Supplementary Data.

Index

No	Supplementary Data	Page Number
1	Details of the contribution of proteomic data to VectorBase	1
2	Supplementary Figures 1 to 10	2-12
3	Selected MS/MS spectra of genome search specific peptides	13-18
4	Details of sequences submitted to Genbank	19-136
5	Supplementary Table 7 :Peptide directed RT-PCR validation and sequencing of novel coding regions	137-148
6	Supplementary Table 6: N-terminally acetylated peptides	149-181
7	Supplementary Table 5 . List of peptides mapped to novel splice junctions of the Vectrobase genes	182
8	Supplementary Table 4. Confirmation of splice sites with peptides spanning exon-exon junctions	183-304
9	Supplementary Table 3A. Genome search specific peptides mapping intergenic region of the VectorBase genes.	305-384
10	Supplementary Table 3B. Genome search specific peptides mapping intronic region of the VectorBase genes.	385-421
11	Supplementary Table 3C. Genome search specific peptides mapping exonic region of the VectorBase genes.	422-424
12	Supplementary Table 3D. Genome search specific peptides mapping exon-intron junction of the VectorBase genes.	425-434
13	Supplementary Table 3E. Genome search specific peptides mapping gene boundary of the VectorBase genes.	435-438
14	Supplementary Table 3F. Genome search specific peptides mapping UTR of the VectorBase genes.	439-455
15	Supplementary Table 2. Complete list of proteins identified from *Anopheles gambiae*	456-785
16	Supplementary Table 1. Complete list of Protein Search Specific (PSSP) peptides	787-7122

Chaerkady *et al*., 2011. A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry

Contribution of proteomic data to VectorBase

VectorBase is an annotated genome data platform for several vectors such as *Anopheles gambiae*, *Aedes aegypti*, *Culex quinquefasciatus*, *Ixodes scapulas* and *Pediculus humanus.* The peptide data derived from our mass spectrometric analyses was aligned to the genome map of *Anopheles gambiae* in VectorBase using a Distributed Annotation System (DAS) (Dowell et al. 2001). The DAS server allows integration of various data sources like proteomic data onto the reference genome sequences. The entire peptide data from our experiment can be viewed as separate tracks on VectorBase genome browsers with the URL "http://funcgen.VectorBase.org/gdav/das" as DAS server and "JHU_Ag_v2" as the data source. The tracks for our data (under Protein alignments) on VectorBase genome browser as can be turned on at "configure this page" under "External data sources" utility.

Reference:

Dowell RD, Jokerst RM, Day A, Eddy SR, and Stein L. 2001. The distributed annotation system. BMC Bioinformatics 2: 7.

Supplementary Figure 1

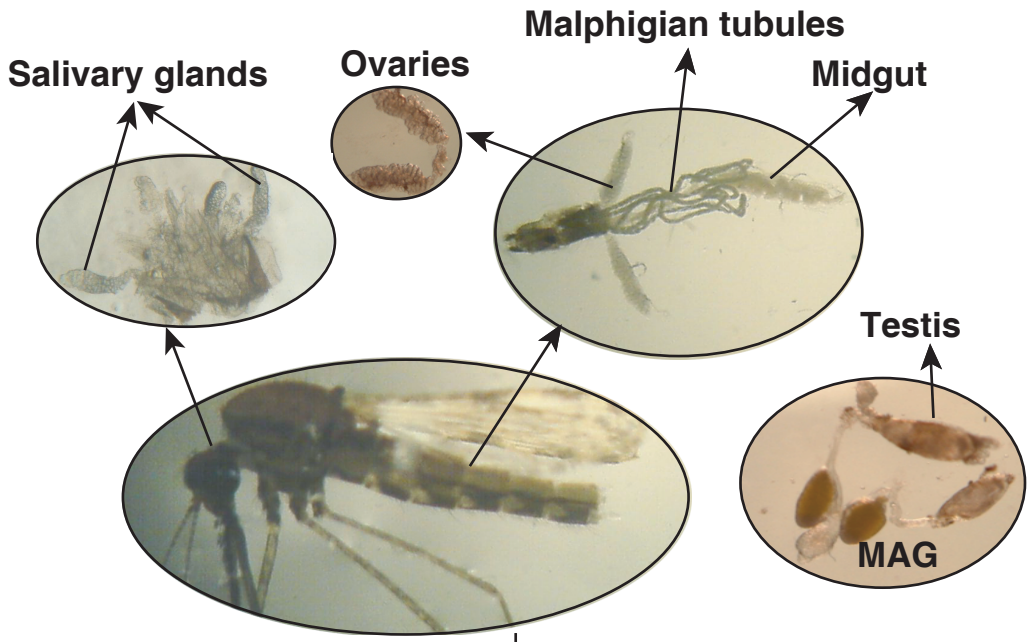

Protein lysates from salivary glands, head, malphigian tubules, midguts, ovaries, male accessary glands (MAG), testis and remaining body parts

↓

SDS-PAGE separation, strong cation exchange or reversed-phase protein fractionation

↓

Trypsin digestion

↓

LC-MS/MS
High resolution MS and high resolution MS/MS analysis on LTQ-Orbtrap XL/Velos ETD Fourier transform mass spectrometers

↓

Search against six-frame translated protein database, splice variant protein database and protein database of *Anopheles gambiae* (AgamP3.6 build)

↓

Bioinformatics analyses

↓

Analysis of novel and corrected gene structures by RT-PCR and sequencing

Supplementary Figure 2A

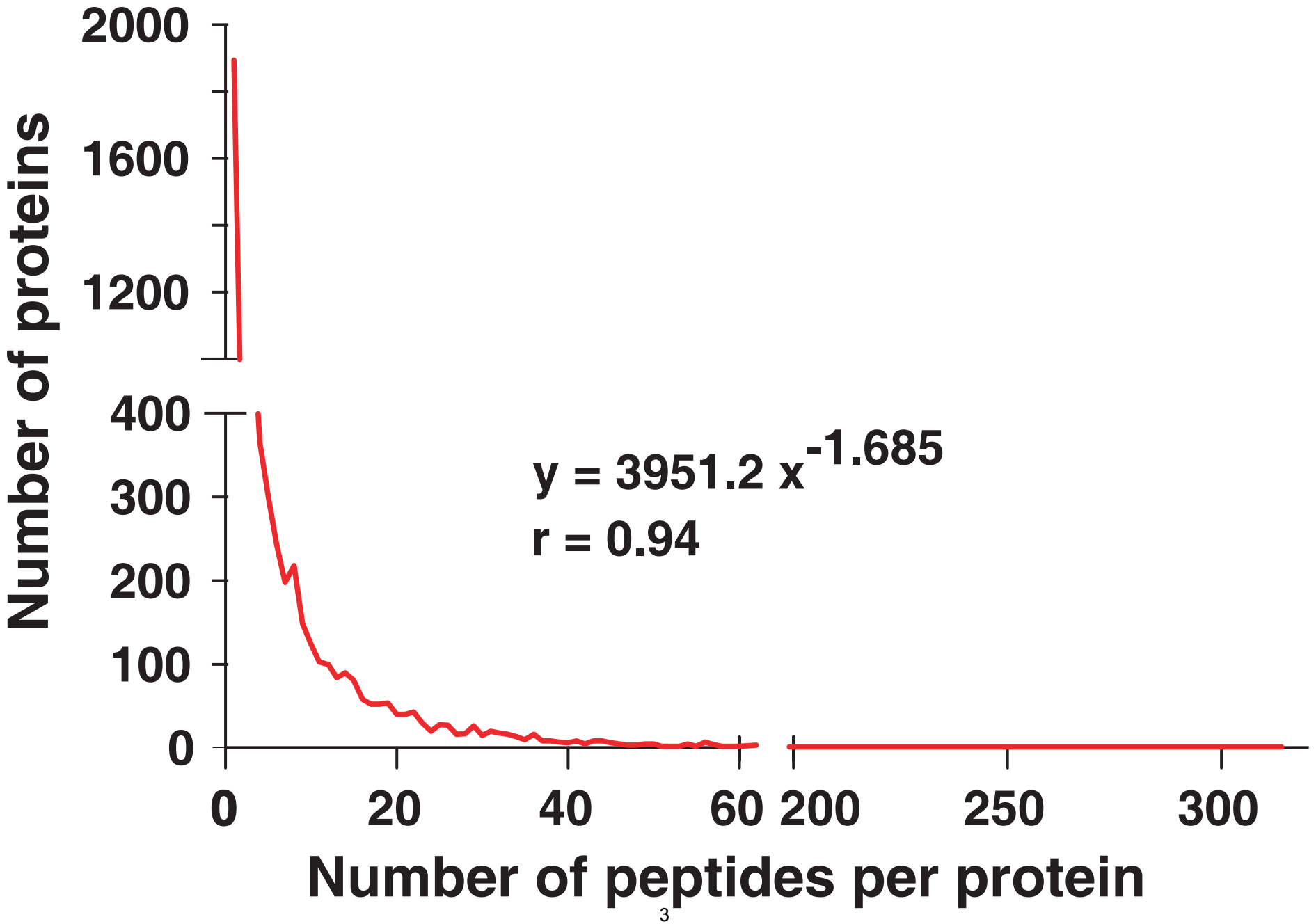

Supplementary Figure 2B

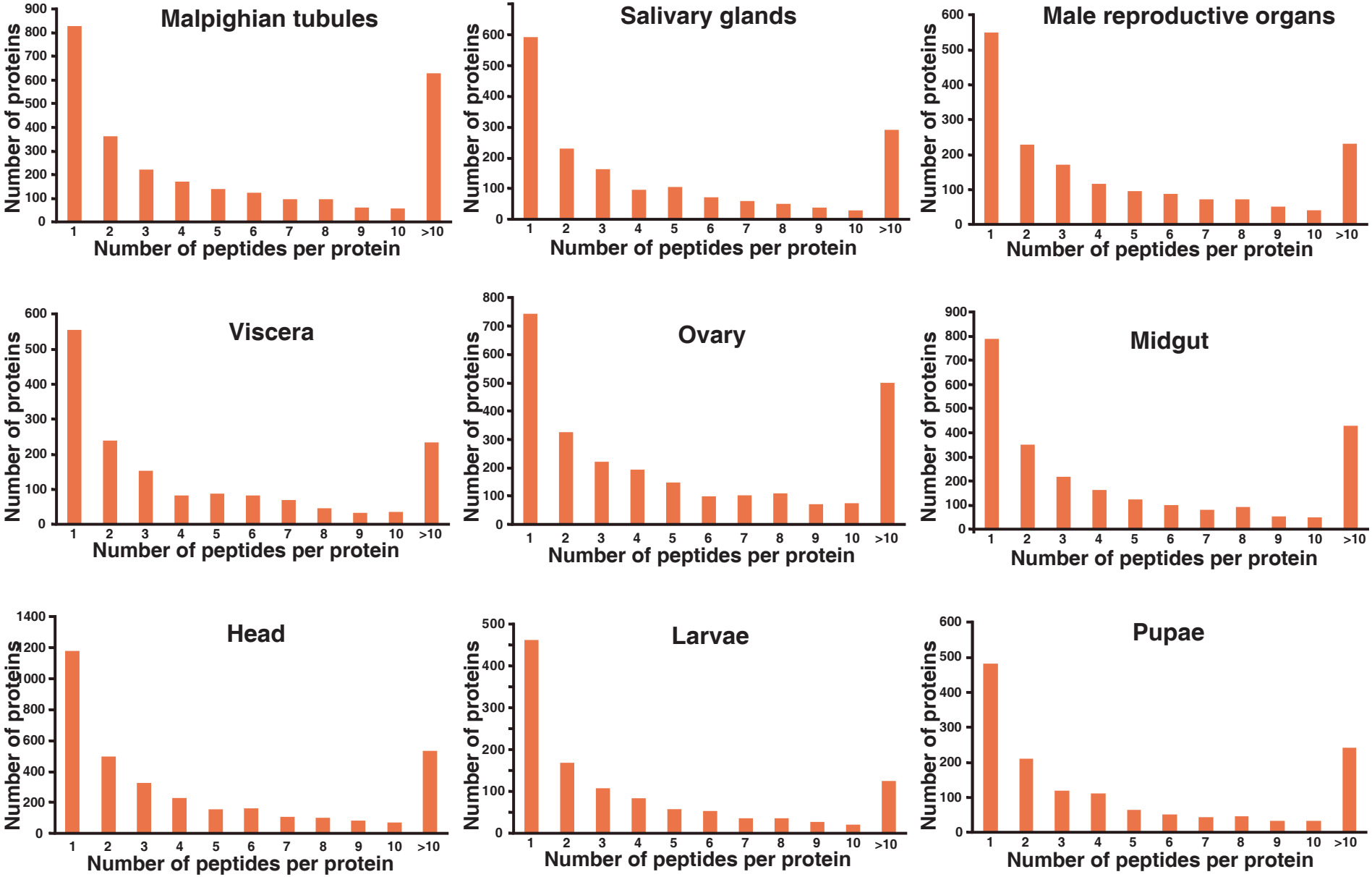

Supplementary Figure 3

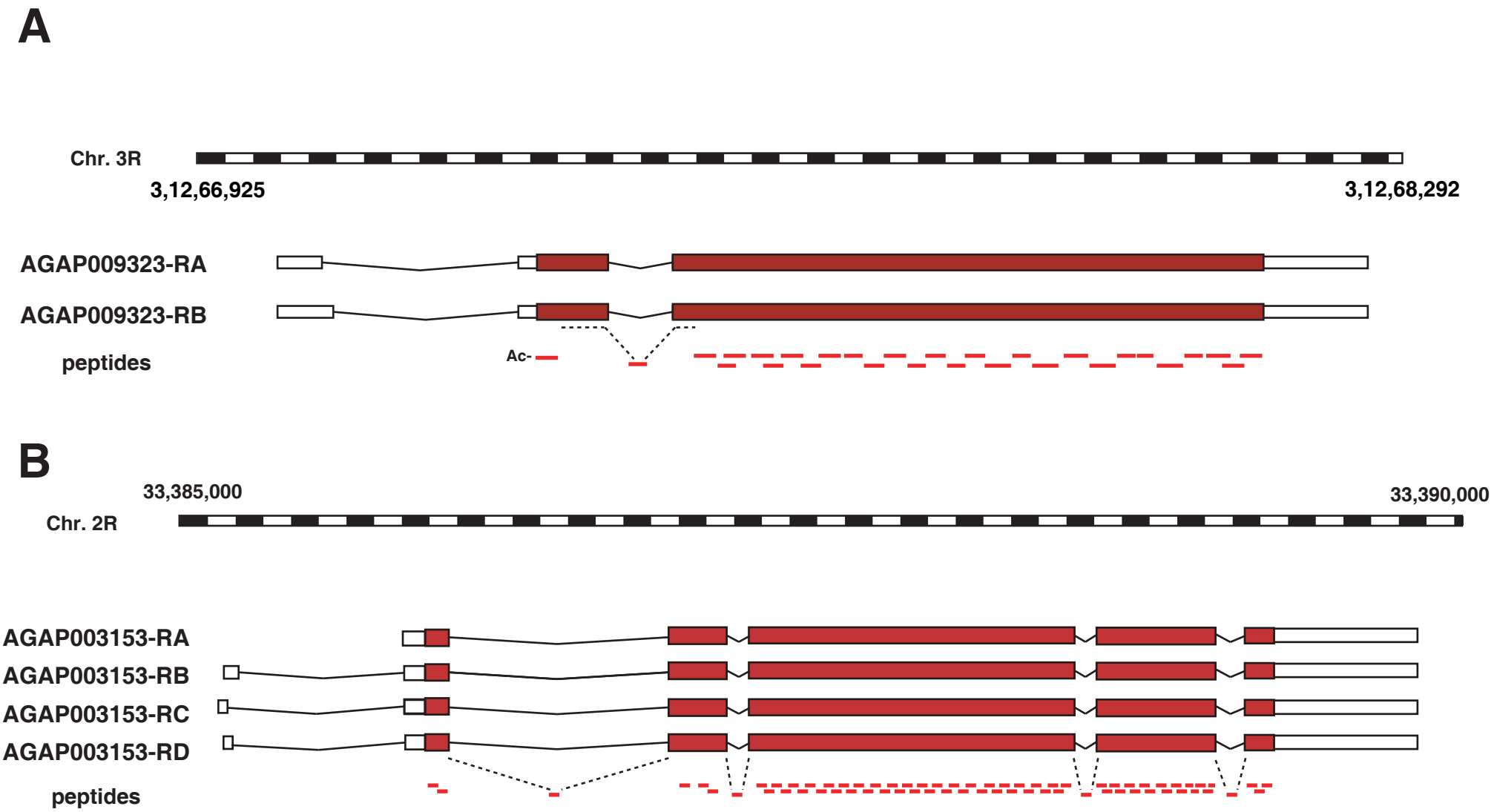

Supplementary Figure 4

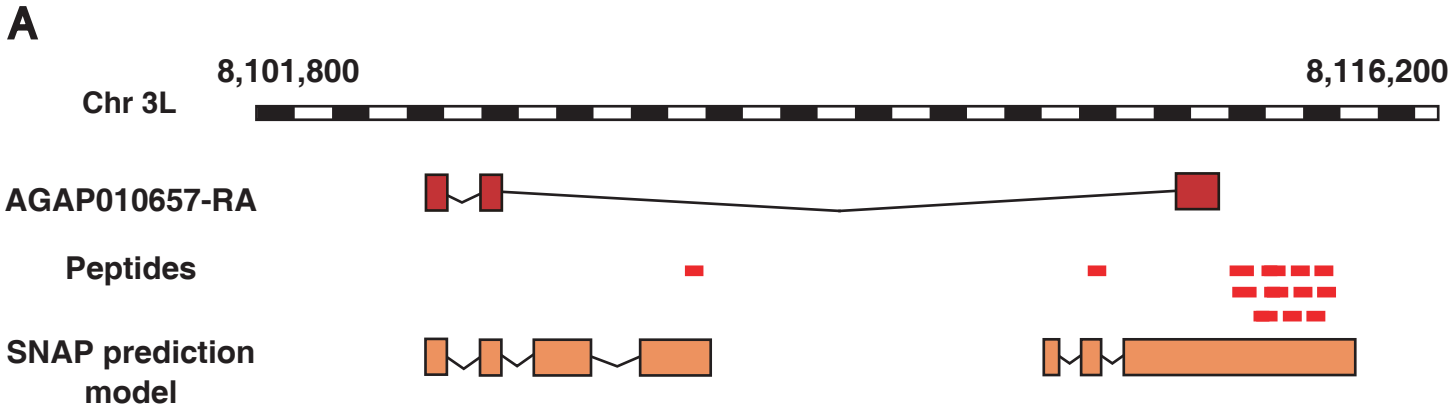

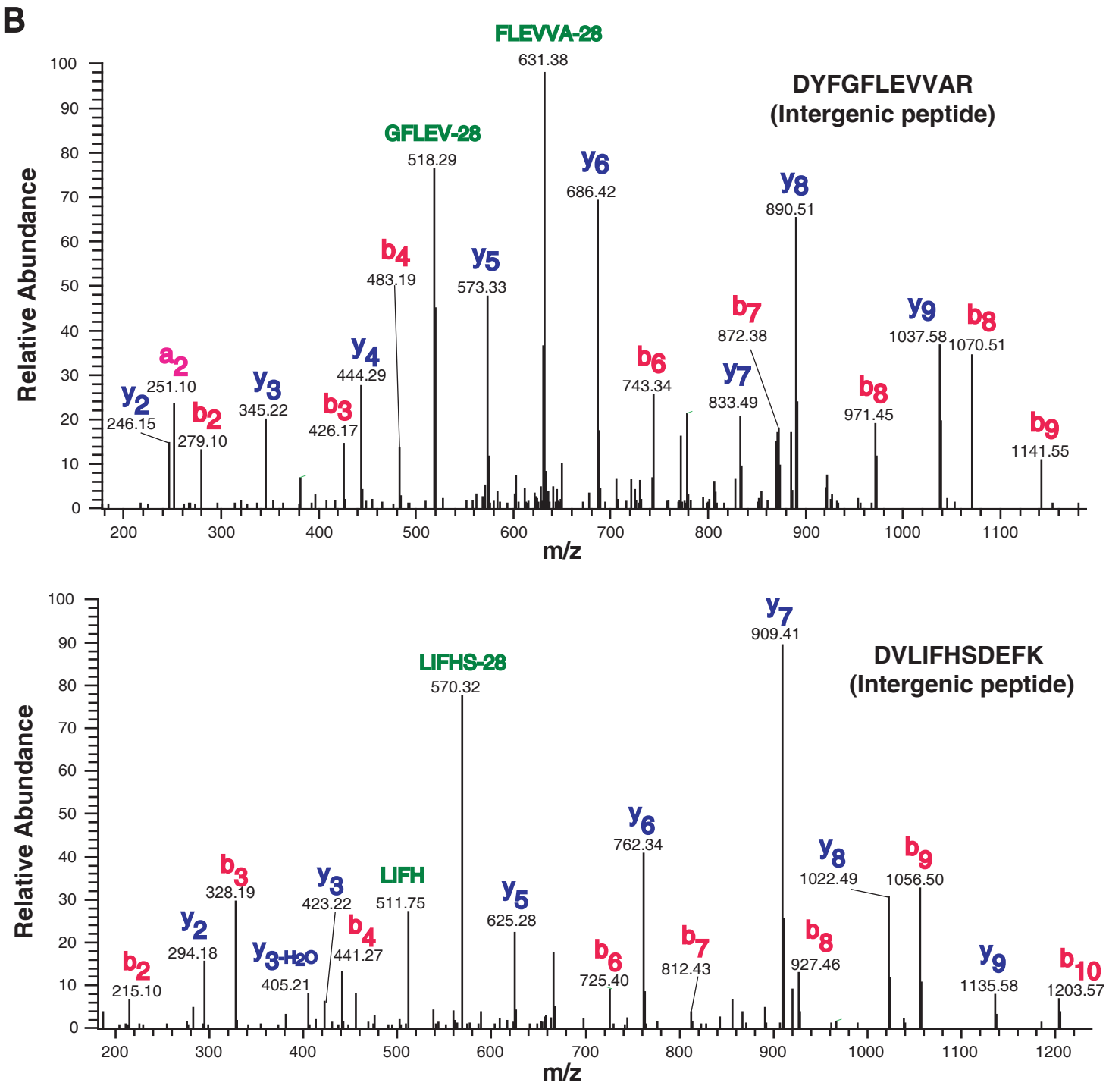

Supplementary Figure 5

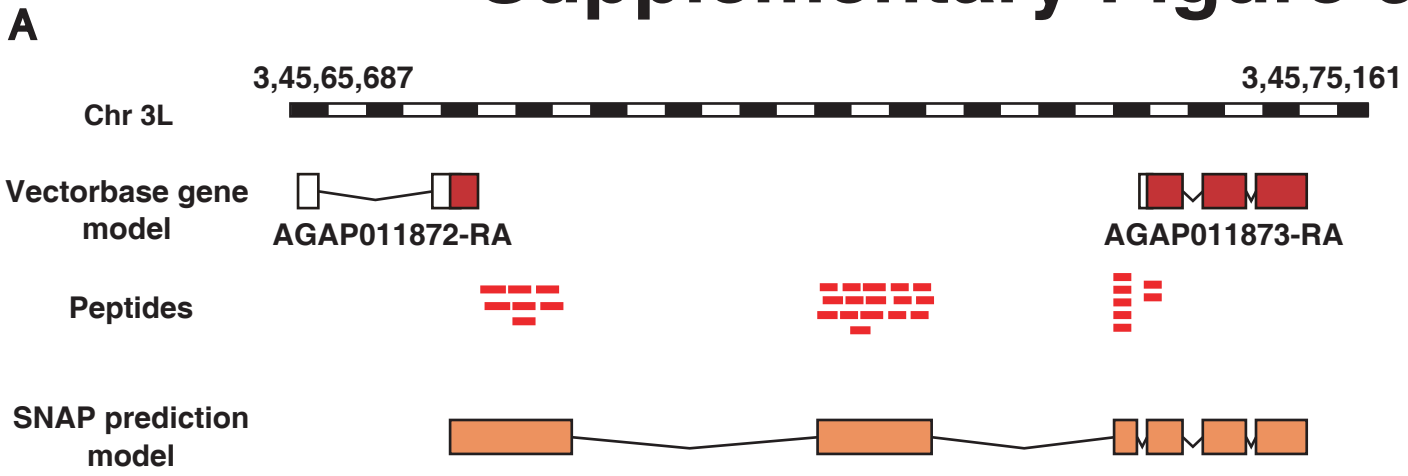

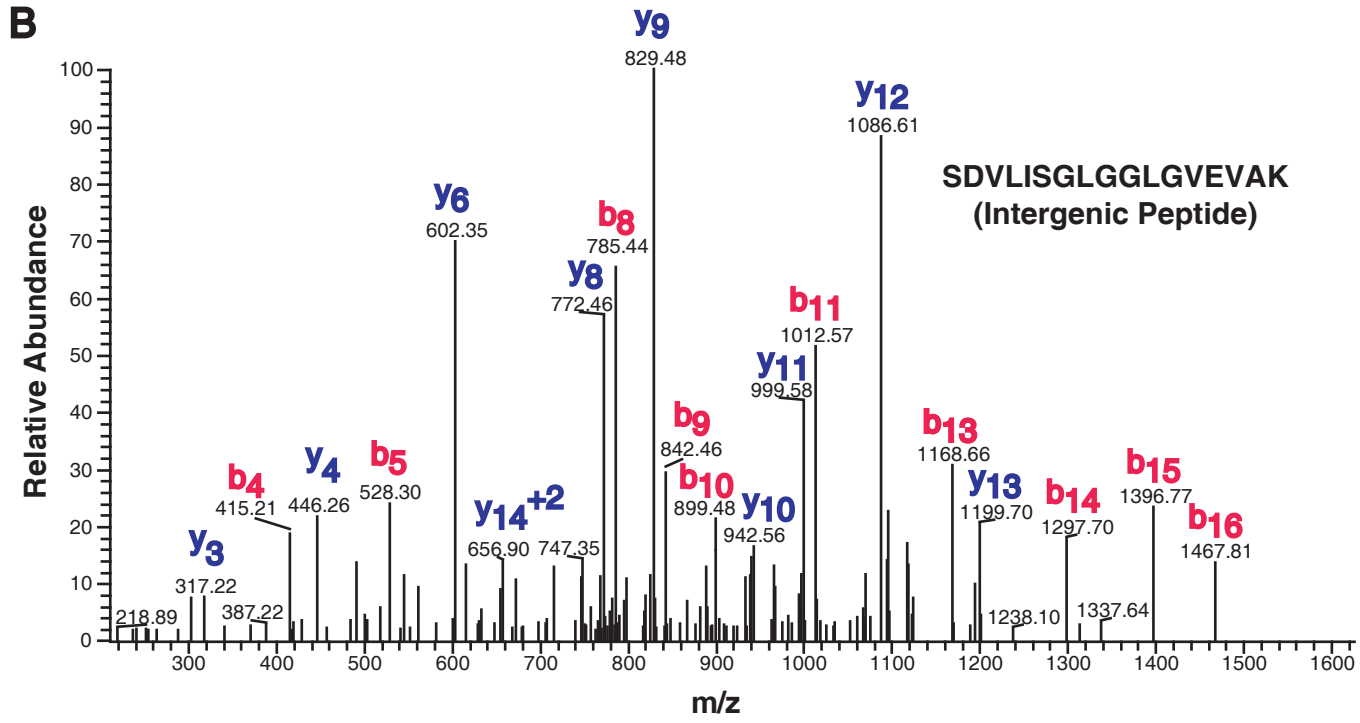

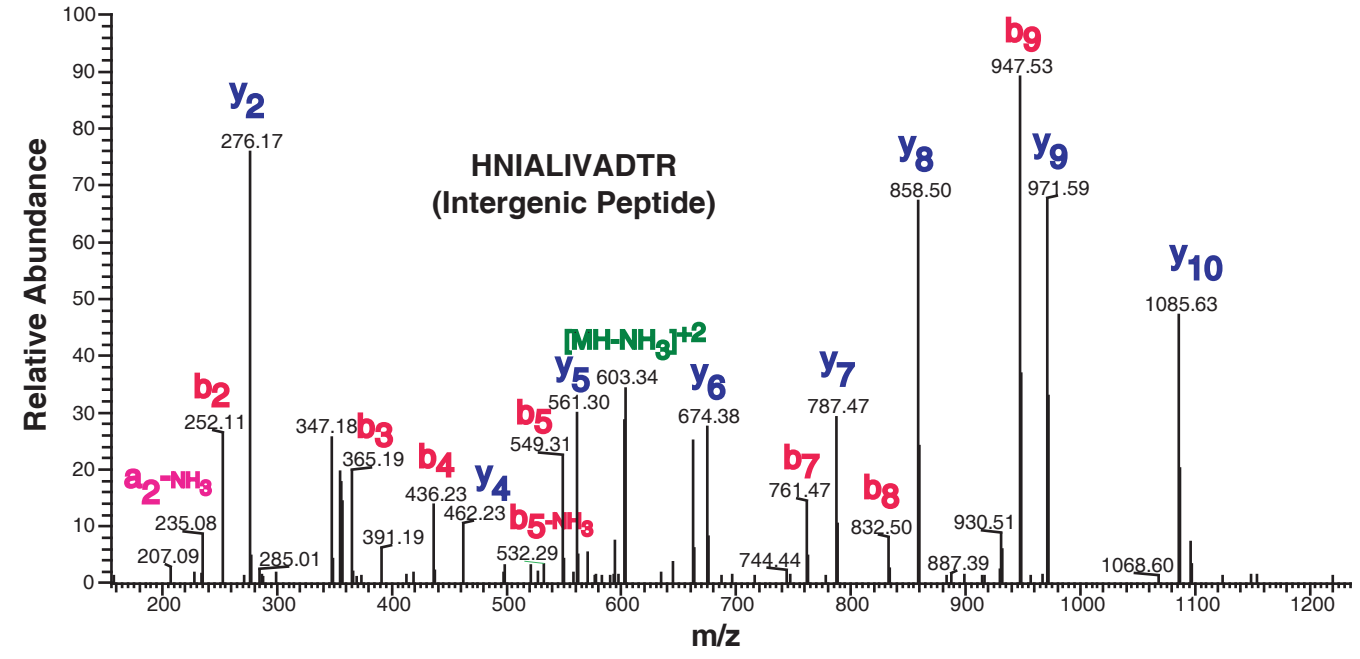

Supplementary Figure 6

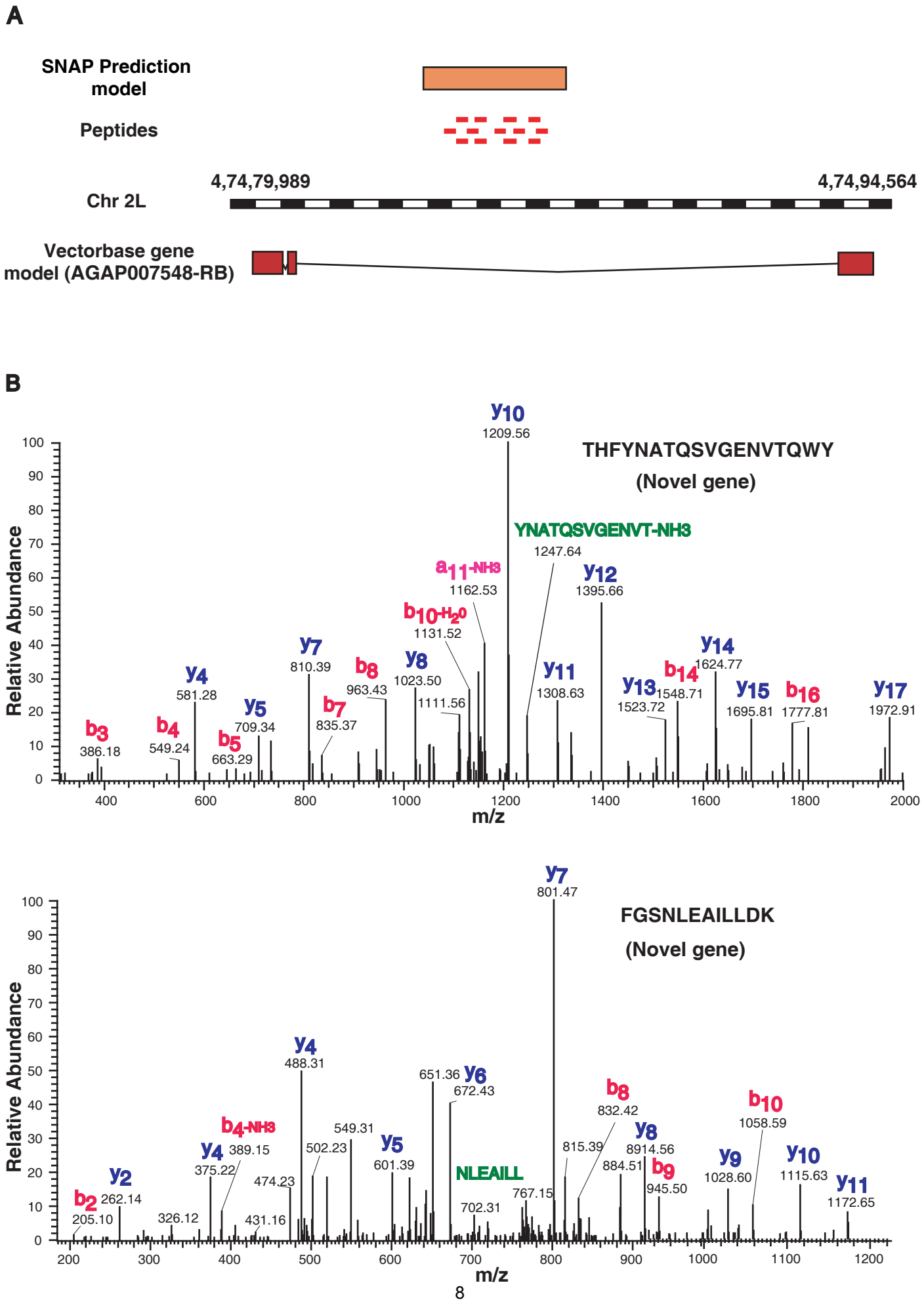

Supplementary Figure 7

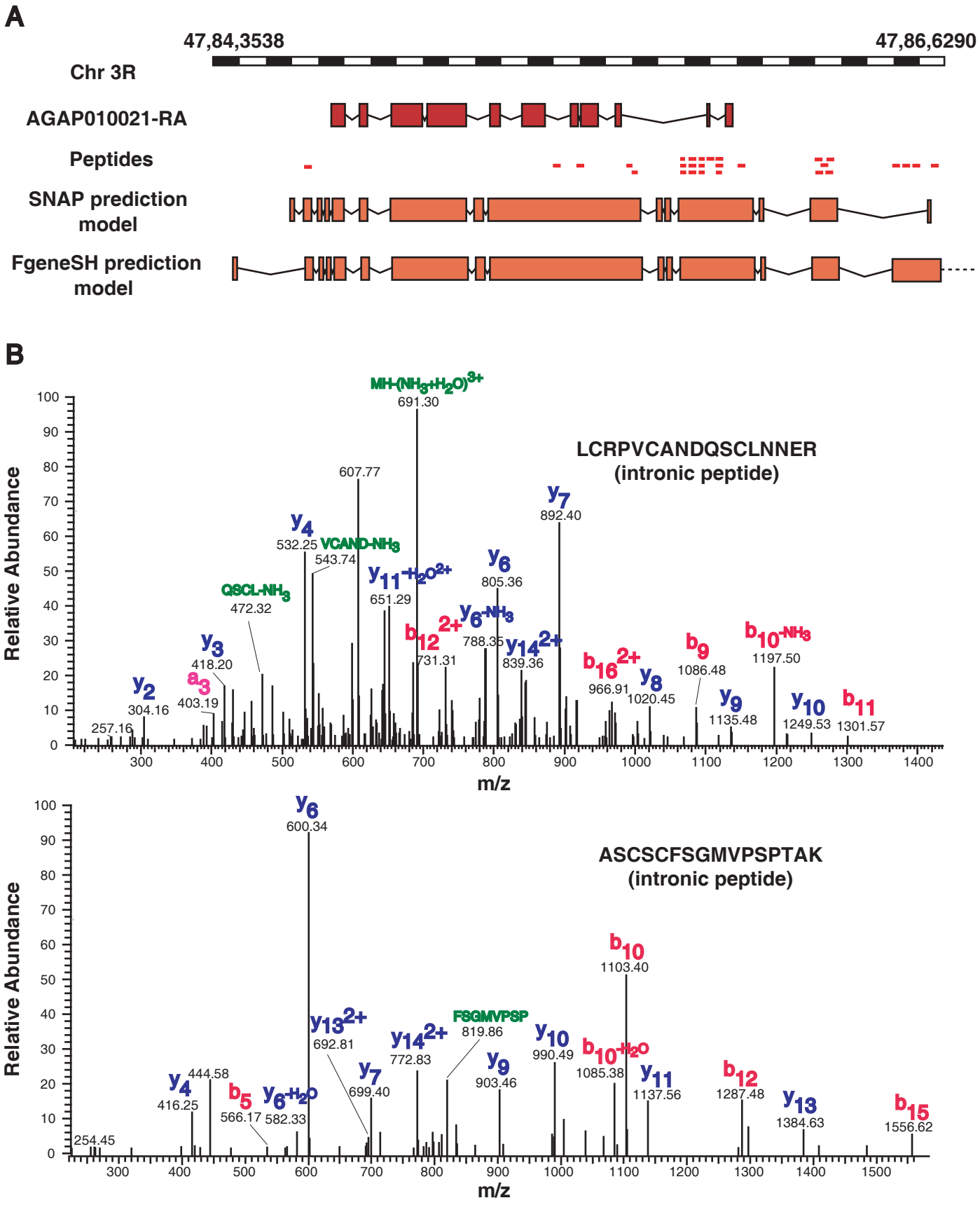

Supplementary Figure 8

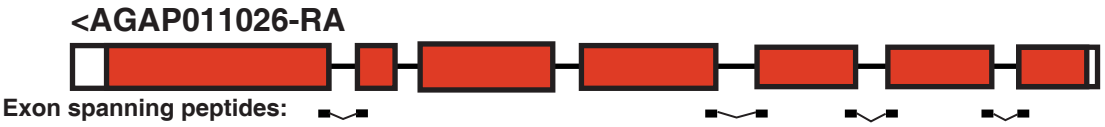


```
  1 MALVRFATIITVLCHLAIQDGAAKSFPHGEKAPFPLTLIHINDLHARFDE
 51 TNQKSSTCTNSKECIAGIARVYHTIKQLKSEYKTKNPLYLNAGDNFQGTL
101 WYNLLRWNVTAYFIKELPPDAMTLGNHEFDHSPKGLAPYLAELEKMKIPT
151 VVANLEKNGEPALKDSKIARSIVLKVGNRKVGVIGALYDKTHLVAQTGMV
201 TLTNSIEAVRKEAQELKKKNVNIIVVLSHCGLDGDKQLAEEAGDLIDVIV
251 GAHSHSLLLNKDAKVPYDTKYDTIEGDYPLVVKKSNNHTVLITQARSFGK
301 YVGRLTVNFDCEGEVQSWEGYPIYMNNSVKQDEEVLRELEPWRAEVKRLG
351 TQVIGTTEVFLDRESCRWCECTLGDLIADAYADQYTNSTVQPVAFVQAGN
401 FRNPIEKGDITNGLAIEAAPYGSSVDMIKLSGADLWSAIDHSFTLDDEFR
451 YNTAQVSGMAVVADLSKKPYERVQSIDIVGANGAKTALKKDQIYYVVVPS
501 YLADGKDGFAMLKKGTNRVTGPLDSDVLIEYVRKRQTIAKTMFQEKRVVI
551 ENHTNGTCSWDLDSQRYKPK
```

Supplementary Figure 9

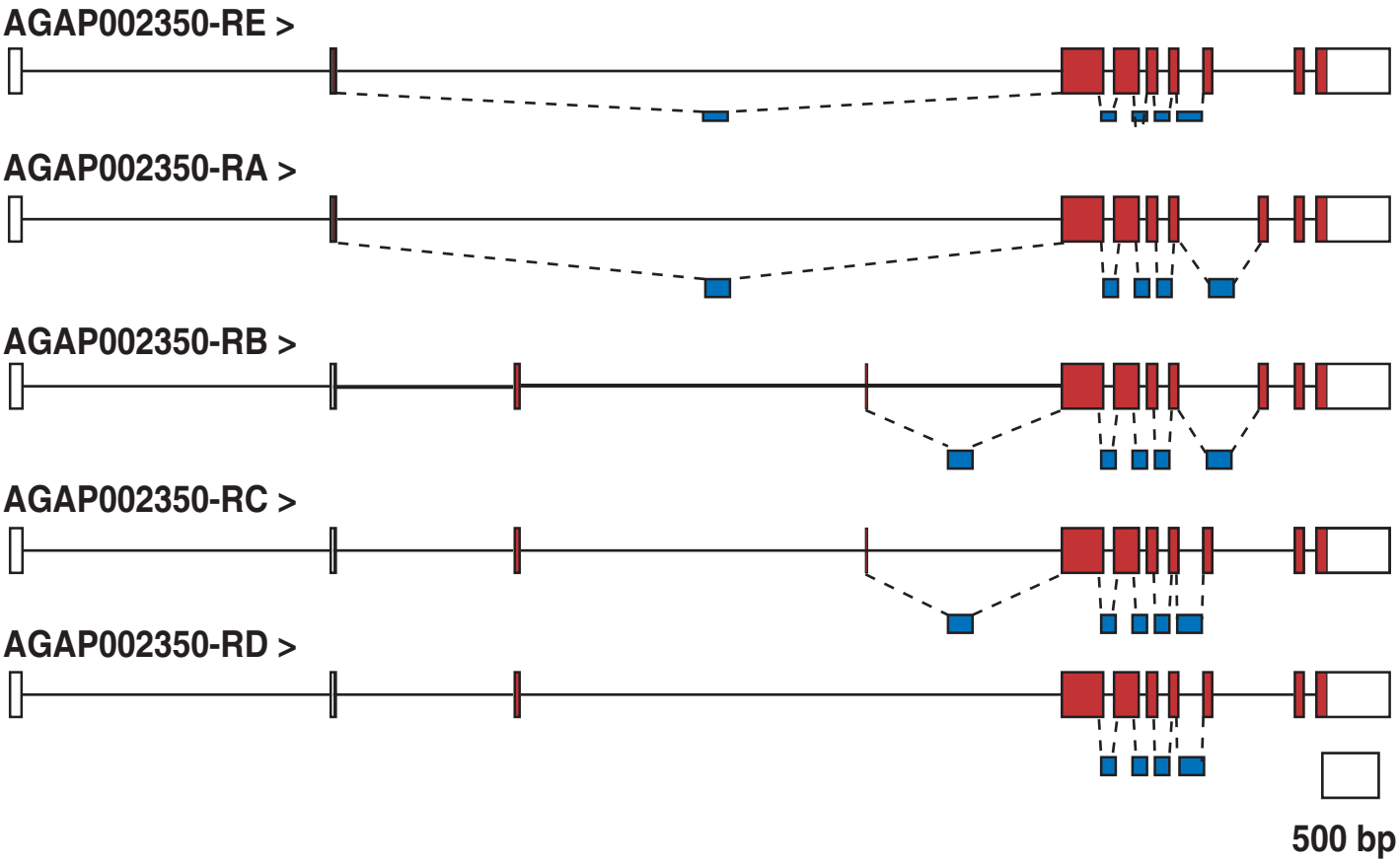

Supplementary Figure 10

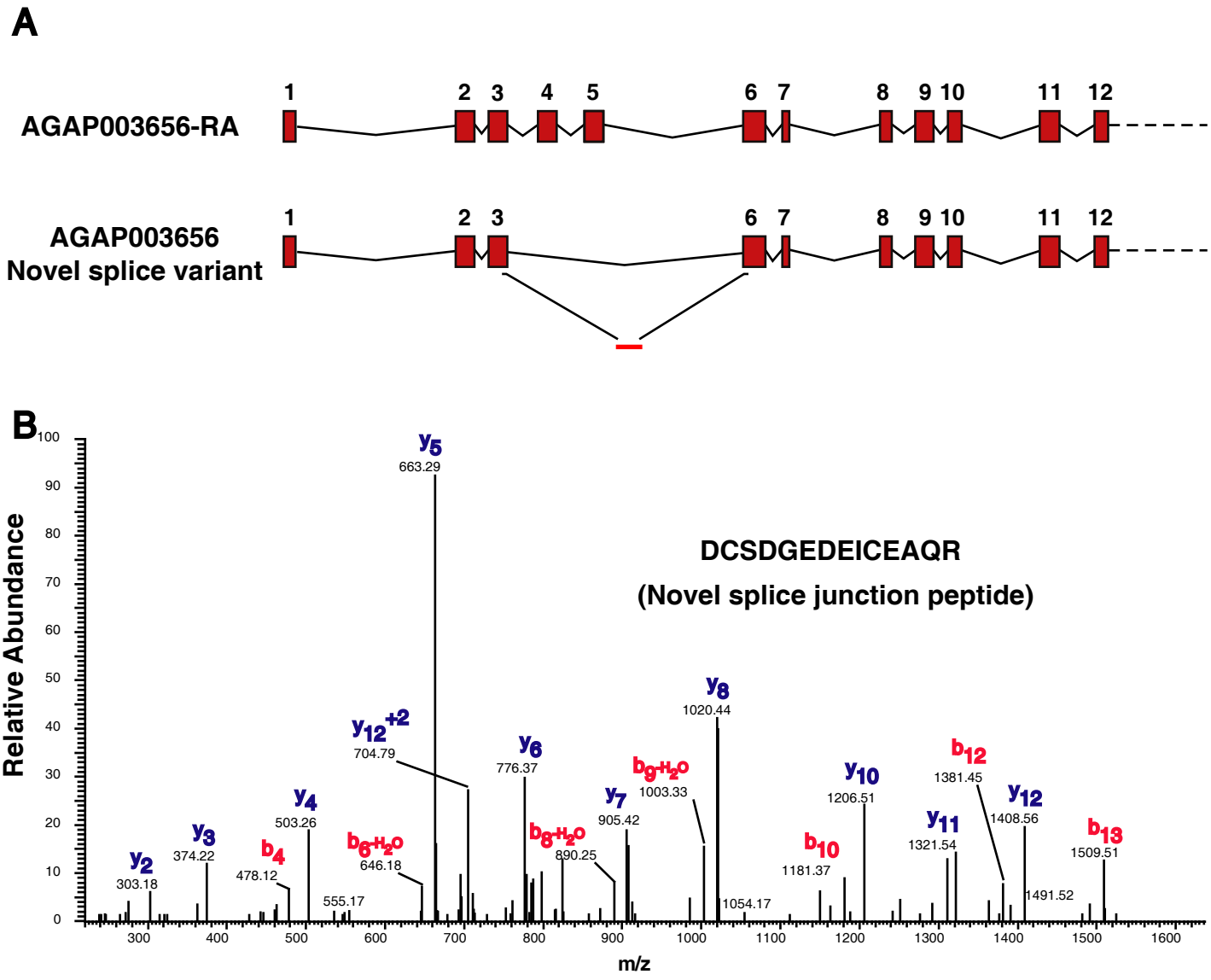

MS/MS spectra - AGAP011939-PA

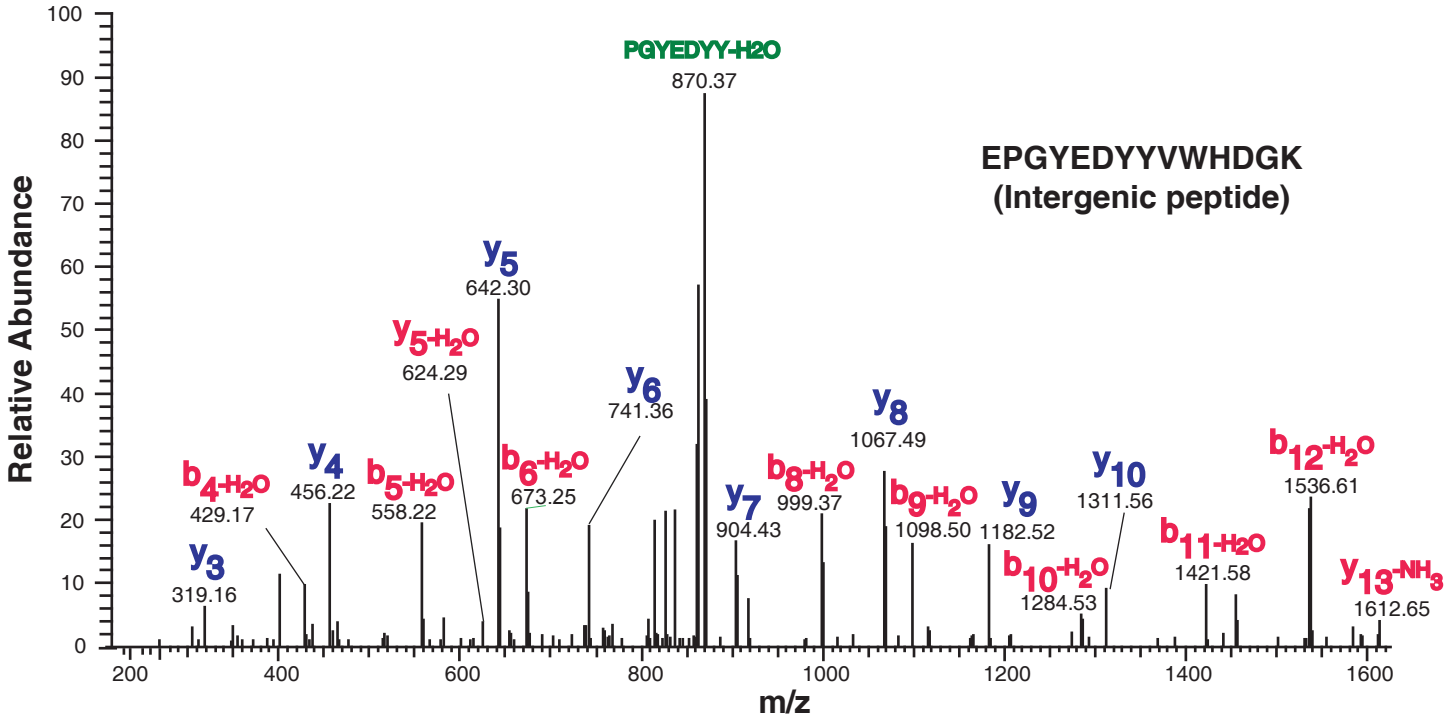

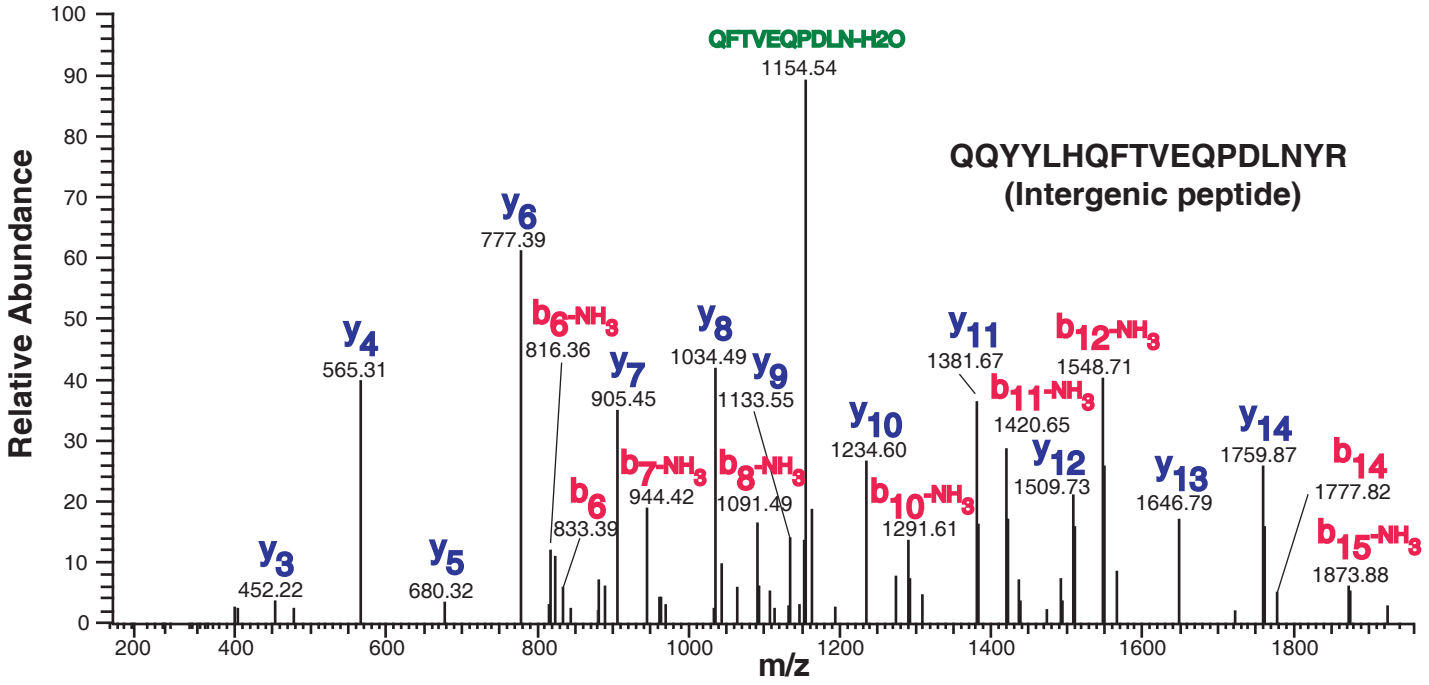

MS/MS spectra - AGAP009515

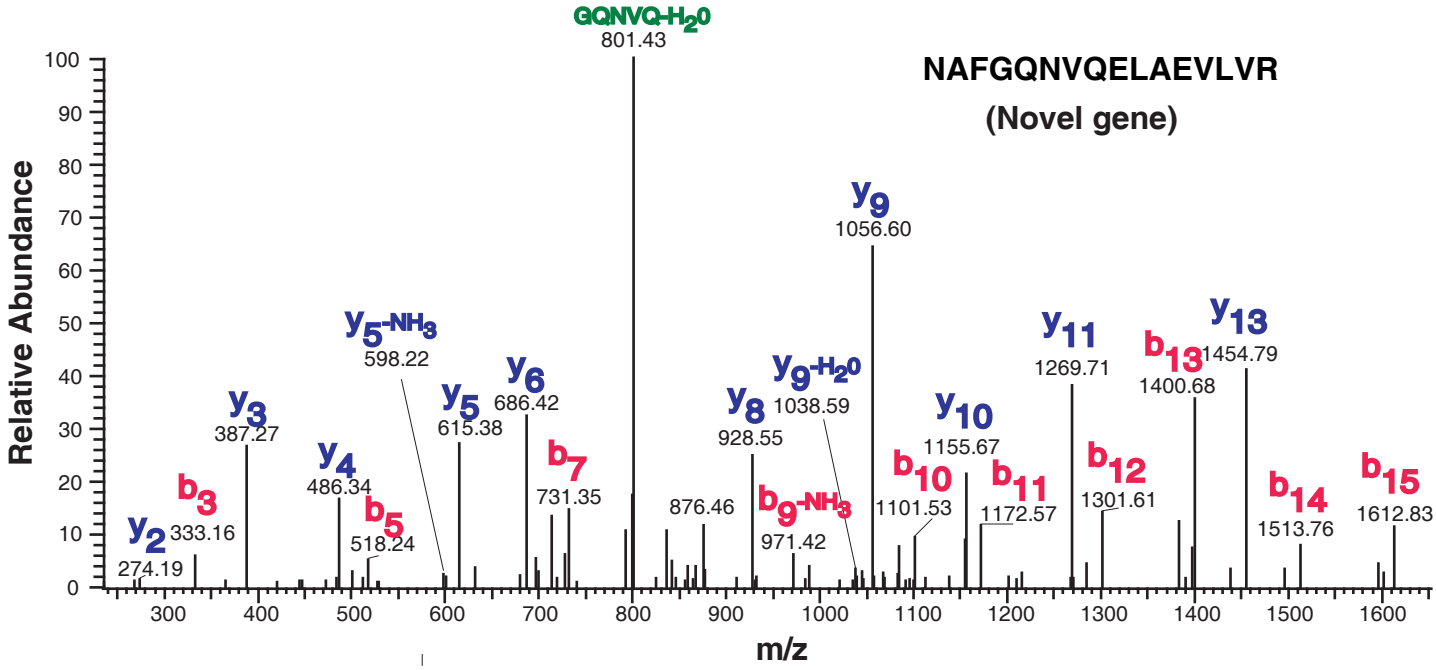

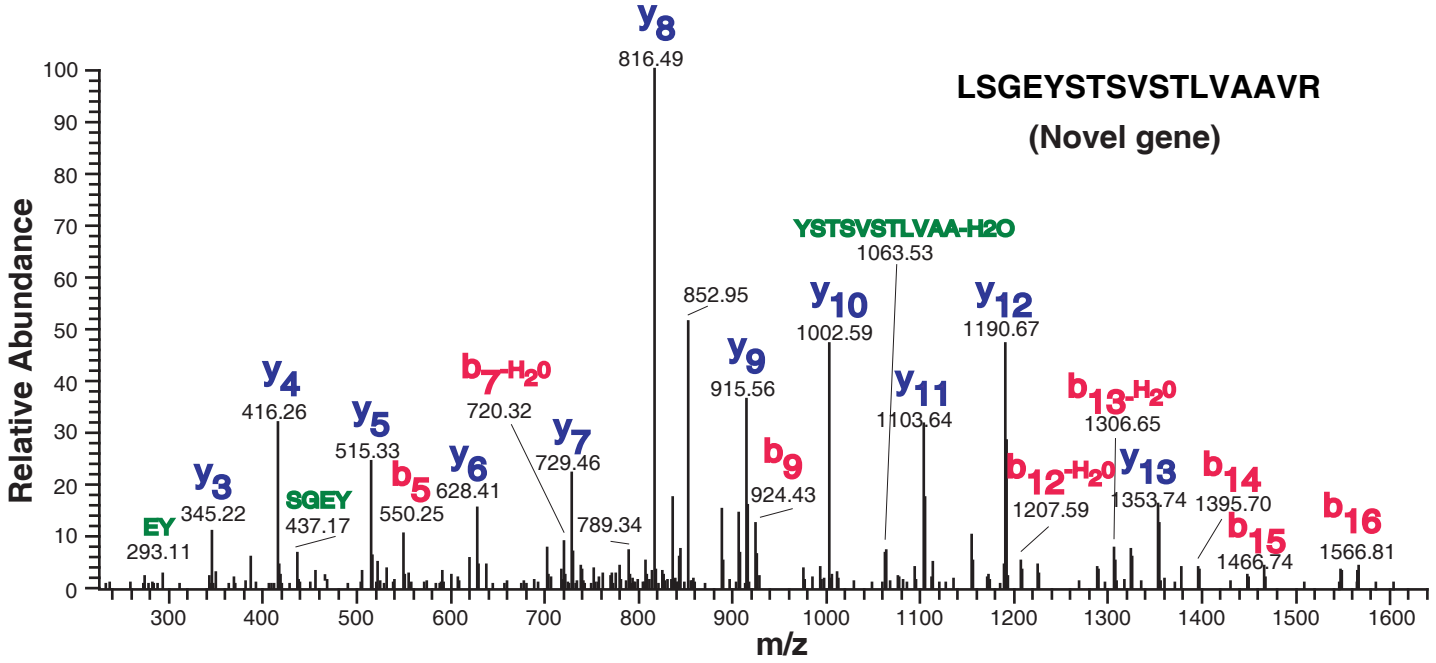

MS/MS spectra - AGAP008769-PA

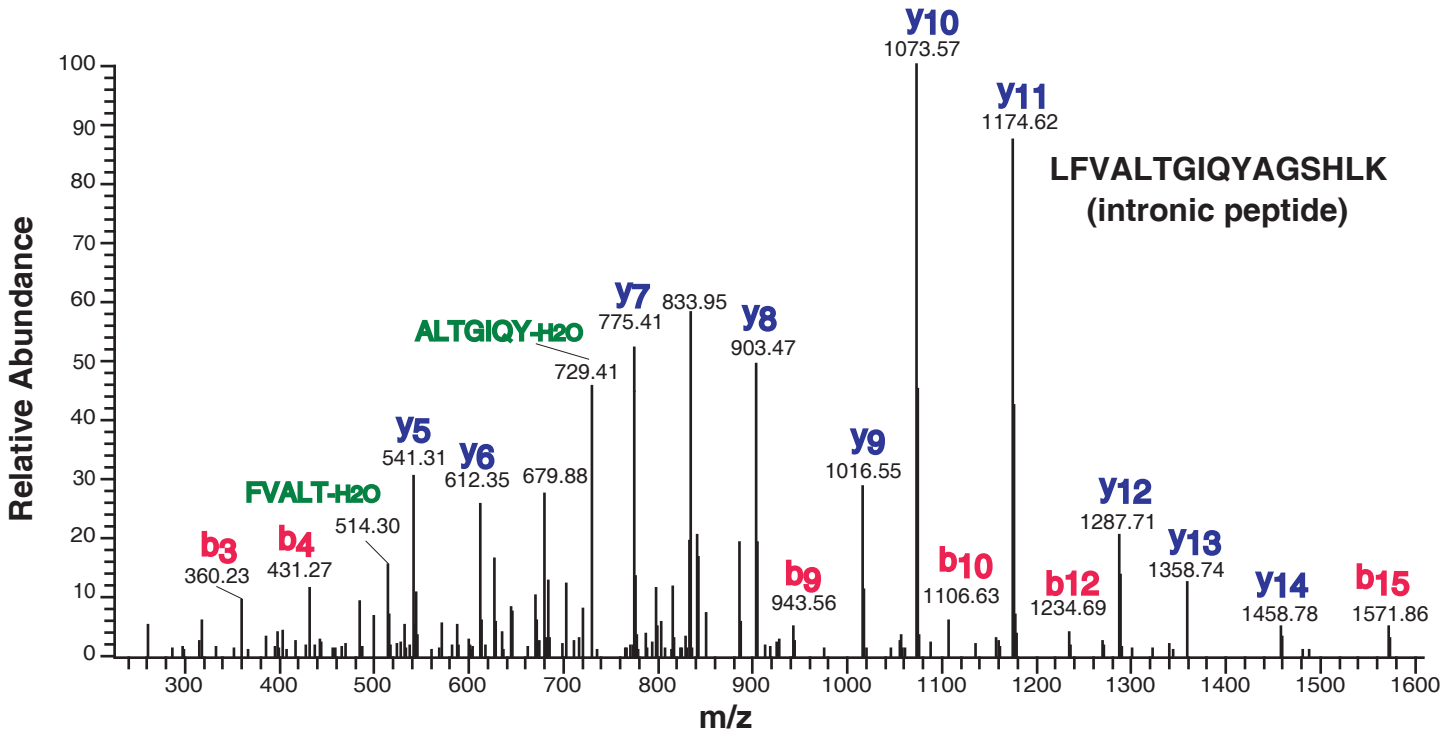

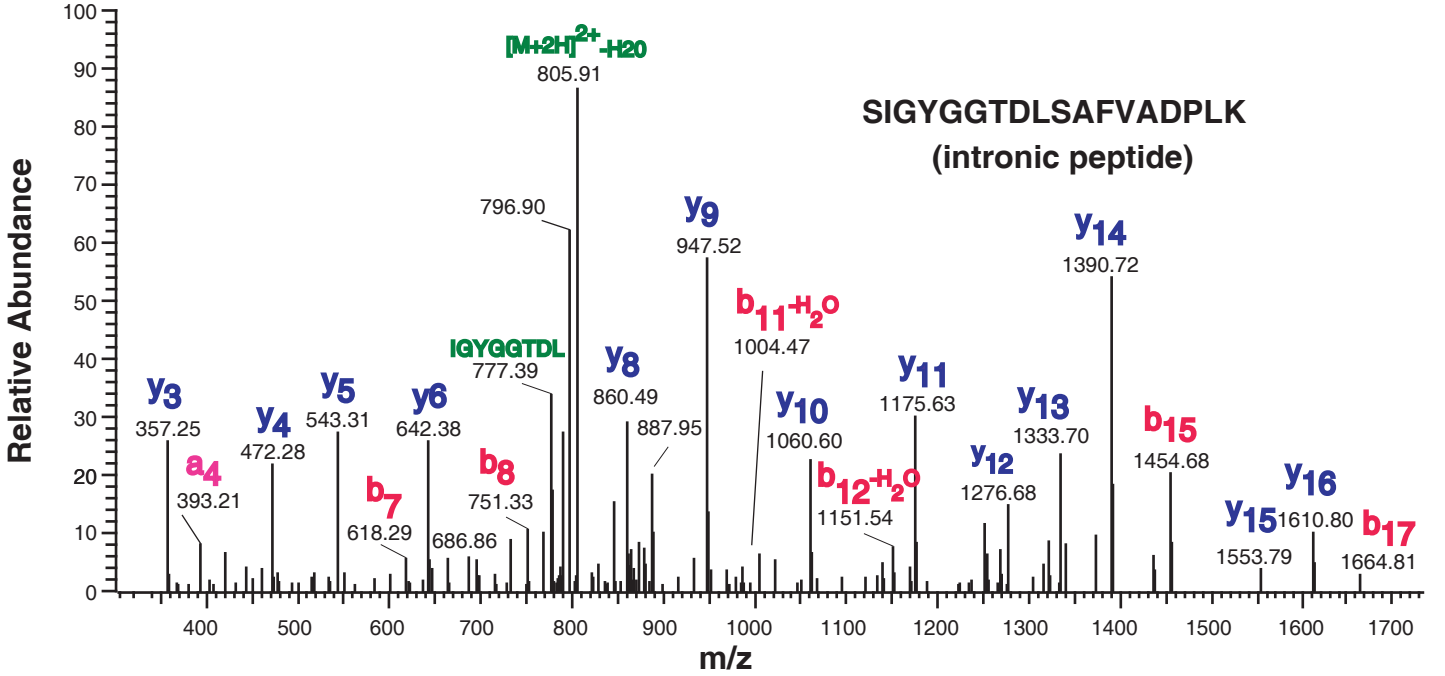

MS/MS spectra - AGAP000622-PA

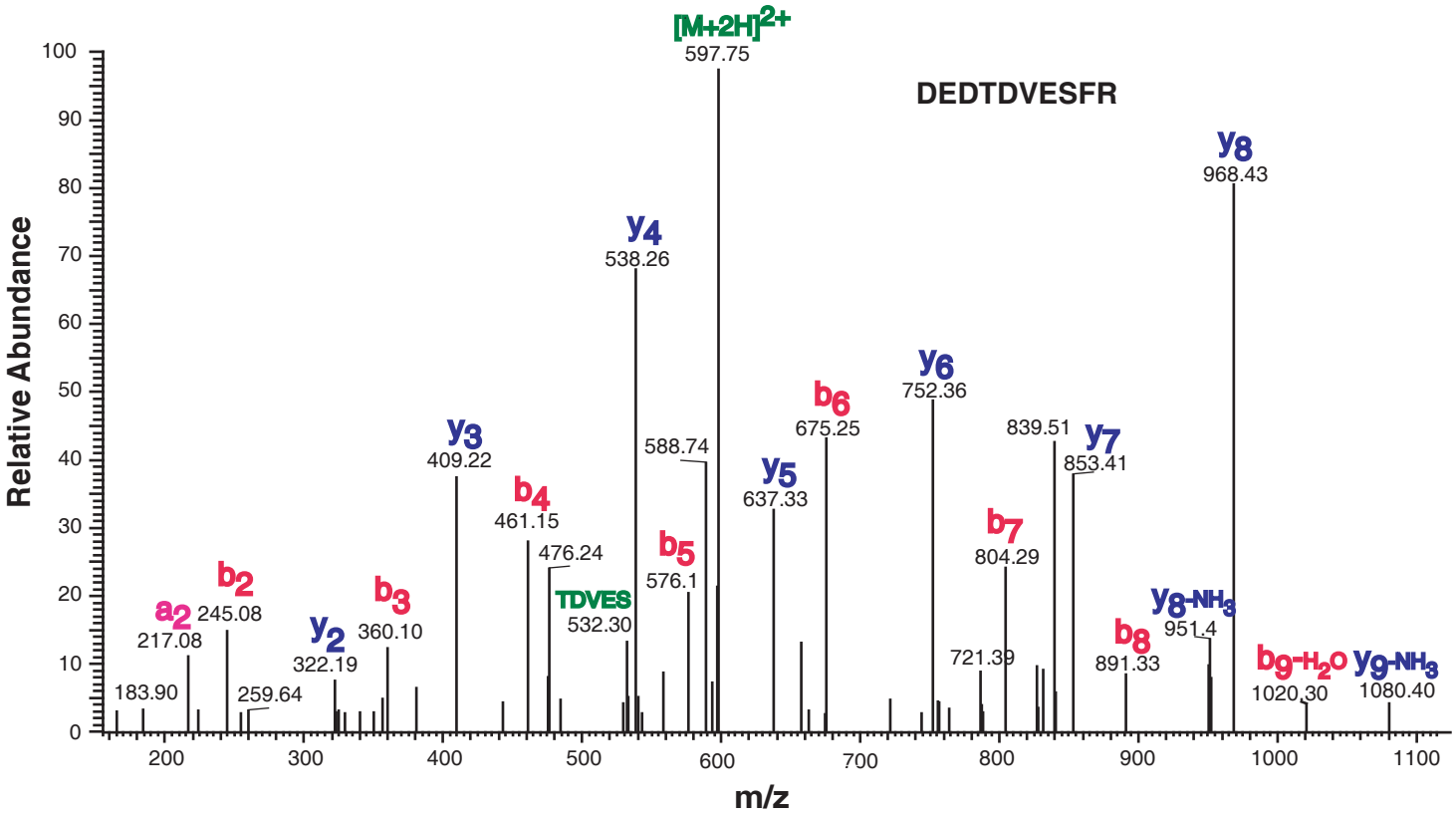

MS/MS spectra - AGAP009974-PA

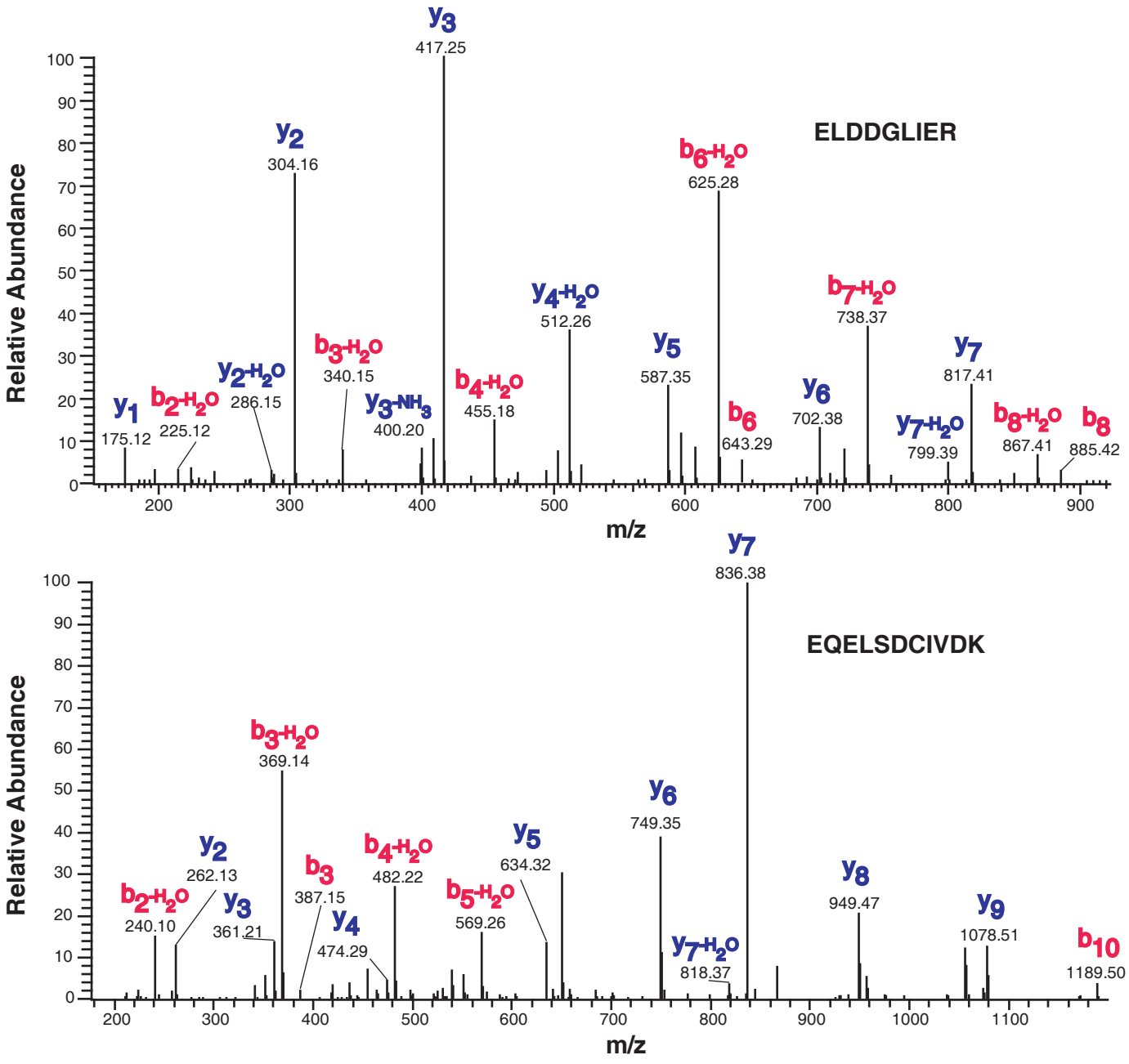

MS/MS spectra - AGAP006452-PA

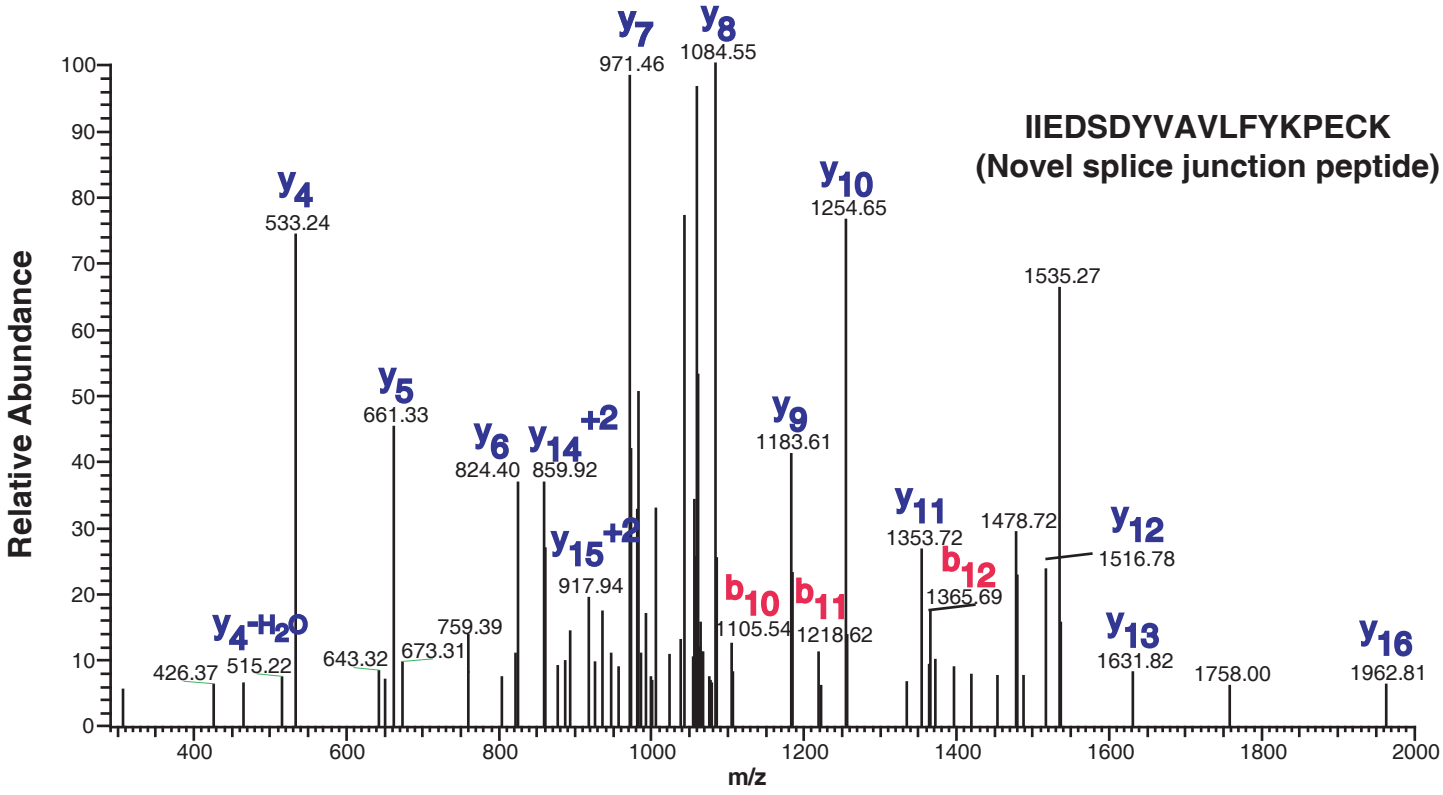

Details of sequences submitted to Genbank

Chaerkady *et al*., 2011. A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry

Details of the cDNA sequences (obtained from *Anopheles gambiae* mosquito organs) submitted to NCBI Genbank.

IDENTIFIERS

dbEST Id: 65583255
EST name: Anogamb_JHU06
GenBank Acc: GO935153
GenBank gi: 237829701

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GAACACGTTCTGGCAGTTTCGCGTG
PCR backward: GGCATCGATACCGGACGTACCTTG
Sequencing: GAACACGTTCTGGCAGTTTCGCGTG(Forward),
GGCATCGATACCGGACGTACCTTG(Reverse)
PolyA Tail: no

SEQUENCE
TGAACACGTTCTGGCAGTTTCGCGTGATTTCATCTCCCAGCCGCGCTTGATCTACAAAAC
CGTGTCCGGTGTAAACGGACCGCTGGTCATTCTGGATGAGGTGAAGTTCCCGAAGTTTGC
CGAAATCGTGCAGCTGCGCTTGAGCGATGGCACCGTCCGCTCCGGTCAGGTGCTGGAAGT
GAGCGGCTCGAAGGCCGTCGTCCAGGTGTTCCAAGGTACGTCCGGTATCGATGCCA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583254
EST name: Anogamb_JHU02
GenBank Acc: GO935152
GenBank gi: 237829700

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GAGACGCGCACCAACAGCCTGGATC
PCR backward: AACCGTTTCGTCGAACTGCAACAC
Sequencing: GAGACGCGCACCAACAGCCTGGATC(Forward), AACCGTTTCGTCGAACTGCAACAC(Reverse)
PolyA Tail: no

SEQUENCE

TGAGACGNNNNNNAACAGCCTGGATCTGCTGGAAAGCAAGCTATCCGATGTAAATCAGGA
CATCTACGAGACAATGCTCTGCTCGGAGAGCCTCTTCAAGTTCCTGGCCGAGGCAGATGC
TGACCAGCACACAACAGCATCCCGTATCATCTACGACAAAGCGCTCGAGTTCTTCCCCAA
CGGGTCGGCCTCGGTCATCGATCGGTTTTTTGAGCGCTGCCTGACCCATCCAAAGAACTC
GGTGAAGCAGTTTGGGTTGCGCGGTGCGGCCGCCATGGTTTACCATTCGGCCACCATCAC
ACCGAACACGGTGGAGCTCATCATTCAACACTGTCTCCCGATGAAGGAGGTGTACGTGGA
CACGCTGCTGAACGTGCTGGTGAAATGCTTGCCACCGNNNNNACGGAACCGACCNNNCAG
AACAAGCTGGTGTCGGTGTTGCAGTTCGACNAAAACGGTT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER

Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS

Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583253
EST name: Anogamb_JHU105
GenBank Acc: GO935151
GenBank gi: 237829699

CLONE INFO

DNA type: cDNA

PRIMERS

PCR forward: atcagtcgaaacaatcccctaagacc
PCR backward: tgcttgtttagcagaaagtcgatcag
Sequencing: atcagtcgaaacaatcccctaagacc(Forward), tgcttgtttagcagaaagtcgatcag(Reverse)
PolyA Tail: no

SEQUENCE

TCAGTNGNAACAATCCCCTAAGACCGCCGCCGGTGGTGGCACCAACAACGCTGCAGAGTC
GCAACAGCAGCAGCAGCAACAGCAACAGCATCACCACCATCATCAGAATGCCTCGGCAGC
GAATGTGGCCCACGCAGGGGAATCGAAAAAGAAGCAGCACGATGCAACCGCCGATAACAA
CAAATCCTCCACCGCCGTGGCAGCGCAGAAGGACAAATCGAACAAGAAGAAGAAAAACGA
ACTGATCACGCAGGAGCTGGCAGTGGAGATGGCGGACGCCGTGAACGTACACTCGCTGGT
CAACATCCTCAACAAGACCGATCTGCCCCGGAACGATATTCAGATACTGATCGACTTTCT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY

dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae

Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583252
EST name: Anogamb_JHU104
GenBank Acc: GO935150
GenBank gi: 237829698

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: acctttcgttcgaagagatgaaacac
PCR backward: atttcctctgctcaggattaggaacc
Sequencing: acctttcgttcgaagagatgaaacac(Forward), atttcctctgctcaggattaggaacc(Reverse)
PolyA Tail: no

SEQUENCE
GAAGAGATGAAACACTATCTGCCATCGGTCGTGAGGAAGGTGTGTGAGTTTTTCGGCAAA
ACGTACAGCAAGCCGGAGCTGGAACTGCTGTACCAGCACCTTTCCTTTAAGTCGATGCGT
GACAATCCAACTGTCAACTATAAAAGCCGAGATCCAACGAAGAAAGGGGAGCAATTTATT
CGAAAAGGGAAGCAGAAGGCTGGAAAAAGGAAATGACACCTGAGCAGATCCAGCTGCTCG
ATGAGTGGACCAAGGAAAAGGTTCCTAATCCTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583251
EST name: Anogamb_JHU99
GenBank Acc: GO935149
GenBank gi: 237829697

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CAATCGCTTGGCGGTGATTGCAG
PCR backward: AATAGGTCTTCCGTGTGCGTCAAAG
Sequencing: CAATCGCTTGGCGGTGATTGCAG (Forward), AATAGGTCTTCCGTGTGCGTCAAAG(Reverse)
PolyA Tail: no

SEQUENCE

CAATCGCTTGGCGGTGATTGCAGCTCCTGCTATGGATCGGTTGATGGTGGAGGCAGCTAC
ATCTATGATAGCAGACCCGATCCGCTAAAAGTGCCGGTGGATAAGTTGCGTCTGCCAGAT
GCATACGAACCAGGCACCAACGGACATTCGATGAGACCAGGAGGTAGTGGTGGACTGGAT
GGTTATGGACGTCCAGGAGGTGCAGGAAGTTACGATGGTAGACCTGGCGGCAGTCCTGGC
ACTGGTGGAGCTGTATTGGATGCGTACGGACGACCAGTGGGCAGCTTTGACGCACACGGA
A

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583250
EST name: Anogamb_JHU98
GenBank Acc: GO935148
GenBank gi: 237829696

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: TACATCTATGATAGCAGACCCGATC
PCR backward: AATAGGTCTTCCGTGTGCGTCAAAG
Sequencing: TACATCTATGATAGCAGACCCGATC (Forward),
AATAGGTCTTCCGTGTGCGTCAAAG(Reverse)
PolyA Tail: no

SEQUENCE
TTACATCTATGATAGCAGACCCGATCCGCTAAAAGTGCCGGTGGATAAGTTGCGTCTGCC
AGATGCATACGAACCAGGCACCAACGGACATTCGATGAGACCAGGAGGTAGTGGTGGACT
GGATGGTTATGGACGTCCAGGAGGTGCAGGAAGTTACGATGGTAGACCTGGCGGCAGTCC
TGGCACTGGTGGAGCTGTATTGGATGCGTACGGACGACCAGTGGGCAGCTTTGACGCACA
CGGAAGACCTATTA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583249
EST name: Anogamb_JHU97
GenBank Acc: GO935147
GenBank gi: 237829695

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GGTGGCAGATATTCTTGGCGACTAC
PCR backward: CTACCGGTTCGGATGTTTCTTCTTC
Sequencing: GGTGGCAGATATTCTTGGCGACTAC (Forward),
CTACCGGTTCGGATGTTTCTTCTTC(Reverse)
PolyA Tail: no

SEQUENCE
GGTGGCAGATATTCTTGGCGACTACGCGGCGGAATCGACCGTGTCGGAGAGTGCGAACGA
AGTTGATGATGTCATCAGCAGCACTGGCGGCGAAACCAAGGAAGTTGTCAATTTGCTGAA
CGATTTCAACGAGGACGTTCTACCGCCAGCAGCAGACGCGCCGGTGTGCGATACCAACAG
CGAAACGGTAAACGAAGAAGAAACATCCGAACCGGTAGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583248
EST name: Anogamb_JHU96
GenBank Acc: GO935146
GenBank gi: 237829694

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GTTCTACGCCACACCGAACATTAAC
PCR backward: AAGTATACGGACGATGCTAGGAAGAGG
Sequencing: GTTCTACGCCACACCGAACATTAAC (Forward),
AAGTATACGGACGATGCTAGGAAGAGG(Reverse)
PolyA Tail: no

SEQUENCE
CACCGAACATTAACTACAATTTCCAGACCAACGCTGGCAATCCCTTCCACTACTACACAT
TCGGTGCTGCATGTTCTGAGGTGGAAATCGATTGTCTCACCGGCGATCATCAGGTGCTGC
GTACCGATATCGTCATGGACGTAGGTTCGAGCCTCAATCCGGCGATTGACATTGGGCAAA
TCGAGGGAGGATTCATGCAGGGCTATGGAATGTTCATGCTCGAGGAGATGATCTATTCGC
CCGCAGGGGAGGTATATTCGCGTGGTCCCGGCACCTACAAGCTGCCCGGGTTTGCGAACA
TCCCGGGAGAGCTGAACGTTTCGCTGCTAACTGGAGCACCGAATCCTCGGGCCGTATATT
CATCCAAAGCTATTGGAGAGCCGCCCCTCTTCCTAGCATCGT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution

mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583247
EST name: Anogamb_JHU95
GenBank Acc: GO935145
GenBank gi: 237829693

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CGGGAAAAAAGTGATCGACTCCTC
PCR backward: CTCCTTTATTTGGATGGGATTGGC
Sequencing: CGGGAAAAAAGTGATCGACTCCTC (Forward), CTCCTTTATTTGGATGGGATTGGC(Reverse)
PolyA Tail: no

SEQUENCE

AAGTTGCGCCTCTGCGGCACGAAACTCGGATGTGCCGAGGGAGGATGCGGAGCATGNACG
GTGATGGTGTCCAAGGTTGATCGTAAAACGGGCTCGCTGCATCATCTGGCAGTCAACGCT
TGTCTGACGCCCGTTTGTGCCGTTCACGGGATGGCTGTGACGACGGTCGAGGGTATCGGA
AGTACTCGGACGCGCCTCCACCCCGTCCAGGAGCGCATCGCCAAAGCGCACGGCTCGCAG
TGTGGCTTCTGTACTCCTGGTATCGTCATGTCGATGTACTCGTTGCTGCGCAGCTCTCCC
GTTCCCTCGATGAAAGAGCTGGAGGTTGCCTTCCAAGGGAATCTGTGTCGCTGCACCGGC
TATCGACCGATCCTGGAGGGGTACAAAACCTTCACCAAGGAGTTCGGCTGCGCCATGGGA
GACAAATGCTGTCGCAACGGCAATGGTAACGGATGTGGACAGAACGGCAACGGAGAGCTA
GACACCGAGCTGTTCCAGCCGAACGAGTTCGTTCCTTACGATCCATCTCAAGAGCCCATT
TTTCCACCGGAATTGAAGCTTTCCGACAAGCTCGACTCTGAATCGCTGGTCTTTCGAACC
TCCCGTACCGCTTGGTATCGACCAACAACGCTCAACGATCTGTTGGCCCTCAAGAAAGCC
C

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments

amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583246
EST name: Anogamb_JHU94
GenBank Acc: GO935144
GenBank gi: 237829692

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: acctggacgaaatggaggatagaatc
PCR backward: acaaatgtacacggacgtcttgccg
Sequencing: acctggacgaaatggaggatagaatcg (Forward), acaaatgtacacggacgtcttgccg(Reverse)
PolyA Tail: no

SEQUENCE
TGGAGGATAGAATCCGTTCCCAGCTTGAGAGCGGTCACTACGAACTGCGCCCGGACGGTC
TTTCCCTGGTGCTGGCAGATGACACCGGTGTAGATGCTGACGATCTAGGCAAGGATGAGG
TCATTCTTGAACCCTTCCCGGCTCTGTCCCGGGATCCCGTCCGCGGCCCCGCCCGCGACC
CCGTCCGCGACCCCGTCCGCGACGATGAAGGCGACGAGGAGGAGGACGATGAGGAGGAGG
AAGACGAGGATTACGCTACCGATCGACCGATCGGTGGCCCGAACGACGTGGATGACGTGG
AGCCGACCACGGTGCGGGCTCGCTTCGGCGATTACGATGCGGAGGAAACGCAGGATCTGT
GCCGGGGCGAC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY

dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583245
EST name: Anogamb_JHU92
GenBank Acc: GO935143
GenBank gi: 237829691

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: catcataatggtacaggtcgagaacg
PCR backward: agtggtgggagttgcactttgttag
Sequencing: catcataatggtacaggtcgagaacg (Forward), agtggtgggagttgcactttgttag(Reverse)
PolyA Tail: no

SEQUENCE
TCATCATAATGGTACAGGTCGAGAACGAGGCACGCCGACAAGCTCACTAGTGTTACGTGT
TCCGCTCCATACCGTGTCAAGTCACTCGTCTGACACGGAAGTAGCCAGCTCTTGTCCACT
AGTGTTAAGGAACGGTCTCCAGACCAAGTCAAGTCACTCGTCTGACAAGGAAAGAGCACG

CACCAAGCTTCACCAGAGCACGGTACCACGGTCCCCAGACCAAGATGGTTCGTTACGCCA
TCGAGGAAGGGGCACGCGATCCCTTGCTACACTCAACTAAGTACACTCTTGCTCTCACAA
AAGTATCCCCTGTGTCGACGTGGTCCCCAGACCAAGACGAGCTTGCGCACATCGAGGAAG
GGGCACACGGACAAACCACCAAGCATGGGTCGCCTGAGAGGATCGATGCGAACGCATCTC
TACAACTCGCAGCTCCCAGCCTGAAGTCCCGTCGTTTGCGGGCGGTTGATAGGTGTCGAA
ACTAGGTATATCCACGTTGGGCAGAGCTCAAGCCAACGGCGTTCCCAGTTACGGTACTAA
CAAAGTGCAACTCCCACCACTA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583244
EST name: Anogamb_JHU91
GenBank Acc: GO935142
GenBank gi: 237829690

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gcggctaggatatcttgggaaaatac
PCR backward: aacgcttgataatgtgccttgatgtag
Sequencing: gcggctaggatatcttgggaaaatac (Forward),
aacgcttgataatgtgccttgatgtag(Reverse)
PolyA Tail: no

SEQUENCE
TGCGGCTAGGATATCTTGGGAAAATACCGTCCTTGCTGGATCTGCAGATAGAGCTTCTAC
GGTATGCTTCGCTAGAGCTAATCCACTACGCAATATTTAGCTCGTTCCGCTACATGGATC
AAACAGCGATCGATATCGAGGCTTTGCTTAAGGGAGAGCTAGATAATCCCGTCCTCAATA
ATCCAGAGTTCAAGAAGCTAATGCATACCGAGCTAACGGCTTCCTACATCAAGGCACATT
ATCAAGCGTTAAAGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583243
EST name: Anogamb_JHU89
GenBank Acc: GO935141
GenBank gi: 237829689

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: tatgtggagaaaaatggagcgttttc
PCR backward: agatcgccatggtttaagactttcag
Sequencing: tatgtggagaaaaatggagcgttttc (Forward),
agatcgccatggtttaagactttcag(Reverse)
PolyA Tail: no

SEQUENCE
TTATGTGGAGANAAATGGAGCGTTTTCGGATCTCTTTGCCGAGGGTGTAATTTCGGAACG
CACAATTGACGCACTGCGCGGACACTACGAGTCGTTATATAGTGCCTTTGTACAAAGTTT
GCGTGATCGTAACATGGCTCCCGAATACTTGCAGCCACTGATCAAATTTGANGGACAATT
GCTGCGTGAATGCTGTAAGGCACAGCAGGTGCATCATTCTGAGCTGAAAGTCTTAAACC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583242
EST name: Anogamb_JHU88
GenBank Acc: GO935140
GenBank gi: 237829688

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CAAGGACTACAAGAAGGCCCATTTG
PCR backward: CGTCGTTCTCCTCGATGTAGTTGAG
Sequencing: CAAGGACTACAAGAAGGCCCATTTG (Forward),
CGTCGTTCTCCTCGATGTAGTTGAG(Reverse)
PolyA Tail: no

SEQUENCE
AGGACTACAAGAAGGCCCATTTGGGCACCCGCTGGAAGTCCAACCCGTTCGCCGGAGCGT
CCCACGCCAAGGGAATCGTGCTCGAGAAGGTGGGCGTCGAAGCCAAGCAGCCGAACTCCG
CCATCCGCAAGTGCGTCCGTGTGCAGCTCATCAAGAACGGCAAGAAGATCACCGCGTTCG
TGCCCCGGGACGGTTGCCTCAACTACATCGAGGAGAACGACG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,

Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583241
EST name: Anogamb_JHU85
GenBank Acc: GO935139
GenBank gi: 237829687

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gttcctggtgatgggactttcgtc
PCR backward: ttattttcttccaacagcctcctc
Sequencing: gttcctggtgatgggactttcgtc (Forward),
ttattttcttccaacagcctcctc(Reverse)
PolyA Tail: no

SEQUENCE

GTTCCTGGTGATGGGACTTTCGTCCGCCGTCGGCATACTGGCGGCCCTCTTCCTGCCGGA
AACGCTGCACCAATCGCTACCGAACACGATCGAGGAGGCGCAAAAGTTTGGCAAAAATCA
ACGCTTCTGGTCGCTACCGAAAGCACCCCAGGTTACTCGGGAGGCGGATAGTAACACCGA
CAAGCGCNCACGACGGTTCCGATGCAAAGCCGGAGGAATCGATTCGGCTGACAGTACCCG
TCGAAG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544

E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583240
EST name: Anogamb_JHU78
GenBank Acc: GO935138
GenBank gi: 237829686

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CCGATCAATCAGTACTTGTGCTACG
PCR backward: ACGCCGTCCAAGCGGTTGAAGAAC
Sequencing: CCGATCAATCAGTACTTGTGCTACG (Forward), ACGCCGTCCAAGCGGTTGAAGAAC(Reverse)
PolyA Tail: no

SEQUENCE
TCAGTACTTGTGCTACGATGCGCTGGAGTGTCTGCAGGAGGCGGACCTCACGGAGGAGGA
GTGTGCCCCGACCGGTTCGCGCTACGATGGGCAGATTGCCGTGTTCGGGCGCATGTTCCA
GGACGTGCTGGGTCAGCTGAAGTACTTCATCGTCGGNGCCGGTGCGATCGGCTGCGAGCT
GCTGAAGAACTTTGCGATGATTGGCGTCGCGTCCAAGGGCGACGGTGAAATCATCGTCAC
CGATATGGATCTGATCGAGAAGAGCAACCTGAACCGGCAGTTCCTGTTCCGGCCGCACGA
TGTGCAGCAGCCGAAGTCGCGCGTCGCCGCCCAGGCCGTGAAGCGCATGAACGGCGACAT
TAAGGTGACGTCGCACGAGAACCGCGTCGGGCCGGAAACGGAGCGCTTCTACGACGACAC
GTTCTTCAACCGCTTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments

amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583239
EST name: Anogamb_JHU77
GenBank Acc: GO935137
GenBank gi: 237829685

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GACTTCACCGTGTACGACCAGAATG
PCR backward: GAAGCTCATCTGCTTCGACATCTTC
Sequencing: GACTTCACCGTGTACGACCAGAATG (Forward), GAAGCTCATCTGCTTCGACATCTTC(Reverse)
PolyA Tail: no

SEQUENCE
ACGACCAGAATGGGGCCAACCCGAGCTCGGCCATGGTGGCCAGCATTACGAACGACGCGG
AAAGTCTCGTTACGTGCGTGGACGAGACGCGCCACGGGTTCGAGGATGGCGATTATGTTA
CCTTCACCGAGGTGCAAGGAATGACGGAGCTGAACGGTTGCGCACCGATGAAGATCAAGG
TGCTGGGACCGTACACGTTCAGCATCGGCGATACGAGCAAGCTGAGCCCGTACCTGCGCG
GTGGCATCGCGACCCAGGTGAAGATGTCGAAGCAGATGAGCTTCATCGGTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule

Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583238
EST name: Anogamb_JHU76
GenBank Acc: GO935136
GenBank gi: 237829684

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AGGAAATCGACGAGGGGCTGTACTC
PCR backward: GGTCAGATAGAACTGGGACGACAGG
Sequencing: AGGAAATCGACGAGGGGCTGTACTC (Forward), GGTCAGATAGAACTGGGACGACAGG(Reverse)
PolyA Tail: no

SEQUENCE
GAAATCGACGAGGGGCTGTACTCGCGCCAGCTGTACGTGCTCGGCCACGACGCGATGCGC
CGGATGGCCCGGTCGGACGTGCTGATTTCCGGGCTCGGCGGGCTCGGCGTGGAGGTGGCG
AAGAACGTGATCCTGGGCGGCGTGAAATCTGTCACGCTGCATGACACGGCAGTCTGCACG
GTCGGCGACCTGTCGTCCCAGTTCTATCTGACC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583237
EST name: Anogamb_JHU75
GenBank Acc: GO935135
GenBank gi: 237829683

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CAAGGAGGACAAGTGTCGCATCTG
PCR backward: GAAAGTCGATCCGATAGTTACCATTG
Sequencing: CAAGGAGGACAAGTGTCGCATCTG (Forward), GAAAGTCGATCCGATAGTTACCATTG(Reverse)
PolyA Tail: no

SEQUENCE

GTGTCGCATCTGTCGCGGCGACGGCAGCAGCTGCAAGACGGCGTCCGGGCTGCTCGATGC
CAGCAACCTGCAGGTCGGGTACAACGATCTGCTGCTCATCCCGGCCGGTGCCACGAACGT
GCTGATCAGCGAGCGGGCCCCCTCGAACAACTATCTGGCGATTCGGAATCTGACCGGCTT
CTACCATCTCAATGGTAACTATCGGATCGACTTT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583236
EST name: Anogamb_JHU74
GenBank Acc: GO935134
GenBank gi: 237829682

CLONE INFO
DNA type: cDNA

PRIMERS

PCR forward: CAAAAGTGTGGCCAGCAGTCCTG
PCR backward: GACGTACCACTCGGGACAGATAATAC
Sequencing: CAAAAGTGTGGCCAGCAGTCCTG (Forward),
GACGTACCACTCGGGACAGATAATAC(Reverse)
PolyA Tail: no

SEQUENCE

TCAAAAGTGTGGCCAGCAGTCCTGTCCGCCCCGCTGGTTCGAGGGGCCGTGGAGCAACTG
CTCGAAACCNTGCGGCACCGAGGGCAAGCAGACGCGCGAAGTGTACTGCGAGCGTGTGTC
GGCTGACGGTGAAACGAAAAAGATCGAAGATGACGTTTGCCTCGAGCAGGTCGGCAATAA
GCCGGCGACGGAGCGGGAATGCAATCAGGGTATTATCTGTCCCGAGTGGTACGTC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583235
EST name: Anogamb_JHU73
GenBank Acc: GO935133

GenBank gi: 237829681

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AACCCAACGTCTTCAAACTTTCTCAG
PCR backward: CATCGTAGTTAAACGCCTCCTTCAAC
Sequencing: AACCCAACGTCTTCAAACTTTCTCAG(Forward),
CATCGTAGTTAAACGCCTCCTTCAAC(Reverse)
PolyA Tail: no

SEQUENCE
TTCAAACTTTCTCAGCGCTGGAGCGGCGGCACTGCGCGATTACGTCGGCAATACGACGAC
CGTGATGGGGCAGGTGTTCCGCGAGGTGGCACAGGTTGCCGTCGATCGTACCACGGCACC
GGCCGTCGTCTTCACCCGGCTTACGCTGGCCGTCCAGGGTGTGGCACAGTGGAACCGAAA
CC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583234
EST name: Anogamb_JHU72
GenBank Acc: GO935132
GenBank gi: 237829680

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ACGAATCTCGAAAATCAAGGCTCATC
PCR backward: CTGGACCTGCTGGAAGTACAGATG
Sequencing: ACGAATCTCGAAAATCAAGGCTCATC(Forward), CTGGACCTGCTGGAAGTACAGATG(Reverse)
PolyA Tail: no

SEQUENCE
TACGAATCTCGAAAATCAAGGCTCATCGCAGCTGGTGTCGCTTGCGAATAATTTCCTACG
GCCGTACGTTACCGCAGTCTATGGGCGATTGAATATCTGCTTCCAGCAACCGTTCGAGAG
GATGAGCGAATGTTTGGACGATATCGTTGCTACCATTGACTTCAGGGATAAGTTCTTCCT
GCTCGATCTTGCCAGCCATCTGTACTT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583233
EST name: Anogamb_JHU71
GenBank Acc: GO935131
GenBank gi: 237829679

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: agttcctctcaaaacgattgacgaac
PCR backward: atcctgtttgacgtctgcactatgac
Sequencing: agttcctctcaaaacgattgacgaac(Forward),
atcctgtttgacgtctgcactatgac(Reverse)
PolyA Tail: no

SEQUENCE
ATCGTCGACAACAAACTGATCGATCAGCTTGATTCGTTCGGCATTCCGGAGGCGATACGG
CGACAGCTGATCGAGCAGCAGCAGGTGTCCGGCGGTGCAGCGATGCTCCACGAGCACGAC
GAAGACGACGACGATGGTCAGCTGATGATGGGCGAGGAGAAGCAGTCCGACTACGACGGC
GCGGATGATGGTGCGGAGAAGGAGGATCTGCATCACGAGAAGG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution

mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583232
EST name: Anogamb_JHU70
GenBank Acc: GO935130
GenBank gi: 237829678

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: atttcctgcagaacaataagctgctc
PCR backward: gtcgtccgagcagatgttaagtacg
Sequencing: atttcctgcagaacaataagctgctc(Forward), gtcgtccgagcagatgttaagtacg(Reverse)
PolyA Tail: no

SEQUENCE

CTCCATTATCCGGGCGCACGAGGCGCAGGACGCCGGCTACCGCATGTACCGGAAGAGCTC
GACCACCGGCTTCCCCTCGCTGATCACCATCTTCTCCGCGCCGAACTATCTCGACGTCTA
CAACAACAAGGCGGCGGTGCTCAAGTACGAGAACAACGTCATGAACATCCGGCAGTTCAA
CTGCTCGCCCCACCCGTACTGGCTTCCGAACTTCATGGACGTCTTCACCTGGTCGCTGCC
GTTCGTCGGCGAGAAGGTGACCGAGATGCTGGTCAACGTACTTAACATCTGCTCGGACGA
C

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,

Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583231
EST name: Anogamb_JHU69
GenBank Acc: GO935129
GenBank gi: 237829677

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: tgccaggacgtacttctaccttaatg
PCR backward: tggttttgtgatgcgttaaaatgttc
Sequencing: tgccaggacgtacttctaccttaatg(Forward), tggttttgtgatgcgttaaaatgttc(Reverse)
PolyA Tail: no

SEQUENCE
ACTTTCCTCGAGTGTCTCGACGCGGTCAAAGGCGCCACATTCGGTACTGGTATTACTGCT
ATTAAACTTACTGCCCTCGGTAGACCACAGCTGCTACTTCAAGTGTCGGAAGTAATCATG
CAGGCTC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER

Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS

Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583230
EST name: Anogamb_JHU68
GenBank Acc: GO935128
GenBank gi: 237829676

CLONE INFO

DNA type: cDNA

PRIMERS

PCR forward: tggaccactaccagacatacaagagc
PCR backward: gaaaggtcctctaggctcaggtttc
Sequencing: tggaccactaccagacatacaagagc(Forward), gaaaggtcctctaggctcaggtttc(Reverse)
PolyA Tail: no

SEQUENCE

CTCAATAGCGAGCGCGTTCGCTTTCTCGGTGTAAACAGCACCGAGTACTGTCTGCCCGAA
AGCCTTCACCTAGCCCCGGGCAAGAATATCTGGTGGCCTGCCCGGCTGGGAGAATCGGTT
GCACCCCGAAATCTCTGCCTGATCGAGCAGAGCGGCCTGCCGGTGACGCGCCGCTGCCTG
GGCGACTATCTGTACGGCTGTGCGTGGGACTGGAATCCGGGCAGTGAGCTGTGCACCGGG
CAGCATCGGCCCACGACCAGCGCGCTCTACCAGTACAGCGTCACTTCGCTGAATCACAGC
GTGCTCGGCGAGGTGCTGACCAGGGCCGGTGAGATACTGGCCGTCCCCGAGCAGGTCATT
CCCGCCGATCTGTTCTATCTATCCAAGACACTCGAGAACGTGCCGCCAGTGCTCGAACAG
CCGCAGACGGGATCTCCGGACGAGGAGCGCCGTGCTTACTTCTGCAACGTCAGCACCATC
CTGAGCCGGGTAATGTACCTGAACGAGACGACAGTGGTGCTATCGCAGCGGGCACTGAAC
ACTACCAACATTTTGCTGGACGCGACTGAAACTATCGTTAACCGGCTGGCGGTCGCTAAC
GATACGCGCGCGATGATGCTGGCGGGCGATCAGTACGATTGTCGAGATCGGGGCGGTGCG
ATACAGCGGCACGTACAGCGGCACGACGGGACGGTACTGTTTCGTACCGCGCGGTTGATT
GTGTTGATAGCAGACCCGACGGTCGCGAACGTGACCGGG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583229
EST name: Anogamb_JHU65
GenBank Acc: GO935127
GenBank gi: 237829675

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: cttcacgaagtacgtgtcggagatc
PCR backward: ggaacttgggatggaaacgatacac
Sequencing: cttcacgaagtacgtgtcggagatc(Forward), ggaacttgggatggaaacgatacac(Reverse)
PolyA Tail: no

SEQUENCE

TCTTCACGAAGTACGTGTCGGAGATCGAGTCGGACAAACCGGGCACCTACTACAACTGCC
GGGAGGTGCTGGAGGAGCTCGGGCTGGAGCACGCGACCGACGAGGACTGTGCGAACGTGC
GCTACATCTGCGAGTGCGTCTCGAGCCGGGCGGCCCATCTCGTGTCCGCCGGCATTGCGG
CACTGATCAACAAAATGGACGAACCGAGCGTGACGGTNGGCGTGGACGGTTCCGTGTATC
GTTTCCATCCCAAGTTCCA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583228
EST name: Anogamb_JHU62
GenBank Acc: GO935126
GenBank gi: 237829674

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: aagtgtctgaaagacgaggatccg
PCR backward: taaaatctccagcagcttcatcaacac
Sequencing: aagtgtctgaaagacgaggatccg(Forward),
taaaatctccagcagcttcatcaacac(Reverse)
PolyA Tail: no

SEQUENCE

AAAGACGAGGATCCGTATGTACGCAAGACTGCTGCCGTATGTGTGGCCAAGCTGTACGAC
ATCTCCAGCTCGATGGTGGAAGATCAAGGATTTCTGGACCAGCTGAAGGATCTGCTGTCC
GATTCGAATCCGATGGTGGTGGCCAACGCCGTTGCCGCGCTGAGTGAGATCAACGAAGCA
AGTGCGAGTGGGCAACCGCTGGTCGAGATGAATTCGGTCACCATCAACAAACTGCTGACG
GCGCTAAACGAATGCACCGAGTGGGGCCAGGTGTTCATCCTGGATTCGCTGGCAAACTAC
ACCCCGAAAGACGAACGGGAGGCACAATCGATCTGCGAACGTATTACGCCTCGCTTGGCC
CACGCTAATGCGGCCGTTGTGTTGAGCGCGATCAAGGTGTTGATGAAGCTGCTGGAGATT
TTAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583227
EST name: Anogamb_JHU58
GenBank Acc: GO935125
GenBank gi: 237829673

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gtgtcaaaccgattcttgactattcg
PCR backward: aggtagaagtacgtcctggcactctg
Sequencing: gtgtcaaaccgattcttgactattcg(Forward),
aggtagaagtacgtcctggcactctg(Reverse)
PolyA Tail: no

SEQUENCE
GTGTCAAACCGATTCTTGACTATTCGGTAGAGGAAGATCTGTCCCAGGAGGAGGCAGAAA
AGCGCGAAGTTGAAGCTTCCGTGTCGTCCGCGGGAACCAACCTGTCGGAGGACAGTGCTG
ACTCGCTGCCACAGTACAGCGTCGATAAAACGTCGCCGATCGGCGATACA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583226
EST name: Anogamb_JHU56
GenBank Acc: GO935124
GenBank gi: 237829672

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: taccaggatcgagaaccatcaaaaag
PCR backward: tcaaaatctccaaagtcttccgtagc
Sequencing: taccaggatcgagaaccatcaaaaag(Forward),
tcaaaatctccaaagtcttccgtagc(Reverse)
PolyA Tail: no

SEQUENCE
TACCAGGANCGAGAACCATCAAAAAGCCCTGCCACGCGTCAGAACTCCAGTTTATCCACT
GGTTCCACGTCTGCTTTCGGAGGTGGTGGAGGTACTGGTGGTAGTGAACGGAAGATAAAT
CTGAACATTAAACCTACCGGTAGTTCCTCCACTGGCAGTTCATTGAGAAGCGCACAGAAA
ACGACAAAGAAAATTGATCTCGGAGCCGCCAGCGGGTTTGCTAAAACTGCAGCAACCGCA
TCAGCCGCATCGGCATCGGCAACGCCGGTCGACCAGTTTGGCATCAATTCTCCAACACAT
CGCAATACGCATGCCGAAGAAATAGTAGGCACGGGNGGAAAGCAGCAAGACATAATAGAT
GATCTGTTTAAAACTTGTCCCACAAAATCGGCTTCCACCACGGATGCCCNGGTAGANGAG
GACGACTTCAACCCAAGAGCTACGGAAGACTTTGGAGATTTTGAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583225
EST name: Anogamb_JHU45
GenBank Acc: GO935123
GenBank gi: 237829671

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: agcctgccggatccaatcgaaaag
PCR backward: gaatgctccacaaagacgaaactc
Sequencing: agcctgccggatccaatcgaaaag(Forward), gaatgctccacaaagacgaaactc(Reverse)
PolyA Tail: no

SEQUENCE
AGTGGNACNCCGTCAGCAAGGGTGCGGGAACGCCACAGTTTCTGAGAGCAATTCTGATGC
CGCAAGAGTTTCGTCTTTGTGGAGCATTCA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,

MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583318
EST name: Anogamb_NIMR107
GenBank Acc: GO935216
GenBank gi: 237829670

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GAACATTGGCTACCTGCAGCGGGTC
PCR backward: TACGCTGGAAAGAAACTGCACGCTCG
Sequencing: GAACATTGGCTACCTGCAGCGGGTC(Forward), TACGCTGGAAAGAAACTGCACGCTCG(Reverse)
PolyA Tail: no

SEQUENCE

TTTGATCGCTTTTTGACAGGATTTGTGGGCGAATGTTTGATCTTGCCGGGAACGTGGGTC
GCACGTTGCTCCAATCCCAAGCGCTGGACGTGGCCTACGATTGGTGGTCTCGCTTAGCAG
CAAGCTTTATCGAGAGCAAACGTGAATCCAGCATTCGTCCACGTGCCTGCCTGCCAACAC
CCGTGCAGGAGGTAGTGCAGGCATTGGTTTCGCCCGACGATCATGTACGGGAGCGTCTTT
TCGTCCGATTAAAGTGTCTGCCGAAACAGTCGAACGAACCGTCTGTGTTGCTGCTAGCAT
TGGAACGAATTCGAGCAGCGAATCTGCTTACCCCCGGCAAACTGTTTGCCGTGCTGGAGA
GTTTGATTAAATCCGACCCGGGGCGGTTTCTGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut

Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583317
EST name: Anogamb_NIMR106
GenBank Acc: GO935215
GenBank gi: 237829669

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GGTTCGACAGTTCCGCTACTGGACG
PCR backward: GCCGCAACCGTTGGAAACATCATCTTC
Sequencing: GGTTCGACAGTTCCGCTACTGGACG(Forward), GCCGCAACCGTTGGAAACATCATCTTC(Reverse)
PolyA Tail: no

SEQUENCE
CCCCAGCTGAACCGCATCTGCTTTTCGGTGATGTGCGCGACGTGAACAAAACCTATCATA
TTGGTGAAAAGTTTCGTCAGCTTTACAACGAGCTCAAAGGAAAACATCCATTCGGTGGCA
TTTACATGTTTACTAAACCCGTTGCACTGGTAACCGATCTGGAGCTTGTGAAGAATGTTT
TTGTGAAGGATTTTCAGTACTTTCACGATCGCGGTACGTACTACAACGAGAAGCATGATC
CACTGTCGGCGCATCTGTTCAATCTGGAGGGTTACAAGTGGAAGTCGCTACGGAATAAGA
TCACACCTACATTCACTTCGGGAAAGATGAAGATG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583316
EST name: Anogamb_NIMR31
GenBank Acc: GO935214
GenBank gi: 237829668

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AGGCACTGGATCAGGAAAGTGATTCG
PCR backward: GATCTTCTTCTCCTTCATCGGCTTC
Sequencing: AGGCACTGGATCAGGAAAGTGATTCG(Forward), GATCTTCTTCTCCTTCATCGGCTTC(Reverse)
PolyA Tail: no

SEQUENCE
TCGAAGTCGTCAATCCGGACCGGACGGCGGCGGACCATTCGGATCCCGCCCTGGACGTTA
CCATCCGCTACACGATCTGCCTGTTCTGCAAGAAGCCGTTCCAGCTGAAGAAGGAGCTGA

AGAAGCACCTGTTCGAGCACATGAAGAACCTGAAGCCGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583315
EST name: Anogamb_NIMR30
GenBank Acc: GO935213
GenBank gi: 237829667

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ACGAATCGGTGTGGCCTGTTTTTC
PCR backward: CTTCGTACTGGTCGAGGTAAAAGTCG
Sequencing: ACGAATCGGTGTGGCCTGTTTTTC(Forward), CTTCGTACTGGTCGAGGTAAAAGTCG(Reverse)

PolyA Tail: no

SEQUENCE

GTGGATGCAACAAGCTGAACGCAATGCCGAGGGCGAAGAGCAGCCGAAGGAACGCGTCAT
CTTCCCGGCCGATGCAACACAACACTCCCACTCCGACGGGGCGGACCGTCGTCCGGAGAG
CTTGCTCGATCTGGTGGAACATTCCAAGCGGTTCGAAGACATGAGTCTTATCCCAGGAGG
TGAATATGTAATCGGCACGAATGAACCAATCTTCGTCAAGGATCGCGAATCACCGGCCCG
GCCCGCGACGATCCG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583314
EST name: Anogamb_NIMR29
GenBank Acc: GO935212
GenBank gi: 237829666

CLONE INFO

DNA type: cDNA

PRIMERS
PCR forward: GAACTGCGGTAAAGGTACGACACATC
PCR backward: GGTATCCGAACTTGGTCTTGATCG
Sequencing: GAACTGCGGTAAAGGTACGACACATC(Forward), GGTATCCGAACTTGGTCTTGATCG(Reverse)
PolyA Tail: no

SEQUENCE
AAAGCAGGGCAAAATAATGGAAGCCCTGGAGAAGCTGAAGGAAGGCCAGGCGTTTAATGT
GGTGGCGACCAACTACAGCGAGGACAAGGCACGCCAGGGTGGCGATCTCGGGTGGCAGAT
CGCGGTGCCATGGTGGGACCGTTCCAGGATGCGGCATTTGCGTTACCAATCTCCACTACC
AACGCGCCCAAGTACACGGATCCACCGATC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583313
EST name: Anogamb_NIMR28
GenBank Acc: GO935211
GenBank gi: 237829665

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CCAGTCGCTAATGAATGACTTTCAG
PCR backward: CCAAATACTTGACAAAGCGCAACC
Sequencing: CCAGTCGCTAATGAATGACTTTCAG(Forward),
CCAAATACTTGACAAAGCGCAACC(Reverse)
PolyA Tail: no

SEQUENCE

CGATACTATGGACAGCATCGTCCGGCTACTGGCCACCGGATATCAGAACACTTTTGGTCA
ACTCTTTCTTGAAGAAAGTTTCCAACGGCTCAATCAAACGCTCGACTACGGGCGTGAGGT
AGTTCGGAACGGGCTCAGCAATCTGGCCGACCAAGCCGGTCAGGGGTTTGAACGAATCAT
CACACGCTTCAACAGCTCAACCGGAGCTGTTAGACAGTGTGTCGGGGATAATCTGAACCC
AACGAACGTTGCCAGATCCGTTGTGGACCGAGGCTACAATTGCATCAATCGAAAATGGCA
ACAGTTGACTGAACTGGCTGGAAACATCGGTGAGGATATAGTCGCTGCGGATAAAGGTGC
TGCGGAGTTTCTTGCAAATTTAACCACCTGCAATGGGGCAGCCAACTTCAGCTCATCGGT
GTCGACATCGGAACGAAACACCTTGCGCCGTCAGTGTTATGTGCGTGTTATCACCTCCTT
TCCGCAACCGCTACTATTTCTGCCCGTCTCACTCGCCATCGATGGTGCCAAGCTGTACGC
TTCAGTTTCCGGACTGGAAGTAGATATCGGAGCCTGTGCGGCCGAGGTTGCCCTTGCGAT
CGGAATGACGACGGCACAGAT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,

Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583312
EST name: Anogamb_JHU63
GenBank Acc: GO935210
GenBank gi: 237829664

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: aagacgaagattttcatccgcttcc
PCR backward: gtagttgcgcttgctgttcttgaac
Sequencing: aagacgaagattttcatccgcttcc(Forward), gtagttgcgcttgctgttcttgaac(Reverse)
PolyA Tail: no

SEQUENCE

TTCATCCGCTTCCCGAAGACGCTGTTCGACACGGAGGATGCGTTCCAGGCGCGCAAACAC
TATCTGGCCTCGATCATACAGGCCCGCTGGAAGGGACGCCGGCAGCGCAAGGCGTACCTC
GAGATTCGGCGCAAGATTATCGTGGGGCAGACGTACATCCGGCGCTATCTGGCAGTGCAG
ACGCTGAAGCGGAGGCGCGACGCGGCGGCCAAGATACGGTTCTTCATCAAGGGCTTCATC
ACGCGGCACGACGAACCGAACGAGTGCAACCGGTCGTTCATCCAGCTGACCAAGCGCCAC
TGGCTGCTGAAGCTGGCGAAAAGCTTGCCGACGTCGTTCATGAACCACACCTGGATAGCC
GCGCCGAAGCACTGCCAGGACGCATCGATACTGCTGCGCCAGATGCACAAGCTGCACCTT
GCCCGGTGCTACCGGGTGGCACTGAACGCGGAAAGGAAGCGCCAGCTCGACCTGAAGGTC
CTGTCCGAGGCGGTGTTCAAGAACAGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns

Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583311
EST name: Anogamb_JHU59
GenBank Acc: GO935209
GenBank gi: 237829663

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gcatacggcttggagtgttatacctg
PCR backward: caccccttcgttgatatcagttttac
Sequencing: gcatacggcttggagtgttatacctg(Forward), caccccttcgttgatatcagttttac(Reverse)
PolyA Tail: no

SEQUENCE

TGCATACGGGGCTGGAGTGTTATACCTGCAGTACCGATAGCAGTGATCTAGANTGTGACA
ATCTTGCTGNGCTGGAGAAAACTTCCTGCCAACCATTCAGCGCCNCCAATCATCCAGTGC
AACCGGTCTGTGGCTACAAACGTCTCCTTCCAACCGCCAGCGAAGCNNCGCAACGTATCT
GGCGTGGCTGTGCCGTTAGTGGCGAGTGTGCCNTACTGTCCCGGCAGGGCAATGAGGCGT
TCAGCTCCGCGTTTCGCATGTCCGCCTGCGAGGAGTGCGAAGAGGATGATTGCAATGGAC
CAAAAAGTGGCGCCACAAGGTCCCAAACCGCCTGGTGGACCGTGGGTCTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut

Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583310
EST name: Anogamb_JHU48
GenBank Acc: GO935208
GenBank gi: 237829662

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GTGGCATGTTTAGATCTTACCGTACC
PCR backward: ctcgacggtgaactggtgtaggtag
Sequencing: GTGGCATGTTTAGATCTTACCGTACC(Forward), ctcgacggtgaactggtgtaggtag(Reverse)
PolyA Tail: no

SEQUENCE
TTAGATCTTACCGTACCAACGTCCCGCGATTGGTGGGAAAAGGCTGCCTTCTATCAAATC
TATCCCCGATCGTTCATGGACAGTGATGGGGATGGTGTGGGCGATCTTAACGGAATTGCT
TCGAAGCTGCCGTACCTGAAGTCGATCGGAGTGAAGGCGTTCTGGATGTCACCGATCTAC
AAATCACCGATGGTCGATTTTGGCTATGATATTTCTGACTTTCGGGACATTCACGAGGAG
TTTGGAACGATGGCTGACTTTGAGCGGTTGGTGGAGCAGGCGCACGGGCTCGGCCTGAAG
GTGATCATGGACTTTGTGCCGAACCATTCGAGCAATCTGCACGAGTGGTTCGTAAAGTCG
GAACAGCGAGAGCCGGGCTATGAGGACTATTACGTGTGGCATGATGGGAAGGTTAATCCG
GCGGGCGGTAGGAACTTACCACCAAACAATTGGATTCAAGCCTTCCGTGGCAGTGCATGG
CAGTGGAGTGATCAGCGGCAACAGTACTACCTAC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583309
EST name: Anogamb_JHU47
GenBank Acc: GO935207
GenBank gi: 237829661

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: tggtggtccaagataatgacaatacg
PCR backward: aagctggccaggaagaaaaagacgc
Sequencing: tggtggtccaagataatgacaatacg(Forward), aagctggccaggaagaaaaagacgc(Reverse)
PolyA Tail: no

SEQUENCE
CGGGCTGCCGATGGTGCAACGAGCATGACGGATGCAATTCGGCGGTAGCTTTAAGGCCAG
CGTGCTCGTGATTGCCAGCCTGTTGGTGGTCGGAGTGCNG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583308
EST name: Anogamb_JHU46
GenBank Acc: GO935206
GenBank gi: 237829660

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: tggtggtccaagataatgacaatacg

PCR backward: ttattggaaaacctttgcagcactc
Sequencing: tggtggtccaagataatgacaatacg(Forward),
ttattggaaaacctttgcagcactc(Reverse)
PolyA Tail: no

SEQUENCE

TGGTGGTCCAAGATAATGACAATACGCTGAGGGCACGCGGTTGCTCCTACGATACGGTTG
ACGTTTGTCCGGGCGAGGTACGCATCGGTGTGCAGACGGGCTGCCGATGGTGCAACGAGC
ATGACGGATGCAATTCGGCCGGTAGCTTTAAGGCCAGCGTGCTCGTGATTCCAGCCTGTT
GGTGGTCGGAGTGCTGCAAAAGGNTTTCCAATAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583307
EST name: Anogamb_JHU35
GenBank Acc: GO935205
GenBank gi: 237829659

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ggcgaaaaacttcatcgatctgac
PCR backward: atcacgccgtagtagcccttgtag
Sequencing: ggcgaaaaacttcatcgatctgac(Forward), atcacgccgtagtagcccttgtag(Reverse)
PolyA Tail: no

SEQUENCE
GGCGAAAAACTTCATCGATCTGACGCCAGAANNNNGCGATCGAGGCGACAGAGGGCAGCG
CGGCGATCAAGGTGTTCCGGGCGATTTGGGCGACTTTGGAGCTGTTGGATATCCGGGACG
GCCGGGCGAACAGGGCGAATACGGTGACGACGGTGACTCTGGCCGGCCGGGTCTGGACGG
GCTGCCGGGCATGGACGGTCGCAACGGTGCGCCGGGTCGGGATGCGTTCGTCAACGAGTA
AACATCTGGTCTATTCGCGGCACACCTGGTGTACCGGGCGACAAAGGTGCCAAAGGAGAG
CGCGGTGACCAGGGAGATCGGGGCGAACCGGGCGNNATGTCGGAGATGACGTACAGCATC
GCGGGCCCGAAAGGCTTGCCGGGAGTGCCCGGCGACGTCNGCCCCAAGGGCGAAAAGGGC
TNCNNGGGCTACNACNGCNTGATA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583306
EST name: Anogamb_JHU22
GenBank Acc: GO935204
GenBank gi: 237829658

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CATGATGAAGTTCGCCTGCTTCGAG
PCR backward: TTCTTCTTCAGCGACTCCGGCATC
Sequencing: CATGATGAAGTTCGCCTGCTTCGAG(Forward),
TTCTTCTTCAGCGACTCCGGCATC(Reverse)
PolyA Tail: no

SEQUENCE
CATGATGNNNTTCGCCTGCTTCGAGAAGACCGTCGAGCTGTTGTACAAGCATGTCGTGCC
GAAGCCACGCGACCAGTGCTCGAAGGGTGAGCAGCTGATTGTGACGTTCGCTGCCGGCTA
CATTGCCGGTGTGTTCTGTGCCGTGGTGTCCCATCCGGCCGATGTGGTGGTGTCCAAGCT
GAACCAGGCCAAGGGATCGTCCGCGATCGATGTGGCCAAGCAGCTGGGCTTCATGGGCAT
GTGGAACGGTCTGACGCCGCGTATCATCATGATCGGTACGCTGACCGCCCTGCAGTGGTT
CATCTACGACGGTGTGAAGGTTGCCCTCTCCATCCCCCGCCCACCCCCGCCAGAGATGCC
GGAGTCGCTGNAGAAGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution

mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583305
EST name: Anogamb_JHU08
GenBank Acc: GO935203
GenBank gi: 237829657

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GAAGGTTACGATATCGACGATGCCAAC
PCR backward: GGCCCCATTGGTCGGTTGATTAAC
Sequencing: GAAGGTTACGATATCGACGATGCCAAC(Forward), GGCCCCATTGGTCGGTTGATTAAC(Reverse)
PolyA Tail: no

SEQUENCE
GAAGGTTACGATATCGACGATGCCAACTTTGGCAAATCGTACAACGAAAGCTTCAGCACG
AGTCAGACGGCTGAAGTGGGCCCACCGATTGTGATCGTTAATCAACCGACCAATGGGGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544

E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583304
EST name: Anogamb_JHU05
GenBank Acc: GO935202
GenBank gi: 237829656

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: TACCTGGATATGGTCGTGTCGGAAACG
PCR backward: CGAACGGTAGGTACGTACCCGGTTG
Sequencing: TACCTGGATATGGTCGTGTCGGAAACG(Forward), CGAACGGTAGGTACGTACCCGGTTG(Reverse)
PolyA Tail: no

SEQUENCE
TACCTGGATATGGTCGTGTCGGAAACGCTCCGACGGTGGCCCATCGCAACGGTGCTGAAT
CGCGAGTGCGTCCGGAACTATCAGTACGACGATGGGCAGGGGACACGGTTTACCATCGAG
AAGGGAACGCTGGTCTTCATACCGGTCGTGGGCATTCATTTCGACCCGAAGTACTTCCCC
GAGCCGGAGCGTTTCGATCCCGAACGGTTCAGTGCGGCCAATCGGAACAACATCCAACCG
GGTACGTACNNACCGTTCG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER

Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583303
EST name: Anogamb_JHU04
GenBank Acc: GO935201
GenBank gi: 237829655

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CAGACAATGTGACGCGCCTGATGATG
PCR backward: TGCTCCTTGCGCAGCTTGATCAGC
Sequencing: CAGACAATGTGACGCGCCTGATGATG(Forward), TGCTCCTTGCGCAGCTTGATCAGC(Reverse)
PolyA Tail: no

SEQUENCE

CAGACAATTGNNACGCGCCTGATGATGACGGAAGCGTACGCAAACCTCGAACAGACGATG
CTCTGGTACGGCAATGCGAACCGCAAGGGCGCTCACATGCCGTTCAACTTCGCNATGATC
AACCGGCTGTCGAAGGATTCGCGCGCCAACGACTTTAAGGTGGTGATTGACGAGTGGCTG
AACGCGATGCCGGCCGGCGCCCGGGCGAACTGGGTGCTGGGCAATCACGATCGTCCGCGC
ATTGCCTCGCGGTACGGGCGCGATCTTGCCTCGAGCCTGGCCGTGCTGGAGATGACACTG
CCCGGCATTGCGGTCGTGTACTATGGTGAGGANATCGGTATGGAGGACAACCGGGACATT
ACGTTCGAGGAGACGCAGGACCCGCAGGCCGCCAACACGAACCCGGACGTGTATCAGCAG
TTTACGCGCGACCCCGTCCGCACACCGTTCCAGTGGGATGCGACGGCGTACGCTGGGTTT
ACCGTAGCTAGCGCCCAGAAGACGTGGCTGCCGGTACATCCGAANTATCGGGAGGTGAAT
CTGGCCGCCCAGAAGGCAGCGAGCAACAGTATGTTCAAGCTGTACCAGCGGCTGATCAAG
CTGCGCAAGGAGCAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583302
EST name: Anogamb_JHU03
GenBank Acc: GO935200
GenBank gi: 237829654

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ATGGGCCGTAAGTTCTGCGTTGGAG
PCR backward: ATCACCACATTGCTCCAGTCCTTGAC
Sequencing: ATGGGCCGTAAGTTCTGCGTTGGAG(Forward), ATCACCACATTGCTCCAGTCCTTGAC(Reverse)
PolyA Tail: no

SEQUENCE
ATGGGCCCGNNNNTTCTGCGTTGGAGGCAACTGGAAGATGAATGGCGACAAGGCCAGCAT
CACCGAGCTGTGCAAAACGCTGTCCGCCGGTCCGCTCGATCCCAACACCGAGGTGGTGGT

GGGCTGCCCCGCCCCCTACCTGTCGCTGGCCCGCTCGCTGCTGCCGGAAACGATCGGAGT
GGCCGCCCAGAACTGCTACAAGGTGGCGAAGGGTGCGTTCACCGGCGAGATCTCGCCCGC
CATGCTGAAGGATCTTGGCCTTGGCTGGGTCATCCTCGGTCACTCGGAGCGACGCGCCAT
CTTCGGCGAGACCGACGAGCTGATTGCGGAGAAGGTCGCACACGCCCTTGCCGAGGGGCT
GAAGGTCATCGCTTGCATCGGCGAGACGCTGCAGGAGCGTGAGGCCGGCCAGACGGAGGC
CGTTNNTCCGGCAGACGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583301
EST name: Anogamb_JHU103
GenBank Acc: GO935199
GenBank gi: 237829653

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GAAATGAAGCCGAACTACGGTACATTCG
PCR backward: CCAACTGAACGACAATTTGCTATCATC
Sequencing: GAAATGAAGCCGAACTACGGTACATTCG (Forward), CCAACTGAACGACAATTTGCTATCATC(Reverse)
PolyA Tail: no

SEQUENCE

GAAATGAAGCCGAACTACGGTACATTCGAAACATTCGAACCATCCTACTGGAAACAGGGC
AGTACGGAGTGGTCAATCAGATATGGTGAGGTTGAGTACAACCCTGGCAGTGTTGCTCAA
CGAGGAGAGCTAAGCCGCACCTTTGATCGACCGTTCGAGTCAGTAGCGCTTCGCTTTGTC
TACAATACAAGCGTGGATGATAGCAAATTGTCGTTCAGTTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583300
EST name: Anogamb_JHU93

GenBank Acc: GO935198
GenBank gi: 237829652

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AGAAGTCGACCAACAAGGAGAACAAG
PCR backward: GTACAGCTTGCTGATGATCGGGTTG
Sequencing: AGAAGTCGACCAACAAGGAGAACAAG (Forward), GTACAGCTTGCTGATGATCGGGTTG(Reverse)
PolyA Tail: no

SEQUENCE

TTAGAAGTCGACCAACAAGGAGAACAAGATCACCATCACGAACGACAAGGGCCGCCTGAG
CAAGGAGGACATCGAGCGCATGGTGAACGAGGCCGAGAAGTACCGCACTGAGGACGAGAA
GCAGAAGGAGACCATCTCCGCGAAGAACGCGCTGGAGTCGTACTGCTTCAACATGAAGGC
CACCATGGAGGACGACAAGCTGAAGGACAAGATCACCGACAGCGACAAGACCCTGGTGCT
GGACAAGTGCAACGACACGATCAAGTGGCTCGATGCCAACCAGCTGGCCGACAAGGAGGA
GTACGAGCACCGCCAGAAGGAGCTCGAGTCGGTGTGCAACCCGATCATCAGCAAGCTGTA
CAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583299
EST name: Anogamb_JHU87
GenBank Acc: GO935197
GenBank gi: 237829651

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ggctacctgaaggtgaccgatttc
PCR backward: gctgacgatcttttcgtagatctgg
Sequencing: ggctacctgaaggtgaccgatttc (Forward),
gctgacgatcttttcgtagatctgg(Reverse)
PolyA Tail: no

SEQUENCE
TGGCTACCTGAAGGTGACCGATTTCGGCTTCGCCAAGCGCGTCAAGGGCCGAACCTGGAC
GCTGTGCGGCACGCCCGAGTATCTCGCGCCCGAGATCATCCTGAGCAAGGGCTACAACAA
GGCGGTCGACTGGTGGGCGCTCGGCGTGCTGGTGTACGAGATGGCGGCCGGCTATCCGCC
CTTCTTCGCCGACCAGCCGATCCAGATCTACGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,

Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583298
EST name: Anogamb_JHU82
GenBank Acc: GO935196
GenBank gi: 237829650

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: tgaaattcggaatggcaaaaagattgg
PCR backward: gtgattcgtactcgaggaagcagaag
Sequencing: tgaaattcggaatggcaaaaagattgg (Forward), gtgattcgtactcgaggaagcagaag(Reverse)
PolyA Tail: no

SEQUENCE
TTGAAATTCGGAATGGCAAAAAGATTGGTGTCACGATATCGTTTAACAATCACCGACTCT
TTGTCGGCAATATTCCTAAGAATAGAGATCGCGATGAGTTGTTAGAGGAATTTGCTAAAC
ATGCACCGGGACTTGTGGAGGTAATTATTTATAGCTCACCAGACGACAAGAAAAAGAACC
GAGGCTTCTGCTTCCTCGAGTACGAATCAC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544

E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583297
EST name: Anogamb_JHU67
GenBank Acc: GO935195
GenBank gi: 237829649

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: atagtctactgtctcggctggagc
PCR backward: gcgtacacgaacttcactatctgctg
Sequencing: atagtctactgtctcggctggagc (Forward), gcgtacacgaacttcactatctgctg(Reverse)
PolyA Tail: no

SEQUENCE
TATAGTCTACTGTCTCGGCTGGAGCAAATGCGTCACAATCTTACGGGCTGCAGCGAGCGC
GAAACGACGAACCCGGCACCACCCGATGATACCCGCACCAACGCCCCCTGTCAGCTGCTG
CTGAACGAGCTGCAACGGAAAGGGAATCAAACCCTGCTCCAGCTCGACAAAGAAATGGCC
AGCAAAGCACTGTACGAGCGCATCGAACTGGCCAAGGTGGCGCAGGACCAGGACCGCATC
CAACAAGCGATCGAAACGATGCGCACCGAGCAGCGAAACCACCGGCAGCAGCTGCTACTC
CTCTACCTCGATGCGGCGGACCTACGACGAGCCCTGCACCAGTATCAGCTGCTCGTCGCG
AGGGCGATCGCCACCTTCCCCAGCAGATAGTGAAGTTCGTGTACGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER

Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS

Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583296
EST name: Anogamb_JHU66
GenBank Acc: GO935194
GenBank gi: 237829648

CLONE INFO

DNA type: cDNA

PRIMERS

PCR forward: aaacgtaccgtcgatatattcgttgc
PCR backward: gactcattgctgccaattcttattgc
Sequencing: aaacgtaccgtcgatatattcgttgc (Forward), gactcattgctgccaattcttattgc(Reverse)
PolyA Tail: no

SEQUENCE

TAAACGTACCGTCGATATATTCGTTGCTAACATGATTACATTCCGCGCCCAATTAGCGTT
GGGGCGTGATTGGTCGAGATTGATCATGCATACCAAGAATTTCTTATACGTTGGTGTTCG
CAACTTGCAAACTTTGCAGAAAGGGTTTCTAACTGTAGGATTCTATTCACTAATTGTTTC
GTTACGCATGTCGCTGATATCTGAAAGCGACATCCCTGAGTTTACGGCAGCGGAAGCATC
CATCAATGTACTCTTTTCAACTGAGCAATTTTCAGACTTTATAGTTAAGCCTTTGTCGAA
GGCTTCGCCCAAATTGAGGCTACCCAAGCCACCGAACTTGGCACGGATGCTCCGTTTCCG
CATTCGATCGGATGCAATAAGAATTGGCAGCAATGAGTC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY

dbEST lib id: 24668

Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583295
EST name: Anogamb_JHU64
GenBank Acc: GO935193
GenBank gi: 237829647

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: agctgtccaaactttgtgatggtac
PCR backward: acacgcttgcggatccaagcattc
Sequencing: agctgtccaaactttgtgatggtac (Forward), acacgcttgcggatccaagcattc(Reverse)
PolyA Tail: no

SEQUENCE

AGAAATAAGTTAAAGTGTACAAATGATTGTGATAAAGATGGCACCGCTTGCTCGAATGGA
GTGTGCTTAGACGGCCAATGCCACTGCAATGATGGTTTTGGTGGTTGTAACTGCCAAGTT
CCGGATGAAAACGAATGTAAATATCGACCCTGTGACGTTTTCGCCCATTGTACAAACACC
CTCGGCAGCTTCACCTGTACGTGCTTTCCTGGCTATCAAGGCGACGGTCTTCATTGTGAA

GATATCGACGAGTGTCAGGATCCAAACATCGCACAGCGGTGTGTTGAGAATGCCGAATGT
TGCAACCTACCAGCTCACTTTGTGTGCAAATGCAAACCCGGCTTCGAAGGCGACGGTGAA
GAGCGATGTGCAGATATCAACGAATGCTTGGATCC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583294
EST name: Anogamb_JHU61
GenBank Acc: GO935192
GenBank gi: 237829646

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: aagcatacctgggacactctgtgaag
PCR backward: gtccttcttgaacttgcgtttgaac

Sequencing: aagcatacctgggacactctgtgaag (Forward),
gtccttcttgaacttgcgtttgaac(Reverse)
PolyA Tail: no

SEQUENCE

ACACTCTGTGAAGAATGCGGTCATCACGGTTCCAGCGTACTTCAATGACAGCCAGCGACA
GGCCACGAAGGATGCCGGTGCGATCGCGGGCCTGAATGTGATGCGAATCATCAACGAACC
GACGGCGGCCGCATTGGCTTACGGTTTGGACAAGAACCTGAAGGGCGAGCGCAACGTGTT
GATCTTCGATCTCGGCGGAGGAACGTTCGACGTGTCCATTTTGACGATCGACGAGGGCTC
TCTGTTCGAGGTACGAGCCACTGCCGGTGACACACACCTGGGAGGCGAAGACTTCGACAA
CCGAATGGTGGGCCATTTCGTGGAGGAGTTCAAACGCAAGTTC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583293
EST name: Anogamb_JHU60
GenBank Acc: GO935191

GenBank gi: 237829645

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gagtttaacggcttcatcgacgactg
PCR backward: gcattgtagaagacggtacgctcac
Sequencing: gagtttaacggcttcatcgacgactg (Forward),
gcattgtagaagacggtacgctcac(Reverse)
PolyA Tail: no

SEQUENCE
TGAGTTTAANGGNTTCATCGACGACTGGAACGTGTACCAGGAGCGGCTGGAGCAGTTCTT
CGAGGTGAACGACATCCCGGAGGGCAAGCGGACCGCGCTGCTCATCTCGGTCATTGGGAC
GGATTCGTACAAGACGCTGCGGGACCTGTGCCATCCCGTGCTGCCCAAGAGTCGCACCTT
CGAGGAGCTGTGTGAGCTGCTGCGCAAGCAGTACAGTCCGCAGGTCGCAGTGTTCCGTGA
GCGTACCG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583292
EST name: Anogamb_JHU53
GenBank Acc: GO935190
GenBank gi: 237829644

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gttacattaccgagggccagatctac
PCR backward: acttggtcaagaactccaggtacagc
Sequencing: gttacattaccgagggccagatctac (Forward), acttggtcaagaactccaggtacagc(Reverse)
PolyA Tail: no

SEQUENCE

GTTACATTNNCGAGGGCCAGATCTACGTCGACCGTCAGCTGCACAATCGGCAGATCTACC
CGCCGGTGAACGTGCTGCCGTCGCTGTCCCGTCTGATGAAGTCCGCCATCGGCGAGGGCA
TGACGCGCAAGGATCACTCCGACGTGTCGAACCAGCTGTACGCTTGCTACGCCATCGGCA
AGGACGTGCAGGCCATGAAGGCCGTCGTCGGCGAGGAGGGCGCTCACGCCCGACGATCTG
CTGTACCTGGAGTTCTTGACCAAGT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.

Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583291
EST name: Anogamb_JHU52
GenBank Acc: GO935189
GenBank gi: 237829643

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: tggtcattttggatgaggtgaagttc
PCR backward: gagataccggtctggatcatttcctc
Sequencing: tggtcattttggatgaggtgaagttc (Forward),
gagataccggtctggatcatttcctc(Reverse)
PolyA Tail: no

SEQUENCE

GATGAGGTGAAGTTCCCGAAGTTTGCCGAAATCGTGCAGCTGCGCTTGAGCGATGGCACC
GTCCGCTCCGGTCAGGTGCTGGAAGTGAGCGGCTCGAAGGCCGTCGTCCAGGTGTTCGAA
GGTACGTCCGGTATCGATGCCAAGAACACGGTGTGCGAGTTCACCGGCGACATTCTGCGT
ACGCCCGTGTCGGAGGACATGTTGGGCCGCGTGTTCAACGGCTCCGGCAAGCCCATCGAC
AAGGGCCCGCCAATTCTGGCCGAAGATTTCCTCGNCATTCAGGGTCAACCGATCAACCCG
TGGTCGCGTATCTACCCGGAGGAAATGATCCAGANCGGTATCTC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544

E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583290
EST name: Anogamb_JHU51
GenBank Acc: GO935188
GenBank gi: 237829642

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gtatgacgaagcaggatctggtgaac
PCR backward: tgaactgcgagtacttcttgatcagc
Sequencing: gtatgacgaagcaggatctggtgaac (Forward), tgaactgcgagtacttcttgatcagc(Reverse)
PolyA Tail: no

SEQUENCE
CAGGATCTGGTGAACAATCTCGGTACGATCGCGAAGTCGGGCACGGCCGACTTCCTGTCG
AAGATGCAGGACAAGGAGAAGGCCGACGGGCAGGACGTGAACGACATGATTGGCCAGTTC
GGTGTCGGCTTCTACTCGGCGTTCCTGGTGGCCGACCGGGTCGTGGTGACGACGAAGCAC
AACGACGACAAGCAGTACATCTGGGAGTCGGATGCGGCCAGCTTCAGCATTGTGGAGGAC
CCGCGCGGCAACACGCTGGAGCGCGGTTCGCAGGTCTCGCTGCACCTGAAGGAGGAAGCG
CTCGACTTCCTGGAGGACGATACGGTGAAGCAGCTGATCAAGAAGTAC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER

Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS

Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583289
EST name: Anogamb_JHU50
GenBank Acc: GO935187
GenBank gi: 237829641

CLONE INFO

DNA type: cDNA

PRIMERS

PCR forward: tgctgaagaagatcatgaaggttgac
PCR backward: tgctacactcttcgtacgacttttcg
Sequencing: tgctgaagaagatcatgaaggttgac (Forward), tgctacactcttcgtacgacttttcg(Reverse)
PolyA Tail: no

SEQUENCE

TGCTGAAGAAGATCATGAAGGTTGACACCAAGGACAAGTACTGAAGTCGTTCGTTGTGGG
CCGTCTGCAGGAACGTTTGATGAACCCTACCATCGATCTGGTCAGCACTATCGAAAAGTA
TTCCAAGATTAAGGAGTGCTTCAGCTCACTGGACAAGGACGTATCAGCCATGGTAAAGGA
GTCCGAAAAGTCGTACGAAGAGTGTAGCA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY

dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female

Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583288
EST name: Anogamb_JHU49
GenBank Acc: GO935186
GenBank gi: 237829640

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ctgtgcccttgaatgcaaagtatc
PCR backward: aagttttctctcgtcggatcgagg
Sequencing: ctgtgcccttgaatgcaaagtatc (Forward), aagttttctctcgtcggatcgagg(Reverse)
PolyA Tail: no

SEQUENCE
CTGTGCCCTTGAATGCAAAGTATCCGGCCGATCTGCTCGAGTACTATATCAAAGATTCCG
ATGCTTCGCTGCTGCTAACGACGCCGGAATTTCTGCCCCTGGCGGAACCACTGGCCGCAA
AGCTACAGAAACCCCTGCTGGTGGTTAATCATGACCTGATCCACACGAACGGTGGTGTGG
CGGGTGGTACGACGAACGGAGGGGACGCCGCCGCACCGATGGCCGACGTGGTGTCCTACC
TCGATCCGACGAGAGAAAACTT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583287
EST name: Anogamb_JHU38
GenBank Acc: GO935185
GenBank gi: 237829639

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: agtgcaacgacaatgaagcttgtatc
PCR backward: gcctatcatcgaatctggacagtag
Sequencing: agtgcaacgacaatgaagcttgtatc (Forward), gcctatcatcgaatctggacagtag(Reverse)
PolyA Tail: no

SEQUENCE
GTCGNANANCGCTCCAAGCCGCAGGGATTCGGATCGCACGGGCTTGACGGTTCCACACAG

CCACGGATCGTGTTGGGACTTTCAATGTACCCTGGCACACATGTGCATTTTGCATACCCA
TTGCTCAGTATTGTGCACTGAGTGTTGGGCCCGCACGGTGACGGGACACACGGGTTTTGT
GGCAACGTACATGGCGTNTGGGGTGGATTTCCTTCAAACTCGGGNNNANANAANCATGTC
NNTTTACCGTTGATTTTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583286
EST name: Anogamb_JHU37
GenBank Acc: GO935184
GenBank gi: 237829638

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ccgaatgtatgatcaatgcagagtg

PCR backward: gtgctcactacataccgcattttctg
Sequencing: ccgaatgtatgatcaatgcagagtg (Forward), gtgctcactacataccgcattttctg(Reverse)
PolyA Tail: no

SEQUENCE

TAANNGNGCCGACCCNTGTCCGGGTACGTGCGGCGTCGGTGCACGCTGCGAAGTGTTGAA
TNNCAATCCGATCTGCAGCTGTGGAGCCAACCAGCAGGGAGATCCGTTTGTGATCTGCGA
GGCACGACAAANNNANNCCACCAGTGGAGCAGAAGAATCCNTGCGATCCCTCGCCNTGCG
GACCGAACTCAATTTGTCAGGTACGCGGCNGAAGGCCGGTGTGTTCGTGTCAGCCGAACT
TTATCGGTTCTCCGCCGGCCTGCCGCCCGGAGTGTGTACTAAGCTCCGAATGTCCCCAGG
ACAAAGCTTGCATTAACGAGAAGTGTCAAAATCCGTGCGCTAACGCGTGTGGCGCTAATG
CTGACTGTCACATCGTGGCACATTCTGCGTTCTGTAGCTGCCGTGCTGGATTTGAAGGAG
ATGCTTTCATTGGATGTTCCGCAGTGCCGAAGGNCNCACCAAAGG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583285
EST name: Anogamb_JHU32
GenBank Acc: GO935183
GenBank gi: 237829637

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: catccgcaagaagaggaagtatgag
PCR backward: gtagtggctctcgtaccactgacg
Sequencing: catccgcaagaagaggaagtatgag(Forward),
gtagtggctctcgtaccactgacg(Reverse)
PolyA Tail: no

SEQUENCE
CATCNGCAANAAGAGGAAGTANGAGTTAGGACGCCCGGCCGCCAACNCCAAGATTGGTGC
AACTCGTGTCCNCTTCGTGCGTACCCGTGGTGGTAACAGGAAGTTCCGTGCCCTCCGTCT
GGACTCGGGCAACTTCGCCTGGGGATCGGAGGGTATGGCCCGCAAGGCACGTATCATCGA
CGTCGTGTACAACGCGTCGAACAACGAGCTGATCCGTACGAAGACGCTGGTGAAGAACGC
GATCATCGTGATCGATGCGTCGCCCTTCCGTNNNTGGTACNAGAGCCACTACA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583284
EST name: Anogamb_JHU20
GenBank Acc: GO935182
GenBank gi: 237829636

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: TATCTTCCGCGGGTTGCGCTATATG
PCR backward: CGGCAGATCGTAGTTCGTGGAAATC
Sequencing: TATCTTCCGCGGGTTGCGCTATATG(Forward),
CGGCAGATCGTAGTTCGTGGAAATC(Reverse)
PolyA Tail: no

SEQUENCE
TATCTTCCGCNNNTTGCGCTATATGGATGACAGTGGTTTGAAGGTTGATGAGGTGGTGCG
TGACTTTAACCTGATCAATAAGAGTGACCTGGAGCCTGAGGTGCGATCAGTGCTGGCAAG
CTGCACCGGAACGCAAGCGTACGATTATTACTCCTGCCTGCTGAATAGCCCAGTGAAGGA
AGATTTCAAGAATGCTTTTGATTTCCACGAACTACGATCTGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24668
Lib Name: Anopheles gambiae Adult female salivary gland
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Salivary gland
Tissue type: Salivary gland
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,

Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583283
EST name: Anogamb_IOB102
GenBank Acc: GO935181
GenBank gi: 237829635

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AGCACACGCAATCGATCATGAAGC
PCR backward: AGCATAAACAGCGCCACCACCAACT
Sequencing: AGCACACGCAATCGATCATGAAGC(Forward), AGCATAAACAGCGCCACCACCAACT(Reverse)
PolyA Tail: no

SEQUENCE
GATCATGAAGCAGGCGCTGCTGCGCAAGAAGATTGCCGAGCAGAGCCGGTACCTGCTGGA
GCAGCAGCAGCAGCAGAACGGGCAGGAACCGATCCCGGCTGTACAGCAGCTGATACAATC
GATCTGCCCGAACGTGCAGCGCAGCCTGTCCGTGCTAGCGGCGGGCAGCGGATCCGGGCA
GCATGGCGCTGGAGCGGTCGAACATCATGCCGCTGCTGCTGGTGCTGGTAGAAGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544

E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583282
EST name: Anogamb_IOB100
GenBank Acc: GO935180
GenBank gi: 237829634

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GACATTCTCGTTAAGCTGGTAGCCGC
PCR backward: TCGTCTGGTTGTAGCTAAAGTATTCC
Sequencing: GACATTCTCGTTAAGCTGGTAGCCGC(Forward), TCGTCTGGTTGTAGCTAAAGTATTCC(Reverse)
PolyA Tail: no

SEQUENCE
TGACATTCTCNNNAAGCTGGTAGCCGCCCGCGCTTACAGTGCCCCATCGTCGTCCTCCGC
CGGTCCCAAGGGGCCAGCCGCTCCGGCAGCAGCGCCAGCCGATGTTCCTGGGCTAAGCTC
GCGGTGCNGTTGCGAAGAAGGATGGCCCGGTTGGCCCGGGAGCGGAACGGACCGGAACGT
ACAAGGTGCCGGAATACTTTAGCTACAACCAGACGAAAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey

Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583281
EST name: Anogamb_JHU90
GenBank Acc: GO935179
GenBank gi: 237829633

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CCATCAAGAGGCTTAACTGTGATTTG
PCR backward: TCCCAAGACGTTTTCTCGACTGATTC
Sequencing: CCATCAAGAGGCTTAACTGTGATTTG(Forward), TCCCAAGACGTTTTCTCGACTGATTC(Reverse)
PolyA Tail: no

SEQUENCE
CATCAAGAGGCTTAACTGTGATTNGAAGATATCCACANTTTCTTCGACCTTGATAACACT
CTGATCGCAACCAGGAAAGCCGATGCAAAGGCATGCAGCAAGAGAACACGGAGCACGCGG
AGCGTAGAAATGAGCTGCACCACATTGCCGGTGCGACTAGGAAAATAGAGAATGGGTTTC
CACCGGTCGTCATCCGAATCAGTCGAGAAAACGTCTTGGGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary

Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583280
EST name: Anogamb_JHU86
GenBank Acc: GO935178
GenBank gi: 237829632

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AGCAAATCAACCAGTGCTTCAGTG
PCR backward: TCCTCCTCGAACTGGAGCTCATCG
Sequencing: AGCAAATCAACCAGTGCTTCAGTG(Forward), TCCTCCTCGAACTGGAGCTCATCG(Reverse)
PolyA Tail: no

SEQUENCE
AGTGCTTCAGTGCGCCGACGGTGGAGGCCATTTTCCAGCAGCTGGAGCGGGACGGTAGCG
AGTGGGCACAGAACACGCTGAAGCTGCTCCACAAAATGTCCCCCACCTCNATGGTGGTGA
CGCAGAAGCAGCTCGAGCTGGGCGGCAAGATGGATTTGAAGACGTGTCTCAAGATGGAGT
ACCGGCTTGCCGTGCACCATGCGATCGACAGCGACTTCAAGGAAGGTGTGCGCGCCCTGC
TGATCGATCGCGATCAGAAACCGCGCTGGAATCCGGCCACGCTGGCAGAGGTGGATCCGG
CGCGCATCGAGCAGTTCTTCGGCCCGCTGCCGGACGGCGATGAGCTCCAGTT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583279
EST name: Anogamb_JHU84
GenBank Acc: GO935177
GenBank gi: 237829631

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CCATCAAGAGGCTTAACTGTGATTTG
PCR backward: TTGCGCAAGAAGTCGAACCCGATC
Sequencing: CCATCAAGAGGCTTAACTGTGATTTG(Forward), TTGCGCAAGAAGTCGAACCCGATC(Reverse)
PolyA Tail: no

SEQUENCE
TCCATCAAGAGGCTTAACTGTGATTTGAAGATATCCACAATTTTCTTCGACCTTGATAAC
ACTCTGATCGCAACCAGGAAAGCCGATGCAAAGGCATGCAGCAAGAGAACACGGAGCACG

CGGAGCGTAGAAATGAGCTGCACCACATTGCCGGTGCGACTAGGAAAATAGAGAATGGGT
TTCCACCGGTCGTCATCCGAATCAGTCGAGAAAACGTCTTGGGANNGCTCGAGCTGCTTC
TGCGTCACCACCATCGAGGTGGGGGACATTTTGTGGAGCAGCTTCAGCGTGTTCTGNGCC
CACTCGCTACCGTCCCGCTCCAGCTGCTGGAAAATGGCCTCCACCGTCNGCGCACTGAAG
CACTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583278
EST name: Anogamb_JHU83
GenBank Acc: GO935176
GenBank gi: 237829630

CLONE INFO
DNA type: cDNA

PRIMERS

PCR forward: GAAACTGTTGCACAGGAGGAAAAATC
PCR backward: TTGCTCTCGCAAATGTTAGTCTCAAC
Sequencing: GAAACTGTTGCACAGGAGGAAAAATC(Forward),
TTGCTCTCGCAAATGTTAGTCTCAAC(Reverse)
PolyA Tail: no

SEQUENCE

TGGTAACTACCAGCTTTGGCACAGGGTTGGCCGCCGGCGGCGCAGCTGGGAAGCCATTTT
TTTCTGTATGTTCGATGAGGCCGCTGGATCTTGCATGGCCAAAAGCTTCTCGCTCAGTAC
GTATTGCTGCAGCGAATGGCGCATGTCCACCATTTTGATGTGTGTATTCGGTATGTCGAT
CACCGTGGTTAGCACAAACTCGTGTAGATCGACCATCGTTACGAGAAATTCTTTCATGCG
CGGCGTAATCGATTTAACATTATCGATCCAAACCGGATGTGTCACGGTATGGGCATACTT
GATCTTCGGGTCGGGAATTTCTTTCAGCTTCTTCCACTCTACCTTCAGCCAGTTGCCAAA
ATCGGGGAAGAACACTTCGGCAATACCGTCCTGAACCGACTTCACCACCGACCGGTAGAA
GTCATCCTCAAATGGTGCGAACACAATATCCTCCACCGTTGGTGGTGCCGACAGGAAATC
TTGAACAGTCATGGCGCATTGCAGCGAACGGACGATCAAAGATTGGAAGCTATTTGGCTC
TCCGTTGGGCCCGGGACCACAATCATAAACGAACAGCCGATCGTTTGCAACGTATGAAAT
TTTCACGCTTCGCCCTGGCTCGGGGAAAACACCGTGTTGCAACAGTTGAGTACGTGGCGG
TACAACGGTTTTAAGAACAGGCTTTTCGATGGCAGCCGACCCGGCCGGTTGGCTTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583277
EST name: Anogamb_JHU80
GenBank Acc: GO935175
GenBank gi: 237829629

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AGCTGCTGGAGGAGGATCTCGAAC
PCR backward: GTCTGCTTCCTCTGCTATTAGCTTGG
Sequencing: AGCTGCTGGAGGAGGATCTCGAAC(Forward),
GTCTGCTTCCTCTGCTATTAGCTTGG(Reverse)
PolyA Tail: no

SEQUENCE
GCTGNTGGAGGAGGATCTCGAACGTTCGGAAGAACGTTTGGCGTCCGCCACCGCTAAGCT
GTCAGAGGCTTCGGCCGCTGCCGACGAGAGCGAACGGATCCGGAAAGCGCTTGAAAATCG
TACAAACATGGAAGACGATAGAGTAGGCATACTGGAGGCACAGCTAGCCCAGGCCAAGCT
AATAGCAGAGGAAGCAGACA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.

Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583276
EST name: Anogamb_JHU79
GenBank Acc: GO935174
GenBank gi: 237829628

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GTACTTTGGCCTGCTCGAGATTTG
PCR backward: GCCCACGTTGTCGAAGTAGCAGTC
Sequencing: GTACTTTGGCCTGCTCGAGATTTG(Forward),
GCCCACGTTGTCGAAGTAGCAGTC(Reverse)
PolyA Tail: no

SEQUENCE
TACTTTGGCCTGCTCGAGATTTGCCAGCCGCAGCCGGGCGAAACGGTGGTGGTGAGCGGG
GCGGCCGGTGCCGTCGGCAGCCTGGTGGGCCAGATCGCGAAGATCAAGGGCTGCCGGGTG
GTCGGGATCGCCGGCTCGACCGAAAAGTGCGAGTGGTTGCGGGAGCTCGGCTTTGACGGG
GTGATCAACTACAAGGAGGAGGACGTCGGGGAGGCACTGCGCCAGCTGGCCCCGGACGGG
GTGGACTGCTACTTCGANAACGTGGG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583275
EST name: Anogamb_JHU57
GenBank Acc: GO935173
GenBank gi: 237829627

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ACGACGAGATTAACGAGAAGCTGAAG
PCR backward: GCGAGAAGAAGTTAAAGAACGATTCC
Sequencing: ACGACGAGATTAACGAGAAGCTGAAG(Forward), GCGAGAAGAAGTTAAAGAACGATTCC(Reverse)
PolyA Tail: no

SEQUENCE

GAAGATGGCGCTCAACTACCACAAGGAGCTGCCGGCGAACGGGCAGGGCATCCCGAACTT
CTGGCTGATGGTGTTCAAGAACACGGAAGCGCTGGCCGAGCTGGTGCACCCGCACGACGA
GCCGGTGCTGGAGTACCTGCGCAACCTGAACATCGTGTACGAGAAGGAGCCGATGTCGTA
CGTGATCGAGTTCCACTTCGACCCGAACCCGTACTTCAAGGACACGGTGCTGACGAAGAA
GTACTTCCTGCGCTGCAAAATCGACAGTGACGAGCCGTTCAGCTTCGAGGGGCCGGAAAT
TTTCAAGTGCACCGGCTGCCCGATCAACTGGAACGCGGGCAAGAACGTGACGGTGAAAAC
GATCAAGAAGCAGCAGAAGCACAAACAGCGCAACGCCACGCGCAACGCCACGCGCATGGT
GATGAAGACGCAGCCGACG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER

Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS

Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583274
EST name: Anogamb_JHU55
GenBank Acc: GO935172
GenBank gi: 237829626

CLONE INFO

DNA type: cDNA

PRIMERS

PCR forward: AGCTCATCCTCACAGACAAACAGATC
PCR backward: AGTCATTCTCGTCCTTCAGGTGAATC
Sequencing: AGCTCATCCTCACAGACAAACAGATC(Forward), AGTCATTCTCGTCCTTCAGGTGAATC(Reverse)
PolyA Tail: no

SEQUENCE

CGAGGAGATTATGCGACGGGTGATCAAGGAAATCAACCGGGGGCTGAGCAAAGAGACGCA
CGCCGAAGCGGACGTCAAATGTTTCATCACCTACGTACAGGACCTGCCAAATGGGAAAGA
GAAGGGTAAATTCTTGGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY

dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female

Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583273
EST name: Anogamb_JHU54
GenBank Acc: GO935171
GenBank gi: 237829625

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GATTCACCTGAAGGACGAGAATGAC
PCR backward: GGAACAGTTGAAACCTTTCGTCCAC
Sequencing: GATTCACCTGAAGGACGAGAATGAC(Forward), GGAACAGTTGAAACCTTTCGTCCAC(Reverse)
PolyA Tail: no

SEQUENCE
GATTCACCTGAAGGACGAGAATGACTTCGAGATGCTGTCGAAGATATATGCCATTCCACA
GAGCATTATGCTCGGCAGTGGGACGCAGCTCTTCGACCATATTGCCGAATGTTTAGCCAA
CTTTATGAAGGAACACTCCGTGTACGAGGAACGTTTGCCGCTAGGATTCACATTCTCNTT
CCCGCTAACGCAGCNNGNCCTCACCA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583272
EST name: Anogamb_JHU36
GenBank Acc: GO935170
GenBank gi: 237829624

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CAAATTTCGTGTCGTCGTCGTTTC
PCR backward: AGAAGGCGTGAATCGTTTTCAGTTC
Sequencing: CAAATTTCGTGTCGTCGTCGTTTC(Forward), AGAAGGCGTGAATCGTTTTCAGTTC(Reverse)
PolyA Tail: no

SEQUENCE
CGGCGGCGTTCCGAGTCGGTGCCGTTGAGCAGGGGTTTGCCTTGGAACTGGGAGGAAACG
ACGACGACACGAAATTTGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583271
EST name: Anogamb_JHU33
GenBank Acc: GO935169
GenBank gi: 237829623

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CAACAAGGACTACAAGAAGACGCTC
PCR backward: GTATGCCTGATCGACCTTGAAGAATC
Sequencing: CAACAAGGACTACAAGAAGACGCTC(Forward), GTATGCCTGATCGACCTTGAAGAATC(Reverse)
PolyA Tail: no

SEQUENCE

CGGCGGANNNGTACACGCCGACGTACTGCGTGTACTTTGAGCATATCATCAGCAAACCGG
TGCTCGGCAAGGACGAAGACTTCAAGAGCTACATCGGCCATCAAACGAGGACCGAGGTGC
CGATGTTGGGCGATCCGGAGCTGAAGCGGTTGAAAAAGGGCGACATTATTCAGCTGCAGC
GGCGTGGATTCTTCAAGGTCGATCAGGCATAC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583270
EST name: Anogamb_IOB27
GenBank Acc: GO935168
GenBank gi: 237829622

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GTTCGCCAAGGACTCGATCCGACTG
PCR backward: TCCGACGATGATGTTATTGATCGGGATG
Sequencing: GTTCGCCAAGGACTCGATCCGACTG(Forward),
TCCGACGATGATGTTATTGATCGGGATG(Reverse)
PolyA Tail: no

SEQUENCE
TGTTCGCCAAGGACTCGATCCGACTGATCAAGCGCTGCACCAAGCCGGACCGCCGGGAGT
TCCAGAAGATTGCCATCGCCACCGCTATCGGATTCTGCATCANGGGATTCATCGGTTTCT
TCGTGAAACTGATACACATCCCGATCAATAACAT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583269
EST name: Anogamb_IOB26
GenBank Acc: GO935167

GenBank gi: 237829621

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: TCCGCTTCGGCGACATATTTAACGAC
PCR backward: GTCGCGGATACTGCGTTCGCCCTTG
Sequencing: TCCGCTTCGGCGACATATTTAACGAC(Forward),
GTCGCGGATACTGCGTTCGCCCTTG(Reverse)
PolyA Tail: no

SEQUENCE
CTGCCGTTTGGGACTGCACCGTAGAACCATCGTACGGGGAGGACGATCTCGAGCTCATTT
CCAAGGAGAAGGTAGCAAAACTTGCATTTGCTTGAAAGCTTTCGGCACCATGGCAACCGC
TATCCGTGCAGCAGCTGGCAGCCGTTCGCTGAAGCAACTGCTTTCCGAGCTGAAAGCGAT
CCGGTCGGCCGAAGACTCCGGTGCGTTCGCGCTGGCCTCGAAGTACATCACCGACCAGTA
CCGGCGGTTCGAGACGACGGAACAGCAGCACTGCCGGGCGAAGGAGGAGCTGCAGTTCAC
GGCGGAGACGTACCGCTGCTACCTGGAGAGCTTGCGCAAGCTGAAGGACCTGAACGAAAG
CTACCGCGGCAAGGGCGAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583268
EST name: Anogamb_IOB25
GenBank Acc: GO935166
GenBank gi: 237829620

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CCCTCGGATACGATCGAGAATGTGAAG
PCR backward: CTGCTTCGAGTAGACAAGCGTCAGGTG
Sequencing: CCCTCGGATACGATCGAGAATGTGAAG(Forward),
CTGCTTCGAGTAGACAAGCGTCAGGTG(Reverse)
PolyA Tail: no

SEQUENCE
ATCTTCGCCGGCAAGCAGCTGGAGGATGGCCGCACGCTGTCCGATTACAACATCCAGAAG
GAGTCGACCCTTCATCTGGTGCTGCGCCTGCGCGGTGGTGCCAAGAAGCGCAAGAAGAAG
AACTACTCCACCCCGAAGAAGATCAAGCACAAGAGGAAGAAGGTCAAACTTGCTGTCCTC
AAGTACTACAAGGTCGACGAGAACGGAAAGATCCACCGTCTGCGTCGTGAGTGCACCAGC
GAGTCGTGCGGTGCTGGCGTGTTCATGGCTGCCCATGAGGACCGTCACTACTGCGGCAAG
TGCCACCTGACGCTTG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome

Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583267
EST name: Anogamb_IOB24
GenBank Acc: GO935165
GenBank gi: 237829619

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: TTCCAACGCATCAACGAGTTTGTCC
PCR backward: CGCGTCATGAAGCTTAACGAAATGC
Sequencing: TTCCAACGCATCAACGAGTTTGTCC(Forward), CGCGTCATGAAGCTTAACGAAATGC(Reverse)
PolyA Tail: no

SEQUENCE
GCGTGCCGACGATCTGCCGTCCGAGTTTATCCTGAGCAACATCTCGTGCCAAGCGATTCA
CGGCAACCGTGAACAGAGTGACCGCGAACAAGCACTGGAGGACATTAAGAATGGTACGGT
GAAGATACTCATCGCTACCGACGTGGCGTCCCGGGGGCTTGACATCGAGGACATTACGCA
CGTGGTGAATTATGATTTTCCACG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662

Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583266
EST name: Anogamb_IOB23
GenBank Acc: GO935164
GenBank gi: 237829618

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GTACATTGCACAGATCATTGTGCTCGG
PCR backward: TTGTTGTGCCTCTTCCAGCGTCATTC
Sequencing: GTACATTGCACAGATCATTGTGCTCGG(Forward), TTGTTGTGCCTCTTCCAGCGTCATTC(Reverse)
PolyA Tail: no

SEQUENCE
ATCATTGGAAGGCGTTCACGCGGGCCCTCAAGCAGGAGATAGCAGCATCGCAAGAGCGGC
CAAGCGAGCGGGCGGTGGACAGAAGGGACAAAATCGTGCCGCAGCCAACCTGAGGACGGG
AATGACGCTGGAAGAGGCACAACAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey

Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583265
EST name: Anogamb_JHU18
GenBank Acc: GO935163
GenBank gi: 237829617

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GCATCTACGTGGACAAGCGTCTCG
PCR backward: GAACTCGACGTGCATGCAGGAC
Sequencing: GCATCTACGTGGACAAGCGTCTCG(Forward), GAACTCGACGTGCATGCAGGAC(Reverse)
PolyA Tail: no

SEQUENCE

GCATCTNCNTGGACAAGCGTCTCGAGGAGCTCGGTGCGAACAGAGTGTTTGAGCTCGGTC
TGGGTGACGATGATGCCAACATCGAGGACTACTTCATCACGTGGAAGGAAAAGTTTTGGC
CCACGGTTTGCGACTACTTCGGCATCGAGAGCACGGGCGAGGATGTGCTGATGCGGCAGT
ACCGCCTGCTGGAGCAGCCGGACGTGAGCGCGGACCGCATCTACACCGGCGAGGTGGCCC
GGCTCCATTCGCTCCAGACGCAGCGGCCACCGTTCGACGCGAAGAACCCGTTCCTCGCCC
CGATCAAGGTGAACCGGGAGCTGCACAAGGCGGGCGGCCGGTCCTGCATGCACNNNCGAG
TTC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele

Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583264
EST name: Anogamb_JHU17
GenBank Acc: GO935162
GenBank gi: 237829616

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AATCGCTCAAGCACAAGGGCATTTC
PCR backward: CTTGTTGGCATAATCGACGGCACAC
Sequencing: AATCGCTCAAGCACAAGGGCATTTC(Forward), CTTGTTGGCATAATCGACGGCACAC(Reverse)
PolyA Tail: no

SEQUENCE
CAAGGGCATTTCCGCGTTCATCGTGCCGAAGGAGACGCCCGGCTTTTCGCTGGGCAAGAA
GGAGGACAAGCTGGGCATCCGGGGCTCCTCCACCTGCTCGCTCATCTTCGAGGACTGTGC
GATCCCGAAGGAGAATCTGCTCGGCGAGCCGGGTTTCGGGTTCAAAATCGCGATGCAAAC
GCTCGACGCCGGACGGATCGGAATCGCGAGCCAGGCGCTCGGCATTGCGCAAGCGTCCCT
GGAGTGTGCCGTCGA

Entry Created: May 20 2009

Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583263
EST name: Anogamb_JHU16
GenBank Acc: GO935161
GenBank gi: 237829615

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: TACCAGCCCACATTCTACCATCTGC
PCR backward: TTCGTCCAGAACCGTTGTTTTGCTG
Sequencing: TACCAGCCCACATTCTACCATCTGC(Forward), TTCGTCCAGAACCGTTGTTTTGCTG(Reverse)
PolyA Tail: no

SEQUENCE

TTTACCAGCCNNCATTCTACCATCTGCATATGCACTTTACCTATCTGCGATACGATCCAC
CGGGCGCGGGCTGCGAAAAGGCACACCTTTTATCGACGGTCATCAACAATCTGGAGCTGG
CGGGGGACTATTATCAGCGCGCTACCCTTTCTTACACACTGAAGGAGACTGACAAGCTGT
ACGGCAAATTTCTGCTTGCGCAGGAAGCAGCGGACGAACCGGTAGCAAAGCGCAGCAAAA
CAACGGNTCTGGACGAAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583262
EST name: Anogamb_JHU15
GenBank Acc: GO935160
GenBank gi: 237829614

CLONE INFO
DNA type: cDNA

PRIMERS

PCR forward: CAAATGCCACCTCGACAACGAAGAG
PCR backward: GGGGCGATATTTTTCAGCATCATCAGC
Sequencing: CAAATGCCACCTCGACAACGAAGAG(Forward),
GGGGCGATATTTTTCAGCATCATCAGC(Reverse)
PolyA Tail: no

SEQUENCE

CAAATGCNNNCTCGACAACGAAGAGCGCGACGACGGCGACGGCTGCAGAGGTCAAAACGG
CACCGGCTGGCGCAGGCAATGGGGCCGGCACGAATGCGGCAGCACCACCGGCGGTGAAGA
AAAGTAGTTCAATAACCTTGATCGCGTACGATCCGGACCAGTGGAGCCCGGGGAACCCGG
ACGGCAAGAAAAAGTATTCCCGCGAGCAGCTGATGATGCTGAAAAATATCNCC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583261
EST name: Anogamb_JHU14
GenBank Acc: GO935159

GenBank gi: 237829613

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GCTGTTCGACAATCGGGAAGAGTTG
PCR backward: AAGCCATGATCGCGTTCAGGAAATC
Sequencing: GCTGTTCGACAATCGGGAAGAGTTG(Forward),
AAGCCATGATCGCGTTCAGGAAATC(Reverse)
PolyA Tail: no

SEQUENCE
CTGTTCGACAATCGNGAAGAGTTGCTGCAGGGTGCGATCAAGCTGGCGGAGGAGATCGCG
AGCAAGAGCCCGATCGCGGTGCAGGGAACAAAGAAAAACATCGTCTACTCGGCGGACCAC
ACGGTGCAGGAAGGGCTCGATCATNTCCGCGCTATTAACATGCTGAACTTGCAGAGTGAA
GATTTCCTGAACGCGATCATGGCTT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583260
EST name: Anogamb_JHU12
GenBank Acc: GO935158
GenBank gi: 237829612

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GACAATCAGCTCCGGAATCTTTTCC
PCR backward: CACGGCATCCTTGTCGGGGAAGAAG
Sequencing: GACAATCAGCTCCGGAATCTTTTCC(Forward),
CACGGCATCCTTGTCGGGGAAGAAG(Reverse)
PolyA Tail: no

SEQUENCE
GACAATCAGCTCCGGAATCTTTTCCGCTATTTCAACAAAGTTGCCGTCGATGGTTACGCC
TGTATCACGCACACCTCGCTTGTCGATTGGCATATCCGGGTAAAGGTCCGGATTGGCAGC
ACGTTGTTGTTNGAAGATGCGCGNTCCCCGTTTGTTGTACAGCAAAAATTTTCGAAAATT
CTTCTTCCCCGACAAGGATGCC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583259
EST name: Anogamb_JHU11
GenBank Acc: GO935157
GenBank gi: 237829611

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: AAAGAAGGCGGATTTGAGCGACGAG
PCR backward: CCCTTCGTGCGCTTCGACTAACTTG
Sequencing: AAAGAAGGCGGATTTGAGCGACGAG(Forward),
CCCTTCGTGCGCTTCGACTAACTTG(Reverse)
PolyA Tail: no

SEQUENCE
TAGATACATGGACATGGAATTGGCCGAACGGTTGGACGAAAGCACTGCCGCTAACCGCAC
TGAAGTGCTGGAAGCTATCGTGCGAGAATATAGTAACCGCTTGTGCGAGACA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,

Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583258
EST name: Anogamb_JHU10
GenBank Acc: GO935156
GenBank gi: 237829610

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CGGTTTGTCCAGCAGGAAGGGAATG
PCR backward: GGTGTTTGTGTACGGTACGCTGAAG
Sequencing: CGGTTTGTCCAGCAGGAAGGGAATG(Forward), GGTGTTTGTGTACGGTACGCTGAAG(Reverse)
PolyA Tail: no

SEQUENCE
CGGTTTGTCCAGCAGGAAGGGAATGTTGTACCGGGTGGCGACGATCAGCGGGAACCGCCG
GTTCGTCGAGCCCTTGCAGATGAACTTGGCGTACCCGTTGTCGGCATTGGCCAGCAGATG
GTGGTTCGGTTCGCCGCGCTTCAGCGTACCGTACACAAACACC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583257
EST name: Anogamb_JHU09
GenBank Acc: GO935155
GenBank gi: 237829609

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GGAAAAGCGCATGAAGGCAGCATAC
PCR backward: TCAATGGATTTTCCGGGGCCTTTTG
Sequencing: GGAAAAGCGCATGAAGGCAGCATAC(Forward), TCAATGGATTTTCCGGGGCCTTTTG(Reverse)
PolyA Tail: no

SEQUENCE
AGCGCATGAAGGCAGCATACAAGGCATACGAAGAGGAATTGAAGCGCTTGAAACTGGAAA
NTCCNNTCGCTGAAGCTGTCCCAACTGAAGCAGATGATTTTCAAAAACTGGCAAAAGGCC
CCGGAAAATCCATTGA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,

Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583256
EST name: Anogamb_JHU07
GenBank Acc: GO935154
GenBank gi: 237829608

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: CTGGCCGAAGATTTCCTCGACATTC
PCR backward: TCCATCGAACCGTTCTCCTCGAAGTC
Sequencing: CTGGCCGAAGATTTCCTCGACATTC(Forward), TCCATCGAACCGTTCTCCTCGAAGTC(Reverse)
PolyA Tail: no

SEQUENCE

CTGGCCGAAGATTTCCTCGACATTCAGGGTCAACCGATCAACCCGTGGTCGCGTATCTAC
CCGGAGGAAATGATCCAGACCGGTATCTCCGCCATCGACGTGATGAACTCGATCGCCCGT
GGTCAGAAGATTCCGATCTTCTCGGCTGCCGGTCTGCCGCACAATGAAATTGCCGCCCAG
ATCTGTCGCCAGGCCGGTCTTGTAAAGCAAACGGGTAAGTCGGTGCTGGACGAGCACGAG
GACAACTTCGCCATCGTGTTCGCCGCCATGGGTGTGAACATGGAGACGGCCCGTTTCTTC
AAGCAGGACTTCGAGGAGAACGGTTCGATGGAA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24669
Lib Name: Anopheles gambiae Adult female Ovary
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Ovary
Tissue type: Ovary

Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583224
EST name: Anogamb_JHU44
GenBank Acc: GO935122
GenBank gi: 237829607

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: agtcgcacgaaacagatctaccagag
PCR backward: gaatgctccacaaagacgaaactc
Sequencing: agtcgcacgaaacagatctaccagag(Forward), gaatgctccacaaagacgaaactc(Reverse)
PolyA Tail: no

SEQUENCE
GTCGCACGAAACAGATCTACCAGAGGGCGCTAGTAGTGCAATTGCTGGCCGCCTGATGGT
GCTGTTTGCCGAGGCCAAACGGGCGGCTAACGAGCAGAGCGACCAACAGACCAAGGGCGG
CAATACCCTGCCGGATCCAATCGAAAAGCAATTTACTCTACGGCTAAGTGGCAACACCGT
CAGCAAGGGTGCGGGAACGCCACAGTTTCTGAGAGCAATTCTGATGCCGCAAGAGTTTCG
TCTTTGTGGAGCATTC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY

dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583223
EST name: Anogamb_JHU43
GenBank Acc: GO935121
GenBank gi: 237829606

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: aaagagatccgaagaaagtgaccaag
PCR backward: tcgttctaaacagctccacaactgac
Sequencing: aaagagatccgaagaaagtgaccaag(Forward), tcgttctaaacagctccacaactgac(Reverse)
PolyA Tail: no

SEQUENCE
AAAGAGATCCGAAGAAAGTGACCAAGTGGGCTCCTGATTGTTTTGTTGCACGAAGCAACA
TGCTTGTAATGGAAGATCTTACAAGTACAGGATATCAAACAACTTCATTCCAAACAACGC
TGAATGAACAACACATGAAAGCAGTGTTCGACCGTTTAGCCCAAATGCATGCCTCTTCTA

TCCATTTTGAGATTAACCAGCTGGGCGGAAAATCGATTGGAGCTATCTATAATGAAGATG
TTTTGTTTGAAACCACATTCACTTCAACAAGCGGATGGTTTGTGGCTGGATTAAAGGGAA
TTCAAAAGATCGCTTCAGAGAGAAATCGTTACTNAAATGATCCACGAAAAAAATCAATCA
TTGAAAGTCAGTTGTGGAGCTGTTTACAAC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583222
EST name: Anogamb_JHU42
GenBank Acc: GO935120
GenBank gi: 237829605

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gtaatgttgcgctcggtgctgtcc

PCR backward: gttaatgcaatccatctcgacgtc
Sequencing: gtaatgttgcgctcggtgctgtcc(Forward),
gttaatgcaatccatctcgacgtc(Reverse)
PolyA Tail: no

SEQUENCE

TAATGTTGCGCTCGGTGCTGTCNTCCGCCAAGCGCGTGCCGCTGATCAAGTTCCGCAAGG
GTGGCCCGTTCCAGGAGGCGGCCAGCCATACGGCGGGCGGTGCAGCCGCCAACACAGCCG
CTCCAGCGCACGCACGGTCCGTGTCGTCGGGCGAGGCGATTGAGGAATGGCAGCTGCCGG
ACGCTACCGCAGGNNNCGATCGATGACGTCGAGATGGATTGCATTAACA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583221
EST name: Anogamb_JHU41
GenBank Acc: GO935119
GenBank gi: 237829604

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: cttcacggatgtgctgtgcattac
PCR backward: gatctcaatcacctcacggtacaag
Sequencing: cttcacggatgtgctgtgcattac(Forward),
gatctcaatcacctcacggtacaag(Reverse)
PolyA Tail: no

SEQUENCE
TCTTCACGGATGTGCTGTGCATTACNCCCGACCGTACGGTGCGCACGCTGAAGCTGCTGT
CCGTCGATCCGGCCAACTATCCGGACGCACCGACNGAGGGCATCCGGCGCATACTGCAGC
AGGAGACGGGTCGTGCGCTGACGGTGGACGGGCTGATCGACACCGGGCTGATCGGGTGGG
TGCGGATGGGCACTACCGTGGCCACGAACGCGCTGCTCGAGCGGGCAGGCGATCCGGTGG
CGCTCGTCGTGAACCGGGGCTTCCGGGATCTGCTGCAGATTGGCAATCAGGCGAGACCGA
ACATTTTCCAGCTGAACATCCAAAAACCGGCCAACTTGTACCGTGAGGTGATTGAGATC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583220
EST name: Anogamb_JHU40
GenBank Acc: GO935118
GenBank gi: 237829603

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gtatctgtactttgaccgggcacacc
PCR backward: gtcagcttcacctcgtacatcgtc
Sequencing: gtatctgtactttgaccgggcacacc(Forward),
gtcagcttcacctcgtacatcgtc(Reverse)
PolyA Tail: no

SEQUENCE
CCACGCCACCGTAGCTTCTTCACCCTCGGCCGGACCAGCTGCTCGTCGTTCGCGTTGGCG
AAGCAGACGAACCCGCTGGCGGCCGGATCCTCCCGCCAGTACCACCGGTCGCCGTACACG
GTCAGCAGCAGCTTGTGGTGTGCCCGGTCAAAGTACANATACA

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution
mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B.,
Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N.,
Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583219
EST name: Anogamb_JHU39
GenBank Acc: GO935117
GenBank gi: 237829602

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: cgctgcctatggtacggccaagtc
PCR backward: caaaccagcgccgagatggatgaag
Sequencing: cgctgcctatggtacggccaagtc(Forward),
caaaccagcgccgagatggatgaag(Reverse)
PolyA Tail: no

SEQUENCE
CGCTGCCTATGGTACGGCCAAGTCCGGTACCGGTATTGCCGCCATGTCGGTGATGCGTCC
GGAGTTGATCATGAAGTCCATCATTCCCGTTGTCATGGCGGGTATCATTGCCATCTACGG
TCTGGTCGTCGCTGTCCTTATCGCCGGTTCTCTGGATGAGCCATCGAAATACTCNCTGTA
CAAGGGCTTCTTCNNTCTCGG

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments
amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns
Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore,
MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution

mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583218
EST name: Anogamb_JHU34
GenBank Acc: GO935116
GenBank gi: 237829601

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: gaaaatctacgcaaacaggaggaaag
PCR backward: gtcggtttgtgcttcattcgtttcac
Sequencing: gaaaatctacgcaaacaggaggaaag(Forward), gtcggtttgtgcttcattcgtttcac(Reverse)
PolyA Tail: no

SEQUENCE

TGAAAATCTNNGCAAACAGGAGGAAAGCGTTGCGAAACAGGAGGCAATGCGCCGCAAGAC
CATCGAGCACGAGATGGAGCTGCGGGAGAAAAACAAGATGAAGCTGCTCGAGGCGGAACT
GCGTGCTAAAGCGAAGGTGGATCGGGAAAACCGTGACCTAACGCTGGAGCAAATCCGCCT
GAAGGCGGAAGAGAACCGCATCACCGTGATGGAGGGCATTAAGACGGCCGGGTCCGTCCT
GGGGCAGGGTGCCACCGCACTGCTGACCGATTGGAACAAGGTGGTCACGACGGTCGGCGG
CCTGTCGCTGCTCGCACTCGGCGTGTACACGGCCAAGGGGGCAACGGGCGTAACGGCACG
GTATGTCGAGGCGCGGATAGGTAAACCGTCGCTGGTCAATGAAACATCACGCTTTCGCTG
CNGGAGGCAC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey

Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583217
EST name: Anogamb_JHU21
GenBank Acc: GO935115
GenBank gi: 237829600

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: GCCGATCTCGAACAGCTTCATCAGA
PCR backward: TCGAATCAGCAAACAGCAAGCCAAC
Sequencing: GCCGATCTCGAACAGCTTCATCAGA(Forward), TCGAATCAGCAAACAGCAAGCCAAC(Reverse)
PolyA Tail: no

SEQUENCE

GCCGTCGTCCGGGGCGACCGGCGGCGGTGGCGGCGGCGGCGGCAGCGCCAACTCCGG
GAACGATCGCGTGATCGACAGTGTGCTCTTTCCGCCGAAACACAAGCTGACCGCGTCGGA
GGTGTTCGACTCACACACGGGCAAGCCGCGCCCGGACGTGCTAAAGCAACACTTCATCCT
CGAGGGCCGAATCGAGGAGAACGCGGCGCTGCGGATCATCCAGGAGGGGGCCGCGATCCT
CAAGGCGGAGAGCACCATGATCGACATCGAGGCGCCGGTCACCGTGTGCGGCGACATCCA
CGGCCAGTTCTACGATCTGATGAAGCTGTTCNNNATCGGC

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female

Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65583216
EST name: Anogamb_JHU19
GenBank Acc: GO935114
GenBank gi: 237829599

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ATCGCCACCAGATCGTCATAGTTCG
PCR backward: AAGCAACGATCCCTGTCGGTACGAC
Sequencing: ATCGCCACCAGATCGTCATAGTTCG(Forward), AAGCAACGATCCCTGTCGGTACGAC(Reverse)
PolyA Tail: no

SEQUENCE
CAGATCGTCATAGTTCGGCACCCGGTCCACCTTGTAGCCGTACGGAAACATGACCAGCTG
CGAGAATGAGTGGACCGAAAAATACGTCCGGATGCGCCACTGCGCCACGTGCCGCTCCAG
AAACTCCACCAGTGCGCGCGTTCCGGCTCGCTCGCCGCACTGCCACCAGCAAAGTCGTAC
CGACAGGGNTCGTTGCTT

Entry Created: May 20 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24667
Lib Name: Anopheles gambiae Adult female malpighian tubule
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Malpighian tubule
Tissue type: Malpighian tubule
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

IDENTIFIERS

dbEST Id: 65537844
EST name: Anogamb_JHU01
GenBank Acc: GO898765
GenBank gi: 237651626

CLONE INFO
DNA type: cDNA

PRIMERS
PCR forward: ATCCGACCGATCTGAGCTTCCTGG
PCR backward: CCTGTATGATCGAGGCCAGATAGTG
Sequencing: ATCCGACCGATCTGAGCTTCCTGG(Forward), CTGTATGATCGAGGCCAGATAGTG(Reverse)
PolyA Tail: no

SEQUENCE
TGAGCTTCCTGGCGAAGATGAACGACAACCTGGGTTCGCATCCGCACTACATCTGTCACA
GCCGCGCCTCGACAACGGTGCAGAAGACGATGGGCCGGGACGAGTTCCGGCTGGTGCACT

ATGCCGGCGACGTGACGTACAGTGTGCACGGCTTTCTGGACAAGAACAACGATCTGCTGT
TCCGCGACCTGAAGGAAACGATGGCGGAGTGCAGCAACGGCATCATCCGCAGCTGCTTCC
CGGCGGCCGACATCGGCAGCAAGCGGCGCCCGGAGACGGCCGTGACGCAGTTCAAGAACT
CGCTCAACAACCTGATGGACATACTGATGTGCAAGGAGCCGTCCTACATCCGGTGCATCA
AGCCGAACGATCTGCAAACGCACGGCCAGTTCGATGTGGAGCTGGTGCGGCACCAGGTGA
AGTATCTGGGGCTGATGGAGAATCTGCGCGTGCGGCGGGCCGGGTTCGCGTACCGCCGCA
CGTACGAGCTGTTCCTGCAGCGGTACAAGTGCCTAAGCCGGCAGACGTGGCCCCACTATC
ACGGCCCGGCCCAGGACGGCGTGCAGATACTGGCTAACGAGCTGGGCTACGGCAAGGACG
ACTATCGCATGGGCAAGACGAAGATTTTCATCCGCTTCCCGAAGACGCTGTTCGACACGG
AGGATGCGTTCCAGGCGCGCAAACACTATCTGGCCT

Entry Created: May 15 2009
Last Updated: May 26 2009

LIBRARY
dbEST lib id: 24618
Lib Name: Anopheles gambiae Adult female midgut
Organism: Anopheles gambiae
Strain: Keele
Sex: Female
Organ: Midgut
Tissue type: Midgut
Develop. stage: Adult
Description: cDNA was synthesized from total RNA isolated and fragments amplified by PCR

SUBMITTER
Name: Akhilesh Pandey
Institution: McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University,
Address: 527 Broadway Research Building, 733 N. Broadway, Baltimore, MD 21205, USA
Tel: 410 502 6662
Fax: 410 502 7544
E-mail: pandey@jhmi.edu

CITATIONS
Title: A comprehensive proteomic analysis using high-resolution mass spectrometry to annotate Anopheles gambiae genome
Authors: Chaerkady,R., Kandasamy,K., Patankar,N., Dwivedi,S.B., Kelkar,D.S., Kim,M.S., Mlambo,G., Okulate,M., Kumar,N., Pandey,A.
Year: 2009
Status: Unpublished

MAP DATA

||

	Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.							
	Supplementary Table 7 :Peptide directed RT-PCR validation and sequencing of novel coding regions							
	Type of the example	**GenBank Accession # assigned to RT-PCR products**	**Peptide**	**modification**	**ion score**	**genome co-ordinates**	**GSSP category**	**SNAP model**
1	novel -	GO935203	EGYDIDDANFGK	-	66	3R:+:21033784-21033819	intergenic	SNAP_ANOPHELES00000018835
2,3	novel -	GO935133, GO935132	EVAQVAVDR	-	59	3R:+:35069920-35069946	intergenic	SNAP_ANOPHELES00000018835
			LTLAVQGVAQWNR	-	70	3R:+:35069977-35070015	intergenic	SNAP_ANOPHELES00000018835
			LNICFQQPFER	C4(Carbamidomethyl)	73	3R:+:35070892-35070924	intergenic	SNAP_ANOPHELES00000018835
			NLDAAQLQVR	-	83	3R:+:35069791-35069820	intergenic	SNAP_ANOPHELES00000018835
			GLNPTSSNFLSAGAAALR	-	143	3R:+:35069821-35069874	intergenic	SNAP_ANOPHELES00000018835
			EAFNYDVNSNTASYLEK	N8(Deamidated)	72	3R:+:35070046-35070096	intergenic	SNAP_ANOPHELES00000018835
			EAFNYDVNSNTASYLEK	-	113	3R:+:35070046-35070096	intergenic	SNAP_ANOPHELES00000018835
			LRNAFGQNVQELAEVLVR	-	83	3R:+:35070097-35070150	intergenic	SNAP_ANOPHELES00000018835
			NAFGQNVQELAEVLVR	-	137	3R:+:35070103-35070150	intergenic	SNAP_ANOPHELES00000018835
			LSGEYSTSVSTLVAAVR	-	112	3R:+:35070271-35070321	intergenic	SNAP_ANOPHELES00000018835
			AANDFQAR	-	59	3R:+:35070322-35070345	intergenic	SNAP_ANOPHELES00000018835
			TNQASINTNVDR	-	83	3R:+:35070364-35070399	intergenic	SNAP_ANOPHELES00000018835
			FLTAADSLLTHLK	-	96	3R:+:35070433-35070471	intergenic	SNAP_ANOPHELES00000018835
			WPLLFSESVHQK	-	74	3R:+:35070499-35070534	intergenic	SNAP_ANOPHELES00000018835
			TVTVAQNLER	-	75	3R:+:35070589-35070618	intergenic	
			EGNNPLSYLREETDLYTR	-	112	3R:+:35070637-35070690	intergenic	SNAP_ANOPHELES00000016290
4	novel -	GO935191	LEQFFEVNEIVPEK	-	80	2L:+:47485885-47485926	intergenic	SNAP_ANOPHELES00000016290
			LEQFFEVNEIVPEKR	-	123	2L:+:47485885-47485929	intergenic	SNAP_ANOPHELES00000016290
			SAFLISCIGSQAYK	C7(Carbamidomethyl)	112	2L:+:47485930-47485971	intergenic	SNAP_ANOPHELES00000016290
			DRPFEELCELLR	C8(Carbamidomethyl)	73	2L:+:47486008-47486043	intergenic	SNAP_ANOPHELES00000016290

			DRPFEELCELLRK	C8(Carbamidomethyl)	60	2L:+:47486008-47486046	intergenic	SNAP_ANOPHELES00000016290
			KQFSPQVAIFR	-	72	2L:+:47486044-47486076	intergenic	SNAP_ANOPHELES00000016290
			QFSPQVAIFR	-	65	2L:+:47486047-47486076	intergenic	SNAP_ANOPHELES00000016290
			ERTHFYNATQSVGENVTQWYGR	-	125	2L:+:47486077-47486142	intergenic	SNAP_ANOPHELES00000016290
			THFYNATQSVGENVTQWYGR	-	121	2L:+:47486083-47486142	intergenic	SNAP_ANOPHELES00000016290
			FGSNLEAILLDK	-	112	2L:+:47486170-47486205	intergenic	SNAP_ANOPHELES00000016290
			FITGLRPGQVLDR	-	73	2L:+:47486206-47486244	intergenic	SNAP_ANOPHELES00000016290
			LCEENETLKLEQALDIAVNK	C2(Carbamidomethyl)	124	2L:+:47486245-47486304	intergenic	
			LEQALDIAVNK	-	55	2L:+:47486272-47486304	intergenic	SNAP_ANOPHELES00000002954
5	novel -	GO935117	SGTGIAAMSVMRPELIMK	M8(Oxidation)	83	3L:+:8617935-8617988	intergenic	SNAP_ANOPHELES00000002954
			SGTGIAAMSVMRPELIMK	M11(Oxidation)	89	3L:+:8617935-8617988	intergenic	SNAP_ANOPHELES00000002954
			SGTGIAAMSVMRPELIMK	M11(Oxidation), M17(Oxidation)	88	3L:+:8617935-8617988	intergenic	SNAP_ANOPHELES00000002954
			SGTGIAAMSVMRPELIMK	M8(Oxidation), M17(Oxidation)	85	3L:+:8617935-8617988	intergenic	SNAP_ANOPHELES00000002954
			SGTGIAAMSVMRPELIMK	-	115	3L:+:8617935-8617988	intergenic	SNAP_ANOPHELES00000002954
			SGTGIAAMSVMRPELIMK	M8(Oxidation), M11(Oxidation), M17(Oxidation)	92	3L:+:8617935-8617988	intergenic	SNAP_ANOPHELES00000002954
			SGTGIAAMSVMRPELIMK	M17(Oxidation)	90	3L:+:8617935-8617988	intergenic	
			SGTGIAAMSVMRPELIMK	M8(Oxidation), M11(Oxidation)	92	3L:+:8617935-8617988	intergenic	SNAP_ANOPHELES00000023340
6	novel -	GO935186	YPADLLEYYIK	-	91	3L:+:37599520-37599552	intergenic	
			LYGDSTATATPTPPASSTAGDGKP	-	67	3L:+:37601002-37601073	intergenic	SNAP_ANOPHELES00000009134
7	novel -	GO935168	LIHIPINNIIVGS	-	68	3L:+:11727028-11727066	intergenic	SNAP_ANOPHELES00000017757
8	novel -	GO935156	RFPLIVATR	-	48	3L:-:8351465-8351439	intergenic	SNAP_ANOPHELES00000017757
			RGEPNHHLLANADNGYAK	-	92	3L:-:8351546-8351493	intergenic	SNAP_ANOPHELES00000017757
			RGEPNHHLLANADNGYAK	N14(Deamidated)	71	3L:-:8351546-8351493	intergenic	SNAP_ANOPHELES00000017757
			VNIFEELLKGDE	-	111	3L:-:8351153-8351118	intergenic	SNAP_ANOPHELES00000017757
			NSLEQPYSR	-	53	3L:-:8351195-8351169	intergenic	
			LPMLTEYR	-	53	3L:-:8351219-8351196	intergenic	SNAP_ANOPHELES00000000773

9	correction of AGAP008738-RA	GO935181	LPLSALQHPPAGTGEPFFPGGASSTAPNAGDAK	-	191	3R:+:16397816-16397914	;gene of transcript AGAP008738;IntronEXON of transcript AGAP008738RA-	SNAP_ANOPHELES00000000773
			SLSVLAAGSGSGQHGAGAVEHHAAAAAGGR	-	106	3R:+:16398260-16398349	;geneNogene of transcript AGAP008738;EXONNoGene of transcript AGAP008738RA-	
			SDPGAVGGGAVYAGGNR	-	127	3R:+:16398350-16398400	intergenic	SNAP_ANOPHELES00000011602
10	correction ofAGAP008946-RA	GO935170	FRVVVVSSQFQGKPLLQR	-	50	3R:+:21526148-21526201	intergenic	SNAP_ANOPHELES00000011602
			VVVVSSQFQGKPLLQR	-	64	3R:+:21526154-21526201	intergenic	SNAP_ANOPHELES00000011602
			LVNAALEEELK	-	91	3R:+:21526796-21526828	intergenic	
			TYTPEQWAGESGP	-	80	3R:+:21526853-21526891	intergenic	SNAP_ANOPHELES00000019838
11	correction ofAGAP008963-RA	GO935201	TPFQWDATAYAGFTVASAQK	-	153	3R:-:22245735-22245676	intergenic	SNAP_ANOPHELES00000019838
			DITFEETQDPQAANTNPDVYQQFTR	-	114	3R:-:22245822-22245748	intergenic	SNAP_ANOPHELES00000019838
			ANWVLGNHDRPR	N7(Deamidated)	70	3R:-:22245972-22245937	intergenic	SNAP_ANOPHELES00000019838
			ANWVLGNHDRPR	-	53	3R:-:22245972-22245937	intergenic	SNAP_ANOPHELES00000019838
			VVIDEWLNAMPAGAR	-	78	3R:-:22246017-22245973	intergenic	SNAP_ANOPHELES00000019838
			VVIDEWLNAMPAGAR	M10(Oxidation)	107	3R:-:22246017-22245973	intergenic	SNAP_ANOPHELES00000019838
			EGDEVTEVFHVVLGR	-	105	3R:-:22245363-22245319	intergenic	SNAP_ANOPHELES00000019838
			MKEGDEVTEVFHVVLGR	M1(Oxidation)	141	3R:-:22245369-22245319	intergenic	SNAP_ANOPHELES00000019838
			MKEGDEVTEVFHVVLGR	-	110	3R:-:22245369-22245319	intergenic	SNAP_ANOPHELES00000019838
			VALTSLDAR	-	72	3R:-:22245396-22245370	intergenic	SNAP_ANOPHELES00000019838
			TLEGEQSYAVVVNLNDNDVNVNLQELHEDIDTAR	-	131	3R:-:22245498-22245397	intergenic	SNAP_ANOPHELES00000019838
			VLLNNVFGYTR	N4(Deamidated)	77	3R:-:22245531-22245499	intergenic	SNAP_ANOPHELES00000019838
			VLLNNVFGYTR	-	73	3R:-:22245531-22245499	intergenic	SNAP_ANOPHELES00000019838

			EHTFMHGDFESK	-	74	3R:-:22245567-22245532	intergenic	SNAP_ANOPHELES00000019838
			EHTFMHGDFESK	M5(Oxidation)	77	3R:-:22245567-22245532	intergenic	SNAP_ANOPHELES00000019838
			KEHTFMHGDFESK	M6(Oxidation)	97	3R:-:22245570-22245532	intergenic	SNAP_ANOPHELES00000019838
			GAHMPFNFAMINR	M4(Oxidation), M10(Oxidation)	58	3R:-:22246089-22246051	;Nogenegene of transcript AGAP008963;NoGeneEXON of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			GAHMPFNFAMINR	-	53	3R:-:22246089-22246051	;Nogenegene of transcript AGAP008963;NoGeneEXON of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			GAHMPFNFAMINR	M4(Oxidation)	83	3R:-:22246089-22246051	;Nogenegene of transcript AGAP008963;NoGeneEXON of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			KGAHMPFNFAMINR	M5(Oxidation), M11(Oxidation)	60	3R:-:22246092-22246051	;Nogenegene of transcript AGAP008963;NoGeneEXON of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			KGAHMPFNFAMINR	-	62	3R:-:22246092-22246051	;Nogenegene of transcript AGAP008963;NoGeneEXON of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			SPMADFGYDISDFRDVDPIFGTMADLDR	M3(Oxidation), M23(Oxidation)	148	3R:-:22246838-22246755	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utrcodingexon of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838

			SPMADFGYDISDFRDVDPIFGTMADLDR	M3(Oxidation)	62	3R:-:22246838-22246755	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utrcodingexon of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			SPMADFGYDISDFR	-	109	3R:-:22246838-22246797	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utrcodingexon of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			SPMADFGYDISDFR	M3(Oxidation)	132	3R:-:22246838-22246797	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utrcodingexon of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			LEHLADLGVTGVWLSPVFK	-	162	3R:-:22246895-22246839	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utr of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			DSNGDGVGDLTGITEK	-	125	3R:-:22246943-22246896	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utr of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			DSNGDGVGDLTGITEK	N3(Deamidated)	129	3R:-:22246943-22246896	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utr of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838

			SFKDSNGDGVGDLTGITEK	-	117	3R:-:22246952-22246896	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utr of transcript AGAP008963RA-	SNAP_ANOPHELES00000019838
			SFKDSNGDGVGDLTGITEK	N6(Deamidated)	144	3R:-:22246952-22246896	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utr of transcript AGAP008963RA-	
			QHDHSAELDWWESGVFYQIYPR	-	83	3R:-:22247018-22246953	;gene of transcript AGAP008963;EXON of transcript AGAP008963RA;five_prime_utr of transcript AGAP008963RA-	SNAP_ANOPHELES00000018147
12	correction ofAGAP009201-RA	GO935205	GVAGVPGVMGQQGWQGGR	M9(Oxidation)	88	3R:+:28648329-28648382	intergenic	SNAP_ANOPHELES00000018147
			NFIDLTPEMGDR	M9(Oxidation)	65	3R:+:28649691-28649726	intergenic	SNAP_ANOPHELES00000018147
			NFIDLTPEMGDR	-	59	3R:+:28649691-28649726	intergenic	SNAP_ANOPHELES00000018147
			NFIDLTPEMGDRGDR	M9(Oxidation)	50	3R:+:28649691-28649735	intergenic	SNAP_ANOPHELES00000018147
			DAFVNEYNIWSIR	-	116	3R:+:28649904-28649942	intergenic	
			ANTSTVYPPPPPQPAPGSR	-	68	3R:+:28653756-28653812	;geneNogene of transcript AGAP009201;EXONNoGene of transcript AGAP009201RA-	SNAP_ANOPHELES00000008573
13,14	correction ofAGAP009917-RA	GO935199, GO935194	LRLPKPPNLAR	-	81	3R:-:45281162-45281130	intergenic	SNAP_ANOPHELES00000008573
			YGEVEYNPGSVAQR	-	127	3R:-:45285608-45285567	;gene of transcript AGAP009917;Intron of transcript AGAP009917RA-	SNAP_ANOPHELES00000008573

			QGSTEWSIR	-	64	3R:-:45285635-45285609	;gene of transcript AGAP009917;IntronEXON of transcript AGAP009917RA-	SNAP_ANOPHELES00000008573
			APSAEQIIFVR	-	98	3R:-:45290228-45290196	;geneNogene of transcript AGAP009917;EXONNoGene of transcript AGAP009917RA-	SNAP_ANOPHELES00000008573
			RAPSAEQIIFVR	-	80	3R:-:45290231-45290196	;geneNogene of transcript AGAP009917;EXONNoGene of transcript AGAP009917RA-	SNAP_ANOPHELES00000008573
			APPGNTVEVK	-	54	3R:-:45290261-45290232	intergenic	
			QFYSLQLPGK	-	65	3R:-:45290303-45290274	intergenic	SNAP_ANOPHELES00000003869
15,16	correction ofAGAP010023-RA	GO935185, GO935184	CTCVPGYIESPNTIR	C1(Carbamidomethyl), C3(Carbamidomethyl)	71	3R:+:47879697-47879741	intergenic	SNAP_ANOPHELES00000003869
			RPVCSCQPNFIGSPPACRPECVLSSECPQDK	C4(Carbamidomethyl), C6(Carbamidomethyl), C17(Carbamidomethyl), C21(Carbamidomethyl), C27(Carbamidomethyl)	50	3R:+:47881659-47881751	intergenic	SNAP_ANOPHELES00000003869
			AGFEGDAFIGCSAVPK	C11(Carbamidomethyl)	108	3R:+:47881851-47881898	;Nogenegene of transcript AGAP010023;NoGeneEXON of transcript AGAP010023RA-	SNAP_ANOPHELES00000003869
			ICINPCQADSCGDNAECFAVNHGIDCR	C2(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl), C26(Carbamidomethyl)	153	3R:+:47878985-47879065	intergenic	SNAP_ANOPHELES00000003869
			AGYVGNAYIECTQHQGCLSDR	C11(Carbamidomethyl), C17(Carbamidomethyl)	104	3R:+:47879072-47879134	intergenic	SNAP_ANOPHELES00000003869
			QCNDNEACIQGR	C2(Carbamidomethyl), C8(Carbamidomethyl)	64	3R:+:47879135-47879170	intergenic	SNAP_ANOPHELES00000003869
			GCVEPSSPCDPNPCGFGAICDATR	C2(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	51	3R:+:47879742-47879813	intergenic	SNAP_ANOPHELES00000003869

			NPVCYCPDSMIGNPYR	C4(Carbamidomethyl), C6(Carbamidomethyl), M10(Oxidation)	91	3R:+:47879814-47879861	intergenic	SNAP_ANOPHELES00000003869
			NPVCYCPDSMIGNPYR	C4(Carbamidomethyl), C6(Carbamidomethyl)	120	3R:+:47879814-47879861	intergenic	SNAP_ANOPHELES00000003869
			EQCYCKPNFIGDPYGGCVEQPR	C3(Carbamidomethyl), C5(Carbamidomethyl), C17(Carbamidomethyl)	112	3R:+:47879949-47880014	intergenic	SNAP_ANOPHELES00000003869
			DPCPGSCGYNALCTVER	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl)	128	3R:+:47880837-47880887	intergenic	SNAP_ANOPHELES00000003869
			NYYGDPLIGCRPECVVNTDCPISK	C10(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	102	3R:+:47881047-47881118	intergenic	SNAP_ANOPHELES00000003869
			TTPDGYAICSCLPGYR	C9(Carbamidomethyl), C11(Carbamidomethyl)	87	3R:+:47881326-47881373	intergenic	SNAP_ANOPHELES00000003869
			CADPCPGTCGVGAR	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	58	3R:+:47881452-47881493	intergenic	SNAP_ANOPHELES00000003869
			NPCDPSPCGPNSICQVR	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	76	3R:+:47881602-47881652	intergenic	
			AVCTCAAGMLGTPPNCRPECETDQDCPSNR	C3(Carbamidomethyl), C5(Carbamidomethyl), M9(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl)	94	3R:+:47882592-47882681	;gene of transcript AGAP010023;Intron of transcript AGAP010023RA-	SNAP_ANOPHELES00000014262
17	correction ofAGAP010712-RA	GO935161	FLLAQEAADEPVAK	-	98	3L:+:8916514-8916555	intergenic	
			SAQHGESETEKSEQQPSSEQGR	-	108	3L:+:8915596-8915661	;gene of transcript AGAP010712;IntronEXON of transcript AGAP010712RA-	SNAP_ANOPHELES00000014206
18,19, 20	correction ofAGAP011208-RA	GO935127, GO935172, GO935171	IYAIPQSIMLGSGTQLFDHIAECLANFMK	C23(Carbamidomethyl)	46	3L:-:19390837-19390751	intergenic	SNAP_ANOPHELES00000014206
			DENDFEMLSK	M7(Oxidation)	66	3L:-:19390867-19390838	intergenic	SNAP_ANOPHELES00000014206
			CFITYVQDLPNGK	C1(Carbamidomethyl), N11(Deamidated)	60	3L:-:19391068-19391030	intergenic	SNAP_ANOPHELES00000014206
			CFITYVQDLPNGK	C1(Carbamidomethyl)	58	3L:-:19391068-19391030	intergenic	SNAP_ANOPHELES00000014206
			GAALVAAVACR	C10(Carbamidomethyl)	71	3L:-:19386016-19385984	intergenic	SNAP_ANOPHELES00000014206
			QFVKPHISFDLMLSEDGSGR	-	59	3L:-:19386076-19386017	intergenic	SNAP_ANOPHELES00000014206

			LPLGFTFSFPLTQLGLTK	-	113	3L:-:19389867-19389814	;gene of transcript AGAP011208;EXON of transcript AGAP011208RA;five_prime_utrcodingexon of transcript AGAP011208RA-	SNAP_ANOPHELES00000014206
			VLLIHLKDENDFEMLSK	M14(Oxidation)	119	3L:-:19390888-19390838	intergenic	SNAP_ANOPHELES00000014206
			VLLIHLKDENDFEMLSK	-	87	3L:-:19390888-19390838	intergenic	SNAP_ANOPHELES00000014206
			FLALDLGGTNFR	-	99	3L:-:19390924-19390889	intergenic	SNAP_ANOPHELES00000014206
			FLALDLGGTNFR	N10(Deamidated)	60	3L:-:19390924-19390889	intergenic	SNAP_ANOPHELES00000014206
			GKFLALDLGGTNFR	-	74	3L:-:19390930-19390889	intergenic	
			ELILTDKQIEEIMR	-	59	3L:-:19391173-19391132	intergenic	SNAP_ANOPHELES00000002262
21	correction ofAGAP011726-RA	GO898765	SLPTSFMNHTWIAAPK	-	55	3L:-:32455479-32455432	;gene of transcript AGAP011725;EXON of transcript AGAP011725RA;five_prime_utrcodingexon of transcript AGAP011725RA-	SNAP_ANOPHELES00000002262
			KHYLASIIQAR	-	45	3L:-:32455746-32455714	intergenic	SNAP_ANOPHELES00000002262
			TLFDTEDAFQAR	-	94	3L:-:32455782-32455747	intergenic	SNAP_ANOPHELES00000002262
			QTWPHYHGPAQDGVQILANELGYGKDDYR	-	56	3L:-:32455905-32455819	intergenic	SNAP_ANOPHELES00000002262
			QTWPHYHGPAQDGVQILANELGYGK	-	87	3L:-:32455905-32455831	intergenic	SNAP_ANOPHELES00000002262
			TYELFLQR	-	53	3L:-:32455947-32455924	intergenic	SNAP_ANOPHELES00000002262
			YLGLMENLR	-	59	3L:-:32456004-32455978	intergenic	SNAP_ANOPHELES00000002262
			NSLNNLMDILMCK	M7(Oxidation), M11(Oxidation), C12(Carbamidomethyl)	91	3L:-:32456130-32456092	intergenic	SNAP_ANOPHELES00000002262
			NSLNNLMDILMCK	N1(Deamidated), M7(Oxidation), M11(Oxidation), C12(Carbamidomethyl)	47	3L:-:32456130-32456092	intergenic	SNAP_ANOPHELES00000002262

			DLKETMAECSNGIIR	M6(Oxidation), C9(Carbamidomethyl)	65	3L:-:32456241-32456197	intergenic	SNAP_ANOPHELES00000002262
			LVHYAGDVTYSVHGFLDKNNDLLFR	-	146	3L:-:32456316-32456242	intergenic	SNAP_ANOPHELES00000002262
			LVHYAGDVTYSVHGFLDK	-	121	3L:-:32456316-32456263	intergenic	SNAP_ANOPHELES00000002262
			MNDNLGSHPHYICHSR	M1(Oxidation), C13(Carbamidomethyl)	63	3L:-:32456409-32456362	;Nogenegene of transcript AGAP011726;NoGeneEXON of transcript AGAP011726RA-	SNAP_ANOPHELES00000002262
			ELPIYTESDVKEYR	-	78	3L:-:32458374-32458333	intergenic	SNAP_ANOPHELES00000002262
			ELPIYTESDVK	-	64	3L:-:32458374-32458342	intergenic	SNAP_ANOPHELES00000002262
			VGLQDQVLLEDYQSEDAFIDNLRK	-	128	3L:-:32458953-32458882	intergenic	
			VGLQDQVLLEDYQSEDAFIDNLR	-	122	3L:-:32458953-32458885	intergenic	SNAP_ANOPHELES00000022094
22	correction ofAGAP011851-RA	GO935120	SVSSGEAIEEWQLPAR	-	110	3L:+:34064357-34064404	intergenic	SNAP_ANOPHELES00000023292
23,24,25	correction ofAGAP011872-RA and AGAP011873-RA	GO935136, GO935137, GO935138	FYDDTFFNR	-	78	3L:-:34569194-34569168	intergenic	SNAP_ANOPHELES00000023292
			QFLFRPHDVQQPK	-	81	3L:-:34569323-34569285	intergenic	SNAP_ANOPHELES00000023292
			GDGEIIVTDMDLIEK	M10(Oxidation)	86	3L:-:34569383-34569339	intergenic	SNAP_ANOPHELES00000023292
			GDGEIIVTDMDLIEK	-	94	3L:-:34569383-34569339	intergenic	SNAP_ANOPHELES00000023292
			MFQDVLGQLK	-	68	3L:-:34569488-34569459	intergenic	SNAP_ANOPHELES00000023292
			YDGQIAVFGR	-	81	3L:-:34569518-34569489	intergenic	SNAP_ANOPHELES00000023292
			VLGPYTFSIGDTSKLSPYLR	-	67	3L:-:34570046-34569987	intergenic	SNAP_ANOPHELES00000023292
			VLGPYTFSIGDTSK	-	99	3L:-:34570046-34570005	intergenic	SNAP_ANOPHELES00000023292
			IKVLGPYTFSIGDTSK	-	76	3L:-:34570052-34570005	intergenic	SNAP_ANOPHELES00000023292
			NVILGGVK	-	50	3L:-:34573228-34573205	intergenic	SNAP_ANOPHELES00000023292
			SDVLISGLGGLGVEVAKNVILGGVK	-	118	3L:-:34573279-34573205	intergenic	SNAP_ANOPHELES00000023292
			SDVLISGLGGLGVEVAK	-	130	3L:-:34573279-34573229	intergenic	SNAP_ANOPHELES00000023292

			SIEDCVKWAR	C5(Carbamidomethyl)	71	3L:-:34566986-34566957	;geneNogene of transcript AGAP011872;EXONNoGene of transcript AGAP011872RA;NoGenefive_prime_utr of transcript AGAP011872RA-	SNAP_ANOPHELES00000023292
			ALIDDRPK	-	55	3L:-:34567010-34566987	intergenic	SNAP_ANOPHELES00000023292
			LPGVQPLEALESVK	-	100	3L:-:34567137-34567096	intergenic	SNAP_ANOPHELES00000023292
			TLKLPGVQPLEALESVK	-	53	3L:-:34567146-34567096	intergenic	SNAP_ANOPHELES00000023292
			QVAENAAQYISDPTFIER	-	126	3L:-:34567200-34567147	intergenic	SNAP_ANOPHELES00000023292
			DTFEGIFK	-	62	3L:-:34567224-34567201	intergenic	SNAP_ANOPHELES00000023292
			NFPNAIEHTLQWAR	-	100	3L:-:34567266-34567225	intergenic	SNAP_ANOPHELES00000023292
			LDGVANALDNIDAR	-	101	3L:-:34569167-34569126	intergenic	SNAP_ANOPHELES00000023292
			YFIVGAGAIGCELLK	C11(Carbamidomethyl)	112	3L:-:34569458-34569414	intergenic	SNAP_ANOPHELES00000023292
			EMGVEELNEAMLTK	-	86	3L:-:34569749-34569708	intergenic	SNAP_ANOPHELES00000023292
			EMGVEELNEAMLTK	M2(Oxidation), M11(Oxidation)	64	3L:-:34569749-34569708	intergenic	SNAP_ANOPHELES00000023292
			LPRPWNVEDAAEFVEMCR	C17(Carbamidomethyl)	68	3L:-:34569815-34569762	intergenic	SNAP_ANOPHELES00000023292
			LPRPWNVEDAAEFVEMCR	M16(Oxidation), C17(Carbamidomethyl)	79	3L:-:34569815-34569762	intergenic	SNAP_ANOPHELES00000023292
			WDHPANTQIAFTVLGR	-	89	3L:-:34569884-34569837	intergenic	SNAP_ANOPHELES00000023292
			SLAEAENAPEFIMTDFAK	M13(Oxidation)	128	3L:-:34569938-34569885	intergenic	SNAP_ANOPHELES00000023292
			SLAEAENAPEFIMTDFAK	-	166	3L:-:34569938-34569885	intergenic	SNAP_ANOPHELES00000023292
			HNIALIVADTR	-	81	3L:-:34572946-34572914	intergenic	SNAP_ANOPHELES00000023292
			VAEITHRHNIALIVADTR	-	52	3L:-:34572967-34572914	intergenic	SNAP_ANOPHELES00000023292
			VVVLTLAPPAEQR	-	48	3L:-:34573009-34572971	intergenic	SNAP_ANOPHELES00000023292
			AEASCQQLSELNHYVPTVAYTGELTEEFLQK	C5(Carbamidomethyl)	153	3L:-:34573108-34573016	intergenic	SNAP_ANOPHELES00000023292
			NRAEASCQQLSELNHYVPTVAYTGELTEEFLQK	C7(Carbamidomethyl)	96	3L:-:34573114-34573016	intergenic	

			SVTLHDTAVCTVGDLSSQFYLTAEDVAGGR	C10(Carbamidomethyl)	103	3L:-:34573204-34573115	intergenic	SNAP_ANOPHELES00000024241
26	correction ofAGAP012291-RA	GO935202	GTLVFIPVVGIHFDPK	-	56	3L:+:39813282-39813329	intergenic	SNAP_ANOPHELES00000024241
			NNIQPGTYLPFGAGPR	-	86	3L:+:39813384-39813431	intergenic	SNAP_ANOPHELES00000024241
			AALYYLLLNFR	-	89	3L:+:39813471-39813503	intergenic	

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 6: N-terminally acetylated peptides

	Start Site	Peptide ID	Peptide	Protein	Modifications	Mascot Score	charge	m/z	Delt ppm	Coordinates
1	2	JHU_AG_107418	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-TERM(ACETYL), M5(OXIDATION)	53	1	957.4464	0.52	2R:-:52955533-52955507;2R:-:52955533-52955507
2	2	JHU_AG_66870	AAAAMAHEKLWTEK	AGAP004235-PA,AGAP004235-PC	N-TERM(ACETYL)	86	1	1598.80315	2.2	2R:-:52955533-52955492;2R:-:52955533-52955492
3	2	JHU_AG_44981	AAAPVIIPSVAK	AGAP012126-PA	N-TERM(ACETYL)	62	2	589.86145	1.03	3L:-:37915695-37915660
4	2	JHU_AG_112614	AAAYQYR	AGAP006260-PD	N-TERM(ACETYL)	33	1	884.42639	0.32	2L:-:28717153-28717133
5	2	JHU_AG_85620	AAEENGTNAINTVVGPDDDPMRDPTR	AGAP010048-PA	N-TERM(ACETYL), N5(DEAMIDATED), M21(OXIDATION)	32	3	938.75739	3.26	3R:+:48237426-48237503
6	2	JHU_AG_78669	AAEIKPAPR	AGAP008932-PA	N-TERM(ACETYL)	50	1	994.56981	1.75	3R:+:21124718-21124744
7	2	JHU_AG_106472	AAIISQAMPDTVDGAEIPK	AGAP000704-PA	N-TERM(ACETYL), M8(OXIDATION)	83	2	992.99805	-0.45	X:-:12623581-12623525
8	2	JHU_AG_18223	AALADSVLDALVYEHLSK	AGAP005369-PA,AGAP005369-PB	N-TERM(ACETYL)	150	1	1957.03935	5.92	2L:-:14706930-14706877;2L:-:14706930-14706877
9	2	JHU_AG_74076	AALADSVLDALVYEHLSKK	AGAP005369-PA,AGAP005369-PB	N-TERM(ACETYL)	113	1	2085.12993	3.45	2L:-:14706930-14706874;2L:-:14706930-14706874
10	2	JHU_AG_108393	AALDQDNFQQLMGSLLSTDNDVR	AGAP003769-PA	N-TERM(ACETYL), M12(OXIDATION)	40	1	2609.2258	4.17	2R:-:43133829-43133761
11	2	JHU_AG_1388	AALDQDNFQQLMGSLLSTDNDVRTK	AGAP003769-PA	N-TERM(ACETYL), M12(OXIDATION)	64	1	2838.36692	3.3	2R:-:43133829-43133755
12	2	JHU_AG_54152	AALPR	AGAP005197-PA	N-TERM(ACETYL)	30	1	569.34155	1.66	2L:-:12186318-12186304
13	2	JHU_AG_34033	AALTKGVFIVAAK	AGAP006821-PA	N-TERM(ACETYL)	82	1	1330.81365	3.21	2L:+:38891173-38891188,38891889-38891911
14	2	JHU_AG_13616	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-TERM(ACETYL)	37	2	870.47095	3.39	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730

15	2	JHU_AG_105048	AANVQQQSGNLLDVLKK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-TERM(ACETYL)	117	1	1868.02971	3.22	2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733
16	2	JHU_AG_108709	AAQLDGVFEAELQK	AGAP008637-PA	N-TERM(ACETYL)	73	2	780.90393	6.46	3R:+:13805744-13805785
17	2	JHU_AG_116188	AAQLDGVFEAELQKK	AGAP008637-PA	N-TERM(ACETYL)	78	1	1688.8864	0.55	3R:+:13805744-13805788
18	2	JHU_AG_104121	AAQQITIDQLDKDQIK	AGAP000781-PA	N-TERM(ACETYL)	96	1	1869.9896	-	X:-:14240078-14240031
19	2	JHU_AG_69118	AASSQASR	AGAP003864-PA	N-TERM(ACETYL)	50	2	410.20047	-	2R:-:44693829-44693806
20	2	JHU_AG_109705	AATLKPYLTAVR	AGAP001306-PA	N-TERM(ACETYL)	64	1	1345.7843	0.36	2R:+:2802454-2802489
21	2	JHU_AG_12154	AAVATK	AGAP010591-PA	N-TERM(ACETYL)	44	1	602.35156	1.21	3L:-:6564475-6564458
22	2	JHU_AG_95917	AAVATKDIEKPVVETATVHR	AGAP010591-PA	N-TERM(ACETYL)	165	1	2177.1957	1.47	3L:-:6564475-6564416
23	2	JHU_AG_103794	AAVVALGANVLSAK	AGAP003331-PB,AGAP003331-PA	N-TERM(ACETYL)	95	2	663.39612	4.64	2R:-:36121810-36121769;2R:-:36121810-36121769
24	2	JHU_AG_19576	ADAELAK	AGAP001700-PA	N-TERM(ACETYL)	48	1	759.39227	5.16	2R:-:8800162-8800165,8799864-8799958
25	2	JHU_AG_2093	ADDEAK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	N-TERM(ACETYL)	33	1	690.29437	0.37	X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351
26	2	JHU_AG_25082	ADDEAKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	N-TERM(ACETYL)	38	1	818.38872	-0.45	X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354
27	2	JHU_AG_70008	ADEAFENFDEEAAAPQEMDDAVQDDQAAQVYEEAPVVQTAELPEIK	AGAP008329-PA,AGAP012939-PA	N-TERM(ACETYL),M18(OXIDATION)	84	1	5124.2726	2.68	3R:-:9180546-9180409;UNKN:+:41467182-41467319
28	2	JHU_AG_101146	ADEAQPPNGTDVVDK	AGAP006948-PA	N-TERM(ACETYL)	107	1	1597.7325	-	2L:-:40203217-40203173
29	2	JHU_AG_106961	ADEDKGLVAGHPPAVK	AGAP011832-PA	N-TERM(ACETYL)	86	1	1645.85503	0.32	3L:+:33893414-33893456,33893529-33893533
30	2	JHU_AG_107743	ADFDSATK	AGAP004708-PA	N-TERM(ACETYL)	41	1	896.40411	4.98	2L:-:2474293-2474270
31	2	JHU_AG_57592	ADFLEYSSISSEIR	AGAP012335-PA	N-TERM(ACETYL)	58	2	829.89972	0.78	3L:-:40743495-40743454

32	2	JHU_AG_106431	ADGVISIK	AGAP001200-PB	N-TERM(ACETYL)	47	1	844.47876	1.48	2R:+:1285931-1285954
33	2	JHU_AG_99074	ADGVISIKLAIHDSNQGDGALYR	AGAP001200-PB	N-TERM(ACETYL)	127	1	2455.2676	4.04	2R:+:1285931-1285999
34	2	JHU_AG_14388	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-TERM(ACETYL)	52	1	1899.9409	3.2	2R:-:7184744-7184697
35	2	JHU_AG_56584	ADKGSQPGGTPQPLVK	AGAP002686-PA	N-TERM(ACETYL)	43	1	1621.8567	1.38	2R:+:25618252-25618299
36	2	JHU_AG_1926	ADLDDFFAK	AGAP003612-PA	N-TERM(ACETYL)	77	1	1083.4990	-	2R:-:40512443-40512417
37	2	JHU_AG_110683	ADLDDFFAKK	AGAP003612-PA	N-TERM(ACETYL)	56	1	1211.5956	1.06	2R:-:40512443-40512414
38	2	JHU_AG_104404	ADLEAVNGVDDANDKK	AGAP004606-PA	N-TERM(ACETYL)	106	1	1715.8120	2.16	2R:+:58338846-58338893
39	2	JHU_AG_109961	ADLGAPVR	AGAP006879-PA	N-TERM(ACETYL)	57	1	840.45691	-	2L:+:39319876-39319899
40	2	JHU_AG_41779	ADLGAPVRVSPLIR	AGAP006879-PA	N-TERM(ACETYL)	68	1	1505.8843	2.92	2L:+:39319876-39319917
41	2	JHU_AG_13118	ADNSSSLDAQFVSQSNSFATK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-TERM(ACETYL)	62	2	1123.51489	0.74	2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279
42	2	JHU_AG_108177	ADNSSSLDAQFVSQSNSFATKLYQR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-TERM(ACETYL)	123	1	2806.33525	2.61	2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183
43	2	JHU_AG_70518	ADNTKLLALLQRPLEPTFYPK	AGAP004977-PA	N-TERM(ACETYL)	110	1	2470.3794	3.63	2L:-:7454886-7454824
44	2	JHU_AG_63861	ADQAPEDGTK	AGAP001274-PA	N-TERM(ACETYL)	59	2	537.24133	0.72	2R:+:2185487-2185516
45	2	JHU_AG_34989	ADQAPEDGTKK	AGAP001274-PA	N-TERM(ACETYL)	52	1	1201.5696	0.03	2R:+:2185487-2185519
46	2	JHU_AG_12188	ADQLTEEQIAEFK	AGAP010957-PA	N-TERM(ACETYL)	94	2	782.38074	0.28	3L:+:13803104-13803142
47	2	JHU_AG_14842	ADQQNIR	AGAP009998-PA	N-TERM(ACETYL)	51	1	886.43804	0.32	3R:+:47431969-47431977,47432460-47432471
48	2	JHU_AG_94666	ADQQNIRAFQK	AGAP009998-PA	N-TERM(ACETYL)	69	1	1360.70049	2.68	3R:+:47431969-47431977,47432460-47432483
49	2	JHU_AG_107700	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-TERM(ACETYL)	88	2	934.47589	2.56	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483
50	2	JHU_AG_72486	ADSFFK	AGAP003302-PA	N-TERM(ACETYL)	40	1	756.3562	-	2R:+:35342845-35342862

51	2	JHU_AG_100872	ADSKNDDLATAILK	AGAP005630-PA	N-TERM(ACETYL)	126	1	1516.79253	4.7	2L:-:18014672-18014675,18013538-18013613
52	2	JHU_AG_44674	ADTATAAAATK	AGAP002754-PA	N-TERM(ACETYL)	78	2	517.26141	-	2R:+:26675077-26675109
53	2	JHU_AG_51025	ADTATAAAATKKPAK	AGAP002754-PA	N-TERM(ACETYL)	106	1	1457.7968	0.61	2R:+:26675077-26675121
54	2	JHU_AG_17739	ADTATESTNASAATAAAAATNWVQK	AGAP003397-PA	N-TERM(ACETYL)	42	1	2464.1672	3.45	2R:+:37296881-37296955
55	2	JHU_AG_117717	ADVDDVISDQDKIR	AGAP006141-PA	N-TERM(ACETYL)	107	1	1630.7950	1.92	2L:-:27100948-27100907
56	2	JHU_AG_106100	ADVDVMR	AGAP005400-PA	N-TERM(ACETYL), M6(OXIDATION)	42	2	432.20029	0.57	2L:+:15055103-15055123
57	2	JHU_AG_10989	ADWDEIKR	AGAP007742-PA	N-TERM(ACETYL)	37	1	1074.5260	4.23	3R:+:176425-176448
58	2	JHU_AG_32950	ADYDWNEQHRQQVLQGR	AGAP003112-PA	N-TERM(ACETYL)	91	1	2185.0257	3.98	2R:-:32509581-32509531
59	2	JHU_AG_27874	AEADMPTFK	AGAP007699-PC	N-TERM(ACETYL), M5(OXIDATION)	53	1	1067.47014	-1.23	2L:-:49133420-49133394
60	2	JHU_AG_102620	AEDDAIFDPSLMK	AGAP007218-PA	N-TERM(ACETYL), M12(OXIDATION)	41	2	755.34583	4.33	2L:+:44381530-44381544,44381853-44381876
61	2	JHU_AG_12160	AEDDAIFDPSLMKK	AGAP007218-PA	N-TERM(ACETYL), M12(OXIDATION)	51	1	1637.77532	1.53	2L:+:44381530-44381544,44381853-44381879
62	2	JHU_AG_32735	AEEAIFEFLHSEIVNYTLSK	AGAP002385-PA	N-TERM(ACETYL)	116	1	2382.1860	-	2R:-:20872141-20872082
63	2	JHU_AG_108426	AEEEQMPIIPVKEPLDLIR	AGAP013519-PA	N-TERM(ACETYL), M6(OXIDATION)	47	1	2278.20188	0.81	2R:-:5859270-5859273,5859068-5859134
64	2	JHU_AG_115470	AEENKNGAAPATEVEPQDAPEEQK	AGAP003775-PA	N-TERM(ACETYL), N4(DEAMIDATED)	100	1	2595.17046	0.4	2R:+:43152341-43152412
65	2	JHU_AG_4460	AEESDLMELINR	AGAP010161-PA	N-TERM(ACETYL), M7(OXIDATION)	59	2	739.34875	4.23	3R:-:49705776-49705741
66	2	JHU_AG_28968	AEGNGEVVEEMANQK	AGAP001419-PB,AGAP001419-PC	N-TERM(ACETYL), N4(DEAMIDATED), M11(OXIDATION)	56	1	1663.7199	4.95	2R:+:4707222-4707266;2R:+:4707222-4707266
67	2	JHU_AG_19593	AEIGDDVPLADRIR	AGAP010041-PA	N-TERM(ACETYL)	44	1	1581.8284	3.29	3R:+:48135366-48135407
68	2	JHU_AG_28747	AEKPKRPLSAYMLWLNSAR	AGAP012334-PA	N-TERM(ACETYL), M12(OXIDATION)	62	1	2289.22208	2.07	3L:-:40733601-40733545
69	2	JHU_AG_16692	AELNAEFR	AGAP002378-PA	N-TERM(ACETYL)	61	2	496.24564	-	2R:+:20816219-20816242
70	2	JHU_AG_28890	AELNAEFRGYR	AGAP002378-PA	N-TERM(ACETYL)	41	1	1367.6698	-	2R:+:20816219-20816251
71	2	JHU_AG_104409	AENKGMLLAK	AGAP005076-PA,AGAP005076-PB	N-TERM(ACETYL), M6(OXIDATION)	43	1	1132.60307	-0.06	2L:+:9658071-9658100;2L:+:9658071-9658100
72	2	JHU_AG_106819	AETYEEYEETHHVTR	AGAP000969-PA	N-TERM(ACETYL)	34	1	1935.8365	0.52	X:-:18614175-18614131
73	2	JHU_AG_50376	AEYLASIFGTEK	AGAP002956-PA	N-TERM(ACETYL)	88	1	1370.6859	1.52	2R:+:30114594-30114629
74	2	JHU_AG_31871	AFEAIPKDLR	AGAP005428-PA	N-TERM(ACETYL)	47	1	1201.6594	1.54	2L:-:15423700-15423671

75	2	JHU_AG_32979	AFNKDEMNAPSWMNR	AGAP003767-PA	N-TERM(ACETYL), M13(OXIDATION)	47	2	934.90942	3.23	2R:+:43119973-43120017
76	2	JHU_AG_98244	AGAMMIDR	AGAP001440-PB	N-TERM(ACETYL), M4(OXIDATION), M5(OXIDATION)	36	2	469.70761	0.92	2R:+:5049889-5049912
77	2	JHU_AG_103858	AGANPFQSLLK	AGAP007258-PA	N-TERM(ACETYL)	68	1	1187.64324	1.08	2L:-:44760846-44760849,44760195-44760256
78	2	JHU_AG_78365	AGEHNTESGAEQPVVSER	AGAP013124-PA	N-TERM(ACETYL)	129	1	1938.8839	2.62	2R:-:6113453-6113400
79	2	JHU_AG_22259	AGEVLVDALPYIDLGYDDPGVR	AGAP002305-PA	N-TERM(ACETYL)	101	1	2389.1958	1.48	2R:-:19053663-19053598
80	2	JHU_AG_29662	AGFNPVDMVEEDAADLQFPK	AGAP001228-PA,AGAP001228-PB	N-TERM(ACETYL), M8(OXIDATION)	59	1	2251.025	1.12	2R:-:1652882-1652823;2R:-:1652882-1652823
81	2	JHU_AG_86340	AGGGDESKLTGLSR	AGAP004788-PA	N-TERM(ACETYL)	49	1	1389.6996	1.95	2L:+:3573819-3573860
82	2	JHU_AG_104831	AGGSSPSKEDIDAIFHR	AGAP005609-PA,AGAP005609-PB	N-TERM(ACETYL)	77	1	1828.88999	4.09	2L:+:17834221-17834271;2L:+:17834221-17834271
83	2	JHU_AG_40901	AGILFVVHIPSAR	AGAP008879-PA,AGAP008879-PC	N-TERM(ACETYL)	94	1	1421.83733	7.67	3R:+:20249821-20249859;3R:+:20249821-20249859
84	2	JHU_AG_41228	AGILFVVHIPSARYER	AGAP008879-PA,AGAP008879-PC	N-TERM(ACETYL)	89	1	1870.04184	4.48	3R:+:20249821-20249868;3R:+:20249821-20249868
85	2	JHU_AG_15766	AGQTINDR	AGAP010087-PA	N-TERM(ACETYL)	43	2	458.72943	3.56	3R:+:48689051-48689074
86	2	JHU_AG_87099	AGQTINDRLLAAR	AGAP010087-PA	N-TERM(ACETYL)	62	1	1440.7949	2.18	3R:+:48689051-48689089
87	2	JHU_AG_101844	AGTLYTYPENFR	AGAP000883-PA	N-TERM(ACETYL)	53	1	1473.70195	0.71	X:-:16714955-16714958,16713303-16714548
88	2	JHU_AG_41702	AGTLYTYPENFRAYK	AGAP000883-PA	N-TERM(ACETYL)	86	1	1835.90203	3.11	X:-:16714955-16714958,16713303-16714539
89	2	JHU_AG_3313	AHHQGQEVGVQDFVLLDAVTQDK	AGAP010160-PA	N-TERM(ACETYL)	47	3	859.43597	7.49	3R:-:49684681-49684613
90	2	JHU_AG_11111	AHLRPLVPELAEK	AGAP004762-PA	N-TERM(ACETYL)	62	1	1514.8733	2.85	2L:+:3151049-3151087
91	2	JHU_AG_33606	AHNYIVTAQKPTAVTACVTGNFTSPTDLNLIVAK	AGAP002472-PA	N-TERM(ACETYL), C17(CARBAMIDOMETHYL)	32	1	3657.90488	2.8	2R:+:21846636-21846693,21847007-21847050
92	2	JHU_AG_36920	AHSFANDPSEPTIPLGANK	AGAP007922-PA	N-TERM(ACETYL)	41	1	2007.9796	1.26	3R:-:2838768-2838712
93	2	JHU_AG_76615	AIELPR	AGAP004519-PA,AGAP004519-PB	N-TERM(ACETYL)	39	1	740.42975	-0.55	2R:+:57327662-57327679;2R:+:57327662-57327679

94	2	JHU_AG_117017	AINPQYEEIGK	AGAP007024-PA	N-TERM(ACETYL)	75	1	1303.6534	0.45	2L:+:41026043-41026075
95	2	JHU_AG_96940	AIPMIRLDEANQLLDFSK	AGAP009929-PA	N-TERM(ACETYL), M4(OXIDATION)	51	1	2132.11528	4.48	3R:-:45421667-45421614
96	2	JHU_AG_48020	AKFDLTAK	AGAP006944-PA	N-TERM(ACETYL)	37	2	468.26367	0.39	2L:+:40193358-40193381
97	2	JHU_AG_112362	AKPAQLLTIEPANELK	AGAP000626-PA	N-TERM(ACETYL)	109	1	1778.0138	4.46	X:-:11278509-11278462
98	2	JHU_AG_98702	AKPAQLLTIEPANELKFQGPFR	AGAP000626-PA	N-TERM(ACETYL)	196	1	2510.39188	6.05	X:-:11278509-11278512,11276504-11276646
99	2	JHU_AG_20084	ALAENTTK	AGAP005838-PA	N-TERM(ACETYL)	47	2	445.23621	2.88	2L:-:22322642-22322619
100	2	JHU_AG_11515	ALAKPK	AGAP003936-PA	N-TERM(ACETYL)	24	1	669.42969	0.39	2R:-:46545315-46545298
101	2	JHU_AG_104362	ALHVPK	AGAP010588-PA	N-TERM(ACETYL)	38	2	353.71613	0.44	3L:-:6555187-6555170
102	2	JHU_AG_37854	ALKLLVGQK	AGAP003023-PA	N-TERM(ACETYL)	57	1	1011.65929	3.11	2R:-:31230175-31230178,31229222-31229367
103	2	JHU_AG_63631	ALKSDPVFER	AGAP003091-PA	N-TERM(ACETYL)	35	1	1203.6405	3.05	2R:-:32394961-32394932
104	2	JHU_AG_106624	ALLSAMK	AGAP002473-PA	N-TERM(ACETYL)	47	1	775.43896	0.88	2R:-:21851738-21851718
105	2	JHU_AG_56583	ALLSAMKGK	AGAP002473-PA	N-TERM(ACETYL)	51	2	480.78165	1.34	2R:-:21851738-21851712
106	2	JHU_AG_31614	ALLSFLPHR	AGAP000416-PB	N-TERM(ACETYL)	67	1	1095.6307	-	X:-:7438069-7438043
107	2	JHU_AG_80823	ALMTMIAR	AGAP012717-PA	N-TERM(ACETYL), M3(OXIDATION), M5(OXIDATION)	50	2	490.7489	0.11	UNKN:-:24916386-24916363
108	2	JHU_AG_43918	ALNGFLEFFQR	AGAP007872-PA	N-TERM(ACETYL)	89	1	1383.7101	3.26	3R:-:2404959-2404927
109	2	JHU_AG_36779	ALNKLSIENVDLK	AGAP008802-PA	N-TERM(ACETYL)	104	1	1498.8523	3.16	3R:-:18056608-18056570
110	2	JHU_AG_7351	ALNLDECYEHVLGLVETAGSLIASR	AGAP006570-PA	N-TERM(ACETYL), C7(CARBAMIDOMETHYL)	134	1	2772.38834	0.34	2L:+:34169204-34169263,34169338-34169352
111	2	JHU_AG_35503	ALNPQYEEIGK	AGAP000498-PA	N-TERM(ACETYL)	47	1	1303.6524	-	X:+:8762496-8762528
112	2	JHU_AG_27528	ALSDADVQK	AGAP002401-PA	N-TERM(ACETYL)	38	1	988.49683	2.24	2R:+:20955884-20955910
113	2	JHU_AG_94771	ALSDADVQKQIK	AGAP002401-PA	N-TERM(ACETYL)	88	1	1357.7354	2.33	2R:+:20955884-20955913,20956740-20956745
114	2	JHU_AG_97307	ALYVLYEHAAGYGLFSVK	AGAP002063-PA	N-TERM(ACETYL)	163	1	2043.0576	-	2R:+:14719927-14719980
115	2	JHU_AG_11909	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-TERM(ACETYL)	86	1	1315.67314	-0.69	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159
116	2	JHU_AG_61019	ANIELETEDK	AGAP009604-PA	N-TERM(ACETYL)	63	1	1203.57397	-0.02	3R:+:36972675-36972684,36975828-36975847

117	2	JHU_AG_106300	ANIELETEDKLEYR	AGAP009604-PA	N-TERM(ACETYL)	112	1	1764.8654	0.17	3R:+:36972675-36972684,36975828-36975859
118	2	JHU_AG_61706	ANKVEEIR	AGAP004819-PC	N-TERM(ACETYL)	38	1	1000.5437	1.51	2L:-:3869622-3869599
119	2	JHU_AG_40315	ANLITVR	AGAP006901-PA,AGAP006901-PB	N-TERM(ACETYL)	32	1	828.49591	2.53	2L:-:39729830-39729810;2L:-:39729830-39729810
120	2	JHU_AG_115750	ANPNQEIK	AGAP009944-PA	N-TERM(ACETYL)	50	1	955.48308	-	3R:-:45806301-45806278
121	2	JHU_AG_114293	ANPNQEIKYTK	AGAP009944-PA	N-TERM(ACETYL)	88	1	1347.6932	2.18	3R:-:45806301-45806269
122	2	JHU_AG_103321	ANSELIVSTGYGPVQGTAR	AGAP006228-PA	N-TERM(ACETYL)	55	2	981.49615	-	2L:+:28548626-28548682
123	2	JHU_AG_114818	ANTAHLFR	AGAP000637-PA	N-TERM(ACETYL)	54	2	486.25543	-	X:+:11407476-11407499
124	2	JHU_AG_32501	ANVCEPLTLAK	AGAP005858-PA	N-TERM(ACETYL), C4(CARBAMIDOMETHYL)	44	1	1257.65186	0.83	2L:-:22635647-22635615
125	2	JHU_AG_31610	ANVLLSEAEKTYILHGIQK	AGAP010483-PA	N-TERM(ACETYL)	111	1	2169.20304	5.33	3L:-:4267581-4267584,4266604-4267456
126	2	JHU_AG_49517	AQGGGHEEQTFNEFYTEVK	AGAP005298-PA	N-TERM(ACETYL)	84	1	2212.99077	5.66	2L:-:13808692-13808695,13808227-13808542
127	2	JHU_AG_13788	AQISTTEKPQMQQIDLNTLNLQQLTQLK	AGAP003416-PA	N-TERM(ACETYL), M11(OXIDATION)	68	1	3283.72043	0.02	2R:-:37467930-37467847
128	2	JHU_AG_23418	AQLIDGK	AGAP004677-PB	N-TERM(ACETYL)	37	2	393.72177	0.8	2L:-:159353-159333
129	2	JHU_AG_93531	AQLIDGKQIAR	AGAP004677-PB	N-TERM(ACETYL)	81	1	1254.7190	2	2L:-:159353-159321
130	2	JHU_AG_43676	AQLPVYNPPSPFLGQLPSGLGLYR	AGAP004807-PA	N-TERM(ACETYL)	36	3	876.1402	1.2	2L:+:3780527-3780550,3780634-3780681
131	2	JHU_AG_5639	AQNEERLDVIIFGASGFTGK	AGAP002652-PB	N-TERM(ACETYL)	57	1	2194.1244	4.76	2R:+:25165165-25165224
132	2	JHU_AG_65793	AQQLQIFQKMLK	AGAP001243-PA	N-TERM(ACETYL), Q3(DEAMIDATED), Q8(DEAMIDATED), M10(OXIDATION)	31	1	1535.83061	10.91	2R:+:1988326-1988349,1988412-1988423
133	2	JHU_AG_102670	AQTTVANQSTLLPLELVDK	AGAP006604-PA	N-TERM(ACETYL)	77	1	2083.13091	1.29	2L:-:34673336-34673339,34672997-34673180
134	2	JHU_AG_46335	ARPAYDEFCR	AGAP006907-PA	N-TERM(ACETYL), C9(CARBAMIDOMETHYL)	59	1	1326.58904	-0.42	2L:+:39856671-39856700
135	2	JHU_AG_103174	ARPISFVTGNAK	AGAP008374-PA	N-TERM(ACETYL)	70	1	1302.7178	0.99	3R:+:10111716-10111751
136	2	JHU_AG_10910	ASDLDQWIEIVK	AGAP003017-PA	N-TERM(ACETYL)	61	2	729.88074	4.55	2R:+:31199718-31199753
137	2	JHU_AG_96336	ASEDTAPADFSALVNEDGK	AGAP008798-PA	N-TERM(ACETYL)	69	1	1978.8881	0.19	3R:-:17959644-17959588
138	2	JHU_AG_29585	ASEIPERLIIGPK	AGAP006125-PA	N-TERM(ACETYL)	87	1	1464.8473	3.55	2L:+:27012417-27012455

139	2	JHU_AG_45014	ASEVQNFYK	AGAP003606-PA	N-TERM(ACETYL)	42	2	564.27203	0	2R:-:40471473-40471447
140	2	JHU_AG_76885	ASGAFNRVLSIQSHVVHGHVGNK	AGAP005929-PA	N-TERM(ACETYL)	122	1	2456.3047	5.73	2L:-:23814960-23814892
141	2	JHU_AG_54565	ASGKLFR	AGAP009660-PA	N-TERM(ACETYL)	41	2	410.73761	0.41	3R:-:37679938-37679918
142	2	JHU_AG_102645	ASGVTVSDVCK	AGAP012056-PA	N-TERM(ACETYL), C10(CARBAMIDOMETHYL)	73	1	1164.56067	3.52	3L:-:37153026-37152994
143	2	JHU_AG_60564	ASIDSQSK	AGAP001273-PA	N-TERM(ACETYL)	47	1	877.42865	2.81	2R:+:2176673-2176696
144	2	JHU_AG_109994	ASIDSQSKNR	AGAP001273-PA	N-TERM(ACETYL)	62	2	574.28857	-	2R:+:2176673-2176702
145	2	JHU_AG_117246	ASISLLNPK	AGAP003477-PA	N-TERM(ACETYL)	64	1	984.57361	1.16	2R:+:38186092-38186118
146	2	JHU_AG_103917	ASLANKGSTLVSTLMTQARPK	AGAP009491-PA	N-TERM(ACETYL), M15(OXIDATION)	39	1	2232.2023	0.25	3R:+:34710856-34710892,34711055-34711080
147	2	JHU_AG_10469	ASNTQGIQQLLAAEK	AGAP001823-PA	N-TERM(ACETYL)	82	2	807.42841	0.09	2R:-:10903358-10903314
148	2	JHU_AG_115477	ASNTQGIQQLLAAEKK	AGAP001823-PA	N-TERM(ACETYL)	101	2	871.4754	-	2R:-:10903358-10903311
149	2	JHU_AG_104489	ASPLEYFVSFVR	AGAP006445-PA	N-TERM(ACETYL)	71	1	1456.7535	4.42	2L:-:32193761-32193726
150	2	JHU_AG_25594	ASPTPAPVK	AGAP003124-PA,AGAP003124-PB	N-TERM(ACETYL)	36	1	909.50537	1.45	2R:-:32949393-32949367;2R:-:32949393-32949367
151	2	JHU_AG_115789	ASPTPAPVKK	AGAP003124-PA,AGAP003124-PB	N-TERM(ACETYL)	49	1	1037.60063	1.55	2R:-:32949393-32949364;2R:-:32949393-32949364
152	2	JHU_AG_109635	ASQTQGIQQLLAAEK	AGAP004867-PA	N-TERM(ACETYL)	86	1	1627.8737	5.32	2L:+:4677049-4677093
153	2	JHU_AG_17285	ASQTQGIQQLLAAEKR	AGAP004867-PA	N-TERM(ACETYL)	93	1	1783.9648	-	2L:+:4677049-4677096
154	2	JHU_AG_106874	ASSDSSYQVVK	AGAP001501-PC	N-TERM(ACETYL)	64	2	606.79071	-	2R:+:5689695-5689727
155	2	JHU_AG_103369	ASSDSSYQVVKLPSPR	AGAP001501-PC	N-TERM(ACETYL)	54	1	1762.9058	4.96	2R:+:5689695-5689742
156	2	JHU_AG_104537	ASSGVVVPR	AGAP006937-PA	N-TERM(ACETYL)	51	1	913.50928	-1.02	2L:-:40164938-40164941,40164214-40164346
157	2	JHU_AG_110386	ASSHLNWLIVR	AGAP005427-PA	N-TERM(ACETYL)	89	1	1337.7333	0.62	2L:+:15421255-15421287
158	2	JHU_AG_43472	ASSHLNWLIVRDHNAFLLK	AGAP005427-PA	N-TERM(ACETYL)	120	1	2276.2397	4.3	2L:+:15421255-15421311
159	2	JHU_AG_111460	ASTLTPEEKEHLITR	AGAP003003-PA	N-TERM(ACETYL)	48	1	1766.9274	-	2R:-:30977790-30977746
160	2	JHU_AG_104198	ASTVPFVTLNNGQK	AGAP011050-PA	N-TERM(ACETYL), N11(DEAMIDATED)	59	1	1518.78662	4.42	3L:-:15776887-15776846
161	2	JHU_AG_77224	ASVETKPK	AGAP008345-PA	N-TERM(ACETYL)	36	1	901.50395	5.53	3R:+:9510134-9510157
162	2	JHU_AG_66463	ATATGHR	AGAP005057-PA	N-TERM(ACETYL)	50	2	378.19376	0.97	2L:+:8894166-8894186
163	2	JHU_AG_17412	ATEHEENPFVEALNSAALGELLQDAEKR	AGAP007064-PA	N-TERM(ACETYL)	157	1	3123.5243	0.42	2L:+:42132156-42132239
164	2	JHU_AG_34535	ATETETATIHTNGGLETVSEEEGMKPRPADIEADMREMER	AGAP004852-PA,AGAP004852-PB	N-TERM(ACETYL), M24(OXIDATION), M35(OXIDATION), M38(OXIDATION)	96	1	4522.04603	3.7	2L:-:4474210-4474091;2L:-:4474210-4474091

165	2	JHU_AG_23527	ATIDGRPAQYQITQK	AGAP010638-PA	N-TERM(ACETYL)	57	1	1731.9033	0.51	3L:-:7849503-7849459
166	2	JHU_AG_46644	ATIDGRPAQYQITQKNLR	AGAP010638-PA	N-TERM(ACETYL)	62	1	2115.1417	5.24	3L:-:7849503-7849450
167	2	JHU_AG_41163	ATIPAVSR	AGAP004236-PA	N-TERM(ACETYL)	38	1	856.48822	-0.6	2R:+:52956917-52956940
168	2	JHU_AG_100715	ATLLPKPVDPEEAAAK	AGAP003199-PA	N-TERM(ACETYL)	34	2	846.46362	-	2R:-:33778306-33778259
169	2	JHU_AG_35380	ATLVAPQAGGSTGGKPK	AGAP006070-PA	N-TERM(ACETYL)	81	1	1581.8573	-	2L:+:26053966-26054016
170	2	JHU_AG_60367	ATMHAHPGHPGGSR	AGAP006895-PA	N-TERM(ACETYL), M3(OXIDATION)	53	1	1470.66666	0.74	2L:+:39558912-39558953
171	2	JHU_AG_102733	ATNPIIK	AGAP009192-PA	N-TERM(ACETYL)	39	1	798.47168	-	3R:-:28595770-28595750
172	2	JHU_AG_79348	ATNPIIKLYTAK	AGAP009192-PA	N-TERM(ACETYL)	75	1	1374.8049	4.22	3R:-:28595770-28595735
173	2	JHU_AG_51395	ATNYITTISK	AGAP010150-PA	N-TERM(ACETYL)	42	2	577.3092	1.02	3R:-:49505705-49505676
174	2	JHU_AG_79908	ATPLAGKLALVTGAGSGIGR	AGAP009633-PA	N-TERM(ACETYL)	98	2	926.54034	4.44	3R:-:37349605-37349608,37348850-37349442
175	2	JHU_AG_1018	ATQFLNR	AGAP009323-PA	N-TERM(ACETYL)	41	1	891.47136	3.4	3R:+:31267261-31267281
176	2	JHU_AG_29179	ATSFANFSFER	AGAP005775-PA	N-TERM(ACETYL)	50	2	659.8067	-	2L:+:20498454-20498486
177	2	JHU_AG_112357	ATSSDSVKLEK	AGAP002243-PA	N-TERM(ACETYL)	44	2	603.8158	2.52	2R:+:18069859-18069859,18070431-18070462
178	2	JHU_AG_111270	ATTWIPTSVHGPYPPHMVPGGVDSDGAQIFVGR	AGAP006102-PA	N-TERM(ACETYL), M17(OXIDATION)	194	1	3504.71372	3.73	2L:+:26685977-26685977,26686051-26686148
179	2	JHU_AG_25682	ATVTEVGGIK	AGAP000180-PA	N-TERM(ACETYL)	59	1	1016.56476	2.41	X:+:3000249-3000264,3000416-3000429
180	2	JHU_AG_101292	ATVTEVGGIKTGK	AGAP000180-PA	N-TERM(ACETYL)	75	1	1302.72685	0.33	X:+:3000249-3000264,3000416-3000438
181	2	JHU_AG_60697	ATVTVLTVHGR	AGAP000394-PA	N-TERM(ACETYL)	58	2	598.34363	0.49	X:+:7199607-7199639
182	2	JHU_AG_2034	ATVTVLTVHGRR	AGAP000394-PA	N-TERM(ACETYL)	45	1	1351.7833	2.08	X:+:7199607-7199642
183	2	JHU_AG_21695	ATYNNAHWLLSHIR	AGAP008831-PA	N-TERM(ACETYL)	32	1	1737.8895	4.31	3R:-:19123174-19123133
184	2	JHU_AG_41102	AVAVEKQEPVQQLLK	AGAP007476-PA	N-TERM(ACETYL)	103	1	1721.9872	4.38	2L:-:46827474-46827430
185	2	JHU_AG_103391	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-TERM(ACETYL)	86	1	2092.0085	-	2L:-:3415680-3415627
186	2	JHU_AG_3624	AVFQMGSHTHAISMTLYRDNR	AGAP004775-PA	N-TERM(ACETYL)	74	1	2477.1857	1.75	2L:-:3415680-3415618
187	2	JHU_AG_106008	AVNLPPVTPLLKPIQHYLK	AGAP007542-PA	N-TERM(ACETYL)	36	1	2183.3034	3.79	2L:-:47437950-47437894
188	2	JHU_AG_12761	AVNVHFTGQTTENLSR	AGAP005829-PA	N-TERM(ACETYL)	71	1	1815.9082	5.39	2L:+:22088621-22088668
189	2	JHU_AG_106026	AVNVYSTNVTTDNLSR	AGAP004886-PB,AGAP004886-PA	N-TERM(ACETYL)	64	2	898.44666	2.17	2L:-:4961285-4961238;2L:-:4961285-4961238
190	2	JHU_AG_4065	AYNGLSQHVDFSR	AGAP011099-PA	N-TERM(ACETYL), N3(DEAMIDATED)	81	1	1536.7166	5.73	3L:-:16888794-16888756

191	2	JHU_AG_83529	AYSNKFIYATLPR	AGAP002509-PA	N-TERM(ACETYL)	98	1	1585.84416	4.3	2R:+:22129168-22129180,22130330-22130355
192	2	JHU_AG_105383	DDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	N-TERM(ACETYL)	62	1	1174.59705	1.68	2L:-:44640671-44640636;2L:-:44640671-44640636
193	2	JHU_AG_106814	ENNTSSDIDMSK	AGAP004299-PA	N-TERM(ACETYL), N3(DEAMIDATED), M10(OXIDATION)	35	1	1399.57366	14.75	2R:-:54194212-54194177
194	2	JHU_AG_42593	GDITYPAGCRPINEDLGQDELIRR	AGAP010643-PA	N-TERM(ACETYL), C9(CARBAMIDOMETHYL)	44	1	2800.38059	4.35	3L:+:7929757-7929828
195	2	JHU_AG_1219	GDRADGAEAFDDAVEER	AGAP003228-PA	N-TERM(ACETYL)	60	2	932.90204	1.23	2R:+:34050776-34050794,34050914-34050945
196	2	JHU_AG_15573	GDVAEELFNAMGGPEGGAGAAAESAPGAENPFNPEDFK	AGAP007064-PB	N-TERM(ACETYL), M11(OXIDATION)	77	3	1260.22473	3.82	2L:+:42130688-42130801
197	2	JHU_AG_100345	GDYTLDVDNLIQR	AGAP003114-PA	N-TERM(ACETYL)	79	1	1563.7643	-	2R:+:32512708-32512746
198	2	JHU_AG_21308	GEPEYESVVLVK	AGAP000322-PA	N-TERM(ACETYL)	56	1	1390.7092	-	X:+:5719916-5719951
199	2	JHU_AG_57421	GFANLWYSHPR	AGAP001595-PA	N-TERM(ACETYL), N4(DEAMIDATED)	34	1	1390.67168	12.78	2R:-:6560896-6560864
200	2	JHU_AG_104135	GNRDDEYDYLFK	AGAP004559-PH	N-TERM(ACETYL)	65	2	788.84998	0.76	2R:+:57598145-57598180
201	2	JHU_AG_50196	GNVFANLFK	AGAP012014-PA	N-TERM(ACETYL)	37	1	1051.5571	0.02	3L:+:36310088-36310114
202	2	JHU_AG_89396	GVPAGDVEK	AGAP009537-PA	N-TERM(ACETYL)	46	1	913.46472	2.33	3R:+:35606589-35606615
203	1	JHU_AG_108490	IEFLDAKSSK	AGAP010714-PA	N-TERM(ACETYL)	40	1	1179.6333	6.54	3L:+:8919149-8919178
204	2	JHU_AG_78125	IHVGDNTWNLK	AGAP002054-PA	N-TERM(ACETYL), N6(DEAMIDATED), N9(DEAMIDATED)	34	1	1340.62993	-13.6	2R:-:14675802-14675770
205	2	JHU_AG_103035	ISIELK	AGAP000638-PA	N-TERM(ACETYL)	41	1	744.45892	11.7	X:+:11413682-11413699
206	2	JHU_AG_114965	KITLK	AGAP000733-PA	N-TERM(ACETYL)	29	1	644.43457	0.63	X:+:13412131-13412145
207	2	JHU_AG_103081	KLTIK	AGAP002389-PA	N-TERM(ACETYL)	30	1	644.43604	2.9	2R:+:20881246-20881260
208	1	JHU_AG_58563	LVAAIK	AGAP009966-PA	N-TERM(ACETYL)	35	1	656.43445	0.41	3R:+:46876221-46876238
209	1	JHU_AG_58940	MALLKFHR	AGAP007809-PA	N-TERM(ACETYL)	29	1	1057.6082	10.0	3R:-:1329667-1329644
210	1	JHU_AG_59297	MAPQLLPAASGELIVKNAR	AGAP005844-PA	N-TERM(ACETYL)	27	1	2021.1331	5.85	2L:+:22424325-22424381
211	1	JHU_AG_29264	MDAIK	AGAP001799-PA,AGAP001797-PE,AGAP001799-PB	N-TERM(ACETYL)	41	1	619.31458	4.13	2R:+:10593313-10593327;2R:+:10545856-10545870;2R:+:10593313-10593327

212	1	JHU_AG_14797	MDAIKK	AGAP001799-PA,AGAP001797-PE,AGAP001799-PB	N-TERM(ACETYL)	38	2	374.20667	-1.25	2R:+:10593313-10593330;2R:+:10545856-10545873;2R:+:10593313-10593330
213	1	JHU_AG_56248	MDALDEIVPFLAK	AGAP001442-PA	N-TERM(ACETYL), M1(OXIDATION)	85	2	760.38928	-0.04	2R:+:5057406-5057444
214	1	JHU_AG_28012	MDAVLQPFLSFFK	AGAP006233-PA	N-TERM(ACETYL), M1(OXIDATION)	79	1	1600.80766	-0.25	2L:+:28565991-28566029
215	1	JHU_AG_20655	MDDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	N-TERM(ACETYL), M1(OXIDATION)	51	2	661.31989	1.52	2L:-:44640674-44640636;2L:-:44640674-44640636
216	1	JHU_AG_105959	MDDIDNIILHSLR	AGAP011801-PA	N-TERM(ACETYL), M1(OXIDATION)	71	1	1612.80486	3	3L:+:33335818-33335856
217	1	JHU_AG_28884	MDDLDKAQLELLR	AGAP006179-PC	N-TERM(ACETYL), M1(OXIDATION)	84	1	1617.82353	5.06	2L:-:27807391-27807391,27799584-27799972
218	1	JHU_AG_110709	MDDLTPEQIAILQK	AGAP007339-PA	N-TERM(ACETYL), M1(OXIDATION)	55	2	836.92743	0.77	2L:-:45709781-45709781,45706904-45707037
219	1	JHU_AG_16303	MDEEYDAIVLGTGLK	AGAP010025-PA	N-TERM(ACETYL), M1(OXIDATION)	100	2	856.40839	-0.05	3R:-:47953337-47953293
220	1	JHU_AG_6683	MDEIAQIGFQIIALAK	AGAP011973-PA	N-TERM(ACETYL), M1(OXIDATION)	104	1	1818.97209	2.74	3L:+:35713485-35713532
221	1	JHU_AG_1929	MDFYHLPLSAPCQSIR	AGAP004378-PA	N-TERM(ACETYL), M1(OXIDATION), C12(CARBAMIDOMETHYL)	59	1	1992.93755	3.43	2R:+:55501957-55502004
222	1	JHU_AG_105466	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-TERM(ACETYL), M1(OXIDATION), C12(CARBAMIDOMETHYL)	64	2	817.85645	4.76	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555
223	1	JHU_AG_66591	MDGESEKQPLLK	AGAP006243-PA	N-TERM(ACETYL), M1(OXIDATION)	46	2	716.85309	0	2L:-:28593738-28593703
224	2	JHU_AG_62063	MDHGVVDEEAPIDPR	AGAP009736-PA	N-TERM(ACETYL), M1(OXIDATION)	78	1	1737.77666	0.99	3R:+:42036465-42036509
225	1	JHU_AG_34131	MDIDEEEFEAPTSSSSR	AGAP005202-PB	N-TERM(ACETYL), M1(OXIDATION)	87	1	1987.81133	1.96	2L:+:12198919-12198969
226	1	JHU_AG_108010	MDIMASNLQQQR	AGAP010589-PA	N-TERM(ACETYL), M1(OXIDATION)	46	2	746.84918	1.83	3L:+:6555874-6555909

227	1	JHU_AG_27776	MDIRPNHTIYINNLNEK	AGAP011637-PA	N-TERM(ACETYL), M1(OXIDATION)	76	1	2143.05997	-0.08	3L:-:30460998-30460948
228	1	JHU_AG_103882	MDKEVAVLQR	AGAP012235-PA	N-TERM(ACETYL), M1(OXIDATION)	67	1	1246.64812	1.64	3L:+:39176832-39176861
229	1	JHU_AG_72426	MDKTFVLAR	AGAP003412-PA	N-TERM(ACETYL), M1(OXIDATION)	58	1	1138.59416	1.4	2R:-:37462730-37462704
230	1	JHU_AG_36800	MDLELKK	AGAP010212-PA	N-TERM(ACETYL), M1(OXIDATION)	37	2	467.74884	-1.12	3R:+:50839391-50839411
231	1	JHU_AG_22881	MDLEQIHQEAR	AGAP009058-PA	N-TERM(ACETYL), M1(OXIDATION)	66	2	714.33411	1.76	3R:-:24955602-24955570
232	1	JHU_AG_42328	MDLYYHIR	AGAP004380-PA	N-TERM(ACETYL)	51	2	576.78064	2.89	2R:-:55505297-55505274
233	1	JHU_AG_108589	MDNNIEGEEVEFRK	AGAP008406-PA	N-TERM(ACETYL), M1(OXIDATION)	64	2	884.39606	-0.38	3R:+:10364104-10364145
234	1	JHU_AG_11929	MDNPLFGTAHMLYEVDKK	AGAP001686-PA	N-TERM(ACETYL), M1(OXIDATION), M11(OXIDATION)	56	1	2183.02182	3.19	2R:+:8447654-8447702,8447803-8447807
235	1	JHU_AG_48816	MDNSPPPPSALNNFR	AGAP005520-PA	N-TERM(ACETYL), M1(OXIDATION)	80	2	857.89667	0.37	2L:-:16591582-16591538
236	1	JHU_AG_66104	MDNTGDRIEK	AGAP009645-PA	N-TERM(ACETYL), M1(OXIDATION)	47	1	1236.55547	2.35	3R:-:37514030-37514001
237	1	JHU_AG_111483	MDPDRILATFK	AGAP010875-PA	N-TERM(ACETYL), M1(OXIDATION)	40	1	1364.68901	0.78	3L:-:12360062-12360030
238	1	JHU_AG_116964	MDPEAFLDIANQVIK	AGAP000393-PB	N-TERM(ACETYL)	60	2	873.44495	2.67	X:+:7194615-7194659
239	1	JHU_AG_42843	MDPQTIGLVESDIAESVK	AGAP007946-PA,AGAP007946-PB	N-TERM(ACETYL), M1(OXIDATION)	132	1	1989.97307	2.24	3R:-:3255036-3254983;3R:-:3255036-3254983
240	1	JHU_AG_111536	MDPSILATMDRDALK	AGAP009953-PA	N-TERM(ACETYL), M1(OXIDATION), M9(OXIDATION)	42	2	875.92383	3.01	3R:+:46190690-46190734
241	1	JHU_AG_110339	MDQAMDINAFEGR	AGAP005535-PA	N-TERM(ACETYL), M1(OXIDATION), M5(OXIDATION)	48	2	786.32721	0.37	2L:-:16694450-16694412
242	1	JHU_AG_16589	MDQATIEEKYPFITR	AGAP003766-PA	N-TERM(ACETYL), M1(OXIDATION)	93	1	1899.91338	-1.26	2R:-:43116102-43116058
243	1	JHU_AG_2459	MDSDPEVVLVEK	AGAP005376-PA	N-TERM(ACETYL), M1(OXIDATION)	74	2	709.84009	0.62	2L:-:14727896-14727861
244	1	JHU_AG_36410	MDSVLKPIQR	AGAP001871-PA	N-TERM(ACETYL)	59	1	1228.6771	4.3	2R:-:11734405-11734376
245	1	JHU_AG_68029	MDTIESQLAVR	AGAP005014-PA	N-TERM(ACETYL)	47	2	652.83008	1.02	2L:+:8297098-8297130
246	1	JHU_AG_10082	MDTNGTLEHDGETEQTQK	AGAP009255-PA	N-TERM(ACETYL), M1(OXIDATION)	49	1	2091.87969	1.18	3R:+:29967812-29967865

247	1	JHU_AG_24393	MDTSLTASQIR	AGAP009701-PA	N-TERM(ACETYL), M1(OXIDATION)	38	2	640.81201	1.25	3R:+:39161779-39161811
248	1	JHU_AG_5977	MDTVKISELLR	AGAP007299-PA	N-TERM(ACETYL)	65	2	673.87378	4.01	2L:-:45095641-45095609
249	1	JHU_AG_45915	MDVADAHVGQLR	AGAP010219-PA	N-TERM(ACETYL)	62	1	1353.6621	3.04	3R:+:50911889-50911924
250	1	JHU_AG_13670	MDVGELLSFKPEQTPK	AGAP001357-PA	N-TERM(ACETYL), M1(OXIDATION)	87	1	1876.94353	3.91	2R:+:3501596-3501625,3501696-3501713
251	1	JHU_AG_7694	MDVSLENLSSSQK	AGAP002277-PA	N-TERM(ACETYL), M1(OXIDATION)	106	1	1495.69609	1.04	2R:+:18513486-18513524
252	1	JHU_AG_3014	MDVSQLEHLMR	AGAP001490-PA	N-TERM(ACETYL), M1(OXIDATION), M10(OXIDATION)	41	1	1432.67168	10.95	2R:+:5557024-5557056
253	1	JHU_AG_90287	MDYYYSLISPPCQSAILVAK	AGAP004382-PA	N-TERM(ACETYL), M1(OXIDATION), C12(CARBAMIDOMETHYL)	45	1	2377.14658	0.45	2R:-:55510067-55510008
254	1	JHU_AG_5620	MEAAGQESTPASYPR	AGAP000235-PC	N-TERM(ACETYL), M1(OXIDATION)	103	1	1652.72344	0.78	X:+:4425246-4425290
255	1	JHU_AG_57016	MEAGKYNFAIDR	AGAP001606-PA	N-TERM(ACETYL)	56	1	1456.6997	7.39	2R:+:6683334-6683369
256	1	JHU_AG_6891	MEALIPVVNK	AGAP008896-PA	N-TERM(ACETYL), M1(OXIDATION)	55	2	586.32336	0.22	3R:-:20507435-20507406
257	1	JHU_AG_66531	MEALIPVVNKLQDVFNTVGSDAIQLPQIVVLGSQSSGK	AGAP008896-PA	N-TERM(ACETYL), M1(OXIDATION)	124	1	4053.17666	4.64	3R:-:20507435-20507435,20505490-20506999
258	1	JHU_AG_76752	MECPINPAELQK	AGAP009119-PA	N-TERM(ACETYL), M1(OXIDATION), C3(CARBAMIDOMETHYL)	55	2	744.34827	1.55	3R:+:26179708-26179743
259	1	JHU_AG_4558	MEDDDVADFFDFSKPFKR	AGAP002829-PA	N-TERM(ACETYL), M1(OXIDATION)	71	1	2267.00022	1.75	2R:+:28069421-28069474
260	1	JHU_AG_70357	MEDDWEALAEQK	AGAP006613-PB	N-TERM(ACETYL), M1(OXIDATION)	58	2	761.82263	0.84	2L:+:34735064-34735079,34735333-34735352
261	1	JHU_AG_51919	MEDGHSKTVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	N-TERM(ACETYL), M1(OXIDATION)	55	1	2044.9484	4.41	2L:+:27903046-27903096;2L:+:27903046-27903096;2L:+:27903046-27903096
262	1	JHU_AG_11610	MEDGKEEHQFVVDDVSK	AGAP001229-PA	N-TERM(ACETYL), M1(OXIDATION)	83	1	2049.90818	0.53	2R:+:1653461-1653481,1654550-1654579

263	1	JHU_AG_41219	MEDIFHWCR	AGAP006573-PA	N-TERM(ACETYL), M1(OXIDATION), C8(CARBAMIDOMETHYL)	36	2	676.28412	3.77	2L:-:34206329-34206303
264	1	JHU_AG_6205	MEDYKNAK	AGAP004247-PA,AGAP004247-PB	N-TERM(ACETYL)	40	2	520.74017	1.25	2R:+:53207782-53207805;2R:+:53207782-53207805
265	1	JHU_AG_16513	MEEEKNFYAVLGVAR	AGAP006577-PA	N-TERM(ACETYL), M1(OXIDATION)	70	1	1813.88225	1.79	2L:-:34227782-34227738
266	1	JHU_AG_88861	MEEYHDLSGDGGVQK	AGAP009347-PB,AGAP009347-PA	N-TERM(ACETYL), M1(OXIDATION)	78	1	1722.73174	2.38	3R:-:31576882-31576838;3R:-:31576882-31576838
267	1	JHU_AG_29391	MEEYHDLSGDGGVQKR	AGAP009347-PB,AGAP009347-PA	N-TERM(ACETYL), M1(OXIDATION)	59	1	1878.82907	0.17	3R:-:31576882-31576835;3R:-:31576882-31576835
268	1	JHU_AG_30182	MEFDSGSAELNQR	AGAP008305-PA	N-TERM(ACETYL), M1(OXIDATION)	32	2	771.33118	0.87	3R:-:8808564-8808526
269	1	JHU_AG_32244	MEGEAAVTNPVDRK	AGAP006783-PA	N-TERM(ACETYL), M1(OXIDATION)	77	1	1574.74455	-2.18	2L:+:38186056-38186097
270	1	JHU_AG_55891	MEHLVSLGLNEQK	AGAP010267-PA	N-TERM(ACETYL), M1(OXIDATION)	91	1	1555.78496	4.13	3R:-:51881222-51881184
271	1	JHU_AG_18226	MEILTQSQVHGLTTPTTAAR	AGAP000723-PA	N-TERM(ACETYL), M1(OXIDATION)	113	1	2213.12676	1.63	X:+:13142832-13142891
272	1	JHU_AG_27820	MEINENNFER	AGAP010711-PA	N-TERM(ACETYL), M1(OXIDATION)	55	2	677.29254	2.8	3L:-:8904939-8904910
273	1	JHU_AG_82618	MEKPKVNDTASAIPVGSPSAK	AGAP003238-PC,AGAP003238-PD	N-TERM(ACETYL), M1(OXIDATION)	61	1	2185.11966	1.2	2R:-:34347539-34347477;2R:-:34347539-34347477
274	1	JHU_AG_72551	MENAFAPISEACVK	AGAP000770-PA	N-TERM(ACETYL), M1(OXIDATION), C12(CARBAMIDOMETHYL)	40	2	812.87421	4	X:-:13859316-13859275
275	1	JHU_AG_100995	MENDAGEFVDLYCPR	AGAP009431-PA	N-TERM(ACETYL), M1(OXIDATION), C13(CARBAMIDOMETHYL)	109	1	1873.77336	0.08	3R:+:33472620-33472664
276	1	JHU_AG_13401	MENDAGEFVDLYCPRK	AGAP009431-PA	N-TERM(ACETYL), C13(CARBAMIDOMETHYL)	128	1	1985.87944	3.11	3R:+:33472620-33472667

277	1	JHU_AG_45041	MENLTLSELYTSEK	AGAP002969-PA	N-TERM(ACETYL), M1(OXIDATION)	42	2	858.40576	-0.13	2R:-:30259987-30259987,30258878-30259723
278	1	JHU_AG_102983	MENLTLSELYTSEKR	AGAP002969-PA	N-TERM(ACETYL)	71	1	1855.91203	0.73	2R:-:30259987-30259987,30258878-30259720
279	1	JHU_AG_69701	MENTSYGINVANR	AGAP013112-PA	N-TERM(ACETYL), M1(OXIDATION)	106	1	1526.68901	-0.94	2R:-:4073825-4073787
280	1	JHU_AG_115735	MEPELLEILCK	AGAP004535-PA	N-TERM(ACETYL), C10(CARBAMIDOMETHYL)	50	2	708.86023	1.27	2R:+:57459070-57459072,57459139-57459168
281	1	JHU_AG_27637	MEQFTPKEVR	AGAP006686-PA	N-TERM(ACETYL), M1(OXIDATION)	48	1	1322.64433	2.54	2L:+:36690201-36690230
282	1	JHU_AG_17550	MESEADLFESANQKR	AGAP007676-PA	N-TERM(ACETYL), M1(OXIDATION), Q13(DEAMIDATED)	87	2	907.39801	-1.23	2L:+:48943999-48944043
283	1	JHU_AG_51620	MESIVDVK	AGAP004870-PA	N-TERM(ACETYL), M1(OXIDATION)	52	2	489.74329	-2.03	2L:+:4692754-4692777
284	1	JHU_AG_58512	MESIVDVKFPVTSLVPK	AGAP004870-PA	N-TERM(ACETYL), M1(OXIDATION)	47	1	1947.04973	-0.57	2L:+:4692754-4692804
285	1	JHU_AG_46156	MESLAQFNCNVPLVLFVNGK	AGAP013758-PA	N-TERM(ACETYL), M1(OXIDATION), C9(CARBAMIDOMETHYL)	59	1	2338.15757	0.19	3R:+:2792972-2793031
286	1	JHU_AG_105635	MESLDTAK	AGAP006729-PA	N-TERM(ACETYL)	67	1	936.43604	1.82	2L:-:37299759-37299736
287	1	JHU_AG_10057	MESLIPIVNK	AGAP003018-PA,AGAP003018-PB	N-TERM(ACETYL), M1(OXIDATION)	65	2	601.32855	0.06	2R:-:31198614-31198585;2R:-:31198614-31198585
288	1	JHU_AG_59060	MESTVALYK	AGAP002606-PA	N-TERM(ACETYL), M1(OXIDATION)	53	2	550.26996	-1.27	2R:-:23836455-23836429
289	1	JHU_AG_30921	METLSNFGQVALK	AGAP003424-PA	N-TERM(ACETYL), M1(OXIDATION)	49	2	748.3797	3.97	2R:-:37529822-37529784
290	1	JHU_AG_40728	MEVASPNNDHLSK	AGAP005102-PA	N-TERM(ACETYL), M1(OXIDATION)	63	2	750.34399	0.77	2L:-:10127661-10127623
291	1	JHU_AG_114144	MEVDIPTSPIKK	AGAP004739-PA	N-TERM(ACETYL), M1(OXIDATION)	74	1	1415.74639	0.89	2L:+:2976219-2976228,2976320-2976345
292	1	JHU_AG_100866	MEVDQESGVLHSILSPEELGAIPEASIK	AGAP001754-PA	N-TERM(ACETYL), M1(OXIDATION)	101	1	3036.51615	2.57	2R:+:9447208-9447291

293	1	JHU_AG_96861	MEVIFSINAKPYQINSTSVPVDTSLNTFIR	AGAP006225-PA	N-TERM(ACETYL), M1(OXIDATION)	112	1	3442.75698	0.16	2L:+:28535006-28535045,28535222-28535271
294	1	JHU_AG_4394	MEVIFSINAKPYQINSTSVPVDTSLNTFIRNHAHLSGTK	AGAP006225-PA	N-TERM(ACETYL), M1(OXIDATION)	133	1	4388.26673	7.34	2L:+:28535006-28535045,28535222-28535298
295	1	JHU_AG_53049	MFDVFGSVK	AGAP001488-PA	N-TERM(ACETYL), M1(OXIDATION)	63	2	544.26025	0.28	2R:-:5554731-5554705
296	1	JHU_AG_48678	MFNFSSAGTSGEKEPLLSGK	AGAP007732-PA	N-TERM(ACETYL)	106	1	2129.0283	2.96	3R:+:24236-24295
297	1	JHU_AG_105699	MFSGITASLK	AGAP010640-PA	N-TERM(ACETYL)	72	2	548.79041	2.52	3L:-:7902665-7902665,7898887-7899118
298	1	JHU_AG_1245	MFSGITASLKNLGSK	AGAP010640-PA	N-TERM(ACETYL)	113	1	1595.8543	5.05	3L:-:7902665-7902665,7898887-7899103
299	1	JHU_AG_110447	MFSWLKR	AGAP004593-PA	N-TERM(ACETYL)	42	2	505.26859	1.05	2R:+:58144216-58144236
300	1	JHU_AG_59086	MFWGLILKPGK	AGAP007473-PA	N-TERM(ACETYL)	41	1	1331.75371	-0.6	2L:-:46749737-46749737,46748309-46749395
301	1	JHU_AG_41321	MGIKASTANGGQQSPR	AGAP000354-PB	M1(OXIDATION), N-TERM(ACETYL), N9(DEAMIDATED), Q12(DEAMIDATED)	31	2	831.88208	-11.05	X:+:6313659-6313706
302	1	JHU_AG_113005	MHALDPETAR	AGAP006963-PA	N-TERM(ACETYL), M1(OXIDATION)	37	1	1198.55412	1.64	2L:-:40278838-40278809
303	1	JHU_AG_98300	MHGGGVDTDK	AGAP000834-PB,AGAP000834-PA	N-TERM(ACETYL), M1(OXIDATION)	40	2	537.72931	-0.72	X:+:15421209-15421238;X:+:15421209-15421238
304	1	JHU_AG_89751	MHGGGVDTDKNGGDTASLR	AGAP000834-PB	N-TERM(ACETYL), M1(OXIDATION), N11(DEAMIDATED)	56	1	1946.86557	7.5	X:+:15421209-15421238,15421311-15421337
305	1	JHU_AG_31506	MHGGGVDTDKQNGGDTASLR	AGAP000834-PA	N-TERM(ACETYL), N12(DEAMIDATED)	108	1	2058.91678	1.04	X:+:15421209-15421238,15421308-15421337
306	1	JHU_AG_76995	MHPSTSSTSSATTAAAAAPGTK	AGAP008468-PA	N-TERM(ACETYL), M1(OXIDATION)	68	2	1045.99231	5.43	3R:+:10918682-10918747
307	1	JHU_AG_35349	MIDAEMVIPDKDESDTR	AGAP003008-PA	N-TERM(ACETYL), M1(OXIDATION), M6(OXIDATION)	63	1	2038.89519	0.34	2R:+:31012044-31012076,31040825-31040842
308	1	JHU_AG_14221	MIHVGDNTWNLK	AGAP002054-PA	N-TERM(ACETYL), M1(OXIDATION)	44	2	743.36121	-0.27	2R:-:14675805-14675770

309	1	JHU_AG_50563	MIHVGDNTWNLKVYITDLQVQK	AGAP002054-PA	N-TERM(ACETYL), M1(OXIDATION)	91	1	2673.38614	5.81	2R:-:14675805-14675740
310	1	JHU_AG_116230	MILQQILR	AGAP013408-PA	N-TERM(ACETYL), Q5(DEAMIDATED)	32	2	529.31213	8.99	2R:-:44375296-44375273
311	1	JHU_AG_50239	MINTGKLAGR	AGAP012513-PA	N-TERM(ACETYL), M1(OXIDATION)	38	2	559.80365	1.16	UNKN:+:9867751-9867764,9868228-9868243
312	1	JHU_AG_26612	MKLLNNLLLK	AGAP004710-PA	N-TERM(ACETYL), N5(DEAMIDATED)	33	3	414.92526	9.79	2L:-:2483553-2483524
313	1	JHU_AG_54153	MLALLNR	AGAP004227-PA	N-TERM(ACETYL)	42	2	436.75488	0.23	2R:+:52190538-52190558
314	1	JHU_AG_95155	MLDSQLVWAR	AGAP000776-PA	N-TERM(ACETYL)	45	2	630.82404	0.17	X:-:13927924-13927895
315	1	JHU_AG_51941	MLKNAVALVTGGASGLGR	AGAP003414-PA	N-TERM(ACETYL), M1(OXIDATION)	90	2	886.99329	5.9	2R:-:37465423-37465370
316	1	JHU_AG_71983	MLKPILHQIK	AGAP008707-PA	N-TERM(ACETYL), M1(OXIDATION)	40	1	1278.75932	-0.76	3R:+:15820725-15820754
317	1	JHU_AG_41538	MLNIPNEKVR	AGAP001257-PB	N-TERM(ACETYL), M1(OXIDATION)	34	1	1271.67754	-0.13	2R:-:2065073-2065073,2060744-2061364
318	1	JHU_AG_20666	MLNSLFVNHQDQK	AGAP001735-PA	N-TERM(ACETYL), M1(OXIDATION)	72	1	1631.78508	0.25	2R:-:9097790-9097752
319	1	JHU_AG_18942	MLNTFSVLSPHLK	AGAP001477-PA	N-TERM(ACETYL)	111	2	764.91241	-	2R:-:5388221-5388183
320	1	JHU_AG_8321	MLPLSLLK	AGAP009687-PA	N-TERM(ACETYL), M1(OXIDATION)	41	1	972.58049	0.64	3R:+:38670340-38670342,38670426-38670446
321	1	JHU_AG_111044	MLPSPLNEEFFQK	AGAP001341-PA	N-TERM(ACETYL), M1(OXIDATION)	62	2	819.396	-2.04	2R:+:3325448-3325457,3328195-3328223
322	1	JHU_AG_87529	MLSHLLK	AGAP012038-PA	N-TERM(ACETYL), M1(OXIDATION)	48	1	899.50408	2.37	3L:-:36815716-36815696
323	1	JHU_AG_101790	MLTNLAK	AGAP008955-PA	N-TERM(ACETYL), M1(OXIDATION)	41	2	424.73148	1.19	3R:-:21801746-21801726
324	1	JHU_AG_41095	MMNEETSSPASSNVVALFFK	AGAP011996-PA	N-TERM(ACETYL), M1(OXIDATION), M2(OXIDATION)	62	3	755.01379	0.44	3L:+:36027993-36028052
325	1	JHU_AG_26017	MMSLPGTFACDEYGRPFIVLRDQENQK	AGAP008249-PA,AGAP012475-PA	N-TERM(ACETYL), M1(OXIDATION), M2(OXIDATION), C10(CARBAMIDOMETHYL)	42	1	3276.51963	2.21	3R:+:7875886-7875966;UNKN:-:5402864-5402784
326	1	JHU_AG_40016	MMSTNTCFK	AGAP008075-PB	N-TERM(ACETYL), C7(CARBAMIDOMETHYL)	51	1	1161.47314	-0.54	3R:-:5099077-5099051

327	1	JHU_AG_19927	MMSTNTCFKCDRPGHYAR	AGAP008075-PB	N-TERM(ACETYL), M1(OXIDATION), M2(OXIDATION), C7(CARBAMIDOMETHYL), C10(CARBAMIDOMETHYL)	86	1	2305.95829	0.54	3R:-:5099077-5099024
328	1	JHU_AG_59371	MNAFGDNFEQQSEVDPAAEFLAR	AGAP010608-PA	N-TERM(ACETYL), M1(OXIDATION)	174	1	2644.16489	1.03	3L:-:7151785-7151717
329	1	JHU_AG_40063	MNEIEALR	AGAP005913-PA	N-TERM(ACETYL), M1(OXIDATION)	46	2	517.25281	0.01	2L:-:23639205-23639182
330	1	JHU_AG_105784	MNEIEALRQEAETLK	AGAP005913-PA	N-TERM(ACETYL), M1(OXIDATION)	40	1	1832.90361	-1.28	2L:-:23639205-23639161
331	1	JHU_AG_42479	MNELEALR	AGAP005911-PA,AGAP005912-PA	N-TERM(ACETYL), M1(OXIDATION)	46	2	517.25281	0.01	2L:-:23617978-23617955;2L:-:23632537-23632514
332	1	JHU_AG_112015	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-TERM(ACETYL)	76	1	1816.91997	4.92	2L:-:23617978-23617934;2L:-:23632537-23632493
333	1	JHU_AG_33156	MNFVQENNHVLYLWAGTVGPEIEQEVNAIK	AGAP008883-PA	N-TERM(ACETYL), M1(OXIDATION)	76	1	3500.71506	-0.16	3R:-:20279401-20279312
334	1	JHU_AG_110137	MNIPNQYIEK	AGAP001069-PA	N-TERM(ACETYL), M1(OXIDATION)	49	2	654.31952	1.3	X:-:22488001-22487972
335	1	JHU_AG_111253	MNIPNQYIEKTEEVADQVIR	AGAP001069-PA	N-TERM(ACETYL), M1(OXIDATION)	69	2	1224.60339	-3.31	X:-:22488001-22488001,22455323-22456076
336	1	JHU_AG_9342	MNKTELSK	AGAP006181-PA	N-TERM(ACETYL)	46	1	992.50926	1.12	2L:+:27817445-27817468
337	1	JHU_AG_16748	MNLHEPVDPNKPFDELTPEEK	AGAP008041-PA	N-TERM(ACETYL), M1(OXIDATION)	62	1	2537.18717	0.24	3R:+:4800980-4801012,4801090-4801119
338	1	JHU_AG_87053	MNMHELYEIIEK	AGAP006894-PA	N-TERM(ACETYL), M1(OXIDATION), M3(OXIDATION)	70	1	1623.74309	2.29	2L:-:39557765-39557730
339	1	JHU_AG_91222	MNNLSGDKPQQTPVPQPRPR	AGAP000126-PA	N-TERM(ACETYL), M1(OXIDATION)	34	1	2318.18094	5.97	X:+:2031552-2031611
340	1	JHU_AG_58374	MNPAELNQYQPVATFEK	AGAP003493-PC	N-TERM(ACETYL), M1(OXIDATION)	115	1	2037.96062	0.94	2R:+:38653986-38654036
341	1	JHU_AG_10029	MNSIVNLFSNFK	AGAP007636-PA	N-TERM(ACETYL), M1(OXIDATION)	80	2	736.36615	-0.01	2L:+:48530070-48530105
342	1	JHU_AG_93255	MNSSHLFQPNR	AGAP004557-PA	N-TERM(ACETYL), M1(OXIDATION)	37	1	1388.64568	5.81	2R:-:57592098-57592066

343	1	JHU_AG_65171	MNTADDGHDEIVSFLLVDKLSR	AGAP000480-PA	N-TERM(ACETYL), M1(OXIDATION)	59	1	2533.23117	2.82	X:-:8429151-8429086
344	1	JHU_AG_108923	MNVEEEVFR	AGAP009035-PA	N-TERM(ACETYL), M1(OXIDATION)	59	2	605.77441	0.51	3R:+:24399272-24399298
345	1	JHU_AG_32336	MQDNRPELYEEVK	AGAP005344-PA	N-TERM(ACETYL), M1(OXIDATION)	52	1	1708.78337	-0.81	2L:+:14295886-14295924
346	1	JHU_AG_43819	MQDNRPELYEEVKLYR	AGAP005344-PA	N-TERM(ACETYL), M1(OXIDATION)	75	1	2141.03812	2.27	2L:+:14295886-14295933
347	1	JHU_AG_32486	MQFQGTAQPHQGGFR	AGAP012045-PA	N-TERM(ACETYL), M1(OXIDATION)	50	2	874.40637	4.85	3L:-:36851829-36851785
348	1	JHU_AG_36419	MQGLTMASLK	AGAP003325-PA	N-TERM(ACETYL), M1(OXIDATION), M6(OXIDATION)	40	2	577.284	1.29	2R:+:35980660-35980689
349	1	JHU_AG_111084	MQGLTMASLKK	AGAP003325-PA	N-TERM(ACETYL), M1(OXIDATION)	57	1	1265.66142	1.69	2R:+:35980660-35980692
350	1	JHU_AG_67080	MQGPAVFIDAEIDDQAQELR	AGAP012281-PA	N-TERM(ACETYL), M1(OXIDATION)	103	2	1152.54602	1.47	3L:+:39764272-39764316,39764434-39764448
351	1	JHU_AG_111963	MQLLSGLVK	AGAP004484-PA	N-TERM(ACETYL)	77	2	515.80457	5.11	2R:+:56831152-56831178
352	1	JHU_AG_36948	MQPQIILLK	AGAP002762-PA	N-TERM(ACETYL), M1(OXIDATION)	47	2	571.3371	1.68	2R:+:26790470-26790472,26790877-26790900
353	1	JHU_AG_40499	MQSHYNPTEQTWYGESLPSVLNPAAGIGR	AGAP009159-PA	N-TERM(ACETYL), M1(OXIDATION)	65	2	1631.27625	5.56	3R:-:27779492-27779406
354	1	JHU_AG_56975	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	N-TERM(ACETYL), Q8(DEAMIDATED), C12(CARBAMIDOMETHYL)	69	1	2153.07016	5.13	3L:-:13326418-13326362
355	1	JHU_AG_101492	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	N-TERM(ACETYL), Q8(DEAMIDATED), C12(CARBAMIDOMETHYL)	49	1	2153.08335	11.25	3L:+:5261100-5261156
356	1	JHU_AG_33331	MREIVHLQTGQCGNQIGAK	AGAP008622-PA	N-TERM(ACETYL), Q8(DEAMIDATED), C12(CARBAMIDOMETHYL)	51	1	2183.07419	2.06	3R:-:13726460-13726404
357	1	JHU_AG_69301	MRSLVHFILSLALMR	AGAP009107-PA	N-TERM(ACETYL)	27	1	1829.0271	-	3R:+:25652312-25652356
358	1	JHU_AG_106220	MSARGVLLK	AGAP000577-PD	N-TERM(ACETYL), M1(OXIDATION)	31	1	1032.578	-8.8	X:-:10156281-10156255

359	1	JHU_AG_21230	MSAVDNVEEEQVTKSATSSSK	AGAP004335-PB	N-TERM(ACETYL), N6(DEAMIDATED)	30	1	2270.02617	-3.51	2R:+:54800246-54800251,54800464-54800520
360	1	JHU_AG_18781	MSHREILQSIR	AGAP005814-PA	N-TERM(ACETYL), Q8(DEAMIDATED)	48	1	1412.74919	12.51	2L:+:21634412-21634444
361	1	JHU_AG_40410	MSIAVHWAK	AGAP005820-PA	N-TERM(ACETYL), M1(OXIDATION)	33	1	1100.55193	-3.5	2L:-:21836506-21836480
362	1	JHU_AG_25333	MSLLPVLSR	AGAP000110-PA	N-TERM(ACETYL)	40	2	529.3064	-1.86	X:+:1793974-1793999,1794074-1794074
363	1	JHU_AG_11327	MSPEYDYLFK	AGAP004146-PA	N-TERM(ACETYL), M1(OXIDATION)	72	2	675.80035	0.86	2R:-:50739791-50739791,50738112-50738169
364	1	JHU_AG_33735	MTDEYFYGATLK	AGAP004395-PA	N-TERM(ACETYL), M1(OXIDATION)	50	2	748.83582	1.96	2R:+:55594004-55594025,55595298-55595311
365	1	JHU_AG_26069	MTDEYFYGATLKEGSK	AGAP004395-PA	N-TERM(ACETYL), M1(OXIDATION)	64	1	1897.86431	6.22	2R:+:55594004-55594025,55595298-55595323
366	1	JHU_AG_31355	MTGAIDLLLSVR	AGAP001257-PA	N-TERM(ACETYL), M1(OXIDATION)	63	1	1346.73699	1.56	2R:-:2063951-2063951,2060744-2061364
367	1	JHU_AG_102008	MVINFGAGPAK	AGAP004598-PA	N-TERM(ACETYL)	83	2	573.80371	2.16	2R:-:58259494-58259462
368	1	JHU_AG_5902	MVINFGAGPAKLPR	AGAP004598-PA	N-TERM(ACETYL), M1(OXIDATION)	82	1	1528.83452	2.6	2R:-:58259494-58259453
369	1	JHU_AG_97653	MVKFTSNR	AGAP004184-PA	N-TERM(ACETYL), M1(OXIDATION), N7(DEAMIDATED)	40	1	1041.50005	-3.23	2R:-:51449296-51449296,51446477-51447476
370	1	JHU_AG_93162	MVPIGGPVGHGGHPIHIPTPIQTAPPPSQSQHAPSSQNR	AGAP002019-PA	N-TERM(ACETYL), M1(OXIDATION)	93	1	4040.02485	-1.51	2R:-:14011699-14011583
371	1	JHU_AG_104242	MYAPQQPILILSK	AGAP002759-PA	N-TERM(ACETYL), M1(OXIDATION)	34	2	780.43164	3.69	2R:-:26781437-26781437,26781279-26781336
372	1	JHU_AG_90665	MYSLLHK	AGAP007626-PA	N-TERM(ACETYL), M1(OXIDATION)	37	1	949.48149	0.32	2L:+:48385970-48385972,48386040-48386057
373	1	JHU_AG_75253	MYTLLSGFYK	AGAP004586-PB	N-TERM(ACETYL), M1(OXIDATION)	48	2	640.81537	0.23	2R:-:58117235-58117206
374	2	JHU_AG_28533	NILPK	AGAP004984-PA	N-TERM(ACETYL)	23	1	626.38745	0.37	2L:+:7538870-7538884
375	2	JHU_AG_57046	NLLPK	AGAP008472-PA	N-TERM(ACETYL)	23	1	626.38745	0.37	3R:+:10986714-10986728
376	2	JHU_AG_51925	PELTEITESAAAASSGTTEAK	AGAP006766-PA	N-TERM(ACETYL)	154	1	2106.0107	1.06	2L:+:38038849-38038911

377	2	JHU_AG_13771	PEYQYLSGFGSHFSSEDAR	AGAP009609-PA	N-TERM(ACETYL)	49	1	2218.96909	0.64	3R:-:36998769-36998772,36997876-36998291
378	2	JHU_AG_112734	PFKPADNPK	AGAP012305-PA	N-TERM(ACETYL)	38	1	1055.5549	2.71	3L:+:39977332-39977358
379	2	JHU_AG_79591	PGLSDPVAFIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	N-TERM(ACETYL)	36	2	593.33026	1.5	2R:-:20599175-20599143;2R:-:20599175-20599143;2R:-:20599175-20599143
380	2	JHU_AG_77323	PGYMFNIDGGYLEGLCR	AGAP000721-PA	N-TERM(ACETYL), N6(DEAMIDATED), C16(CARBAMIDOMETHYL)	46	2	1002.95306	7.86	X:+:13134123-13134173
381	2	JHU_AG_105413	PKPPVQVGEDPDPTEFLFVSLEQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-TERM(ACETYL)	105	1	2738.43106	14.09	3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;

385	2	JHU_AG_115067	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-TERM(ACETYL)	118	1	1926.0813	0.26	2L:-:18541916-18541857
386	2	JHU_AG_19785	SADQSANVELIKK	AGAP005723-PA	N-TERM(ACETYL)	100	1	1444.7647	0.3	2L:+:19627113-19627151
387	2	JHU_AG_18269	SAGPYNYSYIFK	AGAP008419-PA	N-TERM(ACETYL)	74	2	726.34918	4.76	3R:-:10564730-10564695
388	2	JHU_AG_67852	SAINLLR	AGAP001047-PA	N-TERM(ACETYL)	40	1	828.49335	-	X:+:20424456-20424476
389	2	JHU_AG_38772	SAINLLREVLK	AGAP001047-PA	N-TERM(ACETYL)	68	1	1297.7909	5.44	X:+:20424456-20424488
390	2	JHU_AG_75380	SALALDEVPGFSLHK	AGAP007511-PA	N-TERM(ACETYL)	50	2	813.43384	4.29	2L:+:47002734-47002778
391	2	JHU_AG_109947	SALPAYSPPTPFLAHMPAGLGIYR	AGAP012529-PA	N-TERM(ACETYL), M16(OXIDATION)	69	1	2585.3184 1	- 1.47	UNKN:-:11588643-11588646,11588465-11588500
392	2	JHU_AG_104613	SALPAYSPPTPFLAHMPAGLGIYRK	AGAP012529-PA	N-TERM(ACETYL), M16(OXIDATION)	44	1	2713.4168 4	- 0.12	UNKN:-:11588643-11588646,11588465-11588497
393	2	JHU_AG_39826	SAMEKHLFNLK	AGAP006518-PA	N-TERM(ACETYL), M3(OXIDATION)	44	1	1375.7096 4	4.17	2L:+:33776462-33776474,33776622-33776641
394	2	JHU_AG_49822	SANCEITITGPQEAQTK	AGAP008227-PA	N-TERM(ACETYL), C4(CARBAMIDOMETHYL)	56	2	945.45184	2.86	3R:-:7172524-7172474
395	2	JHU_AG_77744	SANSILLDFSLDPAR	AGAP005325-PA	N-TERM(ACETYL)	37	2	830.93146	0.89	2L:+:14101858-14101902
396	2	JHU_AG_22132	SAPDGLAPGAAAGGEPGADGIVGGPR	AGAP005507-PB	N-TERM(ACETYL)	37	1	2259.0975	-	2L:+:16374294-16374371
397	2	JHU_AG_45006	SAPELAWQVVR	AGAP004221-PA	N-TERM(ACETYL)	81	1	1297.6932	2.55	2R:+:52059092-52059124
398	2	JHU_AG_100324	SAPTNAALAHTR	AGAP009865-PA	N-TERM(ACETYL)	100	1	1251.6417	-	3R:+:44586371-44586406
399	2	JHU_AG_51405	SASEGPSKVEFK	AGAP012129-PA	N-TERM(ACETYL)	65	1	1307.6473	-	3L:+:37935007-37935042
400	2	JHU_AG_35965	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-TERM(ACETYL)	88	1	1943.8180 4	1.97	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299
401	2	JHU_AG_37192	SDEGQDNGASR	AGAP000943-PD,AGAP000943-PE	N-TERM(ACETYL)	85	2	589.24097	2.55	X:-:18265438-18265406;X:-:18265438-18265406
402	2	JHU_AG_70832	SDETGKALASETAPAATTATGSGEVSK	AGAP001804-PA	N-TERM(ACETYL)	64	2	1290.1235	3.02	2R:+:10618308-10618388
403	2	JHU_AG_110103	SDEVAK	AGAP006353-PA	N-TERM(ACETYL)	42	1	690.3313	1.16	2L:+:30441745-30441762
404	2	JHU_AG_37168	SDEVAKAQAADASANDTIFGK	AGAP006353-PA	N-TERM(ACETYL)	155	1	2151.0261	2.8	2L:+:30441745-30441807
405	2	JHU_AG_25117	SDFQTWYK	AGAP009288-PA	N-TERM(ACETYL)	45	1	1116.4995	-	3R:+:30853034-30853057
406	2	JHU_AG_10933	SDGQETVPEGWEKR	AGAP004321-PA,AGAP013475-PA	N-TERM(ACETYL)	60	1	1659.7639 6	1.79	2R:+:54457914-54457955;2R:+:54455628-54455669

407	2	JHU_AG_103954	SDIQMLIDMGFPK	AGAP009841-PA	N-TERM(ACETYL), M5(OXIDATION), M9(OXIDATION)	40	2	784.87152	1.39	3R:+:44091819-44091857
408	2	JHU_AG_100867	SDPVARPMK	AGAP000669-PA	N-TERM(ACETYL)	40	1	1042.5347	-	X:-:11840783-11840757
409	2	JHU_AG_104551	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-TERM(ACETYL), M8(OXIDATION)	64	1	1999.98758	-3.56	X:-:11840783-11840733
410	2	JHU_AG_94329	SDQQRDQQSQQR	AGAP010214-PA	N-TERM(ACETYL)	61	1	1545.7072	4.6	3R:+:50842624-50842659
411	2	JHU_AG_116537	SDSGISVDAK	AGAP003052-PA	N-TERM(ACETYL)	66	2	510.74582	-	2R:-:31484282-31484253
412	2	JHU_AG_26613	SDSVEVEQMAESKPR	AGAP000889-PA	N-TERM(ACETYL)	102	1	1733.8003	-	X:+:16748744-16748788
413	2	JHU_AG_13242	SDSVEVEQMAESKPRK	AGAP000889-PA	N-TERM(ACETYL)	59	1	1861.8982	1.13	X:+:16748744-16748791
414	2	JHU_AG_115512	SDVELSNIDHLIAMLLEVR	AGAP011166-PA	N-TERM(ACETYL)	139	1	2209.15337	-0.02	3L:+:18191588-18191639,18192554-18192558
415	2	JHU_AG_101710	SDVEVEAPSAPVDGSMDVNTALQEVLK	AGAP011077-PA	N-TERM(ACETYL), M16(OXIDATION)	161	1	2858.3552	-2.12	3L:+:16306294-16306307,16306461-16306527
416	2	JHU_AG_57944	SDVEVEAPSAPVDGSMDVNTALQEVLKK	AGAP011077-PA	N-TERM(ACETYL)	43	1	2970.45829	-1.04	3L:+:16306294-16306307,16306461-16306530
417	2	JHU_AG_23971	SEGLTDKEAK	AGAP012071-PA	N-TERM(ACETYL)	80	1	1119.5530	0.14	3L:-:37391339-37391310
418	2	JHU_AG_104230	SEIVNGNNISANHIKR	AGAP004682-PA	N-TERM(ACETYL)	42	1	1807.9462	2.87	2L:-:461079-461032
419	2	JHU_AG_38242	SEKPKEPAPGDGIR	AGAP002526-PA	N-TERM(ACETYL)	61	1	1522.7918	3.78	2R:-:22363825-22363784
420	2	JHU_AG_31117	SENVSYTNVHR	AGAP005461-PA	N-TERM(ACETYL)	58	1	1347.6296	0.66	2L:-:15810880-15810848
421	2	JHU_AG_46187	SEPQSSLLLK	AGAP002251-PA	N-TERM(ACETYL)	38	2	572.31714	1.2	2R:-:18197788-18197759
422	2	JHU_AG_69957	SEPQSSLLLKK	AGAP002251-PA	N-TERM(ACETYL)	50	1	1271.7218	0.99	2R:-:18197788-18197756
423	2	JHU_AG_61758	SERENNIYK	AGAP001151-PA	N-TERM(ACETYL)	46	1	1194.5765	1.35	2R:-:625110-625084
424	2	JHU_AG_11558	SESDWDTVTVLR	AGAP004990-PA	N-TERM(ACETYL)	70	2	725.34918	3.73	2L:+:7586039-7586074
425	2	JHU_AG_18126	SESDWDTVTVLRK	AGAP004990-PA	N-TERM(ACETYL)	95	1	1577.7919	7.14	2L:+:7586039-7586077
426	2	JHU_AG_94735	SESNFKSLEATLNK	AGAP010229-PA	N-TERM(ACETYL)	69	2	805.41058	4.37	3R:+:51294764-51294805
427	2	JHU_AG_116367	SESTSTATTSAASSAEDNAR	AGAP000308-PA	N-TERM(ACETYL)	133	1	1985.8551	1.03	X:+:5448458-5448517
428	2	JHU_AG_2843	SEVATR	AGAP007768-PA	N-TERM(ACETYL)	38	1	704.35913	2.49	3R:+:508393-508410
429	2	JHU_AG_71984	SEVATRIPKPVLR	AGAP007768-PA	N-TERM(ACETYL)	55	1	1507.8980	1.64	3R:+:508393-508431
430	2	JHU_AG_3344	SEVKTYSLADVK	AGAP007121-PA	N-TERM(ACETYL)	72	1	1381.7238	2.04	2L:+:43046086-43046121
431	2	JHU_AG_100660	SFDETSADR	AGAP010310-PA	N-TERM(ACETYL)	39	1	1069.4399	-	3L:-:82267-82241
432	2	JHU_AG_115053	SFDETSADRNVEIWK	AGAP010310-PA	N-TERM(ACETYL)	82	1	1838.8623	3.66	3L:-:82267-82223
433	2	JHU_AG_79429	SFEDWLNLVK	AGAP012517-PA	N-TERM(ACETYL)	49	2	646.83002	0.44	UNKN:-:10383389-10383360
434	2	JHU_AG_110722	SFFGKLFSGK	AGAP005316-PA	N-TERM(ACETYL)	50	2	580.31281	3.15	2L:-:14021990-14021961

435	2	JHU_AG_116472	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-TERM(ACETYL)	80	2	617.82635	2.23	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554
436	2	JHU_AG_62745	SFSSDEVNFLVYR	AGAP007739-PA	N-TERM(ACETYL)	47	2	802.8855	2.84	3R:-:172228-172190
437	2	JHU_AG_27354	SFTTFQTEVLERHNVYR	AGAP007583-PB,AGAP007583-PA	N-TERM(ACETYL)	64	1	2169.0886	7.46	2L:-:47815095-47815098,47814908-47814977;2L:-:47815095-47815098,47814908-47814977
438	2	JHU_AG_11403	SGAAAVDGAAR	AGAP001026-PA	N-TERM(ACETYL)	44	2	494.24734	1.97	X:-:19722823-19722826,19721522-19722725
439	2	JHU_AG_43836	SGDGEWDDCDEGR	AGAP008578-PA	N-TERM(ACETYL), C9(CARBAMIDOMETHYL)	66	2	770.26849	0.5	3R:+:13262404-13262427,13262530-13262544
440	2	JHU_AG_46711	SGDGEWDDCDEGRSFDQPK	AGAP008578-PA	N-TERM(ACETYL), C9(CARBAMIDOMETHYL)	56	1	2241.86528	1.17	3R:+:13262404-13262427,13262530-13262562
441	2	JHU_AG_109806	SGEVSEPIKK	AGAP013338-PA	N-TERM(ACETYL)	51	1	1115.5972	2.58	2R:+:55562365-55562394
442	2	JHU_AG_24560	SGGYPHYGFHPDYLSNPADLSYDPTEPTAPSPPSTLVGQR	AGAP006103-PB	N-TERM(ACETYL)	52	1	4330.014388	3.3	2L:+:26687610-26687616,26688428-26688540
443	2	JHU_AG_101093	SGIAASR	AGAP011076-PA	N-TERM(ACETYL)	39	1	703.37427	1.28	3L:+:16304158-16304178
444	2	JHU_AG_25	SGILFEDIFNVK	AGAP012397-PA	N-TERM(ACETYL)	105	1	1423.7473	0.38	3L:-:41721031-41720996
445	2	JHU_AG_24633	SGLESYVNNTVSIITADGR	AGAP011837-PA	N-TERM(ACETYL)	114	1	2038.0096	0.39	3L:-:33917337-33917281
446	2	JHU_AG_13216	SGNLDVLSLK	AGAP011777-PA	N-TERM(ACETYL)	81	1	1087.6014	1.9	3L:+:33171253-33171282
447	2	JHU_AG_103547	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-TERM(ACETYL)	144	1	1774.9063	-	3L:+:33171253-33171300
448	2	JHU_AG_86663	SGPIFGSSSALGGSSGGNR	AGAP004758-PA,AGAP004758-PB	N-TERM(ACETYL)	125	1	1736.81951	-0.23	2L:-:3072190-3072134;2L:-:3072190-3072134
449	2	JHU_AG_45982	SGVDDILTYK	AGAP000970-PA	N-TERM(ACETYL)	61	1	1152.5771	-	X:+:18632746-18632775
450	2	JHU_AG_105323	SGVDDILTYKR	AGAP000970-PA	N-TERM(ACETYL)	77	1	1308.6760	-	X:+:18632746-18632778
451	2	JHU_AG_15698	SHHSDDQLLQAGSDSFWELNNYK	AGAP008046-PA	N-TERM(ACETYL)	36	1	2733.2186	0.35	3R:+:4839624-4839692
452	2	JHU_AG_37900	SHHSDDQLLQAGSDSFWELNNYKR	AGAP008046-PA	N-TERM(ACETYL)	52	1	2889.3158	-	3R:+:4839624-4839695
453	2	JHU_AG_104884	SHSVVITR	AGAP000297-PA	N-TERM(ACETYL)	45	1	940.52045	-	X:+:5318996-5319019
454	2	JHU_AG_117076	SHTILLVQPGQHPETR	AGAP000516-PA	N-TERM(ACETYL)	88	1	1854.9920	5.34	X:-:9115246-9115199

455	2	JHU_AG_43867	SHVVIGGGTGFIGR	AGAP000649-PA	N-TERM(ACETYL)	86	2	699.87769	-0.57	X:-:11598995-11598998,11597883-11598732
456	2	JHU_AG_101442	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-TERM(ACETYL)	121	1	1996.9857	-	2L:-:47268384-47268334
457	2	JHU_AG_41151	SIFASVELGPPVEVFALNK	AGAP004142-PA	N-TERM(ACETYL)	52	1	2059.1126	0.71	2R:+:50702098-50702154
458	2	JHU_AG_43118	SIGVPIK	AGAP012380-PA	N-TERM(ACETYL)	38	1	755.46637	0.22	3L:-:41351535-41351515
459	2	JHU_AG_105014	SILAYNGGCVVAMK	AGAP001697-PA	N-TERM(ACETYL), C9(CARBAMIDOMETHYL), M13(OXIDATION)	106	1	1540.7498	-0.05	2R:-:8779913-8779872
460	2	JHU_AG_88597	SIQNLNTFDPFADAIK	AGAP006459-PA	N-TERM(ACETYL)	119	1	1835.92266	2.82	2L:+:32371320-32371344,32373273-32373295
461	2	JHU_AG_94352	SITEFLK	AGAP008078-PA	N-TERM(ACETYL)	47	1	879.4829	0.74	3R:-:5198735-5198715
462	2	JHU_AG_100673	SITEKDLYR	AGAP001603-PA	N-TERM(ACETYL)	59	1	1166.6043	-	2R:-:6645718-6645692
463	2	JHU_AG_92153	SIVNIYIHDENIYNVEK	AGAP007240-PA	N-TERM(ACETYL)	120	1	2105.0535	-	2L:-:44510151-44510101
464	2	JHU_AG_99546	SIVPIFFR	AGAP005547-PA,AGAP005548-PA	N-TERM(ACETYL)	43	1	1020.58855	0.81	2L:+:16952239-16952262;2L:-:16955957-16955934
465	2	JHU_AG_108966	SKADLPAVLTK	AGAP007619-PA	N-TERM(ACETYL)	38	2	592.84961	2.84	2L:-:48344343-48344311
466	2	JHU_AG_29311	SKPNVLVLGGCGFIGR	AGAP004297-PA	N-TERM(ACETYL), C11(CARBAMIDOMETHYL)	83	2	858.46899	2.61	2R:+:54160338-54160365,54160737-54160756
467	2	JHU_AG_27522	SKPQSDVDK	AGAP007939-PA	N-TERM(ACETYL)	52	1	1045.5167	0.66	3R:-:3221968-3221942
468	2	JHU_AG_109727	SKPQSDVDKR	AGAP007939-PA	N-TERM(ACETYL)	54	1	1201.6191	1.66	3R:-:3221968-3221939
469	2	JHU_AG_32417	SLAGQSAVVFGGCGGMGMAIGQHLLR	AGAP006926-PA	N-TERM(ACETYL), C13(CARBAMIDOMETHYL), M16(OXIDATION), M18(OXIDATION)	136	1	2648.27671	0.9	2L:-:40079698-40079621
470	2	JHU_AG_25580	SLETVIEK	AGAP004094-PA	N-TERM(ACETYL)	55	1	960.52765	2.92	2R:+:49717791-49717814
471	2	JHU_AG_10890	SLETVIEKVK	AGAP004094-PA	N-TERM(ACETYL)	51	1	1187.6926	3.74	2R:+:49717791-49717820
472	2	JHU_AG_79172	SLFGTTSTLNADIEK	AGAP008494-PA	N-TERM(ACETYL)	63	1	1638.82439	1.35	3R:+:11324865-11324904,11326370-11326374
473	2	JHU_AG_43307	SLGPFFR	AGAP009824-PA	N-TERM(ACETYL)	47	1	865.45842	1.98	3R:-:43818872-43818852
474	2	JHU_AG_112865	SLIQPSGELSAK	AGAP002559-PB	N-TERM(ACETYL)	83	1	1271.6855	1.08	2R:-:22830169-22830134
475	2	JHU_AG_82329	SLKANYYDKPEGDDLFGK	AGAP007208-PA	N-TERM(ACETYL)	87	1	2102.0121	2.08	2L:-:44328392-44328339
476	2	JHU_AG_39900	SLQENFDK	AGAP000546-PA	N-TERM(ACETYL)	63	1	1022.47991	0.93	X:+:9828289-9828300,9828500-9828511

477	2	JHU_AG_108587	SLQENFDKAVENVK	AGAP000546-PA	N-TERM(ACETYL)	111	1	1662.83953	3.67	X:+:9828289-9828300,9828500-9828529
478	2	JHU_AG_42459	SLSRPIYNLLGSYLEQLFEHPLR	AGAP006040-PA	N-TERM(ACETYL)	139	1	2787.4859	1.08	2L:-:25547120-25547052
479	2	JHU_AG_101160	SLSTLYK	AGAP001778-PA	N-TERM(ACETYL)	38	1	853.46478	-2.1	2R:-:10178927-10178907
480	2	JHU_AG_39620	SLTAARPLVSVYSDK	AGAP002306-PA	N-TERM(ACETYL)	81	1	1648.8920	0.9	2R:+:19054762-19054806
481	2	JHU_AG_102194	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-TERM(ACETYL)	108	1	2190.1775	0.47	2R:+:19054762-19054821
482	2	JHU_AG_74683	SLVCSISNEVPEHPCISPK	AGAP007217-PA	N-TERM(ACETYL), C4(CARBAMIDOMETHYL), C15(CARBAMIDOMETHYL)	99	1	2195.04819	0.45	2L:+:44379312-44379327,44379458-44379498
483	2	JHU_AG_108318	SLVIPEK	AGAP010374-PA	N-TERM(ACETYL)	46	1	827.48755	0.26	3L:+:2325302-2325322
484	2	JHU_AG_30460	SLVIPEKFQHILR	AGAP010374-PA	N-TERM(ACETYL)	43	1	1621.9540	7.13	3L:+:2325302-2325340
485	2	JHU_AG_1135	SLYNFKK	AGAP007050-PA	N-TERM(ACETYL)	36	1	941.51268	3.79	2L:-:41831324-41831304
486	2	JHU_AG_55161	SLYPSLEDMLVDK	AGAP009569-PA	N-TERM(ACETYL), M9(OXIDATION)	44	1	1567.75224	-2.44	3R:-:36364322-36364284
487	2	JHU_AG_110976	SMPQLDAAQQAK	AGAP010679-PA	N-TERM(ACETYL), M2(OXIDATION)	85	1	1345.64043	-0.95	3L:+:8341279-8341314
488	2	JHU_AG_76632	SNAINQNGTGLEQQFAGLDLQQK	AGAP003047-PA	N-TERM(ACETYL)	47	3	839.4184	1.18	2R:-:31433390-31433393,31428619-31429741
489	2	JHU_AG_116113	SNIALDKDCFFR	AGAP006817-PA	N-TERM(ACETYL), C9(CARBAMIDOMETHYL)	87	1	1527.72746	0.89	2L:-:38866694-38866659
490	2	JHU_AG_75652	SNIDIVQPLWDLSTFTGR	AGAP007119-PA	N-TERM(ACETYL)	50	2	1052.5390	-	2L:-:43042235-43042182
491	2	JHU_AG_29228	SNLVLYTLHLSPPCR	AGAP009194-PA	N-TERM(ACETYL), C14(CARBAMIDOMETHYL)	59	2	906.48053	3.57	3R:-:28598577-28598533
492	2	JHU_AG_28069	SNSHLFLK	AGAP004100-PA,AGAP012837-PA	N-TERM(ACETYL)	43	1	987.52709	1.27	2R:-:49762035-49762012;UNKN:+:33198515-33198538
493	2	JHU_AG_93882	SNSYATAGARPTSR	AGAP009443-PA	N-TERM(ACETYL)	47	1	1480.7142	0.23	3R:+:33527672-33527713
494	2	JHU_AG_20314	SNVNVASYLAEQK	AGAP001651-PA	N-TERM(ACETYL)	82	2	732.87024	0.17	2R:-:7310592-7310554
495	2	JHU_AG_23710	SNVNVASYLAEQKK	AGAP001651-PA	N-TERM(ACETYL)	116	1	1592.8263	-	2R:-:7310592-7310551
496	2	JHU_AG_13337	SNYQLHANETTISIPR	AGAP011394-PA	N-TERM(ACETYL)	67	2	943.47754	3.97	3L:+:23473705-23473752
497	2	JHU_AG_57785	SQEVEETLKR	AGAP003360-PA	N-TERM(ACETYL)	65	1	1260.6459	2.26	2R:-:36735327-36735298
498	2	JHU_AG_22226	SQKAERPVLSGQR	AGAP002413-PB	N-TERM(ACETYL)	62	1	1497.8125	-	2R:+:21026033-21026071
499	2	JHU_AG_106853	SQPDHPVAVTQYGPVR	AGAP006227-PA	N-TERM(ACETYL)	49	2	896.95465	2.39	2L:-:28547784-28547737
500	2	JHU_AG_82091	SQPQNIGDVIETR	AGAP007310-PA	N-TERM(ACETYL)	45	2	749.88232	5.13	2L:+:45262507-45262545
501	2	JHU_AG_38654	SQQLPIR	AGAP003021-PB	N-TERM(ACETYL)	33	1	883.49927	-	2R:+:31211008-31211028

502	2	JHU_AG_36721	SRNPAENQLNAYR	AGAP004904-PA	N-TERM(ACETYL)	88	1	1574.7710	2.54	2L:+:5772132-5772170
503	2	JHU_AG_111085	SSADKNSEVEVENVAAAEEK	AGAP007867-PA	N-TERM(ACETYL)	187	1	2147.9983	2.03	3R:+:2377600-2377659
504	2	JHU_AG_40125	SSELQHENHLIQLR	AGAP011519-PA	N-TERM(ACETYL)	75	1	1745.9009	4.55	3L:+:26419982-26420023
505	2	JHU_AG_12754	SSETVTSTTTPAATPPAATTTTTTAVNLEQVAYFLVTGASR	AGAP008000-PA	N-TERM(ACETYL)	35	1	4157.06614	-2.7	3R:+:3987937-3988059
506	2	JHU_AG_112800	SSFGSADTPK	AGAP010606-PA	N-TERM(ACETYL)	67	1	1038.4757	1.81	3L:-:7139830-7139801
507	2	JHU_AG_81409	SSFTRFVETGR	AGAP005991-PA	N-TERM(ACETYL)	50	1	1328.6638	3.36	2L:+:24568634-24568666
508	2	JHU_AG_51242	SSGADVPSDAPAHCPGTQSDDAGK	AGAP011997-PA	N-TERM(ACETYL), C14(CARBAMIDOMETHYL)	75	1	2369.00591	4.71	3L:-:36032202-36032131
509	2	JHU_AG_102030	SSGDQQMSTATTGQPHLQQQDLSK	AGAP003597-PA,AGAP003597-PB	N-TERM(ACETYL), M7(OXIDATION)	58	1	2631.19773	0.96	2R:-:40401190-40401119;2R:-:40401190-40401119
510	2	JHU_AG_38777	SSGDQQMSTATTGQPHLQQQDLSKLDITK	AGAP003597-PA,AGAP003597-PB	N-TERM(ACETYL)	116	1	3185.54441	2	2R:-:40401190-40401193,40400479-40400642;2R:-:40401190-40401193,40400479-40400642
511	2	JHU_AG_42566	SSGEFRDSLVDPPAAK	AGAP011873-PA	N-TERM(ACETYL)	48	2	859.42853	6.13	3L:-:34573633-34573586
512	2	JHU_AG_22025	SSGTFVDRIDPFAK	AGAP004096-PB	N-TERM(ACETYL)	42	2	791.40106	2.54	2R:-:49735375-49735334
513	2	JHU_AG_114951	SSIGTGYDLSASQFSPDGR	AGAP001973-PB,AGAP001973-PA	N-TERM(ACETYL)	120	1	1986.90593	0.96	2R:+:13002559-13002576,13002728-13002766;2R:+:13002559-13002576,13002728-13002766
514	2	JHU_AG_23138	SSIGTGYDLSASQFSPDGRVFQIEYAAK	AGAP001973-PB,AGAP001973-PA	N-TERM(ACETYL)	126	1	3036.46854	3.26	2R:+:13002559-13002576,13002728-13002793;2R:+:13002559-13002576,13002728-13002793
515	2	JHU_AG_24999	SSISDFRK	AGAP004645-PA	N-TERM(ACETYL)	50	1	981.49846	-1.6	2R:-:59020259-59020236
516	2	JHU_AG_101855	SSKPVLYTHTISPAGR	AGAP009191-PA	N-TERM(ACETYL)	42	1	1755.9479	5.16	3R:+:28593717-28593764
517	2	JHU_AG_65833	SSLKLQK	AGAP004422-PA	N-TERM(ACETYL)	47	1	845.51146	2.76	2R:-:55870816-55870819,55870192-55870280
518	2	JHU_AG_22276	SSNNEQVKQFAQITGATEER	AGAP005122-PA	N-TERM(ACETYL)	72	1	2279.0933	1.48	2L:-:10254966-10254907
519	2	JHU_AG_10355	SSNSSNFLVLLK	AGAP004070-PA	N-TERM(ACETYL)	55	2	675.86792	1.6	2R:-:49466311-49466276
520	2	JHU_AG_89470	SSNTNSTNGKPAGR	AGAP009026-PA	N-TERM(ACETYL), N8(DEAMIDATED)	79	2	717.33441	-0.02	3R:-:24093977-24093936
521	2	JHU_AG_26722	SSQIQSVHTPSVSLSK	AGAP002547-PA	N-TERM(ACETYL)	71	2	863.95148	-0.8	2R:-:22666362-22666315

522	2	JHU_AG_103326	SSQQEQPQQQQPTVR	AGAP011762-PA	N-TERM(ACETYL)	76	2	905.93854	1.06	3L:-:32980414-32980370
523	2	JHU_AG_91309	SSRPQVYLTR	AGAP008730-PA	N-TERM(ACETYL)	53	1	1248.6683	-	3R:-:16168324-16168295
524	2	JHU_AG_90595	SSSAALQK	AGAP002308-PA	N-TERM(ACETYL)	56	1	833.44019	4.59	2R:-:19060033-19060010
525	2	JHU_AG_12611	SSSAIFILDAK	AGAP011374-PA	N-TERM(ACETYL)	56	2	597.32361	-	3L:-:22429285-22429253
526	2	JHU_AG_66208	SSSAIFILDAKGK	AGAP011374-PA	N-TERM(ACETYL)	65	1	1378.7577	0.01	3L:-:22429285-22429247
527	2	JHU_AG_68333	SSSAPGATNPMLYDPIPEGQGSTTKR	AGAP003492-PC,AGAP003492-PA	N-TERM(ACETYL), M11(OXIDATION)	42	1	2720.2822 7	- 0.38	2R:+:38634317-38634394;2R:+:38643837-38643914
528	2	JHU_AG_54319	SSSAVTTK	AGAP004877-PA	N-TERM(ACETYL)	43	1	822.41913	-	2L:+:4852050-4852073
529	2	JHU_AG_52743	SSSAVTTKTSK	AGAP004877-PA	N-TERM(ACETYL)	61	1	1138.5977	2.33	2L:+:4852050-4852082
530	2	JHU_AG_26151	SSSGDFGNPLR	AGAP011363-PA	N-TERM(ACETYL)	49	2	589.77521	-	3L:-:22014742-22014710
531	2	JHU_AG_101986	SSSGDFGNPLRK	AGAP011363-PA	N-TERM(ACETYL)	85	1	1306.6390	0.32	3L:-:22014742-22014707
532	2	JHU_AG_34475	SSSIQITADDKPATTAGLITPTK	AGAP005641-PA	N-TERM(ACETYL)	73	2	1179.6246	0.86	2L:-:18165137-18165069
533	2	JHU_AG_108849	SSSQYYPFQCTPTVYPADPFDANEDAGTLR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	N-TERM(ACETYL), C10(CARBAMIDOMETHYL)	41	1	3439.5032 7	- 0.81	2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487
534	2	JHU_AG_100351	SSSTVALADADKK	AGAP002347-PA	N-TERM(ACETYL)	69	2	667.84314	-	2R:-:20505495-20505457
535	2	JHU_AG_42503	SSTAGAFHQQHQPQQQSPR	AGAP011552-PA	N-TERM(ACETYL)	41	1	2162.0221	4.59	3L:-:27220540-27220484
536	2	JHU_AG_2938	SSTEDFYLR	AGAP010755-PA	N-TERM(ACETYL)	41	1	1159.5273	0.62	3L:+:9851073-9851099
537	2	JHU_AG_48465	SSTTAAASTIAR	AGAP013048-PA	N-TERM(ACETYL)	70	2	589.80511	1.48	2R:+:1637110-1637145
538	2	JHU_AG_81440	SSTVEKNEYPK	AGAP003808-PA	N-TERM(ACETYL)	42	1	1323.6461	2.6	2R:-:43706763-43706731
539	2	JHU_AG_113785	STEKEMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	N-TERM(ACETYL), M6(OXIDATION)	92	1	3099.3522 7	1.22	3L:-:38265335-38265258
540	2	JHU_AG_41481	STEVLLEFEGK	AGAP012732-PA,AGAP001789-PA	N-TERM(ACETYL)	65	2	647.3335	1.84	UNKN:+:25845313-25845345;2R:+:10483639-10483671
541	2	JHU_AG_110223	STINLPLNLTVR	AGAP002935-PA	N-TERM(ACETYL)	32	2	691.90601	3.25	2R:+:29839436-29839471
542	2	JHU_AG_64659	STNFNVGVAAEAKPSSR	AGAP007116-PA	N-TERM(ACETYL)	95	1	1776.8897	1.19	2L:+:43022976-43023026
543	2	JHU_AG_57094	STTSTNYR	AGAP009099-PA	N-TERM(ACETYL)	38	1	971.43927	-	3R:+:25588930-25588953
544	2	JHU_AG_105537	STVASALALAGNR	AGAP004238-PA	N-TERM(ACETYL)	73	2	636.85089	2.99	2R:-:52968515-52968477
545	2	JHU_AG_101413	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-TERM(ACETYL)	89	1	1317.6901 1	0.31	2L:-:48612723-48612691;2L:-:48612723-48612691
546	2	JHU_AG_56759	STVEKPIENAIR	AGAP003706-PA	N-TERM(ACETYL)	69	1	1398.7631	3.09	2R:-:42207557-42207522

547	2	JHU_AG_116739	SVEKFDLQK	AGAP005990-PA	N-TERM(ACETYL)	55	1	1135.6016	1.93	2L:-:24567765-24567739
548	2	JHU_AG_92284	SVETIYTSAACNR	AGAP006889-PA	N-TERM(ACETYL), C11(CARBAMIDOMETHYL)	43	2	757.35529	5.36	2L:+:39373100-39373138
549	2	JHU_AG_1687	SVIGIDFGNDSSYVAVAK	AGAP010331-PA	N-TERM(ACETYL)	91	2	942.47308	0.15	3L:+:1237470-1237523
550	2	JHU_AG_106823	SVVDDLDKAQLELLR	AGAP006179-PB	N-TERM(ACETYL)	129	1	1755.94304	-3.28	2L:-:27808202-27808205,27799584-27799972
551	2	JHU_AG_59768	SVVPMLFR	AGAP007162-PB	N-TERM(ACETYL), M5(OXIDATION)	55	2	503.77283	-0.69	2L:-:43613223-43613200
552	2	JHU_AG_15643	SWEPQPDGLSQIITLLK	AGAP005892-PA	N-TERM(ACETYL)	36	1	1967.0493	0.44	2L:-:23223864-23223814
553	2	JHU_AG_38987	SWLFGYK	AGAP001792-PA	N-TERM(ACETYL)	43	2	471.74072	2.29	2R:-:10520118-10520098
554	2	JHU_AG_107050	SWQDYVDNQLLASQCVSK	AGAP009861-PA	N-TERM(ACETYL), C15(CARBAMIDOMETHYL)	118	1	2183.01738	4.56	3R:-:44555603-44555550
555	2	JHU_AG_100287	SWYYTPHPTVVPAEDFDASADANALR	AGAP003721-PA	N-TERM(ACETYL)	37	1	2935.36521	4.01	2R:-:42432622-42432625,42432291-42432405
556	2	JHU_AG_103984	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-TERM(ACETYL)	171	1	3063.44822	-0.06	2R:-:42432622-42432625,42432291-42432402
557	2	JHU_AG_74009	SWYYTPVPTVVPAEDFDASADANALR	AGAP003722-PA,AGAP012784-PA	N-TERM(ACETYL)	119	1	2897.36478	0.63	2R:+:42434206-42434220,42434395-42434457;UNKN:-:28950789-28950792,28950433-28950547
558	2	JHU_AG_102217	SWYYVPKPTVVPAENFNPSEDAAALR	AGAP003720-PA	N-TERM(ACETYL)	42	2	1482.23755	3.48	2R:-:42429963-42429966,42428702-42429533
559	2	JHU_AG_11634	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-TERM(ACETYL)	110	1	3091.55307	0.19	2R:-:42429963-42429966,42428702-42429530
560	2	JHU_AG_61192	SYAYLFK	AGAP005393-PA	N-TERM(ACETYL)	50	1	933.47217	0.55	2L:+:14906064-14906084
561	2	JHU_AG_20943	SYSWDQR	AGAP007963-PA	N-TERM(ACETYL)	32	1	983.41962	-	3R:+:3358458-3358478
562	2	JHU_AG_14945	SYSWDQRVEFIVR	AGAP007963-PA	N-TERM(ACETYL)	65	1	1726.8616	3.95	3R:+:3358458-3358496
563	2	JHU_AG_110692	TAISLISSTK	AGAP002627-PA	N-TERM(ACETYL)	80	2	531.80542	-	2R:-:24329358-24329329
564	2	JHU_AG_116872	TCNVVPNAIFK	AGAP011051-PA	N-TERM(ACETYL), C2(CARBAMIDOMETHYL)	42	1	1304.66724	0.34	3L:+:15778783-15778815

565	2	JHU_AG_832	TDAEKTAPETTAETK	AGAP002654-PA,AGAP002654-PB	N-TERM(ACETYL)	49	1	1634.77959	2.42	2R:-:25187644-25187600;2R:-:25187644-25187600
566	2	JHU_AG_100741	TDANNILALLQRPLEPTFLPK	AGAP006258-PA	N-TERM(ACETYL)	71	1	2406.3491	4.13	2L:-:28705474-28705412
567	2	JHU_AG_108755	TDEYFYGATLK	AGAP004395-PA	N-TERM(ACETYL)	70	1	1349.63342	5.5	2R:+:55594007-55594025,55595298-55595311
568	2	JHU_AG_30149	TDEYFYGATLKEGSK	AGAP004395-PA	N-TERM(ACETYL)	122	1	1750.8217	2.64	2R:+:55594007-55594025,55595298-55595323
569	2	JHU_AG_36952	TDSKYFTTTK	AGAP001267-PA	N-TERM(ACETYL)	57	1	1233.6017	1.58	2R:+:2126596-2126625
570	2	JHU_AG_99489	TDVSAKTEK	AGAP001387-PA	N-TERM(ACETYL)	35	1	1020.52086	0.03	2R:-:4117663-4117666,4116737-4117208
571	2	JHU_AG_37134	TEETTPVKK	AGAP004214-PA	N-TERM(ACETYL)	39	1	1074.5674	-	2R:-:51946817-51946791
572	2	JHU_AG_70933	TEEVNPK	AGAP008163-PA	N-TERM(ACETYL)	37	1	858.42242	2.39	3R:+:6279787-6279807
573	2	JHU_AG_33217	TELENVNPNVYKK	AGAP005422-PA	N-TERM(ACETYL)	102	1	1589.8192	1.41	2L:-:15375293-15375255
574	2	JHU_AG_21011	TEMEDTHFETADSGASQTFPMQCSALR	AGAP011284-PA	N-TERM(ACETYL), M3(OXIDATION), M21(OXIDATION), C23(CARBAMIDOMETHYL)	48	1	3121.28647	1.4	3L:+:20552455-20552535
575	2	JHU_AG_100565	TEMEDTHFETADSGASQTFPMQCSALRK	AGAP011284-PA	N-TERM(ACETYL), C23(CARBAMIDOMETHYL)	173	1	3217.39487	2.37	3L:+:20552455-20552538
576	2	JHU_AG_116520	TESAGVK	AGAP008842-PA	N-TERM(ACETYL)	42	1	733.37225	-0.6	3R:-:19344481-19344484,19326958-19327144
577	2	JHU_AG_102877	TETLQLR	AGAP010173-PA	N-TERM(ACETYL)	58	2	451.75089	0.32	3R:+:49908152-49908172
578	2	JHU_AG_1511	TETLQLRGQLLGHSGWVTQIATNPK	AGAP010173-PA	N-TERM(ACETYL)	177	1	2790.5029	4.71	3R:+:49908152-49908226
579	2	JHU_AG_50911	TETTEAPVVAQTAETK	AGAP006478-PA	N-TERM(ACETYL)	51	2	859.42932	1.3	2L:+:32768780-32768827
580	2	JHU_AG_103279	TETTEAPVVAQTAETKTPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N-TERM(ACETYL)	87	1	4148.98496	2.54	2L:+:32768780-32768902
581	2	JHU_AG_19797	TEYKLVVVGAGGVGK	AGAP002219-PA	N-TERM(ACETYL)	108	1	1518.8575	3.22	2R:-:17701185-17701141
582	2	JHU_AG_111440	TEYWLISAPGDK	AGAP005845-PA	N-TERM(ACETYL)	79	1	1421.6992	3.12	2L:-:22433662-22433627
583	2	JHU_AG_12776	TEYWLISAPGDKTCQQTWETMNNVTSK	AGAP005845-PA	N-TERM(ACETYL), C14(CARBAMIDOMETHYL)	39	1	3230.4832	1.92	2L:-:22433662-22433582
584	2	JHU_AG_58785	TGAIDLLLSVR	AGAP001257-PA	N-TERM(ACETYL)	78	2	600.35492	2.57	2R:-:2063948-2063951,2060744-2061364

585	2	JHU_AG_54451	TGRLPACVIDVGTGYTK	AGAP005110-PA	N-TERM(ACETYL), C7(CARBAMIDOMETHYL)	100	1	1849.95708	5.05	2L:+:10204324-10204364,10204524-10204533
586	2	JHU_AG_34222	TLEAIK	AGAP001589-PA	N-TERM(ACETYL)	40	1	716.4187	-0.3	2R:-:6498223-6498206
587	2	JHU_AG_20563	TLEAIKYK	AGAP001589-PA	N-TERM(ACETYL)	44	1	1007.5781	0.96	2R:-:6498223-6498200
588	2	JHU_AG_36178	TNLTEDQLAEFQEAFNLFDNR	AGAP007806-PA	N-TERM(ACETYL)	172	1	2557.1876	1.31	3R:-:1266225-1266225,1259431-1259725
589	2	JHU_AG_45450	TQQGPAFDSNCMTLTR	AGAP009173-PA	N-TERM(ACETYL), C11(CARBAMIDOMETHYL), M12(OXIDATION)	70	2	942.91351	-0.96	3R:-:28118764-28118717
590	2	JHU_AG_32117	TSAGEVFIVSAAR	AGAP001318-PA	N-TERM(ACETYL)	42	2	675.35718	0.78	2R:+:2979902-2979940
591	2	JHU_AG_75125	TSALYLEHYLDGLEHLPNELKR	AGAP009992-PA	N-TERM(ACETYL)	130	1	2653.36025	-0.71	3R:+:47334787-47334820,47334923-47334954
592	2	JHU_AG_105661	TSHWEDFYAK	AGAP004311-PA	N-TERM(ACETYL)	76	1	1325.5825	2.14	2R:+:54371973-54372002
593	2	JHU_AG_20448	TSILTAPGK	AGAP001751-PA	N-TERM(ACETYL)	46	1	929.53296	2.9	2R:+:9352833-9352859
594	2	JHU_AG_23198	TSINVEK	AGAP005866-PA	N-TERM(ACETYL)	46	1	832.44275	1.97	2L:-:22673814-22673794
595	2	JHU_AG_71122	TSQAVNKTGSGWPR	AGAP007242-PA,AGAP007242-PB	N-TERM(ACETYL)	55	1	1530.77007	2.66	2L:-:44515158-44515117;2L:-:44515158-44515117
596	2	JHU_AG_113640	TSSAELETLRSEIER	AGAP010206-PA	N-TERM(ACETYL)	52	1	1762.8920	5.78	3R:-:50706700-50706656
597	2	JHU_AG_4416	TSSIILAGLGLAVVGYGGR	AGAP003533-PA	N-TERM(ACETYL)	110	1	1846.0438	0.27	2R:+:39215190-39215246
598	2	JHU_AG_25032	TTDISVVR	AGAP010895-PA	N-TERM(ACETYL)	64	2	466.75674	1.54	3L:+:12732944-12732967
599	2	JHU_AG_106894	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-TERM(ACETYL)	155	1	1922.9948	0.88	2L:+:10252000-10252053
600	2	JHU_AG_107291	TTYEEFIQQNEDR	AGAP001759-PA	N-TERM(ACETYL)	61	2	857.88702	6.55	2R:+:9479553-9479591
601	2	JHU_AG_6219	TTYEEFIQQNEDRDGIR	AGAP001759-PA	N-TERM(ACETYL)	35	1	2155.9951	2.79	2R:+:9479553-9479603
602	2	JHU_AG_111307	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-TERM(ACETYL)	77	2	586.78528	0.86	2R:+:22877765-22877791;2R:+:22877765-22877791
603	2	JHU_AG_107847	TTYFNYPPKEIQEELAR	AGAP002564-PA,AGAP002564-PB	N-TERM(ACETYL)	88	1	2141.0562	0.55	2R:+:22877765-22877815;2R:+:22877765-22877815
604	2	JHU_AG_752	TTYTDKGPKPDGGK	AGAP004802-PA	N-TERM(ACETYL)	53	1	1506.7465	1.98	2L:+:3746202-3746243
605	2	JHU_AG_105075	VDAAVMEK	AGAP005627-PD	N-TERM(ACETYL), M6(OXIDATION)	40	1	920.43945	0.03	2L:+:17998021-17998044
606	2	JHU_AG_112622	VDAAVMEKMEAGFAK	AGAP005627-PD	N-TERM(ACETYL), M6(OXIDATION), M9(OXIDATION)	86	1	1670.77947	1.75	2L:+:17998021-17998065
607	2	JHU_AG_35165	VDKIEMSLDEIIK	AGAP006733-PA	N-TERM(ACETYL)	44	2	787.92535	5.56	2L:+:37415496-37415534

608	2	JHU_AG_23087	VDKLVNSEANAR	AGAP010307-PA	N-TERM(ACETYL)	72	1	1357.70964	1.88	3R:-:53087441-53087444,53086652-53086896
609	2	JHU_AG_3102	VESNGAELTEHEAELYDR	AGAP004459-PB	N-TERM(ACETYL)	122	1	2103.9531	3.12	2R:+:56703773-56703826
610	2	JHU_AG_83705	VGMSRTLELSPNAHINK	AGAP002355-PA	N-TERM(ACETYL), N12(DEAMIDATED)	35	1	1909.95452	-13.4	2R:+:20589509-20589513,20589728-20589773
611	2	JHU_AG_34660	VINFGAGPAK	AGAP004598-PA	N-TERM(ACETYL)	53	1	1015.5522	-	2R:-:58259491-58259462
612	2	JHU_AG_114864	VINFGAGPAKLPR	AGAP004598-PA	N-TERM(ACETYL)	33	1	1381.7953	0.15	2R:-:58259491-58259453
613	2	JHU_AG_15186	VNFTVDEIR	AGAP009441-PA	N-TERM(ACETYL)	46	2	567.79553	4.21	3R:-:33500187-33500161
614	2	JHU_AG_112641	VSTFVCSK	AGAP002945-PA	N-TERM(ACETYL), C6(CARBAMIDOMETHYL)	41	2	485.24081	3.43	2R:-:30006915-30006892
615	2	JHU_AG_10074	VSVLNTIDTGHEDMIHCADVDYYGLR	AGAP003183-PA	N-TERM(ACETYL), M14(OXIDATION), C17(CARBAMIDOMETHYL)	118	1	3051.39603	4.47	2R:-:33618903-33618826
616	2	JHU_AG_9309	VVAVK	AGAP006263-PA,AGAP000926-PB,AGAP000926-PA,AGAP003108-PA,AGAP003108-PB,AGAP009608-PA,AGAP000843-PA,AGAP007254-PA,AGAP005985-PA	N-TERM(ACETYL)	33	1	557.36572	-0.06	2L:-:28773904-28773890;X:-:17467454-17467440;X:-:17467454-17467440;2R:+:32499141-32499155;2R:+:32499141-32499155;3R:+:36989330-36989344;X:-:15563931-15563917;2L:-:44697940-44697926;2L:+:24527898-24527912

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 5 . List of peptides mapped to novel splice junctions of the Vectrobase genes

Peptide	Organs	vectorbase gene ID	Genome coordinates	Ion score	MH+	Mass error
APVSPQAGR	Malpighian tubule	AGAP000254	X:+:4779528-4779546,4791665-4791672	23	882.49	6.77
IFAFTPQR	Malpighian tubule	AGAP000708	X:+:12684126-12684146,12691223-12691225	20	979.52	-13.42
NDYTEEGGFPEYSQPR	Head, Ovary	AGAP000720	X:-:13115566-13115776 -13122217-13122314	71	1888.801	38.63
QILqqGTR	Testes and male accessary glands	AGAP001469	2R:+:5344759-5344773,5349685-5349693	37	945.5	-0.68
InqAQQYVPNAR	Malpighian tubule	AGAP001660	2R:+:7577985-7578000,7607212-7607231	21	1403.68	-8.84
ScGLnGqGnR	Salivary gland	AGAP002147	2R:+:16422948-16422970,16424131-16424137	33	1065.42	-9.33
LVSGIPnqR	Salivary gland	AGAP002578	2R:-:23196999-23196980,23195814-23195810	42	985.53	0.46
LLIIGDSVGNK	Testes and male accessary glands	AGAP003028	2R:-:31247867-31247846,31246545-31246539	50	1128.66	0.25
DQGASIIER	Malpighian tubule	AGAP003318	2R:+:35903257-35903279,35926560-35926563	17	988.49	-11.74
cDGVSDcADGYDEQNcPcR	Midgut, Head, Malpighian tubule, Viscera	AGAP003656	2R:+:41190247-41190295,41191347-41191354	131	2277.79	2.14
DcSDGEDEIcEAQR	Midgut	AGAP003656	2R:+:41182858-41182891,41184928-41184935	122	1683.63	3.29
DVcVLLER	Malpighian tubule	AGAP004507	2R:-:57185966-57185956,57166474-57166464	27	1003.53	3.42
LLSDGTQNIVPPK	Head, Malpighian tubule	AGAP004686	2L:+:742551-742564,743770-743794	33	1381.77	0.78
AEGEEAEEAAAAK	Salivary gland	AGAP004707	2L:+:2358293-2358304,2399898-2399924	42	1275.57	-0.39
TVAIVPDnVDR	Malpighian tubule	AGAP004707	2L:+:2385766-2385785,2422468-2422480	21	1199.64	9.5
GLVNTLLR	Malpighian tubule	AGAP004827	2L:+:4123928-4123935,4135329-4135344	20	885.54	-13.08
TVqcIVLR	Malpighian tubule	AGAP004827	2L:+:4125887-4125896,4127896-4127909	18	989.54	-7.67
INAEEVLQIK	Head	AGAP004863	2L:+:4568419-4568442,4574755-4574760	34	1156.66	5.38
LnIYELVqGPPK	Midgut	AGAP004902	2L:+:5740576-5740589,5759464-5759485	38	1372.76	14.3
VnnLVAGR	Malpighian tubule	AGAP005352	2L:+:14471478-14471491,14472371-14472380	33	844.45	-0.55
EFNNQLLnTR	Midgut, Malpighian tubule, Viscera	AGAP005490	2L:-:16188898-16188875,16184208-16184209	41	1249.63	6.29
TMFGATmYR	Salivary gland	AGAP006089	2L:+:26494035-26494046,26538375-26538389	41	1093.48	0.07
DLDTVLAVTR	Pupae	AGAP006379	2L:-:30931572-30931560,30928911-30928899	38	1102.6	-7.35
IIEDSDYVAVLFYKPEcK	Head, Viscera	AGAP006452	2L:+:32273831-32273868,32278533-32278548	118	2189.09	3.45
EGNGnGHIVK	Malpighian tubule	AGAP007086	2L:+:42391045-42391065,42393150-42393158	18	1025.51	10.17
VYVIDGPR	Malpighian tubule	AGAP007563	2L:+:47709397-47709411,47712537-47712545	16	918.51	6.05
DLSTqLTR	Malpighian tubule	AGAP009036	3R:+:24442057-24442071,24446550-24446558	42	934.49	4.67
QnAQINAR	Testes and male accessary glands	AGAP009641	3R:+:37469959-37469970,37480975-37480986	47	915.48	13.04
LATVAEmLK	Head	AGAP010006	3R:+:47548946-47548967,47552430-47552434	31	991.55	5.17
LIGGSVAK	Pupae	AGAP010435	3L:-:3328341-3328333,3322979-3322971	29	744.46	0.02
GASVLGIAPK	Malpighian tubule	AGAP010490	3L:+:5022372-5022384,5024330-5024346	21	912.55	2.44
TPISVTPR	Malpighian tubule, Ovary, viscrera, Salivary gland,Testes	AGAP011396	3L:-:23618386-23618377,23615465-23615456	38	870.51	4.07
LHPESPIVK	Salivary gland	AGAP011410	3L:-:23941390-23941375,23915778-23915772	34	1019.6	11.89
RPAQMQSYHLVEK	Viscera	AGAP011717	3L:+:32120771-32120792,32125709-32125725	40	1586.83	12.54
DFIWGFGK	Head	AGAP012252	3L:+:39339649-39339659,39365711-39365723	59	969.48	-0.22

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 4. Confirmation of splice sites with peptides spanning exon-exon junctions

	JHU ID	Peptide sequence	Ion Score	Protein Accession(s)	Splice junction	Chromosome_coordinates	Organs	Start exon	End exon
1	JHU_Ag_27697	AAADFAEVAK	73	AGAP009751-PA	residue overlap splice site	3R:+:42358294-42358323	Malpighian tubule	2	3
2	JHU_Ag_59655	AAAEPEEETSQIPSR	79	AGAP005832-PB,AGAP005832-PA	Splice junction,Splice junction	2L:+:22289244-22289274,22292474-22292487;2L:+:22289244-22289274,22292474-22292487	Remaining organs	7	8
3	JHU_Ag_41078	AAALDVHENEPYNVFQGALK	54	AGAP003893-PB	Splice junction	2R:-:45638552-45638645,45637339-45637535	Malpighian tubule	4	5
4	JHU_Ag_8193	AAAYALQDQPVVNAVIDENEIIYR	203	AGAP004055-PB	Splice junction	2R:-:49086938-49087026,49086501-49086792	Malpighian tubule	4	5
5	JHU_Ag_20076	AAAYALQDQPVVNAVIDENEIIYRDYVDISVAVASPK	61	AGAP004055-PB	Splice junction	2R:-:49086938-49087026,49086501-49086753	Malpighian tubule	4	5
6	JHU_Ag_31473	AADYLMQYNQGIK	102	AGAP001312-PA,AGAP001312-PB	Splice junction,Splice junction	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	Pupa	3	4
7	JHU_Ag_6298	AAEELLESLKQELK	113	AGAP010586-PA	Splice junction	3L:-:6548444-6548552,6547462-6548317	Ovary	1	2
8	JHU_Ag_12004	AAENWFIK	56	AGAP007780-PA	residue overlap splice site	3R:-:755527-755504	Salivary gland	3	4
9	JHU_Ag_19477	AAENWFIKYGDLGGYANAK	123	AGAP007780-PA	Splice junction	3R:-:755527-755642,755284-755395	Malpighian tubule	3	4
10	JHU_Ag_109101	AAESDIRSGVIAQELEYVGHHVR	96	AGAP005608-PA	Splice junction	2L:-:17832918-17833002,17831913-17832750	Malpighian tubule	2	3
11	JHU_Ag_18546	AAFDLPSNFLNPR	40	AGAP008350-PA	Splice junction	3R:+:9731165-9731193,9731277-9731286	Pupa	4	5
12	JHU_Ag_81660	AAFINPLVPANEEEKAIFDGGESR	66	AGAP003848-PA	Splice junction	2R:+:44355795-44355861,44355939-44355943	Ovary	4	5
13	JHU_Ag_50596	AAFPLGLGHTSTYVGQGVCLIGDAAHR	43	AGAP000106-PA	Splice junction	X:+:1764179-1764243,1764317-1764332	Malpighian tubule	4	5
14	JHU_Ag_37828	AAFTYLLVGGAAVSTAYVAK	110	AGAP008955-PA	Splice junction	3R:-:21800962-21801075,21800611-21800827	Midgut	2	3
15	JHU_Ag_39087	AAGLNYINYSNIAAR	115	AGAP000260-PC,AGAP000260-PA	Splice junction,Splice junction	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	Remaining organs	1	2
16	JHU_Ag_56059	AAGLNYINYSNIAARLLR	83	AGAP000260-PC,AGAP000260-PA	Splice junction,Splice junction	X:+:4916310-4916323,4916449-4916488;X:+:4916310-4916323,4916449-4916488	Remaining organs	1	2
17	JHU_Ag_77562	AAGYDLR	47	AGAP010159-PA	residue overlap splice site	3R:+:49670386-49670406	Ovary	1	2
18	JHU_Ag_53929	AAHEVLDSVDTK	58	AGAP005042-PA	Splice junction	2L:+:8755022-8755057	Head	5	6
19	JHU_Ag_17895	AAHVFFTEVCPEELFNDICK	94	AGAP003023-PA	Splice junction	2R:-:31229011-31229142,31228369-31228438	Head	3	4
20	JHU_Ag_48461	AALALQAQLEK	55	AGAP000776-PA	Splice junction	X:-:13922022-13922095,13921619-13921840	Salivary gland	8	9
21	JHU_Ag_111690	AALDIICETAMGVK	75	AGAP009241-PA,AGAP009246-PA	Splice junction,Splice junction	3R:+:29222880-29222901,29223002-29223021;3R:-:29383823-29383990,29383443-29383496	Malpighian tubule	3	4
22	JHU_Ag_34033	AALTKGVFIVAAK	82	AGAP006821-PA	Splice junction	2L:+:38891173-38891188,38891889-38891911	Malpighian tubule	1	2
23	JHU_Ag_16836	AAPGGAVVTNGNSGTNGK	106	AGAP008046-PA	Splice junction	3R:+:4844943-4844968,4845059-4845086	Head	7	8
24	JHU_Ag_99290	AAPIVHMGIDCSSDAK	78	AGAP009104-PA	Splice junction	3R:-:25631512-25631637,25631305-25631377	Larva	6	7
25	JHU_Ag_7986	AAPQQQGSLSSMGAPAGR	85	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31191773-31191892,31191489-31191620;2R:-:31191773-31191892,31191489-31191620	Malpighian tubule	12	13
26	JHU_Ag_94189	AAQDGQQIVVNNQVGTASQGQYTYQGDDGK	160	AGAP009870-PA	Splice junction	3R:+:44603824-44603898,44603973-44603987	Head	1	2
27	JHU_Ag_75597	AAQEKIK	43	AGAP011441-PA	Splice junction	3L:+:24732588-24732596,24732703-24732714	Malpighian tubule	1	2
28	JHU_Ag_40591	AASQNAAMDMDEEDPVPEITR	104	AGAP005630-PA	Splice junction	2L:-:18011138-18013148,18010873-18010992	Salivary gland	3	4
29	JHU_Ag_65114	AASQNAAMDMDEEDPVPEITRDHFEEAMK	106	AGAP005630-PA	Splice junction	2L:-:18011138-18013148,18010873-18010968	Malpighian tubule	3	4
30	JHU_Ag_28748	AASTKPTPINLTNHSYFNLAGHATGHEEIYR	77	AGAP004376-PA	Splice junction	2R:+:55498706-55498771,55498842-55498868	Male reproductive organs	1	2

31	JHU_Ag_99129	AATLLLENDHNPDVTSK	103	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	Splice junction,Splice junction,Splice junction	2R:+:18436755-18436775,18436889-18436918;2R:+:18436755-18436775,18436889-18436918;2R:+:18436755-18436775,18436889-18436918	Head	3	4
32	JHU_Ag_47918	AATTDLPPGVLYR	63	AGAP005076-PB	Splice junction	2L:+:9691900-9691938;2L:+:9691900-9691938	Malpighian tubule	6	7
33	JHU_Ag_5545	AAVAGGTTTILDFVLPK	86	AGAP003124-PA,AGAP003124-PB	Splice junction,Splice junction	2R:-:32941929-32942089,32941392-32941794;2R:-:32941929-32942089,32941392-32941794	Male reproductive organs	3	4
34	JHU_Ag_13447	AAWRAAGLNYINYSNIAAR	90	AGAP000260-PC,AGAP000260-PA	Splice junction,Splice junction	2L:-:10059803-10059747;X:+:4916298-4916323,4916449-4916479;X:+:4916298-4916323,4916449-4916479	Remaining organs	1	2
35	JHU_Ag_18936	ACFPEFGGIASIAFVNVGR	120	AGAP011453-PA	Splice junction	3L:+:24913751-24913778,24913861-24913889	Remaining organs	3	4
36	JHU_Ag_28631	ACGLNFQDLMVR	88	AGAP006478-PA	Splice junction	2L:+:32769101-32769105,32805554-32805584	Malpighian tubule	1	2
37	JHU_Ag_5840	ACIAYQCVDPCSGQCGVGAQCQAK	71	AGAP003027-PA	Splice junction	2R:+:31243021-31243072,31243159-31243178	Remaining organs	7	8
38	JHU_Ag_42281	ACNDDPNPNKVNLGVGAYR	141	AGAP004142-PA	Splice junction	2R:+:50702155-50702203,50702696-50702703	Malpighian tubule	1	2
39	JHU_Ag_26372	ACQDKDFGSQEYWECAVR	92	AGAP002557-PA	Splice junction	2R:-:22797538-22798803,22797189-22797417	Pupa	3	4
40	JHU_Ag_2185	ACQVVYPLHDVYIRK	52	AGAP003532-PA	residue overlap splice site	2R:-:39214040-39213996	Ovary	2	3
41	JHU_Ag_64417	ACSANEYCCPGFICVAVDDVSPISVR	66	AGAP008993-PA	Splice junction	3R:-:22809184-22809247,22801513-22801698	Head	2	3
42	JHU_Ag_19103	ACYGSTDPENIAR	62	AGAP007104-PA	Splice junction	2L:-:42785130-42785338,42784836-42784998	Male reproductive organs	4	5
43	JHU_Ag_19576	ADAELAK	48	AGAP001700-PA	Splice junction	2R:-:8800162-8800165,8799864-8799958	Malpighian tubule	1	2
44	JHU_Ag_89675	ADATPIHEQGAQEQQHIPQYLPQGQPQR	113	AGAP006261-PA	Splice junction	2L:-:28745954-28746098,28745729-28745786	Head	1	2
45	JHU_Ag_2066	ADDIENIYK	45	AGAP009031-PA	Splice junction	3R:-:24356547-24357240,24356220-24356238	Malpighian tubule	1	2
46	JHU_Ag_13219	ADDIYNYLSPDTSR	55	AGAP000885-PA	Splice junction	X:-:16730163-16732545,16729033-16729279	Pupa	2	3
47	JHU_Ag_8497	ADEDKGLVAGHPPAVK	77	AGAP011832-PA	Splice junction	3L:+:33893414-33893456,33893529-33893533	Midgut	1	2
48	JHU_Ag_7871	ADEGLISGWLFFR	108	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	residue overlap splice site,residue overlap splice site,residue overlap splice site	2L:+:27919001-27919038,27919122-27919122;2L:+:27919001-27919038,27919122-27919122;2L:+:27919001-27919038,27919122-27919122	Head	5	6
49	JHU_Ag_1515	ADGAEAFDDAVEER	117	AGAP003228-PA	Splice junction	2R:+:34050785-34050794,34050914-34050945	Ovary	1	2
50	JHU_Ag_72322	ADGAYEPVDFFSCER	51	AGAP011367-PA	Splice junction	3L:-:22026368-22026568,22025864-22026254	Larva	2	3
51	JHU_Ag_3825	ADGKTFTFLNK	61	AGAP010216-PA	Splice junction	3R:+:50847495-50847506,50847607-50847627	Malpighian tubule	2	3
52	JHU_Ag_26470	ADHALLIDCR	64	AGAP002914-PC	residue overlap splice site	2R:+:29293941-29293969,29299861-29299861	Malpighian tubule	4	5
53	JHU_Ag_62435	ADITYHDNKDGTVSVSYLPTAPGEYK	86	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	Splice junction,Splice junction,Splice junction	2R:+:54816340-54816345,54816450-54816521;2R:+:54816340-54816345,54816450-54816521;2R:+:54816340-54816345,54816450-54816521	Male reproductive organs	1	2
54	JHU_Ag_50599	ADKDNDGQVSVDEWCNMWDAYAK	160	AGAP004645-PA	Splice junction	2R:-:59016838-59016934,59013702-59013734	Malpighian tubule	3	4
55	JHU_Ag_62501	ADKGLVLGLYEQEIDTEEPR	77	AGAP007904-PA	Splice junction	3R:-:2606982-2607078,2606779-2606844	Malpighian tubule	1	2
56	JHU_Ag_36687	ADKPDTTPWDQLEQLVK	47	AGAP003774-PA	Splice junction	2R:-:43151342-43151348,43151026-43151200	Remaining organs	1	2
57	JHU_Ag_92317	ADLSVQVIQLSERLEEAEGGAEGQLEINR	73	AGAP004877-PA	Splice junction	2L:+:4855504-4855575,4855660-4855674	Malpighian tubule	3	4
58	JHU_Ag_108177	ADNSSSLDAQFVSQSNSFATKLYQR	123	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183	Malpighian tubule	1	2
59	JHU_Ag_14842	ADQQNIR	51	AGAP009998-PA	Splice junction	3R:+:47431969-47431977,47432460-47432471	Ovary	1	2
60	JHU_Ag_94666	ADQQNIRAFQK	69	AGAP009998-PA	Splice junction	3R:+:47431969-47431977,47432460-47432483	Malpighian tubule	1	2
61	JHU_Ag_71285	ADQVVVMKR	53	AGAP003167-PA	Splice junction	2R:-:33498143-33500241,33497917-33498043	Malpighian tubule	6	7
62	JHU_Ag_28125	ADRDEASPYAAMLAAQDVAEK	119	AGAP000655-PA	Splice junction	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	Midgut	1	2
63	JHU_Ag_3725	ADSKNDDLATAILK	56	AGAP005630-PA	Splice junction	2L:-:18014672-18014675,18013538-18013613	Pupa	1	2

64	JHU_Ag_80251	ADVEEVIASYR	80	AGAP013481-PA	Splice junction	2R:+:20941115-20941130,20943554-20943570	Remaining organs	7	8
65	JHU_Ag_19086	ADVEEVKETETK	83	AGAP013481-PE	Splice junction	2R:+:20941115-20941130,20945288-20945307	Head	6	7
66	JHU_Ag_303	ADVEEVNTK	52	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG	Splice junction,Splice junction,Splice junction	2R:+:20941115-20941130,20942598-20942608;2R:+:20941115-20941130,20942598-20942608;2R:+:20941115-20941130,20942598-20942608	Remaining organs	5	6
67	JHU_Ag_43746	AEDDAIFDPSLMK	60	AGAP007218-PA	Splice junction	2L:+:44381530-44381544,44381853-44381876	Ovary	1	2
68	JHU_Ag_12160	AEDDAIFDPSLMKK	51	AGAP007218-PA	Splice junction	2L:+:44381530-44381544,44381853-44381879	Ovary	1	2
69	JHU_Ag_22266	AEEALYAASR	64	AGAP007629-PB	Splice junction	2L:+:48482155-48482163,48482243-48482263	Pupa	6	7
70	JHU_Ag_5375	AEEEQMPIIPVKEPLDLIR	43	AGAP013519-PA	Splice junction	2R:-:5859270-5859273,5859068-5859134	Midgut	1	2
71	JHU_Ag_11467	AEEVYNALPCETK	75	AGAP003769-PA	Splice junction	2R:-:43133754-43133832,43130068-43132625	Head	1	2
72	JHU_Ag_95824	AEGEMITQEDTIFIQGMTPETTEEEIAER	154	AGAP001645-PA	Splice junction	2R:+:7268774-7268774,7270295-7270380	Ovary	4	5
73	JHU_Ag_55727	AEHDRANMYNELNNTR	62	AGAP010147-PD,AGAP010147-PJ	Splice junction,Splice junction	3R:+:49476842-49476889;3R:+:49476842-49476889	Malpighian tubule	12	13
74	JHU_Ag_94251	AEITPGFTNNR	44	AGAP013511-PB	residue overlap splice site	2R:+:36320730-36320762	Head	2	3
75	JHU_Ag_47052	AELACVYSALILVDDDVAVTDEK	116	AGAP007740-PA	Splice junction	3R:+:173080-173139,173465-173473	Salivary gland	1	2
76	JHU_Ag_44271	AEPINLTCLQDFVVNASPEYVPYSLLALK	188	AGAP005418-PA	Splice junction	2L:-:15362213-15362384,15361892-15362055	Ovary	2	3
77	JHU_Ag_66296	AETYENCFYIHEEK	65	AGAP002828-PA	Splice junction	2R:+:28062153-28062169,28062230-28062254	Midgut	7	8
78	JHU_Ag_34974	AEVEGVVPIPTGDSEDIIPEIVK	40	AGAP003331-PB,AGAP003331-PA	Splice junction,Splice junction	2R:-:36117193-36117313,36116922-36117026;2R:-:36117193-36117313,36116922-36117026	Head	2	3
79	JHU_Ag_2826	AEVGDVFAK	47	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	residue overlap splice site,residue overlap splice site,residue overlap splice site	2R:+:53208162-53208188;2R:+:53208162-53208188;2R:+:53208162-53208188	Ovary	2	3
80	JHU_Ag_68367	AEVGDVFAKIDVNGDGAHPLYK	101	AGAP004247-PA,AGAP004247-PC	Splice junction,Splice junction	2R:+:53208162-53208188,53208556-53208594;2R:+:53208162-53208188,53208556-53208594	Malpighian tubule	2	3
81	JHU_Ag_67591	AFADGKPVDATQELIAIGVSNIANSFVQGYPGTGALSR	36	AGAP012302-PA	Splice junction	3L:-:39929833-39930607,39928958-39929645	Midgut	4	5
82	JHU_Ag_56003	AFAGDPEDCLTLSIYSSDLAAK	51	AGAP010917-PA	Splice junction	3L:+:12934336-12934389,12934456-12934467	Ovary	2	3
83	JHU_Ag_41057	AFFQGLTIK	67	AGAP002892-PA	Splice junction	2R:-:28976524-28977019,28975784-28975915	Ovary	1	2
84	JHU_Ag_61289	AFGYTCDVTNR	72	AGAP012953-PA	Splice junction	X:-:5011381-5011679,5011103-5011262	Midgut	2	3
85	JHU_Ag_17521	AFIGEVK	39	AGAP005108-PA,AGAP005108-PB	Splice junction,Splice junction	2L:+:10200441-10200455,10201204-10201209;2L:+:10200441-10200455,10201204-10201209	Ovary	3	4
86	JHU_Ag_35647	AFNGPVLIASSQGGVNIEEVAAENPDAIVYEPIDINK	57	AGAP004744-PA	Splice junction	2L:+:3023257-3023265,3023341-3023442	Head	4	5
87	JHU_Ag_106537	AFNGPVLIASSQGGVNIEEVAAENPDAIVYEPIDINKGLQK	113	AGAP004744-PA	Splice junction	2L:+:3023257-3023265,3023341-3023454	Malpighian tubule	4	5
88	JHU_Ag_90936	AFSYGILELIQK	87	AGAP008324-PA	Splice junction	3R:+:9139844-9139868,9139946-9139956	Ovary	6	7
89	JHU_Ag_24517	AFVQLLANPIVGPLTHK	94	AGAP004476-PA	residue overlap splice site	2R:+:56779322-56779371,56779462-56779462	Head	3	4
90	JHU_Ag_9657	AFYGPGGTYAAFGGR	98	AGAP000767-PA	Splice junction	X:-:13824192-13824507,13820442-13820566	Head	1	2
91	JHU_Ag_36513	AGANPFQSLLK	43	AGAP007258-PA	Splice junction	2L:-:44760846-44760849,44760195-44760256	Head	1	2
92	JHU_Ag_25265	AGATCIGVIEHDGSIFNPQGIDPK	123	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	Salivary gland	2	3

93	JHU_Ag_29561	AGDVLADAPAK	60	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	Splice junction,Splice junction,Splice junction,Splice junction	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	Male reproductive organs	3	4
94	JHU_Ag_67766	AGEAIGDGFEAAVNAGKK	70	AGAP011478-PA	residue overlap splice site	3L:-:25038978-25038925	Malpighian tubule	4	5
95	JHU_Ag_24799	AGEGACNGDSGGPLVYEGK	87	AGAP006710-PA,AGAP006711-PA	Splice junction,Splice junction	2L:-:37122465-37122838,37122230-37122344;2L:+:37127890-37127910,37127976-37128011	Malpighian tubule	2	3
96	JHU_Ag_16188	AGEGQDFYIER	91	AGAP000720-PB,AGAP000720-PA	Splice junction,Splice junction	X:+:13115047-13115063,13115152-13115167;X:+:13115047-13115063,13115152-13115167	Malpighian tubule	3	4
97	JHU_Ag_25409	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	169	AGAP012167-PA	Splice junction	3L:+:38257268-38257360,38259847-38259855	Head	3	4
98	JHU_Ag_29662	AGFNPVDMVEEDAADLQFPK	59	AGAP001228-PB	residue overlap splice site	2R:-:1652882-1652823;2R:-:1652882-1652823	Ovary	1	2
99	JHU_Ag_76319	AGGAGAQGQNLKLGFVAGVILR	51	AGAP003711-PC,AGAP003711-PD	Splice junction,Splice junction	2R:+:42294255-42294295,42298458-42298482;2R:+:42294255-42294295,42298458-42298482	Malpighian tubule	3	4
100	JHU_Ag_116767	AGGIETIANDYSLRATPSFVAFAGR	93	AGAP010331-PA	Splice junction	3L:+:1237524-1237573,1241113-1241137	Malpighian tubule	1	2
101	JHU_Ag_1251	AGITINELGSEAYAATEIQLVNK	104	AGAP006911-PA	Splice junction	2L:+:39899396-39899444,39899516-39899535	Head	4	5
102	JHU_Ag_3595	AGLQFPVGR	54	AGAP000306-PA	Splice junction	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	Larva	2	3
103	JHU_Ag_76394	AGLQFPVGRIHR	50	AGAP000306-PA	Splice junction	UNKN:+:24533887-24533922;2R:+:46086417-46086452;X:+:5418625-5418636,5418964-5418987;2R:+:46056887-46056922	Malpighian tubule	2	3
104	JHU_Ag_19862	AGLSMQVVR	57	AGAP000852-PA	Splice junction	X:-:15730275-15730392,15729502-15729610	Malpighian tubule	2	3
105	JHU_Ag_93141	AGMITVGINPAYQVPELEYALQK	44	AGAP008557-PA	Splice junction	3R:-:12709027-12709141,12705582-12705749	Malpighian tubule	3	4
106	JHU_Ag_29939	AGMYLTIEPGCYFIEPLLNK	73	AGAP004775-PA	Splice junction	2L:-:3401592-3402259,3401307-3401447	Midgut	6	7
107	JHU_Ag_19956	AGQKPTDELTDCLR	84	AGAP012038-PA	Splice junction	3L:-:36815635-36815716,36811865-36812454	Male reproductive organs	1	2
108	JHU_Ag_10404	AGSAVDDFINQLLPLIEK	120	AGAP004197-PA	Splice junction	2R:-:51678530-51678644,51677617-51677809	Ovary	3	4
109	JHU_Ag_92154	AGSAVDDFINQLLPLIEKGDVIIDGGNSEHQDSAR	107	AGAP004197-PA	Splice junction	2R:-:51678530-51678644,51677617-51677758	Pupa	3	4
110	JHU_Ag_675	AGSDSFDETGTHTNGTVVETGSSEYALDR	118	AGAP006380-PA	Splice junction	2L:-:30937735-30937736,30937243-30937582	Midgut	3	4
111	JHU_Ag_55029	AGSFMSEALIKDIPTR	116	AGAP000378-PA	residue overlap splice site	X:+:6882854-6882900,6891539-6891539	Malpighian tubule	3	4
112	JHU_Ag_16104	AGTLYTYPENFR	70	AGAP000883-PA	Splice junction	X:-:16714955-16714958,16713303-16714548	Salivary gland	1	2
113	JHU_Ag_41702	AGTLYTYPENFRAYK	86	AGAP000883-PA	Splice junction	X:-:16714955-16714958,16713303-16714539	Malpighian tubule	1	2
114	JHU_Ag_3521	AGTTLDEQVSEAADMLFVLFGCEILK	58	AGAP011800-PA	Splice junction	3L:-:33332419-33332535,33331569-33332274	Ovary	2	3
115	JHU_Ag_3325	AGVIEKELEEGAK	91	AGAP000901-PA	Splice junction	X:-:17036170-17036473,17035903-17035984	Remaining organs	1	2
116	JHU_Ag_92149	AGVYPEKDTPANGDETEAEESGGESGPTGQSLDPQLER	46	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31193795-31193867,31192160-31192322;2R:-:31193795-31193867,31192160-31192322	Head	9	10
117	JHU_Ag_1447	AGYNRPAYVAFGLSSDAK	79	AGAP005170-PA	Splice junction	2L:-:11286748-11287489,11286523-11286628	Salivary gland	1	2
118	JHU_Ag_76504	AHDFYPGTTER	44	AGAP002896-PA	Splice junction	2R:-:29004986-29005105,29003123-29003750	Head	2	3
119	JHU_Ag_32870	AHEEFR	31	AGAP012113-PA	Splice junction	3L:-:37765820-37765958,37765232-37765727	Malpighian tubule	2	3
120	JHU_Ag_4768	AHIDLTELAGVIVAQNYVGSVLK	108	AGAP003476-PA	Splice junction	2R:-:38185328-38185415,38184548-38185178	Salivary gland	2	3
121	JHU_Ag_33606	AHNYIVTAQKPTAVTACVTGNFTSPTDLNLIVAK	32	AGAP002472-PA	Splice junction	2R:+:21846636-21846693,21847007-21847050	Malpighian tubule	1	2
122	JHU_Ag_86892	AHPGAVQLLGEPIKDLSFDYGEESR	52	AGAP006140-PA	Splice junction	2L:+:27091379-27091388,27091469-27091533	Head	1	2
123	JHU_Ag_6540	AHSIQIIK	37	AGAP012284-PA	Splice junction	3L:+:39779623-39779637,39779719-39779727	Larva	2	3
124	JHU_Ag_32787	AHSIQIIKVESIAASK	112	AGAP012284-PA	Splice junction	3L:+:39779623-39779637,39779719-39779751	Malpighian tubule	2	3
125	JHU_Ag_27653	AHYFLFNAGTAPVVPFMPTLVR	54	AGAP005188-PA	Splice junction	2L:+:12143570-12143594,12144108-12144148	Larva	1	2
126	JHU_Ag_38928	AIAAQDVLQEDEAADGALR	104	AGAP004283-PA	Splice junction	2R:-:53871883-53871991,53867369-53867387	Midgut	4	5

127	JHU_Ag_44729	AIADIITQGYSTVDLHELDISR	78	AGAP004715-PA	Splice junction	2L:+:2617098-2617122,2618761-2618801	Malpighian tubule	3	4
128	JHU_Ag_30910	AIAGLNLQIAHKPDEVEIFR	90	AGAP004824-PA	Splice junction	2L:-:3979357-3980503,3979094-3979226	Malpighian tubule	3	4
129	JHU_Ag_53614	AIAIVKPGER	41	AGAP003700-PA	Splice junction	2R:+:42133784-42133800,42133872-42133884	Pupa	2	3
130	JHU_Ag_90141	AIEHAEEILR	83	AGAP009625-PA	residue overlap splice site	3R:+:37165248-37165277	Malpighian tubule	1	2
131	JHU_Ag_25591	AIEQLGGLELENDYPYEAK	118	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	Splice junction,Splice junction,Splice junction	2R:-:28577408-28577352;2R:-:28577408-28577352;2R:-:28577408-28577352	Malpighian tubule	6	7
132	JHU_Ag_94200	AIESDHK	31	AGAP006590-PC,AGAP006590-PA	Splice junction,Splice junction	2L:-:34302731-34303131,34301200-34301803;2L:-:34302731-34303131,34301200-34301803;2L:-:34302731-34303131,34301200-34301803;2L:-:34302731-34303131,34301200-34301803	Head	4	5
133	JHU_Ag_70012	AIETGLVDPMQGGETTVGEFVSK	170	AGAP009265-PA	Splice junction	3R:+:30098657-30098678,30098767-30098813	Malpighian tubule	1	2
134	JHU_Ag_833	AIETNAPENSHFIYVDVGDRPTWK	93	AGAP003178-PA	Splice junction	2R:-:33578673-33578693,33578378-33578525	Malpighian tubule	2	3
135	JHU_Ag_3962	AIFDSFPSDPANDFNVQMAK	61	AGAP012248-PA	Splice junction	3L:-:39300240-39301317,39298910-39300102	Salivary gland	1	2
136	JHU_Ag_47020	AIGNATSYNAIHSYR	106	AGAP005425-PA	Splice junction	2L:-:15387114-15387400,15386239-15386311	Malpighian tubule	8	9
137	JHU_Ag_50561	AIGNATSYNAIHSYRSPPKPGYGFK	43	AGAP005425-PA	Splice junction	2L:-:15387114-15387400,15386239-15386281	Malpighian tubule	8	9
138	JHU_Ag_61416	AIGNQIR	40	AGAP000442-PA	Splice junction	X:-:7793981-7794122,7793684-7793894	Salivary gland	1	2
139	JHU_Ag_38121	AIGSGSEGAQQNLQEYYLPTMTIK	124	AGAP008816-PA	Splice junction	3R:+:18293544-18293585,18293664-18293693	Ovary	2	3
140	JHU_Ag_24009	AIHLSYEDNLK	37	AGAP003185-PA	residue overlap splice site	2R:+:33630875-33630907	Head	2	3
141	JHU_Ag_771	AILGLDIEQYR	95	AGAP004437-PB,AGAP004437-PC	Splice junction,Splice junction	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	Pupa	2	3
142	JHU_Ag_8968	AILGLDIEQYRMVK	39	AGAP004437-PB,AGAP004437-PC	Splice junction,Splice junction	2R:+:56002056-56002067,56002139-56002168;2R:+:56002056-56002067,56002139-56002168	Malpighian tubule	2	3
143	JHU_Ag_87376	AILGTLTVEEVYK	50	AGAP003789-PA	Splice junction	2R:+:43316800-43316809,43322055-43322083	Head	3	4
144	JHU_Ag_5877	AIMTYVSCYYHAFQGAQQAETAANR	40	AGAP001497-PB	Splice junction	2R:-:5650245-5650277,5648606-5648678	Pupa	5	6
145	JHU_Ag_12361	AINDLTDSYGQEWTYR	118	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	Ovary	7	8
146	JHU_Ag_23833	AINDLTDSYGQEWTYRDR	62	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684	Malpighian tubule	7	8
147	JHU_Ag_37010	AINGTENASCTAQLIVETLTPEQR	73	AGAP005471-PA	Splice junction	2L:+:16042043-16042097,16042169-16042185	Remaining organs	11	12
148	JHU_Ag_91831	AISLPELDEIR	64	AGAP003775-PA	Splice junction	2R:+:43152934-43152951,43153039-43153053	Remaining organs	3	4
149	JHU_Ag_33253	AITASDPRPRPYVTKEELYSNLTK	40	AGAP006686-PA	Splice junction	2L:+:36701323-36701382,36701460-36701471	Head	4	5
150	JHU_Ag_5901	AITLLDACVNNCGK	59	AGAP008494-PA	Splice junction	3R:+:11326522-11326530,11326597-11326629	Male reproductive organs	2	3
151	JHU_Ag_64010	AITTVLGDPSYTANVK	93	AGAP006222-PA	Splice junction	2L:+:28525762-28525790,28525850-28525868	Malpighian tubule	4	5
152	JHU_Ag_19856	AIVDCGFEHPSEVQHECIPQAVLGMDILCQAK	74	AGAP009075-PA	Splice junction	3R:+:25435848-25435884,25436136-25436194	Ovary	1	2
153	JHU_Ag_8879	AIYPVTLIR	32	AGAP010870-PA	residue overlap splice site	3L:-:12292530-12292583,12292163-12292432	Head	5	6
154	JHU_Ag_16047	AKAETYENCFYIHEEK	36	AGAP002828-PA	Splice junction	2R:+:28062147-28062169,28062230-28062254	Midgut	7	8
155	JHU_Ag_54480	AKANGLAAQAK	75	AGAP002564-PA	Splice junction	2R:+:22881084-22881089,22883458-22883484	Malpighian tubule	4	5
156	JHU_Ag_28987	AKANSDAALGK	76	AGAP002564-PB	Splice junction	2R:+:22881084-22881089,22891412-22891438	Remaining organs	4	5
157	JHU_Ag_462	AKDIVNEQQSVDEIADLWR	84	AGAP004528-PA	Splice junction	2R:-:57393721-57393901,57393479-57393590	Midgut	1	2

158	JHU_Ag_2308	AKEVGVGWVCAK	48	AGAP006576-PA,AGAP006576-PC	residue overlap splice site,residue overlap splice site	2L:-:34222280-34222245;2L:-:34222280-34222245	Midgut	2	3
159	JHU_Ag_72377	AKGLEQIPGGDVK	62	AGAP004870-PA	Splice junction	2L:+:4692901-4692915,4693165-4693188	Malpighian tubule	1	2
160	JHU_Ag_28355	AKLVIIANNTPHLR	68	AGAP003816-PA	Splice junction	2R:-:43730342-43730447,43729787-43729970	Malpighian tubule	2	3
161	JHU_Ag_98702	AKPAQLLTIEPANELKFQGPFR	196	AGAP000626-PA	Splice junction	X:-:11278509-11278512,11276504-11276646	Malpighian tubule	1	2
162	JHU_Ag_28418	AKVESILDDINLDNIESR	57	AGAP009600-PA	Splice junction	3R:-:36943245-36943324,36940286-36943127	Ovary	2	3
163	JHU_Ag_3201	AKVVATTPNVR	66	AGAP005621-PA	Splice junction	2L:-:17934148-17934292,17933861-17934035	Remaining organs	2	3
164	JHU_Ag_44122	AKYDELETELLAFK	81	AGAP011662-PA	Splice junction	3L:-:31052618-31052738,31051521-31051886	Head	1	2
165	JHU_Ag_86012	ALAEAIQEATAMNPDMTVEK	84	AGAP012185-PA	Splice junction	3L:+:38512792-38512812,38514589-38514627	Head	12	13
166	JHU_Ag_114378	ALAGNSHDCPNCVEESSAPPR	33	AGAP005332-PB	Splice junction	2L:+:14222865-14222886,14230361-14230401	Head	1	2
167	JHU_Ag_13731	ALAPYNQAIVADR	81	AGAP005327-PA	Splice junction	2L:+:14114749-14114765,14114833-14114854	Head	1	2
168	JHU_Ag_82654	ALDELYHLIATR	75	AGAP008018-PA	Splice junction	3R:+:4319923-4319942,4320002-4320017	Malpighian tubule	5	6
169	JHU_Ag_45763	ALDFVRPDGTGDYHK	52	AGAP008284-PA	Splice junction	3R:-:8563231-8563357,8562844-8563111	Remaining organs	2	3
170	JHU_Ag_65420	ALDFVYEDGRGDYHK	64	AGAP008281-PA	Splice junction	3R:-:8558618-8558744,8558236-8558503	Remaining organs	2	3
171	JHU_Ag_9451	ALENANELLVR	69	AGAP002914-PC	Splice junction	2R:+:29300042-29300042,29300162-29300193	Malpighian tubule	5	6
172	JHU_Ag_80852	ALENANELLVRR	40	AGAP002914-PC	Splice junction	2R:+:29300042-29300042,29300162-29300196	Ovary	5	6
173	JHU_Ag_33361	ALEPTIDVGHMLVSDPNYYDEEQMKADR	58	AGAP006808-PA	Splice junction	2L:-:38683134-38683209,38682493-38682970	Ovary	1	2
174	JHU_Ag_39076	ALESAPEKSHFITVEIERPFWK	52	AGAP009738-PA	Splice junction	3R:+:42055794-42055852,42055955-42055961	Malpighian tubule	2	3
175	JHU_Ag_6353	ALFDYDPNRDDGLPTR	35	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	Splice junction,Splice junction,Splice junction	X:-:4825239-4825192;X:-:4825239-4825192;X:-:4825239-4825192	Malpighian tubule	9	10
176	JHU_Ag_33503	ALFICLGNICR	60	AGAP004079-PA	Splice junction	2R:-:49511847-49511865,49511074-49511509	Remaining organs	1	2
177	JHU_Ag_62853	ALGPYVEFSIDFGK	61	AGAP009823-PA	Splice junction	3R:+:43814881-43814922	Larva	4	5
178	JHU_Ag_24710	ALGVGMVLR	61	AGAP013189-PA	Splice junction	2R:+:36147835-36147841,36151701-36151720	Head	1	2
179	JHU_Ag_25453	ALGVGMVLRK	32	AGAP013189-PA	Splice junction	2R:+:36147835-36147841,36151701-36151723	Head	1	2
180	JHU_Ag_51790	ALGWGGGYTDEPIGK	89	AGAP000519-PA	Splice junction	X:+:9254433-9254450,9256203-9256229	Head	6	7
181	JHU_Ag_49207	ALICLVDKK	49	AGAP009310-PA	Splice junction	3R:+:31162164-31162190	Salivary gland	6	7
182	JHU_Ag_104650	ALITTHHMLAYGNER	105	AGAP010087-PA	Splice junction	3R:+:48690221-48690262,48690349-48690351	Head	2	3
183	JHU_Ag_103519	ALKEQGYESDSTLVFR	48	AGAP007717-PB,AGAP007717-PC	Splice junction,Splice junction	2L:-:49223428-49223381;2L:-:49223428-49223381;2L:-:49223428-49223381	Malpighian tubule	11	12
184	JHU_Ag_37854	ALKLLVGQK	57	AGAP003023-PA	Splice junction	2R:-:31230175-31230178,31229222-31229367	Malpighian tubule	1	2
185	JHU_Ag_68398	ALKQDLALSR	47	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	Splice junction,Splice junction,Splice junction	X:+:10002334-10002363;X:+:10002334-10002363;X:+:10002334-10002363	Salivary gland	6	7
186	JHU_Ag_16098	ALLDHDIDFEQMSYPDEAHSLSGVQR	60	AGAP008176-PA	Splice junction	3R:-:6391221-6391391,6391001-6391049	Larva	6	7
187	JHU_Ag_14353	ALLLLEYLIK	64	AGAP007396-PA,AGAP007396-PC	Splice junction,Splice junction	2L:+:46308007-46308012,46308126-46308149;2L:+:46308007-46308012,46308126-46308149	Salivary gland	1	2
188	JHU_Ag_35498	ALLPFDQMTMEDFKDSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	123	AGAP011131-PA	Splice junction	3L:+:17689998-17690054,17690133-17690222	Remaining organs	2	3
189	JHU_Ag_54887	ALNGTVGYLIDGYPR	110	AGAP009317-PA,AGAP009317-PB	Splice junction,Splice junction	3R:-:31244555-31244795,31244358-31244433;3R:-:31244555-31244795,31244358-31244433	Remaining organs	2	3
190	JHU_Ag_7351	ALNLDECYEHVLGLVETAGSLIASR	134	AGAP006570-PA	Splice junction	2L:+:34169204-34169263,34169338-34169352	Ovary	1	2
191	JHU_Ag_56735	ALPEGTEIKDGER	47	AGAP004798-PA	Splice junction	2L:-:3643490-3643611,3642324-3642398	Malpighian tubule	4	5
192	JHU_Ag_6791	ALQDFSAVLEIEPENK	55	AGAP009347-PB,AGAP009347-PA	Splice junction,Splice junction	3R:-:31575723-31575813,31575490-31575601;3R:-:31575723-31575813,31575490-31575601	Pupa	2	3
193	JHU_Ag_111915	ALQGDDLR	44	AGAP008863-PA	Splice junction	3R:-:19886004-19886230,19885758-19885895	Salivary gland	6	7
194	JHU_Ag_10479	ALQNAESEVAALNR	126	AGAP001797-PE	Splice junction	2R:+:10546084-10546095,10563021-10563050	Remaining organs	1	2

195	JHU_Ag_2335	ALQNAESEVAALNRR	43	AGAP001797-PE	Splice junction	2R:+:10546084-10546095,10563021-10563053	Midgut	1	2
196	JHU_Ag_72822	ALQTVAAGK	47	AGAP011798-PA	residue overlap splice site	3L:-:33318580-33318713,33318231-33318486	Malpighian tubule	6	7
197	JHU_Ag_112560	ALQTVAAGKLR	51	AGAP011798-PA	Splice junction	3L:-:33318580-33318713,33318231-33318480	Malpighian tubule	6	7
198	JHU_Ag_110923	ALRVFVESVLR	62	AGAP005845-PA	residue overlap splice site	2L:-:22427994-22428060,22427755-22427890	Malpighian tubule	6	7
199	JHU_Ag_94771	ALSDADVQKQIK	88	AGAP002401-PA	Splice junction	2R:+:20955884-20955913,20956740-20956745	Malpighian tubule	1	2
200	JHU_Ag_45457	ALSETVDIYTDYIGDGEADDMNDEKSHAR	84	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	Splice junction,Splice junction,Splice junction	X:+:5693696-5693760,5693830-5693851;X:+:5693696-5693760,5693830-5693851;X:+:5693696-5693760,5693830-5693851	Malpighian tubule	6	7
201	JHU_Ag_20060	ALSGQCGFMAANMYAR	67	AGAP001399-PA	residue overlap splice site	2R:-:4186855-4187082,4186626-4186731	Malpighian tubule	4	5
202	JHU_Ag_76260	ALSVQVHPDKTEAEK	32	AGAP000053-PA	Splice junction	X:-:843808-844087,842797-843697	Head	1	2
203	JHU_Ag_74606	ALTDAVIAPHLVWSAGR	76	AGAP002100-PA	Splice junction	2R:+:15336252-15336264,15336339-15336376	Male reproductive organs	5	6
204	JHU_Ag_81929	ALTQTTIDEVFLPHDVQR	100	AGAP010491-PA	Splice junction	3L:-:5028973-5029492,5028346-5028849	Ovary	4	5
205	JHU_Ag_101230	ALVAAFTCHDQGASSLAYAPQHQLLISAGK	44	AGAP010490-PA	Splice junction	3L:+:5024392-5024404,5024483-5024559	Head	16	17
206	JHU_Ag_61744	ALVEGVDSNRPHR	44	AGAP003735-PA	Splice junction	2R:+:42734094-42734123,42734203-42734211	Head	5	6
207	JHU_Ag_30354	ALVHTLER	50	AGAP000203-PA	Splice junction	X:-:3368963-3369113,3368776-3368863	Head	4	5
208	JHU_Ag_22493	ALVQGFFMQVAHLER	42	AGAP011149-PA	Splice junction	3L:+:17984005-17984031,17984106-17984123	Ovary	4	5
209	JHU_Ag_72328	ALYSGIWPAVLR	40	AGAP011839-PA	Splice junction	3L:-:33926803-33926937,33925597-33925992	Male reproductive organs	2	3
210	JHU_Ag_105922	AMGIQQDLNDQSPAVVIPGAAHCADLSSITAQDSAEMR	73	AGAP001240-PA	Splice junction	2R:+:1884410-1884464,1884549-1884607	Midgut	6	7
211	JHU_Ag_59443	AMGPVQLGFVAGVILR	115	AGAP003711-PA	Splice junction	2R:+:42296337-42296359,42298458-42298482	Malpighian tubule	3	4
212	JHU_Ag_54600	AMGPVQLGFVAGVILRER	46	AGAP003711-PA	Splice junction	2R:+:42296337-42296359,42298458-42298488	Malpighian tubule	3	4
213	JHU_Ag_2006	AMLDSNVSTVDR	77	AGAP010164-PB,AGAP010164-PA	Splice junction,Splice junction	3R:+:49790323-49790346,49790435-49790446;3R:+:49790323-49790346,49790435-49790446	Midgut	9	10
214	JHU_Ag_68066	AMLQMIQQLQSDFER	115	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31195037-31195633,31194585-31194897;2R:-:31195037-31195633,31194585-31194897	Head	4	5
215	JHU_Ag_50028	ANDENTNILYHPPEYEGPILFSFR	51	AGAP005082-PA	Splice junction	2L:+:9776025-9776096	Midgut	16	17
216	JHU_Ag_6923	ANDLKDVEIEK	91	AGAP001569-PA,AGAP001569-PB	Splice junction,Splice junction	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	Remaining organs	2	3
217	JHU_Ag_1852	ANDVQFIFFPECCDYVGTHRDETLK	53	AGAP012379-PA	Splice junction	3L:-:41350241-41350424,41349793-41350108	Head	1	2
218	JHU_Ag_96235	ANEFIDVGK	69	AGAP002340-PA	Splice junction	2R:+:20284591-20284597,20284768-20284787	Salivary gland	1	2
219	JHU_Ag_20406	ANEFIDVGKK	51	AGAP002340-PA	Splice junction	2R:+:20284591-20284597,20284768-20284790	Ovary	1	2
220	JHU_Ag_71139	ANFDQEINTAK	75	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	Splice junction,Splice junction,Splice junction	UNKN:+:14534315-14534344,14534438-14534440;2R:+:43322378-43322407,43322501-43322503;2R:+:43322378-43322407,43322501-43322503	Malpighian tubule	1	2
221	JHU_Ag_718	ANFDQEINTAKAESQLAYELQAAK	130	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	Splice junction,Splice junction,Splice junction	UNKN:+:14534315-14534344,14534438-14534479;2R:+:43322378-43322407,43322501-43322542;2R:+:43322378-43322407,43322501-43322542	Malpighian tubule	1	2
222	JHU_Ag_61282	ANFEDDPHAEMLNLLGYQADDTANK	100	AGAP011551-PA	Splice junction	3L:+:27211962-27212007,27212087-27212115	Salivary gland	2	3
223	JHU_Ag_35802	ANGNVMK	40	AGAP007612-PA	Splice junction	2L:-:48257258-48257483,48256942-48257165	Midgut	3	4
224	JHU_Ag_61019	ANIELETEDK	63	AGAP009604-PA	Splice junction	3R:+:36972675-36972684,36975828-36975847	Head	1	2
225	JHU_Ag_28162	ANIELETEDKLEYR	109	AGAP009604-PA	Splice junction	3R:+:36972675-36972684,36975828-36975859	Malpighian tubule	1	2
226	JHU_Ag_77529	ANIFVPTLEQK	57	AGAP005305-PA	Splice junction	2L:+:13904164-13904164,13904244-13904275	Head	6	7
227	JHU_Ag_102227	ANITLEAQIHQIHK	30	AGAP011328-PA	residue overlap splice site	3L:+:21115638-21115679	Ovary	2	3

228	JHU_Ag_38924	ANLSIVNNVTNGSANANGHTSAQSVLPSPR	105	AGAP005076-PA	Splice junction	2L:+:9687940-9687994,9689438-9689472	Head	6	7
229	JHU_Ag_56905	ANLSIVNNVTNGSANANGR	82	AGAP005076-PD	Splice junction	2L:+:9687940-9687994,9691898-9691899;2L:+:9687940-9687994,9691898-9691899	Male reproductive organs	4	5
230	JHU_Ag_45959	ANPDKVTLTPAELAR	66	AGAP004768-PB	Splice junction	2L:-:3322382-3322463,3289799-3289831	Ovary	1	2
231	JHU_Ag_28229	ANQREEEYK	35	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	Splice junction,Splice junction,Splice junction	2R:+:10574063-10574089;2R:+:10574063-10574089;2R:+:10574063-10574089	Remaining organs	5	6
232	JHU_Ag_60389	ANQVLHIIANILQLQGVQGNILHRDPDER	72	AGAP002300-PA,AGAP002300-PB	Splice junction,Splice junction	2R:+:19037564-19037631,19037729-19037747;2R:+:19037564-19037631,19037729-19037747	Ovary	2	3
233	JHU_Ag_11600	ANSISNTPPTFIIYVMGR	95	AGAP004598-PA	Splice junction	2R:-:58258648-58258783,58258064-58258421	Pupa	3	4
234	JHU_Ag_32501	ANVCEPLTLAK	44	AGAP005858-PA	residue overlap splice site	2L:-:22635647-22635615	Head	1	2
235	JHU_Ag_31610	ANVLLSEAEKTYILHGIQK	111	AGAP010483-PA	Splice junction	3L:-:4267581-4267584,4266604-4267456	Malpighian tubule	1	2
236	JHU_Ag_93977	APCEELPHLSMDEEYTINIDDFQAR	79	AGAP010056-PA	Splice junction	3R:+:48472426-48472468,48472552-48472583	Midgut	4	5
237	JHU_Ag_9198	APDTDRQHIVPNCVPVK	35	AGAP006962-PA	Splice junction	2L:+:40275328-40275361,40275425-40275441	Salivary gland	1	2
238	JHU_Ag_25324	APFHLAGSGLNGTPALIEIGGPPYLLPVVDR	62	AGAP006729-PA	Splice junction	2L:-:37299537-37299611,37298660-37299380	Malpighian tubule	2	3
239	JHU_Ag_19338	APFPLTLIHINDLHAR	131	AGAP011026-PA	Splice junction	3L:-:14586008-14586101,14585667-14585892	Salivary gland	1	2
240	JHU_Ag_14316	APGGQEPLPEGLFWLLITGDVPSK	68	AGAP012048-PA	Splice junction	3L:+:36867335-36867341,36867949-36868013	Remaining organs	3	4
241	JHU_Ag_85584	APGGQEPLPEGLFWLLITGDVPSKAQVDALSR	166	AGAP012048-PA	Splice junction	3L:+:36867335-36867341,36867949-36868037	Malpighian tubule	3	4
242	JHU_Ag_107641	APGQKIDYVVR	51	AGAP001064-PA	Splice junction	X:-:22319057-22319207,22318852-22318967	Malpighian tubule	1	2
243	JHU_Ag_358	APIHDTPSSACSCR	60	AGAP004571-PA	Splice junction	2R:+:57661934-57661973,57664020-57664021	Pupa	1	2
244	JHU_Ag_135	APIIGIAVVDSNGVPLEFQNVPGPAPHR	47	AGAP004483-PA	Splice junction	2R:+:56814385-56814417,56814504-56814554	Remaining organs	3	4
245	JHU_Ag_29730	APLFITHGIMGGHGIICAQGNLWR	114	AGAP004665-PA	Splice junction	2R:+:60687336-60687375,60700591-60700622	Male reproductive organs	1	2
246	JHU_Ag_19345	APLLITEEMVK	83	AGAP003167-PA	Splice junction	2R:-:33500407-33500853,33498135-33500217	Malpighian tubule	5	6
247	JHU_Ag_9534	APLNMVQNVLTPVIGLEWAHAVR	139	AGAP009602-PA	Splice junction	3R:+:36954080-36954121,36954217-36954243	Malpighian tubule	1	2
248	JHU_Ag_31271	APLNQENYEYDLVVIGGGSGGLACAK	132	AGAP000565-PC	Splice junction	X:+:10022233-10022245,10030507-10030571	Malpighian tubule	1	2
249	JHU_Ag_116250	APNKRPTVEECFDHR	60	AGAP005471-PA	Splice junction	2L:+:16056153-16056160,16056229-16056265	Remaining organs	28	29
250	JHU_Ag_90831	APQYSLKLLATTAK	49	AGAP009176-PA	Splice junction	3R:+:28149611-28149634,28149956-28149973	Malpighian tubule	5	6
251	JHU_Ag_86997	APTTGILEYPFDLDSIIFR	51	AGAP005079-PD,AGAP005079-PK,AGAP005079-PE,AGAP005079-PF	residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site	2L:+:9743708-9743763,9744527-9744527;2L:+:9743708-9743763,9744527-9744527;2L:+:9743708-9743763,9744527-9744527;2L:+:9743708-9743763,9744527-9744527	Head	4	5
252	JHU_Ag_94824	APVVQDPVDPCVPSPCGPNSVCR	45	AGAP010023-PA	Splice junction	3R:+:47888826-47888894	Salivary gland	10	11
253	JHU_Ag_21077	AQAGFAAEDDRTFMLPGSGTDNVR	107	AGAP008193-PA	Splice junction	3R:-:6560728-6561154,6560355-6560588	Malpighian tubule	2	3
254	JHU_Ag_68667	AQELSDQIEQLR	53	AGAP004801-PA	Splice junction	2L:+:3740899-3740905,3741204-3741232	Midgut	7	8
255	JHU_Ag_49517	AQGGGHEEQTFNEFYTEVK	84	AGAP005298-PA	Splice junction	2L:-:13808692-13808695,13808227-13808542	Ovary	1	2
256	JHU_Ag_82645	AQGYPYSFLFK	39	AGAP010010-PA	Splice junction	3R:-:47578473-47578616,47578358-47578361	Midgut	2	3
257	JHU_Ag_105558	AQKATDLASSLGFTNAR	92	AGAP013228-PA	Splice junction	2L:-:47267542-47267658,47267206-47267254	Malpighian tubule	2	3
258	JHU_Ag_43676	AQLPVYNPPSPFLGQLPSGLGLYR	36	AGAP004807-PA	Splice junction	2L:+:3780527-3780550,3780634-3780681	Midgut	1	2
259	JHU_Ag_72905	AQLSTGLQR	55	AGAP007742-PA	Splice junction	3R:+:176470-176495,176574-176574	Salivary gland	1	2
260	JHU_Ag_64600	AQNFQDVIVETANVK	76	AGAP013167-PA	Splice junction	2R:+:15145867-15145904,15145979-15145985	Head	2	3
261	JHU_Ag_26020	AQNFQDVIVETANVKDDLLR	92	AGAP013167-PA	Splice junction	2R:+:15145867-15145904,15145979-15146000	Ovary	2	3
262	JHU_Ag_768	AQQLQIFQKMLK	41	AGAP001243-PA	Splice junction	2R:+:1988326-1988349,1988412-1988423	Head	1	2
263	JHU_Ag_9391	AQQSLQLYGTTLHIDNAHDLNTTASEK	117	AGAP005609-PA,AGAP005609-PB	Splice junction,Splice junction	2L:+:17834863-17834895,17835268-17835315;2L:+:17834863-17834895,17835268-17835315	Head	3	4
264	JHU_Ag_109879	AQSGLVDLSADNICTIGQPGQAACTHDEAGPLVR	115	AGAP009828-PA	Splice junction	3R:-:43936247-43936724,43935962-43936082	Midgut	1	2
265	JHU_Ag_65159	AQSVNNGQSFICQHGPAECEGNR	65	AGAP002989-PA	Splice junction	2R:-:30633089-30633215,30632153-30632252	Head	2	3

266	JHU_Ag_102670	AQTTVANQSTLLPLELVDK	77	AGAP006604-PA	Splice junction	2L:-:34673336-34673339,34672997-34673180	Ovary	1	2
267	JHU_Ag_2563	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	169	AGAP013544-PA	Splice junction	2L:+:46191816-46191821,46191895-46191987	Male reproductive organs	2	3
268	JHU_Ag_26183	AQVYLDQFLAGTLAR	49	AGAP002055-PA	Splice junction	2R:+:14681334-14681354,14681441-14681464	Pupa	4	5
269	JHU_Ag_64136	ARDHLPTITVPTK	56	AGAP007082-PA	residue overlap splice site	2L:+:42270288-42270326	Head	2	3
270	JHU_Ag_2742	ASAITHK	43	AGAP008878-PA	Splice junction	3R:-:20240047-20240175,20239532-20239679	Head	2	3
271	JHU_Ag_34655	ASDFQTVINSWLDIIPPGHTPNWVLGNHDK	111	AGAP012400-PA	Splice junction	3L:+:41727067-41727138,41727222-41727239	Midgut	2	3
272	JHU_Ag_1066	ASDFQTVINSWLDIIPPGHTPNWVLGNHDKR	87	AGAP012400-PA	Splice junction	3L:+:41727067-41727138,41727222-41727242	Midgut	2	3
273	JHU_Ag_43008	ASEVEWDPTGRYVVTGTSGK	112	AGAP012140-PA	residue overlap splice site	3L:+:38009227-38009286	Malpighian tubule	2	3
274	JHU_Ag_75236	ASLANKGSTLVSTLMTQARPK	170	AGAP009491-PA	Splice junction	3R:+:34710856-34710892,34711055-34711080	Malpighian tubule	1	2
275	JHU_Ag_63879	ASLNPVWNETLIFDLKPEDK	106	AGAP012252-PA	Splice junction	3L:+:39388676-39388713,39388788-39388809	Head	7	8
276	JHU_Ag_13317	ASLNPVWNETLIFDLKPEDKDR	95	AGAP012252-PA	Splice junction	3L:+:39388676-39388713,39388788-39388815	Head	7	8
277	JHU_Ag_61346	ASLPDWVCLVQNESAFSTSATNK	78	AGAP007347-PA	Splice junction	2L:-:45981544-45981661,45981309-45981409	Head	1	2
278	JHU_Ag_107875	ASLPDWVCLVQNESAFSTSATNKNK	75	AGAP007347-PA	Splice junction	2L:-:45981544-45981661,45981309-45981403	Malpighian tubule	1	2
279	JHU_Ag_10599	ASLQKEDAVDALK	50	AGAP007629-PB	Splice junction	2L:+:48481915-48481953	Salivary gland	5	6
280	JHU_Ag_52225	ASLYKLYR	41	AGAP008653-PA	Splice junction	3R:+:14061989-14062011,14062143-14062143	Malpighian tubule	1	2
281	JHU_Ag_62714	ASNCSIEYALEAASLHPAR	76	AGAP002347-PA	Splice junction	2R:-:20504219-20504534,20503945-20504095	Ovary	4	5
282	JHU_Ag_76834	ASNEPVIEK	53	AGAP002619-PA	Splice junction	2R:+:24249247-24249256,24249331-24249347	Ovary	2	3
283	JHU_Ag_65106	ASNEPVIEKDGVVASN	70	AGAP002619-PA	Splice junction	2R:+:24249247-24249256,24249331-24249368	Malpighian tubule	2	3
284	JHU_Ag_25179	ASPVSSALEQYYNSPSYLEFEDAK	164	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	Splice junction,Splice junction,Splice junction	2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862	Head	3	4
285	JHU_Ag_27456	ASPVSSALEQYYNSPSYLEFEDAKSDIR	132	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	Splice junction,Splice junction,Splice junction	2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874	Male reproductive organs	3	4
286	JHU_Ag_97256	ASPYKLSLTVQFSAANVLSNAK	54	AGAP001826-PA	Splice junction	2R:-:11123336-11127295,11123129-11123207	Malpighian tubule	2	3
287	JHU_Ag_34962	ASSGGQHSLFLVQETPAATEK	125	AGAP003742-PA,AGAP003742-PB	Splice junction,Splice junction	2R:+:42817136-42817183,42817303-42817317;2R:+:42817136-42817183,42817303-42817317	Ovary	3	4
288	JHU_Ag_37222	ASSGGQHSLFLVQETPAATEKAPTK	110	AGAP003742-PA,AGAP003742-PB	Splice junction,Splice junction	2R:+:42817136-42817183,42817303-42817329;2R:+:42817136-42817183,42817303-42817329	Ovary	3	4
289	JHU_Ag_107849	ASSGIEGNPTVFYR	70	AGAP009725-PA	Splice junction	3R:+:41608055-41608059,41623157-41623193	Head	9	10
290	JHU_Ag_409	ASSGVVVPR	74	AGAP006937-PA	Splice junction	2L:-:40164938-40164941,40164214-40164346	Male reproductive organs	1	2
291	JHU_Ag_26759	ASSMTSGAIREESGEADDGGPR	91	AGAP002351-PA	Splice junction	2R:-:20535198-20537405,20534862-20535068	Malpighian tubule	2	3
292	JHU_Ag_113115	ASTSTPPSGGSSPAVQVPNAGGVSTGHMR	62	AGAP009317-PB	Splice junction	3R:-:31245170-31245224,31244521-31244790	Head	2	3
293	JHU_Ag_40663	ATALVVDSGATHTSAVPVHEGYVLSQAVVK	61	AGAP008687-PA	Splice junction	3R:+:14845839-14845895,14845975-14846007	Malpighian tubule	3	4
294	JHU_Ag_2323	ATCIGNNSAAAVSALK	137	AGAP004960-PA	Splice junction	2L:-:7196434-7196705,7196219-7196322	Head	3	4
295	JHU_Ag_8661	ATCIGNNSAAAVSALKQELSDSDISLVQAQDLAVK	63	AGAP004960-PA	Splice junction	2L:-:7196434-7196705,7196219-7196265	Head	3	4
296	JHU_Ag_77783	ATDAQIQAYVDTGEPLDK	67	AGAP008707-PA	Splice junction	3R:+:15821305-15821351,15821415-15821421	Midgut	3	4
297	JHU_Ag_68010	ATDLASSLGFTNAR	89	AGAP013228-PA	Splice junction	2L:-:47267533-47267658,47267206-47267254	Head	2	3
298	JHU_Ag_106855	ATFDAHNEKDEGDECSYPLDGFR	104	AGAP011747-PA	Splice junction	3L:-:32873902-32874049,32873639-32873762	Remaining organs	1	2
299	JHU_Ag_115074	ATGTGGGSVLVQAGSDLAEDSTEIK	98	AGAP009938-PA	Splice junction	3R:+:45708698-45708770,45709765-45709766	Head	2	3
300	JHU_Ag_6721	ATIIGLAAQAVGIAAQPVGFAAGLK	133	AGAP009254-PA	Splice junction	3R:-:29966238-29966330,29965972-29966079	Ovary	2	3
301	JHU_Ag_35734	ATILQELER	40	AGAP007562-PA	Splice junction	2L:+:47596248-47596262,47598392-47598403	Male reproductive organs	6	7

302	JHU_Ag_2857	ATKGELVTVALPGGEEK	110	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214	Midgut	1	2
303	JHU_Ag_41667	ATKGELVTVALPGGETK	83	AGAP010147-PJ	Splice junction	3R:+:49460681-49460725,49461628-49461633	Malpighian tubule	1	2
304	JHU_Ag_72643	ATLTQELAEQAK	65	AGAP010133-PA	residue overlap splice site	3R:+:49294907-49294942	Malpighian tubule	4	5
305	JHU_Ag_47365	ATPIDVLCDGHPEEFAK	47	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:47718520-47718534,47718625-47718660;2R:+:47718520-47718534,47718625-47718660;2R:+:47718520-47718534,47718625-47718660;2R:+:47718520-47718534,47718625-47718660	Midgut	5	6
306	JHU_Ag_79908	ATPLAGKLALVTGAGSGIGR	98	AGAP009633-PA	Splice junction	3R:-:37349605-37349608,37348850-37349442	Malpighian tubule	1	2
307	JHU_Ag_10152	ATPSFVAFAGR	39	AGAP010331-PA	Splice junction	3L:+:1237566-1237573,1241113-1241137	Head	1	2
308	JHU_Ag_3375	ATPVEQIAENAR	79	AGAP002518-PA	Splice junction	2R:-:22186993-22187953,22186640-22186877	Male reproductive organs	2	3
309	JHU_Ag_88177	ATPYLHNGVVYVGDEDHYAVPQFGILSR	30	AGAP002421-PA	Splice junction	2R:-:21073168-21073336,21072601-21073000	Malpighian tubule	4	5
310	JHU_Ag_70520	ATQREESYGGQVR	73	AGAP001797-PC,AGAP001797-PI	Splice junction,Splice junction	2R:+:10575066-10575104;2R:+:10575066-10575104	Malpighian tubule	5	6
311	JHU_Ag_117015	ATSKNVHECKPCNCNGYSTK	32	AGAP007629-PB	Splice junction	2L:+:48477667-48477697,48478407-48478435	Malpighian tubule	2	3
312	JHU_Ag_14418	ATVFVGNIAR	52	AGAP003171-PA,AGAP003173-PA	residue overlap splice site,residue overlap splice site	2R:+:33517240-33517269;2R:+:33524636-33524665	Ovary	2	3
313	JHU_Ag_25682	ATVTEVGGIK	59	AGAP000180-PA	Splice junction	X:+:3000249-3000264,3000416-3000429	Malpighian tubule	1	2
314	JHU_Ag_101292	ATVTEVGGIKTGK	75	AGAP000180-PA	Splice junction	X:+:3000249-3000264,3000416-3000438	Malpighian tubule	1	2
315	JHU_Ag_7704	AVAHHTTAAFIR	64	AGAP003008-PA	Splice junction	2R:+:31041515-31041549,31041638-31041638	Malpighian tubule	3	4
316	JHU_Ag_87009	AVANEAGINFISVKGPELLNMYVGESER	62	AGAP006205-PA	Splice junction	2L:+:28236933-28236995,28237076-28237096	Malpighian tubule	5	6
317	JHU_Ag_63898	AVDLYATEPEGFVFSVPFNSGYSGK	46	AGAP009598-PA	Splice junction	3R:-:36881800-36881852,36881515-36881650	Head	11	12
318	JHU_Ag_531	AVDNVEEEQVTK	77	AGAP004335-PA	Splice junction	2R:+:54800464-54800499	Male reproductive organs	8	9
319	JHU_Ag_70674	AVESEAAAPRPSDAIHILSIAVR	85	AGAP005175-PA	Splice junction	2L:+:11400276-11400300,11400375-11400418	Head	4	5
320	JHU_Ag_13791	AVFLTVHDLGTNHSSFEEFVNSACMIEIK	62	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	Splice junction,Splice junction,Splice junction	2R:-:34330993-34331020,34330699-34330767;2R:-:34330993-34331020,34330699-34330767;2R:-:34330993-34331020,34330699-34330767	Salivary gland	3	4
321	JHU_Ag_75659	AVGFATTSR	52	AGAP006400-PA	Splice junction	2L:+:31100323-31100329,31101419-31101438	Midgut	3	4
322	JHU_Ag_46845	AVGFIGGGNMAYAIASGLLSK	174	AGAP002308-PA	residue overlap splice site	2R:-:19060003-19059941	Ovary	1	2
323	JHU_Ag_10370	AVGNIVTGSDDQTQVVLNCDALSHFPK	53	AGAP001273-PA	Splice junction	2R:+:2178645-2178686,2178780-2178818	Male reproductive organs	2	3
324	JHU_Ag_17812	AVLSGWGLMEGSVLPAILR	131	AGAP001245-PA	Splice junction	2R:-:2029966-2030464,2029741-2029812	Larva	1	2
325	JHU_Ag_26369	AVMTYVSSYYHCFSGAQK	40	AGAP001497-PC	residue overlap splice site	2R:-:5649139-5649086	Head	5	6
326	JHU_Ag_62033	AVNSCLFPLFSCNGLDIVTIEGIGNK	128	AGAP006226-PA	Splice junction	2L:+:28541436-28541447,28541514-28541579	Malpighian tubule	2	3
327	JHU_Ag_49251	AVQEHLK	46	AGAP010188-PA	Splice junction	3R:+:50354565-50354575,50354671-50354680	Ovary	1	2

328	JHU_Ag_41096	AVQEHLKNPQVASK	98	AGAP010188-PA	Splice junction	3R:+:50354565-50354575,50354671-50354701	Male reproductive organs	1	2
329	JHU_Ag_55343	AVSNMPIFAEAGDLDGNVVTYFETTPR	82	AGAP013150-PA	Splice junction	2R:+:48729816-48729850,48729923-48729968	Male reproductive organs	1	2
330	JHU_Ag_20049	AVSSEDITRVPR	36	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	Splice junction,Splice junction,Splice junction	X:-:4828576-4829158,4828393-4828459;X:-:4828576-4829158,4828393-4828459;X:-:4828576-4829158,4828393-4828459	Malpighian tubule	6	7
331	JHU_Ag_48770	AVVLESPFNNIKEEICAHPFSK	55	AGAP012189-PA	residue overlap splice site	3L:+:38541863-38541928	Ovary	3	4
332	JHU_Ag_5287	AWIEEHPNEEPK	48	AGAP001768-PA	Splice junction	2R:-:9688065-9688338,9687827-9687962	Larva	1	2
333	JHU_Ag_111825	AYEDALGSGGAAAGPVEMADEPPPQAPVDTSHLDSPPKPK	190	AGAP005784-PA	Splice junction	2L:-:20600518-20600710,20583933-20584049	Male reproductive organs	1	2
334	JHU_Ag_80875	AYEDDGDFYGER	47	AGAP001195-PA	Splice junction	2R:-:1257491-1257506,1256011-1257342	Head	1	2
335	JHU_Ag_917	AYLPVNESFGFTADLR	47	AGAP009441-PA	residue overlap splice site	3R:-:33497690-33497950,33496915-33497089	Remaining organs	4	5
336	JHU_Ag_7255	AYNEFEILAGSTQQVAGSLYK	47	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	Splice junction,Splice junction,Splice junction	2R:-:28578359-28578678,28577479-28578225;2R:-:28578359-28578678,28577479-28578225;2R:-:28578359-28578678,28577479-28578225	Head	5	6
337	JHU_Ag_99744	AYNTYLCLWDAGLR	84	AGAP005750-PA	Splice junction	2L:-:20202092-20202570,20201443-20201986	Malpighian tubule	2	3
338	JHU_Ag_44436	AYNTYLCLWDAGLRK	93	AGAP005750-PA	Splice junction	2L:-:20202092-20202570,20201443-20201983	Malpighian tubule	2	3
339	JHU_Ag_79772	AYPMQAYLNAGATVQEDISEASVIFGVK	150	AGAP008632-PA	Splice junction	3R:-:13779206-13779335,13777114-13777375	Malpighian tubule	1	2
340	JHU_Ag_83529	AYSNKFIYATLPR	98	AGAP002509-PA	Splice junction	2R:+:22129168-22129180,22130330-22130355	Malpighian tubule	1	2
341	JHU_Ag_66252	AYVPVVLVGNK	57	AGAP001902-PA	Splice junction	2R:-:11973436-11973639,11973235-11973337	Ovary	3	4
342	JHU_Ag_32587	AYVPVVLVGNKTDLHQER	61	AGAP001902-PA	Splice junction	2R:-:11973436-11973639,11973235-11973316	Malpighian tubule	3	4
343	JHU_Ag_75109	CAHEKHEYLNCEYDDYILR	133	AGAP007574-PA	Splice junction	2L:+:47791796-47791839,47791916-47791928	Midgut	2	3
344	JHU_Ag_1224	CAYCNGPILDKCVTALEK	64	AGAP008532-PA	Splice junction	3R:+:11945977-11946006,11946101-11946124	Malpighian tubule	9	10
345	JHU_Ag_59479	CDAPENVPGCEDWYK	61	AGAP000989-PA	Splice junction	X:-:18943425-18943599,18943236-18943260	Head	4	5
346	JHU_Ag_46592	CDQPFNVDCGDRFELQPAQGTTDYCPR	69	AGAP000988-PA	Splice junction	X:-:18938435-18938584,18938060-18938235	Head	2	3
347	JHU_Ag_25711	CDQPFNVDCGNREELQPPR	59	AGAP000989-PA	Splice junction	X:-:18944011-18944163,18943665-18943872	Head	2	3
348	JHU_Ag_6150	CFIEEIPDETTVVANYK	73	AGAP003553-PA	Splice junction	2R:+:39452224-39452263,39452353-39452363	Midgut	1	2
349	JHU_Ag_79135	CHGIIDDAPLR	51	AGAP012744-PA,AGAP003429-PA,AGAP003429-PC	Splice junction,Splice junction,Splice junction	UNKN:-:26380540-26380606,26380187-26380418;2R:-:37679922-37680223,37679569-37679800;2R:-:37679922-37680223,37679569-37679800	Head	3	4
350	JHU_Ag_15459	CHVDWVNDIK	54	AGAP011824-PA	Splice junction	3L:-:33861421-33861557,33861110-33861319	Head	2	3
351	JHU_Ag_37124	CIASIEYPGEVFAISSRPYGQR	64	AGAP011777-PA	Splice junction	3L:+:33171439-33171468,33171566-33171601	Midgut	1	2
352	JHU_Ag_69574	CIHNTAGPHCDQCLPGHFGDPLAEPHGSCEECSCYPR	115	AGAP007629-PB	Splice junction	2L:+:48480026-48480071,48480422-48480486	Ovary	4	5
353	JHU_Ag_53642	CISIIGNGVVVHLPGLFEELAK	84	AGAP003405-PA	Splice junction	2R:+:37428894-37428909,37433028-37433077	Ovary	2	3
354	JHU_Ag_52119	CLQSVAEER	66	AGAP004919-PA	Splice junction	2L:+:6015830-6015850,6016091-6016096	Ovary	1	2
355	JHU_Ag_26442	CMPFYFTGCGGNDNQFVSR	88	AGAP001662-PA	Splice junction	2R:-:7615346-7615290	Midgut	8	9
356	JHU_Ag_40411	CNCNNHATSCHFDQAVYEHSGR	25	AGAP001381-PA	Splice junction	2R:-:4058555-4058490	Head	4	5
357	JHU_Ag_3080	CNGSGHIAR	43	AGAP008075-PB	Splice junction	3R:-:5098873-5099077,5096002-5096233	Head	1	2
358	JHU_Ag_23147	CNTDCEGDPENCISEHLFR	72	AGAP009621-PA	Splice junction	3R:-:37089135-37089264,37082871-37083300	Pupa	1	2
359	JHU_Ag_26831	CPDTVPVLQCHGDCDPIVFYK	52	AGAP012126-PA	Splice junction	3L:-:37914332-37914702,37914088-37914199	Head	3	4
360	JHU_Ag_111163	CPEAIMPHIPTIVDLCLK	68	AGAP009970-PA	Splice junction	3R:+:46917756-46917788,46917862-46917882	Ovary	3	4
361	JHU_Ag_101026	CPISAGQICTEPSQVVNINR	82	AGAP007851-PA	Splice junction	3R:+:2115196-2115210,2115278-2115322	Remaining organs	2	3
362	JHU_Ag_10573	CTACDMNVHK	46	AGAP012252-PA	Splice junction	3L:+:39368630-39368636,39384820-39384842	Head	5	6
363	JHU_Ag_38143	CTIALAR	38	AGAP006935-PA,AGAP006935-PC	residue overlap splice site,residue overlap splice site	2L:-:40154111-40154091;2L:-:40154111-40154091	Ovary	1	2
364	JHU_Ag_41752	CTLAGLQMYDEKTNTFKPETVPVQHEAYK	140	AGAP008278-PA	Splice junction	3R:+:8544329-8544379,8544447-8544482	Salivary gland	2	3
365	JHU_Ag_26792	CTLNPNDLTGAGETLSR	48	AGAP004483-PA	Splice junction	2R:+:56813811-56813829,56813921-56813952	Ovary	2	3

366	JHU_Ag_29935	CTSCTKPITGIGGTR	98	AGAP005400-PA,AGAP005400-PB	Splice junction,Splice junction	2L:+:15073952-15073979,15074063-15074079;2L:+:15073952-15073979,15074063-15074079	Malpighian tubule	5	6
367	JHU_Ag_18753	CTVAQYIGEICR	74	AGAP010870-PA	Splice junction	3L:-:12292986-12293182,12292669-12292832	Head	3	4
368	JHU_Ag_83107	CVGKPGQDLDGSEQK	49	AGAP002277-PA	Splice junction	2R:+:18513698-18513739,18513824-18513826	Head	2	3
369	JHU_Ag_51943	CVRAVQNASK	41	AGAP005076-PA,AGAP005076-PB	Splice junction,Splice junction	2L:+:9686851-9686860,9686962-9686981;2L:+:9686851-9686860,9686962-9686981	Remaining organs	2	3
370	JHU_Ag_57066	CVSGIQSAVAVLGGLR	115	AGAP006676-PA	Splice junction	2L:+:36652157-36652167,36652249-36652285	Larva	1	2
371	JHU_Ag_5038	CYPIPPPVQDTPIVVR	70	AGAP010023-PA,AGAP010024-PA	Splice junction,Splice junction	3R:+:47892995-47893010,47893095-47893126;3R:+:47932038-47932053,47932138-47932169	Salivary gland	15	16
372	JHU_Ag_103944	DACEDKPCAPGVHCSR	51	AGAP002157-PA	Splice junction	2R:-:16578341-16578432,16577172-16577256	Pupa	9	10
373	JHU_Ag_77905	DADLTDLAATR	73	AGAP008092-PA,AGAP008092-PB	Splice junction,Splice junction	3R:-:5407491-5407605,5407163-5407388;3R:-:5407491-5407605,5407163-5407388	Ovary	1	2
374	JHU_Ag_28018	DADVLKDFDVNEYVVK	67	AGAP004352-PB	Splice junction	2R:-:54947547-54947658,54947339-54947416	Midgut	2	3
375	JHU_Ag_38988	DADVSNSALFVSNANHESR	117	AGAP007946-PB	Splice junction	3R:-:3253971-3254033,3252794-3253250	Malpighian tubule	2	3
376	JHU_Ag_69132	DAEQNELYTFTIVAYK	87	AGAP002828-PA	Splice junction	2R:+:28060980-28061012,28061089-28061103	Midgut	5	6
377	JHU_Ag_88372	DAEVMRK	42	AGAP009190-PA	Splice junction	3R:-:28592052-28592241,28591663-28591966	Male reproductive organs	2	3
378	JHU_Ag_79734	DAFNEQFIAEVISSQAELIQGTTLGVNFLK	66	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA	Splice junction,Splice junction,Splice junction	2R:-:46560444-46560621,46559196-46559394;2R:-:46560444-46560621,46559259-46559394;2R:-:46560444-46560621,46559196-46559394	Remaining organs	8	9
379	JHU_Ag_49209	DAGVNVEALREQNALNR	75	AGAP004071-PB,AGAP004071-PC	Splice junction,Splice junction	2R:+:49491193-49491222,49491297-49491317;2R:+:49491193-49491222,49491297-49491317	Malpighian tubule	2	3
380	JHU_Ag_30584	DAHATDYYVLTFGDGQGDDEESSLTHIDHGFHSK	47	AGAP000320-PB	Splice junction	X:+:5681563-5681566,5693354-5693430	Malpighian tubule	4	5
381	JHU_Ag_52883	DAILTITGAMSTLTPPIQLEKPENQAR	115	AGAP012095-PA	Splice junction	3L:+:37622198-37622209,37622311-37622379	Head	2	3
382	JHU_Ag_16616	DALAIIENLIINR	62	AGAP001655-PA	Splice junction	2R:+:7325337-7325355,7325426-7325445	Ovary	1	2
383	JHU_Ag_8368	DALLIEINPYAEDAAETYFALDAK	43	AGAP004744-PA	Splice junction	2L:+:3023623-3023674,3024799-3024818	Midgut	6	7
384	JHU_Ag_1513	DAPNAASGTAQQTEPK	113	AGAP001401-PA	Splice junction	2R:-:4192712-4192819,4192574-4192607	Head	3	4
385	JHU_Ag_41204	DAQEVSDSNVNDK	45	AGAP006017-PA	Splice junction	2L:-:24694140-24694627,24690401-24690830	Head	12	13
386	JHU_Ag_34736	DASLEDAGEYECR	64	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	Ovary	38	39
387	JHU_Ag_7282	DATFRHYIQLHPEDFPTPER	74	AGAP002889-PA	Splice junction	2R:-:28938409-28938498,28938212-28938257	Malpighian tubule	2	3
388	JHU_Ag_37204	DATGTVAVGEIVTELHKPQEELATAVSK	162	AGAP005057-PA	Splice junction	2L:+:8911039-8911066,8911148-8911203	Head	9	10
389	JHU_Ag_2003	DAVLLIFANKQDLPNAMNAAEITDK	46	AGAP012014-PA	Splice junction	3L:+:36310626-36310658,36310836-36310877	Head	3	4
390	JHU_Ag_2043	DAYSVVSNILDSLDVGR	130	AGAP011476-PA	Splice junction	3L:+:25028701-25028720,25028797-25028827	Remaining organs	3	4
391	JHU_Ag_11914	DCAVYGVDIPETEGK	57	AGAP010870-PA	Splice junction	3L:-:12291950-12292017,12291549-12291837	Remaining organs	7	8
392	JHU_Ag_78856	DCEDGTDEMDCDNNPPIK	115	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41186991-41187024,41187636-41187655;2R:+:41186991-41187024,41187636-41187655;2R:+:41186991-41187024,41187636-41187655	Head	10	11
393	JHU_Ag_115093	DCEYEGTTAIIQQTK	122	AGAP008548-PA	Splice junction	3R:+:12480261-12480270,12480348-12480382	Midgut	2	3
394	JHU_Ag_46266	DCIEMCLGENEFTCR	75	AGAP002316-PA	residue overlap splice site	2R:-:19256823-19256981,19235646-19237308	Pupa	3	4
395	JHU_Ag_53265	DCLLLHHQLLNDLEIK	59	AGAP007562-PA	Splice junction	2L:+:47593090-47593131,47593587-47593592	Ovary	3	4
396	JHU_Ag_3790	DCMDPEDDDGNIPYAPFLK	106	AGAP001569-PA	Splice junction	2R:+:6334601-6334646,6334978-6334988	Head	4	5
397	JHU_Ag_27382	DCMDPEDDDGNIPYAPFLQR	72	AGAP001569-PB	Splice junction	2R:+:6334601-6334646,6335628-6335641	Remaining organs	4	5
398	JHU_Ag_78274	DCSDGSDENSCDIENDPNR	98	AGAP011936-PA	Splice junction	3L:+:35359742-35359775,35366400-35366422	Head	3	4

399	JHU_Ag_117313	DCVLDHDVLEPLLHVLSTSR	129	AGAP005401-PA	Splice junction	2L:-:15082456-15082636,15082044-15082289	Malpighian tubule	3	4
400	JHU_Ag_41298	DDAADASTAGTSTISK	115	AGAP001557-PA	Splice junction	2R:+:6192578-6192602,6192869-6192891	Head	6	7
401	JHU_Ag_14806	DDAEEDSEEGGEEGGDGASGGEGGEK	143	AGAP009974-PA	Splice junction	3R:-:46979083-46979292,46978863-46978935	Head	3	4
402	JHU_Ag_94547	DDALFLLGNDR	81	AGAP009782-PA	Splice junction	3R:+:43264552-43264563,43264628-43264648	Ovary	1	2
403	JHU_Ag_82962	DDEDKILK	41	AGAP008837-PA	Splice junction	3R:+:19289104-19289107,19289232-19289251	Ovary	1	2
404	JHU_Ag_19031	DDEYDYLFK	34	AGAP004559-PH	residue overlap splice site	2R:+:57598154-57598180	Male reproductive organs	1	2
405	JHU_Ag_17443	DDLDKAQLELLR	43	AGAP006179-PC	Splice junction	2L:-:27805657-27805657,27799584-27799972	Head	2	3
406	JHU_Ag_12153	DDTGIFITLYSANAPNVITK	40	AGAP002739-PA	Splice junction	2R:+:26437113-26437150,26437234-26437255	Pupa	11	12
407	JHU_Ag_7829	DDVTSPAGSTAAGLSHLEQNAFR	132	AGAP005009-PA	Splice junction	2L:+:7899021-7899081,7899160-7899167	Remaining organs	3	4
408	JHU_Ag_20534	DEASPYAAMLAAQDVAEK	128	AGAP000655-PA	Splice junction	2R:-:20503127-20503074;X:-:11703741-11703942,11703376-11703580	Head	1	2
409	JHU_Ag_5302	DEDLSSESVEVLR	81	AGAP001147-PA	Splice junction	2R:-:600197-600239,599852-600092	Head	1	2
410	JHU_Ag_95826	DEDSCQIFVPFVSDVR	33	AGAP003312-PB	Splice junction	2R:-:35777439-35777660,35776943-35777303;2R:-:35777439-35777660,35776943-35777303	Head	6	7
411	JHU_Ag_105043	DEEADDMER	60	AGAP004882-PA	Splice junction	2L:-:4936879-4937346,4936610-4936771	Head	3	4
412	JHU_Ag_87960	DEGDECSYPLDGFR	106	AGAP011747-PA	Splice junction	3L:-:32873875-32874049,32873639-32873762	Head	1	2
413	JHU_Ag_68613	DEGFISEIPTTEDPHQVAEETAHLAPHGVPSNPIPR	100	AGAP003204-PA	Splice junction	2R:-:33820335-33820496,33819988-33820150	Head	9	10
414	JHU_Ag_41031	DEGLNGNNGQAEALNSSAEEATSPSGK	130	AGAP012185-PA	Splice junction	3L:+:38506839-38506854,38506916-38506980	Head	6	7
415	JHU_Ag_30659	DEHNLSTLINRPALGVFPGEDWPNR	149	AGAP006966-PA	Splice junction	2L:+:40288227-40288245,40289295-40289350	Head	3	4
416	JHU_Ag_102539	DEISDK	36	AGAP012770-PA,AGAP011150-PA	Splice junction,Splice junction	UNKN:-:27997633-27997789,27997305-27997542;3L:-:17985468-17985624,17985125-17985377	Midgut	2	3
417	JHU_Ag_27092	DEITHTGQFYEANDYR	117	AGAP009072-PA	Splice junction	3R:+:25419002-25419025,25419164-25419187	Midgut	1	2
418	JHU_Ag_83806	DELPIEIELEPDNR	48	AGAP011892-PA	Splice junction	3L:-:34660511-34661570,34659760-34659889	Head	1	2
419	JHU_Ag_3859	DELSSYPTVFR	33	AGAP006772-PA	Splice junction	2L:+:38107155-38107158,38107231-38107259	Head	3	4
420	JHU_Ag_16600	DENGESWCPYCVK	49	AGAP009738-PA	residue overlap splice site	3R:+:42055532-42055570	Head	1	2
421	JHU_Ag_39360	DENLIDAILLGTK	74	AGAP006907-PA	Splice junction	2L:+:39857765-39857776,39858287-39858313	Malpighian tubule	2	3
422	JHU_Ag_3804	DENLIDAILLGTKR	112	AGAP006907-PA	Splice junction	2L:+:39857765-39857776,39858287-39858316	Midgut	2	3
423	JHU_Ag_109171	DESDENACTVELDPNR	79	AGAP011937-PA	Splice junction	3L:+:35396764-35396788,35396884-35396906	Head	5	6
424	JHU_Ag_58795	DESTSSSSSSSTLTR	91	AGAP009180-PA	Splice junction	3R:+:28179339-28179383	Head	18	19
425	JHU_Ag_103381	DEVLDGRPLYLDAQATTSMDPR	83	AGAP009094-PA	Splice junction	3R:-:25573471-25573491,25571979-25573137	Head	2	3
426	JHU_Ag_53770	DFDIENDIEAWYPPGHGDFYQSFQNSGLLR	71	AGAP001257-PA,AGAP001257-PB	Splice junction,Splice junction	2R:-:2060772-2061369,2059771-2060596;2R:-:2060772-2061369,2059771-2060596	Head	2	3
427	JHU_Ag_24841	DFDLTQDCTDDAGK	96	AGAP004707-PA,AGAP004707-PB,AGAP004707-PC	Splice junction,Splice junction,Splice junction	2L:+:2407813-2407818,2407894-2407929;2L:+:2407813-2407818,2407894-2407929;2L:+:2407813-2407818,2407894-2407929	Head	13	14
428	JHU_Ag_98091	DFDVNEYVVK	43	AGAP004352-PB	Splice junction	2R:-:54947529-54947658,54947339-54947416	Head	2	3
429	JHU_Ag_56424	DFELAIEK	63	AGAP004645-PA	Splice junction	2R:-:59017463-59017495,59016815-59016932	Malpighian tubule	2	3
430	JHU_Ag_48337	DFHALHGLSELSDCIK	119	AGAP009907-PA	Splice junction	3R:-:45187829-45188193,45187382-45187708	Head	5	6
431	JHU_Ag_57108	DFINGELLAHLYATGDQASMMEESADEAQK	167	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31192210-31192378,31191978-31192033;2R:-:31192210-31192378,31191978-31192033	Head	10	11
432	JHU_Ag_1595	DFINGELLAHLYATGDQASMMEESADEAQKR	55	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31192210-31192378,31191978-31192030;2R:-:31192210-31192378,31191978-31192030	Head	10	11
433	JHU_Ag_6020	DFQLLGTEQCGGYQCDK	92	AGAP010645-PA,AGAP012577-PA	Splice junction,Splice junction	3L:+:7940054-7940069,7940201-7940235;UNKN:-:17208641-17208946,17208237-17208460	Larva	2	3
434	JHU_Ag_14779	DFSAQEEK	55	AGAP006366-PA	Splice junction	2L:-:30520888-30521035,30518179-30518298	Malpighian tubule	8	9

435	JHU_Ag_71775	DFSAQEEKLVQQK	104	AGAP006366-PA	Splice junction	2L:-:30520888-30521035,30518179-30518283	Malpighian tubule	8	9
436	JHU_Ag_7707	DFSYVGRPCGASTATGSK	103	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	Splice junction,Splice junction,Splice junction	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	Male reproductive organs	8	9
437	JHU_Ag_54304	DFVDHITHVDPIDGVVLIDPDYVK	130	AGAP011360-PA	Splice junction	3L:-:21931655-21931730,21931225-21931333	Head	1	2
438	JHU_Ag_58471	DFVDHITHVDPIDGVVLIDPDYVKER	48	AGAP011360-PA	Splice junction	3L:-:21931655-21931730,21931225-21931327	Ovary	1	2
439	JHU_Ag_115360	DFVDHVSGVEPIDGIVVLDDEYIR	124	AGAP010134-PA	Splice junction	3R:+:49303169-49303205,49303581-49303615	Head	1	2
440	JHU_Ag_48311	DFVSILSNR	59	AGAP005371-PA	Splice junction	2L:-:14712481-14713741,14711919-14712390	Malpighian tubule	1	2
441	JHU_Ag_52369	DGDGFVLDMATTAVAVGK	89	AGAP006576-PC	residue overlap splice site	2L:-:34222012-34221959;2L:-:34222012-34221959	Midgut	2	3
442	JHU_Ag_104488	DGDPPPPELVQR	51	AGAP004902-PA,AGAP004902-PB,AGAP004902-PC	Splice junction,Splice junction,Splice junction	2L:+:5755947-5755953,5756030-5756058;2L:+:5755947-5755953,5756030-5756058;2L:+:5755947-5755953,5756030-5756058	Head	12	13
443	JHU_Ag_773	DGDQIALFIAEEGPECFADQK	35	AGAP007665-PA	Splice junction	2L:-:48864673-48864818,48864405-48864518	Larva	3	4
444	JHU_Ag_3255	DGDQIALFIAEK	102	AGAP007663-PA	Splice junction	2L:-:48860817-48861239,48860591-48860719	Pupa	2	3
445	JHU_Ag_4021	DGDQIALFIAEKGPECFQEQK	89	AGAP007663-PA	Splice junction	2L:-:48860817-48861239,48860591-48860692	Larva	2	3
446	JHU_Ag_81511	DGDVVKGQYSLVEPDGSVR	126	AGAP006830-PA	Splice junction	2L:+:39088800-39088818,39090513-39090550;2L:-:29534901-29534845;2L:+:39075720-39075776;2L:+:39052892-39052948	Malpighian tubule	2	3
447	JHU_Ag_24859	DGDVVQGQYSLVEPDGTR	110	AGAP008960-PA	Splice junction	3R:-:22056493-22056586,22056035-22056365	Head	3	4
448	JHU_Ag_110259	DGDVVQGQYSLVEPDGTRR	82	AGAP008960-PA	Splice junction	3R:-:22056493-22056586,22056035-22056362	Head	3	4
449	JHU_Ag_102468	DGFLFDPYNVQGVFYNR	111	AGAP008943-PA	Splice junction	3R:+:21376226-21376258,21376943-21376960	Head	4	5
450	JHU_Ag_57900	DGIDSGLHEPGAR	89	AGAP006184-PA	Splice junction	2L:+:27869626-27869648,27869773-27869788	Male reproductive organs	5	6
451	JHU_Ag_88918	DGISPEVTLEQAER	87	AGAP010376-PA	Splice junction	3L:-:2346185-2346188,2345805-2345982	Head	4	5
452	JHU_Ag_6742	DGITLTLSTLVDGK	75	AGAP009833-PA	Splice junction	3R:+:44050264-44050267,44050368-44050405	Salivary gland	3	4
453	JHU_Ag_73581	DGITLTLSTLVDGKNFNAGGHK	63	AGAP009833-PA	Splice junction	3R:+:44050264-44050267,44050368-44050429	Pupa	3	4
454	JHU_Ag_1593	DGKPADTFYAFQLLEETGICIVPGSGFGQRPGTYHFR	113	AGAP000901-PA	Splice junction	X:-:17030819-17031854,17030535-17030625	Malpighian tubule	3	4
455	JHU_Ag_20233	DGLESLIYWR	71	AGAP007940-PB	Splice junction	3R:-:3225124-3225181,3224113-3224298	Head	1	2
456	JHU_Ag_29076	DGNGYIEGSELDGFLK	74	AGAP012179-PA	Splice junction	3L:-:38371257-38371401,38368978-38369020	Midgut	1	2
457	JHU_Ag_4185	DGSCDVSYVVSEPGDYR	70	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	Splice junction,Splice junction,Splice junction	2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801	Remaining organs	3	4
458	JHU_Ag_10348	DGTSFLTALHVFANSLSPADK	105	AGAP001653-PA	Splice junction	2R:+:7321963-7322022,7322100-7322102	Malpighian tubule	3	4
459	JHU_Ag_30252	DGTSFLTALHVFANSLSPADKNWK	46	AGAP001653-PA	Splice junction	2R:+:7321963-7322022,7322100-7322111	Remaining organs	3	4
460	JHU_Ag_16703	DGTVPFWEYGGHAIASSENVR	69	AGAP005404-PA	Splice junction	2L:-:15149943-15150111,15149227-15149353	Salivary gland	1	2
461	JHU_Ag_13371	DHANNMIFLLSNLGK	98	AGAP009176-PA	residue overlap splice site	3R:+:28144845-28144888,28144972-28144972	Remaining organs	3	4
462	JHU_Ag_16061	DHANNMIFLLSNLGKLYSSGAQPQVQK	60	AGAP009176-PA	Splice junction	3R:+:28144845-28144888,28144972-28145008	Malpighian tubule	3	4
463	JHU_Ag_31586	DHAPYDCIHVGAAAPEIPQELVEQLKPGGR	56	AGAP000457-PB	Splice junction	X:-:7931391-7931417,7931088-7931220	Midgut	4	5
464	JHU_Ag_2660	DHFGIEGDEGSTMVEESVAPSK	37	AGAP007474-PA	residue overlap splice site	2L:-:46766312-46766751,46765859-46765950	Male reproductive organs	2	3
465	JHU_Ag_102806	DHHGLQTGTATNHIVVIPSANK	82	AGAP000887-PA	Splice junction	X:+:16744080-16744121,16744187-16744210	Head	2	3
466	JHU_Ag_67068	DHLDALTPLPEQEVPTEAPDVDFEALSTK	74	AGAP007307-PA	Splice junction	2L:+:45238803-45238820,45238908-45238976	Head	15	16
467	JHU_Ag_24346	DHLPTITVPTK	52	AGAP007082-PA	residue overlap splice site	2L:+:42270294-42270326	Midgut	2	3
468	JHU_Ag_28969	DHLPTITVPTKVDISPITGVPEEHVK	93	AGAP007082-PA	Splice junction	2L:+:42270294-42270326,42270404-42270448	Remaining organs	2	3
469	JHU_Ag_108297	DHPYGFVARPVK	38	AGAP000495-PA	Splice junction	3L:+:16304209-16304244;X:-:8754195-8754249,8753942-8754002	Malpighian tubule	1	2
470	JHU_Ag_67286	DIAMFHAASVMLESTDSTFAER	110	AGAP003759-PA	Splice junction	2R:-:43095296-43095414,43094682-43095169	Malpighian tubule	2	3

471	JHU_Ag_40809	DIDVSGSEELVK	43	AGAP007029-PA	residue overlap splice site	2L:+:41052747-41052782	Midgut	2	3
472	JHU_Ag_4480	DIEGPVIENISQR	47	AGAP007807-PA	Splice junction	3R:+:1274447-1274455,1274521-1274550	Midgut	3	4
473	JHU_Ag_67435	DIEILCQDDEQSQSPFVQK	89	AGAP004886-PB,AGAP004886-PA	Splice junction,Splice junction	2L:-:4956791-4956988,4956618-4956645;2L:-:4956791-4956988,4956618-4956645	Head	3	4
474	JHU_Ag_85824	DIEISDDEDDTHPNIDTPSLFR	102	AGAP001914-PA	Splice junction	2R:+:12025916-12025924,12026050-12026106	Head	1	2
475	JHU_Ag_5070	DIFQAICAK	41	AGAP004197-PA	Splice junction	2R:-:51677628-51677861,51676581-51677535	Midgut	4	5
476	JHU_Ag_58577	DIFQEIYEK	36	AGAP003168-PA	residue overlap splice site	2R:+:33511227-33511252,33511342-33511342	Remaining organs	3	4
477	JHU_Ag_27987	DIIGEYIPLAVMPIPDPAPK	113	AGAP002055-PA	Splice junction	2R:+:14680989-14681003,14681076-14681120	Larva	3	4
478	JHU_Ag_25650	DILVDETNLLLWTGLIVPDNVPYNK	67	AGAP001056-PA	Splice junction	X:-:21762186-21762228,21756047-21756213	Ovary	2	3
479	JHU_Ag_62067	DIPSTWNLAEVR	50	AGAP004148-PA	Splice junction	2R:-:50743862-50743948,50743105-50743711	Pupa	3	4
480	JHU_Ag_84639	DIRDVADFLYTILVDK	109	AGAP006688-PA	Splice junction	2L:+:36705117-36705136,36705202-36705229	Midgut	2	3
481	JHU_Ag_86933	DIRKPFSTEPGNLTNLSSFR	82	AGAP005427-PA	Splice junction	2L:+:15421318-15421341,15421710-15421745	Malpighian tubule	1	2
482	JHU_Ag_7033	DISDASVYSSYVLPK	98	AGAP012100-PA	Splice junction	3L:+:37646363-37646390,37646618-37646634	Larva	2	3
483	JHU_Ag_1205	DITYQLILKSK	33	AGAP002264-PA	Splice junction	2R:-:18359758-18359904,18359452-18359637	Ovary	4	5
484	JHU_Ag_64764	DIVVVEPPAKPSPDEMEFQR	47	AGAP008593-PA	Splice junction	3R:+:13453327-13453374,13453454-13453465	Malpighian tubule	2	3
485	JHU_Ag_97232	DKELDDLLDSALEDFSK	175	AGAP008804-PA	Splice junction	3R:+:18063468-18063495,18063634-18063656	Ovary	1	2
486	JHU_Ag_27979	DKFGQSIGGK	49	AGAP011498-PA	Splice junction	3L:-:25488269-25488421,25487779-25488147	Head	7	8
487	JHU_Ag_110348	DKFTQNLLQFR	75	AGAP004535-PA	Splice junction	2R:+:57463747-57463751,57463986-57464013	Ovary	10	11
488	JHU_Ag_16962	DKILAAGLVTADELK	69	AGAP003030-PA	residue overlap splice site	2R:-:31252671-31252627	Remaining organs	5	6
489	JHU_Ag_72461	DKINDIQTGTNQR	94	AGAP011727-PA	Splice junction	3L:+:32496908-32496915,32496985-32497015	Head	1	2
490	JHU_Ag_26294	DKLIFPYVK	29	AGAP003168-PA	residue overlap splice site	2R:+:33510537-33510563	Head	2	3
491	JHU_Ag_51293	DKLYENLQANNNDLTSYITR	166	AGAP005845-PA	Splice junction	2L:-:22433311-22433431,22428636-22428797	Malpighian tubule	2	3
492	JHU_Ag_31596	DKMVDNEILAILR	84	AGAP007780-PA	Splice junction	3R:-:760349-760480,755503-755609	Salivary gland	2	3
493	JHU_Ag_33457	DKPAGDAPNTDELK	74	AGAP010557-PA	Splice junction	3L:-:6370199-6370459,6369916-6370081	Malpighian tubule	2	3
494	JHU_Ag_35471	DKPAGDAPNTDELKK	88	AGAP010557-PA	Splice junction	3L:-:6370199-6370459,6369916-6370078	Malpighian tubule	2	3
495	JHU_Ag_62628	DKSEWEYK	53	AGAP012334-PA	Splice junction	3L:-:40733463-40733604,40733112-40733283	Ovary	1	2
496	JHU_Ag_46406	DKTIVVTGAGQGIGNELCR	41	AGAP008502-PA	Splice junction	3R:+:11346556-11346589,11346662-11346684	Midgut	1	2
497	JHU_Ag_61391	DLAGAIIGK	47	AGAP005015-PA	Splice junction	2L:-:8303525-8303742,8303273-8303419	Ovary	7	8
498	JHU_Ag_13567	DLATQICEKPQIVNDYEAGR	85	AGAP004990-PA	Splice junction	2L:+:7586594-7586605,7586702-7586749	Male reproductive organs	2	3
499	JHU_Ag_80287	DLCFDQSGTYLSIAGTDIR	40	AGAP007217-PA	residue overlap splice site	2L:+:44380830-44380885,44380960-44380960	Head	3	4
500	JHU_Ag_79911	DLCTPDNDQQFMVQDGR	67	AGAP010275-PA	Splice junction	3R:+:51938780-51938815,51938908-51938922	Head	7	8
501	JHU_Ag_75113	DLEEVFLDVSDLTVSSVAAK	122	AGAP009907-PA	Splice junction	3R:-:45188887-45188988,45188478-45188760	Midgut	2	3
502	JHU_Ag_41010	DLEPVHGLVFLFK	58	AGAP005540-PA	Splice junction	2L:-:16855733-16855789,16854804-16855602	Ovary	2	3
503	JHU_Ag_90930	DLFEGCEYTGSNNAELR	103	AGAP008548-PA	Splice junction	3R:+:12492431-12492452,12492515-12492543	Midgut	5	6
504	JHU_Ag_42902	DLHLQGYSLLSIDSTGQTALHHGAR	105	AGAP000519-PA	Splice junction	X:+:9264561-9264635	Head	12	13
505	JHU_Ag_115664	DLKLDNVLLDYDGHVR	81	AGAP000418-PA	Splice junction	X:-:7446768-7446721	Remaining organs	9	10
506	JHU_Ag_76431	DLKPENILLDQDGHIALTDFGLSK	85	AGAP003040-PA	Splice junction	2R:-:31370627-31370903,31370352-31370475	Head	2	3
507	JHU_Ag_17174	DLNADVNAFQR	60	AGAP001587-PA	Splice junction	2R:-:6488818-6488932,6488208-6488703	Ovary	1	2
508	JHU_Ag_14652	DLNEDLQALGMER	99	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	Head	2	3
509	JHU_Ag_47647	DLNEELEALKNELLDSLDTTAAQQELR	77	AGAP007523-PA,AGAP007523-PB	Splice junction,Splice junction	2L:+:47183118-47183181,47183273-47183289;2L:+:47183118-47183181,47183273-47183289	Ovary	7	8
510	JHU_Ag_89738	DLNLALANAR	52	AGAP005777-PA	Splice junction	2L:+:20520280-20520298,20520378-20520388	Salivary gland	10	11

511	JHU_Ag_6251	DLNMPTSLPTR	54	AGAP002463-PB,AGAP002463-PA	Splice junction,residue overlap splice site	2R:+:21820462-21820493,21820592-21820592;2R:+:21820462-21820493,21820592-21820592	Midgut	1	2
512	JHU_Ag_21898	DLNPDVNAFQR	52	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	Splice junction,Splice junction,Splice junction	2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009	Remaining organs	1	2
513	JHU_Ag_1723	DLNTDINMFQR	85	AGAP001588-PA	Splice junction	2R:-:6495147-6495261,6494764-6495028	Salivary gland	1	2
514	JHU_Ag_55468	DLPDIESLLALNPR	70	AGAP001021-PB	Splice junction	X:-:19604100-19604130,19601549-19602819	Malpighian tubule	1	2
515	JHU_Ag_6846	DLPNEYKYNQK	45	AGAP012611-PA,AGAP012799-PA,AGAP003650-PA	Splice junction,Splice junction,Splice junction	UNKN:-:19943900-19944150,19943725-19943803;UNKN:+:29843904-29843924,29843990-29844001;2R:+:41003208-41003228,41003291-41003302	Malpighian tubule	4	5
516	JHU_Ag_13422	DLPVVIAAK	60	AGAP000096-PA	Splice junction	X:+:1565960-1565977,1566060-1566068	Head	1	2
517	JHU_Ag_35925	DLQAYYCKIENELGEAVSK	92	AGAP011700-PA	Splice junction	3L:+:31628437-31628466,31628542-31628568	Malpighian tubule	2	3
518	JHU_Ag_31059	DLSTQVNYK	45	AGAP009036-PA	Splice junction	3R:+:24442057-24442071,24442150-24442161	Malpighian tubule	12	13
519	JHU_Ag_13438	DLSYSVMQR	52	AGAP013758-PA	Splice junction	3R:+:2795653-2795667,2795733-2795744	Malpighian tubule	2	3
520	JHU_Ag_114192	DLTTAQSTSATELISR	72	AGAP002573-PA	Splice junction	2R:+:23018053-23018072,23075712-23075739	Head	1	2
521	JHU_Ag_60628	DLTVVSNNAGVDTFGLGLLLK	64	AGAP006096-PA	Splice junction	2L:-:26623899-26624067,26620519-26621461	Ovary	2	3
522	JHU_Ag_111272	DLTVVSNNAGVDTFGLGLLLKEK	53	AGAP006096-PA	Splice junction	2L:-:26623899-26624067,26620519-26621455	Malpighian tubule	2	3
523	JHU_Ag_9120	DLVEFGMIPEFVGR	53	AGAP002996-PD	Splice junction	2R:+:30751745-30751771,30751848-30751862	Head	4	5
524	JHU_Ag_6984	DLVLTAGK	40	AGAP001973-PB,AGAP001973-PA	residue overlap splice site,residue overlap splice site	2R:+:13003428-13003451;2R:+:13003428-13003451	Midgut	3	4
525	JHU_Ag_3687	DLYANSVLSGGTTMYPGIADR	91	AGAP001676-PA	Splice junction	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	Salivary gland	1	2
526	JHU_Ag_863	DLYANTVLSGGTTMYPGIADR	143	AGAP011516-PA	Splice junction	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	Larva	1	2
527	JHU_Ag_5575	DLYANTVLSGGTTMYPGIADRMQK	130	AGAP011516-PA	Splice junction	X:-:11656588-11656517;3L:+:26319292-26319340,26319420-26319442	Malpighian tubule	1	2
528	JHU_Ag_14862	DLYLASEQIYPPLETDRPLTR	42	AGAP011360-PA	Splice junction	3L:-:21931248-21931367,21924495-21924816	Remaining organs	2	3
529	JHU_Ag_4334	DMEFATIEDDYTGPK	44	AGAP004151-PA	Splice junction	2R:-:50758909-50759283,50758678-50758771	Midgut	2	3
530	JHU_Ag_35604	DMEISDLNAQVNDLR	149	AGAP001053-PA,AGAP001053-PH	Splice junction,Splice junction	X:+:21349586-21349594,21364143-21364178;X:+:21349586-21349594,21364143-21364178	Male reproductive organs	3	4
531	JHU_Ag_64129	DMEISDLNAQVNDLRGK	75	AGAP001053-PA,AGAP001053-PH	Splice junction,Splice junction	X:+:21349586-21349594,21364143-21364184;X:+:21349586-21349594,21364143-21364184	Malpighian tubule	3	4
532	JHU_Ag_44633	DMGACEIYPQTIAHNPNGR	64	AGAP004798-PA	residue overlap splice site	2L:-:3642379-3642423,3642039-3642238	Salivary gland	5	6
533	JHU_Ag_5912	DMIQLPVQSK	50	AGAP003719-PA	Splice junction	2R:-:42426456-42426578,42425355-42426315	Head	2	3
534	JHU_Ag_21977	DMISLSDAPSTSR	89	AGAP006590-PD	Splice junction	2L:-:34288191-34288153;2L:-:34288191-34288153	Head	31	32
535	JHU_Ag_103664	DMNIDDVHDLMDDIAEQNDIANEISNAVSSAVGFGQDIDEDELEK	161	AGAP005316-PA	Splice junction	2L:-:14021503-14021676,14021138-14021268	Ovary	2	3
536	JHU_Ag_2817	DMRLTGNPYQCNGLESIPDK	92	AGAP006630-PA	Splice junction	2L:+:34793233-34793268,34793343-34793366	Malpighian tubule	2	3
537	JHU_Ag_21567	DMVFGNCGVMSANLAGK	73	AGAP009949-PA	Splice junction	3R:+:46041961-46041963,46042063-46042110	Ovary	4	5
538	JHU_Ag_14127	DNEEAYVCIYSHR	93	AGAP010156-PA,AGAP010154-PA	Splice junction,Splice junction	3R:+:49549965-49549967,49550057-49550092;3R:+:49523834-49523836,49523926-49523961	Head	2	3
539	JHU_Ag_64556	DNEHQR	31	AGAP002654-PA,AGAP002654-PB	Splice junction,Splice junction	2R:-:25187448-25187495,25185488-25186944;2R:-:25187448-25187495,25185488-25186944	Head	2	3
540	JHU_Ag_3585	DNFIICIESLHVADAGDQPNAHELTPEK	161	AGAP001957-PA	Splice junction	2R:+:12826819-12826878,12827929-12827952	Head	5	6

541	JHU_Ag_6871	DNLIAVTEGHR	66	AGAP000958-PA	Splice junction	X:-:18377155-18377590,18376824-18377030	Head	3	4
542	JHU_Ag_1081	DNLTLWTSDMQADGEGEQK	73	AGAP001151-PA	Splice junction	2R:-:617802-617943,617564-617603	Salivary gland	4	5
543	JHU_Ag_103754	DNLVNR	33	AGAP002858-PA	residue overlap splice site	2R:+:28382537-28382554	Midgut	6	7
544	JHU_Ag_20030	DNNGSIENEELR	51	AGAP012179-PA	Splice junction	3L:-:38353940-38353905	Midgut	9	10
545	JHU_Ag_9117	DNPVNADLVNSIQQNLQCCGK	138	AGAP007209-PA,AGAP007209-PB	Splice junction,Splice junction	2L:-:44332203-44332326,44331811-44332057;2L:-:44332203-44332326,44331824-44332057	Larva	3	4
546	JHU_Ag_58668	DNSILGEFSK	86	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	Splice junction,Splice junction,Splice junction	2R:-:53549223-53549304,53548982-53549096;2R:-:53549223-53549315,53548982-53549096;2R:-:53549223-53549304,53548982-53549096;2R:-:53549223-53549315,53548982-53549096	Head	5	6
547	JHU_Ag_45382	DNSILGEFSKEQEAFIK	65	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	Splice junction,Splice junction,Splice junction	2R:-:53549223-53549304,53548982-53549075;2R:-:53549223-53549315,53548982-53549075;2R:-:53549223-53549304,53548982-53549075;2R:-:53549223-53549315,53548982-53549075	Remaining organs	5	6
548	JHU_Ag_8072	DNVTHDEPK	62	AGAP010307-PA	residue overlap splice site	3R:-:53083654-53083747,53072347-53072377	Head	6	7
549	JHU_Ag_17566	DPASVHASWDAYFR	98	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Splice junction,Splice junction,Splice junction	2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388	Head	2	3
550	JHU_Ag_117193	DPDLVGFEIIPMPLNQNK	46	AGAP002731-PA	Splice junction	2R:+:26299481-26299491,26300315-26300357	Head	1	2
551	JHU_Ag_15363	DPFNDKLVNER	39	AGAP002858-PC,AGAP002858-PD	Splice junction,Splice junction	2R:+:28378090-28378121,28386399-28386399;2R:+:28378090-28378121,28386399-28386399	Ovary	8	9
552	JHU_Ag_69345	DPIGGSNENLFLPLIK	83	AGAP010750-PA	Splice junction	3L:+:9804867-9804901,9804963-9804975	Remaining organs	16	17
553	JHU_Ag_83499	DPLLCVGTVAADQVK	138	AGAP008993-PA	Splice junction	3R:-:22800753-22800771,22800188-22800242	Head	5	6
554	JHU_Ag_5224	DPNTGVATTDLYGK	102	AGAP002176-PA	Splice junction	2R:+:16908283-16908300,16908412-16908435	Head	6	7
555	JHU_Ag_65320	DPNVDVVYIGAVNNAHYELGVLMLQHGK	125	AGAP009945-PA	Splice junction	3R:+:45808278-45808290,45808358-45808428	Ovary	1	2
556	JHU_Ag_36521	DPPNNWVAAWYGSAWEWNDER	101	AGAP012400-PA	Splice junction	3L:+:41726460-41726477,41726572-41726616	Midgut	1	2
557	JHU_Ag_7144	DPQNDAER	50	AGAP008955-PA	Splice junction	3R:-:21800628-21800858,21800317-21800530	Male reproductive organs	3	4
558	JHU_Ag_102429	DPSSYECMCNQGFFGDGFVCTPER	34	AGAP008193-PA	Splice junction	3R:-:6558113-6558042	Ovary	7	8
559	JHU_Ag_386	DPTGDLPWEEDPIGADVVHVPDAVTLGK	134	AGAP010217-PA	Splice junction	3R:-:50850571-50850862,50850213-50850422	Larva	1	2
560	JHU_Ag_72851	DPVEVIGLSNPAPNVNTGEVAQSGTSTK	130	AGAP011832-PA	Splice junction	3L:+:33893591-33893617,33893727-33893783	Head	2	3
561	JHU_Ag_21604	DPYRDNLVNR	47	AGAP002858-PA	residue overlap splice site	2R:+:28382525-28382554	Head	6	7
562	JHU_Ag_20604	DQASSDTLFDGEQPTLEEIR	113	AGAP007127-PA	Splice junction	2L:-:43078614-43078657,43077332-43077539	Head	2	3
563	JHU_Ag_96347	DQGASIIGAAVSTASR	134	AGAP003318-PA,AGAP003318-PB	Splice junction,Splice junction	2R:+:35903258-35903279,35903380-35903405;2R:+:35903258-35903279,35903380-35903405	Head	3	4
564	JHU_Ag_89079	DQGHCGSCWSFSATGALEGQHFR	121	AGAP011828-PA	Splice junction	3L:+:33876425-33876431,33876507-33876568	Malpighian tubule	3	4
565	JHU_Ag_3890	DQLLALK	39	AGAP005757-PA	Splice junction	2L:+:20290873-20290878,20290987-20291001	Midgut	1	2
566	JHU_Ag_79647	DQLTPVILENSELAVLITEFNDLGGGR	38	AGAP006141-PA	Splice junction	2L:-:27100774-27100951,27094572-27095184	Ovary	1	2
567	JHU_Ag_90903	DQTPEVTHFIDLTK	54	AGAP008018-PA	Splice junction	3R:+:4319728-4319760,4319827-4319835	Malpighian tubule	4	5
568	JHU_Ag_81203	DRGTVQAIMR	60	AGAP007684-PA	Splice junction	2L:-:49014264-49014445,49013994-49014141	Head	5	6
569	JHU_Ag_21829	DRIPIFPSR	41	AGAP010298-PA	residue overlap splice site	3R:+:52655905-52655931	Head	1	2

570	JHU_Ag_56848	DRLLPQR	41	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	Splice junction,Splice junction,Splice junction	X:+:9999353-9999372,9999452-9999452;X:+:9999353-9999372,9999452-9999452;X:+:9999353-9999372,9999452-9999452	Malpighian tubule	3	4
571	JHU_Ag_85227	DRQDGCAQPISTTLCYCDEFCER	76	AGAP007684-PA	Splice junction	2L:-:49015425-49015542,49015144-49015287	Ovary	1	2
572	JHU_Ag_113419	DRSEFQSVYEK	54	AGAP006438-PA	Splice junction	2L:-:31886209-31886296,31884883-31886103	Ovary	1	2
573	JHU_Ag_83521	DRTLDFIPQSPSELPIWNYDGSSTYQAEGSNSDVYLHPVAIYR	51	AGAP002355-PB,AGAP002355-PA	Splice junction,Splice junction	2R:+:20589873-20589909,20589996-20590087;2R:+:20589873-20589909,20589996-20590087	Head	1	2
574	JHU_Ag_26687	DSDGDGIGDLK	89	AGAP002102-PA	residue overlap splice site	2R:+:15435727-15435759	Salivary gland	1	2
575	JHU_Ag_20282	DSEDFNNK	27	AGAP009584-PA	Splice junction	3R:+:36671522-36671527,36675298-36675315	Head	1	2
576	JHU_Ag_49474	DSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	55	AGAP011131-PA	Splice junction	3L:+:17690040-17690054,17690133-17690222	Ovary	2	3
577	JHU_Ag_26589	DSFSVPDTPSAPTVVDWSENHAVLK	42	AGAP001633-PA	Splice junction	2R:-:7166051-7166347,7153983-7165897	Remaining organs	20	21
578	JHU_Ag_51699	DSLLGLSEPLPR	54	AGAP003274-PA	Splice junction	2R:+:34774674-34774693,34775601-34775616	Ovary	1	2
579	JHU_Ag_99016	DSQASQSSSVSGVSSASAAR	159	AGAP003318-PA,AGAP003318-PB	Splice junction,Splice junction	2R:+:35926824-35926833,35927874-35927923;2R:+:35926824-35926833,35927874-35927923	Head	9	10
580	JHU_Ag_19562	DSSFGMSNAQMER	99	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	Pupa	2	3
581	JHU_Ag_37467	DSTVAVVVYDITNANSFHQTSK	49	AGAP011363-PA	Splice junction	3L:-:21995104-21995227,21991058-21991235	Male reproductive organs	3	4
582	JHU_Ag_8396	DTGLNKPICYELTALVPEYQK	44	AGAP002828-PA	Splice junction	2R:+:28060790-28060844,28060918-28060925	Midgut	4	5
583	JHU_Ag_73576	DTHVQNTSDK	29	AGAP005800-PA	Splice junction	2L:-:21192734-21194650,21192433-21192613	Midgut	2	3
584	JHU_Ag_108405	DTPANGDETEAEESGGESGPTGQSLDPQLER	41	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31193774-31193867,31192160-31192322;2R:-:31193774-31193867,31192160-31192322	Head	9	10
585	JHU_Ag_74333	DTPAPSAYQPEK	99	AGAP008318-PA	Splice junction	3R:+:8962720-8962729,8962798-8962823	Head	7	8
586	JHU_Ag_47845	DTPEDNASIPFEFTADNQKR	59	AGAP002170-PA	Splice junction	2R:-:16834519-16834588,16834103-16834376	Salivary gland	2	3
587	JHU_Ag_32403	DTPQYQVQMEEMQRIR	37	AGAP004437-PB,AGAP004437-PC	Splice junction,Splice junction	2R:+:56001717-56001734,56001801-56001830;2R:+:56001717-56001734,56001801-56001830	Head	1	2
588	JHU_Ag_39584	DTSCGFWMFQGPMLQR	87	AGAP006638-PA	Splice junction	2L:-:35409871-35410147,35408792-35409192	Salivary gland	1	2
589	JHU_Ag_6940	DTYKEVCTDLEQAK	77	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction,Splice junction	UNKN:+:25040756-25040770,25040869-25040895;2R:+:44671941-44671955,44672056-44672082;2R:+:44671941-44671955,44672056-44672082	Ovary	1	2
590	JHU_Ag_23968	DVADFLYTILVDK	95	AGAP006688-PA	Splice junction	2L:+:36705126-36705136,36705202-36705229	Midgut	2	3
591	JHU_Ag_84432	DVANHYFPILSK	83	AGAP007742-PA	Splice junction	3R:+:178000-178022,178085-178097	Salivary gland	2	3
592	JHU_Ag_35781	DVDGLNTINEGR	72	AGAP002830-PA	Splice junction	2R:-:28079085-28079199,28078648-28078970	Head	3	4
593	JHU_Ag_107796	DVDNTGTVAETDR	92	AGAP008634-PA	Splice junction	3R:-:13790308-13790794,13790029-13790203	Head	3	4
594	JHU_Ag_39504	DVDNTGTVAETDRWEK	79	AGAP008634-PA	Splice junction	3R:-:13790308-13790794,13790029-13790194	Ovary	3	4
595	JHU_Ag_2723	DVDQDKVVEGVALFLK	126	AGAP010933-PA	residue overlap splice site	3L:+:13354499-13354546	Ovary	1	2
596	JHU_Ag_34873	DVDWSSVAATIVEK	71	AGAP006898-PA	residue overlap splice site	2L:-:39575889-39575848	Pupa	4	5
597	JHU_Ag_30283	DVEIEK	42	AGAP001569-PA,AGAP001569-PB	Splice junction,Splice junction	2R:+:6334045-6334060,6334158-6334159;2R:+:6334045-6334060,6334158-6334159	Head	2	3
598	JHU_Ag_4732	DVEPVNPCNPSPCGANAVCK	68	AGAP010023-PA	Splice junction	3R:+:47889326-47889385	Salivary gland	11	12

599	JHU_Ag_18333	DVFTGDEMFSDTYK	94	AGAP002667-PA	Splice junction	2R:+:25262307-25262319,25262827-25262855	Malpighian tubule	1	2
600	JHU_Ag_23413	DVFTGDEMFSDTYKVK	115	AGAP002667-PA	Splice junction	2R:+:25262307-25262319,25262827-25262861	Malpighian tubule	1	2
601	JHU_Ag_87117	DVFVHVVDNENVTEEDVYEK	96	AGAP002655-PA	Splice junction	2R:+:25190255-25190285,25190840-25190868	Head	2	3
602	JHU_Ag_37434	DVHAAESAQTQACEK	74	AGAP004487-PA	Splice junction	2R:-:56845267-56845438,56844828-56844905	Ovary	4	5
603	JHU_Ag_62570	DVIEIVLGGWTNTQSAGR	83	AGAP006195-PA	Splice junction	2L:-:28215611-28215793,28215194-28215497	Midgut	2	3
604	JHU_Ag_7802	DVIQCTSSGLQAIR	40	AGAP011936-PA	Splice junction	3L:+:35359391-35359414,35359526-35359543	Larva	2	3
605	JHU_Ag_5443	DVLALR	32	AGAP008727-PA	Splice junction	3R:+:16158647-16158655,16158756-16158764	Head	1	2
606	JHU_Ag_108542	DVLALREK	45	AGAP008727-PA	Splice junction	3R:+:16158647-16158655,16158756-16158770	Malpighian tubule	1	2
607	JHU_Ag_80978	DVLENEDVK	36	AGAP012161-PA	Splice junction	3L:+:38174130-38174156	Pupa	11	12
608	JHU_Ag_19257	DVLGSPFLLQAIPTGEADK	99	AGAP004335-PA	Splice junction	2R:+:54789444-54789491,54789597-54789605	Malpighian tubule	6	7
609	JHU_Ag_55095	DVLQQLYGHLDGSAASSGGNADNVDIPGLGFGQSEYFPYVYYK	184	AGAP005845-PA	Splice junction	2L:-:22427820-22427890,22427582-22427615	Malpighian tubule	7	8
610	JHU_Ag_28380	DVLTNFHGMALTTDKLR	39	AGAP003532-PA	Splice junction	2R:-:39214591-39214882,39213996-39214305	Larva	1	2
611	JHU_Ag_54742	DVQIFNLKPILDPTANSR	69	AGAP005174-PA	Splice junction	2L:-:11377098-11377719,11376844-11376968	Midgut	2	3
612	JHU_Ag_65654	DVSRPEMAEVLNVIHMPPLPGLTPNGCR	55	AGAP002559-PB,AGAP002559-PA	Splice junction,Splice junction	2R:-:22829908-22830172,22829180-22829759;2R:-:22829908-22830172,22829180-22829759	Pupa	1	2
613	JHU_Ag_53557	DWEISDLNAQVNDLR	73	AGAP001053-PC,AGAP001053-PD	Splice junction,Splice junction	X:+:21357155-21357163,21364143-21364178;X:+:21357155-21357163,21364143-21364178	Midgut	3	4
614	JHU_Ag_67039	DWEISDLNAQVNDLRGK	68	AGAP001053-PC,AGAP001053-PD	Splice junction,Splice junction	X:+:21357155-21357163,21364143-21364184;X:+:21357155-21357163,21364143-21364184	Head	3	4
615	JHU_Ag_89464	DWMSILPAGQVPNWVMGNHDRPR	93	AGAP011939-PA	Splice junction	3L:-:35408768-35408972,35408055-35408627	Midgut	1	2
616	JHU_Ag_41655	DYADFFAK	49	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	Splice junction,Splice junction,Splice junction	2L:+:21609483-21609506;2L:+:21609483-21609506;2L:+:21609483-21609506	Head	6	7
617	JHU_Ag_35059	DYAEFYK	41	AGAP007768-PA	Splice junction	3R:+:508537-508556,508643-508643	Remaining organs	1	2
618	JHU_Ag_67955	DYAEFYKTYDANK	95	AGAP007768-PA	Splice junction	3R:+:508537-508556,508643-508661	Malpighian tubule	1	2
619	JHU_Ag_91634	DYDTLVRPLIEESTPCYILYR	34	AGAP003716-PA,AGAP003717-PA	residue overlap splice site,residue overlap splice site	2R:+:42411295-42411356,42411424-42411424;2R:+:42414915-42414976,42415044-42415044	Head	3	4
620	JHU_Ag_70427	DYEALSGELIFENNEIEK	38	AGAP002859-PA	Splice junction	2R:+:28422779-28422828,28465130-28465133	Remaining organs	1	2
621	JHU_Ag_29464	DYGLDTWFNPAR	70	AGAP007940-PC	Splice junction	3R:-:3226845-3227109,3226201-3226214	Remaining organs	1	2
622	JHU_Ag_36702	DYGVFLDDLGHTLR	85	AGAP007543-PA	Splice junction	2L:+:47439064-47439104,47439182-47439182	Malpighian tubule	1	2
623	JHU_Ag_12899	DYLEGDNSDIVATDSQK	83	AGAP008440-PA	Splice junction	3R:+:10813342-10813354,10813446-10813483	Head	1	2
624	JHU_Ag_155	DYSQAIDSPKPVGTNYSR	48	AGAP012240-PA	Splice junction	3L:+:39250480-39250498,39250571-39250605	Head	2	3
625	JHU_Ag_117018	DYVEDEESKLNQFYQAGLAK	77	AGAP009752-PA	residue overlap splice site	3R:+:42365336-42365395	Pupa	4	5
626	JHU_Ag_2516	EAALGTNPISVGAPGKDGDGFVLDMATTAVAVGK	91	AGAP006576-PC	residue overlap splice site	2L:-:34222060-34221959;2L:-:34222060-34221959	Midgut	2	3
627	JHU_Ag_89717	EAANVLGGIPLETGQKPYPLDYKLETYLK	53	AGAP009834-PA	Splice junction	3R:+:44052101-44052147,44052237-44052276	Ovary	2	3
628	JHU_Ag_47771	EAAQGNDESCLSILNNFYNDGLK	75	AGAP010196-PA,AGAP012666-PA	Splice junction,Splice junction	3R:+:50439210-50439221,50439304-50439360;UNKN:+:22871915-22871926,22872009-22872065	Remaining organs	2	3
629	JHU_Ag_39936	EAAQLDLGVLK	37	AGAP011537-PA	residue overlap splice site	3L:-:26931082-26931050	Ovary	1	2
630	JHU_Ag_33523	EADENLNFDEMILEAAK	59	AGAP007474-PA	Splice junction	2L:-:46755266-46755216	Male reproductive organs	8	9
631	JHU_Ag_108141	EADRPGSK	43	AGAP003556-PB,AGAP003556-PA	Splice junction,Splice junction	2R:+:39456739-39456760,39457019-39457020;2R:+:39456739-39456760,39457019-39457020	Ovary	1	2

632	JHU_Ag_42731	EAEAAQSAYYDPNRPQTAYVPPPAYYEPPPSYSSLNKK	83	AGAP011797-PA	Splice junction	3L:+:33316702-33316779,33316866-33316901	Male reproductive organs	3	4
633	JHU_Ag_51276	EAEARAEFAER	38	AGAP001797-PE,AGAP001797-PD,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:10574123-10574125,10578066-10578095;2R:+:10575126-10575128,10578066-10578095;2R:+:10575126-10575128,10578066-10578095;2R:+:10575126-10575128,10578066-10578095;2R:+:10574123-10574125,10578066-10578095	Malpighian tubule	6	7
634	JHU_Ag_26879	EAEEAAAAKAAK	41	AGAP004707-PA,AGAP004707-PB,AGAP004707-PC	Splice junction,Splice junction,Splice junction	2L:+:2399898-2399933;2L:+:2399898-2399933;2L:+:2399898-2399933	Remaining organs	9	10
635	JHU_Ag_54263	EAFALMDNDK	54	AGAP001622-PA	Splice junction	2R:+:6974043-6974045,6974150-6974176	Male reproductive organs	2	3
636	JHU_Ag_20219	EAFALMDNDKDGVIGK	42	AGAP001622-PA	Splice junction	2R:+:6974043-6974045,6974150-6974194	Malpighian tubule	2	3
637	JHU_Ag_8864	EAFDAQFAFLK	77	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	Splice junction,Splice junction,Splice junction	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	Male reproductive organs	1	2
638	JHU_Ag_23043	EAFEGLEENLQYLR	106	AGAP006183-PA	Splice junction	2L:-:27831184-27831315,27830893-27831054	Head	4	5
639	JHU_Ag_81128	EAFVKLLANFVR	62	AGAP003361-PA	Splice junction	2R:+:36739458-36739492,36739983-36739983	Malpighian tubule	1	2
640	JHU_Ag_46298	EAGAIIIATTSIPEINR	56	AGAP009617-PA	residue overlap splice site	3R:+:37046454-37046504	Salivary gland	1	2
641	JHU_Ag_62663	EAGFQILDGPNEPVNESIR	46	AGAP009985-PA	Splice junction	3R:-:47244513-47244785,47243836-47244370	Pupa	2	3
642	JHU_Ag_26986	EAGVPPGVVNFVPTDGPVFGDTITASPHLAGINFTGSVPTFNR	112	AGAP004366-PA	Splice junction	2R:-:55077861-55078585,55077077-55077655	Malpighian tubule	2	3
643	JHU_Ag_92617	EAIKDYVK	47	AGAP002782-PA	Splice junction	2R:+:27077187-27077205,27077302-27077306	Ovary	1	2
644	JHU_Ag_7642	EAILNLSQPNRPPQHASLER	53	AGAP008379-PA	residue overlap splice site	3R:-:10135336-10135397,10134895-10135190	Head	3	4
645	JHU_Ag_7266	EAITGTYIDK	57	AGAP009998-PA	Splice junction	3R:+:47432577-47432579,47432787-47432813	Malpighian tubule	2	3
646	JHU_Ag_2950	EAITGTYIDKK	54	AGAP009998-PA	Splice junction	3R:+:47432577-47432579,47432787-47432816	Salivary gland	2	3
647	JHU_Ag_18835	EALASDLMGLFEK	110	AGAP010025-PA	Splice junction	3R:-:47952968-47953337,47951142-47951604	Head	1	2
648	JHU_Ag_42793	EALLASTEVGINDVASSGRPR	56	AGAP000198-PA	Splice junction	X:+:3236794-3236816,3236906-3236945	Pupa	3	4
649	JHU_Ag_2253	EALLKLK	37	AGAP004833-PA	Splice junction	2L:+:4235204-4235218,4235348-4235353	Ovary	3	4
650	JHU_Ag_86301	EANAPSAEQAAQNTEDLLPREPCLQALAALR	66	AGAP001905-PA	Splice junction	2R:+:11982874-11982877,11985612-11985700	Ovary	4	5
651	JHU_Ag_20644	EANQVINPR	45	AGAP005652-PA	Splice junction	2L:+:18299989-18300000,18300094-18300108	Malpighian tubule	3	4
652	JHU_Ag_93877	EAQNTNAMLTTFNEIDMSFIMDFRK	102	AGAP004055-PB	Splice junction	2R:-:49087947-49088584,49086882-49087005	Malpighian tubule	3	4
653	JHU_Ag_80209	EARPAQENVPPR	61	AGAP002340-PA	Splice junction	2R:+:20288007-20288031,20288116-20288126	Malpighian tubule	2	3
654	JHU_Ag_104117	EARPFIYQEVIDLGSEPVTASQYTDLGHVTEFK	64	AGAP006371-PA	Splice junction	2L:-:30562542-30563157,30561675-30562368	Salivary gland	1	2
655	JHU_Ag_115489	EASLEEILAAYQR	68	AGAP006577-PA	Splice junction	2L:-:34227737-34227782,34227465-34227580	Male reproductive organs	1	2
656	JHU_Ag_19358	EATADFDDVGHSTDAK	110	AGAP002113-PA,AGAP002113-PB	Splice junction,Splice junction	2R:+:15755955-15756001,15756209-15756209;2R:+:15755955-15756001,15756209-15756209	Head	2	3
657	JHU_Ag_84924	EATEMLVGNAQNLMQSVK	79	AGAP007532-PA	Splice junction	2L:-:47246064-47248749,47245818-47245920	Male reproductive organs	2	3
658	JHU_Ag_20479	EAVIQSLR	36	AGAP005235-PA	Splice junction	2L:-:12668360-12668504,12668083-12668250	Malpighian tubule	3	4
659	JHU_Ag_58	EAVKEQGDLVR	76	AGAP008604-PA	Splice junction	3R:-:13511889-13512003,13510094-13511760	Remaining organs	1	2
660	JHU_Ag_11297	ECLDLDHTGAPVCTGGK	42	AGAP001662-PA	Splice junction	2R:-:7622774-7622939,7622599-7622626	Malpighian tubule	2	3
661	JHU_Ag_7265	ECSMDIAVGVTNYAYQK	36	AGAP004159-PA	residue overlap splice site	2R:-:50948563-50948513;2R:-:50948563-50948513	Salivary gland	2	3
662	JHU_Ag_6657	ECTWGPSYWCSNIENAK	95	AGAP001082-PB,AGAP001082-PA	Splice junction,Splice junction	X:-:23486169-23486240,23477034-23479177;X:-:23486169-23486240,23477034-23479177	Midgut	2	3

663	JHU_Ag_15694	EDDSGTYTCVCFTEDGLR	41	AGAP003656-PB,AGAP003656-PA	Splice junction,Splice junction	2R:+:41210058-41210111;2R:+:41210058-41210111	Pupa	43	44
664	JHU_Ag_101032	EDIELIIR	42	AGAP004606-PA	Splice junction	2R:+:58339178-58339195,58339259-58339264	Ovary	2	3
665	JHU_Ag_2316	EDQAVLYDVGHCSLAFHR	51	AGAP003067-PA	Splice junction	2R:-:31953639-31953917,31953231-31953481	Head	2	3
666	JHU_Ag_109929	EDQTPLHVASR	33	AGAP009937-PA	Splice junction	3R:+:45693293-45693324,45693391-45693391	Head	4	5
667	JHU_Ag_74171	EDWDGSFDTPWR	76	AGAP006569-PA	Splice junction	2L:+:34164046-34164069,34164137-34164148	Head	3	4
668	JHU_Ag_45117	EEAAAEQLDDDGYWMEPTEEQQQQFRPNR	82	AGAP006772-PA	Splice junction	2L:+:38106890-38106938,38107006-38107043	Head	2	3
669	JHU_Ag_1398	EEAESEVAALNR	72	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050	Pupa	1	2
670	JHU_Ag_26423	EEAESEVAALNRR	51	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053	Head	1	2
671	JHU_Ag_31822	EEAPAASLNSSASR	83	AGAP007364-PA	Splice junction	2L:+:46082295-46082334,46082923-46082924	Ovary	2	3
672	JHU_Ag_68578	EECDISLWDEGYPVPR	70	AGAP013478-PA,AGAP013478-PB	Splice junction,Splice junction	2R:+:5857649-5857653,5857723-5857765;2R:+:5857649-5857653,5857723-5857765	Midgut	1	2
673	JHU_Ag_58612	EEEIAQIHEETGFTPNQIER	115	AGAP001760-PA	Splice junction	2R:-:9484964-9484994,9483750-9484230	Midgut	1	2
674	JHU_Ag_21679	EEGVLSLWR	47	AGAP012097-PA	Splice junction	3L:+:37636658-37636664,37636742-37636761	Male reproductive organs	2	3
675	JHU_Ag_48418	EEILSLSADRR	47	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	Splice junction,Splice junction,Splice junction,Splice junction	2R:-:53549005-53549119,53548757-53548888;2R:-:53549005-53549119,53548757-53548888;2R:-:53549005-53549119,53548757-53548888;2R:-:53549005-53549119,53548757-53548888	Head	6	7
676	JHU_Ag_35630	EELTAAYKEAEAGR	71	AGAP004877-PA	Splice junction	2L:+:4857624-4857659,4857737-4857742	Malpighian tubule	5	6
677	JHU_Ag_42578	EELYSNLTK	42	AGAP006686-PA	Splice junction	2L:+:36701368-36701382,36701460-36701471	Midgut	4	5
678	JHU_Ag_40092	EEPAAAAAATNGDATESEK	140	AGAP006478-PA	residue overlap splice site	2L:+:32812984-32813035,32813130-32813134	Head	6	7
679	JHU_Ag_33970	EEPAAAAAATNGDATESEKK	44	AGAP006478-PA	Splice junction	2L:+:32812984-32813035,32813130-32813137	Malpighian tubule	6	7
680	JHU_Ag_23754	EEQLNTYPSSYSGPAIGHFTQMASDQSDK	131	AGAP006418-PA	Splice junction	2L:+:31686638-31686675,31686757-31686805	Male reproductive organs	2	3
681	JHU_Ag_26182	EESFPEEDLLLEYEIPTNLR	84	AGAP002456-PA,AGAP002456-PB	Splice junction,Splice junction	2R:-:21567398-21567794,21566869-21567164;2R:-:21567398-21567794,21566869-21567164	Head	6	7
682	JHU_Ag_113742	EESGEADDGGPRK	50	AGAP002351-PA	Splice junction	2R:-:20535168-20537405,20534862-20535065	Malpighian tubule	2	3
683	JHU_Ag_47132	EEWPALKPTMPMGQMPVLEVDGK	72	AGAP010404-PA	Splice junction	3L:-:2783233-2783363,2782001-2782125	Pupa	2	3
684	JHU_Ag_49557	EEWPALKPTMPMGQMPVLEVDGKK	34	AGAP010404-PA	Splice junction	3L:-:2783233-2783363,2782001-2782122	Malpighian tubule	2	3
685	JHU_Ag_1041	EEWSQELAR	52	AGAP004868-PA	Splice junction	2L:-:4682148-4682255,4681898-4682047	Head	2	3
686	JHU_Ag_99248	EFIWGLGK	46	AGAP002748-PA	Splice junction	2R:+:26652791-26652801,26653488-26653500	Salivary gland	4	5
687	JHU_Ag_4390	EFMTLVAGMR	48	AGAP012800-PA	Splice junction	UNKN:-:30043301-30043404,30043064-30043205	Malpighian tubule	3	4
688	JHU_Ag_64314	EFPDTFGFSVSHTTR	76	AGAP011105-PA	Splice junction	3L:-:16996095-16996202,16995863-16995991	Head	2	3
689	JHU_Ag_19495	EFPPLFNFTEQELAIQPSLNLILRPR	79	AGAP004443-PB,AGAP004443-PA	Splice junction,Splice junction	2R:-:56134878-56135031,56134402-56134702;2R:-:56134878-56135031,56134402-56134702	Head	7	8

690	JHU_Ag_84998	EFSGAIEEGFKAIVR	92	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:43349178-43349217,43349287-43349291;UNKN:+:40397674-40397713,40397785-40397789;2R:+:43349178-43349217,43349287-43349291;2R:+:43349178-43349217,43349287-43349291;2R:+:43349178-43349217,43349287-43349291	Malpighian tubule	3	4
691	JHU_Ag_25397	EFTLEEEDKEAK	87	AGAP001053-PC,AGAP001053-PH,AGAP001053-PF	Splice junction,Splice junction,Splice junction	X:+:21364380-21364409,21365651-21365656;X:+:21364380-21364409,21365651-21365656;X:+:21364380-21364409,21365651-21365656	Male reproductive organs	5	6
692	JHU_Ag_23051	EFVNNYLAR	40	AGAP006949-PA	Splice junction	2L:-:40210890-40211364,40210712-40210793	Midgut	2	3
693	JHU_Ag_4810	EFVNSQGLNHEQNIK	91	AGAP012281-PA	Splice junction	3L:+:39765252-39765270,39765345-39765370	Head	3	4
694	JHU_Ag_3999	EFVNSQGLNHEQNIKK	70	AGAP012281-PA	Splice junction	3L:+:39765252-39765270,39765345-39765373	Ovary	3	4
695	JHU_Ag_96688	EGDFEGLENLDSLILAHNQLTEVPAR	176	AGAP006183-PA	Splice junction	2L:-:27831457-27831578,27831163-27831254	Head	3	4
696	JHU_Ag_50843	EGEESCYTYFQDER	74	AGAP008117-PA	residue overlap splice site	3R:+:5882093-5882126,5882194-5882201	Larva	7	8
697	JHU_Ag_21755	EGEGVCNGDSGGPLVYEGK	73	AGAP007142-PA	Splice junction	2L:+:43564912-43564932,43565005-43565040	Midgut	2	3
698	JHU_Ag_31626	EGHVLPIENVNIIDFACGNNHTVAIDSK	64	AGAP002151-PA	Splice junction	2R:+:16504716-16504781,16504860-16504877	Ovary	3	4
699	JHU_Ag_35306	EGNGYITTSTLK	76	AGAP009330-PA	Splice junction	3R:+:31456823-31456848,31459974-31459983	Head	2	3
700	JHU_Ag_10721	EGSDEIAGMNMLYVSQQSDKEEYQCK	54	AGAP004528-PA	Splice junction	2R:-:57393550-57393639,57393018-57393381	Midgut	2	3
701	JHU_Ag_18218	EGTKPDPPSLFQLR	32	AGAP009518-PA	Splice junction	3R:-:35131941-35132031,35131422-35131812	Head	5	6
702	JHU_Ag_88762	EGTLMNDSVIAQK	47	AGAP001179-PA	Splice junction	2R:-:739631-739989,737950-739203	Malpighian tubule	4	5
703	JHU_Ag_80447	EGVFDVYNEYIR	65	AGAP011560-PA	Splice junction	3L:+:27751665-27751700	Midgut	6	7
704	JHU_Ag_82082	EGVTLAEVLDYENVLQECK	77	AGAP006017-PA	Splice junction	2L:-:24699389-24699443,24699241-24699267	Head	1	2
705	JHU_Ag_24953	EGYFFSNEPGYYK	48	AGAP012802-PA,AGAP004109-PA	Splice junction,Splice junction	UNKN:+:30079172-30079193,30079261-30079277;2R:+:50061093-50061114,50061182-50061198	Head	2	3
706	JHU_Ag_16024	EGYSGDNCDNQLDTRPTVPPR	128	AGAP003656-PB	residue overlap splice site	2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512	Malpighian tubule	33	34
707	JHU_Ag_69885	EHSNSFSYNYGSPAFPTAGENAYSTTHR	172	AGAP001678-PA,AGAP001678-PB	Splice junction,Splice junction	2R:-:8066592-8066662,8066291-8066426;2R:-:8066592-8066662,8066291-8066426	Head	12	13
708	JHU_Ag_16797	EHVNVVFIGHVDAGK	69	AGAP009310-PA	Splice junction	3R:+:31160525-31160558,31160657-31160667	Ovary	1	2
709	JHU_Ag_41962	EICEVIASGVQPLQNLIVLIHVGEEK	85	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	Splice junction,Splice junction,Splice junction	2R:-:29081243-29081350,29080820-29081093;2R:-:29081243-29081350,29080820-29081093;2R:-:29081243-29081350,29080820-29081093	Ovary	2	3
710	JHU_Ag_21913	EICYEVLGLLDK	100	AGAP007643-PA,AGAP007643-PC	Splice junction,Splice junction	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	Head	3	4
711	JHU_Ag_25806	EICYEVLGLLDKFLIPK	93	AGAP007643-PA,AGAP007643-PC	Splice junction,Splice junction	2L:-:48612208-48612314,48611954-48612048;2L:-:48612208-48612314,48611954-48612048	Head	3	4
712	JHU_Ag_4692	EIDVNSLDDLER	75	AGAP007629-PB	residue overlap splice site	2L:+:48482664-48482694,48482772-48482776	Salivary gland	8	9
713	JHU_Ag_3980	EIDVNSLDDLERR	67	AGAP007629-PB	Splice junction	2L:+:48482664-48482694,48482772-48482779	Ovary	8	9
714	JHU_Ag_27857	EIEQEIAHSNPLVSESQPIASLNQEYLDDPVYISK	188	AGAP009507-PA	Splice junction	3R:-:34968645-34968759,34967760-34968393	Ovary	1	2
715	JHU_Ag_22454	EIGEEYKYPR	59	AGAP013346-PA,AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	Splice junction,Splice junction,Splice junction,Splice junction	2R:-:43104010-43104355,43103777-43103921;2R:-:43101442-43101787,43101187-43101349;2R:-:43098635-43098977,43098169-43098331;2R:-:43095506-43095848,43095252-43095414	Male reproductive organs	1	2

716	JHU_Ag_18462	EIGSSLGIPLYVFGPETHMTAICGMALGK	64	AGAP010156-PA	Splice junction	3R:+:49550968-49550986,49551064-49551131	Remaining organs	4	5
717	JHU_Ag_63653	EIITYFNSGEK	37	AGAP010177-PA	Splice junction	3R:+:49945962-49945964,49946049-49946078	Ovary	1	2
718	JHU_Ag_15302	EILDEAFR	57	AGAP005531-PA	Splice junction	2L:-:16665758-16666780,16664598-16665661	Salivary gland	2	3
719	JHU_Ag_9365	EIMELHHQK	48	AGAP010517-PA	Splice junction	3L:-:5582579-5582670,5582107-5582468	Ovary	2	3
720	JHU_Ag_109964	EIMELHHQKHHNAYVTNLNAAEEQLQDAVAK	88	AGAP010517-PA	Splice junction	3L:-:5582579-5582670,5582107-5582402	Malpighian tubule	2	3
721	JHU_Ag_9895	EINVNGETFHYFDIASFPEYR	90	AGAP007258-PA	Splice junction	2L:-:44760255-44760284,44757513-44760120	Midgut	2	3
722	JHU_Ag_46649	EIPCTFIYEDDKCVAFNDVAPQAPVHFLVIPR	136	AGAP006353-PA	Splice junction	2L:+:30441820-30441855,30441942-30442001	Remaining organs	1	2
723	JHU_Ag_107888	EIQAAQYMLQQSVR	72	AGAP005015-PA	Splice junction	2L:-:8303307-8303442,8302620-8302665	Ovary	8	9
724	JHU_Ag_93492	EITPPSAPR	37	AGAP007563-PA	Splice junction	2L:+:47713858-47713864,47714337-47714356	Head	23	24
725	JHU_Ag_39552	EITSHNLCSNAANLFEDKR	134	AGAP004606-PA	Splice junction	2R:+:58338966-58338995,58339088-58339114	Ovary	1	2
726	JHU_Ag_42845	EIVCTVLK	40	AGAP011284-PA	Splice junction	3L:+:20552933-20552941,20553054-20553068	Ovary	2	3
727	JHU_Ag_71609	EIVLVDDCSTLASLK	67	AGAP012253-PA	Splice junction	3L:-:39411324-39411867,39411059-39411213	Salivary gland	1	2
728	JHU_Ag_36364	EIYEKIQEGVFDINNEANGIK	77	AGAP005393-PA	Splice junction	2L:+:14909040-14909087,14909188-14909202	Malpighian tubule	3	4
729	JHU_Ag_32980	EKALQNAESEVAALNR	47	AGAP001797-PE	Splice junction	2R:+:10546078-10546095,10563021-10563050	Male reproductive organs	1	2
730	JHU_Ag_82743	EKLLQNLGK	35	AGAP005076-PA,AGAP005076-PB	Splice junction,Splice junction	2L:+:9658131-9658136,9686725-9686745;2L:+:9658131-9658136,9686725-9686745	Remaining organs	1	2
731	JHU_Ag_29171	EKNIQK	39	AGAP005732-PA	Splice junction	2L:+:19928176-19928182,19928254-19928264	Head	3	4
732	JHU_Ag_26994	EKNPLPDVEAIQAEK	54	AGAP000235-PC	Splice junction	X:+:4425474-4425501,4428285-4428301	Head	1	2
733	JHU_Ag_2708	EKPVLEIYPSEPQTIK	99	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	Ovary	37	38
734	JHU_Ag_48729	EKPVLEIYPSEPQTIKVGESVR	127	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41202094-41202159;2R:+:41202094-41202159;2R:+:41202094-41202159	Malpighian tubule	37	38
735	JHU_Ag_37012	EKVAIIGSGLIGR	83	AGAP013544-PA	Splice junction	2L:+:46190828-46190850,46191443-46191458	Midgut	1	2
736	JHU_Ag_21508	ELAPLAQEIDKQNEFK	38	AGAP006780-PA	Splice junction	2L:+:38172976-38173022,38173223-38173223	Male reproductive organs	2	3
737	JHU_Ag_107845	ELAQDGHEVTMISPFPLK	136	AGAP006222-PA	Splice junction	2L:+:28524440-28524463,28524534-28524563	Midgut	1	2
738	JHU_Ag_39670	ELASHGIDLPAFGR	85	AGAP006360-PA	Splice junction	2L:+:30473145-30473149,30480143-30480179	Head	2	3
739	JHU_Ag_25342	ELDDLLDSALEDFSK	129	AGAP008804-PA	Splice junction	3R:+:18063474-18063495,18063634-18063656	Malpighian tubule	1	2
740	JHU_Ag_27406	ELDELMLK	59	AGAP007827-PA,AGAP007827-PB	Splice junction,Splice junction	3R:+:1485572-1485574,1485720-1485740;3R:+:1485572-1485574,1485720-1485740	Midgut	1	2
741	JHU_Ag_47149	ELDELMLKLDGTENK	47	AGAP007827-PA,AGAP007827-PB	Splice junction,Splice junction	3R:+:1485572-1485574,1485720-1485761;3R:+:1485572-1485574,1485720-1485761	Midgut	1	2
742	JHU_Ag_26204	ELDKFLADHSYVEGYAPSK	101	AGAP010612-PA	Splice junction	3L:-:7171350-7171389,7170626-7171199	Ovary	1	2
743	JHU_Ag_37950	ELDLSENDLTSVPLITHSLPNLKR	111	AGAP000019-PA	residue overlap splice site	X:+:287619-287686,287762-287765	Head	6	7
744	JHU_Ag_42672	ELDVGLANGIR	62	AGAP004715-PA	Splice junction	2L:+:2619748-2619780	Ovary	5	6
745	JHU_Ag_27202	ELEEGAK	37	AGAP000901-PA	Splice junction	X:-:17036152-17036473,17035903-17035984	Midgut	1	2
746	JHU_Ag_49671	ELEEGAKKPFK	35	AGAP000901-PA	Splice junction	X:-:17036152-17036473,17035903-17035972	Pupa	1	2
747	JHU_Ag_47707	ELEENIVSVNEIYKK	33	AGAP005543-PA	Splice junction	2L:-:16875655-16876064,16875423-16875543	Midgut	3	4
748	JHU_Ag_18900	ELESGSFGEMADGLIDLAGTILIK	71	AGAP010917-PA	Splice junction	3L:+:12935311-12935358,12935435-12935458	Malpighian tubule	3	4
749	JHU_Ag_32068	ELGLISPTGYRVEDLYEEVDYGVLSPQTK	81	AGAP009621-PA	Splice junction	3R:-:37082137-37082263,37081862-37081973	Malpighian tubule	5	6
750	JHU_Ag_52508	ELHTMNTVWVSCEGENAADIENVGQIQYYPR	55	AGAP007791-PA,AGAP007791-PB	Splice junction,Splice junction	3R:-:888948-889229,888695-888783;3R:-:888948-889229,888695-888783	Larva	4	5
751	JHU_Ag_13975	ELIGETNFMQR	70	AGAP007642-PA	Splice junction	2L:-:48594035-48595295,48593788-48593923	Malpighian tubule	5	6

752	JHU_Ag_72211	ELIHDFER	53	AGAP006206-PB,AGAP006206-PA	residue overlap splice site,residue overlap splice site	2L:-:28242722-28242915,28241650-28242628;2L:-:28242722-28242915,28242493-28242628	Male reproductive organs	2	3
753	JHU_Ag_4601	ELIIGDRQTGK	83	AGAP005134-PA	Splice junction	2L:+:10356892-10356920,10357062-10357065	Malpighian tubule	3	4
754	JHU_Ag_11477	ELKDALVGHEFSIGSYKPIR	123	AGAP010463-PA	Splice junction	3L:+:3941941-3941943,3942009-3942065	Malpighian tubule	1	2
755	JHU_Ag_1305	ELLDVPDNYK	39	AGAP004598-PA	Splice junction	2R:-:58259326-58259494,58258863-58259214	Pupa	1	2
756	JHU_Ag_45719	ELLNVFRDEHNLSTLINRPALGVFPGEDWPNR	33	AGAP006966-PA	Splice junction	2L:+:40288206-40288245,40289295-40289350	Head	3	4
757	JHU_Ag_87613	ELMLEAMQQELPK	83	AGAP006063-PA	Splice junction	2L:+:25964468-25964494,25972511-25972522	Salivary gland	2	3
758	JHU_Ag_14230	ELMPLQSDSLMHPPEFTK	53	AGAP001633-PA	Splice junction	2R:-:7153992-7165961,7153607-7153866	Male reproductive organs	21	22
759	JHU_Ag_28616	ELNDYEIR	56	AGAP001419-PC	Splice junction	2R:+:4708164-4708166,4713929-4713949	Malpighian tubule	4	5
760	JHU_Ag_5813	ELNNYEIKPGNCLK	66	AGAP001419-PB	Splice junction	2R:+:4708164-4708166,4711718-4711756	Ovary	4	5
761	JHU_Ag_1805	ELPPDAMTLGNHEFDHSPK	143	AGAP011026-PA	Splice junction	3L:-:14585687-14585892,14585381-14585555	Salivary gland	2	3
762	JHU_Ag_50404	ELPVWVIGQAGHDEADESPYK	49	AGAP004435-PA	Splice junction	2R:+:55995358-55995379,55995454-55995494	Head	1	2
763	JHU_Ag_72996	ELQSVEGEGGQENK	63	AGAP007942-PA,AGAP007942-PB	Splice junction,Splice junction	3R:+:3233926-3233958,3237783-3237791;3R:+:3233926-3233958,3237783-3237791	Pupa	5	6
764	JHU_Ag_92723	ELQSVEGEGGQENKLGDICFSLR	162	AGAP007942-PA,AGAP007942-PB	Splice junction,Splice junction	3R:+:3233926-3233958,3237783-3237818;3R:+:3233926-3233958,3237783-3237818	Head	5	6
765	JHU_Ag_56433	ELSGTLTSIKHEQDYMHVR	104	AGAP004743-PA	Splice junction	2L:+:3020874-3020924,3020985-3020990	Male reproductive organs	3	4
766	JHU_Ag_4624	ELSNITSQQSEVIDTIENSIGR	118	AGAP011727-PA	Splice junction	3L:+:32497486-32497525,32497610-32497635	Head	4	5
767	JHU_Ag_59740	ELSSDKSYVQLMQER	103	AGAP003200-PA	Splice junction	2R:+:33799790-33799807,33799880-33799906	Malpighian tubule	3	4
768	JHU_Ag_5952	ELTQLLVDDINDNK	94	AGAP002413-PB	Splice junction	2R:+:21028698-21028709,21029561-21029590	Malpighian tubule	5	6
769	JHU_Ag_74411	ELYHPTTNDLHLEIR	91	AGAP003610-PA	Splice junction	2R:-:40489450-40491954,40488867-40489323	Remaining organs	7	8
770	JHU_Ag_73632	EMEALWNLNIPEVIDETQKPK	70	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Splice junction,Splice junction,Splice junction	2L:+:47651008-47651033,47651107-47651143;2L:+:47651008-47651033,47651107-47651143;2L:+:47651008-47651033,47651107-47651143	Remaining organs	7	8
771	JHU_Ag_109342	EMIHNLIHLGINVIADGNR	119	AGAP003023-PA	Splice junction	2R:-:31227040-31227767,31226737-31226913	Head	6	7
772	JHU_Ag_12367	EMTYLDQVINETLR	81	AGAP002862-PA,AGAP013128-PA	Splice junction,Splice junction	2R:-:28481493-28482564,28480944-28481349;2R:-:28483809-28484868,28483301-28483706	Head	1	2
773	JHU_Ag_29277	ENCQYSNPCFPGVQCYDTSTGMR	29	AGAP002157-PB,AGAP002157-PA	Splice junction,Splice junction	2R:-:16578751-16578894,16578530-16578613;2R:-:16578751-16578894,16578530-16578613	Larva	7	8
774	JHU_Ag_5035	ENDVDAVHPGYGFLSER	95	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:3004379-3004703,3003022-3004253;2L:-:3004379-3004703,3003022-3004253	Salivary gland	1	2
775	JHU_Ag_14626	ENDVDAVHPGYGFLSERSDFAQAVIDAGLR	56	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:3004379-3004703,3003022-3004214;2L:-:3004379-3004703,3003022-3004214	Malpighian tubule	1	2
776	JHU_Ag_26115	ENDVITLIQR	65	AGAP004766-PA	Splice junction	2L:+:3175254-3175283	Head	10	11
777	JHU_Ag_91130	ENGLLSSLPYFGK	54	AGAP009498-PA	Splice junction	3R:+:34757375-34757377,34757442-34757477	Larva	2	3
778	JHU_Ag_60076	ENHNVTELFQELLNMEK	63	AGAP005302-PA	Splice junction	2L:+:13876419-13876448,13876541-13876561	Head	4	5
779	JHU_Ag_14519	ENLQSPYQWMNFNETLLR	54	AGAP011603-PA	Splice junction	3L:-:29282510-29282660,29282094-29282351	Larva	2	3
780	JHU_Ag_14411	ENLWSSILSEVQTQSNTK	82	AGAP000723-PA	Splice junction	X:+:13142913-13142923,13146397-13146439	Head	1	2
781	JHU_Ag_43116	ENLWSSILSEVQTQSNTKLPSNK	49	AGAP000723-PA	Splice junction	X:+:13142913-13142923,13146397-13146454	Ovary	1	2
782	JHU_Ag_2576	ENVHVTDVFER	63	AGAP005255-PA	Splice junction	2L:-:13244308-13244462,13244027-13244162	Head	3	4
783	JHU_Ag_102883	EPCPGCVAPYGYHNLMPLSTDANLFSQEVQR	40	AGAP000815-PA	Splice junction	X:+:14942329-14942406,14946046-14946060	Head	3	4
784	JHU_Ag_24235	EPDSLTVHDWADVYNK	46	AGAP005471-PA	Splice junction	2L:+:16048973-16049020	Remaining organs	21	22
785	JHU_Ag_9109	EPGPSISDCISGVDAR	64	AGAP005100-PA	Splice junction	2L:+:10116786-10116821,10116907-10116918	Head	1	2
786	JHU_Ag_84246	EPILLSHAQVQAFR	96	AGAP007550-PA	Splice junction	2L:+:47534507-47534533,47534874-47534888	Head	5	6

787	JHU_Ag_76324	EPLMEEYSIAAQVWK	76	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB	Splice junction,Splice junction,Splice junction	X:-:10149905-10149861;X:-:10149905-10149861;X:-:10149905-10149861;X:-:10149905-10149861	Midgut	5	6
788	JHU_Ag_45269	EPNFFETTSSFSSK	54	AGAP000941-PB	Splice junction	X:-:18250686-18250842,18248081-18248101	Head	1	2
789	JHU_Ag_13196	EPNFFETTSSSTTSNAATSMK	112	AGAP000941-PA	Splice junction	X:-:18250686-18250842,18244855-18244903	Male reproductive organs	1	2
790	JHU_Ag_69218	EPPMSQEPAPVYQTQPVAAIYQGGSNMR	82	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	Splice junction,Splice junction,Splice junction	2L:+:21590880-21590946,21598827-21598843;2L:+:21590880-21590946,21598827-21598843;2L:+:21590880-21590946,21598827-21598843	Head	5	6
791	JHU_Ag_8369	EPSELAATGQIPTSINIPLK	91	AGAP007534-PB,AGAP007534-PC	Splice junction,Splice junction	2L:-:47269300-47269422,47269006-47269161;2L:-:47269300-47269492,47269006-47269161	Midgut	2	3
792	JHU_Ag_1970	EPSSLALGTIIDGSDSKPALMLTNIVTGR	115	AGAP008639-PA	Splice junction	3R:+:13814412-13814474,13814544-13814567	Midgut	3	4
793	JHU_Ag_36006	EPVQEYVNPCQPSPCGPNSQCR	70	AGAP010023-PA,AGAP010024-PA	Splice junction,Splice junction	3R:+:47892449-47892452,47892699-47892760;3R:+:47931492-47931495,47931742-47931803	Salivary gland	14	15
794	JHU_Ag_15904	EQAVQVAK	54	AGAP004744-PA	Splice junction	2L:+:3023455-3023469,3023539-3023547	Remaining organs	5	6
795	JHU_Ag_75772	EQDETLLQPFSYIQQIPGK	50	AGAP006894-PA	Splice junction	2L:-:39557705-39557765,39557419-39557529	Head	1	2
796	JHU_Ag_2041	EQEQAVNSEDYGHDYEHLLILQNK	74	AGAP004440-PA,AGAP004440-PC	Splice junction,Splice junction	2R:+:56073928-56073984,56074047-56074061;2R:+:56073928-56073984,56074047-56074061	Head	4	5
797	JHU_Ag_40420	EQIVQLHMEAEGR	39	AGAP000626-PA	Splice junction	X:-:11272621-11272583	Head	4	5
798	JHU_Ag_75608	EQMNEVLDAMFEK	99	AGAP004940-PA	Splice junction	2L:+:6258699-6258704,6259655-6259687	Head	2	3
799	JHU_Ag_44059	EQQIVIQSSGGLSK	57	AGAP010876-PA	Splice junction	3L:+:12375005-12375014,12375108-12375139	Remaining organs	1	2
800	JHU_Ag_7124	EQQIVIQSSGGLSKDEIENMIK	111	AGAP010876-PA	Splice junction	3L:+:12375005-12375014,12375108-12375163	Remaining organs	1	2
801	JHU_Ag_51045	EQTNPMVLQK	46	AGAP002145-PA	Splice junction	2R:-:16417468-16417600,16417282-16417351	Head	4	5
802	JHU_Ag_51541	EQVPIWGLEAVYR	54	AGAP007123-PA	Splice junction	2L:+:43057313-43057318,43057380-43057412	Pupa	6	7
803	JHU_Ag_116549	EQYINLLSDFLYR	99	AGAP008190-PA	Splice junction	3R:+:6533991-6534005,6534075-6534098	Midgut	4	5
804	JHU_Ag_22420	ERDELSSYPTVFR	90	AGAP006772-PA	Splice junction	2L:+:38107149-38107158,38107231-38107259	Head	3	4
805	JHU_Ag_19277	ERDLEEAVAMEAVAAPR	43	AGAP007055-PA	Splice junction	2L:-:41894995-41895010,41894373-41894865	Head	1	2
806	JHU_Ag_107049	EREENVK	32	AGAP009970-PA	Splice junction	3R:+:46918120-46918120,46918195-46918214	Head	4	5
807	JHU_Ag_55107	ERIIPIQIEK	28	AGAP008812-PA	Splice junction	3R:+:18167373-18167402	Male reproductive organs	6	7
808	JHU_Ag_36321	ESDKMPGTGGVYPPGAAYAK	63	AGAP002652-PB	Splice junction	2R:+:25166491-25166513,25166609-25166645	Male reproductive organs	3	4
809	JHU_Ag_2597	ESFENIFLEDTER	73	AGAP008007-PA	residue overlap splice site	3R:+:4017026-4017063,4017141-4017141	Head	3	4
810	JHU_Ag_872	ESKFGYVFAVSGPVVTAER	45	AGAP003153-PA	Splice junction	2R:-:33388929-33388965,33387960-33388138	Malpighian tubule	1	2
811	JHU_Ag_73098	ESNCYLVPSVAEETR	76	AGAP003938-PA	Splice junction	2R:-:46555392-46555348	Remaining organs	4	5
812	JHU_Ag_23567	ESNEVVFQCR	51	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	Pupa	23	24
813	JHU_Ag_39187	ESNEVVFQCRDEGPMHAK	32	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41193234-41193237,41194511-41194560;2R:+:41193234-41193237,41194511-41194560;2R:+:41193234-41193237,41194511-41194560	Remaining organs	23	24
814	JHU_Ag_94862	ESNSDANDNDPLVVNTDK	121	AGAP001356-PA	Splice junction	2R:+:3491613-3491625,3491712-3491752	Head	2	3
815	JHU_Ag_24358	ESNSDANDNDPLVVNTDKGR	59	AGAP001356-PA	Splice junction	2R:+:3491613-3491625,3491712-3491758	Head	2	3
816	JHU_Ag_3713	ESNVYQSVETK	66	AGAP004868-PA	Splice junction	2L:-:4681908-4682058,4681536-4681574	Ovary	3	4

817	JHU_Ag_30105	ESNYHLLASIQQSLER	108	AGAP004362-PC,AGAP004362-PF,AGAP004362-PA	Splice junction,Splice junction,Splice junction	2R:-:55060387-55060570,55059573-55059600;2R:-:55060387-55060570,55059578-55059600;2R:-:55060387-55060570,55059578-55059600	Remaining organs	4	5
818	JHU_Ag_5640	ESNYHLLESVQASLER	108	AGAP004362-PB	Splice junction	2R:-:55060387-55060570,55056306-55056552	Salivary gland	4	5
819	JHU_Ag_10685	ESNYHLLESVQASLERR	84	AGAP004362-PB	Splice junction	2R:-:55060387-55060570,55056306-55056549	Malpighian tubule	4	5
820	JHU_Ag_11055	ESNYHLLESVQR	62	AGAP004362-PD	Splice junction	2R:-:55060387-55060570,55058472-55058730	Ovary	4	5
821	JHU_Ag_85613	ESNYMEFLEVLTEGLER	103	AGAP011498-PA	Splice junction	3L:-:25477798-25477928,25473136-25473187	Head	17	18
822	JHU_Ag_63233	ESPISISYTAK	41	AGAP012802-PA,AGAP004109-PA	Splice junction,Splice junction	UNKN:+:30079047-30079050,30079125-30079153;2R:+:50060968-50060971,50061046-50061074	Malpighian tubule	1	2
823	JHU_Ag_67339	ESQEIAIVLQPFIFDSNEK	63	AGAP000626-PA	Splice junction	X:-:11276522-11276656,11276181-11276392	Head	2	3
824	JHU_Ag_21939	ESQEIAIVLQPFIFDSNEKNK	89	AGAP000626-PA	Splice junction	X:-:11276522-11276656,11276181-11276386	Head	2	3
825	JHU_Ag_8481	ESQWDPPTAPAEPANTNEPHEVQCAHLLVK	72	AGAP013475-PA	Splice junction	2R:+:54455780-54455830,54455914-54455952	Head	2	3
826	JHU_Ag_44234	ESVIDSLKR	65	AGAP000792-PA	Splice junction	X:+:14434649-14434665,14434754-14434763	Salivary gland	3	4
827	JHU_Ag_73970	ETFTNFRDK	51	AGAP010392-PA	Splice junction	3L:-:2597193-2597695,2596885-2597104	Ovary	2	3
828	JHU_Ag_63151	ETGSEETFVAPYLGDSNK	79	AGAP008545-PA	Splice junction	3R:-:12415405-12415933,12414226-12415291	Malpighian tubule	1	2
829	JHU_Ag_40837	ETKIENTSLYYDAWHDLTNSHGIIVPGGFGSR	81	AGAP009624-PA	Splice junction	3R:-:37159907-37160602,37159622-37159745	Malpighian tubule	3	4
830	JHU_Ag_75168	ETNAPLPIKLEESIR	72	AGAP010491-PA	Splice junction	3L:-:5030272-5031350,5029665-5030163	Ovary	2	3
831	JHU_Ag_58298	ETPAASVYWWR	42	AGAP001153-PA	Splice junction	2R:-:627227-627831,626658-627114	Midgut	2	3
832	JHU_Ag_6762	ETSESEQLHPLSYVCR	76	AGAP011685-PA	Splice junction	3L:+:31378597-31378617,31378682-31378708	Head	1	2
833	JHU_Ag_7029	EVCIVPEQPLSLNLER	36	AGAP002167-PA	residue overlap splice site	2R:+:16824256-16824303	Head	2	3
834	JHU_Ag_13443	EVCTDLEQAK	46	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction,Splice junction	UNKN:+:25040768-25040770,25040869-25040895;2R:+:44671953-44671955,44672056-44672082;2R:+:44671953-44671955,44672056-44672082	Remaining organs	1	2
835	JHU_Ag_38727	EVCTDLEQAKR	79	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction,Splice junction	UNKN:+:25040768-25040770,25040869-25040898;2R:+:44671953-44671955,44672056-44672085;2R:+:44671953-44671955,44672056-44672085	Remaining organs	1	2
836	JHU_Ag_6413	EVDKIEDEWK	61	AGAP001138-PA	Splice junction	2R:-:569547-569852,569086-569434	Male reproductive organs	2	3
837	JHU_Ag_9087	EVDNNGISCLNTTVDGSPYLVANDAADEVFAK	206	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:37301312-37301337,37301420-37301489;2R:+:37301312-37301337,37301420-37301489;2R:+:37301312-37301337,37301420-37301489;2R:+:37301312-37301337,37301420-37301489;2R:+:37301312-37301337,37301420-37301489	Ovary	2	3
838	JHU_Ag_67067	EVDPDDSFLPPSQR	48	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	Splice junction,Splice junction,Splice junction,Splice junction	X:-:18602422-18602560,18602142-18602283;X:-:18602422-18602560,18602142-18602283;X:-:18602422-18602560,18602142-18602283;X:-:18602422-18602560,18602142-18602283	Head	2	3
839	JHU_Ag_17471	EVDRLEDDLNK	77	AGAP001797-PC	Splice junction	2R:+:10578117-10578135,10585600-10585613	Head	7	8
840	JHU_Ag_22156	EVDRLEDDLTVER	90	AGAP001797-PF,AGAP001797-PI	Splice junction,Splice junction	2R:+:10578117-10578135,10579029-10579048;2R:+:10578117-10578135,10579029-10579048	Ovary	7	8
841	JHU_Ag_10214	EVDRLEDELGVNK	85	AGAP001799-PB	Splice junction	2R:+:10594211-10594229,10596640-10596659	Malpighian tubule	3	4
842	JHU_Ag_36128	EVDRLEDELIVEK	95	AGAP001797-PD	Splice junction	2R:+:10578117-10578135,10582177-10582196	Pupa	8	9
843	JHU_Ag_6016	EVDRLEDELVMEK	41	AGAP001797-PE,AGAP001797-PA	Splice junction,Splice junction	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	Larva	7	8
844	JHU_Ag_64852	EVDRLEDK	44	AGAP001799-PA	Splice junction	2R:+:10594211-10594229,10594984-10594988	Head	3	4

845	JHU_Ag_22777	EVEASVSSAGTNLSEDSADSLPQYSVDK	171	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44668618-44668625,44668717-44668792;2R:+:44668618-44668625,44668717-44668792	Malpighian tubule	3	4
846	JHU_Ag_115304	EVEASVSSAGTNLSEDSADSLPQYSVDKTFADR	104	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44668618-44668625,44668717-44668807;2R:+:44668618-44668625,44668717-44668807	Malpighian tubule	3	4
847	JHU_Ag_35272	EVEQLLQNR	35	AGAP005342-PA	Splice junction	2L:-:14291060-14291180,14290746-14290938	Malpighian tubule	1	2
848	JHU_Ag_39524	EVFHLLQTPHLQSILFAHDAIAQK	136	AGAP010230-PA	Splice junction	3R:-:51304661-51304721,51303729-51303825	Ovary	3	4
849	JHU_Ag_6789	EVGGSNIEVSLAKPPSDK	98	AGAP001419-PB,AGAP001419-PC	Splice junction,Splice junction	2R:+:4718197-4718220,4718295-4718324;2R:+:4718197-4718220,4718295-4718324	Malpighian tubule	8	9
850	JHU_Ag_68180	EVGGSNIEVSLAKPPSDKK	54	AGAP001419-PB,AGAP001419-PC	Splice junction,Splice junction	2R:+:4718197-4718220,4718295-4718327;2R:+:4718197-4718220,4718295-4718327	Head	8	9
851	JHU_Ag_52123	EVGVGWVCAK	70	AGAP006576-PA,AGAP006576-PC	residue overlap splice site,residue overlap splice site	2L:-:34222274-34222245;2L:-:34222274-34222245	Midgut	2	3
852	JHU_Ag_27899	EVMYIQYPGDLFLR	41	AGAP009443-PA	Splice junction	3R:+:33527828-33527868,33527966-33527966	Larva	1	2
853	JHU_Ag_22206	EVQIGGWTVLR	90	AGAP011938-PA	Splice junction	3L:-:35401321-35401289	Head	3	4
854	JHU_Ag_70397	EVQIGGWTVLRK	71	AGAP011938-PA	Splice junction	3L:-:35401321-35401286	Ovary	3	4
855	JHU_Ag_10660	EVQLTVNDPVPR	41	AGAP001662-PA	residue overlap splice site	2R:-:7612054-7612183,7611265-7611690	Pupa	15	16
856	JHU_Ag_57169	EVQTQQTEIAASIVR	65	AGAP000861-PA	Splice junction	X:-:15868114-15868189,15867051-15867981	Malpighian tubule	1	2
857	JHU_Ag_34939	EVTGEDDSDLYLEER	113	AGAP009929-PA	Splice junction	3R:-:45418123-45418079	Ovary	6	7
858	JHU_Ag_42961	EVYCERVSADGETK	42	AGAP001662-PA	Splice junction	2R:-:7619914-7620853,7619651-7619762	Malpighian tubule	4	5
859	JHU_Ag_49478	EVYLTGDFNNWQWLATPYEK	83	AGAP010428-PA	Splice junction	3L:-:3187750-3187895,3184803-3185459	Remaining organs	2	3
860	JHU_Ag_54619	EVYSPEVESSPAPSSNDPHLLSMDR	54	AGAP006590-PD,AGAP006590-PB	Splice junction,Splice junction	2L:-:34300333-34300259;2L:-:34300333-34300259;2L:-:34300333-34300259;2L:-:34300333-34300259	Head	21	22
861	JHU_Ag_66082	EWGIEELPTMILFER	74	AGAP006452-PA,AGAP006452-PB	Splice junction,Splice junction	2L:+:32280205-32280234,32280303-32280317;2L:+:32280205-32280234,32280303-32280317	Remaining organs	9	10
862	JHU_Ag_41331	EWVLDLK	40	AGAP008667-PA	Splice junction	3R:-:14638291-14638470,14637965-14638169	Remaining organs	4	5
863	JHU_Ag_35236	EWYGWHFPELGK	61	AGAP002171-PA	Splice junction	2R:+:16836249-16836253,16836320-16836350	Midgut	3	4
864	JHU_Ag_20502	EYDIDLDGNLINPR	79	AGAP007793-PA	Splice junction	3R:-:1056158-1056553,1055915-1056043	Midgut	2	3
865	JHU_Ag_13798	EYFPLLLDTK	63	AGAP007399-PA	Splice junction	2L:+:46320136-46320149,46320226-46320241	Ovary	2	3
866	JHU_Ag_13440	EYGIDEVPAIVYFEK	88	AGAP006452-PA	Splice junction	2L:+:32279126-32279143,32279520-32279546	Remaining organs	7	8
867	JHU_Ag_713	EYLAYNSPSATFLGGLTQPK	140	AGAP009036-PA	Splice junction	3R:+:24446833-24446872,24449220-24449239	Malpighian tubule	17	18
868	JHU_Ag_11894	EYLGSYGEELHHQQGEPR	46	AGAP011938-PA	Splice junction	3L:-:35400968-35401028,35400651-35400678	Salivary gland	5	6
869	JHU_Ag_20433	EYLTTVLDVIR	66	AGAP005158-PA	residue overlap splice site	2L:-:10769558-10769715,10769138-10769457	Male reproductive organs	3	4
870	JHU_Ag_14813	EYQVDANGDISGER	116	AGAP008867-PA	Splice junction	3R:-:20082539-20082934,20082308-20082436	Larva	3	4
871	JHU_Ag_107004	EYSDAVADVK	54	AGAP000375-PA	Splice junction	X:+:6865239-6865253,6865330-6865344	Remaining organs	2	3
872	JHU_Ag_51485	EYYDDGTYAVPLVEHNWIVINR	58	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013	Salivary gland	31	32
873	JHU_Ag_35359	EYYDDGTYAVPLVEHNWIVINRR	49	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016	Head	31	32
874	JHU_Ag_19888	FACFEKTVELLYAYVVPKPR	134	AGAP003586-PA	Splice junction	2R:-:40346839-40347142,40346388-40346712	Malpighian tubule	2	3
875	JHU_Ag_73927	FACFEKTVELLYK	42	AGAP013333-PA	Splice junction	2R:-:40351229-40351532,40350748-40351093	Malpighian tubule	2	3
876	JHU_Ag_25072	FADAADKINFNVR	50	AGAP004870-PA	Splice junction	2L:+:4694794-4694800,4694864-4694895	Head	3	4

877	JHU_Ag_47028	FADDTYTESYISTIGVDFK	80	AGAP004146-PA	residue overlap splice site	2R:-:50738117-50738184,50737841-50737886	Salivary gland	3	4
878	JHU_Ag_56509	FADDTYTESYISTIGVDFKIR	71	AGAP004146-PA	Splice junction	2R:-:50738117-50738184,50737841-50737880	Malpighian tubule	3	4
879	JHU_Ag_29685	FADIGVENNEDNR	66	AGAP002564-PA,AGAP002564-PB	Splice junction,Splice junction	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	Male reproductive organs	1	2
880	JHU_Ag_18242	FADIGVENNEDNRR	67	AGAP002564-PA,AGAP002564-PB	Splice junction,Splice junction	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	Malpighian tubule	1	2
881	JHU_Ag_64375	FADLVAEEVYK	57	AGAP005005-PA	Splice junction	2L:+:7797473-7797497,7801964-7801971	Salivary gland	4	5
882	JHU_Ag_114188	FAETVPVPPTSDLMK	37	AGAP009021-PA	Splice junction	3R:-:23757222-23757347,23752502-23752503	Midgut	2	3
883	JHU_Ag_5216	FAFESDDGIAR	71	AGAP005997-PA	Splice junction	2L:-:24616149-24616260,24615846-24616023	Larva	1	2
884	JHU_Ag_32963	FAFETSDGHQR	39	AGAP005996-PA	Splice junction	2L:-:24611302-24611425,24610623-24610785	Pupa	1	2
885	JHU_Ag_115225	FAFLSQPTIPDYRPQTIIEK	64	AGAP007525-PA	Splice junction	2L:+:47223141-47223188,47223262-47223273	Head	5	6
886	JHU_Ag_5349	FAGALQESDAAK	81	AGAP007475-PA	Splice junction	2L:+:46826284-46826295,46826373-46826396	Larva	2	3
887	JHU_Ag_49219	FAGALQESDAAKEETLSR	52	AGAP007475-PA	Splice junction	2L:+:46826284-46826295,46826373-46826414	Midgut	2	3
888	JHU_Ag_9080	FALTGAVFAQDQAFLK	70	AGAP004366-PA	Splice junction	2R:-:55077111-55077667,55076751-55076973	Ovary	3	4
889	JHU_Ag_4332	FALTGAVFAQDQAFLKR	89	AGAP004366-PA	Splice junction	2R:-:55077111-55077667,55076751-55076970	Head	3	4
890	JHU_Ag_105435	FAQINSDWTYSK	90	AGAP000102-PA	Splice junction	X:+:1737190-1737215,1737295-1737304	Salivary gland	5	6
891	JHU_Ag_62178	FAQVAESFNDSR	72	AGAP003459-PA	residue overlap splice site	2R:-:37939608-37939872,37937811-37939497	Head	3	4
892	JHU_Ag_18280	FASAASEYFNR	32	AGAP007367-PA	Splice junction	2L:+:46107322-46107350,46107422-46107425	Head	3	4
893	JHU_Ag_52733	FASQIQSSK	67	AGAP007871-PA	Splice junction	3R:+:2402426-2402437,2402510-2402524	Midgut	2	3
894	JHU_Ag_7530	FATVTETTQWQQLVQDNPWLETSPLVVKPDQLIK	252	AGAP010156-PA,AGAP010154-PA	Splice junction,Splice junction	3R:+:49548298-49548366,49549782-49549814;3R:+:49522554-49522622,49523651-49523683	Salivary gland	1	2
895	JHU_Ag_26418	FAVFTK	32	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	Splice junction,Splice junction,Splice junction	2L:-:16236345-16236827,16236103-16236250;2L:-:16236345-16236819,16236103-16236250;2L:-:16236345-16236827,16236103-16236250	Larva	2	3
896	JHU_Ag_6924	FCELSVQCGMDIFR	86	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:3001262-3001645,3000903-3001136;2L:-:3001262-3001645,3000903-3001136	Ovary	3	4
897	JHU_Ag_1014	FDENTKVVVVDGPIAAGK	38	AGAP011130-PA	Splice junction	3L:+:17686566-17686583,17686664-17686699	Ovary	1	2
898	JHU_Ag_45223	FDFSEQLNEPLQQVGIR	92	AGAP006911-PA	Splice junction	2L:+:39899188-39899226,39899294-39899305	Head	3	4
899	JHU_Ag_24932	FDKFHLK	33	AGAP012167-PA	Splice junction	3L:+:38254314-38254327,38256211-38256217	Head	1	2
900	JHU_Ag_37026	FDSLIRK	33	AGAP007590-PA	Splice junction	2L:+:48042308-48042316,48042390-48042401	Malpighian tubule	3	4
901	JHU_Ag_45493	FDSSFDR	33	AGAP008822-PA	Splice junction	3R:+:18543440-18543450,18560351-18560360	Pupa	1	2
902	JHU_Ag_21180	FDSSFDRDQPFTFQLGAGQVIK	114	AGAP008822-PA	Splice junction	3R:+:18543440-18543450,18560351-18560405	Head	1	2
903	JHU_Ag_28893	FDSYNYR	36	AGAP004196-PA	Splice junction	2R:-:51675714-51675783,51675491-51675611	Ovary	1	2
904	JHU_Ag_56709	FDTAINSTRDFSAQEEK	74	AGAP006366-PA	Splice junction	2L:-:30520915-30521035,30518179-30518298	Malpighian tubule	8	9
905	JHU_Ag_17114	FDTAINSTRDFSYVGRPCGASTATGSK	134	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	Splice junction,Splice junction,Splice junction	2L:-:30520915-30521035,30516503-30516557;2L:-:30520915-30521035,30516503-30516557;2L:-:30520915-30521035,30516503-30516557	Malpighian tubule	8	9
906	JHU_Ag_8542	FDTSKLEMGAVADLFDR	46	AGAP011396-PA	Splice junction	3L:-:23615781-23615731	Remaining organs	22	23
907	JHU_Ag_54923	FDYATGNGIQHQEEGFLR	145	AGAP010887-PA	Splice junction	3L:+:12574308-12574312,12575492-12575540	Malpighian tubule	2	3
908	JHU_Ag_44509	FDYLCEYHKPASK	55	AGAP000672-PA	Splice junction	X:-:11871384-11871406,11860892-11861016	Ovary	2	3
909	JHU_Ag_6696	FEDNAGTSENCLNLPEETLANR	104	AGAP004469-PA	Splice junction	2R:-:56728572-56728614,56728223-56728442	Head	5	6
910	JHU_Ag_719	FEFATSDGTSR	71	AGAP006001-PA	Splice junction	2L:-:24626670-24626790,24626409-24626568	Head	2	3
911	JHU_Ag_109703	FEGPDFNLDPTAR	49	AGAP001966-PA	Splice junction	2R:-:12980983-12981124,12980275-12980881	Malpighian tubule	5	6
912	JHU_Ag_32894	FEIPYFTTSGIQVR	78	AGAP011374-PA	Splice junction	3L:-:22428075-22428165,22427877-22427970	Midgut	2	3
913	JHU_Ag_4351	FEIWDTAGQER	78	AGAP007901-PB	Splice junction	3R:+:2590787-2590818,2590906-2590906	Head	1	2
914	JHU_Ag_1156	FELQPAQGTTDYCPR	108	AGAP000988-PA	Splice junction	X:-:18938399-18938584,18938060-18938235	Head	2	3

915	JHU_Ag_108376	FESIIHEFDPWFNYR	41	AGAP002396-PA	Splice junction	2R:+:20906627-20906658,20906975-20906987	Midgut	1	2
916	JHU_Ag_89390	FFGLQSPIDK	69	AGAP004189-PA,AGAP004195-PA	Splice junction,Splice junction	2R:+:51620916-51620929,51621018-51621033;2R:+:51671764-51671777,51671866-51671881	Malpighian tubule	2	3
917	JHU_Ag_3513	FFGLQSPIDKYPFYMLIETSGSDAGHDEEK	94	AGAP004189-PA,AGAP004195-PA	Splice junction,Splice junction	2R:+:51620916-51620929,51621018-51621093;2R:+:51671764-51671777,51671866-51671941	Malpighian tubule	2	3
918	JHU_Ag_21115	FFGYTGDSDQGVLETLQK	70	AGAP005757-PA	Splice junction	2L:+:20291333-20291372,20292676-20292689	Malpighian tubule	3	4
919	JHU_Ag_5650	FFHTSPVLDCAFLDSVK	101	AGAP010544-PA	Splice junction	3L:-:6011204-6011372,6010298-6011075	Ovary	1	2
920	JHU_Ag_12601	FFNDGDYIQAVLDR	117	AGAP007939-PA	Splice junction	3R:-:3220286-3220579,3218538-3220107	Midgut	3	4
921	JHU_Ag_66517	FFNDGDYIQAVLDRNLAENISR	105	AGAP007939-PA	Splice junction	3R:-:3220286-3220579,3218538-3220083	Ovary	3	4
922	JHU_Ag_13425	FFQLSADFEPR	62	AGAP002504-PA	Splice junction	2R:-:22067456-22068866,22067025-22067356	Ovary	2	3
923	JHU_Ag_30459	FGFIVMDGNGALFGTLQGNTR	133	AGAP010310-PA	Splice junction	3L:-:81764-82113,81388-81622	Ovary	2	3
924	JHU_Ag_84933	FGFTVGALAVAAGPYTGASMNPAR	52	AGAP010325-PA	Splice junction	3L:-:838540-838776,838223-838403	Larva	2	3
925	JHU_Ag_88181	FGGSEQATSFQSGKPGFVGVSSFSSSSNINGQTHR	198	AGAP008014-PB,AGAP008014-PC	Splice junction,Splice junction	3R:-:4179800-4179824,4179402-4179462;3R:-:4179800-4179824,4179402-4179462	Head	4	5
926	JHU_Ag_44250	FGHLGIAINLITYEDR	59	AGAP009135-PA	Splice junction	3R:+:26483569-26483581,26483795-26483829	Ovary	3	4
927	JHU_Ag_112795	FGHLGIAINLITYEDRFDLHR	47	AGAP009135-PA	Splice junction	3R:+:26483569-26483581,26483795-26483844	Malpighian tubule	3	4
928	JHU_Ag_42240	FGIAYHGAAQAASGTK	97	AGAP007349-PA	Splice junction	2L:-:45993173-45993126	Malpighian tubule	7	8
929	JHU_Ag_108850	FGIAYHGAAQAASGTKEQVDTYR	70	AGAP007349-PA	Splice junction	2L:-:45993173-45993105	Malpighian tubule	7	8
930	JHU_Ag_544	FGIPLGTSPALEDALWTGLTDSYCK	113	AGAP006821-PA	Splice junction	2L:+:38892275-38892322,38892393-38892419	Midgut	2	3
931	JHU_Ag_30813	FGKFIR	38	AGAP007523-PA,AGAP007523-PB,AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2L:+:47180333-47180335,47180442-47180456;2L:+:47180333-47180335,47180442-47180456;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921	Malpighian tubule	6	7
932	JHU_Ag_41997	FGKPCELSFEEETCGRPLGLAFDTK	77	AGAP004065-PA	Splice junction	2R:+:49284064-49284079,49284169-49284227	Midgut	2	3
933	JHU_Ag_52226	FGLLNTEYFLDK	74	AGAP003895-PA	Splice junction	2R:-:45681486-45681739,45681261-45681372	Male reproductive organs	3	4
934	JHU_Ag_16189	FGLWLDGDLNQGR	64	AGAP001751-PA,AGAP001751-PE	Splice junction,Splice junction	2R:+:9397124-9397162;2R:+:9397124-9397162;2R:+:9397124-9397162;2R:+:9397124-9397162	Head	14	15
935	JHU_Ag_9826	FGNPEEIAEVAAFLASEK	117	AGAP009633-PA	Splice junction	3R:-:37348865-37349464,37348702-37348747	Malpighian tubule	2	3
936	JHU_Ag_26194	FGPSLAAYLDKEVDK	101	AGAP001138-PA	Splice junction	2R:-:569580-569852,569086-569452	Remaining organs	2	3
937	JHU_Ag_11089	FGQSIGGK	55	AGAP011498-PA	Splice junction	3L:-:25488170-25488147	Head	7	8
938	JHU_Ag_57757	FGSCVPHTTRPK	38	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	Splice junction,Splice junction,Splice junction	X:-:4819311-4819439,4818928-4819194;X:-:4819311-4819439,4818928-4819194;X:-:4819311-4819439,4818928-4819194	Head	14	15
939	JHU_Ag_56785	FGSIGVIKR	51	AGAP001645-PA	residue overlap splice site	2R:+:7270381-7270404,7270504-7270506	Ovary	5	6
940	JHU_Ag_11697	FGSTAIGISTPDGVVMAVEK	72	AGAP008816-PA	Splice junction	3R:+:18293054-18293090,18293173-18293195	Remaining organs	1	2
941	JHU_Ag_39519	FGSTAIGISTPDGVVMAVEKR	35	AGAP008816-PA	Splice junction	3R:+:18293054-18293090,18293173-18293198	Midgut	1	2

942	JHU_Ag_85731	FGVTNLINAQGAK	73	AGAP002429-PA	Splice junction	2R:-:21228216-21228741,21227897-21228075	Male reproductive organs	1	2
943	JHU_Ag_73610	FGYQLVGDNPDK	36	AGAP003238-PC	Splice junction	2R:-:34329809-34330083,34322274-34322360	Malpighian tubule	5	6
944	JHU_Ag_1978	FGYQLVGDNPDKEK	91	AGAP003238-PC	Splice junction	2R:-:34329809-34330083,34322274-34322354	Midgut	5	6
945	JHU_Ag_27303	FGYVFAVSGPVVTAER	108	AGAP003153-PA	Splice junction	2R:-:33388920-33388965,33387960-33388138	Midgut	1	2
946	JHU_Ag_31743	FGYVFAVSGPVVTAERMSGSAMYELVR	64	AGAP003153-PA	Splice junction	2R:-:33388920-33388965,33387960-33388105	Malpighian tubule	1	2
947	JHU_Ag_4544	FHAATAVLYSIEEDAMAAHHYR	45	AGAP003766-PA	Splice junction	2R:-:43115462-43115598,43114660-43115332	Malpighian tubule	3	4
948	JHU_Ag_33225	FHGISPLNGSVMHSASGIHR	55	AGAP004870-PA	Splice junction	2L:+:4695519-4695546,4695606-4695637	Malpighian tubule	5	6
949	JHU_Ag_48425	FHPSGDAISTGSDDSTCR	36	AGAP010318-PA,AGAP012525-PA	Splice junction,Splice junction	3L:-:427377-427741,427005-427263;UNKN:-:10943697-10944061,10943322-10943583	Head	2	3
950	JHU_Ag_2113	FHSFIDTVLVK	77	AGAP006340-PA,AGAP006340-PB,AGAP006340-PC	Splice junction,Splice junction,Splice junction	2L:+:29945653-29945680,29945753-29945757;2L:+:29945653-29945680,29945753-29945757;2L:+:29945653-29945680,29945753-29945757	Head	3	4
951	JHU_Ag_42698	FHYHQRPPTACGVNEATCMNGNCILK	69	AGAP003656-PB	Splice junction	2R:+:41194825-41194825,41195275-41195351	Midgut	25	26
952	JHU_Ag_19274	FIENGGDIDATVR	52	AGAP004199-PA	Splice junction	2R:-:51699485-51699881,51699190-51699253	Midgut	5	6
953	JHU_Ag_31985	FIENGINSGGK	46	AGAP008228-PA,AGAP008228-PB	Splice junction,Splice junction	3R:-:7176835-7176905,7176532-7176730;3R:-:7176835-7176917,7176532-7176730	Male reproductive organs	4	5
954	JHU_Ag_3428	FIFILLGPPGSHGSFHEIGR	41	AGAP009736-PA	Splice junction	3R:+:42044144-42044203	Midgut	5	6
955	JHU_Ag_100663	FIFYQAVDEVNR	71	AGAP001110-PA	Splice junction	2R:+:292167-292181,292320-292340	Head	3	4
956	JHU_Ag_10483	FIGAGAATVGVAGSGAGIGTVFGSLIIGYAR	79	AGAP000523-PA	Splice junction	X:+:9455830-9455872,9455951-9456000	Midgut	2	3
957	JHU_Ag_58133	FIIKPIDK	42	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	Splice junction,Splice junction,Splice junction	X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854	Salivary gland	4	5
958	JHU_Ag_39708	FIIKPIDKK	34	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	Splice junction,Splice junction,Splice junction	X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857	Malpighian tubule	4	5
959	JHU_Ag_2221	FINSSAKPLCLYIFSK	73	AGAP005124-PB	Splice junction	2L:-:10261676-10261860,10260673-10260755	Midgut	5	6
960	JHU_Ag_24921	FIPLVPTVTGR	29	AGAP011158-PA	Splice junction	3L:+:18109846-18109863,18109932-18109946	Midgut	2	3
961	JHU_Ag_37273	FISGLETLQENR	53	AGAP010750-PA	Splice junction	3L:+:9796806-9796813,9796879-9796906	Larva	6	7
962	JHU_Ag_60662	FITELVFFAR	71	AGAP009195-PA	Splice junction	3R:-:28599339-28599540,28598932-28599232	Midgut	2	3
963	JHU_Ag_44327	FITSILPLLTVAGPEIAR	57	AGAP005957-PA	Splice junction	2L:+:24049363-24049395,24049468-24049488	Ovary	2	3
964	JHU_Ag_6822	FKDIFQEIYEK	64	AGAP003168-PA	residue overlap splice site	2R:+:33511221-33511252,33511342-33511342	Male reproductive organs	3	4
965	JHU_Ag_22734	FKDLELPEPWTEPLDCTQQGPSGYQFNK	124	AGAP006227-PA	Splice junction	2L:-:28547649-28547787,28547419-28547479	Malpighian tubule	1	2
966	JHU_Ag_4914	FKDPTPPENWTQVLDCTEQCDPCFHFDR	105	AGAP006228-PA	Splice junction	2L:+:28548758-28548763,28549062-28549139	Malpighian tubule	1	2
967	JHU_Ag_11716	FKDPVK	42	AGAP003153-PA	Splice junction	2R:-:33386335-33386726,33386137-33386218	Ovary	4	5
968	JHU_Ag_6288	FKFDFSEQLNEPLQQVGIR	105	AGAP006911-PA	Splice junction	2L:+:39899182-39899226,39899294-39899305	Head	3	4
969	JHU_Ag_2761	FKLQPVDDEEGSDYINANYVPGHNSPR	74	AGAP004246-PA,AGAP004246-PB	Splice junction,Splice junction	2R:-:53142008-53142132,53141605-53141845;2R:-:53142008-53142132,53141605-53141845	Malpighian tubule	6	7
970	JHU_Ag_28059	FLADHSYVEGYAPSK	56	AGAP010612-PA	Splice junction	3L:-:7171338-7171389,7170626-7171199	Larva	1	2
971	JHU_Ag_87103	FLAEADADQHTTASR	59	AGAP001490-PA	Splice junction	2R:+:5557171-5557190,5557254-5557278	Male reproductive organs	1	2
972	JHU_Ag_54423	FLAEHPGGEEVLIEFAGK	91	AGAP002113-PA,AGAP002113-PB	Splice junction,Splice junction	2R:+:15755799-15755810,15755913-15755954;2R:+:15755799-15755810,15755913-15755954	Malpighian tubule	1	2
973	JHU_Ag_68407	FLAELR	35	AGAP003361-PA	Splice junction	2R:+:36740071-36740079,36740170-36740178	Malpighian tubule	2	3
974	JHU_Ag_100885	FLALDDLQTTGSDNCTFNR	118	AGAP003124-PA	Splice junction	2R:-:32938909-32939122,32937981-32938666	Male reproductive organs	5	6

975	JHU_Ag_81081	FLANVYLPTSAELTASEAK	64	AGAP006119-PA	Splice junction	2L:-:26958732-26959455,26958069-26958609	Midgut	1	2
976	JHU_Ag_110961	FLDDTHILTGSGDMK	112	AGAP001506-PA	residue overlap splice site	2R:-:5699284-5699240	Head	2	3
977	JHU_Ag_45521	FLELYNQVSAK	37	AGAP009044-PA	Splice junction	3R:+:24677466-24677487,24677551-24677561	Malpighian tubule	7	8
978	JHU_Ag_92929	FLFDSNYETAPSGEPQK	73	AGAP006502-PA	Splice junction	2L:-:33121804-33122231,33121484-33121653	Pupa	2	3
979	JHU_Ag_23988	FLGPVILEVPHFASLR	89	AGAP009937-PA	Splice junction	3R:+:45702168-45702175,45702280-45702319	Remaining organs	7	8
980	JHU_Ag_43230	FLITDRPSDATILSYIAELK	54	AGAP008708-PA	Splice junction	3R:-:15830051-15830123,15829750-15829908	Midgut	1	2
981	JHU_Ag_37915	FLITDRPSDATILSYIAELKK	89	AGAP008708-PA	Splice junction	3R:-:15830051-15830123,15829750-15829905	Midgut	1	2
982	JHU_Ag_49805	FLLENDDDTDHERDEAAHALTR	51	AGAP003519-PA	Splice junction	2R:+:39087552-39087591,39087699-39087724	Ovary	4	5
983	JHU_Ag_11589	FLLPEAIELLSTYYK	59	AGAP010899-PA	Splice junction	3L:-:12787424-12787740,12786986-12787325	Larva	3	4
984	JHU_Ag_57858	FLNHNVEYFSAIK	84	AGAP009788-PA	Splice junction	3R:+:43291166-43291196,43291392-43291399	Salivary gland	1	2
985	JHU_Ag_89308	FLQELQELLNSVNANLK	42	AGAP002664-PA	Splice junction	2R:-:25254879-25255008,25254410-25254761	Ovary	1	2
986	JHU_Ag_24115	FLQNAAGIVPSPFDCYLVNR	101	AGAP011172-PA	Splice junction	3L:-:18228370-18228538,18227817-18228240	Malpighian tubule	4	5
987	JHU_Ag_27445	FLTPAILSNLR	40	AGAP002011-PA	Splice junction	2R:+:13893624-13893632,13894196-13894219	Larva	2	3
988	JHU_Ag_64596	FMDHMMAGIEDIVGK	39	AGAP009036-PA	Splice junction	3R:+:24437656-24437700	Larva	8	9
989	JHU_Ag_8259	FMLIDSGNTITTEDIVER	114	AGAP009264-PA	Splice junction	3R:-:30083938-30084394,30083698-30083809	Male reproductive organs	6	7
990	JHU_Ag_31713	FMQDPMEVYVDDETK	59	AGAP009075-PA	Splice junction	3R:+:25436883-25436894,25438819-25438851	Head	3	4
991	JHU_Ag_2902	FMTHGNGVSCPESLR	77	AGAP005325-PA	Splice junction	2L:+:14107466-14107477,14107551-14107583	Head	4	5
992	JHU_Ag_24916	FMTYEHIEIDECPLK	67	AGAP003689-PA	Splice junction	2R:+:42043017-42043047,42043119-42043132	Larva	2	3
993	JHU_Ag_29025	FMWPSK	35	AGAP007120-PA	Splice junction	2L:+:43043844-43043852,43044054-43044062	Head	1	2
994	JHU_Ag_2854	FMWPSKELLEK	44	AGAP007120-PA	Splice junction	2L:+:43043844-43043852,43044054-43044077	Midgut	1	2
995	JHU_Ag_9042	FNAFTLETVTGGR	85	AGAP005536-PA	Splice junction	2L:+:16829579-16829612,16831168-16831172	Head	1	2
996	JHU_Ag_59623	FNEFFEELLVQSK	62	AGAP003559-PA	Splice junction	2R:-:39477846-39478007,39468240-39468443	Salivary gland	2	3
997	JHU_Ag_29959	FNESFNGCVFSVENNEGK	130	AGAP003656-PB,AGAP003656-PA	Splice junction,Splice junction	2R:+:41212792-41212845;2R:+:41212792-41212845	Midgut	47	48
998	JHU_Ag_117761	FNGYYCTGDGAR	66	AGAP006569-PA	Splice junction	2L:+:34165080-34165107,34165184-34165191	Head	6	7
999	JHU_Ag_59237	FNLETEWKNNFPR	59	AGAP011286-PA	residue overlap splice site	3L:+:20565793-20565830,20565911-20565911	Malpighian tubule	4	5
1000	JHU_Ag_108942	FNLGWFANPIFSEAGDYPQEMR	86	AGAP006424-PA	Splice junction	2L:-:31717554-31718121,31716920-31717408	Larva	3	4
1001	JHU_Ag_77589	FNNNVYK	46	AGAP009768-PA	Splice junction	3R:+:42646969-42646988,42647063-42647063	Head	6	7
1002	JHU_Ag_88241	FNNYWMEGPSPAIEK	104	AGAP003422-PA	Splice junction	2R:+:37518869-37518873,37518978-37519017	Midgut	3	4
1003	JHU_Ag_74874	FNTLQNKPTTPQQYHQQSIK	96	AGAP007717-PB,AGAP007717-PC	Splice junction,Splice junction	2L:-:49224934-49224875;2L:-:49224934-49224875	Head	8	9
1004	JHU_Ag_24845	FPAGNFNGASSSASFGPGGFHQTAAVYPGNPAVPNVDTR	81	AGAP008014-PB,AGAP008014-PC	Splice junction,Splice junction	3R:-:4179980-4180173,4179755-4179801;3R:-:4179980-4180173,4179755-4179801	Head	3	4
1005	JHU_Ag_26522	FPFLDVSLIHPTDTSSFER	125	AGAP009551-PA	Splice junction	3R:-:36043977-36044143,36043423-36043834	Malpighian tubule	2	3
1006	JHU_Ag_9943	FPGVISSDPPGGGTTDYAVAVFFEGLK	157	AGAP011948-PA	Splice junction	3L:+:35502163-35502208,35502287-35502321	Ovary	2	3
1007	JHU_Ag_4820	FPLFTAIHK	41	AGAP007593-PB,AGAP007593-PA	Splice junction,Splice junction	2L:-:48090162-48090136;2L:-:48090162-48090136	Remaining organs	4	5
1008	JHU_Ag_66926	FPLISSLIQRINIR	26	AGAP002454-PA	Splice junction	2R:-:21561675-21561951,21561472-21561550	Head	3	4
1009	JHU_Ag_11709	FPLSVAGSAK	41	AGAP011478-PA	Splice junction	3L:-:25044235-25044451,25043928-25044060	Pupa	2	3
1010	JHU_Ag_20702	FPMELHVVFFK	89	AGAP007550-PA	Splice junction	2L:+:47534201-47534233	Head	4	5
1011	JHU_Ag_25795	FPMSPGGVAFER	35	AGAP009865-PA	Splice junction	3R:+:44586759-44586759,44586833-44586867	Remaining organs	2	3
1012	JHU_Ag_1866	FPSGPEENCLSIGGK	53	AGAP000561-PA	Splice junction	X:+:9946205-9946243,9953042-9953047	Head	1	2
1013	JHU_Ag_12245	FQEEQKK	45	AGAP001506-PA	Splice junction	2R:-:5699941-5700007,5699238-5699669	Head	1	2
1014	JHU_Ag_33272	FQEPTGPNLQMK	53	AGAP000526-PA	Splice junction	X:+:9468989-9469009,9469085-9469099	Malpighian tubule	5	6
1015	JHU_Ag_59406	FQEQEKK	39	AGAP010551-PA	Splice junction	3L:-:6256320-6256300	Head	13	14
1016	JHU_Ag_19006	FQIQDITIEETDNK	52	AGAP010895-PA	Splice junction	3L:+:12733471-12733476,12733537-12733572	Head	2	3
1017	JHU_Ag_46272	FQIQDITIEETDNKETK	87	AGAP010895-PA	Splice junction	3L:+:12733471-12733476,12733537-12733581	Malpighian tubule	2	3

1018	JHU_Ag_6359	FQKPDGKPVFLK	61	AGAP000109-PA	Splice junction	X:-:1793078-1793189,1792841-1792955	Malpighian tubule	2	3
1019	JHU_Ag_77747	FQQEAPLYFYR	59	AGAP006724-PA	Splice junction	2L:-:37286464-37286922,37285966-37286356	Salivary gland	3	4
1020	JHU_Ag_41499	FQSAAIGALQEASEAYLVGLFEDTNLCAIHAK	228	AGAP001813-PB	Splice junction	2R:-:10860896-10861148,10860617-10860680	Ovary	1	2
1021	JHU_Ag_18344	FQVWDLGGQTSIRPYWR	46	AGAP011730-PA	Splice junction	3L:+:32618108-32618145,32618235-32618247	Malpighian tubule	1	2
1022	JHU_Ag_44479	FRDACEDKPCAPGVHCSR	51	AGAP002157-PA	Splice junction	2R:-:16578347-16578432,16577172-16577256	Pupa	9	10
1023	JHU_Ag_88847	FRKPSEAPVHVEVLTPIDEEPSEDLADDDQPITMVPK	83	AGAP003206-PA,AGAP003206-PB	Splice junction,Splice junction	2R:-:33851237-33851127;2R:-:33851237-33851127	Malpighian tubule	8	9
1024	JHU_Ag_112344	FSDINSETIESVAK	41	AGAP003619-PA	Splice junction	2R:+:40584601-40584616,40584702-40584727	Male reproductive organs	4	5
1025	JHU_Ag_36476	FSEDVASLEKQDEAESESAK	73	AGAP005014-PA	Splice junction	2L:+:8297407-8297458,8297534-8297541	Ovary	2	3
1026	JHU_Ag_93629	FSEEDTLIVVTSDHSHSVSFSGYPSR	181	AGAP011302-PA	Splice junction	3L:+:20765634-20765705,20765776-20765781	Larva	2	3
1027	JHU_Ag_5569	FSFLQFDPAPR	72	AGAP010172-PB	Splice junction	3R:-:49899609-49899792,49899427-49899475	Ovary	4	5
1028	JHU_Ag_95353	FSFPDPPPLQPPILGLHNCHFNFPK	52	AGAP012249-PA	Splice junction	3L:+:39303978-39304029,39304098-39304120	Ovary	1	2
1029	JHU_Ag_74746	FSGLDQVAPIAGEVWKK	76	AGAP002022-PA	Splice junction	2R:-:14025096-14025168,14024783-14024982	Ovary	1	2
1030	JHU_Ag_6093	FSGPANFGMQGPR	92	AGAP002655-PA	Splice junction	2R:+:25192375-25192390,25192487-25192509	Salivary gland	4	5
1031	JHU_Ag_12344	FSGTVKLK	42	AGAP011298-PA	Splice junction	3L:-:20689572-20689711,20688682-20689168	Malpighian tubule	2	3
1032	JHU_Ag_103273	FSIFTVLK	30	AGAP003466-PA	Splice junction	2R:+:38027377-38027383,38027460-38027476	Pupa	2	3
1033	JHU_Ag_55510	FSNGYEIPVLGYGTYLAQK	59	AGAP012852-PA	Splice junction	UNKN:+:34130966-34131013,34131087-34131095	Midgut	1	2
1034	JHU_Ag_34431	FSNILQPIFDEAAEK	49	AGAP000909-PA	residue overlap splice site	X:+:17144761-17144805	Head	3	4
1035	JHU_Ag_26263	FSNLETCVEIGESVR	66	AGAP004890-PA,AGAP004890-PB	Splice junction,Splice junction	2L:+:4978510-4978529,4980737-4980761;2L:+:4978510-4978529,4980737-4980761	Ovary	2	3
1036	JHU_Ag_106677	FSNLSPDQQAIVVLEKR	36	AGAP010712-PA	residue overlap splice site	3L:+:8915497-8915547	Ovary	1	2
1037	JHU_Ag_15182	FSNWVLGNHDNK	49	AGAP012401-PA	Splice junction	3L:+:41730239-41730253,41730337-41730357	Midgut	1	2
1038	JHU_Ag_97117	FSNWVLGNHDNKR	53	AGAP012401-PA	Splice junction	3L:+:41730239-41730253,41730337-41730360	Midgut	1	2
1039	JHU_Ag_60793	FSPEMLANMGYGSHGGSYRPQSFLQNEILDEEQQSPR	68	AGAP008993-PA	Splice junction	3R:-:22811509-22811596,22809127-22809212	Head	1	2
1040	JHU_Ag_87853	FSVNSITGQLDISTVEQQDHDNYACIAR	41	AGAP002802-PA	Splice junction	2R:+:27746829-27746912	Head	4	5
1041	JHU_Ag_5039	FSYMPYSTTRPK	61	AGAP008653-PA	Splice junction	3R:+:14062478-14062478,14062547-14062581	Midgut	3	4
1042	JHU_Ag_84666	FTASPGLSTSDLK	46	AGAP001683-PB,AGAP001683-PA	Splice junction,Splice junction	2R:-:8413959-8414041,8406764-8406862;2R:-:8413959-8414041,8406764-8406862	Head	2	3
1043	JHU_Ag_45207	FTEAQLQQIYNTK	76	AGAP012561-PA,AGAP003502-PA	Splice junction,Splice junction	UNKN:+:16263795-16263804,16263890-16263918;2R:-:38747052-38748932,38746551-38746929	Pupa	1	2
1044	JHU_Ag_48180	FTFVVK	42	AGAP001826-PA	Splice junction	2R:-:11123134-11123258,11117745-11123043	Remaining organs	3	4
1045	JHU_Ag_88974	FTFVVKDFFNGNGELK	60	AGAP001826-PA	Splice junction	2R:-:11123134-11123258,11117745-11123013	Pupa	3	4
1046	JHU_Ag_80369	FTGESSTAGGSQIEPGEYENLPFHGLQTPPK	106	AGAP012343-PA	Splice junction	3L:+:40800031-40800031,40803170-40803261	Head	12	13
1047	JHU_Ag_77375	FTGESSTAGGSQIEPGEYENLPFHGLQTPPKK	65	AGAP012343-PA	Splice junction	3L:+:40800031-40800031,40803170-40803264	Head	12	13
1048	JHU_Ag_5567	FTKEPDSLTVHDWADVYNK	128	AGAP005471-PA	Splice junction	2L:+:16048964-16049020	Pupa	21	22
1049	JHU_Ag_108040	FTLGSVAGAVGATAVYPIDLVK	67	AGAP000958-PA	Splice junction	X:-:18372860-18373002,18372626-18372704	Midgut	5	6
1050	JHU_Ag_92209	FTLSIAYSPDGK	40	AGAP007626-PA	Splice junction	2L:+:48386637-48386657,48386715-48386729	Ovary	3	4
1051	JHU_Ag_20765	FTNEEDLEHR	76	AGAP000703-PA	Splice junction	X:+:12609425-12609454	Head	7	8
1052	JHU_Ag_18102	FTQNLLNQGPVQFPR	84	AGAP010717-PA	Splice junction	3L:-:8941037-8941223,8940639-8940834	Male reproductive organs	2	3
1053	JHU_Ag_52515	FTQSMRNPQVPQPVPIPAQPVAQQAVIVK	61	AGAP011092-PA	residue overlap splice site	3L:-:16475415-16475329	Malpighian tubule	2	3
1054	JHU_Ag_34211	FTTFDLGGHTQAR	90	AGAP004098-PA	Splice junction	2R:+:49755869-49755902,49755985-49755989	Salivary gland	3	4
1055	JHU_Ag_32301	FTTISESDINR	63	AGAP011798-PA	Splice junction	3L:-:33318157-33318125	Midgut	7	8
1056	JHU_Ag_38260	FTTYADSPHPSIRPMAYAYSLMS	58	AGAP004151-PA	Splice junction	2R:-:50757731-50757792,50757551-50757554	Malpighian tubule	5	6
1057	JHU_Ag_9432	FTVNLNPGTNNIVR	73	AGAP004975-PA	Splice junction	2L:-:7442265-7442880,7441935-7442156	Head	4	5

1058	JHU_Ag_11974	FTYELSDGQIR	74	AGAP002613-PA	Splice junction	2R:-:24143811-24143979,24143439-24143652	Midgut	1	2
1059	JHU_Ag_5102	FTYNATLR	55	AGAP009907-PA	Splice junction	3R:-:45188495-45188804,45188263-45188409	Pupa	3	4
1060	JHU_Ag_11986	FVDGLPLVGTMQEDEQSGR	130	AGAP012717-PA	Splice junction	UNKN:-:24916362-24916389,24916141-24916242	Salivary gland	1	2
1061	JHU_Ag_64482	FVDMMHVEGTFSHAANEK	62	AGAP012938-PA,AGAP003139-PA	Splice junction,Splice junction	UNKN:-:41201885-41201960,41201391-41201739;2R:-:33149516-33149591,33149039-33149382	Head	2	3
1062	JHU_Ag_52497	FVETTALGAAMVAGR	87	AGAP006778-PA	Splice junction	2L:-:38167284-38168649,38166762-38166912	Midgut	1	2
1063	JHU_Ag_29361	FVFINWQGEGAPIAR	80	AGAP012240-PA	Splice junction	3L:+:39250007-39250027,39250306-39250329	Malpighian tubule	1	2
1064	JHU_Ag_74031	FVIFKLPEFEEIASHQIR	81	AGAP001563-PA	Splice junction	2R:-:6280613-6280676,6280263-6280474	Malpighian tubule	1	2
1065	JHU_Ag_47236	FVKPTLK	33	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286	Male reproductive organs	4	5
1066	JHU_Ag_9013	FVKPTLKK	20	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289	Larva	4	5
1067	JHU_Ag_25860	FVLFYGPK	36	AGAP009104-PA	Splice junction	3R:-:25632966-25633016,25632618-25632861	Larva	2	3
1068	JHU_Ag_24844	FVLQLLELFDSEDPR	110	AGAP004096-PB	Splice junction	2R:-:49734647-49734830,49734366-49734524	Midgut	3	4
1069	JHU_Ag_8512	FVLQLLELFDSEDPRER	52	AGAP004096-PB	Splice junction	2R:-:49734647-49734830,49734366-49734518	Midgut	3	4
1070	JHU_Ag_102044	FVNGNKVLR	57	AGAP005947-PA	Splice junction	2L:+:23982099-23982116,23982265-23982273	Malpighian tubule	1	2
1071	JHU_Ag_36082	FVQVSPDVPQFVQMIGPHPK	36	AGAP007760-PA	Splice junction	3R:+:422994-423002,423159-423209	Pupa	3	4
1072	JHU_Ag_669	FWGLILKPGK	36	AGAP007473-PA	Splice junction	2L:-:46749734-46749737,46748309-46749395	Ovary	1	2
1073	JHU_Ag_64536	FYASFEQQVSR	92	AGAP008487-PA	Splice junction	3R:+:11220901-11220907,11221164-11221189	Midgut	1	2
1074	JHU_Ag_82279	FYFVDSGANHIKEYDIDLDGNLINPR	120	AGAP007793-PA	Splice junction	3R:-:1056194-1056553,1055915-1056043	Midgut	2	3
1075	JHU_Ag_9608	FYGQSHPTVDLR	51	AGAP001240-PA	Splice junction	2R:+:1883171-1883196,1883273-1883282	Midgut	2	3
1076	JHU_Ag_74763	FYKNWHASK	56	AGAP003556-PA	Splice junction	2R:+:39457174-39457187,39458055-39458067	Malpighian tubule	2	3
1077	JHU_Ag_3091	FYLEPILYYGATETPQEK	116	AGAP009193-PA	Splice junction	3R:-:28596474-28596816,28596074-28596356	Head	1	2
1078	JHU_Ag_88314	FYLEPILYYGATETPQEKIDNLYR	109	AGAP009193-PA	Splice junction	3R:-:28596474-28596816,28596074-28596338	Malpighian tubule	1	2
1079	JHU_Ag_17199	FYNDAEADK	55	AGAP004212-PA	residue overlap splice site	2R:-:51940832-51940806	Salivary gland	2	3
1080	JHU_Ag_3752	FYNDAEADKGLQTSQDAR	89	AGAP004212-PA	Splice junction	2R:-:51940832-51940909,51938091-51939102	Remaining organs	2	3
1081	JHU_Ag_12510	FYPEGAQVPSNPQKPCELCYCIR	116	AGAP000893-PA	Splice junction	X:-:16811965-16812325,16811723-16811823	Pupa	1	2
1082	JHU_Ag_6847	FYQCVDGFPYLNR	83	AGAP000359-PA	Splice junction	X:-:6367918-6368050,6363280-6363362	Pupa	1	2
1083	JHU_Ag_54588	FYTDDSPGIK	54	AGAP011504-PA	residue overlap splice site	3L:-:25689065-25689036	Salivary gland	2	3
1084	JHU_Ag_79456	FYTGDSYIVMNTK	92	AGAP011369-PA	Splice junction	3L:-:22040201-22040318,22039146-22040073	Pupa	1	2
1085	JHU_Ag_8846	FYVEEEGKGVDASGNK	145	AGAP008802-PA	residue overlap splice site	3R:-:18056132-18056085	Head	2	3
1086	JHU_Ag_4492	FYVQFLPVPTR	50	AGAP006577-PA	Splice junction	2L:-:34226664-34227178,34225627-34225696	Male reproductive organs	4	5
1087	JHU_Ag_17081	GAAAGTSLTVGDEVLEVNGTVLHGR	89	AGAP002145-PA	Splice junction	2R:-:16416585-16416731,16416379-16416447	Head	9	10
1088	JHU_Ag_32580	GAAEGQGLGNAFLSHISACDAIFHLCR	101	AGAP000672-PA	residue overlap splice site	X:-:11860970-11861019,11860588-11860762	Salivary gland	3	4
1089	JHU_Ag_3466	GAAGGAVGGDGGDDENDK	138	AGAP003509-PA	Splice junction	2R:-:38922422-38922476,38833273-38833399	Head	2	3
1090	JHU_Ag_36717	GADNTVAIDLIVQHIR	94	AGAP003874-PA	Splice junction	2R:-:44909757-44909790,44907303-44907391	Head	5	6

1091	JHU_Ag_112559	GADSWFNKYSAVESSPEGTFK	44	AGAP012857-PA	Splice junction	UNKN:-:34396236-34396269,34395947-34396032	Malpighian tubule	1	2
1092	JHU_Ag_25496	GAFYIVSQCIGAIAGAAVIK	111	AGAP008842-PA	residue overlap splice site	3R:-:19313308-19313249	Midgut	3	4
1093	JHU_Ag_8782	GAGYTFGQDISELFNHTNGLTLVSR	60	AGAP010172-PB	Splice junction	3R:-:49899907-49900237,49899602-49899742	Midgut	3	4
1094	JHU_Ag_101938	GALEVNR	38	AGAP004645-PA	Splice junction	2R:-:59008121-59008101	Malpighian tubule	5	6
1095	JHU_Ag_24355	GANPALATEDGFTPLAVAMQQGHDK	112	AGAP009937-PA	Splice junction	3R:+:45691675-45691701,45691789-45691836	Head	2	3
1096	JHU_Ag_44739	GANVFIGYLK	53	AGAP011603-PA	Splice junction	3L:-:29281145-29281487,29280831-29281050	Salivary gland	5	6
1097	JHU_Ag_318	GANVFIGYLKDPQR	68	AGAP011603-PA	Splice junction	3L:-:29281145-29281487,29280831-29281038	Malpighian tubule	5	6
1098	JHU_Ag_39462	GAPNSTDYRVYFK	60	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:37299942-37299978,37300671-37300672;2R:+:37299942-37299978,37300671-37300672;2R:+:37299942-37299978,37300671-37300672;2R:+:37299942-37299978,37300671-37300672;2R:+:37299942-37299978,37300671-37300672	Malpighian tubule	1	2
1099	JHU_Ag_114857	GAQHTNVAFAGR	59	AGAP002595-PA	Splice junction	2R:-:23696202-23696496,23695505-23695826	Male reproductive organs	2	3
1100	JHU_Ag_13699	GASDFTAQVIVLNHPGQICNGYTPVLDCHTAHIACK	46	AGAP003541-PC	Splice junction	2R:+:39349496-39349519,39350364-39350447	Remaining organs	2	3
1101	JHU_Ag_55889	GASLNTDINPDSEAQIAPHPHDDEIDER	109	AGAP010823-PA	Splice junction	3L:+:11445230-11445230,11449633-11449715	Salivary gland	6	7
1102	JHU_Ag_700	GASLVSPPSQSEQEDTTAEHHVLR	34	AGAP004852-PA	Splice junction	2L:-:4470170-4470235,4469959-4470014	Ovary	8	9
1103	JHU_Ag_112799	GASLVSPPSQSEQEDTTAEHHVLRIETK	63	AGAP004852-PA	Splice junction	2L:-:4470170-4470235,4469959-4470002	Malpighian tubule	8	9
1104	JHU_Ag_38468	GASPAPQRQPSAMPALAGLNLPTFDDHGF	102	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347	Malpighian tubule	15	16
1105	JHU_Ag_4371	GASPAPSVVR	52	AGAP010147-PE	Splice junction	3R:+:49480173-49480187,49481044-49481058	Remaining organs	15	16
1106	JHU_Ag_8868	GASPAPSVVRA	61	AGAP010147-PE	Splice junction	3R:+:49480173-49480187,49481044-49481061	Remaining organs	15	16
1107	JHU_Ag_19414	GATFGTGITAIK	62	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44668907-44668907,44671137-44671171;2R:+:44668907-44668907,44671137-44671171	Male reproductive organs	4	5
1108	JHU_Ag_54723	GATIPYRPKPQVNGPVIVANGQAYTIQGNYAVPAQEVSGIAK	52	AGAP004942-PA	Splice junction	2L:-:6392432-6392444,6389291-6389382	Ovary	6	7
1109	JHU_Ag_46117	GAWIKPGAVVIDCGINSIPDPTK	80	AGAP002830-PA	Splice junction	2R:-:28078705-28078994,28077940-28078161	Head	4	5
1110	JHU_Ag_37018	GAWIKPGAVVIDCGINSIPDPTKK	114	AGAP002830-PA	Splice junction	2R:-:28078705-28078994,28077940-28078158	Head	4	5
1111	JHU_Ag_54398	GAWWYTGCGMSNLNGLYLK	133	AGAP004996-PA	Splice junction	2L:-:7733865-7734460,7733493-7733739	Larva	2	3
1112	JHU_Ag_60375	GCGQSFDPQNNTEDCVHHPGVPFFHDAYK	62	AGAP003064-PA,AGAP003061-PA	Splice junction,Splice junction	2R:-:31947023-31947050,31946130-31946850;2R:-:31932479-31932506,31931586-31932306	Ovary	1	2
1113	JHU_Ag_14524	GCGWDESSYKGR	72	AGAP008113-PB	Splice junction	3R:+:5838267-5838296,5838397-5838402	Head	3	4
1114	JHU_Ag_52437	GCVITGLDAVAARPEHLVFHSGVAR	75	AGAP009786-PA	Splice junction	3R:+:43284346-43284361,43284446-43284504	Ovary	3	4
1115	JHU_Ag_1963	GDASVLRPTCMTSVPLILDR	73	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	Splice junction,Splice junction,Splice junction	2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061	Salivary gland	3	4
1116	JHU_Ag_12195	GDCLNAIGK	64	AGAP006901-PA,AGAP006901-PB	Splice junction,Splice junction	2L:-:39705579-39705553;2L:-:39705579-39705553;2L:-:39705579-39705553	Head	12	13

1117	JHU_Ag_58450	GDESNPVDGLTDQMAGLSR	62	AGAP011551-PA	residue overlap splice site	3L:+:27212146-27212202	Salivary gland	3	4
1118	JHU_Ag_7649	GDFILVGDLMR	42	AGAP002472-PA	Splice junction	2R:+:21849804-21849804,21849884-21849915	Malpighian tubule	3	4
1119	JHU_Ag_15585	GDHFSDTACNLMISMFDR	32	AGAP006246-PA	Splice junction	2L:-:28604902-28605109,28604365-28604722	Midgut	2	3
1120	JHU_Ag_60784	GDIPIIHGDCDENILK	47	AGAP002157-PB,AGAP002157-PA	Splice junction,Splice junction	2R:-:16579003-16579107,16578718-16578881;2R:-:16579003-16579107,16578718-16578881	Larva	6	7
1121	JHU_Ag_83762	GDITNEEAIGASPFSNTVDLLTLR	183	AGAP011971-PA	Splice junction	3L:+:35699928-35699931,35700008-35700075	Salivary gland	5	6
1122	JHU_Ag_45826	GDITNGLAIEAAPYGSSVDMIK	72	AGAP011026-PA	Splice junction	3L:-:14584496-14584565,14583939-14584365	Remaining organs	6	7
1123	JHU_Ag_27109	GDLECTAGTMNDVK	49	AGAP003848-PA	Splice junction	2R:+:44354939-44354975,44355200-44355204	Ovary	2	3
1124	JHU_Ag_23745	GDLTDGCASTGGHYNPDKVSHGAPNDQVR	40	AGAP005234-PA,AGAP005234-PB	Splice junction,Splice junction	2L:-:12659490-12659646,12659082-12659300;2L:-:12659490-12659646,12659078-12659300	Head	2	3
1125	JHU_Ag_1219	GDRADGAEAFDDAVEER	60	AGAP003228-PA	Splice junction	2R:+:34050776-34050794,34050914-34050945	Salivary gland	1	2
1126	JHU_Ag_5148	GDVGVGAGELEYR	80	AGAP000739-PA	Splice junction	X:-:13489750-13490155,13489601-13489631	Remaining organs	1	2
1127	JHU_Ag_8101	GDVPTYDEEDFDEESLKPHSSSSSDDGEEEFDPSLLEEHADAPTAR	84	AGAP008004-PA	Splice junction	3R:-:3999608-3999629,3999313-3999406	Head	2	3
1128	JHU_Ag_82669	GECQSDAECADHK	77	AGAP003027-PA	Splice junction	2R:+:31242982-31243020	Head	6	7
1129	JHU_Ag_76060	GEHLEILNDTQGDWWLAR	36	AGAP006270-PA	Splice junction	2L:-:29014078-29014318,29001536-29001610	Midgut	1	2
1130	JHU_Ag_8903	GELVTVALPGGEEK	52	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214	Pupa	1	2
1131	JHU_Ag_27864	GELVTVALPGGETK	78	AGAP010147-PJ	Splice junction	3R:+:49460690-49460725,49461628-49461633	Larva	1	2
1132	JHU_Ag_16893	GEQFGSGFGSTLASADINGDGR	155	AGAP000307-PA	residue overlap splice site	X:-:5439150-5439684,5437514-5438050	Midgut	5	6
1133	JHU_Ag_6169	GESGGVFDTGLAR	91	AGAP011829-PA	Splice junction	3L:-:33880360-33880456,33879971-33880163	Head	1	2
1134	JHU_Ag_75024	GETGLVVFAGDVTPIEIMCHLPAVCEEK	86	AGAP012204-PA	Splice junction	3L:+:38716673-38716683,38716768-38716840	Ovary	2	3
1135	JHU_Ag_9144	GETVPLNVGVLPEFR	93	AGAP009891-PA	Splice junction	3R:+:44881521-44881546,44881619-44881637	Remaining organs	2	3
1136	JHU_Ag_115924	GEYIVTGSDDMTVK	62	AGAP007128-PA	residue overlap splice site	2L:+:43110368-43110409	Ovary	2	3
1137	JHU_Ag_1322	GFDPGMDTYEAPPSDGTSVK	143	AGAP007852-PB	Splice junction	3R:-:2123718-2123848,2123174-2123368	Salivary gland	3	4
1138	JHU_Ag_68880	GFDPGMDTYEAPPSDGTSVKVDVDPK	80	AGAP007852-PB	Splice junction	3R:-:2123718-2123848,2123174-2123350	Head	3	4
1139	JHU_Ag_56353	GFEGCIAELETSGNKLNMIDDIR	50	AGAP003656-PA	residue overlap splice site	2R:+:41211840-41211863,41211961-41212005;2R:+:41211840-41211863,41211961-41212005	Larva	47	48
1140	JHU_Ag_19871	GFFGSPVIGMQK	55	AGAP003725-PB	Splice junction	2R:+:42466790-42466819,42466891-42466896	Salivary gland	9	10
1141	JHU_Ag_5651	GFGFVEFDDYDPVDKIILQK	91	AGAP002374-PA	Splice junction	2R:-:20792097-20792520,20791379-20791925	Malpighian tubule	2	3
1142	JHU_Ag_4665	GFGGIGGILR	62	AGAP010310-PA	Splice junction	3L:-:80705-80834,66666-66738	Ovary	6	7
1143	JHU_Ag_43417	GFGVSVQGIIIYR	86	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	Splice junction,Splice junction,Splice junction	2R:-:20598568-20598674,20598090-20598423;2R:-:20598568-20598674,20598090-20598423;2R:-:20598568-20598674,20598090-20598423	Head	2	3
1144	JHU_Ag_88805	GFTLAELKGAGLTK	55	AGAP001805-PA	Splice junction	2R:-:10622613-10622832,10621526-10621919	Ovary	1	2
1145	JHU_Ag_92631	GGCYDGLNLIELHIR	62	AGAP008019-PA	Splice junction	3R:+:4321702-4321705,4322098-4322138	Male reproductive organs	1	2
1146	JHU_Ag_36503	GGDFVYFGGNISGK	58	AGAP010514-PA	Splice junction	3L:-:5561032-5561809,5560797-5560899	Salivary gland	1	2

1147	JHU_Ag_8298	GGFINSDKPLIR	85	AGAP007891-PA	Splice junction	3R:+:2533033-2533052,2533128-2533143	Malpighian tubule	3	4
1148	JHU_Ag_46083	GGGALSAVAATNSPIIFIGTGEHIDDLEPFK	115	AGAP004610-PA	Splice junction	2R:-:58361028-58361793,58360674-58360863	Ovary	1	2
1149	JHU_Ag_111935	GGGEYGERWHNAGR	61	AGAP009172-PA	Splice junction	3R:-:28109978-28110638,28109671-28109850	Malpighian tubule	4	5
1150	JHU_Ag_114779	GGGGCLLQEK	60	AGAP011457-PA	Splice junction	3L:-:24933861-24934284,24933375-24933759	Ovary	1	2
1151	JHU_Ag_41158	GGLNANVLR	39	AGAP012404-PA	Splice junction	3L:+:41753442-41753459,41753680-41753688	Head	5	6
1152	JHU_Ag_25358	GGNPSAFDRVLGCR	39	AGAP007642-PA	Splice junction	2L:-:48595403-48595559,48594010-48595287	Malpighian tubule	4	5
1153	JHU_Ag_21095	GGNVTILYIDYGNRETVPSTR	132	AGAP005672-PA,AGAP005672-PB	Splice junction,Splice junction	2L:-:18537030-18537994,18536298-18536462;2L:-:18537030-18537994,18536298-18536462	Malpighian tubule	4	5
1154	JHU_Ag_108116	GGPGECR	28	AGAP012056-PA	Splice junction	3L:-:37152855-37153026,37152624-37152729	Midgut	2	3
1155	JHU_Ag_38607	GGPNQMNNRPIGSGGGGGGGVGGGGGGSGDRAPNR	103	AGAP003219-PA	Splice junction	2R:+:34008393-34008480,34009242-34009258	Malpighian tubule	3	4
1156	JHU_Ag_13148	GGSSGGYGGYNNR	41	AGAP003817-PA	Splice junction	2R:+:43737687-43737708,43737805-43737821	Ovary	4	5
1157	JHU_Ag_96356	GGSSSISDQPTYSR	81	AGAP005609-PA,AGAP005609-PB	Splice junction,Splice junction	2L:+:17836375-17836396,17836476-17836495;2L:+:17836375-17836396,17836476-17836495	Malpighian tubule	5	6
1158	JHU_Ag_109862	GGVGSAGGFGNTSFGSGGGGGGGISSDSISSLSTPSANIAEISKPASTASK	33	AGAP010719-PA	Splice junction	3L:+:8977093-8977241,8977311-8977314	Ovary	2	3
1159	JHU_Ag_57064	GGVQENVVPPELSVCFDIR	101	AGAP000679-PA	Splice junction	X:+:12118891-12118947	Malpighian tubule	3	4
1160	JHU_Ag_32245	GHEIAVHSITHNDDER	96	AGAP011936-PA	Splice junction	3L:+:35366693-35366721,35366908-35366926	Pupa	4	5
1161	JHU_Ag_90427	GHEVTMVSAFPLK	53	AGAP007589-PA	Splice junction	2L:-:48034771-48034951,48034186-48034650	Midgut	1	2
1162	JHU_Ag_7589	GHFYICGDAK	30	AGAP000500-PC,AGAP000500-PD	Splice junction,Splice junction	X:+:8798585-8798604,8798698-8798707;X:+:8798585-8798604,8798698-8798707	Head	6	7
1163	JHU_Ag_67800	GHGFITPNAGGDDIFVHISDIEGEYVPLPGDEVSYR	32	AGAP005641-PA	Splice junction	2L:-:18132488-18132552,18132154-18132283	Midgut	2	3
1164	JHU_Ag_8464	GHLDNISNNMFIGATNIENNEMNK	148	AGAP007852-PB	Splice junction	3R:-:2123211-2123385,2122808-2123066	Remaining organs	4	5
1165	JHU_Ag_58327	GHLDNISNNMFIGATNIENNEMNKIK	122	AGAP007852-PB	Splice junction	3R:-:2123211-2123385,2122808-2123060	Malpighian tubule	4	5
1166	JHU_Ag_21311	GHQGPAAFLMLATGLDK	49	AGAP003475-PA	Splice junction	2R:-:38176294-38177660,38176041-38176167	Midgut	2	3
1167	JHU_Ag_25862	GHVVNHDGMQQADVYIEDGTVR	77	AGAP003124-PA,AGAP003124-PB	Splice junction,Splice junction	2R:-:32942397-32942427,32941899-32942089;2R:-:32942397-32942427,32941899-32942089	Head	2	3
1168	JHU_Ag_19794	GHVYDDVQK	35	AGAP003331-PB,AGAP003331-PA	Splice junction,Splice junction	2R:-:36116926-36117058,36116588-36116823;2R:-:36116926-36117058,36116588-36116823	Head	3	4
1169	JHU_Ag_11853	GIAQVVTSR	44	AGAP007119-PA	Splice junction	2L:-:43041435-43041775,43041200-43041325	Head	3	4
1170	JHU_Ag_4809	GIEEEDVSPGFVLCDASNPIK	60	AGAP009310-PA	Splice junction	3R:+:31161907-31161969	Malpighian tubule	5	6
1171	JHU_Ag_98850	GIEEEDVSPGFVLCDASNPIKTGK	54	AGAP009310-PA	Splice junction	3R:+:31161907-31161978	Malpighian tubule	5	6
1172	JHU_Ag_9577	GIEFPATDLDAIAPIYTPQR	80	AGAP006097-PA,AGAP006097-PB	residue overlap splice site,residue overlap splice site	2L:-:26631917-26631858;2L:-:26631917-26631858	Remaining organs	2	3
1173	JHU_Ag_2702	GIESFVADSDILFPVIAECR	97	AGAP004775-PA	Splice junction	2L:-:3408297-3408348,3401545-3402256	Midgut	5	6
1174	JHU_Ag_11738	GIGETTEKTSNSAIIK	67	AGAP004483-PA	Splice junction	2R:+:56815712-56815719,56815808-56815847	Malpighian tubule	6	7
1175	JHU_Ag_30759	GIHNALVEHADAEK	116	AGAP002364-PA	Splice junction	2R:-:20647839-20649014,20646740-20647346	Remaining organs	4	5
1176	JHU_Ag_103572	GIHNALVEHADAEKSAHQAQALWGACQSLWSSIR	68	AGAP002364-PA	Splice junction	2R:-:20647839-20649014,20646740-20647286	Malpighian tubule	4	5
1177	JHU_Ag_61181	GIHNALVEIDTEMK	79	AGAP002364-PB	Splice junction	2R:-:20647839-20649014,20647527-20647528	Head	4	5
1178	JHU_Ag_38252	GIIINIECK	56	AGAP007791-PA,AGAP007791-PB	Splice junction,Splice junction	3R:-:888627-888601;3R:-:888627-888601	Larva	5	6
1179	JHU_Ag_87862	GILLFGPPGTGK	51	AGAP000625-PA	Splice junction	X:+:11265363-11265380,11266296-11266313;3R:-:509957-509922	Salivary gland	2	3
1180	JHU_Ag_12109	GILPVIYEQPAMEDWLK	121	AGAP004596-PA	Splice junction	2R:-:58246438-58247794,58246093-58246224	Midgut	2	3
1181	JHU_Ag_11260	GILPVIYEQPAMEDWLKDVDAR	66	AGAP004596-PA	Splice junction	2R:-:58246438-58247794,58246093-58246209	Ovary	2	3
1182	JHU_Ag_30334	GIVFPGGFSYADTLGSAK	82	AGAP002091-PA	Splice junction	2R:-:15222533-15224587,15221789-15222407	Ovary	4	5
1183	JHU_Ag_14279	GIVITSLVPGGSAEFDGR	59	AGAP002145-PA	Splice junction	2R:-:16414985-16415099,16414544-16414691	Head	16	17
1184	JHU_Ag_47620	GIVKQILSGDSLILR	97	AGAP005672-PA	Splice junction	2L:-:18541856-18541919,18540271-18540366	Malpighian tubule	1	2

1185	JHU_Ag_54301	GIVPAVNQVEWHPYYYQPELLEYCR	49	AGAP009187-PA	Splice junction	3R:-:28572001-28572118,28571544-28571844	Male reproductive organs	4	5
1186	JHU_Ag_3008	GIYAYGFEKPSAIQQR	106	AGAP003089-PA	Splice junction	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	Male reproductive organs	1	2
1187	JHU_Ag_7896	GKFVKPTLK	38	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286	Malpighian tubule	4	5
1188	JHU_Ag_117816	GKHVIEQLGGK	64	AGAP009486-PA	Splice junction	3R:+:34696228-34696235,34696305-34696329	Malpighian tubule	5	6
1189	JHU_Ag_47828	GKVTQVADDPETLR	87	AGAP006526-PA	Splice junction	2L:-:33860168-33860286,33858570-33858679	Malpighian tubule	3	4
1190	JHU_Ag_2167	GLASTYPEPEDK	76	AGAP004159-PB	Splice junction	2R:-:50948512-50948806,50948265-50948394;2R:-:50948512-50948806,50948265-50948394	Head	3	4
1191	JHU_Ag_1067	GLASTYPEPEDKK	55	AGAP004159-PB	Splice junction	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	Pupa	3	4
1192	JHU_Ag_73429	GLAVFISDIRNCK	74	AGAP009538-PA	Splice junction	3R:+:35609833-35609866,35609962-35609966	Malpighian tubule	1	2
1193	JHU_Ag_69974	GLDFIQEFLKR	63	AGAP005990-PA	Splice junction	2L:-:24567365-24567570,24566886-24567156	Malpighian tubule	2	3
1194	JHU_Ag_278	GLDPEALTGKYPPK	104	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229	Remaining organs	4	5
1195	JHU_Ag_108922	GLDVDDVKFVINFDFPNNTEDYVHR	38	AGAP004912-PA,AGAP004912-PB	Splice junction,Splice junction	2L:+:5827729-5827735,5830393-5830460;2L:+:5827729-5827735,5830393-5830460	Malpighian tubule	1	2
1196	JHU_Ag_78042	GLDVEDVK	49	AGAP005652-PA	Splice junction	3L:-:36849800-36849777;2L:+:18295746-18295752,18299822-18299838	Salivary gland	2	3
1197	JHU_Ag_86298	GLEQIPGGDVK	35	AGAP004870-PA	Splice junction	2L:+:4692907-4692915,4693165-4693188	Malpighian tubule	1	2
1198	JHU_Ag_61056	GLHDTGLDISAEEATEMFNK	68	AGAP007666-PA	Splice junction	2L:-:48867858-48868077,48867585-48867737	Head	1	2
1199	JHU_Ag_105917	GLIPEEIIGATDEHGK	66	AGAP004723-PA	Splice junction	2L:+:2757267-2757291,2760014-2760036	Ovary	3	4
1200	JHU_Ag_50565	GLIPEEIIGATDEHGKLMFLMK	59	AGAP004723-PA	Splice junction	2L:+:2757267-2757291,2760014-2760054	Ovary	3	4
1201	JHU_Ag_80968	GLIQCVLFHPIKPCLFVATQR	31	AGAP007128-PA	Splice junction	2L:+:43110917-43110970,43111060-43111068	Ovary	3	4
1202	JHU_Ag_52786	GLKQIADDSHR	45	AGAP002518-PA	residue overlap splice site	2R:-:22186672-22186640	Malpighian tubule	3	4
1203	JHU_Ag_13487	GLKVSFDGMFVPHTGSK	90	AGAP009833-PA	Splice junction	3R:+:44049495-44049538,44049746-44049752	Malpighian tubule	1	2
1204	JHU_Ag_29204	GLLPPVYDLDDRK	42	AGAP006907-PA	Splice junction	2L:+:39857346-39857360,39857429-39857452	Midgut	1	2
1205	JHU_Ag_31960	GLPLIGNALDLVGSSHSVFR	69	AGAP001076-PB,AGAP001076-PD	Splice junction,Splice junction	X:-:22946483-22946654,22945133-22945320;X:-:22946483-22946654,22945133-22945320	Larva	1	2
1206	JHU_Ag_17477	GLQKEQAVQVAK	42	AGAP004744-PA	Splice junction	2L:+:3023443-3023469,3023539-3023547	Ovary	5	6
1207	JHU_Ag_27663	GLQNELDELANTQGTADK	96	AGAP007523-PA,AGAP007523-PB	Splice junction,Splice junction	2L:+:47184606-47184644,47184720-47184734;2L:+:47184606-47184644,47184720-47184734	Salivary gland	9	10
1208	JHU_Ag_27081	GLQNELDELANTQGTADKNVHELEK	73	AGAP007523-PA,AGAP007523-PB	Splice junction,Splice junction	2L:+:47184606-47184644,47184720-47184755;2L:+:47184606-47184644,47184720-47184755	Head	9	10
1209	JHU_Ag_34883	GLQSILLFGVVDKMPK	27	AGAP010935-PA	residue overlap splice site	3L:-:13365441-13365394	Malpighian tubule	2	3

1210	JHU_Ag_54663	GLSNLIQDLILR	80	AGAP000697-PB,AGAP000697-PA	residue overlap splice site,residue overlap splice site	X:+:12536323-12536355,12536487-12536489;X:+:12536323-12536355,12536487-12536489	Head	5	6
1211	JHU_Ag_12428	GLTAGINHEVTEGGENLSVGQR	67	AGAP009835-PA	Splice junction	3R:-:44057076-44057797,44056835-44056937	Ovary	18	19
1212	JHU_Ag_16757	GLTETGDSAPTHQSPAK	91	AGAP003439-PK,AGAP003439-PG,AGAP003439-PR,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC,AGAP003439-PE	Splice junction,Splice junction	2R:-:37761826-37761954,37760980-37761674;2R:-:37761826-37761954,37760980-37761674;2R:-:37761826-37761954,37760980-37761674;

1227	JHU_Ag_71200	GNEFFCEVDEDYIQDK	130	AGAP011438-PA	Splice junction	3L:+:24718047-24718067,24718257-24718283	Head	1	2
1228	JHU_Ag_12093	GNEFFCEVDEDYIQDKFNLTGLNEQVPNYR	104	AGAP011438-PA	Splice junction	3L:+:24718047-24718067,24718257-24718325	Midgut	1	2
1229	JHU_Ag_97996	GNEFFK	33	AGAP004151-PA	residue overlap splice site	2R:-:50759422-50759405	Malpighian tubule	1	2
1230	JHU_Ag_80132	GNEFFKEQNYEQAIALYTEAIETCPNER	37	AGAP004151-PA	Splice junction	2R:-:50759422-50759539,50758894-50759219	Ovary	1	2
1231	JHU_Ag_75788	GNGMSLVHWHSGTFYPDIK	105	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41196599-41196655;2R:+:41196599-41196655;2R:+:41196599-41196655	Midgut	28	29
1232	JHU_Ag_12079	GNIGQPQQQQQGGAGGAGGGQR	148	AGAP006935-PA,AGAP006935-PC	Splice junction,Splice junction	2L:-:40150746-40150887,40150462-40150582;2L:-:40150746-40150887,40150462-40150582	Ovary	4	5
1233	JHU_Ag_1763	GNKNEVGAPMPGSVIEIK	42	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:2999768-3000828,2999465-2999630;2L:-:2999768-3000828,2999465-2999630	Head	5	6
1234	JHU_Ag_5563	GNKNTNVVWVSCSGENPADNEHIGAIQYIPR	188	AGAP009595-PA	Splice junction	3R:+:36764822-36764833,36764910-36764990	Malpighian tubule	5	6
1235	JHU_Ag_12489	GNLSYFVHTPHSLMLQDVK	79	AGAP000017-PA	Splice junction	X:+:217066-217113,217247-217255	Midgut	9	10
1236	JHU_Ag_15544	GNPESLAIGAGDGK	104	AGAP001751-PC,AGAP001751-PB	Splice junction,Splice junction	2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123	Midgut	4	5
1237	JHU_Ag_22290	GNRDDEYDYLFK	69	AGAP004559-PH	residue overlap splice site	2R:+:57598145-57598180	Ovary	1	2
1238	JHU_Ag_83181	GNTQITVSMLNQLIAK	33	AGAP007683-PA	Splice junction	2L:-:49006184-49006332,49005915-49006065	Ovary	5	6
1239	JHU_Ag_16816	GNTYNDQNEQIDTK	49	AGAP000032-PA	Splice junction	X:+:415466-415466,416787-416827	Pupa	2	3
1240	JHU_Ag_100809	GNVLGSLIPAR	56	AGAP009649-PA	Splice junction	3R:+:37609680-37609695,37614347-37614363	Larva	1	2
1241	JHU_Ag_36135	GPASVDYIPGCFIESEAK	51	AGAP010490-PA	Splice junction	3L:+:5021512-5021539,5021641-5021666	Head	10	11
1242	JHU_Ag_31276	GPAVYSALGK	56	AGAP012188-PA	Splice junction	3L:+:38533305-38533320,38533528-38533541	Head	1	2
1243	JHU_Ag_20836	GPEMLIAFHSSPFSAPLQSGQSNR	82	AGAP006059-PA	Splice junction	2L:-:25806135-25806064	Head	7	8
1244	JHU_Ag_82748	GPEYGTTEAAWK	60	AGAP008046-PA	Splice junction	3R:+:4839908-4839908,4841721-4841755	Head	2	3
1245	JHU_Ag_2111	GPFITALGR	69	AGAP006901-PA	Splice junction	2L:-:39705843-39705817	Male reproductive organs	11	12
1246	JHU_Ag_22634	GPGPQYLLPQLLGTK	48	AGAP008318-PA	Splice junction	3R:+:8957331-8957367,8958268-8958275	Head	1	2
1247	JHU_Ag_67277	GPIGALGQLCPLFK	74	AGAP008940-PA	residue overlap splice site	3R:+:21307929-21307970	Midgut	2	3
1248	JHU_Ag_6668	GPPFAFVEFEDAR	119	AGAP010496-PA	Splice junction	3L:+:5043567-5043605;3L:+:5046460-5046497,5046582-5046582	Male reproductive organs	1	2
1249	JHU_Ag_29931	GPPILAEDFLDIQGQPINPWSR	91	AGAP002884-PA	Splice junction	2R:+:28672406-28672444,28672512-28672538	Midgut	2	3
1250	JHU_Ag_17416	GPQAQIAKPIR	54	AGAP000561-PA	Splice junction	X:+:9962822-9962840,9962924-9962937	Malpighian tubule	6	7
1251	JHU_Ag_106403	GPTSTSRPEGK	61	AGAP001633-PA	Splice junction	2R:-:7153540-7153508	Head	22	23
1252	JHU_Ag_53736	GPVESLIYWR	93	AGAP007940-PA	Splice junction	3R:-:3224561-3224633,3224113-3224298	Larva	1	2
1253	JHU_Ag_41816	GPYQPASPPPTYDVGLPQGVVMNPLDAQCNVQR	43	AGAP006176-PB	Splice junction	2L:-:27671128-27671253,27668396-27668553	Larva	5	6
1254	JHU_Ag_73287	GQCSGDSGGPLIYK	86	AGAP004900-PA	Splice junction	2L:-:5634578-5635138,5634319-5634448	Midgut	2	3
1255	JHU_Ag_40635	GQDPNGKFTFVVK	51	AGAP001826-PA	Splice junction	2R:-:11123155-11123258,11117745-11123043	Pupa	3	4
1256	JHU_Ag_80372	GQDVIGLIDFTTDR	72	AGAP002804-PA	Splice junction	2R:-:27809925-27810066,27809536-27809809	Larva	1	2
1257	JHU_Ag_72314	GQECEFVGYNK	65	AGAP006996-PA	residue overlap splice site	2L:+:40537525-40537557	Ovary	2	3
1258	JHU_Ag_11431	GQECEFVGYNKVIK	58	AGAP006996-PA	Splice junction	2L:+:40537525-40537557,40537629-40537637	Malpighian tubule	2	3
1259	JHU_Ag_28767	GQESGTTLTIGPK	43	AGAP007717-PB,AGAP007717-PC	Splice junction,Splice junction	2L:-:49228807-49228810,49228501-49228526;2L:-:49228807-49228810,49228501-49228526	Male reproductive organs	1	2
1260	JHU_Ag_17968	GQKPIDRNTFSLNFANPAAR	89	AGAP002465-PA	Splice junction	2R:+:21826739-21826780,21826850-21826867	Malpighian tubule	2	3

1261	JHU_Ag_2899	GQLIMGIGHR	44	AGAP010156-PA	Splice junction	3R:+:49553999-49554028;3R:+:49527992-49528021	Salivary gland	7	8
1262	JHU_Ag_114560	GQLLGHSGWVTQIATNPKYPDMILSSSR	112	AGAP010173-PA	residue overlap splice site	3R:+:49908173-49908256	Malpighian tubule	1	2
1263	JHU_Ag_60315	GQLSDALTHYHAAVEGDPSNYLTYFK	58	AGAP002752-PA	Splice junction	2R:+:26670513-26670555,26670951-26670985	Salivary gland	2	3
1264	JHU_Ag_17885	GQVVIRPMMYVALTYDHR	65	AGAP004055-PB	Splice junction	2R:-:49086506-49086806,49086293-49086380	Salivary gland	5	6
1265	JHU_Ag_113780	GQVVIRPMMYVALTYDHRLIDGR	64	AGAP004055-PB	Splice junction	2R:-:49086506-49086806,49086293-49086365	Head	5	6
1266	JHU_Ag_41497	GREYQTR	34	AGAP002456-PB	Splice junction	2R:-:21565961-21566138,21565617-21565875;2R:-:21565961-21566138,21565617-21565875	Head	9	10
1267	JHU_Ag_69105	GRHVIVCDNGTGFVK	77	AGAP000985-PA	Splice junction	X:+:18919021-18919056,18919170-18919178	Midgut	1	2
1268	JHU_Ag_80698	GRMTHDQFNINLQTGPNTNPR	59	AGAP012529-PA	Splice junction	UNKN:-:11588484-11588547,11588073-11588352	Midgut	2	3
1269	JHU_Ag_6061	GRPDDEITELILDNCR	86	AGAP005075-PB	Splice junction	2L:+:9645784-9645801,9649094-9649123	Head	1	2
1270	JHU_Ag_61245	GSAANTPTQTASNQK	92	AGAP010087-PA	Splice junction	3R:+:48692377-48692411,48692511-48692520	Head	7	8
1271	JHU_Ag_91200	GSAANTPTQTASNQKNVK	40	AGAP010087-PA	Splice junction	3R:+:48692377-48692411,48692511-48692529	Malpighian tubule	7	8
1272	JHU_Ag_16150	GSAIVLPPLAK	27	AGAP000017-PA	Splice junction	X:+:214765-214770,214847-214873	Midgut	2	3
1273	JHU_Ag_48332	GSAPLAIGLSITAGHLAAIK	30	AGAP008842-PA	Splice junction	3R:-:19308360-19308516,19308116-19308191	Pupa	4	5
1274	JHU_Ag_57030	GSAPLAIGLSITAGHLAAIKYTGASMNPAR	112	AGAP008842-PA	Splice junction	3R:-:19308360-19308516,19308116-19308161	Malpighian tubule	4	5
1275	JHU_Ag_18414	GSDEVLDVCKK	84	AGAP002170-PA	Splice junction	2R:-:16834132-16834378,16833909-16834026	Head	3	4
1276	JHU_Ag_3495	GSDVIAQAQSGTGK	107	AGAP009863-PA	Splice junction	3R:-:44561074-44561275,44559094-44559921	Salivary gland	1	2
1277	JHU_Ag_1837	GSFGELALLYNMPR	89	AGAP004940-PA	residue overlap splice site	2L:+:6259901-6259941,6260007-6260007	Head	4	5
1278	JHU_Ag_71118	GSHNGTLSGHENR	92	AGAP001506-PA	Splice junction	2R:-:5698602-5698676,5698396-5698477	Head	5	6
1279	JHU_Ag_82355	GSIRDEDLSSESVEVLR	56	AGAP001147-PA	Splice junction	2R:-:600209-600239,599852-600092	Head	1	2
1280	JHU_Ag_22988	GSLYPPLSAIKECSMDIAVGVTNYAYQK	72	AGAP004159-PA	residue overlap splice site	2R:-:50948596-50948513;2R:-:50948596-50948513	Malpighian tubule	2	3
1281	JHU_Ag_79846	GSMSMKEVDQQMLNIQSK	85	AGAP005293-PB,AGAP005293-PA	Splice junction,Splice junction	2L:+:13795941-13795941,13796007-13796059;2L:+:13795941-13795941,13796007-13796059	Malpighian tubule	5	6
1282	JHU_Ag_98094	GSNEFILTDDKQSTMDQIK	98	AGAP012302-PA	Splice junction	3L:-:39931019-39931152,39930685-39930886	Midgut	2	3
1283	JHU_Ag_32559	GSQGTASGQADQFDMSK	118	AGAP001939-PA	Splice junction	2R:-:12677993-12679783,12677694-12677835	Salivary gland	2	3
1284	JHU_Ag_13495	GSSGDYTEQPIPEQFK	64	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	Splice junction,Splice junction,Splice junction	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	Salivary gland	5	6
1285	JHU_Ag_88337	GSSGDYTEQPIPEQFKTIVK	98	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	Splice junction,Splice junction,Splice junction	3R:-:49914574-49914703,49914396-49914438;3R:-:49914574-49914703,49914396-49914438;3R:-:49914574-49914703,49914396-49914438	Malpighian tubule	5	6
1286	JHU_Ag_14456	GSSNSVSTTTPPQTPPVVK	34	AGAP003198-PA	residue overlap splice site	2R:-:33770911-33771028,33770306-33770747	Head	3	4
1287	JHU_Ag_17037	GSTLVSTLMTQARPK	102	AGAP009491-PA	Splice junction	3R:+:34710874-34710892,34711055-34711080	Malpighian tubule	1	2
1288	JHU_Ag_31644	GSVQEFISFASK	56	AGAP000392-PA	Splice junction	X:+:7190806-7190828,7190912-7190924	Malpighian tubule	1	2
1289	JHU_Ag_51291	GSVTLHGFWCPQLLTDVDGK	57	AGAP009945-PA	Splice junction	3R:+:45808888-45808899,45809067-45809114	Midgut	2	3
1290	JHU_Ag_94989	GSVTLHGFWCPQLLTDVDGKELVDTLPNAR	66	AGAP009945-PA	Splice junction	3R:+:45808888-45808899,45809067-45809144	Remaining organs	2	3
1291	JHU_Ag_74543	GSWATPFQQLR	56	AGAP001375-PA	Splice junction	2R:+:4011673-4011696,4011779-4011787	Pupa	3	4
1292	JHU_Ag_102578	GTCPCAIGKNCEDLNHSCNCDANLNR	50	AGAP006513-PA	Splice junction	2L:-:33301621-33301544	Malpighian tubule	8	9
1293	JHU_Ag_42108	GTDIAMGSAVLQR	104	AGAP012800-PA	Splice junction	UNKN:-:30042348-30042594,30042061-30042241	Malpighian tubule	7	8
1294	JHU_Ag_10149	GTDWILNEMK	69	AGAP010039-PA	Splice junction	3R:-:48119046-48119289,48117877-48118943	Remaining organs	1	2
1295	JHU_Ag_32267	GTFLVSKECIPYLR	55	AGAP012513-PA	Splice junction	UNKN:+:9868680-9868693,9868766-9868793	Malpighian tubule	3	4
1296	JHU_Ag_79316	GTFLVSKECLPYLR	55	AGAP012514-PA	Splice junction	UNKN:+:9870728-9870741,9870823-9870850	Malpighian tubule	2	3
1297	JHU_Ag_49571	GTFQPDSDVHITYEDQMK	85	AGAP006946-PA	Splice junction	2L:-:40198742-40198772,40198288-40198621	Ovary	1	2

1298	JHU_Ag_54970	GTGAMENWGLVAYGEPVLLFNPAINTYR	75	AGAP001881-PA	Splice junction	2R:+:11834933-11834973,11835362-11835404	Midgut	1	2
1299	JHU_Ag_7831	GTHYSVGFDVGR	62	AGAP000023-PA	Splice junction	X:-:322960-323017,321973-322061	Head	1	2
1300	JHU_Ag_7991	GTIFFEQSGESDPVK	62	AGAP010347-PA	Splice junction	3L:+:1918787-1918810,1919247-1919267	Larva	1	2
1301	JHU_Ag_86880	GTIFFEQSGSSVAVTGALEGLRPGK	44	AGAP010347-PB	Splice junction	3L:+:1918787-1918810,1919966-1920016	Remaining organs	1	2
1302	JHU_Ag_3500	GTLDDQVTNLNVITLNAAHFLR	90	AGAP010133-PA	Splice junction	3R:+:49293816-49293860,49293965-49293985	Midgut	2	3
1303	JHU_Ag_44206	GTNNVALGYDEGSIIIK	50	AGAP004798-PA	Splice junction	2L:-:3643762-3644250,3643478-3643584	Ovary	3	4
1304	JHU_Ag_52210	GTSCEQCEDLHYRDIYDR	85	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351	Midgut	32	33
1305	JHU_Ag_70697	GTSSLGIMIIEGK	85	AGAP002145-PA	Splice junction	2R:-:16416006-16415968	Head	12	13
1306	JHU_Ag_47005	GTVLHLVPPIIIFLGHHDGVKPR	72	AGAP002718-PA,AGAP002718-PB	Splice junction,Splice junction	2R:-:26172404-26172742,26171532-26172252;2R:-:26172404-26172659,26171532-26172252	Malpighian tubule	4	5
1307	JHU_Ag_16815	GTVQAIMR	54	AGAP007684-PA	Splice junction	2L:-:49014258-49014445,49013994-49014141	Midgut	5	6
1308	JHU_Ag_59799	GVDPIDMPIDPIPDLNLR	69	AGAP003559-PA	Splice junction	2R:-:39521564-39521816,39477840-39477994	Salivary gland	1	2
1309	JHU_Ag_62364	GVDVLSGDIYQELLPACGAHQLCYLCGVSPK	56	AGAP006772-PA	Splice junction	2L:+:38108945-38109022,38109094-38109108	Head	7	8
1310	JHU_Ag_4411	GVEADRYVQCFMTALGFADESGSIQR	121	AGAP008280-PA	Splice junction	3R:-:8557718-8557862,8557291-8557570	Salivary gland	1	2
1311	JHU_Ag_73158	GVEDLDFYIGDEAFDATGYSVK	34	AGAP005110-PA	residue overlap splice site	2L:+:10204639-10204704	Ovary	2	3
1312	JHU_Ag_14231	GVEGYLPCEIDPVDNLEVALNR	39	AGAP003475-PA	Splice junction	2R:-:38183155-38183158,38176286-38177606	Midgut	1	2
1313	JHU_Ag_97196	GVIDVTQCK	48	AGAP003064-PA,AGAP003061-PA	Splice junction,Splice junction	2R:-:31946132-31946896,31945814-31946036;2R:-:31931588-31932352,31931263-31931485	Ovary	2	3
1314	JHU_Ag_4202	GVLDVSNSFAVPFDEDDKDK	94	AGAP012135-PA	Splice junction	3L:-:38000346-38000487,37999396-38000212	Male reproductive organs	1	2
1315	JHU_Ag_19056	GVLKEYQVIGR	64	AGAP012879-PA,AGAP012284-PA	Splice junction,Splice junction	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	Pupa	1	2
1316	JHU_Ag_2844	GVLSGGCGEQSIR	77	AGAP006966-PA	Splice junction	2L:+:40290308-40290308,40290395-40290432	Head	4	5
1317	JHU_Ag_115370	GVNSALTTYFFGPK	64	AGAP009117-PA	Splice junction	3R:-:26157063-26157022	Head	6	7
1318	JHU_Ag_58921	GVPTLEDLGVNLTYMEDQVPWELRPYR	96	AGAP010792-PA	Splice junction	3L:+:10413162-10413215,10413292-10413318	Remaining organs	1	2
1319	JHU_Ag_11653	GVQDLQDHVLVQCDFEIFGQVQGCGFTK	112	AGAP008311-PA	Splice junction	3R:+:8857256-8857322,8858984-8859000	Remaining organs	1	2
1320	JHU_Ag_12199	GVQIVPIANGDQTTFPKPGQTAVVHYTGTLDDGTVFDSSR	94	AGAP012184-PA	Splice junction	3L:-:38473762-38473765,38473308-38473512	Remaining organs	1	2
1321	JHU_Ag_88519	GVQIVPIANGDQTTFPKPGQTAVVHYTGTLDDGTVFDSSRTR	34	AGAP012184-PA	Splice junction	3L:-:38473762-38473765,38473308-38473506	Malpighian tubule	1	2
1322	JHU_Ag_64233	GVRDFVNTR	43	AGAP012823-PA,AGAP003367-PA	Splice junction,Splice junction	UNKN:-:31704982-31705072,31704742-31704830;2R:+:36893298-36893305,36893432-36893450	Malpighian tubule	1	2
1323	JHU_Ag_79687	GVRVNSVNPAVIVTNFHK	47	AGAP011852-PA	Splice junction	3L:-:34100473-34101082,34100139-34100334	Malpighian tubule	1	2
1324	JHU_Ag_32341	GVSCDGQTTINSCEDCKR	36	AGAP008645-PA	Splice junction	3R:+:13896850-13896870,13896970-13897002	Malpighian tubule	2	3
1325	JHU_Ag_22184	GVVDLMGSEGECTTQGLDDLAAR	130	AGAP002564-PA,AGAP002564-PB	Splice junction,Splice junction	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	Pupa	2	3
1326	JHU_Ag_8447	GVVGTIVVNNEGIPVK	107	AGAP003360-PA	Splice junction	2R:-:36735282-36735327,36734382-36735080	Ovary	2	3
1327	JHU_Ag_85964	GVWGAASVTDNMVCASEPGR	84	AGAP006869-PA	Splice junction	2L:-:39278349-39278652,39278059-39278224	Larva	2	3
1328	JHU_Ag_62797	GVWTPTAMEFLQPSFYTK	72	AGAP000393-PB	Splice junction	X:+:7195456-7195499,7195584-7195593	Remaining organs	2	3
1329	JHU_Ag_1592	GWAPTFFGYSAQGAFK	105	AGAP013333-PA,AGAP003586-PA	Splice junction,Splice junction	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	Head	1	2
1330	JHU_Ag_18617	GWDQGLTDMCVGEK	95	AGAP008822-PA	Splice junction	3R:+:18560406-18560439,18560519-18560526	Larva	2	3
1331	JHU_Ag_28053	GWLWSDTNCNTQLNFICQHQPK	36	AGAP000123-PA	Splice junction	X:+:2006291-2006348,2006424-2006431	Pupa	4	5
1332	JHU_Ag_19770	GWSAEFSADCPELKPGIGAIASSR	68	AGAP002739-PA	Splice junction	2R:+:26430136-26430137,26430209-26430278	Pupa	3	4

1333	JHU_Ag_69099	GYDEFVPHHVHVVDEER	124	AGAP001200-PA,AGAP001200-PB	Splice junction,Splice junction	2R:+:1288266-1288292,1288394-1288417;2R:+:1288266-1288292,1288394-1288417	Malpighian tubule	4	5
1334	JHU_Ag_7768	GYDPVFRLDSDDIQGIQTLYGTK	65	AGAP006904-PA	Splice junction	2L:+:39832237-39832278,39832352-39832378	Ovary	2	3
1335	JHU_Ag_39689	GYGFVDFESPSCAEGAVK	55	AGAP005964-PA,AGAP005964-PB	Splice junction,Splice junction	2L:-:24129749-24129807,24129288-24129327;2L:-:24129749-24129807,24129288-24129327	Head	3	4
1336	JHU_Ag_93352	GYGGLLAEQGEDWHK	100	AGAP008018-PA	Splice junction	3R:+:4319344-4319366,4319425-4319446	Midgut	2	3
1337	JHU_Ag_15862	GYGYGQGGGALQSDTTNIECEFAPKPSAVDTSAIK	59	AGAP012305-PA	Splice junction	3L:+:39984616-39984674,39985184-39985229	Male reproductive organs	5	6
1338	JHU_Ag_50595	GYLVTQDELDQTLEQFKEQFGDKPSEK	46	AGAP010064-PA	Splice junction	3R:+:48534050-48534123,48534194-48534200	Midgut	1	2
1339	JHU_Ag_32284	GYSNLTNQVVALK	42	AGAP005729-PA	Splice junction	2L:-:19802516-19802597,19795658-19795805	Salivary gland	4	5
1340	JHU_Ag_54843	GYVSTVVGCPYEGK	42	AGAP008717-PA	Splice junction	3R:+:15993290-15993311,15993389-15993408	Malpighian tubule	2	3
1341	JHU_Ag_21444	HAGTLIFFHGSGDTGNGLTEWIR	126	AGAP004271-PA	Splice junction	2R:-:53525658-53525700,53524806-53525448	Remaining organs	1	2
1342	JHU_Ag_28507	HALKPDQVIAVHIDNGFMR	76	AGAP010139-PA	Splice junction	3R:-:49358155-49358206,49357474-49358023	Malpighian tubule	6	7
1343	JHU_Ag_54566	HAPGLVEVIIYSSPDDK	87	AGAP001419-PC	Splice junction	2R:+:4714058-4714064,4717631-4717674	Head	5	6
1344	JHU_Ag_19364	HASAGGLVTAVAPVVIK	135	AGAP008227-PA	Splice junction	3R:-:7172398-7172527,7168990-7170372	Ovary	1	2
1345	JHU_Ag_78253	HASAGGLVTAVAPVVIKGK	127	AGAP008227-PA	Splice junction	3R:-:7172398-7172527,7168990-7170366	Malpighian tubule	1	2
1346	JHU_Ag_32726	HAVDDRDLSTQVNYK	75	AGAP009036-PA	Splice junction	3R:+:24442039-24442071,24442150-24442161	Salivary gland	12	13
1347	JHU_Ag_16157	HDAATNYVDASNCYKK	78	AGAP003192-PA	residue overlap splice site	2R:-:33742771-33742724	Head	2	3
1348	JHU_Ag_117726	HDLGDDGHDDDDVGVSPK	127	AGAP006475-PA	Splice junction	2L:-:32684566-32684513	Head	11	12
1349	JHU_Ag_47498	HDVTDLIK	37	AGAP004529-PA	Splice junction	2R:+:57395910-57395927,57395991-57395996	Head	1	2
1350	JHU_Ag_86259	HEASQLQAAAAQQNGTK	110	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	Splice junction,Splice junction,Splice junction	X:-:1450421-1450537,1448592-1448805;X:-:1450421-1450537,1448592-1448805;X:-:1450421-1450537,1448592-1448805	Head	3	4
1351	JHU_Ag_90346	HEDTNLASSTLIADPSQR	39	AGAP011360-PA	Splice junction	3L:-:21914763-21914875,21913186-21913251	Ovary	5	6
1352	JHU_Ag_7277	HEEFTQGCDAACNGPYDNR	134	AGAP000367-PA	Splice junction	X:-:6774157-6774166,6773292-6774021	Head	2	3
1353	JHU_Ag_50802	HEEFTQGCDAACNGPYDNRWSK	94	AGAP000367-PA	Splice junction	X:-:6774157-6774166,6773292-6774012	Malpighian tubule	2	3
1354	JHU_Ag_60225	HEIFYLLDER	45	AGAP009246-PA	Splice junction	3R:-:29385915-29386089,29384137-29384309	Head	1	2
1355	JHU_Ag_102176	HELDITQEALQK	85	AGAP010206-PA	Splice junction	3R:-:50706523-50706703,50704726-50705080	Head	1	2
1356	JHU_Ag_10232	HENIIDIR	45	AGAP009207-PA	Splice junction	3R:-:28708669-28708816,28702648-28702744	Head	1	2
1357	JHU_Ag_103455	HENVVEK	30	AGAP004307-PB	Splice junction	2R:-:54320427-54320646,54320170-54320338	Head	2	3
1358	JHU_Ag_7273	HEQDYMHVR	34	AGAP004743-PA	Splice junction	2L:+:3020904-3020924,3020985-3020990	Midgut	3	4
1359	JHU_Ag_8973	HETSSIHDFNAGVANR	82	AGAP002355-PB,AGAP002355-PA	Splice junction,Splice junction	2R:+:20590833-20590866,20590928-20590941;2R:+:20590833-20590866,20590928-20590941	Remaining organs	3	4
1360	JHU_Ag_3067	HEYLNCEYDDYILR	117	AGAP007574-PA	Splice junction	2L:+:47791811-47791839,47791916-47791928	Malpighian tubule	2	3
1361	JHU_Ag_57707	HFAGAVCYNTNQFIEK	135	AGAP000776-PA	Splice junction	X:-:13924271-13924637,13923499-13924121	Malpighian tubule	5	6
1362	JHU_Ag_33812	HFAPSVPIVLVGTK	49	AGAP003092-PE	Splice junction	2R:+:32413997-32414030,32414224-32414231	Midgut	2	3
1363	JHU_Ag_96312	HFNLHTIDTLAQTILNCFSASSEDVK	130	AGAP009970-PA	Splice junction	3R:+:46919592-46919596,46919683-46919755	Ovary	5	6
1364	JHU_Ag_17555	HFPSINWLISYSK	64	AGAP003153-PA	Splice junction	2R:-:33386835-33387884,33386330-33386723	Remaining organs	3	4
1365	JHU_Ag_75874	HFPSINWLISYSKYMR	108	AGAP003153-PA	Splice junction	2R:-:33386835-33387884,33386330-33386714	Malpighian tubule	3	4
1366	JHU_Ag_7910	HFPTDIDYTDNIMEK	86	AGAP002145-PA	Splice junction	2R:-:16416262-16416305,16416078-16416111	Head	11	12
1367	JHU_Ag_35043	HGDGTDTDFSESEALSSLQISGPAK	47	AGAP004852-PA	Splice junction	2L:-:4470329-4470605,4470116-4470171	Ovary	7	8
1368	JHU_Ag_42013	HGDGVAVIDGVYSNELR	108	AGAP004655-PA	Splice junction	2R:-:59558307-59558421,59558008-59558189	Midgut	1	2
1369	JHU_Ag_31181	HGESEHNLQGLIGGDSNLSER	50	AGAP012010-PA	Splice junction	3L:+:36247341-36247403	Midgut	4	5
1370	JHU_Ag_9899	HGEVCPAGWKPGQDTIVPNPEEK	93	AGAP007543-PA	Splice junction	2L:+:47439303-47439347,47439423-47439446	Midgut	2	3
1371	JHU_Ag_44056	HGSLLDYLQGK	69	AGAP006270-PA	residue overlap splice site	2L:-:28931977-28932108,28931697-28931861	Head	6	7
1372	JHU_Ag_27412	HGSVSSQGAPVHAAVELDPLSGLPQSSFEDK	72	AGAP009037-PA	Splice junction	3R:-:24472239-24472576,24471987-24472068	Head	4	5
1373	JHU_Ag_51289	HHCPDAPIILVGTK	53	AGAP001573-PA	Splice junction	2R:-:6360726-6360925,6360361-6360592	Head	2	3
1374	JHU_Ag_90475	HHGCGYEACPEPK	76	AGAP008582-PA	Splice junction	3R:+:13285624-13285644,13285718-13285735	Larva	1	2

1375	JHU_Ag_5733	HHLTTSNGTLPITR	84	AGAP010293-PA	Splice junction	3R:+:52355663-52355685,52357844-52357862	Head	2	3
1376	JHU_Ag_26052	HHQSIAEMYENEANDLQR	130	AGAP003192-PA	Splice junction	2R:-:33742556-33742640,33742111-33742426	Head	3	4
1377	JHU_Ag_37002	HHQVYELYPNK	59	AGAP000380-PB,AGAP000380-PA	Splice junction,Splice junction	X:-:6909069-6909355,6908718-6908961;X:-:6909069-6909355,6908718-6908961	Head	2	3
1378	JHU_Ag_5130	HIDTAVVYR	46	AGAP009187-PA	Splice junction	3R:-:28572647-28572692,28572412-28572500	Ovary	1	2
1379	JHU_Ag_48462	HIGAVNQEPVLFSGSIR	39	AGAP002717-PA	Splice junction	2R:+:26168986-26169006,26169079-26169108	Head	6	7
1380	JHU_Ag_28433	HIIQIDQGGLTLPSR	59	AGAP007796-PA	Splice junction	3R:-:1073316-1073822,1072817-1073203	Head	2	3
1381	JHU_Ag_26562	HILIDQTNVFASEQK	108	AGAP005305-PA	Splice junction	2L:+:13903908-13903925,13903993-13904019	Ovary	5	6
1382	JHU_Ag_37663	HILIDQTNVFASEQKR	52	AGAP005305-PA	Splice junction	2L:+:13903908-13903925,13903993-13904022	Ovary	5	6
1383	JHU_Ag_112597	HIQEKFQKPDGKPVFLK	76	AGAP000109-PA	Splice junction	X:-:1793093-1793189,1792841-1792955	Malpighian tubule	2	3
1384	JHU_Ag_41825	HIVCCGGEDAEAINTEEFEEHYQEVHSEADK	126	AGAP003775-PA	Splice junction	2R:+:43152759-43152782,43152865-43152933	Remaining organs	2	3
1385	JHU_Ag_34149	HIVENLLEDK	56	AGAP009554-PA	Splice junction	3R:-:36092097-36092391,36090464-36090595	Head	7	8
1386	JHU_Ag_17417	HKDAQDVIVAAGNSFELTVSR	43	AGAP006901-PA,AGAP006901-PB	Splice junction,Splice junction	2L:-:39721094-39721184,39720767-39720938;2L:-:39721094-39721184,39720767-39720938	Remaining organs	2	3
1387	JHU_Ag_90174	HLADYIHER	65	AGAP005846-PA	Splice junction	2L:+:22436433-22436447,22436510-22436521	Pupa	1	2
1388	JHU_Ag_60022	HLDYLVHCTNEPNVSIPHLATLLIER	49	AGAP010087-PA	Splice junction	3R:+:48689168-48689177,48690120-48690187	Malpighian tubule	1	2
1389	JHU_Ag_9205	HLFAVESIVENPEFLLQAINGDESNVDMLPGMAIR	193	AGAP012952-PA	Splice junction	2R:+:52985391-52985421,52985503-52985576	Ovary	3	4
1390	JHU_Ag_95042	HLIDTVAK	32	AGAP007050-PA	Splice junction	2L:-:41830867-41831128,41829298-41830768	Salivary gland	2	3
1391	JHU_Ag_102457	HLIDTVAKDYVR	82	AGAP007050-PA	Splice junction	2L:-:41830867-41831128,41829298-41830756	Malpighian tubule	2	3
1392	JHU_Ag_75710	HLLTSEVRDNLIAVTEGHR	92	AGAP000958-PA	Splice junction	X:-:18377179-18377590,18376824-18377030	Malpighian tubule	3	4
1393	JHU_Ag_45054	HLNEVLLNAAEK	74	AGAP005948-PA	Splice junction	2L:+:23986458-23986482,23986607-23986617	Malpighian tubule	3	4
1394	JHU_Ag_19842	HLNEVLLNAAEKYPNIHLHFNHK	31	AGAP005948-PA	Splice junction	2L:+:23986458-23986482,23986607-23986650	Midgut	3	4
1395	JHU_Ag_15235	HLNNLLEYYLEPLK	38	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:34299937-34299896;2L:-:34299937-34299896;2L:-:34299937-34299896;2L:-:34299937-34299896	Head	22	23
1396	JHU_Ag_103470	HLPKPDDLLCGQCNEPLGFLCQVYAPVEANENSFHR	34	AGAP005582-PA	Splice junction	2L:-:17373105-17373219,17372869-17372931	Ovary	1	2
1397	JHU_Ag_1478	HLSDVEFEAILQCTRPEFYR	56	AGAP005425-PA	Splice junction	2L:-:15383650-15383591	Head	11	12
1398	JHU_Ag_50572	HMGSLFFLFDHK	42	AGAP007572-PA	Splice junction	2L:+:47770660-47770691,47770770-47770773	Head	3	4
1399	JHU_Ag_1227	HMYDIDNNGFLDNNDFQCMALR	55	AGAP007963-PA	Splice junction	3R:+:3358497-3358506,3364603-3364658	Larva	1	2
1400	JHU_Ag_64138	HNDILDDLAQTMETTDGR	68	AGAP006100-PA	Splice junction	2L:-:26650382-26650914,26650151-26650265	Head	2	3
1401	JHU_Ag_3731	HNEYVAQFK	60	AGAP005108-PA,AGAP005108-PB	Splice junction,Splice junction	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	Head	4	5
1402	JHU_Ag_37408	HNHNGFGAGNFK	62	AGAP004802-PA	Splice junction	2L:+:3747258-3747269,3747338-3747361	Head	2	3
1403	JHU_Ag_48709	HNIMDFAMPYIIQVTR	50	AGAP003021-PB	Splice junction	2R:+:31217371-31217409,31217513-31217521	Ovary	5	6
1404	JHU_Ag_8813	HPALQNEEALLALYHNFIASFETK	160	AGAP001651-PA	residue overlap splice site	2R:-:7310318-7310361,7309893-7310177	Ovary	2	3
1405	JHU_Ag_73951	HPASTLQILGAEK	36	AGAP002171-PA	Splice junction	2R:+:16836776-16836803,16836872-16836882	Pupa	5	6
1406	JHU_Ag_99543	HPGIVVVVDNTFLSSYLQRPLDLGADVVMYSLTK	146	AGAP011172-PA	Splice junction	3L:-:18228614-18228980,18228358-18228446	Ovary	3	4
1407	JHU_Ag_72048	HPGQLKDDVTSPAGSTAAGLSHLEQNAFR	183	AGAP005009-PA	Splice junction	2L:+:7899003-7899081,7899160-7899167	Remaining organs	3	4
1408	JHU_Ag_8720	HPNFMVVDK	52	AGAP002473-PA	residue overlap splice site	2R:-:21851475-21851449	Malpighian tubule	2	3
1409	JHU_Ag_88293	HQTPIVYEHELQR	67	AGAP006452-PA	Splice junction	2L:+:32278691-32278715,32278785-32278798	Pupa	5	6
1410	JHU_Ag_33671	HQTPIVYEHELQREEDVLEWLVENK	136	AGAP006452-PA	Splice junction	2L:+:32278691-32278715,32278785-32278834	Remaining organs	5	6
1411	JHU_Ag_85110	HRAPIIGIAVVDSNGVPLEFQNVPGPAPHR	80	AGAP004483-PA	Splice junction	2R:+:56814379-56814417,56814504-56814554	Malpighian tubule	3	4
1412	JHU_Ag_23081	HREYLGSYGEELHHQQGEPR	133	AGAP011938-PA	Splice junction	3L:-:35400974-35401028,35400651-35400678	Malpighian tubule	5	6
1413	JHU_Ag_100578	HRYMFLGYLHNPEATANALTEDGFFR	88	AGAP009159-PA	Splice junction	3R:-:27778279-27778795,27777760-27778121	Malpighian tubule	2	3
1414	JHU_Ag_86847	HSAASSVHR	43	AGAP005809-PA	Splice junction	2L:-:21622416-21622494,21622149-21622304	Head	1	2

1415	JHU_Ag_16511	HSAILSAPQSDEK	99	AGAP007698-PA,AGAP007698-PC	Splice junction,Splice junction	2L:-:49118141-49118285,49117948-49118020;2L:-:49118141-49118285,49117948-49118020	Head	2	3
1416	JHU_Ag_78665	HSASGETSTVPLLVK	56	AGAP002137-PA	Splice junction	2R:+:16392532-16392545,16392623-16392653	Malpighian tubule	1	2
1417	JHU_Ag_111849	HSCGGAILNTNTILTAAHCVDYPELVPSDFEVR	39	AGAP011477-PA	Splice junction	3L:-:25031890-25031972,25031485-25031710	Midgut	2	3
1418	JHU_Ag_706	HSIQTLIAPLLR	75	AGAP003402-PA	Splice junction	2R:-:37413385-37413556,37413014-37413265	Ovary	4	5
1419	JHU_Ag_3062	HSNFEILFGTVQVVAGTIHR	91	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	Splice junction,Splice junction,Splice junction	2R:-:28580707-28580818,28579921-28580568;2R:-:28580707-28580890,28579921-28580568;2R:-:28580707-28580818,28579921-28580568	Head	2	3
1420	JHU_Ag_65315	HSTNNPYSQFQDEYSLEQIQK	58	AGAP007921-PA	Splice junction	3R:-:2823803-2824301,2823498-2823669	Head	2	3
1421	JHU_Ag_11434	HSTSVTPVAR	38	AGAP009278-PA	Splice junction	3R:-:30575649-30575658,30575440-30575534	Malpighian tubule	1	2
1422	JHU_Ag_53600	HSTYDYFR	34	AGAP003264-PA	Splice junction	2R:+:34605247-34605249,34605325-34605345	Head	1	2
1423	JHU_Ag_42677	HTALLGEIAFHTYAGALNEPEEK	155	AGAP004852-PA,AGAP004852-PB	Splice junction,Splice junction	2L:-:4473421-4473543,4472709-4472997;2L:-:4473421-4473543,4472709-4472997	Ovary	2	3
1424	JHU_Ag_76088	HTALLGEIAFHTYAGALNEPEEKDK	143	AGAP004852-PA,AGAP004852-PB	Splice junction,Splice junction	2L:-:4473421-4473543,4472709-4472991;2L:-:4473421-4473543,4472709-4472991	Ovary	2	3
1425	JHU_Ag_68978	HTITGLAPSTQYR	57	AGAP003735-PA	Splice junction	2R:+:42734437-42734449,42734544-42734569	Head	6	7
1426	JHU_Ag_59028	HTSTLIFLHGLGDTGHGWATSMGALR	58	AGAP012126-PA	Splice junction	3L:-:37915659-37915698,37914315-37914669	Malpighian tubule	2	3
1427	JHU_Ag_12779	HTVQLVEIVK	41	AGAP003944-PA	Splice junction	2R:+:46670467-46670478,46670559-46670576	Head	3	4
1428	JHU_Ag_20285	HTVVDDSQAAYQDAFEISK	158	AGAP007643-PA	Splice junction	2L:-:48611957-48612077,48611352-48611463	Male reproductive organs	4	5
1429	JHU_Ag_22910	HTVVDDSQAAYQDAFEISKGK	52	AGAP007643-PA	Splice junction	2L:-:48611957-48612077,48611352-48611457	Head	4	5
1430	JHU_Ag_39209	HTVVEDSQK	54	AGAP007643-PC	Splice junction	2L:-:48611957-48612077,48610384-48610525	Head	4	5
1431	JHU_Ag_32235	HTVVEDSQKSYQEAFDIAK	92	AGAP007643-PC	Splice junction	2L:-:48611957-48612077,48610384-48610495	Malpighian tubule	4	5
1432	JHU_Ag_60577	HTVYNYDQLYNDFK	102	AGAP013511-PB	Splice junction	2R:+:36318501-36318532,36320519-36320528	Head	1	2
1433	JHU_Ag_30672	HTVYNYDQLYNDFKNEPAVGFFSIR	144	AGAP013511-PB	Splice junction	2R:+:36318501-36318532,36320519-36320561	Head	1	2
1434	JHU_Ag_30839	HVDIFQQFNDGSFEASQK	120	AGAP004334-PA	Splice junction	2R:-:54713521-54713599,54712520-54713387	Head	1	2
1435	JHU_Ag_41033	HVGQSPAEADLNLLETAR	38	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	Splice junction,Splice junction,Splice junction	2R:-:2497909-2498028,2497598-2497793;2R:-:2497909-2498028,2497598-2497793;2R:-:2497909-2498028,2497598-2497793	Midgut	3	4
1436	JHU_Ag_71780	HVIEQLGGK	55	AGAP009486-PA	Splice junction	3R:+:34696234-34696235,34696305-34696329	Head	5	6
1437	JHU_Ag_45306	HVIVCDNGTGFVK	57	AGAP000985-PA	Splice junction	X:+:18919027-18919056,18919170-18919178	Malpighian tubule	1	2
1438	JHU_Ag_477	HVMNLEAVNTYEGTHDIHALILGR	156	AGAP008501-PA	Splice junction	3R:-:11344191-11344315,11344022-11344052	Midgut	2	3
1439	JHU_Ag_13413	HVVAEPVAYPK	60	AGAP006283-PB	Splice junction	2L:-:29535110-29535230,29534707-29534968	Malpighian tubule	2	3
1440	JHU_Ag_16865	HWVRPQFLQYNYMYDYR	89	AGAP007249-PB,AGAP007249-PA	Splice junction,Splice junction	2L:-:44640566-44640674,44639860-44639973;2L:-:44640566-44640674,44639860-44639973	Head	1	2
1441	JHU_Ag_88278	HYDEYGDIIK	62	AGAP006998-PA	Splice junction	2L:+:40545239-40545268	Head	3	4
1442	JHU_Ag_8561	HYFQNTQGLIFVVDSNDR	134	AGAP012014-PA	Splice junction	3L:+:36310410-36310430,36310533-36310565;2R:+:29824286-29824339	Midgut	2	3
1443	JHU_Ag_12459	HYFQNTQGLIFVVDSNDRER	44	AGAP012014-PA	Splice junction	3L:+:36310410-36310430,36310533-36310571;2R:+:29824286-29824345	Remaining organs	2	3
1444	JHU_Ag_4945	HYIQLHPEDFPTPER	107	AGAP002889-PA	Splice junction	2R:-:28938394-28938498,28938212-28938257	Malpighian tubule	2	3
1445	JHU_Ag_5185	HYIQLHPEDFPTPERK	33	AGAP002889-PA	Splice junction	2R:-:28938394-28938498,28938212-28938254	Head	2	3
1446	JHU_Ag_8338	IAAEVAAPLAK	83	AGAP003789-PA	Splice junction	UNKN:+:14535922-14535954;2R:+:43323826-43323858;2R:+:43323826-43323858	Ovary	5	6
1447	JHU_Ag_109358	IAAYLYKGNNR	67	AGAP003021-PB	Splice junction	2R:+:31216954-31216975,31217060-31217070	Malpighian tubule	3	4
1448	JHU_Ag_27051	IADEAFQNLPELEK	116	AGAP000019-PA	Splice junction	X:+:286289-286309,286383-286403	Head	3	4
1449	JHU_Ag_49533	IADFGMCK	43	AGAP012252-PA	Splice junction	3L:+:39390299-39390322;X:-:7446720-7446697	Head	11	12

1450	JHU_Ag_22452	IADGSNGDISSDSYNNWR	104	AGAP006426-PA	Splice junction	2L:-:31723436-31723611,31722743-31723310	Pupa	2	3
1451	JHU_Ag_62009	IADLALLR	56	AGAP002647-PA	Splice junction	2R:+:24968736-24968753,24972473-24972478	Remaining organs	7	8
1452	JHU_Ag_98276	IAECYDFPMDEILFCTLNSHK	29	AGAP007674-PB	Splice junction	2L:-:48923463-48923730,48916623-48916824	Midgut	1	2
1453	JHU_Ag_42205	IAESIDGGYVVAPGGNR	83	AGAP004977-PA	Splice junction	2L:-:7453800-7453866,7453045-7453658	Pupa	3	4
1454	JHU_Ag_2579	IAESIDGGYVVGPGGNR	46	AGAP004975-PA	Splice junction	2L:-:7442976-7443042,7442253-7442866	Malpighian tubule	3	4
1455	JHU_Ag_23324	IAESIDGGYVVGPGGNRIPLDER	122	AGAP004975-PA	Splice junction	2L:-:7442976-7443042,7442253-7442848	Malpighian tubule	3	4
1456	JHU_Ag_7177	IAFNEFLGGLEK	32	AGAP009798-PA	Splice junction	3R:-:43568541-43568778,43568351-43568415	Head	4	5
1457	JHU_Ag_4531	IAGDVVNR	51	AGAP005108-PA	Splice junction	2L:+:10198732-10198753,10199316-10199317	Midgut	1	2
1458	JHU_Ag_5384	IAGFVTHLMK	53	AGAP004887-PA	Splice junction	2L:-:4970526-4970670,4970167-4970386	Head	2	3
1459	JHU_Ag_37187	IAGFVTHLMKR	51	AGAP004887-PA	Splice junction	2L:-:4970526-4970670,4970167-4970383	Male reproductive organs	2	3
1460	JHU_Ag_90444	IAHASGAER	49	AGAP009322-PA	Splice junction	3R:+:31265665-31265683,31265806-31265813	Male reproductive organs	1	2
1461	JHU_Ag_1829	IAIANAQELVTK	77	AGAP002277-PA	Splice junction	2R:+:18513555-18513587,18513671-18513673	Malpighian tubule	1	2
1462	JHU_Ag_77561	IAIANAQELVTKMTEK	40	AGAP002277-PA	Splice junction	2R:+:18513555-18513587,18513671-18513685	Malpighian tubule	1	2
1463	JHU_Ag_83855	IAIFCESGNELKNEDAEPVR	109	AGAP006063-PA	Splice junction	2L:+:25973008-25973042,25973657-25973681	Salivary gland	4	5
1464	JHU_Ag_15293	IALVSVSDK	37	AGAP001423-PA	Splice junction	2R:-:4748084-4748099,4746244-4747975	Ovary	1	2
1465	JHU_Ag_12465	IALVSVSDKSGLVEFAK	112	AGAP001423-PA	Splice junction	2R:-:4748084-4748099,4746244-4747951	Ovary	1	2
1466	JHU_Ag_23200	IAQIESEMAR	56	AGAP010624-PA	Splice junction	3L:-:7364562-7364583,7363565-7364392	Ovary	1	2
1467	JHU_Ag_20812	IAREEGVLSLWR	67	AGAP012097-PA	Splice junction	3L:+:37636649-37636664,37636742-37636761	Salivary gland	2	3
1468	JHU_Ag_42950	IASGEGCEACDCDPVGALSEQCNPYDGQCSCKPGFGGR	23	AGAP001381-PA	Splice junction	2R:-:4055774-4056667,4055528-4055583	Ovary	7	8
1469	JHU_Ag_79222	IATATSSTSLYDNVGANNTQGNTINSQEAGHR	172	AGAP006590-PD,AGAP006590-PB	Splice junction,Splice junction	2L:-:34386927-34386992,34386400-34386652;2L:-:34386927-34386992,34386400-34386652	Head	7	8
1470	JHU_Ag_13915	ICDFAFFPGITK	45	AGAP003408-PA	Splice junction	2R:+:37453179-37453204,37453285-37453294	Pupa	6	7
1471	JHU_Ag_74876	ICDFGLAR	63	AGAP005898-PA	Splice junction	2L:+:16053540-16053563;3R:-:18184556-18184533;2L:+:23423593-23423616;2L:-:33213086-33213063;3R:-:28699678-28699655	Remaining organs	4	5
1472	JHU_Ag_28050	ICDKLEQER	38	AGAP007642-PA	Splice junction	2L:-:48598720-48598808,48595371-48595554	Head	3	4
1473	JHU_Ag_93728	ICEELFDHCLAPHTR	81	AGAP006171-PA	Splice junction	2L:+:27649959-27649970,27650056-27650088	Ovary	7	8
1474	JHU_Ag_89166	ICFGGINPEFTHATATESFLVGK	55	AGAP006220-PA	Splice junction	2L:+:28515301-28515327,28515400-28515441	Head	6	7
1475	JHU_Ag_53207	ICGASCVVLK	58	AGAP011077-PA	residue overlap splice site	3L:+:16306765-16306794	Head	2	3
1476	JHU_Ag_14426	ICGDIHGQYTDLLR	78	AGAP003114-PA	Splice junction	2R:+:32549320-32549326,32549435-32549469	Head	2	3
1477	JHU_Ag_625	ICGDIHGQYYDLLR	92	AGAP011166-PA	Splice junction	3L:+:18192679-18192685,18194361-18194395	Ovary	2	3
1478	JHU_Ag_1648	ICHVDNPSQLFIQLESDLR	86	AGAP008268-PA	Splice junction	3R:+:8105547-8105585,8105663-8105680	Midgut	6	7
1479	JHU_Ag_3406	ICWADFTTPEAK	62	AGAP007753-PB,AGAP007753-PA	Splice junction,Splice junction	3R:-:268552-268868,268045-268444;3R:-:268552-268868,268045-268444	Malpighian tubule	3	4
1480	JHU_Ag_2312	IDAGGVEIQEYFENCIR	47	AGAP005515-PA	Splice junction	2L:-:16541132-16541271,16540928-16540996	Pupa	7	8
1481	JHU_Ag_8712	IDATDALKYPGVVAFYSAK	121	AGAP006220-PA	Splice junction	2L:+:28515841-28515861,28515929-28515964	Midgut	7	8
1482	JHU_Ag_94306	IDCFGIGTHLVTCQR	105	AGAP008516-PA	Splice junction	3R:-:11699434-11699669,11698921-11699317	Malpighian tubule	7	8
1483	JHU_Ag_104918	IDDDNEAKEWGIEELPTMILFER	65	AGAP006452-PA,AGAP006452-PB	Splice junction,Splice junction	2L:+:32280181-32280234,32280303-32280317;2L:+:32280181-32280234,32280303-32280317	Remaining organs	9	10
1484	JHU_Ag_3412	IDFLGEGQFATVYK	90	AGAP002646-PA	Splice junction	2R:+:24959838-24959861,24959946-24959963	Ovary	1	2
1485	JHU_Ag_15998	IDHNGEYICEAVGYPK	116	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	Malpighian tubule	24	25
1486	JHU_Ag_30053	IDLEEIDKETEEAQK	101	AGAP001381-PA	Splice junction	2R:-:4053867-4053994,4053591-4053750	Ovary	11	12
1487	JHU_Ag_5708	IDPALDLDDDQGPELPTK	120	AGAP011996-PA	Splice junction	3L:+:36028401-36028425,36028506-36028534	Larva	2	3
1488	JHU_Ag_22584	IDPAVEEQFNAGRLLACISSRPGQVGR	53	AGAP002437-PA	Splice junction	2R:-:21382702-21383056,21382212-21382287	Malpighian tubule	3	4
1489	JHU_Ag_22075	IDRTNLNPVTIK	38	AGAP001633-PA	Splice junction	2R:-:7169415-7169380	Malpighian tubule	17	18

1490	JHU_Ag_8394	IDSVTAQNVR	95	AGAP000935-PA	Splice junction	X:+:17670902-17670907,17671028-17671051	Remaining organs	2	3
1491	JHU_Ag_107697	IDTNLYLYSDDIQERPHVTTLISSLANYSNTIAPAPTDPDAKPAPAAAR	85	AGAP011500-PA	Splice junction	3L:-:25551353-25551359,25550360-25550364	Head	1	2
1492	JHU_Ag_73285	IDVDHDRSASEMGTVTISGDPESVEAAR	63	AGAP004351-PA	Splice junction	2R:+:54943568-54943577,54943647-54943720	Malpighian tubule	1	2
1493	JHU_Ag_65465	IDYVVR	39	AGAP001064-PA	Splice junction	X:-:22319042-22319207,22318852-22318967	Salivary gland	1	2
1494	JHU_Ag_117585	IEAEGIAIGTKPDPSYPWFEDETSSPGLR	152	AGAP008644-PA	Splice junction	3R:-:13877514-13877658,13877216-13877347	Head	1	2
1495	JHU_Ag_28752	IEARPYMLVAGNTATGVYR	79	AGAP006226-PA	Splice junction	2L:+:28542006-28542051,28542109-28542119	Malpighian tubule	3	4
1496	JHU_Ag_115982	IEDADLDNLTWHEVQK	70	AGAP001762-PA	Splice junction	2R:+:9488989-9488997,9489062-9489100	Midgut	3	4
1497	JHU_Ag_97013	IEDDILSENSHLDDLYTR	119	AGAP010436-PA	Splice junction	3L:-:3361844-3361913,3347141-3347240	Midgut	1	2
1498	JHU_Ag_106794	IEDGYK	36	AGAP008046-PA	Splice junction	3R:+:4839708-4839724,4839799-4839799	Remaining organs	1	2
1499	JHU_Ag_80787	IEDLPVYAEAYDLHTNFCYLK	38	AGAP004747-PA	Splice junction	2L:-:3035783-3036059,3034955-3035623	Malpighian tubule	2	3
1500	JHU_Ag_40660	IEEIEPEMGEPSTEK	66	AGAP002171-PA	Splice junction	2R:+:16837291-16837296,16837388-16837426	Ovary	6	7
1501	JHU_Ag_90575	IEETPAPGAYQPEK	65	AGAP008318-PA	Splice junction	3R:+:8959667-8959682,8959759-8959784	Head	4	5
1502	JHU_Ag_69089	IEGHIVGFDEYMNLVLDEAEEFNIK	143	AGAP010440-PA	Splice junction	3L:-:3624014-3624134,3623756-3623834	Ovary	1	2
1503	JHU_Ag_69102	IEGHIVGFDEYMNLVLDEAEEFNIKK	103	AGAP010440-PA	Splice junction	3L:-:3624014-3624134,3623756-3623831	Ovary	1	2
1504	JHU_Ag_14717	IEIPEDTPYGIFAR	86	AGAP003012-PA	Splice junction	2R:+:31151673-31151691,31151790-31151812	Pupa	4	5
1505	JHU_Ag_3013	IEMAVLTR	54	AGAP004960-PA	Splice junction	2L:-:7196219-7196342,7195996-7196122	Ovary	4	5
1506	JHU_Ag_13238	IENELGEAVSK	74	AGAP011700-PA	Splice junction	3L:+:31628461-31628466,31628542-31628568	Malpighian tubule	2	3
1507	JHU_Ag_2961	IENTSLYYDAWHDLTNSHGIIVPGGFGSR	36	AGAP009624-PA	Splice junction	3R:-:37159898-37160602,37159622-37159745	Head	3	4
1508	JHU_Ag_7458	IEQISPFPYDLVK	95	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	Head	7	8
1509	JHU_Ag_6422	IEQISPFPYDLVKAECAK	35	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:30521118-30521254,30520881-30520991;2L:-:30521118-30521254,30520881-30520991;2L:-:30521118-30521254,30520881-30520991;2L:-:30521118-30521254,30520881-30520991	Malpighian tubule	7	8
1510	JHU_Ag_30939	IESGFPDKNDSAK	42	AGAP003484-PB,AGAP003484-PA	Splice junction,Splice junction	2R:-:38559075-38559123,38552824-38552950;2R:-:38559075-38559123,38552824-38552950	Malpighian tubule	1	2
1511	JHU_Ag_86654	IEVFVDDQPVMVDPGTTVLQAAAQVGVEIPR	77	AGAP001653-PA	Splice junction	2R:+:7320433-7320492,7320572-7320604	Malpighian tubule	1	2
1512	JHU_Ag_13222	IFAVANVPIEWETVDVTPVRNPDGK	54	AGAP002728-PB,AGAP002728-PA	Splice junction,Splice junction	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	Pupa	3	4
1513	JHU_Ag_16536	IFDDMNFYITPDR	45	AGAP000891-PA	Splice junction	X:+:16768587-16768606,16768842-16768860	Salivary gland	1	2
1514	JHU_Ag_48658	IFEAIDNGFAQSSSNQR	104	AGAP004981-PA	Splice junction	2L:-:7504854-7504920,7504458-7504737	Pupa	2	3
1515	JHU_Ag_50077	IFIGGLPNYLNEDQVK	69	AGAP002908-PA	Splice junction	2R:+:29155414-29155455,29157867-29157872	Ovary	3	4
1516	JHU_Ag_99591	IFIGGLPNYLNEDQVKELLLSFGQLK	85	AGAP002908-PA	Splice junction	2R:+:29155414-29155455,29157867-29157902	Ovary	3	4
1517	JHU_Ag_101111	IFMDGGEYSGR	68	AGAP000574-PA	Splice junction	X:-:10112012-10112111,10111691-10111883	Male reproductive organs	1	2
1518	JHU_Ag_2005	IFNPTYPDLNHLISVTMSGVTTCLR	110	AGAP005293-PA	Splice junction	2L:+:13795423-13795464,13795677-13795709	Salivary gland	5	6
1519	JHU_Ag_19708	IFQLSNVPGACHGDDTLYMFNPGFLPK	102	AGAP005757-PA	Splice junction	2L:+:20293206-20293267,20293358-20293376	Midgut	4	5
1520	JHU_Ag_20864	IFTPELYDQIDTNK	34	AGAP004071-PB	Splice junction	2R:+:49485903-49485929,49490323-49490337	Midgut	1	2
1521	JHU_Ag_92355	IFVANLDYK	34	AGAP001460-PA	Splice junction	2R:+:5288520-5288534,5289678-5289689	Ovary	2	3
1522	JHU_Ag_69652	IFVFEMIEMEEEQVPVTPLHYYDNK	119	AGAP009730-PA	Splice junction	3R:-:41857576-41857700,41856473-41857434	Head	7	8
1523	JHU_Ag_1825	IFVGGLTSEISDEEIKTFFGQFGNIVEVEMPFDK	250	AGAP000399-PB,AGAP000399-PA	Splice junction,Splice junction	X:-:7261939-7262142,7261306-7261541;X:-:7261939-7262142,7261306-7261541	Ovary	3	4
1524	JHU_Ag_75014	IGAAVLGSEASYCR	50	AGAP005992-PA	Splice junction	2L:-:24570917-24571414,24570504-24570807	Male reproductive organs	5	6
1525	JHU_Ag_24831	IGADGLAFWYTAEK	92	AGAP005404-PA	Splice junction	2L:-:15149244-15149381,15148966-15149115	Pupa	2	3
1526	JHU_Ag_97348	IGAFGFLSLDSK	78	AGAP006227-PA	Splice junction	2L:-:28547058-28547196,28546584-28546953	Malpighian tubule	3	4

1527	JHU_Ag_73418	IGAVHSIVFAGFSSDSLAER	118	AGAP006569-PA	Splice junction	2L:+:34163720-34163743,34163836-34163871	Head	2	3
1528	JHU_Ag_3172	IGCDQLSNEKAAQEK	114	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49477384-49477413,49478012-49478026;3R:+:49477384-49477413,49478012-49478026;3R:+:49477384-49477413,49478012-49478026;3R:+:49477384-49477413,49478012-49478026;3R:+:49477384-49477413,49478012-49478026;3R:+:49477384-49477413,49478012-49478026;3R:+:49477384-49477413,49478012-49478026;3R:+:49477384-49477413,49478012-49478026	Malpighian tubule	13	14
1529	JHU_Ag_93744	IGDADGTGNCEDPEDVPGCEDYYGDQDIK	84	AGAP003308-PA	Splice junction	2R:+:35626603-35626658,35628995-35629025	Head	4	5
1530	JHU_Ag_47760	IGDIEVKDLMVGDEASQLR	90	AGAP000985-PA	Splice junction	X:+:18919260-18919280,18923189-18923224	Malpighian tubule	2	3
1531	JHU_Ag_94933	IGDLGQLLR	35	AGAP008304-PA	Splice junction	3R:+:8782568-8782571,8793107-8793129	Male reproductive organs	5	6
1532	JHU_Ag_76329	IGDQFTIFSGGLPTEK	72	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	Splice junction,Splice junction,Splice junction	X:-:109424-109495,109181-109299;X:-:109424-109495,109181-109299;X:-:109424-109495,109181-109299	Head	7	8
1533	JHU_Ag_88279	IGEHEAEYKEILDAVK	47	AGAP009645-PA	Splice junction	3R:-:37513958-37514030,37513677-37513800	Ovary	1	2
1534	JHU_Ag_86596	IGENLISLREMATQNNAHVTDGVLNGCQMK	64	AGAP006513-PA	Splice junction	2L:-:33299921-33300067,33297395-33297980	Malpighian tubule	13	14
1535	JHU_Ag_45720	IGEPFSVILTVK	40	AGAP009100-PA	Splice junction	3R:+:25598939-25598959,25599017-25599031	Remaining organs	3	4
1536	JHU_Ag_69150	IGEPVKEHDEQR	50	AGAP007491-PA	Splice junction	2L:+:46900176-46900179,46901693-46901724	Pupa	1	2
1537	JHU_Ag_10055	IGFLFDHPELNLPR	55	AGAP010681-PA	Splice junction	3L:-:8347032-8347245,8346830-8346926	Pupa	3	4
1538	JHU_Ag_6732	IGLDEVANTIR	107	AGAP008604-PA	Splice junction	3R:-:13509830-13510012,13509639-13509723	Pupa	3	4
1539	JHU_Ag_11021	IGLDEVANTIRDLATGR	123	AGAP008604-PA	Splice junction	3R:-:13509830-13510012,13509639-13509705	Malpighian tubule	3	4
1540	JHU_Ag_13869	IGLIVGTGSNACYVER	102	AGAP011208-PA	Splice junction	3L:-:19387556-19387640,19386632-19386802	Midgut	2	3
1541	JHU_Ag_54323	IGLSLALEKGHYSETDLK	36	AGAP012461-PA	Splice junction	UNKN:+:4152092-4152107,4159289-4159326	Larva	6	7
1542	JHU_Ag_117739	IGNRYIELFR	43	AGAP002892-PA	Splice junction	2R:-:28975794-28975928,28974183-28974307	Malpighian tubule	2	3
1543	JHU_Ag_21204	IGPLGLSPK	63	AGAP010065-PA	Splice junction	3R:-:48535502-48535558,48535221-48535393	Malpighian tubule	2	3
1544	JHU_Ag_14348	IGPLGLSPKK	66	AGAP010065-PA	Splice junction	3R:-:48535502-48535558,48535221-48535390	Malpighian tubule	2	3
1545	JHU_Ag_30040	IGQLGLGVAVIGGVVNSALYNVDGGHR	54	AGAP009323-PA	Splice junction	3R:+:31267282-31267345,31267426-31267442	Remaining organs	1	2
1546	JHU_Ag_3141	IGRPAQLCLIR	51	AGAP010823-PA	Splice junction	3L:+:11443826-11443851,11443927-11443933	Salivary gland	1	2
1547	JHU_Ag_58363	IGRPHTVPCKVSGK	46	AGAP003768-PB	Splice junction	2R:-:43125241-43125724,43124620-43124920	Malpighian tubule	1	2
1548	JHU_Ag_23890	IGTIITR	33	AGAP002893-PA	Splice junction	2R:-:28978508-28978532,28978272-28978433	Malpighian tubule	1	2
1549	JHU_Ag_111549	IGVTYHSQLQYEIAR	33	AGAP003757-PA	Splice junction	2R:+:43090045-43090074,43090163-43090177	Malpighian tubule	1	2
1550	JHU_Ag_105343	IHADDEKLFAAHILDIFSK	139	AGAP013255-PA,AGAP012745-PA	Splice junction,Splice junction	2R:+:42092031-42092060,42092143-42092169;UNKN:-:26433633-26434728,26433331-26433495	Midgut	2	3
1551	JHU_Ag_8400	IHTGDQPFPCIACGEGFR	78	AGAP011566-PA	Splice junction	3L:-:27873708-27873655	Malpighian tubule	8	9
1552	JHU_Ag_100103	IHTGETPYACTYCDK	31	AGAP009566-PA	Splice junction	3R:+:36312365-36312409	Head	5	6
1553	JHU_Ag_75137	IHVEDGEVR	48	AGAP008768-PA	Splice junction	3R:+:17364476-17364488,17364562-17364575	Head	2	3
1554	JHU_Ag_70599	IIAPAVLSSNLCVTQQKELDELMLK	98	AGAP007827-PA,AGAP007827-PB	Splice junction,Splice junction	3R:+:1485521-1485574,1485720-1485740;3R:+:1485521-1485574,1485720-1485740	Ovary	1	2
1555	JHU_Ag_4631	IIDTDQASLGISR	92	AGAP001791-PA	Splice junction	2R:+:10514726-10514734,10514820-10514849	Head	4	5
1556	JHU_Ag_21268	IIEDKTFGLK	52	AGAP008634-PA	Splice junction	3R:-:13791448-13791508,13790866-13791289	Malpighian tubule	1	2
1557	JHU_Ag_94553	IIEDSDYVAVLFCTDHENCPPGNNNKPECK	102	AGAP006452-PA	Splice junction	2L:+:32273832-32273868,32278533-32278549	Remaining organs	4	5
1558	JHU_Ag_92356	IIETK	34	AGAP010298-PA	Splice junction	3R:+:52656126-52656134,52656210-52656215	Malpighian tubule	2	3
1559	JHU_Ag_56411	IIFDESDPR	61	AGAP012168-PA	Splice junction	3L:-:38265167-38265338,38264968-38265061	Male reproductive organs	1	2
1560	JHU_Ag_15190	IIFDESDPRK	40	AGAP012168-PA	Splice junction	3L:-:38265167-38265338,38264968-38265058	Midgut	1	2
1561	JHU_Ag_90991	IIFLLHTIDPR	39	AGAP004585-PA	Splice junction	2R:+:57989784-57989815,57992973-57992973	Ovary	1	2
1562	JHU_Ag_553	IIGAGVNYK	45	AGAP001942-PA	Splice junction	2R:-:12683672-12683711,12682524-12683145	Midgut	1	2

1563	JHU_Ag_67444	IIGAGVNYKEILR	66	AGAP001942-PA	Splice junction	2R:-:12683672-12683711,12682524-12683133	Malpighian tubule	1	2
1564	JHU_Ag_34305	IIGDVSMATFSTPVPPPVK	93	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31191984-31192071,31191756-31191843;2R:-:31191984-31192071,31191756-31191843	Salivary gland	11	12
1565	JHU_Ag_51627	IIGDVSMATFSTPVPPPVKNDWLSSGLDNPR	56	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31191984-31192071,31191756-31191807;2R:-:31191984-31192071,31191756-31191807	Malpighian tubule	11	12
1566	JHU_Ag_92992	IIGGTVTER	51	AGAP007612-PA	Splice junction	2L:-:48256600-48256845,48256162-48256500	Midgut	5	6
1567	JHU_Ag_9485	IIGYGELVAALQR	90	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:26041771-26041777,26041862-26041893;2R:+:26041771-26041777,26041862-26041893;2R:+:26041771-26041777,26041862-26041893;2R:+:26041771-26041777,26041862-26041893;2R:+:26041771-26041777,26041862-26041893	Head	2	3
1568	JHU_Ag_87900	IIHRDLK	31	AGAP012064-PA	Splice junction	3L:-:37228975-37229185,37228579-37228851;2L:+:32461421-32461441	Male reproductive organs	5	6
1569	JHU_Ag_51086	IIKLPLDLSLLSEAER	40	AGAP004113-PA	Splice junction	2R:-:50162621-50162807,50162402-50162510	Malpighian tubule	1	2
1570	JHU_Ag_37986	IINTLQYQPKPDTFVK	88	AGAP005742-PA,AGAP005742-PB	Splice junction,Splice junction	2L:-:20070516-20071538,20069309-20069464;2L:-:20070516-20071538,20069309-20069464	Male reproductive organs	3	4
1571	JHU_Ag_37683	IIQSESHGVVLILDGIIQCTER	58	AGAP011126-PA	Splice junction	3L:+:17430039-17430049,17430165-17430219	Ovary	1	2
1572	JHU_Ag_5926	IISAASEGGANVFTVSYFK	87	AGAP005576-PA	residue overlap splice site	2L:+:17347428-17347484	Ovary	2	3
1573	JHU_Ag_7289	IISAASEGGANVFTVSYFKDSAYLAQSPQLYK	43	AGAP005576-PA	Splice junction	2L:+:17347428-17347485,17347570-17347607	Ovary	2	3
1574	JHU_Ag_10878	IISMQEGADVAQVYQR	153	AGAP002033-PA	Splice junction	2R:+:14101613-14101643,14101730-14101746	Male reproductive organs	2	3
1575	JHU_Ag_1942	IISSIEQKEENK	47	AGAP001151-PA	residue overlap splice site	2R:-:618529-618494	Salivary gland	2	3
1576	JHU_Ag_10950	IITEENFWR	54	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	Splice junction,Splice junction,Splice junction	2R:-:53548758-53548896,53548553-53548656;2R:-:53548758-53548896,53548553-53548656;2R:-:53548758-53548896,53548553-53548656;2R:-:53548758-53548896,53548553-53548656	Male reproductive organs	7	8
1577	JHU_Ag_17261	IITSGGVTYK	50	AGAP005400-PA	Splice junction	2L:+:15073793-15073822;2L:+:15073793-15073822	Head	4	5
1578	JHU_Ag_53874	IITSGGVTYKNEPWHR	44	AGAP005400-PA	Splice junction	2L:+:15073793-15073840;2L:+:15073793-15073840	Male reproductive organs	4	5
1579	JHU_Ag_83042	IIYAGDDMTDEDAMMALK	111	AGAP008227-PA	Splice junction	3R:-:7168269-7168518,7167891-7168149	Head	4	5
1580	JHU_Ag_44294	IIYSHFTCATDTENIR	108	AGAP005079-PI,AGAP005079-PF	Splice junction,Splice junction	2L:+:9745491-9745521,9746446-9746462;2L:+:9745491-9745521,9746446-9746462	Male reproductive organs	7	8
1581	JHU_Ag_85631	IKEEILSLSADR	92	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	Splice junction,Splice junction,Splice junction,Splice junction	2R:-:53549011-53549119,53548757-53548891;2R:-:53549011-53549119,53548757-53548891;2R:-:53549011-53549119,53548757-53548891;2R:-:53549011-53549119,53548757-53548891	Head	6	7
1582	JHU_Ag_74541	IKEEPAPAQK	53	AGAP001633-PA	Splice junction	2R:-:7177929-7179086,7177725-7177824	Malpighian tubule	7	8
1583	JHU_Ag_20985	IKEEPIDDYPDYSAQYSQYQSQVK	97	AGAP006755-PA	Splice junction	2L:+:37879120-37879141,37879441-37879490	Remaining organs	5	6
1584	JHU_Ag_80207	IKELIITAGGENIPPVHVENLVK	57	AGAP008596-PA	Splice junction	3R:-:13469783-13470228,13469369-13469639	Remaining organs	5	6
1585	JHU_Ag_10675	IKEVQEIQEEGK	67	AGAP002356-PA	Splice junction	2R:-:20594660-20594768,20593923-20594259	Head	1	2
1586	JHU_Ag_4566	IKIWETYGVK	35	AGAP001899-PA	Splice junction	2R:-:11957763-11958108,11955910-11957647	Pupa	4	5

1587	JHU_Ag_2002	IKPANLQIENHIYLQQTGLVK	104	AGAP012641-PA,AGAP003408-PA	Splice junction,Splice junction	UNKN:-:21981623-21981719,21981366-21981440;2R:+:37452610-37452630,37452752-37452793	Ovary	4	5
1588	JHU_Ag_10127	IKPHNGTDDAEEESVVPK	46	AGAP003218-PA	Splice junction	2R:-:34005276-34005420,34004455-34005151	Malpighian tubule	1	2
1589	JHU_Ag_55598	IKPIAPTR	36	AGAP004886-PB,AGAP004886-PA	Splice junction,Splice junction	2L:-:4959231-4959468,4956778-4956975;2L:-:4959231-4959468,4956778-4956975	Male reproductive organs	2	3
1590	JHU_Ag_117579	IKPKPIDVSVISHHMQR	137	AGAP005110-PA	Splice junction	2L:+:10205726-10205731,10205824-10205868	Malpighian tubule	4	5
1591	JHU_Ag_34743	IKVANTLESR	63	AGAP002401-PA	Splice junction	2R:+:20957353-20957358,20957433-20957456	Pupa	3	4
1592	JHU_Ag_11900	IKVTSVSPGAVK	69	AGAP005645-PA	Splice junction	2L:-:18215808-18216360,18215558-18215708	Malpighian tubule	1	2
1593	JHU_Ag_36021	ILAAGLVTADELK	49	AGAP003030-PA	residue overlap splice site	2R:-:31252665-31252627	Salivary gland	5	6
1594	JHU_Ag_15417	ILASDRPYILPDELR	71	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Splice junction,Splice junction,Splice junction	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	Larva	10	11
1595	JHU_Ag_4572	ILASDRPYILPDELRR	46	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Splice junction,Splice junction,Splice junction	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	Male reproductive organs	10	11
1596	JHU_Ag_42865	ILASK	36	AGAP001583-PA	residue overlap splice site	2R:+:6471665-6471678,6471780-6471780;X:-:3489598-3489584	Midgut	3	4
1597	JHU_Ag_25251	ILCDMETLLK	44	AGAP004151-PA	Splice junction	2R:-:50758602-50758573	Malpighian tubule	3	4
1598	JHU_Ag_72455	ILDDLENIDDELDEAGIIFVTTEDMVTAK	105	AGAP006452-PA,AGAP006452-PB	residue overlap splice site,Splice junction	2L:+:32280900-32280975,32281050-32281060;2L:+:32280900-32280975,32281050-32281060	Remaining organs	11	12
1599	JHU_Ag_9549	ILDHSFRDDNISSEGFSK	68	AGAP012068-PA	Splice junction	3L:-:37351643-37351760,37347156-37347454	Salivary gland	3	4
1600	JHU_Ag_9940	ILDQSNGDIAADSYHLYK	151	AGAP006424-PA	Splice junction	2L:-:31718231-31718391,31717549-31718116	Larva	2	3
1601	JHU_Ag_85885	ILDYLEENYPK	78	AGAP006132-PA	residue overlap splice site	2L:-:27045528-27045496	Malpighian tubule	1	2
1602	JHU_Ag_684	ILEEMIEEVDEDK	94	AGAP007339-PA	Splice junction	2L:-:45706940-45707047,45706562-45706812	Ovary	3	4
1603	JHU_Ag_38956	ILEENDELKK	81	AGAP011938-PA	residue overlap splice site	3L:-:35406324-35406295	Head	1	2
1604	JHU_Ag_99904	ILEKLQSLTFQNITR	104	AGAP000498-PA	Splice junction	X:+:8762906-8762923,8763019-8763045	Malpighian tubule	2	3
1605	JHU_Ag_74825	ILEVNHVNVEGATHK	44	AGAP001110-PA	Splice junction	2R:+:288709-288719,291270-291303	Head	1	2
1606	JHU_Ag_41501	ILEVTNPMLIDLIR	43	AGAP010451-PA	Splice junction	3L:-:3863006-3863336,3862600-3862874	Ovary	1	2
1607	JHU_Ag_25918	ILEVTNPMLIDLIRR	58	AGAP010451-PA	Splice junction	3L:-:3863006-3863336,3862600-3862871	Malpighian tubule	1	2
1608	JHU_Ag_52644	ILGCNPSPMTLQGTNTYLIGSGK	114	AGAP004236-PA	residue overlap splice site	2R:+:52956962-52957030	Midgut	1	2
1609	JHU_Ag_116602	ILGDCPNTYAYTK	39	AGAP005515-PA	Splice junction	2L:-:16541972-16541934	Pupa	4	5
1610	JHU_Ag_21023	ILIQTNQLTGEPELYYLR	71	AGAP005209-PA	Splice junction	2L:-:12354236-12354593,12354021-12354088	Midgut	5	6
1611	JHU_Ag_26566	ILITGGLGQLGVECAK	129	AGAP011948-PA	Splice junction	3L:+:35499911-35499923,35501684-35501718	Salivary gland	1	2
1612	JHU_Ag_98723	ILIVQAYAYGK	102	AGAP011971-PA	Splice junction	3L:+:35699574-35699606	Salivary gland	4	5
1613	JHU_Ag_116305	ILIVQAYAYGKYVGR	32	AGAP011971-PA	Splice junction	3L:+:35699574-35699618	Salivary gland	4	5
1614	JHU_Ag_23220	ILIWDLVTGNCR	79	AGAP007763-PA	Splice junction	3R:-:483264-483577,483006-483159	Head	2	3
1615	JHU_Ag_36052	ILKDANIDPK	39	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	UNKN:+:25041138-25041167;2R:+:44672324-44672353;2R:+:44672324-44672353	Malpighian tubule	9	10
1616	JHU_Ag_108731	ILKEDAATFSSLR	74	AGAP010206-PA	Splice junction	3R:-:50702775-50703226,50702484-50702651	Salivary gland	8	9
1617	JHU_Ag_57907	ILLENILPAHVAQHFLK	53	AGAP010436-PA	Splice junction	3L:-:3339527-3339477	Head	13	14
1618	JHU_Ag_70893	ILLLGLDNAGK	48	AGAP005267-PA	Splice junction	2L:+:13494148-13494158,13494232-13494253;2R:+:57072276-57072308	Malpighian tubule	1	2
1619	JHU_Ag_19378	ILLLSQHHAEDGTTK	49	AGAP008854-PA	residue overlap splice site	3R:-:19484041-19483997	Head	2	3

1620	JHU_Ag_54878	ILLNKADQVKPEELLR	65	AGAP002456-PA	Splice junction	2R:-:21565874-21565827;2R:-:21565874-21565827	Malpighian tubule	9	10
1621	JHU_Ag_110291	ILLPSNMLHAPTPVLR	42	AGAP012175-PA	Splice junction	3L:-:38330682-38332100,38330403-38330566	Head	2	3
1622	JHU_Ag_79383	ILMAMPGMVFTPVLMNTLEK	79	AGAP004519-PA,AGAP004519-PB	Splice junction,Splice junction	2R:+:57329115-57329139,57329211-57329245;2R:+:57329115-57329139,57329211-57329245	Midgut	4	5
1623	JHU_Ag_7452	ILMVGLDAAGK	85	AGAP002931-PB	Splice junction	3L:+:36310142-36310174;2R:+:29823907-29823916,29824116-29824138	Ovary	1	2
1624	JHU_Ag_7737	ILNFCANNYLGLSANHDVINYGK	41	AGAP005781-PA	Splice junction	2L:+:20547882-20547920,20547993-20548022	Remaining organs	2	3
1625	JHU_Ag_2013	ILNFCANNYLGLSANHDVINYGKK	104	AGAP005781-PA	Splice junction	2L:+:20547882-20547920,20547993-20548025	Malpighian tubule	2	3
1626	JHU_Ag_13795	ILNIEDPLNEHELIER	88	AGAP003321-PA	Splice junction	2R:+:35963029-35963053,35965330-35965352	Malpighian tubule	2	3
1627	JHU_Ag_25632	ILPVPLVTNYLSLIVK	37	AGAP002961-PA	Splice junction	2R:+:30135849-30135890,30135998-30136003	Ovary	4	5
1628	JHU_Ag_30166	ILSGTDVAKEIR	77	AGAP002830-PA	Splice junction	2R:-:28081775-28081793,28081427-28081628	Malpighian tubule	1	2
1629	JHU_Ag_36619	ILTEATNLFLK	47	AGAP013533-PA	Splice junction	2R:-:13138764-13139041,13138528-13138654	Remaining organs	4	5
1630	JHU_Ag_29195	ILTTGFWPTQSVTPNCNIPAAPR	34	AGAP008105-PA	Splice junction	3R:-:5804929-5805070,5803634-5803710	Ovary	5	6
1631	JHU_Ag_69856	ILVAGAAGTQDQLAAAAQNAVTTILQLADAVK	42	AGAP007474-PA	Splice junction	2L:-:46760305-46764273,46759974-46760142	Midgut	6	7
1632	JHU_Ag_41028	ILVIGAGGLGCELLK	110	AGAP005102-PA	Splice junction	2L:-:10127517-10127661,10126240-10127401	Ovary	1	2
1633	JHU_Ag_82445	ILVLDEATANVDPNTDR	66	AGAP001775-PA	Splice junction	2R:-:10156313-10157605,10155931-10156198	Midgut	5	6
1634	JHU_Ag_40614	ILVLDEATANVDPNTDRLIQETIR	99	AGAP001775-PA	Splice junction	2R:-:10156313-10157605,10155931-10156177	Malpighian tubule	5	6
1635	JHU_Ag_6831	ILYLLNQGEVLGTR	75	AGAP009291-PA	Splice junction	3R:+:30872620-30872640,30872745-30872765	Midgut	1	2
1636	JHU_Ag_26276	ILYSDPANIEHAELIR	47	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	Salivary gland	2	3
1637	JHU_Ag_25798	IMELEEELK	52	AGAP001799-PA,AGAP001799-PB	residue overlap splice site,residue overlap splice site	2R:+:10593945-10593971;2R:+:10593945-10593971	Male reproductive organs	2	3
1638	JHU_Ag_17065	IMELEEELKVVGNSLK	71	AGAP001799-PA,AGAP001799-PB	Splice junction,Splice junction	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	Salivary gland	2	3
1639	JHU_Ag_7058	IMHEIDELTHIVPDVISDPTLPR	67	AGAP008393-PA	Splice junction	3R:+:10261132-10261148,10261224-10261275	Ovary	2	3
1640	JHU_Ag_71598	IMKADELLGTASEQFLGK	44	AGAP003789-PA	Splice junction	2R:+:43313198-43313206,43316701-43316745	Ovary	2	3
1641	JHU_Ag_46920	IMLYPSR	39	AGAP002754-PA	Splice junction	2R:+:26675608-26675610,26675717-26675734	Ovary	1	2
1642	JHU_Ag_38208	IMLYPSRI	49	AGAP002754-PA	Splice junction	2R:+:26675608-26675610,26675717-26675737	Male reproductive organs	1	2
1643	JHU_Ag_10274	IMNTFSVVPSPK	60	AGAP005293-PB,AGAP005293-PA	residue overlap splice site,residue overlap splice site	2L:+:13794032-13794067;2L:+:13794032-13794067	Salivary gland	3	4
1644	JHU_Ag_116855	IMPAIATTTSLVAGCASLELYKLAQGFNTLER	42	AGAP011872-PA	Splice junction	3L:-:34566309-34566618,34565744-34566140	Malpighian tubule	2	3
1645	JHU_Ag_74034	IMTDRDMIQLPVQSK	46	AGAP003719-PA	Splice junction	2R:-:42426471-42426578,42425355-42426315	Midgut	2	3
1646	JHU_Ag_54948	IMVQNIDDVLQR	97	AGAP012717-PA	Splice junction	UNKN:-:24915827-24916077,24915268-24915433	Salivary gland	3	4
1647	JHU_Ag_65519	IMYSHLVDYFPEYDGPK	115	AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PB	Splice junction,Splice junction,Splice junction,Splice junction	2L:+:9744846-9744888,9745002-9745009;2L:+:9744846-9744888,9745002-9745009;2L:+:9744846-9744888,9745002-9745009;2L:+:9744846-9744888,9745002-9745009	Head	6	7

1648	JHU_Ag_12048	INAERAPEEIFADVEK	90	AGAP009317-PA,AGAP009317-PB	Splice junction,Splice junction	3R:-:31243049-31243002;3R:-:31243049-31243002	Malpighian tubule	4	5
1649	JHU_Ag_28086	INAFAMDAIPR	47	AGAP003167-PA	Splice junction	2R:-:33500935-33501063,33500400-33500834	Ovary	4	5
1650	JHU_Ag_15126	INANSNPSSPQQSPVK	96	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	Splice junction,Splice junction,Splice junction	2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939	Malpighian tubule	3	4
1651	JHU_Ag_14830	INAPLPGSTTSTEHEHGDILVEIEPVK	38	AGAP011685-PA	Splice junction	3L:+:31379117-31379152,31379234-31379278	Head	3	4
1652	JHU_Ag_74804	INCYANVSEMEK	67	AGAP005386-PA	Splice junction	2L:+:14844872-14844877,14844956-14844985	Pupa	1	2
1653	JHU_Ag_30294	ININCINSQNGVVDHR	101	AGAP006937-PA	Splice junction	2L:-:40164034-40164124,40163771-40163900	Ovary	3	4
1654	JHU_Ag_11170	INLIAPPLYVMTTSTPEK	54	AGAP011190-PA	Splice junction	3L:-:18876307-18876512,18875883-18876186	Larva	2	3
1655	JHU_Ag_2123	INLIK	32	AGAP005101-PA	Splice junction	2L:-:10121290-10121513,10120999-10121210	Midgut	6	7
1656	JHU_Ag_11236	INLLQGAGNLSYNK	87	AGAP001700-PA	Splice junction	2R:-:8798706-8799674,8797356-8798591	Male reproductive organs	3	4
1657	JHU_Ag_113195	INQIIR	48	AGAP010249-PA	Splice junction	3R:-:51651809-51651792	Salivary gland	6	7
1658	JHU_Ag_85146	INSYSIK	36	AGAP003059-PD,AGAP003059-PB,AGAP003059-PC,AGAP003059-PA	residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site	2R:+:31713342-31713362;2R:+:31713342-31713362;2R:+:31713342-31713362;2R:+:31713342-31713362	Midgut	2	3
1659	JHU_Ag_45872	INTVESLDYQK	46	AGAP008990-PA	Splice junction	3R:-:22787443-22787949,22787123-22787339	Larva	2	3
1660	JHU_Ag_26651	INVNDIFYDLVQQINK	105	AGAP001874-PA	Splice junction	2R:-:11749846-11749984,11749658-11749715	Midgut	4	5
1661	JHU_Ag_37872	INVNDIFYDLVQQINKK	43	AGAP001874-PA	Splice junction	2R:-:11749846-11749984,11749658-11749712	Malpighian tubule	4	5
1662	JHU_Ag_66106	INWDLWLFGEGMPPVIPSYDR	66	AGAP009907-PA	Splice junction	3R:-:45187434-45187713,45186831-45187296	Midgut	6	7
1663	JHU_Ag_42035	IPEVQNGYVVDK	53	AGAP002739-PA	Splice junction	2R:+:26430957-26430992	Larva	5	6
1664	JHU_Ag_48527	IPEWSKDIDFAK	38	AGAP010249-PA	Splice junction	3R:-:51652017-51651982	Head	5	6
1665	JHU_Ag_115432	IPHIQIGDHIEK	52	AGAP007674-PB	Splice junction	2L:-:48916637-48916853,48916253-48916487	Malpighian tubule	2	3
1666	JHU_Ag_43974	IPLHELEQRIDSVTAQNVR	64	AGAP000935-PA	Splice junction	X:+:17670875-17670907,17671028-17671051	Malpighian tubule	2	3
1667	JHU_Ag_156	IPLLIGVTKDETANAIDVK	27	AGAP013509-PA	Splice junction	2R:+:30341175-30341226,30341293-30341297	Pupa	1	2
1668	JHU_Ag_12393	IPNWTPQAHCYTTLFK	83	AGAP009551-PA	Splice junction	3R:-:36044243-36044360,36043964-36044137	Malpighian tubule	1	2
1669	JHU_Ag_80987	IPSYGTHRPLWPR	38	AGAP006915-PA	Splice junction	2L:+:39992512-39992522,39992604-39992631	Salivary gland	2	3
1670	JHU_Ag_26414	IPTSINIPLPQLEEGLK	68	AGAP013228-PA	Splice junction	2L:-:47268285-47268387,47267499-47267633	Malpighian tubule	1	2
1671	JHU_Ag_32450	IPTSINIPLPQLEEGLKLDDEAFK	43	AGAP013228-PA	Splice junction	2L:-:47268285-47268387,47267499-47267612	Larva	1	2
1672	JHU_Ag_24676	IPTVHPNVNYDECVEFLK	67	AGAP000679-PA	Splice junction	X:+:12117754-12117784,12118027-12118049	Ovary	1	2
1673	JHU_Ag_9406	IPTVHPNVNYDECVEFLKR	54	AGAP000679-PA	Splice junction	X:+:12117754-12117784,12118027-12118052	Remaining organs	1	2
1674	JHU_Ag_31811	IPYSGIR	48	AGAP004824-PA	Splice junction	2L:-:3979099-3979226,3969771-3969833	Ovary	4	5
1675	JHU_Ag_89714	IQALKDDSNTSSSSSSSNNPAQAADDDLTQDLVAAFR	49	AGAP005378-PC,AGAP005378-PB,AGAP005378-PA	residue overlap splice site,residue overlap splice site,residue overlap splice site	2L:-:14743842-14743889,14741997-14742145;2L:-:14743842-14743889,14741997-14742145;2L:-:14743842-14743889,14741997-14742145	Midgut	5	6
1676	JHU_Ag_9060	IQEGVFDINNEANGIK	115	AGAP005393-PA	Splice junction	2L:+:14909055-14909087,14909188-14909202	Malpighian tubule	3	4
1677	JHU_Ag_101777	IQEITEK	44	AGAP007940-PA,AGAP007940-PB	residue overlap splice site,residue overlap splice site	3R:-:3223649-3223735,3223506-3223560;3R:-:3223649-3223735,3223506-3223560;3R:-:3223649-3223735,3223506-3223560	Head	4	5
1678	JHU_Ag_96000	IQEITEKVK	67	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	Splice junction,Splice junction,Splice junction	3R:-:3223649-3223735,3223506-3223554;3R:-:3223649-3223735,3223506-3223554;3R:-:3223649-3223735,3223506-3223554	Malpighian tubule	4	5
1679	JHU_Ag_40202	IQGPQPIPGQVK	34	AGAP002939-PB	Splice junction	2R:-:29866506-29866605,29866123-29866288	Malpighian tubule	5	6
1680	JHU_Ag_111790	IQGPQPIPGQVKYR	33	AGAP002939-PB	Splice junction	2R:-:29866506-29866605,29866123-29866282	Malpighian tubule	5	6
1681	JHU_Ag_24015	IQHTYDDLQNQTNLALER	38	AGAP002890-PA	Splice junction	2R:+:28942868-28942915,28943295-28943300	Malpighian tubule	4	5
1682	JHU_Ag_57494	IQIEQMDGWPDK	33	AGAP004729-PA	Splice junction	2L:-:2847152-2847278,2846477-2847042	Pupa	1	2

1683	JHU_Ag_70327	IQPDDLFIQNIEGDDLQTPPDYKK	32	AGAP000470-PA	residue overlap splice site	X:+:8108829-8108899,8108993-8108993	Head	3	4
1684	JHU_Ag_2541	IQQQIKDNR	59	AGAP004852-PA	Splice junction	2L:-:4470727-4470829,4470320-4470591	Malpighian tubule	6	7
1685	JHU_Ag_23249	IQVELK	39	AGAP004877-PA,AGAP004877-PB	Splice junction,Splice junction	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	Malpighian tubule	7	8
1686	JHU_Ag_75081	IQVQNPSLVSIPDGK	67	AGAP010234-PA	Splice junction	3R:+:51336996-51337001,51337091-51337129	Salivary gland	3	4
1687	JHU_Ag_26265	IQWMK	36	AGAP002737-PA,AGAP002737-PB	Splice junction,Splice junction	2R:+:26394135-26394135,26394272-26394285;2R:+:26394135-26394135,26394272-26394285	Remaining organs	10	11
1688	JHU_Ag_49747	IRDYFHHALNDLVIEAR	85	AGAP003610-PA	Splice junction	2R:-:40495112-40495811,40494234-40494985	Remaining organs	2	3
1689	JHU_Ag_69343	IRETVIQSQPVAK	59	AGAP004535-PA	Splice junction	2R:+:57463636-57463674	Malpighian tubule	9	10
1690	JHU_Ag_27044	ISAGDSHSACLLDDGRVYAWGSFR	117	AGAP003742-PA	residue overlap splice site	2R:+:42814943-42815014;2R:+:42814943-42815014	Ovary	2	3
1691	JHU_Ag_38398	ISDANEVIK	46	AGAP006186-PB	Splice junction	2L:+:27919767-27919776,27928045-27928061	Head	8	9
1692	JHU_Ag_13334	ISDANEVIKTWE	75	AGAP006186-PB	Splice junction	2L:+:27919767-27919776,27928045-27928070	Ovary	8	9
1693	JHU_Ag_105549	ISDGWPGLPGNIDAAFTYK	42	AGAP006904-PA	Splice junction	2L:+:39832583-39832610,39832691-39832719	Midgut	3	4
1694	JHU_Ag_3982	ISDVNPDFH	41	AGAP006186-PA	Splice junction	2L:+:27919767-27919776,27925972-27925988	Remaining organs	8	9
1695	JHU_Ag_23965	ISETHTDLGQDLDDEADTVPAPK	91	AGAP003735-PA	Splice junction	2R:+:42727762-42727816,42733933-42733946	Head	4	5
1696	JHU_Ag_11238	ISFEQIR	42	AGAP005325-PA	Splice junction	2L:+:14102128-14102139,14105201-14105209	Salivary gland	1	2
1697	JHU_Ag_96010	ISFEQIRELENNLVQK	76	AGAP005325-PA	Splice junction	2L:+:14102128-14102139,14105201-14105236	Malpighian tubule	1	2
1698	JHU_Ag_14078	ISGTEYVTLTDPATK	86	AGAP005672-PB	Splice junction	2L:-:18535977-18535933;2L:-:18535977-18535933	Pupa	3	4
1699	JHU_Ag_21887	ISIKPSANMTSPNAICTGGSMTSETVCFAVK	139	AGAP006225-PA	Splice junction	2L:+:28538450-28538533,28538601-28538609	Malpighian tubule	5	6
1700	JHU_Ag_43494	ISIKPSANMTSPNAICTGGSMTSETVCFAVKK	94	AGAP006225-PA	Splice junction	2L:+:28538450-28538533,28538601-28538612	Malpighian tubule	5	6
1701	JHU_Ag_2029	ISIVFR	37	AGAP006099-PA	Splice junction	2L:+:26648060-26648076,26648165-26648165	Salivary gland	2	3
1702	JHU_Ag_13170	ISIWTADYDNR	56	AGAP007172-PA,AGAP007172-PB	Splice junction,Splice junction	2L:+:43819552-43819555,43819633-43819661;2L:+:43819552-43819555,43819633-43819661	Ovary	3	4
1703	JHU_Ag_44883	ISLTLTSIAYER	65	AGAP005531-PA	Splice junction	2L:-:16666887-16667205,16665744-16666755	Salivary gland	1	2
1704	JHU_Ag_74018	ISMKPDGMDTLSSIQPTVTTTPSK	46	AGAP000930-PA	Splice junction	X:-:17575941-17576392,17575730-17575805	Head	8	9
1705	JHU_Ag_19472	ISNLQEVIDQESPKR	110	AGAP008370-PA	Splice junction	3R:+:10094183-10094199,10094273-10094300	Midgut	2	3
1706	JHU_Ag_8142	ISPILKPGAGVVTSR	73	AGAP004396-PA	Splice junction	2R:-:55598711-55598956,55598421-55598586	Pupa	3	4
1707	JHU_Ag_9646	ISPILWSKPIPLGWYFGPQWER	134	AGAP000550-PA	Splice junction	X:+:9849969-9849976,9850577-9850634	Midgut	4	5
1708	JHU_Ag_89660	ISPPQASSPSHLPAASSTAAGGQTEWGEFTSAGVQSTTADAAAATPSK	34	AGAP000322-PA	Splice junction	X:+:5720573-5720670,5720866-5720911	Head	2	3
1709	JHU_Ag_92853	ISPSLIDIAPEVRDALR	32	AGAP003806-PA	Splice junction	2R:+:43480793-43480797,43480938-43480983	Malpighian tubule	1	2
1710	JHU_Ag_72648	ISQQSHHSEEGPAR	81	AGAP002093-PA	Splice junction	2R:-:15238718-15238853,15238539-15238591	Midgut	1	2
1711	JHU_Ag_29750	ISSALTSVDVSHK	111	AGAP008604-PA	Splice junction	3R:-:13510097-13511774,13509825-13509978	Head	2	3
1712	JHU_Ag_21671	ISSALTSVDVSHKVDDSSGSIGR	140	AGAP008604-PA	Splice junction	3R:-:13510097-13511774,13509825-13509948	Malpighian tubule	2	3
1713	JHU_Ag_44181	ISSRPLSYVGRPCGASTATGSK	69	AGAP006366-PA	Splice junction	2L:-:30518198-30518313,30516503-30516557	Salivary gland	9	10
1714	JHU_Ag_33577	ISVEDALAHPYLEQYYDPADEPVAEEPFR	142	AGAP009207-PA	Splice junction	3R:-:28699177-28699471,28697024-28697120	Head	5	6
1715	JHU_Ag_3317	ISVENEGDKK	61	AGAP011244-PA	Splice junction	3L:-:19981059-19981409,19980168-19980738	Ovary	2	3
1716	JHU_Ag_102548	ITAAMVCAGVQGR	109	AGAP001249-PA	Splice junction	2R:+:2037797-2037807,2037896-2037923	Larva	2	3
1717	JHU_Ag_51821	ITAEQALAHPYLEK	57	AGAP012148-PC,AGAP012148-PA,AGAP012148-PB	Splice junction,Splice junction,Splice junction	3L:-:38071164-38071290,38070959-38071044;3L:-:38071164-38071290,38070959-38071044;3L:-:38071164-38071191,38070959-38071044	Ovary	2	3
1718	JHU_Ag_4152	ITANNFALGYSAGDFVLHTNVNDGR	155	AGAP009833-PA	Splice junction	3R:+:44049912-44049973,44050059-44050071	Remaining organs	2	3
1719	JHU_Ag_6558	ITANNFALGYSAGDFVLHTNVNDGREFGGLIYQR	164	AGAP009833-PA	Splice junction	3R:+:44049912-44049973,44050059-44050098	Salivary gland	2	3
1720	JHU_Ag_6121	ITASQLNDGLR	56	AGAP005710-PA	Splice junction	2L:+:19243324-19243348,19243432-19243439	Salivary gland	3	4
1721	JHU_Ag_95137	ITATFDPFDESAVPTR	47	AGAP011716-PA	Splice junction	3L:-:32108838-32108937,32107870-32107997	Midgut	1	2
1722	JHU_Ag_95301	ITDSGTTYKIENR	100	AGAP005471-PA	Splice junction	2L:+:16047899-16047913,16047989-16048012	Pupa	18	19

1723	JHU_Ag_17007	ITESLSEDAIFR	99	AGAP002654-PA,AGAP002654-PB	Splice junction,Splice junction	2R:-:25185497-25186954,25184751-25185303;2R:-:25185497-25186954,25184954-25185303	Head	3	4
1724	JHU_Ag_80998	ITESLSEDAIFRK	87	AGAP002654-PA,AGAP002654-PB	Splice junction,Splice junction	2R:-:25185497-25186954,25184751-25185300;2R:-:25185497-25186954,25184954-25185300	Midgut	3	4
1725	JHU_Ag_709	ITGGADFEMPITVFQVSEGSPAQK	87	AGAP003937-PB,AGAP003937-PC,AGAP003937-PD	Splice junction,Splice junction,Splice junction	2R:-:46550758-46550826,46549201-46549326;2R:-:46550758-46550863,46549201-46549326;2R:-:46550758-46550863,46549201-46549326	Remaining organs	2	3
1726	JHU_Ag_86740	ITIPIDPWATDFTK	38	AGAP011564-PA	Splice junction	3L:+:27795576-27795606,27795676-27795686	Midgut	1	2
1727	JHU_Ag_7299	ITKDINELNLPK	49	AGAP005916-PA	Splice junction	2L:-:23650233-23650332,23650012-23650120	Malpighian tubule	1	2
1728	JHU_Ag_92686	ITLSHNKLK	27	AGAP008785-PA	residue overlap splice site	3R:-:17864539-17864513	Malpighian tubule	2	3
1729	JHU_Ag_112599	ITMPVVFNEPLSFLQR	61	AGAP007687-PA	Splice junction	2L:+:49063091-49063125,49063200-49063212	Head	1	2
1730	JHU_Ag_3704	ITQKHPEYNGPTLGPK	71	AGAP000749-PA	Splice junction	X:+:13713868-13713870,13713944-13713988	Malpighian tubule	2	3
1731	JHU_Ag_69705	ITQSLTNQTEQNTLLEK	74	AGAP003679-PA	Splice junction	2R:+:41851634-41851640,41851710-41851753	Male reproductive organs	4	5
1732	JHU_Ag_82449	ITREEWPALKPTMPMGQMPVLEVDGK	110	AGAP010404-PA	Splice junction	3L:-:2783242-2783363,2782001-2782125	Remaining organs	2	3
1733	JHU_Ag_38342	ITTEGVDIVMDCLCGEECNR	87	AGAP006478-PA	Splice junction	2L:+:32812249-32812308	Malpighian tubule	4	5
1734	JHU_Ag_23140	ITVDTTTQLSALQSMDDIYK	62	AGAP001381-PA	Splice junction	2R:-:4053404-4053509,4053156-4053273	Midgut	13	14
1735	JHU_Ag_77096	ITYGHDGICR	54	AGAP005471-PA	Splice junction	2L:+:16049494-16049523	Head	22	23
1736	JHU_Ag_43620	IVASNENGDTMTYR	94	AGAP008115-PA	Splice junction	3R:+:5867766-5867781,5867877-5867902	Head	3	4
1737	JHU_Ag_59617	IVEAAGGQIIIDGLDISK	152	AGAP008437-PA	Splice junction	3R:+:10744006-10744059	Midgut	9	10
1738	JHU_Ag_55462	IVEKHENDQANINQSTSAADIAAN	118	AGAP002167-PA	Splice junction	2R:+:16825006-16825008,16825100-16825168	Malpighian tubule	4	5
1739	JHU_Ag_1744	IVFHSGNEPYIIEVVAR	59	AGAP000711-PA	Splice junction	X:-:12705911-12706040,12705472-12705747	Ovary	1	2
1740	JHU_Ag_17064	IVGIAMEQLAYNYPK	47	AGAP005777-PA	Splice junction	2L:+:20513743-20513755,20513839-20513870	Larva	6	7
1741	JHU_Ag_97327	IVGQDVER	42	AGAP001346-PA	Splice junction	2R:+:3381264-3381270,3381364-3381380	Malpighian tubule	2	3
1742	JHU_Ag_106561	IVGQLYEDLDAPAAGK	83	AGAP010448-PA	residue overlap splice site	3L:-:3862690-3862643;3L:-:3838726-3838679	Ovary	1	2
1743	JHU_Ag_16896	IVIELRPDVVPK	73	AGAP000462-PA	Splice junction	X:-:8020363-8020420,8017977-8018379	Male reproductive organs	1	2
1744	JHU_Ag_94386	IVIELRPDVVPKTSENFR	119	AGAP000462-PA	Splice junction	X:-:8020363-8020420,8017977-8018361	Malpighian tubule	1	2
1745	JHU_Ag_9710	IVIVDNSPASYIFHPDNAVPVK	73	AGAP011422-PA	Splice junction	3L:-:24429129-24429229,24427151-24427283	Head	3	4
1746	JHU_Ag_3202	IVLSSVDDLKK	71	AGAP005419-PA	residue overlap splice site	2L:+:15364161-15364190,15364256-15364258	Male reproductive organs	3	4
1747	JHU_Ag_24647	IVMILK	35	AGAP002721-PA	residue overlap splice site	2R:-:26237782-26237765	Malpighian tubule	3	4
1748	JHU_Ag_22964	IVMTIEVPK	57	AGAP011872-PA	Splice junction	3L:-:34566722-34566956,34566233-34566610	Salivary gland	1	2
1749	JHU_Ag_26671	IVMTIEVPKFTPR	64	AGAP011872-PA	Splice junction	3L:-:34566722-34566956,34566233-34566598	Malpighian tubule	1	2
1750	JHU_Ag_35956	IVNSNGQLWHTQCFVCAQCFR	77	AGAP012744-PA,AGAP003429-PA,AGAP003429-PC	Splice junction,Splice junction,Splice junction	UNKN:-:26380990-26381083,26380612-26380825;2R:-:37680370-37680446,37679918-37680205;2R:-:37680370-37680430,37679918-37680205	Male reproductive organs	1	2
1751	JHU_Ag_110561	IVPHHGPGHWNDPDTLILGNYGLSYDQSK	135	AGAP005846-PA	Splice junction	2L:+:22437078-22437122,22437216-22437257	Pupa	4	5
1752	JHU_Ag_28818	IVPIVEPEILPDGDHDLER	106	AGAP002564-PA,AGAP002564-PB	Splice junction,Splice junction	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	Midgut	3	4
1753	JHU_Ag_31289	IVPLEGGEIPIR	75	AGAP004993-PA	Splice junction	2L:+:7596628-7596651,7596731-7596742	Head	3	4
1754	JHU_Ag_41211	IVPLTIGAYRNEK	49	AGAP000179-PC,AGAP000179-PA	Splice junction,Splice junction	X:-:2994117-2994864,2993671-2994022;X:-:2994117-2994868,2993671-2994022	Malpighian tubule	1	2

1755	JHU_Ag_88397	IVQAIYDMLGACSSNKPADSAEER	130	AGAP007248-PB,AGAP007248-PA	Splice junction,Splice junction	2L:+:44604511-44604519,44610807-44610869;2L:+:44604511-44604519,44610807-44610869	Head	1	2
1756	JHU_Ag_20228	IVQALTEQAQVLTLTSR	119	AGAP004793-PB	Splice junction	2L:+:3589392-3589441,3589523-3589523;2L:+:3589392-3589441,3589523-3589523	Midgut	1	2
1757	JHU_Ag_16603	IVQDVKDEGSPSGMSR	62	AGAP001581-PB,AGAP001581-PA	Splice junction,Splice junction	2R:+:6450606-6450639,6450714-6450727;2R:+:6450606-6450639,6450714-6450727	Head	3	4
1758	JHU_Ag_663	IVQIIEFPVNNLPPDNR	74	AGAP008113-PB	Splice junction	3R:+:5838122-5838155,5838241-5838257	Remaining organs	2	3
1759	JHU_Ag_15902	IVQIIEFPVNNLPPDNRVIR	90	AGAP008113-PB	Splice junction	3R:+:5838122-5838155,5838241-5838266	Malpighian tubule	2	3
1760	JHU_Ag_84058	IVYASDTPDSIDYKPHQFIAGR	66	AGAP005272-PA	Splice junction	2L:+:13507330-13507387,13507469-13507476	Ovary	3	4
1761	JHU_Ag_69125	IWQCGGILEISPCSHVGHVFR	55	AGAP008613-PA	Splice junction	3R:-:13607389-13607327	Salivary gland	5	6
1762	JHU_Ag_19986	IYDMDNDGYISNGELFQVLK	115	AGAP004298-PC	Splice junction	2R:-:54165653-54165901,54165121-54165283	Head	3	4
1763	JHU_Ag_14764	IYGFYDECK	45	AGAP011166-PA,AGAP003114-PA	Splice junction,Splice junction	3L:+:18194570-18194577,18194809-18194827;2R:+:32549644-32549650,32549727-32549746	Midgut	3	4
1764	JHU_Ag_21798	IYGFYDECKR	52	AGAP011166-PA,AGAP003114-PA	Splice junction,Splice junction	3L:+:18194570-18194577,18194809-18194830;2R:+:32549644-32549650,32549727-32549749	Midgut	3	4
1765	JHU_Ag_91009	IYGVQFHPEVDLTVNGK	45	AGAP010139-PA	Splice junction	3R:-:49358543-49358673,49358283-49358403	Ovary	4	5
1766	JHU_Ag_337	IYGWQPEFYEDVDDLPTDMPDDLASHIR	106	AGAP007790-PB,AGAP007790-PD	Splice junction,Splice junction	3R:-:873378-873295;3R:-:873378-873295	Pupa	3	4
1767	JHU_Ag_62953	IYHHTISSTLLYGLR	60	AGAP003490-PA	Splice junction	2R:+:38607847-38607848,38607930-38607972	Malpighian tubule	2	3
1768	JHU_Ag_70211	IYMYQLFR	41	AGAP004443-PB,AGAP004443-PA	Splice junction,Splice junction	2R:-:56137966-56137943;2R:-:56137966-56137943	Malpighian tubule	4	5
1769	JHU_Ag_6089	IYNCVTGNDNPISYQK	85	AGAP005984-PA	Splice junction	2L:+:24524861-24524903,24524988-24524992	Malpighian tubule	4	5
1770	JHU_Ag_92925	IYNLFIVGSR	54	AGAP011765-PA	Splice junction	3L:+:33005527-33005536,33007028-33007047	Pupa	1	2
1771	JHU_Ag_40061	KAAPQQQGSLSSMGAPAGR	51	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31191776-31191892,31191489-31191620;2R:-:31191776-31191892,31191489-31191620	Malpighian tubule	12	13
1772	JHU_Ag_60785	KACEILLER	52	AGAP006220-PA	Splice junction	2L:+:28517030-28517056;2L:+:28538610-28538636	Midgut	9	10
1773	JHU_Ag_26096	KADEGLISGWLFFR	52	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	residue overlap splice site,residue overlap splice site,residue overlap splice site	2L:+:27918998-27919038,27919122-27919122;2L:+:27918998-27919038,27919122-27919122;2L:+:27918998-27919038,27919122-27919122	Pupa	5	6
1774	JHU_Ag_383	KAEVEGVVPIPTGDSEDIIPEIVK	39	AGAP003331-PB,AGAP003331-PA	Splice junction,Splice junction	2R:-:36117196-36117313,36116922-36117026;2R:-:36117196-36117313,36116922-36117026	Malpighian tubule	2	3
1775	JHU_Ag_25476	KAFETDIVLK	48	AGAP003167-PA	Splice junction	2R:-:33501154-33501293,33500923-33501050	Male reproductive organs	3	4
1776	JHU_Ag_58308	KAGQKPTDELTDCLR	39	AGAP012038-PA	Splice junction	3L:-:36815638-36815716,36811865-36812454	Malpighian tubule	1	2
1777	JHU_Ag_40146	KAIIIYVPVPK	53	AGAP010592-PA	Splice junction	3L:+:6565872-6565874,6565957-6565986	Male reproductive organs	1	2
1778	JHU_Ag_18930	KALELQIR	39	AGAP007596-PA	Splice junction	2L:-:48109329-48109492,48109092-48109205	Midgut	7	8
1779	JHU_Ag_84917	KAPLLITEEMVK	70	AGAP003167-PA	Splice junction	2R:-:33500410-33500853,33498135-33500217	Malpighian tubule	5	6
1780	JHU_Ag_74795	KATGLTGLHVAK	61	AGAP005621-PA	Splice junction	2L:-:17934430-17934448,17934131-17934260	Remaining organs	1	2
1781	JHU_Ag_44198	KCEQIAK	44	AGAP007786-PA	Splice junction	3R:-:839236-839809,838942-839143	Salivary gland	3	4
1782	JHU_Ag_117647	KCFIEEIPDETTVVANYK	69	AGAP003553-PA	Splice junction	2R:+:39452221-39452263,39452353-39452363	Midgut	1	2
1783	JHU_Ag_18392	KCNCNNHATSCHFDQAVYEHSGR	50	AGAP001381-PA	Splice junction	2R:-:4058625-4059304,4057857-4058490	Malpighian tubule	4	5
1784	JHU_Ag_13053	KCVLVLNLLER	39	AGAP005864-PA	Splice junction	2L:+:22653754-22653773,22653853-22653865	Ovary	3	4

1785	JHU_Ag_100334	KDALLIEINPYAEDAAETYFALDAK	48	AGAP004744-PA	Splice junction	2L:+:3023620-3023674,3024799-3024818	Malpighian tubule	6	7
1786	JHU_Ag_28529	KDEDEDDSEYLLDSVEKPK	112	AGAP003006-PA,AGAP003007-PA	Splice junction,Splice junction	2R:-:31011425-31011524,31010937-31011274;2R:-:31038914-31039013,31038426-31038763	Ovary	1	2
1787	JHU_Ag_88145	KDEFVKPTESVPQEK	48	AGAP001298-PA	Splice junction	2R:+:2648921-2648938,2649019-2649045	Head	2	3
1788	JHU_Ag_18535	KDEIFNGSK	45	AGAP001633-PA	Splice junction	2R:-:7175091-7175211,7174322-7174998	Pupa	11	12
1789	JHU_Ag_94221	KDFELAIEK	72	AGAP004645-PA	Splice junction	2R:-:59017466-59017495,59016815-59016932	Malpighian tubule	2	3
1790	JHU_Ag_95297	KDGILSK	41	AGAP009431-PA	residue overlap splice site	3R:+:33473127-33473146,33473229-33473229	Ovary	2	3
1791	JHU_Ag_55295	KDGKPADTFYAFQLLEETGICIVPGSGFGQRPGTYHFR	98	AGAP000901-PA	Splice junction	X:-:17030822-17031854,17030535-17030625	Malpighian tubule	3	4
1792	JHU_Ag_7590	KDGSLLPYGR	43	AGAP008943-PA	Splice junction	3R:+:21377278-21377307	Head	5	6
1793	JHU_Ag_9396	KDGTSFLTALHVFANSLSPADK	116	AGAP001653-PA	Splice junction	2R:+:7321960-7322022,7322100-7322102	Head	3	4
1794	JHU_Ag_28430	KDLEEVFLDVSDLTVSSVAAK	65	AGAP009907-PA	Splice junction	3R:-:45188890-45188988,45188478-45188760	Ovary	2	3
1795	JHU_Ag_22927	KDLNMPTSLPTR	53	AGAP002463-PB,AGAP002463-PA	Splice junction,residue overlap splice site	2R:+:21820459-21820493,21820592-21820592;2R:+:21820459-21820493,21820592-21820592	Male reproductive organs	1	2
1796	JHU_Ag_52953	KDLYANSVLSGGTTMYPGIADR	142	AGAP001676-PA	Splice junction	2R:-:8002513-8003386,8002166-8002358;3L:-:26299583-26299518	Remaining organs	1	2
1797	JHU_Ag_28852	KDLYANTVLSGGTTMYPGIADR	132	AGAP011516-PA	Splice junction	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	Ovary	1	2
1798	JHU_Ag_36635	KDMEISDLNAQVNDLR	112	AGAP001053-PA,AGAP001053-PH	Splice junction,Splice junction	X:+:21349583-21349594,21364143-21364178;X:+:21349583-21349594,21364143-21364178	Male reproductive organs	3	4
1799	JHU_Ag_89196	KDPAQIYEATQVGLIAGGTGITPMLQLIR	61	AGAP011300-PA	Splice junction	3L:+:20700314-20700362,20701301-20701338	Midgut	2	3
1800	JHU_Ag_62109	KDSSFGMSNAQMER	48	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20527627-20527638,20527735-20527764;2R:+:20527627-20527638,20527735-20527764;2R:+:20527627-20527638,20527735-20527764;2R:+:20527627-20527638,20527735-20527764	Malpighian tubule	2	3
1801	JHU_Ag_17883	KDVFVHVVDNENVTEEDVYEK	38	AGAP002655-PA	Splice junction	2R:+:25190252-25190285,25190840-25190868	Ovary	2	3
1802	JHU_Ag_108311	KDVSNFDR	33	AGAP012252-PA	Splice junction	3L:+:39390965-39390988	Head	14	15
1803	JHU_Ag_115556	KDYDAQDLIEFEETILR	54	AGAP012179-PA	Splice junction	3L:-:38353871-38353940,38353636-38353732	Midgut	10	11
1804	JHU_Ag_48970	KEDIELIIR	73	AGAP004606-PA	Splice junction	2R:+:58339175-58339195,58339259-58339264	Ovary	2	3
1805	JHU_Ag_53802	KEEEPEESDDDMGFGLFG	132	AGAP007740-PA	Splice junction	3R:+:173675-173717,173795-173805	Ovary	2	3
1806	JHU_Ag_40959	KEQEER	40	AGAP009037-PA	Splice junction	3L:-:25306405-25306388;3R:-:24471995-24472084,24471738-24471905	Head	5	6
1807	JHU_Ag_112356	KFEEWCSQFQDNANTQGKPQIPIR	74	AGAP004942-PA	Splice junction	2L:-:6397895-6398000,6397680-6397717	Ovary	3	4
1808	JHU_Ag_10553	KFGVIFACAQK	68	AGAP004598-PA	Splice junction	2R:-:58258865-58259235,58258614-58258754	Malpighian tubule	2	3
1809	JHU_Ag_1702	KFIIKPIDK	34	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	Splice junction,Splice junction,Splice junction	X:+:9999744-9999758,9999843-9999854;X:+:9999744-9999758,9999843-9999854;X:+:9999744-9999758,9999843-9999854	Malpighian tubule	4	5
1810	JHU_Ag_38724	KFPMSPGGVAFER	75	AGAP009865-PA	Splice junction	3R:+:44586756-44586759,44586833-44586867	Head	2	3
1811	JHU_Ag_26627	KFQEVSEAYEVLSDETK	46	AGAP007565-PA,AGAP007565-PB	Splice junction,Splice junction	2L:+:47724752-47724781,47724875-47724895;2L:+:47724752-47724781,47724875-47724895	Head	2	3
1812	JHU_Ag_80020	KFQSPVLPK	37	AGAP005369-PA,AGAP005369-PB	Splice junction,Splice junction	2L:-:14706843-14706933,14705397-14706042;2L:-:14706843-14706933,14705397-14706042	Malpighian tubule	1	2
1813	JHU_Ag_44421	KGDVGVGAGELEYR	90	AGAP000739-PA	Splice junction	X:-:13489753-13490155,13489601-13489631	Remaining organs	1	2
1814	JHU_Ag_23433	KGEIMLNTNQGR	59	AGAP001662-PA	Splice junction	2R:-:7612276-7612806,7612033-7612163	Midgut	14	15
1815	JHU_Ag_83067	KGHEIAVHSITHNDDER	123	AGAP011936-PA	Splice junction	3L:+:35366690-35366721,35366908-35366926	Pupa	4	5

1816	JHU_Ag_20839	KGLEQYR	52	AGAP001455-PA,AGAP001455-PB,AGAP001455-PC	Splice junction,Splice junction,Splice junction	2R:-:5279878-5279945,5279632-5279786;2R:-:5279878-5279945,5279632-5279786;2R:-:5279878-5279945,5279632-5279786	Head	2	3
1817	JHU_Ag_24834	KGPAVYSALGK	77	AGAP012188-PA	Splice junction	3L:+:38533302-38533320,38533528-38533541	Remaining organs	1	2
1818	JHU_Ag_19405	KGPTSTSRPEGK	51	AGAP001633-PA	Splice junction	2R:-:7153607-7153909,7152914-7153508	Head	22	23
1819	JHU_Ag_105944	KGQECEFVGYNK	41	AGAP006996-PA	residue overlap splice site	2L:+:40537522-40537557	Ovary	2	3
1820	JHU_Ag_17415	KGQEELVIFPR	87	AGAP007687-PA	residue overlap splice site	2L:+:49066657-49066688,49066752-49066752	Head	4	5
1821	JHU_Ag_83704	KGQLIMGIGHR	48	AGAP010156-PA,AGAP010155-PA	Splice junction,Splice junction	3R:+:49553913-49553915,49553999-49554028;3R:+:49527906-49527908,49527992-49528021	Malpighian tubule	7	8
1822	JHU_Ag_63785	KGSAIVLPPLAK	59	AGAP000017-PA	Splice junction	X:+:214762-214770,214847-214873	Midgut	2	3
1823	JHU_Ag_57174	KGSESEHINLK	58	AGAP000852-PA	Splice junction	X:-:15731196-15731211,15730273-15730363	Head	1	2
1824	JHU_Ag_5193	KGTLELTHNWGTENDAEFK	100	AGAP012071-PA,AGAP012072-PA	Splice junction,Splice junction	3L:-:37390547-37390748,37390181-37390391;3L:-:37400508-37400709,37400136-37400346	Remaining organs	2	3
1825	JHU_Ag_59339	KGTSSLGIMIIEGK	71	AGAP002145-PA	Splice junction	2R:-:16416080-16416128,16415905-16415968	Head	12	13
1826	JHU_Ag_37901	KHFPSINWLISYSK	65	AGAP003153-PA	Splice junction	2R:-:33386838-33387884,33386330-33386723	Remaining organs	3	4
1827	JHU_Ag_45535	KHHGCGYEACPEPK	71	AGAP008582-PA	Splice junction	3R:+:13285621-13285644,13285718-13285735	Larva	1	2
1828	JHU_Ag_64501	KHLNEVLLNAAEK	72	AGAP005948-PA	Splice junction	2L:+:23986455-23986482,23986607-23986617	Midgut	3	4
1829	JHU_Ag_22749	KHSAILSAPQSDEK	77	AGAP007698-PA,AGAP007698-PC	Splice junction,Splice junction	2L:-:49118144-49118285,49117948-49118020;2L:-:49118144-49118285,49117948-49118020	Head	2	3
1830	JHU_Ag_21156	KICGASCVVLK	54	AGAP011077-PA	residue overlap splice site	3L:+:16306762-16306794	Head	2	3
1831	JHU_Ag_84336	KIDIVLHATGSAPILK	44	AGAP007296-PA	Splice junction	2L:+:45065735-45065738,45065824-45065867	Head	1	2
1832	JHU_Ag_102624	KIEEIEPEMGEPSTEK	79	AGAP002171-PA	Splice junction	2R:+:16837288-16837296,16837388-16837426	Ovary	6	7
1833	JHU_Ag_116361	KIHDGVTHAAK	79	AGAP000393-PB	Splice junction	X:+:7194996-7194998,7195333-7195362	Remaining organs	1	2
1834	JHU_Ag_113793	KIITNLK	36	AGAP004535-PA	Splice junction	2R:+:57460930-57460934,57461018-57461033	Malpighian tubule	2	3
1835	JHU_Ag_2370	KIITSGGVTYK	44	AGAP005400-PA,AGAP005400-PB	Splice junction,Splice junction	2L:+:15073685-15073687,15073793-15073822;2L:+:15073685-15073687,15073793-15073822	Pupa	4	5
1836	JHU_Ag_112183	KILGLVR	31	AGAP012800-PA	Splice junction	UNKN:-:30043075-30043220,30042882-30042989	Malpighian tubule	4	5
1837	JHU_Ag_62099	KILIVQAYAYGK	104	AGAP011971-PA	Splice junction	3L:+:35699497-35699499,35699574-35699606	Salivary gland	4	5
1838	JHU_Ag_55777	KINAFAMDAIPR	100	AGAP003167-PA	Splice junction	2R:-:33500938-33501063,33500400-33500834	Malpighian tubule	4	5
1839	JHU_Ag_52777	KINANSNPSSPQQSPVK	120	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	Splice junction,Splice junction,Splice junction	2L:+:9687675-9687684,9687899-9687939;2L:+:9687675-9687684,9687899-9687939;2L:+:9687675-9687684,9687899-9687939	Head	3	4
1840	JHU_Ag_26889	KINSIMVSR	45	AGAP011685-PA	Splice junction	3L:+:31379834-31379848,31379926-31379937	Salivary gland	6	7
1841	JHU_Ag_35746	KIPLEK	30	AGAP002284-PA	Splice junction	2R:+:18578650-18578664,18578777-18578779	Head	4	5
1842	JHU_Ag_15486	KISSALTSVDVSHK	50	AGAP008604-PA	Splice junction	3R:-:13510100-13511774,13509825-13509978	Head	2	3
1843	JHU_Ag_9861	KITTEGVDIVMDCLCGEECNR	42	AGAP006478-PA	Splice junction	2L:+:32812082-32812083,32812248-32812308	Male reproductive organs	4	5
1844	JHU_Ag_41910	KIVMTIEVPK	54	AGAP011872-PA	Splice junction	3L:-:34566725-34566956,34566233-34566610	Ovary	1	2
1845	JHU_Ag_35815	KIVQIIEFPVNNLPPDNR	94	AGAP008113-PB	Splice junction	3R:+:5838119-5838155,5838241-5838257	Midgut	2	3
1846	JHU_Ag_47780	KLAAVLGYEGEDDAGVLATLQNASAEELVSNSTK	41	AGAP006724-PA	Splice junction	2L:-:37287062-37287842,37286454-37286873	Malpighian tubule	2	3
1847	JHU_Ag_74826	KLAFEDTER	48	AGAP008632-PA	Splice junction	3R:-:13775103-13777041,13774828-13775000	Malpighian tubule	3	4
1848	JHU_Ag_6821	KLEHPTTDGETLTHLLK	60	AGAP007633-PA,AGAP007633-PE	Splice junction,Splice junction	2L:+:48508432-48508451,48508521-48508551;2L:+:48508432-48508451,48508521-48508551	Salivary gland	3	4

1849	JHU_Ag_22766	KLEIPLATLPK	59	AGAP003742-PA	Splice junction	2R:+:42814490-42814493,42814641-42814669	Ovary	1	2
1850	JHU_Ag_3048	KLFEGGFDTLNK	67	AGAP002350-PA,AGAP002350-PB	Splice junction,Splice junction	2R:+:20528290-20528304,20529019-20529039;2R:+:20528290-20528304,20529019-20529039	Pupa	5	6
1851	JHU_Ag_2730	KLFEGGYSAYYQEK	96	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	Splice junction,Splice junction,Splice junction	2R:+:20528290-20528304,20528527-20528553;2R:+:20528290-20528304,20528527-20528553;2R:+:20528290-20528304,20528527-20528553	Pupa	5	6
1852	JHU_Ag_71834	KLLILCTTSR	46	AGAP012537-PA	residue overlap splice site	UNKN:-:12587203-12587174	Head	2	3
1853	JHU_Ag_5010	KLTSVEVTQAFIDR	110	AGAP011315-PA	Splice junction	3L:+:20940235-20940237,20940312-20940350	Salivary gland	1	2
1854	JHU_Ag_51891	KLTVEVEELR	56	AGAP012865-PA	residue overlap splice site	UNKN:-:34885959-34885930;UNKN:-:27997926-27997897;3L:-:17985759-17985730	Head	2	3
1855	JHU_Ag_38537	KLVGDVDFEEVR	49	AGAP004677-PB,AGAP004677-PA	Splice junction,Splice junction	2L:-:157706-158297,157496-157616;2L:-:157706-158297,157496-157616	Ovary	2	3
1856	JHU_Ag_70402	KLYDFVDNNPFIEMLEINYVNNVGIISR	110	AGAP004396-PA	Splice junction	2R:-:55599078-55599839,55598690-55598910	Ovary	2	3
1857	JHU_Ag_13621	KMDEYVASLHLQTLDAHLTELTDEQAR	97	AGAP000792-PA	Splice junction	X:+:14435319-14435325,14435410-14435483	Midgut	4	5
1858	JHU_Ag_17144	KMDVGGLSDPYVK	58	AGAP007942-PA,AGAP007942-PB	Splice junction,Splice junction	3R:+:3237876-3237900,3238081-3238094;3R:+:3237876-3237900,3238081-3238094	Head	6	7
1859	JHU_Ag_54986	KMMSVFDDLTALIMAK	55	AGAP012800-PA	Splice junction	UNKN:-:30042913-30042997,30042663-30042801	Larva	5	6
1860	JHU_Ag_86089	KMPEYEVIEFAR	61	AGAP010750-PA	Splice junction	3L:+:9811020-9811055	Head	23	24
1861	JHU_Ag_38756	KMTSDVALNPDLYSIIHVDHPVIVPGGR	97	AGAP012053-PA	Splice junction	3L:-:36942075-36942417,36940871-36941921	Malpighian tubule	1	2
1862	JHU_Ag_24875	KMTSEQDTLIVVSSDHSHTMTYNGYPK	65	AGAP011303-PA	Splice junction	3L:-:20767436-20767463,20766872-20767286	Midgut	1	2
1863	JHU_Ag_9753	KNDLHPSLWFVFDK	78	AGAP003232-PA	Splice junction	2R:+:34061643-34061668,34062484-34062499	Ovary	4	5
1864	JHU_Ag_13977	KNEGVVEFATLSDMK	79	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	Splice junction,Splice junction,Splice junction	2R:-:58136315-58136363,58135930-58136190;2R:-:58136315-58136378,58135930-58136190;2R:-:58136315-58136378,58135930-58136190	Ovary	1	2
1865	JHU_Ag_50209	KNNFTSVEEFQEAFNLFDNR	72	AGAP007806-PB	Splice junction	3R:-:1260414-1260438,1259431-1259725	Ovary	1	2
1866	JHU_Ag_22313	KPAADEDSDDEALREALAER	59	AGAP008345-PA	Splice junction	3R:+:9510272-9510278,9510622-9510674	Ovary	1	2
1867	JHU_Ag_32721	KPAGGVAVLPVAGK	98	AGAP012185-PA	Splice junction	3L:+:38506767-38506808	Remaining organs	5	6
1868	JHU_Ag_23139	KPDLPPITR	53	AGAP002364-PA,AGAP002364-PB	Splice junction,Splice junction	2R:-:20649093-20649292,20647818-20648989;2R:-:20649093-20649292,20647818-20648989	Malpighian tubule	3	4
1869	JHU_Ag_13571	KPFSTEPGNLTNLSSFR	129	AGAP005427-PA	Splice junction	2L:+:15421327-15421341,15421710-15421745	Malpighian tubule	1	2
1870	JHU_Ag_100941	KPFSTEPGNLTNLSSFRYSGLVHHK	58	AGAP005427-PA	Splice junction	2L:+:15421327-15421341,15421710-15421769	Malpighian tubule	1	2
1871	JHU_Ag_4746	KPILIDGR	35	AGAP010257-PA	Splice junction	3R:-:51715701-51715716,51715270-51715490	Salivary gland	1	2
1872	JHU_Ag_12353	KPILIDGRGHLLGR	21	AGAP010257-PA	Splice junction	3R:-:51715701-51715716,51715270-51715472	Malpighian tubule	1	2
1873	JHU_Ag_44199	KPLGVGLSR	30	AGAP008300-PA	Splice junction	3R:-:8744217-8744229,8743903-8744128	Remaining organs	1	2
1874	JHU_Ag_23202	KPLHQIFTQFAGLEAADDGSGDVK	158	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	Head	5	6
1875	JHU_Ag_28788	KPNANHPAPQPEFAYR	103	AGAP006260-PD,AGAP006260-PA	Splice junction,Splice junction	2L:-:28709409-28709362;2L:-:28709409-28709362	Male reproductive organs	6	7
1876	JHU_Ag_1779	KPPNPTSQTPAPGDYKPER	40	AGAP008318-PA	Splice junction	3R:+:8958540-8958570,8959406-8959431	Head	2	3
1877	JHU_Ag_4821	KPSEKPAGQPAEK	64	AGAP006037-PA	Splice junction	2L:+:25521141-25521159,25521650-25521669	Male reproductive organs	1	2

1878	JHU_Ag_106346	KPSEKPAGQPAEKK	33	AGAP006037-PA	Splice junction	2L:+:25521141-25521159,25521650-25521672	Male reproductive organs	1	2
1879	JHU_Ag_12451	KQDTFSKPLVDITCK	79	AGAP001633-PA	Splice junction	2R:-:7175211-7175167	Male reproductive organs	10	11
1880	JHU_Ag_113700	KQEEVLQESMMMIPDCQR	108	AGAP002130-PA	residue overlap splice site	2R:+:16096391-16096444	Ovary	1	2
1881	JHU_Ag_52162	KQFGPLVR	36	AGAP005845-PA	Splice junction	2L:-:22428144-22428391,22427963-22428046	Malpighian tubule	5	6
1882	JHU_Ag_107656	KQPVATPEDNK	69	AGAP002145-PA	Splice junction	2R:-:16417197-16417165	Head	5	6
1883	JHU_Ag_88228	KQSGSLLTR	63	AGAP005845-PA	Splice junction	2L:-:22428643-22428822,22428463-22428543	Malpighian tubule	3	4
1884	JHU_Ag_20077	KQTSIEIEQLNAR	111	AGAP004877-PA	Splice junction	2L:+:4863961-4863999	Midgut	6	7
1885	JHU_Ag_11413	KQVFVPTYNR	49	AGAP006824-PA	Splice junction	2L:-:38957950-38958058,38956463-38956584	Malpighian tubule	2	3
1886	JHU_Ag_66314	KQYDKPEILGGGFR	38	AGAP001603-PA	Splice junction	2R:-:6645430-6645546,6645232-6645312	Male reproductive organs	2	3
1887	JHU_Ag_77979	KSDGLTYNDFIILPGYIDFTAEEVDLSSPLTK	95	AGAP011133-PA	Splice junction	3L:+:17692776-17692798,17692886-17692958	Ovary	1	2
1888	JHU_Ag_15534	KSDLLAAVNAVTTGDVQAAAR	196	AGAP006099-PA	Splice junction	2L:+:26649156-26649209,26649302-26649310	Midgut	3	4
1889	JHU_Ag_29132	KSFTPDYGAEGIFGGQLLGVK	47	AGAP004798-PA	Splice junction	2L:-:3642069-3642238,3641569-3641640	Salivary gland	6	7
1890	JHU_Ag_7363	KSILLSIGSYK	46	AGAP000300-PA	residue overlap splice site	X:-:5356216-5356184	Salivary gland	3	4
1891	JHU_Ag_7371	KSLENTQHVFTYK	50	AGAP001341-PA	residue overlap splice site	2R:+:3328314-3328352	Remaining organs	2	3
1892	JHU_Ag_18405	KTDPNEAVNCLLK	40	AGAP003192-PA	Splice junction	2R:-:33742726-33742910,33742509-33742605	Malpighian tubule	2	3
1893	JHU_Ag_362	KTFTAWCNSHLR	48	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Splice junction,Splice junction,Splice junction	2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011	Head	1	2
1894	JHU_Ag_56380	KTLENLDEYVK	46	AGAP000380-PB,AGAP000380-PA	Splice junction,Splice junction	X:-:6908729-6908991,6905347-6906300;X:-:6908729-6908991,6905328-6906300	Malpighian tubule	3	4
1895	JHU_Ag_115885	KTLVCCAGVR	37	AGAP003250-PA	Splice junction	2R:-:34473230-34473385,34472663-34472893	Pupa	2	3
1896	JHU_Ag_94541	KTPEELAAEAEQEDLDDFTK	153	AGAP003509-PA,AGAP003509-PB	residue overlap splice site,residue overlap splice site	2R:-:38813467-38813542,38808212-38808284;2R:-:38813467-38813542,38808212-38808284;2R:-:38813467-38813542,38808212-38808284;2R:-:38813467-38813542,38808212-38808284	Head	4	5
1897	JHU_Ag_50715	KTQVFFDEQEGGMHTTESMTR	71	AGAP003711-PA	Splice junction	2R:+:42292262-42292285,42296265-42296303	Malpighian tubule	2	3
1898	JHU_Ag_5878	KTSPDDMAVKPVK	67	AGAP002145-PA	Splice junction	2R:-:16416301-16416263	Head	10	11
1899	JHU_Ag_5700	KVAEELDIDMDDPELHK	137	AGAP011250-PA	Splice junction	3L:-:20004262-20004331,20004035-20004110	Head	1	2
1900	JHU_Ag_74087	KVCAGYHASLYPCPNEYNER	90	AGAP001588-PA	Splice junction	2R:-:6493918-6493987,6492373-6493787	Salivary gland	4	5
1901	JHU_Ag_42387	KVDLLEQGATLR	35	AGAP007512-PA,AGAP007512-PB	Splice junction,Splice junction	2L:+:47102518-47102539,47102623-47102636;2L:+:47102518-47102539,47102623-47102636	Pupa	3	4
1902	JHU_Ag_78673	KVEGEMQFNGVADCIGK	83	AGAP010293-PA	residue overlap splice site	3R:+:52358431-52358477,52358554-52358557	Head	5	6
1903	JHU_Ag_98940	KVFANPEDIQPSK	48	AGAP000165-PA	Splice junction	X:-:2850742-2850865,2849465-2849759	Malpighian tubule	1	2
1904	JHU_Ag_25050	KVFDQTSLLK	74	AGAP006944-PA	Splice junction	2L:+:40193442-40193444,40193695-40193721	Ovary	1	2
1905	JHU_Ag_116552	KVFGQLITTYR	78	AGAP006263-PA	Splice junction	2L:-:28773757-28773907,28772563-28773097	Head	1	2
1906	JHU_Ag_24308	KVFSNPEDVKPGGK	56	AGAP009946-PA	Splice junction	3R:+:45853636-45853638,45853769-45853807	Midgut	1	2
1907	JHU_Ag_9263	KVILYSVADYKPPHNK	74	AGAP002509-PA	Splice junction	2R:+:22131917-22131949,22132019-22132033	Midgut	3	4
1908	JHU_Ag_33610	KVMPAVVIR	53	AGAP010252-PA	Splice junction	3R:+:51663144-51663146,51663253-51663276	Ovary	2	3
1909	JHU_Ag_93783	KVNPLPEDIK	51	AGAP006222-PA,AGAP006223-PA	Splice junction,Splice junction	2L:+:28525262-28525282,28525348-28525356;2L:+:28527614-28527634,28527700-28527708	Midgut	3	4
1910	JHU_Ag_34044	KVNSELLTLTYGALVSQMLR	79	AGAP013291-PA	Splice junction	2L:+:46179175-46179180,46181186-46181239	Ovary	1	2
1911	JHU_Ag_104599	KVPDFVFLR	29	AGAP002363-PA	Splice junction	2R:-:20645152-20645294,20644941-20645060	Malpighian tubule	3	4

1912	JHU_Ag_57318	KVPIHLQSAQNR	56	AGAP003124-PA,AGAP003124-PB	Splice junction,Splice junction	2R:-:32949366-32949396,32942333-32942413;2R:-:32949366-32949396,32942333-32942413	Head	1	2
1913	JHU_Ag_52612	KVQLENINAGK	67	AGAP002759-PA	residue overlap splice site	2R:-:26781311-26781279	Pupa	2	3
1914	JHU_Ag_117762	KVTDDGPDPECTLLVYLR	82	AGAP007918-PA	Splice junction	3R:+:2800704-2800706,2801263-2801313	Malpighian tubule	1	2
1915	JHU_Ag_18665	KVTEPPR	30	AGAP004742-PA	Splice junction	2L:-:3002535-3002579,3001248-3001629	Midgut	3	4
1916	JHU_Ag_113264	KVVTNSAIK	60	AGAP009099-PA	Splice junction	3R:+:25588969-25588972,25589049-25589071	Male reproductive organs	1	2
1917	JHU_Ag_82240	KYDEVAR	51	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	Splice junction,Splice junction,Splice junction	2R:+:10564895-10564906,10570521-10570529;2R:+:10564895-10564906,10570521-10570529;2R:+:10564895-10564906,10570521-10570529	Head	3	4
1918	JHU_Ag_70559	KYEEVAR	36	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	Splice junction,Splice junction,Splice junction	2R:+:10563668-10563679,10572556-10572564;2R:+:10563668-10563679,10572556-10572564;2R:+:10563668-10563679,10572556-10572564	Head	3	4
1919	JHU_Ag_12030	KYELGRPAANTK	51	AGAP002437-PA	residue overlap splice site	2R:-:21383191-21383156	Pupa	2	3
1920	JHU_Ag_9348	KYEVDTVHYVDEISK	47	AGAP004775-PA	Splice junction	2L:-:3415237-3415393,3412031-3412070	Pupa	2	3
1921	JHU_Ag_15195	KYFDDAYR	42	AGAP012537-PA	Splice junction	UNKN:-:12588014-12588056,12587172-12587336	Head	1	2
1922	JHU_Ag_4028	KYGPNELPAEEGK	75	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	Splice junction,Splice junction,Splice junction	2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280	Pupa	2	3
1923	JHU_Ag_32781	KYPSSYSGKPIGHFTQIASDR	49	AGAP006421-PA	Splice junction	2L:+:31694354-31694376,31694455-31694494	Malpighian tubule	2	3
1924	JHU_Ag_58950	KYSVWIGGSILASLSTFQQMWISK	46	AGAP005095-PA	Splice junction	X:-:11656456-11656385;2L:+:9971209-9971227,9971309-9971361	Midgut	2	3
1925	JHU_Ag_6527	KYYPESTFEMLK	48	AGAP009377-PA,AGAP009365-PA	Splice junction,Splice junction	3R:+:31854845-31854874,31854942-31854947;3R:+:31804856-31804885,31804953-31804958	Male reproductive organs	2	3
1926	JHU_Ag_4542	LAACFLDSMATLGMPAYGYGIR	48	AGAP007939-PA	Splice junction	3R:-:3220723-3220897,3220283-3220572	Pupa	2	3
1927	JHU_Ag_38858	LAACFLDSMATLGMPAYGYGIRYEYGIFAQK	109	AGAP007939-PA	Splice junction	3R:-:3220723-3220897,3220283-3220545	Malpighian tubule	2	3
1928	JHU_Ag_52479	LAADLLK	38	AGAP006451-PA	residue overlap splice site	2L:-:32258830-32258810	Remaining organs	3	4
1929	JHU_Ag_104946	LAALCPNAVLQKLDQFVEPLR	67	AGAP009970-PA	Splice junction	3R:+:46920539-46920572,46920666-46920694	Malpighian tubule	6	7
1930	JHU_Ag_49103	LAANDFFRHHLTTSNGTLPITR	141	AGAP010293-PA	Splice junction	3R:+:52355639-52355685,52357844-52357862	Malpighian tubule	2	3
1931	JHU_Ag_13498	LAAQNQRPASSITKPITSVDNSSISSPAK	46	AGAP012064-PA	Splice junction	3L:-:37222261-37222325,37221925-37222080	Malpighian tubule	12	13
1932	JHU_Ag_89958	LAAVLGYEGEDDAGVLATLQNASAEELVSNSTK	106	AGAP006724-PA	Splice junction	2L:-:37287059-37287842,37286454-37286873	Malpighian tubule	2	3
1933	JHU_Ag_14301	LAELTGDENSGESSR	104	AGAP009644-PA	Splice junction	3R:+:37509160-37509168,37509241-37509276	Malpighian tubule	1	2
1934	JHU_Ag_17436	LAEQAERYDEMVEAMK	66	AGAP001151-PA	Splice junction	2R:-:625077-625113,618494-618629	Midgut	1	2
1935	JHU_Ag_30836	LAEQSER	41	AGAP007643-PA,AGAP007643-PC	Splice junction,Splice junction	2L:-:48612684-48612726,48612432-48612545;2L:-:48612684-48612726,48612432-48612545	Ovary	1	2
1936	JHU_Ag_14473	LAEQSERYDDMAQAMK	120	AGAP007643-PA,AGAP007643-PC	Splice junction,Splice junction	2L:-:48612684-48612726,48612432-48612518;2L:-:48612684-48612726,48612432-48612518	Malpighian tubule	1	2
1937	JHU_Ag_101424	LAESLESTGEPVHILFTGSKDENGESWCPYCVK	44	AGAP009738-PA	residue overlap splice site	3R:+:42055472-42055570	Midgut	1	2
1938	JHU_Ag_36088	LAETPEFKQATNIK	37	AGAP000622-PA	Splice junction	X:+:11248541-11248571,11249274-11249284	Ovary	2	3
1939	JHU_Ag_39391	LAETVIHR	49	AGAP006260-PA	Splice junction	2L:-:28713599-28713576;2L:-:28713599-28713576	Male reproductive organs	4	5

1940	JHU_Ag_26318	LAETVIHRVIGEEPPTGPK	108	AGAP006260-PA	Splice junction	2L:-:28713599-28713543;2L:-:28713599-28713543	Malpighian tubule	4	5
1941	JHU_Ag_43533	LAFEDTER	49	AGAP008632-PA	Splice junction	3R:-:13775100-13777041,13774828-13775000	Salivary gland	3	4
1942	JHU_Ag_78046	LAFEDTERDLIILR	91	AGAP008632-PA	Splice junction	3R:-:13775100-13777041,13774828-13774982	Midgut	3	4
1943	JHU_Ag_3568	LAGAGNTSTVGSNSSTHSSVFCIR	44	AGAP012354-PA	Splice junction	3L:+:41015376-41015417,41015592-41015621	Head	7	8
1944	JHU_Ag_70097	LAHEIGIFSFPALVYYETGVPIMYDGNLK	61	AGAP006452-PB	Splice junction	2L:+:32281844-32281919,32282089-32282099	Remaining organs	9	10
1945	JHU_Ag_84054	LAHVHQRPFGQR	62	AGAP009995-PA	Splice junction	3R:-:47378611-47378749,47378262-47378505	Head	8	9
1946	JHU_Ag_41341	LAITYSGR	41	AGAP001440-PB	Splice junction	2R:+:5050773-5050775,5050860-5050880	Ovary	2	3
1947	JHU_Ag_31498	LALSNAPKPLLIAVSK	90	AGAP001621-PB	Splice junction	2R:+:6967970-6967975,6968443-6968484	Malpighian tubule	1	2
1948	JHU_Ag_3913	LALVTGAGSGIGR	48	AGAP009633-PA	Splice junction	3R:-:37349584-37349608,37348850-37349442	Male reproductive organs	1	2
1949	JHU_Ag_4122	LAMGGEFAYQYGPAVPGGQIALMSAAAR	40	AGAP007871-PA	residue overlap splice site	3R:+:2402657-2402739,2402812-2402812	Midgut	3	4
1950	JHU_Ag_5049	LANSPANQAK	70	AGAP000669-PA	Splice junction	X:-:11840627-11840786,11840462-11840504	Head	1	2
1951	JHU_Ag_50575	LAPNWR	32	AGAP002122-PA	Splice junction	2R:-:16046614-16046701,16046174-16046474	Remaining organs	1	2
1952	JHU_Ag_4598	LAQGFNTLER	79	AGAP011872-PA	Splice junction	3L:-:34566243-34566618,34565744-34566140	Salivary gland	2	3
1953	JHU_Ag_36584	LAQHVPTLHPTSEELSIGNMR	126	AGAP004098-PA	Splice junction	2R:+:49755732-49755762,49755837-49755868	Malpighian tubule	2	3
1954	JHU_Ag_10948	LASDLLEWIR	90	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Splice junction,Splice junction,Splice junction	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	Pupa	7	8
1955	JHU_Ag_33765	LASDLLEWIRR	31	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Splice junction,Splice junction,Splice junction	2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508	Malpighian tubule	7	8
1956	JHU_Ag_23114	LASFQETDPGWPR	54	AGAP002740-PA,AGAP002740-PB	Splice junction,Splice junction	2R:-:26444101-26444425,26443787-26443885;2R:-:26444101-26444386,26443787-26443885	Male reproductive organs	2	3
1957	JHU_Ag_80830	LASIQNEYLNFLDDEEDQGTYTAHVR	120	AGAP001135-PA	Splice junction	2R:-:565388-565409,563964-565221	Ovary	1	2
1958	JHU_Ag_46493	LATELVQGAPYMVLLVTAKPR	33	AGAP002292-PA	Splice junction	2R:-:18670406-18670643,18670091-18670271	Head	2	3
1959	JHU_Ag_14021	LATHAGSWYTDSGAELNR	105	AGAP010011-PA	Splice junction	3R:-:47582311-47582329,47582029-47582163	Midgut	1	2
1960	JHU_Ag_26240	LATNDDGFYVSSYVADNGER	124	AGAP004809-PA	residue overlap splice site	2L:-:3796785-3796726	Midgut	1	2
1961	JHU_Ag_38686	LATNDDGFYVSSYVADNGERR	75	AGAP004809-PA	Splice junction	2L:-:3796785-3797295,3796164-3796613	Midgut	1	2
1962	JHU_Ag_5925	LAVDDIKLVDDSYNNLVSEEDNK	101	AGAP007963-PA	Splice junction	3R:+:3375107-3375160,3375302-3375316	Malpighian tubule	4	5
1963	JHU_Ag_55681	LAVQAGGPNPAVNNVLR	102	AGAP001629-PA	Splice junction	2R:+:7024268-7024280,7024341-7024378	Head	1	2
1964	JHU_Ag_25678	LAYDIIEQFFSDDVDEAVLEDLRPAADENAFQFNQNPNIPR	65	AGAP001273-PA	Splice junction	2R:+:2179332-2179370,2179451-2179534	Ovary	4	5
1965	JHU_Ag_58588	LCAHLPAR	33	AGAP001751-PA,AGAP001751-PE	Splice junction,Splice junction	2R:+:9396279-9396302;2R:+:9396279-9396302;2R:+:9396279-9396302;2R:+:9396279-9396302	Head	12	13
1966	JHU_Ag_28079	LCDNITEELNKINSVPSQCTLASEISK	55	AGAP004235-PC	Splice junction	2R:-:52954769-52955267,52954162-52954195	Head	2	3
1967	JHU_Ag_5800	LCGDLYDGFFDK	43	AGAP001240-PA	Splice junction	2R:+:1884199-1884224,1884295-1884304	Malpighian tubule	5	6
1968	JHU_Ag_26567	LCGDLYDGFFDKTR	64	AGAP001240-PA	Splice junction	2R:+:1884199-1884224,1884295-1884310	Midgut	5	6
1969	JHU_Ag_102590	LCITPLGGDLVAELPFILMHPKPDDDEPVIGDR	76	AGAP011360-PA	Splice junction	3L:-:21913208-21913272,21912874-21913008	Malpighian tubule	6	7
1970	JHU_Ag_9179	LCMHTANR	53	AGAP011827-PA	Splice junction	3L:+:33868130-33868144,33868214-33868222	Salivary gland	2	3
1971	JHU_Ag_6688	LCTFFENLGWK	60	AGAP005005-PA	residue overlap splice site	2L:+:7796101-7796133	Male reproductive organs	2	3
1972	JHU_Ag_19254	LDALGAPAGANTAALGTR	42	AGAP006097-PA	Splice junction	2L:-:26630753-26630775,26629236-26629278	Male reproductive organs	6	7
1973	JHU_Ag_15801	LDDEIYIAPSGVQK	36	AGAP000470-PA	Splice junction	X:+:8108665-8108669,8108786-8108822	Remaining organs	2	3
1974	JHU_Ag_5318	LDDQNIAEAMLER	109	AGAP005672-PA,AGAP005672-PB	Splice junction,Splice junction	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	Midgut	3	4
1975	JHU_Ag_23265	LDDVELDNVMKDCMDPEDDDGNIPYAPFLK	46	AGAP001569-PA	Splice junction	2R:+:6334568-6334646,6334978-6334988	Remaining organs	4	5

1976	JHU_Ag_4359	LDDVELDNVMKDCMDPEDDDGNIPYAPFLQR	58	AGAP001569-PB	Splice junction	2R:+:6334568-6334646,6335628-6335641	Remaining organs	4	5
1977	JHU_Ag_104239	LDETGRQIGEEDVQVSVQTGSFQYTAPDGQVYTLR	80	AGAP009869-PA	residue overlap splice site	3R:-:44599805-44599872,44599543-44599609	Malpighian tubule	2	3
1978	JHU_Ag_14138	LDHFDPQNVNTWSMR	111	AGAP001240-PA	Splice junction	2R:+:1882903-1882944,1883015-1883017	Midgut	1	2
1979	JHU_Ag_13661	LDILDTAGQEEFSAMR	61	AGAP002812-PA	Splice junction	2R:-:27887907-27887988,27887409-27887778	Male reproductive organs	2	3
1980	JHU_Ag_19010	LDLNAHIPKPEPETK	73	AGAP011334-PA	Splice junction	3L:-:21303929-21304094,21303628-21303793	Larva	3	4
1981	JHU_Ag_13137	LDLVSEIR	54	AGAP010734-PA	Splice junction	3L:+:9070308-9070312,9070401-9070419	Pupa	3	4
1982	JHU_Ag_70498	LDNLLEDLQQSVSRPGSSLGQPINNYSSTR	138	AGAP006184-PA	Splice junction	2L:+:27864894-27864897,27867735-27867820	Male reproductive organs	2	3
1983	JHU_Ag_2808	LDPSSSAPVISLESNDK	90	AGAP003567-PA	residue overlap splice site	2R:-:39543426-39543491,39543252-39543312	Midgut	3	4
1984	JHU_Ag_117280	LDPTVLELK	37	AGAP005175-PA	residue overlap splice site	2L:+:11403057-11403077,11403161-11403166	Male reproductive organs	7	8
1985	JHU_Ag_98087	LDQFVEPLR	56	AGAP009970-PA	Splice junction	3R:+:46920668-46920694	Malpighian tubule	6	7
1986	JHU_Ag_10880	LDQFVEPLRATCTLK	47	AGAP009970-PA	Splice junction	3R:+:46920668-46920712	Malpighian tubule	6	7
1987	JHU_Ag_38490	LDQIAIPDFAAGAMENWGLVTYR	86	AGAP004809-PA	residue overlap splice site	2L:-:3796231-3796613,3795553-3795893	Midgut	2	3
1988	JHU_Ag_98648	LDQILLNGNNITMLVPGSSGDLPEAS	39	AGAP006604-PA	Splice junction	2L:-:34673035-34673193,34672871-34672874	Ovary	2	3
1989	JHU_Ag_71203	LDSDDIQGIQTLYGTK	94	AGAP006904-PA	Splice junction	2L:+:39832258-39832278,39832352-39832378	Midgut	2	3
1990	JHU_Ag_24091	LDVVALPGFSYVKPADNWGLIVFK	72	AGAP000129-PA	Splice junction	X:-:2069064-2070048,2068844-2068922	Head	1	2
1991	JHU_Ag_17321	LDYKPDEYNVYANTPIVNSVPTR	85	AGAP013146-PC	Splice junction	2R:+:42060587-42060654,42060740-42060740	Malpighian tubule	1	2
1992	JHU_Ag_1267	LEADINELEIALDHANKANAEAQK	83	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299	Head	14	15
1993	JHU_Ag_80232	LEDDLTVER	78	AGAP001797-PF,AGAP001797-PI	Splice junction,Splice junction	2R:+:10578129-10578135,10579029-10579048;2R:+:10578129-10578135,10579029-10579048	Pupa	7	8
1994	JHU_Ag_29824	LEDELGVNK	39	AGAP001799-PB	Splice junction	2R:+:10594223-10594229,10596640-10596659	Head	3	4
1995	JHU_Ag_40394	LEDELGVNKDR	76	AGAP001799-PB	Splice junction	2R:+:10594223-10594229,10596640-10596665	Male reproductive organs	3	4
1996	JHU_Ag_61606	LEDELIVEK	39	AGAP001797-PD	Splice junction	2R:+:10578129-10578135,10582177-10582196	Head	8	9
1997	JHU_Ag_27096	LEDELVMEK	79	AGAP001797-PE,AGAP001797-PA	Splice junction,Splice junction	2R:+:10578129-10578135,10583519-10583538;2R:+:10578129-10578135,10583519-10583538	Ovary	7	8
1998	JHU_Ag_38900	LEDKIR	43	AGAP004877-PA	Splice junction	2L:+:27091322-27091339;2L:+:4852161-4852166,4853168-4853179	Malpighian tubule	1	2
1999	JHU_Ag_30075	LEEAEGGAEGQLEINR	140	AGAP004877-PA	Splice junction	2L:+:4855543-4855575,4855660-4855674	Ovary	3	4
2000	JHU_Ag_68585	LEEAEGGAEGQLEINRK	155	AGAP004877-PA	Splice junction	2L:+:4855543-4855575,4855660-4855677	Head	3	4
2001	JHU_Ag_14381	LEEIHTLEEPYLNFNCSHLK	115	AGAP004956-PA	Splice junction	2L:-:7185913-7186455,7185732-7185780	Ovary	2	3
2002	JHU_Ag_102544	LEGWGPEK	40	AGAP002145-PA	Splice junction	2R:-:16418973-16419006,16417857-16417917	Head	1	2
2003	JHU_Ag_48506	LEHPTTDGETLTHLLK	86	AGAP007633-PA,AGAP007633-PE	Splice junction,Splice junction	2L:+:48508435-48508451,48508521-48508551;2L:+:48508435-48508451,48508521-48508551	Midgut	3	4

2004	JHU_Ag_39548	LEIWNFDPNPTTR	72	AGAP004199-PA	Splice junction	2R:-:51700688-51701015,51699963-51700581	Male reproductive organs	3	4
2005	JHU_Ag_13032	LELAK	39	AGAP002822-PA	Splice junction	2R:-:17709431-17709417;2R:-:40340141-40340127;3L:+:8099752-8099766;2R:+:26786601-26786615;2R:-:27981206-27983084,27980988-27981091	Salivary gland	1	2
2006	JHU_Ag_81068	LEMGAVADLFDR	77	AGAP011396-PA	Splice junction	3L:-:23615766-23615731	Head	22	23
2007	JHU_Ag_58271	LENGLSWCGDCVDAAPYIEK	105	AGAP003178-PA	Splice junction	2R:-:33578810-33578915,33578609-33578674	Midgut	1	2
2008	JHU_Ag_28874	LENQVENDGYHYVFETENGILAEEAGR	161	AGAP009874-PA	Splice junction	3R:-:44648153-44648669,44647882-44648005	Remaining organs	2	3
2009	JHU_Ag_28841	LENQVENDGYHYVFETENGILAEEAGRIEDK	114	AGAP009874-PA	Splice junction	3R:-:44648153-44648669,44647882-44647993	Remaining organs	2	3
2010	JHU_Ag_30111	LENSTPNQTELLGHLLHVAGQLGK	32	AGAP007702-PA	Splice junction	2L:+:49138529-49138558,49138639-49138680	Ovary	1	2
2011	JHU_Ag_105400	LERPNFDINPTTR	56	AGAP001550-PA	Splice junction	2R:+:6106881-6106894,6106957-6106981	Head	6	7
2012	JHU_Ag_54541	LESLKETPLK	49	AGAP000615-PA	Splice junction	X:+:11206522-11206539,11206629-11206640	Salivary gland	3	4
2013	JHU_Ag_106755	LESRPITENPMHIKR	44	AGAP000958-PA	Splice junction	X:-:18381559-18381565,18377888-18378008	Malpighian tubule	1	2
2014	JHU_Ag_8372	LEVDIKPK	29	AGAP005865-PA	Splice junction	2L:+:22655808-22655826,22655992-22655996	Malpighian tubule	3	4
2015	JHU_Ag_60695	LFAAHILDIFSK	111	AGAP013255-PA,AGAP012745-PA	Splice junction,Splice junction	2R:+:42092052-42092060,42092143-42092169;UNKN:-:26433612-26434728,26433331-26433495	Midgut	2	3
2016	JHU_Ag_5454	LFADAEEEEKR	52	AGAP012684-PA	residue overlap splice site	UNKN:-:23506303-23506271	Malpighian tubule	2	3
2017	JHU_Ag_68655	LFASLSSNNIR	73	AGAP006613-PB,AGAP006613-PA	Splice junction,Splice junction	2L:+:34736174-34736186,34736255-34736274;2L:+:34736174-34736186,34736255-34736274	Ovary	4	5
2018	JHU_Ag_77494	LFDKPLAAESAVEELDIENLPAPELK	72	AGAP002284-PA	Splice junction	2R:+:18577867-18577918,18578000-18578025	Head	3	4
2019	JHU_Ag_91148	LFDKPLAAESAVEELDIENLPAPELKK	102	AGAP002284-PA	Splice junction	2R:+:18577867-18577918,18578000-18578028	Ovary	3	4
2020	JHU_Ag_39516	LFDQQFGTGIFSEDLQK	122	AGAP007161-PA	Splice junction	2L:+:43610758-43610789,43610868-43610886	Remaining organs	1	2
2021	JHU_Ag_84119	LFDVGGQR	40	AGAP005773-PB,AGAP005773-PA	Splice junction,Splice junction	2L:-:20438368-20438345;2L:-:20438368-20438345	Head	6	7
2022	JHU_Ag_7203	LFEGGFDTLNK	81	AGAP002350-PA,AGAP002350-PB	Splice junction,Splice junction	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	Midgut	5	6
2023	JHU_Ag_5489	LFEGGFDTLNKEVLEK	141	AGAP002350-PA,AGAP002350-PB	Splice junction,Splice junction	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	Head	5	6
2024	JHU_Ag_776	LFEGGYSAYYQEK	101	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	Splice junction,Splice junction,Splice junction	2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553	Head	5	6
2025	JHU_Ag_25935	LFEPPVTMNDMLK	47	AGAP000625-PA	Splice junction	X:+:11266983-11267006,11267087-11267101	Ovary	3	4
2026	JHU_Ag_74431	LFGPQEIQEGLLSPFAPTIEPYESEVCFIPR	81	AGAP006228-PA	Splice junction	2L:+:28549804-28549818,28549888-28549965	Malpighian tubule	3	4
2027	JHU_Ag_40775	LFGSIITEDDFYNYEPR	107	AGAP008915-PA	Splice junction	3R:+:20773447-20773490,20773581-20773587	Midgut	1	2
2028	JHU_Ag_56921	LFGSKTTPLSLALK	27	AGAP003078-PB	Splice junction	2R:-:32248015-32249403,32247204-32247911	Head	3	4
2029	JHU_Ag_3600	LFHTAPNVPHYAK	58	AGAP003700-PA	Splice junction	2R:+:42133975-42134011,42134093-42134094	Ovary	3	4
2030	JHU_Ag_22931	LFITVPR	50	AGAP010280-PA	Splice junction	3R:-:51984202-51984421,51983069-51983175	Pupa	1	2
2031	JHU_Ag_24189	LFLGALGGELSAELPFVLMHPKPGTK	127	AGAP010134-PA	Splice junction	3R:+:49304546-49304611,49304706-49304717	Head	3	4
2032	JHU_Ag_16765	LFLMSWCPDTAK	74	AGAP012056-PA	residue overlap splice site	3L:-:37152659-37152624	Male reproductive organs	3	4
2033	JHU_Ag_80746	LFLMSWCPDTAKVK	48	AGAP012056-PA	Splice junction	3L:-:37152659-37152729,37152368-37152509	Malpighian tubule	3	4
2034	JHU_Ag_330	LFNYSEYEVLR	81	AGAP010428-PA	Splice junction	3L:-:3184819-3185493,3183627-3184713	Malpighian tubule	3	4
2035	JHU_Ag_483	LFPIFIFDGESAGTR	77	AGAP001958-PA	Splice junction	2R:-:12839864-12839978,12839388-12839715	Salivary gland	1	2
2036	JHU_Ag_6793	LFQGNALLR	67	AGAP005061-PB,AGAP005061-PA	Splice junction,Splice junction	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	Male reproductive organs	1	2

2037	JHU_Ag_88195	LFQLIPSLNYLDGFDK	86	AGAP005075-PB	Splice junction	2L:+:9649433-9649470,9649549-9649558	Ovary	2	3
2038	JHU_Ag_46570	LFQSGVTMSHQVTTR	58	AGAP011286-PA	Splice junction	3L:+:20565565-20565572,20565669-20565705	Malpighian tubule	3	4
2039	JHU_Ag_75749	LFRPAEETKDLIFILTHR	44	AGAP002472-PA	Splice junction	2R:+:21847141-21847155,21847266-21847304	Malpighian tubule	2	3
2040	JHU_Ag_9181	LFSHIDANK	52	AGAP007619-PA	Splice junction	2L:-:48344310-48344346,48343986-48344202	Head	1	2
2041	JHU_Ag_52482	LFSHIDANKSK	64	AGAP007619-PA	Splice junction	2L:-:48344310-48344346,48343986-48344196	Malpighian tubule	1	2
2042	JHU_Ag_77372	LFTQYLMDILTDVYEYVK	34	AGAP013146-PC	Splice junction	2R:+:42062064-42062072,42062149-42062193	Midgut	2	3
2043	JHU_Ag_564	LFVGGLSWETSDKELK	39	AGAP000399-PB,AGAP000399-PA	Splice junction,Splice junction	X:-:7263133-7263137,7261868-7262132;X:-:7263133-7263137,7261868-7262132	Ovary	2	3
2044	JHU_Ag_59525	LFVLANRGLSNLIQDLILR	24	AGAP000697-PB,AGAP000697-PA	residue overlap splice site,residue overlap splice site	X:+:12536302-12536355,12536487-12536489;X:+:12536302-12536355,12536487-12536489	Malpighian tubule	5	6
2045	JHU_Ag_41518	LFVLDLQAR	43	AGAP000561-PA	Splice junction	X:+:9962406-9962426,9962501-9962506	Salivary gland	5	6
2046	JHU_Ag_14678	LGDDEVEQLLQNQEDSQGNVNYEEFVR	205	AGAP007806-PB,AGAP007806-PA	Splice junction,Splice junction	3R:-:1259445-1259759,1259267-1259285;3R:-:1259445-1259759,1259267-1259285	Ovary	2	3
2047	JHU_Ag_31625	LGEEDIENIVAK	93	AGAP005007-PA	Splice junction	2L:-:7817940-7818045,7816550-7817817	Ovary	1	2
2048	JHU_Ag_109291	LGEFITEQVISPR	56	AGAP005988-PA	Splice junction	2L:+:24561527-24561559,24561627-24561632	Midgut	4	5
2049	JHU_Ag_43476	LGEIVTTIPTIGFNVETVEYK	79	AGAP012014-PA	Splice junction	3L:+:36310199-36310232,36310321-36310349;2R:+:29824163-29824225	Malpighian tubule	1	2
2050	JHU_Ag_114011	LGELFGTVIFGHLGDTLGR	69	AGAP004107-PB,AGAP004107-PA	Splice junction,Splice junction	2R:-:49954253-49954369,49953941-49954108;2R:-:49943705-49943821,49943393-49943560	Malpighian tubule	3	4
2051	JHU_Ag_42033	LGFNPLK	41	AGAP009310-PA	Splice junction	3R:+:31161241-31161245,31161327-31161342	Ovary	3	4
2052	JHU_Ag_92702	LGFNPLKDLTFMPVSGITGQGLR	44	AGAP009310-PA	Splice junction	3R:+:31161241-31161245,31161327-31161390	Malpighian tubule	3	4
2053	JHU_Ag_87940	LGFNVTIDNIISTAYLAAQYLK	74	AGAP011350-PA	Splice junction	3L:-:21615667-21615952,21614910-21615528	Midgut	1	2
2054	JHU_Ag_2910	LGFVAGVILR	65	AGAP003711-PC,AGAP003711-PD	Splice junction,Splice junction	2R:+:42294291-42294295,42298458-42298482;2R:+:42294291-42294295,42298458-42298482	Midgut	3	4
2055	JHU_Ag_16971	LGITSLIR	63	AGAP001200-PA,AGAP001200-PB	residue overlap splice site,residue overlap splice site	2R:+:1287791-1287814;2R:+:1287791-1287814	Remaining organs	3	4
2056	JHU_Ag_112704	LGLAATLMSFLEDVSEK	112	AGAP001878-PA	residue overlap splice site	2R:+:11797828-11797877,11797957-11797957	Ovary	3	4
2057	JHU_Ag_87843	LGLALNFSVFYYEILNSPDR	84	AGAP001151-PA	Splice junction	2R:-:618066-618357,617763-617908	Ovary	3	4
2058	JHU_Ag_26768	LGLANRTR	35	AGAP011776-PA	Splice junction	3L:+:33165787-33165810	Malpighian tubule	5	6
2059	JHU_Ag_53543	LGLITMFTSK	67	AGAP001375-PA	Splice junction	2R:+:4012228-4012257	Pupa	5	6
2060	JHU_Ag_111484	LGLIVDK	42	AGAP010392-PA	Splice junction	3L:-:2597843-2598068,2597174-2597680	Ovary	1	2
2061	JHU_Ag_52788	LGLIVDKIDR	61	AGAP010392-PA	Splice junction	3L:-:2597843-2598068,2597174-2597671	Ovary	1	2
2062	JHU_Ag_61429	LGNTKVFFR	67	AGAP010147-PK	Splice junction	3R:+:49471433-49471447,49473390-49473401	Malpighian tubule	9	10
2063	JHU_Ag_32564	LGPDCVGTYSER	62	AGAP001732-PA	Splice junction	2R:-:9087598-9087895,9086474-9087494	Midgut	1	2
2064	JHU_Ag_20230	LGPHGFLYLPAAGIPGNAGLKDQLLALK	110	AGAP005757-PA	Splice junction	2L:+:20290810-20290878,20290987-20291001	Midgut	1	2
2065	JHU_Ag_96815	LGPLEAK	21	AGAP006330-PA	Splice junction	2L:+:29903107-29903124,29903210-29903212	Head	5	6
2066	JHU_Ag_48366	LGQLYQLQLDK	83	AGAP011996-PA	Splice junction	3L:+:36028056-36028064,36028224-36028247	Male reproductive organs	1	2
2067	JHU_Ag_63080	LGQTNQGAPPTEVVISK	99	AGAP006410-PA,AGAP006410-PB	Splice junction,Splice junction	2L:+:31576062-31576097,31576156-31576170;2L:+:31576062-31576097,31576156-31576170	Head	3	4
2068	JHU_Ag_16794	LGSNGESPSSTSTPIK	68	AGAP003598-PA	Splice junction	2R:+:40403389-40403404,40403498-40403529	Malpighian tubule	1	2
2069	JHU_Ag_92735	LGTPSPR	29	AGAP000443-PA	Splice junction	X:-:7805294-7805413,7802959-7803058	Head	13	14
2070	JHU_Ag_6983	LGVASIFGDNKPFDQLSNDNVK	48	AGAP001377-PA	Splice junction	2R:+:4019785-4019850	Ovary	3	4
2071	JHU_Ag_2284	LGVAVPGAVEQPRDPATELR	57	AGAP003339-PA	Splice junction	2R:+:36294930-36294967,36295036-36295057	Male reproductive organs	2	3
2072	JHU_Ag_26854	LGVLDKDQTPEVTHFIDLTK	53	AGAP008018-PA	Splice junction	3R:+:4319710-4319760,4319827-4319835	Midgut	4	5

2073	JHU_Ag_6914	LGVPQNIFQVLEK	66	AGAP005170-PA	Splice junction	2L:-:11286531-11286671,11286292-11286419	Remaining organs	2	3
2074	JHU_Ag_16191	LGVYTSLNDAYK	62	AGAP012097-PA	residue overlap splice site	3L:+:37636312-37636347	Head	1	2
2075	JHU_Ag_4622	LGVYTSLNDAYKQK	81	AGAP012097-PA	Splice junction	3L:+:37636312-37636349,37636471-37636474	Malpighian tubule	1	2
2076	JHU_Ag_26175	LGYANAK	42	AGAP003597-PB	Splice junction	2R:-:40400482-40400653,40393354-40394448	Midgut	2	3
2077	JHU_Ag_1847	LGYTGHKPFLWPR	82	AGAP005420-PA	Splice junction	2L:-:15366887-15367058,15365700-15365906	Male reproductive organs	4	5
2078	JHU_Ag_60313	LHDLPAWVFFPDVER	40	AGAP003725-PB	Splice junction	2R:+:42449141-42449161,42457944-42457967	Salivary gland	1	2
2079	JHU_Ag_23045	LHELLQLFDR	34	AGAP001683-PB,AGAP001683-PA	Splice junction,Splice junction	2R:-:8393979-8394140,8393239-8393395;2R:-:8393979-8394140,8393239-8393395	Midgut	9	10
2080	JHU_Ag_71055	LHGPDEDPLPNEDVSADDGDDSHSK	140	AGAP009284-PA	Splice junction	3R:+:30659533-30659539,30664269-30664336	Head	1	2
2081	JHU_Ag_4852	LHNLAVESGQELK	94	AGAP006573-PA	Splice junction	2L:-:34205240-34205202	Head	3	4
2082	JHU_Ag_65488	LHNLAVESGQELKK	60	AGAP006573-PA	Splice junction	2L:-:34205240-34205199	Ovary	3	4
2083	JHU_Ag_11086	LHSPFLSEEANR	42	AGAP008730-PA	Splice junction	3R:-:16168267-16168327,16168122-16168174	Ovary	1	2
2084	JHU_Ag_15219	LHTGETPFQCTYCQK	57	AGAP009566-PA	Splice junction	3R:+:36323236-36323280	Head	9	10
2085	JHU_Ag_35274	LHTGETPYQCTYCQK	64	AGAP009566-PA	Splice junction	3R:+:36318888-36318932	Head	7	8
2086	JHU_Ag_9655	LHWVEFMSK	75	AGAP001588-PA,AGAP012818-PA,AGAP001587-PA	Splice junction,Splice junction,Splice junction	2R:-:6492140-6492304,6491962-6492037;UNKN:+:31395513-31395520,31395598-31395616;2R:-:6486122-6486286,6485944-6486022	Malpighian tubule	6	7
2087	JHU_Ag_25764	LHWVEFQSK	52	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	Splice junction,Splice junction,Splice junction	2R:+:42300617-42300624,42300720-42300738;2R:+:42300617-42300624,42300720-42300738;2R:+:42300617-42300624,42300720-42300738	Salivary gland	7	8
2088	JHU_Ag_9804	LIADYKDAEQK	54	AGAP005672-PA,AGAP005672-PB	Splice junction,Splice junction	2L:-:18535854-18535978,18535638-18535719;2L:-:18535854-18535978,18535638-18535719	Malpighian tubule	6	7
2089	JHU_Ag_23800	LICDNTDLIDTVQIYPMVLPDHEINPR	183	AGAP000051-PA	Splice junction	X:+:840507-840577,840656-840665	Pupa	5	6
2090	JHU_Ag_14086	LIDAFHGTPLQTFTGHLNNK	122	AGAP009700-PA	Splice junction	3R:-:39153160-39153820,39152788-39153013	Ovary	1	2
2091	JHU_Ag_1598	LIDEFLEPYTVEEDNR	42	AGAP009595-PA	Splice junction	3R:+:36764362-36764383,36764471-36764496	Pupa	3	4
2092	JHU_Ag_6329	LIDEFLEPYTVEEDNRVDCSFDNPPPEGK	130	AGAP009595-PA	Splice junction	3R:+:36764362-36764383,36764471-36764535	Head	3	4
2093	JHU_Ag_50870	LIDEWQRPILEDADLPDWYK	79	AGAP008830-PA	Splice junction	3R:-:19103181-19103399,19102845-19103055	Ovary	5	6
2094	JHU_Ag_54764	LIDITTGTLYYIGGGK	79	AGAP007545-PA,AGAP007545-PB	Splice junction,Splice junction	2L:+:47460529-47460576;2L:+:47460529-47460576	Pupa	5	6
2095	JHU_Ag_4294	LIELLSHSHNNVVSAALR	75	AGAP005401-PA	Splice junction	2L:-:15082060-15082307,15080992-15081295	Salivary gland	4	5
2096	JHU_Ag_26300	LIEMYKVDEEEYK	78	AGAP001936-PB,AGAP001936-PA	Splice junction,Splice junction	2R:+:12665134-12665172;2R:+:12665134-12665172	Head	9	10
2097	JHU_Ag_110681	LIEYLETGQVTDINTCNTNGLNALHLAAK	119	AGAP009937-PA	Splice junction	3R:+:45691282-45691335,45691405-45691437	Head	1	2
2098	JHU_Ag_2809	LIEYTDTMLR	49	AGAP012179-PA	residue overlap splice site	3L:-:38362065-38362125,38361860-38361910	Head	6	7
2099	JHU_Ag_79511	LIFAHVLFR	58	AGAP002387-PA	Splice junction	2R:+:20878830-20878847,20878964-20878972	Ovary	1	2
2100	JHU_Ag_99588	LIFFNMDPNPFVR	66	AGAP008359-PA	Splice junction	3R:+:10024111-10024124,10024198-10024222	Malpighian tubule	3	4
2101	JHU_Ag_58311	LIFPYVK	26	AGAP003168-PA	residue overlap splice site	2R:+:33510543-33510563	Head	2	3
2102	JHU_Ag_14018	LIHPSIVELR	27	AGAP003776-PA	Splice junction	2R:+:43154132-43154155,43154238-43154243	Remaining organs	3	4
2103	JHU_Ag_10574	LIKEDEYEAR	50	AGAP006270-PA	Splice junction	2L:-:28931625-28931596	Head	7	8
2104	JHU_Ag_16447	LILADALCYASTFNPK	122	AGAP003869-PA	Splice junction	2R:-:44705748-44706238,44705161-44705569	Ovary	4	5
2105	JHU_Ag_64294	LILSVLFAYPIGSVYR	41	AGAP012258-PA	Splice junction	3L:+:39509344-39509365,39510003-39510028	Midgut	1	2
2106	JHU_Ag_7643	LILTIPHDDILVYPK	48	AGAP004535-PA	Splice junction	2R:+:57462041-57462073,57462136-57462147	Head	6	7
2107	JHU_Ag_67801	LIMNYLVTEGFK	48	AGAP000951-PA	Splice junction	X:+:18329404-18329428,18329609-18329619	Remaining organs	1	2
2108	JHU_Ag_53818	LINPEGKPPR	32	AGAP001633-PA	Splice junction	2R:-:7181471-7181651,7180821-7181098	Head	4	5

2109	JHU_Ag_33246	LIQESIGCCGADGPNDYMVMR	102	AGAP010598-PA	Splice junction	3L:+:6867931-6867945,6869399-6869446	Midgut	2	3
2110	JHU_Ag_104653	LIQIASPR	48	AGAP006626-PA	Splice junction	2L:+:34775036-34775042,34775110-34775126	Malpighian tubule	2	3
2111	JHU_Ag_1123	LITENIVNDWDDPR	95	AGAP010267-PA	Splice junction	3R:-:51879725-51881222,51878832-51879612	Midgut	1	2
2112	JHU_Ag_28185	LIVADSLATYQAK	82	AGAP006221-PA	Splice junction	2L:+:28520833-28520842,28520917-28520945	Larva	4	5
2113	JHU_Ag_116213	LIVATNPVEVERLNDLYQR	51	AGAP007868-PA	Splice junction	3R:+:2391673-2391714,2392029-2392043	Malpighian tubule	2	3
2114	JHU_Ag_19721	LIVDEAANDDNSVISLSQAK	131	AGAP005630-PA	Splice junction	2L:-:18013591-18013640,18011112-18013143	Head	2	3
2115	JHU_Ag_104467	LIVDLTSANCSHQVQQELSSTFAR	44	AGAP001802-PB	Splice junction	2R:+:10614431-10614477,10614554-10614578	Ovary	7	8
2116	JHU_Ag_10409	LIVGVFVR	64	AGAP006901-PA,AGAP006901-PB	Splice junction,Splice junction	2L:-:39719463-39719654,39717357-39717539;2L:-:39719463-39719654,39717357-39717539	Remaining organs	7	8
2117	JHU_Ag_53984	LIVPASQCGSLIGK	38	AGAP004942-PA	Splice junction	2L:-:6397716-6397776,6397444-6397603	Ovary	4	5
2118	JHU_Ag_22970	LIYHDQVIIPLK	32	AGAP010219-PA	Splice junction	3R:+:50914352-50914363,50914455-50914478	Ovary	3	4
2119	JHU_Ag_105568	LIYVCDPVMGDDGIMYVPK	87	AGAP005929-PA	Splice junction	2L:-:23814541-23814781,23813701-23814241	Midgut	2	3
2120	JHU_Ag_45080	LKADVIFPK	61	AGAP009610-PA	Splice junction	3R:+:37002426-37002430,37002519-37002540	Male reproductive organs	1	2
2121	JHU_Ag_57619	LKEDHDGAEPCGNSVAAHNLLLLSDYFEEER	71	AGAP008252-PA	Splice junction	3R:-:7903134-7903333,7902577-7902973	Ovary	3	4
2122	JHU_Ag_88690	LKEIFDGQEAWYDGFSVLHVGADGLVSK	53	AGAP000173-PA	Splice junction	X:+:2939802-2939830,2940858-2940912	Remaining organs	4	5
2123	JHU_Ag_2986	LKESFEQFGR	45	AGAP001419-PB,AGAP001419-PC	Splice junction,Splice junction	2R:+:4717983-4717988,4718080-4718103;2R:+:4717983-4717988,4718080-4718103	Ovary	7	8
2124	JHU_Ag_42590	LKGIEQNIEQEEQQSK	119	AGAP007698-PA,AGAP007698-PC	Splice junction,Splice junction	2L:-:49117953-49118021,49117669-49117811;2L:-:49117953-49118021,49117669-49117811	Head	3	4
2125	JHU_Ag_25457	LKGIHNALVEHADAEK	116	AGAP002364-PA	Splice junction	2R:-:20647845-20649014,20646740-20647346	Malpighian tubule	4	5
2126	JHU_Ag_17430	LKLGEIVTTIPTIGFNVETVEYK	40	AGAP012014-PA	Splice junction	3L:+:36310193-36310232,36310321-36310349;2R:+:29824157-29824225	Midgut	1	2
2127	JHU_Ag_5280	LKPAEVQPHVPQLPLDLSPEALAEEEEGTR	123	AGAP004742-PA	Splice junction	2L:-:3003067-3004274,3002532-3002536	Head	2	3
2128	JHU_Ag_71304	LKPAEVQPHVPQLPLDLSPEALAEEEEGTRK	72	AGAP004742-PA	Splice junction	2L:-:3003067-3004274,3002532-3002533	Head	2	3
2129	JHU_Ag_30106	LKPAEVQPHVPQLPLVTEPPR	66	AGAP004742-PB	Splice junction	2L:-:3003067-3004274,3001248-3001629	Malpighian tubule	2	3
2130	JHU_Ag_109711	LKPAEVQPHVPQLPLVTEPPRGFK	67	AGAP004742-PB	Splice junction	2L:-:3003067-3004274,3001248-3001620	Malpighian tubule	2	3
2131	JHU_Ag_54118	LKPEVLEDLKQNTEFSDAEIQEWYK	100	AGAP007247-PC	Splice junction	2L:+:44619862-44619910,44625548-44625573	Remaining organs	1	2
2132	JHU_Ag_11992	LKQLVSTFGTK	41	AGAP000022-PA	Splice junction	X:-:311507-311837,309966-310928	Malpighian tubule	3	4
2133	JHU_Ag_26580	LKQYEISDLNAQVNDLR	138	AGAP001053-PB,AGAP001053-PF	Splice junction,Splice junction	X:+:21354237-21354251,21364143-21364178;X:+:21354237-21354251,21364143-21364178	Remaining organs	3	4
2134	JHU_Ag_116164	LKYESLQNGRPLVETNGSPLPK	102	AGAP002828-PA	Splice junction	2R:+:28063821-28063825,28063927-28063987	Midgut	12	13
2135	JHU_Ag_11220	LLACISSRPGQVGR	58	AGAP002437-PA	Splice junction	2R:-:21382663-21383056,21382212-21382287	Salivary gland	3	4
2136	JHU_Ag_11273	LLALGHHTPFMHVGPAHNYR	104	AGAP008632-PA	Splice junction	3R:-:13777146-13777443,13775091-13777015	Midgut	2	3
2137	JHU_Ag_114051	LLANFVR	36	AGAP003361-PA	Splice junction	2R:+:36739473-36739492,36739983-36739983	Malpighian tubule	1	2
2138	JHU_Ag_15253	LLDPEDVDTNEPDEK	84	AGAP011396-PA	Splice junction	3L:-:23665401-23665665,23663676-23664356	Midgut	3	4
2139	JHU_Ag_75373	LLDQHFGTGLR	72	AGAP007162-PB	Splice junction	2L:-:43613157-43613226,43612742-43613040	Head	1	2
2140	JHU_Ag_91312	LLDQHFGTGLRADDLFSSFPAR	106	AGAP007162-PB	Splice junction	2L:-:43613157-43613226,43612742-43613007	Malpighian tubule	1	2
2141	JHU_Ag_51552	LLDQIGQGSYGLVK	33	AGAP002250-PA	Splice junction	2R:-:18107433-18109458,18105905-18106058	Malpighian tubule	1	2
2142	JHU_Ag_4857	LLEATQSADENNR	43	AGAP001799-PA,AGAP001799-PB	Splice junction,Splice junction	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	Salivary gland	1	2
2143	JHU_Ag_58495	LLEATQSADENNRMCK	78	AGAP001799-PA,AGAP001799-PB	Splice junction,Splice junction	2R:+:10593649-10593686,10593752-10593761;2R:+:10593649-10593686,10593752-10593761	Malpighian tubule	1	2
2144	JHU_Ag_86251	LLEDKDYVAVYWYAR	61	AGAP006452-PA,AGAP006452-PB	Splice junction,Splice junction	2L:+:32266884-32266920,32273469-32273476;2L:+:32266884-32266920,32273469-32273476	Remaining organs	1	2
2145	JHU_Ag_1082	LLEDKNGEVQNLAVK	58	AGAP009970-PA	residue overlap splice site	3R:+:46916846-46916890	Head	2	3

2146	JHU_Ag_1524	LLEELPVYK	61	AGAP005535-PA	Splice junction	2L:-:16693565-16694450,16692989-16693469	Ovary	1	2
2147	JHU_Ag_44121	LLEELPVYKELLR	31	AGAP005535-PA	Splice junction	2L:-:16693565-16694450,16692989-16693457	Malpighian tubule	1	2
2148	JHU_Ag_22371	LLEIIYELFQK	71	AGAP007299-PA	Splice junction	2L:-:45092138-45092534,45091915-45092035	Ovary	2	3
2149	JHU_Ag_8060	LLEQINICGPVK	67	AGAP003869-PA	Splice junction	2R:-:44714533-44714626,44706323-44706691	Larva	2	3
2150	JHU_Ag_16221	LLGELLLDRHNFTVMTK	68	AGAP000812-PA	Splice junction	X:+:14896722-14896760,14896844-14896855;3L:+:15805990-15806040	Salivary gland	4	5
2151	JHU_Ag_6954	LLGGDLTKFEK	52	AGAP002504-PA	Splice junction	2R:-:22066830-22066952,22066592-22066715	Malpighian tubule	4	5
2152	JHU_Ag_65849	LLGSLTAIK	52	AGAP004657-PA	Splice junction	2R:+:59570976-59570978,59571048-59571071	Midgut	1	2
2153	JHU_Ag_37526	LLHPDAMTLGNHEFDDGLK	82	AGAP011971-PA	Splice junction	3L:+:35698829-35698849,35698916-35698951	Head	2	3
2154	JHU_Ag_13500	LLHPDAMTLGNHEFDDGLKGLRPYLSALAK	56	AGAP011971-PA	Splice junction	3L:+:35698829-35698849,35698916-35698984	Salivary gland	2	3
2155	JHU_Ag_1894	LLIIGDSGVGK	54	AGAP003028-PA	Splice junction	2R:-:31247867-31247897,31246874-31247038	Ovary	1	2
2156	JHU_Ag_87381	LLILCTTSR	38	AGAP012537-PA	residue overlap splice site	UNKN:-:12587200-12587174	Malpighian tubule	2	3
2157	JHU_Ag_43727	LLILNIK	31	AGAP001619-PA	residue overlap splice site	2R:+:6861433-6861453	Ovary	1	2
2158	JHU_Ag_60783	LLILNIKR	55	AGAP001619-PA	Splice junction	2R:+:6861433-6861454,6874087-6874088	Ovary	1	2
2159	JHU_Ag_1157	LLITAIR	37	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:3000827-3000807;2L:-:3000827-3000807	Pupa	4	5
2160	JHU_Ag_12458	LLITAIREK	66	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:3000827-3000801;2L:-:3000827-3000801	Malpighian tubule	4	5
2161	JHU_Ag_38407	LLLENEHNPDVSSK	38	AGAP009937-PA	Splice junction	3R:+:45691933-45691944,45692471-45692500	Malpighian tubule	3	4
2162	JHU_Ag_3461	LLLGTPQPSSLPSATGSELSVSVPHTRPETPR	178	AGAP000380-PA	Splice junction	X:-:6905241-6905146	Malpighian tubule	4	5
2163	JHU_Ag_6411	LLLLGAGESGK	74	AGAP005773-PB,AGAP005773-PA,AGAP005904-PA	Splice junction,Splice junction,Splice junction	2L:-:20492876-20492981,20467433-20467456;2L:-:20469711-20469816,20467433-20467456;3L:+:37622069-37622101;2L:+:23576691-23576703,23589104-23589123;3R:+:33798566-33798598	Ovary	1	2
2164	JHU_Ag_98975	LLLLGTGESGK	53	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893	Head	1	2
2165	JHU_Ag_95490	LLMIELDKFTVNLNPGTNNIVR	56	AGAP004975-PA	Splice junction	2L:-:7442289-7442880,7441935-7442156	Pupa	4	5
2166	JHU_Ag_33948	LLNDVDLR	44	AGAP010164-PB,AGAP010164-PA	Splice junction,Splice junction	3R:+:49790018-49790026,49790098-49790112;3R:+:49790018-49790026,49790098-49790112	Salivary gland	8	9
2167	JHU_Ag_61162	LLNMVYNLKPEEQLQLFNQLK	73	AGAP007175-PA	Splice junction	2L:+:43856544-43856555,43856625-43856675	Head	7	8
2168	JHU_Ag_98324	LLQDAIMDNYFTR	112	AGAP006962-PA	Splice junction	2L:+:40275517-40275519,40275587-40275622	Salivary gland	2	3
2169	JHU_Ag_37849	LLQDHGIQVDYK	79	AGAP008849-PA	Splice junction	3R:-:19417189-19417249,19416983-19417022	Pupa	1	2
2170	JHU_Ag_58620	LLQEGFLAVGELDPLNR	60	AGAP000708-PA,AGAP000708-PB	Splice junction,Splice junction	X:+:12683702-12683713,12683823-12683861;X:+:12683702-12683713,12683823-12683861	Head	2	3
2171	JHU_Ag_58959	LLQEGFLAVGELDPLNRR	63	AGAP000708-PA,AGAP000708-PB	Splice junction,Splice junction	X:+:12683702-12683713,12683823-12683864;X:+:12683702-12683713,12683823-12683864	Remaining organs	2	3
2172	JHU_Ag_28268	LLQIAACPNQDPLEATTGLVPLLGIDVWEHAYYLQYK	84	AGAP010517-PA	Splice junction	3L:-:5582158-5582482,5581880-5581964	Ovary	3	4
2173	JHU_Ag_67555	LLQLDGDSFIAAVNAAFHKPMPR	77	AGAP000106-PA	Splice junction	X:+:1763926-1763976,1764050-1764067	Remaining organs	3	4
2174	JHU_Ag_8865	LLQSVGDHTVLGAR	68	AGAP003767-PA	Splice junction	2R:+:43120291-43120331,43123127-43123127	Midgut	1	2

2175	JHU_Ag_5279	LLQSYVEPMLIEGR	51	AGAP005364-PA	Splice junction	2L:+:14655762-14655780,14656393-14656415	Male reproductive organs	4	5
2176	JHU_Ag_56521	LLSDSAR	42	AGAP001884-PA	Splice junction	2R:-:11882497-11883634,11882152-11882401	Head	2	3
2177	JHU_Ag_49762	LLSHIGQESVRLPEGFNVHPHLQK	64	AGAP000551-PA	Splice junction	X:+:9860327-9860374,9860447-9860470	Malpighian tubule	3	4
2178	JHU_Ag_13827	LLSNGAVGIDFDDPSTTKPPSLAK	113	AGAP005807-PA,AGAP005807-PC	Splice junction,Splice junction	2L:+:21517634-21517656,21531406-21531454;2L:+:21517634-21517656,21531406-21531454	Head	1	2
2179	JHU_Ag_20917	LLTDNDLCSHR	66	AGAP009104-PA	Splice junction	3R:-:25632121-25632323,25631472-25631621	Larva	5	6
2180	JHU_Ag_30215	LLTHCNTGSLATAGYGTALGVIR	73	AGAP001589-PA	Splice junction	2R:-:6497615-6497724,6497464-6497489	Ovary	3	4
2181	JHU_Ag_27320	LLTTTEQLTQDGPTR	41	AGAP008718-PA	Splice junction	3R:+:16015405-16015434,16015514-16015528	Head	11	12
2182	JHU_Ag_35592	LLYLFNVFFDVNQSGEIDRK	38	AGAP004645-PA	Splice junction	2R:-:59020229-59020262,59017443-59017464	Malpighian tubule	1	2
2183	JHU_Ag_89656	LLYVVCVQPNLDEEHGDYLATVDVDPASPTYCQVIHR	131	AGAP011531-PA,AGAP012845-PA	Splice junction,Splice junction	3L:+:26869468-26869566,26869642-26869653;UNKN:-:33533704-33533769,33533159-33533519	Malpighian tubule	2	3
2184	JHU_Ag_12928	LMAPIAQAAPEPNPK	73	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049	Ovary	3	4
2185	JHU_Ag_44050	LMAPIAQAAPEPNPKK	78	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20938923-20938960,20939043-20939052;2R:+:20938923-20938960,20939043-20939052;2R:+:20938923-20938960,20939043-20939052;2R:+:20938923-20938960,20939043-20939052;2R:+:20938923-20938960,20939043-20939052	Male reproductive organs	3	4
2186	JHU_Ag_79774	LMLPNIFQYAAYIK	102	AGAP006963-PA	Splice junction	2L:-:40278531-40278588,40277817-40278395	Midgut	2	3
2187	JHU_Ag_20161	LMNPAPGSVER	47	AGAP006263-PA	Splice junction	2L:-:28772157-28772472,28771909-28772041	Head	3	4
2188	JHU_Ag_9054	LMPNDPGLEENMFLSNEPGYYK	42	AGAP001037-PA	Splice junction	X:-:19939334-19939593,19938858-19939134	Midgut	2	3
2189	JHU_Ag_19554	LMSLLR	40	AGAP007366-PA	Splice junction	2L:-:46088887-46088947,46088760-46088800	Malpighian tubule	1	2
2190	JHU_Ag_106392	LMSMIPQEEMQLVSEPLVK	98	AGAP004593-PA	residue overlap splice site	2R:+:58145383-58145439	Malpighian tubule	1	2
2191	JHU_Ag_34027	LMVHNWEYLGK	37	AGAP009486-PA	Splice junction	3R:+:34696402-34696418,34696508-34696523	Salivary gland	6	7
2192	JHU_Ag_49046	LMVHNWEYLGKQLEK	48	AGAP009486-PA	Splice junction	3R:+:34696402-34696418,34696508-34696535	Malpighian tubule	6	7
2193	JHU_Ag_31617	LNALITALGSR	87	AGAP004809-PA	Splice junction	2L:-:3794079-3794047	Pupa	4	5
2194	JHU_Ag_43877	LNDATYINR	75	AGAP009786-PA	Splice junction	3R:+:43285073-43285081,43285161-43285178	Malpighian tubule	5	6
2195	JHU_Ag_7190	LNDDMVCSVAGITSDANVLTNLLR	141	AGAP004960-PA	Splice junction	2L:-:7196788-7196986,7196408-7196642	Ovary	2	3
2196	JHU_Ag_6568	LNDEMIEFIK	48	AGAP006652-PA	Splice junction	2L:+:35691168-35691188,35691321-35691329	Male reproductive organs	5	6
2197	JHU_Ag_92234	LNDFEK	36	AGAP007638-PA	Splice junction	2L:-:48542077-48542316,48540332-48541985	Midgut	2	3
2198	JHU_Ag_105220	LNDFEKNFYLIGAR	97	AGAP007638-PA	Splice junction	2L:-:48542077-48542316,48540332-48541961	Ovary	2	3
2199	JHU_Ag_75527	LNDLISHEEIIGTINK	58	AGAP005144-PA	Splice junction	2L:+:10488261-10488300,10488426-10488433	Ovary	1	2
2200	JHU_Ag_39417	LNDLYQR	41	AGAP007868-PA	Splice junction	3R:+:2391709-2391714,2392029-2392043	Midgut	2	3
2201	JHU_Ag_5465	LNDNCVIEISNLR	50	AGAP005560-PA	Splice junction	2L:-:17034702-17036062,17034494-17034572	Ovary	2	3
2202	JHU_Ag_18028	LNEAFR	42	AGAP000815-PA	Splice junction	X:+:14937861-14937864,14937929-14937942	Pupa	1	2
2203	JHU_Ag_42629	LNEDPCFHGIIVQMPLDSETPIDAHLITDAVSPEKDVDGLNTINEGR	46	AGAP002830-PA	Splice junction	2R:-:28079190-28079199,28078648-28078970	Malpighian tubule	3	4
2204	JHU_Ag_65936	LNEKEAADPQGVK	52	AGAP001512-PA	Splice junction	2R:+:5730485-5730515,5730885-5730892	Malpighian tubule	1	2
2205	JHU_Ag_27053	LNENFLVDFGGEPYGPGLPHEMR	144	AGAP012893-PA	Splice junction	3L:+:26870737-26870805;UNKN:+:37133026-37133093,37133167-37133167	Malpighian tubule	1	2
2206	JHU_Ag_41437	LNFLESHSSEFNVTR	94	AGAP010451-PA	Splice junction	3L:-:3861669-3861939,3861140-3861553	Ovary	5	6
2207	JHU_Ag_91430	LNITSTYEYLETR	96	AGAP001550-PA	Splice junction	2R:+:6105081-6105104,6106263-6106277	Head	2	3
2208	JHU_Ag_19514	LNMIDDIR	47	AGAP003656-PA	residue overlap splice site	2R:+:41211982-41212005;2R:+:41211982-41212005	Malpighian tubule	47	48

2209	JHU_Ag_95451	LNNIFENTQTLQK	57	AGAP010723-PA	Splice junction	3L:+:8990199-8990221,8990293-8990308	Head	1	2
2210	JHU_Ag_14467	LNPRPGTVVDNVVTLPQR	71	AGAP009509-PA	residue overlap splice site	3R:+:34976215-34976267,34976338-34976338	Midgut	5	6
2211	JHU_Ag_58939	LNQFFEGIQVR	65	AGAP012417-PA	Splice junction	3L:-:41831607-41832112,41831176-41831497	Midgut	2	3
2212	JHU_Ag_5173	LNQWNNVVR	54	AGAP002945-PA	residue overlap splice site	2R:-:30001702-30003820,30000490-30001582	Midgut	4	5
2213	JHU_Ag_28033	LNRIYGWQPEFYEDVDDLPTDMPDDLASHIR	73	AGAP007790-PB,AGAP007790-PD	Splice junction,Splice junction	3R:-:873449-873622,873108-873295;3R:-:873449-873622,873108-873295	Malpighian tubule	3	4
2214	JHU_Ag_32496	LNSGVDYR	41	AGAP005314-PA	residue overlap splice site	2L:-:14018585-14018562	Ovary	1	2
2215	JHU_Ag_13318	LNTGDCLSTHHVPDSIQWVPQCDSR	60	AGAP005942-PA,AGAP005942-PB	Splice junction,Splice junction	2L:-:23923455-23923788,23923159-23923283;2L:-:23923455-23923788,23923159-23923283	Midgut	1	2
2216	JHU_Ag_44556	LNTPQTGGTVTAEVK	43	AGAP004335-PB,AGAP004335-PA	Splice junction,Splice junction	2R:+:54800905-54800938,54816035-54816045;2R:+:54800905-54800938,54816035-54816045	Larva	3	4
2217	JHU_Ag_45116	LNVNDGVQLWVNYGCPPNK	94	AGAP002457-PA	Splice junction	2R:-:21586476-21587147,21586201-21586351	Pupa	2	3
2218	JHU_Ag_34632	LPACVIDVGTGYTK	44	AGAP005110-PA	Splice junction	2L:+:10204333-10204364,10204524-10204533	Remaining organs	1	2
2219	JHU_Ag_18794	LPASFIEANPTESGQVPSDHLQSTTR	132	AGAP001787-PA	Splice junction	2R:+:10480359-10480406,10480486-10480515	Ovary	1	2
2220	JHU_Ag_32022	LPCIFVCENNGYGMGTSAER	70	AGAP003030-PA	Splice junction	2R:-:31253136-31253664,31252837-31252992	Remaining organs	3	4
2221	JHU_Ag_11714	LPDADTKNFLFQQTMYR	99	AGAP012071-PA,AGAP012072-PA	Splice junction,Splice junction	3L:-:37391297-37391342,37390525-37390719;3L:-:37401256-37401304,37400486-37400680	Malpighian tubule	1	2
2222	JHU_Ag_110242	LPDLENQASDDGSNAGGR	64	AGAP002569-PA	Splice junction	2R:+:23002444-23002465,23002728-23002759	Larva	2	3
2223	JHU_Ag_70796	LPDNLDIEALNSELPEDIR	105	AGAP002409-PA	Splice junction	2R:-:20979179-20979728,20978294-20979044	Midgut	1	2
2224	JHU_Ag_4118	LPEGFNVHPHLQK	66	AGAP000551-PA	Splice junction	X:+:9860360-9860374,9860447-9860470	Malpighian tubule	3	4
2225	JHU_Ag_23740	LPEHTASAPVDEETTVHIIGPFFSVQSAQR	130	AGAP012103-PA	Splice junction	3L:-:37668725-37668797,37666359-37666548	Malpighian tubule	3	4
2226	JHU_Ag_12355	LPEHTASAPVDEETTVHIIGPFFSVQSAQRR	130	AGAP012103-PA	Splice junction	3L:-:37668725-37668797,37666359-37666545	Malpighian tubule	3	4
2227	JHU_Ag_6693	LPENVVAVPDVVEAAK	99	AGAP007593-PB,AGAP007593-PA	Splice junction,Splice junction	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	Pupa	2	3
2228	JHU_Ag_74953	LPENVVAVPDVVEAAKDADILIFVVPHQFIR	82	AGAP007593-PB,AGAP007593-PA	Splice junction,Splice junction	2L:-:48093201-48093364,48090471-48090973;2L:-:48093201-48093364,48090471-48090973	Pupa	2	3
2229	JHU_Ag_5815	LPFIIVGDDKGTTITLK	80	AGAP008689-PA	Splice junction	3R:+:14886867-14886895,14890592-14890613	Male reproductive organs	9	10
2230	JHU_Ag_44470	LPGALTK	32	AGAP002316-PA	Splice junction	2R:-:19265119-19265273,19256780-19256968	Pupa	2	3
2231	JHU_Ag_30808	LPGGYVEPNENFIDAAIR	107	AGAP012590-PA,AGAP012857-PA	Splice junction,Splice junction	UNKN:+:18230098-18230122,18230200-18230228;UNKN:-:34395413-34395602,34394986-34395283	Remaining organs	3	4
2232	JHU_Ag_40177	LPGTIYTAAAEIEAAGGK	51	AGAP012514-PA	Splice junction	UNKN:+:9870424-9870457,9870528-9870547	Larva	1	2
2233	JHU_Ag_25169	LPIGVQIVAAPGQDHLIFAVAK	66	AGAP001699-PA,AGAP001699-PB	Splice junction,Splice junction	2R:+:8790444-8790461,8790539-8790586;2R:+:8790444-8790461,8790539-8790586	Head	2	3
2234	JHU_Ag_16304	LPNAVVIPHLGSATVQTR	119	AGAP009610-PA	Splice junction	3R:+:37003279-37003291,37003381-37003421	Head	2	3
2235	JHU_Ag_17229	LPQSQSGSDICSPLIQDDGDGK	108	AGAP000941-PA,AGAP000941-PB	Splice junction,Splice junction	X:-:18244902-18244936,18244471-18244750;X:-:18244902-18244936,18244471-18244750	Malpighian tubule	2	3
2236	JHU_Ag_82128	LPQSQSGSDICSPLIQDDGDGKVLK	174	AGAP000941-PA,AGAP000941-PB	Splice junction,Splice junction	X:-:18244902-18244936,18244471-18244741;X:-:18244902-18244936,18244471-18244741	Malpighian tubule	2	3
2237	JHU_Ag_97525	LPQTFWEK	41	AGAP009754-PA	Splice junction	3R:+:42367579-42367586,42367669-42367684	Male reproductive organs	3	4

2238	JHU_Ag_99055	LPSISLLLNDILK	28	AGAP005796-PA	residue overlap splice site	2L:-:20954607-20954976,20954319-20954469	Malpighian tubule	11	12
2239	JHU_Ag_20286	LPSTFWEK	39	AGAP009752-PA	Splice junction	3R:+:42364965-42364972,42365032-42365047	Pupa	3	4
2240	JHU_Ag_87048	LPTVLAKNALSAVR	33	AGAP010429-PA	Splice junction	3L:+:3189412-3189447,3189958-3189963	Salivary gland	1	2
2241	JHU_Ag_13914	LPVPFGLVR	30	AGAP005419-PA	Splice junction	2L:+:15363649-15363674,15363748-15363748	Pupa	1	2
2242	JHU_Ag_4968	LPVVADFIEQYAPGLPK	74	AGAP009823-PA	Splice junction	3R:+:43814983-43815003,43815092-43815121	Salivary gland	5	6
2243	JHU_Ag_45773	LPVVADFIEQYAPGLPKK	82	AGAP009823-PA	Splice junction	3R:+:43814983-43815003,43815092-43815124	Midgut	5	6
2244	JHU_Ag_27236	LQACSAYEYLEK	76	AGAP004199-PA	Splice junction	2R:-:51701154-51701352,51700675-51701004	Male reproductive organs	2	3
2245	JHU_Ag_48555	LQARPEIAEWSQMTYSIR	92	AGAP009387-PA	Splice junction	UNKN:+:23086584-23086635,23086706-23086707;3R:-:31916611-31916690,31916188-31916488	Male reproductive organs	3	4
2246	JHU_Ag_11531	LQCDDDPPHAYSQTFVLKPIGASFFCAHDIFR	72	AGAP000498-PA	Splice junction	X:+:8763112-8763117,8764149-8764238	Head	3	4
2247	JHU_Ag_25222	LQDPEELCRPSPCGSNTQCNVINGVPTCSCLPGYIGSPLSGCR	35	AGAP003027-PA	Splice junction	2R:+:31240982-31240994,31242377-31242400	Head	5	6
2248	JHU_Ag_24566	LQDSEDSDLWR	42	AGAP003604-PA	Splice junction	2R:-:40450305-40450538,40449336-40450043	Head	2	3
2249	JHU_Ag_4529	LQFPSQDELTLESFR	92	AGAP008987-PA	Splice junction	3R:+:22710145-22710182,22710409-22710415	Head	4	5
2250	JHU_Ag_13657	LQGAATDTDLIEYR	74	AGAP008287-PB	Splice junction	3R:+:8579660-8579687,8579779-8579792	Midgut	2	3
2251	JHU_Ag_19748	LQGDYGLSDLCQQK	81	AGAP009176-PA	Splice junction	3R:+:28150073-28150099,28150200-28150214	Remaining organs	6	7
2252	JHU_Ag_74531	LQHEVLK	42	AGAP003692-PA	Splice junction	2R:-:42049560-42050850,42049194-42049452	Midgut	5	6
2253	JHU_Ag_31251	LQIWDTAGQER	70	AGAP005255-PA,AGAP004146-PA,AGAP001211-PA	Splice junction,Splice junction,Splice junction	2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;3R:-:10564473-10564441;2R:-:51856550-51856518;2R:-:50737849-50737888,50737531-50737735;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	Salivary gland	1	2
2254	JHU_Ag_81921	LQLWDIAGQER	82	AGAP007654-PA	Splice junction	2L:+:48776386-48776407,48776490-48776500	Malpighian tubule	1	2
2255	JHU_Ag_41920	LQPDDEALQPYR	89	AGAP002008-PA	residue overlap splice site	2R:+:13837114-13837148,13837212-13837212	Malpighian tubule	2	3
2256	JHU_Ag_97032	LQQMLK	35	AGAP000943-PD	Splice junction	X:-:18256611-18256713,18255347-18255419	Salivary gland	5	6
2257	JHU_Ag_2796	LQQQQLLR	34	AGAP000029-PA	Splice junction	X:-:381778-381755	Midgut	8	9
2258	JHU_Ag_84686	LQQTQAQVDEVVDIMK	150	AGAP005507-PB,AGAP005507-PC	Splice junction,Splice junction	2L:+:16374402-16374431,16374503-16374520;2L:+:16374402-16374431,16374503-16374520	Head	2	3
2259	JHU_Ag_17277	LQSCGTGYTLNAETGHCDDDDECALGR	102	AGAP011322-PA	Splice junction	3L:-:21053912-21053998,21053487-21053731	Malpighian tubule	8	9
2260	JHU_Ag_10151	LQSEEVEVTFVR	65	AGAP003212-PA	Splice junction	2R:-:33990776-33990962,33989708-33990023	Male reproductive organs	1	2
2261	JHU_Ag_29447	LQSLTFQNITR	63	AGAP000498-PA	Splice junction	X:+:8762918-8762923,8763019-8763045	Midgut	2	3
2262	JHU_Ag_24272	LQTFLIQK	33	AGAP000410-PA	Splice junction	X:+:7360055-7360060,7360158-7360175	Head	4	5
2263	JHU_Ag_92709	LQTGPVALDLADER	74	AGAP000376-PA	Splice junction	X:+:6871303-6871319,6872369-6872393	Ovary	1	2
2264	JHU_Ag_1391	LQTHPENGLSHAK	62	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Splice junction,Splice junction,Splice junction	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	Remaining organs	1	2
2265	JHU_Ag_27813	LQTPIASLHCPR	83	AGAP009790-PA	Splice junction	3R:-:43303817-43304182,43300957-43301319	Head	2	3
2266	JHU_Ag_95674	LQVEVQPATIYGGFAR	130	AGAP010024-PA	Splice junction	3R:+:47940877-47940901,47941005-47941027	Salivary gland	13	14
2267	JHU_Ag_14946	LQVHFHSDIIYTDNPTIVQSGR	61	AGAP009554-PA	Splice junction	3R:-:36086911-36087118,36086546-36086748	Head	11	12
2268	JHU_Ag_61436	LQVTDITASIVHCLATPPEVR	119	AGAP004103-PA	residue overlap splice site	2R:+:49767819-49767881	Head	3	4
2269	JHU_Ag_25739	LQYEDDAKYVVVAGITPTPLGEGK	38	AGAP002830-PA	Splice junction	2R:-:28077710-28077843,28075443-28076850	Malpighian tubule	6	7
2270	JHU_Ag_13	LRDGITLTLSTLVDGK	50	AGAP009833-PA	Splice junction	3R:+:44050258-44050267,44050368-44050405	Remaining organs	3	4

2271	JHU_Ag_21161	LRDIEILCQDDEQSQSPFVQK	55	AGAP004886-PB,AGAP004886-PA	Splice junction,Splice junction	2L:-:4956797-4956988,4956618-4956645;2L:-:4956797-4956988,4956618-4956645	Salivary gland	3	4
2272	JHU_Ag_101541	LRDVLQQLYGHLDGSAASSGGNADNVDIPGLGFGQSEYFPYVYYK	181	AGAP005845-PA	Splice junction	2L:-:22427826-22427890,22427582-22427615	Malpighian tubule	7	8
2273	JHU_Ag_45890	LRELIQQEK	52	AGAP009377-PA,AGAP009365-PA	Splice junction,Splice junction	3R:+:31854646-31854664,31854780-31854787;3R:+:31804660-31804678,31804791-31804798	Male reproductive organs	1	2
2274	JHU_Ag_1150	LRNFLLGR	50	AGAP003900-PA	Splice junction	2R:+:45717571-45717591,45717696-45717698	Remaining organs	1	2
2275	JHU_Ag_21225	LRPHFFDVCKPR	40	AGAP012445-PA	Splice junction	UNKN:+:1239400-1239420,1241724-1241738	Malpighian tubule	3	4
2276	JHU_Ag_11361	LRPLSYPNTDCFLICYSISNR	53	AGAP003092-PE	Splice junction	2R:+:32413787-32413810,32413913-32413951	Malpighian tubule	1	2
2277	JHU_Ag_22137	LRVEGENTTLNEYETK	56	AGAP006613-PB,AGAP006613-PA	Splice junction,Splice junction	2L:+:34736374-34736394,34736481-34736507;2L:+:34736374-34736394,34736481-34736507	Head	5	6
2278	JHU_Ag_85598	LRYMILNPK	48	AGAP010147-PK	Splice junction	3R:+:49470507-49470511,49471330-49471351	Malpighian tubule	8	9
2279	JHU_Ag_52673	LSAALLDEDDVR	50	AGAP000482-PA	Splice junction	X:-:8438993-8439280,8438721-8438871	Ovary	2	3
2280	JHU_Ag_14070	LSAQIHEFNDICWDK	70	AGAP010606-PA	Splice junction	3L:-:7139743-7139833,7139493-7139631	Remaining organs	1	2
2281	JHU_Ag_85	LSDASPVGSISSAEIANEFSGLSAEEQTAQREEWSQELAR	107	AGAP004868-PA	Splice junction	2L:-:4682241-4682255,4681898-4682047	Salivary gland	2	3
2282	JHU_Ag_114056	LSDHSYVALVTLNGNLAR	37	AGAP003823-PB	Splice junction	2R:+:43792405-43792411,43792518-43792564	Ovary	6	7
2283	JHU_Ag_54253	LSDLLDWRNLGIYYR	87	AGAP002586-PA	Splice junction	2R:-:23292471-23293776,23292222-23292352	Malpighian tubule	3	4
2284	JHU_Ag_423	LSEASAAADESER	106	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10564789-10564789	Midgut	2	3
2285	JHU_Ag_65368	LSEASAAADESERAR	96	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	Splice junction,Splice junction,Splice junction	2R:+:10563117-10563154,10564789-10564795;2R:+:10563117-10563154,10564789-10564795;2R:+:10563117-10563154,10564789-10564795	Malpighian tubule	2	3
2286	JHU_Ag_112546	LSEASAAADESERIR	92	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	Splice junction,Splice junction,Splice junction	2R:+:10563117-10563154,10563562-10563568;2R:+:10563117-10563154,10563562-10563568;2R:+:10563117-10563154,10563562-10563568	Malpighian tubule	2	3
2287	JHU_Ag_8136	LSEMLLGPVPEGFNFVPK	54	AGAP009171-PA	Splice junction	3R:+:28117176-28117180,28117252-28117300	Ovary	3	4
2288	JHU_Ag_19873	LSEVEPSVLLLLSGPNSDSGSVAKPAYFK	150	AGAP004775-PA	Splice junction	2L:-:3412066-3412078,3408287-3408298	Malpighian tubule	3	4
2289	JHU_Ag_87833	LSEVQVK	36	AGAP006923-PA	Splice junction	2L:-:40044866-40045090,40044234-40044774	Pupa	2	3
2290	JHU_Ag_28820	LSGLENGLLGLNSR	41	AGAP009331-PA	Splice junction	3R:+:31496595-31496636	Head	6	7
2291	JHU_Ag_44642	LSHNQIGELSAVALQALTK	47	AGAP001004-PA	Splice junction	X:-:19059803-19061021,19058118-19059675	Ovary	1	2
2292	JHU_Ag_97384	LSIHNPEK	54	AGAP003610-PA	Splice junction	2R:-:40492960-40493112,40492031-40492830	Remaining organs	5	6
2293	JHU_Ag_503	LSIHNPEKLDGGK	69	AGAP003610-PA	Splice junction	2R:-:40492960-40493112,40492031-40492815	Remaining organs	5	6
2294	JHU_Ag_26525	LSLIFANQTEDDILLKPELDDLAAR	64	AGAP011300-PA	Splice junction	3L:+:20701375-20701398,20701489-20701539	Salivary gland	3	4
2295	JHU_Ag_14204	LSLPVAYEGDAGR	68	AGAP007562-PA	Splice junction	2L:+:47617421-47617445,47617533-47617546	Remaining organs	15	16
2296	JHU_Ag_101076	LSLPVTCANTFITEQEK	77	AGAP010750-PA	Splice junction	3L:+:9802493-9802530,9802600-9802612	Head	12	13
2297	JHU_Ag_97829	LSNAALQAELVDILK	46	AGAP002404-PA	Splice junction	2R:+:20972506-20972526,20972612-20972635	Head	3	4
2298	JHU_Ag_13380	LSNINAAK	49	AGAP009505-PA	residue overlap splice site	3R:-:34965554-34965531	Malpighian tubule	1	2
2299	JHU_Ag_47595	LSNISHSLSVNQELSR	88	AGAP007683-PA	Splice junction	2L:-:49007455-49008646,49006698-49007328	Salivary gland	2	3
2300	JHU_Ag_96585	LSPDMSGIAGALAQLHLGEAK	45	AGAP007724-PA	Splice junction	2L:+:49311735-49311749,49315305-49315352	Remaining organs	4	5
2301	JHU_Ag_3282	LSPDMSGLAGALANVTLGEPR	95	AGAP007724-PC	Splice junction	2L:+:49311735-49311749,49312906-49312953	Remaining organs	4	5
2302	JHU_Ag_2014	LSPDWCFIDSCTAER	102	AGAP000519-PA	Splice junction	X:+:9257341-9257368,9257478-9257494	Head	10	11
2303	JHU_Ag_87635	LSPHHVVEPYAVNRPR	73	AGAP009730-PA	Splice junction	3R:-:41855333-41855286	Head	10	11
2304	JHU_Ag_9567	LSPLDPSSYSNAQELIIR	76	AGAP009907-PA	Splice junction	3R:-:45189149-45189245,45188873-45188972	Head	1	2

2305	JHU_Ag_115752	LSQQMGAK	41	AGAP005775-PA	residue overlap splice site	2L:+:20498487-20498510	Midgut	1	2
2306	JHU_Ag_1356	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEKK	174	AGAP003025-PB	residue overlap splice site	2R:-:31233927-31233835	Malpighian tubule	1	2
2307	JHU_Ag_28242	LSSPTYGDLNHLVSVTMSGVTTCLR	76	AGAP005293-PB	Splice junction	2L:+:13795148-13795189,13795677-13795709	Male reproductive organs	4	5
2308	JHU_Ag_1271	LSTFFESCGVADLITTCYGGR	94	AGAP007593-PB,AGAP007593-PA	Splice junction,Splice junction	2L:-:48090525-48091050,48090235-48090381;2L:-:48090525-48091050,48090235-48090381	Salivary gland	3	4
2309	JHU_Ag_68556	LSTSGDTLYQTLGLQK	77	AGAP007620-PA	Splice junction	2L:-:48353010-48353025,48351600-48351696	Head	1	2
2310	JHU_Ag_41794	LSVDNQFHIDLQVRPTK	42	AGAP012343-PA	Splice junction	3L:+:40797037-40797073,40797151-40797164	Head	3	4
2311	JHU_Ag_18024	LSVVLNAVNHTLGYHHNTPK	50	AGAP002356-PA	Splice junction	2R:-:20593952-20594284,20593242-20593830	Male reproductive organs	2	3
2312	JHU_Ag_22472	LTALGRPQLLLQVSEVIMQAR	134	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44671172-44671201,44671288-44671320;2R:+:44671172-44671201,44671288-44671320	Remaining organs	5	6
2313	JHU_Ag_37773	LTALGRPQLLLQVSEVIMQARR	82	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44671172-44671201,44671288-44671323;2R:+:44671172-44671201,44671288-44671323	Malpighian tubule	5	6
2314	JHU_Ag_43278	LTDLNESYK	35	AGAP009648-PA	Splice junction	3R:+:37604342-37604361,37604438-37604444	Malpighian tubule	1	2
2315	JHU_Ag_100575	LTDLNESYKAK	39	AGAP009648-PA	Splice junction	3R:+:37604342-37604361,37604438-37604450	Malpighian tubule	1	2
2316	JHU_Ag_30583	LTEMGYPEQSAR	49	AGAP000733-PA	Splice junction	X:+:13412677-13412683,13412863-13412891	Ovary	1	2
2317	JHU_Ag_18660	LTEPVPSDIEIAR	48	AGAP002830-PA	Splice junction	2R:-:28077959-28078171,28077670-28077825	Malpighian tubule	5	6
2318	JHU_Ag_98229	LTGKHETSSIHDFNAGVANR	108	AGAP002355-PB,AGAP002355-PA	Splice junction,Splice junction	2R:+:20590821-20590866,20590928-20590941;2R:+:20590821-20590866,20590928-20590941	Head	3	4
2319	JHU_Ag_17882	LTGNPYQCNGLESIPDK	144	AGAP006630-PA	Splice junction	2L:+:34793242-34793268,34793343-34793366	Malpighian tubule	2	3
2320	JHU_Ag_66131	LTIATSTTSTK	61	AGAP006226-PA	Splice junction	2L:+:28542423-28542432,28542499-28542521	Malpighian tubule	4	5
2321	JHU_Ag_34701	LTKPFYHTAVGDYEPETSITVFR	37	AGAP013167-PA	Splice junction	2R:+:15146331-15146377,15146447-15146468	Midgut	4	5
2322	JHU_Ag_39624	LTLDNAYR	43	AGAP006630-PA	Splice junction	2L:+:34793015-34793029,34793182-34793190	Malpighian tubule	1	2
2323	JHU_Ag_9674	LTLVEAGGK	51	AGAP006220-PA	Splice junction	2L:+:28514993-28515002,28515077-28515093	Midgut	5	6
2324	JHU_Ag_48748	LTNCHSSGCERPFSVQK	71	AGAP009598-PA	Splice junction	3R:-:36880750-36880700	Head	13	14
2325	JHU_Ag_109099	LTNLILDQIER	77	AGAP008019-PA	Splice junction	3R:+:4322932-4322939,4323001-4323025	Male reproductive organs	5	6
2326	JHU_Ag_48890	LTPCTPSPCGPNAECR	48	AGAP010023-PA	Splice junction	3R:+:47890392-47890439	Salivary gland	12	13
2327	JHU_Ag_85347	LTQTLRDEGLDPETMEFEIAAGK	48	AGAP001298-PA	Splice junction	2R:+:2648386-2648394,2648555-2648614	Malpighian tubule	1	2
2328	JHU_Ag_26611	LTSEKIEMAVLTR	76	AGAP004960-PA	Splice junction	2L:-:7196234-7196342,7195996-7196122	Male reproductive organs	4	5
2329	JHU_Ag_8646	LTSFGGHGYSHILNNVLMR	132	AGAP011061-PA	Splice junction	3L:+:15809125-15809127,15809198-15809251	Malpighian tubule	1	2
2330	JHU_Ag_10696	LTSPGGAEYLIITPDR	102	AGAP002331-PA	Splice junction	2R:-:19954619-19954759,19954166-19954481	Salivary gland	7	8
2331	JHU_Ag_4909	LTTFELK	30	AGAP010895-PA	Splice junction	3L:+:12739408-12739416,12739496-12739507	Head	4	5
2332	JHU_Ag_65573	LTVEIFVPSAQVGR	38	AGAP012103-PA	Splice junction	3L:-:37668895-37669163,37668648-37668789	Salivary gland	2	3
2333	JHU_Ag_37821	LTVHPIDRDAEQNELYTFTIVAYK	43	AGAP002828-PA	Splice junction	2R:+:28060956-28061012,28061089-28061103	Midgut	5	6
2334	JHU_Ag_101781	LTVQHDPLPAGFQEVHIVK	36	AGAP000054-PA	Splice junction	X:+:878611-878649,879553-879570	Head	12	13
2335	JHU_Ag_73250	LTYAAVLDK	49	AGAP008557-PA	residue overlap splice site	3R:-:12709424-12709398	Malpighian tubule	2	3
2336	JHU_Ag_72887	LTYNFIIETK	76	AGAP003778-PA	Splice junction	2R:+:43157467-43157469,43157548-43157574	Remaining organs	1	2
2337	JHU_Ag_95893	LVAGEGDNCRDVIQCTSSGLQAIR	114	AGAP011936-PA	Splice junction	3L:+:35359361-35359414,35359526-35359543	Pupa	2	3
2338	JHU_Ag_85297	LVANMLSVAGADHIITMDLHASQIQGFFDIPVDNLYAEPAVLK	128	AGAP004890-PA,AGAP004890-PB	Splice junction,Splice junction	2L:+:4984573-4984647,4984731-4984784;2L:+:4984573-4984647,4984731-4984784	Ovary	5	6
2339	JHU_Ag_3554	LVDDSYNNLVSEEDNK	135	AGAP007963-PA	Splice junction	3R:+:3375128-3375160,3375302-3375316	Head	4	5
2340	JHU_Ag_17777	LVDDSYNNLVSEEDNKK	150	AGAP007963-PA	Splice junction	3R:+:3375128-3375160,3375302-3375319	Male reproductive organs	4	5

2341	JHU_Ag_59704	LVDFGFAK	41	AGAP009798-PA	Splice junction	3R:-:19884672-19884649;3R:-:43565651-43565880,43565216-43565545	Salivary gland	7	8
2342	JHU_Ag_17673	LVDNGFHPEVFEVVGGQLTASIDR	77	AGAP005861-PB	Splice junction	2L:+:22642143-22642146,22642236-22642303	Remaining organs	1	2
2343	JHU_Ag_28145	LVFLGEQSVGK	67	AGAP011363-PA	Splice junction	3L:-:22014700-22014745,22012680-22012731	Head	1	2
2344	JHU_Ag_12784	LVGANTENDHQNQYSVIQGQVCDVCDPNDPDK	111	AGAP004993-PA	Splice junction	2L:+:7594560-7594619,7594691-7594726	Head	1	2
2345	JHU_Ag_33562	LVGCVCEEDQTYVQWMWLHQGQPK	125	AGAP008724-PA	Splice junction	3R:-:16068354-16068512,16068036-16068087	Midgut	3	4
2346	JHU_Ag_37971	LVGDDLLEFHQAVVSTLR	77	AGAP003735-PA	Splice junction	2R:+:42727532-42727538,42727625-42727671	Head	3	4
2347	JHU_Ag_4222	LVGDVDFEEVR	62	AGAP004677-PB,AGAP004677-PA	Splice junction,Splice junction	2L:-:157703-158297,157496-157616;2L:-:157703-158297,157496-157616	Head	2	3
2348	JHU_Ag_5063	LVGPNCPGIIAPEQCK	84	AGAP001312-PA,AGAP001312-PB	Splice junction,Splice junction	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	Midgut	2	3
2349	JHU_Ag_1424	LVGYTSNQSHSSVER	112	AGAP009091-PB,AGAP009091-PA	Splice junction,Splice junction	3R:-:25555131-25555362,25554165-25555011;3R:-:25555131-25555362,25554165-25555011	Pupa	4	5
2350	JHU_Ag_113236	LVHVGVK	35	AGAP002414-PA	residue overlap splice site	2R:-:21039812-21039792	Head	3	4
2351	JHU_Ag_126	LVIIANNTPHLR	65	AGAP003816-PA	Splice junction	2R:-:43730336-43730447,43729787-43729970	Ovary	2	3
2352	JHU_Ag_15395	LVIIANNTPHLRK	38	AGAP003816-PA	Splice junction	2R:-:43730336-43730447,43729787-43729967	Male reproductive organs	2	3
2353	JHU_Ag_51489	LVLATTLHEDGTAASMEYNAAEIEGSR	110	AGAP012397-PA	Splice junction	3L:-:41720863-41721034,41720478-41720679	Ovary	1	2
2354	JHU_Ag_15930	LVNEFDYTAATGLQMLQK	172	AGAP003587-PA	Splice junction	2R:-:40355645-40356587,40355281-40355521	Malpighian tubule	3	4
2355	JHU_Ag_61491	LVNLPDNK	48	AGAP000534-PB,AGAP000534-PA	Splice junction,Splice junction	X:+:9564033-9564041,9564113-9564127;X:+:9564033-9564041,9564113-9564127	Midgut	4	5
2356	JHU_Ag_911	LVNVITDFHHNTPSIADIPQCPNVDPFNFER	47	AGAP002501-PA	Splice junction	2R:+:22050692-22050740,22050830-22050873	Ovary	1	2
2357	JHU_Ag_725	LVPFAIGDISESSYK	60	AGAP008364-PA	Splice junction	3R:-:10073359-10073525,10072880-10073210	Malpighian tubule	2	3
2358	JHU_Ag_8265	LVPGKKPNANHPAPQPEFAYR	75	AGAP006260-PD,AGAP006260-PA	Splice junction,Splice junction	2L:-:28709682-28709809,28709272-28709362;2L:-:28709682-28709809,28709272-28709362	Male reproductive organs	6	7
2359	JHU_Ag_26618	LVPITSAAGHPYHPFENEEF	51	AGAP011050-PA	Splice junction	3L:-:15774566-15775385,15774210-15774213	Head	2	3
2360	JHU_Ag_76403	LVPLEYEDGRGQADTPIGTANSTPAGSAPK	44	AGAP004546-PA	Splice junction	2R:+:57518338-57518350,57518436-57518512	Ovary	4	5
2361	JHU_Ag_90586	LVQITGPNEEKINYAK	40	AGAP009496-PA	Splice junction	3R:+:34739077-34739114,34739188-34739197	Malpighian tubule	5	6
2362	JHU_Ag_92259	LVQLESVETLGESMPLHEPDDALLK	69	AGAP001481-PA	Splice junction	2R:+:5408795-5408810,5408869-5408927	Head	1	2
2363	JHU_Ag_8641	LVQSNETEQLVK	66	AGAP004747-PA	residue overlap splice site	2L:-:3034992-3034957	Head	3	4
2364	JHU_Ag_37839	LVQSNETEQLVKR	76	AGAP004747-PA	Splice junction	2L:-:3034992-3035628,3034544-3034880	Malpighian tubule	3	4
2365	JHU_Ag_112340	LVSANLDEGNLSMVDPVTK	141	AGAP005948-PA	Splice junction	2L:+:23986651-23986694,23987330-23987342	Midgut	4	5
2366	JHU_Ag_12055	LVSSNEIEPPPHSVFPSDQAADVVR	93	AGAP009224-PA	Splice junction	3R:+:28888677-28888694,28888772-28888828	Male reproductive organs	3	4
2367	JHU_Ag_113397	LVSSNEIEPPPHSVFPSDQAADVVRK	103	AGAP009224-PA	Splice junction	3R:+:28888677-28888694,28888772-28888831	Malpighian tubule	3	4
2368	JHU_Ag_89118	LVVTNPTTYKPVTIMELVETNICESK	70	AGAP012952-PA	Splice junction	2R:+:52984912-52984959,52985046-52985075	Ovary	2	3
2369	JHU_Ag_55809	LVVWGSNSYISDTEANIYEGIR	71	AGAP003440-PA	Splice junction	2R:+:37764681-37764738,37764812-37764819	Remaining organs	1	2
2370	JHU_Ag_81486	LVWVPHESQGFVAASIK	74	AGAP007523-PA,AGAP007523-PB	Splice junction,Splice junction	2L:+:47150099-47150125,47154856-47154879;2L:+:47150099-47150125,47154856-47154879	Salivary gland	1	2
2371	JHU_Ag_62634	LVYEIILERPHSETINTSYSLYR	132	AGAP004812-PA	Splice junction	2L:-:3806964-3807107,3806744-3806825	Head	2	3
2372	JHU_Ag_21228	LWLTNNAPASK	83	AGAP008060-PA	Splice junction	3R:+:4936660-4936664,4936744-4936771	Malpighian tubule	2	3
2373	JHU_Ag_94154	LYDFVDNNPFIEMLEINYVNNVGIISR	197	AGAP004396-PA	Splice junction	2R:-:55599075-55599839,55598690-55598910	Malpighian tubule	2	3

2374	JHU_Ag_59510	LYDIFK	33	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	Splice junction,Splice junction,Splice junction,Splice junction	X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555	Salivary gland	4	5
2375	JHU_Ag_4147	LYDISSSMVEDQGFLDQLK	84	AGAP001267-PA	Splice junction	2R:+:2129421-2129444,2129520-2129552	Head	3	4
2376	JHU_Ag_2807	LYDKNEDGTMLLAELTHSLTALGER	228	AGAP001569-PA,AGAP001569-PB	Splice junction,Splice junction	2R:+:6334400-6334466,6334560-6334567;2R:+:6334400-6334466,6334560-6334567	Midgut	3	4
2377	JHU_Ag_13885	LYEHGVEYFLHAIK	84	AGAP000625-PA	residue overlap splice site	X:+:11264130-11264171	Ovary	1	2
2378	JHU_Ag_7233	LYENLQANNNDLTSYITR	125	AGAP005845-PA	Splice junction	2L:-:22433305-22433431,22428636-22428797	Pupa	2	3
2379	JHU_Ag_96330	LYFEVVSVNSHNIR	91	AGAP011939-PA	residue overlap splice site	3L:-:35408098-35408057	Midgut	2	3
2380	JHU_Ag_22769	LYGHLVSTYESASTR	97	AGAP002370-PA	Splice junction	2R:+:20757051-20757095	Head	5	6
2381	JHU_Ag_21767	LYGSPFPTAAAINGHAPAGGCLLSLCCEYR	185	AGAP010130-PB	Splice junction	3R:-:49266298-49266406,49265719-49266136	Head	2	3
2382	JHU_Ag_60275	LYHGVINVADKFVPNALRPLWNHAAGPK	82	AGAP004906-PA	Splice junction	2L:+:5793419-5793494,5793613-5793620	Remaining organs	1	2
2383	JHU_Ag_85217	LYIEPSESEQFVIIERPDGAVSLHTVDSK	110	AGAP000891-PA	Splice junction	X:+:16768861-16768933,16769013-16769026	Midgut	2	3
2384	JHU_Ag_1996	LYIGDANSAK	70	AGAP008228-PA,AGAP008228-PB	Splice junction,Splice junction	3R:-:7177411-7177576,7177201-7177317;3R:-:7177411-7177576,7177201-7177317	Male reproductive organs	2	3
2385	JHU_Ag_5580	LYNVHHIWCYK	62	AGAP003200-PA	Splice junction	2R:+:33800123-33800147,33800239-33800246	Male reproductive organs	4	5
2386	JHU_Ag_77527	LYQVEYAFK	56	AGAP003935-PA	Splice junction	2R:+:46544011-46544023,46544113-46544126	Salivary gland	1	2
2387	JHU_Ag_22085	LYQYYLGAISHPELQLR	131	AGAP004860-PA	Splice junction	2L:-:4508821-4509443,4508487-4508702	Midgut	2	3
2388	JHU_Ag_50665	LYSGMISPQSVTFNNPAAK	78	AGAP005698-PA	Splice junction	2L:+:19102002-19102046,19102145-19102156	Larva	1	2
2389	JHU_Ag_69206	MADMMAMQILVGHDPAGASIK	76	AGAP003083-PA	Splice junction	2R:-:32307832-32308525,32307324-32307687	Male reproductive organs	2	3
2390	JHU_Ag_54592	MALCPTDR	35	AGAP010024-PA	Splice junction	3R:+:47939775-47939775,47939853-47939875	Salivary gland	11	12
2391	JHU_Ag_113164	MANCGAPGVHNATPGK	64	AGAP006948-PA,AGAP006948-PB	Splice junction,Splice junction	2L:-:40202681-40202828,40202381-40202555;2L:-:40202681-40202828,40202381-40202555	Head	2	3
2392	JHU_Ag_50088	MAPGLDSIEILPFR	52	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	Splice junction,Splice junction,Splice junction	2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684	Salivary gland	3	4
2393	JHU_Ag_45745	MAPGLDSIEILPFRVAAYDK	33	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	Splice junction,Splice junction,Splice junction	2R:-:2053792-2053917,2053489-2053666;2R:-:2053792-2053917,2053489-2053666;2R:-:2053792-2053917,2053489-2053666	Malpighian tubule	3	4
2394	JHU_Ag_7130	MAQEVEFSDSVKPICLPVNEDVR	124	AGAP004855-PA	Splice junction	2L:+:4493418-4493442,4493527-4493570	Larva	3	4
2395	JHU_Ag_71092	MCYSHFTCATDTENIK	128	AGAP005079-PD,AGAP005079-PB	Splice junction,Splice junction	2L:+:9745079-9745109,9745885-9745901;2L:+:9745079-9745109,9745885-9745901	Head	7	8
2396	JHU_Ag_6838	MDDLDKAQLELLR	102	AGAP006179-PC	Splice junction	2L:-:27807391-27807391,27799584-27799972	Remaining organs	2	3
2397	JHU_Ag_28712	MDDLTPEQIAILQK	40	AGAP007339-PA	Splice junction	2L:-:45709781-45709781,45706904-45707037	Malpighian tubule	2	3
2398	JHU_Ag_11929	MDNPLFGTAHMLYEVDKK	56	AGAP001686-PA	Splice junction	2R:+:8447654-8447702,8447803-8447807	Ovary	1	2
2399	JHU_Ag_13670	MDVGELLSFKPEQTPK	87	AGAP001357-PA	Splice junction	2R:+:3501596-3501625,3501696-3501713	Ovary	1	2
2400	JHU_Ag_49101	MDVGGLSDPYVK	81	AGAP007942-PA,AGAP007942-PB	Splice junction,Splice junction	3R:+:3237879-3237900,3238081-3238094;3R:+:3237879-3237900,3238081-3238094	Head	6	7
2401	JHU_Ag_66531	MEALIPVVNKLQDVFNTVGSDAIQLPQIVVLGSQSSGK	124	AGAP008896-PA	Splice junction	3R:-:20507435-20507435,20505490-20506999	Malpighian tubule	1	2
2402	JHU_Ag_70357	MEDDWEALAEQK	58	AGAP006613-PB	Splice junction	2L:+:34735064-34735079,34735333-34735352	Ovary	1	2
2403	JHU_Ag_11610	MEDGKEEHQFVVDDVSK	83	AGAP001229-PA	Splice junction	2R:+:1653461-1653481,1654550-1654579	Ovary	1	2

2404	JHU_Ag_4308	MENDAGEFVDLYCPRK	125	AGAP009431-PA	residue overlap splice site	3R:+:33472620-33472667	Malpighian tubule	1	2
2405	JHU_Ag_93046	MENIIEYNK	55	AGAP005608-PA	Splice junction	2L:-:17833087-17833225,17832898-17832982	Salivary gland	1	2
2406	JHU_Ag_45041	MENLTLSELYTSEK	42	AGAP002969-PA	Splice junction	2R:-:30259987-30259987,30258878-30259723	Ovary	1	2
2407	JHU_Ag_23213	MENLTLSELYTSEKR	75	AGAP002969-PA	Splice junction	2R:-:30259987-30259987,30258878-30259720	Ovary	1	2
2408	JHU_Ag_115735	MEPELLEILCK	50	AGAP004535-PA	Splice junction	2R:+:57459070-57459072,57459139-57459168	Ovary	1	2
2409	JHU_Ag_18378	MEVDIPTSPIKK	44	AGAP004739-PA	Splice junction	2L:+:2976219-2976228,2976320-2976345	Midgut	1	2
2410	JHU_Ag_96861	MEVIFSINAKPYQINSTSVPVDTSLNTFIR	112	AGAP006225-PA	Splice junction	2L:+:28535006-28535045,28535222-28535271	Malpighian tubule	1	2
2411	JHU_Ag_4394	MEVIFSINAKPYQINSTSVPVDTSLNTFIRNHAHLSGTK	133	AGAP006225-PA	Splice junction	2L:+:28535006-28535045,28535222-28535298	Malpighian tubule	1	2
2412	JHU_Ag_19635	MFSGITASLK	52	AGAP010640-PA	Splice junction	3L:-:7902665-7902665,7898887-7899118	Remaining organs	1	2
2413	JHU_Ag_1245	MFSGITASLKNLGSK	113	AGAP010640-PA	Splice junction	3L:-:7902665-7902665,7898887-7899103	Malpighian tubule	1	2
2414	JHU_Ag_2529	MFTVLNAQYTFDNK	49	AGAP003559-PA	residue overlap splice site	2R:-:39468280-39468474,39467961-39468117	Larva	3	4
2415	JHU_Ag_16792	MFWGLILKPGK	57	AGAP007473-PA	Splice junction	2L:-:46749737-46749737,46748309-46749395	Midgut	1	2
2416	JHU_Ag_32444	MFWGLILKPGKK	51	AGAP007473-PA	Splice junction	2L:-:46749737-46749737,46748309-46749392	Male reproductive organs	1	2
2417	JHU_Ag_38312	MGLELFR	47	AGAP000519-PA	Splice junction	X:+:9254194-9254198,9254276-9254291	Head	5	6
2418	JHU_Ag_47411	MHEISAEGVTLVEDINK	168	AGAP003023-PA	Splice junction	2R:-:31229252-31229368,31228987-31229123	Head	2	3
2419	JHU_Ag_89751	MHGGGVDTDKNGGDTASLR	56	AGAP000834-PB	Splice junction	X:+:15421209-15421238,15421311-15421337	Larva	1	2
2420	JHU_Ag_7493	MHGGGVDTDKQNGGDTASLR	110	AGAP000834-PA	Splice junction	X:+:15421209-15421238,15421308-15421337	Malpighian tubule	1	2
2421	JHU_Ag_35520	MHITASPNTNLFGPTFTTTEER	66	AGAP005828-PA,AGAP005828-PB	Splice junction,Splice junction	2L:-:22073953-22074051,22073364-22073550;2L:-:22073953-22074051,22073364-22073550	Head	4	5
2422	JHU_Ag_35349	MIDAEMVIPDKDESDTR	63	AGAP003008-PA	Splice junction	2R:+:31012044-31012076,31040825-31040842	Male reproductive organs	1	2
2423	JHU_Ag_64150	MIFYEPDTCVLLLTDAIK	93	AGAP005471-PA	Splice junction	2L:+:16052913-16052966	Remaining organs	25	26
2424	JHU_Ag_47215	MIIDGEIQQR	94	AGAP008632-PA	Splice junction	3R:-:13774840-13775013,13774626-13774725	Malpighian tubule	4	5
2425	JHU_Ag_86196	MIIDGEIQQRGVVLPFSADIYRPMLAR	100	AGAP008632-PA	Splice junction	3R:-:13774840-13775013,13774626-13774674	Malpighian tubule	4	5
2426	JHU_Ag_36593	MINFNMPEDLTAGNYK	70	AGAP010815-PA,AGAP010814-PA	Splice junction,Splice junction	3L:-:11206552-11206733,11205800-11206443;3L:-:11190117-11190298,11189365-11190008	Pupa	2	3
2427	JHU_Ag_50239	MINTGKLAGR	38	AGAP012513-PA	Splice junction	UNKN:+:9867751-9867764,9868228-9868243	Malpighian tubule	1	2
2428	JHU_Ag_29249	MIQASNGEVTITNDGATILK	130	AGAP009505-PA	Splice junction	3R:-:34965000-34965050,34964310-34964853	Ovary	2	3
2429	JHU_Ag_3061	MISVNLFR	52	AGAP004096-PB	Splice junction	2R:-:49734930-49735127,49734636-49734810	Larva	2	3
2430	JHU_Ag_11077	MIVVNDASALPQGTQR	56	AGAP011566-PA	Splice junction	3L:-:27877052-27877145,27876797-27876914	Ovary	2	3
2431	JHU_Ag_72891	MIVYEPISFR	55	AGAP009518-PA	Splice junction	3R:-:35136401-35136776,35136112-35136236	Head	1	2
2432	JHU_Ag_5448	MKLNVSFPATGAQK	66	AGAP002919-PA	Splice junction	2R:-:29611231-29611231,29610467-29610639	Remaining organs	1	2
2433	JHU_Ag_82715	MKPLMLQGHQR	43	AGAP006607-PA,AGAP006607-PB	Splice junction,Splice junction	2L:-:34693380-34693380,34692942-34693139;2L:-:34693380-34693380,34692942-34693139	Ovary	1	2
2434	JHU_Ag_66785	MLAGEDTYEELGIDQTEPLDMVVVGCVAVSERGQR	94	AGAP000622-PA	Splice junction	X:+:11249450-11249483,11251168-11251238	Malpighian tubule	3	4
2435	JHU_Ag_22953	MLDPDDLINTPKPDER	95	AGAP001497-PA,AGAP001497-PB	Splice junction,Splice junction	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	Larva	4	5
2436	JHU_Ag_25205	MLDPDDLQNTAMPDER	84	AGAP001497-PC	Splice junction	2R:-:5650503-5650641,5649086-5649140	Salivary gland	4	5
2437	JHU_Ag_17115	MLEELKSK	49	AGAP003754-PA	Splice junction	2R:-:43013547-43013658,43010882-43011023	Ovary	3	4
2438	JHU_Ag_52490	MLFYSFFK	42	AGAP005136-PA	Splice junction	2L:+:10370309-10370311,10370376-10370396	Ovary	1	2
2439	JHU_Ag_14999	MLINQHTILFGDIPQTGR	33	AGAP010276-PA	Splice junction	3R:-:51944220-51944392,51943998-51944082	Malpighian tubule	3	4
2440	JHU_Ag_47270	MLLECTHEAIIDAGINPQEIR	52	AGAP009176-PA	Splice junction	3R:+:28141665-28141704,28142752-28142774	Head	2	3
2441	JHU_Ag_41538	MLNIPNEKVR	34	AGAP001257-PB	Splice junction	2R:-:2065073-2065073,2060744-2061364	Malpighian tubule	1	2
2442	JHU_Ag_114506	MLNIQTHMDFEGQGR	31	AGAP004296-PA	Splice junction	2R:-:54159626-54159626,54159394-54159520	Midgut	1	2
2443	JHU_Ag_8321	MLPLSLLK	41	AGAP009687-PA	Splice junction	3R:+:38670340-38670342,38670426-38670446	Ovary	1	2
2444	JHU_Ag_23016	MLPSPLNEEFFQK	85	AGAP001341-PA	Splice junction	2R:+:3325448-3325457,3328195-3328223	Ovary	1	2
2445	JHU_Ag_54495	MLSCAGADR	44	AGAP002395-PA	Splice junction	2R:-:20905214-20905517,20904599-20904929	Ovary	1	2

2446	JHU_Ag_18402	MLSCAGADRLQTGMR	50	AGAP002395-PA	Splice junction	2R:-:20905214-20905517,20904599-20904911	Malpighian tubule	1	2
2447	JHU_Ag_25623	MMISQLFYDGYHSVAVELTNLVR	130	AGAP002776-PA	Splice junction	2R:-:27043101-27043164,27041812-27042961	Ovary	1	2
2448	JHU_Ag_27080	MMSDPAMHNILGQLGGMNNMDALLETGR	158	AGAP003052-PA	Splice junction	2R:-:31483456-31483844,31483141-31483291	Ovary	2	3
2449	JHU_Ag_47451	MMSDPAMHNILGQLGGMNNMDALLETGRR	61	AGAP003052-PA	Splice junction	2R:-:31483456-31483844,31483141-31483288	Ovary	2	3
2450	JHU_Ag_19217	MMSVFDDLTALIMAK	108	AGAP012800-PA	Splice junction	UNKN:-:30042910-30042997,30042663-30042801	Midgut	5	6
2451	JHU_Ag_85395	MNIPNQYIEKTEEVADQVIR	58	AGAP001069-PA	Splice junction	X:-:22488001-22488001,22455323-22456076	Malpighian tubule	1	2
2452	JHU_Ag_16748	MNLHEPVDPNKPFDELTPEEK	62	AGAP008041-PA	Splice junction	3R:+:4800980-4801012,4801090-4801119	Midgut	1	2
2453	JHU_Ag_61198	MNNVCVWTNLMK	64	AGAP001936-PB	residue overlap splice site	2R:+:12658354-12658389	Head	4	5
2454	JHU_Ag_23399	MNSGTFEGYDMR	87	AGAP011347-PA	Splice junction	3L:-:21527113-21527626,21524547-21524934	Salivary gland	1	2
2455	JHU_Ag_45598	MPAFTLSNVK	45	AGAP002549-PA	residue overlap splice site	2R:+:22674429-22674458	Head	3	4
2456	JHU_Ag_24428	MPMLGLGTWGSPPGEVAQAVK	99	AGAP011050-PA	Splice junction	3L:-:15776845-15776890,15774550-15775353	Midgut	1	2
2457	JHU_Ag_62212	MPMLGLGTWGSPPGEVAQAVKDAIDIGYR	62	AGAP011050-PA	Splice junction	3L:-:15776845-15776890,15774550-15775329	Malpighian tubule	1	2
2458	JHU_Ag_67080	MQGPAVFIDAEIDDQAQELR	103	AGAP012281-PA	Splice junction	3L:+:39764272-39764316,39764434-39764448	Ovary	1	2
2459	JHU_Ag_27169	MQNVPAIIR	41	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	Splice junction,Splice junction,Splice junction	2R:+:300750-300755,304695-304715;2R:+:300750-300755,304695-304715;2R:+:300750-300755,304695-304715	Malpighian tubule	4	5
2460	JHU_Ag_2505	MQPGTVEQTWWQSENGR	86	AGAP001381-PA	Splice junction	2R:-:4059949-4060197,4058625-4059265	Midgut	3	4
2461	JHU_Ag_36948	MQPQIILLK	47	AGAP002762-PA	Splice junction	2R:+:26790470-26790472,26790877-26790900	Ovary	1	2
2462	JHU_Ag_103040	MRECISVHVGQAGVQIGNACWELYCLEHGIQPDGQMPSDK	66	AGAP001219-PA	Splice junction	2R:+:1622022-1622024,1622777-1622893	Salivary gland	1	2
2463	JHU_Ag_21230	MSAVDNVEEEQVTKSATSSSK	30	AGAP004335-PB	Splice junction	2R:+:54800246-54800251,54800464-54800520	Midgut	1	2
2464	JHU_Ag_25333	MSLLPVLSR	40	AGAP000110-PA	Splice junction	X:+:1793974-1793999,1794074-1794074	Remaining organs	1	2
2465	JHU_Ag_1519	MSNADNVTEQGDSAEDQEAR	77	AGAP000904-PA	Splice junction	X:+:17085404-17085422,17085513-17085553	Head	2	3
2466	JHU_Ag_80116	MSNVVEAYER	44	AGAP010297-PA	Splice junction	3R:+:52614451-52614455,52614526-52614550	Ovary	1	2
2467	JHU_Ag_11327	MSPEYDYLFK	72	AGAP004146-PA	Splice junction	2R:-:50739791-50739791,50738112-50738169	Male reproductive organs	1	2
2468	JHU_Ag_33735	MTDEYFYGATLK	50	AGAP004395-PA	Splice junction	2R:+:55594004-55594025,55595298-55595311	Salivary gland	1	2
2469	JHU_Ag_26069	MTDEYFYGATLKEGSK	64	AGAP004395-PA	Splice junction	2R:+:55594004-55594025,55595298-55595323	Malpighian tubule	1	2
2470	JHU_Ag_1092	MTEGILPEILFNELKPK	84	AGAP008667-PA	Splice junction	3R:-:14642288-14642903,14641656-14642163	Malpighian tubule	1	2
2471	JHU_Ag_31355	MTGAIDLLLSVR	63	AGAP001257-PA	Splice junction	2R:-:2063951-2063951,2060744-2061364	Malpighian tubule	1	2
2472	JHU_Ag_39200	MTHDQFNINLQTGPNTNPR	64	AGAP012529-PA	Splice junction	UNKN:-:11588478-11588547,11588073-11588352	Malpighian tubule	2	3
2473	JHU_Ag_88	MTHDQFNINLQTGPNTNPRDDTALHISIRPR	72	AGAP012529-PA	Splice junction	UNKN:-:11588478-11588547,11588073-11588316	Midgut	2	3
2474	JHU_Ag_72524	MTITIDTYSIDGDDDLENAHELTPEK	45	AGAP001957-PB	Splice junction	2R:+:12825689-12825742,12827929-12827952	Male reproductive organs	5	6
2475	JHU_Ag_1658	MTSDVALNPDLYSIIHVDHPVIVPGGR	115	AGAP012053-PA	Splice junction	3L:-:36942072-36942417,36940871-36941921	Remaining organs	1	2
2476	JHU_Ag_39779	MTSEQDTLIVVSSDHSHTMTYNGYPK	95	AGAP011303-PA	Splice junction	3L:-:20767433-20767463,20766872-20767286	Larva	1	2
2477	JHU_Ag_113336	MTSLSDGSGQEQALDLLR	164	AGAP009035-PA	Splice junction	3R:+:24399320-24399343,24400800-24400829	Ovary	1	2
2478	JHU_Ag_59138	MVDWLSK	39	AGAP008311-PA	Splice junction	3R:+:8859109-8859110,8860337-8860355	Remaining organs	2	3
2479	JHU_Ag_34	MVIGDQFNPCDEANCGDNTVCVPKPDDTFDCNCK	100	AGAP008193-PA	Splice junction	3R:-:6559634-6560289,6559155-6559458	Head	4	5
2480	JHU_Ag_97653	MVKFTSNR	40	AGAP004184-PA	Splice junction	2R:-:51449296-51449296,51446477-51447476	Pupa	1	2
2481	JHU_Ag_89066	MVNQFGTAQDSPELKQQLHQIR	85	AGAP005543-PA	Splice junction	2L:-:16876371-16876388,16875647-16876052	Malpighian tubule	2	3
2482	JHU_Ag_14437	MWTDALDDFLQDYR	119	AGAP007791-PA,AGAP007791-PB	Splice junction,Splice junction	3R:-:890098-890184,888937-889222;3R:-:890098-890184,888937-889222	Midgut	3	4
2483	JHU_Ag_74909	MYAPQQPILILSK	48	AGAP002759-PA	Splice junction	2R:-:26781437-26781437,26781279-26781336	Malpighian tubule	1	2
2484	JHU_Ag_113322	MYNSMLDCFK	65	AGAP010293-PA	Splice junction	3R:+:52354786-52354799,52355536-52355551	Head	1	2
2485	JHU_Ag_76233	MYNSMLDCFKK	65	AGAP010293-PA	Splice junction	3R:+:52354786-52354799,52355536-52355554	Midgut	1	2
2486	JHU_Ag_90665	MYSLLHK	37	AGAP007626-PA	Splice junction	2L:+:48385970-48385972,48386040-48386057	Ovary	1	2
2487	JHU_Ag_13822	NAAAIK	45	AGAP004989-PB	Splice junction	2L:-:7558037-7558020;2L:-:7558037-7558020	Head	7	8

2488	JHU_Ag_21099	NADLLENPLQDEK	68	AGAP009743-PA	Splice junction	3R:+:42070447-42070458,42070517-42070543	Midgut	5	6
2489	JHU_Ag_68026	NAEVGGPSAVAGHEAGGYK	42	AGAP000851-PA	Splice junction	X:-:15725016-15725070,15724507-15724729	Head	1	2
2490	JHU_Ag_690	NAGGTVTLVVQYRPEDYNRFEQR	88	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	Splice junction,Splice junction,Splice junction	X:-:4825461-4825393;X:-:4825461-4825393;X:-:4825461-4825393	Ovary	8	9
2491	JHU_Ag_48427	NAHASIR	37	AGAP009031-PA	Splice junction	3R:-:24356237-24356255,24356063-24356213	Ovary	2	3
2492	JHU_Ag_76409	NAHVSAGTDFSVSAGSR	52	AGAP004880-PB	Splice junction	2L:+:4905874-4905898,4907644-4907669	Male reproductive organs	2	3
2493	JHU_Ag_106164	NAIAQETEVDLYNDFPDQIK	104	AGAP001617-PA	Splice junction	2R:-:6828028-6828142,6827828-6827879	Head	3	4
2494	JHU_Ag_18698	NAIAQETEVDLYNDFPDQIKLNTR	122	AGAP001617-PA	Splice junction	2R:-:6828028-6828142,6827828-6827867	Malpighian tubule	3	4
2495	JHU_Ag_9003	NAILGFVFGK	50	AGAP000696-PA	Splice junction	X:-:12479941-12480013,12477315-12477699	Head	2	3
2496	JHU_Ag_40247	NALNYQFSQEELR	53	AGAP007618-PA	Splice junction	2L:+:48340377-48340385,48340475-48340504	Midgut	1	2
2497	JHU_Ag_115175	NAQLAQFNFILVVGEK	95	AGAP008929-PA	Splice junction	3R:+:21105518-21105551,21105625-21105638	Midgut	3	4
2498	JHU_Ag_18720	NAQLAQFNFILVVGEKER	36	AGAP008929-PA	Splice junction	3R:+:21105518-21105551,21105625-21105644	Salivary gland	3	4
2499	JHU_Ag_55141	NASQPAFTSHQSGMPK	34	AGAP003206-PA,AGAP003206-PB	Splice junction,Splice junction	2R:-:33854921-33855855,33854601-33854757;2R:-:33854921-33855855,33854601-33854757	Malpighian tubule	3	4
2500	JHU_Ag_10091	NATNEVEIIR	51	AGAP006590-PD,AGAP006590-PB	Splice junction,Splice junction	2L:-:34298689-34298660;2L:-:34298689-34298660;2L:-:34298689-34298660;2L:-:34298689-34298660	Head	26	27
2501	JHU_Ag_113287	NATNTALILK	52	AGAP009059-PA	Splice junction	3R:+:24958213-24958237,24958388-24958392	Ovary	2	3
2502	JHU_Ag_6010	NCAICYGDAFHCK	84	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	residue overlap splice site,residue overlap splice site,residue overlap splice site	2R:+:41188681-41188712,41189040-41189046;2R:+:41188681-41188712,41189040-41189046;2R:+:41188681-41188712,41189040-41189046	Ovary	13	14
2503	JHU_Ag_2018	NCEYGCTFDPK	35	AGAP001979-PA	Splice junction	2R:-:13053339-13053535,13049414-13053213	Salivary gland	4	5
2504	JHU_Ag_27872	NCGSFTSEEAQEYINIGAINSLFVLGR	130	AGAP010156-PA,AGAP010155-PA	Splice junction,Splice junction	3R:+:49554215-49554234,49554323-49554383;3R:+:49528208-49528227,49528313-49528373	Salivary gland	8	9
2505	JHU_Ag_49549	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGK	76	AGAP007852-PB	Splice junction	3R:-:2123947-2125369,2123677-2123764	Remaining organs	2	3
2506	JHU_Ag_13169	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGKK	169	AGAP007852-PB	Splice junction	3R:-:2123947-2125369,2123677-2123761	Malpighian tubule	2	3
2507	JHU_Ag_34477	NDAVYMEDEAWR	110	AGAP009099-PA	Splice junction	3R:+:25589591-25589612,25589676-25589689	Male reproductive organs	2	3
2508	JHU_Ag_74261	NDAVYMEDEAWRSEYILDDSTAICKPASK	169	AGAP009099-PA	Splice junction	3R:+:25589591-25589612,25589676-25589740	Male reproductive organs	2	3
2509	JHU_Ag_35251	NDDDEIREPEHLR	82	AGAP002374-PA	Splice junction	2R:-:20793400-20793448,20792046-20792494	Ovary	1	2
2510	JHU_Ag_11008	NDDIPIGEQTVAQVLQSAK	138	AGAP006522-PA	Splice junction	2L:-:33834781-33834833,33834351-33834381	Head	3	4
2511	JHU_Ag_19241	NDERENWTQPPER	47	AGAP003937-PB,AGAP003937-PC,AGAP003937-PA	Splice junction,Splice junction,Splice junction	2R:-:46547630-46547757,46547001-46547400;2R:-:46547630-46547757,46547001-46547400;2R:-:46547630-46547757,46547001-46547400	Remaining organs	4	5
2512	JHU_Ag_106555	NDETMYVEAKPDR	88	AGAP009154-PA	Splice junction	3R:+:27694985-27694998,27695181-27695205	Midgut	3	4

2513	JHU_Ag_47939	NDLENQLRDTQER	52	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690	Malpighian tubule	11	12
2514	JHU_Ag_879	NDLSICGTLHSVDQYLNIK	39	AGAP005136-PA	Splice junction	2L:+:10370433-10370443,10370571-10370616	Malpighian tubule	2	3
2515	JHU_Ag_112440	NDPHTIKELAK	50	AGAP005160-PC,AGAP005160-PA	Splice junction,Splice junction	2L:-:10785711-10785771,10785376-10785556;2L:-:10785711-10785771,10785376-10785556	Malpighian tubule	3	4
2516	JHU_Ag_75616	NDSADDRAAFTYLLVGGAAVSTAYVAK	58	AGAP008955-PA	Splice junction	3R:-:21800983-21801075,21800611-21800827	Remaining organs	2	3
2517	JHU_Ag_18803	NDSVVAGGGAIEMELSK	78	AGAP002762-PA	Splice junction	2R:+:26792074-26792092,26792178-26792209	Salivary gland	2	3
2518	JHU_Ag_17137	NDYTEEGGFPEYSQPLDNK	45	AGAP000720-PB,AGAP000720-PA	Splice junction,Splice junction	X:+:13115733-13115776,13120115-13120127;X:+:13115733-13115776,13120115-13120127	Salivary gland	5	6
2519	JHU_Ag_81161	NEACHPYEPFK	46	AGAP010260-PA	Splice junction	3R:+:51754252-51754255,51754373-51754401	Head	1	2
2520	JHU_Ag_70566	NEDGTMLLAELTHSLTALGER	149	AGAP001569-PA,AGAP001569-PB	Splice junction,Splice junction	2R:+:6334412-6334466,6334560-6334567;2R:+:6334412-6334466,6334560-6334567	Ovary	3	4
2521	JHU_Ag_21591	NEEVANGFACPAAGEISNAGSFSR	123	AGAP003308-PA,AGAP003308-PB	Splice junction,Splice junction	2R:+:35626346-35626352,35626448-35626512;2R:+:35626346-35626352,35626448-35626512	Pupa	3	4
2522	JHU_Ag_81764	NEFFGLVCAITFLPIMTMER	67	AGAP009056-PA	Splice junction	3R:-:24934370-24935513,24934086-24934233	Malpighian tubule	3	4
2523	JHU_Ag_76991	NEFYVQPVMWIK	41	AGAP000220-PA	Splice junction	X:-:4091501-4091618,4090595-4091389	Malpighian tubule	2	3
2524	JHU_Ag_39088	NEGEILFK	40	AGAP006275-PA	Splice junction	2L:+:29083196-29083217,29083289-29083290	Larva	3	4
2525	JHU_Ag_50048	NEGVVEFATLSDMK	121	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	Splice junction,Splice junction,Splice junction	2R:-:58136312-58136363,58135930-58136190;2R:-:58136312-58136378,58135930-58136190;2R:-:58136312-58136378,58135930-58136190	Ovary	1	2
2526	JHU_Ag_106634	NEIGDIPEDIK	42	AGAP000054-PA	Splice junction	X:+:863296-863299,863434-863462	Midgut	2	3
2527	JHU_Ag_8733	NELGLPLILDEK	41	AGAP000127-PA	Splice junction	X:+:2039848-2039868,2039960-2039974	Head	3	4
2528	JHU_Ag_8089	NELLDSLDTTAAQQELR	96	AGAP007523-PA,AGAP007523-PB	Splice junction,Splice junction	2L:+:47183148-47183181,47183273-47183289;2L:+:47183148-47183181,47183273-47183289	Head	7	8
2529	JHU_Ag_1120	NEMFDYQDR	41	AGAP011792-PA	Splice junction	3L:-:33287462-33287806,33286810-33287362	Pupa	3	4
2530	JHU_Ag_10376	NENYDEAQIDYQPYR	81	AGAP006260-PD	Splice junction	2L:-:28717099-28717156,28714359-28714500	Remaining organs	1	2
2531	JHU_Ag_16255	NEPFDNYPLLGGK	63	AGAP001957-PA,AGAP001957-PB	Splice junction,Splice junction	2R:+:12824401-12824431,12824533-12824540;2R:+:12824401-12824431,12824533-12824540	Ovary	3	4
2532	JHU_Ag_109065	NEPLIASGGDDGVLQIWDLR	115	AGAP007125-PA	Splice junction	2L:+:43065745-43065766,43065851-43065888	Ovary	1	2
2533	JHU_Ag_81248	NESEQQDFWVDLEPQGR	56	AGAP002748-PA	Splice junction	2R:+:26650673-26650699,26650791-26650814	Head	2	3
2534	JHU_Ag_10286	NETGGGEGIEVLKNEPFDNYPLLGGK	76	AGAP001957-PA,AGAP001957-PB	Splice junction,Splice junction	2R:+:12824362-12824431,12824533-12824540;2R:+:12824362-12824431,12824533-12824540	Midgut	3	4
2535	JHU_Ag_4539	NEVGAPMPGSVIEIK	70	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:2999759-3000828,2999465-2999630;2L:-:2999759-3000828,2999465-2999630	Head	5	6
2536	JHU_Ag_25001	NEVGLFGKPELTSHEGFYVLK	40	AGAP007728-PA	Splice junction	2L:-:49343027-49343147,49342426-49342902	Head	1	2

2537	JHU_Ag_43736	NEVGLSDPLESDEPYTVQLGAAPDDVHDETTR	98	AGAP007563-PA	Splice junction	2L:+:47715093-47715156,47715237-47715268	Remaining organs	25	26
2538	JHU_Ag_66134	NFCVVNLLDNDIVSNVFK	118	AGAP004768-PB	Splice junction	2L:-:3288325-3288896,3288119-3288203	Ovary	6	7
2539	JHU_Ag_7840	NFGLYNER	35	AGAP004142-PA	Splice junction	2R:+:50703340-50703355,50703430-50703437	Ovary	2	3
2540	JHU_Ag_67365	NFHCFYQLLR	41	AGAP010160-PA	Splice junction	3R:-:49674631-49674830,49674263-49674480	Midgut	3	4
2541	JHU_Ag_62755	NFIIEPFVPHKDNEEAYVCIYSHR	43	AGAP010156-PA,AGAP010154-PA	Splice junction,Splice junction	3R:+:49549932-49549967,49550057-49550092;3R:+:49523801-49523836,49523926-49523961	Remaining organs	2	3
2542	JHU_Ag_1006	NFKVDNSSLTGESEPQSR	128	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699	Ovary	3	4
2543	JHU_Ag_1159	NFLLGR	39	AGAP003900-PA	Splice junction	2R:+:45717577-45717591,45717696-45717698	Malpighian tubule	1	2
2544	JHU_Ag_82546	NFLVSFLVDAR	60	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	Splice junction,Splice junction,Splice junction	2R:+:18440649-18440650,18440792-18440822;2R:+:18440649-18440650,18440792-18440822;2R:+:18440649-18440650,18440792-18440822	Head	9	10
2545	JHU_Ag_114622	NFNYDGEGPAAYFYVGNTR	89	AGAP003513-PB,AGAP003513-PA	Splice junction,Splice junction	2R:-:39046352-39046480,39045807-39046126;2R:-:39046352-39046480,39045807-39046126	Pupa	2	3
2546	JHU_Ag_67095	NFPGHWMEGGASAVPCTDTYAGPEAGSEIETQHIMNYFVSVK	31	AGAP008370-PA	Splice junction	3R:+:10094718-10094739,10094810-10094913	Midgut	3	4
2547	JHU_Ag_108507	NGATLLLLGTKEEVPQEPVEKPK	132	AGAP009348-PA	Splice junction	3R:-:31585757-31585930,31585552-31585618	Ovary	2	3
2548	JHU_Ag_50555	NGAVEETPGLVNSSCYENGWLFK	39	AGAP006548-PA	Splice junction	2L:+:34112881-34112935,34113018-34113031	Head	3	4
2549	JHU_Ag_3587	NGCVTAGTASGICDGAASVVVASEEALKK	129	AGAP006821-PA	Splice junction	2L:+:38892669-38892698,38892781-38892837	Malpighian tubule	3	4
2550	JHU_Ag_27658	NGEIDTWLTLEQAK	38	AGAP003725-PB	Splice junction	2R:+:42465353-42465370,42465546-42465569	Ovary	7	8
2551	JHU_Ag_887	NGETSTSTSLTVYENYETKPTPPTFISIK	89	AGAP002737-PB	residue overlap splice site	2R:+:26385999-26386085;2R:+:26385999-26386085	Head	1	2
2552	JHU_Ag_92922	NGHASVEDLEENYEAEEATPK	56	AGAP008601-PA	Splice junction	3R:-:13504757-13504811,13504508-13504584	Malpighian tubule	1	2
2553	JHU_Ag_87970	NGLGDTVAYYWEGNHPDDYSR	115	AGAP006569-PA	Splice junction	2L:+:34159491-34159522,34163548-34163578	Head	1	2
2554	JHU_Ag_72859	NGLSFIETSALDSTNVETAFQNILTEIYR	37	AGAP004559-PH	Splice junction	2R:+:57599698-57599773,57599861-57599871	Midgut	3	4
2555	JHU_Ag_9300	NGNCVNPCAGVCGVNANCEVR	126	AGAP003027-PA	Splice junction	2R:+:31240766-31240822,31240913-31240918	Head	3	4
2556	JHU_Ag_26616	NGNSIPMFGLGTWNSPPGQVAQAVK	50	AGAP011051-PA	Splice junction	3L:+:15778816-15778857,15778934-15778966	Midgut	1	2
2557	JHU_Ag_40629	NGNWLIDYCSQR	38	AGAP001200-PA,AGAP001200-PB	Splice junction,Splice junction	2R:+:1289225-1289243,1289308-1289324;2R:+:1289225-1289243,1289308-1289324	Midgut	5	6
2558	JHU_Ag_22791	NGRLPDSAYTDGGTLVITNIQIK	72	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41200716-41200784;2R:+:41200716-41200784;2R:+:41200716-41200784	Midgut	34	35
2559	JHU_Ag_101656	NGRYPVPDQCDAYIECVDGEPR	65	AGAP009405-PA	Splice junction	3R:-:32316178-32316204,32315535-32316036	Head	2	3
2560	JHU_Ag_98779	NGSLPDSSADSVK	58	AGAP001467-PA	Splice junction	2R:-:5326159-5326279,5323647-5325814	Head	1	2
2561	JHU_Ag_33323	NGSPIPALGLGTWNSPPGQVTQAVK	49	AGAP011068-PA,AGAP011066-PA	Splice junction,Splice junction	3L:+:16223717-16223758,16223823-16223855;3L:+:16187587-16187628,16187694-16187726	Remaining organs	1	2
2562	JHU_Ag_10710	NGTGFIPLDVFK	48	AGAP006181-PA	Splice junction	2L:+:27817811-27817814,27817883-27817914	Head	2	3
2563	JHU_Ag_16920	NGTGFIPLDVFKK	86	AGAP006181-PA	Splice junction	2L:+:27817811-27817814,27817883-27817917	Remaining organs	2	3
2564	JHU_Ag_9470	NGVNGGTPNNWQSVFHTPAWTQPAGQTQYYLHQFDK	200	AGAP008963-PA	Splice junction	3R:-:22246619-22246832,22246066-22246444	Larva	1	2
2565	JHU_Ag_41879	NGVNGGTPNNWQSVFHTPAWTQPAGQTQYYLHQFDKK	136	AGAP008963-PA	Splice junction	3R:-:22246619-22246832,22246066-22246441	Larva	1	2

2566	JHU_Ag_55210	NGYGFVEFEDYR	108	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:-:58141687-58141795,58141525-58141578;2R:-:58141687-58141795,58141525-58141578;2R:-:58141687-58141795,58141525-58141578;2R:-:58141687-58141795,58141525-58141578;2R:-:58141687-58141795,58141525-58141578	Ovary	1	2
2567	JHU_Ag_7963	NHEQIFMR	40	AGAP002413-PB	Splice junction	2R:+:21027624-21027635,21027938-21027949	Ovary	3	4
2568	JHU_Ag_78600	NHGAYQSHDSVR	92	AGAP003817-PA	residue overlap splice site	2R:+:43735483-43735518	Ovary	2	3
2569	JHU_Ag_32897	NHPEHMQK	38	AGAP007593-PA	residue overlap splice site	2L:-:48090087-48090163,48086521-48086530	Head	5	6
2570	JHU_Ag_67701	NHTNHNQNQK	43	AGAP006612-PA	Splice junction	2L:-:34734383-34734398,34734184-34734241	Ovary	1	2
2571	JHU_Ag_11783	NHVVSIPR	41	AGAP002503-PA	residue overlap splice site	2R:-:22064461-22064550,22053489-22054041	Head	5	6
2572	JHU_Ag_104615	NIDEHANEDVEK	103	AGAP000671-PA	Splice junction	X:-:11848453-11848641,11848267-11848333	Head	2	3
2573	JHU_Ag_35737	NIDNPEIADIYTEHSCAVNVAK	93	AGAP002509-PA	Splice junction	2R:+:22130443-22130451,22130540-22130596	Ovary	2	3
2574	JHU_Ag_38101	NIESSPEEALFLTDVYAEAK	114	AGAP003331-PB,AGAP003331-PA	Splice junction,Splice junction	2R:-:36116639-36116844,36116137-36116371;2R:-:36116639-36116844,36116158-36116371	Ovary	4	5
2575	JHU_Ag_99630	NIGGTTADVMCEILAFEADR	43	AGAP000721-PA	Splice junction	X:+:13135222-13135266,13136304-13136318	Salivary gland	2	3
2576	JHU_Ag_688	NIGGTTADVMCEILAFEADRR	50	AGAP000721-PA	Splice junction	X:+:13135222-13135266,13136304-13136321	Head	2	3
2577	JHU_Ag_51509	NIIGLLNAFTPQR	58	AGAP009461-PA	Splice junction	3R:-:33871513-33871640,33871215-33871377	Head	2	3
2578	JHU_Ag_99030	NIILGK	43	AGAP002481-PA	Splice junction	2R:-:21871292-21873614,21871099-21871204	Salivary gland	1	2
2579	JHU_Ag_62539	NIKHNGNITFDEVINIAR	87	AGAP010065-PA	Splice junction	3R:-:48535224-48535401,48534875-48535031	Malpighian tubule	3	4
2580	JHU_Ag_23865	NILSFQGNQRPTLDELHDASITNK	82	AGAP001557-PA	residue overlap splice site	2R:+:6187538-6187609	Head	2	3
2581	JHU_Ag_97363	NILVVSTQEPGR	65	AGAP002501-PA	Splice junction	2R:+:22051009-22051018,22051618-22051643	Ovary	2	3
2582	JHU_Ag_294	NINEVENQILTR	103	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Splice junction,Splice junction,Splice junction	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	Head	9	10
2583	JHU_Ag_91269	NINPKPVNAPEYYEVTR	57	AGAP004376-PA	Splice junction	2R:+:55499175-55499177,55499243-55499290	Midgut	2	3
2584	JHU_Ag_34702	NINRDLTDGVLVAEILK	26	AGAP008402-PA	Splice junction	3R:-:10355726-10355822,10355384-10355609	Ovary	1	2
2585	JHU_Ag_17476	NISTFEELPGLLNMLFVTR	101	AGAP008785-PA	Splice junction	3R:-:17864846-17864918,17864512-17864540	Ovary	1	2
2586	JHU_Ag_42191	NITATFLTR	37	AGAP001958-PA	Splice junction	2R:-:12838661-12839309,12837590-12837826	Malpighian tubule	3	4
2587	JHU_Ag_1050	NITTLELIGNSFR	94	AGAP006993-PA	Splice junction	2L:+:40512721-40512728,40512790-40512820	Head	6	7
2588	JHU_Ag_55770	NIVEAAAVRDISDASVYSSYVLPK	60	AGAP012100-PA	Splice junction	3L:+:37646336-37646390,37646618-37646634	Malpighian tubule	2	3
2589	JHU_Ag_34134	NIYGFEQFLK	39	AGAP002503-PA	Splice junction	2R:-:22064910-22065056,22064644-22064819	Head	3	4
2590	JHU_Ag_4788	NKEILDEAFR	63	AGAP005531-PA	Splice junction	2L:-:16665764-16666780,16664598-16665661	Salivary gland	2	3
2591	JHU_Ag_75642	NKNENYFWYHHSEGDTMELEDPHDLDR	83	AGAP013443-PA	Splice junction	2R:+:2093260-2093282,2093347-2093404	Larva	2	3
2592	JHU_Ag_52096	NKQGEIITVYPSR	100	AGAP004708-PA	Splice junction	2L:-:2472208-2472505,2471997-2472078	Malpighian tubule	4	5
2593	JHU_Ag_50435	NKTEIEESDTDQSPDQNK	45	AGAP008408-PA	Splice junction	3R:-:10416280-10416369,10415036-10415081	Pupa	8	9
2594	JHU_Ag_85249	NLDLDAEVK	64	AGAP009342-PA	Splice junction	3R:+:31556683-31556703,31558366-31558371	Head	1	2
2595	JHU_Ag_53202	NLDREELFGESSGK	94	AGAP000009-PC,AGAP000009-PB	Splice junction,Splice junction	X:-:98459-98562,98087-98330;X:-:98459-98562,98087-98330;X:-:98459-98562,98087-98330	Head	22	23
2596	JHU_Ag_30128	NLEEAIDHVHTYGSGHTDVIVTENPTSATYFQSNVDSACVFHNASSR	80	AGAP002518-PA	Splice junction	2R:-:22185764-22185973,22185350-22185545	Salivary gland	5	6
2597	JHU_Ag_8753	NLEGQSFFAK	39	AGAP006901-PA	Splice junction	2L:-:39705246-39705217;2L:-:39705246-39705217;2L:-:39705246-39705217	Larva	13	14
2598	JHU_Ag_54050	NLESWFDR	54	AGAP009865-PA	residue overlap splice site	3R:+:44586440-44586463	Remaining organs	1	2
2599	JHU_Ag_16058	NLFCGWFDANLSDK	91	AGAP001420-PA	residue overlap splice site	2R:-:4740189-4740148	Midgut	1	2

2600	JHU_Ag_5775	NLFCGWFDANLSDKGK	108	AGAP001420-PA	Splice junction	2R:-:4740189-4740249,4739393-4740053	Head	1	2
2601	JHU_Ag_77144	NLFLHETTEEWQQYER	51	AGAP009554-PA	Splice junction	3R:-:36087118-36087071	Midgut	10	11
2602	JHU_Ag_52230	NLGDLVMNNK	57	AGAP003421-PA	Splice junction	2R:+:37514048-37514057,37514226-37514245	Midgut	1	2
2603	JHU_Ag_12064	NLHDTLHAETDFWSEDR	147	AGAP002020-PA	Splice junction	2R:-:14012680-14012889,14012368-14012548	Midgut	2	3
2604	JHU_Ag_95920	NLIIYGVPTENIQNVGALR	41	AGAP011394-PA	Splice junction	3L:+:23474407-23474452,23474602-23474612	Head	1	2
2605	JHU_Ag_102330	NLISKMLVR	29	AGAP001752-PA,AGAP001752-PB	Splice junction,Splice junction	2R:-:9416803-9416943,9416477-9416662;2R:-:9416803-9416943,9416477-9416662	Malpighian tubule	4	5
2606	JHU_Ag_3430	NLISTATLAK	37	AGAP008849-PA	Splice junction	3R:-:19412626-19412978,19412331-19412521	Midgut	4	5
2607	JHU_Ag_105222	NLLEHVYCTETRPYNQGAR	69	AGAP001589-PA	Splice junction	2R:-:6497473-6497516,6496913-6497351	Salivary gland	4	5
2608	JHU_Ag_23547	NLLVADNDLIQQATAELK	149	AGAP006942-PA	Splice junction	2L:+:40183740-40183775,40184052-40184069	Ovary	1	2
2609	JHU_Ag_22776	NLLYNYQSYDDITTYTQTLVDAAVK	67	AGAP003077-PB,AGAP003077-PA	Splice junction,Splice junction	2R:-:32233458-32234971,32233261-32233305;2R:-:32233458-32234971,32233261-32233305	Midgut	2	3
2610	JHU_Ag_112944	NLPYENEEGMIVGFGFNSVGGQVR	74	AGAP004740-PA	Splice junction	2L:-:2983420-2983777,2982984-2983269	Larva	2	3
2611	JHU_Ag_24971	NLQGPEPK	38	AGAP009036-PA	Splice junction	3R:+:24437773-24437781,24437894-24437908	Midgut	9	10
2612	JHU_Ag_105971	NLQGVASGSCVLECMVEDVK	110	AGAP002504-PA	Splice junction	2R:-:22067040-22067369,22066803-22066909	Ovary	3	4
2613	JHU_Ag_117559	NLQILGLR	35	AGAP008785-PA	Splice junction	3R:-:17862798-17862869,17862469-17862705	Male reproductive organs	4	5
2614	JHU_Ag_33333	NLQLDDEEKFADAEE	82	AGAP011245-PA	Splice junction	3L:+:19983241-19983256,19983332-19983360	Malpighian tubule	2	3
2615	JHU_Ag_13353	NLQYYDISAK	48	AGAP007699-PC	Splice junction	2L:-:49133003-49133423,49132701-49132896	Pupa	1	2
2616	JHU_Ag_65783	NLREPCPGCVAPYGYHNLMPLSTDANLFSQEVQR	45	AGAP000815-PA	Splice junction	X:+:14938156-14938157,14946046-14946060	Midgut	3	4
2617	JHU_Ag_35951	NLVLIK	26	AGAP000812-PA	Splice junction	X:+:14888808-14888813,14896019-14896030	Ovary	1	2
2618	JHU_Ag_85755	NLVNNLNTIEMDLKEHK	46	AGAP006070-PA	Splice junction	2L:+:26054077-26054126,26054258-26054258	Ovary	1	2
2619	JHU_Ag_50864	NLVTYIK	28	AGAP002597-PA	Splice junction	2R:-:23776199-23776505,23775963-23776094	Head	1	2
2620	JHU_Ag_76960	NMAPEYLQPLIK	67	AGAP013194-PA	Splice junction	2R:-:43086359-43087007,43086129-43086255	Malpighian tubule	1	2
2621	JHU_Ag_56409	NMETFLECLDAVKGATFGTGITAIK	104	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44668868-44668907,44671137-44671171;2R:+:44668868-44668907,44671137-44671171	Malpighian tubule	4	5
2622	JHU_Ag_37503	NMIQHIEALYYSHPDAK	65	AGAP012292-PA	Splice junction	3L:+:39815111-39815160,39815266-39815266	Head	1	2
2623	JHU_Ag_46006	NMPMTDPNHPVLVAGDPELHHMAMVDK	34	AGAP006576-PA,AGAP006576-PC	Splice junction,Splice junction	2L:-:34221545-34221890,34221311-34221401;2L:-:34221545-34221890,34221311-34221401	Midgut	4	5
2624	JHU_Ag_7662	NMPMTDPNHPVLVAGDPELHHMAMVDKEGGLAYHVNQIK	39	AGAP006576-PA,AGAP006576-PC	Splice junction,Splice junction	2L:-:34221545-34221890,34221311-34221365;2L:-:34221545-34221890,34221311-34221365	Midgut	4	5
2625	JHU_Ag_21393	NMPSSWTWQTLR	61	AGAP001460-PA	Splice junction	2R:+:5290575-5290577,5290665-5290697	Ovary	3	4
2626	JHU_Ag_24747	NMSVHLSPCFR	61	AGAP009998-PA	Splice junction	3R:+:47432961-47432992,47434540-47434540	Head	3	4
2627	JHU_Ag_82066	NMSVHLSPCFRDVEAGDIVTVGECRPLSK	46	AGAP009998-PA	Splice junction	3R:+:47432961-47432992,47434540-47434594	Malpighian tubule	3	4
2628	JHU_Ag_90664	NMYITDVR	47	AGAP012674-PA	Splice junction	UNKN:+:23086411-23086433,23086505-23086505;3R:-:31916785-31917006,31916560-31916690	Male reproductive organs	1	2
2629	JHU_Ag_10120	NNDLEAELNQTKEELQQYK	42	AGAP001469-PA	Splice junction	2R:+:5343277-5343318,5343419-5343433	Head	4	5
2630	JHU_Ag_94525	NNEYLSGLNENEREEIDCYVQR	47	AGAP010983-PA	Splice junction	3L:+:14479370-14479400,14480549-14480583	Midgut	1	2
2631	JHU_Ag_36340	NNEYVFSFDK	60	AGAP004708-PA	residue overlap splice site	2L:-:2472606-2472577	Ovary	3	4
2632	JHU_Ag_86090	NNFDLSIDEQEIKPGR	47	AGAP010818-PA,AGAP010815-PA	Splice junction,Splice junction	3L:+:11285241-11285246,11285311-11285352;3L:-:11204997-11205247,11204723-11204891	Midgut	6	7
2633	JHU_Ag_75855	NNIGMVVIR	58	AGAP002706-PA	Splice junction	2R:-:25831162-25831292,25831007-25831049	Ovary	2	3
2634	JHU_Ag_59527	NNSFQALIQYPDAQTAQTAR	62	AGAP003945-PA	Splice junction	2R:-:46732676-46732948,46732296-46732537	Ovary	4	5
2635	JHU_Ag_34126	NNVDTDTLEADPDNVEEEIVEILVR	62	AGAP012140-PA	Splice junction	3L:+:38010789-38010792,38010878-38010948	Remaining organs	3	4
2636	JHU_Ag_60281	NPALIPLYVCIAMGSAGAVFYTLR	57	AGAP003325-PA	Splice junction	2R:+:35980693-35980701,35980915-35980977	Ovary	1	2
2637	JHU_Ag_7998	NPDHRPFIMEVIEHPFLTQVPENDYHLSQELK	51	AGAP009730-PA	Splice junction	3R:-:41859263-41859466,41858843-41859101	Head	3	4

2638	JHU_Ag_26607	NPDKWNGVWPWNDR	82	AGAP003938-PA	Splice junction	2R:-:46555673-46555747,46555531-46555548	Remaining organs	3	4
2639	JHU_Ag_23614	NPEKVPVVDLVQFGYFK	57	AGAP011706-PA	Splice junction	3L:-:31717900-31718109,31717517-31717640	Malpighian tubule	3	4
2640	JHU_Ag_14278	NPFTDKLVNER	91	AGAP002858-PB	Splice junction	2R:+:28379816-28379847,28386399-28386399	Head	6	7
2641	JHU_Ag_22700	NPIEKGDITNGLAIEAAPYGSSVDMIK	166	AGAP011026-PA	Splice junction	3L:-:14584511-14584565,14583939-14584365	Salivary gland	6	7
2642	JHU_Ag_55914	NPIELFNALYR	45	AGAP005771-PA	Splice junction	2L:-:20421372-20421933,20421122-20421263	Male reproductive organs	5	6
2643	JHU_Ag_42379	NPLDSFLNAVQATIDGPVTWFR	140	AGAP007780-PA	residue overlap splice site	3R:-:760818-760753	Remaining organs	1	2
2644	JHU_Ag_23852	NPLIEVDYFDEHTGEDDGDISDLK	63	AGAP008882-PA	Splice junction	3R:+:20276520-20276564,20276640-20276666	Ovary	2	3
2645	JHU_Ag_4039	NPLPDVEAIQAEK	83	AGAP000235-PC	Splice junction	X:+:4425480-4425501,4428285-4428301	Ovary	1	2
2646	JHU_Ag_24791	NPPPGTVVDDIVTLPERTDFFLISQSVR	73	AGAP011204-PA	Splice junction	3L:+:19315397-19315446,19315528-19315561	Ovary	3	4
2647	JHU_Ag_9652	NPQVPQPVPIPAQPVAQQAVIVK	106	AGAP011092-PA	residue overlap splice site	3L:-:16475397-16475329	Salivary gland	2	3
2648	JHU_Ag_9283	NPSANNPTLDPYPNLLVNSLR	35	AGAP004324-PA	residue overlap splice site	2R:-:54490754-54490692	Pupa	2	3
2649	JHU_Ag_78831	NPSANNPTLDPYPNLLVNSLRR	90	AGAP004324-PA	Splice junction	2R:-:54490754-54490912,54489846-54490620	Ovary	2	3
2650	JHU_Ag_67215	NPTIVNFPVK	56	AGAP008381-PA	Splice junction	3R:+:10152637-10152665,10152735-10152735	Ovary	1	2
2651	JHU_Ag_19567	NPTYGAWNGDLGIVENK	65	AGAP011279-PA	Splice junction	3L:+:20520805-20520837,20520928-20520945	Head	7	8
2652	JHU_Ag_74111	NPVFEQLLQTQSDDIFKK	55	AGAP003606-PA	Splice junction	2R:-:40469886-40469961,40469550-40469754	Head	2	3
2653	JHU_Ag_61070	NPVIEVVINVPSIK	58	AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction	2R:+:41200513-41200554;2R:+:41200513-41200554;2R:+:41200513-41200554	Malpighian tubule	34	35
2654	JHU_Ag_4745	NQAEDHHHLQTPA	43	AGAP001281-PA,AGAP001281-PB	Splice junction,Splice junction	2R:+:2274049-2274055,2274159-2274190;2R:+:2274049-2274055,2274159-2274190	Head	4	5
2655	JHU_Ag_45130	NQALHLSSYQTNLVDPMIASTNELIK	38	AGAP005710-PA	Splice junction	2L:+:19246493-19246522,19246590-19246637	Midgut	7	8
2656	JHU_Ag_48391	NQEAEAKAIAELSMPTK	65	AGAP006879-PA	Splice junction	2L:+:39320286-39320295,39320373-39320413	Malpighian tubule	2	3
2657	JHU_Ag_80133	NQHNEFPSDLYLILEAANATLTILESQGK	128	AGAP006225-PA	Splice junction	2L:+:28536255-28536324,28536395-28536411	Larva	3	4
2658	JHU_Ag_61099	NQLDQELSIFQESLNTIK	147	AGAP003416-PA	Splice junction	2R:-:37467846-37467933,37467626-37467718	Ovary	1	2
2659	JHU_Ag_70533	NQQTTIEHKVDTFASVYK	95	AGAP010592-PA	Splice junction	3L:+:6566263-6566289,6566439-6566465	Midgut	2	3
2660	JHU_Ag_4612	NQVAMNPNNTIFDAK	88	AGAP004944-PA	Splice junction	2L:-:6546001-6546169,6544141-6545872	Malpighian tubule	1	2
2661	JHU_Ag_18485	NRAEVIPLVEK	51	AGAP004352-PB	Splice junction	2R:-:54947340-54947438,54946286-54947228	Head	3	4
2662	JHU_Ag_78984	NREPPIIFTDVDSK	81	AGAP007760-PA	Splice junction	3R:+:422145-422180,422257-422262	Pupa	1	2
2663	JHU_Ag_54614	NRHPNFMVVDK	44	AGAP002473-PA	residue overlap splice site	2R:-:21851481-21851449	Head	2	3
2664	JHU_Ag_1660	NRPFVDDFQDIYDK	47	AGAP003343-PA	Splice junction	2R:+:36314616-36314653,36314721-36314724	Malpighian tubule	1	2
2665	JHU_Ag_90259	NRPFVDDFQDIYDKYR	89	AGAP003343-PA	Splice junction	2R:+:36314616-36314653,36314721-36314730	Midgut	1	2
2666	JHU_Ag_65193	NRPHPTTNFETLVHLLK	113	AGAP009895-PA,AGAP009895-PB	Splice junction,Splice junction	3R:-:44907036-44907153,44906660-44906902;3R:-:44907036-44907153,44906660-44906902	Head	1	2
2667	JHU_Ag_35019	NRYFTPYDQALVDNCNTCK	96	AGAP007684-PA	Splice junction	2L:-:49015196-49015321,49014777-49015066	Malpighian tubule	2	3
2668	JHU_Ag_36057	NSAGACVDIDECAR	87	AGAP011322-PA	Splice junction	3L:-:21053508-21053756,21053078-21053196	Malpighian tubule	9	10
2669	JHU_Ag_40357	NSAGGRFEGPDFNLDPTAR	74	AGAP001966-PA	Splice junction	2R:-:12981001-12981124,12980275-12980881	Malpighian tubule	5	6
2670	JHU_Ag_73820	NSAIVAETCTPSK	66	AGAP008115-PA	Splice junction	3R:+:5867062-5867082,5867655-5867672	Head	2	3
2671	JHU_Ag_777	NSAYDKPTKPTTAPVPETTSSSKPGK	115	AGAP007668-PA	Splice junction	2L:-:48888008-48888419,48887512-48887839	Head	1	2
2672	JHU_Ag_76715	NSFEVK	37	AGAP010855-PA	Splice junction	2R:-:46708529-46708512;3L:+:12081198-12081203,12081281-12081292	Ovary	4	5
2673	JHU_Ag_10451	NSFLLNIK	57	AGAP010821-PA	residue overlap splice site	3L:+:11335292-11335315	Midgut	1	2
2674	JHU_Ag_110850	NSHASDALDFR	34	AGAP000341-PA	Splice junction	X:-:5898599-5898736,5898219-5898498	Midgut	3	4
2675	JHU_Ag_114678	NSHASDALDFRQEER	60	AGAP000341-PA	Splice junction	X:-:5898599-5898736,5898219-5898486	Malpighian tubule	3	4
2676	JHU_Ag_17792	NSKDPVIVDFFATWCAPCR	106	AGAP007201-PA	Splice junction	2L:+:44269137-44269174,44269269-44269287	Remaining organs	1	2
2677	JHU_Ag_18522	NSMYTVEGGHR	35	AGAP009642-PA	Splice junction	3R:-:37487856-37487973,37486768-37487410	Larva	1	2
2678	JHU_Ag_12352	NSNYLHR	34	AGAP009105-PA	Splice junction	3R:-:25646644-25647391,25646265-25646533	Head	2	3

2679	JHU_Ag_13575	NSPRPWYDYDLVAYQK	90	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Splice junction,Splice junction,Splice junction	2L:+:47651524-47651536,47652990-47653024;2L:+:47651524-47651536,47652990-47653024;2L:+:47651524-47651536,47652990-47653024	Head	9	10
2680	JHU_Ag_33826	NSQDVELQQLPPLK	79	AGAP004096-PB	residue overlap splice site	2R:-:49735282-49735241	Head	1	2
2681	JHU_Ag_12430	NSYELAILGK	62	AGAP000188-PB	Splice junction	X:+:3077482-3077496,3079562-3079576	Male reproductive organs	4	5
2682	JHU_Ag_32706	NTAWNEGAAMSSMR	102	AGAP001240-PA	Splice junction	2R:+:1883966-1884002,1884092-1884096	Midgut	4	5
2683	JHU_Ag_20323	NTDLHVFPDGK	34	AGAP003440-PA	Splice junction	2R:+:37765060-37765067,37765143-37765167	Midgut	2	3
2684	JHU_Ag_4279	NTFSLNFANPAAR	89	AGAP002465-PA	Splice junction	2R:+:21826760-21826780,21826850-21826867	Male reproductive organs	2	3
2685	JHU_Ag_62692	NTIQFHVFR	64	AGAP009110-PA	Splice junction	3R:-:25664318-25664729,25663537-25664218	Head	1	2
2686	JHU_Ag_3559	NTNVVWVSCSGENPADNEHIGAIQYIPR	109	AGAP009595-PA	Splice junction	3R:+:36764831-36764833,36764910-36764990	Pupa	5	6
2687	JHU_Ag_71721	NTNVVWVSCSGENPADNEHIGAIQYIPRR	137	AGAP009595-PA	Splice junction	3R:+:36764831-36764833,36764910-36764993	Malpighian tubule	5	6
2688	JHU_Ag_99934	NTSIFVSWAIAQVVTTASGIISYPFDTVR	120	AGAP006782-PA	Splice junction	2L:-:38182586-38183047,38179028-38179223	Ovary	2	3
2689	JHU_Ag_38695	NTTLGNTLQESLDELIQYGQITPQLAVR	119	AGAP004370-PA	Splice junction	2R:+:55365452-55365502,55365596-55365628	Ovary	1	2
2690	JHU_Ag_6700	NTYNVHAVSTLVK	67	AGAP004880-PB	residue overlap splice site	2L:+:4908195-4908233	Larva	3	4
2691	JHU_Ag_73062	NVDEILR	35	AGAP011824-PA	Splice junction	3L:-:33861117-33861327,33860955-33861018	Head	3	4
2692	JHU_Ag_8073	NVEDANEAELQTICK	85	AGAP001053-PB,AGAP001053-PF	Splice junction,Splice junction	X:+:21347652-21347673,21354151-21354173;X:+:21347652-21347673,21354151-21354173	Pupa	2	3
2693	JHU_Ag_20304	NVEDANEDQAR	39	AGAP001053-PA,AGAP001053-PH	Splice junction,Splice junction	X:+:21347652-21347673,21349494-21349504;X:+:21347652-21347673,21349494-21349504	Remaining organs	2	3
2694	JHU_Ag_21468	NVEDANEDQARK	88	AGAP001053-PA,AGAP001053-PH	Splice junction,Splice junction	X:+:21347652-21347673,21349494-21349507;X:+:21347652-21347673,21349494-21349507	Male reproductive organs	2	3
2695	JHU_Ag_4797	NVEDANEDQLK	77	AGAP001053-PC,AGAP001053-PD	Splice junction,Splice junction	X:+:21347652-21347673,21357063-21357073;X:+:21347652-21347673,21357063-21357073	Head	2	3
2696	JHU_Ag_24495	NVEDANEDQLKDIVK	109	AGAP001053-PC,AGAP001053-PD	Splice junction,Splice junction	X:+:21347652-21347673,21357063-21357085;X:+:21347652-21347673,21357063-21357085	Head	2	3
2697	JHU_Ag_12914	NVEGWEVGTWYGEPVFK	131	AGAP009652-PA	Splice junction	3R:-:37625461-37625664,37625238-37625343	Remaining organs	2	3
2698	JHU_Ag_95378	NVESYTQFKPSAQSDSTVTYGPYDNVAAFSHEPMTIHFENFTPFLTVTR	42	AGAP010174-PA	Splice junction	3R:+:49911910-49911991,49912068-49912132	Midgut	1	2
2699	JHU_Ag_54750	NVEVWGVGDKPVKEDEGEDEK	36	AGAP007765-PA	Splice junction	3R:-:498717-498849,498481-498589	Midgut	6	7
2700	JHU_Ag_22394	NVFVIK	51	AGAP012168-PA	Splice junction	3L:-:38264970-38265077,38264782-38264882	Male reproductive organs	2	3
2701	JHU_Ag_1586	NVHECKPCNCNGYSTK	75	AGAP007629-PB	Splice junction	2L:+:48477679-48477697,48478407-48478435	Malpighian tubule	2	3
2702	JHU_Ag_9958	NVNSELDLSKVEVGLFTPQGSLK	86	AGAP005856-PA	Splice junction	2L:-:22628578-22628683,22627883-22628414	Malpighian tubule	1	2
2703	JHU_Ag_90950	NVPVWQLLAEMEPEELVSTIDFR	127	AGAP007421-PA	Splice junction	2L:+:46554123-46554164,46559571-46559597	Malpighian tubule	3	4
2704	JHU_Ag_62155	NVYLTEPVKDDVQQSFFLAETLK	57	AGAP000558-PA,AGAP000558-PB	residue overlap splice site,residue overlap splice site	X:+:9925714-9925782;X:+:9925714-9925782	Salivary gland	5	6
2705	JHU_Ag_10944	NYGDHYAVFEPGTR	60	AGAP002192-PB,AGAP002192-PA	Splice junction,Splice junction	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	Ovary	2	3
2706	JHU_Ag_31969	NYHASVINIQTVNEKR	59	AGAP000550-PA	residue overlap splice site	X:+:9852527-9852570,9852683-9852686	Malpighian tubule	7	8
2707	JHU_Ag_8185	NYICTEDFCDNYR	60	AGAP007053-PA	Splice junction	2L:+:41882757-41882786,41882855-41882863	Midgut	1	2
2708	JHU_Ag_18295	NYNLFDDELHYVDR	51	AGAP011767-PA	Splice junction	3L:+:33029536-33029543,33029690-33029723	Head	2	3

2709	JHU_Ag_69829	NYQNIYPPSATLHLSNIPATVTEDEIKEAFTK	36	AGAP003945-PA	Splice junction	2R:-:46713474-46713638,46708495-46708530	Ovary	9	10
2710	JHU_Ag_27608	NYTSYFGGSPSFTNLENSTR	179	AGAP009036-PA	Splice junction	3R:+:24438023-24438048,24438768-24438801	Malpighian tubule	10	11
2711	JHU_Ag_33099	NYVDVPK	40	AGAP006275-PA	Splice junction	2L:+:29083600-29083602,29083717-29083734	Male reproductive organs	5	6
2712	JHU_Ag_106419	NYVDVPKVVVLDNNELNEV	96	AGAP006275-PA	Splice junction	2L:+:29083600-29083602,29083717-29083770	Malpighian tubule	5	6
2713	JHU_Ag_65163	NYVVLQGADFSLSCEATGTPYPTVK	103	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41201651-41201725;2R:+:41201651-41201725;2R:+:41201651-41201725	Midgut	36	37
2714	JHU_Ag_99541	PAYHSQIKDYSQSVGNMAILPIR	47	AGAP001712-PA	Splice junction	2R:-:8860113-8860116,8859374-8859839	Malpighian tubule	1	2
2715	JHU_Ag_104391	PEAPARNPLDSFLNAVQATIDGPVTWFR	152	AGAP007780-PA	residue overlap splice site	3R:-:760836-760753	Midgut	1	2
2716	JHU_Ag_13771	PEYQYLSGFGSHFSSEDAR	49	AGAP009609-PA	Splice junction	3R:-:36998769-36998772,36997876-36998291	Malpighian tubule	1	2
2717	JHU_Ag_91342	PEYQYLSGFGSHFSSEDARFPNALPVGQNSPQK	86	AGAP009609-PA	Splice junction	3R:-:36998769-36998772,36997876-36998249	Malpighian tubule	1	2
2718	JHU_Ag_17715	QAADMILLDDNFASIVTGVEEGR	51	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412	Remaining organs	4	5
2719	JHU_Ag_51858	QAAEQTLSILEGR	74	AGAP011281-PA	Splice junction	3L:+:20533097-20533119,20533188-20533203	Ovary	2	3
2720	JHU_Ag_52742	QAAEQTLSILEGRDPDYQK	105	AGAP011281-PA	Splice junction	3L:+:20533097-20533119,20533188-20533221	Ovary	2	3
2721	JHU_Ag_113238	QAALALQSYHNTYTPHMAPNFVGR	86	AGAP003615-PA	Splice junction	2R:+:40554187-40554237,40554315-40554335	Salivary gland	2	3
2722	JHU_Ag_16525	QADYLNLVQCETLEDLK	92	AGAP000721-PA	Splice junction	X:+:13134198-13134240,13134758-13134765	Salivary gland	1	2
2723	JHU_Ag_29064	QAETDDQNPMNLATK	101	AGAP003430-PA	Splice junction	2R:-:37685211-37685712,37684925-37685087	Malpighian tubule	3	4
2724	JHU_Ag_37607	QAFDDAIAELDTLNEDSYK	127	AGAP007643-PA,AGAP007643-PC	Splice junction,Splice junction	2L:-:48611354-48611515,48609260-48609362;2L:-:48610386-48610547,48609260-48609362	Remaining organs	5	6
2725	JHU_Ag_13198	QAFDDAIAELDTLNEDSYKDSTLIMQLLR	105	AGAP007643-PA,AGAP007643-PC	Splice junction,Splice junction	2L:-:48611354-48611515,48609260-48609332;2L:-:48610386-48610547,48609260-48609332	Midgut	5	6
2726	JHU_Ag_5773	QAHYQGLSFTTISASGPNGSIIHYHPLPETNRPITANELYLCDSGAQYLDGTTDVTR	60	AGAP001037-PA	Splice junction	X:-:19939827-19940940,19939286-19939569	Malpighian tubule	1	2
2727	JHU_Ag_117216	QAITFISEGCR	39	AGAP012611-PA,AGAP012799-PA	Splice junction,Splice junction	UNKN:-:19944432-19944659,19944221-19944331;UNKN:+:29843372-29843401,29843471-29843473;2R:+:41002676-41002705,41002782-41002784	Salivary gland	2	3
2728	JHU_Ag_103406	QALCGVIFEVPTMTGEK	36	AGAP010239-PB,AGAP010239-PC	Splice junction,Splice junction	3R:+:51406341-51406343,51406575-51406622;3R:+:51406341-51406343,51406575-51406622	Male reproductive organs	3	4
2729	JHU_Ag_66632	QALFLATLGGAQALALDEK	67	AGAP005282-PA	Splice junction	2L:+:13622032-13622068,13622138-13622157	Ovary	4	5
2730	JHU_Ag_99823	QALQVVSSSLAGGEVK	110	AGAP009891-PA	Splice junction	3R:+:44874405-44874416,44881251-44881286	Midgut	1	2
2731	JHU_Ag_17485	QAMIEDPLEDPSNGDK	70	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	Splice junction,Splice junction,Splice junction	2R:+:42298546-42298584,42298656-42298664;2R:+:42298546-42298584,42298656-42298664;2R:+:42298546-42298584,42298656-42298664	Head	4	5
2732	JHU_Ag_69458	QAMIEDPLEDPSNGDKVYK	34	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	Splice junction,Splice junction,Splice junction	2R:+:42298546-42298584,42298656-42298673;2R:+:42298546-42298584,42298656-42298673;2R:+:42298546-42298584,42298656-42298673	Midgut	4	5
2733	JHU_Ag_78495	QAPNEMNLELDGRGNIK	38	AGAP006360-PA	Splice junction	2L:+:30489204-30489222,30489292-30489323	Malpighian tubule	10	11
2734	JHU_Ag_88249	QASDYLAVFFYSDDCK	79	AGAP006452-PA	residue overlap splice site	2L:+:32292031-32292061,32292147-32292163	Remaining organs	16	17
2735	JHU_Ag_23943	QASPNIVIALAGNK	59	AGAP007901-PB	Splice junction	3R:+:2591024-2591026,2591159-2591197	Midgut	2	3
2736	JHU_Ag_28219	QASPNIVIALAGNKADLANSR	126	AGAP007901-PB	Splice junction	3R:+:2591024-2591026,2591159-2591218	Malpighian tubule	2	3

2737	JHU_Ag_73354	QATLEESLVDPKTGDSVHK	57	AGAP001588-PA	Splice junction	2R:-:6494528-6494696,6493905-6493970	Malpighian tubule	3	4
2738	JHU_Ag_18604	QATNIKVNIDMAQEAVK	61	AGAP000622-PA	Splice junction	X:+:11248565-11248571,11249274-11249317	Ovary	2	3
2739	JHU_Ag_24499	QAVDVVTIEDSTR	93	AGAP005632-PA,AGAP012896-PA	Splice junction,Splice junction	2L:+:18018455-18018475,18018547-18018564;UNKN:-:37144176-37144466,37143860-37144067	Head	3	4
2740	JHU_Ag_2508	QCAVDPSLLDECGLEPEVK	121	AGAP011190-PA	Splice junction	3L:-:18876621-18877134,18876280-18876467	Head	1	2
2741	JHU_Ag_36378	QDFNPDALLFAPFILTPSSFPR	64	AGAP000534-PB,AGAP000534-PA	Splice junction,Splice junction	X:+:9555550-9555576,9555679-9555717;X:+:9555550-9555576,9555679-9555717	Malpighian tubule	1	2
2742	JHU_Ag_6741	QDLPNAMNAAEITDK	116	AGAP012014-PA	Splice junction	3L:+:36310656-36310658,36310836-36310877	Head	3	4
2743	JHU_Ag_23125	QDLPNAMNAAEITDKLGLHSLR	46	AGAP012014-PA	Splice junction	3L:+:36310656-36310658,36310836-36310898	Salivary gland	3	4
2744	JHU_Ag_58930	QDQCLASTTLLAQPDQR	90	AGAP010134-PA	Splice junction	3R:+:49304363-49304391,49304482-49304503	Head	2	3
2745	JHU_Ag_109346	QDYAASEVYSTTSEAPPAYK	78	AGAP006063-PA	Splice junction	2L:+:25950398-25950448,25964303-25964311	Salivary gland	1	2
2746	JHU_Ag_14238	QDYDLK	40	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20527942-20527953,20528026-20528031;2R:+:20527942-20527953,20528026-20528031;2R:+:20527942-20527953,20528026-20528031;2R:+:20527942-20527953,20528026-20528031;2R:+:20527942-20527953,20528026-20528031	Male reproductive organs	3	4
2747	JHU_Ag_63003	QEAELK	36	AGAP003292-PA	Splice junction	2R:+:35189200-35189211,35189285-35189290;2R:-:41039877-41039860;2R:-:41039877-41039860	Midgut	5	6
2748	JHU_Ag_107376	QEAGAERPVGILTQR	57	AGAP000162-PA	Splice junction	X:-:2832694-2832875,2832497-2832563	Pupa	5	6
2749	JHU_Ag_23341	QELINELKDTNQK	79	AGAP000561-PA	Splice junction	X:+:9955191-9955216,9955327-9955339	Head	3	4
2750	JHU_Ag_41280	QEMLEIVTAIYK	68	AGAP007247-PC	Splice junction	2L:+:44628093-44628116,44628326-44628337	Remaining organs	3	4
2751	JHU_Ag_107760	QESLHQIFSQLTITVIDVNNKPPQITLPR	39	AGAP002828-PA	Splice junction	2R:+:28061833-28061913,28061982-28061987	Midgut	6	7
2752	JHU_Ag_10060	QESYFTYLFGVTEPGCYGTVEIK	38	AGAP004775-PA	Splice junction	2L:-:3415494-3415683,3415202-3415328	Midgut	1	2
2753	JHU_Ag_75822	QETFDAGLSAFEHEGIHNITALK	127	AGAP006686-PA	Splice junction	2L:+:36698304-36698322,36698402-36698451	Head	2	3
2754	JHU_Ag_61904	QFANDYINEVLHEDNEDEER	62	AGAP009036-PA	Splice junction	3R:+:24442386-24442398,24443467-24443513	Midgut	14	15
2755	JHU_Ag_15828	QFANDYINEVLHEDNEDEERQAAGPSEDWDGGGLTFTAK	101	AGAP009036-PA	Splice junction	3R:+:24442386-24442398,24443467-24443570	Malpighian tubule	14	15
2756	JHU_Ag_65346	QFDHQNDGSTQLLSGCLR	45	AGAP005404-PA	Splice junction	2L:-:15148982-15149138,15147772-15148614	Midgut	3	4
2757	JHU_Ag_92114	QFGPLVR	44	AGAP005845-PA	Splice junction	2L:-:22428141-22428391,22427963-22428046	Malpighian tubule	5	6
2758	JHU_Ag_70234	QFGYVVLTTSGGIMDHEEAR	93	AGAP000541-PA	Splice junction	3R:+:36372330-36372389;X:+:9681579-9681586,9683402-9683453	Ovary	1	2
2759	JHU_Ag_15820	QFLGIWYVIQK	63	AGAP011478-PA	Splice junction	3L:-:25048917-25049055,25044226-25044422	Head	1	2
2760	JHU_Ag_115567	QFTLSDLYALDLHK	66	AGAP005007-PA	Splice junction	2L:-:7816580-7817843,7816277-7816460	Ovary	2	3
2761	JHU_Ag_4134	QGAQNIIYAATDNVNTEEKNPVTGYFVTNVK	117	AGAP006529-PA	Splice junction	2L:-:33925175-33925964,33924934-33925015	Head	1	2
2762	JHU_Ag_4908	QGDAADGMYFIEDGK	82	AGAP004940-PA	Splice junction	2L:+:6260314-6260317,6260424-6260464	Head	6	7
2763	JHU_Ag_102197	QGDAADGMYFIEDGKVSIR	39	AGAP004940-PA	Splice junction	2L:+:6260314-6260317,6260424-6260476	Malpighian tubule	6	7
2764	JHU_Ag_107091	QGDLAAIR	30	AGAP004244-PA	Splice junction	2R:+:53102003-53102009,53102308-53102324	Midgut	1	2
2765	JHU_Ag_44520	QGEIITVYPSR	44	AGAP004708-PA	Splice junction	2L:-:2472202-2472505,2471997-2472078	Salivary gland	4	5
2766	JHU_Ag_4292	QGFQCQVCSFVVHK	96	AGAP012252-PA	Splice junction	3L:+:39365724-39365742,39365831-39365853	Head	3	4
2767	JHU_Ag_30619	QGGLGEAVLSALAEQR	58	AGAP011161-PA	Splice junction	3L:+:18118374-18118421	Male reproductive organs	3	4
2768	JHU_Ag_106092	QGGLGEAVLSALAEQRNFVVK	63	AGAP011161-PA	Splice junction	3L:+:18118374-18118436	Malpighian tubule	3	4
2769	JHU_Ag_35105	QGIEDLDIHDFK	58	AGAP001341-PA	Splice junction	2R:+:3329343-3329365,3329440-3329452	Midgut	4	5
2770	JHU_Ag_30612	QGIPVETTQK	36	AGAP004990-PA	residue overlap splice site	2L:+:7586135-7586164	Ovary	1	2
2771	JHU_Ag_104795	QGITESNENGDGDGDADGELEAGTDDQKPEGK	82	AGAP007361-PA	Splice junction	2L:+:46059458-46059468,46059538-46059622	Salivary gland	3	4
2772	JHU_Ag_1285	QGLLPLTFANPADYDKVQPTSK	142	AGAP007852-PB	Splice junction	3R:-:2122855-2123099,2122554-2122731	Head	5	6
2773	JHU_Ag_69937	QGVLTNTR	50	AGAP002919-PA	Splice junction	2R:-:29610485-29610674,29609284-29610373	Malpighian tubule	2	3
2774	JHU_Ag_7624	QHGPGQHAGFEYGR	95	AGAP011172-PA	Splice junction	3L:-:18229087-18229208,18228606-18228963	Pupa	2	3
2775	JHU_Ag_78777	QHIVPNCVPVK	55	AGAP006962-PA	Splice junction	2L:+:40275346-40275361,40275425-40275441	Salivary gland	1	2
2776	JHU_Ag_5844	QHLIPLEEVQLQALEDNGQYR	107	AGAP010307-PA	Splice junction	3R:-:53086706-53086918,53085300-53085418	Head	2	3

2777	JHU_Ag_69274	QHNVIGVNFNK	65	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	Splice junction,Splice junction,Splice junction,Splice junction	2R:-:46563536-46563789,46563141-46563387;2R:-:46563536-46563789,46563141-46563387;2R:-:46563536-46563789,46563141-46563387;2R:-:46563536-46563789,46563141-46563387	Remaining organs	3	4
2778	JHU_Ag_1987	QHTNIVPLQFDVK	36	AGAP000564-PA	Splice junction	X:-:10020690-10020711,10020009-10020567	Midgut	2	3
2779	JHU_Ag_46060	QIADDSHRNVGR	46	AGAP002518-PA	Splice junction	2R:-:22186663-22186881,22186057-22186529	Malpighian tubule	3	4
2780	JHU_Ag_19162	QIANVAALPGIVGR	68	AGAP008147-PA	Splice junction	3R:+:6188196-6188236,6188315-6188315	Head	1	2
2781	JHU_Ag_10176	QIAVDQQYK	46	AGAP006782-PA	residue overlap splice site	2L:-:38183933-38183907	Pupa	1	2
2782	JHU_Ag_13797	QIAVDQQYKGIVDCFVR	87	AGAP006782-PA	Splice junction	2L:-:38183933-38184068,38182551-38183025	Head	1	2
2783	JHU_Ag_8489	QICPNNSPTNQRELIR	32	AGAP007537-PA,AGAP007537-PB	Splice junction,Splice junction	2L:+:47342894-47342896,47342964-47343008;2L:+:47342894-47342896,47342964-47343008	Head	11	12
2784	JHU_Ag_56231	QIDDLADYFPGELINK	36	AGAP001523-PA	Splice junction	2R:-:5838578-5838593,5838404-5838483	Male reproductive organs	1	2
2785	JHU_Ag_100862	QIEEFRVNPEK	39	AGAP009949-PA	Splice junction	3R:+:46040907-46040936,46041021-46041023	Ovary	2	3
2786	JHU_Ag_7424	QIEGHTICALGDGAAWPVQGLIR	100	AGAP010039-PA	Splice junction	3R:-:48117934-48118953,48117728-48117797	Head	2	3
2787	JHU_Ag_77558	QIEHTPIDPCRPSPCGPYSQCR	61	AGAP010023-PA	Splice junction	3R:+:47886568-47886568,47886659-47886723	Salivary gland	6	7
2788	JHU_Ag_84201	QIEQDAPVSETSPHIANIGR	97	AGAP007864-PB	Splice junction	3R:+:2355685-2355687,2356260-2356316	Pupa	2	3
2789	JHU_Ag_813	QIHIPGSPFQFTVGPLK	69	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	Splice junction,Splice junction,Splice junction	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	Malpighian tubule	2	3
2790	JHU_Ag_1692	QILQNEQPLQVAR	69	AGAP011174-PA	Splice junction	3L:-:18236186-18236330,18235950-18236081	Salivary gland	3	4
2791	JHU_Ag_41425	QILSGDSLILR	60	AGAP005672-PA	Splice junction	2L:-:18541844-18541919,18540271-18540366	Pupa	1	2
2792	JHU_Ag_102906	QILSMVPLALR	51	AGAP008830-PA	Splice junction	3R:-:19117537-19117648,19111135-19111404	Malpighian tubule	1	2
2793	JHU_Ag_26988	QILVPLTGSMYVPGTIK	49	AGAP003416-PA	Splice junction	2R:-:37467648-37467756,37467485-37467536	Midgut	2	3
2794	JHU_Ag_27601	QIPYIVMDYDIPK	61	AGAP012533-PA,AGAP003328-PA	Splice junction,Splice junction	UNKN:+:11896075-11896090,11896252-11896274;2R:+:36027755-36027770,36027933-36027955	Head	1	2
2795	JHU_Ag_16136	QKLPDVYIILPTLLPR	46	AGAP000939-PA	Splice junction	X:-:18125528-18125825,18120272-18120539	Head	2	3
2796	JHU_Ag_12	QKPPVFVRPLQDHK	38	AGAP005471-PA	Splice junction	2L:+:16049706-16049747	Remaining organs	23	24
2797	JHU_Ag_55531	QLAAEALTEITQLLTK	100	AGAP006617-PA	Splice junction	2L:+:34749067-34749112,34749180-34749181	Ovary	2	3
2798	JHU_Ag_55244	QLAEAAFQYAIEK	41	AGAP000132-PA	Splice junction	X:-:2084052-2084292,2083834-2083921	Head	1	2
2799	JHU_Ag_57806	QLAELFPLTIIHMNDLHAR	126	AGAP011971-PA	Splice junction	3L:+:35698509-35698564,35698621-35698621	Salivary gland	1	2
2800	JHU_Ag_63182	QLAELSK	50	AGAP002251-PA	Splice junction	2R:-:18197755-18197791,18196438-18196530	Ovary	1	2
2801	JHU_Ag_79585	QLAPINTVEFLDEIEEINKEATSLK	44	AGAP003629-PA	Splice junction	2R:-:40700047-40700251,40698551-40699736	Malpighian tubule	3	4
2802	JHU_Ag_40463	QLDIDPQEVVGGAGACGVR	68	AGAP009598-PA	Splice junction	3R:-:36880639-36880756,36880342-36880510	Head	14	15
2803	JHU_Ag_52963	QLDSVPASIEALPEIVAAVGR	95	AGAP010885-PA	Splice junction	3L:-:12478983-12479215,12478591-12478849	Midgut	2	3
2804	JHU_Ag_28656	QLDTYALQFPEMK	46	AGAP005076-PA,AGAP005076-PB	residue overlap splice site,residue overlap splice site	2L:+:9687114-9687152;2L:+:9687114-9687152;2L:+:9687114-9687152	Head	3	4
2805	JHU_Ag_31952	QLENALKAFLKPNQTIQLTAK	96	AGAP003599-PA	Splice junction	2R:-:40405228-40405654,40404984-40405098	Malpighian tubule	2	3
2806	JHU_Ag_72320	QLFAQVTNPPIDPFREK	66	AGAP006360-PA	residue overlap splice site	2L:+:30484659-30484702,30484773-30484779	Head	7	8
2807	JHU_Ag_66806	QLFDEQSHTYSYLLADITTK	49	AGAP003337-PA	Splice junction	2R:-:36291207-36291450,36290469-36290557	Remaining organs	1	2
2808	JHU_Ag_43257	QLIKQQQQEQQQTLTPNK	33	AGAP011496-PA	Splice junction	3L:+:25452648-25452686,25452807-25452821	Midgut	1	2
2809	JHU_Ag_112297	QLITASNIVK	40	AGAP006808-PA	Splice junction	2L:-:38682495-38682979,38682149-38682379	Ovary	2	3
2810	JHU_Ag_6351	QLLEQNVER	49	AGAP009506-PA	Splice junction	3R:+:34966267-34966281,34966359-34966370	Ovary	1	2
2811	JHU_Ag_59358	QLLESTTNYDDR	35	AGAP000904-PA	Splice junction	X:+:17092932-17092937,17093068-17093097	Head	4	5
2812	JHU_Ag_32163	QLLLMSSSAVHGFGYLEHAESDLTSFLK	65	AGAP000513-PB	residue overlap splice site	X:+:9095925-9096008	Ovary	1	2
2813	JHU_Ag_47364	QLNGDSPWEYDEITLIR	96	AGAP000255-PD	Splice junction	X:-:4829674-4829704,4829242-4829470	Head	2	3

2814	JHU_Ag_13586	QLNNLALLCQNQAK	49	AGAP010258-PA	Splice junction	3R:+:51718808-51718843,51718925-51718930	Head	3	4
2815	JHU_Ag_106345	QLPVMQLGSMEPLCPTDGHFAIDDQK	34	AGAP004367-PA	Splice junction	2R:-:55098191-55099509,55097834-55098047	Head	3	4
2816	JHU_Ag_30938	QLQSAEVTVGTLDLSHSEEESFDK	33	AGAP002272-PC,AGAP002272-PB	Splice junction,Splice junction	2R:+:18456484-18456541,18456625-18456638;2R:+:18456484-18456541,18456625-18456638	Head	15	16
2817	JHU_Ag_32668	QLSVRLEEVEVNAVAGSR	42	AGAP004877-PA,AGAP004877-PB	Splice junction,Splice junction	2L:+:4864719-4864772;2L:+:4864719-4864772	Malpighian tubule	8	9
2818	JHU_Ag_92179	QLTEDKFIVK	34	AGAP001407-PA	Splice junction	2R:-:4205817-4205918,4204769-4205723	Ovary	2	3
2819	JHU_Ag_7672	QLTEQEQSSQQCVTK	105	AGAP004877-PA,AGAP004877-PB	Splice junction,Splice junction	2L:+:4864986-4865000,4865084-4865113;2L:+:4864986-4865000,4865084-4865113	Pupa	9	10
2820	JHU_Ag_59502	QLTEQEQSSQQCVTKVR	44	AGAP004877-PA,AGAP004877-PB	Splice junction,Splice junction	2L:+:4864986-4865000,4865084-4865119;2L:+:4864986-4865000,4865084-4865119	Malpighian tubule	9	10
2821	JHU_Ag_3718	QLTTIVADTGDFEAMK	92	AGAP011800-PA	Splice junction	3L:-:33333296-33333359,33332412-33332528	Remaining organs	1	2
2822	JHU_Ag_23643	QLWTLEPSTTGDSIIYLK	44	AGAP012991-PA	Splice junction	X:+:15826523-15826559,15827489-15827505	Pupa	1	2
2823	JHU_Ag_101558	QMGSCLGAPEQR	33	AGAP013123-PA	Splice junction	2R:-:43183925-43184074,43182463-43183813	Head	2	3
2824	JHU_Ag_95894	QMRPGAFLVNTAR	41	AGAP003893-PB	Splice junction	2R:-:45638754-45639012,45638505-45638610	Ovary	3	4
2825	JHU_Ag_52961	QNEFDLMFVK	52	AGAP006911-PA	residue overlap splice site	2L:+:39898316-39898345	Larva	2	3
2826	JHU_Ag_18275	QNEPINPCTPSPCGPNSICR	45	AGAP010023-PA	Splice junction	3R:+:47888291-47888350	Salivary gland	9	10
2827	JHU_Ag_28589	QNESVTDVFSLLIAQIER	113	AGAP001902-PA	Splice junction	2R:-:11973243-11973364,11973070-11973115	Ovary	4	5
2828	JHU_Ag_34053	QNTEFSDAEIQEWYK	122	AGAP007247-PC	Splice junction	2L:+:44619892-44619910,44625548-44625573	Head	1	2
2829	JHU_Ag_54954	QNVNFLTADGK	54	AGAP000909-PA	Splice junction	X:+:17146919-17146919,17146997-17147028	Salivary gland	5	6
2830	JHU_Ag_31372	QNVNFLTADGKR	39	AGAP000909-PA	Splice junction	X:+:17146919-17146919,17146997-17147031	Midgut	5	6
2831	JHU_Ag_29934	QNVTCQR	29	AGAP009533-PA	Splice junction	3R:-:35432544-35432927,35432310-35432439	Head	3	4
2832	JHU_Ag_54901	QPYPPPAPTSLNDANEAITNQPYR	95	AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	Splice junction,Splice junction,Splice junction	2L:-:28724591-28724715,28714359-28714500;2L:-:28724591-28724715,28714338-28714500;2L:-:28724591-28724715,28714338-28714500	Head	3	4
2833	JHU_Ag_16220	QQAAAAAETTSQAAGTLMDHAK	143	AGAP010640-PA	Splice junction	3L:-:7898922-7899128,7898601-7898781	Head	2	3
2834	JHU_Ag_2881	QQIIDADILAVLAK	48	AGAP002570-PA	Splice junction	2R:-:23003870-23005036,23003531-23003759	Head	2	3
2835	JHU_Ag_18902	QQIPLDIPALPSSGELCFVTK	44	AGAP005109-PA	Splice junction	2L:-:10203170-10203303,10202875-10203040	Remaining organs	2	3
2836	JHU_Ag_42924	QQLEPLDGTLGWR	62	AGAP002093-PA	Splice junction	2R:-:15234323-15234542,15234058-15234205	Midgut	7	8
2837	JHU_Ag_31365	QQLLQQ	43	AGAP011655-PA	residue overlap splice site	3L:+:30933120-30933137	Head	2	3
2838	JHU_Ag_17540	QQQVVDESLDSTR	76	AGAP001394-PA,AGAP001394-PB	Splice junction,Splice junction	2R:+:4155440-4155460,4155623-4155640;2R:+:4155440-4155460,4155623-4155640	Head	1	2
2839	JHU_Ag_40080	QQQVVDESLDSTRR	55	AGAP001394-PA,AGAP001394-PB	Splice junction,Splice junction	2R:+:4155440-4155460,4155623-4155643;2R:+:4155440-4155460,4155623-4155643	Head	1	2
2840	JHU_Ag_71941	QQTGAVGYVACPDPTSATLR	101	AGAP009651-PA	Splice junction	3R:+:37624209-37624218,37624297-37624346	Midgut	4	5
2841	JHU_Ag_26543	QQTGAVGYVACPDPTSATLRK	90	AGAP009651-PA	Splice junction	3R:+:37624209-37624218,37624297-37624349	Malpighian tubule	4	5
2842	JHU_Ag_77004	QQVRPDIFGELGGLVTSQGESWQK	145	AGAP008019-PA	Splice junction	3R:+:4322295-4322344,4322413-4322434	Male reproductive organs	2	3
2843	JHU_Ag_69501	QQVVSHPEYKHDSVISEGNCYDLLR	85	AGAP001512-PA	Splice junction	2R:+:5732448-5732476,5732550-5732595	Malpighian tubule	3	4
2844	JHU_Ag_9048	QRGWALK	35	AGAP003010-PA	residue overlap splice site	2R:-:31092993-31092973	Head	1	2
2845	JHU_Ag_26419	QRHEIFYLLDER	37	AGAP009246-PA	Splice junction	3R:-:29385921-29386089,29384137-29384309	Malpighian tubule	1	2
2846	JHU_Ag_76619	QRLEDIFANPLFETVK	76	AGAP005515-PA	Splice junction	2L:-:16544521-16544585,16542291-16542528	Pupa	2	3
2847	JHU_Ag_95560	QRQEQLAK	40	AGAP008898-PA	Splice junction	3R:+:20515809-20515811,20515891-20515911	Head	2	3
2848	JHU_Ag_1061	QRVDEYDFSKPLEGQQK	106	AGAP010429-PA	Splice junction	3L:+:3191686-3191703,3192099-3192131	Head	2	3

2849	JHU_Ag_39213	QSAPQQTQTVPSNGYTNNR	46	AGAP006260-PD,AGAP006260-PA	Splice junction,Splice junction	2L:-:28712840-28712909,28712231-28712257;2L:-:28712840-28712909,28712231-28712257	Head	4	5
2850	JHU_Ag_70064	QSETVPAKEEEVVQINK	83	AGAP011842-PA	Splice junction	3L:+:33980953-33980985,33981122-33981139	Salivary gland	1	2
2851	JHU_Ag_8616	QSGSLLTR	51	AGAP005845-PA	Splice junction	2L:-:22428640-22428822,22428463-22428543	Malpighian tubule	3	4
2852	JHU_Ag_7445	QSHINPDQPEVQVIDHLTQQYK	77	AGAP011798-PA	Splice junction	3L:-:33319235-33319621,33318790-33319098	Malpighian tubule	4	5
2853	JHU_Ag_56714	QSPYGALFRPDNFVYAQSGAGNNWAK	154	AGAP005293-PB,AGAP005293-PA	Splice junction,Splice junction	2L:+:13793685-13793745,13793838-13793854;2L:+:13793685-13793745,13793838-13793854	Head	2	3
2854	JHU_Ag_49691	QSSAGIINPTANQKPLVGQR	62	AGAP007717-PB,AGAP007717-PC	Splice junction,Splice junction	2L:-:49226034-49226144,49225775-49225904;2L:-:49226034-49226144,49225775-49225904	Malpighian tubule	4	5
2855	JHU_Ag_15168	QSYAFYQVDEPSEK	98	AGAP008671-PA	Splice junction	3R:+:14670570-14670593,14670662-14670679	Ovary	3	4
2856	JHU_Ag_34474	QTATPANGNGGGTGESNTGR	52	AGAP008360-PA	residue overlap splice site	3R:-:10028204-10028535,10027919-10028044	Head	3	4
2857	JHU_Ag_15606	QTCVGKPYSEFPK	77	AGAP007963-PA	residue overlap splice site	3R:+:3367031-3367069	Malpighian tubule	3	4
2858	JHU_Ag_20423	QTFFGHEADVNSVCYHPSGFGFATGSEDK	165	AGAP001506-PA	Splice junction	2R:-:5699006-5699166,5698741-5698826	Head	3	4
2859	JHU_Ag_4487	QTIIGQLYGAPDK	52	AGAP004196-PA	Splice junction	2R:-:51675493-51675611,51675220-51675238	Head	2	3
2860	JHU_Ag_8049	QTIIGQLYGAPDKLVIEK	80	AGAP004196-PA	Splice junction	2R:-:51675493-51675611,51675220-51675223	Remaining organs	2	3
2861	JHU_Ag_81960	QTSFHDFVISIYNKYPLVK	85	AGAP012296-PA	Splice junction	3L:+:39836608-39836663,39837083-39837083	Malpighian tubule	1	2
2862	JHU_Ag_764	QTSSFVNTDEAPNPFLTVDEAK	79	AGAP002925-PB	Splice junction	2R:-:29678832-29679674,29678285-29678693	Larva	2	3
2863	JHU_Ag_59831	QTYDDELQK	46	AGAP004551-PA	Splice junction	2R:+:57542205-57542207,57542286-57542309	Pupa	2	3
2864	JHU_Ag_48360	QTYDDELQKLSVSSFR	86	AGAP004551-PA	Splice junction	2R:+:57542205-57542207,57542286-57542330	Salivary gland	2	3
2865	JHU_Ag_3272	QVEINTIASSFGGISTIMTPMHSYILSELGHR	108	AGAP000534-PB	Splice junction	X:+:9561528-9561595,9563999-9564026	Midgut	3	4
2866	JHU_Ag_19782	QVELALWDTAGQEDYDR	111	AGAP005160-PC,AGAP005160-PA	Splice junction,Splice junction	2L:-:10797618-10797771,10786361-10786463;2L:-:10797618-10797776,10786361-10786463	Remaining organs	1	2
2867	JHU_Ag_21655	QVELEEPLEDPATGNEIFK	130	AGAP001587-PA	Splice junction	2R:-:6488246-6488732,6486654-6488013	Malpighian tubule	2	3
2868	JHU_Ag_3972	QVLGLVSYPPLFNDPSIPTDAK	83	AGAP000901-PA	Splice junction	X:-:17035905-17035992,17030768-17031792	Head	2	3
2869	JHU_Ag_117072	QVLGLVSYPPLFNDPSIPTDAKQR	101	AGAP000901-PA	Splice junction	X:-:17035905-17035992,17030768-17031786	Malpighian tubule	2	3
2870	JHU_Ag_21894	QVLKQTQK	48	AGAP009789-PA	Splice junction	3R:-:43297873-43298037,43297539-43297633	Male reproductive organs	7	8
2871	JHU_Ag_91997	QVLMSAAEAAEMILRVDNILK	34	AGAP009694-PA	residue overlap splice site	3R:-:38970870-38970808	Malpighian tubule	1	2
2872	JHU_Ag_15730	QVLTADTLLDLVR	81	AGAP009443-PA	residue overlap splice site	3R:+:33528186-33528223,33528302-33528302	Midgut	2	3
2873	JHU_Ag_29401	QVNLLLQK	35	AGAP008735-PA	Splice junction	3R:-:16320918-16321318,16320621-16320762	Male reproductive organs	3	4
2874	JHU_Ag_71845	QVPPNLK	38	AGAP009981-PA	Splice junction	3R:+:47099746-47099755,47099852-47099862	Salivary gland	1	2
2875	JHU_Ag_57992	QVSYPDEDHSLAGVRPHLYHTLGK	56	AGAP011584-PA	Splice junction	3L:-:28406001-28406759,28405825-28405855	Midgut	3	4
2876	JHU_Ag_96261	QVVTISQDSFYR	57	AGAP003874-PA,AGAP003874-PB	Splice junction,Splice junction	2R:-:44910483-44910546,44910050-44910354;2R:-:44910483-44910546,44910050-44910354	Head	2	3
2877	JHU_Ag_17486	QVYCDPTYVPNK	64	AGAP010025-PA	residue overlap splice site	3R:-:47951177-47951142	Midgut	2	3
2878	JHU_Ag_46241	QVYCDPTYVPNKVR	66	AGAP010025-PA	Splice junction	3R:-:47951177-47951617,47950588-47951044	Malpighian tubule	2	3
2879	JHU_Ag_60387	QWLHDYDCFLGIHDR	47	AGAP007299-PA	Splice junction	2L:-:45091239-45091344,45090808-45091117	Ovary	5	6
2880	JHU_Ag_39973	QYEISDLNAQVNDLR	131	AGAP001053-PB,AGAP001053-PF	Splice junction,Splice junction	X:+:21354243-21354251,21364143-21364178;X:+:21354243-21354251,21364143-21364178	Head	3	4
2881	JHU_Ag_25063	QYIAVFEGQIPLVTK	71	AGAP004983-PA	Splice junction	2L:-:7538219-7538446,7537935-7538109	Midgut	3	4

2882	JHU_Ag_84743	QYIQQTASEEFLVR	72	AGAP004335-PB	Splice junction	2R:+:54800608-54800643,54800713-54800718;2R:+:54800608-54800643,54800713-54800718	Salivary gland	2	3
2883	JHU_Ag_21384	RAEITPGFTNNR	59	AGAP013511-PB	residue overlap splice site	2R:+:36320727-36320762	Head	2	3
2884	JHU_Ag_37404	RAEQQLDEEFGFE	72	AGAP005832-PA	Splice junction	2L:+:22292527-22292550,22292668-22292682	Head	8	9
2885	JHU_Ag_13958	RAEQQLDENKPQEALAAFDR	84	AGAP005832-PB	Splice junction	2L:+:22292527-22292550,22293904-22293939	Ovary	8	9
2886	JHU_Ag_46586	RAEVTPAFTTSR	64	AGAP003343-PA	residue overlap splice site	2R:+:36314932-36314967	Midgut	2	3
2887	JHU_Ag_33034	RANEFIDVGK	57	AGAP002340-PA	Splice junction	2R:+:20284588-20284597,20284768-20284787	Head	1	2
2888	JHU_Ag_98675	RAPEQIITEIAPAGPFYPAENYHQK	43	AGAP012394-PA,AGAP012395-PA	Splice junction,Splice junction	3L:-:41710892-41711091,41710273-41710495;3L:+:41712857-41712918,41713242-41713254	Head	3	4
2889	JHU_Ag_3258	RCTSCTKPITGIGGTR	53	AGAP005400-PA,AGAP005400-PB	Splice junction,Splice junction	2L:+:15073949-15073979,15074063-15074079;2L:+:15073949-15073979,15074063-15074079	Male reproductive organs	5	6
2890	JHU_Ag_65232	RDDGFYR	33	AGAP008596-PA	residue overlap splice site	3R:-:13478287-13478267	Malpighian tubule	2	3
2891	JHU_Ag_91156	RDENLIDAILLGTK	71	AGAP006907-PA	Splice junction	2L:+:39857762-39857776,39858287-39858313	Ovary	2	3
2892	JHU_Ag_78556	RDEPTPPSFMK	55	AGAP005471-PA	Splice junction	2L:+:16050956-16050988	Head	24	25
2893	JHU_Ag_116963	RDFVDHITHVDPIDGVVLIDPDYVK	75	AGAP011360-PA	Splice junction	3L:-:21931658-21931730,21931225-21931333	Ovary	1	2
2894	JHU_Ag_106132	RDFVDHVSGVEPIDGIVVLDDEYIR	128	AGAP010134-PA	Splice junction	3R:+:49303166-49303205,49303581-49303615	Head	1	2
2895	JHU_Ag_77772	RDHANNMIFLLSNLGK	59	AGAP009176-PA	residue overlap splice site	3R:+:28144842-28144888,28144972-28144972	Head	3	4
2896	JHU_Ag_105388	RDPIGDADFYPNGVVSVQPGCLDPACSHK	112	AGAP005103-PA	Splice junction	2L:-:10140328-10140525,10139878-10140082	Head	4	5
2897	JHU_Ag_7586	RDWEISDLNAQVNDLR	135	AGAP001053-PC,AGAP001053-PD	Splice junction,Splice junction	X:+:21357152-21357163,21364143-21364178;X:+:21357152-21357163,21364143-21364178	Head	3	4
2898	JHU_Ag_62529	RDYLR	35	AGAP000731-PA	Splice junction	X:-:13375761-13376169,13375517-13375642;3L:+:2587255-2587269	Remaining organs	3	4
2899	JHU_Ag_18121	REAVVR	32	AGAP005471-PA	Splice junction	2L:+:16024662-16024666,16024732-16024744	Midgut	3	4
2900	JHU_Ag_35347	REEAESEVAALNR	60	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050	Salivary gland	1	2
2901	JHU_Ag_18050	RELTQLLVDDINDNK	89	AGAP002413-PB	Splice junction	2R:+:21028695-21028709,21029561-21029590	Ovary	5	6
2902	JHU_Ag_90854	REVDSTLVEK	39	AGAP009115-PA	Splice junction	3R:-:26060467-26060438	Head	16	17
2903	JHU_Ag_17549	REVEASVSSAGTNLSEDSADSLPQYSVDK	43	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44668615-44668625,44668717-44668792;2R:+:44668615-44668625,44668717-44668792	Malpighian tubule	3	4
2904	JHU_Ag_25216	RFADIGVENNEDNR	76	AGAP002564-PA,AGAP002564-PB	Splice junction,Splice junction	2R:+:22877888-22877896,22877981-22878013;2R:+:22877888-22877896,22877981-22878013	Midgut	1	2
2905	JHU_Ag_50478	RFDPYPSSNQLTLVTLELNAPK	115	AGAP013179-PA	Splice junction	2R:+:41152924-41152931,41153523-41153580	Head	3	4
2906	JHU_Ag_38478	RFEDHTK	42	AGAP010173-PA	residue overlap splice site	3R:+:49908618-49908638	Ovary	2	3
2907	JHU_Ag_58776	RFESVAQSLSAR	76	AGAP005486-PA	residue overlap splice site	2L:-:16132711-16132676	Head	2	3
2908	JHU_Ag_76524	RFGNPEEIAEVAAFLASEK	57	AGAP009633-PA	Splice junction	3R:-:37348868-37349464,37348702-37348747	Ovary	2	3
2909	JHU_Ag_83591	RFSGTVK	39	AGAP011298-PA	residue overlap splice site	3L:-:20689575-20689711,20688682-20689174	Head	2	3
2910	JHU_Ag_75186	RFTENVELGGK	38	AGAP002419-PA	Splice junction	2R:+:21067018-21067042,21067121-21067128	Midgut	2	3
2911	JHU_Ag_45498	RFVANGMFHAELNEFLTR	34	AGAP001910-PA	Splice junction	2R:-:12011021-12011048,12010314-12010460	Midgut	1	2

2912	JHU_Ag_95522	RGDSEEAAEVGR	69	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:32204019-32204165,32203718-32203913;2L:-:32204019-32204165,32203718-32203913;2L:-:32204019-32204165,32203718-32203913;2L:-:32204019-32204165,32203718-32203913	Head	4	5
2913	JHU_Ag_21220	RGELTTVMNHEPQTK	70	AGAP010733-PA	Splice junction	3L:-:9022751-9023504,9022388-9022631	Pupa	1	2
2914	JHU_Ag_41343	RGEVVQGSYCER	50	AGAP010431-PA	Splice junction	3L:-:3263595-3263682,3262990-3263148	Head	3	4
2915	JHU_Ag_33019	RGHEVSVINPFPQK	61	AGAP007029-PA	Splice junction	2L:+:41052597-41052608,41052696-41052725	Midgut	1	2
2916	JHU_Ag_114681	RGPPFAFVEFEDAR	40	AGAP010496-PA	Splice junction	3L:+:5043564-5043605;3L:+:5046457-5046497,5046582-5046582	Ovary	1	2
2917	JHU_Ag_81721	RGPQAQIAKPIR	53	AGAP000561-PA	Splice junction	X:+:9962819-9962840,9962924-9962937	Head	6	7
2918	JHU_Ag_11113	RGPQLYYIDSEGTR	86	AGAP010718-PA	Splice junction	3L:+:8974727-8974729,8974804-8974842	Malpighian tubule	2	3
2919	JHU_Ag_6787	RGRPDDEITELILDNCR	39	AGAP005075-PB	Splice junction	2L:+:9645781-9645801,9649094-9649123	Midgut	1	2
2920	JHU_Ag_56445	RHGDGTDTDFSESEALSSLQISGPAK	111	AGAP004852-PA	Splice junction	2L:-:4470332-4470605,4470116-4470171	Ovary	7	8
2921	JHU_Ag_45870	RHPILKPATQKPFNAEPPASVLVDSFLTPNEFFYVR	49	AGAP010877-PA	Splice junction	3L:-:12380008-12380379,12378835-12379840	Midgut	2	3
2922	JHU_Ag_75286	RIEDLDFYVYR	49	AGAP002370-PA	Splice junction	2R:+:20756847-20756879	Head	4	5
2923	JHU_Ag_63191	RIIDTDQASLGISR	36	AGAP001791-PA	Splice junction	2R:+:10514723-10514734,10514820-10514849	Pupa	4	5
2924	JHU_Ag_387	RIPLLGMLNDVMQLGKPAELHLR	87	AGAP000284-PA	Splice junction	X:-:5114624-5114747,5114192-5114386	Male reproductive organs	1	2
2925	JHU_Ag_16398	RIQDLILTK	39	AGAP009554-PA	Splice junction	3R:-:36101083-36101057	Head	4	5
2926	JHU_Ag_63860	RIQQQIK	36	AGAP004852-PA	residue overlap splice site	2L:-:4470730-4470829,4470320-4470600	Head	6	7
2927	JHU_Ag_13726	RISDANEVIK	56	AGAP006186-PB	Splice junction	2L:+:27919764-27919776,27928045-27928061	Head	8	9
2928	JHU_Ag_73965	RISDVNPDFH	60	AGAP006186-PA	Splice junction	2L:+:27919764-27919776,27925972-27925988	Head	8	9
2929	JHU_Ag_84867	RLALSNAPKPLLIAVSK	26	AGAP001621-PB	Splice junction	2R:+:6967967-6967975,6968443-6968484	Malpighian tubule	1	2
2930	JHU_Ag_4265	RLEAGLNDPPFVPDPHAVYAK	76	AGAP004117-PA	Splice junction	2R:+:50234030-50234071,50234172-50234192	Head	10	11
2931	JHU_Ag_70408	RLEGITR	40	AGAP003221-PA	residue overlap splice site	2R:+:10175727-10175742,10175818-10175822;2R:-:10157228-10157208;2R:+:34026260-34026275,34026344-34026348	Malpighian tubule	6	7
2932	JHU_Ag_17422	RLFQGNALLR	42	AGAP005061-PB,AGAP005061-PA	Splice junction,Splice junction	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	Remaining organs	1	2
2933	JHU_Ag_67379	RLGQLYQLQLDK	40	AGAP011996-PA	Splice junction	3L:+:36028053-36028064,36028224-36028247	Midgut	1	2
2934	JHU_Ag_58561	RLIPADVLR	57	AGAP002085-PA	residue overlap splice site	2R:+:15138262-15138288	Head	1	2
2935	JHU_Ag_45611	RLIPDALTAENPNQVK	49	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209	Ovary	6	7
2936	JHU_Ag_24125	RLIQIASPR	36	AGAP006626-PA	Splice junction	2L:+:34775033-34775042,34775110-34775126	Head	2	3
2937	JHU_Ag_96316	RLLTETLGR	44	AGAP007242-PA	Splice junction	2L:-:44514544-44514655,44513412-44513566	Head	3	4
2938	JHU_Ag_17522	RLMLPNIFQYAAYIK	58	AGAP006963-PA	Splice junction	2L:-:40278534-40278588,40277817-40278395	Midgut	2	3
2939	JHU_Ag_65582	RLQQTQAQVDEVVDIMK	55	AGAP005507-PB,AGAP005507-PC	Splice junction,Splice junction	2L:+:16374399-16374431,16374503-16374520;2L:+:16374399-16374431,16374503-16374520	Head	2	3
2940	JHU_Ag_48343	RLSEVEPSVLLLLSGPNSDSGSVAKPAYFK	64	AGAP004775-PA	Splice junction	2L:-:3412069-3412078,3408287-3408298	Malpighian tubule	3	4
2941	JHU_Ag_14820	RNEACHPYEPFK	38	AGAP010260-PA	Splice junction	3R:+:51754249-51754255,51754373-51754401	Head	1	2
2942	JHU_Ag_32222	RNLHDTLHAETDFWSEDR	88	AGAP002020-PA	Splice junction	2R:-:14012683-14012889,14012368-14012548	Midgut	2	3
2943	JHU_Ag_112405	RNQEAEAK	53	AGAP006879-PA	Splice junction	2L:+:39320283-39320295,39320373-39320383	Head	2	3
2944	JHU_Ag_70155	RNSAIVAETCTPSK	63	AGAP008115-PA	Splice junction	3R:+:5867059-5867082,5867655-5867672	Head	2	3
2945	JHU_Ag_61948	RPAGACFGFGGK	46	AGAP011551-PA	Splice junction	3L:+:27211667-27211690,27211764-27211775	Head	1	2

2946	JHU_Ag_1488	RPANQFIPR	47	AGAP011438-PA	residue overlap splice site	3L:+:24720372-24720397,24720516-24720516	Male reproductive organs	4	5
2947	JHU_Ag_108256	RPAQMQSFPLQLENGQTVECTVAK	44	AGAP011717-PA	Splice junction	3L:+:32120773-32120792,32122626-32122677	Ovary	6	7
2948	JHU_Ag_43090	RPHDYQPMPGMTDSAAVNVPEK	82	AGAP002908-PA	Splice junction	2R:+:29155234-29155294,29155364-29155368	Ovary	2	3
2949	JHU_Ag_20909	RPLILQLINGTVEFGEFLHQK	43	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31195975-31196012,31195707-31195831;2R:-:31195975-31196012,31195707-31195831	Ovary	2	3
2950	JHU_Ag_116860	RPSVDSLLEELSNAHSNPIYAVPHGNQNANQPGR	148	AGAP008532-PA	Splice junction	3R:+:11933448-11933521,11933626-11933653	Ovary	4	5
2951	JHU_Ag_36237	RPSVYIPTVDIPSEQVIVTDKK	89	AGAP008078-PA	Splice junction	3R:-:5198642-5198735,5198460-5198502	Ovary	2	3
2952	JHU_Ag_50251	RPTNGSSDGSRDQPYAWESR	44	AGAP005672-PA	Splice junction	2L:-:18540290-18540395,18539064-18540152	Malpighian tubule	2	3
2953	JHU_Ag_18040	RPTVEECFDHR	31	AGAP005471-PA	Splice junction	2L:+:16056233-16056265	Head	28	29
2954	JHU_Ag_103440	RPVTNFTSDFNDGK	48	AGAP007006-PA,AGAP007006-PC	Splice junction,Splice junction	2L:-:40758962-40759615,40758386-40758850;2L:-:40758962-40759615,40758386-40758850	Head	2	3
2955	JHU_Ag_8776	RQDQCLASTTLLAQPDQR	132	AGAP010134-PA	Splice junction	3R:+:49304360-49304391,49304482-49304503	Head	2	3
2956	JHU_Ag_116702	RQDYDLK	39	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20527939-20527953,20528026-20528031;2R:+:20527939-20527953,20528026-20528031;2R:+:20527939-20527953,20528026-20528031;2R:+:20527939-20527953,20528026-20528031;2R:+:20527939-20527953,20528026-20528031	Head	3	4
2957	JHU_Ag_40853	RQGIPVETTQK	50	AGAP004990-PA	residue overlap splice site	2L:+:7586132-7586164	Malpighian tubule	1	2
2958	JHU_Ag_41761	RQLTEQEQSSQQCVTK	84	AGAP004877-PA,AGAP004877-PB	Splice junction,Splice junction	2L:+:4864983-4865000,4865084-4865113;2L:+:4864983-4865000,4865084-4865113	Malpighian tubule	9	10
2959	JHU_Ag_44690	RQTIIGQLYGAPDK	62	AGAP004196-PA	Splice junction	2R:-:51675496-51675611,51675220-51675238	Head	2	3
2960	JHU_Ag_31037	RQVFILR	28	AGAP006360-PA	Splice junction	2L:+:30480390-30480395,30480469-30480483	Head	3	4
2961	JHU_Ag_32100	RRPYEDANGIDATVAPPAK	72	AGAP004341-PA	Splice junction	2R:-:54847566-54848168,54847326-54847431	Head	10	11
2962	JHU_Ag_32616	RSEDYIYEDELEDYSK	100	AGAP000500-PC,AGAP000500-PD	Splice junction,Splice junction	X:+:8798340-8798366,8798447-8798467;X:+:8798340-8798366,8798447-8798467	Midgut	5	6
2963	JHU_Ag_16160	RSLGYAYVNFQQPADAER	41	AGAP011092-PA	Splice junction	3L:-:16480003-16480123,16475328-16476802	Ovary	1	2
2964	JHU_Ag_117801	RSPTIEEEDTPQVIHVVPETSK	97	AGAP001762-PA	residue overlap splice site	2R:+:9488381-9488446	Head	1	2
2965	JHU_Ag_33058	RSSLSALSLASSVRPITK	63	AGAP004033-PA	Splice junction	2R:+:48137470-48137510,48137597-48137609	Head	8	9
2966	JHU_Ag_73150	RTDGFSVGSPHPQVPTAR	81	AGAP001754-PA	Splice junction	2R:+:9455022-9455032,9458056-9458098	Head	4	5
2967	JHU_Ag_14098	RTGVVNEECYPYIAAQNVCK	59	AGAP007684-PA	Splice junction	2L:-:49014528-49014704,49014246-49014394	Ovary	4	5
2968	JHU_Ag_26461	RTHDFFVANQSLLPEIDETLEK	60	AGAP005631-PA	Splice junction	2L:-:18017009-18017063,18016746-18016876	Ovary	1	2
2969	JHU_Ag_12481	RVDIPVVDQGACETAWGSGWVTPDMICASEPGR	87	AGAP001245-PA	Splice junction	2R:-:2029811-2029841,2029478-2029643	Larva	2	3
2970	JHU_Ag_9945	RVDTTTAMELANQLGIPFLETSAK	52	AGAP004146-PA	Splice junction	2R:-:50737554-50737758,50737239-50737386	Salivary gland	5	6
2971	JHU_Ag_31779	RVECEDDNPNGITK	49	AGAP011387-PA	Splice junction	3L:-:23253674-23254727,23253339-23253552	Ovary	1	2
2972	JHU_Ag_12626	RVEFLTGFHK	58	AGAP004463-PA	Splice junction	2R:-:56714643-56714721,56713807-56714524	Ovary	1	2
2973	JHU_Ag_22708	RVGSSYTRPTISSYTVTTPLR	79	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503	Male reproductive organs	1	2
2974	JHU_Ag_34395	RVGSSYTRPTISSYTVTTPR	74	AGAP013481-PB	Splice junction	2R:+:20929776-20929826,20934668-20934676	Male reproductive organs	1	2
2975	JHU_Ag_52276	RVHMIEELSETVISFQR	59	AGAP009496-PA	residue overlap splice site	3R:+:34738335-34738385	Malpighian tubule	4	5
2976	JHU_Ag_75990	RVLIHDASELPDLYSSTPGGTLYSTTPGGTR	73	AGAP007781-PA	Splice junction	3R:-:767813-767876,763409-763622	Ovary	1	2

2977	JHU_Ag_43951	RVNAIEHVIIPR	33	AGAP010298-PA	Splice junction	3R:+:52656552-52656573,52656641-52656654	Salivary gland	3	4
2978	JHU_Ag_51440	RVNQAIWLLCTGAR	36	AGAP008329-PA	Splice junction	3R:-:9179909-9180236,9179490-9179559	Salivary gland	2	3
2979	JHU_Ag_18549	RVQLAEELIR	50	AGAP011286-PA	residue overlap splice site	3L:+:20567107-20567131,20567203-20567207	Head	7	8
2980	JHU_Ag_16263	RVSVTPVVAGTLVK	51	AGAP003167-PA	Splice junction	2R:-:33502225-33502335,33501139-33501254	Head	2	3
2981	JHU_Ag_13309	RVVSCGILETPR	47	AGAP000550-PA	Splice junction	X:+:9852684-9852719	Malpighian tubule	7	8
2982	JHU_Ag_40765	RYDENGNTVGIPEFEPPTPK	36	AGAP010164-PB	Splice junction	3R:+:49789311-49789312,49789888-49789945	Head	7	8
2983	JHU_Ag_18856	RYDGPLVLDIK	56	AGAP002655-PA	Splice junction	2R:+:25191556-25191574,25191653-25191666	Ovary	3	4
2984	JHU_Ag_20327	RYESIFEHPADVDLWSGGVSER	123	AGAP000051-PA	Splice junction	X:+:840200-840219,840299-840344	Pupa	4	5
2985	JHU_Ag_48559	RYMLPNGHDPNDVVSTLSSDGVLTVTAPK	120	AGAP007162-PB	Splice junction	2L:-:43612757-43613040,43612502-43612610	Malpighian tubule	2	3
2986	JHU_Ag_14156	RYQCPELTDR	61	AGAP011182-PA	Splice junction	3L:+:18295165-18295166,18295242-18295269	Head	2	3
2987	JHU_Ag_109332	RYTEVPQTPLHTGR	40	AGAP011890-PA	Splice junction	3L:+:34654439-34654480	Malpighian tubule	5	6
2988	JHU_Ag_85839	RYVLPDDHDPK	45	AGAP007161-PA	Splice junction	2L:+:43611166-43611181,43611312-43611328	Head	2	3
2989	JHU_Ag_45391	SAAPAENFPFCTIDPNESR	92	AGAP000672-PA	Splice junction	X:-:11874554-11874683,11871350-11871406	Malpighian tubule	1	2
2990	JHU_Ag_28377	SAAPAENFPFCTIDPNESRVPVPDAR	84	AGAP000672-PA	Splice junction	X:-:11874554-11874683,11871350-11871385	Ovary	1	2
2991	JHU_Ag_98898	SADVGLGVPFNIASYSLLTHMIAHVTGLK	84	AGAP010457-PA	residue overlap splice site	3L:+:3906644-3906730	Ovary	2	3
2992	JHU_Ag_49324	SAENICLTPGCIHSASK	70	AGAP001791-PA	Splice junction	2R:+:10514067-10514109,10514200-10514207	Pupa	2	3
2993	JHU_Ag_56536	SAFKPDEGNVR	54	AGAP011498-PA	Splice junction	3L:-:25478058-25478081,25477789-25477910	Head	16	17
2994	JHU_Ag_96103	SAFKPDEGNVRR	56	AGAP011498-PA	Splice junction	3L:-:25478058-25478081,25477789-25477907	Head	16	17
2995	JHU_Ag_109509	SAKAEVGDVFAK	49	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	residue overlap splice site,residue overlap splice site,residue overlap splice site	2R:+:53208153-53208188;2R:+:53208153-53208188;2R:+:53208153-53208188	Malpighian tubule	2	3
2996	JHU_Ag_52778	SALAAGVSEDEFTAFLVYTCGFLANAGNYK	91	AGAP012819-PA,AGAP004394-PA	Splice junction,Splice junction	UNKN:-:31436304-31436418,31435938-31436118;2R:+:55591410-55591448,55591546-55591596	Malpighian tubule	2	3
2997	JHU_Ag_60457	SALPAYSPPTPFLAHMPAGLGIYR	82	AGAP012529-PA	Splice junction	UNKN:-:11588643-11588646,11588465-11588500	Midgut	1	2
2998	JHU_Ag_85124	SALPAYSPPTPFLAHMPAGLGIYRK	54	AGAP012529-PA	Splice junction	UNKN:-:11588643-11588646,11588465-11588497	Malpighian tubule	1	2
2999	JHU_Ag_25818	SALTVQFVQGIFVEKYDPTIEDSYR	126	AGAP001874-PA	Splice junction	2R:-:11769726-11769774,11750318-11750378	Malpighian tubule	1	2
3000	JHU_Ag_6653	SAMEKHLFNLK	36	AGAP006518-PA	Splice junction	2L:+:33776462-33776474,33776622-33776641	Malpighian tubule	1	2
3001	JHU_Ag_22396	SAPEVAGIYLLMRPK	48	AGAP003606-PA	Splice junction	2R:-:40471377-40471476,40469881-40469929	Pupa	1	2
3002	JHU_Ag_47660	SASEGEISEYTR	45	AGAP001751-PA	Splice junction	2R:+:9376858-9376893;2R:+:9376858-9376893	Salivary gland	10	11
3003	JHU_Ag_109716	SASLINIPELR	31	AGAP001101-PA	Splice junction	2R:-:56582-56738,56314-56470	Pupa	3	4
3004	JHU_Ag_103699	SATASEQLAAYPVK	76	AGAP006599-PA	Splice junction	2L:-:34637638-34637804,34636032-34637530	Ovary	2	3
3005	JHU_Ag_114459	SATCYTLEQLK	41	AGAP008267-PA	Splice junction	3R:-:8098458-8098757,8096999-8098358	Midgut	2	3
3006	JHU_Ag_83136	SATCYTLEQLKLNNCGLGIEGGTMLAK	37	AGAP008267-PA	Splice junction	3R:-:8098458-8098757,8096999-8098310	Malpighian tubule	2	3
3007	JHU_Ag_66951	SATGGNPEPVSEALDK	78	AGAP003398-PB,AGAP003398-PA	Splice junction,Splice junction	2R:+:37301490-37301529,37311759-37311766;2R:+:37301490-37301529,37311759-37311766	Ovary	3	4
3008	JHU_Ag_2145	SATGGNPEPVSEALDKWHYITLK	77	AGAP003398-PB,AGAP003398-PA	Splice junction,Splice junction	2R:+:37301490-37301529,37311759-37311787;2R:+:37301490-37301529,37311759-37311787	Midgut	3	4
3009	JHU_Ag_21526	SATGGNPEPVSEALHK	76	AGAP003398-PD,AGAP003398-PF	Splice junction,Splice junction	2R:+:37301490-37301529,37311474-37311481;2R:+:37301490-37301529,37311474-37311481	Head	3	4
3010	JHU_Ag_32472	SAVFPLQVLGFEVDQINSVQFSNHTGYK	137	AGAP005929-PA	Splice junction	2L:-:23814891-23814963,23814532-23814719	Ovary	1	2
3011	JHU_Ag_33412	SAYENNPNFVR	39	AGAP011537-PA	residue overlap splice site	3L:-:26916576-26916544	Head	2	3
3012	JHU_Ag_34054	SCADSNLNGQYLGGATSLYGK	103	AGAP004998-PA,AGAP012650-PA	Splice junction,Splice junction	2L:+:7747541-7747554,7747631-7747679;UNKN:+:22415393-22415406,22415483-22415531	Larva	1	2

3013	JHU_Ag_59844	SCGDSNLNGLYLNGPTLEK	100	AGAP004997-PA	Splice junction	2L:+:7738354-7738367,7738429-7738471	Larva	2	3
3014	JHU_Ag_28756	SCIDIDECETGDVCR	72	AGAP011322-PA	Splice junction	3L:-:21052489-21052989,21052008-21052103	Malpighian tubule	11	12
3015	JHU_Ag_2622	SCIVAIVVPDVEVIK	44	AGAP011603-PA	Splice junction	3L:-:29280170-29280126	Midgut	6	7
3016	JHU_Ag_99089	SCPIVVHSSNGSGR	39	AGAP008127-PA	Splice junction	3R:-:5949773-5951037,5949356-5949650	Head	3	4
3017	JHU_Ag_65584	SCTTDNGAVEGSILLLAEK	135	AGAP010479-PA	Splice junction	3L:-:4183430-4183679,4183022-4183295	Midgut	2	3
3018	JHU_Ag_63308	SCTTDNGAVEGSILLLAEKFPER	58	AGAP010479-PA	Splice junction	3L:-:4183430-4183679,4183022-4183283	Ovary	2	3
3019	JHU_Ag_46308	SDAEAEILQQDNNIEPDGQYQYSYETANGIR	85	AGAP009871-PA	Splice junction	3R:-:44608153-44608207,44607075-44607324	Head	2	3
3020	JHU_Ag_9232	SDDEEYSGDDPEFIKR	93	AGAP002350-PA,AGAP002350-PE	Splice junction,Splice junction	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	Midgut	1	2
3021	JHU_Ag_41720	SDEAEPIPVSLPDKPQLER	40	AGAP000363-PA	Splice junction	X:-:6752917-6753109,6752028-6752770	Head	2	3
3022	JHU_Ag_4408	SDEQLSFGLIK	75	AGAP003227-PA	Splice junction	2R:-:34049501-34049738,34049025-34049394	Male reproductive organs	1	2
3023	JHU_Ag_41936	SDFDFGALASSGLVDSESNSDVPLTGGMNHNILK	92	AGAP006017-PA	Splice junction	2L:-:24694617-24694516	Head	11	12
3024	JHU_Ag_113658	SDFSVPGGELGPTLK	51	AGAP008596-PA	Splice junction	3R:-:13469224-13469314,13469012-13469072	Malpighian tubule	7	8
3025	JHU_Ag_23435	SDGSQSQALSSLCECGK	79	AGAP007390-PA	Splice junction	2L:-:46277730-46277861,46277483-46277600	Midgut	3	4
3026	JHU_Ag_4029	SDISGDSITEGDRR	33	AGAP005425-PA	Splice junction	2L:-:15384110-15384170,15383732-15383933	Malpighian tubule	10	11
3027	JHU_Ag_16108	SDLLAAVNAVTTGDVQAAAR	118	AGAP006099-PA	Splice junction	2L:+:26649159-26649209,26649302-26649310	Remaining organs	3	4
3028	JHU_Ag_9714	SDLLAAVNAVTTGDVQAAARK	34	AGAP006099-PA	Splice junction	2L:+:26649159-26649209,26649302-26649313	Head	3	4
3029	JHU_Ag_41615	SDLMHREPNFFETTSSSTTSNAATSMK	49	AGAP000941-PA	Splice junction	X:-:18250704-18250842,18244855-18244903	Male reproductive organs	1	2
3030	JHU_Ag_382	SDNKEVEPEIEALDEVDIELLK	54	AGAP011174-PA	Splice junction	3L:-:18236589-18236628,18236413-18236419	Head	1	2
3031	JHU_Ag_76993	SDQQIGHYEPPNQSSGFTSCALSLSGR	45	AGAP001506-PA	Splice junction	2R:-:5698801-5698870,5698590-5698657	Remaining organs	4	5
3032	JHU_Ag_56738	SDSFEIAQPGSAMSAALGMANVK	54	AGAP001826-PA	Splice junction	2R:-:11117771-11123054,11117542-11117633	Male reproductive organs	4	5
3033	JHU_Ag_55237	SDSGVTIGNIIAHDIDGPGNNEITFAMEPIDPAHK	66	AGAP002828-PA	Splice junction	2R:+:28062489-28062571,28062636-28062657	Midgut	8	9
3034	JHU_Ag_77691	SDTESEDDNVPISAK	95	AGAP000167-PA	Splice junction	X:+:2868962-2868989,2869067-2869083	Head	2	3
3035	JHU_Ag_47672	SDTESEDDNVPISAKDDPVLHTVQTVGR	82	AGAP000167-PA	Splice junction	X:+:2868962-2868989,2869067-2869122	Ovary	2	3
3036	JHU_Ag_31282	SDTINIITSSFFEK	45	AGAP002291-PA	Splice junction	2R:-:18641687-18642073,18641342-18641578	Pupa	4	5
3037	JHU_Ag_3032	SDTNWAGYLEQVQVDLK	83	AGAP010056-PA	Splice junction	3R:+:48472306-48472323,48472393-48472425	Pupa	3	4
3038	JHU_Ag_453	SDVAVWVNMLNDFLAPYADHTLLPGGGK	108	AGAP007790-PB,AGAP007790-PD	Splice junction,Splice junction	3R:-:873745-873957,873441-873585;3R:-:873745-873780,873441-873585	Larva	2	3
3039	JHU_Ag_3564	SDVELSNIDHLIAMLLEVR	108	AGAP011166-PA	Splice junction	3L:+:18191588-18191639,18192554-18192558	Midgut	1	2
3040	JHU_Ag_101710	SDVEVEAPSAPVDGSMDVNTALQEVLK	161	AGAP011077-PA	Splice junction	3L:+:16306294-16306307,16306461-16306527	Ovary	1	2
3041	JHU_Ag_57944	SDVEVEAPSAPVDGSMDVNTALQEVLKK	43	AGAP011077-PA	Splice junction	3L:+:16306294-16306307,16306461-16306530	Midgut	1	2
3042	JHU_Ag_27766	SDVLFLTLNVECSDPVYK	73	AGAP011157-PA	residue overlap splice site	3L:-:18106300-18106331,18105765-18106030	Midgut	2	3
3043	JHU_Ag_65038	SDYALTPEHHR	42	AGAP004865-PA	residue overlap splice site	2L:-:4600359-4600630,4599973-4600097	Head	2	3
3044	JHU_Ag_16282	SDYVKSEDVPLIK	33	AGAP009289-PA	Splice junction	3R:+:30855332-30855345,30855423-30855447	Malpighian tubule	2	3
3045	JHU_Ag_106335	SEAEAEVLLVTSSR	55	AGAP009901-PA	Splice junction	3R:+:45174590-45174607,45174697-45174720	Male reproductive organs	1	2
3046	JHU_Ag_8851	SEDATHHLQNAVGSAFTTAR	75	AGAP004842-PB,AGAP004842-PA	Splice junction,Splice junction	2L:+:4392074-4392127,4392198-4392203;2L:+:4392074-4392127,4392198-4392203	Male reproductive organs	3	4
3047	JHU_Ag_32835	SEDYIYEDELEDYSK	98	AGAP000500-PC,AGAP000500-PD	Splice junction,Splice junction	X:+:8798343-8798366,8798447-8798467;X:+:8798343-8798366,8798447-8798467	Midgut	5	6
3048	JHU_Ag_111385	SEDYIYEDELEDYSKR	43	AGAP000500-PC,AGAP000500-PD	Splice junction,Splice junction	X:+:8798343-8798366,8798447-8798470;X:+:8798343-8798366,8798447-8798470	Midgut	5	6
3049	JHU_Ag_74208	SEERPSLATFHDAK	36	AGAP008932-PA	Splice junction	3R:+:21126284-21126291,21126383-21126416	Head	4	5
3050	JHU_Ag_53053	SEFDSGKEIVCTVLK	110	AGAP011284-PA	Splice junction	3L:+:20552912-20552941,20553054-20553068	Malpighian tubule	2	3

3051	JHU_Ag_73207	SEGDDPEFIK	57	AGAP002350-PB,AGAP002350-PC	Splice junction,Splice junction	2R:+:20525543-20525547,20527272-20527296;2R:+:20525543-20525547,20527272-20527296	Male reproductive organs	3	4
3052	JHU_Ag_13821	SEGDDPEFIKR	74	AGAP002350-PB,AGAP002350-PC	Splice junction,Splice junction	2R:+:20525543-20525547,20527272-20527299;2R:+:20525543-20525547,20527272-20527299	Malpighian tubule	3	4
3053	JHU_Ag_51040	SEGFDDYMKALGVGMVLR	40	AGAP013189-PA	Splice junction	2R:+:36147808-36147841,36151701-36151720	Malpighian tubule	1	2
3054	JHU_Ag_6739	SEGFEVSK	51	AGAP009861-PA	Splice junction	3R:-:44555510-44555606,44536797-44536960	Ovary	1	2
3055	JHU_Ag_36023	SEGFEVSKEEVAK	85	AGAP009861-PA	Splice junction	3R:-:44555510-44555606,44536797-44536945	Ovary	1	2
3056	JHU_Ag_45860	SEHTELDDDKYEADYNWELKPNK	94	AGAP010321-PA	Splice junction	3L:+:667537-667567,667632-667669	Ovary	2	3
3057	JHU_Ag_70106	SELINLLGSPHIQALLHTHDVVAR	41	AGAP001683-PA	Splice junction	2R:-:8393277-8393406,8253431-8253590	Ovary	10	11
3058	JHU_Ag_41179	SELLEWLNEQK	72	AGAP006017-PA	Splice junction	2L:-:24698728-24699158,24698496-24698626	Midgut	3	4
3059	JHU_Ag_21403	SEWDGNVELAQMVQQK	122	AGAP003023-PA	Splice junction	2R:-:31227860-31228007,31226993-31227722	Head	5	6
3060	JHU_Ag_3764	SEWEYK	36	AGAP012334-PA	Splice junction	3L:-:40733457-40733604,40733112-40733283	Ovary	1	2
3061	JHU_Ag_64365	SFEQVKDIYLHPDPFSVQNGLLTPTYK	79	AGAP011603-PA	Splice junction	3L:-:29280008-29280170,29279785-29279854	Malpighian tubule	7	8
3062	JHU_Ag_8110	SFFGSLFGGGSNK	53	AGAP003192-PA	Splice junction	2R:-:33743328-33743397,33742724-33742895	Pupa	1	2
3063	JHU_Ag_24895	SFFGSLFGGGSNKVEEAVECYQR	152	AGAP003192-PA	Splice junction	2R:-:33743328-33743397,33742724-33742865	Head	1	2
3064	JHU_Ag_2876	SFFSSPDGYYHPLGGGR	40	AGAP011717-PA	Splice junction	3L:+:32120303-32120325,32120406-32120433	Head	4	5
3065	JHU_Ag_6625	SFKDSDGDGIGDLK	76	AGAP002102-PA	residue overlap splice site	2R:+:15435718-15435759	Head	1	2
3066	JHU_Ag_11699	SFLGQSYNEESIK	95	AGAP000958-PA	Splice junction	X:-:18377914-18378028,18377141-18377579	Ovary	2	3
3067	JHU_Ag_32973	SFQSPILELR	40	AGAP009628-PA	Splice junction	3R:+:37299841-37299855,37299939-37299953	Midgut	4	5
3068	JHU_Ag_9349	SFSDFLLSYNK	64	AGAP000781-PA	Splice junction	X:-:14240030-14240081,14239837-14239903	Head	1	2
3069	JHU_Ag_41451	SFSDIVQQLR	86	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	Splice junction,Splice junction,Splice junction	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	Larva	1	2
3070	JHU_Ag_6261	SFSNVETSGYVGFANLPNQVHR	51	AGAP002645-PA	Splice junction	2R:-:24958829-24958847,24946364-24946494	Malpighian tubule	1	2
3071	JHU_Ag_102277	SFTDVYQELNIPVPEPILVEGEEGSER	145	AGAP000308-PA	Splice junction	X:+:5448638-5448658,5448733-5448792	Ovary	1	2
3072	JHU_Ag_272	SFTDVYQELNIPVPEPILVEGEEGSERK	42	AGAP000308-PA	Splice junction	X:+:5448638-5448658,5448733-5448795	Head	1	2
3073	JHU_Ag_33286	SFTPDYGAEGIFGGQLLGVK	99	AGAP004798-PA	Splice junction	2L:-:3642066-3642238,3641569-3641640	Midgut	6	7
3074	JHU_Ag_11403	SGAAAVDGAAR	44	AGAP001026-PA	Splice junction	X:-:19722823-19722826,19721522-19722725	Ovary	1	2
3075	JHU_Ag_78608	SGAAVMDILPQSVVEK	100	AGAP002145-PA	Splice junction	2R:-:16415333-16415286	Head	14	15
3076	JHU_Ag_39703	SGAAVMDILPQSVVEKDNR	39	AGAP002145-PA	Splice junction	2R:-:16415333-16415277	Head	14	15
3077	JHU_Ag_43836	SGDGEWDDCDEGR	66	AGAP008578-PA	Splice junction	3R:+:13262404-13262427,13262530-13262544	Ovary	1	2
3078	JHU_Ag_46711	SGDGEWDDCDEGRSFDQPK	56	AGAP008578-PA	Splice junction	3R:+:13262404-13262427,13262530-13262562	Malpighian tubule	1	2
3079	JHU_Ag_14772	SGDIVFAQGAAATPVHLLDAMTK	93	AGAP004396-PA	Splice junction	2R:-:55602699-55602879,55599042-55599775	Male reproductive organs	1	2
3080	JHU_Ag_19047	SGDYVDIKGHGAVHK	93	AGAP012138-PA	Splice junction	3L:+:38003608-38003631,38003722-38003742	Malpighian tubule	1	2
3081	JHU_Ag_92741	SGEGACNGDSGGPLVYEGK	120	AGAP006707-PA	Splice junction	2L:-:37115000-37115370,37114762-37114876	Midgut	2	3
3082	JHU_Ag_2412	SGEIIVTVQGDLSQQEK	74	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	Splice junction,Splice junction,Splice junction	2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997	Head	2	3
3083	JHU_Ag_44197	SGEIIVTVQGDLSQQEKR	129	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	Splice junction,Splice junction,Splice junction	2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994	Midgut	2	3
3084	JHU_Ag_109462	SGFNQQLAPIAEPAGQQHQTLIIEEFEPDVFR	41	AGAP012255-PA	Splice junction	3L:-:39425740-39425743,39424278-39424810	Head	2	3
3085	JHU_Ag_24560	SGGYPHYGFHPDYLSNPADLSYDPTEPTAPSPPSTLVGQR	52	AGAP006103-PB	Splice junction	2L:+:26687610-26687616,26688428-26688540	Malpighian tubule	1	2
3086	JHU_Ag_24139	SGGYQFTQHQIPTTFSFTGQK	71	AGAP007299-PA	Splice junction	2L:-:45090350-45090487,45090195-45090204	Head	8	9
3087	JHU_Ag_56055	SGHPTSCASIAEIMSVLFFNTMR	81	AGAP011161-PA	Splice junction	3L:+:18115247-18115251,18116615-18116678	Ovary	1	2
3088	JHU_Ag_5826	SGILSVIVDAFNDK	73	AGAP003687-PA	Splice junction	2R:-:42019955-42019914	Midgut	5	6
3089	JHU_Ag_68415	SGIVVSEGICHLGTK	47	AGAP007525-PA	Splice junction	2L:+:47222092-47222109,47222177-47222203	Midgut	3	4

3090	JHU_Ag_18470	SGKEVQIGGWTVLR	106	AGAP011938-PA	Splice junction	3L:-:35401415-35401886,35401100-35401289	Malpighian tubule	3	4
3091	JHU_Ag_12631	SGLLNFCAVALGLNDQGYR	103	AGAP008516-PA	Splice junction	3R:-:11699668-11699612	Ovary	6	7
3092	JHU_Ag_28381	SGLQTVLGSQQPNQAPSGAETVELLVER	44	AGAP009840-PA	Splice junction	3R:-:44091225-44091240,44088915-44091042	Salivary gland	1	2
3093	JHU_Ag_88077	SGNLLVIAGQ	45	AGAP011725-PA	Splice junction	3L:-:32454599-32454681,32454478-32454481	Malpighian tubule	3	4
3094	JHU_Ag_67548	SGSAADTQAIADIVAYSLNYHENQTGEPPLVEDAANEFR	250	AGAP009271-PA	Splice junction	3R:+:30419365-30419429,30419499-30419550	Ovary	2	3
3095	JHU_Ag_84258	SGSVLNMMR	58	AGAP004809-PA	Splice junction	2L:-:3795553-3795893,3794143-3795445	Midgut	3	4
3096	JHU_Ag_95984	SGTMDPKDFLAEAQIMK	36	AGAP006270-PA	Splice junction	2L:-:28932206-28932371,28931950-28932062	Midgut	5	6
3097	JHU_Ag_6490	SGYYGNGFSCVK	54	AGAP008193-PA	Splice junction	3R:-:6560380-6560593,6559545-6560280	Malpighian tubule	3	4
3098	JHU_Ag_29501	SHADNLDYVMYR	50	AGAP007215-PA	Splice junction	2L:-:44371588-44371687,44369741-44371262	Midgut	1	2
3099	JHU_Ag_60289	SHDVIELGYSVDDVKPK	133	AGAP011140-PA	Splice junction	3L:-:17839084-17839246,17838509-17838932	Ovary	1	2
3100	JHU_Ag_57232	SHFEETDNCELK	56	AGAP013256-PA	Splice junction	2R:+:43156652-43156681,43156761-43156766	Remaining organs	3	4
3101	JHU_Ag_1858	SHFITVEIERPFWK	42	AGAP009738-PA	Splice junction	3R:+:42055818-42055852,42055955-42055961	Head	2	3
3102	JHU_Ag_7466	SHIVLVTSGGTTVPLEHNTVR	69	AGAP004311-PA	Splice junction	2R:+:54372078-54372098,54374672-54374713	Ovary	1	2
3103	JHU_Ag_59133	SHTGERPFQCDECGK	35	AGAP009566-PA	Splice junction	3R:+:36329924-36329968	Head	12	13
3104	JHU_Ag_43867	SHVVIGGGTGFIGR	86	AGAP000649-PA	Splice junction	X:-:11598995-11598998,11597883-11598732	Midgut	1	2
3105	JHU_Ag_3634	SIAQLIK	33	AGAP012358-PB	Splice junction	3L:+:41078058-41078059,41088656-41088674	Malpighian tubule	3	4
3106	JHU_Ag_25552	SIAVLFYDNNDK	39	AGAP006452-PA	Splice junction	2L:+:32279682-32279700,32279774-32279790	Remaining organs	8	9
3107	JHU_Ag_10438	SIAVLFYDNNDKK	74	AGAP006452-PA	Splice junction	2L:+:32279682-32279700,32279774-32279793	Remaining organs	8	9
3108	JHU_Ag_76643	SIDDTSNFDEFPDVALEIPAHPQPEGEVLK	177	AGAP005521-PA	Splice junction	2L:-:16604394-16604503,16604150-16604225	Head	3	4
3109	JHU_Ag_21709	SIDLVYPLKGQVGR	73	AGAP003713-PA	Splice junction	2R:-:42307211-42307364,42306933-42307092	Midgut	1	2
3110	JHU_Ag_49424	SIDNVIEHLNYIK	86	AGAP011654-PA	Splice junction	3L:+:30826620-30826638,30826704-30826723	Midgut	3	4
3111	JHU_Ag_3204	SIEAEPWYFR	43	AGAP006270-PA	Splice junction	2L:-:29001552-29001630,28937748-28937857	Head	2	3
3112	JHU_Ag_89658	SIEAEPWYFRK	45	AGAP006270-PA	Splice junction	2L:-:29001552-29001630,28937748-28937854	Head	2	3
3113	JHU_Ag_8488	SIEEVPNFVSQEK	54	AGAP007146-PA	Splice junction	2L:-:43577274-43577529,43576940-43577156	Midgut	1	2
3114	JHU_Ag_31593	SIEEVPNFVSQEKMER	41	AGAP007146-PA	Splice junction	2L:-:43577274-43577529,43576940-43577147	Malpighian tubule	1	2
3115	JHU_Ag_71016	SIEIEDDAEIKDLK	85	AGAP004294-PA	Splice junction	2R:+:54154151-54154186,54154780-54154785	Ovary	1	2
3116	JHU_Ag_74160	SIGEFNYWGEEEVPLPPTK	80	AGAP008407-PA	Splice junction	3R:-:10370746-10370926,10368997-10369339	Head	3	4
3117	JHU_Ag_20838	SIGEFNYWGEEEVPLPPTKLENQR	48	AGAP008407-PA	Splice junction	3R:-:10370746-10370926,10368997-10369324	Malpighian tubule	3	4
3118	JHU_Ag_73043	SIGELPPHVYAIADK	54	AGAP000776-PA	Splice junction	X:-:13927494-13927587,13926377-13927359	Midgut	2	3
3119	JHU_Ag_60270	SIGIIGVIADKTHELSNTESITFSDSVAAVR	167	AGAP011971-PA	Splice junction	3L:+:35699078-35699116,35699212-35699265	Salivary gland	3	4
3120	JHU_Ag_56037	SIGSPNNEQQPVFTVTK	32	AGAP007934-PB	Splice junction	3R:-:3143766-3143925,3143484-3143649	Head	4	5
3121	JHU_Ag_30509	SIINIVDTGSLSHNLVR	80	AGAP011725-PA	Splice junction	3L:-:32454804-32455086,32454582-32454660	Remaining organs	2	3
3122	JHU_Ag_2060	SILEELQMLKPTNTVYK	45	AGAP012235-PA	Splice junction	3L:+:39177064-39177105,39177205-39177213	Head	2	3
3123	JHU_Ag_79628	SILGEEIPEGEISK	34	AGAP001207-PA	Splice junction	2R:+:1563812-1563835,1563920-1563937	Head	2	3
3124	JHU_Ag_48264	SILGEEIPEGEISKIYSITK	51	AGAP001207-PA	Splice junction	2R:+:1563812-1563835,1563920-1563955	Malpighian tubule	2	3
3125	JHU_Ag_15185	SILLHSVGGGVGQAIVQLAR	96	AGAP006478-PA	Splice junction	2L:+:32807770-32807802,32811938-32811964	Remaining organs	3	4
3126	JHU_Ag_25141	SINVDSETLGMEGNVTER	83	AGAP000708-PA,AGAP000708-PB	Splice junction,Splice junction	X:+:12691125-12691140,12691223-12691260;X:+:12691125-12691140,12691223-12691260	Malpighian tubule	6	7
3127	JHU_Ag_88597	SIQNLNTFDPFADAIK	119	AGAP006459-PA	Splice junction	2L:+:32371320-32371344,32373273-32373295	Ovary	1	2
3128	JHU_Ag_87975	SIQPWLQR	31	AGAP007309-PA	residue overlap splice site	2L:+:45258432-45258455	Malpighian tubule	3	4
3129	JHU_Ag_54065	SISTLEEYAEPIEYAPQIVK	65	AGAP007563-PA,AGAP007563-PB	Splice junction,Splice junction	2L:+:47670363-47670422;2L:+:47670363-47670422	Head	12	13
3130	JHU_Ag_12077	SIVGFNER	44	AGAP001826-PA	Splice junction	2R:-:11117551-11117674,11117152-11117461	Pupa	5	6
3131	JHU_Ag_49697	SKEALPAAPITLIHQRPVAEDVHEYPPPPPANNNR	60	AGAP008046-PA	Splice junction	3R:+:4843829-4843897,4844742-4844777	Malpighian tubule	6	7
3132	JHU_Ag_20984	SKEDEENEFSSLIAFK	66	AGAP005976-PA	Splice junction	2L:+:24397200-24397222,24397470-24397494	Head	3	4
3133	JHU_Ag_13399	SKIQEITEK	58	AGAP007940-PA,AGAP007940-PB	residue overlap splice site,residue overlap splice site	3R:-:3223655-3223735,3223506-3223560;3R:-:3223655-3223735,3223506-3223560;3R:-:3223655-3223735,3223506-3223560	Malpighian tubule	4	5
3134	JHU_Ag_1740	SKITANNFALGYSAGDFVLHTNVNDGR	164	AGAP009833-PA	Splice junction	3R:+:44049906-44049973,44050059-44050071	Pupa	2	3
3135	JHU_Ag_81989	SKLSIHK	31	AGAP007523-PA	Splice junction	2L:+:47186006-47186016,47186160-47186169	Malpighian tubule	11	12
3136	JHU_Ag_5911	SKPAAPEGPLEVK	37	AGAP001633-PA	Splice junction	2R:-:7166415-7166696,7166042-7166310	Pupa	19	20

3137	JHU_Ag_24282	SKPAAPEGPLEVKDMTK	59	AGAP001633-PA	Splice junction	2R:-:7166415-7166696,7166042-7166298	Remaining organs	19	20
3138	JHU_Ag_51202	SKPEYETLLK	31	AGAP000672-PA	Splice junction	X:-:11860602-11860763,11856460-11857096	Head	4	5
3139	JHU_Ag_29311	SKPNVLVLGGCGFIGR	83	AGAP004297-PA	Splice junction	2R:+:54160338-54160365,54160737-54160756	Salivary gland	1	2
3140	JHU_Ag_61427	SKQDFNPDALLFAPFILTPSSFPR	35	AGAP000534-PB,AGAP000534-PA	Splice junction,Splice junction	X:+:9555544-9555576,9555679-9555717;X:+:9555544-9555576,9555679-9555717	Ovary	1	2
3141	JHU_Ag_52155	SLAQQQFLDVPNAWGTVR	60	AGAP008407-PA	Splice junction	3R:-:10369023-10369388,10368734-10368901	Pupa	4	5
3142	JHU_Ag_46917	SLDKEQMNEVLDAMFEK	50	AGAP004940-PA	Splice junction	2L:+:6258687-6258704,6259655-6259687	Malpighian tubule	2	3
3143	JHU_Ag_16814	SLEAANQQYQELHER	112	AGAP000285-PA	Splice junction	X:-:5118422-5118488,5118160-5118243	Larva	1	2
3144	JHU_Ag_7426	SLENTQHVFTYK	95	AGAP001341-PA	residue overlap splice site	2R:+:3328317-3328352	Malpighian tubule	2	3
3145	JHU_Ag_94321	SLENTQHVFTYKIENEGKPLTNQK	175	AGAP001341-PA	Splice junction	2R:+:3328317-3328352,3328429-3328464	Malpighian tubule	2	3
3146	JHU_Ag_23285	SLEPFCYGDGDFQATVR	85	AGAP011811-PA	Splice junction	3L:-:33497465-33497800,33497216-33497348	Head	3	4
3147	JHU_Ag_94085	SLESWIK	39	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site	2R:+:43349448-43349468;2R:+:43349448-43349468;2R:+:43349448-43349468;2R:+:43349448-43349468	Head	4	5
3148	JHU_Ag_12088	SLESWIKDDLSGDYR	52	AGAP003790-PC	Splice junction	2R:+:43349448-43349468,43353249-43353272	Pupa	4	5
3149	JHU_Ag_43198	SLETILNANPTVIYPGHGNIINDPAER	86	AGAP004236-PA	Splice junction	2R:+:52957594-52957659,52957744-52957758	Midgut	3	4
3150	JHU_Ag_27741	SLEVSEEKANQR	89	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	Splice junction,Splice junction,Splice junction	2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074	Remaining organs	5	6
3151	JHU_Ag_50204	SLEYYWLLSR	74	AGAP013229-PA	Splice junction	2R:+:23673528-23673534,23673628-23673650	Larva	3	4
3152	JHU_Ag_79172	SLFGTTSTLNADIEK	63	AGAP008494-PA	Splice junction	3R:+:11324865-11324904,11326370-11326374	Male reproductive organs	1	2
3153	JHU_Ag_25693	SLFRPIASFAAIR	24	AGAP001205-PA	Splice junction	2R:+:1505806-1505815,1505895-1505923	Midgut	3	4
3154	JHU_Ag_81495	SLGNMLVLDELQNIAEADLIYTETLMCR	151	AGAP005325-PA	Splice junction	2L:+:14106835-14106871,14107041-14107087	Ovary	3	4
3155	JHU_Ag_99496	SLGQNPTEAELQDMINEVDADGNGTIDFPEFLTMMAR	172	AGAP010957-PA	Splice junction	3L:+:13803215-13803278,13818011-13818057	Ovary	2	3
3156	JHU_Ag_34863	SLGTADVVFER	77	AGAP006733-PA	Splice junction	2L:+:37418485-37418491,37418581-37418606	Ovary	2	3
3157	JHU_Ag_95030	SLGVEPVYSETGVK	70	AGAP006926-PA	Splice junction	2L:-:40079054-40079219,40078817-40078942	Male reproductive organs	3	4
3158	JHU_Ag_69868	SLGVPEKCPISAGQICTEPSQVVNINR	128	AGAP007851-PA	Splice junction	3R:+:2115175-2115210,2115278-2115322	Malpighian tubule	2	3
3159	JHU_Ag_9394	SLGYAYVNFQQPADAER	112	AGAP011092-PA	Splice junction	3L:-:16480000-16480123,16475328-16476802	Midgut	1	2
3160	JHU_Ag_111579	SLIPLHSIVLAK	24	AGAP008443-PA	Splice junction	3R:-:10838607-10838676,10838193-10838304	Male reproductive organs	4	5
3161	JHU_Ag_49428	SLPAELGELIQLR	85	AGAP004405-PA	Splice junction	2R:-:55809321-55809588,55809025-55809200	Ovary	1	2
3162	JHU_Ag_37042	SLPDGPSTYLNGERPLIDVGEPSGDYFENICEK	68	AGAP003012-PA	Splice junction	2R:+:31150779-31150875,31150979-31150980	Pupa	1	2
3163	JHU_Ag_78193	SLPEAVMTMVPEAWQNDR	63	AGAP006360-PA	Splice junction	2L:+:30480895-30480906,30480992-30481033	Midgut	4	5
3164	JHU_Ag_42171	SLPHYVPR	46	AGAP009502-PA	Splice junction	3R:+:34806172-34806174,34806240-34806260	Salivary gland	1	2
3165	JHU_Ag_2669	SLQDSVCGDGAWVENK	117	AGAP008227-PA	Splice junction	3R:-:7168598-7168911,7168225-7168486	Malpighian tubule	3	4
3166	JHU_Ag_49956	SLQDSVCGDGAWVENKGPLLTYHYR	160	AGAP008227-PA	Splice junction	3R:-:7168598-7168911,7168225-7168459	Malpighian tubule	3	4
3167	JHU_Ag_39900	SLQENFDK	63	AGAP000546-PA	Splice junction	X:+:9828289-9828300,9828500-9828511	Ovary	1	2
3168	JHU_Ag_75104	SLQENFDKAVENVK	79	AGAP000546-PA	Splice junction	X:+:9828289-9828300,9828500-9828529	Remaining organs	1	2
3169	JHU_Ag_31966	SLQSELDTLTATLK	46	AGAP009189-PA	Splice junction	3R:+:28579656-28579664,28579736-28579768	Remaining organs	4	5
3170	JHU_Ag_112464	SLSAFFWFCHDER	61	AGAP000005-PA	Splice junction	X:-:33107-33266,32837-32978	Ovary	3	4
3171	JHU_Ag_80130	SLSIQEPDDPPEPSEGDIPK	74	AGAP007687-PA	Splice junction	2L:+:49064044-49064061,49066339-49066380	Head	3	4
3172	JHU_Ag_9093	SLSSIEAAMIETK	100	AGAP010479-PA	Splice junction	3L:-:4182536-4182677,4182081-4182420	Midgut	4	5
3173	JHU_Ag_89624	SLSWLDLSHNR	85	AGAP000019-PA	Splice junction	X:+:287328-287360	Head	5	6
3174	JHU_Ag_74683	SLVCSISNEVPEHPCISPK	99	AGAP007217-PA	Splice junction	2L:+:44379312-44379327,44379458-44379498	Ovary	1	2
3175	JHU_Ag_16021	SLWDEISALADFDK	89	AGAP007963-PA	residue overlap splice site	3R:+:3364728-3364769	Remaining organs	2	3

3176	JHU_Ag_1255	SLWDEISALADFDKDGK	126	AGAP007963-PA	Splice junction	3R:+:3364728-3364769,3366989-3366997	Remaining organs	2	3
3177	JHU_Ag_106096	SMLQDREDQSILCTGESGAGK	49	AGAP007523-PA,AGAP007523-PB	Splice junction,Splice junction	2L:+:47170185-47170197,47173538-47173587;2L:+:47170185-47170197,47173538-47173587	Salivary gland	3	4
3178	JHU_Ag_78572	SMNVRVTTMDAELEFAIQQGTTGK	40	AGAP000562-PA	Splice junction	X:+:9974560-9974562,9992459-9992527	Malpighian tubule	1	2
3179	JHU_Ag_76561	SMVRPGESLVVDCSSSAGTGVPIK	99	AGAP003656-PB	Splice junction	2R:+:41209819-41209890;2R:+:41209819-41209890	Head	42	43
3180	JHU_Ag_27729	SMVRPGESLVVDCSSSAGTGVPIKWEK	70	AGAP003656-PB	Splice junction	2R:+:41209819-41209899;2R:+:41209819-41209899	Midgut	42	43
3181	JHU_Ag_69355	SNAAVGGLIAAELLRPAYPIEVR	82	AGAP002945-PA	Splice junction	2R:-:30006891-30006918,30004813-30006703	Head	1	2
3182	JHU_Ag_76632	SNAINQNGTGLEQQFAGLDLQQK	47	AGAP003047-PA	Splice junction	2R:-:31433390-31433393,31428619-31429741	Ovary	1	2
3183	JHU_Ag_31360	SNFSEMTDGTEFKR	86	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site	2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254	Midgut	6	7
3184	JHU_Ag_21411	SNGEFWTEFSDITAIAK	108	AGAP001981-PA,AGAP001981-PB	Splice junction,Splice junction	2R:-:13098898-13099096,13098639-13098766;2R:-:13098898-13099245,13098639-13098766	Remaining organs	1	2
3185	JHU_Ag_47233	SNHVLVWEQAEMATDEGVLPAKR	56	AGAP012251-PA	Splice junction	3L:+:39324457-39324520,39326623-39326627	Malpighian tubule	1	2
3186	JHU_Ag_83935	SNLGTVVLQLK	82	AGAP011149-PA	Splice junction	3L:+:17983207-17983216,17983298-17983320	Salivary gland	1	2
3187	JHU_Ag_85354	SNLGTVVLQLKK	41	AGAP011149-PA	Splice junction	3L:+:17983207-17983216,17983298-17983323	Malpighian tubule	1	2
3188	JHU_Ag_111701	SNLHNNNFDTSSIHSDR	94	AGAP002093-PA	Splice junction	2R:-:15238584-15238623,15238211-15238452	Midgut	2	3
3189	JHU_Ag_47650	SNLHNNNFDTSSIHSDRYNGEAGGR	96	AGAP002093-PA	Splice junction	2R:-:15238584-15238623,15238211-15238428	Midgut	2	3
3190	JHU_Ag_31421	SNLLLAGFINIVASDSNVYVAEKPDYEVGSK	186	AGAP008883-PA	Splice junction	3R:-:20279022-20279171,20278708-20278847	Ovary	2	3
3191	JHU_Ag_58456	SNNWPYCDGSHGAHNK	56	AGAP004484-PA	Splice junction	2R:+:56831967-56831975,56832090-56832128	Head	2	3
3192	JHU_Ag_32427	SNNWPYCDGSHGAHNKECGDNLGPVVVQR	36	AGAP004484-PA	Splice junction	2R:+:56831967-56831975,56832090-56832167	Head	2	3
3193	JHU_Ag_100557	SNQIAIETEHTGHEVINELEVQR	71	AGAP003112-PA	Splice junction	2R:-:32509494-32509584,32509167-32509344	Midgut	1	2
3194	JHU_Ag_73254	SNTSALKFFNTHQLK	39	AGAP001296-PA	residue overlap splice site	2R:+:2641121-2641165	Remaining organs	2	3
3195	JHU_Ag_11553	SNWQHCSAHAPMPPNAVLAGNDSDGSPIYVGR	129	AGAP006398-PA	Splice junction	2L:+:31085213-31085213,31085284-31085378	Malpighian tubule	3	4
3196	JHU_Ag_84946	SPAATTEVVDDRK	62	AGAP001096-PA	Splice junction	2R:+:7201-7219,7682-7701	Head	1	2
3197	JHU_Ag_73791	SPFEEEKAAAR	63	AGAP004322-PA	Splice junction	2R:-:54459198-54459386,54458710-54459049	Malpighian tubule	2	3
3198	JHU_Ag_53329	SPNVLIDLIAR	71	AGAP003202-PA	residue overlap splice site	2R:-:33809736-33810142,33808934-33809594	Ovary	2	3
3199	JHU_Ag_80218	SPQGYTDYGIYVTEVHEGSPAAK	66	AGAP005623-PA	Splice junction	2L:-:17946402-17946507,17946118-17946262	Ovary	2	3
3200	JHU_Ag_116679	SPTIEEEDTPQVIHVVPETSK	69	AGAP001762-PA	residue overlap splice site	2R:+:9488384-9488446	Malpighian tubule	1	2
3201	JHU_Ag_76310	SPYDIANLGLIFGLTEEK	166	AGAP008481-PA	Splice junction	3R:+:11063669-11063691,11063775-11063805	Ovary	3	4
3202	JHU_Ag_9086	SQDLLALAK	39	AGAP000564-PA	Splice junction	X:-:10022414-10022537,10020660-10020691	Midgut	1	2
3203	JHU_Ag_10646	SQFPYDSNVIEIVLGGWR	113	AGAP006194-PA	Splice junction	2L:-:28213937-28214098,28213533-28213809	Midgut	2	3
3204	JHU_Ag_26362	SQGFYQYVGDDGVVYRVDYVADGNGFLPQGDHIPK	151	AGAP009874-PA	Splice junction	3R:-:44647968-44648047,44647714-44647768	Remaining organs	3	4
3205	JHU_Ag_93885	SQIAISPNNNEVHIYK	47	AGAP008908-PA	Splice junction	3R:+:20626117-20626120,20626215-20626258	Salivary gland	1	2
3206	JHU_Ag_5202	SQIAISPNNNEVHIYKR	37	AGAP008908-PA	Splice junction	3R:+:20626117-20626120,20626215-20626261	Midgut	1	2
3207	JHU_Ag_29461	SQLESGHYELRPDGLSLVLADDTGVDADDLGKDEVILEPFPALSR	85	AGAP013179-PA	Splice junction	2R:+:41153617-41153686,41154064-41154128	Ovary	4	5
3208	JHU_Ag_69419	SQPVDNTISYVQCDGLAAMK	70	AGAP009204-PA	Splice junction	3R:+:28673314-28673361,28673600-28673611	Ovary	1	2
3209	JHU_Ag_106919	SQSAGGKLVDATPEIQR	120	AGAP004616-PA	Splice junction	2R:-:58515298-58515445,58515049-58515175	Malpighian tubule	1	2
3210	JHU_Ag_94190	SQSTFVFSDLDFMR	61	AGAP002684-PA	Splice junction	2R:+:25612000-25612015,25612086-25612111	Ovary	1	2
3211	JHU_Ag_83066	SQSVGPAVATDGTAPVVAGGSPK	150	AGAP004033-PA	Splice junction	2R:+:48142974-48143042	Head	9	10
3212	JHU_Ag_46844	SQYNSLFSEGSGDELANVDCR	125	AGAP007373-PA	residue overlap splice site	2L:-:46137174-46137112	Head	4	5
3213	JHU_Ag_99584	SRFSGPANFGMQGPR	97	AGAP002655-PA	Splice junction	2R:+:25192369-25192390,25192487-25192509	Malpighian tubule	4	5

3214	JHU_Ag_97970	SRMDAYNIIK	45	AGAP006037-PA	Splice junction	2L:+:25522774-25522778,25523078-25523102	Ovary	3	4
3215	JHU_Ag_70900	SSAHTGDQTIDEYPEISGITTAR	46	AGAP003424-PA	Splice junction	2R:-:37527218-37527284,37526487-37526487	Ovary	4	5
3216	JHU_Ag_61481	SSAQFYTTWSGLDEDLRYQYLK	34	AGAP005014-PA	residue overlap splice site	2L:+:8299098-8299163	Malpighian tubule	4	5
3217	JHU_Ag_90277	SSAQGVLQGLHHGLGR	98	AGAP003204-PA	Splice junction	2R:-:33820568-33820639,33820288-33820462	Head	8	9
3218	JHU_Ag_111373	SSCGSCYLGDAFR	48	AGAP008883-PA	Splice junction	3R:-:20278527-20278640,20278319-20278409	Malpighian tubule	4	5
3219	JHU_Ag_41972	SSEEDFHDYCEPILHLAGFEVDLVK	58	AGAP005825-PA	Splice junction	2L:-:22054110-22054231,22053245-22053971	Malpighian tubule	2	3
3220	JHU_Ag_79330	SSEVLCSIALEVDFLQKK	36	AGAP012684-PA	residue overlap splice site	UNKN:-:23507066-23507013	Malpighian tubule	1	2
3221	JHU_Ag_39635	SSFGFSIVGGK	74	AGAP002145-PA	residue overlap splice site	2R:-:16417889-16417857	Head	2	3
3222	JHU_Ag_111615	SSFSLQDVLR	37	AGAP009210-PA	Splice junction	3R:-:28767980-28768019,28760240-28760339	Head	6	7
3223	JHU_Ag_31431	SSFTSNVNFLKR	69	AGAP003318-PA,AGAP003318-PB	residue overlap splice site,residue overlap splice site	2R:+:35901349-35901384;2R:+:35901349-35901384	Head	2	3
3224	JHU_Ag_30180	SSGDLNFK	57	AGAP006918-PA	residue overlap splice site	2L:-:39996470-39996447	Remaining organs	2	3
3225	JHU_Ag_38777	SSGDQQMSTATTGQPHLQQQDLSKLDITK	116	AGAP003597-PA,AGAP003597-PB	Splice junction,Splice junction	2R:-:40401190-40401193,40400479-40400642;2R:-:40401190-40401193,40400479-40400642	Malpighian tubule	1	2
3226	JHU_Ag_78715	SSIALSEIMQSIR	114	AGAP004996-PA	Splice junction	2L:-:7734585-7734921,7733834-7734460	Larva	1	2
3227	JHU_Ag_16103	SSIGTGYDLSASQFSPDGR	132	AGAP001973-PB,AGAP001973-PA	Splice junction,Splice junction	2R:+:13002559-13002576,13002728-13002766;2R:+:13002559-13002576,13002728-13002766	Ovary	1	2
3228	JHU_Ag_23138	SSIGTGYDLSASQFSPDGRVFQIEYAAK	126	AGAP001973-PB,AGAP001973-PA	Splice junction,Splice junction	2R:+:13002559-13002576,13002728-13002793;2R:+:13002559-13002576,13002728-13002793	Malpighian tubule	1	2
3229	JHU_Ag_48975	SSIYQDLSEEHPR	98	AGAP000470-PA	Splice junction	X:+:8105469-8105495,8108575-8108586	Malpighian tubule	1	2
3230	JHU_Ag_37377	SSLLLREEEIAQIHEETGFTPNQIER	94	AGAP001760-PA	Splice junction	2R:-:9484982-9484994,9483750-9484230	Malpighian tubule	1	2
3231	JHU_Ag_20743	SSLSALSLASSVRPITK	58	AGAP004033-PA	Splice junction	2R:+:48137473-48137510,48137597-48137609	Head	8	9
3232	JHU_Ag_36575	SSLTNGTSATDGAATR	56	AGAP002149-PB	Splice junction	2R:+:16460633-16460680;2R:+:16460633-16460680	Ovary	5	6
3233	JHU_Ag_70400	SSPEDTSPASDRQTAAPNAGVK	40	AGAP000275-PA	Splice junction	X:-:5019199-5019248,5009992-5010276	Malpighian tubule	2	3
3234	JHU_Ag_9434	SSPEILYTGIFINNEWHK	99	AGAP003652-PA	Splice junction	2R:+:41060242-41060268,41060354-41060380	Salivary gland	1	2
3235	JHU_Ag_80069	SSQKEQDETLLQPFSYIQQIPGK	49	AGAP006894-PA	Splice junction	2L:-:39557717-39557765,39557419-39557529	Male reproductive organs	1	2
3236	JHU_Ag_36733	SSQVEFEGAK	41	AGAP010206-PA	Splice junction	3R:-:50704734-50705091,50704510-50704627	Malpighian tubule	2	3
3237	JHU_Ag_47456	SSSQYYPFQCTPTVYPADPFDANEDAGTLR	62	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	Splice junction,Splice junction,Splice junction,Splice junction	2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487	Ovary	1	2
3238	JHU_Ag_33642	SSVLENFVGR	60	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31198497-31198614,31195939-31196012;2R:-:31198497-31198614,31195939-31196012	Salivary gland	1	2
3239	JHU_Ag_77681	SSVLENFVGRDFLPR	119	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31198497-31198614,31195939-31195997;2R:-:31198497-31198614,31195939-31195997	Malpighian tubule	1	2
3240	JHU_Ag_92966	SSYCVPILGR	61	AGAP001418-PA	Splice junction	2R:-:4664954-4665063,4663904-4664156	Ovary	4	5
3241	JHU_Ag_80111	SSYDDENGVR	52	AGAP004860-PA	residue overlap splice site	2L:-:4509554-4509525	Midgut	1	2
3242	JHU_Ag_31637	SSYDDENGVRR	51	AGAP004860-PA	Splice junction	2L:-:4509554-4510013,4508795-4509443	Midgut	1	2
3243	JHU_Ag_96668	SSYFGYSLNLRPGGVIVGAPR	70	AGAP004303-PA	Splice junction	2R:-:54255915-54256074,54254334-54254683	Malpighian tubule	1	2
3244	JHU_Ag_5232	STAEVVCDAPAERPRPAPR	51	AGAP000331-PA	Splice junction	X:-:5791743-5791877,5791365-5791604	Malpighian tubule	12	13

3245	JHU_Ag_111585	STAISMYFELDEK	59	AGAP009441-PA	Splice junction	3R:-:33499977-33500187,33498031-33499832	Larva	2	3
3246	JHU_Ag_104841	STAISMYFELDEKDLVFITNPDQR	71	AGAP009441-PA	Splice junction	3R:-:33499977-33500187,33498031-33499799	Malpighian tubule	2	3
3247	JHU_Ag_86199	STATEAAAATSSTTEDVAKEGEPEAR	108	AGAP005075-PB	Splice junction	2L:+:9650977-9651034,9651655-9651674	Ovary	4	5
3248	JHU_Ag_54869	STAYSGYDAQAYSQGYAK	128	AGAP003388-PA	Splice junction	2R:-:37226378-37226508,37224599-37224632	Ovary	3	4
3249	JHU_Ag_600	STDSQLDESSDGISIISESDASSLPMEEDLHDDR	114	AGAP001107-PB	Splice junction	2R:+:264589-264596,264823-264916	Head	1	2
3250	JHU_Ag_11516	STEGNVLIVGHATTLDTCTR	125	AGAP002463-PB,AGAP002463-PA	Splice junction,Splice junction	2R:+:21820992-21820998,21821089-21821141;2R:+:21820992-21820998,21821089-21821141	Midgut	2	3
3251	JHU_Ag_30323	STEPAAESRPTVR	33	AGAP006456-PA	Splice junction	2L:+:32355228-32355255,32355327-32355337	Midgut	2	3
3252	JHU_Ag_46408	STGMTYYLNVYTK	75	AGAP004321-PA,AGAP013475-PA	Splice junction,Splice junction	2R:+:54457965-54457971,54458034-54458065;2R:+:54455679-54455685,54455748-54455779	Ovary	1	2
3253	JHU_Ag_11570	STGSQVDTFAVQGCTAGSK	93	AGAP001182-PA	Splice junction	2R:-:796028-796216,795735-795891	Remaining organs	2	3
3254	JHU_Ag_86309	STGVEYFKINIPTYDTDGVLGK	51	AGAP005618-PA	Splice junction	2L:-:17920893-17920992,17920595-17920759	Malpighian tubule	1	2
3255	JHU_Ag_12127	STLERNPNAFKPK	32	AGAP010380-PA	Splice junction	3L:-:2389507-2391013,2389153-2389393	Malpighian tubule	1	2
3256	JHU_Ag_43378	STNSDYDTTEFVLPLAK	76	AGAP008798-PA	Splice junction	3R:-:17959539-17959647,17959192-17959420	Head	1	2
3257	JHU_Ag_6447	STTQDELLATVK	56	AGAP002830-PA	Splice junction	2R:-:28081456-28081637,28079075-28079194	Salivary gland	2	3
3258	JHU_Ag_54539	STTYYNGVFDCIR	47	AGAP002939-PB	Splice junction	2R:-:29867800-29867956,29867527-29867677	Malpighian tubule	1	2
3259	JHU_Ag_67243	STTYYNGVFDCIRK	103	AGAP002939-PB	Splice junction	2R:-:29867800-29867956,29867527-29867674	Malpighian tubule	1	2
3260	JHU_Ag_37990	STVPIEAGQWHTVSAGR	73	AGAP003656-PB,AGAP003656-PA	Splice junction,Splice junction	2R:+:41211636-41211686;2R:+:41211636-41211686	Remaining organs	45	46
3261	JHU_Ag_66663	STWIVIHNDIYDVTEFLNEHPGGEEVLLEQAGR	45	AGAP007121-PA	Splice junction	2L:+:43046140-43046196,43048057-43048098	Malpighian tubule	1	2
3262	JHU_Ag_29197	SVAQGANFLVTAANK	62	AGAP004801-PA	Splice junction	2L:+:3743576-3743604,3743682-3743697	Head	11	12
3263	JHU_Ag_9542	SVDEIPVSTQILSQK	60	AGAP001644-PB,AGAP001644-PA	Splice junction,Splice junction	2R:-:7263056-7263251,7262808-7262919;2R:-:7263056-7263251,7262808-7262919	Head	4	5
3264	JHU_Ag_12712	SVGWEVPAEGGHMTNLLR	50	AGAP003077-PB,AGAP003077-PA	Splice junction,Splice junction	2R:-:32233304-32233340,32232510-32233152;2R:-:32233304-32233340,32232510-32233152	Midgut	3	4
3265	JHU_Ag_2564	SVIHALQQTLDYDIILSAQK	53	AGAP006944-PA	Splice junction	2L:+:40193932-40193964,40194027-40194053	Pupa	2	3
3266	JHU_Ag_88576	SVIVSHGMVYNDLLQNPLIVPLRR	76	AGAP007128-PA	Splice junction	2L:+:43111324-43111355,43111437-43111476	Ovary	4	5
3267	JHU_Ag_1561	SVLTSNATEESECSAAK	96	AGAP007299-PA	Splice junction	2L:-:45091917-45092046,45091652-45091781	Malpighian tubule	3	4
3268	JHU_Ag_38931	SVLVFRSDSFEIAQPGSAMSAALGMANVK	90	AGAP001826-PA	Splice junction	2R:-:11117789-11123054,11117542-11117633	Malpighian tubule	4	5
3269	JHU_Ag_62514	SVPGGYNLFVQDKEVATLIENLYSK	83	AGAP000943-PD,AGAP000943-PE	Splice junction,Splice junction	X:-:18257155-18257287,18256788-18256989;X:-:18257155-18257287,18256788-18256989	Salivary gland	3	4
3270	JHU_Ag_104416	SVQLLGSAYKEK	51	AGAP007942-PA	residue overlap splice site	3R:+:3232606-3232641	Head	2	3
3271	JHU_Ag_103555	SVQPDMEELTENAEEGDEGESK	114	AGAP007942-PB	Splice junction	3R:+:3232606-3232608,3232925-3232987	Head	2	3
3272	JHU_Ag_70247	SVSPSTITNER	42	AGAP006184-PA	Splice junction	2L:+:27867872-27867895,27868010-27868018	Head	3	4
3273	JHU_Ag_86170	SVTDSSGEEQLFK	42	AGAP007545-PA	Splice junction	2L:+:47458348-47458377,47458999-47459007	Ovary	2	3
3274	JHU_Ag_47212	SVTLNETYLPLFNTENGR	61	AGAP000023-PA	Splice junction	X:-:322024-322066,321777-321879	Malpighian tubule	2	3
3275	JHU_Ag_7911	SVTLNETYLPLFNTENGRK	80	AGAP000023-PA	Splice junction	X:-:322024-322066,321777-321876	Midgut	2	3
3276	JHU_Ag_22278	SVTLQHHLDAMEGKPTNSWQYR	108	AGAP008596-PA	Splice junction	3R:-:13470336-13470699,13469778-13470201	Malpighian tubule	4	5
3277	JHU_Ag_59608	SVTSSATVIPKPPK	47	AGAP001141-PB	Splice junction	2R:+:586711-586749,586826-586828	Ovary	5	6
3278	JHU_Ag_30803	SVVDDLDKAQLELLR	140	AGAP006179-PB	Splice junction	2L:-:27808202-27808205,27799584-27799972	Head	2	3
3279	JHU_Ag_41612	SVVGTPAYLAPEVLR	37	AGAP000070-PA	Splice junction	X:-:1101023-1101179,1100431-1100597	Malpighian tubule	5	6
3280	JHU_Ag_26385	SVVLRPFVTNDFMTGVPAIPGTDRLPTNVLQK	30	AGAP010139-PA	Splice junction	3R:-:49356763-49356871,49356476-49356566	Ovary	10	11
3281	JHU_Ag_51427	SVVTSSTEKDGAATK	66	AGAP001298-PA	Splice junction	2R:+:2649434-2649461,2650136-2650152	Malpighian tubule	5	6
3282	JHU_Ag_56964	SVWHVYFNISGTPGHGSLLLK	127	AGAP000679-PA	Splice junction	X:+:12118506-12118515,12118594-12118646	Malpighian tubule	2	3
3283	JHU_Ag_77155	SVWHVYFNISGTPGHGSLLLKGTAGQK	91	AGAP000679-PA	Splice junction	X:+:12118506-12118515,12118594-12118664	Malpighian tubule	2	3
3284	JHU_Ag_60690	SVWVEYIQLALQYKPLNLGQGFPDYHAPK	71	AGAP011158-PA	Splice junction	3L:+:18109382-18109389,18109476-18109554	Ovary	1	2
3285	JHU_Ag_1699	SWDKVYCVAR	34	AGAP010895-PA	Splice junction	3L:+:12743308-12743319,12743402-12743419	Head	6	7

3286	JHU_Ag_62741	SWEDLGLIDTLCTACR	52	AGAP009808-PA	Splice junction	3R:+:43709564-43709578,43709655-43709687	Ovary	1	2
3287	JHU_Ag_68490	SWWQVDK	45	AGAP006478-PA	Splice junction	2L:+:32812405-32812407,32812492-32812509	Head	5	6
3288	JHU_Ag_10927	SWWQVDKVSPIK	67	AGAP006478-PA	Splice junction	2L:+:32812405-32812407,32812492-32812524	Head	5	6
3289	JHU_Ag_22000	SWYYTPHPTVVPAEDFDASADANALR	74	AGAP003721-PA	Splice junction	2R:-:42432622-42432625,42432291-42432405	Head	1	2
3290	JHU_Ag_8251	SWYYTPHPTVVPAEDFDASADANALRK	186	AGAP003721-PA	Splice junction	2R:-:42432622-42432625,42432291-42432402	Midgut	1	2
3291	JHU_Ag_74009	SWYYTPVPTVVPAEDFDASADANALR	119	AGAP003722-PA,AGAP012784-PA	Splice junction,Splice junction	2R:+:42434206-42434220,42434395-42434457;UNKN:-:28950789-28950792,28950433-28950547	Ovary	1	2
3292	JHU_Ag_102217	SWYYVPKPTVVPAENFNPSEDAAALR	42	AGAP003720-PA	Splice junction	2R:-:42429963-42429966,42428702-42429533	Head	1	2
3293	JHU_Ag_11634	SWYYVPKPTVVPAENFNPSEDAAALRK	110	AGAP003720-PA	Splice junction	2R:-:42429963-42429966,42428702-42429530	Head	1	2
3294	JHU_Ag_54192	SYAGIPEAVFVDDVEQFMK	111	AGAP011165-PA	Splice junction	3L:-:18189939-18189990,18189231-18189705	Ovary	1	2
3295	JHU_Ag_100684	SYAVEDIDSLNEAATDVKK	135	AGAP010717-PA	Splice junction	3L:-:8940671-8940858,8939373-8940396	Male reproductive organs	3	4
3296	JHU_Ag_8477	SYEGIGEAAK	71	AGAP001064-PA	Splice junction	X:-:22308252-22308311,22293418-22293527	Malpighian tubule	3	4
3297	JHU_Ag_85344	SYLVNDTLSVADVVVFHTIHETMANLQPLEK	82	AGAP004929-PA	Splice junction	2L:+:6115149-6115217,6115303-6115326	Ovary	3	4
3298	JHU_Ag_5458	SYMNFEEADMER	68	AGAP006366-PC	Splice junction	2L:-:30527097-30527199,30523039-30523510	Salivary gland	4	5
3299	JHU_Ag_7585	SYNWSEK	31	AGAP000952-PA	Splice junction	X:-:18334560-18334692,18333428-18333548	Larva	2	3
3300	JHU_Ag_41599	SYPFYGIQFHPEK	42	AGAP006670-PA	Splice junction	2L:+:36632324-36632325,36632398-36632434	Midgut	2	3
3301	JHU_Ag_43138	SYQSRGHLVADIDPLGILNAEINPER	103	AGAP006366-PC	Splice junction	2L:-:30528213-30528408,30527082-30527131	Malpighian tubule	3	4
3302	JHU_Ag_3180	SYTGADNVVGASQIPEGPNVEHR	44	AGAP012185-PA	Splice junction	3L:+:38512315-38512323,38512468-38512527	Male reproductive organs	10	11
3303	JHU_Ag_85978	SYTGADNVVGASQIPEGPNVEHRR	106	AGAP012185-PA	Splice junction	3L:+:38512315-38512323,38512468-38512530	Malpighian tubule	10	11
3304	JHU_Ag_43163	SYVQLMQER	50	AGAP003200-PA	Splice junction	2R:+:33799880-33799906	Malpighian tubule	3	4
3305	JHU_Ag_31967	SYYGGGSSERLFDLGGLLGSR	67	AGAP010849-PA	Splice junction	3L:+:11997015-11997045,11997123-11997154	Malpighian tubule	2	3
3306	JHU_Ag_8377	SYYPVTTGTSVVGLMFK	103	AGAP012608-PA,AGAP011444-PA	Splice junction,Splice junction	UNKN:-:19477344-19477494,19477047-19477208;3L:+:24754988-24754992,24755080-24755125	Male reproductive organs	1	2
3307	JHU_Ag_46664	TAAISTVDEQEIAEAR	74	AGAP007647-PA	Splice junction	2L:-:48693526-48693535,48692549-48693284	Remaining organs	1	2
3308	JHU_Ag_47713	TAAQLIQQNTLADAGSK	112	AGAP001237-PA	Splice junction	2R:-:1773469-1773835,1773271-1773355	Ovary	1	2
3309	JHU_Ag_19936	TAASVAAQSQVVYK	73	AGAP003142-PA	Splice junction	2R:+:33210726-33210741,33210906-33210931	Male reproductive organs	5	6
3310	JHU_Ag_79297	TADQPEEAPEDEYDPR	50	AGAP010768-PA	Splice junction	3L:-:10102180-10102258,10101987-10102057	Head	1	2
3311	JHU_Ag_104222	TAFISESASSLK	57	AGAP002933-PA	Splice junction	2R:-:29834830-29835006,29834528-29834736	Midgut	4	5
3312	JHU_Ag_33958	TAIESVNNGTLTPETVK	94	AGAP002891-PE,AGAP002891-PB	Splice junction,Splice junction	2R:-:28945813-28945763;2R:-:28945813-28945763;2R:-:28945813-28945763;2R:-:28945813-28945763;2R:-:28945813-28945763	Malpighian tubule	8	9
3313	JHU_Ag_36072	TAQDLDVR	59	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44671794-44671817;2R:+:44671794-44671817	Malpighian tubule	7	8
3314	JHU_Ag_87127	TAQDLDVRIMIDAEQTYFQPAISR	87	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44671794-44671865;2R:+:44671794-44671865	Malpighian tubule	7	8
3315	JHU_Ag_77271	TAQSHPMLVELK	36	AGAP009687-PA	Splice junction	3R:+:38670447-38670467,38673733-38673747	Ovary	2	3
3316	JHU_Ag_25921	TASGVEQYVIDLK	107	AGAP004094-PA	Splice junction	2R:+:49717890-49717914,49718048-49718061	Head	1	2
3317	JHU_Ag_22828	TASPVGFVTFNTR	56	AGAP013145-PA,AGAP013145-PB,AGAP013145-PC	Splice junction,Splice junction,Splice junction	2R:+:8647089-8647097,8647281-8647310;2R:+:8647089-8647097,8647281-8647310;2R:+:8647089-8647097,8647281-8647310	Head	2	3
3318	JHU_Ag_32554	TATISQLTDAAAEK	87	AGAP005082-PA	Splice junction	2L:+:9766082-9766098,9766166-9766190	Male reproductive organs	5	6
3319	JHU_Ag_1557	TAVNVNDIFLAIAK	131	AGAP007901-PB	Splice junction	3R:+:2591291-2591327,2591763-2591767	Midgut	3	4
3320	JHU_Ag_38461	TAVVCGITGR	60	AGAP002718-PA	Splice junction	2R:-:26176150-26176417,26175166-26175356	Malpighian tubule	1	2
3321	JHU_Ag_81139	TAYYTFYLPVAMAMHLTGYTDPEMFR	67	AGAP007104-PA	Splice junction	2L:-:42785463-42785772,42785112-42785314	Midgut	3	4

3322	JHU_Ag_20652	TCAQEFTQYANCLDKSSGDLNFK	112	AGAP006918-PA	residue overlap splice site	2L:-:39996515-39996447	Malpighian tubule	2	3
3323	JHU_Ag_17182	TCLQVATNVTEQK	47	AGAP001256-PA	Splice junction	2R:-:2058627-2058666,2054008-2055455	Head	1	2
3324	JHU_Ag_78005	TCLQVATNVTEQKHNVSR	61	AGAP001256-PA	Splice junction	2R:-:2058627-2058666,2054008-2055440	Malpighian tubule	1	2
3325	JHU_Ag_12591	TCSCLICEQR	37	AGAP001141-PB	Splice junction	2R:+:586225-586248,586330-586335	Ovary	4	5
3326	JHU_Ag_65909	TCVADCK	41	AGAP001890-PA	Splice junction	2R:+:11913374-11913386,11913476-11913483	Midgut	1	2
3327	JHU_Ag_832	TDAEKTAPETTAETK	49	AGAP002654-PA,AGAP002654-PB	residue overlap splice site,residue overlap splice site	2R:-:25187644-25187600;2R:-:25187644-25187600	Head	1	2
3328	JHU_Ag_10123	TDDNELQFSEETISLAK	108	AGAP010229-PA	Splice junction	3R:+:51294857-51294864,51295517-51295559	Midgut	1	2
3329	JHU_Ag_4240	TDEYFYGATLK	90	AGAP004395-PA	Splice junction	2R:+:55594007-55594025,55595298-55595311	Salivary gland	1	2
3330	JHU_Ag_30149	TDEYFYGATLKEGSK	122	AGAP004395-PA	Splice junction	2R:+:55594007-55594025,55595298-55595323	Malpighian tubule	1	2
3331	JHU_Ag_54910	TDGLTDQQVER	33	AGAP006340-PA,AGAP006340-PB,AGAP006340-PC	Splice junction,Splice junction,Splice junction	2L:+:29960588-29960605,29960684-29960698;2L:+:29960588-29960605,29960684-29960698;2L:+:29960588-29960605,29960684-29960698	Head	13	14
3332	JHU_Ag_93549	TDGQLLNLIK	81	AGAP007904-PA	residue overlap splice site	3R:-:2606810-2606781	Male reproductive organs	2	3
3333	JHU_Ag_13358	TDGQLLNLIKECNLK	105	AGAP007904-PA	Splice junction	3R:-:2606810-2606897,2605575-2606674	Male reproductive organs	2	3
3334	JHU_Ag_16143	TDMDHSVIVSDYAAMDR	76	AGAP009505-PA	Splice junction	3R:-:34964315-34964909,34963390-34964188	Ovary	3	4
3335	JHU_Ag_59625	TDPKQAWLLLVGISAQQNR	34	AGAP003021-PB	Splice junction	2R:+:31212783-31212816,31212929-31212951	Head	2	3
3336	JHU_Ag_21	TDPNYPAGFMDVINIHK	47	AGAP006871-PA	Splice junction	2L:-:39286436-39286664,39285236-39285743	Head	2	3
3337	JHU_Ag_98026	TDQVIQALIELVNDPEPEHPLR	119	AGAP001056-PA	Splice junction	X:-:21756056-21756233,21755830-21755926	Malpighian tubule	3	4
3338	JHU_Ag_77679	TDQVIQALIELVNDPEPEHPLRADLAEEFLK	86	AGAP001056-PA	Splice junction	X:-:21756056-21756233,21755830-21755899	Ovary	3	4
3339	JHU_Ag_88957	TDTVNYLLIPDEEDLIK	46	AGAP002800-PA	residue overlap splice site	2R:+:27653301-27653351	Midgut	2	3
3340	JHU_Ag_7745	TDVKGSAPLAIGLSITAGHLAAIK	157	AGAP008842-PA	Splice junction	3R:-:19308372-19308516,19308116-19308191	Malpighian tubule	4	5
3341	JHU_Ag_99489	TDVSAKTEK	35	AGAP001387-PA	Splice junction	2R:-:4117663-4117666,4116737-4117208	Malpighian tubule	1	2
3342	JHU_Ag_44142	TEDNNGAGAGDGAEAEGANEDEISSK	131	AGAP007362-PA	Splice junction	2L:-:46067613-46068006,46062367-46062418	Head	2	3
3343	JHU_Ag_8403	TEDQEISNLVDSLAIGK	106	AGAP003397-PA	Splice junction	2R:+:37296956-37296982,37297065-37297088	Malpighian tubule	1	2
3344	JHU_Ag_37092	TEDQEISNLVDSLAIGKDK	63	AGAP003397-PA	Splice junction	2R:+:37296956-37296982,37297065-37297094	Ovary	1	2
3345	JHU_Ag_3059	TEEVADQVIR	39	AGAP001069-PA	Splice junction	X:-:22487971-22488001,22455323-22456076	Malpighian tubule	1	2
3346	JHU_Ag_47450	TEEVADQVIRK	53	AGAP001069-PA	Splice junction	X:-:22487971-22488001,22455323-22456073	Male reproductive organs	1	2
3347	JHU_Ag_114587	TEFSTISVNQLR	77	AGAP011592-PA,AGAP011599-PA	Splice junction,Splice junction	3L:-:28625525-28625717,28625306-28625426;3L:+:28753288-28753309,28753374-28753387	Male reproductive organs	1	2
3348	JHU_Ag_96035	TEGLYHYVK	38	AGAP000173-PA	Splice junction	X:+:2939519-2939523,2939609-2939630	Head	3	4
3349	JHU_Ag_44838	TEIEESDTDQSPDQNK	114	AGAP008408-PA	Splice junction	3R:-:10416274-10416369,10415036-10415081	Head	8	9
3350	JHU_Ag_94437	TEIKGEAPVFTRPMQEK	35	AGAP002737-PA,AGAP002737-PB	residue overlap splice site,Splice junction	2R:+:26389579-26389624,26389771-26389775;2R:+:26389579-26389624,26389771-26389775	Remaining organs	7	8
3351	JHU_Ag_42988	TELSQSDMFDPR	52	AGAP010310-PA	residue overlap splice site	3L:-:81420-81633,81168-81321	Salivary gland	3	4
3352	JHU_Ag_98217	TENDNANLVCNIVPDVHIHPTASVHPTATLGPNVSIGPGVVIGPGVR	106	AGAP011723-PA	Splice junction	3L:-:32414712-32415506,32414437-32414504	Malpighian tubule	2	3
3353	JHU_Ag_66404	TENPLVLIDEVDKIGR	35	AGAP010451-PA	residue overlap splice site	3L:-:3861186-3861562,3860875-3861062	Male reproductive organs	6	7
3354	JHU_Ag_19690	TEQQSVQQQSHQVMQQR	90	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	residue overlap splice site,residue overlap splice site,residue overlap splice site	2L:+:47633046-47633096;2L:+:47633046-47633096;2L:+:47633046-47633096	Male reproductive organs	1	2
3355	JHU_Ag_60851	TESAGVK	42	AGAP008842-PA	Splice junction	3R:-:19344481-19344484,19326958-19327144	Malpighian tubule	1	2

3356	JHU_Ag_65572	TESEVLPYQDAR	40	AGAP011781-PA	Splice junction	3L:-:33248245-33248427,33247587-33248136	Pupa	3	4
3357	JHU_Ag_3238	TESVPIGVPTVVPSGGSSYAATVR	44	AGAP005910-PA	Splice junction	2L:+:23609426-23609429,23609500-23609567	Head	4	5
3358	JHU_Ag_13281	TETAFEKHEETR	56	AGAP007563-PA,AGAP007563-PB	Splice junction,Splice junction	2L:+:47673947-47673964,47674138-47674155;2L:+:47673947-47673964,47674138-47674155	Pupa	14	15
3359	JHU_Ag_32266	TEVITEDSILK	43	AGAP002413-PB	Splice junction	2R:+:21030259-21030259,21030352-21030383	Pupa	7	8
3360	JHU_Ag_41568	TEYQAQVNVGDCTGPER	105	AGAP005015-PA	Splice junction	2L:-:8316685-8316736,8311802-8311874	Ovary	3	4
3361	JHU_Ag_29506	TFCGTPDYIAPEIILYQPYGK	60	AGAP012252-PA	Splice junction	3L:+:39390353-39390388,39390472-39390498	Head	12	13
3362	JHU_Ag_17116	TFEPFYINAVR	42	AGAP005082-PA	residue overlap splice site	2L:+:9772973-9772996,9773067-9773075	Midgut	13	14
3363	JHU_Ag_43463	TFEYDLALLR	70	AGAP008996-PA	residue overlap splice site	3R:-:22874054-22874178,22873827-22873942	Pupa	2	3
3364	JHU_Ag_14286	TFFGQFGNIVEVEMPFDK	87	AGAP000399-PB,AGAP000399-PA	Splice junction,Splice junction	X:-:7261891-7262142,7261306-7261541;X:-:7261891-7262142,7261306-7261541	Salivary gland	3	4
3365	JHU_Ag_105774	TFFQETQQGVIGMVVDSAWHEPNSEDDYEAAER	110	AGAP006425-PA	Splice junction	2L:-:31720070-31720523,31719894-31719909	Larva	3	4
3366	JHU_Ag_112391	TFKEFEAK	45	AGAP001823-PA	residue overlap splice site	2R:-:10902998-10902975	Malpighian tubule	2	3
3367	JHU_Ag_24862	TFMLPGSGTDNVR	68	AGAP008193-PA	Splice junction	3R:-:6560695-6561154,6560355-6560588	Larva	2	3
3368	JHU_Ag_112298	TFTVDQSDPPFPRPTAHWWYGCK	68	AGAP006904-PA	Splice junction	2L:+:39833059-39833067,39833195-39833254	Malpighian tubule	4	5
3369	JHU_Ag_9748	TFTVQHPIAR	65	AGAP001873-PA	Splice junction	2R:-:11742620-11742808,11742404-11742510	Head	6	7
3370	JHU_Ag_38910	TGAIDLLLSVR	86	AGAP001257-PA	Splice junction	2R:-:2063948-2063951,2060744-2061364	Head	1	2
3371	JHU_Ag_14574	TGDGTITIEDLK	52	AGAP007666-PA	residue overlap splice site	2L:-:48867619-48867737,48867288-48867504	Ovary	2	3
3372	JHU_Ag_90327	TGDGTITIEDLKNVYSVK	77	AGAP007666-PA	Splice junction	2L:-:48867619-48867737,48867288-48867486	Malpighian tubule	2	3
3373	JHU_Ag_109160	TGDSVHKIVFVAFFQGEQLK	73	AGAP001588-PA	Splice junction	2R:-:6494492-6494696,6493905-6493931	Malpighian tubule	3	4
3374	JHU_Ag_46942	TGDVGEIHPDGALKIIDR	71	AGAP003623-PA	Splice junction	2R:+:40618747-40618795,40618876-40618880;2R:+:40618747-40618795,40618876-40618880;2R:+:40618747-40618795,40618876-40618880	Malpighian tubule	6	7
3375	JHU_Ag_6823	TGEGACNGDSGGPLVYEGK	147	AGAP006709-PA	Splice junction	2L:-:37118792-37119165,37118554-37118671	Midgut	2	3
3376	JHU_Ag_64889	TGEWALITGATDGIGK	86	AGAP004532-PA	Splice junction	2R:+:57446926-57446941,57449493-57449524	Head	1	2
3377	JHU_Ag_47774	TGKAMGPVQLGFVAGVILR	45	AGAP003711-PA	Splice junction	2R:+:42296328-42296359,42298458-42298482	Malpighian tubule	3	4
3378	JHU_Ag_18756	TGKPLSVELGPGIMGSIFDGIQRPLK	72	AGAP003153-PA	Splice junction	2R:-:33387993-33388154,33386801-33387841	Pupa	2	3
3379	JHU_Ag_21510	TGKPLSVELGPGIMGSIFDGIQRPLKDINEMTSSIYIPK	35	AGAP003153-PA	Splice junction	2R:-:33387993-33388154,33386801-33387802	Midgut	2	3
3380	JHU_Ag_54137	TGKVELEIK	48	AGAP008867-PA	Splice junction	3R:-:20082188-20082162	Larva	4	5
3381	JHU_Ag_3762	TGMLGLFWK	41	AGAP002087-PA	Splice junction	2R:-:15154620-15154725,15154424-15154508	Malpighian tubule	2	3
3382	JHU_Ag_10047	TGMTLEEAQQILNVTK	104	AGAP013212-PA	Splice junction	2R:+:29096745-29096748,29096823-29096866	Head	1	2
3383	JHU_Ag_11791	TGNPNPNTASSEFPEWPK	82	AGAP001356-PA	Splice junction	2R:+:3493316-3493320,3493387-3493435	Head	5	6
3384	JHU_Ag_9629	TGNTIRYNAK	66	AGAP011802-PA	Splice junction	3L:-:33338389-33338476,33338199-33338235	Malpighian tubule	2	3
3385	JHU_Ag_54451	TGRLPACVIDVGTGYTK	100	AGAP005110-PA	Splice junction	2L:+:10204324-10204364,10204524-10204533	Malpighian tubule	1	2
3386	JHU_Ag_19157	TGVLINIECK	38	AGAP009595-PA	Splice junction	3R:+:36765078-36765078,36770976-36771004	Midgut	6	7
3387	JHU_Ag_38333	TGVLINIECKAWAR	68	AGAP009595-PA	Splice junction	3R:+:36765078-36765078,36770976-36771016	Malpighian tubule	6	7
3388	JHU_Ag_92654	TGVTEEAIK	53	AGAP003309-PA,AGAP003309-PB	Splice junction,Splice junction	2R:+:35643268-35643283,35643378-35643388;2R:+:35643268-35643283,35643378-35643388	Head	1	2
3389	JHU_Ag_6800	TGVVNEECYPYIAAQNVCK	73	AGAP007684-PA	Splice junction	2L:-:49014525-49014704,49014246-49014394	Remaining organs	4	5
3390	JHU_Ag_21463	TGYTLDVTTGQR	55	AGAP001419-PB,AGAP001419-PC	Splice junction,Splice junction	2R:+:4707799-4707826,4707925-4707932;2R:+:4707799-4707826,4707925-4707932	Midgut	3	4
3391	JHU_Ag_61994	THAFYNIGTCDTYTTDKLR	66	AGAP013167-PA	Splice junction	2R:+:15147072-15147117,15147182-15147192	Malpighian tubule	5	6
3392	JHU_Ag_83829	THELSNTESITFSDSVAAVR	103	AGAP011971-PA	Splice junction	3L:+:35699111-35699116,35699212-35699265	Salivary gland	3	4
3393	JHU_Ag_46730	THELSNTESITFSDSVAAVREEAAALK	76	AGAP011971-PA	Splice junction	3L:+:35699111-35699116,35699212-35699286	Salivary gland	3	4
3394	JHU_Ag_18765	THHLVTVEQGWPQGGIGSEICAR	110	AGAP010421-PA	Splice junction	3L:+:3019901-3019943,3020041-3020066	Midgut	4	5

3395	JHU_Ag_64823	THLLSGNDDVVTNYFSSR	57	AGAP011456-PA	Splice junction	3L:+:24933026-24933038,24933123-24933163	Head	2	3
3396	JHU_Ag_4577	THLNYHMSSTPLR	75	AGAP000968-PA	Splice junction	X:-:18585160-18585274,18584842-18585013	Head	1	2
3397	JHU_Ag_80189	THLVAQTGMVTLTNSIEAVR	106	AGAP011026-PA	Splice junction	3L:-:14585386-14585590,14584994-14585231	Head	3	4
3398	JHU_Ag_22935	THLVAQTGMVTLTNSIEAVRK	174	AGAP011026-PA	Splice junction	3L:-:14585386-14585590,14584994-14585228	Salivary gland	3	4
3399	JHU_Ag_2736	THSGEKPYVCEVCDKGFAR	46	AGAP008827-PA	Splice junction	3R:+:19093685-19093717,19093802-19093825	Malpighian tubule	7	8
3400	JHU_Ag_6024	THVRPDIFSETGGLVTEHGEK	160	AGAP012800-PA,AGAP008020-PA	Splice junction,Splice junction	UNKN:-:30043545-30043742,30043288-30043392;3R:+:4324751-4324800,4324892-4324904	Malpighian tubule	2	3
3401	JHU_Ag_101720	THVRPDIFSETGGLVTEHGEKWQK	135	AGAP012800-PA,AGAP008020-PA	Splice junction,Splice junction	UNKN:-:30043545-30043742,30043288-30043383;3R:+:4324751-4324800,4324892-4324913	Malpighian tubule	2	3
3402	JHU_Ag_9325	TIDIDGIHTPDLGGNNTSTDIVQNVLK	163	AGAP002192-PB,AGAP002192-PA	Splice junction,Splice junction	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	Malpighian tubule	3	4
3403	JHU_Ag_23842	TIESILEPVAQQVSR	97	AGAP007532-PA	Splice junction	2L:-:47250797-47250818,47246017-47248741	Ovary	1	2
3404	JHU_Ag_3341	TIGIDSK	43	AGAP005400-PA	residue overlap splice site	2L:+:15058971-15058991	Ovary	2	3
3405	JHU_Ag_97738	TIIADTENMLK	43	AGAP003043-PB	Splice junction	2R:+:31418286-31418303,31418401-31418415	Salivary gland	7	8
3406	JHU_Ag_60642	TIILNENEILEHDAAHK	82	AGAP001157-PA	Splice junction	2R:-:655023-655125,654780-654841	Head	1	2
3407	JHU_Ag_71450	TIIVPNISLLGVAAR	31	AGAP004847-PA	Splice junction	2L:+:4434160-4434189,4434273-4434287	Larva	2	3
3408	JHU_Ag_63249	TINLYPLTNYTFGTK	35	AGAP007242-PA,AGAP007242-PB	Splice junction,Splice junction	2L:-:44515044-44515161,44514731-44514836;2L:-:44515044-44515161,44514731-44514836	Head	1	2
3409	JHU_Ag_6868	TIRNDSVVAGGGAIEMELSK	106	AGAP002762-PA	Splice junction	2R:+:26792065-26792092,26792178-26792209	Ovary	2	3
3410	JHU_Ag_13417	TISVYINNGAMPCECNPTGSK	50	AGAP001381-PA	Splice junction	2R:-:4057122-4057695,4055703-4056639	Malpighian tubule	6	7
3411	JHU_Ag_99067	TIVMLDEQGEQLDR	110	AGAP001394-PA	Splice junction	2R:+:4160142-4160169,4162303-4162316	Midgut	3	4
3412	JHU_Ag_29588	TIVVTGAGQGIGNELCR	141	AGAP008502-PA	Splice junction	3R:+:11346562-11346589,11346662-11346684	Midgut	1	2
3413	JHU_Ag_83226	TIYQTGNNIVHEESGYLK	130	AGAP009868-PA	Splice junction	3R:-:44596361-44596499,44595893-44596190	Head	2	3
3414	JHU_Ag_97324	TIYTAGRPPWYNCAGQQVEPFVIGICGGSASGK	69	AGAP005209-PA	Splice junction	2L:-:12355563-12355816,12355090-12355339	Malpighian tubule	2	3
3415	JHU_Ag_80971	TIYTCALNKR	35	AGAP007123-PA	Splice junction	2L:+:43056552-43056581	Pupa	4	5
3416	JHU_Ag_48952	TKAEEVYNALPCETK	84	AGAP003769-PA	Splice junction	2R:-:43133760-43133832,43130068-43132625	Ovary	1	2
3417	JHU_Ag_48357	TKGDFILVGDLMR	34	AGAP002472-PA	Splice junction	2R:+:21849798-21849804,21849884-21849915	Malpighian tubule	3	4
3418	JHU_Ag_36078	TKKPILIDGR	45	AGAP010257-PA	Splice junction	3R:-:51715707-51715716,51715270-51715490	Larva	1	2
3419	JHU_Ag_34052	TKVPVDAVPLSPK	40	AGAP000022-PA	Splice junction	X:-:309443-309405	Salivary gland	5	6
3420	JHU_Ag_99254	TLAATVLKPGSTR	38	AGAP005301-PA	Splice junction	2L:-:13867337-13867299	Head	6	7
3421	JHU_Ag_9448	TLCEHLEEQNVDGFTEAVK	79	AGAP003192-PA	Splice junction	2R:-:33742039-33741983	Midgut	4	5
3422	JHU_Ag_59509	TLCEHLEEQNVDGFTEAVKEYDSISR	137	AGAP003192-PA	Splice junction	2R:-:33742039-33741962	Head	4	5
3423	JHU_Ag_114094	TLDRQAETFVSR	74	AGAP005032-PB	Splice junction	2L:+:8625434-8625451,8626089-8626106	Malpighian tubule	5	6
3424	JHU_Ag_39307	TLDTGIHGSPMVDNYR	79	AGAP003289-PA	Splice junction	2R:+:35084768-35084770,35084845-35084889	Malpighian tubule	4	5
3425	JHU_Ag_113758	TLELEFTYAPR	55	AGAP007725-PA	residue overlap splice site	2L:-:49324700-49324872,49323186-49324569	Ovary	4	5
3426	JHU_Ag_44893	TLENLDEYVK	56	AGAP000380-PB,AGAP000380-PA	Splice junction,Splice junction	X:-:6908726-6908991,6905347-6906300;X:-:6908726-6908991,6905328-6906300	Malpighian tubule	3	4
3427	JHU_Ag_103860	TLFPLYDEKFVITFTPEQR	40	AGAP003164-PB,AGAP003164-PA	Splice junction,Splice junction	2R:-:33462298-33462712,33461988-33462160;2R:-:33462298-33462712,33461988-33462160	Malpighian tubule	8	9
3428	JHU_Ag_34969	TLGAPINPADINTIQGK	137	AGAP011834-PA	Splice junction	3L:+:33897904-33897949,33898014-33898018	Ovary	1	2
3429	JHU_Ag_109545	TLGAPINPADINTIQGKYPVKPTFPAVGGNECVGEVVAIGGDGSGNSLK	30	AGAP011834-PA	Splice junction	3L:+:33897904-33897949,33898014-33898114	Malpighian tubule	1	2
3430	JHU_Ag_106496	TLIIPEIR	30	AGAP006577-PA	Splice junction	2L:-:34227471-34227589,34227256-34227336	Male reproductive organs	2	3
3431	JHU_Ag_13779	TLIQLGYEPIAPRPGR	59	AGAP006963-PA	Splice junction	2L:-:40278691-40278838,40278504-40278553	Ovary	1	2

3432	JHU_Ag_26238	TLLAQAIAGQLNVR	35	AGAP006205-PA	Splice junction	2L:+:28235285-28235311,28235384-28235398	Male reproductive organs	3	4
3433	JHU_Ag_26297	TLLENTAITIGR	93	AGAP005892-PA	Splice junction	2L:-:23221274-23221351,23219729-23219788	Midgut	4	5
3434	JHU_Ag_12482	TLLGIIIPK	59	AGAP000440-PA	Splice junction	X:+:7773490-7773499,7775653-7775669	Larva	2	3
3435	JHU_Ag_14407	TLLSVPEKK	33	AGAP012802-PA,AGAP004109-PA	Splice junction,residue overlap splice site	UNKN:+:30079413-30079433,30079506-30079511;2R:+:50061334-50061354,50061426-50061431	Malpighian tubule	3	4
3436	JHU_Ag_16436	TLNMNVEYR	43	AGAP005672-PA	residue overlap splice site	2L:-:18536323-18536479,18535852-18535978;2L:-:18536323-18536479,18535852-18535978	Ovary	5	6
3437	JHU_Ag_38277	TLQNEEELGLLPK	57	AGAP003226-PA	Splice junction	2R:-:34042045-34042614,34039567-34041921	Male reproductive organs	7	8
3438	JHU_Ag_65083	TLQNYER	36	AGAP004940-PA	Splice junction	2L:+:6260146-6260154,6260242-6260253	Malpighian tubule	5	6
3439	JHU_Ag_54822	TLQNYERMNLADALIPQTYAK	48	AGAP004940-PA	Splice junction	2L:+:6260146-6260154,6260242-6260295	Malpighian tubule	5	6
3440	JHU_Ag_45788	TLQQLQNLSLCDR	77	AGAP009781-PA	Splice junction	3R:+:43258434-43258451,43258623-43258643	Ovary	4	5
3441	JHU_Ag_29217	TLSIAYGER	49	AGAP007958-PA	Splice junction	3R:+:3312953-3312976,3313041-3313043	Malpighian tubule	3	4
3442	JHU_Ag_83511	TLVALDDQGEQLDR	121	AGAP001394-PB	Splice junction	2R:+:4158481-4158508,4162303-4162316	Head	3	4
3443	JHU_Ag_20005	TLYNDVAVLTMDQAVPFTK	64	AGAP008183-PA	Splice junction	3R:+:6443303-6443308,6443382-6443432	Pupa	4	5
3444	JHU_Ag_16395	TMCTYDFYEGQGR	49	AGAP000188-PB	Splice junction	X:+:3079673-3079700,3079780-3079790	Salivary gland	5	6
3445	JHU_Ag_2654	TMGAGPISAVQAVLQK	64	AGAP001318-PA	Splice junction	2R:+:2981376-2981414,2981480-2981488	Midgut	2	3
3446	JHU_Ag_3891	TMLITHMQDLQEVTQEVHYENYR	139	AGAP002645-PA	Splice junction	2R:-:24944603-24944958,24944273-24944465	Ovary	4	5
3447	JHU_Ag_95254	TMTNPHNHLRGESGGVFDTGLAR	102	AGAP011829-PA	Splice junction	3L:-:33880390-33880456,33879971-33880163	Malpighian tubule	1	2
3448	JHU_Ag_38353	TNAEYLLADR	52	AGAP004199-PA	Splice junction	2R:-:51701783-51701888,51701131-51701332	Male reproductive organs	1	2
3449	JHU_Ag_93792	TNALLESLKAVNPR	55	AGAP002091-PA	Splice junction	2R:-:15226957-15227005,15225498-15225997	Malpighian tubule	1	2
3450	JHU_Ag_1691	TNAVPIGATAPPLGVASGDPWQANKR	35	AGAP007396-PA,AGAP007396-PC	Splice junction,Splice junction	2L:+:46309342-46309371,46309438-46309485;2L:+:46309342-46309371,46309438-46309485	Head	5	6
3451	JHU_Ag_87124	TNDEYSIER	39	AGAP005420-PA	Splice junction	2L:-:15367545-15367666,15367160-15367436	Male reproductive organs	2	3
3452	JHU_Ag_25645	TNGDVACDSYHNWR	110	AGAP006423-PA	Splice junction	2L:-:31715813-31715976,31715143-31715704	Larva	2	3
3453	JHU_Ag_112040	TNIQNFIAK	41	AGAP002361-PA	Splice junction	2R:-:20636095-20636209,20630450-20630565	Salivary gland	1	2
3454	JHU_Ag_36178	TNLTEDQLAEFQEAFNLFDNR	172	AGAP007806-PA	Splice junction	3R:-:1266225-1266225,1259431-1259725	Ovary	2	3
3455	JHU_Ag_13780	TNNVEEMNKLNALITALGSR	138	AGAP004809-PA	Splice junction	2L:-:3794169-3795470,3793708-3794047	Larva	4	5
3456	JHU_Ag_71641	TNQVLEKEYSDAVADVK	50	AGAP000375-PA	Splice junction	X:+:6865218-6865253,6865330-6865344	Salivary gland	2	3
3457	JHU_Ag_60060	TNTFKPETVPVQHEAYK	106	AGAP008278-PA	Splice junction	3R:+:8544365-8544379,8544447-8544482	Head	2	3
3458	JHU_Ag_6264	TNTNGMQHQPLDVAIVGGGLVGSLLALHLGK	33	AGAP005948-PA	Splice junction	2L:+:23985416-23985475,23986073-23986105	Midgut	1	2
3459	JHU_Ag_80869	TPAEFLQLLGR	57	AGAP002418-PA	Splice junction	2R:+:21054879-21054888,21054977-21054999	Head	1	2
3460	JHU_Ag_45445	TPASVTSVLDEK	43	AGAP011214-PA	Splice junction	3L:-:19431248-19431719,19429961-19430318	Male reproductive organs	4	5
3461	JHU_Ag_1497	TPEELAAEAEQEDLDDFTK	150	AGAP003509-PA,AGAP003509-PB	residue overlap splice site,residue overlap splice site	2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284	Head	4	5
3462	JHU_Ag_102770	TPEHAFEVLK	32	AGAP008707-PA	residue overlap splice site	3R:+:15821114-15821143	Head	2	3
3463	JHU_Ag_5250	TPGTWEHITNQIGMFSYTGLNEK	100	AGAP004142-PA	Splice junction	2R:+:50703675-50703738,50703803-50703807	Midgut	3	4
3464	JHU_Ag_23073	TPIDPYPNDPWKDPSHWTADWGQLVNAGK	56	AGAP002387-PA	Splice junction	2R:+:20878985-20879062,20879148-20879156	Midgut	2	3
3465	JHU_Ag_59404	TPIEDVKR	53	AGAP002782-PA	Splice junction	2R:+:27077574-27077576,27077656-27077676	Ovary	2	3
3466	JHU_Ag_7055	TPIGNFMGTLASLSAADLGAVAVK	34	AGAP001318-PA	Splice junction	2R:+:2979941-2979950,2980564-2980625	Head	1	2
3467	JHU_Ag_8253	TPLFVAPLK	39	AGAP007562-PA	Splice junction	2L:+:47617163-47617180,47617265-47617273	Pupa	14	15
3468	JHU_Ag_11505	TPLFVAPLKDIAVVSGQPAR	106	AGAP007562-PA	Splice junction	2L:+:47617163-47617180,47617265-47617306	Remaining organs	14	15
3469	JHU_Ag_2538	TPLSGAQTTLYTALDEDLAEESGKYYADCR	71	AGAP007572-PA	Splice junction	2L:+:47770807-47770886,47770975-47770984	Head	4	5

3470	JHU_Ag_65628	TPNLKPNENAIAGK	55	AGAP000348-PA	Splice junction	X:-:6145497-6145689,6145199-6145361	Head	11	12
3471	JHU_Ag_22459	TPNSERPAKDPVEVIGLSNPAPNVNTGEVAQSGTSTK	163	AGAP011832-PA	Splice junction	3L:+:33893564-33893617,33893727-33893783	Ovary	2	3
3472	JHU_Ag_3602	TPSDVLSILQNSEGTITFK	59	AGAP010230-PA	Splice junction	3R:-:51301555-51301696,51301240-51301393	Malpighian tubule	6	7
3473	JHU_Ag_17086	TPSGSPQTSAPSLK	103	AGAP008821-PA	Splice junction	3R:-:18502810-18502906,18502473-18502572	Head	7	8
3474	JHU_Ag_2463	TPTEEFFENK	36	AGAP008940-PA	Splice junction	3R:+:21311790-21311812,21311889-21311895	Larva	3	4
3475	JHU_Ag_12434	TPWDIDEESITISK	46	AGAP003993-PA	Splice junction	2R:-:47601539-47602080,47601286-47601425	Head	3	4
3476	JHU_Ag_65661	TPWDIDEESITISKK	87	AGAP003993-PA	Splice junction	2R:-:47601539-47602080,47601286-47601422	Larva	3	4
3477	JHU_Ag_39382	TPYNYVESDDVDQLDAELLAER	178	AGAP005809-PA	residue overlap splice site	2L:-:21622213-21622310,21621668-21622074	Ovary	2	3
3478	JHU_Ag_32628	TQCYKPECK	44	AGAP010024-PA	residue overlap splice site	3R:+:47936326-47936341,47936434-47936444	Salivary gland	9	10
3479	JHU_Ag_5673	TQDRVSAVYQDQPK	50	AGAP007939-PA	Splice junction	3R:-:3218567-3220144,3218295-3218433	Ovary	4	5
3480	JHU_Ag_23719	TQEFLHDTSK	56	AGAP004877-PB	Splice junction	2L:+:4861485-4861510,4863960-4863963	Head	1	2
3481	JHU_Ag_19032	TQLEPPISTPHCER	75	AGAP003308-PA,AGAP003308-PB	Splice junction,Splice junction	2R:+:35625492-35625501,35626164-35626195;2R:+:35625492-35625501,35626164-35626195	Pupa	2	3
3482	JHU_Ag_19474	TQLINVHGFTK	43	AGAP010153-PA	Splice junction	3R:-:49515997-49516150,49515450-49515903	Ovary	1	2
3483	JHU_Ag_11865	TQLPVLDADGTIK	57	AGAP000162-PA	Splice junction	X:-:2832968-2833074,2832685-2832866	Pupa	4	5
3484	JHU_Ag_51976	TQMMQALNGFK	30	AGAP004467-PA	Splice junction	2R:+:56724405-56724435,56724512-56724513	Midgut	1	2
3485	JHU_Ag_38032	TQNVMAASSIANIVK	63	AGAP004238-PA	Splice junction	2R:-:52968455-52968518,52966372-52967938	Male reproductive organs	1	2
3486	JHU_Ag_13122	TQPPPNLPDGPAHK	56	AGAP003900-PA	Splice junction	2R:+:45717744-45717784,45717864-45717864	Malpighian tubule	2	3
3487	JHU_Ag_8598	TQQAVIVSIYEEPVQPQQAASIVEK	81	AGAP009861-PA	Splice junction	3R:-:44536806-44536968,44535146-44535179	Head	2	3
3488	JHU_Ag_15015	TQVFFDEMADSHREEEQVNLLGEEGIR	47	AGAP003711-PC	Splice junction	2R:+:42292265-42292285,42294195-42294254	Malpighian tubule	2	3
3489	JHU_Ag_11555	TQVFFDEQEGGMHTTESMTR	71	AGAP003711-PA	Splice junction	2R:+:42292265-42292285,42296265-42296303	Head	2	3
3490	JHU_Ag_55028	TQVFFSDK	48	AGAP001588-PA	Splice junction	2R:-:6494769-6495057,6494490-6494679	Malpighian tubule	2	3
3491	JHU_Ag_109255	TQVFFSDKSNVQNLEATGGEAANDGKPLGFVAGVISR	169	AGAP001588-PA	Splice junction	2R:-:6494769-6495057,6494490-6494592	Malpighian tubule	2	3
3492	JHU_Ag_78132	TQYNVYSNTAIVGTAVAEVGR	123	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA	Splice junction,Splice junction,Splice junction	2R:+:42070823-42070875,42070956-42070965;2R:+:42090595-42090647,42090728-42090737;2R:+:42095636-42095688,42095769-42095778	Midgut	1	2
3493	JHU_Ag_10807	TSAEIEAEQSVAVATLRDPQNDAER	131	AGAP008955-PA	Splice junction	3R:-:21800679-21800858,21800317-21800530	Male reproductive organs	3	4
3494	JHU_Ag_75125	TSALYLEHYLDGLEHLPNELKR	130	AGAP009992-PA	Splice junction	3R:+:47334787-47334820,47334923-47334954	Ovary	1	2
3495	JHU_Ag_31369	TSDVTDTR	59	AGAP009135-PA	Splice junction	3R:+:26482063-26482068,26482197-26482214	Ovary	1	2
3496	JHU_Ag_63499	TSDVTDTRGNEFEEFCLK	83	AGAP009135-PA	Splice junction	3R:+:26482063-26482068,26482197-26482244	Ovary	1	2
3497	JHU_Ag_47764	TSEALILAMNSGSDLLAK	101	AGAP011551-PA	Splice junction	3L:+:27214060-27214090,27214167-27214189	Salivary gland	4	5
3498	JHU_Ag_30895	TSEGHPFK	47	AGAP007940-PC	residue overlap splice site	3R:-:3224135-3224320,3223841-3224049;3R:-:3224135-3224320,3223841-3224049;3R:-:3224135-3224320,3223841-3224049	Head	3	4
3499	JHU_Ag_28326	TSEGHPFKDYLELDLTLSQEK	48	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	Splice junction,Splice junction,Splice junction	3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010	Head	2	3
3500	JHU_Ag_18367	TSFDLLSLKK	32	AGAP000160-PA	Splice junction	X:-:2808923-2809031,2807860-2808133	Pupa	1	2
3501	JHU_Ag_79508	TSLAATPQEMKPIGSGHNTAAKPFAAVNGNDGQIK	115	AGAP006901-PA,AGAP006901-PB	Splice junction,Splice junction	2L:-:39720844-39720938,39720561-39720668;2L:-:39720844-39720938,39720561-39720668	Remaining organs	3	4
3502	JHU_Ag_32448	TSLNPFSDEKDILSHLLMVFPR	98	AGAP000711-PA	Splice junction	X:-:12703437-12703637,12700363-12700897	Ovary	4	5
3503	JHU_Ag_100480	TSPDDMAVKPVK	74	AGAP002145-PA	Splice junction	2R:-:16416298-16416263	Head	10	11
3504	JHU_Ag_436	TSRPNTAVIYENNEKFEIGK	119	AGAP011161-PA	Splice junction	3L:+:18117936-18117986,18118059-18118067	Midgut	2	3
3505	JHU_Ag_43723	TSSLGVWSPFNR	43	AGAP007717-PB,AGAP007717-PC	Splice junction,Splice junction	2L:-:49228513-49228557,49226373-49226815;2L:-:49228513-49228557,49226373-49226815	Male reproductive organs	2	3

3506	JHU_Ag_19698	TTATVTSGDQYAR	74	AGAP012185-PA	Splice junction	3L:+:38511904-38511933,38512210-38512218	Head	9	10
3507	JHU_Ag_58535	TTDKDLAAEWTVLEELYNEK	58	AGAP001651-PA	Splice junction	2R:-:7310550-7310595,7310248-7310361	Midgut	1	2
3508	JHU_Ag_108572	TTEATGNDRFLIDGFPR	77	AGAP003968-PA	Splice junction	2R:+:47228425-47228433,47228889-47228930	Malpighian tubule	1	2
3509	JHU_Ag_94402	TTFPFEGFR	31	AGAP004065-PA	Splice junction	2R:+:49283744-49283769,49283874-49283874	Midgut	1	2
3510	JHU_Ag_44377	TTILYK	32	AGAP006890-PB	Splice junction	3L:+:36310175-36310192;2R:+:29824139-29824156;2L:+:39408753-39408756,39408855-39408868	Ovary	1	2
3511	JHU_Ag_52968	TTIVICCSPASFNESETKSTLDFGR	53	AGAP000561-PA	residue overlap splice site	X:+:9953804-9953878	Malpighian tubule	2	3
3512	JHU_Ag_48755	TTKGEGYK	42	AGAP007088-PA	Splice junction	2L:-:42414712-42414823,42413814-42414210	Male reproductive organs	2	3
3513	JHU_Ag_57005	TTLLQIVDNEVVK	86	AGAP000857-PA	Splice junction	X:-:15791617-15791845,15790778-15791495	Pupa	3	4
3514	JHU_Ag_99164	TTPAILNNIDCK	71	AGAP012425-PA	Splice junction	3L:-:41944339-41944703,41943601-41943868	Midgut	2	3
3515	JHU_Ag_81029	TTSANDYDDEPDESLGER	90	AGAP005376-PA	Splice junction	2L:-:14727331-14727517,14726820-14727123	Midgut	2	3
3516	JHU_Ag_19836	TTVTALSYPGYNNVDR	48	AGAP003120-PA	Splice junction	2R:-:32898600-32898792,32898184-32898440	Male reproductive organs	3	4
3517	JHU_Ag_104703	TVAECLADELINAAKGSSNSYAIK	100	AGAP008329-PA	Splice junction	3R:-:9179534-9179588,9179221-9179263	Malpighian tubule	3	4
3518	JHU_Ag_12392	TVCSHIENMIK	71	AGAP009508-PA	residue overlap splice site	3R:+:34970346-34970378	Midgut	1	2
3519	JHU_Ag_78137	TVDEIEAWMAK	49	AGAP004775-PA	Splice junction	2L:-:3401308-3401458,3401188-3401191	Malpighian tubule	7	8
3520	JHU_Ag_5487	TVDKVTHFLENEAK	79	AGAP004197-PA	Splice junction	2R:-:51679390-51679487,51678530-51678615	Pupa	2	3
3521	JHU_Ag_4694	TVDNPMVDLYR	76	AGAP001827-PA	Splice junction	2R:-:11268450-11268729,11265748-11268343	Salivary gland	1	2
3522	JHU_Ag_26176	TVDQYYYGSR	69	AGAP008582-PA	Splice junction	3R:+:13285796-13285820,13285892-13285896	Larva	2	3
3523	JHU_Ag_5034	TVELLYAYVVPKPR	86	AGAP003586-PA	Splice junction	2R:-:40346821-40347142,40346388-40346712	Male reproductive organs	2	3
3524	JHU_Ag_78	TVELLYAYVVPKPRDQCSK	103	AGAP003586-PA	Splice junction	2R:-:40346821-40347142,40346388-40346697	Head	2	3
3525	JHU_Ag_8487	TVELLYK	41	AGAP013333-PA	Splice junction	2R:-:40351211-40351532,40350748-40351093	Male reproductive organs	2	3
3526	JHU_Ag_53643	TVELLYKHVVPKPR	73	AGAP013333-PA	Splice junction	2R:-:40351211-40351532,40350748-40351072	Malpighian tubule	2	3
3527	JHU_Ag_74798	TVERQELEPILVQGLVPLCSWQYER	74	AGAP010164-PB,AGAP010164-PA	Splice junction,Splice junction	3R:+:49787301-49787327,49787412-49787459;3R:+:49787301-49787327,49787412-49787459	Malpighian tubule	4	5
3528	JHU_Ag_37630	TVETITYKTER	42	AGAP012185-PA	Splice junction	3L:+:38512615-38512632,38512702-38512716	Malpighian tubule	11	12
3529	JHU_Ag_88378	TVHNEAFLVYPNMLELK	50	AGAP003777-PA	Splice junction	2R:+:43155125-43155169,43155236-43155241	Remaining organs	3	4
3530	JHU_Ag_111981	TVITNPGYMK	41	AGAP001957-PA	Splice junction	2R:+:12824673-12824684,12826801-12826818	Ovary	4	5
3531	JHU_Ag_100547	TVITNPNWMK	40	AGAP001957-PB	Splice junction	2R:+:12824673-12824684,12825665-12825682	Male reproductive organs	4	5
3532	JHU_Ag_35958	TVNKIEIWK	56	AGAP005846-PA	Splice junction	2L:+:22437411-22437428,22437502-22437510	Pupa	5	6
3533	JHU_Ag_1659	TVNPYDPPEAPGKPAVDDYGVDFVELK	53	AGAP001633-PA	Splice junction	2R:-:7172346-7173740,7171822-7172060	Midgut	14	15
3534	JHU_Ag_52250	TVQVVPHITDAIQEWVER	50	AGAP009624-PA	Splice junction	3R:-:37161914-37162075,37159846-37160559	Midgut	2	3
3535	JHU_Ag_49018	TVSNANETQSAR	42	AGAP008931-PA	Splice junction	3R:-:21108885-21109017,21108738-21108783	Male reproductive organs	3	4
3536	JHU_Ag_24666	TVSPDQDELLAAK	49	AGAP009921-PA	Splice junction	3R:-:45324834-45324876,45323598-45323814	Head	1	2
3537	JHU_Ag_25536	TWEDIYPDKLMK	82	AGAP001198-PA	Splice junction	2R:+:1276047-1276079,1276141-1276143	Midgut	2	3
3538	JHU_Ag_44043	TWVSDETKYNDFAQVAEFFDYYK	83	AGAP005767-PA,AGAP005766-PA	Splice junction,Splice junction	2L:-:20383649-20383747,20383384-20383495;2L:-:20377980-20378078,20377754-20377826	Larva	2	3
3539	JHU_Ag_485	TYDIDQPVPDAEVSQFCSAACYCR	84	AGAP011183-PA	residue overlap splice site	3L:+:18299190-18299261	Pupa	1	2
3540	JHU_Ag_73272	TYGLSYEEIEK	54	AGAP000051-PA	Splice junction	X:+:838646-838647,838726-838756	Pupa	3	4
3541	JHU_Ag_98707	TYHGALVQTVATVVGVPEPADLPPYFSYESFHR	104	AGAP002136-PA	Splice junction	2R:+:16385047-16385126,16385249-16385267	Malpighian tubule	5	6
3542	JHU_Ag_85593	TYLQNDGTFETISQMIFTATR	104	AGAP012343-PA	Splice junction	3L:+:40797393-40797395,40797465-40797524	Midgut	5	6
3543	JHU_Ag_9495	TYNATIDGFPVISFIIPVK	108	AGAP008867-PA	Splice junction	3R:-:20083211-20083300,20082509-20082897	Pupa	2	3

3544	JHU_Ag_64692	TYPDEQTIKESNEVVFQCR	83	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Splice junction,Splice junction,Splice junction	2R:+:41193207-41193237,41194511-41194536;2R:+:41193207-41193237,41194511-41194536;2R:+:41193207-41193237,41194511-41194536	Midgut	23	24
3545	JHU_Ag_64872	TYPTTLEGFGYGFNEEGK	87	AGAP002541-PA,AGAP002541-PB	Splice junction,Splice junction	2R:+:22481460-22481505,22481574-22481581;2R:+:22481460-22481505,22481574-22481581	Remaining organs	1	2
3546	JHU_Ag_31980	VAAALPGMDSTENKPPEDMHEVVLK	38	AGAP011363-PA	Splice junction	3L:-:21990968-21990980,21990568-21990616	Midgut	5	6
3547	JHU_Ag_68450	VAAEVAAPLSQAK	37	AGAP007494-PA	Splice junction	2L:+:46912754-46912792	Remaining organs	6	7
3548	JHU_Ag_8188	VAAEVAAPLSQAKK	35	AGAP007494-PA	Splice junction	2L:+:46912754-46912795	Malpighian tubule	6	7
3549	JHU_Ag_15898	VAAHYQISALNK	75	AGAP003240-PA	Splice junction	2R:+:34374297-34374319,34375171-34375183	Larva	1	2
3550	JHU_Ag_93435	VAASQLATLGCPELIAK	79	AGAP006254-PA	Splice junction	2L:-:28624973-28624923	Malpighian tubule	7	8
3551	JHU_Ag_91346	VACLETYPTFQGR	56	AGAP003745-PA	Splice junction	2R:-:42825524-42827303,42825148-42825403	Head	1	2
3552	JHU_Ag_23405	VADDYDPNPQYSYSYHIADALTGDNK	155	AGAP003385-PA,AGAP003379-PA	Splice junction,Splice junction	2R:+:37198788-37198841,37198923-37198946;2R:+:37176299-37176352,37176432-37176455	Head	2	3
3553	JHU_Ag_2435	VADISLAEFGR	70	AGAP000719-PA	Splice junction	X:-:13073273-13073294,13072659-13072821	Midgut	1	2
3554	JHU_Ag_1107	VADISLAEFGRK	84	AGAP000719-PA	Splice junction	X:-:13073273-13073294,13072659-13072818	Malpighian tubule	1	2
3555	JHU_Ag_4878	VADSFISDTTDK	79	AGAP004819-PC,AGAP004819-PB	Splice junction,Splice junction	2L:-:3861422-3861521,3861247-3861295;2L:-:3861422-3861521,3861247-3861295	Male reproductive organs	3	4
3556	JHU_Ag_34189	VADSFISDTTDKLK	88	AGAP004819-PC,AGAP004819-PB	Splice junction,Splice junction	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	Pupa	3	4
3557	JHU_Ag_37158	VAENVGIDKGDLPDLTK	36	AGAP010087-PA	Splice junction	3R:+:48692196-48692204,48692275-48692316	Salivary gland	6	7
3558	JHU_Ag_83845	VAETETTLVMFYAPWCGHCK	66	AGAP007393-PA	Splice junction	2L:+:46286163-46286206,46286468-46286483	Salivary gland	1	2
3559	JHU_Ag_4613	VAFLDVDAFER	73	AGAP004940-PA	Splice junction	2L:+:6260600-6260606,6262374-6262399	Malpighian tubule	7	8
3560	JHU_Ag_94368	VAIALSESQTIEDFGAALHLMR	73	AGAP010260-PA	residue overlap splice site	3R:+:51754726-51754790,51755334-51755334	Head	3	4
3561	JHU_Ag_1479	VAIIGSGLIGR	56	AGAP013544-PA	Splice junction	2L:+:46190834-46190850,46191443-46191458	Remaining organs	1	2
3562	JHU_Ag_19710	VALYCNYPADDKEFCR	75	AGAP001200-PA,AGAP001200-PB	Splice junction,Splice junction	2R:+:1286057-1286087,1286160-1286176;2R:+:1286057-1286087,1286160-1286176	Remaining organs	2	3
3563	JHU_Ag_105332	VAQIQNAGLGEFR	92	AGAP004225-PB,AGAP004225-PA	Splice junction,Splice junction	2R:+:52186898-52186916,52186997-52187016;2R:+:52186898-52186916,52186997-52187016	Ovary	3	4
3564	JHU_Ag_9813	VAQPQILYLQNDSGASYTNAINELMNK	109	AGAP011204-PA	Splice junction	3L:+:19314604-19314620,19314694-19314757	Ovary	2	3
3565	JHU_Ag_112285	VAQPQILYLQNDSGASYTNAINELMNKDPQLVMCIVPNDR	96	AGAP011204-PA	Splice junction	3L:+:19314604-19314620,19314694-19314796	Ovary	2	3
3566	JHU_Ag_109755	VASLGFLFLGTPEAPGNAGLFDQNLALR	50	AGAP001356-PA	residue overlap splice site	2R:+:3492167-3492249,3492329-3492329	Salivary gland	3	4
3567	JHU_Ag_79484	VATEHAHDQAGR	51	AGAP012394-PA,AGAP012395-PA	Splice junction,Splice junction	3L:-:41711470-41711473,41711183-41711359;3L:+:41712279-41712287,41712364-41712390	Remaining organs	1	2
3568	JHU_Ag_48380	VATPTAIESVLPWK	78	AGAP009036-PA	Splice junction	3R:+:24446722-24446763	Midgut	16	17
3569	JHU_Ag_95778	VATPTAIESVLPWKR	65	AGAP009036-PA	Splice junction	3R:+:24446722-24446766	Malpighian tubule	16	17
3570	JHU_Ag_85823	VATSSSSTTSNAATSMK	105	AGAP000941-PB	Splice junction	X:-:18248097-18248113,18244855-18244903	Head	2	3
3571	JHU_Ag_8429	VATYTNEYFTDYLDTK	43	AGAP004721-PA	Splice junction	2L:-:2751151-2751451,2750852-2751018	Larva	3	4
3572	JHU_Ag_111313	VAVSYNLNGK	53	AGAP003405-PA	Splice junction	2R:+:37434325-37434335,37434421-37434439	Ovary	7	8
3573	JHU_Ag_46728	VAVVTASTEGIGYAIAER	70	AGAP007475-PA	Splice junction	2L:+:46825676-46825704,46825758-46825782	Male reproductive organs	1	2
3574	JHU_Ag_68742	VAVVTASTEGIGYAIAERLGQEGAK	50	AGAP007475-PA	Splice junction	2L:+:46825676-46825704,46825758-46825803	Malpighian tubule	1	2
3575	JHU_Ag_97834	VAYGISTISTLLVDQATASDGR	35	AGAP004812-PA	Splice junction	2L:-:3803742-3803841,3803387-3803579	Head	10	11
3576	JHU_Ag_4413	VCAGYHASLYPCPNEYNER	51	AGAP001588-PA	Splice junction	2R:-:6493915-6493987,6492373-6493787	Salivary gland	4	5
3577	JHU_Ag_16489	VCAGYHASLYPCPNEYNEREEMLR	77	AGAP001588-PA	Splice junction	2R:-:6493915-6493987,6492373-6493772	Salivary gland	4	5

3578	JHU_Ag_32468	VCETQLGLLRPMIPVSFGVLSK	83	AGAP008003-PA	Splice junction	3R:+:4000408-4000443,4000524-4000553	Head	11	12
3579	JHU_Ag_14092	VCIVGSGNWGSAIAK	119	AGAP007593-PB,AGAP007593-PA	Splice junction,Splice junction	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	Remaining organs	1	2
3580	JHU_Ag_12930	VCKENDVDAVHPGYGFLSER	99	AGAP004742-PB,AGAP004742-PA	Splice junction,Splice junction	2L:-:3004388-3004703,3003022-3004253;2L:-:3004388-3004703,3003022-3004253	Head	1	2
3581	JHU_Ag_7821	VCLQSLWR	51	AGAP012281-PA	Splice junction	3L:+:39764701-39764714,39764789-39764798	Pupa	2	3
3582	JHU_Ag_5017	VCSEIEELAK	51	AGAP002817-PA	Splice junction	2R:+:27951070-27951079,27951149-27951168	Male reproductive organs	1	2
3583	JHU_Ag_31842	VCSYFKDPLLCVGTVAADQVK	84	AGAP008993-PA	Splice junction	3R:-:22800771-22800771,22800188-22800242	Head	5	6
3584	JHU_Ag_41679	VCVECPLPADCAVVLEAVAFNPVSSASELEHKR	67	AGAP001943-PA	Splice junction	2R:-:12687812-12687812,12686200-12686272	Malpighian tubule	4	5
3585	JHU_Ag_10171	VDEYDFSKPLEGQQK	109	AGAP010429-PA	Splice junction	3L:+:3191692-3191703,3192099-3192131	Male reproductive organs	2	3
3586	JHU_Ag_11054	VDEYDFSKPLEGQQKKPVEEHWR	53	AGAP010429-PA	Splice junction	3L:+:3191692-3191703,3192099-3192155	Malpighian tubule	2	3
3587	JHU_Ag_6215	VDKGVVDLMGSEGECTTQGLDDLAAR	154	AGAP002564-PA,AGAP002564-PB	Splice junction,Splice junction	2R:+:22878170-22878224,22880396-22880418;2R:+:22878170-22878224,22880396-22880418	Midgut	2	3
3588	JHU_Ag_23087	VDKLVNSEANAR	72	AGAP010307-PA	Splice junction	3R:-:53087441-53087444,53086652-53086896	Malpighian tubule	1	2
3589	JHU_Ag_9330	VDNILK	39	AGAP009694-PA	residue overlap splice site	3R:-:38970825-38970808	Ovary	1	2
3590	JHU_Ag_106483	VDNQAIDNGVELVQSYTFDFFNYAGIHR	125	AGAP011859-PA	Splice junction	3L:-:34278361-34278511,34277748-34278207	Midgut	3	4
3591	JHU_Ag_36611	VDQFVMSYGGLR	60	AGAP009036-PA	Splice junction	3R:+:24437220-24437247,24437339-24437346	Midgut	7	8
3592	JHU_Ag_89691	VDYGHEEVR	56	AGAP006360-PA	Splice junction	2L:+:30488964-30488990	Head	9	10
3593	JHU_Ag_3150	VDYIQDYASGPDFNYPPEFYEHTEELWK	54	AGAP012095-PA	Splice junction	3L:+:37622380-37622407,37622482-37622537	Head	3	4
3594	JHU_Ag_32851	VDYVADGNGFLPQGDHIPK	69	AGAP009874-PA	Splice junction	3R:-:44647920-44648047,44647714-44647768	Malpighian tubule	3	4
3595	JHU_Ag_69658	VEAVGYYPSEPVTVQVK	67	AGAP002414-PA	Splice junction	2R:-:21039582-21039717,21039401-21039456	Midgut	4	5
3596	JHU_Ag_31226	VEDLYEEVDYGVLSPQTK	113	AGAP009621-PA	Splice junction	3R:-:37082104-37082263,37081862-37081973	Midgut	5	6
3597	JHU_Ag_9851	VEDQIAKLEEK	83	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322	Head	10	11
3598	JHU_Ag_36626	VEEAVTGQGPSWADK	91	AGAP008503-PA	residue overlap splice site	3R:-:11349746-11349702	Malpighian tubule	2	3
3599	JHU_Ag_55111	VEFTEYK	41	AGAP001240-PA	Splice junction	2R:+:1883496-1883508,1883586-1883593	Midgut	3	4
3600	JHU_Ag_53976	VEFTEYKEIVTESIR	109	AGAP001240-PA	Splice junction	2R:+:1883496-1883508,1883586-1883617	Midgut	3	4
3601	JHU_Ag_12792	VEGDHIIEICIAK	47	AGAP004870-PA	Splice junction	2L:+:4695364-4695369,4695441-4695473	Ovary	4	5
3602	JHU_Ag_112581	VEGEMQFNGVADCIGK	111	AGAP010293-PA	residue overlap splice site	3R:+:52358434-52358477,52358554-52358557	Midgut	5	6
3603	JHU_Ag_79450	VEGENTTLNEYETK	112	AGAP006613-PB,AGAP006613-PA	Splice junction,Splice junction	2L:+:34736380-34736394,34736481-34736507;2L:+:34736380-34736394,34736481-34736507	Ovary	5	6
3604	JHU_Ag_52952	VEGLLHTSGIWNR	57	AGAP011315-PA	Splice junction	3L:+:20940525-20940531,20940609-20940640	Malpighian tubule	2	3

3605	JHU_Ag_20009	VEIKDVSLPDSLQR	40	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	Splice junction,Splice junction,Splice junction	2R:-:36484575-36485084,36484082-36484445;2R:-:36484575-36485084,36484082-36484445;2R:-:36484575-36485084,36484082-36484445	Malpighian tubule	2	3
3606	JHU_Ag_53673	VEQIAAIAQELNTLEYHDCASVNAR	158	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Splice junction,Splice junction,Splice junction	2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884	Head	8	9
3607	JHU_Ag_1921	VEQLPSPLSVLGEGPHWDVER	110	AGAP008867-PA	Splice junction	3R:-:20083438-20083453,20083193-20083278	Pupa	1	2
3608	JHU_Ag_42440	VESILDDINLDNIESR	80	AGAP009600-PA	Splice junction	3R:-:36943239-36943324,36940286-36943127	Malpighian tubule	2	3
3609	JHU_Ag_3991	VETGVLKPGMVVVFAPVNITTEVK	33	AGAP003541-PC	Splice junction	2R:+:39349209-39349233,39349314-39349360	Male reproductive organs	1	2
3610	JHU_Ag_24962	VEVGLFTPQGSLK	54	AGAP005856-PA	Splice junction	2L:-:22628548-22628683,22627883-22628414	Salivary gland	1	2
3611	JHU_Ag_100760	VFAAESK	45	AGAP003692-PA	Splice junction	2R:-:42051546-42051667,42050990-42051443	Midgut	3	4
3612	JHU_Ag_77274	VFCGSTIVTNR	84	AGAP011914-PA	Splice junction	3L:+:34887760-34887781,34887850-34887860	Salivary gland	2	3
3613	JHU_Ag_38725	VFDEPVIFLGADVTHPPAGDNK	83	AGAP011717-PA	Splice junction	3L:+:32124135-32124200	Malpighian tubule	10	11
3614	JHU_Ag_18314	VFDSDYGTDR	41	AGAP002149-PB	Splice junction	2R:+:16456245-16456269,16457325-16457329	Malpighian tubule	2	3
3615	JHU_Ag_20243	VFENRDNPVNADLVNSIQQNLQCCGK	126	AGAP007209-PA,AGAP007209-PB	Splice junction,Splice junction	2L:-:44332218-44332326,44331811-44332057;2L:-:44332218-44332326,44331824-44332057	Midgut	3	4
3616	JHU_Ag_110078	VFGDVLLETLSFK	104	AGAP001717-PA	Splice junction	2R:-:8909158-8909248,8908799-8909045	Larva	1	2
3617	JHU_Ag_42967	VFGQLITTYR	84	AGAP006263-PA	Splice junction	2L:-:28773754-28773907,28772563-28773097	Head	1	2
3618	JHU_Ag_35645	VFLVMSRPEVITK	45	AGAP004520-PA	Splice junction	2R:-:57331795-57331876,57331426-57331678	Ovary	3	4
3619	JHU_Ag_39505	VFNGSGKPIDKGPPILAEDFLDIQGQPINPWSR	64	AGAP002884-PA	Splice junction	2R:+:28672373-28672444,28672512-28672538	Larva	2	3
3620	JHU_Ag_14988	VFNSSFPAR	66	AGAP005327-PA	Splice junction	2L:+:14115062-14115062,14115351-14115376	Ovary	2	3
3621	JHU_Ag_67950	VFSLYDRDNNGSIENEELR	53	AGAP012179-PA	Splice junction	3L:-:38354041-38354077,38353869-38353905	Midgut	9	10
3622	JHU_Ag_99722	VFTPYHAFLADCFDR	46	AGAP001110-PA	Splice junction	2R:+:292674-292688,292769-292798	Head	4	5
3623	JHU_Ag_59925	VFTVEILR	36	AGAP002183-PA	Splice junction	2R:+:17202448-17202463,17202568-17202575	Midgut	1	2
3624	JHU_Ag_39660	VFVANPNKPKPILDILLR	81	AGAP000812-PA	Splice junction	X:+:14897058-14897111	Head	5	6
3625	JHU_Ag_979	VFVESVLR	45	AGAP005845-PA	residue overlap splice site	2L:-:22427985-22428060,22427755-22427890	Midgut	6	7
3626	JHU_Ag_19235	VGATAAVYSAAILEYLTAEVLELAGNASK	148	AGAP000306-PA	Splice junction	X:+:5419021-5419077,5421553-5421582	Head	3	4
3627	JHU_Ag_7873	VGDAAAEQMLQASGGSR	99	AGAP000621-PA	Splice junction	X:+:11236163-11236183,11236285-11236314	Pupa	3	4
3628	JHU_Ag_9544	VGDGMGSYLAYK	60	AGAP009255-PA	Splice junction	3R:+:29968550-29968584,29968674-29968674	Malpighian tubule	2	3
3629	JHU_Ag_13583	VGDGPFPTELLDEIGSLLQK	175	AGAP003405-PA	Splice junction	2R:+:37434032-37434067,37434151-37434174	Ovary	6	7
3630	JHU_Ag_43106	VGDILQIISK	76	AGAP001683-PA	residue overlap splice site	2R:-:8252212-8252293,8251965-8252092	Salivary gland	13	14
3631	JHU_Ag_91038	VGDIVQADK	68	AGAP008965-PA	Splice junction	3R:-:22255860-22256763,22255682-22255738	Pupa	3	4
3632	JHU_Ag_94225	VGDIVQADKLIVGGYDGLVLR	77	AGAP008965-PA	Splice junction	3R:-:22255860-22256763,22255682-22255702	Malpighian tubule	3	4
3633	JHU_Ag_115263	VGDMMFNHLFDSSALLHR	78	AGAP008143-PA	Splice junction	3R:+:6131108-6131160,6131237-6131237	Head	2	3
3634	JHU_Ag_6738	VGDVSLTQFLNR	57	AGAP010769-PA	Splice junction	3L:+:10103385-10103415,10103525-10103529	Malpighian tubule	1	2
3635	JHU_Ag_83417	VGEELKPEQITTETLDK	100	AGAP006935-PA,AGAP006935-PC	Splice junction,Splice junction	2L:-:40150488-40150614,40148914-40149123;2L:-:40150488-40150614,40148914-40149123	Ovary	5	6
3636	JHU_Ag_83287	VGEELKPEQITTETLDKK	76	AGAP006935-PA,AGAP006935-PC	Splice junction,Splice junction	2L:-:40150488-40150614,40148914-40149120;2L:-:40150488-40150614,40148914-40149120	Ovary	5	6
3637	JHU_Ag_8303	VGEITTVVTSAPIYQK	96	AGAP004868-PA	Splice junction	2L:-:4681573-4681595,4680726-4680879	Head	4	5
3638	JHU_Ag_18391	VGENIGYVTFVLFPR	99	AGAP009154-PA	Splice junction	3R:+:27695371-27695401,27695511-27695524	Head	4	5
3639	JHU_Ag_77317	VGEPMDIQEDK	49	AGAP010331-PA	Splice junction	3L:+:1242672-1242698,1250398-1250403	Head	3	4
3640	JHU_Ag_9107	VGEVTVDMMYGGMR	79	AGAP012048-PA	Splice junction	3L:+:36864287-36864310,36867215-36867232	Remaining organs	2	3
3641	JHU_Ag_33287	VGIEHTTGESLNPYLAATTVTK	85	AGAP000363-PA	Splice junction	X:-:6750693-6750628	Head	5	6

3642	JHU_Ag_90177	VGLQAQPIDPDLTAK	78	AGAP002272-PC,AGAP002272-PB	Splice junction,Splice junction	2R:+:18441534-18441545,18445437-18445469;2R:+:18441534-18441545,18445437-18445469	Head	11	12
3643	JHU_Ag_103609	VGLSYEHCIAVMK	37	AGAP002181-PB	residue overlap splice site	2R:+:17196416-17196454	Male reproductive organs	2	3
3644	JHU_Ag_4266	VGMAVDVVGQAGKPK	67	AGAP002481-PA	Splice junction	2R:-:21871107-21871217,21870842-21870989	Male reproductive organs	2	3
3645	JHU_Ag_83705	VGMSRTLELSPNAHINK	35	AGAP002355-PA	Splice junction	2R:+:20589509-20589513,20589728-20589773	Pupa	1	2
3646	JHU_Ag_95455	VGNIAEIIYVASGSSLDWVK	105	AGAP011435-PA	Splice junction	3L:-:24596595-24596655,24596291-24596450	Midgut	3	4
3647	JHU_Ag_71065	VGPSIGIALVPYYR	101	AGAP003071-PA	Splice junction	2R:+:32009388-32009391,32013532-32013569	Male reproductive organs	3	4
3648	JHU_Ag_69111	VGPVLSISHGMGVPSVGILLHELIK	64	AGAP000188-PB	Splice junction	X:+:3077287-3077361	Larva	3	4
3649	JHU_Ag_67498	VGSSYTRPTISSYTVTR	93	AGAP013481-PD	Splice junction	2R:+:20929779-20929826,20933802-20933804	Head	1	2
3650	JHU_Ag_748	VGSSYTRPTISSYTVTTPLR	138	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503	Head	1	2
3651	JHU_Ag_101892	VGSSYTRPTISSYTVTTPLRYSGVPR	95	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:20929779-20929826,20936492-20936521;2R:+:20929779-20929826,20936492-20936521;2R:+:20929779-20929826,20936492-20936521;2R:+:20929779-20929826,20936492-20936521	Malpighian tubule	1	2
3652	JHU_Ag_13154	VGSSYTRPTISSYTVTTPR	121	AGAP013481-PB	Splice junction	2R:+:20929779-20929826,20934668-20934676	Male reproductive organs	1	2
3653	JHU_Ag_55629	VGTFFTESTAEKATPVEQIAENAR	151	AGAP002518-PA	Splice junction	2R:-:22187029-22187953,22186640-22186877	Malpighian tubule	2	3
3654	JHU_Ag_88512	VGVIGALYDKTHLVAQTGMVTLTNSIEAVR	202	AGAP011026-PA	Splice junction	3L:-:14585416-14585590,14584994-14585231	Salivary gland	3	4
3655	JHU_Ag_14598	VGVSGGSLADILCEGMSDLR	109	AGAP010866-PA	Splice junction	3L:-:12156410-12156530,12155765-12156215	Ovary	1	2
3656	JHU_Ag_36092	VHAIVFLNIPSYGGGTHPWNK	86	AGAP000519-PA	Splice junction	X:+:9256657-9256688,9256764-9256794	Head	8	9
3657	JHU_Ag_21849	VHFSEQVQDHSPAQPELLR	91	AGAP006260-PA,AGAP006260-PC	Splice junction,Splice junction	2L:-:28740410-28740500,28724786-28725073;2L:-:28740410-28740500,28724786-28725073	Remaining organs	1	2
3658	JHU_Ag_115245	VHLQYLGYPVVNDPLYNHDVFGPAK	126	AGAP009693-PA	Splice junction	3R:+:38944857-38944875,38945029-38945084	Ovary	6	7
3659	JHU_Ag_21054	VHMVGIDIFTGK	90	AGAP011284-PA	residue overlap splice site	3L:+:20552623-20552658	Malpighian tubule	1	2
3660	JHU_Ag_4720	VHMVGIDIFTGKK	45	AGAP011284-PA	Splice junction	3L:+:20552623-20552660,20552743-20552743	Malpighian tubule	1	2
3661	JHU_Ag_88092	VHPDLGQVVYCEGIR	96	AGAP013255-PA	Splice junction	2R:+:42092402-42092446	Midgut	3	4
3662	JHU_Ag_79524	VHYEPFPFDINDEDNR	71	AGAP002874-PA	Splice junction	2R:-:28546773-28546946,28546559-28546659	Midgut	6	7
3663	JHU_Ag_7568	VIAHSQIR	47	AGAP003556-PA	Splice junction	2R:+:39458173-39458190,39458559-39458564	Head	3	4
3664	JHU_Ag_100064	VIALYPYK	37	AGAP009037-PA	Splice junction	3R:-:24469195-24469172	Head	12	13
3665	JHU_Ag_17579	VIATPANWTPGTK	57	AGAP011824-PA	Splice junction	3L:-:33860981-33861030,33860711-33860831	Male reproductive organs	4	5
3666	JHU_Ag_14125	VICAILETHQTETGVKVPEVLQK	77	AGAP008265-PA	Splice junction	3R:-:8085639-8086950,8085376-8085508	Salivary gland	1	2
3667	JHU_Ag_55267	VIDDQCLDDKNEMKPR	62	AGAP012608-PA,AGAP011444-PA	Splice junction,Splice junction	UNKN:-:19477048-19477253,19476523-19476931;3L:+:24755285-24755286,24755375-24755420	Midgut	2	3
3668	JHU_Ag_67368	VIDLFVDENPIPDGYITVK	65	AGAP005710-PA	Splice junction	2L:+:19242520-19242559,19242628-19242644	Head	1	2
3669	JHU_Ag_107617	VIDRLIYHDQVIIPLK	98	AGAP010219-PA	Splice junction	3R:+:50914340-50914363,50914455-50914478	Ovary	3	4
3670	JHU_Ag_25162	VIDYAVKIR	29	AGAP004653-PA	Splice junction	2R:-:59554192-59554222,59553215-59553923	Malpighian tubule	1	2
3671	JHU_Ag_4775	VIFPNVNDQDNEAITIIGK	102	AGAP005467-PA	Splice junction	2L:+:15973691-15973703,15973796-15973839	Head	1	2
3672	JHU_Ag_44460	VIFPNVNDQDNEAITIIGKK	35	AGAP005467-PA	Splice junction	2L:+:15973691-15973703,15973796-15973842	Salivary gland	1	2

3673	JHU_Ag_20959	VIGAASQCALATSQLVACAR	75	AGAP007474-PA	Splice junction	2L:-:46764341-46765004,46760233-46764215	Male reproductive organs	5	6
3674	JHU_Ag_819	VIGTLLGSVDK	48	AGAP002935-PA	Splice junction	2R:+:29839538-29839556,29839657-29839670	Salivary gland	1	2
3675	JHU_Ag_30088	VIGTVTER	44	AGAP007612-PA	Splice junction	2L:-:48257547-48257786,48257252-48257463	Midgut	2	3
3676	JHU_Ag_29183	VIHLLAK	37	AGAP003700-PA	Splice junction	2R:+:42133069-42133087,42133215-42133216	Ovary	1	2
3677	JHU_Ag_20206	VILEAEAEAEAIK	89	AGAP007494-PA	Splice junction	2L:+:46912431-46912463,46912535-46912540	Midgut	5	6
3678	JHU_Ag_96015	VILEAEAEAEAIKVR	54	AGAP007494-PA	Splice junction	2L:+:46912431-46912463,46912535-46912546	Ovary	5	6
3679	JHU_Ag_54351	VILGVLGTDPAK	73	AGAP007619-PA	Splice junction	2L:-:48344009-48344220,48341780-48342887	Head	2	3
3680	JHU_Ag_5050	VILGVLGTDPAKK	68	AGAP007619-PA	Splice junction	2L:-:48344009-48344220,48341780-48342884	Salivary gland	2	3
3681	JHU_Ag_95831	VILLDNTDLPVDLTK	60	AGAP004136-PA	Splice junction	2R:-:50667089-50667200,50650875-50651020	Head	1	2
3682	JHU_Ag_1944	VILYSVADYKPPHNK	87	AGAP002509-PA	Splice junction	2R:+:22131920-22131949,22132019-22132033	Head	3	4
3683	JHU_Ag_41214	VIQGSPAHSGGLQPGDIITHINGK	45	AGAP000240-PA	Splice junction	X:+:4509157-4509182,4509259-4509304	Head	1	2
3684	JHU_Ag_4806	VIQPEAVPEPEIIYLR	40	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Splice junction,Splice junction,Splice junction	2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300	Male reproductive organs	2	3
3685	JHU_Ag_6312	VISESDRIIDETK	61	AGAP007334-PA	Splice junction	2L:+:45638790-45638797,45638870-45638900	Male reproductive organs	1	2
3686	JHU_Ag_14951	VISTISVGYDHIDVK	81	AGAP013478-PA,AGAP013478-PB	Splice junction,Splice junction	2R:+:5857868-5857890,5857978-5857999;2R:+:5857868-5857890,5857978-5857999	Midgut	2	3
3687	JHU_Ag_11575	VITAENAGKINAK	102	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site	2R:-:55060687-55060649;2R:-:55060687-55060649;2R:-:55060687-55060649;2R:-:55060687-55060649;2R:-:55060687-55060649	Malpighian tubule	3	4
3688	JHU_Ag_6281	VITFDSELQNFMK	63	AGAP008364-PA	Splice junction	3R:-:10071854-10072805,10071489-10071735	Larva	4	5
3689	JHU_Ag_19132	VIVLEPADNHYYQPMFTLIGGGIK	32	AGAP003142-PA	Splice junction	2R:+:33209000-33209023,33209700-33209747	Ovary	2	3
3690	JHU_Ag_79393	VIVLEPADNHYYQPMFTLIGGGIKK	34	AGAP003142-PA	Splice junction	2R:+:33209000-33209023,33209700-33209750	Ovary	2	3
3691	JHU_Ag_89456	VIVSHPDVMDTLADMLQEFIVDNK	116	AGAP004175-PA	Splice junction	2R:-:51226690-51226810,51226291-51226529	Ovary	1	2
3692	JHU_Ag_33037	VKACGLNFQDLMVR	62	AGAP006478-PA	Splice junction	2L:+:32769095-32769105,32805554-32805584	Malpighian tubule	1	2
3693	JHU_Ag_75635	VKDDPSAPSAPGYSVGDFNSTTK	67	AGAP010701-PA	Splice junction	3L:-:8737329-8737344,8736304-8736529	Midgut	1	2
3694	JHU_Ag_58616	VKDSWEQSGVK	57	AGAP011464-PA	residue overlap splice site	3L:-:24972839-24972807	Malpighian tubule	3	4
3695	JHU_Ag_32685	VKDTDDVPMVLVGNK	63	AGAP001874-PA	Splice junction	2R:-:11750091-11750214,11749832-11749946	Midgut	3	4
3696	JHU_Ag_94092	VKDYNPLLTWALGTAEDVVCR	70	AGAP000167-PA	Splice junction	X:+:2866686-2866692,2868552-2868607	Malpighian tubule	1	2
3697	JHU_Ag_34021	VKGDCLNAIGK	34	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	Splice junction,Splice junction,Splice junction	2L:-:39705666-39705844,39705340-39705553;2L:-:39705666-39705844,39705340-39705553;2L:-:39705666-39705844,39705340-39705553	Head	12	13
3698	JHU_Ag_110766	VKGIEEEDVSPGFVLCDASNPIK	41	AGAP009310-PA	Splice junction	3R:+:31161774-31161779,31161907-31161969	Malpighian tubule	5	6
3699	JHU_Ag_52125	VKLTPGNATDSSGILWFNIGSVDSFER	74	AGAP006949-PA	Splice junction	2L:-:40210747-40210805,40210317-40210580	Malpighian tubule	3	4
3700	JHU_Ag_35872	VKPASDSTGINAILLGPPGSGKGTQAPLLK	62	AGAP007722-PA	Splice junction	2L:+:49277204-49277278,49277839-49277853	Malpighian tubule	1	2
3701	JHU_Ag_47624	VKSIVGFNER	47	AGAP001826-PA	Splice junction	2R:-:11117557-11117674,11117152-11117461	Malpighian tubule	5	6
3702	JHU_Ag_17104	VKVTSISPGIVR	33	AGAP005499-PA	Splice junction	2L:-:16239214-16239769,16238936-16239086	Malpighian tubule	1	2
3703	JHU_Ag_57863	VLAINGVDITNAHHDYAVQLLTDHQR	52	AGAP000054-PA	Splice junction	X:+:873651-873659,873736-873804	Ovary	8	9
3704	JHU_Ag_92019	VLAQNEFLGIVEEK	38	AGAP002614-PA	Splice junction	2R:-:24167592-24167755,24165653-24167456	Midgut	3	4
3705	JHU_Ag_3410	VLATTNQIATIYDINTGQK	83	AGAP012134-PA	Splice junction	3L:-:37993985-37994255,37993229-37993838	Midgut	5	6
3706	JHU_Ag_111112	VLCAEEAFMKDYSETQVIVK	39	AGAP010139-PA	Splice junction	3R:-:49357521-49358033,49357233-49357393	Malpighian tubule	7	8
3707	JHU_Ag_14458	VLCYYDAANFLIEGLGK	125	AGAP008060-PA	Splice junction	3R:+:4934533-4934572,4935941-4935951	Head	1	2
3708	JHU_Ag_17138	VLCYYDGSNALREGLGK	39	AGAP008061-PA	Splice junction	3R:+:4938324-4938363,4938718-4938728	Malpighian tubule	1	2
3709	JHU_Ag_10924	VLGVHIIGPAAGELINESVLAMEYGASAEDVAR	218	AGAP011629-PA	Splice junction	3L:-:30343533-30344652,30343263-30343347	Ovary	1	2

3710	JHU_Ag_98932	VLHFDCVLDER	35	AGAP003805-PA	Splice junction	2R:-:43479362-43480103,43478885-43479045	Male reproductive organs	1	2
3711	JHU_Ag_33425	VLHPNEGNQALQEFLAAR	83	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	Splice junction,Splice junction,Splice junction,Splice junction	2L:-:34299561-34299657,34299151-34299428;2L:-:34299561-34299657,34299151-34299428;2L:-:34299561-34299657,34299148-34299428;2L:-:34299561-34299657,34299151-34299428	Head	24	25
3712	JHU_Ag_24063	VLIHDASELPDLYSSTPGGTLYSTTPGGTR	107	AGAP007781-PA	Splice junction	3R:-:767810-767876,763409-763622	Ovary	1	2
3713	JHU_Ag_64036	VLINPHETLTVPHPEGR	88	AGAP011975-PA	Splice junction	3L:+:35719395-35719431,35719517-35719530	Malpighian tubule	1	2
3714	JHU_Ag_114610	VLKMAPGLDSIEILPFR	51	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	Splice junction,Splice junction,Splice junction	2R:-:2053801-2053917,2053489-2053684;2R:-:2053801-2053917,2053489-2053684;2R:-:2053801-2053917,2053489-2053684	Malpighian tubule	3	4
3715	JHU_Ag_27214	VLLDHKNDDLSFENDSLTAIQSQLK	78	AGAP010206-PA	Splice junction	3R:-:50703342-50703522,50702745-50703184	Malpighian tubule	7	8
3716	JHU_Ag_59435	VLLLEAGGDPPIESEIPETFFTIQK	55	AGAP003785-PD	Splice junction	2R:-:43298107-43298353,43292474-43294046	Midgut	1	2
3717	JHU_Ag_103647	VLLLTIWHAFSLK	54	AGAP004870-PA	Splice junction	2L:+:4697192-4697230	Ovary	7	8
3718	JHU_Ag_5579	VLLSICSLLCDPNPDDPLVPEIAR	68	AGAP000145-PA	Splice junction	X:-:2217992-2218175,2217741-2217810	Midgut	4	5
3719	JHU_Ag_48962	VLLTEISSAKK	40	AGAP010156-PA	residue overlap splice site	3R:+:49550213-49550245	Malpighian tubule	3	4
3720	JHU_Ag_14604	VLMETPANHMTPTIFADTVK	97	AGAP003869-PA	Splice junction	2R:-:44706324-44706706,44705714-44706181	Larva	3	4
3721	JHU_Ag_72154	VLMETPANHMTPTIFADTVKQR	106	AGAP003869-PA	Splice junction	2R:-:44706324-44706706,44705714-44706175	Malpighian tubule	3	4
3722	JHU_Ag_71487	VLNKPAKAPVK	24	AGAP005427-PA	Splice junction	2L:+:15421830-15421835,15422072-15422098	Midgut	2	3
3723	JHU_Ag_1134	VLPGDALVTSCYYDTR	53	AGAP010485-PA	Splice junction	3L:-:4781720-4783010,4764796-4764945	Head	1	2
3724	JHU_Ag_78557	VLPNILVTGTPGTGK	58	AGAP000272-PA	Splice junction	X:+:4994681-4994705,4994805-4994824	Male reproductive organs	1	2
3725	JHU_Ag_25045	VLPNILVTGTPGTGKSELCR	37	AGAP000272-PA	Splice junction	X:+:4994681-4994705,4994805-4994839	Malpighian tubule	1	2
3726	JHU_Ag_41931	VLQLYQISNLNHGLMMVGPSGSGK	66	AGAP002015-PA,AGAP002015-PB	Splice junction,Splice junction	2R:+:13945780-13945851;2R:+:13945780-13945851	Ovary	4	5
3727	JHU_Ag_42673	VLSVPEATPFTAVLK	68	AGAP001364-PA	Splice junction	2R:+:3581299-3581300,3581372-3581414	Ovary	2	3
3728	JHU_Ag_6034	VLTVSQWANEDHFSTVQR	86	AGAP009278-PA	Splice junction	3R:-:30569210-30570368,30568591-30569089	Head	6	7
3729	JHU_Ag_42515	VLVETLNEKR	65	AGAP004766-PA	residue overlap splice site	2L:+:3171594-3171619,3171690-3171693	Head	8	9
3730	JHU_Ag_3760	VLVVLSPILIGGGVVTYAK	108	AGAP002364-PA,AGAP002364-PB	Splice junction,Splice junction	2R:-:20649446-20649542,20649093-20649292;2R:-:20649446-20649542,20649093-20649292	Malpighian tubule	2	3
3731	JHU_Ag_66507	VLYGLHMIDHPQQQSK	48	AGAP010750-PA	Splice junction	3L:+:9811233-9811253,9811575-9811601	Head	24	25
3732	JHU_Ag_24848	VMVMNVTSLLK	57	AGAP007474-PA	Splice junction	2L:-:46756640-46756608	Male reproductive organs	7	8
3733	JHU_Ag_46044	VMWLINGHTVVNGQR	45	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Splice junction,Splice junction,Splice junction	2L:+:47651243-47651278,47651350-47651358;2L:+:47651243-47651278,47651350-47651358;2L:+:47651243-47651278,47651350-47651358	Remaining organs	8	9
3734	JHU_Ag_61998	VNAIEHVIIPR	89	AGAP010298-PA	Splice junction	3R:+:52656555-52656573,52656641-52656654	Midgut	3	4
3735	JHU_Ag_1867	VNAIEHVIIPRIDR	75	AGAP010298-PA	Splice junction	3R:+:52656555-52656573,52656641-52656663	Malpighian tubule	3	4
3736	JHU_Ag_8524	VNASENIVGWWATGQEVTNHSSVIHEYYAR	144	AGAP002935-PA	Splice junction	2R:+:29839779-29839803,29839882-29839946	Salivary gland	2	3
3737	JHU_Ag_10787	VNAVNPGVIITDIHK	89	AGAP002521-PB	Splice junction	2R:-:22322682-22323216,22322371-22322563	Ovary	1	2
3738	JHU_Ag_16500	VNAVNPGVIITDIHKR	35	AGAP002521-PB	Splice junction	2R:-:22322682-22323216,22322371-22322560	Midgut	1	2
3739	JHU_Ag_98224	VNDILDQKIDPIQSTK	37	AGAP010348-PA	Splice junction	3L:-:1921558-1922020,1921240-1921442	Midgut	2	3
3740	JHU_Ag_32550	VNEYTGPPPQEMETFLPQDGK	57	AGAP007633-PA	Splice junction	2L:+:48504241-48504246,48504355-48504411	Head	1	2
3741	JHU_Ag_39958	VNEYTGPPPQEMETFLPQDGKNGATVYK	65	AGAP007633-PA	Splice junction	2L:+:48504241-48504246,48508359-48508365	Salivary gland	2	3
3742	JHU_Ag_59893	VNFHMFDVGGQR	65	AGAP012095-PA	Splice junction	3L:+:37622860-37622870,37622960-37622984	Head	5	6
3743	JHU_Ag_52224	VNGVTIGQDEVDIMR	80	AGAP000180-PA	Splice junction	X:+:3000859-3000877,3000967-3000992	Salivary gland	2	3

3744	JHU_Ag_62712	VNGYGASEGTADQAAVLSELKR	34	AGAP009554-PA	residue overlap splice site	3R:-:36101485-36114655,36100930-36101081	Head	4	5
3745	JHU_Ag_73156	VNIVEIPGILEVR	60	AGAP002456-PA,AGAP002456-PB	Splice junction,Splice junction	2R:-:21566138-21566100;2R:-:21566138-21566100	Pupa	8	9
3746	JHU_Ag_75498	VNIVEIPGILEVRK	64	AGAP002456-PA,AGAP002456-PB	Splice junction,Splice junction	2R:-:21566138-21566097;2R:-:21566138-21566097	Head	8	9
3747	JHU_Ag_99	VNLGVGAYR	46	AGAP004142-PA	Splice junction	2R:+:50702185-50702203,50702696-50702703	Salivary gland	1	2
3748	JHU_Ag_10611	VNLSYDYEHLGSDTSLIR	148	AGAP001653-PA	Splice junction	2R:+:7321736-7321759,7321840-7321869	Salivary gland	2	3
3749	JHU_Ag_46818	VNLSYDYEHLGSDTSLIRDIANGHHPFAK	99	AGAP001653-PA	Splice junction	2R:+:7321736-7321759,7321840-7321902	Malpighian tubule	2	3
3750	JHU_Ag_7193	VNLTPGVNNIVR	55	AGAP004977-PA	Splice junction	2L:-:7453051-7453672,7452731-7452952	Pupa	4	5
3751	JHU_Ag_52199	VNLVVTVVDYDR	98	AGAP007942-PA,AGAP007942-PB	Splice junction,Splice junction	3R:+:3240822-3240857;3R:+:3240822-3240857	Head	7	8
3752	JHU_Ag_94639	VNLYTTNPVFTTVMNR	106	AGAP004428-PA	Splice junction	2R:+:55931153-55931170,55931245-55931274	Head	4	5
3753	JHU_Ag_14905	VNQAIWLLCTGAR	98	AGAP008329-PA	Splice junction	3R:-:9179906-9180236,9179490-9179559	Male reproductive organs	2	3
3754	JHU_Ag_97784	VNQAIWLLCTGAREAAFR	81	AGAP008329-PA	Splice junction	3R:-:9179906-9180236,9179490-9179544	Malpighian tubule	2	3
3755	JHU_Ag_5608	VNQLLQQSK	50	AGAP003077-PA	residue overlap splice site	2R:-:32242800-32242774	Larva	1	2
3756	JHU_Ag_13561	VNSVNPAVIVTNFHK	108	AGAP011852-PA	Splice junction	3L:-:34100464-34101082,34100139-34100334	Midgut	1	2
3757	JHU_Ag_4000	VNVGGGAIALGHPIGASGCR	128	AGAP001318-PA	Splice junction	2R:+:2981591-2981642,2981718-2981725	Head	3	4
3758	JHU_Ag_13862	VPDFVFLR	55	AGAP002363-PA	Splice junction	2R:-:20645149-20645294,20644941-20645060	Ovary	3	4
3759	JHU_Ag_4584	VPDSIQLTGYVHPAPSEEIPHDVPLLGK	200	AGAP009234-PA	Splice junction	3R:+:29063413-29063437,29063520-29063578	Ovary	1	2
3760	JHU_Ag_46890	VPEKIEVFVDDQPVMVDPGTTVLQAAAQVGVEIPR	75	AGAP001653-PA	Splice junction	2R:+:7320421-7320492,7320572-7320604	Malpighian tubule	1	2
3761	JHU_Ag_2963	VPETATILLSGGIK	66	AGAP005005-PA	Splice junction	2L:+:7796901-7796929,7797460-7797472	Head	3	4
3762	JHU_Ag_10605	VPFVPGYVDR	46	AGAP007480-PA	Splice junction	2L:+:46846815-46846819,46846883-46846907	Midgut	2	3
3763	JHU_Ag_61453	VPIHLQSAQNR	45	AGAP003124-PA,AGAP003124-PB	Splice junction,Splice junction	2R:-:32949363-32949396,32942333-32942413;2R:-:32949363-32949396,32942333-32942413	Malpighian tubule	1	2
3764	JHU_Ag_77020	VPLSDLEEDESQIFVK	107	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PB	Splice junction,Splice junction,Splice junction	2R:-:5147178-5147208,5142073-5142335;2R:-:5147178-5147208,5142073-5142335;2R:-:5147178-5147208,5142073-5142335;2R:-:5147178-5147208,5142073-5142335	Midgut	9	10
3765	JHU_Ag_71483	VPNEGYYTIIAK	49	AGAP012070-PA	Splice junction	3L:-:37375506-37375649,37375106-37375391	Head	4	5
3766	JHU_Ag_101496	VPSDTDIAMGAQVLLR	106	AGAP008019-PA	Splice junction	3R:+:4323453-4323464,4323534-4323569	Male reproductive organs	7	8
3767	JHU_Ag_39633	VPTTGIIEYPFDLEEIRFR	103	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	residue overlap splice site,residue overlap splice site,residue overlap splice site,residue overlap splice site	2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527	Ovary	4	5
3768	JHU_Ag_3476	VPVDQKEALASDLMGLFEK	106	AGAP010025-PA	Splice junction	3R:-:47952986-47953337,47951142-47951604	Pupa	1	2
3769	JHU_Ag_42801	VPVDTFYDPEDGNELK	106	AGAP005162-PA,AGAP005162-PB	Splice junction,Splice junction	2L:-:10822270-10822832,10822018-10822144;2L:-:10822270-10822832,10822018-10822144	Ovary	6	7
3770	JHU_Ag_75289	VPVIVEK	43	AGAP002685-PA	Splice junction	2R:-:25617344-25617428,25615283-25615571	Ovary	1	2
3771	JHU_Ag_16740	VPVPLSPFDNLVELAVQYLK	92	AGAP002363-PA	Splice junction	2R:-:20644963-20645066,20644655-20644832	Larva	4	5
3772	JHU_Ag_1877	VPVVDLVQFGYFK	116	AGAP011706-PA	Splice junction	3L:-:31717888-31718109,31717517-31717640	Head	3	4
3773	JHU_Ag_50910	VPVVDLVQFGYFKLLGSGGLPK	141	AGAP011706-PA	Splice junction	3L:-:31717888-31718109,31717517-31717613	Ovary	3	4
3774	JHU_Ag_15026	VQAMLYEAVQYLQETPITHQQTDTK	134	AGAP008369-PA	Splice junction	3R:+:10089833-10089871,10089947-10089982	Pupa	3	4

3775	JHU_Ag_69642	VQELTAYENDLR	66	AGAP003043-PB	Splice junction	2R:+:31415789-31415795,31415872-31415900	Male reproductive organs	4	5
3776	JHU_Ag_16169	VQLAEELIR	42	AGAP011286-PA	residue overlap splice site	3L:+:20567110-20567131,20567203-20567207	Salivary gland	7	8
3777	JHU_Ag_10302	VQLAEELIRVR	27	AGAP011286-PA	Splice junction	3L:+:20567110-20567131,20567203-20567213	Ovary	7	8
3778	JHU_Ag_85501	VQLENINAGK	40	AGAP002759-PA	residue overlap splice site	2R:-:26781308-26781279	Ovary	2	3
3779	JHU_Ag_106221	VQLPDGKPIPCILLANK	43	AGAP007654-PA	residue overlap splice site	2L:+:48776621-48776671	Head	2	3
3780	JHU_Ag_52871	VQNAYELSQDLLDK	41	AGAP011421-PA	Splice junction	3L:+:24381670-24381680,24396616-24396646	Head	2	3
3781	JHU_Ag_67663	VQTDAFVYNEIGNPNELVVAPR	55	AGAP005937-PA	Splice junction	2L:+:23863801-23863834,23863912-23863943	Ovary	3	4
3782	JHU_Ag_72205	VQWFLNGNLIQASSR	115	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Splice junction,Splice junction,Splice junction	2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570	Remaining organs	3	4
3783	JHU_Ag_25936	VRDDHILTVDR	34	AGAP011128-PA	Splice junction	3L:-:17571443-17571482,17568825-17568988	Head	2	3
3784	JHU_Ag_25330	VRDDPELLTK	53	AGAP003006-PA,AGAP003007-PA	Splice junction,Splice junction	2R:-:31010617-31010588;2R:-:31038107-31038078	Ovary	3	4
3785	JHU_Ag_14461	VRDYAEFYK	42	AGAP007768-PA	Splice junction	3R:+:508531-508556,508643-508643	Remaining organs	1	2
3786	JHU_Ag_9195	VREWYGWHFPELGK	67	AGAP002171-PA	Splice junction	2R:+:16836243-16836253,16836320-16836350	Ovary	3	4
3787	JHU_Ag_69749	VRISSRPLSYVGRPCGASTATGSK	72	AGAP006366-PA	Splice junction	2L:-:30518204-30518313,30516503-30516557	Malpighian tubule	9	10
3788	JHU_Ag_21360	VRTDPNYPAGFMDVINIHK	66	AGAP006871-PA	Splice junction	2L:-:39286442-39286664,39285236-39285743	Pupa	2	3
3789	JHU_Ag_100344	VSADGETK	40	AGAP001662-PA	Splice junction	2R:-:7619896-7620853,7619651-7619762	Midgut	4	5
3790	JHU_Ag_10845	VSAVYQDQPK	51	AGAP007939-PA	Splice junction	3R:-:3218555-3220144,3218295-3218433	Male reproductive organs	4	5
3791	JHU_Ag_43100	VSAVYQDQPKWLEMSINNIATSGK	113	AGAP007939-PA	Splice junction	3R:-:3218555-3220144,3218295-3218391	Malpighian tubule	4	5
3792	JHU_Ag_9827	VSFDGMFVPHTGSK	38	AGAP009833-PA	Splice junction	3R:+:44049504-44049538,44049746-44049752	Remaining organs	1	2
3793	JHU_Ag_32968	VSFGTGPFSQLYGNLDEAK	64	AGAP011125-PA	Splice junction	3L:+:17428457-17428494,17428566-17428584	Malpighian tubule	1	2
3794	JHU_Ag_64512	VSHPVHCPLFPEEK	61	AGAP007361-PA	residue overlap splice site	2L:+:46060182-46060217,46060295-46060300	Salivary gland	6	7
3795	JHU_Ag_64145	VSIISEAQAQQTQQTNK	91	AGAP000099-PA	Splice junction	X:+:1610488-1610503,1610572-1610606	Malpighian tubule	3	4
3796	JHU_Ag_21969	VSILESLDK	40	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	Splice junction,Splice junction,Splice junction	2L:-:32204266-32204473,32204011-32204152;2L:-:32204266-32204473,32204011-32204152;2L:-:32204266-32204473,32204011-32204152;2L:-:32204266-32204473,32204011-32204152	Head	3	4
3797	JHU_Ag_11624	VSKEYGIDEVPAIVYFEK	53	AGAP006452-PA	Splice junction	2L:+:32279117-32279143,32279520-32279546	Pupa	7	8
3798	JHU_Ag_21253	VSLITNR	44	AGAP007777-PA	Splice junction	3R:-:739509-739489	Pupa	3	4
3799	JHU_Ag_43150	VSLKVR	42	AGAP011706-PA	Splice junction	3L:-:31718788-31718791,31718211-31718263	Malpighian tubule	1	2
3800	JHU_Ag_22631	VSMPGQIINIETK	55	AGAP008336-PA	Splice junction	3R:-:9410328-9410614,9409722-9410226	Malpighian tubule	4	5
3801	JHU_Ag_74008	VSNYLAGEAKER	75	AGAP002970-PA	Splice junction	2R:+:30262069-30262099,30262165-30262169	Malpighian tubule	2	3
3802	JHU_Ag_9896	VSQVADIFAIFEQIGTKPYMLVAGNTAHGVYR	68	AGAP006220-PA	Splice junction	2L:+:28514526-28514610,28514673-28514683	Ovary	4	5
3803	JHU_Ag_60124	VSQYDPTAQGFNR	72	AGAP007562-PA	Splice junction	2L:+:47612850-47612862,47617083-47617108	Remaining organs	13	14
3804	JHU_Ag_72089	VSSEFTCPHCLEGFIEELPAAER	65	AGAP002758-PA	Splice junction	2R:+:26775142-26775150,26775229-26775288	Ovary	1	2
3805	JHU_Ag_61000	VSSLFSLDTVPTSNANDTK	43	AGAP000255-PD	Splice junction	X:-:4830336-4830408,4829672-4829675	Ovary	1	2
3806	JHU_Ag_55043	VSSMSGQLLSGPQNK	107	AGAP011717-PA	Splice junction	3L:+:32123114-32123134,32123461-32123484	Malpighian tubule	8	9
3807	JHU_Ag_85059	VSTAGITVTCPNTNDLCYTQFDQATLLPIKR	61	AGAP007612-PA	Splice junction	2L:-:48257923-48258061,48257545-48257770	Midgut	1	2
3808	JHU_Ag_8495	VSTFGFCEYDPAGGAR	51	AGAP004546-PA	Splice junction	2R:+:57516218-57516246,57516325-57516343	Malpighian tubule	2	3
3809	JHU_Ag_96912	VSTPQPHFVPGYTGYCPQYMYR	79	AGAP005420-PA	Splice junction	2L:-:15369039-15369063,15367528-15367633	Male reproductive organs	1	2
3810	JHU_Ag_46165	VSVQIDK	55	AGAP004349-PA	Splice junction	2R:-:54937556-54937955,54936322-54936475	Ovary	1	2
3811	JHU_Ag_52460	VSVQIDKAR	54	AGAP004349-PA	Splice junction	2R:-:54937556-54937955,54936322-54936469	Malpighian tubule	1	2
3812	JHU_Ag_49600	VSVYYNEASAVSR	90	AGAP010510-PA	Splice junction	3L:+:5281251-5281278,5281899-5281909	Ovary	2	3

3813	JHU_Ag_79675	VSWQDLKDYMR	69	AGAP004592-PH,AGAP004592-PE	Splice junction,Splice junction	2R:-:58141165-58141235,58136305-58136358;2R:-:58141165-58141253,58136305-58136358	Malpighian tubule	4	5
3814	JHU_Ag_4443	VTANAGLYLETLDEQR	93	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Splice junction,Splice junction,Splice junction	2L:+:47644799-47644805,47644879-47644919;2L:+:47644799-47644805,47644879-47644919;2L:+:47644799-47644805,47644879-47644919	Head	5	6
3815	JHU_Ag_18629	VTCGHCHDTFLFDTLK	78	AGAP006243-PA	Splice junction	2L:-:28591316-28591493,28591035-28591185	Ovary	3	4
3816	JHU_Ag_35324	VTDKVEEAVTGQGPSWADK	98	AGAP008503-PA	residue overlap splice site	3R:-:11349758-11349702	Midgut	2	3
3817	JHU_Ag_17728	VTDKVYFDITIGGKPEGR	129	AGAP007088-PA	Splice junction	2L:-:42415276-42415342,42414696-42414782	Midgut	1	2
3818	JHU_Ag_15528	VTDLDDPSDGHEEDSELTDNPVK	60	AGAP006512-PA	Splice junction	2L:-:33296097-33296273,33294350-33294656	Head	4	5
3819	JHU_Ag_25215	VTESITLLPGDVILTGTPAGVGMHR	47	AGAP011634-PA	Splice junction	3L:+:30458000-30458007,30458084-30458150	Midgut	3	4
3820	JHU_Ag_25136	VTEYSNVDISNAGR	115	AGAP007904-PA	Splice junction	3R:-:2605581-2606686,2605246-2605477	Male reproductive organs	3	4
3821	JHU_Ag_4927	VTGADVPMPYAK	71	AGAP010421-PA	Splice junction	3L:+:3020115-3020121,3020207-3020235	Midgut	5	6
3822	JHU_Ag_101103	VTGQSLGYGFVNYHRPEDAEK	115	AGAP000965-PA	Splice junction	X:+:18545228-18545234,18545313-18545368	Head	1	2
3823	JHU_Ag_95021	VTGSIIKLPEHTASAPVDEETTVHIIGPFFSVQSAQR	89	AGAP012103-PA	Splice junction	3L:-:37668746-37668797,37666359-37666548	Malpighian tubule	3	4
3824	JHU_Ag_95415	VTHCIFDMDGLLLDTEK	73	AGAP003372-PB	Splice junction	2R:+:36925933-36925972,36927894-36927904	Remaining organs	1	2
3825	JHU_Ag_11105	VTIFDLK	31	AGAP010693-PA	residue overlap splice site	3L:+:8624637-8624657	Midgut	2	3
3826	JHU_Ag_85066	VTLENFEFLK	55	AGAP002161-PB	Splice junction	2R:+:16630526-16630528,16630602-16630628	Ovary	1	2
3827	JHU_Ag_40232	VTLGPLECVETNTQK	69	AGAP006513-PA	residue overlap splice site	2L:-:33301441-33301622,33300940-33301329	Midgut	9	10
3828	JHU_Ag_13217	VTLHIR	32	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	Splice junction,Splice junction,Splice junction	X:-:4829250-4829517,4828551-4829150;X:-:4829250-4829517,4828551-4829150;X:-:4829250-4829517,4828551-4829150	Head	5	6
3829	JHU_Ag_106170	VTLLDGSILEVTIDR	27	AGAP012185-PA	Splice junction	3L:+:38503938-38503979,38504063-38504065	Head	1	2
3830	JHU_Ag_1144	VTLLDGSILEVTIDRK	27	AGAP012185-PA	Splice junction	3L:+:38503938-38503979,38504063-38504068	Midgut	1	2
3831	JHU_Ag_10417	VTLPLTVEEYQVAQLYCVAEVSK	39	AGAP001957-PA,AGAP001957-PB	Splice junction,Splice junction	2R:+:12818761-12818787,12824320-12824361;2R:+:12818761-12818787,12824320-12824361	Ovary	2	3
3832	JHU_Ag_108352	VTNKYGDIISYDWL	35	AGAP007530-PA	Splice junction	2L:-:47234004-47234148,47233659-47233662	Malpighian tubule	6	7
3833	JHU_Ag_34252	VTPGKEDWDGSFDTPWR	54	AGAP006569-PA	Splice junction	2L:+:34164031-34164069,34164137-34164148	Remaining organs	3	4
3834	JHU_Ag_91024	VTQTGAQDMQAHILLGSNGIDLPK	70	AGAP003459-PA	Splice junction	2R:-:37940212-37940341,37939937-37940078	Ovary	1	2
3835	JHU_Ag_43089	VTQVADDPETLR	72	AGAP006526-PA	Splice junction	2L:-:33860162-33860286,33858570-33858679	Ovary	3	4
3836	JHU_Ag_27863	VTSDGTYATQSAFSVAPVAK	36	AGAP001399-PA	Splice junction	2R:-:4188094-4189554,4187147-4187958	Ovary	2	3
3837	JHU_Ag_18808	VTSDKDGILHLFPWTGIINEDCQLSETFR	61	AGAP003860-PA,AGAP003860-PB	Splice junction,Splice junction	2R:+:44671447-44671466,44671535-44671601;2R:+:44671447-44671466,44671535-44671601	Remaining organs	6	7
3838	JHU_Ag_56476	VTSDPILDTLESEETTK	91	AGAP006017-PA	Splice junction	2L:-:24698496-24698643,24696525-24696620	Ovary	4	5
3839	JHU_Ag_97007	VTSEDQYKQLIGASK	109	AGAP003415-PA	Splice junction	2R:+:37466073-37466107,37466183-37466192	Malpighian tubule	1	2
3840	JHU_Ag_15610	VTSIHPGMVQTDMIK	64	AGAP004103-PA	Splice junction	2R:+:49767637-49767642,49767744-49767782	Head	2	3
3841	JHU_Ag_26230	VTSVSPGAVK	40	AGAP005645-PA	Splice junction	2L:-:18215802-18216360,18215558-18215708	Remaining organs	1	2
3842	JHU_Ag_948	VTTLNPVLATVGK	71	AGAP010132-PA	Splice junction	3R:+:49286035-49286061,49286148-49286159	Midgut	1	2
3843	JHU_Ag_102432	VTYGLAAVPSYPTGQIGFFIASLNPETEFR	62	AGAP011126-PA	Splice junction	3L:+:17430688-17430762,17430844-17430858	Ovary	2	3
3844	JHU_Ag_73449	VTYGLAAVPSYPTGQIGFFIASLNPETEFREPAR	139	AGAP011126-PA	Splice junction	3L:+:17430688-17430762,17430844-17430870	Ovary	2	3
3845	JHU_Ag_102549	VTYQLEDHTGR	67	AGAP008332-PA	Splice junction	3R:-:9199022-9199216,9198484-9198906	Male reproductive organs	2	3
3846	JHU_Ag_16697	VVAPSNNEDDCFIQLIDQDQYSVR	58	AGAP004335-PC,AGAP004335-PA	Splice junction,Splice junction	2R:+:54818087-54818158;2R:+:54818087-54818158;2R:+:54818087-54818158	Head	4	5
3847	JHU_Ag_23377	VVATPHLGASTSEAQVR	81	AGAP008849-PA	Splice junction	3R:-:19412352-19412549,19412110-19412218	Ovary	5	6

3848	JHU_Ag_822	VVATTPNVR	32	AGAP005621-PA	Splice junction	2L:-:17934142-17934292,17933861-17934035	Midgut	2	3
3849	JHU_Ag_53114	VVDYYFPTIQLGAHLDQTK	80	AGAP004163-PB	Splice junction	2R:-:50990536-50990663,50990112-50990385	Head	2	3
3850	JHU_Ag_28241	VVEGVALFLK	55	AGAP010933-PA	residue overlap splice site	3L:+:13354517-13354546	Head	1	2
3851	JHU_Ag_32186	VVEGVALFLKK	73	AGAP010933-PA	Splice junction	3L:+:13354517-13354548,13354635-13354635	Male reproductive organs	1	2
3852	JHU_Ag_106977	VVEHGVK	47	AGAP001435-PA	Splice junction	2R:-:4951927-4951907	Head	6	7
3853	JHU_Ag_37032	VVENETAAGTGGGTDAEAANGGEGNK	135	AGAP005627-PA	Splice junction	2L:+:17997082-17997152,17998002-17998008	Midgut	1	2
3854	JHU_Ag_69739	VVEVPFTTGESR	46	AGAP001633-PA	residue overlap splice site	2R:-:7173913-7174245,7172331-7173727	Male reproductive organs	13	14
3855	JHU_Ag_5511	VVFSPQEAEDISGK	115	AGAP004744-PA	Splice junction	2L:+:3023019-3023029,3023103-3023133	Pupa	3	4
3856	JHU_Ag_51488	VVFSPQEAEDISGKMINQLLVTK	88	AGAP004744-PA	Splice junction	2L:+:3023019-3023029,3023103-3023160	Malpighian tubule	3	4
3857	JHU_Ag_18259	VVFVGNFLR	41	AGAP011715-PA	Splice junction	3L:+:32088492-32088518	Ovary	3	4
3858	JHU_Ag_34388	VVGEEYYQQWNTVLR	58	AGAP002361-PA	Splice junction	2R:-:20621363-20621526,20620352-20620509	Pupa	4	5
3859	JHU_Ag_115294	VVHKQFNSPIGLYSDNNIENTIR	136	AGAP006260-PA	Splice junction	2L:-:28712909-28712841;2L:-:28712909-28712841	Malpighian tubule	5	6
3860	JHU_Ag_57675	VVKDWMSILPAGQVPNWVMGNHDRPR	85	AGAP011939-PA	Splice junction	3L:-:35408777-35408972,35408055-35408627	Midgut	1	2
3861	JHU_Ag_2856	VVLEAPDAGK	53	AGAP001796-PA	Splice junction	2R:+:10532345-10532356,10533057-10533074	Ovary	1	2
3862	JHU_Ag_54443	VVLWDINQEGLDDSVK	88	AGAP010232-PB	Splice junction	3R:+:51317823-51317850,51320068-51320087	Head	2	3
3863	JHU_Ag_34249	VVPYKPELYLCTPVK	79	AGAP007420-PA	Splice junction	2L:+:46535558-46535572,46546069-46546098	Male reproductive organs	1	2
3864	JHU_Ag_1878	VVQLLDEYPR	51	AGAP003592-PA	Splice junction	2R:-:40370511-40370559,40369299-40370166	Head	1	2
3865	JHU_Ag_35920	VVQLLDEYPRCFIVGADNVGSR	77	AGAP003592-PA	Splice junction	2R:-:40370511-40370559,40369299-40370130	Malpighian tubule	1	2
3866	JHU_Ag_902	VVQPTATVSSVPVTAPTTGIAR	94	AGAP011312-PA	Splice junction	3L:+:20845325-20845373,20845667-20845683	Head	3	4
3867	JHU_Ag_32592	VVQTTATGQVIPDVNVYQQK	74	AGAP006745-PB,AGAP006745-PA	Splice junction,Splice junction	2L:+:37709296-37709298,37709375-37709431;2L:+:37709296-37709298,37709375-37709431	Male reproductive organs	2	3
3868	JHU_Ag_33008	VVSGVTGATQIR	84	AGAP008955-PA	Splice junction	3R:-:21801575-21801746,21800935-21801059	Remaining organs	1	2
3869	JHU_Ag_99324	VVSLSHVLGLTGSVDGIK	77	AGAP001442-PA	Splice junction	2R:+:5057466-5057490,5057550-5057578	Ovary	1	2
3870	JHU_Ag_34636	VVSPGIDLSGLTLQSGPSR	62	AGAP002902-PA	Splice junction	2R:+:29117479-29117497,29117581-29117618	Ovary	3	4
3871	JHU_Ag_3081	VVSPYDSEDAK	47	AGAP010421-PA	residue overlap splice site	3L:+:3019442-3019474	Remaining organs	3	4
3872	JHU_Ag_27377	VVSPYDSEDAKGLLK	85	AGAP010421-PA	Splice junction	3L:+:3019442-3019475,3019599-3019609	Malpighian tubule	3	4
3873	JHU_Ag_12572	VVSVDGEYQTESATQEVDTYGIQSSVK	87	AGAP000720-PB,AGAP000720-PA	Splice junction,Splice junction	X:+:13115417-13115483,13115566-13115579;X:+:13115417-13115483,13115566-13115579	Head	4	5
3874	JHU_Ag_50809	VVTEFDSDYDYVTNEDNIFSFR	97	AGAP009172-PA	Splice junction	3R:-:28110738-28110868,28109971-28110603	Remaining organs	3	4
3875	JHU_Ag_98417	VVTINPVLLTVGYALR	90	AGAP008179-PA	Splice junction	3R:-:6404562-6404970,6403622-6404446	Midgut	1	2
3876	JHU_Ag_57999	VVTMQIWDTAGQER	73	AGAP001617-PA	Splice junction	2R:-:6828518-6828683,6828218-6828410	Male reproductive organs	1	2
3877	JHU_Ag_58206	VVVPEVLKPYQLSIYENLPIK	68	AGAP002926-PA	Splice junction	2R:+:29686086-29686132,29686200-29686215	Larva	4	5
3878	JHU_Ag_95421	VVVVEDHYKQGGLGEAVLSALAEQR	167	AGAP011161-PA	Splice junction	3L:+:18118260-18118285,18118373-18118421	Malpighian tubule	3	4
3879	JHU_Ag_57754	VVYAHEPLLHVAK	80	AGAP006830-PA	Splice junction	2L:+:39090704-39090728,39093435-39093448	Head	3	4
3880	JHU_Ag_103335	VWLDPNEINEIGNTNSRQNIR	49	AGAP004422-PA	Splice junction	2R:-:55870240-55870298,55869598-55870087	Malpighian tubule	2	3
3881	JHU_Ag_39335	VWTTADDLVNQIR	45	AGAP002982-PA	Splice junction	2R:+:30521184-30521216,30521295-30521300	Male reproductive organs	2	3
3882	JHU_Ag_23658	VYAVAGDVLDGYLYDLLMNFLEEK	183	AGAP003987-PA	Splice junction	2R:+:47547524-47547556,47547630-47547668	Ovary	4	5
3883	JHU_Ag_53504	VYAWGSFR	42	AGAP003742-PA	residue overlap splice site	2R:+:42814991-42815014;2R:+:42814991-42815014	Salivary gland	2	3
3884	JHU_Ag_85597	VYDLFDAK	36	AGAP005846-PA	Splice junction	2L:+:22437658-22437663,22437742-22437759	Pupa	6	7
3885	JHU_Ag_480	VYDYYAPER	52	AGAP008407-PA	Splice junction	3R:-:10368327-10368411,10368017-10368227	Larva	7	8
3886	JHU_Ag_4002	VYFEEGFKDDSWQK	89	AGAP004212-PA	Splice junction	2R:-:51941056-51941107,51940805-51940896	Larva	1	2

3887	JHU_Ag_40028	VYFKNENGQSISPLHDIPLYANDER	78	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735	Midgut	1	2
3888	JHU_Ag_30632	VYINLDKPGAHACGYCGQR	139	AGAP009072-PA	Splice junction	3R:+:25419329-25419343,25419420-25419461	Remaining organs	2	3
3889	JHU_Ag_81687	VYINLDKPGAHACGYCGQRFEK	105	AGAP009072-PA	Splice junction	3R:+:25419329-25419343,25419420-25419470	Malpighian tubule	2	3
3890	JHU_Ag_18662	VYLLPDK	50	AGAP005288-PB	Splice junction	3R:+:3233228-3233248;2L:+:13708182-13708202;2L:+:13708182-13708202;2L:+:13708182-13708202;3R:+:3233228-3233248	Head	6	7
3891	JHU_Ag_10687	VYLLPDKSK	32	AGAP005288-PB	Splice junction	2L:+:13708182-13708208;2L:+:13708182-13708208;2L:+:13708182-13708208	Male reproductive organs	6	7
3892	JHU_Ag_51399	VYSPHVLNLTLIDLPGLTK	36	AGAP003018-PA,AGAP003018-PB	Splice junction,Splice junction	2R:-:31195722-31195856,31195027-31195593;2R:-:31195722-31195856,31195027-31195593	Pupa	3	4
3893	JHU_Ag_106785	VYSSEGR	42	AGAP003553-PA	Splice junction	2R:+:39452469-39452484,39452558-39452562	Male reproductive organs	2	3
3894	JHU_Ag_12387	WAEAHGGYR	45	AGAP013146-PC	Splice junction	2R:+:42062785-42062795,42062868-42062883	Midgut	5	6
3895	JHU_Ag_72555	WAHLGQHCETNINEDALTFISR	96	AGAP006513-PA	Splice junction	2L:-:33300664-33300881,33300133-33300530	Midgut	11	12
3896	JHU_Ag_82086	WAYNMAGFNQYGLHR	111	AGAP012188-PA	Splice junction	3L:+:38533542-38533575,38533723-38533733	Midgut	2	3
3897	JHU_Ag_87335	WAYNMAGFNQYGLHRDDCLYENEDVK	113	AGAP012188-PA	Splice junction	3L:+:38533542-38533575,38533723-38533766	Remaining organs	2	3
3898	JHU_Ag_39828	WDTGENPIYK	38	AGAP000815-PA	Splice junction	X:+:14947789-14947797,14948842-14948862	Ovary	5	6
3899	JHU_Ag_80438	WENPLMGWSSTGDPLSNMR	120	AGAP007082-PA	Splice junction	2L:+:42270548-42270579,42270654-42270678	Midgut	3	4
3900	JHU_Ag_6112	WFAGDNMTTHLLNAEGEEVAASER	162	AGAP011938-PA	Splice junction	3L:-:35401150-35401321,35400927-35401008	Ovary	4	5
3901	JHU_Ag_43824	WFDGFYWEGLR	37	AGAP008863-PA	Splice junction	3R:-:19884076-19884044	Salivary gland	10	11
3902	JHU_Ag_14635	WFYYDYNTLIGESK	82	AGAP002606-PA	Splice junction	2R:-:23836100-23836256,23835495-23835987	Midgut	2	3
3903	JHU_Ag_112258	WGEVDMER	58	AGAP005894-PA	Splice junction	2L:-:23228361-23228474,23227151-23228269	Malpighian tubule	2	3
3904	JHU_Ag_86036	WGLVVAGLSDLR	70	AGAP004906-PA	Splice junction	2L:+:5793651-5793653,5793737-5793769	Midgut	2	3
3905	JHU_Ag_5914	WGPHGYGFACGSGFLQTDCMSEEQLASQKPMVTIDTTVIK	96	AGAP012305-PA	Splice junction	3L:+:39985419-39985480,39985548-39985605	Remaining organs	6	7
3906	JHU_Ag_42998	WHAASMHLVDTLPEMK	88	AGAP003767-PA	Splice junction	2R:+:43123257-43123289,43123361-43123375	Malpighian tubule	2	3
3907	JHU_Ag_75486	WHPASPTDSHLLALLSDNSIR	100	AGAP001179-PA	residue overlap splice site	2R:-:740279-740343,739614-739989	Ovary	3	4
3908	JHU_Ag_43409	WILTAEHCVPLLQFFSER	58	AGAP005194-PA	Splice junction	2L:-:12168972-12169173,12168726-12168851	Malpighian tubule	1	2
3909	JHU_Ag_25793	WITEEGSVNVAEIVR	86	AGAP006278-PA	Splice junction	2L:+:29236055-29236081,29236180-29236197	Pupa	1	2
3910	JHU_Ag_20200	WLQGFSFSDCEPSALVQR	65	AGAP000412-PA	Splice junction	X:+:7386552-7386561,7386664-7386707	Remaining organs	1	2
3911	JHU_Ag_101635	WNPDKPEEKPYNQTYEVDLSACGPMVLDALIK	87	AGAP007309-PA	Splice junction	2L:+:45258030-45258068,45258153-45258209	Remaining organs	2	3
3912	JHU_Ag_41915	WPGNTVPVMIVEEDFTPEQIEHIK	131	AGAP010764-PA	Splice junction	3L:+:10011834-10011879,10011959-10011984	Midgut	2	3
3913	JHU_Ag_50981	WPGNTVPVMIVEEDFTPEQIEHIKR	97	AGAP010764-PA	Splice junction	3L:+:10011834-10011879,10011959-10011987	Midgut	2	3
3914	JHU_Ag_30029	WQMDQSLIGTNPGLGFRPLPSEDNVESTLIWYK	75	AGAP007791-PA,AGAP007791-PB	Splice junction,Splice junction	3R:-:893461-893565,890065-890123;3R:-:893461-893565,890065-890123	Larva	2	3
3915	JHU_Ag_105378	WSSDDIDISDISVSDYIAVK	47	AGAP008329-PA	Splice junction	3R:-:9180396-9180549,9179898-9180219	Pupa	1	2
3916	JHU_Ag_100851	WSSDDIDISDISVSDYIAVKEK	116	AGAP008329-PA	Splice junction	3R:-:9180396-9180549,9179898-9180213	Malpighian tubule	1	2
3917	JHU_Ag_83692	WSVQEHTFRPPYYHR	56	AGAP009609-PA	Splice junction	3R:-:36995407-36995898,36994987-36995290	Malpighian tubule	3	4
3918	JHU_Ag_6388	WTYVAGNNWGYCEDGSGR	115	AGAP001819-PA	Splice junction	2R:+:10870588-10870603,10870686-10870723	Midgut	1	2
3919	JHU_Ag_75584	WVAEPSPTHSSTPVKIEHAHQFVPTNTNPR	62	AGAP004852-PA	Splice junction	2L:-:4470829-4470740	Malpighian tubule	5	6
3920	JHU_Ag_30174	WVLTAAHCIVGHEPTNIQVLVGTNSLK	134	AGAP006707-PA	Splice junction	2L:-:37115462-37115657,37114980-37115322	Midgut	1	2
3921	JHU_Ag_28546	WVLTAAHCLVGYEPSDLMVLVGTNSLK	55	AGAP006711-PA,AGAP006710-PA	Splice junction,Splice junction	2L:+:37127409-37127440,37127517-37127565;2L:-:37122966-37123167,37122445-37122790	Midgut	1	2

3922	JHU_Ag_15450	YADKDFK	37	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	Splice junction,Splice junction,Splice junction	2R:+:53207956-53207968,53208067-53208074;2R:+:53207956-53207968,53208067-53208074;2R:+:53207956-53207968,53208067-53208074	Malpighian tubule	1	2
3923	JHU_Ag_6190	YADKDFLFK	39	AGAP010657-PA	Splice junction	3L:-:8115952-8116045,8115755-8115860	Salivary gland	1	2
3924	JHU_Ag_62640	YADKDLLFK	69	AGAP005768-PA	Splice junction	2L:-:20389361-20389448,20389160-20389265	Pupa	1	2
3925	JHU_Ag_32076	YADKEFLFK	62	AGAP005767-PA,AGAP005766-PA	Splice junction,Splice junction	2L:-:20383828-20383915,20383620-20383725;2L:-:20378159-20378246,20377951-20378056	Larva	1	2
3926	JHU_Ag_30848	YADSELGK	40	AGAP010679-PA	Splice junction	3L:+:8341408-8341426,8341510-8341514	Ovary	1	2
3927	JHU_Ag_111229	YADSELGKGESVCIDR	58	AGAP010679-PA	Splice junction	3L:+:8341408-8341426,8341510-8341538	Midgut	1	2
3928	JHU_Ag_22865	YAGDHEGTITEPAELEELK	55	AGAP006772-PA	Splice junction	2L:+:38108259-38108277,38108345-38108382	Head	4	5
3929	JHU_Ag_648	YAGDHEGTITEPAELEELKDK	91	AGAP006772-PA	Splice junction	2L:+:38108259-38108277,38108345-38108388	Midgut	4	5
3930	JHU_Ag_76443	YALLQPQFEINPK	38	AGAP010691-PA	Splice junction	3L:+:8610456-8610493,8610574-8610574	Midgut	1	2
3931	JHU_Ag_28991	YALNTHMHADHVTGTGFLK	47	AGAP003337-PA	Splice junction	2R:-:36290475-36290613,36290035-36290352	Head	2	3
3932	JHU_Ag_21422	YALVSALAASGVPALVQSR	131	AGAP002306-PA	residue overlap splice site	2R:+:19055131-19055187	Remaining organs	2	3
3933	JHU_Ag_76706	YALVWGSSVK	51	AGAP010624-PA	Splice junction	3L:-:7363368-7363489,7363170-7363245	Ovary	3	4
3934	JHU_Ag_80104	YANTLQELR	44	AGAP009598-PA	Splice junction	3R:-:36885108-36885611,36884923-36885015	Head	5	6
3935	JHU_Ag_40724	YAPQVYYELCHHLTTALVK	34	AGAP006445-PA	Splice junction	2L:-:32193312-32193387,32192479-32193169	Ovary	3	4
3936	JHU_Ag_4205	YASICQSQRIVPIVEPEILPDGDHDLER	94	AGAP002564-PA,AGAP002564-PB	Splice junction,Splice junction	2R:+:22880536-22880586,22880661-22880693;2R:+:22880536-22880586,22880661-22880693	Remaining organs	3	4
3937	JHU_Ag_87902	YASLELIHYAIFSSFR	77	AGAP003759-PA	Splice junction	2R:-:43094694-43095189,43094404-43094548	Malpighian tubule	3	4
3938	JHU_Ag_1550	YAVPGYYLSCYDK	62	AGAP003099-PA	residue overlap splice site	2R:-:32429206-32429168	Midgut	3	4
3939	JHU_Ag_24568	YAVPIPEALGNNR	43	AGAP010823-PA,AGAP012693-PA	Splice junction,Splice junction	3L:+:11444867-11444893,11444969-11444980;UNKN:+:23854048-23854074,23854150-23854161	Salivary gland	5	6
3940	JHU_Ag_54445	YAYLTHYR	52	AGAP008228-PA,AGAP008228-PB	Splice junction,Splice junction	3R:-:7191420-7191432,7177395-7177559;3R:-:7191420-7191432,7177395-7177559	Male reproductive organs	1	2
3941	JHU_Ag_12630	YAYVTLPR	46	AGAP010338-PA	Splice junction	3L:+:1688423-1688440,1688514-1688519	Midgut	1	2
3942	JHU_Ag_13082	YCEAQNNEFMLCR	90	AGAP006918-PA	Splice junction	2L:-:39996795-39996903,39996445-39996603	Head	1	2
3943	JHU_Ag_43879	YCNDYPVALSLVASGK	68	AGAP003584-PA	Splice junction	2R:+:40344029-40344039,40344103-40344139	Male reproductive organs	2	3
3944	JHU_Ag_26642	YDCDHDK	20	AGAP000893-PA	Splice junction	X:-:16811732-16811870,16809102-16811620	Head	2	3
3945	JHU_Ag_5229	YDEMVEAMK	56	AGAP001151-PA	Splice junction	2R:-:625056-625113,618494-618629	Ovary	1	2
3946	JHU_Ag_17183	YDEMVEAMKK	39	AGAP001151-PA	Splice junction	2R:-:625056-625113,618494-618626	Midgut	1	2
3947	JHU_Ag_33798	YDENGNTVGIPEFEPPTPK	36	AGAP010164-PB,AGAP010164-PA	Splice junction,Splice junction	3R:+:49789889-49789945;3R:+:49789889-49789945	Malpighian tubule	7	8
3948	JHU_Ag_7421	YDGAFSNGVCSGLGVMCFPDGAK	68	AGAP003547-PA	Splice junction	2R:+:39425044-39425091,39425337-39425337	Head	2	3
3949	JHU_Ag_25495	YDGPLVLDIK	47	AGAP002655-PA	Splice junction	2R:+:25191559-25191574,25191653-25191666	Head	3	4
3950	JHU_Ag_112646	YDIGVLQLSHPLDLTR	141	AGAP001198-PA	Splice junction	2R:+:1275848-1275862,1275927-1275959	Midgut	1	2
3951	JHU_Ag_26022	YDIITSLDGLESNLDR	95	AGAP010420-PA	Splice junction	3L:-:3013425-3015351,3012475-3013303	Ovary	3	4
3952	JHU_Ag_77252	YDNPDADDEAVEK	50	AGAP010048-PA	Splice junction	3R:+:48263847-48263858,48263940-48263966	Head	7	8
3953	JHU_Ag_59185	YDPTIGIYGLDFYVVLGRPGYNVAQR	115	AGAP011173-PA	Splice junction	3L:+:18233000-18233057,18233513-18233532	Ovary	2	3
3954	JHU_Ag_73958	YDVSTELFLEGK	38	AGAP003793-PA	Splice junction	2R:+:43359390-43359407,43359481-43359498	Larva	1	2
3955	JHU_Ag_55825	YDYITGNEIESFK	101	AGAP005029-PA	Splice junction	2L:+:8579829-8579856,8579962-8579972	Ovary	2	3
3956	JHU_Ag_61496	YDYSEPQEPVQVEK	92	AGAP003204-PA	Splice junction	2R:-:33821389-33821713,33821145-33821277	Head	5	6
3957	JHU_Ag_116976	YECADFSQFQEQLK	51	AGAP005402-PA	Splice junction	2L:+:15084609-15084638,15084780-15084791	Remaining organs	1	2
3958	JHU_Ag_18552	YECADFSQFQEQLKK	78	AGAP005402-PA	Splice junction	2L:+:15084609-15084638,15084780-15084794	Remaining organs	1	2

3959	JHU_Ag_109640	YEETINQFEPFEK	48	AGAP003022-PA	residue overlap splice site	2R:-:31222619-31222712,31222424-31222500	Male reproductive organs	3	4
3960	JHU_Ag_29533	YEGLAAAVLDK	93	AGAP000551-PA	Splice junction	X:+:9857742-9857748,9858308-9858333	Malpighian tubule	1	2
3961	JHU_Ag_4812	YEGLAAAVLDKR	76	AGAP000551-PA	Splice junction	X:+:9857742-9857748,9858308-9858336	Salivary gland	1	2
3962	JHU_Ag_25766	YELGRPAANTK	51	AGAP002437-PA	residue overlap splice site	2R:-:21383188-21383156	Malpighian tubule	2	3
3963	JHU_Ag_38977	YELLHVTPPMGAPDVLK	32	AGAP003142-PA	Splice junction	2R:+:33210555-33210605	Midgut	4	5
3964	JHU_Ag_95075	YELQGSILLYNMQELIDR	81	AGAP013181-PA	Splice junction	X:-:19725519-19725780,19724385-19725363	Malpighian tubule	1	2
3965	JHU_Ag_39303	YELQGSILLYNMQELIDREK	94	AGAP013181-PA	Splice junction	X:-:19725519-19725780,19724385-19725357	Malpighian tubule	1	2
3966	JHU_Ag_71362	YEMIPTSVDSSCINTEGHLPEGR	100	AGAP007946-PA,AGAP007946-PB	Splice junction,Splice junction	3R:-:3254193-3255036,3253369-3254014;3R:-:3254193-3255036,3253932-3254014	Malpighian tubule	1	2
3967	JHU_Ag_1428	YENDNLGVDGYNFQYETSNNINR	137	AGAP005998-PA	Splice junction	2L:-:24621807-24621891,24621452-24621614	Head	1	2
3968	JHU_Ag_61644	YEQETELLREQLR	41	AGAP003794-PA,AGAP003794-PB	Splice junction,Splice junction	2R:-:43383627-43384415,43383309-43383492;2R:-:43383627-43384415,43383309-43383492	Malpighian tubule	2	3
3969	JHU_Ag_95463	YEQHESYDLSAIRYDIGVLQLSHPLDLTR	33	AGAP001198-PA	Splice junction	2R:+:1275809-1275862,1275927-1275959	Midgut	1	2
3970	JHU_Ag_9635	YESIFEHPADVDLWSGGVSER	84	AGAP000051-PA	Splice junction	X:+:840203-840219,840299-840344	Pupa	4	5
3971	JHU_Ag_75172	YESILMSLPLNAR	76	AGAP004749-PA	Splice junction	2L:+:3039936-3039971,3040050-3040052	Ovary	2	3
3972	JHU_Ag_111435	YESLQNGRPLVETNGSPLPK	41	AGAP002828-PA	Splice junction	2R:+:28063928-28063987	Midgut	12	13
3973	JHU_Ag_65727	YESVCVTIGPNEEPTIER	48	AGAP002289-PA	Splice junction	2R:-:18632047-18632283,18630418-18631915	Salivary gland	2	3
3974	JHU_Ag_38160	YETEDEATETR	52	AGAP009237-PA	Splice junction	3R:+:29089688-29089701,29089781-29089799	Head	3	4
3975	JHU_Ag_84301	YEVDTVHYVDEISK	84	AGAP004775-PA	Splice junction	2L:-:3415234-3415393,3412031-3412070	Midgut	2	3
3976	JHU_Ag_105889	YEVDTVHYVDEISKR	110	AGAP004775-PA	Splice junction	2L:-:3415234-3415393,3412031-3412067	Midgut	2	3
3977	JHU_Ag_1611	YFAICQQELPVNVASTIPLR	103	AGAP010160-PA	Splice junction	3R:-:49672018-49672168,49671706-49671874	Midgut	7	8
3978	JHU_Ag_11366	YFDEISQDTGK	50	AGAP010310-PA	Splice junction	3L:-:81188-81323,80905-81091	Male reproductive organs	4	5
3979	JHU_Ag_34375	YFFFMNTGLQNQDVLYVQDKLDGEPK	64	AGAP009172-PA	Splice junction	3R:-:28111478-28111787,28110939-28111313	Malpighian tubule	1	2
3980	JHU_Ag_71336	YFGESYPTEDLSTENLR	85	AGAP003639-PA,AGAP003641-PA	Splice junction,Splice junction	2R:+:40879566-40879591,40879670-40879694;2R:+:40894412-40894437,40894516-40894540	Pupa	1	2
3981	JHU_Ag_64732	YFGTSVPTEDLSSDNLR	112	AGAP003640-PA	Splice junction	2R:+:40882605-40882630,40882716-40882740	Larva	1	2
3982	JHU_Ag_93600	YFIEMDTSTVTLNPGMNTIVR	68	AGAP006258-PA	Splice junction	2L:-:28703827-28704877,28702844-28703071	Head	2	3
3983	JHU_Ag_112436	YFIEMDTSTVTLNPGMNTIVRR	89	AGAP006258-PA	Splice junction	2L:-:28703827-28704877,28702844-28703068	Malpighian tubule	2	3
3984	JHU_Ag_110615	YFIKVPR	38	AGAP000662-PC	Splice junction	2L:+:21234348-21234368;X:+:11771872-11771892	Malpighian tubule	3	4
3985	JHU_Ag_60331	YFLDDLDR	67	AGAP005773-PB,AGAP005773-PA	Splice junction,Splice junction	2L:-:20464598-20464815,20438462-20438569;2L:-:20464598-20464815,20438462-20438569	Ovary	5	6
3986	JHU_Ag_8592	YFSCNTQDCPER	93	AGAP001662-PA	Splice junction	2R:-:7622619-7622659,7619883-7620839	Midgut	3	4
3987	JHU_Ag_42114	YFTPYDQALVDNCNTCK	113	AGAP007684-PA	Splice junction	2L:-:49015190-49015321,49014777-49015066	Head	2	3
3988	JHU_Ag_10792	YFVDFDIPK	58	AGAP000943-PD,AGAP000943-PE	Splice junction,Splice junction	X:-:18256811-18257030,18256603-18256711;X:-:18256811-18257030,18256603-18256711	Midgut	4	5
3989	JHU_Ag_16331	YGEILTALITQGLLQLMEAK	169	AGAP002401-PA	Splice junction	2R:+:20957040-20957084,20957164-20957178	Malpighian tubule	2	3
3990	JHU_Ag_57971	YGEVLFDILIAGGLLVPGGSISQDGEKPR	137	AGAP002413-PB	Splice junction	2R:+:21027390-21027435,21027535-21027575	Ovary	2	3
3991	JHU_Ag_105639	YGFSNMGQIGPLK	75	AGAP002915-PA	Splice junction	2R:-:29399123-29399573,29358027-29358117	Male reproductive organs	1	2
3992	JHU_Ag_103	YGGGYGGYGGYGGGFGGYR	90	AGAP009635-PA	Splice junction	3R:-:37368255-37368486,37368004-37368094	Malpighian tubule	1	2
3993	JHU_Ag_3024	YGHFGEGGQIYSFSLNNPK	74	AGAP000032-PA	Splice junction	X:+:418784-418805,421014-421048	Male reproductive organs	7	8
3994	JHU_Ag_4509	YGIDCTNIAEDNIMDVADFEK	117	AGAP005046-PB	Splice junction	2L:+:8792746-8792802,8792895-8792900	Head	2	3
3995	JHU_Ag_10094	YGIDCTNIAEDNIMDVADFEKYLK	138	AGAP005046-PB	Splice junction	2L:+:8792746-8792802,8792895-8792909	Malpighian tubule	2	3

3996	JHU_Ag_12491	YGPNELPAEEGK	56	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	Splice junction,Splice junction,Splice junction	2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280	Midgut	2	3
3997	JHU_Ag_62635	YGPWAVITGGSDGIGK	57	AGAP007881-PA	Splice junction	3R:+:2463047-2463062,2463153-2463184	Male reproductive organs	1	2
3998	JHU_Ag_2511	YGQWAVITGASDGIGK	80	AGAP007879-PB,AGAP007879-PA	Splice junction,Splice junction	3R:+:2459812-2459827,2459895-2459926;3R:+:2459812-2459827,2459895-2459926	Midgut	1	2
3999	JHU_Ag_115426	YGSNSGSGSYCGSTK	29	AGAP011460-PA	Splice junction	3L:+:24944432-24944432,24944777-24944820	Head	3	4
4000	JHU_Ag_102787	YGTPYEFGTTADVLYIASGSSPDWAHGTHGTPVAATFEFR	105	AGAP008370-PA	Splice junction	3R:+:10095058-10095100,10095181-10095257	Midgut	4	5
4001	JHU_Ag_57693	YHQNPSVK	50	AGAP012745-PA	Splice junction	2R:+:42072540-42072562,42072630-42072630;2R:+:42092311-42092333,42092401-42092401;2R:+:42097352-42097374,42097442-42097442;UNKN:-:26433353-26433521,26433098-26433263	Midgut	2	3
4002	JHU_Ag_58596	YIEEATTHANLNQLLDEGQK	71	AGAP000195-PA	Splice junction	X:-:3209060-3209237,3208533-3208686	Head	1	2
4003	JHU_Ag_55749	YIEQELR	36	AGAP001724-PA	Splice junction	2R:-:8934520-8935747,8934260-8934400	Malpighian tubule	1	2
4004	JHU_Ag_7084	YIHQESENLKEDK	49	AGAP004750-PA	Splice junction	2L:-:3043033-3043678,3042774-3042913	Pupa	4	5
4005	JHU_Ag_31972	YIIIGDTGVGK	43	AGAP005393-PA	Splice junction	2L:+:14906085-14906106,14908515-14908525	Male reproductive organs	1	2
4006	JHU_Ag_858	YIITDFQLAPK	39	AGAP006017-PA	Splice junction	2L:-:24695815-24695993,24695433-24695679	Male reproductive organs	8	9
4007	JHU_Ag_14993	YIPVTAEISSHDQNPDGYTWTIR	47	AGAP011700-PA	Splice junction	3L:+:31630183-31630244,31630408-31630414	Remaining organs	4	5
4008	JHU_Ag_62988	YIPVTAEISSHDQNPDGYTWTIRK	109	AGAP011700-PA	Splice junction	3L:+:31630183-31630244,31630408-31630417	Ovary	4	5
4009	JHU_Ag_4087	YISATGGADSRPATGPGTPTEENAGQIGQVTHK	202	AGAP004273-PB,AGAP004273-PA	Splice junction,Splice junction	2R:-:53557672-53557946,53549218-53549305;2R:-:53557672-53557946,53549218-53549305	Head	3	4
4010	JHU_Ag_37186	YISLGIKADDIENIYK	112	AGAP009031-PA	Splice junction	3R:-:24356568-24357240,24356220-24356238	Malpighian tubule	1	2
4011	JHU_Ag_105920	YIVENECDPINGQPLTAEELIDVK	111	AGAP007217-PA	residue overlap splice site	2L:+:44379535-44379606	Ovary	2	3
4012	JHU_Ag_65408	YKELPYYESNFPAEK	75	AGAP007589-PA	Splice junction	2L:-:48034208-48034679,48033195-48034092	Malpighian tubule	2	3
4013	JHU_Ag_28260	YKILCPQLIK	37	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction,Splice junction	3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675	Malpighian tubule	8	9
4014	JHU_Ag_97833	YKSIEEVPNFVSQEK	39	AGAP007146-PA	Splice junction	2L:-:43577280-43577529,43576940-43577156	Malpighian tubule	1	2
4015	JHU_Ag_24637	YLAALQYTGTQPVNIDDPKEFR	94	AGAP001816-PA	Splice junction	2R:-:10867215-10867233,10866333-10867041	Malpighian tubule	1	2
4016	JHU_Ag_72242	YLAEVATGETRHTVVDDSQAAYQDAFEISK	160	AGAP007643-PA	Splice junction	2L:-:48611990-48612077,48611352-48611463	Malpighian tubule	4	5
4017	JHU_Ag_109347	YLDQILK	34	AGAP008209-PA	residue overlap splice site	3R:+:6917005-6917025	Midgut	1	2
4018	JHU_Ag_11927	YLEAQIQGSK	57	AGAP009949-PA	Splice junction	3R:+:46042189-46042203,46042301-46042315	Remaining organs	5	6
4019	JHU_Ag_39600	YLEDKPSELISYDR	60	AGAP000680-PA	Splice junction	X:-:12119870-12120056,12119442-12119763	Ovary	1	2
4020	JHU_Ag_112653	YLEHYEDNAR	61	AGAP006868-PA	Splice junction	2L:+:39275060-39275074,39275155-39275169	Head	2	3
4021	JHU_Ag_32308	YLEIGMKPR	44	AGAP003115-PA	Splice junction	2R:+:32740150-32740162,32740283-32740296	Midgut	5	6
4022	JHU_Ag_72825	YLENYK	39	AGAP012981-PA,AGAP003200-PA	Splice junction,Splice junction	2R:+:33781451-33781464,33781671-33781674;2R:+:33799407-33799420,33799642-33799645	Male reproductive organs	2	3

4023	JHU_Ag_35664	YLENYKNTVQIVQSK	108	AGAP012981-PA,AGAP003200-PA	Splice junction,Splice junction	2R:+:33781451-33781464,33781671-33781701;2R:+:33799407-33799420,33799642-33799672	Malpighian tubule	2	3
4024	JHU_Ag_9849	YLGYANEIGEAFRPVIK	41	AGAP001603-PA	Splice junction	2R:-:6645676-6645721,6645419-6645503	Remaining organs	1	2
4025	JHU_Ag_13106	YLIDIGTIPIPYSTNEER	41	AGAP011052-PA	Splice junction	3L:+:15782858-15782863,15782942-15782989	Malpighian tubule	2	3
4026	JHU_Ag_1603	YLILAPAAMQAETEGK	106	AGAP010147-PH	Splice junction	3R:+:49470753-49470800	Head	8	9
4027	JHU_Ag_7390	YLILAPAAMQAETEGKK	120	AGAP010147-PH	Splice junction	3R:+:49470753-49470803	Head	8	9
4028	JHU_Ag_77175	YLISYAPNSIINMIDNETGQTALHK	58	AGAP000519-PA	Splice junction	X:+:9264660-9264712,9266187-9266208	Head	13	14
4029	JHU_Ag_20191	YLPAAGAYRPPNITAIFTR	48	AGAP006442-PA	Splice junction	2L:+:32055351-32055365,32055477-32055518	Midgut	1	2
4030	JHU_Ag_829	YLPELANYPAQFVHEPWK	104	AGAP001958-PA	Splice junction	2R:-:12837627-12837838,12837246-12837471	Head	4	5
4031	JHU_Ag_78250	YLPGHKLPENVVAVPDVVEAAK	44	AGAP007593-PB,AGAP007593-PA	Splice junction,Splice junction	2L:-:48093219-48093364,48090471-48091018;2L:-:48093219-48093364,48090471-48091018	Pupa	2	3
4032	JHU_Ag_701	YLPTEPQDQPDSCGAAPPADDSNEMHVVK	63	AGAP002890-PA,AGAP002890-PB	Splice junction,Splice junction	2R:+:28941882-28941915,28942362-28942414;2R:+:28941882-28941915,28942362-28942414	Remaining organs	3	4
4033	JHU_Ag_32660	YLQQNHAIWAASHGSYANVASAFNNVLAR	96	AGAP013255-PA,AGAP012745-PA	Splice junction,Splice junction	2R:+:42092733-42092767,42092836-42092887;UNKN:-:26432931-26433036,26432528-26432777	Midgut	5	6
4034	JHU_Ag_10435	YLQQNHANWAASHGSYTNVASAFNNVLAR	153	AGAP013393-PA,AGAP013188-PA	Splice junction,Splice junction	2R:+:42072962-42072996,42073068-42073119;2R:+:42097774-42097808,42097880-42097931	Midgut	6	7
4035	JHU_Ag_48889	YLQSYILSELGHR	57	AGAP000534-PA	Splice junction	X:+:9559392-9559402,9563999-9564026	Ovary	3	4
4036	JHU_Ag_81971	YLSALPAIAVVNNVLK	125	AGAP000440-PA	Splice junction	X:+:7775823-7775843,7777893-7777919	Midgut	3	4
4037	JHU_Ag_34009	YLVPIGYDANLIVSSLSSDGVLTVTAPR	104	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	Splice junction,Splice junction,Splice junction	2L:-:43605767-43606130,43604955-43605032;2L:-:43605767-43606130,43605003-43605032;2L:-:43605767-43606130,43604951-43605032	Remaining organs	1	2
4038	JHU_Ag_51964	YMDDSGLKVDEVVR	132	AGAP008278-PA	Splice junction	3R:+:8544831-8544854,8544914-8544931	Salivary gland	3	4
4039	JHU_Ag_31020	YMFLGYLHNPEATANALTEDGFFR	129	AGAP009159-PA	Splice junction	3R:-:27778273-27778795,27777760-27778121	Malpighian tubule	2	3
4040	JHU_Ag_23644	YMILNPK	44	AGAP010147-PK	Splice junction	3R:+:49471331-49471351	Head	8	9
4041	JHU_Ag_71	YMLPNGHDPNDVVSTLSSDGVLTVTAPK	125	AGAP007162-PB	Splice junction	2L:-:43612754-43613040,43612502-43612610	Head	2	3
4042	JHU_Ag_105498	YMMLPNQVWDDIISQATK	115	AGAP009929-PA	Splice junction	3R:-:45419582-45419663,45419091-45419436	Ovary	3	4
4043	JHU_Ag_26933	YNDFAQVAEFFDYYK	108	AGAP005767-PA,AGAP005766-PA	Splice junction,Splice junction	2L:-:20383625-20383747,20383384-20383495;2L:-:20377956-20378078,20377754-20377826	Larva	2	3
4044	JHU_Ag_59766	YNESTAGKLLEQINICGPVK	136	AGAP003869-PA	Splice junction	2R:-:44714557-44714626,44706323-44706691	Malpighian tubule	2	3
4045	JHU_Ag_80174	YNESYTSGR	62	AGAP001952-PA	Splice junction	2R:-:12782224-12782425,12780685-12782116	Male reproductive organs	1	2
4046	JHU_Ag_110060	YNHDYPAALEIVASGYVDVKPLVSHHFDLQDVHEAFR	49	AGAP003581-PA	Splice junction	2R:-:40336036-40336933,40335765-40335849	Midgut	1	2
4047	JHU_Ag_25065	YNIEKDIAAYIK	106	AGAP001335-PA	Splice junction	2R:+:3266315-3266329,3281631-3281651	Remaining organs	1	2
4048	JHU_Ag_84632	YNQNDWTR	56	AGAP009602-PA	Splice junction	3R:+:36954307-36954318,36954450-36954461	Malpighian tubule	2	3
4049	JHU_Ag_82061	YNSEGNDPDAIPDSFMR	36	AGAP005175-PA	Splice junction	2L:+:11399948-11399952,11400038-11400083	Malpighian tubule	3	4
4050	JHU_Ag_47444	YNTIVFIDPR	52	AGAP010896-PA	Splice junction	3L:+:12766303-12766311,12766383-12766403	Midgut	1	2
4051	JHU_Ag_1656	YPAQETYDIK	63	AGAP012364-PA	Splice junction	3L:-:41120561-41120729,41119880-41120453	Male reproductive organs	1	2
4052	JHU_Ag_38501	YPDCTYCNCDVR	71	AGAP004993-PA	Splice junction	2L:+:7598025-7598040,7598105-7598124	Midgut	8	9
4053	JHU_Ag_50689	YPDGYLFWESPVQTNMK	78	AGAP008370-PA	Splice junction	3R:+:10093975-10093986,10094063-10094101	Midgut	1	2
4054	JHU_Ag_18773	YPDMILSSSR	65	AGAP010173-PA	residue overlap splice site	3R:+:49908227-49908256	Midgut	1	2
4055	JHU_Ag_58490	YPSSYSGKPIGHFTQIASDR	117	AGAP006421-PA	Splice junction	2L:+:31694357-31694376,31694455-31694494	Head	2	3
4056	JHU_Ag_80855	YPVPASNLLEDDVEDSDR	140	AGAP007821-PA	Splice junction	3R:+:1399730-1399760,1417070-1417092	Head	1	2
4057	JHU_Ag_103161	YPVPDQCDAYIECVDGEPR	84	AGAP009405-PA	Splice junction	3R:-:32316169-32316204,32315535-32316036	Head	2	3
4058	JHU_Ag_11027	YQAISNIYGVITVGQAIIFCHTR	118	AGAP003397-PA	Splice junction	2R:+:37298083-37298145,37298224-37298229	Ovary	3	4

4059	JHU_Ag_34022	YQDIEQGGFAK	49	AGAP000198-PA	Splice junction	X:+:3235665-3235683,3235756-3235769	Pupa	1	2
4060	JHU_Ag_112189	YQDLVNLSQQVHIYNQR	120	AGAP009730-PA	Splice junction	3R:-:41856177-41856398,41855408-41855773	Head	9	10
4061	JHU_Ag_35434	YQEALNTYTK	62	AGAP003052-PA	Splice junction	2R:-:31483949-31484285,31483428-31483844	Ovary	1	2
4062	JHU_Ag_97732	YQFITQSETSDFR	108	AGAP004103-PA	Splice junction	2R:+:49767299-49767314,49767380-49767402	Head	1	2
4063	JHU_Ag_74117	YQIYNDGPWR	39	AGAP000307-PA	Splice junction	X:-:5435803-5436175,5433339-5434236	Midgut	8	9
4064	JHU_Ag_54384	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	130	AGAP009595-PA	Splice junction	3R:+:36764127-36764163,36764261-36764325	Remaining organs	2	3
4065	JHU_Ag_46471	YQTPADAVCEMGEDPEVIR	88	AGAP012095-PA	Splice junction	3L:+:37623349-37623361,37623437-37623480	Head	7	8
4066	JHU_Ag_1099	YRDWGWDAVQALEK	62	AGAP000558-PA,AGAP000558-PB	Splice junction,Splice junction	X:+:9925576-9925605,9925666-9925677;X:+:9925576-9925605,9925666-9925677	Midgut	4	5
4067	JHU_Ag_52193	YREEVLLFEPGVTTYR	84	AGAP013150-PA	Splice junction	2R:+:48730221-48730225,48730314-48730356	Male reproductive organs	2	3
4068	JHU_Ag_35718	YRGHLDNISNNMFIGATNIENNEMNK	176	AGAP007852-PB	Splice junction	3R:-:2123217-2123385,2122808-2123066	Malpighian tubule	4	5
4069	JHU_Ag_8541	YSEGLPGQR	42	AGAP001065-PG	Splice junction	X:+:22328793-22328818,22328924-22328924	Ovary	1	2
4070	JHU_Ag_6471	YSFLMEYYR	63	AGAP007676-PA	Splice junction	2L:+:48944764-48944781,48944867-48944875	Midgut	1	2
4071	JHU_Ag_11194	YSFSLTTFSPSGK	93	AGAP001995-PA	Splice junction	2R:-:13319447-13319462,13319001-13319321	Remaining organs	1	2
4072	JHU_Ag_24758	YSSENIGIDGYRFEFATSDGTSR	131	AGAP006001-PA	Splice junction	2L:-:24626706-24626790,24626409-24626568	Malpighian tubule	2	3
4073	JHU_Ag_24733	YSSLSDGERQNITATMEK	35	AGAP005283-PA	Splice junction	2L:+:13626069-13626122	Pupa	4	5
4074	JHU_Ag_29618	YSSNDHTHTETHLNVEMQHSMR	77	AGAP010557-PA	Splice junction	3L:-:6370558-6370774,6370173-6370407	Larva	1	2
4075	JHU_Ag_6533	YSVWIGGSILASLSTFQQMWISK	97	AGAP005095-PA	Splice junction	X:-:11656453-11656385;2L:+:9971212-9971227,9971309-9971361	Midgut	2	3
4076	JHU_Ag_55593	YSVWIGGSILASLSTFQQMWISKEEYDESGPGIVHR	73	AGAP005095-PA	Splice junction	2L:+:9971212-9971227,9971309-9971400	Ovary	2	3
4077	JHU_Ag_11150	YSWTQTLQELELR	52	AGAP006117-PA	Splice junction	2L:+:26903656-26903688,26903782-26903787	Head	3	4
4078	JHU_Ag_12075	YSYIGGFDGTSNVLAGK	37	AGAP008516-PA	Splice junction	3R:-:11711740-11711855,11704049-11704152	Malpighian tubule	4	5
4079	JHU_Ag_42764	YSYSVIEFEGTKK	62	AGAP000704-PA	Splice junction	X:-:12622494-12623166,12622062-12622197	Midgut	3	4
4080	JHU_Ag_7079	YTCTGECVQYYLCSDNK	98	AGAP011788-PB,AGAP011788-PA	Splice junction,Splice junction	3L:-:33272419-33272638,33271519-33271987;3L:-:33272419-33272638,33271414-33271987	Pupa	1	2
4081	JHU_Ag_96404	YTCVFGGALKGPQVR	32	AGAP012045-PA	Splice junction	3L:-:36850839-36851829,36848679-36850377	Ovary	1	2
4082	JHU_Ag_64035	YTDDWFNSHGTR	56	AGAP002176-PA	Splice junction	2R:+:16907717-16907739,16907823-16907835	Midgut	5	6
4083	JHU_Ag_116813	YTLFGQVIDGFEALDELEK	111	AGAP009996-PA	Splice junction	3R:+:47428726-47428742,47428810-47428849	Ovary	1	2
4084	JHU_Ag_98048	YTMGGLDNIEMAK	43	AGAP001136-PA	Splice junction	2R:+:566537-566545,566614-566643	Male reproductive organs	2	3
4085	JHU_Ag_19434	YTTVGESNVYTLGNIGAHR	39	AGAP000321-PB,AGAP000321-PA	Splice junction,Splice junction	X:+:5708965-5708977,5710288-5710331;X:+:5708965-5708977,5710288-5710331	Ovary	5	6
4086	JHU_Ag_15994	YTVTLGGTTVSIK	49	AGAP003463-PA	Splice junction	2R:-:37965862-37966453,37965504-37965747	Midgut	1	2
4087	JHU_Ag_85762	YTYYVDEEGK	54	AGAP013481-PF,AGAP013481-PG,AGAP013481-PA	Splice junction,Splice junction,Splice junction	2R:+:20940001-20940025,20940969-20940973;2R:+:20940001-20940025,20940969-20940973;2R:+:20940001-20940025,20940969-20940973	Remaining organs	5	6
4088	JHU_Ag_66922	YTYYVDEEGKNHLASTR	132	AGAP013481-PF,AGAP013481-PG,AGAP013481-PA	Splice junction,Splice junction,Splice junction	2R:+:20940001-20940025,20940969-20940994;2R:+:20940001-20940025,20940969-20940994;2R:+:20940001-20940025,20940969-20940994	Remaining organs	5	6
4089	JHU_Ag_65464	YVECSALTQK	74	AGAP002440-PA	Splice junction	2R:-:21425407-21425578,21425189-21425276	Malpighian tubule	3	4
4090	JHU_Ag_38503	YVEYVLLDDILWR	56	AGAP013481-PF,AGAP013481-PG,AGAP013481-PA	Splice junction,Splice junction,Splice junction	2R:+:20939188-20939194,20939969-20940000;2R:+:20939188-20939194,20939969-20940000;2R:+:20939188-20939194,20939969-20940000	Remaining organs	4	5
4091	JHU_Ag_5161	YVLDYTDPAHVQNVASVGR	90	AGAP009178-PA	residue overlap splice site	3R:-:28155035-28155314,28154525-28154903	Head	3	4
4092	JHU_Ag_75056	YVLPDDHDPKDVISSLSSDGVLTIVAPK	120	AGAP007161-PA	Splice junction	2L:+:43611169-43611181,43611312-43611382	Malpighian tubule	2	3
4093	JHU_Ag_16787	YVLTAAHCLGHNDLAFVQLR	145	AGAP009218-PA	Splice junction	3R:+:28845430-28845470,28845603-28845621	Pupa	2	3

4094	JHU_Ag_19108	YVNFQEVVEFFNYYK	100	AGAP010657-PA	Splice junction	3L:-:8115760-8115882,8102799-8103129	Larva	2	3
4095	JHU_Ag_35697	YVQCFMTALGFADESGSIQR	110	AGAP008280-PA	Splice junction	3R:-:8557700-8557862,8557291-8557570	Salivary gland	1	2
4096	JHU_Ag_114047	YVVDGPKGDESNPVDGLTDQMAGLSR	83	AGAP011551-PA	residue overlap splice site	3L:+:27212125-27212202	Malpighian tubule	3	4
4097	JHU_Ag_83588	YVVSFDPLDGSSNIDCLVSIGSIFAITK	134	AGAP009173-PA	residue overlap splice site	3R:-:28118332-28118501,28117585-28118167	Ovary	2	3
4098	JHU_Ag_37015	YVVTGTSGK	45	AGAP012140-PA	residue overlap splice site	3L:+:38009260-38009286	Midgut	2	3
4099	JHU_Ag_24337	YVVVAGITPTPLGEGK	42	AGAP002830-PA	Splice junction	2R:-:28077686-28077843,28075443-28076850	Larva	6	7
4100	JHU_Ag_35555	YYDPSTCGFDFAGALEDLSK	83	AGAP009685-PA	Splice junction	3R:-:38666524-38666975,38661350-38662043	Remaining organs	2	3
4101	JHU_Ag_58797	YYENLMSELEK	31	AGAP011396-PA	Splice junction	3L:-:23662955-23663315,23661159-23662051	Head	6	7
4102	JHU_Ag_33651	YYGASTPVPDYSTENLR	88	AGAP004015-PA	Splice junction	2R:+:47878541-47878566,47878638-47878662	Larva	1	2
4103	JHU_Ag_83265	YYLMEIDR	39	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	Splice junction,Splice junction,Splice junction,Splice junction	2L:+:9742378-9742379,9742780-9742801;2L:+:9742378-9742379,9742780-9742801;2L:+:9742378-9742379,9742780-9742801;2L:+:9742378-9742379,9742780-9742801	Head	3	4
4104	JHU_Ag_5816	YYLSDLAR	35	AGAP005079-PD,AGAP005079-PK,AGAP005079-PE,AGAP005079-PF	Splice junction,Splice junction,Splice junction,Splice junction	2L:+:9742378-9742379,9743635-9743656;2L:+:9742378-9742379,9743635-9743656;2L:+:9742378-9742379,9743635-9743656;2L:+:9742378-9742379,9743635-9743656	Head	3	4
4105	JHU_Ag_30466	YYMLAANYYR	57	AGAP001651-PA	residue overlap splice site	2R:-:7309921-7310177,7309667-7309820	Male reproductive organs	3	4
4106	JHU_Ag_95697	YYSENNGLDGYKFTYELSDGQIR	98	AGAP002613-PA	Splice junction	2R:-:24143847-24143979,24143439-24143652	Malpighian tubule	1	2

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 3A. Genome search specific peptides mapping intergenic region of the VectorBase genes.

	Peptide	modification	Mascot ion score	charge	m/z	Genome co-ordinate	Peptide mapping to EST (EST)	Peptide overlapping with SNAP prediction model	Peptide also found in *Culex quinquefasciatus* protein ortholog	Peptide also found in *Aedes aegipty* protein ortholog
1	NVTRLLLTK	N-Term(Acetyl)	47	1	1099.68218	Y_unplaced:-:14977-15003	-	-	-	-
2	VEGVNGIIEQR	N5(Deamidated), Q10(Deamidated)	53	2	608.31512	X:+:985371-985403	-	-	-	-
3	LLGIINLSS	-	54	2	465.28726	X:+:9840756-9840782	-	-	-	-
4	SRLIIQQQK	N-Term(Acetyl), Q8(Deamidated)	52	1	1156.67485	X:+:9378119-9378145	-	-	-	-
5	GAGADGSGPGPSGLGR	-	71	1	1312.62334	X:+:9137811-9137858	-	SNAP_ANOPHELES00000007277	-	-
6	VQFASTVIDNER	-	81	2	689.85400	X:+:9137775-9137810	-	SNAP_ANOPHELES00000007277	-	-
7	ERPVQVELALEIVR	Q5(Deamidated)	49	1	1651.92752	X:+:8859582-8859623	-	-	-	-
8	FTLDNLTLQQSK	-	49	2	704.36768	X:+:8714305-8714340	-	-	-	-
9	LVLAGAARR	-	56	2	463.79242	X:+:8013665-8013691	-	-	-	-
10	ISTLVFCR	C7(Carbamidomethyl)	45	2	498.26624	X:+:7528910-7528933	-	-	-	-
11	MLDSVIT	M1(Oxidation)	55	2	397.70630	X:+:7424878-7424898	-	-	-	-
12	VLEIGQEQLR	Q6(Deamidated), Q8(Deamidated)	60	2	593.81903	X:+:7411312-7411341	-	-	-	-
13	VGITNVIK	N5(Deamidated)	53	1	844.51489	X:+:6680917-6680940	-	-	-	-
14	LASLKTVASWPAR	-	62	1	1399.79363	X:+:6102937-6102975	-	-	-	-
15	GECVCIPECPPETDPR	C3(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	45	2	958.40369	X:+:5410299-5410346	BX031540;BM636147; BX035784;BM646984; BX007267;BM633323; BM609284;BM583570; BX602317;BM610010; BM595584;BM638814; BM582879;BX468973; BM630464;BM647344; BM609240;BM640555; BM597456;BX024386; BM601398;BX466416; BM576537	SNAP_ANOPHELES00000021833	-	-
16	LIPLINR	N6(Deamidated)	43	1	839.53740	X:+:5059887-5059907	-	-	-	-
17	CLIDDFYGR	C1(Carbamidomethyl)	51	2	579.76129	X:+:4970062-4970088	-	-	-	-
18	VVLKTTLLK	N-Term(Acetyl)	35	1	1056.69499	X:+:4881779-4881805	-	-	-	-
19	AKLQQLQR	Q4(Deamidated), Q5(Deamidated), Q7(Deamidated)	54	1	987.54723	X:+:4593496-4593519	ncbi_AJ280463;BM648375;AJ280463;BX624546	-	-	-
20	LHGNATIK	-	50	1	853.48676	X:+:4401647-4401670	-	-	-	-
21	IIHLNQSLLDQTSRSK	N5(Deamidated)	50	1	1853.98020	X:+:4349328-4349375	-	-	-	-
22	APLELVQR	-	68	2	463.27579	X:+:3921625-3921648	-	-	-	-
23	WNFGNGNFEQMSLGLGTKPHDR	N-Term(Acetyl), N2(Deamidated), N5(Deamidated), N7(Deamidated), M11(Oxidation)	44	1	2566.16875	X:+:3111979-3112044	-	-	-	-
24	RLLLTISIR	-	40	1	1084.70989	X:+:19868107-19868133	-	-	-	-
25	LMLLLRFK	M2(Oxidation)	41	1	1049.65215	X:+:19664560-19664583	-	-	-	-
26	LHAIISNR	-	50	1	923.54277	X:+:19522515-19522538	-	-	-	-
27	IIIIEVRK	-	42	1	983.66277	X:+:19431407-19431430	-	-	-	-
28	RSGMLIVVK	-	50	2	501.80292	X:+:1925087-1925113	-	-	-	-
29	NIIQEKLEQQK	Q4(Deamidated), Q10(Deamidated)	55	1	1372.73039	X:+:19162697-19162729	-	-	-	-
30	NIIQEKLEQQK	Q4(Deamidated), Q9(Deamidated)	55	1	1372.73039	X:+:19162697-19162729	-	-	-	-

31	NIIQEKLEQQK	N-Term(Acetyl), Q4(Deamidated), Q9(Deamidated)	56	1	1414.74089	X:+:19162697-19162729	-	-	-	-
32	NIIQEKLEQQK	N-Term(Acetyl), Q4(Deamidated), Q10(Deamidated)	56	1	1414.74089	X:+:19162697-19162729	-	-	-	-
33	QRDNLITYK	Q1(Deamidated), N4(Deamidated)	48	1	1152.57800	X:+:18777117-18777143	CR528033;BX608996	-	-	-
34	VILPLLIR	-	30	1	936.65961	X:+:18457426-18457449	-	-	-	-
35	LNNNIIISR	N3(Deamidated)	54	2	529.30664	X:+:18436726-18436752	-	-	-	-
36	LNNNIIISR	N2(Deamidated)	54	2	529.30664	X:+:18436726-18436752	-	-	-	-
37	NISFNAENVVQATK	Q11(Deamidated)	58	1	1535.77898	X:+:17735141-17735182	-	-	-	-
38	FLPTFTAAHLR	-	49	1	1273.71440	X:+:17639614-17639646	-	-	-	-
39	RPDTLIRPP	-	53	1	1064.61296	X:+:17510709-17510735	-	-	-	-
40	LPIAVLK	-	51	2	377.26556	X:+:1726146-1726166	-	-	-	-
41	AVLVGTLK	-	40	1	800.52356	X:+:15945443-15945466	-	-	-	-
42	SALGAQLQQLR	N-Term(Acetyl), Q6(Deamidated)	61	2	614.34021	X:+:15815956-15815988	-	-	-	-
43	ISILQIFR	-	66	2	495.31250	X:+:15145314-15145337	-	-	-	-
44	LVLAAAAAAR	-	53	1	926.57750	X:+:13559555-13559584	-	-	-	-
45	LTNQQLNERATHNHHI	N3(Deamidated), Q5(Deamidated), N13(Deamidated)	47	1	1928.92179	X:+:13423280-13423327	-	-	-	-
46	LTNQQLNERATHNHHI	N3(Deamidated), Q5(Deamidated), N7(Deamidated)	47	1	1928.92179	X:+:13423280-13423327	-	-	-	-
47	ILLEPGIAR	-	55	2	491.30386	X:+:13231675-13231701	-	-	-	-
48	CLENILLITN	N-Term(Acetyl), C1(Carbamidomethyl), N4(Deamidated), N10(Deamidated)	50	1	1246.61711	X:+:13016932-13016961	-	-	-	-
49	NLFLNLNK	N5(Deamidated), N7(Deamidated)	52	1	977.53204	X:+:12430288-12430311	-	-	-	-
50	YPFQNVLRNMNNIINNLFK	M10(Oxidation), N11(Deamidated), N12(Deamidated), N15(Deamidated)	59	1	2371.15830	X:+:12373216-12373272	-	-	-	-
51	MVALLGSLLQ	M1(Oxidation)	51	2	530.80542	X:+:12368439-12368468	-	-	-	-
52	FDECSALTKK	C4(Carbamidomethyl)	65	1	1198.57878	X:+:12169941-12169970	-	-	-	-
53	IGQLAAR	-	52	2	364.72446	X:+:12161501-12161521	AL693339	-	-	-
54	FMNLTNRNSDLLIVFK	N6(Deamidated), N8(Deamidated)	50	1	1927.02756	X:+:12004366-12004413	-	-	-	-
55	APAGQPLR	-	68	2	405.23651	X:+:11980552-11980575	-	-	-	-
56	KEQQEVQGK	Q7(Deamidated)	51	1	1074.54241	X:+:11978943-11978969	-	-	-	-
57	LVSLDFQPKPR	Q7(Deamidated)	51	1	1300.71050	X:-:9570702-9570670	-	-	-	-
58	IIIIWVVK	-	42	1	983.66277	X:-:9278065-9278042	CR525494;BX625431	-	-	-
59	NTLCGGFLALILIAMMK	N1(Deamidated), C4(Carbamidomethyl), M15(Oxidation), M16(Oxidation)	53	1	1898.99636	X:-:9201708-9201658	-	-	-	-
60	YAILQQQQK	Q6(Deamidated), Q7(Deamidated)	52	1	1121.58501	X:-:8723144-8723118	-	-	-	-
61	YAILQQQQK	Q6(Deamidated), Q8(Deamidated)	52	1	1121.58501	X:-:8723144-8723118	-	-	-	-
62	QAVLATSKPR	-	54	1	1070.63152	X:-:8479437-8479408	-	-	-	-
63	RGAADIAR	-	52	2	415.23572	X:-:8213681-8213658	-	-	-	-
64	ILLIQVQIK	Q5(Deamidated), Q7(Deamidated)	53	1	1069.69780	X:-:7583297-7583271	-	-	-	-
65	QGLLSPR	-	53	2	385.72919	X:-:7564411-7564391	-	-	-	-
66	TSFLDTDSSTEEGGTVVQTR	-	58	2	1065.49402	X:-:7408852-7408793	-	SNAP_ANOPHELES00000011748	-	-
67	VSVHPVPAPTPTEVPFKPSPDGEFVSYK	-	99	1	3008.53580	X:-:7408792-7408709	-	SNAP_ANOPHELES00000011748	-	-

68	ELQEAEVR	Q3(Deamidated)	41	1	974.47809	X:-:6784876-6784853	-	-	-	-
69	LLAPERPK	-	42	1	923.56621	X:-:6780799-6780776	-	-	-	-
70	VHYKMLNSLVLQLLK	N7(Deamidated), Q12(Deamidated)	46	1	1801.00322	X:-:6695902-6695858	-	-	-	-
71	IISSLAEGK	-	54	1	917.53172	X:-:6036751-6036725	-	-	-	-
72	MLLVNQPFVALPERYVLFIAYF	M1(Oxidation), N5(Deamidated)	44	1	2660.45205	X:-:6012924-6012859	-	-	-	-
73	HLENNIDR	N4(Deamidated), N5(Deamidated)	54	1	1012.46935	X:-:4776158-4776135	-	-	-	-
74	ISETCLLHRSLLSIIK	C5(Carbamidomethyl)	42	1	1883.07529	X:-:4502484-4502437	-	-	-	-
75	YGNINRP	N3(Deamidated)	54	2	417.71075	X:-:4028100-4028080	-	-	-	-
76	VSSQSSVSLPK	N-Term(Acetyl), Q4(Deamidated)	56	1	1161.59270	X:-:3648412-3648380	-	-	-	-
77	SNLTILHSQYVK	-	63	1	1402.77056	X:-:3359187-3359152	-	-	-	-
78	RLQNGNQLQLK	Q3(Deamidated), N4(Deamidated)	63	1	1313.72112	X:-:2888351-2888319	-	-	-	-
79	RLQNGNQLQLK	N4(Deamidated), N6(Deamidated)	54	2	657.36420	X:-:2888351-2888319	-	-	-	-
80	NVLSRFIASLTILIILHCR	N-Term(Acetyl), C18(Carbamidomethyl)	30	1	2281.32694	X:-:24265381-24265325	-	-	-	-
81	LLQIINQK	-	45	1	969.60716	X:-:24255784-24255761	-	-	-	-
82	KIIITINIK	N7(Deamidated)	41	1	1056.71501	X:-:20821844-20821818	-	-	-	-
83	KLLIEVTIK	-	41	1	1056.71501	X:-:19909764-19909738	-	-	-	-
84	QDINNIIK	Q1(Deamidated), N5(Deamidated)	54	1	959.50452	X:-:19818626-19818603	-	-	-	-
85	VAEAAYER	-	46	2	454.72745	X:-:19607435-19607412	-	-	-	-
86	QLINNLEPVQKCR	Q1(Deamidated), N5(Deamidated), C12(Carbamidomethyl)	54	1	1613.85283	X:-:19476628-19476590	-	-	-	-
87	NEPDKVSHCTILISNR	C9(Carbamidomethyl), N15(Deamidated)	56	2	942.46594	X:-:19079517-19079470	-	-	-	-
88	RITILAQK	Q7(Deamidated)	46	1	943.58582	X:-:16436019-16435996	BM631511	-	-	-
89	NNSKNINLVK	N-Term(Acetyl), N7(Deamidated)	55	1	1186.63342	X:-:16279474-16279445	-	-	-	-
90	EIMLVIKQTLLK	N-Term(Acetyl), M3(Oxidation)	50	1	1486.89775	X:-:16001661-16001626	-	-	-	-
91	LLLQLLLGLWFR	Q4(Deamidated)	38	1	1485.93766	X:-:15871559-15871524	BM589149;BM600308; BM641624	-	-	-
92	NILILEFNRK	-	47	1	1259.73357	X:-:15101475-15101446	-	-	-	-
93	LQEAGNHLR	Q2(Deamidated), N6(Deamidated)	53	1	1039.51494	X:-:14317565-14317539	-	-	-	-
94	TTISIQCR	Q6(Deamidated), C7(Carbamidomethyl)	68	2	490.24753	X:-:13802097-13802074	-	-	-	-
95	TSINRYARPGATK	-	45	1	1434.78227	X:-:13389904-13389866	-	-	-	-
96	FIIILGAFR	-	41	1	1049.65215	X:-:13282852-13282826	-	-	-	-
97	HHVLDVGVDALGK	-	50	1	1359.73528	X:-:12563178-12563140	BM621818	-	-	-
98	AVLELLLWLLFFVR	N-Term(Acetyl)	40	1	1774.07876	X:-:12296885-12296844	-	-	-	-
99	RLLILLNTK	N7(Deamidated)	40	1	1084.70989	X:-:11602737-11602711	BX068481;BX068482	-	-	-
100	QQQQTAAQAQK	Q2(Deamidated), Q3(Deamidated), Q8(Deamidated), Q10(Deamidated)	58	1	1233.55266	X:-:11197860-11197828	-	-	-	-
101	RLLLTLSLR	-	40	1	1084.70989	X:-:10773285-10773259	-	-	-	-
102	FTKPNTNLLAQNN	Q11(Deamidated), N12(Deamidated)	60	1	1476.74297	X:-:10769837-10769799	-	-	-	-
103	QNSGSMIAAIR	-	57	1	1147.59355	X:-:10098836-10098804	BM609407;BX015808; BX021327;BX024332; BX021371	-	-	-
104	VLHAVALR	-	47	1	878.56012	UNKN:-:9269471-9269448	-	-	-	-
105	LQLIQGAR	-	49	2	449.77719	UNKN:-:8724268-8724245	-	-	-	-
106	STKLLHNVR	-	59	1	1067.63623	UNKN:-:8533203-8533229	-	-	-	-
107	LLLPLTQR	-	41	2	477.30536	UNKN:-:8205472-8205495	-	-	-	-

108	VAILLTLR	-	42	1	898.59715	UNKN:-:7359371-7359394	-	-	-	-
109	ENDITIQALLGALNR	N2(Deamidated)	55	1	1641.86917	UNKN:-:7282517-7282561	-	-	-	-
110	AIVNAGDFPADVK	-	86	2	658.84375	UNKN:-:5880008-5880046	BM608044;AL693014;BM639592;ncbi_BM639592;BX069853;BM612369	-	-	-
111	LVLVEHSSCTK	C9(Carbamidomethyl)	83	1	1272.66167	UNKN:-:5498603-5498635	BM607715;BM614771;BM595118;BM651096;BM590749;BM656018;BM651840	-	-	-
112	KLVLVEHSSCTK	C10(Carbamidomethyl)	92	1	1400.75578	UNKN:-:5498600-5498635	BM607715;BM614771;BM595118;BM651096;BM590749;BM656018;BM651840	-	-	-
113	VLPALDGK	-	49	1	812.48810	UNKN:-:5396551-5396574	-	-	-	-
114	NLDIQDVANELK	N9(Deamidated)	57	1	1372.69536	UNKN:-:41334016-41334051	-	-	-	-
115	LTALTGEFGDMR	M11(Oxidation)	73	2	663.82153	UNKN:-:41056773-41056738	-	SNAP_ANOPHELES00000014424	-	-
116	LSILPYRK	-	42	1	989.61388	UNKN:-:40981057-40981034	-	-	-	-
117	TIQYATFPLEGENVK	-	72	1	1709.87969	UNKN:-:40915412-40915368	AJ282095	SNAP_ANOPHELES00000014414	-	-
118	IIIKTPGFYK	-	40	1	1179.70978	UNKN:-:40666749-40666720	-		- -	-
119	IPILLGK	-	32	1	753.52342	UNKN:-:40621972-40621952	-	-	-	-
120	GQNLEVGLK	N3(Deamidated)	56	1	958.51855	UNKN:-:39531478-39531452	-	-	-	-
121	GQNLEVGLK	Q2(Deamidated)	56	1	958.51855	UNKN:-:39531478-39531452	-	-	-	-
122	DILQIFDLAEEVK	-	104	1	1532.82744	UNKN:-:39518848-39518810	-	-	-	-
123	LSSSQTIEIETR	-	84	2	682.35791	UNKN:-:39121297-39121262	-	SNAP_ANOPHELES00000011050	-	-
124	STELILR	-	70	2	416.25067	UNKN:-:38636790-38636770	-	-	-	-
125	ENNKSLIL	-	55	1	930.51854	UNKN:-:38333779-38333756	-	-	-	-
126	IENDLLPYMQLAQNTEPR	N3(Deamidated), Q10(Deamidated), Q13(Deamidated)	50	1	2148.00565	UNKN:-:38214680-38214733	-		- -	-
127	IENDLLPYMQLAQNTEPR	N3(Deamidated), Q13(Deamidated), N14(Deamidated)	50	1	2148.00565	UNKN:-:38214680-38214733	-		- -	-
128	IENDLLPYMQLAQNTEPR	N3(Deamidated), Q10(Deamidated), N14(Deamidated)	50	1	2148.00565	UNKN:-:38214680-38214733	-		- -	-
129	SIQILYK	Q3(Deamidated)	51	1	865.50262	UNKN:-:38087732-38087752	-	-	-	-
130	YAIATTTAPQPQAAVYVR	-	102	1	1921.01567	UNKN:-:37986162-37986215	-		- -	-
131	AVLESAGVHDVLSK	-	84	2	712.89459	UNKN:-:37912744-37912785	-	-	-	-
132	NSVGEENFAWIVEHAAK	-	56	2	950.96472	UNKN:-:37901888-37901838	-	-	-	-
133	RTPTAIITDILSVDEPAPEPNHHLATR	-	87	1	2964.55971	UNKN:-:37367336-37367256	-	SNAP_ANOPHELES00000003897	-	-
134	TPTAIITDILSVDEPAPEPNHHLATR	-	168	1	2808.45957	UNKN:-:37367333-37367256	-	SNAP_ANOPHELES00000003897	-	-
135	TPTAIITDILSVDEPAPEPNHHLATR	N20(Deamidated)	141	1	2809.44303	UNKN:-:37367333-37367256	-	SNAP_ANOPHELES00000003897	-	-
136	FYQKPGSDEYTAEK	-	102	1	1662.76616	UNKN:-:37132534-37132575	BX607599;BM613059	-	-	-
137	ENQGYVGCAFYANVYR	C8(Carbamidomethyl)	113	1	1910.85637	UNKN:-:37132486-37132533	CR534035;BX607599;BM613059	-	-	-

138	FLHNPRENQGYVGCAFYANVYR	C14(Carbamidomethyl)	70	1	2675.26528	UNKN:-:37132468-37132533	CR534035;BX607599;BM613059	-	-	-
139	ILQQLIAFR	Q3(Deamidated), Q4(Deamidated)	53	1	1103.63542	UNKN:-:36358810-36358836	-	-	-	-
140	LSVSFLNARGMLVK	-	49	1	1534.88188	UNKN:-:36145705-36145664	-	-	-	-
141	TIINLNENK	N4(Deamidated), N8(Deamidated)	54	1	1060.56316	UNKN:-:33551730-33551704	-	-	-	-
142	TIINLNENK	N4(Deamidated), N6(Deamidated)	67	1	1060.56328	UNKN:-:33551730-33551704	-	-	-	-
143	FADLYEELGIFSHR	-	98	1	1696.84270	UNKN:-:32944240-32944199	-	-	-	-
144	LIEQIIK	-	47	1	856.55107	UNKN:-:32802778-32802798	-	-	-	-
145	LIIFYIVK	-	41	1	1008.63921	UNKN:-:32515530-32515507	-	-	-	-
146	APTAGTIYIEAPTSK	-	58	2	760.40381	UNKN:-:31624945-31624989	BX031731	-	-	-
147	NFLHSKVQQEGGR	-	62	1	1499.75937	UNKN:-:30954529-30954491	-	-	-	-
148	KNLLLLNSQIK	Q9(Deamidated)	39	1	1284.77934	UNKN:-:30928949-30928917	-	-	-	-
149	KNLLLLNSQIK	N7(Deamidated)	39	1	1284.77934	UNKN:-:30928949-30928917	-	-	-	-
150	AGSPLSDGSVTPDDILSIK	-	86	2	936.48956	UNKN:-:30440507-30440451	-	-	-	-
151	SPVRTVLQNIER	Q8(Deamidated), N9(Deamidated)	50	1	1413.77312	UNKN:-:30172362-30172397	-	-	-	-
152	LTLAYPIDTLTGK	-	50	1	1405.79521	UNKN:-:29919219-29919181	-	SNAP_ANOPHELES00000007289	-	-
153	AGDPVALVVNR	-	86	2	555.81726	UNKN:-:29325603-29325571	GO935119	SNAP_ANOPHELES00000018544	CPIJ007311-PA	AAEL000581-PA
154	LLLKFIFATN	-	40	1	1179.70978	UNKN:-:29106918-29106889	-	-	-	-
155	IENQTNLPR	Q4(Deamidated), N6(Deamidated)	66	2	543.77496	UNKN:-:28608638-28608664	-	-	-	-
156	LLVLLNQL	-	52	2	463.31357	UNKN:-:26941168-26941191	-	-	-	-
157	SGTLTYEAADQVVR	-	84	2	755.38171	UNKN:-:26940957-26940998	-	-	-	-
158	DIEGVVVTALGIK	-	104	2	657.38922	UNKN:-:25725162-25725200	-	-	-	-
159	IILLEISLR	-	59	2	535.35242	UNKN:-:25722926-25722952	-	-	-	-
160	IILLEISLR	N-Term(Acetyl)	51	1	1111.71037	UNKN:-:25722926-25722952	-	-	-	-
161	ILIVPLK	-	31	1	795.57060	UNKN:-:24395674-24395654	-	-	-	-
162	NALLQLLR	-	54	2	470.80042	UNKN:-:24029120-24029097	-	-	-	-
163	IKEILDIEVFK	-	45	1	1346.79289	UNKN:-:23522075-23522043	-	-	-	-
164	INTFSLIIQIK	-	46	1	1289.78308	UNKN:-:22703639-22703607	-	-	-	-
165	IIIIQKIFINLR	Q5(Deamidated), N10(Deamidated)	38	1	1485.93766	UNKN:-:21535173-21535138	-	-	-	-
166	YYVFSSAQNPK	Q8(Deamidated), N9(Deamidated)	49	1	1305.61333	UNKN:-:20323452-20323420	-	-	-	-
167	IGAIAPK	-	40	1	669.42859	UNKN:-:20179242-20179222	-		- -	-
168	WADLVVR	-	59	2	429.74469	UNKN:-:19299753-19299733	-	-	-	-
169	ASILLIIRNNR	N10(Deamidated)	51	1	1283.77934	UNKN:-:18880081-18880049	-	-	-	-
170	ASILLIIRNNR	N9(Deamidated)	51	1	1283.77934	UNKN:-:18880081-18880049	-	-	-	-

171	INLDYILINQYAFLKGE	-	46	1	2027.08536	UNKN:-:18339279-18339329	-	-	-	-
172	KLSASELVDLAPLATEPGNDLISTVQER	-	52	1	2966.56986	UNKN:-:16797777-16797860	-	-	-	-
173	HHAGGMNMITACGW	N-Term(Acetyl), M6(Oxidation), N7(Deamidated), M8(Oxidation), C12(Carbamidomethyl)	47	1	1617.63494	UNKN:-:15434757-15434798	-	-	-	-
174	LISESDNIPQTNTITNSK	-	52	1	1974.97904	UNKN:-:14539267-14539320	-	-	-	-
175	VPKFAAIQR	Q8(Deamidated)	48	1	1030.60552	UNKN:-:14100568-14100542	-	-	-	-
176	LRIIHAK	-	42	1	850.56182	UNKN:-:12751814-12751834	-	-	-	-
177	GIIPLIK	-	29	1	753.52295	UNKN:-:12406067-12406047	-	-	-	-
178	ILTGLTDLR	-	66	2	501.30499	UNKN:-:11811205-11811179	BX622741	SNAP_ANOPHELES00000020529	-	-
179	HLTIASFELLKNPLPIK	N12(Deamidated)	40	1	1935.14739	UNKN:-:11794880-11794930	-	-	-	-
180	KISIMLLAAK	M5(Oxidation)	39	1	1103.69638	UNKN:-:11579527-11579498	-	-	-	-
181	QIKIDEVLR	-	52	1	1113.66631	3R:+:9995348-9995374	-	-	-	-
182	AFNSTNGEHASFPQKSMCD	N-Term(Acetyl), N3(Deamidated), M17(Oxidation), C18(Carbamidomethyl)	39	1	2186.88443	3R:+:9903146-9903202	-	-	-	-
183	SAAQLIIR	-	59	2	436.27371	3R:+:9642749-9642772	-	-	-	-
184	KLIIQFR	Q5(Deamidated)	42	1	918.58025	3R:+:9422720-9422740	-	-	-	-
185	LAAPADEGAWR	-	60	1	1156.57781	3R:+:8351573-8351605	-	-	-	-
186	VYVQLGAR	-	50	1	905.51775	3R:+:8270907-8270930	-	-	-	-
187	GKVPLVFQAELIK	-	45	1	1441.87432	3R:+:8037032-8037070	-	-	-	-
188	TISYAANLLR	-	64	1	1121.61907	3R:+:8015010-8015039	-	-	-	-
189	MAQVLAKVAIDGVR	M1(Oxidation), Q3(Deamidated)	52	1	1487.81157	3R:+:7903985-7904026	-	-	-	-
190	MAQVLAKVAIDGVR	M1(Oxidation)	69	1	1486.82610	3R:+:7903985-7904026	-	-	-	-
191	TPFPSLRR	-	55	2	487.27737	3R:+:7528679-7528702	-	-	-	-
192	KESNSGLVLLAEQLK	N-Term(Acetyl)	49	1	1670.93332	3R:+:7214839-7214883	-	-	-	-
193	SNGMPIGSGRTR	-	64	1	1232.60344	3R:+:7169710-7169745	-	-	-	-
194	AFASLDQASTLIK	-	109	2	682.87665	3R:+:6398342-6398380	-	SNAP_ANOPHELES00000021059	-	-
195	IPLLGIK	-	39	1	753.52403	3R:+:6358978-6358998	-	-	-	-
196	NGMAILHQISQK	M3(Oxidation), Q8(Deamidated), Q11(Deamidated)	50	1	1357.69744	3R:+:550353-550388	-	-	-	-
197	VITTGTITRPYFK	-	59	2	748.92725	3R:+:5382323-5382361	BM627946	SNAP_ANOPHELES00000008582	-	-
198	TDTITSNVNRPVPPTTVGITK	-	80	1	2211.19846	3R:+:5381656-5381718	-	SNAP_ANOPHELES00000008582	-	-
199	TFGTQGAVAQPAVIAGSSR	-	70	2	909.48297	3R:+:5381416-5381472	-	SNAP_ANOPHELES00000008582	-	-
200	LHSLDSEVEK	-	64	1	1156.57939	3R:+:52104552-52104581	-	-	-	-
201	LSAMQAHHCSSEGALTSLEEAIGDK	M4(Oxidation), C9(Carbamidomethyl)	131	1	2658.21164	3R:+:52104372-52104446	-	SNAP_ANOPHELES00000004581	-	-
202	IAICYNNSQNNNEINK	C4(Carbamidomethyl), N7(Deamidated)	52	1	1909.87827	3R:+:51252079-51252126	-	-	-	-
203	SPALLLKQQSAQYLAAR	Q9(Deamidated)	47	1	1859.02988	3R:+:50644632-50644682	-	-	-	-
204	SPALLLKQQSAQYLAAR	Q8(Deamidated)	47	1	1859.02988	3R:+:50644632-50644682	-	-	-	-
205	SPALLLKQQSAQYLAAR	Q12(Deamidated)	47	1	1859.02988	3R:+:50644632-50644682	-	-	-	-
206	LGLQLVQK	-	42	1	898.57359	3R:+:50102623-50102646	-	-	-	-
207	KVIFQLR	-	46	2	452.29196	3R:+:4968993-4969013	-	-	-	-
208	NGTVIVR	N1(Deamidated)	58	2	380.22318	3R:+:49438300-49438320	-	-	-	-

209	KNIWLPLIQK	N-Term(Acetyl), N2(Deamidated), Q9(Deamidated)	58	1	1296.75456	3R:+:49351529-49351558	-	-	-	-
210	HPPPPPPIRPK	-	58	1	1232.72724	3R:+:48596523-48596555	-	SNAP_ANOPHELES00000019069	-	-
211	GHVLNDIPEK	-	61	2	561.30011	3R:+:48268437-48268466	CR527087;CR535180;BX623303	SNAP_ANOPHELES00000002245	-	-
212	DSITEGEEENYK	-	104	1	1413.60369	3R:+:48268374-48268409	CR527087;CR535180;BM598069;BX623303	SNAP_ANOPHELES00000002245	-	-
213	RPVCSCQPNFIGSPPACRPECVLSSECPQDK	C4(Carbamidomethyl), C6(Carbamidomethyl), C17(Carbamidomethyl), C21(Carbamidomethyl), C27(Carbamidomethyl)	50	1	3632.62124	3R:+:47881659-47881751	GO935184	SNAP_ANOPHELES00000003869	-	-
214	NPCDPSPCGPNSICQVR	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	76	1	1957.83647	3R:+:47881602-47881652	-	SNAP_ANOPHELES00000003869	-	-
215	CADPCPGTCGVGAR	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	58	2	739.30341	3R:+:47881452-47881493	-	SNAP_ANOPHELES00000003869	-	-
216	TTPDGYAICSCLPGYR	C9(Carbamidomethyl), C11(Carbamidomethyl)	87	1	1830.82048	3R:+:47881326-47881373	-	SNAP_ANOPHELES00000003869	-	-
217	NYYGDPLIGCRPECVVNTDCPISK	C10(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	102	1	2827.28904	3R:+:47881047-47881118	-	SNAP_ANOPHELES00000003869	-	-
218	DPCPGSCGYNALCTVER	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl)	128	1	1955.80449	3R:+:47880837-47880887	-	SNAP_ANOPHELES00000003869	-	-
219	EQCYCKPNFIGDPYGGCVEQPR	C3(Carbamidomethyl), C5(Carbamidomethyl), C17(Carbamidomethyl)	112	1	2674.15061	3R:+:47879949-47880014	-	SNAP_ANOPHELES00000003869	-	-
220	NPVCYCPDSMIGNPYR	C4(Carbamidomethyl), C6(Carbamidomethyl), M10(Oxidation)	91	2	979.91290	3R:+:47879814-47879861	-	SNAP_ANOPHELES00000003869	-	-
221	NPVCYCPDSMIGNPYR	C4(Carbamidomethyl), C6(Carbamidomethyl)	120	1	1942.82903	3R:+:47879814-47879861	-	SNAP_ANOPHELES00000003869	-	-
222	GCVEPSSPCDPNPCGFGAICDATR	C2(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	51	2	1312.53687	3R:+:47879742-47879813	-	SNAP_ANOPHELES00000003869	-	-
223	CTCVPGYIESPNTIR	C1(Carbamidomethyl), C3(Carbamidomethyl)	71	1	1766.82585	3R:+:47879697-47879741	GO935185	SNAP_ANOPHELES00000003869	-	-
224	QCNDNEACIQGR	C2(Carbamidomethyl), C8(Carbamidomethyl)	64	2	732.80267	3R:+:47879135-47879170	-	-	-	-
225	AGYVGNAYIECTQHQGCLSDR	C11(Carbamidomethyl), C17(Carbamidomethyl)	104	1	2399.05533	3R:+:47879072-47879134	-	-	-	-
226	ICINPCQADSCGDNAECFAVNHGIDCR	C2(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl), C26(Carbamidomethyl)	153	1	3153.27280	3R:+:47878985-47879065	-	-	-	-
227	ASDCAGGLICDGCNCVQK	C4(Carbamidomethyl), C10(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	101	1	1984.79875	3R:+:47866148-47866201	-	-	-	-
228	SGNPCDIGEECEVQNHETVCVK	C5(Carbamidomethyl), C11(Carbamidomethyl), C20(Carbamidomethyl)	59	1	2561.07309	3R:+:47865985-47866050	-	-	-	-
229	SCINGICVDPCR	C2(Carbamidomethyl), C7(Carbamidomethyl), C11(Carbamidomethyl)	61	2	725.81543	3R:+:47865949-47865984	-	-	-	-
230	SCINGICVDPCR	C2(Carbamidomethyl), N4(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl)	74	1	1451.60796	3R:+:47865949-47865984	-	-	-	-

231	HSNECPLER	C5(Carbamidomethyl)	52	1	1141.50005	3R:+:47865922-47865948	-	-	-	-
232	NYQCVNPCETTTCAEDTPCYV EDHKPICK	C4(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl), C28(Carbamidomethyl)	99	1	3589.48818	3R:+:47861569-47861655	-	SNAP_ANOPHELES00000 003867	-	-
233	DSGCPDELACR	C4(Carbamidomethyl), C10(Carbamidomethyl)	87	1	1279.50554	3R:+:47861536-47861568	-	SNAP_ANOPHELES00000 003867	-	-
234	ECFGDDGCASNMACLDGR	C2(Carbamidomethyl), C8(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl)	59	2	1025.87085	3R:+:47861347-47861400	-	SNAP_ANOPHELES00000 003867	-	-
235	IVSVACETNGDCHESLR	C6(Carbamidomethyl), C12(Carbamidomethyl)	77	1	1946.86814	3R:+:47861131-47861181	-	SNAP_ANOPHELES00000 003867	-	-
236	GACGDNALCQTVLHRPR	C3(Carbamidomethyl), C9(Carbamidomethyl)	67	1	1924.92624	3R:+:47860981-47861031	-	SNAP_ANOPHELES00000 003867	CPIJ015315-PA	AAEL012908-PA
237	DDCEQYACGTNAVCR	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	122	1	1818.69109	3R:+:47857795-47857839	-	SNAP_ANOPHELES00000 003867	-	-
238	LCDGTSDCYMGSDELR	C2(Carbamidomethyl), C8(Carbamidomethyl)	121	1	1878.73223	3R:+:47845111-47845158	-	SNAP_ANOPHELES00000 003867	-	-
239	LCDGTSDCYMGSDELR	C2(Carbamidomethyl), C8(Carbamidomethyl), M10(Oxidation)	71	2	947.86560	3R:+:47845111-47845158	-	SNAP_ANOPHELES00000 003867	-	-
240	KQTALTALILA	-	43	1	1142.71306	3R:+:47765835-47765867	-	-	-	-
241	VFFQKHADLLAR	-	48	1	1444.82607	3R:+:4712214-4712249	-	-	-	-
242	LQLLLPPSRK	-	33	1	1164.74492	3R:+:47099165-47099194	-	-	-	-
243	VTQSVVNLSSNSLLRQINS	Q3(Deamidated), N7(Deamidated), N11(Deamidated)	48	1	2062.08872	3R:+:46734236-46734292	-	-	-	-
244	LIILFISHN	-	54	1	1069.64472	3R:+:45792822-45792848	-	-	-	-
245	ALNNIVDDFMNHER	M10(Oxidation)	64	2	852.39539	3R:+:45710407-45710448	BM607979;AL692550; BM600303	SNAP_ANOPHELES00000 017782	-	-
246	ITTTTTHTSQQNIPEMVK	M16(Oxidation)	69	1	2046.02378	3R:+:45710293-45710346	BM607979;AL692550; BM600303	SNAP_ANOPHELES00000 017782	-	-
247	TITLTPDGDFPEDELLQK	-	62	2	1016.51184	3R:+:45710239-45710292	BM607979;AL692550; BM600303	SNAP_ANOPHELES00000 017782	-	-
248	LNNLVNGGGATTEK	-	72	1	1387.71758	3R:+:45662415-45662456	-	SNAP_ANOPHELES00000 017780	-	-
249	RVCLTLLR	C3(Carbamidomethyl)	51	1	1030.61077	3R:+:45485078-45485101	-	-	-	-
250	RIDAPLAQK	-	53	1	1011.59508	3R:+:45300242-45300268	ncbi_CX818717;CX81 8458;CX818717;ncbi_ CX818458;CF542061; CX817375	SNAP_ANOPHELES00000 008577	-	-
251	VVKPLIPK	-	37	1	893.61839	3R:+:45300218-45300241	ncbi_CX818717;CX81 8458;CX818717;ncbi_ CX818458;CX817375	SNAP_ANOPHELES00000 008577	-	-
252	MPNINLMILLIGTK	-	49	1	1570.88616	3R:+:45227914-45227955	-	-	-	-
253	NFPVDGAEK	-	49	1	976.47118	3R:+:45028410-45028436	-	-	-	-
254	KTEMILTSK	N-Term(Acetyl), M4(Oxidation)	52	1	1108.59636	3R:+:44836644-44836670	-	-	-	-
255	LANLNTLR	N3(Deamidated)	64	2	458.26648	3R:+:44644867-44644890	-	-	-	-
256	TPSTRLGTSIHSER	N-Term(Acetyl)	46	1	1583.81975	3R:+:44534955-44534996	BX048606;BX015244; BX015243;BX028823; BX028824;BX050374; BX067580;BX067581; BX050375;BX053419; BX048605;BX061563; BX053420	-	-	-
257	VELDLQIK	Q6(Deamidated)	53	2	479.77713	3R:+:44408153-44408176	-	-	-	-
258	QAGKEAK	-	53	2	366.20596	3R:+:44339824-44339844	-	-	-	-
259	TNTGTGDSLSGQK	N2(Deamidated), Q12(Deamidated)	55	1	1267.57500	3R:+:4418355-4418393	-	-	-	-
260	LINNLLLK	N-Term(Acetyl)	41	1	982.62956	3R:+:44161551-44161574	-	-	-	-

261	LINNLLLK	-	70	2	470.81351	3R:+:44161551-44161574	-	-	-	-
262	LSVELLAQR	Q8(Deamidated)	54	1	1029.60906	3R:+:44120467-44120493	-	-	-	-
263	MELFALK	M1(Oxidation)	55	2	434.23581	3R:+:43919787-43919807	-	-	-	-
264	YTNILLQILQ	-	57	1	1218.70862	3R:+:43829312-43829341	-	-	-	-
265	ENPLKYTNILLQILQ	Q12(Deamidated)	46	1	1801.00322	3R:+:43829297-43829341	-	-	-	-
266	LLIASHVNVVL	N8(Deamidated)	40	1	1178.72733	3R:+:4374625-4374657	-	-	-	-
267	KVFPIHHLQLNK	N11(Deamidated)	49	1	1474.83818	3R:+:43618849-43618884	-	-	-	-
268	TDVEEGGTVVGGTGGGGSGG PLGAGDIEASGPLLLRPTDR	-	132	3	1226.95129	3R:+:43314028-43314147	BM610349	SNAP_ANOPHELES00000 014785	-	-
269	KSLLLFLNIF	N8(Deamidated)	46	1	1208.72881	3R:+:43071046-43071075	-	-	-	-
270	IALSLAHTA	-	54	1	896.53087	3R:+:42793947-42793973	-	-	-	-
271	ANIIALLR	-	53	2	442.29016	3R:+:42626212-42626235	-	-	-	-
272	LLQLQNIK	-	52	2	485.30850	3R:+:42595052-42595075	-	-	-	-
273	LGLINKLK	-	42	2	449.80884	3R:+:42341635-42341658	-	-	-	-
274	QSAINLTLLR	Q1(Deamidated), N5(Deamidated)	64	2	565.82672	3R:+:41810792-41810821	-	-	-	-
275	GEEASELVLR	-	67	2	551.79822	3R:+:4150004-4150033	-	-	-	-
276	GILPIIK	-	29	1	753.52295	3R:+:41058602-41058622	-	-	-	-
277	VLQAQYSWVYLLCSRSIVAW FR	Q3(Deamidated), C13(Carbamidomethyl)	45	1	2746.41713	3R:+:40647366-40647431	-	-	-	-
278	VLQAQYSWVYLLCSRSIVAW FR	Q5(Deamidated), C13(Carbamidomethyl)	45	1	2746.41713	3R:+:40647366-40647431	-	-	-	-
279	IVLGVITFHIAK	-	45	1	1310.80351	3R:+:40020528-40020563	-	-	-	-
280	LLIFHPLR	-	43	1	1008.63530	3R:+:39986937-39986960	-	-	-	-
281	LCLIFFLGLQK	N-Term(Acetyl), C2(Carbamidomethyl), Q10(Deamidated)	46	2	697.89661	3R:+:39937879-39937911	-	-	-	-
282	KVLQNVVNVNLLK	Q4(Deamidated), N5(Deamidated), N10(Deamidated)	43	1	1483.89310	3R:+:38923633-38923671	-	-	-	-
283	KVLQNVVNVNLLK	Q4(Deamidated), N5(Deamidated), N8(Deamidated)	43	1	1483.89310	3R:+:38923633-38923671	-	-	-	-
284	IGLIGAKR	-	43	1	827.53478	3R:+:37578459-37578482	-	-	-	-
285	LVELEEGIQR	Q9(Deamidated)	57	1	1186.63127	3R:+:37523157-37523186	-	-	-	-
286	FFLIGNRLFK	N-Term(Acetyl), N6(Deamidated)	46	1	1297.71623	3R:+:37312547-37312576	-	-	-	-
287	LQGTNEYQTAYR	-	89	1	1443.68645	3R:+:36903747-36903782	-	SNAP_ANOPHELES00000 017842	-	-
288	VKVIHTK	-	42	1	824.53374	3R:+:36775778-36775798	ncbi_BM620182;BM62 0182;BM622511;BM64 0517;BM620203;ncbi_ BM622511;CR527555; BX041926;BX617031	-	-	-
289	WSVILLLSMIVIIR	M9(Oxidation)	37	1	1672.01987	3R:+:36044672-36044713	-	-	-	-
290	IIHPALALAK	-	45	1	1046.67175	3R:+:35559588-35559617	-	-	-	-

291	LNICFQQPFER	C4(Carbamidomethyl)	73	1	1451.71367	3R:+:35070892-35070924	BX019538;BX051476; BX008067;BX008068; BX042614;BX612821; BX057410;BX066791; BX070142;BX011483; BX051961;BX051014; BX020407;BX070783; BX045890;BX061160; BX071215;BX071214; BX006651;BX063017; CD745421;CD745422; BX602134;BX028541; BX027260;BX059321; BX022862;BX049730; BX030670;BX030671; BX050108;BM596261; BX011749;BX041017; BX025139;BX025138; BX044200;BX041018; BX015537;BX015538; BX049431;BX028567; BX027053;BX045838; BX060907;BX018745; BX008161;BX020472; BX022399;GO935132; BX030809;CD744043; BX051567;BX012034; BX069952;BX052071; BX042834;BX069953; BX011774;BX011775; BX021704;BM645199; BX045889;BX026375;	SNAP_ANOPHELES00000018835	-	-
292	EGNNPLSYLREETDLYTR	-	112	1	2170.04569	3R:+:35070637-35070690	BX051476;BX008067; BX008068;BX045837; BX066791;BX051960; BX047065;BX020406; BX070783;BX071214; BX006651;BX063017; BX768863;BX602134; BX028541;BM587316; BX031458;BX005892; BX049730;BX030670; BM596261;BX067100; BX041017;BX025138; BX015537;BM599195; BM576107;BX022399; BX027259;BM613189; BX051567;BX052071; BX042833;BX021704; BM645199;BX045889; BX026375;BX019912; BX019913;BX020826; BX050107;CD745420; BX019215;BX069424; BX623792;BX060879; BX621288;BX024218; BX024217;BX061511; BX068925;BX607437; BX047481;BX040709; BX061159;BM645098; BX040812;BX059320; BX050812;BX614136; BX014165;BX014337; BX014336	SNAP_ANOPHELES00000018835	-	-

293	TVTVAQNLER	-	75	1	1130.61699	3R:+:35070589-35070618	BX019538;BX051476; BX008067;BX008068; BX057411;BX057410; BX045837;BX066791; BX051961;BX051960; BX031459;BX047065; BX070782;BX070783; BX045890;BX071214; BX006651;BX006650; BX063017;BX016820; BX768863;BX602134; BX028541;BM587316; BX027260;BX059321; BX031458;BX005892; BX005893;BX049730; BX030670;BX030671; BX050108;BM596261; BX041017;BX025138; BX041018;BX015537; BX015538;BM576107; BX028567;BX028566; BX014574;BX027052; BX027053;BX060907; BX020471;BX020472; BX022399;BX027259; BM613189;BX012034; BX052070;BX052071; BX042834;BX042833; BX056630;BX021704; BM645199;BX045889; BX032156;BX026375; BX019912;BX019913;	SNAP_ANOPHELES00000018835	-	-
294	WPLLFSESVHQK	-	74	2	735.89185	3R:+:35070499-35070534	BX019538;BX067099; BX008067;BX057410; BX051960;BX031459; BX047065;BX020406; BX070782;BX070783; BX071214;BX016820; BX768863;BX602134; BX028541;BM587316; BX027260;BX059321; BX031458;BX005892; BX005893;BX049730; BX030670;BX030671; BX050108;BM657676; BM596261;BX011316; BX014573;BM642921; BX015537;BX015538; BM599195;BM576107; BX060906;BX028567; BX028566;BX014574; BX027052;BX027053; BX060907;BX008161; BX020471;BX020472; BX022399;BX027259; BM613189;BX012033; BX052070;BX042833; BX056630;BX026375; BX022443;BX019912; BX020826;BX020825; BX050107;BX019214; BX069425;BX623792; BM599960;BX060878; BX621288;BX024217;	SNAP_ANOPHELES00000018835	-	-

295	FLTAADSLLTHLK	-	96	2	715.40729	3R:+:35070433-35070471	BX019538;BX067099; BX008067;BX045837; BX070141;BX070782; BX071214;BX006650; BX016820;BX768863; BX602134;BX028541; BX031458;BX068951; BX005892;BX049730; BX030670;BM657676; BX025138;BX011316; BX014573;BM642921; BX015537;BM599195; BX060906;BX027052; BX020471;BX020472; BX022399;BX027259; BX012033;BX052070; BX042833;BX056630; BX026375;BX022443; BX019912;BX020825; BX050107;BX044520; BX019214;BX069424; BX623792;BM599960; BX621288;BX021228; BX061511;BX061510; BX068925;BX607437; BX028520;BX044199; BX036525;BX053518; BX061159;BM577325; BX058942;BX058943; BX040812;BM652809; BX014630;BX027762; BX059320;BX026374;	SNAP_ANOPHELES00000018835	-	-
296	TNQASINTNVDR	-	83	1	1332.64995	3R:+:35070364-35070399	BX019538;BX008392; BX008391;BX067099; BX044151;BX016663; BX768398;BX045837; BX070141;BX051960; BX051013;BX070782; BX070783;BX071214; BX006650;BX016820; BX602134;BX028541; BM587316;BX059321; BX031458;BX068951; BX005892;BX030670; BX030671;BM657676; BX025138;BX014573; BM642921;BM599195; BM576107;BX060906; BX027052;BX060907; BX008161;BX008160; BX020471;BX020472; BX022399;BX027259; BM613189;BM610688; BX012033;BX052070; BX042833;BX056630; BX022443;BX019912; BX020825;BX050107; BX044520;BX019214; BX019537;BX069424; BX623792;BM599960; BX060878;BX621288; BM617812;BX061511; BX061510;BX068925; BX044199;BX036525;	SNAP_ANOPHELES00000018835	-	-

297	AANDFQAR	-	59	2	446.71631	3R:+:35070322-35070345	BX008392;BX008391; BX067099;BX044151; BX016663;BX768398; BX045837;BX011748; BX070141;BX051960; BX051013;BX070782; BX070783;BM632126; BM616489;BX071214; BX006650;BX066790; BM580639;BX016820; BM608238;BM597303; BX602134;BX028541; BM587316;BM575059; BX031458;BM581911; BX068951;BX005892; BX018139;BX030670; BX030671;BM657676; BX025138;BX011316; BM642921;BM647257; BM599195;BM576107; BX060906;BX028566; BX027052;BX060907; BX008161;BX008160; BX020471;BX020472; BX027259;BM613189; BX030808;BM582625; BX012033;BX052070; BX042833;BX056630; BM655083;BM611902; BM616139;BX022443; BX019912;BX020825; BX050107;BX044520;	SNAP_ANOPHELES00000018835	-	-
298	LSGEYSTSVSTLVAAVR	-	112	2	870.46515	3R:+:35070271-35070321	BX008392;BX008391; BX067099;BX044151; BX016663;BX768398; BX045837;BX011748; BX070141;BX051960; BX051013;BX070782; BX070783;BX071214; BX006650;BX066790; BM580639;BX016820; BX602134;BX028541; BM587316;BM575059; BX031458;BX068951; BX005892;BM645578; BX018139;BX030670; BX030671;BX025138; BX011316;BX014573; BX601878;BM576107; BX060906;BX028566; BX027052;BX060907; BX008161;BX008160; BX027259;BM613189; BM610688;BX622714; BX030808;BX012033; BX052070;BX042833; BX056630;BM606247; BX011774;BX011775; BM616139;BX022443; BX020825;BX050107; BX044520;BX019214; BX019537;BX069424; BX060878;BX621288; BX061511;BX061510;	SNAP_ANOPHELES00000018835	-	-

299	NAFGQNVQELAEVLVR	-	137	2	893.97607	3R:+:35070103-35070150	BM588049;BX008391; BX067099;BM610802; BX044151;BM622582; BX016663;BX042613; BX029330;BX059912; BX768398;BM594568; BX045837;BX011748; BM611764;BX051960; BM583115;BM593792; BM584687;BM620300; BX020406;BM604083; BX070782;BM649505; BM632126;BM616489; BM581974;BM649408; BM654919;BX006650; BM653331;BX066790; BM580639;BX047418; BM608238;BX033030; BM625083;BM597303; BM595944;BM589213; BM626324;BM585946; BX028541;BM587316; BM575059;BM657003; BM610602;BX031458; BM581911;BM576882; BX068951;BX005892; BM645578;BX030670; BM640805;BM657676; BX068456;BM625065; BM576420;BX011316; BX014573;BM593951; BM642921;BM643248;	SNAP_ANOPHELES00000018835	-	-
300	LRNAFGQNVQELAEVLVR	-	83	1	2056.13706	3R:+:35070097-35070150	BM588049;BX008391; BX067099;BM610802; BX044151;BM622582; BX016663;BX042613; BX029330;BX059912; BX768398;BM594568; BX045837;BM611764; BX051960;BM583115; BM593792;BM584687; BM620300;BX020406; BM604083;BX070782; BM649505;BM632126; BM616489;BM581974; BM649408;BM654919; BX006650;BM653331; BX066790;BM580639; BX047418;BM608238; BX033030;BM625083; BM597303;BM595944; BM589213;BM626324; BM585946;BX028541; BM587316;BM575059; BM657003;BM610602; BX031458;BM581911; BM576882;BX068951; BX005892;BM645578; BX030670;BM640805; BM657676;BX068456; BM625065;BM576420; BX011316;BX014573; BM593951;BM642921; BM643248;BX047981;	SNAP_ANOPHELES00000018835	-	-

301	EAFNYDVNSNTASYLEK	N8(Deamidated)	72	2	983.43909	3R:+:35070046-35070096	BM588049;BX008391; BX067099;BM610802; BX044151;BM622582; BX016663;BX042613; BX029330;BX059912; BX768398;BM594568; BX045837;BM611764; BX051960;BM583115; BM584687;BM620300; BM604083;BX070782; BM649505;BM632126; BM616489;BM649408; BX006650;BM653331; BX066790;BM580639; BX047418;BX033030; BM625083;BX021232; BM597303;BM595944; BM589213;BM626324; BM585946;BX028541; BM587316;BM575059; BM657003;BM610602; BX031458;BM581911; BM576882;BX068951; BM599152;BX005892; BM645578;BM611562; BM623128;BX018139; BX030670;BM640805; BM657676;BX068456; BM625065;BM576420; BX011316;BX014573; BM593951;BM642921; BM643248;BX047981;	SNAP_ANOPHELES00000018835	-	-
302	EAFNYDVNSNTASYLEK	-	113	1	1964.89153	3R:+:35070046-35070096	BM588049;BX008391; BX067099;BM610802; BX044151;BM622582; BX016663;BX042613; BX029330;BX059912; BX768398;BM594568; BX045837;BM611764; BX051960;BM583115; BM584687;BM620300; BM604083;BX070782; BM649505;BM632126; BM616489;BM649408; BX006650;BM653331; BX066790;BM580639; BX047418;BX033030; BM625083;BX021232; BM597303;BM595944; BM589213;BM626324; BM585946;BX028541; BM587316;BM575059; BM657003;BM610602; BX031458;BM581911; BM576882;BX068951; BM599152;BX005892; BM645578;BM611562; BM623128;BX018139; BX030670;BM640805; BM657676;BX068456; BM625065;BM576420; BX011316;BX014573; BM593951;BM642921; BM643248;BX047981;	SNAP_ANOPHELES00000018835	-	-

303	LTLAVQGVAQWNR	-	70	2	728.40839	3R:+:35069977-35070015	BM588049;BX008391; BX067099;BM610802; BX044151;BM622582; BM631202;BX016663; BX042613;BX029330; BX059912;BM594568; BX057410;BX045837; BX011748;BM611764; BM583115;BM593792; BM584687;BM620300; BX020406;BM604083; BX070782;BM649505; BM632126;BM616489; BM581974;BM649408; BM654919;BX006650; BM653331;BM580268; BX066790;BM580639; BX047418;BM608238; BX033030;BM625083; BX021232;BM597303; BX606594;BM595944; BM622013;BM589213; BM626324;BM585946; BM575059;BM657003; BM610602;BM581911; BM576882;BX068951; BM645578;BX022861; BM611562;BM618131; BM623128;BX018139; BM640805;BM657676; BX068456;BM625065; BM576420;BX014573;	SNAP_ANOPHELES00000018835	-	-
304	EVAQVAVDR	-	59	2	493.76633	3R:+:35069920-35069946	BM588049;BX008391; BM610802;BX044151; BM622582;BM631202; BX016663;BX042613; BX029330;BX059912; BM594568;BX057410; BX011748;BM611764; BX014283;BM583115; BM593792;BM584687; BM620300;BX020406; BM604083;BX070782; BM649505;BM632126; BM616489;BM581974; BM649408;BM654919; BX006650;BM653331; BM580268;BX066790; BM580639;BX047418; BM608238;BX033030; BM625083;BX021232; BM597303;BM595944; BM622013;BM589213; BM620032;BM626324; BM585946;BX059321; BM657003;BM610602; BM581911;BM576882; BX068951;BM599152; BM645578;BX022861; BM577737;BM611562; BM618131;BM623128; BM640805;BX068456; BM625065;BM589730; BM576420;BX014573;	SNAP_ANOPHELES00000018835	-	-

305	GLNPTSSNFLSAGAAALR	-	143	2	873.96228	3R:+:35069821-35069874	BM588049;BX008391; BM610802;BX044151; BM622582;BM631202; BX016663;BX042613; BX029330;BX059912; BM594568;BX057410; BM611764;BX014283; BM583115;BM593792; BM584687;BM620300; BX020406;BM604083; BX070782;BM649505; BM632126;BM616489; BM581974;BM649408; BM654919;BX006650; BM653331;BM580268; BX066790;BM580639; BX047418;BM608238; BX033030;BM631849; BM625083;BX021232; BM597303;BX048720; BM595944;BM589213; BM620032;BM626324; BM585946;BM575059; BX059321;BM657003; BM610602;BM581911; BM576882;BX068951; BM599152;BM645578; BM577737;BM611562; BM618131;BM623128; BM640805;BX068456; BM625065;BM589730; BM576420;BX014573;	SNAP_ANOPHELES00000018835	-	-
306	NLDAAQLQVR	-	83	1	1127.61797	3R:+:35069791-35069820	BM588049;BX008391; BX067099;BM610802; BX044151;BM622582; BM631202;BX016663; BX042613;BX029330; BX059912;BM594568; BX057410;BX045837; BX011748;BM611764; BX014283;BM583115; BM593792;BM584687; BM620300;BX020406; BM604083;BX070782; BM649505;BM632126; BM616489;BM581974; BM649408;BM654919; BX006650;BM653331; BM580268;BX066790; BM580639;BX047418; BM608238;BX033030; BM631849;BM625083; BX021232;BM597303; BX048720;BM595944; BM622013;BM589213; BM620032;BM626324; BM585946;BM584220; BM575059;BM657003; BM610602;BM581911; BM576882;BX068951; BM599152;BM645578; BM577737;BM611562; BM623128;BM640805; BX068456;BM625065;	SNAP_ANOPHELES00000018835	-	-
307	ITATKSISIILQ	Q12(Deamidated)	51	1	1288.76763	3R:+:34476546-34476581	-	-	-	-
308	TWFLLQLLK	-	61	2	581.34918	3R:+:34442135-34442161	-	-	-	-

309	GVMYKIASR	-	56	2	512.78436	3R:+:34111095-34111121	-	-	-	-
310	SSLLSILSGLR	-	89	2	573.34723	3R:+:34004103-34004135	-	SNAP_ANOPHELES00000003859	-	-
311	ATYRPAGGSADGAATGAGAAASCASAGTEASACK	C23(Carbamidomethyl), C33(Carbamidomethyl)	55	3	1015.45123	3R:+:33550867-33550968	BM594095	-	-	-
312	LDATLPPLDSHHHGDSSMGGGSSSK	M18(Oxidation)	82	1	2506.12026	3R:+:33493367-33493441	BX466649;BX059698;BX020429	SNAP_ANOPHELES00000009678	-	-
313	IGTKMPR	M5(Oxidation)	64	2	409.73102	3R:+:33211143-33211163	-	-	-	-
314	GIIILKR	N-Term(Acetyl)	54	2	427.79544	3R:+:31951236-31951256	-	-	-	-
315	FDTPKNIIAIIVSNL	N14(Deamidated)	43	1	1658.93584	3R:+:3172536-3172580	-	-	-	-
316	TNLSVCVVQPVR	N2(Deamidated), C6(Carbamidomethyl)	55	2	686.86011	3R:+:31624729-31624764	-	-	-	-
317	LILFISFR	-	41	1	1008.63707	3R:+:31082242-31082265	-	-	-	-
318	QVDQEAVQSIKK	-	46	1	1372.74053	3R:+:31063135-31063170	-	-	-	-
319	LLQPLLLIQSNR	Q9(Deamidated), N11(Deamidated)	50	1	1409.84892	3R:+:30691263-30691298	-	-	-	-
320	QIFLITPK	N-Term(Acetyl), Q1(Deamidated)	53	1	1002.60002	3R:+:30571901-30571924	-	-	-	-
321	IIIINIINAR	N5(Deamidated)	47	2	577.37549	3R:+:29746326-29746355	-	-	-	-
322	VHFMNTLHLKNK	N5(Deamidated)	55	1	1482.79057	3R:+:29270532-29270567	-	-	-	-
323	HVQYGVVSYGLNACNLDNSPVVYTR	C14(Carbamidomethyl)	107	1	2825.36625	3R:+:28846125-28846199	-	SNAP_ANOPHELES00000019524	-	-
324	NSGGPLTALGR	-	70	2	521.78552	3R:+:28846083-28846115	-	SNAP_ANOPHELES00000019524	-	-
325	QEMAKILIK	Q1(Deamidated), M3(Oxidation)	54	1	1090.61247	3R:+:28735588-28735614	-	-	-	-
326	EMGVLLANLANR	N8(Deamidated), N11(Deamidated)	52	1	1302.68743	3R:+:28723739-28723774	-	-	-	-
327	DAFVNEYNIWSIR	-	116	1	1626.79387	3R:+:28649904-28649942	-	SNAP_ANOPHELES00000018147	-	-
328	NFIDLTPEMGDRGDR	M9(Oxidation)	50	1	1751.80350	3R:+:28649691-28649735	-	SNAP_ANOPHELES00000018147	-	-
329	NFIDLTPEMGDR	M9(Oxidation)	65	2	712.32935	3R:+:28649691-28649726	-	SNAP_ANOPHELES00000018147	-	-
330	NFIDLTPEMGDR	-	59	1	1407.66033	3R:+:28649691-28649726	-	SNAP_ANOPHELES00000018147	-	-
331	GVAGVPGVMGQQGWQGGR	M9(Oxidation)	88	1	1756.85442	3R:+:28648329-28648382	-	SNAP_ANOPHELES00000018147	-	-
332	KQLQGQLK	Q4(Deamidated)	50	1	943.55797	3R:+:28522986-28523009	-	-	-	-
333	PLLIEKK	-	43	1	840.55644	3R:+:28458631-28458651	-	-	-	-
334	IAPQLER	-	53	2	413.74289	3R:+:28353656-28353676	-	-	-	-
335	DLDFMEQHPNGLFLEAETYSALIK	M5(Oxidation)	56	1	2797.35587	3R:+:28087240-28087311	-	-	-	-
336	DQPLELDEYGK	-	66	2	653.81244	3R:+:28065559-28065591	-	SNAP_ANOPHELES00000017563	-	-
337	SLTLDLLQHK	Q8(Deamidated)	52	1	1168.65764	3R:+:26923044-26923073	-	-	-	-
338	AWANHNKR	N4(Deamidated)	54	1	997.48308	3R:+:2675234-2675257	-	-	-	-
339	MNALGPVPKINK	N-Term(Acetyl), M1(Oxidation), N11(Deamidated)	48	2	670.87274	3R:+:26668061-26668096	-	-	-	-
340	EHSSLINLIK	-	51	2	577.33258	3R:+:26647253-26647282	-	-	-	-
341	QALANGVVTR	Q1(Deamidated), N5(Deamidated)	59	1	1030.55522	3R:+:26587820-26587849	-	-	-	-
342	VKVTIDDVNI	-	52	1	1115.63030	3R:+:26111641-26111670	-	-	-	-
343	WLQLIVFR	N-Term(Acetyl), Q3(Deamidated)	47	2	559.32324	3R:+:25746636-25746659	-	-	-	-
344	NVHGDLTIDIP	-	60	1	1193.61914	3R:+:25591338-25591370	-	SNAP_ANOPHELES00000004492	-	-
345	MVVTASFVSK	-	71	1	1068.57512	3R:+:25591299-25591328	-	SNAP_ANOPHELES00000004492	-	-
346	GKMVVTASFVSK	M3(Oxidation)	71	2	635.34821	3R:+:25591293-25591328	-	SNAP_ANOPHELES00000004492	-	-
347	SIIVPLEYGEYKTMDTHK	M14(Oxidation)	92	1	2140.06215	3R:+:25590884-25590937	-	SNAP_ANOPHELES00000004492	-	-

348	SIIVPLEYGEYK	-	75	1	1410.75054	3R:+:25590884-25590919	-	SNAP_ANOPHELES00000004492	-	-
349	VTPFAIKLEPR	-	73	1	1270.75139	3R:+:25590842-25590874	-	SNAP_ANOPHELES00000004492	-	-
350	LLGAMVNDSNGTEDAIQLEIK	M5(Oxidation)	90	2	1124.06372	3R:+:25590635-25590697	-	SNAP_ANOPHELES00000004492	-	-
351	LLGAMVNDSNGTEDAIQLEIK	M5(Oxidation), N10(Deamidated)	139	2	1124.55994	3R:+:25590635-25590697	-	SNAP_ANOPHELES00000004492	-	-
352	DLHNPTYDGWQAVDATPQVLSDGMFK	M24(Oxidation)	132	1	2921.34171	3R:+:25590239-25590316	-	SNAP_ANOPHELES00000004492	-	-
353	DLHNPTYDGWQAVDATPQVLSDGMFK	-	71	1	2905.34635	3R:+:25590239-25590316	-	SNAP_ANOPHELES00000004492	-	-
354	KDLHNPTYDGWQAVDATPQVLSDGMFK	M25(Oxidation)	142	1	3049.44028	3R:+:25590236-25590316	-	SNAP_ANOPHELES00000004492	-	-
355	TGAGMTVDSIWNYHVWSEVWMQR	M5(Oxidation), M21(Oxidation)	147	1	2785.25205	3R:+:25590167-25590235	-	SNAP_ANOPHELES00000004492	-	-
356	YGQCWVYAGLLTSVCR	C4(Carbamidomethyl), C15(Carbamidomethyl)	121	1	1932.90886	3R:+:25590020-25590067	-	SNAP_ANOPHELES00000004492	-	-
357	YGQCWVYAGLLTSVCR	Q3(Deamidated), C4(Carbamidomethyl), C15(Carbamidomethyl)	81	1	1933.90679	3R:+:25590020-25590067	-	SNAP_ANOPHELES00000004492	-	-
358	VKYGQCWVYAGLLTSVCR	C6(Carbamidomethyl), C17(Carbamidomethyl)	133	1	2160.07500	3R:+:25590014-25590067	-	SNAP_ANOPHELES00000004492	-	-
359	ILQEFYDTGERVK	-	75	1	1597.82524	3R:+:25589981-25590019	-	SNAP_ANOPHELES00000004492	-	-
360	ILQEFYDTGER	-	88	1	1370.65947	3R:+:25589981-25590013	-	SNAP_ANOPHELES00000004492	-	-
361	APISGNPVLVIR	-	113	1	1235.74748	3R:+:25589834-25589869	-	SNAP_ANOPHELES00000004492	-	-
362	ALILTQQLK	N-Term(Acetyl)	50	2	535.33508	3R:+:2514286-2514312	-	-	-	-
363	SALQSLLLR	Q4(Deamidated)	69	2	501.30411	3R:+:25140234-25140260	-	-	-	-
364	WNLAPLAAQK	N2(Deamidated)	52	1	1112.61077	3R:+:25087172-25087201	-	-	-	-
365	TDFPILTGNDR	-	60	1	1248.62297	3R:+:25066517-25066549	-	-	-	-
366	LTDFAIR	-	51	2	418.23727	3R:+:25052242-25052262	-	-	-	-
367	LLKVVLPK	-	19	2	455.32526	3R:+:24767174-24767197	-	-	-	-
368	KMDWLVFLASMIVSTDR	M2(Oxidation)	64	1	2028.02634	3R:+:24763684-24763734	-	-	-	-
369	NTNLQKISK	Q5(Deamidated)	70	2	523.78967	3R:+:24701479-24701505	-	-	-	-
370	DLLISNYLSALK	-	60	2	675.39050	3R:+:24679248-24679283	ncbi_AJ280570;BM609905;AJ280570	SNAP_ANOPHELES00000022579	-	-
371	AAKPCNIK	C5(Carbamidomethyl)	59	2	451.25269	3R:+:24069178-24069201	-	-	-	-
372	PLVVMCNKLFTNFLILLIDPQPHTR	C6(Carbamidomethyl), N12(Deamidated), Q21(Deamidated)	50	1	2981.56972	3R:+:23976528-23976602	-	-	-	-
373	FKPVKINK	-	41	1	973.60729	3R:+:23774607-23774630	-	-	-	-
374	IGILLKNK	-	42	2	449.80884	3R:+:23302881-23302904	-	-	-	-
375	EKQLQQQQLWR	N-Term(Acetyl), Q3(Deamidated), Q5(Deamidated), Q6(Deamidated), Q7(Deamidated), Q8(Deamidated)	54	1	1531.71379	3R:+:23048620-23048652	-	-	-	-
376	FQLKSIFENQMQLQL	N-Term(Acetyl), Q2(Deamidated), N9(Deamidated), Q10(Deamidated), Q14(Deamidated)	51	1	1912.91155	3R:+:23047128-23047172	-	-	-	-
377	FQLKSIFENQMQLQL	N-Term(Acetyl), Q2(Deamidated), N9(Deamidated), Q12(Deamidated), Q14(Deamidated)	51	1	1912.91155	3R:+:23047128-23047172	-	-	-	-
378	FNLISSLLSK	N-Term(Acetyl), N2(Deamidated)	56	1	1164.64954	3R:+:23025044-23025073	-	-	-	-

379	KLLNMIPSINK	N4(Deamidated), M5(Oxidation)	62	1	1287.74333	3R:+:22966108-22966140	-	-	-	-
380	EIGIDSK	-	61	1	761.40436	3R:+:2242330-2242350	-	-	-	-
381	DATPSSAPSSAGGSATAK	-	87	1	1562.73271	3R:+:22318523-22318576	-	SNAP_ANOPHELES00000019878	-	-
382	LRPNFVGQGIK	N4(Deamidated), Q8(Deamidated)	50	1	1230.67241	3R:+:22240698-22240730	-	-	-	-
383	LVSLETINR	-	53	1	1044.59722	3R:+:22162822-22162848	-	-	-	-
384	LQIASIVR	-	59	1	899.56700	3R:+:22077786-22077809	-	-	-	-
385	LAIIQLK	-	52	1	798.54424	3R:+:22072926-22072946	-	-	-	-
386	MIDGVQANRIQTK	M1(Oxidation)	55	2	745.40436	3R:+:21541141-21541179	-	-	-	-
387	TYTPEQWAGESGP	-	80	2	711.81384	3R:+:21526853-21526891	BM598996;BM651318;BM641121;BM602397;BM651624	SNAP_ANOPHELES00000011602	-	-
388	LVNAALEEELK	-	91	1	1228.67912	3R:+:21526796-21526828	BM598996;BM651318;BM641121;BM602397;BM651624	SNAP_ANOPHELES00000011602	-	-
389	VVVVSSQFQGKPLLQR	-	64	1	1785.04117	3R:+:21526154-21526201	BM598996;BM651318;BM641121;BM602397;BM651624	SNAP_ANOPHELES00000011602	-	-
390	FRVVVVSSQFQGKPLLQR	-	50	1	2088.21183	3R:+:21526148-21526201	BM598996;BM651318;BM641121;BM602397;BM651624	SNAP_ANOPHELES00000011602	-	-
391	LPITHGDGHTLR	-	51	1	1316.72112	3R:+:21462177-21462212	-	-	-	-
392	SGSYIFSDVGGTPR	-	63	2	721.84790	3R:+:21301605-21301646	-	SNAP_ANOPHELES00000007839	-	-
393	RPINDLHYTAINSNFR	-	62	1	1930.99161	3R:+:21301083-21301130	-	SNAP_ANOPHELES00000007839	-	-
394	IFQVEDELHQQLLSDSR	-	107	1	2057.03349	3R:+:21137117-21137167	-	-	-	-
395	LTLVDLTVAEPWINR	-	65	2	870.49292	3R:+:21137063-21137107	-	-	-	-
396	TRPSAPHGEDYALLCDHSLVGMLTADR	C15(Carbamidomethyl), M22(Oxidation)	83	1	2998.42177	3R:+:21136955-21137035	-	-	-	-
397	LQPQSCSQEAELHLANVR	C6(Carbamidomethyl)	80	1	2080.01836	3R:+:21136689-21136742	-	-	-	-
398	EGYDIDDANFGK	-	66	2	672.29138	3R:+:21033784-21033819	GO935203;BM601273;ncbi_BM601273;BX623900;BX072292;BX624123;BM583056;BX620168;BM623649	SNAP_ANOPHELES00000010819	-	-
399	SIISRSEQQK	N-Term(Acetyl), Q8(Deamidated)	59	1	1218.62944	3R:+:20924111-20924140	-	-	-	-
400	SIISRSEQQK	N-Term(Acetyl), Q9(Deamidated)	59	1	1218.62944	3R:+:20924111-20924140	-	-	-	-
401	RAHQEVVADEAAVPSPK	-	70	3	601.98431	3R:+:20513552-20513602	BM651993;BM582402	SNAP_ANOPHELES00000020184	-	-
402	NINKNAEVIK	N1(Deamidated), N3(Deamidated)	52	1	1144.63310	3R:+:20118439-20118468	-	-	-	-
403	MNSPTQKQTGCR	N-Term(Acetyl), M1(Oxidation), N2(Deamidated), Q8(Deamidated), C11(Carbamidomethyl)	49	1	1467.60661	3R:+:19513796-19513831	-	-	-	-
404	LIQWIKIINK	N9(Deamidated)	41	1	1269.77812	3R:+:19195716-19195745	-	-	-	-
405	IFLIISFIMK	M9(Oxidation)	51	1	1240.74552	3R:+:19105381-19105410	-	-	-	-
406	SLVDELLADAEFQK	-	98	1	1577.80552	3R:+:19097714-19097755	BX020734;BX020735;BX041614;BX060581;BX060580;BX042295;BX042296;BX069701;BX623495;BM592503;BX612489	SNAP_ANOPHELES00000002442	-	-
407	NIILKFDR	-	47	1	1018.60918	3R:+:19060364-19060387	-	-	-	-
408	LASSLLQQQQGSSK	-	128	1	1474.78606	3R:+:18660058-18660099	-	SNAP_ANOPHELES00000000912	-	-
409	GGLNASVISGYSTASAATGANHGNGSSTIR	N21(Deamidated)	89	1	2779.32676	3R:+:18659823-18659912	-	SNAP_ANOPHELES00000000912	-	-

410	GGLNASVISGYSTASAATGANHGNGSSTIR	-	69	1	2778.34677	3R:+:18659823-18659912	-	SNAP_ANOPHELES00000000912	-	-
411	GGLNASVISGYSTASAATGANHGNGSSTIR	N24(Deamidated)	93	3	927.11377	3R:+:18659823-18659912	-	SNAP_ANOPHELES00000000912	-	-
412	TTSLSSLGSHR	-	56	2	573.29657	3R:+:18659652-18659684	BM591853	SNAP_ANOPHELES00000000912	-	-
413	SHETGTNLSEHQLR	-	126	1	1608.76352	3R:+:18659418-18659459	BM591853;BM613274	SNAP_ANOPHELES00000000912	-	-
414	SNRPALLHR	N2(Deamidated)	56	1	1064.60044	3R:+:18606321-18606347	-	SNAP_ANOPHELES00000000908	-	-
415	EEEVSGVQHPTTTLIVNDRPEPTVR	-	104	1	2803.41062	3R:+:18605759-18605833	BM605218;BM634959	SNAP_ANOPHELES00000000908	-	-
416	LLLLSLLQR	N-Term(Acetyl), Q8(Deamidated)	44	1	1111.70818	3R:+:18463065-18463091	-	-	-	-
417	VPIDKPYPVYK	-	51	1	1318.73845	3R:+:18321839-18321871	-	SNAP_ANOPHELES00000011036	-	-
418	VLKLQTLLK	Q5(Deamidated)	35	1	1056.69499	3R:+:18199569-18199595	-	-	-	-
419	LLLVGGENKR	-	53	1	1098.65581	3R:+:18062137-18062166	-	-	-	-
420	KMPILLK	M2(Oxidation)	54	2	429.77411	3R:+:17788568-17788588	-	-	-	-
421	PVDSFLIK	-	51	2	459.76929	3R:+:17729638-17729661	-	-	-	-
422	TNTSNITGKEK	N5(Deamidated)	64	1	1193.61394	3R:+:17631261-17631293	-	-	-	-
423	AGNIINK	N6(Deamidated)	55	2	365.71378	3R:+:17413022-17413042	-	-	-	-
424	EANTFCAQYR	C6(Carbamidomethyl)	67	2	630.27649	3R:+:17092459-17092488	BM641791;BM637968;BM648196;ncbi_BM637968	SNAP_ANOPHELES00000005907	-	-
425	HCNTYDCEEQDEEECNFK	C2(Carbamidomethyl), C7(Carbamidomethyl), C15(Carbamidomethyl)	111	1	2406.85782	3R:+:17092405-17092458	BM641791;BM637968;BM648196;ncbi_BM637968	SNAP_ANOPHELES00000005907	-	-
426	LCGSFCLTEDDR	C2(Carbamidomethyl), C6(Carbamidomethyl)	87	1	1472.61150	3R:+:17092183-17092218	BM637968;BM653658;BM648196;ncbi_BM637968	SNAP_ANOPHELES00000005907	-	-
427	QDGICPPGYVQR	C5(Carbamidomethyl)	57	2	695.33240	3R:+:17088583-17088618	BM622941;BM635479;BM654148	SNAP_ANOPHELES00000005907	-	-
428	LGDDINVLFGDGFGNMR	M16(Oxidation)	70	1	1855.87578	3R:+:17002802-17002852	-	SNAP_ANOPHELES00000005814	-	-
429	LPLDIILR	-	49	1	952.61833	3R:+:16928357-16928380	-	-	-	-
430	TGEEADELLATLLK	-	108	2	751.90344	3R:+:16868597-16868638	BM611262;AJ284151;BX013984;AJ285447	SNAP_ANOPHELES00000005757	-	-
431	VKTGEEADELLATLLK	-	67	3	577.32611	3R:+:16868591-16868638	BM611262;AJ284151;BX013984;AJ285447	SNAP_ANOPHELES00000005757	-	-
432	VATDDADSTAPSASASVFGAFKGFASTPLAK	-	71	1	2987.47794	3R:+:16866161-16866253	ncbi_BM579358;BM579358;BX013983	SNAP_ANOPHELES00000005757	-	-
433	VATDDADSTAPSASASVFGAFK	-	78	2	1057.99780	3R:+:16866161-16866226	ncbi_BM579358;BM579358;BX013983;BM613907	SNAP_ANOPHELES00000005757	-	-
434	HLPLNIIKNNK	N5(Deamidated)	50	1	1304.76518	3R:+:16682066-16682098	-	-	-	-
435	IGDNITIIEEEIQK	N4(Deamidated), Q13(Deamidated)	49	1	1616.82073	3R:+:16581187-16581228	-	-	-	-
436	SDPGAVGGGAVYAGGNR	-	127	1	1504.71904	3R:+:16398350-16398400	BM615886;BX066211;BX066210;BX066153;BM612781;BX060616;BX066152;BX061969;BX069562;BX069563	SNAP_ANOPHELES00000000773	-	-
437	VFGGEVVSVVPTSR	-	89	2	716.89526	3R:+:16329758-16329799	-	SNAP_ANOPHELES00000000770	-	-
438	FVKLQLSQK	Q5(Deamidated)	57	1	1091.65775	3R:+:16223919-16223945	-	-	-	-
439	DEGISDEEDPAELR	-	74	2	787.84473	3R:+:16003836-16003877	-	SNAP_ANOPHELES00000002700	-	-
440	ISTKLPANSQPIVK	N-Term(Acetyl), Q10(Deamidated)	51	1	1538.85820	3R:+:15855198-15855239	-	-	-	-
441	VPYCLSIWR	C4(Carbamidomethyl)	59	1	1193.62273	3R:+:147238-147264	-	-	-	-
442	GVFDLTLEPYPQR	-	59	2	767.90149	3R:+:14650048-14650086	-	SNAP_ANOPHELES00000022911	-	-

443	LCDENILLQLV	C2(Carbamidomethyl)	51	1	1329.72368	3R:+:14312193-14312225	-	-	-	-
444	HAIELSALYPR	-	51	1	1269.67742	3R:+:14122879-14122911	-	-	-	-
445	QGGGNIAINIR	N5(Deamidated)	47	2	557.31122	3R:+:13466846-13466878	-	-	-	-
446	SVLFALNIESIHETTLAANQWK	-	108	1	2485.32547	3R:+:13288599-13288664	BM587972;CR527504	SNAP_ANOPHELES00000003586	-	-
447	NEDPVYSQAVR	-	86	1	1277.61614	3R:+:13288554-13288586	BM587972	SNAP_ANOPHELES00000003586	-	-
448	DGTVLVR	-	58	2	380.22318	3R:+:13288512-13288532	CR527505;BM587972;CR527504	SNAP_ANOPHELES00000003586	-	-
449	NIYSAIAQQLPPNVNLLTLEPWKDGTVLVR	-	66	1	3362.86338	3R:+:13288443-13288532	CR527505;BM587972;CR527504	SNAP_ANOPHELES00000003586	-	-
450	NIYSAIAQQLPPNVNLLTLEPWK	-	108	1	2622.44931	3R:+:13288443-13288511	CR527505;BM587972;CR527504	SNAP_ANOPHELES00000003586	-	-
451	VLLPSWPFVSAVDNVLTYDDYLSNFR	-	154	1	3030.54424	3R:+:13288365-13288442	CR527505;BM587972;CR527504	SNAP_ANOPHELES00000003586	-	-
452	GKHWLFFGSSQK	-	80	1	1421.73723	3R:+:13288281-13288316	CR527505;BM587972;CR527504;BM613977	SNAP_ANOPHELES00000003586	-	-
453	ETWELDLVEPVAGNYYPITAK	-	96	1	2408.21683	3R:+:13288038-13288100	CR527505	SNAP_ANOPHELES00000003586	-	-
454	NYRETWELDLVEPVAGNYYPITAK	-	103	1	2841.42185	3R:+:13288029-13288100	CR527505	SNAP_ANOPHELES00000003586	-	-
455	STLIPIPGSVIDLPFR	-	84	1	1725.00290	3R:+:13287396-13287443	BM602234	SNAP_ANOPHELES00000003586	-	-
456	SDDFFPYESDYHSFWTGYFTSRPTQK	-	100	1	3208.41225	3R:+:13286874-13286951	-	SNAP_ANOPHELES00000003586	-	-
457	AVHGADIEWPTK	-	67	1	1323.67534	3R:+:13286838-13286873	-	SNAP_ANOPHELES00000003586	-	-
458	INAFYSTPSCYVK	C10(Carbamidomethyl)	68	1	1549.74309	3R:+:13286799-13286837	-	SNAP_ANOPHELES00000003586	-	-
459	TNNLILTMGDDFNYMNAVMNFK	N3(Deamidated), M8(Oxidation), M15(Oxidation), M19(Oxidation)	80	1	2615.15915	3R:+:13286622-13286687	-	SNAP_ANOPHELES00000003586	-	-
460	TNNLILTMGDDFNYMNAVMNFK	M8(Oxidation), M15(Oxidation), M19(Oxidation)	157	1	2614.17496	3R:+:13286622-13286687	-	SNAP_ANOPHELES00000003586	-	-
461	TNNLILTMGDDFNYMNAVMNFK	N2(Deamidated), M8(Oxidation), M15(Oxidation), M19(Oxidation)	80	1	2615.15915	3R:+:13286622-13286687	-	SNAP_ANOPHELES00000003586	-	-
462	EQASLFAQMGYDGLFFAR	M9(Oxidation)	136	1	2066.97124	3R:+:13286236-13286289	-	SNAP_ANOPHELES00000003586	CPIJ015654-PA	-
463	MLYEAFEACSANTR	M1(Oxidation), C9(Carbamidomethyl)	94	2	839.86597	3R:+:13282715-13282756	-	SNAP_ANOPHELES00000003586	-	-
464	AVNEANVHWPTK	-	79	1	1365.69463	3R:+:13282418-13282453	-	SNAP_ANOPHELES00000003586	-	-
465	AGVQYILDSVIQELLK	-	51	2	895.01392	3R:+:13281501-13281548	-	SNAP_ANOPHELES00000003586	CPIJ015654-PA	-
466	IRLLHAK	-	42	1	850.56182	3R:+:1322762-1322782	-	-	-	-
467	VGNNANGAER	N3(Deamidated), N4(Deamidated), N6(Deamidated)	60	2	502.72485	3R:+:12383982-12384011	-	-	-	-
468	TIPTGTLSILGR	-	51	1	1228.72930	3R:+:12371826-12371861	-	-	-	-
469	NKGQQIQGR	Q4(Deamidated), Q5(Deamidated), Q7(Deamidated)	58	2	516.25409	3R:+:11714799-11714825	-	-	-	-
470	LIVPLLLR	-	30	1	936.65961	3R:+:11564288-11564311	-	-	-	-
471	GKQNAAQTNLVAK	Q3(Deamidated), N4(Deamidated), N9(Deamidated)	50	1	1345.69585	3R:+:11408070-11408108	-	-	-	-
472	GKQNAAQTNLVAK	Q3(Deamidated), Q7(Deamidated), N9(Deamidated)	50	1	1345.69585	3R:+:11408070-11408108	-	-	-	-

473	GKQNAAQTNLVAK	N4(Deamidated), Q7(Deamidated), N9(Deamidated)	50	1	1345.69585	3R:+:11408070-11408108	-	-	-	-
474	ILDVDNR	-	56	1	844.45166	3R:+:10822899-10822919	BM631105	SNAP_ANOPHELES00000001424	-	-
475	SILLGVTLLK	-	35	1	1056.69499	3R:+:10666320-10666349	-	-	-	-
476	LGSASMFQGWGGK	-	85	2	663.31915	3R:+:10589239-10589277	BM639459;BM578837	SNAP_ANOPHELES00000019571	-	-
477	IEATAQDSSGTLQECFNK	C15(Carbamidomethyl)	107	1	1998.91655	3R:+:10587907-10587960	-	SNAP_ANOPHELES00000019571	-	-
478	VLISQCQAEFEK	C6(Carbamidomethyl)	62	1	1451.72063	3R:+:10587574-10587609	-	SNAP_ANOPHELES00000019571	-	-
479	AIMEPNFSDTYAQLCR	C15(Carbamidomethyl)	93	2	958.44269	3R:+:10587460-10587507	-	SNAP_ANOPHELES00000019571	-	-
480	AIMEPNFSDTYAQLCR	M3(Oxidation), C15(Carbamidomethyl)	74	2	966.43732	3R:+:10587460-10587507	-	SNAP_ANOPHELES00000019571	-	-
481	EKPTTIPDVCK	C10(Carbamidomethyl)	58	1	1287.66521	3R:+:10586857-10586889	-	SNAP_ANOPHELES00000019571	-	-
482	TSEKLNEDAVSCVR	C12(Carbamidomethyl)	60	1	1607.77764	3R:+:10586761-10586802	-	SNAP_ANOPHELES00000019571	-	-
483	AYNYQDLMQIGQR	M8(Oxidation)	92	1	1615.76225	3R:+:10098746-10098784	-	SNAP_ANOPHELES00000015465	-	-
484	AYNYQDLMQIGQR	-	89	1	1599.75066	3R:+:10098746-10098784	-	SNAP_ANOPHELES00000015465	-	-
485	GQYILLPFGYNNAPR	-	78	2	861.95148	3R:+:10098701-10098745	-	SNAP_ANOPHELES00000015465	-	-
486	LALSIHSR	-	54	1	896.53087	3R:+:10098677-10098700	-	SNAP_ANOPHELES00000015465	-	-
487	TQHNLLCYGTDPNR	C7(Carbamidomethyl)	83	1	1688.78227	3R:+:10098428-10098469	-	SNAP_ANOPHELES00000015465	-	-
488	KLLLVGITLS	-	41	1	1056.71501	3R:-:9691389-9691360	-	-	-	-
489	IRNSSTVSLQLK	N3(Deamidated), Q10(Deamidated)	55	2	674.37360	3R:-:9224364-9224329	-	-	-	-
490	TQVERILVAAK	-	51	1	1227.73304	3R:-:8906343-8906311	-	-	-	-
491	IFGGLYPR	-	57	2	461.76227	3R:-:8753168-8753145	BX053849	-	-	-
492	FPILEVLFLVQYSSVR	Q11(Deamidated)	46	1	1911.07175	3R:-:8592286-8592239	-	-	-	-
493	VGLLLLQR	-	42	2	456.30600	3R:-:8295303-8295280	BX604262	-	-	-
494	NTLLGPDGEVLHLHDPSGK	-	101	1	1999.01674	3R:-:8025435-8025379	-	SNAP_ANOPHELES00000015786	-	-
495	IILFLRSF	-	41	1	1008.63707	3R:-:7595529-7595506	-	-	-	-
496	SSLQQLLHR	Q4(Deamidated)	53	1	1082.59197	3R:-:7521446-7521420	-	-	-	-
497	ADYLQFFQSILQK	Q8(Deamidated), Q12(Deamidated)	44	1	1602.79131	3R:-:7508863-7508825	-	-	-	-
498	ERQDIAQK	Q3(Deamidated), Q7(Deamidated)	54	1	989.47870	3R:-:7410250-7410227	-	-	-	-
499	IILIKINR	N7(Deamidated)	42	1	983.66277	3R:-:7228140-7228117	-	-	-	-
500	IPKPLAAGR	-	41	1	922.57225	3R:-:7055340-7055314	-	-	-	-
501	LQNVVGALK	Q2(Deamidated)	45	1	942.56104	3R:-:6985841-6985815	-	-	-	-
502	LQNVVGALK	N3(Deamidated)	45	1	942.56104	3R:-:6985841-6985815	-	-	-	-
503	LLGGLAVR	-	70	2	399.76413	3R:-:6440595-6440572	BX019561	-	-	-
504	ASNAADQLQAVR	N3(Deamidated), Q7(Deamidated), Q9(Deamidated)	67	2	623.79956	3R:-:6124686-6124651	BM585925;BX768383; BX008453;BX765924; BX768533;BX035927; CR531070	-	-	-
505	LLMLLGQR	M3(Oxidation), Q7(Deamidated)	59	1	960.55882	3R:-:570289-570266	CD747010	-	-	-
506	DVIESKLNK	N8(Deamidated)	52	1	1046.57573	3R:-:51541358-51541332	-	-	-	-
507	HALDVQR	Q6(Deamidated)	57	2	420.22333	3R:-:50768292-50768272	-	-	-	-
508	ISNLTVAIR	N3(Deamidated)	58	1	987.58470	3R:-:50500946-50500920	-	-	-	-
509	FEAIAAR	-	55	2	389.21625	3R:-:50382897-50382877	-	-	-	-
510	ISVYDLLR	-	52	2	489.78641	3R:-:49779163-49779140	-	-	-	-

511	LNNQFTLKVCFNDQMR	N3(Deamidated), C10(Carbamidomethyl), Q14(Deamidated), M15(Oxidation)	50	1	2045.96061	3R:-:49519987-49519940	-	-	-	-
512	LNNQFTLKVCFNDQMR	N3(Deamidated), C10(Carbamidomethyl), N12(Deamidated), M15(Oxidation)	50	1	2045.96061	3R:-:49519987-49519940	-	-	-	-
513	VELTVVSVAIGEK	-	41	1	1343.77666	3R:-:49483883-49483845	BM598341;CR527876; BM626909;BM618776; BM620740;BX614331; BM646358;CR534516; BM624969;BM635137; BM656094;BM635270; BM619641;BM626074; BM652433	-	-	-
514	LILIVPK	-	32	2	398.28894	3R:-:4934929-4934909	-	-	-	-
515	LLNILLDNL	N3(Deamidated)	53	1	1041.63030	3R:-:4890671-4890645	-	-	-	-
516	GFELHVADLHVQQPK	-	74	1	1717.89971	3R:-:487065-487021	-	SNAP_ANOPHELES00000003694	-	-
517	GPLEAQGGHELAANCLAEIAR	C15(Carbamidomethyl)	74	3	726.36487	3R:-:486987-486925	-	SNAP_ANOPHELES00000003694	-	-
518	VLNENCANFSTTER	C6(Carbamidomethyl)	93	1	1654.75139	3R:-:486042-486001	-	SNAP_ANOPHELES00000003694	-	-
519	FVLTVSSTSTGHDLANVESR	-	87	1	2120.06687	3R:-:485479-485420	-	SNAP_ANOPHELES00000003694	-	-
520	NKPKLCWVCIELLK	C6(Carbamidomethyl), C9(Carbamidomethyl)	46	1	1801.00322	3R:-:48526572-48526531	-	-	-	-
521	EGLLETEIITLIR	-	72	2	750.44104	3R:-:485022-484984	-	-	CPIJ000465-PA	AAEL009269-PA
522	LVDSATSAGTHVALLK	-	118	1	1582.88359	3R:-:484431-484384	-	SNAP_ANOPHELES00000003694	-	-
523	HNLITLK	-	46	1	838.51061	3R:-:482939-482919	-	SNAP_ANOPHELES00000003694	-	-
524	AATVYGNSEHDGK	-	63	1	1348.61614	3R:-:482876-482838	-	SNAP_ANOPHELES00000003694	-	-
525	WTKQSTSQIR	-	56	2	617.82520	3R:-:48272620-48272591	CR534783	-	-	-
526	FAGLALAR	-	54	1	818.48804	3R:-:47917892-47917869	BM595463	-	-	-
527	TDLTGEEDSNGQYGIDGGR	-	144	1	1983.85393	3R:-:47642599-47642543	BM598730;BM628250; CR529146;CR529147	SNAP_ANOPHELES00000013269	-	-
528	TDLTGEEDSNGQYGIDGGR	N10(Deamidated)	116	2	992.92303	3R:-:47642599-47642543	BM598730;BM628250; CR529146;CR529147	SNAP_ANOPHELES00000013269	-	-
529	SLSLFNWNNQASR	-	62	2	768.88147	3R:-:47642382-47642344	BM598730;BM628250; CR529146;CR529147	-	-	-
530	AGDQQPGTSNSAPSVK	-	65	2	772.37335	3R:-:47371495-47371448	-	SNAP_ANOPHELES00000002393	-	-
531	RNLQSPAK	N-Term(Acetyl), N2(Deamidated), Q4(Deamidated)	47	1	957.50879	3R:-:4730093-4730070	-	-	-	-
532	LENDIEIIKR	N-Term(Acetyl)	59	1	1284.71684	3R:-:47130662-47130633	-	-	-	-
533	NQILIWLIGSK	-	39	1	1284.77934	3R:-:47129861-47129829	-	-	-	-
534	VSLERGGIL	-	55	1	943.55803	3R:-:47029504-47029478	-	-	-	-
535	FLEVLQNDFR	-	61	2	640.83588	3R:-:46966808-46966779	-	-	-	-
536	NISKSLSK	N-Term(Acetyl)	54	1	918.52556	3R:-:45901878-45901855	-	-	-	-
537	INNILVQK	-	45	1	941.57727	3R:-:45853018-45852995	-	-	-	-
538	LQISITSTIVNSIGLN	-	49	1	1672.96770	3R:-:45377725-45377678	-	-	-	-
539	QFYSLQLPGK	-	65	2	590.82404	3R:-:45290303-45290274	-	SNAP_ANOPHELES00000008573	-	-
540	APPGNTVEVK	-	54	1	1011.54668	3R:-:45290261-45290232	-	SNAP_ANOPHELES00000008573	-	-

541	LRLPKPPNLAR	-	81	1	1274.80432	3R:-:45281162-45281130	CX817961;GO935194;ncbi_CX817977;CX817977	-	-	-
542	AAEVHSGLCELAPEHK	C9(Carbamidomethyl)	74	1	1747.84238	3R:-:45191204-45191157	CD745345;BX037885;BX037886;AL934886;BX030547;BX072298;BX467393;BX072297;CD743947	SNAP_ANOPHELES00000008543	-	-
543	GDVMIPR	M4(Oxidation)	50	2	402.20688	3R:-:44451644-44451624	-	-	-	-
544	NAYATELLGIVAHTEDLLR	-	60	1	2099.12418	3R:-:44097598-44097542	AL934831	SNAP_ANOPHELES00000013622	-	-
545	LNQNQIR	N2(Deamidated), N4(Deamidated), Q5(Deamidated)	56	1	888.44371	3R:-:4393682-4393662	-	-	-	-
546	NTYTLKLIK	-	51	1	1093.66467	3R:-:43934120-43934094	-	-	-	-
547	IVLWDLR	-	50	1	914.54479	3R:-:43340410-43340390	-	-	-	-
548	ILNTLIHK	-	40	1	951.60234	3R:-:43002581-43002558	BX624692	-	-	-
549	GNFNSNALKIDGK	-	65	2	689.35864	3R:-:42671891-42671853	-	-	-	-
550	VPVERPVPVEIEK	-	89	1	1490.85747	3R:-:42388090-42388052	-	SNAP_ANOPHELES00000018779	-	-
551	HVPYEVEKPVPYPVK	-	78	1	1780.95993	3R:-:42388051-42388007	-	SNAP_ANOPHELES00000018779	-	-
552	VAQIEVAQK	N-Term(Acetyl), Q3(Deamidated), Q8(Deamidated)	64	2	515.27771	3R:-:41499854-41499828	-	-	-	-
553	FILIIMRK	M6(Oxidation)	41	1	1049.65215	3R:-:41477966-41477943	-	-	-	-
554	ILITLCQPGPVGLRGR	C6(Carbamidomethyl)	48	1	1750.01584	3R:-:41459798-41459751	-	-	-	-
555	TNLLIIDR	-	57	2	479.28995	3R:-:41394830-41394807	-	-	-	-
556	YQILNASLFV	Q2(Deamidated), N5(Deamidated)	48	2	585.30945	3R:-:41188730-41188701	-	-	-	-
557	IPIFLEGLGK	-	49	1	1086.65203	3R:-:41071282-41071253	-	-	-	-
558	IIVPLLLR	-	30	1	936.65961	3R:-:40787294-40787271	-	-	-	-
559	TTKNHVNQIVMQK	N-Term(Acetyl), N4(Deamidated), N7(Deamidated), Q8(Deamidated), Q12(Deamidated)	59	2	793.89240	3R:-:40588896-40588858	-	-	-	-
560	TTKNHVNQIVMQK	N-Term(Acetyl), N4(Deamidated), N7(Deamidated), Q8(Deamidated), M11(Oxidation), Q12(Deamidated)	54	1	1602.77190	3R:-:40588896-40588858	-	-	-	-
561	KTTLNGQVNLVR	N5(Deamidated), Q7(Deamidated), N9(Deamidated)	50	1	1345.72190	3R:-:40355615-40355580	-	-	-	-
562	IYYLDKANVINK	N8(Deamidated), N11(Deamidated)	49	1	1455.76763	3R:-:40272368-40272333	-	-	-	-
563	IPIQPIILR	Q4(Deamidated)	41	1	1063.69182	3R:-:39727869-39727843	-	-	-	-
564	ILQLIQNK	-	45	1	969.60716	3R:-:39289788-39289765	-	-	-	-
565	FALSDFSR	-	55	1	942.46788	3R:-:3906741-3906718	-	-	-	-
566	LTVLVGGAR	-	52	2	443.27573	3R:-:37807833-37807807	-	-	-	-
567	HDNAESGGSHSNSGGGGGGGSAIPEDVSLEELEK	-	50	1	3237.42807	3R:-:37669061-37668960	CR526658	SNAP_ANOPHELES00000002365	-	-
568	RLQLQQQLR	Q3(Deamidated), Q5(Deamidated), Q6(Deamidated), Q7(Deamidated)	56	1	1186.63176	3R:-:37563798-37563772	-	-	-	-
569	AKNESIITDK	N3(Deamidated)	58	1	1119.58891	3R:-:37431277-37431248	-	-	-	-
570	ISLTIQLR	Q6(Deamidated)	54	1	944.57842	3R:-:37430003-37429980	-	-	-	-
571	ALNFIAKS	N3(Deamidated)	54	2	432.74481	3R:-:37183198-37183175	-	-	-	-
572	FGVDLWEFGR	-	74	2	613.30591	3R:-:36927064-36927035	EF990671	SNAP_ANOPHELES00000017845	-	AAEL009062-PA

573	RPHFLSNVNTALQFLTSK	-	57	1	2073.13913	3R:-:36118194-36118141	-	SNAP_ANOPHELES00000001506	-	-
574	ELTPEQIQLLDEWTK	-	98	1	1842.95659	3R:-:36043338-36043294	-	SNAP_ANOPHELES00000001494	-	-
575	QLIGLIAAPLK	-	44	2	568.87390	3R:-:36035786-36035754	-	SNAP_ANOPHELES00000001488	-	-
576	RLQLEEEIR	Q3(Deamidated)	56	1	1186.63176	3R:-:35777374-35777348	-	-	-	-
577	GFYGCFSWLK	C5(Carbamidomethyl)	61	2	632.79504	3R:-:35601598-35601569	-	SNAP_ANOPHELES00000016939	-	-
578	QLAALAER	Q1(Deamidated)	66	2	436.74527	3R:-:35146644-35146621	-	-	-	-
579	INIVDVSNEQMFHLK	M11(Oxidation)	48	1	1802.93315	3R:-:344170-344126	-	-	-	-
580	LAKAQGIR	Q5(Deamidated)	49	2	429.26315	3R:-:3361452-3361429	-	-	-	-
581	LNAVLPR	N-Term(Acetyl), N2(Deamidated)	51	2	413.24442	3R:-:33257643-33257623	-	-	-	-
582	NGEVSSLATTTFLDVRAFLIK	N1(Deamidated)	56	1	2283.19260	3R:-:32596695-32596633	-	-	-	-
583	DTGQQDDDTSASSTSR	-	121	2	835.84210	3R:-:3259307-3259260	-	-	-	-
584	QSSPEEEHPDSQFPLPDNMTEQEK	M19(Oxidation)	117	1	2815.20114	3R:-:31813729-31813658	BM618827;BM581085;BM628393	-	-	-
585	KILLQQQLNEHR	-	93	1	1519.87578	3R:-:31813600-31813565	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
586	ILLQQQLNEHR	-	74	1	1391.77751	3R:-:31813597-31813565	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
587	ILLQQQLNEHRDPQNHQLPSSPAEQQQR	N8(Deamidated)	59	1	3333.67983	3R:-:31813597-31813514	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
588	ILLQQQLNEHRDPQNHQLPSSPAEQQQR	Q25(Deamidated)	57	1	3333.68208	3R:-:31813597-31813514	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
589	ILLQQQLNEHRDPQNHQLPSSPAEQQQR	Q6(Deamidated)	59	1	3333.67983	3R:-:31813597-31813514	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
590	ILLQQQLNEHRDPQNHQLPSSPAEQQQR	-	147	1	3332.68357	3R:-:31813597-31813514	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
591	ILLQQQLNEHRDPQNHQLPSSPAEQQQR	Q17(Deamidated)	65	1	3333.67600	3R:-:31813597-31813514	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
592	DPQNHQLPSSPAEQQQR	-	109	1	1959.92851	3R:-:31813564-31813514	BM618827;BM581085;BM628393	SNAP_ANOPHELES00000015546	-	-
593	IKEQEQQIGR	-	83	1	1228.67851	3R:-:31813513-31813484	BM618827;BM581085;BM628393;BX623077	SNAP_ANOPHELES00000015546	-	-
594	EMEVQMQLAK	-	61	2	603.79681	3R:-:31813483-31813454	BM618827;BM581085;BX623077	SNAP_ANOPHELES00000015546	-	-
595	EMEVQMQLAK	M2(Oxidation), M6(Oxidation)	70	2	619.79126	3R:-:31813483-31813454	BM618827;BM581085;BX623077	SNAP_ANOPHELES00000015546	-	-
596	QQLAQQMENPSQTPGQIK	M7(Oxidation)	122	1	2042.00102	3R:-:31813435-31813382	BM618827;BX623077;BM654401;BM632784	SNAP_ANOPHELES00000015546	-	-
597	QQLAQQMENPSQTPGQIK	-	92	2	1013.50690	3R:-:31813435-31813382	BM618827;BX623077;BM654401;BM632784	SNAP_ANOPHELES00000015546	-	-
598	EMLFALKLDK	M2(Oxidation)	68	1	1223.67046	3R:-:31813357-31813328	BM618827;BM640782;BX623077;BM654401;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
599	EMLFALKLDK	-	65	1	1207.67510	3R:-:31813357-31813328	BM618827;BM640782;BX623077;BM654401;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
600	LDKVMELEK	M5(Oxidation)	75	1	1120.58110	3R:-:31813336-31813310	BM618827;BM640782;BX623077;BM654401;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-

601	LDKVMELEK	-	60	1	1104.60157	3R:-:31813336-31813310	BM618827;BM640782; BX623077;BM654401; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
602	RLQAQHQDPPSPSQEQSIK	-	84	1	2174.09671	3R:-:31813285-31813229	BM618827;BM640782; BX623077;BM654401; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
603	LQAQHQDPPSPSQEQSIK	-	122	1	2018.00864	3R:-:31813282-31813229	BM618827;BM640782; BX623077;BM654401; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
604	LQAQHQDPPSPSQEQSIKQL EQQIQR	-	112	1	3041.53763	3R:-:31813282-31813205	BM640782;BX623077; BM654401;BM622903; BM632784;BM656290; BM626476	SNAP_ANOPHELES00000 015546	-	-
605	QLEQQIQR	-	57	2	521.78564	3R:-:31813228-31813205	BM640782;BX623077; BM654401;BM622903; BM632784;BM656290; BM626476	SNAP_ANOPHELES00000 015546	-	-
606	GMLMVQDLQELIQR	M2(Oxidation), Q6(Deamidated)	70	1	1690.87346	3R:-:31813204-31813163	BM640782;BX623077; BM654401;BM597218; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
607	GMLMVQDLQELIQR	M2(Oxidation)	124	1	1689.86821	3R:-:31813204-31813163	BM640782;BX623077; BM654401;BM597218; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
608	GMLMVQDLQELIQR	-	124	1	1673.87346	3R:-:31813204-31813163	BM640782;BX623077; BM654401;BM597218; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
609	GMLMVQDLQELIQR	M4(Oxidation)	131	1	1689.86846	3R:-:31813204-31813163	BM640782;BX623077; BM654401;BM597218; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
610	GMLMVQDLQELIQR	M2(Oxidation), M4(Oxidation)	110	1	1705.86821	3R:-:31813204-31813163	BM640782;BX623077; BM654401;BM597218; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
611	QKNQLQQHIEQK	-	70	1	1521.81369	3R:-:31813162-31813127	BM640782;BX623077; BM654401;BM597218; BM622903;BM632784; BM656290;BM626476	SNAP_ANOPHELES00000 015546	-	-
612	NQLQQHIEQK	Q4(Deamidated)	55	1	1266.64006	3R:-:31813156-31813127	BM640782;BM641126; BX623077;BM654401; BM597218;BM622903; BM632784;BM656290; BM626476	SNAP_ANOPHELES00000 015546	-	-
613	NQLQQHIEQK	-	76	1	1265.66020	3R:-:31813156-31813127	BM640782;BM641126; BX623077;BM654401; BM597218;BM622903; BM632784;BM656290; BM626476	SNAP_ANOPHELES00000 015546	-	-

614	QHPYYENHPDSLVK	-	79	1	1726.82610	3R:-:31813126-31813085	BM640782;BM641126;BX623077;BM654401;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
615	LKHHISEQER	-	73	1	1276.67475	3R:-:31813084-31813055	BM640782;BM654401;BM597218;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
616	EMLMQLQLTK	M2(Oxidation)	77	1	1250.64897	3R:-:31812880-31812851	BM640782;BM649433;BM641126;BM605057;BX623077;BM654401;BM597218;BM597631;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
617	EMLMQLQLTK	M4(Oxidation)	72	1	1250.64812	3R:-:31812880-31812851	BM640782;BM649433;BM641126;BM605057;BX623077;BM654401;BM597218;BM597631;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
618	EMLMQLQLTK	M2(Oxidation), M4(Oxidation)	69	2	633.83282	3R:-:31812880-31812851	BM640782;BM649433;BM641126;BM605057;BX623077;BM654401;BM597218;BM597631;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
619	EMLMQLQLTK	-	81	1	1234.65361	3R:-:31812880-31812851	BM640782;BM649433;BM641126;BM605057;BX623077;BM654401;BM597218;BM597631;BM622903;BM632784;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
620	VQLQIEQAR	-	77	1	1084.61016	3R:-:31812835-31812809	BM640782;BM649433;BM641126;BM605057;BM654401;ncbi_BM618691;BM618691;BM597218;BM597631;BM622903;BM656290;BM626476	SNAP_ANOPHELES00000015546	-	-
621	QSLNKVK	N-Term(Acetyl), N4(Deamidated)	52	1	859.48802	3R:-:31694063-31694043	-	-	-	-
622	AAEEELIKR	-	63	2	529.79437	3R:-:31570151-31570125	-	-	-	-
623	LNNKLILTK	N-Term(Acetyl), N2(Deamidated)	47	1	1099.68218	3R:-:31548718-31548692	-	-	-	-
624	LNNKLILTK	N-Term(Acetyl), N3(Deamidated)	47	1	1099.68218	3R:-:31548718-31548692	-	-	-	-
625	QYNVVNNKLIK	N-Term(Acetyl), Q1(Deamidated), N6(Deamidated), N7(Deamidated)	61	1	1377.71892	3R:-:31017768-31017736	BM586391;BM634394	-	-	-
626	QYNVVNNKLIK	N-Term(Acetyl), N3(Deamidated), N6(Deamidated), N7(Deamidated)	61	1	1377.71892	3R:-:31017768-31017736	BM586391;BM634394	-	-	-
627	LLIFLVKY	-	41	1	1008.63921	3R:-:30843444-30843421	-	-	-	-
628	LSSEVLALCAR	C9(Carbamidomethyl)	52	1	1218.65569	3R:-:30500968-30500936	-	-	-	-
629	LANNSRQIR	N3(Deamidated), N4(Deamidated), Q7(Deamidated)	56	2	537.78204	3R:-:30220081-30220055	-	-	-	-
630	KLLLLTIDK	-	41	1	1056.71501	3R:-:30106308-30106282	-	-	-	-

631	ILIISILER	N-Term(Acetyl)	44	1	1111.70818	3R:-:29677587-29677561	-	-	-	-
632	SSSIPDSIR	-	67	2	481.25070	3R:-:28937590-28937564	-	-	-	-
633	ALQNFYNK	Q3(Deamidated), N4(Deamidated), N7(Deamidated)	51	1	1000.46893	3R:-:28924953-28924930	-	-	-	-
634	SLQSYAKLHFLIFMAK	M14(Oxidation)	52	1	1913.01628	3R:-:28896741-28896694	-	-	-	-
635	LLDLLEAVR	-	54	1	1041.63347	3R:-:28673179-28673153	-	-	-	-
636	LLIKVNYFPK	N6(Deamidated)	45	1	1235.74895	3R:-:28470588-28470559	-	-	-	-
637	EQEEDKIAPIVAVK	-	62	1	1568.86223	3R:-:2806506-2806465	BM653332;FJ869235	-	-	-
638	LLQIDAITRAR	-	51	1	1269.77707	3R:-:27663853-27663821	-	-	-	-
639	KIVDIHLTQ	-	42	2	533.81683	3R:-:26781462-26781436	-	-	-	-
640	MVMVVILGEADK	M3(Oxidation)	54	1	1320.69829	3R:-:26684367-26684332	-	-	-	-
641	TYGNECQLDCDAK	C6(Carbamidomethyl), C10(Carbamidomethyl)	99	1	1573.62602	3R:-:2641300-2641262	BM654119	-	-	-
642	TYGNECQLDCDAK	C6(Carbamidomethyl), Q7(Deamidated), C10(Carbamidomethyl)	77	1	1574.61370	3R:-:2641300-2641262	BM654119	-	-	-
643	VVDLIIISAWSR	-	45	1	1371.79639	3R:-:26198182-26198147	-	-	-	-
644	IDQNQIR	N4(Deamidated), Q5(Deamidated)	56	1	888.44371	3R:-:25476791-25476771	-	-	-	-
645	SEIDQAAGFVDK	-	83	2	640.31329	3R:-:25441278-25441243	BX766989	SNAP_ANOPHELES00000004441	-	-
646	LHHVPGAHYESAQNR	-	80	1	1715.84026	3R:-:25441119-25441075	BX766989	SNAP_ANOPHELES00000004441	-	-
647	VSLQEALR	-	59	1	915.52568	3R:-:25440636-25440613	-	SNAP_ANOPHELES00000004441	-	-
648	QFINNFSLQK	N-Term(Acetyl), N4(Deamidated)	48	2	641.32794	3R:-:25022651-25022622	-	-	-	-
649	SSAPGKQQLIQQMAK	Q7(Deamidated), Q8(Deamidated), Q11(Deamidated), Q12(Deamidated), M13(Oxidation)	53	1	1634.81760	3R:-:2501307-2501263	-	-	-	-
650	GLEDEALELITR	-	63	2	679.86426	3R:-:24338056-24338021	CR525396	SNAP_ANOPHELES00000009006	-	-
651	ILLHQKTR	Q5(Deamidated)	40	1	1009.61730	3R:-:24302536-24302513	-	-	-	-
652	IMTSIRQFK	Q7(Deamidated)	51	1	1124.61921	3R:-:24269220-24269194	-	-	-	-
653	LDAELLSLR	-	54	1	1029.60906	3R:-:242281-242255	-	-	-	-
654	IYAISLNAR	N7(Deamidated)	53	1	1021.56987	3R:-:24051409-24051383	-	-	-	-
655	QLLAPAALVR	-	44	1	1051.66294	3R:-:2360794-2360765	-	-	-	-
656	AITEDLEEVWEGTK	-	107	1	1619.78020	3R:-:23006759-23006718	-	-	-	-
657	ILLHSNKGK	-	40	1	1009.61730	3R:-:2264857-2264831	-	-	-	-
658	QLAAFPNVFLHIER	-	63	1	1654.90610	3R:-:22405769-22405728	BM636900	SNAP_ANOPHELES00000019951	-	-
659	VYVPVKEYPDFNFVGR	-	64	1	1928.99485	3R:-:22405610-22405563	BM636900;BM630635	SNAP_ANOPHELES00000019951	-	-
660	VAPADNTFSFDPQQYTDDRWK	-	66	1	2501.14432	3R:-:22405235-22405173	-	SNAP_ANOPHELES00000019951	-	-
661	TAPNPLGAPIILSPR	-	49	1	1516.88457	3R:-:22405070-22405026	-	SNAP_ANOPHELES00000019951	-	-
662	ESPATVPTPTSDATVENEQK	-	69	2	1051.00208	3R:-:22317057-22316998	-	SNAP_ANOPHELES00000019875	-	-
663	VVIDEWLNAMPAGAR	-	78	2	821.42371	3R:-:22246017-22245973	GO935201	SNAP_ANOPHELES00000019838	-	-
664	VVIDEWLNAMPAGAR	M10(Oxidation)	107	1	1657.83708	3R:-:22246017-22245973	GO935201	SNAP_ANOPHELES00000019838	-	-
665	ANWVLGNHDRPR	N7(Deamidated)	70	1	1435.72258	3R:-:22245972-22245937	BX060692;GO935201;BX022786;BX030664;BX060691	SNAP_ANOPHELES00000019838	CPIJ013171-PA	AAEL010532-PA
666	ANWVLGNHDRPR	-	53	1	1434.73890	3R:-:22245972-22245937	BX060692;GO935201;BX022786;BX030664;BX060691	SNAP_ANOPHELES00000019838	CPIJ013171-PA	AAEL010532-PA

667	DITFEETQDPQAANTNPDVYQQFTR	-	114	1	2928.33506	3R:-:22245822-22245748	BX060692;GO935201	SNAP_ANOPHELES00000019838	-	-
668	TPFQWDATAYAGFTVASAQK	-	153	1	2160.05181	3R:-:22245735-22245676	GO935201;BX062207;BX030664;BX060691;AL931542	SNAP_ANOPHELES00000019838	-	-
669	KEHTFMHGDFESK	M6(Oxidation)	97	1	1608.71684	3R:-:22245570-22245532	BX060692;BX062207;BX030664;BX060691;AL931542	SNAP_ANOPHELES00000019838	-	-
670	EHTFMHGDFESK	-	74	1	1464.61992	3R:-:22245567-22245532	BX060692;BX062207;BX030664;BX060691;AL931542	SNAP_ANOPHELES00000019838	-	-
671	EHTFMHGDFESK	M5(Oxidation)	77	1	1480.61565	3R:-:22245567-22245532	BX060692;BX062207;BX030664;BX060691;AL931542	SNAP_ANOPHELES00000019838	-	-
672	VLLNNVFGYTR	N4(Deamidated)	77	1	1296.69328	3R:-:22245531-22245499	BX060692;BX062207;BX022786;BX030665;BX030664;BX060691;BX036711;AL931542	SNAP_ANOPHELES00000019838	-	-
673	VLLNNVFGYTR	-	73	2	648.36176	3R:-:22245531-22245499	BX060692;BX062207;BX022786;BX030665;BX030664;BX060691;BX036711;AL931542	SNAP_ANOPHELES00000019838	-	-
674	TLEGEQSYAVVVNLNDNDVNVNLQELHEDIDTAR	-	131	1	3826.83359	3R:-:22245498-22245397	BX060692;BX062207;BX062208;BX022786;BX060691	SNAP_ANOPHELES00000019838	-	-
675	VALTSLDAR	-	72	2	473.27179	3R:-:22245396-22245370	BX060692;BX062207;BX022786;BX030665;BX060691;BX036711	SNAP_ANOPHELES00000019838	-	-
676	MKEGDEVTEVFHVVLGR	M1(Oxidation)	141	1	1960.98941	3R:-:22245369-22245319	BX060692;BX062207;BX062208;BX022786;BX030665;BX060691	SNAP_ANOPHELES00000019838	-	-
677	MKEGDEVTEVFHVVLGR	-	110	1	1944.98417	3R:-:22245369-22245319	BX060692;BX062207;BX062208;BX022786;BX030665;BX060691	SNAP_ANOPHELES00000019838	-	-
678	EGDEVTEVFHVVLGR	-	105	1	1685.86174	3R:-:22245363-22245319	BX060692;BX062207;BX062208;BX022786;BX030665;BX060691	SNAP_ANOPHELES00000019838	-	-
679	DWYQHATFYQIYPR	-	71	1	1887.88694	3R:-:22228188-22228147	EU165335	SNAP_ANOPHELES00000019824	CPIJ013173-PA	AAEL010537-PA
680	SFQDSNGDGIGDLK	N6(Deamidated)	89	2	727.32782	3R:-:22228146-22228105	EU165335	SNAP_ANOPHELES00000019824	-	-
681	SFQDSNGDGIGDLK	-	102	2	726.83337	3R:-:22228146-22228105	EU165335	SNAP_ANOPHELES00000019824	-	-
682	LMLDFIPNHSSDEHDWFVQSANGVAK	M2(Oxidation), N22(Deamidated)	138	1	2974.38425	3R:-:22227915-22227838	EU165335	SNAP_ANOPHELES00000019824	-	-
683	LMLDFIPNHSSDEHDWFVQSANGVAK	M2(Oxidation)	87	1	2973.39199	3R:-:22227915-22227838	EU165335	SNAP_ANOPHELES00000019824	-	-
684	LILNDQK	N4(Deamidated), Q6(Deamidated)	53	1	845.46155	3R:-:22194518-22194498	-	-	-	-
685	ILISHFFANK	N9(Deamidated)	52	1	1190.65656	3R:-:21724974-21724945	-	-	-	-
686	ISLLIDLTLLQ	N-Term(Acetyl), Q11(Deamidated)	39	1	1284.77934	3R:-:20932795-20932763	-	-	-	-
687	TVPVPIVVSHPVPVPITK	-	96	1	1879.14531	3R:-:20486448-20486395	-	SNAP_ANOPHELES00000020146	-	-
688	HVPVPVPQPYPVSVPHPVPVK	-	73	1	2269.29233	3R:-:20486394-20486332	-	SNAP_ANOPHELES00000020146	-	-
689	LYITIDDHEQ	Q10(Deamidated)	50	1	1247.58940	3R:-:20356527-20356498	-	-	-	-
690	ALKIGANIK	N-Term(Acetyl)	59	1	969.61077	3R:-:20347029-20347003	-	-	-	-
691	RASNIVPIIQK	Q10(Deamidated)	50	1	1239.73076	3R:-:20304031-20303999	-	-	-	-
692	ICMTEIIVIR	C2(Carbamidomethyl)	54	1	1247.66716	3R:-:20001328-20001299	-	-	-	-
693	NVAKTGVIISTK	-	48	2	615.87408	3R:-:19704168-19704133	-	-	-	-
694	AIYQLVIVYVGSFRIK	Q4(Deamidated)	47	1	1870.09953	3R:-:19199109-19199062	-	-	-	-
695	NTHINSSK	N1(Deamidated)	54	1	901.43805	3R:-:19162570-19162547	-	-	-	-
696	AIILTLRLD	N-Term(Acetyl)	50	2	535.33508	3R:-:18949127-18949101	-	-	-	-
697	ILAPERPK	-	42	1	923.56621	3R:-:1888424-1888401	-	-	-	-

698	MLQSPNEIKLQK	N6(Deamidated)	58	3	477.25552	3R:-:18340130-18340095	-	-	-	-
699	MLQSPNEIKLQK	Q3(Deamidated)	53	1	1429.75321	3R:-:18340130-18340095	-	-	-	-
700	QMLIFSC	C7(Carbamidomethyl)	40	1	898.41095	3R:-:18066227-18066207	AL930986	-	-	-
701	LNQLVQMRG	Q3(Deamidated)	53	1	1059.56767	3R:-:180222-180196	-	-	-	-
702	FSSLFLLFR	-	69	2	565.31726	3R:-:1753828-1753802	-	-	-	-
703	QFNTKDEVFK	N-Term(Acetyl), Q1(Deamidated)	50	1	1298.63848	3R:-:17511784-17511755	-	-	-	-
704	QFNTKDEVFK	N-Term(Acetyl), N3(Deamidated)	50	1	1298.63848	3R:-:17511784-17511755	-	-	-	-
705	LSSLISPR	-	54	2	436.76434	3R:-:16627966-16627943	AL931573	-	-	-
706	IIEQNNKEIR	Q4(Deamidated), N6(Deamidated)	59	1	1258.66643	3R:-:16437569-16437540	-	-	-	-
707	TLEDIESHFR	-	65	1	1246.61370	3R:-:16023616-16023587	BX628329	SNAP_ANOPHELES00000002713	-	-
708	LIKNMGFSR	N4(Deamidated), M5(Oxidation)	53	1	1082.55046	3R:-:15304849-15304823	-	-	-	-
709	IIVILIIE	-	52	2	463.31357	3R:-:15246177-15246154	-	-	-	-
710	RFILSVCIVNVV	N-Term(Acetyl), C7(Carbamidomethyl)	54	1	1460.81999	3R:-:15229113-15229078	-	-	-	-
711	FPRNWLQDDLR	N4(Deamidated)	55	1	1460.72600	3R:-:14618469-14618437	-	-	-	-
712	IGIHILGR	-	40	2	439.78256	3R:-:14468140-14468117	-	-	-	-
713	LVSLEGIEKG	-	53	1	1044.59722	3R:-:14277088-14277059	-	-	-	-
714	LSHNCILQANVRASNR	N4(Deamidated), C5(Carbamidomethyl), Q8(Deamidated), N10(Deamidated), N15(Deamidated)	49	1	1856.91374	3R:-:14105047-14105000	-	-	-	-
715	IINLLVQLN	N3(Deamidated), N9(Deamidated)	53	1	1041.63030	3R:-:13879788-13879762	-	-	-	-
716	IINLLVQLN	N3(Deamidated), Q7(Deamidated)	53	1	1041.63030	3R:-:13879788-13879762	-	-	-	-
717	ADLAAVVLQDVGVSR	-	55	2	756.92499	3R:-:13878639-13878595	-	SNAP_ANOPHELES00000016543	-	-
718	LHFFMTGFAPLTSR	-	93	1	1624.83208	3R:-:13725671-13725630	-	SNAP_ANOPHELES00000020902	CPIJ000407-PA	-
719	LHFFMTGFAPLTSR	M5(Oxidation)	99	1	1640.82634	3R:-:13725671-13725630	-	SNAP_ANOPHELES00000020902	CPIJ000407-PA	-
720	YLTVAAIFR	-	82	2	527.30798	3R:-:13725530-13725504	-	SNAP_ANOPHELES00000020902	CPIJ000407-PA	-
721	MSMKEVDEQMMNVQTK	M1(Oxidation), M3(Oxidation), M10(Oxidation), M11(Oxidation)	92	1	1992.85617	3R:-:13725497-13725450	-	SNAP_ANOPHELES00000020902	-	-
722	EVDEQMMNVQTK	M6(Oxidation), M7(Oxidation)	58	2	742.33344	3R:-:13725485-13725450	-	SNAP_ANOPHELES00000020902	-	-
723	MSSTFVGNSTAIQEIFK	M1(Oxidation)	136	1	1875.91789	3R:-:13725371-13725321	-	SNAP_ANOPHELES00000020902	-	-
724	MSSTFVGNSTAIQEIFKR	M1(Oxidation)	147	1	2032.01702	3R:-:13725371-13725318	-	SNAP_ANOPHELES00000020902	-	-
725	MSSTFVGNSTAIQEIFKR	-	117	1	2016.01933	3R:-:13725371-13725318	-	SNAP_ANOPHELES00000020902	-	-
726	IAEQFTAMFR	-	78	2	607.30542	3R:-:13725317-13725288	-	SNAP_ANOPHELES00000020902	-	-
727	IAEQFTAMFR	M8(Oxidation)	80	2	615.30273	3R:-:13725317-13725288	-	SNAP_ANOPHELES00000020902	-	-
728	FQAVSHVAEK	-	58	2	558.29944	3R:-:1371625-1371596	-	-	-	-
729	LIDLQLK	-	52	1	842.53368	3R:-:13624038-13624018	-	-	-	-
730	LDEAERQTK	-	58	1	1089.54546	3R:-:13462615-13462589	-	-	-	-
731	LDEAERQTK	Q7(Deamidated)	54	1	1090.52666	3R:-:13462615-13462589	-	-	-	-
732	LLELIKEVK	-	49	1	1084.69744	3R:-:13077669-13077643	-	-	-	-
733	HRIAVHLMK	M8(Oxidation)	51	2	560.82214	3R:-:12975461-12975435	-	-	-	-
734	LNVAAVK	-	43	2	357.72879	3R:-:12585287-12585267	-	-	-	-

735	VISTTNCIEILAQK	N6(Deamidated), C7(Carbamidomethyl), Q13(Deamidated)	60	1	1591.84075	3R:-:12537576-12537535	-	-	-	-
736	QQKITQIIK	Q1(Deamidated)	45	1	1100.66748	3R:-:12365741-12365715	-	-	-	-
737	QQKITQIIK	Q2(Deamidated)	45	1	1100.66748	3R:-:12365741-12365715	-	-	-	-
738	LLLINKTHQR	-	44	1	1235.74870	3R:-:12079923-12079894	-	-	-	-
739	NLSVIVAK	N-Term(Acetyl), N1(Deamidated)	52	1	886.52417	3R:-:11860980-11860957	-	-	-	-
740	LLVKLHLVR	-	29	1	1090.73371	3R:-:11721945-11721919	-	-	-	-
741	QSKEQMIGR	Q1(Deamidated), Q5(Deamidated), M6(Oxidation)	51	1	1094.51929	3R:-:11585083-11585057	-	-	-	-
742	LWEILDLK	-	54	1	1029.60906	3R:-:11551364-11551341	-	-	-	-
743	KLNQAEDVLNK	-	68	1	1271.69328	3R:-:11348772-11348740	BX766078;BM629198; BX606403;BM576631; BX614959;BM655240; BM646733;ncbi_BM63 8067;BM638067;BX62 7911	SNAP_ANOPHELES00000 019877	-	-
744	LNQAEDVLNK	-	83	2	572.30341	3R:-:11348769-11348740	BX766078;BM629198; BX606403;BM576631; BX614959;BM655240; BM646733;ncbi_BM63 8067;BM638067;BX62 7911	SNAP_ANOPHELES00000 019877	-	-
745	LNQAEDVLNKR	-	79	1	1299.70195	3R:-:11348769-11348737	BX766078;BM629198; BX606403;BM576631; BX614959;BM655240; BM646733;ncbi_BM63 8067;BM638067;BX62 7911	SNAP_ANOPHELES00000 019877	-	-
746	KWYTNLIGDETGCK	C13(Carbamidomethyl)	75	2	842.90369	3R:-:11348721-11348680	BX766078;BM629198; BX606403;BM576631; BM655240;AL693097; BM646733;BX627911	SNAP_ANOPHELES00000 019877	-	-
747	WYTNLIGDETGCK	C12(Carbamidomethyl)	65	2	778.85712	3R:-:11348718-11348680	BX766078;BM629198; BX606403;BM576631; BM655240;AL693097; BM646733;BX627911	SNAP_ANOPHELES00000 019877	-	-
748	FLRGPILLK	-	35	1	1056.69499	3R:-:1099077-1099051	-	-	-	-
749	AAQIAYIK	N-Term(Acetyl), Q3(Deamidated)	53	1	920.51324	3R:-:10983604-10983581	-	-	-	-
750	KIIIETVLK	-	41	1	1056.71501	3R:-:10692117-10692091	-	-	-	-
751	NLLIQLLELR	-	62	1	1224.77336	3R:-:10487300-10487271	-	-	-	-
752	FATSFSYPSIAEVIVR	-	64	1	1786.95005	3R:-:10485873-10485826	-	-	-	-
753	SIVENTEEITDYQEFLNSR	-	77	2	1144.03894	3R:-:10104739-10104683	-	SNAP_ANOPHELES00000 015467	-	-
754	QGNLKGVITK	Q1(Deamidated), N3(Deamidated)	53	1	1059.58977	3L:+:9440879-9440908	-	-	-	-
755	CIPLEQGNHTGRER	C1(Carbamidomethyl), Q6(Deamidated), N8(Deamidated)	54	1	1668.78716	3L:+:9174287-9174328	-	-	-	-
756	LIVYLTLKK	-	29	1	1090.73371	3L:+:9138224-9138250	BX019448;BX032188	SNAP_ANOPHELES00000 014183	-	-
757	YNIIDEKPPFNAPLKGQYK	-	56	1	2235.18216	3L:+:8989736-8989792	BM656453;BX628196; BM622343;BM595734; BX626605	SNAP_ANOPHELES00000 014280	-	-
758	YNIIDEKPPFNAPLK	-	66	1	1758.94352	3L:+:8989736-8989780	BM656453;BX628196; BM622343;BM595734; BX626605	SNAP_ANOPHELES00000 014280	-	AAEL014107-PA
759	FLLAQEAADEPVAK	-	98	2	751.39984	3L:+:8916514-8916555	BM655638;AJ282296; GO935161	SNAP_ANOPHELES00000 014262	-	-
760	FINVLIHK	N3(Deamidated)	50	2	492.79773	3L:+:8819230-8819253	-	-	-	-

761	SGTGIAAMSVMRPELIMK	M8(Oxidation)	83	1	1907.98149	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA
762	SGTGIAAMSVMRPELIMK	M11(Oxidation)	89	1	1907.97965	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA

763	SGTGIAAMSVMRPELIMK	M11(Oxidation), M17(Oxidation)	88	1	1923.97757	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA
764	SGTGIAAMSVMRPELIMK	M8(Oxidation), M17(Oxidation)	85	1	1923.97501	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA

765	SGTGIAAMSVMRPELIMK	-	115	1	1891.98491	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA
766	SGTGIAAMSVMRPELIMK	M8(Oxidation), M11(Oxidation), M17(Oxidation)	92	1	1939.96982	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA

767	SGTGIAAMSVMRPELIMK	M17(Oxidation)	90	1	1907.98223	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA
768	SGTGIAAMSVMRPELIMK	M8(Oxidation), M11(Oxidation)	92	1	1923.97428	3L:+:8617935-8617988	BM642400;BM575001; BM600797;BM634221; BM656490;BM609876; BX604811;BM575897; BM602588;BM644980; BX768721;BM579853; BX011627;BM652966; BM628976;BM618062; BM587043;BX035037; BM606853;BM615825; BM629943;CX817492; BM627338;BM654685; AJ281964;BM595950; BM629957;BM644573; BX020528;BX021906; BM584707;BX022536; BX016528;BM646227; BM575697;BX023184; BX023183;BM588960; BM630170;BM579976; BM615321;BM605996; BM654960;BM645196; BM618680;BM616955; BM649561;BM644774; BM636968;GO935117; BM635477;BX766948; BM611605;BM633503; BM605265;BM631950; BM578102;BM580397; BM657249;BM657240; BM578218;ncbi_BM57 8218;BM624786;BM57	SNAP_ANOPHELES00000 002954	CPIJ011018-PA	AAEL000291-PA
769	SLSIIALQNAPR	Q8(Deamidated), N9(Deamidated)	48	2	642.85419	3L:+:8320595-8320630	-	-	-	-

770	ILLQFATIFL	-	40	1	1178.72550	3L:+:7980465-7980494	-	-	-	-
771	SPQLWIQR	-	55	2	514.28827	3L:+:6471605-6471628	-	-	-	-
772	LILLTWSKV	-	40	1	1072.67558	3L:+:6210401-6210427	-	-	-	-
773	NISSNDILLGARTNQHTSR	N1(Deamidated)	46	1	2098.08623	3L:+:5974962-5975018	-	-	-	-
774	NISSNDILLGARTNQHTSR	N5(Deamidated)	46	1	2098.08623	3L:+:5974962-5975018	-	-	-	-
775	INTNHLR	N2(Deamidated), N4(Deamidated)	52	2	435.22757	3L:+:5156215-5156235	-	-	-	-
776	IFEAICNCTNSATIPGQRPATA PANVGSTSK	C6(Carbamidomethyl), C8(Carbamidomethyl)	167	1	3233.56858	3L:+:4999154-4999246	BX467846	-	-	-
777	VEMNLDVQHCHDDIDTK	C10(Carbamidomethyl)	76	2	1034.95105	3L:+:4997381-4997431	BM610742;BM631268	SNAP_ANOPHELES00000 009185	-	-
778	VEMNLDVQHCHDDIDTK	M3(Oxidation), C10(Carbamidomethyl)	61	1	2084.89194	3L:+:4997381-4997431	BM610742;BM631268	SNAP_ANOPHELES00000 009185	-	-
779	WTLFGELQR	-	73	1	1149.58989	3L:+:4858675-4858701	-	-	-	-
780	ENLEPLAAQK	-	52	1	1112.61077	3L:+:41377679-41377708	-	-	-	-
781	SLLVAKVSFSK	-	44	1	1178.72864	3L:+:41330711-41330743	-	-	-	-
782	NELLSLLSVPK	-	63	2	606.87207	3L:+:41315989-41316021	-	-	-	-
783	INTFLEKAWL	N2(Deamidated)	61	2	618.33990	3L:+:41283920-41283949	-	-	-	-
784	ISNLVDTDRPLLWVPSPK	-	46	1	2050.12992	3L:+:40753721-40753774	BX026023	SNAP_ANOPHELES00000 006692	-	-
785	LTLNINNTR	N4(Deamidated), N6(Deamidated)	58	2	530.78394	3L:+:40715485-40715511	-	-	-	-
786	QEPPGLLGK	Q1(Deamidated)	52	2	470.26556	3L:+:40578790-40578816	-	-	-	-
787	NVLHTLICILK	C8(Carbamidomethyl)	39	1	1323.78472	3L:+:4002335-4002367	-	-	-	-
788	AALYYLLLNFR	-	89	2	678.88739	3L:+:39813471-39813503	AJ281422;ncbi_AJ281 422	SNAP_ANOPHELES00000 024241	-	-
789	NNIQPGTYLPFGAGPR	-	86	2	851.43713	3L:+:39813384-39813431	AJ283034;AY748829	SNAP_ANOPHELES00000 024241	-	-
790	GTLVFIPVVGIHFDPK	-	56	1	1738.99101	3L:+:39813282-39813329	GO935202;BX616044; BX609474;AY748829	SNAP_ANOPHELES00000 024241	-	-
791	HGVLRSK	-	54	2	398.73846	3L:+:39589413-39589433	-	-	CPIJ016889-PA	AAEL010391-PA,AAEL010367-PA
792	HGIIVLK	N-Term(Acetyl)	42	1	821.52477	3L:+:3949896-3949916	-	-	-	-
793	SNNLPSLDACGPPPVDSR	C10(Carbamidomethyl)	115	1	1895.89287	3L:+:39498393-39498446	-	-	-	-
794	LGGITTLDK	-	52	2	459.26788	3L:+:3945206-3945232	-	-	-	-
795	IGLLVVVLGLELDK	-	38	1	1480.92478	3L:+:38764356-38764397	-	-	-	-
796	LLLIPTYVSQSAATNR	-	71	2	873.99353	3L:+:3869532-3869579	-	-	-	-
797	TNPVSANALGSTGGQR	-	60	2	765.38745	3L:+:3866478-3866525	-	-	-	-
798	ATSANLVEVDVCVNR	N5(Deamidated), C12(Carbamidomethyl), N14(Deamidated)	55	1	1648.77190	3L:+:38220142-38220186	-	-	-	-
799	QGQSTVPAPNR	-	52	2	577.79877	3L:+:37752133-37752165	BM618105	-	-	-
800	QPVGQKER	Q1(Deamidated), Q5(Deamidated)	54	1	943.48784	3L:+:37697962-37697985	-	-	-	-
801	LYGDSTATATPTPPASSTAGD GKP	-	67	2	1132.04077	3L:+:37601002-37601073	BX618633	SNAP_ANOPHELES00000 023340	-	-
802	YPADLLEYYIK	-	91	1	1387.71648	3L:+:37599520-37599552	GO935186;BM624663	SNAP_ANOPHELES00000 023340	-	-
803	RLCLGAALR	C3(Carbamidomethyl)	56	2	515.30621	3L:+:37546518-37546544	-	-	-	-
804	IRFDLNDTVVHIK	-	55	1	1569.88474	3L:+:37477902-37477940	BX009010;BX030306; BX026854;BX027428; BX026567;BX008322; BX066494;BX022390; BX014222;BX028808; BX048851;BX024389; BX032814;BX009091; BX037428;BX034853	SNAP_ANOPHELES00000 023324	-	-
805	LGLKMILK	M5(Oxidation)	54	2	466.30249	3L:+:37317902-37317925	-	-	-	-
806	LSIIFLQR	-	42	1	989.61388	3L:+:36842666-36842689	-	-	-	-

807	VDPAAAPEQRPPGAYVVER	-	52	1	2022.04154	3L:+:36667819-36667875	BX613620;BX615193; CR535970;BM593472; BX071366;BX065141; BM622264;BX609264; BX047862;BX071365	SNAP_ANOPHELES00000 018192	-	-
808	KVDPAAAPEQRPPGAYVVER	-	69	1	2150.13498	3L:+:36667816-36667875	BX613620;BX615193; CR535970;BM593472; BX071366;BX065141; BM622264;BX609264; BX047862;BX071365	SNAP_ANOPHELES00000 018192	-	-
809	YGNYTFLGK	-	61	2	531.76630	3L:+:36667501-36667527	BX613620;BX467327; CR535970;BX052285; BM642655;BX007097; BM593472;BX065140; BM612566;BM599634; ncbi_BM642655;BX60 9264;BM607205;BM59 1873;BX047862;BM57 4979;BX023106;BX07 1365	SNAP_ANOPHELES00000 018192	-	-
810	TVITPDPNIGVEEIGIPTR	-	46	1	2021.09929	3L:+:36221335-36221391	-	SNAP_ANOPHELES00000 012341	-	-
811	FSGNTSDVVSDSTR	-	102	2	736.33942	3L:+:36174000-36174041	BX626513	SNAP_ANOPHELES00000 012334	-	AAEL001539-PA
812	SGDAIVVSQFFSCPYSLLLYPL LCPVKR	Q9(Deamidated), C13(Carbamidomethyl), C24(Carbamidomethyl)	42	1	3230.66782	3L:+:36098643-36098726	-	-	-	-
813	NIVIILKAQSEIK	N1(Deamidated), Q9(Deamidated)	61	2	735.93549	3L:+:36088510-36088548	-	-	-	-
814	QLAEAATVDPDAAEK	-	63	2	764.87842	3L:+:35718315-35718359	BM597937;BM649497	SNAP_ANOPHELES00000 022256	-	-
815	AIESVGASEEPFLGFTVR	-	115	1	1908.97185	3L:+:35514512-35514565	-	SNAP_ANOPHELES00000 013402	-	-
816	LIDKPGLIYPTEPQYGIIGELLR	-	109	1	2598.45810	3L:+:35514275-35514343	-	SNAP_ANOPHELES00000 013402	-	-
817	IRDDLEAVDK	-	53	1	1173.60906	3L:+:35513384-35513413	-	SNAP_ANOPHELES00000 013402	-	-
818	VLLIIQR	-	54	2	427.79544	3L:+:3514806-3514826	-	-	-	-
819	QTTGTPIDIQNILDR	Q1(Deamidated), N11(Deamidated)	45	1	1686.85832	3L:+:3484475-3484519	-	-	-	-
820	QQVESGATDVSNSLK	-	63	2	781.88965	3L:+:34818507-34818551	BM614193;BM613178	SNAP_ANOPHELES00000 009868	-	-
821	SVSSGEAIEEWQLPAR	-	110	1	1758.87163	3L:+:34064357-34064404	BX046861;BX069254; BX038552;BX038551; BM632835;BM585651; BM580144;BX615320; BM651735;BM634474; CR535692;BM590879; BM631549;BM644337; BX020069;BM638830; BM608584;BM621236; BX050344;BX050345; ncbi_BM590879;BX03 0709;AL934963;BM64 7468;BM640098;BX76 6643;BM624158;BM59 3870	SNAP_ANOPHELES00000 022094	-	-

822	TPFLTSGSDYSKLMPHELAR	M14(Oxidation)	112	1	2266.11391	3L:+:33866838-33866897	BX767264;BM619689; BM580977;BM607777; BM610725;BM597300; BX602863;BM616416; BM580953;BX049899; BM587117;BM581903; BM644699;BM601573; BM640463;BM643703; BM604272;BM591627; BM589449;BM615268; BM615660;BM609363; BM613779;BM595522; BX765672;BM578221	SNAP_ANOPHELES00000007941	-	-
823	TPFLTSGSDYSK	-	100	1	1302.62163	3L:+:33866838-33866873	BX767264;BM619689; BM580977;BM607777; BM610725;BM597300; BX602863;BM616416; BM580953;BX049899; BM587117;BM581903; BM644699;BM601573; BM640463;BM643703; BM604272;BM591627; BM589449;BM615268; BM615660;BM609363; BM613779;BM595522; BX765672;BM578221	SNAP_ANOPHELES00000007941	-	-
824	NVVLVDGVR	-	73	1	970.56970	3L:+:33866811-33866837	BX767264;BM619689; BM580977;BM607777; BM610725;BM597300; BX602863;BM616416; BM580953;BX049899; BM587117;BM581903; BM644699;BM601573; BM640463;BM643703; BM604272;BM591627; BM589449;BM615268; BM615660;BM609363; BM613779;BM595522; BX765672;BM578221	SNAP_ANOPHELES00000007941	CPIJ018065-PA	AAEL002296-PA
825	KNVGFLIQILK	N-Term(Acetyl), N2(Deamidated)	49	1	1315.79680	3L:+:33857055-33857087	-	-	-	-
826	LVLPTVLK	-	28	1	882.60303	3L:+:33770468-33770491	-	-	-	-
827	AHLDVLADALLR	-	70	1	1306.75066	3L:+:33623759-33623794	-	-	-	-
828	EHILLGR	-	56	1	837.49463	3L:+:3280648-3280668	BX019917	-	-	-
829	PIGLLQIGIK	Q6(Deamidated)	40	1	1052.67082	3L:+:32520379-32520408	-	-	-	-
830	IPSLYNVLFNK	N6(Deamidated), N10(Deamidated)	46	1	1309.71660	3L:+:32412827-32412859	-	-	-	-
831	AGAVLMVNYGRK	M6(Oxidation)	51	1	1294.69536	3L:+:32263176-32263211	BM637653	-	-	-
832	ASNVEDYR	-	52	2	477.22003	3L:+:32056559-32056582	-	-	-	-
833	LLQIAAPKR	Q3(Deamidated)	52	2	505.81656	3L:+:31797013-31797039	-	-	-	-
834	GRHLDEENSR	-	56	1	1212.57291	3L:+:31627053-31627082	-	SNAP_ANOPHELES00000018002	-	-
835	VVLLCSAGGHPTPLITWAYR	C5(Carbamidomethyl)	125	1	2211.18161	3L:+:31626908-31626967	-	SNAP_ANOPHELES00000018002	-	-
836	KVVLLCSAGGHPTPLITWAYR	C6(Carbamidomethyl)	114	1	2339.27597	3L:+:31626905-31626967	-	SNAP_ANOPHELES00000018002	-	-
837	KPEPPPKPEFLK	-	53	1	1406.80909	3L:+:31288844-31288879	-	SNAP_ANOPHELES00000013741	-	-
838	QANGSAAAAAPAQEKPATSK	N3(Deamidated)	63	1	1869.93326	3L:+:31288334-31288393	-	SNAP_ANOPHELES00000013741	-	-
839	MLEQAEAGPAAPPAADGAPV QTPEEIRK	M1(Oxidation)	147	1	2860.42435	3L:+:31286828-31286911	-	SNAP_ANOPHELES00000013741	-	-

840	SSYQNAAAAAGTAVYQRSVVSCVGMQR	N-Term(Acetyl), Q4(Deamidated), N5(Deamidated), C22(Carbamidomethyl)	55	1	2876.31314	3L:+:31059050-31059130	-	-	-	-
841	VFEQIDTLNR	-	59	2	617.82458	3L:+:30822047-30822076	-	-	-	-
842	LQIVHSR	-	52	1	852.50511	3L:+:30808381-30808401	BX063430	-	-	-
843	VVDALQIAQSLPRTS	Q6(Deamidated)	50	1	1598.87802	3L:+:30763048-30763092	-	-	-	-
844	VVDALQIAQSLPRTS	Q6(Deamidated), Q9(Deamidated)	48	1	1599.86258	3L:+:30763048-30763092	-	-	-	-
845	VVDALQIAQSLPRTS	Q9(Deamidated)	49	1	1598.87198	3L:+:30763048-30763092	-	-	-	-
846	ALTLYGNFLMIHSR	M10(Oxidation)	57	2	826.43756	3L:+:30636513-30636554	-	-	-	-
847	SNLHQIR	N2(Deamidated), Q5(Deamidated)	54	2	435.22610	3L:+:30360481-30360501	-	-	-	-
848	GWGDVFALR	N-Term(Acetyl)	57	2	531.76544	3L:+:30071897-30071923	-	-	-	-
849	VVSQGHCIGACTQHAFPR	C7(Carbamidomethyl), C11(Carbamidomethyl)	106	1	2024.95493	3L:+:29950047-29950100	-	SNAP_ANOPHELES00000001781	-	-
850	SAQDELSNAPSVSILELR	-	79	2	965.00269	3L:+:29937625-29937678	-	SNAP_ANOPHELES00000001775	-	-
851	ILENVNQLQALSNSVTTK	N4(Deamidated), N6(Deamidated), Q7(Deamidated), Q9(Deamidated)	57	1	1976.03025	3L:+:29165996-29166049	-	-	-	-
852	KMPLIIK	M2(Oxidation)	54	2	429.77411	3L:+:28648396-28648416	-	-	-	-
853	TGEPIETGIIATHEPTLRPHTELFR	-	135	1	2815.48661	3L:+:28397408-28397482	-	SNAP_ANOPHELES00000007526	-	-
854	SSVLPQFVLLR	Q6(Deamidated)	60	1	1259.72820	3L:+:28299575-28299607	-	-	-	-
855	ILQQLHPPR	Q3(Deamidated), Q4(Deamidated)	53	1	1103.63542	3L:+:28000069-28000095	-	-	-	-
856	NTQIILR	N1(Deamidated), Q3(Deamidated)	47	1	859.48883	3L:+:27715332-27715352	-	-	-	-
857	SLQQLRQAAIVINNK	Q4(Deamidated), Q7(Deamidated), N14(Deamidated)	54	1	1698.93266	3L:+:27556160-27556204	-	-	-	-
858	SLQQLRQAAIVINNK	Q4(Deamidated), Q7(Deamidated), N13(Deamidated)	54	1	1698.93266	3L:+:27556160-27556204	-	-	-	-
859	LASLSLPR	-	55	2	428.76730	3L:+:27347922-27347945	AL693372	-	-	-
860	AIAGQKHPK	N-Term(Acetyl), Q5(Deamidated)	55	1	992.54088	3L:+:26769539-26769565	-	-	-	-
861	PTNEVKEIAK	N3(Deamidated)	47	1	1129.60986	3L:+:26543644-26543673	-	-	-	-
862	FNALNLNK	N5(Deamidated), N7(Deamidated)	55	2	468.25095	3L:+:25854314-25854337	-	-	-	-
863	RPVLIDGENVAYNDISSEYVANR	-	76	1	2594.30106	3L:+:25412751-25412819	CR533006;CR527222;CR527221	SNAP_ANOPHELES00000011890	-	-
864	NAENNSER	N1(Deamidated), N4(Deamidated), N5(Deamidated)	42	1	936.34430	3L:+:24820358-24820381	-	-	-	-
865	LIQIQNIK	-	52	2	485.30850	3L:+:2373879-2373902	BM609141	-	-	-
866	IIIIDFIQSSNLITYYKR	Q8(Deamidated)	46	1	2201.20864	3L:+:2344744-2344797	-	-	-	-
867	IIIIDFIQSSNLITYYKR	N11(Deamidated)	46	1	2201.20864	3L:+:2344744-2344797	-	-	-	-
868	KVIIPLK	-	38	1	810.58037	3L:+:22836808-22836828	-	-	-	-
869	IGIIIITR	-	42	2	449.80884	3L:+:22709934-22709957	-	-	-	-
870	KQMIAGIVELQEK	Q2(Deamidated), M3(Oxidation)	57	2	752.39709	3L:+:22310058-22310096	-	-	-	-
871	RLLIITLSR	-	40	1	1084.70989	3L:+:22259603-22259629	-	-	-	-
872	RYGALAIR	-	43	1	919.54730	3L:+:21563819-21563842	-	-	-	-
873	EVINIELK	N4(Deamidated)	53	2	479.77713	3L:+:21561481-21561504	-	-	-	-
874	IKVENINIVR	N-Term(Acetyl), N7(Deamidated)	51	1	1240.73874	3L:+:21199281-21199310	-	-	-	-
875	GLALLRSSLHK	N-Term(Acetyl)	55	2	618.86884	3L:+:20793069-20793101	-	-	-	-
876	AAHPGGHEGDELEEVDFGDPAAVQIK	-	92	1	2688.24936	3L:+:20406524-20406601	-	SNAP_ANOPHELES00000023131	-	-
877	IILPVLK	-	31	1	795.57060	3L:+:19701957-19701977	-	-	-	-

878	EWEGNLIISGLGRIDR	-	53	1	1827.96868	3L:+:19473300-19473347	-	-	-	-
879	KLVQALLYQQR	Q9(Deamidated), Q10(Deamidated)	51	1	1361.76958	3L:+:19248129-19248161	-	-	-	-
880	VPVLPEKQR	-	41	1	1065.64580	3L:+:19092515-19092541	-	-	-	-
881	LGILTTPL	-	43	1	827.53478	3L:+:18823696-18823719	-	-	-	-
882	RTALSPFSYPLVR	N-Term(Acetyl)	45	1	1548.83391	3L:+:18313266-18313304	-	SNAP_ANOPHELES00000020500	-	-
883	IEQDDDAQPEPAMQCK	M13(Oxidation), C15(Carbamidomethyl)	55	2	945.89557	3L:+:18295964-18296011	CR526304;CR528914	SNAP_ANOPHELES00000020482	-	-
884	LLITLLTASR	-	41	2	550.85565	3L:+:18235056-18235085	BX041702;BX065165;BX065166;BX069371;AL932921;BX060321	-	-	-
885	FGAAVQQK	Q6(Deamidated), Q7(Deamidated)	52	2	425.72427	3L:+:18207969-18207992	-	-	-	-
886	LLGEKMIK	M6(Oxidation)	51	2	474.28897	3L:+:17771966-17771989	-	-	-	-
887	HLNLLRNLPR	N3(Deamidated)	45	1	1246.73235	3L:+:17293094-17293123	-	-	-	-
888	ILLAYTTQKK	-	40	1	1178.72733	3L:+:17290687-17290716	-	-	-	-
889	NYGFVHLDPTGDVNEAIR	-	80	1	2016.99199	3L:+:17007249-17007302	-	SNAP_ANOPHELES00000018267	-	AAEL013982-PA
890	TQPSELRPLFEK	-	53	1	1444.77983	3L:+:17006943-17006978	-	SNAP_ANOPHELES00000018267	-	-
891	VSMGPVAIVEQYETESFSLKK	M3(Oxidation)	50	1	2358.18656	3L:+:17001675-17001737	AL694774	SNAP_ANOPHELES00000018258	-	-
892	ILGQKVLDR	-	59	2	521.31885	3L:+:16848091-16848117	-	-	-	-
893	NTIYKQQTSLR	Q7(Deamidated)	55	2	676.85321	3L:+:15874599-15874631	-	-	-	-
894	RVLNINVPIVQYAQQ	N-Term(Acetyl), Q11(Deamidated), Q14(Deamidated)	58	1	1798.95498	3L:+:15040630-15040674	-	-	-	-
895	ILSHTHALLLFQEGK	-	65	1	1706.95987	3L:+:14386001-14386045	-	-	-	-
896	FQPLEGIGAVEVNLK	Q2(Deamidated)	76	2	807.94885	3L:+:14027860-14027904	-	-	-	-
897	WCTQLLQRSR	C2(Carbamidomethyl)	52	1	1347.69353	3L:+:13496277-13496306	-	-	-	-
898	LSNVFLAVK	-	52	2	495.80450	3L:+:13262432-13262458	-	-	-	-
899	NTVASEFSPSPIIK	-	59	2	745.40076	3L:+:12754845-12754886	-	SNAP_ANOPHELES00000024584	-	-
900	LESYEEDDKLLNELFDAR	-	68	1	2199.04483	3L:+:12264946-12264999	-	SNAP_ANOPHELES00000010232	-	-
901	NELSGNIK	N1(Deamidated), N6(Deamidated)	57	1	876.43079	3L:+:12249555-12249578	-	-	-	-
902	LIHIPINNIIVGS	-	68	1	1402.84184	3L:+:11727028-11727066	CR534329;BX054130;BM606580;BM586086;BX619341;BX048400;CD745460;CR534182;AJ282631;AL930005;BX765674;CD744134;CD744135;CD744136;BM647157;BM635325;CX818402;BX628885;BX626769;BM609410;BX614303;BM581382;BM606347;AJ285338;AL934989;BM623118;CR534798;BM585623;CR525603;CR525602;CF541553;BM586931;ncbi_BM609228;BM609228;BX625156;BX063912;BX609180;BX610372;BX057762;BX057761;BX610289;CR532941;CR532942;BM647813;BX625051;CR530261;CR530260;BM590136	SNAP_ANOPHELES00000009134	CPIJ005137-PA	AAEL005471-PA

903	QCVQIDVLK	C2(Carbamidomethyl), Q4(Deamidated)	53	1	1103.56755	3L:+:11721264-11721290	-	-	-	-
904	GRGEGWCIVSVAEVNGR	C7(Carbamidomethyl), N15(Deamidated)	49	1	1846.86809	3L:+:11661808-11661858	-	-	-	-
905	QRAASPQNVLILR	Q7(Deamidated), N8(Deamidated)	55	1	1467.84583	3L:+:11409468-11409506	-	-	-	-
906	INLTMPPVYVAPPSVQAQHTPAK	M5(Oxidation)	63	1	2475.31491	3L:+:10679444-10679512	-	SNAP_ANOPHELES00000019218	-	-
907	AILPSAEQLEEFSR	-	99	1	1589.81670	3L:+:10561000-10561041	-	SNAP_ANOPHELES00000019197	-	-
908	AAYIYLR	-	51	2	435.24734	3L:+:1041531-1041551	-	-	-	-
909	GTLPAQDCPQEGDVCFSR	C8(Carbamidomethyl), C15(Carbamidomethyl)	106	1	2036.88127	3L:+:10277011-10277064	-	-	-	-
910	CYEIVENVQVPVSR	C1(Carbamidomethyl)	87	2	846.42493	3L:+:10276789-10276830	-	-	-	-
911	ASTAIDGKIMAIK	M10(Oxidation)	60	2	667.87903	3L:+:10271924-10271962	-	-	-	-
912	LKSVLTIIK	N-Term(Acetyl)	35	1	1056.69499	3L:-:9708022-9707996	-	-	-	-
913	KFLLNDK	N-Term(Acetyl), N5(Deamidated)	54	1	920.50798	3L:-:9560565-9560545	-	-	-	-
914	LLVSLTLSQK	Q9(Deamidated)	52	2	551.83484	3L:-:9385274-9385245	-	-	-	-
915	VNLIIDK	-	51	2	407.75537	3L:-:9251048-9251028	-	-	-	-
916	LQLASLVR	-	59	1	899.56700	3L:-:9058070-9058047	-	SNAP_ANOPHELES00000014175	-	-
917	EANNCQLPVIR	C5(Carbamidomethyl)	68	2	657.33508	3L:-:9057160-9057128	BX624940;BX621634	SNAP_ANOPHELES00000014175	-	-
918	YPAYHWAGDFMVAK	M11(Oxidation)	73	1	1671.76164	3L:-:9057115-9057074	BX624940;BX621634	SNAP_ANOPHELES00000014175	-	-
919	TVGLQALPPDQLER	-	50	1	1536.83965	3L:-:9057019-9056978	BX624940;BX621634	SNAP_ANOPHELES00000014175	-	-
920	DCAGIEICR	C2(Carbamidomethyl), C8(Carbamidomethyl)	54	2	547.24231	3L:-:9056977-9056951	BX624940;BX621634	SNAP_ANOPHELES00000014175	-	-
921	KGWHDPNVDVFVLK	-	84	1	1653.87540	3L:-:9056950-9056909	-	SNAP_ANOPHELES00000014175	-	AAEL006017-PA
922	NCNLQLNTIQNK	C2(Carbamidomethyl), Q5(Deamidated), N7(Deamidated)	52	1	1461.71013	3L:-:8423139-8423104	-	-	-	-
923	VTQLLYK	Q3(Deamidated)	51	1	865.50262	3L:-:8413472-8413452	-	-	-	-
924	RGEPNHHLLANADNGYAK	-	92	1	1976.97287	3L:-:8351546-8351493	GO935156;BX069716;BX066300;BX046602;BX046603;BX049868;BX049867;BX071381;BX071382;BX031623	SNAP_ANOPHELES00000017757	-	-
925	RGEPNHHLLANADNGYAK	N14(Deamidated)	71	1	1977.95835	3L:-:8351546-8351493	GO935156;BX069716;BX066300;BX046602;BX046603;BX049868;BX049867;BX071381;BX071382;BX031623	SNAP_ANOPHELES00000017757	-	-
926	RFPLIVATR	-	48	1	1072.66496	3L:-:8351465-8351439	GO935156;BX069716;BX066300;BX046602;BX049868;BX049867;BX071381;AL695347;BX031623	SNAP_ANOPHELES00000017757	-	-
927	LPMLTEYR	-	53	1	1022.53380	3L:-:8351219-8351196	BX066882;BX066883;BX062019;BX062018;BX066301;BX066300;BX058164;BX058165;BX046603;BX049868;BX071381;BX071382;BX031623;BX069717;BX054395;BX054394	SNAP_ANOPHELES00000017757	-	-
928	NSLEQPYSR	-	53	1	1093.52873	3L:-:8351195-8351169	BX066882;BX062018;BX066300;BX058164;BX058165;BX049868;BX071381;BX031623;BX069717;BX054395;BX054394	SNAP_ANOPHELES00000017757	-	-

929	VNIFEELLKGDE	-	111	2	703.36365	3L:-:8351153-8351118	BX066882;BX066883; BX062018;BX066301; BX058164;BX058165; BM646354;BX046603; BX049868;BX071382; BX031623;BX069717; BX054395;BX054394	SNAP_ANOPHELES00000 017757	-	-
930	LFESVAGLSQR	-	62	2	603.82416	3L:-:8308869-8308837	-	-	-	-
931	EANFLWRPYDPIK	-	82	1	1648.84880	3L:-:8120488-8120450	BX604520;BX615888	SNAP_ANOPHELES00000 017730	-	-
932	EANFLWRPYDPIKLNGLK	N15(Deamidated)	76	1	2175.16513	3L:-:8120488-8120435	BX604520;BX615888	SNAP_ANOPHELES00000 017730	-	-
933	QAIDLGYVVTR	-	71	2	617.84229	3L:-:8120413-8120381	BX604520;BX615888	SNAP_ANOPHELES00000 017730	-	-
934	DPVFYQFYQR	-	78	1	1362.64995	3L:-:8120176-8120147	BM576656;BX607851	SNAP_ANOPHELES00000 017730	-	-
935	SYLPPYTVDELQFK	-	62	2	850.42859	3L:-:8120119-8120078	BM576656;CR525355; BX607851	SNAP_ANOPHELES00000 017730	-	-
936	LNHKPFSYVLNISSQYAGK	-	71	3	722.71906	3L:-:8119933-8119877	CR525355	SNAP_ANOPHELES00000 017730	-	-
937	QVNFMGPIEEFDYDFPIK	-	139	1	2189.02910	3L:-:8102570-8102517	BX621636	SNAP_ANOPHELES00000 017726	-	-
938	QVNFMGPIEEFDYDFPIK	Q1(Deamidated), M5(Oxidation)	81	1	2206.01128	3L:-:8102570-8102517	BX621636	SNAP_ANOPHELES00000 017726	-	-
939	QVNFMGPIEEFDYDFPIK	M5(Oxidation)	139	1	2205.03691	3L:-:8102570-8102517	BX621636	SNAP_ANOPHELES00000 017726	-	-
940	QVNFMGPIEEFDYDFPIK	N3(Deamidated), M5(Oxidation)	89	2	1103.50928	3L:-:8102570-8102517	BX621636	SNAP_ANOPHELES00000 017726	-	-
941	LSYYNGIPFFVR	N5(Deamidated)	81	1	1476.75371	3L:-:8102498-8102463	-	SNAP_ANOPHELES00000 017726	-	-
942	LSYYNGIPFFVR	-	71	1	1475.77373	3L:-:8102498-8102463	-	SNAP_ANOPHELES00000 017726	-	-
943	DFYYQVNLLKDYEMR	-	114	1	1996.94841	3L:-:8102438-8102394	-	SNAP_ANOPHELES00000 017726	-	-
944	DFYYQVNLLKDYEMR	M14(Oxidation)	119	1	2012.94426	3L:-:8102438-8102394	-	SNAP_ANOPHELES00000 017726	-	-
945	QVIDKGYYYAQDGSK	-	100	2	867.92059	3L:-:8102387-8102343	-	SNAP_ANOPHELES00000 017726	-	-
946	GYYYAQDGSK	-	79	1	1151.49919	3L:-:8102372-8102343	-	SNAP_ANOPHELES00000 017726	-	-
947	GYYYAQDGSK	Q6(Deamidated)	68	2	576.74512	3L:-:8102372-8102343	-	SNAP_ANOPHELES00000 017726	-	-
948	QPESVEYVGNMIFANPDSVDK	-	55	2	1170.05164	3L:-:8102330-8102268	-	SNAP_ANOPHELES00000 017726	-	-
949	QPESVEYVGNMIFANPDSVDKDYFGFLEVVAR	M11(Oxidation)	104	1	3651.73496	3L:-:8102330-8102235	-	SNAP_ANOPHELES00000 017726	-	-
950	DYFGFLEVVAR	-	96	1	1315.66680	3L:-:8102267-8102235	-	SNAP_ANOPHELES00000 017726	-	-
951	FFPSALMHFETSMR	M7(Oxidation), M13(Oxidation)	67	2	866.89777	3L:-:8102201-8102160	-	SNAP_ANOPHELES00000 017726	-	-
952	FFPSALMHFETSMR	M13(Oxidation)	66	1	1716.78801	3L:-:8102201-8102160	-	SNAP_ANOPHELES00000 017726	-	-
953	FFPSALMHFETSMR	M7(Oxidation)	57	2	858.90009	3L:-:8102201-8102160	-	SNAP_ANOPHELES00000 017726	-	-
954	FFPSALMHFETSMRDPFFYQLYNR	M7(Oxidation), M13(Oxidation)	58	1	3076.42234	3L:-:8102201-8102130	-	SNAP_ANOPHELES00000 017726	-	-
955	DPFFYQLYNR	-	79	1	1362.65007	3L:-:8102159-8102130	-	SNAP_ANOPHELES00000 017726	-	-
956	FLTFYYQFK	-	61	1	1256.63823	3L:-:8102129-8102103	-	SNAP_ANOPHELES00000 017726	-	-
957	SYLKPYTYEELYFK	-	105	1	1843.91764	3L:-:8102102-8102061	-	SNAP_ANOPHELES00000 017726	-	-
958	SYLKPYTYEELYFKGVEIK	-	102	1	2370.22866	3L:-:8102102-8102046	-	SNAP_ANOPHELES00000 017726	-	-
959	DVLIFHSDEFK	-	87	1	1349.67656	3L:-:8101373-8101341	-	SNAP_ANOPHELES00000 017726	-	-

960	LMTAVLILDQPNR	Q10(Deamidated), N12(Deamidated)	56	1	1485.81653	3L:-:8100885-8100847	-	-	-	-
961	TELMADGESSEAGK	-	81	2	712.81531	3L:-:7641500-7641459	BX613671;BM632193; BM657522;BX612461; CR532619;BX618985	SNAP_ANOPHELES00000002840	-	-
962	ESLIVGGGDASADAAR	-	128	2	744.86914	3L:-:7641437-7641390	BM650476;BX613671; BM632193;BM657522; BX612461;CR532619	SNAP_ANOPHELES00000002840	-	-
963	KIQLSCYPGL	C6(Carbamidomethyl)	52	1	1178.64104	3L:-:7527257-7527228	-	-	-	-
964	KIQLSCYPGL	Q3(Deamidated), C6(Carbamidomethyl)	52	1	1179.62273	3L:-:7527257-7527228	-	-	-	-
965	QVQELGER	N-Term(Acetyl), Q1(Deamidated), Q3(Deamidated)	57	2	501.74066	3L:-:7485260-7485237	-	-	-	-
966	FLIDQIT	-	55	2	425.23944	3L:-:7354206-7354186	-	-	-	-
967	TINIKTIWQILK	N3(Deamidated), Q9(Deamidated)	49	1	1472.88310	3L:-:6669237-6669202	-	-	-	-
968	ESIQEIVK	-	55	1	945.53594	3L:-:6558764-6558741	-	-	-	-
969	GLLHVALR	-	52	2	439.78293	3L:-:6548650-6548627	BM615556	-	-	-
970	SRLQINNVK	Q4(Deamidated), N6(Deamidated)	53	1	1073.59807	3L:-:5264173-5264147	-	-	-	-
971	IGLSSLLDHVVSK	-	49	1	1367.80107	3L:-:4174245-4174207	-	-	-	-
972	YIYELAR	-	54	1	927.49413	3L:-:41570396-41570376	-	-	-	-
973	ILLSVLLKYLQN	N12(Deamidated)	57	1	1417.87708	3L:-:4145921-4145886	-	-	-	-
974	ILLSVLLKYLQN	Q11(Deamidated)	57	1	1417.87708	3L:-:4145921-4145886	-	-	-	-
975	FVINTVFER	-	60	2	562.81067	3L:-:41144232-41144206	-	SNAP_ANOPHELES00000007760	CPIJ005885-PA	-
976	LILQTVQLIH	Q7(Deamidated)	40	1	1178.72550	3L:-:40951761-40951732	-	-	-	-
977	RLLLSIELK	-	40	1	1084.70989	3L:-:40654234-40654208	-	-	-	-
978	VAAFVQGTK	Q6(Deamidated)	49	2	461.25562	3L:-:40623860-40623834	-	-	-	-
979	KNETVLLTAQK	-	50	1	1244.71306	3L:-:40230208-40230176	-	-	-	-
980	VLSQAGITQR	Q9(Deamidated)	62	2	537.30078	3L:-:39834821-39834792	-	-	-	-
981	VLSQAGITQR	Q4(Deamidated), Q9(Deamidated)	53	1	1074.57744	3L:-:39834821-39834792	-	-	-	-
982	AGGPSGSGSAASGGGAIEYETPR	-	102	2	1018.46796	3L:-:39440051-39439983	-	SNAP_ANOPHELES00000017594	-	-
983	QLEDYFLAYPK	Q1(Deamidated)	47	1	1387.65740	3L:-:39439166-39439134	-	SNAP_ANOPHELES00000017594	-	-
984	QLEDYFLAYPK	-	68	2	693.85120	3L:-:39439166-39439134	-	SNAP_ANOPHELES00000017594	-	-
985	GNQYWNYSDQSHLLR	-	65	1	1880.86431	3L:-:39434359-39434315	BX468774	SNAP_ANOPHELES00000017594	-	-
986	LIMQDCNAAVEAQR	M3(Oxidation), C6(Carbamidomethyl)	71	2	817.88611	3L:-:39434266-39434225	BX468774	SNAP_ANOPHELES00000017594	-	-
987	TQLDEYFSSYPLVR	-	97	1	1717.84514	3L:-:39413793-39413752	-	SNAP_ANOPHELES00000017589	-	-
988	IQIIQQR	-	49	2	449.77719	3L:-:39293993-39293973	-	-	-	-
989	VHPLPLPLLLQK	-	71	1	1367.87610	3L:-:39245314-39245279	-	SNAP_ANOPHELES00000012307	-	-
990	AGILVLAELAVR	-	51	1	1224.77898	3L:-:39195304-39195269	AJ281003	-	-	-
991	TDTSTGSDCVAGSER	C9(Carbamidomethyl)	56	2	771.82092	3L:-:39168568-39168524	-	SNAP_ANOPHELES00000012296	-	-
992	YFPEVNELSPGNNLK	-	56	2	860.93195	3L:-:38993030-38992986	BX618179;CR530242	SNAP_ANOPHELES00000012274	-	-
993	HDLSEDMAVINEYSQ	M7(Oxidation)	54	1	1766.75542	3L:-:38992985-38992941	BX618179;CR530242	SNAP_ANOPHELES00000012274	-	-
994	EYGGGALASLSSR	-	79	2	634.31726	3L:-:38118359-38118321	-	SNAP_ANOPHELES00000013632	-	-
995	AESFDGPGVVQLVK	-	69	2	723.38824	3L:-:38118311-38118270	-	SNAP_ANOPHELES00000013632	-	-
996	TNQTDNHHSGGAVVNGGSSK	N15(Deamidated)	54	1	1967.88095	3L:-:38117213-38117154	-	SNAP_ANOPHELES00000013632	-	-

997	TNQTDNHHSGGAVVNGGSSK	-	59	1	1966.89273	3L:-:38117213-38117154	-	SNAP_ANOPHELES00000013632	-	-
998	FENNISSSFANR	-	68	2	693.32556	3L:-:38117138-38117103	-	SNAP_ANOPHELES00000013632	CPIJ010073-PA	AAEL008382-PA
999	MVWQMQIAHAFLFLFNISLQK	M1(Oxidation), M5(Oxidation), Q6(Deamidated), Q20(Deamidated)	47	1	2599.34067	3L:-:3809837-3809775	-	-	-	-
1000	MVWQMQIAHAFLFLFNISLQK	M1(Oxidation), Q4(Deamidated), M5(Oxidation), Q20(Deamidated)	47	1	2599.34067	3L:-:3809837-3809775	-	-	-	-
1001	LSDEHVQFLVYQILR	-	83	1	1860.01140	3L:-:38077145-38077101	BX623045	SNAP_ANOPHELES00000013616	-	-
1002	IALSGLEEVNVPGPVFLK	-	56	2	941.54138	3L:-:37755284-37755231	BM588163;BM624450;BM623268	SNAP_ANOPHELES00000023377	-	-
1003	DGQNEQFASR	-	60	2	576.25861	3L:-:37680106-37680077	BM602353	-	-	-
1004	IVISGIPQHAK	-	47	1	1162.69507	3L:-:37670238-37670206	BM611354;BM602353;BM587924	SNAP_ANOPHELES00000023359	CPIJ004648-PA	AAEL006876-PA
1005	FDDIEPLLKPYGK	-	87	1	1534.82187	3L:-:37670205-37670167	BM611354;BM602353;BM587924	SNAP_ANOPHELES00000023359	CPIJ004648-PA	AAEL006876-PA
1006	VEHCEAGTSKDPNTQTVHITFENHDQAQR	C4(Carbamidomethyl)	108	1	3349.54311	3L:-:37670166-37670080	BM611354;BM602353;BM587924	SNAP_ANOPHELES00000023359	-	-
1007	DPNTQTVHITFENHDQAQR	-	98	1	2251.04312	3L:-:37670136-37670080	BM611354;BM602353;BM587924	SNAP_ANOPHELES00000023359	-	-
1008	NGSESRTLITIILSNGR	N1(Deamidated)	50	2	916.49298	3L:-:37414934-37414884	-	-	-	-
1009	LCTLIVSLIQK	C2(Carbamidomethyl)	48	2	644.39008	3L:-:37338477-37338445	BM645172	SNAP_ANOPHELES00000017285	-	-
1010	TQKEAGGR	Q2(Deamidated)	48	2	424.21118	3L:-:37266042-37266019	-	-	-	-
1011	LSSLLLIIR	-	70	2	514.34857	3L:-:37111722-37111696	-	-	-	-
1012	DSLNGCDIYSGCCTLK	C6(Carbamidomethyl), C12(Carbamidomethyl), C13(Carbamidomethyl)	93	2	931.89313	3L:-:37019936-37019889	-	SNAP_ANOPHELES00000022905	-	-
1013	DSLNGCDIYSGCCTLK	N4(Deamidated), C6(Carbamidomethyl), C12(Carbamidomethyl), C13(Carbamidomethyl)	65	2	932.38208	3L:-:37019936-37019889	-	SNAP_ANOPHELES00000022905	-	-
1014	YLSPSHTPYNEYSQPTQGTR	-	59	1	2326.07663	3L:-:37005681-37005622	-	-	-	-
1015	VTQLIQQR	Q6(Deamidated)	63	2	493.78607	3L:-:36487066-36487043	-	-	-	-
1016	LPKNNNTNNFIK	N8(Deamidated)	49	1	1417.72539	3L:-:36079049-36079014	-	-	-	-
1017	QYSLNDFELIR	-	66	2	699.36072	3L:-:35910833-35910801	-	SNAP_ANOPHELES00000022298	-	AAEL002885-PA
1018	ALVTDDEDIDWVQTEK	-	92	1	1876.88591	3L:-:35910641-35910594	-	SNAP_ANOPHELES00000022298	CPIJ013835-PA	AAEL002885-PA
1019	DLKLDNVLLDHEGHIK	-	76	1	1859.00278	3L:-:35910289-35910242	-	SNAP_ANOPHELES00000022298	CPIJ013835-PA	AAEL002885-PA
1020	WDALVVR	-	54	1	858.48651	3L:-:35882836-35882816	BM643765	-	-	-
1021	AAFYQIYPR	-	58	2	564.79364	3L:-:35409777-35409751	BM650445;BM656725;GO935208;BM578896;BM647914;BM624708;BM579790;BM583892;BM628529;BM634536;BM630193;BM646781;BM636880;BM603238;BM620803;BM588117;BM591321;BM629008;BM614246;CD747572;BX039919;BM635945;BM616924;BM616688;BM652834	-	-	-

1022	SFMDSDGDGVGDLNGIASK	M3(Oxidation), N14(Deamidated)	141	1	1901.80852	3L:-:35409750-35409694	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM620803; BM588117;BM591321; BM629008;BM614246; CD747572;BM635945; BM616924;BM616688; BM652834	-	-	-
1023	SFMDSDGDGVGDLNGIASK	-	133	1	1884.82915	3L:-:35409750-35409694	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM620803; BM588117;BM591321; BM629008;BM614246; CD747572;BM635945; BM616924;BM616688; BM652834	-	-	-
1024	SFMDSDGDGVGDLNGIASK	M3(Oxidation)	167	1	1900.81780	3L:-:35409750-35409694	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM620803; BM588117;BM591321; BM629008;BM614246; CD747572;BM635945; BM616924;BM616688; BM652834	-	-	-
1025	SFMDSDGDGVGDLNGIASK	N14(Deamidated)	149	1	1885.81401	3L:-:35409750-35409694	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM620803; BM588117;BM591321; BM629008;BM614246; CD747572;BM635945; BM616924;BM616688; BM652834	-	-	-
1026	AFWMSPIYK	-	51	1	1142.57043	3L:-:35409663-35409637	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616924; BM616688;BM652834	SNAP_ANOPHELES00000 013384	-	-

1027	AFWMSPIYK	M4(Oxidation)	57	1	1158.56572	3L:-:35409663-35409637	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616924; BM616688;BM652834	SNAP_ANOPHELES00000013384	-	-
1028	SPMVDFGYDISDFR	M3(Oxidation)	128	1	1664.72685	3L:-:35409636-35409595	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-
1029	SPMVDFGYDISDFR	-	136	1	1648.72759	3L:-:35409636-35409595	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-
1030	SPMVDFGYDISDFRDIHEEFGTMADFER	M3(Oxidation), M23(Oxidation)	131	1	3358.42617	3L:-:35409636-35409553	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-
1031	SPMVDFGYDISDFRDIHEEFGTMADFER	M3(Oxidation)	141	1	3342.43760	3L:-:35409636-35409553	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-

1032	SPMVDFGYDISDFRDIHEEFGTMADFER	M23(Oxidation)	111	1	3342.43943	3L:-:35409636-35409553	BM650445;BM656725;GO935208;BM578896;BM647914;BM624708;BM579790;BM583892;BM628529;BM634536;BM630193;BM646781;BM636880;BM603238;BM620803;BM588117;BM629008;BM614246;CD747572;BX039919;BM635945;BM616688;BM652834	SNAP_ANOPHELES00000013384	-	-
1033	DIHEEFGTMADFER	-	100	1	1696.72734	3L:-:35409594-35409553	BM650445;BM656725;GO935208;BM578896;BM647914;BM624708;BM579790;BM583892;BM628529;BM634536;BM630193;BM646781;BM636880;BM603238;BM620803;BM588117;BM629008;BM614246;CD747572;BX039919;BM635945;BM616688;BM652834	SNAP_ANOPHELES00000013384	-	-
1034	DIHEEFGTMADFER	M9(Oxidation)	125	1	1712.72197	3L:-:35409594-35409553	BM650445;BM656725;GO935208;BM578896;BM647914;BM624708;BM579790;BM583892;BM628529;BM634536;BM630193;BM646781;BM636880;BM603238;BM620803;BM588117;BM629008;BM614246;CD747572;BX039919;BM635945;BM616688;BM652834	SNAP_ANOPHELES00000013384	-	-
1035	LVEQAHGLGLK	-	81	1	1164.67510	3L:-:35409552-35409520	BM650445;BM656725;GO935208;BM578896;BM647914;BM624708;BM579790;BM583892;BM628529;BM634536;BM630193;BM646781;BM636880;BM603238;BM620803;BM588117;BM629008;BM614246;CD747572;BX039919;BM635945;BM616688;BM652834	SNAP_ANOPHELES00000013384	-	-
1036	VIMDFVPNHSSNLHEWFVK	-	105	1	2299.13065	3L:-:35409519-35409463	BM650445;BM656725;GO935208;BM578896;BM647914;BM624708;BM579790;BM583892;BM628529;BM634536;BM630193;BM646781;BM636880;BM603238;BM620803;BM588117;BM629008;BM614246;CD747572;BX039919;BM635945;BM616688;BM652834	SNAP_ANOPHELES00000013384	-	-

1037	VIMDFVPNHSSNLHEWFVK	M3(Oxidation), N8(Deamidated)	72	1	2316.11222	3L:-:35409519-35409463	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-
1038	VIMDFVPNHSSNLHEWFVK	M3(Oxidation)	94	1	2315.12857	3L:-:35409519-35409463	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM583892; BM628529;BM634536; BM630193;BM646781; BM636880;BM603238; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-
1039	SEQREPGYEDYYVWHDGK	-	106	1	2257.97715	3L:-:35409462-35409409	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM628529; BM634536;BM630193; BM646781;BM636880; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-
1040	EPGYEDYYVWHDGK	-	98	1	1757.74663	3L:-:35409450-35409409	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM628529; BM634536;BM630193; BM646781;BM636880; BM620803;BM588117; BM629008;BM614246; CD747572;BX039919; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000013384	-	-
1041	EPGYEDYYVWHDGKVNPAGGR	-	66	1	2409.09208	3L:-:35409450-35409388	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM579790;BM628529; BM634536;BM630193; BM646781;BM620803; BM588117;BM629008; BM614246;CD747572; BX039919;BM635945; BM616688;BM652834	SNAP_ANOPHELES00000013384	-	-

1042	GSAWQWSDQR	-	66	1	1220.54411	3L:-:35409275-35409246	BM650445;BM656725; GO935208;BM578896; BM647914;BM624708; BM652104;BM579790; BM583892;BM628529; BM634536;BM620803; BM588117;BM629008; BM614246;CD747572; BX039919;BM635945; BM616688;BM652834	SNAP_ANOPHELES00000 013384	-	-
1043	QQYYLHQFTVEQPDLNYR	-	96	1	2342.12090	3L:-:35409245-35409192	BM650445;BM656725; BM578896;BM624708; BM652104;BM579790; BM628529;BM634536; BM620803;BM588117; BM629008;BM614246; CD747572;BM635945; BM616688;BM652834	SNAP_ANOPHELES00000 013384	-	AAEL003434-PA
1044	QQYYLHQFTVEQPDLNYRNP TVVQEMK	M26(Oxidation)	52	1	3384.62729	3L:-:35409245-35409165	BM650445;BM656725; BM652104;BM579790; BM628529;BM634536; BM620803;BM614246; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000 013384	-	AAEL003434-PA
1045	QQYYLHQFTVEQPDLNYRNP TVVQEMK	-	70	1	3368.63564	3L:-:35409245-35409165	BM650445;BM656725; BM652104;BM579790; BM628529;BM634536; BM620803;BM614246; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000 013384	-	AAEL003434-PA
1046	NPTVVQEMK	-	56	1	1045.53186	3L:-:35409191-35409165	BM650445;BM656725; BM652104;BM579790; BM628529;BM634536; BM620803;BM614246; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000 013384	CPIJ005208-PA,CPIJ018570-PA	AAEL003434-PA
1047	NPTVVQEMK	M8(Oxidation)	55	1	1061.53003	3L:-:35409191-35409165	BM650445;BM656725; BM652104;BM579790; BM628529;BM634536; BM620803;BM614246; BM635945;BM616688; BM652834	SNAP_ANOPHELES00000 013384	CPIJ005208-PA,CPIJ018570-PA	AAEL003434-PA
1048	NPTVVQEMKDVLLFWLGK	-	147	1	2117.14775	3L:-:35409191-35409138	BM650445;BM656725; BM652104;BM579790; BM628529;BM634536	SNAP_ANOPHELES00000 013384	-	-
1049	NPTVVQEMKDVLLFWLGK	M8(Oxidation)	102	1	2133.14133	3L:-:35409191-35409138	BM650445;BM656725; BM652104;BM579790; BM628529;BM634536	SNAP_ANOPHELES00000 013384	-	-
1050	DVLLFWLGK	-	64	1	1090.62952	3L:-:35409164-35409138	BM650445;BM656725; BM652104;BM579790; BM628529;BM634536	SNAP_ANOPHELES00000 013384	-	-
1051	IDAVPTLYEDTQLR	-	79	1	1633.85149	3L:-:35409119-35409078	BM652104	SNAP_ANOPHELES00000 013384	-	-
1052	IDAVPTLYEDTQLRDEPVSGLT DDPEDTNYLR	-	181	1	3650.72568	3L:-:35409119-35409024	BM652104	SNAP_ANOPHELES00000 013384	-	-
1053	DEPVSGLTDDPEDTNYLR	-	123	2	1018.45782	3L:-:35409077-35409024	BM652104	SNAP_ANOPHELES00000 013384	-	-
1054	NHDPRPQHEDEVGDVPR	N1(Deamidated)	70	1	1997.90494	3L:-:35161743-35161693	BM611574;BX027445; BM598972	SNAP_ANOPHELES00000 013940	-	-
1055	NHDPRPQHEDEVGDVPR	-	95	1	1996.92276	3L:-:35161743-35161693	BM611574;BX027445; BM598972	SNAP_ANOPHELES00000 013940	-	-

1056	LSIQLLALWK	-	43	1	1184.73923	3L:-:35123196-35123167	-	-	-	-
1057	LQSISQLPFLQR	Q6(Deamidated)	55	1	1430.78008	3L:-:3509217-3509182	-	-	-	-
1058	IILFVLYK	-	41	1	1008.63921	3L:-:3485251-3485228	-	-	-	-
1059	TQFACVSLGILDK	C5(Carbamidomethyl)	43	1	1451.75244	3L:-:34777319-34777281	-	-	-	-
1060	LGDTVYR	-	52	2	412.21902	3L:-:34659061-34659041	BM603658	-	-	-
1061	AEAAASAAATESEPNVIEK	-	55	2	929.95721	3L:-:34598385-34598329	-	SNAP_ANOPHELES00000023296	-	-
1062	SDVLISGLGGLGVEVAK	-	130	2	807.46362	3L:-:34573279-34573229	BM647121;BM622388;GO935136;BM600124;BM596403	SNAP_ANOPHELES00000023292	-	-
1063	SDVLISGLGGLGVEVAKNVILGGVK	-	118	1	2394.41050	3L:-:34573279-34573205	BM647121;BM622388;GO935136;BM600124;BM596403	SNAP_ANOPHELES00000023292	-	-
1064	NVILGGVK	-	50	1	799.50281	3L:-:34573228-34573205	BM647121;BM633948;BM622388;GO935136;BM600124;BM596403	SNAP_ANOPHELES00000023292	CPIJ016559-PA,CPIJ001423-PA	AAEL000758-PB,AAEL000758-PA
1065	SVTLHDTAVCTVGDLSSQFYLTAEDVAGGR	C10(Carbamidomethyl)	103	1	3169.52085	3L:-:34573204-34573115	BM647121;BM633948;BM622388;BM600124;BM596403	SNAP_ANOPHELES00000023292	-	-
1066	NRAEASCQQLSELNHYVPTVAYTGELTEEFLQK	C7(Carbamidomethyl)	96	1	3825.86733	3L:-:34573114-34573016	BM647121;BM633948;BM622388;BM600124;BM596403	SNAP_ANOPHELES00000023292	-	-
1067	AEASCQQLSELNHYVPTVAYTGELTEEFLQK	C5(Carbamidomethyl)	153	1	3555.69541	3L:-:34573108-34573016	BM647121;BM633948;BM622388;BM600124;BM596403	SNAP_ANOPHELES00000023292	-	-
1068	VVVLTLAPPAEQR	-	48	2	696.91412	3L:-:34573009-34572971	BM633948;BM596403	SNAP_ANOPHELES00000023292	-	-
1069	VAEITHRHNIALIVADTR	-	52	1	2029.13614	3L:-:34572967-34572914	BM647121;BM633948;BM622388;BM596403	SNAP_ANOPHELES00000023292	-	-
1070	HNIALIVADTR	-	81	1	1222.69023	3L:-:34572946-34572914	BM647121;BM633948;BM622388;BM596403	SNAP_ANOPHELES00000023292	-	-
1071	IKVLGPYTFSIGDTSK	-	76	2	863.47827	3L:-:34570052-34570005	GO935137	SNAP_ANOPHELES00000023292	CPIJ001423-PA	-
1072	VLGPYTFSIGDTSK	-	99	1	1484.76286	3L:-:34570046-34570005	GO935137	SNAP_ANOPHELES00000023292	CPIJ001423-PA	-
1073	VLGPYTFSIGDTSKLSPYLR	-	67	1	2214.18857	3L:-:34570046-34569987	GO935137	SNAP_ANOPHELES00000023292	-	-
1074	SLAEAENAPEFIMTDFAK	M13(Oxidation)	128	1	1999.93694	3L:-:34569938-34569885	BM600190;BM614977	SNAP_ANOPHELES00000023292	-	-
1075	SLAEAENAPEFIMTDFAK	-	166	1	1983.94170	3L:-:34569938-34569885	BM600190;BM614977	SNAP_ANOPHELES00000023292	-	-
1076	WDHPANTQIAFTVLGR	-	89	1	1825.93779	3L:-:34569884-34569837	BM600190;BM614977	SNAP_ANOPHELES00000023292	-	-
1077	LPRPWNVEDAAEFVEMCR	C17(Carbamidomethyl)	68	1	2219.04306	3L:-:34569815-34569762	BM600190;BM614977	SNAP_ANOPHELES00000023292	-	-
1078	LPRPWNVEDAAEFVEMCR	M16(Oxidation), C17(Carbamidomethyl)	79	1	2235.03293	3L:-:34569815-34569762	BM600190;BM614977	SNAP_ANOPHELES00000023292	-	-
1079	EMGVEELNEAMLTK	-	86	2	797.38104	3L:-:34569749-34569708	BM609728;BM600190;BM614977	SNAP_ANOPHELES00000023292	-	-
1080	EMGVEELNEAMLTK	M2(Oxidation), M11(Oxidation)	64	2	813.37708	3L:-:34569749-34569708	BM609728;BM600190;BM614977	SNAP_ANOPHELES00000023292	-	-
1081	YDGQIAVFGR	-	81	2	563.28809	3L:-:34569518-34569489	BM609728;GO935138;BM600190;BM614977	SNAP_ANOPHELES00000023292	CPIJ001423-PA	-
1082	MFQDVLGQLK	-	68	2	589.81525	3L:-:34569488-34569459	GO935138	SNAP_ANOPHELES00000023292	-	-
1083	YFIVGAGAIGCELLK	C11(Carbamidomethyl)	112	1	1610.85967	3L:-:34569458-34569414	BM609728;BM614977	SNAP_ANOPHELES00000023292	CPIJ001423-PA	AAEL000758-PB,AAEL000758-PA
1084	GDGEIIVTDMDLIEK	M10(Oxidation)	86	2	832.40826	3L:-:34569383-34569339	BM609728;GO935138	SNAP_ANOPHELES00000023292	-	-
1085	GDGEIIVTDMDLIEK	-	94	2	824.41125	3L:-:34569383-34569339	BM609728;GO935138	SNAP_ANOPHELES00000023292	-	-

1086	QFLFRPHDVQQPK	-	81	1	1639.86930	3L:-:34569323-34569285	BM609728;GO935138	SNAP_ANOPHELES00000023292	CPIJ001423-PA	AAEL000758-PB,AAEL000758-PA
1087	FYDDTFFNR	-	78	1	1224.53154	3L:-:34569194-34569168	GO935138	SNAP_ANOPHELES00000023292	-	-
1088	LDGVANALDNIDAR	-	101	1	1456.74150	3L:-:34569167-34569126	-	SNAP_ANOPHELES00000023292	CPIJ001423-PA	AAEL000758-PB,AAEL000758-PA
1089	NFPNAIEHTLQWAR	-	100	1	1696.85954	3L:-:34567266-34567225	-	SNAP_ANOPHELES00000023292	CPIJ001423-PA	AAEL000758-PB,AAEL000758-PA
1090	DTFEGIFK	-	62	1	956.47308	3L:-:34567224-34567201	-	SNAP_ANOPHELES00000023292	-	-
1091	QVAENAAQYISDPTFIER	-	126	1	2052.00762	3L:-:34567200-34567147	-	SNAP_ANOPHELES00000023292	-	-
1092	TLKLPGVQPLEALESVK	-	53	1	1822.07109	3L:-:34567146-34567096	-	SNAP_ANOPHELES00000023292	-	-
1093	LPGVQPLEALESVK	-	100	1	1479.84880	3L:-:34567137-34567096	-	SNAP_ANOPHELES00000023292	-	-
1094	ALIDDRPK	-	55	1	927.52153	3L:-:34567010-34566987	-	SNAP_ANOPHELES00000023292	-	-
1095	KPQCKLLITIK	Q3(Deamidated), C4(Carbamidomethyl)	45	1	1342.79473	3L:-:34108696-34108664	-	-	-	-
1096	QAVLAAR	-	61	2	364.72556	3L:-:33851851-33851831	-	-	-	-
1097	LEAVPLR	-	41	2	399.24786	3L:-:33749931-33749911	-	-	-	-
1098	LPFKGSSWK	-	52	2	525.29333	3L:-:33731686-33731660	-	-	-	-
1099	MVGPIICCHAAAILLSGALNLLR	M1(Oxidation), C7(Carbamidomethyl), C8(Carbamidomethyl)	81	1	2479.33316	3L:-:33536482-33536414	BM621783;BM656588;BX028360;CR534596;BM605527;BX006562;BX032434	SNAP_ANOPHELES00000001218	-	-
1100	IILAHPVK	-	42	1	890.57152	3L:-:33363453-33363430	BM605831;BM581513;AL693436	-	-	-
1101	KVELPVVPHTECQQSLR	C12(Carbamidomethyl)	100	1	2020.06290	3L:-:33271308-33271258	AL934571;CR530021;BX615111;BX616591;BM655755;BX026547;CR525832;CR525833;BM598126;BX615822;BX070892	SNAP_ANOPHELES00000001180	-	-
1102	FALHQSFLCAGGVAGK	C9(Carbamidomethyl)	118	1	1662.85015	3L:-:33271236-33271189	BX033606;BX616591;BX032473;BX026547;BX062479;CR525832;CR525833;BM598126;BX615822;BX070892	SNAP_ANOPHELES00000001180	-	-
1103	DWIDQQLVQR	-	76	1	1300.67009	3L:-:33271038-33271009	BX033606;CR530021;BM593538;ncbi_BM593538;BX032473;BX026547;BX062479;CR525832;CR525833;BM598126	-	-	-
1104	NQGLDIKK	N1(Deamidated)	54	1	916.51158	3L:-:33197903-33197880	-	-	-	-
1105	VSALAQALPVVAHFGFGR	-	82	1	1840.02243	3L:-:32872792-32872739	CR534764;CR534332	SNAP_ANOPHELES00000016463	-	-
1106	VGLQDQVLLEDYQSEDAFIDNLR	-	122	2	1340.65686	3L:-:32458953-32458885	BM638580;BM644921;BM621322;BM623813	SNAP_ANOPHELES00000002262	-	-
1107	VGLQDQVLLEDYQSEDAFIDNLRK	-	128	1	2808.41050	3L:-:32458953-32458882	BM638580;BM644921;BM621322;BM623813	SNAP_ANOPHELES00000002262	-	-
1108	ELPIYTESDVK	-	64	2	647.33264	3L:-:32458374-32458342	BM638580;BM644921;BM621322;BM623813	SNAP_ANOPHELES00000002262	-	-
1109	ELPIYTESDVKEYR	-	78	2	871.43427	3L:-:32458374-32458333	BM638580;BM644921;BM621322;BM623813	SNAP_ANOPHELES00000002262	-	-
1110	LVHYAGDVTYSVHGFLDK	-	121	1	2021.01175	3L:-:32456316-32456263	BM591395;BM613861;GO898765;BM643320	SNAP_ANOPHELES00000002262	-	-

1111	LVHYAGDVTYSVHGFLDKNN DLLFR	-	146	1	2893.46059	3L:-:32456316-32456242	BM591395;BM613861; GO898765;BM643320	SNAP_ANOPHELES00000 002262	-	-
1112	DLKETMAECSNGIIR	M6(Oxidation), C9(Carbamidomethyl)	65	2	876.92181	3L:-:32456241-32456197	BM591395;BM613861; GO898765;BM643320	SNAP_ANOPHELES00000 002262	-	-
1113	NSLNNLMDILMCK	M7(Oxidation), M11(Oxidation), C12(Carbamidomethyl)	91	1	1597.73430	3L:-:32456130-32456092	BM591395;GO898765; BM603892	SNAP_ANOPHELES00000 002262	CPIJ015035-PA	AAEL011905-PA
1114	NSLNNLMDILMCK	N1(Deamidated), M7(Oxidation), M11(Oxidation), C12(Carbamidomethyl)	47	1	1598.73442	3L:-:32456130-32456092	BM591395;GO898765; BM603892	SNAP_ANOPHELES00000 002262	CPIJ015035-PA	AAEL011905-PA
1115	YLGLMENLR	-	59	2	554.79456	3L:-:32456004-32455978	GO898765;BM603892	SNAP_ANOPHELES00000 002262	CPIJ015035-PA	AAEL011905-PA
1116	TYELFLQR	-	53	2	535.28729	3L:-:32455947-32455924	GO898765;BM603892	SNAP_ANOPHELES00000 002262	CPIJ015035-PA	-
1117	QTWPHYHGPAQDGVQILANE LGYGK	-	87	1	2779.36562	3L:-:32455905-32455831	GO898765;BM603892	SNAP_ANOPHELES00000 002262	-	-
1118	QTWPHYHGPAQDGVQILANE LGYGKDDYR	-	56	1	3328.57143	3L:-:32455905-32455819	GO898765;BM603892	SNAP_ANOPHELES00000 002262	-	-
1119	TLFDTEDAFQAR	-	94	1	1413.66631	3L:-:32455782-32455747	BX037141;GO935210; BX005886;GO898765; BM603892	SNAP_ANOPHELES00000 002262	-	-
1120	KHYLASIIQAR	-	45	1	1299.75273	3L:-:32455746-32455714	GO935210;BM603892	SNAP_ANOPHELES00000 002262	CPIJ015035-PA	AAEL011905-PA
1121	HNLQIYLQQR	Q8(Deamidated)	54	2	657.34540	3L:-:32387188-32387159	-	-	-	-
1122	HNLQIYLQQR	Q9(Deamidated)	54	2	657.34540	3L:-:32387188-32387159	-	-	-	-
1123	ALINLMNVRH	N4(Deamidated), N7(Deamidated)	52	2	591.82275	3L:-:32020367-32020338	-	-	-	-
1124	LQLLILIMVDI	Q2(Deamidated)	39	1	1284.77934	3L:-:31760754-31760722	-	-	-	-
1125	LKVSAIK	N-Term(Acetyl)	43	1	800.52356	3L:-:31697276-31697256	-	-	-	-
1126	LSPILPPLTITSSR	-	44	1	1494.89984	3L:-:31580821-31580780	-	-	-	-
1127	IQPVFSILK	N-Term(Acetyl), Q2(Deamidated)	48	1	1087.63525	3L:-:31453737-31453711	-	-	-	-
1128	SIIIRPLEPQPATHLAR	-	56	1	1912.11930	3L:-:31276149-31276099	-	SNAP_ANOPHELES00000 013738	-	-
1129	FFDDPMLLELAR	M6(Oxidation)	50	1	1482.72759	3L:-:31276038-31276003	-	SNAP_ANOPHELES00000 013738	CPIJ011526-PA	AAEL011382-PA
1130	ILVISLLNQER	N8(Deamidated), Q9(Deamidated)	51	1	1299.75615	3L:-:30839608-30839576	-	-	-	-
1131	RNSLLPIAR	-	45	1	1039.64075	3L:-:30596358-30596332	-	-	-	-
1132	NEILLQPLK	-	44	1	1067.65679	3L:-:30502639-30502613	-	-	-	-
1133	QPQLVPMIVR	-	63	2	590.83911	3L:-:30375200-30375171	-	-	-	-
1134	DISLQFDPDVEDLTQIPQHK	-	72	1	2338.16288	3L:-:30350583-30350524	-	SNAP_ANOPHELES00000 016656	-	-
1135	VMSNLSTINHIIDNNLNQTR	N15(Deamidated)	54	1	2298.17960	3L:-:30237614-30237555	-	-	-	-
1136	IGIIIGNK	-	54	2	414.27109	3L:-:30211232-30211209	-	-	-	-
1137	FHVNGIVIVLQDRK	N4(Deamidated)	49	1	1638.94828	3L:-:30096442-30096401	-	-	-	-
1138	TVQLIYK	Q3(Deamidated)	51	1	865.50262	3L:-:29882969-29882949	-	-	-	-
1139	FLQCTGGVTTMLECLR	C4(Carbamidomethyl), M11(Oxidation), C14(Carbamidomethyl)	81	2	951.45001	3L:-:29882018-29881971	-	SNAP_ANOPHELES00000 001767	-	-
1140	LILDYPIHA	-	55	2	527.80573	3L:-:29716057-29716031	-	-	-	-
1141	NILDKYSYR	N1(Deamidated)	60	1	1172.59985	3L:-:2938063-2938037	-	-	-	-
1142	IVLTSIEIAR	-	51	2	557.84680	3L:-:28930004-28929975	-	-	-	-
1143	YGEQIGALSAAR	Q4(Deamidated)	64	1	1236.62456	3L:-:28672211-28672176	-	-	-	-
1144	IKSLLLTLAR	-	39	2	564.37756	3L:-:28658656-28658627	-	-	-	-
1145	LGQLFIR	-	52	1	846.51933	3L:-:27919465-27919445	-	-	-	-
1146	TSKQLQNENTLIQVGLR	Q13(Deamidated)	47	1	1943.04142	3L:-:27863473-27863423	-	-	-	-
1147	LIGIITGSR	-	54	2	465.28726	3L:-:27669332-27669306	-	-	-	-
1148	LPLLADK	-	51	2	385.24463	3L:-:27439557-27439537	-	-	-	-

1149	TVGIEQLRPLPDHFHDR	-	100	1	2030.06485	3L:-:26434490-26434440	-	SNAP_ANOPHELES00000011457	-	-
1150	QLFQLLFTVKLFR	-	38	1	1653.00063	3L:-:26171652-26171614	-	-	-	-
1151	LNQIIQR	Q3(Deamidated)	65	2	443.26257	3L:-:25931381-25931361	-	-	-	-
1152	KQVQLIQK	Q2(Deamidated), Q4(Deamidated), Q7(Deamidated)	55	2	494.29315	3L:-:25838773-25838750	-	-	-	-
1153	AEQAAGLDEEAAVTGK	-	97	2	780.38239	3L:-:25652690-25652643	-	-	-	-
1154	INLNLQLK	N2(Deamidated), N4(Deamidated), Q6(Deamidated)	53	2	479.77713	3L:-:25298852-25298829	BX620837;BX620839; CR532129	-	-	-
1155	SIQLFTDKPR	-	69	1	1204.67180	3L:-:24973709-24973680	BM604401;BM591085; BM609383;BM597509; BM640273;BM657262; BX613682;BM598544	SNAP_ANOPHELES00000017076	-	-
1156	LAEAALEK	-	52	1	844.48016	3L:-:24906079-24906056	-	-	CPIJ013085-PA	-
1157	DDEQQLNSSYPNEK	-	88	1	1666.72136	3L:-:24472890-24472849	BX620262	SNAP_ANOPHELES00000023097	-	-
1158	IVTNVRIK	N4(Deamidated)	55	1	943.59355	3L:-:24138249-24138226	-	-	-	-
1159	IIIHKQTR	Q6(Deamidated)	40	1	1009.61730	3L:-:23782864-23782841	-	-	-	-
1160	FLNEPAQKGQNESK	N-Term(Acetyl), N3(Deamidated), Q7(Deamidated), Q10(Deamidated), N11(Deamidated)	51	1	1635.76238	3L:-:23696591-23696550	-	-	-	-
1161	NFFRLIATTLK	-	39	1	1323.78472	3L:-:23672078-23672046	-	-	-	-
1162	EQISQVNRLQTIN	N13(Deamidated)	74	1	1543.81243	3L:-:23485125-23485087	-	-	-	-
1163	EQISQVNRLQTIN	Q10(Deamidated)	74	1	1543.81243	3L:-:23485125-23485087	-	-	-	-
1164	LKSLSWQFLIMF	Q7(Deamidated), M11(Oxidation)	61	1	1529.82840	3L:-:2293587-2293552	-	-	-	-
1165	YTGEAFASHPYVHEEFSER	-	129	1	2255.99302	3L:-:2252292-2252236	-	-	-	-
1166	VNPFYTDDEYR	-	71	1	1418.62383	3L:-:2252235-2252203	BM606799	-	-	-
1167	QWKLLLPK	N-Term(Acetyl)	44	1	1067.65679	3L:-:22163264-22163241	-	-	-	-
1168	SPAPSPDPDVDEGSSK	-	65	2	792.85577	3L:-:21933573-21933526	BX624548	SNAP_ANOPHELES00000011115	-	-
1169	VPGVAETEWVTPYSPR	-	96	1	1787.89556	3L:-:21904153-21904106	-	SNAP_ANOPHELES00000011105	-	-
1170	IDFDAFLTPFEICNLHR	C13(Carbamidomethyl)	58	1	2108.02018	3L:-:21904045-21903995	-	SNAP_ANOPHELES00000011105	-	-
1171	RPIMNERQIQK	M4(Oxidation), N5(Deamidated)	53	1	1429.75321	3L:-:2163120-2163088	-	-	-	-
1172	ADVAPAAGGEGGDGATSSDAAAAPAKK	-	74	1	2313.09629	3L:-:21351224-21351144	-	SNAP_ANOPHELES00000001780	-	-
1173	ANFEKDVVYLYQFTR	-	120	1	1892.95647	3L:-:21351113-21351069	BX469314;AJ280059; BM638205	SNAP_ANOPHELES00000001780	-	AAEL003459-PA
1174	DVVYLYQFTR	-	78	1	1303.67009	3L:-:21351098-21351069	BX469314;AJ280059; BM638205	SNAP_ANOPHELES00000001780	-	AAEL003459-PA
1175	TPMLPSISPFCLK	C11(Carbamidomethyl)	50	1	1490.77800	3L:-:21351068-21351030	AJ280059;BM638205	SNAP_ANOPHELES00000001780	-	-
1176	TPMLPSISPFCLK	M3(Oxidation), C11(Carbamidomethyl)	77	1	1506.77458	3L:-:21351068-21351030	AJ280059;BM638205	SNAP_ANOPHELES00000001780	-	-
1177	RFGAQLLLLPR	-	51	1	1283.77934	3L:-:21315265-21315233	-	-	-	-
1178	LAIVIGGR	N-Term(Acetyl)	62	1	840.53101	3L:-:21226115-21226092	-	-	-	-
1179	ETMDEEGKPGYREDGK	M3(Oxidation)	54	1	1856.79544	3L:-:20767838-20767791	-	SNAP_ANOPHELES00000006741	-	-
1180	EDGKNLIEQWK	-	62	1	1359.69133	3L:-:20767802-20767770	-	SNAP_ANOPHELES00000006741	-	-
1181	EQLMSVDTANTDYLLGLFESGHMK	M4(Oxidation), M23(Oxidation)	106	1	2731.27091	3L:-:20767724-20767653	-	SNAP_ANOPHELES00000006741	-	-
1182	MEPTLEDMTR	M1(Oxidation)	55	2	619.77307	3L:-:20767613-20767584	-	SNAP_ANOPHELES00000006741	-	-
1183	MEPTLEDMTR	M1(Oxidation), M8(Oxidation)	71	1	1254.53679	3L:-:20767613-20767584	-	SNAP_ANOPHELES00000006741	-	-

1184	KAIELLQR	-	64	2	485.80728	3L:-:20767583-20767560	-	SNAP_ANOPHELES00000006741	-	-
1185	IGIVIYLK	-	37	1	918.60277	3L:-:19891872-19891849	-	-	-	-
1186	SPLFNENMFR	N-Term(Acetyl), N5(Deamidated), N7(Deamidated)	51	1	1298.55876	3L:-:19766220-19766191	-	-	-	-
1187	TASQPTSNGLK	Q4(Deamidated)	56	2	552.77722	3L:-:19658144-19658112	-	-	-	-
1188	MPANVLLRWASR	N4(Deamidated)	49	1	1414.75188	3L:-:19565401-19565366	-	-	-	-
1189	GPPPSQSTTVLPSDADAGHR	-	57	1	1989.96622	3L:-:19441700-19441641	-	SNAP_ANOPHELES00000014224	-	-
1190	FRIEGIVR	N-Term(Acetyl)	60	2	516.29779	3L:-:19407103-19407080	-	-	-	-
1191	ELILTDKQIEEIMR	-	59	1	1730.93515	3L:-:19391173-19391132	BM580101;BM579197;BM620567;BM589737;BM610634;BM630896;BM624726;BM645031	SNAP_ANOPHELES00000014206	-	-
1192	CFITYVQDLPNGK	C1(Carbamidomethyl), N11(Deamidated)	60	2	778.37415	3L:-:19391068-19391030	BM579197;BM620567;BM589737;BM610634;BM630896;BM624726;BM645031;GO935172	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1193	CFITYVQDLPNGK	C1(Carbamidomethyl)	58	1	1554.76177	3L:-:19391068-19391030	BM579197;BM620567;BM589737;BM610634;BM630896;BM624726;BM645031;GO935172	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1194	GKFLALDLGGTNFR	-	74	1	1508.82244	3L:-:19390930-19390889	BM579197;BM589737;BM610634;BM630896;BM645031	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1195	FLALDLGGTNFR	-	99	2	662.35760	3L:-:19390924-19390889	BM579197;BM589737;BM610634;BM630896;BM645031	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1196	FLALDLGGTNFR	N10(Deamidated)	60	2	662.84747	3L:-:19390924-19390889	BM579197;BM589737;BM610634;BM630896;BM645031	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1197	VLLIHLKDENDFEMLSK	M14(Oxidation)	119	1	2060.07273	3L:-:19390888-19390838	BM589737;BM610634;BM630896;BM645031	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1198	VLLIHLKDENDFEMLSK	-	87	1	2044.07920	3L:-:19390888-19390838	BM589737;BM610634;BM630896;BM645031	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1199	DENDFEMLSK	M7(Oxidation)	66	2	622.26147	3L:-:19390867-19390838	BM589737;BM610634;BM630896;BM645031;GO935171	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1200	IYAIPQSIMLGSGTQLFDHIAECLANFMK	C23(Carbamidomethyl)	46	1	3268.62082	3L:-:19390837-19390751	BM589737;BM610634;BM630896;GO935171	SNAP_ANOPHELES00000014206	CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1201	QFVKPHISFDLMLSEDGSGR	-	59	1	2263.11710	3L:-:19386076-19386017	AL931108;BM645292	SNAP_ANOPHELES00000014206	-	-
1202	GAALVAAVACR	C10(Carbamidomethyl)	71	1	1058.57976	3L:-:19386016-19385984	BM645292	SNAP_ANOPHELES00000014206	CPIJ017812-PA,CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
1203	LLLSELKWGK	-	54	1	1186.71512	3L:-:19179432-19179403	-	-	-	-
1204	LLDVNNR	N5(Deamidated)	56	1	844.45166	3L:-:19009612-19009592	-	-	-	-
1205	ALDLGAR	-	64	2	358.20850	3L:-:18916777-18916757	AL931329	-	-	-
1206	LVLGNGRLWILWGSFWNKPK	-	44	1	2384.30874	3L:-:18524641-18524582	-	-	-	-
1207	AFEVILTR	-	52	2	474.77380	3L:-:18475282-18475259	-	-	-	-
1208	REEYLETIGDVTK	-	62	1	1552.79057	3L:-:17688403-17688365	BX620616	SNAP_ANOPHELES00000001668	-	-
1209	MFDLNVLYSQSK	M1(Oxidation), Q10(Deamidated)	55	1	1461.69056	3L:-:17329701-17329666	-	-	-	-
1210	SRLNYDPLPVAGQK	-	67	1	1557.83953	3L:-:17312112-17312071	-	-	-	-
1211	LNYDPLPVAGQK	-	54	1	1314.70549	3L:-:17312106-17312071	-	-	-	-
1212	INQAGPLGFLNAPIPTSK	-	121	1	1838.01860	3L:-:17312058-17312005	-	-	-	-

1213	TDPIFTQEDR	-	65	1	1221.57378	3L:-:1689178-1689149	-	-	-	-
1214	EAGAPEGELIALK	-	59	2	649.35925	3L:-:15107335-15107297	-	-	-	-
1215	VCFYIFGMSLIIRSNIFYVLR	C2(Carbamidomethyl)	43	1	2611.40311	3L:-:15029260-15029198	-	-	-	-
1216	SKLPNALILK	-	41	2	548.86438	3L:-:14855832-14855803	-	-	-	-
1217	LSKQDLER	Q4(Deamidated)	65	2	495.26883	3L:-:14713890-14713867	-	-	-	-
1218	IGHFQQNGNLK	-	59	1	1255.65312	3L:-:14410429-14410397	-	SNAP_ANOPHELES00000021600	-	-
1219	TGVIIIPFK	-	62	2	494.31787	3L:-:14160828-14160802	-	-	-	-
1220	IVTNVRLK	N4(Deamidated)	55	1	943.59355	3L:-:13588316-13588293	-	-	-	-
1221	FDGTCIVQMLRTSDENEQLICS	C5(Carbamidomethyl), C21(Carbamidomethyl)	54	1	2616.18583	3L:-:13480861-13480796	-	-	-	-
1222	VIDIKINTNPLLL	N7(Deamidated), N9(Deamidated)	44	1	1467.85491	3L:-:12805621-12805583	-	-	-	-
1223	ATSSANGIQNR	N10(Deamidated)	57	2	560.27808	3L:-:12683933-12683901	-	-	-	-
1224	IIEGEECR	C7(Carbamidomethyl)	65	2	503.23874	3L:-:12597651-12597628	-	-	-	-
1225	KVGNTGPLGEVK	N-Term(Acetyl)	51	1	1240.69379	3L:-:12576917-12576882	-	-	-	-
1226	NFPPRTVANRPAR	N9(Deamidated)	52	1	1496.81645	3L:-:12354406-12354368	-	-	-	-
1227	HLTFHDIENER	-	66	1	1410.66959	3L:-:12353984-12353952	-	SNAP_ANOPHELES00000010330	-	-
1228	FIMIFLK	-	48	2	456.27463	3L:-:11832010-11831990	-	-	-	-
1229	NRDINTLVLR	N1(Deamidated), N5(Deamidated)	56	2	608.34106	3L:-:11333004-11332975	-	-	-	-
1230	GLTAIFK	-	48	2	375.23080	3L:-:11227516-11227496	-	-	-	-
1231	PETIGIHTKTPHSLR	-	48	1	1686.90788	2R:+:9984378-9984422	-	-	-	-
1232	LPIFSLLQR	-	53	1	1086.65569	2R:+:8806400-8806426	BM596643;BM643478	-	-	-
1233	LFLLLTTTK	-	41	1	1049.65215	2R:+:8662695-8662721	-	-	-	-
1234	LEAAQILITK	-	47	1	1099.68218	2R:+:8356659-8356688	-	-	-	-
1235	GLPLLIK	-	29	1	753.52295	2R:+:8000219-8000239	-	-	-	-
1236	LQNLFILTELR	N-Term(Acetyl), Q2(Deamidated)	65	1	1402.79521	2R:+:75796-75828	BM633807;BM656460;BM643512;BM606635;BX606893;BM618292	-	-	-
1237	LQNLFILTELR	N-Term(Acetyl), N3(Deamidated)	65	1	1402.79521	2R:+:75796-75828	BM633807;BM656460;BM643512;BM606635;BX606893;BM618292	-	-	-
1238	KPLFIVNTFK	N7(Deamidated)	48	1	1207.69965	2R:+:6893803-6893832	-	-	-	-
1239	IKLLQPNEDSR	Q5(Deamidated), N7(Deamidated)	51	1	1314.69072	2R:+:6759985-6760017	-	-	-	-
1240	LAIHLDVGRA	-	53	1	1064.60820	2R:+:6726362-6726391	-	-	-	-
1241	LICDLSIALNK	N-Term(Acetyl), C3(Carbamidomethyl), N10(Deamidated)	49	1	1302.71501	2R:+:6680048-6680080	BX466873	-	-	-
1242	GFAFSLVLDFSLLTCLTRLFTIR	N-Term(Acetyl), C15(Carbamidomethyl)	44	1	2732.47573	2R:+:651018-651086	-	-	-	-
1243	LSLHQSKLQPLLNTFI	N13(Deamidated)	38	3	618.35748	2R:+:6252333-6252380	-	-	-	-
1244	ILLTIAR	-	43	1	799.54082	2R:+:60402801-60402821	-	-	-	-
1245	QKHHPIR	-	52	2	458.26654	2R:+:5980211-5980231	-	-	-	-
1246	VIDINIFR	N5(Deamidated)	70	2	495.78577	2R:+:59303146-59303169	-	-	-	-
1247	YSMVLLMTAPNR	-	56	1	1395.73259	2R:+:58622802-58622837	-	-	-	-
1248	YSMVLLMTAPNR	M3(Oxidation)	58	1	1411.72624	2R:+:58622802-58622837	-	-	-	-
1249	IQLLQQMAHR	Q5(Deamidated), Q6(Deamidated)	58	1	1239.65605	2R:+:58405626-58405655	-	-	-	-
1250	ILLLQSLLR	Q5(Deamidated)	72	1	1069.69682	2R:+:5838823-5838849	-	-	-	-
1251	VPVLLGE	N-Term(Acetyl)	45	2	384.72406	2R:+:58387889-58387909	-	-	-	-
1252	AGNIISR	-	71	2	365.71402	2R:+:58204356-58204376	-	-	-	-
1253	ANRNLFITSK	N2(Deamidated), N4(Deamidated)	52	1	1165.61406	2R:+:57784072-57784101	-	-	-	-
1254	NITDSVVV	N1(Deamidated)	55	2	424.22934	2R:+:57201229-57201252	-	-	-	-
1255	TFLFYTHLIELVR	-	49	1	1651.92752	2R:+:56757026-56757064	-	-	-	-

1256	TVINLVQLLK	N4(Deamidated), Q7(Deamidated)	51	1	1142.71103	2R:+:56672900-56672929	-	-	-	-
1257	KGLLLENQIR	N-Term(Acetyl)	53	2	613.36792	2R:+:56558771-56558800	-	-	-	-
1258	VTLLTHSPLMVAK	-	42	1	1409.83281	2R:+:56551712-56551750	-	-	-	-
1259	QSVKLNNVK	N-Term(Acetyl), Q1(Deamidated), N6(Deamidated)	52	1	1073.59062	2R:+:56158964-56158990	-	-	-	-
1260	ELVIPQK	Q6(Deamidated)	43	1	827.48779	2R:+:55464475-55464495	-	-	-	-
1261	AVEMMNGKIENGEK	M4(Oxidation), N6(Deamidated)	52	2	783.87183	2R:+:55257091-55257132	-	-	-	-
1262	AVEMMNGKIENGEK	M5(Oxidation), N6(Deamidated)	48	1	1566.73638	2R:+:55257091-55257132	-	-	-	-
1263	EPPTPTVRIEIAGR	N-Term(Acetyl)	51	1	1577.86557	2R:+:54749157-54749198	-	-	-	-
1264	VHTSLLGK	-	54	1	854.51050	2R:+:54723451-54723474	-	-	-	-
1265	ILQQINLIF	Q3(Deamidated), Q4(Deamidated)	53	1	1103.63262	2R:+:53891862-53891888	-	-	-	-
1266	INHFGGQLIAPR	-	51	1	1322.74614	2R:+:52989007-52989042	-	-	-	-
1267	PKLNFLLK	N-Term(Acetyl), N4(Deamidated)	45	2	508.31866	2R:+:52960377-52960400	-	-	-	-
1268	QFISLLCLRQFQLF	N-Term(Acetyl), C7(Carbamidomethyl), Q12(Deamidated)	51	1	1855.97202	2R:+:52858518-52858559	-	-	-	-
1269	QLGALLASK	Q1(Deamidated)	51	1	901.53522	2R:+:5221871-5221897	-	-	-	-
1270	TLQQLPPPSFFA	Q4(Deamidated)	50	1	1346.69629	2R:+:51473484-51473519	-	-	-	-
1271	RFNEILINAR	N3(Deamidated)	59	2	623.84973	2R:+:48647790-48647819	-	-	-	-
1272	LLLQQPNKPK	-	40	1	1178.72550	2R:+:47337533-47337562	-	-	-	-
1273	LLLQQPNKPK	Q5(Deamidated)	40	1	1179.70978	2R:+:47337533-47337562	-	-	-	-
1274	LLLQQPNKPK	N7(Deamidated)	40	1	1179.70978	2R:+:47337533-47337562	-	-	-	-
1275	YVLNLTR	N4(Deamidated)	56	1	879.49382	2R:+:47304176-47304196	-	-	-	-
1276	THAASLAFKSFDNEPF	N13(Deamidated)	47	1	1782.85233	2R:+:47098446-47098493	-	-	-	-
1277	ADGKENSYAGAYILDQNVLK	Q16(Deamidated), N17(Deamidated)	46	1	2171.06133	2R:+:46867335-46867394	-	-	-	-
1278	GLHVERGR	-	55	1	923.50578	2R:+:46559446-46559469	BX467616;BM579047	-	-	-
1279	SNLQNIIK	Q4(Deamidated), N5(Deamidated)	62	2	466.25833	2R:+:46187922-46187945	-	-	-	-
1280	AAAEEQVK	N-Term(Acetyl), Q6(Deamidated)	56	1	888.44072	2R:+:46147876-46147899	-	-	-	-
1281	KQEQQVQGK	Q5(Deamidated), Q7(Deamidated)	51	1	1074.54241	2R:+:45019503-45019529	-	-	-	-
1282	FLLNVAWT	N4(Deamidated)	53	2	482.76584	2R:+:44999039-44999062	-	-	-	-
1283	NIQLHFIQTR	N1(Deamidated), Q3(Deamidated), Q8(Deamidated)	57	1	1272.66191	2R:+:44687831-44687860	-	-	-	-
1284	LQIGIPIK	-	43	1	881.58403	2R:+:44234583-44234606	-	-	-	-
1285	WLTSSLDNGVGSFNRPSR	N8(Deamidated)	57	3	665.33246	2R:+:43883693-43883746	-	-	-	-
1286	KLLALLFLPH	-	35	1	1164.74748	2R:+:4364669-4364698	-	-	-	-
1287	NHSFVSEAILKQAQ	N-Term(Acetyl)	48	1	1613.84653	2R:+:42759829-42759870	BX615980;BX609310	-	-	-
1288	MGNQRQYSSFLTADVK	M1(Oxidation), N3(Deamidated), Q6(Deamidated)	48	1	1862.84159	2R:+:41962224-41962271	-	-	-	-
1289	MGNQRQYSSFLTADVK	M1(Oxidation), Q4(Deamidated), Q6(Deamidated)	48	1	1862.84159	2R:+:41962224-41962271	-	-	-	-
1290	SPLELNLDLVR	-	67	1	1268.73503	2R:+:41897819-41897851	-	-	-	-
1291	LITFLQLHHRGLHPSQR	Q16(Deamidated)	51	1	2054.13370	2R:+:41430706-41430756	-	-	-	-
1292	DEFSCDGTR	C5(Carbamidomethyl)	45	2	543.71143	2R:+:41155458-41155484	-	-	-	-
1293	LPFFTLVR	-	42	1	992.59331	2R:+:40645841-40645864	-	-	-	-
1294	LELMASGPNITVQR	N-Term(Acetyl), M4(Oxidation), N9(Deamidated), Q13(Deamidated)	48	1	1588.78423	2R:+:40629977-40630018	-	-	-	-
1295	LTLEFDPSLSTIER	-	60	1	1620.82688	2R:+:40213974-40214015	-	-	-	-

1296	GALSLLLIMLTVSMVVPDR	N-Term(Acetyl), M9(Oxidation)	46	1	2086.17544	2R:+:40190122-40190178	-	-	-	-
1297	GALSLLLIMLTVSMVVPDR	N-Term(Acetyl), M14(Oxidation)	46	1	2086.17544	2R:+:40190122-40190178	-	-	-	-
1298	VNMIMKIK	M5(Oxidation)	59	1	992.56066	2R:+:40179613-40179636	-	-	-	-
1299	VNMIMKIK	M3(Oxidation), M5(Oxidation)	56	1	1008.55486	2R:+:40179613-40179636	-	-	-	-
1300	LLNVDNR	N3(Deamidated)	56	1	844.45166	2R:+:40160851-40160871	-	-	-	-
1301	FLQSRSGSEGSNNFPPLR	N13(Deamidated)	44	1	1993.97843	2R:+:40104695-40104748	-	-	-	-
1302	FLQSRSGSEGSNNFPPLR	N12(Deamidated)	44	1	1993.97843	2R:+:40104695-40104748	-	-	-	-
1303	IGAIVHSR	-	52	1	852.50511	2R:+:39838784-39838807	-	-	-	-
1304	LNDIQNNLNKK	N6(Deamidated), N7(Deamidated)	76	1	1315.67375	2R:+:39722470-39722502	-	-	-	-
1305	LNDIQNNLNKK	N2(Deamidated), N6(Deamidated), N7(Deamidated)	77	1	1316.65764	2R:+:39722470-39722502	-	-	-	-
1306	LNDIQNNLNKK	N2(Deamidated), N6(Deamidated), N9(Deamidated)	64	1	1316.65947	2R:+:39722470-39722502	-	-	-	-
1307	LNDIQNNLNKK	N6(Deamidated), N9(Deamidated)	64	1	1315.67351	2R:+:39722470-39722502	-	-	-	-
1308	LNDIQNNLNKK	Q5(Deamidated), N7(Deamidated)	62	1	1315.67046	2R:+:39722470-39722502	-	-	-	-
1309	RLNDIQNNLNK	N3(Deamidated), Q6(Deamidated), N7(Deamidated), N8(Deamidated)	51	1	1345.66216	2R:+:39722467-39722499	-	-	-	-
1310	LLLPTQIR	-	41	2	477.30536	2R:+:39674180-39674203	-	-	-	-
1311	RSLLLEMPLLV	-	51	1	1283.76872	2R:+:39236284-39236316	-	-	-	-
1312	APLILQMKGQK	Q6(Deamidated), M7(Oxidation)	51	1	1243.70378	2R:+:38742886-38742918	-	-	-	-
1313	APLILQMKGQK	M7(Oxidation), Q10(Deamidated)	51	1	1243.70378	2R:+:38742886-38742918	-	-	-	-
1314	NITHNLK	N1(Deamidated)	51	1	840.45799	2R:+:37677604-37677624	BX061911	-	-	-
1315	LIIFSFIR	-	43	1	1008.63530	2R:+:36178779-36178802	-	-	-	-
1316	RLDDVVQEIR	Q7(Deamidated)	51	1	1243.66020	2R:+:35997170-35997199	-	-	-	-
1317	LQSQILQFIR	Q2(Deamidated), Q7(Deamidated)	55	2	624.35364	2R:+:35701835-35701864	-	-	-	-
1318	EPKITVER	-	68	2	486.27960	2R:+:35166835-35166858	-	-	-	-
1319	QNALAYLK	-	53	1	920.51324	2R:+:34948461-34948484	-	-	-	-
1320	TTAAGLVLLPADK	-	50	2	635.37695	2R:+:34768598-34768636	-	-	-	-
1321	PLLIDLLR	-	52	2	476.81326	2R:+:34443375-34443398	-	-	-	-
1322	GIPIIIK	-	29	1	753.52295	2R:+:34091574-34091594	-	-	-	-
1323	AGNLLDK	-	55	2	365.71378	2R:+:33466749-33466769	-	-	CPIJ001098-PA	-
1324	YHVPLKNAIEK	N7(Deamidated)	60	1	1312.71099	2R:+:33301503-33301535	-	-	-	-
1325	NAQDDENK	N1(Deamidated), Q3(Deamidated), N7(Deamidated)	42	1	936.34430	2R:+:32144111-32144134	-	-	-	-
1326	VATFKDAR	-	55	1	907.49980	2R:+:31850630-31850653	-	-	-	-
1327	EKQVQQLK	Q5(Deamidated)	53	1	1001.56304	2R:+:31850015-31850038	-	-	-	-
1328	KLQVQDLAEK	Q3(Deamidated), Q5(Deamidated)	52	1	1173.64971	2R:+:31629184-31629213	-	-	-	-
1329	KFKPEIER	-	46	2	523.80438	2R:+:31568339-31568362	-	-	-	-
1330	LNLNTIVALNK	N2(Deamidated), N4(Deamidated), N10(Deamidated)	56	2	608.34680	2R:+:30755329-30755361	-	-	-	-
1331	KVLQFIR	-	46	2	452.29196	2R:+:30607088-30607108	-	-	-	-
1332	IIEQINHSI	N6(Deamidated)	53	1	1067.57866	2R:+:30589281-30589307	-	-	-	-
1333	FTQGIPLSK	Q3(Deamidated)	53	1	991.55522	2R:+:29531064-29531090	-	-	-	-
1334	LSTAQSVLNLTS	N9(Deamidated)	56	1	1234.64690	2R:+:29473701-29473736	-	-	-	-
1335	VILPLLLR	-	30	1	936.65961	2R:+:29464778-29464801	-	-	-	-
1336	RLFPLILK	-	41	1	999.67015	2R:+:29169788-29169811	-	-	-	-

1337	QLGVLPK	Q1(Deamidated)	40	1	755.46637	2R:+:29035787-29035807	-	-	-	-
1338	KIIYHLR	-	53	2	471.79892	2R:+:28943917-28943937	BX467691;BM613826;BM628889;ncbi_BM628889;ncbi_BM613826	-	-	-
1339	QTNLLLNHFK	N7(Deamidated)	68	2	614.83990	2R:+:27820830-27820859	-	-	-	-
1340	IPALEIR	-	55	2	406.25540	2R:+:27161544-27161564	-	-	-	-
1341	SELNSSVSLPK	N4(Deamidated)	56	1	1161.59270	2R:+:27144443-27144475	-	-	-	-
1342	CGVVSILLK	C1(Carbamidomethyl)	50	1	988.58563	2R:+:27032704-27032730	-	-	-	-
1343	NRLIDDHLPR	N1(Deamidated)	46	2	625.34430	2R:+:26926394-26926423	-	-	-	-
1344	TQRFLTADSNDR	N10(Deamidated)	55	1	1424.69231	2R:+:26422753-26422788	-	-	-	-
1345	MKNSLVILDLTINQK	N-Term(Acetyl)	48	1	1771.99308	2R:+:2628029-2628073	-	-	-	-
1346	TAASLLLR	-	55	2	422.76590	2R:+:24916133-24916156	-	-	-	-
1347	FIILLFRQ	-	41	1	1049.65215	2R:+:24361262-24361285	-	-	-	-
1348	VVHGAILR	-	44	1	864.54333	2R:+:23806216-23806239	-	-	-	-
1349	NLPATTTTTTVQK	N-Term(Acetyl), N1(Deamidated), Q12(Deamidated)	63	1	1419.71172	2R:+:23755454-23755492	-	-	-	-
1350	SIVGVGAK	-	48	2	365.72632	2R:+:2334126-2334149	-	-	-	-
1351	FLILLQFR	-	41	1	1049.65215	2R:+:22406476-22406499	-	-	-	-
1352	CIDLALNLHLR	C1(Carbamidomethyl)	59	2	669.37164	2R:+:21679732-21679764	-	-	-	-
1353	CDLFDIFLTTSRSK	C1(Carbamidomethyl)	53	1	1702.83139	2R:+:21270004-21270045	-	-	-	-
1354	ILPSRMILTLK	N-Term(Acetyl), M6(Oxidation)	45	1	1342.79473	2R:+:21241592-21241624	-	-	-	-
1355	LMTGYDEFTFTEGSVGSDIGNWVR	M2(Oxidation)	130	1	2697.23174	2R:+:2095290-2095361	-	-	-	-
1356	LLVHARLLR	-	29	1	1090.73371	2R:+:20819852-20819878	-	-	-	-
1357	LGSSLFGATGSPQK	-	94	1	1349.70915	2R:+:20722940-20722981	-	-	-	-
1358	SSLELQLDP	Q6(Deamidated)	62	2	501.74603	2R:+:19113536-19113562	-	-	-	-
1359	AHHQTGSSSVHDPDR	-	57	2	815.87250	2R:+:1899262-1899306	-	-	-	-
1360	QQVAAAAVQ	-	56	1	885.48975	2R:+:1898834-1898860	-	-	-	-
1361	FMMPFK	-	53	2	400.69427	2R:+:18976407-18976424	-	-	-	-
1362	QQQHSQVVVLLHLLHTITLRCMQR	N-Term(Acetyl), Q6(Deamidated), C21(Carbamidomethyl)	50	1	2981.56972	2R:+:18658266-18658337	-	-	-	-
1363	QQQHSQVVVLLHLLHTITLRCMQR	N-Term(Acetyl), Q3(Deamidated), C21(Carbamidomethyl)	50	1	2981.56972	2R:+:18658266-18658337	-	-	-	-
1364	QQQHSQVVVLLHLLHTITLRCMQR	N-Term(Acetyl), Q2(Deamidated), C21(Carbamidomethyl)	50	1	2981.56972	2R:+:18658266-18658337	-	-	-	-
1365	QQQHSQVVVLLHLLHTITLRCMQR	N-Term(Acetyl), Q1(Deamidated), C21(Carbamidomethyl)	50	1	2981.56972	2R:+:18658266-18658337	-	-	-	-
1366	IIEMVQISVSKN	M4(Oxidation), N12(Deamidated)	55	1	1377.74114	2R:+:180706-180741	-	-	-	-
1367	IVGSAYRLR	-	41	1	1034.62444	2R:+:17893624-17893650	-	-	-	-
1368	AGIFNVILS	N-Term(Acetyl)	55	1	975.56267	2R:+:17799238-17799264	-	-	-	-
1369	LALALLQR	-	65	2	449.29935	2R:+:17675240-17675263	BX611523;BX614612;AJ284065	-	-	-
1370	QQTLLPSAGALDKLK	-	49	1	1582.90520	2R:+:17115099-17115143	-	-	-	-
1371	FDGLLSQHQQQR	Q7(Deamidated), Q10(Deamidated), Q11(Deamidated)	51	1	1459.70176	2R:+:16209639-16209674	-	-	-	-
1372	EQFCLIVIAGQKK	Q2(Deamidated), C4(Carbamidomethyl), Q11(Deamidated)	50	1	1535.83481	2R:+:15832675-15832713	-	-	-	-
1373	ALVEFIER	-	59	1	976.54662	2R:+:15576039-15576062	-	-	-	-
1374	ALVEFIER	N-Term(Acetyl)	63	1	1018.55736	2R:+:15576039-15576062	-	-	-	-
1375	LPFGASITITGAAR	-	57	2	687.88538	2R:+:15172938-15172979	-	-	-	-
1376	QNGSFISTGQRL	N2(Deamidated), Q10(Deamidated)	51	2	655.32385	2R:+:15048937-15048972	-	-	-	-

1377	QNGSFISTGQRL	Q1(Deamidated), Q10(Deamidated)	51	2	655.32385	2R:+:15048937-15048972	-	-	-	-
1378	GQTDIIISVAVR	-	51	1	1271.73235	2R:+:14455616-14455651	-	-	-	-
1379	AGNILSR	-	71	2	365.71402	2R:+:14270658-14270678	-	-	-	-
1380	NCLTTLEK	N1(Deamidated), C2(Carbamidomethyl)	54	2	490.24054	2R:+:13995123-13995146	-	-	-	-
1381	NLVQQQQQLGR	Q4(Deamidated), Q6(Deamidated)	58	2	657.34497	2R:+:13961248-13961280	-	-	-	-
1382	ATINKAILR	N4(Deamidated)	52	1	1000.61583	2R:+:13751171-13751197	-	-	-	-
1383	AIFLHNLK	N-Term(Acetyl)	54	1	997.57384	2R:+:13684946-13684969	-	-	-	-
1384	IMAFGAPKVHPVR	M2(Oxidation)	49	1	1438.80658	2R:+:13250345-13250383	-	-	-	-
1385	LATVTVPR	-	70	2	428.76767	2R:+:13156247-13156270	-	-	-	-
1386	ALLLVITLGR	-	41	1	1068.71794	2R:+:12671179-12671208	BX021004;CD747285; BM608981;ncbi_CD747285	-	-	-
1387	IILPANLAK	N6(Deamidated)	42	1	953.60326	2R:+:12134630-12134656	-	-	-	-
1388	PYLNQVINHPSTQMQK	N4(Deamidated), Q5(Deamidated), Q15(Deamidated)	52	1	1900.93851	2R:+:115183-115230	-	-	-	-
1389	PYLNQVINHPSTQMQK	N4(Deamidated), Q5(Deamidated), N8(Deamidated)	52	1	1900.93851	2R:+:115183-115230	-	-	-	-
1390	PYLNQVINHPSTQMQK	N4(Deamidated), Q5(Deamidated), Q13(Deamidated)	52	1	1900.93851	2R:+:115183-115230	-	-	-	-
1391	TVLSKTANK	N8(Deamidated)	55	1	962.55248	2R:+:11136980-11137006	-	-	-	-
1392	VQTEMIIKIIK	M5(Oxidation)	55	1	1331.79668	2R:+:11052751-11052783	-	-	-	-
1393	LVQDEFLDYYR	-	57	1	1460.70635	2R:+:110054-110086	-	-	-	-
1394	MLILVLHQTKR	Q8(Deamidated)	57	2	676.90094	2R:-:9641220-9641188	-	-	-	-
1395	IIPIVLTLK	-	29	1	1009.71489	2R:-:9308417-9308391	-	-	-	-
1396	IIINSIYR	-	64	1	991.59807	2R:-:9151061-9151038	-	-	-	-
1397	LFVAIEQLLHLGHAR	Q7(Deamidated)	48	1	1717.96671	2R:-:9094315-9094271	-	-	-	-
1398	KIAQNINLIQEF	N7(Deamidated), Q10(Deamidated)	61	2	716.88062	2R:-:8911999-8911964	-	-	-	-
1399	RTDGLAQLAR	-	60	2	550.80762	2R:-:8858858-8858829	BX063430;BX063431; BX610996;BM590400; BM621486;BX042513; BM578148;BM642765; BM646531;BM610738; BM639315;AL692563; BX065294;BM643602; BM622449;BM620582; BM641242;BM583216; BX068750;BX025434; BX025435;BX040490; BM630544;BM589155; BM607076;BM628468; BM647216;BX625667; BX607432;BX611296; BM588497;CR525687; CR525688;BM636234	-	-	-
1400	ELEEGLER	-	46	1	974.47980	2R:-:8726778-8726755	-	-	-	-
1401	LSRTFTAMFR	M8(Oxidation)	61	1	1245.62761	2R:-:7969020-7968991	-	-	-	-
1402	QIVLPLSG	Q1(Deamidated)	43	1	827.48779	2R:-:7927783-7927760	-	-	-	-
1403	AGPIRSSLAGK	-	55	1	1056.60578	2R:-:6860925-6860893	-	-	-	-
1404	LAADVDRPMAR	-	52	1	1214.64887	2R:-:6687577-6687545	BX617110;BM621747; BM620796;BX601943	SNAP_ANOPHELES00000015650	-	-
1405	YTAERMQPGSR	M6(Oxidation)	55	1	1311.59880	2R:-:6203102-6203070	-	-	-	-
1406	QKLILLSQLQLSTLR	-	32	1	1754.07639	2R:-:59780777-59780733	-	-	-	-
1407	MSSNVSSNR	M1(Oxidation), N4(Deamidated)	52	2	499.72104	2R:-:5964184-5964158	-	-	-	-

1408	KLFSEEGQVILIIK	Q8(Deamidated)	50	1	1617.94077	2R:-:58753319-58753278	-	-	-	-
1409	ISILQFRL	-	54	1	989.61998	2R:-:58689224-58689201	-	-	-	-
1410	SSCHHDQR	C3(Carbamidomethyl), Q7(Deamidated)	46	2	514.19867	2R:-:58678700-58678677	AL934536;BM616065; BX625025	-	-	-
1411	TGHHEEQAPRPEYTDEQLEDI VDSVLR	-	111	1	3163.50454	2R:-:58673170-58673090	BM598179;BM604672	-	-	-
1412	IVKLSLQLK	-	40	1	1041.70305	2R:-:58178389-58178363	-	-	-	-
1413	IGMIINRVQLSR	M3(Oxidation), N6(Deamidated), Q9(Deamidated)	52	1	1417.78032	2R:-:57898834-57898799	-	-	-	-
1414	VSPLGSGVHHFVDVSPNLLA VK	-	51	1	2272.25498	2R:-:57636633-57636568	AL932618	-	-	-
1415	ICEVIVLK	C2(Carbamidomethyl)	52	1	973.57782	2R:-:57554236-57554213	-	-	-	-
1416	QLHALFQSLDKLTNIR	N-Term(Acetyl)	44	1	1939.08762	2R:-:56823569-56823522	AJ280503;ncbi_AJ282 206;AJ282206;ncbi_A J280503	-	-	-
1417	NKVIISPLLEK	N-Term(Acetyl), N1(Deamidated)	50	1	1296.75798	2R:-:56227315-56227283	-	-	-	-
1418	FHYVLNVLFSKK	-	48	1	1494.83118	2R:-:55896341-55896306	-	-	-	-
1419	LAELLNFR	N6(Deamidated)	70	2	488.77722	2R:-:555056-555033	-	-	-	-
1420	LIKNNILK	N4(Deamidated), N5(Deamidated)	46	1	957.59740	2R:-:55491584-55491561	-	-	-	-
1421	NLTVLPLTMR	N1(Deamidated), M9(Oxidation)	52	1	1174.64409	2R:-:55118173-55118144	-	-	-	-
1422	AFLVSIK	-	50	2	389.24731	2R:-:53961026-53961006	-	-	-	-
1423	NIATLVDLLR	N1(Deamidated)	52	1	1128.66465	2R:-:53778580-53778551	-	-	-	-
1424	RVDILATTTR	-	52	1	1145.65764	2R:-:52913839-52913810	-	-	-	-
1425	QISVGLTIK	-	53	1	958.58917	2R:-:52656267-52656241	-	-	-	-
1426	TDNLLAAFR	N3(Deamidated)	80	2	511.27051	2R:-:52506375-52506349	-	-	-	-
1427	NLEGGDILK	N1(Deamidated)	54	1	959.50452	2R:-:52226740-52226714	-	-	-	-
1428	LTGQSANGNASADVSIDVVR	N7(Deamidated)	51	1	1974.97995	2R:-:51815383-51815324	-	-	-	-
1429	LTGQSANGNASADVSIDVVR	N9(Deamidated)	51	1	1974.97995	2R:-:51815383-51815324	-	-	-	-
1430	LTGQSANGNASADVSIDVVR	N-Term(Acetyl)	56	1	2016.00345	2R:-:51815383-51815324	-	-	-	-
1431	LTGQSANGNASADVSIDVVR	Q4(Deamidated)	58	1	1974.98124	2R:-:51815383-51815324	-	-	-	-
1432	LAEEIVHVSASSFDSNILNR	-	88	1	2201.12052	2R:-:50773048-50772989	-	-	-	-
1433	RIANVLIQLANR	N4(Deamidated)	41	1	1381.83171	2R:-:50716413-50716378	-	-	-	-
1434	RYEQELALR	Q4(Deamidated)	64	1	1178.61662	2R:-:501440-501414	-	-	-	-
1435	CTLVLSRHIDK	C1(Carbamidomethyl)	56	2	671.36377	2R:-:50051742-50051710	-	-	-	-
1436	QIKIDNIIR	N6(Deamidated)	52	1	1113.66631	2R:-:49911906-49911880	-	-	-	-
1437	IGLLILTR	-	42	2	449.80884	2R:-:49387127-49387104	-	-	-	-
1438	LLLSHWKYM	-	52	1	1190.65656	2R:-:49382211-49382185	-	-	-	-
1439	IRQSLNNVK	Q3(Deamidated), N6(Deamidated)	53	1	1073.59807	2R:-:491236-491210	-	-	-	-
1440	VSTIINNR	N6(Deamidated), N7(Deamidated)	63	2	459.74731	2R:-:48160637-48160614	-	-	-	-
1441	IAFGIELNQR	-	66	2	580.82751	2R:-:47697055-47697026	-	-	-	-
1442	LLALDVAVLR	-	86	2	541.85077	2R:-:47697025-47696996	-	-	-	-
1443	ALEGDRDCISNR	C8(Carbamidomethyl)	63	1	1405.65300	2R:-:47696956-47696921	-	-	-	-
1444	LLVEWDEGYLR	-	75	1	1392.72612	2R:-:47696869-47696837	-	-	-	-
1445	TLLMSHNAQQLTLGANDEFGT SK	M4(Oxidation)	54	1	2492.21830	2R:-:47696662-47696594	-	-	-	-
1446	TLLMSHNAQQLTLGANDEFGT SK	-	83	1	2476.22147	2R:-:47696662-47696594	-	-	-	-
1447	ANMLQCAENLVEEAK	M3(Oxidation), C6(Carbamidomethyl)	56	1	1735.80571	2R:-:47696593-47696549	-	-	-	-
1448	ANMLQCAENLVEEAKK	M3(Oxidation), C6(Carbamidomethyl)	60	1	1863.90030	2R:-:47696593-47696546	-	-	-	-
1449	ISIILAFGR	-	42	1	989.61388	2R:-:47655239-47655213	-	-	-	-

1450	KDELIIK	-	54	2	429.77411	2R:-:46746125-46746105	-	-	-	-
1451	LDHDLLWK	-	53	1	1039.55644	2R:-:46052265-46052242	-	-	-	-
1452	WTGEESAGHSR	-	52	1	1216.54350	2R:-:4571364-4571332	BM638816;AL694805	-	-	-
1453	IQQEQTALR	Q3(Deamidated), Q5(Deamidated)	57	2	544.78345	2R:-:44819455-44819429	-	-	-	-
1454	FAYAIDVRK	-	48	1	1082.59929	2R:-:44050729-44050703	-	-	-	-
1455	AIPVILK	-	42	1	753.52502	2R:-:43775723-43775703	BM624263	-	-	-
1456	LRQGMLSK	M5(Oxidation)	52	1	948.53247	2R:-:43579408-43579385	-	-	-	-
1457	RFIIPIIK	-	41	1	999.67015	2R:-:43209443-43209420	-	-	-	-
1458	LHENNDIR	N4(Deamidated), N5(Deamidated)	56	1	1012.46788	2R:-:42632491-42632468	-	-	-	-
1459	SGVVVLVGTTAADAR	N-Term(Acetyl)	51	2	729.40186	2R:-:42280984-42280940	AL931566	-	-	-
1460	TAVGGAALAWR	-	55	1	1072.60015	2R:-:42128368-42128336	-	-	-	-
1461	YVASANSPEDLDMINR	N6(Deamidated), M13(Oxidation)	84	2	906.41864	2R:-:42074726-42074679	-	-	-	-
1462	YVASANSPEDLDMINR	M13(Oxidation)	139	1	1810.82329	2R:-:42074726-42074679	-	-	-	-
1463	YVASANSPEDLDMINR	-	109	1	1794.83147	2R:-:42074726-42074679	-	-	-	-
1464	RVGLFGVLLR	-	36	1	1129.72380	2R:-:41844534-41844505	-	-	-	-
1465	ALLSMICTLIVQR	M5(Oxidation), C7(Carbamidomethyl)	50	1	1533.85015	2R:-:40803844-40803806	-	-	-	-
1466	LLNEIMIIPFRSSVR	-	48	1	1787.99503	2R:-:40747314-40747270	-	-	-	-
1467	IATFKLK	-	43	1	820.52806	2R:-:39863023-39863003	-	-	-	-
1468	IPQLPNLK	-	41	1	922.57225	2R:-:39619329-39619306	-	-	-	-
1469	NSAILQTLLK	-	45	1	1100.66748	2R:-:38651618-38651589	-	-	-	-
1470	EKQQLTPTLDR	Q3(Deamidated), Q4(Deamidated)	50	1	1330.68962	2R:-:38574907-38574875	-	-	-	-
1471	LVQLIQDK	Q3(Deamidated)	53	2	479.29001	2R:-:38487991-38487968	-	-	-	-
1472	HNGMGTVAIVPK	N2(Deamidated)	50	2	612.82227	2R:-:37203386-37203351	-	-	-	-
1473	ASVLELNK	N7(Deamidated)	51	1	874.49883	2R:-:36726197-36726174	-	-	-	-
1474	RVFASLIGK	-	50	1	990.59882	2R:-:36004271-36004245	-	-	-	-
1475	ELLLLSVRGER	-	39	1	1284.77934	2R:-:35937333-35937301	-	-	-	-
1476	LIVIKVPK	-	19	2	455.32526	2R:-:35282205-35282182	-	-	-	-
1477	NILIIPYTIQR	N-Term(Acetyl), Q10(Deamidated)	50	1	1386.80071	2R:-:35104774-35104742	-	-	-	-
1478	LYLNINIEQ	Q9(Deamidated)	64	1	1120.57512	2R:-:34680385-34680359	BM584203	-	-	-
1479	IAVSQLQWIR	Q5(Deamidated), Q7(Deamidated)	57	2	608.34149	2R:-:34611369-34611340	-	-	-	-
1480	MKAFVQK	M1(Oxidation), Q6(Deamidated)	52	1	868.45508	2R:-:34575391-34575371	-	-	-	-
1481	VGINMLR	N4(Deamidated), M5(Oxidation)	60	2	410.22318	2R:-:34227130-34227110	-	-	-	-
1482	AMIACTDSVVNK	N-Term(Acetyl), C5(Carbamidomethyl), N11(Deamidated)	62	1	1351.62908	2R:-:33497673-33497638	-	-	-	-
1483	YQLLLWCNNSSMQDR	Q2(Deamidated), C7(Carbamidomethyl), N8(Deamidated), N9(Deamidated), Q13(Deamidated)	42	1	1931.80657	2R:-:32787587-32787543	-	-	-	-
1484	HTVVEDGGTK	-	57	1	1042.51201	2R:-:30401367-30401338	-	-	-	-
1485	KLTAVFPR	-	52	2	466.28989	2R:-:30185685-30185662	-	-	-	-
1486	IILITFQPK	-	40	1	1072.67558	2R:-:29882055-29882029	-	-	-	-
1487	SFRLTDNFLPSDILYNVIIEAQLR	N-Term(Acetyl)	53	1	2879.53213	2R:-:29810655-29810584	-	-	-	-
1488	RNGLLLLALGNIK	N2(Deamidated), N11(Deamidated)	50	2	698.93500	2R:-:29782730-29782692	-	-	-	-
1489	LQISQARR	Q2(Deamidated), Q5(Deamidated)	59	1	973.53484	2R:-:29480468-29480445	-	-	-	-
1490	VALHLGLR	-	40	2	439.78256	2R:-:28747814-28747791	-	-	-	-
1491	LNQVLGR	N2(Deamidated), Q3(Deamidated)	60	2	401.22739	2R:-:28648299-28648279	-	-	-	-

1492	RFLVAAK	-	52	1	804.49895	2R:-:27963344-27963324	-	-	-	-
1493	NLTDQILTLLAK	N-Term(Acetyl), N1(Deamidated), Q5(Deamidated)	46	1	1386.78667	2R:-:27114254-27114219	-	-	-	-
1494	SSSSDMPGESPPPSGPSFSPTDETLNRDEEEFLK	M6(Oxidation)	155	1	3669.60935	2R:-:26749873-26749772	ncbi_BM627626;BM627626	-	-	-
1495	LLVHIRLAR	-	29	1	1090.73371	2R:-:2623900-2623874	-	-	-	-
1496	ILINVLK	-	44	2	406.78403	2R:-:26057101-26057081	-	-	-	-
1497	RAVLLAGQPK	Q8(Deamidated)	48	1	1053.64397	2R:-:25989783-25989754	-	-	-	-
1498	VMSSKLDQVMK	M2(Oxidation), Q8(Deamidated), M10(Oxidation)	50	1	1298.63848	2R:-:25989298-25989266	-	-	-	-
1499	KSAQLGAKPANK	N11(Deamidated)	51	1	1213.68779	2R:-:25227348-25227313	-	-	-	-
1500	SDLLDISIVTAR	-	56	1	1302.72099	2R:-:24846810-24846775	-	-	-	-
1501	LQCQFLEITR	C3(Carbamidomethyl)	59	1	1307.68242	2R:-:23800612-23800583	-	-	-	-
1502	FGNDFVR	N3(Deamidated)	57	2	428.20352	2R:-:23422488-23422468	-	-	-	-
1503	IIDLLEQPK	-	53	2	534.81860	2R:-:23282582-23282556	-	-	-	-
1504	QQRLAALLR	-	45	2	534.83685	2R:-:2278292-2278266	-	-	-	-
1505	GRSLGQGVR	N-Term(Acetyl), Q6(Deamidated)	58	2	486.76654	2R:-:2223612-2223586	-	-	-	-
1506	IALLTLREVRPNDT	-	49	1	1610.90018	2R:-:21686388-21686347	-	-	-	-
1507	KSFFAFVSFALPVMLK	M14(Oxidation)	49	1	1848.02385	2R:-:21122621-21122574	-	-	-	-
1508	KPVVLTK	-	43	2	392.76779	2R:-:20665997-20665977	-	-	-	-
1509	RIINLTQTK	-	53	2	543.82928	2R:-:20479606-20479580	BM649511	-	-	-
1510	GSIGLLGRDIQK	Q11(Deamidated)	55	2	629.36090	2R:-:2047350-2047315	-	-	-	-
1511	SLAEVDILLR	-	52	1	1128.66465	2R:-:19878351-19878322	-	-	-	-
1512	IKILSGILSH	-	57	2	540.84247	2R:-:19786032-19786003	-	-	-	-
1513	EIEAEVQR	-	57	2	487.25235	2R:-:18775533-18775510	BX467988	SNAP_ANOPHELES00000017564	-	-
1514	APTIVGVNK	-	58	1	898.53760	2R:-:18614501-18614475	-	-	-	-
1515	LGTAIFK	-	48	2	375.23080	2R:-:1823981-1823961	-	-	-	-
1516	LRVSDTQLVK	Q7(Deamidated)	52	1	1159.67081	2R:-:18023909-18023880	-	-	-	-
1517	SFGDAPSAIEPEGQWVR	-	47	1	1845.88510	2R:-:17931624-17931574	-	-	-	-
1518	SGATFLHIR	-	61	2	501.28113	2R:-:17672652-17672626	-	-	-	-
1519	VTEGGLLKPFSIVTR	-	62	1	1616.93790	2R:-:17672268-17672224	-	-	-	-
1520	TGLQIQR	Q4(Deamidated), Q6(Deamidated)	55	2	409.22598	2R:-:17520582-17520562	-	-	-	-
1521	LLLFHIPR	-	41	1	1008.63921	2R:-:1721063-1721040	-	-	-	-
1522	RLTDVIK	-	53	1	844.51489	2R:-:16874687-16874667	-	-	-	-
1523	NALGGIGAGLQAAAGGALNGGLR	N19(Deamidated)	97	2	990.53711	2R:-:1655120-1655052	BM603696	SNAP_ANOPHELES00000011664	-	-
1524	AGSSFPTGFNGGVGSR	N10(Deamidated)	66	1	1498.70000	2R:-:1655051-1655004	BM603696	SNAP_ANOPHELES00000011664	-	-
1525	LSRSINNVK	N-Term(Acetyl), N6(Deamidated)	53	1	1073.59807	2R:-:16184627-16184601	-	-	-	-
1526	ISVLSQSFEPR	-	63	1	1262.67204	2R:-:15703193-15703161	-	SNAP_ANOPHELES00000015867	-	-
1527	VAFETLANR	-	69	2	510.77737	2R:-:15702781-15702755	-	SNAP_ANOPHELES00000015867	-	-
1528	IFEQLCYGLTK	C6(Carbamidomethyl)	75	1	1371.69951	2R:-:15702607-15702575	-	SNAP_ANOPHELES00000015867	-	-
1529	FVENIIEQVHQEQQER	-	70	1	2025.99863	2R:-:15702574-15702527	-	SNAP_ANOPHELES00000015867	-	-
1530	YPVAVELGR	-	60	2	502.28262	2R:-:15702499-15702473	-	SNAP_ANOPHELES00000015867	-	-
1531	LNASSQLLLAAI	N2(Deamidated), Q6(Deamidated)	52	1	1215.67351	2R:-:15613435-15613400	-	-	-	-
1532	VGTGGLSSLPQQR	Q11(Deamidated), Q12(Deamidated)	52	2	651.33923	2R:-:15446356-15446318	CX820055;ncbi_CX820055	-	-	-
1533	LQLIQQR	-	49	2	449.77719	2R:-:15278946-15278926	-	-	-	-
1534	VYYFLQNVELLK	-	59	1	1528.84953	2R:-:15053184-15053149	-	-	-	-

1535	LLNIHLTEQIR	N3(Deamidated)	49	1	1350.76482	2R:-:13071586-13071554	-	-	-	-
1536	SARAQASGGR	Q5(Deamidated)	66	1	961.47150	2R:-:12244181-12244152	-	-	-	-
1537	LPLERFCVA	C7(Carbamidomethyl)	53	2	552.80231	2R:-:12228992-12228966	-	-	-	-
1538	LTALHQR	Q6(Deamidated)	50	2	420.24017	2R:-:12133835-12133815	-	-	-	-
1539	AQLTLPSFDIIAR	-	48	1	1444.82607	2R:-:11999448-11999410	-	-	-	-
1540	INLPVLLCAFTFTK	C8(Carbamidomethyl)	49	1	1636.92789	2R:-:1197588-1197547	-	-	-	-
1541	SVYLVLK	-	42	1	821.52477	2R:-:11731945-11731925	-	-	-	-
1542	KSSLHHINILK	-	43	1	1289.78459	2R:-:11564201-11564169	-	-	-	-
1543	LIHLIGK	-	42	1	793.52947	2R:-:10778047-10778027	-	-	-	-
1544	LIWAQTLAK	-	48	1	1043.62737	2R:-:10516886-10516860	BM617364;CR530038; CR530037;BM576005; AL693184;CR526841; CR526842;BX615227	-	-	-
1545	TSVTLGIR	-	62	2	423.75583	2R:-:10135454-10135431	-	-	-	-
1546	QLGAAVLK	-	66	2	400.25528	2R:-:10120560-10120537	-	-	-	-
1547	TSYDITIPLPLPR	-	53	2	743.41870	2L:+:9950557-9950595	-	-	-	-
1548	IIPFLTHK	-	46	1	968.59026	2L:+:9600365-9600388	-	-	-	-
1549	ATIESPLR	-	57	1	886.49852	2L:+:9467637-9467660	-	-	-	-
1550	LILYGGPNLPVTEQTR	-	75	2	885.99182	2L:+:9420188-9420235	-	-	-	-
1551	VIDIGAIK	N-Term(Acetyl)	49	1	870.53149	2L:+:9366439-9366462	-	-	-	-
1552	IGYRLELINVVLIR	N9(Deamidated)	38	1	1672.02097	2L:+:8187529-8187570	-	-	-	-
1553	LDLQTLSIVRNPIESMLHR	Q4(Deamidated)	47	1	2236.23813	2L:+:8144819-8144875	-	-	-	-
1554	SDYRQDVLEGNTR	N-Term(Acetyl)	67	1	1594.76775	2L:+:7456058-7456096	-	-	-	-
1555	AAQIDEIR	Q3(Deamidated)	58	2	458.74042	2L:+:6107252-6107275	-	-	-	-
1556	SINQVIQQIR	N3(Deamidated), Q4(Deamidated), Q7(Deamidated), Q8(Deamidated)	52	1	1202.61565	2L:+:6089508-6089537	-	-	-	-
1557	NVRILQNLLQVR	N1(Deamidated), Q6(Deamidated)	56	1	1467.85442	2L:+:5842607-5842642	-	-	-	-
1558	NNDIILIDLK	-	53	2	585.84076	2L:+:5698486-5698515	-	-	-	-
1559	LSDELIAAK	-	67	2	480.27444	2L:+:5553300-5553326	-	-	-	-
1560	TAHIMPPLSVR	M5(Oxidation)	57	2	619.33435	2L:+:5529825-5529857	-	-	-	-
1561	DESALTLPLLEK	-	115	2	664.87085	2L:+:49318575-49318610	BX624526	-	-	-
1562	LPPPIQYDPTTNTTTLTK	-	52	1	2001.05290	2L:+:49317756-49317809	-	-	-	-
1563	RALNNINK	N4(Deamidated), N5(Deamidated)	55	1	944.50469	2L:+:48384217-48384240	CR530574	-	-	-
1564	SLGPSGSFLAVR	-	51	1	1190.66472	2L:+:48054649-48054684	BX012391;BX012392; CD747379;CD745785	-	-	-
1565	LLSSMDDGFIIR	M5(Oxidation)	52	1	1382.71294	2L:+:48003905-48003940	-	-	-	-
1566	SSAQLVGR	Q4(Deamidated)	64	2	409.72198	2L:+:47993074-47993097	-	-	-	-
1567	KQAEEEPTAPEHPEQVSPTD PTTEPELIE	-	84	1	3228.50534	2L:+:47492056-47492142	BX615677;BM582791; BX014717;CR532657; ncbi_CR528456;BM65 1196;BX020159;ncbi_ BM582791;CR528457; CR528456;CR531999	-	-	-
1568	EAELLQQQHGGDEIAYELAGL TIGEGGEMR	M29(Oxidation)	95	1	3230.53269	2L:+:47491273-47491362	BX609138;BX605670; BX014716;CR532658; BX766113;BX768738; BX606489;BX765225; BX767403;BM588495; BX016873;BX606186	-	-	-
1569	EAELLQQQHGGDEIAYELAGL TIGEGGEMR	-	140	1	3214.54099	2L:+:47491273-47491362	BX609138;BX605670; BX014716;CR532658; BX766113;BX768738; BX606489;BX765225; BX767403;BM588495; BX016873;BX606186	-	-	-

1570	LFEEQPEQLR	-	60	1	1288.65276	2L:+:47491207-47491236	BM649719;BX605670; BM621217;BM629457; BX768279;BX014716; BM638227;BX768738; BX606489;BM588897; BM604826;BX765225; BX767592;BM606501; BX767403;BM593816; BM586835;BM602282; BM588495;BX602437; BX606186;BM576176	-	-	-
1571	FVVGLAPGPVQSR	-	70	2	663.87982	2L:+:47491168-47491206	BM631206;BX768509; BM649719;BX609138; BX605670;BM594445; BM621217;BM629457; BX603794;BX768279; BM638227;BX768738; BX606489;BM588897; BM604826;BX765225; BX767592;BM606501; BX767403;BM593816; BM586835;BM602282; BM588495;BX602437; BX606186;BM576176	-	-	-
1572	QYIPEIAIFR	-	52	2	625.35321	2L:+:47491006-47491035	BM631206;BX768509; BM631330;BX623282; BM649719;BX609138; ncbi_AJ281069;BX051 860;BX769158;BM604 866;BM645346;BM591 896;BX605804;BM594 445;BM621217;BM629 457;BX603794;BX768 279;BX014716;BM602 334;BM638227;BX020 158;BM625457;BX603 357;AJ282697;BX7687 38;BX606489;BM5888 97;BM604826;BX7652 25;AJ281069;BM6065 01;BX767403;BM5938 16;BM586835;BX6019 80;BM602282;BM5884 95;CR531999;BX6024 37;CR532000;BX6061 86;BM576176	-	-	-

1573	DMPYEELCAVLAR	C8(Carbamidomethyl)	68	1	1566.73393	2L:+:47490967-47491005	BM631206;BX768509;BM631330;BX623282;BM649719;BX609138;ncbi_AJ281069;BX051860;BX769158;BM604866;BM645346;BM591896;BX605804;BM594445;BM621217;BM629457;BX603794;BX768279;BX014716;BM602334;BM638227;BX020158;BM625457;BX603357;BX768738;BX606489;BM588897;BM604826;BX765225;AJ281069;BM606501;BX767403;BM593816;BM586835;BX601980;BM602282;BM588495;CR531999;BX602437;CR532000;BX606186;BM576176	-	-	-
1574	DMPYEELCAVLAR	M2(Oxidation), C8(Carbamidomethyl)	64	2	791.87036	2L:+:47490967-47491005	BM631206;BX768509;BM631330;BX623282;BM649719;BX609138;ncbi_AJ281069;BX051860;BX769158;BM604866;BM645346;BM591896;BX605804;BM594445;BM621217;BM629457;BX603794;BX768279;BX014716;BM602334;BM638227;BX020158;BM625457;BX603357;BX768738;BX606489;BM588897;BM604826;BX765225;AJ281069;BM606501;BX767403;BM593816;BM586835;BX601980;BM602282;BM588495;CR531999;BX602437;CR532000;BX606186;BM576176	-	-	-

1575	VPVLISVIGK	-	56	2	512.84235	2L:+:47490889-47490918	BM631206;BX768509;BM631330;BX623282;BM649719;ncbi_AJ281069;BX051860;BX769158;BX602867;BM604866;BM645346;BX767302;BM591896;BX605804;BM594445;BM621217;BM629457;BX603794;BX014716;BM602334;BM638227;BX020158;BM625457;BX603357;AJ282697;BX767558;BX606489;BM588897;BM604826;BX765225;AJ281069;BX767592;BM606501;BX767403;BX603119;BM593816;BM586835;BX601980;BM602282;BM588495;CR531999;BX602437;CR532000;BX606186;BM576176	-	-	-
1576	ANGITGTDRVPVLISVIGK	-	94	1	1910.10898	2L:+:47490862-47490918	BM631206;BX768509;BM631330;BX623282;BX051860;BX769158;BX602867;BM604866;BM645346;BX767302;BX605804;BM594445;BM629457;BX603794;BX014716;BM638227;BX020158;BM625457;BX603357;AJ282697;BX767558;BX606489;BM588897;BM604826;BX765225;BX767592;BM606501;BX767403;BX603119;BM593816;BX601980;BM588495;BX602437;CR532000;BX606186;BM576176	-	-	-
1577	EILDEFYR	-	59	2	542.76941	2L:+:47490838-47490861	BM631206;BX768509;BM631330;BX623282;BM649719;BX051860;BX769158;BX602867;BM604866;BM645346;BX767302;BM591896;BX605804;BM594445;BM621217;BM629457;BX603794;BX014716;BM638227;BX020158;BM625457;BX603357;AJ282697;BX767558;BX606489;BM588897;BM604826;BX765225;BX767592;BM606501;BX767403;BX603119;BM593816;BM586835;BX601980;BM602282;BM588495;BX602437;CR532000;BX606186;BM576176	-	-	-

1578	VPTTPTILPEFHGETDDWNVYR	-	151	1	2587.23923	2L:+:47490772-47490837	BM631206;BM631330;BX623282;BM649719;BX051860;BX769158;BX602867;BM604866;BM645346;BX767302;BM591896;BX605804;BM594445;BM621217;BM629457;BX603794;BX014716;BM638227;BX020158;BM625457;BX603357;BX767558;BX606489;BM588897;BM604826;BX767592;BM606501;BX767403;BX603119;BM593816;BM586835;BX601980;BM602282;BM588495;BX602437;CR532000;BX766292;BX606186;BM576176	-	-	-
1579	FGENLEAILLDKFVTGLR	-	112	1	2035.13138	2L:+:47488255-47488308	BM605814;BX034692;BX611553;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;BM623789;BX015033;BX015034;BM576484;BX065578;CR531039;BM651125;AJ284516;BM578113;BX606044;BM592119;BM640957;BM617309;BM582264	-	-	-
1580	FGENLEAILLDK	-	117	2	681.37103	2L:+:47488255-47488290	BM605814;BX034692;BX611553;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;BM623789;BX015033;BX015034;BM576484;BX065578;CR531039;BM651125;AJ284516;BM578113;BX606044;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1581	QEPGESVTVWYGR	-	81	1	1507.72722	2L:+:47488189-47488227	BM605814;BX034692;BX611553;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;BM623789;BX015033;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-

1582	TVFYNARQEPGESVTVWYGR	-	66	1	2359.15793	2L:+:47488168-47488227	BM605814;BX611553;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;BM623789;BX015033;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1583	KQYSPQVAVFR	-	60	2	661.86420	2L:+:47488129-47488161	BM605814;BX611553;BM629644;ncbi_AJ284516;BX042686;BX042687;GO935191;BM623789;BX015034;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1584	TFEELCELLRK	C6(Carbamidomethyl)	65	1	1437.74602	2L:+:47488099-47488131	BM605814;CD747673;BM629644;BX043918;ncbi_AJ284516;BX042686;GO935191;BM623789;BX015033;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1585	TFEELCELLR	C6(Carbamidomethyl)	92	1	1309.64971	2L:+:47488099-47488128	BM605814;CD747673;BM629644;BX043918;ncbi_AJ284516;BX042686;GO935191;BM623789;BX015033;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1586	SRTFEELCELLR	C8(Carbamidomethyl)	66	1	1552.78349	2L:+:47488093-47488128	BM605814;CD747673;BM629644;BX043918;ncbi_AJ284516;BX042686;GO935191;BM623789;BX015033;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-

1587	DLCHPVLPK	C3(Carbamidomethyl)	56	1	1078.57329	2L:+:47488066-47488092	BM605814;CD747673;BX055712;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;GO935191;BM623789;BX015033;BX015034;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1588	TALLISVIGTDSYKTLR	-	110	1	1851.06499	2L:+:47488015-47488065	BM605814;CD747673;BX055712;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;GO935191;BM623789;BX015033;BX015034;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1589	TALLISVIGTDSYK	-	109	2	740.91931	2L:+:47488015-47488056	BM605814;CD747673;BX055712;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;GO935191;BM623789;BX015033;BX015034;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1590	RTALLISVIGTDSYK	-	54	2	818.96387	2L:+:47488012-47488056	BM605814;CD747673;BX055712;BM629644;BX043918;ncbi_AJ284516;BX042686;BX042687;GO935191;BM623789;BX015033;BX015034;BM576484;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-

1591	LEQFFEVNDIPEGKR	-	103	1	1820.92266	2L:+:47487970-47488014	BM605814;CD747673;BM629644;BX043918;ncbi_AJ284516;BX042687;GO935191;BM623789;BX015033;BX015034;BM576484;BX065578;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1592	LEQFFEVNDIPEGK	-	81	1	1664.82170	2L:+:47487970-47488011	BM605814;CD747673;BM629644;BX043918;ncbi_AJ284516;BX042687;GO935191;BM623789;BX015033;BX015034;BM576484;BX065578;CR531039;BM651125;AJ284516;BM578113;BX606044;BM634490;BM592119;BM640957;AJ285821;BM617309;BM582264;BX766913	-	-	-
1593	LEQALDIAVNK	-	55	2	607.34766	2L:+:47486272-47486304	BM625486;BX053839;BM604802;BM654618;BM600367;BX050816;BM608310;BM651363;BX604694;BM620810;BX060196;BX060195;CR525334	SNAP_ANOPHELES00000016290	-	-
1594	LCEENETLKLEQALDIAVNK	C2(Carbamidomethyl)	124	1	2330.19651	2L:+:47486245-47486304	BM625486;BM604802;BM654618;BM600367;BX050816;BM608310;BM651363;BX604694;BM620810;BX060196;BX060195;CR525334	SNAP_ANOPHELES00000016290	-	-
1595	FITGLRPGQVLDR	-	73	2	736.42188	2L:+:47486206-47486244	BM625486;BX064108;BX064109;BX053839;BM604802;BM654618;BM600367;BM609816;BX050816;BM608310;BM651363;BX604694;BM620810;BX060196;BX060195;CR525334	SNAP_ANOPHELES00000016290	-	-
1596	FGSNLEAILLDK	-	112	2	660.36511	2L:+:47486170-47486205	BM625486;BM594377;BX064108;BX053839;BM625962;BM604802;BM654618;BM600367;BM609816;BX050816;BM608310;BM651363;BX604694;BM620810;BX060196;BX060195;CR525334	SNAP_ANOPHELES00000016290	-	-

1597	THFYNATQSVGENVTQWYGR	-	121	1	2358.09307	2L:+:47486083-47486142	BM625486;BM594377; BX053839;BM625962; BM604802;BM654618; BM600367;BX603515; BM609816;BX050816; BM608310;BM651363; BX604694;BM620810; BX060196;BX060195	SNAP_ANOPHELES00000 016290	-	-
1598	ERTHFYNATQSVGENVTQWY GR	-	125	1	2643.25284	2L:+:47486077-47486142	BM625486;BM594377; BX053839;BM625962; BM604802;BM654618; BM600367;BX603515; BM609816;BX050816; BM608310;BM651363; BX604694;BM620810; BX060196;BX060195	SNAP_ANOPHELES00000 016290	-	-
1599	QFSPQVAIFR	-	65	2	596.82867	2L:+:47486047-47486076	BM625486;BM594377; BX064108;BX053839; BM625962;BM604802; BM654618;BM600367; BX603515;BM609816; BX050816;BM608310; BM651363;BX604694; BM620810	SNAP_ANOPHELES00000 016290	-	-
1600	KQFSPQVAIFR	-	72	1	1320.74285	2L:+:47486044-47486076	BM625486;BM594377; BX064108;BX053839; BM625962;BM604802; BM654618;BM600367; BX603515;BM609816; BX050816;BM608310; BM651363;BX604694; BM620810	SNAP_ANOPHELES00000 016290	-	-
1601	DRPFEELCELLRK	C8(Carbamidomethyl)	60	1	1704.87906	2L:+:47486008-47486046	BM625486;BM594377; BX064108;BX053839; BM625962;BM604802; BM654618;BM600367; BX603515;BM609816; BM608310;BM651363; BX604694;BM620810; BX060196;BX060195	SNAP_ANOPHELES00000 016290	-	-
1602	DRPFEELCELLR	C8(Carbamidomethyl)	73	1	1576.78081	2L:+:47486008-47486043	BM625486;BM594377; BX064108;BX053839; BM625962;BM604802; BM654618;BM600367; BX603515;BM609816; BM608310;BM651363; BX604694;BM620810; BX060196;BX060195	SNAP_ANOPHELES00000 016290	-	-
1603	SAFLISCIGSQAYK	C7(Carbamidomethyl)	112	1	1544.78703	2L:+:47485930-47485971	BM625486;BM594377; BM625962;BM604802; BM654618;BM600367; BX603515;BM609816; BM608310;BM651363; BX604694;BM620810; BX060196	SNAP_ANOPHELES00000 016290	-	-

1604	LEQFFEVNEIVPEKR	-	123	1	1876.98052	2L:+:47485885-47485929	BM625486;BM594377; BX064108;BX053839; BM625962;BM604802; BM654618;BM600367; BX603515;BM609816; BM608310;BM651363; BX604694;BM620810; BX060196;BX060195; BX050815	SNAP_ANOPHELES00000 016290	-	-
1605	LEQFFEVNEIVPEK	-	80	2	860.94373	2L:+:47485885-47485926	BM625486;BM594377; BX064108;BX053839; BM625962;BM604802; BM654618;BM600367; BX603515;BM609816; BM608310;BM651363; BX604694;BM620810; BX060196;BX060195; BX050815	SNAP_ANOPHELES00000 016290	-	-
1606	NAIITVR	N-Term(Acetyl)	55	2	414.75052	2L:+:47230001-47230021	-	-	-	-
1607	LLIDVPGNPEHQR	Q12(Deamidated)	50	1	1488.79374	2L:+:47056539-47056577	-	-	-	-
1608	IVILQSLIR	N-Term(Acetyl), Q5(Deamidated)	54	2	549.35040	2L:+:46571171-46571197	-	-	-	-
1609	NTILIIDR	-	57	2	479.28995	2L:+:46521271-46521294	-	-	-	-
1610	LIVLHRAIR	-	29	1	1090.73371	2L:+:46353204-46353230	-	-	-	-
1611	ASLADALQGALR	N-Term(Acetyl)	61	2	614.34021	2L:+:45884567-45884602	-	-	-	-
1612	QMLGKEANATNR	Q1(Deamidated), M2(Oxidation)	58	2	675.33313	2L:+:45717452-45717487	-	-	-	-
1613	IILGRLK	-	52	2	406.78439	2L:+:45021190-45021210	-	-	-	-
1614	VTQVFQFATDEAAASENR	-	132	1	1983.94883	2L:+:44844338-44844391	-	SNAP_ANOPHELES00000 004650	-	-
1615	DLFAATADK	-	68	1	951.48102	2L:+:44844311-44844337	-	SNAP_ANOPHELES00000 004650	-	-
1616	YKDLVQGLFGQSFDSAWQCV DK	C19(Carbamidomethyl)	150	1	2591.24283	2L:+:44843981-44844046	-	SNAP_ANOPHELES00000 004650	-	-
1617	ELVDTLMGNDEYGR	M7(Oxidation)	103	1	1627.73381	2L:+:44843924-44843965	-	SNAP_ANOPHELES00000 004650	-	-
1618	ELVDTLMGNDEYGR	M7(Oxidation), N9(Deamidated)	85	1	1628.72222	2L:+:44843924-44843965	-	SNAP_ANOPHELES00000 004650	-	-
1619	TLLSSGVSSEASK	-	68	2	633.33386	2L:+:44843576-44843614	BX622741	SNAP_ANOPHELES00000 004650	-	-
1620	ALSVTNVTSGFAGLVGTK	-	64	2	861.48132	2L:+:44843033-44843086	BX622741	SNAP_ANOPHELES00000 004649	-	-
1621	FHLIIATR	-	47	1	970.58380	2L:+:4451563-4451586	-	-	-	-
1622	LPTTKPLSEK	-	48	2	557.33459	2L:+:4431155-4431184	-	-	-	-
1623	RDASLYLLGK	-	41	1	1135.63696	2L:+:44105313-44105342	-	-	-	-
1624	NITTTVKQLLQNTAEPR	N12(Deamidated)	56	2	964.53967	2L:+:43670504-43670554	-	-	-	-
1625	NIVVANVSIANHR	N11(Deamidated)	53	2	704.39661	2L:+:43004667-43004705	-	-	-	-
1626	IAAIDNR	-	58	2	386.71912	2L:+:42843325-42843345	-	-	-	-
1627	FGDIVQVR	Q6(Deamidated)	72	2	467.75394	2L:+:42583773-42583796	-	-	-	-
1628	RTVVTPR	N-Term(Acetyl)	52	2	435.75629	2L:+:42100558-42100578	-	-	-	-
1629	LDSHIIGK	-	57	2	441.75571	2L:+:41635559-41635582	-	-	-	-
1630	QVENNIIK	Q1(Deamidated), N5(Deamidated)	54	1	959.50452	2L:+:41408793-41408816	-	-	-	-
1631	MNLNLKVS	M1(Oxidation), N4(Deamidated)	54	1	935.49695	2L:+:41401941-41401964	-	-	-	-
1632	KIEAIHVQLTASDSVYK	N-Term(Acetyl)	47	1	1944.02689	2L:+:4104002-4104052	-	-	-	-
1633	TIKHTHTNSQINK	N-Term(Acetyl), N8(Deamidated), Q10(Deamidated), N12(Deamidated)	48	1	1566.76409	2L:+:41024176-41024214	-	-	-	-
1634	NILILQFNRK	Q6(Deamidated)	47	1	1259.73357	2L:+:4091940-4091969	-	-	-	-
1635	IVQKRPVPDPVLLR	N-Term(Acetyl)	37	1	1672.01987	2L:+:40742355-40742396	-	-	-	-

1636	SVAVAQRQQLQQLR	Q6(Deamidated), Q8(Deamidated)	54	1	1626.88909	2L:+:38674519-38674560	-	-	-	-
1637	LVNHFAIFITSVR	-	48	1	1516.84292	2L:+:38567160-38567198	-	-	-	-
1638	KQDILIK	Q2(Deamidated)	54	2	429.77411	2L:+:38496645-38496665	-	-	-	-
1639	HIIDFDFQK	Q8(Deamidated)	53	1	1163.57109	2L:+:38457835-38457861	-	-	-	-
1640	LSSSSGTISVPK	-	62	2	581.81360	2L:+:38399087-38399122	-	-	-	-
1641	FKLCATNVLQFYTVQLSFS	C4(Carbamidomethyl), N7(Deamidated), Q10(Deamidated)	48	1	2268.14311	2L:+:38133330-38133386	-	-	-	-
1642	LHVNFISK	N4(Deamidated)	50	1	958.53551	2L:+:37975059-37975082	-	-	-	-
1643	IILQSIK	-	55	2	407.77301	2L:+:37970235-37970255	-	-	-	-
1644	VALLELLK	-	42	1	898.59715	2L:+:37465268-37465291	-	-	-	-
1645	IETINRIIK	N5(Deamidated)	50	2	550.83264	2L:+:37200832-37200858	-	-	-	-
1646	TLRPPGSIKANYL	-	52	1	1429.80190	2L:+:36888843-36888881	-	-	-	-
1647	VLSELKEEVTR	-	77	1	1302.72820	2L:+:36769387-36769419	-	SNAP_ANOPHELES00000012136	-	-
1648	QQLQKGIK	Q4(Deamidated)	50	1	943.55797	2L:+:36304457-36304480	-	-	-	-
1649	QGNVELNPTYK	N-Term(Acetyl), Q1(Deamidated), N3(Deamidated)	50	1	1306.62273	2L:+:35888121-35888153	-	-	-	-
1650	NLLNLQLK	N1(Deamidated), N4(Deamidated), Q6(Deamidated)	53	2	479.77713	2L:+:35288553-35288576	-	-	-	-
1651	VSIEINK	-	53	1	802.46582	2L:+:35286553-35286573	-	-	-	-
1652	RAVLIAPGEK	-	48	1	1053.64397	2L:+:35130751-35130780	-	-	-	-
1653	QLPHSSVGVRCNQCR	N-Term(Acetyl), C11(Carbamidomethyl), N12(Deamidated), Q13(Deamidated), C14(Carbamidomethyl)	52	1	1841.86063	2L:+:34062789-34062833	-	-	-	-
1654	QSHTMMDEIIDR	M5(Oxidation), M6(Oxidation)	83	1	1507.65543	2L:+:33092507-33092542	BX628101	SNAP_ANOPHELES00000024548	-	-
1655	YNTPTCATDDMLRAMR	C6(Carbamidomethyl), M11(Oxidation), M15(Oxidation)	42	1	1947.84720	2L:+:32342249-32342296	-	-	-	-
1656	ALNVNLLLTK	N3(Deamidated)	47	1	1099.68218	2L:+:32336880-32336909	-	-	-	-
1657	ALNVNLLLTK	N5(Deamidated)	47	1	1099.68218	2L:+:32336880-32336909	-	-	-	-
1658	AINKLIDK	N-Term(Acetyl)	48	1	956.59123	2L:+:32296970-32296993	-	-	-	-
1659	VVIDHPSQILR	-	51	1	1276.73296	2L:+:32065158-32065190	-	-	-	-
1660	WTAINLLLSDR	N5(Deamidated)	49	1	1302.70757	2L:+:3203889-3203921	-	-	-	-
1661	TFCAATYEGR	C3(Carbamidomethyl)	55	1	1175.51995	2L:+:32001114-32001143	-	-	-	-
1662	LSNEFQQFQQVVESK	-	89	1	1810.90007	2L:+:31524634-31524678	-	SNAP_ANOPHELES00000019623	-	-
1663	LQMSYRTVLNK	M3(Oxidation), N10(Deamidated)	56	1	1369.71831	2L:+:31419520-31419552	-	-	-	-
1664	LRNPNAETLYWTGLVAR	-	68	1	1974.05600	2L:+:31062020-31062070	-	SNAP_ANOPHELES00000013881	-	-
1665	QSPSASAAAPGR	-	50	1	1099.53874	2L:+:30734903-30734938	-	-	-	-
1666	AGSSIENELDGVSSSSAVR	N-Term(Acetyl)	52	1	1906.91460	2L:+:30422421-30422477	-	-	-	-
1667	VSLELQIR	Q6(Deamidated)	58	2	479.78159	2L:+:3000450-3000473	BM640228;BM579008;BX620383;ncbi_BM578676;BM578676;BX766004;BM592595	-	-	-
1668	LAGNELINIVK	N-Term(Acetyl), N8(Deamidated)	59	1	1226.68518	2L:+:29907256-29907288	CR531375	-	-	-
1669	VAVGKLCDR	C7(Carbamidomethyl)	53	1	1017.55156	2L:+:2952695-2952721	-	-	-	-
1670	IINQDLTR	N3(Deamidated), Q4(Deamidated)	54	2	487.76184	2L:+:29429539-29429562	-	-	-	-
1671	LILSMFSLR	M5(Oxidation)	49	1	1095.63481	2L:+:29278292-29278318	-	-	-	-
1672	NLTNVAIVR	N4(Deamidated)	54	2	500.79343	2L:+:29106063-29106089	-	-	-	-
1673	LIKLFHAK	-	54	1	969.61058	2L:+:28948544-28948567	-	-	-	-
1674	IDGLDHLR	-	52	1	938.50603	2L:+:28887765-28887788	-	-	-	-

1675	ILISTLIR	-	64	2	464.81302	2L:+:28763965-28763988	-	-	-	-
1676	TNPYSSLLVATGSAISFLAVNR	-	57	1	2281.22806	2L:+:28431095-28431160	-	-	-	-
1677	HLASVPQTLK	Q7(Deamidated)	53	1	1094.63030	2L:+:28363988-28364017	-	-	-	-
1678	TALIFLK	-	35	2	403.26373	2L:+:28356432-28356452	-	-	-	-
1679	QFNSNIAPVEMK	N3(Deamidated)	59	1	1378.66765	2L:+:27817019-27817054	-	-	-	-
1680	GALHCVR	C5(Carbamidomethyl)	51	1	812.41954	2L:+:27604673-27604693	-	-	-	-
1681	SEIKQNIYSNIIPLAR	N6(Deamidated), N10(Deamidated)	58	1	1861.03214	2L:+:27547768-27547815	-	-	-	-
1682	HPDITYLR	-	57	2	507.76660	2L:+:27388698-27388721	-	-	-	-
1683	IGVVPVLR	-	48	2	426.78723	2L:+:27383988-27384011	-	-	-	-
1684	NSIANISDLHSHYVIAPSPTGR	-	131	1	2349.19809	2L:+:26803402-26803467	-	SNAP_ANOPHELES00000024285	-	-
1685	KIEEIFNQNQK	-	72	2	695.86841	2L:+:26803123-26803155	-	SNAP_ANOPHELES00000024285	-	-
1686	NSFVLFSVCMFNEVR	N1(Deamidated), C9(Carbamidomethyl), N12(Deamidated)	53	1	1850.85514	2L:+:26785886-26785930	-	-	-	-
1687	LQQEQSLKR	Q2(Deamidated), Q3(Deamidated)	56	2	566.29810	2L:+:26165903-26165929	-	-	-	-
1688	SSILPAMILR	-	53	2	550.82373	2L:+:25804345-25804374	-	-	-	-
1689	TTFIVIK	-	42	1	821.52477	2L:+:25244182-25244202	-	-	-	-
1690	ILGIIGNTK	N7(Deamidated)	54	2	465.28726	2L:+:25224608-25224634	-	-	-	-
1691	LFAGEIDSSW	-	52	1	1124.52068	2L:+:24357117-24357146	-	-	-	-
1692	WSIKMHQK	M5(Oxidation), Q7(Deamidated)	53	1	1074.54741	2L:+:24285902-24285925	-	-	-	-
1693	KVNENIITLVLGAAWIGQR	Q18(Deamidated)	49	1	2096.19878	2L:+:24151175-24151231	-	-	-	-
1694	NETLAHR	N1(Deamidated)	52	2	421.21155	2L:+:23157788-23157808	-	-	-	-
1695	SVNPPLPSAK	N3(Deamidated)	53	1	1010.55034	2L:+:22964393-22964422	-	-	-	-
1696	GNSVPIVLK	N2(Deamidated)	45	2	464.27756	2L:+:22696452-22696478	-	-	-	-
1697	IAVDAVLR	-	66	1	856.52623	2L:+:21173135-21173158	-	-	-	-
1698	ATAILVKR	N-Term(Acetyl)	42	1	913.58238	2L:+:20996052-20996075	-	-	-	-
1699	VSLELLNR	-	58	2	472.28308	2L:+:2054100-2054123	-	-	-	-
1700	VSLELLNR	N7(Deamidated)	55	1	944.54015	2L:+:2054100-2054123	-	-	-	-
1701	SDIHQLR	Q5(Deamidated)	54	2	435.22610	2L:+:2049052-2049072	-	-	-	-
1702	EIIILVFFYK	-	39	1	1284.77934	2L:+:20486331-20486360	-	-	-	-
1703	AIVCDLTAN	C4(Carbamidomethyl)	54	1	976.48320	2L:+:20157948-20157974	-	-	-	-
1704	DDVAQYEDVIAPAPPLGPKPPLHSGDVANR	-	81	1	3138.58078	2L:+:20061779-20061868	-	SNAP_ANOPHELES00000019295	-	-
1705	TLSSRSLDTLVR	N-Term(Acetyl)	50	2	695.39758	2L:+:19134841-19134876	-	-	-	-
1706	RIFGPLLLK	-	35	1	1056.69499	2L:+:18929933-18929959	-	-	-	-
1707	LLLAPKPMAPK	-	40	1	1178.72733	2L:+:18877084-18877116	-	-	-	-
1708	MNIQNDIISTFMSNK	N2(Deamidated), M12(Oxidation)	48	1	1772.84587	2L:+:18862202-18862246	-	-	-	-
1709	VLVIKSGLEGR	-	51	1	1170.71233	2L:+:17923713-17923745	-	-	-	-
1710	FVRCILIQIK	C4(Carbamidomethyl)	46	1	1289.78308	2L:+:17805707-17805736	-	-	-	-
1711	VAIITIIR	-	42	1	898.59715	2L:+:17260383-17260406	-	-	-	-
1712	LSIIKPYR	-	54	1	989.61998	2L:+:17133119-17133142	-	-	-	-
1713	HLNFIVISIIGK	N-Term(Acetyl)	48	1	1395.82104	2L:+:16995889-16995924	-	-	-	-
1714	GDWLLHQQEKR	N-Term(Acetyl), Q7(Deamidated), Q8(Deamidated)	53	1	1453.68840	2L:+:16413248-16413280	-	-	-	-
1715	RPGKPVK	-	47	1	781.49341	2L:+:15822328-15822348	-	-	-	-
1716	LILFTFVR	-	41	1	1008.63500	2L:+:15784624-15784647	-	-	-	-
1717	LNLTVANVR	N2(Deamidated), N7(Deamidated)	57	2	501.28351	2L:+:14774336-14774362	-	-	-	-
1718	QGLVLLGK	Q1(Deamidated)	42	1	828.51794	2L:+:14753205-14753228	-	-	-	-
1719	NNIRVLQNLIK	N1(Deamidated)	50	1	1325.79766	2L:+:14660485-14660517	-	-	-	-
1720	NNIRVLQNLIK	N2(Deamidated)	50	1	1325.79766	2L:+:14660485-14660517	-	-	-	-

1721	QLTGISQLNLQR	N9(Deamidated), Q11(Deamidated)	54	2	686.87366	2L:+:14525528-14525563	-	-	-	-
1722	AQILLLVR	-	56	2	463.31503	2L:+:14480306-14480329	-	-	-	-
1723	IIRIITDNLTVR	N8(Deamidated)	38	1	1427.86357	2L:+:14374535-14374570	-	-	-	-
1724	TIVNSLSLSTK	N4(Deamidated)	51	1	1163.65984	2L:+:14315308-14315340	-	-	-	-
1725	HTMNALEGAEKR	N4(Deamidated)	59	2	679.32104	2L:+:13607505-13607540	-	-	-	-
1726	ILQQLLK	Q3(Deamidated)	47	1	856.55107	2L:+:13245076-13245096	BX056708	-	-	-
1727	AASILLLISLID	N-Term(Acetyl)	51	1	1283.77934	2L:+:12661504-12661539	-	-	-	-
1728	TIANKALIR	N4(Deamidated)	52	1	1000.61583	2L:+:12539402-12539428	CR532038	-	-	-
1729	TLKQILQTDER	Q4(Deamidated), Q7(Deamidated)	50	1	1346.69629	2L:+:12402684-12402716	-	-	-	-
1730	EGFQVNAQLSALR	Q4(Deamidated)	60	2	717.37317	2L:+:12248740-12248778	-	-	-	-
1731	IGLQLDQLDFGK	N-Term(Acetyl), Q4(Deamidated), Q7(Deamidated)	50	1	1390.72441	2L:+:12104025-12104060	-	-	-	-
1732	SLEVSQEK	Q6(Deamidated)	60	1	920.45763	2L:+:11688889-11688912	-	-	-	-
1733	TMLINILYAFR	N5(Deamidated)	55	1	1355.73540	2L:+:11114213-11114245	-	-	-	-
1734	EKLFNLLHTTR	N-Term(Acetyl), N5(Deamidated)	47	1	1414.75517	2L:+:11004171-11004203	-	-	-	-
1735	TSGIEVFK	-	54	2	440.74258	2L:+:10982625-10982648	-	-	-	-
1736	IASLSELLLR	-	62	2	557.84467	2L:+:10651150-10651179	-	-	-	-
1737	PMSVINIK	N6(Deamidated)	53	1	902.50146	2L:+:10142226-10142249	-	-	-	-
1738	KLYISPTQTK	Q8(Deamidated)	51	1	1179.67363	2L:+:10077940-10077969	-	-	-	-
1739	RLVHNSMLSMK	M7(Oxidation), M10(Oxidation)	49	1	1347.67436	2L:-:9835308-9835276	-	-	-	-
1740	VLIHIIK	-	31	1	835.57781	2L:-:9560513-9560493	-	-	-	-
1741	IFEILDNSDGFLLSR	-	48	1	1738.88687	2L:-:9264500-9264456	-	-	-	-
1742	FAIDVPQVLGR	-	58	2	607.84998	2L:-:9238760-9238728	-	SNAP_ANOPHELES00000013964	-	-
1743	SVIDVTSR	N-Term(Acetyl)	53	1	918.49115	2L:-:8863610-8863587	-	-	-	-
1744	LNAILILK	-	57	2	449.31000	2L:-:8651379-8651356	-	-	-	-
1745	NYLPSRMHIPLQQSLEDEK	Q13(Deamidated)	46	1	2299.17221	2L:-:8620966-8620910	-	-	-	-
1746	NYLPSRMHIPLQQSLEDEK	Q12(Deamidated)	46	1	2299.17221	2L:-:8620966-8620910	-	-	-	-
1747	IICNMSVILNATIQK	N-Term(Acetyl), C3(Carbamidomethyl), N4(Deamidated), N10(Deamidated)	47	2	881.45642	2L:-:8170399-8170355	-	-	-	-
1748	IICNMSVILNATIQK	N-Term(Acetyl), C3(Carbamidomethyl), N4(Deamidated), Q14(Deamidated)	47	2	881.45642	2L:-:8170399-8170355	-	-	-	-
1749	LVISITPLFR	-	40	1	1158.72954	2L:-:8080198-8080169	-	-	-	-
1750	ISVNIVINGR	N-Term(Acetyl), N4(Deamidated), N8(Deamidated)	56	2	564.81653	2L:-:7963652-7963623	-	-	-	-
1751	LGLSSLMLTVNK	N-Term(Acetyl), N11(Deamidated)	51	1	1318.73808	2L:-:7623972-7623937	-	-	-	-
1752	FLVTNIVR	N5(Deamidated)	52	2	481.78735	2L:-:7598886-7598863	-	-	-	-
1753	LLLLNIKR	N5(Deamidated)	49	2	492.33502	2L:-:6870090-6870067	-	-	-	-
1754	MNLKNITAQLAR	N5(Deamidated)	54	2	687.37628	2L:-:6540177-6540142	-	-	-	-
1755	MALPQAKEIDEQR	N-Term(Acetyl), Q5(Deamidated), Q12(Deamidated)	59	1	1572.77835	2L:-:48875396-48875358	-	-	-	-
1756	LSNAQNVIK	N3(Deamidated), Q5(Deamidated)	66	2	494.76978	2L:-:48267032-48267006	-	-	-	-
1757	LSNAQNVIK	N3(Deamidated), N6(Deamidated)	66	2	494.76978	2L:-:48267032-48267006	-	-	-	-
1758	IAGENALK	-	48	2	408.23398	2L:-:4816076-4816053	-	-	-	-
1759	TINNNLLFPK	N3(Deamidated), N5(Deamidated)	59	1	1175.63408	2L:-:47809154-47809125	-	-	-	-
1760	AATELLQATAADAVAAASVR	-	75	2	950.51331	2L:-:47496291-47496232	-	SNAP_ANOPHELES00000016294	-	-

1761	LMTTEEQYQQHQQVIHTK	M2(Oxidation)	79	1	2258.08609	2L:-:46753164-46753111	-	SNAP_ANOPHELES00000006129	-	-
1762	SGSAGGAVTEWK	-	75	2	575.28003	2L:-:46753059-46753024	BM611215	SNAP_ANOPHELES00000006129	-	-
1763	LLNLDILPR	-	67	1	1066.66130	2L:-:45437201-45437175	-	-	-	-
1764	LNNNILISR	N3(Deamidated)	54	2	529.30664	2L:-:45390726-45390700	-	-	-	-
1765	LNNNILISR	N2(Deamidated)	54	2	529.30664	2L:-:45390726-45390700	-	-	-	-
1766	TPNLALLFAK	N3(Deamidated)	51	2	544.82068	2L:-:45114494-45114465	-	-	-	-
1767	SLFSTFLLLSDLSSVK	-	55	1	1756.97202	2L:-:4504628-4504581	-	-	-	-
1768	DSNLLGVLTK	-	53	1	1059.58977	2L:-:44601795-44601766	-	-	-	-
1769	GIHLVLK	N-Term(Acetyl)	42	1	821.52477	2L:-:44499269-44499249	-	-	-	-
1770	LLKNTLAIYTLLDALPPVFLIK	N4(Deamidated)	28	1	2470.51682	2L:-:43581604-43581539	-	-	-	-
1771	LDLTLMNLSIR	-	51	1	1288.72807	2L:-:43516933-43516901	-	-	-	-
1772	TILSAVR	-	51	2	380.24033	2L:-:43228529-43228509	BX613310;BX468600	-	-	-
1773	SLQQAEVR	N-Term(Acetyl), Q3(Deamidated), Q4(Deamidated)	41	1	974.47809	2L:-:42647054-42647031	-	-	-	-
1774	TPSVRLVSK	-	47	1	986.60045	2L:-:41556493-41556467	-	-	-	-
1775	AGVLNPR	N5(Deamidated)	56	2	364.20859	2L:-:41251368-41251348	BX028347	-	-	-
1776	RSVMPHASTILLHDHFPSTR	M4(Oxidation)	56	1	2318.17217	2L:-:41132549-41132490	-	-	-	-
1777	TILDLDQSR	-	67	1	1060.56328	2L:-:40617385-40617359	-	-	-	-
1778	ILNLLLQVLI	N3(Deamidated), Q7(Deamidated)	41	1	1153.74370	2L:-:40612713-40612684	-	-	-	-
1779	VAVVPVLR	-	48	2	426.78723	2L:-:40537041-40537018	BX767624;BX621255;BX069306;BX036881;BX766326;ncbi_BX621255;BX045451;BX765332;BX051774;BX011312;CR533956;BX041548;BX040133;BX607601;BX607375;AJ282005;BX028703;BM601135;BX034936;BX066079;BX606208;BX011601	-	-	-
1780	SAAGALIIR	-	66	2	436.27228	2L:-:39236471-39236445	-	-	-	-
1781	KLTTPLK	-	47	2	400.76639	2L:-:39170377-39170357	-	-	-	-
1782	LVQNIVTLQR	Q9(Deamidated)	58	1	1184.69867	2L:-:38160951-38160922	-	-	-	-
1783	FLPTEEGPTADDAESEIVEK	-	142	1	2177.01470	2L:-:38117490-38117431	-	SNAP_ANOPHELES00000013069	-	-
1784	FLPTEEGPTADDAESEIVEKQEQEK	-	75	1	2819.31607	2L:-:38117490-38117416	-	SNAP_ANOPHELES00000013069	-	-
1785	ASTFESLTYLIEK	-	61	1	1501.78020	2L:-:37760837-37760799	-	SNAP_ANOPHELES00000000340	-	-
1786	LTDLFFVR	-	57	2	505.78702	2L:-:37755570-37755547	-	SNAP_ANOPHELES00000000340	-	-
1787	IAAGENEAR	N6(Deamidated)	52	2	466.22705	2L:-:36991127-36991101	-	-	-	-
1788	GLPILLK	-	29	1	753.52295	2L:-:36955538-36955518	-	-	-	-
1789	IGQIFLR	-	52	1	846.51933	2L:-:36698679-36698659	BM637114	-	-	-
1790	IRGGVPVAPGEIPYAAGLMIQQPIGNR	M19(Oxidation)	126	1	2790.52219	2L:-:36649136-36649056	-	-	-	-
1791	GGVPVAPGEIPYAAGLMIQQPIGNR	M17(Oxidation)	107	1	2521.34014	2L:-:36649130-36649056	-	-	-	-
1792	LNGSQLINR	Q5(Deamidated), N8(Deamidated)	54	1	1016.52562	2L:-:36478815-36478789	-	-	-	-
1793	LGLLNVAK	-	43	1	827.53478	2L:-:3584069-3584046	-	-	-	-
1794	CALASRLSQQR	C1(Carbamidomethyl), Q9(Deamidated)	48	2	645.82581	2L:-:35198817-35198785	-	-	-	-
1795	ASSLISAQLRVWSK	-	45	2	773.44269	2L:-:34799251-34799210	-	-	-	-
1796	ATYPHILGGEK	-	52	1	1185.62847	2L:-:34458047-34458015	-	-	-	-
1797	IQSISCPGRDLK	C6(Carbamidomethyl)	50	1	1373.72991	2L:-:33370958-33370923	-	-	-	-
1798	KLQELPK	Q3(Deamidated)	51	1	856.51378	2L:-:33288362-33288342	-	-	-	-

1799	LNESANHGSMLHDKNGNPVK	M10(Oxidation), N15(Deamidated)	55	1	2179.03104	2L:-:3285644-3285585	BM619721;BM601329; BX603689;BM627003; BM586305;BX605865; AL696568;BM614783; BX768479;BM618240; BX768772	SNAP_ANOPHELES00000005365	-	-
1800	KVQIINIENVNAF	Q3(Deamidated), N9(Deamidated), N11(Deamidated)	54	1	1504.78870	2L:-:3283936-3283898	-	-	-	-
1801	KICPSAASITSYMLFCR	C3(Carbamidomethyl), C16(Carbamidomethyl)	46	1	2004.96367	2L:-:32704644-32704594	-	-	-	-
1802	WWYQSHQLLQNDGALGK	N-Term(Acetyl), Q4(Deamidated), N11(Deamidated)	53	1	2087.99932	2L:-:32170895-32170845	-	-	-	-
1803	TQAGGVIR	Q2(Deamidated)	53	2	401.72437	2L:-:31823389-31823366	-	-	-	-
1804	ILPILNR	N6(Deamidated)	43	1	839.53740	2L:-:3135564-3135544	-	-	-	-
1805	HFYFLSVPSLSR	-	59	2	726.88531	2L:-:30793388-30793353	-	-	-	-
1806	SSSTSSSIPSVQQLPGVSEFTNALR	Q12(Deamidated)	59	1	2580.25522	2L:-:30563889-30563815	-	-	-	-
1807	KIIIEITVK	-	41	1	1056.71501	2L:-:30515382-30515356	CR532326;BM635777; BX628725;BX620674; BX608995;ncbi_BM635777;BM577999	-	-	-
1808	AVSASTATGTK	-	59	2	497.26517	2L:-:30513642-30513610	-	-	-	-
1809	SILISIK	-	51	2	387.26166	2L:-:30155716-30155696	BX070138	-	-	-
1810	LPIALVK	-	44	2	377.26535	2L:-:29833974-29833954	BM656482;CR535713	-	-	-
1811	IVQIEGGVGWK	Q3(Deamidated)	64	1	1186.63103	2L:-:29755693-29755661	-	-	-	-
1812	FMILVDLLLSF	M2(Oxidation)	51	1	1326.74468	2L:-:2956727-2956695	-	-	-	-
1813	GISMRQQGMEAAAAAYIHETPN	Q7(Deamidated), M9(Oxidation), N22(Deamidated)	45	1	2364.06841	2L:-:29434747-29434682	-	-	-	-
1814	GISMRQQGMEAAAAAYIHETPN	M4(Oxidation), Q7(Deamidated), N22(Deamidated)	45	1	2364.06841	2L:-:29434747-29434682	-	-	-	-
1815	GISMRQQGMEAAAAAYIHETPN	Q6(Deamidated), M9(Oxidation), N22(Deamidated)	45	1	2364.06841	2L:-:29434747-29434682	-	-	-	-
1816	GISMRQQGMEAAAAAYIHETPN	M4(Oxidation), Q6(Deamidated), N22(Deamidated)	45	1	2364.06841	2L:-:29434747-29434682	-	-	-	-
1817	SGSAGEGAMNAMPR	N-Term(Acetyl), M12(Oxidation)	50	2	697.30157	2L:-:29389736-29389695	-	-	-	-
1818	LPEATIQLER	-	52	1	1169.64385	2L:-:29279759-29279730	-	-	-	-
1819	IALIIQYLTYKR	-	39	1	1494.90447	2L:-:28518748-28518713	-	-	-	-
1820	EREALVAR	-	50	1	943.53148	2L:-:27771012-27770989	-	-	-	-
1821	QTQAKNLNIR	Q3(Deamidated), N6(Deamidated), N8(Deamidated)	62	2	594.82202	2L:-:27009653-27009624	-	-	-	-
1822	INNLNAIDK	N3(Deamidated), N5(Deamidated)	47	1	1016.52289	2L:-:26838365-26838339	-	-	-	-
1823	NYKFNYSLTFTDFGR	-	47	1	1872.90239	2L:-:26368081-26368037	-	-	-	-
1824	QTTPIADLIRK	Q1(Deamidated)	42	2	628.86566	2L:-:25168262-25168230	-	-	-	-
1825	LGNNPHSGASLNVADVSIHILQ	N-Term(Acetyl), N12(Deamidated)	50	1	2299.18302	2L:-:24636401-24636336	-	-	-	-
1826	ELKSFSVPR	-	53	2	531.79999	2L:-:24006185-24006159	-	-	-	-
1827	LVSSNVNGSP	N5(Deamidated)	51	2	487.74265	2L:-:23999588-23999559	-	-	-	-
1828	FPASNKVCTH	C8(Carbamidomethyl)	52	1	1160.54224	2L:-:23914128-23914099	-	-	-	-
1829	VGTFLGGLR	-	64	2	460.27133	2L:-:23644844-23644818	-	SNAP_ANOPHELES00000004145	-	-
1830	IFISMVIR	-	54	1	978.57536	2L:-:23184296-23184273	-	-	-	-
1831	SSFFLGNATSN	N7(Deamidated), N11(Deamidated)	51	2	573.75812	2L:-:23050617-23050585	-	-	-	-

1832	RNKPINHLCMAAR	N2(Deamidated), C9(Carbamidomethyl)	48	1	1581.80765	2L:-:22875813-22875775	-	-	-	-
1833	NGGVLIADAK	N1(Deamidated)	59	1	958.52222	2L:-:22389020-22388991	BX467617	-	-	-
1834	NEQILKLNR	N1(Deamidated), Q3(Deamidated), N8(Deamidated)	52	1	1130.61528	2L:-:22380749-22380723	-	-	-	-
1835	KDEIVQILTLK	N-Term(Acetyl), Q6(Deamidated)	46	2	671.90094	2L:-:22264690-22264658	-	-	-	-
1836	NVGQQLGQR	Q4(Deamidated), Q5(Deamidated), Q8(Deamidated)	64	2	501.74036	2L:-:21292619-21292593	-	-	-	-
1837	ISVNIAK	N-Term(Acetyl), N4(Deamidated)	54	1	787.45764	2L:-:21275951-21275931	-	-	-	-
1838	QNQPQEEEK	Q1(Deamidated), N2(Deamidated), Q5(Deamidated)	43	2	566.73645	2L:-:21236798-21236772	-	-	-	-
1839	SNTILFITSQ	N-Term(Acetyl)	52	1	1165.61406	2L:-:20773546-20773517	-	-	-	-
1840	NIELQISNK	Q5(Deamidated), N8(Deamidated)	56	2	530.78479	2L:-:20149377-20149351	-	-	-	-
1841	ILLQQKPGPGK	-	40	1	1178.72550	2L:-:20115777-20115745	-	-	-	-
1842	ILLQQKPGPGK	Q5(Deamidated)	40	1	1179.70978	2L:-:20115777-20115745	-	-	-	-
1843	LDKLPLK	-	51	2	413.77417	2L:-:19516040-19516020	-	-	-	-
1844	IIIILRSR	-	42	1	983.66277	2L:-:19107186-19107163	-	-	-	-
1845	ADKNEIR	N-Term(Acetyl), N4(Deamidated)	56	1	888.44371	2L:-:19003489-19003469	-	-	-	-
1846	SGSYVSYR	-	54	2	459.71930	2L:-:18931184-18931161	-	-	-	-
1847	IIILELSIR	-	59	2	535.35242	2L:-:18903518-18903492	-	-	-	-
1848	NYAQNLFSR	N1(Deamidated)	52	1	1113.54314	2L:-:18882607-18882581	-	-	-	-
1849	LENCSILFKLQTR	N3(Deamidated), C4(Carbamidomethyl), Q11(Deamidated)	47	2	812.42535	2L:-:17816439-17816401	-	-	-	-
1850	RVLGAIYNDK	-	78	1	1148.63078	2L:-:17689671-17689642	-	-	-	-
1851	ISILPYRK	-	42	1	989.61388	2L:-:17249009-17248986	-	-	-	-
1852	TSILKGL	-	45	2	366.23740	2L:-:1704133-1704113	-	-	-	-
1853	LLLPATLGR	-	41	2	477.30536	2L:-:16467754-16467728	BM646613	-	-	-
1854	NLSLLEAK	N1(Deamidated)	58	2	444.75565	2L:-:16372757-16372734	-	-	-	-

1855	EASDHTNHYDPSGHSR	-	70	1	1809.76189	2L:-:16368816-16368769	CR535120;BM585500; BX620183;BM609780; BX468631;BX606017; BX766591;BX619563; BX766726;BX767162; BM613961;BM657826; BX767719;BX765616; CR527933;BM647087; BX629038;BM621439; BM581641;BM627064; BM612667;BM605783; BM642198;BM629714; BM630733;BM598059; BX612833;BX625999; BX615857;BX609382; BM618460;BM637012; BX612892;BM655521; BX468222;BX602499; BM638251;BX767069; BX768896;AL693221; BM656573;BM634770; BX605110;BX605118; CR531540;BM575987; BX615124;BM648453; BX604054;BM596329; AJ284188;BX613449; BX602185;BM587243; BM575312;BX767802; BM623122;BX609738; BX624563;BM635142; BX607493;BX767221; BX767226;CR532641;	SNAP_ANOPHELES00000010279	-	-
1856	AQLMANEYHLK	M4(Oxidation)	83	1	1333.65642	2L:-:15158940-15158908	BX627289	SNAP_ANOPHELES00000022181	-	-
1857	IIDKGLLALEETIR	-	61	1	1583.94255	2L:-:15158814-15158773	BX627289	SNAP_ANOPHELES00000022181	-	-
1858	GLLALEETIR	-	73	1	1114.64763	2L:-:15158802-15158773	BX627289	SNAP_ANOPHELES00000022181	-	-
1859	IGILTLLR	-	42	2	449.80884	2L:-:15120652-15120629	-	-	-	-
1860	LAISLSHR	-	54	1	896.53087	2L:-:13810779-13810756	BX010677;BX608712; BM598210;BX618651	-	-	-
1861	MENILYKR	M1(Oxidation)	63	2	541.78510	2L:-:13791545-13791522	-	-	-	-
1862	QKLLNTLINHT	Q1(Deamidated), N5(Deamidated)	52	1	1296.71770	2L:-:13025055-13025023	-	-	-	-
1863	LFSRLTLTAK	-	48	2	575.35303	2L:-:12914893-12914864	-	-	-	-
1864	LQDFLQR	Q2(Deamidated), Q6(Deamidated)	55	1	921.46977	2L:-:12852817-12852797	-	-	-	-
1865	ILLSTIIR	-	64	2	464.81302	2L:-:12662781-12662758	-	-	-	-
1866	NGGVTVAK	N1(Deamidated)	51	2	373.70563	2L:-:12043390-12043367	-	-	-	-
1867	AILIGNGKTK	N-Term(Acetyl), N6(Deamidated)	50	2	529.31647	2L:-:11974821-11974792	-	-	-	-
1868	RNANIIVLLITVK	N2(Deamidated)	42	2	734.46442	2L:-:11819219-11819181	-	-	-	-
1869	RNANIIVLLITVK	N4(Deamidated)	42	2	734.46442	2L:-:11819219-11819181	-	-	-	-
1870	INQLLGAR	Q3(Deamidated)	65	2	443.26257	2L:-:11747603-11747580	-	-	-	-
1871	IILFFVTR	-	41	1	1008.63707	2L:-:11581871-11581848	-	-	-	-
1872	NLLTNMQIGLGGK	N1(Deamidated), M6(Oxidation)	53	2	688.36060	2L:-:11268785-11268747	-	-	-	-
1873	NMLFAIK	N-Term(Acetyl), N1(Deamidated)	62	2	440.23599	2L:-:10979043-10979023	-	-	-	-

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 3B. Genome search specific peptides mapping intronic region of the VectorBase genes.

	Peptide	modification	Mascot ion score	charge	m/z	Genome co-ordinate	Description	Peptide mapping to EST (EST)	Peptide overlapping with SNAP prediction model	Peptide also found in *Culex quinquefasciatus* protein ortholog	Peptide also found in *Aedes aegipty* protein ortholog
1	LMIDEAGR	M2(Oxidation)	54	1	920.45043	2L:-:11168973-11168950	Intron of transcript AGAP005165-RA	-		- -	-
2	GIILSVR	-	53	2	379.25000	2L:-:11216502-11216482	Intron of transcript AGAP005165-RA	-	-	-	-
3	LLLFFVTR	-	41	1	1008.63500	2L:-:11370825-11370802	Intron of transcript AGAP005173-RA	-	-	-	-
4	AQLLIIVR	-	56	2	463.31503	2L:-:12743034-12743011	Intron of transcript AGAP005243-RA	-		- -	-
5	TPILIATDVAAR	-	75	1	1240.73076	2L:-:14449213-14449178	Intron of transcript AGAP005351-RA	-	-	CPIJ003935-PA	-
6	IIILELLSR	-	53	1	1069.69780	2L:-:15245252-15245226	Intron of transcript AGAP005411-RA	-	-	-	-
7	TQFTQPAAAPAAPGSSSAAAVSNNHQR	-	53	1	2637.28415	2L:-:15559459-15559379	Intron of transcript AGAP005449-RA	-	SNAP_ANOPHELES000000016474	-	-
8	LETLGDTEEATQLK	-	76	2	774.39490	2L:-:16509344-16509303	Intron of transcript AGAP005510-RA	-	-	-	-
9	NLLHIQR	N1(Deamidated)	41	1	894.51659	2L:-:18429560-18429540	Intron of transcript AGAP005661-RA	-	-	-	-
10	ILIFLVYK	-	41	1	1008.63921	2L:-:19447564-19447541	Intron of transcript AGAP005714-RA	BM646934	-	-	-
11	LFLIDVKIRPLLDGPNAR	N-Term(Acetyl), N16(Deamidated)	37	1	2093.21537	2L:-:22705943-22705890	Intron of transcript AGAP005870-RA, Intron of transcript AGAP005870-RB	-		- -	-
12	KTPELPDILLDQRPAGK	-	41	1	1891.07334	2L:-:23858559-23858509	Intron of transcript AGAP005936-RA	BX607474	SNAP_ANOPHELES000000004174	-	-
13	QAQKLTR	Q3(Deamidated)	57	2	423.24551	2L:-:24134412-24134392	Intron of transcript AGAP005964-RB, Intron of transcript AGAP005964-RA	BM598632	-	-	-
14	FNIVPSAPPPEEPLDSR	-	64	1	1864.95012	2L:-:25161670-25161620	Intron of transcript AGAP006025-RA	-	SNAP_ANOPHELES000000000925	-	-
15	TVAGPDVSVLAK	-	54	1	1156.65666	2L:-:25161760-25161725	Intron of transcript AGAP006025-RA	-	SNAP_ANOPHELES000000000925	-	-
16	ETSNYALPDGSFQR	-	59	1	1584.72893	2L:-:25161811-25161770	Intron of transcript AGAP006025-RA	-	SNAP_ANOPHELES000000000925	-	-
17	GSNNLLPQGTFAIR	-	67	1	1487.79778	2L:-:25161853-25161812	Intron of transcript AGAP006025-RA	-	SNAP_ANOPHELES000000000925	-	-
18	GGQHLPGAEASFVVPPGWR	-	75	1	1961.99663	2L:-:25162204-25162148	Intron of transcript AGAP006025-RA	BX620694	SNAP_ANOPHELES000000000925	-	-
19	IQAQEAQVHR	-	61	2	590.31561	2L:-:25162372-25162343	Intron of transcript AGAP006025-RA	BX620694	SNAP_ANOPHELES000000000925	-	-
20	RNQLTPILPR	N2(Deamidated)	50	2	604.85583	2L:-:3007396-3007367	Intron of transcript AGAP004742-RA, Intron of transcript AGAP004742-RB	BM634054	-	-	-
21	DKEESFWLTLLK	-	83	2	754.90594	2L:-:3036208-3036173	Intron of transcript AGAP004747-RA	-		- -	-
22	TSFNGPSLSEFPSPLTTR	-	84	2	969.48438	2L:-:3044929-3044876	Intron of transcript AGAP004750-RA	BX621132;BM597644; BM575158	SNAP_ANOPHELES000000005320	-	-
23	LFGFGGSPAVQTPTPPHSQSSPQNTPSSPMHHTTTTTNPPSTNDSR	M30(Oxidation)	57	1	4802.21540	2L:-:30518510-30518373	Intron of transcript AGAP006366-RA, Intron of transcript AGAP006366-RB, Intron of transcript AGAP006366-RC, Intron of transcript AGAP006366-RD, Intron of transcript AGAP006366-RE	-	SNAP_ANOPHELES000000023516	-	-

24	SRPSFAGPEASPQR	N-Term(Acetyl), Q13(Deamidated)	64	1	1529.73658	2L:-:30572777-30572736	Intron of transcript AGAP006373-RA	-		- -	-
25	IGALAPK	-	40	1	669.42859	2L:-:31994766-31994746	Intron of transcript AGAP006439-RA	-	-	-	-
26	DSSDSSAGGLLTTEFGLPK	-	74	2	941.45844	2L:-:32690257-32690201	Intron of transcript AGAP006475-RA	-	SNAP_ANOPHELES000010540	-	-
27	LDLGDLQLHPSDEFRV	-	71	1	1853.94120	2L:-:33295977-33295930	Intron of transcript AGAP006512-RA	-	SNAP_ANOPHELES000016624	-	-
28	KQNFYGPCITEDECLYGP	C8(Carbamidomethyl), C14(Carbamidomethyl)	104	1	2190.94682	2L:-:34279527-34279474	Intron of transcript AGAP006588-RB, Intron of transcript AGAP006588-RA	-	-	-	-
29	AGCFCNEGYVR	C3(Carbamidomethyl), C5(Carbamidomethyl)	71	1	1332.54643	2L:-:34280966-34280934	Intron of transcript AGAP006589-RA	-	-	-	-
30	KQLQNAIK	Q4(Deamidated)	63	2	472.28262	2L:-:35948245-35948222	Intron of transcript AGAP006656-RA, Intron of transcript AGAP006656-RB	-	-	-	-
31	LQIAPLIQIR	-	40	1	1164.74604	2L:-:35998781-35998752	Intron of transcript AGAP006656-RA, Intron of transcript AGAP006656-RB	-	-	-	-
32	LPVGSLTGGRPR	-	67	1	1209.70427	2L:-:39718703-39718668	Intron of transcript AGAP006901-RA, Intron of transcript AGAP006901-RB	-	SNAP_ANOPHELES000019706	-	-
33	LESTSSHFYATQSHAIGGYATAGR	-	164	1	2512.19034	2L:-:39718775-39718704	Intron of transcript AGAP006901-RA, Intron of transcript AGAP006901-RB	-	SNAP_ANOPHELES000019706	-	-
34	QTVIGSDSRLDGHGPVK	-	50	1	1765.93386	2L:-:45996064-45996014	Intron of transcript AGAP007349-RA	-		- -	-
35	QTVIGSDSR	-	59	2	481.74927	2L:-:45996064-45996038	Intron of transcript AGAP007349-RA	-		- -	-
36	HGAAAPGSAGPSAAAGSSGSGPSSSR	-	75	1	2138.98862	2L:-:49324667-49324590	Intron of transcript AGAP007725-RA	-		- -	-
37	LCIEPFLLVR	C2(Carbamidomethyl)	51	3	420.57993	2L:-:7890287-7890258	Intron of transcript AGAP005008-RB, Intron of transcript AGAP005008-RA	-	-	-	-
38	VCELSNI	N-Term(Acetyl), C2(Carbamidomethyl), N6(Deamidated)	55	1	877.39557	2L:+:13359839-13359859	Intron of transcript AGAP005261-RA	-		- -	-
39	LRILLAGR	-	43	2	456.30719	2L:+:14078551-14078574	Intron of transcript AGAP005324-RB	-	-	-	-
40	VLLLLAGRG	-	58	2	456.30557	2L:+:15060296-15060322	Intron of transcript AGAP005400-RA	-	-	-	-
41	HFTSNRINSEQR	N5(Deamidated), N8(Deamidated)	55	1	1490.70078	2L:+:16826803-16826838	Intron of transcript AGAP005536-RA	-	-	-	-
42	LIQTDIALPK	Q3(Deamidated)	52	2	556.83173	2L:+:18732441-18732470	Intron of transcript AGAP005682-RA	-	-	-	-
43	ELGLNSK	N5(Deamidated)	61	1	761.40436	2L:+:19635551-19635571	Intron of transcript AGAP005724-RA	-	-	-	-
44	QVMALVSQPALR	M3(Oxidation), Q8(Deamidated)	51	1	1329.72820	2L:+:21596090-21596125	Intron of transcript AGAP005807-RC, Intron of transcript AGAP005807-RA, Intron of transcript AGAP005807-RD	-	-	-	-
45	IPINEVKY	-	53	2	488.27866	2L:+:21791888-21791911	Intron of transcript AGAP005816-RA, Intron of transcript AGAP005816-RB	-		- -	-

46	DQQPEFELDEPAGFELER	-	68	2	1074.99194	2L:+:22291349-22291402	Intron of transcript AGAP005832-RB, Intron of transcript AGAP005832-RA	-	SNAP_ANOPHELES000000001245	-	-
47	GLLIGALR	N-Term(Acetyl)	49	2	427.77780	2L:+:25283183-25283206	Intron of transcript AGAP006027-RA	-	-	-	-
48	VEIALVR	-	53	2	400.25641	2L:+:29821710-29821730	Intron of transcript AGAP006330-RA	BM643233	-	-	-
49	RDSDEAESQFAFR	-	76	2	779.34943	2L:+:32287647-32287685	Intron of transcript AGAP006452-RA	BX619212	SNAP_ANOPHELES000000024457	-	-
50	DSDEAESQFAFR	-	93	1	1401.59404	2L:+:32287650-32287685	Intron of transcript AGAP006452-RA	BX619212	SNAP_ANOPHELES000000024457	-	-
51	KLSDVADATAAAAK	-	104	2	666.36127	2L:+:32287692-32287733	Intron of transcript AGAP006452-RA	BX619212	SNAP_ANOPHELES000000024457	CPIJ017149-PA	-
52	LSDVADATAAAAK	-	94	2	602.31433	2L:+:32287695-32287733	Intron of transcript AGAP006452-RA	BX619212	SNAP_ANOPHELES000000024457	CPIJ017149-PA	-
53	DAKDDDGDDDDDGLFGK	-	118	1	1812.70354	2L:+:32287833-32287883	Intron of transcript AGAP006452-RA	-	SNAP_ANOPHELES000000024457	-	-
54	DDDGDDDDDGLFGK	-	75	2	749.77826	2L:+:32287842-32287883	Intron of transcript AGAP006452-RA	BX619212	SNAP_ANOPHELES000000024457	-	-
55	HNQFICNA	N2(Deamidated), Q3(Deamidated), C6(Carbamidomethyl)	43	1	1005.42064	2L:+:32664195-32664218	Intron of transcript AGAP006474-RA	-	-	-	-
56	CEATVGMVLIALLR	C1(Carbamidomethyl)	61	1	1545.83200	2L:+:32839144-32839185	Intron of transcript AGAP006479-RA	-		- -	-
57	IPTLKVMFYK	-	51	1	1239.72991	2L:+:3308332-3308361	Intron of transcript AGAP004769-RA	-	-	-	-
58	EKNAAANALVLR	N7(Deamidated)	41	1	1270.71050	2L:+:34212264-34212299	Intron of transcript AGAP006574-RA, Intron of transcript AGAP006574-RB	-		- -	-
59	SAFLVWCFCNTSKR	C7(Carbamidomethyl), C9(Carbamidomethyl)	54	1	1775.82695	2L:+:37907974-37908015	Intron of transcript AGAP006757-RA	-	-	-	-
60	FYFLVLIHK	-	47	1	1179.70493	2L:+:38598202-38598228	Intron of transcript AGAP006800-RA, Intron of transcript AGAP006800-RB	-	-	-	-
61	TTCQLLKLLK	C3(Carbamidomethyl), Q4(Deamidated)	57	1	1218.70862	2L:+:39016086-39016115	Intron of transcript AGAP006825-RA	-		- -	-
62	RLPFQISAQTLSR	N-Term(Acetyl), Q9(Deamidated)	49	1	1559.85404	2L:+:40682638-40682676	Intron of transcript AGAP007005-RA	-	-	-	-
63	LLIHSKGNK	-	40	1	1009.61730	2L:+:42392899-42392925	Intron of transcript AGAP007086-RA	-		- -	-
64	ASNLVLPETGSGSVVLLFFR	-	38	1	2106.16997	2L:+:43290391-43290450	Intron of transcript AGAP007133-RA	-	-	-	-
65	TQTVTQTSSGSAGK	-	85	2	676.83783	2L:+:45262942-45262983	Intron of transcript AGAP007310-RA	AJ281527;AJ280910	SNAP_ANOPHELES000000001354	-	-
66	LVGAAATAAAVIR	-	63	2	592.36371	2L:+:45263119-45263157	Intron of transcript AGAP007310-RA	-	SNAP_ANOPHELES000000001354	-	-
67	DDSSSTEPLITVANK	-	79	2	788.89020	2L:+:46977860-46977904	Intron of transcript AGAP007503-RA	-	SNAP_ANOPHELES000000021051	-	-
68	DAGSESELIIQPNAAAPK	-	46	1	1810.92595	2L:+:46978100-46978153	Intron of transcript AGAP007503-RA	-	SNAP_ANOPHELES000000021051	-	-
69	TLLQEGQR	Q4(Deamidated), Q7(Deamidated)	55	1	946.48216	2L:+:47455093-47455116	Intron of transcript AGAP007545-RA, Intron of transcript AGAP007545-RB	-		- -	-
70	YQNTAQFAAGDIEVPVQHER	-	104	1	2273.09836	2L:+:47614614-47614673	Intron of transcript AGAP007562-RA	-	SNAP_ANOPHELES000000002511	-	-
71	VAPNPAVPAPGGGSEGDEISSGTLETPLSIK	-	61	1	2947.49521	2L:+:48773478-48773570	Intron of transcript AGAP007654-RA	-	SNAP_ANOPHELES000000021717	-	-
72	SPGAATVQDKPQAAGPAGGQQQDLSPSSAASASK	-	163	1	3165.54453	2L:+:48774553-48774654	Intron of transcript AGAP007654-RA	-	SNAP_ANOPHELES000000021717	-	-

73	IVYVEQPTFYTPEEEELLTGKPPR	-	65	1	2835.45444	2L:+:48775150-48775221	Intron of transcript AGAP007654-RA	-	SNAP_ANOPHELES000021717	-	-
74	LYFLYLDQLR	-	66	2	672.37384	2L:+:49313960-49313989	Intron of transcript AGAP007724-RB, Intron of transcript AGAP007724-RA	-	-	-	-
75	LLGNCIDLLLR	C5(Carbamidomethyl)	81	1	1299.74578	2L:+:6261181-6261213	Intron of transcript AGAP004940-RA	BM635761	-	-	-
76	YIDDAVYEMIR	-	55	2	694.33234	2L:+:6261232-6261264	Intron of transcript AGAP004940-RA	BM635761	-	-	-
77	VKPLLEAQK	-	54	1	1025.64641	2L:+:9000675-9000701	Intron of transcript AGAP005058-RA	-	-	-	-
78	MILQLLR	Q4(Deamidated)	58	2	444.27222	2R:-:16046576-16046556	Intron of transcript AGAP002122-RA	-		- -	-
79	YWPNRGASQQSVGIR	Q9(Deamidated), Q10(Deamidated)	42	2	860.91992	2R:-:19253265-19253221	Intron of transcript AGAP002316-RA	-	-	-	-
80	LAPQLER	-	53	2	413.74289	2R:-:22189241-22189221	Intron of transcript AGAP002518-RA	-	-	-	-
81	LNDTVNQTFSK	N2(Deamidated), N6(Deamidated), Q7(Deamidated)	51	1	1269.57305	2R:-:28116660-28116628	Intron of transcript AGAP002832-RB	-	-	-	-
82	MNILYTQITVAR	M1(Oxidation)	49	1	1438.77907	2R:-:29106450-29106415	Intron of transcript AGAP002900-RA	-	-	-	-
83	ILQHNVR	Q3(Deamidated)	56	1	880.50035	2R:-:30606501-30606481	Intron of transcript AGAP002986-RA, Intron of transcript AGAP002986-RB	-	-	-	-
84	HIQNNIDR	Q3(Deamidated), N4(Deamidated), N5(Deamidated)	54	1	1012.46935	2R:-:31301984-31301961	Intron of transcript AGAP003038-RA	-	-	-	-
85	HGAAAPPPNRPMNRR	M12(Oxidation)	58	1	1657.85171	2R:-:31428610-31428566	Intron of transcript AGAP003047-RD, Intron of transcript AGAP003047-RA, Intron of transcript AGAP003047-RC, Intron of transcript AGAP003047-RB	-		- -	-
86	HGAAAPPPNRPMNR	M12(Oxidation)	50	1	1501.74552	2R:-:31428610-31428569	Intron of transcript AGAP003047-RD, Intron of transcript AGAP003047-RA, Intron of transcript AGAP003047-RC, Intron of transcript AGAP003047-RB	-		- -	-
87	TLYTLWKMSP	-	50	1	1239.65923	2R:-:3525539-3525510	Intron of transcript AGAP001358-RA	-	-	-	-
88	RLSDLIVSDHR	N-Term(Acetyl)	55	2	676.86542	2R:-:37922589-37922557	Intron of transcript AGAP003457-RA	-	-	-	-
89	LYTQNFNTTQR	Q4(Deamidated), N7(Deamidated), Q10(Deamidated)	50	1	1388.63201	2R:-:38821618-38821586	AGAP003509-RA, Intron of transcript AGAP003509-RB, Intron of transcript AGAP003509-RC, Intron of transcript AGAP003509-RD, Intron of transcript AGAP003509-RE, Intron of transcript AGAP003509-RF, Intron of transcript AGAP003509-RG	-	-	-	-

90	SPKASVLR	-	73	2	429.26373	2R:-:38950242-38950219	Intron of transcript AGAP003509-RA, Intron of transcript AGAP003509-RCIntron of transcript AGAP003509-REIntron of transcript AGAP003509-RFIntron of transcript AGAP003509-RG	-	-	-	-
91	HVELYNVGNTK	-	56	1	1273.65215	2R:-:3922694-3922662	Intron of transcript AGAP001372-RB, Intron of transcript AGAP001372-RCIntron of transcript AGAP001372-RA	-	SNAP_ANOPHELES000000018637	-	-
92	KLLLLLMEAPQTVSPP	-	48	1	1750.00724	2R:-:3955527-3955480	Intron of transcript AGAP001372-RB, Intron of transcript AGAP001372-RCIntron of transcript AGAP001372-RA	-	-	-	-
93	WKLLNLALMPNLIR	N11(Deamidated)	58	2	848.50610	2R:-:41033886-41033845	Intron of transcript AGAP003651-RA, Intron of transcript AGAP003651-RB	-	-	-	-
94	IPIVVNRR	-	42	1	966.60997	2R:-:48930924-48930901	Intron of transcript AGAP004052-RA	-	-	-	-
95	LGAGSVLIMLR	M9(Oxidation)	60	1	1145.66948	2R:-:50147705-50147673	Intron of transcript AGAP004112-RA	-	-	-	-
96	DDEDDDEDEEVVGR	-	115	2	818.80908	2R:-:5356633-5356592	Intron of transcript AGAP001471-RA	-	SNAP_ANOPHELES000000024645	-	-
97	LYLDIKMNDDQK	M7(Oxidation), N8(Deamidated), Q11(Deamidated)	49	1	1513.69255	2R:-:55574259-55574224	Intron of transcript AGAP004392-RA, Intron of transcript AGAP004392-RB	-		- -	-
98	TTADTTSTPNITTPTPRPR	-	57	1	2028.04337	2R:-:575623-575567	Intron of transcript AGAP001140-RA	-		- -	-
99	QSDDGKNIIFECR	C12(Carbamidomethyl)	60	1	1581.73221	2R:-:7181958-7181920	Intron of transcript AGAP001633-RA	-		- -	-
100	NICNALKPPILHKTLK	N1(Deamidated), C3(Carbamidomethyl), N4(Deamidated)	58	1	1862.06284	2R:+:10376818-10376865	Intron of transcript AGAP001786-RA	-	-	-	-
101	DVHEQPIQMR	M9(Oxidation)	63	1	1268.60564	2R:+:1223742-1223771	Intron of transcript AGAP001194-RA	-		- -	-
102	IIINIRQ	-	46	2	435.28281	2R:+:17741770-17741790	Intron of transcript AGAP002226-RA	-	-	-	-
103	GGFGFPILIKLK	-	46	1	1289.78308	2R:+:17950892-17950927	Intron of transcript AGAP002233-RA	-	-	-	-
104	YRYSTAPSIVVR	-	58	1	1411.77129	2R:+:20942303-20942338	Intron of transcript AGAP013481-RA, Intron of transcript AGAP013481-RC, Intron of transcript AGAP013481-RE, Intron of transcript AGAP013481-RF, Intron of transcript AGAP013481-RG	BM645877;BX013694	-	-	-

105	YFAYPITSYYSYR	-	78	1	1693.79521	2R:+:20942339-20942377	Intron of transcript AGAP013481-RA, Intron of transcript AGAP013481-RC, Intron of transcript AGAP013481-RE, Intron of transcript AGAP013481-RF, Intron of transcript AGAP013481-RG	BX013694	-	-	-
106	QRIVSVFVTK	-	40	1	1176.69963	2R:+:22627979-22628008	Intron of transcript AGAP002544-RA	-	-	-	-
107	KLGQLSIGTAGWL	Q4(Deamidated)	49	1	1344.74695	2R:+:22882660-22882698	Intron of transcript AGAP002564-RA, Intron of transcript AGAP002564-RB, Intron of transcript AGAP002564-RC, Intron of transcript AGAP002564-RD, Intron of transcript AGAP002564-RE	-	-	-	-
108	VGMSLVERQQQK	M3(Oxidation)	50	1	1418.73064	2R:+:23039934-23039969	Intron of transcript AGAP002573-RA	-	-	-	-
109	LLILVPK	-	32	2	398.28894	2R:+:23644381-23644401	Intron of transcript AGAP002591-RA	-	-	-	-
110	MRGGRPSSVLAGK	M1(Oxidation)	49	1	1331.73027	2R:+:25428905-25428943	Intron of transcript AGAP002677-RA	-	-	-	-
111	KGPLFLR	-	50	2	415.76590	2R:+:25444734-25444754	Intron of transcript AGAP002677-RA	-	-	-	-
112	ISPVFIEELER	-	76	2	666.36548	2R:+:26368089-26368121	Intron of transcript AGAP002737-RA	-	-	-	-
113	LGLQDAIAGLKVNR	-	42	1	1467.86772	2R:+:27065145-27065186	Intron of transcript AGAP002782-RA	-	-	-	-
114	NPYQDKLVNER	-	75	1	1375.69914	2R:+:28377133-28377165	Intron of transcript AGAP002858-RA, Intron of transcript AGAP002858-RB, Intron of transcript AGAP002858-RC, Intron of transcript AGAP002858-RD, Intron of transcript AGAP002858-RE	-	SNAP_ANOPHELES000000010419	-	-
115	LGVVPVLR	-	48	2	426.78723	2R:+:28623484-28623507	Intron of transcript AGAP002881-RB, Intron of transcript AGAP002881-RA	-	-	-	-
116	AGDEIVTITR	-	53	1	1074.57915	2R:+:31239656-31239685	Intron of transcript AGAP003027-RA	BM652898	SNAP_ANOPHELES000000021943	-	-
117	FPLIRSISLALAQSR	-	68	2	836.49664	2R:+:33657473-33657517	Intron of transcript AGAP003186-RA	-		- -	-
118	IILGLFR	-	45	2	416.27637	2R:+:34293754-34293774	Intron of transcript AGAP003235-RA	-	-	-	-
119	QSLSVGQDLDQTNGGNGEEDEDQDGHQAGR	-	92	1	3156.33982	2R:+:34717812-34717901	Intron of transcript AGAP003269-RA	-	SNAP_ANOPHELES000000013207	-	-
120	LLSCEMLGR	C4(Carbamidomethyl), M6(Oxidation)	51	1	1094.51929	2R:+:36004980-36005006	Intron of transcript AGAP003327-RA	-	-	-	-
121	FFGVDYLDDK	N-Term(Acetyl)	51	1	1260.58940	2R:+:40508107-40508136	Intron of transcript AGAP003611-RA	-		- -	-

122	ISNVNIKENNK	N-Term(Acetyl), N5(Deamidated)	50	2	658.34778	2R:+:42274372-42274404	Intron of transcript AGAP003709-RF, Intron of transcript AGAP003709-RD, Intron of transcript AGAP003709-RE, Intron of transcript AGAP003709-RB, Intron of transcript AGAP003709-RC, Intron of transcript AGAP003709-RA	-	-	-	-
123	HSNVLMVTVSAVVLAELK	M6(Oxidation)	46	1	1926.08237	2R:+:42489877-42489930	Intron of transcript AGAP003726-RA	-	-	-	-
124	VAQTILGEK	-	55	1	958.55748	2R:+:44666856-44666882	Intron of transcript AGAP003860-RB, Intron of transcript AGAP003860-RCIntron of transcript AGAP003860-RA	-	-	-	-
125	YTFYGHFVAGEDQQK	-	119	1	1789.82182	2R:+:44666904-44666948	Intron of transcript AGAP003860-RB, Intron of transcript AGAP003860-RCIntron of transcript AGAP003860-RA	-	-	-	-
126	AILGDRLFVYLMK	M12(Oxidation)	64	1	1554.87540	2R:+:44667512-44667550	Intron of transcript AGAP003860-RB, Intron of transcript AGAP003860-RCIntron of transcript AGAP003860-RA	-	SNAP_ANOPHELES000000269	-	-
127	LFVYLMK	M6(Oxidation)	54	1	929.51787	2R:+:44667530-44667550	Intron of transcript AGAP003860-RB, Intron of transcript AGAP003860-RCIntron of transcript AGAP003860-RA	-	SNAP_ANOPHELES000000269	-	-
128	LFVYLMK	-	55	1	913.52342	2R:+:44667530-44667550	Intron of transcript AGAP003860-RB, Intron of transcript AGAP003860-RCIntron of transcript AGAP003860-RA	-	SNAP_ANOPHELES000000269	-	-
129	QTFYGHFVAGEDR	-	95	1	1526.70439	2R:+:44667551-44667589	Intron of transcript AGAP003860-RB, Intron of transcript AGAP003860-RCIntron of transcript AGAP003860-RA	-	SNAP_ANOPHELES000000269	-	-
130	QTFYGHFVAGEDRIR	-	64	1	1795.89090	2R:+:44667551-44667595	Intron of transcript AGAP003860-RB, Intron of transcript AGAP003860-RCIntron of transcript AGAP003860-RA	-	SNAP_ANOPHELES000000269	-	-
131	IKPMKNRPPENR	N6(Deamidated)	43	1	1480.81633	2R:+:44765165-44765200	Intron of transcript AGAP003871-RA, Intron of transcript AGAP003871-RC	-	-	-	-

132	WAPWQQQPPGGPTGSASGHR	-	81	1	2101.99619	2R:+:4724847-4724906	Intron of transcript AGAP001419-RD, Intron of transcript AGAP001419-RAIntron of transcript AGAP001419-RBIntron of transcript AGAP001419-RC	-	-	-	-
133	GGGGPWAGSNSSQR	-	51	1	1317.59575	2R:+:4724928-4724969	Intron of transcript AGAP001419-RD, Intron of transcript AGAP001419-RAIntron of transcript AGAP001419-RBIntron of transcript AGAP001419-RC	-	-	-	-
134	INTNHIR	N2(Deamidated), N4(Deamidated)	52	2	435.22757	2R:+:47707512-47707532	Intron of transcript AGAP003997-RC, Intron of transcript AGAP003997-RBIntron of transcript AGAP003997-RAIntron of transcript AGAP003997-RD	-	-	-	-
135	IYSTKGGK	-	43	1	853.47844	2R:+:51062982-51063005	Intron of transcript AGAP004169-RA, Intron of transcript AGAP004169-RB	-	-	-	-
136	IFILSLINVEK	-	51	1	1288.76848	2R:+:54332625-54332657	Intron of transcript AGAP004310-RA	-	-	-	-
137	LLQAIFVSLFMFFPNV	Q3(Deamidated)	47	1	1886.99833	2R:+:54806679-54806726	Intron of transcript AGAP004335-RB, Intron of transcript AGAP004335-RA	-	-	-	-
138	TTANEDEIEK	N4(Deamidated)	52	2	575.76312	2R:+:55565443-55565472	Intron of transcript AGAP004391-RA	-	-	-	-
139	SILINMIR	N5(Deamidated), M6(Oxidation)	51	2	488.77652	2R:+:8371739-8371762	Intron of transcript AGAP001684-RA	-		- -	-
140	VLFAQLEK	Q5(Deamidated)	53	2	474.77911	2R:+:8527259-8527282	Intron of transcript AGAP013145-RC	-	SNAP_ANOPHELES000000009252	-	-
141	QRFLITPK	-	53	1	1002.60002	3L:-:10033279-10033256	Intron of transcript AGAP010767-RA	-	-	-	-
142	APGLPIR	-	43	2	362.22934	3L:-:10046999-10046979	Intron of transcript AGAP010767-RA	-	-	-	-
143	EYFVHELTNSVVK	-	68	1	1564.79619	3L:-:12905481-12905443	Intron of transcript AGAP010911-RA	-	-	-	-
144	IEIMINIIRK	-	50	1	1242.76238	3L:-:13491151-13491122	Intron of transcript AGAP010939-RA	-	-	-	-

145	SYSQEELQR	-	54	1	1139.53581	3L:-:14495603-14495577	Intron of transcript AGAP010987-RA	BX026486;BX026485; BX007817;BX605058; BX061154;BX020299; BX020298;BX046427; BX028286;BX028285; BX036958;BX007816; BX028542;BX028563; BX068199;BX047779; BX047778;BX053366; BX041616;BX008050; BX047023;BX061153; BM583587;BX036936; BX029076;BX008049; BX068200;BM656665	-	-	-
146	NLTVYEDDLWIVTAPK	-	60	2	938.99396	3L:-:14496277-14496230	Intron of transcript AGAP010987-RA	BX026485;BM593443; BM626785;CR525593; BX605058;BX061154; BX020299;BX020298; BX046427;BX028286; BX028285;BX036957; BX007816;BM596284; BM583186;BX028563; BX068199;BX047779; BX047778;BX041615; BX008050;BM591019; BX047023;BX061153; BM583587;BX036936; AL929908;BX029075; BX621153;BX008049; BM648097;BX015424; BX068200;BM656665;	-	-	-
147	TGAAPAHCVLNEHYK	C8(Carbamidomethyl)	48	1	1667.80691	3L:-:14496343-14496299	Intron of transcript AGAP010987-RA	BX026485;BM593443; BM626785;CR525593; BX605058;BX020298; BX046427;BX028285; BX036957;BX007816; BM583186;BX028563; BX068199;BX047778; BM591019;BX047023; BX061153;BM583587; BX029075;BX621153; BX008049;BX015424; BM656665;BM590827	-	-	-
148	REIGLAAK	-	58	2	429.25937	3L:-:16297028-16297005	Intron of transcript AGAP011075-RA	-	-	-	-
149	NKVVISFK	N1(Deamidated)	54	1	935.55528	3L:-:17810788-17810765	Intron of transcript AGAP011138-RA	-		- -	-
150	VTTVQMAANSLATTASNRPPSTPAGTPAK	M6(Oxidation)	95	1	2856.45774	3L:-:19377415-19377329	Intron of transcript AGAP011206-RA	BX624183	SNAP_ANOPHELES000000014205	-	-
151	VTTVQMAANSLATTASNRPPSTPAGTPAK	-	110	1	2840.46695	3L:-:19377415-19377329	Intron of transcript AGAP011206-RA	BX624183	SNAP_ANOPHELES000000014205	-	-
152	YYFWDDGNGLK	-	64	1	1377.61316	3L:-:21679726-21679694	Intron of transcript AGAP011354-RA	CD745465;CD745464; BX608750;BM578173; CR536102;BX068189; BX058137;BX058136; BX609352;CR529432; CR529433;BX068190; BM614003;ncbi_CD745465;CR525453;BM642882;BX613866;BM615451;BM597371;BX767035	SNAP_ANOPHELES000000018833	CPIJ016903-PA,CPIJ019824-PA	AAEL000947-PA

153	YYFWDDGNGLK	N8(Deamidated)	56	2	689.80133	3L:-:21679726-21679694	Intron of transcript AGAP011354-RA	CD745465;CD745464; BX608750;BM578173; CR536102;BX068189; BX058137;BX058136; BX609352;CR529432; CR529433;BX068190; BM614003;ncbi_CD74 5465;CR525453;BM64 2882;BX613866;BM61 5451;BM597371;BX76	SNAP_ANOPHELES00 000018833	CPIJ016903-PA,CPIJ019824-PA	AAEL000947-PA
154	GENANLDFK	-	57	1	1007.48430	3L:-:21679768-21679742	Intron of transcript AGAP011354-RA	CD745464;BX608750; BM578173;CR536102; BX068189;BX058137; BX058136;BX609352; CR529432;CR529433; BX068190;BM614003; CR525453;BM642882; BX613866;BM615451; BM597371;BX767035	SNAP_ANOPHELES00 000018833	CPIJ016903-PA,CPIJ019824-PA	AAEL000947-PA
155	IILRGENANLDFK	-	56	1	1502.83464	3L:-:21679780-21679742	Intron of transcript AGAP011354-RA	CD745464;BX608750; BM578173;CR536102; BX068189;BX058137; BX058136;BX609352; CR529432;CR529433; BX068190;BM614003; CR525453;BM642882; BM615451;BM597371;	SNAP_ANOPHELES00 000018833	CPIJ016903-PA,CPIJ019824-PA	AAEL000947-PA
156	WANIVVR	N3(Deamidated)	59	2	429.74469	3L:-:21835443-21835423	Intron of transcript AGAP011357-RA	-		- -	-
157	VVENGETTDFK	-	87	2	619.79865	3L:-:22033020-22032988	Intron of transcript AGAP011369-RA	BX602661	SNAP_ANOPHELES00 000011139	-	-
158	VVENGETTDFK	N4(Deamidated)	61	2	620.29041	3L:-:22033020-22032988	Intron of transcript AGAP011369-RA	BX602661	SNAP_ANOPHELES00 000011139	-	-
159	GYPVHTAVHR	-	75	1	1136.59831	3L:-:22033050-22033021	Intron of transcript AGAP011369-RA	-	SNAP_ANOPHELES00 000011139	-	-
160	AQEFITAKGYPVHTAVHR	-	113	1	2025.07669	3L:-:22033074-22033021	Intron of transcript AGAP011369-RA	-	SNAP_ANOPHELES00 000011139	-	-
161	AIALYHVSDASGSLEITPIGERPLK	-	154	1	2637.43723	3L:-:22033331-22033257	Intron of transcript AGAP011369-RA	-	SNAP_ANOPHELES00 000011139	-	-
162	AISAAGQIRDQDHAGR	-	77	1	1665.84629	3L:-:22033586-22033539	Intron of transcript AGAP011369-RA	-	SNAP_ANOPHELES00 000011139	-	-
163	AISAAGQIR	-	61	1	886.51274	3L:-:22033586-22033560	Intron of transcript AGAP011369-RA	-	SNAP_ANOPHELES00 000011139	-	-
164	SGFNEVETNAAGEKR	-	99	1	1608.76067	3L:-:22033784-22033740	Intron of transcript AGAP011369-RA	BM634197	SNAP_ANOPHELES00 000011139	-	AAEL006095-PA,AAEL006095-PB,AAEL006090-PA,AAEL006090-PB
165	SGFNEVETNAAGEK	-	97	1	1452.66655	3L:-:22033784-22033743	Intron of transcript AGAP011369-RA	BM634197	SNAP_ANOPHELES00 000011139	-	AAEL006095-PA,AAEL006095-PB,AAEL006090-PA,AAEL006090-PB
166	EVQDHEGSLFLSYFPGGVR	-	138	1	2137.04399	3L:-:22033862-22033806	Intron of transcript AGAP011369-RA	BM634197	SNAP_ANOPHELES00 000011139	-	-
167	IHHADPNHQSR	-	51	1	1311.63518	3L:-:23826563-23826531	Intron of transcript AGAP011399-RA	BM600946	SNAP_ANOPHELES00 000007012	-	-
168	ILNNLIIK	-	70	2	470.81351	3L:-:25505509-25505486	Intron of transcript AGAP011498-RA	-	-	-	-
169	LSQILYK	Q3(Deamidated)	51	1	865.50262	3L:-:27298055-27298035	Intron of transcript AGAP011554-RA	-	-	-	-

170	QINLAGDNPLEALQIDAIVDTINDFR	-	156	1	2868.48282	3L:-:2780336-2780259	Intron of transcript AGAP010404-RA	BM625325;BM626003; BM621670;BM642683; BM638304;BM613240; BM640103;BM630653; BM652610;BM645667; BM618114;BM625334; BM628512;BM642528; BM596069;BM652487; BM602760;BM644370; BM645076;BM632408; BM647544;BM623546; BM621699;BM625666; ncbi_BM626530;BM65 5206;BM648442;BM61 9818;BM652318;BM63 5556;BM637945;BM62 9998;BM594662;BM65 7612;BM650619;BM62 5407;BM645069;BM62 2338;BM629119;BM61 9869;BX050329;BX61 5317;BM656912;BM65 0248;BM641333;BM64 1444;BM648136;BM64 1410;BM621925;BM65 4711;BM621409;BM63 5769;BM616887;BM65 6761;L07880;BM65224 6;BM628436;BM61819 4;BM653607;BM63172 1;BM655014;BM65246	SNAP_ANOPHELES00 000022121	-	-
171	VHQSLAMCR	C8(Carbamidomet hyl)	65	1	1101.53093	3L:-:2780375-2780349	Intron of transcript AGAP010404-RA	BM625325;BM626003; BM621670;BM642683; BM638304;BM613240; BM640103;BM620610; BM630653;BM652610; BM645667;BM618114; BM625334;BM628512; BM596069;BM652487; BM602760;BM644370; BM645076;BM632408; BM647544;BM623546; BM621699;BM625666; ncbi_BM626530;BM65 5206;BM648442;BM61 9818;BM652318;BM63 5556;BM637945;BM62 9998;BM594662;BM65 7612;BM650619;BM62 5407;BM645069;BM62 2338;BM629119;BM61 9869;BX615317;BM65 6912;BM650248;BM64 1333;BM641444;BM64 8136;BM641410;BM62 1925;BM654711;BM62 1409;BM632244;BM63 5769;BM616887;BM65 6761;L07880;BM65224 6;BM628436;BM61819 4;BM653607;BM62266 2;BM631721;BM65501	SNAP_ANOPHELES00 000022121	CPIJ006159-PA	AAEL011741-PB

172	RVHQSLAMCR	M8(Oxidation), C9(Carbamidomethyl)	64	1	1273.62668	3L:-:2780378-2780349	Intron of transcript AGAP010404-RA	BM625325;BM626003; BM621670;BM642683; BM638304;BM613240; BM640103;BM620610; BM630653;BM652610; BM645667;BM618114; BM625334;BM628512; BM596069;BM652487; BM602760;BM644370; BM645076;BM632408; BM647544;BM623546; BM621699;BM625666; ncbi_BM626530;BM65 5206;BM648442;BM61 9818;BM652318;BM63 5556;BM637945;BM62 9998;BM594662;BM65 7612;BM650619;BM62 5407;BM645069;BM62 2338;BM629119;BM61 9869;BX615317;BM65 6912;BM650248;BM64 1333;BM641444;BM64 8136;BM641410;BM62 1925;BM654711;BM62 1409;BM632244;BM63 5769;BM616887;BM65 6761;L07880;BM65224 6;BM628436;BM61819 4;BM653607;BM62266 2;BM631721;BM65501	SNAP_ANOPHELES000000022121	CPIJ006159-PA	AAEL011741-PB
173	VVDNVTSIESIR	-	103	2	666.36255	3L:-:2781277-2781242	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM648799;BX065089; BM631337;BM629851; BX066273;BX053323; BX053322;CR528850; BM647135;BX058717; BX065090;BM644594; ncbi_BM636065;BM62 6509;CR528849;BM65 0267;BM618640;BX05 3345;BX053344;BM64 0585;BM628784;BM63 4301;BX061261;BM62 6879;ncbi_BM631337; BM650950;BM628495; BM637362;BM635388; BM655380;BM632636; BM641009;BM643953; BM602732;BM625814; AF513639;BM635676; BM619897;BM618487; BM581796;BM628396; BX066274;BM651006; BM619735;BM643997; BM624898;BM631046; BX058107;BM654280; BM611393;BM652889; BM657505;BM621526; ncbi_BM640585;BM62 7620;BM651184;CD74	SNAP_ANOPHELES000000022122	-	-

174	SDLVANHPNLQR	N6(Deamidated)	56	1	1364.69121	3L:-:2781313-2781278	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BX066273; BX053322;CR528850; BM647135;BX058717; BX065090;BM644594; ncbi_BM636065;BM62 6509;CR528849;BM65 0267;BX048925;BX04 8924;BM618640;BX05 3345;BX053344;BM64 0585;BM628784;BM63 4301;BX061261;BM62 6879;ncbi_BM631337; BM650950;BM621254; BM628495;BM641448; BM637362;BM635388; BM655380;BM632636; BM641009;BM643953; BM652851;BM602732; BM625814;AF513639; BM635676;BM619897; BM618487;BM581796; BM628396;BM651006; BM619735;BM643997; BM624898;BM631046; BX058107;BM654280; BM611393;BM635063; BM652889;BM657505;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	AAEL011741-PA
175	SDLVANHPNLQR	-	85	1	1363.71172	3L:-:2781313-2781278	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BX066273; BX053322;CR528850; BM647135;BX058717; BX065090;BM644594; ncbi_BM636065;BM62 6509;CR528849;BM65 0267;BX048925;BX04 8924;BM618640;BX05 3345;BX053344;BM64 0585;BM628784;BM63 4301;BX061261;BM62 6879;ncbi_BM631337; BM650950;BM621254; BM628495;BM641448; BM637362;BM635388; BM655380;BM632636; BM641009;BM643953; BM652851;BM602732; BM625814;AF513639; BM635676;BM619897; BM618487;BM581796; BM628396;BM651006; BM619735;BM643997; BM624898;BM631046; BX058107;BM654280; BM611393;BM635063; BM652889;BM657505;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	AAEL011741-PA

176	DNNGYLANSK	N3(Deamidated), N8(Deamidated)	66	2	549.24036	3L:-:2781521-2781492	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8925;BX048924;BM58 9979;BM618640;BM64 8125;BM636297;BX05 3344;BM628784;BM63 4301;BX061261;BM62 6879;ncbi_BM631337; BM650950;BM621254; BM628495;BM639729; BM641448;BM637362; BM635388;BM655380; BM632636;BM641009; BM643953;BM652851; BM602732;BM625814; AF513639;BM628791; BM619628;BM635676; BM619895;BM619897; BM618487;BM581796; BM628396;BX066274; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	-	-
177	DNNGYLANSK	N3(Deamidated)	67	1	1096.49121	3L:-:2781521-2781492	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8925;BX048924;BM58 9979;BM618640;BM64 8125;BM636297;BX05 3344;BM628784;BM63 4301;BX061261;BM62 6879;ncbi_BM631337; BM650950;BM621254; BM628495;BM639729; BM641448;BM637362; BM635388;BM655380; BM632636;BM641009; BM643953;BM652851; BM602732;BM625814; AF513639;BM628791; BM619628;BM635676; BM619895;BM619897; BM618487;BM581796; BM628396;BX066274; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	-	-

178	DNNGYLANSK	-	68	2	548.25787	3L:-:2781521-2781492	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8925;BX048924;BM58 9979;BM618640;BM64 8125;BM636297;BX05 3344;BM628784;BM63 4301;BX061261;BM62 6879;ncbi_BM631337; BM650950;BM621254; BM628495;BM639729; BM641448;BM637362; BM635388;BM655380; BM632636;BM641009; BM643953;BM652851; BM602732;BM625814; AF513639;BM628791; BM619628;BM635676; BM619895;BM619897; BM618487;BM581796; BM628396;BX066274; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	-	-
179	LVTLNNEVIPFYLEKLDDIAR	-	71	1	2475.34952	3L:-:2781584-2781522	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BX614068;BM643309; BX065090;BM644594; ncbi_BM636065;BM62 6509;CR528849;BM65 0267;BX048924;BM58 9979;BM618640;BM64 8125;BM636297;BX05 3344;BM628784;BM63 4301;BX061261;BM62 6879;ncbi_BM631337; BM650950;BM621254; BM628495;BM639729; BM641448;BM637362; BM635388;BM655380; BM632636;BM641009; BM643953;BM652851; BM602732;BM625814; AF513639;BM619628; BM635676;BM619895; BM619897;BM618487; BM581796;BM628396; BM650367;BM636998; BM651006;BM619735;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	-

180	LVTLNNEVIPFYLEK	-	109	2	896.49841	3L:-:2781584-2781540	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BX614069;BX614068; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8924;BM589979;BM61 8640;BM648125;BM63 6297;BX053344;BM62 8784;BM634301;BX06 1261;BM626879;ncbi_ BM631337;BM650950; BM621254;BM628495; BM639729;BM641448; BM637362;BM635388; BM655380;BM632636; BM641009;BX008479; BM643953;BM652851; BM602732;BM625814; AF513639;BM619628; BM635676;BM619895; BM619897;BM618487; BM581796;BM628396; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	-
181	LVTLNNEVIPFYLEK	N6(Deamidated)	79	2	896.98993	3L:-:2781584-2781540	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BX614069;BX614068; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8924;BM589979;BM61 8640;BM648125;BM63 6297;BX053344;BM62 8784;BM634301;BX06 1261;BM626879;ncbi_ BM631337;BM650950; BM621254;BM628495; BM639729;BM641448; BM637362;BM635388; BM655380;BM632636; BM641009;BX008479; BM643953;BM652851; BM602732;BM625814; AF513639;BM619628; BM635676;BM619895; BM619897;BM618487; BM581796;BM628396; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	-

182	LVTLNNEVIPFYLEK	N5(Deamidated)	109	2	896.99292	3L:-:2781584-2781540	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BX614069;BX614068; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8924;BM589979;BM61 8640;BM648125;BM63 6297;BX053344;BM62 8784;BM634301;BX06 1261;BM626879;ncbi_ BM631337;BM650950; BM621254;BM628495; BM639729;BM641448; BM637362;BM635388; BM655380;BM632636; BM641009;BX008479; BM643953;BM652851; BM602732;BM625814; AF513639;BM619628; BM635676;BM619895; BM619897;BM618487; BM581796;BM628396; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	-
183	KLVTLNNEVIPFYLEK	N6(Deamidated)	91	1	1921.06853	3L:-:2781587-2781540	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BX614069;BX614068; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8924;BM589979;BM61 8640;BM648125;BM63 6297;BX053344;BM62 8784;BM634301;BX06 1261;BM626879;ncbi_ BM631337;BM650950; BM621254;BM628495; BM639729;BM641448; BM637362;BM635388; BM655380;BM632636; BM641009;BX008479; BM643953;BM652851; BM602732;BM625814; AF513639;BM619628; BM635676;BM619895; BM619897;BM618487; BM581796;BM628396; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	-

184	KLVTLNNEVIPFYLEK	-	124	1	1920.09062	3L:-:2781587-2781540	Intron of transcript AGAP010404-RA	BM620509;BM655173; BM618714;BX058718; BM636485;BM646436; BM648799;BX065089; BM631337;BM629851; BX066273;BX053322; CR528850;BM647135; BM609617;BX058717; BX614069;BX614068; BM643309;BX065090; BM644594;ncbi_BM63 6065;BM626509;CR52 8849;BM650267;BX04 8924;BM589979;BM61 8640;BM648125;BM63 6297;BX053344;BM62 8784;BM634301;BX06 1261;BM626879;ncbi_ BM631337;BM650950; BM621254;BM628495; BM639729;BM641448; BM637362;BM635388; BM655380;BM632636; BM641009;BX008479; BM643953;BM652851; BM602732;BM625814; AF513639;BM619628; BM635676;BM619895; BM619897;BM618487; BM581796;BM628396; BM650367;BM636998;	SNAP_ANOPHELES00 000022122	CPIJ006160-PA	-
185	VDAQFCVPGNPNTCER	C6(Carbamidomet hyl), C14(Carbamidom ethyl)	65	1	1863.81755	3L:-:29881424-29881377	Intron of transcript AGAP011617-RA	-	SNAP_ANOPHELES00 000001767	-	-
186	GGNAEVNPCPPGEILR	C9(Carbamidomet hyl)	68	2	840.41449	3L:-:29881472-29881425	Intron of transcript AGAP011617-RA	-	SNAP_ANOPHELES00 000001767	-	-
187	FKILDAVIAPEPLHR	-	61	1	1719.00254	3L:-:31276527-31276483	Intron of transcript AGAP011677-RA	BX627451;BM649301	SNAP_ANOPHELES00 000013738	-	-
188	DSIVQGFQWGTR	-	82	2	697.34692	3L:-:31276602-31276567	Intron of transcript AGAP011677-RA	BX627451;BM649301	SNAP_ANOPHELES00 000013738	CPIJ011526-PA	-
189	IAVEPVNPSELPK	-	63	1	1392.77934	3L:-:31277124-31277086	Intron of transcript AGAP011677-RA	BX628961;BX629040	SNAP_ANOPHELES00 000013738	CPIJ011526-PA	AAEL011382-PA
190	VLGENYTLQDEEDSR	-	77	2	884.40387	3L:-:31277367-31277323	Intron of transcript AGAP011677-RA	BX629040	SNAP_ANOPHELES00 000013738	-	-
191	SFVEFVLEPLYK	-	76	2	735.89746	3L:-:31277790-31277755	Intron of transcript AGAP011677-RA	-	SNAP_ANOPHELES00 000013738	-	-
192	SISFQLIWFIR	Q5(Deamidated)	57	1	1410.78907	3L:-:31419802-31419770	Intron of transcript AGAP011691-RA	-		- -	-
193	VSVLYTVPR	-	67	2	517.30560	3L:-:33046699-33046673	Intron of transcript AGAP011768-RA	-	-	-	-
194	SFHLYLKPFMR	M10(Oxidation)	56	1	1454.76369	3L:-:33325350-33325318	Intron of transcript AGAP011798-RA	ncbi_AJ283523;AJ283 523;BX618717;AJ2848 15	SNAP_ANOPHELES00 000001193	-	-
195	TVGELYAYNEALDSIGSLVR	-	145	1	2170.11211	3L:-:33325755-33325696	Intron of transcript AGAP011798-RA	ncbi_AJ283523;AJ283 523;AL931856;BX6187 17;AJ284815	SNAP_ANOPHELES00 000001193	-	-
196	LLADGTFVKPPSQALTYGTMMFVR	M20(Oxidation), M21(Oxidation)	73	1	2675.37082	3L:-:33326858-33326787	Intron of transcript AGAP011798-RA	BM605234	SNAP_ANOPHELES00 000001193	-	-
197	GIVIGEIGNK	-	53	1	999.58476	3L:-:33326975-33326946	Intron of transcript AGAP011798-RA	-	SNAP_ANOPHELES00 000001193	-	-
198	TEEFVLESPTLSSYK	-	100	1	1729.85552	3L:-:33327265-33327221	Intron of transcript AGAP011798-RA	-	SNAP_ANOPHELES00 000001194	-	-
199	CQLLGTYAQTELGHGTFLR	C1(Carbamidomet hyl)	89	1	2165.08426	3L:-:33327355-33327299	Intron of transcript AGAP011798-RA	AL932419;BM637834	SNAP_ANOPHELES00 000001194	-	-
200	VLPALNGK	-	44	1	811.50415	3L:-:35043990-35043967	Intron of transcript AGAP011916-RA	-		- -	-

201	AETIKPGFYALNLLYLGK	-	59	1	2011.12827	3L:-:35586259-35586206	Intron of transcript AGAP011958-RA	CR536062;BX609739; CR526178;BX614654; CR526179;BM639308; BX609685;BX625567; BX625012;BX618641; CR531268;CR531269	SNAP_ANOPHELES000013413	-	-
202	KLINSVAPNPPTASYAEALECFTK	C21(Carbamidomethyl)	76	1	2621.32431	3L:-:35586331-35586260	Intron of transcript AGAP011958-RA	AL930777;CR536062; BX609739;CR526178; BX614654;CR526179; BM639308;BX621304; BM631723;BX609685; BX625567;BX625012; BX618641	SNAP_ANOPHELES000013413	-	-
203	LSEVNWITR	-	78	2	559.30402	3L:-:35586358-35586332	Intron of transcript AGAP011958-RA	AL930777;CR536062; BX609739;CR526178; BX614654;CR526179; BM639308;BX621304; BM631723;BX609685; BX625567;BX625012; BX618641;BM621241; BX620653;CR531268; CR531269	SNAP_ANOPHELES000013413	-	-
204	AVALNGTSDPGIWHMLGQFNYK	N5(Deamidated), M15(Oxidation)	71	1	2436.16751	3L:-:35586424-35586359	Intron of transcript AGAP011958-RA	AL930777;CR536062; BX609739;CR526178; CR526179;BM639308; BX621304;BM631723; BX609685;BX625567; BX625012;BX618641; BX620653;CR531268; CR531269	SNAP_ANOPHELES000013413	-	-
205	AALDGVTER	-	69	1	931.48668	3L:-:35586490-35586464	Intron of transcript AGAP011958-RA	AL930777;CR536062; BX614654;CR526179; BM639308;BX621304; BM631723;BX609685; BX625567;BX625012; BX618641;BM621241; BM642230;BX620653; CR531268;CR531269; AL931316;BX614430	SNAP_ANOPHELES000013413	-	-
206	EAFGHASAALDTDGDNFGANK	-	121	1	2107.93096	3L:-:35586580-35586518	Intron of transcript AGAP011958-RA	AL930777;CR536062; BX614654;CR526179; BX621304;BM631723; BX609685;BX625567; BX625012;BM621241; BM642230;BX620653; CR531269;AL931316; BX614430;BM581223	SNAP_ANOPHELES000013413	-	-
207	YSLGVGEGETNLPDGK	-	79	1	1635.79326	3L:-:36669519-36669472	Intron of transcript AGAP012027-RA	BX608592	SNAP_ANOPHELES000018194	-	-
208	SASVSSPGPSADSTTNSAATNDPLR	-	124	1	2390.10576	3L:-:37220105-37220031	Intron of transcript AGAP012064-RA	-	SNAP_ANOPHELES000017259	-	-
209	VLTDTGQLQSIK	-	77	1	1302.72649	3L:-:39410135-39410100	Intron of transcript AGAP012253-RA	BM602203	SNAP_ANOPHELES000017588	-	-
210	GYWFSVELGR	-	63	2	607.30511	3L:-:4027666-4027637	Intron of transcript AGAP010469-RA	-	-	-	-
211	VELYEGKPHEIINTYTEAVHTVQPK	-	90	1	2895.49802	3L:-:41143290-41143216	Intron of transcript AGAP012369-RA	-	SNAP_ANOPHELES000007760	-	-
212	SNHQLWNELCELISK	C10(Carbamidomethyl)	52	3	624.31238	3L:-:41143737-41143693	Intron of transcript AGAP012369-RA	-	SNAP_ANOPHELES000007760	CPIJ005885-PA	-
213	LPIQAKNYR	Q4(Deamidated), N7(Deamidated)	67	1	1104.59343	3L:-:4781260-4781234	Intron of transcript AGAP010485-RA	-	-	-	-
214	VAASTAEPDEEVNGAEEQK	-	67	2	987.45313	3L:-:5820943-5820887	Intron of transcript AGAP010536-RA	BM600659;BM610690	SNAP_ANOPHELES000006765	-	-
215	ISFLSTIIK	-	50	1	1021.63127	3L:-:5841006-5840980	Intron of transcript AGAP010540-RA	-		- -	-

216	LKEELIMPSWK	-	52	1	1373.76689	3L:-:7473201-7473169	Intron of transcript AGAP010628-RA, Intron of transcript AGAP010628-RB	-	-	-	-
217	SPPPSTVQSPPPPILQSPPPTIHITR	-	153	1	2741.50797	3L:-:7642049-7641972	Intron of transcript AGAP010630-RA	BM632580;BM588041; BM629709;BM635307; CR530286;BM578909; BM650594;BX611018; BM619437;BX617282; BM651690;CR532620; BM649865;BM628063	SNAP_ANOPHELES000000002840	-	-
218	SYITDESK	-	50	1	942.44036	3L:-:8103272-8103249	Intron of transcript AGAP010657-RA	-	SNAP_ANOPHELES000000017726	-	-
219	DVTIYHSDEVK	-	80	1	1305.63054	3L:-:8113895-8113863	Intron of transcript AGAP010657-RA	-	SNAP_ANOPHELES000000017729	-	-
220	IPVLGFAETAER	-	66	1	1302.70683	3L:-:8733762-8733727	Intron of transcript AGAP010701-RA	BM638247;BM576755	-	CPIJ011041-PA	AAEL003970-PA
221	TRIPVLGFAETAER	-	80	1	1559.85349	3L:-:8733768-8733727	Intron of transcript AGAP010701-RA	BM638247;BM576755	-	CPIJ011041-PA	AAEL003970-PA
222	AQNLNLAPSVPGQGCFR	C15(Carbamidomethyl)	58	1	1828.92266	3L:-:9890736-9890686	Intron of transcript AGAP010758-RA	-	SNAP_ANOPHELES000000013038	-	-
223	NCLSTLPEVEQQK	C2(Carbamidomethyl)	72	2	773.38171	3L:+:10277696-10277734	Intron of transcript AGAP010781-RA	-	-	-	-
224	IVDDHVER	-	60	1	982.49584	3L:+:10277918-10277941	Intron of transcript AGAP010781-RA	-	-	-	-
225	VDLQDHVGDVCAGNPFCYACYR	C11(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl)	68	1	2616.10709	3L:+:10277951-10278016	Intron of transcript AGAP010781-RA	-	-	-	-
226	SGCNGLEEDTLK	C3(Carbamidomethyl)	59	2	661.79858	3L:+:10278017-10278052	Intron of transcript AGAP010781-RA	-	-	-	-
227	GCLTTLEIDEQNECR	C2(Carbamidomethyl), C14(Carbamidomethyl)	106	2	919.40552	3L:+:10278254-10278298	Intron of transcript AGAP010781-RA	-	-	-	-
228	NCLSTLEDIEQQK	C2(Carbamidomethyl)	96	2	789.37671	3L:+:10278808-10278846	Intron of transcript AGAP010781-RA	-	-	-	-
229	GCLSSLSEEMQR	C2(Carbamidomethyl)	66	2	698.81409	3L:+:10279356-10279391	Intron of transcript AGAP010781-RA	-	-	-	-
230	GCLSSLSEEMQR	C2(Carbamidomethyl), M10(Oxidation)	66	2	706.81171	3L:+:10279356-10279391	Intron of transcript AGAP010781-RA	-	-	-	-
231	SDVQDCDHPQQSPFECR	C6(Carbamidomethyl), C16(Carbamidomethyl)	69	1	2104.84038	3L:+:10279792-10279842	Intron of transcript AGAP010781-RA	-	-	-	-
232	NDQCFTMVDR	C4(Carbamidomethyl), M7(Oxidation)	60	2	651.26587	3L:+:10279849-10279878	Intron of transcript AGAP010781-RA	-		- -	-
233	NDQCFTMVDR	C4(Carbamidomethyl)	50	2	643.26813	3L:+:10279849-10279878	Intron of transcript AGAP010781-RA	-		- -	-
234	GCVSDLDLNDCLDGDR	C2(Carbamidomethyl), C11(Carbamidomethyl)	106	2	912.38013	3L:+:10279897-10279944	Intron of transcript AGAP010781-RA	-	SNAP_ANOPHELES000000013429	-	-
235	YCQQYEENGGCYAK	C2(Carbamidomethyl), N8(Deamidated), C11(Carbamidomethyl)	72	1	1770.67217	3L:+:10280062-10280103	Intron of transcript AGAP010781-RA	-	SNAP_ANOPHELES000000013429	-	-

236	GCTSELEELPCDDPQACVR	C2(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl)	71	2	1118.47034	3L:+:10280202-10280258	Intron of transcript AGAP010781-RA	-	SNAP_ANOPHELES000000013429	-	-
237	DSWLQCVQCR	C6(Carbamidomethyl), C9(Carbamidomethyl)	67	2	676.29791	3L:+:10281136-10281165	Intron of transcript AGAP010781-RA	BM600685	-	-	-
238	SLVVDHYCSR	C8(Carbamidomethyl)	59	1	1235.58318	3L:+:10281166-10281195	Intron of transcript AGAP010781-RA	BM600685	-	-	-
239	IGVVLFQFR	-	52	2	539.82227	3L:+:12324070-12324096	Intron of transcript AGAP010872-RA	-	SNAP_ANOPHELES000000010305	CPIJ017392-PA	AAEL008139-PA,AAEL014160-PA
240	TFLDDLDGHVAR	-	80	2	679.84045	3L:+:12324097-12324132	Intron of transcript AGAP010872-RA	BX469543	SNAP_ANOPHELES000000010305	CPIJ017392-PA	AAEL008139-PA,AAEL014160-PA
241	AASCLLCGVPRLPVAAGAIER	C4(Carbamidomethyl), C7(Carbamidomethyl)	48	1	2181.19077	3L:+:13793870-13793932	Intron of transcript AGAP010957-RA	-	-	-	-
242	HIDTASLYQNEAEVGQAIR	-	145	1	2115.04448	3L:+:15780607-15780663	Intron of transcript AGAP011052-RA	BX623127;AJ285181;AJ285490;BX768374;BM594123;BX469508;BX628038;BX625741;BX622636;AL932891;BX625286;AJ285771;BX468247	SNAP_ANOPHELES000000011957	-	-
243	REDIFLTTK	-	63	1	1122.61504	3L:+:15780691-15780717	Intron of transcript AGAP011052-RA	AL693671;BX623127;BX603550;AJ285181;AJ285490;BX768374;BX469508;AL934641;BX628038;BX625741;BX622636;AL932891;BX625286;AJ285771;BX468247	SNAP_ANOPHELES000000011957	-	-
244	GGILISNCECLK	C8(Carbamidomethyl), C10(Carbamidomethyl)	76	1	1363.67156	3L:+:16938135-16938170	Intron of transcript AGAP011100-RA	BM635610;BM617602;BM649443;BM631391;AL934487;BM624856;BX616685	-	-	-
245	GGILISNCECLKR	C8(Carbamidomethyl), C10(Carbamidomethyl)	81	1	1519.77275	3L:+:16938135-16938173	Intron of transcript AGAP011100-RA	BM635610;BM617602;BM649443;BM631391;AL934487;BM624856;BX616685	-	-	-
246	DALGGSSPGGGAGLGEK	-	82	2	715.35077	3L:+:20252791-20252841	Intron of transcript AGAP011255-RA	-	SNAP_ANOPHELES000000012203	-	-
247	NVEQEQTIEYWR	-	75	1	1594.75762	3L:+:20762122-20762157	Intron of transcript AGAP011302-RA	-	SNAP_ANOPHELES000000006722	-	-
248	YALDETVEFAK	-	92	1	1285.63152	3L:+:20763100-20763132	Intron of transcript AGAP011302-RA	-	SNAP_ANOPHELES000000006722	-	-
249	DNSVPEETPEGVAK	-	53	1	1471.69316	3L:+:21143673-21143714	Intron of transcript AGAP011331-RA	-	SNAP_ANOPHELES000000011561	-	-
250	VGDVDNRPVQQGFR	-	73	1	1586.80075	3L:+:23266432-23266473	Intron of transcript AGAP011386-RA	AJ280831;BM606566;BX050281;ncbi_AJ280831;BX039839	SNAP_ANOPHELES000000015489	-	-
251	YQSGDFGHCPR	C9(Carbamidomethyl)	81	1	1323.55425	3L:+:24720048-24720080	Intron of transcript AGAP011438-RA	BM643757;BM599956;BM605399;CD747372;CD747371;BM612926;BM605093;BM635911;BX071027;BX071028;BM630194;BM577847;BM577843;BM597034;BM612114;BM579153;BM645405	SNAP_ANOPHELES000000012387	CPIJ014996-PA	AAEL017447-PB,AAEL017447-PC,AAEL017447-PA,AAEL017447-PD
252	SIIVHTK	-	47	1	797.48479	3L:+:31197880-31197900	Intron of transcript AGAP011667-RA	-	-	-	-

253	NHINAVGLTVAR	-	56	1	1264.71575	3L:+:31308304-31308339	Intron of transcript AGAP011682-RA	-	-	-	-
254	NHINAVGAAVAR	-	82	1	1192.65886	3L:+:31310075-31310110	Intron of transcript AGAP011682-RA	-	-	-	-
255	LNTVVALDPALPLFSINDPGNR	-	70	2	1168.63965	3L:+:31310228-31310293	Intron of transcript AGAP011682-RA	-	-	-	-
256	DTPQVVGLNDAGSLSGSNFNAAHPTR	-	82	1	2625.27884	3L:+:31316249-31316326	Intron of transcript AGAP011682-RA	BM629277	SNAP_ANOPHELES000013753	-	-
257	FIIHGWNNDGFSEVNMILK	M16(Oxidation)	54	1	2250.11496	3L:+:31316327-31316383	Intron of transcript AGAP011682-RA	AL930775;AL931366;BM629277	SNAP_ANOPHELES000013753	-	-
258	ALDSDYFCK	C8(Carbamidomethyl)	67	1	1118.48247	3L:+:33867995-33868021	Intron of transcript AGAP011827-RA	BM593083;AL693680;AL694643;BX607471;BM591839;BM600074;BM652257;BX467454;BX768516;BX626919;BX609812;BX606370;BX621599;AL694732;BX049900;BX625906	SNAP_ANOPHELES000007941	CPIJ018065-PA	AAEL002296-PA
259	VTTSAALGQQR	-	84	2	566.31128	3L:+:36303678-36303710	Intron of transcript AGAP012013-RA	-	SNAP_ANOPHELES000001155	-	-
260	TLDSTIHCDGPDKEIYCR	C8(Carbamidomethyl), C17(Carbamidomethyl)	145	1	2179.97458	3L:+:39984011-39984064	Intron of transcript AGAP012305-RA	BM578090	-	-	-
261	GYGHSGISSLGLMSDAR	M13(Oxidation)	120	1	1723.80852	3L:+:39984930-39984980	Intron of transcript AGAP012305-RA	BM578090;BM628548	-	-	-
262	GYGHSGISSLGLMSDAR	-	116	1	1707.81267	3L:+:39984930-39984980	Intron of transcript AGAP012305-RA	BM578090;BM628548	-	-	-
263	ALLIATDVAAR	-	55	2	557.33478	3L:+:8752660-8752692	Intron of transcript AGAP010702-RA	BX620838;BX620066;AL932850;BX627494	SNAP_ANOPHELES000014248	CPIJ012510-PA	AAEL008728-PA
264	IIILSLRR	-	42	1	983.66277	3R:-:11007986-11007963	Intron of transcript AGAP008473-RA	-	-	-	-
265	IILSLTIR	-	50	2	464.81198	3R:-:12160753-12160730	Intron of transcript AGAP008538-RA	-		- -	-
266	GGVYFVAELPK	-	89	1	1179.64226	3R:-:12404271-12404239	Intron of transcript AGAP008544-RA	-	SNAP_ANOPHELES000009970	-	-
267	IDALLAPTGGR	-	50	1	1083.61589	3R:-:12404832-12404800	Intron of transcript AGAP008544-RA	-	SNAP_ANOPHELES000009970	-	-
268	FLALGGSHVPEELRDR	-	76	1	1795.94338	3R:-:12404880-12404833	Intron of transcript AGAP008544-RA	-	SNAP_ANOPHELES000009970	-	-
269	FLALGGSHVPEELR	-	56	2	762.91357	3R:-:12404880-12404839	Intron of transcript AGAP008544-RA	-	SNAP_ANOPHELES000009970	-	-
270	KPFNEEQFLEAVEK	-	74	2	854.43494	3R:-:12405015-12404974	Intron of transcript AGAP008544-RA	-	SNAP_ANOPHELES000009970	-	-
271	HPQQQLANR	Q4(Deamidated), Q5(Deamidated)	55	1	1093.53044	3R:-:12990662-12990636	Intron of transcript AGAP008569-RA	-	-	-	-
272	ILVLHARLR	-	29	1	1090.73371	3R:-:13387057-13387031	Intron of transcript AGAP008588-RA	-	-	-	-
273	KWLLTLLK	N-Term(Acetyl)	35	1	1056.69499	3R:-:14281498-14281475	Intron of transcript AGAP008656-RA	-		- -	-
274	TVNEALLLWDNR	-	65	2	722.38171	3R:-:16028392-16028357	Intron of transcript AGAP008720-RA	-	SNAP_ANOPHELES000002714	-	-
275	NWVSELSR	-	53	1	990.48932	3R:-:16039968-16039945	Intron of transcript AGAP008721-RA	-	-	-	-
276	DAKWIDFFLNR	-	53	2	712.86761	3R:-:17214720-17214688	Intron of transcript AGAP008764-RA	-	-	-	-
277	TAAAPTVNTSFMANLFR	-	103	1	1811.91557	3R:-:17368408-17368358	Intron of transcript AGAP008769-RA	-	SNAP_ANOPHELES000005386	-	-
278	NICANNGIAHNNPLDIE	C3(Carbamidomethyl)	67	1	1878.88030	3R:-:17377455-17377405	Intron of transcript AGAP008769-RA	CR526223;BM650064;CR533972;CR531146;CR527375;CR527376;CR529953;CR529952;BX624752;CR527648;CR527647;BX768815	SNAP_ANOPHELES000005411	-	-

279	NICANNGIAHNNPLDIE	C3(Carbamidomethyl), N6(Deamidated)	71	1	1879.86382	3R:-:17377455-17377405	Intron of transcript AGAP008769-RA	CR526223;BM650064; CR533972;CR531146; CR527375;CR527376; CR529953;CR529952; BX624752;CR527648; CR527647;BX768815	SNAP_ANOPHELES000000005411	-	-
280	KINTDSFVK	-	68	1	1051.57768	3R:-:17377512-17377486	Intron of transcript AGAP008769-RA	BM621805;CR526223; BM650064;CR533972; CR531146;CR527375; CR527376;CR529953; CR529952;BX624752; CR527648;BM610693; CR527647;BX768815	SNAP_ANOPHELES000000005411	-	-
281	DLPSAEHEVLMTK	-	77	1	1469.73918	3R:-:17377670-17377632	Intron of transcript AGAP008769-RA	BM621805;CR526223; BM650064;CR531146; CR527375;CR527376; CR529953;CR529952; CR527648;BM610693; BX609083;BX768815	SNAP_ANOPHELES000000005411	-	-
282	DLPSAEHEVLMTK	M11(Oxidation)	81	1	1485.72649	3R:-:17377670-17377632	Intron of transcript AGAP008769-RA	BM621805;CR526223; BM650064;CR531146; CR527375;CR527376; CR529953;CR529952; CR527648;BM610693; BX609083;BX768815	SNAP_ANOPHELES000000005411	-	-
283	LADAAIDTYAMAVVLSR	-	122	1	1779.93743	3R:-:17377742-17377692	Intron of transcript AGAP008769-RA	BM621805;CR526223; BM591422;BX606940; BM650064;CR531146; CR527648;BM610693; BX609083;BX768815	SNAP_ANOPHELES000000005411	CPIJ016454-PA	AAEL004739-PA
284	LADAAIDTYAMAVVLSR	M11(Oxidation)	94	2	898.47119	3R:-:17377742-17377692	Intron of transcript AGAP008769-RA	BM621805;CR526223; BM591422;BX606940; BM650064;CR531146; CR527648;BM610693; BX609083;BX768815	SNAP_ANOPHELES000000005411	CPIJ016454-PA	AAEL004739-PA
285	IVDEQFLLNR	-	73	2	623.84326	3R:-:17377772-17377743	Intron of transcript AGAP008769-RA	BM621805;BM591422; BX606940;BM650064; CR527648;BM610693; BX609083;BX768815	SNAP_ANOPHELES000000005411	-	-
286	KIVDEQFLLNR	-	79	2	687.89160	3R:-:17377775-17377743	Intron of transcript AGAP008769-RA	BM621805;BM591422; BX606940;BM650064; CR527648;BM610693; BX609083;BX768815	SNAP_ANOPHELES000000005411	-	-
287	SIGYGGTDLSAFVADPLKVPAK	-	120	1	2206.18071	3R:-:17377907-17377842	Intron of transcript AGAP008769-RA	BM621805;BM591422; BX603061;BX602406; BM610693;BX609083	SNAP_ANOPHELES000000005411	-	-
288	SIGYGGTDLSAFVADPLK	-	162	1	1810.92192	3R:-:17377907-17377854	Intron of transcript AGAP008769-RA	BM621805;BM591422; BX603061;BX602406; BM610693;BX609083	SNAP_ANOPHELES000000005411	-	-
289	NPATNMGLIFK	-	56	2	603.32239	3R:-:17377964-17377932	Intron of transcript AGAP008769-RA	BX607119;BM621805; BM591422;BM652973; BX603061;BX602406; BM604699;BM610693; BX609083	SNAP_ANOPHELES000000005411	-	-

290	NPATNMGLIFK	M6(Oxidation)	57	1	1221.63127	3R:-:17377964-17377932	Intron of transcript AGAP008769-RA	BX607119;BM621805; BM591422;BM652973; BX603061;BX602406; BM604699;BM610693; BX609083	SNAP_ANOPHELES000000005411	-	-
291	AFKNPATNMGLIFK	M9(Oxidation)	79	1	1567.82755	3R:-:17377973-17377932	Intron of transcript AGAP008769-RA	BX607119;BM621805; BM591422;BM652973; BX603061;BX602406; BM604699;BM610693; BX609083	SNAP_ANOPHELES000000005411	-	-
292	LFVALTGIQYAGSHLK	-	131	1	1717.96318	3R:-:17378033-17377986	Intron of transcript AGAP008769-RA	BX607119;BM621805; BM591422;BM652973; BX603061;BM635298; BX602406;BM604699; BM610693;BX609083	SNAP_ANOPHELES000000005411	CPIJ016451-PA	AAEL004739-PA,AAEL004778-PA
293	IFEGTNDILR	-	65	1	1177.62419	3R:-:17378063-17378034	Intron of transcript AGAP008769-RA	BX607119;BM621805; BM591422;BM652973; BX603061;BM635298; BX602406;BM604699; BX613862;BM610693	SNAP_ANOPHELES000000005411	CPIJ016454-PA	AAEL004739-PA
294	KIETFGGVQEK	-	69	2	618.33545	3R:-:17378327-17378295	Intron of transcript AGAP008769-RA	BM587908;BM591422; BM652973;BM635298; BX766098;BM604699	SNAP_ANOPHELES000000005411	-	-
295	FGMAATLSGTMR	-	61	2	621.80347	3R:-:17378417-17378382	Intron of transcript AGAP008769-RA	BM587908;BX603443; BM635298;BX766098; BM604699	SNAP_ANOPHELES000000005411	-	AAEL004739-PA
296	FGMAATLSGTMR	M3(Oxidation), M11(Oxidation)	94	1	1274.58611	3R:-:17378417-17378382	Intron of transcript AGAP008769-RA	BM587908;BX603443; BM635298;BX766098; BM604699	SNAP_ANOPHELES000000005411	-	AAEL004739-PA
297	FGMAATLSGTMR	M3(Oxidation)	54	2	629.79901	3R:-:17378417-17378382	Intron of transcript AGAP008769-RA	BM587908;BX603443; BM635298;BX766098; BM604699	SNAP_ANOPHELES000000005411	-	AAEL004739-PA
298	CSNTAEVYFEDVKIPAENVLGGEGNGFK	C1(Carbamidomethyl), N25(Deamidated)	86	1	3045.42716	3R:-:17378531-17378448	Intron of transcript AGAP008769-RA	BM587908;BX603443; BM635298;BX766098	SNAP_ANOPHELES000000005411	-	-
299	CSNTAEVYFEDVKIPAENVLGGEGNGFK	C1(Carbamidomethyl)	209	1	3044.44059	3R:-:17378531-17378448	Intron of transcript AGAP008769-RA	BM587908;BX603443; BM635298;BX766098	SNAP_ANOPHELES000000005411	-	-
300	CSNTAEVYFEDVK	C1(Carbamidomethyl)	99	2	781.34619	3R:-:17378531-17378493	Intron of transcript AGAP008769-RA	BM636663;BM587908; BM583381;BX603443; BM635298;BX766098	SNAP_ANOPHELES000000005411	-	-
301	GFGGVSSGPPENK	-	91	2	616.79956	3R:-:17378582-17378544	Intron of transcript AGAP008769-RA	BM636663;BM587908; BX603443;BX766098	SNAP_ANOPHELES000000005411	-	-
302	SADGKHYVLNGSK	-	64	1	1375.69901	3R:-:17378738-17378700	Intron of transcript AGAP008769-RA	BM636663;BM587908; BM583381;BM636150; BX603443;BM633398	SNAP_ANOPHELES000000005411	CPIJ016454-PA	-
303	VYAAFALTEPSSGSDAGSIR	-	97	1	1998.98345	3R:-:17378813-17378754	Intron of transcript AGAP008769-RA	BM636663;BM587908; BM583381;BM636150; BX603443;BM632517; BM633398	SNAP_ANOPHELES000000005411	CPIJ016454-PA	-
304	NDVNASIDEK	-	54	2	552.76123	3R:-:17379290-17379261	Intron of transcript AGAP008769-RA	BM646869;BM636150; BM585472;BX603443; BM645173;BM632517; BM633398;BM651423; BM579535;BM602284	SNAP_ANOPHELES000000005411	-	-
305	INNIMQNINKTLK	M5(Oxidation), Q6(Deamidated), N7(Deamidated), N9(Deamidated)	52	2	781.91302	3R:-:17436565-17436527	Intron of transcript AGAP008775-RA	-	-	-	-

306	TYDVLQNLLSR	-	65	1	1321.71245	3R:-:208037-208005	Intron of transcript AGAP007744-RA	CR532369;BM631221; CR530440	SNAP_ANOPHELES000001336	-	-
307	LTTDDAMYGDDR	-	83	2	686.78809	3R:-:208428-208393	Intron of transcript AGAP007744-RA	BM604628;BM601745; BM642723;BM631221	-	-	-
308	DPGAARNAQQLQK	Q9(Deamidated), Q10(Deamidated) , Q12(Deamidated)	50	1	1399.68559	3R:-:2154959-2154921	Intron of transcript AGAP007854-RA	-	-	-	-
309	IDRPADTQQVLGVFWIR	-	58	1	2014.09806	3R:-:26190201-26190151	Intron of transcript AGAP009122-RA	BX623836;AL932217; AL931293;AL932216	SNAP_ANOPHELES000012076	-	-
310	LGAISPELAAAFQESSGR	-	97	2	902.46753	3R:-:26194089-26194036	Intron of transcript AGAP009122-RA	BX609396;BM656743; AL692356;BM633861; BM648899;BX608647; BM645613;BM626103	SNAP_ANOPHELES000012079	-	-
311	VLLAGSAVKPHAAPAPKPTV	-	143	1	1924.13907	3R:-:26194627-26194568	Intron of transcript AGAP009122-RA	BM614922;BM625218; BX616160;CR526232; BM593860;BM582644; BX612703;BM625236; BM647142;BM616776; BM600597;BM599660; BX611884;BM620393; BM592250;BX616547; BM625191;ncbi_BM600288;BM625510;BM600288;CR534847;BM637736;BX616005;BM637916;BM602726;CR535552;BX069959;BX069958;AL932366;BX612842;BM651862;BM577580;BX611994;BM615059;ncbi_BM582644;BM645791;BM595128;BM629573;BM648409;AL930436;CR529877;CR529878;CR536276;BM650657;BX611741;BX611742;BX608694	-	-	-

312	LGDQPLADINPELAAAFREPVAR	-	78	1	2463.30667	3R:-:26194876-26194808	Intron of transcript AGAP009122-RA	BM614922;BM625218;BX616160;CR526232;BM593860;BM582644;BM643307;BX616950;BX612703;BM625236;BM647142;BM616776;BM600597;BM599660;BX611884;BM620393;AL693752;AL934688;BM592250;BX616547;BM625191;ncbi_BM600288;BM625510;BM600288;CR534847;BM637736;BX616005;BX468318;BM602726;CR535552;BM625964;BX069958;AL932366;BX612842;BM651862;BM577580;BX611994;BM615059;ncbi_BM582644;BM645791;BM595128;BM629573;BM648409;AL930436;BM624368;CR529877;CR529878;CR536276;BM650657;BX611741;BX611742;BX608694	SNAP_ANOPHELES000012079	-	-
313	LGDQPLADINPELAAAFR	-	145	1	1911.00054	3R:-:26194876-26194823	Intron of transcript AGAP009122-RA	BM614922;BM625218;BX616160;CR526232;BM593860;BM582644;BM643307;BX616950;BX612703;BM625236;BM647142;BM616776;BM600597;BM599660;BX611884;BX610083;BM620393;AL693752;AL934688;BM592250;BX616547;BM625191;ncbi_BM600288;BM625510;BM600288;CR534847;BM637736;BX616005;BX468318;BM602726;CR535552;BM625964;BX069958;AL932366;BX612842;BM651862;BM577580;BX611994;BM615059;ncbi_BM582644;BM645791;BM595128;BM629573;BM648409;AL930436;BM624368;BX616750;CR529877;CR529878;CR536276;BM650657;BX611741;BX611742;BX608694	SNAP_ANOPHELES000012079	-	-

314	LGDQPLADINPELAAAFR	Q4(Deamidated)	128	1	1911.98662	3R:-:26194876-26194823	Intron of transcript AGAP009122-RA	BM614922;BM625218; BX616160;CR526232; BM593860;BM582644; BM643307;BX616950; BX612703;BM625236; BM647142;BM616776; BM600597;BM599660; BX611884;BX610083; BM620393;AL693752; AL934688;BM592250; BX616547;BM625191; ncbi_BM600288;BM62 5510;BM600288;CR53 4847;BM637736;BX61 6005;BX468318;BM60 2726;CR535552;BM62 5964;BX069958;AL932 366;BX612842;BM651 862;BM577580;BX611 994;BM615059;ncbi_B M582644;BM645791;B M595128;BM629573;B M648409;AL930436;B M624368;BX616750;C R529877;CR529878;C R536276;BM650657;B X611741;BX611742;B X608694	SNAP_ANOPHELES00 000012079	-	-
315	ATFSELLVSGPSK	-	78	2	668.36145	3R:-:31924493-31924455	Intron of transcript AGAP009388-RA	BX617476;CR535925; BM653862;CR528071; CR528070;BM603457; BM631953;BM624607; BM629274	SNAP_ANOPHELES00 000015604	-	-
316	YSLQTCPEHR	C6(Carbamidomet hyl)	58	1	1290.59148	3R:-:3327254-3327225	Intron of transcript AGAP007960-RA	-		- -	-
317	EHIMSSESEYPK	M4(Oxidation)	70	1	1452.63201	3R:-:3327359-3327324	Intron of transcript AGAP007960-RA	-		- -	-
318	TNCPFVQYVLAK	C3(Carbamidomet hyl)	77	1	1439.73577	3R:-:3327533-3327498	Intron of transcript AGAP007960-RA	-		- -	-
319	LSEGLKEINATEK	-	94	1	1431.77410	3R:-:3327572-3327534	Intron of transcript AGAP007960-RA	BM579124	-	-	-
320	IHQPQDLQSSSMLPMHQQAQLSLPVMSK	M12(Oxidation), M15(Oxidation), M26(Oxidation)	83	1	3207.55434	3R:-:3327944-3327861	Intron of transcript AGAP007960-RA	BM579124	-	-	-
321	LLCQNVDSGHQCQVNLR	C3(Carbamidomet hyl), C12(Carbamidom ethyl)	131	1	2040.97099	3R:-:3328070-3328020	Intron of transcript AGAP007960-RA	BM579124;AL931929	-	-	-
322	RPASDANCPDYIYIPLK	C8(Carbamidomet hyl)	58	1	1992.98893	3R:-:35059008-35058958	Intron of transcript AGAP009515-RA	-	SNAP_ANOPHELES00 000018827	-	-
323	AKPSVQNKENNALDANDEVLLNTIIR	-	53	1	2879.53213	3R:-:35059509-35059432	Intron of transcript AGAP009515-RA	-	SNAP_ANOPHELES00 000018827	-	-
324	LDAGVYDAVEPLHVPTIDVTSLK	-	114	1	2452.30460	3R:-:35059626-35059558	Intron of transcript AGAP009515-RA	-	SNAP_ANOPHELES00 000018827	-	-
325	NPLSITLGPPIPPRPEHAK	-	57	1	2034.15616	3R:-:35059683-35059627	Intron of transcript AGAP009515-RA	-	SNAP_ANOPHELES00 000018827	-	-
326	ILAPTRPR	-	42	1	923.56621	3R:-:35060327-35060304	Intron of transcript AGAP009515-RA	BM599282;BM628573	-	-	-
327	DVSVAVDDIFAATDK	-	57	2	783.38995	3R:-:35072274-35072230	Intron of transcript AGAP009515-RA	BM620306;BM623510; BX033677	SNAP_ANOPHELES00 000018844	-	-
328	YLNGYESVNSISMLQNLDYSMYNHNLLR	M13(Oxidation), M21(Oxidation)	97	1	3383.57407	3R:-:35072421-35072338	Intron of transcript AGAP009515-RA	BM620306;BM623510; BX033677	SNAP_ANOPHELES00 000018844	-	-
329	SDTVASTTLQQLQK	-	64	2	760.40411	3R:-:35313462-35313421	Intron of transcript AGAP009522-RA	BX623506;AJ285888	SNAP_ANOPHELES00 000021276	-	-
330	GYTFLIIFR	-	65	2	565.31702	3R:-:35498932-35498906	Intron of transcript AGAP009534-RA	-		- -	-

331	TATAEGEPDDDDK	-	48	2	682.27747	3R:-:36064940-36064902	Intron of transcript AGAP009554-RA	BM655714	SNAP_ANOPHELES000000001501	-	-
332	IEQPVEDQPEEDGSGER	-	60	2	957.42114	3R:-:36071265-36071215	Intron of transcript AGAP009554-RA	-		- -	-
333	IAQAMEVILPVTEHDFDAPASELNK	-	54	1	2738.38419	3R:-:36073347-36073273	Intron of transcript AGAP009554-RA	-	-	-	-
334	IAQAMEVILPVTEHDFDAPASELNK	M5(Oxidation)	125	1	2754.37186	3R:-:36073347-36073273	Intron of transcript AGAP009554-RA	-	-	-	-
335	DAAPTSELDQPK	-	71	1	1271.61370	3R:-:36073548-36073513	Intron of transcript AGAP009554-RA	-	-	-	-
336	VSLPDVKPDVVPLEPIVQETPNEEFVR	-	46	1	3045.62674	3R:-:36078957-36078877	Intron of transcript AGAP009554-RA	-	SNAP_ANOPHELES000000001502	-	-
337	RPAVQQSVTPKPEPAFK	-	50	1	1880.04233	3R:-:36082542-36082492	Intron of transcript AGAP009554-RA	-	SNAP_ANOPHELES000000001503	-	-
338	SSSNLPLSR	N4(Deamidated)	67	2	481.25070	3R:-:36086502-36086476	Intron of transcript AGAP009554-RA	-		- -	-
339	IFENFPVLDELGSK	-	60	1	1607.82988	3R:-:37670748-37670707	Intron of transcript AGAP009659-RA	BM649727;BM636300	SNAP_ANOPHELES000000002365	CPIJ017606-PA	-
340	VYNVGFNDPK	-	61	2	576.78766	3R:-:37679536-37679507	Intron of transcript AGAP009660-RA	BX614675;BX025611; BX027596;BX057015; BX603012;BM600820; BX044462;BX024529; BX024528;BX015370; BX015371;BX058794; BX058793;BX062282; BX062283;BX614337; BX049788;BX049789; BX058890;BX058891; BX621218;BM595626; BX625932;BX025612;	SNAP_ANOPHELES000000002366	-	-
341	AVGEILEQAVDK	-	105	1	1271.68523	3R:-:38180692-38180657	Intron of transcript AGAP009672-RA	BM585862;BX766177; BM635655;BM613325; BM613915	SNAP_ANOPHELES000000021500	-	-
342	LLQNLISKR	Q3(Deamidated), N4(Deamidated)	54	1	1086.65422	3R:-:38205871-38205845	Intron of transcript AGAP009672-RA	-	-	-	-
343	LLITIVCIK	C7(Carbamidomethyl)	40	1	1072.67558	3R:-:39016535-39016509	Intron of transcript AGAP009697-RA	-	-	-	-
344	LSMLSLEQQTDR	M3(Oxidation)	60	1	1436.70610	3R:-:44088899-44088864	Intron of transcript AGAP009840-RA	CR526026;CR526027	SNAP_ANOPHELES000000013618	-	-
345	YGEVEYNPGSVAQR	-	127	1	1568.73589	3R:-:45285608-45285567	Intron of transcript AGAP009917-RA	GO935199	-	-	-
346	IILLFHASR	-	54	1	1069.64472	3R:-:49614257-49614231	Intron of transcript AGAP010158-RA	-	-	-	-
347	VALLLKNK	-	53	2	449.80219	3R:-:49683854-49683831	Intron of transcript AGAP010160-RA	-	-	-	-
348	IEPFTESLRPSPPSTSEEIVELDDEK	-	96	1	2944.43662	3R:-:49921298-49921221	Intron of transcript AGAP010175-RB, Intron of transcript AGAP010175-RA	-		- -	-
349	ISAVDNLSQDDEEIK	-	58	2	838.40674	3R:-:49922915-49922871	Intron of transcript AGAP010175-RB, Intron of transcript AGAP010175-RA	-	SNAP_ANOPHELES000000003238	-	-
350	YHGTWDGTVLSDAHDSVFNIASK	-	145	1	2520.18619	3R:-:50590249-50590181	Intron of transcript AGAP010200-RA	BM613480	-	-	-
351	ESIIAQQLQQLR	Q6(Deamidated)	61	2	714.39948	3R:-:6724341-6724306	Intron of transcript AGAP008200-RA	-		- -	-
352	AVQCIPLLSSK	C4(Carbamidomethyl)	62	2	608.34198	3R:-:8491439-8491407	Intron of transcript AGAP008277-RA	BM580846;BM650296; BM625576	SNAP_ANOPHELES000000005731	-	-
353	LAESLQYSK	-	66	1	1038.54578	3R:-:8491466-8491440	Intron of transcript AGAP008277-RA	BM580846;BM650296; BM625576	SNAP_ANOPHELES000000005731	-	-
354	FFVPPESSNDDRYDIALAK	-	85	1	2184.05913	3R:-:8491523-8491467	Intron of transcript AGAP008277-RA	BM625576	SNAP_ANOPHELES000000005731	-	-
355	HCINQHEPVNYAFAVGSTDPYKGK	C2(Carbamidomethyl)	135	1	2732.28725	3R:-:8491613-8491542	Intron of transcript AGAP008277-RA	BM580846;BM650296; BM625576	SNAP_ANOPHELES000000005731	-	-

356	HCINQHEPVNYAFAVGSTDPYKGK	C2(Carbamidomethyl), N10(Deamidated)	55	3	911.76953	3R:-:8491613-8491542	Intron of transcript AGAP008277-RA	BM580846;BM650296; BM625576	SNAP_ANOPHELES000000005731	-	-
357	HCINQHEPVNYAFAVGSTDPYK	C2(Carbamidomethyl)	120	1	2547.16948	3R:-:8491613-8491548	Intron of transcript AGAP008277-RA	BM580846;BM650296; BM625576	SNAP_ANOPHELES000000005731	-	-
358	DGTFSWGDDAPTLK	-	64	1	1509.69231	3R:+:10729203-10729244	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019609	-	-
359	DNILFGRPFDQAK	-	79	1	1520.78411	3R:+:10729428-10729466	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019609	-	-
360	AVYADSEVYLFDDPLSAVDAHVGK	-	78	3	861.08783	3R:+:10729599-10729670	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019609	-	-
361	EAEWQLGHVDK	-	69	2	656.32019	3R:+:10731135-10731167	Intron of transcript AGAP008437-RA	CR526387	SNAP_ANOPHELES000000019609	-	-
362	KPLTMEEMYDINPQDTSR	M5(Oxidation), M8(Oxidation)	63	1	2199.99101	3R:+:10740420-10740473	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019619	-	-
363	TNIEYKPHSETNGSSLYAMVR	N12(Deamidated), M19(Oxidation)	72	1	2414.13608	3R:+:10740564-10740626	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019619	-	-
364	FLNSAELDPSNVSNNK	-	99	2	874.92596	3R:+:10741631-10741678	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019619	-	-
365	LLVTHGISYLPFVENIFVVK	-	92	1	2288.31260	3R:+:10742225-10742284	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019619	-	-
366	LIQETLKDETAQR	-	74	1	1544.83000	3R:+:10742568-10742606	Intron of transcript AGAP008437-RA	-	SNAP_ANOPHELES000000019619	-	-
367	IQALTNYTPPETK	-	65	2	738.38989	3R:+:10921604-10921642	Intron of transcript AGAP008468-RA	-	SNAP_ANOPHELES000000001464	-	-
368	ESNPFSEEYTR	-	70	2	679.79639	3R:+:10925535-10925567	Intron of transcript AGAP008468-RA	BM656516;ncbi_BM610783;BX606360;BM610783;BM587472;BM595230	SNAP_ANOPHELES000000001466	-	-
369	DAVAPVVASMEVDGEK	M10(Oxidation)	52	2	816.89502	3R:+:11124656-11124703	Intron of transcript AGAP008482-RA	-	SNAP_ANOPHELES000000019759	-	-
370	SFYAMEGKPVCPGCVGADEDE	M5(Oxidation), C11(Carbamidomethyl), C14(Carbamidomethyl)	71	1	2333.94023	3R:+:11946530-11946592	Intron of transcript AGAP008532-RA	BM618409;BM595369; BX604339	SNAP_ANOPHELES000000002744	-	-
371	SFYAMEGKPVCPGCVGADEDE	C11(Carbamidomethyl), C14(Carbamidomethyl)	67	2	1159.47705	3R:+:11946530-11946592	Intron of transcript AGAP008532-RA	BM618409;BM595369; BX604339	SNAP_ANOPHELES000000002744	-	-
372	KIILEFR	-	42	1	918.58025	3R:+:14681825-14681845	Intron of transcript AGAP008675-RA	-	-	-	-
373	AFIAWITEK	-	55	2	539.80066	3R:+:16867709-16867735	Intron of transcript AGAP008747-RA	BM606752	SNAP_ANOPHELES000000005757	-	-
374	DNICQPGYR	C4(Carbamidomethyl)	58	2	561.75342	3R:+:17088760-17088786	Intron of transcript AGAP008752-RA	BM622941;BM640612; BM654148	SNAP_ANOPHELES000000005907	-	-
375	WESGLCFPASAR	C6(Carbamidomethyl)	75	2	690.82202	3R:+:17088787-17088822	Intron of transcript AGAP008752-RA	BM622941;BM635479	SNAP_ANOPHELES000000005907	-	-
376	YASLVNPNAGER	-	55	2	645.82629	3R:+:17762665-17762700	Intron of transcript AGAP008782-RA	BX014317;BX611169	SNAP_ANOPHELES000000006547	-	-
377	VVVEGHSEEDVK	-	63	2	663.83154	3R:+:20512152-20512187	Intron of transcript AGAP008897-RA	BM595832	SNAP_ANOPHELES000000020184	-	-
378	VVVEGHSEEDVKQTTAQLAEK	-	145	1	2297.17014	3R:+:20512152-20512214	Intron of transcript AGAP008897-RA	BM595832	SNAP_ANOPHELES000000020184	-	-
379	MLSQEFAILSEK	-	97	1	1395.72014	3R:+:20512474-20512509	Intron of transcript AGAP008897-RA	BM595832	SNAP_ANOPHELES000000020184	-	-
380	KPTAITPFGLFR	-	57	1	1347.78533	3R:+:20512775-20512810	Intron of transcript AGAP008897-RA	-	SNAP_ANOPHELES000000020184	-	-
381	KLWDELDVQQK	-	85	1	1401.74077	3R:+:20512859-20512891	Intron of transcript AGAP008897-RA	BM604460	SNAP_ANOPHELES000000020184	-	-
382	AFQSQSDQTGTAK	-	106	2	684.82446	3R:+:20512910-20512948	Intron of transcript AGAP008897-RA	BM604460;BX604109	SNAP_ANOPHELES000000020184	-	-
383	EEQSMLQVAAGKPEPIPR	M5(Oxidation)	86	1	1996.01804	3R:+:20512964-20513017	Intron of transcript AGAP008897-RA	BM604460;BX604109	SNAP_ANOPHELES000000020184	-	-
384	LLNTLKPNIYECK	C12(Carbamidomethyl)	48	1	1605.87016	3R:+:21313291-21313329	Intron of transcript AGAP008940-RA	-	SNAP_ANOPHELES000000007843	-	-

385	ASGAGSGRPGGGASGSLPSQSSGHR	-	92	1	2182.03507	3R:+:28096804-28096878	Intron of transcript AGAP009169-RA	-	-	-	-
386	DKDLLPSNG	-	53	1	958.47589	3R:+:2816829-2816855	Intron of transcript AGAP007920-RA	-	-	-	-
387	KMLDQLLIK	Q5(Deamidated)	48	2	551.83679	3R:+:33635469-33635495	Intron of transcript AGAP009453-RA	-	-	-	-
388	QSLSTVQSSHLPDHSTYDQK	-	86	1	2258.06723	3R:+:37407321-37407380	Intron of transcript AGAP009638-RA	-	SNAP_ANOPHELES000000531	-	-
389	TEQFLLHQISVIEK	-	104	1	1684.92986	3R:+:37456024-37456065	Intron of transcript AGAP009639-RA	BM616497;BX619150	SNAP_ANOPHELES000000533	-	-
390	TEQFLLHQISVIEKR	-	54	1	1841.02530	3R:+:37456024-37456068	Intron of transcript AGAP009639-RA	BM616497;BX619150	SNAP_ANOPHELES000000533	-	-
391	IKEIELAQSTASSPVPPNIQAK	-	102	1	2321.27593	3R:+:37456069-37456134	Intron of transcript AGAP009639-RA	BM616497;BX619150	SNAP_ANOPHELES000000533	-	-
392	KIQLDIVER	-	52	1	1113.66631	3R:+:37456150-37456176	Intron of transcript AGAP009639-RA	BM616497;BX619150	SNAP_ANOPHELES000000533	-	-
393	GLYFLNVNMMPPYAR	M9(Oxidation), M10(Oxidation)	90	1	1817.87078	3R:+:3838910-3838954	Intron of transcript AGAP007991-RA	-	SNAP_ANOPHELES000008526	-	-
394	NSTSHDLSLTAR	N-Term(Acetyl)	55	1	1343.63811	3R:+:38604082-38604117	Intron of transcript AGAP009683-RA	-	-	-	-
395	IFCLASVPK	C3(Carbamidomethyl)	59	2	517.78851	3R:+:39164482-39164508	Intron of transcript AGAP009701-RA	BX618318;AL694128;BM598569;AL693362;BX611029;BX612999	SNAP_ANOPHELES000002584	CPIJ005916-PA	AAEL001218-PA
396	RFNLLQLLK	N-Term(Acetyl), N3(Deamidated)	51	1	1187.70452	3R:+:41633688-41633714	Intron of transcript AGAP009725-RA	-	-	-	-
397	YVTDLEAEILAR	-	97	2	696.87415	3R:+:42362613-42362648	Intron of transcript AGAP009752-RA	BM628360	SNAP_ANOPHELES000018750	-	-
398	DLALIHLK	-	40	1	922.57237	3R:+:42448111-42448134	Intron of transcript AGAP009757-RA	-	-	-	-
399	LVTNLLENAPADAVDHFEEYCR	C21(Carbamidomethyl)	78	1	2576.21079	3R:+:44565565-44565630	Intron of transcript AGAP009862-RA	-	SNAP_ANOPHELES000009295	-	-
400	IDFLNPDPFPLPGR	-	66	1	1597.84062	3R:+:44565640-44565681	Intron of transcript AGAP009862-RA	-	SNAP_ANOPHELES000009295	-	-
401	IDFLNPDPFPLPGRR	-	72	1	1753.94126	3R:+:44565640-44565684	Intron of transcript AGAP009862-RA	-	SNAP_ANOPHELES000009295	-	-
402	GLNTIGWDLPR	-	77	2	621.33575	3R:+:44565802-44565834	Intron of transcript AGAP009862-RA	-	SNAP_ANOPHELES000009295	-	-
403	AVSCEFWGILR	C4(Carbamidomethyl)	80	1	1337.66911	3R:+:44565892-44565924	Intron of transcript AGAP009862-RA	-	SNAP_ANOPHELES000009295	-	-
404	DLEGYTVAPSSDSRPEAQK	-	81	1	2049.97515	3R:+:45706847-45706903	Intron of transcript AGAP009938-RA	-	SNAP_ANOPHELES000017782	-	-
405	LLDAGLMLLLR	-	61	2	614.37067	3R:+:47521411-47521443	Intron of transcript AGAP010003-RA	-	-	-	-
406	DCSGTTACIDFK	C2(Carbamidomethyl), C8(Carbamidomethyl)	66	2	687.78723	3R:+:47852523-47852558	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000003867	-	-
407	IACLTGEAPCGANALCSAENHR	C3(Carbamidomethyl), C10(Carbamidomethyl), C16(Carbamidomethyl)	78	1	2372.05588	3R:+:47854470-47854535	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000003867	-	-
408	LSGELILSR	N-Term(Acetyl)	50	2	515.30725	3R:+:47854949-47854975	Intron of transcript AGAP010021-RA	-		- -	-
409	LDNDCFLGHICLAGR	C5(Carbamidomethyl), C11(Carbamidomethyl)	97	1	1760.83207	3R:+:47856106-47856150	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000003867	-	-
410	ASCSCFSGMVPSPTAK	C3(Carbamidomethyl), C5(Carbamidomethyl), M9(Oxidation)	100	1	1702.72624	3R:+:47856280-47856327	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000003867	-	-
411	DCADGTSCIDR	C2(Carbamidomethyl), C8(Carbamidomethyl)	45	1	1269.48174	3R:+:47856373-47856405	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000003867	-	-

412	LCRPVCANDQSCLNNER	C2(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl)	115	1	2105.92856	3R:+:47856406-47856456	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
413	TGEICQGQTCMIGCR	C5(Carbamidomethyl), C10(Carbamidomethyl), M11(Oxidation), C14(Carbamidomethyl)	81	1	1786.74114	3R:+:47856508-47856552	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
414	SDGGCADHLTCSGQQCVDPCQEPTACGTNAECVVVGHR	C5(Carbamidomethyl), C11(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl), C32(Carbamidomethyl)	46	1	4189.70034	3R:+:47856553-47856666	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
415	QCSCPAGLVGDPFSLGCR	C2(Carbamidomethyl), C4(Carbamidomethyl), C17(Carbamidomethyl)	89	2	990.94287	3R:+:47856670-47856723	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
416	NDQNCLADER	C5(Carbamidomethyl)	60	2	617.75861	3R:+:47856808-47856837	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	AAEL012909-PA
417	TVCNSDAACGDGLICEGR	C3(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	105	1	1954.80583	3R:+:47856859-47856912	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
418	DCGCGQTCHR	C2(Carbamidomethyl), C4(Carbamidomethyl), C8(Carbamidomethyl)	66	1	1250.44560	3R:+:47857183-47857212	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
419	TNADCPSER	C5(Carbamidomethyl)	53	1	1049.43291	3R:+:47857297-47857323	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
420	NALCQVSDHR	C4(Carbamidomethyl)	58	2	600.28510	3R:+:47857381-47857410	Intron of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
421	AVCTCAAGMLGTPPNCRPECETDQDCPSNR	C3(Carbamidomethyl), C5(Carbamidomethyl), M9(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl)	94	1	3440.39499	3R:+:47882592-47882681	Intron of transcript AGAP010023-RA	-	SNAP_ANOPHELES000000003869	-	-
422	DEIIDPCNPSPCGSNAICK	C7(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)	57	1	2146.92046	3R:+:47883025-47883081	Intron of transcript AGAP010023-RA	-	-	-	-

423	DPAQCTMDADCPSK	C5(Carbamidomethyl), M7(Oxidation), C11(Carbamidomethyl)	93	1	1611.61235	3R:+:47935456-47935497	Intron of transcript AGAP010024-RA	-	SNAP_ANOPHELES000000003872	-	-
424	LACFEGVCK	C3(Carbamidomethyl), C8(Carbamidomethyl)	53	1	1083.49651	3R:+:47935498-47935524	Intron of transcript AGAP010024-RA	-	SNAP_ANOPHELES000000003872	-	-
425	NPCTETKPCAEHAVCTVQDTLPLR	C3(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	169	1	2797.31375	3R:+:47935525-47935596	Intron of transcript AGAP010024-RA	-	SNAP_ANOPHELES000000003872	-	-
426	TMYCVCEEGYAGDAER	M2(Oxidation), C4(Carbamidomethyl), C6(Carbamidomethyl)	82	1	1926.73784	3R:+:47935597-47935644	Intron of transcript AGAP010024-RA	-	SNAP_ANOPHELES000000003872	-	-
427	NMTSLIIKILK	M2(Oxidation)	58	1	1289.78684	3R:+:49203402-49203434	Intron of transcript AGAP010115-RA	-	-	-	-
428	KIAQLIIEAVGLNADQYR	-	51	3	672.38501	3R:+:49472066-49472119	AGAP010147-RF, Intron of transcript AGAP010147-RG, Intron of transcript AGAP010147-RD, Intron of transcript AGAP010147-RE, Intron of transcript AGAP010147-RB, Intron of transcript AGAP010147-RC, Intron of transcript AGAP010147-RA, Intron of transcript AGAP010147-RJ, Intron of transcript AGAP010147-RK, Intron of transcript AGAP010147-RH, Intron of transcript AGAP010147-RI	-	SNAP_ANOPHELES000000023458	-	-
429	IAQLIIEAVGLNADQYR	-	109	1	1887.04374	3R:+:49472069-49472119	AGAP010147-RF, Intron of transcript AGAP010147-RG, Intron of transcript AGAP010147-RD, Intron of transcript AGAP010147-RE, Intron of transcript AGAP010147-RB, Intron of transcript AGAP010147-RC, Intron of transcript AGAP010147-RA, Intron of transcript AGAP010147-RJ, Intron of transcript AGAP010147-RK, Intron of transcript AGAP010147-RH, Intron of transcript AGAP010147-RI	-	SNAP_ANOPHELES000000023458	-	-
430	NRAPQTVIDFGTDLNR	-	72	1	1816.92972	3R:+:5055649-5055696	Intron of transcript AGAP008070-RA	BM651311;BX622287	SNAP_ANOPHELES000000010496	-	-

431	APQTVIDFGTDLNR	-	112	1	1546.78716	3R:+:5055655-5055696	Intron of transcript AGAP008070-RA	BM651311;BX622287	SNAP_ANOPHELES000010496	-	-
432	GPTAFSESESK	-	74	1	1139.52275	3R:+:5055766-5055798	Intron of transcript AGAP008070-RA	BM651311;BX622287	-	-	-
433	NPAPNADFLTSVAQAGSK	-	152	1	1787.89336	3R:+:5055901-5055954	Intron of transcript AGAP008070-RA	-		- -	-
434	DAPFYLVGSAAEIMK	-	87	1	1611.81145	3R:+:5055985-5056029	Intron of transcript AGAP008070-RA	-		- -	-
435	DAPFYLVGSAAEIMK	M14(Oxidation)	136	1	1627.80461	3R:+:5055985-5056029	Intron of transcript AGAP008070-RA	-		- -	-
436	EASGSSIDYCLSVGVK	C10(Carbamidomethyl)	118	1	1671.79204	3R:+:5056030-5056077	Intron of transcript AGAP008070-RA	-		- -	-
437	LTSQGYEIYTSAIPLYGQQALAAVQAMAVK	M27(Oxidation)	139	1	3201.65952	3R:+:5056096-5056185	Intron of transcript AGAP008070-RA	-		- -	-
438	VQPIGDSFYGLDINAIHINTQQSK	-	134	1	2658.36064	3R:+:5057629-5057700	Intron of transcript AGAP008070-RA	-	-	-	-
439	NRYPQTETEFGTDLNR	-	95	1	1940.91410	3R:+:5057893-5057940	Intron of transcript AGAP008070-RA	-	-	-	-
440	YPQTETEFGTDLNR	-	96	1	1670.76677	3R:+:5057899-5057940	Intron of transcript AGAP008070-RA	-	-	-	-
441	GPVPLSEFEAR	-	93	1	1201.62358	3R:+:5058010-5058042	Intron of transcript AGAP008070-RA	-	-	-	-
442	EWAAMTSAIYIIR	-	81	1	1524.79228	3R:+:5061195-5061233	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
443	EWAAMTSAIYIIR	M5(Oxidation)	94	1	1540.78496	3R:+:5061195-5061233	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
444	NRAPQQDNALGVDLNR	-	112	1	1780.90569	3R:+:5061354-5061401	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
445	APQQDNALGVDLNR	-	130	1	1510.76152	3R:+:5061360-5061401	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
446	GPSAFSEPESR	-	78	1	1163.53288	3R:+:5061471-5061503	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
447	AIGDFLQQYAK	-	91	1	1253.65251	3R:+:5061504-5061536	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-		- -	-
448	LEETYEGR	-	55	1	996.46642	3R:+:5062845-5062868	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
449	KIIVIGNLQAR	-	82	1	1224.77881	3R:+:5062908-5062940	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
450	IIVIGNLQAR	-	69	1	1096.68389	3R:+:5062911-5062940	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
451	FQWIIVPMPNPDGYEFSR	M8(Oxidation)	70	1	2212.05474	3R:+:5063022-5063075	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000010497	-	-
452	GPAPFSEPETR	-	79	1	1187.56597	3R:+:5063217-5063249	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	AL931250	SNAP_ANOPHELES000010497	CPIJ001742-PA	-

453	VILVANLHAR	-	61	1	1105.68340	3R:+:5064899-5064928	Intron of transcript AGAP008070-RA, Intron of transcript AGAP008071-RA	-	SNAP_ANOPHELES000000010498	-	-
454	MLLELLR	-	58	2	444.27222	3R:+:51839037-51839057	Intron of transcript AGAP010265-RA	BX040370;BM604362	-	-	-
455	NSILILGHK	N1(Deamidated)	55	1	995.59038	3R:+:52358491-52358517	Intron of transcript AGAP010293-RA	-	-	-	-
456	SVLASCTGTQAYDYYSCLLNSPVKEDFK	C6(Carbamidomethyl), C17(Carbamidomethyl)	145	1	3216.49087	3R:+:8546854-8546937	Intron of transcript AGAP008279-RA	CX818755;BX008965;BX008966;ncbi_CX817323;ncbi_CX818016;CX818225;BX015255;BX054440;CX819307;ncbi_CX819307;BX054439;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX044258;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX035687;CX818016;BX037439;GO935182;CX818983;CX817400;ncbi_CX818755;ncbi	SNAP_ANOPHELES000000005748	-	-
457	EDFKNAFDFHELR	-	75	1	1667.78098	3R:+:8546926-8546964	Intron of transcript AGAP008279-RA	BX008965;BX008966;ncbi_CX817323;ncbi_CX818016;CX818225;BX015255;BX054440;CX819307;ncbi_CX819307;BX054439;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX037440;BX044258;BX007034;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX035687;CX818016;BX037439;CX818331;BX026391;GO935182;CX818983;CX817400;ncbi_C	SNAP_ANOPHELES000000005748	-	-
458	NAFDFHELR	N1(Deamidated)	75	1	1149.53264	3R:+:8546938-8546964	Intron of transcript AGAP008279-RA	CX818575;BX008965;BX008966;ncbi_CX817323;ncbi_CX818920;ncbi_CX818016;CX818225;BX015255;CX817498;BX054440;CX819307;ncbi_CX819307;CX817342;BX054439;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX037440;CX818920;BX044258;BX007034;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX035687;CX818016;BX037439;CX818331;BX026391;GO935182;CX818983;CX817400;ncbi_CX81822	SNAP_ANOPHELES000000005748	-	-

459	NAFDFHELR	-	65	1	1148.54839	3R:+:8546938-8546964	Intron of transcript AGAP008279-RA	CX818575;BX008965;BX008966;ncbi_CX817323;ncbi_CX818920;ncbi_CX818016;CX818225;BX015255;CX817498;BX054440;CX819307;ncbi_CX819307;CX817342;BX054439;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX037440;CX818920;BX044258;BX007034;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX035687;CX818016;BX037439;CX818331;BX026391;GO935182;CX818983;CX817400;ncbi_CX81822	SNAP_ANOPHELES000000005748	-	-
460	SADYAFLLR	-	86	2	528.28076	3R:+:8546965-8546991	Intron of transcript AGAP008279-RA	CX818575;BX008965;BX008966;ncbi_CX817323;ncbi_CX818016;CX818225;BX015255;CX817498;BX054440;CX819307;ncbi_CX819307;CX817342;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX037440;BX007034;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX037006;BX035687;CX818016;CX818199;BX037439;CX818331;BX026391;CX818983;CX817400;ncbi_CX8	SNAP_ANOPHELES000000005748	-	-
461	GKVYEGPEQVK	-	61	1	1233.64897	3R:+:8546992-8547024	Intron of transcript AGAP008279-RA	BX008966;ncbi_CX817323;ncbi_CX818016;CX818225;BX015255;BX054440;CX819307;ncbi_CX819307;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX040874;BX037440;BX007034;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX037006;BX035687;CX818016;BX037439;CX818331;BX026391;CX818983;CX817400;ncbi_CX8	SNAP_ANOPHELES000000005748	-	-

462	VYEGPEQVKEEMK	-	85	1	1565.75395	3R:+:8546998-8547036	Intron of transcript AGAP008279-RA	BX008966;ncbi_CX817323;ncbi_CX818016;CX818225;BX015255;CX819307;ncbi_CX819307;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX040874;BX037440;BX007034;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX037006;BX035687;CX818016;BX037439;CX818331;BX026391;CX818983;CX81740	SNAP_ANOPHELES000000005748	-	-
463	VYEGPEQVKEEMK	M12(Oxidation)	88	1	1581.74932	3R:+:8546998-8547036	Intron of transcript AGAP008279-RA	BX008966;ncbi_CX817323;ncbi_CX818016;CX818225;BX015255;CX819307;ncbi_CX819307;CX817323;CX819054;CX818468;ncbi_CX817400;BX029895;BX040874;BX037440;BX007034;BX016847;BX016846;BX035688;ncbi_CX818983;BX059293;BX037006;BX035687;CX818016;BX037439;CX818331;BX026391;CX818983;CX81740	SNAP_ANOPHELES000000005748	-	-
464	HHHSLQTAAQQPAQQK	-	90	1	1809.91385	3R:+:8851596-8851643	Intron of transcript AGAP008310-RA	BX616197;BX006319;CR530474;BX613198	SNAP_ANOPHELES000000018811	-	-
465	SGPPGSSSGSVPIHQNPTATGAK	-	89	1	2134.05741	3R:+:9482952-9483020	Intron of transcript AGAP008342-RA	BM634976	SNAP_ANOPHELES000000015246	-	AAEL004753-PA
466	ATQLHAIASLK	-	67	2	576.84058	3R:+:9488516-9488548	Intron of transcript AGAP008342-RA	BM634976	SNAP_ANOPHELES000000015247	CPIJ011949-PA	AAEL004753-PA
467	LLLIEKNVK	-	53	1	1069.69780	UNKN:-:9131701-9131675	Intron of transcript AGAP012502-RA	-		- -	-
468	IEAILLR	-	49	2	414.27188	UNKN:-:9156959-9156979	Intron of transcript AGAP012502-RA	BX023599	-	-	-
469	IINKQLAR	Q5(Deamidated)	52	2	478.79822	X:-:1369550-1369527	Intron of transcript AGAP000080-RE, Intron of transcript AGAP000080-RD	-	-	-	-
470	IAFPFVSPSDTGR	-	50	1	1393.70867	X:-:14689538-14689500	Intron of transcript AGAP000801-RA, Intron of transcript AGAP000801-RB	-	-	-	-
471	VWDNVVTTRSCMLQQLQQLR	N4(Deamidated), C11(Carbamidomethyl), M12(Oxidation), Q15(Deamidated)	46	1	2493.21549	X:-:1807829-1807770	Intron of transcript AGAP000113-RA, Intron of transcript AGAP000113-RB	-		- -	-
472	LLLQNTKHLV	-	40	1	1178.72550	X:-:21757627-21757598	Intron of transcript AGAP001056-RA	-	-	-	-
473	LLLQNTKHLV	N5(Deamidated)	40	1	1179.70978	X:-:21757627-21757598	Intron of transcript AGAP001056-RA	-	-	-	-
474	LKADVPLVVAR	-	55	1	1180.74590	X:-:2332851-2332819	Intron of transcript AGAP000147-RA	-	SNAP_ANOPHELES000000019137	-	-
475	VTIRDEILTLK	N-Term(Acetyl)	46	2	671.90094	X:-:24253603-24253571	Intron of transcript AGAP001094-RA	-	-	-	-
476	ITIIIRTEQK	Q9(Deamidated)	51	2	608.37128	X:-:4301245-4301216	Intron of transcript AGAP000228-RA	-	-	-	-

477	HSAELIIVKK	-	51	1	1137.70293	X:-:4867127-4867098	Intron of transcript AGAP000255-RC, Intron of transcript AGAP000255-RA	-	-	-	-
478	TLFITGTGR	-	55	1	965.54210	X:-:5353680-5353654	Intron of transcript AGAP000300-RA	-	-	-	-
479	LGLLITIR	-	42	2	449.80884	X:-:8438953-8438930	Intron of transcript AGAP000482-RA	-		- -	-
480	DGGAADSTEPVVR	-	77	1	1273.60271	X:-:8879806-8879768	Intron of transcript AGAP000504-RA	-	-	-	-
481	SGNEQDGGNGDGGNESGEGGGPR	N9(Deamidated)	63	2	1052.90942	X:+:11251708-11251776	Intron of transcript AGAP000622-RA, Intron of transcript AGAP000622-RB	-	SNAP_ANOPHELES000000020264	-	-
482	SGNEQDGGNGDGGNESGEGGGPR	-	146	1	2103.82280	X:+:11251708-11251776	Intron of transcript AGAP000622-RA, Intron of transcript AGAP000622-RB	-	SNAP_ANOPHELES000000020264	-	-
483	FTTSGGSQFGAAMTAVTK	M13(Oxidation)	89	2	889.42969	X:+:14363904-14363957	Intron of transcript AGAP000789-RA	-		- -	-
484	AQLETIENAEMR	M11(Oxidation)	83	2	710.84149	X:+:1609936-1609971	Intron of transcript AGAP000099-RA	FJ792607	SNAP_ANOPHELES000000002868	-	-
485	ILIAVFR	-	51	2	416.27631	X:+:20131375-20131395	Intron of transcript AGAP001043-RA	-	-	-	-
486	LQIVQAIDAK	-	54	2	549.83496	X:+:295984-296013	Intron of transcript AGAP000020-RA	-		- -	-
487	DYPTTTTAAGSVGGGGR	-	103	1	1567.73613	X:+:4149743-4149793	Intron of transcript AGAP000222-RA, Intron of transcript AGAP000222-RB	-	SNAP_ANOPHELES000000022248	-	-
488	QINERLILTIK	Q1(Deamidated), N3(Deamidated)	45	1	1342.79473	X:+:8243797-8243829	Intron of transcript AGAP013210-RA	-	-	-	-
489	LAGTGELSGGPHPQQPASPAVDNVVSGSSSSSIAPK	-	86	1	3386.69638	X:+:8736105-8736212	Intron of transcript AGAP013262-RA	-	-	-	-

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 3C. Genome search specific peptides mapping exonic region of the VectorBase genes.

	Peptide	modification	Mascot ion score	charge	m/z	Genome co-ordinate	Description	Peptide mapping to EST (EST)	Peptide overlapping with SNAP prediction model	Peptide also found in *Culex quinquefasciatus* protein ortholog	Peptide also found in *Aedes aegipty* protein ortholog
1	LIITISAVSR	-	40	1	1072.67558	2L:-:47135366-47135337	EXON of transcript AGAP007521-RB,EXON of transcript AGAP007521-RA	BM628071	-	-	-
2	IIRLLCSVALNR	C6(Carbamidomethyl)	38	1	1427.86357	2L:-:47550500-47550465	EXON of transcript AGAP007556-RA	-	-	-	-
3	DHNLHRHLLELVR	-	49	1	1651.92752	2L:+:40998153-40998191	EXON of transcript AGAP007019-RA	BX617404;BX765940;AJ285231;BM633601	-	-	-
4	LTALLARR	-	42	1	913.58238	2L:+:48304929-48304952	EXON of transcript AGAP007615-RA	-	-	-	-
5	TNVSELLIIQRR	N-Term(Acetyl), Q10(Deamidated)	59	2	742.92688	2L:+:48538614-48538649	EXON of transcript AGAP007637-RA	-	-	-	-
6	SPAAAVAAR	-	59	2	407.23367	2R:-:26352970-26352944	EXON of transcript AGAP002735-RA	-	-	-	-
7	YAIPIILSGR	-	58	2	551.83459	2R:-:31428719-31428690	EXON of transcript AGAP003047-RD,EXON of transcript AGAP003047-RA,EXON of transcript AGAP003047-RC,EXON of transcript AGAP003047-RB	AL694672;BX032536	SNAP_ANOPHELES00000016682	-	-
8	SVLFNGVYRQPE	-	54	2	704.86682	2R:-:33148813-33148778	EXON of transcript AGAP003139-RA	BX622780;AJ284218;BX608941;ncbi_AJ284218;BM577569;BX617482;BX611602;BM618862;BM646974;DQ974168;AJ281452;ncbi_AJ281452	SNAP_ANOPHELES00000002504	-	-
9	YGNVLLSRGQLHMR	N3(Deamidated), M13(Oxidation)	50	1	1660.84368	2R:-:49272167-49272126	EXON of transcript AGAP004062-RA	-	-	-	-
10	LPNQFRQK	-	53	1	1030.56902	2R:-:54926090-54926067	EXON of transcript AGAP004345-RA	-	-	-	-
11	VVHATGLVDR	-	53	1	1066.59990	2R:+:31690472-31690501	EXON of transcript AGAP003059-RBEXON of transcript AGAP003059-RC,EXON of transcript AGAP003059-RA,EXON of transcript AGAP003059-RD	-	-	-	-
12	SNEWTCHSGQCIR	C6(Carbamidomethyl), C11(Carbamidomethyl)	89	1	1634.68913	2R:+:41191956-41191994	EXON of transcript AGAP003656-RAEXON of transcript AGAP003656-RCEXON of transcript AGAP003656-RB	-	-	-	-
13	TDAGATTHTR	-	66	1	1030.49065	2R:+:48131031-48131060	EXON of transcript AGAP004033-RA	-	-	-	-
14	AALVGAGGR	-	55	1	771.44835	2R:+:5405914-5405940	EXON of transcript AGAP001480-RB,EXON of transcript AGAP001480-RC,EXON of transcript AGAP001480-RA,EXON of transcript AGAP001480-RD	BM657408;BX768034	-	-	-
15	EKNDLGFITFDLGTDLNPLFNWNVK	-	74	1	2910.47348	3L:-:21679930-21679856	EXON of transcript AGAP011354-RA	CD745464;BX608750;BM578173;CR536102;BX068189;BX058137;BX058136;BX609352;CR529432;CR529433;BX068190;BM614003;CR525453;BM642882;BM615451;BX767035;AJ285140	SNAP_ANOPHELES00000018833	-	-
16	ASTISYRK	N-Term(Acetyl)	46	2	484.26514	3L:-:34680628-34680605	EXON of transcript AGAP011897-RA	BM589159	-	-	-
17	LTAILARR	-	42	1	913.58238	3L:-:6257629-6257606	EXON of transcript AGAP010551-RA	BM601977	-	-	-
18	VSGEVPQGLR	Q7(Deamidated)	51	2	521.78082	3L:-:7944576-7944547	EXON of transcript AGAP010646-RA	BX620386	-	-	-

19	VIVSYIPFYGGK	-	56	1	1342.74121	3L:+:25305927-25305962	EXON of transcript AGAP011484-RA,EXON of transcript AGAP011484-RB	BM609628;BM585924;BM637623;ncbi_BM626017;ncbi_BM587977;BM626017;BM610165;BX025081;BM606042;BM618786;BM586427;ncbi_BM610165;BM647424;BM609085;BM650460;BX011302;ncbi_BM626063;BM649309;BM591147;BM620353;BM624273;BM587977;BM649456;ncbi_BM609628;BX019079;BM613007;BM581688;BM654152;BX045532;BM618384;BM614232;ncbi_BM620353;ncbi_BM630804;ncbi_BM618517;BM655074;ncbi_BM581688;ncbi_BM624273;BX019210;BX027005;BX027006;BM648843;BX025827;BX616154;CR534090;BX617011;BM632015;ncbi_BM606042;ncbi_BM614232;BM629739;BM630804;CD745884;BM626063;BX020805;BX020806;BM618517;BX025074;BM619919;ncbi_BM591147	SNAP_ANOPHELES00000011881	-	-
20	TKYQLIFQIR	N-Term(Acetyl), Q4(Deamidated), Q8(Deamidated)	62	1	1353.76023	3L:+:3092774-3092803	EXON of transcript AGAP010423-RA	-	-	-	-
21	IDCGEHNLR	C3(Carbamidomethyl), N7(Deamidated)	51	1	1114.49529	3L:+:32496808-32496834	EXON of transcript AGAP011727-RA	BX626585;BM649350	-	-	-
22	TVAVQAVQVVPGGGGAR	Q5(Deamidated), Q8(Deamidated)	62	2	784.42670	3L:+:35871713-35871763	EXON of transcript AGAP011984-RA	-	-	-	-
23	PIMDLIIR	-	56	2	485.79144	3L:+:4128973-4128996	EXON of transcript AGAP010473-RA	-	-	-	-
24	PIMDLIIR	M3(Oxidation)	69	1	986.57036	3L:+:4128973-4128996	EXON of transcript AGAP010473-RA	-	-	-	-
25	YHLEQIER	N-Term(Acetyl), Q5(Deamidated)	63	2	565.77747	3R:-:10130256-10130233	EXON of transcript AGAP008379-RA	-	-	-	-
26	HMVHADGLGDEEAAPR	-	53	1	1704.76836	3R:-:19101247-19101200	EXON of transcript AGAP008830-RA	-	-	-	-

27	HKADFLAK	-	56	2	465.26355	3R:-:24356114-24356091	EXON of transcript AGAP009031-RA	BX068956;BX042893;BX042892;BX048643;BX067124;ncbi_BM591185;BX046402;BX048406;BX022859;BX006473;BX043745;BX067048;BX014328;BM612055;BX067226;BX063801;BX066358;BM622571;BX016196;BX067726;BM594871;BX011985;BX015790;BX061349;BX007886;BX017009;BX070442;CD745426;BX020844;BM593018;BX068508;BX065675;BX065676;BX017650;BX052493;BX024459;CR526376;BX050704;BX012171;BM648457;BX044180;BX007281;BX025393;BX014843;BX057703;BX024533;BX071726;BX021077;BX765339;BX013010;BX047473;BX051779;BX062103;BX064979;BX023464;BX015710;BX050126;BM616501;ncbi_CD745426;BM652639;CR526351;BX027450;BX033001;BX064131;BM595659;	SNAP_ANOPHELES00000009015	-	AAEL004325-PA
28	LSISKVCR	C7(Carbamidomethyl)	55	1	962.55321	3R:-:34721733-34721710	EXON of transcript AGAP009493-RA	BX615207;BX611136;AY705404	-	-	-
29	KLAGEAVQR	Q8(Deamidated)	55	1	972.53508	3R:-:34997502-34997476	EXON of transcript AGAP009511-RA	-	-	-	-
30	VATVENEPVR	N6(Deamidated)	56	2	557.79034	3R:-:5323084-5323055	EXON of transcript AGAP008090-RA	-	-	-	-
31	LGLHVALR	-	52	2	439.78293	3R:+:11335465-11335488	EXON of transcript AGAP008497-RA	BX623820;BM591773	-	-	-
32	GKGGDQQVSLPTQR	Q6(Deamidated), Q7(Deamidated), Q13(Deamidated)	49	1	1473.72856	3R:+:24958176-24958217	EXON of transcript AGAP009059-RA	BX622552;AL932249;BM594181	-	-	-
33	QDQIQVLR	Q1(Deamidated), Q3(Deamidated), Q5(Deamidated)	67	2	501.75861	3R:+:29089660-29089683	EXON of transcript AGAP009237-RA	-	-	-	-
34	TIPATAVLFVVYEYTK	-	79	2	907.99823	X:-:7854290-7854243	EXON of transcript AGAP000448-RA	BX056443;BX031614;BX018077;AL932088	SNAP_ANOPHELES00000002044	-	AAEL013630-PA,AAEL008096-PA
35	EGALAFYNGLLPTIVR	-	49	1	1733.95732	X:-:7854338-7854291	EXON of transcript AGAP000448-RA	BX056443;BX031614;BX018077;AL932088	SNAP_ANOPHELES00000002044	-	-
36	EGALAFYNGLLPTIVR	N8(Deamidated)	79	2	867.97156	X:-:7854338-7854291	EXON of transcript AGAP000448-RA	BX056443;BX031614;BX018077;AL932088	SNAP_ANOPHELES00000002044	-	-
37	GRPTISSYALVSQILR	-	60	1	1761.00895	X:-:7854671-7854624	EXON of transcript AGAP000448-RA	BX056443;BX607109;BX031613;BX608216;BM628102;AL932088	SNAP_ANOPHELES00000002044	-	-
38	HIELKDEDTDVESFR	-	133	1	1832.87370	X:+:11251549-11251593	EXON of transcript AGAP000622-RA,EXON of transcript AGAP000622-RB	-	SNAP_ANOPHELES00000020264	-	-
39	DEDTDVESFR	-	63	2	606.75586	X:+:11251564-11251593	EXON of transcript AGAP000622-RA,EXON of transcript AGAP000622-RB	-	SNAP_ANOPHELES00000020264	-	-
40	DEDTDVESFRK	-	62	1	1340.59819	X:+:11251564-11251596	EXON of transcript AGAP000622-RA,EXON of transcript AGAP000622-RB	-	SNAP_ANOPHELES00000020264	-	-
41	PSLLALRQLR	Q8(Deamidated)	40	1	1167.73052	X:+:16232722-16232751	EXON of transcript AGAP000869-RA	BM610384	-	-	-
42	AEIAEEGAR	-	58	2	473.23471	X:+:6798097-6798123	EXON of transcript AGAP000368-RA	AJ280339	-	-	-
43	TVLDPADADYLYTVK	-	75	2	842.42847	X:+:8029233-8029277	EXON of transcript AGAP000463-RA	-	SNAP_ANOPHELES00000002069	-	-

Chaerkady et al. 2011, A proteogenomic analysis of Anopheles gambiae using high-resolution Fourier transform mass spectrometry.

Supplementary Table 3D. Genome search specific peptides mapping exon-intron junction of the VectorBase genes.

	Peptide	modification	Mascot ion score	charge	m/z	Genome co-ordinate	Description	Peptide mapping to EST (EST)	Peptide overlapping with SNAP prediction model	Peptide also found in *Culex quinquefasciatus* protein ortholog	Peptide also found in *Aedes aegipty* protein ortholog
1	DGSSGSVSSFGGSVGAGGTTGGLRPGSASAGGK	-	143	1	2769.30704	X:+:8449274-8449372	EXON-Intron boundary of transcript AGAP000483-RC,EXON-Intron boundary of transcript AGAP000483-RA	-	SNAP_ANOPHELES000000001652	-	-
2	GHGLGSGAPAPVGGGGSSDTAEK	-	149	1	1965.92705	X:+:12597263-12597331	EXON-Intron boundary of transcript AGAP000703-RA,Intron-EXON boundary of transcript AGAP000703-RA	-	SNAP_ANOPHELES000000003111	-	-
3	GVISNALEIIDNEVFYR	-	98	1	1952.00786	2R:-:4192682-4192632	EXON-Intron boundary of transcript AGAP001401-RA	BX628064;BX623908	-	-	-
4	VPSGPGGPR	-	55	1	823.44298	2R:+:4718583-4718609	EXON-Intron boundary of transcript AGAP001419-RD, EXON-Intron boundary of transcript AGAP001419-RA, EXON-Intron boundary of transcript AGAP001419-RB, EXON-Intron boundary of transcript AGAP001419-RC	-	SNAP_ANOPHELES000000010737	-	-
5	TPSVQQVNELRNK	Q5(Deamidated), Q6(Deamidated), N8(Deamidated)	55	1	1515.76641	2R:+:6029087-6029125	EXON-Intron boundary of transcript AGAP001536-RA	-	-	-	-
6	TPSVQQVNELRNK	Q5(Deamidated), Q6(Deamidated), N8(Deamidated), N12(Deamidated)	54	1	1516.74883	2R:+:6029087-6029125	EXON-Intron boundary of transcript AGAP001536-RA	-	-	-	-
7	WYFASDSQK	-	55	1	1131.51050	2R:-:7615373-7615347	EXON-Intron boundary of transcript AGAP001662-RA	-	SNAP_ANOPHELES000000015816	-	-
8	ELATQIFEESK	-	67	2	647.83002	2R:-:31428525-31428493	EXON-Intron boundary of transcript AGAP003047-RD, EXON-Intron boundary of transcript AGAP003047-RA, EXON-Intron boundary of transcript AGAP003047-RC, EXON-Intron boundary of transcript AGAP003047-RB	BX018097;AL694672;AJ280446;BX032536	SNAP_ANOPHELES000000016682	-	-
9	ELATQIFEESKK	-	76	1	1422.74932	2R:-:31428525-31428490	EXON-Intron boundary of transcript AGAP003047-RD, EXON-Intron boundary of transcript AGAP003047-RA, EXON-Intron boundary of transcript AGAP003047-RC,EXON-Intron boundary of transcript AGAP003047-RB	BX018097;AL694672;AJ280446;BX032536	SNAP_ANOPHELES000000016682	-	-

10	EAVCDGNRDCSDGEDEICEGR	C4(Carbamidomethyl), C10(Carbamidomethyl), C18(Carbamidomethyl)	125	1	2442.92301	2R:+:41182834-41182896	EXON-Intron boundary of transcript AGAP003656-RA, EXON-Intron boundary of transcript AGAP003656-RC, EXON-Intron boundary of transcript AGAP003656-RB	-		- -	-
11	DCSDGEDEICEGR	C2(Carbamidomethyl), C10(Carbamidomethyl)	102	1	1541.54839	2R:+:41182858-41182896	EXON-Intron boundary of transcript AGAP003656-RA, EXON-Intron boundary of transcript AGAP003656-RC, EXON-Intron boundary of transcript AGAP003656-RB	-		- -	-
12	GGEAYFINEKLR	-	97	1	1396.72844	2R:-:43384425-43384390	EXON-Intron boundary of transcript AGAP003794-RA, EXON-Intron boundary of transcript AGAP003794-RB	BM608041;BM601263;BM583262	SNAP_ANOPHELES000000004948	-	-
13	QGLVLGVYSSEGKDEVK	-	78	2	904.47504	2R:-:44714629-44714579	EXON-Intron boundary of transcript AGAP003869-RA	-	-	-	-
14	IIHIIGK	-	42	1	793.52947	2R:+:47716824-47716844	EXON-Intron boundary of transcript AGAP003997-RC, EXON-Intron boundary of transcript AGAP003997-RB, EXON-Intron boundary of transcript AGAP003997-RA, EXON-Intron boundary of transcript AGAP003997-RD	-	-	-	-
15	KPEEDTQSAEGSAETK	-	75	2	853.89209	2L:-:3981127-3981080	EXON-Intron boundary of transcript AGAP004824-RA	-	-	-	-
16	TQEFLHDTR	-	59	1	1146.55425	2L:+:4861485-4861511	EXON-Intron boundary of transcript AGAP004877-RB	-		- -	-
17	YETDSIEGGGDGGEEEQELDQR	-	122	1	2412.99980	2L:-:22069505-22069440	EXON-Intron boundary of transcript AGAP005828-RA	-	SNAP_ANOPHELES000000016229	-	-
18	IDSAQEEKLVQQK	-	104	1	1515.80669	2L:-:30518321-30518283	EXON-Intron boundary of transcript AGAP006366-RA	-	SNAP_ANOPHELES000000023516	-	-
19	GQLVILGK	Q2(Deamidated)	42	1	828.51794	2L:+:34197385-34197408	EXON-Intron boundary of transcript AGAP006572-RA	-		- -	-
20	LNALQNAISVLGQHGGSNVPINR	-	68	1	2372.29612	2L:-:46264657-46264589	EXON-Intron boundary of transcript AGAP007388-RA	-	SNAP_ANOPHELES000000000159	-	-
21	DDTTQLEEGEVVVK	-	75	2	781.38495	2L:-:47780645-47780604	EXON-Intron boundary of transcript AGAP007573-RA	-	SNAP_ANOPHELES000000002531	-	-
22	RRPAYEDVVLGNDSDDPPLI	-	91	1	2241.11075	2L:+:48382880-48382939	EXON-Intron boundary of transcript AGAP007624-RA	-	SNAP_ANOPHELES000000017320	-	-
23	FESTEIGK	-	57	2	455.73044	3R:-:10420532-10420509	EXON-Intron boundary of transcript AGAP008408-RA	BM589011;BM652464;BM646471;BX053739	SNAP_ANOPHELES000000001863	-	AAEL012262-PC,AAEL012262-PD,AAEL012262-PB,AAEL012262-PA
24	AALNQIVDPK	-	57	2	534.80621	3R:+:13295380-13295409	EXON-Intron boundary of transcript AGAP008584-RA	BX621465	SNAP_ANOPHELES000000003588	-	-

25	YYGATSLQNPNTGRGEQR	-	68	1	2011.96122	3R:+:17762611-17762664	EXON-Intron boundary of transcript AGAP008782-RA	AL692260;BX014317;BX611169	SNAP_ANOPHELES000006547	-	-
26	YYGATSLQNPNTGR	-	91	1	1541.734330	3R:+:17762611-17762652	EXON-Intron boundary of transcript AGAP008782-RA	AL692260;BX014317;BX611169	SNAP_ANOPHELES000006547	-	-
27	LFELLDVLEFNQVC	C14(Carbamidomethyl)	48	1	1738.886887	3R:+:25438915-25438956	EXON-Intron boundary of transcript AGAP009075-RA	-	-	-	-
28	SSGRFDGGYGSSGGGGGR	-	66	2	809.35315	3R:+:27398216-27398269	EXON-Intron boundary of transcript AGAP009142-RA	BM641060	SNAP_ANOPHELES000003310	-	-
29	SELESALGELK	-	75	1	1175.616887	3R:-:28752055-28752023	EXON-Intron boundary of transcript AGAP009210-RA	-	SNAP_ANOPHELES000019500	-	-
30	NQSTSISSISSQLSDTGDITTSLHLLAK	-	52	1	2904.48374	3R:+:28887653-28887736	EXON-Intron boundary of transcript AGAP009224-RA	BM641503;BM647222;BM651232;BM650783;BM655510	SNAP_ANOPHELES000019533	-	-
31	YNEEHFQILGSSQLGQDHTAR	-	135	1	2430.142006	3R:-:30084433-30084371	EXON-Intron boundary of transcript AGAP009264-RA	-	SNAP_ANOPHELES000007616	-	-
32	RYNEEHFQILGSSQLGQDHTAR	-	63	1	2586.241844	3R:-:30084436-30084371	EXON-Intron boundary of transcript AGAP009264-RA	-	SNAP_ANOPHELES000007616	-	-
33	DAVPSTSAAVSTPAFSTNVHEPPPQPQPSSSGLGNIGRPLHR	-	72	1	4261.157337	3R:+:34973867-34973992	EXON-Intron boundary of transcript AGAP009509-RA, Intron-EXON boundary of transcript AGAP009509-RA	BM623934	SNAP_ANOPHELES000018761	-	-
34	NVSESSAISSSHK	-	90	2	666.82446	3R:+:37407087-37407125	EXON-Intron boundary of transcript AGAP009638-RA	-	SNAP_ANOPHELES000005531	-	-
35	TPGRDDVTGEPLSQRPDDTPVAVR	-	71	1	2578.29091	3R:-:37679506-37679435	EXON-Intron boundary of transcript AGAP009660-RA	BX614675;BX025611;BX027596;BX057015;BX603012;BM600820;BX044462;BX024529;BX024528;BX015371;BX058794;BX058793;BX062282;BX062283;BX614337;BX049788;BX049789;BX058890;BX058891;BX621218;BM595626;BX032144;BX032145;BX025612;BX0	SNAP_ANOPHELES000002366	-	-
36	VNPEQSALFLSVDEDSK	-	58	1	1877.91863	3R:+:39164428-39164478	EXON-Intron boundary of transcript AGAP009701-RA	BX618318;BX611029;BX612999	SNAP_ANOPHELES000002584	-	-
37	VNPEQSALFLSVDEDSKK	-	112	1	2006.01738	3R:+:39164428-39164481	EXON-Intron boundary of transcript AGAP009701-RA	BX618318;BX611029;BX612999	SNAP_ANOPHELES000002584	-	-
38	VIDHGVQCSCPQGYLGNPLLSCSPPAEK	C8(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl)	120	1	3083.444480	3R:+:47857033-47857116	EXON-Intron boundary of transcript AGAP010021-RA	-	SNAP_ANOPHELES000003867	-	-
39	SNNVHFATANFLLPGGQQGAESSKK	-	105	1	2602.316887	3R:+:49551147-49551221	EXON-Intron boundary of transcript AGAP010156-RA	BM629348	SNAP_ANOPHELES000023490	-	-
40	SNNVHFATANFLLPGGQQGAESSKK	N2(Deamidated)	48	1	2603.286233	3R:+:49551147-49551221	EXON-Intron boundary of transcript AGAP010156-RA	BM629348	SNAP_ANOPHELES000023490	-	-
41	SNNVHFATANFLLPGGQQGAESSK	-	79	2	1237.607330	3R:+:49551147-49551218	EXON-Intron boundary of transcript AGAP010156-RA	BM629348	SNAP_ANOPHELES000023490	-	-

42	DYCCVPAGTTFYNNGCCPPSVGPICAPK	C3(Carbamidomethyl), C4(Carbamidomethyl), N14(Deamidated), C16(Carbamidomethyl), C17(Carbamidomethyl), C25(Carbamidomethyl)	62	2	1582.16614	3L:+:16937754-16937837	EXON-Intron boundary of transcript AGAP011100-RA	BM635610	SNAP_ANOPHELES000000018231	-	-
43	DYCCVPAGTTFYNNGCCPPSVGPICAPK	C3(Carbamidomethyl), C4(Carbamidomethyl), N13(Deamidated), C16(Carbamidomethyl), C17(Carbamidomethyl), C25(Carbamidomethyl)	46	1	3163.32273	3L:+:16937754-16937837	EXON-Intron boundary of transcript AGAP011100-RA	BM635610	SNAP_ANOPHELES000000018231	-	-
44	DYCCVPAGTTFYNNGCCPPSVGPICAPK	C3(Carbamidomethyl), C4(Carbamidomethyl), C16(Carbamidomethyl), C17(Carbamidomethyl), C25(Carbamidomethyl)	46	1	3162.32553	3L:+:16937754-16937837	EXON-Intron boundary of transcript AGAP011100-RA	BM635610	SNAP_ANOPHELES000000018231	-	-
45	LDVQNGESLSSADEK	N5(Deamidated)	126	1	1592.73064	3L:+:20963365-20963409	EXON-Intron boundary of transcript AGAP011319-RA	BM656253;BX602087;BX609854;BX607457;BX604402;BX607179;BX604721;BX767321;BX028955;BX605261;BM654483;BM587437;BX766802;BX765609;BX602308;BX617272;AL692326;BX768050;BX606380;BX071013;BX768798;BX606247;BX017476;BM578246;BX768729;BX767224;BX766183;BX607336;BX768433;BX606340;BX765723;BX601688;BX604885;BX767366;BX606179;BX607391;BX768557;BX603659;BX765165;BX607383;BX607380;BX768734;BX766633;BM611453;BX601778;BM638150;BX605448;BX605365;BM647763;BX602077;BX603115;BX605755;BX766354;BX765	SNAP_ANOPHELES000000006913	-	-

46	LDVQNGESLSSADEK	-	88	2	796.37469	3L:+:20963365-20963409	EXON-Intron boundary of transcript AGAP011319-RA	BM656253;BX602087;BX609854;BX607457;BX604402;BX607179;BX604721;BX767321;BX028955;BX605261;BM654483;BM587437;BX766802;BX765609;BX602308;BX617272;AL692326;BX768050;BX606380;BX071013;BX768798;BX606247;BX017476;BM578246;BX768729;BX767224;BX766183;BX607336;BX768433;BX606340;BX765723;BX601688;BX604885;BX767366;BX606179;BX607391;BX768557;BX603659;BX765165;BX607383;BX607380;BX768734;BX766633;BM611453;BX601778;BM638150;BX605448;BX605365;BM647763;BX602077;BX603115;BX605755;BX766354;BX765	SNAP_ANOPHELES000000006913	-	-
47	AQTAGSDVSPNQELQLTYLTEEDK	-	93	2	1319.13123	3L:-:21677743-21677672	EXON-Intron boundary of transcript AGAP011354-RA	BX623837;BX617622;BX626582	SNAP_ANOPHELES000000018830	-	-
48	AQTAGSDVSPNQELQLTYLTEEDKQGIAVLGLNRPK	-	107	1	3884.01821	3L:-:21677743-21677636	EXON-Intron boundary of transcript AGAP011354-RA	BX623837;BX617622;BX626582	SNAP_ANOPHELES000000018830	-	-
49	DKGISHAQLIK	-	64	1	1209.69907	3L:-:22032966-22032934	EXON-Intron boundary of transcript AGAP011369-RA	BX602661	SNAP_ANOPHELES000000011139	-	-
50	KDLYANTVLSGGTTMYPGGLNIG	M15(Oxidation), N21(Deamidated)	98	2	1180.08276	3L:+:26319289-26319357	EXON-Intron boundary of transcript AGAP011516-RA	-		- -	-
51	KPGDIKPNTPAGAGGAPVETK	-	137	1	2005.07663	3L:+:36302232-36302294	EXON-Intron boundary of transcript AGAP012013-RA, Intron-EXON boundary of transcript AGAP012013-RA	-	SNAP_ANOPHELES000000001155	-	-
52	KPGDIKPNTPAGAGGAPVETKNR	-	108	1	2275.22036	3L:+:36302232-36302300	EXON-Intron boundary of transcript AGAP012013-RA, Intron-EXON boundary of transcript AGAP012013-RA	-	SNAP_ANOPHELES000000001155	-	-
53	YQGDEVIDTDLPTYLEAK	-	106	1	2069.98857	3L:-:37762488-37762435	EXON-Intron boundary of transcript AGAP012111-RA	BM618981;BM584880;BM578969;BM594525;BM613626	SNAP_ANOPHELES000000023385	-	-

54	FLDDFEEPVKLEVENK	-	94	1	1950.97685	3L:+:37935232-37935279	EXON-Intron boundary of transcript AGAP012129-RA	BX020759;BM602584;BM641516;BM579321;BM598940;BX769058;AJ285340;BX613052;BM636176;BM594918;BM654391;AL933725;BX603354;BX602523;BX012493;BM615942;CR531988;BX024204;BM621084;BM617333;B	SNAP_ANOPHELES000012785	-	-
55	FLDDFEEPVK	-	56	2	619.80200	3L:+:37935232-37935261	EXON-Intron boundary of transcript AGAP012129-RA	BX020759;BM602584;BM641516;BM579321;BM598940;BX769058;AJ285340;BX613052;BM636176;BM594918;BM654391;AL933725;BX603354;BX602523;BX012493;BM615942;CR531988;BX024204;BM621084;BM617333;B	SNAP_ANOPHELES000012785	-	-
56	QLLATIPSGHVFTGLPELQR	-	64	1	2177.21024	X:-:12626377-12626318	EXON-Intron boundary of transcript AGAP013449-RA	BM579985;ncbi_BM579985	SNAP_ANOPHELES000003117	-	-
57	VYLETGLASAQVHGLLTFK	-	69	1	2047.12864	X:-:2183267-2183211	Intron-EXON boundary of transcript AGAP000143-RA	BM601645	SNAP_ANOPHELES000019079	-	-
58	ENLPEGGGEQQQPAAK	-	58	2	826.89825	X:+:9465498-9465545	Intron-EXON boundary of transcript AGAP000526-RA	BM579313	-	-	-
59	TRAPIVHPQATVLIR	-	37	1	1672.01987	X:+:16530607-16530651	Intron-EXON boundary of transcript AGAP000875-RA	-		- -	-
60	TEISLSSASPTVGSSSK	-	82	1	1637.82927	2R:-:575290-575240	Intron-EXON boundary of transcript AGAP001140-RA	-	-	-	-
61	QRPTHQVSGGVGWR	-	48	1	1564.78630	2R:-:11714625-11714584	Intron-EXON boundary of transcript AGAP001870-RA	-	-	-	-
62	LGSLLDPSLLER	-	58	1	1312.75249	2R:+:14684732-14684767	Intron-EXON boundary of transcript AGAP002056-RA	-	SNAP_ANOPHELES000021524	-	-
63	HGGFLGVLQR	-	53	1	1083.60503	2R:+:15126803-15126832	Intron-EXON boundary of transcript AGAP002084-RA, Intron-EXON boundary of transcript AGAP002084-RB	-	-	CPIJ002848-PA	AAEL000427-PA
64	TAAFLVPILNQMYK	-	62	1	1608.88286	2R:-:31428653-31428612	Intron-EXON boundary of transcript AGAP003047-RD, Intron-EXON boundary of transcript AGAP003047-RA, Intron-EXON boundary of transcript AGAP003047-RC, Intron-EXON boundary of transcript AGAP003047-RB	BX018097;BX032536	-	CPIJ014361-PA	AAEL004453-PA

65	TAAFLVPILNQMYK	M12(Oxidation)	67	1	1624.88310	2R:-:31428653-31428612	Intron-EXON boundary of transcript AGAP003047-RD, Intron-EXON boundary of transcript AGAP003047-RA, Intron-EXON boundary of transcript AGAP003047-RC, Intron-EXON boundary of transcript AGAP003047-RB	BX018097;BX032536	-	CPIJ014361-PA	AAEL004453-PA
66	GGNDISSSSTAGSATGSVLSTR	-	141	2	1006.48065	2R:+:35928077-35928142	Intron-EXON boundary of transcript AGAP003318-RB	-		- -	-
67	CEELQCPDGSCFR	C1(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl)	85	1	1657.64214	2R:+:41190196-41190234	Intron-EXON boundary of transcript AGAP003656-RA, Intron-EXON boundary of transcript AGAP003656-RC, Intron-EXON boundary of transcript AGAP003656-RB	-	SNAP_ANOPHELES000000021319	-	-
68	ANMNIKPQLPISSSIGGGTIGGGK	M3(Oxidation)	81	1	2313.23252	2L:-:3045001-3044930	Intron-EXON boundary of transcript AGAP004750-RA	BM575158	SNAP_ANOPHELES000000005320	-	-
69	LQTAGEQSALGIVSHSSPGNINLVGAVVK	-	148	1	2846.54404	2L:+:3396320-3396406	Intron-EXON boundary of transcript AGAP004774-RA	-	SNAP_ANOPHELES000000019284	-	-
70	TTVVSAPTASETEAANILTTIK	-	97	2	1109.59875	2L:+:3395716-3395781	Intron-EXON boundary of transcript AGAP004774-RA	-	SNAP_ANOPHELES000000019284	-	-
71	VLAHEYFGVR	-	65	1	1190.63017	2L:+:16035460-16035489	Intron-EXON boundary of transcript AGAP005471-RA	-	SNAP_ANOPHELES000000021545	-	-
72	VHSSSAKPSPK	-	61	1	1124.60625	2L:+:27648849-27648881	Intron-EXON boundary of transcript AGAP006171-RA	-	SNAP_ANOPHELES000000004255	-	-
73	SDISELSTAYQIVR	-	69	2	791.41321	2L:-:49221119-49221078	Intron-EXON boundary of transcript AGAP007717-RA	-	SNAP_ANOPHELES000000018985	-	-
74	RPGEPIQASPSQVTSTQSFAPNQFVSQTASVTQSK	-	111	1	3690.84043	3R:+:5403661-5403765	Intron-EXON boundary of transcript AGAP008091-RA	BM588919	SNAP_ANOPHELES000000008595	-	-
75	LPLSALQHPPAGTGEPFFPGGASSTAPNAGDAK	-	191	1	3160.58567	3R:+:16397816-16397914	Intron-EXON boundary of transcript AGAP008738-RA	BM613475;BX605169;BX603438	SNAP_ANOPHELES000000000773	-	-
76	IFCPPGFTEQHPGGGNCAPAACSDCCDCR	C3(Carbamidomethyl), N16(Deamidated), C17(Carbamidomethyl), C22(Carbamidomethyl), C25(Carbamidomethyl), C26(Carbamidomethyl), C28(Carbamidomethyl)	29	1	3299.26352	3R:+:17088823-17088909	Intron-EXON boundary of transcript AGAP008752-RA	-	SNAP_ANOPHELES000000005907	-	-
77	IFCPPGFTEQHPGGGNCAPAACSDCCDCR	C3(Carbamidomethyl), Q10(Deamidated), C17(Carbamidomethyl), C22(Carbamidomethyl), C25(Carbamidomethyl), C26(Carbamidomethyl), C28(Carbamidomethyl)	29	1	3299.26352	3R:+:17088823-17088909	Intron-EXON boundary of transcript AGAP008752-RA	-	SNAP_ANOPHELES000000005907	-	-
78	IFCPPGFTEQHPGGGNCAPAACSDCCDCR	C3(Carbamidomethyl), C17(Carbamidomethyl), C22(Carbamidomethyl), C25(Carbamidomethyl), C26(Carbamidomethyl), C28(Carbamidomethyl)	60	1	3298.27695	3R:+:17088823-17088909	Intron-EXON boundary of transcript AGAP008752-RA	-	SNAP_ANOPHELES000000005907	-	-

79	FFEEVNDPVKNDVNASIDEK	-	136	1	2309.09635	3R:-:17379320-17379261	Intron-EXON boundary of transcript AGAP008769-RA	BM646869;BM636150;BM585472;BX603443;BM645173;BM632517;BM633398;BM651423;BM579535;BM602284	SNAP_ANOPHELES000000005411	-	-
80	DRWNLIVGPGNYYYIQNSDTR	-	123	1	2544.23032	3R:+:17762701-17762763	Intron-EXON boundary of transcript AGAP008782-RA	AL692260;BX014317;BX611169	SNAP_ANOPHELES000000006547	-	-
81	DTLAEQEEETGTEPTAGEDGEK	-	43	2	1168.50146	3R:-:17940729-17940664	Intron-EXON boundary of transcript AGAP008794-RA	BM644274	SNAP_ANOPHELES000000019266	-	-
82	DGTGAQPYIVSAR	-	82	1	1334.67058	3R:-:18515411-18515373	Intron-EXON boundary of transcript AGAP008821-RA	BM588240;BM640089;BM614245	SNAP_ANOPHELES000000011049	-	-
83	LITAEQAVEQQQPDEPSQVFDSHAQK	-	64	1	2923.41227	3R:-:36066392-36066315	Intron-EXON boundary of transcript AGAP009554-RA	-	SNAP_ANOPHELES000000001501	-	-
84	SVAAMQQASDSLIFLETAR	Q7(Deamidated)	91	2	1020.01007	3R:+:36727686-36727742	Intron-EXON boundary of transcript AGAP009592-RA	-		- -	-
85	SVAAMQQASDSLIFLETAR	Q6(Deamidated)	87	1	2039.01286	3R:+:36727686-36727742	Intron-EXON boundary of transcript AGAP009592-RA	-		- -	-
86	SVAAMQQASDSLIFLETAR	M5(Oxidation), Q6(Deamidated)	119	1	2055.00762	3R:+:36727686-36727742	Intron-EXON boundary of transcript AGAP009592-RA	-		- -	-
87	DESFDTPEEQVLHFLAR	-	46	1	2032.97038	3R:-:36884518-36884468	Intron-EXON boundary of transcript AGAP009598-RA	EF990671	SNAP_ANOPHELES000000017841	CPIJ005979-PA	AAEL009062-PA
88	DKDESFDTPEEQVLHFLAR	-	101	1	2276.08573	3R:-:36884524-36884468	Intron-EXON boundary of transcript AGAP009598-RA	EF990671	SNAP_ANOPHELES000000017841	CPIJ005979-PA	AAEL009062-PA
89	QGSTEWSIR	-	64	2	532.26215	3R:-:45285635-45285609	Intron-EXON boundary of transcript AGAP009917-RA	GO935199	-	-	-
90	SEEKHFTIDGYPDIGIVFNTK	-	153	1	2410.19730	3R:+:45292640-45292702	Intron-EXON boundary of transcript AGAP009918-RA	-	SNAP_ANOPHELES000000008577	-	-
91	DVDCADELACIGGK	C4(Carbamidomethyl), C10(Carbamidomethyl)	102	1	1522.65190	3R:+:47853144-47853185	Intron-EXON boundary of transcript AGAP010021-RA	-	SNAP_ANOPHELES000000003867	-	-
92	DEPGCYSDVECAPTESCR	C5(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl)	92	1	2131.80132	3R:+:47935954-47936007	Intron-EXON boundary of transcript AGAP010024-RA	-	SNAP_ANOPHELES000000003872	-	-
93	EGLTVLLIGPSEVR	-	59	2	741.92963	3L:+:8752795-8752836	Intron-EXON boundary of transcript AGAP010702-RA	ncbi_CX817809;CX817809	SNAP_ANOPHELES000000014248	-	-
94	SAQHGESETEKSEQQPSSEQGR	-	108	1	2416.06418	3L:+:8915596-8915661	Intron-EXON boundary of transcript AGAP010712-RA	BM588270;CR536240	SNAP_ANOPHELES000000014262	-	-
95	GGGNGGGAGAGDGPSGR	N4(Deamidated)	96	1	1301.55449	3L:+:19313227-19313277	Intron-EXON boundary of transcript AGAP011204-RA	BM633838;BM584953;BM593117;BM605436	SNAP_ANOPHELES000000014201	-	-
96	GGGNGGGAGAGDGPSGR	-	79	2	650.78851	3L:+:19313227-19313277	Intron-EXON boundary of transcript AGAP011204-RA	BM633838;BM584953;BM593117;BM605436	SNAP_ANOPHELES000000014201	-	-

97	DEIHVQTNGQVCSPNEIK	C12(Carbamidomethyl)	65	1	2067.98149	3L:+:20963410-20963463	Intron-EXON boundary of transcript AGAP011319-RA	BM656253;BX609854;BX607457;BX604402;BX604721;BX767321;BX028956;BX028955;CD743681;BX605261;BM654483;BM587437;BX765609;BX617272;AL692326;BX606380;BX071013;BX017476;BM578246;BX768729;BX607336;BX768433;BX606340;BX765723;BX601688;BX604885;BX606179;BX607391;BX768557;BX765165;BX607383;BX607380;BX768734;BX766633;BM611453;BX765839;BX605365;BM647763;BX603115;BX607802;BX765188;BX765187;BX025249;BM650327;BX768486;BM617718;BX604948;BM586029;BX606515;BX071014;BX767281;BX604418;CD746531;BX76	SNAP_ANOPHELES000000006913	-	-
98	TAEDDLDDSGVDGDEQR	-	129	1	1836.74101	3L:-:23827784-23827734	Intron-EXON boundary of transcript AGAP011399-RA	-	SNAP_ANOPHELES000000007012	-	-
99	HQGVMVGMGQKDAYVGDEAQSK	Q2(Deamidated), M5(Oxidation), M8(Oxidation), Q10(Deamidated)	61	1	2369.05337	3L:-:26300336-26300271	Intron-EXON boundary of transcript AGAP011515-RA	BM638426;BM627226;BM624590;BM642406;BM621138;BM635311;BM621996;BM620314;BM651522;BM643337;BM635575;BM655728;BM652204;BM634833;BM656517;BM656511;BM638130;BM629476;BM648149;BM638664;BM620279;BM632237;BM625119;BM654771;BM656737;BM641250;BM646876;BM655834;BM656166;BX006205;BM582062;BM623598;BM630501;BM649975;BM625237;BM654156;BM655777;BM620205;BM634135;BM627678;BM620956;BM632095;BM636351;BM653174;BM639839;BM625224;BM650612;BM640588;BM649266;BM620362;BM648695;BM65167	SNAP_ANOPHELES000000015680	CPIJ012572-PA	AAEL001951-PA,AAEL009451-PA

100	AALTAPGAAAAGGDESGGEEGDR	-	132	2	1015.45624	3L:-:27951551-27951483	Intron-EXON boundary of transcript AGAP011570-RA	-	-	-	-
101	DTCLVTEGLCTLQPDGTILEHPLR	C3(Carbamidomethyl), C10(Carbamidomethyl)	76	1	2738.36368	3L:-:29881568-29881497	Intron-EXON boundary of transcript AGAP011617-RA	-	SNAP_ANOPHELES000000001767	-	-
102	ALDSDYFCKNYLGLNEK	C8(Carbamidomethyl)	92	1	2049.96318	3L:+:33867995-33868045	Intron-EXON boundary of transcript AGAP011827-RA	BM593083;AL693680;AL694643;BX607471;BM591839;BM600074;BM652257;BX467454;BX768516;BX626919;BX609812;BX606370;BX621599;AL694732;BX049900;BX625906	SNAP_ANOPHELES000000007941	-	-
103	LQASVVLAGDPLQLGPVTR	-	90	1	1934.11199	3L:-:34664551-34664495	Intron-EXON boundary of transcript AGAP011893-RA	-		- -	-
104	SGAAAAAASEVEK	-	83	2	581.29260	3L:+:36228352-36228390	Intron-EXON boundary of transcript AGAP012009-RA	-	SNAP_ANOPHELES000000012342	-	-

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 3E. Genome search specific peptides mapping gene boundary of the VectorBase genes.

	Peptide	modification	Mascot ion score	charge	m/z	Genome co-ordinate	Description	Peptide mapping to EST (EST)	Peptide overlapping with SNAP prediction model	Peptide also found in *Culex quinquefasciatus* protein ortholog	Peptide also found in *Aedes aegipty* protein ortholog
1	NGYVLFVEGGLIDVAHHETWAR	-	95	1	2483.24686	3L:-:20767553-20767488	boundary of the gene AGAP011303	-	SNAP_ANOPHELES00000006741	-	-
2	NGYVLFVEGGLIDVAHHETWAR	N1(Deamidated)	52	1	2484.24533	3L:-:20767553-20767488	boundary of the gene AGAP011303	-	SNAP_ANOPHELES00000006741	-	-
3	NKNGYVLFVEGGLIDVAHHETWAR	N3(Deamidated)	81	1	2726.37978	3L:-:20767559-20767488	boundary of the gene AGAP011303	-	SNAP_ANOPHELES00000006741	-	-
4	SIEDCVKWAR	C5(Carbamidomethyl)	71	1	1263.62102	3L:-:34566986-34566957	boundary of the gene AGAP011872	-	SNAP_ANOPHELES00000023292	CPIJ001423-PA	-
5	GIINWGLPVAHILEDGALYTEQAR	-	119	1	2636.39243	UNKN:-:12588257-12588186	boundary of the gene AGAP012537	-	-	-	-
6	KPVITVK	-	44	2	392.76733	2L:-:34270545-34270525	boundary of the gene AGAP006583	-	-	-	-
7	LTTPTYSDLNHLVSAAMSGVTTCLR	C23(Carbamidomethyl)	50	1	2708.34153	3R:-:13725809-13725735	boundary of the gene AGAP008622	-	SNAP_ANOPHELES00000020902	-	-
8	LTTPTYSDLNHLVSAAMSGVTTCLR	M17(Oxidation), C23(Carbamidomethyl)	169	1	2724.33561	3R:-:13725809-13725735	boundary of the gene AGAP008622	-	SNAP_ANOPHELES00000020902	-	-
9	SGADKPGGGGAQSFSFLSTLGAAK	-	88	1	2211.10727	3R:+:16866254-16866325	boundary of the gene AGAP008747	ncbi_BM579358;BM579358	SNAP_ANOPHELES00000005757	-	-
10	AGVGGAAGCVLEQIHCPPGSKR	C9(Carbamidomethyl), C16(Carbamidomethyl)	148	1	2221.09531	3R:+:17088619-17088684	boundary of the gene AGAP008752	BM622941;BM635479;BM654148	SNAP_ANOPHELES00000005907	-	-
11	AGVGGAAGCVLEQIHCPPGSK	C9(Carbamidomethyl), C16(Carbamidomethyl)	129	1	2064.99541	3R:+:17088619-17088681	boundary of the gene AGAP008752	BM622941;BM635479;BM654148	SNAP_ANOPHELES00000005907	-	-
12	SALQAVKKPAVAKPAAPK	-	69	1	1775.09475	3R:+:20781604-20781657	boundary of the gene AGAP008916	BX028777;BX052908;BX055259;BX063863;BX022695;BX603498;BX052355;BX029679;BX024723;BM613242;BX024889;BX014811;BX024315;BM575002;BX010382;BX008061;BX049979;BX031840;BX044836;BX050082;BX606736;BX066129;BX015666;BX006695;BX014478;BX767718;BX060421;BX031778;BX049250;BX027634;BX062214;BX062982;BX026767;BX053952;BX053817;BX059625;BX028646;BX602451;BX056976;BX012385;BX062973;BX028455;BX068678;BX052341;BX027417;BX044633;BX060834;BX767102;BX027565;BX027562;BX045796;BX008010;BX008421;BM585334;BX051630;BX042732;BX059392;BX048501;BX069130;BX049587;BM630671;BX055499;BX768389;BX025309;BX049690;BM594797;BX057873;BX024966;BX068135;BX011472;BX010535;BX062641;BX605940;BX006462;BX767330;BX008774;BX024	SNAP_ANOPHELES00000007252	-	-

13	KPAVAKPAAPK	-	67	1	1077.67742	3R:+:20781625-20781657	boundary of the gene AGAP008916	BX028777;BX027695;BX052908;BX055259;BX063863;BX022695;BX603498;BX052355;BX029679;BX024723;BM613242;BX024889;BX014810;BX014811;BX024315;BX071034;BX052418;BM575002;BX010382;BX013349;BX008061;BX042938;BX021764;BX065988;BX016788;BX049979;BX031840;BX044836;BX050082;BX056770;BX606736;BX066129;BX015666;BX006695;BX014478;BX767718;BX060421;BX031778;BX040124;BX049250;BX014252;BX027634;BX062214;BX062982;BX026767;BX053952;BX053817;BX047915;BX059625;BX028646;BX602451;BX043943;BX056976;BX012385;BX062973;BX028455;BX070804;BX068678;BX052341;BX027417;BX044633;BX060834;BX767102;BX027565;BX027562;BX045796;BX008010;BX008421;BM585334;BX051630;BX042732;BX020859;BX059392;BX018844;CR530809;BX048501;BX069130;BX	SNAP_ANOPHELES00000007252	-	-
14	KGAHMPFNFAMINR	M5(Oxidation), M11(Oxidation)	60	1	1665.80619	3R:-:22246092-22246051	boundary of the gene AGAP008963	BX022786;BX030664;BX036710	SNAP_ANOPHELES00000019838	-	-
15	GAHMPFNFAMINR	M4(Oxidation), M10(Oxidation)	58	1	1537.70743	3R:-:22246089-22246051	boundary of the gene AGAP008963	BX022786;BX030664;BX036710	SNAP_ANOPHELES00000019838	-	-
16	KGAHMPFNFAMINR	-	62	1	1633.80759	3R:-:22246092-22246051	boundary of the gene AGAP008963	BX022786;BX030664;BX036710	SNAP_ANOPHELES00000019838	-	-
17	GAHMPFNFAMINR	-	53	1	1505.71477	3R:-:22246089-22246051	boundary of the gene AGAP008963	BX022786;BX030664;BX036710	SNAP_ANOPHELES00000019838	-	-
18	GAHMPFNFAMINR	M4(Oxidation)	83	1	1521.70671	3R:-:22246089-22246051	boundary of the gene AGAP008963	BX022786;BX030664;BX036710	SNAP_ANOPHELES00000019838	-	-
19	VLELPVESEDKEAGGDQQQSSQQGTGATTGEK	-	172	1	3303.55149	3R:-:31577918-31577823	boundary of the gene AGAP009348	-	SNAP_ANOPHELES00000008947	-	-
20	VVESSQPIEEALK	-	60	2	714.88348	3R:+:43257302-43257340	boundary of the gene AGAP009781	BM638621	SNAP_ANOPHELES00000014773	-	-
21	TLSHLPTRPPVDLAFHNLSYR	-	61	1	2434.31980	3R:-:44333945-44333883	boundary of the gene AGAP009851, boundary of the gene AGAP009850	BM644255	SNAP_ANOPHELES00000021195	-	-
22	IANNTVFVR	-	61	2	517.29279	3R:+:45291203-45291229	boundary of the gene AGAP009918	-	-	-	-
23	AGFEGDAFIGCSAVPK	C11(Carbamidomethyl)	108	1	1625.76824	3R:+:47881851-47881898	boundary of the gene AGAP010023	GO935184	SNAP_ANOPHELES00000003869	-	-
24	SVDGGVPSADSNIINLAITPFAR	-	55	2	1157.61023	3L:+:2421114-2421182	boundary of the gene AGAP010384	BM644616;BM638097;BM614504	-	-	-
25	VASPPPTVASPPLVPLIK	-	89	1	1783.07329	3L:-:7641554-7641501	boundary of the gene AGAP010630	BM650476;BX613671;BM632193;BM657522;BX612461;CR532619;BX618985	SNAP_ANOPHELES00000002840	-	-
26	VAEEGYHTIIRDQEK	-	61	1	1787.89707	3L:+:8608704-8608748	boundary of the gene AGAP010691	BM645063;BM603033;BM600853;BM584327	SNAP_ANOPHELES00000002950	-	-
27	IVEDEFER	-	55	2	518.75043	3L:+:10277379-10277402	boundary of the gene AGAP010781	-	-	-	-
28	WVQDHIGDFGGDAR	-	53	1	1572.72232	3L:-:12931027-12930986	boundary of the gene AGAP010916	-	-	-	-
29	ALATVSSNVVGVGNAVR	-	65	2	807.45569	3L:-:16461786-16461736	boundary of the gene AGAP011090	-	SNAP_ANOPHELES00000016824	-	-
30	FNVVLGGGR	-	54	1	918.51959	3L:-:20767883-20767857	boundary of the gene AGAP011304	-	SNAP_ANOPHELES00000006741	-	-

31	ALQLAMEIVPNGPVGVR	M6(Oxidation)	66	2	890.49713	3L:-:21677119-21677069	boundary of the gene AGAP011354	CR536254;CR531935	SNAP_ANOPHELES00000018830	-	-
32	LESSNVMCNENDCRFPDQVR	M7(Oxidation), C8(Carbamidomethyl), C13(Carbamidomethyl)	63	1	2486.05057	3L:-:21901642-21901583	boundary of the gene AGAP011359	BM582896	-	-	-
33	MNDNLGSHPHYICHSR	M1(Oxidation), C13(Carbamidomethyl)	63	1	1953.83816	3L:-:32456409-32456362	boundary of the gene AGAP011726	BM591395;BM613861;GO898765;BM643320	SNAP_ANOPHELES00000002262	-	-
34	ASLANDVALLILTEPFQLAENVQPICLPPK	C26(Carbamidomethyl)	91	1	3274.79111	3L:-:33271488-33271399	boundary of the gene AGAP011788	BX768168;BX033606;AL934571;CR530021;BX615111;BX616591;BM655755;BX032473;BX026547;BX026546;BX062479;BM598126;BX615822;BX070892	SNAP_ANOPHELES00000001180	-	-
35	LATIDNSYENSTSGSGR	-	118	2	886.41223	3L:-:40904433-40904383	boundary of the gene AGAP012351	-	SNAP_ANOPHELES00000015289	-	-
36	VYKPEMDDLYITVNAR	M6(Oxidation)	107	1	1942.96282	2L:-:26354334-26354287	boundary of the gene AGAP006088	AL693742	SNAP_ANOPHELES00000012540	-	-
37	RLCSAQVPLASSVR	C3(Carbamidomethyl), Q6(Deamidated)	63	1	1544.82427	2L:-:37295310-37295269	boundary of the gene AGAP006727	-	-	-	-
38	SLSVLAAGSGSGQHGAGAVEHHAAAAAGGR	-	106	1	2654.33217	3R:+:16398260-16398349	boundary of the gene AGAP008738	BX066211;BX066153;BX069563	SNAP_ANOPHELES00000000773	-	-
39	QQLDNRPFQSLVDSTEVYDVTRPIAESTIISVPK	-	83	1	3846.00625	3R:+:20513285-20513386	boundary of the gene AGAP008897	BM604460;BM651993;BX604109;BM582402	SNAP_ANOPHELES00000020184	-	-
40	ANTSTVYPPPPPQPAPGSR	-	68	1	1933.97991	3R:+:28653756-28653812	boundary of the gene AGAP009201	BM597176;BX615721;BX615674;CR533730	SNAP_ANOPHELES00000018147	-	-
41	IMDSAEQAALSESDPESATSK	-	90	1	2166.98052	3R:-:36887016-36886954	boundary of the gene AGAP009598	EF990671	-	-	-
42	IMDSAEQAALSESDPESATSK	M2(Oxidation)	154	1	2182.96782	3R:-:36887016-36886954	boundary of the gene AGAP009598	EF990671	-	-	-
43	ILNDGEPNAFR	-	65	1	1245.62151	3R:+:44075941-44075973	boundary of the gene AGAP009836	BX057773;BX033592;BX033591;ncbi_AJ280803;AJ280803;BM593884;BX604929;BM590696;ncbi_BM590696;BX616615	SNAP_ANOPHELES00000013615	-	-
44	APSAEQIIFVR	-	98	1	1230.68413	3R:-:45290228-45290196	boundary of the gene AGAP009917	-	SNAP_ANOPHELES00000008573	-	-
45	RAPSAEQIIFVR	-	80	1	1386.78667	3R:-:45290231-45290196	boundary of the gene AGAP009917	-	SNAP_ANOPHELES00000008573	-	-
46	AETMEVSK	M4(Oxidation)	42	1	910.41486	3L:+:12470962-12470985	boundary of the gene AGAP010884	-		- -	-
47	QQLAYEAATAQQR	-	59	2	739.37567	3L:+:20458598-20458636	boundary of the gene AGAP011272	-	SNAP_ANOPHELES00000023134	-	-
48	ENNPGSSSSYAVVQSR	-	91	2	841.39368	3L:-:23670342-23670295	boundary of the gene AGAP011396	-	SNAP_ANOPHELES00000011522	-	-
49	NDTLGGTCLNVGCIPSK	C8(Carbamidomethyl), C13(Carbamidomethyl)	136	1	1805.84929	3L:-:30344661-30344611	boundary of the gene AGAP011629	BM621448;BM629019;BM581943;BM594569;BM613559;BM625854;ncbi_BM605260;BM628042;BM604573;BX607476;BM631177;BM618764;BM602355;BM650605;BM655009;BM600379;BM655546;BM639778;BM641566;BX627098;BM630189;BM627240;BM617698;BM651192;BM614968;BM654261;BM642893;BM607820;BM624869;BM617289;BM639356;BM651969;BM621534;BM582525;BM605260;BM623259;BM586778;BM613583;BM585297;BM620609;BX622040;BM639549	SNAP_ANOPHELES00000016655	CPIJ019726-PA,CPIJ013983-PA	AAEL006928-PA

50	NDTLGGTCLNVGCIPSK	N1(Deamidated), C8(Carbamidomethyl), C13(Carbamidomethyl)	108	2	903.92474	3L:-:30344661-30344611	boundary of the gene AGAP011629	BM621448;BM629019;BM581943;BM594569;BM613559;BM625854;ncbi_BM605260;BM628042;BM604573;BX607476;BM631177;BM618764;BM602355;BM650605;BM655009;BM600379;BM655546;BM639778;BM641566;BX627098;BM630189;BM627240;BM617698;BM651192;BM614968;BM654261;BM642893;BM607820;BM624869;BM617289;BM639356;BM651969;BM621534;BM582525;BM605260;BM623259;BM586778;BM613583;BM585297;BM620609;BX622040;BM639549	SNAP_ANOPHELES00000016655	CPIJ019726-PA,CPIJ013983-PA	AAEL006928-PA
51	NDTLGGTCLNVGCIPSK	C8(Carbamidomethyl), N10(Deamidated), C13(Carbamidomethyl)	65	2	903.92297	3L:-:30344661-30344611	boundary of the gene AGAP011629	BM621448;BM629019;BM581943;BM594569;BM613559;BM625854;ncbi_BM605260;BM628042;BM604573;BX607476;BM631177;BM618764;BM602355;BM650605;BM655009;BM600379;BM655546;BM639778;BM641566;BX627098;BM630189;BM627240;BM617698;BM651192;BM614968;BM654261;BM642893;BM607820;BM624869;BM617289;BM639356;BM651969;BM621534;BM582525;BM605260;BM623259;BM586778;BM613583;BM585297;BM620609;BX622040;BM639549	SNAP_ANOPHELES00000016655	CPIJ019726-PA,CPIJ013983-PA	AAEL006928-PA
52	NTEGWSSAESLPHQFQIR	-	141	1	2086.99687	3L:+:31630466-31630519	boundary of the gene AGAP011700	-	SNAP_ANOPHELES00000018002	-	-
53	LHQNPDALVTQLLQSFLK	-	69	1	2065.16507	3L:+:34820277-34820330	boundary of the gene AGAP011904	-	SNAP_ANOPHELES00000009868	-	-
54	HIYTQDLPETVEMVYEWR	-	97	1	2309.09067	3L:-:35409023-35408970	boundary of the gene AGAP011939	BX056033;BM634693;BM652104	SNAP_ANOPHELES00000013384	-	-
55	HIYTQDLPETVEMVYEWR	M13(Oxidation)	94	2	1163.04614	3L:-:35409023-35408970	boundary of the gene AGAP011939	BX056033;BM634693;BM652104	SNAP_ANOPHELES00000013384	-	-
56	QLAGSGMVLPGGGGGTATGGGVIAAGGPK	M7(Oxidation)	87	1	2411.23532	3L:+:36647227-36647313	boundary of the gene AGAP012026	-	SNAP_ANOPHELES00000018186	-	-
57	LGPHTVLTFIILEQLNGLYNK	-	122	1	2383.33573	3L:+:37637176-37637238	boundary of the gene AGAP012097	BM609470;BM586914;BM640255	SNAP_ANOPHELES00000023347	-	-
58	TEAAAAGAPAATAEVK	-	68	2	714.87128	3L:+:39511522-39511569	boundary of the gene AGAP012258	-	SNAP_ANOPHELES00000017600	-	-
59	LSSLQALLR	-	54	2	500.81149	2L:-:25997018-25996992	boundary of the gene AGAP006068	-	-	-	-

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 3F. Genome search specific peptides mapping UTR of the VectorBase genes.

	Peptide	modification	Mascot ion score	charge	m/z	Genome co-ordinate	Description	Peptide mapping to EST (EST)	Peptide overlapping with SNAP prediction model	Peptide also found in *Culex quinquefasciatus* protein ortholog	Peptide also found in *Aedes aegipty* protein ortholog
1	LLLLTVLCK	C8(Carbamidomethyl)	40	1	1072.67558	2R:+:12994569-12994595	five prime utr of transcript AGAP001971-RA	BM633480;BM576990; BM628047;BM653904; BM603255;BM598499; BM619208;BM649673; BM599375;BM656364; BM648972;BM652245; BM575193;BM595280; BM647944;BX605857; BM655072;BM649395; BM648185;BM628690; BM623408;BM598631; BM647971;BM598475; ncbi_BM595280;BX765375;BX765696;BM635702;BM593169;BM656705;BM611163;BM657199;BM653472;BM646276;BM608842;BM650118	-	-	-
2	SASLFIVGVR	-	81	2	524.81171	2L:-:2751909-2751880	five prime utr of transcript AGAP004721-RA	BM583020;BM653080; CD744544;CD745761	-	CPIJ000746-PA	-
3	AVSQIQNNTPNLLHLHTTTLIR	-	91	1	2484.37314	2L:+:49353146-49353211	five prime utr of transcript AGAP007730-RA	BM652474	-	-	-
4	DEPFSVVDQISAPPR	-	98	1	1656.82366	3R:-:3227187-3227143	five prime utr of transcript AGAP007940-RC	BM602767;BM599120; BM601242;BM641530	-	-	-
5	DGDVFDECMPMIQSTYK	C8(Carbamidomethyl), M9(Oxidation), M11(Oxidation), Q13(Deamidated)	61	2	1034.91858	3R:-:3227259-3227209	five prime utr of transcript AGAP007940-RC	BM602767;BM599120; BM632807;BM601242; BM641530	-	-	-
6	DGDVFDECMPMIQSTYK	C8(Carbamidomethyl), M11(Oxidation)	60	2	1026.42285	3R:-:3227259-3227209	five prime utr of transcript AGAP007940-RC	BM602767;BM599120; BM632807;BM601242; BM641530	-	-	-
7	DGDVFDECMPMIQSTYK	C8(Carbamidomethyl), M9(Oxidation), M11(Oxidation)	92	1	2067.83672	3R:-:3227259-3227209	five prime utr of transcript AGAP007940-RC	BM602767;BM599120; BM632807;BM601242; BM641530	-	-	-
8	DGDVFDECMPMIQSTYK	C8(Carbamidomethyl), M9(Oxidation)	84	2	1026.42603	3R:-:3227259-3227209	five prime utr of transcript AGAP007940-RC	BM602767;BM599120; BM632807;BM601242; BM641530	-	-	-
9	LEHLADLGVTGVWLSPVFK	-	162	1	2081.15264	3R:-:22246895-22246839	five prime utr of transcript AGAP008963-RA	BX022785;BM587500; BX022900	SNAP_ANOPHELES000000019838	-	-
10	DSNGDGVGDLTGITEK	-	125	1	1577.72856	3R:-:22246943-22246896	five prime utr of transcript AGAP008963-RA	BX022785;BX060691;BM587500;BX022900	SNAP_ANOPHELES000000019838	-	-
11	SFKDSNGDGVGDLTGITEK	-	117	1	1939.92595	3R:-:22246952-22246896	five prime utr of transcript AGAP008963-RA	BX022785;BX060691;BM587500;BX022900	SNAP_ANOPHELES000000019838	-	-
12	SFKDSNGDGVGDLTGITEK	N6(Deamidated)	144	1	1940.91496	3R:-:22246952-22246896	five prime utr of transcript AGAP008963-RA	BX022785;BX060691;BM587500;BX022900	SNAP_ANOPHELES000000019838	-	-
13	QHDHSAELDWWESGVFYQIYPR	-	83	1	2763.25010	3R:-:22247018-22246953	five prime utr of transcript AGAP008963-RA	BX062207;BX060691;BM587500;BX022900	SNAP_ANOPHELES000000019838	-	-
14	DSNGDGVGDLTGITEK	N3(Deamidated)	129	1	1578.71025	3R:-:22246943-22246896	five prime utr of transcript AGAP008963-RA	BX022785;BX060691;BM587500;BX022900	SNAP_ANOPHELES000000019838	-	-
15	LSTIALALGEER	-	103	2	636.86163	3R:-:25650268-25650233	five prime utr of transcript AGAP009105-RA	BM647697;BM585290; BM653416;BM655062; AJ284702;AJ285811	SNAP_ANOPHELES000000004514	CPIJ003532-PA	AAEL006977-PA
16	KLSTIALALGEER	-	95	2	700.90894	3R:-:25650271-25650233	five prime utr of transcript AGAP009105-RA	BM647697;BM585290; BM653416;BM655062; AJ284702;AJ285811	SNAP_ANOPHELES000000004514	CPIJ003532-PA	AAEL006977-PA

17	AADDSLYPIAVLIDELK	-	85	2	923.49908	3R:-:25650867-25650817	five prime utr of transcript AGAP009105-RA	BM647697;BM585290; BM653416;BM655062; AJ284702;AJ285811	SNAP_ANOPHELES000000004514	CPIJ003532-PA	AAEL006977-PA
18	TLAGHTANTQLLQLISLDEEHVYALSGSVNDR	-	68	1	3465.78408	3L:+:8715451-8715546	five prime utr of transcript AGAP010698-RA	BM634984	SNAP_ANOPHELES000000014239	-	-
19	QGDGVTGAEGQQK	-	79	2	637.80225	3L:-:20025529-20025491	five prime utr of transcript AGAP011250-RA	BM652349;CR526368; BM619866;CR531392; BX622882;BM615057; BX617861;BX615890	-	-	-
20	QDAQQTEREPTK	-	66	1	1430.69084	3L:-:20025490-20025455	five prime utr of transcript AGAP011250-RA	BM652349;BM583280; CR526368;BM619866; BX622882;BM615057; BX617861;BX615890;BM619733	-	-	-
21	EAEIAYDVLR	-	67	2	589.80756	3L:-:20839632-20839603	five prime utr of transcript AGAP011310-RA, five prime utr of transcript AGAP011310-RB	BX619643;BX602002;BX044783;BX012185;BX627410;BX624822;BM649765;CR527054	-	CPIJ001255-PA	-
22	TITLEENHLLLR	-	90	1	1451.82915	3L:-:20839566-20839531	five prime utr of transcript AGAP011310-RA, five prime utr of transcript AGAP011310-RB	BX619643;BX602002;BX044783;BX044784;BX012185;BX012186;BX627410;AJ282053;BX624822;BM649765;CR527054	-	-	-
23	REAEIAYDVLR	-	60	1	1334.70183	3L:-:20839635-20839603	five prime utr of transcript AGAP011310-RA, five prime utr of transcript AGAP011310-RB	BX619643;BX602002;BX044783;BX012185;BX627410;BX624822;BM649765;CR527054	-	CPIJ001255-PA	-
24	SLGTIALIDANITK	-	107	2	715.41913	3L:-:24778008-24777967	five prime utr of transcript AGAP011447-RA	BM608336;BM616074	SNAP_ANOPHELES000000012398	-	-
25	TPTTDDGDASKADGGAPGR	-	110	1	1788.79850	3L:-:24778227-24778171	five prime utr of transcript AGAP011447-RA	BM608336	SNAP_ANOPHELES000000012398	-	-
26	DNGSADKPAPPTK	-	58	1	1297.63909	3L:-:24778170-24778132	five prime utr of transcript AGAP011447-RA	BM608336	SNAP_ANOPHELES000000012398	-	-
27	SPSDGGTEDGADGGK	-	99	1	1349.54790	3L:-:24778074-24778030	five prime utr of transcript AGAP011447-RA	BM608336	SNAP_ANOPHELES000000012398	-	-
28	SPSDGGTEDGADGGKEQAAAGK	-	59	1	2004.87870	3L:-:24778074-24778009	five prime utr of transcript AGAP011447-RA	BM608336	SNAP_ANOPHELES000000012398	-	-
29	ADGGAPGRDNGSADKPAPPTK	N10(Deamidated)	84	1	1979.94010	3L:-:24778194-24778132	five prime utr of transcript AGAP011447-RA	BM608336	SNAP_ANOPHELES000000012398	-	-
30	DNGSADKPAPPTK	N2(Deamidated)	76	1	1298.62114	3L:-:24778170-24778132	five prime utr of transcript AGAP011447-RA	BM608336	SNAP_ANOPHELES000000012398	-	-
31	HFDLYEYPDVDTYR	-	86	2	916.90961	3L:-:30455125-30455084	five prime utr of transcript AGAP011632-RA	BX608308	SNAP_ANOPHELES000000016662	-	-
32	FPTEVPEFERPK	-	66	1	1475.75479	3L:-:30455230-30455195	five prime utr of transcript AGAP011632-RA	BX608308	SNAP_ANOPHELES000000016662	-	-
33	DKPLASDSNDGDK	-	63	1	1361.61980	3L:-:31422029-31421991	five prime utr of transcript AGAP011692-RA	AJ284086	SNAP_ANOPHELES000000013764	-	-
34	ANLLALLR	-	53	2	442.29016	3L:-:34289018-34288995	five prime utr of transcript AGAP011859-RA	BX052612;BM596081	-	-	-
35	GTEGSGLVSVLLEGPPNAGK	-	105	2	941.50226	UNKN:-:12588185-12588126	five prime utr of transcript AGAP012537-RA	BX069854	-	-	-

36	HGSMAFYPK	M4(Oxidation)	60	1	1053.48174	2R:+:39456595-39456621	five prime utr-coding-exon of transcript AGAP003556-RA, five prime utr-coding-exon of transcript AGAP003556-RB	BM583832;BX032094;BX040434;BX603757;BM597431;BX045561;BM648421;BM635315;BM589630;BX006004;BX069090;BX605041;BX040938;BM593038;BX039399;BM650239;BM642167;BM586244;BX067463;BX601904;BX603209;BM583388;BX013162;BM576352;BX602374;BX040074;BX767104;BM614151;BM642649;BX012728;BM602580;BM657837;BX016052;BX028314;BM576998;BM574944;BM602843;BX066687;BX767331;BX059143;BM656068;BX034596;BX029792;BM612439;BM597969;BX070443;BM604634;BM640400;BM613407;BM596508;BX023767;BM592976;BM616770;BX768894;BM650285;BM610795;BM657842;BM605790;BM628453;BX601796;BM611570;BX768785;BM615918;BX067654;BX028837;B	-	CPIJ007488-PA	-
37	AALASNWLSIMPNHWMCTIPK	M11(Oxidation), M16(Oxidation), C17(Carbamidomethyl)	78	1	2473.17954	2L:-:31792828-31792766	five prime utr-coding-exon of transcript AGAP006433-RA	BM633833;BM597438;BX018406;BX015862;BM654199;BX025089;BM606013;BX042841;BX039583;BX036547;BX034558;BX034557;BM597798;BX012163;BX007828;BX007804;BX007803;BX061638;BM655147;BX033653;BX019277;BX053375;BX054199;BX054198;BX062689;BM640195;BX005648;BX063025;BX027749;BX046711;BX044041;BM622999;BX021498;BX033996;BM584842;BX021499;BM578127	-	-	-

38	AALASNWLSIMPNHWMCTIPK	M16(Oxidation), C17(Carbamidomethyl)	67	1	2457.18912	2L:-:31792828-31792766	five prime utr-coding-exon of transcript AGAP006433-RA	BM633833;BM597438;BX018406;BX015862;BM654199;BX025089;BM606013;BX042841;BX039583;BX036547;BX034558;BX034557;BM597798;BX012163;BX007828;BX007804;BX007803;BX061638;BM655147;BX033653;BX019277;BX053375;BX054199;BX054198;BX062689;BM640195;BX005648;BX063025;BX027749;BX046711;BX044041;BM622999;BX021498;BX033996;BM584842;BX021499;BM578127	-	-	-
39	FQTRPPLPDASVMPTLANGNIGFVAYGEYVHLNGVYNGLR	M13(Oxidation), N18(Deamidated), N33(Deamidated)	83	1	4366.19497	3R:+:12478144-12478263	five prime utr-coding-exon of transcript AGAP008548-RA	-	SNAP_ANOPHELES000000010000	-	-
40	FQTRPPLPDASVMPTLANGNIGFVAYGEYVHLNGVYNGLR	M13(Oxidation), N18(Deamidated), N37(Deamidated)	83	1	4366.19497	3R:+:12478144-12478263	five prime utr-coding-exon of transcript AGAP008548-RA	-	SNAP_ANOPHELES000000010000	-	-
41	SPMADFGYDISDFR	-	109	2	810.85150	3R:-:22246838-22246797	five prime utr-coding-exon of transcript AGAP008963-RA	BX022785;BM587500;BX022900	SNAP_ANOPHELES000000019838	CPIJ013170-PA,CPIJ018570-PA	AAEL000651-PA,AAEL000647-PA
42	SPMADFGYDISDFRDVDPIFGTMADLDR	M3(Oxidation), M23(Oxidation)	148	1	3198.39328	3R:-:22246838-22246755	five prime utr-coding-exon of transcript AGAP008963-RA	BX022785;BM587500	SNAP_ANOPHELES000000019838	-	-
43	SPMADFGYDISDFR	M3(Oxidation)	132	1	1636.70317	3R:-:22246838-22246797	five prime utr-coding-exon of transcript AGAP008963-RA	BX022785;BM587500;BX022900	SNAP_ANOPHELES000000019838	CPIJ013170-PA,CPIJ018570-PA	AAEL000651-PA,AAEL000647-PA
44	SPMADFGYDISDFRDVDPIFGTMADLDR	M3(Oxidation)	62	1	3182.41147	3R:-:22246838-22246755	five prime utr-coding-exon of transcript AGAP008963-RA	BX022785;BM587500	SNAP_ANOPHELES000000019838	-	-
45	VNMLFQLK	M3(Oxidation)	56	1	1008.55486	3R:+:34805836-34805859	five prime utr-coding-exon of transcript AGAP009502-RA	CX818374	-	-	-
46	VNMLFQLK	-	59	1	992.56066	3R:+:34805836-34805859	five prime utr-coding-exon of transcript AGAP009502-RA	CX818374	-	-	-
47	SPVIDNITDMK	M10(Oxidation)	69	2	624.81274	3R:-:50850889-50850857	five prime utr-coding-exon of transcript AGAP010217-RA	BM606930;BM614396	SNAP_ANOPHELES000000017642	-	-
48	LPLGFTFSFPLTQLGLTK	-	113	1	1980.12114	3L:-:19389867-19389814	five prime utr-coding-exon of transcript AGAP011208-RA	BM589737;BM610634;BM630896;BM645808	SNAP_ANOPHELES000000014206	CPIJ008049-PA	AAEL009387-PA,AAEL009387-PB
49	LALDETAEMAK	M9(Oxidation)	93	1	1207.58794	3L:-:20767487-20767455	five prime utr-coding-exon of transcript AGAP011303-RA	BX628985	SNAP_ANOPHELES000000006741	-	-
50	VDDLQTLHTILYEGPAKPMVLR	M19(Oxidation)	99	1	2525.35463	3L:-:24777960-24777895	five prime utr-coding-exon of transcript AGAP011447-RA	BM608336;BM616074	SNAP_ANOPHELES000000012398	-	-
51	AKVDDLQTLHTILYEGPAKPMVLR	-	137	1	2708.49149	3L:-:24777966-24777895	five prime utr-coding-exon of transcript AGAP011447-RA	BM608336;BM616074	SNAP_ANOPHELES000000012398	-	-
52	AKVDDLQTLHTILYEGPAKPMVLR	M21(Oxidation)	176	1	2724.48647	3L:-:24777966-24777895	five prime utr-coding-exon of transcript AGAP011447-RA	BM608336;BM616074	SNAP_ANOPHELES000000012398	-	-
53	SQHAGDYECMAQNGIGNPISQTVTVVVK	C9(Carbamidomethyl), M10(Oxidation)	55	1	3019.42160	3L:+:31627134-31627217	five prime utr-coding-exon of transcript AGAP011700-RA	BM596444	SNAP_ANOPHELES000000018002	-	-
54	SLPTSFMNHTWIAAPK	-	55	2	900.95953	3L:-:32455479-32455432	five prime utr-coding-exon of transcript AGAP011725-RA	BM600651;BX037141;GO935210;BX005887;BX005886;BX467839	SNAP_ANOPHELES000000002262	-	-

55	VCSPDEMVGFSEGAK	C2(Carbamidomethyl), M7(Oxidation)	90	1	1628.69756	UNKN:-:12588074-12588030	five prime utr-coding-exon of transcript AGAP012537-RA	BX619701;BX069854	-	-	-
56	VCSPDEMVGFSEGAK	C2(Carbamidomethyl)	91	1	1612.69963	UNKN:-:12588074-12588030	five prime utr-coding-exon of transcript AGAP012537-RA	BX619701;BX069854	-	-	-
57	QDAIDSGNFQRPSTAPATSGESSTR	-	93	1	2580.20505	2R:-:5182968-5182894	intron-five prime utr of transcript AGAP001446-RA	-		- -	-
58	LLLFALYR	-	41	1	1008.63500	3R:-:38198612-38198589	intron-five prime utr of transcript AGAP009672-RA	-	-	-	-
59	STGEFENTDIVK	-	55	2	670.32275	2L:-:28228335-28228300	three prime utr of transcript AGAP006202-RA	BM589590;BX620681;BX619672	-	-	-
60	VESKLLQLLFVILR	Q7(Deamidated)	37	1	1672.01987	2L:-:30128605-30128564	three prime utr of transcript AGAP006346-RA	BM601730	-	-	-
61	DIVIFTTDQQPAAGK	-	108	1	1603.83550	2L:+:24447547-24447591	three prime utr of transcript AGAP005980-RA	BX033903;CR529169;BX055057;BX062991;BX032024	-	-	-
62	PLLLGISK	-	46	1	840.55730	2L:+:39093526-39093549	coding-exon-three prime utr of transcript AGAP006830-RA	BX624816;BX621858;BX623108	-	-	-
63	MVEFVDQQHDQFVFPAAINEQACYVAPR	C23(Carbamidomethyl)	100	1	3309.56321	2L:+:46560558-46560641	coding-exon-three prime utr of transcript AGAP007421-RA	BX045908;BX045909;BX060166;BX043498;BX039956;BX039957;BX040703;BX060165;BX060283;BX060284	-	-	-
64	MVEFVDQQHDQFVFPAAINEQACYVAPR	M1(Oxidation), C23(Carbamidomethyl)	136	1	3325.54502	2L:+:46560558-46560641	coding-exon-three prime utr of transcript AGAP007421-RA	BX045908;BX045909;BX060166;BX043498;BX039956;BX039957;BX040703;BX060165;BX060283;BX060284	-	-	-
65	MFDEGIFTR	M1(Oxidation)	64	1	1131.51323	2L:+:46560720-46560746	three prime utr of transcript AGAP007421-RA	BX045908;BX045909;BX060166;BX057673;BX043498;BX039956;BX039957;BX040703;BX060165;BX060283;BX060284	-	-	-
66	VSLQINK	Q4(Deamidated)	53	1	802.46582	2L:+:46713107-46713127	three prime utr of transcript AGAP007460-RB, three prime utr of transcript AGAP007460-RA	BM626038;CR532120;AJ283641;BX616764;ncbi_AJ283641;ncbi_BM626038;CR532119	-	-	-
67	RFIPLLLK	-	41	1	999.67015	2R:-:19974808-19974785	three prime utr of transcript AGAP002333-RA	BX062403;BX062404;BX021949;BX016469;BX070119;BX014866;BX024760;BX017601;BX019521;BX045847;BX045846	-	-	-
68	IELIKEEIESVR	-	63	1	1457.82666	2R:-:52958613-52958578	three prime utr of transcript AGAP004237-RA	BX625388	-	-	-
69	KAYADALAEPEQATTLNTDPEARPSVLANR	-	102	1	3212.62021	2R:+:20943606-20943695	coding-exon-three prime utr of transcript AGAP013481-RA	BX625233	-	-	-
70	YTDTLFTEQER	-	67	2	701.82861	3L:-:31278393-31278361	three prime utr of transcript AGAP011677-RA	BX041712;BM635868;BX041711	SNAP_ANOPHELES000000013738	CPIJ011526-PA	AAEL011382-PA
71	TREVNDLYNEMIEGGVISLK	N5(Deamidated)	66	1	2281.11380	3L:-:37743732-37743673	coding-exon-three prime utr of transcript AGAP012106-RA	BX043853;BX014258;BX009383	SNAP_ANOPHELES000000023370	-	-
72	TREVNDLYNEMIEGGVISLK	N9(Deamidated)	66	1	2281.11380	3L:-:37743732-37743673	coding-exon-three prime utr of transcript AGAP012106-RA	BX043853;BX014258;BX009383	SNAP_ANOPHELES000000023370	-	-

73	NEPVLMDSIVVGPK	-	52	2	749.40387	3L:-:41723560-41723519	three prime utr of transcript AGAP012399-RA	CR528785;CR528786	-	-	-
74	NEPVLMDSIVVGPK	M6(Oxidation)	86	1	1513.80193	3L:-:41723560-41723519	three prime utr of transcript AGAP012399-RA	CR528785;CR528786	-	-	-
75	VGLLAILSVNSVHEK	-	80	1	1578.92815	3L:-:41723605-41723561	three prime utr of transcript AGAP012399-RA	BM631165;CR528785;CR528786	-	-	-
76	VTSQWDTWAWTLR	-	63	2	825.41144	3L:-:7954143-7954105	three prime utr of transcript AGAP010647-RA	CX819226;CX817942;BX053247;BX053248;CX818457;ncbi_CX817507;CX817507	SNAP_ANOPHELES000023404	-	-
77	EPNSTTTTTIATSAADTTESK	-	107	1	2126.99687	3L:+:18188317-18188379	three prime utr of transcript AGAP011164-RA	BX607459;BM657045	SNAP_ANOPHELES000023641	-	-
78	LDVLLIIMKEGDAR	-	49	1	1585.89804	3L:+:18243298-18243339	three prime utr of transcript AGAP011176-RA	CR527513;CR527512	-	-	-
79	SVPADDLPQSAIAPGAPGFSCTPR	C21(Carbamidomethyl)	71	1	2411.16997	3L:+:20963802-20963873	three prime utr of transcript AGAP011319-RA	BX609854;BM622696;BX028956;BM623459;BX606380;BX071013;CR528866;CR528867;BX015423;BX607336;BX768433;BX606179;BX607380;BM605854;BX025249;BX606515;BX071014	SNAP_ANOPHELES000006913	-	-
80	YQCNTCLCSDDGK	C3(Carbamidomethyl), C6(Carbamidomethyl), C8(Carbamidomethyl)	61	1	1620.61077	3L:+:20963886-20963924	three prime utr of transcript AGAP011319-RA	BX609854;BX028956;CD743683;BM598949;AL692326;BM623459;BX606380;BX071013;CR528866;CR528867;BX015423;BX607336;BX768433;BX606179;BX607380;BM605854;BX025249;BX071014;ncbi_BM598949	SNAP_ANOPHELES000006913	-	-
81	TLREGTMEMQLVGDNIIVIK	M7(Oxidation), M9(Oxidation)	86	1	2292.18967	3L:+:41730727-41730786	coding-exon-three prime utr of transcript AGAP012401-RA	BM587248;BX626449;CR528813;CR528814;CR526190;CR526191;BX609401	SNAP_ANOPHELES000011847	-	-
82	EGTMEMQLVGDNIIVIK	-	64	1	1889.97049	3L:+:41730736-41730786	coding-exon-three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191;BX609401	SNAP_ANOPHELES000011847	-	-
83	EGTMEMQLVGDNIIVIK	M6(Oxidation)	81	1	1905.96892	3L:+:41730736-41730786	coding-exon-three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191;BX609401	SNAP_ANOPHELES000011847	-	-
84	EGTMEMQLVGDNIIVIK	M4(Oxidation), M6(Oxidation)	104	2	961.48334	3L:+:41730736-41730786	coding-exon-three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191;BX609401	SNAP_ANOPHELES000011847	-	-
85	EGTMEMQLVGDNIIVIK	M4(Oxidation)	78	2	953.48871	3L:+:41730736-41730786	coding-exon-three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191;BX609401	SNAP_ANOPHELES000011847	-	-
86	EGTMEMQLVGDNIIVIKR	M4(Oxidation), M6(Oxidation)	104	1	2078.06328	3L:+:41730736-41730789	coding-exon-three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191;BX609401	SNAP_ANOPHELES000011847	-	-
87	RHLEGASTIIAVLNFNK	-	95	1	1883.04973	3L:+:41730787-41730837	three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191	SNAP_ANOPHELES000011847	-	-

88	HLEGASTIIAVLNFNK	-	148	1	1726.94890	3L:+:41730790-41730837	three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191	SNAP_ANOPHELES000011847	-	-
89	HLEGASTIIAVLNFNK	N13(Deamidated)	91	2	864.46851	3L:+:41730790-41730837	three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191	SNAP_ANOPHELES000011847	-	-
90	DEVVLPADAAIVLEGNVANGI	-	79	2	1040.05261	3L:+:41731025-41731087	three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191	-	-	-
91	DEVVLPADAAIVLEGNVANGI	N19(Deamidated)	72	2	1040.54407	3L:+:41731025-41731087	three prime utr of transcript AGAP012401-RA	X87410;BM587248;BX626449;CR528813;CR528814;CR526190;CR526191	-	-	-
92	EQELSDCIVDKR	Q2(Deamidated), C7(Carbamidomethyl)	76	1	1492.69634	3R:-:46978547-46978512	three prime utr of transcript AGAP009974-RA	CX818758;CX818754;CX817815;CX817414;CX817965;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;AF457546;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX819380;CX817503;CX817826;ncbi_CX819055;CX818941;ncbi_CX817889;ncbi_CX818305;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;ncbi_CF542020;ncbi_CX817698;ncbi_CX817711;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;CX818228;CX818074;CF541700;CF541706;CX818130;EU734841;	SNAP_ANOPHELES000021648	-	-

93	EQELSDCIVDKR	C7(Carbamidomethyl)	90	1	1491.70989	3R:-:46978547-46978512	three prime utr of transcript AGAP009974-RA	CX818758;CX818754;CX817815;CX817414;CX817965;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;AF457546;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX819380;CX817503;CX817826;ncbi_CX819055;CX818941;ncbi_CX817889;ncbi_CX818305;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;ncbi_CF542020;ncbi_CX817698;ncbi_CX817711;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;CX818228;CX818074;CF541700;CF541706;CX818130;EU734841;	SNAP_ANOPHELES000000021648	-	-
94	EQELSDCIVDK	C7(Carbamidomethyl)	68	1	1335.61333	3R:-:46978547-46978515	three prime utr of transcript AGAP009974-RA	CX818758;CX818754;CX817815;CX817414;CX817965;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;AF457546;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX819380;CX817503;CX817826;ncbi_CX819055;CX818941;ncbi_CX817889;ncbi_CX818305;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;ncbi_CF542020;ncbi_CX817698;ncbi_CX817711;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;CX818228;CX818074;CF541700;CF541706;CX818130;EU734841;	SNAP_ANOPHELES000000021648	-	-

95	ELDDGLIEREQELSDCIVDK	C16(Carbamidomethyl)	140	1	2376.12815	3R:-:46978574-46978515	three prime utr of transcript AGAP009974-RA	CX818758;CX818754;CX817815;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;AF457546;CX818642;CX817366;CX819416;CX817732;CX817503;CX817826;ncbi_CX819055;CX818941;ncbi_CX817889;ncbi_CX818305;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;ncbi_CF542020;ncbi_CX817698;ncbi_CX817711;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;CX818228;CX818074;CF541700;CX818130;EU734841;CX817239;CX819311;CX817491;CX818782;CX817755;	SNAP_ANOPHELES000000021648	-	-
96	ELDDGLIER	-	66	2	530.27045	3R:-:46978574-46978548	three prime utr of transcript AGAP009974-RA	CX818758;CX818754;CX817815;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;AF457546;CX818642;CX817366;CX819416;CX817732;CX817503;CX817826;ncbi_CX819055;CX818941;ncbi_CX817889;ncbi_CX818305;CX818339;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;ncbi_CF542020;ncbi_CX817320;ncbi_CX817698;ncbi_CX817711;CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;BM607342;CX818228;CX818074;CF541700;CX818130;CX817705;	SNAP_ANOPHELES000000021648	-	-

97	TNTSCGTEGTRELDDGLIER	C5(Carbamidomethyl)	140	1	2224.02152	3R:-:46978607-46978548	three prime utr of transcript AGAP009974-RA	CX818758;CX818754;CX817815;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;CX818642;CX817366;CX819416;CX817732;CX817503;CX817826;ncbi_CX819055;CX818941;ncbi_CX817889;ncbi_CX818305;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;CX817480;ncbi_CF542020;ncbi_CX817320;ncbi_CX817698;ncbi_CX817711;CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;BM607342;CX818228;CX818074;CF541700;CX818130;CX817705;EU734841;CX817239;	SNAP_ANOPHELES000000021648	-	-
98	TNTSCGTEGTR	C5(Carbamidomethyl)	81	1	1183.50359	3R:-:46978607-46978575	three prime utr of transcript AGAP009974-RA	CX818758;CX818759;CX818754;CX817815;CX817414;CX817965;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX819380;CX817503;CX817826;ncbi_CX819055;CX818941;ncbi_CX817889;ncbi_CX818305;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;CX817480;ncbi_CF542020;ncbi_CX817320;ncbi_CX817698;ncbi_CX817711;CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;BM607342;CX818228;CX8	SNAP_ANOPHELES000000021648	-	-

99	DKTNTSCGTEGTR	N4(Deamidated), C7(Carbamidomethyl)	89	1	1427.60747	3R:-:46978613-46978575	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CX817815; CX817414;CX817965; CX818835;ncbi_CX819 326;ncbi_CX819324;nc bi_CX817912;CX81909 1;CX819095;ncbi_CX8 17491;ncbi_CX819229; CX818111;ncbi_CX819 316;CX818642;CX8173 66;CX819416;CX81773 2;CX819380;CX817503 ;CX817826;ncbi_CX81 9055;CX818941;ncbi_C X817889;ncbi_CX8183 05;CX818330;CF54158 8;ncbi_CX817526;ncbi_ CX819344;CF541717; CF541804;CX817793; CX819326;CX819324; CX818435;ncbi_CX819 095;ncbi_CX819091;C X817887;CX817889;C X818671;CX817480;nc bi_CF542020;ncbi_CX8 17320;ncbi_CX817698; ncbi_CX817711;CX818 682;CF542020;ncbi_C X817214;CX818416;C X817944;ncbi_CX8187 61;ncbi_CX817930;BM 607342;CX818228;CX8	SNAP_ANOPHELES00 000021648	-	-
100	DKTNTSCGTEGTR	C7(Carbamidomethyl)	81	1	1426.62151	3R:-:46978613-46978575	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CX817815; CX817414;CX817965; CX818835;ncbi_CX819 326;ncbi_CX819324;nc bi_CX817912;CX81909 1;CX819095;ncbi_CX8 17491;ncbi_CX819229; CX818111;ncbi_CX819 316;CX818642;CX8173 66;CX819416;CX81773 2;CX819380;CX817503 ;CX817826;ncbi_CX81 9055;CX818941;ncbi_C X817889;ncbi_CX8183 05;CX818330;CF54158 8;ncbi_CX817526;ncbi_ CX819344;CF541717; CF541804;CX817793; CX819326;CX819324; CX818435;ncbi_CX819 095;ncbi_CX819091;C X817887;CX817889;C X818671;CX817480;nc bi_CF542020;ncbi_CX8 17320;ncbi_CX817698; ncbi_CX817711;CX818 682;CF542020;ncbi_C X817214;CX818416;C X817944;ncbi_CX8187 61;ncbi_CX817930;BM 607342;CX818228;CX8	SNAP_ANOPHELES00 000021648	-	-

101	SYEECSK	C5(Carbamidomethyl)	49	1	902.35588	3R:-:46978634-46978614	three prime utr of transcript AGAP009974-RA	CX818758;CX818759;CX818754;CX817815;CX817414;CX817965;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;ncbi_CX819229;CX818111;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX819380;CX817503;CX817826;ncbi_CX819055;CX818439;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;CX817480;ncbi_CF542020;ncbi_CX817320;ncbi_CX817698;ncbi_CX817711;CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;BM	SNAP_ANOPHELES000000021648	-	-
102	ESEKSYEECSK	C9(Carbamidomethyl)	75	1	1375.56938	3R:-:46978646-46978614	three prime utr of transcript AGAP009974-RA	CX818758;CX818759;CX818754;CX817815;CX817414;CX817965;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;CX818111;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX819380;CX817503;CX817826;ncbi_CX819055;BM584814;ncbi_CX817889;ncbi_CX818305;CX818339;CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;CX817480;ncbi_CF542020;ncbi_CX817320;ncbi_CX817698;ncbi_CX817711;CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;BM607342;CX818228;CX818074;CF5	SNAP_ANOPHELES000000021648	-	-

103	ECFSSLDKDVSAMVK	C2(Carbamidomethyl), M13(Oxidation)	113	1	1731.79704	3R:-:46978691-46978647	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CX817815; CX817414;CX817965; CX818835;ncbi_CX819 326;ncbi_CX817912;C X819091;CX819095;nc bi_CX817491;CX81811 1;GO935187;AF457546 ;ncbi_CX819316;CX81 8642;CX817366;CX819 416;CX817732;CX8178 26;ncbi_CX819055;CX 818941;BM584814;ncbi _CX817889;ncbi_CX81 8305;CX818339;CX818 330;CF541588;CF5415 86;ncbi_CX817526;ncbi _CX819344;CF541717; CF541804;CX817793; CX819326;CX818435;n cbi_CX819095;ncbi_CX 819091;CX817887;CX8 17889;CX818671;CX81 7480;ncbi_CF542020;n cbi_CX817320;ncbi_CX 817698;ncbi_CX81771 1;CX818682;CF542020 ;ncbi_CX817214;CX81 8416;CX817944;ncbi_C X818761;ncbi_CX8179 30;BM607342;CX8182 28;CX818074;CF54170	SNAP_ANOPHELES00 000021648	-	-
104	ECFSSLDKDVSAMVK	C2(Carbamidomethyl)	114	1	1715.80046	3R:-:46978691-46978647	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CX817815; CX817414;CX817965; CX818835;ncbi_CX819 326;ncbi_CX817912;C X819091;CX819095;nc bi_CX817491;CX81811 1;GO935187;AF457546 ;ncbi_CX819316;CX81 8642;CX817366;CX819 416;CX817732;CX8178 26;ncbi_CX819055;CX 818941;BM584814;ncbi _CX817889;ncbi_CX81 8305;CX818339;CX818 330;CF541588;CF5415 86;ncbi_CX817526;ncbi _CX819344;CF541717; CF541804;CX817793; CX819326;CX818435;n cbi_CX819095;ncbi_CX 819091;CX817887;CX8 17889;CX818671;CX81 7480;ncbi_CF542020;n cbi_CX817320;ncbi_CX 817698;ncbi_CX81771 1;CX818682;CF542020 ;ncbi_CX817214;CX81 8416;CX817944;ncbi_C X818761;ncbi_CX8179 30;BM607342;CX8182 28;CX818074;CF54170	SNAP_ANOPHELES00 000021648	-	-

105	IKECFSSLDK	C4(Carbamidomethyl)	79	1	1226.60784	3R:-:46978697-46978668	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CF542132; CX817815;CX817414; CX817965;CX818835;ncbi_CX819326;ncbi_CX819324;ncbi_CX817912;CX819091;CX819095;ncbi_CX817491;CX818111;GO935187;AF457546;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX817826;ncbi_CX819055;CX818941;BM584814;ncbi_CX817889;ncbi_CX818305;CX818339; CX818330;CF541588;ncbi_CX817526;ncbi_CX819344;CF541717;CF541804;CX817793;CX819326;CX819324;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;CX817480;ncbi_CF542020;ncbi_CX817320;ncbi_CX817698;ncbi_CX817711;CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;	SNAP_ANOPHELES000000021648	-	-
106	LMNPTIDLVSTIEKYSK	M2(Oxidation)	153	1	1968.03752	3R:-:46978820-46978770	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CX817815; CX817414;CX817965; CX818835;ncbi_CX819326;ncbi_CX817912;CX819091;CX819095;CX818111;GO935187;BM593728;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX817826;ncbi_CX819055;CX818941;BM584814;ncbi_CX817889;ncbi_CX818305;CX818339;CX818330;CF541588;CF541586;ncbi_CX817526;BM608272;ncbi_CX819344;CF541804; CX817793;CX819326; CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;CX817480;ncbi_CF542020;ncbi_CX817698;ncbi_CX817711; CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;BM607342;CX818228;CX818074;CF541700	SNAP_ANOPHELES000000021648	-	-

107	LMNPTIDLVSTIEKYSK	-	90	2	976.53143	3R:-:46978820-46978770	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CX817815; CX817414;CX817965; CX818835;ncbi_CX819 326;ncbi_CX817912;C X819091;CX819095;C X818111;GO935187;B M593728;ncbi_CX8193 16;CX818642;CX81736 6;CX819416;CX817732 ;CX817826;ncbi_CX81 9055;CX818941;BM58 4814;ncbi_CX817889;n cbi_CX818305;CX8183 39;CX818330;CF54158 8;CF541586;ncbi_CX8 17526;BM608272;ncbi_ CX819344;CF541804; CX817793;CX819326; CX818435;ncbi_CX819 095;ncbi_CX819091;C X817887;CX817889;C X818671;CX817480;nc bi_CF542020;ncbi_CX8 17698;ncbi_CX817711; CX818682;CF542020;n cbi_CX817214;CX8184 16;CX817944;ncbi_CX 818761;ncbi_CX81793 0;BM607342;CX81822 8;CX818074;CF541700 ;CF541706;CX818130;	SNAP_ANOPHELES00 000021648	-	-
108	LMNPTIDLVSTIEK	M2(Oxidation)	111	1	1589.84819	3R:-:46978820-46978779	three prime utr of transcript AGAP009974-RA	CX818758;CX818759; CX818754;CX817815; CX817414;CX817965; CX818835;ncbi_CX819 326;ncbi_CX817912;C X819091;CX819095;C X818111;GO935187;A F457546;BM593728;nc bi_CX819316;CX81864 2;CX817366;CX819416 ;CX817732;CX817826; ncbi_CX819055;CX818 941;BM584814;ncbi_C X817889;ncbi_CX8183 05;CX818339;CX81833 0;CF541588;CF541586 ;ncbi_CX817526;BM60 8272;ncbi_CX819344;C F541804;CX817793;CX 819326;CX818435;ncbi _CX819095;ncbi_CX81 9091;CX817887;CX817 889;CX818671;CX8174 80;ncbi_CF542020;ncbi _CX817698;ncbi_CX81 7711;CX818682;CF542 020;ncbi_CX817214;C X818416;CX817944;nc bi_CX818761;ncbi_CX 817930;BM607342;CX 818228;CX818074;CF5 41700;CF541706;CX81	SNAP_ANOPHELES00 000021648	-	-

109	LMNPTIDLVSTIEK	-	113	1	1573.85539	3R:-:46978820-46978779	three prime utr of transcript AGAP009974-RA	CX818758;CX818759;CX818754;CX817815;CX817414;CX817965;CX818835;ncbi_CX819326;ncbi_CX817912;CX819091;CX819095;CX818111;GO935187;AF457546;BM593728;ncbi_CX819316;CX818642;CX817366;CX819416;CX817732;CX817826;ncbi_CX819055;CX818941;BM584814;ncbi_CX817889;ncbi_CX818305;CX818339;CX818330;CF541588;CF541586;ncbi_CX817526;BM608272;ncbi_CX819344;CF541804;CX817793;CX819326;CX818435;ncbi_CX819095;ncbi_CX819091;CX817887;CX817889;CX818671;CX817480;ncbi_CF542020;ncbi_CX817698;ncbi_CX817711;CX818682;CF542020;ncbi_CX817214;CX818416;CX817944;ncbi_CX818761;ncbi_CX817930;BM607342;CX818228;CX818074;CF541700;CF541706;CX81	SNAP_ANOPHELES000000021648	-	-
110	RILVATNLFGR	-	46	1	1259.76030	3R:+:25439201-25439233	three prime utr of transcript AGAP009075-RA	BX059269;BX016176;BX071202;BX055210;BX019863;BX029114;BX015458;BM645368;BX617283;BX061599;BX058632;BX051387;BM631064;AL933653;BX006184;BM607700;BX016791;BX008715	-	CPIJ014241-PA	AAEL001216-PA
111	ILVATNLFGR	-	94	2	552.33228	3R:+:25439204-25439233	three prime utr of transcript AGAP009075-RA	BX059269;BX016176;BX071202;BX055210;BX019863;BX029114;BX015458;BM645368;BX617283;BX061599;BX058632;BX051387;BM631064;AL933653;BX006184;BM607700;BX016791;BX008715	-	CPIJ014241-PA	AAEL001216-PA
112	VNIVFNYDMPEDSDTYLHR	M9(Oxidation)	96	1	2344.06034	3R:+:25439252-25439308	three prime utr of transcript AGAP009075-RA	BX024139;BX057438;BX059269;BX016176;BX071202;BX055210;BX019863;BX029114;BX015458;BM645368;BX061599;BX058632;BX051387;BX051176;BX067292;BM607700;BX016791;BX008715;BX012342	-	CPIJ014241-PA	AAEL001216-PA

113	GLAITFISDEADAK	-	123	1	1450.74785	3R:+:25439339-25439380	three prime utr of transcript AGAP009075-RA	BX024139;BX057438;BX067291;BX059269;BX016176;BX071202;BX055210;BX019863;BX035114;BX035113;BX029114;BX015458;BX039627;BM645368;BX055544;BX061599;BX051387;BX051176;BM582467;BX067292;BX006184;BM607700;BX016791;BX008716;BX008715;BX012342	-	-	-
114	LVAELGISR	-	55	1	957.56108	3R:+:28064935-28064961	three prime utr of transcript AGAP009168-RA	BM604243	-	-	-

	Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.						
	Supplementary Table 2. Complete list of proteins identified from *Anopheles gambiae*						
	Accession	**# AAs**	**MW [kDa]**	**Description**	**ΣCoverage**	**Σ# PSMs**	**Σ# Peptides**
1	AGAP001633-PA	8140	913.6	hypothetical protein|protein_coding|2R:7152914-7184747:-1|gene:AGAP001633	53.06	2693	295
2	AGAP007563-PA	15844	1783.6	hypothetical protein|protein_coding|2L:47632812-47715421:1|gene:AGAP007563	22.92	1217	236
3	AGAP001826-PA	3370	371.0	hypothetical protein|protein_coding|2R:11117036-11163371:-1|gene:AGAP001826	71.04	6541	233
4	AGAP009917-PA	2952	338.1	hypothetical protein|protein_coding|3R:45281286-45290207:-1|gene:AGAP009917	71.07	8193	206
5	AGAP010147-PJ	1961	224.0	hypothetical protein|protein_coding|3R:49460519-49482350:1|gene:AGAP010147	71.85	12708	201
6	AGAP010147-PH	1961	223.6	hypothetical protein|protein_coding|3R:49460519-49482350:1|gene:AGAP010147	71.19	12634	199
7	AGAP010147-PE	1943	222.0	hypothetical protein|protein_coding|3R:49460519-49481064:1|gene:AGAP010147	70.66	12319	198
8	AGAP010147-PB	1961	224.0	hypothetical protein|protein_coding|3R:49460519-49482350:1|gene:AGAP010147	70.53	12324	197
9	AGAP010147-PD	1961	224.0	hypothetical protein|protein_coding|3R:49460519-49482350:1|gene:AGAP010147	70.42	12387	197
10	AGAP010147-PK	1961	223.7	hypothetical protein|protein_coding|3R:49460519-49482350:1|gene:AGAP010147	70.02	12295	197
11	AGAP010147-PG	1961	224.1	hypothetical protein|protein_coding|3R:49460519-49482350:1|gene:AGAP010147	70.53	12210	196
12	AGAP009918-PA	2959	339.3	hypothetical protein|protein_coding|3R:45291206-45300124:1|gene:AGAP009918	67.83	7088	195
13	AGAP003656-PB	4056	450.9	hypothetical protein|protein_coding|2R:41180953-41214353:1|gene:AGAP003656	50.37	3817	170
14	AGAP007563-PC	4897	550.4	hypothetical protein|protein_coding|2L:47632812-47655529:1|gene:AGAP007563	47.31	1262	170
15	AGAP011396-PA	8583	956.2	hypothetical protein|protein_coding|3L:23602431-23670309:-1|gene:AGAP011396	24.62	784	164

16	AGAP005471-PA	5295	595.4	hypothetical protein|protein_coding|2L:16024036-16056541:1|gene:AGAP005471	35.51	1427	152
17	AGAP006686-PA	2417	278.2	hypothetical protein|protein_coding|2L:36690201-36701588:1|gene:AGAP006686	67.85	950	152
18	AGAP010895-PA	2301	266.4	hypothetical protein|protein_coding|3L:12732941-12745929:1|gene:AGAP010895	59.76	1239	126
19	AGAP001194-PA	4874	520.2	hypothetical protein|protein_coding|2R:1215908-1232126:1|gene:AGAP001194	47.66	632	113
20	AGAP007563-PB	7484	847.2	hypothetical protein|protein_coding|2L:47632812-47674394:1|gene:AGAP007563	20.12	431	102
21	AGAP003610-PA	2338	262.4	hypothetical protein|protein_coding|2R:40488867-40496422:-1|gene:AGAP003610	46.88	914	101
22	AGAP009554-PA	11410	1308.4	hypothetical protein|protein_coding|3R:36050238-36117882:-1|gene:AGAP009554	11.2	237	98
23	AGAP004993-PA	3704	411.8	hypothetical protein|protein_coding|2L:7594392-7607743:1|gene:AGAP004993	36.99	501	93
24	AGAP007918-PA	1356	149.1	hypothetical protein|protein_coding|3R:2800614-2805240:1|gene:AGAP007918	76.99	587	92
25	AGAP006225-PA	1264	138.7	hypothetical protein|protein_coding|2L:28535006-28539260:1|gene:AGAP006225	75.95	500	85
26	AGAP007474-PA	2717	292.5	hypothetical protein|protein_coding|2L:46754148-46767650:-1|gene:AGAP007474	41.81	341	85
27	AGAP013758-PA	1356	149.3	hypothetical protein|protein_coding|3R:2792972-2797139:1|gene:AGAP013758	67.4	418	85
28	AGAP004877-PA	882	102.8	hypothetical protein|protein_coding|2L:4852047-4865290:1|gene:AGAP004877	78.23	304	84
29	AGAP007852-PB	787	85.4	hypothetical protein|protein_coding|3R:2122554-2126811:-1|gene:AGAP007852	77.38	950	84
30	AGAP006366-PA	1059	118.7	hypothetical protein|protein_coding|2L:30516503-30528796:-1|gene:AGAP006366	69.31	941	81
31	AGAP007523-PA	1974	227.9	hypothetical protein|protein_coding|2L:47149991-47186184:1|gene:AGAP007523	46.86	304	80
32	AGAP006366-PC	1019	114.5	hypothetical protein|protein_coding|2L:30516503-30528796:-1|gene:AGAP006366	69.38	952	79
33	AGAP006366-PE	1014	113.9	hypothetical protein|protein_coding|2L:30516503-30528796:-1|gene:AGAP006366	68.05	889	76

34	AGAP002858-PA	1000	110.9	hypothetical protein|protein_coding|2R:28371857-28387114:1|gene:AGAP002858	61.3	1029	75
35	AGAP002858-PB	1000	110.8	hypothetical protein|protein_coding|2R:28371857-28387114:1|gene:AGAP002858	61.4	1031	75
36	AGAP004742-PA	1196	132.2	hypothetical protein|protein_coding|2L:2999465-3004703:-1|gene:AGAP004742	66.81	426	75
37	AGAP004742-PB	1180	130.4	hypothetical protein|protein_coding|2L:2999465-3004703:-1|gene:AGAP004742	66.86	419	75
38	AGAP003021-PB	1676	191.3	hypothetical protein|protein_coding|2R:31211005-31217737:1|gene:AGAP003021	49.28	626	74
39	AGAP011204-PA	843	96.2	hypothetical protein|protein_coding|3L:19302937-19315792:1|gene:AGAP011204	76.63	840	74
40	AGAP003153-PA	614	68.2	V-type proton ATPase catalytic subunit A (V-ATPase subunit A)(EC 3.6.3.14)(Vacuolar proton pump subunit alpha)(V-ATPase 69 kDa subunit)|protein_coding|2R:33386137-33388965:-1|gene:AGAP003153	95.6	2725	70
41	AGAP007939-PA	842	96.8	hypothetical protein|protein_coding|3R:3218295-3221971:-1|gene:AGAP007939	72.92	340	70
42	AGAP009176-PA	2446	265.8	hypothetical protein|protein_coding|3R:28141291-28150307:1|gene:AGAP009176	36.67	356	69
43	AGAP009441-PA	844	94.5	hypothetical protein|protein_coding|3R:33496915-33501698:-1|gene:AGAP009441	76.54	443	68
44	AGAP008752-PA	1108	120.0	hypothetical protein|protein_coding|3R:17088640-17092062:1|gene:AGAP008752	68.86	2279	67
45	AGAP002858-PC	1040	115.3	hypothetical protein|protein_coding|2R:28323518-28387114:1|gene:AGAP002858	59.04	4131	66
46	AGAP006958-PA	720	82.0	Heat shock protein 83|protein_coding|2L:40256208-40258370:-1|gene:AGAP006958	63.19	265	65
47	AGAP005672-PA	919	104.0	hypothetical protein|protein_coding|2L:18535638-18541919:-1|gene:AGAP005672	72.47	237	64
48	AGAP006366-PB	1034	116.3	hypothetical protein|protein_coding|2L:30516503-30528796:-1|gene:AGAP006366	64.6	1552	64
49	AGAP007629-PB	1624	179.5	laminin gamma 1|protein_coding|2L:48475732-48482983:1|gene:AGAP007629	46.8	225	64
50	AGAP009730-PA	1581	180.3	hypothetical protein|protein_coding|3R:41854420-41860198:-1|gene:AGAP009730	51.49	722	64
51	AGAP010024-PA	3202	344.8	hypothetical protein|protein_coding|3R:47930147-47941811:1|gene:AGAP010024	30.45	561	64

52	AGAP001200-PB	1532	173.1	hypothetical protein|protein_coding|2R:1285928-1291040:1|gene:AGAP001200	53.39	211	63
53	AGAP001606-PA	1344	143.8	hypothetical protein|protein_coding|2R:6683334-6687805:1|gene:AGAP001606	57.51	306	63
54	AGAP001662-PA	2790	301.2	hypothetical protein|protein_coding|2R:7610594-7623254:-1|gene:AGAP001662	31.94	430	62
55	AGAP004440-PC	4189	480.9	hypothetical protein|protein_coding|2R:56061220-56086452:1|gene:AGAP004440	17.71	137	62
56	AGAP006186-PA	998	109.5	Calcium-transporting ATPase sarcoplasmic/endoplasmic reticulum type (EC 3.6.3.8)(Calcium pump)|protein_coding|2L:27903046-27925991:1|gene:AGAP006186	53.11	3321	62
57	AGAP006186-PB	1001	109.9	Calcium-transporting ATPase sarcoplasmic/endoplasmic reticulum type (EC 3.6.3.8)(Calcium pump)|protein_coding|2L:27903046-27928073:1|gene:AGAP006186	52.95	3268	62
58	AGAP002076-PA	656	71.3	hypothetical protein|protein_coding|2R:14828744-14830714:1|gene:AGAP002076	79.57	712	60
59	AGAP005134-PA	551	59.4	hypothetical protein|protein_coding|2L:10355424-10358073:1|gene:AGAP005134	78.77	1362	59
60	AGAP001424-PA	800	91.3	hypothetical protein|protein_coding|2R:4750041-4752631:-1|gene:AGAP001424	63.75	718	58
61	AGAP004860-PA	915	104.1	hypothetical protein|protein_coding|2L:4506937-4510013:-1|gene:AGAP004860	65.9	1429	58
62	AGAP000019-PA	1333	148.2	hypothetical protein|protein_coding|X:284190-288873:1|gene:AGAP000019	51.61	756	57
63	AGAP003860-PB	681	77.4	hypothetical protein|protein_coding|2R:44661586-44672811:1|gene:AGAP003860	63.88	556	57
64	AGAP008632-PA	908	100.2	hypothetical protein|protein_coding|3R:13774626-13779335:-1|gene:AGAP008632	64.21	410	57
65	AGAP011026-PA	570	63.4	hypothetical protein|protein_coding|3L:14583939-14586101:-1|gene:AGAP011026	73.51	4965	57
66	AGAP000551-PA	914	102.5	hypothetical protein|protein_coding|X:9857661-9862680:1|gene:AGAP000551	61.93	266	56
67	AGAP002015-PA	4669	532.8	hypothetical protein|protein_coding|2R:13936707-13955790:1|gene:AGAP002015	17.33	112	56
68	AGAP002101-PA	1217	139.5	hypothetical protein|protein_coding|2R:15427630-15431376:1|gene:AGAP002101	52.51	254	56
69	AGAP002272-PC	2412	264.5	hypothetical protein|protein_coding|2R:18435017-18456860:1|gene:AGAP002272	34.08	204	56

70	AGAP002364-PA	739	82.0	hypothetical protein|protein_coding|2R:20646740-20649951:-1|gene:AGAP002364	74.15	208	56
71	AGAP008227-PA	816	92.0	hypothetical protein|protein_coding|3R:7167891-7172527:-1|gene:AGAP008227	61.89	275	56
72	AGAP006360-PA	2076	227.7	hypothetical protein|protein_coding|2L:30472728-30489533:1|gene:AGAP006360	34.15	216	55
73	AGAP000550-PA	1429	164.1	hypothetical protein|protein_coding|X:9847202-9853829:1|gene:AGAP000550	39.89	953	54
74	AGAP000562-PA	578	68.3	Moesin/ezrin/radixin homolog 1|protein_coding|X:9974551-10002498:1|gene:AGAP000562	68.86	290	54
75	AGAP002364-PB	746	82.8	hypothetical protein|protein_coding|2R:20646740-20649951:-1|gene:AGAP002364	66.89	403	54
76	AGAP003018-PA	910	101.1	hypothetical protein|protein_coding|2R:31185721-31198614:-1|gene:AGAP003018	63.74	486	54
77	AGAP001381-PA	1893	212.6	hypothetical protein|protein_coding|2R:4053156-4061875:-1|gene:AGAP001381	36.93	161	53
78	AGAP001936-PB	1089	124.9	hypothetical protein|protein_coding|2R:12651543-12665202:1|gene:AGAP001936	55	404	53
79	AGAP011161-PA	627	68.0	hypothetical protein|protein_coding|3L:18115145-18118550:1|gene:AGAP011161	78.79	373	53
80	AGAP001345-PA	708	82.7	hypothetical protein|protein_coding|2R:3362647-3364773:1|gene:AGAP001345	76.69	1024	52
81	AGAP004002-PA	573	60.7	hypothetical protein|protein_coding|2R:47808071-47809937:-1|gene:AGAP004002	84.82	551	51
82	AGAP007784-PB	771	82.8	hypothetical protein|protein_coding|3R:833413-836343:1|gene:AGAP007784	68.48	310	51
83	AGAP004362-PB	554	61.3	hypothetical protein|protein_coding|2R:55056306-55066884:-1|gene:AGAP004362	76.35	1076	50
84	AGAP004596-PA	518	56.2	hypothetical protein|protein_coding|2R:58245995-58250845:-1|gene:AGAP004596	90.54	518	50
85	AGAP004870-PA	1328	146.2	hypothetical protein|protein_coding|2L:4692754-4697401:1|gene:AGAP004870	42.47	124	50
86	AGAP005845-PA	385	44.0	hypothetical protein|protein_coding|2L:22427582-22433665:-1|gene:AGAP005845	90.91	439	50
87	AGAP010156-PA	1082	118.3	hypothetical protein|protein_coding|3R:49548211-49554491:1|gene:AGAP010156	63.12	306	50

88	AGAP004192-PA	659	72.7	hypothetical protein|protein_coding|2R:51642759-51644738:1|gene:AGAP004192	61.46	699	49
89	AGAP005630-PA	804	89.2	hypothetical protein|protein_coding|2L:18010658-18014675:-1|gene:AGAP005630	71.64	229	49
90	AGAP005768-PA	690	82.2	Hexamerin-1.1 Precursor (HEX-1.1)(AgHexA)(AgHex-1.1)|protein_coding|2L:20386970-20389448:-1|gene:AGAP005768	58.55	1271	49
91	AGAP007523-PB	2003	230.9	hypothetical protein|protein_coding|2L:47149991-47187217:1|gene:AGAP007523	34.4	225	49
92	AGAP012185-PA	1648	178.8	hypothetical protein|protein_coding|3L:38503824-38514654:1|gene:AGAP012185	43.33	300	49
93	AGAP001657-PA	712	84.1	hypothetical protein|protein_coding|2R:7534949-7537087:-1|gene:AGAP001657	79.92	1348	48
94	AGAP002654-PB	1205	126.7	hypothetical protein|protein_coding|2R:25182019-25187647:-1|gene:AGAP002654	52.28	130	48
95	AGAP002884-PA	498	55.5	hypothetical protein|protein_coding|2R:28670971-28673585:1|gene:AGAP002884	92.57	1877	48
96	AGAP004904-PA	504	56.8	AGAP004904-PA|Catalase.|protein_coding|2L:5772129-5780988:1|gene:AGAP004904	88.89	418	48
97	AGAP001256-PA	628	70.6	hypothetical protein|protein_coding|2R:2053489-2058666:-1|gene:AGAP001256	76.43	289	47
98	AGAP001588-PA	808	92.8	hypothetical protein|protein_coding|2R:6491962-6495261:-1|gene:AGAP001588	52.35	585	47
99	AGAP001659-PA	711	83.9	hypothetical protein|protein_coding|2R:7552174-7554309:1|gene:AGAP001659|Catalase.|protein_coding|2L:5772129-5780988:1|gene:AGAP004904	64.42	1471	47
100	AGAP007258-PA	901	98.5	hypothetical protein|protein_coding|2L:44757513-44760849:-1|gene:AGAP007258	59.71	141	47
101	AGAP012407-PA	472	53.1	hypothetical protein|protein_coding|3L:41763690-41768233:-1|gene:AGAP012407	78.6	240	47
102	AGAP001256-PC	666	74.6	hypothetical protein|protein_coding|2R:2053489-2056835:-1|gene:AGAP001256	72.82	288	46
103	AGAP005467-PA	1304	145.3	hypothetical protein|protein_coding|2L:15971450-15975456:1|gene:AGAP005467	42.41	171	46
104	AGAP006226-PA	1265	140.1	hypothetical protein|protein_coding|2L:28540894-28545294:1|gene:AGAP006226	49.41	129	46
105	AGAP008369-PA	1458	169.5	hypothetical protein|protein_coding|3R:10088721-10093463:1|gene:AGAP008369	43.28	297	46

106	AGAP009937-PA	1520	166.4	hypothetical protein|protein_coding|3R:45691228-45703921:1|gene:AGAP009937	44.14	222	46
107	AGAP011092-PA	634	70.6	hypothetical protein|protein_coding|3L:16474901-16480123:-1|gene:AGAP011092	73.03	190	46
108	AGAP001827-PA	968	107.6	hypothetical protein|protein_coding|2R:11265748-11268729:-1|gene:AGAP001827	56.3	221	45
109	AGAP004362-PD	554	61.3	hypothetical protein|protein_coding|2R:55058472-55066884:-1|gene:AGAP004362	72.92	924	45
110	AGAP010023-PA	2257	239.1	hypothetical protein|protein_coding|3R:47881857-47893426:1|gene:AGAP010023	36.69	299	45
111	AGAP010251-PA	1231	139.4	hypothetical protein|protein_coding|3R:51658337-51662103:-1|gene:AGAP010251	50.61	109	45
112	AGAP010750-PA	5109	577.2	hypothetical protein|protein_coding|3L:9789482-9818643:1|gene:AGAP010750	12.49	124	45
113	AGAP000862-PA	944	107.4	hypothetical protein|protein_coding|X:15870891-15873945:1|gene:AGAP000862	56.67	253	44
114	AGAP000901-PA	552	60.7	hypothetical protein|protein_coding|X:17030535-17036473:-1|gene:AGAP000901	79.53	444	44
115	AGAP001653-PA	726	79.1	hypothetical protein|protein_coding|2R:7320328-7322744:1|gene:AGAP001653	67.22	840	44
116	AGAP002828-PA	1734	195.2	hypothetical protein|protein_coding|2R:28058921-28066692:1|gene:AGAP002828	34.83	270	44
117	AGAP004362-PA	570	63.1	hypothetical protein|protein_coding|2R:55056306-55066884:-1|gene:AGAP004362	71.75	1345	44
118	AGAP004394-PA	722	81.4	hypothetical protein|protein_coding|2R:55591068-55593533:1|gene:AGAP004394	65.51	194	44
119	AGAP007827-PA	433	46.6	hypothetical protein|protein_coding|3R:1485308-1486754:1|gene:AGAP007827	92.38	538	44
120	AGAP010428-PA	682	79.4	hypothetical protein|protein_coding|3L:3183627-3188507:-1|gene:AGAP010428	54.25	146	44
121	AGAP010429-PA	659	72.2	hypothetical protein|protein_coding|3L:3189394-3192278:1|gene:AGAP010429	68.89	437	44
122	AGAP000610-PA	431	49.2	hypothetical protein|protein_coding|X:11077270-11078565:1|gene:AGAP000610	74.94	2427	43
123	AGAP000679-PA	409	46.4	hypothetical protein|protein_coding|X:12117667-12119325:1|gene:AGAP000679	93.64	531	43

124	AGAP000720-PA	1260	140.1	hypothetical protein|protein_coding|X:13096618-13122314:1|gene:AGAP000720	45.56	213	43
125	AGAP002145-PA	681	73.1	hypothetical protein|protein_coding|2R:16414544-16419006:-1|gene:AGAP002145	70.48	329	43
126	AGAP002739-PA	3538	386.7	hypothetical protein|protein_coding|2R:26428070-26440703:1|gene:AGAP002739	16.25	204	43
127	AGAP006901-PA	2116	230.2	hypothetical protein|protein_coding|2L:39705181-39729833:-1|gene:AGAP006901	30.01	270	43
128	AGAP008578-PA	596	65.1	hypothetical protein|protein_coding|3R:13262401-13264364:1|gene:AGAP008578	75	307	43
129	AGAP010876-PA	641	69.3	hypothetical protein|protein_coding|3L:12373514-12375690:1|gene:AGAP010876	66.46	255	43
130	AGAP000562-PB	575	68.0	Moesin/ezrin/radixin homolog 1|protein_coding|X:9985762-10002498:1|gene:AGAP000562	64	197	42
131	AGAP001700-PA	2666	292.7	hypothetical protein|protein_coding|2R:8791640-8800165:-1|gene:AGAP001700	21.08	99	42
132	AGAP004366-PA	573	63.5	hypothetical protein|protein_coding|2R:55076751-55081158:-1|gene:AGAP004366	67.89	1013	42
133	AGAP006452-PA	1700	197.1	hypothetical protein|protein_coding|2L:32266716-32296522:1|gene:AGAP006452	35.29	359	42
134	AGAP011971-PA	558	61.8	hypothetical protein|protein_coding|3L:35698416-35700459:1|gene:AGAP011971	69.89	1267	42
135	AGAP003475-PA	518	55.7	hypothetical protein|protein_coding|2R:38176041-38183158:-1|gene:AGAP003475	78.57	171	41
136	AGAP003769-PA	1109	124.6	hypothetical protein|protein_coding|2R:43128616-43133832:-1|gene:AGAP003769	55.64	112	41
137	AGAP004362-PF	570	63.2	hypothetical protein|protein_coding|2R:55058472-55066884:-1|gene:AGAP004362	68.6	653	41
138	AGAP005558-PA	472	51.8	hypothetical protein|protein_coding|2L:17030679-17032097:1|gene:AGAP005558	72.46	368	41
139	AGAP013255-PA	935	106.4	hypothetical protein|protein_coding|2R:42089971-42093136:1|gene:AGAP013255	59.36	1059	41
140	AGAP001672-PA	4552	522.4	hypothetical protein|protein_coding|2R:7770071-7787763:-1|gene:AGAP001672	9.91	67	40
141	AGAP002340-PA	1124	132.3	Eukaryotic translation initiation factor 3 subunit A (eIF3a)(Eukaryotic translation initiation factor 3 subunit 10)|protein_coding|2R:20284549-20288177:1|gene:AGAP002340	40.66	176	40

142	AGAP003869-PA	505	54.0	hypothetical protein|protein_coding|2R:44705161-44715011:-1|gene:AGAP003869	88.12	532	40
143	AGAP004437-PB	726	81.2	hypothetical protein|protein_coding|2R:56001630-56004137:1|gene:AGAP004437	64.19	409	40
144	AGAP009486-PA	537	62.0	hypothetical protein|protein_coding|3R:34693601-34696586:1|gene:AGAP009486	67.97	640	40
145	AGAP009944-PA	510	54.7	hypothetical protein|protein_coding|3R:45804678-45806304:-1|gene:AGAP009944	72.94	307	40
146	AGAP002858-PD	1000	110.8	hypothetical protein|protein_coding|2R:28371857-28387114:1|gene:AGAP002858	45.8	225	39
147	AGAP004744-PA	446	48.6	hypothetical protein|protein_coding|2L:3021924-3025400:1|gene:AGAP004744	71.75	236	39
148	AGAP004975-PA	686	78.5	AGAP004975-PA|Prophenoloxidase|protein_coding|2L:7441665-7444057:-1|gene:AGAP004975	61.22	371	39
149	AGAP005627-PD	355	39.7	hypothetical protein|protein_coding|2L:17998018-17999179:1|gene:AGAP005627	79.72	494	39
150	AGAP011938-PA	595	68.1	hypothetical protein|protein_coding|3L:35400651-35406726:-1|gene:AGAP011938	61.51	90	39
151	AGAP004593-PA	534	61.4	hypothetical protein|protein_coding|2R:58144216-58163155:1|gene:AGAP004593	76.59	263	38
152	AGAP004809-PA	1020	113.2	hypothetical protein|protein_coding|2L:3793708-3797295:-1|gene:AGAP004809	46.96	676	38
153	AGAP005766-PA	324	38.9	hypothetical protein|protein_coding|2L:20376395-20378246:-1|gene:AGAP005766	81.79	1841	38
154	AGAP006099-PA	439	45.1	hypothetical protein|protein_coding|2L:26647662-26649388:1|gene:AGAP006099	89.98	549	38
155	AGAP006478-PA	514	55.1	hypothetical protein|protein_coding|2L:32768777-32813149:1|gene:AGAP006478	70.23	190	38
156	AGAP000607-PA	392	44.5	hypothetical protein|protein_coding|X:11074262-11075440:-1|gene:AGAP000607	80.61	4163	37
157	AGAP000958-PA	668	73.8	hypothetical protein|protein_coding|X:18370525-18381565:-1|gene:AGAP000958	51.95	193	37
158	AGAP008802-PA	415	43.8	hypothetical protein|protein_coding|3R:18055021-18056611:-1|gene:AGAP008802	86.02	241	37
159	AGAP009172-PA	732	83.3	hypothetical protein|protein_coding|3R:28109194-28111787:-1|gene:AGAP009172	58.88	131	37

160	AGAP012401-PA	497	57.2	hypothetical protein|protein_coding|3L:41729189-41730770:1|gene:AGAP012401	68.41	1252	37
161	AGAP000561-PA	983	111.2	hypothetical protein|protein_coding|X:9946097-9963167:1|gene:AGAP000561	41.61	94	36
162	AGAP000881-PA	540	58.3	hypothetical protein|protein_coding|X:16705403-16707113:-1|gene:AGAP000881	64.81	425	36
163	AGAP001257-PA	513	58.2	hypothetical protein|protein_coding|2R:2059771-2063951:-1|gene:AGAP001257	67.64	143	36
164	AGAP001881-PA	957	107.2	hypothetical protein|protein_coding|2R:11833937-11837198:1|gene:AGAP001881	51.41	683	36
165	AGAP002762-PA	542	59.4	hypothetical protein|protein_coding|2R:26790470-26792683:1|gene:AGAP002762	76.75	172	36
166	AGAP003167-PA	1068	111.8	hypothetical protein|protein_coding|2R:33497917-33502520:-1|gene:AGAP003167	34.83	178	36
167	AGAP003692-PA	932	106.0	hypothetical protein|protein_coding|2R:42049194-42052623:-1|gene:AGAP003692	49.89	761	36
168	AGAP003785-PD	630	69.3	hypothetical protein|protein_coding|2R:43292474-43298353:-1|gene:AGAP003785	74.29	148	36
169	AGAP004739-PA	521	57.8	hypothetical protein|protein_coding|2L:2976219-2977875:1|gene:AGAP004739	64.11	361	36
170	AGAP005728-PA	1041	117.0	hypothetical protein|protein_coding|2L:19770260-19782922:-1|gene:AGAP005728	33.53	91	36
171	AGAP006513-PA	1628	183.8	hypothetical protein|protein_coding|2L:33297395-33314570:-1|gene:AGAP006513	25.68	154	36
172	AGAP007365-PA	608	69.5	hypothetical protein|protein_coding|2L:46084531-46086587:1|gene:AGAP007365	60.69	97	36
173	AGAP007406-PA	463	50.4	hypothetical protein|protein_coding|2L:46338841-46340232:1|gene:AGAP007406	73.87	644	36
174	AGAP007612-PA	877	92.1	hypothetical protein|protein_coding|2L:48255001-48258061:-1|gene:AGAP007612	60.09	519	36
175	AGAP008193-PA	1319	145.4	hypothetical protein|protein_coding|3R:6556906-6562367:-1|gene:AGAP008193	39.95	147	36
176	AGAP008364-PA	1476	163.5	Thioester-containing protein.|protein_coding|3R:10061667-10075623:-1|gene:AGAP008364	29.67	293	36
177	AGAP009701-PA	946	105.8	hypothetical protein|protein_coding|3R:39161779-39164682:1|gene:AGAP009701	46.41	121	36

178	AGAP012167-PA	558	62.3	hypothetical protein|protein_coding|3L:38254197-38260323:1|gene:AGAP012167	63.62	524	36
179	AGAP001257-PB	511	58.1	hypothetical protein|protein_coding|2R:2059771-2065073:-1|gene:AGAP001257	67.51	132	35
180	AGAP001952-PA	552	60.6	hypothetical protein|protein_coding|2R:12780685-12782425:-1|gene:AGAP001952	73.19	323	35
181	AGAP002171-PA	527	58.4	hypothetical protein|protein_coding|2R:16835257-16837585:1|gene:AGAP002171	68.12	351	35
182	AGAP002518-PA	791	86.2	hypothetical protein|protein_coding|2R:22185350-22193225:-1|gene:AGAP002518	55.37	194	35
183	AGAP004212-PA	406	46.3	hypothetical protein|protein_coding|2R:51938091-51941107:-1|gene:AGAP004212	80.05	166	35
184	AGAP005767-PA	317	37.9	hypothetical protein|protein_coding|2L:20381434-20383915:-1|gene:AGAP005767	74.45	1580	35
185	AGAP008219-PA	494	56.2	cytochrome P450|protein_coding|3R:6976539-6978081:-1|gene:AGAP008219	61.54	185	35
186	AGAP010331-PA	812	90.9	hypothetical protein|protein_coding|3L:1237467-1251371:1|gene:AGAP010331	63.05	203	35
187	AGAP010588-PA	546	59.5	hypothetical protein|protein_coding|3L:6553400-6555190:-1|gene:AGAP010588	71.61	173	35
188	AGAP012048-PA	466	51.5	hypothetical protein|protein_coding|3L:36859979-36869012:1|gene:AGAP012048	68.88	322	35
189	AGAP002102-PA	593	67.2	hypothetical protein|protein_coding|2R:15435583-15437440:1|gene:AGAP002102	57.17	592	34
190	AGAP002272-PA	1146	124.3	hypothetical protein|protein_coding|2R:18435017-18441647:1|gene:AGAP002272	42.67	123	34
191	AGAP002306-PA	435	49.3	hypothetical protein|protein_coding|2R:19054166-19056153:1|gene:AGAP002306	68.74	180	34
192	AGAP003077-PA	1002	112.1	hypothetical protein|protein_coding|2R:32232510-32242803:-1|gene:AGAP003077	49.3	396	34
193	AGAP004159-PA	571	63.4	hypothetical protein|protein_coding|2R:50948265-50950137:-1|gene:AGAP004159	76.71	265	34
194	AGAP004335-PA	2488	268.2	hypothetical protein|protein_coding|2R:54775486-54818994:1|gene:AGAP004335	20.34	140	34
195	AGAP009135-PA	430	49.2	hypothetical protein|protein_coding|3R:26481973-26483964:1|gene:AGAP009135	80.7	175	34

196	AGAP009907-PA	646	72.5	hypothetical protein|protein_coding|3R:45186831-45189245:-1|gene:AGAP009907	66.41	371	34
197	AGAP010160-PA	1026	118.3	hypothetical protein|protein_coding|3R:49671706-49684684:-1|gene:AGAP010160	44.44	344	34
198	AGAP012745-PA	640	73.1	hypothetical protein|protein_coding|UNKN:26432528-26434728:-1|gene:AGAP012745	69.22	793	34
199	AGAP000622-PA	637	68.5	hypothetical protein|protein_coding|X:11242445-11252784:1|gene:AGAP000622	56.67	169	33
200	AGAP001219-PA	450	49.9	hypothetical protein|protein_coding|2R:1622022-1624126:1|gene:AGAP001219	82.89	731	33
201	AGAP002472-PA	1138	126.2	hypothetical protein|protein_coding|2R:21846633-21850551:1|gene:AGAP002472	40.42	161	33
202	AGAP002564-PB	363	39.2	hypothetical protein|protein_coding|2R:22877762-22891504:1|gene:AGAP002564	90.08	374	33
203	AGAP002655-PA	763	85.3	hypothetical protein|protein_coding|2R:25188587-25192992:1|gene:AGAP002655	50.98	184	33
204	AGAP002919-PA	435	48.0	hypothetical protein|protein_coding|2R:29609284-29611231:-1|gene:AGAP002919	51.03	291	33
205	AGAP003077-PB	1054	118.3	hypothetical protein|protein_coding|2R:32232510-32236321:-1|gene:AGAP003077	46.58	385	33
206	AGAP003168-PA	445	50.5	hypothetical protein|protein_coding|2R:33509699-33511959:1|gene:AGAP003168	66.97	185	33
207	AGAP004563-PA	1225	142.7	angiotensin-converting enzyme 9|protein_coding|2R:57617863-57622382:1|gene:AGAP004563	33.39	199	33
208	AGAP004877-PB	656	75.9	hypothetical protein|protein_coding|2L:4860645-4865290:1|gene:AGAP004877	52.59	277	33
209	AGAP007532-PA	965	106.7	hypothetical protein|protein_coding|2L:47245818-47250818:-1|gene:AGAP007532	45.49	74	33
210	AGAP008297-PA	1195	136.0	hypothetical protein|protein_coding|3R:8636178-8639940:1|gene:AGAP008297	32.38	120	33
211	AGAP009694-PA	544	58.6	hypothetical protein|protein_coding|3R:38961434-38972382:-1|gene:AGAP009694	70.4	201	33
212	AGAP009970-PA	1241	139.1	hypothetical protein|protein_coding|3R:46916125-46921072:1|gene:AGAP009970	40.45	150	33
213	AGAP013188-PA	935	106.5	hypothetical protein|protein_coding|2R:42095012-42098180:1|gene:AGAP013188	53.9	603	33

214	AGAP013393-PA	914	104.1	hypothetical protein|protein_coding|2R:42070199-42073368:1|gene:AGAP013393	50.77	569	33
215	AGAP000380-PA	656	74.0	hypothetical protein|protein_coding|X:6905029-6915689:-1|gene:AGAP000380	56.71	171	32
216	AGAP000611-PA	415	48.3	hypothetical protein|protein_coding|X:11079041-11080288:1|gene:AGAP000611	55.42	689	32
217	AGAP000935-PA	474	52.2	hypothetical protein|protein_coding|X:17669389-17671168:1|gene:AGAP000935	65.4	268	32
218	AGAP001745-PA	1040	113.0	hypothetical protein|protein_coding|2R:9240500-9243622:-1|gene:AGAP001745	39.71	111	32
219	AGAP001797-PE	285	32.8	hypothetical protein|protein_coding|2R:10545856-10583604:1|gene:AGAP001797	78.25	482	32
220	AGAP004396-PA	478	51.9	hypothetical protein|protein_coding|2R:55598421-55602879:-1|gene:AGAP004396	78.24	299	32
221	AGAP006616-PA	1017	116.6	hypothetical protein|protein_coding|2L:34743559-34746612:-1|gene:AGAP006616	40.02	126	32
222	AGAP007454-PA	520	58.5	hypothetical protein|protein_coding|2L:46647403-46649045:-1|gene:AGAP007454	60	514	32
223	AGAP007456-PA	542	62.0	hypothetical protein|protein_coding|2L:46651184-46652888:1|gene:AGAP007456	58.3	181	32
224	AGAP007946-PB	488	56.3	hypothetical protein|protein_coding|3R:3252794-3255036:-1|gene:AGAP007946	69.26	133	32
225	AGAP008862-PA	930	104.7	hypothetical protein|protein_coding|3R:19876272-19881002:-1|gene:AGAP008862	46.88	118	32
226	AGAP008929-PA	761	87.2	hypothetical protein|protein_coding|3R:21102960-21105770:1|gene:AGAP008929	47.44	82	32
227	AGAP009863-PA	404	45.6	hypothetical protein|protein_coding|3R:44558848-44561275:-1|gene:AGAP009863	78.47	230	32
228	AGAP010025-PA	443	49.7	hypothetical protein|protein_coding|3R:47950588-47953337:-1|gene:AGAP010025	71.78	206	32
229	AGAP010134-PA	383	42.8	hypothetical protein|protein_coding|3R:49303097-49304807:1|gene:AGAP010134	76.24	623	32
230	AGAP011476-PA	900	101.6	hypothetical protein|protein_coding|3L:25026924-25029981:1|gene:AGAP011476	41.33	829	32
231	AGAP000325-PA	586	65.9	hypothetical protein|protein_coding|X:5743807-5746073:1|gene:AGAP000325	51.88	76	31

232	AGAP000815-PA	837	92.8	integrin beta subunit|protein_coding|X:14937399-14948907:1|gene:AGAP000815	44.32	243	31
233	AGAP000818-PA	531	60.9	hypothetical protein|protein_coding|X:15240763-15242715:-1|gene:AGAP000818	62.34	136	31
234	AGAP001423-PA	590	64.1	hypothetical protein|protein_coding|2R:4746244-4748099:-1|gene:AGAP001423	66.44	136	31
235	AGAP001899-PA	2387	264.1	hypothetical protein|protein_coding|2R:11955910-11963410:-1|gene:AGAP001899	15.88	89	31
236	AGAP002564-PA	364	39.5	hypothetical protein|protein_coding|2R:22877762-22883553:1|gene:AGAP002564	85.99	336	31
237	AGAP002759-PA	547	60.0	hypothetical protein|protein_coding|2R:26779591-26781437:-1|gene:AGAP002759	56.67	184	31
238	AGAP002945-PA	1813	198.4	hypothetical protein|protein_coding|2R:30000490-30006918:-1|gene:AGAP002945	30.94	89	31
239	AGAP003711-PA	836	95.2	hypothetical protein|protein_coding|2R:42291767-42300822:1|gene:AGAP003711	33.01	114	31
240	AGAP004725-PA	955	111.5	Eukaryotic translation initiation factor 3 subunit C (eIF3c)(Eukaryotic translation initiation factor 3 subunit 8)|protein_coding|2L:2798074-2801011:1|gene:AGAP004725	38.01	126	31
241	AGAP004852-PA	716	79.4	hypothetical protein|protein_coding|2L:4468458-4474213:-1|gene:AGAP004852	54.89	124	31
242	AGAP006821-PA	398	41.6	hypothetical protein|protein_coding|2L:38891170-38893291:1|gene:AGAP006821	84.42	199	31
243	AGAP007562-PA	3964	440.0	hypothetical protein|protein_coding|2L:47577863-47617636:1|gene:AGAP007562	12.56	78	31
244	AGAP007642-PA	789	86.6	hypothetical protein|protein_coding|2L:48593788-48601313:-1|gene:AGAP007642	49.18	340	31
245	AGAP007675-PA	4609	530.5	hypothetical protein|protein_coding|2L:48928933-48943191:-1|gene:AGAP007675	7.75	66	31
246	AGAP008604-PA	703	78.7	hypothetical protein|protein_coding|3R:13509639-13512003:-1|gene:AGAP008604	45.66	111	31
247	AGAP009036-PA	1222	134.1	hypothetical protein|protein_coding|3R:24426421-24457340:1|gene:AGAP009036	25.53	192	31
248	AGAP009291-PA	868	96.5	hypothetical protein|protein_coding|3R:30872470-30875646:1|gene:AGAP009291	45.74	152	31
249	AGAP010139-PA	684	76.5	hypothetical protein|protein_coding|3R:49356476-49359576:-1|gene:AGAP010139	56.14	81	31

250	AGAP010735-PA	1226	139.2	hypothetical protein|protein_coding|3L:9089962-9103038:-1|gene:AGAP010735	47.39	491	31
251	AGAP011584-PA	801	89.5	hypothetical protein|protein_coding|3L:28405825-28408453:-1|gene:AGAP011584	45.82	427	31
252	AGAP012400-PA	599	68.5	hypothetical protein|protein_coding|3L:41725998-41728033:1|gene:AGAP012400	56.59	698	31
253	AGAP000651-PA	376	41.8	Actin-5C (Actin-1D, cytoplasmic)|protein_coding|X:11656334-11657464:-1|gene:AGAP000651	87.5	1651	30
254	AGAP001240-PA	496	55.8	hypothetical protein|protein_coding|2R:1882699-1884655:1|gene:AGAP001240	72.38	452	30
255	AGAP001775-PA	1375	152.2	hypothetical protein|protein_coding|2R:10155931-10164783:-1|gene:AGAP001775	29.53	96	30
256	AGAP001799-PA	284	32.5	hypothetical protein|protein_coding|2R:10593313-10595066:1|gene:AGAP001799	71.13	443	30
257	AGAP001799-PB	284	32.4	hypothetical protein|protein_coding|2R:10593313-10596722:1|gene:AGAP001799	70.07	442	30
258	AGAP002350-PB	378	45.3	hypothetical protein|protein_coding|2R:20520817-20529622:1|gene:AGAP002350	46.3	711	30
259	AGAP002401-PA	226	25.7	hypothetical protein|protein_coding|2R:20955881-20957540:1|gene:AGAP002401	90.27	385	30
260	AGAP002830-PA	937	100.8	hypothetical protein|protein_coding|2R:28075093-28081793:-1|gene:AGAP002830	40.88	183	30
261	AGAP005095-PA	376	41.7	hypothetical protein|protein_coding|2L:9969318-9971412:1|gene:AGAP005095	87.5	1448	30
262	AGAP006258-PA	688	78.0	AGAP006258-PA|Prophenoloxidase|protein_coding|2L:28702567-28705477:-1|gene:AGAP006258	59.45	213	30
263	AGAP006280-PA	1947	213.8	hypothetical protein|protein_coding|2L:29402129-29420159:-1|gene:AGAP006280	21.31	135	30
264	AGAP007593-PB	350	38.0	hypothetical protein|protein_coding|2L:48090067-48094192:-1|gene:AGAP007593	89.14	404	30
265	AGAP008278-PA	311	35.6	hypothetical protein|protein_coding|3R:8544054-8545174:1|gene:AGAP008278	79.74	627	30
266	AGAP010638-PA	1127	124.4	hypothetical protein|protein_coding|3L:7837545-7849506:-1|gene:AGAP010638	32.74	195	30
267	AGAP011453-PA	779	85.8	hypothetical protein|protein_coding|3L:24910214-24914786:1|gene:AGAP011453	46.34	879	30

268	AGAP012684-PA	471	51.9	hypothetical protein|protein_coding|UNKN:23505605-23507237:-1|gene:AGAP012684	68.37	316	30
269	AGAP000548-PA	385	43.6	hypothetical protein|protein_coding|X:9838307-9839464:1|gene:AGAP000548	61.04	1362	29
270	AGAP000577-PB	686	79.2	hypothetical protein|protein_coding|X:10149615-10153890:-1|gene:AGAP000577	47.96	116	29
271	AGAP000609-PA	401	46.5	hypothetical protein|protein_coding|X:11075771-11076976:1|gene:AGAP000609	65.09	983	29
272	AGAP000612-PA	401	46.1	hypothetical protein|protein_coding|X:11082881-11084086:1|gene:AGAP000612	63.34	1002	29
273	AGAP000883-PA	427	48.5	hypothetical protein|protein_coding|X:16713303-16714958:-1|gene:AGAP000883	68.85	292	29
274	AGAP001759-PA	772	86.8	hypothetical protein|protein_coding|2R:9479550-9482903:1|gene:AGAP001759	55.7	102	29
275	AGAP001797-PD	453	48.8	hypothetical protein|protein_coding|2R:10558680-10582793:1|gene:AGAP001797	52.54	359	29
276	AGAP001884-PA	503	54.0	hypothetical protein|protein_coding|2R:11882152-11885501:-1|gene:AGAP001884	65.01	232	29
277	AGAP002350-PA	361	43.4	hypothetical protein|protein_coding|2R:20520807-20529622:1|gene:AGAP002350	49.86	707	29
278	AGAP002586-PA	692	79.5	hypothetical protein|protein_coding|2R:23292050-23294443:-1|gene:AGAP002586	53.9	112	29
279	AGAP003047-PA	802	84.3	hypothetical protein|protein_coding|2R:31427207-31433393:-1|gene:AGAP003047	54.11	166	29
280	AGAP003652-PA	515	56.6	hypothetical protein|protein_coding|2R:41060161-41061945:1|gene:AGAP003652	54.76	165	29
281	AGAP003711-PC	838	95.3	hypothetical protein|protein_coding|2R:42291767-42300822:1|gene:AGAP003711	33.05	98	29
282	AGAP004335-PC	838	90.3	hypothetical protein|protein_coding|2R:54816046-54818994:1|gene:AGAP004335	50.6	122	29
283	AGAP004622-PA	522	57.9	hypothetical protein|protein_coding|2R:58623975-58625543:1|gene:AGAP004622	66.28	273	29
284	AGAP004977-PA+B927	687	79.0	AGAP004977-PA|Prophenoloxidase|protein_coding|2L:7452452-7454889:-1|gene:AGAP004977	50.51	63	29
285	AGAP005381-PC	612	69.1	hypothetical protein|protein_coding|2L:14832803-14835006:-1|gene:AGAP005381	55.07	172	29

286	AGAP005627-PA	397	43.7	hypothetical protein|protein_coding|2L:17997043-17999179:1|gene:AGAP005627	69.27	950	29
287	AGAP005662-PA	419	45.4	hypothetical protein|protein_coding|2L:18491771-18494091:-1|gene:AGAP005662	63.01	159	29
288	AGAP007368-PA	1292	145.0	hypothetical protein|protein_coding|2L:46101500-46105442:-1|gene:AGAP007368	40.25	348	29
289	AGAP007393-PA	488	54.3	hypothetical protein|protein_coding|2L:46286058-46287785:1|gene:AGAP007393	61.89	184	29
290	AGAP009159-PA	570	62.2	hypothetical protein|protein_coding|3R:27755900-27779492:-1|gene:AGAP009159	62.81	170	29
291	AGAP011629-PA	433	45.8	hypothetical protein|protein_coding|3L:30343263-30344652:-1|gene:AGAP011629	78.98	550	29
292	AGAP000376-PA	635	69.2	hypothetical protein|protein_coding|X:6869878-6872834:1|gene:AGAP000376	50.87	220	28
293	AGAP000565-PC	502	54.5	thioredoxin reductase|protein_coding|X:10022230-10031999:1|gene:AGAP000565	83.47	258	28
294	AGAP001374-PA	391	43.8	hypothetical protein|protein_coding|2R:4001237-4002412:1|gene:AGAP001374	79.54	1153	28
295	AGAP001587-PA	831	94.7	hypothetical protein|protein_coding|2R:6485944-6488932:-1|gene:AGAP001587	42.24	185	28
296	AGAP002063-PA	516	56.6	hypothetical protein|protein_coding|2R:14719843-14721474:1|gene:AGAP002063	68.22	321	28
297	AGAP002350-PC	378	45.5	hypothetical protein|protein_coding|2R:20520817-20529622:1|gene:AGAP002350	45.24	606	28
298	AGAP002481-PA	875	96.5	hypothetical protein|protein_coding|2R:21870842-21873614:-1|gene:AGAP002481	48.23	74	28
299	AGAP003993-PA	684	79.3	hypothetical protein|protein_coding|2R:47601011-47612466:-1|gene:AGAP003993	49.12	147	28
300	AGAP004238-PA	557	59.4	hypothetical protein|protein_coding|2R:52966372-52968518:-1|gene:AGAP004238	58.89	168	28
301	AGAP007619-PA	484	53.7	hypothetical protein|protein_coding|2L:48341659-48344346:-1|gene:AGAP007619	83.26	366	28
302	AGAP007889-PA	484	53.9	hypothetical protein|protein_coding|3R:2534851-2536305:1|gene:AGAP007889	54.55	90	28
303	AGAP007891-PA	977	108.7	hypothetical protein|protein_coding|3R:2530537-2533785:1|gene:AGAP007891	39	67	28

304	AGAP007990-PA	524	59.6	hypothetical protein|protein_coding|3R:3835173-3836817:-1|gene:AGAP007990	51.15	210	28
305	AGAP009505-PA	533	57.5	hypothetical protein|protein_coding|3R:34963390-34965635:-1|gene:AGAP009505	72.23	145	28
306	AGAP009685-PA	430	47.0	hypothetical protein|protein_coding|3R:38661350-38667881:-1|gene:AGAP009685	73.72	152	28
307	AGAP009833-PA	282	30.7	hypothetical protein|protein_coding|3R:44049219-44050459:1|gene:AGAP009833	91.49	1217	28
308	AGAP009835-PA	1877	210.6	hypothetical protein|protein_coding|3R:44056564-44069719:-1|gene:AGAP009835	20.56	80	28
309	AGAP010792-PA	385	44.4	hypothetical protein|protein_coding|3L:10412154-10413387:1|gene:AGAP010792	68.05	130	28
310	AGAP010929-PA	447	50.1	hypothetical protein|protein_coding|3L:13308192-13326418:-1|gene:AGAP010929	81.66	1974	28
311	AGAP013112-PA	524	54.6	hypothetical protein|protein_coding|2R:4072251-4073825:-1|gene:AGAP013112	59.35	81	28
312	AGAP000129-PA	953	110.2	hypothetical protein|protein_coding|X:2065894-2070048:-1|gene:AGAP000129	35.15	122	27
313	AGAP000184-PA	689	75.5	hypothetical protein|protein_coding|X:3012930-3021325:1|gene:AGAP000184	52.98	120	27
314	AGAP001021-PB	1039	112.3	hypothetical protein|protein_coding|X:19597324-19604130:-1|gene:AGAP001021	38.31	57	27
315	AGAP001676-PA	376	41.5	hypothetical protein|protein_coding|2R:8002166-8003386:-1|gene:AGAP001676	73.67	1161	27
316	AGAP002350-PE	361	43.5	hypothetical protein|protein_coding|2R:20520807-20529622:1|gene:AGAP002350	48.75	602	27
317	AGAP002456-PA	950	105.9	hypothetical protein|protein_coding|2R:21565121-21571825:-1|gene:AGAP002456	31.16	373	27
318	AGAP004303-PA	1143	126.7	hypothetical protein|protein_coding|2R:54251179-54256074:-1|gene:AGAP004303	32.28	147	27
319	AGAP005093-PA	1908	211.4	hypothetical protein|protein_coding|2L:9950809-9957070:1|gene:AGAP005093	20.7	111	27
320	AGAP006380-PA	1652	185.1	hypothetical protein|protein_coding|2L:30935024-30940342:-1|gene:AGAP006380	23.24	172	27
321	AGAP006724-PA	635	69.3	hypothetical protein|protein_coding|2L:37285966-37288141:-1|gene:AGAP006724	62.68	128	27

322	AGAP006949-PA	821	89.7	hypothetical protein|protein_coding|2L:40208758-40211550:-1|gene:AGAP006949	45.07	60	27
323	AGAP009623-PA	332	35.4	hypothetical protein|protein_coding|3R:37154051-37155049:1|gene:AGAP009623	87.95	986	27
324	AGAP010420-PA	1052	119.4	hypothetical protein|protein_coding|3L:3012475-3016002:-1|gene:AGAP010420	27.95	48	27
325	AGAP010971-PA	458	50.8	hypothetical protein|protein_coding|3L:14341371-14342747:-1|gene:AGAP010971	78.6	1750	27
326	AGAP011516-PA	382	42.3	hypothetical protein|protein_coding|3L:26318398-26319625:1|gene:AGAP011516	77.23	1523	27
327	AGAP012140-PA	683	79.4	Eukaryotic translation initiation factor 3 subunit B (eIF3b)(Eukaryotic translation initiation factor 3 subunit 9)|protein_coding|3L:38007452-38010972:1|gene:AGAP012140	42.17	83	27
328	AGAP012252-PA	684	78.3	hypothetical protein|protein_coding|3L:39339460-39391108:1|gene:AGAP012252	41.23	146	27
329	AGAP012952-PA	661	72.9	hypothetical protein|protein_coding|2R:52983422-52985651:1|gene:AGAP012952	65.51	138	27
330	AGAP000051-PA	749	85.0	Heme Peroxidase.|protein_coding|X:838200-840880:1|gene:AGAP000051	39.12	185	26
331	AGAP000519-PA	1506	163.6	hypothetical protein|protein_coding|X:9215504-9266532:1|gene:AGAP000519	24.1	254	26
332	AGAP001267-PA	929	101.5	hypothetical protein|protein_coding|2R:2126593-2131844:1|gene:AGAP001267	34.55	154	26
333	AGAP001903-PA	337	35.4	hypothetical protein|protein_coding|2R:11975943-11977395:1|gene:AGAP001903	86.05	870	26
334	AGAP001939-PA	696	77.3	hypothetical protein|protein_coding|2R:12677694-12679968:-1|gene:AGAP001939	40.66	54	26
335	AGAP002055-PA	657	73.9	hypothetical protein|protein_coding|2R:14678933-14682155:1|gene:AGAP002055	52.66	320	26
336	AGAP002274-PB	2799	300.7	hypothetical protein|protein_coding|2R:18492538-18506114:1|gene:AGAP002274	15.08	167	26
337	AGAP003124-PA	597	65.4	hypothetical protein|protein_coding|2R:32937816-32949396:-1|gene:AGAP003124	55.61	134	26
338	AGAP003995-PA	647	73.0	hypothetical protein|protein_coding|2R:47648806-47650834:-1|gene:AGAP003995	49	492	26
339	AGAP004033-PA	1020	108.8	hypothetical protein|protein_coding|2R:48125098-48148688:1|gene:AGAP004033	37.35	106	26

340	AGAP004195-PA	517	57.0	hypothetical protein|protein_coding|2R:51670724-51674443:1|gene:AGAP004195	66.92	112	26
341	AGAP004775-PA	479	52.9	hypothetical protein|protein_coding|2L:3401188-3415683:-1|gene:AGAP004775	62.63	355	26
342	AGAP006037-PA	390	40.2	hypothetical protein|protein_coding|2L:25521129-25523339:1|gene:AGAP006037	48.72	133	26
343	AGAP006096-PA	524	56.4	hypothetical protein|protein_coding|2L:26620119-26624653:-1|gene:AGAP006096	69.85	168	26
344	AGAP006130-PA	539	63.6	Eukaryotic translation initiation factor 3 subunit L (eIF3l)|protein_coding|2L:27031605-27033353:-1|gene:AGAP006130	49.17	131	26
345	AGAP006962-PA	489	56.8	hypothetical protein|protein_coding|2L:40275166-40276845:1|gene:AGAP006962	56.65	168	26
346	AGAP007946-PA	518	60.1	hypothetical protein|protein_coding|3R:3253369-3255036:-1|gene:AGAP007946	53.47	105	26
347	AGAP008186-PA	677	77.5	hypothetical protein|protein_coding|3R:6465358-6467391:1|gene:AGAP008186	38.55	155	26
348	AGAP008584-PA	1138	129.3	hypothetical protein|protein_coding|3R:13292239-13297285:1|gene:AGAP008584	31.99	133	26
349	AGAP009082-PA	496	56.2	Probable 26S proteasome non-ATPase regulatory subunit 3 (26S proteasome subunit S3)(26S proteasome regulatory subunit RPN3)(Diphenol oxidase A2 component)(DOX-A2)|protein_coding|3R:25451065-25452555:1|gene:AGAP009082	50.4	54	26
350	AGAP009509-PA	889	100.8	hypothetical protein|protein_coding|3R:34973557-34976602:1|gene:AGAP009509	37.12	80	26
351	AGAP009929-PA	1053	121.8	hypothetical protein|protein_coding|3R:45417974-45421670:-1|gene:AGAP009929	31.81	66	26
352	AGAP010286-PA	1128	131.5	hypothetical protein|protein_coding|3R:52106441-52113985:1|gene:AGAP010286	25.98	88	26
353	AGAP011498-PA	898	99.9	hypothetical protein|protein_coding|3L:25473136-25507620:-1|gene:AGAP011498	27.51	143	26
354	AGAP012103-PA	494	53.0	hypothetical protein|protein_coding|3L:37666359-37670044:-1|gene:AGAP012103	53.04	102	26
355	AGAP012800-PA	484	55.6	hypothetical protein|protein_coding|UNKN:30042061-30044007:-1|gene:AGAP012800	51.03	123	26
356	AGAP013481-PA	357	41.1	hypothetical protein|protein_coding|2R:20929743-20943654:1|gene:AGAP013481	64.15	216	26

357	AGAP000300-PA	2279	251.0	hypothetical protein|protein_coding|X:5338077-5360330:-1|gene:AGAP000300	18.12	86	25
358	AGAP000776-PA	1281	146.5	hypothetical protein|protein_coding|X:13918225-13927924:-1|gene:AGAP000776	25.45	163	25
359	AGAP001151-PA	256	29.2	hypothetical protein|protein_coding|2R:617564-625113:-1|gene:AGAP001151	83.98	214	25
360	AGAP001958-PA	545	62.5	Cryptochrome-1 (agCRY1)|protein_coding|2R:12837246-12839978:-1|gene:AGAP001958	54.86	106	25
361	AGAP002499-PA	521	56.7	Probable methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial Precursor (Malonate-semialdehyde dehydrogenase [acylating])(MMSDH)(EC 1.2.1.27)(EC 1.2.1.18)|protein_coding|2R:22045901-22048654:-1|gene:AGAP002499	53.36	120	25
362	AGAP002728-PA	354	38.8	hypothetical protein|protein_coding|2R:26287064-26289254:1|gene:AGAP002728	65.25	287	25
363	AGAP002737-PA	6685	758.8	hypothetical protein|protein_coding|2R:26367279-26394614:1|gene:AGAP002737	14.36	91	25
364	AGAP004142-PA	404	44.8	hypothetical protein|protein_coding|2R:50702095-50703939:1|gene:AGAP004142	65.59	215	25
365	AGAP004334-PA	332	38.2	hypothetical protein|protein_coding|2R:54712520-54713599:-1|gene:AGAP004334	65.66	599	25
366	AGAP004708-PA	663	75.5	hypothetical protein|protein_coding|2L:2471997-2474296:-1|gene:AGAP004708	36.2	54	25
367	AGAP004944-PA	647	70.5	hypothetical protein|protein_coding|2L:6544141-6546169:-1|gene:AGAP004944	40.96	413	25
368	AGAP005293-PA	505	57.1	hypothetical protein|protein_coding|2L:13792405-13796401:1|gene:AGAP005293	63.56	305	25
369	AGAP005293-PB	449	50.7	hypothetical protein|protein_coding|2L:13792405-13796401:1|gene:AGAP005293	71.49	308	25
370	AGAP005576-PA	543	60.2	hypothetical protein|protein_coding|2L:17346503-17348433:1|gene:AGAP005576	58.01	102	25
371	AGAP005856-PA	1212	131.4	hypothetical protein|protein_coding|2L:22624877-22628683:-1|gene:AGAP005856	28.88	135	25
372	AGAP007638-PA	640	68.9	hypothetical protein|protein_coding|2L:48540332-48542488:-1|gene:AGAP007638	52.81	191	25
373	AGAP007904-PA	532	57.2	hypothetical protein|protein_coding|3R:2605246-2607078:-1|gene:AGAP007904	49.06	568	25

374	AGAP007942-PA	448	50.3	hypothetical protein|protein_coding|3R:3231665-3241010:1|gene:AGAP007942	48.88	279	25
375	AGAP008279-PA	321	36.8	hypothetical protein|protein_coding|3R:8545938-8555880:1|gene:AGAP008279	57.63	704	25
376	AGAP009022-PA	2402	269.2	hypothetical protein|protein_coding|3R:23761689-23770026:-1|gene:AGAP009022	14.49	93	25
377	AGAP009037-PA	1095	120.9	hypothetical protein|protein_coding|3R:24468995-24474972:-1|gene:AGAP009037	28.4	89	25
378	AGAP010039-PA	472	51.6	hypothetical protein|protein_coding|3R:48117728-48119289:-1|gene:AGAP010039	63.77	208	25
379	AGAP010267-PA	772	87.6	hypothetical protein|protein_coding|3R:51878832-51881222:-1|gene:AGAP010267	33.81	54	25
380	AGAP010766-PA	411	46.9	hypothetical protein|protein_coding|3L:10021853-10023142:1|gene:AGAP010766	56.45	182	25
381	AGAP013146-PC	941	106.9	hypothetical protein|protein_coding|2R:42059966-42063174:1|gene:AGAP013146	33.9	302	25
382	AGAP013150-PA	939	106.5	hypothetical protein|protein_coding|2R:48729171-48732237:1|gene:AGAP013150	29.82	181	25
383	AGAP013181-PA	430	48.9	hypothetical protein|protein_coding|X:19724385-19725780:-1|gene:AGAP013181	68.14	133	25
384	AGAP013481-PG	356	41.1	hypothetical protein|protein_coding|2R:20929743-20942695:1|gene:AGAP013481	64.89	204	25
385	AGAP000028-PA	490	55.7	hypothetical protein|protein_coding|X:362499-363971:1|gene:AGAP000028	55.71	185	24
386	AGAP001341-PA	455	52.4	hypothetical protein|protein_coding|2R:3325448-3329864:1|gene:AGAP001341	47.91	85	24
387	AGAP001797-PI	254	29.5	hypothetical protein|protein_coding|2R:10558680-10579111:1|gene:AGAP001797	75.2	136	24
388	AGAP002284-PA	914	105.3	hypothetical protein|protein_coding|2R:18575455-18579094:1|gene:AGAP002284	32.49	68	24
389	AGAP002619-PA	507	54.9	hypothetical protein|protein_coding|2R:24246182-24249371:1|gene:AGAP002619	54.83	88	24
390	AGAP002982-PA	2916	307.9	hypothetical protein|protein_coding|2R:30519486-30529112:1|gene:AGAP002982	11.52	63	24
391	AGAP003318-PB	931	97.4	hypothetical protein|protein_coding|2R:35899937-35929388:1|gene:AGAP003318	32.65	221	24
392	AGAP003578-PA	489	52.5	hypothetical protein|protein_coding|2R:40154309-40164095:-1|gene:AGAP003578	64.42	80	24

393	AGAP003623-PA	707	79.0	hypothetical protein|protein_coding|2R:40615206-40619388:1|gene:AGAP003623	42.43	68	24
394	AGAP004598-PA	364	40.1	hypothetical protein|protein_coding|2R:58258064-58259494:-1|gene:AGAP004598	74.45	425	24
395	AGAP004653-PA	254	27.6	hypothetical protein|protein_coding|2R:59553215-59554222:-1|gene:AGAP004653	74.41	122	24
396	AGAP004798-PA	952	107.0	hypothetical protein|protein_coding|2L:3639037-3645635:-1|gene:AGAP004798	33.09	53	24
397	AGAP005082-PA	3290	369.0	hypothetical protein|protein_coding|2L:9761099-9779252:1|gene:AGAP005082	8.91	37	24
398	AGAP005108-PA	413	45.5	hypothetical protein|protein_coding|2L:10198660-10201996:1|gene:AGAP005108	65.38	117	24
399	AGAP006966-PA	497	55.5	hypothetical protein|protein_coding|2L:40286914-40290516:1|gene:AGAP006966	63.58	190	24
400	AGAP006996-PA	466	51.4	hypothetical protein|protein_coding|2L:40536505-40538135:1|gene:AGAP006996	61.37	82	24
401	AGAP007061-PA	1223	138.1	hypothetical protein|protein_coding|2L:42071847-42075896:-1|gene:AGAP007061	27.15	89	24
402	AGAP007203-PB	1411	158.3	hypothetical protein|protein_coding|2L:44296249-44300484:1|gene:AGAP007203	22.25	46	24
403	AGAP008345-PA	505	56.1	hypothetical protein|protein_coding|3R:9510131-9511991:1|gene:AGAP008345	45.54	101	24
404	AGAP008684-PA	458	52.0	hypothetical protein|protein_coding|3R:14838460-14839904:1|gene:AGAP008684	68.12	180	24
405	AGAP009323-PA	272	30.1	hypothetical protein|protein_coding|3R:31267258-31268156:1|gene:AGAP009323	99.63	126	24
406	AGAP010490-PA	3521	386.5	hypothetical protein|protein_coding|3L:5009145-5025078:1|gene:AGAP010490	11.45	52	24
407	AGAP013481-PE	335	37.9	hypothetical protein|protein_coding|2R:20929743-20945379:1|gene:AGAP013481	68.06	381	24
408	AGAP000007-PA	1332	150.8	contactin-like putative cell adhesion molecule|protein_coding|X:84122-88605:-1|gene:AGAP000007	25.6	52	23
409	AGAP000252-PA	763	84.9	hypothetical protein|protein_coding|X:4607157-4609601:1|gene:AGAP000252	36.96	50	23
410	AGAP000255-PA	911	100.9	hypothetical protein|protein_coding|X:4818589-4862785:-1|gene:AGAP000255	30.08	109	23

411	AGAP000255-PD	811	88.5	hypothetical protein|protein_coding|X:4818589-4830408:-1|gene:AGAP000255	34.53	107	23
412	AGAP000500-PC	587	66.5	hypothetical protein|protein_coding|X:8794244-8798842:1|gene:AGAP000500	40.72	83	23
413	AGAP000698-PA	326	36.8	hypothetical protein|protein_coding|X:12541490-12542613:1|gene:AGAP000698	74.54	114	23
414	AGAP000792-PA	459	51.0	hypothetical protein|protein_coding|X:14428906-14435537:1|gene:AGAP000792	50.54	244	23
415	AGAP001037-PA	619	68.0	hypothetical protein|protein_coding|X:19938858-19940940:-1|gene:AGAP001037	58.64	105	23
416	AGAP001399-PA	959	107.2	hypothetical protein|protein_coding|2R:4186475-4189730:-1|gene:AGAP001399	30.87	64	23
417	AGAP001420-PA	255	28.7	hypothetical protein|protein_coding|2R:4739393-4740249:-1|gene:AGAP001420	75.69	99	23
418	AGAP001797-PC	254	29.3	hypothetical protein|protein_coding|2R:10558680-10585682:1|gene:AGAP001797	64.57	355	23
419	AGAP001910-PA	244	27.1	hypothetical protein|protein_coding|2R:12009718-12011048:-1|gene:AGAP001910	80.33	127	23
420	AGAP002337-PA	584	65.6	Eukaryotic translation initiation factor 3 subunit D (eIF3d)(Eukaryotic translation initiation factor 3 subunit 7)|protein_coding|2R:20275201-20277219:-1|gene:AGAP002337	45.38	55	23
421	AGAP003343-PA	500	57.3	hypothetical protein|protein_coding|2R:36314469-36316210:1|gene:AGAP003343	49.6	124	23
422	AGAP003599-PA	210	22.5	hypothetical protein|protein_coding|2R:40404984-40405859:-1|gene:AGAP003599	77.14	225	23
423	AGAP004055-PB	493	52.4	hypothetical protein|protein_coding|2R:49086293-49089455:-1|gene:AGAP004055	44.42	143	23
424	AGAP006868-PA	856	86.1	cuticular protein 140, RR-2 family|protein_coding|2L:39269362-39275406:1|gene:AGAP006868	51.52	92	23
425	AGAP007059-PA	1098	123.9	hypothetical protein|protein_coding|2L:42062331-42065873:-1|gene:AGAP007059	23.5	134	23
426	AGAP007123-PA	897	99.7	hypothetical protein|protein_coding|2L:43053619-43057640:1|gene:AGAP007123	31.55	55	23
427	AGAP007593-PA	354	38.5	hypothetical protein|protein_coding|2L:48086521-48094192:-1|gene:AGAP007593	82.77	270	23
428	AGAP007942-PB	437	49.1	hypothetical protein|protein_coding|3R:3231665-3241010:1|gene:AGAP007942	47.6	264	23

429	AGAP008213-PA	500	57.7	hypothetical protein|protein_coding|3R:6931987-6933561:1|gene:AGAP008213	44	84	23
430	AGAP008916-PA	262	30.5	hypothetical protein|protein_coding|3R:20781628-20782605:1|gene:AGAP008916	56.11	144	23
431	AGAP008917-PA	1427	161.3	hypothetical protein|protein_coding|3R:20787484-20792924:-1|gene:AGAP008917	19.69	75	23
432	AGAP010122-PA	357	43.5	cuticular protein 132, RR-2 family|protein_coding|3R:49237424-49238561:1|gene:AGAP010122	50.14	1300	23
433	AGAP010173-PA	312	35.1	hypothetical protein|protein_coding|3R:49908149-49910286:1|gene:AGAP010173	90.06	442	23
434	AGAP010188-PA	325	37.3	hypothetical protein|protein_coding|3R:50353671-50354743:1|gene:AGAP010188	59.08	89	23
435	AGAP010229-PA	386	43.5	hypothetical protein|protein_coding|3R:51294761-51296722:1|gene:AGAP010229	68.39	168	23
436	AGAP011156-PA	1047	117.4	hypothetical protein|protein_coding|3L:18099046-18103388:1|gene:AGAP011156	30.56	64	23
437	AGAP011852-PA	285	29.9	hypothetical protein|protein_coding|3L:34100139-34101082:-1|gene:AGAP011852	74.74	138	23
438	AGAP011939-PA	325	35.9	hypothetical protein|protein_coding|3L:35407856-35408972:-1|gene:AGAP011939	60.31	567	23
439	AGAP000022-PA	642	71.0	hypothetical protein|protein_coding|X:309369-312980:-1|gene:AGAP000022	40.19	94	22
440	AGAP000331-PA	4655	516.2	hypothetical protein|protein_coding|X:5789951-5813837:-1|gene:AGAP000331	6.08	87	22
441	AGAP000794-PA	468	52.6	hypothetical protein|protein_coding|X:14442142-14443554:-1|gene:AGAP000794	57.48	295	22
442	AGAP000885-PA	955	108.9	hypothetical protein|protein_coding|X:16729033-16732820:-1|gene:AGAP000885	27.43	96	22
443	AGAP000904-PA	3571	381.4	hypothetical protein|protein_coding|X:17079069-17099182:1|gene:AGAP000904	10.59	56	22
444	AGAP001312-PA	328	34.6	hypothetical protein|protein_coding|2R:2843216-2845169:1|gene:AGAP001312	66.46	153	22
445	AGAP002033-PA	463	51.7	hypothetical protein|protein_coding|2R:14100562-14102136:1|gene:AGAP002033	46.65	260	22
446	AGAP002351-PA	2063	220.2	hypothetical protein|protein_coding|2R:20531181-20537832:-1|gene:AGAP002351	17.16	43	22

447	AGAP002559-PB	308	34.7	hypothetical protein|protein_coding|2R:22829180-22830172:-1|gene:AGAP002559	78.25	435	22
448	AGAP002654-PA	715	80.7	hypothetical protein|protein_coding|2R:25184751-25187647:-1|gene:AGAP002654	38.6	94	22
449	AGAP003318-PA	621	65.9	hypothetical protein|protein_coding|2R:35899937-35928046:1|gene:AGAP003318	44.93	207	22
450	AGAP003502-PA	866	95.3	Heme Peroxidase.|protein_coding|2R:38746551-38749440:-1|gene:AGAP003502	32.45	144	22
451	AGAP003532-PA	269	29.8	40S ribosomal protein S3a (C3 protein)|protein_coding|2R:39213702-39214882:-1|gene:AGAP003532	72.86	123	22
452	AGAP003556-PA	404	45.4	hypothetical protein|protein_coding|2R:39456604-39459567:1|gene:AGAP003556	54.7	190	22
453	AGAP003742-PA	511	53.7	hypothetical protein|protein_coding|2R:42814415-42817572:1|gene:AGAP003742	49.32	129	22
454	AGAP003785-PA	629	69.9	hypothetical protein|protein_coding|2R:43290689-43298353:-1|gene:AGAP003785	50.24	64	22
455	AGAP004940-PA	381	43.5	hypothetical protein|protein_coding|2L:6244207-6262504:1|gene:AGAP004940	56.96	89	22
456	AGAP005079-PB	353	41.7	hypothetical protein|protein_coding|2L:9737547-9745967:1|gene:AGAP005079	65.44	228	22
457	AGAP005079-PD	353	41.5	hypothetical protein|protein_coding|2L:9737547-9745967:1|gene:AGAP005079	66.01	237	22
458	AGAP005124-PB	494	54.8	hypothetical protein|protein_coding|2L:10258127-10263669:-1|gene:AGAP005124	47.37	147	22
459	AGAP005124-PC	495	55.2	hypothetical protein|protein_coding|2L:10258696-10263669:-1|gene:AGAP005124	46.06	147	22
460	AGAP005291-PA	1923	203.2	hypothetical protein|protein_coding|2L:13739424-13746355:1|gene:AGAP005291	18.67	95	22
461	AGAP006176-PB	754	83.8	hypothetical protein|protein_coding|2L:27666964-27741401:-1|gene:AGAP006176	34.48	95	22
462	AGAP006421-PA	260	28.9	hypothetical protein|protein_coding|2L:31693764-31694704:1|gene:AGAP006421	80.77	2309	22
463	AGAP006423-PA	547	62.6	hypothetical protein|protein_coding|2L:31714235-31716076:-1|gene:AGAP006423	53.38	125	22
464	AGAP006425-PA	505	58.3	hypothetical protein|protein_coding|2L:31719119-31720924:-1|gene:AGAP006425	50.1	61	22

465	AGAP006569-PA	669	75.8	hypothetical protein|protein_coding|2L:34159209-34165626:1|gene:AGAP006569	40.51	122	22
466	AGAP006590-PD	2038	228.1	hypothetical protein|protein_coding|2L:34288135-34391778:-1|gene:AGAP006590	16.88	73	22
467	AGAP006660-PA	413	46.6	hypothetical protein|protein_coding|2L:36426076-36427317:-1|gene:AGAP006660	61.02	162	22
468	AGAP007545-PB	1242	140.7	hypothetical protein|protein_coding|2L:47449397-47463070:1|gene:AGAP007545	26.09	83	22
469	AGAP007643-PA	248	28.2	hypothetical protein|protein_coding|2L:48609260-48612726:-1|gene:AGAP007643	72.98	282	22
470	AGAP007793-PA	310	34.5	hypothetical protein|protein_coding|3R:1055637-1056799:-1|gene:AGAP007793	77.74	302	22
471	AGAP007809-PA	526	56.0	hypothetical protein|protein_coding|3R:1328087-1329667:-1|gene:AGAP007809	61.22	82	22
472	AGAP008218-PA	492	56.4	cytochrome P450|protein_coding|3R:6973910-6975460:-1|gene:AGAP008218	48.17	91	22
473	AGAP008437-PA	1873	209.6	hypothetical protein|protein_coding|3R:10726636-10744646:1|gene:AGAP008437	17.25	173	22
474	AGAP008548-PA	1464	164.6	hypothetical protein|protein_coding|3R:12478180-12492720:1|gene:AGAP008548	21.17	88	22
475	AGAP009568-PA	3885	445.2	hypothetical protein|protein_coding|3R:36348849-36362340:1|gene:AGAP009568	6.28	41	22
476	AGAP009949-PA	552	60.0	Putative oxidoreductase GLYR1 homolog (EC 1.-.-.-)(Glyoxylate reductase 1 homolog)(Nuclear protein NP60 homolog)|protein_coding|3R:46040593-46042994:1|gene:AGAP009949	52.17	79	22
477	AGAP010392-PA	325	38.7	hypothetical protein|protein_coding|3L:2596885-2598068:-1|gene:AGAP010392	78.46	66	22
478	AGAP010548-PA	377	43.0	hypothetical protein|protein_coding|3L:6175110-6176322:-1|gene:AGAP010548	60.74	112	22
479	AGAP010870-PA	587	65.0	hypothetical protein|protein_coding|3L:12291549-12299078:-1|gene:AGAP010870	45.83	61	22
480	AGAP011859-PA	650	74.7	hypothetical protein|protein_coding|3L:34276239-34279071:-1|gene:AGAP011859	43.23	74	22
481	AGAP012248-PA	833	91.7	hypothetical protein|protein_coding|3L:39298657-39301317:-1|gene:AGAP012248	41.06	68	22
482	AGAP012513-PA	418	44.9	hypothetical protein|protein_coding|UNKN:9867751-9869630:1|gene:AGAP012513	56.7	72	22

483	AGAP012757-PA	658	76.1	hypothetical protein|protein_coding|UNKN:27434331-27436767:1|gene:AGAP012757	45.29	483	22
484	AGAP000378-PA	422	47.4	hypothetical protein|protein_coding|X:6881545-6891611:1|gene:AGAP000378	48.58	225	21
485	AGAP000672-PA	398	44.5	hypothetical protein|protein_coding|X:11856460-11874683:-1|gene:AGAP000672	72.61	99	21
486	AGAP001279-PA	522	58.0	hypothetical protein|protein_coding|2R:2217740-2219308:-1|gene:AGAP001279	50	128	21
487	AGAP001792-PA	597	67.5	hypothetical protein|protein_coding|2R:10518173-10520121:-1|gene:AGAP001792	40.37	74	21
488	AGAP001797-PF	254	29.4	hypothetical protein|protein_coding|2R:10558680-10579111:1|gene:AGAP001797	65.75	99	21
489	AGAP001928-PA	409	47.1	hypothetical protein|protein_coding|2R:12380666-12381895:-1|gene:AGAP001928	57.7	335	21
490	AGAP002509-PA	603	65.6	hypothetical protein|protein_coding|2R:22129165-22132355:1|gene:AGAP002509	47.6	85	21
491	AGAP003023-PA	587	66.8	hypothetical protein|protein_coding|2R:31226418-31230178:-1|gene:AGAP003023	44.12	230	21
492	AGAP003541-PC	462	50.4	hypothetical protein|protein_coding|2R:39348411-39350723:1|gene:AGAP003541	67.32	572	21
493	AGAP003639-PA	507	57.5	hypothetical protein|protein_coding|2R:40879164-40880765:1|gene:AGAP003639	64.5	488	21
494	AGAP003768-PB	274	29.7	hypothetical protein|protein_coding|2R:43124620-43125724:-1|gene:AGAP003768	63.14	90	21
495	AGAP004071-PB	656	73.7	hypothetical protein|protein_coding|2R:49485852-49492463:1|gene:AGAP004071	39.63	247	21
496	AGAP004175-PA	497	54.5	hypothetical protein|protein_coding|2R:51225139-51226810:-1|gene:AGAP004175	56.94	141	21
497	AGAP004197-PA	482	53.1	hypothetical protein|protein_coding|2R:51676581-51680556:-1|gene:AGAP004197	57.47	161	21
498	AGAP004235-PC	445	48.4	hypothetical protein|protein_coding|2R:52953448-52955536:-1|gene:AGAP004235	49.89	88	21
499	AGAP004747-PA	981	109.7	hypothetical protein|protein_coding|2L:3034078-3037570:-1|gene:AGAP004747	29.26	65	21
500	AGAP006424-PA	505	57.8	hypothetical protein|protein_coding|2L:31716670-31718478:-1|gene:AGAP006424	58.61	147	21

501	AGAP006452-PB	821	93.8	hypothetical protein|protein_coding|2L:32266716-32284392:1|gene:AGAP006452	37.76	166	21
502	AGAP006901-PB	1107	117.3	hypothetical protein|protein_coding|2L:39705181-39729833:-1|gene:AGAP006901	24.03	180	21
503	AGAP006944-PA	433	50.5	Eukaryotic translation initiation factor 3 subunit E (eIF3e)(Eukaryotic translation initiation factor 3 subunit 6)|protein_coding|2L:40193355-40194968:1|gene:AGAP006944	51.27	116	21
504	AGAP007455-PA	477	53.4	hypothetical protein|protein_coding|2L:46649409-46650914:1|gene:AGAP007455	44.03	143	21
505	AGAP007684-PA	463	52.7	hypothetical protein|protein_coding|2L:49013689-49015542:-1|gene:AGAP007684	54	108	21
506	AGAP007963-PA	191	22.1	hypothetical protein|protein_coding|3R:3358455-3375424:1|gene:AGAP007963	91.1	247	21
507	AGAP008019-PA	523	60.1	hypothetical protein|protein_coding|3R:4321507-4323866:1|gene:AGAP008019	45.7	95	21
508	AGAP008249-PA	540	59.0	hypothetical protein|protein_coding|3R:7875886-7877805:1|gene:AGAP008249	45.56	96	21
509	AGAP008265-PA	503	56.9	hypothetical protein|protein_coding|3R:8085376-8086950:-1|gene:AGAP008265	53.48	96	21
510	AGAP008407-PA	1786	203.9	Thioester-containing protein.|protein_coding|3R:10368017-10375160:-1|gene:AGAP008407	16.74	44	21
511	AGAP008501-PA	415	45.5	hypothetical protein|protein_coding|3R:11344022-11345408:-1|gene:AGAP008501	58.31	126	21
512	AGAP009538-PA	934	104.3	AP-2 complex subunit alpha (Alpha-adaptin)|protein_coding|3R:35609803-35613973:1|gene:AGAP009538	25.16	68	21
513	AGAP010298-PA	246	27.8	hypothetical protein|protein_coding|3R:52655893-52656940:1|gene:AGAP010298	75.2	209	21
514	AGAP011050-PA	318	35.5	hypothetical protein|protein_coding|3L:15774210-15776890:-1|gene:AGAP011050	83.96	197	21
515	AGAP011133-PA	538	58.8	hypothetical protein|protein_coding|3L:17692638-17694779:1|gene:AGAP011133	48.88	78	21
516	AGAP011515-PA	352	39.0	hypothetical protein|protein_coding|3L:26299326-26300456:-1|gene:AGAP011515	74.15	2103	21
517	AGAP012045-PA	910	98.3	hypothetical protein|protein_coding|3L:36848679-36851829:-1|gene:AGAP012045	28.02	36	21
518	AGAP012283-PA	743	84.0	hypothetical protein|protein_coding|3L:39776102-39778409:-1|gene:AGAP012283	39.3	59	21

519	AGAP013338-PA	733	83.6	hypothetical protein|protein_coding|2R:55562362-55564563:1|gene:AGAP013338	29.74	48	21
520	AGAP000307-PA	1177	125.8	hypothetical protein|protein_coding|X:5433339-5444836:-1|gene:AGAP000307	27.87	87	20
521	AGAP000699-PB	340	37.2	hypothetical protein|protein_coding|X:12542919-12545464:-1|gene:AGAP000699	80	175	20
522	AGAP000721-PA	348	39.7	hypothetical protein|protein_coding|X:13134120-13136720:1|gene:AGAP000721	64.66	251	20
523	AGAP001053-PH	197	23.5	hypothetical protein|protein_coding|X:21347331-21365689:1|gene:AGAP001053	49.24	260	20
524	AGAP001440-PB	416	46.9	hypothetical protein|protein_coding|2R:5049886-5051303:1|gene:AGAP001440	59.62	46	20
525	AGAP001506-PA	347	38.3	hypothetical protein|protein_coding|2R:5698396-5700007:-1|gene:AGAP001506	72.62	284	20
526	AGAP001630-PA	247	26.3	hypothetical protein|protein_coding|2R:7025340-7026083:-1|gene:AGAP001630	93.93	407	20
527	AGAP001791-PA	767	87.6	hypothetical protein|protein_coding|2R:10512947-10516462:1|gene:AGAP001791	29.6	75	20
528	AGAP001911-PA	270	30.8	hypothetical protein|protein_coding|2R:12011749-12012561:1|gene:AGAP001911	51.48	93	20
529	AGAP002504-PA	707	80.1	hypothetical protein|protein_coding|2R:22066592-22069011:-1|gene:AGAP002504	39.18	79	20
530	AGAP002557-PA	607	66.7	hypothetical protein|protein_coding|2R:22797189-22803230:-1|gene:AGAP002557	47.45	125	20
531	AGAP003008-PA	412	46.8	hypothetical protein|protein_coding|2R:31012044-31042208:1|gene:AGAP003008	64.32	46	20
532	AGAP003165-PA	488	52.9	hypothetical protein|protein_coding|2R:33470221-33471783:-1|gene:AGAP003165	57.38	116	20
533	AGAP003397-PA	510	55.7	hypothetical protein|protein_coding|2R:37296878-37298816:1|gene:AGAP003397	48.43	93	20
534	AGAP004996-PA	423	46.7	hypothetical protein|protein_coding|2L:7733493-7734921:-1|gene:AGAP004996	58.16	695	20
535	AGAP005246-PA	395	44.0	Serine Protease Inhibitor (serpin), likely cleavage at K/R. Transcript A.|protein_coding|2L:12999842-13001344:-1|gene:AGAP005246	50.89	76	20
536	AGAP005246-PD	380	42.6	Serine Protease Inhibitor (serpin), likely cleavage at K/R. Transcript A.|protein_coding|2L:12999371-13001344:-1|gene:AGAP005246	53.16	349	20

537	AGAP005531-PA	862	94.0	hypothetical protein|protein_coding|2L:16664376-16667205:-1|gene:AGAP005531	27.96	63	20
538	AGAP005822-PA	513	55.2	hypothetical protein|protein_coding|2L:21865535-21867076:1|gene:AGAP005822	54.97	393	20
539	AGAP005894-PA	607	66.3	hypothetical protein|protein_coding|2L:23226543-23228724:-1|gene:AGAP005894	44.65	83	20
540	AGAP006205-PA	1020	109.9	hypothetical protein|protein_coding|2L:28233908-28238681:1|gene:AGAP006205	27.35	77	20
541	AGAP006220-PA	1149	125.7	hypothetical protein|protein_coding|2L:28512830-28517680:1|gene:AGAP006220	27.07	80	20
542	AGAP006400-PA	525	56.4	hypothetical protein|protein_coding|2L:31096064-31111352:1|gene:AGAP006400	47.24	196	20
543	AGAP006780-PA	429	47.0	hypothetical protein|protein_coding|2L:38172694-38174267:1|gene:AGAP006780	54.78	74	20
544	AGAP006871-PA	262	29.7	hypothetical protein|protein_coding|2L:39285236-39287220:-1|gene:AGAP006871	69.47	132	20
545	AGAP006935-PC	590	64.7	hypothetical protein|protein_coding|2L:40148202-40154198:-1|gene:AGAP006935	46.95	180	20
546	AGAP007364-PA	359	40.1	hypothetical protein|protein_coding|2L:46081267-46083026:1|gene:AGAP007364	44.01	233	20
547	AGAP009031-PA	324	37.6	60S ribosomal protein L5|protein_coding|3R:24355978-24357240:-1|gene:AGAP009031	56.17	91	20
548	AGAP009510-PA	313	33.7	hypothetical protein|protein_coding|3R:34977878-34981324:-1|gene:AGAP009510	65.18	120	20
549	AGAP009746-PA	469	52.4	hypothetical protein|protein_coding|3R:42127368-42128777:1|gene:AGAP009746	53.73	52	20
550	AGAP009783-PA	417	45.6	hypothetical protein|protein_coding|3R:43269836-43271089:-1|gene:AGAP009783	50.12	100	20
551	AGAP010228-PA	689	75.5	hypothetical protein|protein_coding|3R:51290942-51293294:1|gene:AGAP010228	35.12	47	20
552	AGAP010510-PA	454	50.8	hypothetical protein|protein_coding|3L:5261100-5283161:1|gene:AGAP010510	50.22	116	20
553	AGAP010899-PA	593	66.9	Heme Peroxidase.|protein_coding|3L:12786986-12788946:-1|gene:AGAP010899	50.42	57	20
554	AGAP011131-PA	172	19.5	hypothetical protein|protein_coding|3L:17689378-17690225:1|gene:AGAP011131	93.02	201	20

555	AGAP011286-PA	879	101.6	hypothetical protein|protein_coding|3L:20563075-20567267:1|gene:AGAP011286	25.37	69	20
556	AGAP011827-PA	380	41.1	hypothetical protein|protein_coding|3L:33866988-33868327:1|gene:AGAP011827	59.47	57	20
557	AGAP012296-PA	545	62.7	hypothetical protein|protein_coding|3L:39836452-39838508:1|gene:AGAP012296	43.67	114	20
558	AGAP000023-PA	383	42.4	hypothetical protein|protein_coding|X:320251-323017:-1|gene:AGAP000023	60.57	383	19
559	AGAP000179-PC	543	58.8	hypothetical protein|protein_coding|X:2993095-2994864:-1|gene:AGAP000179	47.7	41	19
560	AGAP001198-PA	260	29.4	hypothetical protein|protein_coding|2R:1275500-1276407:1|gene:AGAP001198	62.69	374	19
561	AGAP001512-PA	649	73.4	hypothetical protein|protein_coding|2R:5730254-5732718:1|gene:AGAP001512	36.98	39	19
562	AGAP001751-PE	1169	124.9	hypothetical protein|protein_coding|2R:9305752-9397252:1|gene:AGAP001751	28.49	53	19
563	AGAP002355-PB	368	41.1	hypothetical protein|protein_coding|2R:20589729-20591076:1|gene:AGAP002355	57.88	260	19
564	AGAP002413-PB	417	48.4	hypothetical protein|protein_coding|2R:21026030-21030814:1|gene:AGAP002413	46.76	62	19
565	AGAP002437-PA	206	23.5	hypothetical protein|protein_coding|2R:21382212-21383606:-1|gene:AGAP002437	68.93	105	19
566	AGAP002761-PA	586	63.2	hypothetical protein|protein_coding|2R:26787853-26789693:-1|gene:AGAP002761	50.51	60	19
567	AGAP002969-PA	553	63.4	hypothetical protein|protein_coding|2R:30258021-30259987:-1|gene:AGAP002969	44.67	74	19
568	AGAP003192-PA	293	33.1	hypothetical protein|protein_coding|2R:33741890-33743397:-1|gene:AGAP003192	75.09	204	19
569	AGAP003721-PA	321	35.8	annexin B10B|protein_coding|2R:42431355-42432625:-1|gene:AGAP003721	82.24	79	19
570	AGAP004133-PA	417	48.1	hypothetical protein|protein_coding|2R:50588551-50589804:-1|gene:AGAP004133	49.4	66	19
571	AGAP004151-PA	500	56.9	hypothetical protein|protein_coding|2R:50757551-50759539:-1|gene:AGAP004151	44.6	38	19
572	AGAP005781-PA	426	46.6	hypothetical protein|protein_coding|2L:20547013-20549012:1|gene:AGAP005781	62.44	76	19
573	AGAP005865-PA	416	45.5	hypothetical protein|protein_coding|2L:22654743-22656341:1|gene:AGAP005865	55.53	62	19

574	AGAP005866-PA	512	58.1	hypothetical protein|protein_coding|2L:22659643-22673817:-1|gene:AGAP005866	45.7	260	19
575	AGAP005929-PA	309	34.1	hypothetical protein|protein_coding|2L:23813701-23814963:-1|gene:AGAP005929	78.32	160	19
576	AGAP006228-PA	540	60.1	hypothetical protein|protein_coding|2L:28548623-28550688:1|gene:AGAP006228	59.81	74	19
577	AGAP006414-PA	525	57.0	hypothetical protein|protein_coding|2L:31609254-31611034:-1|gene:AGAP006414	40.19	252	19
578	AGAP006590-PC	2264	250.3	hypothetical protein|protein_coding|2L:34288135-34350226:-1|gene:AGAP006590	12.28	65	19
579	AGAP006638-PA	772	85.5	hypothetical protein|protein_coding|2L:35406803-35410147:-1|gene:AGAP006638	23.58	115	19
580	AGAP006942-PA	1097	122.3	hypothetical protein|protein_coding|2L:40183722-40187648:1|gene:AGAP006942	23.79	45	19
581	AGAP007128-PA	865	99.2	Ribosome biogenesis protein BOP1 homolog|protein_coding|2L:43108639-43111590:1|gene:AGAP007128	24.97	37	19
582	AGAP007217-PA	504	55.3	hypothetical protein|protein_coding|2L:44379309-44381104:1|gene:AGAP007217	56.35	87	19
583	AGAP007643-PC	248	28.3	hypothetical protein|protein_coding|2L:48609260-48612726:-1|gene:AGAP007643	69.76	227	19
584	AGAP007966-PA	297	32.8	hypothetical protein|protein_coding|3R:3386900-3387890:1|gene:AGAP007966	54.21	112	19
585	AGAP007975-PA	513	54.6	hypothetical protein|protein_coding|3R:3618283-3620730:1|gene:AGAP007975	40.16	87	19
586	AGAP008060-PA	439	48.1	hypothetical protein|protein_coding|3R:4934452-4937218:1|gene:AGAP008060	40.77	124	19
587	AGAP008284-PA	165	18.7	hypothetical protein|protein_coding|3R:8562844-8563492:-1|gene:AGAP008284	73.94	580	19
588	AGAP008867-PA	310	34.3	hypothetical protein|protein_coding|3R:20081985-20083453:-1|gene:AGAP008867	71.29	159	19
589	AGAP008879-PA	732	80.1	hypothetical protein|protein_coding|3R:20249818-20255677:1|gene:AGAP008879	27.19	82	19
590	AGAP008907-PA	664	74.4	hypothetical protein|protein_coding|3R:20622956-20625011:-1|gene:AGAP008907	35.69	49	19
591	AGAP008952-PA	429	48.9	hypothetical protein|protein_coding|3R:21793905-21795276:1|gene:AGAP008952	47.32	60	19

592	AGAP009497-PA	571	63.8	hypothetical protein|protein_coding|3R:34744428-34746143:-1|gene:AGAP009497	40.11	75	19
593	AGAP009598-PA	1124	126.2	hypothetical protein|protein_coding|3R:36880342-36887013:-1|gene:AGAP009598	25.98	66	19
594	AGAP009609-PA	437	49.0	hypothetical protein|protein_coding|3R:36994987-36998772:-1|gene:AGAP009609	54.69	76	19
595	AGAP010056-PA	554	63.3	hypothetical protein|protein_coding|3R:48468868-48473896:1|gene:AGAP010056	48.38	89	19
596	AGAP010174-PA	459	52.3	hypothetical protein|protein_coding|3R:49911415-49912870:1|gene:AGAP010174	60.35	115	19
597	AGAP010479-PA	407	45.0	hypothetical protein|protein_coding|3L:4182081-4183867:-1|gene:AGAP010479	57.74	806	19
598	AGAP010691-PA	653	74.0	hypothetical protein|protein_coding|3L:8608707-8610748:1|gene:AGAP010691	32.31	62	19
599	AGAP010877-PA	533	58.3	hypothetical protein|protein_coding|3L:12378835-12380905:-1|gene:AGAP010877	55.16	146	19
600	AGAP011061-PA	351	39.6	hypothetical protein|protein_coding|3L:15808210-15809335:1|gene:AGAP011061	65.24	151	19
601	AGAP011130-PA	399	45.9	hypothetical protein|protein_coding|3L:17686350-17687629:1|gene:AGAP011130	57.39	79	19
602	AGAP011302-PA	531	59.2	hypothetical protein|protein_coding|3L:20759083-20766120:1|gene:AGAP011302	52.92	93	19
603	AGAP011315-PA	537	59.5	hypothetical protein|protein_coding|3L:20940022-20942050:1|gene:AGAP011315	49.53	56	19
604	AGAP011329-PA	413	43.5	hypothetical protein|protein_coding|3L:21118672-21119913:1|gene:AGAP011329	63.44	73	19
605	AGAP011603-PA	650	72.0	hypothetical protein|protein_coding|3L:29279785-29294510:-1|gene:AGAP011603	47.69	45	19
606	AGAP011789-PA	427	45.7	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:33275117-33276554:-1|gene:AGAP011789	37.94	308	19
607	AGAP012068-PA	815	92.2	hypothetical protein|protein_coding|3L:37346984-37361850:-1|gene:AGAP012068	29.45	62	19
608	AGAP012281-PA	385	44.1	Eukaryotic translation initiation factor 3 subunit M (eIF3m)|protein_coding|3L:39764272-39765694:1|gene:AGAP012281	70.91	45	19
609	AGAP012343-PA	1252	138.0	hypothetical protein|protein_coding|3L:40796278-40804246:1|gene:AGAP012343	23.08	85	19

610	AGAP000047-PA	354	36.8	cuticular protein 130, RR-1 family|protein_coding|X:752726-754365:-1|gene:AGAP000047	82.77	161	18
611	AGAP000534-PB	527	57.7	hypothetical protein|protein_coding|X:9555424-9565114:1|gene:AGAP000534	42.13	53	18
612	AGAP000615-PA	849	92.1	hypothetical protein|protein_coding|X:11202832-11206994:1|gene:AGAP000615	27.56	40	18
613	AGAP000616-PA	427	47.7	hypothetical protein|protein_coding|X:11207888-11209171:-1|gene:AGAP000616	53.63	49	18
614	AGAP000719-PA	432	47.6	Adenosylhomocysteinase (AdoHcyase)(EC 3.3.1.1)(S-adenosyl-L-homocysteine hydrolase)|protein_coding|X:13067687-13073294:-1|gene:AGAP000719	54.86	69	18
615	AGAP001111-PB	730	83.4	hypothetical protein|protein_coding|2R:300657-306957:1|gene:AGAP001111	31.78	46	18
616	AGAP001138-PA	236	26.9	hypothetical protein|protein_coding|2R:569086-570174:-1|gene:AGAP001138	71.19	481	18
617	AGAP001273-PA	518	57.3	hypothetical protein|protein_coding|2R:2176670-2179552:1|gene:AGAP001273	46.53	81	18
618	AGAP001805-PA	217	25.1	hypothetical protein|protein_coding|2R:10621526-10622832:-1|gene:AGAP001805	54.84	78	18
619	AGAP002149-PB	1485	155.2	hypothetical protein|protein_coding|2R:16455157-16461223:1|gene:AGAP002149	18.72	77	18
620	AGAP002273-PA	5743	640.7	hypothetical protein|protein_coding|2R:18462666-18488471:1|gene:AGAP002273	68.92	168	18
621	AGAP002316-PA	795	87.1	hypothetical protein|protein_coding|2R:19235646-19265831:-1|gene:AGAP002316	25.28	174	18
622	AGAP002718-PA	600	65.8	hypothetical protein|protein_coding|2R:26171532-26176417:-1|gene:AGAP002718	43.83	82	18
623	AGAP002782-PA	456	49.5	hypothetical protein|protein_coding|2R:27076392-27077937:1|gene:AGAP002782	40.57	78	18
624	AGAP003027-PA	414	43.5	hypothetical protein|protein_coding|2R:31239297-31243298:1|gene:AGAP003027	74.64	137	18
625	AGAP003030-PA	397	43.2	hypothetical protein|protein_coding|2R:31252368-31254045:-1|gene:AGAP003030	62.22	67	18
626	AGAP003238-PC	367	40.1	hypothetical protein|protein_coding|2R:34321695-34347539:-1|gene:AGAP003238	53.13	178	18
627	AGAP003597-PB	474	51.6	hypothetical protein|protein_coding|2R:40393185-40401193:-1|gene:AGAP003597	50.21	73	18

628	AGAP003663-PA	677	73.8	hypothetical protein|protein_coding|2R:41327518-41336640:1|gene:AGAP003663	34.86	66	18
629	AGAP003775-PA	194	22.0	hypothetical protein|protein_coding|2R:43152338-43153176:1|gene:AGAP003775	81.96	121	18
630	AGAP003790-PC	324	35.9	annexin B9|protein_coding|2R:43345310-43353302:1|gene:AGAP003790	57.1	127	18
631	AGAP003926-PA	876	99.0	hypothetical protein|protein_coding|2R:46361954-46364584:1|gene:AGAP003926	29.34	154	18
632	AGAP004382-PA	210	24.0	glutathione transferase|protein_coding|2R:55509366-55510067:-1|gene:AGAP004382	53.33	125	18
633	AGAP004997-PA	436	49.2	hypothetical protein|protein_coding|2L:7737073-7738567:1|gene:AGAP004997	42.43	407	18
634	AGAP005061-PB	195	22.8	hypothetical protein|protein_coding|2L:9150985-9153550:1|gene:AGAP005061	63.08	71	18
635	AGAP005079-PC	353	41.6	hypothetical protein|protein_coding|2L:9737547-9745967:1|gene:AGAP005079	53.82	184	18
636	AGAP005079-PE	353	41.4	hypothetical protein|protein_coding|2L:9737547-9745967:1|gene:AGAP005079	54.39	193	18
637	AGAP005129-PA	278	30.2	hypothetical protein|protein_coding|2L:10338819-10339756:-1|gene:AGAP005129	83.81	52	18
638	AGAP005860-PA	561	60.7	hypothetical protein|protein_coding|2L:22638694-22640458:-1|gene:AGAP005860	42.96	65	18
639	AGAP005864-PA	1386	159.0	hypothetical protein|protein_coding|2L:22649487-22653991:1|gene:AGAP005864	15.87	42	18
640	AGAP006227-PA	542	61.1	hypothetical protein|protein_coding|2L:28545568-28547787:-1|gene:AGAP006227	44.1	66	18
641	AGAP006270-PA	508	57.9	hypothetical protein|protein_coding|2L:28931170-29014318:-1|gene:AGAP006270	41.34	37	18
642	AGAP006370-PA	875	84.6	hypothetical protein|protein_coding|2L:30558761-30561591:1|gene:AGAP006370	32.57	149	18
643	AGAP006371-PA	468	51.6	hypothetical protein|protein_coding|2L:30561675-30563157:-1|gene:AGAP006371	48.08	245	18
644	AGAP006456-PA	262	29.9	hypothetical protein|protein_coding|2L:32355007-32355982:1|gene:AGAP006456	74.05	150	18
645	AGAP006774-PA	739	83.1	hypothetical protein|protein_coding|2L:38118284-38122462:-1|gene:AGAP006774	30.18	82	18
646	AGAP006907-PA	492	56.6	hypothetical protein|protein_coding|2L:39856668-39858724:1|gene:AGAP006907	36.38	52	18

647	AGAP007786-PA	370	40.5	hypothetical protein|protein_coding|3R:838636-840137:-1|gene:AGAP007786	59.73	149	18
648	AGAP008061-PA	447	49.6	hypothetical protein|protein_coding|3R:4938228-4939925:1|gene:AGAP008061	49.22	158	18
649	AGAP008176-PA	746	84.2	hypothetical protein|protein_coding|3R:6391001-6393645:-1|gene:AGAP008176	38.87	104	18
650	AGAP008282-PA	168	18.5	hypothetical protein|protein_coding|3R:8559769-8560424:-1|gene:AGAP008282	81.55	540	18
651	AGAP009033-PA	672	74.3	Heme Peroxidase.|protein_coding|3R:24362997-24365015:-1|gene:AGAP009033	40.48	58	18
652	AGAP009189-PA	1256	134.2	hypothetical protein|protein_coding|3R:28576718-28590073:1|gene:AGAP009189	20.54	110	18
653	AGAP009595-PA	313	36.0	hypothetical protein|protein_coding|3R:36755388-36771079:1|gene:AGAP009595	68.05	396	18
654	AGAP011053-PA	325	36.5	hypothetical protein|protein_coding|3L:15784161-15785346:-1|gene:AGAP011053	72	159	18
655	AGAP011174-PA	434	48.6	hypothetical protein|protein_coding|3L:18235010-18236628:-1|gene:AGAP011174	46.77	47	18
656	AGAP011369-PA	745	83.0	hypothetical protein|protein_coding|3L:22031327-22040318:-1|gene:AGAP011369	31.28	49	18
657	AGAP012053-PA	570	65.3	hypothetical protein|protein_coding|3L:36939003-36942417:-1|gene:AGAP012053	45.09	77	18
658	AGAP013194-PA	404	46.0	hypothetical protein|protein_coding|2R:43085656-43087007:-1|gene:AGAP013194	48.27	55	18
659	AGAP013333-PA	349	38.3	hypothetical protein|protein_coding|2R:40350748-40352872:-1|gene:AGAP013333	61.89	557	18
660	AGAP000222-PB	4952	541.6	hypothetical protein|protein_coding|X:4133151-4163480:1|gene:AGAP000222	4.44	66	17
661	AGAP000735-PA	533	58.8	hypothetical protein|protein_coding|X:13423680-13428170:-1|gene:AGAP000735	37.34	46	17
662	AGAP001047-PA	366	41.0	hypothetical protein|protein_coding|X:20424453-20427491:1|gene:AGAP001047	49.45	80	17
663	AGAP001053-PA	210	24.8	hypothetical protein|protein_coding|X:21347331-21367404:1|gene:AGAP001053	52.86	94	17
664	AGAP001053-PD	210	24.9	hypothetical protein|protein_coding|X:21347331-21367404:1|gene:AGAP001053	52.38	706	17

665	AGAP001082-PA	1006	113.0	hypothetical protein|protein_coding|X:23467516-23493461:-1|gene:AGAP001082	22.37	42	17
666	AGAP001419-PC	532	59.6	hypothetical protein|protein_coding|2R:4707219-4729876:1|gene:AGAP001419	40.41	49	17
667	AGAP001651-PA	380	43.1	hypothetical protein|protein_coding|2R:7309118-7310595:-1|gene:AGAP001651	51.32	60	17
668	AGAP002061-PA	389	45.3	hypothetical protein|protein_coding|2R:14716192-14717361:1|gene:AGAP002061	44.99	61	17
669	AGAP002278-PA	849	96.6	hypothetical protein|protein_coding|2R:18516732-18519580:1|gene:AGAP002278	28.03	108	17
670	AGAP002764-PA	459	51.3	hypothetical protein|protein_coding|2R:26829716-26831168:1|gene:AGAP002764	48.58	60	17
671	AGAP002879-PC	953	106.0	hypothetical protein|protein_coding|2R:28576962-28587719:-1|gene:AGAP002879	21.2	67	17
672	AGAP002994-PA	200	22.8	cuticular protein 10, RR-2 family|protein_coding|2R:30716628-30717304:-1|gene:AGAP002994	71	1978	17
673	AGAP003012-PA	695	78.6	hypothetical protein|protein_coding|2R:31149927-31152536:1|gene:AGAP003012	35.4	126	17
674	AGAP003018-PB	862	96.1	hypothetical protein|protein_coding|2R:31185721-31198614:-1|gene:AGAP003018	32.95	46	17
675	AGAP003560-PA	1562	175.1	hypothetical protein|protein_coding|2R:39524979-39530060:1|gene:AGAP003560	14.85	36	17
676	AGAP003722-PA	321	35.7	annexin B10C|protein_coding|2R:42434203-42435870:1|gene:AGAP003722	72.27	71	17
677	AGAP003759-PA	406	47.2	hypothetical protein|protein_coding|2R:43094404-43095848:-1|gene:AGAP003759	50.49	41	17
678	AGAP003767-PA	418	48.2	hypothetical protein|protein_coding|2R:43119970-43124252:1|gene:AGAP003767	49.04	127	17
679	AGAP003789-PA	426	46.7	hypothetical protein|protein_coding|2R:43312816-43324005:1|gene:AGAP003789	48.36	114	17
680	AGAP004065-PA	595	65.1	hypothetical protein|protein_coding|2R:49283654-49285634:1|gene:AGAP004065	42.69	116	17
681	AGAP004164-PA	209	23.8	Glutathione S-transferase 1, isoform D (EC 2.5.1.18)(GST class-theta)(AgGst1-alpha)(Aggst1-1)(Aggst1-6)(Aggst2-1)|protein_coding|2R:50997517-50999962:1|gene:AGAP004164	77.51	150	17
682	AGAP004275-PA	900	101.8	hypothetical protein|protein_coding|2R:53568087-53570880:-1|gene:AGAP004275	26.78	45	17

683	AGAP004422-PA	204	24.2	hypothetical protein|protein_coding|2R:55869598-55870819:-1|gene:AGAP004422	58.33	62	17
684	AGAP004786-PA	397	43.3	hypothetical protein|protein_coding|2L:3545879-3548062:1|gene:AGAP004786	48.36	70	17
685	AGAP005079-PF	353	41.5	hypothetical protein|protein_coding|2L:9737547-9746528:1|gene:AGAP005079	54.39	194	17
686	AGAP005079-PI	353	41.7	hypothetical protein|protein_coding|2L:9737547-9746528:1|gene:AGAP005079	53.82	185	17
687	AGAP005400-PA	353	40.6	hypothetical protein|protein_coding|2L:15055100-15074220:1|gene:AGAP005400	58.07	52	17
688	AGAP005427-PA	157	17.1	hypothetical protein|protein_coding|2L:15421252-15422329:1|gene:AGAP005427	69.43	112	17
689	AGAP007243-PA	403	45.5	hypothetical protein|protein_coding|2L:44515927-44517138:-1|gene:AGAP007243	55.83	60	17
690	AGAP007494-PA	435	48.4	hypothetical protein|protein_coding|2L:46906386-46912945:1|gene:AGAP007494	45.75	122	17
691	AGAP008044-PA	719	79.3	hypothetical protein|protein_coding|3R:4806168-4808803:1|gene:AGAP008044	31.85	58	17
692	AGAP008127-PA	994	109.8	hypothetical protein|protein_coding|3R:5949356-5953023:-1|gene:AGAP008127	23.74	59	17
693	AGAP008366-PA	1388	154.5	Thioester-containing protein.|protein_coding|3R:10077333-10082432:-1|gene:AGAP008366	14.41	30	17
694	AGAP008370-PA	416	47.7	hypothetical protein|protein_coding|3R:10093831-10095380:1|gene:AGAP008370	70.91	141	17
695	AGAP008530-PA	1122	128.8	hypothetical protein|protein_coding|3R:11896815-11900183:1|gene:AGAP008530	21.39	49	17
696	AGAP008667-PA	724	77.7	hypothetical protein|protein_coding|3R:14637965-14642903:-1|gene:AGAP008667	30.39	61	17
697	AGAP008896-PA	686	76.9	hypothetical protein|protein_coding|3R:20503758-20507435:-1|gene:AGAP008896	34.99	37	17
698	AGAP008955-PA	265	28.1	hypothetical protein|protein_coding|3R:21800317-21801746:-1|gene:AGAP008955	84.91	600	17
699	AGAP009091-PB	488	55.0	hypothetical protein|protein_coding|3R:25554165-25558547:-1|gene:AGAP009091	36.07	61	17
700	AGAP009105-PA	503	56.3	hypothetical protein|protein_coding|3R:25646170-25650112:-1|gene:AGAP009105	45.13	100	17

701	AGAP009265-PA	463	50.3	hypothetical protein|protein_coding|3R:30097547-30099112:1|gene:AGAP009265	55.94	101	17
702	AGAP010233-PA	803	90.9	hypothetical protein|protein_coding|3R:51329214-51332540:1|gene:AGAP010233	25.53	34	17
703	AGAP010257-PA	269	30.5	hypothetical protein|protein_coding|3R:51714351-51715716:-1|gene:AGAP010257	48.7	74	17
704	AGAP010383-PA	694	78.7	hypothetical protein|protein_coding|3L:2418050-2420425:1|gene:AGAP010383	27.81	105	17
705	AGAP010700-PA	1026	119.0	hypothetical protein|protein_coding|3L:8723313-8726791:1|gene:AGAP010700	19.1	32	17
706	AGAP011244-PA	320	33.2	hypothetical protein|protein_coding|3L:19980168-19981710:-1|gene:AGAP011244	62.19	122	17
707	AGAP011472-PA	566	62.6	hypothetical protein|protein_coding|3L:24992891-24994668:1|gene:AGAP011472	42.05	56	17
708	AGAP011634-PA	335	36.0	hypothetical protein|protein_coding|3L:30457027-30458243:1|gene:AGAP011634	66.57	69	17
709	AGAP011777-PA	285	31.4	40S ribosomal protein SA|protein_coding|3L:33171250-33172204:1|gene:AGAP011777	72.28	261	17
710	AGAP012678-PA	474	55.0	hypothetical protein|protein_coding|UNKN:23296366-23297949:1|gene:AGAP012678	46.62	46	17
711	AGAP013511-PB	481	55.0	hypothetical protein|protein_coding|2R:36318345-36324891:1|gene:AGAP013511	33.26	99	17
712	AGAP013544-PA	315	35.1	hypothetical protein|protein_coding|2L:46190807-46192419:1|gene:AGAP013544	65.4	118	17
713	AGAP000363-PA	1379	147.9	hypothetical protein|protein_coding|X:6750553-6756976:-1|gene:AGAP000363	21.32	86	16
714	AGAP000403-PA	814	84.0	hypothetical protein|protein_coding|X:7288463-7291716:-1|gene:AGAP000403	32.8	39	16
715	AGAP001053-PC	197	23.7	hypothetical protein|protein_coding|X:21347331-21365689:1|gene:AGAP001053	46.19	122	16
716	AGAP001065-PG	467	51.7	hypothetical protein|protein_coding|X:22328619-22330127:1|gene:AGAP001065	56.1	62	16
717	AGAP001319-PA	534	59.8	hypothetical protein|protein_coding|2R:2983391-2984995:-1|gene:AGAP001319	41.01	68	16
718	AGAP001919-PA	445	48.5	hypothetical protein|protein_coding|2R:12098233-12099570:1|gene:AGAP001919	44.72	114	16

719	AGAP002091-PA	1358	146.9	hypothetical protein|protein_coding|2R:15221789-15227005:-1|gene:AGAP002091	17.89	30	16
720	AGAP002093-PA	647	70.7	hypothetical protein|protein_coding|2R:15234058-15238853:-1|gene:AGAP002093	27.82	90	16
721	AGAP002170-PA	239	26.4	hypothetical protein|protein_coding|2R:16833676-16834726:-1|gene:AGAP002170	60.67	73	16
722	AGAP002353-PA	415	46.3	hypothetical protein|protein_coding|2R:20547293-20548540:1|gene:AGAP002353	48.67	99	16
723	AGAP002374-PA	362	38.7	hypothetical protein|protein_coding|2R:20791379-20793448:-1|gene:AGAP002374	35.64	66	16
724	AGAP002796-PA	414	46.7	Gram-Negative Binding Protein (GNBP), or Beta-1,3-Glucan Binding Protein (BGBP).|protein_coding|2R:27635821-27637216:-1|gene:AGAP002796	49.76	136	16
725	AGAP003002-PA	917	104.6	hypothetical protein|protein_coding|2R:30969683-30972508:-1|gene:AGAP003002	24.43	36	16
726	AGAP003226-PA	3914	449.3	hypothetical protein|protein_coding|2R:34035214-34047851:-1|gene:AGAP003226	4.88	27	16
727	AGAP003238-PA	369	40.6	hypothetical protein|protein_coding|2R:34321695-34358112:-1|gene:AGAP003238	46.88	155	16
728	AGAP003968-PA	253	28.0	hypothetical protein|protein_coding|2R:47228017-47229233:1|gene:AGAP003968	60.08	45	16
729	AGAP004031-PA	332	34.6	hypothetical protein|protein_coding|2R:47973615-47974897:-1|gene:AGAP004031	67.77	119	16
730	AGAP004273-PA	471	50.0	hypothetical protein|protein_coding|2R:53547639-53562796:-1|gene:AGAP004273	44.37	212	16
731	AGAP004273-PD	518	55.5	hypothetical protein|protein_coding|2R:53538292-53566059:-1|gene:AGAP004273	36.49	201	16
732	AGAP004443-PB	477	51.4	hypothetical protein|protein_coding|2R:56134402-56178307:-1|gene:AGAP004443	42.14	92	16
733	AGAP004609-PA	559	63.4	hypothetical protein|protein_coding|2R:58356779-58358543:-1|gene:AGAP004609	46.69	47	16
734	AGAP004773-PA	377	41.2	hypothetical protein|protein_coding|2L:3360197-3361330:1|gene:AGAP004773	49.07	85	16
735	AGAP005425-PA	830	93.7	hypothetical protein|protein_coding|2L:15383540-15391050:-1|gene:AGAP005425	24.94	30	16
736	AGAP005802-PA	261	28.7	60S ribosomal protein L8|protein_coding|2L:21199262-21200128:-1|gene:AGAP005802	45.59	75	16

737	AGAP005846-PA	428	48.8	hypothetical protein|protein_coding|2L:22436100-22437873:1|gene:AGAP005846	49.53	67	16
738	AGAP006184-PA	717	78.2	hypothetical protein|protein_coding|2L:27863960-27871493:1|gene:AGAP006184	39.47	82	16
739	AGAP006398-PA	290	31.2	hypothetical protein|protein_coding|2L:31084228-31085711:1|gene:AGAP006398	72.41	401	16
740	AGAP006434-PA	519	57.2	hypothetical protein|protein_coding|2L:31793430-31795063:1|gene:AGAP006434	57.61	111	16
741	AGAP006772-PA	705	80.7	hypothetical protein|protein_coding|2L:38106663-38109297:1|gene:AGAP006772	33.76	81	16
742	AGAP007868-PA	439	48.5	hypothetical protein|protein_coding|3R:2391251-2392961:1|gene:AGAP007868	47.15	50	16
743	AGAP008281-PA	165	19.3	hypothetical protein|protein_coding|3R:8558236-8558864:-1|gene:AGAP008281	64.24	409	16
744	AGAP008292-PA	275	29.6	Trypsin-4 Precursor (EC 3.4.21.4)|protein_coding|3R:8627757-8628584:1|gene:AGAP008292	80	480	16
745	AGAP008596-PA	690	76.7	hypothetical protein|protein_coding|3R:13469012-13478963:-1|gene:AGAP008596	29.42	35	16
746	AGAP008637-PA	668	73.4	hypothetical protein|protein_coding|3R:13805741-13808126:1|gene:AGAP008637	32.93	79	16
747	AGAP008770-PA	1397	156.2	hypothetical protein|protein_coding|3R:17382453-17386996:-1|gene:AGAP008770	15.39	38	16
748	AGAP008963-PA	233	27.6	hypothetical protein|protein_coding|3R:22246066-22246832:-1|gene:AGAP008963	78.54	132	16
749	AGAP008988-PA	402	44.5	hypothetical protein|protein_coding|3R:22731159-22732367:-1|gene:AGAP008988	51.99	51	16
750	AGAP009119-PA	397	42.2	hypothetical protein|protein_coding|3R:26179708-26180958:1|gene:AGAP009119	63.22	48	16
751	AGAP010253-PA	275	30.6	hypothetical protein|protein_coding|3R:51664738-51665706:-1|gene:AGAP010253	68	101	16
752	AGAP010382-PA	967	109.5	Serrate RNA effector molecule homolog (Arsenite-resistance protein 2 homolog)|protein_coding|3L:2396139-2401816:-1|gene:AGAP010382	23.06	33	16
753	AGAP010404-PA	218	24.8	Glutathione S-transferase (EC 2.5.1.18)(GST class-sigma)|protein_coding|3L:2779874-2784335:-1|gene:AGAP010404	70.64	274	16
754	AGAP010421-PA	355	38.4	hypothetical protein|protein_coding|3L:3018539-3020310:1|gene:AGAP010421	68.17	122	16

755	AGAP010592-PA	192	22.2	40S ribosomal protein S7|protein_coding|3L:6565707-6566516:1|gene:AGAP010592	71.35	77	16
756	AGAP011099-PA	1593	181.2	hypothetical protein|protein_coding|3L:16873002-16888797:-1|gene:AGAP011099	12.93	60	16
757	AGAP011190-PA	361	40.6	hypothetical protein|protein_coding|3L:18875883-18877134:-1|gene:AGAP011190	53.74	40	16
758	AGAP011352-PA	677	75.5	hypothetical protein|protein_coding|3L:21659132-21661165:1|gene:AGAP011352	29.84	33	16
759	AGAP011514-PA	233	25.7	hypothetical protein|protein_coding|3L:26294061-26294759:-1|gene:AGAP011514	76.39	2448	16
760	AGAP011551-PA	1280	138.6	hypothetical protein|protein_coding|3L:27210476-27217970:1|gene:AGAP011551	17.66	44	16
761	AGAP011872-PA	350	39.7	hypothetical protein|protein_coding|3L:34565744-34566956:-1|gene:AGAP011872	68	56	16
762	AGAP011948-PA	361	41.0	hypothetical protein|protein_coding|3L:35499770-35502693:1|gene:AGAP011948	66.76	82	16
763	AGAP012081-PA	217	22.7	hypothetical protein|protein_coding|3L:37467138-37467788:-1|gene:AGAP012081	85.71	921	16
764	AGAP012261-PA	349	38.0	hypothetical protein|protein_coding|3L:39524958-39526328:-1|gene:AGAP012261	49.57	66	16
765	AGAP012305-PA	489	52.7	hypothetical protein|protein_coding|3L:39977329-39989353:1|gene:AGAP012305	46.83	106	16
766	AGAP013078-PA	396	43.8	hypothetical protein|protein_coding|2R:2094051-2095241:1|gene:AGAP013078	52.02	98	16
767	AGAP013282-PA	589	66.2	Heme Peroxidase.|protein_coding|3L:12790004-12791984:-1|gene:AGAP013282	38.37	36	16
768	AGAP013443-PA	481	53.4	hypothetical protein|protein_coding|2R:2091916-2093494:1|gene:AGAP013443	49.06	64	16
769	AGAP000035-PA	2455	277.0	hypothetical protein|protein_coding|X:445028-452835:-1|gene:AGAP000035	7.49	23	15
770	AGAP000094-PA	309	34.5	hypothetical protein|protein_coding|X:1548193-1549202:-1|gene:AGAP000094	69.9	223	15
771	AGAP000167-PA	333	36.4	hypothetical protein|protein_coding|X:2866506-2869443:1|gene:AGAP000167	65.77	42	15
772	AGAP000270-PA	423	49.1	hypothetical protein|protein_coding|X:4983591-4984862:1|gene:AGAP000270	44.21	26	15

773	AGAP000416-PB	303	33.8	hypothetical protein|protein_coding|X:7437094-7438072:-1|gene:AGAP000416	50.17	48	15
774	AGAP000462-PA	164	18.0	hypothetical protein|protein_coding|X:8017977-8020420:-1|gene:AGAP000462	90.85	221	15
775	AGAP000577-PC	666	77.0	hypothetical protein|protein_coding|X:10149615-10153006:-1|gene:AGAP000577	25.53	80	15
776	AGAP000711-PA	999	115.5	hypothetical protein|protein_coding|X:12700363-12706040:-1|gene:AGAP000711	21.12	34	15
777	AGAP001135-PA	819	91.7	hypothetical protein|protein_coding|2R:562788-565409:-1|gene:AGAP001135	24.91	36	15
778	AGAP001313-PA	188	20.6	hypothetical protein|protein_coding|2R:2847152-2868225:1|gene:AGAP001313	81.38	45	15
779	AGAP001318-PA	394	40.6	hypothetical protein|protein_coding|2R:2979899-2981836:1|gene:AGAP001318	57.36	41	15
780	AGAP002008-PA	450	51.5	hypothetical protein|protein_coding|2R:13835964-13837467:1|gene:AGAP002008	44.44	53	15
781	AGAP002182-PA	609	69.1	hypothetical protein|protein_coding|2R:17198931-17200915:-1|gene:AGAP002182	34.15	41	15
782	AGAP002192-PA	384	42.4	hypothetical protein|protein_coding|2R:17387722-17389303:-1|gene:AGAP002192	57.55	92	15
783	AGAP002378-PA	483	53.9	hypothetical protein|protein_coding|2R:20816216-20817738:1|gene:AGAP002378	42.65	41	15
784	AGAP002457-PA	571	64.6	hypothetical protein|protein_coding|2R:21584335-21587320:-1|gene:AGAP002457	34.68	45	15
785	AGAP002653-PA	496	55.5	hypothetical protein|protein_coding|2R:25167010-25168581:-1|gene:AGAP002653	34.88	29	15
786	AGAP003052-PA	328	36.4	hypothetical protein|protein_coding|2R:31483141-31484285:-1|gene:AGAP003052	62.2	33	15
787	AGAP003264-PA	418	48.5	hypothetical protein|protein_coding|2R:34604479-34605810:1|gene:AGAP003264	44.26	37	15
788	AGAP003274-PA	998	109.3	hypothetical protein|protein_coding|2R:34774563-34778942:1|gene:AGAP003274	18.84	27	15
789	AGAP003277-PC	389	41.8	hypothetical protein|protein_coding|2R:34794101-34795805:1|gene:AGAP003277	46.79	300	15
790	AGAP003398-PF	297	33.1	hypothetical protein|protein_coding|2R:37299909-37311520:1|gene:AGAP003398	62.96	180	15

791	AGAP003459-PA	815	93.6	hypothetical protein|protein_coding|2R:37937591-37940341:-1|gene:AGAP003459	25.64	44	15
792	AGAP003477-PA	531	58.4	hypothetical protein|protein_coding|2R:38186089-38187900:1|gene:AGAP003477	37.48	86	15
793	AGAP003517-PA	590	66.0	hypothetical protein|protein_coding|2R:39071095-39073034:-1|gene:AGAP003517	36.27	31	15
794	AGAP003586-PA	348	38.2	hypothetical protein|protein_coding|2R:40346388-40347804:-1|gene:AGAP003586	50.86	162	15
795	AGAP003592-PA	314	34.0	hypothetical protein|protein_coding|2R:40369299-40370559:-1|gene:AGAP003592	63.69	178	15
796	AGAP003647-PA	922	101.0	hypothetical protein|protein_coding|2R:40951961-40955483:-1|gene:AGAP003647	21.8	33	15
797	AGAP003725-PB	834	92.2	hypothetical protein|protein_coding|2R:42448844-42466980:1|gene:AGAP003725	24.58	28	15
798	AGAP003757-PA	423	49.6	hypothetical protein|protein_coding|2R:43089862-43091289:1|gene:AGAP003757	35.22	63	15
799	AGAP003790-PA	324	35.7	annexin B9|protein_coding|2R:43345310-43352336:1|gene:AGAP003790	58.33	42	15
800	AGAP003790-PD	325	35.9	annexin B9|protein_coding|2R:43345310-43350413:1|gene:AGAP003790	55.69	42	15
801	AGAP003893-PB	473	50.9	hypothetical protein|protein_coding|2R:45636131-45639692:-1|gene:AGAP003893	42.92	52	15
802	AGAP003939-PD	595	66.3	hypothetical protein|protein_coding|2R:46558832-46564786:-1|gene:AGAP003939	40.34	72	15
803	AGAP004109-PA	708	80.3	hypothetical protein|protein_coding|2R:50052963-50061656:1|gene:AGAP004109	32.2	30	15
804	AGAP004351-PA	713	79.9	hypothetical protein|protein_coding|2R:54943289-54945499:1|gene:AGAP004351	30.58	24	15
805	AGAP004504-PA	658	70.0	hypothetical protein|protein_coding|2R:57140067-57149059:1|gene:AGAP004504	36.93	44	15
806	AGAP004519-PA	322	35.9	hypothetical protein|protein_coding|2R:57327659-57329455:1|gene:AGAP004519	52.48	157	15
807	AGAP004793-PB	419	45.9	hypothetical protein|protein_coding|2L:3589167-3590507:1|gene:AGAP004793	53.46	76	15
808	AGAP004919-PA	204	24.2	60S ribosomal protein L15 (RL10)|protein_coding|2L:6015542-6016396:1|gene:AGAP004919	52.94	31	15
809	AGAP005076-PA	688	73.7	hypothetical protein|protein_coding|2L:9658068-9692210:1|gene:AGAP005076	29.36	88	15

810	AGAP005076-PB	357	40.5	hypothetical protein|protein_coding|2L:9658068-9692210:1|gene:AGAP005076	48.46	40	15
811	AGAP005110-PA	418	47.0	hypothetical protein|protein_coding|2L:10204321-10206087:1|gene:AGAP005110	48.8	59	15
812	AGAP005127-PA	790	88.2	hypothetical protein|protein_coding|2L:10332855-10335227:-1|gene:AGAP005127	28.23	41	15
813	AGAP005175-PA	2323	261.2	hypothetical protein|protein_coding|2L:11389330-11403942:1|gene:AGAP005175	10.42	63	15
814	AGAP005221-PA	824	93.3	hypothetical protein|protein_coding|2L:12501169-12503766:1|gene:AGAP005221	21.97	30	15
815	AGAP005369-PA	1193	122.7	hypothetical protein|protein_coding|2L:14699003-14706933:-1|gene:AGAP005369	15.67	144	15
816	AGAP005569-PA	343	40.5	hypothetical protein|protein_coding|2L:17320772-17321803:1|gene:AGAP005569	53.35	64	15
817	AGAP005581-PA	330	34.3	hypothetical protein|protein_coding|2L:17369577-17371537:1|gene:AGAP005581	66.06	126	15
818	AGAP005948-PA	486	55.0	Kynurenine 3-monooxygenase (EC 1.14.13.9)(Kynurenine 3-hydroxylase)|protein_coding|2L:23985383-23988617:1|gene:AGAP005948	39.51	83	15
819	AGAP006206-PB	422	47.5	hypothetical protein|protein_coding|2L:28241650-28243225:-1|gene:AGAP006206	43.84	107	15
820	AGAP006260-PA	419	47.0	hypothetical protein|protein_coding|2L:28709272-28740500:-1|gene:AGAP006260	49.4	96	15
821	AGAP006260-PD	243	27.5	hypothetical protein|protein_coding|2L:28709272-28717156:-1|gene:AGAP006260	76.13	132	15
822	AGAP006479-PA	1792	206.9	hypothetical protein|protein_coding|2L:32830309-32839433:1|gene:AGAP006479	11.33	30	15
823	AGAP006576-PC	364	38.4	hypothetical protein|protein_coding|2L:34221311-34222607:-1|gene:AGAP006576	51.65	58	15
824	AGAP006817-PA	1081	123.6	hypothetical protein|protein_coding|2L:38862220-38866697:-1|gene:AGAP006817	16.93	43	15
825	AGAP006918-PA	175	20.0	hypothetical protein|protein_coding|2L:39996157-39996903:-1|gene:AGAP006918	82.29	62	15
826	AGAP007361-PA	785	88.2	hypothetical protein|protein_coding|2L:46056998-46060657:1|gene:AGAP007361	28.15	43	15
827	AGAP007545-PA	1245	141.0	hypothetical protein|protein_coding|2L:47449397-47463070:1|gene:AGAP007545	14.22	40	15

828	AGAP007780-PA	168	19.7	hypothetical protein|protein_coding|3R:755284-760839:-1|gene:AGAP007780	78.57	88	15
829	AGAP008141-PA	480	54.3	hypothetical protein|protein_coding|3R:6123739-6125285:1|gene:AGAP008141	36.04	33	15
830	AGAP008943-PA	685	78.5	hypothetical protein|protein_coding|3R:21368037-21378346:1|gene:AGAP008943	29.78	72	15
831	AGAP009056-PA	870	98.8	hypothetical protein|protein_coding|3R:24934086-24937610:-1|gene:AGAP009056	19.31	35	15
832	AGAP009224-PA	376	41.0	hypothetical protein|protein_coding|3R:28887506-28888888:1|gene:AGAP009224	66.76	125	15
833	AGAP009348-PA	491	55.5	hypothetical protein|protein_coding|3R:31577904-31586318:-1|gene:AGAP009348	40.12	83	15
834	AGAP009365-PA	309	36.2	hypothetical protein|protein_coding|3R:31804498-31805861:1|gene:AGAP009365	40.78	33	15
835	AGAP009642-PA	349	38.5	hypothetical protein|protein_coding|3R:37484416-37487973:-1|gene:AGAP009642	52.44	192	15
836	AGAP009998-PA	153	17.8	40S ribosomal protein S11|protein_coding|3R:47431966-47434663:1|gene:AGAP009998	64.71	35	15
837	AGAP010098-PA	159	17.3	cuticular protein 83, RR-2 family|protein_coding|3R:49131899-49132512:-1|gene:AGAP010098	78.62	965	15
838	AGAP010130-PB	283	31.6	hypothetical protein|protein_coding|3R:49265719-49266728:-1|gene:AGAP010130	56.18	43	15
839	AGAP010175-PB	429	46.2	hypothetical protein|protein_coding|3R:49914396-49916126:-1|gene:AGAP010175	43.59	52	15
840	AGAP010310-PA	438	49.2	hypothetical protein|protein_coding|3L:66666-82270:-1|gene:AGAP010310	40.64	49	15
841	AGAP010387-PA	396	44.3	hypothetical protein|protein_coding|3L:2444147-2445549:-1|gene:AGAP010387	43.43	86	15
842	AGAP010491-PA	1008	113.1	hypothetical protein|protein_coding|3L:5028144-5031626:-1|gene:AGAP010491	21.43	33	15
843	AGAP010586-PA	334	36.4	hypothetical protein|protein_coding|3L:6547462-6548552:-1|gene:AGAP010586	58.38	35	15
844	AGAP010630-PA	1081	121.8	hypothetical protein|protein_coding|3L:7641525-7645612:-1|gene:AGAP010630	20.81	74	15
845	AGAP011051-PA	319	35.5	hypothetical protein|protein_coding|3L:15778780-15779878:1|gene:AGAP011051	73.98	49	15
846	AGAP011054-PA	196	22.0	Thioredoxin Peroxidase.|protein_coding|3L:15789079-15789669:1|gene:AGAP011054	76.02	53	15

847	AGAP011172-PA	395	43.4	hypothetical protein|protein_coding|3L:18227817-18231273:-1|gene:AGAP011172	71.14	27	15
848	AGAP011424-PA	148	16.8	hypothetical protein|protein_coding|3L:24478597-24479192:-1|gene:AGAP011424	75	73	15
849	AGAP011444-PA	271	30.3	hypothetical protein|protein_coding|3L:24754838-24755828:1|gene:AGAP011444	72.32	55	15
850	AGAP011531-PA	447	50.3	hypothetical protein|protein_coding|3L:26869304-26870808:1|gene:AGAP011531	43.18	56	15
851	AGAP011537-PA	840	94.2	hypothetical protein|protein_coding|3L:26912149-26931547:-1|gene:AGAP011537	21.43	31	15
852	AGAP011726-PA	227	25.9	hypothetical protein|protein_coding|3L:32456395-32457149:-1|gene:AGAP011726	80.62	567	15
853	AGAP012056-PA	148	17.1	hypothetical protein|protein_coding|3L:37152368-37162588:-1|gene:AGAP012056	87.16	176	15
854	AGAP000017-PA	3676	404.6	hypothetical protein|protein_coding|X:212901-233263:1|gene:AGAP000017	4.33	34	14
855	AGAP000367-PA	294	32.2	hypothetical protein|protein_coding|X:6773292-6774331:-1|gene:AGAP000367	61.9	251	14
856	AGAP000805-PA	231	25.9	hypothetical protein|protein_coding|X:14757608-14758303:1|gene:AGAP000805	59.74	148	14
857	AGAP000891-PA	593	68.0	hypothetical protein|protein_coding|X:16768566-16771986:1|gene:AGAP000891	35.08	28	14
858	AGAP000909-PA	405	46.5	hypothetical protein|protein_coding|X:17143847-17147464:1|gene:AGAP000909	34.57	67	14
859	AGAP001026-PA	412	45.7	hypothetical protein|protein_coding|X:19721522-19722826:-1|gene:AGAP001026	53.16	50	14
860	AGAP001053-PB	210	24.7	hypothetical protein|protein_coding|X:21347331-21367404:1|gene:AGAP001053	50.48	618	14
861	AGAP001384-PA	353	40.7	hypothetical protein|protein_coding|2R:4098311-4099372:-1|gene:AGAP001384	44.19	142	14
862	AGAP001407-PA	392	44.3	hypothetical protein|protein_coding|2R:4204769-4206121:-1|gene:AGAP001407	48.47	47	14
863	AGAP001419-PB	532	59.3	hypothetical protein|protein_coding|2R:4707219-4729876:1|gene:AGAP001419	28.95	31	14
864	AGAP001621-PB	260	29.0	hypothetical protein|protein_coding|2R:6967883-6969403:1|gene:AGAP001621	60.77	92	14
865	AGAP001622-PA	212	22.9	hypothetical protein|protein_coding|2R:6973180-6974563:1|gene:AGAP001622	83.02	210	14

866	AGAP001724-PA	541	60.0	hypothetical protein|protein_coding|2R:8933934-8935747:-1|gene:AGAP001724	37.71	67	14
867	AGAP001754-PA	2847	311.3	hypothetical protein|protein_coding|2R:9447208-9459719:1|gene:AGAP001754	7.02	33	14
868	AGAP001930-PB	412	43.7	hypothetical protein|protein_coding|2R:12391388-12392626:1|gene:AGAP001930	39.32	101	14
869	AGAP001995-PA	234	25.8	hypothetical protein|protein_coding|2R:13318579-13319462:-1|gene:AGAP001995	67.09	67	14
870	AGAP002399-PA	356	40.3	hypothetical protein|protein_coding|2R:20946288-20949033:1|gene:AGAP002399	30.06	100	14
871	AGAP002464-PA	233	26.2	hypothetical protein|protein_coding|2R:21823850-21824669:-1|gene:AGAP002464	67.81	103	14
872	AGAP002502-PA	2280	249.2	hypothetical protein|protein_coding|2R:22055946-22062926:-1|gene:AGAP002502	8.03	21	14
873	AGAP002549-PA	551	62.0	hypothetical protein|protein_coding|2R:22672956-22675033:1|gene:AGAP002549	34.85	91	14
874	AGAP002862-PA	505	57.2	cytochrome P450|protein_coding|2R:28480944-28482564:-1|gene:AGAP002862	27.92	57	14
875	AGAP002935-PA	287	31.6	Eukaryotic translation initiation factor 3 subunit F (eIF3f)(Eukaryotic translation initiation factor 3 subunit 5)|protein_coding|2R:29839433-29840474:1|gene:AGAP002935	79.09	67	14
876	AGAP003124-PB	333	36.4	hypothetical protein|protein_coding|2R:32940028-32949396:-1|gene:AGAP003124	52.85	85	14
877	AGAP003142-PA	443	49.2	hypothetical protein|protein_coding|2R:33208673-33211207:1|gene:AGAP003142	46.28	47	14
878	AGAP003200-PA	272	31.8	hypothetical protein|protein_coding|2R:33798881-33800387:1|gene:AGAP003200	56.25	37	14
879	AGAP003215-PA	438	49.1	hypothetical protein|protein_coding|2R:33995963-33997279:1|gene:AGAP003215	44.75	31	14
880	AGAP003228-PA	429	48.3	hypothetical protein|protein_coding|2R:34050773-34052181:1|gene:AGAP003228	51.05	43	14
881	AGAP003398-PA	292	32.5	hypothetical protein|protein_coding|2R:37299909-37311790:1|gene:AGAP003398	74.66	50	14
882	AGAP003462-PA	370	42.5	hypothetical protein|protein_coding|2R:37963320-37964635:1|gene:AGAP003462	40.81	62	14
883	AGAP003766-PA	412	46.6	hypothetical protein|protein_coding|2R:43114660-43116102:-1|gene:AGAP003766	44.66	26	14

884	AGAP004164-PB	209	23.4	Glutathione S-transferase 1, isoform D (EC 2.5.1.18)(GST class-theta)(AgGst1-alpha)(Aggst1-1)(Aggst1-6)(Aggst2-1)|protein_coding|2R:50997517-51001332:1|gene:AGAP004164	61.72	142	14
885	AGAP004294-PA	538	57.5	hypothetical protein|protein_coding|2R:54154085-54156294:1|gene:AGAP004294	39.41	60	14
886	AGAP004297-PA	382	43.0	hypothetical protein|protein_coding|2R:54160335-54161957:1|gene:AGAP004297	41.62	101	14
887	AGAP004483-PA	1247	134.5	hypothetical protein|protein_coding|2R:56807875-56816036:1|gene:AGAP004483	17.48	24	14
888	AGAP004645-PA	185	21.4	hypothetical protein|protein_coding|2R:59008011-59020262:-1|gene:AGAP004645	76.22	84	14
889	AGAP004890-PB	420	45.1	hypothetical protein|protein_coding|2L:4976675-4985358:1|gene:AGAP004890	50.24	49	14
890	AGAP004991-PA	231	25.7	hypothetical protein|protein_coding|2L:7587895-7588688:-1|gene:AGAP004991	56.28	49	14
891	AGAP005369-PB	455	48.6	hypothetical protein|protein_coding|2L:14704094-14706933:-1|gene:AGAP005369	31.43	154	14
892	AGAP005420-PA	318	36.3	hypothetical protein|protein_coding|2L:15365542-15369063:-1|gene:AGAP005420	60.69	82	14
893	AGAP005644-PA	892	97.1	hypothetical protein|protein_coding|2L:18171713-18174890:-1|gene:AGAP005644	22.65	61	14
894	AGAP005645-PA	245	26.5	hypothetical protein|protein_coding|2L:18215558-18216360:-1|gene:AGAP005645	61.22	105	14
895	AGAP005752-PA	530	60.3	hypothetical protein|protein_coding|2L:20205678-20207405:-1|gene:AGAP005752	27.92	51	14
896	AGAP005960-PA	271	30.9	60S ribosomal protein L7a|protein_coding|2L:24055294-24056109:-1|gene:AGAP005960	52.77	52	14
897	AGAP005981-PA	400	44.4	hypothetical protein|protein_coding|2L:24449748-24450950:-1|gene:AGAP005981	50	50	14
898	AGAP006132-PA	290	33.1	hypothetical protein|protein_coding|2L:27044769-27045702:-1|gene:AGAP006132	54.83	71	14
899	AGAP006183-PA	503	56.4	hypothetical protein|protein_coding|2L:27826177-27833499:-1|gene:AGAP006183	39.36	89	14
900	AGAP007244-PA	428	47.8	Ribosome biogenesis protein WDR12 homolog|protein_coding|2L:44517560-44518992:-1|gene:AGAP007244	44.39	66	14
901	AGAP007249-PA	141	16.8	hypothetical protein|protein_coding|2L:44639573-44640674:-1|gene:AGAP007249	75.89	189	14

902	AGAP007453-PA	465	52.0	hypothetical protein|protein_coding|2L:46645882-46647345:1|gene:AGAP007453	29.89	49	14
903	AGAP007687-PA	446	51.8	hypothetical protein|protein_coding|2L:49063022-49066857:1|gene:AGAP007687	42.6	63	14
904	AGAP007698-PC	290	33.5	hypothetical protein|protein_coding|2L:49112993-49128979:-1|gene:AGAP007698	38.62	97	14
905	AGAP007742-PA	784	88.0	E3 UFM1-protein ligase 1 homolog (EC 6.3.2.-)|protein_coding|3R:176422-179263:1|gene:AGAP007742	24.23	30	14
906	AGAP007790-PB	320	36.0	hypothetical protein|protein_coding|3R:872904-879141:-1|gene:AGAP007790	51.88	639	14
907	AGAP007958-PA	789	87.4	hypothetical protein|protein_coding|3R:3310705-3313439:1|gene:AGAP007958	23.07	29	14
908	AGAP008268-PA	1855	206.1	hypothetical protein|protein_coding|3R:8100913-8107492:1|gene:AGAP008268	13.15	42	14
909	AGAP008516-PA	519	58.1	hypothetical protein|protein_coding|3R:11698759-11712549:-1|gene:AGAP008516	35.84	48	14
910	AGAP008634-PA	404	45.4	hypothetical protein|protein_coding|3R:13790029-13791508:-1|gene:AGAP008634	39.6	44	14
911	AGAP008863-PA	930	105.5	hypothetical protein|protein_coding|3R:19883912-19922827:-1|gene:AGAP008863	16.45	34	14
912	AGAP009593-PA	433	49.1	Zinc carboxypeptidase A 1 Precursor (EC 3.4.17.-)(AgCP)|protein_coding|3R:36730614-36731915:1|gene:AGAP009593	52.89	153	14
913	AGAP009600-PA	1036	117.4	hypothetical protein|protein_coding|3R:36940286-36943526:-1|gene:AGAP009600	19.02	21	14
914	AGAP009624-PA	629	69.9	hypothetical protein|protein_coding|3R:37158851-37162621:-1|gene:AGAP009624	29.41	43	14
915	AGAP009726-PA	1698	191.5	hypothetical protein|protein_coding|3R:41719746-41776937:1|gene:AGAP009726	12.43	25	14
916	AGAP009752-PA	453	52.6	angiotensin-converting enzyme 3|protein_coding|3R:42361285-42365395:1|gene:AGAP009752	38.41	50	14
917	AGAP009786-PA	1383	147.3	hypothetical protein|protein_coding|3R:43282524-43287851:1|gene:AGAP009786	15.26	19	14
918	AGAP009840-PA	832	92.4	hypothetical protein|protein_coding|3R:44088573-44091240:-1|gene:AGAP009840	23.32	23	14
919	AGAP009921-PA	884	98.5	hypothetical protein|protein_coding|3R:45321162-45324876:-1|gene:AGAP009921	23.87	29	14

920	AGAP010164-PA	787	90.1	hypothetical protein|protein_coding|3R:49786224-49791007:1|gene:AGAP010164	21.35	30	14
921	AGAP010624-PA	367	40.9	hypothetical protein|protein_coding|3L:7363170-7364583:-1|gene:AGAP010624	52.86	51	14
922	AGAP010734-PA	687	77.7	Heme Peroxidase.|protein_coding|3L:9068835-9071148:1|gene:AGAP010734	34.93	66	14
923	AGAP010765-PA	191	21.1	hypothetical protein|protein_coding|3L:10020211-10021613:1|gene:AGAP010765	70.16	74	14
924	AGAP010917-PA	579	64.1	hypothetical protein|protein_coding|3L:12933926-12935954:1|gene:AGAP010917	38.69	41	14
925	AGAP010933-PA	158	17.6	hypothetical protein|protein_coding|3L:13354478-13355040:1|gene:AGAP010933	58.23	97	14
926	AGAP011166-PA	327	37.4	hypothetical protein|protein_coding|3L:18191585-18195623:1|gene:AGAP011166	54.74	92	14
927	AGAP011690-PA	387	42.8	Probable dynactin subunit 2|protein_coding|3L:31408659-31410043:-1|gene:AGAP011690	44.7	48	14
928	AGAP011800-PA	333	36.9	hypothetical protein|protein_coding|3L:33331569-33333359:-1|gene:AGAP011800	54.95	96	14
929	AGAP011824-PA	221	25.0	Thioredoxin Peroxidase.|protein_coding|3L:33860711-33861716:-1|gene:AGAP011824	66.97	63	14
930	AGAP011833-PA	299	32.4	hypothetical protein|protein_coding|3L:33896030-33897085:1|gene:AGAP011833	53.85	108	14
931	AGAP011895-PA	419	46.4	hypothetical protein|protein_coding|3L:34672917-34674344:1|gene:AGAP011895	54.65	38	14
932	AGAP011937-PA	579	65.9	hypothetical protein|protein_coding|3L:35390630-35398037:1|gene:AGAP011937	26.94	85	14
933	AGAP012302-PA	656	71.1	hypothetical protein|protein_coding|3L:39928958-39936158:-1|gene:AGAP012302	34.45	265	14
934	AGAP012304-PA	184	20.3	hypothetical protein|protein_coding|3L:39966092-39966828:1|gene:AGAP012304	74.46	160	14
935	AGAP012529-PA	143	16.0	AGAP012529-PA|Galectin.|protein_coding|UNKN:11588073-11588646:-1|gene:AGAP012529	96.5	204	14
936	AGAP012560-PA	101	11.4	hypothetical protein|protein_coding|UNKN:16236864-16237169:-1|gene:AGAP012560	84.16	135	14
937	AGAP013490-PA	509	59.5	hypothetical protein|protein_coding|X:1459365-1460894:1|gene:AGAP013490	32.81	94	14

938	AGAP000249-PA	604	69.7	hypothetical protein|protein_coding|X:4593161-4595917:-1|gene:AGAP000249	34.6	34	13
939	AGAP000399-PA	363	38.4	hypothetical protein|protein_coding|X:7260671-7269894:-1|gene:AGAP000399	30.85	114	13
940	AGAP000703-PA	833	91.4	hypothetical protein|protein_coding|X:12597182-12610383:1|gene:AGAP000703	15.13	82	13
941	AGAP000739-PA	157	18.1	hypothetical protein|protein_coding|X:13489601-13490155:-1|gene:AGAP000739	69.43	85	13
942	AGAP000969-PA	415	46.7	hypothetical protein|protein_coding|X:18600501-18614178:-1|gene:AGAP000969	42.65	73	13
943	AGAP001274-PA	149	17.1	hypothetical protein|protein_coding|2R:2185484-2185933:1|gene:AGAP001274	76.51	78	13
944	AGAP001325-PA	194	20.5	hypothetical protein|protein_coding|2R:3004695-3008509:1|gene:AGAP001325	68.56	91	13
945	AGAP001356-PA	737	80.9	Acetylcholinesterase Precursor (AChE)(EC 3.1.1.7)|protein_coding|2R:3489213-3493788:1|gene:AGAP001356	25.37	49	13
946	AGAP001488-PA	358	41.8	hypothetical protein|protein_coding|2R:5553655-5554731:-1|gene:AGAP001488	36.31	39	13
947	AGAP001569-PA	160	18.2	hypothetical protein|protein_coding|2R:6333567-6335030:1|gene:AGAP001569	91.88	324	13
948	AGAP001569-PB	154	17.5	hypothetical protein|protein_coding|2R:6333567-6335662:1|gene:AGAP001569	88.31	286	13
949	AGAP001666-PA	245	25.3	Cuticle protein|protein_coding|2R:7645435-7646262:-1|gene:AGAP001666	78.37	469	13
950	AGAP001668-PA	246	25.4	cuticular protein 5, RR-2 family|protein_coding|2R:7651641-7652462:-1|gene:AGAP001668	68.7	475	13
951	AGAP001681-PA	1039	118.0	hypothetical protein|protein_coding|2R:8217795-8220987:1|gene:AGAP001681	15.78	28	13
952	AGAP002370-PA	672	75.6	hypothetical protein|protein_coding|2R:20754759-20758354:1|gene:AGAP002370	23.21	30	13
953	AGAP002752-PA	495	56.5	hypothetical protein|protein_coding|2R:26670117-26672233:1|gene:AGAP002752	32.32	47	13
954	AGAP002802-PA	855	95.4	hypothetical protein|protein_coding|2R:27742225-27762549:1|gene:AGAP002802	25.61	36	13
955	AGAP002879-PA	1810	199.4	hypothetical protein|protein_coding|2R:28576962-28587719:-1|gene:AGAP002879	13.43	36	13
956	AGAP003003-PA	542	59.5	hypothetical protein|protein_coding|2R:30976059-30977793:-1|gene:AGAP003003	35.24	43	13

957	AGAP003139-PA	454	50.4	serine protease inhibitor|protein_coding|2R:33148728-33150321:-1|gene:AGAP003139	30.62	44	13
958	AGAP003218-PA	1376	154.3	hypothetical protein|protein_coding|2R:34001157-34005420:-1|gene:AGAP003218	12.72	33	13
959	AGAP003408-PA	319	35.9	hypothetical protein|protein_coding|2R:37449751-37453315:1|gene:AGAP003408	47.65	36	13
960	AGAP003476-PA	301	33.6	hypothetical protein|protein_coding|2R:38184548-38185626:-1|gene:AGAP003476	51.16	46	13
961	AGAP003626-PA	305	34.5	hypothetical protein|protein_coding|2R:40687126-40688273:-1|gene:AGAP003626	58.36	42	13
962	AGAP003629-PA	611	66.8	hypothetical protein|protein_coding|2R:40698551-40700783:-1|gene:AGAP003629	27.33	50	13
963	AGAP003720-PA	322	36.0	hypothetical protein|protein_coding|2R:42428570-42429966:-1|gene:AGAP003720	52.8	49	13
964	AGAP003794-PA	595	66.5	hypothetical protein|protein_coding|2R:43371942-43385243:-1|gene:AGAP003794	28.07	37	13
965	AGAP004015-PA	497	55.9	hypothetical protein|protein_coding|2R:47878160-47879724:1|gene:AGAP004015	36.42	59	13
966	AGAP004247-PA	167	18.4	Glutathione Peroxidase.|protein_coding|2R:53207782-53208750:1|gene:AGAP004247	84.43	56	13
967	AGAP004247-PB	168	18.7	Glutathione Peroxidase.|protein_coding|2R:53207782-53209327:1|gene:AGAP004247	83.93	44	13
968	AGAP004802-PA	381	43.8	hypothetical protein|protein_coding|2L:3746102-3747412:1|gene:AGAP004802	45.67	32	13
969	AGAP005032-PB	632	71.0	hypothetical protein|protein_coding|2L:8623655-8626995:1|gene:AGAP005032	26.74	74	13
970	AGAP005122-PA	394	43.0	hypothetical protein|protein_coding|2L:10253637-10254969:-1|gene:AGAP005122	36.04	35	13
971	AGAP005246-PE	379	42.1	Serine Protease Inhibitor (serpin), likely cleavage at K/R. Transcript A.|protein_coding|2L:12996143-13001344:-1|gene:AGAP005246	39.58	107	13
972	AGAP005325-PA	374	42.8	hypothetical protein|protein_coding|2L:14101855-14107721:1|gene:AGAP005325	47.06	50	13
973	AGAP005386-PA	318	37.3	hypothetical protein|protein_coding|2L:14844155-14845189:1|gene:AGAP005386	33.96	45	13
974	AGAP005549-PA	1217	135.1	hypothetical protein|protein_coding|2L:16957947-16962942:1|gene:AGAP005549	14.13	28	13

975	AGAP005608-PA	627	73.8	hypothetical protein|protein_coding|2L:17831098-17833225:-1|gene:AGAP005608	24.4	56	13
976	AGAP005621-PA	123	13.8	hypothetical protein|protein_coding|2L:17933861-17934448:-1|gene:AGAP005621	87.8	53	13
977	AGAP005739-PA	1799	200.4	hypothetical protein|protein_coding|2L:20046252-20060651:1|gene:AGAP005739	11.12	30	13
978	AGAP005807-PA	485	54.4	hypothetical protein|protein_coding|2L:21517532-21609569:1|gene:AGAP005807	34.64	70	13
979	AGAP006418-PA	266	29.3	hypothetical protein|protein_coding|2L:31686060-31687021:1|gene:AGAP006418	70.3	311	13
980	AGAP006735-PA	1912	219.7	hypothetical protein|protein_coding|2L:37426576-37433139:-1|gene:AGAP006735	8.26	22	13
981	AGAP006911-PA	409	46.5	Serine Protease Inhibitor (serpin), likely cleavage at K/F.|protein_coding|2L:39897086-39899652:1|gene:AGAP006911	53.06	147	13
982	AGAP006936-PB	297	32.7	hypothetical protein|protein_coding|2L:40158420-40159990:1|gene:AGAP006936	49.83	177	13
983	AGAP007041-PA	370	42.2	hypothetical protein|protein_coding|2L:41381834-41383025:1|gene:AGAP007041	36.49	231	13
984	AGAP007060-PA	1185	132.8	hypothetical protein|protein_coding|2L:42067616-42071695:-1|gene:AGAP007060	12.24	39	13
985	AGAP007088-PA	202	21.8	hypothetical protein|protein_coding|2L:42413814-42415342:-1|gene:AGAP007088	66.34	82	13
986	AGAP007119-PA	322	36.0	hypothetical protein|protein_coding|2L:43040960-43042238:-1|gene:AGAP007119	47.2	44	13
987	AGAP007207-PA	1268	143.3	hypothetical protein|protein_coding|2L:44307059-44312519:1|gene:AGAP007207	15.93	24	13
988	AGAP007249-PB	136	16.4	hypothetical protein|protein_coding|2L:44638377-44640674:-1|gene:AGAP007249	76.47	175	13
989	AGAP007349-PA	1663	156.6	hypothetical protein|protein_coding|2L:45992090-45998069:-1|gene:AGAP007349	9.5	131	13
990	AGAP007374-PA	519	59.1	hypothetical protein|protein_coding|2L:46153202-46155196:-1|gene:AGAP007374	25.05	39	13
991	AGAP007421-PA	390	44.0	hypothetical protein|protein_coding|2L:46553575-46560565:1|gene:AGAP007421	36.41	31	13
992	AGAP007644-PA	293	33.7	hypothetical protein|protein_coding|2L:48628912-48629861:1|gene:AGAP007644	44.37	34	13

993	AGAP007663-PA	255	28.1	hypothetical protein|protein_coding|2L:48860312-48861363:-1|gene:AGAP007663	60.39	69	13
994	AGAP007698-PA	287	33.1	hypothetical protein|protein_coding|2L:49112222-49128979:-1|gene:AGAP007698	36.93	75	13
995	AGAP007745-PA	311	34.1	hypothetical protein|protein_coding|3R:215009-216018:1|gene:AGAP007745	36.33	376	13
996	AGAP007999-PA	1480	163.7	hypothetical protein|protein_coding|3R:3980964-3985887:-1|gene:AGAP007999	12.36	31	13
997	AGAP008209-PA	503	58.3	hypothetical protein|protein_coding|3R:6915946-6917528:1|gene:AGAP008209	26.64	58	13
998	AGAP008849-PA	332	35.5	hypothetical protein|protein_coding|3R:19412110-19417249:-1|gene:AGAP008849	47.89	110	13
999	AGAP009099-PA	236	26.9	hypothetical protein|protein_coding|3R:25588927-25589773:1|gene:AGAP009099	48.73	205	13
1000	AGAP009317-PB	243	26.6	hypothetical protein|protein_coding|3R:31242966-31246425:-1|gene:AGAP009317	63.37	104	13
1001	AGAP009537-PA	108	11.8	hypothetical protein|protein_coding|3R:35606586-35606912:1|gene:AGAP009537	78.7	188	13
1002	AGAP009610-PA	326	35.1	hypothetical protein|protein_coding|3R:37002345-37003502:1|gene:AGAP009610	62.88	121	13
1003	AGAP009638-PA	3551	409.8	hypothetical protein|protein_coding|3R:37406421-37422931:1|gene:AGAP009638	44.07	75	13
1004	AGAP009756-PA	633	73.2	angiotensin-converting enzyme 6|protein_coding|3R:42374985-42377093:1|gene:AGAP009756	28.44	36	13
1005	AGAP010065-PA	165	17.6	hypothetical protein|protein_coding|3R:48534875-48535850:-1|gene:AGAP010065	61.21	93	13
1006	AGAP010175-PC	641	69.4	hypothetical protein|protein_coding|3R:49914396-49919598:-1|gene:AGAP010175	28.55	73	13
1007	AGAP010219-PA	814	92.4	DNA replication licensing factor Mcm6|protein_coding|3R:50911889-50914568:1|gene:AGAP010219	21.99	32	13
1008	AGAP010451-PA	968	108.9	hypothetical protein|protein_coding|3L:3859897-3863336:-1|gene:AGAP010451	24.38	30	13
1009	AGAP010733-PA	511	56.2	hypothetical protein|protein_coding|3L:9021724-9023504:-1|gene:AGAP010733	29.75	65	13
1010	AGAP010739-PA	546	62.6	hypothetical protein|protein_coding|3L:9142466-9152078:1|gene:AGAP010739	27.84	48	13

1011	AGAP010961-PA	534	61.3	hypothetical protein|protein_coding|3L:13839199-13841038:-1|gene:AGAP010961	30.15	84	13
1012	AGAP011077-PA	137	14.9	hypothetical protein|protein_coding|3L:16306291-16306967:1|gene:AGAP011077	83.94	147	13
1013	AGAP011208-PA	248	27.3	hypothetical protein|protein_coding|3L:19386219-19389825:-1|gene:AGAP011208	68.95	145	13
1014	AGAP011284-PA	160	17.7	hypothetical protein|protein_coding|3L:20552452-20553128:1|gene:AGAP011284	76.88	86	13
1015	AGAP011298-PA	217	24.5	hypothetical protein|protein_coding|3L:20688682-20689932:-1|gene:AGAP011298	61.75	140	13
1016	AGAP011442-PA	440	49.3	hypothetical protein|protein_coding|3L:24745801-24749233:1|gene:AGAP011442	37.95	249	13
1017	AGAP012134-PA	1418	158.1	hypothetical protein|protein_coding|3L:37993229-37997915:-1|gene:AGAP012134	15.59	24	13
1018	AGAP012135-PA	338	37.8	hypothetical protein|protein_coding|3L:37999396-38000487:-1|gene:AGAP012135	44.97	50	13
1019	AGAP012168-PA	200	23.2	hypothetical protein|protein_coding|3L:38263832-38265338:-1|gene:AGAP012168	72	29	13
1020	AGAP012364-PA	256	29.5	hypothetical protein|protein_coding|3L:41119880-41120729:-1|gene:AGAP012364	52.73	104	13
1021	AGAP012537-PA	175	19.8	hypothetical protein|protein_coding|UNKN:12586807-12588056:-1|gene:AGAP012537	56.57	152	13
1022	AGAP012577-PA	547	62.0	hypothetical protein|protein_coding|UNKN:17207134-17209452:-1|gene:AGAP012577	36.01	78	13
1023	AGAP000044-PA	424	46.4	hypothetical protein|protein_coding|X:626572-628054:1|gene:AGAP000044	46.7	62	12
1024	AGAP000170-PA	207	23.2	hypothetical protein|protein_coding|X:2905106-2905729:-1|gene:AGAP000170	71.5	58	12
1025	AGAP000198-PA	3613	391.0	hypothetical protein|protein_coding|X:3235428-3258334:1|gene:AGAP000198	5.37	24	12
1026	AGAP000220-PA	556	60.8	hypothetical protein|protein_coding|X:4089729-4094062:-1|gene:AGAP000220	29.68	25	12
1027	AGAP000749-PA	169	19.1	hypothetical protein|protein_coding|X:13712327-13714126:1|gene:AGAP000749	76.33	70	12
1028	AGAP000970-PA	186	20.4	hypothetical protein|protein_coding|X:18632743-18636223:1|gene:AGAP000970	57.53	70	12
1029	AGAP001039-PB	568	64.9	hypothetical protein|protein_coding|X:20009873-20017250:1|gene:AGAP001039	23.94	34	12

1030	AGAP001321-PA	203	22.0	hypothetical protein|protein_coding|2R:2992625-2993318:1|gene:AGAP001321	66.01	182	12
1031	AGAP001375-PA	577	64.7	Serine Protease Inhibitor (serpin) homologue - unlikely to be inhibitory.|protein_coding|2R:4010433-4012512:1|gene:AGAP001375	26.69	37	12
1032	AGAP001418-PA	806	94.2	hypothetical protein|protein_coding|2R:4663904-4667446:-1|gene:AGAP001418	19.6	22	12
1033	AGAP001467-PA	1301	134.1	hypothetical protein|protein_coding|2R:5321976-5326279:-1|gene:AGAP001467	16.14	48	12
1034	AGAP001620-PA	230	25.9	hypothetical protein|protein_coding|2R:6966595-6967350:-1|gene:AGAP001620	62.17	48	12
1035	AGAP001667-PA	246	25.4	cuticular protein 4, RR-2 family|protein_coding|2R:7648891-7649721:-1|gene:AGAP001667	65.85	493	12
1036	AGAP001678-PB	1475	162.1	hypothetical protein|protein_coding|2R:8060888-8100009:-1|gene:AGAP001678	15.19	42	12
1037	AGAP001823-PA	116	13.3	hypothetical protein|protein_coding|2R:10902725-10903361:-1|gene:AGAP001823	80.17	158	12
1038	AGAP001957-PB	272	31.6	hypothetical protein|protein_coding|2R:12811311-12828525:1|gene:AGAP001957	48.53	62	12
1039	AGAP002151-PA	474	52.4	hypothetical protein|protein_coding|2R:16503620-16505568:1|gene:AGAP002151	37.13	29	12
1040	AGAP002183-PA	625	70.5	hypothetical protein|protein_coding|2R:17202343-17204324:1|gene:AGAP002183	21.76	31	12
1041	AGAP002291-PA	897	100.4	hypothetical protein|protein_coding|2R:18640927-18648062:-1|gene:AGAP002291	21.63	30	12
1042	AGAP002365-PA	729	84.2	hypothetical protein|protein_coding|2R:20650893-20653223:-1|gene:AGAP002365	20.85	38	12
1043	AGAP002408-PA	358	40.4	hypothetical protein|protein_coding|2R:20977104-20978180:1|gene:AGAP002408	43.85	32	12
1044	AGAP002473-PA	127	14.1	V-type proton ATPase subunit F (V-ATPase subunit F)(Vacuolar proton pump subunit F)(V-ATPase 14 kDa subunit)|protein_coding|2R:21851028-21851741:-1|gene:AGAP002473	71.65	205	12
1045	AGAP002521-PB	256	27.1	hypothetical protein|protein_coding|2R:22322371-22323216:-1|gene:AGAP002521	64.06	44	12
1046	AGAP002726-PA	199	22.2	cuticular protein 9, RR-1 family|protein_coding|2R:26282190-26282941:1|gene:AGAP002726	62.31	59	12
1047	AGAP002931-PB	180	20.6	hypothetical protein|protein_coding|2R:29823850-29824666:1|gene:AGAP002931	68.89	69	12

1048	AGAP003230-PA	995	112.1	hypothetical protein|protein_coding|2R:34054796-34058011:1|gene:AGAP003230	17.39	20	12
1049	AGAP003308-PA	235	26.1	hypothetical protein|protein_coding|2R:35614286-35629049:1|gene:AGAP003308	65.53	244	12
1050	AGAP003422-PA	904	99.7	hypothetical protein|protein_coding|2R:37516525-37519464:1|gene:AGAP003422	19.69	69	12
1051	AGAP003640-PA	505	57.6	hypothetical protein|protein_coding|2R:40882209-40883811:1|gene:AGAP003640	34.26	66	12
1052	AGAP003939-PC	511	57.2	hypothetical protein|protein_coding|2R:46561185-46564786:-1|gene:AGAP003939	38.94	57	12
1053	AGAP003944-PA	1908	198.9	hypothetical protein|protein_coding|2R:46668190-46684617:1|gene:AGAP003944	11.74	22	12
1054	AGAP004090-PA	1042	117.1	hypothetical protein|protein_coding|2R:49542047-49550498:1|gene:AGAP004090	15.45	25	12
1055	AGAP004097-PA	387	42.4	hypothetical protein|protein_coding|2R:49757724-49758985:-1|gene:AGAP004097	39.79	28	12
1056	AGAP004235-PA	268	29.3	hypothetical protein|protein_coding|2R:52953448-52955536:-1|gene:AGAP004235	52.61	37	12
1057	AGAP004236-PA	291	32.7	hypothetical protein|protein_coding|2R:52956914-52958016:1|gene:AGAP004236	63.57	48	12
1058	AGAP004408-PA	733	81.8	hypothetical protein|protein_coding|2R:55813788-55816084:-1|gene:AGAP004408	29.88	26	12
1059	AGAP004459-PB	332	37.3	hypothetical protein|protein_coding|2R:56703770-56706756:1|gene:AGAP004459	46.69	52	12
1060	AGAP004551-PA	241	26.8	hypothetical protein|protein_coding|2R:57539514-57542459:1|gene:AGAP004551	49.79	140	12
1061	AGAP004824-PA	871	98.3	hypothetical protein|protein_coding|2L:3953487-3982092:-1|gene:AGAP004824	16.76	33	12
1062	AGAP004956-PA	876	98.1	hypothetical protein|protein_coding|2L:7183554-7186610:-1|gene:AGAP004956	24.43	30	12
1063	AGAP005124-PA	494	54.9	hypothetical protein|protein_coding|2L:10258127-10263669:-1|gene:AGAP005124	24.7	24	12
1064	AGAP005170-PA	631	68.6	hypothetical protein|protein_coding|2L:11284851-11287489:-1|gene:AGAP005170	26.62	49	12
1065	AGAP005191-PA	967	109.3	hypothetical protein|protein_coding|2L:12152593-12155496:1|gene:AGAP005191	16.34	17	12

1066	AGAP005264-PA	249	24.7	hypothetical protein|protein_coding|2L:13392453-13393202:-1|gene:AGAP005264	38.96	50	12
1067	AGAP005305-PA	1032	113.3	hypothetical protein|protein_coding|2L:13900618-13906104:1|gene:AGAP005305	19.96	40	12
1068	AGAP005393-PA	213	23.6	hypothetical protein|protein_coding|2L:14906061-14909286:1|gene:AGAP005393	60.09	69	12
1069	AGAP005423-PA	249	27.9	hypothetical protein|protein_coding|2L:15375628-15376377:1|gene:AGAP005423	64.66	51	12
1070	AGAP005749-PA	248	28.3	glutathione transferase, omega Class|protein_coding|2L:20197544-20199016:-1|gene:AGAP005749	56.85	38	12
1071	AGAP006383-PA	458	49.9	hypothetical protein|protein_coding|2L:31019057-31020433:-1|gene:AGAP006383	42.58	73	12
1072	AGAP006607-PB	297	33.1	Eukaryotic translation initiation factor 3 subunit I (eIF3i)|protein_coding|2L:34692112-34693380:-1|gene:AGAP006607	62.63	73	12
1073	AGAP006614-PA	162	17.5	hypothetical protein|protein_coding|2L:34739065-34739553:-1|gene:AGAP006614	79.63	50	12
1074	AGAP006729-PA	321	35.0	hypothetical protein|protein_coding|2L:37298660-37299759:-1|gene:AGAP006729	61.68	121	12
1075	AGAP007218-PA	323	36.1	hypothetical protein|protein_coding|2L:44381527-44383085:1|gene:AGAP007218	51.08	31	12
1076	AGAP007309-PA	290	32.5	hypothetical protein|protein_coding|2L:45257093-45258986:1|gene:AGAP007309	57.93	26	12
1077	AGAP007420-PA	422	47.3	hypothetical protein|protein_coding|2L:46535213-46550431:1|gene:AGAP007420	28.44	51	12
1078	AGAP007603-PA	470	51.6	hypothetical protein|protein_coding|2L:48156217-48157629:1|gene:AGAP007603	31.28	27	12
1079	AGAP007676-PA	875	98.0	hypothetical protein|protein_coding|2L:48943999-48946851:1|gene:AGAP007676	21.26	36	12
1080	AGAP007683-PA	810	92.3	hypothetical protein|protein_coding|2L:49005915-49008987:-1|gene:AGAP007683	19.75	27	12
1081	AGAP007699-PC	214	24.5	hypothetical protein|protein_coding|2L:49132701-49133423:-1|gene:AGAP007699	62.62	86	12
1082	AGAP007921-PA	544	59.3	hypothetical protein|protein_coding|3R:2822568-2825762:-1|gene:AGAP007921	33.46	44	12
1083	AGAP008015-PA	575	65.6	hypothetical protein|protein_coding|3R:4187075-4188802:1|gene:AGAP008015	28.35	28	12

1084	AGAP008046-PA	510	57.9	hypothetical protein|protein_coding|3R:4839621-4845414:1|gene:AGAP008046	36.86	46	12
1085	AGAP008487-PA	636	72.0	hypothetical protein|protein_coding|3R:11220766-11223012:1|gene:AGAP008487	35.38	83	12
1086	AGAP008622-PA	217	23.8	hypothetical protein|protein_coding|3R:13725810-13726460:-1|gene:AGAP008622	78.8	340	12
1087	AGAP008738-PA	513	55.6	hypothetical protein|protein_coding|3R:16395993-16398277:1|gene:AGAP008738	28.65	21	12
1088	AGAP008769-PA	624	67.7	hypothetical protein|protein_coding|3R:17366485-17379560:-1|gene:AGAP008769	20.99	67	12
1089	AGAP008837-PA	207	23.4	hypothetical protein|protein_coding|3R:19289011-19289758:1|gene:AGAP008837	66.18	28	12
1090	AGAP008961-PA	382	43.9	hypothetical protein|protein_coding|3R:22226590-22227801:-1|gene:AGAP008961	38.48	36	12
1091	AGAP008965-PA	683	76.5	hypothetical protein|protein_coding|3R:22252242-22257789:-1|gene:AGAP008965	24.89	32	12
1092	AGAP009075-PA	319	36.8	hypothetical protein|protein_coding|3R:25435722-25439191:1|gene:AGAP009075	48.9	84	12
1093	AGAP009201-PA	915	93.4	hypothetical protein|protein_coding|3R:28650867-28653767:1|gene:AGAP009201	18.69	229	12
1094	AGAP009284-PA	821	91.2	hypothetical protein|protein_coding|3R:30659362-30667112:1|gene:AGAP009284	15.35	44	12
1095	AGAP009310-PA	478	53.2	hypothetical protein|protein_coding|3R:31160369-31162477:1|gene:AGAP009310	36.61	39	12
1096	AGAP009317-PA	198	22.1	hypothetical protein|protein_coding|3R:31242966-31246425:-1|gene:AGAP009317	62.63	81	12
1097	AGAP009362-PA	250	27.2	hypothetical protein|protein_coding|3R:31782120-31782972:-1|gene:AGAP009362	49.6	292	12
1098	AGAP009621-PA	432	49.0	hypothetical protein|protein_coding|3R:37081862-37089264:-1|gene:AGAP009621	33.33	45	12
1099	AGAP009755-PA	620	71.7	angiotensin-converting enzyme 5|protein_coding|3R:42370054-42372126:1|gene:AGAP009755	27.1	35	12
1100	AGAP009759-PA	386	43.4	hypothetical protein|protein_coding|3R:42430443-42432050:-1|gene:AGAP009759	38.34	31	12
1101	AGAP009834-PA	412	47.1	hypothetical protein|protein_coding|3R:44051650-44053128:1|gene:AGAP009834	44.66	21	12

1102	AGAP009945-PA	339	37.3	hypothetical protein|protein_coding|3R:45808083-45809336:1|gene:AGAP009945	50.44	113	12
1103	AGAP009985-PA	321	36.5	hypothetical protein|protein_coding|3R:47243836-47244954:-1|gene:AGAP009985	54.21	42	12
1104	AGAP010191-PA	336	39.0	hypothetical protein|protein_coding|3R:50383856-50384963:1|gene:AGAP010191	48.51	19	12
1105	AGAP010206-PA	791	89.4	hypothetical protein|protein_coding|3R:50702259-50706703:-1|gene:AGAP010206	19.6	19	12
1106	AGAP010214-PA	260	29.7	hypothetical protein|protein_coding|3R:50842621-50844736:1|gene:AGAP010214	43.46	97	12
1107	AGAP010220-PA	260	29.0	hypothetical protein|protein_coding|3R:50915615-50916464:-1|gene:AGAP010220	75.77	33	12
1108	AGAP010252-PA	140	14.9	hypothetical protein|protein_coding|3R:51662651-51663450:1|gene:AGAP010252	60.71	96	12
1109	AGAP010564-PA	294	32.9	hypothetical protein|protein_coding|3L:6420501-6421385:-1|gene:AGAP010564	54.76	43	12
1110	AGAP010596-PA	574	63.3	hypothetical protein|protein_coding|3L:6591865-6595447:-1|gene:AGAP010596	35.89	37	12
1111	AGAP010711-PA	972	109.7	hypothetical protein|protein_coding|3L:8901560-8904939:-1|gene:AGAP010711	18.72	23	12
1112	AGAP011158-PA	455	51.5	hypothetical protein|protein_coding|3L:18109241-18110762:1|gene:AGAP011158	38.24	38	12
1113	AGAP011334-PA	286	32.9	hypothetical protein|protein_coding|3L:21303628-21305940:-1|gene:AGAP011334	43.36	111	12
1114	AGAP011725-PA	236	27.0	hypothetical protein|protein_coding|3L:32454478-32455461:-1|gene:AGAP011725	44.07	140	12
1115	AGAP012010-PA	468	54.3	hypothetical protein|protein_coding|3L:36236767-36249619:1|gene:AGAP012010	30.34	38	12
1116	AGAP012095-PA	383	44.7	Guanine nucleotide-binding protein G(s) subunit alpha (Adenylate cyclase-stimulating G alpha protein)|protein_coding|3L:37621857-37623747:1|gene:AGAP012095	46.48	41	12
1117	AGAP012175-PA	1263	139.0	hypothetical protein|protein_coding|3L:38328174-38334574:-1|gene:AGAP012175	13.7	28	12
1118	AGAP012228-PA	300	32.8	hypothetical protein|protein_coding|3L:39155315-39156284:-1|gene:AGAP012228	50.33	25	12
1119	AGAP012284-PA	177	21.2	hypothetical protein|protein_coding|3L:39778944-39779877:1|gene:AGAP012284	54.8	54	12

1120	AGAP013155-PA	962	107.4	hypothetical protein|protein_coding|2R:11830120-11833093:1|gene:AGAP013155	20.69	46	12
1121	AGAP013189-PA	131	14.7	Probable fatty acid-binding protein|protein_coding|2R:36147769-36152023:1|gene:AGAP013189	70.99	147	12
1122	AGAP013478-PA	321	35.5	hypothetical protein|protein_coding|2R:5857586-5858707:1|gene:AGAP013478	57.94	56	12
1123	AGAP000143-PA	922	105.8	hypothetical protein|protein_coding|X:2180601-2185442:-1|gene:AGAP000143	16.49	52	11
1124	AGAP000180-PA	427	47.0	hypothetical protein|protein_coding|X:3000246-3001769:1|gene:AGAP000180	34.19	27	11
1125	AGAP000380-PB	603	68.5	hypothetical protein|protein_coding|X:6905029-6920913:-1|gene:AGAP000380	20.73	32	11
1126	AGAP000396-PA	234	26.0	Thioredoxin Peroxidase.|protein_coding|X:7240025-7240911:1|gene:AGAP000396	50.85	57	11
1127	AGAP000463-PA	1129	123.2	hypothetical protein|protein_coding|X:8024933-8035855:1|gene:AGAP000463	12.93	16	11
1128	AGAP000526-PA	433	48.1	hypothetical protein|protein_coding|X:9460914-9469141:1|gene:AGAP000526	35.1	25	11
1129	AGAP000541-PA	130	14.7	hypothetical protein|protein_coding|X:9681288-9683495:1|gene:AGAP000541	75.38	40	11
1130	AGAP000545-PA	1411	156.9	hypothetical protein|protein_coding|X:9814281-9820409:-1|gene:AGAP000545	10.84	24	11
1131	AGAP000907-PA	553	60.3	hypothetical protein|protein_coding|X:17122994-17124751:1|gene:AGAP000907	28.39	38	11
1132	AGAP000943-PD	257	29.6	hypothetical protein|protein_coding|X:18255347-18265441:-1|gene:AGAP000943	50.97	43	11
1133	AGAP000969-PC	390	43.7	hypothetical protein|protein_coding|X:18600501-18605603:-1|gene:AGAP000969	43.85	32	11
1134	AGAP000973-PA	709	77.4	hypothetical protein|protein_coding|X:18655598-18659234:1|gene:AGAP000973	22.14	27	11
1135	AGAP000989-PA	234	26.3	hypothetical protein|protein_coding|X:18943236-18946249:-1|gene:AGAP000989	50.85	82	11
1136	AGAP001023-PE	155	18.4	hypothetical protein|protein_coding|X:19655029-19658201:-1|gene:AGAP001023	77.42	46	11
1137	AGAP001199-PA	268	29.2	hypothetical protein|protein_coding|2R:1279016-1279912:1|gene:AGAP001199	54.48	549	11

1138	AGAP001312-PB	217	22.9	hypothetical protein|protein_coding|2R:2843945-2845169:1|gene:AGAP001312	62.21	420	11
1139	AGAP001519-PA	2174	246.8	hypothetical protein|protein_coding|2R:5778065-5785758:1|gene:AGAP001519	6.76	26	11
1140	AGAP001664-PA	204	20.6	cuticular protein 1, RR-2 family|protein_coding|2R:7639417-7640126:-1|gene:AGAP001664	76.96	281	11
1141	AGAP001751-PA	1389	148.6	hypothetical protein|protein_coding|2R:9352830-9397252:1|gene:AGAP001751	12.74	15	11
1142	AGAP001760-PA	189	22.1	hypothetical protein|protein_coding|2R:9483750-9484994:-1|gene:AGAP001760	57.67	69	11
1143	AGAP001780-PA	3537	371.4	hypothetical protein|protein_coding|2R:10216145-10230335:1|gene:AGAP001780	4.92	22	11
1144	AGAP001957-PA	272	31.4	hypothetical protein|protein_coding|2R:12811311-12828525:1|gene:AGAP001957	52.94	21	11
1145	AGAP002181-PB	460	52.6	hypothetical protein|protein_coding|2R:17193737-17197354:1|gene:AGAP002181	30.87	52	11
1146	AGAP002346-PA	152	16.3	40S ribosomal protein S14b|protein_coding|2R:20502870-20503328:-1|gene:AGAP002346	53.95	67	11
1147	AGAP002503-PA	589	65.1	hypothetical protein|protein_coding|2R:22051211-22066118:-1|gene:AGAP002503	27.33	45	11
1148	AGAP002585-PA	1628	175.5	hypothetical protein|protein_coding|2R:23282878-23290569:1|gene:AGAP002585	10.14	62	11
1149	AGAP002652-PB	430	48.4	hypothetical protein|protein_coding|2R:25165162-25166711:1|gene:AGAP002652	36.74	48	11
1150	AGAP002667-PA	171	19.5	Translationally-controlled tumor protein homolog (TCTP)|protein_coding|2R:25262292-25263450:1|gene:AGAP002667	76.61	63	11
1151	AGAP002748-PA	808	90.8	hypothetical protein|protein_coding|2R:26644368-26657285:1|gene:AGAP002748	18.32	26	11
1152	AGAP002754-PA	186	20.6	hypothetical protein|protein_coding|2R:26675074-26675740:1|gene:AGAP002754	43.01	37	11
1153	AGAP002829-PA	1463	167.3	Probable ATP-dependent RNA helicase spindle-E (EC 3.6.4.13)|protein_coding|2R:28069421-28074237:1|gene:AGAP002829	10.66	25	11
1154	AGAP002939-PB	305	33.4	hypothetical protein|protein_coding|2R:29866123-29867956:-1|gene:AGAP002939	32.46	23	11
1155	AGAP002959-PA	913	103.1	hypothetical protein|protein_coding|2R:30127056-30130209:1|gene:AGAP002959	15.22	18	11

1156	AGAP003043-PB	939	104.6	hypothetical protein|protein_coding|2R:31413921-31418523:1|gene:AGAP003043	19.28	18	11
1157	AGAP003089-PA	400	45.8	hypothetical protein|protein_coding|2R:32384175-32385473:1|gene:AGAP003089	26	54	11
1158	AGAP003095-PA	462	52.6	hypothetical protein|protein_coding|2R:32419121-32421544:1|gene:AGAP003095	34.85	55	11
1159	AGAP003490-PA	396	43.5	hypothetical protein|protein_coding|2R:38606960-38608353:1|gene:AGAP003490	39.65	20	11
1160	AGAP003503-PA	1214	136.5	hypothetical protein|protein_coding|2R:38752173-38756298:1|gene:AGAP003503	11.78	22	11
1161	AGAP003581-PA	363	39.3	hypothetical protein|protein_coding|2R:40335765-40336933:-1|gene:AGAP003581	43.25	43	11
1162	AGAP003719-PA	385	43.6	hypothetical protein|protein_coding|2R:42425355-42426719:-1|gene:AGAP003719	42.08	78	11
1163	AGAP004103-PA	244	26.8	hypothetical protein|protein_coding|2R:49767017-49768097:1|gene:AGAP004103	52.05	134	11
1164	AGAP004146-PA	201	22.4	hypothetical protein|protein_coding|2R:50737239-50739791:-1|gene:AGAP004146	69.15	42	11
1165	AGAP004161-PA	92	10.7	hypothetical protein|protein_coding|2R:50966465-50967623:1|gene:AGAP004161	79.35	123	11
1166	AGAP004610-PA	504	55.7	hypothetical protein|protein_coding|2R:58360124-58361793:-1|gene:AGAP004610	30.75	20	11
1167	AGAP004625-PA	525	58.7	hypothetical protein|protein_coding|2R:58631558-58633651:1|gene:AGAP004625	25.33	30	11
1168	AGAP004677-PB	303	33.0	hypothetical protein|protein_coding|2L:157496-159356:-1|gene:AGAP004677	48.18	22	11
1169	AGAP004868-PA	212	23.2	hypothetical protein|protein_coding|2L:4680511-4691928:-1|gene:AGAP004868	65.57	20	11
1170	AGAP004886-PB	281	31.9	hypothetical protein|protein_coding|2L:4956483-4961288:-1|gene:AGAP004886	52.31	31	11
1171	AGAP004912-PA	679	74.7	hypothetical protein|protein_coding|2L:5826568-5831336:1|gene:AGAP004912	24.45	25	11
1172	AGAP004960-PA	259	28.6	hypothetical protein|protein_coding|2L:7195996-7197131:-1|gene:AGAP004960	68.34	44	11
1173	AGAP005023-PA	103	11.4	hypothetical protein|protein_coding|2L:8375887-8376198:-1|gene:AGAP005023	65.05	429	11

1174	AGAP005046-PB	147	17.3	hypothetical protein|protein_coding|2L:8792256-8793161:1|gene:AGAP005046	67.35	68	11
1175	AGAP005075-PB	313	34.3	hypothetical protein|protein_coding|2L:9645754-9651716:1|gene:AGAP005075	48.24	44	11
1176	AGAP005255-PA	221	24.9	hypothetical protein|protein_coding|2L:13244027-13244959:-1|gene:AGAP005255	58.82	121	11
1177	AGAP005404-PA	526	58.3	hypothetical protein|protein_coding|2L:15147447-15150111:-1|gene:AGAP005404	26.24	21	11
1178	AGAP005540-PA	322	36.6	hypothetical protein|protein_coding|2L:16854804-16855967:-1|gene:AGAP005540	46.27	34	11
1179	AGAP005744-PA	408	44.8	hypothetical protein|protein_coding|2L:20167150-20168376:1|gene:AGAP005744	33.09	65	11
1180	AGAP005911-PA	340	37.3	hypothetical protein|protein_coding|2L:23616956-23617978:-1|gene:AGAP005911	48.82	110	11
1181	AGAP005912-PA	340	37.3	hypothetical protein|protein_coding|2L:23631515-23632537:-1|gene:AGAP005912	48.82	107	11
1182	AGAP006088-PA	478	54.5	hypothetical protein|protein_coding|2L:26350127-26354319:-1|gene:AGAP006088	31.8	69	11
1183	AGAP006278-PA	320	36.1	hypothetical protein|protein_coding|2L:29235353-29236413:1|gene:AGAP006278	40	45	11
1184	AGAP006353-PA	127	13.9	hypothetical protein|protein_coding|2L:30441742-30442211:1|gene:AGAP006353	87.4	55	11
1185	AGAP006607-PA	327	36.2	Eukaryotic translation initiation factor 3 subunit I (eIF3i)|protein_coding|2L:34692112-34693380:-1|gene:AGAP006607	55.96	37	11
1186	AGAP006613-PB	240	27.8	Eukaryotic translation initiation factor 3 subunit J (eIF3j)|protein_coding|2L:34735064-34736543:1|gene:AGAP006613	52.5	28	11
1187	AGAP006646-PA	464	49.7	Probable hydroxyacid-oxoacid transhydrogenase, mitochondrial Precursor (HOT)(EC 1.1.99.24)|protein_coding|2L:35654066-35655665:1|gene:AGAP006646	34.7	30	11
1188	AGAP007113-PA	405	46.5	hypothetical protein|protein_coding|2L:42963004-42964452:1|gene:AGAP007113	25.93	53	11
1189	AGAP007160-PD	175	20.5	hypothetical protein|protein_coding|2L:43604951-43606130:-1|gene:AGAP007160	69.71	53	11
1190	AGAP007162-PB	192	21.6	hypothetical protein|protein_coding|2L:43612502-43613226:-1|gene:AGAP007162	78.13	36	11
1191	AGAP007473-PA	372	40.6	hypothetical protein|protein_coding|2L:46748309-46749737:-1|gene:AGAP007473	30.38	65	11

1192	AGAP007543-PA	258	28.7	Thioredoxin Peroxidase.|protein_coding|2L:47438545-47439473:1|gene:AGAP007543	52.33	80	11
1193	AGAP007580-PB	189	22.0	60S ribosomal protein L18|protein_coding|2L:47803487-47804510:-1|gene:AGAP007580	58.2	64	11
1194	AGAP007654-PA	215	24.2	hypothetical protein|protein_coding|2L:48776197-48777086:1|gene:AGAP007654	57.67	86	11
1195	AGAP007665-PA	322	35.2	hypothetical protein|protein_coding|2L:48863987-48865569:-1|gene:AGAP007665	39.75	67	11
1196	AGAP007722-PA	240	26.4	Adenylate kinase 2, mitochondrial (AK 2)(EC 2.7.4.3)(ATP-AMP transphosphorylase 2)|protein_coding|2L:49277177-49278459:1|gene:AGAP007722	56.67	57	11
1197	AGAP007746-PA	252	28.4	hypothetical protein|protein_coding|3R:211256-212014:-1|gene:AGAP007746	48.02	147	11
1198	AGAP007791-PB	325	37.7	hypothetical protein|protein_coding|3R:888526-899178:-1|gene:AGAP007791	58.15	38	11
1199	AGAP008075-PB	153	17.0	hypothetical protein|protein_coding|3R:5096002-5099077:-1|gene:AGAP008075	66.67	62	11
1200	AGAP008203-PA	504	58.2	hypothetical protein|protein_coding|3R:6903106-6904696:1|gene:AGAP008203	25.99	64	11
1201	AGAP008294-PA	275	29.4	Trypsin-3 Precursor (EC 3.4.21.4)|protein_coding|3R:8630719-8631546:1|gene:AGAP008294	52.36	149	11
1202	AGAP008305-PA	613	68.9	hypothetical protein|protein_coding|3R:8803846-8808564:-1|gene:AGAP008305	21.21	23	11
1203	AGAP009173-PA	336	36.7	hypothetical protein|protein_coding|3R:28117585-28118767:-1|gene:AGAP009173	46.73	59	11
1204	AGAP009182-PA	476	52.1	hypothetical protein|protein_coding|3R:28208847-28210277:-1|gene:AGAP009182	30.46	137	11
1205	AGAP009190-PA	217	24.3	glutathione S-transferase, epsilon class|protein_coding|3R:28591663-28592451:-1|gene:AGAP009190	40.09	244	11
1206	AGAP009246-PA	516	60.0	hypothetical protein|protein_coding|3R:29380829-29386089:-1|gene:AGAP009246	28.68	25	11
1207	AGAP009255-PA	448	51.1	hypothetical protein|protein_coding|3R:29967812-29969906:1|gene:AGAP009255	39.29	43	11
1208	AGAP009518-PA	464	51.5	hypothetical protein|protein_coding|3R:35131422-35136776:-1|gene:AGAP009518	26.29	36	11
1209	AGAP009751-PA	698	80.3	angiotensin-converting enzyme 2|protein_coding|3R:42357772-42360377:1|gene:AGAP009751	16.33	25	11

1210	AGAP009754-PA	624	72.4	angiotensin-converting enzyme 4|protein_coding|3R:42366470-42368566:1|gene:AGAP009754	21.47	27	11
1211	AGAP009823-PA	656	72.6	hypothetical protein|protein_coding|3R:43805221-43815838:1|gene:AGAP009823	17.53	86	11
1212	AGAP010087-PA	682	72.5	hypothetical protein|protein_coding|3R:48689048-48695469:1|gene:AGAP010087	23.46	47	11
1213	AGAP010293-PA	305	32.7	hypothetical protein|protein_coding|3R:52354660-52358704:1|gene:AGAP010293	49.18	95	11
1214	AGAP010375-PA	152	17.6	hypothetical protein|protein_coding|3L:2341310-2341768:1|gene:AGAP010375	57.89	42	11
1215	AGAP010499-PA	351	37.4	hypothetical protein|protein_coding|3L:5054465-5055589:1|gene:AGAP010499	55.56	45	11
1216	AGAP010815-PA	1340	152.0	Thioester-containing protein.|protein_coding|3L:11202091-11206882:-1|gene:AGAP010815	10.3	23	11
1217	AGAP011203-PA	460	51.3	hypothetical protein|protein_coding|3L:19302860-19304309:-1|gene:AGAP011203	25.87	28	11
1218	AGAP011457-PA	278	29.9	hypothetical protein|protein_coding|3L:24933375-24934284:-1|gene:AGAP011457	59.71	40	11
1219	AGAP011834-PA	363	39.5	hypothetical protein|protein_coding|3L:33897718-33898873:1|gene:AGAP011834	46.83	18	11
1220	AGAP011936-PA	537	61.1	hypothetical protein|protein_coding|3L:35354695-35367736:1|gene:AGAP011936	21.6	66	11
1221	AGAP012014-PA	182	20.7	hypothetical protein|protein_coding|3L:36310085-36311000:1|gene:AGAP012014	66.48	34	11
1222	AGAP012071-PA	177	20.5	hypothetical protein|protein_coding|3L:37390181-37391342:-1|gene:AGAP012071	61.02	37	11
1223	AGAP012072-PA	178	20.6	hypothetical protein|protein_coding|3L:37400136-37401304:-1|gene:AGAP012072	68.54	35	11
1224	AGAP012126-PA	219	23.8	hypothetical protein|protein_coding|3L:37913985-37915698:-1|gene:AGAP012126	69.41	44	11
1225	AGAP012335-PA	728	81.6	hypothetical protein|protein_coding|3L:40741134-40743498:-1|gene:AGAP012335	20.05	20	11
1226	AGAP012801-PA	284	30.9	hypothetical protein|protein_coding|UNKN:30060041-30060895:1|gene:AGAP012801	59.15	25	11
1227	AGAP012996-PA	446	51.5	hypothetical protein|protein_coding|2R:6117533-6118953:1|gene:AGAP012996	30.94	16	11

1228	AGAP013124-PA	622	70.9	hypothetical protein|protein_coding|2R:6111526-6113456:-1|gene:AGAP013124	29.74	28	11
1229	AGAP000009-PC	1204	132.4	hypothetical protein|protein_coding|X:98087-114021:-1|gene:AGAP000009	12.29	33	10
1230	AGAP000054-PA	1593	172.8	hypothetical protein|protein_coding|X:850501-891167:1|gene:AGAP000054	11.99	30	10
1231	AGAP000178-PA	1320	148.2	hypothetical protein|protein_coding|X:2987173-2991824:1|gene:AGAP000178	10.15	17	10
1232	AGAP000223-PA	812	90.1	hypothetical protein|protein_coding|X:4169712-4176611:-1|gene:AGAP000223	20.81	42	10
1233	AGAP000284-PA	501	56.5	hypothetical protein|protein_coding|X:5112278-5114747:-1|gene:AGAP000284	24.55	21	10
1234	AGAP000308-PA	264	29.7	hypothetical protein|protein_coding|X:5448455-5449323:1|gene:AGAP000308	54.17	18	10
1235	AGAP000348-PA	1137	128.4	hypothetical protein|protein_coding|X:6141806-6154000:-1|gene:AGAP000348	13.72	35	10
1236	AGAP000416-PA	265	29.4	hypothetical protein|protein_coding|X:7437094-7437891:-1|gene:AGAP000416	45.66	18	10
1237	AGAP000549-PA	470	50.7	hypothetical protein|protein_coding|X:9839943-9843691:-1|gene:AGAP000549	25.96	26	10
1238	AGAP000560-PA	790	87.7	hypothetical protein|protein_coding|X:9935801-9938246:1|gene:AGAP000560	16.58	14	10
1239	AGAP000655-PA	152	16.3	40S ribosomal protein S14a|protein_coding|X:11703376-11703942:-1|gene:AGAP000655	68.42	73	10
1240	AGAP000723-PA	518	57.1	hypothetical protein|protein_coding|X:13142832-13150270:1|gene:AGAP000723	31.85	20	10
1241	AGAP000834-PA	521	57.4	hypothetical protein|protein_coding|X:15421209-15423290:1|gene:AGAP000834	23.22	100	10
1242	AGAP000941-PB	198	22.0	hypothetical protein|protein_coding|X:18244471-18250842:-1|gene:AGAP000941	67.17	109	10
1243	AGAP000988-PA	240	26.9	hypothetical protein|protein_coding|X:18937587-18938765:-1|gene:AGAP000988	51.25	37	10
1244	AGAP001053-PF	197	23.4	hypothetical protein|protein_coding|X:21347331-21365689:1|gene:AGAP001053	44.16	25	10
1245	AGAP001232-PA	413	47.3	hypothetical protein|protein_coding|2R:1746104-1747345:1|gene:AGAP001232	33.66	31	10
1246	AGAP001287-PB	5370	594.8	hypothetical protein|protein_coding|2R:2476347-2498876:-1|gene:AGAP001287	2.98	26	10

1247	AGAP001394-PB	213	23.5	hypothetical protein|protein_coding|2R:4155365-4167690:1|gene:AGAP001394	61.5	57	10
1248	AGAP001557-PA	1127	124.0	hypothetical protein|protein_coding|2R:6186490-6193122:1|gene:AGAP001557	12.6	20	10
1249	AGAP001601-PA	566	63.1	hypothetical protein|protein_coding|2R:6634530-6636230:1|gene:AGAP001601	24.56	26	10
1250	AGAP001649-PA	537	60.5	hypothetical protein|protein_coding|2R:7281506-7283253:1|gene:AGAP001649	27.56	75	10
1251	AGAP001669-PA	213	21.9	cuticular protein 6, RR-2 family|protein_coding|2R:7656429-7657147:1|gene:AGAP001669	58.69	307	10
1252	AGAP001711-PA	218	24.7	hypothetical protein|protein_coding|2R:8858374-8859125:1|gene:AGAP001711	49.54	101	10
1253	AGAP001797-PA	786	84.3	hypothetical protein|protein_coding|2R:10548089-10583604:1|gene:AGAP001797	10.69	133	10
1254	AGAP002020-PA	174	20.3	hypothetical protein|protein_coding|2R:14012368-14013179:-1|gene:AGAP002020	51.72	58	10
1255	AGAP002022-PA	502	55.7	hypothetical protein|protein_coding|2R:14023506-14025168:-1|gene:AGAP002022	30.68	32	10
1256	AGAP002047-PA	537	60.5	hypothetical protein|protein_coding|2R:14526358-14529840:1|gene:AGAP002047	23.28	31	10
1257	AGAP002054-PA	709	80.5	hypothetical protein|protein_coding|2R:14660246-14675805:-1|gene:AGAP002054	24.26	19	10
1258	AGAP002122-PA	134	15.8	hypothetical protein|protein_coding|2R:16046174-16046701:-1|gene:AGAP002122	55.97	46	10
1259	AGAP002906-PA	696	76.8	hypothetical protein|protein_coding|2R:29134973-29137211:-1|gene:AGAP002906	20.11	15	10
1260	AGAP002914-PC	399	43.5	hypothetical protein|protein_coding|2R:29283760-29301463:1|gene:AGAP002914	28.57	19	10
1261	AGAP002925-PB	534	56.9	hypothetical protein|protein_coding|2R:29677974-29680925:-1|gene:AGAP002925	21.72	37	10
1262	AGAP002961-PA	1393	156.1	hypothetical protein|protein_coding|2R:30132598-30137317:1|gene:AGAP002961	9.83	15	10
1263	AGAP003114-PA	328	37.7	hypothetical protein|protein_coding|2R:32512705-32550718:1|gene:AGAP003114	30.18	29	10
1264	AGAP003296-PA	882	97.7	hypothetical protein|protein_coding|2R:35201897-35208926:-1|gene:AGAP003296	17.35	30	10

1265	AGAP003339-PA	762	87.1	hypothetical protein|protein_coding|2R:36294274-36296797:1|gene:AGAP003339	18.24	24	10
1266	AGAP003405-PA	466	51.0	hypothetical protein|protein_coding|2R:37425820-37434664:1|gene:AGAP003405	27.47	29	10
1267	AGAP003432-PA	871	97.0	hypothetical protein|protein_coding|2R:37697992-37700804:1|gene:AGAP003432	18.83	48	10
1268	AGAP003584-PA	360	38.6	hypothetical protein|protein_coding|2R:40343074-40344280:1|gene:AGAP003584	34.44	30	10
1269	AGAP003612-PA	231	25.5	hypothetical protein|protein_coding|2R:40511482-40512446:-1|gene:AGAP003612	57.14	27	10
1270	AGAP003700-PA	374	42.3	hypothetical protein|protein_coding|2R:42132922-42134325:1|gene:AGAP003700	36.36	18	10
1271	AGAP003816-PA	116	12.7	hypothetical protein|protein_coding|2R:43729787-43730558:-1|gene:AGAP003816	85.34	72	10
1272	AGAP003987-PA	270	29.6	hypothetical protein|protein_coding|2R:47546646-47547782:1|gene:AGAP003987	51.48	30	10
1273	AGAP004030-PA	251	28.5	hypothetical protein|protein_coding|2R:47972452-47973328:1|gene:AGAP004030	39.44	27	10
1274	AGAP004096-PB	554	62.4	hypothetical protein|protein_coding|2R:49732566-49735378:-1|gene:AGAP004096	20.04	22	10
1275	AGAP004209-PA	1438	160.9	hypothetical protein|protein_coding|2R:51883020-51900149:1|gene:AGAP004209	11.2	31	10
1276	AGAP004395-PA	175	19.4	hypothetical protein|protein_coding|2R:55594004-55595803:1|gene:AGAP004395	57.71	64	10
1277	AGAP004559-PH	215	24.3	hypothetical protein|protein_coding|2R:57598142-57599997:1|gene:AGAP004559	58.6	29	10
1278	AGAP004592-PH	345	40.1	hypothetical protein|protein_coding|2R:58135544-58141795:-1|gene:AGAP004592	27.25	42	10
1279	AGAP004749-PA	397	45.4	hypothetical protein|protein_coding|2L:3038802-3040142:1|gene:AGAP004749	34.01	25	10
1280	AGAP004766-PA	344	38.7	hypothetical protein|protein_coding|2L:3168038-3175379:1|gene:AGAP004766	34.59	26	10
1281	AGAP004801-PA	1179	133.0	hypothetical protein|protein_coding|2L:3738214-3744072:1|gene:AGAP004801	10.43	14	10
1282	AGAP005033-PA	2946	332.3	hypothetical protein|protein_coding|2L:8628318-8638510:-1|gene:AGAP005033	4.99	19	10

1283	AGAP005535-PA	463	53.5	hypothetical protein|protein_coding|2L:16692989-16694450:-1|gene:AGAP005535	26.13	22	10
1284	AGAP005609-PB	611	64.4	hypothetical protein|protein_coding|2L:17834218-17837057:1|gene:AGAP005609	27.5	16	10
1285	AGAP005710-PA	945	105.8	hypothetical protein|protein_coding|2L:19242313-19255034:1|gene:AGAP005710	14.92	33	10
1286	AGAP005750-PA	519	59.2	hypothetical protein|protein_coding|2L:20200997-20202750:-1|gene:AGAP005750	25.63	27	10
1287	AGAP005792-PA	251	27.4	hypothetical protein|protein_coding|2L:20721165-20721920:-1|gene:AGAP005792	56.57	131	10
1288	AGAP005807-PD	297	34.4	hypothetical protein|protein_coding|2L:21523710-21609569:1|gene:AGAP005807	36.03	34	10
1289	AGAP005947-PA	151	17.2	40S ribosomal protein S13|protein_coding|2L:23981907-23982510:1|gene:AGAP005947	49.01	85	10
1290	AGAP005991-PA	186	21.5	hypothetical protein|protein_coding|2L:24568227-24569828:1|gene:AGAP005991	49.46	49	10
1291	AGAP006097-PA	553	58.2	hypothetical protein|protein_coding|2L:26628651-26638121:-1|gene:AGAP006097	23.87	45	10
1292	AGAP006133-PA	2782	307.0	hypothetical protein|protein_coding|2L:27049136-27068621:-1|gene:AGAP006133	6.69	18	10
1293	AGAP006171-PA	677	71.4	hypothetical protein|protein_coding|2L:27647494-27650439:1|gene:AGAP006171	23.49	37	10
1294	AGAP006179-PC	153	17.3	hypothetical protein|protein_coding|2L:27799476-27807391:-1|gene:AGAP006179	66.67	223	10
1295	AGAP006222-PA	529	59.9	hypothetical protein|protein_coding|2L:28524284-28526141:1|gene:AGAP006222	24.95	44	10
1296	AGAP006385-PA	260	27.8	hypothetical protein|protein_coding|2L:31026669-31027451:-1|gene:AGAP006385	43.85	31	10
1297	AGAP007028-PA	539	59.8	hypothetical protein|protein_coding|2L:41047893-41049603:-1|gene:AGAP007028	28.57	73	10
1298	AGAP007120-PA	168	18.6	hypothetical protein|protein_coding|2L:43043679-43044386:1|gene:AGAP007120	64.88	118	10
1299	AGAP007388-PA	5799	661.2	hypothetical protein|protein_coding|2L:46254049-46272207:-1|gene:AGAP007388	2.62	21	10
1300	AGAP007700-PA	282	31.2	hypothetical protein|protein_coding|2L:49135615-49136615:1|gene:AGAP007700	37.94	46	10

1301	AGAP007768-PA	78	8.8	hypothetical protein|protein_coding|3R:508390-508712:1|gene:AGAP007768	83.33	30	10
1302	AGAP007849-PA	2276	253.4	hypothetical protein|protein_coding|3R:2034935-2054231:-1|gene:AGAP007849	5.89	33	10
1303	AGAP007871-PA	334	35.5	hypothetical protein|protein_coding|3R:2401781-2403139:1|gene:AGAP007871	53.29	23	10
1304	AGAP008214-PA	501	57.8	hypothetical protein|protein_coding|3R:6933946-6935521:1|gene:AGAP008214	26.75	64	10
1305	AGAP008228-PA	209	24.2	hypothetical protein|protein_coding|3R:7176532-7191432:-1|gene:AGAP008228	58.85	35	10
1306	AGAP008267-PA	598	65.9	hypothetical protein|protein_coding|3R:8096999-8098990:-1|gene:AGAP008267	21.07	27	10
1307	AGAP008296-PA	274	29.0	Trypsin-1 Precursor (EC 3.4.21.4)(Antryp1)|protein_coding|3R:8634819-8635643:1|gene:AGAP008296	48.18	176	10
1308	AGAP008727-PA	182	20.8	hypothetical protein|protein_coding|3R:16158434-16159082:1|gene:AGAP008727	61.54	324	10
1309	AGAP008816-PA	242	27.0	hypothetical protein|protein_coding|3R:18292958-18293846:1|gene:AGAP008816	60.33	37	10
1310	AGAP009048-PA	629	72.0	hypothetical protein|protein_coding|3R:24682748-24684637:1|gene:AGAP009048	22.89	25	10
1311	AGAP009104-PA	319	35.6	hypothetical protein|protein_coding|3R:25631305-25634938:-1|gene:AGAP009104	41.38	22	10
1312	AGAP009204-PA	334	38.2	Eukaryotic translation initiation factor 3 subunit H (eIF3h)|protein_coding|3R:28673287-28674529:1|gene:AGAP009204	48.2	31	10
1313	AGAP009278-PA	1065	121.9	hypothetical protein|protein_coding|3R:30568591-30575658:-1|gene:AGAP009278	13.8	15	10
1314	AGAP009508-PA	192	21.7	hypothetical protein|protein_coding|3R:34970133-34970813:1|gene:AGAP009508	59.9	121	10
1315	AGAP009645-PA	561	61.4	hypothetical protein|protein_coding|3R:37511611-37514030:-1|gene:AGAP009645	20.86	26	10
1316	AGAP009828-PA	232	24.7	hypothetical protein|protein_coding|3R:43935962-43936724:-1|gene:AGAP009828	62.07	187	10
1317	AGAP009865-PA	146	17.5	hypothetical protein|protein_coding|3R:44586368-44587032:1|gene:AGAP009865	62.33	87	10
1318	AGAP009874-PA	268	29.2	cuticular protein 76, RR-1 family|protein_coding|3R:44647714-44648746:-1|gene:AGAP009874	41.42	84	10

1319	AGAP010021-PA	1646	172.3	hypothetical protein|protein_coding|3R:47845820-47857743:1|gene:AGAP010021	8.51	64	10
1320	AGAP010132-PA	494	55.8	Class B Scavenger Receptor (CD36 domain).|protein_coding|3R:49285621-49287337:1|gene:AGAP010132	36.03	32	10
1321	AGAP010172-PB	309	35.5	hypothetical protein|protein_coding|3R:49899427-49906860:-1|gene:AGAP010172	51.46	27	10
1322	AGAP010517-PA	219	24.5	Manganese-Iron (Mn-Fe) Superoxide Dismutase.|protein_coding|3L:5581880-5582955:-1|gene:AGAP010517	68.95	47	10
1323	AGAP010536-PA	810	92.6	hypothetical protein|protein_coding|3L:5818262-5821153:-1|gene:AGAP010536	16.3	18	10
1324	AGAP010543-PA	425	48.1	hypothetical protein|protein_coding|3L:5999835-6001192:1|gene:AGAP010543	26.59	32	10
1325	AGAP010612-PA	222	24.2	hypothetical protein|protein_coding|3L:7170626-7171389:-1|gene:AGAP010612	51.35	38	10
1326	AGAP010640-PA	185	19.4	hypothetical protein|protein_coding|3L:7898432-7902665:-1|gene:AGAP010640	63.78	61	10
1327	AGAP010719-PA	537	59.0	hypothetical protein|protein_coding|3L:8976455-8978513:1|gene:AGAP010719	30.35	32	10
1328	AGAP010823-PA	480	52.4	hypothetical protein|protein_coding|3L:11443685-11449916:1|gene:AGAP010823	28.13	40	10
1329	AGAP010957-PA	153	17.2	hypothetical protein|protein_coding|3L:13793741-13818291:1|gene:AGAP010957	75.82	29	10
1330	AGAP011060-PA	339	39.5	hypothetical protein|protein_coding|3L:15805306-15806325:1|gene:AGAP011060	32.45	34	10
1331	AGAP011084-PA	809	91.4	hypothetical protein|protein_coding|3L:16351133-16353867:-1|gene:AGAP011084	13.84	27	10
1332	AGAP011100-PA	301	31.3	hypothetical protein|protein_coding|3L:16937280-16938741:1|gene:AGAP011100	30.56	149	10
1333	AGAP011126-PA	289	32.6	hypothetical protein|protein_coding|3L:17429916-17430981:1|gene:AGAP011126	56.4	22	10
1334	AGAP011159-PA	153	17.3	hypothetical protein|protein_coding|3L:18111843-18112304:-1|gene:AGAP011159	64.05	138	10
1335	AGAP011304-PA	256	28.1	hypothetical protein|protein_coding|3L:20767869-20768710:-1|gene:AGAP011304	51.95	44	10
1336	AGAP011347-PA	634	70.7	hypothetical protein|protein_coding|3L:21523510-21527626:-1|gene:AGAP011347	23.82	46	10

1337	AGAP011580-PA	221	25.8	Eukaryotic translation initiation factor 3 subunit K (eIF3k)(eIF-3 p25)|protein_coding|3L:28372076-28372853:1|gene:AGAP011580	62.9	22	10
1338	AGAP011780-PA	422	45.8	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:33242115-33244458:-1|gene:AGAP011780	29.86	25	10
1339	AGAP011792-PA	821	80.8	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:33286810-33289619:-1|gene:AGAP011792	15.1	74	10
1340	AGAP011798-PA	675	75.6	hypothetical protein|protein_coding|3L:33317821-33328304:-1|gene:AGAP011798	21.93	31	10
1341	AGAP011851-PA	1463	161.0	Protein KIAA0664 homolog|protein_coding|3L:34053468-34064120:1|gene:AGAP011851	9.91	19	10
1342	AGAP012008-PA	304	32.2	hypothetical protein|protein_coding|3L:36200179-36201093:-1|gene:AGAP012008	25	25	10
1343	AGAP012138-PA	162	18.7	hypothetical protein|protein_coding|3L:38003503-38004081:1|gene:AGAP012138	47.53	32	10
1344	AGAP012188-PA	110	13.3	hypothetical protein|protein_coding|3L:38533284-38533970:1|gene:AGAP012188	64.55	60	10
1345	AGAP012204-PA	157	17.6	hypothetical protein|protein_coding|3L:38716370-38716999:1|gene:AGAP012204	66.24	29	10
1346	AGAP012249-PA	910	100.9	hypothetical protein|protein_coding|3L:39301971-39304771:1|gene:AGAP012249	17.14	28	10
1347	AGAP012399-PA	466	53.9	hypothetical protein|protein_coding|3L:41723777-41725308:-1|gene:AGAP012399	27.9	61	10
1348	AGAP012425-PA	472	52.7	hypothetical protein|protein_coding|3L:41943601-41945529:-1|gene:AGAP012425	30.93	57	10
1349	AGAP012982-PA	370	41.5	hypothetical protein|protein_coding|2R:674022-675134:1|gene:AGAP012982	35.41	324	10
1350	AGAP012990-PA	143	16.1	hypothetical protein|protein_coding|2R:6098616-6099047:-1|gene:AGAP012990	49.65	45	10
1351	AGAP013142-PA	406	46.2	hypothetical protein|protein_coding|2R:43081194-43082560:-1|gene:AGAP013142	27.83	32	10
1352	AGAP013228-PA	113	12.6	hypothetical protein|protein_coding|2L:47267206-47268387:-1|gene:AGAP013228	79.65	40	10
1353	AGAP013481-PB	130	14.4	hypothetical protein|protein_coding|2R:20929743-20934976:1|gene:AGAP013481	92.31	19	10
1354	AGAP000032-PA	1540	166.6	hypothetical protein|protein_coding|X:408841-424966:1|gene:AGAP000032	9.48	27	9
1355	AGAP000214-PA	754	83.5	hypothetical protein|protein_coding|X:3484493-3493483:-1|gene:AGAP000214	13.66	20	9

1356	AGAP000273-PA	1750	193.9	hypothetical protein|protein_coding|X:4997982-5005742:1|gene:AGAP000273	7.31	16	9
1357	AGAP000288-PA	348	38.5	hypothetical protein|protein_coding|X:5125072-5126204:-1|gene:AGAP000288	33.91	41	9
1358	AGAP000365-PA	405	46.6	hypothetical protein|protein_coding|X:6766782-6768196:-1|gene:AGAP000365	31.11	64	9
1359	AGAP000414-PA	351	38.4	hypothetical protein|protein_coding|X:7403129-7404268:1|gene:AGAP000414	32.19	37	9
1360	AGAP000479-PA	421	46.1	hypothetical protein|protein_coding|X:8426440-8427705:1|gene:AGAP000479	34.2	23	9
1361	AGAP000500-PD	469	53.6	hypothetical protein|protein_coding|X:8796801-8798842:1|gene:AGAP000500	25.59	15	9
1362	AGAP000535-PA	699	78.0	hypothetical protein|protein_coding|X:9591119-9594691:-1|gene:AGAP000535	15.45	56	9
1363	AGAP000625-PA	441	48.8	hypothetical protein|protein_coding|X:11264037-11267188:1|gene:AGAP000625	26.08	22	9
1364	AGAP000626-PA	291	32.2	hypothetical protein|protein_coding|X:11272364-11278512:-1|gene:AGAP000626	48.8	66	9
1365	AGAP000812-PA	336	39.2	hypothetical protein|protein_coding|X:14888685-14897240:1|gene:AGAP000812	29.46	31	9
1366	AGAP000941-PA	187	20.9	hypothetical protein|protein_coding|X:18244471-18250842:-1|gene:AGAP000941	65.78	118	9
1367	AGAP000986-PA	228	24.9	hypothetical protein|protein_coding|X:18926157-18929877:-1|gene:AGAP000986	64.04	84	9
1368	AGAP001076-PB	565	64.7	hypothetical protein|protein_coding|X:22937938-22946654:-1|gene:AGAP001076	21.95	19	9
1369	AGAP001245-PA	272	28.7	hypothetical protein|protein_coding|2R:2029478-2030464:-1|gene:AGAP001245	79.78	85	9
1370	AGAP001387-PA	166	16.8	hypothetical protein|protein_coding|2R:4116737-4117666:-1|gene:AGAP001387	78.92	89	9
1371	AGAP001460-PA	602	63.4	hypothetical protein|protein_coding|2R:5286717-5290944:1|gene:AGAP001460	21.93	49	9
1372	AGAP001617-PA	207	23.5	hypothetical protein|protein_coding|2R:6827828-6828683:-1|gene:AGAP001617	57	21	9
1373	AGAP001777-PA	1358	150.8	hypothetical protein|protein_coding|2R:10172462-10177055:1|gene:AGAP001777	8.47	14	9

1374	AGAP002136-PA	437	49.8	hypothetical protein|protein_coding|2R:16382079-16385489:1|gene:AGAP002136	31.58	20	9
1375	AGAP002157-PA	1066	119.0	hypothetical protein|protein_coding|2R:16574588-16581233:-1|gene:AGAP002157	11.44	35	9
1376	AGAP002308-PA	287	30.4	hypothetical protein|protein_coding|2R:19059108-19060036:-1|gene:AGAP002308	50.17	37	9
1377	AGAP002317-PA	496	54.1	hypothetical protein|protein_coding|2R:19444433-19446002:1|gene:AGAP002317	24.8	25	9
1378	AGAP002369-PA	587	65.5	hypothetical protein|protein_coding|2R:20736414-20738177:1|gene:AGAP002369	21.12	44	9
1379	AGAP002395-PA	219	25.4	hypothetical protein|protein_coding|2R:20904599-20905517:-1|gene:AGAP002395	52.05	26	9
1380	AGAP002414-PA	1457	164.3	hypothetical protein|protein_coding|2R:21033576-21044645:-1|gene:AGAP002414	8.3	28	9
1381	AGAP002463-PB	320	35.9	hypothetical protein|protein_coding|2R:21820219-21821369:1|gene:AGAP002463	33.75	40	9
1382	AGAP002711-PC	1195	130.7	hypothetical protein|protein_coding|2R:26014517-26044178:1|gene:AGAP002711	12.55	26	9
1383	AGAP002723-PA	178	19.4	hypothetical protein|protein_coding|2R:26242222-26242848:1|gene:AGAP002723	55.06	36	9
1384	AGAP002788-PA	233	25.4	hypothetical protein|protein_coding|2R:27237959-27238728:-1|gene:AGAP002788	47.21	32	9
1385	AGAP002890-PA	401	45.3	hypothetical protein|protein_coding|2R:28941203-28943426:1|gene:AGAP002890	30.17	46	9
1386	AGAP003069-PA	184	20.5	hypothetical protein|protein_coding|2R:31960571-31961285:1|gene:AGAP003069	60.33	48	9
1387	AGAP003099-PA	267	29.4	hypothetical protein|protein_coding|2R:32428779-32430038:-1|gene:AGAP003099	53.18	32	9
1388	AGAP003136-PA	443	49.7	hypothetical protein|protein_coding|2R:33123351-33124806:1|gene:AGAP003136	32.73	27	9
1389	AGAP003219-PA	349	36.3	hypothetical protein|protein_coding|2R:34006616-34009771:1|gene:AGAP003219	36.68	54	9
1390	AGAP003250-PA	360	39.4	Clip-Domain Serine Protease, family B.|protein_coding|2R:34471993-34473530:-1|gene:AGAP003250	36.11	47	9
1391	AGAP003414-PA	255	26.9	hypothetical protein|protein_coding|2R:37464656-37465423:-1|gene:AGAP003414	60.39	18	9

1392	AGAP003424-PA	909	102.0	hypothetical protein|protein_coding|2R:37524388-37529822:-1|gene:AGAP003424	14.3	18	9
1393	AGAP003493-PC	482	52.2	hypothetical protein|protein_coding|2R:38653986-38655658:1|gene:AGAP003493	16.8	201	9
1394	AGAP003521-PA	383	44.7	hypothetical protein|protein_coding|2R:39107109-39108344:-1|gene:AGAP003521	27.68	22	9
1395	AGAP003595-PA	1470	166.4	hypothetical protein|protein_coding|2R:40378290-40382871:1|gene:AGAP003595	9.32	22	9
1396	AGAP003695-PA	920	105.5	hypothetical protein|protein_coding|2R:42053060-42056381:-1|gene:AGAP003695	14.02	168	9
1397	AGAP003745-PA	690	76.1	hypothetical protein|protein_coding|2R:42825148-42827303:-1|gene:AGAP003745	18.12	15	9
1398	AGAP003805-PA	674	77.2	hypothetical protein|protein_coding|2R:43477704-43480103:-1|gene:AGAP003805	18.4	24	9
1399	AGAP003842-PA	855	93.9	hypothetical protein|protein_coding|2R:44292087-44294740:-1|gene:AGAP003842	12.75	13	9
1400	AGAP003935-PA	246	27.6	hypothetical protein|protein_coding|2R:46543948-46544777:1|gene:AGAP003935	45.12	40	9
1401	AGAP003979-PA	1326	149.2	hypothetical protein|protein_coding|2R:47462448-47466594:-1|gene:AGAP003979	8.82	14	9
1402	AGAP004098-PA	193	22.0	hypothetical protein|protein_coding|2R:49755501-49756337:1|gene:AGAP004098	58.55	30	9
1403	AGAP004311-PA	316	36.1	hypothetical protein|protein_coding|2R:54371970-54375940:1|gene:AGAP004311	46.84	20	9
1404	AGAP004352-PB	423	46.1	hypothetical protein|protein_coding|2R:54946286-54947800:-1|gene:AGAP004352	27.19	14	9
1405	AGAP004428-PA	743	83.2	hypothetical protein|protein_coding|2R:55928143-55931932:1|gene:AGAP004428	16.42	24	9
1406	AGAP004455-PA	395	44.1	Gram-Negative Binding Protein (GNBP), or Beta-1,3-Glucan Binding Protein (BGBP).|protein_coding|2R:56681185-56682596:-1|gene:AGAP004455	28.35	36	9
1407	AGAP004487-PA	424	48.0	hypothetical protein|protein_coding|2R:56844669-56846671:-1|gene:AGAP004487	25.47	29	9
1408	AGAP004514-PA	595	67.8	hypothetical protein|protein_coding|2R:57249581-57251433:1|gene:AGAP004514	19.83	16	9
1409	AGAP004532-PA	329	35.8	hypothetical protein|protein_coding|2R:57446788-57451522:1|gene:AGAP004532	39.82	18	9

1410	AGAP004585-PA	317	36.4	hypothetical protein|protein_coding|2R:57989580-57993690:1|gene:AGAP004585	34.07	22	9
1411	AGAP004671-PA	1346	154.6	hypothetical protein|protein_coding|2R:61176370-61192306:1|gene:AGAP004671	8.4	11	9
1412	AGAP004855-PA	410	44.8	Clip-Domain Serine Protease, family B.|protein_coding|2L:4492324-4493945:1|gene:AGAP004855	31.22	20	9
1413	AGAP004887-PA	131	15.3	40S ribosomal protein S17|protein_coding|2L:4970167-4971082:-1|gene:AGAP004887	70.23	63	9
1414	AGAP004900-PA	265	29.0	hypothetical protein|protein_coding|2L:5634319-5649497:-1|gene:AGAP004900	55.85	49	9
1415	AGAP005007-PA	533	58.4	hypothetical protein|protein_coding|2L:7816277-7818045:-1|gene:AGAP005007	20.08	20	9
1416	AGAP005015-PA	447	46.6	hypothetical protein|protein_coding|2L:8302620-8317074:-1|gene:AGAP005015	23.94	44	9
1417	AGAP005515-PA	506	57.8	hypothetical protein|protein_coding|2L:16540689-16544817:-1|gene:AGAP005515	23.32	21	9
1418	AGAP005526-PA	3745	413.2	hypothetical protein|protein_coding|2L:16617187-16634182:-1|gene:AGAP005526	2.72	18	9
1419	AGAP005559-PA	414	44.0	hypothetical protein|protein_coding|2L:17032720-17033964:1|gene:AGAP005559	30.92	21	9
1420	AGAP005652-PA	728	77.2	hypothetical protein|protein_coding|2L:18293981-18300834:1|gene:AGAP005652	19.78	30	9
1421	AGAP005670-PA	300	32.2	hypothetical protein|protein_coding|2L:18516374-18517276:-1|gene:AGAP005670	38.67	51	9
1422	AGAP005742-PB	766	85.9	hypothetical protein|protein_coding|2L:20068964-20073591:-1|gene:AGAP005742	15.67	26	9
1423	AGAP005784-PA	408	44.5	hypothetical protein|protein_coding|2L:20583067-20600710:-1|gene:AGAP005784	42.89	53	9
1424	AGAP005800-PA	717	80.8	hypothetical protein|protein_coding|2L:21192433-21194761:-1|gene:AGAP005800	19.53	35	9
1425	AGAP005828-PA	483	53.6	hypothetical protein|protein_coding|2L:22068864-22076845:-1|gene:AGAP005828	32.71	35	9
1426	AGAP005913-PA	340	37.2	hypothetical protein|protein_coding|2L:23638183-23639205:-1|gene:AGAP005913	33.24	39	9
1427	AGAP006063-PA	584	66.3	hypothetical protein|protein_coding|2L:25950356-25974749:1|gene:AGAP006063	24.83	21	9

1428	AGAP006070-PA	159	17.6	hypothetical protein|protein_coding|2L:26053963-26054573:1|gene:AGAP006070	64.15	35	9
1429	AGAP006103-PB	206	22.1	hypothetical protein|protein_coding|2L:26687607-26689400:1|gene:AGAP006103	63.59	104	9
1430	AGAP006179-PB	156	17.6	hypothetical protein|protein_coding|2L:27799476-27808205:-1|gene:AGAP006179	66.67	199	9
1431	AGAP006221-PA	1234	135.5	hypothetical protein|protein_coding|2L:28519555-28523860:1|gene:AGAP006221	9.48	49	9
1432	AGAP006445-PA	448	50.9	hypothetical protein|protein_coding|2L:32192016-32193764:-1|gene:AGAP006445	29.02	21	9
1433	AGAP006625-PA	304	34.8	hypothetical protein|protein_coding|2L:34771402-34772544:-1|gene:AGAP006625	39.8	39	9
1434	AGAP006668-PA	360	36.1	hypothetical protein|protein_coding|2L:36514896-36515978:-1|gene:AGAP006668	30	85	9
1435	AGAP006676-PA	268	28.6	hypothetical protein|protein_coding|2L:36651950-36652837:1|gene:AGAP006676	51.87	67	9
1436	AGAP006688-PA	244	27.3	hypothetical protein|protein_coding|2L:36704634-36705590:1|gene:AGAP006688	43.03	38	9
1437	AGAP006710-PA	258	27.9	hypothetical protein|protein_coding|2L:37122230-37123167:-1|gene:AGAP006710	59.3	139	9
1438	AGAP006711-PA	258	27.9	Chymotrypsin-2 Precursor (EC 3.4.21.1)(AnChym2)|protein_coding|2L:37127208-37128125:1|gene:AGAP006711	57.36	124	9
1439	AGAP006756-PA	1004	110.4	hypothetical protein|protein_coding|2L:37882266-37885355:-1|gene:AGAP006756	12.95	14	9
1440	AGAP006891-PA	471	53.4	hypothetical protein|protein_coding|2L:39426797-39428212:-1|gene:AGAP006891	17.2	31	9
1441	AGAP006963-PA	336	37.8	hypothetical protein|protein_coding|2L:40277494-40278838:-1|gene:AGAP006963	33.33	52	9
1442	AGAP007082-PA	183	20.9	hypothetical protein|protein_coding|2L:42269963-42270834:1|gene:AGAP007082	65.03	67	9
1443	AGAP007108-PA	879	93.7	hypothetical protein|protein_coding|2L:42825338-42829315:1|gene:AGAP007108	15.24	17	9
1444	AGAP007125-PA	458	50.8	hypothetical protein|protein_coding|2L:43064752-43066212:1|gene:AGAP007125	33.19	39	9
1445	AGAP007131-PA	438	49.8	hypothetical protein|protein_coding|2L:43140150-43141903:1|gene:AGAP007131	24.89	45	9

1446	AGAP007208-PA	166	18.1	hypothetical protein|protein_coding|2L:44327895-44328395:-1|gene:AGAP007208	82.53	54	9
1447	AGAP007215-PA	551	60.5	hypothetical protein|protein_coding|2L:44369741-44371687:-1|gene:AGAP007215	21.6	33	9
1448	AGAP007480-PA	499	57.3	hypothetical protein|protein_coding|2L:46846043-46847806:1|gene:AGAP007480	22.85	22	9
1449	AGAP007557-PA	199	22.6	hypothetical protein|protein_coding|2L:47556039-47556638:-1|gene:AGAP007557	52.76	87	9
1450	AGAP007724-PA	382	43.3	hypothetical protein|protein_coding|2L:49309032-49315664:1|gene:AGAP007724	29.84	24	9
1451	AGAP007791-PA	323	37.7	hypothetical protein|protein_coding|3R:888526-909036:-1|gene:AGAP007791	52.94	32	9
1452	AGAP007806-PA	147	16.7	hypothetical protein|protein_coding|3R:1259267-1266337:-1|gene:AGAP007806	85.71	42	9
1453	AGAP007841-PA	160	16.9	hypothetical protein|protein_coding|3R:1841882-1842364:1|gene:AGAP007841	73.75	288	9
1454	AGAP007940-PB	213	23.8	hypothetical protein|protein_coding|3R:3223506-3225181:-1|gene:AGAP007940	50.7	77	9
1455	AGAP007940-PC	296	33.0	hypothetical protein|protein_coding|3R:3223506-3227109:-1|gene:AGAP007940	29.73	139	9
1456	AGAP007967-PA	396	43.6	hypothetical protein|protein_coding|3R:3388863-3390123:-1|gene:AGAP007967	35.61	65	9
1457	AGAP008003-PA	1473	163.9	hypothetical protein|protein_coding|3R:3995547-4002704:1|gene:AGAP008003	9.3	20	9
1458	AGAP008071-PA	364	42.1	hypothetical protein|protein_coding|3R:5060904-5067342:1|gene:AGAP008071	33.24	47	9
1459	AGAP008212-PA	499	57.3	hypothetical protein|protein_coding|3R:6928909-6930486:1|gene:AGAP008212	13.63	25	9
1460	AGAP008329-PA	233	26.0	hypothetical protein|protein_coding|3R:9179221-9180549:-1|gene:AGAP008329	59.23	52	9
1461	AGAP008525-PA	691	79.4	hypothetical protein|protein_coding|3R:11825072-11827223:-1|gene:AGAP008525	16.21	24	9
1462	AGAP008532-PA	596	66.0	hypothetical protein|protein_coding|3R:11915359-11952008:1|gene:AGAP008532	32.38	34	9
1463	AGAP008582-PA	176	20.2	hypothetical protein|protein_coding|3R:13285525-13286196:1|gene:AGAP008582	55.11	73	9

1464	AGAP008724-PA	119	13.5	hypothetical protein|protein_coding|3R:16068036-16069060:-1|gene:AGAP008724	67.23	64	9
1465	AGAP008755-PA	706	76.3	hypothetical protein|protein_coding|3R:17098725-17122501:1|gene:AGAP008755	19.55	38	9
1466	AGAP008908-PA	374	41.6	hypothetical protein|protein_coding|3R:20626048-20627266:1|gene:AGAP008908	35.03	22	9
1467	AGAP008962-PA	609	70.3	hypothetical protein|protein_coding|3R:22241346-22243303:-1|gene:AGAP008962	17.9	22	9
1468	AGAP008993-PA	217	23.9	hypothetical protein|protein_coding|3R:22800188-22811596:-1|gene:AGAP008993	72.35	59	9
1469	AGAP009001-PA	578	65.2	hypothetical protein|protein_coding|3R:23006802-23011737:-1|gene:AGAP009001	19.2	35	9
1470	AGAP009161-PA	310	34.1	hypothetical protein|protein_coding|3R:27935675-27936675:1|gene:AGAP009161	40	20	9
1471	AGAP009197-PA	223	25.1	glutathione transferase|protein_coding|3R:28601448-28602188:-1|gene:AGAP009197	43.95	43	9
1472	AGAP009200-PA	1025	101.7	hypothetical protein|protein_coding|3R:28614040-28617208:-1|gene:AGAP009200	12.68	269	9
1473	AGAP009336-PA	299	32.3	hypothetical protein|protein_coding|3R:31534715-31535614:-1|gene:AGAP009336	31.1	124	9
1474	AGAP009444-PA	213	23.9	hypothetical protein|protein_coding|3R:33532970-33533611:-1|gene:AGAP009444	41.78	38	9
1475	AGAP009447-PA	404	44.5	hypothetical protein|protein_coding|3R:33544183-33550803:1|gene:AGAP009447	33.66	27	9
1476	AGAP009566-PA	588	69.3	hypothetical protein|protein_coding|3R:36297895-36333175:1|gene:AGAP009566	22.96	31	9
1477	AGAP009652-PA	153	18.1	hypothetical protein|protein_coding|3R:37625238-37625878:-1|gene:AGAP009652	54.25	101	9
1478	AGAP009781-PA	341	38.4	hypothetical protein|protein_coding|3R:43257320-43258871:1|gene:AGAP009781	28.15	37	9
1479	AGAP009861-PA	126	13.7	hypothetical protein|protein_coding|3R:44535146-44555606:-1|gene:AGAP009861	89.68	51	9
1480	AGAP010164-PB	788	90.1	hypothetical protein|protein_coding|3R:49786224-49791007:1|gene:AGAP010164	14.85	23	9
1481	AGAP010216-PA	154	17.4	hypothetical protein|protein_coding|3R:50847350-50848145:1|gene:AGAP010216	38.31	49	9

1482	AGAP010347-PA	153	15.7	Copper-Zinc (Cu-Zn) Superoxide Dismutase. Transcript B.|protein_coding|3L:1918745-1919642:1|gene:AGAP010347	96.73	322	9
1483	AGAP010463-PA	283	30.8	hypothetical protein|protein_coding|3L:3941467-3942383:1|gene:AGAP010463	35.34	47	9
1484	AGAP010657-PA	198	23.4	hypothetical protein|protein_coding|3L:8102799-8116045:-1|gene:AGAP010657	60.61	488	9
1485	AGAP010677-PA	630	71.1	hypothetical protein|protein_coding|3L:8331904-8336007:1|gene:AGAP010677	24.29	20	9
1486	AGAP010718-PA	284	31.3	hypothetical protein|protein_coding|3L:8974107-8975118:1|gene:AGAP010718	28.87	42	9
1487	AGAP010902-PA	251	27.0	cuticular protein 1 from CPFL family|protein_coding|3L:12810781-12811719:-1|gene:AGAP010902	62.15	55	9
1488	AGAP011173-PA	190	21.7	hypothetical protein|protein_coding|3L:18232386-18233643:1|gene:AGAP011173	55.26	88	9
1489	AGAP011322-PA	866	95.9	hypothetical protein|protein_coding|3L:21051375-21061201:-1|gene:AGAP011322	15.01	17	9
1490	AGAP011446-PA	725	73.5	hypothetical protein|protein_coding|3L:24763465-24770148:-1|gene:AGAP011446	11.72	40	9
1491	AGAP011685-PA	514	56.4	hypothetical protein|protein_coding|3L:31378369-31380363:1|gene:AGAP011685	24.12	34	9
1492	AGAP011788-PA	281	30.4	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:33271414-33272638:-1|gene:AGAP011788	32.74	98	9
1493	AGAP011887-PA	320	35.9	hypothetical protein|protein_coding|3L:34631276-34632309:-1|gene:AGAP011887	29.69	40	9
1494	AGAP011922-PA	612	69.4	hypothetical protein|protein_coding|3L:35157408-35159366:-1|gene:AGAP011922	17.81	91	9
1495	AGAP012097-PA	285	31.0	hypothetical protein|protein_coding|3L:37636111-37637229:1|gene:AGAP012097	43.86	23	9
1496	AGAP012113-PA	228	25.7	hypothetical protein|protein_coding|3L:37765232-37766071:-1|gene:AGAP012113	39.91	93	9
1497	AGAP012179-PA	308	35.8	hypothetical protein|protein_coding|3L:38353636-38371401:-1|gene:AGAP012179	34.74	43	9
1498	AGAP012851-PA	232	26.0	hypothetical protein|protein_coding|UNKN:34129899-34130597:1|gene:AGAP012851	48.28	43	9
1499	AGAP012953-PA	315	34.7	hypothetical protein|protein_coding|X:5010572-5013496:-1|gene:AGAP012953	34.29	27	9

1500	AGAP012984-PA	948	107.7	hypothetical protein|protein_coding|2R:11826694-11829618:1|gene:AGAP012984	13.71	38	9
1501	AGAP012991-PA	511	57.3	hypothetical protein|protein_coding|X:15826358-15829097:1|gene:AGAP012991	24.66	24	9
1502	AGAP000005-PA	457	52.0	hypothetical protein|protein_coding|X:32478-38479:-1|gene:AGAP000005	20.13	47	8
1503	AGAP000099-PA	726	83.4	JAKSTAT pathway signalling, Signal-Transducer and Activator of Transcription 2 (STAT2).|protein_coding|X:1609322-1620721:1|gene:AGAP000099	13.77	15	8
1504	AGAP000102-PA	722	82.0	hypothetical protein|protein_coding|X:1735399-1738258:1|gene:AGAP000102	12.88	21	8
1505	AGAP000130-PA	831	92.9	hypothetical protein|protein_coding|X:2070306-2072944:1|gene:AGAP000130	11.19	18	8
1506	AGAP000235-PC	131	14.4	hypothetical protein|protein_coding|X:4425246-4428424:1|gene:AGAP000235	69.47	44	8
1507	AGAP000320-PB	657	73.1	hypothetical protein|protein_coding|X:5680966-5695273:1|gene:AGAP000320	24.05	17	8
1508	AGAP000359-PA	492	56.0	hypothetical protein|protein_coding|X:6358270-6368050:-1|gene:AGAP000359	23.98	14	8
1509	AGAP000375-PA	206	22.6	hypothetical protein|protein_coding|X:6864496-6865545:1|gene:AGAP000375	58.25	24	8
1510	AGAP000434-PA	712	80.2	hypothetical protein|protein_coding|X:7701984-7705931:-1|gene:AGAP000434	14.75	14	8
1511	AGAP000481-PA	538	61.1	hypothetical protein|protein_coding|X:8432930-8435853:1|gene:AGAP000481	17.29	24	8
1512	AGAP000621-PA	452	50.4	hypothetical protein|protein_coding|X:11233957-11236530:1|gene:AGAP000621	28.32	29	8
1513	AGAP000767-PA	247	26.5	hypothetical protein|protein_coding|X:13820065-13824507:-1|gene:AGAP000767	46.56	48	8
1514	AGAP000879-PA	549	61.6	hypothetical protein|protein_coding|X:16665872-16671397:-1|gene:AGAP000879	19.67	35	8
1515	AGAP000985-PA	395	44.8	hypothetical protein|protein_coding|X:18919009-18924434:1|gene:AGAP000985	24.05	13	8
1516	AGAP001027-PB	488	52.4	hypothetical protein|protein_coding|X:19726928-19728470:-1|gene:AGAP001027	15.78	93	8
1517	AGAP001064-PA	204	23.3	hypothetical protein|protein_coding|X:22293237-22319207:-1|gene:AGAP001064	31.86	40	8

1518	AGAP001110-PA	526	59.3	hypothetical protein|protein_coding|2R:288409-292837:1|gene:AGAP001110	25.86	15	8
1519	AGAP001134-PA	555	65.2	hypothetical protein|protein_coding|2R:560864-562592:1|gene:AGAP001134	20.54	30	8
1520	AGAP001149-PA	422	46.3	hypothetical protein|protein_coding|2R:607351-608685:1|gene:AGAP001149	20.85	17	8
1521	AGAP001179-PA	823	91.2	hypothetical protein|protein_coding|2R:735389-786214:-1|gene:AGAP001179	20.9	11	8
1522	AGAP001264-PA	487	53.3	hypothetical protein|protein_coding|2R:2095791-2097398:1|gene:AGAP001264	19.92	22	8
1523	AGAP001320-PA	1103	125.2	hypothetical protein|protein_coding|2R:2987349-2991073:1|gene:AGAP001320	8.79	25	8
1524	AGAP001352-PA	255	28.1	hypothetical protein|protein_coding|2R:3430998-3431895:-1|gene:AGAP001352	29.02	78	8
1525	AGAP001406-PA	382	43.0	tRNA (guanine-N(7)-)-methyltransferase subunit wuho|protein_coding|2R:4203397-4204617:1|gene:AGAP001406	24.61	13	8
1526	AGAP001421-PA	612	67.3	hypothetical protein|protein_coding|2R:4740925-4742911:1|gene:AGAP001421	18.3	12	8
1527	AGAP001459-PC	187	21.7	60S ribosomal protein L17|protein_coding|2R:5283558-5284200:1|gene:AGAP001459	41.18	47	8
1528	AGAP001490-PA	489	55.4	hypothetical protein|protein_coding|2R:5557024-5558691:1|gene:AGAP001490	21.27	17	8
1529	AGAP001501-PC	310	33.7	hypothetical protein|protein_coding|2R:5689692-5690773:1|gene:AGAP001501	39.03	26	8
1530	AGAP001502-PA	101	10.9	hypothetical protein|protein_coding|2R:5691445-5692188:-1|gene:AGAP001502	62.38	25	8
1531	AGAP001589-PA	351	37.9	hypothetical protein|protein_coding|2R:6496913-6498226:-1|gene:AGAP001589	45.01	19	8
1532	AGAP001683-PA	918	102.2	hypothetical protein|protein_coding|2R:8247460-8438563:-1|gene:AGAP001683	12.2	32	8
1533	AGAP001685-PA	875	100.8	hypothetical protein|protein_coding|2R:8444300-8446927:-1|gene:AGAP001685	14.74	13	8
1534	AGAP001697-PA	205	23.2	hypothetical protein|protein_coding|2R:8779299-8779916:-1|gene:AGAP001697	52.2	37	8
1535	AGAP001767-PA	474	52.7	hypothetical protein|protein_coding|2R:9602412-9603836:1|gene:AGAP001767	26.37	30	8

1536	AGAP001813-PB	136	15.3	hypothetical protein|protein_coding|2R:10860617-10861148:-1|gene:AGAP001813	56.62	71	8
1537	AGAP001871-PA	641	71.5	hypothetical protein|protein_coding|2R:11732286-11734405:-1|gene:AGAP001871	19.19	25	8
1538	AGAP001883-PA	396	42.9	hypothetical protein|protein_coding|2R:11856508-11857698:1|gene:AGAP001883	26.77	25	8
1539	AGAP001942-PA	228	24.5	hypothetical protein|protein_coding|2R:12682524-12683711:-1|gene:AGAP001942	58.77	67	8
1540	AGAP001951-PA	404	43.7	hypothetical protein|protein_coding|2R:12779010-12780366:-1|gene:AGAP001951	22.52	11	8
1541	AGAP001954-PA	990	112.9	Phagocyte signaling-impaired protein (N-terminal acetyltransferase B complex subunit NAA25 homolog)(N-terminal acetyltransferase B complex subunit MDM20 homolog)|protein_coding|2R:12797646-12801508:-1|gene:AGAP001954	12.53	12	8
1542	AGAP001969-PA	309	34.9	hypothetical protein|protein_coding|2R:12990761-12991690:-1|gene:AGAP001969	71.2	73	8
1543	AGAP001970-PA	236	26.7	hypothetical protein|protein_coding|2R:12993104-12993814:1|gene:AGAP001970	38.98	64	8
1544	AGAP001979-PA	2120	225.8	Class A Scavenger Receptor (SRCR domain) with Serine Protease domain.|protein_coding|2R:13048002-13056621:-1|gene:AGAP001979	5.9	13	8
1545	AGAP001988-PA	281	30.9	hypothetical protein|protein_coding|2R:13208876-13209867:1|gene:AGAP001988	37.01	46	8
1546	AGAP002320-PA	201	22.9	hypothetical protein|protein_coding|2R:19483859-19484578:-1|gene:AGAP002320	48.26	16	8
1547	AGAP002347-PA	414	44.6	hypothetical protein|protein_coding|2R:20503945-20505498:-1|gene:AGAP002347	35.02	22	8
1548	AGAP002465-PA	216	24.6	hypothetical protein|protein_coding|2R:21825842-21827137:1|gene:AGAP002465	43.98	29	8
1549	AGAP002468-PA	151	17.5	hypothetical protein|protein_coding|2R:21836152-21836607:1|gene:AGAP002468	47.68	31	8
1550	AGAP002607-PA	870	96.2	hypothetical protein|protein_coding|2R:23837646-23840348:1|gene:AGAP002607	13.91	9	8
1551	AGAP002627-PA	283	31.3	hypothetical protein|protein_coding|2R:24328510-24329361:-1|gene:AGAP002627	42.4	23	8
1552	AGAP002908-PA	446	48.8	hypothetical protein|protein_coding|2R:29154424-29158628:1|gene:AGAP002908	22.65	15	8

1553	AGAP002962-PA	293	32.2	hypothetical protein|protein_coding|2R:30137537-30138488:-1|gene:AGAP002962	34.81	23	8
1554	AGAP003041-PA	302	34.2	hypothetical protein|protein_coding|2R:31402322-31403299:1|gene:AGAP003041	27.48	15	8
1555	AGAP003257-PA	222	25.0	glutathione transferase|protein_coding|2R:34497113-34497944:-1|gene:AGAP003257	54.95	31	8
1556	AGAP003309-PA	144	16.5	odorant binding protein|protein_coding|2R:35643124-35644111:1|gene:AGAP003309	68.75	41	8
1557	AGAP003331-PA	801	88.1	Enolase-phosphatase E1 (EC 3.1.3.77)(2,3-diketo-5-methylthio-1-phosphopentane phosphatase)|protein_coding|2R:36112592-36121813:-1|gene:AGAP003331	15.73	26	8
1558	AGAP003372-PB	248	27.5	hypothetical protein|protein_coding|2R:36925858-36928846:1|gene:AGAP003372	47.58	15	8
1559	AGAP003375-PA	164	17.1	cuticular protein 114, RR-2 family|protein_coding|2R:37163718-37164578:-1|gene:AGAP003375	76.83	124	8
1560	AGAP003379-PA	162	16.8	cuticular protein 117, RR-2 family|protein_coding|2R:37176050-37176719:1|gene:AGAP003379	64.2	46	8
1561	AGAP003390-PA	244	24.2	cuticular protein 124, RR-2 family|protein_coding|2R:37233856-37234769:-1|gene:AGAP003390	57.79	126	8
1562	AGAP003412-PA	65	7.5	hypothetical protein|protein_coding|2R:37462533-37462730:-1|gene:AGAP003412	80	41	8
1563	AGAP003437-PA	167	19.5	hypothetical protein|protein_coding|2R:37713779-37716234:-1|gene:AGAP003437	49.7	15	8
1564	AGAP003587-PA	608	64.5	hypothetical protein|protein_coding|2R:40355281-40357302:-1|gene:AGAP003587	14.47	51	8
1565	AGAP003715-PA	1287	138.4	hypothetical protein|protein_coding|2R:42403984-42408536:-1|gene:AGAP003715	10.72	15	8
1566	AGAP003760-PA	406	47.3	hypothetical protein|protein_coding|2R:43097330-43098977:-1|gene:AGAP003760	24.38	16	8
1567	AGAP003779-PA	307	35.2	hypothetical protein|protein_coding|2R:43162511-43163510:-1|gene:AGAP003779	38.76	17	8
1568	AGAP003792-PA	519	59.6	hypothetical protein|protein_coding|2R:43355513-43357223:-1|gene:AGAP003792	18.5	23	8
1569	AGAP003879-PA	388	43.1	hypothetical protein|protein_coding|2R:45082472-45083705:-1|gene:AGAP003879	31.96	71	8
1570	AGAP003900-PA	100	11.1	hypothetical protein|protein_coding|2R:45717526-45718095:1|gene:AGAP003900	63	22	8

1571	AGAP003911-PA	124	13.3	hypothetical protein|protein_coding|2R:46056827-46057201:1|gene:AGAP003911	66.13	136	8
1572	AGAP003937-PB	276	30.3	hypothetical protein|protein_coding|2R:46547001-46551141:-1|gene:AGAP003937	44.2	33	8
1573	AGAP004054-PA	639	72.6	hypothetical protein|protein_coding|2R:49046275-49048402:-1|gene:AGAP004054	22.07	28	8
1574	AGAP004135-PA	547	60.5	hypothetical protein|protein_coding|2R:50616654-50618456:-1|gene:AGAP004135	20.84	26	8
1575	AGAP004205-PA	502	57.3	hypothetical protein|protein_coding|2R:51859250-51860830:1|gene:AGAP004205	19.12	18	8
1576	AGAP004237-PA	623	72.2	hypothetical protein|protein_coding|2R:52959301-52962558:-1|gene:AGAP004237	17.34	17	8
1577	AGAP004321-PA	167	18.9	hypothetical protein|protein_coding|2R:54457911-54458541:1|gene:AGAP004321	50.3	26	8
1578	AGAP004324-PA	418	47.8	hypothetical protein|protein_coding|2R:54489615-54491134:-1|gene:AGAP004324	20.33	19	8
1579	AGAP004335-PB	979	105.5	hypothetical protein|protein_coding|2R:54800246-54818994:1|gene:AGAP004335	13.18	26	8
1580	AGAP004348-PA	1804	196.8	hypothetical protein|protein_coding|2R:54928058-54933639:1|gene:AGAP004348	6.21	17	8
1581	AGAP004470-PA	454	51.6	hypothetical protein|protein_coding|2R:56729843-56731676:1|gene:AGAP004470	19.38	39	8
1582	AGAP004533-PA	337	36.9	hypothetical protein|protein_coding|2R:57454530-57455543:1|gene:AGAP004533	31.45	27	8
1583	AGAP004535-PA	1089	125.1	hypothetical protein|protein_coding|2R:57459070-57464205:1|gene:AGAP004535	10.1	14	8
1584	AGAP004655-PA	548	60.5	hypothetical protein|protein_coding|2R:59556530-59558421:-1|gene:AGAP004655	26.28	25	8
1585	AGAP004715-PA	925	103.8	hypothetical protein|protein_coding|2L:2615699-2620604:1|gene:AGAP004715	14.27	11	8
1586	AGAP004743-PA	205	23.4	hypothetical protein|protein_coding|2L:3020291-3021134:1|gene:AGAP004743	40	26	8
1587	AGAP004750-PA	914	104.7	hypothetical protein|protein_coding|2L:3042517-3046447:-1|gene:AGAP004750	12.14	31	8
1588	AGAP004774-PA	1538	161.3	hypothetical protein|protein_coding|2L:3389141-3398032:1|gene:AGAP004774	7.93	15	8
1589	AGAP004817-PA	1249	128.4	Protein lingerer|protein_coding|2L:3844469-3852663:-1|gene:AGAP004817	10.65	125	8

1590	AGAP004880-PB	332	35.4	hypothetical protein|protein_coding|2L:4905578-4908474:1|gene:AGAP004880	39.76	23	8
1591	AGAP004912-PB	705	77.5	hypothetical protein|protein_coding|2L:5826410-5831336:1|gene:AGAP004912	17.59	12	8
1592	AGAP004933-PA	416	46.3	hypothetical protein|protein_coding|2L:6194335-6195585:-1|gene:AGAP004933	29.57	15	8
1593	AGAP005003-PA	813	91.4	hypothetical protein|protein_coding|2L:7789022-7792072:-1|gene:AGAP005003	14.27	11	8
1594	AGAP005042-PA	1236	134.9	hypothetical protein|protein_coding|2L:8751403-8758947:1|gene:AGAP005042	11.33	13	8
1595	AGAP005160-PC	192	21.6	hypothetical protein|protein_coding|2L:10785376-10797771:-1|gene:AGAP005160	56.77	26	8
1596	AGAP005282-PA	459	50.6	hypothetical protein|protein_coding|2L:13620680-13622367:1|gene:AGAP005282	22.66	16	8
1597	AGAP005306-PA	408	44.5	hypothetical protein|protein_coding|2L:13918675-13919901:-1|gene:AGAP005306	25.25	21	8
1598	AGAP005498-PB	228	25.9	hypothetical protein|protein_coding|2L:16235991-16236819:-1|gene:AGAP005498	36.84	44	8
1599	AGAP005632-PA	322	35.0	hypothetical protein|protein_coding|2L:18017846-18019248:1|gene:AGAP005632	31.06	14	8
1600	AGAP005663-PA	317	33.8	hypothetical protein|protein_coding|2L:18498870-18499823:-1|gene:AGAP005663	33.44	35	8
1601	AGAP005671-PA	300	32.2	hypothetical protein|protein_coding|2L:18530513-18531415:-1|gene:AGAP005671	34.33	39	8
1602	AGAP005741-PA	666	75.8	hypothetical protein|protein_coding|2L:20061869-20063869:1|gene:AGAP005741	17.72	21	8
1603	AGAP005773-PA	355	40.5	hypothetical protein|protein_coding|2L:20436943-20469816:-1|gene:AGAP005773	25.63	53	8
1604	AGAP005838-PA	143	14.9	hypothetical protein|protein_coding|2L:22322214-22322645:-1|gene:AGAP005838	76.22	24	8
1605	AGAP005858-PA	197	21.6	hypothetical protein|protein_coding|2L:22634962-22635650:-1|gene:AGAP005858	43.65	48	8
1606	AGAP005891-PA	575	61.7	hypothetical protein|protein_coding|2L:23199976-23208999:1|gene:AGAP005891	22.61	36	8
1607	AGAP005892-PA	904	102.1	hypothetical protein|protein_coding|2L:23218990-23223867:-1|gene:AGAP005892	14.38	14	8

1608	AGAP006102-PA	144	15.3	hypothetical protein|protein_coding|2L:26685974-26686481:1|gene:AGAP006102	99.31	247	8
1609	AGAP006104-PA	301	32.2	hypothetical protein|protein_coding|2L:26691829-26692734:1|gene:AGAP006104	43.52	37	8
1610	AGAP006181-PA	154	17.5	hypothetical protein|protein_coding|2L:27817445-27818118:1|gene:AGAP006181	44.16	83	8
1611	AGAP006244-PA	690	77.7	CTL-like protein 1|protein_coding|2L:28597557-28600434:1|gene:AGAP006244	18.7	31	8
1612	AGAP006260-PB	266	29.3	hypothetical protein|protein_coding|2L:28714338-28733287:-1|gene:AGAP006260	40.23	51	8
1613	AGAP006283-PB	139	14.8	cuticular protein 70, RR-2 family|protein_coding|2L:29534707-29535513:-1|gene:AGAP006283	60.43	720	8
1614	AGAP006448-PC	296	33.0	hypothetical protein|protein_coding|2L:32203718-32209312:-1|gene:AGAP006448	36.49	33	8
1615	AGAP006459-PA	110	12.4	Protein translation factor SUI1 homolog|protein_coding|2L:32371317-32374323:1|gene:AGAP006459	82.73	40	8
1616	AGAP006485-PA	281	30.5	hypothetical protein|protein_coding|2L:32881924-32882860:1|gene:AGAP006485	46.98	31	8
1617	AGAP006497-PA	365	40.6	cuticular protein 134, RR-1 family|protein_coding|2L:33052163-33062575:1|gene:AGAP006497	35.62	30	8
1618	AGAP006534-PB	1148	122.5	hypothetical protein|protein_coding|2L:33954274-33959936:-1|gene:AGAP006534	11.06	22	8
1619	AGAP006573-PA	448	50.8	hypothetical protein|protein_coding|2L:34204250-34206329:-1|gene:AGAP006573	19.87	15	8
1620	AGAP006643-PA	951	106.8	hypothetical protein|protein_coding|2L:35558329-35561384:1|gene:AGAP006643	12.83	22	8
1621	AGAP006709-PA	259	27.7	Chymotrypsin-1 Precursor (EC 3.4.21.1)(AnChym1)|protein_coding|2L:37118554-37119465:-1|gene:AGAP006709	38.22	54	8
1622	AGAP006726-PA	548	61.5	hypothetical protein|protein_coding|2L:37291102-37292915:1|gene:AGAP006726	22.45	17	8
1623	AGAP006766-PA	211	22.6	hypothetical protein|protein_coding|2L:38038846-38039570:1|gene:AGAP006766	65.4	97	8
1624	AGAP006808-PA	346	39.6	hypothetical protein|protein_coding|2L:38681919-38683209:-1|gene:AGAP006808	29.19	13	8
1625	AGAP006829-PA	212	21.6	cuticular protein 59, RR-2 family|protein_coding|2L:39074299-39076184:1|gene:AGAP006829	80.19	640	8

1626	AGAP006879-PA	82	9.2	hypothetical protein|protein_coding|2L:39319873-39320419:1|gene:AGAP006879	78.05	50	8
1627	AGAP006894-PA	324	37.6	hypothetical protein|protein_coding|2L:39556088-39557765:-1|gene:AGAP006894	29.32	29	8
1628	AGAP006904-PA	570	63.4	hypothetical protein|protein_coding|2L:39821274-39836785:1|gene:AGAP006904	23.16	33	8
1629	AGAP006931-PA	325	33.0	cuticular protein 111, RR-3 family|protein_coding|2L:40110711-40111688:1|gene:AGAP006931	29.54	234	8
1630	AGAP007121-PA	128	14.9	hypothetical protein|protein_coding|2L:43046083-43048421:1|gene:AGAP007121	61.72	31	8
1631	AGAP007161-PA	206	23.5	hypothetical protein|protein_coding|2L:43610683-43611511:1|gene:AGAP007161	46.12	29	8
1632	AGAP007250-PA	287	32.0	hypothetical protein|protein_coding|2L:44647437-44654179:-1|gene:AGAP007250	37.63	117	8
1633	AGAP007297-PA	189	21.8	hypothetical protein|protein_coding|2L:45066390-45067118:-1|gene:AGAP007297	38.1	27	8
1634	AGAP007334-PA	413	48.4	hypothetical protein|protein_coding|2L:45638652-45640040:1|gene:AGAP007334	19.85	14	8
1635	AGAP007347-PA	140	15.3	Lysozyme c-1 Precursor (EC 3.2.1.17)(1,4-beta-N-acetylmuramidase)|protein_coding|2L:45981093-45981661:-1|gene:AGAP007347	64.29	79	8
1636	AGAP007505-PA	477	54.0	hypothetical protein|protein_coding|2L:46991581-46993014:1|gene:AGAP007505	22.22	16	8
1637	AGAP007541-PA	681	77.9	hypothetical protein|protein_coding|2L:47431874-47434199:-1|gene:AGAP007541	13.22	11	8
1638	AGAP007550-PA	392	43.3	hypothetical protein|protein_coding|2L:47526290-47535221:1|gene:AGAP007550	29.34	43	8
1639	AGAP007572-PA	318	35.2	hypothetical protein|protein_coding|2L:47769796-47771074:1|gene:AGAP007572	36.48	23	8
1640	AGAP007626-PA	336	36.4	hypothetical protein|protein_coding|2L:48385970-48387173:1|gene:AGAP007626	30.06	21	8
1641	AGAP007668-PA	271	30.3	Eukaryotic translation initiation factor 3 subunit G (eIF3g)(Eukaryotic translation initiation factor 3 subunit 4)(Eukaryotic translation initiation factor 3 RNA-binding subunit)(eIF-3 RNA-binding subunit)|protein_coding|2L:48887512-48888419:-1|gene:AGAP007668	43.54	20	8
1642	AGAP007705-PA	289	32.0	hypothetical protein|protein_coding|2L:49142179-49143048:1|gene:AGAP007705	34.95	20	8

1643	AGAP007739-PA	504	54.8	hypothetical protein|protein_coding|3R:170090-172231:-1|gene:AGAP007739	25.79	15	8
1644	AGAP007747-PA	224	24.9	hypothetical protein|protein_coding|3R:217439-218182:1|gene:AGAP007747	50.45	56	8
1645	AGAP007901-PB	216	23.6	hypothetical protein|protein_coding|3R:2590565-2591869:1|gene:AGAP007901	56.94	24	8
1646	AGAP007926-PA	668	76.0	hypothetical protein|protein_coding|3R:2917276-2919440:-1|gene:AGAP007926	13.47	22	8
1647	AGAP007927-PA	128	14.7	hypothetical protein|protein_coding|3R:2920433-2920903:1|gene:AGAP007927	53.91	95	8
1648	AGAP008018-PA	521	59.7	hypothetical protein|protein_coding|3R:4318878-4320869:1|gene:AGAP008018	19.39	13	8
1649	AGAP008021-PA	128	14.8	hypothetical protein|protein_coding|3R:4325889-4326344:1|gene:AGAP008021	64.84	30	8
1650	AGAP008086-PA	542	59.9	hypothetical protein|protein_coding|3R:5296191-5298020:-1|gene:AGAP008086	25.09	20	8
1651	AGAP008090-PA	2089	234.1	hypothetical protein|protein_coding|3R:5321021-5327623:-1|gene:AGAP008090	4.4	14	8
1652	AGAP008147-PA	506	55.8	hypothetical protein|protein_coding|3R:6187992-6189590:1|gene:AGAP008147	17.59	18	8
1653	AGAP008215-PA	141	16.4	hypothetical protein|protein_coding|3R:6961161-6961679:-1|gene:AGAP008215	38.3	66	8
1654	AGAP008252-PA	854	96.1	hypothetical protein|protein_coding|3R:7902577-7905530:-1|gene:AGAP008252	14.75	27	8
1655	AGAP008291-PA	274	29.8	Trypsin-5 Precursor (EC 3.4.21.4)|protein_coding|3R:8625813-8626637:1|gene:AGAP008291	35.04	97	8
1656	AGAP008293-PA	267	28.5	Trypsin-7 Precursor (EC 3.4.21.4)|protein_coding|3R:8629362-8630165:-1|gene:AGAP008293	42.7	172	8
1657	AGAP008502-PA	242	25.6	hypothetical protein|protein_coding|3R:11346538-11347407:1|gene:AGAP008502	45.45	63	8
1658	AGAP008512-PA	2838	310.2	hypothetical protein|protein_coding|3R:11475679-11504106:-1|gene:AGAP008512	3.28	15	8
1659	AGAP008544-PA	561	62.1	hypothetical protein|protein_coding|3R:12401761-12412183:-1|gene:AGAP008544	18.18	27	8
1660	AGAP008593-PA	604	67.8	hypothetical protein|protein_coding|3R:13451832-13453807:1|gene:AGAP008593	23.18	21	8

1661	AGAP008601-PA	611	69.2	hypothetical protein|protein_coding|3R:13502639-13504811:-1|gene:AGAP008601	18.17	9	8
1662	AGAP008822-PA	211	23.2	hypothetical protein|protein_coding|3R:18543275-18560889:1|gene:AGAP008822	41.71	46	8
1663	AGAP008909-PA	206	22.6	hypothetical protein|protein_coding|3R:20628255-20628875:-1|gene:AGAP008909	60.19	44	8
1664	AGAP009035-PA	315	34.8	hypothetical protein|protein_coding|3R:24399272-24401747:1|gene:AGAP009035	34.92	22	8
1665	AGAP009080-PA	521	57.5	hypothetical protein|protein_coding|3R:25447744-25449379:1|gene:AGAP009080	23.42	15	8
1666	AGAP009094-PA	446	49.3	hypothetical protein|protein_coding|3R:25571979-25573765:-1|gene:AGAP009094	28.03	17	8
1667	AGAP009171-PA	599	68.4	hypothetical protein|protein_coding|3R:28105049-28117321:1|gene:AGAP009171	16.69	15	8
1668	AGAP009194-PA	221	24.8	glutathione S-transferase, epsilon class|protein_coding|3R:28597751-28598580:-1|gene:AGAP009194	44.8	22	8
1669	AGAP009271-PA	229	24.9	hypothetical protein|protein_coding|3R:30419041-30419937:1|gene:AGAP009271	49.78	18	8
1670	AGAP009315-PA	1205	132.8	hypothetical protein|protein_coding|3R:31206795-31238455:1|gene:AGAP009315	10.29	19	8
1671	AGAP009379-PA	285	32.8	hypothetical protein|protein_coding|3R:31864516-31865543:1|gene:AGAP009379	37.19	29	8
1672	AGAP009491-PA	99	11.0	hypothetical protein|protein_coding|3R:34710853-34711314:1|gene:AGAP009491	60.61	103	8
1673	AGAP009502-PA	186	21.1	hypothetical protein|protein_coding|3R:34805842-34806467:1|gene:AGAP009502	67.2	181	8
1674	AGAP009649-PA	515	55.4	hypothetical protein|protein_coding|3R:37609653-37618770:1|gene:AGAP009649	23.69	117	8
1675	AGAP009691-PA	234	26.3	hypothetical protein|protein_coding|3R:38897141-38897907:1|gene:AGAP009691	41.45	63	8
1676	AGAP009725-PA	1325	147.5	hypothetical protein|protein_coding|3R:41575831-41640871:1|gene:AGAP009725	9.21	14	8
1677	AGAP009782-PA	377	41.9	hypothetical protein|protein_coding|3R:43264198-43265467:1|gene:AGAP009782	28.91	14	8
1678	AGAP010234-PA	878	97.6	hypothetical protein|protein_coding|3R:51336112-51339575:1|gene:AGAP010234	12.3	11	8

1679	AGAP010258-PA	509	58.0	hypothetical protein|protein_coding|3R:51717457-51719626:1|gene:AGAP010258	22.59	18	8
1680	AGAP010496-PA	258	29.8	hypothetical protein|protein_coding|3L:5046331-5047336:1|gene:AGAP010496	24.81	14	8
1681	AGAP010553-PA	643	69.7	hypothetical protein|protein_coding|3L:6298226-6306553:-1|gene:AGAP010553	17.88	17	8
1682	AGAP010591-PA	121	13.6	hypothetical protein|protein_coding|3L:6563738-6564687:-1|gene:AGAP010591	61.98	46	8
1683	AGAP010637-PA	386	43.2	hypothetical protein|protein_coding|3L:7796622-7797782:1|gene:AGAP010637	27.72	48	8
1684	AGAP010821-PA	363	40.4	hypothetical protein|protein_coding|3L:11334659-11337261:1|gene:AGAP010821	28.37	15	8
1685	AGAP010896-PA	1348	153.0	hypothetical protein|protein_coding|3L:12766054-12770599:1|gene:AGAP010896	8.01	22	8
1686	AGAP011052-PA	319	36.2	hypothetical protein|protein_coding|3L:15780405-15783130:1|gene:AGAP011052	30.72	32	8
1687	AGAP011066-PA	323	36.4	hypothetical protein|protein_coding|3L:16187554-16188651:1|gene:AGAP011066	30.65	13	8
1688	AGAP011328-PA	714	79.4	hypothetical protein|protein_coding|3L:21113952-21116656:1|gene:AGAP011328	19.47	14	8
1689	AGAP011423-PA	279	30.5	hypothetical protein|protein_coding|3L:24476383-24477302:1|gene:AGAP011423	37.63	26	8
1690	AGAP011477-PA	276	30.1	hypothetical protein|protein_coding|3L:25031127-25035747:-1|gene:AGAP011477	49.64	52	8
1691	AGAP011706-PA	151	17.0	hypothetical protein|protein_coding|3L:31717517-31718791:-1|gene:AGAP011706	50.99	39	8
1692	AGAP011828-PA	344	38.7	hypothetical protein|protein_coding|3L:33872511-33877105:1|gene:AGAP011828	32.56	50	8
1693	AGAP011829-PA	108	12.8	hypothetical protein|protein_coding|3L:33879971-33880456:-1|gene:AGAP011829	71.3	25	8
1694	AGAP012009-PA	2037	228.0	hypothetical protein|protein_coding|3L:36227929-36234488:1|gene:AGAP012009	5.55	10	8
1695	AGAP012038-PA	284	31.1	hypothetical protein|protein_coding|3L:36811650-36815716:-1|gene:AGAP012038	39.44	14	8
1696	AGAP012184-PA	108	11.6	hypothetical protein|protein_coding|3L:38473308-38473765:-1|gene:AGAP012184	84.26	46	8

1697	AGAP012235-PA	127	15.0	hypothetical protein|protein_coding|3L:39176832-39177414:1|gene:AGAP012235	64.57	15	8
1698	AGAP012291-PA	272	31.0	hypothetical protein|protein_coding|3L:39812373-39813188:1|gene:AGAP012291	37.87	26	8
1699	AGAP012292-PA	541	63.0	hypothetical protein|protein_coding|3L:39814949-39816679:1|gene:AGAP012292	17.74	14	8
1700	AGAP012294-PA	538	62.2	hypothetical protein|protein_coding|3L:39818918-39820604:1|gene:AGAP012294	16.17	18	8
1701	AGAP012424-PA	1318	149.9	insulin receptor|protein_coding|3L:41924090-41939037:1|gene:AGAP012424	9.18	16	8
1702	AGAP012515-PA	107	12.5	hypothetical protein|protein_coding|UNKN:10361647-10361970:-1|gene:AGAP012515	49.53	91	8
1703	AGAP012709-PA	135	15.2	hypothetical protein|protein_coding|UNKN:24531720-24532127:1|gene:AGAP012709	57.04	75	8
1704	AGAP012871-PA	67	7.5	hypothetical protein|protein_coding|UNKN:35222596-35222803:1|gene:AGAP012871	79.1	161	8
1705	AGAP012930-PA	106	12.1	hypothetical protein|protein_coding|UNKN:40397575-40397963:1|gene:AGAP012930	65.09	31	8
1706	AGAP012938-PA	294	32.8	hypothetical protein|protein_coding|UNKN:41201391-41202439:-1|gene:AGAP012938	35.71	40	8
1707	AGAP012946-PA	318	35.4	hypothetical protein|protein_coding|2R:40692916-40694073:1|gene:AGAP012946	33.65	28	8
1708	AGAP013161-PA	519	56.6	hypothetical protein|protein_coding|2R:20797831-20802135:-1|gene:AGAP013161	16.18	25	8
1709	AGAP013167-PA	445	49.6	hypothetical protein|protein_coding|2R:15145588-15147333:1|gene:AGAP013167	28.09	14	8
1710	AGAP013481-PD	156	18.3	hypothetical protein|protein_coding|2R:20929743-20934188:1|gene:AGAP013481	62.82	49	8
1711	AGAP013716-PA	271	29.5	hypothetical protein|protein_coding|3R:8493480-8494295:-1|gene:AGAP013716	43.54	284	8
1712	AGAP013742-PA	156	18.0	hypothetical protein|protein_coding|3R:3990466-3991025:-1|gene:AGAP013742	55.77	178	8
1713	AGAP000033-PA	1260	139.5	hypothetical protein|protein_coding|X:432496-439145:1|gene:AGAP000033	10.16	19	7
1714	AGAP000064-PA	1919	215.0	hypothetical protein|protein_coding|X:993391-1000544:1|gene:AGAP000064	5.84	17	7
1715	AGAP000150-PA	115	13.0	hypothetical protein|protein_coding|X:2405694-2406041:-1|gene:AGAP000150	48.7	223	7

1716	AGAP000188-PB	365	41.0	hypothetical protein|protein_coding|X:3076390-3080156:1|gene:AGAP000188	25.21	48	7
1717	AGAP000321-PB	626	69.2	hypothetical protein|protein_coding|X:5706423-5711189:1|gene:AGAP000321	18.85	19	7
1718	AGAP000364-PA	847	90.1	hypothetical protein|protein_coding|X:6757013-6759633:-1|gene:AGAP000364	10.86	15	7
1719	AGAP000513-PB	247	27.0	hypothetical protein|protein_coding|X:9095913-9096723:1|gene:AGAP000513	57.89	90	7
1720	AGAP000666-PA	990	108.3	hypothetical protein|protein_coding|X:11805260-11808358:1|gene:AGAP000666	10.71	13	7
1721	AGAP000705-PA	212	22.0	hypothetical protein|protein_coding|X:12629386-12630094:-1|gene:AGAP000705	62.26	15	7
1722	AGAP000733-PA	390	41.8	hypothetical protein|protein_coding|X:13412128-13413479:1|gene:AGAP000733	31.03	11	7
1723	AGAP000893-PA	2746	296.7	hypothetical protein|protein_coding|X:16803740-16812325:-1|gene:AGAP000893	4.22	23	7
1724	AGAP000927-PB	174	20.0	hypothetical protein|protein_coding|X:17496226-17496750:-1|gene:AGAP000927	51.15	20	7
1725	AGAP000969-PE	366	40.8	hypothetical protein|protein_coding|X:18590657-18605603:-1|gene:AGAP000969	27.6	21	7
1726	AGAP000987-PA	248	28.0	hypothetical protein|protein_coding|X:18933932-18935100:-1|gene:AGAP000987	38.31	14	7
1727	AGAP001004-PA	1152	128.8	Toll-like Receptor.|protein_coding|X:19057427-19061021:-1|gene:AGAP001004	9.29	14	7
1728	AGAP001032-PB	435	47.8	hypothetical protein|protein_coding|X:19781725-19784796:1|gene:AGAP001032	20.23	27	7
1729	AGAP001056-PA	153	17.7	hypothetical protein|protein_coding|X:21755830-21762593:-1|gene:AGAP001056	53.59	30	7
1730	AGAP001109-PA	709	79.3	hypothetical protein|protein_coding|2R:273177-285693:1|gene:AGAP001109	11.42	16	7
1731	AGAP001141-PB	1203	132.7	hypothetical protein|protein_coding|2R:582403-587705:1|gene:AGAP001141	7.07	14	7
1732	AGAP001157-PA	5495	601.4	hypothetical protein|protein_coding|2R:637422-655125:-1|gene:AGAP001157	1.67	11	7
1733	AGAP001306-PA	168	19.7	hypothetical protein|protein_coding|2R:2802451-2802957:1|gene:AGAP001306	54.76	14	7

1734	AGAP001380-PA	245	26.2	hypothetical protein|protein_coding|2R:4050620-4051677:-1|gene:AGAP001380	47.35	22	7
1735	AGAP001478-PA	966	108.4	hypothetical protein|protein_coding|2R:5390305-5394755:1|gene:AGAP001478	9.73	12	7
1736	AGAP001570-PA	832	87.8	hypothetical protein|protein_coding|2R:6347415-6352683:1|gene:AGAP001570	10.82	27	7
1737	AGAP001613-PA	343	38.9	hypothetical protein|protein_coding|2R:6816551-6817958:-1|gene:AGAP001613	31.78	16	7
1738	AGAP001645-PA	409	40.7	hypothetical protein|protein_coding|2R:7266902-7271352:1|gene:AGAP001645	23.47	25	7
1739	AGAP001804-PA	555	61.9	hypothetical protein|protein_coding|2R:10618305-10620047:1|gene:AGAP001804	17.66	15	7
1740	AGAP001819-PA	231	25.3	hypothetical protein|protein_coding|2R:10870051-10870828:1|gene:AGAP001819	38.53	25	7
1741	AGAP001943-PA	860	94.9	hypothetical protein|protein_coding|2R:12685149-12690048:-1|gene:AGAP001943	17.09	12	7
1742	AGAP001966-PA	625	68.7	hypothetical protein|protein_coding|2R:12979789-12982104:-1|gene:AGAP001966	9.6	17	7
1743	AGAP002056-PA	629	71.1	hypothetical protein|protein_coding|2R:14682922-14685493:1|gene:AGAP002056	15.58	16	7
1744	AGAP002127-PA	376	42.6	hypothetical protein|protein_coding|2R:16089344-16091375:-1|gene:AGAP002127	30.85	11	7
1745	AGAP002137-PA	440	51.1	hypothetical protein|protein_coding|2R:16392370-16393769:1|gene:AGAP002137	21.14	20	7
1746	AGAP002185-PA	363	40.7	hypothetical protein|protein_coding|2R:17212453-17213704:-1|gene:AGAP002185	25.9	16	7
1747	AGAP002356-PA	365	41.7	hypothetical protein|protein_coding|2R:20593242-20594768:-1|gene:AGAP002356	28.22	30	7
1748	AGAP002396-PA	778	87.7	hypothetical protein|protein_coding|2R:20906501-20909318:1|gene:AGAP002396	11.44	19	7
1749	AGAP002477-PA	133	15.2	hypothetical protein|protein_coding|2R:21861926-21862534:1|gene:AGAP002477	61.65	19	7
1750	AGAP002520-PA	252	26.5	hypothetical protein|protein_coding|2R:22321444-22322202:1|gene:AGAP002520	55.95	23	7
1751	AGAP002534-PB	233	24.7	hypothetical protein|protein_coding|2R:22450430-22451514:-1|gene:AGAP002534	57.08	31	7

1752	AGAP002541-PA	367	41.2	hypothetical protein|protein_coding|2R:22481289-22482767:1|gene:AGAP002541	26.16	18	7
1753	AGAP002693-PA	613	69.3	hypothetical protein|protein_coding|2R:25664236-25666159:-1|gene:AGAP002693	15.66	11	7
1754	AGAP002721-PA	392	45.4	Tryptophan 2,3-dioxygenase (TDO)(EC 1.13.11.11)(Tryptophan pyrrolase)(Tryptophanase)(Tryptophan oxygenase)(TRPO)(TO)(Tryptamin 2,3-dioxygenase)|protein_coding|2R:26235432-26238416:-1|gene:AGAP002721	23.21	11	7
1755	AGAP002798-PA	391	43.7	Gram-Negative Binding Protein (GNBP), or Beta-1,3-Glucan Binding Protein (BGBP).|protein_coding|2R:27645889-27647134:-1|gene:AGAP002798	27.62	21	7
1756	AGAP002859-PA	939	103.7	hypothetical protein|protein_coding|2R:28421099-28511124:1|gene:AGAP002859	9.58	28	7
1757	AGAP002889-PA	114	12.8	hypothetical protein|protein_coding|2R:28938212-28938750:-1|gene:AGAP002889	57.02	135	7
1758	AGAP003025-PB	112	11.3	hypothetical protein|protein_coding|2R:31233690-31234110:-1|gene:AGAP003025	72.32	45	7
1759	AGAP003074-PB	285	31.0	hypothetical protein|protein_coding|2R:32125481-32126401:-1|gene:AGAP003074	31.58	17	7
1760	AGAP003083-PA	428	48.0	hypothetical protein|protein_coding|2R:32307324-32308817:-1|gene:AGAP003083	22.66	56	7
1761	AGAP003085-PA	484	57.2	hypothetical protein|protein_coding|2R:32329882-32331426:1|gene:AGAP003085	16.94	26	7
1762	AGAP003093-PA	361	40.1	hypothetical protein|protein_coding|2R:32415560-32416781:1|gene:AGAP003093	25.21	12	7
1763	AGAP003204-PA	722	79.5	hypothetical protein|protein_coding|2R:33819988-33822788:-1|gene:AGAP003204	19.39	41	7
1764	AGAP003220-PA	424	48.8	hypothetical protein|protein_coding|2R:34014570-34016076:-1|gene:AGAP003220	21.7	11	7
1765	AGAP003229-PA	331	34.8	hypothetical protein|protein_coding|2R:34052961-34054158:-1|gene:AGAP003229	43.81	21	7
1766	AGAP003328-PA	124	14.9	hypothetical protein|protein_coding|2R:36027641-36028177:1|gene:AGAP003328	57.26	12	7
1767	AGAP003331-PB	295	32.7	Enolase-phosphatase E1 (EC 3.1.3.77)(2,3-diketo-5-methylthio-1-phosphopentane phosphatase)|protein_coding|2R:36116137-36121813:-1|gene:AGAP003331	34.58	16	7
1768	AGAP003367-PA	97	11.1	hypothetical protein|protein_coding|2R:36893208-36893713:1|gene:AGAP003367	61.86	24	7

1769	AGAP003559-PA	741	80.5	hypothetical protein|protein_coding|2R:39466063-39521816:-1|gene:AGAP003559	11.88	12	7
1770	AGAP003582-PA	364	38.9	hypothetical protein|protein_coding|2R:40337287-40338462:-1|gene:AGAP003582	23.63	70	7
1771	AGAP003638-PA	1748	188.9	hypothetical protein|protein_coding|2R:40870723-40876194:1|gene:AGAP003638	6.41	9	7
1772	AGAP003735-PA	1323	141.7	hypothetical protein|protein_coding|2R:42726554-42755371:1|gene:AGAP003735	9.75	27	7
1773	AGAP003824-PA	719	81.0	hypothetical protein|protein_coding|2R:43796686-43799005:1|gene:AGAP003824	10.57	10	7
1774	AGAP003848-PA	494	56.0	hypothetical protein|protein_coding|2R:44354642-44356588:1|gene:AGAP003848	20.45	10	7
1775	AGAP003937-PA	303	33.7	hypothetical protein|protein_coding|2R:46547001-46549547:-1|gene:AGAP003937	32.01	21	7
1776	AGAP003945-PA	601	65.1	hypothetical protein|protein_coding|2R:46708274-46742083:-1|gene:AGAP003945	16.47	16	7
1777	AGAP003992-PA	1199	136.6	hypothetical protein|protein_coding|2R:47596895-47600734:1|gene:AGAP003992	7.76	9	7
1778	AGAP004243-PA	525	58.4	hypothetical protein|protein_coding|2R:52978544-52980280:1|gene:AGAP004243	21.14	29	7
1779	AGAP004349-PA	190	20.2	hypothetical protein|protein_coding|2R:54936322-54937955:-1|gene:AGAP004349	37.37	46	7
1780	AGAP004376-PA	441	48.1	hypothetical protein|protein_coding|2R:55498037-55499497:1|gene:AGAP004376	23.81	16	7
1781	AGAP004484-PA	132	14.6	hypothetical protein|protein_coding|2R:56831152-56832179:1|gene:AGAP004484	58.33	68	7
1782	AGAP004529-PA	242	27.8	hypothetical protein|protein_coding|2R:57395568-57396443:1|gene:AGAP004529	37.19	25	7
1783	AGAP004758-PB	443	46.7	hypothetical protein|protein_coding|2L:3070767-3072193:-1|gene:AGAP004758	27.31	20	7
1784	AGAP004762-PA	308	35.0	hypothetical protein|protein_coding|2L:3151046-3152142:1|gene:AGAP004762	25.65	21	7
1785	AGAP004765-PA	728	81.3	hypothetical protein|protein_coding|2L:3156536-3158788:1|gene:AGAP004765	17.31	17	7
1786	AGAP004812-PA	893	97.7	hypothetical protein|protein_coding|2L:3803387-3807311:-1|gene:AGAP004812	12.65	13	7

1787	AGAP004882-PA	603	69.7	hypothetical protein|protein_coding|2L:4935466-4944652:-1|gene:AGAP004882	10.45	19	7
1788	AGAP005109-PA	122	13.6	hypothetical protein|protein_coding|2L:10202875-10203427:-1|gene:AGAP005109	70.49	15	7
1789	AGAP005144-PA	327	36.9	hypothetical protein|protein_coding|2L:10488204-10489489:1|gene:AGAP005144	28.75	10	7
1790	AGAP005193-PA	1995	225.8	hypothetical protein|protein_coding|2L:12161061-12167511:1|gene:AGAP005193	4.36	10	7
1791	AGAP005234-PB	171	17.7	Copper-Zinc (Cu-Zn) Superoxide Dismutase.|protein_coding|2L:12659078-12660566:-1|gene:AGAP005234	45.03	38	7
1792	AGAP005316-PA	225	25.4	hypothetical protein|protein_coding|2L:14020901-14021993:-1|gene:AGAP005316	49.78	12	7
1793	AGAP005327-PA	138	14.5	hypothetical protein|protein_coding|2L:14114698-14115469:1|gene:AGAP005327	80.43	56	7
1794	AGAP005400-PB	244	27.8	hypothetical protein|protein_coding|2L:15065734-15074220:1|gene:AGAP005400	40.98	18	7
1795	AGAP005402-PA	140	16.6	hypothetical protein|protein_coding|2L:15084597-15085227:1|gene:AGAP005402	51.43	13	7
1796	AGAP005418-PA	329	36.2	hypothetical protein|protein_coding|2L:15361431-15362731:-1|gene:AGAP005418	37.99	13	7
1797	AGAP005459-PA	136	14.6	cuticular protein 16, RR-1 family|protein_coding|2L:15797749-15801337:1|gene:AGAP005459	60.29	568	7
1798	AGAP005544-PA	523	58.8	hypothetical protein|protein_coding|2L:16878497-16880232:-1|gene:AGAP005544	18.93	25	7
1799	AGAP005693-PA	437	48.7	hypothetical protein|protein_coding|2L:18785298-18786851:1|gene:AGAP005693	24.03	19	7
1800	AGAP005790-PA	251	28.1	hypothetical protein|protein_coding|2L:20714240-20714995:-1|gene:AGAP005790	38.65	50	7
1801	AGAP005809-PA	273	30.4	hypothetical protein|protein_coding|2L:21620403-21622494:-1|gene:AGAP005809	39.19	17	7
1802	AGAP005972-PA	320	36.2	hypothetical protein|protein_coding|2L:24336263-24337539:1|gene:AGAP005972	25.62	16	7
1803	AGAP006001-PA	106	11.5	cuticular protein 26, RR-1 family|protein_coding|2L:24626409-24626870:-1|gene:AGAP006001	76.42	266	7
1804	AGAP006017-PA	1002	108.3	hypothetical protein|protein_coding|2L:24690401-24699443:-1|gene:AGAP006017	10.98	13	7

1805	AGAP006103-PA	145	15.9	hypothetical protein|protein_coding|2L:26688670-26689400:1|gene:AGAP006103	62.76	158	7
1806	AGAP006108-PA	402	43.8	hypothetical protein|protein_coding|2L:26767104-26768312:1|gene:AGAP006108	26.37	31	7
1807	AGAP006134-PA	242	27.6	hypothetical protein|protein_coding|2L:27071569-27072371:-1|gene:AGAP006134	28.1	31	7
1808	AGAP006246-PA	209	23.7	hypothetical protein|protein_coding|2L:28604365-28605425:-1|gene:AGAP006246	42.58	32	7
1809	AGAP006433-PA	294	33.6	hypothetical protein|protein_coding|2L:31791914-31792798:-1|gene:AGAP006433	50.34	173	7
1810	AGAP006487-PA	281	30.4	hypothetical protein|protein_coding|2L:32884885-32885730:1|gene:AGAP006487	40.21	40	7
1811	AGAP006508-PA	499	56.2	hypothetical protein|protein_coding|2L:33177521-33202462:-1|gene:AGAP006508	23.65	19	7
1812	AGAP006570-PA	274	29.9	hypothetical protein|protein_coding|2L:34169201-34170252:1|gene:AGAP006570	30.66	14	7
1813	AGAP006652-PA	2169	225.5	hypothetical protein|protein_coding|2L:35683643-35693306:1|gene:AGAP006652	4.52	16	7
1814	AGAP006733-PA	271	27.8	hypothetical protein|protein_coding|2L:37415493-37418989:1|gene:AGAP006733	39.48	38	7
1815	AGAP006778-PA	519	56.8	hypothetical protein|protein_coding|2L:38166762-38168649:-1|gene:AGAP006778	18.3	16	7
1816	AGAP006885-PA	2388	279.0	hypothetical protein|protein_coding|2L:39355321-39363441:1|gene:AGAP006885	3.69	19	7
1817	AGAP006948-PA	225	24.3	hypothetical protein|protein_coding|2L:40202381-40203220:-1|gene:AGAP006948	45.33	38	7
1818	AGAP007029-PA	522	58.4	hypothetical protein|protein_coding|2L:41052444-41054233:1|gene:AGAP007029	18.58	31	7
1819	AGAP007050-PA	652	75.1	hypothetical protein|protein_coding|2L:41829053-41831327:-1|gene:AGAP007050	12.42	13	7
1820	AGAP007104-PA	443	50.4	hypothetical protein|protein_coding|2L:42784836-42792533:-1|gene:AGAP007104	25.96	44	7
1821	AGAP007247-PC	190	21.8	hypothetical protein|protein_coding|2L:44619841-44628520:1|gene:AGAP007247	42.63	35	7
1822	AGAP007248-PA	186	21.3	hypothetical protein|protein_coding|2L:44577826-44610983:1|gene:AGAP007248	60.22	32	7

1823	AGAP007252-PA	305	32.9	hypothetical protein|protein_coding|2L:44661593-44662510:1|gene:AGAP007252	32.13	18	7
1824	AGAP007299-PA	574	64.7	hypothetical protein|protein_coding|2L:45090195-45095641:-1|gene:AGAP007299	19.16	22	7
1825	AGAP007310-PA	478	53.3	hypothetical protein|protein_coding|2L:45262504-45264622:1|gene:AGAP007310	22.18	10	7
1826	AGAP007339-PA	150	17.2	hypothetical protein|protein_coding|2L:45705179-45709781:-1|gene:AGAP007339	56	24	7
1827	AGAP007380-PA	155	17.0	hypothetical protein|protein_coding|2L:46200501-46200968:-1|gene:AGAP007380	29.68	24	7
1828	AGAP007422-PA	1036	110.6	hypothetical protein|protein_coding|2L:46555886-46559055:-1|gene:AGAP007422	13.8	13	7
1829	AGAP007500-PA	383	41.7	hypothetical protein|protein_coding|2L:46930799-46956025:1|gene:AGAP007500	33.94	38	7
1830	AGAP007596-PA	700	76.1	hypothetical protein|protein_coding|2L:48103809-48113699:-1|gene:AGAP007596	14.29	22	7
1831	AGAP007666-PA	215	24.0	hypothetical protein|protein_coding|2L:48867288-48868077:-1|gene:AGAP007666	49.3	73	7
1832	AGAP007777-PA	541	60.1	hypothetical protein|protein_coding|3R:739276-742427:-1|gene:AGAP007777	13.86	11	7
1833	AGAP007806-PB	153	17.6	hypothetical protein|protein_coding|3R:1259267-1260438:-1|gene:AGAP007806	69.93	26	7
1834	AGAP008000-PA	288	31.0	hypothetical protein|protein_coding|3R:3987934-3988800:1|gene:AGAP008000	44.1	28	7
1835	AGAP008006-PA	473	52.3	hypothetical protein|protein_coding|3R:4009436-4011846:-1|gene:AGAP008006	19.03	22	7
1836	AGAP008140-PA	501	53.0	hypothetical protein|protein_coding|3R:6118843-6120518:-1|gene:AGAP008140	15.97	57	7
1837	AGAP008165-PB	313	36.8	hypothetical protein|protein_coding|3R:6283941-6286036:-1|gene:AGAP008165	23.64	14	7
1838	AGAP008276-PA	272	29.7	hypothetical protein|protein_coding|3R:8489126-8489944:-1|gene:AGAP008276	34.19	107	7
1839	AGAP008283-PA	169	18.6	hypothetical protein|protein_coding|3R:8561589-8562220:-1|gene:AGAP008283	45.56	217	7
1840	AGAP008311-PA	103	11.3	hypothetical protein|protein_coding|3R:8857253-8860451:1|gene:AGAP008311	66.02	21	7

1841	AGAP008401-PA	1042	119.5	hypothetical protein|protein_coding|3R:10348621-10355222:1|gene:AGAP008401	8.45	12	7
1842	AGAP008468-PA	2370	262.4	hypothetical protein|protein_coding|3R:10918682-10933361:1|gene:AGAP008468	5.23	13	7
1843	AGAP008499-PA	277	31.2	hypothetical protein|protein_coding|3R:11338929-11339887:1|gene:AGAP008499	30.69	17	7
1844	AGAP008557-PA	594	65.6	hypothetical protein|protein_coding|3R:12704293-12711498:-1|gene:AGAP008557	14.14	39	7
1845	AGAP008639-PA	1010	110.5	hypothetical protein|protein_coding|3R:13812163-13817050:1|gene:AGAP008639	10.4	20	7
1846	AGAP008653-PA	143	17.0	hypothetical protein|protein_coding|3R:14061917-14062620:1|gene:AGAP008653	49.65	23	7
1847	AGAP008719-PA	162	18.4	hypothetical protein|protein_coding|3R:16020685-16021173:1|gene:AGAP008719	56.17	22	7
1848	AGAP008804-PA	304	33.2	hypothetical protein|protein_coding|3R:18063429-18064573:1|gene:AGAP008804	34.54	17	7
1849	AGAP008813-PA	1247	141.0	hypothetical protein|protein_coding|3R:18183948-18194958:-1|gene:AGAP008813	8.74	15	7
1850	AGAP008830-PA	913	104.5	hypothetical protein|protein_coding|3R:19101196-19117648:-1|gene:AGAP008830	11.61	12	7
1851	AGAP008842-PA	250	26.0	Aquaporin AQPAn.G|protein_coding|3R:19307893-19344484:-1|gene:AGAP008842	29.2	165	7
1852	AGAP008915-PA	586	63.8	hypothetical protein|protein_coding|3R:20772694-20790836:1|gene:AGAP008915	16.89	26	7
1853	AGAP009072-PA	125	13.9	hypothetical protein|protein_coding|3R:25418897-25419488:1|gene:AGAP009072	60.8	39	7
1854	AGAP009143-PA	3032	341.2	Class A Scavenger Receptor (SRCR domain) with C-Type Lectin domain.|protein_coding|3R:27410675-27428759:1|gene:AGAP009143	2.7	17	7
1855	AGAP009193-PA	225	25.3	glutathione S-transferase, epsilon class|protein_coding|3R:28596074-28596816:-1|gene:AGAP009193	55.11	18	7
1856	AGAP009234-PA	323	35.2	hypothetical protein|protein_coding|3R:29062858-29063911:1|gene:AGAP009234	26.01	12	7
1857	AGAP009305-PA	273	31.0	Glucosamine-6-phosphate isomerase (EC 3.5.99.6)(Glucosamine-6-phosphate deaminase)(GlcN6P deaminase)(GNPDA)|protein_coding|3R:31021580-31023617:1|gene:AGAP009305	47.62	21	7

1858	AGAP009313-PA	247	26.3	hypothetical protein|protein_coding|3R:31186368-31187253:1|gene:AGAP009313	40.89	41	7
1859	AGAP009324-PA	134	15.5	hypothetical protein|protein_coding|3R:31268923-31270109:-1|gene:AGAP009324	48.51	44	7
1860	AGAP009347-PA	450	50.4	hypothetical protein|protein_coding|3R:31574719-31576882:-1|gene:AGAP009347	19.33	19	7
1861	AGAP009496-PA	604	64.5	hypothetical protein|protein_coding|3R:34737346-34741678:1|gene:AGAP009496	14.07	13	7
1862	AGAP009551-PA	264	31.5	hypothetical protein|protein_coding|3R:36043423-36044360:-1|gene:AGAP009551	32.95	32	7
1863	AGAP009602-PA	165	19.1	hypothetical protein|protein_coding|3R:36953867-36954590:1|gene:AGAP009602	48.48	23	7
1864	AGAP009633-PA	245	25.9	hypothetical protein|protein_coding|3R:37348702-37349608:-1|gene:AGAP009633	31.02	26	7
1865	AGAP009667-PA	414	47.9	hypothetical protein|protein_coding|3R:38038133-38039594:-1|gene:AGAP009667	18.6	9	7
1866	AGAP009736-PA	1102	122.6	hypothetical protein|protein_coding|3R:42036462-42046551:1|gene:AGAP009736	7.8	25	7
1867	AGAP009758-PA	349	39.7	hypothetical protein|protein_coding|3R:42403991-42405781:-1|gene:AGAP009758	22.64	16	7
1868	AGAP009768-PA	624	69.0	hypothetical protein|protein_coding|3R:42645625-42647745:1|gene:AGAP009768	12.02	41	7
1869	AGAP009798-PA	959	108.5	hypothetical protein|protein_coding|3R:43564933-43570591:-1|gene:AGAP009798	7.92	13	7
1870	AGAP009808-PA	510	56.4	hypothetical protein|protein_coding|3R:43709396-43711004:1|gene:AGAP009808	17.25	21	7
1871	AGAP009904-PA	438	49.8	hypothetical protein|protein_coding|3R:45183296-45184666:-1|gene:AGAP009904	19.18	16	7
1872	AGAP009968-PA	237	28.3	hypothetical protein|protein_coding|3R:46899929-46900642:-1|gene:AGAP009968	31.22	11	7
1873	AGAP010011-PA	295	33.9	hypothetical protein|protein_coding|3R:47581200-47582329:-1|gene:AGAP010011	32.2	12	7
1874	AGAP010193-PA	236	27.0	C-Type Lectin (CTL) - galactose binding.|protein_coding|3R:50407277-50410500:1|gene:AGAP010193	38.98	43	7
1875	AGAP010260-PA	198	21.7	hypothetical protein|protein_coding|3R:51754135-51755481:1|gene:AGAP010260	45.45	48	7

1876	AGAP010264-PA	1355	147.4	hypothetical protein|protein_coding|3R:51803373-51808103:1|gene:AGAP010264	8.19	12	7
1877	AGAP010431-PA	892	101.8	hypothetical protein|protein_coding|3L:3260597-3267672:-1|gene:AGAP010431	13.68	14	7
1878	AGAP010557-PA	231	26.5	hypothetical protein|protein_coding|3L:6369916-6370774:-1|gene:AGAP010557	23.38	17	7
1879	AGAP010723-PA	423	48.2	hypothetical protein|protein_coding|3L:8989863-8991265:1|gene:AGAP010723	23.17	15	7
1880	AGAP010900-PA	238	24.6	cuticular protein 1 from fifty-one aa family|protein_coding|3L:12795536-12796331:-1|gene:AGAP010900	32.35	197	7
1881	AGAP010935-PA	328	35.7	hypothetical protein|protein_coding|3L:13364389-13365731:-1|gene:AGAP010935	33.23	18	7
1882	AGAP011105-PA	275	30.8	hypothetical protein|protein_coding|3L:16995322-16999221:-1|gene:AGAP011105	33.09	21	7
1883	AGAP011107-PA	112	12.3	AGAP011107-PA|glutaredoxin|protein_coding|3L:17002432-17003006:-1|gene:AGAP011107	56.25	32	7
1884	AGAP011157-PA	170	19.2	hypothetical protein|protein_coding|3L:18105562-18107018:-1|gene:AGAP011157	38.24	44	7
1885	AGAP011193-PA	194	19.6	hypothetical protein|protein_coding|3L:18930620-18931201:-1|gene:AGAP011193	29.38	14	7
1886	AGAP011281-PA	315	35.3	hypothetical protein|protein_coding|3L:20532388-20533809:1|gene:AGAP011281	20.95	15	7
1887	AGAP011300-PA	321	35.5	hypothetical protein|protein_coding|3L:20695958-20701761:1|gene:AGAP011300	34.27	43	7
1888	AGAP011358-PA	660	74.7	hypothetical protein|protein_coding|3L:21847951-21850145:-1|gene:AGAP011358	13.64	11	7
1889	AGAP011374-PA	422	48.4	hypothetical protein|protein_coding|3L:22427877-22429288:-1|gene:AGAP011374	23.7	16	7
1890	AGAP011447-PA	419	46.6	hypothetical protein|protein_coding|3L:24774974-24777906:-1|gene:AGAP011447	15.27	35	7
1891	AGAP011478-PA	278	30.7	hypothetical protein|protein_coding|3L:25038532-25049055:-1|gene:AGAP011478	37.77	15	7
1892	AGAP011687-PA	136	16.0	hypothetical protein|protein_coding|3L:31393751-31394263:-1|gene:AGAP011687	50.74	31	7
1893	AGAP011700-PA	205	23.2	hypothetical protein|protein_coding|3L:31627161-31630483:1|gene:AGAP011700	35.12	28	7

1894	AGAP011729-PA	332	36.5	hypothetical protein|protein_coding|3L:32595068-32615939:1|gene:AGAP011729	24.1	38	7
1895	AGAP011768-PA	211	24.4	hypothetical protein|protein_coding|3L:33034164-33059444:-1|gene:AGAP011768	36.97	21	7
1896	AGAP011803-PA	456	53.0	hypothetical protein|protein_coding|3L:33338853-33340291:1|gene:AGAP011803	24.12	18	7
1897	AGAP012295-PA	533	61.7	cytochrome P450|protein_coding|3L:39820960-39822628:1|gene:AGAP012295	18.2	18	7
1898	AGAP012317-PA	458	51.7	hypothetical protein|protein_coding|3L:40162985-40164361:-1|gene:AGAP012317	18.34	49	7
1899	AGAP012445-PA	277	31.3	hypothetical protein|protein_coding|UNKN:1233022-1242299:1|gene:AGAP012445	34.3	57	7
1900	AGAP012650-PA	261	29.1	hypothetical protein|protein_coding|UNKN:22414748-22415609:1|gene:AGAP012650	43.3	12	7
1901	AGAP012717-PA	211	24.6	hypothetical protein|protein_coding|UNKN:24915268-24916389:-1|gene:AGAP012717	45.02	20	7
1902	AGAP012896-PA	202	22.5	hypothetical protein|protein_coding|UNKN:37143860-37144614:-1|gene:AGAP012896	48.51	12	7
1903	AGAP013036-PA	236	26.1	hypothetical protein|protein_coding|2R:14545813-14546609:-1|gene:AGAP013036	38.56	74	7
1904	AGAP013092-PA	76	9.0	hypothetical protein|protein_coding|2L:32610405-32610635:-1|gene:AGAP013092	88.16	80	7
1905	AGAP013308-PA	262	25.2	hypothetical protein|protein_coding|X:7746913-7748009:-1|gene:AGAP013308	35.5	148	7
1906	AGAP013318-PA	210	23.2	hypothetical protein|protein_coding|2R:23665044-23665873:1|gene:AGAP013318	31.9	19	7
1907	AGAP013319-PA	365	34.9	hypothetical protein|protein_coding|X:7752088-7753921:-1|gene:AGAP013319	25.48	148	7
1908	AGAP013346-PA	422	49.0	hypothetical protein|protein_coding|2R:43102951-43104355:-1|gene:AGAP013346	22.99	29	7
1909	AGAP013423-PA	393	42.7	hypothetical protein|protein_coding|2R:47694883-47696137:-1|gene:AGAP013423	23.92	266	7
1910	AGAP013429-PA	628	68.7	hypothetical protein|protein_coding|2R:12982942-12985117:-1|gene:AGAP013429	9.55	42	7
1911	AGAP013463-PA	922	104.4	hypothetical protein|protein_coding|2R:17414384-17421150:1|gene:AGAP013463	10.52	15	7

1912	AGAP000086-PB	229	23.7	hypothetical protein|protein_coding|X:1448592-1451227:-1|gene:AGAP000086	52.4	28	6
1913	AGAP000106-PA	471	51.1	hypothetical protein|protein_coding|X:1753025-1764617:1|gene:AGAP000106	21.44	11	6
1914	AGAP000162-PA	537	58.7	hypothetical protein|protein_coding|X:2832497-2836070:-1|gene:AGAP000162	13.22	24	6
1915	AGAP000195-PA	1287	148.2	hypothetical protein|protein_coding|X:3202676-3209237:-1|gene:AGAP000195	6.68	9	6
1916	AGAP000248-PA	600	64.9	hypothetical protein|protein_coding|X:4572839-4574704:1|gene:AGAP000248	14.17	9	6
1917	AGAP000341-PA	325	35.9	AGAP000341-PA|Galectin.|protein_coding|X:5898219-5899432:-1|gene:AGAP000341	23.38	16	6
1918	AGAP000439-PA	194	21.6	hypothetical protein|protein_coding|X:7768426-7769418:1|gene:AGAP000439	43.3	17	6
1919	AGAP000454-PA	617	67.9	hypothetical protein|protein_coding|X:7936104-7938841:1|gene:AGAP000454	16.53	11	6
1920	AGAP000457-PB	227	25.0	hypothetical protein|protein_coding|X:7931088-7934574:-1|gene:AGAP000457	44.05	10	6
1921	AGAP000546-PA	89	10.0	hypothetical protein|protein_coding|X:9828286-9828754:1|gene:AGAP000546	78.65	46	6
1922	AGAP000558-PB	696	77.7	hypothetical protein|protein_coding|X:9898645-9925996:1|gene:AGAP000558	14.8	14	6
1923	AGAP000596-PC	522	58.9	hypothetical protein|protein_coding|X:10655941-10670604:-1|gene:AGAP000596	18.39	13	6
1924	AGAP000627-PB	331	38.8	hypothetical protein|protein_coding|X:11286080-11288524:1|gene:AGAP000627	22.96	10	6
1925	AGAP000649-PA	297	32.4	hypothetical protein|protein_coding|X:11597883-11598998:-1|gene:AGAP000649	37.71	11	6
1926	AGAP000662-PC	689	71.8	hypothetical protein|protein_coding|X:11767987-11772415:1|gene:AGAP000662	13.93	13	6
1927	AGAP000669-PA	76	9.2	hypothetical protein|protein_coding|X:11840462-11840786:-1|gene:AGAP000669	57.89	86	6
1928	AGAP000671-PA	204	23.2	hypothetical protein|protein_coding|X:11847967-11853440:-1|gene:AGAP000671	30.88	52	6
1929	AGAP000697-PB	258	27.4	hypothetical protein|protein_coding|X:12523969-12536552:1|gene:AGAP000697	24.81	16	6

1930	AGAP000708-PA	1244	139.0	hypothetical protein|protein_coding|X:12682362-12697813:1|gene:AGAP000708	7.4	9	6
1931	AGAP000851-PA	110	12.4	hypothetical protein|protein_coding|X:15724507-15725070:-1|gene:AGAP000851	72.73	204	6
1932	AGAP000882-PA	345	39.1	hypothetical protein|protein_coding|X:16708717-16709891:-1|gene:AGAP000882	19.42	22	6
1933	AGAP000889-PA	163	18.4	hypothetical protein|protein_coding|X:16748741-16756535:1|gene:AGAP000889	42.94	53	6
1934	AGAP000947-PA	233	26.0	glutathione transferase|protein_coding|X:18315448-18316253:-1|gene:AGAP000947	46.35	10	6
1935	AGAP000968-PA	627	72.3	hypothetical protein|protein_coding|X:18582514-18585274:-1|gene:AGAP000968	10.85	9	6
1936	AGAP000994-PA	481	53.1	hypothetical protein|protein_coding|X:18982957-18984743:1|gene:AGAP000994	18.71	14	6
1937	AGAP001069-PA	270	30.6	hypothetical protein|protein_coding|X:22455323-22488001:-1|gene:AGAP001069	24.07	44	6
1938	AGAP001140-PA	1734	194.0	hypothetical protein|protein_coding|2R:572956-578806:-1|gene:AGAP001140	6.34	8	6
1939	AGAP001211-PA	208	23.9	hypothetical protein|protein_coding|2R:1586093-1588821:1|gene:AGAP001211	27.4	39	6
1940	AGAP001346-PA	211	22.7	hypothetical protein|protein_coding|2R:3380636-3381809:1|gene:AGAP001346	39.81	32	6
1941	AGAP001366-PA	563	62.9	hypothetical protein|protein_coding|2R:3585064-3587099:-1|gene:AGAP001366	13.32	8	6
1942	AGAP001469-PA	1181	133.6	hypothetical protein|protein_coding|2R:5341315-5350782:1|gene:AGAP001469	5.67	11	6
1943	AGAP001476-PA	370	43.1	hypothetical protein|protein_coding|2R:5379031-5380414:-1|gene:AGAP001476	23.51	35	6
1944	AGAP001675-PA	372	43.4	hypothetical protein|protein_coding|2R:7856332-7857590:1|gene:AGAP001675	20.43	17	6
1945	AGAP001712-PA	178	20.4	hypothetical protein|protein_coding|2R:8859374-8860116:-1|gene:AGAP001712	51.69	24	6
1946	AGAP001734-PA	707	78.9	hypothetical protein|protein_coding|2R:9093555-9095845:1|gene:AGAP001734	13.15	13	6
1947	AGAP001874-PA	184	20.7	hypothetical protein|protein_coding|2R:11749658-11769774:-1|gene:AGAP001874	45.65	10	6

1948	AGAP001914-PA	392	45.9	hypothetical protein|protein_coding|2R:12025892-12027195:1|gene:AGAP001914	25.51	18	6
1949	AGAP001959-PA	371	39.0	hypothetical protein|protein_coding|2R:12841643-12842758:1|gene:AGAP001959	22.37	21	6
1950	AGAP001971-PA	1065	119.7	hypothetical protein|protein_coding|2R:12996050-12999247:1|gene:AGAP001971	77.56	48	6
1951	AGAP001973-PA	253	27.6	hypothetical protein|protein_coding|2R:13002556-13003765:1|gene:AGAP001973	35.97	16	6
1952	AGAP001986-PA	651	73.5	hypothetical protein|protein_coding|2R:13187422-13207752:1|gene:AGAP001986	16.59	8	6
1953	AGAP002078-PA	123	13.7	hypothetical protein|protein_coding|2R:14833901-14834272:1|gene:AGAP002078	70.73	12	6
1954	AGAP002085-PA	159	17.0	hypothetical protein|protein_coding|2R:15138130-15143602:1|gene:AGAP002085	49.69	112	6
1955	AGAP002129-PA	303	33.9	hypothetical protein|protein_coding|2R:16094495-16095406:-1|gene:AGAP002129	25.74	10	6
1956	AGAP002130-PA	114	13.1	hypothetical protein|protein_coding|2R:16096238-16096681:1|gene:AGAP002130	59.65	8	6
1957	AGAP002154-PA	1052	116.7	hypothetical protein|protein_coding|2R:16543034-16547695:-1|gene:AGAP002154	8.46	14	6
1958	AGAP002176-PA	655	71.7	hypothetical protein|protein_coding|2R:16903386-16910362:1|gene:AGAP002176	12.37	25	6
1959	AGAP002219-PA	190	21.6	hypothetical protein|protein_coding|2R:17699429-17701188:-1|gene:AGAP002219	46.84	15	6
1960	AGAP002227-PA	241	27.8	hypothetical protein|protein_coding|2R:17787674-17788593:-1|gene:AGAP002227	38.17	11	6
1961	AGAP002243-PA	1136	124.4	hypothetical protein|protein_coding|2R:18069856-18082611:1|gene:AGAP002243	7.66	11	6
1962	AGAP002292-PA	187	20.9	PBAN-type neuropeptides Precursor (Pheromone/pyrokinin biosynthesis-activating neuropeptide) [Contains AAAMWFGPRL-amide(Pyrokinin-1);PQPIFYHTTSPRL-amide;DSVGENHQRPPFAPRL-amide(Pyrokinin-2);NLPFSPRL-amide(Pyrokinin-3)]|protein_coding|2R:18670091-18670818:-1|gene:AGAP002292	49.73	19	6
1963	AGAP002363-PA	319	35.8	hypothetical protein|protein_coding|2R:20644655-20645908:-1|gene:AGAP002363	28.84	18	6
1964	AGAP002525-PA	634	69.1	hypothetical protein|protein_coding|2R:22360922-22363216:1|gene:AGAP002525	14.35	9	6

1965	AGAP002604-PA	185	20.1	hypothetical protein|protein_coding|2R:23830972-23831529:-1|gene:AGAP002604	35.14	14	6
1966	AGAP002606-PA	262	30.2	hypothetical protein|protein_coding|2R:23835495-23836455:-1|gene:AGAP002606	40.84	15	6
1967	AGAP002645-PA	362	41.4	hypothetical protein|protein_coding|2R:24944273-24958847:-1|gene:AGAP002645	31.22	16	6
1968	AGAP002661-PA	319	35.2	hypothetical protein|protein_coding|2R:25208814-25209834:1|gene:AGAP002661	28.84	19	6
1969	AGAP002706-PA	76	8.5	hypothetical protein|protein_coding|2R:25831007-25831397:-1|gene:AGAP002706	67.11	21	6
1970	AGAP002799-PA	388	43.1	Gram-Negative Binding Protein (GNBP), or Beta-1,3-Glucan Binding Protein (BGBP).|protein_coding|2R:27650864-27652092:-1|gene:AGAP002799	25.77	20	6
1971	AGAP002809-PA	459	48.9	hypothetical protein|protein_coding|2R:27878298-27879677:1|gene:AGAP002809	26.14	12	6
1972	AGAP002880-PA	340	38.3	hypothetical protein|protein_coding|2R:28588463-28589558:-1|gene:AGAP002880	22.94	13	6
1973	AGAP003071-PA	240	27.6	hypothetical protein|protein_coding|2R:32002051-32013767:1|gene:AGAP003071	24.58	23	6
1974	AGAP003078-PB	886	98.4	hypothetical protein|protein_coding|2R:32246585-32249777:-1|gene:AGAP003078	10.38	14	6
1975	AGAP003164-PB	1166	133.7	hypothetical protein|protein_coding|2R:33461794-33473310:-1|gene:AGAP003164	7.29	9	6
1976	AGAP003171-PA	363	40.1	hypothetical protein|protein_coding|2R:33516527-33517806:1|gene:AGAP003171	17.36	19	6
1977	AGAP003183-PA	323	35.5	hypothetical protein|protein_coding|2R:33617935-33618906:-1|gene:AGAP003183	26.63	8	6
1978	AGAP003261-PA	1737	187.0	hypothetical protein|protein_coding|2R:34561243-34567193:1|gene:AGAP003261	11.92	18	6
1979	AGAP003337-PA	311	34.5	hypothetical protein|protein_coding|2R:36289688-36291450:-1|gene:AGAP003337	26.05	8	6
1980	AGAP003340-PA	185	20.6	hypothetical protein|protein_coding|2R:36298163-36298720:-1|gene:AGAP003340	38.92	23	6
1981	AGAP003352-PA	331	35.8	hypothetical protein|protein_coding|2R:36484082-36500137:-1|gene:AGAP003352	28.4	50	6
1982	AGAP003440-PA	305	33.5	hypothetical protein|protein_coding|2R:37764168-37765233:1|gene:AGAP003440	25.57	10	6

1983	AGAP003483-PA	540	59.2	hypothetical protein|protein_coding|2R:38516474-38518168:1|gene:AGAP003483	16.67	14	6
1984	AGAP003484-PA	825	93.3	hypothetical protein|protein_coding|2R:38549191-38559123:-1|gene:AGAP003484	8.12	16	6
1985	AGAP003509-PA	146	16.8	hypothetical protein|protein_coding|2R:38808212-38922476:-1|gene:AGAP003509	45.89	70	6
1986	AGAP003509-PE	142	16.5	hypothetical protein|protein_coding|2R:38808212-38922476:-1|gene:AGAP003509	44.37	67	6
1987	AGAP003553-PA	217	25.1	hypothetical protein|protein_coding|2R:39452128-39453046:1|gene:AGAP003553	28.11	36	6
1988	AGAP003598-PA	250	29.1	hypothetical protein|protein_coding|2R:40402990-40403835:1|gene:AGAP003598	40.4	25	6
1989	AGAP003606-PA	509	57.7	hypothetical protein|protein_coding|2R:40467960-40471476:-1|gene:AGAP003606	14.15	8	6
1990	AGAP003762-PA	405	47.2	hypothetical protein|protein_coding|2R:43100320-43101787:-1|gene:AGAP003762	19.75	36	6
1991	AGAP003773-PA	206	24.6	hypothetical protein|protein_coding|2R:43149735-43150524:1|gene:AGAP003773	33.98	15	6
1992	AGAP003874-PA	284	31.7	hypothetical protein|protein_coding|2R:44904911-44910848:-1|gene:AGAP003874	31.34	14	6
1993	AGAP003904-PA	553	59.6	hypothetical protein|protein_coding|2R:45772008-45773864:1|gene:AGAP003904	17	17	6
1994	AGAP004020-PA	1139	129.9	hypothetical protein|protein_coding|2R:47917224-47920883:1|gene:AGAP004020	8.87	13	6
1995	AGAP004079-PA	161	17.9	hypothetical protein|protein_coding|2R:49511074-49511865:-1|gene:AGAP004079	42.24	9	6
1996	AGAP004088-PA	1232	140.5	hypothetical protein|protein_coding|2R:49534998-49538772:-1|gene:AGAP004088	8.04	12	6
1997	AGAP004093-PA	105	11.1	hypothetical protein|protein_coding|2R:49715361-49715751:-1|gene:AGAP004093	57.14	37	6
1998	AGAP004094-PA	105	11.1	hypothetical protein|protein_coding|2R:49717788-49718238:1|gene:AGAP004094	61.9	56	6
1999	AGAP004100-PA	191	21.8	hypothetical protein|protein_coding|2R:49761463-49762038:-1|gene:AGAP004100	37.7	18	6
2000	AGAP004107-PB	588	66.6	hypothetical protein|protein_coding|2R:49949810-49964354:-1|gene:AGAP004107	12.24	23	6

2001	AGAP004110-PA	213	24.1	hypothetical protein|protein_coding|2R:50063687-50064404:1|gene:AGAP004110	29.11	12	6
2002	AGAP004164-PC	216	24.5	Glutathione S-transferase 1, isoform D (EC 2.5.1.18)(GST class-theta)(AgGst1-alpha)(Aggst1-1)(Aggst1-6)(Aggst2-1)|protein_coding|2R:50997517-51000707:1|gene:AGAP004164	38.89	23	6
2003	AGAP004194-PA	1233	139.2	hypothetical protein|protein_coding|2R:51646908-51691880:-1|gene:AGAP004194	9.81	9	6
2004	AGAP004309-PA	587	64.7	hypothetical protein|protein_coding|2R:54355380-54357143:1|gene:AGAP004309	14.99	8	6
2005	AGAP004378-PA	214	24.4	glutathione transferase|protein_coding|2R:55501957-55502677:1|gene:AGAP004378	39.25	53	6
2006	AGAP004407-PA	335	38.3	hypothetical protein|protein_coding|2R:55811679-55812864:1|gene:AGAP004407	24.48	17	6
2007	AGAP004462-PA	155	17.5	hypothetical protein|protein_coding|2R:56712791-56713595:1|gene:AGAP004462	27.1	20	6
2008	AGAP004528-PA	238	27.5	hypothetical protein|protein_coding|2R:57393018-57393901:-1|gene:AGAP004528	38.24	33	6
2009	AGAP004576-PA	201	22.4	Cuticular protein 12 in TWDL family|protein_coding|2R:57853569-57861720:1|gene:AGAP004576	40.8	24	6
2010	AGAP004606-PA	118	13.3	hypothetical protein|protein_coding|2R:58338843-58339354:1|gene:AGAP004606	55.93	16	6
2011	AGAP004654-PA	308	33.2	hypothetical protein|protein_coding|2R:59555339-59556337:1|gene:AGAP004654	34.74	22	6
2012	AGAP004723-PA	190	21.6	hypothetical protein|protein_coding|2L:2756804-2760192:1|gene:AGAP004723	37.37	23	6
2013	AGAP004740-PA	258	27.8	hypothetical protein|protein_coding|2L:2982984-2983914:-1|gene:AGAP004740	39.53	20	6
2014	AGAP004759-PA	191	22.1	hypothetical protein|protein_coding|2L:3075500-3076075:1|gene:AGAP004759	38.22	8	6
2015	AGAP004782-PA	1167	132.4	hypothetical protein|protein_coding|2L:3469348-3473011:-1|gene:AGAP004782	7.37	13	6
2016	AGAP004807-PA	143	16.1	AGAP004807-PA|Galectin.|protein_coding|2L:3780524-3781138:1|gene:AGAP004807	55.94	45	6
2017	AGAP004867-PA	118	13.7	hypothetical protein|protein_coding|2L:4677046-4677716:1|gene:AGAP004867	55.08	42	6
2018	AGAP004946-PA	1121	128.8	hypothetical protein|protein_coding|2L:6555241-6558606:-1|gene:AGAP004946	7.31	11	6

2019	AGAP005080-PA	228	24.7	hypothetical protein|protein_coding|2L:9757430-9758194:-1|gene:AGAP005080	53.51	16	6
2020	AGAP005136-PA	95	10.7	hypothetical protein|protein_coding|2L:10370309-10370787:1|gene:AGAP005136	75.79	27	6
2021	AGAP005265-PA	110	11.1	hypothetical protein|protein_coding|2L:13395236-13401548:-1|gene:AGAP005265	56.36	22	6
2022	AGAP005401-PA	520	57.9	hypothetical protein|protein_coding|2L:15080456-15083198:-1|gene:AGAP005401	21.35	24	6
2023	AGAP005419-PA	487	53.8	hypothetical protein|protein_coding|2L:15363460-15365288:1|gene:AGAP005419	13.14	14	6
2024	AGAP005445-PA	192	21.4	hypothetical protein|protein_coding|2L:15542053-15542631:-1|gene:AGAP005445	28.65	17	6
2025	AGAP005507-PB	178	18.9	hypothetical protein|protein_coding|2L:16362238-16380364:1|gene:AGAP005507	42.7	101	6
2026	AGAP005521-PA	458	53.0	hypothetical protein|protein_coding|2L:16604150-16605748:-1|gene:AGAP005521	20.09	24	6
2027	AGAP005626-PA	290	30.2	hypothetical protein|protein_coding|2L:17961670-17969127:1|gene:AGAP005626	37.24	21	6
2028	AGAP005712-PC	428	49.4	hypothetical protein|protein_coding|2L:19277506-19278942:-1|gene:AGAP005712	22.9	20	6
2029	AGAP005723-PA	187	20.3	hypothetical protein|protein_coding|2L:19627110-19627808:1|gene:AGAP005723	43.85	15	6
2030	AGAP005743-PA	701	78.8	hypothetical protein|protein_coding|2L:20161976-20164218:1|gene:AGAP005743	13.69	11	6
2031	AGAP005791-PA	248	26.8	hypothetical protein|protein_coding|2L:20718863-20719609:1|gene:AGAP005791	32.26	253	6
2032	AGAP005832-PA	587	65.1	hypothetical protein|protein_coding|2L:22285302-22292685:1|gene:AGAP005832	14.31	27	6
2033	AGAP005844-PA	347	39.6	hypothetical protein|protein_coding|2L:22424325-22425368:1|gene:AGAP005844	19.88	11	6
2034	AGAP005915-PA	663	73.5	hypothetical protein|protein_coding|2L:23645145-23647351:-1|gene:AGAP005915	11.76	19	6
2035	AGAP006141-PA	289	32.9	hypothetical protein|protein_coding|2L:27094572-27100951:-1|gene:AGAP006141	38.41	29	6
2036	AGAP006146-PA	196	20.3	Cuticular protein 2 in CPLCA family|protein_coding|2L:27153824-27154568:1|gene:AGAP006146	63.78	28	6

2037	AGAP006209-PA	427	48.5	hypothetical protein|protein_coding|2L:28258850-28260379:1|gene:AGAP006209	16.39	33	6
2038	AGAP006330-PA	446	49.3	hypothetical protein|protein_coding|2L:29780518-29903795:1|gene:AGAP006330	16.59	8	6
2039	AGAP006373-PA	959	104.7	hypothetical protein|protein_coding|2L:30566598-30573166:-1|gene:AGAP006373	8.76	24	6
2040	AGAP006438-PA	558	63.7	hypothetical protein|protein_coding|2L:31884472-31886296:-1|gene:AGAP006438	12.72	13	6
2041	AGAP006526-PA	651	71.9	hypothetical protein|protein_coding|2L:33847453-33905073:-1|gene:AGAP006526	7.99	14	6
2042	AGAP006577-PA	303	33.8	hypothetical protein|protein_coding|2L:34225627-34227782:-1|gene:AGAP006577	23.76	19	6
2043	AGAP006612-PA	76	8.9	hypothetical protein|protein_coding|2L:34733966-34734398:-1|gene:AGAP006612	42.11	15	6
2044	AGAP006637-PB	687	75.3	hypothetical protein|protein_coding|2L:35402415-35404968:-1|gene:AGAP006637	10.48	35	6
2045	AGAP006674-PA	306	32.4	hypothetical protein|protein_coding|2L:36643320-36644240:1|gene:AGAP006674	29.41	37	6
2046	AGAP006707-PA	255	27.4	hypothetical protein|protein_coding|2L:37114762-37115657:-1|gene:AGAP006707	38.43	24	6
2047	AGAP006767-PA	422	47.9	hypothetical protein|protein_coding|2L:38041826-38044718:1|gene:AGAP006767	16.35	18	6
2048	AGAP006926-PA	256	27.2	hypothetical protein|protein_coding|2L:40078617-40079701:-1|gene:AGAP006926	31.25	39	6
2049	AGAP007024-PA	130	14.6	hypothetical protein|protein_coding|2L:41026040-41026432:1|gene:AGAP007024	95.38	29	6
2050	AGAP007055-PA	585	64.3	hypothetical protein|protein_coding|2L:41892700-41895010:-1|gene:AGAP007055	13.16	12	6
2051	AGAP007107-PA	351	38.5	hypothetical protein|protein_coding|2L:42820288-42821343:1|gene:AGAP007107	26.5	16	6
2052	AGAP007141-PA	254	27.6	hypothetical protein|protein_coding|2L:43562501-43563392:1|gene:AGAP007141	35.83	11	6
2053	AGAP007240-PA	262	30.6	hypothetical protein|protein_coding|2L:44509304-44510154:-1|gene:AGAP007240	27.48	11	6
2054	AGAP007250-PC	156	18.1	hypothetical protein|protein_coding|2L:44653412-44654179:-1|gene:AGAP007250	55.13	41	6

2055	AGAP007285-PA	477	55.0	hypothetical protein|protein_coding|2L:45003353-45004939:1|gene:AGAP007285	12.16	14	6
2056	AGAP007325-PB	124	14.6	hypothetical protein|protein_coding|2L:45353935-45359753:-1|gene:AGAP007325	41.13	17	6
2057	AGAP007362-PB	167	18.2	hypothetical protein|protein_coding|2L:46067548-46078256:-1|gene:AGAP007362	55.09	17	6
2058	AGAP007381-PA	575	60.3	hypothetical protein|protein_coding|2L:46201548-46203515:-1|gene:AGAP007381	12.52	14	6
2059	AGAP007399-PA	631	72.0	polyA-specific ribonuclease|protein_coding|2L:46319052-46321375:1|gene:AGAP007399	14.1	10	6
2060	AGAP007531-PA	365	39.9	hypothetical protein|protein_coding|2L:47242198-47243359:1|gene:AGAP007531	29.59	10	6
2061	AGAP007574-PA	125	14.9	hypothetical protein|protein_coding|2L:47791258-47792012:1|gene:AGAP007574	54.4	103	6
2062	AGAP007717-PC	839	94.8	hypothetical protein|protein_coding|2L:49212703-49228810:-1|gene:AGAP007717	11.2	12	6
2063	AGAP007724-PB	384	43.4	hypothetical protein|protein_coding|2L:49309032-49314541:1|gene:AGAP007724	21.88	17	6
2064	AGAP007724-PC	321	36.6	hypothetical protein|protein_coding|2L:49309032-49313082:1|gene:AGAP007724	29.6	25	6
2065	AGAP007728-PA	696	79.3	hypothetical protein|protein_coding|2L:49340930-49343147:-1|gene:AGAP007728	12.36	12	6
2066	AGAP007785-PA	310	35.5	hypothetical protein|protein_coding|3R:836945-837877:1|gene:AGAP007785	18.71	22	6
2067	AGAP007864-PB	275	30.9	hypothetical protein|protein_coding|3R:2354916-2356499:1|gene:AGAP007864	25.82	17	6
2068	AGAP007873-PA	2531	286.6	hypothetical protein|protein_coding|3R:2406093-2413891:1|gene:AGAP007873	3.4	11	6
2069	AGAP007940-PA	218	24.5	hypothetical protein|protein_coding|3R:3223506-3224633:-1|gene:AGAP007940	32.57	108	6
2070	AGAP007957-PA	539	60.5	hypothetical protein|protein_coding|3R:3304321-3307879:1|gene:AGAP007957	13.91	13	6
2071	AGAP008054-PB	126	14.6	hypothetical protein|protein_coding|3R:4880891-4881271:1|gene:AGAP008054	34.92	44	6
2072	AGAP008070-PA	314	36.1	hypothetical protein|protein_coding|3R:5051190-5065642:1|gene:AGAP008070	21.34	68	6

2073	AGAP008115-PA	172	18.7	hypothetical protein|protein_coding|3R:5863177-5868121:1|gene:AGAP008115	44.77	16	6
2074	AGAP008143-PA	739	82.4	hypothetical protein|protein_coding|3R:6130273-6132819:1|gene:AGAP008143	13.53	16	6
2075	AGAP008190-PA	973	110.0	hypothetical protein|protein_coding|3R:6530700-6535470:1|gene:AGAP008190	7.91	14	6
2076	AGAP008216-PA	145	16.3	hypothetical protein|protein_coding|3R:6962612-6963221:-1|gene:AGAP008216	40.69	188	6
2077	AGAP008225-PA	295	33.0	hypothetical protein|protein_coding|3R:7163837-7164865:1|gene:AGAP008225	30.51	20	6
2078	AGAP008280-PA	166	18.8	hypothetical protein|protein_coding|3R:8557291-8557862:-1|gene:AGAP008280	48.19	36	6
2079	AGAP008295-PA	277	29.8	Trypsin-2 Precursor (EC 3.4.21.4)(Antryp2)|protein_coding|3R:8632855-8633688:1|gene:AGAP008295	41.16	78	6
2080	AGAP008350-PA	1381	154.5	Double Oxidase: Two Peroxidase domains.|protein_coding|3R:9726877-9731776:1|gene:AGAP008350	5.72	7	6
2081	AGAP008408-PA	600	66.1	hypothetical protein|protein_coding|3R:10415036-10435253:-1|gene:AGAP008408	13.5	28	6
2082	AGAP008436-PA	1407	157.5	hypothetical protein|protein_coding|3R:10719400-10724153:1|gene:AGAP008436	5.12	13	6
2083	AGAP008482-PA	4793	510.2	hypothetical protein|protein_coding|3R:11106602-11133243:1|gene:AGAP008482	1.73	10	6
2084	AGAP008617-PA	311	34.6	hypothetical protein|protein_coding|3R:13715334-13716447:1|gene:AGAP008617	36.98	15	6
2085	AGAP008620-PA	820	88.7	hypothetical protein|protein_coding|3R:13719024-13721650:-1|gene:AGAP008620	11.95	10	6
2086	AGAP008730-PA	175	20.0	hypothetical protein|protein_coding|3R:16167654-16168327:-1|gene:AGAP008730	44.57	10	6
2087	AGAP008747-PA	629	61.7	hypothetical protein|protein_coding|3R:16866272-16868254:1|gene:AGAP008747	14.63	7	6
2088	AGAP008753-PA	90	10.0	hypothetical protein|protein_coding|3R:17093063-17093335:1|gene:AGAP008753	57.78	18	6
2089	AGAP008782-PA	217	24.8	hypothetical protein|protein_coding|3R:17762311-17763015:1|gene:AGAP008782	33.18	32	6
2090	AGAP008906-PA	1662	186.2	hypothetical protein|protein_coding|3R:20608264-20620458:1|gene:AGAP008906	4.27	8	6

2091	AGAP009057-PA	2198	245.4	hypothetical protein|protein_coding|3R:24938881-24949455:-1|gene:AGAP009057	3.41	11	6
2092	AGAP009115-PA	1217	136.5	hypothetical protein|protein_coding|3R:26060190-26103834:-1|gene:AGAP009115	7.4	18	6
2093	AGAP009154-PA	304	35.1	Probable actin-related protein 2/3 complex subunit 2 (Arp2/3 complex 34 kDa subunit)(p34-ARC)|protein_coding|3R:27692413-27695912:1|gene:AGAP009154	21.71	12	6
2094	AGAP009237-PA	791	90.4	hypothetical protein|protein_coding|3R:29087753-29091589:1|gene:AGAP009237	9.99	12	6
2095	AGAP009289-PA	328	36.8	hypothetical protein|protein_coding|3R:30854424-30855558:1|gene:AGAP009289	24.09	9	6
2096	AGAP009342-PA	218	24.3	glutathione transferase|protein_coding|3R:31556614-31558932:1|gene:AGAP009342	39.45	36	6
2097	AGAP009373-PA	210	22.2	hypothetical protein|protein_coding|3R:31826865-31827555:-1|gene:AGAP009373	27.62	46	6
2098	AGAP009387-PA	254	29.7	hypothetical protein|protein_coding|3R:31916188-31918757:-1|gene:AGAP009387	31.1	9	6
2099	AGAP009405-PA	218	24.1	hypothetical protein|protein_coding|3R:32315535-32317141:-1|gene:AGAP009405	29.36	16	6
2100	AGAP009431-PA	83	9.3	hypothetical protein|protein_coding|3R:33472620-33473238:1|gene:AGAP009431	72.29	82	6
2101	AGAP009433-PA	314	34.9	hypothetical protein|protein_coding|3R:33479122-33480243:-1|gene:AGAP009433	28.98	15	6
2102	AGAP009443-PA	480	52.0	hypothetical protein|protein_coding|3R:33527669-33530283:1|gene:AGAP009443	17.29	57	6
2103	AGAP009526-PA	74	8.0	hypothetical protein|protein_coding|3R:35305074-35305298:-1|gene:AGAP009526	59.46	23	6
2104	AGAP009584-PA	107	12.1	AGAP009584-PA|thioredoxin|protein_coding|3R:36671504-36675597:1|gene:AGAP009584	53.27	33	6
2105	AGAP009604-PA	298	31.5	hypothetical protein|protein_coding|3R:36972672-36976781:1|gene:AGAP009604	34.56	35	6
2106	AGAP009648-PA	173	19.8	hypothetical protein|protein_coding|3R:37604024-37604621:1|gene:AGAP009648	32.95	12	6
2107	AGAP009673-PA	352	39.9	hypothetical protein|protein_coding|3R:38233196-38249780:1|gene:AGAP009673	19.03	20	6
2108	AGAP009692-PA	234	26.3	hypothetical protein|protein_coding|3R:38899480-38900277:1|gene:AGAP009692	30.77	65	6

2109	AGAP009738-PA	125	14.3	AGAP009738-PA|glutaredoxin|protein_coding|3R:42055427-42056108:1|gene:AGAP009738	58.4	35	6
2110	AGAP009841-PA	328	36.2	hypothetical protein|protein_coding|3R:44091816-44093030:1|gene:AGAP009841	20.12	14	6
2111	AGAP009991-PA	253	28.1	hypothetical protein|protein_coding|3R:47331570-47332579:1|gene:AGAP009991	24.9	31	6
2112	AGAP010052-PA	130	15.0	hypothetical protein|protein_coding|3R:48348398-48350675:-1|gene:AGAP010052	50.77	19	6
2113	AGAP010123-PA	187	20.4	cuticular protein 131, RR-2 family|protein_coding|3R:49239861-49240502:1|gene:AGAP010123	51.34	54	6
2114	AGAP010133-PA	492	55.6	Class B Scavenger Receptor (CD36 domain).|protein_coding|3R:49293356-49295161:1|gene:AGAP010133	16.67	32	6
2115	AGAP010230-PA	559	62.8	hypothetical protein|protein_coding|3R:51299821-51305625:-1|gene:AGAP010230	18.43	33	6
2116	AGAP010284-PA	226	26.7	hypothetical protein|protein_coding|3R:52069576-52070481:1|gene:AGAP010284	37.17	32	6
2117	AGAP010308-PA	743	85.9	hypothetical protein|protein_coding|3R:53091379-53093975:1|gene:AGAP010308	8.61	10	6
2118	AGAP010347-PB	164	17.4	Copper-Zinc (Cu-Zn) Superoxide Dismutase. Transcript B.|protein_coding|3L:1918745-1920394:1|gene:AGAP010347	69.51	10	6
2119	AGAP010368-PA	567	62.1	hypothetical protein|protein_coding|3L:2272282-2274468:-1|gene:AGAP010368	14.99	17	6
2120	AGAP010376-PA	387	43.3	hypothetical protein|protein_coding|3L:2343836-2347130:-1|gene:AGAP010376	19.12	15	6
2121	AGAP010464-PA	156	17.8	hypothetical protein|protein_coding|3L:3944950-3945956:-1|gene:AGAP010464	28.85	22	6
2122	AGAP010485-PA	604	69.1	hypothetical protein|protein_coding|3L:4764391-4783010:-1|gene:AGAP010485	10.6	10	6
2123	AGAP010519-PA	1644	185.5	Kinesin-like protein unc-104|protein_coding|3L:5618046-5629709:1|gene:AGAP010519	4.93	9	6
2124	AGAP010644-PA	330	37.4	hypothetical protein|protein_coding|3L:7937007-7938312:1|gene:AGAP010644	28.48	10	6
2125	AGAP010675-PA	365	40.1	hypothetical protein|protein_coding|3L:8273849-8274943:1|gene:AGAP010675	20.27	31	6
2126	AGAP010755-PA	148	17.2	hypothetical protein|protein_coding|3L:9851070-9851613:1|gene:AGAP010755	47.97	15	6

2127	AGAP010769-PA	206	22.9	hypothetical protein|protein_coding|3L:10103205-10104005:1|gene:AGAP010769	35.44	8	6
2128	AGAP010893-PA	778	88.1	hypothetical protein|protein_coding|3L:12684224-12704997:1|gene:AGAP010893	11.31	20	6
2129	AGAP010901-PA	295	30.6	cuticular protein 2 from fifty-one aa family|protein_coding|3L:12800494-12801605:-1|gene:AGAP010901	25.76	92	6
2130	AGAP010978-PA	380	39.2	hypothetical protein|protein_coding|3L:14424845-14426089:1|gene:AGAP010978	19.47	17	6
2131	AGAP011032-PA	271	31.4	hypothetical protein|protein_coding|3L:14761655-14762470:1|gene:AGAP011032	25.46	42	6
2132	AGAP011034-PA	2580	285.8	hypothetical protein|protein_coding|3L:15299371-15318611:1|gene:AGAP011034	3.72	8	6
2133	AGAP011164-PA	168	17.9	hypothetical protein|protein_coding|3L:18187720-18188223:1|gene:AGAP011164	52.38	20	6
2134	AGAP011189-PA	472	52.6	hypothetical protein|protein_coding|3L:18873156-18875154:1|gene:AGAP011189	18.01	9	6
2135	AGAP011441-PA	3938	451.4	hypothetical protein|protein_coding|3L:24732444-24745095:1|gene:AGAP011441	1.52	8	6
2136	AGAP011464-PA	255	29.3	hypothetical protein|protein_coding|3L:24972565-24973576:-1|gene:AGAP011464	32.94	14	6
2137	AGAP011717-PA	981	109.9	hypothetical protein|protein_coding|3L:32108213-32125847:1|gene:AGAP011717	11.62	9	6
2138	AGAP011751-PA	548	61.7	hypothetical protein|protein_coding|3L:32920615-32922381:-1|gene:AGAP011751	13.14	12	6
2139	AGAP011762-PA	347	37.9	hypothetical protein|protein_coding|3L:32979374-32980417:-1|gene:AGAP011762	27.67	14	6
2140	AGAP011811-PA	302	33.5	hypothetical protein|protein_coding|3L:33497216-33501484:-1|gene:AGAP011811	35.76	13	6
2141	AGAP011837-PA	95	10.4	hypothetical protein|protein_coding|3L:33917053-33917340:-1|gene:AGAP011837	89.47	13	6
2142	AGAP011842-PA	196	21.9	hypothetical protein|protein_coding|3L:33980932-33981658:1|gene:AGAP011842	40.31	23	6
2143	AGAP011896-PA	124	14.7	hypothetical protein|protein_coding|3L:34675232-34675709:-1|gene:AGAP011896	47.58	22	6
2144	AGAP011914-PA	398	43.3	hypothetical protein|protein_coding|3L:34887135-34888478:1|gene:AGAP011914	17.84	16	6

2145	AGAP012108-PA	204	23.2	hypothetical protein|protein_coding|3L:37748113-37750352:1|gene:AGAP012108	27.94	27	6
2146	AGAP012142-PA	516	57.4	hypothetical protein|protein_coding|3L:38043070-38044891:-1|gene:AGAP012142	15.31	10	6
2147	AGAP012240-PA	412	46.2	hypothetical protein|protein_coding|3L:39249773-39251450:1|gene:AGAP012240	21.84	9	6
2148	AGAP012258-PA	465	52.8	hypothetical protein|protein_coding|3L:39509284-39511533:1|gene:AGAP012258	18.92	27	6
2149	AGAP012334-PA	111	12.7	hypothetical protein|protein_coding|3L:40733112-40733604:-1|gene:AGAP012334	40.54	26	6
2150	AGAP012555-PA	94	10.5	hypothetical protein|protein_coding|UNKN:15799447-15799732:-1|gene:AGAP012555	58.51	128	6
2151	AGAP012587-PA	155	17.1	hypothetical protein|protein_coding|UNKN:17832813-17833353:-1|gene:AGAP012587	58.71	73	6
2152	AGAP013090-PA	254	28.8	hypothetical protein|protein_coding|2R:29082712-29083561:1|gene:AGAP013090	31.1	10	6
2153	AGAP013137-PA	153	16.5	hypothetical protein|protein_coding|2R:20950739-20951200:1|gene:AGAP013137	47.06	28	6
2154	AGAP013262-PA	1112	120.7	hypothetical protein|protein_coding|X:8735647-8751577:1|gene:AGAP013262	8.45	15	6
2155	AGAP013480-PA	687	75.9	hypothetical protein|protein_coding|2R:53200470-53204404:1|gene:AGAP013480	19.65	30	6
2156	AGAP000147-PA	519	55.6	hypothetical protein|protein_coding|X:2331925-2333989:-1|gene:AGAP000147	12.91	7	5
2157	AGAP000165-PA	151	17.3	glutathione transferase, microsomal|protein_coding|X:2849465-2850865:-1|gene:AGAP000165	29.14	30	5
2158	AGAP000173-PA	306	34.7	hypothetical protein|protein_coding|X:2938758-2941137:1|gene:AGAP000173	23.2	7	5
2159	AGAP000241-PA	358	38.7	hypothetical protein|protein_coding|X:4510670-4519174:-1|gene:AGAP000241	19.83	6	5
2160	AGAP000260-PC	56	6.5	hypothetical protein|protein_coding|X:4916295-4917292:1|gene:AGAP000260	67.86	68	5
2161	AGAP000278-PA	139	15.7	odorant binding protein|protein_coding|X:5035500-5035999:-1|gene:AGAP000278	54.68	29	5
2162	AGAP000280-PB	680	76.0	hypothetical protein|protein_coding|X:5040487-5042835:-1|gene:AGAP000280	8.82	9	5

2163	AGAP000285-PA	409	48.6	hypothetical protein|protein_coding|X:5115540-5118488:-1|gene:AGAP000285	15.65	13	5
2164	AGAP000287-PA	331	36.1	hypothetical protein|protein_coding|X:5122419-5123479:-1|gene:AGAP000287	18.73	8	5
2165	AGAP000289-PA	330	36.2	hypothetical protein|protein_coding|X:5127465-5128525:-1|gene:AGAP000289	21.21	19	5
2166	AGAP000291-PA	429	48.5	hypothetical protein|protein_coding|X:5134178-5135640:1|gene:AGAP000291	14.45	6	5
2167	AGAP000306-PA	126	13.2	hypothetical protein|protein_coding|X:5417659-5421738:1|gene:AGAP000306	54.76	201	5
2168	AGAP000322-PA	249	27.0	hypothetical protein|protein_coding|X:5719913-5720938:1|gene:AGAP000322	40.16	8	5
2169	AGAP000345-PA	357	39.2	cuticular protein 126, RR-1 family|protein_coding|X:5984079-5996498:1|gene:AGAP000345	29.97	15	5
2170	AGAP000392-PA	200	22.6	hypothetical protein|protein_coding|X:7190704-7191389:1|gene:AGAP000392	38	18	5
2171	AGAP000415-PA	176	18.9	hypothetical protein|protein_coding|X:7404437-7405054:-1|gene:AGAP000415	30.11	28	5
2172	AGAP000482-PA	168	18.9	hypothetical protein|protein_coding|X:8438721-8439428:-1|gene:AGAP000482	35.12	9	5
2173	AGAP000564-PA	248	26.3	hypothetical protein|protein_coding|X:10020009-10022537:-1|gene:AGAP000564	31.45	9	5
2174	AGAP000570-PA	169	18.1	hypothetical protein|protein_coding|X:10081739-10082248:1|gene:AGAP000570	51.48	141	5
2175	AGAP000577-PD	782	89.0	hypothetical protein|protein_coding|X:10149615-10156281:-1|gene:AGAP000577	5.63	7	5
2176	AGAP000656-PA	598	68.7	hypothetical protein|protein_coding|X:11706238-11708034:1|gene:AGAP000656	9.87	8	5
2177	AGAP000745-PA	600	65.6	hypothetical protein|protein_coding|X:13656841-13658643:-1|gene:AGAP000745	11.5	8	5
2178	AGAP000861-PA	921	99.5	hypothetical protein|protein_coding|X:15861007-15868189:-1|gene:AGAP000861	6.51	6	5
2179	AGAP000924-PA	498	54.3	hypothetical protein|protein_coding|X:17412490-17416960:1|gene:AGAP000924	13.65	14	5
2180	AGAP000954-PD	355	38.9	hypothetical protein|protein_coding|X:18348181-18352463:1|gene:AGAP000954	22.54	14	5

2181	AGAP001043-PA	850	91.6	Armadillo segment polarity protein|protein_coding|X:20109548-20157977:1|gene:AGAP001043	7.65	13	5
2182	AGAP001133-PA	1161	129.1	hypothetical protein|protein_coding|2R:556578-560219:-1|gene:AGAP001133	7.15	10	5
2183	AGAP001223-PA	611	69.1	hypothetical protein|protein_coding|2R:1637532-1639428:-1|gene:AGAP001223	11.13	8	5
2184	AGAP001228-PB	139	16.1	hypothetical protein|protein_coding|2R:1652312-1652885:-1|gene:AGAP001228	66.19	11	5
2185	AGAP001249-PA	267	27.1	hypothetical protein|protein_coding|2R:2037107-2038088:1|gene:AGAP001249	32.21	109	5
2186	AGAP001290-PA	1053	116.0	hypothetical protein|protein_coding|2R:2505659-2508881:-1|gene:AGAP001290	5.89	7	5
2187	AGAP001299-PA	360	39.9	hypothetical protein|protein_coding|2R:2654884-2655966:-1|gene:AGAP001299	21.39	15	5
2188	AGAP001335-PA	89	10.3	hypothetical protein|protein_coding|2R:3266222-3281792:1|gene:AGAP001335	68.54	24	5
2189	AGAP001425-PA	339	40.2	hypothetical protein|protein_coding|2R:4753564-4754920:-1|gene:AGAP001425	18.58	10	5
2190	AGAP001529-PA	220	21.9	hypothetical protein|protein_coding|2R:5860455-5861117:1|gene:AGAP001529	30.45	14	5
2191	AGAP001563-PA	555	61.6	hypothetical protein|protein_coding|2R:6276757-6280676:-1|gene:AGAP001563	13.33	12	5
2192	AGAP001595-PA	56	6.7	hypothetical protein|protein_coding|2R:6560347-6560899:-1|gene:AGAP001595	51.79	21	5
2193	AGAP001763-PA	712	78.8	hypothetical protein|protein_coding|2R:9523899-9528904:1|gene:AGAP001763	9.27	13	5
2194	AGAP002009-PA	4256	491.1	hypothetical protein|protein_coding|2R:13875376-13889539:1|gene:AGAP002009	1.5	6	5
2195	AGAP002037-PA	398	43.4	hypothetical protein|protein_coding|2R:14116061-14117357:-1|gene:AGAP002037	16.33	9	5
2196	AGAP002038-PA	1062	118.3	hypothetical protein|protein_coding|2R:14126285-14129473:-1|gene:AGAP002038	5.37	6	5
2197	AGAP002067-PA	575	62.5	hypothetical protein|protein_coding|2R:14729119-14731171:1|gene:AGAP002067	10.43	9	5
2198	AGAP002088-PA	520	58.2	hypothetical protein|protein_coding|2R:15155284-15156930:1|gene:AGAP002088	15.38	8	5

2199	AGAP002113-PB	115	12.7	hypothetical protein|protein_coding|2R:15755691-15756604:1|gene:AGAP002113	66.09	57	5
2200	AGAP002265-PA	570	64.2	hypothetical protein|protein_coding|2R:18375893-18377605:-1|gene:AGAP002265	12.46	17	5
2201	AGAP002289-PA	611	70.9	hypothetical protein|protein_coding|2R:18630418-18632485:-1|gene:AGAP002289	11.29	17	5
2202	AGAP002327-PA	552	62.5	hypothetical protein|protein_coding|2R:19895009-19898969:-1|gene:AGAP002327	13.59	13	5
2203	AGAP002335-PA	458	49.4	hypothetical protein|protein_coding|2R:20003872-20005501:-1|gene:AGAP002335	22.49	16	5
2204	AGAP002440-PA	191	21.4	Cdc42 homolog Precursor (25 kDa GTP-binding protein)|protein_coding|2R:21425189-21426041:-1|gene:AGAP002440	37.17	17	5
2205	AGAP002570-PA	546	62.4	hypothetical protein|protein_coding|2R:23003531-23005305:-1|gene:AGAP002570	12.27	6	5
2206	AGAP002597-PA	1873	215.0	hypothetical protein|protein_coding|2R:23769193-23776505:-1|gene:AGAP002597	2.51	6	5
2207	AGAP002687-PA	1228	138.1	hypothetical protein|protein_coding|2R:25620397-25624299:-1|gene:AGAP002687	5.21	8	5
2208	AGAP002812-PA	201	23.1	hypothetical protein|protein_coding|2R:27887409-27889738:-1|gene:AGAP002812	32.34	22	5
2209	AGAP002817-PA	291	33.1	hypothetical protein|protein_coding|2R:27950941-27973142:1|gene:AGAP002817	19.59	15	5
2210	AGAP002921-PA	113	13.3	hypothetical protein|protein_coding|2R:29615444-29616107:1|gene:AGAP002921	33.63	8	5
2211	AGAP002923-PA	491	56.2	hypothetical protein|protein_coding|2R:29629576-29631258:-1|gene:AGAP002923	10.59	13	5
2212	AGAP002996-PD	691	73.6	hypothetical protein|protein_coding|2R:30736470-30752375:1|gene:AGAP002996	12.74	7	5
2213	AGAP003019-PA	720	82.7	hypothetical protein|protein_coding|2R:31201537-31204342:-1|gene:AGAP003019	9.31	5	5
2214	AGAP003037-PA	383	43.6	hypothetical protein|protein_coding|2R:31283045-31291392:-1|gene:AGAP003037	14.88	13	5
2215	AGAP003063-PA	241	27.9	hypothetical protein|protein_coding|2R:31944866-31945591:1|gene:AGAP003063	45.64	10	5
2216	AGAP003092-PE	194	21.4	hypothetical protein|protein_coding|2R:32413550-32414429:1|gene:AGAP003092	29.9	19	5

2217	AGAP003119-PA	148	17.0	hypothetical protein|protein_coding|2R:32894021-32894936:1|gene:AGAP003119	33.78	16	5
2218	AGAP003120-PA	578	63.0	hypothetical protein|protein_coding|2R:32896402-32899586:-1|gene:AGAP003120	15.92	15	5
2219	AGAP003133-PB	1028	112.0	hypothetical protein|protein_coding|2R:33113543-33118993:1|gene:AGAP003133	5.84	11	5
2220	AGAP003141-PB	299	31.6	hypothetical protein|protein_coding|2R:33183543-33184526:-1|gene:AGAP003141	26.09	30	5
2221	AGAP003178-PA	127	14.3	AGAP003178-PA|glutaredoxin|protein_coding|2R:33578378-33578915:-1|gene:AGAP003178	70.08	29	5
2222	AGAP003221-PA	1450	161.4	hypothetical protein|protein_coding|2R:34020760-34027726:1|gene:AGAP003221	3.45	19	5
2223	AGAP003227-PA	366	41.6	hypothetical protein|protein_coding|2R:34048328-34049738:-1|gene:AGAP003227	16.12	7	5
2224	AGAP003315-PA	444	49.5	hypothetical protein|protein_coding|2R:35837625-35839139:-1|gene:AGAP003315	15.32	13	5
2225	AGAP003325-PA	83	9.4	hypothetical protein|protein_coding|2R:35980660-35981341:1|gene:AGAP003325	67.47	11	5
2226	AGAP003352-PB	390	42.7	hypothetical protein|protein_coding|2R:36484082-36515212:-1|gene:AGAP003352	18.97	13	5
2227	AGAP003361-PA	144	17.0	hypothetical protein|protein_coding|2R:36739350-36740361:1|gene:AGAP003361	36.81	8	5
2228	AGAP003377-PA	186	19.1	cuticular protein 115, RR-2 family|protein_coding|2R:37169927-37170669:1|gene:AGAP003377	31.18	25	5
2229	AGAP003423-PA	882	98.0	hypothetical protein|protein_coding|2R:37519811-37522535:1|gene:AGAP003423	8.84	30	5
2230	AGAP003486-PA	569	58.8	hypothetical protein|protein_coding|2R:38594219-38595928:1|gene:AGAP003486	13.88	10	5
2231	AGAP003497-PA	569	58.6	hypothetical protein|protein_coding|2R:38675811-38677520:1|gene:AGAP003497	14.06	16	5
2232	AGAP003513-PA	1286	141.1	hypothetical protein|protein_coding|2R:39039980-39052756:-1|gene:AGAP003513	5.68	16	5
2233	AGAP003547-PA	157	17.6	hypothetical protein|protein_coding|2R:39424906-39425604:1|gene:AGAP003547	42.04	32	5
2234	AGAP003601-PA	544	62.0	hypothetical protein|protein_coding|2R:40436508-40438379:1|gene:AGAP003601	12.32	11	5

2235	AGAP003615-PA	271	30.4	hypothetical protein|protein_coding|2R:40553590-40555037:1|gene:AGAP003615	23.25	14	5
2236	AGAP003625-PA	190	21.4	C-Type Lectin (CTL).|protein_coding|2R:40674950-40683555:1|gene:AGAP003625	32.63	11	5
2237	AGAP003648-PA	1175	133.8	hypothetical protein|protein_coding|2R:40956206-40959900:-1|gene:AGAP003648	7.83	8	5
2238	AGAP003689-PA	594	66.9	CLIP-domain serine protease subfamily C|protein_coding|2R:42042818-42045057:1|gene:AGAP003689	11.78	11	5
2239	AGAP003778-PA	197	23.6	hypothetical protein|protein_coding|2R:43157398-43158219:1|gene:AGAP003778	26.9	14	5
2240	AGAP003794-PB	569	62.8	hypothetical protein|protein_coding|2R:43365551-43385243:-1|gene:AGAP003794	11.42	11	5
2241	AGAP003878-PA	569	63.2	hypothetical protein|protein_coding|2R:45078887-45080727:1|gene:AGAP003878	8.44	18	5
2242	AGAP003936-PA	119	13.5	hypothetical protein|protein_coding|2R:46544959-46545389:-1|gene:AGAP003936	48.74	29	5
2243	AGAP003938-PA	325	37.5	hypothetical protein|protein_coding|2R:46554946-46556458:-1|gene:AGAP003938	20.92	16	5
2244	AGAP003966-PA	311	34.6	hypothetical protein|protein_coding|2R:47194554-47210746:1|gene:AGAP003966	28.94	12	5
2245	AGAP003997-PD	389	44.8	hypothetical protein|protein_coding|2R:47694608-47730436:1|gene:AGAP003997	13.37	8	5
2246	AGAP004066-PA	2023	217.9	hypothetical protein|protein_coding|2R:49296512-49374964:-1|gene:AGAP004066	3.21	7	5
2247	AGAP004163-PB	218	25.0	Glutathione S-transferase D7 (EC 2.5.1.18)(GST class-theta)(Gst1-beta)(Aggst1-7)|protein_coding|2R:50990112-50992575:-1|gene:AGAP004163	30.28	25	5
2248	AGAP004199-PA	605	66.8	hypothetical protein|protein_coding|2R:51699190-51701888:-1|gene:AGAP004199	12.07	11	5
2249	AGAP004227-PA	186	21.2	hypothetical protein|protein_coding|2R:52190538-52192590:1|gene:AGAP004227	29.57	20	5
2250	AGAP004298-PC	170	19.2	hypothetical protein|protein_coding|2R:54165121-54180448:-1|gene:AGAP004298	37.65	29	5
2251	AGAP004322-PA	682	76.8	hypothetical protein|protein_coding|2R:54458710-54460952:-1|gene:AGAP004322	12.02	9	5
2252	AGAP004380-PA	211	24.4	glutathione transferase|protein_coding|2R:55504583-55505297:-1|gene:AGAP004380	41.23	14	5

2253	AGAP004405-PA	548	62.1	hypothetical protein|protein_coding|2R:55723961-55809588:-1|gene:AGAP004405	11.13	20	5
2254	AGAP004418-PA	304	33.5	hypothetical protein|protein_coding|2R:55853634-55854994:-1|gene:AGAP004418	27.3	8	5
2255	AGAP004435-PA	344	40.2	hypothetical protein|protein_coding|2R:55995073-55996181:1|gene:AGAP004435	16.57	7	5
2256	AGAP004492-PA	289	32.2	hypothetical protein|protein_coding|2R:56861434-56862451:-1|gene:AGAP004492	17.99	10	5
2257	AGAP004502-PA	445	51.2	hypothetical protein|protein_coding|2R:57103550-57109160:-1|gene:AGAP004502	17.08	11	5
2258	AGAP004520-PA	490	51.1	hypothetical protein|protein_coding|2R:57331426-57333358:-1|gene:AGAP004520	15.1	17	5
2259	AGAP004612-PA	410	46.8	hypothetical protein|protein_coding|2R:58392327-58394164:1|gene:AGAP004612	19.02	12	5
2260	AGAP004616-PA	107	11.8	hypothetical protein|protein_coding|2R:58515049-58515445:-1|gene:AGAP004616	48.6	23	5
2261	AGAP004665-PA	505	57.8	hypothetical protein|protein_coding|2R:60687060-60705962:1|gene:AGAP004665	16.04	11	5
2262	AGAP004672-PA	2576	277.5	hypothetical protein|protein_coding|2R:61246306-61254180:1|gene:AGAP004672	3.53	7	5
2263	AGAP004832-PA	1036	117.7	hypothetical protein|protein_coding|2L:4214235-4217433:-1|gene:AGAP004832	6.08	8	5
2264	AGAP004842-PA	214	24.5	hypothetical protein|protein_coding|2L:4391444-4392236:1|gene:AGAP004842	31.78	7	5
2265	AGAP004849-PA	284	33.1	hypothetical protein|protein_coding|2L:4441964-4442904:1|gene:AGAP004849	18.31	15	5
2266	AGAP004906-PA	118	13.1	hypothetical protein|protein_coding|2L:5793410-5793967:1|gene:AGAP004906	49.15	14	5
2267	AGAP004918-PA	305	34.9	hypothetical protein|protein_coding|2L:6008283-6009271:-1|gene:AGAP004918	22.62	25	5
2268	AGAP004929-PA	180	20.5	hypothetical protein|protein_coding|2L:6114489-6115455:1|gene:AGAP004929	41.11	20	5
2269	AGAP004953-PA	486	55.0	hypothetical protein|protein_coding|2L:7174730-7176409:-1|gene:AGAP004953	13.17	12	5
2270	AGAP004981-PA	684	78.4	AGAP004981-PA|Prophenoloxidase|protein_coding|2L:7503467-7505872:-1|gene:AGAP004981	10.38	17	5

2271	AGAP004990-PA	147	16.1	hypothetical protein|protein_coding|2L:7586036-7586854:1|gene:AGAP004990	38.1	10	5
2272	AGAP005009-PA	271	28.3	hypothetical protein|protein_coding|2L:7897872-7899230:1|gene:AGAP005009	27.68	19	5
2273	AGAP005037-PB	1079	120.5	Coiled-coil domain-containing protein AGAP005037|protein_coding|2L:8668402-8700721:-1|gene:AGAP005037	5.65	6	5
2274	AGAP005057-PA	490	53.2	hypothetical protein|protein_coding|2L:8894163-8911215:1|gene:AGAP005057	15.92	20	5
2275	AGAP005100-PA	225	25.1	hypothetical protein|protein_coding|2L:10116753-10117515:1|gene:AGAP005100	40.89	9	5
2276	AGAP005102-PA	449	49.8	hypothetical protein|protein_coding|2L:10126240-10127661:-1|gene:AGAP005102	12.25	12	5
2277	AGAP005131-PA	130	15.1	hypothetical protein|protein_coding|2L:10342290-10342682:-1|gene:AGAP005131	40	106	5
2278	AGAP005179-PA	157	18.7	hypothetical protein|protein_coding|2L:11414718-11415633:1|gene:AGAP005179	21.66	8	5
2279	AGAP005197-PA	152	17.4	hypothetical protein|protein_coding|2L:12185863-12186321:-1|gene:AGAP005197	45.39	21	5
2280	AGAP005238-PA	492	53.4	hypothetical protein|protein_coding|2L:12704455-12707834:1|gene:AGAP005238	8.94	9	5
2281	AGAP005301-PA	1133	126.5	hypothetical protein|protein_coding|2L:13863336-13870895:-1|gene:AGAP005301	6.62	7	5
2282	AGAP005314-PA	79	9.0	hypothetical protein|protein_coding|2L:14018331-14018651:-1|gene:AGAP005314	88.61	17	5
2283	AGAP005365-PA	416	48.2	hypothetical protein|protein_coding|2L:14658769-14660079:-1|gene:AGAP005365	15.38	15	5
2284	AGAP005384-PA	326	37.8	hypothetical protein|protein_coding|2L:14840357-14841421:-1|gene:AGAP005384	23.01	21	5
2285	AGAP005434-PA	482	54.3	hypothetical protein|protein_coding|2L:15453294-15454742:-1|gene:AGAP005434	15.56	17	5
2286	AGAP005438-PA	1026	115.2	hypothetical protein|protein_coding|2L:15469652-15472976:1|gene:AGAP005438	6.82	9	5
2287	AGAP005462-PA	286	31.5	hypothetical protein|protein_coding|2L:15814852-15815851:1|gene:AGAP005462	27.62	14	5
2288	AGAP005504-PC	332	36.4	hypothetical protein|protein_coding|2L:16259960-16268370:-1|gene:AGAP005504	23.19	66	5

2289	AGAP005523-PA	202	21.3	hypothetical protein|protein_coding|2L:16609904-16610672:1|gene:AGAP005523	25.74	28	5
2290	AGAP005538-PA	252	28.0	hypothetical protein|protein_coding|2L:16849901-16850905:1|gene:AGAP005538	25.79	26	5
2291	AGAP005545-PA	750	83.2	hypothetical protein|protein_coding|2L:16883435-16886427:1|gene:AGAP005545	9.6	9	5
2292	AGAP005771-PA	2437	274.9	hypothetical protein|protein_coding|2L:20415519-20425711:-1|gene:AGAP005771	2.95	5	5
2293	AGAP005782-PA	337	37.6	ATPase ASNA1 homolog (EC 3.6.-.-)(Arsenite-stimulated ATPase)(Arsenical pump-driving ATPase homolog)|protein_coding|2L:20549381-20550527:-1|gene:AGAP005782	22.26	10	5
2294	AGAP005834-PA	590	65.3	hypothetical protein|protein_coding|2L:22299368-22304146:-1|gene:AGAP005834	14.58	20	5
2295	AGAP005890-PB	135	14.6	hypothetical protein|protein_coding|2L:23185086-23185598:-1|gene:AGAP005890	66.67	111	5
2296	AGAP005914-PA	502	56.9	hypothetical protein|protein_coding|2L:23642805-23644384:1|gene:AGAP005914	9.96	14	5
2297	AGAP005943-PA	2016	218.4	hypothetical protein|protein_coding|2L:23925404-23947603:1|gene:AGAP005943	5.01	11	5
2298	AGAP005998-PA	104	11.4	cuticular protein 23, RR-1 family|protein_coding|2L:24621452-24621891:-1|gene:AGAP005998	72.12	349	5
2299	AGAP006042-PB	1030	109.6	hypothetical protein|protein_coding|2L:25560367-25563536:-1|gene:AGAP006042	7.09	7	5
2300	AGAP006097-PB	536	56.2	hypothetical protein|protein_coding|2L:26628651-26638121:-1|gene:AGAP006097	13.43	27	5
2301	AGAP006115-PB	1267	141.1	hypothetical protein|protein_coding|2L:26874708-26886339:1|gene:AGAP006115	6.08	9	5
2302	AGAP006145-PA	194	20.2	Cuticular protein 1 in CPLCA family|protein_coding|2L:27150726-27151310:-1|gene:AGAP006145	53.09	21	5
2303	AGAP006254-PA	1120	124.7	hypothetical protein|protein_coding|2L:28624710-28643305:-1|gene:AGAP006254	8.66	7	5
2304	AGAP006275-PA	255	28.6	hypothetical protein|protein_coding|2L:29082599-29083773:1|gene:AGAP006275	17.65	19	5
2305	AGAP006365-PA	164	18.9	hypothetical protein|protein_coding|2L:30512625-30513119:1|gene:AGAP006365	30.49	9	5
2306	AGAP006416-PA	271	28.6	Serine protease SP24D Precursor (EC 3.4.21.-)(AgSp24D)|protein_coding|2L:31633722-31634698:1|gene:AGAP006416	33.95	23	5

2307	AGAP006426-PA	565	63.8	hypothetical protein|protein_coding|2L:31721567-31727622:-1|gene:AGAP006426	10.97	8	5
2308	AGAP006432-PA	373	40.7	hypothetical protein|protein_coding|2L:31789063-31790296:1|gene:AGAP006432	15.28	62	5
2309	AGAP006469-PA	356	39.0	hypothetical protein|protein_coding|2L:32607421-32608491:1|gene:AGAP006469	17.13	13	5
2310	AGAP006475-PA	2830	319.4	hypothetical protein|protein_coding|2L:32681090-32695241:-1|gene:AGAP006475	2.79	11	5
2311	AGAP006501-PA	345	37.9	hypothetical protein|protein_coding|2L:33111168-33112316:-1|gene:AGAP006501	27.54	19	5
2312	AGAP006512-PA	390	42.6	hypothetical protein|protein_coding|2L:33294350-33297273:-1|gene:AGAP006512	19.49	9	5
2313	AGAP006715-PA	550	59.8	hypothetical protein|protein_coding|2L:37143407-37145059:1|gene:AGAP006715	14.55	22	5
2314	AGAP006783-PA	362	41.1	hypothetical protein|protein_coding|2L:38186056-38187234:1|gene:AGAP006783	20.17	11	5
2315	AGAP006828-PA	140	15.5	cuticular protein 60, RR-2 family|protein_coding|2L:39050740-39053041:1|gene:AGAP006828	37.86	98	5
2316	AGAP006830-PA	169	18.4	cuticular protein 58, RR-2 family|protein_coding|2L:39087983-39093538:1|gene:AGAP006830	34.32	87	5
2317	AGAP006898-PA	1017	114.0	hypothetical protein|protein_coding|2L:39574076-39578295:-1|gene:AGAP006898	6.49	12	5
2318	AGAP006947-PA	543	61.6	hypothetical protein|protein_coding|2L:40199519-40201464:1|gene:AGAP006947	13.63	15	5
2319	AGAP006952-PA	346	38.4	hypothetical protein|protein_coding|2L:40216224-40217337:1|gene:AGAP006952	22.83	7	5
2320	AGAP006993-PA	626	70.0	hypothetical protein|protein_coding|2L:40509763-40512895:1|gene:AGAP006993	11.02	18	5
2321	AGAP007006-PA	2897	311.8	hypothetical protein|protein_coding|2L:40730812-40759895:-1|gene:AGAP007006	2.55	9	5
2322	AGAP007042-PA	150	16.0	cuticular protein 62, RR-1 family|protein_coding|2L:41386830-41387365:1|gene:AGAP007042	54.67	208	5
2323	AGAP007112-PA	643	75.1	Pescadillo homolog|protein_coding|2L:42955322-42957385:-1|gene:AGAP007112	9.8	16	5
2324	AGAP007138-PA	440	50.4	hypothetical protein|protein_coding|2L:43554468-43555934:1|gene:AGAP007138	15.23	23	5

2325	AGAP007157-PA	84	9.4	hypothetical protein|protein_coding|2L:43597692-43597946:-1|gene:AGAP007157	44.05	19	5
2326	AGAP007163-PB	900	101.6	hypothetical protein|protein_coding|2L:43619548-43627337:-1|gene:AGAP007163	9.56	14	5
2327	AGAP007172-PB	220	25.6	hypothetical protein|protein_coding|2L:43817840-43819793:1|gene:AGAP007172	25.91	13	5
2328	AGAP007201-PA	138	15.6	AGAP007201-PA|thioredoxin|protein_coding|2L:44269005-44269600:1|gene:AGAP007201	54.35	13	5
2329	AGAP007242-PA	231	26.5	hypothetical protein|protein_coding|2L:44512338-44515161:-1|gene:AGAP007242	24.68	5	5
2330	AGAP007246-PA	126	13.8	hypothetical protein|protein_coding|2L:44520107-44520645:-1|gene:AGAP007246	51.59	43	5
2331	AGAP007254-PA	523	58.8	hypothetical protein|protein_coding|2L:44696931-44698576:-1|gene:AGAP007254	10.13	13	5
2332	AGAP007275-PA	507	54.9	hypothetical protein|protein_coding|2L:44835295-44836978:1|gene:AGAP007275	10.85	31	5
2333	AGAP007362-PA	188	20.6	hypothetical protein|protein_coding|2L:46062367-46078256:-1|gene:AGAP007362	50.53	19	5
2334	AGAP007534-PC	155	16.9	hypothetical protein|protein_coding|2L:47268855-47269492:-1|gene:AGAP007534	49.68	12	5
2335	AGAP007570-PA	439	49.2	hypothetical protein|protein_coding|2L:47765985-47767304:-1|gene:AGAP007570	21.41	10	5
2336	AGAP007633-PA	464	51.2	hypothetical protein|protein_coding|2L:48504238-48509825:1|gene:AGAP007633	16.59	24	5
2337	AGAP007725-PA	892	98.4	hypothetical protein|protein_coding|2L:49322596-49325933:-1|gene:AGAP007725	9.19	9	5
2338	AGAP007732-PA	549	60.1	hypothetical protein|protein_coding|3R:24236-38945:1|gene:AGAP007732	14.57	16	5
2339	AGAP007790-PD	259	29.0	hypothetical protein|protein_coding|3R:872904-879141:-1|gene:AGAP007790	39	8	5
2340	AGAP007825-PA	825	96.4	hypothetical protein|protein_coding|3R:1473559-1476036:1|gene:AGAP007825	6.67	7	5
2341	AGAP007881-PA	320	35.5	hypothetical protein|protein_coding|3R:2462906-2464102:1|gene:AGAP007881	18.13	9	5
2342	AGAP007928-PA	1486	164.3	hypothetical protein|protein_coding|3R:2928852-2936929:1|gene:AGAP007928	4.71	14	5
2343	AGAP007968-PB	353	38.3	hypothetical protein|protein_coding|3R:3391734-3393887:1|gene:AGAP007968	16.71	9	5

2344	AGAP008022-PA	522	59.6	hypothetical protein|protein_coding|3R:4326802-4328809:1|gene:AGAP008022	12.64	13	5
2345	AGAP008033-PA	364	41.3	hypothetical protein|protein_coding|3R:4761901-4763065:1|gene:AGAP008033	17.86	15	5
2346	AGAP008051-PA	127	14.7	sensory appendage protein|protein_coding|3R:4866908-4867291:-1|gene:AGAP008051	34.65	26	5
2347	AGAP008083-PA	655	74.8	hypothetical protein|protein_coding|3R:5269317-5271374:1|gene:AGAP008083	14.5	10	5
2348	AGAP008092-PA	323	36.5	hypothetical protein|protein_coding|3R:5406440-5407605:-1|gene:AGAP008092	19.2	9	5
2349	AGAP008113-PB	143	15.8	hypothetical protein|protein_coding|3R:5835869-5838540:1|gene:AGAP008113	41.26	365	5
2350	AGAP008154-PA	432	47.6	hypothetical protein|protein_coding|3R:6244717-6246015:1|gene:AGAP008154	15.51	10	5
2351	AGAP008163-PA	127	14.1	hypothetical protein|protein_coding|3R:6279624-6280167:1|gene:AGAP008163	51.18	6	5
2352	AGAP008183-PA	512	55.1	Clip-Domain Serine Protease, family D.|protein_coding|3R:6438670-6443979:1|gene:AGAP008183	13.28	14	5
2353	AGAP008236-PA	1607	182.7	hypothetical protein|protein_coding|3R:7550870-7558593:1|gene:AGAP008236	4.17	7	5
2354	AGAP008318-PA	1326	141.6	hypothetical protein|protein_coding|3R:8957262-8964788:1|gene:AGAP008318	5.51	10	5
2355	AGAP008419-PA	215	24.2	hypothetical protein|protein_coding|3R:10563843-10564733:-1|gene:AGAP008419	28.37	25	5
2356	AGAP008598-PA	445	51.5	hypothetical protein|protein_coding|3R:13494877-13496626:-1|gene:AGAP008598	13.26	11	5
2357	AGAP008613-PA	596	68.2	hypothetical protein|protein_coding|3R:13599652-13619447:-1|gene:AGAP008613	14.77	7	5
2358	AGAP008717-PA	303	32.1	hypothetical protein|protein_coding|3R:15992803-15993864:1|gene:AGAP008717	23.76	7	5
2359	AGAP008771-PA	261	29.7	hypothetical protein|protein_coding|3R:17387770-17388627:1|gene:AGAP008771	29.5	10	5
2360	AGAP008774-PA	276	31.1	hypothetical protein|protein_coding|3R:17392096-17392926:1|gene:AGAP008774	19.93	22	5
2361	AGAP008785-PA	274	31.1	hypothetical protein|protein_coding|3R:17862297-17864918:-1|gene:AGAP008785	17.52	12	5

2362	AGAP008807-PA	3743	430.3	hypothetical protein|protein_coding|3R:18089723-18102344:1|gene:AGAP008807	1.68	9	5
2363	AGAP008843-PA	270	28.5	hypothetical protein|protein_coding|3R:19376103-19377586:1|gene:AGAP008843	30.74	59	5
2364	AGAP008861-PA	259	27.5	hypothetical protein|protein_coding|3R:19868169-19869015:-1|gene:AGAP008861	32.05	19	5
2365	AGAP008875-PA	767	86.0	hypothetical protein|protein_coding|3R:20233106-20235718:1|gene:AGAP008875	8.74	7	5
2366	AGAP008882-PA	715	82.4	hypothetical protein|protein_coding|3R:20275732-20278118:1|gene:AGAP008882	13.71	11	5
2367	AGAP008883-PA	254	27.6	Anamorsin homolog (Fe-S cluster assembly protein DRE2 homolog)|protein_coding|3R:20278319-20279401:-1|gene:AGAP008883	46.85	8	5
2368	AGAP008931-PA	438	48.0	hypothetical protein|protein_coding|3R:21108738-21110273:-1|gene:AGAP008931	14.61	54	5
2369	AGAP008960-PA	188	19.6	cuticular protein 110, RR-2 family|protein_coding|3R:22056035-22057957:-1|gene:AGAP008960	37.23	61	5
2370	AGAP008986-PA	137	16.1	hypothetical protein|protein_coding|3R:22696910-22697396:-1|gene:AGAP008986	41.61	13	5
2371	AGAP009122-PA	280	29.4	hypothetical protein|protein_coding|3R:26188259-26195500:-1|gene:AGAP009122	35.36	23	5
2372	AGAP009191-PA	227	25.2	glutathione S-transferase, epsilon class|protein_coding|3R:28593714-28594488:1|gene:AGAP009191	25.99	7	5
2373	AGAP009207-PA	331	38.5	hypothetical protein|protein_coding|3R:28697024-28708816:-1|gene:AGAP009207	27.19	18	5
2374	AGAP009264-PA	369	41.7	hypothetical protein|protein_coding|3R:30083698-30093582:-1|gene:AGAP009264	21.68	18	5
2375	AGAP009330-PA	151	17.2	hypothetical protein|protein_coding|3R:31447449-31460223:1|gene:AGAP009330	58.28	10	5
2376	AGAP009347-PB	398	44.1	hypothetical protein|protein_coding|3R:31575274-31576882:-1|gene:AGAP009347	16.58	6	5
2377	AGAP009493-PA	406	45.6	hypothetical protein|protein_coding|3R:34721510-34725375:-1|gene:AGAP009493	12.81	21	5
2378	AGAP009498-PA	437	47.8	hypothetical protein|protein_coding|3R:34755650-34758175:1|gene:AGAP009498	14.19	35	5
2379	AGAP009539-PA	1152	129.4	hypothetical protein|protein_coding|3R:35617194-35620859:-1|gene:AGAP009539	6.51	5	5

2380	AGAP009617-PA	520	58.0	hypothetical protein|protein_coding|3R:37045971-37047696:1|gene:AGAP009617	13.85	6	5
2381	AGAP009639-PA	384	43.1	hypothetical protein|protein_coding|3R:37442824-37456914:1|gene:AGAP009639	13.28	28	5
2382	AGAP009741-PA	176	19.9	hypothetical protein|protein_coding|3R:42061298-42061906:1|gene:AGAP009741	38.64	8	5
2383	AGAP009788-PA	398	44.1	hypothetical protein|protein_coding|3R:43291055-43294509:1|gene:AGAP009788	14.57	8	5
2384	AGAP009839-PA	329	38.1	hypothetical protein|protein_coding|3R:44086743-44088125:1|gene:AGAP009839	13.68	12	5
2385	AGAP009870-PA	153	17.0	cuticular protein 151, RR-1 family|protein_coding|3R:44603608-44604143:1|gene:AGAP009870	52.94	59	5
2386	AGAP009891-PA	285	32.4	hypothetical protein|protein_coding|3R:44873991-44881754:1|gene:AGAP009891	27.02	17	5
2387	AGAP009895-PB	147	16.1	hypothetical protein|protein_coding|3R:44906555-44907153:-1|gene:AGAP009895	46.94	48	5
2388	AGAP009919-PA	661	75.1	hypothetical protein|protein_coding|3R:45303063-45305314:-1|gene:AGAP009919	9.38	24	5
2389	AGAP009952-PA	363	39.6	hypothetical protein|protein_coding|3R:46164412-46166463:1|gene:AGAP009952	12.95	10	5
2390	AGAP010010-PA	333	38.0	hypothetical protein|protein_coding|3R:47578358-47579507:-1|gene:AGAP010010	15.32	8	5
2391	AGAP010040-PA	305	33.1	hypothetical protein|protein_coding|3R:48123318-48124292:1|gene:AGAP010040	20.33	10	5
2392	AGAP010088-PA	2486	286.0	hypothetical protein|protein_coding|3R:48706241-48715939:1|gene:AGAP010088	2.29	7	5
2393	AGAP010089-PA	367	41.7	putative rhodopsin receptor 9|protein_coding|3R:48805823-48807078:-1|gene:AGAP010089	20.16	13	5
2394	AGAP010278-PA	187	21.4	hypothetical protein|protein_coding|3R:51946735-51947367:-1|gene:AGAP010278	30.48	9	5
2395	AGAP010280-PA	417	47.0	hypothetical protein|protein_coding|3R:51982000-51984421:-1|gene:AGAP010280	15.83	8	5
2396	AGAP010337-PA	87	10.0	hypothetical protein|protein_coding|3L:1664420-1664770:-1|gene:AGAP010337	35.63	27	5
2397	AGAP010363-PA	263	28.8	hypothetical protein|protein_coding|3L:2242730-2243579:1|gene:AGAP010363	30.8	46	5

2398	AGAP010364-PA	224	24.4	hypothetical protein|protein_coding|3L:2246982-2247726:1|gene:AGAP010364	21.88	9	5
2399	AGAP010384-PA	561	58.8	hypothetical protein|protein_coding|3L:2421129-2422814:1|gene:AGAP010384	19.79	11	5
2400	AGAP010440-PA	90	10.7	hypothetical protein|protein_coding|3L:3623756-3624134:-1|gene:AGAP010440	67.78	18	5
2401	AGAP010457-PA	302	34.2	hypothetical protein|protein_coding|3L:3905953-3907006:1|gene:AGAP010457	31.13	12	5
2402	AGAP010461-PA	194	19.6	hypothetical protein|protein_coding|3L:3933680-3934261:1|gene:AGAP010461	22.16	37	5
2403	AGAP010544-PA	331	37.8	hypothetical protein|protein_coding|3L:6010298-6011372:-1|gene:AGAP010544	21.75	13	5
2404	AGAP010606-PA	90	10.2	hypothetical protein|protein_coding|3L:7139493-7139833:-1|gene:AGAP010606	71.11	12	5
2405	AGAP010679-PA	92	10.4	hypothetical protein|protein_coding|3L:8341276-8341637:1|gene:AGAP010679	44.57	8	5
2406	AGAP010681-PA	302	34.4	hypothetical protein|protein_coding|3L:8346830-8348652:-1|gene:AGAP010681	26.49	13	5
2407	AGAP010682-PA	149	17.4	hypothetical protein|protein_coding|3L:8350096-8350545:-1|gene:AGAP010682	26.17	6	5
2408	AGAP010701-PA	462	50.7	hypothetical protein|protein_coding|3L:8728127-8737344:-1|gene:AGAP010701	19.05	33	5
2409	AGAP010712-PA	307	35.5	hypothetical protein|protein_coding|3L:8915389-8916504:1|gene:AGAP010712	22.48	16	5
2410	AGAP010717-PA	492	53.1	cuticular protein 143, RR-2 family|protein_coding|3L:8939373-8941390:-1|gene:AGAP010717	21.34	17	5
2411	AGAP010764-PA	270	30.5	hypothetical protein|protein_coding|3L:10011523-10012497:1|gene:AGAP010764	30.37	24	5
2412	AGAP010884-PA	1951	214.6	hypothetical protein|protein_coding|3L:12419441-12470984:1|gene:AGAP010884	4	8	5
2413	AGAP010887-PA	322	34.7	cuticular protein 113, RR-1 family|protein_coding|3L:12573817-12576133:1|gene:AGAP010887	29.5	26	5
2414	AGAP010968-PA	361	39.6	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:14000015-14001312:1|gene:AGAP010968	19.94	7	5
2415	AGAP011069-PA	222	24.6	hypothetical protein|protein_coding|3L:16235845-16237225:1|gene:AGAP011069	36.94	36	5

2416	AGAP011076-PA	159	18.0	hypothetical protein|protein_coding|3L:16304155-16304634:1|gene:AGAP011076	35.85	7	5
2417	AGAP011098-PA	318	32.9	hypothetical protein|protein_coding|3L:16824983-16825939:1|gene:AGAP011098	27.67	42	5
2418	AGAP011149-PA	720	81.1	hypothetical protein|protein_coding|3L:17981923-17984480:1|gene:AGAP011149	10	19	5
2419	AGAP011150-PA	221	25.1	hypothetical protein|protein_coding|3L:17985125-17985927:-1|gene:AGAP011150	34.39	9	5
2420	AGAP011183-PA	288	32.1	hypothetical protein|protein_coding|3L:18298968-18299980:1|gene:AGAP011183	29.51	20	5
2421	AGAP011250-PA	64	7.2	hypothetical protein|protein_coding|3L:20004035-20004331:-1|gene:AGAP011250	42.19	56	5
2422	AGAP011312-PA	512	55.1	hypothetical protein|protein_coding|3L:20843053-20847854:1|gene:AGAP011312	13.87	9	5
2423	AGAP011337-PA	868	99.1	hypothetical protein|protein_coding|3L:21374503-21377555:1|gene:AGAP011337	8.76	10	5
2424	AGAP011340-PA	1434	160.3	hypothetical protein|protein_coding|3L:21445777-21450792:1|gene:AGAP011340	4.74	9	5
2425	AGAP011383-PA	345	38.5	hypothetical protein|protein_coding|3L:23001806-23002976:1|gene:AGAP011383	17.68	9	5
2426	AGAP011435-PA	417	46.9	hypothetical protein|protein_coding|3L:24596291-24597788:-1|gene:AGAP011435	21.1	21	5
2427	AGAP011438-PA	231	26.1	hypothetical protein|protein_coding|3L:24717996-24720642:1|gene:AGAP011438	24.24	26	5
2428	AGAP011539-PA	537	61.9	hypothetical protein|protein_coding|3L:26944334-26946100:-1|gene:AGAP011539	11.55	8	5
2429	AGAP011560-PA	707	82.8	hypothetical protein|protein_coding|3L:27748780-27753563:1|gene:AGAP011560	8.2	8	5
2430	AGAP011730-PA	179	20.0	hypothetical protein|protein_coding|3L:32617928-32618645:1|gene:AGAP011730	41.9	8	5
2431	AGAP011832-PA	98	10.3	hypothetical protein|protein_coding|3L:33893411-33893888:1|gene:AGAP011832	87.76	17	5
2432	AGAP011849-PA	398	44.6	hypothetical protein|protein_coding|3L:34040636-34042159:1|gene:AGAP011849	20.85	10	5
2433	AGAP011975-PA	544	61.0	hypothetical protein|protein_coding|3L:35718390-35720109:1|gene:AGAP011975	15.63	8	5

2434	AGAP011996-PA	188	22.2	hypothetical protein|protein_coding|3L:36027993-36028886:1|gene:AGAP011996	30.32	9	5
2435	AGAP012013-PA	936	98.2	hypothetical protein|protein_coding|3L:36301574-36304954:1|gene:AGAP012013	7.37	8	5
2436	AGAP012093-PA	129	14.3	hypothetical protein|protein_coding|3L:37597025-37597477:1|gene:AGAP012093	43.41	13	5
2437	AGAP012196-PA	136	15.3	hypothetical protein|protein_coding|3L:38651386-38651796:-1|gene:AGAP012196	47.79	47	5
2438	AGAP012230-PA	514	57.1	hypothetical protein|protein_coding|3L:39159193-39160742:1|gene:AGAP012230	16.93	14	5
2439	AGAP012251-PA	530	58.3	hypothetical protein|protein_coding|3L:39324424-39328207:1|gene:AGAP012251	16.42	7	5
2440	AGAP012373-PA	362	40.3	hypothetical protein|protein_coding|3L:41231615-41232703:1|gene:AGAP012373	15.75	12	5
2441	AGAP012379-PA	477	53.9	hypothetical protein|protein_coding|3L:41348796-41350424:-1|gene:AGAP012379	18.87	9	5
2442	AGAP012547-PA	239	26.4	hypothetical protein|protein_coding|UNKN:14534204-14536101:1|gene:AGAP012547	26.78	8	5
2443	AGAP012641-PA	257	28.8	hypothetical protein|protein_coding|UNKN:21981187-21984518:-1|gene:AGAP012641	20.23	13	5
2444	AGAP013001-PA	1071	122.4	hypothetical protein|protein_coding|2R:42098539-42102400:-1|gene:AGAP013001	5.23	6	5
2445	AGAP013192-PA	260	28.6	hypothetical protein|protein_coding|2R:36528462-36529415:1|gene:AGAP013192	22.69	18	5
2446	AGAP013231-PA	277	30.6	hypothetical protein|protein_coding|2R:39066506-39067435:1|gene:AGAP013231	22.74	8	5
2447	AGAP013269-PA	490	52.4	hypothetical protein|protein_coding|2R:6072041-6073513:1|gene:AGAP013269	9.8	29	5
2448	AGAP013313-PA	239	26.8	hypothetical protein|protein_coding|2R:29084080-29084898:1|gene:AGAP013313	27.62	6	5
2449	AGAP013365-PA	193	21.7	hypothetical protein|protein_coding|2R:33372263-33372933:1|gene:AGAP013365	38.86	25	5
2450	AGAP013375-PA	279	30.1	hypothetical protein|protein_coding|2R:20657806-20658645:-1|gene:AGAP013375	22.94	15	5
2451	AGAP013467-PA	855	97.0	hypothetical protein|protein_coding|2R:43073699-43076575:1|gene:AGAP013467	7.02	39	5

2452	AGAP013475-PA	118	13.5	hypothetical protein|protein_coding|2R:54455625-54456124:1|gene:AGAP013475	60.17	18	5
2453	AGAP000010-PA	370	42.4	hypothetical protein|protein_coding|X:121207-123499:-1|gene:AGAP000010	16.76	9	4
2454	AGAP000082-PA	671	75.1	hypothetical protein|protein_coding|X:1424384-1426509:-1|gene:AGAP000082	7.75	7	4
2455	AGAP000112-PA	825	89.3	hypothetical protein|protein_coding|X:1832986-1835529:1|gene:AGAP000112	6.3	5	4
2456	AGAP000154-PA	558	60.1	hypothetical protein|protein_coding|X:2485071-2486814:1|gene:AGAP000154	14.34	46	4
2457	AGAP000171-PA	1867	213.4	hypothetical protein|protein_coding|X:2912516-2922177:1|gene:AGAP000171	2.68	6	4
2458	AGAP000203-PA	958	104.5	hypothetical protein|protein_coding|X:3364642-3371951:-1|gene:AGAP000203	4.91	7	4
2459	AGAP000340-PA	489	53.7	hypothetical protein|protein_coding|X:5890629-5892255:-1|gene:AGAP000340	12.27	21	4
2460	AGAP000344-PA	224	25.3	cuticular protein 127, RR-1 family|protein_coding|X:5962513-5967509:1|gene:AGAP000344	32.59	10	4
2461	AGAP000352-PA	300	28.9	hypothetical protein|protein_coding|X:6221274-6222944:-1|gene:AGAP000352	18.67	23	4
2462	AGAP000393-PB	275	30.3	hypothetical protein|protein_coding|X:7194615-7195860:1|gene:AGAP000393	21.45	23	4
2463	AGAP000427-PA	1907	207.4	hypothetical protein|protein_coding|X:7623873-7631089:-1|gene:AGAP000427	3.41	5	4
2464	AGAP000460-PA	562	59.0	hypothetical protein|protein_coding|X:7957856-7962564:1|gene:AGAP000460	12.1	8	4
2465	AGAP000467-PA	1260	140.7	hypothetical protein|protein_coding|X:8075013-8087489:1|gene:AGAP000467	4.37	5	4
2466	AGAP000470-PA	231	26.4	Probable methylthioribulose-1-phosphate dehydratase (MTRu-1-P dehydratase)(EC 4.2.1.109)|protein_coding|X:8105454-8109526:1|gene:AGAP000470	21.21	9	4
2467	AGAP000498-PA	130	14.6	hypothetical protein|protein_coding|X:8762493-8764262:1|gene:AGAP000498	58.46	11	4
2468	AGAP000534-PA	542	59.4	hypothetical protein|protein_coding|X:9555424-9565114:1|gene:AGAP000534	10.15	5	4
2469	AGAP000654-PA	131	14.2	hypothetical protein|protein_coding|X:11692963-11695536:1|gene:AGAP000654	19.85	15	4

2470	AGAP000680-PA	182	20.5	hypothetical protein|protein_coding|X:12119442-12120056:-1|gene:AGAP000680	36.81	6	4
2471	AGAP000755-PA	178	20.1	hypothetical protein|protein_coding|X:13749677-13752101:1|gene:AGAP000755	30.34	12	4
2472	AGAP000770-PA	683	77.8	hypothetical protein|protein_coding|X:13856868-13859316:-1|gene:AGAP000770	7.47	6	4
2473	AGAP000834-PB	520	57.3	hypothetical protein|protein_coding|X:15421209-15423290:1|gene:AGAP000834	11.73	26	4
2474	AGAP000852-PA	89	10.1	hypothetical protein|protein_coding|X:15729502-15731211:-1|gene:AGAP000852	44.94	42	4
2475	AGAP000965-PA	340	37.0	hypothetical protein|protein_coding|X:18545042-18546653:1|gene:AGAP000965	15.88	18	4
2476	AGAP000974-PA	1561	169.9	hypothetical protein|protein_coding|X:18736744-18770916:1|gene:AGAP000974	4.55	8	4
2477	AGAP001057-PA	761	87.1	hypothetical protein|protein_coding|X:21769877-21772162:1|gene:AGAP001057	8.15	9	4
2478	AGAP001084-PA	535	61.6	hypothetical protein|protein_coding|X:23511522-23634351:1|gene:AGAP001084	9.35	8	4
2479	AGAP001101-PA	622	70.4	hypothetical protein|protein_coding|2R:55572-60067:-1|gene:AGAP001101	11.41	7	4
2480	AGAP001108-PA	416	48.7	hypothetical protein|protein_coding|2R:267274-268598:-1|gene:AGAP001108	13.7	14	4
2481	AGAP001124-PA	415	45.7	hypothetical protein|protein_coding|2R:451633-452960:1|gene:AGAP001124	10.36	7	4
2482	AGAP001141-PA	627	69.6	hypothetical protein|protein_coding|2R:582403-585192:1|gene:AGAP001141	9.41	7	4
2483	AGAP001153-PA	402	45.1	hypothetical protein|protein_coding|2R:626658-628133:-1|gene:AGAP001153	18.41	5	4
2484	AGAP001213-PA	868	98.4	hypothetical protein|protein_coding|2R:1599878-1603974:1|gene:AGAP001213	6.8	6	4
2485	AGAP001281-PB	426	49.3	hypothetical protein|protein_coding|2R:2269264-2274193:1|gene:AGAP001281	11.03	6	4
2486	AGAP001315-PD	944	104.0	hypothetical protein|protein_coding|2R:2882539-2895040:-1|gene:AGAP001315	4.77	8	4
2487	AGAP001377-PA	508	57.1	Serine Protease Inhibitor (serpin) homologue - unlikely to be inhibitory.|protein_coding|2R:4017866-4020078:1|gene:AGAP001377	9.06	14	4
2488	AGAP001408-PA	123	14.5	hypothetical protein|protein_coding|2R:4206635-4207006:1|gene:AGAP001408	23.58	12	4

2489	AGAP001438-PA	453	48.5	hypothetical protein|protein_coding|2R:5022303-5026461:-1|gene:AGAP001438	10.15	12	4
2490	AGAP001455-PC	1820	192.2	hypothetical protein|protein_coding|2R:5272597-5280188:-1|gene:AGAP001455	4.56	6	4
2491	AGAP001477-PA	430	50.5	hypothetical protein|protein_coding|2R:5386653-5388221:-1|gene:AGAP001477	8.14	17	4
2492	AGAP001527-PA	2134	232.9	hypothetical protein|protein_coding|2R:5848235-5855136:1|gene:AGAP001527	2.39	4	4
2493	AGAP001573-PA	195	21.8	hypothetical protein|protein_coding|2R:6360361-6361211:-1|gene:AGAP001573	34.87	5	4
2494	AGAP001581-PB	253	29.5	hypothetical protein|protein_coding|2R:6447914-6451539:1|gene:AGAP001581	19.37	9	4
2495	AGAP001660-PA	4868	558.2	hypothetical protein|protein_coding|2R:7568322-7607358:1|gene:AGAP001660	1.15	6	4
2496	AGAP001680-PA	207	24.0	hypothetical protein|protein_coding|2R:8184868-8185491:1|gene:AGAP001680	29.47	5	4
2497	AGAP001701-PA	97	11.0	hypothetical protein|protein_coding|2R:8800727-8801020:-1|gene:AGAP001701	40.21	51	4
2498	AGAP001721-PA	284	31.5	hypothetical protein|protein_coding|2R:8925804-8926882:1|gene:AGAP001721	35.56	32	4
2499	AGAP001732-PA	450	48.6	hypothetical protein|protein_coding|2R:9086474-9087895:-1|gene:AGAP001732	17.11	16	4
2500	AGAP001735-PA	381	46.1	hypothetical protein|protein_coding|2R:9096569-9097790:-1|gene:AGAP001735	12.34	7	4
2501	AGAP001753-PA	252	27.4	hypothetical protein|protein_coding|2R:9444685-9445690:1|gene:AGAP001753	28.57	14	4
2502	AGAP001795-PA	426	46.7	hypothetical protein|protein_coding|2R:10530040-10531440:1|gene:AGAP001795	13.85	6	4
2503	AGAP001796-PA	118	13.2	hypothetical protein|protein_coding|2R:10532171-10533227:1|gene:AGAP001796	55.93	21	4
2504	AGAP001802-PB	776	87.9	hypothetical protein|protein_coding|2R:10611606-10614755:1|gene:AGAP001802	9.15	6	4
2505	AGAP001879-PA	720	86.3	hypothetical protein|protein_coding|2R:11798285-11800517:-1|gene:AGAP001879	6.94	7	4
2506	AGAP001938-PA	716	79.0	hypothetical protein|protein_coding|2R:12671710-12673939:1|gene:AGAP001938	12.57	10	4

2507	AGAP002032-PA	1432	163.7	hypothetical protein|protein_coding|2R:14098771-14109190:-1|gene:AGAP002032	3.7	6	4
2508	AGAP002049-PA	211	23.2	hypothetical protein|protein_coding|2R:14551436-14552152:-1|gene:AGAP002049	37.91	11	4
2509	AGAP002053-PA	153	17.9	hypothetical protein|protein_coding|2R:14656656-14657480:1|gene:AGAP002053	33.33	19	4
2510	AGAP002100-PA	819	91.5	hypothetical protein|protein_coding|2R:15333741-15336896:1|gene:AGAP002100	6.59	6	4
2511	AGAP002107-PA	236	27.0	hypothetical protein|protein_coding|2R:15703673-15704482:-1|gene:AGAP002107	27.12	8	4
2512	AGAP002108-PA	363	41.0	hypothetical protein|protein_coding|2R:15705487-15706852:1|gene:AGAP002108	14.05	16	4
2513	AGAP002186-PB	894	99.7	hypothetical protein|protein_coding|2R:17220512-17314594:-1|gene:AGAP002186	5.59	8	4
2514	AGAP002245-PA	87	10.1	hypothetical protein|protein_coding|2R:18083401-18083756:-1|gene:AGAP002245	50.57	20	4
2515	AGAP002251-PA	167	19.2	hypothetical protein|protein_coding|2R:18195519-18197791:-1|gene:AGAP002251	34.13	9	4
2516	AGAP002300-PB	988	111.2	hypothetical protein|protein_coding|2R:19037222-19040514:1|gene:AGAP002300	6.98	10	4
2517	AGAP002324-PA	568	60.6	hypothetical protein|protein_coding|2R:19568162-19574792:1|gene:AGAP002324	10.21	15	4
2518	AGAP002338-PA	182	20.5	hypothetical protein|protein_coding|2R:20277855-20278403:1|gene:AGAP002338	32.97	13	4
2519	AGAP002387-PA	438	49.4	hypothetical protein|protein_coding|2R:20878701-20880218:1|gene:AGAP002387	18.95	9	4
2520	AGAP002390-PA	290	30.5	hypothetical protein|protein_coding|2R:20883510-20884921:1|gene:AGAP002390	15.17	14	4
2521	AGAP002397-PA	692	76.8	hypothetical protein|protein_coding|2R:20913332-20915653:1|gene:AGAP002397	8.82	9	4
2522	AGAP002409-PA	451	51.9	hypothetical protein|protein_coding|2R:20978294-20979728:-1|gene:AGAP002409	15.96	4	4
2523	AGAP002442-PA	127	12.9	hypothetical protein|protein_coding|2R:21445571-21446025:-1|gene:AGAP002442	64.57	104	4
2524	AGAP002474-PA	745	84.6	hypothetical protein|protein_coding|2R:21852309-21854748:1|gene:AGAP002474	9.8	6	4

2525	AGAP002501-PA	647	68.1	hypothetical protein|protein_coding|2R:22050527-22053158:1|gene:AGAP002501	10.05	5	4
2526	AGAP002530-PA	349	38.0	hypothetical protein|protein_coding|2R:22441965-22443138:-1|gene:AGAP002530	11.46	8	4
2527	AGAP002535-PA	286	32.5	hypothetical protein|protein_coding|2R:22452224-22453252:1|gene:AGAP002535	12.24	5	4
2528	AGAP002593-PA	202	23.0	hypothetical protein|protein_coding|2R:23677658-23678504:1|gene:AGAP002593	29.7	7	4
2529	AGAP002595-PA	320	35.3	hypothetical protein|protein_coding|2R:23695505-23696886:-1|gene:AGAP002595	15	7	4
2530	AGAP002608-PA	328	34.4	hypothetical protein|protein_coding|2R:23841728-23843003:-1|gene:AGAP002608	16.77	9	4
2531	AGAP002613-PA	137	14.5	cuticular protein 8, RR-1 family|protein_coding|2R:24143439-24143979:-1|gene:AGAP002613	31.39	17	4
2532	AGAP002643-PA	155	16.4	hypothetical protein|protein_coding|2R:24908371-24908938:-1|gene:AGAP002643	30.97	30	4
2533	AGAP002646-PA	343	38.9	hypothetical protein|protein_coding|2R:24959802-24960917:1|gene:AGAP002646	16.91	6	4
2534	AGAP002684-PA	752	85.1	hypothetical protein|protein_coding|2R:25611808-25614217:1|gene:AGAP002684	7.98	6	4
2535	AGAP002743-PA	150	17.3	hypothetical protein|protein_coding|2R:26567248-26567911:-1|gene:AGAP002743	25.33	28	4
2536	AGAP002776-PA	426	47.3	hypothetical protein|protein_coding|2R:27041812-27043164:-1|gene:AGAP002776	16.67	10	4
2537	AGAP002813-PA	484	52.8	Clip-Domain Serine Protease, family D.|protein_coding|2R:27898048-27900955:1|gene:AGAP002813	9.92	17	4
2538	AGAP002868-PA	509	58.2	hypothetical protein|protein_coding|2R:28499251-28500859:-1|gene:AGAP002868	10.61	27	4
2539	AGAP002869-PA	507	58.3	hypothetical protein|protein_coding|2R:28501304-28502894:-1|gene:AGAP002869	11.64	5	4
2540	AGAP002892-PA	589	62.0	hypothetical protein|protein_coding|2R:28972973-28977019:-1|gene:AGAP002892	7.64	19	4
2541	AGAP002898-PC	219	25.1	glutathione transferase, zeta class|protein_coding|2R:29080820-29095822:-1|gene:AGAP002898	24.2	5	4
2542	AGAP003006-PA	289	34.0	hypothetical protein|protein_coding|2R:31010396-31011524:-1|gene:AGAP003006	16.96	12	4

2543	AGAP003016-PA	180	20.8	hypothetical protein|protein_coding|2R:31182827-31183665:1|gene:AGAP003016	20.56	12	4
2544	AGAP003017-PA	306	35.3	hypothetical protein|protein_coding|2R:31199715-31201073:1|gene:AGAP003017	14.05	8	4
2545	AGAP003035-PA	1173	127.0	hypothetical protein|protein_coding|2R:31277773-31281519:1|gene:AGAP003035	4.69	6	4
2546	AGAP003050-PA	363	41.3	hypothetical protein|protein_coding|2R:31465072-31466452:-1|gene:AGAP003050	16.8	16	4
2547	AGAP003061-PA	359	40.5	hypothetical protein|protein_coding|2R:31931263-31932506:-1|gene:AGAP003061	18.11	8	4
2548	AGAP003067-PA	519	58.5	hypothetical protein|protein_coding|2R:31952516-31954336:-1|gene:AGAP003067	15.03	8	4
2549	AGAP003090-PA	1382	153.2	hypothetical protein|protein_coding|2R:32386409-32390959:1|gene:AGAP003090	5.35	9	4
2550	AGAP003091-PA	111	12.4	hypothetical protein|protein_coding|2R:32394629-32394964:-1|gene:AGAP003091	50.45	9	4
2551	AGAP003179-PA	708	77.2	hypothetical protein|protein_coding|2R:33579884-33582374:1|gene:AGAP003179	7.91	8	4
2552	AGAP003198-PA	1131	126.2	hypothetical protein|protein_coding|2R:33764362-33774607:-1|gene:AGAP003198	4.24	4	4
2553	AGAP003313-PA	161	18.1	hypothetical protein|protein_coding|2R:35824971-35825456:1|gene:AGAP003313	36.02	12	4
2554	AGAP003334-PA	124	12.7	Cuticular protein unclassified|protein_coding|2R:36268445-36269102:1|gene:AGAP003334	54.84	486	4
2555	AGAP003354-PA	260	28.6	hypothetical protein|protein_coding|2R:36524275-36525210:1|gene:AGAP003354	21.92	16	4
2556	AGAP003359-PA	574	64.0	hypothetical protein|protein_coding|2R:36731082-36733428:1|gene:AGAP003359	8.19	9	4
2557	AGAP003360-PA	97	10.8	hypothetical protein|protein_coding|2R:36734882-36735440:-1|gene:AGAP003360	60.82	7	4
2558	AGAP003415-PA	220	24.2	hypothetical protein|protein_coding|2R:37466058-37466867:1|gene:AGAP003415	30.91	11	4
2559	AGAP003416-PA	164	19.1	hypothetical protein|protein_coding|2R:37467222-37467933:-1|gene:AGAP003416	45.12	8	4
2560	AGAP003429-PC	336	38.9	hypothetical protein|protein_coding|2R:37678359-37680430:-1|gene:AGAP003429	21.43	8	4

2561	AGAP003439-PM	457	50.6	hypothetical protein|protein_coding|2R:37743929-37762416:-1|gene:AGAP003439	19.04	12	4
2562	AGAP003457-PA	1247	139.8	hypothetical protein|protein_coding|2R:37886803-37936119:-1|gene:AGAP003457	3.29	6	4
2563	AGAP003466-PA	206	22.7	hypothetical protein|protein_coding|2R:38023425-38027635:1|gene:AGAP003466	26.21	11	4
2564	AGAP003548-PA	966	108.8	hypothetical protein|protein_coding|2R:39426265-39429342:-1|gene:AGAP003548	6.63	7	4
2565	AGAP003604-PA	576	63.1	hypothetical protein|protein_coding|2R:40448315-40450894:-1|gene:AGAP003604	10.24	5	4
2566	AGAP003633-PA	1324	145.9	hypothetical protein|protein_coding|2R:40786467-40790928:-1|gene:AGAP003633	4.46	4	4
2567	AGAP003661-PA	508	57.8	hypothetical protein|protein_coding|2R:41315041-41320311:1|gene:AGAP003661	10.24	7	4
2568	AGAP003679-PA	897	103.7	hypothetical protein|protein_coding|2R:41850195-41853345:1|gene:AGAP003679	6.69	7	4
2569	AGAP003687-PA	900	101.1	hypothetical protein|protein_coding|2R:42018294-42027627:-1|gene:AGAP003687	6.33	8	4
2570	AGAP003706-PA	109	12.1	hypothetical protein|protein_coding|2R:42207147-42207560:-1|gene:AGAP003706	57.8	10	4
2571	AGAP003742-PB	463	48.7	hypothetical protein|protein_coding|2R:42814706-42817572:1|gene:AGAP003742	11.88	6	4
2572	AGAP003749-PA	365	40.4	hypothetical protein|protein_coding|2R:42888244-42889341:1|gene:AGAP003749	16.44	26	4
2573	AGAP003776-PA	167	20.1	hypothetical protein|protein_coding|2R:43153645-43154390:1|gene:AGAP003776	25.75	9	4
2574	AGAP003887-PA	678	75.9	hypothetical protein|protein_coding|2R:45581995-45597307:1|gene:AGAP003887	6.05	16	4
2575	AGAP003919-PA	163	18.7	hypothetical protein|protein_coding|2R:46265559-46266118:-1|gene:AGAP003919	28.83	12	4
2576	AGAP003933-PA	659	74.5	hypothetical protein|protein_coding|2R:46512709-46515479:1|gene:AGAP003933	13.66	5	4
2577	AGAP003981-PA	362	40.3	hypothetical protein|protein_coding|2R:47469652-47471593:-1|gene:AGAP003981	21.55	5	4
2578	AGAP004028-PA	1226	141.2	hypothetical protein|protein_coding|2R:47967039-47970871:1|gene:AGAP004028	4.81	6	4

2579	AGAP004117-PA	697	78.9	hypothetical protein|protein_coding|2R:50189962-50234636:1|gene:AGAP004117	9.33	6	4
2580	AGAP004138-PA	194	21.5	hypothetical protein|protein_coding|2R:50676211-50676899:-1|gene:AGAP004138	31.44	5	4
2581	AGAP004196-PA	87	10.0	hypothetical protein|protein_coding|2R:51675220-51675783:-1|gene:AGAP004196	49.43	6	4
2582	AGAP004211-PA	967	102.3	hypothetical protein|protein_coding|2R:51929270-51933174:1|gene:AGAP004211	5.89	7	4
2583	AGAP004214-PA	119	13.0	hypothetical protein|protein_coding|2R:51946461-51946820:-1|gene:AGAP004214	32.77	9	4
2584	AGAP004246-PA	1515	172.5	hypothetical protein|protein_coding|2R:53136751-53148779:-1|gene:AGAP004246	4.22	6	4
2585	AGAP004271-PA	250	27.8	hypothetical protein|protein_coding|2R:53524806-53525700:-1|gene:AGAP004271	26.8	6	4
2586	AGAP004340-PA	486	53.7	hypothetical protein|protein_coding|2R:54835650-54837180:-1|gene:AGAP004340	10.91	8	4
2587	AGAP004381-PA	212	24.3	glutathione transferase|protein_coding|2R:55505756-55506458:-1|gene:AGAP004381	18.4	16	4
2588	AGAP004451-PA	351	40.4	hypothetical protein|protein_coding|2R:56365053-56366289:1|gene:AGAP004451	13.68	10	4
2589	AGAP004464-PA	731	79.9	hypothetical protein|protein_coding|2R:56715214-56717491:1|gene:AGAP004464	7.52	8	4
2590	AGAP004479-PA	944	101.6	hypothetical protein|protein_coding|2R:56790300-56793282:-1|gene:AGAP004479	6.36	6	4
2591	AGAP004501-PA	405	45.0	hypothetical protein|protein_coding|2R:57097973-57099278:-1|gene:AGAP004501	12.84	6	4
2592	AGAP004556-PA	495	56.7	hypothetical protein|protein_coding|2R:57587637-57589186:1|gene:AGAP004556	11.11	12	4
2593	AGAP004566-PA	327	35.7	hypothetical protein|protein_coding|2R:57639398-57641269:-1|gene:AGAP004566	15.29	7	4
2594	AGAP004571-PA	324	35.9	hypothetical protein|protein_coding|2R:57661757-57665133:1|gene:AGAP004571	16.05	15	4
2595	AGAP004583-PA	420	46.0	hypothetical protein|protein_coding|2R:57977978-57979236:-1|gene:AGAP004583	14.05	56	4
2596	AGAP004710-PA	56	6.6	hypothetical protein|protein_coding|2L:2483299-2483553:-1|gene:AGAP004710	46.43	30	4

2597	AGAP004737-PA	361	41.7	hypothetical protein|protein_coding|2L:2970769-2972435:1|gene:AGAP004737	11.08	17	4
2598	AGAP004810-PA	192	20.8	Protein A16 Precursor|protein_coding|2L:3798626-3799390:-1|gene:AGAP004810	37.5	15	4
2599	AGAP004819-PC	181	20.9	hypothetical protein|protein_coding|2L:3861247-3869625:-1|gene:AGAP004819	22.65	16	4
2600	AGAP004840-PA	276	29.7	hypothetical protein|protein_coding|2L:4377502-4378519:-1|gene:AGAP004840	24.64	7	4
2601	AGAP004883-PA	180	19.7	hypothetical protein|protein_coding|2L:4939419-4940037:1|gene:AGAP004883	17.78	20	4
2602	AGAP004885-PA	142	16.3	hypothetical protein|protein_coding|2L:4953606-4954285:1|gene:AGAP004885	32.39	7	4
2603	AGAP004914-PA	441	49.6	hypothetical protein|protein_coding|2L:5862363-5863688:1|gene:AGAP004914	14.06	4	4
2604	AGAP004942-PA	382	40.6	hypothetical protein|protein_coding|2L:6377809-6425024:-1|gene:AGAP004942	23.82	7	4
2605	AGAP004954-PA	265	31.1	hypothetical protein|protein_coding|2L:7178011-7180366:-1|gene:AGAP004954	20	8	4
2606	AGAP004992-PA	391	44.6	hypothetical protein|protein_coding|2L:7589763-7591083:1|gene:AGAP004992	13.81	10	4
2607	AGAP005014-PA	693	78.3	hypothetical protein|protein_coding|2L:8297098-8299619:1|gene:AGAP005014	8.95	6	4
2608	AGAP005021-PA	1090	120.5	hypothetical protein|protein_coding|2L:8334586-8337858:-1|gene:AGAP005021	3.94	6	4
2609	AGAP005052-PA	549	63.1	hypothetical protein|protein_coding|2L:8824970-8826698:1|gene:AGAP005052	8.01	8	4
2610	AGAP005121-PB	190	21.2	hypothetical protein|protein_coding|2L:10251997-10252643:1|gene:AGAP005121	26.84	33	4
2611	AGAP005149-PA	64	7.6	hypothetical protein|protein_coding|2L:10577719-10577972:-1|gene:AGAP005149	73.44	6	4
2612	AGAP005162-PB	1185	132.1	hypothetical protein|protein_coding|2L:10820811-10847221:-1|gene:AGAP005162	5.06	7	4
2613	AGAP005174-PA	359	40.3	hypothetical protein|protein_coding|2L:11376607-11377947:-1|gene:AGAP005174	18.94	9	4
2614	AGAP005320-PA	460	51.6	hypothetical protein|protein_coding|2L:14033640-14035097:1|gene:AGAP005320	13.7	8	4

2615	AGAP005364-PA	519	58.8	hypothetical protein|protein_coding|2L:14654908-14657705:1|gene:AGAP005364	10.98	6	4
2616	AGAP005431-PA	428	49.4	hypothetical protein|protein_coding|2L:15426682-15428159:1|gene:AGAP005431	11.92	9	4
2617	AGAP005456-PA	137	14.5	cuticular protein 15, RR-1 family|protein_coding|2L:15758563-15759634:1|gene:AGAP005456	65.69	387	4
2618	AGAP005499-PA	246	26.4	hypothetical protein|protein_coding|2L:16238936-16239769:-1|gene:AGAP005499	23.98	6	4
2619	AGAP005543-PA	283	31.6	hypothetical protein|protein_coding|2L:16875194-16876573:-1|gene:AGAP005543	20.49	13	4
2620	AGAP005563-PA	793	88.2	Facilitated trehalose transporter Tret1 (AgTRET1)|protein_coding|2L:17069971-17080334:1|gene:AGAP005563	7.06	17	4
2621	AGAP005640-PA	931	104.8	hypothetical protein|protein_coding|2L:18121467-18124666:1|gene:AGAP005640	5.91	5	4
2622	AGAP005641-PA	157	17.2	hypothetical protein|protein_coding|2L:18132154-18165140:-1|gene:AGAP005641	64.33	14	4
2623	AGAP005683-PA	447	51.2	hypothetical protein|protein_coding|2L:18740491-18742223:-1|gene:AGAP005683	16.78	12	4
2624	AGAP005686-PA	297	31.8	hypothetical protein|protein_coding|2L:18750630-18751523:-1|gene:AGAP005686	16.5	19	4
2625	AGAP005847-PA	470	52.0	hypothetical protein|protein_coding|2L:22441282-22442694:-1|gene:AGAP005847	16.81	8	4
2626	AGAP005882-PA	407	44.0	hypothetical protein|protein_coding|2L:23133101-23134474:-1|gene:AGAP005882	15.72	6	4
2627	AGAP005883-PA	437	48.7	hypothetical protein|protein_coding|2L:23136307-23138051:1|gene:AGAP005883	14.87	6	4
2628	AGAP005937-PA	835	90.4	hypothetical protein|protein_coding|2L:23861235-23864135:1|gene:AGAP005937	9.7	7	4
2629	AGAP005979-PA	142	16.2	hypothetical protein|protein_coding|2L:24444985-24445613:1|gene:AGAP005979	33.1	6	4
2630	AGAP005996-PA	105	11.5	cuticular protein 21, RR-1 family|protein_coding|2L:24610623-24611425:-1|gene:AGAP005996	33.33	39	4
2631	AGAP005997-PA	106	11.8	cuticular protein 22, RR-1 family|protein_coding|2L:24615846-24616260:-1|gene:AGAP005997	61.32	12	4
2632	AGAP006024-PA	240	26.5	hypothetical protein|protein_coding|2L:25035896-25036681:-1|gene:AGAP006024	22.08	11	4

2633	AGAP006090-PA	432	48.4	hypothetical protein|protein_coding|2L:26547484-26548848:-1|gene:AGAP006090	8.56	11	4
2634	AGAP006119-PA	439	49.0	hypothetical protein|protein_coding|2L:26958069-26959455:-1|gene:AGAP006119	12.3	7	4
2635	AGAP006126-PA	379	42.4	putative rhodopsin receptor 8|protein_coding|2L:27014749-27019563:1|gene:AGAP006126	11.87	17	4
2636	AGAP006178-PC	151	17.3	hypothetical protein|protein_coding|2L:27788148-27792089:-1|gene:AGAP006178	25.17	24	4
2637	AGAP006194-PA	188	21.4	hypothetical protein|protein_coding|2L:28213533-28214237:-1|gene:AGAP006194	29.79	22	4
2638	AGAP006195-PA	206	23.0	hypothetical protein|protein_coding|2L:28215194-28215936:-1|gene:AGAP006195	25.24	12	4
2639	AGAP006259-PA	87	9.2	hypothetical protein|protein_coding|2L:28705998-28706261:-1|gene:AGAP006259	35.63	16	4
2640	AGAP006267-PA	410	47.8	C-Type Lectin (CTL).|protein_coding|2L:28801513-28804123:-1|gene:AGAP006267	11.46	8	4
2641	AGAP006340-PC	1074	118.2	hypothetical protein|protein_coding|2L:29929534-29961616:1|gene:AGAP006340	6.05	7	4
2642	AGAP006364-PB	725	80.3	hypothetical protein|protein_coding|2L:30505895-30512049:1|gene:AGAP006364	7.59	8	4
2643	AGAP006364-PC	602	66.5	hypothetical protein|protein_coding|2L:30509963-30512049:1|gene:AGAP006364	9.47	4	4
2644	AGAP006417-PA	258	28.8	hypothetical protein|protein_coding|2L:31683285-31693505:-1|gene:AGAP006417	16.28	20	4
2645	AGAP006502-PA	492	53.4	hypothetical protein|protein_coding|2L:33120617-33122458:-1|gene:AGAP006502	9.96	6	4
2646	AGAP006529-PA	320	36.5	hypothetical protein|protein_coding|2L:33924934-33925964:-1|gene:AGAP006529	25	5	4
2647	AGAP006531-PA	366	40.8	hypothetical protein|protein_coding|2L:33930315-33931493:-1|gene:AGAP006531	15.3	7	4
2648	AGAP006599-PA	1309	143.9	hypothetical protein|protein_coding|2L:34634213-34639256:-1|gene:AGAP006599	3.06	4	4
2649	AGAP006622-PA	150	17.4	hypothetical protein|protein_coding|2L:34763666-34764118:1|gene:AGAP006622	34.67	11	4
2650	AGAP006645-PD	1103	124.3	hypothetical protein|protein_coding|2L:35647060-35651170:1|gene:AGAP006645	5.08	9	4

2651	AGAP006773-PA	312	35.3	hypothetical protein|protein_coding|2L:38111585-38112858:1|gene:AGAP006773	14.1	13	4
2652	AGAP006795-PA	153	16.7	Peritrophin-1 Precursor (Peritrophin A)(Peritrophic matrix protein 1)(AgAper-1)|protein_coding|2L:38568139-38568683:-1|gene:AGAP006795	30.72	43	4
2653	AGAP006884-PA	1464	167.0	hypothetical protein|protein_coding|2L:39348641-39353990:-1|gene:AGAP006884	2.94	6	4
2654	AGAP006889-PA	794	87.5	hypothetical protein|protein_coding|2L:39373097-39375669:1|gene:AGAP006889	7.05	8	4
2655	AGAP006895-PA	165	18.7	hypothetical protein|protein_coding|2L:39558909-39559479:1|gene:AGAP006895	26.06	6	4
2656	AGAP006937-PA	142	16.2	hypothetical protein|protein_coding|2L:40163771-40164941:-1|gene:AGAP006937	35.21	22	4
2657	AGAP006939-PA	1223	136.9	hypothetical protein|protein_coding|2L:40171801-40175624:1|gene:AGAP006939	5.07	6	4
2658	AGAP006946-PA	138	16.0	hypothetical protein|protein_coding|2L:40198288-40198772:-1|gene:AGAP006946	51.45	9	4
2659	AGAP007053-PA	420	46.7	hypothetical protein|protein_coding|2L:41882673-41884370:1|gene:AGAP007053	13.81	13	4
2660	AGAP007097-PA	355	39.2	hypothetical protein|protein_coding|2L:42578789-42579991:1|gene:AGAP007097	16.62	6	4
2661	AGAP007286-PA	200	22.0	hypothetical protein|protein_coding|2L:45009044-45009783:-1|gene:AGAP007286	22	11	4
2662	AGAP007395-PA	1209	134.3	hypothetical protein|protein_coding|2L:46291244-46294968:1|gene:AGAP007395	3.47	4	4
2663	AGAP007396-PA	852	90.3	hypothetical protein|protein_coding|2L:46307779-46312767:1|gene:AGAP007396	6.92	19	4
2664	AGAP007460-PB	85	9.7	hypothetical protein|protein_coding|2L:46712300-46712766:1|gene:AGAP007460	57.65	31	4
2665	AGAP007475-PA	282	29.7	hypothetical protein|protein_coding|2L:46825565-46826543:1|gene:AGAP007475	25.18	7	4
2666	AGAP007477-PA	341	37.9	hypothetical protein|protein_coding|2L:46827698-46828791:-1|gene:AGAP007477	16.42	10	4
2667	AGAP007491-PA	700	78.8	hypothetical protein|protein_coding|2L:46899672-46903287:1|gene:AGAP007491	6.43	8	4
2668	AGAP007519-PA	375	43.6	hypothetical protein|protein_coding|2L:47128357-47129560:-1|gene:AGAP007519	15.47	6	4

2669	AGAP007549-PA	507	57.5	hypothetical protein|protein_coding|2L:47505725-47507319:1|gene:AGAP007549	13.61	12	4
2670	AGAP007588-PA	515	57.4	hypothetical protein|protein_coding|2L:48031046-48032656:-1|gene:AGAP007588	11.07	10	4
2671	AGAP007740-PA	113	11.4	hypothetical protein|protein_coding|3R:173065-173808:1|gene:AGAP007740	79.65	61	4
2672	AGAP007761-PA	1730	191.7	hypothetical protein|protein_coding|3R:462099-477750:-1|gene:AGAP007761	3.18	11	4
2673	AGAP007781-PA	122	13.3	hypothetical protein|protein_coding|3R:763409-767876:-1|gene:AGAP007781	49.18	7	4
2674	AGAP007821-PA	125	13.8	hypothetical protein|protein_coding|3R:1399628-1419621:1|gene:AGAP007821	36	8	4
2675	AGAP007851-PA	189	20.5	hypothetical protein|protein_coding|3R:2114682-2115497:1|gene:AGAP007851	26.46	19	4
2676	AGAP007858-PA	575	65.2	hypothetical protein|protein_coding|3R:2252046-2254069:-1|gene:AGAP007858	6.78	10	4
2677	AGAP007920-PA	1023	114.9	hypothetical protein|protein_coding|3R:2817687-2853242:1|gene:AGAP007920	5.08	21	4
2678	AGAP007977-PA	439	50.2	hypothetical protein|protein_coding|3R:3624887-3626278:1|gene:AGAP007977	17.31	9	4
2679	AGAP008014-PB	260	26.4	hypothetical protein|protein_coding|3R:4179402-4181908:-1|gene:AGAP008014	39.23	24	4
2680	AGAP008016-PA	694	77.8	hypothetical protein|protein_coding|3R:4190538-4192896:-1|gene:AGAP008016	7.64	4	4
2681	AGAP008078-PA	98	11.5	hypothetical protein|protein_coding|3R:5198304-5198979:-1|gene:AGAP008078	61.22	11	4
2682	AGAP008124-PA	398	45.1	hypothetical protein|protein_coding|3R:5917330-5918744:1|gene:AGAP008124	12.81	8	4
2683	AGAP008156-PA	366	40.7	hypothetical protein|protein_coding|3R:6262075-6263399:1|gene:AGAP008156	11.48	8	4
2684	AGAP008204-PA	498	57.8	hypothetical protein|protein_coding|3R:6905153-6906716:1|gene:AGAP008204	9.84	17	4
2685	AGAP008244-PA	1240	131.3	hypothetical protein|protein_coding|3R:7775253-7778975:-1|gene:AGAP008244	4.19	19	4
2686	AGAP008307-PA	90	10.0	hypothetical protein|protein_coding|3R:8811666-8812005:1|gene:AGAP008307	52.22	29	4

2687	AGAP008315-PA	327	37.7	hypothetical protein|protein_coding|3R:8872250-8873369:1|gene:AGAP008315	13.15	6	4
2688	AGAP008324-PA	1395	153.4	hypothetical protein|protein_coding|3R:9134926-9140756:1|gene:AGAP008324	4.01	6	4
2689	AGAP008339-PA	117	12.9	hypothetical protein|protein_coding|3R:9414850-9415287:-1|gene:AGAP008339	22.22	8	4
2690	AGAP008432-PA	306	32.7	hypothetical protein|protein_coding|3R:10614992-10616253:1|gene:AGAP008432	15.69	16	4
2691	AGAP008481-PA	306	34.2	hypothetical protein|protein_coding|3R:11062957-11064084:1|gene:AGAP008481	17.32	10	4
2692	AGAP008495-PA	141	16.3	hypothetical protein|protein_coding|3R:11331840-11332401:-1|gene:AGAP008495	36.17	13	4
2693	AGAP008602-PA	417	45.1	hypothetical protein|protein_coding|3R:13507185-13508438:1|gene:AGAP008602	13.43	5	4
2694	AGAP008652-PA	360	40.6	hypothetical protein|protein_coding|3R:14051097-14052251:1|gene:AGAP008652	10	6	4
2695	AGAP008671-PA	585	67.7	hypothetical protein|protein_coding|3R:14655492-14671471:1|gene:AGAP008671	8.55	11	4
2696	AGAP008687-PA	422	46.5	hypothetical protein|protein_coding|3R:14845206-14846688:1|gene:AGAP008687	20.14	9	4
2697	AGAP008708-PA	177	20.1	hypothetical protein|protein_coding|3R:15829312-15830123:-1|gene:AGAP008708	27.12	22	4
2698	AGAP008745-PA	850	99.5	hypothetical protein|protein_coding|3R:16829765-16832317:1|gene:AGAP008745	5.88	7	4
2699	AGAP008764-PA	917	104.3	hypothetical protein|protein_coding|3R:17183855-17215898:-1|gene:AGAP008764	5.89	7	4
2700	AGAP008772-PA	513	52.1	hypothetical protein|protein_coding|3R:17388910-17390453:-1|gene:AGAP008772	14.23	13	4
2701	AGAP008797-PA	364	42.2	hypothetical protein|protein_coding|3R:17952296-17953555:-1|gene:AGAP008797	12.91	15	4
2702	AGAP008854-PA	690	77.3	Protein hook|protein_coding|3R:19483357-19485634:-1|gene:AGAP008854	9.86	4	4
2703	AGAP008878-PA	167	17.7	hypothetical protein|protein_coding|3R:20239532-20240493:-1|gene:AGAP008878	26.35	13	4
2704	AGAP008895-PA	156	17.3	hypothetical protein|protein_coding|3R:20501127-20501697:1|gene:AGAP008895	39.1	7	4
2705	AGAP008898-PA	104	11.5	hypothetical protein|protein_coding|3R:20515389-20516019:1|gene:AGAP008898	39.42	16	4

2706	AGAP009047-PA	358	41.2	hypothetical protein|protein_coding|3R:24681139-24682284:-1|gene:AGAP009047	10.89	7	4
2707	AGAP009049-PA	354	39.0	hypothetical protein|protein_coding|3R:24686604-24687668:-1|gene:AGAP009049	16.1	11	4
2708	AGAP009058-PA	737	86.4	hypothetical protein|protein_coding|3R:24953317-24955602:-1|gene:AGAP009058	7.87	5	4
2709	AGAP009100-PA	734	82.8	hypothetical protein|protein_coding|3R:25597268-25599732:1|gene:AGAP009100	8.17	7	4
2710	AGAP009121-PA	269	27.7	hypothetical protein|protein_coding|3R:26186607-26187490:1|gene:AGAP009121	25.65	28	4
2711	AGAP009142-PA	202	20.1	hypothetical protein|protein_coding|3R:27397763-27398446:1|gene:AGAP009142	27.72	10	4
2712	AGAP009187-PA	278	32.1	hypothetical protein|protein_coding|3R:28571544-28572692:-1|gene:AGAP009187	18.35	13	4
2713	AGAP009192-PA	230	25.6	glutathione transferase|protein_coding|3R:28595009-28595773:-1|gene:AGAP009192	21.74	8	4
2714	AGAP009195-PA	224	25.3	glutathione S-transferase, epsilon class|protein_coding|3R:28598932-28599748:-1|gene:AGAP009195	24.55	18	4
2715	AGAP009202-PA	191	21.6	hypothetical protein|protein_coding|3R:28654886-28655685:1|gene:AGAP009202	28.27	9	4
2716	AGAP009210-PA	1710	189.3	hypothetical protein|protein_coding|3R:28747856-28805494:-1|gene:AGAP009210	2.63	12	4
2717	AGAP009212-PA	494	55.2	Serine Protease Inhibitor (serpin), likely cleavage at I/G.|protein_coding|3R:28812172-28813740:-1|gene:AGAP009212	12.35	6	4
2718	AGAP009213-PA	553	61.1	Serine Protease Inhibitor (serpin), likely cleavage at A/L.|protein_coding|3R:28824548-28826209:-1|gene:AGAP009213	14.47	7	4
2719	AGAP009282-PA	238	26.7	hypothetical protein|protein_coding|3R:30588642-30589491:-1|gene:AGAP009282	11.76	13	4
2720	AGAP009380-PA	285	32.8	hypothetical protein|protein_coding|3R:31867070-31868064:-1|gene:AGAP009380	24.56	15	4
2721	AGAP009439-PA	349	38.0	hypothetical protein|protein_coding|3R:33492114-33493315:1|gene:AGAP009439	15.19	26	4
2722	AGAP009461-PA	375	43.1	hypothetical protein|protein_coding|3R:33869544-33876671:-1|gene:AGAP009461	12.53	10	4
2723	AGAP009477-PA	373	39.3	hypothetical protein|protein_coding|3R:34352536-34367020:1|gene:AGAP009477	10.99	9	4

2724	AGAP009499-PA	256	29.0	hypothetical protein|protein_coding|3R:34761139-34761978:1|gene:AGAP009499	19.53	8	4
2725	AGAP009507-PA	283	32.3	hypothetical protein|protein_coding|3R:34967760-34968759:-1|gene:AGAP009507	26.15	9	4
2726	AGAP009528-PA	194	22.4	hypothetical protein|protein_coding|3R:35382345-35394920:1|gene:AGAP009528	27.84	4	4
2727	AGAP009552-PA	270	32.2	hypothetical protein|protein_coding|3R:36045524-36046865:-1|gene:AGAP009552	14.81	17	4
2728	AGAP009579-PA	1164	135.6	hypothetical protein|protein_coding|3R:36516523-36521138:-1|gene:AGAP009579	4.3	8	4
2729	AGAP009591-PA	923	101.4	hypothetical protein|protein_coding|3R:36720615-36723458:-1|gene:AGAP009591	9.75	5	4
2730	AGAP009612-PA	346	37.2	hypothetical protein|protein_coding|3R:37005781-37006960:1|gene:AGAP009612	13.87	8	4
2731	AGAP009651-PA	247	26.9	hypothetical protein|protein_coding|3R:37623411-37624583:1|gene:AGAP009651	18.22	22	4
2732	AGAP009670-PA	623	68.8	Serine Protease Inhibitor (serpin), likely cleavage at I/S. Transcript C.|protein_coding|3R:38145302-38151507:1|gene:AGAP009670	9.63	7	4
2733	AGAP009687-PA	157	16.8	hypothetical protein|protein_coding|3R:38670340-38674295:1|gene:AGAP009687	24.2	6	4
2734	AGAP009700-PA	314	35.1	hypothetical protein|protein_coding|3R:39152788-39153820:-1|gene:AGAP009700	23.89	9	4
2735	AGAP009740-PA	506	56.7	hypothetical protein|protein_coding|3R:42058975-42060639:1|gene:AGAP009740	9.68	13	4
2736	AGAP009772-PA	662	75.2	hypothetical protein|protein_coding|3R:42781176-42783164:1|gene:AGAP009772	6.5	6	4
2737	AGAP009811-PA	510	57.1	hypothetical protein|protein_coding|3R:43752342-43754105:1|gene:AGAP009811	9.22	6	4
2738	AGAP009831-PA	462	51.3	hypothetical protein|protein_coding|3R:44033191-44041412:-1|gene:AGAP009831	9.52	7	4
2739	AGAP009842-PA	312	35.5	hypothetical protein|protein_coding|3R:44093362-44094372:-1|gene:AGAP009842	14.74	6	4
2740	AGAP009883-PA	342	35.8	hypothetical protein|protein_coding|3R:44738530-44739692:-1|gene:AGAP009883	13.45	9	4
2741	AGAP009896-PA	453	50.4	hypothetical protein|protein_coding|3R:44916834-44918606:-1|gene:AGAP009896	15.89	45	4

2742	AGAP009897-PA	494	54.7	hypothetical protein|protein_coding|3R:44949254-44962188:1|gene:AGAP009897	10.93	17	4
2743	AGAP009946-PA	147	16.6	glutathione transferase, microsomal|protein_coding|3R:45853513-45854370:1|gene:AGAP009946	30.61	9	4
2744	AGAP010041-PA	699	80.3	hypothetical protein|protein_coding|3R:48135363-48138524:1|gene:AGAP010041	5.15	4	4
2745	AGAP010048-PA	833	92.5	hypothetical protein|protein_coding|3R:48237423-48267617:1|gene:AGAP010048	9.36	6	4
2746	AGAP010099-PA	135	14.8	cuticular protein 108, RR-2 family|protein_coding|3R:49136221-49136690:-1|gene:AGAP010099	37.04	11	4
2747	AGAP010119-PB	227	24.3	cuticular protein 96, RR-2 family|protein_coding|3R:49220511-49221282:1|gene:AGAP010119	30.84	26	4
2748	AGAP010142-PB	285	32.3	hypothetical protein|protein_coding|3R:49370240-49372300:-1|gene:AGAP010142	21.05	8	4
2749	AGAP010159-PA	146	15.8	hypothetical protein|protein_coding|3R:49670308-49670820:1|gene:AGAP010159	30.14	7	4
2750	AGAP010163-PA	70	8.3	60S ribosomal protein L38|protein_coding|3R:49777851-49778063:-1|gene:AGAP010163	34.29	11	4
2751	AGAP010204-PA	669	77.0	hypothetical protein|protein_coding|3R:50692921-50695189:1|gene:AGAP010204	9.87	6	4
2752	AGAP010212-PA	128	14.9	hypothetical protein|protein_coding|3R:50839391-50839854:1|gene:AGAP010212	36.72	5	4
2753	AGAP010238-PA	641	72.8	hypothetical protein|protein_coding|3R:51370694-51373844:-1|gene:AGAP010238	8.89	7	4
2754	AGAP010239-PB	345	39.2	hypothetical protein|protein_coding|3R:51405368-51406811:1|gene:AGAP010239	14.78	12	4
2755	AGAP010240-PA	268	28.2	hypothetical protein|protein_coding|3R:51410285-51411157:-1|gene:AGAP010240	27.61	39	4
2756	AGAP010249-PA	939	103.6	hypothetical protein|protein_coding|3R:51651612-51654892:-1|gene:AGAP010249	4.69	6	4
2757	AGAP010275-PA	725	83.6	hypothetical protein|protein_coding|3R:51937322-51940123:1|gene:AGAP010275	8.83	6	4
2758	AGAP010276-PA	207	23.9	hypothetical protein|protein_coding|3R:51943998-51945526:-1|gene:AGAP010276	23.67	5	4
2759	AGAP010325-PA	264	28.2	hypothetical protein|protein_coding|3L:838223-839858:-1|gene:AGAP010325	16.29	49	4

2760	AGAP010330-PA	200	23.2	hypothetical protein|protein_coding|3L:1016366-1017109:-1|gene:AGAP010330	20	22	4
2761	AGAP010374-PA	23	2.6	hypothetical protein|protein_coding|3L:2325062-2325367:1|gene:AGAP010374	95.65	13	4
2762	AGAP010453-PA	367	41.6	hypothetical protein|protein_coding|3L:3871165-3872332:-1|gene:AGAP010453	11.72	7	4
2763	AGAP010476-PA	126	13.8	hypothetical protein|protein_coding|3L:4177424-4177895:1|gene:AGAP010476	37.3	16	4
2764	AGAP010514-PA	351	40.3	hypothetical protein|protein_coding|3L:5547073-5561809:-1|gene:AGAP010514	14.81	6	4
2765	AGAP010538-PA	150	17.3	hypothetical protein|protein_coding|3L:5822658-5823177:-1|gene:AGAP010538	32.67	6	4
2766	AGAP010547-PA	373	42.3	Clip-Domain Serine Protease, family E. Protease homologue.|protein_coding|3L:6064205-6065467:1|gene:AGAP010547	14.75	6	4
2767	AGAP010610-PA	730	79.5	hypothetical protein|protein_coding|3L:7152964-7155216:1|gene:AGAP010610	10	7	4
2768	AGAP010656-PA	968	109.5	hypothetical protein|protein_coding|3L:8078239-8100371:1|gene:AGAP010656	5.17	6	4
2769	AGAP010658-PA	218	25.6	hypothetical protein|protein_coding|3L:8120780-8121573:-1|gene:AGAP010658	17.89	13	4
2770	AGAP010693-PA	888	98.8	hypothetical protein|protein_coding|3L:8624463-8630465:1|gene:AGAP010693	6.19	7	4
2771	AGAP010702-PA	739	84.3	hypothetical protein|protein_coding|3L:8750491-8753304:1|gene:AGAP010702	7.71	6	4
2772	AGAP010714-PA	297	33.5	hypothetical protein|protein_coding|3L:8919149-8922035:1|gene:AGAP010714	13.47	9	4
2773	AGAP010730-PA	256	28.2	hypothetical protein|protein_coding|3L:9014125-9014954:1|gene:AGAP010730	16.02	12	4
2774	AGAP010866-PA	252	27.6	hypothetical protein|protein_coding|3L:12155560-12156530:-1|gene:AGAP010866	32.94	10	4
2775	AGAP010875-PA	203	22.7	hypothetical protein|protein_coding|3L:12359171-12360062:-1|gene:AGAP010875	28.57	16	4
2776	AGAP010892-PA	504	55.1	hypothetical protein|protein_coding|3L:12676948-12678683:1|gene:AGAP010892	9.33	11	4
2777	AGAP010894-PA	655	72.5	hypothetical protein|protein_coding|3L:12707817-12709861:-1|gene:AGAP010894	10.38	8	4

2778	AGAP010916-PA	197	21.1	hypothetical protein|protein_coding|3L:12930998-12931663:-1|gene:AGAP010916	27.92	13	4
2779	AGAP010964-PA	182	20.6	hypothetical protein|protein_coding|3L:13921398-13922355:1|gene:AGAP010964	28.02	12	4
2780	AGAP010975-PA	563	61.4	hypothetical protein|protein_coding|3L:14401892-14405050:-1|gene:AGAP010975	7.99	57	4
2781	AGAP011079-PA	513	57.9	hypothetical protein|protein_coding|3L:16310760-16312746:1|gene:AGAP011079	9.36	5	4
2782	AGAP011089-PA	645	72.7	hypothetical protein|protein_coding|3L:16457549-16461141:-1|gene:AGAP011089	8.99	7	4
2783	AGAP011117-PA	292	34.0	hypothetical protein|protein_coding|3L:17278947-17279825:-1|gene:AGAP011117	21.23	25	4
2784	AGAP011125-PA	323	36.3	hypothetical protein|protein_coding|3L:17428346-17429388:1|gene:AGAP011125	18.27	7	4
2785	AGAP011140-PA	211	24.6	hypothetical protein|protein_coding|3L:17838509-17839246:-1|gene:AGAP011140	25.59	13	4
2786	AGAP011248-PA	435	46.6	hypothetical protein|protein_coding|3L:19997425-19999269:1|gene:AGAP011248	14.71	7	4
2787	AGAP011279-PA	681	75.5	hypothetical protein|protein_coding|3L:20508527-20522111:1|gene:AGAP011279	6.31	11	4
2788	AGAP011303-PA	173	19.2	hypothetical protein|protein_coding|3L:20766872-20767463:-1|gene:AGAP011303	38.15	12	4
2789	AGAP011350-PA	322	35.3	hypothetical protein|protein_coding|3L:21614910-21615952:-1|gene:AGAP011350	18.32	5	4
2790	AGAP011363-PA	209	23.5	hypothetical protein|protein_coding|3L:21990568-22014745:-1|gene:AGAP011363	33.49	35	4
2791	AGAP011387-PA	435	47.8	hypothetical protein|protein_coding|3L:23253339-23254727:-1|gene:AGAP011387	12.87	5	4
2792	AGAP011504-PA	99	10.3	hypothetical protein|protein_coding|3L:25688862-25689370:-1|gene:AGAP011504	46.46	10	4
2793	AGAP011532-PA	421	48.6	hypothetical protein|protein_coding|3L:26876083-26881812:-1|gene:AGAP011532	13.78	14	4
2794	AGAP011566-PA	643	70.2	hypothetical protein|protein_coding|3L:27872083-27898153:-1|gene:AGAP011566	12.91	8	4
2795	AGAP011570-PA	849	94.4	hypothetical protein|protein_coding|3L:27950685-27954900:-1|gene:AGAP011570	6.95	7	4

2796	AGAP011581-PA	193	20.2	hypothetical protein|protein_coding|3L:28373084-28373665:-1|gene:AGAP011581	27.46	9	4
2797	AGAP011590-PA	354	38.0	hypothetical protein|protein_coding|3L:28545142-28547542:-1|gene:AGAP011590	20.62	10	4
2798	AGAP011715-PA	383	42.7	hypothetical protein|protein_coding|3L:32087309-32088683:1|gene:AGAP011715	13.58	11	4
2799	AGAP011723-PA	428	47.2	hypothetical protein|protein_coding|3L:32414119-32415614:-1|gene:AGAP011723	21.96	7	4
2800	AGAP011884-PA	453	52.7	hypothetical protein|protein_coding|3L:34626591-34627952:-1|gene:AGAP011884	10.15	5	4
2801	AGAP011920-PA	169	17.5	hypothetical protein|protein_coding|3L:35135457-35136147:-1|gene:AGAP011920	42.6	24	4
2802	AGAP011954-PA	240	27.7	hypothetical protein|protein_coding|3L:35514611-35516481:1|gene:AGAP011954	18.75	8	4
2803	AGAP012041-PA	105	11.9	hypothetical protein|protein_coding|3L:36833710-36834112:1|gene:AGAP012041	45.71	16	4
2804	AGAP012064-PA	1026	110.1	hypothetical protein|protein_coding|3L:37214654-37240902:-1|gene:AGAP012064	5.95	6	4
2805	AGAP012100-PA	115	13.3	40S ribosomal protein S26|protein_coding|3L:37645814-37646784:1|gene:AGAP012100	40	48	4
2806	AGAP012115-PA	901	99.2	hypothetical protein|protein_coding|3L:37774151-37782167:-1|gene:AGAP012115	6.88	5	4
2807	AGAP012154-PA	713	78.3	hypothetical protein|protein_coding|3L:38087144-38089511:-1|gene:AGAP012154	6.73	5	4
2808	AGAP012189-PA	407	47.1	hypothetical protein|protein_coding|3L:38539822-38542414:1|gene:AGAP012189	12.29	9	4
2809	AGAP012257-PA	149	17.0	hypothetical protein|protein_coding|3L:39499802-39501263:1|gene:AGAP012257	28.86	11	4
2810	AGAP012275-PA	607	68.2	hypothetical protein|protein_coding|3L:39681723-39685520:-1|gene:AGAP012275	8.57	11	4
2811	AGAP012340-PA	1345	152.4	hypothetical protein|protein_coding|3L:40754960-40759159:1|gene:AGAP012340	5.65	5	4
2812	AGAP012362-PA	674	76.5	hypothetical protein|protein_coding|3L:41102339-41104438:1|gene:AGAP012362	8.75	5	4
2813	AGAP012374-PA	111	12.3	hypothetical protein|protein_coding|3L:41232911-41233246:-1|gene:AGAP012374	41.44	27	4

2814	AGAP012380-PA	143	15.0	hypothetical protein|protein_coding|3L:41351107-41351538:-1|gene:AGAP012380	32.87	5	4
2815	AGAP012418-PA	89	10.1	hypothetical protein|protein_coding|3L:41834680-41835268:-1|gene:AGAP012418	47.19	31	4
2816	AGAP012525-PA	303	33.2	hypothetical protein|protein_coding|UNKN:10943322-10944366:-1|gene:AGAP012525	20.79	9	4
2817	AGAP012672-PA	319	37.9	hypothetical protein|protein_coding|UNKN:23077418-23079574:-1|gene:AGAP012672	12.54	14	4
2818	AGAP012842-PA	110	11.6	hypothetical protein|protein_coding|UNKN:33365624-33365956:-1|gene:AGAP012842	60.91	39	4
2819	AGAP012971-PA	858	98.2	hypothetical protein|protein_coding|2R:43077740-43080481:1|gene:AGAP012971	5.94	7	4
2820	AGAP013059-PA	517	59.3	hypothetical protein|protein_coding|2R:45076145-45077773:1|gene:AGAP013059	7.93	8	4
2821	AGAP013060-PA	82	9.2	hypothetical protein|protein_coding|2R:33369312-33369973:1|gene:AGAP013060	36.59	7	4
2822	AGAP013179-PA	557	62.3	hypothetical protein|protein_coding|2R:41151293-41154479:1|gene:AGAP013179	16.16	11	4
2823	AGAP013229-PA	192	22.0	hypothetical protein|protein_coding|2R:23672936-23673764:1|gene:AGAP013229	28.13	19	4
2824	AGAP013327-PA	602	67.1	Heme Peroxidase.|protein_coding|3L:10786057-10788017:1|gene:AGAP013327	10.13	8	4
2825	AGAP013336-PA	101	10.7	hypothetical protein|protein_coding|2R:23845638-23845943:1|gene:AGAP013336	37.62	15	4
2826	AGAP013374-PA	822	88.2	hypothetical protein|protein_coding|2R:53215173-53217641:1|gene:AGAP013374	8.52	11	4
2827	AGAP013421-PA	357	34.6	hypothetical protein|protein_coding|X:7727523-7728793:-1|gene:AGAP013421	10.64	94	4
2828	AGAP013440-PA	87	9.9	hypothetical protein|protein_coding|X:13736818-13737081:-1|gene:AGAP013440	44.83	7	4
2829	AGAP013713-PA	335	37.2	hypothetical protein|protein_coding|3R:4847623-4848630:1|gene:AGAP013713	20.9	7	4
2830	AGAP013738-PA	417	48.5	hypothetical protein|protein_coding|3R:3260909-3262298:1|gene:AGAP013738	11.51	8	4
2831	AGAP000008-PA	407	45.3	hypothetical protein|protein_coding|X:91254-94031:1|gene:AGAP000008	11.06	7	3
2832	AGAP000040-PA	606	64.7	hypothetical protein|protein_coding|X:504661-509941:1|gene:AGAP000040	7.1	18	3

2833	AGAP000053-PA	407	44.5	hypothetical protein|protein_coding|X:842797-844087:-1|gene:AGAP000053	10.57	8	3
2834	AGAP000086-PC	174	17.6	hypothetical protein|protein_coding|X:1448592-1461524:-1|gene:AGAP000086	27.01	8	3
2835	AGAP000109-PA	90	10.0	hypothetical protein|protein_coding|X:1792841-1793381:-1|gene:AGAP000109	51.11	7	3
2836	AGAP000110-PA	197	22.7	hypothetical protein|protein_coding|X:1793974-1794742:1|gene:AGAP000110	16.24	6	3
2837	AGAP000118-PA	191	21.6	hypothetical protein|protein_coding|X:1937360-1938021:-1|gene:AGAP000118	34.03	13	3
2838	AGAP000145-PA	147	16.7	hypothetical protein|protein_coding|X:2217741-2226824:-1|gene:AGAP000145	36.05	15	3
2839	AGAP000253-PA	313	34.3	hypothetical protein|protein_coding|X:4610206-4611233:-1|gene:AGAP000253	15.97	6	3
2840	AGAP000275-PA	359	40.0	hypothetical protein|protein_coding|X:5009191-5020267:-1|gene:AGAP000275	8.64	6	3
2841	AGAP000310-PA	393	42.6	hypothetical protein|protein_coding|X:5468373-5469640:1|gene:AGAP000310	17.3	6	3
2842	AGAP000385-PC	672	75.8	hypothetical protein|protein_coding|X:7075409-7082684:1|gene:AGAP000385	5.21	3	3
2843	AGAP000388-PA	478	54.2	TOLL pathway signalling, TNF Receptor-Associated Factor (TRAF).|protein_coding|X:7118528-7120376:1|gene:AGAP000388	8.79	4	3
2844	AGAP000395-PA	270	29.7	hypothetical protein|protein_coding|X:7231516-7232328:-1|gene:AGAP000395	19.26	3	3
2845	AGAP000412-PA	518	56.7	hypothetical protein|protein_coding|X:7386318-7391029:1|gene:AGAP000412	8.49	5	3
2846	AGAP000420-PA	762	81.9	hypothetical protein|protein_coding|X:7545200-7550460:1|gene:AGAP000420	4.86	4	3
2847	AGAP000433-PB	219	25.0	hypothetical protein|protein_coding|X:7695274-7697821:-1|gene:AGAP000433	17.81	7	3
2848	AGAP000437-PA	386	37.4	hypothetical protein|protein_coding|X:7721791-7723233:-1|gene:AGAP000437	9.84	63	3
2849	AGAP000480-PA	347	38.6	hypothetical protein|protein_coding|X:8427945-8429151:-1|gene:AGAP000480	21.61	6	3
2850	AGAP000508-PA	218	24.6	hypothetical protein|protein_coding|X:8964702-8965358:-1|gene:AGAP000508	17.43	8	3

2851	AGAP000538-PA	308	32.0	Cuticular protein 9 in TWDL family|protein_coding|X:9631418-9634853:-1|gene:AGAP000538	18.18	12	3
2852	AGAP000558-PA	601	68.6	hypothetical protein|protein_coding|X:9919520-9925996:1|gene:AGAP000558	6.99	5	3
2853	AGAP000573-PB	362	39.4	CLIP-domain serine protease subfamily C|protein_coding|X:10098790-10104108:1|gene:AGAP000573	11.33	3	3
2854	AGAP000574-PA	248	27.9	hypothetical protein|protein_coding|X:10111155-10112111:-1|gene:AGAP000574	12.9	15	3
2855	AGAP000630-PA	2052	224.4	hypothetical protein|protein_coding|X:11335152-11352646:-1|gene:AGAP000630	1.9	6	3
2856	AGAP000633-PA	502	56.8	hypothetical protein|protein_coding|X:11371154-11372758:1|gene:AGAP000633	8.96	7	3
2857	AGAP000648-PA	594	65.3	hypothetical protein|protein_coding|X:11593838-11595622:1|gene:AGAP000648	8.59	4	3
2858	AGAP000652-PA	410	48.0	hypothetical protein|protein_coding|X:11675751-11680405:-1|gene:AGAP000652	9.27	5	3
2859	AGAP000691-PA	254	26.0	hypothetical protein|protein_coding|X:12435496-12436260:-1|gene:AGAP000691	13.39	7	3
2860	AGAP000700-PC	233	26.7	hypothetical protein|protein_coding|X:12550343-12555739:1|gene:AGAP000700	18.03	9	3
2861	AGAP000747-PC	594	65.7	hypothetical protein|protein_coding|X:13696237-13698980:1|gene:AGAP000747	5.56	3	3
2862	AGAP000761-PA	229	26.9	glutathione transferase, theta class|protein_coding|X:13784517-13785378:-1|gene:AGAP000761	14.85	3	3
2863	AGAP000774-PB	1241	131.7	hypothetical protein|protein_coding|X:13897924-13911951:-1|gene:AGAP000774	5.56	5	3
2864	AGAP000781-PA	94	10.7	hypothetical protein|protein_coding|X:14239602-14240081:-1|gene:AGAP000781	57.45	10	3
2865	AGAP000813-PA	204	23.0	hypothetical protein|protein_coding|X:14912392-14913076:-1|gene:AGAP000813	20.1	5	3
2866	AGAP000820-PA	227	25.1	cuticular protein 125, RR-1 family|protein_coding|X:15282116-15283170:-1|gene:AGAP000820	15.86	7	3
2867	AGAP000823-PA	268	29.6	hypothetical protein|protein_coding|X:15327701-15332442:1|gene:AGAP000823	15.3	11	3
2868	AGAP000877-PA	562	64.0	hypothetical protein|protein_coding|X:16619141-16621031:-1|gene:AGAP000877	8.36	6	3

2869	AGAP000887-PA	510	56.9	hypothetical protein|protein_coding|X:16743736-16745470:1|gene:AGAP000887	10	7	3
2870	AGAP000939-PA	225	25.9	hypothetical protein|protein_coding|X:18120272-18126140:-1|gene:AGAP000939	16	4	3
2871	AGAP001046-PA	443	49.3	hypothetical protein|protein_coding|X:20392368-20415666:-1|gene:AGAP001046	13.09	13	3
2872	AGAP001076-PD	525	59.8	hypothetical protein|protein_coding|X:22938096-22946654:-1|gene:AGAP001076	10.86	3	3
2873	AGAP001096-PA	223	24.2	hypothetical protein|protein_coding|2R:6718-7851:1|gene:AGAP001096	17.49	7	3
2874	AGAP001150-PA	972	108.8	hypothetical protein|protein_coding|2R:609030-612419:1|gene:AGAP001150	4.12	3	3
2875	AGAP001203-PA	168	19.2	hypothetical protein|protein_coding|2R:1496600-1497106:1|gene:AGAP001203	25.6	16	3
2876	AGAP001205-PA	1586	181.6	hypothetical protein|protein_coding|2R:1501390-1513371:1|gene:AGAP001205	1.95	3	3
2877	AGAP001207-PA	203	22.7	hypothetical protein|protein_coding|2R:1560280-1564387:1|gene:AGAP001207	25.62	5	3
2878	AGAP001212-PB	205	23.3	Peptidoglycan Recognition Protein (Long) Transcript 2|protein_coding|2R:1593824-1595243:1|gene:AGAP001212	20.98	8	3
2879	AGAP001287-PA	1172	133.2	hypothetical protein|protein_coding|2R:2476347-2498876:-1|gene:AGAP001287	3.84	5	3
2880	AGAP001297-PA	379	42.1	hypothetical protein|protein_coding|2R:2646276-2647697:-1|gene:AGAP001297	12.93	9	3
2881	AGAP001298-PA	1049	112.4	hypothetical protein|protein_coding|2R:2648269-2653546:1|gene:AGAP001298	5.43	4	3
2882	AGAP001315-PE	1170	128.8	hypothetical protein|protein_coding|2R:2882539-2977390:-1|gene:AGAP001315	5.3	6	3
2883	AGAP001401-PA	213	23.8	hypothetical protein|protein_coding|2R:4192574-4193404:-1|gene:AGAP001401	14.08	4	3
2884	AGAP001409-PA	153	18.0	odorant binding protein, antennal|protein_coding|2R:4211082-4211688:-1|gene:AGAP001409	18.95	6	3
2885	AGAP001415-PA	887	98.4	hypothetical protein|protein_coding|2R:4572745-4585913:-1|gene:AGAP001415	4.51	3	3
2886	AGAP001416-PA	212	24.1	hypothetical protein|protein_coding|2R:4586620-4587258:-1|gene:AGAP001416	16.04	5	3
2887	AGAP001442-PA	357	40.1	hypothetical protein|protein_coding|2R:5057406-5058655:1|gene:AGAP001442	15.13	6	3

2888	AGAP001446-PA	741	82.0	hypothetical protein|protein_coding|2R:5140730-5182836:-1|gene:AGAP001446	6.61	5	3
2889	AGAP001446-PD	562	63.8	hypothetical protein|protein_coding|2R:5140730-5142959:-1|gene:AGAP001446	10.32	7	3
2890	AGAP001491-PA	238	26.8	hypothetical protein|protein_coding|2R:5559163-5559879:-1|gene:AGAP001491	18.07	9	3
2891	AGAP001550-PA	595	65.9	hypothetical protein|protein_coding|2R:6104668-6108266:1|gene:AGAP001550	6.89	11	3
2892	AGAP001624-PA	390	43.3	hypothetical protein|protein_coding|2R:6980725-6983523:1|gene:AGAP001624	8.21	11	3
2893	AGAP001644-PB	270	30.1	hypothetical protein|protein_coding|2R:7262808-7265514:-1|gene:AGAP001644	15.19	10	3
2894	AGAP001686-PA	134	15.5	hypothetical protein|protein_coding|2R:8447654-8448231:1|gene:AGAP001686	31.34	7	3
2895	AGAP001694-PA	1076	121.0	hypothetical protein|protein_coding|2R:8673924-8678386:1|gene:AGAP001694	4.37	3	3
2896	AGAP001703-PA	142	17.0	hypothetical protein|protein_coding|2R:8805622-8806222:-1|gene:AGAP001703	20.42	7	3
2897	AGAP001707-PA	511	56.5	hypothetical protein|protein_coding|2R:8840695-8843819:1|gene:AGAP001707	9.98	4	3
2898	AGAP001749-PA	222	24.4	hypothetical protein|protein_coding|2R:9284440-9285456:1|gene:AGAP001749	22.97	6	3
2899	AGAP001751-PC	212	24.0	hypothetical protein|protein_coding|2R:9384182-9397252:1|gene:AGAP001751	22.64	11	3
2900	AGAP001788-PA	305	34.9	hypothetical protein|protein_coding|2R:10482093-10483154:-1|gene:AGAP001788	9.18	4	3
2901	AGAP001789-PA	448	49.7	hypothetical protein|protein_coding|2R:10483636-10485119:1|gene:AGAP001789	10.27	5	3
2902	AGAP001800-PB	473	51.3	hypothetical protein|protein_coding|2R:10599238-10606185:1|gene:AGAP001800	6.98	6	3
2903	AGAP001816-PA	263	29.3	hypothetical protein|protein_coding|2R:10866333-10867233:-1|gene:AGAP001816	16.73	4	3
2904	AGAP001825-PA	330	36.3	hypothetical protein|protein_coding|2R:11021083-11022159:1|gene:AGAP001825	11.21	7	3
2905	AGAP001886-PA	717	71.5	hypothetical protein|protein_coding|2R:11889370-11894017:-1|gene:AGAP001886	9.07	4	3

2906	AGAP001898-PA	329	37.2	hypothetical protein|protein_coding|2R:11953970-11954959:-1|gene:AGAP001898	14.29	4	3
2907	AGAP001945-PA	626	66.1	hypothetical protein|protein_coding|2R:12721360-12723240:-1|gene:AGAP001945	8.31	4	3
2908	AGAP001981-PA	176	19.9	hypothetical protein|protein_coding|2R:13098416-13099096:-1|gene:AGAP001981	25	7	3
2909	AGAP001994-PA	763	81.1	hypothetical protein|protein_coding|2R:13315905-13318196:1|gene:AGAP001994	6.68	5	3
2910	AGAP001998-PA	163	19.0	hypothetical protein|protein_coding|2R:13322965-13323598:-1|gene:AGAP001998	21.47	4	3
2911	AGAP002019-PA	347	38.0	hypothetical protein|protein_coding|2R:14010509-14011699:-1|gene:AGAP002019	18.73	5	3
2912	AGAP002094-PA	854	95.4	hypothetical protein|protein_coding|2R:15257859-15262080:-1|gene:AGAP002094	5.15	13	3
2913	AGAP002113-PA	124	13.5	hypothetical protein|protein_coding|2R:15755691-15757700:1|gene:AGAP002113	40.32	11	3
2914	AGAP002149-PA	901	91.8	hypothetical protein|protein_coding|2R:16458342-16461223:1|gene:AGAP002149	4.66	5	3
2915	AGAP002161-PB	571	64.4	hypothetical protein|protein_coding|2R:16629863-16635038:1|gene:AGAP002161	5.43	7	3
2916	AGAP002175-PA	378	42.3	hypothetical protein|protein_coding|2R:16900025-16901556:1|gene:AGAP002175	8.47	9	3
2917	AGAP002216-PA	226	25.8	hypothetical protein|protein_coding|2R:17688611-17689368:1|gene:AGAP002216	13.72	6	3
2918	AGAP002218-PA	268	31.9	hypothetical protein|protein_coding|2R:17694497-17695450:1|gene:AGAP002218	14.18	4	3
2919	AGAP002221-PA	480	53.4	hypothetical protein|protein_coding|2R:17704550-17706145:-1|gene:AGAP002221	10.42	4	3
2920	AGAP002263-PC	406	45.6	hypothetical protein|protein_coding|2R:18344402-18346597:-1|gene:AGAP002263	14.04	3	3
2921	AGAP002277-PA	89	10.1	hypothetical protein|protein_coding|2R:18513486-18513922:1|gene:AGAP002277	41.57	16	3
2922	AGAP002301-PA	144	17.0	hypothetical protein|protein_coding|2R:19036150-19036689:-1|gene:AGAP002301	18.75	4	3
2923	AGAP002348-PA	439	48.8	hypothetical protein|protein_coding|2R:20506408-20507810:-1|gene:AGAP002348	13.21	7	3

2924	AGAP002366-PA	597	65.1	hypothetical protein|protein_coding|2R:20672967-20677672:1|gene:AGAP002366	7.37	14	3
2925	AGAP002400-PA	410	46.6	hypothetical protein|protein_coding|2R:20953663-20955038:-1|gene:AGAP002400	9.02	5	3
2926	AGAP002404-PA	830	94.2	hypothetical protein|protein_coding|2R:20970024-20972749:1|gene:AGAP002404	5.54	5	3
2927	AGAP002419-PA	505	57.5	hypothetical protein|protein_coding|2R:21065412-21067544:1|gene:AGAP002419	7.92	6	3
2928	AGAP002429-PA	558	63.8	hypothetical protein|protein_coding|2R:21226531-21228741:-1|gene:AGAP002429	7.35	6	3
2929	AGAP002462-PA	374	41.7	putative rhodopsin receptor 7|protein_coding|2R:21814022-21815246:1|gene:AGAP002462	8.02	178	3
2930	AGAP002498-PA	905	104.1	hypothetical protein|protein_coding|2R:22042257-22045406:-1|gene:AGAP002498	4.53	6	3
2931	AGAP002500-PA	145	15.9	hypothetical protein|protein_coding|2R:22049646-22050154:-1|gene:AGAP002500	29.66	8	3
2932	AGAP002508-PA	1057	120.1	hypothetical protein|protein_coding|2R:22123544-22127039:-1|gene:AGAP002508	2.27	4	3
2933	AGAP002579-PA	1107	121.2	hypothetical protein|protein_coding|2R:23266440-23271869:1|gene:AGAP002579	3.79	4	3
2934	AGAP002583-PA	482	53.0	hypothetical protein|protein_coding|2R:23280868-23282316:1|gene:AGAP002583	11.2	12	3
2935	AGAP002594-PA	234	26.4	hypothetical protein|protein_coding|2R:23681196-23682316:1|gene:AGAP002594	15.81	16	3
2936	AGAP002603-PA	705	77.8	hypothetical protein|protein_coding|2R:23826480-23830712:1|gene:AGAP002603	7.52	6	3
2937	AGAP002618-PA	1190	134.2	hypothetical protein|protein_coding|2R:24241145-24244933:-1|gene:AGAP002618	4.12	6	3
2938	AGAP002638-PA	776	86.1	hypothetical protein|protein_coding|2R:24844985-24847767:1|gene:AGAP002638	5.03	4	3
2939	AGAP002657-PA	288	33.3	hypothetical protein|protein_coding|2R:25203510-25204451:-1|gene:AGAP002657	10.76	8	3
2940	AGAP002680-PA	1053	119.6	hypothetical protein|protein_coding|2R:25598046-25601310:-1|gene:AGAP002680	5.89	6	3
2941	AGAP002686-PA	565	63.2	hypothetical protein|protein_coding|2R:25618249-25620016:1|gene:AGAP002686	8.14	4	3

2942	AGAP002737-PB	1759	197.4	hypothetical protein|protein_coding|2R:26384868-26394614:1|gene:AGAP002737	2.79	6	3
2943	AGAP002758-PA	471	48.3	hypothetical protein|protein_coding|2R:26775064-26776800:1|gene:AGAP002758	11.68	4	3
2944	AGAP002783-PA	536	59.7	hypothetical protein|protein_coding|2R:27181768-27186305:-1|gene:AGAP002783	7.46	10	3
2945	AGAP002800-PA	616	66.7	hypothetical protein|protein_coding|2R:27653016-27655262:1|gene:AGAP002800	7.31	5	3
2946	AGAP002808-PA	238	26.5	hypothetical protein|protein_coding|2R:27877043-27877912:-1|gene:AGAP002808	15.97	5	3
2947	AGAP002825-PA	683	79.3	AGAP002825-PA|Prophenoloxidase|protein_coding|2R:28007511-28014732:-1|gene:AGAP002825	4.54	3	3
2948	AGAP002878-PA	98	11.0	hypothetical protein|protein_coding|2R:28575574-28575870:-1|gene:AGAP002878	33.67	15	3
2949	AGAP002891-PC	1058	117.7	putative metabotropic glutamate receptor 4|protein_coding|2R:28944587-28951210:-1|gene:AGAP002891	3.88	6	3
2950	AGAP002896-PA	537	55.8	hypothetical protein|protein_coding|2R:28997201-29014636:-1|gene:AGAP002896	8.57	6	3
2951	AGAP002909-PB	251	28.2	hypothetical protein|protein_coding|2R:29198983-29203672:1|gene:AGAP002909	12.35	9	3
2952	AGAP002927-PA	1494	161.6	hypothetical protein|protein_coding|2R:29692695-29710307:-1|gene:AGAP002927	3.01	7	3
2953	AGAP002933-PA	587	66.1	hypothetical protein|protein_coding|2R:29833498-29837923:-1|gene:AGAP002933	6.13	5	3
2954	AGAP002943-PA	615	67.2	hypothetical protein|protein_coding|2R:29989435-29991526:1|gene:AGAP002943	9.27	5	3
2955	AGAP002956-PA	251	28.6	hypothetical protein|protein_coding|2R:30114591-30115536:1|gene:AGAP002956	21.91	7	3
2956	AGAP003015-PA	424	47.8	Argininosuccinate synthase (EC 6.3.4.5)(Citrulline--aspartate ligase)|protein_coding|2R:31179223-31180648:1|gene:AGAP003015	8.25	5	3
2957	AGAP003039-PA	532	58.0	hypothetical protein|protein_coding|2R:31351655-31363802:-1|gene:AGAP003039	7.52	7	3
2958	AGAP003118-PA	1322	140.5	hypothetical protein|protein_coding|2R:32877516-32882835:1|gene:AGAP003118	4.46	7	3
2959	AGAP003134-PA	137	15.1	hypothetical protein|protein_coding|2R:33121110-33121630:1|gene:AGAP003134	31.39	22	3

2960	AGAP003154-PB	113	12.7	hypothetical protein|protein_coding|2R:33392604-33392945:1|gene:AGAP003154	30.09	9	3
2961	AGAP003182-PA	1223	137.3	hypothetical protein|protein_coding|2R:33613728-33617751:1|gene:AGAP003182	2.94	4	3
2962	AGAP003202-PA	983	112.3	hypothetical protein|protein_coding|2R:33806764-33810683:-1|gene:AGAP003202	4.48	4	3
2963	AGAP003206-PB	794	85.3	hypothetical protein|protein_coding|2R:33850971-33864064:-1|gene:AGAP003206	12.85	6	3
2964	AGAP003237-PA	442	49.2	hypothetical protein|protein_coding|2R:34317737-34319336:1|gene:AGAP003237	9.5	9	3
2965	AGAP003271-PA	4663	536.5	hypothetical protein|protein_coding|2R:34740990-34762354:-1|gene:AGAP003271	0.51	3	3
2966	AGAP003302-PA	400	43.9	hypothetical protein|protein_coding|2R:35342842-35344387:1|gene:AGAP003302	8	5	3
2967	AGAP003321-PA	227	25.9	hypothetical protein|protein_coding|2R:35962553-35969899:1|gene:AGAP003321	18.94	9	3
2968	AGAP003372-PA	248	27.2	hypothetical protein|protein_coding|2R:36925858-36928846:1|gene:AGAP003372	26.61	15	3
2969	AGAP003378-PB	113	11.7	cuticular protein 116, RR-2 family|protein_coding|2R:37171160-37171655:-1|gene:AGAP003378	44.25	22	3
2970	AGAP003402-PA	1136	124.2	hypothetical protein|protein_coding|2R:37410852-37415092:-1|gene:AGAP003402	3.26	3	3
2971	AGAP003478-PA	227	25.8	hypothetical protein|protein_coding|2R:38189136-38190231:-1|gene:AGAP003478	15.42	17	3
2972	AGAP003488-PA	454	50.5	hypothetical protein|protein_coding|2R:38600024-38601388:-1|gene:AGAP003488	12.56	4	3
2973	AGAP003492-PC	480	51.3	hypothetical protein|protein_coding|2R:38634314-38646643:1|gene:AGAP003492	10.21	25	3
2974	AGAP003507-PA	221	25.1	hypothetical protein|protein_coding|2R:38774943-38775688:-1|gene:AGAP003507	15.38	7	3
2975	AGAP003538-PA	104	12.5	hypothetical protein|protein_coding|2R:39333999-39334678:1|gene:AGAP003538	19.23	10	3
2976	AGAP003576-PA	922	103.9	hypothetical protein|protein_coding|2R:40087787-40091939:-1|gene:AGAP003576	4.77	3	3
2977	AGAP003663-PB	555	61.0	hypothetical protein|protein_coding|2R:41327518-41332985:1|gene:AGAP003663	6.67	7	3

2978	AGAP003680-PA	777	85.1	hypothetical protein|protein_coding|2R:41908301-41914506:1|gene:AGAP003680	5.02	11	3
2979	AGAP003686-PA	368	39.8	hypothetical protein|protein_coding|2R:42010029-42011300:-1|gene:AGAP003686	15.22	5	3
2980	AGAP003713-PA	117	12.8	hypothetical protein|protein_coding|2R:42306933-42307364:-1|gene:AGAP003713	18.8	22	3
2981	AGAP003716-PA	343	39.3	AGAP003716-PA|Twinfilin|protein_coding|2R:42410896-42412240:1|gene:AGAP003716	17.78	21	3
2982	AGAP003747-PA	182	20.6	hypothetical protein|protein_coding|2R:42875588-42876311:-1|gene:AGAP003747	24.18	6	3
2983	AGAP003758-PA	410	46.4	hypothetical protein|protein_coding|2R:43091754-43093231:-1|gene:AGAP003758	12.2	4	3
2984	AGAP003777-PA	164	19.7	hypothetical protein|protein_coding|2R:43154665-43155376:1|gene:AGAP003777	30.49	9	3
2985	AGAP003789-PC	281	30.9	hypothetical protein|protein_coding|2R:43322141-43324005:1|gene:AGAP003789	16.37	9	3
2986	AGAP003806-PA	364	38.3	hypothetical protein|protein_coding|2R:43480712-43483336:1|gene:AGAP003806	11.54	3	3
2987	AGAP003814-PA	231	26.2	hypothetical protein|protein_coding|2R:43726908-43727758:1|gene:AGAP003814	21.65	13	3
2988	AGAP003817-PA	910	98.1	hypothetical protein|protein_coding|2R:43734331-43738443:1|gene:AGAP003817	4.29	7	3
2989	AGAP003826-PA	243	26.9	hypothetical protein|protein_coding|2R:43800639-43801370:1|gene:AGAP003826	14.4	7	3
2990	AGAP003843-PA	278	31.8	hypothetical protein|protein_coding|2R:44296234-44297070:-1|gene:AGAP003843	14.75	5	3
2991	AGAP003895-PA	642	72.7	hypothetical protein|protein_coding|2R:45678637-45682397:-1|gene:AGAP003895	5.14	4	3
2992	AGAP003960-PA	579	64.5	hypothetical protein|protein_coding|2R:47008878-47010785:1|gene:AGAP003960	6.39	3	3
2993	AGAP004014-PA	469	53.9	hypothetical protein|protein_coding|2R:47875209-47876693:-1|gene:AGAP004014	9.59	7	3
2994	AGAP004070-PA	709	79.7	hypothetical protein|protein_coding|2R:49464098-49466314:-1|gene:AGAP004070	4.65	4	3
2995	AGAP004108-PB	326	36.1	hypothetical protein|protein_coding|2R:50045490-50046672:-1|gene:AGAP004108	14.42	4	3

2996	AGAP004204-PA	224	24.7	hypothetical protein|protein_coding|2R:51856050-51857135:-1|gene:AGAP004204	20.98	8	3
2997	AGAP004206-PA	755	84.3	hypothetical protein|protein_coding|2R:51861297-51863701:1|gene:AGAP004206	1.72	22	3
2998	AGAP004251-PA	685	73.4	hypothetical protein|protein_coding|2R:53276268-53278810:-1|gene:AGAP004251	8.47	6	3
2999	AGAP004262-PA	245	27.2	hypothetical protein|protein_coding|2R:53459457-53461663:1|gene:AGAP004262	15.92	4	3
3000	AGAP004263-PA	248	27.5	hypothetical protein|protein_coding|2R:53468012-53469656:1|gene:AGAP004263	18.95	14	3
3001	AGAP004273-PB	357	38.0	hypothetical protein|protein_coding|2R:53544001-53562796:-1|gene:AGAP004273	10.64	4	3
3002	AGAP004284-PA	621	71.9	hypothetical protein|protein_coding|2R:53882941-53884806:1|gene:AGAP004284	6.92	31	3
3003	AGAP004412-PA	286	32.0	hypothetical protein|protein_coding|2R:55845010-55845935:-1|gene:AGAP004412	21.68	7	3
3004	AGAP004417-PA	478	53.5	hypothetical protein|protein_coding|2R:55851429-55852972:-1|gene:AGAP004417	9	11	3
3005	AGAP004425-PA	235	27.0	hypothetical protein|protein_coding|2R:55885157-55886266:1|gene:AGAP004425	18.3	4	3
3006	AGAP004463-PA	274	32.1	hypothetical protein|protein_coding|2R:56713807-56714721:-1|gene:AGAP004463	10.22	4	3
3007	AGAP004469-PA	271	31.8	hypothetical protein|protein_coding|2R:56727963-56729183:-1|gene:AGAP004469	15.13	5	3
3008	AGAP004485-PA	595	64.2	hypothetical protein|protein_coding|2R:56833500-56835287:-1|gene:AGAP004485	8.4	6	3
3009	AGAP004546-PA	919	106.4	hypothetical protein|protein_coding|2R:57515832-57518978:1|gene:AGAP004546	6.64	3	3
3010	AGAP004592-PG	132	15.2	hypothetical protein|protein_coding|2R:58139691-58141795:-1|gene:AGAP004592	21.21	7	3
3011	AGAP004621-PA	548	64.0	hypothetical protein|protein_coding|2R:58622090-58623736:-1|gene:AGAP004621	6.75	11	3
3012	AGAP004629-PA	149	17.3	hypothetical protein|protein_coding|2R:58639404-58640141:1|gene:AGAP004629	29.53	8	3
3013	AGAP004631-PA	223	26.1	hypothetical protein|protein_coding|2R:58673986-58675906:-1|gene:AGAP004631	26.01	5	3

3014	AGAP004721-PA	494	56.2	hypothetical protein|protein_coding|2L:2749855-2751776:-1|gene:AGAP004721	9.51	8	3
3015	AGAP004726-PA	553	61.4	hypothetical protein|protein_coding|2L:2805466-2807762:-1|gene:AGAP004726	9.22	10	3
3016	AGAP004746-PB	692	78.8	hypothetical protein|protein_coding|2L:3030774-3033159:1|gene:AGAP004746	4.48	3	3
3017	AGAP004788-PA	50	5.3	hypothetical protein|protein_coding|2L:3573816-3574066:1|gene:AGAP004788	84	26	3
3018	AGAP004794-PA	398	43.2	hypothetical protein|protein_coding|2L:3597065-3598346:1|gene:AGAP004794	13.82	5	3
3019	AGAP004852-PB	472	52.4	hypothetical protein|protein_coding|2L:4472157-4474213:-1|gene:AGAP004852	8.05	5	3
3020	AGAP004861-PA	269	30.4	hypothetical protein|protein_coding|2L:4512483-4516244:-1|gene:AGAP004861	12.64	5	3
3021	AGAP004903-PA	240	26.9	hypothetical protein|protein_coding|2L:5769012-5769799:-1|gene:AGAP004903	19.58	8	3
3022	AGAP004976-PA	700	79.2	AGAP004976-PA|Prophenoloxidase|protein_coding|2L:7448120-7450491:-1|gene:AGAP004976	4.57	9	3
3023	AGAP004987-PA	206	21.9	hypothetical protein|protein_coding|2L:7545690-7546381:1|gene:AGAP004987	22.82	7	3
3024	AGAP004989-PA	1729	186.0	hypothetical protein|protein_coding|2L:7555635-7581711:-1|gene:AGAP004989	3.41	4	3
3025	AGAP005005-PA	416	48.1	hypothetical protein|protein_coding|2L:7795366-7804422:1|gene:AGAP005005	7.93	7	3
3026	AGAP005046-PA	94	11.4	hypothetical protein|protein_coding|2L:8792785-8793161:1|gene:AGAP005046	37.23	13	3
3027	AGAP005062-PA	644	69.3	hypothetical protein|protein_coding|2L:9155562-9158252:1|gene:AGAP005062	11.65	9	3
3028	AGAP005076-PD	280	31.8	hypothetical protein|protein_coding|2L:9686988-9692210:1|gene:AGAP005076	15	6	3
3029	AGAP005103-PA	377	40.8	hypothetical protein|protein_coding|2L:10139878-10141322:-1|gene:AGAP005103	15.12	14	3
3030	AGAP005108-PB	357	39.4	hypothetical protein|protein_coding|2L:10199390-10201996:1|gene:AGAP005108	11.76	6	3
3031	AGAP005117-PA	221	24.6	hypothetical protein|protein_coding|2L:10242020-10244046:-1|gene:AGAP005117	25.79	10	3

3032	AGAP005188-PA	676	74.3	hypothetical protein|protein_coding|2L:12143534-12147331:1|gene:AGAP005188	9.47	15	3
3033	AGAP005248-PA	280	30.7	hypothetical protein|protein_coding|2L:13100886-13118081:1|gene:AGAP005248	12.5	5	3
3034	AGAP005254-PA	440	48.2	hypothetical protein|protein_coding|2L:13228800-13231689:-1|gene:AGAP005254	7.95	9	3
3035	AGAP005260-PA	211	24.1	hypothetical protein|protein_coding|2L:13356664-13357372:-1|gene:AGAP005260	29.38	10	3
3036	AGAP005322-PA	792	85.0	hypothetical protein|protein_coding|2L:14042147-14044525:1|gene:AGAP005322	5.43	8	3
3037	AGAP005351-PA	640	73.8	hypothetical protein|protein_coding|2L:14446088-14450690:-1|gene:AGAP005351	8.28	5	3
3038	AGAP005376-PA	223	23.0	hypothetical protein|protein_coding|2L:14726820-14727896:-1|gene:AGAP005376	19.28	12	3
3039	AGAP005410-PC	205	23.3	hypothetical protein|protein_coding|2L:15212632-15213249:1|gene:AGAP005410	24.39	10	3
3040	AGAP005414-PA	466	52.7	hypothetical protein|protein_coding|2L:15338749-15340149:-1|gene:AGAP005414	9.66	5	3
3041	AGAP005460-PA	521	58.3	hypothetical protein|protein_coding|2L:15808220-15809859:1|gene:AGAP005460	6.72	5	3
3042	AGAP005502-PA	244	26.3	hypothetical protein|protein_coding|2L:16247230-16249286:1|gene:AGAP005502	20.49	6	3
3043	AGAP005507-PC	127	13.6	hypothetical protein|protein_coding|2L:16372030-16376387:1|gene:AGAP005507	25.98	10	3
3044	AGAP005510-PA	799	89.5	hypothetical protein|protein_coding|2L:16489972-16536882:-1|gene:AGAP005510	5.13	4	3
3045	AGAP005533-PA	3805	432.1	hypothetical protein|protein_coding|2L:16670854-16684143:-1|gene:AGAP005533	0.81	4	3
3046	AGAP005536-PA	934	102.2	hypothetical protein|protein_coding|2L:16829285-16839061:1|gene:AGAP005536	5.67	11	3
3047	AGAP005556-PB	250	27.7	hypothetical protein|protein_coding|2L:17005550-17007057:-1|gene:AGAP005556	17.2	9	3
3048	AGAP005563-PB	490	53.0	Facilitated trehalose transporter Tret1 (AgTRET1)|protein_coding|2L:17077660-17080334:1|gene:AGAP005563	5.71	9	3
3049	AGAP005615-PA	278	33.6	hypothetical protein|protein_coding|2L:17874189-17875176:1|gene:AGAP005615	10.07	4	3

3050	AGAP005631-PA	461	50.9	hypothetical protein|protein_coding|2L:18015541-18017063:-1|gene:AGAP005631	17.35	5	3
3051	AGAP005665-PA	300	31.6	hypothetical protein|protein_coding|2L:18503475-18504377:1|gene:AGAP005665	10.33	18	3
3052	AGAP005729-PA	485	55.8	hypothetical protein|protein_coding|2L:19791508-19873273:-1|gene:AGAP005729	8.25	3	3
3053	AGAP005775-PA	241	26.6	hypothetical protein|protein_coding|2L:20498451-20499992:1|gene:AGAP005775	11.2	8	3
3054	AGAP005825-PA	430	48.2	hypothetical protein|protein_coding|2L:22052936-22054405:-1|gene:AGAP005825	14.65	5	3
3055	AGAP005840-PA	1299	140.4	hypothetical protein|protein_coding|2L:22379862-22417899:1|gene:AGAP005840	4.23	4	3
3056	AGAP005853-PA	753	84.2	hypothetical protein|protein_coding|2L:22610866-22613327:1|gene:AGAP005853	4.91	8	3
3057	AGAP005901-PC	1007	111.7	hypothetical protein|protein_coding|2L:23476693-23482904:1|gene:AGAP005901	3.97	7	3
3058	AGAP005904-PA	353	40.4	hypothetical protein|protein_coding|2L:23576589-23590269:1|gene:AGAP005904	12.18	10	3
3059	AGAP005910-PA	419	45.0	hypothetical protein|protein_coding|2L:23608096-23609654:1|gene:AGAP005910	16.95	5	3
3060	AGAP005920-PA	258	28.4	hypothetical protein|protein_coding|2L:23683320-23684096:1|gene:AGAP005920	18.6	5	3
3061	AGAP005942-PA	391	42.9	hypothetical protein|protein_coding|2L:23921625-23923788:-1|gene:AGAP005942	12.53	5	3
3062	AGAP005963-PB	1325	138.9	hypothetical protein|protein_coding|2L:24098156-24105375:-1|gene:AGAP005963	2.34	3	3
3063	AGAP005980-PA	330	36.6	hypothetical protein|protein_coding|2L:24446360-24447516:1|gene:AGAP005980	16.67	4	3
3064	AGAP005999-PA	109	12.0	cuticular protein 24, RR-1 family|protein_coding|2L:24624266-24624595:-1|gene:AGAP005999	62.39	47	3
3065	AGAP006009-PA	101	11.4	cuticular protein 30, RR-1 family|protein_coding|2L:24639941-24641293:-1|gene:AGAP006009	38.61	8	3
3066	AGAP006028-PA	555	61.3	hypothetical protein|protein_coding|2L:25363652-25434556:1|gene:AGAP006028	12.07	10	3
3067	AGAP006031-PA	629	67.0	hypothetical protein|protein_coding|2L:25462637-25466715:1|gene:AGAP006031	7.47	5	3

3068	AGAP006117-PA	328	37.6	hypothetical protein|protein_coding|2L:26902955-26904323:1|gene:AGAP006117	13.11	10	3
3069	AGAP006139-PA	626	67.9	hypothetical protein|protein_coding|2L:27086364-27089405:1|gene:AGAP006139	10.7	4	3
3070	AGAP006207-PA	415	46.6	hypothetical protein|protein_coding|2L:28254825-28256356:1|gene:AGAP006207	9.64	7	3
3071	AGAP006240-PA	722	79.4	hypothetical protein|protein_coding|2L:28581656-28584133:-1|gene:AGAP006240	6.23	5	3
3072	AGAP006261-PA	256	29.4	cuticular protein 135, RR-2 family|protein_coding|2L:28743255-28746098:-1|gene:AGAP006261	20.7	9	3
3073	AGAP006269-PA	1091	121.3	hypothetical protein|protein_coding|2L:28923399-28926984:-1|gene:AGAP006269	2.93	8	3
3074	AGAP006279-PA	190	21.6	hypothetical protein|protein_coding|2L:29397620-29401136:1|gene:AGAP006279	20	7	3
3075	AGAP006342-PA	188	20.0	Peptidoglycan Recognition Protein (Short)|protein_coding|2L:29969584-29970150:-1|gene:AGAP006342	33.51	9	3
3076	AGAP006343-PA	188	20.0	Peptidoglycan Recognition Protein (Short)|protein_coding|2L:29973864-29974430:1|gene:AGAP006343	31.38	6	3
3077	AGAP006391-PA	439	49.7	hypothetical protein|protein_coding|2L:31052072-31053391:1|gene:AGAP006391	7.06	3	3
3078	AGAP006410-PA	347	35.8	hypothetical protein|protein_coding|2L:31571832-31577223:1|gene:AGAP006410	14.12	18	3
3079	AGAP006419-PA	257	28.1	hypothetical protein|protein_coding|2L:31688799-31689725:1|gene:AGAP006419	18.29	8	3
3080	AGAP006427-PB	1330	148.6	hypothetical protein|protein_coding|2L:31736738-31742474:-1|gene:AGAP006427	2.86	4	3
3081	AGAP006430-PB	218	24.9	C-Type Lectin (CTL) - galactose binding.|protein_coding|2L:31772242-31780811:1|gene:AGAP006430	25.23	8	3
3082	AGAP006442-PA	119	12.9	hypothetical protein|protein_coding|2L:32055183-32055653:1|gene:AGAP006442	36.97	4	3
3083	AGAP006511-PA	470	53.6	hypothetical protein|protein_coding|2L:33289112-33291140:1|gene:AGAP006511	9.57	7	3
3084	AGAP006548-PA	163	17.7	hypothetical protein|protein_coding|2L:34111697-34113115:1|gene:AGAP006548	26.99	14	3
3085	AGAP006615-PA	406	44.8	hypothetical protein|protein_coding|2L:34740587-34742256:1|gene:AGAP006615	9.85	5	3

3086	AGAP006630-PA	70	8.2	hypothetical protein|protein_coding|2L:34792931-34793369:1|gene:AGAP006630	40	24	3
3087	AGAP006632-PA	753	86.6	hypothetical protein|protein_coding|2L:34856394-34859449:1|gene:AGAP006632	5.58	4	3
3088	AGAP006659-PA	703	79.6	hypothetical protein|protein_coding|2L:36422878-36424989:-1|gene:AGAP006659	6.54	4	3
3089	AGAP006675-PA	302	32.1	hypothetical protein|protein_coding|2L:36647008-36647916:1|gene:AGAP006675	13.58	8	3
3090	AGAP006685-PA	292	31.0	hypothetical protein|protein_coding|2L:36686229-36687107:1|gene:AGAP006685	17.47	6	3
3091	AGAP006745-PA	290	31.5	hypothetical protein|protein_coding|2L:37707318-37709746:1|gene:AGAP006745	20	7	3
3092	AGAP006771-PA	544	61.2	hypothetical protein|protein_coding|2L:38076490-38091167:1|gene:AGAP006771	4.6	4	3
3093	AGAP006788-PA	222	25.1	hypothetical protein|protein_coding|2L:38278596-38279264:1|gene:AGAP006788	19.37	8	3
3094	AGAP006802-PA	340	38.8	hypothetical protein|protein_coding|2L:38668428-38669600:-1|gene:AGAP006802	13.82	5	3
3095	AGAP006804-PA	273	30.2	hypothetical protein|protein_coding|2L:38672820-38673641:1|gene:AGAP006804	18.32	7	3
3096	AGAP006869-PA	272	28.2	hypothetical protein|protein_coding|2L:39278059-39279025:-1|gene:AGAP006869	16.91	5	3
3097	AGAP006873-PA	219	24.6	hypothetical protein|protein_coding|2L:39302116-39306607:-1|gene:AGAP006873	15.07	41	3
3098	AGAP006899-PA	108	11.8	hypothetical protein|protein_coding|2L:39585663-39586049:1|gene:AGAP006899	31.48	12	3
3099	AGAP006943-PA	535	59.9	hypothetical protein|protein_coding|2L:40190504-40192395:-1|gene:AGAP006943	8.79	9	3
3100	AGAP006964-PA	209	23.9	hypothetical protein|protein_coding|2L:40279733-40280542:-1|gene:AGAP006964	18.18	5	3
3101	AGAP006970-PA	274	24.4	hypothetical protein|protein_coding|2L:40421820-40423814:1|gene:AGAP006970	20.07	9	3
3102	AGAP007018-PA	486	53.5	hypothetical protein|protein_coding|2L:40987418-40991827:-1|gene:AGAP007018	11.73	6	3
3103	AGAP007035-PA	554	63.8	Anopheles Plasmodium-responsive Leucine-Pich Repeat 1B|protein_coding|2L:41266619-41268364:-1|gene:AGAP007035	6.86	4	3

3104	AGAP007064-PA	168	19.2	hypothetical protein|protein_coding|2L:42132153-42132809:1|gene:AGAP007064	32.14	8	3
3105	AGAP007080-PA	686	77.6	hypothetical protein|protein_coding|2L:42230022-42233168:-1|gene:AGAP007080	6.27	8	3
3106	AGAP007144-PA	445	51.4	hypothetical protein|protein_coding|2L:43566229-43567633:1|gene:AGAP007144	6.97	3	3
3107	AGAP007146-PA	169	18.7	hypothetical protein|protein_coding|2L:43576940-43577529:-1|gene:AGAP007146	22.49	13	3
3108	AGAP007172-PA	254	29.5	hypothetical protein|protein_coding|2L:43818807-43819793:1|gene:AGAP007172	11.81	6	3
3109	AGAP007202-PA	241	26.7	hypothetical protein|protein_coding|2L:44269904-44270705:-1|gene:AGAP007202	11.62	4	3
3110	AGAP007209-PB	228	24.6	hypothetical protein|protein_coding|2L:44331397-44342903:-1|gene:AGAP007209	26.75	58	3
3111	AGAP007238-PA	143	15.5	hypothetical protein|protein_coding|2L:44505628-44506563:-1|gene:AGAP007238	32.87	12	3
3112	AGAP007305-PA	642	71.8	hypothetical protein|protein_coding|2L:45115332-45121065:-1|gene:AGAP007305	5.76	5	3
3113	AGAP007307-PA	998	113.4	hypothetical protein|protein_coding|2L:45185036-45252048:1|gene:AGAP007307	6.41	5	3
3114	AGAP007333-PA	561	62.5	hypothetical protein|protein_coding|2L:45612392-45633848:1|gene:AGAP007333	6.42	5	3
3115	AGAP007396-PC	682	71.7	hypothetical protein|protein_coding|2L:46307779-46312767:1|gene:AGAP007396	6.16	7	3
3116	AGAP007492-PA	77	9.0	hypothetical protein|protein_coding|2L:46903948-46904181:-1|gene:AGAP007492	27.27	7	3
3117	AGAP007497-PA	168	18.2	Copper-Zinc (Cu-Zn) Superoxide Dismutase.|protein_coding|2L:46920389-46921978:-1|gene:AGAP007497	32.74	7	3
3118	AGAP007565-PB	574	62.8	hypothetical protein|protein_coding|2L:47724214-47726353:1|gene:AGAP007565	8.36	9	3
3119	AGAP007575-PA	153	18.2	hypothetical protein|protein_coding|2L:47792292-47792753:-1|gene:AGAP007575	26.8	9	3
3120	AGAP007589-PA	533	59.4	hypothetical protein|protein_coding|2L:48033195-48034951:-1|gene:AGAP007589	7.5	4	3
3121	AGAP007611-PA	1330	146.7	hypothetical protein|protein_coding|2L:48248229-48262769:1|gene:AGAP007611	3.01	5	3

3122	AGAP007625-PA	190	22.0	hypothetical protein|protein_coding|2L:48384841-48385593:-1|gene:AGAP007625	25.79	8	3
3123	AGAP007633-PE	456	50.4	hypothetical protein|protein_coding|2L:48504238-48509825:1|gene:AGAP007633	8.33	30	3
3124	AGAP007647-PA	499	53.9	hypothetical protein|protein_coding|2L:48691686-48693535:-1|gene:AGAP007647	6.81	5	3
3125	AGAP007674-PB	342	37.5	hypothetical protein|protein_coding|2L:48915809-48923730:-1|gene:AGAP007674	12.57	5	3
3126	AGAP007679-PA	200	21.0	hypothetical protein|protein_coding|2L:48971175-48972443:-1|gene:AGAP007679	19	6	3
3127	AGAP007718-PA	506	59.1	hypothetical protein|protein_coding|2L:49255659-49257728:1|gene:AGAP007718	6.52	5	3
3128	AGAP007721-PB	123	13.5	hypothetical protein|protein_coding|2L:49272258-49273580:1|gene:AGAP007721	44.72	8	3
3129	AGAP007727-PA	756	88.1	hypothetical protein|protein_coding|2L:49336839-49340250:1|gene:AGAP007727	5.56	5	3
3130	AGAP007737-PA	404	46.3	hypothetical protein|protein_coding|3R:150177-153466:1|gene:AGAP007737	7.67	3	3
3131	AGAP007753-PB	462	50.3	hypothetical protein|protein_coding|3R:267764-271182:-1|gene:AGAP007753	10.17	5	3
3132	AGAP007760-PA	318	35.9	hypothetical protein|protein_coding|3R:421995-423275:1|gene:AGAP007760	13.84	6	3
3133	AGAP007763-PA	225	25.0	hypothetical protein|protein_coding|3R:483006-483825:-1|gene:AGAP007763	19.11	6	3
3134	AGAP007860-PA	305	33.8	hypothetical protein|protein_coding|3R:2332267-2333345:1|gene:AGAP007860	16.07	6	3
3135	AGAP007882-PA	253	28.8	hypothetical protein|protein_coding|3R:2464384-2465145:-1|gene:AGAP007882	15.02	5	3
3136	AGAP007913-PA	79	8.9	hypothetical protein|protein_coding|3R:2721623-2722079:1|gene:AGAP007913	39.24	6	3
3137	AGAP007919-PA	1389	153.0	hypothetical protein|protein_coding|3R:2807292-2813444:-1|gene:AGAP007919	1.94	3	3
3138	AGAP007948-PA	1121	126.2	hypothetical protein|protein_coding|3R:3264641-3270478:-1|gene:AGAP007948	3.75	4	3
3139	AGAP007976-PA	194	22.5	hypothetical protein|protein_coding|3R:3622508-3646377:-1|gene:AGAP007976	20.1	14	3

3140	AGAP007992-PA	556	60.7	hypothetical protein|protein_coding|3R:3850571-3854608:-1|gene:AGAP007992	10.61	5	3
3141	AGAP007996-PA	462	52.8	hypothetical protein|protein_coding|3R:3941700-3968162:1|gene:AGAP007996	10.39	3	3
3142	AGAP007998-PA	630	71.4	hypothetical protein|protein_coding|3R:3976727-3979643:1|gene:AGAP007998	7.14	4	3
3143	AGAP008007-PA	778	90.4	hypothetical protein|protein_coding|3R:4014450-4019293:1|gene:AGAP008007	4.24	3	3
3144	AGAP008052-PA	127	14.8	hypothetical protein|protein_coding|3R:4868812-4869195:1|gene:AGAP008052	22.83	9	3
3145	AGAP008117-PA	2266	244.9	hypothetical protein|protein_coding|3R:5876959-5885228:1|gene:AGAP008117	1.72	7	3
3146	AGAP008122-PA	126	13.3	hypothetical protein|protein_coding|3R:5906240-5906703:1|gene:AGAP008122	25.4	7	3
3147	AGAP008149-PA	368	40.4	hypothetical protein|protein_coding|3R:6205473-6206579:1|gene:AGAP008149	14.13	5	3
3148	AGAP008179-PA	507	57.1	Class B Scavenger Receptor (CD36 domain).|protein_coding|3R:6403240-6404970:-1|gene:AGAP008179	6.9	3	3
3149	AGAP008251-PA	955	103.8	hypothetical protein|protein_coding|3R:7886784-7897364:1|gene:AGAP008251	2.83	4	3
3150	AGAP008255-PA	1113	127.0	hypothetical protein|protein_coding|3R:7950183-7983430:-1|gene:AGAP008255	3.86	4	3
3151	AGAP008290-PA	273	29.3	Trypsin-6 Precursor (EC 3.4.21.4)|protein_coding|3R:8624626-8625447:1|gene:AGAP008290	21.61	8	3
3152	AGAP008300-PA	548	62.1	hypothetical protein|protein_coding|3R:8742452-8744229:-1|gene:AGAP008300	6.39	5	3
3153	AGAP008306-PB	53	6.2	hypothetical protein|protein_coding|3R:8810077-8810238:1|gene:AGAP008306	84.91	8	3
3154	AGAP008321-PA	617	69.9	hypothetical protein|protein_coding|3R:9105221-9109056:-1|gene:AGAP008321	9.24	11	3
3155	AGAP008327-PA	359	40.7	hypothetical protein|protein_coding|3R:9151291-9152544:-1|gene:AGAP008327	13.37	7	3
3156	AGAP008332-PA	247	26.5	hypothetical protein|protein_coding|3R:9198328-9199313:-1|gene:AGAP008332	14.98	7	3
3157	AGAP008336-PA	402	44.1	hypothetical protein|protein_coding|3R:9409722-9411328:-1|gene:AGAP008336	9.2	6	3

3158	AGAP008338-PA	236	27.3	hypothetical protein|protein_coding|3R:9413519-9414374:1|gene:AGAP008338	15.25	3	3
3159	AGAP008359-PA	684	74.6	hypothetical protein|protein_coding|3R:10023001-10025260:1|gene:AGAP008359	5.26	17	3
3160	AGAP008375-PA	251	27.1	hypothetical protein|protein_coding|3R:10112828-10113667:-1|gene:AGAP008375	13.15	17	3
3161	AGAP008381-PA	501	58.5	hypothetical protein|protein_coding|3R:10151416-10152990:1|gene:AGAP008381	8.58	6	3
3162	AGAP008406-PA	368	41.4	hypothetical protein|protein_coding|3R:10364104-10365348:1|gene:AGAP008406	10.05	7	3
3163	AGAP008410-PA	127	14.1	hypothetical protein|protein_coding|3R:10480613-10481200:1|gene:AGAP008410	32.28	4	3
3164	AGAP008449-PA	139	13.7	hypothetical protein|protein_coding|3R:10877893-10878411:-1|gene:AGAP008449	19.42	202	3
3165	AGAP008465-PA	248	25.6	Cuticular protein 22 in CPLCG family|protein_coding|3R:10910978-10911724:1|gene:AGAP008465	20.97	5	3
3166	AGAP008491-PA	112	12.7	hypothetical protein|protein_coding|3R:11316189-11316621:1|gene:AGAP008491	17.86	6	3
3167	AGAP008494-PA	685	74.7	hypothetical protein|protein_coding|3R:11324862-11328872:1|gene:AGAP008494	7.74	12	3
3168	AGAP008503-PA	139	14.6	hypothetical protein|protein_coding|3R:11349413-11350121:-1|gene:AGAP008503	23.74	29	3
3169	AGAP008518-PA	556	61.5	hypothetical protein|protein_coding|3R:11743694-11748109:1|gene:AGAP008518	5.76	8	3
3170	AGAP008545-PA	548	60.8	hypothetical protein|protein_coding|3R:12414226-12415933:-1|gene:AGAP008545	8.21	6	3
3171	AGAP008627-PA	302	34.3	hypothetical protein|protein_coding|3R:13750872-13751852:1|gene:AGAP008627	15.23	5	3
3172	AGAP008633-PA	436	45.0	hypothetical protein|protein_coding|3R:13783637-13788088:1|gene:AGAP008633	8.94	4	3
3173	AGAP008640-PA	159	17.8	hypothetical protein|protein_coding|3R:13827890-13839882:1|gene:AGAP008640	48.43	13	3
3174	AGAP008689-PA	727	82.9	hypothetical protein|protein_coding|3R:14876773-14890778:1|gene:AGAP008689	5.23	6	3
3175	AGAP008704-PA	358	41.4	hypothetical protein|protein_coding|3R:15669635-15670778:-1|gene:AGAP008704	10.34	4	3

3176	AGAP008707-PA	209	23.3	hypothetical protein|protein_coding|3R:15820725-15821559:1|gene:AGAP008707	17.7	4	3
3177	AGAP008761-PA	188	21.5	hypothetical protein|protein_coding|3R:17142842-17143497:1|gene:AGAP008761	22.87	9	3
3178	AGAP008817-PA	183	21.0	hypothetical protein|protein_coding|3R:18320987-18321751:1|gene:AGAP008817	27.32	3	3
3179	AGAP008821-PA	436	47.4	hypothetical protein|protein_coding|3R:18498368-18515579:-1|gene:AGAP008821	10.32	13	3
3180	AGAP008838-PA	367	40.3	hypothetical protein|protein_coding|3R:19291230-19292333:-1|gene:AGAP008838	13.35	7	3
3181	AGAP008857-PA	187	21.6	hypothetical protein|protein_coding|3R:19629684-19630377:-1|gene:AGAP008857	21.93	3	3
3182	AGAP008865-PA	172	18.7	hypothetical protein|protein_coding|3R:19988574-19989440:-1|gene:AGAP008865	25.58	4	3
3183	AGAP008876-PA	270	30.8	hypothetical protein|protein_coding|3R:20235805-20236818:-1|gene:AGAP008876	11.85	6	3
3184	AGAP008932-PA	408	45.8	hypothetical protein|protein_coding|3R:21124715-21126521:1|gene:AGAP008932	10.29	5	3
3185	AGAP008940-PA	567	63.5	hypothetical protein|protein_coding|3R:21307616-21319547:1|gene:AGAP008940	6.88	15	3
3186	AGAP008947-PA	412	43.7	hypothetical protein|protein_coding|3R:21526958-21528244:1|gene:AGAP008947	10.92	8	3
3187	AGAP008967-PA	381	43.8	hypothetical protein|protein_coding|3R:22311858-22318246:1|gene:AGAP008967	11.29	8	3
3188	AGAP008969-PA	347	39.1	hypothetical protein|protein_coding|3R:22352954-22354063:1|gene:AGAP008969	14.41	4	3
3189	AGAP008990-PA	376	42.0	hypothetical protein|protein_coding|3R:22787123-22788392:-1|gene:AGAP008990	13.03	5	3
3190	AGAP009004-PA	2137	239.3	hypothetical protein|protein_coding|3R:23176726-23183401:1|gene:AGAP009004	1.92	4	3
3191	AGAP009021-PA	253	27.5	hypothetical protein|protein_coding|3R:23746174-23759634:-1|gene:AGAP009021	18.18	11	3
3192	AGAP009044-PA	609	70.0	hypothetical protein|protein_coding|3R:24675614-24677951:1|gene:AGAP009044	7.72	4	3
3193	AGAP009059-PA	138	16.7	hypothetical protein|protein_coding|3R:24958036-24958707:1|gene:AGAP009059	36.23	6	3

3194	AGAP009076-PA	263	29.2	hypothetical protein|protein_coding|3R:25441378-25442166:-1|gene:AGAP009076	14.07	5	3
3195	AGAP009095-PA	320	36.0	hypothetical protein|protein_coding|3R:25575361-25576609:1|gene:AGAP009095	14.69	11	3
3196	AGAP009106-PA	253	28.2	hypothetical protein|protein_coding|3R:25648545-25649424:1|gene:AGAP009106	18.18	6	3
3197	AGAP009178-PA	359	38.5	hypothetical protein|protein_coding|3R:28154525-28155859:-1|gene:AGAP009178	10.86	8	3
3198	AGAP009218-PA	193	21.2	hypothetical protein|protein_coding|3R:28845140-28845998:1|gene:AGAP009218	28.5	20	3
3199	AGAP009288-PA	253	29.2	hypothetical protein|protein_coding|3R:30853031-30854008:1|gene:AGAP009288	18.58	4	3
3200	AGAP009305-PB	277	31.5	Glucosamine-6-phosphate isomerase (EC 3.5.99.6)(Glucosamine-6-phosphate deaminase)(GlcN6P deaminase)(GNPDA)|protein_coding|3R:31021580-31022877:1|gene:AGAP009305	14.08	6	3
3201	AGAP009388-PA	265	29.6	hypothetical protein|protein_coding|3R:31923805-31938402:-1|gene:AGAP009388	14.34	12	3
3202	AGAP009414-PA	286	32.4	hypothetical protein|protein_coding|3R:32357565-32358735:1|gene:AGAP009414	9.44	3	3
3203	AGAP009434-PA	353	41.0	hypothetical protein|protein_coding|3R:33482238-33483384:1|gene:AGAP009434	11.05	3	3
3204	AGAP009473-PB	249	27.4	hypothetical protein|protein_coding|3R:34035069-34036588:1|gene:AGAP009473	20.88	16	3
3205	AGAP009474-PA	104	12.0	hypothetical protein|protein_coding|3R:34208504-34220987:1|gene:AGAP009474	30.77	7	3
3206	AGAP009512-PA	409	46.8	hypothetical protein|protein_coding|3R:35021879-35023250:1|gene:AGAP009512	9.78	6	3
3207	AGAP009546-PA	500	57.4	hypothetical protein|protein_coding|3R:35939518-35941543:-1|gene:AGAP009546	6	9	3
3208	AGAP009564-PA	52	6.1	hypothetical protein|protein_coding|3R:36263269-36263427:1|gene:AGAP009564	36.54	6	3
3209	AGAP009569-PA	332	36.2	hypothetical protein|protein_coding|3R:36363149-36364325:-1|gene:AGAP009569	11.14	5	3
3210	AGAP009615-PA	778	87.2	hypothetical protein|protein_coding|3R:37009776-37012169:1|gene:AGAP009615	7.33	5	3

3211	AGAP009635-PA	125	13.5	hypothetical protein|protein_coding|3R:37368004-37368486:-1|gene:AGAP009635	34.4	67	3
3212	AGAP009660-PA	196	22.3	hypothetical protein|protein_coding|3R:37679291-37679941:-1|gene:AGAP009660	19.39	4	3
3213	AGAP009670-PB	547	61.7	Serine Protease Inhibitor (serpin), likely cleavage at I/S. Transcript C.|protein_coding|3R:38145302-38154288:1|gene:AGAP009670	8.59	6	3
3214	AGAP009672-PA	254	26.0	hypothetical protein|protein_coding|3R:38179781-38198560:-1|gene:AGAP009672	21.26	15	3
3215	AGAP009753-PA	144	16.2	hypothetical protein|protein_coding|3R:42365495-42365994:1|gene:AGAP009753	27.08	6	3
3216	AGAP009810-PA	306	33.5	hypothetical protein|protein_coding|3R:43750742-43751828:-1|gene:AGAP009810	12.42	7	3
3217	AGAP009824-PA	101	11.6	hypothetical protein|protein_coding|3R:43818464-43818875:-1|gene:AGAP009824	45.54	17	3
3218	AGAP009830-PA	89	10.1	hypothetical protein|protein_coding|3R:44029444-44029779:1|gene:AGAP009830	39.33	8	3
3219	AGAP009850-PA	650	73.4	hypothetical protein|protein_coding|3R:44325813-44333909:-1|gene:AGAP009850	8.92	10	3
3220	AGAP009852-PA	140	15.7	hypothetical protein|protein_coding|3R:44347927-44348670:-1|gene:AGAP009852	40.71	11	3
3221	AGAP009866-PA	240	27.3	hypothetical protein|protein_coding|3R:44587243-44588145:-1|gene:AGAP009866	18.33	4	3
3222	AGAP009867-PA	470	52.6	hypothetical protein|protein_coding|3R:44588653-44593264:-1|gene:AGAP009867	11.06	7	3
3223	AGAP009872-PA	331	31.7	cuticular protein 133, RR-1 family|protein_coding|3R:44621416-44622695:1|gene:AGAP009872	13.9	10	3
3224	AGAP009882-PA	84	9.5	hypothetical protein|protein_coding|3R:44737427-44737759:-1|gene:AGAP009882	55.95	6	3
3225	AGAP009901-PA	227	25.2	hypothetical protein|protein_coding|3R:45174509-45175363:1|gene:AGAP009901	22.91	5	3
3226	AGAP009905-PA	109	12.3	hypothetical protein|protein_coding|3R:45185052-45185553:1|gene:AGAP009905	22.02	4	3
3227	AGAP009920-PA	89	10.0	hypothetical protein|protein_coding|3R:45307303-45307956:1|gene:AGAP009920	38.2	18	3
3228	AGAP009953-PA	72	8.4	hypothetical protein|protein_coding|3R:46190690-46205596:1|gene:AGAP009953	36.11	28	3

3229	AGAP009974-PA	180	18.7	hypothetical protein|protein_coding|3R:46978863-46979536:-1|gene:AGAP009974	31.11	38	3
3230	AGAP009988-PA	250	28.3	hypothetical protein|protein_coding|3R:47253297-47254049:-1|gene:AGAP009988	18	3	3
3231	AGAP010007-PA	498	56.5	hypothetical protein|protein_coding|3R:47555567-47557217:1|gene:AGAP010007	11.24	9	3
3232	AGAP010031-PA	454	52.2	hypothetical protein|protein_coding|3R:48057474-48059040:-1|gene:AGAP010031	9.69	10	3
3233	AGAP010051-PA	656	72.9	hypothetical protein|protein_coding|3R:48342628-48344667:-1|gene:AGAP010051	7.77	4	3
3234	AGAP010064-PA	210	24.4	hypothetical protein|protein_coding|3R:48533978-48534680:1|gene:AGAP010064	34.76	4	3
3235	AGAP010076-PA	388	42.3	hypothetical protein|protein_coding|3R:48629637-48631526:-1|gene:AGAP010076	15.21	8	3
3236	AGAP010105-PA	124	14.5	cuticular protein 88, RR-2 family|protein_coding|3R:49157894-49158335:1|gene:AGAP010105	32.26	19	3
3237	AGAP010161-PA	495	54.8	hypothetical protein|protein_coding|3R:49704218-49705779:-1|gene:AGAP010161	7.88	4	3
3238	AGAP010186-PA	1272	143.0	hypothetical protein|protein_coding|3R:50210809-50228184:-1|gene:AGAP010186	3.54	4	3
3239	AGAP010198-PA	852	96.7	hypothetical protein|protein_coding|3R:50570792-50573930:-1|gene:AGAP010198	7.63	6	3
3240	AGAP010199-PA	275	30.7	hypothetical protein|protein_coding|3R:50576313-50577211:-1|gene:AGAP010199	18.18	5	3
3241	AGAP010205-PA	348	40.2	hypothetical protein|protein_coding|3R:50697217-50698421:1|gene:AGAP010205	16.38	5	3
3242	AGAP010217-PA	601	67.7	hypothetical protein|protein_coding|3R:50848755-50850862:-1|gene:AGAP010217	8.82	10	3
3243	AGAP010232-PB	364	40.3	hypothetical protein|protein_coding|3R:51315598-51322635:1|gene:AGAP010232	10.44	9	3
3244	AGAP010246-PA	312	35.1	hypothetical protein|protein_coding|3R:51647259-51649013:-1|gene:AGAP010246	17.95	3	3
3245	AGAP010297-PA	194	23.0	hypothetical protein|protein_coding|3R:52614364-52616203:1|gene:AGAP010297	14.95	4	3
3246	AGAP010321-PA	273	31.2	hypothetical protein|protein_coding|3L:666850-667804:1|gene:AGAP010321	20.88	13	3

3247	AGAP010338-PA	151	17.8	Probable 39S ribosomal protein L23, mitochondrial (L23mt)(MRP-L23)|protein_coding|3L:1688147-1688675:1|gene:AGAP010338	20.53	6	3
3248	AGAP010351-PA	1030	117.8	hypothetical protein|protein_coding|3L:1950397-1953971:-1|gene:AGAP010351	3.2	5	3
3249	AGAP010403-PA	249	26.8	hypothetical protein|protein_coding|3L:2777840-2778683:-1|gene:AGAP010403	20.88	5	3
3250	AGAP010460-PA	178	19.9	hypothetical protein|protein_coding|3L:3929176-3929940:-1|gene:AGAP010460	26.97	5	3
3251	AGAP010509-PA	559	61.4	hypothetical protein|protein_coding|3L:5244024-5251183:-1|gene:AGAP010509	8.23	6	3
3252	AGAP010551-PA	1418	158.9	hypothetical protein|protein_coding|3L:6254864-6263402:-1|gene:AGAP010551	3.74	3	3
3253	AGAP010558-PA	172	18.9	hypothetical protein|protein_coding|3L:6372390-6373035:-1|gene:AGAP010558	27.33	7	3
3254	AGAP010578-PA	239	26.7	hypothetical protein|protein_coding|3L:6470662-6471381:1|gene:AGAP010578	17.99	37	3
3255	AGAP010582-PA	1610	181.7	hypothetical protein|protein_coding|3L:6495035-6501129:1|gene:AGAP010582	2.42	5	3
3256	AGAP010587-PA	819	91.5	hypothetical protein|protein_coding|3L:6549097-6552220:1|gene:AGAP010587	4.52	5	3
3257	AGAP010598-PA	166	18.4	hypothetical protein|protein_coding|3L:6844023-6869787:1|gene:AGAP010598	26.51	34	3
3258	AGAP010608-PA	219	24.8	hypothetical protein|protein_coding|3L:7146529-7151785:-1|gene:AGAP010608	21.46	9	3
3259	AGAP010643-PA	1244	141.5	hypothetical protein|protein_coding|3L:7929754-7934650:1|gene:AGAP010643	2.65	3	3
3260	AGAP010672-PA	175	19.1	hypothetical protein|protein_coding|3L:8206322-8207034:1|gene:AGAP010672	26.86	35	3
3261	AGAP010801-PA	2067	233.2	hypothetical protein|protein_coding|3L:10586025-10595000:1|gene:AGAP010801	1.45	8	3
3262	AGAP010841-PA	466	49.5	hypothetical protein|protein_coding|3L:11852212-11861868:1|gene:AGAP010841	7.51	10	3
3263	AGAP010842-PA	331	36.6	hypothetical protein|protein_coding|3L:11872534-11873586:1|gene:AGAP010842	10.57	6	3
3264	AGAP010873-PA	259	28.0	Cytosolic Fe-S cluster assembly factor NUBP2 homolog|protein_coding|3L:12331137-12331996:-1|gene:AGAP010873	16.6	6	3

3265	AGAP010885-PA	368	40.5	hypothetical protein|protein_coding|3L:12478591-12480731:-1|gene:AGAP010885	13.04	11	3
3266	AGAP011137-PA	368	40.2	hypothetical protein|protein_coding|3L:17791455-17792688:-1|gene:AGAP011137	10.87	13	3
3267	AGAP011182-PA	176	19.5	hypothetical protein|protein_coding|3L:18293144-18295677:1|gene:AGAP011182	25.57	5	3
3268	AGAP011214-PA	750	83.9	hypothetical protein|protein_coding|3L:19429113-19433244:-1|gene:AGAP011214	4.67	4	3
3269	AGAP011251-PA	73	8.6	hypothetical protein|protein_coding|3L:20073062-20073283:-1|gene:AGAP011251	41.1	4	3
3270	AGAP011273-PA	353	38.8	hypothetical protein|protein_coding|3L:20458958-20461100:1|gene:AGAP011273	10.48	3	3
3271	AGAP011287-PA	219	23.6	AGAP011287-PA|Galectin.|protein_coding|3L:20570651-20571617:-1|gene:AGAP011287	20.55	17	3
3272	AGAP011309-PA	678	77.6	hypothetical protein|protein_coding|3L:20836579-20838657:1|gene:AGAP011309	7.67	5	3
3273	AGAP011327-PA	356	39.9	hypothetical protein|protein_coding|3L:21112376-21113597:1|gene:AGAP011327	9.83	3	3
3274	AGAP011353-PA	254	29.1	hypothetical protein|protein_coding|3L:21675846-21676610:1|gene:AGAP011353	16.14	4	3
3275	AGAP011354-PA	246	26.8	hypothetical protein|protein_coding|3L:21677105-21679988:-1|gene:AGAP011354	13.01	8	3
3276	AGAP011359-PA	268	30.7	hypothetical protein|protein_coding|3L:21901613-21902559:-1|gene:AGAP011359	12.69	12	3
3277	AGAP011368-PA	204	22.9	odorant binding protein|protein_coding|3L:22028557-22029248:1|gene:AGAP011368	21.08	4	3
3278	AGAP011460-PA	109	11.2	hypothetical protein|protein_coding|3L:24944040-24944886:1|gene:AGAP011460	32.11	8	3
3279	AGAP011471-PA	616	70.3	hypothetical protein|protein_coding|3L:24989633-24992290:-1|gene:AGAP011471	5.84	4	3
3280	AGAP011521-PA	170	19.6	hypothetical protein|protein_coding|3L:26438289-26438798:1|gene:AGAP011521	23.53	10	3
3281	AGAP011535-PA	117	13.1	hypothetical protein|protein_coding|3L:26900767-26902655:1|gene:AGAP011535	39.32	8	3
3282	AGAP011564-PA	525	59.6	hypothetical protein|protein_coding|3L:27795354-27802961:1|gene:AGAP011564	6.86	8	3

3283	AGAP011582-PA	334	37.6	hypothetical protein|protein_coding|3L:28384044-28385385:1|gene:AGAP011582	11.38	5	3
3284	AGAP011616-PA	267	29.3	hypothetical protein|protein_coding|3L:29873109-29873912:1|gene:AGAP011616	13.48	8	3
3285	AGAP011627-PA	261	29.0	hypothetical protein|protein_coding|3L:30328427-30329462:-1|gene:AGAP011627	13.41	5	3
3286	AGAP011630-PA	120	13.2	hypothetical protein|protein_coding|3L:30364850-30365212:1|gene:AGAP011630	20.83	17	3
3287	AGAP011633-PA	220	23.9	hypothetical protein|protein_coding|3L:30455499-30456227:-1|gene:AGAP011633	27.27	4	3
3288	AGAP011637-PA	216	24.7	hypothetical protein|protein_coding|3L:30460348-30460998:-1|gene:AGAP011637	18.52	5	3
3289	AGAP011643-PA	488	55.9	AGAP011643-PA|methuselah-like|protein_coding|3L:30651352-30652965:1|gene:AGAP011643	5.12	8	3
3290	AGAP011654-PA	436	49.0	hypothetical protein|protein_coding|3L:30825162-30827062:1|gene:AGAP011654	10.09	3	3
3291	AGAP011683-PA	580	60.4	hypothetical protein|protein_coding|3L:31311264-31314359:-1|gene:AGAP011683	8.97	7	3
3292	AGAP011727-PA	290	32.2	hypothetical protein|protein_coding|3L:32496641-32497788:1|gene:AGAP011727	16.9	8	3
3293	AGAP011767-PA	339	39.6	hypothetical protein|protein_coding|3L:33028981-33030212:1|gene:AGAP011767	10.62	6	3
3294	AGAP011822-PA	1908	212.6	hypothetical protein|protein_coding|3L:33824771-33831791:-1|gene:AGAP011822	2.78	3	3
3295	AGAP011830-PA	546	60.1	hypothetical protein|protein_coding|3L:33882401-33887370:-1|gene:AGAP011830	6.41	3	3
3296	AGAP011839-PA	311	34.8	hypothetical protein|protein_coding|3L:33925153-33927318:-1|gene:AGAP011839	10.93	6	3
3297	AGAP011845-PA	127	13.7	hypothetical protein|protein_coding|3L:33985282-33985786:-1|gene:AGAP011845	30.71	8	3
3298	AGAP011888-PA	1233	137.7	hypothetical protein|protein_coding|3L:34634037-34638087:1|gene:AGAP011888	4.79	3	3
3299	AGAP011893-PA	607	68.9	hypothetical protein|protein_coding|3L:34663626-34666364:-1|gene:AGAP011893	7.08	5	3
3300	AGAP011906-PA	308	33.8	hypothetical protein|protein_coding|3L:34828813-34829813:1|gene:AGAP011906	13.31	6	3

3301	AGAP011917-PA	246	25.8	hypothetical protein|protein_coding|3L:35126950-35127826:-1|gene:AGAP011917	14.23	5	3
3302	AGAP011919-PA	262	28.1	hypothetical protein|protein_coding|3L:35131337-35132214:-1|gene:AGAP011919	13.74	7	3
3303	AGAP011931-PA	387	42.8	hypothetical protein|protein_coding|3L:35234653-35235864:1|gene:AGAP011931	11.37	10	3
3304	AGAP011946-PA	285	32.6	hypothetical protein|protein_coding|3L:35475971-35476930:1|gene:AGAP011946	15.44	10	3
3305	AGAP011964-PA	609	68.5	hypothetical protein|protein_coding|3L:35664117-35665946:1|gene:AGAP011964	8.37	4	3
3306	AGAP012003-PA	505	57.3	hypothetical protein|protein_coding|3L:36083603-36085154:-1|gene:AGAP012003	7.72	10	3
3307	AGAP012026-PA	605	69.7	hypothetical protein|protein_coding|3L:36633696-36647247:1|gene:AGAP012026	8.76	3	3
3308	AGAP012050-PA	301	33.5	hypothetical protein|protein_coding|3L:36873563-36874683:1|gene:AGAP012050	13.95	6	3
3309	AGAP012054-PA	315	34.3	hypothetical protein|protein_coding|3L:36975669-36983150:-1|gene:AGAP012054	17.78	7	3
3310	AGAP012066-PA	761	86.6	hypothetical protein|protein_coding|3L:37332965-37336389:1|gene:AGAP012066	4.73	4	3
3311	AGAP012070-PA	1411	153.3	hypothetical protein|protein_coding|3L:37371800-37377214:-1|gene:AGAP012070	2.62	3	3
3312	AGAP012141-PA	1424	155.9	hypothetical protein|protein_coding|3L:38016044-38039839:1|gene:AGAP012141	3.09	5	3
3313	AGAP012156-PA	1663	186.8	hypothetical protein|protein_coding|3L:38107309-38112799:1|gene:AGAP012156	1.62	8	3
3314	AGAP012165-PA	311	35.9	hypothetical protein|protein_coding|3L:38242647-38247076:-1|gene:AGAP012165	13.18	4	3
3315	AGAP012181-PA	1232	137.7	hypothetical protein|protein_coding|3L:38408311-38412418:-1|gene:AGAP012181	4.38	5	3
3316	AGAP012183-PA	814	91.5	hypothetical protein|protein_coding|3L:38457599-38460829:1|gene:AGAP012183	5.77	5	3
3317	AGAP012190-PA	930	100.5	hypothetical protein|protein_coding|3L:38545498-38552127:-1|gene:AGAP012190	3.12	8	3
3318	AGAP012253-PA	593	67.7	hypothetical protein|protein_coding|3L:39406604-39411867:-1|gene:AGAP012253	6.24	8	3

3319	AGAP012255-PA	1230	135.2	hypothetical protein|protein_coding|3L:39420944-39426811:-1|gene:AGAP012255	3.74	3	3
3320	AGAP012301-PA	361	38.5	hypothetical protein|protein_coding|3L:39924005-39925314:1|gene:AGAP012301	10.53	6	3
3321	AGAP012308-PA	414	46.2	hypothetical protein|protein_coding|3L:40063125-40064369:1|gene:AGAP012308	9.18	11	3
3322	AGAP012397-PA	150	17.1	hypothetical protein|protein_coding|3L:41720478-41721034:-1|gene:AGAP012397	33.33	13	3
3323	AGAP012417-PA	895	103.9	hypothetical protein|protein_coding|3L:41831176-41834030:-1|gene:AGAP012417	7.04	8	3
3324	AGAP012477-PA	416	46.8	hypothetical protein|protein_coding|UNKN:5484444-5486412:1|gene:AGAP012477	10.34	6	3
3325	AGAP012514-PA	291	31.6	hypothetical protein|protein_coding|UNKN:9870259-9871285:1|gene:AGAP012514	12.71	6	3
3326	AGAP012823-PA	93	10.7	hypothetical protein|protein_coding|UNKN:31704582-31705072:-1|gene:AGAP012823	26.88	16	3
3327	AGAP012838-PA	197	22.7	hypothetical protein|protein_coding|UNKN:33265988-33266657:-1|gene:AGAP012838	23.86	5	3
3328	AGAP013066-PA	111	12.0	hypothetical protein|protein_coding|2R:697546-697881:-1|gene:AGAP013066	41.44	48	3
3329	AGAP013122-PA	359	41.0	hypothetical protein|protein_coding|2R:4784176-4785255:-1|gene:AGAP013122	15.04	8	3
3330	AGAP013145-PC	243	25.7	hypothetical protein|protein_coding|2R:8562737-8651050:1|gene:AGAP013145	12.76	5	3
3331	AGAP013256-PA	158	18.8	hypothetical protein|protein_coding|2R:43155931-43156910:1|gene:AGAP013256	24.05	8	3
3332	AGAP013291-PA	178	20.3	hypothetical protein|protein_coding|2L:46179142-46181683:1|gene:AGAP013291	23.03	4	3
3333	AGAP013296-PA	133	14.0	hypothetical protein|protein_coding|2R:23825501-23825969:-1|gene:AGAP013296	37.59	6	3
3334	AGAP013347-PA	235	28.0	hypothetical protein|protein_coding|2R:29092594-29093301:1|gene:AGAP013347	14.47	6	3
3335	AGAP013414-PA	957	103.4	hypothetical protein|protein_coding|2R:20916795-20920399:1|gene:AGAP013414	6.37	5	3
3336	AGAP013451-PA	209	24.1	hypothetical protein|protein_coding|2R:23669362-23670068:-1|gene:AGAP013451	16.75	7	3

3337	AGAP013453-PA	508	56.9	hypothetical protein|protein_coding|2R:19945134-19946660:-1|gene:AGAP013453	13.39	7	3
3338	AGAP013471-PA	237	27.6	hypothetical protein|protein_coding|2R:29089282-29089995:1|gene:AGAP013471	20.25	4	3
3339	AGAP013509-PA	634	68.0	hypothetical protein|protein_coding|2R:30340101-30342158:1|gene:AGAP013509	6.31	8	3
3340	AGAP013527-PA	405	45.7	hypothetical protein|protein_coding|2R:635093-636464:1|gene:AGAP013527	12.59	5	3
3341	AGAP000097-PA	308	34.3	hypothetical protein|protein_coding|X:1574720-1576092:1|gene:AGAP000097	13.96	2	2
3342	AGAP000100-PA	87	9.7	hypothetical protein|protein_coding|X:1628900-1629785:1|gene:AGAP000100	12.64	5	2
3343	AGAP000108-PA	136	15.5	ovary ecdysteroidogenic hormone|protein_coding|X:1788379-1788971:-1|gene:AGAP000108	11.03	3	2
3344	AGAP000123-PA	986	106.6	C-type lectin, selectin-like|protein_coding|X:2001189-2014165:1|gene:AGAP000123	3.14	2	2
3345	AGAP000126-PA	1735	187.6	hypothetical protein|protein_coding|X:2031552-2037491:1|gene:AGAP000126	1.5	2	2
3346	AGAP000132-PA	121	13.5	hypothetical protein|protein_coding|X:2083834-2084292:-1|gene:AGAP000132	24.79	2	2
3347	AGAP000136-PA	1339	151.2	hypothetical protein|protein_coding|X:2101775-2106316:1|gene:AGAP000136	0.9	6	2
3348	AGAP000160-PA	239	26.3	hypothetical protein|protein_coding|X:2807479-2809031:-1|gene:AGAP000160	12.55	5	2
3349	AGAP000161-PA	1058	117.4	hypothetical protein|protein_coding|X:2822718-2830085:-1|gene:AGAP000161	2.84	3	2
3350	AGAP000199-PB	516	57.5	hypothetical protein|protein_coding|X:3260150-3264030:-1|gene:AGAP000199	6.4	8	2
3351	AGAP000207-PB	377	43.3	hypothetical protein|protein_coding|X:3432917-3452324:-1|gene:AGAP000207	7.96	4	2
3352	AGAP000232-PA	1282	137.7	hypothetical protein|protein_coding|X:4345318-4352646:-1|gene:AGAP000232	3.67	3	2
3353	AGAP000236-PA	813	87.1	hypothetical protein|protein_coding|X:4453554-4458677:1|gene:AGAP000236	4.43	5	2
3354	AGAP000251-PA	705	75.9	hypothetical protein|protein_coding|X:4601136-4604212:-1|gene:AGAP000251	4.11	2	2

3355	AGAP000254-PA	612	66.8	hypothetical protein|protein_coding|X:4773428-4792432:1|gene:AGAP000254	4.9	6	2
3356	AGAP000264-PA	901	97.0	hypothetical protein|protein_coding|X:4944837-4952457:1|gene:AGAP000264	5.11	7	2
3357	AGAP000271-PA	1079	122.3	hypothetical protein|protein_coding|X:4987361-4991997:1|gene:AGAP000271	2.41	3	2
3358	AGAP000295-PA	178	19.5	hypothetical protein|protein_coding|X:5299820-5307551:1|gene:AGAP000295	22.47	7	2
3359	AGAP000297-PA	166	18.0	hypothetical protein|protein_coding|X:5318993-5319705:1|gene:AGAP000297	16.27	4	2
3360	AGAP000305-PA	189	22.2	hypothetical protein|protein_coding|X:5410362-5410931:1|gene:AGAP000305	12.7	3	2
3361	AGAP000326-PA	306	34.6	hypothetical protein|protein_coding|X:5748669-5749661:1|gene:AGAP000326	11.76	6	2
3362	AGAP000390-PA	1314	148.2	hypothetical protein|protein_coding|X:7157708-7167818:-1|gene:AGAP000390	2.28	3	2
3363	AGAP000394-PA	545	59.5	hypothetical protein|protein_coding|X:7199604-7201387:1|gene:AGAP000394	4.59	3	2
3364	AGAP000397-PA	817	92.2	hypothetical protein|protein_coding|X:7243064-7245602:-1|gene:AGAP000397	3.55	2	2
3365	AGAP000405-PA	741	85.4	hypothetical protein|protein_coding|X:7299356-7303497:-1|gene:AGAP000405	2.7	2	2
3366	AGAP000406-PA	1394	160.3	hypothetical protein|protein_coding|X:7310660-7318863:1|gene:AGAP000406	2.51	2	2
3367	AGAP000410-PA	1004	108.4	hypothetical protein|protein_coding|X:7356912-7368641:1|gene:AGAP000410	3.69	3	2
3368	AGAP000418-PA	700	79.6	hypothetical protein|protein_coding|X:7444787-7475172:-1|gene:AGAP000418	4.29	3	2
3369	AGAP000426-PA	179	19.7	hypothetical protein|protein_coding|X:7618255-7618858:-1|gene:AGAP000426	11.17	9	2
3370	AGAP000440-PA	659	74.3	hypothetical protein|protein_coding|X:7773099-7779784:1|gene:AGAP000440	3.79	2	2
3371	AGAP000489-PA	1021	114.4	hypothetical protein|protein_coding|X:8635241-8652253:-1|gene:AGAP000489	2.35	2	2
3372	AGAP000516-PA	103	12.0	hypothetical protein|protein_coding|X:9114858-9115249:-1|gene:AGAP000516	21.36	8	2

3373	AGAP000523-PA	138	14.3	hypothetical protein|protein_coding|X:9455267-9456114:1|gene:AGAP000523	27.54	19	2
3374	AGAP000532-PA	1118	124.1	hypothetical protein|protein_coding|X:9497930-9504469:1|gene:AGAP000532	2.95	4	2
3375	AGAP000552-PA	879	99.4	hypothetical protein|protein_coding|X:9865700-9869766:-1|gene:AGAP000552	1.59	4	2
3376	AGAP000553-PA	568	63.0	Protein white|protein_coding|X:9877761-9884240:1|gene:AGAP000553	3.87	2	2
3377	AGAP000563-PA	983	107.0	hypothetical protein|protein_coding|X:10012237-10016841:-1|gene:AGAP000563	4.17	2	2
3378	AGAP000598-PA	273	30.2	hypothetical protein|protein_coding|X:10676788-10677676:-1|gene:AGAP000598	13.19	4	2
3379	AGAP000617-PB	201	23.3	hypothetical protein|protein_coding|X:11211731-11214299:1|gene:AGAP000617	13.93	9	2
3380	AGAP000704-PA	351	39.4	hypothetical protein|protein_coding|X:12622062-12623584:-1|gene:AGAP000704	9.12	7	2
3381	AGAP000717-PA	616	66.4	hypothetical protein|protein_coding|X:13042760-13046835:-1|gene:AGAP000717	3.9	6	2
3382	AGAP000736-PA	328	35.3	hypothetical protein|protein_coding|X:13432331-13433400:1|gene:AGAP000736	11.59	4	2
3383	AGAP000748-PA	182	20.4	hypothetical protein|protein_coding|X:13700537-13728685:-1|gene:AGAP000748	14.84	2	2
3384	AGAP000750-PA	272	30.3	hypothetical protein|protein_coding|X:13719514-13721657:1|gene:AGAP000750	17.28	6	2
3385	AGAP000787-PA	952	106.5	hypothetical protein|protein_coding|X:14325647-14342608:1|gene:AGAP000787	1.37	2	2
3386	AGAP000804-PA	59	6.1	Glutathione Peroxidase.|protein_coding|X:14745061-14745238:-1|gene:AGAP000804	45.76	2	2
3387	AGAP000835-PA	530	60.3	hypothetical protein|protein_coding|X:15430743-15434360:1|gene:AGAP000835	4.34	2	2
3388	AGAP000848-PA	849	95.2	hypothetical protein|protein_coding|X:15693834-15705445:-1|gene:AGAP000848	2.83	2	2
3389	AGAP000857-PA	373	41.9	hypothetical protein|protein_coding|X:15790778-15792133:-1|gene:AGAP000857	10.99	3	2
3390	AGAP000865-PA	1535	166.5	hypothetical protein|protein_coding|X:16104446-16138308:-1|gene:AGAP000865	1.24	3	2
3391	AGAP000888-PA	235	27.2	glutathione transferase, theta class|protein_coding|X:16746714-16747506:-1|gene:AGAP000888	15.32	3	2

3392	AGAP000890-PA	407	45.7	hypothetical protein|protein_coding|X:16763022-16764245:-1|gene:AGAP000890	5.16	2	2
3393	AGAP000906-PA	271	30.4	hypothetical protein|protein_coding|X:17099980-17105902:1|gene:AGAP000906	11.44	5	2
3394	AGAP000930-PA	1112	122.4	hypothetical protein|protein_coding|X:17572868-17584166:-1|gene:AGAP000930	3.87	3	2
3395	AGAP000949-PA	224	25.4	hypothetical protein|protein_coding|X:18323107-18324112:-1|gene:AGAP000949	13.39	10	2
3396	AGAP000950-PA	249	28.1	hypothetical protein|protein_coding|X:18327382-18328323:-1|gene:AGAP000950	14.46	3	2
3397	AGAP000951-PA	228	26.1	hypothetical protein|protein_coding|X:18329311-18330247:1|gene:AGAP000951	15.35	4	2
3398	AGAP000952-PA	91	10.6	hypothetical protein|protein_coding|X:18333428-18335226:-1|gene:AGAP000952	20.88	8	2
3399	AGAP000960-PA	421	46.1	hypothetical protein|protein_coding|X:18384680-18386903:-1|gene:AGAP000960	12.11	4	2
3400	AGAP000971-PA	553	63.5	hypothetical protein|protein_coding|X:18641005-18646759:-1|gene:AGAP000971	5.61	5	2
3401	AGAP000983-PA	1024	116.1	hypothetical protein|protein_coding|X:18833751-18836996:1|gene:AGAP000983	3.42	2	2
3402	AGAP001011-PA	1140	129.9	hypothetical protein|protein_coding|X:19351531-19355398:-1|gene:AGAP001011	2.11	4	2
3403	AGAP001035-PA	1745	193.4	hypothetical protein|protein_coding|X:19923244-19929520:-1|gene:AGAP001035	1.72	3	2
3404	AGAP001091-PA	889	98.1	hypothetical protein|protein_coding|X:23957544-23972130:1|gene:AGAP001091	3.04	4	2
3405	AGAP001107-PB	760	87.9	hypothetical protein|protein_coding|2R:264349-266857:1|gene:AGAP001107	6.58	4	2
3406	AGAP001136-PA	307	34.9	hypothetical protein|protein_coding|2R:565835-567009:1|gene:AGAP001136	10.75	2	2
3407	AGAP001139-PA	310	36.0	hypothetical protein|protein_coding|2R:570647-571656:1|gene:AGAP001139	8.71	4	2
3408	AGAP001147-PA	106	11.7	hypothetical protein|protein_coding|2R:599852-600239:-1|gene:AGAP001147	16.04	3	2
3409	AGAP001152-PA	297	33.8	hypothetical protein|protein_coding|2R:625507-626462:1|gene:AGAP001152	12.12	5	2

3410	AGAP001174-PA	154	17.2	hypothetical protein|protein_coding|2R:696043-696606:-1|gene:AGAP001174	35.06	7	2
3411	AGAP001193-PA	143	15.2	hypothetical protein|protein_coding|2R:1214557-1215071:1|gene:AGAP001193	25.87	5	2
3412	AGAP001195-PA	807	94.4	Nuclear cap-binding protein subunit 1 (80 kDa nuclear cap-binding protein)(NCBP 80 kDa subunit)(CBP80)|protein_coding|2R:1238210-1257506:-1|gene:AGAP001195	4.21	4	2
3413	AGAP001224-PA	690	78.0	hypothetical protein|protein_coding|2R:1639768-1641840:1|gene:AGAP001224	4.93	3	2
3414	AGAP001229-PA	111	12.5	hypothetical protein|protein_coding|2R:1653461-1657311:1|gene:AGAP001229	30.63	4	2
3415	AGAP001238-PA	1505	168.8	hypothetical protein|protein_coding|2R:1789301-1815088:1|gene:AGAP001238	2.86	3	2
3416	AGAP001285-PA	232	25.9	hypothetical protein|protein_coding|2R:2471192-2471966:-1|gene:AGAP001285	15.95	14	2
3417	AGAP001300-PA	178	19.5	hypothetical protein|protein_coding|2R:2658241-2658939:-1|gene:AGAP001300	22.47	6	2
3418	AGAP001307-PA	303	34.4	hypothetical protein|protein_coding|2R:2803490-2804471:-1|gene:AGAP001307	9.9	3	2
3419	AGAP001342-PA	222	25.5	hypothetical protein|protein_coding|2R:3330417-3331161:-1|gene:AGAP001342	10.81	3	2
3420	AGAP001357-PA	570	65.2	hypothetical protein|protein_coding|2R:3501596-3503448:1|gene:AGAP001357	5.26	4	2
3421	AGAP001364-PA	88	9.5	Ubiquitin-fold modifier 1 Precursor|protein_coding|2R:3581149-3581573:1|gene:AGAP001364	56.82	4	2
3422	AGAP001368-PB	678	75.7	hypothetical protein|protein_coding|2R:3643044-3645080:1|gene:AGAP001368	5.16	5	2
3423	AGAP001372-PA	209	21.4	hypothetical protein|protein_coding|2R:3888523-3994823:-1|gene:AGAP001372	22.49	10	2
3424	AGAP001372-PC	248	25.7	hypothetical protein|protein_coding|2R:3888523-3994823:-1|gene:AGAP001372	16.13	4	2
3425	AGAP001376-PA	481	53.7	Serine Protease Inhibitor (serpin), likely cleavage at L/S.|protein_coding|2R:4014566-4016549:1|gene:AGAP001376	6.44	3	2
3426	AGAP001417-PA	118	13.3	hypothetical protein|protein_coding|2R:4658529-4658945:-1|gene:AGAP001417	26.27	8	2
3427	AGAP001435-PA	371	42.0	hypothetical protein|protein_coding|2R:4949256-4992085:-1|gene:AGAP001435	4.58	3	2

3428	AGAP001454-PA	210	24.7	hypothetical protein|protein_coding|2R:5266504-5267136:1|gene:AGAP001454	13.33	2	2
3429	AGAP001486-PA	999	110.2	hypothetical protein|protein_coding|2R:5443334-5461406:1|gene:AGAP001486	4.8	2	2
3430	AGAP001507-PA	727	82.9	hypothetical protein|protein_coding|2R:5701560-5704884:-1|gene:AGAP001507	3.58	6	2
3431	AGAP001534-PA	927	104.1	hypothetical protein|protein_coding|2R:5936131-5939052:-1|gene:AGAP001534	2.7	6	2
3432	AGAP001543-PA	177	19.2	Cuticular protein 11 in TWDL family|protein_coding|2R:6076159-6076846:-1|gene:AGAP001543	11.86	11	2
3433	AGAP001559-PA	1200	135.1	hypothetical protein|protein_coding|2R:6237596-6241453:-1|gene:AGAP001559	3.08	3	2
3434	AGAP001600-PA	568	63.1	hypothetical protein|protein_coding|2R:6631784-6633490:-1|gene:AGAP001600	3.35	3	2
3435	AGAP001603-PA	152	16.8	hypothetical protein|protein_coding|2R:6644987-6645721:-1|gene:AGAP001603	17.11	2	2
3436	AGAP001611-PA	382	41.7	hypothetical protein|protein_coding|2R:6810856-6812376:1|gene:AGAP001611	7.33	3	2
3437	AGAP001619-PA	433	47.7	hypothetical protein|protein_coding|2R:6860512-6875955:1|gene:AGAP001619	1.85	4	2
3438	AGAP001643-PA	1196	138.1	hypothetical protein|protein_coding|2R:7256694-7261256:1|gene:AGAP001643	1.76	3	2
3439	AGAP001652-PA	527	58.6	hypothetical protein|protein_coding|2R:7311194-7317255:-1|gene:AGAP001652	4.17	3	2
3440	AGAP001656-PA	256	29.5	hypothetical protein|protein_coding|2R:7326528-7327364:-1|gene:AGAP001656	14.06	3	2
3441	AGAP001690-PA	2744	300.8	hypothetical protein|protein_coding|2R:8468955-8506657:1|gene:AGAP001690	0.98	5	2
3442	AGAP001699-PB	519	57.5	hypothetical protein|protein_coding|2R:8788992-8790628:1|gene:AGAP001699	7.32	2	2
3443	AGAP001704-PA	243	28.2	hypothetical protein|protein_coding|2R:8807129-8808222:1|gene:AGAP001704	13.58	3	2
3444	AGAP001729-PA	458	50.7	hypothetical protein|protein_coding|2R:9036125-9037698:1|gene:AGAP001729	4.8	2	2
3445	AGAP001733-PA	902	100.5	hypothetical protein|protein_coding|2R:9090095-9093091:1|gene:AGAP001733	2.99	2	2

3446	AGAP001761-PA	390	45.5	hypothetical protein|protein_coding|2R:9497314-9511291:-1|gene:AGAP001761	5.38	5	2
3447	AGAP001762-PA	993	110.5	hypothetical protein|protein_coding|2R:9488303-9493075:1|gene:AGAP001762	4.03	3	2
3448	AGAP001786-PA	3239	336.1	hypothetical protein|protein_coding|2R:10352196-10457721:1|gene:AGAP001786	1.02	3	2
3449	AGAP001794-PA	1226	132.6	hypothetical protein|protein_coding|2R:10524887-10528650:-1|gene:AGAP001794	3.18	3	2
3450	AGAP001810-PA	362	41.3	hypothetical protein|protein_coding|2R:10842140-10843691:-1|gene:AGAP001810	7.73	2	2
3451	AGAP001872-PA	512	57.9	hypothetical protein|protein_coding|2R:11736803-11738808:-1|gene:AGAP001872	7.42	6	2
3452	AGAP001878-PA	173	20.1	hypothetical protein|protein_coding|2R:11797417-11798179:1|gene:AGAP001878	15.03	7	2
3453	AGAP001888-PA	586	66.6	hypothetical protein|protein_coding|2R:11907986-11909906:-1|gene:AGAP001888	5.12	3	2
3454	AGAP001890-PA	41	4.1	hypothetical protein|protein_coding|2R:11913362-11913576:1|gene:AGAP001890	31.71	4	2
3455	AGAP001894-PA	423	46.2	hypothetical protein|protein_coding|2R:11923746-11926644:1|gene:AGAP001894	6.15	3	2
3456	AGAP001902-PA	182	20.7	hypothetical protein|protein_coding|2R:11973070-11974403:-1|gene:AGAP001902	15.93	4	2
3457	AGAP001905-PA	988	104.7	hypothetical protein|protein_coding|2R:11978747-11987650:1|gene:AGAP001905	4.66	4	2
3458	AGAP001907-PA	1668	180.7	hypothetical protein|protein_coding|2R:11993622-11999176:1|gene:AGAP001907	1.02	2	2
3459	AGAP001935-PB	1414	154.7	hypothetical protein|protein_coding|2R:12612637-12621315:1|gene:AGAP001935	1.63	3	2
3460	AGAP001940-PA	190	21.6	hypothetical protein|protein_coding|2R:12680160-12680732:1|gene:AGAP001940	28.42	3	2
3461	AGAP001956-PA	152	15.4	hypothetical protein|protein_coding|2R:12803807-12804347:-1|gene:AGAP001956	23.03	36	2
3462	AGAP001983-PA	254	28.5	hypothetical protein|protein_coding|2R:13133425-13135790:-1|gene:AGAP001983	11.42	3	2
3463	AGAP001997-PA	398	44.0	hypothetical protein|protein_coding|2R:13321391-13322587:-1|gene:AGAP001997	9.3	2	2

3464	AGAP002014-PA	860	97.9	hypothetical protein|protein_coding|2R:13932762-13935504:-1|gene:AGAP002014	3.02	2	2
3465	AGAP002050-PA	895	99.5	hypothetical protein|protein_coding|2R:14555416-14560541:-1|gene:AGAP002050	3.35	2	2
3466	AGAP002058-PA	630	71.7	hypothetical protein|protein_coding|2R:14686780-14689192:1|gene:AGAP002058	3.97	4	2
3467	AGAP002092-PA	237	26.5	hypothetical protein|protein_coding|2R:15231602-15232478:1|gene:AGAP002092	8.44	39	2
3468	AGAP002144-PA	505	56.8	hypothetical protein|protein_coding|2R:16412081-16414111:1|gene:AGAP002144	5.94	3	2
3469	AGAP002159-PA	1011	108.4	hypothetical protein|protein_coding|2R:16596910-16606700:1|gene:AGAP002159	2.77	4	2
3470	AGAP002166-PA	576	62.8	hypothetical protein|protein_coding|2R:16813197-16815833:-1|gene:AGAP002166	5.73	2	2
3471	AGAP002167-PA	188	20.6	hypothetical protein|protein_coding|2R:16823648-16825171:1|gene:AGAP002167	21.28	3	2
3472	AGAP002186-PA	1083	120.1	hypothetical protein|protein_coding|2R:17238512-17314594:-1|gene:AGAP002186	1.75	2	2
3473	AGAP002198-PA	288	32.8	hypothetical protein|protein_coding|2R:17492468-17493494:-1|gene:AGAP002198	4.17	2	2
3474	AGAP002222-PA	685	74.8	hypothetical protein|protein_coding|2R:17706765-17708968:1|gene:AGAP002222	4.67	3	2
3475	AGAP002223-PA	1289	146.5	hypothetical protein|protein_coding|2R:17709315-17713348:-1|gene:AGAP002223	1.63	3	2
3476	AGAP002268-PA	2743	302.1	hypothetical protein|protein_coding|2R:18384422-18395773:-1|gene:AGAP002268	0.84	3	2
3477	AGAP002290-PA	1261	135.7	hypothetical protein|protein_coding|2R:18634307-18638882:1|gene:AGAP002290	2.38	2	2
3478	AGAP002315-PC	544	60.4	hypothetical protein|protein_coding|2R:19231341-19483201:1|gene:AGAP002315	3.86	2	2
3479	AGAP002318-PA	496	54.7	hypothetical protein|protein_coding|2R:19449770-19451260:1|gene:AGAP002318	5.04	6	2
3480	AGAP002332-PA	196	21.8	hypothetical protein|protein_coding|2R:19974177-19974767:1|gene:AGAP002332	18.88	2	2
3481	AGAP002336-PA	901	97.2	hypothetical protein|protein_coding|2R:20216981-20220319:1|gene:AGAP002336	2.77	3	2

3482	AGAP002355-PA	371	41.4	hypothetical protein|protein_coding|2R:20589506-20591076:1|gene:AGAP002355	8.09	2	2
3483	AGAP002361-PA	292	33.0	hypothetical protein|protein_coding|2R:20620164-20636209:-1|gene:AGAP002361	8.22	3	2
3484	AGAP002375-PA	114	12.6	hypothetical protein|protein_coding|2R:20794267-20794769:-1|gene:AGAP002375	23.68	4	2
3485	AGAP002379-PA	1636	174.9	hypothetical protein|protein_coding|2R:20818459-20844825:-1|gene:AGAP002379	2.26	3	2
3486	AGAP002385-PA	154	17.8	hypothetical protein|protein_coding|2R:20871524-20872144:-1|gene:AGAP002385	22.73	6	2
3487	AGAP002389-PA	139	15.9	hypothetical protein|protein_coding|2R:20881243-20881760:1|gene:AGAP002389	11.51	36	2
3488	AGAP002412-PA	335	38.6	hypothetical protein|protein_coding|2R:21020891-21021960:-1|gene:AGAP002412	7.46	3	2
3489	AGAP002438-PB	481	55.2	hypothetical protein|protein_coding|2R:21390473-21398041:-1|gene:AGAP002438	6.24	2	2
3490	AGAP002475-PA	554	62.7	hypothetical protein|protein_coding|2R:21854891-21856897:-1|gene:AGAP002475	4.51	3	2
3491	AGAP002507-PA	379	42.0	hypothetical protein|protein_coding|2R:22112658-22113797:1|gene:AGAP002507	7.65	3	2
3492	AGAP002543-PA	274	29.8	hypothetical protein|protein_coding|2R:22553284-22554273:1|gene:AGAP002543	9.12	3	2
3493	AGAP002546-PA	238	27.4	hypothetical protein|protein_coding|2R:22664673-22665626:1|gene:AGAP002546	13.03	7	2
3494	AGAP002568-PA	236	26.1	hypothetical protein|protein_coding|2R:22999633-23000537:-1|gene:AGAP002568	9.32	5	2
3495	AGAP002577-PA	1813	207.9	hypothetical protein|protein_coding|2R:23132008-23146452:-1|gene:AGAP002577	1.1	4	2
3496	AGAP002600-PA	428	49.7	hypothetical protein|protein_coding|2R:23784210-23785710:1|gene:AGAP002600	7.24	4	2
3497	AGAP002614-PA	1180	126.7	hypothetical protein|protein_coding|2R:24163045-24168560:-1|gene:AGAP002614	1.78	2	2
3498	AGAP002628-PA	417	46.8	hypothetical protein|protein_coding|2R:24496842-24528705:-1|gene:AGAP002628	5.04	2	2
3499	AGAP002658-PA	88	9.9	hypothetical protein|protein_coding|2R:25205095-25205361:1|gene:AGAP002658	54.55	5	2

3500	AGAP002685-PA	130	15.1	hypothetical protein|protein_coding|2R:25615283-25617428:-1|gene:AGAP002685	18.46	6	2
3501	AGAP002715-PA	2520	262.6	hypothetical protein|protein_coding|2R:26150873-26163048:1|gene:AGAP002715	1.94	3	2
3502	AGAP002717-PA	706	77.0	hypothetical protein|protein_coding|2R:26167040-26169646:1|gene:AGAP002717	3.54	3	2
3503	AGAP002729-PA	948	107.0	hypothetical protein|protein_coding|2R:26292764-26296342:-1|gene:AGAP002729	2.64	3	2
3504	AGAP002731-PA	461	51.8	hypothetical protein|protein_coding|2R:26299409-26301702:1|gene:AGAP002731	6.72	3	2
3505	AGAP002740-PA	210	24.1	hypothetical protein|protein_coding|2R:26443576-26444559:-1|gene:AGAP002740	10.95	2	2
3506	AGAP002742-PA	193	21.5	hypothetical protein|protein_coding|2R:26565910-26566491:1|gene:AGAP002742	30.57	3	2
3507	AGAP002756-PA	286	31.6	hypothetical protein|protein_coding|2R:26729514-26730530:-1|gene:AGAP002756	8.39	3	2
3508	AGAP002760-PA	1584	172.8	hypothetical protein|protein_coding|2R:26782298-26787306:1|gene:AGAP002760	0.69	2	2
3509	AGAP002770-PA	436	48.8	hypothetical protein|protein_coding|2R:26856881-26858441:1|gene:AGAP002770	6.88	6	2
3510	AGAP002778-PA	573	64.8	hypothetical protein|protein_coding|2R:27047830-27049627:1|gene:AGAP002778	4.36	3	2
3511	AGAP002807-PA	870	92.5	hypothetical protein|protein_coding|2R:27865746-27869894:-1|gene:AGAP002807	2.41	2	2
3512	AGAP002816-PA	478	55.4	hypothetical protein|protein_coding|2R:27948020-27950048:1|gene:AGAP002816	2.3	3	2
3513	AGAP002848-PA	148	15.6	hypothetical protein|protein_coding|2R:28300520-28301052:1|gene:AGAP002848	21.62	3	2
3514	AGAP002857-PB	166	18.0	hypothetical protein|protein_coding|2R:28317711-28318396:-1|gene:AGAP002857	16.87	12	2
3515	AGAP002900-PA	901	104.4	hypothetical protein|protein_coding|2R:29101713-29112252:-1|gene:AGAP002900	2.22	2	2
3516	AGAP002913-PA	543	62.2	hypothetical protein|protein_coding|2R:29228612-29230243:-1|gene:AGAP002913	3.31	3	2
3517	AGAP002947-PA	1244	143.0	hypothetical protein|protein_coding|2R:30007406-30017368:-1|gene:AGAP002947	1.45	2	2

3518	AGAP002952-PC	918	102.6	hypothetical protein|protein_coding|2R:30059534-30063728:-1|gene:AGAP002952	2.72	3	2
3519	AGAP002954-PA	932	105.0	hypothetical protein|protein_coding|2R:30076891-30079794:-1|gene:AGAP002954	3.43	2	2
3520	AGAP003001-PA	988	109.8	hypothetical protein|protein_coding|2R:30955034-30975549:-1|gene:AGAP003001	2.13	4	2
3521	AGAP003022-PA	341	40.0	hypothetical protein|protein_coding|2R:31221810-31223249:-1|gene:AGAP003022	8.5	5	2
3522	AGAP003048-PA	333	38.2	hypothetical protein|protein_coding|2R:31435462-31436611:1|gene:AGAP003048	6.91	6	2
3523	AGAP003058-PA	362	40.1	Clip-Domain Serine Protease, family B.|protein_coding|2R:31605985-31607242:-1|gene:AGAP003058	7.18	4	2
3524	AGAP003073-PB	287	31.8	hypothetical protein|protein_coding|2R:32123355-32124299:-1|gene:AGAP003073	4.53	3	2
3525	AGAP003080-PA	1223	127.5	hypothetical protein|protein_coding|2R:32272668-32289048:1|gene:AGAP003080	2.78	8	2
3526	AGAP003088-PA	264	29.8	hypothetical protein|protein_coding|2R:32381912-32383257:-1|gene:AGAP003088	11.74	3	2
3527	AGAP003112-PA	111	12.8	hypothetical protein|protein_coding|2R:32509167-32509584:-1|gene:AGAP003112	25.23	3	2
3528	AGAP003131-PA	549	59.5	hypothetical protein|protein_coding|2R:33105501-33107253:1|gene:AGAP003131	6.56	6	2
3529	AGAP003155-PA	266	29.5	UPF0483 protein AGAP003155|protein_coding|2R:33393790-33394669:-1|gene:AGAP003155	9.02	3	2
3530	AGAP003174-PA	1355	146.4	hypothetical protein|protein_coding|2R:33542680-33552363:1|gene:AGAP003174	1.92	3	2
3531	AGAP003185-PA	486	54.9	hypothetical protein|protein_coding|2R:33630585-33632503:1|gene:AGAP003185	5.35	3	2
3532	AGAP003194-PA	434	48.8	Serine Protease Inhibitor (serpin), likely cleavage at K/A.|protein_coding|2R:33744972-33746693:-1|gene:AGAP003194	8.53	3	2
3533	AGAP003199-PA	204	21.8	hypothetical protein|protein_coding|2R:33777477-33778309:-1|gene:AGAP003199	15.69	2	2
3534	AGAP003211-PA	637	69.1	hypothetical protein|protein_coding|2R:33922284-33924259:-1|gene:AGAP003211	5.02	7	2
3535	AGAP003212-PA	178	19.4	hypothetical protein|protein_coding|2R:33989708-33990962:-1|gene:AGAP003212	18.54	4	2

3536	AGAP003249-PA	365	40.1	Clip-Domain Serine Protease, family B.|protein_coding|2R:34469320-34470673:-1|gene:AGAP003249	4.38	3	2
3537	AGAP003279-PA	1258	141.6	hypothetical protein|protein_coding|2R:34797252-34801414:-1|gene:AGAP003279	1.43	3	2
3538	AGAP003300-PA	366	38.7	hypothetical protein|protein_coding|2R:35217307-35219012:-1|gene:AGAP003300	10.93	4	2
3539	AGAP003303-PA	617	67.9	hypothetical protein|protein_coding|2R:35351762-35356978:-1|gene:AGAP003303	3.73	2	2
3540	AGAP003312-PB	989	107.7	hypothetical protein|protein_coding|2R:35775459-35813820:-1|gene:AGAP003312	3.03	3	2
3541	AGAP003316-PA	477	54.2	hypothetical protein|protein_coding|2R:35839743-35841338:1|gene:AGAP003316	4.4	5	2
3542	AGAP003317-PA	339	37.5	hypothetical protein|protein_coding|2R:35843368-35846497:-1|gene:AGAP003317	6.49	3	2
3543	AGAP003338-PA	136	15.5	AGAP003338-PA|thioredoxin|protein_coding|2R:36292872-36293420:1|gene:AGAP003338	18.38	3	2
3544	AGAP003344-PA	182	20.4	hypothetical protein|protein_coding|2R:36319262-36320002:-1|gene:AGAP003344	16.48	16	2
3545	AGAP003365-PA	371	41.9	hypothetical protein|protein_coding|2R:36863058-36864448:1|gene:AGAP003365	9.97	4	2
3546	AGAP003369-PA	1392	151.0	hypothetical protein|protein_coding|2R:36899497-36907653:1|gene:AGAP003369	1.65	2	2
3547	AGAP003388-PA	564	54.7	hypothetical protein|protein_coding|2R:37224599-37228333:-1|gene:AGAP003388	5.67	6	2
3548	AGAP003398-PC	284	31.5	hypothetical protein|protein_coding|2R:37299909-37301537:1|gene:AGAP003398	6.69	4	2
3549	AGAP003401-PA	349	38.7	hypothetical protein|protein_coding|2R:37405328-37406521:-1|gene:AGAP003401	3.72	3	2
3550	AGAP003409-PA	887	98.6	hypothetical protein|protein_coding|2R:37453666-37458325:-1|gene:AGAP003409	2.82	3	2
3551	AGAP003413-PA	420	46.3	hypothetical protein|protein_coding|2R:37463170-37464432:1|gene:AGAP003413	6.19	2	2
3552	AGAP003463-PA	290	32.6	hypothetical protein|protein_coding|2R:37965504-37966453:-1|gene:AGAP003463	9.66	3	2
3553	AGAP003465-PA	280	28.4	hypothetical protein|protein_coding|2R:38016606-38018316:1|gene:AGAP003465	10	4	2

3554	AGAP003481-PA	374	40.9	hypothetical protein|protein_coding|2R:38489708-38491005:-1|gene:AGAP003481	6.68	3	2
3555	AGAP003514-PA	287	32.7	hypothetical protein|protein_coding|2R:39058440-39063440:1|gene:AGAP003514	13.94	5	2
3556	AGAP003515-PA	276	31.0	hypothetical protein|protein_coding|2R:39064209-39065039:-1|gene:AGAP003515	9.42	2	2
3557	AGAP003519-PA	4403	460.0	hypothetical protein|protein_coding|2R:39084807-39102835:1|gene:AGAP003519	1.11	2	2
3558	AGAP003533-PA	118	12.8	hypothetical protein|protein_coding|2R:39215113-39215618:1|gene:AGAP003533	27.12	3	2
3559	AGAP003580-PA	191	22.1	hypothetical protein|protein_coding|2R:40287196-40287878:-1|gene:AGAP003580	15.18	3	2
3560	AGAP003588-PA	95	10.4	hypothetical protein|protein_coding|2R:40362458-40362912:1|gene:AGAP003588	31.58	5	2
3561	AGAP003593-PA	568	64.5	hypothetical protein|protein_coding|2R:40372841-40374699:-1|gene:AGAP003593	4.75	3	2
3562	AGAP003614-PB	143	16.0	hypothetical protein|protein_coding|2R:40515338-40515900:-1|gene:AGAP003614	18.88	12	2
3563	AGAP003627-PA	310	34.7	hypothetical protein|protein_coding|2R:40695309-40696459:1|gene:AGAP003627	10	8	2
3564	AGAP003632-PA	825	93.9	hypothetical protein|protein_coding|2R:40782890-40785367:-1|gene:AGAP003632	3.52	3	2
3565	AGAP003643-PA	4619	506.0	hypothetical protein|protein_coding|2R:40907220-40922822:1|gene:AGAP003643	0.48	3	2
3566	AGAP003644-PA	199	21.6	hypothetical protein|protein_coding|2R:40925228-40925982:1|gene:AGAP003644	21.11	3	2
3567	AGAP003676-PA	1308	150.7	hypothetical protein|protein_coding|2R:41815789-41819862:-1|gene:AGAP003676	1.61	2	2
3568	AGAP003691-PA	831	94.3	hypothetical protein|protein_coding|2R:42045742-42049107:1|gene:AGAP003691	2.29	2	2
3569	AGAP003704-PA	478	53.0	hypothetical protein|protein_coding|2R:42201664-42203100:-1|gene:AGAP003704	6.49	2	2
3570	AGAP003718-PA	524	59.1	hypothetical protein|protein_coding|2R:42420656-42423781:-1|gene:AGAP003718	7.44	4	2
3571	AGAP003727-PA	951	106.5	hypothetical protein|protein_coding|2R:42626025-42628951:-1|gene:AGAP003727	2.63	7	2

3572	AGAP003729-PA	225	26.1	hypothetical protein|protein_coding|2R:42630978-42631655:-1|gene:AGAP003729	10.67	3	2
3573	AGAP003738-PA	1009	114.1	hypothetical protein|protein_coding|2R:42793477-42801646:-1|gene:AGAP003738	1.78	2	2
3574	AGAP003770-PA	163	19.2	hypothetical protein|protein_coding|2R:43134680-43135243:1|gene:AGAP003770	20.25	2	2
3575	AGAP003774-PA	152	18.1	hypothetical protein|protein_coding|2R:43150633-43151348:-1|gene:AGAP003774	19.74	4	2
3576	AGAP003807-PA	278	30.0	hypothetical protein|protein_coding|2R:43559783-43560834:-1|gene:AGAP003807	11.51	4	2
3577	AGAP003834-PA	298	32.9	hypothetical protein|protein_coding|2R:44226425-44229441:-1|gene:AGAP003834	9.4	6	2
3578	AGAP003849-PB	2116	227.3	hypothetical protein|protein_coding|2R:44391092-44428003:-1|gene:AGAP003849	1.23	4	2
3579	AGAP003863-PA	785	84.0	hypothetical protein|protein_coding|2R:44678196-44691787:-1|gene:AGAP003863	2.68	2	2
3580	AGAP003864-PA	76	8.5	hypothetical protein|protein_coding|2R:44693602-44693832:-1|gene:AGAP003864	25	3	2
3581	AGAP003874-PB	244	27.3	hypothetical protein|protein_coding|2R:44909032-44910848:-1|gene:AGAP003874	9.43	5	2
3582	AGAP003882-PA	2003	225.1	hypothetical protein|protein_coding|2R:45490566-45497995:1|gene:AGAP003882	0.8	2	2
3583	AGAP003884-PA	490	56.4	hypothetical protein|protein_coding|2R:45500528-45502293:1|gene:AGAP003884	3.67	3	2
3584	AGAP003884-PB	617	70.7	hypothetical protein|protein_coding|2R:45499875-45502293:1|gene:AGAP003884	5.51	3	2
3585	AGAP003892-PA	495	55.7	hypothetical protein|protein_coding|2R:45618343-45624524:1|gene:AGAP003892	5.66	3	2
3586	AGAP003903-PA	401	46.1	hypothetical protein|protein_coding|2R:45768433-45769638:1|gene:AGAP003903	8.73	4	2
3587	AGAP003928-PA	502	56.5	hypothetical protein|protein_coding|2R:46366613-46368305:-1|gene:AGAP003928	6.57	3	2
3588	AGAP003999-PA	347	39.2	hypothetical protein|protein_coding|2R:47721981-47723195:-1|gene:AGAP003999	10.95	3	2
3589	AGAP004011-PA	313	33.9	hypothetical protein|protein_coding|2R:47862543-47863600:1|gene:AGAP004011	7.03	3	2

3590	AGAP004032-PA	1267	143.6	hypothetical protein|protein_coding|2R:48015213-48044827:-1|gene:AGAP004032	3.08	2	2
3591	AGAP004049-PA	1394	149.3	hypothetical protein|protein_coding|2R:48632796-48637197:1|gene:AGAP004049	2.87	3	2
3592	AGAP004091-PA	458	51.6	hypothetical protein|protein_coding|2R:49681689-49683152:1|gene:AGAP004091	5.68	2	2
3593	AGAP004119-PA	1152	128.3	hypothetical protein|protein_coding|2R:50271906-50309017:1|gene:AGAP004119	2.6	3	2
3594	AGAP004136-PA	1039	111.2	hypothetical protein|protein_coding|2R:50646355-50667200:-1|gene:AGAP004136	2.12	4	2
3595	AGAP004148-PA	379	41.2	Clip-Domain Serine Protease, family B.|protein_coding|2R:50743105-50744711:-1|gene:AGAP004148	8.18	3	2
3596	AGAP004221-PA	544	62.1	hypothetical protein|protein_coding|2R:52059089-52060836:1|gene:AGAP004221	4.04	5	2
3597	AGAP004229-PA	2085	230.0	hypothetical protein|protein_coding|2R:52459017-52465841:1|gene:AGAP004229	0.86	2	2
3598	AGAP004232-PA	420	46.4	hypothetical protein|protein_coding|2R:52872613-52909226:-1|gene:AGAP004232	10.48	4	2
3599	AGAP004245-PA	438	46.5	hypothetical protein|protein_coding|2R:53131693-53133130:1|gene:AGAP004245	6.85	4	2
3600	AGAP004256-PB	1160	127.5	hypothetical protein|protein_coding|2R:53358869-53368370:1|gene:AGAP004256	2.59	3	2
3601	AGAP004286-PA	511	53.7	hypothetical protein|protein_coding|2R:53992830-53994365:-1|gene:AGAP004286	8.81	5	2
3602	AGAP004318-PA	393	43.1	Clip-Domain Serine Protease, family C.|protein_coding|2R:54406026-54412612:-1|gene:AGAP004318	7.12	2	2
3603	AGAP004358-PA	626	69.4	hypothetical protein|protein_coding|2R:55030454-55035376:-1|gene:AGAP004358	6.07	3	2
3604	AGAP004373-PA	335	39.2	hypothetical protein|protein_coding|2R:55449580-55461284:1|gene:AGAP004373	8.36	2	2
3605	AGAP004420-PA	324	36.9	hypothetical protein|protein_coding|2R:55858684-55859912:-1|gene:AGAP004420	8.02	3	2
3606	AGAP004430-PA	1705	193.6	hypothetical protein|protein_coding|2R:55935569-55941359:1|gene:AGAP004430	2.35	2	2
3607	AGAP004456-PA	379	41.7	Gram-Negative Binding Protein (GNBP), or Beta-1,3-Glucan Binding Protein (BGBP).|protein_coding|2R:56684663-56686049:-1|gene:AGAP004456	10.82	4	2

3608	AGAP004465-PA	306	34.6	hypothetical protein|protein_coding|2R:56717687-56718668:-1|gene:AGAP004465	6.54	3	2
3609	AGAP004468-PA	293	32.9	hypothetical protein|protein_coding|2R:56725238-56726119:-1|gene:AGAP004468	13.65	4	2
3610	AGAP004476-PA	512	54.9	hypothetical protein|protein_coding|2R:56769462-56781618:1|gene:AGAP004476	5.47	11	2
3611	AGAP004498-PA	327	38.4	hypothetical protein|protein_coding|2R:57078950-57080018:1|gene:AGAP004498	6.12	2	2
3612	AGAP004504-PB	1303	145.6	hypothetical protein|protein_coding|2R:57140067-57146877:1|gene:AGAP004504	1.53	9	2
3613	AGAP004510-PA	400	45.5	hypothetical protein|protein_coding|2R:57204914-57206874:1|gene:AGAP004510	8	11	2
3614	AGAP004518-PA	648	71.3	hypothetical protein|protein_coding|2R:57303200-57305292:1|gene:AGAP004518	2.16	3	2
3615	AGAP004519-PB	312	35.0	hypothetical protein|protein_coding|2R:57327659-57329455:1|gene:AGAP004519	10.26	4	2
3616	AGAP004521-PA	549	61.4	hypothetical protein|protein_coding|2R:57334083-57335805:1|gene:AGAP004521	6.19	3	2
3617	AGAP004626-PA	235	26.7	hypothetical protein|protein_coding|2R:58634598-58635394:-1|gene:AGAP004626	7.66	6	2
3618	AGAP004641-PA	282	32.8	hypothetical protein|protein_coding|2R:58846207-58847123:-1|gene:AGAP004641	11.35	4	2
3619	AGAP004685-PB	951	107.6	hypothetical protein|protein_coding|2L:493633-496897:-1|gene:AGAP004685	0.74	5	2
3620	AGAP004689-PC	564	63.8	hypothetical protein|protein_coding|2L:1052326-1056900:1|gene:AGAP004689	2.84	3	2
3621	AGAP004703-PA	1379	153.9	hypothetical protein|protein_coding|2L:2248770-2253546:1|gene:AGAP004703	1.31	3	2
3622	AGAP004752-PA	235	27.6	tRNA (guanine-N(7)-)-methyltransferase (EC 2.1.1.33)(tRNA(m7G46)-methyltransferase)|protein_coding|2L:3057140-3057847:1|gene:AGAP004752	18.3	3	2
3623	AGAP004768-PB	489	54.2	hypothetical protein|protein_coding|2L:3288119-3322463:-1|gene:AGAP004768	6.75	6	2
3624	AGAP004830-PB	461	52.1	hypothetical protein|protein_coding|2L:4184228-4185754:-1|gene:AGAP004830	4.77	2	2
3625	AGAP004833-PA	953	110.5	hypothetical protein|protein_coding|2L:4233579-4238089:1|gene:AGAP004833	1.36	2	2

3626	AGAP004834-PA	443	50.6	hypothetical protein|protein_coding|2L:4243691-4249860:-1|gene:AGAP004834	6.09	4	2
3627	AGAP004846-PA	512	57.4	Class B Scavenger Receptor (CD36 domain).|protein_coding|2L:4405292-4427118:1|gene:AGAP004846	5.86	7	2
3628	AGAP004864-PA	602	66.4	hypothetical protein|protein_coding|2L:4586760-4591451:-1|gene:AGAP004864	5.81	5	2
3629	AGAP004873-PA	1463	162.8	hypothetical protein|protein_coding|2L:4769361-4800301:-1|gene:AGAP004873	1.85	4	2
3630	AGAP004935-PA	856	98.3	hypothetical protein|protein_coding|2L:6204286-6206914:1|gene:AGAP004935	2.57	3	2
3631	AGAP004937-PA	959	105.8	hypothetical protein|protein_coding|2L:6213790-6217616:-1|gene:AGAP004937	3.44	4	2
3632	AGAP004983-PA	225	26.0	hypothetical protein|protein_coding|2L:7537935-7541642:-1|gene:AGAP004983	10.67	3	2
3633	AGAP004986-PA	163	18.4	hypothetical protein|protein_coding|2L:7541839-7542463:1|gene:AGAP004986	15.34	3	2
3634	AGAP004988-PA	268	28.4	hypothetical protein|protein_coding|2L:7550466-7551346:1|gene:AGAP004988	12.31	3	2
3635	AGAP005020-PA	813	94.0	hypothetical protein|protein_coding|2L:8329992-8344698:-1|gene:AGAP005020	2.71	3	2
3636	AGAP005029-PA	368	39.5	hypothetical protein|protein_coding|2L:8569431-8580296:1|gene:AGAP005029	8.42	3	2
3637	AGAP005038-PA	536	57.7	hypothetical protein|protein_coding|2L:8689589-8695812:1|gene:AGAP005038	5.41	4	2
3638	AGAP005081-PA	181	21.0	hypothetical protein|protein_coding|2L:9758875-9759546:1|gene:AGAP005081	8.29	3	2
3639	AGAP005101-PA	2094	242.4	hypothetical protein|protein_coding|2L:10117831-10125074:-1|gene:AGAP005101	0.48	3	2
3640	AGAP005128-PA	463	50.3	hypothetical protein|protein_coding|2L:10336892-10338354:1|gene:AGAP005128	3.46	3	2
3641	AGAP005148-PB	171	20.0	hypothetical protein|protein_coding|2L:10577028-10577613:1|gene:AGAP005148	16.96	7	2
3642	AGAP005152-PA	293	32.5	hypothetical protein|protein_coding|2L:10589545-10590426:1|gene:AGAP005152	9.9	4	2
3643	AGAP005209-PA	564	63.1	hypothetical protein|protein_coding|2L:12353685-12356143:-1|gene:AGAP005209	9.04	3	2

3644	AGAP005227-PA	722	76.6	hypothetical protein|protein_coding|2L:12535623-12538060:1|gene:AGAP005227	4.71	3	2
3645	AGAP005239-PA	306	33.2	hypothetical protein|protein_coding|2L:12708085-12709261:-1|gene:AGAP005239	8.5	4	2
3646	AGAP005262-PA	619	68.9	hypothetical protein|protein_coding|2L:13365993-13368074:-1|gene:AGAP005262	3.72	3	2
3647	AGAP005263-PA	1320	143.9	hypothetical protein|protein_coding|2L:13380597-13385701:1|gene:AGAP005263	2.65	5	2
3648	AGAP005270-PA	324	37.7	hypothetical protein|protein_coding|2L:13502862-13504126:-1|gene:AGAP005270	7.72	3	2
3649	AGAP005288-PC	693	76.3	hypothetical protein|protein_coding|2L:13706538-13709424:1|gene:AGAP005288	2.74	3	2
3650	AGAP005298-PA	273	31.5	hypothetical protein|protein_coding|2L:13807715-13808695:-1|gene:AGAP005298	10.62	3	2
3651	AGAP005332-PA	351	40.9	C-Type Lectin (CTL) - mannose binding. Transcript B|protein_coding|2L:14192506-14230962:1|gene:AGAP005332	9.69	4	2
3652	AGAP005332-PB	195	22.6	C-Type Lectin (CTL) - mannose binding. Transcript B|protein_coding|2L:14222751-14230962:1|gene:AGAP005332	21.03	4	2
3653	AGAP005342-PA	545	62.0	hypothetical protein|protein_coding|2L:14288478-14291180:-1|gene:AGAP005342	3.67	4	2
3654	AGAP005344-PA	210	24.4	hypothetical protein|protein_coding|2L:14295886-14296518:1|gene:AGAP005344	13.33	2	2
3655	AGAP005352-PA	515	58.6	hypothetical protein|protein_coding|2L:14470082-14472572:1|gene:AGAP005352	4.66	4	2
3656	AGAP005366-PA	1364	149.8	hypothetical protein|protein_coding|2L:14661187-14666238:1|gene:AGAP005366	1.91	2	2
3657	AGAP005375-PA	510	58.1	hypothetical protein|protein_coding|2L:14724509-14726117:1|gene:AGAP005375	5.1	2	2
3658	AGAP005380-PA	160	18.0	hypothetical protein|protein_coding|2L:14831285-14831924:1|gene:AGAP005380	14.37	3	2
3659	AGAP005385-PA	326	38.0	hypothetical protein|protein_coding|2L:14842419-14843478:-1|gene:AGAP005385	7.36	7	2
3660	AGAP005391-PA	1130	121.9	hypothetical protein|protein_coding|2L:14897966-14901426:1|gene:AGAP005391	2.12	2	2
3661	AGAP005501-PA	247	26.7	hypothetical protein|protein_coding|2L:16245126-16246809:1|gene:AGAP005501	12.96	4	2

3662	AGAP005509-PA	223	25.3	hypothetical protein|protein_coding|2L:16468174-16485321:1|gene:AGAP005509	16.59	4	2
3663	AGAP005527-PA	1762	192.8	hypothetical protein|protein_coding|2L:16639642-16647151:-1|gene:AGAP005527	1.59	5	2
3664	AGAP005602-PA	78	8.8	hypothetical protein|protein_coding|2L:17801586-17801822:1|gene:AGAP005602	26.92	9	2
3665	AGAP005603-PA	77	8.7	hypothetical protein|protein_coding|2L:17802635-17802868:-1|gene:AGAP005603	25.97	8	2
3666	AGAP005618-PA	183	21.3	hypothetical protein|protein_coding|2L:17920226-17920992:-1|gene:AGAP005618	14.75	4	2
3667	AGAP005669-PA	301	31.9	hypothetical protein|protein_coding|2L:18513455-18514360:1|gene:AGAP005669	10.63	6	2
3668	AGAP005704-PA	305	33.0	hypothetical protein|protein_coding|2L:19203835-19204943:1|gene:AGAP005704	10.16	5	2
3669	AGAP005740-PA	958	106.4	hypothetical protein|protein_coding|2L:20054341-20057217:1|gene:AGAP005740	2.92	5	2
3670	AGAP005751-PA	519	59.6	hypothetical protein|protein_coding|2L:20203142-20205319:-1|gene:AGAP005751	5.97	3	2
3671	AGAP005753-PA	519	59.3	hypothetical protein|protein_coding|2L:20208544-20210366:1|gene:AGAP005753	4.62	2	2
3672	AGAP005772-PA	289	33.0	hypothetical protein|protein_coding|2L:20428142-20429093:1|gene:AGAP005772	8.3	3	2
3673	AGAP005789-PA	1402	159.4	hypothetical protein|protein_coding|2L:20673196-20677679:-1|gene:AGAP005789	1.93	3	2
3674	AGAP005814-PA	699	77.8	hypothetical protein|protein_coding|2L:21634412-21636655:1|gene:AGAP005814	5.58	3	2
3675	AGAP005816-PB	1116	126.7	hypothetical protein|protein_coding|2L:21779593-21821057:1|gene:AGAP005816	1.97	4	2
3676	AGAP005818-PA	254	29.7	hypothetical protein|protein_coding|2L:21831355-21832180:1|gene:AGAP005818	8.66	3	2
3677	AGAP005824-PA	220	25.1	hypothetical protein|protein_coding|2L:22052106-22052850:1|gene:AGAP005824	10.45	4	2
3678	AGAP005839-PA	474	51.6	hypothetical protein|protein_coding|2L:22337247-22357690:-1|gene:AGAP005839	7.17	6	2
3679	AGAP005843-PA	230	26.5	hypothetical protein|protein_coding|2L:22423071-22423908:1|gene:AGAP005843	8.26	3	2

3680	AGAP005851-PA	403	45.7	hypothetical protein|protein_coding|2L:22608675-22610163:1|gene:AGAP005851	3.47	2	2
3681	AGAP005861-PB	192	21.2	hypothetical protein|protein_coding|2L:22641954-22642621:1|gene:AGAP005861	20.31	31	2
3682	AGAP005908-PA	403	44.7	hypothetical protein|protein_coding|2L:23603518-23604729:1|gene:AGAP005908	5.71	4	2
3683	AGAP005916-PA	183	21.1	hypothetical protein|protein_coding|2L:23649404-23650332:-1|gene:AGAP005916	14.75	3	2
3684	AGAP005933-PA	557	61.9	hypothetical protein|protein_coding|2L:23851709-23853536:-1|gene:AGAP005933	4.31	5	2
3685	AGAP005956-PA	556	60.5	hypothetical protein|protein_coding|2L:24045920-24048142:-1|gene:AGAP005956	5.94	3	2
3686	AGAP005957-PA	145	17.1	hypothetical protein|protein_coding|2L:24049052-24049644:1|gene:AGAP005957	17.24	6	2
3687	AGAP005976-PA	604	67.8	hypothetical protein|protein_coding|2L:24386917-24403506:1|gene:AGAP005976	5.79	5	2
3688	AGAP005984-PA	545	63.0	hypothetical protein|protein_coding|2L:24521057-24525656:1|gene:AGAP005984	5.87	4	2
3689	AGAP005990-PA	207	24.0	hypothetical protein|protein_coding|2L:24566886-24567768:-1|gene:AGAP005990	9.66	4	2
3690	AGAP005993-PA	460	50.8	hypothetical protein|protein_coding|2L:24577687-24579472:-1|gene:AGAP005993	6.52	5	2
3691	AGAP005994-PA	256	29.6	hypothetical protein|protein_coding|2L:24580830-24581781:-1|gene:AGAP005994	8.2	3	2
3692	AGAP005995-PA	403	43.7	cuticular protein 138, RR-1 family|protein_coding|2L:24600858-24606154:-1|gene:AGAP005995	5.96	8	2
3693	AGAP006040-PA	194	22.4	hypothetical protein|protein_coding|2L:25546378-25547123:-1|gene:AGAP006040	19.07	6	2
3694	AGAP006084-PA	309	33.4	hypothetical protein|protein_coding|2L:26266034-26267021:1|gene:AGAP006084	14.24	3	2
3695	AGAP006122-PA	414	46.2	hypothetical protein|protein_coding|2L:27007168-27008468:1|gene:AGAP006122	7.49	3	2
3696	AGAP006125-PA	205	22.1	hypothetical protein|protein_coding|2L:27012414-27013031:1|gene:AGAP006125	16.59	5	2
3697	AGAP006138-PA	673	75.6	hypothetical protein|protein_coding|2L:27082644-27084803:1|gene:AGAP006138	4.16	2	2

3698	AGAP006148-PA	128	13.5	hypothetical protein|protein_coding|2L:27158621-27159093:-1|gene:AGAP006148	27.34	24	2
3699	AGAP006149-PA	138	14.0	Cuticular protein unclassified|protein_coding|2L:27173461-27174125:-1|gene:AGAP006149	24.64	82	2
3700	AGAP006160-PA	308	35.2	hypothetical protein|protein_coding|2L:27436958-27437884:1|gene:AGAP006160	8.77	4	2
3701	AGAP006161-PA	181	20.4	hypothetical protein|protein_coding|2L:27438693-27439344:1|gene:AGAP006161	23.2	2	2
3702	AGAP006162-PA	312	34.7	hypothetical protein|protein_coding|2L:27439536-27440710:-1|gene:AGAP006162	8.97	4	2
3703	AGAP006199-PA	186	21.4	hypothetical protein|protein_coding|2L:28222220-28222916:-1|gene:AGAP006199	15.05	6	2
3704	AGAP006229-PA	214	24.3	hypothetical protein|protein_coding|2L:28550985-28551840:1|gene:AGAP006229	14.95	6	2
3705	AGAP006243-PA	250	27.6	hypothetical protein|protein_coding|2L:28590821-28593738:-1|gene:AGAP006243	11.2	11	2
3706	AGAP006273-PA	718	79.2	hypothetical protein|protein_coding|2L:29021062-29023428:-1|gene:AGAP006273	3.34	2	2
3707	AGAP006348-PA	509	57.3	hypothetical protein|protein_coding|2L:30329656-30331261:-1|gene:AGAP006348	3.34	4	2
3708	AGAP006359-PA	368	40.2	hypothetical protein|protein_coding|2L:30454508-30455684:-1|gene:AGAP006359	6.25	3	2
3709	AGAP006388-PA	1201	139.8	hypothetical protein|protein_coding|2L:31043978-31047651:1|gene:AGAP006388	1.5	4	2
3710	AGAP006405-PA	615	67.9	hypothetical protein|protein_coding|2L:31397844-31447449:-1|gene:AGAP006405	2.28	2	2
3711	AGAP006451-PA	1075	118.5	hypothetical protein|protein_coding|2L:32258595-32262542:-1|gene:AGAP006451	1.12	3	2
3712	AGAP006472-PA	2261	258.1	hypothetical protein|protein_coding|2L:32615969-32626008:1|gene:AGAP006472	0.53	3	2
3713	AGAP006482-PA	257	29.9	hypothetical protein|protein_coding|2L:32865243-32866086:-1|gene:AGAP006482	9.73	4	2
3714	AGAP006486-PA	287	30.8	hypothetical protein|protein_coding|2L:32883570-32884502:-1|gene:AGAP006486	13.24	9	2
3715	AGAP006494-PA	91	9.8	hypothetical protein|protein_coding|2L:33002184-33002459:-1|gene:AGAP006494	30.77	21	2

3716	AGAP006518-PA	201	22.2	hypothetical protein|protein_coding|2L:33776459-33777288:1|gene:AGAP006518	10.95	3	2
3717	AGAP006522-PA	177	20.2	hypothetical protein|protein_coding|2L:33834351-33835395:-1|gene:AGAP006522	16.95	3	2
3718	AGAP006532-PA	506	56.1	hypothetical protein|protein_coding|2L:33939186-33945914:1|gene:AGAP006532	4.55	2	2
3719	AGAP006539-PA	270	28.7	hypothetical protein|protein_coding|2L:34064109-34065067:1|gene:AGAP006539	11.85	3	2
3720	AGAP006546-PA	460	51.4	hypothetical protein|protein_coding|2L:34103751-34105772:1|gene:AGAP006546	7.17	5	2
3721	AGAP006575-PA	122	13.6	hypothetical protein|protein_coding|2L:34220142-34220671:-1|gene:AGAP006575	18.85	3	2
3722	AGAP006583-PA	81	8.8	hypothetical protein|protein_coding|2L:34270609-34270934:-1|gene:AGAP006583	38.27	5	2
3723	AGAP006594-PA	490	54.7	hypothetical protein|protein_coding|2L:34528609-34533158:-1|gene:AGAP006594	4.29	3	2
3724	AGAP006601-PA	1452	150.0	hypothetical protein|protein_coding|2L:34660625-34666898:1|gene:AGAP006601	3.37	5	2
3725	AGAP006604-PA	94	10.3	hypothetical protein|protein_coding|2L:34672871-34673339:-1|gene:AGAP006604	47.87	7	2
3726	AGAP006613-PA	152	17.5	Eukaryotic translation initiation factor 3 subunit J (eIF3j)|protein_coding|2L:34735931-34736543:1|gene:AGAP006613	18.42	2	2
3727	AGAP006626-PA	626	70.0	hypothetical protein|protein_coding|2L:34774084-34777054:1|gene:AGAP006626	3.35	3	2
3728	AGAP006633-PB	493	55.2	hypothetical protein|protein_coding|2L:34866237-34877566:-1|gene:AGAP006633	7.51	3	2
3729	AGAP006634-PA	718	82.6	hypothetical protein|protein_coding|2L:34925049-35153301:-1|gene:AGAP006634	3.48	2	2
3730	AGAP006637-PA	500	54.7	hypothetical protein|protein_coding|2L:35403103-35404968:-1|gene:AGAP006637	6.6	2	2
3731	AGAP006644-PA	705	76.9	hypothetical protein|protein_coding|2L:35564225-35566342:-1|gene:AGAP006644	2.7	3	2
3732	AGAP006653-PB	265	30.2	hypothetical protein|protein_coding|2L:35706942-35709218:1|gene:AGAP006653	7.92	3	2
3733	AGAP006656-PA	237	26.3	hypothetical protein|protein_coding|2L:35834475-36184842:-1|gene:AGAP006656	11.81	10	2

3734	AGAP006665-PB	1151	122.0	hypothetical protein|protein_coding|2L:36442730-36511537:1|gene:AGAP006665	2.69	5	2
3735	AGAP006670-PA	377	42.5	hypothetical protein|protein_coding|2L:36631464-36633004:1|gene:AGAP006670	7.69	3	2
3736	AGAP006684-PA	271	30.8	hypothetical protein|protein_coding|2L:36681148-36682028:-1|gene:AGAP006684	8.86	3	2
3737	AGAP006719-PA	313	35.8	hypothetical protein|protein_coding|2L:37160462-37161502:-1|gene:AGAP006719	9.9	2	2
3738	AGAP006755-PA	434	51.4	hypothetical protein|protein_coding|2L:37874306-37879625:1|gene:AGAP006755	7.37	4	2
3739	AGAP006799-PA	165	19.0	hypothetical protein|protein_coding|2L:38581914-38582578:-1|gene:AGAP006799	18.18	3	2
3740	AGAP006807-PA	264	29.1	hypothetical protein|protein_coding|2L:38680234-38681028:-1|gene:AGAP006807	13.26	5	2
3741	AGAP006827-PA	248	27.4	hypothetical protein|protein_coding|2L:39037404-39038376:-1|gene:AGAP006827	11.69	5	2
3742	AGAP006890-PB	175	20.1	hypothetical protein|protein_coding|2L:39408675-39409984:1|gene:AGAP006890	18.29	7	2
3743	AGAP006906-PA	531	61.2	hypothetical protein|protein_coding|2L:39851960-39854636:1|gene:AGAP006906	4.14	3	2
3744	AGAP006921-PA	748	79.2	hypothetical protein|protein_coding|2L:40025757-40029213:1|gene:AGAP006921	2.54	2	2
3745	AGAP006941-PA	655	74.0	hypothetical protein|protein_coding|2L:40180268-40182388:-1|gene:AGAP006941	3.66	2	2
3746	AGAP006953-PA	183	20.8	hypothetical protein|protein_coding|2L:40217412-40218034:-1|gene:AGAP006953	14.75	6	2
3747	AGAP006968-PA	993	110.6	hypothetical protein|protein_coding|2L:40404295-40407881:1|gene:AGAP006968	2.42	2	2
3748	AGAP006990-PB	1724	184.8	hypothetical protein|protein_coding|2L:40485992-40495867:1|gene:AGAP006990	0.87	3	2
3749	AGAP006998-PA	1138	131.2	hypothetical protein|protein_coding|2L:40542177-40545920:1|gene:AGAP006998	1.85	3	2
3750	AGAP007001-PA	315	34.7	hypothetical protein|protein_coding|2L:40589553-40590701:1|gene:AGAP007001	21.59	3	2
3751	AGAP007020-PA	223	24.4	Thioredoxin Peroxidase.|protein_coding|2L:40999562-41000233:-1|gene:AGAP007020	14.35	3	2

3752	AGAP007039-PA	550	59.9	hypothetical protein|protein_coding|2L:41292201-41293914:1|gene:AGAP007039	3.82	3	2
3753	AGAP007046-PA	550	62.1	hypothetical protein|protein_coding|2L:41624688-41644582:-1|gene:AGAP007046	6	3	2
3754	AGAP007116-PA	128	12.7	hypothetical protein|protein_coding|2L:43022973-43023359:1|gene:AGAP007116	44.53	15	2
3755	AGAP007122-PA	449	49.9	hypothetical protein|protein_coding|2L:43050145-43051584:-1|gene:AGAP007122	3.34	2	2
3756	AGAP007135-PA	1351	146.7	hypothetical protein|protein_coding|2L:43341879-43368282:-1|gene:AGAP007135	1.92	3	2
3757	AGAP007140-PA	553	60.5	hypothetical protein|protein_coding|2L:43559239-43561048:1|gene:AGAP007140	5.06	3	2
3758	AGAP007145-PA	730	83.3	hypothetical protein|protein_coding|2L:43574317-43576650:1|gene:AGAP007145	3.15	3	2
3759	AGAP007151-PA	142	14.4	hypothetical protein|protein_coding|2L:43584106-43584609:-1|gene:AGAP007151	13.38	3	2
3760	AGAP007154-PA	145	14.3	hypothetical protein|protein_coding|2L:43590075-43590585:-1|gene:AGAP007154	22.76	18	2
3761	AGAP007175-PA	468	53.7	hypothetical protein|protein_coding|2L:43847093-43856711:1|gene:AGAP007175	6.41	3	2
3762	AGAP007206-PA	394	44.6	hypothetical protein|protein_coding|2L:44286271-44287529:-1|gene:AGAP007206	7.61	4	2
3763	AGAP007214-PA	454	52.6	hypothetical protein|protein_coding|2L:44367893-44369257:-1|gene:AGAP007214	5.73	3	2
3764	AGAP007242-PB	141	16.0	hypothetical protein|protein_coding|2L:44512520-44515161:-1|gene:AGAP007242	12.77	3	2
3765	AGAP007256-PA	1171	125.8	hypothetical protein|protein_coding|2L:44718290-44725290:1|gene:AGAP007256	3.16	2	2
3766	AGAP007306-PA	222	25.6	hypothetical protein|protein_coding|2L:45129594-45130689:-1|gene:AGAP007306	10.81	6	2
3767	AGAP007340-PA	581	64.9	hypothetical protein|protein_coding|2L:45850113-45872257:1|gene:AGAP007340	2.75	14	2
3768	AGAP007358-PA	324	37.5	hypothetical protein|protein_coding|2L:46038173-46039147:1|gene:AGAP007358	6.17	4	2
3769	AGAP007373-PA	286	32.0	hypothetical protein|protein_coding|2L:46136713-46137938:-1|gene:AGAP007373	10.84	5	2

3770	AGAP007390-PA	680	78.0	hypothetical protein|protein_coding|2L:46277483-46279749:-1|gene:AGAP007390	3.38	2	2
3771	AGAP007501-PA	156	17.6	hypothetical protein|protein_coding|2L:46959668-46967179:1|gene:AGAP007501	17.31	3	2
3772	AGAP007511-PA	816	91.9	hypothetical protein|protein_coding|2L:47002731-47005242:1|gene:AGAP007511	3.68	6	2
3773	AGAP007525-PA	635	71.5	hypothetical protein|protein_coding|2L:47221129-47223688:1|gene:AGAP007525	4.25	4	2
3774	AGAP007542-PA	317	34.7	hypothetical protein|protein_coding|2L:47437000-47437953:-1|gene:AGAP007542	8.52	3	2
3775	AGAP007548-PB	463	49.8	putative rhodopsin receptor 10|protein_coding|2L:47479989-47494564:-1|gene:AGAP007548	6.7	6	2
3776	AGAP007565-PA	496	53.9	hypothetical protein|protein_coding|2L:47724214-47726816:1|gene:AGAP007565	8.47	2	2
3777	AGAP007576-PA	631	70.3	hypothetical protein|protein_coding|2L:47793014-47795121:1|gene:AGAP007576	1.74	3	2
3778	AGAP007613-PA	332	38.3	hypothetical protein|protein_coding|2L:48278096-48280015:1|gene:AGAP007613	10.24	2	2
3779	AGAP007618-PA	271	30.9	hypothetical protein|protein_coding|2L:48340320-48341379:1|gene:AGAP007618	10.33	6	2
3780	AGAP007620-PA	217	23.5	hypothetical protein|protein_coding|2L:48347733-48353025:-1|gene:AGAP007620	11.98	16	2
3781	AGAP007623-PA	1462	162.3	hypothetical protein|protein_coding|2L:48362805-48375800:-1|gene:AGAP007623	2.05	3	2
3782	AGAP007636-PA	1142	124.6	hypothetical protein|protein_coding|2L:48530070-48535894:1|gene:AGAP007636	2.71	3	2
3783	AGAP007653-PA	333	36.8	hypothetical protein|protein_coding|2L:48762165-48765808:1|gene:AGAP007653	7.51	9	2
3784	AGAP007657-PA	257	26.9	hypothetical protein|protein_coding|2L:48798563-48814614:1|gene:AGAP007657	10.89	3	2
3785	AGAP007670-PA	247	28.1	hypothetical protein|protein_coding|2L:48890044-48891079:-1|gene:AGAP007670	20.24	7	2
3786	AGAP007693-PA	399	44.3	Serine Protease Inhibitor (serpin), likely cleavage at R/V.|protein_coding|2L:49090665-49091952:-1|gene:AGAP007693	7.27	2	2
3787	AGAP007721-PA	112	12.4	hypothetical protein|protein_coding|2L:49272258-49273580:1|gene:AGAP007721	29.46	15	2

3788	AGAP007726-PB	1007	111.9	hypothetical protein|protein_coding|2L:49328639-49334082:1|gene:AGAP007726	4.67	4	2
3789	AGAP007733-PA	457	51.2	hypothetical protein|protein_coding|3R:39702-41560:1|gene:AGAP007733	5.47	13	2
3790	AGAP007749-PA	732	82.4	hypothetical protein|protein_coding|3R:225234-227655:1|gene:AGAP007749	6.01	2	2
3791	AGAP007810-PA	1878	207.6	hypothetical protein|protein_coding|3R:1317049-1322751:-1|gene:AGAP007810	1.7	6	2
3792	AGAP007812-PA	220	25.0	hypothetical protein|protein_coding|3R:1325615-1326422:1|gene:AGAP007812	13.64	4	2
3793	AGAP007834-PA	459	51.4	hypothetical protein|protein_coding|3R:1530687-1532224:-1|gene:AGAP007834	8.28	4	2
3794	AGAP007844-PA	631	71.6	hypothetical protein|protein_coding|3R:1851091-1853117:-1|gene:AGAP007844	3.49	2	2
3795	AGAP007867-PA	104	11.6	hypothetical protein|protein_coding|3R:2377597-2383041:1|gene:AGAP007867	19.23	26	2
3796	AGAP007879-PB	316	34.9	hypothetical protein|protein_coding|3R:2459677-2460769:1|gene:AGAP007879	8.54	6	2
3797	AGAP007885-PA	266	29.6	hypothetical protein|protein_coding|3R:2468325-2469195:1|gene:AGAP007885	9.02	3	2
3798	AGAP007888-PA	1454	161.6	hypothetical protein|protein_coding|3R:2514846-2527095:-1|gene:AGAP007888	1.51	2	2
3799	AGAP007892-PB	1822	190.6	hypothetical protein|protein_coding|3R:2544022-2551401:-1|gene:AGAP007892	1.54	3	2
3800	AGAP007902-PA	898	99.5	hypothetical protein|protein_coding|3R:2595121-2602225:-1|gene:AGAP007902	2.45	2	2
3801	AGAP007923-PA	2187	240.3	hypothetical protein|protein_coding|3R:2839732-2853978:-1|gene:AGAP007923	1.01	5	2
3802	AGAP007934-PB	549	62.6	hypothetical protein|protein_coding|3R:3142199-3144562:-1|gene:AGAP007934	4.55	3	2
3803	AGAP007983-PA	424	47.6	hypothetical protein|protein_coding|3R:3662878-3665290:-1|gene:AGAP007983	11.56	3	2
3804	AGAP007991-PA	587	64.7	hypothetical protein|protein_coding|3R:3837617-3845571:1|gene:AGAP007991	6.64	2	2
3805	AGAP008004-PA	103	11.2	hypothetical protein|protein_coding|3R:3999313-3999767:-1|gene:AGAP008004	50.49	7	2
3806	AGAP008008-PA	64	6.9	Coiled-coil domain-containing protein 72 homolog|protein_coding|3R:4021300-4021494:1|gene:AGAP008008	37.5	10	2

3807	AGAP008039-PA	368	42.4	hypothetical protein|protein_coding|3R:4797506-4798682:1|gene:AGAP008039	7.34	10	2
3808	AGAP008043-PA	220	24.8	hypothetical protein|protein_coding|3R:4804832-4805494:-1|gene:AGAP008043	10.91	2	2
3809	AGAP008053-PA	423	47.3	hypothetical protein|protein_coding|3R:4869745-4871623:1|gene:AGAP008053	7.57	2	2
3810	AGAP008055-PA	168	19.1	hypothetical protein|protein_coding|3R:4883556-4884159:-1|gene:AGAP008055	15.48	2	2
3811	AGAP008065-PA	659	74.4	hypothetical protein|protein_coding|3R:4978301-4981217:-1|gene:AGAP008065	3.95	3	2
3812	AGAP008073-PA	120	13.6	hypothetical protein|protein_coding|3R:5085992-5086354:-1|gene:AGAP008073	20	3	2
3813	AGAP008091-PA	322	35.2	Clip-Domain Serine Protease, family E. Protease homologue.|protein_coding|3R:5403364-5405361:1|gene:AGAP008091	16.77	4	2
3814	AGAP008105-PA	779	90.3	hypothetical protein|protein_coding|3R:5802633-5807587:-1|gene:AGAP008105	4.36	3	2
3815	AGAP008106-PA	217	24.5	hypothetical protein|protein_coding|3R:5810307-5811027:-1|gene:AGAP008106	13.36	3	2
3816	AGAP008109-PB	206	23.3	hypothetical protein|protein_coding|3R:5819435-5820213:-1|gene:AGAP008109	10.19	3	2
3817	AGAP008118-PA	505	56.3	hypothetical protein|protein_coding|3R:5886695-5893452:-1|gene:AGAP008118	2.97	6	2
3818	AGAP008150-PA	265	30.6	hypothetical protein|protein_coding|3R:6211698-6212626:1|gene:AGAP008150	10.94	3	2
3819	AGAP008195-PA	297	32.7	hypothetical protein|protein_coding|3R:6569554-6570598:-1|gene:AGAP008195	13.47	4	2
3820	AGAP008233-PA	469	51.9	hypothetical protein|protein_coding|3R:7543169-7544732:1|gene:AGAP008233	5.76	3	2
3821	AGAP008246-PA	511	56.9	hypothetical protein|protein_coding|3R:7791589-7793838:-1|gene:AGAP008246	6.26	2	2
3822	AGAP008253-PA	94	10.0	hypothetical protein|protein_coding|3R:7908909-7909193:-1|gene:AGAP008253	30.85	5	2
3823	AGAP008263-PA	912	101.6	hypothetical protein|protein_coding|3R:8078036-8080938:-1|gene:AGAP008263	3.18	3	2
3824	AGAP008287-PB	211	23.6	hypothetical protein|protein_coding|3R:8578752-8580618:1|gene:AGAP008287	15.17	4	2

3825	AGAP008303-PA	228	25.5	hypothetical protein|protein_coding|3R:8749352-8752026:-1|gene:AGAP008303	20.61	3	2
3826	AGAP008337-PA	384	42.4	hypothetical protein|protein_coding|3R:9411619-9412961:1|gene:AGAP008337	7.81	2	2
3827	AGAP008349-PA	437	48.6	hypothetical protein|protein_coding|3R:9721409-9722839:1|gene:AGAP008349	5.26	4	2
3828	AGAP008374-PA	188	21.1	hypothetical protein|protein_coding|3R:10111713-10112345:1|gene:AGAP008374	19.15	3	2
3829	AGAP008376-PA	289	33.2	hypothetical protein|protein_coding|3R:10114405-10115357:1|gene:AGAP008376	8.3	2	2
3830	AGAP008379-PA	1448	159.6	hypothetical protein|protein_coding|3R:10123759-10137186:-1|gene:AGAP008379	3.18	3	2
3831	AGAP008400-PA	2322	262.5	hypothetical protein|protein_coding|3R:10331207-10338704:-1|gene:AGAP008400	0.52	4	2
3832	AGAP008438-PA	451	44.7	hypothetical protein|protein_coding|3R:10799243-10800598:1|gene:AGAP008438	6.21	14	2
3833	AGAP008472-PA	678	75.1	hypothetical protein|protein_coding|3R:10986711-10988827:1|gene:AGAP008472	4.42	4	2
3834	AGAP008498-PA	395	45.9	hypothetical protein|protein_coding|3R:11337233-11338420:-1|gene:AGAP008498	6.08	5	2
3835	AGAP008527-PA	234	25.6	hypothetical protein|protein_coding|3R:11855471-11870645:1|gene:AGAP008527	8.97	9	2
3836	AGAP008615-PA	209	24.0	hypothetical protein|protein_coding|3R:13712312-13712941:-1|gene:AGAP008615	9.57	2	2
3837	AGAP008664-PA	358	40.0	hypothetical protein|protein_coding|3R:14581521-14582747:1|gene:AGAP008664	8.38	3	2
3838	AGAP008731-PA	673	76.0	hypothetical protein|protein_coding|3R:16180189-16183253:-1|gene:AGAP008731	5.65	3	2
3839	AGAP008768-PA	328	37.9	hypothetical protein|protein_coding|3R:17363962-17365185:1|gene:AGAP008768	8.54	7	2
3840	AGAP008798-PA	128	14.5	hypothetical protein|protein_coding|3R:17959192-17959647:-1|gene:AGAP008798	28.91	2	2
3841	AGAP008803-PA	107	12.4	hypothetical protein|protein_coding|3R:18058550-18058945:-1|gene:AGAP008803	23.36	5	2
3842	AGAP008810-PA	573	63.9	hypothetical protein|protein_coding|3R:18127898-18129827:1|gene:AGAP008810	5.06	2	2

3843	AGAP008812-PA	961	103.9	hypothetical protein|protein_coding|3R:18154362-18180611:1|gene:AGAP008812	3.12	2	2
3844	AGAP008827-PA	524	58.1	hypothetical protein|protein_coding|3R:19091628-19094152:1|gene:AGAP008827	7.06	2	2
3845	AGAP008834-PB	79	8.6	adipokinetic hormone 1|protein_coding|3R:19279830-19280283:1|gene:AGAP008834	39.24	10	2
3846	AGAP008850-PA	86	10.2	hypothetical protein|protein_coding|3R:19418951-19419211:-1|gene:AGAP008850	29.07	6	2
3847	AGAP008899-PA	934	103.4	hypothetical protein|protein_coding|3R:20555462-20566347:1|gene:AGAP008899	1.5	3	2
3848	AGAP008970-PA	1850	183.9	hypothetical protein|protein_coding|3R:22357784-22363687:-1|gene:AGAP008970	1.41	12	2
3849	AGAP008977-PA	631	69.3	hypothetical protein|protein_coding|3R:22439625-22451693:1|gene:AGAP008977	4.12	5	2
3850	AGAP008987-PA	418	47.8	hypothetical protein|protein_coding|3R:22703662-22710616:1|gene:AGAP008987	7.18	8	2
3851	AGAP008991-PA	314	35.9	hypothetical protein|protein_coding|3R:22794216-22795229:1|gene:AGAP008991	13.38	3	2
3852	AGAP008996-PA	249	28.3	hypothetical protein|protein_coding|3R:22873358-22874408:-1|gene:AGAP008996	7.63	2	2
3853	AGAP009005-PA	472	52.3	hypothetical protein|protein_coding|3R:23189223-23221879:1|gene:AGAP009005	6.78	9	2
3854	AGAP009012-PA	389	42.4	hypothetical protein|protein_coding|3R:23537859-23539102:-1|gene:AGAP009012	14.91	3	2
3855	AGAP009019-PA	225	24.6	hypothetical protein|protein_coding|3R:23735860-23736607:-1|gene:AGAP009019	24.89	3	2
3856	AGAP009051-PA	160	17.0	hypothetical protein|protein_coding|3R:24801537-24804303:1|gene:AGAP009051	11.25	2	2
3857	AGAP009133-PA	488	55.4	hypothetical protein|protein_coding|3R:26471847-26473536:1|gene:AGAP009133	5.12	3	2
3858	AGAP009134-PA	122	14.1	hypothetical protein|protein_coding|3R:26473909-26474427:-1|gene:AGAP009134	27.05	5	2
3859	AGAP009151-PA	512	56.4	hypothetical protein|protein_coding|3R:27685884-27687922:-1|gene:AGAP009151	2.54	2	2
3860	AGAP009156-PA	319	36.1	hypothetical protein|protein_coding|3R:27701221-27707842:1|gene:AGAP009156	8.78	5	2

3861	AGAP009160-PA	889	97.0	hypothetical protein|protein_coding|3R:27782815-27796566:-1|gene:AGAP009160	3.37	5	2
3862	AGAP009163-PA	129	14.5	hypothetical protein|protein_coding|3R:27944619-27945008:-1|gene:AGAP009163	19.38	3	2
3863	AGAP009177-PA	303	34.2	hypothetical protein|protein_coding|3R:28152940-28153851:-1|gene:AGAP009177	10.23	2	2
3864	AGAP009196-PA	225	25.4	glutathione S-transferase, epsilon class|protein_coding|3R:28600501-28601320:1|gene:AGAP009196	8.44	3	2
3865	AGAP009221-PA	482	53.6	Serine Protease Inhibitor (serpin), likely cleavage at S/L.|protein_coding|3R:28858255-28859778:1|gene:AGAP009221	4.77	3	2
3866	AGAP009236-PA	722	82.3	hypothetical protein|protein_coding|3R:29084666-29086834:-1|gene:AGAP009236	2.49	2	2
3867	AGAP009268-PA	907	98.4	hypothetical protein|protein_coding|3R:30301277-30305523:-1|gene:AGAP009268	3.97	3	2
3868	AGAP009381-PA	293	34.2	hypothetical protein|protein_coding|3R:31870518-31871915:-1|gene:AGAP009381	7.51	3	2
3869	AGAP009404-PA	451	51.7	hypothetical protein|protein_coding|3R:32311163-32315304:1|gene:AGAP009404	6.43	5	2
3870	AGAP009436-PA	326	38.0	hypothetical protein|protein_coding|3R:33485781-33486853:1|gene:AGAP009436	7.36	3	2
3871	AGAP009459-PA	298	34.5	hypothetical protein|protein_coding|3R:33814658-33815633:1|gene:AGAP009459	7.05	4	2
3872	AGAP009463-PA	657	74.6	hypothetical protein|protein_coding|3R:33944195-33950507:1|gene:AGAP009463	4.41	2	2
3873	AGAP009489-PA	156	16.8	hypothetical protein|protein_coding|3R:34708522-34709172:-1|gene:AGAP009489	19.23	4	2
3874	AGAP009522-PA	1415	154.5	hypothetical protein|protein_coding|3R:35289962-35356792:-1|gene:AGAP009522	2.26	4	2
3875	AGAP009548-PA	617	68.3	hypothetical protein|protein_coding|3R:35946697-35950446:1|gene:AGAP009548	2.92	4	2
3876	AGAP009550-PA	415	47.3	hypothetical protein|protein_coding|3R:36028604-36029909:-1|gene:AGAP009550	5.06	5	2
3877	AGAP009581-PA	997	99.0	hypothetical protein|protein_coding|3R:36554041-36561634:1|gene:AGAP009581	3.11	4	2
3878	AGAP009603-PA	341	37.0	hypothetical protein|protein_coding|3R:36968341-36970105:1|gene:AGAP009603	7.04	2	2

3879	AGAP009614-PA	233	25.9	hypothetical protein|protein_coding|3R:37008630-37009402:-1|gene:AGAP009614	11.16	6	2
3880	AGAP009625-PA	395	43.7	hypothetical protein|protein_coding|3R:37165113-37166737:1|gene:AGAP009625	5.57	5	2
3881	AGAP009644-PA	105	11.8	hypothetical protein|protein_coding|3R:37509151-37509605:1|gene:AGAP009644	29.52	4	2
3882	AGAP009659-PA	915	102.8	hypothetical protein|protein_coding|3R:37669167-37675280:-1|gene:AGAP009659	3.39	6	2
3883	AGAP009665-PA	205	23.6	hypothetical protein|protein_coding|3R:37901342-37902273:-1|gene:AGAP009665	10.24	5	2
3884	AGAP009668-PA	320	34.4	hypothetical protein|protein_coding|3R:38042321-38046321:-1|gene:AGAP009668	5.94	4	2
3885	AGAP009680-PA	200	23.4	hypothetical protein|protein_coding|3R:38394804-38396210:1|gene:AGAP009680	11.5	2	2
3886	AGAP009695-PA	291	33.2	hypothetical protein|protein_coding|3R:38968585-38969605:1|gene:AGAP009695	6.19	2	2
3887	AGAP009724-PA	518	59.1	hypothetical protein|protein_coding|3R:41532588-41534310:-1|gene:AGAP009724	4.05	3	2
3888	AGAP009737-PA	744	83.3	Elongation factor G, mitochondrial Precursor (EF-Gmt)(Elongation factor G 1, mitochondrial)(mEF-G 1)(Elongation factor G1)|protein_coding|3R:42052469-42054811:-1|gene:AGAP009737	5.11	2	2
3889	AGAP009742-PA	174	20.5	hypothetical protein|protein_coding|3R:42066641-42067572:-1|gene:AGAP009742	10.92	3	2
3890	AGAP009743-PA	797	89.8	hypothetical protein|protein_coding|3R:42068389-42071134:1|gene:AGAP009743	3.26	2	2
3891	AGAP009762-PA	1300	141.5	hypothetical protein|protein_coding|3R:42459272-42469856:1|gene:AGAP009762	3.62	11	2
3892	AGAP009778-PA	515	58.7	hypothetical protein|protein_coding|3R:43212627-43214171:1|gene:AGAP009778	2.91	3	2
3893	AGAP009780-PA	4127	458.5	hypothetical protein|protein_coding|3R:43237506-43252447:-1|gene:AGAP009780	0.34	2	2
3894	AGAP009790-PA	334	37.6	hypothetical protein|protein_coding|3R:43300711-43321197:-1|gene:AGAP009790	8.68	6	2
3895	AGAP009791-PA	689	78.8	hypothetical protein|protein_coding|3R:43314472-43317839:1|gene:AGAP009791	2.61	3	2
3896	AGAP009868-PA	166	19.0	cuticular protein 73, RR-1 family|protein_coding|3R:44595893-44596728:-1|gene:AGAP009868	18.67	25	2

3897	AGAP009869-PA	122	13.0	cuticular protein 74, RR-1 family|protein_coding|3R:44599543-44600117:-1|gene:AGAP009869	45.9	3	2
3898	AGAP009879-PA	131	14.2	cuticular protein 81, RR-1 family|protein_coding|3R:44722439-44724380:1|gene:AGAP009879	44.27	2	2
3899	AGAP009908-PA	177	20.9	hypothetical protein|protein_coding|3R:45189944-45190631:1|gene:AGAP009908	9.6	5	2
3900	AGAP009922-PA	338	37.8	hypothetical protein|protein_coding|3R:45326024-45327172:-1|gene:AGAP009922	5.33	12	2
3901	AGAP009926-PA	361	41.7	hypothetical protein|protein_coding|3R:45396460-45397698:1|gene:AGAP009926	6.09	2	2
3902	AGAP009932-PA	674	75.4	hypothetical protein|protein_coding|3R:45442323-45479458:-1|gene:AGAP009932	4.01	3	2
3903	AGAP009938-PA	231	24.4	hypothetical protein|protein_coding|3R:45704015-45709823:1|gene:AGAP009938	19.05	7	2
3904	AGAP009942-PA	452	49.2	hypothetical protein|protein_coding|3R:45763104-45764612:-1|gene:AGAP009942	6.86	4	2
3905	AGAP009972-PA	1704	186.2	hypothetical protein|protein_coding|3R:46929764-46936269:-1|gene:AGAP009972	1.17	3	2
3906	AGAP009973-PA	570	62.4	hypothetical protein|protein_coding|3R:46975370-46977597:1|gene:AGAP009973	8.07	4	2
3907	AGAP009982-PA	345	39.0	hypothetical protein|protein_coding|3R:47101053-47102194:1|gene:AGAP009982	10.14	4	2
3908	AGAP009997-PA	274	32.0	hypothetical protein|protein_coding|3R:47430060-47430884:1|gene:AGAP009997	6.93	2	2
3909	AGAP010016-PA	210	24.4	hypothetical protein|protein_coding|3R:47718643-47719449:-1|gene:AGAP010016	13.33	2	2
3910	AGAP010044-PA	856	90.3	hypothetical protein|protein_coding|3R:48161265-48196357:-1|gene:AGAP010044	5.84	4	2
3911	AGAP010067-PA	396	44.4	hypothetical protein|protein_coding|3R:48569280-48571400:-1|gene:AGAP010067	7.58	3	2
3912	AGAP010073-PA	372	42.2	hypothetical protein|protein_coding|3R:48618466-48619873:-1|gene:AGAP010073	11.02	3	2
3913	AGAP010138-PA	171	18.8	hypothetical protein|protein_coding|3R:49329226-49345246:1|gene:AGAP010138	12.87	7	2
3914	AGAP010145-PA	478	53.9	hypothetical protein|protein_coding|3R:49426408-49429980:-1|gene:AGAP010145	4.81	2	2

3915	AGAP010150-PA	434	50.4	hypothetical protein|protein_coding|3R:49504263-49505708:-1|gene:AGAP010150	5.53	2	2
3916	AGAP010152-PA	950	107.8	hypothetical protein|protein_coding|3R:49511931-49515371:-1|gene:AGAP010152	3.58	2	2
3917	AGAP010177-PA	120	13.2	hypothetical protein|protein_coding|3R:49945722-49946168:1|gene:AGAP010177	14.17	3	2
3918	AGAP010184-PA	771	85.4	hypothetical protein|protein_coding|3R:49987232-49989642:-1|gene:AGAP010184	2.98	2	2
3919	AGAP010200-PA	320	35.4	hypothetical protein|protein_coding|3R:50578084-50604917:-1|gene:AGAP010200	7.81	2	2
3920	AGAP010236-PA	175	19.8	hypothetical protein|protein_coding|3R:51361724-51362430:1|gene:AGAP010236	17.14	6	2
3921	AGAP010266-PA	2707	300.6	hypothetical protein|protein_coding|3R:51851517-51878128:1|gene:AGAP010266	0.85	4	2
3922	AGAP010282-PA	904	102.9	hypothetical protein|protein_coding|3R:52033959-52038486:1|gene:AGAP010282	2.43	4	2
3923	AGAP010307-PA	267	30.0	hypothetical protein|protein_coding|3R:53072347-53087444:-1|gene:AGAP010307	11.61	4	2
3924	AGAP010343-PA	790	89.7	CTL-like protein 2|protein_coding|3L:1884328-1888407:1|gene:AGAP010343	2.66	12	2
3925	AGAP010366-PA	133	15.5	hypothetical protein|protein_coding|3L:2255699-2257006:-1|gene:AGAP010366	26.32	4	2
3926	AGAP010380-PA	725	77.7	hypothetical protein|protein_coding|3L:2388759-2391013:-1|gene:AGAP010380	3.59	2	2
3927	AGAP010386-PA	374	42.7	hypothetical protein|protein_coding|3L:2436835-2438434:-1|gene:AGAP010386	6.95	9	2
3928	AGAP010413-PA	1271	137.3	hypothetical protein|protein_coding|3L:2922150-2950423:1|gene:AGAP010413	2.52	4	2
3929	AGAP010417-PA	605	69.2	hypothetical protein|protein_coding|3L:2989771-2998801:-1|gene:AGAP010417	3.8	3	2
3930	AGAP010432-PA	574	64.1	hypothetical protein|protein_coding|3L:3302477-3316195:1|gene:AGAP010432	6.97	2	2
3931	AGAP010471-PA	157	17.1	hypothetical protein|protein_coding|3L:4056499-4058557:-1|gene:AGAP010471	20.38	15	2
3932	AGAP010477-PA	232	26.3	hypothetical protein|protein_coding|3L:4179354-4180156:-1|gene:AGAP010477	11.21	4	2
3933	AGAP010494-PA	314	34.9	hypothetical protein|protein_coding|3L:5038382-5040456:-1|gene:AGAP010494	13.06	3	2

3934	AGAP010537-PA	286	32.1	hypothetical protein|protein_coding|3L:5821653-5822577:1|gene:AGAP010537	12.59	2	2
3935	AGAP010545-PA	876	98.4	hypothetical protein|protein_coding|3L:6057814-6060991:1|gene:AGAP010545	4.34	2	2
3936	AGAP010560-PA	175	18.7	hypothetical protein|protein_coding|3L:6389695-6390310:1|gene:AGAP010560	11.43	23	2
3937	AGAP010589-PA	70	7.9	hypothetical protein|protein_coding|3L:6555874-6556086:1|gene:AGAP010589	44.29	18	2
3938	AGAP010590-PA	189	22.0	hypothetical protein|protein_coding|3L:6557791-6558535:-1|gene:AGAP010590	11.64	5	2
3939	AGAP010645-PA	184	20.9	hypothetical protein|protein_coding|3L:7939244-7940388:1|gene:AGAP010645	11.41	2	2
3940	AGAP010670-PA	569	64.6	hypothetical protein|protein_coding|3L:8197827-8201360:-1|gene:AGAP010670	4.04	2	2
3941	AGAP010687-PA	1230	138.6	hypothetical protein|protein_coding|3L:8393435-8399019:1|gene:AGAP010687	2.2	3	2
3942	AGAP010690-PA	382	42.7	hypothetical protein|protein_coding|3L:8606693-8607982:-1|gene:AGAP010690	7.33	8	2
3943	AGAP010716-PA	90	9.7	hypothetical protein|protein_coding|3L:8936431-8936703:1|gene:AGAP010716	26.67	2	2
3944	AGAP010738-PA	633	70.4	hypothetical protein|protein_coding|3L:9134117-9136220:1|gene:AGAP010738	4.9	2	2
3945	AGAP010786-PA	365	42.7	hypothetical protein|protein_coding|3L:10348474-10349793:-1|gene:AGAP010786	7.12	2	2
3946	AGAP010791-PA	737	80.7	hypothetical protein|protein_coding|3L:10409006-10411286:-1|gene:AGAP010791	4.48	4	2
3947	AGAP010819-PA	1311	149.2	Thioester-containing protein.|protein_coding|3L:11291103-11295788:1|gene:AGAP010819	1.37	5	2
3948	AGAP010825-PA	414	44.3	hypothetical protein|protein_coding|3L:11496992-11498410:1|gene:AGAP010825	6.52	10	2
3949	AGAP010844-PA	275	31.4	hypothetical protein|protein_coding|3L:11895934-11896758:-1|gene:AGAP010844	8.36	10	2
3950	AGAP010849-PA	110	11.8	hypothetical protein|protein_coding|3L:11994371-11997205:1|gene:AGAP010849	19.09	3	2
3951	AGAP010874-PA	636	69.9	hypothetical protein|protein_coding|3L:12342235-12350292:1|gene:AGAP010874	5.35	3	2

3952	AGAP010913-PA	192	20.8	hypothetical protein|protein_coding|3L:12916399-12921026:-1|gene:AGAP010913	9.9	3	2
3953	AGAP010983-PA	169	19.3	hypothetical protein|protein_coding|3L:14479256-14480913:1|gene:AGAP010983	23.67	2	2
3954	AGAP011056-PA	279	32.5	hypothetical protein|protein_coding|3L:15798903-15799812:1|gene:AGAP011056	6.45	4	2
3955	AGAP011068-PA	323	36.4	hypothetical protein|protein_coding|3L:16223684-16224780:1|gene:AGAP011068	6.5	9	2
3956	AGAP011104-PA	340	36.7	hypothetical protein|protein_coding|3L:16990272-16991568:1|gene:AGAP011104	7.94	3	2
3957	AGAP011106-PA	199	23.6	hypothetical protein|protein_coding|3L:16999830-17000633:1|gene:AGAP011106	19.1	6	2
3958	AGAP011119-PA	167	18.0	hypothetical protein|protein_coding|3L:17321651-17326556:1|gene:AGAP011119	12.57	15	2
3959	AGAP011128-PA	269	29.6	hypothetical protein|protein_coding|3L:17557346-17571851:-1|gene:AGAP011128	9.29	2	2
3960	AGAP011145-PA	548	62.2	hypothetical protein|protein_coding|3L:17971526-17973691:1|gene:AGAP011145	5.29	2	2
3961	AGAP011147-PA	551	62.6	hypothetical protein|protein_coding|3L:17978069-17980245:1|gene:AGAP011147	5.26	2	2
3962	AGAP011162-PA	1899	205.9	hypothetical protein|protein_coding|3L:18121895-18129530:1|gene:AGAP011162	1.21	3	2
3963	AGAP011165-PA	193	22.6	hypothetical protein|protein_coding|3L:18189231-18189990:-1|gene:AGAP011165	14.51	5	2
3964	AGAP011168-PA	223	25.3	hypothetical protein|protein_coding|3L:18206169-18207139:-1|gene:AGAP011168	9.87	5	2
3965	AGAP011170-PA	805	92.4	hypothetical protein|protein_coding|3L:18220347-18222809:-1|gene:AGAP011170	3.23	3	2
3966	AGAP011202-PA	446	48.3	hypothetical protein|protein_coding|3L:19300287-19301773:-1|gene:AGAP011202	5.83	6	2
3967	AGAP011211-PA	296	33.2	hypothetical protein|protein_coding|3L:19418275-19419298:-1|gene:AGAP011211	12.84	3	2
3968	AGAP011238-PA	497	56.9	hypothetical protein|protein_coding|3L:19909737-19911302:1|gene:AGAP011238	4.83	5	2
3969	AGAP011245-PA	188	20.6	hypothetical protein|protein_coding|3L:19982632-19983363:1|gene:AGAP011245	13.83	4	2

3970	AGAP011252-PA	436	50.2	hypothetical protein|protein_coding|3L:20080466-20081978:-1|gene:AGAP011252	5.28	4	2
3971	AGAP011275-PA	829	91.7	hypothetical protein|protein_coding|3L:20470365-20474417:1|gene:AGAP011275	1.45	2	2
3972	AGAP011296-PA	382	41.5	hypothetical protein|protein_coding|3L:20675688-20677080:1|gene:AGAP011296	11.52	3	2
3973	AGAP011338-PA	399	45.0	hypothetical protein|protein_coding|3L:21379319-21380592:1|gene:AGAP011338	7.77	2	2
3974	AGAP011346-PA	228	25.6	hypothetical protein|protein_coding|3L:21520069-21520981:-1|gene:AGAP011346	14.47	13	2
3975	AGAP011357-PA	292	32.6	hypothetical protein|protein_coding|3L:21831889-21835603:-1|gene:AGAP011357	10.27	2	2
3976	AGAP011367-PA	235	27.1	odorant binding protein|protein_coding|3L:22025864-22026710:-1|gene:AGAP011367	15.74	4	2
3977	AGAP011394-PA	498	57.1	hypothetical protein|protein_coding|3L:23473702-23476788:1|gene:AGAP011394	7.03	4	2
3978	AGAP011422-PA	247	28.0	hypothetical protein|protein_coding|3L:24427151-24430236:-1|gene:AGAP011422	12.55	4	2
3979	AGAP011458-PA	437	50.3	hypothetical protein|protein_coding|3L:24936771-24938084:1|gene:AGAP011458	7.09	4	2
3980	AGAP011463-PA	417	46.6	hypothetical protein|protein_coding|3L:24962669-24968706:1|gene:AGAP011463	8.39	3	2
3981	AGAP011492-PA	559	61.1	hypothetical protein|protein_coding|3L:25424161-25426147:-1|gene:AGAP011492	7.33	10	2
3982	AGAP011546-PA	202	21.4	hypothetical protein|protein_coding|3L:27088090-27093781:-1|gene:AGAP011546	12.38	3	2
3983	AGAP011557-PA	431	47.9	hypothetical protein|protein_coding|3L:27680835-27682130:-1|gene:AGAP011557	7.89	12	2
3984	AGAP011568-PA	688	74.3	hypothetical protein|protein_coding|3L:27910931-27913842:1|gene:AGAP011568	6.98	4	2
3985	AGAP011571-PA	115	12.6	hypothetical protein|protein_coding|3L:27960415-27963900:-1|gene:AGAP011571	26.96	3	2
3986	AGAP011578-PA	243	28.0	hypothetical protein|protein_coding|3L:28253898-28258314:1|gene:AGAP011578	11.93	3	2
3987	AGAP011583-PA	481	52.3	hypothetical protein|protein_coding|3L:28389678-28397188:1|gene:AGAP011583	9.15	2	2

3988	AGAP011609-PA	578	65.2	hypothetical protein|protein_coding|3L:29583844-29606674:1|gene:AGAP011609	5.36	4	2
3989	AGAP011614-PA	292	31.4	hypothetical protein|protein_coding|3L:29868915-29869793:-1|gene:AGAP011614	7.88	5	2
3990	AGAP011623-PA	1036	119.4	hypothetical protein|protein_coding|3L:30144570-30147899:-1|gene:AGAP011623	0.68	4	2
3991	AGAP011632-PA	78	8.7	hypothetical protein|protein_coding|3L:30454844-30455080:-1|gene:AGAP011632	35.9	5	2
3992	AGAP011635-PA	170	19.6	hypothetical protein|protein_coding|3L:30458508-30459020:-1|gene:AGAP011635	12.35	6	2
3993	AGAP011708-PA	259	28.3	hypothetical protein|protein_coding|3L:31727159-31728247:-1|gene:AGAP011708	13.9	3	2
3994	AGAP011716-PA	150	16.0	hypothetical protein|protein_coding|3L:32107617-32108937:-1|gene:AGAP011716	20.67	2	2
3995	AGAP011744-PA	296	33.2	hypothetical protein|protein_coding|3L:32830810-32831761:-1|gene:AGAP011744	10.14	2	2
3996	AGAP011746-PA	1049	112.8	hypothetical protein|protein_coding|3L:32865203-32871725:1|gene:AGAP011746	3.34	3	2
3997	AGAP011747-PA	269	30.2	hypothetical protein|protein_coding|3L:32873108-32874049:-1|gene:AGAP011747	13.38	4	2
3998	AGAP011771-PA	585	64.8	hypothetical protein|protein_coding|3L:33114048-33115954:1|gene:AGAP011771	4.1	4	2
3999	AGAP011776-PA	1082	118.4	hypothetical protein|protein_coding|3L:33162115-33165879:1|gene:AGAP011776	1.66	3	2
4000	AGAP011781-PA	379	40.9	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:33247587-33248986:-1|gene:AGAP011781	6.33	2	2
4001	AGAP011783-PA	395	43.1	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:33254563-33255824:-1|gene:AGAP011783	1.77	16	2
4002	AGAP011801-PA	557	63.1	Coiled-coil domain-containing protein 22 homolog|protein_coding|3L:33335818-33337768:1|gene:AGAP011801	5.21	4	2
4003	AGAP011802-PA	51	6.4	hypothetical protein|protein_coding|3L:33338199-33338577:-1|gene:AGAP011802	43.14	5	2
4004	AGAP011804-PA	597	65.2	hypothetical protein|protein_coding|3L:33341632-33343479:1|gene:AGAP011804	7.37	3	2
4005	AGAP011886-PA	211	23.6	hypothetical protein|protein_coding|3L:34630102-34630737:-1|gene:AGAP011886	11.37	2	2

4006	AGAP011897-PA	2015	225.4	hypothetical protein|protein_coding|3L:34676783-34684143:-1|gene:AGAP011897	1.69	21	2
4007	AGAP011973-PA	295	32.9	hypothetical protein|protein_coding|3L:35713485-35714447:1|gene:AGAP011973	9.15	4	2
4008	AGAP011997-PA	325	34.6	Cytosolic Fe-S cluster assembly factor NUBP1 homolog|protein_coding|3L:36031228-36032205:-1|gene:AGAP011997	9.23	3	2
4009	AGAP012004-PA	614	69.0	hypothetical protein|protein_coding|3L:36085656-36087825:1|gene:AGAP012004	4.07	2	2
4010	AGAP012005-PA	735	81.0	hypothetical protein|protein_coding|3L:36088297-36090773:-1|gene:AGAP012005	4.76	2	2
4011	AGAP012042-PA	197	22.7	hypothetical protein|protein_coding|3L:36834444-36835037:-1|gene:AGAP012042	19.8	3	2
4012	AGAP012044-PA	392	46.3	hypothetical protein|protein_coding|3L:36837649-36838903:1|gene:AGAP012044	5.61	6	2
4013	AGAP012083-PA	184	20.9	hypothetical protein|protein_coding|3L:37475476-37476255:-1|gene:AGAP012083	17.39	3	2
4014	AGAP012111-PA	242	28.1	hypothetical protein|protein_coding|3L:37761922-37762887:-1|gene:AGAP012111	13.64	4	2
4015	AGAP012148-PC	116	13.4	hypothetical protein|protein_coding|3L:38070799-38071438:-1|gene:AGAP012148	22.41	3	2
4016	AGAP012194-PA	259	29.8	hypothetical protein|protein_coding|3L:38574286-38576409:-1|gene:AGAP012194	12.36	3	2
4017	AGAP012273-PA	1342	133.7	hypothetical protein|protein_coding|3L:39661980-39667911:-1|gene:AGAP012273	2.53	3	2
4018	AGAP012289-PA	1672	191.1	hypothetical protein|protein_coding|3L:39800112-39805562:1|gene:AGAP012289	1.2	2	2
4019	AGAP012307-PA	860	96.5	hypothetical protein|protein_coding|3L:40029016-40034521:1|gene:AGAP012307	2.91	2	2
4020	AGAP012339-PA	153	17.0	hypothetical protein|protein_coding|3L:40751192-40752274:-1|gene:AGAP012339	16.34	7	2
4021	AGAP012372-PA	4718	526.5	hypothetical protein|protein_coding|3L:41151046-41166134:-1|gene:AGAP012372	1	3	2
4022	AGAP012398-PA	278	31.1	hypothetical protein|protein_coding|3L:41721953-41723162:1|gene:AGAP012398	11.51	9	2
4023	AGAP012443-PA	188	21.2	hypothetical protein|protein_coding|UNKN:1191519-1197353:1|gene:AGAP012443	13.3	3	2

4024	AGAP012447-PA	932	105.4	hypothetical protein|protein_coding|UNKN:1553917-1557262:1|gene:AGAP012447	1.18	5	2
4025	AGAP012521-PA	661	76.2	hypothetical protein|protein_coding|UNKN:10871508-10873587:-1|gene:AGAP012521	3.48	2	2
4026	AGAP012590-PA	286	32.4	hypothetical protein|protein_coding|UNKN:18229442-18230624:1|gene:AGAP012590	13.29	4	2
4027	AGAP012606-PA	291	33.1	hypothetical protein|protein_coding|UNKN:19369809-19371967:-1|gene:AGAP012606	12.71	8	2
4028	AGAP012647-PA	288	33.9	hypothetical protein|protein_coding|UNKN:22331035-22332165:1|gene:AGAP012647	8.33	6	2
4029	AGAP012661-PA	119	12.8	hypothetical protein|protein_coding|UNKN:22744318-22744756:-1|gene:AGAP012661	21.85	3	2
4030	AGAP012666-PA	196	22.5	hypothetical protein|protein_coding|UNKN:22871414-22872167:1|gene:AGAP012666	19.9	3	2
4031	AGAP012693-PA	276	30.5	hypothetical protein|protein_coding|UNKN:23853377-23854431:1|gene:AGAP012693	11.23	4	2
4032	AGAP012728-PA	207	23.3	hypothetical protein|protein_coding|UNKN:25702977-25704500:-1|gene:AGAP012728	15.46	4	2
4033	AGAP012750-PA	73	7.5	hypothetical protein|protein_coding|UNKN:27000702-27001018:-1|gene:AGAP012750	50.68	7	2
4034	AGAP012756-PA	212	24.4	hypothetical protein|protein_coding|UNKN:27341462-27342100:1|gene:AGAP012756	13.68	11	2
4035	AGAP012795-PA	86	9.0	hypothetical protein|protein_coding|UNKN:29527873-29528133:-1|gene:AGAP012795	22.09	11	2
4036	AGAP012809-PA	362	41.4	hypothetical protein|protein_coding|UNKN:30770941-30772030:-1|gene:AGAP012809	9.67	2	2
4037	AGAP012960-PA	652	68.6	hypothetical protein|protein_coding|2R:17433989-17435947:1|gene:AGAP012960	6.6	3	2
4038	AGAP012973-PA	577	65.0	hypothetical protein|protein_coding|X:2063878-2065611:1|gene:AGAP012973	5.03	4	2
4039	AGAP013005-PA	349	33.9	hypothetical protein|protein_coding|2R:5723884-5724933:-1|gene:AGAP013005	18.05	18	2
4040	AGAP013029-PA	625	68.7	hypothetical protein|protein_coding|2R:31316494-31321779:-1|gene:AGAP013029	5.44	5	2
4041	AGAP013043-PA	113	11.8	hypothetical protein|protein_coding|X:13592077-13593585:1|gene:AGAP013043	23.89	10	2

4042	AGAP013048-PA	93	10.2	hypothetical protein|protein_coding|2R:1637107-1637388:1|gene:AGAP013048	24.73	4	2
4043	AGAP013061-PA	249	27.8	hypothetical protein|protein_coding|2R:13124846-13125909:-1|gene:AGAP013061	7.63	4	2
4044	AGAP013104-PA	187	20.5	hypothetical protein|protein_coding|X:17307059-17307639:1|gene:AGAP013104	14.97	8	2
4045	AGAP013106-PA	152	15.6	hypothetical protein|protein_coding|2R:12806068-12806643:-1|gene:AGAP013106	15.79	4	2
4046	AGAP013128-PA	501	57.0	hypothetical protein|protein_coding|2R:28483301-28484868:-1|gene:AGAP013128	4.39	2	2
4047	AGAP013164-PA	260	28.2	hypothetical protein|protein_coding|2R:57634530-57635480:-1|gene:AGAP013164	15.77	10	2
4048	AGAP013201-PA	408	47.2	hypothetical protein|protein_coding|2R:43087769-43089214:1|gene:AGAP013201	7.11	3	2
4049	AGAP013212-PA	134	14.5	hypothetical protein|protein_coding|2R:29096586-29097064:1|gene:AGAP013212	20.15	5	2
4050	AGAP013260-PA	414	47.2	hypothetical protein|protein_coding|2R:21573546-21574886:-1|gene:AGAP013260	8.21	6	2
4051	AGAP013286-PB	136	15.2	hypothetical protein|protein_coding|2R:30554181-30557160:1|gene:AGAP013286	27.94	4	2
4052	AGAP013310-PA	345	38.1	hypothetical protein|protein_coding|2R:8134090-8136843:-1|gene:AGAP013310	8.12	2	2
4053	AGAP013360-PA	206	23.3	hypothetical protein|protein_coding|X:11318851-11319471:1|gene:AGAP013360	17.48	2	2
4054	AGAP013380-PA	914	99.0	hypothetical protein|protein_coding|X:913208-917322:1|gene:AGAP013380	3.72	8	2
4055	AGAP013386-PA	2191	243.6	hypothetical protein|protein_coding|2R:1274224-1284558:-1|gene:AGAP013386	1.69	3	2
4056	AGAP013449-PA	282	32.0	hypothetical protein|protein_coding|X:12626285-12627237:-1|gene:AGAP013449	13.48	2	2
4057	AGAP013487-PA	308	34.2	hypothetical protein|protein_coding|2R:34467250-34468308:-1|gene:AGAP013487	5.19	3	2
4058	AGAP013519-PA	101	11.7	hypothetical protein|protein_coding|2R:5858820-5859273:-1|gene:AGAP013519	30.69	4	2
4059	AGAP013533-PA	247	27.3	hypothetical protein|protein_coding|2R:13138528-13145013:-1|gene:AGAP013533	7.69	3	2
4060	AGAP013542-PA	85	10.2	hypothetical protein|protein_coding|2R:56378368-56378625:-1|gene:AGAP013542	36.47	2	2

4061	AGAP013724-PA	144	16.7	hypothetical protein|protein_coding|3R:6960370-6960859:-1|gene:AGAP013724	13.19	33	2
4062	AGAP000011-PA	443	50.1	hypothetical protein|protein_coding|X:128098-133631:-1|gene:AGAP000011	4.51	2	1
4063	AGAP000012-PA	463	52.1	tyrosyl-tRNA synthetase|protein_coding|X:146275-147744:1|gene:AGAP000012	4.75	1	1
4064	AGAP000020-PA	2149	241.4	hypothetical protein|protein_coding|X:290994-299270:1|gene:AGAP000020	0.28	1	1
4065	AGAP000021-PA	148	16.4	hypothetical protein|protein_coding|X:314677-315287:1|gene:AGAP000021	9.46	2	1
4066	AGAP000025-PA	1372	150.3	hypothetical protein|protein_coding|X:331475-336151:-1|gene:AGAP000025	0.73	1	1
4067	AGAP000029-PA	4121	439.6	hypothetical protein|protein_coding|X:379162-393442:-1|gene:AGAP000029	0.19	3	1
4068	AGAP000037-PA	2062	229.0	hypothetical protein|protein_coding|X:461137-472416:1|gene:AGAP000037	0.53	2	1
4069	AGAP000042-PA	1865	198.1	hypothetical protein|protein_coding|X:528363-534266:-1|gene:AGAP000042	0.32	1	1
4070	AGAP000046-PA	555	59.1	hypothetical protein|protein_coding|X:740684-744542:-1|gene:AGAP000046	1.8	3	1
4071	AGAP000055-PA	676	74.2	hypothetical protein|protein_coding|X:894175-898770:1|gene:AGAP000055	3.25	2	1
4072	AGAP000065-PA	2275	249.9	hypothetical protein|protein_coding|X:1013491-1025167:1|gene:AGAP000065	0.44	3	1
4073	AGAP000068-PA	254	29.3	nuclear factor I|protein_coding|X:1048365-1058699:1|gene:AGAP000068	5.12	1	1
4074	AGAP000070-PA	918	100.5	hypothetical protein|protein_coding|X:1100127-1104999:-1|gene:AGAP000070	1.63	1	1
4075	AGAP000083-PA	222	24.9	hypothetical protein|protein_coding|X:1428544-1429315:1|gene:AGAP000083	4.5	1	1
4076	AGAP000088-PA	514	59.2	hypothetical protein|protein_coding|X:1457308-1458852:1|gene:AGAP000088	1.95	1	1
4077	AGAP000090-PA	1641	178.8	hypothetical protein|protein_coding|X:1521813-1527203:1|gene:AGAP000090	0.98	1	1
4078	AGAP000093-PA	323	33.9	hypothetical protein|protein_coding|X:1542045-1543016:-1|gene:AGAP000093	10.22	1	1
4079	AGAP000095-PB	939	108.1	hypothetical protein|protein_coding|X:1550367-1555891:-1|gene:AGAP000095	1.6	1	1
4080	AGAP000096-PA	74	8.6	hypothetical protein|protein_coding|X:1565828-1566134:1|gene:AGAP000096	12.16	2	1
4081	AGAP000105-PA	737	83.6	hypothetical protein|protein_coding|X:1749256-1751711:-1|gene:AGAP000105	0.95	1	1

4082	AGAP000116-PA	604	64.9	hypothetical protein|protein_coding|X:1919638-1924926:-1|gene:AGAP000116	1.99	1	1
4083	AGAP000119-PA	326	36.9	hypothetical protein|protein_coding|X:1941492-1942655:-1|gene:AGAP000119	2.45	2	1
4084	AGAP000120-PA	241	27.1	hypothetical protein|protein_coding|X:1944405-1945264:-1|gene:AGAP000120	5.81	1	1
4085	AGAP000124-PA	1416	156.4	hypothetical protein|protein_coding|X:2018689-2026485:-1|gene:AGAP000124	0.85	1	1
4086	AGAP000127-PA	309	34.2	hypothetical protein|protein_coding|X:2039273-2040570:1|gene:AGAP000127	3.88	1	1
4087	AGAP000131-PA	1080	127.5	hypothetical protein|protein_coding|X:2078637-2083487:1|gene:AGAP000131	1.48	1	1
4088	AGAP000137-PA	674	73.8	hypothetical protein|protein_coding|X:2108015-2110819:-1|gene:AGAP000137	1.93	2	1
4089	AGAP000139-PA	1161	129.0	hypothetical protein|protein_coding|X:2144313-2149187:1|gene:AGAP000139	0.69	1	1
4090	AGAP000146-PA	1097	115.8	hypothetical protein|protein_coding|X:2310789-2318278:1|gene:AGAP000146	1.46	2	1
4091	AGAP000151-PA	77	8.1	hypothetical protein|protein_coding|X:2455198-2455498:-1|gene:AGAP000151	20.78	6	1
4092	AGAP000152-PA	78	8.0	hypothetical protein|protein_coding|X:2456118-2456418:-1|gene:AGAP000152	20.51	1	1
4093	AGAP000156-PA	318	35.1	hypothetical protein|protein_coding|X:2734410-2735472:-1|gene:AGAP000156	1.57	2	1
4094	AGAP000159-PA	792	89.0	hypothetical protein|protein_coding|X:2783681-2816293:1|gene:AGAP000159	2.15	2	1
4095	AGAP000163-PA	152	17.3	glutathione transferase, microsomal|protein_coding|X:2844075-2846331:-1|gene:AGAP000163	5.26	1	1
4096	AGAP000175-PA	608	68.3	hypothetical protein|protein_coding|X:2944883-2950913:1|gene:AGAP000175	1.15	2	1
4097	AGAP000177-PA	100	11.1	cuticular protein 128, RR-1 family|protein_coding|X:2980255-2980844:1|gene:AGAP000177	9	1	1
4098	AGAP000181-PA	443	47.9	hypothetical protein|protein_coding|X:3004280-3005691:1|gene:AGAP000181	2.48	1	1
4099	AGAP000211-PA	542	61.4	hypothetical protein|protein_coding|X:3480557-3482502:1|gene:AGAP000211	1.48	1	1

4100	AGAP000233-PA	1000	111.3	hypothetical protein|protein_coding|X:4379330-4384049:-1|gene:AGAP000233	1.1	1	1
4101	AGAP000237-PA	313	31.6	hypothetical protein|protein_coding|X:4469805-4475405:-1|gene:AGAP000237	2.24	7	1
4102	AGAP000238-PA	515	56.7	hypothetical protein|protein_coding|X:4494383-4496105:-1|gene:AGAP000238	2.14	1	1
4103	AGAP000239-PA	502	55.4	hypothetical protein|protein_coding|X:4504112-4505751:-1|gene:AGAP000239	1.59	1	1
4104	AGAP000240-PA	433	46.4	hypothetical protein|protein_coding|X:4508053-4509430:1|gene:AGAP000240	5.54	1	1
4105	AGAP000242-PA	235	26.7	hypothetical protein|protein_coding|X:4522058-4522934:1|gene:AGAP000242	10.21	2	1
4106	AGAP000245-PA	215	23.1	hypothetical protein|protein_coding|X:4561819-4562630:-1|gene:AGAP000245	6.05	1	1
4107	AGAP000246-PA	431	48.2	hypothetical protein|protein_coding|X:4567668-4569131:1|gene:AGAP000246	1.62	2	1
4108	AGAP000261-PA	536	59.8	hypothetical protein|protein_coding|X:4919664-4921419:1|gene:AGAP000261	3.54	6	1
4109	AGAP000262-PA	929	98.5	hypothetical protein|protein_coding|X:4925268-4930616:1|gene:AGAP000262	0.65	1	1
4110	AGAP000269-PA	568	61.0	hypothetical protein|protein_coding|X:4978232-4981231:-1|gene:AGAP000269	3.52	2	1
4111	AGAP000272-PA	173	20.2	hypothetical protein|protein_coding|X:4994678-4995298:1|gene:AGAP000272	11.56	1	1
4112	AGAP000313-PA	493	53.9	hypothetical protein|protein_coding|X:5496173-5503551:-1|gene:AGAP000313	3.65	1	1
4113	AGAP000324-PA	346	39.3	hypothetical protein|protein_coding|X:5733436-5734476:1|gene:AGAP000324	5.78	3	1
4114	AGAP000332-PA	2090	226.3	hypothetical protein|protein_coding|X:5847055-5855368:-1|gene:AGAP000332	0.96	2	1
4115	AGAP000337-PA	1132	129.3	hypothetical protein|protein_coding|X:5877657-5881530:1|gene:AGAP000337	1.5	1	1
4116	AGAP000354-PB	165	17.6	hypothetical protein|protein_coding|X:6313659-6317688:1|gene:AGAP000354	9.7	1	1
4117	AGAP000358-PA	93	9.5	hypothetical protein|protein_coding|X:6354685-6355132:1|gene:AGAP000358	20.43	2	1

4118	AGAP000360-PA	1451	159.2	hypothetical protein|protein_coding|X:6486709-6500088:1|gene:AGAP000360	0.76	2	1
4119	AGAP000368-PA	3308	369.0	hypothetical protein|protein_coding|X:6777394-6802684:1|gene:AGAP000368	0.21	1	1
4120	AGAP000374-PA	2054	227.7	hypothetical protein|protein_coding|X:6848267-6860655:-1|gene:AGAP000374	0.54	1	1
4121	AGAP000385-PB	690	78.2	hypothetical protein|protein_coding|X:7080190-7082684:1|gene:AGAP000385	3.77	1	1
4122	AGAP000389-PA	2099	234.6	hypothetical protein|protein_coding|X:7124538-7145292:-1|gene:AGAP000389	0.43	1	1
4123	AGAP000391-PA	585	65.9	hypothetical protein|protein_coding|X:7185243-7188050:-1|gene:AGAP000391	2.05	1	1
4124	AGAP000400-PA	640	71.0	hypothetical protein|protein_coding|X:7273127-7275829:1|gene:AGAP000400	2.66	2	1
4125	AGAP000407-PA	649	74.6	hypothetical protein|protein_coding|X:7326460-7331183:-1|gene:AGAP000407	1.85	1	1
4126	AGAP000419-PA	1846	196.5	hypothetical protein|protein_coding|X:7464000-7469540:-1|gene:AGAP000419	0.33	3	1
4127	AGAP000429-PA	901	102.4	hypothetical protein|protein_coding|X:7638335-7644733:1|gene:AGAP000429	0.78	1	1
4128	AGAP000432-PA	140	14.9	hypothetical protein|protein_coding|X:7691091-7691513:1|gene:AGAP000432	8.57	1	1
4129	AGAP000438-PA	397	45.6	hypothetical protein|protein_coding|X:7764531-7765931:1|gene:AGAP000438	2.77	1	1
4130	AGAP000442-PA	186	21.1	hypothetical protein|protein_coding|X:7792761-7794122:-1|gene:AGAP000442	3.76	2	1
4131	AGAP000443-PA	2504	271.7	C-Type Lectin (CTL).|protein_coding|X:7797031-7815108:-1|gene:AGAP000443	0.28	1	1
4132	AGAP000444-PA	341	38.2	Probable cytosolic iron-sulfur protein assembly protein Ciao1|protein_coding|X:7822875-7823977:-1|gene:AGAP000444	5.28	1	1
4133	AGAP000452-PA	1168	126.1	hypothetical protein|protein_coding|X:7893480-7901213:1|gene:AGAP000452	1.63	1	1
4134	AGAP000466-PA	645	71.7	hypothetical protein|protein_coding|X:8049063-8054137:1|gene:AGAP000466	3.26	2	1
4135	AGAP000472-PA	995	107.8	hypothetical protein|protein_coding|X:8124550-8133009:-1|gene:AGAP000472	1.81	1	1

4136	AGAP000474-PA	682	74.3	hypothetical protein|protein_coding|X:8221968-8225382:1|gene:AGAP000474	1.76	1	1
4137	AGAP000491-PA	110	12.0	hypothetical protein|protein_coding|X:8681663-8681995:-1|gene:AGAP000491	21.82	1	1
4138	AGAP000493-PA	109	12.8	hypothetical protein|protein_coding|X:8703689-8704125:-1|gene:AGAP000493	8.26	11	1
4139	AGAP000501-PA	761	86.8	hypothetical protein|protein_coding|X:8801563-8804794:1|gene:AGAP000501	1.58	1	1
4140	AGAP000504-PA	2132	228.3	hypothetical protein|protein_coding|X:8858958-8889428:-1|gene:AGAP000504	0.28	1	1
4141	AGAP000509-PA	260	29.8	hypothetical protein|protein_coding|X:8973099-8975041:1|gene:AGAP000509	6.54	2	1
4142	AGAP000520-PA	1194	133.6	hypothetical protein|protein_coding|X:9291162-9297115:1|gene:AGAP000520	1.09	2	1
4143	AGAP000556-PA	103	11.4	hypothetical protein|protein_coding|X:9893768-9894079:-1|gene:AGAP000556	7.77	2	1
4144	AGAP000576-PA	1392	153.8	hypothetical protein|protein_coding|X:10135398-10146715:1|gene:AGAP000576	0.5	1	1
4145	AGAP000578-PA	815	92.6	hypothetical protein|protein_coding|X:10169730-10173933:-1|gene:AGAP000578	1.72	1	1
4146	AGAP000579-PA	1279	141.6	hypothetical protein|protein_coding|X:10177933-10183042:1|gene:AGAP000579	1.25	1	1
4147	AGAP000589-PA	555	61.0	hypothetical protein|protein_coding|X:10529348-10531097:-1|gene:AGAP000589	3.42	1	1
4148	AGAP000595-PA	508	57.6	hypothetical protein|protein_coding|X:10645314-10652861:-1|gene:AGAP000595	2.36	2	1
4149	AGAP000618-PA	176	18.6	hypothetical protein|protein_coding|X:11214787-11215532:-1|gene:AGAP000618	3.41	1	1
4150	AGAP000620-PA	613	68.0	hypothetical protein|protein_coding|X:11229300-11231403:-1|gene:AGAP000620	1.14	2	1
4151	AGAP000635-PA	2124	232.7	hypothetical protein|protein_coding|X:11387693-11397817:1|gene:AGAP000635	0.47	1	1
4152	AGAP000637-PA	744	82.8	hypothetical protein|protein_coding|X:11407473-11411712:1|gene:AGAP000637	1.08	4	1
4153	AGAP000638-PA	320	36.4	odorant binding protein|protein_coding|X:11413679-11414777:1|gene:AGAP000638	1.88	2	1

4154	AGAP000650-PA	363	41.0	hypothetical protein|protein_coding|X:11651628-11653316:-1|gene:AGAP000650	3.03	1	1
4155	AGAP000653-PA	675	78.7	hypothetical protein|protein_coding|X:11683504-11686565:-1|gene:AGAP000653	1.19	1	1
4156	AGAP000668-PA	1733	194.1	hypothetical protein|protein_coding|X:11832305-11837951:1|gene:AGAP000668	0.63	1	1
4157	AGAP000670-PA	152	16.7	hypothetical protein|protein_coding|X:11843042-11843500:1|gene:AGAP000670	18.42	1	1
4158	AGAP000696-PA	214	22.3	hypothetical protein|protein_coding|X:12477315-12484582:-1|gene:AGAP000696	4.67	1	1
4159	AGAP000702-PA	1019	111.4	hypothetical protein|protein_coding|X:12563065-12570020:1|gene:AGAP000702	0.88	2	1
4160	AGAP000714-PA	747	83.4	hypothetical protein|protein_coding|X:12757892-12760135:-1|gene:AGAP000714	2.01	1	1
4161	AGAP000725-PA	320	37.2	hypothetical protein|protein_coding|X:13159583-13160697:-1|gene:AGAP000725	1.88	1	1
4162	AGAP000726-PA	571	62.1	hypothetical protein|protein_coding|X:13163267-13168688:-1|gene:AGAP000726	1.05	1	1
4163	AGAP000738-PA	278	32.1	hypothetical protein|protein_coding|X:13457281-13458634:-1|gene:AGAP000738	4.32	1	1
4164	AGAP000743-PB	253	27.7	hypothetical protein|protein_coding|X:13593848-13594609:1|gene:AGAP000743	12.65	2	1
4165	AGAP000756-PB	495	55.2	hypothetical protein|protein_coding|X:13753846-13756307:-1|gene:AGAP000756	1.62	1	1
4166	AGAP000759-PA	200	22.7	hypothetical protein|protein_coding|X:13772003-13772775:1|gene:AGAP000759	8.5	1	1
4167	AGAP000769-PB	308	34.4	hypothetical protein|protein_coding|X:13847262-13848469:-1|gene:AGAP000769	4.55	2	1
4168	AGAP000771-PA	250	28.0	hypothetical protein|protein_coding|X:13860780-13861688:-1|gene:AGAP000771	2.8	3	1
4169	AGAP000772-PA	112	12.4	hypothetical protein|protein_coding|X:13870406-13870815:1|gene:AGAP000772	13.39	2	1
4170	AGAP000783-PA	1750	184.9	hypothetical protein|protein_coding|X:14247920-14265405:-1|gene:AGAP000783	1.83	2	1
4171	AGAP000784-PA	373	41.7	hypothetical protein|protein_coding|X:14272839-14274763:1|gene:AGAP000784	3.49	1	1

4172	AGAP000786-PA	655	72.3	hypothetical protein|protein_coding|X:14307483-14318789:1|gene:AGAP000786	1.98	2	1
4173	AGAP000810-PA	2866	311.1	hypothetical protein|protein_coding|X:14841697-14871886:-1|gene:AGAP000810	0.42	1	1
4174	AGAP000819-PA	436	48.7	hypothetical protein|protein_coding|X:15252295-15254168:1|gene:AGAP000819	2.98	1	1
4175	AGAP000824-PA	442	50.1	hypothetical protein|protein_coding|X:15336624-15339248:-1|gene:AGAP000824	1.58	1	1
4176	AGAP000830-PA	313	36.1	Caspase (Short).|protein_coding|X:15367594-15371044:-1|gene:AGAP000830	5.43	3	1
4177	AGAP000832-PA	235	27.5	hypothetical protein|protein_coding|X:15379641-15383204:1|gene:AGAP000832	4.68	1	1
4178	AGAP000842-PA	324	37.4	hypothetical protein|protein_coding|X:15559257-15560320:1|gene:AGAP000842	4.63	1	1
4179	AGAP000843-PA	331	36.6	hypothetical protein|protein_coding|X:15563043-15564171:-1|gene:AGAP000843	1.51	1	1
4180	AGAP000847-PB	1099	122.3	hypothetical protein|protein_coding|X:15677754-15688956:1|gene:AGAP000847	1.64	1	1
4181	AGAP000849-PA	55	6.6	hypothetical protein|protein_coding|X:15717168-15717335:-1|gene:AGAP000849	20	4	1
4182	AGAP000856-PA	506	56.3	hypothetical protein|protein_coding|X:15786644-15788566:1|gene:AGAP000856	2.17	1	1
4183	AGAP000864-PA	343	38.2	hypothetical protein|protein_coding|X:16090288-16093450:1|gene:AGAP000864	7	1	1
4184	AGAP000884-PA	986	106.8	hypothetical protein|protein_coding|X:16721435-16727252:1|gene:AGAP000884	1.52	1	1
4185	AGAP000886-PA	402	46.2	hypothetical protein|protein_coding|X:16737929-16741489:-1|gene:AGAP000886	2.49	1	1
4186	AGAP000894-PA	1463	161.4	hypothetical protein|protein_coding|X:16897458-16942574:-1|gene:AGAP000894	0.48	1	1
4187	AGAP000896-PA	221	25.0	hypothetical protein|protein_coding|X:16949573-16950309:-1|gene:AGAP000896	5.43	1	1
4188	AGAP000897-PA	154	15.6	hypothetical protein|protein_coding|X:16954826-16956153:1|gene:AGAP000897	9.09	6	1
4189	AGAP000908-PA	551	60.6	hypothetical protein|protein_coding|X:17125159-17134200:-1|gene:AGAP000908	5.44	1	1

4190	AGAP000911-PA	343	38.1	hypothetical protein|protein_coding|X:17155394-17156539:1|gene:AGAP000911	4.96	2	1
4191	AGAP000912-PA	1136	123.8	hypothetical protein|protein_coding|X:17165876-17169527:1|gene:AGAP000912	1.14	2	1
4192	AGAP000926-PA	2137	232.2	hypothetical protein|protein_coding|X:17449006-17471498:-1|gene:AGAP000926	0.66	1	1
4193	AGAP000926-PB	2451	265.3	hypothetical protein|protein_coding|X:17445750-17471498:-1|gene:AGAP000926	1.22	2	1
4194	AGAP000931-PA	96	10.5	UPF0729 protein AGAP000931|protein_coding|X:17592691-17592981:-1|gene:AGAP000931	32.29	2	1
4195	AGAP000948-PA	269	29.3	hypothetical protein|protein_coding|X:18319986-18320870:1|gene:AGAP000948	8.55	4	1
4196	AGAP000966-PA	519	59.7	hypothetical protein|protein_coding|X:18557873-18559842:1|gene:AGAP000966	2.5	2	1
4197	AGAP000978-PA	464	52.1	hypothetical protein|protein_coding|X:18801922-18803385:1|gene:AGAP000978	1.72	2	1
4198	AGAP000982-PA	531	59.7	hypothetical protein|protein_coding|X:18825043-18829953:1|gene:AGAP000982	2.82	1	1
4199	AGAP000995-PA	145	16.9	hypothetical protein|protein_coding|X:18984837-18985474:-1|gene:AGAP000995	11.03	2	1
4200	AGAP000997-PA	124	13.9	hypothetical protein|protein_coding|X:18996529-18996994:-1|gene:AGAP000997	9.68	1	1
4201	AGAP000998-PA	828	90.3	hypothetical protein|protein_coding|X:19000322-19100363:1|gene:AGAP000998	1.09	2	1
4202	AGAP001007-PA	226	25.3	hypothetical protein|protein_coding|X:19110768-19111448:-1|gene:AGAP001007	6.19	1	1
4203	AGAP001010-PA	887	100.7	hypothetical protein|protein_coding|X:19263984-19269266:-1|gene:AGAP001010	0.9	2	1
4204	AGAP001014-PA	201	22.9	hypothetical protein|protein_coding|X:19409083-19409948:1|gene:AGAP001014	5.47	1	1
4205	AGAP001015-PA	2800	298.4	hypothetical protein|protein_coding|X:19495565-19526057:-1|gene:AGAP001015	0.64	2	1
4206	AGAP001018-PA	600	68.0	hypothetical protein|protein_coding|X:19571836-19573861:1|gene:AGAP001018	2.5	1	1
4207	AGAP001028-PA	246	26.8	hypothetical protein|protein_coding|X:19742305-19746296:-1|gene:AGAP001028	3.66	1	1

4208	AGAP001030-PA	291	33.9	hypothetical protein|protein_coding|X:19774123-19775729:1|gene:AGAP001030	4.12	1	1
4209	AGAP001036-PA	332	37.5	hypothetical protein|protein_coding|X:19936179-19937258:1|gene:AGAP001036	5.42	2	1
4210	AGAP001051-PA	440	50.4	hypothetical protein|protein_coding|X:20951188-20953302:1|gene:AGAP001051	1.82	3	1
4211	AGAP001052-PB	533	61.1	hypothetical protein|protein_coding|X:20969946-21094077:-1|gene:AGAP001052	2.25	3	1
4212	AGAP001068-PA	182	20.6	hypothetical protein|protein_coding|X:22390607-22391155:-1|gene:AGAP001068	5.49	7	1
4213	AGAP001073-PC	576	64.6	hypothetical protein|protein_coding|X:22750645-22847872:1|gene:AGAP001073	1.56	3	1
4214	AGAP001081-PA	306	33.9	hypothetical protein|protein_coding|X:23370755-23373929:-1|gene:AGAP001081	5.88	3	1
4215	AGAP001090-PA	888	95.3	hypothetical protein|protein_coding|X:23834262-23854040:-1|gene:AGAP001090	1.35	2	1
4216	AGAP001099-PA	1676	192.5	hypothetical protein|protein_coding|2R:21934-31060:-1|gene:AGAP001099	1.01	1	1
4217	AGAP001103-PA	406	45.2	hypothetical protein|protein_coding|2R:74260-75620:-1|gene:AGAP001103	3.94	1	1
4218	AGAP001106-PA	1232	132.1	hypothetical protein|protein_coding|2R:223733-227671:1|gene:AGAP001106	0.73	2	1
4219	AGAP001112-PA	472	57.1	hypothetical protein|protein_coding|2R:301617-303190:-1|gene:AGAP001112	2.33	1	1
4220	AGAP001118-PA	738	77.9	hypothetical protein|protein_coding|2R:426829-429591:1|gene:AGAP001118	2.98	2	1
4221	AGAP001123-PA	404	46.3	gustatory receptor|protein_coding|2R:449457-450730:-1|gene:AGAP001123	2.72	1	1
4222	AGAP001137-PA	382	43.8	gustatory receptor|protein_coding|2R:567440-568742:-1|gene:AGAP001137	2.09	1	1
4223	AGAP001146-PA	911	100.9	hypothetical protein|protein_coding|2R:596586-599393:-1|gene:AGAP001146	0.99	1	1
4224	AGAP001156-PA	1346	153.0	hypothetical protein|protein_coding|2R:630581-634830:-1|gene:AGAP001156	1.04	1	1
4225	AGAP001182-PA	150	15.9	hypothetical protein|protein_coding|2R:795735-796336:-1|gene:AGAP001182	12.67	3	1
4226	AGAP001185-PA	594	64.9	hypothetical protein|protein_coding|2R:820861-823404:-1|gene:AGAP001185	2.19	4	1
4227	AGAP001189-PB	137	15.4	odorant binding protein|protein_coding|2R:1168790-1169405:-1|gene:AGAP001189	10.95	2	1

4228	AGAP001196-PA	320	36.9	hypothetical protein|protein_coding|2R:1258058-1259090:1|gene:AGAP001196	2.81	1	1
4229	AGAP001197-PA	157	18.7	AGAP001197-PA|Galectin.|protein_coding|2R:1272611-1273259:1|gene:AGAP001197	7.01	9	1
4230	AGAP001209-PA	1958	214.2	hypothetical protein|protein_coding|2R:1570811-1583778:-1|gene:AGAP001209	0.82	1	1
4231	AGAP001233-PA	447	51.2	hypothetical protein|protein_coding|2R:1747788-1749475:-1|gene:AGAP001233	3.8	1	1
4232	AGAP001237-PA	235	25.8	Mediator of RNA polymerase II transcription subunit 29 (Mediator complex subunit 29)(Protein intersex)|protein_coding|2R:1772988-1773835:-1|gene:AGAP001237	7.23	2	1
4233	AGAP001243-PA	648	74.1	hypothetical protein|protein_coding|2R:1988323-1990704:1|gene:AGAP001243	1.85	4	1
4234	AGAP001246-PA	283	30.3	hypothetical protein|protein_coding|2R:2031648-2032691:1|gene:AGAP001246	7.77	1	1
4235	AGAP001265-PA	791	86.1	hypothetical protein|protein_coding|2R:2101260-2106211:-1|gene:AGAP001265	2.15	4	1
4236	AGAP001270-PA	377	42.2	hypothetical protein|protein_coding|2R:2146078-2147273:-1|gene:AGAP001270	2.92	1	1
4237	AGAP001271-PA	1949	211.2	hypothetical protein|protein_coding|2R:2148670-2158897:1|gene:AGAP001271	0.36	1	1
4238	AGAP001277-PA	131	14.7	hypothetical protein|protein_coding|2R:2189476-2189948:-1|gene:AGAP001277	13.74	2	1
4239	AGAP001284-PA	452	51.6	hypothetical protein|protein_coding|2R:2280101-2281706:1|gene:AGAP001284	2.65	1	1
4240	AGAP001286-PA	934	103.9	hypothetical protein|protein_coding|2R:2472493-2475513:1|gene:AGAP001286	1.71	1	1
4241	AGAP001287-PC	574	65.0	hypothetical protein|protein_coding|2R:2494425-2498876:-1|gene:AGAP001287	3.14	1	1
4242	AGAP001296-PA	3000	318.8	hypothetical protein|protein_coding|2R:2634398-2644334:1|gene:AGAP001296	0.5	1	1
4243	AGAP001311-PA	130	15.4	hypothetical protein|protein_coding|2R:2842385-2842848:1|gene:AGAP001311	8.46	1	1
4244	AGAP001324-PA	1294	145.3	hypothetical protein|protein_coding|2R:2999289-3003505:-1|gene:AGAP001324	0.54	1	1
4245	AGAP001329-PA	132	12.9	Cuticular protein unclassified|protein_coding|2R:3094303-3094798:1|gene:AGAP001329	12.88	12	1

4246	AGAP001343-PA	490	56.5	hypothetical protein|protein_coding|2R:3332349-3344862:-1|gene:AGAP001343	1.43	2	1
4247	AGAP001349-PA	242	25.5	hypothetical protein|protein_coding|2R:3394738-3395539:-1|gene:AGAP001349	7.02	2	1
4248	AGAP001350-PA	305	35.0	hypothetical protein|protein_coding|2R:3399098-3402472:-1|gene:AGAP001350	7.21	2	1
4249	AGAP001360-PA	799	89.3	hypothetical protein|protein_coding|2R:3546285-3548750:1|gene:AGAP001360	2	2	1
4250	AGAP001369-PA	1151	130.3	hypothetical protein|protein_coding|2R:3720448-3729943:1|gene:AGAP001369	2.35	2	1
4251	AGAP001373-PA	579	57.6	hypothetical protein|protein_coding|2R:3996309-3998138:1|gene:AGAP001373	4.49	1	1
4252	AGAP001382-PA	116	13.0	diuretic hormone 31|protein_coding|2R:4067280-4077610:-1|gene:AGAP001382	11.21	11	1
4253	AGAP001386-PA	2528	271.1	hypothetical protein|protein_coding|2R:4103440-4111571:-1|gene:AGAP001386	0.44	2	1
4254	AGAP001394-PA	213	23.6	hypothetical protein|protein_coding|2R:4155365-4167690:1|gene:AGAP001394	7.04	3	1
4255	AGAP001400-PA	231	25.2	hypothetical protein|protein_coding|2R:4190589-4191354:1|gene:AGAP001400	3.46	2	1
4256	AGAP001403-PA	194	22.3	hypothetical protein|protein_coding|2R:4196724-4197308:-1|gene:AGAP001403	3.61	2	1
4257	AGAP001414-PA	509	57.0	hypothetical protein|protein_coding|2R:4563300-4564900:-1|gene:AGAP001414	2.55	1	1
4258	AGAP001427-PA	2907	302.9	hypothetical protein|protein_coding|2R:4761983-4771036:-1|gene:AGAP001427	0.34	11	1
4259	AGAP001430-PA	305	32.8	hypothetical protein|protein_coding|2R:4794058-4795073:-1|gene:AGAP001430	6.23	1	1
4260	AGAP001434-PB	456	52.4	hypothetical protein|protein_coding|2R:4848635-4895916:-1|gene:AGAP001434	2.19	1	1
4261	AGAP001443-PA	404	46.3	hypothetical protein|protein_coding|2R:5058685-5060107:-1|gene:AGAP001443	1.24	5	1
4262	AGAP001449-PA	246	27.3	hypothetical protein|protein_coding|2R:5229907-5230716:1|gene:AGAP001449	6.91	3	1
4263	AGAP001450-PA	323	38.1	hypothetical protein|protein_coding|2R:5232670-5233704:1|gene:AGAP001450	2.17	1	1

4264	AGAP001452-PA	411	46.4	hypothetical protein|protein_coding|2R:5255979-5260074:1|gene:AGAP001452	1.7	4	1
4265	AGAP001470-PA	723	80.9	hypothetical protein|protein_coding|2R:5352331-5354988:-1|gene:AGAP001470	1.11	4	1
4266	AGAP001473-PA	672	74.8	hypothetical protein|protein_coding|2R:5364946-5369670:-1|gene:AGAP001473	2.53	1	1
4267	AGAP001474-PA	105	11.6	AGAP001474-PA|myosuppressin|protein_coding|2R:5371628-5372306:1|gene:AGAP001474	9.52	3	1
4268	AGAP001480-PC	1311	145.3	hypothetical protein|protein_coding|2R:5400867-5406762:1|gene:AGAP001480	2.14	2	1
4269	AGAP001481-PA	1013	111.2	hypothetical protein|protein_coding|2R:5408354-5418148:1|gene:AGAP001481	2.47	2	1
4270	AGAP001487-PA	373	44.4	Innexin shaking-B|protein_coding|2R:5476047-5483951:-1|gene:AGAP001487	2.14	2	1
4271	AGAP001496-PA	1104	119.5	hypothetical protein|protein_coding|2R:5638295-5642459:1|gene:AGAP001496	1.27	1	1
4272	AGAP001499-PB	403	45.0	putative melatonin receptor|protein_coding|2R:5680743-5683795:1|gene:AGAP001499	4.22	1	1
4273	AGAP001505-PA	247	28.2	hypothetical protein|protein_coding|2R:5695985-5696798:1|gene:AGAP001505	7.69	1	1
4274	AGAP001514-PA	705	76.3	hypothetical protein|protein_coding|2R:5742048-5744240:-1|gene:AGAP001514	2.84	1	1
4275	AGAP001515-PA	190	21.5	hypothetical protein|protein_coding|2R:5746501-5757790:-1|gene:AGAP001515	6.32	3	1
4276	AGAP001518-PA	1631	178.7	hypothetical protein|protein_coding|2R:5770582-5777352:1|gene:AGAP001518	1.53	2	1
4277	AGAP001521-PA	417	46.2	hypothetical protein|protein_coding|2R:5826876-5828384:1|gene:AGAP001521	3.12	2	1
4278	AGAP001523-PA	1616	181.4	hypothetical protein|protein_coding|2R:5833263-5838593:-1|gene:AGAP001523	0.99	1	1
4279	AGAP001526-PA	552	63.6	hypothetical protein|protein_coding|2R:5845641-5847456:-1|gene:AGAP001526	1.81	1	1
4280	AGAP001531-PA	610	65.1	hypothetical protein|protein_coding|2R:5882628-5884607:1|gene:AGAP001531	2.13	1	1
4281	AGAP001535-PA	3613	376.8	hypothetical protein|protein_coding|2R:5943295-5955493:1|gene:AGAP001535	0.22	3	1

4282	AGAP001539-PA	457	52.9	hypothetical protein|protein_coding|2R:6045547-6047468:-1|gene:AGAP001539	2.41	1	1
4283	AGAP001541-PA	483	56.9	hypothetical protein|protein_coding|2R:6049755-6051861:-1|gene:AGAP001541	2.07	1	1
4284	AGAP001545-PA	195	23.4	hypothetical protein|protein_coding|2R:6090798-6091470:1|gene:AGAP001545	6.15	2	1
4285	AGAP001556-PA	154	17.4	odorant binding protein, antennal|protein_coding|2R:6152226-6154270:-1|gene:AGAP001556	7.14	1	1
4286	AGAP001564-PA	1039	111.4	hypothetical protein|protein_coding|2R:6286886-6299463:-1|gene:AGAP001564	0.58	1	1
4287	AGAP001565-PA	391	45.1	hypothetical protein|protein_coding|2R:6303989-6305412:1|gene:AGAP001565	2.3	1	1
4288	AGAP001583-PA	1722	183.3	hypothetical protein|protein_coding|2R:6464426-6477495:1|gene:AGAP001583	0.46	2	1
4289	AGAP001584-PA	152	16.6	hypothetical protein|protein_coding|2R:6479005-6479463:-1|gene:AGAP001584	11.84	2	1
4290	AGAP001602-PA	575	65.0	hypothetical protein|protein_coding|2R:6641935-6644418:1|gene:AGAP001602	1.04	1	1
4291	AGAP001608-PA	1646	176.7	hypothetical protein|protein_coding|2R:6690169-6755015:-1|gene:AGAP001608	0.36	1	1
4292	AGAP001627-PA	497	54.8	hypothetical protein|protein_coding|2R:7014163-7018377:1|gene:AGAP001627	1.21	2	1
4293	AGAP001628-PA	372	42.8	hypothetical protein|protein_coding|2R:7020547-7021876:-1|gene:AGAP001628	1.61	1	1
4294	AGAP001629-PA	276	31.1	hypothetical protein|protein_coding|2R:7024073-7025097:1|gene:AGAP001629	6.16	2	1
4295	AGAP001632-PA	1106	123.6	hypothetical protein|protein_coding|2R:7049726-7056168:-1|gene:AGAP001632	0.99	1	1
4296	AGAP001636-PA	815	89.8	hypothetical protein|protein_coding|2R:7217530-7220252:-1|gene:AGAP001636	1.35	1	1
4297	AGAP001638-PB	576	63.7	hypothetical protein|protein_coding|2R:7235579-7238234:-1|gene:AGAP001638	1.91	2	1
4298	AGAP001640-PA	1082	120.9	hypothetical protein|protein_coding|2R:7252700-7256453:-1|gene:AGAP001640	1.29	1	1
4299	AGAP001644-PA	231	25.6	hypothetical protein|protein_coding|2R:7262808-7265154:-1|gene:AGAP001644	6.49	2	1

4300	AGAP001655-PA	370	40.7	hypothetical protein|protein_coding|2R:7325280-7326462:1|gene:AGAP001655	3.51	2	1
4301	AGAP001658-PA	333	36.8	hypothetical protein|protein_coding|2R:7538951-7549453:1|gene:AGAP001658	6.61	3	1
4302	AGAP001670-PA	697	76.8	hypothetical protein|protein_coding|2R:7680933-7683107:-1|gene:AGAP001670	0.86	3	1
4303	AGAP001673-PA	1179	128.0	hypothetical protein|protein_coding|2R:7824101-7828224:1|gene:AGAP001673	1.02	3	1
4304	AGAP001683-PB	450	49.8	hypothetical protein|protein_coding|2R:8300308-8438563:-1|gene:AGAP001683	2.67	2	1
4305	AGAP001695-PA	454	49.8	hypothetical protein|protein_coding|2R:8716678-8718042:1|gene:AGAP001695	3.3	2	1
4306	AGAP001702-PA	752	85.0	hypothetical protein|protein_coding|2R:8802220-8804542:1|gene:AGAP001702	0.93	1	1
4307	AGAP001706-PA	548	64.1	hypothetical protein|protein_coding|2R:8829882-8831528:1|gene:AGAP001706	2.74	1	1
4308	AGAP001710-PA	2044	226.6	hypothetical protein|protein_coding|2R:8851105-8857482:-1|gene:AGAP001710	0.54	1	1
4309	AGAP001713-PD	355	40.8	hypothetical protein|protein_coding|2R:8873957-8875611:1|gene:AGAP001713	3.94	1	1
4310	AGAP001715-PA	324	35.2	hypothetical protein|protein_coding|2R:8880370-8881416:-1|gene:AGAP001715	4.01	2	1
4311	AGAP001716-PA	1665	180.6	hypothetical protein|protein_coding|2R:8885303-8890890:-1|gene:AGAP001716	0.42	1	1
4312	AGAP001717-PA	124	13.6	hypothetical protein|protein_coding|2R:8908799-8909248:-1|gene:AGAP001717	10.48	2	1
4313	AGAP001722-PA	562	62.5	hypothetical protein|protein_coding|2R:8928724-8930493:1|gene:AGAP001722	3.38	2	1
4314	AGAP001725-PA	415	46.1	hypothetical protein|protein_coding|2R:8936620-8937945:1|gene:AGAP001725	1.69	1	1
4315	AGAP001738-PA	363	40.8	hypothetical protein|protein_coding|2R:9102277-9103529:1|gene:AGAP001738	4.13	3	1
4316	AGAP001744-PA	435	48.4	hypothetical protein|protein_coding|2R:9238731-9240380:1|gene:AGAP001744	3.22	2	1
4317	AGAP001746-PA	261	29.8	hypothetical protein|protein_coding|2R:9245047-9246158:-1|gene:AGAP001746	8.05	6	1

4318	AGAP001752-PB	378	42.8	hypothetical protein|protein_coding|2R:9415520-9417892:-1|gene:AGAP001752	2.38	1	1
4319	AGAP001756-PA	598	66.8	hypothetical protein|protein_coding|2R:9460611-9463665:-1|gene:AGAP001756	1.17	2	1
4320	AGAP001764-PA	340	35.8	hypothetical protein|protein_coding|2R:9529955-9531048:1|gene:AGAP001764	1.47	1	1
4321	AGAP001765-PA	606	69.7	hypothetical protein|protein_coding|2R:9532423-9535697:-1|gene:AGAP001765	2.64	1	1
4322	AGAP001768-PA	227	26.4	hypothetical protein|protein_coding|2R:9687416-9688338:-1|gene:AGAP001768	5.29	2	1
4323	AGAP001778-PA	207	22.8	hypothetical protein|protein_coding|2R:10178227-10178930:-1|gene:AGAP001778	3.38	2	1
4324	AGAP001787-PA	453	52.0	hypothetical protein|protein_coding|2R:10480311-10481825:1|gene:AGAP001787	5.74	2	1
4325	AGAP001790-PA	531	60.0	hypothetical protein|protein_coding|2R:10491597-10493192:-1|gene:AGAP001790	2.07	2	1
4326	AGAP001807-PB	574	64.4	putative glycoprotein hormone gph-like receptor|protein_coding|2R:10790866-10802793:-1|gene:AGAP001807	1.39	2	1
4327	AGAP001818-PA	250	28.9	hypothetical protein|protein_coding|2R:10868094-10868921:-1|gene:AGAP001818	5.6	1	1
4328	AGAP001864-PA	510	58.7	hypothetical protein|protein_coding|2R:11614187-11615787:1|gene:AGAP001864	1.37	1	1
4329	AGAP001873-PA	617	68.8	hypothetical protein|protein_coding|2R:11741731-11744613:-1|gene:AGAP001873	1.62	1	1
4330	AGAP001885-PA	436	48.0	hypothetical protein|protein_coding|2R:11885788-11887098:1|gene:AGAP001885	4.36	2	1
4331	AGAP001892-PA	406	44.6	hypothetical protein|protein_coding|2R:11917812-11919234:1|gene:AGAP001892	2.96	3	1
4332	AGAP001895-PA	1352	149.7	hypothetical protein|protein_coding|2R:11930097-11936362:-1|gene:AGAP001895	0.81	1	1
4333	AGAP001913-PA	443	51.2	hypothetical protein|protein_coding|2R:12021329-12023001:1|gene:AGAP001913	3.39	1	1
4334	AGAP001916-PA	1794	193.1	hypothetical protein|protein_coding|2R:12076166-12089005:1|gene:AGAP001916	0.5	1	1
4335	AGAP001929-PA	1589	177.9	hypothetical protein|protein_coding|2R:12383704-12388708:-1|gene:AGAP001929	1.07	1	1

4336	AGAP001933-PA	659	73.2	hypothetical protein|protein_coding|2R:12424652-12426730:1|gene:AGAP001933	3.95	2	1
4337	AGAP001949-PA	1752	195.6	hypothetical protein|protein_coding|2R:12768695-12774098:-1|gene:AGAP001949	0.74	1	1
4338	AGAP001965-PA	634	70.5	hypothetical protein|protein_coding|2R:12976761-12978999:-1|gene:AGAP001965	2.84	5	1
4339	AGAP001967-PA	864	98.7	hypothetical protein|protein_coding|2R:12985652-12988388:-1|gene:AGAP001967	1.16	1	1
4340	AGAP001972-PA	459	50.7	hypothetical protein|protein_coding|2R:12999749-13001304:1|gene:AGAP001972	2.18	2	1
4341	AGAP001976-PA	157	18.4	hypothetical protein|protein_coding|2R:13019348-13019987:1|gene:AGAP001976	10.83	1	1
4342	AGAP001978-PA	805	85.8	hypothetical protein|protein_coding|2R:13039106-13042812:1|gene:AGAP001978	1.99	6	1
4343	AGAP001982-PA	263	29.1	hypothetical protein|protein_coding|2R:13117589-13119875:-1|gene:AGAP001982	5.32	2	1
4344	AGAP001984-PA	248	28.6	hypothetical protein|protein_coding|2R:13153919-13154837:1|gene:AGAP001984	4.44	1	1
4345	AGAP001987-PA	897	93.0	hypothetical protein|protein_coding|2R:13195029-13197722:-1|gene:AGAP001987	2.45	1	1
4346	AGAP002004-PA	914	104.1	hypothetical protein|protein_coding|2R:13406060-13409137:1|gene:AGAP002004	1.64	2	1
4347	AGAP002006-PA	535	60.8	hypothetical protein|protein_coding|2R:13550738-13556563:-1|gene:AGAP002006	2.99	1	1
4348	AGAP002007-PA	513	57.4	hypothetical protein|protein_coding|2R:13729816-13733053:1|gene:AGAP002007	2.34	3	1
4349	AGAP002011-PA	470	50.1	hypothetical protein|protein_coding|2R:13892586-13895242:1|gene:AGAP002011	2.34	3	1
4350	AGAP002016-PA	463	53.1	hypothetical protein|protein_coding|2R:13956573-13958181:1|gene:AGAP002016	2.81	2	1
4351	AGAP002018-PA	493	56.2	hypothetical protein|protein_coding|2R:13961776-13971752:1|gene:AGAP002018	2.23	2	1
4352	AGAP002021-PA	355	40.1	hypothetical protein|protein_coding|2R:14014496-14021640:1|gene:AGAP002021	7.61	2	1
4353	AGAP002024-PA	1345	145.4	hypothetical protein|protein_coding|2R:14051508-14067777:-1|gene:AGAP002024	0.89	1	1

4354	AGAP002028-PA	615	67.8	hypothetical protein|protein_coding|2R:14075945-14079894:-1|gene:AGAP002028	2.6	4	1
4355	AGAP002040-PA	1166	126.3	hypothetical protein|protein_coding|2R:14293693-14299822:1|gene:AGAP002040	0.94	1	1
4356	AGAP002041-PB	1876	195.1	hypothetical protein|protein_coding|2R:14312602-14358237:-1|gene:AGAP002041	0.91	1	1
4357	AGAP002062-PA	358	41.9	Protein FAM50 homolog|protein_coding|2R:14717531-14718676:-1|gene:AGAP002062	5.03	1	1
4358	AGAP002066-PA	215	24.9	hypothetical protein|protein_coding|2R:14726797-14727957:-1|gene:AGAP002066	6.98	1	1
4359	AGAP002079-PA	615	66.7	hypothetical protein|protein_coding|2R:14838995-14853390:-1|gene:AGAP002079	2.6	2	1
4360	AGAP002084-PB	515	57.4	hypothetical protein|protein_coding|2R:15118177-15127501:1|gene:AGAP002084	2.72	2	1
4361	AGAP002087-PA	72	8.2	hypothetical protein|protein_coding|2R:15154424-15154792:-1|gene:AGAP002087	12.5	1	1
4362	AGAP002097-PA	398	47.1	hypothetical protein|protein_coding|2R:15327623-15328890:1|gene:AGAP002097	3.77	1	1
4363	AGAP002098-PA	119	13.4	hypothetical protein|protein_coding|2R:15329623-15329982:-1|gene:AGAP002098	10.92	2	1
4364	AGAP002109-PA	276	29.6	hypothetical protein|protein_coding|2R:15711990-15715835:-1|gene:AGAP002109	5.43	2	1
4365	AGAP002116-PA	662	74.5	hypothetical protein|protein_coding|2R:15842771-15890943:-1|gene:AGAP002116	2.42	2	1
4366	AGAP002118-PA	392	44.7	hypothetical protein|protein_coding|2R:15979014-15980192:1|gene:AGAP002118	3.57	2	1
4367	AGAP002121-PA	173	18.9	hypothetical protein|protein_coding|2R:16044874-16045577:1|gene:AGAP002121	6.36	1	1
4368	AGAP002123-PA	777	84.8	hypothetical protein|protein_coding|2R:16050806-16055654:-1|gene:AGAP002123	0.9	1	1
4369	AGAP002139-PA	379	44.1	hypothetical protein|protein_coding|2R:16400102-16401475:-1|gene:AGAP002139	1.58	1	1
4370	AGAP002140-PA	92	9.7	hypothetical protein|protein_coding|2R:16401764-16402124:-1|gene:AGAP002140	14.13	1	1
4371	AGAP002143-PA	678	78.7	hypothetical protein|protein_coding|2R:16408789-16411444:-1|gene:AGAP002143	0.88	1	1

4372	AGAP002157-PB	396	45.1	hypothetical protein|protein_coding|2R:16578300-16581233:-1|gene:AGAP002157	4.04	2	1
4373	AGAP002162-PA	490	55.8	hypothetical protein|protein_coding|2R:16638934-16640565:-1|gene:AGAP002162	3.67	1	1
4374	AGAP002177-PA	226	25.0	hypothetical protein|protein_coding|2R:16912077-16912886:1|gene:AGAP002177	5.31	1	1
4375	AGAP002193-PA	661	75.1	hypothetical protein|protein_coding|2R:17390058-17394410:1|gene:AGAP002193	2.12	1	1
4376	AGAP002196-PA	509	57.8	hypothetical protein|protein_coding|2R:17484072-17485823:1|gene:AGAP002196	1.57	1	1
4377	AGAP002197-PA	368	41.9	hypothetical protein|protein_coding|2R:17488976-17490483:-1|gene:AGAP002197	1.63	1	1
4378	AGAP002200-PA	654	68.6	hypothetical protein|protein_coding|2R:17556634-17563406:-1|gene:AGAP002200	2.14	2	1
4379	AGAP002210-PA	499	57.6	hypothetical protein|protein_coding|2R:17601493-17603299:-1|gene:AGAP002210	1.6	2	1
4380	AGAP002214-PA	694	76.4	hypothetical protein|protein_coding|2R:17670836-17674533:1|gene:AGAP002214	3.03	1	1
4381	AGAP002215-PA	2176	235.9	hypothetical protein|protein_coding|2R:17675147-17682988:-1|gene:AGAP002215	0.87	1	1
4382	AGAP002226-PA	1992	223.1	hypothetical protein|protein_coding|2R:17736711-17780265:1|gene:AGAP002226	0.85	1	1
4383	AGAP002234-PA	278	31.2	hypothetical protein|protein_coding|2R:17965500-17968545:-1|gene:AGAP002234	2.52	1	1
4384	AGAP002235-PA	537	55.9	hypothetical protein|protein_coding|2R:17971884-17975046:-1|gene:AGAP002235	1.86	1	1
4385	AGAP002240-PA	175	19.7	hypothetical protein|protein_coding|2R:18061077-18061766:-1|gene:AGAP002240	9.14	3	1
4386	AGAP002246-PA	2003	217.5	hypothetical protein|protein_coding|2R:18085098-18091285:1|gene:AGAP002246	0.3	1	1
4387	AGAP002250-PA	1114	119.0	hypothetical protein|protein_coding|2R:18103826-18109458:-1|gene:AGAP002250	1.26	1	1
4388	AGAP002260-PA	470	53.1	hypothetical protein|protein_coding|2R:18255770-18257364:1|gene:AGAP002260	1.06	1	1
4389	AGAP002264-PA	569	60.6	hypothetical protein|protein_coding|2R:18359321-18370266:-1|gene:AGAP002264	1.93	1	1

4390	AGAP002266-PB	453	49.8	hypothetical protein|protein_coding|2R:18380236-18381597:1|gene:AGAP002266	4.19	1	1
4391	AGAP002276-PA	441	48.3	hypothetical protein|protein_coding|2R:18511511-18512913:-1|gene:AGAP002276	2.27	1	1
4392	AGAP002280-PA	299	34.0	hypothetical protein|protein_coding|2R:18537282-18538331:-1|gene:AGAP002280	2.34	1	1
4393	AGAP002285-PB	236	27.1	hypothetical protein|protein_coding|2R:18579973-18580809:1|gene:AGAP002285	2.12	2	1
4394	AGAP002286-PA	214	23.3	hypothetical protein|protein_coding|2R:18585431-18586209:-1|gene:AGAP002286	3.27	1	1
4395	AGAP002287-PA	1169	128.3	hypothetical protein|protein_coding|2R:18586633-18590437:1|gene:AGAP002287	0.86	2	1
4396	AGAP002294-PA	513	58.1	hypothetical protein|protein_coding|2R:18683699-18685240:-1|gene:AGAP002294	2.53	2	1
4397	AGAP002295-PA	737	78.8	hypothetical protein|protein_coding|2R:18685731-18687944:1|gene:AGAP002295	2.71	1	1
4398	AGAP002305-PA	217	24.9	hypothetical protein|protein_coding|2R:19052939-19053666:-1|gene:AGAP002305	10.14	2	1
4399	AGAP002331-PA	655	70.3	hypothetical protein|protein_coding|2R:19954166-19956783:-1|gene:AGAP002331	2.44	2	1
4400	AGAP002339-PA	258	28.1	hypothetical protein|protein_coding|2R:20278838-20279712:-1|gene:AGAP002339	6.98	1	1
4401	AGAP002354-PB	758	87.6	hypothetical protein|protein_coding|2R:20571876-20576055:1|gene:AGAP002354	1.98	3	1
4402	AGAP002357-PA	140	15.4	hypothetical protein|protein_coding|2R:20595480-20596072:1|gene:AGAP002357	10.71	2	1
4403	AGAP002362-PA	181	20.1	hypothetical protein|protein_coding|2R:20643639-20644255:-1|gene:AGAP002362	11.05	1	1
4404	AGAP002371-PA	1550	172.7	hypothetical protein|protein_coding|2R:20761790-20769879:-1|gene:AGAP002371	0.71	1	1
4405	AGAP002383-PA	563	64.6	hypothetical protein|protein_coding|2R:20864135-20866090:-1|gene:AGAP002383	2.31	2	1
4406	AGAP002391-PA	636	70.7	hypothetical protein|protein_coding|2R:20888558-20898575:1|gene:AGAP002391	1.1	1	1
4407	AGAP002394-PA	506	58.4	hypothetical protein|protein_coding|2R:20902857-20904455:1|gene:AGAP002394	3.75	1	1

4408	AGAP002406-PA	228	26.3	hypothetical protein|protein_coding|2R:20975063-20975892:1|gene:AGAP002406	7.02	2	1
4409	AGAP002407-PA	161	18.5	hypothetical protein|protein_coding|2R:20975993-20976550:-1|gene:AGAP002407	7.45	2	1
4410	AGAP002418-PA	507	58.1	hypothetical protein|protein_coding|2R:21054723-21057228:1|gene:AGAP002418	2.17	1	1
4411	AGAP002421-PA	384	43.1	hypothetical protein|protein_coding|2R:21072601-21076051:-1|gene:AGAP002421	7.29	1	1
4412	AGAP002426-PA	201	22.4	Protein OPI10 homolog|protein_coding|2R:21207867-21208710:-1|gene:AGAP002426	5.97	2	1
4413	AGAP002427-PA	662	75.1	hypothetical protein|protein_coding|2R:21209339-21224228:1|gene:AGAP002427	1.06	1	1
4414	AGAP002428-PB	214	23.5	hypothetical protein|protein_coding|2R:21211165-21213926:-1|gene:AGAP002428	7.01	4	1
4415	AGAP002430-PA	113	12.2	adipokinetic hormone 2|protein_coding|2R:21260116-21261343:1|gene:AGAP002430	9.73	5	1
4416	AGAP002449-PA	533	60.1	hypothetical protein|protein_coding|2R:21520244-21529487:1|gene:AGAP002449	0.94	1	1
4417	AGAP002451-PA	545	61.6	Class B Scavenger Receptor (CD36 domain).|protein_coding|2R:21532053-21540998:-1|gene:AGAP002451	1.65	2	1
4418	AGAP002454-PA	229	25.9	hypothetical protein|protein_coding|2R:21561472-21562435:-1|gene:AGAP002454	6.99	2	1
4419	AGAP002467-PA	720	80.1	hypothetical protein|protein_coding|2R:21830960-21833199:1|gene:AGAP002467	1.67	5	1
4420	AGAP002469-PA	1123	119.9	hypothetical protein|protein_coding|2R:21839444-21842815:1|gene:AGAP002469	1.16	2	1
4421	AGAP002470-PA	142	16.0	hypothetical protein|protein_coding|2R:21844846-21845340:-1|gene:AGAP002470	11.97	1	1
4422	AGAP002484-PA	313	34.3	hypothetical protein|protein_coding|2R:21883063-21884163:-1|gene:AGAP002484	3.19	1	1
4423	AGAP002491-PA	254	28.2	hypothetical protein|protein_coding|2R:21973252-21974399:-1|gene:AGAP002491	4.72	2	1
4424	AGAP002505-PA	2632	295.1	hypothetical protein|protein_coding|2R:22070155-22090671:-1|gene:AGAP002505	0.3	2	1
4425	AGAP002510-PA	597	68.6	hypothetical protein|protein_coding|2R:22138179-22139972:-1|gene:AGAP002510	1.01	1	1

4426	AGAP002524-PA	178	19.8	hypothetical protein|protein_coding|2R:22353778-22354314:-1|gene:AGAP002524	6.18	2	1
4427	AGAP002526-PA	85	9.6	hypothetical protein|protein_coding|2R:22363492-22363828:-1|gene:AGAP002526	16.47	3	1
4428	AGAP002528-PA	140	16.6	hypothetical protein|protein_coding|2R:22372972-22373483:1|gene:AGAP002528	12.86	2	1
4429	AGAP002538-PA	321	36.4	hypothetical protein|protein_coding|2R:22473568-22474690:-1|gene:AGAP002538	3.12	1	1
4430	AGAP002539-PA	1082	122.6	Integrator complex subunit 3 homolog (SOSS complex subunit A homolog)|protein_coding|2R:22475735-22479364:1|gene:AGAP002539	1.2	1	1
4431	AGAP002540-PA	388	44.4	hypothetical protein|protein_coding|2R:22498678-22499919:-1|gene:AGAP002540	1.55	1	1
4432	AGAP002547-PA	163	18.8	Nuclear cap-binding protein subunit 2 (20 kDa nuclear cap-binding protein)(NCBP 20 kDa subunit)(CBP20)|protein_coding|2R:22665765-22666365:-1|gene:AGAP002547	15.34	1	1
4433	AGAP002567-PA	877	97.3	hypothetical protein|protein_coding|2R:22993406-22996996:1|gene:AGAP002567	1.94	2	1
4434	AGAP002569-PA	445	48.6	hypothetical protein|protein_coding|2R:23001121-23003076:1|gene:AGAP002569	4.04	2	1
4435	AGAP002573-PA	1056	118.0	hypothetical protein|protein_coding|2R:23018044-23092994:1|gene:AGAP002573	1.52	2	1
4436	AGAP002581-PA	685	76.9	hypothetical protein|protein_coding|2R:23275989-23278271:-1|gene:AGAP002581	2.77	1	1
4437	AGAP002587-PA	507	55.7	hypothetical protein|protein_coding|2R:23307020-23309273:-1|gene:AGAP002587	8.28	1	1
4438	AGAP002592-PA	229	26.1	hypothetical protein|protein_coding|2R:23675001-23677291:1|gene:AGAP002592	5.68	2	1
4439	AGAP002596-PA	384	41.6	hypothetical protein|protein_coding|2R:23723081-23724325:1|gene:AGAP002596	2.86	5	1
4440	AGAP002598-PA	534	60.9	hypothetical protein|protein_coding|2R:23777843-23779447:1|gene:AGAP002598	1.87	1	1
4441	AGAP002605-PA	718	79.2	hypothetical protein|protein_coding|2R:23831914-23835319:1|gene:AGAP002605	0.84	1	1
4442	AGAP002629-PA	749	79.6	hypothetical protein|protein_coding|2R:24564961-24567358:1|gene:AGAP002629	1.2	1	1
4443	AGAP002630-PA	102	11.6	hypothetical protein|protein_coding|2R:24620285-24620831:-1|gene:AGAP002630	10.78	8	1

4444	AGAP002631-PA	59	6.4	hypothetical protein|protein_coding|2R:24621991-24622170:1|gene:AGAP002631	11.86	2	1
4445	AGAP002632-PA	59	6.5	hypothetical protein|protein_coding|2R:24622551-24622730:-1|gene:AGAP002632	27.12	3	1
4446	AGAP002634-PA	416	46.4	hypothetical protein|protein_coding|2R:24773120-24781524:1|gene:AGAP002634	1.92	1	1
4447	AGAP002647-PA	416	48.1	hypothetical protein|protein_coding|2R:24962238-24972865:1|gene:AGAP002647	4.81	2	1
4448	AGAP002648-PA	2915	312.5	hypothetical protein|protein_coding|2R:25077385-25088084:1|gene:AGAP002648	0.27	1	1
4449	AGAP002651-PA	5060	550.8	hypothetical protein|protein_coding|2R:25142459-25161648:-1|gene:AGAP002651	0.34	2	1
4450	AGAP002656-PA	2048	233.5	hypothetical protein|protein_coding|2R:25196705-25203280:1|gene:AGAP002656	0.63	1	1
4451	AGAP002659-PA	466	51.2	hypothetical protein|protein_coding|2R:25205541-25207041:-1|gene:AGAP002659	2.79	3	1
4452	AGAP002664-PA	295	34.0	Mediator of RNA polymerase II transcription subunit 27 (Mediator complex subunit 27)|protein_coding|2R:25253915-25255008:-1|gene:AGAP002664	5.76	1	1
4453	AGAP002665-PA	1089	123.4	hypothetical protein|protein_coding|2R:25255484-25259044:1|gene:AGAP002665	2.66	1	1
4454	AGAP002679-PA	417	44.1	putative GPCR class a orphan receptor 6|protein_coding|2R:25576295-25577739:1|gene:AGAP002679	1.44	1	1
4455	AGAP002682-PA	815	94.0	hypothetical protein|protein_coding|2R:25605842-25609268:1|gene:AGAP002682	0.86	1	1
4456	AGAP002688-PB	1053	116.8	hypothetical protein|protein_coding|2R:25624941-25638337:-1|gene:AGAP002688	1.04	1	1
4457	AGAP002690-PB	624	71.1	hypothetical protein|protein_coding|2R:25645751-25648117:1|gene:AGAP002690	1.76	1	1
4458	AGAP002691-PA	341	38.8	hypothetical protein|protein_coding|2R:25648410-25650430:-1|gene:AGAP002691	3.81	1	1
4459	AGAP002713-PA	186	21.5	hypothetical protein|protein_coding|2R:26054501-26055126:-1|gene:AGAP002713	9.68	1	1
4460	AGAP002718-PB	347	37.7	hypothetical protein|protein_coding|2R:26171532-26172659:-1|gene:AGAP002718	6.63	2	1
4461	AGAP002719-PA	1017	113.6	hypothetical protein|protein_coding|2R:26205131-26227733:1|gene:AGAP002719	2.26	1	1

4462	AGAP002732-PA	774	82.2	hypothetical protein|protein_coding|2R:26314514-26332411:1|gene:AGAP002732	0.78	1	1
4463	AGAP002741-PA	4925	519.3	hypothetical protein|protein_coding|2R:26448416-26563250:-1|gene:AGAP002741	0.16	2	1
4464	AGAP002755-PA	164	18.1	hypothetical protein|protein_coding|2R:26718999-26720105:-1|gene:AGAP002755	4.27	1	1
4465	AGAP002779-PA	570	63.9	hypothetical protein|protein_coding|2R:27051673-27053548:1|gene:AGAP002779	2.28	2	1
4466	AGAP002780-PA	126	14.8	hypothetical protein|protein_coding|2R:27053716-27054227:-1|gene:AGAP002780	11.11	1	1
4467	AGAP002793-PA	1451	162.4	hypothetical protein|protein_coding|2R:27529148-27628492:1|gene:AGAP002793	0.76	2	1
4468	AGAP002801-PA	329	37.3	hypothetical protein|protein_coding|2R:27656321-27657560:1|gene:AGAP002801	2.74	1	1
4469	AGAP002804-PA	151	16.0	hypothetical protein|protein_coding|2R:27809536-27810066:-1|gene:AGAP002804	9.27	3	1
4470	AGAP002805-PA	1049	119.6	hypothetical protein|protein_coding|2R:27845777-27849323:-1|gene:AGAP002805	1.43	1	1
4471	AGAP002822-PA	1163	128.6	hypothetical protein|protein_coding|2R:27979422-27983084:-1|gene:AGAP002822	1.46	1	1
4472	AGAP002826-PA	578	62.8	hypothetical protein|protein_coding|2R:28044383-28054399:1|gene:AGAP002826	3.29	11	1
4473	AGAP002832-PA	1085	121.7	hypothetical protein|protein_coding|2R:28092164-28099318:-1|gene:AGAP002832	2.3	1	1
4474	AGAP002836-PA	2256	255.2	hypothetical protein|protein_coding|2R:28193323-28200824:1|gene:AGAP002836	0.4	1	1
4475	AGAP002841-PB	250	28.3	hypothetical protein|protein_coding|2R:28217330-28218082:-1|gene:AGAP002841	2.8	1	1
4476	AGAP002867-PA	506	58.5	cytochrome P450|protein_coding|2R:28497087-28498674:-1|gene:AGAP002867	1.58	1	1
4477	AGAP002874-PA	860	97.2	hypothetical protein|protein_coding|2R:28545637-28549050:-1|gene:AGAP002874	1.86	4	1
4478	AGAP002875-PA	518	54.8	hypothetical protein|protein_coding|2R:28566552-28568601:1|gene:AGAP002875	1.16	4	1
4479	AGAP002883-PA	395	44.7	hypothetical protein|protein_coding|2R:28652177-28663610:-1|gene:AGAP002883	4.3	2	1

4480	AGAP002893-PA	164	18.9	hypothetical protein|protein_coding|2R:28977908-28978532:-1|gene:AGAP002893	21.34	1	1
4481	AGAP002902-PA	784	82.5	hypothetical protein|protein_coding|2R:29116843-29119970:1|gene:AGAP002902	2.42	2	1
4482	AGAP002915-PA	1479	161.0	hypothetical protein|protein_coding|2R:29304390-29399573:-1|gene:AGAP002915	0.88	1	1
4483	AGAP002922-PA	351	38.9	hypothetical protein|protein_coding|2R:29619898-29622127:-1|gene:AGAP002922	5.41	1	1
4484	AGAP002926-PA	334	37.0	hypothetical protein|protein_coding|2R:29684816-29686272:1|gene:AGAP002926	6.29	2	1
4485	AGAP002929-PA	845	92.9	hypothetical protein|protein_coding|2R:29819156-29821853:-1|gene:AGAP002929	1.3	1	1
4486	AGAP002940-PA	150	16.2	hypothetical protein|protein_coding|2R:29869280-29869815:1|gene:AGAP002940	9.33	1	1
4487	AGAP002942-PA	1726	181.8	hypothetical protein|protein_coding|2R:29878419-29985540:1|gene:AGAP002942	0.41	1	1
4488	AGAP002952-PB	158	17.2	hypothetical protein|protein_coding|2R:30062803-30063728:-1|gene:AGAP002952	7.59	1	1
4489	AGAP002957-PA	523	57.5	hypothetical protein|protein_coding|2R:30116799-30119162:-1|gene:AGAP002957	3.44	2	1
4490	AGAP002958-PA	516	55.0	hypothetical protein|protein_coding|2R:30121146-30124358:-1|gene:AGAP002958	3.29	2	1
4491	AGAP002960-PA	491	56.8	hypothetical protein|protein_coding|2R:30130647-30132122:-1|gene:AGAP002960	2.65	2	1
4492	AGAP002967-PA	1425	157.5	hypothetical protein|protein_coding|2R:30250912-30255649:1|gene:AGAP002967	0.77	1	1
4493	AGAP002970-PA	1019	117.1	hypothetical protein|protein_coding|2R:30260884-30265763:1|gene:AGAP002970	1.18	2	1
4494	AGAP002970-PB	444	50.3	hypothetical protein|protein_coding|2R:30263986-30265763:1|gene:AGAP002970	2.48	1	1
4495	AGAP002980-PA	243	27.3	hypothetical protein|protein_coding|2R:30512362-30513286:-1|gene:AGAP002980	2.88	2	1
4496	AGAP002981-PA	108	12.6	hypothetical protein|protein_coding|2R:30514494-30514890:1|gene:AGAP002981	10.19	1	1
4497	AGAP002986-PB	704	75.4	hypothetical protein|protein_coding|2R:30567784-30617886:-1|gene:AGAP002986	2.41	2	1

4498	AGAP002989-PA	194	21.0	hypothetical protein|protein_coding|2R:30631771-30633370:-1|gene:AGAP002989	11.86	1	1
4499	AGAP002992-PA	255	29.9	hypothetical protein|protein_coding|2R:30640200-30641115:1|gene:AGAP002992	6.67	1	1
4500	AGAP002997-PB	188	21.5	hypothetical protein|protein_coding|2R:30755778-30756441:-1|gene:AGAP002997	3.72	1	1
4501	AGAP002998-PA	1153	131.5	hypothetical protein|protein_coding|2R:30838810-30864874:1|gene:AGAP002998	1.3	1	1
4502	AGAP003004-PA	400	45.9	hypothetical protein|protein_coding|2R:30978462-30979823:1|gene:AGAP003004	2.25	1	1
4503	AGAP003010-PA	810	89.9	hypothetical protein|protein_coding|2R:31084129-31093710:-1|gene:AGAP003010	0.86	1	1
4504	AGAP003013-PA	2187	233.0	hypothetical protein|protein_coding|2R:31158130-31166515:-1|gene:AGAP003013	0.55	2	1
4505	AGAP003014-PA	431	48.1	hypothetical protein|protein_coding|2R:31171946-31175457:1|gene:AGAP003014	4.87	2	1
4506	AGAP003024-PB	263	29.8	hypothetical protein|protein_coding|2R:31231092-31231941:1|gene:AGAP003024	3.8	2	1
4507	AGAP003029-PA	914	101.2	hypothetical protein|protein_coding|2R:31248698-31252178:1|gene:AGAP003029	0.77	1	1
4508	AGAP003033-PA	1149	129.6	hypothetical protein|protein_coding|2R:31272670-31276279:1|gene:AGAP003033	0.87	1	1
4509	AGAP003034-PA	233	26.1	hypothetical protein|protein_coding|2R:31276522-31277301:-1|gene:AGAP003034	9.01	1	1
4510	AGAP003040-PA	863	96.0	hypothetical protein|protein_coding|2R:31368495-31371576:-1|gene:AGAP003040	2.78	1	1
4511	AGAP003057-PA	405	44.7	Clip-Domain Serine Protease, family B.|protein_coding|2R:31600361-31603581:-1|gene:AGAP003057	2.96	1	1
4512	AGAP003059-PA	635	70.2	hypothetical protein|protein_coding|2R:31689300-31793042:1|gene:AGAP003059	1.1	1	1
4513	AGAP003075-PB	258	27.5	hypothetical protein|protein_coding|2R:32136223-32136999:1|gene:AGAP003075	9.69	1	1
4514	AGAP003084-PA	1468	160.1	hypothetical protein|protein_coding|2R:32319954-32329681:-1|gene:AGAP003084	0.89	3	1
4515	AGAP003094-PA	268	29.0	hypothetical protein|protein_coding|2R:32416914-32417898:-1|gene:AGAP003094	5.22	4	1

4516	AGAP003096-PA	440	50.3	hypothetical protein|protein_coding|2R:32423196-32425071:1|gene:AGAP003096	1.59	1	1
4517	AGAP003111-PA	910	101.9	hypothetical protein|protein_coding|2R:32505726-32508690:1|gene:AGAP003111	1.76	2	1
4518	AGAP003115-PA	1001	109.5	hypothetical protein|protein_coding|2R:32677888-32742956:1|gene:AGAP003115	0.9	3	1
4519	AGAP003116-PA	149	16.5	hypothetical protein|protein_coding|2R:32760653-32761184:1|gene:AGAP003116	12.08	9	1
4520	AGAP003121-PA	553	62.0	hypothetical protein|protein_coding|2R:32904582-32914044:-1|gene:AGAP003121	2.35	1	1
4521	AGAP003129-PA	448	49.2	hypothetical protein|protein_coding|2R:33005021-33006479:-1|gene:AGAP003129	3.13	1	1
4522	AGAP003132-PA	406	45.8	hypothetical protein|protein_coding|2R:33107945-33109165:-1|gene:AGAP003132	2.71	2	1
4523	AGAP003138-PA	1208	134.1	hypothetical protein|protein_coding|2R:33133276-33146593:1|gene:AGAP003138	0.66	1	1
4524	AGAP003140-PA	2790	313.5	hypothetical protein|protein_coding|2R:33159856-33179678:1|gene:AGAP003140	0.29	2	1
4525	AGAP003146-PA	658	74.1	hypothetical protein|protein_coding|2R:33352080-33354820:-1|gene:AGAP003146	2.13	1	1
4526	AGAP003156-PA	970	108.7	hypothetical protein|protein_coding|2R:33394891-33397985:1|gene:AGAP003156	2.06	1	1
4527	AGAP003166-PA	1584	182.1	hypothetical protein|protein_coding|2R:33491778-33497479:-1|gene:AGAP003166	0.57	1	1
4528	AGAP003176-PA	570	61.8	hypothetical protein|protein_coding|2R:33566893-33570856:-1|gene:AGAP003176	1.58	1	1
4529	AGAP003187-PA	1484	167.6	hypothetical protein|protein_coding|2R:33669739-33686808:1|gene:AGAP003187	1.01	2	1
4530	AGAP003190-PA	1290	144.0	hypothetical protein|protein_coding|2R:33728250-33734102:1|gene:AGAP003190	0.78	3	1
4531	AGAP003193-PA	303	34.2	hypothetical protein|protein_coding|2R:33743946-33744857:1|gene:AGAP003193	2.97	3	1
4532	AGAP003201-PA	601	69.4	hypothetical protein|protein_coding|2R:33788817-33791392:-1|gene:AGAP003201	2.66	1	1
4533	AGAP003205-PA	687	74.1	hypothetical protein|protein_coding|2R:33825723-33828016:-1|gene:AGAP003205	1.75	9	1

4534	AGAP003213-PA	778	85.9	hypothetical protein|protein_coding|2R:33991673-33994171:1|gene:AGAP003213	1.16	1	1
4535	AGAP003217-PA	150	17.3	hypothetical protein|protein_coding|2R:33999993-34000527:1|gene:AGAP003217	11.33	2	1
4536	AGAP003224-PA	486	54.9	hypothetical protein|protein_coding|2R:34032126-34033836:-1|gene:AGAP003224	1.65	1	1
4537	AGAP003232-PA	1024	112.7	hypothetical protein|protein_coding|2R:34060555-34065070:1|gene:AGAP003232	1.37	2	1
4538	AGAP003236-PA	441	51.0	hypothetical protein|protein_coding|2R:34315955-34317349:1|gene:AGAP003236	4.76	2	1
4539	AGAP003239-PA	284	32.4	hypothetical protein|protein_coding|2R:34372119-34373175:1|gene:AGAP003239	7.39	1	1
4540	AGAP003240-PA	197	23.2	hypothetical protein|protein_coding|2R:34374231-34376001:1|gene:AGAP003240	8.12	1	1
4541	AGAP003242-PA	678	73.3	hypothetical protein|protein_coding|2R:34392261-34394434:-1|gene:AGAP003242	1.62	1	1
4542	AGAP003244-PB	473	52.5	putative growth hormone releasing hormone receptor 2|protein_coding|2R:34405986-34429426:-1|gene:AGAP003244	1.9	1	1
4543	AGAP003251-PA	372	40.9	Clip-Domain Serine Protease, family B.|protein_coding|2R:34475867-34477216:1|gene:AGAP003251	3.76	2	1
4544	AGAP003255-PA	410	47.7	gustatory receptor|protein_coding|2R:34490489-34492051:-1|gene:AGAP003255	1.46	2	1
4545	AGAP003266-PA	591	66.7	hypothetical protein|protein_coding|2R:34608585-34611023:1|gene:AGAP003266	1.02	1	1
4546	AGAP003269-PA	299	33.4	diueretic hormone 44|protein_coding|2R:34727647-34736589:1|gene:AGAP003269	10.03	1	1
4547	AGAP003273-PA	522	57.4	hypothetical protein|protein_coding|2R:34771377-34773314:1|gene:AGAP003273	1.72	4	1
4548	AGAP003276-PA	1212	140.5	hypothetical protein|protein_coding|2R:34787272-34792086:-1|gene:AGAP003276	0.66	3	1
4549	AGAP003278-PA	288	33.0	hypothetical protein|protein_coding|2R:34796180-34797120:1|gene:AGAP003278	3.47	1	1
4550	AGAP003282-PA	2137	227.3	hypothetical protein|protein_coding|2R:34856256-34864049:1|gene:AGAP003282	0.42	7	1
4551	AGAP003283-PA	1348	149.1	hypothetical protein|protein_coding|2R:34877570-34916668:-1|gene:AGAP003283	0.96	1	1

4552	AGAP003289-PA	318	36.0	hypothetical protein|protein_coding|2R:35082721-35085003:1|gene:AGAP003289	5.03	4	1
4553	AGAP003292-PA	565	62.9	hypothetical protein|protein_coding|2R:35186927-35189617:1|gene:AGAP003292	1.06	1	1
4554	AGAP003295-PA	381	41.9	hypothetical protein|protein_coding|2R:35197873-35199091:-1|gene:AGAP003295	2.36	2	1
4555	AGAP003320-PA	1725	189.9	hypothetical protein|protein_coding|2R:35954996-35960390:1|gene:AGAP003320	0.52	1	1
4556	AGAP003327-PA	587	68.0	hypothetical protein|protein_coding|2R:35998660-36020065:1|gene:AGAP003327	1.53	2	1
4557	AGAP003350-PA	649	71.5	hypothetical protein|protein_coding|2R:36472074-36474141:1|gene:AGAP003350	2.93	1	1
4558	AGAP003364-PA	618	68.8	hypothetical protein|protein_coding|2R:36854069-36856132:-1|gene:AGAP003364	1.46	1	1
4559	AGAP003366-PA	2205	243.5	hypothetical protein|protein_coding|2R:36878393-36890038:-1|gene:AGAP003366	0.63	1	1
4560	AGAP003371-PA	558	62.8	hypothetical protein|protein_coding|2R:36919706-36923244:1|gene:AGAP003371	2.69	1	1
4561	AGAP003373-PA	476	54.1	Class B Scavenger Receptor (CD36 domain). NB: previously described as SCRB13, and BQ4.|protein_coding|2R:37092648-37095419:-1|gene:AGAP003373	2.52	2	1
4562	AGAP003374-PA	1361	151.7	hypothetical protein|protein_coding|2R:37121661-37130778:-1|gene:AGAP003374	0.88	1	1
4563	AGAP003389-PA	885	98.9	hypothetical protein|protein_coding|2R:37230093-37233259:-1|gene:AGAP003389	1.81	1	1
4564	AGAP003400-PA	545	61.1	hypothetical protein|protein_coding|2R:37363247-37399815:1|gene:AGAP003400	3.12	3	1
4565	AGAP003410-PA	212	24.6	hypothetical protein|protein_coding|2R:37458943-37459652:1|gene:AGAP003410	2.83	1	1
4566	AGAP003421-PA	92	9.7	hypothetical protein|protein_coding|2R:37514024-37514470:1|gene:AGAP003421	10.87	1	1
4567	AGAP003430-PA	324	35.0	hypothetical protein|protein_coding|2R:37684925-37686274:-1|gene:AGAP003430	5.86	2	1
4568	AGAP003433-PA	265	29.9	hypothetical protein|protein_coding|2R:37701846-37702790:1|gene:AGAP003433	2.64	1	1
4569	AGAP003439-PF	541	59.5	hypothetical protein|protein_coding|2R:37731677-37762416:-1|gene:AGAP003439	1.48	1	1

4570	AGAP003439-PH	534	58.4	hypothetical protein|protein_coding|2R:37732454-37762416:-1|gene:AGAP003439	1.87	1	1
4571	AGAP003453-PA	592	66.2	hypothetical protein|protein_coding|2R:37877509-37879287:1|gene:AGAP003453	3.04	1	1
4572	AGAP003454-PA	434	49.0	hypothetical protein|protein_coding|2R:37884077-37886352:1|gene:AGAP003454	3.69	1	1
4573	AGAP003460-PA	383	44.5	hypothetical protein|protein_coding|2R:37940831-37942060:1|gene:AGAP003460	4.18	2	1
4574	AGAP003479-PA	951	106.1	hypothetical protein|protein_coding|2R:38394920-38407147:1|gene:AGAP003479	2.1	1	1
4575	AGAP003485-PA	215	24.9	hypothetical protein|protein_coding|2R:38587176-38587905:-1|gene:AGAP003485	4.19	1	1
4576	AGAP003489-PA	3985	445.5	hypothetical protein|protein_coding|2R:38602780-38617316:-1|gene:AGAP003489	0.2	1	1
4577	AGAP003509-PD	128	15.1	hypothetical protein|protein_coding|2R:38808212-38851276:-1|gene:AGAP003509	14.84	2	1
4578	AGAP003522-PA	507	58.0	hypothetical protein|protein_coding|2R:39114169-39115765:1|gene:AGAP003522	3.35	3	1
4579	AGAP003526-PA	1104	125.8	hypothetical protein|protein_coding|2R:39141471-39144993:-1|gene:AGAP003526	1.81	1	1
4580	AGAP003536-PA	290	31.6	hypothetical protein|protein_coding|2R:39218389-39219335:-1|gene:AGAP003536	5.52	2	1
4581	AGAP003540-PA	1515	172.7	hypothetical protein|protein_coding|2R:39337400-39342243:1|gene:AGAP003540	0.59	1	1
4582	AGAP003543-PA	179	20.4	hypothetical protein|protein_coding|2R:39357599-39358216:1|gene:AGAP003543	8.94	1	1
4583	AGAP003546-PB	1409	151.2	hypothetical protein|protein_coding|2R:39402895-39416970:1|gene:AGAP003546	0.5	1	1
4584	AGAP003550-PA	2755	302.8	hypothetical protein|protein_coding|2R:39437188-39445812:-1|gene:AGAP003550	0.25	1	1
4585	AGAP003551-PA	440	50.3	hypothetical protein|protein_coding|2R:39447577-39449050:1|gene:AGAP003551	4.55	1	1
4586	AGAP003552-PA	391	44.2	hypothetical protein|protein_coding|2R:39449341-39450589:1|gene:AGAP003552	4.6	1	1
4587	AGAP003555-PA	451	52.8	hypothetical protein|protein_coding|2R:39454016-39455498:-1|gene:AGAP003555	2.66	1	1

4588	AGAP003567-PA	90	9.3	hypothetical protein|protein_coding|2R:39543252-39543746:-1|gene:AGAP003567	22.22	2	1
4589	AGAP003568-PA	959	104.3	hypothetical protein|protein_coding|2R:39696147-39718271:-1|gene:AGAP003568	1.77	1	1
4590	AGAP003570-PA	1381	149.9	hypothetical protein|protein_coding|2R:39731585-39742272:1|gene:AGAP003570	0.94	2	1
4591	AGAP003571-PC	473	50.9	hypothetical protein|protein_coding|2R:39766029-39770739:1|gene:AGAP003571	2.54	1	1
4592	AGAP003575-PA	513	59.7	hypothetical protein|protein_coding|2R:40084706-40086456:-1|gene:AGAP003575	2.73	1	1
4593	AGAP003579-PA	2019	223.0	hypothetical protein|protein_coding|2R:40172480-40210242:-1|gene:AGAP003579	0.64	1	1
4594	AGAP003583-PA	363	38.5	hypothetical protein|protein_coding|2R:40339671-40340828:-1|gene:AGAP003583	5.23	1	1
4595	AGAP003594-PA	504	59.1	hypothetical protein|protein_coding|2R:40375381-40376985:1|gene:AGAP003594	1.59	1	1
4596	AGAP003596-PA	638	74.2	hypothetical protein|protein_coding|2R:40388985-40391184:1|gene:AGAP003596	2.35	2	1
4597	AGAP003605-PA	766	89.4	hypothetical protein|protein_coding|2R:40463604-40466823:1|gene:AGAP003605	1.83	2	1
4598	AGAP003616-PA	2433	267.9	hypothetical protein|protein_coding|2R:40555619-40564539:1|gene:AGAP003616	0.25	1	1
4599	AGAP003619-PA	1865	213.3	hypothetical protein|protein_coding|2R:40577597-40585729:1|gene:AGAP003619	0.75	1	1
4600	AGAP003621-PA	208	24.6	hypothetical protein|protein_coding|2R:40592296-40593043:1|gene:AGAP003621	11.06	2	1
4601	AGAP003622-PA	415	45.6	hypothetical protein|protein_coding|2R:40593252-40594499:-1|gene:AGAP003622	3.13	1	1
4602	AGAP003641-PA	328	37.2	hypothetical protein|protein_coding|2R:40894010-40895072:1|gene:AGAP003641	2.44	2	1
4603	AGAP003649-PA	235	24.6	hypothetical protein|protein_coding|2R:40973117-40974794:-1|gene:AGAP003649	10.21	1	1
4604	AGAP003662-PB	194	21.7	hypothetical protein|protein_coding|2R:41320902-41324268:-1|gene:AGAP003662	8.25	2	1
4605	AGAP003664-PA	311	35.5	hypothetical protein|protein_coding|2R:41338806-41339827:-1|gene:AGAP003664	3.54	2	1

4606	AGAP003669-PA	373	39.5	hypothetical protein|protein_coding|2R:41467355-41486271:1|gene:AGAP003669	2.14	1	1
4607	AGAP003672-PA	527	56.3	hypothetical protein|protein_coding|2R:41704669-41731909:1|gene:AGAP003672	2.28	1	1
4608	AGAP003681-PA	2922	329.5	hypothetical protein|protein_coding|2R:41921109-41930537:1|gene:AGAP003681	0.24	1	1
4609	AGAP003688-PA	386	41.9	hypothetical protein|protein_coding|2R:42038950-42041358:-1|gene:AGAP003688	3.63	2	1
4610	AGAP003701-PA	162	19.1	hypothetical protein|protein_coding|2R:42134464-42134952:-1|gene:AGAP003701	8.64	2	1
4611	AGAP003703-PA	2184	254.1	hypothetical protein|protein_coding|2R:42175154-42182118:1|gene:AGAP003703	0.41	1	1
4612	AGAP003705-PB	347	39.4	hypothetical protein|protein_coding|2R:42205724-42207017:1|gene:AGAP003705	4.03	1	1
4613	AGAP003707-PA	82	9.6	hypothetical protein|protein_coding|2R:42208564-42208812:1|gene:AGAP003707	21.95	1	1
4614	AGAP003712-PA	207	23.0	allatostatin 1|protein_coding|2R:42303482-42304251:-1|gene:AGAP003712	4.83	2	1
4615	AGAP003723-PA	332	37.4	hypothetical protein|protein_coding|2R:42436354-42437508:-1|gene:AGAP003723	2.41	5	1
4616	AGAP003728-PA	278	30.9	hypothetical protein|protein_coding|2R:42629818-42630788:1|gene:AGAP003728	7.91	2	1
4617	AGAP003731-PA	230	25.8	hypothetical protein|protein_coding|2R:42641815-42642644:1|gene:AGAP003731	5.22	1	1
4618	AGAP003737-PA	300	34.2	hypothetical protein|protein_coding|2R:42767523-42768498:-1|gene:AGAP003737	2.67	1	1
4619	AGAP003751-PA	721	78.8	hypothetical protein|protein_coding|2R:42903581-42933233:1|gene:AGAP003751	2.5	1	1
4620	AGAP003754-PA	416	46.1	hypothetical protein|protein_coding|2R:43010882-43018390:-1|gene:AGAP003754	1.92	2	1
4621	AGAP003793-PA	789	87.7	hypothetical protein|protein_coding|2R:43358250-43360760:1|gene:AGAP003793	1.52	3	1
4622	AGAP003803-PA	1859	202.8	hypothetical protein|protein_coding|2R:43468138-43474130:1|gene:AGAP003803	0.65	1	1
4623	AGAP003808-PA	243	28.3	hypothetical protein|protein_coding|2R:43705627-43706766:-1|gene:AGAP003808	4.53	1	1
4624	AGAP003811-PA	237	28.4	hypothetical protein|protein_coding|2R:43722011-43722806:1|gene:AGAP003811	5.06	1	1

4625	AGAP003819-PA	190	21.3	hypothetical protein|protein_coding|2R:43755587-43756238:1|gene:AGAP003819	10	6	1
4626	AGAP003823-PB	814	89.1	hypothetical protein|protein_coding|2R:43777316-43794114:1|gene:AGAP003823	2.21	1	1
4627	AGAP003833-PA	578	65.3	hypothetical protein|protein_coding|2R:44222451-44224187:1|gene:AGAP003833	2.77	2	1
4628	AGAP003845-PA	980	107.1	hypothetical protein|protein_coding|2R:44341108-44344050:1|gene:AGAP003845	0.92	1	1
4629	AGAP003854-PA	959	106.3	hypothetical protein|protein_coding|2R:44570636-44579089:-1|gene:AGAP003854	1.36	1	1
4630	AGAP003857-PA	151	17.2	hypothetical protein|protein_coding|2R:44646270-44649244:1|gene:AGAP003857	11.26	1	1
4631	AGAP003861-PA	232	26.7	hypothetical protein|protein_coding|2R:44676822-44677589:1|gene:AGAP003861	9.05	2	1
4632	AGAP003867-PA	243	26.6	hypothetical protein|protein_coding|2R:44698725-44699730:1|gene:AGAP003867	5.35	4	1
4633	AGAP003872-PA	3145	336.9	hypothetical protein|protein_coding|2R:44847770-44860440:1|gene:AGAP003872	0.22	1	1
4634	AGAP003873-PA	2118	229.1	hypothetical protein|protein_coding|2R:44864356-44878176:-1|gene:AGAP003873	0.76	1	1
4635	AGAP003883-PA	171	18.2	hypothetical protein|protein_coding|2R:45498177-45498769:-1|gene:AGAP003883	12.28	1	1
4636	AGAP003886-PB	602	66.3	hypothetical protein|protein_coding|2R:45544991-45547532:-1|gene:AGAP003886	1.5	1	1
4637	AGAP003890-PA	313	36.2	hypothetical protein|protein_coding|2R:45611157-45612098:-1|gene:AGAP003890	1.92	1	1
4638	AGAP003891-PA	322	35.8	hypothetical protein|protein_coding|2R:45613955-45614995:-1|gene:AGAP003891	3.42	1	1
4639	AGAP003898-PA	484	56.4	hypothetical protein|protein_coding|2R:45699795-45701639:1|gene:AGAP003898	2.07	1	1
4640	AGAP003899-PB	280	31.3	hypothetical protein|protein_coding|2R:45711485-45714279:-1|gene:AGAP003899	9.29	1	1
4641	AGAP003902-PA	585	66.2	hypothetical protein|protein_coding|2R:45766001-45767992:-1|gene:AGAP003902	1.37	1	1
4642	AGAP003914-PA	869	91.0	hypothetical protein|protein_coding|2R:46108229-46164772:-1|gene:AGAP003914	2.07	1	1

4643	AGAP003921-PA	1842	211.6	hypothetical protein|protein_coding|2R:46268523-46284492:-1|gene:AGAP003921	0.98	2	1
4644	AGAP003924-PA	1360	152.5	hypothetical protein|protein_coding|2R:46301006-46315518:-1|gene:AGAP003924	1.4	1	1
4645	AGAP003927-PA	158	18.4	hypothetical protein|protein_coding|2R:46365756-46366232:1|gene:AGAP003927	8.86	2	1
4646	AGAP003938-PB	189	21.5	hypothetical protein|protein_coding|2R:46555362-46556458:-1|gene:AGAP003938	7.94	1	1
4647	AGAP003967-PA	4191	475.5	hypothetical protein|protein_coding|2R:47212045-47227325:-1|gene:AGAP003967	0.26	1	1
4648	AGAP003970-PA	951	105.4	hypothetical protein|protein_coding|2R:47232681-47235974:1|gene:AGAP003970	1.05	1	1
4649	AGAP003971-PA	263	28.2	hypothetical protein|protein_coding|2R:47284629-47286708:-1|gene:AGAP003971	7.6	2	1
4650	AGAP003986-PB	1143	123.1	hypothetical protein|protein_coding|2R:47507141-47542532:1|gene:AGAP003986	0.52	1	1
4651	AGAP003988-PA	81	9.5	hypothetical protein|protein_coding|2R:47548498-47548880:-1|gene:AGAP003988	16.05	1	1
4652	AGAP004000-PA	2647	285.7	hypothetical protein|protein_coding|2R:47747417-47773796:-1|gene:AGAP004000	0.72	1	1
4653	AGAP004017-PA	359	40.8	hypothetical protein|protein_coding|2R:47883367-47884521:-1|gene:AGAP004017	3.34	1	1
4654	AGAP004039-PB	2195	239.8	hypothetical protein|protein_coding|2R:48305176-48341097:1|gene:AGAP004039	1.18	1	1
4655	AGAP004062-PA	1125	124.2	hypothetical protein|protein_coding|2R:49271372-49275129:-1|gene:AGAP004062	0.53	2	1
4656	AGAP004064-PA	435	48.0	hypothetical protein|protein_coding|2R:49281418-49282808:1|gene:AGAP004064	3.91	1	1
4657	AGAP004068-PA	523	55.3	hypothetical protein|protein_coding|2R:49448581-49460589:1|gene:AGAP004068	2.29	1	1
4658	AGAP004078-PB	581	68.2	hypothetical protein|protein_coding|2R:49503353-49505466:-1|gene:AGAP004078	2.41	1	1
4659	AGAP004082-PA	704	78.6	hypothetical protein|protein_coding|2R:49518229-49520422:1|gene:AGAP004082	0.99	1	1
4660	AGAP004104-PA	581	65.4	hypothetical protein|protein_coding|2R:49770554-49772881:-1|gene:AGAP004104	2.07	2	1

4661	AGAP004107-PA	588	66.5	hypothetical protein|protein_coding|2R:49938996-49964354:-1|gene:AGAP004107	2.04	2	1
4662	AGAP004113-PA	113	13.0	hypothetical protein|protein_coding|2R:50162402-50162807:-1|gene:AGAP004113	14.16	2	1
4663	AGAP004114-PA	387	44.5	gustatory receptor|protein_coding|2R:50166367-50167681:1|gene:AGAP004114	2.33	1	1
4664	AGAP004125-PA	369	41.1	hypothetical protein|protein_coding|2R:50398489-50399671:1|gene:AGAP004125	3.79	2	1
4665	AGAP004128-PA	282	29.8	hypothetical protein|protein_coding|2R:50448638-50449565:1|gene:AGAP004128	6.38	2	1
4666	AGAP004132-PA	610	67.4	hypothetical protein|protein_coding|2R:50579082-50585938:1|gene:AGAP004132	2.13	1	1
4667	AGAP004144-PA	3686	417.2	hypothetical protein|protein_coding|2R:50718580-50730810:-1|gene:AGAP004144	0.35	1	1
4668	AGAP004145-PA	210	23.5	hypothetical protein|protein_coding|2R:50731920-50732716:-1|gene:AGAP004145	6.19	2	1
4669	AGAP004152-PA	1012	117.4	hypothetical protein|protein_coding|2R:50773999-50777275:-1|gene:AGAP004152	0.89	1	1
4670	AGAP004154-PA	1370	144.1	hypothetical protein|protein_coding|2R:50783403-50862651:-1|gene:AGAP004154	0.44	1	1
4671	AGAP004158-PA	248	27.9	hypothetical protein|protein_coding|2R:50946609-50947422:1|gene:AGAP004158	9.68	2	1
4672	AGAP004174-PA	326	37.2	hypothetical protein|protein_coding|2R:51223750-51224730:1|gene:AGAP004174	1.84	1	1
4673	AGAP004181-PA	821	87.8	hypothetical protein|protein_coding|2R:51318797-51372141:-1|gene:AGAP004181	0.73	1	1
4674	AGAP004182-PA	931	101.5	hypothetical protein|protein_coding|2R:51384752-51387669:1|gene:AGAP004182	0.75	1	1
4675	AGAP004184-PA	392	41.9	hypothetical protein|protein_coding|2R:51446251-51449296:-1|gene:AGAP004184	2.04	3	1
4676	AGAP004189-PA	371	40.3	hypothetical protein|protein_coding|2R:51619882-51621174:1|gene:AGAP004189	4.58	1	1
4677	AGAP004203-PA	2051	239.3	hypothetical protein|protein_coding|2R:51786059-51792387:1|gene:AGAP004203	0.29	1	1
4678	AGAP004207-PA	678	77.3	hypothetical protein|protein_coding|2R:51863828-51866183:-1|gene:AGAP004207	0.88	2	1

4679	AGAP004213-PA	134	14.6	hypothetical protein|protein_coding|2R:51943625-51944155:-1|gene:AGAP004213	6.72	2	1
4680	AGAP004225-PA	242	27.8	hypothetical protein|protein_coding|2R:52184792-52187534:1|gene:AGAP004225	6.61	2	1
4681	AGAP004226-PB	387	44.2	hypothetical protein|protein_coding|2R:52187803-52189450:-1|gene:AGAP004226	5.94	3	1
4682	AGAP004239-PA	575	66.9	hypothetical protein|protein_coding|2R:52970000-52972288:1|gene:AGAP004239	3.83	4	1
4683	AGAP004242-PA	335	38.2	hypothetical protein|protein_coding|2R:52976439-52977446:-1|gene:AGAP004242	5.07	1	1
4684	AGAP004244-PA	1710	185.1	hypothetical protein|protein_coding|2R:53101973-53127099:1|gene:AGAP004244	0.47	1	1
4685	AGAP004249-PA	1514	162.3	hypothetical protein|protein_coding|2R:53250633-53257346:1|gene:AGAP004249	0.46	3	1
4686	AGAP004267-PA	399	46.3	CAP10 family protein AGAP004267 Precursor|protein_coding|2R:53497657-53498932:1|gene:AGAP004267	1.5	1	1
4687	AGAP004283-PA	157	18.3	hypothetical protein|protein_coding|2R:53867369-53872665:-1|gene:AGAP004283	12.1	1	1
4688	AGAP004289-PA	91	10.1	Molybdopterin synthase sulfur carrier subunit (Sulfur carrier protein MOCS2A)(Molybdenum cofactor synthesis protein 2A)(MOCS2A)(Molybdenum cofactor synthesis protein 2 small subunit)|protein_coding|2R:54125049-54125324:1|gene:AGAP004289	8.79	1	1
4689	AGAP004293-PA	199	22.8	hypothetical protein|protein_coding|2R:54137939-54140592:1|gene:AGAP004293	3.52	1	1
4690	AGAP004296-PA	96	10.9	hypothetical protein|protein_coding|2R:54159195-54159626:-1|gene:AGAP004296	25	1	1
4691	AGAP004297-PB	341	38.7	hypothetical protein|protein_coding|2R:54160829-54161957:1|gene:AGAP004297	3.23	2	1
4692	AGAP004299-PA	407	44.6	hypothetical protein|protein_coding|2R:54192916-54194215:-1|gene:AGAP004299	2.95	18	1
4693	AGAP004301-PA	345	39.1	hypothetical protein|protein_coding|2R:54204358-54205615:-1|gene:AGAP004301	3.19	1	1
4694	AGAP004302-PA	1665	184.1	hypothetical protein|protein_coding|2R:54237853-54242938:1|gene:AGAP004302	0.48	2	1
4695	AGAP004307-PB	189	21.9	hypothetical protein|protein_coding|2R:54320170-54320886:-1|gene:AGAP004307	3.7	1	1

4696	AGAP004310-PA	2253	241.3	hypothetical protein|protein_coding|2R:54360758-54368022:1|gene:AGAP004310	0.62	1	1
4697	AGAP004314-PA	373	41.8	hypothetical protein|protein_coding|2R:54386562-54387895:-1|gene:AGAP004314	3.22	2	1
4698	AGAP004329-PA	115	12.8	hypothetical protein|protein_coding|2R:54653810-54654219:1|gene:AGAP004329	11.3	2	1
4699	AGAP004332-PA	394	45.6	hypothetical protein|protein_coding|2R:54681312-54683023:-1|gene:AGAP004332	3.05	1	1
4700	AGAP004337-PA	528	59.1	hypothetical protein|protein_coding|2R:54822720-54824449:-1|gene:AGAP004337	4.92	2	1
4701	AGAP004341-PA	1091	116.5	hypothetical protein|protein_coding|2R:54846497-54876951:-1|gene:AGAP004341	1.74	2	1
4702	AGAP004345-PA	1544	164.6	hypothetical protein|protein_coding|2R:54921683-54927016:-1|gene:AGAP004345	2.01	1	1
4703	AGAP004367-PA	2699	285.1	hypothetical protein|protein_coding|2R:55097834-55106555:-1|gene:AGAP004367	0.96	1	1
4704	AGAP004370-PA	112	12.8	hypothetical protein|protein_coding|2R:55365431-55365931:1|gene:AGAP004370	25	1	1
4705	AGAP004383-PA	211	24.2	glutathione transferase|protein_coding|2R:55513083-55513812:-1|gene:AGAP004383	4.74	1	1
4706	AGAP004399-PB	252	28.9	hypothetical protein|protein_coding|2R:55667194-55669032:-1|gene:AGAP004399	4.37	2	1
4707	AGAP004400-PB	69	7.4	hypothetical protein|protein_coding|2R:55672938-55673356:-1|gene:AGAP004400	33.33	1	1
4708	AGAP004411-PA	1119	122.2	hypothetical protein|protein_coding|2R:55838252-55843476:-1|gene:AGAP004411	1.07	2	1
4709	AGAP004414-PA	390	42.7	hypothetical protein|protein_coding|2R:55848867-55850116:1|gene:AGAP004414	3.33	2	1
4710	AGAP004416-PA	200	22.7	hypothetical protein|protein_coding|2R:55850651-55851333:1|gene:AGAP004416	5.5	1	1
4711	AGAP004419-PA	567	64.0	hypothetical protein|protein_coding|2R:55855606-55857520:1|gene:AGAP004419	1.59	2	1
4712	AGAP004427-PA	404	46.7	hypothetical protein|protein_coding|2R:55923732-55925465:1|gene:AGAP004427	1.24	1	1
4713	AGAP004466-PA	873	97.2	hypothetical protein|protein_coding|2R:56719207-56722397:-1|gene:AGAP004466	1.26	2	1

4714	AGAP004467-PA	685	78.9	hypothetical protein|protein_coding|2R:56722860-56725057:1|gene:AGAP004467	1.61	3	1
4715	AGAP004475-PA	450	51.4	hypothetical protein|protein_coding|2R:56750410-56751832:1|gene:AGAP004475	1.11	12	1
4716	AGAP004477-PA	857	98.9	hypothetical protein|protein_coding|2R:56786097-56788908:-1|gene:AGAP004477	1.75	2	1
4717	AGAP004478-PA	197	22.6	hypothetical protein|protein_coding|2R:56789322-56789915:-1|gene:AGAP004478	6.6	1	1
4718	AGAP004480-PA	357	39.7	hypothetical protein|protein_coding|2R:56794127-56795526:1|gene:AGAP004480	3.64	1	1
4719	AGAP004481-PA	215	25.4	hypothetical protein|protein_coding|2R:56795551-56796198:-1|gene:AGAP004481	9.77	1	1
4720	AGAP004496-PA	180	20.1	hypothetical protein|protein_coding|2R:57072216-57072901:1|gene:AGAP004496	9.44	4	1
4721	AGAP004507-PA	2046	230.0	hypothetical protein|protein_coding|2R:57163343-57214591:-1|gene:AGAP004507	0.54	2	1
4722	AGAP004522-PA	510	57.5	hypothetical protein|protein_coding|2R:57346700-57348660:1|gene:AGAP004522	1.96	2	1
4723	AGAP004543-PA	245	27.8	hypothetical protein|protein_coding|2R:57477771-57478644:-1|gene:AGAP004543	8.16	1	1
4724	AGAP004557-PA	924	103.1	hypothetical protein|protein_coding|2R:57589244-57592098:-1|gene:AGAP004557	1.41	2	1
4725	AGAP004558-PA	580	66.0	hypothetical protein|protein_coding|2R:57592690-57594432:1|gene:AGAP004558	3.62	2	1
4726	AGAP004584-PA	750	84.2	hypothetical protein|protein_coding|2R:57980852-57983104:-1|gene:AGAP004584	2.67	3	1
4727	AGAP004586-PB	201	22.8	hypothetical protein|protein_coding|2R:58116466-58117235:-1|gene:AGAP004586	4.98	1	1
4728	AGAP004588-PA	665	75.6	hypothetical protein|protein_coding|2R:58123048-58125211:1|gene:AGAP004588	1.05	1	1
4729	AGAP004591-PA	392	44.3	hypothetical protein|protein_coding|2R:58131358-58132688:1|gene:AGAP004591	3.57	2	1
4730	AGAP004595-PA	1333	147.6	putative GABA-B receptor 2|protein_coding|2R:58230212-58238127:1|gene:AGAP004595	0.75	2	1
4731	AGAP004597-PA	183	21.2	hypothetical protein|protein_coding|2R:58257364-58257988:1|gene:AGAP004597	8.2	2	1

4732	AGAP004600-PA	1011	113.4	hypothetical protein|protein_coding|2R:58299669-58308241:-1|gene:AGAP004600	1.38	1	1
4733	AGAP004603-PA	1406	157.8	hypothetical protein|protein_coding|2R:58318792-58323306:-1|gene:AGAP004603	0.78	1	1
4734	AGAP004604-PA	245	27.2	hypothetical protein|protein_coding|2R:58294035-58328723:1|gene:AGAP004604	4.49	4	1
4735	AGAP004605-PA	361	40.8	hypothetical protein|protein_coding|2R:58336575-58337712:-1|gene:AGAP004605	8.86	1	1
4736	AGAP004615-PA	2219	253.9	hypothetical protein|protein_coding|2R:58508047-58514841:1|gene:AGAP004615	0.27	1	1
4737	AGAP004618-PA	231	26.9	hypothetical protein|protein_coding|2R:58541056-58541751:-1|gene:AGAP004618	4.76	3	1
4738	AGAP004624-PA	578	65.6	hypothetical protein|protein_coding|2R:58628897-58630633:1|gene:AGAP004624	2.25	1	1
4739	AGAP004656-PA	1259	142.1	hypothetical protein|protein_coding|2R:59563795-59567648:-1|gene:AGAP004656	0.56	1	1
4740	AGAP004657-PA	180	18.9	hypothetical protein|protein_coding|2R:59570835-59571446:1|gene:AGAP004657	5	1	1
4741	AGAP004667-PA	848	98.3	hypothetical protein|protein_coding|2R:60770940-60780286:-1|gene:AGAP004667	0.83	1	1
4742	AGAP004670-PA	1462	161.1	hypothetical protein|protein_coding|2R:60847082-60876042:-1|gene:AGAP004670	0.82	3	1
4743	AGAP004674-PA	335	36.3	hypothetical protein|protein_coding|2R:61303714-61306139:-1|gene:AGAP004674	4.18	1	1
4744	AGAP004675-PA	582	65.4	putative muscarinic acetylcholine receptor 2|protein_coding|2R:61414929-61417946:1|gene:AGAP004675	1.03	1	1
4745	AGAP004675-PB	975	108.5	putative muscarinic acetylcholine receptor 2|protein_coding|2R:61414929-61417946:1|gene:AGAP004675	1.74	8	1
4746	AGAP004678-PA	344	40.0	hypothetical protein|protein_coding|2L:203866-204956:1|gene:AGAP004678	2.33	1	1
4747	AGAP004682-PA	549	63.1	hypothetical protein|protein_coding|2L:433503-461082:-1|gene:AGAP004682	5.1	2	1
4748	AGAP004690-PA	137	14.3	cuticular protein 3 from fifty-one aa family|protein_coding|2L:1133189-1133669:-1|gene:AGAP004690	25.55	4	1
4749	AGAP004691-PA	618	64.3	hypothetical protein|protein_coding|2L:1272628-1290444:-1|gene:AGAP004691	1.62	1	1

4750	AGAP004699-PA	667	76.3	hypothetical protein|protein_coding|2L:1974042-1976357:1|gene:AGAP004699	2.4	1	1
4751	AGAP004707-PB	2092	234.5	hypothetical protein|protein_coding|2L:2358158-2431617:1|gene:AGAP004707	0.67	2	1
4752	AGAP004709-PA	172	20.0	hypothetical protein|protein_coding|2L:2482628-2483204:1|gene:AGAP004709	6.98	2	1
4753	AGAP004724-PA	623	71.6	hypothetical protein|protein_coding|2L:2775211-2796481:1|gene:AGAP004724	1.12	2	1
4754	AGAP004729-PA	519	59.6	hypothetical protein|protein_coding|2L:2845174-2847278:-1|gene:AGAP004729	2.31	1	1
4755	AGAP004734-PA	1818	207.4	hypothetical protein|protein_coding|2L:2920496-2930688:-1|gene:AGAP004734	0.39	1	1
4756	AGAP004753-PA	388	45.3	hypothetical protein|protein_coding|2L:3058060-3061830:-1|gene:AGAP004753	1.8	1	1
4757	AGAP004753-PB	327	38.1	hypothetical protein|protein_coding|2L:3058060-3059379:-1|gene:AGAP004753	3.36	1	1
4758	AGAP004755-PA	396	44.2	hypothetical protein|protein_coding|2L:3065696-3066950:1|gene:AGAP004755	3.03	1	1
4759	AGAP004767-PA	581	63.4	hypothetical protein|protein_coding|2L:3194035-3196599:-1|gene:AGAP004767	0.86	1	1
4760	AGAP004769-PA	182	20.4	hypothetical protein|protein_coding|2L:3298575-3317823:1|gene:AGAP004769	6.59	1	1
4761	AGAP004776-PA	594	68.6	hypothetical protein|protein_coding|2L:3402678-3404552:1|gene:AGAP004776	1.01	4	1
4762	AGAP004777-PA	704	79.2	hypothetical protein|protein_coding|2L:3405024-3407138:-1|gene:AGAP004777	1.42	1	1
4763	AGAP004778-PA	105	11.8	hypothetical protein|protein_coding|2L:3446229-3446944:1|gene:AGAP004778	6.67	2	1
4764	AGAP004784-PA	493	56.7	hypothetical protein|protein_coding|2L:3520010-3521879:1|gene:AGAP004784	2.64	2	1
4765	AGAP004792-PA	410	48.9	hypothetical protein|protein_coding|2L:3580207-3582448:1|gene:AGAP004792	1.71	2	1
4766	AGAP004797-PA	262	29.5	hypothetical protein|protein_coding|2L:3636018-3637115:-1|gene:AGAP004797	6.11	1	1
4767	AGAP004799-PA	171	18.3	hypothetical protein|protein_coding|2L:3720965-3721591:-1|gene:AGAP004799	12.87	2	1

4768	AGAP004805-PB	1125	126.4	hypothetical protein|protein_coding|2L:3758094-3775599:1|gene:AGAP004805	0.71	2	1
4769	AGAP004806-PA	145	16.4	AGAP004806-PA|Galectin.|protein_coding|2L:3779430-3780011:-1|gene:AGAP004806	9.66	1	1
4770	AGAP004820-PA	367	39.6	hypothetical protein|protein_coding|2L:3870994-3872437:1|gene:AGAP004820	3	2	1
4771	AGAP004825-PA	957	106.0	hypothetical protein|protein_coding|2L:3992654-3996254:1|gene:AGAP004825	0.73	1	1
4772	AGAP004828-PA	434	49.6	hypothetical protein|protein_coding|2L:4153261-4156465:1|gene:AGAP004828	1.84	1	1
4773	AGAP004829-PA	474	54.6	putative GPCR class a orphan receptor 11|protein_coding|2L:4159876-4171227:-1|gene:AGAP004829	1.9	3	1
4774	AGAP004830-PA	508	57.3	hypothetical protein|protein_coding|2L:4184228-4185754:-1|gene:AGAP004830	7.28	1	1
4775	AGAP004838-PA	135	15.2	hypothetical protein|protein_coding|2L:4368987-4369719:-1|gene:AGAP004838	8.89	2	1
4776	AGAP004839-PA	122	14.0	hypothetical protein|protein_coding|2L:4376961-4377458:1|gene:AGAP004839	5.74	3	1
4777	AGAP004841-PA	1238	135.8	hypothetical protein|protein_coding|2L:4382188-4388124:-1|gene:AGAP004841	1.13	1	1
4778	AGAP004843-PA	610	70.5	hypothetical protein|protein_coding|2L:4389075-4391016:1|gene:AGAP004843	1.48	2	1
4779	AGAP004847-PA	490	56.9	Class B Scavenger Receptor (CD36 domain).|protein_coding|2L:4433671-4438248:1|gene:AGAP004847	3.06	1	1
4780	AGAP004865-PA	211	24.8	Protein N-terminal glutamine amidohydrolase (EC 3.5.1.-)(Protein NH2-terminal glutamine deamidase)(N-terminal Gln amidase)(Nt(Q)-amidase)(Protein tungus)|protein_coding|2L:4599569-4619863:-1|gene:AGAP004865	9.95	1	1
4781	AGAP004876-PA	387	43.1	hypothetical protein|protein_coding|2L:4845959-4847193:1|gene:AGAP004876	1.81	1	1
4782	AGAP004881-PA	782	86.1	hypothetical protein|protein_coding|2L:4926047-4932193:1|gene:AGAP004881	1.79	1	1
4783	AGAP004884-PA	801	92.5	hypothetical protein|protein_coding|2L:4948909-4953123:-1|gene:AGAP004884	1.75	1	1
4784	AGAP004888-PA	806	89.7	hypothetical protein|protein_coding|2L:4971871-4974593:1|gene:AGAP004888	0.74	1	1

4785	AGAP004891-PA	298	33.5	hypothetical protein|protein_coding|2L:4987628-4988607:-1|gene:AGAP004891	5.7	1	1
4786	AGAP004895-PA	309	34.5	hypothetical protein|protein_coding|2L:5489591-5498202:-1|gene:AGAP004895	4.21	2	1
4787	AGAP004902-PB	1729	189.8	hypothetical protein|protein_coding|2L:5719844-5759004:1|gene:AGAP004902	0.69	2	1
4788	AGAP004909-PA	467	52.2	hypothetical protein|protein_coding|2L:5815587-5817206:1|gene:AGAP004909	3	1	1
4789	AGAP004931-PA	302	33.5	hypothetical protein|protein_coding|2L:6130334-6131449:1|gene:AGAP004931	3.64	2	1
4790	AGAP004938-PA	316	36.9	hypothetical protein|protein_coding|2L:6225726-6227729:-1|gene:AGAP004938	4.11	2	1
4791	AGAP004950-PA	354	38.0	hypothetical protein|protein_coding|2L:6923629-6993818:1|gene:AGAP004950	2.54	2	1
4792	AGAP004955-PB	212	24.2	hypothetical protein|protein_coding|2L:7181981-7182717:1|gene:AGAP004955	6.6	1	1
4793	AGAP004969-PA	481	54.9	hypothetical protein|protein_coding|2L:7301876-7303528:1|gene:AGAP004969	1.46	1	1
4794	AGAP004984-PA	346	40.2	hypothetical protein|protein_coding|2L:7538867-7539986:1|gene:AGAP004984	1.45	1	1
4795	AGAP004999-PA	284	31.2	hypothetical protein|protein_coding|2L:7748193-7749112:-1|gene:AGAP004999	7.75	2	1
4796	AGAP005006-PA	1102	125.2	hypothetical protein|protein_coding|2L:7807839-7811820:1|gene:AGAP005006	0.64	1	1
4797	AGAP005008-PB	654	72.5	hypothetical protein|protein_coding|2L:7820730-7916840:-1|gene:AGAP005008	1.07	4	1
4798	AGAP005017-PA	793	91.1	hypothetical protein|protein_coding|2L:8324708-8327089:1|gene:AGAP005017	0.76	1	1
4799	AGAP005034-PA	1051	119.0	putative metabotropic glutamate receptor 5|protein_coding|2L:8644043-8648237:-1|gene:AGAP005034	1.52	1	1
4800	AGAP005045-PA	462	51.3	hypothetical protein|protein_coding|2L:8788345-8789880:1|gene:AGAP005045	3.25	4	1
4801	AGAP005051-PA	129	14.3	hypothetical protein|protein_coding|2L:8824062-8824536:-1|gene:AGAP005051	15.5	2	1
4802	AGAP005066-PA	257	28.7	hypothetical protein|protein_coding|2L:9253689-9254543:1|gene:AGAP005066	6.61	1	1

4803	AGAP005070-PA	658	72.9	hypothetical protein|protein_coding|2L:9483269-9485335:-1|gene:AGAP005070	2.13	1	1
4804	AGAP005091-PD	218	25.1	hypothetical protein|protein_coding|2L:9932316-9941177:1|gene:AGAP005091	7.34	1	1
4805	AGAP005105-PA	347	38.6	hypothetical protein|protein_coding|2L:10149521-10150786:1|gene:AGAP005105	1.73	1	1
4806	AGAP005106-PA	517	57.8	hypothetical protein|protein_coding|2L:10154757-10167856:1|gene:AGAP005106	1.35	1	1
4807	AGAP005115-PA	972	105.2	hypothetical protein|protein_coding|2L:10234695-10238042:-1|gene:AGAP005115	1.03	2	1
4808	AGAP005118-PA	155	17.8	hypothetical protein|protein_coding|2L:10244744-10245281:1|gene:AGAP005118	6.45	1	1
4809	AGAP005119-PA	822	91.9	hypothetical protein|protein_coding|2L:10245507-10248504:-1|gene:AGAP005119	3.16	1	1
4810	AGAP005120-PA	432	49.4	hypothetical protein|protein_coding|2L:10249761-10251059:-1|gene:AGAP005120	4.17	2	1
4811	AGAP005137-PA	432	48.2	hypothetical protein|protein_coding|2L:10381740-10384703:-1|gene:AGAP005137	1.62	2	1
4812	AGAP005141-PA	539	59.5	hypothetical protein|protein_coding|2L:10468143-10469860:1|gene:AGAP005141	2.04	1	1
4813	AGAP005147-PA	1221	130.2	hypothetical protein|protein_coding|2L:10566122-10572569:-1|gene:AGAP005147	0.98	2	1
4814	AGAP005155-PA	1064	116.1	hypothetical protein|protein_coding|2L:10640058-10644184:1|gene:AGAP005155	0.66	6	1
4815	AGAP005158-PA	340	38.6	hypothetical protein|protein_coding|2L:10768635-10770027:-1|gene:AGAP005158	3.24	2	1
4816	AGAP005163-PA	550	61.6	hypothetical protein|protein_coding|2L:10907702-10909701:1|gene:AGAP005163	2	1	1
4817	AGAP005168-PA	200	21.9	hypothetical protein|protein_coding|2L:11195971-11200471:1|gene:AGAP005168	10.5	1	1
4818	AGAP005178-PA	352	40.9	hypothetical protein|protein_coding|2L:11410830-11414081:-1|gene:AGAP005178	2.56	1	1
4819	AGAP005194-PA	272	29.8	hypothetical protein|protein_coding|2L:12168138-12169173:-1|gene:AGAP005194	6.62	1	1
4820	AGAP005195-PA	250	27.5	hypothetical protein|protein_coding|2L:12171473-12172433:-1|gene:AGAP005195	3.6	2	1

4821	AGAP005199-PB	282	32.5	Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial Precursor (Coenzyme Q biosynthesis protein 4 homolog)|protein_coding|2L:12191501-12192604:-1|gene:AGAP005199	2.48	2	1
4822	AGAP005202-PB	109	12.8	hypothetical protein|protein_coding|2L:12198919-12199248:1|gene:AGAP005202	15.6	2	1
4823	AGAP005206-PA	240	27.2	hypothetical protein|protein_coding|2L:12222491-12223290:1|gene:AGAP005206	6.67	10	1
4824	AGAP005210-PA	452	50.1	hypothetical protein|protein_coding|2L:12357143-12358851:1|gene:AGAP005210	3.32	1	1
4825	AGAP005213-PA	2531	282.6	hypothetical protein|protein_coding|2L:12366774-12399301:-1|gene:AGAP005213	0.28	1	1
4826	AGAP005215-PA	406	44.4	hypothetical protein|protein_coding|2L:12409311-12410723:-1|gene:AGAP005215	3.94	2	1
4827	AGAP005216-PA	1761	195.5	hypothetical protein|protein_coding|2L:12411321-12418274:1|gene:AGAP005216	0.45	1	1
4828	AGAP005225-PA	468	49.5	hypothetical protein|protein_coding|2L:12527952-12529541:-1|gene:AGAP005225	2.99	3	1
4829	AGAP005228-PA	110	12.8	hypothetical protein|protein_coding|2L:12539063-12539849:-1|gene:AGAP005228	15.45	4	1
4830	AGAP005235-PA	630	69.5	hypothetical protein|protein_coding|2L:12666575-12671179:-1|gene:AGAP005235	1.27	3	1
4831	AGAP005244-PB	754	82.4	hypothetical protein|protein_coding|2L:12782149-12787025:-1|gene:AGAP005244	1.99	1	1
4832	AGAP005245-PD	502	53.6	hypothetical protein|protein_coding|2L:12909062-12973827:1|gene:AGAP005245	3.39	1	1
4833	AGAP005249-PA	862	95.0	hypothetical protein|protein_coding|2L:13125469-13128594:-1|gene:AGAP005249	1.39	1	1
4834	AGAP005257-PA	901	98.2	hypothetical protein|protein_coding|2L:13276676-13318706:1|gene:AGAP005257	1.44	1	1
4835	AGAP005267-PA	184	21.1	hypothetical protein|protein_coding|2L:13494094-13494721:1|gene:AGAP005267	3.8	2	1
4836	AGAP005272-PA	294	33.1	hypothetical protein|protein_coding|2L:13506637-13507770:1|gene:AGAP005272	7.48	1	1
4837	AGAP005273-PA	1405	155.2	hypothetical protein|protein_coding|2L:13513706-13519719:1|gene:AGAP005273	0.43	1	1
4838	AGAP005277-PA	336	37.2	hypothetical protein|protein_coding|2L:13554782-13556308:-1|gene:AGAP005277	5.65	1	1

4839	AGAP005283-PA	511	58.3	hypothetical protein|protein_coding|2L:13624375-13626179:1|gene:AGAP005283	3.52	1	1
4840	AGAP005285-PA	3916	423.6	hypothetical protein|protein_coding|2L:13637835-13658562:1|gene:AGAP005285	0.36	7	1
4841	AGAP005290-PA	2265	251.9	hypothetical protein|protein_coding|2L:13721263-13730958:-1|gene:AGAP005290	0.84	2	1
4842	AGAP005292-PA	394	42.4	hypothetical protein|protein_coding|2L:13765648-13777758:-1|gene:AGAP005292	5.33	1	1
4843	AGAP005302-PA	286	32.2	hypothetical protein|protein_coding|2L:13875283-13876858:1|gene:AGAP005302	5.94	2	1
4844	AGAP005321-PA	745	83.1	hypothetical protein|protein_coding|2L:14035639-14037979:-1|gene:AGAP005321	0.81	1	1
4845	AGAP005322-PB	629	69.6	hypothetical protein|protein_coding|2L:14042147-14044525:1|gene:AGAP005322	2.7	1	1
4846	AGAP005323-PA	334	37.0	hypothetical protein|protein_coding|2L:14061213-14073092:1|gene:AGAP005323	5.99	1	1
4847	AGAP005330-PA	1741	194.6	hypothetical protein|protein_coding|2L:14179809-14186780:-1|gene:AGAP005330	0.63	1	1
4848	AGAP005331-PA	355	39.7	hypothetical protein|protein_coding|2L:14187763-14189059:-1|gene:AGAP005331	2.25	2	1
4849	AGAP005336-PA	502	57.3	hypothetical protein|protein_coding|2L:14237132-14238837:1|gene:AGAP005336	1.79	1	1
4850	AGAP005352-PB	433	48.9	hypothetical protein|protein_coding|2L:14470422-14472572:1|gene:AGAP005352	2.54	2	1
4851	AGAP005378-PA	181	20.6	hypothetical protein|protein_coding|2L:14738702-14780910:-1|gene:AGAP005378	20.44	1	1
4852	AGAP005379-PA	204	23.1	hypothetical protein|protein_coding|2L:14829847-14830528:1|gene:AGAP005379	5.88	1	1
4853	AGAP005387-PA	325	38.3	hypothetical protein|protein_coding|2L:14847109-14848144:-1|gene:AGAP005387	5.54	2	1
4854	AGAP005399-PA	918	99.7	hypothetical protein|protein_coding|2L:15035435-15038781:1|gene:AGAP005399	1.42	5	1
4855	AGAP005413-PA	282	32.2	hypothetical protein|protein_coding|2L:15337314-15338248:1|gene:AGAP005413	4.61	1	1
4856	AGAP005413-PB	248	28.0	hypothetical protein|protein_coding|2L:15337314-15338217:1|gene:AGAP005413	4.44	1	1

4857	AGAP005421-PA	419	46.4	hypothetical protein|protein_coding|2L:15373212-15374632:1|gene:AGAP005421	4.77	1	1
4858	AGAP005422-PA	156	17.7	hypothetical protein|protein_coding|2L:15374749-15375296:-1|gene:AGAP005422	17.95	3	1
4859	AGAP005428-PA	116	13.5	hypothetical protein|protein_coding|2L:15423128-15423703:-1|gene:AGAP005428	8.62	1	1
4860	AGAP005432-PA	129	14.8	hypothetical protein|protein_coding|2L:15428814-15429406:-1|gene:AGAP005432	8.53	1	1
4861	AGAP005433-PA	319	33.8	hypothetical protein|protein_coding|2L:15452768-15457034:1|gene:AGAP005433	1.88	1	1
4862	AGAP005440-PA	1012	110.1	hypothetical protein|protein_coding|2L:15477391-15481944:-1|gene:AGAP005440	0.69	1	1
4863	AGAP005450-PA	538	58.7	hypothetical protein|protein_coding|2L:15641020-15642923:-1|gene:AGAP005450	3.9	2	1
4864	AGAP005461-PA	239	27.2	hypothetical protein|protein_coding|2L:15810013-15810883:-1|gene:AGAP005461	4.6	2	1
4865	AGAP005466-PA	452	51.7	hypothetical protein|protein_coding|2L:15949821-15951369:-1|gene:AGAP005466	1.33	1	1
4866	AGAP005468-PA	979	112.2	hypothetical protein|protein_coding|2L:15982108-15986356:1|gene:AGAP005468	1.12	2	1
4867	AGAP005470-PA	1633	178.7	hypothetical protein|protein_coding|2L:16007846-16013986:1|gene:AGAP005470	0.37	1	1
4868	AGAP005472-PA	2410	271.3	hypothetical protein|protein_coding|2L:16041729-16067199:-1|gene:AGAP005472	0.29	1	1
4869	AGAP005483-PA	548	64.0	hypothetical protein|protein_coding|2L:16086488-16088224:-1|gene:AGAP005483	1.82	1	1
4870	AGAP005484-PA	484	56.3	hypothetical protein|protein_coding|2L:16121483-16130916:-1|gene:AGAP005484	1.03	2	1
4871	AGAP005486-PA	228	25.5	hypothetical protein|protein_coding|2L:16132080-16133099:-1|gene:AGAP005486	5.26	2	1
4872	AGAP005490-PA	1239	142.1	hypothetical protein|protein_coding|2L:16181856-16198471:-1|gene:AGAP005490	1.13	1	1
4873	AGAP005496-PA	485	54.8	hypothetical protein|protein_coding|2L:16215645-16217199:1|gene:AGAP005496	1.24	3	1
4874	AGAP005505-PA	511	54.6	hypothetical protein|protein_coding|2L:16288405-16290707:-1|gene:AGAP005505	2.54	2	1

4875	AGAP005508-PC	1059	113.5	hypothetical protein|protein_coding|2L:16389245-16443959:-1|gene:AGAP005508	0.76	1	1
4876	AGAP005512-PA	301	35.0	hypothetical protein|protein_coding|2L:16517623-16518862:1|gene:AGAP005512	7.31	2	1
4877	AGAP005519-PA	514	58.5	hypothetical protein|protein_coding|2L:16587433-16589130:1|gene:AGAP005519	3.31	2	1
4878	AGAP005520-PA	250	27.6	hypothetical protein|protein_coding|2L:16590603-16591582:-1|gene:AGAP005520	6	2	1
4879	AGAP005524-PA	257	28.8	hypothetical protein|protein_coding|2L:16612020-16613169:-1|gene:AGAP005524	7	1	1
4880	AGAP005528-PB	268	29.6	hypothetical protein|protein_coding|2L:16650094-16651262:1|gene:AGAP005528	3.73	2	1
4881	AGAP005529-PC	241	26.7	hypothetical protein|protein_coding|2L:16655975-16656903:1|gene:AGAP005529	6.64	2	1
4882	AGAP005530-PA	569	62.9	hypothetical protein|protein_coding|2L:16659015-16662939:-1|gene:AGAP005530	4.75	1	1
4883	AGAP005537-PA	516	56.9	hypothetical protein|protein_coding|2L:16847687-16852359:-1|gene:AGAP005537	2.52	2	1
4884	AGAP005542-PA	432	48.3	Queuine tRNA-ribosyltransferase subunit QTRTD1 homolog (EC 2.4.2.29)(Queuine tRNA-ribosyltransferase domain-containing protein 1)|protein_coding|2L:16872245-16873715:-1|gene:AGAP005542	3.7	2	1
4885	AGAP005548-PA	205	23.3	hypothetical protein|protein_coding|2L:16955343-16955960:-1|gene:AGAP005548	3.9	1	1
4886	AGAP005550-PA	182	20.6	hypothetical protein|protein_coding|2L:16968562-16969444:-1|gene:AGAP005550	8.79	5	1
4887	AGAP005560-PA	523	57.6	hypothetical protein|protein_coding|2L:17034494-17036237:-1|gene:AGAP005560	2.49	1	1
4888	AGAP005561-PA	429	48.0	hypothetical protein|protein_coding|2L:17046044-17047563:1|gene:AGAP005561	4.9	3	1
4889	AGAP005578-PA	742	84.8	hypothetical protein|protein_coding|2L:17351177-17353474:-1|gene:AGAP005578	2.02	2	1
4890	AGAP005580-PA	163	17.0	hypothetical protein|protein_coding|2L:17368157-17368648:1|gene:AGAP005580	4.91	1	1
4891	AGAP005582-PA	351	39.6	hypothetical protein|protein_coding|2L:17371880-17373219:-1|gene:AGAP005582	10.26	1	1
4892	AGAP005586-PA	561	61.0	hypothetical protein|protein_coding|2L:17443366-17446411:-1|gene:AGAP005586	2.5	1	1

4893	AGAP005588-PA	463	50.3	hypothetical protein|protein_coding|2L:17464048-17474311:-1|gene:AGAP005588	3.24	1	1
4894	AGAP005601-PA	878	97.3	hypothetical protein|protein_coding|2L:17792416-17797332:1|gene:AGAP005601	1.14	1	1
4895	AGAP005606-PA	1173	126.3	hypothetical protein|protein_coding|2L:17814913-17826082:1|gene:AGAP005606	0.68	2	1
4896	AGAP005619-PA	860	92.2	hypothetical protein|protein_coding|2L:17923835-17928180:1|gene:AGAP005619	0.81	2	1
4897	AGAP005623-PA	123	13.6	hypothetical protein|protein_coding|2L:17946118-17946926:-1|gene:AGAP005623	18.7	3	1
4898	AGAP005625-PB	1209	133.8	Class A Scavenger Receptor (SRCR domain) with Serine Protease domain.|protein_coding|2L:17949589-17954957:-1|gene:AGAP005625	1.82	4	1
4899	AGAP005639-PA	1301	141.6	hypothetical protein|protein_coding|2L:18093303-18104524:-1|gene:AGAP005639	1.31	1	1
4900	AGAP005647-PA	1557	172.1	hypothetical protein|protein_coding|2L:18223267-18228014:-1|gene:AGAP005647	0.58	3	1
4901	AGAP005649-PA	958	95.5	hypothetical protein|protein_coding|2L:18267307-18270250:1|gene:AGAP005649	1.15	2	1
4902	AGAP005650-PA	397	43.8	hypothetical protein|protein_coding|2L:18271871-18273064:-1|gene:AGAP005650	4.03	6	1
4903	AGAP005673-PA	220	24.9	hypothetical protein|protein_coding|2L:18543954-18544676:-1|gene:AGAP005673	2.73	1	1
4904	AGAP005674-PA	200	21.7	hypothetical protein|protein_coding|2L:18555848-18560275:-1|gene:AGAP005674	5	2	1
4905	AGAP005675-PA	151	17.8	hypothetical protein|protein_coding|2L:18650943-18670384:1|gene:AGAP005675	6.62	1	1
4906	AGAP005684-PA	313	34.5	hypothetical protein|protein_coding|2L:18744909-18745919:1|gene:AGAP005684	3.19	1	1
4907	AGAP005685-PA	158	19.0	hypothetical protein|protein_coding|2L:18746200-18746779:-1|gene:AGAP005685	5.7	1	1
4908	AGAP005697-PA	127	13.8	cuticular protein 3 from two-cysteine family|protein_coding|2L:19100804-19101270:1|gene:AGAP005697	17.32	1	1
4909	AGAP005698-PA	127	13.9	cuticular protein 4 from two-cysteine family|protein_coding|2L:19101852-19102333:1|gene:AGAP005698	14.96	2	1
4910	AGAP005700-PA	1639	180.0	Mediator of RNA polymerase II transcription subunit 14 (Mediator complex subunit 14)|protein_coding|2L:19151273-19157646:1|gene:AGAP005700	0.43	2	1

4911	AGAP005701-PA	418	48.4	hypothetical protein|protein_coding|2L:19158745-19163521:-1|gene:AGAP005701	4.07	3	1
4912	AGAP005707-PA	299	32.3	hypothetical protein|protein_coding|2L:19207943-19208994:-1|gene:AGAP005707	7.36	4	1
4913	AGAP005719-PA	879	91.3	hypothetical protein|protein_coding|2L:19582843-19592078:1|gene:AGAP005719	1.48	1	1
4914	AGAP005731-PB	1233	140.3	hypothetical protein|protein_coding|2L:19922903-19927047:-1|gene:AGAP005731	0.49	1	1
4915	AGAP005732-PA	630	73.1	hypothetical protein|protein_coding|2L:19927678-19929776:1|gene:AGAP005732	0.95	1	1
4916	AGAP005736-PA	381	44.5	hypothetical protein|protein_coding|2L:19970498-19971945:1|gene:AGAP005736	2.36	2	1
4917	AGAP005738-PA	381	44.4	hypothetical protein|protein_coding|2L:20030184-20031851:-1|gene:AGAP005738	3.41	1	1
4918	AGAP005760-PB	373	42.6	candidate odorant receptor|protein_coding|2L:20326884-20328283:-1|gene:AGAP005760	4.02	1	1
4919	AGAP005762-PB	295	33.0	hypothetical protein|protein_coding|2L:20339589-20344225:-1|gene:AGAP005762	6.78	1	1
4920	AGAP005765-PA	2331	249.5	hypothetical protein|protein_coding|2L:20364514-20373012:1|gene:AGAP005765	0.43	1	1
4921	AGAP005776-PA	105	11.8	pigment dispersing hormone|protein_coding|2L:20502083-20502678:-1|gene:AGAP005776	12.38	3	1
4922	AGAP005777-PA	917	99.7	hypothetical protein|protein_coding|2L:20506474-20520762:1|gene:AGAP005777	3.16	2	1
4923	AGAP005796-PA	1338	147.0	hypothetical protein|protein_coding|2L:20952855-20976176:-1|gene:AGAP005796	0.97	1	1
4924	AGAP005797-PA	375	43.3	hypothetical protein|protein_coding|2L:21037465-21038719:-1|gene:AGAP005797	4.53	1	1
4925	AGAP005804-PA	422	46.9	hypothetical protein|protein_coding|2L:21233301-21234686:1|gene:AGAP005804	2.37	1	1
4926	AGAP005813-PA	151	16.2	hypothetical protein|protein_coding|2L:21632740-21633195:1|gene:AGAP005813	7.95	2	1
4927	AGAP005815-PA	303	34.0	hypothetical protein|protein_coding|2L:21638346-21640301:-1|gene:AGAP005815	8.25	1	1
4928	AGAP005820-PA	193	23.0	hypothetical protein|protein_coding|2L:21835774-21836506:-1|gene:AGAP005820	4.66	1	1

4929	AGAP005828-PC	206	23.3	hypothetical protein|protein_coding|2L:22070725-22076845:-1|gene:AGAP005828	7.28	2	1
4930	AGAP005829-PA	265	29.7	hypothetical protein|protein_coding|2L:22088618-22089572:1|gene:AGAP005829	6.04	6	1
4931	AGAP005832-PB	988	111.3	hypothetical protein|protein_coding|2L:22285302-22295257:1|gene:AGAP005832	2.02	2	1
4932	AGAP005837-PA	574	63.3	hypothetical protein|protein_coding|2L:22316573-22318480:-1|gene:AGAP005837	4.36	2	1
4933	AGAP005841-PA	125	13.7	hypothetical protein|protein_coding|2L:22418702-22419344:1|gene:AGAP005841	6.4	1	1
4934	AGAP005857-PA	407	46.2	hypothetical protein|protein_coding|2L:22632859-22634227:1|gene:AGAP005857	1.72	4	1
4935	AGAP005870-PB	399	45.8	hypothetical protein|protein_coding|2L:22686611-22706731:-1|gene:AGAP005870	5.26	8	1
4936	AGAP005871-PA	1191	135.6	hypothetical protein|protein_coding|2L:22708657-22712387:1|gene:AGAP005871	0.92	1	1
4937	AGAP005873-PA	131	14.9	hypothetical protein|protein_coding|2L:22716242-22716721:1|gene:AGAP005873	5.34	1	1
4938	AGAP005874-PA	609	67.3	hypothetical protein|protein_coding|2L:22716848-22718746:-1|gene:AGAP005874	1.15	1	1
4939	AGAP005881-PA	2049	226.3	hypothetical protein|protein_coding|2L:23123719-23131205:-1|gene:AGAP005881	0.39	1	1
4940	AGAP005889-PA	114	10.9	hypothetical protein|protein_coding|2L:23181062-23181727:1|gene:AGAP005889	32.46	1	1
4941	AGAP005893-PA	226	26.5	hypothetical protein|protein_coding|2L:23225046-23225955:1|gene:AGAP005893	2.65	1	1
4942	AGAP005921-PA	180	20.0	hypothetical protein|protein_coding|2L:23684980-23685522:1|gene:AGAP005921	5.56	2	1
4943	AGAP005926-PA	1738	194.4	hypothetical protein|protein_coding|2L:23798973-23804811:-1|gene:AGAP005926	0.4	1	1
4944	AGAP005928-PB	421	45.5	hypothetical protein|protein_coding|2L:23806834-23812162:-1|gene:AGAP005928	2.61	2	1
4945	AGAP005939-PA	1055	118.3	hypothetical protein|protein_coding|2L:23867147-23870758:-1|gene:AGAP005939	0.57	1	1
4946	AGAP005940-PB	790	83.3	hypothetical protein|protein_coding|2L:23873035-23875749:1|gene:AGAP005940	2.15	2	1

4947	AGAP005951-PA	768	80.5	hypothetical protein|protein_coding|2L:24013168-24016044:-1|gene:AGAP005951	1.95	11	1
4948	AGAP005964-PB	365	40.0	hypothetical protein|protein_coding|2L:24119494-24135310:-1|gene:AGAP005964	4.93	2	1
4949	AGAP005973-PA	336	38.9	hypothetical protein|protein_coding|2L:24337687-24341502:-1|gene:AGAP005973	4.76	2	1
4950	AGAP005988-PA	563	61.6	hypothetical protein|protein_coding|2L:24559680-24561917:1|gene:AGAP005988	2.31	1	1
4951	AGAP005992-PA	517	59.1	hypothetical protein|protein_coding|2L:24570317-24572292:-1|gene:AGAP005992	2.71	1	1
4952	AGAP006020-PA	531	59.8	hypothetical protein|protein_coding|2L:24907402-24911813:-1|gene:AGAP006020	1.88	1	1
4953	AGAP006023-PA	574	65.4	hypothetical protein|protein_coding|2L:24995395-25004735:-1|gene:AGAP006023	1.39	1	1
4954	AGAP006027-PA	967	110.0	hypothetical protein|protein_coding|2L:25272296-25314781:1|gene:AGAP006027	1.24	1	1
4955	AGAP006033-PA	224	26.2	hypothetical protein|protein_coding|2L:25466906-25468254:-1|gene:AGAP006033	3.13	1	1
4956	AGAP006034-PA	1010	108.5	hypothetical protein|protein_coding|2L:25469312-25473092:-1|gene:AGAP006034	1.19	1	1
4957	AGAP006043-PA	215	25.0	hypothetical protein|protein_coding|2L:25569144-25573044:-1|gene:AGAP006043	4.65	1	1
4958	AGAP006046-PA	1450	164.2	hypothetical protein|protein_coding|2L:25627159-25632033:1|gene:AGAP006046	0.55	1	1
4959	AGAP006059-PA	1181	130.5	hypothetical protein|protein_coding|2L:25801800-25856226:-1|gene:AGAP006059	2.03	2	1
4960	AGAP006072-PA	639	70.6	hypothetical protein|protein_coding|2L:26056657-26062300:-1|gene:AGAP006072	2.19	1	1
4961	AGAP006082-PA	572	65.6	hypothetical protein|protein_coding|2L:26136547-26141103:-1|gene:AGAP006082	2.1	2	1
4962	AGAP006083-PB	1481	163.8	hypothetical protein|protein_coding|2L:26149370-26156793:-1|gene:AGAP006083	1.55	1	1
4963	AGAP006089-PA	623	62.5	hypothetical protein|protein_coding|2L:26493426-26538419:1|gene:AGAP006089	1.44	1	1
4964	AGAP006091-PA	324	36.8	hypothetical protein|protein_coding|2L:26554241-26583144:1|gene:AGAP006091	4.01	1	1

4965	AGAP006092-PA	692	76.7	hypothetical protein|protein_coding|2L:26586883-26589045:-1|gene:AGAP006092	1.88	1	1
4966	AGAP006095-PA	150	15.9	cuticular protein 106, RR-1 family|protein_coding|2L:26615564-26616121:-1|gene:AGAP006095	17.33	2	1
4967	AGAP006100-PA	243	27.1	hypothetical protein|protein_coding|2L:26650151-26651017:-1|gene:AGAP006100	7.41	2	1
4968	AGAP006107-PA	2302	260.9	hypothetical protein|protein_coding|2L:26700133-26761895:1|gene:AGAP006107	0.74	1	1
4969	AGAP006113-PA	346	38.3	hypothetical protein|protein_coding|2L:26836847-26840030:1|gene:AGAP006113	7.23	2	1
4970	AGAP006124-PA	556	63.8	hypothetical protein|protein_coding|2L:27010222-27012103:1|gene:AGAP006124	1.98	1	1
4971	AGAP006140-PA	134	15.4	hypothetical protein|protein_coding|2L:27091238-27091722:1|gene:AGAP006140	18.66	1	1
4972	AGAP006147-PA	358	38.6	hypothetical protein|protein_coding|2L:27155303-27156481:-1|gene:AGAP006147	4.75	1	1
4973	AGAP006150-PA	113	10.9	hypothetical protein|protein_coding|2L:27186720-27187134:-1|gene:AGAP006150	13.27	2	1
4974	AGAP006152-PA	468	50.8	hypothetical protein|protein_coding|2L:27275618-27277024:1|gene:AGAP006152	2.14	1	1
4975	AGAP006155-PA	178	19.9	hypothetical protein|protein_coding|2L:27302377-27304671:1|gene:AGAP006155	5.06	1	1
4976	AGAP006158-PA	1109	123.5	hypothetical protein|protein_coding|2L:27421559-27429706:-1|gene:AGAP006158	0.54	1	1
4977	AGAP006165-PB	2856	309.0	hypothetical protein|protein_coding|2L:27445437-27459272:1|gene:AGAP006165	0.32	3	1
4978	AGAP006166-PA	936	103.0	hypothetical protein|protein_coding|2L:27471675-27474889:-1|gene:AGAP006166	1.07	1	1
4979	AGAP006167-PA	405	46.0	candidate olfactory receptor|protein_coding|2L:27479714-27481679:1|gene:AGAP006167	4.2	1	1
4980	AGAP006170-PA	228	27.1	hypothetical protein|protein_coding|2L:27641188-27641996:1|gene:AGAP006170	3.51	1	1
4981	AGAP006188-PB	1387	153.7	hypothetical protein|protein_coding|2L:27935499-27958941:-1|gene:AGAP006188	0.5	2	1
4982	AGAP006206-PA	438	50.6	hypothetical protein|protein_coding|2L:28239196-28243225:-1|gene:AGAP006206	1.37	2	1

4983	AGAP006216-PB	514	58.2	putative methuselah receptor 2|protein_coding|2L:28469195-28472431:-1|gene:AGAP006216	1.56	2	1
4984	AGAP006218-PA	473	54.5	putative methuselah receptor 4|protein_coding|2L:28476341-28484697:-1|gene:AGAP006218	1.27	2	1
4985	AGAP006231-PA	243	28.6	hypothetical protein|protein_coding|2L:28554773-28559494:1|gene:AGAP006231	4.53	1	1
4986	AGAP006233-PA	305	35.2	hypothetical protein|protein_coding|2L:28565991-28566972:1|gene:AGAP006233	4.26	4	1
4987	AGAP006239-PA	376	42.0	hypothetical protein|protein_coding|2L:28579872-28581161:1|gene:AGAP006239	3.99	1	1
4988	AGAP006248-PA	130	15.1	Mediator of RNA polymerase II transcription subunit 10 (Mediator complex subunit 10)|protein_coding|2L:28609414-28609806:1|gene:AGAP006248	11.54	1	1
4989	AGAP006249-PA	705	76.5	hypothetical protein|protein_coding|2L:28611340-28613755:-1|gene:AGAP006249	2.27	1	1
4990	AGAP006250-PA	530	58.5	hypothetical protein|protein_coding|2L:28614984-28616576:1|gene:AGAP006250	1.32	2	1
4991	AGAP006321-PA	201	22.5	cuticular protein 71, RR-2 family|protein_coding|2L:29573241-29574274:-1|gene:AGAP006321	8.46	2	1
4992	AGAP006324-PA	809	92.2	hypothetical protein|protein_coding|2L:29584913-29588492:-1|gene:AGAP006324	1.36	2	1
4993	AGAP006325-PA	329	37.7	hypothetical protein|protein_coding|2L:29626042-29627115:-1|gene:AGAP006325	2.13	1	1
4994	AGAP006327-PA	347	39.6	hypothetical protein|protein_coding|2L:29733594-29734637:1|gene:AGAP006327	2.88	1	1
4995	AGAP006328-PA	840	96.7	hypothetical protein|protein_coding|2L:29747604-29773921:1|gene:AGAP006328	0.95	1	1
4996	AGAP006339-PA	1859	203.6	hypothetical protein|protein_coding|2L:29815445-29823466:-1|gene:AGAP006339	0.48	1	1
4997	AGAP006357-PA	764	84.1	hypothetical protein|protein_coding|2L:30447478-30450238:-1|gene:AGAP006357	0.65	3	1
4998	AGAP006358-PA	790	89.8	hypothetical protein|protein_coding|2L:30451907-30454422:1|gene:AGAP006358	2.03	1	1
4999	AGAP006372-PA	181	21.4	hypothetical protein|protein_coding|2L:30565247-30565792:1|gene:AGAP006372	3.87	2	1
5000	AGAP006376-PB	465	51.4	hypothetical protein|protein_coding|2L:30796298-30826703:1|gene:AGAP006376	1.51	1	1

5001	AGAP006382-PA	1069	116.7	hypothetical protein|protein_coding|2L:31008091-31014468:1|gene:AGAP006382	0.75	2	1
5002	AGAP006384-PA	697	75.6	hypothetical protein|protein_coding|2L:31021899-31024362:1|gene:AGAP006384	0.86	2	1
5003	AGAP006394-PA	498	55.4	hypothetical protein|protein_coding|2L:31059858-31061489:-1|gene:AGAP006394	2.41	1	1
5004	AGAP006402-PA	1392	144.4	hypothetical protein|protein_coding|2L:31156743-31165610:-1|gene:AGAP006402	0.86	1	1
5005	AGAP006404-PA	157	17.2	hypothetical protein|protein_coding|2L:31393027-31393582:-1|gene:AGAP006404	7.01	2	1
5006	AGAP006407-PA	443	51.2	hypothetical protein|protein_coding|2L:31563235-31564566:1|gene:AGAP006407	1.13	1	1
5007	AGAP006420-PA	267	29.9	hypothetical protein|protein_coding|2L:31691081-31692039:1|gene:AGAP006420	5.99	2	1
5008	AGAP006422-PA	545	61.5	hypothetical protein|protein_coding|2L:31705215-31707175:-1|gene:AGAP006422	3.3	1	1
5009	AGAP006428-PA	1117	123.0	hypothetical protein|protein_coding|2L:31758315-31761734:-1|gene:AGAP006428	0.9	1	1
5010	AGAP006443-PA	260	28.1	hypothetical protein|protein_coding|2L:32106601-32107607:-1|gene:AGAP006443	6.15	1	1
5011	AGAP006453-PA	434	45.5	hypothetical protein|protein_coding|2L:32301690-32303718:-1|gene:AGAP006453	1.38	1	1
5012	AGAP006458-PA	635	70.0	hypothetical protein|protein_coding|2L:32360184-32362091:-1|gene:AGAP006458	1.57	1	1
5013	AGAP006462-PB	481	51.4	hypothetical protein|protein_coding|2L:32470894-32473115:1|gene:AGAP006462	3.74	1	1
5014	AGAP006467-PA	298	32.6	hypothetical protein|protein_coding|2L:32532400-32533296:1|gene:AGAP006467	6.38	6	1
5015	AGAP006468-PA	911	99.8	hypothetical protein|protein_coding|2L:32537499-32541408:-1|gene:AGAP006468	0.66	4	1
5016	AGAP006471-PA	483	54.6	hypothetical protein|protein_coding|2L:32611320-32612771:-1|gene:AGAP006471	2.9	1	1
5017	AGAP006473-PA	770	85.5	hypothetical protein|protein_coding|2L:32631890-32635534:1|gene:AGAP006473	2.21	1	1
5018	AGAP006477-PA	918	103.7	hypothetical protein|protein_coding|2L:32725271-32736050:1|gene:AGAP006477	2.07	2	1

5019	AGAP006489-PA	278	31.5	hypothetical protein|protein_coding|2L:32888376-32889285:-1|gene:AGAP006489	6.47	2	1
5020	AGAP006495-PA	85	9.3	hypothetical protein|protein_coding|2L:33003948-33004205:-1|gene:AGAP006495	12.94	3	1
5021	AGAP006504-PA	173	17.7	hypothetical protein|protein_coding|2L:33166290-33166811:-1|gene:AGAP006504	10.98	6	1
5022	AGAP006508-PB	338	37.6	hypothetical protein|protein_coding|2L:33177521-33184859:-1|gene:AGAP006508	3.85	1	1
5023	AGAP006510-PA	538	61.7	hypothetical protein|protein_coding|2L:33212685-33215990:-1|gene:AGAP006510	1.49	1	1
5024	AGAP006517-PA	1411	157.2	hypothetical protein|protein_coding|2L:33767805-33772481:1|gene:AGAP006517	0.64	1	1
5025	AGAP006521-PA	384	44.8	hypothetical protein|protein_coding|2L:33825711-33827068:-1|gene:AGAP006521	1.82	2	1
5026	AGAP006528-PA	2479	265.2	hypothetical protein|protein_coding|2L:33910602-33920821:1|gene:AGAP006528	0.85	7	1
5027	AGAP006533-PA	302	34.1	hypothetical protein|protein_coding|2L:33948898-33950018:1|gene:AGAP006533	5.96	2	1
5028	AGAP006535-PA	1170	130.3	hypothetical protein|protein_coding|2L:33965630-33969577:1|gene:AGAP006535	0.51	1	1
5029	AGAP006541-PA	431	47.9	hypothetical protein|protein_coding|2L:34077108-34082358:1|gene:AGAP006541	2.78	2	1
5030	AGAP006587-PA	91	10.1	hypothetical protein|protein_coding|2L:34277393-34277748:-1|gene:AGAP006587	12.09	5	1
5031	AGAP006589-PB	94	10.3	hypothetical protein|protein_coding|2L:34281700-34282061:-1|gene:AGAP006589	7.45	1	1
5032	AGAP006611-PA	450	50.4	hypothetical protein|protein_coding|2L:34732367-34733788:1|gene:AGAP006611	1.33	1	1
5033	AGAP006617-PA	463	51.8	hypothetical protein|protein_coding|2L:34748279-34749814:1|gene:AGAP006617	4.75	1	1
5034	AGAP006619-PA	243	27.8	hypothetical protein|protein_coding|2L:34751955-34752686:-1|gene:AGAP006619	10.7	2	1
5035	AGAP006620-PA	295	34.1	hypothetical protein|protein_coding|2L:34753001-34754096:1|gene:AGAP006620	7.8	2	1
5036	AGAP006623-PA	899	100.7	hypothetical protein|protein_coding|2L:34764280-34767193:-1|gene:AGAP006623	0.78	1	1

5037	AGAP006647-PA	384	43.0	hypothetical protein|protein_coding|2L:35660795-35663299:1|gene:AGAP006647	1.82	1	1
5038	AGAP006647-PB	347	38.6	hypothetical protein|protein_coding|2L:35661463-35663299:1|gene:AGAP006647	3.17	2	1
5039	AGAP006648-PA	769	87.8	hypothetical protein|protein_coding|2L:35664132-35666441:1|gene:AGAP006648	1.43	2	1
5040	AGAP006649-PA	661	72.5	hypothetical protein|protein_coding|2L:35666831-35668902:-1|gene:AGAP006649	2.42	1	1
5041	AGAP006650-PA	186	20.5	hypothetical protein|protein_coding|2L:35671342-35672052:1|gene:AGAP006650	11.29	2	1
5042	AGAP006661-PA	640	73.8	hypothetical protein|protein_coding|2L:36430483-36432498:1|gene:AGAP006661	1.25	3	1
5043	AGAP006666-PA	397	46.8	candidate odorant receptor|protein_coding|2L:36460340-36461765:-1|gene:AGAP006666	1.76	1	1
5044	AGAP006667-PA	404	46.7	candidate odorant receptor|protein_coding|2L:36462175-36463687:-1|gene:AGAP006667	1.73	1	1
5045	AGAP006669-PA	2482	251.0	hypothetical protein|protein_coding|2L:36605130-36625093:1|gene:AGAP006669	0.24	1	1
5046	AGAP006680-PA	820	90.0	hypothetical protein|protein_coding|2L:36667309-36671144:1|gene:AGAP006680	2.44	2	1
5047	AGAP006682-PA	709	80.8	hypothetical protein|protein_coding|2L:36677216-36679708:-1|gene:AGAP006682	1.41	2	1
5048	AGAP006683-PA	108	11.8	hypothetical protein|protein_coding|2L:36680634-36681035:1|gene:AGAP006683	19.44	3	1
5049	AGAP006687-PA	455	52.0	hypothetical protein|protein_coding|2L:36702651-36704157:-1|gene:AGAP006687	5.05	1	1
5050	AGAP006691-PA	568	65.6	hypothetical protein|protein_coding|2L:36737099-36738805:-1|gene:AGAP006691	1.76	1	1
5051	AGAP006702-PA	1257	132.4	hypothetical protein|protein_coding|2L:37071278-37075660:-1|gene:AGAP006702	0.56	2	1
5052	AGAP006705-PA	576	64.0	hypothetical protein|protein_coding|2L:37095121-37105113:-1|gene:AGAP006705	2.95	2	1
5053	AGAP006718-PA	496	53.0	hypothetical protein|protein_coding|2L:37153305-37155016:-1|gene:AGAP006718	2.62	2	1
5054	AGAP006727-PA	556	62.3	hypothetical protein|protein_coding|2L:37293044-37294862:-1|gene:AGAP006727	2.7	3	1

5055	AGAP006737-PA	297	34.3	hypothetical protein|protein_coding|2L:37489877-37490839:1|gene:AGAP006737	5.72	1	1
5056	AGAP006745-PB	257	27.7	hypothetical protein|protein_coding|2L:37707318-37709746:1|gene:AGAP006745	7.78	2	1
5057	AGAP006748-PA	356	39.7	hypothetical protein|protein_coding|2L:37747064-37748204:-1|gene:AGAP006748	2.25	1	1
5058	AGAP006750-PA	621	68.0	hypothetical protein|protein_coding|2L:37752410-37754544:-1|gene:AGAP006750	1.61	1	1
5059	AGAP006762-PA	1127	123.6	hypothetical protein|protein_coding|2L:37976271-38011941:1|gene:AGAP006762	1.24	1	1
5060	AGAP006769-PA	177	20.3	hypothetical protein|protein_coding|2L:38068760-38069463:1|gene:AGAP006769	6.21	1	1
5061	AGAP006775-PA	525	59.1	hypothetical protein|protein_coding|2L:38126877-38128644:1|gene:AGAP006775	1.71	2	1
5062	AGAP006776-PA	4422	455.8	hypothetical protein|protein_coding|2L:38134186-38148003:-1|gene:AGAP006776	0.23	1	1
5063	AGAP006781-PA	673	73.7	hypothetical protein|protein_coding|2L:38174631-38176810:-1|gene:AGAP006781	0.89	1	1
5064	AGAP006785-PA	399	45.7	hypothetical protein|protein_coding|2L:38190410-38191677:1|gene:AGAP006785	1.75	1	1
5065	AGAP006797-PA	655	73.1	hypothetical protein|protein_coding|2L:38575130-38577166:-1|gene:AGAP006797	1.37	1	1
5066	AGAP006798-PA	271	30.6	hypothetical protein|protein_coding|2L:38578768-38580035:1|gene:AGAP006798	2.21	3	1
5067	AGAP006803-PA	937	104.0	hypothetical protein|protein_coding|2L:38670995-38675250:-1|gene:AGAP006803	0.96	4	1
5068	AGAP006805-PA	558	62.9	hypothetical protein|protein_coding|2L:38675850-38677618:1|gene:AGAP006805	1.61	1	1
5069	AGAP006809-PA	203	22.8	hypothetical protein|protein_coding|2L:38688410-38692401:-1|gene:AGAP006809	2.96	2	1
5070	AGAP006810-PA	248	26.1	hypothetical protein|protein_coding|2L:38696587-38697539:1|gene:AGAP006810	6.85	1	1
5071	AGAP006814-PA	283	31.6	hypothetical protein|protein_coding|2L:38856915-38857997:-1|gene:AGAP006814	3.53	2	1
5072	AGAP006823-PA	847	93.5	hypothetical protein|protein_coding|2L:38915890-38951679:1|gene:AGAP006823	0.71	2	1

5073	AGAP006824-PA	202	23.0	hypothetical protein|protein_coding|2L:38955767-38958292:-1|gene:AGAP006824	5.94	1	1
5074	AGAP006825-PA	1908	213.5	hypothetical protein|protein_coding|2L:38996806-39030002:1|gene:AGAP006825	0.37	1	1
5075	AGAP006832-PA	256	28.8	hypothetical protein|protein_coding|2L:39113820-39114665:1|gene:AGAP006832	5.08	2	1
5076	AGAP006839-PA	244	27.7	cuticular protein 67, RR-2 family|protein_coding|2L:39170858-39171972:1|gene:AGAP006839	8.2	2	1
5077	AGAP006859-PA	122	13.7	cuticular protein 66, RR-2 family|protein_coding|2L:39212866-39213312:1|gene:AGAP006859	10.66	2	1
5078	AGAP006862-PA	122	13.7	cuticular protein 35, RR-2 family|protein_coding|2L:39217701-39218069:1|gene:AGAP006862	10.66	2	1
5079	AGAP006863-PA	120	13.5	cuticular protein 65, RR-2 family|protein_coding|2L:39219764-39220196:-1|gene:AGAP006863	10.83	2	1
5080	AGAP006878-PA	117	13.8	hypothetical protein|protein_coding|2L:39318786-39319399:-1|gene:AGAP006878	4.27	1	1
5081	AGAP006909-PA	421	47.7	Serine Protease Inhibitor (serpin), likely cleavage at K/F.|protein_coding|2L:39889945-39893864:1|gene:AGAP006909	3.09	1	1
5082	AGAP006910-PA	418	47.1	Serine Protease Inhibitor (serpin), likely cleavage at T/I.|protein_coding|2L:39894843-39896338:1|gene:AGAP006910	3.11	1	1
5083	AGAP006915-PA	279	31.7	hypothetical protein|protein_coding|2L:39992013-39993168:1|gene:AGAP006915	4.66	1	1
5084	AGAP006921-PB	493	53.2	hypothetical protein|protein_coding|2L:40025757-40029213:1|gene:AGAP006921	2.43	1	1
5085	AGAP006923-PA	580	60.4	hypothetical protein|protein_coding|2L:40044234-40051309:-1|gene:AGAP006923	1.21	1	1
5086	AGAP006945-PA	871	96.7	hypothetical protein|protein_coding|2L:40195615-40198230:1|gene:AGAP006945	0.92	1	1
5087	AGAP006965-PA	1342	149.0	hypothetical protein|protein_coding|2L:40281223-40285900:1|gene:AGAP006965	1.27	1	1
5088	AGAP006967-PA	352	35.4	hypothetical protein|protein_coding|2L:40298219-40321888:-1|gene:AGAP006967	6.53	4	1
5089	AGAP006974-PA	812	92.5	Toll-like Receptor.|protein_coding|2L:40434581-40440489:-1|gene:AGAP006974	0.99	2	1
5090	AGAP006988-PA	699	78.6	hypothetical protein|protein_coding|2L:40480185-40482503:-1|gene:AGAP006988	1.14	3	1

5091	AGAP006994-PA	1055	118.4	hypothetical protein|protein_coding|2L:40513629-40518400:-1|gene:AGAP006994	1.42	1	1
5092	AGAP006997-PA	1011	114.6	hypothetical protein|protein_coding|2L:40538377-40541619:-1|gene:AGAP006997	1.98	1	1
5093	AGAP007000-PA	109	12.2	hypothetical protein|protein_coding|2L:40588430-40588839:-1|gene:AGAP007000	6.42	1	1
5094	AGAP007003-PA	381	41.7	hypothetical protein|protein_coding|2L:40592378-40593678:-1|gene:AGAP007003	2.1	1	1
5095	AGAP007006-PC	1571	170.1	hypothetical protein|protein_coding|2L:40740742-40759895:-1|gene:AGAP007006	0.7	2	1
5096	AGAP007019-PA	1186	135.9	hypothetical protein|protein_coding|2L:40995292-40999290:1|gene:AGAP007019	0.93	2	1
5097	AGAP007022-PA	934	99.1	hypothetical protein|protein_coding|2L:41006604-41009476:-1|gene:AGAP007022	2.03	1	1
5098	AGAP007025-PA	374	43.0	hypothetical protein|protein_coding|2L:41026812-41028128:1|gene:AGAP007025	2.14	1	1
5099	AGAP007032-PA	2037	224.0	hypothetical protein|protein_coding|2L:41245076-41251408:1|gene:AGAP007032	0.25	1	1
5100	AGAP007036-PA	428	49.4	Anopheles Plasmodium-responsive Leucine-Pich Repeat 1A|protein_coding|2L:41271509-41272874:-1|gene:AGAP007036	3.5	6	1
5101	AGAP007054-PA	581	63.9	hypothetical protein|protein_coding|2L:41884735-41887084:-1|gene:AGAP007054	2.41	2	1
5102	AGAP007064-PB	131	14.6	hypothetical protein|protein_coding|2L:42130685-42132809:1|gene:AGAP007064	29.01	1	1
5103	AGAP007089-PA	875	95.2	hypothetical protein|protein_coding|2L:42428859-42436130:1|gene:AGAP007089	1.49	1	1
5104	AGAP007093-PA	583	66.9	hypothetical protein|protein_coding|2L:42548453-42560458:-1|gene:AGAP007093	1.89	1	1
5105	AGAP007098-PA	332	36.4	hypothetical protein|protein_coding|2L:42580370-42581440:1|gene:AGAP007098	3.61	2	1
5106	AGAP007099-PA	1963	213.7	hypothetical protein|protein_coding|2L:42583659-42623914:-1|gene:AGAP007099	0.36	1	1
5107	AGAP007100-PA	1504	167.3	hypothetical protein|protein_coding|2L:42676356-42683998:1|gene:AGAP007100	1.06	3	1
5108	AGAP007102-PA	526	60.2	hypothetical protein|protein_coding|2L:42688304-42690014:1|gene:AGAP007102	2.28	1	1

5109	AGAP007106-PA	1385	153.9	hypothetical protein|protein_coding|2L:42800488-42807438:-1|gene:AGAP007106	0.79	1	1
5110	AGAP007111-PA	228	25.2	hypothetical protein|protein_coding|2L:42953258-42954424:1|gene:AGAP007111	7.46	2	1
5111	AGAP007115-PA	381	43.8	hypothetical protein|protein_coding|2L:43020238-43021915:1|gene:AGAP007115	1.57	1	1
5112	AGAP007126-PA	882	98.9	hypothetical protein|protein_coding|2L:43066288-43069315:-1|gene:AGAP007126	0.91	1	1
5113	AGAP007127-PA	237	26.4	hypothetical protein|protein_coding|2L:43076933-43098986:-1|gene:AGAP007127	8.44	2	1
5114	AGAP007136-PA	564	61.0	putative serotonin 5HT-1a receptor|protein_coding|2L:43457175-43461968:1|gene:AGAP007136	1.06	1	1
5115	AGAP007137-PB	680	75.5	hypothetical protein|protein_coding|2L:43520167-43523569:1|gene:AGAP007137	2.5	2	1
5116	AGAP007142-PA	251	27.2	hypothetical protein|protein_coding|2L:43564258-43565154:1|gene:AGAP007142	7.57	2	1
5117	AGAP007147-PA	162	18.8	hypothetical protein|protein_coding|2L:43578429-43578991:1|gene:AGAP007147	8.02	4	1
5118	AGAP007158-PA	207	23.7	hypothetical protein|protein_coding|2L:43598782-43599405:1|gene:AGAP007158	7.25	1	1
5119	AGAP007168-PA	523	59.8	hypothetical protein|protein_coding|2L:43757885-43759532:-1|gene:AGAP007168	2.1	1	1
5120	AGAP007180-PA	2328	244.6	hypothetical protein|protein_coding|2L:44029784-44052643:1|gene:AGAP007180	0.3	1	1
5121	AGAP007186-PA	2158	228.3	hypothetical protein|protein_coding|2L:44107541-44122327:-1|gene:AGAP007186	0.42	1	1
5122	AGAP007210-PA	285	32.1	hypothetical protein|protein_coding|2L:44345089-44360321:-1|gene:AGAP007210	10.88	2	1
5123	AGAP007211-PA	414	48.0	hypothetical protein|protein_coding|2L:44361268-44362678:1|gene:AGAP007211	4.11	1	1
5124	AGAP007212-PA	1288	147.1	hypothetical protein|protein_coding|2L:44362844-44366891:-1|gene:AGAP007212	0.85	1	1
5125	AGAP007213-PA	125	13.5	hypothetical protein|protein_coding|2L:44367385-44367839:1|gene:AGAP007213	10.4	1	1
5126	AGAP007241-PA	226	24.9	hypothetical protein|protein_coding|2L:44511157-44511837:1|gene:AGAP007241	4.87	1	1

5127	AGAP007248-PB	78	8.6	hypothetical protein|protein_coding|2L:44604460-44610983:1|gene:AGAP007248	20.51	2	1
5128	AGAP007255-PA	304	33.6	hypothetical protein|protein_coding|2L:44703655-44704638:1|gene:AGAP007255	4.61	2	1
5129	AGAP007283-PA	212	23.6	hypothetical protein|protein_coding|2L:45000529-45001413:-1|gene:AGAP007283	2.83	1	1
5130	AGAP007296-PA	125	14.1	hypothetical protein|protein_coding|2L:45065621-45066154:1|gene:AGAP007296	12.8	2	1
5131	AGAP007300-PA	571	62.2	hypothetical protein|protein_coding|2L:45096638-45098717:-1|gene:AGAP007300	1.58	2	1
5132	AGAP007311-PA	663	75.0	hypothetical protein|protein_coding|2L:45265943-45268624:1|gene:AGAP007311	1.06	1	1
5133	AGAP007320-PA	152	16.8	hypothetical protein|protein_coding|2L:45339426-45340121:-1|gene:AGAP007320	8.55	13	1
5134	AGAP007348-PB	492	57.3	hypothetical protein|protein_coding|2L:45981854-45986361:1|gene:AGAP007348	2.24	1	1
5135	AGAP007363-PA	180	20.0	hypothetical protein|protein_coding|2L:46079819-46080462:1|gene:AGAP007363	3.33	1	1
5136	AGAP007367-PA	665	72.9	hypothetical protein|protein_coding|2L:46097859-46108936:1|gene:AGAP007367	1.65	1	1
5137	AGAP007375-PA	623	66.3	hypothetical protein|protein_coding|2L:46161081-46172637:-1|gene:AGAP007375	3.37	3	1
5138	AGAP007387-PA	449	51.9	hypothetical protein|protein_coding|2L:46252202-46253620:-1|gene:AGAP007387	1.56	1	1
5139	AGAP007389-PA	789	86.9	hypothetical protein|protein_coding|2L:46274131-46276598:1|gene:AGAP007389	1.01	2	1
5140	AGAP007397-PA	272	30.4	hypothetical protein|protein_coding|2L:46315895-46316713:-1|gene:AGAP007397	5.88	4	1
5141	AGAP007400-PA	404	45.6	hypothetical protein|protein_coding|2L:46321756-46323685:-1|gene:AGAP007400	4.7	2	1
5142	AGAP007419-PA	396	44.1	hypothetical protein|protein_coding|2L:46530589-46532022:1|gene:AGAP007419	1.52	1	1
5143	AGAP007422-PB	750	83.0	hypothetical protein|protein_coding|2L:46555886-46559055:-1|gene:AGAP007422	2.4	1	1
5144	AGAP007446-PA	444	50.3	hypothetical protein|protein_coding|2L:46615803-46617204:1|gene:AGAP007446	1.58	1	1

5145	AGAP007458-PA	454	48.5	hypothetical protein|protein_coding|2L:46698927-46700291:1|gene:AGAP007458	3.08	1	1
5146	AGAP007476-PA	242	27.5	hypothetical protein|protein_coding|2L:46826749-46827477:-1|gene:AGAP007476	9.09	2	1
5147	AGAP007478-PA	1149	120.0	hypothetical protein|protein_coding|2L:46836246-46839909:1|gene:AGAP007478	1.48	1	1
5148	AGAP007488-PA	465	49.1	hypothetical protein|protein_coding|2L:46866898-46869560:1|gene:AGAP007488	1.29	1	1
5149	AGAP007502-PA	1092	123.8	hypothetical protein|protein_coding|2L:46969192-46972859:-1|gene:AGAP007502	0.55	1	1
5150	AGAP007503-PA	2058	216.5	hypothetical protein|protein_coding|2L:46973938-46982506:1|gene:AGAP007503	0.92	2	1
5151	AGAP007503-PB	717	76.6	hypothetical protein|protein_coding|2L:46973938-46976315:1|gene:AGAP007503	3.77	1	1
5152	AGAP007504-PA	1719	191.9	hypothetical protein|protein_coding|2L:46984090-46989863:-1|gene:AGAP007504	0.64	1	1
5153	AGAP007507-PA	184	21.2	hypothetical protein|protein_coding|2L:46994915-46996546:1|gene:AGAP007507	9.24	2	1
5154	AGAP007510-PA	527	60.1	hypothetical protein|protein_coding|2L:47000747-47002330:-1|gene:AGAP007510	1.71	1	1
5155	AGAP007512-PA	1779	190.4	hypothetical protein|protein_coding|2L:47076753-47106985:1|gene:AGAP007512	0.34	1	1
5156	AGAP007512-PB	1418	154.1	hypothetical protein|protein_coding|2L:47102027-47106985:1|gene:AGAP007512	0.85	1	1
5157	AGAP007520-PA	324	35.3	hypothetical protein|protein_coding|2L:47130289-47131654:1|gene:AGAP007520	4.01	2	1
5158	AGAP007521-PB	1053	110.7	hypothetical protein|protein_coding|2L:47135284-47141337:-1|gene:AGAP007521	0.66	1	1
5159	AGAP007529-PA	148	16.4	hypothetical protein|protein_coding|2L:47225558-47228434:-1|gene:AGAP007529	12.84	2	1
5160	AGAP007530-PA	1090	117.1	hypothetical protein|protein_coding|2L:47233659-47240278:-1|gene:AGAP007530	1.28	1	1
5161	AGAP007533-PA	1997	222.8	hypothetical protein|protein_coding|2L:47257183-47263360:1|gene:AGAP007533	0.4	2	1
5162	AGAP007535-PA	1054	111.2	hypothetical protein|protein_coding|2L:47273020-47276640:1|gene:AGAP007535	0.57	1	1

5163	AGAP007537-PB	815	89.5	hypothetical protein|protein_coding|2L:47339679-47343167:1|gene:AGAP007537	1.96	1	1
5164	AGAP007551-PA	356	41.4	hypothetical protein|protein_coding|2L:47535693-47537055:-1|gene:AGAP007551	4.78	2	1
5165	AGAP007556-PA	1262	139.3	hypothetical protein|protein_coding|2L:47549851-47555220:-1|gene:AGAP007556	1.27	1	1
5166	AGAP007560-PA	1064	119.5	hypothetical protein|protein_coding|2L:47565374-47575530:1|gene:AGAP007560	0.85	1	1
5167	AGAP007567-PA	719	78.9	hypothetical protein|protein_coding|2L:47731032-47757668:1|gene:AGAP007567	1.11	1	1
5168	AGAP007568-PA	1508	167.4	hypothetical protein|protein_coding|2L:47760436-47765112:-1|gene:AGAP007568	0.4	1	1
5169	AGAP007573-PA	2705	287.8	hypothetical protein|protein_coding|2L:47776621-47786534:-1|gene:AGAP007573	0.67	1	1
5170	AGAP007578-PA	1277	142.3	hypothetical protein|protein_coding|2L:47796760-47800788:-1|gene:AGAP007578	0.55	2	1
5171	AGAP007583-PB	146	16.6	hypothetical protein|protein_coding|2L:47813561-47815098:-1|gene:AGAP007583	11.64	1	1
5172	AGAP007584-PA	569	63.0	hypothetical protein|protein_coding|2L:47825009-47834354:1|gene:AGAP007584	2.28	1	1
5173	AGAP007590-PA	799	85.1	hypothetical protein|protein_coding|2L:48040450-48044005:1|gene:AGAP007590	0.88	1	1
5174	AGAP007594-PA	202	23.4	hypothetical protein|protein_coding|2L:48095382-48096195:-1|gene:AGAP007594	4.95	1	1
5175	AGAP007598-PA	428	47.7	hypothetical protein|protein_coding|2L:48131910-48133372:1|gene:AGAP007598	2.34	2	1
5176	AGAP007599-PA	289	33.1	hypothetical protein|protein_coding|2L:48134559-48137521:-1|gene:AGAP007599	5.54	3	1
5177	AGAP007600-PA	1227	132.5	hypothetical protein|protein_coding|2L:48140640-48145310:-1|gene:AGAP007600	0.65	1	1
5178	AGAP007606-PA	536	59.2	hypothetical protein|protein_coding|2L:48174135-48179583:1|gene:AGAP007606	2.99	2	1
5179	AGAP007614-PA	75	8.8	hypothetical protein|protein_coding|2L:48281024-48281346:-1|gene:AGAP007614	17.33	1	1
5180	AGAP007617-PA	1174	129.5	hypothetical protein|protein_coding|2L:48335917-48339648:-1|gene:AGAP007617	0.68	1	1

5181	AGAP007621-PA	67	7.5	hypothetical protein|protein_coding|2L:48354815-48355245:1|gene:AGAP007621	8.96	1	1
5182	AGAP007631-PA	1121	128.5	hypothetical protein|protein_coding|2L:48484740-48489417:1|gene:AGAP007631	1.43	1	1
5183	AGAP007632-PA	306	35.2	hypothetical protein|protein_coding|2L:48489832-48490944:1|gene:AGAP007632	5.88	2	1
5184	AGAP007634-PA	380	43.6	hypothetical protein|protein_coding|2L:48512501-48513779:-1|gene:AGAP007634	2.37	1	1
5185	AGAP007635-PA	256	29.5	hypothetical protein|protein_coding|2L:48514537-48515307:1|gene:AGAP007635	6.64	2	1
5186	AGAP007637-PA	571	66.1	hypothetical protein|protein_coding|2L:48537847-48539641:1|gene:AGAP007637	3.85	1	1
5187	AGAP007645-PA	1714	188.6	hypothetical protein|protein_coding|2L:48630243-48635984:-1|gene:AGAP007645	0.82	1	1
5188	AGAP007658-PA	329	36.0	hypothetical protein|protein_coding|2L:48820789-48821860:1|gene:AGAP007658	4.26	1	1
5189	AGAP007667-PA	547	59.4	hypothetical protein|protein_coding|2L:48880305-48886130:1|gene:AGAP007667	2.19	3	1
5190	AGAP007672-PA	554	61.8	hypothetical protein|protein_coding|2L:48894404-48897751:-1|gene:AGAP007672	1.08	1	1
5191	AGAP007688-PA	1074	119.6	hypothetical protein|protein_coding|2L:49068618-49074719:-1|gene:AGAP007688	0.74	1	1
5192	AGAP007689-PA	429	47.5	hypothetical protein|protein_coding|2L:49075964-49077337:1|gene:AGAP007689	3.26	2	1
5193	AGAP007691-PA	331	37.4	Serine Protease Inhibitor (serpin) homologue - unlikely to be inhibitory.|protein_coding|2L:49087283-49088278:1|gene:AGAP007691	4.23	1	1
5194	AGAP007701-PA	423	46.8	Protein CLP1 homolog|protein_coding|2L:49136681-49138024:-1|gene:AGAP007701	1.89	1	1
5195	AGAP007702-PA	153	16.7	hypothetical protein|protein_coding|2L:49138259-49138800:1|gene:AGAP007702	15.69	3	1
5196	AGAP007706-PA	871	98.6	hypothetical protein|protein_coding|2L:49143204-49146053:-1|gene:AGAP007706	1.95	2	1
5197	AGAP007710-PA	590	68.1	hypothetical protein|protein_coding|2L:49171517-49173289:-1|gene:AGAP007710	2.88	4	1
5198	AGAP007712-PA	1376	154.2	hypothetical protein|protein_coding|2L:49181034-49190951:1|gene:AGAP007712	0.65	2	1

5199	AGAP007714-PA	272	31.2	hypothetical protein|protein_coding|2L:49198718-49199672:1|gene:AGAP007714	3.68	1	1
5200	AGAP007715-PA	1403	155.9	hypothetical protein|protein_coding|2L:49201073-49210231:-1|gene:AGAP007715	0.57	4	1
5201	AGAP007719-PA	201	23.8	hypothetical protein|protein_coding|2L:49261122-49262083:-1|gene:AGAP007719	2.99	1	1
5202	AGAP007723-PA	1165	131.9	hypothetical protein|protein_coding|2L:49281061-49307497:-1|gene:AGAP007723	0.86	1	1
5203	AGAP007732-PB	500	54.9	hypothetical protein|protein_coding|3R:31718-38945:1|gene:AGAP007732	1.4	2	1
5204	AGAP007738-PA	506	56.6	hypothetical protein|protein_coding|3R:166770-168358:1|gene:AGAP007738	3.56	2	1
5205	AGAP007743-PA	524	56.2	hypothetical protein|protein_coding|3R:183895-191933:1|gene:AGAP007743	1.53	1	1
5206	AGAP007751-PA	188	19.9	hypothetical protein|protein_coding|3R:254027-255599:1|gene:AGAP007751	5.32	1	1
5207	AGAP007758-PA	720	81.6	hypothetical protein|protein_coding|3R:317615-323910:1|gene:AGAP007758	1.53	2	1
5208	AGAP007759-PA	314	35.0	hypothetical protein|protein_coding|3R:360240-371654:1|gene:AGAP007759	4.46	3	1
5209	AGAP007765-PA	459	52.1	hypothetical protein|protein_coding|3R:498481-500928:-1|gene:AGAP007765	4.58	1	1
5210	AGAP007767-PA	368	40.8	hypothetical protein|protein_coding|3R:505362-506559:-1|gene:AGAP007767	2.45	4	1
5211	AGAP007769-PA	341	38.3	hypothetical protein|protein_coding|3R:509235-510341:-1|gene:AGAP007769	1.47	1	1
5212	AGAP007775-PA	668	73.9	hypothetical protein|protein_coding|3R:612051-614127:1|gene:AGAP007775	1.05	1	1
5213	AGAP007779-PA	500	55.3	hypothetical protein|protein_coding|3R:751509-753482:-1|gene:AGAP007779	2.8	1	1
5214	AGAP007789-PA	564	63.0	hypothetical protein|protein_coding|3R:863586-871317:1|gene:AGAP007789	0.89	1	1
5215	AGAP007792-PA	1289	142.7	hypothetical protein|protein_coding|3R:916499-944086:-1|gene:AGAP007792	1.24	1	1
5216	AGAP007796-PA	785	90.0	hypothetical protein|protein_coding|3R:1071597-1074159:-1|gene:AGAP007796	1.91	2	1
5217	AGAP007807-PA	458	50.9	hypothetical protein|protein_coding|3R:1269696-1276293:1|gene:AGAP007807	2.84	1	1

5218	AGAP007818-PA	388	44.0	hypothetical protein|protein_coding|3R:1374396-1377661:-1|gene:AGAP007818	3.87	1	1
5219	AGAP007823-PA	1230	138.9	hypothetical protein|protein_coding|3R:1436009-1440692:1|gene:AGAP007823	0.65	1	1
5220	AGAP007829-PA	847	95.6	hypothetical protein|protein_coding|3R:1494129-1499745:-1|gene:AGAP007829	0.59	1	1
5221	AGAP007833-PA	1604	173.8	hypothetical protein|protein_coding|3R:1524552-1529558:1|gene:AGAP007833	1.87	1	1
5222	AGAP007845-PA	318	35.8	hypothetical protein|protein_coding|3R:1859143-1860164:1|gene:AGAP007845	3.77	2	1
5223	AGAP007863-PA	693	77.1	hypothetical protein|protein_coding|3R:2347965-2352971:1|gene:AGAP007863	1.44	1	1
5224	AGAP007865-PA	1909	207.3	hypothetical protein|protein_coding|3R:2360133-2366327:1|gene:AGAP007865	0.31	1	1
5225	AGAP007872-PA	218	25.4	hypothetical protein|protein_coding|3R:2404198-2404962:-1|gene:AGAP007872	5.05	2	1
5226	AGAP007875-PA	641	70.5	hypothetical protein|protein_coding|3R:2417829-2419754:1|gene:AGAP007875	1.09	1	1
5227	AGAP007878-PA	505	54.5	hypothetical protein|protein_coding|3R:2456409-2458069:1|gene:AGAP007878	5.94	1	1
5228	AGAP007880-PA	315	35.3	hypothetical protein|protein_coding|3R:2461233-2462248:1|gene:AGAP007880	2.86	1	1
5229	AGAP007886-PB	123	14.3	hypothetical protein|protein_coding|3R:2472738-2474568:-1|gene:AGAP007886	6.5	2	1
5230	AGAP007893-PA	121	13.7	hypothetical protein|protein_coding|3R:2560378-2560814:1|gene:AGAP007893	19.01	2	1
5231	AGAP007900-PA	1062	117.4	hypothetical protein|protein_coding|3R:2576518-2579805:-1|gene:AGAP007900	0.66	2	1
5232	AGAP007903-PB	489	53.2	hypothetical protein|protein_coding|3R:2607366-2609001:1|gene:AGAP007903	3.48	4	1
5233	AGAP007906-PA	79	8.7	hypothetical protein|protein_coding|3R:2639446-2639682:-1|gene:AGAP007906	20.25	8	1
5234	AGAP007911-PA	672	77.2	hypothetical protein|protein_coding|3R:2717869-2720124:1|gene:AGAP007911	1.04	2	1
5235	AGAP007922-PA	130	14.8	hypothetical protein|protein_coding|3R:2838297-2838771:-1|gene:AGAP007922	14.62	1	1

5236	AGAP007924-PA	5167	559.9	hypothetical protein|protein_coding|3R:2856038-2897844:-1|gene:AGAP007924	0.23	1	1
5237	AGAP007937-PA	267	30.1	hypothetical protein|protein_coding|3R:3212679-3213482:-1|gene:AGAP007937	7.12	1	1
5238	AGAP007949-PA	85	10.0	hypothetical protein|protein_coding|3R:3265715-3266100:1|gene:AGAP007949	8.24	2	1
5239	AGAP007950-PA	312	35.0	hypothetical protein|protein_coding|3R:3273702-3274640:-1|gene:AGAP007950	5.45	2	1
5240	AGAP007953-PA	1048	118.7	hypothetical protein|protein_coding|3R:3286187-3289406:1|gene:AGAP007953	0.76	1	1
5241	AGAP007965-PA	470	52.5	hypothetical protein|protein_coding|3R:3384349-3385919:-1|gene:AGAP007965	3.19	1	1
5242	AGAP007968-PA	386	42.3	hypothetical protein|protein_coding|3R:3391734-3393236:1|gene:AGAP007968	2.33	1	1
5243	AGAP007980-PA	167	17.6	hypothetical protein|protein_coding|3R:3648647-3649500:1|gene:AGAP007980	10.18	21	1
5244	AGAP007997-PA	125	13.4	hypothetical protein|protein_coding|3R:3970964-3971341:1|gene:AGAP007997	18.4	1	1
5245	AGAP008017-PC	2286	251.3	hypothetical protein|protein_coding|3R:4264162-4273785:1|gene:AGAP008017	0.92	2	1
5246	AGAP008020-PA	179	21.0	hypothetical protein|protein_coding|3R:4324289-4324985:1|gene:AGAP008020	11.73	2	1
5247	AGAP008037-PA	513	59.6	hypothetical protein|protein_coding|3R:4789456-4791140:-1|gene:AGAP008037	2.14	3	1
5248	AGAP008038-PA	89	10.2	hypothetical protein|protein_coding|3R:4791620-4791936:1|gene:AGAP008038	8.99	1	1
5249	AGAP008041-PA	316	37.5	hypothetical protein|protein_coding|3R:4800980-4802442:1|gene:AGAP008041	6.65	1	1
5250	AGAP008047-PA	2172	241.4	hypothetical protein|protein_coding|3R:4850248-4856766:1|gene:AGAP008047	0.6	1	1
5251	AGAP008050-PA	500	55.4	hypothetical protein|protein_coding|3R:4862845-4864782:-1|gene:AGAP008050	2.2	4	1
5252	AGAP008059-PB	123	14.3	hypothetical protein|protein_coding|3R:4931666-4932382:1|gene:AGAP008059	6.5	2	1
5253	AGAP008072-PA	1053	119.4	hypothetical protein|protein_coding|3R:5067619-5085292:1|gene:AGAP008072	0.66	1	1

5254	AGAP008085-PA	1199	134.9	hypothetical protein|protein_coding|3R:5290827-5295046:1|gene:AGAP008085	1	1	1
5255	AGAP008092-PB	203	22.8	hypothetical protein|protein_coding|3R:5406865-5407605:-1|gene:AGAP008092	7.88	1	1
5256	AGAP008095-PA	1196	136.8	hypothetical protein|protein_coding|3R:5632541-5636592:1|gene:AGAP008095	1	1	1
5257	AGAP008099-PA	167	19.2	Ubiquitin-fold modifier-conjugating enzyme 1 (Ufm1-conjugating enzyme 1)|protein_coding|3R:5663282-5663991:1|gene:AGAP008099	5.99	2	1
5258	AGAP008100-PA	571	63.5	hypothetical protein|protein_coding|3R:5666799-5685022:-1|gene:AGAP008100	2.98	1	1
5259	AGAP008111-PA	392	44.4	hypothetical protein|protein_coding|3R:5829034-5830434:-1|gene:AGAP008111	2.81	1	1
5260	AGAP008130-PA	707	77.4	hypothetical protein|protein_coding|3R:6003811-6005991:1|gene:AGAP008130	1.56	1	1
5261	AGAP008137-PA	1306	144.1	hypothetical protein|protein_coding|3R:6072566-6086672:1|gene:AGAP008137	1.23	1	1
5262	AGAP008151-PA	1134	128.2	hypothetical protein|protein_coding|3R:6212809-6216312:-1|gene:AGAP008151	1.5	1	1
5263	AGAP008152-PA	1113	125.0	hypothetical protein|protein_coding|3R:6219262-6227237:1|gene:AGAP008152	0.54	1	1
5264	AGAP008159-PA	696	79.6	hypothetical protein|protein_coding|3R:6265851-6268157:-1|gene:AGAP008159	3.16	2	1
5265	AGAP008160-PA	733	81.5	hypothetical protein|protein_coding|3R:6271131-6275812:1|gene:AGAP008160	1.5	1	1
5266	AGAP008184-PA	1135	127.3	hypothetical protein|protein_coding|3R:6445311-6450617:-1|gene:AGAP008184	0.79	4	1
5267	AGAP008199-PA	615	65.4	hypothetical protein|protein_coding|3R:6688077-6692983:1|gene:AGAP008199	1.14	1	1
5268	AGAP008201-PA	510	58.2	hypothetical protein|protein_coding|3R:6774812-6785494:-1|gene:AGAP008201	3.73	2	1
5269	AGAP008205-PA	499	56.5	hypothetical protein|protein_coding|3R:6906804-6908373:-1|gene:AGAP008205	1.8	1	1
5270	AGAP008208-PA	504	58.4	hypothetical protein|protein_coding|3R:6913769-6915359:-1|gene:AGAP008208	1.79	1	1
5271	AGAP008223-PA	710	77.0	hypothetical protein|protein_coding|3R:7143325-7145780:1|gene:AGAP008223	1.27	2	1

5272	AGAP008234-PA	140	16.0	hypothetical protein|protein_coding|3R:7544828-7545393:-1|gene:AGAP008234	9.29	1	1
5273	AGAP008239-PA	1051	119.9	hypothetical protein|protein_coding|3R:7566776-7571675:-1|gene:AGAP008239	1.43	2	1
5274	AGAP008258-PA	356	41.0	hypothetical protein|protein_coding|3R:8060976-8062122:1|gene:AGAP008258	2.53	1	1
5275	AGAP008262-PA	900	105.6	hypothetical protein|protein_coding|3R:8074829-8077702:1|gene:AGAP008262	0.78	1	1
5276	AGAP008275-PA	429	50.1	hypothetical protein|protein_coding|3R:8464644-8466095:-1|gene:AGAP008275	4.66	1	1
5277	AGAP008299-PA	375	42.1	hypothetical protein|protein_coding|3R:8741099-8742313:1|gene:AGAP008299	5.87	3	1
5278	AGAP008304-PA	833	93.1	hypothetical protein|protein_coding|3R:8755798-8802163:1|gene:AGAP008304	1.44	2	1
5279	AGAP008310-PA	420	47.6	hypothetical protein|protein_coding|3R:8849058-8851787:1|gene:AGAP008310	3.33	1	1
5280	AGAP008317-PA	599	67.1	hypothetical protein|protein_coding|3R:8912976-8943500:1|gene:AGAP008317	1.5	2	1
5281	AGAP008319-PA	171	19.4	hypothetical protein|protein_coding|3R:8966535-8967421:1|gene:AGAP008319	6.43	1	1
5282	AGAP008322-PA	262	29.5	hypothetical protein|protein_coding|3R:9112439-9113227:-1|gene:AGAP008322	3.05	1	1
5283	AGAP008325-PA	265	29.4	hypothetical protein|protein_coding|3R:9141589-9142476:-1|gene:AGAP008325	9.81	1	1
5284	AGAP008326-PA	696	80.8	hypothetical protein|protein_coding|3R:9143119-9145275:-1|gene:AGAP008326	2.59	1	1
5285	AGAP008330-PA	587	67.4	hypothetical protein|protein_coding|3R:9182220-9184232:-1|gene:AGAP008330	2.56	1	1
5286	AGAP008334-PA	732	79.2	hypothetical protein|protein_coding|3R:9394117-9397061:1|gene:AGAP008334	0.96	3	1
5287	AGAP008357-PA	1054	112.7	hypothetical protein|protein_coding|3R:9870960-9890463:-1|gene:AGAP008357	0.57	1	1
5288	AGAP008360-PA	310	33.8	hypothetical protein|protein_coding|3R:10027665-10032497:-1|gene:AGAP008360	6.45	2	1
5289	AGAP008392-PA	315	35.1	hypothetical protein|protein_coding|3R:10259243-10260344:-1|gene:AGAP008392	6.03	1	1

5290	AGAP008393-PA	128	15.0	hypothetical protein|protein_coding|3R:10260871-10261413:1|gene:AGAP008393	17.97	2	1
5291	AGAP008402-PA	124	14.7	hypothetical protein|protein_coding|3R:10355384-10355822:-1|gene:AGAP008402	13.71	1	1
5292	AGAP008405-PA	251	29.5	hypothetical protein|protein_coding|3R:10362610-10363448:-1|gene:AGAP008405	5.18	2	1
5293	AGAP008423-PA	411	46.3	hypothetical protein|protein_coding|3R:10577993-10593948:-1|gene:AGAP008423	4.14	1	1
5294	AGAP008425-PA	202	23.0	hypothetical protein|protein_coding|3R:10595919-10596654:-1|gene:AGAP008425	8.42	1	1
5295	AGAP008427-PA	590	70.1	hypothetical protein|protein_coding|3R:10599615-10601435:-1|gene:AGAP008427	2.37	2	1
5296	AGAP008433-PA	526	59.8	hypothetical protein|protein_coding|3R:10617606-10620230:-1|gene:AGAP008433	2.47	2	1
5297	AGAP008435-PA	1242	139.0	hypothetical protein|protein_coding|3R:10708510-10716911:1|gene:AGAP008435	0.48	2	1
5298	AGAP008440-PA	326	37.5	hypothetical protein|protein_coding|3R:10813156-10814311:1|gene:AGAP008440	5.21	2	1
5299	AGAP008441-PA	567	62.7	hypothetical protein|protein_coding|3R:10816432-10818195:1|gene:AGAP008441	1.06	1	1
5300	AGAP008442-PA	155	17.8	hypothetical protein|protein_coding|3R:10821572-10823036:-1|gene:AGAP008442	13.55	2	1
5301	AGAP008443-PA	148	17.3	hypothetical protein|protein_coding|3R:10838193-10858410:-1|gene:AGAP008443	8.11	1	1
5302	AGAP008444-PA	125	12.0	Cuticular protein 1, CPLCG family|protein_coding|3R:10866569-10867012:1|gene:AGAP008444	21.6	139	1
5303	AGAP008445-PA	108	11.7	Cuticular protein 2, CPLCG family|protein_coding|3R:10868447-10868874:-1|gene:AGAP008445	25	4	1
5304	AGAP008447-PA	120	11.8	hypothetical protein|protein_coding|3R:10873379-10873819:1|gene:AGAP008447	22.5	79	1
5305	AGAP008459-PA	123	12.8	Cuticular protein 15 in CPLCG family|protein_coding|3R:10897827-10898198:1|gene:AGAP008459	21.95	49	1
5306	AGAP008473-PA	1200	129.6	hypothetical protein|protein_coding|3R:10992235-11009160:-1|gene:AGAP008473	1.58	1	1
5307	AGAP008483-PA	301	34.4	hypothetical protein|protein_coding|3R:11136584-11137648:-1|gene:AGAP008483	3.65	1	1

5308	AGAP008490-PA	507	56.1	hypothetical protein|protein_coding|3R:11308044-11309706:-1|gene:AGAP008490	3.35	2	1
5309	AGAP008497-PA	389	43.7	hypothetical protein|protein_coding|3R:11335150-11336618:1|gene:AGAP008497	4.11	1	1
5310	AGAP008515-PA	640	70.5	hypothetical protein|protein_coding|3R:11684778-11693298:1|gene:AGAP008515	0.94	1	1
5311	AGAP008535-PA	1877	210.6	hypothetical protein|protein_coding|3R:12029046-12045305:-1|gene:AGAP008535	0.64	1	1
5312	AGAP008536-PA	526	57.3	hypothetical protein|protein_coding|3R:12132463-12135993:1|gene:AGAP008536	3.42	1	1
5313	AGAP008537-PA	333	37.0	hypothetical protein|protein_coding|3R:12145951-12147108:1|gene:AGAP008537	6.01	1	1
5314	AGAP008538-PA	676	73.9	hypothetical protein|protein_coding|3R:12152313-12170666:-1|gene:AGAP008538	2.37	2	1
5315	AGAP008540-PA	574	64.8	hypothetical protein|protein_coding|3R:12309227-12311022:1|gene:AGAP008540	1.92	1	1
5316	AGAP008541-PA	402	46.4	hypothetical protein|protein_coding|3R:12311320-12312824:-1|gene:AGAP008541	4.23	1	1
5317	AGAP008552-PA	533	60.8	hypothetical protein|protein_coding|3R:12569038-12574028:1|gene:AGAP008552	1.31	1	1
5318	AGAP008556-PA	809	86.6	hypothetical protein|protein_coding|3R:12691341-12701320:1|gene:AGAP008556	1.11	1	1
5319	AGAP008559-PA	1705	184.7	hypothetical protein|protein_coding|3R:12719126-12766182:1|gene:AGAP008559	0.35	1	1
5320	AGAP008572-PA	225	25.5	hypothetical protein|protein_coding|3R:13081374-13082051:-1|gene:AGAP008572	8.89	2	1
5321	AGAP008588-PA	533	60.9	hypothetical protein|protein_coding|3R:13330840-13390088:-1|gene:AGAP008588	3.19	2	1
5322	AGAP008611-PA	887	102.8	hypothetical protein|protein_coding|3R:13576810-13586748:1|gene:AGAP008611	0.9	1	1
5323	AGAP008614-PA	473	53.7	hypothetical protein|protein_coding|3R:13682963-13687063:-1|gene:AGAP008614	1.27	1	1
5324	AGAP008619-PA	357	38.3	hypothetical protein|protein_coding|3R:13717423-13718628:1|gene:AGAP008619	4.76	2	1
5325	AGAP008625-PA	1038	114.7	putative smoothened receptor|protein_coding|3R:13732951-13736564:1|gene:AGAP008625	1.06	3	1

5326	AGAP008626-PA	256	28.9	hypothetical protein|protein_coding|3R:13739328-13740290:-1|gene:AGAP008626	2.34	1	1
5327	AGAP008635-PA	676	78.7	hypothetical protein|protein_coding|3R:13792846-13795011:1|gene:AGAP008635	1.04	2	1
5328	AGAP008636-PA	968	108.9	hypothetical protein|protein_coding|3R:13799460-13803699:-1|gene:AGAP008636	0.93	1	1
5329	AGAP008644-PA	647	73.0	putative metabotropic glutamate receptor 2|protein_coding|3R:13869742-13877658:-1|gene:AGAP008644	4.48	2	1
5330	AGAP008647-PA	283	31.3	hypothetical protein|protein_coding|3R:13939380-13940623:1|gene:AGAP008647	6.36	2	1
5331	AGAP008648-PA	206	23.0	hypothetical protein|protein_coding|3R:13985444-13986205:1|gene:AGAP008648	7.28	2	1
5332	AGAP008661-PA	424	51.5	hypothetical protein|protein_coding|3R:14565312-14566796:-1|gene:AGAP008661	2.12	1	1
5333	AGAP008669-PA	147	16.8	hypothetical protein|protein_coding|3R:14646237-14646756:-1|gene:AGAP008669	13.61	1	1
5334	AGAP008672-PA	1214	137.8	hypothetical protein|protein_coding|3R:14657892-14663421:-1|gene:AGAP008672	0.74	1	1
5335	AGAP008674-PA	526	59.0	hypothetical protein|protein_coding|3R:14674018-14677613:-1|gene:AGAP008674	1.52	1	1
5336	AGAP008680-PA	239	27.0	hypothetical protein|protein_coding|3R:14786734-14800912:-1|gene:AGAP008680	4.6	1	1
5337	AGAP008683-PA	429	48.1	hypothetical protein|protein_coding|3R:14835090-14836578:-1|gene:AGAP008683	1.4	10	1
5338	AGAP008686-PA	462	52.8	hypothetical protein|protein_coding|3R:14842290-14843741:1|gene:AGAP008686	3.25	5	1
5339	AGAP008694-PA	528	62.2	hypothetical protein|protein_coding|3R:14950926-14953774:1|gene:AGAP008694	1.14	1	1
5340	AGAP008697-PA	365	40.1	hypothetical protein|protein_coding|3R:15349110-15351997:-1|gene:AGAP008697	7.4	2	1
5341	AGAP008698-PA	2083	230.7	hypothetical protein|protein_coding|3R:15402875-15413725:1|gene:AGAP008698	0.62	1	1
5342	AGAP008700-PA	518	59.5	hypothetical protein|protein_coding|3R:15519054-15533807:1|gene:AGAP008700	1.93	4	1
5343	AGAP008702-PA	268	30.9	putative neuropeptide receptor 2|protein_coding|3R:15617448-15620601:-1|gene:AGAP008702	8.58	1	1

5344	AGAP008714-PA	363	41.1	hypothetical protein|protein_coding|3R:15949265-15950815:-1|gene:AGAP008714	4.13	1	1
5345	AGAP008718-PA	733	81.4	hypothetical protein|protein_coding|3R:16011067-16017215:1|gene:AGAP008718	2.05	1	1
5346	AGAP008735-PA	268	30.9	hypothetical protein|protein_coding|3R:16320621-16321714:-1|gene:AGAP008735	2.99	8	1
5347	AGAP008737-PA	382	44.5	hypothetical protein|protein_coding|3R:16377732-16387753:1|gene:AGAP008737	4.45	1	1
5348	AGAP008756-PA	327	36.2	hypothetical protein|protein_coding|3R:17130067-17131211:-1|gene:AGAP008756	3.67	1	1
5349	AGAP008757-PA	229	25.3	hypothetical protein|protein_coding|3R:17131916-17132811:1|gene:AGAP008757	6.55	2	1
5350	AGAP008763-PA	485	53.5	hypothetical protein|protein_coding|3R:17164197-17169165:-1|gene:AGAP008763	3.71	1	1
5351	AGAP008765-PA	305	34.3	hypothetical protein|protein_coding|3R:17214848-17215765:1|gene:AGAP008765	3.61	5	1
5352	AGAP008773-PA	148	16.6	hypothetical protein|protein_coding|3R:17390989-17391500:-1|gene:AGAP008773	6.08	1	1
5353	AGAP008799-PA	156	17.5	hypothetical protein|protein_coding|3R:17962027-17962494:1|gene:AGAP008799	4.49	2	1
5354	AGAP008819-PA	1429	158.9	putative epidermal growth factor receptor|protein_coding|3R:18394584-18399261:-1|gene:AGAP008819	0.56	1	1
5355	AGAP008828-PA	300	32.3	hypothetical protein|protein_coding|3R:19097873-19098843:-1|gene:AGAP008828	5.33	2	1
5356	AGAP008831-PA	527	59.3	hypothetical protein|protein_coding|3R:19121510-19123177:-1|gene:AGAP008831	2.66	1	1
5357	AGAP008836-PA	449	51.4	hypothetical protein|protein_coding|3R:19285945-19287364:-1|gene:AGAP008836	1.34	2	1
5358	AGAP008844-PA	426	47.8	AGAP008844-PA|Galectin.|protein_coding|3R:19381895-19383175:-1|gene:AGAP008844	3.05	1	1
5359	AGAP008846-PA	356	40.3	hypothetical protein|protein_coding|3R:19390558-19391757:1|gene:AGAP008846	3.09	1	1
5360	AGAP008847-PA	695	79.2	hypothetical protein|protein_coding|3R:19391805-19394117:-1|gene:AGAP008847	0.86	1	1
5361	AGAP008848-PA	1025	117.5	hypothetical protein|protein_coding|3R:19395968-19401441:-1|gene:AGAP008848	0.68	5	1

5362	AGAP008859-PA	1789	182.9	hypothetical protein|protein_coding|3R:19648495-19663594:-1|gene:AGAP008859	1.06	2	1
5363	AGAP008879-PC	98	11.0	hypothetical protein|protein_coding|3R:20249818-20253671:1|gene:AGAP008879	13.27	1	1
5364	AGAP008885-PA	543	61.7	hypothetical protein|protein_coding|3R:20282677-20284641:1|gene:AGAP008885	1.84	2	1
5365	AGAP008886-PA	253	28.6	hypothetical protein|protein_coding|3R:20285403-20286371:1|gene:AGAP008886	2.77	3	1
5366	AGAP008887-PA	731	81.2	hypothetical protein|protein_coding|3R:20286994-20295005:1|gene:AGAP008887	3.56	1	1
5367	AGAP008892-PA	412	37.5	hypothetical protein|protein_coding|3R:20451556-20453324:1|gene:AGAP008892	7.52	1	1
5368	AGAP008897-PA	101	12.4	hypothetical protein|protein_coding|3R:20507010-20513341:1|gene:AGAP008897	21.78	2	1
5369	AGAP008910-PA	458	51.3	hypothetical protein|protein_coding|3R:20629311-20632202:1|gene:AGAP008910	1.97	1	1
5370	AGAP008912-PA	629	70.5	hypothetical protein|protein_coding|3R:20661636-20663579:-1|gene:AGAP008912	1.59	1	1
5371	AGAP008924-PA	284	30.3	hypothetical protein|protein_coding|3R:21046557-21047411:1|gene:AGAP008924	9.15	1	1
5372	AGAP008925-PA	587	66.5	hypothetical protein|protein_coding|3R:21067727-21069717:-1|gene:AGAP008925	2.39	2	1
5373	AGAP008973-PA	668	75.7	hypothetical protein|protein_coding|3R:22368724-22370961:-1|gene:AGAP008973	2.4	1	1
5374	AGAP008974-PA	144	16.7	hypothetical protein|protein_coding|3R:22373118-22373859:1|gene:AGAP008974	17.36	3	1
5375	AGAP008976-PA	489	57.3	hypothetical protein|protein_coding|3R:22409942-22411507:1|gene:AGAP008976	1.23	1	1
5376	AGAP008985-PA	474	54.2	hypothetical protein|protein_coding|3R:22689837-22691427:1|gene:AGAP008985	4.01	1	1
5377	AGAP009006-PA	401	44.5	hypothetical protein|protein_coding|3R:23234262-23241345:1|gene:AGAP009006	2.24	1	1
5378	AGAP009008-PA	1076	115.8	hypothetical protein|protein_coding|3R:23393009-23400299:-1|gene:AGAP009008	0.93	2	1
5379	AGAP009016-PA	271	30.8	hypothetical protein|protein_coding|3R:23609803-23611749:1|gene:AGAP009016	2.58	2	1

5380	AGAP009020-PA	286	31.8	hypothetical protein|protein_coding|3R:23739315-23740557:1|gene:AGAP009020	2.1	1	1
5381	AGAP009023-PA	478	54.0	Probable cytosolic Fe-S cluster assembly factor AGAP009023|protein_coding|3R:23775796-23777500:-1|gene:AGAP009023	3.35	1	1
5382	AGAP009025-PA	989	111.9	hypothetical protein|protein_coding|3R:23787411-23825290:-1|gene:AGAP009025	0.81	3	1
5383	AGAP009026-PA	236	27.1	hypothetical protein|protein_coding|3R:24092997-24093980:-1|gene:AGAP009026	5.93	2	1
5384	AGAP009026-PB	226	25.5	hypothetical protein|protein_coding|3R:24093135-24093974:-1|gene:AGAP009026	4.87	2	1
5385	AGAP009027-PA	983	111.4	hypothetical protein|protein_coding|3R:24095240-24098260:-1|gene:AGAP009027	0.71	1	1
5386	AGAP009029-PA	684	78.0	Protein real-time|protein_coding|3R:24311514-24334526:1|gene:AGAP009029	1.75	2	1
5387	AGAP009030-PA	828	91.7	hypothetical protein|protein_coding|3R:24345991-24351173:-1|gene:AGAP009030	1.69	1	1
5388	AGAP009039-PA	259	29.9	hypothetical protein|protein_coding|3R:24525671-24526679:1|gene:AGAP009039	6.95	1	1
5389	AGAP009046-PA	503	56.3	hypothetical protein|protein_coding|3R:24679530-24681041:1|gene:AGAP009046	3.18	1	1
5390	AGAP009052-PA	84	9.2	hypothetical protein|protein_coding|3R:24806990-24807244:-1|gene:AGAP009052	20.24	17	1
5391	AGAP009069-PA	449	51.1	hypothetical protein|protein_coding|3R:25408581-25410248:-1|gene:AGAP009069	2.45	1	1
5392	AGAP009079-PA	565	64.1	hypothetical protein|protein_coding|3R:25444938-25446768:-1|gene:AGAP009079	2.12	1	1
5393	AGAP009081-PA	179	20.4	hypothetical protein|protein_coding|3R:25449748-25450540:-1|gene:AGAP009081	8.38	3	1
5394	AGAP009093-PA	895	103.1	hypothetical protein|protein_coding|3R:25567887-25570742:-1|gene:AGAP009093	1.34	2	1
5395	AGAP009098-PA	766	86.4	hypothetical protein|protein_coding|3R:25583824-25586349:-1|gene:AGAP009098	1.31	1	1
5396	AGAP009107-PA	262	30.3	hypothetical protein|protein_coding|3R:25652312-25653161:1|gene:AGAP009107	5.73	1	1
5397	AGAP009110-PA	372	42.0	hypothetical protein|protein_coding|3R:25663537-25664729:-1|gene:AGAP009110	2.42	6	1

5398	AGAP009116-PA	156	18.1	hypothetical protein|protein_coding|3R:26153615-26154265:-1|gene:AGAP009116	6.41	2	1
5399	AGAP009117-PA	537	61.0	hypothetical protein|protein_coding|3R:26156302-26178870:-1|gene:AGAP009117	2.61	4	1
5400	AGAP009129-PA	557	65.1	hypothetical protein|protein_coding|3R:26436117-26438228:-1|gene:AGAP009129	1.97	1	1
5401	AGAP009141-PA	645	72.0	Mediator of RNA polymerase II transcription subunit 17 (Mediator complex subunit 17)|protein_coding|3R:27388236-27390334:-1|gene:AGAP009141	2.95	2	1
5402	AGAP009146-PA	300	33.4	hypothetical protein|protein_coding|3R:27504921-27505898:1|gene:AGAP009146	4.33	1	1
5403	AGAP009162-PA	237	26.0	hypothetical protein|protein_coding|3R:27937442-27938152:-1|gene:AGAP009162	4.64	1	1
5404	AGAP009166-PA	794	90.9	IMD pathway signalling, I-Kappa-B Kinase 1 (IKK1, IKK-beta). (ird5 orthologue, immune response deficient 5)|protein_coding|3R:28045440-28048127:-1|gene:AGAP009166	1.26	1	1
5405	AGAP009169-PA	193	19.6	hypothetical protein|protein_coding|3R:28090576-28101774:1|gene:AGAP009169	20.73	2	1
5406	AGAP009175-PA	403	46.9	hypothetical protein|protein_coding|3R:28123814-28125025:1|gene:AGAP009175	3.47	1	1
5407	AGAP009179-PA	264	29.4	hypothetical protein|protein_coding|3R:28156396-28157254:-1|gene:AGAP009179	2.27	4	1
5408	AGAP009180-PA	1552	173.8	hypothetical protein|protein_coding|3R:28164611-28180138:1|gene:AGAP009180	0.97	2	1
5409	AGAP009188-PA	320	33.7	hypothetical protein|protein_coding|3R:28573966-28574993:1|gene:AGAP009188	5.63	2	1
5410	AGAP009200-PB	800	79.2	hypothetical protein|protein_coding|3R:28617101-28620808:-1|gene:AGAP009200	1.63	2	1
5411	AGAP009206-PA	132	14.6	hypothetical protein|protein_coding|3R:28676926-28677635:-1|gene:AGAP009206	14.39	2	1
5412	AGAP009217-PA	341	37.9	Clip-Domain Serine Protease, family B. Protease homologue.|protein_coding|3R:28842176-28843507:1|gene:AGAP009217	2.35	1	1
5413	AGAP009225-PA	327	35.9	hypothetical protein|protein_coding|3R:28891875-28893111:-1|gene:AGAP009225	8.26	1	1
5414	AGAP009232-PA	870	97.9	hypothetical protein|protein_coding|3R:29060012-29083273:1|gene:AGAP009232	0.8	1	1
5415	AGAP009239-PA	1877	204.9	hypothetical protein|protein_coding|3R:29093874-29101058:-1|gene:AGAP009239	0.32	1	1

5416	AGAP009254-PA	374	39.6	hypothetical protein|protein_coding|3R:29956811-29966905:-1|gene:AGAP009254	6.68	2	1
5417	AGAP009259-PA	486	55.5	hypothetical protein|protein_coding|3R:30025394-30027054:-1|gene:AGAP009259	7	1	1
5418	AGAP009261-PA	1481	161.2	hypothetical protein|protein_coding|3R:30056030-30068292:1|gene:AGAP009261	2.03	2	1
5419	AGAP009269-PA	113	12.8	hypothetical protein|protein_coding|3R:30307873-30308214:-1|gene:AGAP009269	5.31	1	1
5420	AGAP009285-PA	1465	158.7	hypothetical protein|protein_coding|3R:30769255-30784848:1|gene:AGAP009285	0.75	5	1
5421	AGAP009290-PA	2071	231.1	hypothetical protein|protein_coding|3R:30859656-30868908:1|gene:AGAP009290	0.58	1	1
5422	AGAP009292-PA	378	43.6	hypothetical protein|protein_coding|3R:30876947-30878083:-1|gene:AGAP009292	1.85	4	1
5423	AGAP009295-PA	1328	148.2	hypothetical protein|protein_coding|3R:30904981-30909668:1|gene:AGAP009295	0.68	1	1
5424	AGAP009296-PA	426	45.5	hypothetical protein|protein_coding|3R:30910614-30912248:-1|gene:AGAP009296	5.16	2	1
5425	AGAP009303-PA	1749	190.6	hypothetical protein|protein_coding|3R:30941498-30949446:-1|gene:AGAP009303	1.09	2	1
5426	AGAP009304-PA	374	43.2	hypothetical protein|protein_coding|3R:31017679-31018949:1|gene:AGAP009304	3.48	1	1
5427	AGAP009307-PA	955	103.9	hypothetical protein|protein_coding|3R:31126995-31130156:-1|gene:AGAP009307	1.47	1	1
5428	AGAP009322-PA	216	25.0	hypothetical protein|protein_coding|3R:31265593-31266436:1|gene:AGAP009322	4.17	1	1
5429	AGAP009331-PA	568	63.7	hypothetical protein|protein_coding|3R:31485838-31501564:1|gene:AGAP009331	2.46	1	1
5430	AGAP009334-PA	208	21.8	hypothetical protein|protein_coding|3R:31531981-31532607:-1|gene:AGAP009334	5.29	1	1
5431	AGAP009341-PA	278	31.6	hypothetical protein|protein_coding|3R:31546155-31546993:1|gene:AGAP009341	4.68	4	1
5432	AGAP009370-PA	98	11.2	hypothetical protein|protein_coding|3R:31819572-31819929:-1|gene:AGAP009370	7.14	1	1
5433	AGAP009374-PA	510	58.1	hypothetical protein|protein_coding|3R:31842847-31844432:-1|gene:AGAP009374	3.33	1	1

5434	AGAP009376-PA	92	10.7	hypothetical protein|protein_coding|3R:31850326-31852822:-1|gene:AGAP009376	15.22	1	1
5435	AGAP009389-PA	2198	234.4	hypothetical protein|protein_coding|3R:31942431-32078060:-1|gene:AGAP009389	0.55	5	1
5436	AGAP009389-PB	1970	207.0	hypothetical protein|protein_coding|3R:31947846-32078060:-1|gene:AGAP009389	0.41	1	1
5437	AGAP009424-PA	906	98.3	hypothetical protein|protein_coding|3R:32996233-32999404:1|gene:AGAP009424	1.55	1	1
5438	AGAP009429-PA	75	7.8	hypothetical protein|protein_coding|3R:33439646-33439961:1|gene:AGAP009429	12	2	1
5439	AGAP009438-PA	827	93.9	hypothetical protein|protein_coding|3R:33488887-33491572:-1|gene:AGAP009438	2.18	1	1
5440	AGAP009458-PA	230	25.5	hypothetical protein|protein_coding|3R:33813353-33814045:-1|gene:AGAP009458	6.09	2	1
5441	AGAP009465-PA	201	22.9	hypothetical protein|protein_coding|3R:33994954-33999605:1|gene:AGAP009465	3.98	1	1
5442	AGAP009472-PA	198	21.5	hypothetical protein|protein_coding|3R:34021704-34022352:1|gene:AGAP009472	3.54	1	1
5443	AGAP009475-PA	43	4.9	hypothetical protein|protein_coding|3R:34251999-34268765:1|gene:AGAP009475	20.93	1	1
5444	AGAP009487-PA	1337	146.4	hypothetical protein|protein_coding|3R:34698322-34703418:-1|gene:AGAP009487	0.75	5	1
5445	AGAP009492-PA	72	8.3	hypothetical protein|protein_coding|3R:34712616-34712834:-1|gene:AGAP009492	18.06	2	1
5446	AGAP009503-PA	499	55.0	hypothetical protein|protein_coding|3R:34959674-34961344:-1|gene:AGAP009503	4.61	1	1
5447	AGAP009506-PA	350	38.9	hypothetical protein|protein_coding|3R:34966165-34967364:1|gene:AGAP009506	7.71	1	1
5448	AGAP009511-PA	2929	317.0	hypothetical protein|protein_coding|3R:34991195-35004104:-1|gene:AGAP009511	0.61	1	1
5449	AGAP009513-PA	384	40.2	hypothetical protein|protein_coding|3R:35025588-35030224:-1|gene:AGAP009513	2.34	24	1
5450	AGAP009514-PA	1115	124.3	putative GABA-B receptor 3|protein_coding|3R:35049851-35054224:1|gene:AGAP009514	0.54	1	1
5451	AGAP009515-PA	696	75.8	TOLL pathway signalling, NF-kappaB Relish-like transcription factor.|protein_coding|3R:35054895-35074818:-1|gene:AGAP009515	2.3	2	1

5452	AGAP009521-PA	303	33.9	hypothetical protein|protein_coding|3R:35211557-35212543:-1|gene:AGAP009521	2.97	1	1
5453	AGAP009527-PA	94	10.4	hypothetical protein|protein_coding|3R:35369054-35369338:1|gene:AGAP009527	12.77	1	1
5454	AGAP009531-PA	617	66.4	hypothetical protein|protein_coding|3R:35415701-35419761:-1|gene:AGAP009531	2.27	1	1
5455	AGAP009533-PA	869	92.4	hypothetical protein|protein_coding|3R:35432310-35435232:-1|gene:AGAP009533	0.81	1	1
5456	AGAP009543-PA	130	14.9	hypothetical protein|protein_coding|3R:35932246-35932781:1|gene:AGAP009543	19.23	2	1
5457	AGAP009544-PA	246	27.8	hypothetical protein|protein_coding|3R:35935093-35936044:1|gene:AGAP009544	6.91	2	1
5458	AGAP009545-PA	113	11.4	hypothetical protein|protein_coding|3R:35936860-35937201:1|gene:AGAP009545	13.27	2	1
5459	AGAP009547-PA	347	39.1	hypothetical protein|protein_coding|3R:35944845-35946265:1|gene:AGAP009547	5.76	1	1
5460	AGAP009556-PA	190	22.4	hypothetical protein|protein_coding|3R:36127568-36145659:1|gene:AGAP009556	7.89	1	1
5461	AGAP009563-PA	599	68.9	hypothetical protein|protein_coding|3R:36259773-36261934:-1|gene:AGAP009563	2.5	2	1
5462	AGAP009565-PA	667	76.1	hypothetical protein|protein_coding|3R:36265130-36267360:1|gene:AGAP009565	2.1	1	1
5463	AGAP009577-PA	945	98.9	hypothetical protein|protein_coding|3R:36438952-36451397:-1|gene:AGAP009577	1.8	1	1
5464	AGAP009587-PA	606	66.9	hypothetical protein|protein_coding|3R:36689165-36691619:1|gene:AGAP009587	3.63	2	1
5465	AGAP009601-PA	1098	115.2	hypothetical protein|protein_coding|3R:36946140-36952331:-1|gene:AGAP009601	0.82	1	1
5466	AGAP009613-PA	227	26.5	hypothetical protein|protein_coding|3R:37007017-37007764:-1|gene:AGAP009613	3.08	2	1
5467	AGAP009616-PA	116	12.9	hypothetical protein|protein_coding|3R:37041715-37042140:1|gene:AGAP009616	14.66	7	1
5468	AGAP009628-PA	324	37.7	hypothetical protein|protein_coding|3R:37275842-37300372:1|gene:AGAP009628	3.09	3	1
5469	AGAP009630-PA	410	46.5	hypothetical protein|protein_coding|3R:37327033-37329264:1|gene:AGAP009630	1.71	3	1

5470	AGAP009632-PA	1128	128.6	hypothetical protein|protein_coding|3R:37344766-37348430:1|gene:AGAP009632	0.98	1	1
5471	AGAP009643-PA	1097	123.1	hypothetical protein|protein_coding|3R:37490023-37501471:1|gene:AGAP009643	1	1	1
5472	AGAP009650-PA	230	26.4	hypothetical protein|protein_coding|3R:37619758-37620625:-1|gene:AGAP009650	4.35	1	1
5473	AGAP009655-PA	1427	161.2	hypothetical protein|protein_coding|3R:37629060-37653347:1|gene:AGAP009655	0.42	1	1
5474	AGAP009674-PA	611	69.6	hypothetical protein|protein_coding|3R:38244710-38246603:1|gene:AGAP009674	0.98	1	1
5475	AGAP009677-PA	123	14.0	hypothetical protein|protein_coding|3R:38306520-38314791:1|gene:AGAP009677	4.07	1	1
5476	AGAP009686-PA	220	26.2	hypothetical protein|protein_coding|3R:38668747-38669409:1|gene:AGAP009686	5.91	6	1
5477	AGAP009693-PA	494	56.4	hypothetical protein|protein_coding|3R:38928089-38955669:1|gene:AGAP009693	5.06	2	1
5478	AGAP009713-PA	359	40.0	hypothetical protein|protein_coding|3R:39509734-39526193:-1|gene:AGAP009713	6.96	2	1
5479	AGAP009720-PA	386	44.8	candidate odorant receptor|protein_coding|3R:40915985-40919120:-1|gene:AGAP009720	2.07	1	1
5480	AGAP009727-PA	579	65.1	hypothetical protein|protein_coding|3R:41808324-41812817:-1|gene:AGAP009727	2.76	2	1
5481	AGAP009744-PA	276	30.6	hypothetical protein|protein_coding|3R:42077781-42087339:-1|gene:AGAP009744	5.8	4	1
5482	AGAP009745-PA	499	55.0	hypothetical protein|protein_coding|3R:42109696-42111648:-1|gene:AGAP009745	2.4	1	1
5483	AGAP009747-PA	237	26.3	hypothetical protein|protein_coding|3R:42130171-42130968:-1|gene:AGAP009747	12.24	1	1
5484	AGAP009765-PA	701	79.7	hypothetical protein|protein_coding|3R:42477770-42480533:1|gene:AGAP009765	1.71	1	1
5485	AGAP009789-PA	440	51.5	hypothetical protein|protein_coding|3R:43297338-43299433:-1|gene:AGAP009789	1.82	1	1
5486	AGAP009799-PA	2025	224.7	hypothetical protein|protein_coding|3R:43583856-43641381:-1|gene:AGAP009799	0.44	1	1
5487	AGAP009800-PA	206	23.8	hypothetical protein|protein_coding|3R:43652479-43653176:1|gene:AGAP009800	3.88	1	1

5488	AGAP009805-PF	399	45.7	gustatory receptor|protein_coding|3R:43676455-43689891:-1|gene:AGAP009805	2.76	2	1
5489	AGAP009814-PA	619	72.4	hypothetical protein|protein_coding|3R:43769903-43771873:-1|gene:AGAP009814	1.13	1	1
5490	AGAP009819-PA	450	48.9	hypothetical protein|protein_coding|3R:43790061-43795485:1|gene:AGAP009819	2.89	2	1
5491	AGAP009821-PA	362	40.6	hypothetical protein|protein_coding|3R:43801376-43802935:1|gene:AGAP009821	3.59	1	1
5492	AGAP009826-PA	659	73.1	hypothetical protein|protein_coding|3R:43821376-43824617:-1|gene:AGAP009826	1.06	1	1
5493	AGAP009837-PA	156	17.0	hypothetical protein|protein_coding|3R:44076316-44077094:1|gene:AGAP009837	9.62	2	1
5494	AGAP009843-PA	257	29.8	hypothetical protein|protein_coding|3R:44098717-44099995:-1|gene:AGAP009843	3.5	1	1
5495	AGAP009847-PA	1302	145.0	hypothetical protein|protein_coding|3R:44114246-44122918:-1|gene:AGAP009847	0.54	3	1
5496	AGAP009871-PA	134	14.3	cuticular protein 75, RR-1 family|protein_coding|3R:44607075-44608893:-1|gene:AGAP009871	23.13	2	1
5497	AGAP009877-PA	386	35.1	cuticular protein 79, RR-1 family|protein_coding|3R:44663896-44669668:-1|gene:AGAP009877	2.59	1	1
5498	AGAP009887-PA	324	36.7	hypothetical protein|protein_coding|3R:44749094-44750168:1|gene:AGAP009887	3.4	2	1
5499	AGAP009893-PA	413	46.8	hypothetical protein|protein_coding|3R:44900146-44901903:1|gene:AGAP009893	3.15	1	1
5500	AGAP009913-PA	618	68.2	hypothetical protein|protein_coding|3R:45204863-45206950:1|gene:AGAP009913	2.1	1	1
5501	AGAP009914-PA	328	37.2	hypothetical protein|protein_coding|3R:45209655-45211007:-1|gene:AGAP009914	3.66	4	1
5502	AGAP009916-PB	3320	377.0	hypothetical protein|protein_coding|3R:45250604-45279514:1|gene:AGAP009916	0.18	1	1
5503	AGAP009925-PA	886	96.8	Protein naked cuticle homolog|protein_coding|3R:45349133-45390739:1|gene:AGAP009925	1.13	2	1
5504	AGAP009928-PA	674	73.1	hypothetical protein|protein_coding|3R:45404704-45413937:1|gene:AGAP009928	2.08	2	1
5505	AGAP009930-PA	473	50.2	hypothetical protein|protein_coding|3R:45432718-45434937:-1|gene:AGAP009930	1.27	1	1

5506	AGAP009940-PA	299	34.4	hypothetical protein|protein_coding|3R:45725343-45750578:-1|gene:AGAP009940	3.34	2	1
5507	AGAP009943-PA	566	64.0	hypothetical protein|protein_coding|3R:45767293-45769185:-1|gene:AGAP009943	1.77	2	1
5508	AGAP009948-PA	150	17.3	hypothetical protein|protein_coding|3R:46015469-46015921:1|gene:AGAP009948	9.33	2	1
5509	AGAP009958-PA	221	26.7	hypothetical protein|protein_coding|3R:46570723-46573700:1|gene:AGAP009958	5.88	2	1
5510	AGAP009961-PA	635	73.2	hypothetical protein|protein_coding|3R:46649629-46654760:1|gene:AGAP009961	2.05	1	1
5511	AGAP009966-PA	288	31.2	hypothetical protein|protein_coding|3R:46876221-46877163:1|gene:AGAP009966	2.08	1	1
5512	AGAP009967-PA	218	24.5	hypothetical protein|protein_coding|3R:46899178-46899834:1|gene:AGAP009967	2.75	1	1
5513	AGAP009969-PA	113	12.8	hypothetical protein|protein_coding|3R:46901588-46901929:1|gene:AGAP009969	8.85	2	1
5514	AGAP009980-PA	881	101.4	hypothetical protein|protein_coding|3R:47088268-47091343:1|gene:AGAP009980	0.68	1	1
5515	AGAP009981-PA	150	15.8	hypothetical protein|protein_coding|3R:47099377-47099925:1|gene:AGAP009981	4.67	1	1
5516	AGAP009990-PA	5072	533.7	hypothetical protein|protein_coding|3R:47306822-47327239:1|gene:AGAP009990	0.18	1	1
5517	AGAP009992-PA	273	30.6	hypothetical protein|protein_coding|3R:47334784-47336402:1|gene:AGAP009992	8.06	1	1
5518	AGAP009995-PA	431	48.5	hypothetical protein|protein_coding|3R:47378262-47382240:-1|gene:AGAP009995	2.78	2	1
5519	AGAP009996-PA	161	18.0	hypothetical protein|protein_coding|3R:47428384-47428936:1|gene:AGAP009996	11.8	2	1
5520	AGAP010005-PA	629	72.3	hypothetical protein|protein_coding|3R:47545943-47547904:1|gene:AGAP010005	3.5	1	1
5521	AGAP010006-PA	989	107.4	hypothetical protein|protein_coding|3R:47548657-47552495:1|gene:AGAP010006	1.82	1	1
5522	AGAP010026-PA	1438	160.7	hypothetical protein|protein_coding|3R:47969184-47990172:1|gene:AGAP010026	0.63	5	1
5523	AGAP010028-PA	1025	113.5	hypothetical protein|protein_coding|3R:47998780-48004259:-1|gene:AGAP010028	0.78	1	1

5524	AGAP010035-PA	1295	143.8	hypothetical protein|protein_coding|3R:48065354-48069423:1|gene:AGAP010035	1.47	1	1
5525	AGAP010042-PA	822	91.7	hypothetical protein|protein_coding|3R:48139906-48144077:-1|gene:AGAP010042	2.07	1	1
5526	AGAP010050-PA	709	79.2	hypothetical protein|protein_coding|3R:48336898-48341947:1|gene:AGAP010050	3.67	1	1
5527	AGAP010054-PA	830	90.0	hypothetical protein|protein_coding|3R:48410190-48413405:1|gene:AGAP010054	1.81	1	1
5528	AGAP010055-PA	816	92.6	hypothetical protein|protein_coding|3R:48451436-48466287:1|gene:AGAP010055	0.74	1	1
5529	AGAP010060-PA	305	34.4	hypothetical protein|protein_coding|3R:48501423-48502635:1|gene:AGAP010060	7.54	1	1
5530	AGAP010070-PA	175	18.6	hypothetical protein|protein_coding|3R:48596688-48597455:1|gene:AGAP010070	9.71	1	1
5531	AGAP010072-PA	140	15.1	hypothetical protein|protein_coding|3R:48617799-48618302:1|gene:AGAP010072	7.86	1	1
5532	AGAP010078-PA	504	57.5	hypothetical protein|protein_coding|3R:48656887-48658401:-1|gene:AGAP010078	1.19	1	1
5533	AGAP010086-PA	568	64.6	hypothetical protein|protein_coding|3R:48685713-48687496:-1|gene:AGAP010086	2.29	2	1
5534	AGAP010090-PA	1229	140.1	hypothetical protein|protein_coding|3R:48817865-48821944:-1|gene:AGAP010090	0.9	1	1
5535	AGAP010093-PA	263	28.7	hypothetical protein|protein_coding|3R:48863994-48868239:-1|gene:AGAP010093	8.37	2	1
5536	AGAP010095-PA	247	27.6	cuticular protein 82, RR-2 family|protein_coding|3R:49072076-49072921:1|gene:AGAP010095	10.12	1	1
5537	AGAP010109-PA	135	15.2	hypothetical protein|protein_coding|3R:49182656-49183063:1|gene:AGAP010109	5.19	1	1
5538	AGAP010135-PA	401	45.5	hypothetical protein|protein_coding|3R:49310146-49311812:-1|gene:AGAP010135	3.24	1	1
5539	AGAP010136-PA	149	16.3	hypothetical protein|protein_coding|3R:49317276-49317725:-1|gene:AGAP010136	4.7	1	1
5540	AGAP010143-PB	448	49.0	hypothetical protein|protein_coding|3R:49410003-49413763:1|gene:AGAP010143	4.24	3	1
5541	AGAP010153-PA	213	23.9	hypothetical protein|protein_coding|3R:49515450-49516150:-1|gene:AGAP010153	5.16	2	1

5542	AGAP010171-PA	565	62.3	hypothetical protein|protein_coding|3R:49892245-49894025:1|gene:AGAP010171	2.3	1	1
5543	AGAP010181-PA	190	22.1	hypothetical protein|protein_coding|3R:49957996-49958568:-1|gene:AGAP010181	8.42	1	1
5544	AGAP010201-PA	650	70.0	hypothetical protein|protein_coding|3R:50614349-50653786:-1|gene:AGAP010201	4.46	1	1
5545	AGAP010202-PA	1355	148.3	hypothetical protein|protein_coding|3R:50680411-50686377:-1|gene:AGAP010202	1.48	2	1
5546	AGAP010203-PA	741	83.3	hypothetical protein|protein_coding|3R:50688708-50692248:-1|gene:AGAP010203	1.75	1	1
5547	AGAP010207-PA	1360	151.8	hypothetical protein|protein_coding|3R:50715494-50720053:1|gene:AGAP010207	0.59	1	1
5548	AGAP010210-PA	199	20.9	hypothetical protein|protein_coding|3R:50835738-50836499:1|gene:AGAP010210	10.05	1	1
5549	AGAP010218-PA	1337	149.6	hypothetical protein|protein_coding|3R:50851907-50871670:1|gene:AGAP010218	0.45	1	1
5550	AGAP010227-PA	52	5.9	hypothetical protein|protein_coding|3R:51289810-51290064:1|gene:AGAP010227	17.31	2	1
5551	AGAP010254-PA	300	37.0	hypothetical protein|protein_coding|3R:51684949-51687015:1|gene:AGAP010254	2.67	3	1
5552	AGAP010261-PA	1541	173.5	hypothetical protein|protein_coding|3R:51760383-51777762:-1|gene:AGAP010261	0.97	1	1
5553	AGAP010268-PA	311	35.5	hypothetical protein|protein_coding|3R:51882123-51883354:1|gene:AGAP010268	5.14	4	1
5554	AGAP010269-PA	1023	113.7	hypothetical protein|protein_coding|3R:51888596-51891751:-1|gene:AGAP010269	1.27	3	1
5555	AGAP010270-PA	84	9.5	hypothetical protein|protein_coding|3R:51911177-51911514:1|gene:AGAP010270	23.81	2	1
5556	AGAP010277-PA	107	12.5	hypothetical protein|protein_coding|3R:51946202-51946687:1|gene:AGAP010277	14.02	1	1
5557	AGAP010281-PA	805	91.0	putative GABA-B receptor 1|protein_coding|3R:51987526-52014754:-1|gene:AGAP010281	0.99	1	1
5558	AGAP010283-PA	354	39.8	hypothetical protein|protein_coding|3R:52044379-52059885:1|gene:AGAP010283	1.98	1	1
5559	AGAP010292-PA	762	88.4	hypothetical protein|protein_coding|3R:52301036-52349685:-1|gene:AGAP010292	2.49	1	1

5560	AGAP010303-PA	695	78.2	hypothetical protein|protein_coding|3R:52903957-52937612:-1|gene:AGAP010303	2.59	4	1
5561	AGAP010304-PA	418	47.0	hypothetical protein|protein_coding|3R:52986490-52995971:1|gene:AGAP010304	4.07	1	1
5562	AGAP010305-PA	446	51.1	hypothetical protein|protein_coding|3R:53005021-53006361:1|gene:AGAP010305	4.26	2	1
5563	AGAP010320-PA	197	22.2	hypothetical protein|protein_coding|3L:643811-644467:-1|gene:AGAP010320	8.12	1	1
5564	AGAP010341-PA	245	28.6	hypothetical protein|protein_coding|3L:1793165-1793899:-1|gene:AGAP010341	2.45	2	1
5565	AGAP010346-PA	584	68.5	hypothetical protein|protein_coding|3L:1914241-1916364:1|gene:AGAP010346	0.86	1	1
5566	AGAP010348-PA	332	37.5	hypothetical protein|protein_coding|3L:1920959-1922186:-1|gene:AGAP010348	4.82	1	1
5567	AGAP010353-PA	689	77.9	hypothetical protein|protein_coding|3L:1960079-1962374:1|gene:AGAP010353	1.02	4	1
5568	AGAP010370-PA	468	50.9	hypothetical protein|protein_coding|3L:2281721-2284998:1|gene:AGAP010370	2.56	1	1
5569	AGAP010391-PA	204	22.7	hypothetical protein|protein_coding|3L:2586943-2587651:1|gene:AGAP010391	2.45	1	1
5570	AGAP010393-PA	1300	148.4	hypothetical protein|protein_coding|3L:2602789-2608798:1|gene:AGAP010393	1.31	1	1
5571	AGAP010411-PA	828	93.5	hypothetical protein|protein_coding|3L:2867458-2870025:-1|gene:AGAP010411	0.85	1	1
5572	AGAP010416-PA	1497	167.5	hypothetical protein|protein_coding|3L:2980485-2986477:-1|gene:AGAP010416	0.8	1	1
5573	AGAP010422-PA	427	47.9	hypothetical protein|protein_coding|3L:3068630-3073413:1|gene:AGAP010422	2.11	3	1
5574	AGAP010435-PA	4486	513.6	hypothetical protein|protein_coding|3L:3313175-3329775:-1|gene:AGAP010435	0.29	1	1
5575	AGAP010436-PA	1250	137.8	hypothetical protein|protein_coding|3L:3337016-3361913:-1|gene:AGAP010436	1.44	7	1
5576	AGAP010449-PA	126	14.4	hypothetical protein|protein_coding|3L:3855188-3855624:-1|gene:AGAP010449	9.52	2	1
5577	AGAP010450-PA	297	32.9	hypothetical protein|protein_coding|3L:3858750-3859706:1|gene:AGAP010450	4.38	3	1

5578	AGAP010456-PA	157	18.0	hypothetical protein|protein_coding|3L:3890328-3891780:-1|gene:AGAP010456	7.64	1	1
5579	AGAP010462-PA	1529	172.0	hypothetical protein|protein_coding|3L:3936755-3943812:-1|gene:AGAP010462	0.92	2	1
5580	AGAP010466-PA	685	73.8	hypothetical protein|protein_coding|3L:3968207-3981503:-1|gene:AGAP010466	1.75	1	1
5581	AGAP010467-PA	312	34.7	hypothetical protein|protein_coding|3L:3969542-3976423:1|gene:AGAP010467	4.17	2	1
5582	AGAP010481-PA	611	68.8	hypothetical protein|protein_coding|3L:4232894-4235209:-1|gene:AGAP010481	1.15	1	1
5583	AGAP010483-PA	303	32.9	hypothetical protein|protein_coding|3L:4266604-4267584:-1|gene:AGAP010483	6.27	2	1
5584	AGAP010488-PA	298	34.4	hypothetical protein|protein_coding|3L:4938943-4940035:-1|gene:AGAP010488	7.38	7	1
5585	AGAP010493-PA	433	49.0	hypothetical protein|protein_coding|3L:5034597-5036026:1|gene:AGAP010493	2.77	2	1
5586	AGAP010518-PA	849	94.5	hypothetical protein|protein_coding|3L:5584080-5586965:-1|gene:AGAP010518	0.94	1	1
5587	AGAP010539-PA	841	91.4	hypothetical protein|protein_coding|3L:5823672-5827165:1|gene:AGAP010539	4.04	1	1
5588	AGAP010546-PA	295	32.8	hypothetical protein|protein_coding|3L:6061444-6062806:1|gene:AGAP010546	6.1	2	1
5589	AGAP010552-PA	149	17.4	hypothetical protein|protein_coding|3L:6294912-6297108:1|gene:AGAP010552	8.05	1	1
5590	AGAP010556-PA	876	100.7	hypothetical protein|protein_coding|3L:6359175-6363496:-1|gene:AGAP010556	1.94	1	1
5591	AGAP010561-PA	381	41.6	hypothetical protein|protein_coding|3L:6390515-6391736:1|gene:AGAP010561	3.41	2	1
5592	AGAP010568-PA	400	44.9	hypothetical protein|protein_coding|3L:6437208-6438871:-1|gene:AGAP010568	2.75	2	1
5593	AGAP010580-PA	186	20.5	hypothetical protein|protein_coding|3L:6474765-6475491:1|gene:AGAP010580	8.06	3	1
5594	AGAP010581-PA	250	28.9	hypothetical protein|protein_coding|3L:6491990-6494898:1|gene:AGAP010581	5.6	2	1
5595	AGAP010602-PA	160	18.0	hypothetical protein|protein_coding|3L:7103762-7104326:-1|gene:AGAP010602	7.5	2	1

5596	AGAP010614-PA	266	28.0	hypothetical protein|protein_coding|3L:7192085-7193076:-1|gene:AGAP010614	4.14	1	1
5597	AGAP010625-PA	231	25.2	hypothetical protein|protein_coding|3L:7402080-7403827:-1|gene:AGAP010625	6.49	2	1
5598	AGAP010627-PA	146	16.6	hypothetical protein|protein_coding|3L:7467742-7468248:-1|gene:AGAP010627	9.59	1	1
5599	AGAP010633-PA	322	35.0	hypothetical protein|protein_coding|3L:7673218-7674243:1|gene:AGAP010633	2.17	1	1
5600	AGAP010634-PA	131	15.6	hypothetical protein|protein_coding|3L:7680363-7680814:1|gene:AGAP010634	3.82	1	1
5601	AGAP010636-PA	945	106.9	Toll-like Receptor.|protein_coding|3L:7767929-7770895:1|gene:AGAP010636	0.63	2	1
5602	AGAP010641-PA	591	62.0	hypothetical protein|protein_coding|3L:7909516-7916865:-1|gene:AGAP010641	2.88	2	1
5603	AGAP010647-PA	128	14.3	hypothetical protein|protein_coding|3L:7954381-7954764:-1|gene:AGAP010647	10.94	5	1
5604	AGAP010653-PA	369	40.8	hypothetical protein|protein_coding|3L:8018339-8021381:-1|gene:AGAP010653	2.71	1	1
5605	AGAP010655-PA	3043	343.6	hypothetical protein|protein_coding|3L:8053874-8083316:-1|gene:AGAP010655	0.33	1	1
5606	AGAP010663-PA	161	17.2	hypothetical protein|protein_coding|3L:8162815-8163418:-1|gene:AGAP010663	6.21	2	1
5607	AGAP010671-PA	584	65.4	hypothetical protein|protein_coding|3L:8203776-8205663:1|gene:AGAP010671	1.88	2	1
5608	AGAP010676-PA	1111	123.4	hypothetical protein|protein_coding|3L:8277617-8288257:-1|gene:AGAP010676	0.54	5	1
5609	AGAP010685-PA	210	23.7	hypothetical protein|protein_coding|3L:8357469-8358168:-1|gene:AGAP010685	5.24	1	1
5610	AGAP010686-PA	1693	185.9	hypothetical protein|protein_coding|3L:8359894-8368453:-1|gene:AGAP010686	0.35	2	1
5611	AGAP010696-PA	294	32.8	hypothetical protein|protein_coding|3L:8701560-8702733:1|gene:AGAP010696	8.5	1	1
5612	AGAP010697-PA	2062	218.7	hypothetical protein|protein_coding|3L:8705862-8712845:-1|gene:AGAP010697	0.87	2	1
5613	AGAP010698-PA	353	39.6	hypothetical protein|protein_coding|3L:8715709-8716992:1|gene:AGAP010698	7.93	1	1

5614	AGAP010710-PA	952	106.8	hypothetical protein|protein_coding|3L:8895757-8899831:1|gene:AGAP010710	1.05	1	1
5615	AGAP010722-PA	621	70.0	hypothetical protein|protein_coding|3L:8985409-8987389:1|gene:AGAP010722	1.77	2	1
5616	AGAP010727-PA	189	19.4	hypothetical protein|protein_coding|3L:9005931-9008397:-1|gene:AGAP010727	7.94	1	1
5617	AGAP010731-PA	369	40.8	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:9015547-9016866:1|gene:AGAP010731	6.23	7	1
5618	AGAP010767-PA	1932	211.1	hypothetical protein|protein_coding|3L:10025766-10070878:-1|gene:AGAP010767	0.57	1	1
5619	AGAP010768-PA	255	28.9	hypothetical protein|protein_coding|3L:10101271-10102258:-1|gene:AGAP010768	6.27	1	1
5620	AGAP010788-PA	503	57.5	hypothetical protein|protein_coding|3L:10359942-10389853:-1|gene:AGAP010788	0.99	1	1
5621	AGAP010790-PA	4002	454.8	hypothetical protein|protein_coding|3L:10395300-10408422:1|gene:AGAP010790	0.15	1	1
5622	AGAP010795-PA	240	27.0	hypothetical protein|protein_coding|3L:10466587-10473091:-1|gene:AGAP010795	5	2	1
5623	AGAP010796-PA	84	8.9	hypothetical protein|protein_coding|3L:10484116-10484370:-1|gene:AGAP010796	27.38	3	1
5624	AGAP010805-PA	1220	131.4	hypothetical protein|protein_coding|3L:10668106-10672748:1|gene:AGAP010805	1.56	1	1
5625	AGAP010807-PA	485	55.6	hypothetical protein|protein_coding|3L:10707771-10711042:1|gene:AGAP010807	1.24	1	1
5626	AGAP010810-PA	605	67.7	Heme Peroxidase.|protein_coding|3L:10791477-10797515:1|gene:AGAP010810	2.98	1	1
5627	AGAP010814-PA	1331	151.2	Thioester-containing protein.|protein_coding|3L:11185704-11190462:-1|gene:AGAP010814	1.35	1	1
5628	AGAP010818-PA	949	107.4	thioester-containing protein|protein_coding|3L:11283363-11287250:1|gene:AGAP010818	1.69	2	1
5629	AGAP010822-PA	241	26.3	hypothetical protein|protein_coding|3L:11341631-11342833:1|gene:AGAP010822	3.73	1	1
5630	AGAP010854-PA	614	67.4	hypothetical protein|protein_coding|3L:12055951-12058049:1|gene:AGAP010854	3.09	1	1
5631	AGAP010861-PA	407	44.8	hypothetical protein|protein_coding|3L:12122817-12124546:1|gene:AGAP010861	3.93	2	1

5632	AGAP010867-PA	200	22.3	hypothetical protein|protein_coding|3L:12159087-12159934:-1|gene:AGAP010867	2.5	1	1
5633	AGAP010897-PA	487	54.1	hypothetical protein|protein_coding|3L:12772799-12774566:1|gene:AGAP010897	3.9	3	1
5634	AGAP010911-PA	591	65.4	hypothetical protein|protein_coding|3L:12902362-12911308:-1|gene:AGAP010911	2.71	1	1
5635	AGAP010915-PA	160	17.5	hypothetical protein|protein_coding|3L:12929461-12930017:-1|gene:AGAP010915	8.13	2	1
5636	AGAP010918-PA	393	43.0	hypothetical protein|protein_coding|3L:12939011-12940338:-1|gene:AGAP010918	3.56	3	1
5637	AGAP010924-PA	1031	116.3	hypothetical protein|protein_coding|3L:13184037-13190430:-1|gene:AGAP010924	0.68	1	1
5638	AGAP010930-PA	274	30.4	hypothetical protein|protein_coding|3L:13331490-13337067:-1|gene:AGAP010930	4.01	1	1
5639	AGAP010934-PA	1919	217.7	hypothetical protein|protein_coding|3L:13357641-13363400:-1|gene:AGAP010934	0.47	1	1
5640	AGAP010936-PA	213	24.1	Mediator of RNA polymerase II transcription subunit 18 (Mediator complex subunit 18)|protein_coding|3L:13367956-13370172:1|gene:AGAP010936	5.16	1	1
5641	AGAP010939-PA	265	30.7	hypothetical protein|protein_coding|3L:13486023-13510619:-1|gene:AGAP010939	7.17	1	1
5642	AGAP010941-PA	258	29.3	hypothetical protein|protein_coding|3L:13519115-13520029:-1|gene:AGAP010941	3.49	1	1
5643	AGAP010956-PA	1073	123.5	hypothetical protein|protein_coding|3L:13735273-13739006:-1|gene:AGAP010956	1.49	1	1
5644	AGAP010987-PA	339	39.1	hypothetical protein|protein_coding|3L:14487668-14496490:-1|gene:AGAP010987	5.31	1	1
5645	AGAP010990-PA	174	20.5	hypothetical protein|protein_coding|3L:14519112-14519690:1|gene:AGAP010990	4.02	1	1
5646	AGAP011022-PA	160	18.6	hypothetical protein|protein_coding|3L:14575679-14576304:-1|gene:AGAP011022	6.88	1	1
5647	AGAP011025-PA	458	51.0	hypothetical protein|protein_coding|3L:14580630-14583352:1|gene:AGAP011025	1.75	1	1
5648	AGAP011028-PA	500	56.9	hypothetical protein|protein_coding|3L:14601236-14602804:-1|gene:AGAP011028	2.2	1	1
5649	AGAP011041-PA	182	20.4	hypothetical protein|protein_coding|3L:15512328-15512939:1|gene:AGAP011041	8.24	1	1

5650	AGAP011046-PA	422	47.5	hypothetical protein|protein_coding|3L:15741429-15747297:1|gene:AGAP011046	1.66	1	1
5651	AGAP011049-PA	687	82.1	hypothetical protein|protein_coding|3L:15766970-15772919:1|gene:AGAP011049	1.89	1	1
5652	AGAP011055-PA	954	110.3	hypothetical protein|protein_coding|3L:15794879-15797831:-1|gene:AGAP011055	0.63	4	1
5653	AGAP011057-PA	299	33.4	hypothetical protein|protein_coding|3L:15800142-15801207:1|gene:AGAP011057	6.02	1	1
5654	AGAP011070-PA	1146	123.1	hypothetical protein|protein_coding|3L:16242351-16263775:-1|gene:AGAP011070	0.61	1	1
5655	AGAP011078-PA	428	48.8	hypothetical protein|protein_coding|3L:16307137-16308514:-1|gene:AGAP011078	2.8	1	1
5656	AGAP011080-PA	599	65.5	hypothetical protein|protein_coding|3L:16316064-16320748:1|gene:AGAP011080	2.17	1	1
5657	AGAP011085-PA	1079	121.3	hypothetical protein|protein_coding|3L:16358111-16363680:1|gene:AGAP011085	0.56	2	1
5658	AGAP011090-PA	274	28.7	putative GPCR class d orphan receptor 1|protein_coding|3L:16461751-16462662:-1|gene:AGAP011090	4.01	1	1
5659	AGAP011097-PA	833	93.3	hypothetical protein|protein_coding|3L:16798641-16820685:-1|gene:AGAP011097	1.56	2	1
5660	AGAP011115-PA	440	48.1	hypothetical protein|protein_coding|3L:17225647-17227494:1|gene:AGAP011115	3.41	1	1
5661	AGAP011118-PA	1077	120.6	hypothetical protein|protein_coding|3L:17297536-17317257:1|gene:AGAP011118	0.93	1	1
5662	AGAP011123-PA	2004	220.4	hypothetical protein|protein_coding|3L:17413262-17420987:-1|gene:AGAP011123	0.75	2	1
5663	AGAP011134-PA	501	51.6	hypothetical protein|protein_coding|3L:17742761-17775344:-1|gene:AGAP011134	1.2	7	1
5664	AGAP011135-PA	278	30.8	hypothetical protein|protein_coding|3L:17786160-17787569:-1|gene:AGAP011135	11.51	3	1
5665	AGAP011136-PA	195	21.7	hypothetical protein|protein_coding|3L:17789806-17790393:1|gene:AGAP011136	6.67	2	1
5666	AGAP011139-PA	1997	222.2	hypothetical protein|protein_coding|3L:17826307-17835151:-1|gene:AGAP011139	0.35	1	1
5667	AGAP011141-PA	490	56.5	hypothetical protein|protein_coding|3L:17842826-17849785:1|gene:AGAP011141	1.84	1	1

5668	AGAP011142-PA	610	66.4	hypothetical protein|protein_coding|3L:17851295-17857514:-1|gene:AGAP011142	1.15	1	1
5669	AGAP011148-PA	160	17.6	hypothetical protein|protein_coding|3L:17980326-17980808:-1|gene:AGAP011148	3.75	1	1
5670	AGAP011177-PA	4533	486.7	hypothetical protein|protein_coding|3L:18246092-18272660:1|gene:AGAP011177	0.15	3	1
5671	AGAP011192-PA	2808	298.5	hypothetical protein|protein_coding|3L:18906709-18917239:1|gene:AGAP011192	0.36	1	1
5672	AGAP011197-PA	282	32.3	hypothetical protein|protein_coding|3L:19242344-19243189:-1|gene:AGAP011197	5.67	2	1
5673	AGAP011199-PA	1261	139.3	hypothetical protein|protein_coding|3L:19279154-19284165:-1|gene:AGAP011199	1.03	1	1
5674	AGAP011206-PA	513	58.0	hypothetical protein|protein_coding|3L:19377155-19379051:-1|gene:AGAP011206	3.31	2	1
5675	AGAP011222-PA	120	12.7	hypothetical protein|protein_coding|3L:19488450-19489708:1|gene:AGAP011222	9.17	2	1
5676	AGAP011236-PA	180	20.8	hypothetical protein|protein_coding|3L:19893684-19894223:-1|gene:AGAP011236	3.33	15	1
5677	AGAP011237-PA	481	55.4	hypothetical protein|protein_coding|3L:19899571-19906388:-1|gene:AGAP011237	1.25	1	1
5678	AGAP011239-PA	267	30.3	hypothetical protein|protein_coding|3L:19917260-19919909:1|gene:AGAP011239	4.49	1	1
5679	AGAP011270-PA	341	39.5	hypothetical protein|protein_coding|3L:20397984-20399009:-1|gene:AGAP011270	3.23	1	1
5680	AGAP011271-PA	1278	143.8	hypothetical protein|protein_coding|3L:20406677-20419139:1|gene:AGAP011271	1.33	1	1
5681	AGAP011292-PA	1292	146.5	hypothetical protein|protein_coding|3L:20580492-20585580:-1|gene:AGAP011292	0.46	1	1
5682	AGAP011294-PA	102	10.6	Defensin Precursor|protein_coding|3L:20627828-20628236:1|gene:AGAP011294	22.55	5	1
5683	AGAP011299-PA	948	105.7	hypothetical protein|protein_coding|3L:20690493-20693408:1|gene:AGAP011299	1.79	1	1
5684	AGAP011301-PA	152	17.0	hypothetical protein|protein_coding|3L:20702575-20703033:-1|gene:AGAP011301	11.84	4	1
5685	AGAP011305-PA	571	62.8	hypothetical protein|protein_coding|3L:20769134-20771201:-1|gene:AGAP011305	1.75	1	1

5686	AGAP011308-PA	288	31.7	hypothetical protein|protein_coding|3L:20823930-20830588:-1|gene:AGAP011308	3.47	1	1
5687	AGAP011318-PA	236	26.0	hypothetical protein|protein_coding|3L:20949905-20953245:1|gene:AGAP011318	8.05	13	1
5688	AGAP011319-PA	158	17.5	hypothetical protein|protein_coding|3L:20963155-20963774:1|gene:AGAP011319	7.59	2	1
5689	AGAP011324-PA	477	54.8	hypothetical protein|protein_coding|3L:21086428-21087861:1|gene:AGAP011324	3.77	1	1
5690	AGAP011332-PA	323	37.2	hypothetical protein|protein_coding|3L:21149333-21150461:1|gene:AGAP011332	4.02	1	1
5691	AGAP011342-PA	233	25.7	hypothetical protein|protein_coding|3L:21510236-21511207:1|gene:AGAP011342	5.15	3	1
5692	AGAP011345-PA	274	32.0	hypothetical protein|protein_coding|3L:21519031-21519931:1|gene:AGAP011345	2.92	1	1
5693	AGAP011355-PA	1361	147.2	hypothetical protein|protein_coding|3L:21691050-21721841:-1|gene:AGAP011355	1.18	3	1
5694	AGAP011378-PA	368	40.4	hypothetical protein|protein_coding|3L:22703470-22704642:1|gene:AGAP011378	2.99	2	1
5695	AGAP011386-PA	501	54.3	hypothetical protein|protein_coding|3L:23244242-23270752:1|gene:AGAP011386	2.4	2	1
5696	AGAP011393-PA	990	110.7	hypothetical protein|protein_coding|3L:23469138-23472110:-1|gene:AGAP011393	0.81	2	1
5697	AGAP011397-PA	91	10.5	hypothetical protein|protein_coding|3L:23687111-23691672:-1|gene:AGAP011397	16.48	2	1
5698	AGAP011399-PA	733	78.0	hypothetical protein|protein_coding|3L:23824929-23838689:-1|gene:AGAP011399	2.46	2	1
5699	AGAP011403-PA	435	49.0	hypothetical protein|protein_coding|3L:23870211-23871793:-1|gene:AGAP011403	1.38	1	1
5700	AGAP011408-PA	309	35.6	hypothetical protein|protein_coding|3L:23900695-23901713:-1|gene:AGAP011408	2.27	1	1
5701	AGAP011410-PA	806	93.9	hypothetical protein|protein_coding|3L:23907643-23946021:-1|gene:AGAP011410	1.12	6	1
5702	AGAP011414-PA	622	70.8	hypothetical protein|protein_coding|3L:24018075-24029486:1|gene:AGAP011414	3.54	1	1
5703	AGAP011421-PA	1005	109.9	hypothetical protein|protein_coding|3L:24378457-24402517:1|gene:AGAP011421	1.39	1	1

5704	AGAP011425-PA	1187	134.2	hypothetical protein|protein_coding|3L:24479909-24486116:1|gene:AGAP011425	0.93	3	1
5705	AGAP011432-PA	212	23.5	hypothetical protein|protein_coding|3L:24563970-24564671:1|gene:AGAP011432	7.55	2	1
5706	AGAP011437-PA	488	53.2	hypothetical protein|protein_coding|3L:24686518-24712240:1|gene:AGAP011437	1.64	2	1
5707	AGAP011448-PA	383	42.9	hypothetical protein|protein_coding|3L:24780207-24781428:1|gene:AGAP011448	3.92	2	1
5708	AGAP011455-PA	208	25.0	hypothetical protein|protein_coding|3L:24928329-24929088:1|gene:AGAP011455	5.77	2	1
5709	AGAP011456-PA	200	22.4	hypothetical protein|protein_coding|3L:24932464-24933241:1|gene:AGAP011456	9	3	1
5710	AGAP011470-PA	197	22.7	hypothetical protein|protein_coding|3L:24987281-24989147:1|gene:AGAP011470	14.21	1	1
5711	AGAP011483-PA	1253	143.5	hypothetical protein|protein_coding|3L:25278851-25286924:1|gene:AGAP011483	1.28	1	1
5712	AGAP011493-PA	337	37.4	hypothetical protein|protein_coding|3L:25434542-25438963:1|gene:AGAP011493	2.97	1	1
5713	AGAP011496-PA	718	81.3	hypothetical protein|protein_coding|3L:25452204-25454801:1|gene:AGAP011496	2.51	1	1
5714	AGAP011497-PA	171	19.4	hypothetical protein|protein_coding|3L:25462243-25462758:1|gene:AGAP011497	4.09	1	1
5715	AGAP011499-PA	203	21.5	hypothetical protein|protein_coding|3L:25522864-25523499:-1|gene:AGAP011499	7.39	2	1
5716	AGAP011500-PA	125	13.3	hypothetical protein|protein_coding|3L:25544683-25551359:-1|gene:AGAP011500	39.2	4	1
5717	AGAP011519-PA	417	47.8	hypothetical protein|protein_coding|3L:26419979-26422908:1|gene:AGAP011519	3.36	3	1
5718	AGAP011526-PA	1376	153.3	hypothetical protein|protein_coding|3L:26521434-26531738:-1|gene:AGAP011526	0.8	1	1
5719	AGAP011533-PA	506	55.6	hypothetical protein|protein_coding|3L:26889027-26890643:-1|gene:AGAP011533	2.77	2	1
5720	AGAP011534-PA	812	90.1	hypothetical protein|protein_coding|3L:26893430-26896048:-1|gene:AGAP011534	0.99	1	1
5721	AGAP011540-PA	549	63.9	hypothetical protein|protein_coding|3L:26946995-26950521:1|gene:AGAP011540	1.28	2	1

5722	AGAP011547-PA	1461	168.2	hypothetical protein|protein_coding|3L:27190313-27194983:1|gene:AGAP011547	0.75	2	1
5723	AGAP011552-PA	278	29.8	hypothetical protein|protein_coding|3L:27219613-27220543:-1|gene:AGAP011552	6.83	1	1
5724	AGAP011553-PA	414	44.1	hypothetical protein|protein_coding|3L:27233577-27236181:1|gene:AGAP011553	1.69	1	1
5725	AGAP011562-PA	1197	133.8	hypothetical protein|protein_coding|3L:27759301-27764723:-1|gene:AGAP011562	0.58	2	1
5726	AGAP011592-PA	116	14.1	hypothetical protein|protein_coding|3L:28625306-28625717:-1|gene:AGAP011592	10.34	1	1
5727	AGAP011604-PA	246	25.2	hypothetical protein|protein_coding|3L:29404478-29405218:-1|gene:AGAP011604	4.47	1	1
5728	AGAP011608-PA	314	33.3	hypothetical protein|protein_coding|3L:29489961-29509834:-1|gene:AGAP011608	6.37	1	1
5729	AGAP011617-PA	1264	135.0	hypothetical protein|protein_coding|3L:29875289-29881688:-1|gene:AGAP011617	0.95	1	1
5730	AGAP011618-PA	247	27.3	hypothetical protein|protein_coding|3L:29950277-29967494:1|gene:AGAP011618	4.86	2	1
5731	AGAP011626-PA	255	28.0	hypothetical protein|protein_coding|3L:30320508-30323276:1|gene:AGAP011626	5.49	1	1
5732	AGAP011628-PA	130	13.6	hypothetical protein|protein_coding|3L:30333193-30337737:-1|gene:AGAP011628	13.08	2	1
5733	AGAP011638-PA	1028	109.6	hypothetical protein|protein_coding|3L:30463017-30468319:-1|gene:AGAP011638	3.11	1	1
5734	AGAP011644-PA	453	52.9	hypothetical protein|protein_coding|3L:30654707-30666766:-1|gene:AGAP011644	2.87	2	1
5735	AGAP011655-PA	508	55.0	hypothetical protein|protein_coding|3L:30931491-30933137:1|gene:AGAP011655	1.18	1	1
5736	AGAP011661-PA	826	91.9	hypothetical protein|protein_coding|3L:31043003-31046325:1|gene:AGAP011661	2.06	2	1
5737	AGAP011662-PA	346	38.1	hypothetical protein|protein_coding|3L:31050710-31052738:-1|gene:AGAP011662	4.05	2	1
5738	AGAP011677-PA	107	12.5	hypothetical protein|protein_coding|3L:31278577-31278897:-1|gene:AGAP011677	8.41	1	1
5739	AGAP011682-PA	584	62.3	hypothetical protein|protein_coding|3L:31302184-31318415:1|gene:AGAP011682	2.23	1	1

5740	AGAP011691-PA	329	38.1	hypothetical protein|protein_coding|3L:31414047-31420905:-1|gene:AGAP011691	2.13	1	1
5741	AGAP011710-PA	777	87.3	hypothetical protein|protein_coding|3L:31734023-31738388:1|gene:AGAP011710	0.77	2	1
5742	AGAP011724-PA	1522	175.5	hypothetical protein|protein_coding|3L:32421836-32426692:-1|gene:AGAP011724	0.33	1	1
5743	AGAP011732-PA	621	69.4	hypothetical protein|protein_coding|3L:32625388-32628255:1|gene:AGAP011732	3.86	2	1
5744	AGAP011733-PA	112	11.5	hypothetical protein|protein_coding|3L:32631145-32631594:1|gene:AGAP011733	20.54	7	1
5745	AGAP011749-PA	694	77.7	hypothetical protein|protein_coding|3L:32886016-32888338:-1|gene:AGAP011749	2.45	1	1
5746	AGAP011750-PA	770	88.2	hypothetical protein|protein_coding|3L:32917179-32919704:1|gene:AGAP011750	1.3	1	1
5747	AGAP011756-PA	151	17.3	Probable cGMP 3',5'-cyclic phosphodiesterase subunit delta|protein_coding|3L:32951627-32952298:1|gene:AGAP011756	5.96	1	1
5748	AGAP011761-PA	67	7.6	hypothetical protein|protein_coding|3L:32976410-32976688:-1|gene:AGAP011761	16.42	1	1
5749	AGAP011765-PA	781	87.0	hypothetical protein|protein_coding|3L:33005311-33009720:1|gene:AGAP011765	1.28	2	1
5750	AGAP011766-PA	445	50.3	hypothetical protein|protein_coding|3L:33014752-33027203:-1|gene:AGAP011766	1.8	1	1
5751	AGAP011782-PA	323	35.5	Clip-Domain Serine Protease, family E. Protease homologue.|protein_coding|3L:33252286-33254243:1|gene:AGAP011782	2.48	3	1
5752	AGAP011785-PA	374	42.0	Clip-Domain Serine Protease, family E. Protease homologue.|protein_coding|3L:33261460-33262654:-1|gene:AGAP011785	2.67	1	1
5753	AGAP011790-PB	503	55.8	Clip-Domain Serine Protease, family A. Protease homologue.|protein_coding|3L:33279985-33281890:1|gene:AGAP011790	1.79	8	1
5754	AGAP011797-PA	318	33.6	hypothetical protein|protein_coding|3L:33314117-33316910:1|gene:AGAP011797	11.95	1	1
5755	AGAP011810-PA	355	40.3	hypothetical protein|protein_coding|3L:33476681-33492095:-1|gene:AGAP011810	3.1	2	1
5756	AGAP011820-PA	82	9.5	hypothetical protein|protein_coding|3L:33822201-33822606:-1|gene:AGAP011820	20.73	2	1
5757	AGAP011825-PA	76	8.6	hypothetical protein|protein_coding|3L:33863388-33863767:1|gene:AGAP011825	7.89	1	1

5758	AGAP011826-PA	67	7.4	hypothetical protein|protein_coding|3L:33864329-33864532:-1|gene:AGAP011826	16.42	2	1
5759	AGAP011835-PA	575	67.1	hypothetical protein|protein_coding|3L:33913749-33915618:-1|gene:AGAP011835	1.57	1	1
5760	AGAP011840-PA	308	36.1	hypothetical protein|protein_coding|3L:33930156-33931701:-1|gene:AGAP011840	3.57	1	1
5761	AGAP011850-PA	287	32.3	hypothetical protein|protein_coding|3L:34046247-34047183:-1|gene:AGAP011850	4.53	1	1
5762	AGAP011873-PA	61	6.3	hypothetical protein|protein_coding|3L:34573454-34573636:-1|gene:AGAP011873	26.23	2	1
5763	AGAP011874-PA	627	69.7	hypothetical protein|protein_coding|3L:34576593-34580190:-1|gene:AGAP011874	1.28	1	1
5764	AGAP011875-PA	1558	171.9	hypothetical protein|protein_coding|3L:34589783-34595758:-1|gene:AGAP011875	0.64	1	1
5765	AGAP011880-PA	931	104.7	hypothetical protein|protein_coding|3L:34610121-34613184:1|gene:AGAP011880	0.86	1	1
5766	AGAP011883-PA	214	23.3	hypothetical protein|protein_coding|3L:34625380-34626089:1|gene:AGAP011883	7.01	3	1
5767	AGAP011889-PA	476	54.1	hypothetical protein|protein_coding|3L:34639800-34641352:-1|gene:AGAP011889	2.31	1	1
5768	AGAP011890-PA	352	40.5	hypothetical protein|protein_coding|3L:34643299-34654954:1|gene:AGAP011890	5.4	1	1
5769	AGAP011892-PA	409	45.6	hypothetical protein|protein_coding|3L:34659760-34661570:-1|gene:AGAP011892	3.42	1	1
5770	AGAP011904-PA	182	20.5	hypothetical protein|protein_coding|3L:34819308-34820288:1|gene:AGAP011904	10.99	1	1
5771	AGAP011905-PA	424	49.4	hypothetical protein|protein_coding|3L:34826608-34827882:-1|gene:AGAP011905	1.65	1	1
5772	AGAP011907-PA	85	9.9	hypothetical protein|protein_coding|3L:34829904-34830161:-1|gene:AGAP011907	15.29	2	1
5773	AGAP011908-PA	391	42.3	hypothetical protein|protein_coding|3L:34834196-34835437:1|gene:AGAP011908	2.3	1	1
5774	AGAP011958-PA	216	25.1	hypothetical protein|protein_coding|3L:35581860-35586851:-1|gene:AGAP011958	4.17	1	1
5775	AGAP011966-PA	1082	120.7	hypothetical protein|protein_coding|3L:35678897-35685602:1|gene:AGAP011966	0.55	1	1

5776	AGAP011972-PA	340	40.9	hypothetical protein|protein_coding|3L:35702512-35705096:1|gene:AGAP011972	3.53	1	1
5777	AGAP011974-PA	582	64.0	Class C Scavenger Receptor (Sushi/SCR/CCP, MAM, and Somatomedin B domains).|protein_coding|3L:35714958-35717153:1|gene:AGAP011974	3.44	4	1
5778	AGAP011979-PA	425	49.5	candidate odorant receptor|protein_coding|3L:35814701-35816121:1|gene:AGAP011979	1.41	2	1
5779	AGAP011983-PA	309	34.0	hypothetical protein|protein_coding|3L:35857409-35858338:-1|gene:AGAP011983	3.88	1	1
5780	AGAP011993-PA	135	15.6	hypothetical protein|protein_coding|3L:35994940-35996643:-1|gene:AGAP011993	17.78	1	1
5781	AGAP012001-PA	505	54.1	hypothetical protein|protein_coding|3L:36060476-36065586:-1|gene:AGAP012001	1.58	1	1
5782	AGAP012006-PA	459	49.4	hypothetical protein|protein_coding|3L:36154338-36171655:1|gene:AGAP012006	2.4	1	1
5783	AGAP012012-PA	370	42.5	hypothetical protein|protein_coding|3L:36293333-36295251:-1|gene:AGAP012012	4.05	1	1
5784	AGAP012015-PA	113	12.7	hypothetical protein|protein_coding|3L:36319973-36320311:1|gene:AGAP012015	9.73	1	1
5785	AGAP012019-PA	699	78.6	hypothetical protein|protein_coding|3L:36442039-36444396:1|gene:AGAP012019	0.86	1	1
5786	AGAP012020-PA	753	85.2	hypothetical protein|protein_coding|3L:36459431-36462226:-1|gene:AGAP012020	1.46	5	1
5787	AGAP012028-PA	71	7.8	hypothetical protein|protein_coding|3L:36687438-36687988:1|gene:AGAP012028	25.35	1	1
5788	AGAP012057-PA	808	88.4	hypothetical protein|protein_coding|3L:37173628-37176799:-1|gene:AGAP012057	3.09	2	1
5789	AGAP012058-PA	203	22.9	hypothetical protein|protein_coding|3L:37180101-37181462:1|gene:AGAP012058	4.93	2	1
5790	AGAP012059-PA	464	51.4	hypothetical protein|protein_coding|3L:37185259-37187352:-1|gene:AGAP012059	3.66	1	1
5791	AGAP012067-PA	300	33.2	hypothetical protein|protein_coding|3L:37336862-37338171:-1|gene:AGAP012067	5.67	4	1
5792	AGAP012077-PA	383	42.7	hypothetical protein|protein_coding|3L:37448451-37449680:1|gene:AGAP012077	2.61	1	1
5793	AGAP012079-PA	870	100.8	hypothetical protein|protein_coding|3L:37456703-37459665:-1|gene:AGAP012079	1.26	2	1

5794	AGAP012091-PA	64	7.0	hypothetical protein|protein_coding|3L:37584657-37584851:-1|gene:AGAP012091	34.38	1	1
5795	AGAP012096-PA	464	53.7	hypothetical protein|protein_coding|3L:37631554-37633381:1|gene:AGAP012096	2.59	2	1
5796	AGAP012099-PA	202	22.6	hypothetical protein|protein_coding|3L:37640554-37641237:-1|gene:AGAP012099	3.47	1	1
5797	AGAP012109-PA	566	65.1	hypothetical protein|protein_coding|3L:37753454-37755154:-1|gene:AGAP012109	3.53	1	1
5798	AGAP012118-PA	329	35.8	hypothetical protein|protein_coding|3L:37831630-37832619:1|gene:AGAP012118	2.74	1	1
5799	AGAP012124-PA	176	20.1	hypothetical protein|protein_coding|3L:37857555-37858089:1|gene:AGAP012124	10.23	2	1
5800	AGAP012129-PA	424	48.4	hypothetical protein|protein_coding|3L:37935004-37936459:1|gene:AGAP012129	2.83	2	1
5801	AGAP012145-PA	81	8.5	hypothetical protein|protein_coding|3L:38047178-38047511:1|gene:AGAP012145	23.46	2	1
5802	AGAP012146-PA	501	57.3	hypothetical protein|protein_coding|3L:38051356-38056943:1|gene:AGAP012146	2.99	2	1
5803	AGAP012148-PB	75	8.6	hypothetical protein|protein_coding|3L:38070799-38071191:-1|gene:AGAP012148	18.67	2	1
5804	AGAP012152-PA	500	57.3	hypothetical protein|protein_coding|3L:38084009-38085832:1|gene:AGAP012152	1.4	1	1
5805	AGAP012159-PA	246	28.8	hypothetical protein|protein_coding|3L:38122357-38123187:1|gene:AGAP012159	3.25	2	1
5806	AGAP012160-PA	2069	235.1	hypothetical protein|protein_coding|3L:38123398-38130250:-1|gene:AGAP012160	0.34	1	1
5807	AGAP012161-PA	1199	135.1	hypothetical protein|protein_coding|3L:38157310-38176230:1|gene:AGAP012161	0.75	1	1
5808	AGAP012173-PA	1013	117.1	hypothetical protein|protein_coding|3L:38305875-38308916:-1|gene:AGAP012173	0.69	1	1
5809	AGAP012203-PA	892	100.1	hypothetical protein|protein_coding|3L:38711642-38714781:-1|gene:AGAP012203	1.01	1	1
5810	AGAP012214-PA	224	24.5	hypothetical protein|protein_coding|3L:38967558-38968229:-1|gene:AGAP012214	3.13	1	1
5811	AGAP012218-PA	555	60.7	hypothetical protein|protein_coding|3L:38976455-38979787:1|gene:AGAP012218	1.8	1	1

5812	AGAP012220-PA	178	19.8	AGAP012220-PA|orcokinin|protein_coding|3L:38993185-38999808:-1|gene:AGAP012220	12.36	2	1
5813	AGAP012227-PA	266	29.5	hypothetical protein|protein_coding|3L:39154119-39155054:1|gene:AGAP012227	11.28	1	1
5814	AGAP012229-PA	445	51.5	hypothetical protein|protein_coding|3L:39156547-39157938:-1|gene:AGAP012229	3.82	1	1
5815	AGAP012236-PA	2066	215.6	hypothetical protein|protein_coding|3L:39193964-39202720:1|gene:AGAP012236	0.34	1	1
5816	AGAP012247-PA	310	33.1	hypothetical protein|protein_coding|3L:39297023-39298094:1|gene:AGAP012247	2.26	3	1
5817	AGAP012264-PA	505	57.0	hypothetical protein|protein_coding|3L:39538993-39540694:-1|gene:AGAP012264	2.38	1	1
5818	AGAP012279-PA	511	58.9	hypothetical protein|protein_coding|3L:39723546-39725365:-1|gene:AGAP012279	1.37	1	1
5819	AGAP012287-PA	518	59.3	hypothetical protein|protein_coding|3L:39785364-39787000:-1|gene:AGAP012287	2.32	1	1
5820	AGAP012297-PA	914	101.5	hypothetical protein|protein_coding|3L:39838882-39841830:-1|gene:AGAP012297	1.09	2	1
5821	AGAP012306-PA	347	39.3	hypothetical protein|protein_coding|3L:39991229-39992408:1|gene:AGAP012306	4.9	1	1
5822	AGAP012315-PA	274	29.4	hypothetical protein|protein_coding|3L:40149969-40150790:1|gene:AGAP012315	5.84	1	1
5823	AGAP012320-PA	142	15.6	odorant binding protein|protein_coding|3L:40209751-40210315:-1|gene:AGAP012320	4.23	1	1
5824	AGAP012336-PA	690	79.6	hypothetical protein|protein_coding|3L:40744216-40746559:1|gene:AGAP012336	1.01	1	1
5825	AGAP012344-PA	464	50.6	hypothetical protein|protein_coding|3L:40810325-40812118:1|gene:AGAP012344	1.94	1	1
5826	AGAP012350-PA	665	73.5	hypothetical protein|protein_coding|3L:40901306-40903526:-1|gene:AGAP012350	1.35	1	1
5827	AGAP012354-PA	478	52.5	hypothetical protein|protein_coding|3L:40971254-41017982:1|gene:AGAP012354	5.02	2	1
5828	AGAP012357-PA	552	61.5	hypothetical protein|protein_coding|3L:41071146-41074028:1|gene:AGAP012357	1.81	2	1
5829	AGAP012358-PB	598	67.0	hypothetical protein|protein_coding|3L:41074970-41088941:1|gene:AGAP012358	1.17	2	1

5830	AGAP012366-PA	916	103.1	hypothetical protein|protein_coding|3L:41128059-41131426:-1|gene:AGAP012366	2.51	2	1
5831	AGAP012369-PA	500	58.9	hypothetical protein|protein_coding|3L:41142055-41144112:-1|gene:AGAP012369	1.8	1	1
5832	AGAP012376-PA	175	19.4	hypothetical protein|protein_coding|3L:41236535-41237137:1|gene:AGAP012376	9.71	1	1
5833	AGAP012377-PA	734	83.8	hypothetical protein|protein_coding|3L:41237454-41240065:1|gene:AGAP012377	0.82	1	1
5834	AGAP012387-PA	1459	164.0	Toll-like Receptor.|protein_coding|3L:41486836-41491215:-1|gene:AGAP012387	0.55	1	1
5835	AGAP012388-PA	527	59.3	hypothetical protein|protein_coding|3L:41538611-41540271:-1|gene:AGAP012388	1.9	1	1
5836	AGAP012391-PA	642	73.8	hypothetical protein|protein_coding|3L:41699297-41701508:1|gene:AGAP012391	1.4	1	1
5837	AGAP012394-PA	236	26.6	hypothetical protein|protein_coding|3L:41710273-41711473:-1|gene:AGAP012394	10.59	2	1
5838	AGAP012402-PA	274	29.9	hypothetical protein|protein_coding|3L:41731459-41732524:1|gene:AGAP012402	5.84	3	1
5839	AGAP012404-PA	506	56.3	hypothetical protein|protein_coding|3L:41749132-41753784:1|gene:AGAP012404	2.77	2	1
5840	AGAP012408-PA	577	64.7	hypothetical protein|protein_coding|3L:41769006-41770873:1|gene:AGAP012408	3.64	1	1
5841	AGAP012410-PA	469	53.7	hypothetical protein|protein_coding|3L:41783922-41787299:1|gene:AGAP012410	1.49	1	1
5842	AGAP012413-PA	350	39.9	hypothetical protein|protein_coding|3L:41822706-41823995:1|gene:AGAP012413	2.29	1	1
5843	AGAP012414-PA	596	68.9	hypothetical protein|protein_coding|3L:41826549-41828336:1|gene:AGAP012414	2.68	1	1
5844	AGAP012430-PA	98	10.5	hypothetical protein|protein_coding|UNKN:400424-400717:-1|gene:AGAP012430	20.41	1	1
5845	AGAP012433-PA	912	103.8	hypothetical protein|protein_coding|UNKN:652219-657021:-1|gene:AGAP012433	0.77	2	1
5846	AGAP012459-PA	454	51.8	hypothetical protein|protein_coding|UNKN:3952384-3953815:1|gene:AGAP012459	1.76	1	1
5847	AGAP012461-PA	584	64.5	hypothetical protein|protein_coding|UNKN:4121449-4159622:1|gene:AGAP012461	3.08	3	1

5848	AGAP012471-PA	683	76.2	hypothetical protein|protein_coding|UNKN:5017527-5019578:-1|gene:AGAP012471	1.02	1	1
5849	AGAP012517-PA	210	24.4	hypothetical protein|protein_coding|UNKN:10382698-10383392:-1|gene:AGAP012517	4.76	2	1
5850	AGAP012518-PA	315	36.7	hypothetical protein|protein_coding|UNKN:10616536-10619119:-1|gene:AGAP012518	6.03	5	1
5851	AGAP012523-PA	720	80.5	hypothetical protein|protein_coding|UNKN:10902878-10905421:-1|gene:AGAP012523	2.36	2	1
5852	AGAP012545-PA	298	32.9	hypothetical protein|protein_coding|UNKN:14189968-14190864:-1|gene:AGAP012545	2.35	1	1
5853	AGAP012568-PA	376	41.3	hypothetical protein|protein_coding|UNKN:16664238-16665627:-1|gene:AGAP012568	6.12	1	1
5854	AGAP012601-PA	128	14.0	hypothetical protein|protein_coding|UNKN:19131828-19132218:1|gene:AGAP012601	10.94	1	1
5855	AGAP012611-PA	288	32.4	hypothetical protein|protein_coding|UNKN:19943725-19944865:-1|gene:AGAP012611	4.17	1	1
5856	AGAP012616-PA	684	78.7	AGAP012616-PA|Prophenoloxidase|protein_coding|UNKN:20920841-20923263:1|gene:AGAP012616	3.51	2	1
5857	AGAP012628-PA	500	54.1	hypothetical protein|protein_coding|UNKN:21661829-21665031:1|gene:AGAP012628	3.6	11	1
5858	AGAP012645-PA	477	50.9	hypothetical protein|protein_coding|UNKN:22214349-22216166:-1|gene:AGAP012645	2.31	2	1
5859	AGAP012660-PA	89	10.3	hypothetical protein|protein_coding|UNKN:22711303-22711683:-1|gene:AGAP012660	17.98	1	1
5860	AGAP012683-PA	263	30.3	hypothetical protein|protein_coding|UNKN:23385718-23386897:-1|gene:AGAP012683	3.8	2	1
5861	AGAP012696-PA	334	39.6	hypothetical protein|protein_coding|UNKN:24016567-24017643:-1|gene:AGAP012696	2.69	1	1
5862	AGAP012704-PA	285	33.0	hypothetical protein|protein_coding|UNKN:24390796-24392125:-1|gene:AGAP012704	2.81	2	1
5863	AGAP012744-PA	240	27.4	hypothetical protein|protein_coding|UNKN:26379339-26381083:-1|gene:AGAP012744	10.42	3	1
5864	AGAP012760-PA	177	19.1	hypothetical protein|protein_coding|UNKN:27675137-27675757:1|gene:AGAP012760	4.52	2	1
5865	AGAP012770-PA	204	23.1	hypothetical protein|protein_coding|UNKN:27997305-27998055:-1|gene:AGAP012770	4.41	3	1

5866	AGAP012773-PA	384	41.7	hypothetical protein|protein_coding|UNKN:28105160-28106397:1|gene:AGAP012773	4.95	1	1
5867	AGAP012779-PA	116	13.6	hypothetical protein|protein_coding|UNKN:28624454-28624806:1|gene:AGAP012779	10.34	4	1
5868	AGAP012788-PA	178	19.4	hypothetical protein|protein_coding|UNKN:29037326-29037862:-1|gene:AGAP012788	5.06	2	1
5869	AGAP012796-PA	234	26.8	hypothetical protein|protein_coding|UNKN:29579659-29580362:1|gene:AGAP012796	2.99	1	1
5870	AGAP012799-PA	212	23.9	hypothetical protein|protein_coding|UNKN:29843294-29844136:1|gene:AGAP012799	5.19	1	1
5871	AGAP012824-PA	168	19.2	hypothetical protein|protein_coding|UNKN:31791009-31791603:-1|gene:AGAP012824	3.57	1	1
5872	AGAP012852-PA	77	8.7	hypothetical protein|protein_coding|UNKN:34130939-34131242:1|gene:AGAP012852	24.68	6	1
5873	AGAP012854-PA	389	45.6	hypothetical protein|protein_coding|UNKN:34240567-34242002:-1|gene:AGAP012854	1.8	3	1
5874	AGAP012857-PA	271	30.8	hypothetical protein|protein_coding|UNKN:34394986-34396269:-1|gene:AGAP012857	7.75	1	1
5875	AGAP012887-PA	323	32.0	hypothetical protein|protein_coding|UNKN:36659507-36660475:1|gene:AGAP012887	4.02	4	1
5876	AGAP012893-PA	171	19.3	hypothetical protein|protein_coding|UNKN:37132627-37133215:1|gene:AGAP012893	13.45	1	1
5877	AGAP012905-PA	67	7.8	hypothetical protein|protein_coding|UNKN:37465676-37465969:1|gene:AGAP012905	11.94	1	1
5878	AGAP012907-PA	397	45.1	hypothetical protein|protein_coding|UNKN:37671485-37672743:1|gene:AGAP012907	5.29	2	1
5879	AGAP012911-PA	145	16.7	hypothetical protein|protein_coding|UNKN:37985940-37986440:1|gene:AGAP012911	12.41	1	1
5880	AGAP012913-PA	282	30.0	hypothetical protein|protein_coding|UNKN:38506258-38507195:-1|gene:AGAP012913	7.09	2	1
5881	AGAP012945-PA	152	17.2	hypothetical protein|protein_coding|UNKN:42360548-42361063:-1|gene:AGAP012945	7.24	3	1
5882	AGAP012957-PA	508	58.0	hypothetical protein|protein_coding|2R:21058336-21060788:1|gene:AGAP012957	2.17	1	1
5883	AGAP012975-PA	210	24.7	hypothetical protein|protein_coding|X:4334265-4335087:-1|gene:AGAP012975	7.62	2	1

5884	AGAP012986-PA	243	26.7	hypothetical protein|protein_coding|X:12077792-12079152:-1|gene:AGAP012986	6.17	2	1
5885	AGAP012989-PA	357	39.9	hypothetical protein|protein_coding|2R:50733404-50734477:1|gene:AGAP012989	3.36	1	1
5886	AGAP012997-PA	263	28.8	hypothetical protein|protein_coding|X:15160656-15161447:-1|gene:AGAP012997	3.04	1	1
5887	AGAP012999-PA	135	15.7	hypothetical protein|protein_coding|2R:53471717-53472124:1|gene:AGAP012999	17.78	1	1
5888	AGAP013012-PA	288	31.3	hypothetical protein|protein_coding|2R:1663989-1735427:1|gene:AGAP013012	9.03	4	1
5889	AGAP013021-PA	275	30.5	hypothetical protein|protein_coding|X:21608369-21721612:-1|gene:AGAP013021	8.36	1	1
5890	AGAP013022-PA	248	28.9	hypothetical protein|protein_coding|X:14833663-14836326:-1|gene:AGAP013022	3.63	1	1
5891	AGAP013023-PA	271	29.9	hypothetical protein|protein_coding|2R:50679025-50680430:1|gene:AGAP013023	4.8	1	1
5892	AGAP013035-PA	350	39.0	hypothetical protein|protein_coding|2R:33796329-33797996:-1|gene:AGAP013035	3.43	11	1
5893	AGAP013039-PA	125	14.5	hypothetical protein|protein_coding|2R:13215310-13237341:1|gene:AGAP013039	10.4	1	1
5894	AGAP013042-PA	1658	183.2	hypothetical protein|protein_coding|X:13503601-13533093:-1|gene:AGAP013042	0.36	1	1
5895	AGAP013053-PA	443	47.9	hypothetical protein|protein_coding|2R:57708225-57709556:1|gene:AGAP013053	3.61	5	1
5896	AGAP013062-PA	254	29.2	hypothetical protein|protein_coding|2R:31456652-31459347:1|gene:AGAP013062	4.72	1	1
5897	AGAP013063-PA	523	57.1	hypothetical protein|protein_coding|2R:58871498-58887711:1|gene:AGAP013063	3.06	1	1
5898	AGAP013073-PA	247	26.6	hypothetical protein|protein_coding|2R:58374159-58388894:-1|gene:AGAP013073	8.1	3	1
5899	AGAP013079-PA	245	26.4	hypothetical protein|protein_coding|2R:14027521-14028306:1|gene:AGAP013079	5.31	1	1
5900	AGAP013096-PA	778	82.8	hypothetical protein|protein_coding|2R:48421235-48423571:1|gene:AGAP013096	1.03	1	1
5901	AGAP013099-PA	405	39.2	hypothetical protein|protein_coding|X:1494724-1495941:-1|gene:AGAP013099	4.2	2	1

5902	AGAP013118-PA	775	87.4	hypothetical protein|protein_coding|2R:47652120-47654801:-1|gene:AGAP013118	1.42	1	1
5903	AGAP013123-PA	528	58.4	hypothetical protein|protein_coding|2R:43182463-43184237:-1|gene:AGAP013123	2.27	8	1
5904	AGAP013126-PA	111	12.9	hypothetical protein|protein_coding|X:20358718-20359218:1|gene:AGAP013126	6.31	1	1
5905	AGAP013127-PA	375	43.9	hypothetical protein|protein_coding|X:1205360-1206634:1|gene:AGAP013127	1.87	3	1
5906	AGAP013130-PA	103	11.9	hypothetical protein|protein_coding|2R:28086518-28086829:1|gene:AGAP013130	24.27	1	1
5907	AGAP013131-PA	109	12.5	hypothetical protein|protein_coding|2R:25265715-25266044:1|gene:AGAP013131	11.93	4	1
5908	AGAP013141-PA	83	9.7	hypothetical protein|protein_coding|2L:12538777-12539028:-1|gene:AGAP013141	13.25	2	1
5909	AGAP013148-PA	315	35.0	hypothetical protein|protein_coding|2R:43160552-43161499:1|gene:AGAP013148	4.76	2	1
5910	AGAP013153-PA	264	29.4	hypothetical protein|protein_coding|2R:40685112-40685944:1|gene:AGAP013153	5.68	1	1
5911	AGAP013156-PA	257	28.3	hypothetical protein|protein_coding|2R:23833514-23834366:-1|gene:AGAP013156	5.45	3	1
5912	AGAP013165-PA	159	18.4	hypothetical protein|protein_coding|2R:14821362-14821906:1|gene:AGAP013165	5.66	2	1
5913	AGAP013170-PA	130	14.8	hypothetical protein|protein_coding|2R:36775912-36776402:1|gene:AGAP013170	10.77	2	1
5914	AGAP013184-PA	394	42.4	Clip-Domain Serine Protease, family B.|protein_coding|2R:34480686-34482173:-1|gene:AGAP013184	4.57	2	1
5915	AGAP013186-PA	345	39.5	hypothetical protein|protein_coding|2R:47880538-47881655:1|gene:AGAP013186	2.61	1	1
5916	AGAP013190-PA	1531	162.5	hypothetical protein|protein_coding|2R:23757468-23766169:1|gene:AGAP013190	0.85	1	1
5917	AGAP013193-PA	2110	224.8	hypothetical protein|protein_coding|2R:44582730-44592484:-1|gene:AGAP013193	0.62	2	1
5918	AGAP013196-PA	99	11.5	hypothetical protein|protein_coding|2R:40520634-40521127:-1|gene:AGAP013196	8.08	1	1
5919	AGAP013199-PA	347	39.9	hypothetical protein|protein_coding|2R:57869668-57870711:-1|gene:AGAP013199	3.17	1	1

5920	AGAP013207-PA	725	79.5	hypothetical protein|protein_coding|2R:36911588-36914531:1|gene:AGAP013207	1.38	1	1
5921	AGAP013214-PA	859	94.8	hypothetical protein|protein_coding|2R:12674689-12677350:1|gene:AGAP013214	0.7	2	1
5922	AGAP013241-PA	510	58.3	hypothetical protein|protein_coding|2R:21061611-21063654:1|gene:AGAP013241	1.37	1	1
5923	AGAP013254-PA	270	29.8	hypothetical protein|protein_coding|2R:57637349-57638272:-1|gene:AGAP013254	4.44	1	1
5924	AGAP013257-PA	254	28.8	hypothetical protein|protein_coding|2R:4200869-4201633:-1|gene:AGAP013257	3.94	1	1
5925	AGAP013266-PA	1140	126.3	hypothetical protein|protein_coding|2R:27044116-27048207:-1|gene:AGAP013266	1.23	2	1
5926	AGAP013274-PA	314	34.3	hypothetical protein|protein_coding|2R:42033290-42035600:-1|gene:AGAP013274	6.05	3	1
5927	AGAP013277-PA	332	37.1	hypothetical protein|protein_coding|2R:2656898-2658129:1|gene:AGAP013277	6.93	2	1
5928	AGAP013283-PA	157	16.4	hypothetical protein|protein_coding|X:9538167-9538640:-1|gene:AGAP013283	7.64	1	1
5929	AGAP013288-PA	1275	144.2	hypothetical protein|protein_coding|2R:6149809-6159938:1|gene:AGAP013288	1.49	1	1
5930	AGAP013317-PA	177	20.9	hypothetical protein|protein_coding|X:17659578-17660200:1|gene:AGAP013317	10.17	1	1
5931	AGAP013337-PA	125	14.5	cuticular protein 156, RR-2 family|protein_coding|3R:49145656-49146108:1|gene:AGAP013337	10.4	2	1
5932	AGAP013358-PA	416	47.1	hypothetical protein|protein_coding|2R:41346821-41348814:1|gene:AGAP013358	1.44	1	1
5933	AGAP013359-PA	183	21.1	hypothetical protein|protein_coding|2R:19949443-19949994:-1|gene:AGAP013359	7.1	1	1
5934	AGAP013376-PA	158	17.9	hypothetical protein|protein_coding|2R:581562-582038:-1|gene:AGAP013376	13.92	2	1
5935	AGAP013381-PA	824	87.3	hypothetical protein|protein_coding|X:1005551-1010309:1|gene:AGAP013381	2.91	1	1
5936	AGAP013383-PA	108	11.9	hypothetical protein|protein_coding|2R:29776209-29778341:-1|gene:AGAP013383	7.41	1	1
5937	AGAP013385-PA	336	37.7	hypothetical protein|protein_coding|2R:54834217-54835311:1|gene:AGAP013385	9.82	2	1

5938	AGAP013391-PA	901	98.1	hypothetical protein|protein_coding|2R:43499469-43511514:-1|gene:AGAP013391	0.78	2	1
5939	AGAP013398-PA	284	32.7	hypothetical protein|protein_coding|2R:39450700-39451715:-1|gene:AGAP013398	3.52	2	1
5940	AGAP013408-PA	404	42.9	hypothetical protein|protein_coding|2R:44373086-44375296:-1|gene:AGAP013408	1.98	2	1
5941	AGAP013411-PA	2447	253.6	hypothetical protein|protein_coding|2R:32861488-32871691:1|gene:AGAP013411	0.33	1	1
5942	AGAP013412-PA	339	36.8	hypothetical protein|protein_coding|2R:29987444-29988539:-1|gene:AGAP013412	1.77	4	1
5943	AGAP013419-PA	190	22.8	hypothetical protein|protein_coding|2R:38598523-38599183:1|gene:AGAP013419	5.26	1	1
5944	AGAP013420-PA	197	22.1	hypothetical protein|protein_coding|2R:49286768-49287428:1|gene:AGAP013420	3.55	3	1
5945	AGAP013441-PA	746	74.8	hypothetical protein|protein_coding|X:5714869-5717258:-1|gene:AGAP013441	2.68	2	1
5946	AGAP013442-PA	401	43.9	Clip-Domain Serine Protease, family B.|protein_coding|2R:31608025-31609887:-1|gene:AGAP013442	2.99	3	1
5947	AGAP013447-PA	526	56.5	hypothetical protein|protein_coding|X:887560-889140:1|gene:AGAP013447	3.99	1	1
5948	AGAP013450-PA	425	49.0	hypothetical protein|protein_coding|2R:6122094-6123437:1|gene:AGAP013450	4.24	1	1
5949	AGAP013455-PA	1106	118.9	hypothetical protein|protein_coding|2R:42775371-42781055:1|gene:AGAP013455	3.25	2	1
5950	AGAP013461-PA	210	24.2	hypothetical protein|protein_coding|2R:57864434-57866591:1|gene:AGAP013461	5.24	1	1
5951	AGAP013462-PA	361	38.6	hypothetical protein|protein_coding|2R:51634978-51636063:-1|gene:AGAP013462	3.32	1	1
5952	AGAP013468-PA	1082	117.7	hypothetical protein|protein_coding|2R:38669404-38673883:1|gene:AGAP013468	1.02	1	1
5953	AGAP013476-PA	592	63.5	hypothetical protein|protein_coding|X:5934418-5936196:1|gene:AGAP013476	4.39	2	1
5954	AGAP013488-PA	139	15.3	hypothetical protein|protein_coding|2L:33928879-33929298:-1|gene:AGAP013488	20.14	1	1
5955	AGAP013495-PA	1616	173.2	hypothetical protein|protein_coding|X:17555927-17564864:-1|gene:AGAP013495	0.5	1	1
5956	AGAP013497-PA	134	14.7	hypothetical protein|protein_coding|X:8802080-8802484:1|gene:AGAP013497	17.91	2	1

5957	AGAP013523-PA	1759	189.7	hypothetical protein|protein_coding|2R:1249000-1255302:1|gene:AGAP013523	0.45	1	1
5958	AGAP013524-PA	605	65.4	hypothetical protein|protein_coding|2R:50690230-50692141:-1|gene:AGAP013524	2.98	1	1
5959	AGAP013723-PA	189	21.9	hypothetical protein|protein_coding|3R:49116463-49117244:1|gene:AGAP013723	3.17	1	1
5960	AGAP013728-PA	413	46.5	hypothetical protein|protein_coding|3R:4492632-4493873:-1|gene:AGAP013728	1.69	1	1
5961	AGAP013747-PA	186	20.1	hypothetical protein|protein_coding|3R:4021891-4022520:-1|gene:AGAP013747	5.38	2	1
5962	AGAP013765-PA	535	59.0	hypothetical protein|protein_coding|3R:6380962-6384794:1|gene:AGAP013765	4.11	1	1
5963	AGAP013775-PA	73	8.4	hypothetical protein|protein_coding|3R:2127528-2127823:1|gene:AGAP013775	13.7	1	1

Chaerkady et al. 2011, A proteogenomic analysis of *Anopheles gambiae* using high-resolution Fourier transform mass spectrometry.

Supplementary Table 1. Complete list of Protein Search Specific (PSSP) peptides

JHU Peptide ID	Peptide sequence	Accession(s)	Modifications	Ion Score	Exp. Value	Charge	MH+[Da]	Delta ppm	Organ	Chromosome_coordinates	Exon map
JHU_Ag_1292	MTAYAFFVQTCR	AGAP000005-PA	C11(Carbamidomethyl)	69	1.70E-06	2	1494.695	5.19	Head	X:-:33506-33471	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_8772	MVTGGTVAGGK	AGAP000005-PA	M1(Oxidation)	49	0.000211485	2	993.505	1.39	Ovary	X:-:33566-33534	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_17152	ALNPEYGVGDIAKELGR	AGAP000005-PA	-	49	0.000164561	1	1801.953	4.87	Malpighian tubule	X:-:32965-32915	exon=> In CDS Exon 4 of transcript AGAP000005-PA
JHU_Ag_18217	ALNPEYGVGDIAK	AGAP000005-PA	-	79	2.01E-07	1	1346.696	0.54	Head	X:-:32965-32927	exon=> In CDS Exon 4 of transcript AGAP000005-PA
JHU_Ag_22668	MTAYAFFVQTCR	AGAP000005-PA	M1(Oxidation), C11(Carbamidomethyl)	86	3.30E-08	2	1510.684	1.71	Ovary	X:-:33506-33471	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_33847	NNSTTSTSATQQLFSYK	AGAP000005-PA	-	151	1.41E-14	1	1877.892	2.29	Ovary	X:-:38242-38192	exon=> In CDS Exon 1 of transcript AGAP000005-PA
JHU_Ag_55726	HPEEQVIFAEFSR	AGAP000005-PA	-	74	5.88E-07	1	1588.773	-1.42	Ovary	X:-:33452-33414	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_56705	ALNPEYGVGDIAK	AGAP000005-PA	-	90	1.76E-08	1	1346.695	0.27	Ovary	X:-:32965-32927	exon=> In CDS Exon 4 of transcript AGAP000005-PA
JHU_Ag_62341	NNSTTSTSATQQLFSYK	AGAP000005-PA	-	72	1.18E-06	2	1877.895	4.17	Malpighian tubule	X:-:38242-38192	exon=> In CDS Exon 1 of transcript AGAP000005-PA
JHU_Ag_68733	HPEEQVIFAEFSR	AGAP000005-PA	-	92	8.31E-09	1	1588.772	-2.34	Head	X:-:33452-33414	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_82575	NNSTTSTSATQQLFSYK	AGAP000005-PA	-	64	6.72E-06	2	1877.889	0.99	Salivary gland	X:-:38242-38192	exon=> In CDS Exon 1 of transcript AGAP000005-PA
JHU_Ag_94055	ALNPEYGVGDIAK	AGAP000005-PA	-	40	0.002132071	1	1346.698	1.9	Malpighian tubule	X:-:32965-32927	exon=> In CDS Exon 4 of transcript AGAP000005-PA
JHU_Ag_100290	KHPEEQVIFAEFSR	AGAP000005-PA	-	91	1.31E-08	1	1716.877	3.73	Ovary	X:-:33455-33414	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_103421	KHPEEQVIFAEFSR	AGAP000005-PA	-	63	8.94E-06	2	1716.873	1.6	Head	X:-:33455-33414	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_103678	KHPEEQVIFAEFSR	AGAP000005-PA	-	63	8.84E-06	2	1716.883	7.36	Malpighian tubule	X:-:33455-33414	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_105361	YELEMQSYVPPK	AGAP000005-PA	M5(Oxidation)	54	4.50E-05	2	1499.709	0.3	Ovary	X:-:33206-33171	exon=> In CDS Exon 3 of transcript AGAP000005-PA
JHU_Ag_110983	NNSTTSTSATQQLFSYK	AGAP000005-PA	-	42	0.00116942	2	1877.900	6.58	Head	X:-:38242-38192	exon=> In CDS Exon 1 of transcript AGAP000005-PA
JHU_Ag_112464	SLSAFFWFCHDER	AGAP000005-PA	C9(Carbamidomethyl)	61	7.20E-06	1	1701.756	4.99	Ovary	X:-:33107-33266,32837-32978	exon=> In CDS Exon 4 and 3 of transcript AGAP000005-PA
JHU_Ag_113382	FHEMAEK	AGAP000005-PA	M4(Oxidation)	28	0.009144921	1	907.395	-2.69	Head	X:-:33239-33219	exon=> In CDS Exon 3 of transcript AGAP000005-PA
JHU_Ag_115004	MVTGGTVAGGK	AGAP000005-PA	M1(Oxidation)	46	0.000360519	2	993.504	0.29	Malpighian tubule	X:-:33566-33534	exon=> In CDS Exon 2 of transcript AGAP000005-PA
JHU_Ag_1315	DVTLSCLAGGYPTPR	AGAP000007-PA	C6(Carbamidomethyl)	60	1.91E-05	1	1606.795	3.22	Salivary gland	X:-:87678-87634	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_2031	ALVCEEPQHYPDVK	AGAP000007-PA	C4(Carbamidomethyl)	41	0.001331672	2	1684.806	3.39	Head	X:-:87369-87328	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_2858	KAPQKPPSSVQIYGINPSTIK	AGAP000007-PA	-	61	2.58E-06	1	2253.267	3.06	Malpighian tubule	X:-:84924-84862	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_3791	TPANVDDLFLR	AGAP000007-PA	-	74	8.15E-07	2	1260.659	0.51	Visceras	X:-:88419-88387	exon=> In CDS Exon 1 of transcript AGAP000007-PA

JHU_Ag_3950	GPYFIR	AGAP000007-PA	-	35	0.001964174	2	752.410	1.83	Malpighian tubule	X:-:87744-87727	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_5177	VMAYNAAGEGPESERYLER	AGAP000007-PA	M2(Oxidation)	61	1.19E-05	1	2157.994	3.16	Malpighian tubule	X:-:84990-84934	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_7136	VMAYNAAGEGPESER	AGAP000007-PA	M2(Oxidation)	60	7.05E-06	2	1596.701	3.15	Malpighian tubule	X:-:84990-84946	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_8654	ATVLIQGPPGAPGAVK	AGAP000007-PA	-	61	1.83E-06	1	1475.859	0.79	Head	X:-:85956-85909	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_10354	TPANVDDLFLR	AGAP000007-PA	-	85	5.32E-08	1	1260.664	4.19	Salivary gland	X:-:88419-88387	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_11336	KAPQKPPSSVQIYGINPSTIK	AGAP000007-PA	-	56	8.44E-06	1	2253.262	0.83	Salivary gland	X:-:84924-84862	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_11876	DGNVIGSGGHR	AGAP000007-PA	-	65	3.61E-06	1	1068.522	3.16	Malpighian tubule	X:-:86427-86395	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_12210	DVTLSCLAGGYPTPR	AGAP000007-PA	C6(Carbamidomethyl)	86	4.56E-08	1	1606.796	4.36	Head	X:-:87678-87634	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_16399	DDEGTYTCIASNTQGMAESK	AGAP000007-PA	C8(Carbamidomethyl), M16(Oxidation)	37	0.000482548	2	2193.899	3.67	Malpighian tubule	X:-:86349-86290	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_18881	IYPTGTLHISPTSR	AGAP000007-PA	-	92	6.00E-09	1	1542.831	2.09	Head	X:-:86391-86350	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_19402	HTVSGGNLIIHRPSQNLDQGTYHCTAQNAYGK	AGAP000007-PA	C24(Carbamidomethyl)	45	0.000391442	1	3537.726	6.17	Head	X:-:87558-87463	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_20584	APEKGEENWGK	AGAP000007-PA	-	55	3.62E-05	1	1244.594	3.01	Malpighian tubule	X:-:87402-87370	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_23620	ATVLIQGPPGAPGAVK	AGAP000007-PA	-	71	1.97E-07	1	1475.863	3.52	Larva	X:-:85956-85909	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_25303	KAPQKPPSSVQIYGINPSTIK	AGAP000007-PA	-	66	8.44E-07	1	2253.265	2.17	Ovary	X:-:84924-84862	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_25670	TLYSQDNLNTLLEDR	AGAP000007-PA	-	98	2.44E-09	1	1794.894	4.01	Salivary gland	X:-:87840-87796	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_27777	YIAPSQDEEPVQGYK	AGAP000007-PA	-	52	0.000100138	2	1723.821	1.99	Salivary gland	X:-:84849-84805	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_27848	SAEDYFCPEHWAAFR	AGAP000007-PA	C7(Carbamidomethyl)	71	4.28E-07	1	1885.799	1.42	Head	X:-:88371-88327	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_28990	EWASEELQR	AGAP000007-PA	-	42	0.000662274	2	1147.539	1.07	Head	X:-:85471-85445	exon=> In CDS Exon 2 of transcript AGAP000007-PA
JHU_Ag_33931	VMAYNAAGEGPESER	AGAP000007-PA	M2(Oxidation)	63	3.46E-06	1	1596.700	2.84	Salivary gland	X:-:84990-84946	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_36069	NYFPNFVYEDQR	AGAP000007-PA	-	42	0.000618606	2	1591.722	3.04	Salivary gland	X:-:87312-87277	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_38659	LIVLQELR	AGAP000007-PA	-	64	5.76E-07	2	983.627	1.95	Salivary gland	X:-:86283-86260	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_41574	ATVLIQGPPGAPGAVK	AGAP000007-PA	-	96	6.27E-10	1	1475.863	3.27	Salivary gland	X:-:85956-85909	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_43730	ICQAYQGELISVDTIEK	AGAP000007-PA	C2(Carbamidomethyl)	135	4.59E-13	1	1966.991	6.06	Head	X:-:88269-88219	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_45360	TTRPWALIVGLEPDTYYFVK	AGAP000007-PA	-	31	0.007090657	1	2369.260	2.36	Head	X:-:85050-84991	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_51536	DDEGTYTCIASNTQGMAESK	AGAP000007-PA	C8(Carbamidomethyl), M16(Oxidation)	68	4.00E-07	1	2193.897	2.67	Salivary gland	X:-:86349-86290	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_51928	RNGNLPR	AGAP000007-PA	-	30	0.002281494	2	826.466	1.51	Head	X:-:87003-86983	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_53545	DDEGTYTCIASNTQGMAESK	AGAP000007-PA	C8(Carbamidomethyl), M16(Oxidation)	74	1.18E-07	1	2193.891	0.11	Head	X:-:86349-86290	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_53910	NAVEQGEAEGENDPRR	AGAP000007-PA	-	66	2.61E-06	1	1770.800	-0.05	Head	X:-:88014-87967	exon=> In CDS Exon 1 of transcript AGAP000007-PA

JHU_Ag_53935	APQKPPSSVQIYGINPSTIK	AGAP000007-PA	-	76	1.10E-07	1	2125.185	9.39	Salivary gland	X:-:84921-84862	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_54234	DKYTIQDNLLK	AGAP000007-PA	-	64	4.09E-06	1	1350.727	0.24	Ovary	X:-:86682-86650	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_56179	TPANVDDLFLR	AGAP000007-PA	-	91	1.42E-08	1	1260.660	1.09	Ovary	X:-:88419-88387	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_56730	AVIHVPTDK	AGAP000007-PA	-	37	0.001815842	1	979.553	-3.78	Head	X:-:85426-85400	exon=> In CDS Exon 2 of transcript AGAP000007-PA
JHU_Ag_58682	KAPQKPPSSVQIYGINPSTIK	AGAP000007-PA	-	92	2.06E-09	1	2253.263	1.11	Head	X:-:84924-84862	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_59169	TPANVDDLFLR	AGAP000007-PA	-	91	1.32E-08	1	1260.663	3.9	Malpighian tubule	X:-:88419-88387	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_60761	NYFPNFVYEDQR	AGAP000007-PA	-	43	0.000524735	2	1591.719	1.05	Ovary	X:-:87312-87277	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_62709	YIAPSQDEEPVQGYK	AGAP000007-PA	-	70	1.75E-06	2	1723.814	-1.83	Pupa	X:-:84849-84805	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_64854	SAEDYFCPEHWAAFR	AGAP000007-PA	C7(Carbamidomethyl)	53	2.56E-05	1	1885.796	-0.24	Ovary	X:-:88371-88327	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_65907	KIYPTGTLHISPTSR	AGAP000007-PA	-	59	7.66E-06	1	1670.927	2.65	Malpighian tubule	X:-:86394-86350	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_66024	TPANVDDLFLR	AGAP000007-PA	-	85	5.76E-08	1	1260.660	1.57	Head	X:-:88419-88387	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_66345	EHNEEDSVYYLSR	AGAP000007-PA	-	55	2.56E-05	2	1640.728	5.69	Malpighian tubule	X:-:85089-85051	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_72973	NYFPNFVYEDQR	AGAP000007-PA	-	63	5.10E-06	1	1591.721	2.2	Head	X:-:87312-87277	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_73502	DKYTIQDNLLK	AGAP000007-PA	-	77	2.07E-07	1	1350.729	2.23	Head	X:-:86682-86650	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_73530	GPYFIRQPVDTTYDTGK	AGAP000007-PA	-	38	0.002547931	1	1957.974	4.46	Malpighian tubule	X:-:87744-87694	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_80056	IYPTGTLHISPTSR	AGAP000007-PA	-	33	0.005866564	1	1542.826	-1.23	Ovary	X:-:86391-86350	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_81334	ATVLIQGPPGAPGAVK	AGAP000007-PA	-	34	0.00098297	2	1475.860	1.37	Ovary	X:-:85956-85909	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_82312	ICQAYQGELISVDTIEK	AGAP000007-PA	C2(Carbamidomethyl)	65	4.57E-06	2	1966.979	0.1	Ovary	X:-:88269-88219	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_83572	DVTLSCLAGGYPTPR	AGAP000007-PA	C6(Carbamidomethyl)	51	0.000169212	1	1606.787	-1.27	Ovary	X:-:87678-87634	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_92411	APQKPPSSVQIYGINPSTIK	AGAP000007-PA	-	74	2.42E-07	1	2125.166	0.26	Head	X:-:84921-84862	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_93840	DKYTIQDNLLK	AGAP000007-PA	-	51	7.30E-05	1	1350.732	4.13	Malpighian tubule	X:-:86682-86650	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_94367	IGDLTITWDPLAPHEQNSIDVHYR	AGAP000007-PA	-	88	2.34E-08	1	2790.381	-1.4	Head	X:-:85570-85499	exon=> In CDS Exon 2 of transcript AGAP000007-PA
JHU_Ag_95045	TPANVDDLFLRAGDLR	AGAP000007-PA	-	35	0.003701892	1	1772.935	3.53	Malpighian tubule	X:-:88419-88372	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_95241	SAEDYFCPEHWAAFR	AGAP000007-PA	C7(Carbamidomethyl)	70	4.74E-07	1	1885.800	1.9	Visceras	X:-:88371-88327	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_96156	DKYTIQDNLLK	AGAP000007-PA	-	62	6.27E-06	1	1350.729	1.78	Salivary gland	X:-:86682-86650	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_97002	KAPQKPPSSVQIYGINPSTIK	AGAP000007-PA	-	72	1.89E-07	1	2253.263	1.19	Pupa	X:-:84924-84862	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_97024	VMAYNAAGEGPESER	AGAP000007-PA	M2(Oxidation)	58	1.28E-05	2	1596.700	2.61	Head	X:-:84990-84946	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_97446	YIAPSQDEEPVQGYK	AGAP000007-PA	-	50	0.00016646	2	1723.820	1.5	Ovary	X:-:84849-84805	exon=> In CDS Exon 3 of transcript AGAP000007-PA

JHU_Ag_97854	GVYSAAQLR	AGAP000007-PA	-	51	0.000111 72	2	964.523	1.79	Salivary gland	X:-:86583-86557	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_103252	SAEDYFCPEHWAAFR	AGAP000007-PA	C7(Carbamidomethyl)	54	2.44E-05	1	1885.805	4.43	Salivary gland	X:-:88371-88327	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_107523	LIVLQELR	AGAP000007-PA	-	48	2.63E-05	2	983.625	-0.1	Visceras	X:-:86283-86260	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_107550	DVTLSCLAGGYPTPR	AGAP000007-PA	C6(Carbamidomethyl)	56	4.74E-05	2	1606.798	5.04	Malpighian tubule	X:-:87678-87634	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_108401	YIAPSQDEEPVQGYK	AGAP000007-PA	-	104	6.08E-10	1	1723.820	1.5	Head	X:-:84849-84805	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_110765	NAVEQGEAEGENDPRR	AGAP000007-PA	-	45	0.000391 469	1	1770.805	2.53	Malpighian tubule	X:-:88014-87967	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_111702	EHNEEDSVYYLSR	AGAP000007-PA	-	98	1.08E-09	1	1640.716	-1.45	Head	X:-:85089-85051	exon=> In CDS Exon 3 of transcript AGAP000007-PA
JHU_Ag_112999	DVTLSCLAGGYPTPR	AGAP000007-PA	C6(Carbamidomethyl)	64	6.89E-06	1	1606.791	0.94	Pupa	X:-:87678-87634	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_113844	TLYSQDNLNTLLEDR	AGAP000007-PA	-	111	1.23E-10	1	1794.895	4.49	Head	X:-:87840-87796	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_114163	QQPIGPAPDGAR	AGAP000007-PA	-	44	0.000710 958	2	1206.625	1.6	Malpighian tubule	X:-:86097-86062	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_114836	QPVDTTYDTGKASITR	AGAP000007-PA	-	38	0.002614 022	1	1752.881	2.71	Malpighian tubule	X:-:87726-87679	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_116100	QFDYGLEQTDVEK	AGAP000007-PA	-	76	2.71E-07	2	1571.731	5.67	Salivary gland	X:-:87792-87754	exon=> In CDS Exon 1 of transcript AGAP000007-PA
JHU_Ag_7722	IAPGLVQQYEER	AGAP000008-PA	-	80	1.46E-07	1	1402.732	-0.59	Ovary	X:+:91964-91999	exon=> In CDS Exon 2 of transcript AGAP000008-PA
JHU_Ag_68767	QTSNVIHTLSVTLEELYTGTK	AGAP000008-PA	-	53	4.69E-05	1	2334.216	-1.11	Ovary	X:+:91778-91840	exon=> In CDS Exon 2 of transcript AGAP000008-PA
JHU_Ag_68790	DIVIQSCPGEVVK	AGAP000008-PA	C7(Carbamidomethyl)	65	4.14E-06	2	1443.754	1.69	Salivary gland	X:+:92321-92359	exon=> In CDS Exon 2 of transcript AGAP000008-PA
JHU_Ag_90667	IAPGLVQQYEER	AGAP000008-PA	-	60	1.74E-05	2	1402.734	0.8	Salivary gland	X:+:91964-91999	exon=> In CDS Exon 2 of transcript AGAP000008-PA
JHU_Ag_96966	DIVIQSCPGEVVK	AGAP000008-PA	C7(Carbamidomethyl)	66	3.32E-06	2	1443.759	5.08	Midgut	X:+:92321-92359	exon=> In CDS Exon 2 of transcript AGAP000008-PA
JHU_Ag_103930	TGAGSGSTTITGLTDSVR	AGAP000009-PC	-	92	1.00E-08	2	1680.842	1.27	Head	X:-:103795-103742	exon=> In CDS Exon 14 of transcript AGAP000009-PC
JHU_Ag_16832	ICVEQEIQETLR	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	C2(Carbamidomethyl)	54	7.88E-05	2	1517.766	2.08	Head	X:-:113934-113899;X:-:113934-113899;X:-:113934-113899	exon=> In CDS Exon 1 of transcript AGAP000009-PC;exon=> In CDS Exon 1 of transcript AGAP000009-PB;exon=> In CDS Exon 1 of transcript AGAP000009-PA
JHU_Ag_25519	SSVNQQSAAGGGAAK	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	-	99	2.15E-09	1	1332.654	2.58	Head	X:-:113979-113935;X:-:113979-113935;X:-:113979-113935	exon=> In CDS Exon 1 of transcript AGAP000009-PC;exon=> In CDS Exon 1 of transcript AGAP000009-PB;exon=> In CDS Exon 1 of transcript AGAP000009-PA
JHU_Ag_44301	HGFPYSPTALAFDPVQR	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	-	58	2.34E-05	1	1902.946	-2	Head	X:-:110673-110623;X:-:110673-110623;X:-:110673-110623	exon=> In CDS Exon 2 of transcript AGAP000009-PC;exon=> In CDS Exon 2 of transcript AGAP000009-PB;exon=> In CDS Exon 2 of transcript AGAP000009-PA

JHU_Ag_53202	NLDREELFGESSGK	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	-	94	6.73E-09	1	1580.754	-1	Head	X:-:98459-98562,98087-98330;X:-:98459-98562,98087-98330;X:-:98459-98562,98087-98330	exon=> In CDS Exon 23 and 22 of transcript AGAP000009-PC;exon=> In CDS Exon 22 and 21 of transcript AGAP000009-PB;exon=> In CDS Exon 23 and 22 of transcript AGAP000009-PA
JHU_Ag_73474	LHLPIGTK	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	-	36	0.000605635	1	878.547	1.65	Head	X:-:110244-110221;X:-:110244-110221;X:-:110244-110221	exon=> In CDS Exon 4 of transcript AGAP000009-PC;exon=> In CDS Exon 4 of transcript AGAP000009-PB;exon=> In CDS Exon 4 of transcript AGAP000009-PA
JHU_Ag_76329	IGDQFTIFSGGLPTEK	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	-	72	8.80E-07	1	1709.882	4.07	Head	X:-:109424-109495,109181-109299;X:-:109424-109495,109181-109299;X:-:109424-109495,109181-109299	exon=> In CDS Exon 8 and 7 of transcript AGAP000009-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP000009-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP000009-PA
JHU_Ag_89916	HIPGPNADIQALNAR	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	-	48	0.000165648	1	1586.838	-1.44	Head	X:-:98308-98264;X:-:98308-98264;X:-:98308-98264	exon=> In CDS Exon 23 of transcript AGAP000009-PC;exon=> In CDS Exon 22 of transcript AGAP000009-PB;exon=> In CDS Exon 23 of transcript AGAP000009-PA
JHU_Ag_96480	THPGAVVHLSDNPLDANK	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	-	49	0.000166262	1	1884.956	0	Head	X:-:110007-109954;X:-:110007-109954;X:-:110007-109954	exon=> In CDS Exon 5 of transcript AGAP000009-PC;exon=> In CDS Exon 5 of transcript AGAP000009-PB;exon=> In CDS Exon 5 of transcript AGAP000009-PA
JHU_Ag_110892	QAGVFALPSQNCVYR	AGAP000009-PC,AGAP000009-PB,AGAP000009-PA	C12(Carbamidomethyl)	46	0.000418229	2	1709.850	4.26	Head	X:-:101978-101934;X:-:101978-101934;X:-:101978-101934	exon=> In CDS Exon 18 of transcript AGAP000009-PC;exon=> In CDS Exon 17 of transcript AGAP000009-PB;exon=> In CDS Exon 18 of transcript AGAP000009-PA
JHU_Ag_33563	ITGESSANGGGPPVQK	AGAP000010-PA	N8(Deamidated)	114	5.43E-11	1	1499.737	1.86	Head	X:-:123490-123443	exon=> In CDS Exon 1 of transcript AGAP000010-PA
JHU_Ag_74456	MAQMHRVQPDGPTNPKPDLPAK	AGAP000010-PA	M1(Oxidation), M4(Oxidation), Q8(Deamidated), N14(Deamidated)	34	0.005614766	1	2462.179	-0.74	Midgut	X:-:122007-121942	exon=> In CDS Exon 2 of transcript AGAP000010-PA
JHU_Ag_74786	LLATDSPVVFCHNDLLLGNVIYDER	AGAP000010-PA	C11(Carbamidomethyl)	92	6.80E-09	1	2873.458	2.73	Head	X:-:121733-121659	exon=> In CDS Exon 3 of transcript AGAP000010-PA
JHU_Ag_75352	GTPVTDVAVQR	AGAP000010-PA	-	59	1.31E-05	2	1142.617	0.03	Head	X:-:121484-121452	exon=> In CDS Exon 3 of transcript AGAP000010-PA
JHU_Ag_89503	ETENIQLLHR	AGAP000010-PA	-	58	1.41E-05	1	1252.669	3.22	Head	X:-:122163-122134	exon=> In CDS Exon 2 of transcript AGAP000010-PA
JHU_Ag_48096	LAAPHQLNPKPDVDDLAFGK	AGAP000011-PA	-	46	0.000237851	1	2146.131	0.83	Head	X:-:129614-129555	exon=> In CDS Exon 3 of transcript AGAP000011-PA
JHU_Ag_44353	ALYNGDLSTLEQLEVR	AGAP000012-PA	-	41	0.000918142	2	1820.945	3.12	Head	X:+:147427-147474	exon=> In CDS Exon 2 of transcript AGAP000012-PA
JHU_Ag_100904	AGHQPIALVGGATGLIGDPSGR	AGAP000012-PA	-	37	0.0015537	1	2044.101	3.74	Malpighian tubule	X:+:146620-146685	exon=> In CDS Exon 2 of transcript AGAP000012-PA
JHU_Ag_112460	AGHQPIALVGGATGLIGDPSGR	AGAP000012-PA	-	54	3.17E-05	1	2044.097	1.77	Ovary	X:+:146620-146685	exon=> In CDS Exon 2 of transcript AGAP000012-PA

JHU_Ag_1569	DFISPENITLSR	AGAP000017-PA	-	52	8.28E-05	2	1391.721	3.26	Midgut	X:+:232737-232772	exon=> In CDS Exon 23 of transcript AGAP000017-PA
JHU_Ag_3222	ELDLSQPSNYR	AGAP000017-PA	-	31	0.011265655	1	1321.639	0.59	Midgut	X:+:230889-230921	exon=> In CDS Exon 20 of transcript AGAP000017-PA
JHU_Ag_12489	GNLSYFVHTPHSLMLQDVK	AGAP000017-PA	M14(Oxidation)	79	1.93E-07	1	2202.103	0.81	Midgut	X:+:217066-217113,217247-217255	exon=> In CDS Exon 9 and 10 of transcript AGAP000017-PA
JHU_Ag_16150	GSAIVLPPLAK	AGAP000017-PA	-	27	0.001930739	2	1065.664	-2.45	Midgut	X:+:214765-214770,214847-214873	exon=> In CDS Exon 2 and 3 of transcript AGAP000017-PA
JHU_Ag_18671	AILSSLSPTPLAPTESTIHR	AGAP000017-PA	-	42	0.000295285	1	2091.152	3.46	Head	X:+:215694-215753	exon=> In CDS Exon 6 of transcript AGAP000017-PA
JHU_Ag_32382	TFNLAPLYAFPACNSGIR	AGAP000017-PA	N3(Deamidated), C13(Carbamidomethyl)	57	2.86E-05	1	2013.009	9.27	Midgut	X:+:233027-233080	exon=> In CDS Exon 24 of transcript AGAP000017-PA
JHU_Ag_32959	LLNVLK	AGAP000017-PA	-	27	0.002258968	1	699.476	-0.86	Midgut	X:+:214693-214710	exon=> In CDS Exon 2 of transcript AGAP000017-PA
JHU_Ag_55720	DDGSTVGDVELPPWAK	AGAP000017-PA	-	42	0.000924304	2	1685.800	-1.23	Midgut	X:+:231267-231314	exon=> In CDS Exon 20 of transcript AGAP000017-PA
JHU_Ag_55978	AYILLFLK	AGAP000017-PA	-	34	0.000210069	2	980.619	1.14	Midgut	X:+:219264-219287	exon=> In CDS Exon 13 of transcript AGAP000017-PA
JHU_Ag_62974	FYYWVVNPR	AGAP000017-PA	-	45	0.000460641	2	1243.626	0.41	Midgut	X:+:219165-219191	exon=> In CDS Exon 13 of transcript AGAP000017-PA
JHU_Ag_63785	KGSAIVLPPLAK	AGAP000017-PA	-	59	3.44E-07	2	1193.761	-0.24	Midgut	X:+:214762-214770,214847-214873	exon=> In CDS Exon 2 and 3 of transcript AGAP000017-PA
JHU_Ag_73240	APFVSQLPLAIPSR	AGAP000017-PA	-	53	1.62E-05	2	1495.867	2.37	Salivary gland	X:+:229383-229424	exon=> In CDS Exon 20 of transcript AGAP000017-PA
JHU_Ag_87665	VANEAEFILNR	AGAP000017-PA	-	63	1.01E-05	2	1275.673	2.87	Malpighian tubule	X:+:229731-229763	exon=> In CDS Exon 20 of transcript AGAP000017-PA
JHU_Ag_89444	NLQACTEIGLIEHVLAR	AGAP000017-PA	C5(Carbamidomethyl)	38	0.001327876	1	1937.034	3.36	Midgut	X:+:214420-214470	exon=> In CDS Exon 2 of transcript AGAP000017-PA
JHU_Ag_97767	VSTVLQTVHTLK	AGAP000017-PA	-	44	0.000150474	1	1325.779	0.16	Midgut	X:+:219129-219164	exon=> In CDS Exon 13 of transcript AGAP000017-PA
JHU_Ag_102312	QSEQLIEVKK	AGAP000017-PA	-	32	0.005108847	1	1201.694	13.06	Larva	X:+:219883-219912	exon=> In CDS Exon 14 of transcript AGAP000017-PA
JHU_Ag_108702	LDPINSVNIER	AGAP000017-PA	-	43	0.000560292	2	1269.682	1.77	Midgut	X:+:214916-214948	exon=> In CDS Exon 3 of transcript AGAP000017-PA
JHU_Ag_112227	LLGFFLSR	AGAP000017-PA	-	62	2.77E-06	2	952.560	-1.28	Midgut	X:+:219522-219545	exon=> In CDS Exon 13 of transcript AGAP000017-PA
JHU_Ag_3200	YLPDSLLLSEGLER	AGAP000019-PA	-	81	9.01E-08	1	1604.858	3.27	Head	X:+:287006-287047	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_5635	NVHNLR	AGAP000019-PA	-	35	0.001450283	2	752.417	1.33	Head	X:+:286958-286975	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_6309	IDSIEPDAFSDVGHSLVSLR	AGAP000019-PA	-	134	5.45E-13	1	2157.089	3.27	Head	X:+:285830-285889	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_6523	DLWIEAPKLPSATSAMGGPVGSTSK	AGAP000019-PA	-	92	9.59E-09	1	2500.247	-11.22	Head	X:+:288056-288130	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_8587	AIGDTSFHLLR	AGAP000019-PA	-	81	1.27E-07	1	1229.664	0.29	Head	X:+:285992-286024	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_11815	ASHGLGSQLVVFPIEAFR	AGAP000019-PA	-	143	4.34E-14	1	1928.042	1.6	Head	X:+:285890-285943	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_12675	ASHGLGSQLVVFPIEAFRK	AGAP000019-PA	-	96	1.38E-09	1	2056.138	1.97	Head	X:+:285890-285946	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_14037	SLTTSYLPSASLGPDDFANFSPELEELR	AGAP000019-PA	-	108	1.99E-10	1	3056.490	5.21	Head	X:+:285659-285742	exon=> In CDS Exon 3 of transcript AGAP000019-PA

JHU_Ag_16588	EQQQLQPQQPQQPTIHSNIR	AGAP000019-PA	Q4(Deamidated),Q11(Deamidated),Q12(Deamidated),Q8(Deamidated),Q9(Deamidated)	91	1.06E-08	1	2398.222	-0.18	Head	X:+:286625-286684	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_17864	ASKPIAVAATDLR	AGAP000019-PA	-	54	1.50E-05	2	1312.759	0.15	Head	X:+:288131-288169	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_19819	SLWELVLEHNQLVDIPSR	AGAP000019-PA	-	160	9.00E-16	1	2148.151	2.71	Head	X:+:284664-284717	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_21121	KLTALEALDLSNNR	AGAP000019-PA	-	112	5.02E-11	1	1557.863	2.49	Head	X:+:285944-285985	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_27021	RQYLCPANPWTETSLTNYFK	AGAP000019-PA	C5(Carbamidomethyl)	140	1.62E-13	1	2489.202	4.21	Head	X:+:288604-288663	exon=> In CDS Exon 9 of transcript AGAP000019-PA
JHU_Ag_27051	IADEAFQNLPELEK	AGAP000019-PA	-	116	4.43E-11	1	1616.821	2.48	Head	X:+:286289-286309,286383-286403	exon=> In CDS Exon 3 and 4 of transcript AGAP000019-PA
JHU_Ag_28210	LSDTVLK	AGAP000019-PA	-	43	0.000481641	2	775.456	-0.07	Head	X:+:288239-288259	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_28801	ELDLSENDLTSVPLITHSLPNLK	AGAP000019-PA	N7(Deamidated)	141	4.80E-14	1	2548.360	3.66	Head	X:+:287619-287686,287762-287762	exon=> In CDS Exon 6 and 7 of transcript AGAP000019-PA
JHU_Ag_28909	SLWELVLEHNQLVDIPSR	AGAP000019-PA	-	56	2.17E-05	1	2148.147	1.16	Visceras	X:+:284664-284717	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_29626	VLELAHNSLK	AGAP000019-PA	-	75	1.63E-07	1	1123.646	-0.88	Head	X:+:286976-287005	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_32946	LTALEALDLSNNR	AGAP000019-PA	-	100	1.20E-09	1	1429.768	2.29	Head	X:+:285947-285985	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_33386	LEITNNPLTELPDEALYGLER	AGAP000019-PA	-	135	4.25E-13	1	2400.234	1.99	Head	X:+:284601-284663	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_36024	LSVLNLSHNDELEVMGK	AGAP000019-PA	M15(Oxidation)	112	8.40E-11	1	1913.960	-1.79	Head	X:+:287403-287453	exon=> In CDS Exon 6 of transcript AGAP000019-PA
JHU_Ag_36162	LEDAAFATLPR	AGAP000019-PA	-	75	5.32E-07	2	1203.640	2.24	Head	X:+:287370-287402	exon=> In CDS Exon 6 of transcript AGAP000019-PA
JHU_Ag_37144	SAPDLGIVNCR	AGAP000019-PA	C10(Carbamidomethyl)	51	0.000124202	1	1201.602	1.97	Head	X:+:284385-284417	exon=> In CDS Exon 1 of transcript AGAP000019-PA
JHU_Ag_37950	ELDLSENDLTSVPLITHSLPNLKR	AGAP000019-PA	N7(Deamidated)	111	3.88E-11	1	2704.460	2.95	Head	X:+:287619-287686,287762-287765	exon=> In CDS Exon 6 and 7 of transcript AGAP000019-PA
JHU_Ag_38409	SATLHFR	AGAP000019-PA	-	51	0.000170577	2	831.447	-0.29	Head	X:+:288269-288289	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_57271	NNDLLLEVLKK	AGAP000019-PA	N1(Deamidated)	69	6.02E-07	1	1298.769	1.11	Head	X:+:288748-288780	exon=> In CDS Exon 9 of transcript AGAP000019-PA
JHU_Ag_60309	IPVTALSNMAALSLCELDLSHNHIGAIHSIDLSNK	AGAP000019-PA	M9(Oxidation), C15(Carbamidomethyl)	64	2.47E-06	1	3770.930	2.46	Head	X:+:287078-287182	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_62194	SLTTSYLPSASLGPDDFANFSPELEELRLNR	AGAP000019-PA	-	77	2.07E-07	3	3439.708	1.7	Head	X:+:285659-285751	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_63722	NNDLLLEVLK	AGAP000019-PA	-	70	7.08E-07	2	1170.674	0.5	Head	X:+:288748-288777	exon=> In CDS Exon 9 of transcript AGAP000019-PA
JHU_Ag_66239	QNQLTTVAR	AGAP000019-PA	Q3(Deamidated)	49	0.000204195	2	1030.564	0.11	Head	X:+:286775-286801	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_68532	KLQSITFGGVGFSR	AGAP000019-PA	-	77	1.51E-07	2	1496.823	0.33	Head	X:+:288197-288238	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_73759	HATPLAYAK	AGAP000019-PA	-	51	9.55E-05	2	971.529	-1.87	Head	X:+:288664-288690	exon=> In CDS Exon 9 of transcript AGAP000019-PA
JHU_Ag_75065	LDVSHNQLTK	AGAP000019-PA	-	74	2.81E-07	1	1154.617	0.89	Head	X:+:287048-287077	exon=> In CDS Exon 5 of transcript AGAP000019-PA

JHU_Ag_76031	EIDTQNHPPCAFNPLCTCSK	AGAP000019-PA	C10(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	102	3.70E-10	1	2389.035	-0.83	Head	X:+:284325-284384	exon=> In CDS Exon 1 of transcript AGAP000019-PA
JHU_Ag_76894	LEDAAFATLPR	AGAP000019-PA	-	59	2.07E-05	2	1203.635	-1.72	Visceras	X:+:287370-287402	exon=> In CDS Exon 6 of transcript AGAP000019-PA
JHU_Ag_77626	AHAFTHVR	AGAP000019-PA	-	64	3.85E-06	1	938.494	-1.77	Head	X:+:285773-285796	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_78357	NLVSLELHDNQIDALAK	AGAP000019-PA	-	115	3.50E-11	1	1893.013	2.66	Head	X:+:286025-286075	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_79934	LLLADNLLQHVPYDAVSVLSR	AGAP000019-PA	-	150	2.55E-15	1	2336.302	2.06	Head	X:+:284970-285032	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_81862	EVLFPAVPK	AGAP000019-PA	-	37	0.001386586	2	999.588	0.6	Head	X:+:284418-284444	exon=> In CDS Exon 1 of transcript AGAP000019-PA
JHU_Ag_82341	LDLSENRIDSIEPDAFSDVGHSLVSLR	AGAP000019-PA	-	136	2.68E-13	1	2984.507	3.79	Head	X:+:285809-285889	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_85881	LMMISLGYNNIK	AGAP000019-PA	M3(Oxidation)	60	1.19E-05	2	1396.736	2.49	Head	X:+:286106-286141	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_87313	LQSITFGGVGFSR	AGAP000019-PA	Q2(Deamidated)	97	1.90E-09	1	1368.732	3.31	Head	X:+:288200-288238	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_89624	SLSWLDLSHNR	AGAP000019-PA	-	85	3.82E-08	1	1327.674	-0.94	Head	X:+:287328-287360	exon=> In CDS Exon 6 of transcript AGAP000019-PA
JHU_Ag_91149	ELEPYFLQSTGLYR	AGAP000019-PA	-	57	3.20E-05	2	1715.866	1.41	Visceras	X:+:284559-284600	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_95314	ELEPYFLQSTGLYR	AGAP000019-PA	-	100	1.50E-09	2	1715.872	4.47	Head	X:+:284559-284600	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_98068	LSHNLLTEVPAELFR	AGAP000019-PA	-	107	1.22E-10	1	1738.954	2.77	Head	X:+:286913-286957	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_99384	NRLQDLTPDEDEQQGMPGMPGGNYR	AGAP000019-PA	M16(Oxidation), M19(Oxidation)	32	0.004471886	3	2850.245	1.02	Head	X:+:285057-285131	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_100730	GSDCGDSANELR	AGAP000019-PA	C4(Carbamidomethyl)	85	8.61E-09	1	1280.517	-0.36	Head	X:+:288691-288726	exon=> In CDS Exon 9 of transcript AGAP000019-PA
JHU_Ag_101880	NQPIALAELGNMR	AGAP000019-PA	M12(Oxidation)	112	8.82E-11	1	1442.745	2.29	Head	X:+:285611-285649	exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_102797	SLTISTFPALPNFNIPR	AGAP000019-PA	-	73	2.64E-07	1	1888.032	-0.34	Head	X:+:287978-288028	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_105540	LFMLTMDGTGLR	AGAP000019-PA	M3(Oxidation),M6(Oxidation),"M3(Oxidation), M6(Oxidation)"	65	4.92E-06	2	1386.678	1.7	Head	X:+:284523-284558	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_107071	GNDITTVAPDAFR	AGAP000019-PA	-	64	8.48E-06	2	1376.682	1.28	Head	X:+:284760-284798	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_109933	ILENANNLR	AGAP000019-PA	-	64	3.12E-06	2	1056.579	-1.08	Head	X:+:288029-288055	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_111315	QYLCPANPWTETSLTNYFK	AGAP000019-PA	C4(Carbamidomethyl)	88	2.49E-08	2	2333.096	2.35	Head	X:+:288607-288663	exon=> In CDS Exon 9 of transcript AGAP000019-PA
JHU_Ag_112912	ASKPIAVAATDLRR	AGAP000019-PA	-	37	0.000873754	1	1468.859	-0.42	Head	X:+:288131-288172	exon=> In CDS Exon 8 of transcript AGAP000019-PA
JHU_Ag_114312	IRELYVR	AGAP000019-PA	-	44	0.000184928	1	948.562	-0.21	Head	X:+:285279-285299	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_116779	LQDLTPDEDEQQGMPGMPGGNYR	AGAP000019-PA	M14(Oxidation), M17(Oxidation)	71	4.01E-07	1	2580.103	2.09	Head	X:+:285063-285131	exon=> In CDS Exon 2 of transcript AGAP000019-PA
JHU_Ag_117649	IIPGYFRPTELSLMK	AGAP000019-PA	M14(Oxidation)	41	0.00056039	1	1780.969	1.53	Head	X:+:286718-286762	exon=> In CDS Exon 5 of transcript AGAP000019-PA
JHU_Ag_117757	GTFQSDIHTK	AGAP000019-PA	-	71	1.23E-06	1	1133.559	0.57	Head	X:+:286076-286105	exon=> In CDS Exon 3 of transcript AGAP000019-PA

JHU_Ag_2262	LLNVLR	AGAP000020-PA	N3(Deamidated)	33	0.001675411	2	728.467	0.34	Malpighian tubule	X:+:297664-297681	exon=> In CDS Exon 9 of transcript AGAP000020-PA
JHU_Ag_88265	LLNVLR	AGAP000020-PA	N3(Deamidated)	34	0.002243117	1	728.468	1.36	Head	X:+:297664-297681	exon=> In CDS Exon 9 of transcript AGAP000020-PA
JHU_Ag_103031	LLNVLR	AGAP000020-PA	N3(Deamidated)	34	0.002117639	1	728.468	2.12	Visceras	X:+:297664-297681	exon=> In CDS Exon 9 of transcript AGAP000020-PA
JHU_Ag_108559	LLNVLR	AGAP000020-PA	N3(Deamidated)	39	0.000727532	1	728.468	1.68	Salivary gland	X:+:297664-297681	exon=> In CDS Exon 9 of transcript AGAP000020-PA
JHU_Ag_12590	ICQQGEDACLTEIR	AGAP000021-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	101	9.75E-10	2	1692.767	-0.47	Head	X:+:314902-314943	exon=> In CDS Exon 2 of transcript AGAP000021-PA
JHU_Ag_360	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	108	9.26E-11	1	2290.234	6.69	Larva	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_1009	DGGDEAPMNLEEADK	AGAP000022-PA	M8(Oxidation)	59	4.55E-06	2	1606.661	4.35	Larva	X:-:310582-310538	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_5358	ALLGQGVR	AGAP000022-PA	-	45	0.000152859	2	813.484	-12.57	Salivary gland	X:-:310648-310625	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_5852	SALIATYVPTK	AGAP000022-PA	-	76	1.64E-07	2	1163.670	2.37	Salivary gland	X:-:309404-309372	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_9169	SLTHTDYGFWTHK	AGAP000022-PA	-	69	1.99E-06	1	1592.750	0.26	Salivary gland	X:-:310537-310499	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_9225	DGGDEAPMNLEEADK	AGAP000022-PA	M8(Oxidation)	44	0.000125141	2	1606.655	1.01	Salivary gland	X:-:310582-310538	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_9388	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	144	5.44E-14	1	2616.286	0.59	Visceras	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_10277	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	133	6.63E-13	1	2616.292	2.83	Pupa	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_10559	QFADQLPEVER	AGAP000022-PA	-	63	7.95E-06	2	1331.660	0.67	Salivary gland	X:-:311618-311586	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_11452	SGNPGYFVVLNLASTDQK	AGAP000022-PA	-	126	3.70E-12	2	1909.967	0.9	Head	X:-:309671-309618	exon=> In CDS Exon 5 of transcript AGAP000022-PA
JHU_Ag_11820	VVVDITPNYVTK	AGAP000022-PA	-	67	1.58E-06	2	1347.753	0.62	Pupa	X:-:310918-310883	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_11992	LKQLVSTFGTK	AGAP000022-PA	-	41	0.000158136	1	1221.725	4.25	Malpighian tubule	X:-:311507-311837,309966-310928	exon=> In CDS Exon 4 and 3 of transcript AGAP000022-PA
JHU_Ag_12382	SGNPGYFVVLNLASTDQK	AGAP000022-PA	-	48	0.000235144	2	1909.968	1.28	Ovary	X:-:309671-309618	exon=> In CDS Exon 5 of transcript AGAP000022-PA
JHU_Ag_14262	LPADETYLVETAAVQGK	AGAP000022-PA	-	98	2.20E-09	2	1804.936	2.02	Male reproductive organs	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_16175	HLLINR	AGAP000022-PA	-	31	0.002431335	2	765.472	-0.72	Pupa	X:-:310600-310583	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_18361	SGNPGYFVVLNLASTDQK	AGAP000022-PA	-	118	2.09E-11	1	1909.971	2.88	Malpighian tubule	X:-:309671-309618	exon=> In CDS Exon 5 of transcript AGAP000022-PA
JHU_Ag_20312	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	202	9.72E-20	1	2616.292	3.11	Head	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_22039	HLLINR	AGAP000022-PA	-	32	0.001377305	1	765.475	2.23	Larva	X:-:310600-310583	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_22223	SALIATYVPTK	AGAP000022-PA	-	64	1.89E-06	1	1163.674	5.73	Pupa	X:-:309404-309372	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_22230	GVIYRLPADETYLVETAAVQGK	AGAP000022-PA	-	86	1.57E-08	2	2393.278	2.79	Malpighian tubule	X:-:311573-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_26599	MLNGAGVEPSGAEPTEK	AGAP000022-PA	M1(Oxidation),N3(Deamidated),"M1(Oxidation), N3(Deamidated)"	89	1.74E-08	2	1702.797	1.07	Head	X:-:312207-312157	exon=> In CDS Exon 2 of transcript AGAP000022-PA
JHU_Ag_28830	VVVDITPNYVTK	AGAP000022-PA	-	38	0.001278283	2	1347.759	5.42	Larva	X:-:310918-310883	exon=> In CDS Exon 4 of transcript AGAP000022-PA

JHU_Ag_30136	EGSGPDVAR	AGAP000022-PA	-	34	0.002119278	2	887.421	-0.75	Head	X:-:310312-310286	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_31258	SGNPGYFVVLNLASTDQK	AGAP000022-PA	-	102	9.79E-10	2	1909.967	0.71	Midgut	X:-:309671-309618	exon=> In CDS Exon 5 of transcript AGAP000022-PA
JHU_Ag_32090	LPADETYLVETAAVQGK	AGAP000022-PA	-	66	3.61E-06	2	1804.938	2.76	Ovary	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_32451	VPVDAVPLSPK	AGAP000022-PA	-	65	1.39E-06	1	1121.655	-1.64	Head	X:-:309437-309405	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_32699	DGGDEAPMNLEEADK	AGAP000022-PA	M8(Oxidation)	36	0.000708143	2	1606.659	3.36	Malpighian tubule	X:-:310582-310538	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_32885	LPADETYLVETAAVQGK	AGAP000022-PA	-	121	1.26E-11	1	1804.937	2.16	Salivary gland	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_34052	TKVPVDAVPLSPK	AGAP000022-PA	-	40	0.000257778	2	1350.801	1.02	Salivary gland	X:-:309443-309405	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_34300	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	126	3.70E-12	1	2616.293	3.32	Salivary gland	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_39590	EGLGELFR	AGAP000022-PA	-	54	6.14E-05	2	920.483	-0.43	Visceras	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_40006	EGLGELFR	AGAP000022-PA	-	50	0.000162008	2	920.486	2.09	Male reproductive organs	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_40691	EGLGELFR	AGAP000022-PA	-	46	0.000375234	2	920.484	0.36	Midgut	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_41191	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	67	1.42E-06	1	2290.221	0.87	Ovary	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_41590	ALLGQGVR	AGAP000022-PA	-	40	0.000393816	2	813.495	1.61	Head	X:-:310648-310625	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_43467	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	159	1.78E-15	1	2616.286	0.59	Malpighian tubule	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_47313	LPADETYLVETAAVQGK	AGAP000022-PA	-	111	1.17E-10	2	1804.938	2.97	Visceras	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_48066	QFADQLPEVER	AGAP000022-PA	-	45	0.000522757	2	1331.666	5.43	Malpighian tubule	X:-:311618-311586	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_50646	TISEYAVVASGAGSGKPWLQLRYDR	AGAP000022-PA	-	117	1.65E-11	1	2724.426	5.85	Malpighian tubule	X:-:310252-310178	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_53681	EGLGELFR	AGAP000022-PA	-	54	5.49E-05	2	920.484	0.16	Salivary gland	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_54365	VVVDITPNYVTKEDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	52	2.93E-05	1	3945.036	4.56	Head	X:-:310918-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_55952	SLTHTDYGFWTHK	AGAP000022-PA	-	54	6.35E-05	1	1592.758	5.4	Larva	X:-:310537-310499	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_58076	QFADQLPEVER	AGAP000022-PA	-	64	6.59E-06	2	1331.662	2.23	Head	X:-:311618-311586	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_62386	EGLGELFR	AGAP000022-PA	-	57	3.23E-05	2	920.485	1.16	Pupa	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_66099	QFADQLPEVER	AGAP000022-PA	-	67	3.46E-06	2	1331.657	-1.44	Midgut	X:-:311618-311586	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_68109	SALIATYVPTK	AGAP000022-PA	-	72	3.67E-07	2	1163.667	-0.36	Head	X:-:309404-309372	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_71972	LPADETYLVETAAVQGK	AGAP000022-PA	-	125	4.47E-12	1	1804.941	4.73	Head	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_73142	HDIENAYR	AGAP000022-PA	-	28	0.008388182	2	1017.468	-6.62	Head	X:-:310276-310253	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_75656	YDLQLGEPAAR	AGAP000022-PA	-	51	0.000154702	1	1232.627	0.27	Malpighian tubule	X:-:310705-310673	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_75689	FIPSQNGDAR	AGAP000022-PA	-	46	0.000448718	2	1104.547	3.39	Malpighian tubule	X:-:312123-312094	exon=> In CDS Exon 2 of transcript AGAP000022-PA

JHU_Ag_76979	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	100	5.31E-10	1	2290.229	4.15	Head	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_79216	VVVDITPNYVTK	AGAP000022-PA	-	36	0.002165202	2	1347.753	0.62	Visceras	X:-:310918-310883	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_79573	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	60	5.07E-06	1	2290.233	5.99	Malpighian tubule	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_79733	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	106	1.66E-10	1	2290.223	1.59	Salivary gland	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_80277	VVVDITPNYVTK	AGAP000022-PA	-	67	1.79E-06	2	1347.757	3.61	Head	X:-:310918-310883	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_82614	TKVPVDAVPLSPK	AGAP000022-PA	-	74	1.21E-07	1	1350.802	2.2	Head	X:-:309443-309405	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_84033	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	82	4.24E-08	2	2290.216	-1.2	Pupa	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_84573	HLLINR	AGAP000022-PA	-	39	0.00025353	1	765.474	1.35	Head	X:-:310600-310583	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_86134	SGNPGYFVVLNLASTDQK	AGAP000022-PA	-	60	1.50E-05	1	1909.975	4.73	Salivary gland	X:-:309671-309618	exon=> In CDS Exon 5 of transcript AGAP000022-PA
JHU_Ag_86493	TKVPVDAVPLSPK	AGAP000022-PA	-	54	1.12E-05	2	1350.798	-0.87	Midgut	X:-:309443-309405	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_87072	EGLGELFR	AGAP000022-PA	-	54	5.66E-05	2	920.485	1.89	Head	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_90678	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	113	7.01E-11	1	2616.297	4.86	Larva	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_91328	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	98	1.16E-09	1	2290.217	-0.73	Male reproductive organs	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_91641	SALIATYVPTK	AGAP000022-PA	-	63	2.68E-06	2	1163.668	0.69	Malpighian tubule	X:-:309404-309372	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_94383	VVVDITPNYVTK	AGAP000022-PA	-	59	1.23E-05	1	1347.754	1.62	Malpighian tubule	X:-:310918-310883	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_96670	LRHDIENAYR	AGAP000022-PA	-	61	1.19E-05	2	1286.659	-0.64	Head	X:-:310282-310253	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_97351	TISEYAVVASGAGSGKPWLQLR	AGAP000022-PA	-	99	8.91E-10	1	2290.224	2.23	Visceras	X:-:310252-310187	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_99140	DGGDEAPMNLEEADK	AGAP000022-PA	M8(Oxidation)	130	2.78E-13	1	1606.657	2.07	Head	X:-:310582-310538	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_99482	LPADETYLVETAAVQGK	AGAP000022-PA	-	108	2.54E-10	1	1804.932	-0.28	Midgut	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_104341	LPADETYLVETAAVQGK	AGAP000022-PA	-	115	5.14E-11	2	1804.933	0.26	Pupa	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_105630	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	67	2.66E-06	1	2616.288	1.5	Ovary	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_105954	VVVDITPNYVTK	AGAP000022-PA	-	66	2.22E-06	1	1347.752	0.26	Salivary gland	X:-:310918-310883	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_107566	SGNPGYFVVLNLASTDQK	AGAP000022-PA	-	80	1.25E-07	1	1909.973	3.78	Pupa	X:-:309671-309618	exon=> In CDS Exon 5 of transcript AGAP000022-PA
JHU_Ag_107830	HLLINR	AGAP000022-PA	-	39	0.000302111	1	765.476	3.35	Malpighian tubule	X:-:310600-310583	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_107838	EGLGELFR	AGAP000022-PA	-	36	0.00376302	2	920.486	2.02	Malpighian tubule	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_107950	TKVPVDAVPLSPK	AGAP000022-PA	-	83	1.13E-08	1	1350.806	4.73	Malpighian tubule	X:-:309443-309405	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_108265	SLTHTDYGFWTHK	AGAP000022-PA	-	44	0.000656746	1	1592.751	1.27	Midgut	X:-:310537-310499	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_109005	SLTHTDYGFWTHK	AGAP000022-PA	-	37	0.002937166	1	1592.748	-0.65	Head	X:-:310537-310499	exon=> In CDS Exon 4 of transcript AGAP000022-PA

JHU_Ag_109197	ALLGQGVR	AGAP000022-PA	-	47	8.75E-05	1	813.497	2.88	Malpighian tubule	X:-:310648-310625	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_109310	EGLGELFR	AGAP000022-PA	-	54	5.72E-05	2	920.487	3.94	Larva	X:-:310483-310460	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_109678	VVVDITPNYVTK	AGAP000022-PA	-	68	1.26E-06	2	1347.751	-0.55	Midgut	X:-:310918-310883	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_110953	LRHDIENAYR	AGAP000022-PA	-	51	0.000106887	2	1286.664	3.25	Malpighian tubule	X:-:310282-310253	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_112318	ASLEHVPASEYTVFHFLLPGVPVFPLDVLTR	AGAP000022-PA	-	59	3.98E-06	1	3450.854	2.16	Malpighian tubule	X:-:310177-310085	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_112773	SGNPGYFVVLNLASTDQK	AGAP000022-PA	-	117	2.50E-11	2	1909.970	2.56	Visceras	X:-:309671-309618	exon=> In CDS Exon 5 of transcript AGAP000022-PA
JHU_Ag_113810	VPVDAVPLSPK	AGAP000022-PA	-	65	8.68E-07	1	1121.660	3.37	Malpighian tubule	X:-:309437-309405	exon=> In CDS Exon 6 of transcript AGAP000022-PA
JHU_Ag_114180	SLTHTDYGFWTHK	AGAP000022-PA	-	81	1.23E-07	1	1592.752	1.76	Malpighian tubule	X:-:310537-310499	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_115916	EDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	138	2.04E-13	1	2616.288	1.29	Midgut	X:-:310882-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_117253	LPADETYLVETAAVQGK	AGAP000022-PA	-	133	7.20E-13	2	1804.938	2.97	Malpighian tubule	X:-:311558-311508	exon=> In CDS Exon 3 of transcript AGAP000022-PA
JHU_Ag_117367	VVVDITPNYVTKEDALFQEALQKPDSAAHSAFVWR	AGAP000022-PA	-	74	1.46E-07	1	3945.067	12.42	Malpighian tubule	X:-:310918-310814	exon=> In CDS Exon 4 of transcript AGAP000022-PA
JHU_Ag_2721	TFASIIHSFLEK	AGAP000023-PA	-	66	2.72E-06	2	1392.755	2.03	Salivary gland	X:-:322060-322025	exon=> In CDS Exon 2 of transcript AGAP000023-PA
JHU_Ag_7297	ALLAAENFVQAQEILR	AGAP000023-PA	-	105	1.83E-10	2	1785.991	2.62	Visceras	X:-:320854-320807	exon=> In CDS Exon 6 of transcript AGAP000023-PA
JHU_Ag_7502	IYVDTYESVNK	AGAP000023-PA	-	50	0.000143848	1	1330.655	1.99	Malpighian tubule	X:-:321875-321843	exon=> In CDS Exon 3 of transcript AGAP000023-PA
JHU_Ag_7831	GTHYSVGFDVGR	AGAP000023-PA	-	62	1.03E-05	1	1294.617	-0.03	Head	X:-:322960-323017,321973-322061	exon=> In CDS Exon 2 and 1 of transcript AGAP000023-PA
JHU_Ag_7911	SVTLNETYLPLFNTENGRK	AGAP000023-PA	N16(Deamidated)	80	1.40E-07	1	2197.115	0.76	Midgut	X:-:322024-322066,321777-321876	exon=> In CDS Exon 3 and 2 of transcript AGAP000023-PA
JHU_Ag_12081	DHGVGAADGCSINMTFLR	AGAP000023-PA	C10(Carbamidomethyl), M14(Oxidation)	41	0.00086348	1	1936.864	0.03	Salivary gland	X:-:320806-320874,320251-320662	exon=> In CDS Exon 7 and 6 of transcript AGAP000023-PA
JHU_Ag_17499	SVTLNETYLPLFNTENGRK	AGAP000023-PA	N16(Deamidated),N13(Deamidated)	46	0.000257909	1	2196.146	7.51	Malpighian tubule	X:-:322024-322066,321777-321876	exon=> In CDS Exon 3 and 2 of transcript AGAP000023-PA
JHU_Ag_21205	MLSDVTASEHK	AGAP000023-PA	M1(Oxidation)	69	1.59E-06	2	1217.584	1.05	Head	X:-:320430-320398	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_25033	DHGVGAADGCSINMTFLR	AGAP000023-PA	C10(Carbamidomethyl), M14(Oxidation),C10(Carbamidomethyl)	113	5.26E-11	1	1936.866	1.05	Head	X:-:320806-320874,320251-320662	exon=> In CDS Exon 7 and 6 of transcript AGAP000023-PA
JHU_Ag_29780	SVTLNETYLPLFNTENGRK	AGAP000023-PA	N16(Deamidated),N13(Deamidated)	87	2.38E-08	1	2196.133	1.71	Head	X:-:322024-322066,321777-321876	exon=> In CDS Exon 3 and 2 of transcript AGAP000023-PA
JHU_Ag_31656	LPVPEVSGLIIESSIER	AGAP000023-PA	-	86	8.71E-09	2	1838.033	3.11	Midgut	X:-:320535-320485	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_32013	TFASIIHSFLEK	AGAP000023-PA	-	73	5.76E-07	1	1392.755	1.94	Malpighian tubule	X:-:322060-322025	exon=> In CDS Exon 2 of transcript AGAP000023-PA
JHU_Ag_32951	ALLAAENFVQAQEILR	AGAP000023-PA	-	140	6.47E-14	2	1785.991	3.03	Head	X:-:320854-320807	exon=> In CDS Exon 6 of transcript AGAP000023-PA

JHU_Ag_38990	RDAIPVLYTR	AGAP000023-PA	-	56	1.75E-05	1	1203.684	-0.8	Head	X:-:322990-322961	exon=> In CDS Exon 1 of transcript AGAP000023-PA
JHU_Ag_40470	FTSLCYAGHLPGYTMNANHHGLVFSINTLSAK	AGAP000023-PA	C5(Carbamidomethyl),"C5(Carbamidomethyl), M15(Oxidation)"	116	3.20E-11	1	3537.714	2.81	Head	X:-:321087-320992	exon=> In CDS Exon 5 of transcript AGAP000023-PA
JHU_Ag_45843	TICVGIIDCIKR	AGAP000023-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	52	6.35E-05	1	1447.782	3.8	Midgut	X:-:320361-320326	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_47212	SVTLNETYLPLFNTENGR	AGAP000023-PA	-	61	1.14E-05	2	2068.051	8.07	Malpighian tubule	X:-:322024-322066,321777-321879	exon=> In CDS Exon 3 and 2 of transcript AGAP000023-PA
JHU_Ag_49779	DAIPVLYTR	AGAP000023-PA	-	43	0.000590 64	2	1047.583	0.06	Head	X:-:322987-322961	exon=> In CDS Exon 1 of transcript AGAP000023-PA
JHU_Ag_52600	TICVGIIDCIKR	AGAP000023-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	53	4.87E-05	2	1447.781	3.21	Salivary gland	X:-:320361-320326	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_53868	ALLAAENFVQAQEILR	AGAP000023-PA	-	73	3.47E-07	1	1785.989	1.8	Malpighian tubule	X:-:320854-320807	exon=> In CDS Exon 6 of transcript AGAP000023-PA
JHU_Ag_54514	TFASIIHSFLEK	AGAP000023-PA	-	76	2.83E-07	1	1392.753	0.27	Midgut	X:-:322060-322025	exon=> In CDS Exon 2 of transcript AGAP000023-PA
JHU_Ag_56024	ELQGIADGAK	AGAP000023-PA	-	67	3.43E-06	1	1001.524	-1.91	Head	X:-:321821-321792	exon=> In CDS Exon 3 of transcript AGAP000023-PA
JHU_Ag_60357	LFHNAEMGPATNGDESQLNILTASPGEHIIHVNSYQR	AGAP000023-PA	M7(Oxidation), N12(Deamidated)	83	5.17E-08	1	4077.954	4.27	Salivary gland	X:-:320646-320536	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_60985	MLSDVTASEHK	AGAP000023-PA	M1(Oxidation)	46	0.000285 024	1	1217.583	-0.29	Midgut	X:-:320430-320398	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_63442	GTHYSVGFDVGR	AGAP000023-PA	-	38	0.002368 758	1	1294.620	1.85	Malpighian tubule	X:-:322960-323017,321973-322061	exon=> In CDS Exon 2 and 1 of transcript AGAP000023-PA
JHU_Ag_63579	SFPQYIR	AGAP000023-PA	-	31	0.007770 098	2	910.478	-0.22	Head	X:-:321842-321822	exon=> In CDS Exon 3 of transcript AGAP000023-PA
JHU_Ag_65719	TFASIIHSFLEK	AGAP000023-PA	-	52	6.47E-05	1	1392.752	-0.37	Ovary	X:-:322060-322025	exon=> In CDS Exon 2 of transcript AGAP000023-PA
JHU_Ag_66899	LPVPEVSGLIIESSIER	AGAP000023-PA	-	123	1.88E-12	1	1838.033	3.11	Salivary gland	X:-:320535-320485	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_67494	TICVGIIDCIK	AGAP000023-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	40	0.001784 329	1	1291.671	-3.11	Head	X:-:320361-320329	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_68816	LFHNAEMGPATNGDESQLNILTASPGEHIIHVNSYQR	AGAP000023-PA	M7(Oxidation), N12(Deamidated),"M7(Oxidation), N19(Deamidated)",M7(Oxidation)	99	1.13E-09	1	4077.934	-0.52	Midgut	X:-:320646-320536	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_69459	IYVDTYESVNK	AGAP000023-PA	-	65	3.71E-06	2	1330.649	-2.41	Midgut	X:-:321875-321843	exon=> In CDS Exon 3 of transcript AGAP000023-PA
JHU_Ag_71679	DHGVGAADGCSINMTFLR	AGAP000023-PA	C10(Carbamidomethyl)	83	5.95E-08	1	1920.876	3.36	Midgut	X:-:320806-320874,320251-320662	exon=> In CDS Exon 7 and 6 of transcript AGAP000023-PA
JHU_Ag_72608	YAPPKTVADVVR	AGAP000023-PA	-	71	8.36E-07	1	1315.741	2.74	Malpighian tubule	X:-:320466-320431	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_81765	SVTLNETYLPLFNTENGR	AGAP000023-PA	N16(Deamidated),N13(Deamidated)	96	3.49E-09	2	2068.039	2.17	Midgut	X:-:322024-322066,321777-321879	exon=> In CDS Exon 3 and 2 of transcript AGAP000023-PA
JHU_Ag_85729	SVTLNETYLPLFNTENGR	AGAP000023-PA	-	66	3.85E-06	1	2068.037	1.22	Visceras	X:-:322024-322066,321777-321879	exon=> In CDS Exon 3 and 2 of transcript AGAP000023-PA
JHU_Ag_85892	VAPADLER	AGAP000023-PA	-	29	0.009248 898	1	870.468	0.43	Head	X:-:323014-322991	exon=> In CDS Exon 1 of transcript AGAP000023-PA

JHU_Ag_86907	LPVPEVSGLIIESSIER	AGAP000023-PA	-	100	4.02E-10	2	1838.032	2.78	Pupa	X:-:320535-320485	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_87041	LFHNAEMGPATNGDESQLNILTASPGEHIIHVNSYQR	AGAP000023-PA	M7(Oxidation)	158	1.50E-15	1	4076.958	1.49	Head	X:-:320646-320536	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_91870	TWTLYAENPAYVPPLVVLPLVLKD	AGAP000023-PA	-	55	7.45E-06	2	2711.506	-0.02	Midgut	X:-:320325-320254	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_95107	SVTLNETYLPLFNTENGR	AGAP000023-PA	-	110	1.70E-10	2	2068.036	0.63	Head	X:-:322024-322066,321777-321879	exon=> In CDS Exon 3 and 2 of transcript AGAP000023-PA
JHU_Ag_95177	TICVGIIDCIKR	AGAP000023-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	70	1.17E-06	1	1447.777	0.68	Head	X:-:320361-320326	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_101083	ALLAAENFVQAQEILR	AGAP000023-PA	-	62	3.35E-06	2	1785.992	3.71	Pupa	X:-:320854-320807	exon=> In CDS Exon 6 of transcript AGAP000023-PA
JHU_Ag_101976	ALLAAENFVQAQEILR	AGAP000023-PA	-	74	2.08E-07	2	1785.994	4.8	Male reproductive organs	X:-:320854-320807	exon=> In CDS Exon 6 of transcript AGAP000023-PA
JHU_Ag_103225	LPVPEVSGLIIESSIER	AGAP000023-PA	-	115	1.07E-11	1	1838.040	7.09	Visceras	X:-:320535-320485	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_103231	IYVDTYESVNK	AGAP000023-PA	-	52	6.74E-05	1	1330.655	1.62	Salivary gland	X:-:321875-321843	exon=> In CDS Exon 3 of transcript AGAP000023-PA
JHU_Ag_103850	LPVPEVSGLIIESSIER	AGAP000023-PA	-	137	7.09E-14	1	1838.031	2.38	Head	X:-:320535-320485	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_105319	TFASIIHSFLEK	AGAP000023-PA	-	99	1.41E-09	1	1392.756	2.38	Head	X:-:322060-322025	exon=> In CDS Exon 2 of transcript AGAP000023-PA
JHU_Ag_106387	ALLAAENFVQAQEILR	AGAP000023-PA	-	122	3.56E-12	2	1785.994	4.39	Salivary gland	X:-:320854-320807	exon=> In CDS Exon 6 of transcript AGAP000023-PA
JHU_Ag_106959	RDAIPVLYTR	AGAP000023-PA	-	50	7.56E-05	1	1203.686	1.43	Malpighian tubule	X:-:322990-322961	exon=> In CDS Exon 1 of transcript AGAP000023-PA
JHU_Ag_107497	LPVPEVSGLIIESSIER	AGAP000023-PA	-	109	3.78E-11	1	1838.040	6.89	Malpighian tubule	X:-:320535-320485	exon=> In CDS Exon 7 of transcript AGAP000023-PA
JHU_Ag_108890	KIYVDTYESVNK	AGAP000023-PA	-	104	6.02E-10	1	1458.746	-1.28	Head	X:-:321878-321843	exon=> In CDS Exon 3 of transcript AGAP000023-PA
JHU_Ag_111196	ALLAAENFVQAQEILR	AGAP000023-PA	-	126	1.68E-12	2	1785.986	0.23	Midgut	X:-:320854-320807	exon=> In CDS Exon 6 of transcript AGAP000023-PA
JHU_Ag_117232	IYVDTYESVNK	AGAP000023-PA	-	94	5.05E-09	1	1330.652	-0.67	Head	X:-:321875-321843	exon=> In CDS Exon 3 of transcript AGAP000023-PA
JHU_Ag_105068	TLATNVMVQR	AGAP000025-PA	M7(Oxidation)	40	0.001262091	2	1148.614	3.74	Malpighian tubule	X:-:334678-334649	exon=> In CDS Exon 3 of transcript AGAP000025-PA
JHU_Ag_640	ESTDSSSTTVEDDDCK	AGAP000028-PA	C15(Carbamidomethyl)	91	6.50E-10	1	1775.680	2.15	Head	X:+:363489-363536	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_12478	STGFEFAAK	AGAP000028-PA	-	38	0.001268491	1	957.468	0.79	Ovary	X:+:362601-362627	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_15074	VASVVHR	AGAP000028-PA	-	61	4.02E-06	2	767.450	-3.37	Head	X:+:363330-363350	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_24231	ESTDSSSTTVEDDDCKAR	AGAP000028-PA	C15(Carbamidomethyl)	31	0.002194485	1	2002.814	-0.23	Head	X:+:363489-363542	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_28775	LTQYIDKQGHPHTVQTEETR	AGAP000028-PA	-	138	2.71E-13	1	2381.184	-0.1	Head	X:+:363804-363863	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_29892	KLQHPNIVR	AGAP000028-PA	-	44	0.000108993	1	1104.664	0.21	Head	X:+:362697-362723	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_32139	SLINQMLTVNPYKR	AGAP000028-PA	M6(Oxidation)	86	1.94E-08	1	1692.908	-1.23	Head	X:+:363237-363278	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_34043	NGSFSNTATQYDFVNHK	AGAP000028-PA	N1(Deamidated), Q10(Deamidated),N1(Deamidated)	144	3.81E-14	1	1929.868	-2.54	Head	X:+:363918-363968	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_39349	FSDNYELKEELGK	AGAP000028-PA	-	60	1.32E-05	1	1571.760	0.45	Ovary	X:+:362526-362564	exon=> In CDS Exon 1 of transcript AGAP000028-PA

JHU_Ag_42966	DLKPENLLLASK	AGAP000028-PA	-	37	0.000930589	1	1340.778	-0.03	Ovary	X:+:362904-362939	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_44903	ICDPHLTSFEPEALGNLIEGMDFHK	AGAP000028-PA	C2(Carbamidomethyl), M21(Oxidation)	164	6.24E-16	1	2886.355	3.75	Head	X:+:363618-363692	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_45795	AGTYDYPSPEWDTVTPEAK	AGAP000028-PA	-	58	1.55E-05	2	2126.952	-1.38	Pupa	X:+:363180-363236	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_49679	RISAADALK	AGAP000028-PA	-	34	0.004723 58	2	944.548	-4.52	Head	X:+:363276-363302	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_50138	FSDNYELKEELGK	AGAP000028-PA	-	74	5.22E-07	1	1571.760	0.62	Male reproductive organs	X:+:362526-362564	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_50731	AINTTILNPHVHIFGEDTACIAYVR	AGAP000028-PA	C20(Carbamidomethyl)	170	8.75E-17	1	2825.448	2.85	Head	X:+:363729-363803	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_56954	LTQYIDK	AGAP000028-PA	-	36	0.003015989	1	880.479	1.17	Head	X:+:363804-363824	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_60465	GAILTTMLATR	AGAP000028-PA	M7(Oxidation)	78	1.80E-07	1	1163.645	-0.34	Ovary	X:+:363402-363434	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_65686	FNFENVLGK	AGAP000028-PA	-	49	0.000127424	2	1067.553	0.89	Ovary	X:+:363693-363719	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_66652	DLKPENLLLASK	AGAP000028-PA	-	51	3.51E-05	2	1340.780	1.11	Visceras	X:+:362904-362939	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_67221	SLINQMLTVNPYK	AGAP000028-PA	M6(Oxidation)	100	1.12E-09	1	1520.816	1.33	Head	X:+:363237-363275	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_68116	ICDPHLTSFEPEALGNLIEGMDFHK	AGAP000028-PA	C2(Carbamidomethyl)	131	1.19E-12	1	2870.364	5.14	Visceras	X:+:363618-363692	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_68886	LTQYIDK	AGAP000028-PA	-	41	0.001059916	2	880.477	-1.06	Ovary	X:+:363804-363824	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_69033	ISAADALKHPWICQR	AGAP000028-PA	C13(Carbamidomethyl)	84	5.52E-08	1	1765.925	4.67	Head	X:+:363279-363323	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_70814	ITEQLIEAINNGDYETYTK	AGAP000028-PA	-	134	5.67E-13	1	2215.087	4.67	Visceras	X:+:363561-363617	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_70852	ITEQLIEAINNGDYETYTK	AGAP000028-PA	-	116	4.06E-11	1	2215.082	2.35	Head	X:+:363561-363617	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_72413	DLKPENLLLASK	AGAP000028-PA	-	51	3.38E-05	2	1340.780	1.39	Pupa	X:+:362904-362939	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_74450	LYVQIK	AGAP000028-PA	-	28	0.005768 08	1	763.472	0.69	Head	X:+:363162-363179	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_74607	QGHPHTVQTEETR	AGAP000028-PA	-	87	2.94E-08	1	1519.720	-3.41	Head	X:+:363825-363863	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_74935	GAILTTMLATR	AGAP000028-PA	-	34	0.002202293	1	1147.652	1.14	Head	X:+:363402-363434	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_75445	NGSFSNTATQYDFVNHK	AGAP000028-PA	-	93	5.07E-09	1	1929.872	-0.08	Visceras	X:+:363918-363968	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_76570	DLKPENLLLASK	AGAP000028-PA	-	65	1.65E-06	1	1340.778	-0.72	Head	X:+:362904-362939	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_78407	FSDNYELK	AGAP000028-PA	-	63	3.29E-06	2	1015.475	1.92	Head	X:+:362526-362549	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_78720	AGTYDYPSPEWDTVTPEAK	AGAP000028-PA	-	77	2.50E-07	1	2126.957	0.8	Visceras	X:+:363180-363236	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_81032	FNFENVLGK	AGAP000028-PA	-	49	0.000174667	1	1067.553	0.55	Visceras	X:+:363693-363719	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_81371	STGFEFAAK	AGAP000028-PA	-	34	0.002638076	1	957.468	0.86	Head	X:+:362601-362627	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_85982	EFYSEADASHCIQQILESVNHCHQNGV VHR	AGAP000028-PA	C11(Carbamidomethyl), C22(Carbamidomethyl)	121	7.59E-12	1	3564.611	-0.5	Head	X:+:362814-362903	exon=> In CDS Exon 1 of transcript AGAP000028-PA

JHU_Ag_86094	FNFENVLGK	AGAP000028-PA	-	46	0.000251335	2	1067.553	0.78	Head	X:+:363693-363719	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_87092	AGTYDYPSPEWDTVTPEAK	AGAP000028-PA	-	98	1.71E-09	1	2126.953	-1.04	Head	X:+:363180-363236	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_95449	ISAADALK	AGAP000028-PA	-	39	0.002683275	2	788.451	-0.01	Head	X:+:363279-363302	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_95937	AGTYDYPSPEWDTVTPEAK	AGAP000028-PA	-	55	3.31E-05	2	2126.952	-1.5	Male reproductive organs	X:+:363180-363236	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_97260	DLKPENLLLASK	AGAP000028-PA	-	43	0.000210425	2	1340.784	4.12	Malpighian tubule	X:+:362904-362939	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_102866	KLQHPNIVR	AGAP000028-PA	-	53	1.56E-05	1	1104.663	-0.62	Visceras	X:+:362697-362723	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_108035	AGTYDYPSPEWDTVTPEAK	AGAP000028-PA	-	105	3.85E-10	1	2126.959	1.6	Malpighian tubule	X:+:363180-363236	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_110719	EFYSEADASHCIQQILESVNHCHQNGVVHR	AGAP000028-PA	C11(Carbamidomethyl), Q14(Deamidated), C22(Carbamidomethyl),"C11(Carbamidomethyl), C22(Carbamidomethyl), Q24(Deamidated)","C11(Carbamidomethyl), N20(Deamidated), C22(Carbamidomethyl)","C11(Carbamidomethyl), Q13(Deamidated), C22(Carbamidomethyl)","C11(Carbamidomethyl), C22(Carbamidomethyl), N25(Deamidated)"	132	5.99E-13	1	3565.621	6.72	Ovary	X:+:362814-362903	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_111036	ICDPHLTSFEPEALGNLIEGMDFHK	AGAP000028-PA	C2(Carbamidomethyl), M21(Oxidation)	110	1.39E-10	1	2886.344	0.02	Ovary	X:+:363618-363692	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_113981	STGFEFAAK	AGAP000028-PA	-	36	0.001774828	1	957.467	-0.61	Male reproductive organs	X:+:362601-362627	exon=> In CDS Exon 1 of transcript AGAP000028-PA
JHU_Ag_2796	LQQQQLLR	AGAP000029-PA	Q4(Deamidated), Q5(Deamidated)	34	0.004139428	1	1028.587	13.54	Midgut	X:-:381778-381755	exon=> In CDS Exon 9 of transcript AGAP000029-PA
JHU_Ag_3024	YGHFGEGGQIYSFSLNNPK	AGAP000032-PA	-	74	6.69E-07	1	2114.994	0.22	Male reproductive organs	X:+:418784-418805,421014-421048	exon=> In CDS Exon 7 and 8 of transcript AGAP000032-PA
JHU_Ag_11364	DIGPQVVHIYEIR	AGAP000032-PA	-	86	2.02E-08	1	1538.836	1.95	Ovary	X:+:422765-422803	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_16816	GNTYNDQNEQIDTK	AGAP000032-PA	-	49	7.75E-05	2	1639.718	-1.01	Pupa	X:+:415466-415466,416787-416827	exon=> In CDS Exon 2 and 3 of transcript AGAP000032-PA
JHU_Ag_24156	DIGPQVVHIYEIR	AGAP000032-PA	-	65	2.95E-06	1	1538.835	1.32	Midgut	X:+:422765-422803	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_24631	GVGGSSSSSAAGSSSSGSR	AGAP000032-PA	-	93	4.66E-09	2	1571.697	4.65	Malpighian tubule	X:+:423146-423202	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_26622	DIGPQVVHIYEIR	AGAP000032-PA	-	56	2.35E-05	1	1538.835	1.32	Male reproductive organs	X:+:422765-422803	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_27772	GNTYNDQNEQIDTK	AGAP000032-PA	-	102	4.79E-10	1	1639.723	2.19	Head	X:+:415466-415466,416787-416827	exon=> In CDS Exon 2 and 3 of transcript AGAP000032-PA

JHU_Ag_31887	AHTEPVLDQNR	AGAP000032-PA	-	39	0.002131 53	1	1279.641	1.22	Male reproductive organs	X:+:422159-422191	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_33653	AGPIGNSDVAFVALR	AGAP000032-PA	-	104	5.44E-10	1	1486.804	2.04	Head	X:+:424484-424528	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_35511	AVAHTLHQLSSSAPLHFSTMNVAR	AGAP000032-PA	M20(Oxidation)	106	3.04E-10	1	2591.317	0.98	Male reproductive organs	X:+:424535-424606	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_37148	NNMQNFEDISPCR	AGAP000032-PA	C12(Carbamidomethyl)	40	0.000456 087	1	1624.690	3.26	Head	X:+:417054-417092	exon=> In CDS Exon 4 of transcript AGAP000032-PA
JHU_Ag_38355	AGPIGNSDVAFVALR	AGAP000032-PA	-	101	1.05E-09	2	1486.798	-2.4	Midgut	X:+:424484-424528	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_39547	DIGPQVVHIYEIR	AGAP000032-PA	-	51	7.37E-05	2	1538.833	0.21	Pupa	X:+:422765-422803	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_39965	AHTEPVLDQNR	AGAP000032-PA	-	47	0.000345 553	1	1279.640	0.74	Midgut	X:+:422159-422191	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_47908	VYIMYQGAAADGR	AGAP000032-PA	M4(Oxidation)	80	1.30E-07	2	1430.677	2.68	Male reproductive organs	X:+:421373-421411	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_53366	NNMQNFEDISPCR	AGAP000032-PA	C12(Carbamidomethyl)	32	0.002808 375	2	1624.689	2.88	Pupa	X:+:417054-417092	exon=> In CDS Exon 4 of transcript AGAP000032-PA
JHU_Ag_55896	ASQVIQAEDMAGVTR	AGAP000032-PA	M10(Oxidation)	97	3.53E-09	2	1575.784	2.85	Malpighian tubule	X:+:421598-421642	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_64092	DIGPQVVHIYEIR	AGAP000032-PA	-	102	5.38E-10	1	1538.839	4.02	Head	X:+:422765-422803	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_69569	NCGPDNVCVPDLR	AGAP000032-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	43	0.000406 712	2	1515.667	-0.6	Midgut	X:+:422228-422266	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_75576	ASQVIQAEDMAGVTR	AGAP000032-PA	M10(Oxidation)	59	2.32E-05	2	1591.780	3.63	Male reproductive organs	X:+:421598-421642	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_78546	AGPIGNSDVAFVALR	AGAP000032-PA	-	86	3.62E-08	1	1486.807	3.92	Visceras	X:+:424484-424528	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_82421	AVAHTLHQLSSSAPLHFSTMNVAR	AGAP000032-PA	M20(Oxidation)	79	1.64E-07	1	2591.324	3.45	Head	X:+:424535-424606	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_84585	ASQVIQAEDMAGVTR	AGAP000032-PA	-	78	2.33E-07	2	1575.781	1.06	Pupa	X:+:421598-421642	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_84788	GVGGSSSSSAAGSSSSGSR	AGAP000032-PA	-	69	9.72E-07	2	1571.695	3.49	Head	X:+:423146-423202	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_86543	GNTYNDQNEQIDTK	AGAP000032-PA	-	54	2.61E-05	2	1639.721	1.07	Male reproductive organs	X:+:415466-415466,416787-416827	exon=> In CDS Exon 2 and 3 of transcript AGAP000032-PA
JHU_Ag_88579	GAVYIFYGSR	AGAP000032-PA	-	42	0.001008 121	1	1132.579	0.05	Ovary	X:+:421550-421579	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_90104	AVAHTLHQLSSSAPLHFSTMNVAR	AGAP000032-PA	M20(Oxidation)	126	3.30E-12	1	2591.308	-2.55	Midgut	X:+:424535-424606	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_98871	YGHFGEGGQIYSFSLNNPK	AGAP000032-PA	-	53	7.28E-05	1	2114.993	-0.12	Pupa	X:+:418784-418805,421014-421048	exon=> In CDS Exon 7 and 8 of transcript AGAP000032-PA
JHU_Ag_100917	ARPVAAMVASTLFEPK	AGAP000032-PA	M7(Oxidation)	42	0.000524 183	1	1703.917	1.4	Male reproductive organs	X:+:421751-421798	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_102200	DIGPQVVHIYEIR	AGAP000032-PA	-	38	0.001304 424	1	1538.840	4.73	Malpighian tubule	X:+:422765-422803	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_104229	VYIMYQGAAADGR	AGAP000032-PA	M4(Oxidation)	86	2.73E-08	2	1430.672	-0.82	Midgut	X:+:421373-421411	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_106929	VYVADNIR	AGAP000032-PA	-	38	0.002706 024	2	949.510	0.31	Midgut	X:+:422057-422080	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_107565	AHTEPVLDQNR	AGAP000032-PA	-	51	0.000135 419	1	1279.634	-3.84	Head	X:+:422159-422191	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_110588	VGVSSASYSSSMGR	AGAP000032-PA	M12(Oxidation)	63	5.22E-06	2	1390.627	0.25	Male reproductive organs	X:+:423002-423043	exon=> In CDS Exon 8 of transcript AGAP000032-PA

JHU_Ag_111937	YVFHQLQPR	AGAP000032-PA	-	45	0.000474052	2	1187.633	0.9	Head	X:+:416982-417008	exon=> In CDS Exon 4 of transcript AGAP000032-PA
JHU_Ag_113199	VDAGGYGAAGGAGGSGFGGGSSSSSSSR	AGAP000032-PA	-	96	1.32E-09	2	2306.990	1.44	Head	X:+:423563-423646	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_116649	DIGPQVVHIYEIR	AGAP000032-PA	-	68	1.42E-06	1	1538.833	0.29	Visceras	X:+:422765-422803	exon=> In CDS Exon 8 of transcript AGAP000032-PA
JHU_Ag_37622	SAAHQGSEASGLNHIADFAEGNDLDATK	AGAP000033-PA	-	198	2.00E-19	1	2826.289	-1.39	Head	X:+:437334-437417	exon=> In CDS Exon 5 of transcript AGAP000033-PA
JHU_Ag_60971	AVSCANQTFADFLK	AGAP000033-PA	C4(Carbamidomethyl)	48	0.000200883	2	1571.755	1.81	Head	X:+:437205-437246	exon=> In CDS Exon 5 of transcript AGAP000033-PA
JHU_Ag_68134	EKPKPSAPSSEEDDTPDGKQQQR	AGAP000033-PA	-	35	0.005138701	1	2554.207	2.05	Head	X:+:434946-435014	exon=> In CDS Exon 3 of transcript AGAP000033-PA
JHU_Ag_77844	SALTVEEEAWNAYPYTK	AGAP000033-PA	-	42	0.000738212	2	1971.922	-5.94	Head	X:+:434074-434124	exon=> In CDS Exon 2 of transcript AGAP000033-PA
JHU_Ag_96593	IPLPLTVEEYR	AGAP000033-PA	-	62	6.34E-06	2	1329.745	2.61	Head	X:+:432517-432549	exon=> In CDS Exon 1 of transcript AGAP000033-PA
JHU_Ag_111383	TNENSTPHMEK	AGAP000033-PA	M9(Oxidation),"N2(Deamidated), M9(Oxidation)"	33	0.000839792	2	1304.527	-11.58	Head	X:+:434835-434867	exon=> In CDS Exon 3 of transcript AGAP000033-PA
JHU_Ag_115461	EAIPIITTTAEADHGGPGAGRPYR	AGAP000033-PA	-	50	0.000130682	1	2450.230	-4.97	Head	X:+:434871-434942	exon=> In CDS Exon 3 of transcript AGAP000033-PA
JHU_Ag_17194	TNVAALEQQLGEER	AGAP000035-PA	-	83	6.67E-08	2	1557.789	1.4	Male reproductive organs	X:-:447820-447779	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_21975	GALESQQTELVEAR	AGAP000035-PA	-	101	1.30E-09	1	1530.776	0.1	Male reproductive organs	X:-:448168-448127	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_25129	TNVAALEQQLGEERDTIQR	AGAP000035-PA	-	53	6.31E-05	3	2171.104	-0.54	Male reproductive organs	X:-:447820-447764	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_26286	ALQTVEADLQR	AGAP000035-PA	-	58	2.18E-05	2	1243.665	0.36	Male reproductive organs	X:-:447205-447173	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_27049	MTQSNLEDFHNQTLLLGR	AGAP000035-PA	M1(Oxidation)	36	0.003738153	1	2133.040	0.14	Male reproductive organs	X:-:448741-448688	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_31791	LVATQEQLQQALEAR	AGAP000035-PA	-	69	1.20E-06	2	1697.919	0.64	Male reproductive organs	X:-:448015-447971	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_35389	HSVAETATEELEAELQHK	AGAP000035-PA	-	40	0.001827334	1	2021.990	6.03	Malpighian tubule	X:-:449446-449393	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_36531	LSELQSISYSK	AGAP000035-PA	-	60	1.08E-05	2	1254.657	-0.49	Male reproductive organs	X:-:445326-445294	exon=> In CDS Exon 5 of transcript AGAP000035-PA
JHU_Ag_48210	LLESYGYDPLQR	AGAP000035-PA	-	54	5.69E-05	2	1453.738	4.04	Salivary gland	X:-:451670-451635	exon=> In CDS Exon 3 of transcript AGAP000035-PA
JHU_Ag_50151	SADEELETEAAK	AGAP000035-PA	-	49	0.000119736	2	1292.585	-0.6	Male reproductive organs	X:-:451276-451241	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_55214	LVATQEQLQQALEAR	AGAP000035-PA	-	75	2.63E-07	2	1697.918	0.14	Midgut	X:-:448015-447971	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_63230	ASLQTSLDEQR	AGAP000035-PA	-	69	2.12E-06	1	1247.623	0.14	Male reproductive organs	X:-:447451-447419	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_63550	ESEVAHLNAR	AGAP000035-PA	-	41	0.000871121	2	1125.566	0.85	Male reproductive organs	X:-:446458-446429	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_67653	LLESYGYDPLQR	AGAP000035-PA	-	55	4.43E-05	2	1453.736	2.86	Male reproductive organs	X:-:451670-451635	exon=> In CDS Exon 3 of transcript AGAP000035-PA
JHU_Ag_70457	EAATASSPVPSGEVDELR	AGAP000035-PA	-	38	0.002152182	1	1814.880	1.61	Salivary gland	X:-:446551-446498	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_72606	IIDEQLGALSR	AGAP000035-PA	-	61	8.43E-06	2	1214.677	2.72	Salivary gland	X:-:451907-451875	exon=> In CDS Exon 2 of transcript AGAP000035-PA
JHU_Ag_72888	HSVAETATEELEAELQHK	AGAP000035-PA	-	99	2.00E-09	1	2021.994	8.21	Ovary	X:-:449446-449393	exon=> In CDS Exon 4 of transcript AGAP000035-PA

JHU_Ag_72933	HSVAETATEELEAELQHK	AGAP000035-PA	-	48	0.000290159	1	2021.986	4.22	Midgut	X:-:449446-449393	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_77218	ELEVLNQQILHDLQFEDR	AGAP000035-PA	-	56	2.80E-05	1	2239.151	6.86	Salivary gland	X:-:446209-446156	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_88235	LTEENALLVQR	AGAP000035-PA	-	54	3.95E-05	2	1285.713	1.71	Salivary gland	X:-:451117-451085	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_95814	SAELQQIQQR	AGAP000035-PA	-	72	7.79E-07	2	1200.632	-0.67	Male reproductive organs	X:-:449599-449570	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_96328	LTEENALLVQR	AGAP000035-PA	-	59	1.23E-05	2	1285.711	-0.28	Male reproductive organs	X:-:451117-451085	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_106200	LVATQEQLQQALEAR	AGAP000035-PA	-	133	4.15E-13	2	1697.927	5.24	Salivary gland	X:-:448015-447971	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_111515	LTEQLAAAR	AGAP000035-PA	-	84	4.61E-08	2	972.543	-4.05	Male reproductive organs	X:-:448978-448952	exon=> In CDS Exon 4 of transcript AGAP000035-PA
JHU_Ag_111750	ASSASASSQSLATIDQGVPLR	AGAP000035-PA	-	78	2.59E-07	2	2046.046	0.02	Male reproductive organs	X:-:452486-452424	exon=> In CDS Exon 2 of transcript AGAP000035-PA
JHU_Ag_57403	HVIESANFDGR	AGAP000037-PA	-	42	0.000716456	2	1244.599	-2.18	Head	X:+:466737-466769	exon=> In CDS Exon 5 of transcript AGAP000037-PA
JHU_Ag_6478	IVLGYLSDKPWVNR	AGAP000040-PA	-	88	8.79E-09	1	1659.921	-0.5	Midgut	X:+:509418-509459	exon=> In CDS Exon 5 of transcript AGAP000040-PA
JHU_Ag_13320	IVLGYLSDKPWVNR	AGAP000040-PA	-	66	1.41E-06	1	1659.924	1.63	Malpighian tubule	X:+:509418-509459	exon=> In CDS Exon 5 of transcript AGAP000040-PA
JHU_Ag_30227	SAAVATVAIPLE	AGAP000040-PA	-	43	0.00037741	2	1141.647	0.77	Midgut	X:+:509903-509938	exon=> In CDS Exon 6 of transcript AGAP000040-PA
JHU_Ag_40524	DALYTGSVHNIASR	AGAP000040-PA	-	90	1.76E-08	1	1503.765	6.47	Malpighian tubule	X:+:509034-509075	exon=> In CDS Exon 5 of transcript AGAP000040-PA
JHU_Ag_56743	DASYLLGIIGIANTVGR	AGAP000040-PA	-	99	8.45E-10	2	1732.959	-0.22	Midgut	X:+:509367-509417	exon=> In CDS Exon 5 of transcript AGAP000040-PA
JHU_Ag_64292	IVLGYLSDKPWVNR	AGAP000040-PA	-	49	6.88E-05	1	1659.924	1.63	Salivary gland	X:+:509418-509459	exon=> In CDS Exon 5 of transcript AGAP000040-PA
JHU_Ag_112432	LQAIKK	AGAP000041-PA	Q2(Deamidated)	32	0.003534515	1	701.452	-4.8	Head	X:-:512551-512534	exon=> In CDS Exon 2 of transcript AGAP000041-PA
JHU_Ag_82795	LKLTLR	AGAP000042-PA	-	25	0.004093813	2	743.515	1.18	Salivary gland	X:-:530359-530342	exon=> In CDS Exon 3 of transcript AGAP000042-PA
JHU_Ag_3251	NGDPDGVVK	AGAP000044-PA	N1(Deamidated)	53	2.93E-05	2	901.427	0.39	Malpighian tubule	X:+:626999-627025	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_4960	LAPTWEQLAEKLTAR	AGAP000044-PA	-	65	2.34E-06	1	1726.953	2.43	Ovary	X:+:627803-627847	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_5359	LAPTWEQLAEK	AGAP000044-PA	-	75	3.60E-07	2	1285.678	-0.65	Midgut	X:+:627803-627835	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_9556	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	52	7.51E-05	1	2044.947	0.18	Salivary gland	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_9859	GYPTLLWIEDGKK	AGAP000044-PA	-	78	1.95E-07	2	1519.820	2.83	Salivary gland	X:+:627512-627550	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_10020	DGEDGAQEDGGQADAPPAPVSPLTELTEDTFAK	AGAP000044-PA	-	132	6.48E-13	1	3328.497	-0.1	Malpighian tubule	X:+:627236-627334	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_11094	SVVVQLSEGDFAHAIAK	AGAP000044-PA	-	85	3.16E-08	1	1770.941	1.29	Salivary gland	X:+:627701-627751	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_11127	LAPTWEELAR	AGAP000044-PA	-	45	0.000338422	2	1185.625	-0.76	Salivary gland	X:+:627398-627427	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_12067	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	51	0.000102306	1	2044.949	1.08	Head	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_15977	DGVTIAK	AGAP000044-PA	-	44	0.000655541	2	703.398	-0.05	Malpighian tubule	X:+:627848-627868	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_16341	SLDDLHEFVMQHLQDNGPHDEL	AGAP000044-PA	M10(Oxidation)	128	1.41E-12	1	2605.165	1	Malpighian tubule	X:+:627986-628051	exon=> In CDS Exon 2 of transcript AGAP000044-PA

JHU_Ag_18873	LAPTWEELAR	AGAP000044-PA	-	35	0.003907553	2	1185.630	3.26	Ovary	X:+:627398-627427	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_20364	GYPTLLWIEDGK	AGAP000044-PA	-	58	2.00E-05	2	1391.720	-0.42	Salivary gland	X:+:627512-627547	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_20716	SVVVQLSEGDFAHAIAK	AGAP000044-PA	-	34	0.004316707	1	1770.937	-0.92	Pupa	X:+:627701-627751	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_22498	GADRDGEDGAQEDGGQADAPPAPVSPLTELTEDTFAK	AGAP000044-PA	-	141	6.37E-14	1	3727.697	3.28	Malpighian tubule	X:+:627224-627334	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_26222	DLAQFNAFLDEQLAPAAGDGPAK	AGAP000044-PA	-	58	2.34E-05	2	2359.167	4.53	Pupa	X:+:627155-627223	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_27887	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	63	6.85E-06	1	2044.946	-0.54	Ovary	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_28489	SVVVQLSEGDFAHAIAK	AGAP000044-PA	-	106	2.94E-10	1	1770.937	-1.05	Malpighian tubule	X:+:627701-627751	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_30131	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	75	4.19E-07	1	2044.953	3.14	Midgut	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_31904	FYAPWCGHCMR	AGAP000044-PA	C6(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)	52	8.47E-06	1	1500.593	-2.96	Midgut	X:+:627770-627802	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_35782	GADRDGEDGAQEDGGQADAPPAPVSPLTELTEDTFAK	AGAP000044-PA	-	35	0.002394184	1	3727.681	-0.94	Salivary gland	X:+:627224-627334	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_42269	LAPTWEQLAEK	AGAP000044-PA	-	54	5.29E-05	1	1285.680	0.68	Malpighian tubule	X:+:627803-627835	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_42521	LAPTWATLAK	AGAP000044-PA	-	43	0.000469106	1	1071.622	1.63	Malpighian tubule	X:+:626963-626992	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_44701	DLAQFNAFLDEQLAPAAGDGPAK	AGAP000044-PA	-	155	5.28E-15	1	2359.158	0.8	Malpighian tubule	X:+:627155-627223	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_44769	DLAQFNAFLDEQLAPAAGDGPAK	AGAP000044-PA	-	151	1.34E-14	2	2359.158	0.6	Midgut	X:+:627155-627223	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_45276	GYPTLLWIEDGKK	AGAP000044-PA	-	70	1.32E-06	1	1519.815	-0.14	Midgut	X:+:627512-627550	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_47037	VTEYFGHR	AGAP000044-PA	-	53	8.32E-05	1	1008.490	0.25	Midgut	X:+:627962-627985	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_47271	MAGGLKEDGAQGAEPK	AGAP000044-PA	M1(Oxidation)	77	3.21E-07	1	1574.754	4.08	Larva	X:+:627608-627655	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_48582	SLDDLHEFVMQHLQDNGPHDEL	AGAP000044-PA	M10(Oxidation)	75	3.02E-07	1	2605.167	1.56	Head	X:+:627986-628051	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_53343	ELCGEQEVNGYPTVFLYR	AGAP000044-PA	C3(Carbamidomethyl), N9(Deamidated)	46	0.000371645	1	2175.011	2.14	Pupa	X:+:627896-627949	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_54736	MAGGLKEDGAQGAEPK	AGAP000044-PA	M1(Oxidation)	92	9.01E-09	1	1574.747	-0.57	Malpighian tubule	X:+:627608-627655	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_54789	DLAQFNAFLDEQLAPAAGDGPAK	AGAP000044-PA	-	36	0.004238048	1	2359.151	-2.3	Head	X:+:627155-627223	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_56982	VDCTTDGDLCTQHDVTGYPMLK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), M20(Oxidation),"C3(Carbamidomethyl), C10(Carbamidomethyl)"	52	5.12E-05	1	2526.117	8.77	Head	X:+:627035-627100	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_57006	LAPTWEQLAEK	AGAP000044-PA	-	53	6.49E-05	1	1285.679	0.39	Pupa	X:+:627803-627835	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_57524	VTEYFGHR	AGAP000044-PA	-	39	0.001470019	2	1008.483	-6.58	Head	X:+:627962-627985	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_57807	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	68	1.94E-06	1	2044.953	2.96	Male reproductive organs	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA

JHU_Ag_58967	LAPTWEQLAEKLTAR	AGAP000044-PA	-	74	3.03E-07	2	1726.958	5.4	Malpighian tubule	X:+:627803-627847	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_60610	LAPTWEQLAEK	AGAP000044-PA	-	62	7.76E-06	1	1285.685	4.57	Larva	X:+:627803-627835	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_62007	VTEYFGHR	AGAP000044-PA	-	43	0.000851788	2	1008.492	1.89	Ovary	X:+:627962-627985	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_66587	LAPTWEELAR	AGAP000044-PA	-	38	0.001834248	2	1185.624	-2.1	Pupa	X:+:627398-627427	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_66793	VDCTTDGDLCTQHDVTGYPMLK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), M20(Oxidation)	34	0.003089276	1	2542.092	1.11	Pupa	X:+:627035-627100	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_67356	SVVVQLSEGDFAHAIAK	AGAP000044-PA	-	37	0.002264333	1	1770.943	2.53	Head	X:+:627701-627751	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_69687	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	84	4.79E-08	1	2044.945	-0.89	Malpighian tubule	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_73302	GYPTLLWIEDGKK	AGAP000044-PA	-	59	1.36E-05	2	1519.818	1.3	Pupa	X:+:627512-627550	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_75529	GEGTLEGGAER	AGAP000044-PA	-	46	0.000284059	2	1075.503	1.59	Salivary gland	X:+:627656-627688	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_78774	SVVVQLSEGDFAHAIAK	AGAP000044-PA	-	91	7.02E-09	2	1770.946	4.18	Midgut	X:+:627701-627751	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_81430	SLDDLHEFVMQHLQDNGPHDEL	AGAP000044-PA	M10(Oxidation)	54	3.23E-05	1	2605.162	-0.26	Midgut	X:+:627986-628051	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_83216	GADRDGEDGAQEDGGQADAPPAPVSPLTELTEDTFAK	AGAP000044-PA	-	51	6.70E-05	1	3727.695	2.79	Midgut	X:+:627224-627334	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_85641	KLAPTWATLAK	AGAP000044-PA	-	35	0.001651229	1	1199.713	-1.19	Ovary	X:+:626960-626992	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_86000	VTEYFGHR	AGAP000044-PA	-	55	5.16E-05	2	1008.490	-0.17	Pupa	X:+:627962-627985	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_87460	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	40	0.001449893	1	2044.957	4.84	Larva	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_87755	VDCTVDANK	AGAP000044-PA	C3(Carbamidomethyl)	55	3.07E-05	2	1021.463	1.34	Head	X:+:627869-627895	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_89413	LAPTWEQLAEK	AGAP000044-PA	-	54	4.38E-05	2	1285.679	0.2	Salivary gland	X:+:627803-627835	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_89933	SVVVQLSEGDFAHAIAK	AGAP000044-PA	-	43	0.000509007	1	1770.942	1.76	Ovary	X:+:627701-627751	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_90932	GYPTLLWIEDGK	AGAP000044-PA	-	48	0.000196087	2	1391.721	-0.07	Head	X:+:627512-627547	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_91191	THADLK	AGAP000044-PA	-	29	0.006268968	1	684.365	-3.37	Head	X:+:627575-627592	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_94126	ELCGEQEVNGYPTVFLYR	AGAP000044-PA	C3(Carbamidomethyl)	67	2.70E-06	2	2174.024	0.97	Head	X:+:627896-627949	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_95957	ELCGEQEVNGYPTVFLYR	AGAP000044-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), N9(Deamidated)"	86	3.14E-08	1	2174.020	-1.05	Midgut	X:+:627896-627949	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_96926	SLDDLHEFVMQHLQDNGPHDEL	AGAP000044-PA	M10(Oxidation)	81	8.26E-08	1	2605.173	4.16	Larva	X:+:627986-628051	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_97717	KLAPTWATLAK	AGAP000044-PA	-	38	0.000848001	2	1199.711	-3.53	Male reproductive organs	X:+:626960-626992	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_97884	MAGGLKEDGAQGAEPK	AGAP000044-PA	M1(Oxidation)	42	0.000810166	1	1574.747	-0.81	Midgut	X:+:627608-627655	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_99491	DLAQFNAFLDEQLAPAAGDGPAK	AGAP000044-PA	-	90	1.55E-08	1	2359.153	-1.37	Ovary	X:+:627155-627223	exon=> In CDS Exon 2 of transcript AGAP000044-PA

JHU_Ag_100500	VDCTTDGDLCTQHDVTGYPMLK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), M20(Oxidation)	44	0.000335249	1	2542.090	0.25	Salivary gland	X:+:627035-627100	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_105076	KLAPTWATLAK	AGAP000044-PA	-	32	0.003708167	2	1199.711	-2.82	Larva	X:+:626960-626992	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_108940	THADLK	AGAP000044-PA	-	42	0.000305745	1	684.368	0.55	Midgut	X:+:627575-627592	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_108959	KLAPTWATLAK	AGAP000044-PA	-	30	0.005225878	1	1199.711	-3.12	Malpighian tubule	X:+:626960-626992	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_109865	IDCTQYRPICTDFEVK	AGAP000044-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	74	4.94E-07	1	2044.948	0.81	Pupa	X:+:627464-627511	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_110639	ELCGEQEVNGYPTVFLYR	AGAP000044-PA	C3(Carbamidomethyl)	57	2.73E-05	2	2174.023	0.07	Salivary gland	X:+:627896-627949	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_113003	SLEHER	AGAP000044-PA	-	37	0.001508291	2	770.380	1.38	Malpighian tubule	X:+:627428-627445	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_115005	VTEYFGHR	AGAP000044-PA	-	52	9.04E-05	1	1008.490	0.01	Salivary gland	X:+:627962-627985	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_115608	VTEYFGHR	AGAP000044-PA	-	50	0.000150704	2	1008.490	0.5	Malpighian tubule	X:+:627962-627985	exon=> In CDS Exon 2 of transcript AGAP000044-PA
JHU_Ag_31945	VAQAAAILQR	AGAP000046-PA	-	83	2.19E-08	2	1040.623	1.86	Larva	X:-:741610-741581	exon=> In CDS Exon 3 of transcript AGAP000046-PA
JHU_Ag_412	SLYAPWTYAAAAPVVLGHNGVPLDTPEVAHAK	AGAP000047-PA	N19(Deamidated)	118	1.05E-11	1	3315.717	0.24	Head	X:-:753337-753242	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_1215	GPAPHAVPVPAWNAYAYAPVVLGHNGAPLETPEVQAAK	AGAP000047-PA	N25(Deamidated)	76	1.79E-07	1	3860.983	1.75	Pupa	X:-:753502-753389	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_4814	NGVPVETPEVQHAK	AGAP000047-PA	N1(Deamidated)	91	1.48E-08	1	1505.752	-5.32	Midgut	X:-:753019-752978	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_8123	NGVPVETPEVQHAK	AGAP000047-PA	N1(Deamidated),"N1(Deamidated), Q11(Deamidated)"	100	1.54E-09	1	1504.776	0.36	Head	X:-:753019-752978	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_10541	SLYAPWTYAAAAPVVLGHNGVPLDTPEVAHAK	AGAP000047-PA	N19(Deamidated)	115	2.41E-11	1	3316.708	2.24	Visceras	X:-:753337-753242	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_13381	AAHLAAHAAAR	AGAP000047-PA	-	43	0.000925729	1	1059.582	1.54	Pupa	X:-:753148-753116	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_15576	AAHFAAHAAAK	AGAP000047-PA	-	70	1.25E-06	1	1065.560	0.8	Head	X:-:753388-753356	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_15729	AEHAAAHAK	AGAP000047-PA	-	65	5.17E-06	1	905.458	-0.92	Head	X:-:753241-753215	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_16594	ALGHAYAPAGPVPDTPEVQHAK	AGAP000047-PA	-	119	1.89E-11	1	2226.133	1.18	Malpighian tubule	X:-:753214-753149	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_16764	GPAPHAVPVPAWNAYAYAPVVLGHNGAPLETPEVQAAKAAHFAAHAAAK	AGAP000047-PA	-	72	2.31E-07	1	4906.535	0.46	Malpighian tubule	X:-:753502-753356	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_17511	AAHFAAHAAAK	AGAP000047-PA	-	50	0.000121722	2	1065.560	0.91	Pupa	X:-:753388-753356	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_19733	ALGHAYAPAGPVPDTPEVQHAK	AGAP000047-PA	-	43	0.000735082	1	2226.129	-0.56	Salivary gland	X:-:753214-753149	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_21797	DAHGITHGGYSYVDANGHVQSVK	AGAP000047-PA	N16(Deamidated)	169	1.72E-16	1	2413.107	-4.12	Midgut	X:-:753625-753557	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_23572	AGHGASWAPAGHEDDGSYDGR	AGAP000047-PA	-	148	5.60E-15	1	2112.874	-0.67	Visceras	X:-:752806-752744	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_25820	AAHYAALAEASAR	AGAP000047-PA	-	84	7.04E-08	1	1301.663	2.33	Ovary	X:-:752845-752807	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_28668	DAHGITHGGYSYVDANGHVQSVK	AGAP000047-PA	N16(Deamidated),Q20(Deamidated)	195	4.59E-19	1	2412.126	-2.91	Head	X:-:753625-753557	exon=> In CDS Exon 2 of transcript AGAP000047-PA

JHU_Ag_28998	ALGHAYAPAGPVPDTPEVQHAK	AGAP000047-PA	-	108	2.54E-10	1	2226.136	2.41	Ovary	X:-:753214-753149	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_32441	DAHGITHGGYSYVDANGHVQSVK	AGAP000047-PA	N16(Deamidated)	190	1.34E-18	1	2412.135	1.12	Visceras	X:-:753625-753557	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_32657	AQGYAPAHAHSYYPQHIPVIHNGVPV ETPEVQHAK	AGAP000047-PA	N22(Deamidated),Q15(De amidated)	123	4.24E-12	1	3842.923	1.92	Head	X:-:752950-752846	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_32658	AAHYAALAEASAR	AGAP000047-PA	-	70	1.35E-06	1	1301.658	-0.95	Pupa	X:-:752845-752807	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_33850	ALGHAYAPAGPVPDTPEVQHAK	AGAP000047-PA	Q19(Deamidated)	152	8.60E-15	1	2226.130	-0.06	Head	X:-:753214-753149	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_36400	AAHFAAVAK	AGAP000047-PA	-	55	2.33E-05	1	885.495	0.39	Visceras	X:-:752977-752951	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_39594	YTADPIHGFQVSGTNLPK	AGAP000047-PA	Q10(Deamidated)	120	1.42E-11	1	1944.979	-1.43	Head	X:-:753556-753503	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_42813	AAHYAALAEASAR	AGAP000047-PA	-	115	4.61E-11	1	1301.654	-4.42	Head	X:-:752845-752807	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_43641	SLYAPWTYAAAAPVVLGHNGVPLDTP EVAHAK	AGAP000047-PA	N19(Deamidated)	117	1.69E-11	1	3315.712	-1.19	Midgut	X:-:753337-753242	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_47276	AAHYAALAEASAR	AGAP000047-PA	-	100	1.52E-09	1	1301.661	0.64	Visceras	X:-:752845-752807	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_48940	ANHHAVAPVTTVAHTHHAVHAAHYP QHVPVIK	AGAP000047-PA	-	210	5.73E-21	1	3447.800	-1.49	Midgut	X:-:753115-753020	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_52470	ALGHAYAPAGPVPDTPEVQHAK	AGAP000047-PA	-	57	2.62E-05	1	2226.126	-1.81	Pupa	X:-:753214-753149	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_53321	AAHFAAVAK	AGAP000047-PA	-	70	6.62E-07	1	885.492	-2.11	Head	X:-:752977-752951	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_53409	NGVPVETPEVQHAK	AGAP000047-PA	N1(Deamidated)	74	7.61E-07	1	1505.763	2.3	Malpighian tubule	X:-:753019-752978	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_53513	GPAPHAVPVPAWNAYAYAPVVLGHN GAPLETPEVQAAK	AGAP000047-PA	N25(Deamidated),N13(De amidated)	86	1.22E-08	1	3860.005	3.3	Malpighian tubule	X:-:753502-753389	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_53525	AAHYAALAEASAR	AGAP000047-PA	-	100	1.51E-09	1	1301.661	0.93	Malpighian tubule	X:-:752845-752807	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_57364	GPAPHAVPVPAWNAYAYAPVVLGHN GAPLETPEVQAAK	AGAP000047-PA	N25(Deamidated)	101	5.52E-10	1	3860.969	-1.85	Midgut	X:-:753502-753389	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_58507	ANHHAVAPVTTVAHTHHAVHAAHYP QHVPVIK	AGAP000047-PA	-	153	2.66E-15	1	3447.806	0.26	Malpighian tubule	X:-:753115-753020	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_61098	AGHGASWAPAGHEDDGSYDGRWDN HY	AGAP000047-PA	N24(Deamidated)	105	6.62E-11	1	2828.147	0.05	Malpighian tubule	X:-:752806-752729	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_61629	AQGYAPAHAHSYYPQHIPVIHNGVPV ETPEVQHAKAAHYAALAEASAR	AGAP000047-PA	-	74	2.04E-07	1	5125.577	3.94	Malpighian tubule	X:-:752950-752807	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_64602	AAHFAAHAAAK	AGAP000047-PA	-	70	1.26E-06	1	1065.560	0.91	Visceras	X:-:753388-753356	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_66574	SLYAPWTYAAAAPVVLGHNGVPLDTP EVAHAK	AGAP000047-PA	N19(Deamidated)	109	8.77E-11	1	3315.728	3.45	Malpighian tubule	X:-:753337-753242	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_67656	AAHLAAHAAAR	AGAP000047-PA	-	85	5.25E-08	1	1059.576	-4.68	Head	X:-:753148-753116	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_68718	AQGYAPAHAHSYYPQHIPVIHNGVPV ETPEVQHAK	AGAP000047-PA	N22(Deamidated)	61	7.25E-06	1	3843.902	0.62	Visceras	X:-:752950-752846	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_70178	AQGYAPAHAHSYYPQHIPVIHNGVPV ETPEVQHAK	AGAP000047-PA	N22(Deamidated),Q15(De amidated)	101	6.95E-10	1	3842.929	3.51	Malpighian tubule	X:-:752950-752846	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_70951	AGHGASWAPAGHEDDGSYDGR	AGAP000047-PA	-	151	3.38E-15	1	2112.875	-0.11	Head	X:-:752806-752744	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_74992	ALGHAYAPAGPVPDTPEVQHAK	AGAP000047-PA	-	142	8.78E-14	1	2226.129	-0.55	Midgut	X:-:753214-753149	exon=> In CDS Exon 2 of transcript AGAP000047-PA

JHU_Ag_75604	YTADPIHGFQVSGTNLPK	AGAP000047-PA	-	80	1.58E-07	1	1944.977	-2.1	Midgut	X:-:753556-753503	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_76505	DAHGITHGGYSYVDANGHVQSVK	AGAP000047-PA	N16(Deamidated)	110	1.43E-10	1	2413.121	1.57	Malpighian tubule	X:-:753625-753557	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_77190	AAHFAAHAAAK	AGAP000047-PA	-	61	1.05E-05	1	1065.560	1.39	Malpighian tubule	X:-:753388-753356	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_78924	GPAPHAVPVPAWNAYAYAPVVLGHN GAPLETPEVQAAK	AGAP000047-PA	N25(Deamidated),Q35(De amidated)	112	4.07E-11	1	3859.995	0.84	Head	X:-:753502-753389	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_79480	SLYAPWTYAAAAPVVLGHNGVPLDTP EVAHAKAEHAAAHAK	AGAP000047-PA	N19(Deamidated)	97	8.74E-10	1	4202.168	2.6	Malpighian tubule	X:-:753337-753215	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_81676	YTADPIHGFQVSGTNLPK	AGAP000047-PA	-	99	1.67E-09	1	1944.986	2.46	Malpighian tubule	X:-:753556-753503	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_84369	YTADPIHGFQVSGTNLPK	AGAP000047-PA	-	133	6.76E-13	1	1944.984	1.52	Visceras	X:-:753556-753503	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_86588	AAHLAAHAAAR	AGAP000047-PA	-	69	2.08E-06	1	1059.582	0.96	Malpighian tubule	X:-:753148-753116	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_87490	AQGYAPAHAHSYYPQHIPVIHNGVPV ETPEVQHAK	AGAP000047-PA	N22(Deamidated)	57	1.56E-05	1	3843.886	-3.35	Midgut	X:-:752950-752846	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_87595	AAHFAAVAK	AGAP000047-PA	-	70	6.35E-07	1	885.495	0.44	Malpighian tubule	X:-:752977-752951	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_92044	NGVPVETPEVQHAK	AGAP000047-PA	N1(Deamidated)	64	6.16E-06	1	1504.775	-0.04	Visceras	X:-:753019-752978	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_96832	AGHGASWAPAGHEDDGSYDGRWDN HY	AGAP000047-PA	-	97	4.12E-10	1	2828.143	-1.41	Head	X:-:752806-752729	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_97532	DAHGITHGGYSYVDANGHVQSVK	AGAP000047-PA	N16(Deamidated)	109	1.76E-10	1	2413.115	-0.59	Pupa	X:-:753625-753557	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_98029	SLYAPWTYAAAAPVVLGHNGVPLDTP EVAHAK	AGAP000047-PA	N19(Deamidated)	113	4.06E-11	1	3316.711	3.27	Pupa	X:-:753337-753242	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_103302	AAHLAAHAAAR	AGAP000047-PA	-	81	1.35E-07	1	1059.583	1.89	Visceras	X:-:753148-753116	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_104668	ALGHAYAPAGPVPDTPEVQHAK	AGAP000047-PA	-	147	2.65E-14	1	2226.132	0.6	Visceras	X:-:753214-753149	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_106623	GPAPHAVPVPAWNAYAYAPVVLGHN GAPLETPEVQAAK	AGAP000047-PA	N25(Deamidated),Q35(De amidated)	114	2.23E-11	1	3859.993	0.2	Visceras	X:-:753502-753389	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_106743	AGHGASWAPAGHEDDGSYDGR	AGAP000047-PA	-	132	2.44E-13	1	2112.889	6.52	Malpighian tubule	X:-:752806-752744	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_110041	YTADPIHGFQVSGTNLPK	AGAP000047-PA	-	39	0.001851 565	2	1944.994	6.35	Ovary	X:-:753556-753503	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_110706	YTADPIHGFQVSGTNLPK	AGAP000047-PA	-	110	1.58E-10	1	1944.980	-0.62	Pupa	X:-:753556-753503	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_113414	ALGHAYAPAGPVPDTPEVQHAKAAHL AAHAAAR	AGAP000047-PA	-	85	2.51E-08	1	3266.703	2.95	Malpighian tubule	X:-:753214-753116	exon=> In CDS Exon 2 of transcript AGAP000047-PA
JHU_Ag_1287	RPYDLYR	AGAP000051-PA	-	48	0.000147 056	2	982.510	-1.02	Pupa	X:+:839918-839938	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_9635	YESIFEHPADVDLWSGGVSER	AGAP000051-PA	-	84	5.60E-08	1	2393.109	1.94	Pupa	X:+:840203-840219,840299-840344	exon=> In CDS Exon 4 and 5 of transcript AGAP000051-PA
JHU_Ag_13517	EVCPAFLSGVECRPGK	AGAP000051-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	95	4.57E-09	1	1805.868	0.11	Pupa	X:+:838796-838843	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_14045	SGILPSIDLTK	AGAP000051-PA	-	54	3.49E-05	1	1143.662	0.08	Pupa	X:+:840678-840710	exon=> In CDS Exon 6 of transcript AGAP000051-PA
JHU_Ag_20327	RYESIFEHPADVDLWSGGVSER	AGAP000051-PA	-	123	7.75E-12	1	2549.211	2.23	Pupa	X:+:840200-840219,840299-840344	exon=> In CDS Exon 4 and 5 of transcript AGAP000051-PA

JHU_Ag_23800	LICDNTDLIDTVQIYPMVLPDHEINPR	AGAP000051-PA	C3(Carbamidomethyl), M17(Oxidation),C3(Carbamidomethyl)	183	6.40E-18	1	3210.589	2.41	Pupa	X:+:840507-840577,840656-840665	exon=> In CDS Exon 5 and 6 of transcript AGAP000051-PA
JHU_Ag_35850	RVDGLCNNLK	AGAP000051-PA	C6(Carbamidomethyl)	54	6.40E-05	1	1188.615	-0.74	Pupa	X:+:838850-838879	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_40286	VNEQLVLTCMHTLLAR	AGAP000051-PA	C9(Carbamidomethyl)	87	1.89E-08	1	1898.003	2.23	Pupa	X:+:839525-839572	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_41991	ISITGHDLPLSR	AGAP000051-PA	-	91	5.84E-09	1	1308.729	1.32	Pupa	X:+:838961-838996	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_42839	SMFCFEAGEIR	AGAP000051-PA	M2(Oxidation), C4(Carbamidomethyl)	59	8.08E-06	2	1362.583	0.59	Pupa	X:+:839492-839524	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_46545	FGLLTPK	AGAP000051-PA	-	46	0.000115624	2	775.471	-0.46	Pupa	X:+:839732-839752	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_46675	DLLPLKLDIPDEGCTRPNK	AGAP000051-PA	C14(Carbamidomethyl)	76	2.40E-07	1	2194.161	3.24	Pupa	X:+:839435-839491	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_47767	SSAFDYNLNLFR	AGAP000051-PA	-	85	4.97E-08	2	1446.701	0.15	Pupa	X:+:838348-838383	exon=> In CDS Exon 2 of transcript AGAP000051-PA
JHU_Ag_52870	GLPSIDTSK	AGAP000051-PA	-	41	0.001816128	1	917.493	-0.65	Pupa	X:+:838757-838783	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_54957	DLLPLK	AGAP000051-PA	-	37	0.000327679	1	698.445	0.12	Pupa	X:+:839435-839452	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_55086	MNPVFAEYGLK	AGAP000051-PA	M1(Oxidation)	64	4.90E-06	1	1284.631	1.31	Pupa	X:+:839402-839434	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_55586	FIASK	AGAP000051-PA	-	34	0.001812227	1	565.334	0.04	Malpighian tubule	X:+:839882-839896	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_60180	LIGPLYADGINAPR	AGAP000051-PA	-	45	0.000288944	2	1469.816	3.6	Larva	X:+:838919-838960	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_65019	FGHSLLPTAVER	AGAP000051-PA	-	63	4.54E-06	1	1326.717	0.15	Pupa	X:+:839828-839863	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_65508	LSDLIR	AGAP000051-PA	-	43	0.000898749	2	716.429	-1.09	Pupa	X:+:839900-839917	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_71017	VPDDDYFYR	AGAP000051-PA	-	77	9.45E-08	2	1189.517	0.49	Pupa	X:+:839195-839221	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_72156	FIASK	AGAP000051-PA	-	31	0.003501164	1	565.334	-0.39	Midgut	X:+:839882-839896	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_73272	TYGLSYEEIEK	AGAP000051-PA	-	54	5.37E-05	2	1331.638	1.15	Pupa	X:+:838646-838647,838726-838756	exon=> In CDS Exon 3 and 4 of transcript AGAP000051-PA
JHU_Ag_82836	ISITGHDLPLSR	AGAP000051-PA	-	32	0.004078579	2	1308.732	3.65	Larva	X:+:838961-838996	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_95055	TGYNGLLR	AGAP000051-PA	N4(Deamidated)	44	0.0007035	2	894.467	-0.66	Pupa	X:+:839378-839401	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_95309	FWYELPNQPSSFTPEQLQEIR	AGAP000051-PA	-	63	8.36E-06	2	2609.273	2.05	Pupa	X:+:840426-840488	exon=> In CDS Exon 5 of transcript AGAP000051-PA
JHU_Ag_107657	INPHWDDETLFQESR	AGAP000051-PA	-	82	8.49E-08	1	1886.867	0.27	Pupa	X:+:839606-839650	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_112942	FWYELPNQPSSFTPEQLQEIRK	AGAP000051-PA	-	81	9.72E-08	1	2737.370	2.79	Pupa	X:+:840426-840491	exon=> In CDS Exon 5 of transcript AGAP000051-PA
JHU_Ag_114804	LIGPLYADGINAPR	AGAP000051-PA	-	98	1.40E-09	2	1469.813	1.28	Pupa	X:+:838919-838960	exon=> In CDS Exon 4 of transcript AGAP000051-PA
JHU_Ag_7206	ALSVQVHPDK	AGAP000053-PA	-	52	6.66E-05	1	1093.601	0.5	Head	X:-:843808-843779	exon=> In CDS Exon 1 of transcript AGAP000053-PA
JHU_Ag_17465	LGLDSFVAK	AGAP000053-PA	-	55	3.32E-05	2	949.535	0.03	Male reproductive organs	X:-:844045-844019	exon=> In CDS Exon 1 of transcript AGAP000053-PA
JHU_Ag_23535	ADPAGMIGSPTGQQLPFLLK	AGAP000053-PA	M6(Oxidation)	68	1.70E-06	1	2057.078	2.05	Male reproductive organs	X:-:843886-843827	exon=> In CDS Exon 1 of transcript AGAP000053-PA

JHU_Ag_28420	SLQETVELQQLLGAEVLAK	AGAP000053-PA	-	133	1.56E-13	1	2069.151	0.83	Salivary gland	X:-:843579-843523	exon=> In CDS Exon 2 of transcript AGAP000053-PA
JHU_Ag_50607	TFVPPVPDFAVAEIR	AGAP000053-PA	-	57	2.08E-05	1	1657.893	-1.31	Ovary	X:-:843078-843034	exon=> In CDS Exon 2 of transcript AGAP000053-PA
JHU_Ag_61922	TFVPPVPDFAVAEIR	AGAP000053-PA	-	51	8.36E-05	1	1657.893	-1.09	Malpighian tubule	X:-:843078-843034	exon=> In CDS Exon 2 of transcript AGAP000053-PA
JHU_Ag_66144	TFVPPVPDFAVAEIR	AGAP000053-PA	-	38	0.001745822	1	1657.906	6.57	Salivary gland	X:-:843078-843034	exon=> In CDS Exon 2 of transcript AGAP000053-PA
JHU_Ag_76260	ALSVQVHPDKTEAEK	AGAP000053-PA	-	32	0.007888366	3	1651.867	1.35	Head	X:-:843808-844087,842797-843697	exon=> In CDS Exon 2 and 1 of transcript AGAP000053-PA
JHU_Ag_88131	TFVPPVPDFAVAEIR	AGAP000053-PA	-	34	0.003727659	1	1657.901	3.48	Head	X:-:843078-843034	exon=> In CDS Exon 2 of transcript AGAP000053-PA
JHU_Ag_95774	SLQETVELQQLLGAEVLAK	AGAP000053-PA	-	77	6.64E-08	1	2069.151	0.85	Malpighian tubule	X:-:843579-843523	exon=> In CDS Exon 2 of transcript AGAP000053-PA
JHU_Ag_101617	LGLDSFVAK	AGAP000053-PA	-	54	4.03E-05	1	949.537	1.57	Salivary gland	X:-:844045-844019	exon=> In CDS Exon 1 of transcript AGAP000053-PA
JHU_Ag_103826	LGLDSFVAK	AGAP000053-PA	-	40	0.000979752	2	949.535	-0.74	Ovary	X:-:844045-844019	exon=> In CDS Exon 1 of transcript AGAP000053-PA
JHU_Ag_251	DQIGQGLGFSIAGGK	AGAP000054-PA	-	52	9.01E-05	2	1447.761	4.65	Male reproductive organs	X:+:873504-873548	exon=> In CDS Exon 8 of transcript AGAP000054-PA
JHU_Ag_5867	GNPLDNADEGVFISK	AGAP000054-PA	-	48	0.000240894	2	1575.768	1.89	Salivary gland	X:+:879625-879669	exon=> In CDS Exon 13 of transcript AGAP000054-PA
JHU_Ag_14648	SLQIADFSSNPISR	AGAP000054-PA	-	68	2.52E-06	2	1534.787	0.4	Midgut	X:+:863472-863513	exon=> In CDS Exon 3 of transcript AGAP000054-PA
JHU_Ag_22036	SPVVGPNRPPAAAAGAYLPNR	AGAP000054-PA	-	122	3.73E-12	1	2075.127	5.86	Head	X:+:873868-873930	exon=> In CDS Exon 9 of transcript AGAP000054-PA
JHU_Ag_32340	ILEVNGLSLLGASHQEAVDALR	AGAP000054-PA	-	46	0.000125631	3	2305.248	-1.28	Ovary	X:+:879724-879789	exon=> In CDS Exon 13 of transcript AGAP000054-PA
JHU_Ag_48249	FTEDFGADRDTPFVR	AGAP000054-PA	-	38	0.001924831	1	1772.823	-0.27	Male reproductive organs	X:+:865420-865464	exon=> In CDS Exon 4 of transcript AGAP000054-PA
JHU_Ag_49798	YSNSLEELLLDANHIR	AGAP000054-PA	-	52	8.53E-05	1	1886.959	-0.94	Salivary gland	X:+:850603-850650	exon=> In CDS Exon 1 of transcript AGAP000054-PA
JHU_Ag_51189	YSNSLEELLLDANHIR	AGAP000054-PA	-	41	0.001203855	1	1886.969	4.49	Malpighian tubule	X:+:850603-850650	exon=> In CDS Exon 1 of transcript AGAP000054-PA
JHU_Ag_51920	VNGTDVTQATHQEAVMELLRPCDDIK	AGAP000054-PA	M16(Oxidation), C22(Carbamidomethyl)	63	7.99E-06	1	2956.424	3.52	Head	X:+:878533-878610	exon=> In CDS Exon 12 of transcript AGAP000054-PA
JHU_Ag_52973	YSNSLEELLLDANHIR	AGAP000054-PA	-	51	0.00010631	1	1886.969	4.4	Ovary	X:+:850603-850650	exon=> In CDS Exon 1 of transcript AGAP000054-PA
JHU_Ag_57227	SPVVGPNRPPAAAAGAYLPNR	AGAP000054-PA	-	100	7.16E-10	1	2075.126	5.5	Malpighian tubule	X:+:873868-873930	exon=> In CDS Exon 9 of transcript AGAP000054-PA
JHU_Ag_57863	VLAINGVDITNAHHDYAVQLLTDHQR	AGAP000054-PA	-	52	5.28E-05	1	2913.508	3.87	Ovary	X:+:873651-873659,873736-873804	exon=> In CDS Exon 8 and 9 of transcript AGAP000054-PA
JHU_Ag_62165	SPVVGPNRPPAAAAGAYLPNR	AGAP000054-PA	-	36	0.002001272	1	2075.116	0.83	Salivary gland	X:+:873868-873930	exon=> In CDS Exon 9 of transcript AGAP000054-PA
JHU_Ag_65226	HSSLPNVPEEIFR	AGAP000054-PA	-	41	0.001131918	1	1524.778	-1.46	Head	X:+:850564-850602	exon=> In CDS Exon 1 of transcript AGAP000054-PA
JHU_Ag_66019	GNPLDNADEGVFISK	AGAP000054-PA	-	50	0.00014315	2	1575.761	-2.37	Head	X:+:879625-879669	exon=> In CDS Exon 13 of transcript AGAP000054-PA
JHU_Ag_66046	YSNSLEELLLDANHIR	AGAP000054-PA	-	68	2.50E-06	1	1886.963	1.1	Midgut	X:+:850603-850650	exon=> In CDS Exon 1 of transcript AGAP000054-PA
JHU_Ag_73175	KSDDLSGNLDTLSEESASRPSLLNR	AGAP000054-PA	-	78	2.52E-07	1	2704.348	3.36	Malpighian tubule	X:+:865528-865602	exon=> In CDS Exon 4 of transcript AGAP000054-PA
JHU_Ag_73373	ILEVNGLSLLGASHQEAVDALR	AGAP000054-PA	-	56	8.51E-06	1	2305.270	8.25	Malpighian tubule	X:+:879724-879789	exon=> In CDS Exon 13 of transcript AGAP000054-PA

JHU_Ag_73414	LPAGFTQLR	AGAP000054-PA	-	53	4.07E-05	1	1002.576	3.13	Salivary gland	X:+:863514-863540	exon=> In CDS Exon 3 of transcript AGAP000054-PA
JHU_Ag_74343	LEIHIER	AGAP000054-PA	-	41	0.000557495	1	909.514	-1.85	Head	X:+:872873-872893	exon=> In CDS Exon 7 of transcript AGAP000054-PA
JHU_Ag_76688	ILEVNGLSLLGASHQEAVDALR	AGAP000054-PA	-	93	1.81E-09	1	2305.258	3.17	Head	X:+:879724-879789	exon=> In CDS Exon 13 of transcript AGAP000054-PA
JHU_Ag_78941	YSNSLEELLLDANHIR	AGAP000054-PA	-	70	1.24E-06	1	1886.961	0.03	Head	X:+:850603-850650	exon=> In CDS Exon 1 of transcript AGAP000054-PA
JHU_Ag_85475	IILHTTLIR	AGAP000054-PA	-	32	0.000128538	1	1079.693	-0.27	Salivary gland	X:+:873477-873503	exon=> In CDS Exon 8 of transcript AGAP000054-PA
JHU_Ag_87354	SLQIADFSSNPISR	AGAP000054-PA	-	51	0.000121693	2	1534.785	-0.64	Male reproductive organs	X:+:863472-863513	exon=> In CDS Exon 3 of transcript AGAP000054-PA
JHU_Ag_94488	SPVVGPNRPPAAAAGAYLPNR	AGAP000054-PA	-	57	1.31E-05	1	2075.121	3.03	Ovary	X:+:873868-873930	exon=> In CDS Exon 9 of transcript AGAP000054-PA
JHU_Ag_101781	LTVQHDPLPAGFQEVHIVK	AGAP000054-PA	-	36	0.001586136	1	2128.155	0.18	Head	X:+:878611-878649,879553-879570	exon=> In CDS Exon 12 and 13 of transcript AGAP000054-PA
JHU_Ag_101940	SDDLSGNLDTLSEESASRPSLLNR	AGAP000054-PA	-	61	1.22E-05	1	2576.250	2.42	Head	X:+:865531-865602	exon=> In CDS Exon 4 of transcript AGAP000054-PA
JHU_Ag_102069	QVTVDKSDHGPSVTVTVQK	AGAP000054-PA	-	35	0.003617627	1	2025.069	3.77	Malpighian tubule	X:+:876754-876810	exon=> In CDS Exon 10 of transcript AGAP000054-PA
JHU_Ag_106634	NEIGDIPEDIK	AGAP000054-PA	-	42	0.000678207	2	1242.621	-0.42	Midgut	X:+:863296-863299,863434-863462	exon=> In CDS Exon 2 and 3 of transcript AGAP000054-PA
JHU_Ag_107638	LTVQHDPLPAGFQEVHIVK	AGAP000054-PA	-	28	0.010309588	1	2128.153	-0.88	Ovary	X:+:878611-878649,879553-879570	exon=> In CDS Exon 12 and 13 of transcript AGAP000054-PA
JHU_Ag_115853	SLQIADFSSNPISR	AGAP000054-PA	-	71	1.46E-06	2	1534.786	0	Ovary	X:+:863472-863513	exon=> In CDS Exon 3 of transcript AGAP000054-PA
JHU_Ag_117705	ASETGSELSQSVSSLDRDDSVIMAEAHR	AGAP000054-PA	M23(Oxidation)	56	3.42E-05	1	2993.375	-0.09	Head	X:+:880003-880086	exon=> In CDS Exon 14 of transcript AGAP000054-PA
JHU_Ag_64230	LINDFYTHQTELAHEQQQQQQR	AGAP000055-PA	-	149	1.71E-14	1	2755.311	-2.6	Head	X:+:898168-898233	exon=> In CDS Exon 4 of transcript AGAP000055-PA
JHU_Ag_77097	VDLLDK	AGAP000056-PA	-	36	0.003408583	2	702.403	-0.12	Visceras	X:-:901000-900983	exon=> In CDS Exon 4 of transcript AGAP000056-PA
JHU_Ag_26030	ESSIYNITLLGEK	AGAP000064-PA	-	51	9.87E-05	2	1466.775	0.82	Head	X:+:999257-999295	exon=> In CDS Exon 5 of transcript AGAP000064-PA
JHU_Ag_36799	ICQDDSHYHSYTEIPVDCTSK	AGAP000064-PA	C2(Carbamidomethyl), C18(Carbamidomethyl)	97	7.52E-10	1	2555.074	-2.96	Head	X:+:994314-994376	exon=> In CDS Exon 2 of transcript AGAP000064-PA
JHU_Ag_63658	VHIIGQFIVQTR	AGAP000064-PA	-	48	5.94E-05	2	1410.822	-0.05	Head	X:+:995754-995789	exon=> In CDS Exon 3 of transcript AGAP000064-PA
JHU_Ag_71529	ETYIINYVYGFSSER	AGAP000064-PA	-	61	1.40E-05	2	1840.881	3.14	Head	X:+:994191-994235	exon=> In CDS Exon 2 of transcript AGAP000064-PA
JHU_Ag_95431	KFEDVYGGIK	AGAP000064-PA	-	35	0.00311131	1	1155.607	2.36	Larva	X:+:996894-996923	exon=> In CDS Exon 4 of transcript AGAP000064-PA
JHU_Ag_102184	GESANDFEFVDPEIENFEPK	AGAP000064-PA	-	70	8.80E-07	2	2313.016	-1.33	Head	X:+:997056-997115	exon=> In CDS Exon 4 of transcript AGAP000064-PA
JHU_Ag_108489	DMPAISDQDMNAMLAEESR	AGAP000064-PA	M2(Oxidation), M10(Oxidation), M13(Oxidation)	91	1.73E-09	1	2171.888	-0.74	Head	X:+:1000200-1000256	exon=> In CDS Exon 8 of transcript AGAP000064-PA
JHU_Ag_115331	YFNSEYLNINGR	AGAP000064-PA	-	72	7.82E-07	2	1489.709	1.33	Head	X:+:997880-997915	exon=> In CDS Exon 5 of transcript AGAP000064-PA
JHU_Ag_90198	DRPEIFELIR	AGAP000065-PA	-	63	6.54E-06	1	1287.707	1.41	Head	X:+:1020755-1020783,1020868-1020868	exon=> In CDS Exon 9 and 10 of transcript AGAP000065-PA

JHU_Ag_64155	KTSMCILSNPDQK	AGAP000068-PA	C5(Carbamidomethyl)	36	0.004009 51	1	1521.756	10.58	Midgut	X:+:1053215-1053253	exon=> In CDS Exon 3 of transcript AGAP000068-PA
JHU_Ag_41612	SVVGTPAYLAPEVLR	AGAP000070-PA	-	37	0.001042 788	2	1571.891	7.35	Malpighian tubule	X:-:1101023-1101179,1100431-1100597	exon=> In CDS Exon 6 and 5 of transcript AGAP000070-PA
JHU_Ag_20097	SFELPLDLFLANR	AGAP000082-PA	-	42	0.000582 728	2	1534.831	3.25	Ovary	X:-:1425820-1425782	exon=> In CDS Exon 2 of transcript AGAP000082-PA
JHU_Ag_23791	SFELPLDLFLANR	AGAP000082-PA	-	95	2.53E-09	2	1534.836	5.87	Salivary gland	X:-:1425820-1425782	exon=> In CDS Exon 2 of transcript AGAP000082-PA
JHU_Ag_32571	ALEEMCPASETVR	AGAP000082-PA	M5(Oxidation), C6(Carbamidomethyl)	46	0.000185 495	2	1508.670	-1.45	Salivary gland	X:-:1424611-1424573	exon=> In CDS Exon 2 of transcript AGAP000082-PA
JHU_Ag_50667	TGNEVLVAHDPTTR	AGAP000082-PA	-	44	0.000589 235	1	1509.767	0.82	Salivary gland	X:-:1425907-1425866	exon=> In CDS Exon 2 of transcript AGAP000082-PA
JHU_Ag_70210	IVNSFLLEGVTVGDGTVLSHCVLER	AGAP000082-PA	C21(Carbamidomethyl)	53	3.43E-05	1	2714.432	4.97	Malpighian tubule	X:-:1425319-1425245	exon=> In CDS Exon 2 of transcript AGAP000082-PA
JHU_Ag_90458	GVLINEEILNSR	AGAP000082-PA	-	91	7.09E-09	2	1356.748	0.09	Salivary gland	X:-:1425667-1425632	exon=> In CDS Exon 2 of transcript AGAP000082-PA
JHU_Ag_22207	YFAPVLNYLR	AGAP000083-PA	-	40	0.000944 339	2	1255.683	-0.59	Midgut	X:+:1428905-1428934	exon=> In CDS Exon 2 of transcript AGAP000083-PA
JHU_Ag_12837	VNSTATTPSQSHGGALYYVVEVPREEYLK	AGAP000086-PB	-	30	0.009553 043	1	3195.616	6.42	Head	X:-:1451224-1451138	exon=> In CDS Exon 1 of transcript AGAP000086-PB
JHU_Ag_30313	VNSTATTPSQSHGGALYYVVEVPR	AGAP000086-PB	-	108	2.16E-10	1	2533.281	5.18	Head	X:-:1451224-1451153	exon=> In CDS Exon 1 of transcript AGAP000086-PB
JHU_Ag_9524	SPGTAAGGAAGSPALGAK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	-	154	5.30E-15	1	1440.746	1.41	Head	X:-:1448792-1448739;X:-:1448792-1448739;X:-:1448792-1448739	exon=> In CDS Exon 4 of transcript AGAP000086-PC;exon=> In CDS Exon 5 of transcript AGAP000086-PD;exon=> In CDS Exon 4 of transcript AGAP000086-PB
JHU_Ag_10410	EADEIVNLIK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	-	57	2.67E-05	2	1143.626	0.44	Male reproductive organs	X:-:1450686-1450657;X:-:1450686-1450657;X:-:1450686-1450657	exon=> In CDS Exon 2 of transcript AGAP000086-PC;exon=> In CDS Exon 3 of transcript AGAP000086-PD;exon=> In CDS Exon 2 of transcript AGAP000086-PB
JHU_Ag_15057	SPGTAAGGAAGSPALGAK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	-	105	4.53E-10	1	1440.747	1.75	Malpighian tubule	X:-:1448792-1448739;X:-:1448792-1448739;X:-:1448792-1448739	exon=> In CDS Exon 4 of transcript AGAP000086-PC;exon=> In CDS Exon 5 of transcript AGAP000086-PD;exon=> In CDS Exon 4 of transcript AGAP000086-PB
JHU_Ag_17134	NGTTGADGSTVHSSTTPISNQVIPGPQSASHVVIDEK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	N1(Deamidated)	100	1.30E-09	1	3688.813	2.26	Head	X:-:1448738-1448628;X:-:1448738-1448628;X:-:1448738-1448628	exon=> In CDS Exon 4 of transcript AGAP000086-PC;exon=> In CDS Exon 5 of transcript AGAP000086-PD;exon=> In CDS Exon 4 of transcript AGAP000086-PB
JHU_Ag_18966	DSHSTDDPDTTVVDGAVAK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	-	95	3.45E-09	1	1929.869	0.85	Malpighian tubule	X:-:1450478-1450422;X:-:1450478-1450422;X:-:1450478-1450422	exon=> In CDS Exon 3 of transcript AGAP000086-PC;exon=> In CDS Exon 4 of transcript AGAP000086-PD;exon=> In CDS Exon 3 of transcript AGAP000086-PB

JHU_Ag_52857	EADEIVNLIK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	-	59	1.57E-05	2	1143.629	2.79	Malpighian tubule	X:-:1450686-1450657;X:-:1450686-1450657;X:-:1450686-1450657	exon=> In CDS Exon 2 of transcript AGAP000086-PC;exon=> In CDS Exon 3 of transcript AGAP000086-PD;exon=> In CDS Exon 2 of transcript AGAP000086-PB
JHU_Ag_80036	DSHSTDDPDTTVVDGAVAK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	-	106	2.55E-10	1	1929.870	1.35	Head	X:-:1450478-1450422;X:-:1450478-1450422;X:-:1450478-1450422	exon=> In CDS Exon 3 of transcript AGAP000086-PC;exon=> In CDS Exon 4 of transcript AGAP000086-PD;exon=> In CDS Exon 3 of transcript AGAP000086-PB
JHU_Ag_86259	HEASQLQAAAAQQNGTK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	-	110	1.65E-10	2	1752.857	-3.1	Head	X:-:1450421-1450537,1448592-1448805;X:-:1450421-1450537,1448592-1448805;X:-:1450421-1450537,1448592-1448805	exon=> In CDS Exon 4 and 3 of transcript AGAP000086-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP000086-PD;exon=> In CDS Exon 4 and 3 of transcript AGAP000086-PB
JHU_Ag_90714	NGTTGADGSTVHSSTTPISNQVIPGPQSASHVVIDEK	AGAP000086-PC,AGAP000086-PD,AGAP000086-PB	Q21(Deamidated)	43	0.000569907	1	3689.779	-2.68	Midgut	X:-:1448738-1448628;X:-:1448738-1448628;X:-:1448738-1448628	exon=> In CDS Exon 4 of transcript AGAP000086-PC;exon=> In CDS Exon 5 of transcript AGAP000086-PD;exon=> In CDS Exon 4 of transcript AGAP000086-PB
JHU_Ag_19461	VTVIK	AGAP000088-PA	-	32	0.002193149	1	559.381	0.12	Salivary gland	X:+:1458706-1458720	exon=> In CDS Exon 1 of transcript AGAP000088-PA
JHU_Ag_95874	IFHVLSAFPR	AGAP000088-PA	-	44	0.000439002	1	1186.675	1.7	Larva	X:+:1457950-1457979	exon=> In CDS Exon 1 of transcript AGAP000088-PA
JHU_Ag_66982	HVPLTYNTLQNFPYLDMVVK	AGAP000088-PA,AGAP013490-PA	M17(Oxidation)	84	4.78E-08	1	2408.230	-0.65	Midgut	X:+:1458370-1458429;X:+:1460427-1460486	exon=> In CDS Exon 1 of transcript AGAP000088-PA;exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_76693	TDLVLRPDK	AGAP000088-PA,AGAP013490-PA	-	61	4.74E-06	1	1056.612	6.76	Midgut	X:+:1458778-1458804;X:+:1460835-1460861	exon=> In CDS Exon 1 of transcript AGAP000088-PA;exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_76479	LLGADGASLSPSATSR	AGAP000090-PA	-	42	0.001015928	2	1502.787	4.27	Malpighian tubule	X:+:1525122-1525169	exon=> In CDS Exon 5 of transcript AGAP000090-PA
JHU_Ag_24972	ITYSIEDEPNLLQAAKPGYGAAPYDPQVDSSGR	AGAP000093-PA	-	43	0.000586367	3	3522.726	6.73	Malpighian tubule	X:-:1542371-1542273	exon=> In CDS Exon 1 of transcript AGAP000093-PA
JHU_Ag_1160	QQLLALGLDVQESDIVHPAR	AGAP000094-PA	-	117	1.02E-11	1	2202.194	2.98	Head	X:-:1548897-1548838	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_5947	FGALCGFQK	AGAP000094-PA	C5(Carbamidomethyl)	45	0.000318127	2	1027.502	-0.99	Head	X:-:1548348-1548322	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_6320	HILQLSQEQAR	AGAP000094-PA	Q4(Deamidated),Q7(Deamidated),Q9(Deamidated)	91	6.13E-09	1	1322.717	-0.73	Head	X:-:1549178-1549146	exon=> In CDS Exon 1 of transcript AGAP000094-PA
JHU_Ag_15702	RADCLLIAGASDK	AGAP000094-PA	C4(Carbamidomethyl)	88	3.00E-08	1	1389.712	-2.32	Head	X:-:1548585-1548547	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_19699	ALQLLQTHGK	AGAP000094-PA	-	73	2.25E-07	1	1108.647	-0.09	Head	X:-:1548978-1548949	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_31527	AVLLGKPGYQLR	AGAP000094-PA	-	42	0.000122957	1	1314.789	-0.6	Head	X:-:1548465-1548430	exon=> In CDS Exon 2 of transcript AGAP000094-PA

JHU_Ag_40300	AHQFDGLIYCLGTEQFK	AGAP000094-PA	C10(Carbamidomethyl),"Q3(Deamidated), C10(Carbamidomethyl)"	108	2.80E-10	1	2026.972	1.19	Head	X:-:1548816-1548766	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_60978	SIVQYLR	AGAP000094-PA	-	33	0.005421913	1	878.508	-1.88	Head	X:-:1548837-1548817	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_62279	TLLVGDMLEQDMR	AGAP000094-PA	M7(Oxidation),M12(Oxidation),"M7(Oxidation), M12(Oxidation)"	88	2.01E-08	1	1552.735	0.48	Head	X:-:1548387-1548349	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_62404	LIDGPHQPLPESFR	AGAP000094-PA	-	84	5.24E-08	1	1605.842	2.5	Head	X:-:1548738-1548697	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_71189	AGVVQEYGLDCPAR	AGAP000094-PA	C11(Carbamidomethyl)	97	3.47E-09	1	1534.731	-0.44	Head	X:-:1548429-1548388	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_72826	LLVLSGGTTQEQMEQAANSLDEPDYHADSVADLVR	AGAP000094-PA	M13(Oxidation)	126	2.54E-12	1	3788.792	-0.14	Head	X:-:1548321-1548217	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_74103	AVIVDVDFNANYPK	AGAP000094-PA	-	112	9.55E-11	1	1564.802	0.74	Head	X:-:1548657-1548616	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_76106	QIIATVHDDAPVR	AGAP000094-PA	-	102	7.72E-10	1	1434.771	0.97	Head	X:-:1548696-1548658	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_83031	FITNNSVRPFASYR	AGAP000094-PA	-	54	5.94E-05	1	1671.863	1.79	Head	X:-:1548939-1548898	exon=> In CDS Exon 2 of transcript AGAP000094-PA
JHU_Ag_28706	REQYLTNEYIIEQEK	AGAP000095-PB,AGAP000095-PA	-	36	0.003546808	1	1955.962	-4.53	Head	X:-:1550636-1550592;X:-:1550636-1550592	exon=> In CDS Exon 6 of transcript AGAP000095-PB;exon=> In CDS Exon 6 of transcript AGAP000095-PA
JHU_Ag_13422	DLPVVIAAK	AGAP000096-PA	-	60	2.76E-06	2	925.571	-0.45	Head	X:+:1565960-1565977,1566060-1566068	exon=> In CDS Exon 1 and 2 of transcript AGAP000096-PA
JHU_Ag_582	EGFLALWR	AGAP000097-PA	-	47	0.000292323	2	991.534	-2.07	Midgut	X:+:1575113-1575136	exon=> In CDS Exon 2 of transcript AGAP000097-PA
JHU_Ag_11806	DVVVTSLIAGATAGALAK	AGAP000097-PA	-	47	5.59E-05	2	1656.959	3.32	Head	X:+:1574789-1574842	exon=> In CDS Exon 1 of transcript AGAP000097-PA
JHU_Ag_72791	EGFLALWR	AGAP000097-PA	-	44	0.000667869	2	991.535	-0.83	Visceras	X:+:1575113-1575136	exon=> In CDS Exon 2 of transcript AGAP000097-PA
JHU_Ag_99831	QASEPVPPVRPTNLNNRDVVVTSLIAGATAGALAK	AGAP000097-PA	-	30	0.001247125	1	3526.951	4.65	Malpighian tubule	X:+:1574738-1574842	exon=> In CDS Exon 1 of transcript AGAP000097-PA
JHU_Ag_101532	EGFLALWR	AGAP000097-PA	-	42	0.000525844	2	991.541	4.95	Malpighian tubule	X:+:1575113-1575136	exon=> In CDS Exon 2 of transcript AGAP000097-PA
JHU_Ag_131	IRDFDDLFYLYPNKPK	AGAP000099-PA	-	57	2.41E-05	1	2044.058	1.89	Head	X:+:1612071-1612118	exon=> In CDS Exon 7 of transcript AGAP000099-PA
JHU_Ag_3444	VNQLPQPILEQIR	AGAP000099-PA	-	62	1.46E-06	1	1547.894	2.18	Salivary gland	X:+:1609340-1609378	exon=> In CDS Exon 1 of transcript AGAP000099-PA
JHU_Ag_12699	MLITNTFIIEK	AGAP000099-PA	M1(Oxidation)	50	7.98E-05	2	1338.734	0	Salivary gland	X:+:1610353-1610385	exon=> In CDS Exon 3 of transcript AGAP000099-PA
JHU_Ag_16480	FIYGSNFPIEVR	AGAP000099-PA	-	69	1.29E-06	2	1441.750	1.61	Ovary	X:+:1609379-1609414	exon=> In CDS Exon 1 of transcript AGAP000099-PA
JHU_Ag_17718	LALVDGFRK	AGAP000099-PA	-	35	0.001369611	1	1018.607	2.6	Malpighian tubule	X:+:1610047-1610073	exon=> In CDS Exon 3 of transcript AGAP000099-PA
JHU_Ag_18060	FIYGSNFPIEVR	AGAP000099-PA	-	62	6.91E-06	2	1441.749	1.1	Midgut	X:+:1609379-1609414	exon=> In CDS Exon 1 of transcript AGAP000099-PA
JHU_Ag_30066	IRDFDDLFYLYPNKPK	AGAP000099-PA	-	41	0.00123599	1	2044.054	0.1	Salivary gland	X:+:1612071-1612118	exon=> In CDS Exon 7 of transcript AGAP000099-PA
JHU_Ag_32728	LLVGNTLNIK	AGAP000099-PA	-	44	0.000130963	1	1084.672	-0.55	Salivary gland	X:+:1610437-1610466	exon=> In CDS Exon 3 of transcript AGAP000099-PA
JHU_Ag_37906	VNQLPQPILEQIR	AGAP000099-PA	-	74	1.12E-07	1	1547.890	-0.34	Midgut	X:+:1609340-1609378	exon=> In CDS Exon 1 of transcript AGAP000099-PA

JHU_Ag_39512	VNQLPQPILEQIR	AGAP000099-PA	-	65	7.37E-07	1	1547.892	1	Head	X:+:1609340-1609378	exon=> In CDS Exon 1 of transcript AGAP000099-PA
JHU_Ag_44598	TAINLPESNFTIK	AGAP000099-PA	-	40	0.001101388	2	1447.782	1.63	Head	X:+:1609621-1609659	exon=> In CDS Exon 2 of transcript AGAP000099-PA
JHU_Ag_62113	IRDFDDLFYLYPNKPK	AGAP000099-PA	-	57	2.56E-05	1	2044.059	2.43	Ovary	X:+:1612071-1612118	exon=> In CDS Exon 7 of transcript AGAP000099-PA
JHU_Ag_64145	VSIISEAQAQQTQQTNK	AGAP000099-PA	-	91	1.03E-08	2	1873.970	4.57	Malpighian tubule	X:+:1610488-1610503,1610572-1610606	exon=> In CDS Exon 3 and 4 of transcript AGAP000099-PA
JHU_Ag_64802	TAINLPESNFTIK	AGAP000099-PA	-	34	0.00458079	1	1447.780	0.87	Ovary	X:+:1609621-1609659	exon=> In CDS Exon 2 of transcript AGAP000099-PA
JHU_Ag_71324	VSIISEAQAQQTQQTNK	AGAP000099-PA	-	122	7.42E-12	2	1873.966	2.16	Head	X:+:1610488-1610503,1610572-1610606	exon=> In CDS Exon 3 and 4 of transcript AGAP000099-PA
JHU_Ag_75868	FIYGSNFPIEVR	AGAP000099-PA	-	79	1.55E-07	2	1441.750	2.03	Salivary gland	X:+:1609379-1609414	exon=> In CDS Exon 1 of transcript AGAP000099-PA
JHU_Ag_89785	VSIISEAQAQQTQQTNK	AGAP000099-PA	-	75	3.83E-07	2	1873.963	0.98	Midgut	X:+:1610488-1610503,1610572-1610606	exon=> In CDS Exon 3 and 4 of transcript AGAP000099-PA
JHU_Ag_90015	IPFQVPDK	AGAP000099-PA	-	36	0.002995171	1	943.525	-0.22	Salivary gland	X:+:1611483-1611506	exon=> In CDS Exon 6 of transcript AGAP000099-PA
JHU_Ag_98140	VIWNQLAEALNMK	AGAP000099-PA	-	50	0.000115586	2	1529.821	4.04	Salivary gland	X:+:1611507-1611545	exon=> In CDS Exon 6 of transcript AGAP000099-PA
JHU_Ag_98886	IRDFDDLFYLYPNKPK	AGAP000099-PA	-	45	0.000434362	1	2044.055	0.46	Midgut	X:+:1612071-1612118	exon=> In CDS Exon 7 of transcript AGAP000099-PA
JHU_Ag_115848	VSIISEAQAQQTQQTNK	AGAP000099-PA	-	109	1.43E-10	1	1873.970	4.7	Salivary gland	X:+:1610488-1610503,1610572-1610606	exon=> In CDS Exon 3 and 4 of transcript AGAP000099-PA
JHU_Ag_117243	VNQLPQPILEQIR	AGAP000099-PA	-	42	0.000144857	1	1547.893	1.39	Ovary	X:+:1609340-1609378	exon=> In CDS Exon 1 of transcript AGAP000099-PA
JHU_Ag_21598	ELLHFSDASK	AGAP000100-PA	-	58	2.81E-05	2	1146.579	-0.31	Midgut	X:+:1629161-1629190	exon=> In CDS Exon 2 of transcript AGAP000100-PA
JHU_Ag_31695	ELLHFSDASKR	AGAP000100-PA	-	64	7.80E-06	1	1302.678	-1.71	Midgut	X:+:1629161-1629193	exon=> In CDS Exon 2 of transcript AGAP000100-PA
JHU_Ag_11537	FDYLLTEAQDKYSDK	AGAP000102-PA	-	42	0.001039865	1	1835.871	0.37	Salivary gland	X:+:1737344-1737388	exon=> In CDS Exon 6 of transcript AGAP000102-PA
JHU_Ag_16753	ISLPALLR	AGAP000102-PA	-	60	9.22E-07	2	882.577	-0.03	Salivary gland	X:+:1736142-1736165	exon=> In CDS Exon 3 of transcript AGAP000102-PA
JHU_Ag_17009	FDYLLTEAQDK	AGAP000102-PA	-	90	1.37E-08	2	1342.652	-0.5	Salivary gland	X:+:1737344-1737376	exon=> In CDS Exon 6 of transcript AGAP000102-PA
JHU_Ag_37287	ASFSEVCNLDR	AGAP000102-PA	C7(Carbamidomethyl)	88	1.75E-08	2	1297.588	3.27	Salivary gland	X:+:1738127-1738159	exon=> In CDS Exon 6 of transcript AGAP000102-PA
JHU_Ag_70027	LIDDSGTLADELDDEQGEGDGGR	AGAP000102-PA	-	72	4.50E-07	2	2377.031	1.29	Head	X:+:1738187-1738255	exon=> In CDS Exon 6 of transcript AGAP000102-PA
JHU_Ag_72662	SVLVFLIAAAHCVYTPFTK	AGAP000102-PA	C12(Carbamidomethyl)	61	4.07E-06	3	2137.158	2.91	Salivary gland	X:+:1735402-1735458	exon=> In CDS Exon 1 of transcript AGAP000102-PA
JHU_Ag_76056	VEESFNLQAIHDLLYHR	AGAP000102-PA	-	81	1.27E-07	1	2084.056	0.02	Salivary gland	X:+:1735459-1735509	exon=> In CDS Exon 1 of transcript AGAP000102-PA
JHU_Ag_80144	KAAGTVPPLPK	AGAP000102-PA	-	35	0.000345288	2	1078.664	1.64	Salivary gland	X:+:1737830-1737862	exon=> In CDS Exon 6 of transcript AGAP000102-PA
JHU_Ag_105435	FAQINSDWTYSK	AGAP000102-PA	-	90	1.37E-08	1	1459.686	0.65	Salivary gland	X:+:1737190-1737215,1737295-1737304	exon=> In CDS Exon 5 and 6 of transcript AGAP000102-PA
JHU_Ag_23814	NGLVYIR	AGAP000105-PA	-	33	0.003803923	2	834.481	-2.1	Visceras	X:-:1751582-1751562	exon=> In CDS Exon 1 of transcript AGAP000105-PA

JHU_Ag_166	LANAPSDNVTAWQR	AGAP000106-PA	-	47	0.000256578	2	1542.773	4.85	Salivary gland	X:+:1763794-1763835	exon=> In CDS Exon 3 of transcript AGAP000106-PA
JHU_Ag_13656	LEAAPVVEAEVASSR	AGAP000106-PA	-	90	1.32E-08	2	1527.799	-1.25	Midgut	X:+:1764134-1764178	exon=> In CDS Exon 4 of transcript AGAP000106-PA
JHU_Ag_16634	LYTTDFVPTVALR	AGAP000106-PA	-	55	2.46E-05	2	1495.819	2.47	Midgut	X:+:1764519-1764557	exon=> In CDS Exon 5 of transcript AGAP000106-PA
JHU_Ag_19044	LYTTDFVPTVALR	AGAP000106-PA	-	58	1.00E-05	2	1495.821	3.7	Malpighian tubule	X:+:1764519-1764557	exon=> In CDS Exon 5 of transcript AGAP000106-PA
JHU_Ag_19736	NILLLEAAAGFK	AGAP000106-PA	-	75	1.22E-07	2	1259.735	-0.96	Midgut	X:+:1753345-1753380	exon=> In CDS Exon 2 of transcript AGAP000106-PA
JHU_Ag_36220	NILLLEAAAGFK	AGAP000106-PA	-	49	4.80E-05	2	1259.740	3.21	Ovary	X:+:1753345-1753380	exon=> In CDS Exon 2 of transcript AGAP000106-PA
JHU_Ag_48536	LANAPSDNVTAWQR	AGAP000106-PA	-	116	3.82E-11	1	1542.771	3.35	Ovary	X:+:1763794-1763835	exon=> In CDS Exon 3 of transcript AGAP000106-PA
JHU_Ag_50148	LEAAPVVEAEVASSR	AGAP000106-PA	-	48	0.000182544	2	1527.802	0.58	Malpighian tubule	X:+:1764134-1764178	exon=> In CDS Exon 4 of transcript AGAP000106-PA
JHU_Ag_50596	AAFPLGLGHTSTYVGQGVCLIGDAAHR	AGAP000106-PA	C19(Carbamidomethyl)	43	0.000571041	1	2768.396	0.66	Malpighian tubule	X:+:1764179-1764243,1764317-1764332	exon=> In CDS Exon 4 and 5 of transcript AGAP000106-PA
JHU_Ag_63746	LKHNVPVLLTTHSLQR	AGAP000106-PA	-	102	8.42E-11	1	1856.089	1.34	Malpighian tubule	X:+:1764471-1764518	exon=> In CDS Exon 5 of transcript AGAP000106-PA
JHU_Ag_67555	LLQLDGDSFIAAVNAAFHKPMPR	AGAP000106-PA	-	77	1.59E-07	1	2511.320	0.86	Visceras	X:+:1763926-1763976,1764050-1764067	exon=> In CDS Exon 3 and 4 of transcript AGAP000106-PA
JHU_Ag_73010	LYTTDFVPTVALR	AGAP000106-PA	-	44	0.000278019	2	1495.820	3.13	Visceras	X:+:1764519-1764557	exon=> In CDS Exon 5 of transcript AGAP000106-PA
JHU_Ag_77462	LANAPSDNVTAWQR	AGAP000106-PA	-	50	0.000145027	2	1542.773	4.22	Midgut	X:+:1763794-1763835	exon=> In CDS Exon 3 of transcript AGAP000106-PA
JHU_Ag_86116	NAILPSR	AGAP000106-PA	-	31	0.003392038	2	770.451	-1.11	Ovary	X:+:1753070-1753090	exon=> In CDS Exon 1 of transcript AGAP000106-PA
JHU_Ag_86743	LEAAPVVEAEVASSR	AGAP000106-PA	-	78	1.70E-07	2	1527.807	3.46	Salivary gland	X:+:1764134-1764178	exon=> In CDS Exon 4 of transcript AGAP000106-PA
JHU_Ag_98484	LANAPSDNVTAWQR	AGAP000106-PA	-	108	2.01E-10	1	1542.768	1.61	Malpighian tubule	X:+:1763794-1763835	exon=> In CDS Exon 3 of transcript AGAP000106-PA
JHU_Ag_108908	LANAPSDNVTAWQR	AGAP000106-PA	-	58	2.07E-05	2	1542.763	-1.8	Male reproductive organs	X:+:1763794-1763835	exon=> In CDS Exon 3 of transcript AGAP000106-PA
JHU_Ag_113629	NTLVDDVMKGVHSLIK	AGAP000106-PA	-	34	0.003234869	1	1768.963	0.11	Malpighian tubule	X:+:1764068-1764115	exon=> In CDS Exon 4 of transcript AGAP000106-PA
JHU_Ag_45888	HLSPLYR	AGAP000108-PA	-	38	0.001139438	2	885.495	0.62	Head	X:-:1788426-1788406	exon=> In CDS Exon 3 of transcript AGAP000108-PA
JHU_Ag_65298	DEDISTCK	AGAP000108-PA	C7(Carbamidomethyl)	39	0.000502866	2	967.404	0.43	Head	X:-:1788755-1788732	exon=> In CDS Exon 2 of transcript AGAP000108-PA
JHU_Ag_6359	FQKPDGKPVFLK	AGAP000109-PA	-	61	3.59E-06	1	1403.806	0.67	Malpighian tubule	X:-:1793078-1793189,1792841-1792955	exon=> In CDS Exon 3 and 2 of transcript AGAP000109-PA
JHU_Ag_41900	LFYELSYPK	AGAP000109-PA	-	54	6.96E-05	2	1159.600	-2.61	Head	X:-:1792879-1792853	exon=> In CDS Exon 3 of transcript AGAP000109-PA
JHU_Ag_43309	TAPASSSEVAEGYKQLK	AGAP000109-PA	-	90	1.69E-08	1	1765.899	1.19	Malpighian tubule	X:-:1793144-1793094	exon=> In CDS Exon 2 of transcript AGAP000109-PA
JHU_Ag_52722	FQKPDGKPVFLK	AGAP000109-PA	Q2(Deamidated)	58	6.97E-06	1	1403.806	0.95	Head	X:-:1793078-1793189,1792841-1792955	exon=> In CDS Exon 3 and 2 of transcript AGAP000109-PA
JHU_Ag_54177	LFYELSYPK	AGAP000109-PA	-	63	8.64E-06	1	1159.606	1.82	Malpighian tubule	X:-:1792879-1792853	exon=> In CDS Exon 3 of transcript AGAP000109-PA

JHU_Ag_84813	FQKPDGKPVFLK	AGAP000109-PA	-	58	7.61E-06	1	1403.800	-2.96	Midgut	X:-:1793078-1793189,1792841-1792955	exon=> In CDS Exon 3 and 2 of transcript AGAP000109-PA
JHU_Ag_92159	FQKPDGKPVFLK	AGAP000109-PA	-	54	1.88E-05	1	1403.805	0.5	Ovary	X:-:1793078-1793189,1792841-1792955	exon=> In CDS Exon 3 and 2 of transcript AGAP000109-PA
JHU_Ag_96952	GGPMDNVLFSLTMVLSVAGLAGIGK	AGAP000109-PA	M4(Oxidation), M13(Oxidation)	118	1.46E-11	1	2479.299	2.13	Ovary	X:-:1792954-1792880	exon=> In CDS Exon 3 of transcript AGAP000109-PA
JHU_Ag_102553	FQKPDGKPVFLK	AGAP000109-PA	-	52	2.79E-05	1	1403.806	0.76	Visceras	X:-:1793078-1793189,1792841-1792955	exon=> In CDS Exon 3 and 2 of transcript AGAP000109-PA
JHU_Ag_106737	LFYELSYPK	AGAP000109-PA	-	56	4.85E-05	1	1159.603	-0.08	Ovary	X:-:1792879-1792853	exon=> In CDS Exon 3 of transcript AGAP000109-PA
JHU_Ag_112597	HIQEKFQKPDGKPVFLK	AGAP000109-PA	-	76	8.73E-08	1	2039.143	-0.31	Malpighian tubule	X:-:1793093-1793189,1792841-1792955	exon=> In CDS Exon 3 and 2 of transcript AGAP000109-PA
JHU_Ag_113144	LFYELSYPK	AGAP000109-PA	-	68	2.81E-06	2	1159.601	-1.76	Midgut	X:-:1792879-1792853	exon=> In CDS Exon 3 of transcript AGAP000109-PA
JHU_Ag_472	DYEQPDGEYIDVSR	AGAP000110-PA	-	65	2.85E-06	1	1685.742	7.57	Head	X:+:1794689-1794730	exon=> In CDS Exon 3 of transcript AGAP000110-PA
JHU_Ag_14973	ALGELQLASDELYQR	AGAP000110-PA	-	118	1.98E-11	1	1705.885	5.25	Malpighian tubule	X:+:1794575-1794619	exon=> In CDS Exon 3 of transcript AGAP000110-PA
JHU_Ag_15855	DYEQPDGEYIDVSR	AGAP000110-PA	-	45	0.000230 58	2	1685.726	-2.06	Malpighian tubule	X:+:1794689-1794730	exon=> In CDS Exon 3 of transcript AGAP000110-PA
JHU_Ag_19140	ALGELQLASDELYQR	AGAP000110-PA	-	81	1.06E-07	2	1705.881	2.96	Visceras	X:+:1794575-1794619	exon=> In CDS Exon 3 of transcript AGAP000110-PA
JHU_Ag_25333	MSLLPVLSR	AGAP000110-PA	N-Term(Acetyl)	40	0.001001 495	2	1057.606	-1.86	Visceras	X:+:1793974-1793999,1794074-1794074	exon=> In CDS Exon 1 and 2 of transcript AGAP000110-PA
JHU_Ag_56563	ALGELQLASDELYQR	AGAP000110-PA	-	77	2.91E-07	1	1705.880	2.53	Ovary	X:+:1794575-1794619	exon=> In CDS Exon 3 of transcript AGAP000110-PA
JHU_Ag_74690	KLDPQIVK	AGAP000110-PA	-	37	0.000507 185	2	940.581	-1.51	Ovary	X:+:1794183-1794206	exon=> In CDS Exon 2 of transcript AGAP000110-PA
JHU_Ag_86858	LADYQLFDR	AGAP000110-PA	-	63	6.90E-06	2	1140.569	0.51	Ovary	X:+:1794527-1794553	exon=> In CDS Exon 3 of transcript AGAP000110-PA
JHU_Ag_87222	ALGELQLASDELYQR	AGAP000110-PA	-	61	1.10E-05	2	1705.880	2.68	Male reproductive organs	X:+:1794575-1794619	exon=> In CDS Exon 3 of transcript AGAP000110-PA
JHU_Ag_21080	LVVEAIGQGDR	AGAP000112-PA	-	53	4.42E-05	2	1156.636	3.48	Malpighian tubule	X:+:1834186-1834218	exon=> In CDS Exon 2 of transcript AGAP000112-PA
JHU_Ag_48093	ILADPEYVPASAAELCGR	AGAP000112-PA	C16(Carbamidomethyl)	58	3.02E-05	1	1931.963	5.15	Malpighian tubule	X:+:1834243-1834296	exon=> In CDS Exon 2 of transcript AGAP000112-PA
JHU_Ag_74323	LVVEAIGQGDR	AGAP000112-PA	-	69	1.19E-06	2	1156.628	-3.59	Salivary gland	X:+:1834186-1834218	exon=> In CDS Exon 2 of transcript AGAP000112-PA
JHU_Ag_74906	AIDAELELLAK	AGAP000112-PA	-	57	1.63E-05	2	1185.671	-1.4	Visceras	X:+:1835125-1835157	exon=> In CDS Exon 2 of transcript AGAP000112-PA
JHU_Ag_90043	SSVAASAPAYPR	AGAP000112-PA	-	60	1.56E-05	2	1176.604	2.44	Malpighian tubule	X:+:1833919-1833954	exon=> In CDS Exon 2 of transcript AGAP000112-PA
JHU_Ag_93566	QNLALQNIQAR	AGAP000112-PA	-	46	0.000165 326	2	1268.710	2.65	Malpighian tubule	X:+:1834492-1834524	exon=> In CDS Exon 2 of transcript AGAP000112-PA
JHU_Ag_25326	ELEDYLDSLLLK	AGAP000116-PA	-	51	0.000100 88	2	1450.773	3.46	Midgut	X:-:1919739-1919704	exon=> In CDS Exon 3 of transcript AGAP000116-PA
JHU_Ag_5315	FRDEEQEHHDTGLEHGAEQAPFYR	AGAP000118-PA	-	62	5.39E-06	1	2898.284	0.46	Head	X:-:1937494-1937423	exon=> In CDS Exon 2 of transcript AGAP000118-PA
JHU_Ag_25822	FRDEEQEHHDTGLEHGAEQAPFYR	AGAP000118-PA	-	87	1.96E-08	1	2898.281	-0.55	Midgut	X:-:1937494-1937423	exon=> In CDS Exon 2 of transcript AGAP000118-PA

JHU_Ag_27380	FRDEEQEHHDTGLEHGAEQAPFYR	AGAP000118-PA	-	118	1.56E-11	1	2898.293	3.58	Ovary	X:-:1937494-1937423	exon=> In CDS Exon 2 of transcript AGAP000118-PA
JHU_Ag_36309	VDHAGELGANQIYR	AGAP000118-PA	-	85	4.82E-08	1	1542.767	0.66	Midgut	X:-:1937937-1937896	exon=> In CDS Exon 1 of transcript AGAP000118-PA
JHU_Ag_45900	VRPTALLPFWNVAGFALGAGTALLGEK	AGAP000118-PA	-	116	4.43E-12	1	2769.542	-1.23	Midgut	X:-:1937698-1937618	exon=> In CDS Exon 2 of transcript AGAP000118-PA
JHU_Ag_76958	LFAQILYR	AGAP000119-PA	-	44	0.000215083	1	1023.598	-0.65	Ovary	X:-:1942031-1942008	exon=> In CDS Exon 3 of transcript AGAP000119-PA
JHU_Ag_114948	GPLDGKPGLFFGVK	AGAP000120-PA	-	41	0.000639236	2	1431.802	1.4	Salivary gland	X:-:1944596-1944555	exon=> In CDS Exon 2 of transcript AGAP000120-PA
JHU_Ag_15790	GKPATIVVR	AGAP000123-PA	-	36	0.00061402	2	940.594	0.17	Pupa	X:+:2005712-2005738	exon=> In CDS Exon 4 of transcript AGAP000123-PA
JHU_Ag_28053	GWLWSDTNCNTQLNFICQHQPK	AGAP000123-PA	C9(Carbamidomethyl), C17(Carbamidomethyl)	36	0.003137234	1	2747.252	2.26	Pupa	X:+:2006291-2006348,2006424-2006431	exon=> In CDS Exon 4 and 5 of transcript AGAP000123-PA
JHU_Ag_107471	KITQQLGALDLK	AGAP000124-PA	Q4(Deamidated), Q5(Deamidated)	28	0.011126038	1	1329.761	-0.9	Midgut	X:-:2021646-2021611	exon=> In CDS Exon 5 of transcript AGAP000124-PA
JHU_Ag_75255	GLVVLK	AGAP000126-PA	-	25	0.001132557	1	628.440	1.86	Malpighian tubule	X:+:2037113-2037130	exon=> In CDS Exon 3 of transcript AGAP000126-PA
JHU_Ag_91222	MNNLSGDKPQQTPVPQPRPR	AGAP000126-PA	N-Term(Acetyl), M1(Oxidation)	34	0.005142441	1	2318.181	5.97	Malpighian tubule	X:+:2031552-2031611	exon=> In CDS Exon 1 of transcript AGAP000126-PA
JHU_Ag_8733	NELGLPLILDEK	AGAP000127-PA	-	41	0.000494698	2	1353.766	2.72	Head	X:+:2039848-2039868,2039960-2039974	exon=> In CDS Exon 3 and 4 of transcript AGAP000127-PA
JHU_Ag_1924	HIDMSAVHK	AGAP000129-PA	M4(Oxidation)	52	7.02E-05	1	1053.511	-3.69	Head	X:-:2067523-2067497	exon=> In CDS Exon 4 of transcript AGAP000129-PA
JHU_Ag_6366	TYLLK	AGAP000129-PA	-	24	0.002302243	1	637.392	0.6	Head	X:-:2067105-2067091	exon=> In CDS Exon 5 of transcript AGAP000129-PA
JHU_Ag_8563	NHLVWNPVFTLIDHIGR	AGAP000129-PA	-	57	1.40E-05	1	2031.104	5.53	Visceras	X:-:2067574-2067524	exon=> In CDS Exon 4 of transcript AGAP000129-PA
JHU_Ag_11829	MLSGGSSGYSTLFNFLK	AGAP000129-PA	M1(Oxidation)	125	4.59E-12	1	1824.890	3.47	Head	X:-:2066979-2066929	exon=> In CDS Exon 5 of transcript AGAP000129-PA
JHU_Ag_15935	AIAGFLSADTAIK	AGAP000129-PA	-	94	2.97E-09	1	1277.712	1.4	Head	X:-:2068741-2068703	exon=> In CDS Exon 3 of transcript AGAP000129-PA
JHU_Ag_16444	TFYGEDVWEALTK	AGAP000129-PA	-	55	3.99E-05	2	1558.748	3.85	Visceras	X:-:2068480-2068442	exon=> In CDS Exon 3 of transcript AGAP000129-PA
JHU_Ag_17313	KLQEYWGVPLPLEK	AGAP000129-PA	-	80	5.99E-08	2	1699.949	4.22	Head	X:-:2069106-2069065	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_21410	AGYKPCIEEAQR	AGAP000129-PA	C6(Carbamidomethyl)	106	3.74E-10	1	1421.686	0.96	Head	X:-:2067370-2067335	exon=> In CDS Exon 4 of transcript AGAP000129-PA
JHU_Ag_24091	LDVVALPGFSYVKPADNWGLIVFK	AGAP000129-PA	-	72	2.05E-07	1	2648.459	4.02	Head	X:-:2069064-2070048,2068844-2068922	exon=> In CDS Exon 2 and 1 of transcript AGAP000129-PA
JHU_Ag_26944	TLAGCPSQPFKIDR	AGAP000129-PA	C5(Carbamidomethyl)	60	1.61E-05	1	1589.818	4.81	Head	X:-:2067090-2067049	exon=> In CDS Exon 5 of transcript AGAP000129-PA
JHU_Ag_27176	SIDLSAANPLISDTK	AGAP000129-PA	-	67	2.69E-06	2	1544.819	1.34	Head	X:-:2069955-2069911	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_28744	HVIDVFK	AGAP000129-PA	-	56	3.10E-05	1	857.483	-6.24	Head	X:-:2069310-2069290	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_30051	TLLTPLYEELVGNQQESEEMWK	AGAP000129-PA	M20(Oxidation)	50	0.000168595	3	2653.281	4.1	Head	X:-:2067475-2067410	exon=> In CDS Exon 4 of transcript AGAP000129-PA
JHU_Ag_32227	ERPHDVPEQDK	AGAP000129-PA	-	72	9.57E-07	1	1349.636	-6.18	Head	X:-:2068291-2068259	exon=> In CDS Exon 3 of transcript AGAP000129-PA
JHU_Ag_35504	NWNLLATFLQK	AGAP000129-PA	-	89	1.22E-08	1	1347.751	6.33	Head	X:-:2068075-2068043	exon=> In CDS Exon 3 of transcript AGAP000129-PA

JHU_Ag_37029	RYPHSR	AGAP000129-PA	-	37	0.002167406	2	815.426	-1.42	Head	X:-:2068627-2068610	exon=> In CDS Exon 3 of transcript AGAP000129-PA
JHU_Ag_41597	THHVLFNTALER	AGAP000129-PA	-	84	4.92E-08	1	1437.757	-2.18	Head	X:-:2069370-2069335	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_49416	KFEMYVR	AGAP000129-PA	-	29	0.010011484	1	972.493	-4.22	Head	X:-:2067496-2067476	exon=> In CDS Exon 4 of transcript AGAP000129-PA
JHU_Ag_51762	RVFPCFDEPSYK	AGAP000129-PA	C5(Carbamidomethyl)	59	1.61E-05	2	1544.723	1.72	Head	X:-:2069439-2069404	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_53479	TFYGEDVWEALTK	AGAP000129-PA	-	100	1.33E-09	1	1558.746	2.2	Head	X:-:2068480-2068442	exon=> In CDS Exon 3 of transcript AGAP000129-PA
JHU_Ag_55871	FVGNIWENVEGIFEGK	AGAP000129-PA	-	88	2.49E-08	1	1837.911	-0.66	Head	X:-:2069604-2069557	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_58591	LQEYWGVPLPLEK	AGAP000129-PA	-	60	1.03E-05	1	1571.857	6.51	Head	X:-:2069103-2069065	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_73902	ATNQINLHAHHDLTVDELELEVVR	AGAP000129-PA	-	134	3.57E-13	1	2766.426	3.19	Head	X:-:2069805-2069734	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_83830	TFYGEDVWEALTK	AGAP000129-PA	-	56	3.03E-05	2	1558.746	2.13	Pupa	X:-:2068480-2068442	exon=> In CDS Exon 3 of transcript AGAP000129-PA
JHU_Ag_85296	LCESVTVNDVVNSWITK	AGAP000129-PA	C2(Carbamidomethyl)	114	7.19E-11	1	1963.980	0.05	Head	X:-:2068420-2068370	exon=> In CDS Exon 3 of transcript AGAP000129-PA
JHU_Ag_88202	TVETGDGKHVIDVFK	AGAP000129-PA	-	74	5.09E-07	1	1644.870	6.27	Head	X:-:2069334-2069290	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_88688	EEWEFGLQR	AGAP000129-PA	-	54	5.08E-05	1	1193.559	0.28	Head	X:-:2067171-2067145	exon=> In CDS Exon 5 of transcript AGAP000129-PA
JHU_Ag_92348	NHLVWNPVFTLIDHIGR	AGAP000129-PA	-	136	2.15E-13	1	2031.101	4.27	Head	X:-:2067574-2067524	exon=> In CDS Exon 4 of transcript AGAP000129-PA
JHU_Ag_102542	SIDLSAANPLISDTKLPTDLVPSGYSLHL HPVLDR	AGAP000129-PA	-	155	7.57E-16	1	3755.023	5.67	Head	X:-:2069955-2069851	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_115472	LPTDLVPSGYSLHLHPVLDR	AGAP000129-PA	-	88	1.16E-08	1	2229.206	1.54	Head	X:-:2069910-2069851	exon=> In CDS Exon 1 of transcript AGAP000129-PA
JHU_Ag_3748	LGESVAPR	AGAP000130-PA	-	47	0.000153933	2	828.460	3.1	Malpighian tubule	X:+:2070555-2070578	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_16381	VIITIYYNDHAFR	AGAP000130-PA	-	51	9.02E-05	1	1624.849	0.34	Malpighian tubule	X:+:2071682-2071720	exon=> In CDS Exon 2 of transcript AGAP000130-PA
JHU_Ag_19180	SLTAGLESLNSER	AGAP000130-PA	-	97	3.76E-09	1	1376.702	0.48	Malpighian tubule	X:+:2070426-2070464	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_29670	HDGTVLFR	AGAP000130-PA	-	57	2.69E-05	2	944.494	-0.54	Malpighian tubule	X:+:2071131-2071154	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_53945	AGEILAVPEQVIPADLFYLSK	AGAP000130-PA	-	67	9.17E-07	1	2273.249	2.64	Malpighian tubule	X:+:2070774-2070836	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_66860	LAVANDTR	AGAP000130-PA	N5(Deamidated)	41	0.001663299	2	860.441	-7.25	Salivary gland	X:+:2071035-2071058	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_70428	LELILK	AGAP000130-PA	-	42	3.44E-05	1	728.491	-1.33	Male reproductive organs	X:+:2070342-2070359	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_72467	IISVSLPGYGSR	AGAP000130-PA	-	50	7.28E-05	2	1248.700	3.84	Malpighian tubule	X:+:2071760-2071795	exon=> In CDS Exon 2 of transcript AGAP000130-PA
JHU_Ag_96114	LAVANDTR	AGAP000130-PA	N5(Deamidated)	41	0.001769106	2	860.444	-3.99	Malpighian tubule	X:+:2071035-2071058	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_97822	LAVANDTR	AGAP000130-PA	N5(Deamidated)	42	0.001477268	2	860.438	-10.3	Head	X:+:2071035-2071058	exon=> In CDS Exon 1 of transcript AGAP000130-PA
JHU_Ag_101592	MPDEIPIYTR	AGAP000130-PA	M1(Oxidation)	51	0.000129373	1	1250.608	-0.13	Malpighian tubule	X:+:2071796-2071825	exon=> In CDS Exon 2 of transcript AGAP000130-PA
JHU_Ag_11948	FYHHPVFPADDFVTIK	AGAP000131-PA	-	56	4.11E-05	1	1932.963	-0.74	Malpighian tubule	X:+:2079859-2079906	exon=> In CDS Exon 3 of transcript AGAP000131-PA
JHU_Ag_24925	SISNMNEFK	AGAP000131-PA	N6(Deamidated)	29	0.007307274	1	1070.471	-10.14	Midgut	X:+:2083272-2083298	exon=> In CDS Exon 7 of transcript AGAP000131-PA

JHU_Ag_46226	MRDIIIK	AGAP000131-PA	-	37	0.002531457	1	888.520	-15.07	Head	X:+:2083368-2083388	exon=> In CDS Exon 7 of transcript AGAP000131-PA
JHU_Ag_18539	TSNTISLEHTFVPDAGK	AGAP000132-PA	-	53	8.68E-05	1	1816.906	-0.85	Midgut	X:-:2084121-2084071	exon=> In CDS Exon 1 of transcript AGAP000132-PA
JHU_Ag_22320	TSNTISLEHTFVPDAGK	AGAP000132-PA	-	116	3.74E-11	1	1816.907	-0.47	Malpighian tubule	X:-:2084121-2084071	exon=> In CDS Exon 1 of transcript AGAP000132-PA
JHU_Ag_41576	TSNTISLEHTFVPDAGK	AGAP000132-PA	-	60	1.70E-05	1	1816.909	0.76	Visceras	X:-:2084121-2084071	exon=> In CDS Exon 1 of transcript AGAP000132-PA
JHU_Ag_50312	TSNTISLEHTFVPDAGKGK	AGAP000132-PA	-	79	1.72E-07	1	2002.027	1.37	Malpighian tubule	X:-:2084121-2084065	exon=> In CDS Exon 1 of transcript AGAP000132-PA
JHU_Ag_51353	TSNTISLEHTFVPDAGK	AGAP000132-PA	-	117	3.56E-11	1	1816.907	-0.13	Ovary	X:-:2084121-2084071	exon=> In CDS Exon 1 of transcript AGAP000132-PA
JHU_Ag_55244	QLAEAAFQYAIEK	AGAP000132-PA	-	41	0.000951803	2	1481.769	3.92	Head	X:-:2084052-2084292,2083834-2083921	exon=> In CDS Exon 2 and 1 of transcript AGAP000132-PA
JHU_Ag_55562	TSNTISLEHTFVPDAGK	AGAP000132-PA	-	87	3.51E-08	2	1816.907	-0.13	Head	X:-:2084121-2084071	exon=> In CDS Exon 1 of transcript AGAP000132-PA
JHU_Ag_13374	AIELLK	AGAP000136-PA	-	28	0.003415376	1	686.444	-0.41	Midgut	X:+:2103851-2103868	exon=> In CDS Exon 1 of transcript AGAP000136-PA
JHU_Ag_48858	AIELLK	AGAP000136-PA	-	28	0.003702017	1	686.444	-1.3	Head	X:+:2103851-2103868	exon=> In CDS Exon 1 of transcript AGAP000136-PA
JHU_Ag_52986	AIELLK	AGAP000136-PA	-	28	0.003626089	1	686.445	0.03	Pupa	X:+:2103851-2103868	exon=> In CDS Exon 1 of transcript AGAP000136-PA
JHU_Ag_60667	LIEVLR	AGAP000136-PA	-	43	0.000273797	2	742.484	2.76	Midgut	X:+:2105342-2105359	exon=> In CDS Exon 2 of transcript AGAP000136-PA
JHU_Ag_66445	AIELLK	AGAP000136-PA	-	28	0.003685008	1	686.445	0.3	Larva	X:+:2103851-2103868	exon=> In CDS Exon 1 of transcript AGAP000136-PA
JHU_Ag_21779	LASEEPATYGATR	AGAP000137-PA	-	56	3.84E-05	1	1365.663	-1.3	Head	X:-:2109672-2109634	exon=> In CDS Exon 2 of transcript AGAP000137-PA
JHU_Ag_47297	ERVGSELR	AGAP000139-PA	-	41	0.001260482	2	945.515	4.07	Larva	X:+:2146608-2146631	exon=> In CDS Exon 1 of transcript AGAP000139-PA
JHU_Ag_8269	DIFAPEHLVAFVNER	AGAP000143-PA	-	119	1.76E-11	1	1756.901	-0.28	Midgut	X:-:2181269-2181225	exon=> In CDS Exon 7 of transcript AGAP000143-PA
JHU_Ag_15438	DTLQPDVQLWDVELR	AGAP000143-PA	-	83	6.36E-08	1	1826.930	1.14	Midgut	X:-:2181197-2181153	exon=> In CDS Exon 7 of transcript AGAP000143-PA
JHU_Ag_27360	QAELSQLINHR	AGAP000143-PA	-	77	2.19E-07	1	1308.703	0.68	Midgut	X:-:2181587-2181555	exon=> In CDS Exon 7 of transcript AGAP000143-PA
JHU_Ag_31060	FIATNPQDPR	AGAP000143-PA	-	48	0.000243039	2	1158.589	-0.94	Midgut	X:-:2182236-2182207	exon=> In CDS Exon 6 of transcript AGAP000143-PA
JHU_Ag_31583	VWGGGLYESDHFYR	AGAP000143-PA	-	119	1.57E-11	1	1685.770	-0.54	Midgut	X:-:2182620-2182579	exon=> In CDS Exon 6 of transcript AGAP000143-PA
JHU_Ag_83608	NGFLQFQPVR	AGAP000143-PA	-	52	8.71E-05	2	1205.642	-0.71	Midgut	X:-:2180726-2180697	exon=> In CDS Exon 7 of transcript AGAP000143-PA
JHU_Ag_90125	FVSEYGFQSFPAYTSWPEAR	AGAP000143-PA	-	105	4.35E-10	2	2369.086	-0.39	Midgut	X:-:2181656-2181597	exon=> In CDS Exon 7 of transcript AGAP000143-PA
JHU_Ag_90345	TVLPTVEANDPWR	AGAP000143-PA	-	64	4.39E-06	1	1497.767	-1.79	Midgut	X:-:2182326-2182288	exon=> In CDS Exon 6 of transcript AGAP000143-PA
JHU_Ag_107347	TVLLSSPSNGDQSLK	AGAP000143-PA	-	59	2.07E-05	2	1545.811	-0.71	Midgut	X:-:2182287-2182243	exon=> In CDS Exon 6 of transcript AGAP000143-PA
JHU_Ag_111879	TNEHGELLVEHGLTVAR	AGAP000143-PA	-	112	8.69E-11	1	1874.973	0.67	Midgut	X:-:2183084-2183034	exon=> In CDS Exon 5 of transcript AGAP000143-PA
JHU_Ag_116173	DIFAPEHLVAFVNER	AGAP000143-PA	-	42	0.000736494	1	1756.900	-1.19	Ovary	X:-:2181269-2181225	exon=> In CDS Exon 7 of transcript AGAP000143-PA
JHU_Ag_116959	TVQLTCVDPGCR	AGAP000143-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	57	2.66E-05	1	1405.656	0.08	Midgut	X:-:2180696-2180661	exon=> In CDS Exon 7 of transcript AGAP000143-PA

JHU_Ag_5579	VLLSICSLLCDPNPDDPLVPEIAR	AGAP000145-PA	C6(Carbamidomethyl), C10(Carbamidomethyl)	68	1.66E-06	2	2706.383	-0.42	Midgut	X:-:2217992-2218175,2217741-2217810	exon=> In CDS Exon 5 and 4 of transcript AGAP000145-PA
JHU_Ag_13302	SQWSPALTISK	AGAP000145-PA	-	51	0.000132471	2	1217.654	1.2	Ovary	X:-:2218025-2217993	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_31032	IYHPNINSNGSICLDILR	AGAP000145-PA	N9(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	127	3.42E-12	1	2100.054	-0.16	Malpighian tubule	X:-:2218079-2218026	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_41384	IYHPNINSNGSICLDILR	AGAP000145-PA	C13(Carbamidomethyl)	104	5.18E-10	1	2099.071	0.37	Head	X:-:2218079-2218026	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_45309	SQWSPALTISK	AGAP000145-PA	-	38	0.002180927	1	1217.656	3.01	Malpighian tubule	X:-:2218025-2217993	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_53431	SQWSPALTISK	AGAP000145-PA	-	44	0.000593089	2	1217.653	0.4	Midgut	X:-:2218025-2217993	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_71855	SQWSPALTISK	AGAP000145-PA	-	38	0.002350282	1	1217.654	1.37	Head	X:-:2218025-2217993	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_75638	YNELAR	AGAP000145-PA	-	42	0.000998511	2	765.390	1.07	Ovary	X:-:2217785-2217768	exon=> In CDS Exon 5 of transcript AGAP000145-PA
JHU_Ag_104993	IYHPNINSNGSICLDILR	AGAP000145-PA	C13(Carbamidomethyl)	89	1.67E-08	1	2099.078	3.77	Visceras	X:-:2218079-2218026	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_109351	IYHPNINSNGSICLDILR	AGAP000145-PA	N9(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	110	1.56E-10	1	2100.057	1.41	Ovary	X:-:2218079-2218026	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_113743	IYHPNINSNGSICLDILR	AGAP000145-PA	N9(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	106	3.71E-10	1	2100.054	-0.16	Midgut	X:-:2218079-2218026	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_114526	SQWSPALTISK	AGAP000145-PA	-	44	0.000529983	2	1217.656	3.21	Visceras	X:-:2218025-2217993	exon=> In CDS Exon 4 of transcript AGAP000145-PA
JHU_Ag_75305	KIAAILLETNVVGLQR	AGAP000146-PA	Q15(Deamidated),N10(Deamidated)	31	0.001447051	1	1739.030	-7.43	Malpighian tubule	X:+:2312704-2312751	exon=> In CDS Exon 4 of transcript AGAP000146-PA
JHU_Ag_32	RHECTFTYYYQVLLLDEAK	AGAP000147-PA	C4(Carbamidomethyl)	48	0.000246306	1	2449.184	-0.58	Salivary gland	X:-:2333773-2333717	exon=> In CDS Exon 1 of transcript AGAP000147-PA
JHU_Ag_21252	EDPADRPTAK	AGAP000147-PA	-	36	0.002561433	1	1099.537	-1	Malpighian tubule	X:-:2332050-2332021	exon=> In CDS Exon 3 of transcript AGAP000147-PA
JHU_Ag_25815	ALAEPNEVLGMR	AGAP000147-PA	M11(Oxidation)	49	0.000184781	2	1315.669	0.73	Salivary gland	X:-:2332986-2332951	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_38598	VDLAYILSLR	AGAP000147-PA	-	81	1.86E-08	2	1162.689	4.79	Ovary	X:-:2333415-2333386	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_41440	LLEVFLVCTR	AGAP000147-PA	C8(Carbamidomethyl)	40	0.000669861	2	1249.700	1.81	Malpighian tubule	X:-:2332080-2332051	exon=> In CDS Exon 3 of transcript AGAP000147-PA
JHU_Ag_51126	LLEVFLVCTR	AGAP000147-PA	C8(Carbamidomethyl)	54	2.62E-05	2	1249.698	0.54	Ovary	X:-:2332080-2332051	exon=> In CDS Exon 3 of transcript AGAP000147-PA
JHU_Ag_59289	VDLAYILSLR	AGAP000147-PA	-	71	2.39E-07	2	1162.684	0.9	Visceras	X:-:2333415-2333386	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_62173	LLEVFLVCTR	AGAP000147-PA	C8(Carbamidomethyl)	52	3.85E-05	2	1249.702	3.38	Salivary gland	X:-:2332080-2332051	exon=> In CDS Exon 3 of transcript AGAP000147-PA
JHU_Ag_68085	ALAEPNEVLGMR	AGAP000147-PA	M11(Oxidation)	61	1.07E-05	1	1315.671	2.4	Ovary	X:-:2332986-2332951	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_80896	ALAEPNEVLGMR	AGAP000147-PA	M11(Oxidation)	39	0.001905861	1	1315.670	2.21	Male reproductive organs	X:-:2332986-2332951	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_82872	YGEDGADGPRPLDVPR	AGAP000147-PA	-	67	2.80E-06	1	1713.824	2.99	Ovary	X:-:2333385-2333338	exon=> In CDS Exon 2 of transcript AGAP000147-PA

JHU_Ag_86333	YGEDGADGPRPLDVPR	AGAP000147-PA	-	82	9.34E-08	1	1713.818	-0.96	Salivary gland	X:-:2333385-2333338	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_102994	LLEVFLVCTREDPADRPTAK	AGAP000147-PA	C8(Carbamidomethyl)	48	0.000137734	1	2330.226	3.78	Malpighian tubule	X:-:2332080-2332021	exon=> In CDS Exon 3 of transcript AGAP000147-PA
JHU_Ag_105105	VDLAYILSLR	AGAP000147-PA	-	76	5.65E-08	2	1162.689	5.21	Head	X:-:2333415-2333386	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_105566	VDLAYILSLR	AGAP000147-PA	-	72	1.86E-07	2	1162.682	-0.57	Salivary gland	X:-:2333415-2333386	exon=> In CDS Exon 2 of transcript AGAP000147-PA
JHU_Ag_10380	SMHDVLCDRIDQAFLEQ	AGAP000150-PA	M2(Oxidation), C7(Carbamidomethyl)	49	0.00015431	1	2092.949	3	Visceras	X:-:2405747-2405697	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_14661	SMHDVLCDRIDQAFLEQ	AGAP000150-PA	M2(Oxidation), C7(Carbamidomethyl)	71	9.82E-07	1	2092.945	0.9	Malpighian tubule	X:-:2405747-2405697	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_17186	FCTLCDTR	AGAP000150-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	54	1.27E-05	1	1072.454	-1.31	Salivary gland	X:-:2405876-2405853	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_17536	ETREPLPYMYACPGTEPCQSSDR	AGAP000150-PA	M9(Oxidation), C12(Carbamidomethyl), C18(Carbamidomethyl),"C12(Carbamidomethyl), C18(Carbamidomethyl)"	139	6.88E-14	1	2744.181	2.09	Salivary gland	X:-:2405834-2405766	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_46059	SMHDVLCDR	AGAP000150-PA	M2(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	64	1.38E-06	1	1132.489	1.21	Salivary gland	X:-:2405747-2405721	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_46345	IDQAFLEQ	AGAP000150-PA	-	50	0.00014979	1	963.478	-0.42	Salivary gland	X:-:2405720-2405697	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_48944	EPLPYMYACPGTEPCQSSDR	AGAP000150-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)," M6(Oxidation), C9(Carbamidomethyl), C15(Carbamidomethyl)"	110	3.37E-11	1	2357.981	-0.99	Salivary gland	X:-:2405825-2405766	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_53655	EPLPYMYACPGTEPCQSSDR	AGAP000150-PA	M6(Oxidation), C9(Carbamidomethyl), C15(Carbamidomethyl)	67	6.60E-07	1	2373.982	1.66	Visceras	X:-:2405825-2405766	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_65291	SMHDVLCDRIDQAFLEQ	AGAP000150-PA	M2(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	137	2.47E-13	1	2076.951	1.75	Salivary gland	X:-:2405747-2405697	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_69207	EPLPYMYACPGTEPCQSSDR	AGAP000150-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)," M6(Oxidation), C9(Carbamidomethyl), C15(Carbamidomethyl)"	61	2.71E-06	1	2373.983	1.86	Head	X:-:2405825-2405766	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_96553	SMHDVLCDR	AGAP000150-PA	M2(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	51	3.29E-05	2	1148.479	-2.88	Head	X:-:2405747-2405721	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_110144	FCTLCDTR	AGAP000150-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	41	0.000222752	2	1072.455	0.39	Visceras	X:-:2405876-2405853	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_112606	FCTLCDTR	AGAP000150-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	49	4.09E-05	1	1072.454	-0.74	Head	X:-:2405876-2405853	exon=> In CDS Exon 1 of transcript AGAP000150-PA
JHU_Ag_114092	VATFKGER	AGAP000150-PA	-	54	4.68E-05	2	907.500	0.11	Salivary gland	X:-:2405900-2405877	exon=> In CDS Exon 1 of transcript AGAP000150-PA

JHU_Ag_13044	MAMTGGGILGGIFSAL	AGAP000151-PA	M3(Oxidation),"M1(Oxidation), M3(Oxidation)"	94	5.81E-09	2	1511.761	1.01	Salivary gland	X:-:2455248-2455201	exon=> In CDS Exon 2 of transcript AGAP000151-PA
JHU_Ag_62961	MALTGGGVLGGVLTNM	AGAP000152-PA	-	56	3.85E-05	2	1490.773	1.25	Salivary gland	X:-:2456168-2456121	exon=> In CDS Exon 2 of transcript AGAP000152-PA
JHU_Ag_23517	GPDRPPVLNPAANLGQVLLNVLER	AGAP000154-PA	-	100	2.20E-10	1	2552.431	-0.07	Midgut	X:+:2485110-2485181	exon=> In CDS Exon 1 of transcript AGAP000154-PA
JHU_Ag_41230	NVIADADALPVVYEAAGR	AGAP000154-PA	-	105	4.23E-10	1	1843.954	-0.7	Midgut	X:+:2485452-2485505	exon=> In CDS Exon 1 of transcript AGAP000154-PA
JHU_Ag_41266	YVAVVGLPDPARPYNELATALVVR	AGAP000154-PA	-	35	0.000851079	3	2583.426	-1.17	Midgut	X:+:2486521-2486592	exon=> In CDS Exon 2 of transcript AGAP000154-PA
JHU_Ag_59880	DDSVGFLLPGVTAK	AGAP000154-PA	-	63	6.87E-06	2	1418.755	1.43	Midgut	X:+:2486136-2486177	exon=> In CDS Exon 1 of transcript AGAP000154-PA
JHU_Ag_98322	NHQIR	AGAP000156-PA	N1(Deamidated)	31	0.007156266	1	668.348	1.47	Head	X:-:2735451-2735437	exon=> In CDS Exon 1 of transcript AGAP000156-PA
JHU_Ag_14564	RGEELFSQLAEVANAFK	AGAP000159-PA	-	40	0.000968841	3	1908.998	8.69	Ovary	X:+:2816162-2816212	exon=> In CDS Exon 9 of transcript AGAP000159-PA
JHU_Ag_40491	RGEELFSQLAEVANAFK	AGAP000159-PA	-	58	1.86E-05	1	1908.989	4.18	Malpighian tubule	X:+:2816162-2816212	exon=> In CDS Exon 9 of transcript AGAP000159-PA
JHU_Ag_44941	DIFELLQSPK	AGAP000159-PA	-	37	0.002594944	2	1189.652	4.96	Head	X:+:2814451-2814480	exon=> In CDS Exon 6 of transcript AGAP000159-PA
JHU_Ag_18367	TSFDLLSLKK	AGAP000160-PA	-	32	0.002995494	2	1151.668	0.58	Pupa	X:-:2808923-2809031,2807860-2808133	exon=> In CDS Exon 2 and 1 of transcript AGAP000160-PA
JHU_Ag_105526	FYAMNTINNALNTHGLSFDR	AGAP000160-PA	M4(Oxidation)	125	4.78E-12	1	2315.103	6.78	Larva	X:-:2807637-2807578	exon=> In CDS Exon 3 of transcript AGAP000160-PA
JHU_Ag_107470	TSFDLLSLKK	AGAP000160-PA	-	53	1.85E-05	2	1151.672	4.61	Larva	X:-:2808923-2809031,2807860-2808133	exon=> In CDS Exon 2 and 1 of transcript AGAP000160-PA
JHU_Ag_22915	ASSVYFLVVLLR	AGAP000161-PA	-	23	0.007483267	1	1366.823	9.66	Malpighian tubule	X:-:2825785-2825750	exon=> In CDS Exon 6 of transcript AGAP000161-PA
JHU_Ag_40437	LLEQTNNPNYLKPAK	AGAP000161-PA	-	37	0.001646973	1	1742.950	3.44	Head	X:-:2825156-2825112	exon=> In CDS Exon 8 of transcript AGAP000161-PA
JHU_Ag_100256	NYLSLAPIFFK	AGAP000161-PA	-	34	0.002931307	2	1312.737	5.3	Larva	X:-:2829117-2829085	exon=> In CDS Exon 3 of transcript AGAP000161-PA
JHU_Ag_116695	DGGAANEVVEDGDVK	AGAP000161-PA	-	85	3.77E-08	1	1474.667	0.99	Head	X:-:2822897-2822853	exon=> In CDS Exon 11 of transcript AGAP000161-PA
JHU_Ag_2378	TPTEAAFDSPEGLIAVSQR	AGAP000162-PA	-	133	7.24E-13	1	1988.998	2.89	Malpighian tubule	X:-:2833790-2833734	exon=> In CDS Exon 3 of transcript AGAP000162-PA
JHU_Ag_3376	TPTEAAFDSPEGLIAVSQR	AGAP000162-PA	-	127	3.27E-12	1	1988.998	2.89	Pupa	X:-:2833790-2833734	exon=> In CDS Exon 3 of transcript AGAP000162-PA
JHU_Ag_11865	TQLPVLDADGTIK	AGAP000162-PA	-	57	1.90E-05	2	1370.754	1.05	Pupa	X:-:2832968-2833074,2832685-2832866	exon=> In CDS Exon 5 and 4 of transcript AGAP000162-PA
JHU_Ag_15705	ILEKDSFLLVTR	AGAP000162-PA	-	34	0.000718078	2	1433.838	1.05	Pupa	X:-:2832730-2832695	exon=> In CDS Exon 5 of transcript AGAP000162-PA
JHU_Ag_17537	DSFLLVTR	AGAP000162-PA	-	55	2.45E-05	2	950.530	-0.74	Pupa	X:-:2832718-2832695	exon=> In CDS Exon 5 of transcript AGAP000162-PA
JHU_Ag_38487	SIPDSVILDQYR	AGAP000162-PA	-	48	0.000223016	2	1405.736	2.87	Pupa	X:-:2833724-2833689	exon=> In CDS Exon 3 of transcript AGAP000162-PA
JHU_Ag_51921	ALGAEVIR	AGAP000162-PA	-	66	2.42E-06	2	828.494	0.73	Malpighian tubule	X:-:2833814-2833791	exon=> In CDS Exon 3 of transcript AGAP000162-PA
JHU_Ag_55833	TPTEAAFDSPEGLIAVSQR	AGAP000162-PA	-	100	1.69E-09	1	1988.996	1.67	Ovary	X:-:2833790-2833734	exon=> In CDS Exon 3 of transcript AGAP000162-PA
JHU_Ag_71958	TPTEAAFDSPEGLIAVSQR	AGAP000162-PA	-	90	1.58E-08	1	1989.001	4.24	Head	X:-:2833790-2833734	exon=> In CDS Exon 3 of transcript AGAP000162-PA

JHU_Ag_80750	SIPDSVILDQYR	AGAP000162-PA	-	54	5.87E-05	2	1405.735	1.91	Malpighian tubule	X:-:2833724-2833689	exon=> In CDS Exon 3 of transcript AGAP000162-PA
JHU_Ag_87461	VALPLAR	AGAP000162-PA	-	29	0.001048139	2	739.483	0.49	Malpighian tubule	X:-:2833373-2833353	exon=> In CDS Exon 3 of transcript AGAP000162-PA
JHU_Ag_107376	QEAGAERPVGILTQR	AGAP000162-PA	-	57	1.88E-05	1	1624.876	-0.34	Pupa	X:-:2832694-2832875,2832497-2832563	exon=> In CDS Exon 6 and 5 of transcript AGAP000162-PA
JHU_Ag_23844	YDDPDVER	AGAP000163-PA	-	45	0.000138918	2	1008.426	-0.84	Male reproductive organs	X:-:2844444-2844421	exon=> In CDS Exon 2 of transcript AGAP000163-PA
JHU_Ag_1402	VFANPEDIQPSKK	AGAP000165-PA	-	60	1.30E-05	1	1472.773	-0.98	Head	X:-:2849794-2849756	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_7934	VFANPEDIQPSK	AGAP000165-PA	-	55	4.62E-05	2	1344.679	-0.35	Male reproductive organs	X:-:2849794-2849759	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_33347	TTLLQNVNEEVFR	AGAP000165-PA	-	64	4.97E-06	2	1562.824	4.11	Larva	X:-:2850862-2850824	exon=> In CDS Exon 1 of transcript AGAP000165-PA
JHU_Ag_40009	IVHTLVYAVVVIPQPAR	AGAP000165-PA	-	59	5.51E-07	1	1875.127	2.78	Midgut	X:-:2849587-2849537	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_41808	FDDPDVER	AGAP000165-PA	-	56	1.96E-05	2	992.433	1.45	Larva	X:-:2849740-2849717	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_43231	VFANPEDIQPSK	AGAP000165-PA	-	67	3.06E-06	1	1344.682	1.56	Head	X:-:2849794-2849759	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_46516	TTLLQNVNEEVFR	AGAP000165-PA	-	44	0.000496065	1	1562.822	2.78	Malpighian tubule	X:-:2850862-2850824	exon=> In CDS Exon 1 of transcript AGAP000165-PA
JHU_Ag_47565	TTLLQNVNEEVFR	AGAP000165-PA	-	78	2.03E-07	1	1562.822	2.93	Ovary	X:-:2850862-2850824	exon=> In CDS Exon 1 of transcript AGAP000165-PA
JHU_Ag_61791	VFANPEDIQPSKK	AGAP000165-PA	-	101	1.04E-09	1	1472.780	3.49	Malpighian tubule	X:-:2849794-2849756	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_70549	VFANPEDIQPSK	AGAP000165-PA	-	47	0.000295346	2	1344.683	2.74	Malpighian tubule	X:-:2849794-2849759	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_70686	FDDPDVERVR	AGAP000165-PA	-	50	0.00017518	1	1247.604	2.29	Malpighian tubule	X:-:2849740-2849711	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_81867	FDDPDVER	AGAP000165-PA	-	52	4.82E-05	1	992.434	2.31	Malpighian tubule	X:-:2849740-2849717	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_85744	FDDPDVER	AGAP000165-PA	-	50	8.50E-05	2	992.432	-0.03	Male reproductive organs	X:-:2849740-2849717	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_86996	MLAMSVLTGR	AGAP000165-PA	M1(Oxidation), M4(Oxidation)	52	8.65E-05	2	1110.565	0.19	Male reproductive organs	X:-:2850787-2850758	exon=> In CDS Exon 1 of transcript AGAP000165-PA
JHU_Ag_94692	VFANPEDIQPSKK	AGAP000165-PA	-	82	9.43E-08	1	1472.775	0.51	Male reproductive organs	X:-:2849794-2849756	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_98940	KVFANPEDIQPSK	AGAP000165-PA	-	48	0.000223653	1	1472.776	1.09	Malpighian tubule	X:-:2850742-2850865,2849465-2849759	exon=> In CDS Exon 2 and 1 of transcript AGAP000165-PA
JHU_Ag_106532	GAQPKFDDPDVER	AGAP000165-PA	-	44	0.00047957	1	1473.701	2.99	Malpighian tubule	X:-:2849755-2849717	exon=> In CDS Exon 2 of transcript AGAP000165-PA
JHU_Ag_112141	TTLLQNVNEEVFR	AGAP000165-PA	-	78	1.95E-07	1	1562.818	0.43	Male reproductive organs	X:-:2850862-2850824	exon=> In CDS Exon 1 of transcript AGAP000165-PA
JHU_Ag_116769	TTLLQNVNEEVFR	AGAP000165-PA	-	61	1.06E-05	2	1562.813	-2.85	Midgut	X:-:2850862-2850824	exon=> In CDS Exon 1 of transcript AGAP000165-PA
JHU_Ag_1208	AVTVSAPLVQK	AGAP000167-PA	-	35	0.001880887	2	1112.670	2.05	Ovary	X:+:2868608-2868640	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_1985	LDRPLQLVDQTLVK	AGAP000167-PA	-	74	4.63E-08	1	1637.962	2.08	Malpighian tubule	X:+:2868641-2868682	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_4319	VIESVKPHIEK	AGAP000167-PA	-	42	0.000211869	1	1278.740	-0.99	Malpighian tubule	X:+:2868761-2868793	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_5558	DDPVLHTVQTVGR	AGAP000167-PA	-	75	3.52E-07	1	1436.752	1.98	Head	X:+:2869084-2869122	exon=> In CDS Exon 3 of transcript AGAP000167-PA

JHU_Ag_6209	LPVVDATWQQTQNVYGR	AGAP000167-PA	-	103	1.10E-09	2	1974.998	-2.5	Head	X:+:2866635-2866685	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_9658	AVTVSAPLVQK	AGAP000167-PA	-	59	6.69E-06	2	1112.668	0.08	Salivary gland	X:+:2868608-2868640	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_11804	GIDKLEVNAPIIK	AGAP000167-PA	-	81	1.33E-08	1	1409.833	-2.58	Head	X:+:2868683-2868721	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_18359	EQPADIYQQAR	AGAP000167-PA	-	39	0.002142119	2	1318.635	-2.63	Ovary	X:+:2868722-2868754	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_24254	QAVEAGSPR	AGAP000167-PA	-	64	2.91E-06	2	914.470	0.64	Malpighian tubule	X:+:2869270-2869296	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_24383	GIDKLEVNAPIIK	AGAP000167-PA	-	71	1.29E-07	1	1409.839	1.93	Malpighian tubule	X:+:2868683-2868721	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_29369	EDVRDYVATLIAVLR	AGAP000167-PA	-	63	2.93E-06	1	1732.963	2.38	Ovary	X:+:2869189-2869233	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_37455	VQENGSATTNTTAPTNSDSTAPNNSALLPHLESLDR	AGAP000167-PA	N24(Deamidated),N23(Deamidated),Q2(Deamidated)	118	1.70E-11	1	3723.772	0.69	Malpighian tubule	X:+:2866518-2866625	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_44616	LPVVDATWQQTQNVYGR	AGAP000167-PA	-	98	2.92E-09	2	1975.014	5.6	Salivary gland	X:+:2866635-2866685	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_47672	SDTESEDDNVPISAKDDPVLHTVQTVGR	AGAP000167-PA	-	82	8.69E-08	1	3024.453	4.59	Ovary	X:+:2868962-2868989,2869067-2869122	exon=> In CDS Exon 2 and 3 of transcript AGAP000167-PA
JHU_Ag_51971	VIESVKPHIEK	AGAP000167-PA	-	60	2.86E-06	1	1278.744	1.97	Ovary	X:+:2868761-2868793	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_56162	EQPADIYQQAR	AGAP000167-PA	-	40	0.00146502	2	1318.635	-2.82	Malpighian tubule	X:+:2868722-2868754	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_56323	LPVVDATWQQTQNVYGR	AGAP000167-PA	-	60	1.87E-05	2	1975.007	2.08	Malpighian tubule	X:+:2866635-2866685	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_56393	DDPVLHTVQTVGR	AGAP000167-PA	-	41	0.001027986	2	1436.755	3.76	Ovary	X:+:2869084-2869122	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_57179	LDRPLQLVDQTLVK	AGAP000167-PA	-	71	1.15E-07	1	1637.956	-1.43	Ovary	X:+:2868641-2868682	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_57993	AASLKDLSWR	AGAP000167-PA	-	64	4.80E-06	1	1146.629	1.7	Malpighian tubule	X:+:2868827-2868856	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_66427	GIDKLEVNAPIIK	AGAP000167-PA	-	53	8.25E-06	1	1409.836	-0.07	Salivary gland	X:+:2868683-2868721	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_66535	DDPVLHTVQTVGR	AGAP000167-PA	-	76	3.45E-07	1	1436.752	1.64	Malpighian tubule	X:+:2869084-2869122	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_66975	LTQYLNFINEK	AGAP000167-PA	Q3(Deamidated)	45	0.000304333	1	1383.733	12.97	Ovary	X:+:2869234-2869266	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_71021	ANEVLATQYGSLAVNGVDTTAQLAER	AGAP000167-PA	-	39	0.00158454	2	2691.363	1.78	Head	X:+:2868860-2868937	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_72786	VIESVKPHIEK	AGAP000167-PA	-	60	3.43E-06	1	1278.742	0.54	Head	X:+:2868761-2868793	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_73214	VQENGSATTNTTAPTNSDSTAPNNSALLPHLESLDR	AGAP000167-PA	-	86	2.96E-08	3	3723.787	4.72	Ovary	X:+:2866518-2866625	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_74166	SDTESEDDNVPISAKDDPVLHTVQTVGR	AGAP000167-PA	-	209	1.55E-20	1	3024.445	1.71	Malpighian tubule	X:+:2868962-2868989,2869067-2869122	exon=> In CDS Exon 2 and 3 of transcript AGAP000167-PA
JHU_Ag_77691	SDTESEDDNVPISAK	AGAP000167-PA	-	95	2.72E-09	1	1606.708	-0.08	Head	X:+:2868962-2868989,2869067-2869083	exon=> In CDS Exon 2 and 3 of transcript AGAP000167-PA
JHU_Ag_81259	LDRPLQLVDQTLVK	AGAP000167-PA	-	75	4.79E-08	1	1637.958	-0.16	Head	X:+:2868641-2868682	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_83010	ANEVLATQYGSLAVNGVDTTAQLAER	AGAP000167-PA	-	61	9.57E-06	3	2691.374	5.84	Ovary	X:+:2868860-2868937	exon=> In CDS Exon 2 of transcript AGAP000167-PA

JHU_Ag_84757	RQAVEAGSPR	AGAP000167-PA	-	55	2.57E-05	1	1070.568	-2.46	Head	X:+:2869267-2869296	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_86488	GIDKLEVNAPIIK	AGAP000167-PA	-	58	2.65E-06	2	1409.841	3.14	Ovary	X:+:2868683-2868721	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_86723	AVTVSAPLVQK	AGAP000167-PA	-	41	0.000455368	2	1112.669	1.5	Head	X:+:2868608-2868640	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_88010	DYVATLIAVLR	AGAP000167-PA	-	69	3.92E-07	2	1233.726	4.8	Salivary gland	X:+:2869201-2869233	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_89137	DYVATLIAVLR	AGAP000167-PA	-	49	4.86E-05	2	1233.721	0.84	Visceras	X:+:2869201-2869233	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_89402	VQENGSATTNTTAPTNSDSTAPNNSALLPHLESLDR	AGAP000167-PA	N24(Deamidated),Q2(Deamidated)	136	2.53E-13	1	3723.782	3.44	Head	X:+:2866518-2866625	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_93790	AVTVSAPLVQKLDRPLQLVDQTLVK	AGAP000167-PA	-	44	8.65E-06	1	2731.624	5.98	Ovary	X:+:2868608-2868682	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_94092	VKDYNPLLTWALGTAEDVVCR	AGAP000167-PA	C20(Carbamidomethyl)	70	1.10E-06	1	2420.240	4.86	Malpighian tubule	X:+:2866686-2866692,2868552-2868607	exon=> In CDS Exon 1 and 2 of transcript AGAP000167-PA
JHU_Ag_95307	AVTVSAPLVQKLDRPLQLVDQTLVK	AGAP000167-PA	-	95	8.51E-11	1	2731.617	3.23	Malpighian tubule	X:+:2868608-2868682	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_95610	LTQYLNFINEK	AGAP000167-PA	-	47	0.000239531	2	1382.733	1.07	Head	X:+:2869234-2869266	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_100358	MLKLPVVDATWQQTQNVYGR	AGAP000167-PA	-	103	5.54E-10	1	2347.232	3.8	Malpighian tubule	X:+:2866626-2866685	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_100989	LTQYLNFINEKR	AGAP000167-PA	-	86	2.17E-08	1	1538.838	3.55	Ovary	X:+:2869234-2869269	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_103799	LLDYYFPK	AGAP000167-PA	-	42	0.001064437	2	1058.557	1.48	Malpighian tubule	X:+:2868938-2868961	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_107734	LTQYLNFINEK	AGAP000167-PA	-	47	0.000204374	2	1382.735	2.75	Salivary gland	X:+:2869234-2869266	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_108272	KANEVLATQYGSLAVNGVDTTAQLAER	AGAP000167-PA	-	96	2.15E-09	1	2819.462	3.08	Ovary	X:+:2868857-2868937	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_108283	DDPVLHTVQTVGR	AGAP000167-PA	-	70	1.13E-06	1	1436.755	3.85	Midgut	X:+:2869084-2869122	exon=> In CDS Exon 3 of transcript AGAP000167-PA
JHU_Ag_111481	LPVVDATWQQTQNVYGR	AGAP000167-PA	-	96	4.27E-09	1	1975.010	3.19	Ovary	X:+:2866635-2866685	exon=> In CDS Exon 1 of transcript AGAP000167-PA
JHU_Ag_112271	KANEVLATQYGSLAVNGVDTTAQLAER	AGAP000167-PA	-	57	1.76E-05	3	2819.452	-0.36	Head	X:+:2868857-2868937	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_112656	KANEVLATQYGSLAVNGVDTTAQLAER	AGAP000167-PA	-	68	1.32E-06	1	2819.464	3.73	Malpighian tubule	X:+:2868857-2868937	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_115742	GIDKLEVNAPIIK	AGAP000167-PA	-	40	0.000143011	2	1409.837	0.28	Visceras	X:+:2868683-2868721	exon=> In CDS Exon 2 of transcript AGAP000167-PA
JHU_Ag_539	VYDQMPEPR	AGAP000170-PA	M5(Oxidation)	55	3.31E-05	2	1150.523	3	Visceras	X:-:2905339-2905313	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_1794	LPYSPFGTK	AGAP000170-PA	-	45	0.000333721	1	1009.536	1.03	Midgut	X:-:2905609-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_3478	QADVIIVAGTLTNK	AGAP000170-PA	-	48	8.06E-05	2	1442.823	0.89	Salivary gland	X:-:2905402-2905361	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_14464	QADVIIVAGTLTNK	AGAP000170-PA	-	114	2.36E-11	2	1442.821	-0.29	Midgut	X:-:2905402-2905361	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_20262	IIPVDIYVPGCPPTAEALLYGVLQLQK	AGAP000170-PA	C11(Carbamidomethyl)	30	0.001904381	3	2967.637	3.66	Visceras	X:-:2905231-2905151	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_24079	VYDQMPEPR	AGAP000170-PA	M5(Oxidation)	63	6.06E-06	2	1134.527	1.47	Malpighian tubule	X:-:2905339-2905313	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_24140	KVYDQMPEPR	AGAP000170-PA	M6(Oxidation)	59	2.03E-05	1	1278.616	0.89	Visceras	X:-:2905342-2905313	exon=> In CDS Exon 1 of transcript AGAP000170-PA

JHU_Ag_25780	TLQMWYRK	AGAP000170-PA	M4(Oxidation)	47	0.000253671	1	1141.583	0.86	Malpighian tubule	X:-:2905132-2905109	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_26184	LDDVLNWGR	AGAP000170-PA	-	78	1.94E-07	2	1087.553	-0.55	Midgut	X:-:2905549-2905523	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_27177	QSNWADWTVAR	AGAP000170-PA	-	74	5.04E-07	2	1333.633	3.69	Malpighian tubule	X:-:2905582-2905550	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_34770	LDDVLNWGRK	AGAP000170-PA	-	52	9.89E-05	1	1215.647	-0.6	Malpighian tubule	X:-:2905549-2905520	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_35994	QSNWADWTVAR	AGAP000170-PA	-	75	3.88E-07	2	1333.628	-0.25	Head	X:-:2905582-2905550	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_37418	QADVIIVAGTLTNK	AGAP000170-PA	-	47	9.39E-05	2	1442.826	3.52	Pupa	X:-:2905402-2905361	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_38820	IIPVDIYVPGCPPTAEALLYGVLQLQK	AGAP000170-PA	C11(Carbamidomethyl)	36	0.000584881	1	2967.629	0.7	Midgut	X:-:2905231-2905151	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_46654	LDDVLNWGR	AGAP000170-PA	-	47	0.000270927	1	1087.551	-2.06	Head	X:-:2905549-2905523	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_47832	DKPEKLPYSPFGTK	AGAP000170-PA	-	59	1.61E-05	1	1606.850	1.58	Visceras	X:-:2905624-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_48519	VYDQMPEPR	AGAP000170-PA	M5(Oxidation)	36	0.002725376	2	1150.518	-1.77	Midgut	X:-:2905339-2905313	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_54917	QADVIIVAGTLTNK	AGAP000170-PA	-	108	7.26E-11	2	1442.825	2.33	Ovary	X:-:2905402-2905361	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_55241	QADVIIVAGTLTNK	AGAP000170-PA	-	110	4.86E-11	1	1442.823	0.81	Head	X:-:2905402-2905361	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_56895	KVYDQMPEPR	AGAP000170-PA	M6(Oxidation)	47	0.000344436	1	1278.615	0.51	Malpighian tubule	X:-:2905342-2905313	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_62835	ATLPVVEK	AGAP000170-PA	-	40	0.000466973	2	856.514	0.16	Visceras	X:-:2905648-2905625	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_63958	QSNWADWTVAR	AGAP000170-PA	-	74	5.40E-07	2	1333.631	2.22	Visceras	X:-:2905582-2905550	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_67422	DKPEKLPYSPFGTK	AGAP000170-PA	-	32	0.007242777	1	1606.843	-3.14	Midgut	X:-:2905624-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_69253	KGSIWPLTFGLACCAVEMMHIAAPR	AGAP000170-PA	C13(Carbamidomethyl), C14(Carbamidomethyl), M18(Oxidation), M19(Oxidation)	85	5.47E-08	1	2848.386	3.31	Visceras	X:-:2905522-2905448	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_71499	QADVIIVAGTLTNK	AGAP000170-PA	-	118	7.98E-12	2	1442.826	3.43	Visceras	X:-:2905402-2905361	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_75327	LPYSPFGTK	AGAP000170-PA	-	48	0.000160418	1	1009.537	2.1	Malpighian tubule	X:-:2905609-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_75796	TLQMWYR	AGAP000170-PA	M4(Oxidation)	41	0.000748842	1	1013.486	-0.9	Head	X:-:2905132-2905112	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_82713	LDDVLNWGR	AGAP000170-PA	-	66	2.93E-06	1	1087.556	2.99	Malpighian tubule	X:-:2905549-2905523	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_87170	DKPEKLPYSPFGTK	AGAP000170-PA	-	60	1.14E-05	1	1606.847	-0.47	Head	X:-:2905624-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_88119	QSNWADWTVAR	AGAP000170-PA	-	78	2.29E-07	2	1333.629	0.57	Midgut	X:-:2905582-2905550	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_88237	IIPVDIYVPGCPPTAEALLYGVLQLQK	AGAP000170-PA	C11(Carbamidomethyl)	69	2.94E-07	1	2967.627	0.2	Ovary	X:-:2905231-2905151	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_90934	LPYSPFGTK	AGAP000170-PA	-	41	0.000895885	1	1009.537	1.25	Salivary gland	X:-:2905609-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_94427	LPYSPFGTK	AGAP000170-PA	-	56	2.43E-05	1	1009.535	0.12	Visceras	X:-:2905609-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA

JHU_Ag_97977	QADVIIVAGTLTNK	AGAP000170-PA	-	90	5.13E-09	2	1442.827	3.68	Malpighian tubule	X:-:2905402-2905361	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_100175	LDDVLNWGR	AGAP000170-PA	-	64	5.58E-06	2	1087.553	-0.44	Visceras	X:-:2905549-2905523	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_112140	LPYSPFGTK	AGAP000170-PA	-	53	6.24E-05	1	1009.534	-0.85	Head	X:-:2905609-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_112493	TLQMWYR	AGAP000170-PA	-	45	0.000341932	1	997.493	0.72	Visceras	X:-:2905132-2905112	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_112539	DKPEKLPYSPFGTK	AGAP000170-PA	-	79	1.71E-07	1	1606.849	0.74	Malpighian tubule	X:-:2905624-2905583	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_116023	LDDVLNWGR	AGAP000170-PA	-	58	2.07E-05	2	1087.555	1.58	Salivary gland	X:-:2905549-2905523	exon=> In CDS Exon 1 of transcript AGAP000170-PA
JHU_Ag_42136	WVISMGSCANGGGYYHYSYSVVR	AGAP000170-PA,AGAP003231-PA	M5(Oxidation), C8(Carbamidomethyl), N10(Deamidated)	70	5.51E-07	1	2630.134	-3.68	Midgut	X:-:2905312-2905244;2R:-:34059137-34059069	exon=> In CDS Exon 1 of transcript AGAP000170-PA;exon=> In CDS Exon 1 of transcript AGAP003231-PA
JHU_Ag_109008	WVISMGSCANGGGYYHYSYSVVR	AGAP000170-PA,AGAP003231-PA	M5(Oxidation), C8(Carbamidomethyl)	34	0.003419348	1	2629.171	4.05	Visceras	X:-:2905312-2905244;2R:-:34059137-34059069	exon=> In CDS Exon 1 of transcript AGAP000170-PA;exon=> In CDS Exon 1 of transcript AGAP003231-PA
JHU_Ag_1713	FLAGLYTVFER	AGAP000171-PA	-	65	4.76E-06	1	1315.710	4.33	Ovary	X:+:2916094-2916126	exon=> In CDS Exon 5 of transcript AGAP000171-PA
JHU_Ag_6124	NLLTLFQR	AGAP000171-PA	-	34	0.001603423	2	1004.593	4.08	Ovary	X:+:2921212-2921235	exon=> In CDS Exon 9 of transcript AGAP000171-PA
JHU_Ag_25076	SVFAETISKPQVTYNLK	AGAP000171-PA	-	63	3.41E-06	1	1925.044	2.96	Male reproductive organs	X:+:2915257-2915307	exon=> In CDS Exon 5 of transcript AGAP000171-PA
JHU_Ag_49902	LLGWLEQDVPER	AGAP000171-PA	-	53	6.26E-05	2	1454.764	0.31	Male reproductive organs	X:+:2916403-2916438	exon=> In CDS Exon 5 of transcript AGAP000171-PA
JHU_Ag_52477	WTPELR	AGAP000171-PA	-	31	0.00829154	2	801.432	7.62	Head	X:+:2915722-2915739	exon=> In CDS Exon 5 of transcript AGAP000171-PA
JHU_Ag_60528	SVSFTEGQLQR	AGAP000171-PA	-	46	0.000405818	2	1251.640	5.96	Malpighian tubule	X:+:2917095-2917127	exon=> In CDS Exon 6 of transcript AGAP000171-PA
JHU_Ag_64003	YLDLPVDPLAYLR	AGAP000171-PA	-	69	9.98E-07	1	1547.854	4.65	Ovary	X:+:2921530-2921568	exon=> In CDS Exon 9 of transcript AGAP000171-PA
JHU_Ag_73540	SVSFTEGQLQR	AGAP000171-PA	-	59	1.97E-05	2	1251.632	-0.47	Male reproductive organs	X:+:2917095-2917127	exon=> In CDS Exon 6 of transcript AGAP000171-PA
JHU_Ag_108285	SLFQPALPVR	AGAP000171-PA	-	36	0.001362787	2	1127.660	2.22	Male reproductive organs	X:+:2921677-2921706	exon=> In CDS Exon 9 of transcript AGAP000171-PA
JHU_Ag_116913	FLAGLYTVFER	AGAP000171-PA	-	39	0.002222559	2	1315.707	1.92	Midgut	X:+:2916094-2916126	exon=> In CDS Exon 5 of transcript AGAP000171-PA
JHU_Ag_3508	ITKHPEDNTVK	AGAP000173-PA	-	39	0.001713583	1	1281.680	0.04	Visceras	X:+:2939697-2939729	exon=> In CDS Exon 4 of transcript AGAP000173-PA
JHU_Ag_15354	ADQPTEEQLHR	AGAP000173-PA	-	42	0.001092193	2	1323.628	-0.36	Visceras	X:+:2939378-2939410	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_42250	ADQPTEEQLHR	AGAP000173-PA	-	43	0.000879629	2	1323.628	-0.64	Midgut	X:+:2939378-2939410	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_50614	LFVQPLDYSIYSPNLIFENNIR	AGAP000173-PA	-	65	2.88E-06	1	2655.383	0.49	Midgut	X:+:2939444-2939509	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_74638	FAYVTFEVLK	AGAP000173-PA	-	64	5.20E-06	2	1216.663	1.42	Visceras	X:+:2939667-2939696	exon=> In CDS Exon 4 of transcript AGAP000173-PA
JHU_Ag_83190	VYHVLSQTLPK	AGAP000173-PA	-	73	4.05E-07	1	1284.732	0.85	Head	X:+:2939411-2939443	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_87238	VYHVLSQTLPK	AGAP000173-PA	-	76	2.29E-07	1	1284.733	1.65	Malpighian tubule	X:+:2939411-2939443	exon=> In CDS Exon 3 of transcript AGAP000173-PA

JHU_Ag_88690	LKEIFDGQEAWYDGFSVLHVGADGLVSK	AGAP000173-PA	-	53	6.14E-05	1	3080.549	4.2	Visceras	X:+:2939802-2939830,2940858-2940912	exon=> In CDS Exon 4 and 5 of transcript AGAP000173-PA
JHU_Ag_96035	TEGLYHYVK	AGAP000173-PA	-	38	0.002341261	2	1109.558	-4.01	Head	X:+:2939519-2939523,2939609-2939630	exon=> In CDS Exon 3 and 4 of transcript AGAP000173-PA
JHU_Ag_96506	ADQPTEEQLHR	AGAP000173-PA	-	76	3.84E-07	1	1323.627	-1.01	Head	X:+:2939378-2939410	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_100865	VYHVLSQTLPK	AGAP000173-PA	-	74	2.84E-07	1	1284.732	0.89	Visceras	X:+:2939411-2939443	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_109765	VYHVLSQTLPK	AGAP000173-PA	-	69	1.00E-06	1	1284.729	-1.58	Midgut	X:+:2939411-2939443	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_114258	ADQPTEEQLHR	AGAP000173-PA	-	40	0.001465053	2	1323.631	1.67	Pupa	X:+:2939378-2939410	exon=> In CDS Exon 3 of transcript AGAP000173-PA
JHU_Ag_42491	QEIEVLR	AGAP000175-PA	-	46	0.000328435	1	886.501	1.89	Midgut	X:+:2950070-2950090	exon=> In CDS Exon 5 of transcript AGAP000175-PA
JHU_Ag_2024	YSVWLPDGR	AGAP000177-PA	-	51	0.000137003	2	1092.550	2.21	Visceras	X:+:2980728-2980754	exon=> In CDS Exon 3 of transcript AGAP000177-PA
JHU_Ag_32779	YSVWLPDGR	AGAP000177-PA	-	40	0.001727886	1	1092.546	-0.91	Head	X:+:2980728-2980754	exon=> In CDS Exon 3 of transcript AGAP000177-PA
JHU_Ag_4149	SLVEIIEHGLVDEQQK	AGAP000178-PA	-	39	0.00120642	1	1836.982	6.28	Larva	X:+:2989962-2990009	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_21271	AIVNVIGMTK	AGAP000178-PA	M8(Oxidation)	42	0.000454279	2	1061.602	-0.64	Ovary	X:+:2990904-2990933	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_22159	VGASEIVNR	AGAP000178-PA	-	77	3.80E-07	2	944.516	-0.43	Ovary	X:+:2990439-2990465	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_36795	ICFELLELLK	AGAP000178-PA	C2(Carbamidomethyl)	43	0.000282407	2	1277.723	4.22	Ovary	X:+:2991081-2991110	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_42858	AAGLATMISTMRPDIDNIDEYVR	AGAP000178-PA	M7(Oxidation), M11(Oxidation)	58	2.40E-05	1	2584.237	-0.42	Ovary	X:+:2989716-2989784	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_60133	DGSLKINSTAQAAKPAPVEAK	AGAP000178-PA	-	50	6.82E-05	1	2096.143	3.97	Malpighian tubule	X:+:2988330-2988392	exon=> In CDS Exon 5 of transcript AGAP000178-PA
JHU_Ag_61847	AAGLATMISTMRPDIDNIDEYVR	AGAP000178-PA	M7(Oxidation), M11(Oxidation)	65	5.11E-06	1	2584.235	-1.27	Midgut	X:+:2989716-2989784	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_69214	HLLVK	AGAP000178-PA	-	31	0.000933661	1	609.408	-0.63	Head	X:+:2989557-2989571	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_75675	AIGPHDVLATLLNNLK	AGAP000178-PA	-	73	9.29E-08	1	1688.973	2.35	Ovary	X:+:2991168-2991215	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_76583	SLVEIIEHGLVDEQQK	AGAP000178-PA	-	37	0.001860904	1	1836.970	0.1	Ovary	X:+:2989962-2990009	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_79460	LDDLVRPYVHK	AGAP000178-PA	-	32	0.00555643	1	1354.745	-2.17	Ovary	X:+:2989596-2989628	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_81151	VPELNVQNGVLK	AGAP000178-PA	-	48	6.45E-05	2	1309.747	-0.56	Ovary	X:+:2991321-2991356	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_85558	SLVEIIEHGLVDEQQK	AGAP000178-PA	-	63	3.68E-06	2	1836.986	8.51	Midgut	X:+:2989962-2990009	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_85777	VSGDGVLLEGTTPASK	AGAP000178-PA	-	39	0.001746243	2	1530.803	1.2	Ovary	X:+:2988795-2988842	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_97137	VQENCIDLVGR	AGAP000178-PA	C5(Carbamidomethyl)	48	0.000285549	2	1302.647	0.2	Ovary	X:+:2991000-2991032	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_104926	AFAVVASALGIPSLLPFLK	AGAP000178-PA	-	46	1.25E-05	2	1914.148	0.77	Midgut	X:+:2989800-2989856	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_111989	SLVEIIEHGLVDEQQKVR	AGAP000178-PA	-	69	5.39E-07	1	2092.151	5.52	Malpighian tubule	X:+:2989962-2990015	exon=> In CDS Exon 6 of transcript AGAP000178-PA
JHU_Ag_113552	VPELNVQNGVLK	AGAP000178-PA	-	42	0.000354	2	1309.746	-1.22	Midgut	X:+:2991321-2991356	exon=> In CDS Exon 6 of transcript AGAP000178-PA

JHU_Ag_2806	KPEQVGHCTACLTGDYPGGLPDELEW	AGAP000179-PC,AGAP000179-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	68	1.46E-06	1	2929.319	1.92	Malpighian tubule	X:-:2993175-2993098;X:-:2993175-2993098	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_5019	EVQPGEIVELTR	AGAP000179-PC,AGAP000179-PA	-	83	4.26E-08	1	1369.737	3.64	Malpighian tubule	X:-:2993940-2993905;X:-:2993940-2993905	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_6063	LNAEELAK	AGAP000179-PC,AGAP000179-PA	-	43	0.000869487	1	887.483	-0.41	Visceras	X:-:2993277-2993254;X:-:2993277-2993254	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_7567	YVGADSLAYLSVDGLKK	AGAP000179-PC,AGAP000179-PA	-	89	1.31E-08	2	1798.958	-0.11	Head	X:-:2993253-2993203;X:-:2993253-2993203	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_7912	TFIQPSTR	AGAP000179-PC,AGAP000179-PA	-	42	0.001064179	1	949.510	-0.53	Malpighian tubule	X:-:2993538-2993515;X:-:2993538-2993515	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_9938	GQESAGIVTSEGHCAK	AGAP000179-PC,AGAP000179-PA	C14(Carbamidomethyl)	78	1.75E-07	1	1630.752	1.67	Head	X:-:2994615-2994568;X:-:2994615-2994568	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_12803	TIDIIDCPENRR	AGAP000179-PC,AGAP000179-PA	C7(Carbamidomethyl)	53	8.21E-05	1	1501.745	1.23	Visceras	X:-:2993892-2993857;X:-:2993892-2993857	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_16463	LVLIDDSIVR	AGAP000179-PC,AGAP000179-PA	-	37	0.001363872	2	1142.679	1.08	Malpighian tubule	X:-:2993451-2993422;X:-:2993451-2993422	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_17878	DAGALEVHIR	AGAP000179-PC,AGAP000179-PA	-	70	1.19E-06	2	1080.580	0.18	Salivary gland	X:-:2993385-2993356;X:-:2993385-2993356	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_21636	DAGALEVHIR	AGAP000179-PC,AGAP000179-PA	-	34	0.004146654	3	1080.580	0.16	Head	X:-:2993385-2993356;X:-:2993385-2993356	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_23790	KPEQVGHCTACLTGDYPGGLPDELEW	AGAP000179-PC,AGAP000179-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	41	0.000864644	1	2929.329	5.24	Head	X:-:2993175-2993098;X:-:2993175-2993098	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_25233	LVLIDDSIVR	AGAP000179-PC,AGAP000179-PA	-	29	0.008313305	2	1142.678	0.01	Head	X:-:2993451-2993422;X:-:2993451-2993422	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_27295	IASPPLLYPCYMGINIPTR	AGAP000179-PC,AGAP000179-PA	C10(Carbamidomethyl)	46	0.00027077	1	2176.134	2.03	Visceras	X:-:2993355-2993299;X:-:2993355-2993299	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_27459	GQESAGIVTSEGHCAK	AGAP000179-PC,AGAP000179-PA	C14(Carbamidomethyl)	119	1.53E-11	1	1630.749	-0.28	Visceras	X:-:2994615-2994568;X:-:2994615-2994568	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA

JHU_Ag_28629	LVLIDDSIVRGNTIGPIIK	AGAP000179-PC,AGAP000179-PA	-	47	1.30E-05	1	2036.224	5.94	Malpighian tubule	X:-:2993451-2993395;X:-:2993451-2993395	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_35249	YVGADSLAYLSVDGLKK	AGAP000179-PC,AGAP000179-PA	-	100	9.76E-10	1	1798.962	1.73	Malpighian tubule	X:-:2993253-2993203;X:-:2993253-2993203	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_35430	GVGLSTHSDSELITQALCLNPPEGEVDGPDWPAR	AGAP000179-PC,AGAP000179-PA	C18(Carbamidomethyl)	39	0.001600558	1	3617.713	-1.38	Visceras	X:-:2994333-2994232;X:-:2994333-2994232	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_36968	KPEQVGHCTACLTGDYPGGLPDELEW	AGAP000179-PC,AGAP000179-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	109	1.19E-10	1	2929.317	1.11	Visceras	X:-:2993175-2993098;X:-:2993175-2993098	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_37595	LRQLGVAK	AGAP000179-PC,AGAP000179-PA	-	37	0.00070156	1	884.568	0.29	Malpighian tubule	X:-:2993514-2993491;X:-:2993514-2993491	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_40939	RLVLIDDSIVR	AGAP000179-PC,AGAP000179-PA	-	75	1.15E-07	1	1298.776	-2.56	Head	X:-:2993454-2993422;X:-:2993454-2993422	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_41211	IVPLTIGAYRNEK	AGAP000179-PC,AGAP000179-PA	-	49	6.42E-05	1	1473.847	2.9	Malpighian tubule	X:-:2994117-2994864,2993671-2994022;X:-:2994117-2994868,2993671-2994022	exon=> In CDS Exon 2 and 1 of transcript AGAP000179-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP000179-PA
JHU_Ag_41542	EAGVDADIVSSVPESGTAAAHGFAR	AGAP000179-PC,AGAP000179-PA	-	130	1.59E-12	1	2414.165	2.67	Malpighian tubule	X:-:2993748-2993674;X:-:2993748-2993674	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_41902	SDSIFEGQMVYSVR	AGAP000179-PC,AGAP000179-PA	M9(Oxidation)	104	4.47E-10	1	1633.760	4.57	Malpighian tubule	X:-:2993817-2993776;X:-:2993817-2993776	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_42025	GNLGIGHTR	AGAP000179-PC,AGAP000179-PA	-	63	3.82E-06	2	924.501	-0.01	Malpighian tubule	X:-:2994495-2994469;X:-:2994495-2994469	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_47030	IVPLTIGAYR	AGAP000179-PC,AGAP000179-PA	-	43	0.000164749	2	1102.665	2.73	Salivary gland	X:-:2994117-2994088;X:-:2994117-2994088	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_52666	EAGVDADIVSSVPESGTAAAHGFAR	AGAP000179-PC,AGAP000179-PA	-	88	2.95E-08	1	2414.162	1.53	Visceras	X:-:2993748-2993674;X:-:2993748-2993674	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_55014	LNFAEVLCK	AGAP000179-PC,AGAP000179-PA	C8(Carbamidomethyl)	68	2.30E-06	1	1093.574	2.23	Malpighian tubule	X:-:2993583-2993557;X:-:2993583-2993557	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA

JHU_Ag_55361	LNFAEVLCK	AGAP000179-PC,AGAP000179-PA	C8(Carbamidomethyl)	71	1.13E-06	1	1093.571	-0.11	Visceras	X:-:2993583-2993557;X:-:2993583-2993557	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_56053	FGALSENVAGKR	AGAP000179-PC,AGAP000179-PA	-	84	5.17E-08	1	1248.672	2.07	Malpighian tubule	X:-:2993487-2993452;X:-:2993487-2993452	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_56215	GNTIGPIIK	AGAP000179-PC,AGAP000179-PA	-	41	0.000356274	2	912.550	-1.03	Visceras	X:-:2993421-2993395;X:-:2993421-2993395	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_56426	YVGADSLAYLSVDGLKK	AGAP000179-PC,AGAP000179-PA	-	42	0.000769123	1	1798.958	-0.59	Ovary	X:-:2993253-2993203;X:-:2993253-2993203	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_56988	EAGVDADIVSSVPESGTAAAHGFAR	AGAP000179-PC,AGAP000179-PA	-	75	6.05E-07	1	2414.163	1.98	Head	X:-:2993748-2993674;X:-:2993748-2993674	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_59661	DAGALEVHIR	AGAP000179-PC,AGAP000179-PA	-	45	0.000378804	2	1080.578	-1.18	Visceras	X:-:2993385-2993356;X:-:2993385-2993356	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_62069	FGALSENVAGK	AGAP000179-PC,AGAP000179-PA	-	47	0.000277544	2	1092.567	-1.73	Visceras	X:-:2993487-2993455;X:-:2993487-2993455	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_65569	LKGNLGIGHTR	AGAP000179-PC,AGAP000179-PA	-	53	1.92E-05	1	1165.680	-0.48	Malpighian tubule	X:-:2994501-2994469;X:-:2994501-2994469	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_67292	FGALSENVAGK	AGAP000179-PC,AGAP000179-PA	-	56	3.43E-05	2	1092.568	-0.5	Ovary	X:-:2993487-2993455;X:-:2993487-2993455	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_75645	IVPLTIGAYR	AGAP000179-PC,AGAP000179-PA	-	40	0.000476945	2	1102.662	-0.03	Ovary	X:-:2994117-2994088;X:-:2994117-2994088	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_79208	HAFCIFEYVYFAR	AGAP000179-PC,AGAP000179-PA	C4(Carbamidomethyl)	41	0.001095315	3	1722.814	2.39	Malpighian tubule	X:-:2993856-2993818;X:-:2993856-2993818	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_79730	TIDIIDCPENRR	AGAP000179-PC,AGAP000179-PA	C7(Carbamidomethyl)	36	0.004240472	1	1501.746	2.29	Malpighian tubule	X:-:2993892-2993857;X:-:2993892-2993857	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_84483	GVGLSTHSDSELITQALCLNPPEGEVDGPDWPAR	AGAP000179-PC,AGAP000179-PA	C18(Carbamidomethyl)	70	1.26E-06	1	3617.729	2.98	Malpighian tubule	X:-:2994333-2994232;X:-:2994333-2994232	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_86191	KFGALSENVAGK	AGAP000179-PC,AGAP000179-PA	-	31	0.008475514	1	1220.662	-1.34	Head	X:-:2993490-2993455;X:-:2993490-2993455	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA

JHU_Ag_87385	GQESAGIVTSEGHCAK	AGAP000179-PC,AGAP000179-PA	C14(Carbamidomethyl)	96	3.25E-09	1	1630.752	1.59	Malpighian tubule	X:-:2994615-2994568;X:-:2994615-2994568	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_93652	LVLIDDSIVR	AGAP000179-PC,AGAP000179-PA	-	57	1.37E-05	2	1142.677	-0.95	Visceras	X:-:2993451-2993422;X:-:2993451-2993422	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_96243	DAGALEVHIR	AGAP000179-PC,AGAP000179-PA	-	73	6.47E-07	1	1080.580	0.4	Malpighian tubule	X:-:2993385-2993356;X:-:2993385-2993356	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_105501	LNAEELAK	AGAP000179-PC,AGAP000179-PA	-	53	9.15E-05	2	887.483	-0.55	Ovary	X:-:2993277-2993254;X:-:2993277-2993254	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_113459	YSTSAASEEVNCQPFVVHTAHGALAVAHNGELVNCESLR	AGAP000179-PC,AGAP000179-PA	C12(Carbamidomethyl), C35(Carbamidomethyl)	125	3.28E-12	1	4224.988	1.23	Visceras	X:-:2994468-2994352;X:-:2994468-2994352	exon=> In CDS Exon 1 of transcript AGAP000179-PC;exon=> In CDS Exon 2 of transcript AGAP000179-PA
JHU_Ag_115643	EVQPGEIVELTR	AGAP000179-PC,AGAP000179-PA	-	34	0.0033764	2	1369.734	1.06	Ovary	X:-:2993940-2993905;X:-:2993940-2993905	exon=> In CDS Exon 2 of transcript AGAP000179-PC;exon=> In CDS Exon 3 of transcript AGAP000179-PA
JHU_Ag_116391	LNFAEVLCK	AGAP000179-PC,AGAP000179-PA	C8(Carbamidomethyl)	42	0.000676365	2	1093.572	1.11	Salivary gland	X:-:2993583-2993557;X:-:2993583-2993557	exon=> In CDS Exon 3 of transcript AGAP000179-PC;exon=> In CDS Exon 4 of transcript AGAP000179-PA
JHU_Ag_1035	NLANVTAADLDVVKR	AGAP000180-PA	-	112	5.75E-11	1	1598.888	1.16	Ovary	X:+:3001188-3001232	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_3576	VETFFKDDANDDPQWSEEQIVCAGFK	AGAP000180-PA	C22(Carbamidomethyl)	46	0.000220805	3	3075.357	-3.39	Visceras	X:+:3000781-3000858	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_7113	MISDNAFLAR	AGAP000180-PA	M1(Oxidation)	52	0.000101903	1	1153.569	1.99	Malpighian tubule	X:+:3000643-3000672	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_12022	NLANVTAADLDVVKR	AGAP000180-PA	-	121	5.57E-12	1	1598.894	4.98	Salivary gland	X:+:3001188-3001232	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_13055	KCDMVPIEWVTR	AGAP000180-PA	C2(Carbamidomethyl)	41	0.001454509	2	1533.752	-2	Malpighian tubule	X:+:3000673-3000708	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_24871	QTTALVFEVLER	AGAP000180-PA	-	59	1.35E-05	2	1405.767	-1.06	Midgut	X:+:3000993-3001028	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_25682	ATVTEVGGIK	AGAP000180-PA	N-Term(Acetyl)	59	1.77E-05	1	1016.565	2.41	Malpighian tubule	X:+:3000249-3000264,3000416-3000429	exon=> In CDS Exon 1 and 2 of transcript AGAP000180-PA
JHU_Ag_31009	ATVTEVGGIK	AGAP000180-PA	N-Term(Acetyl)	94	7.32E-09	2	1016.562	0.18	Salivary gland	X:+:3000249-3000264,3000416-3000429	exon=> In CDS Exon 1 and 2 of transcript AGAP000180-PA
JHU_Ag_35032	ATVTEVGGIK	AGAP000180-PA	N-Term(Acetyl)	73	7.19E-07	1	1016.564	1.69	Ovary	X:+:3000249-3000264,3000416-3000429	exon=> In CDS Exon 1 and 2 of transcript AGAP000180-PA
JHU_Ag_37233	MISDNAFLAR	AGAP000180-PA	M1(Oxidation)	65	4.73E-06	1	1153.568	1.04	Ovary	X:+:3000643-3000672	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_38150	VETFFKDDANDDPQWSEEQIVCAGFK	AGAP000180-PA	C22(Carbamidomethyl)	89	1.41E-08	1	3075.382	4.47	Ovary	X:+:3000781-3000858	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_49826	NLANVTAADLDVVKR	AGAP000180-PA	-	117	1.59E-11	1	1598.889	1.77	Malpighian tubule	X:+:3001188-3001232	exon=> In CDS Exon 3 of transcript AGAP000180-PA

JHU_Ag_51581	NFLIWSK	AGAP000180-PA	-	40	0.000700909	2	907.503	-0.41	Salivary gland	X:+:3001671-3001691	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_52224	VNGVTIGQDEVDIMR	AGAP000180-PA	Q8(Deamidated), M14(Oxidation),M14(Oxidation),"N2(Deamidated), M14(Oxidation)"	80	1.71E-07	2	1661.818	0.91	Salivary gland	X:+:3000859-3000877,3000967-3000992	exon=> In CDS Exon 2 and 3 of transcript AGAP000180-PA
JHU_Ag_53699	NFLIWSK	AGAP000180-PA	-	45	0.000226908	1	907.507	3.91	Head	X:+:3001671-3001691	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_55285	ATVTEVGGIK	AGAP000180-PA	N-Term(Acetyl)	61	1.52E-05	2	1016.561	-1.2	Male reproductive organs	X:+:3000249-3000264,3000416-3000429	exon=> In CDS Exon 1 and 2 of transcript AGAP000180-PA
JHU_Ag_64014	QVYDVPSMPGHSILLNK	AGAP000180-PA	M8(Oxidation)	40	0.001389643	1	1913.982	1.75	Ovary	X:+:3000463-3000513	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_69682	KCDMVPIEWVTR	AGAP000180-PA	C2(Carbamidomethyl), M4(Oxidation)	48	0.000263466	2	1549.750	-0.2	Salivary gland	X:+:3000673-3000708	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_69691	HCAALGLNAELR	AGAP000180-PA	C2(Carbamidomethyl)	59	1.58E-05	2	1324.679	-0.07	Head	X:+:3001347-3001382	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_75496	ITAHNGVR	AGAP000180-PA	-	34	0.002279685	1	867.478	-2.28	Head	X:+:3000520-3000543	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_79631	HCAALGLNAELR	AGAP000180-PA	C2(Carbamidomethyl)	62	8.58E-06	2	1324.683	2.79	Salivary gland	X:+:3001347-3001382	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_82102	QTTALVFEVLER	AGAP000180-PA	-	83	4.68E-08	1	1405.770	0.68	Ovary	X:+:3000993-3001028	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_85190	VFTLLNR	AGAP000180-PA	-	44	0.00026237	2	862.514	-0.26	Salivary gland	X:+:3000595-3000615	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_85295	GTQTTLHMVSEYESVLSELVFITVAGR	AGAP000180-PA	M8(Oxidation)	111	8.08E-11	1	2983.514	1.83	Ovary	X:+:3001401-3001481	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_85375	NLANVTAADLDVVK	AGAP000180-PA	-	61	7.37E-06	2	1442.785	-0.29	Salivary gland	X:+:3001188-3001229	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_87049	VATGSYLKR	AGAP000180-PA	-	51	4.13E-05	2	994.556	-12.46	Salivary gland	X:+:3000712-3000738	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_88932	VFTLLNR	AGAP000180-PA	-	39	0.000741162	2	862.515	1.09	Pupa	X:+:3000595-3000615	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_91909	VFTLLNR	AGAP000180-PA	-	43	0.00030968	1	862.516	1.58	Malpighian tubule	X:+:3000595-3000615	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_92093	QTTALVFEVLER	AGAP000180-PA	-	62	5.89E-06	2	1405.771	1.98	Head	X:+:3000993-3001028	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_94196	VNGVTIGQDEVDIMR	AGAP000180-PA	M14(Oxidation)	110	1.78E-10	2	1661.823	3.77	Ovary	X:+:3000859-3000877,3000967-3000992	exon=> In CDS Exon 2 and 3 of transcript AGAP000180-PA
JHU_Ag_96917	MISDNAFLAR	AGAP000180-PA	M1(Oxidation)	44	0.000544271	2	1153.571	3.16	Larva	X:+:3000643-3000672	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_101292	ATVTEVGGIKTGK	AGAP000180-PA	N-Term(Acetyl)	75	3.05E-07	1	1302.727	0.33	Malpighian tubule	X:+:3000249-3000264,3000416-3000438	exon=> In CDS Exon 1 and 2 of transcript AGAP000180-PA
JHU_Ag_104137	QTTALVFEVLER	AGAP000180-PA	-	76	2.76E-07	2	1405.773	3.46	Salivary gland	X:+:3000993-3001028	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_108137	NFLIWSK	AGAP000180-PA	-	34	0.0026906	1	907.507	4.17	Ovary	X:+:3001671-3001691	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_109469	NFLIWSK	AGAP000180-PA	-	42	0.000483965	2	907.503	-0.27	Visceras	X:+:3001671-3001691	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_110404	ITAHNGVR	AGAP000180-PA	N5(Deamidated)	46	0.000215472	2	868.464	0.6	Salivary gland	X:+:3000520-3000543	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_111012	VFTLLNR	AGAP000180-PA	-	51	5.03E-05	2	862.516	1.44	Ovary	X:+:3000595-3000615	exon=> In CDS Exon 2 of transcript AGAP000180-PA

JHU_Ag_111592	NLANVTAADLDVVK	AGAP000180-PA	-	97	1.78E-09	2	1442.786	0.81	Ovary	X:+:3001188-3001229	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_113232	NFLIWSK	AGAP000180-PA	-	40	0.000758252	2	907.504	0.4	Male reproductive organs	X:+:3001671-3001691	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_116663	MISDNAFLAR	AGAP000180-PA	M1(Oxidation)	55	4.53E-05	2	1153.568	0.83	Salivary gland	X:+:3000643-3000672	exon=> In CDS Exon 2 of transcript AGAP000180-PA
JHU_Ag_117013	QTTALVFEVLER	AGAP000180-PA	-	62	5.87E-06	2	1405.773	2.77	Pupa	X:+:3000993-3001028	exon=> In CDS Exon 3 of transcript AGAP000180-PA
JHU_Ag_59213	SAAGDAATTTK	AGAP000181-PA	-	54	5.54E-05	2	993.483	-1.59	Male reproductive organs	X:+:3005057-3005089	exon=> In CDS Exon 1 of transcript AGAP000181-PA
JHU_Ag_2467	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	80	1.19E-07	2	1945.890	2.17	Salivary gland	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_5653	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	94	4.34E-09	1	1691.882	3.93	Midgut	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_6684	VLASNIGEMMPLVYTPTVGLACQK	AGAP000184-PA,AGAP000184-PB	M9(Oxidation), M10(Oxidation), C22(Carbamidomethyl)	38	0.002179071	3	2624.316	1.17	Midgut	X:+:3019898-3019969;X:+:3019898-3019969	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_7183	TEEEQVQHCLELLK	AGAP000184-PA,AGAP000184-PB	C9(Carbamidomethyl)	82	1.04E-07	1	1755.857	-0.93	Malpighian tubule	X:+:3019781-3019822;X:+:3019781-3019822	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_7648	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	92	7.67E-09	2	1945.892	2.73	Male reproductive organs	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_7665	ILGLGDLGANGMGIPVGK	AGAP000184-PA,AGAP000184-PB	N10(Deamidated), M12(Oxidation),M12(Oxidation)	97	1.59E-09	1	1697.925	-0.29	Midgut	X:+:3020099-3020152;X:+:3020099-3020152	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_8825	LAEIVTDDDLER	AGAP000184-PA,AGAP000184-PB	-	78	2.24E-07	1	1388.691	0.2	Head	X:+:3021089-3021124;X:+:3021089-3021124	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_9018	QVLGIHGLMPAIVR	AGAP000184-PA,AGAP000184-PB	M9(Oxidation)	34	0.00083567	2	1503.884	0.46	Midgut	X:+:3019739-3019780;X:+:3019739-3019780	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_9358	AECTAEQAYEHTDGR	AGAP000184-PA,AGAP000184-PB	C3(Carbamidomethyl)	109	4.38E-11	1	1737.716	1.44	Head	X:+:3020876-3020920;X:+:3020876-3020920	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_12738	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	128	2.26E-12	1	1691.878	1.4	Malpighian tubule	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_13060	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	99	1.63E-09	2	1691.878	1.54	Pupa	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_14835	YIYLMGLLDR	AGAP000184-PA,AGAP000184-PB	M5(Oxidation)	67	3.35E-06	1	1272.666	0.27	Malpighian tubule	X:+:3019847-3019876;X:+:3019847-3019876	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_15609	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	88	1.83E-08	1	1945.890	2.11	Pupa	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_15988	LAEIVTDDDLER	AGAP000184-PA,AGAP000184-PB	-	76	3.62E-07	2	1388.689	-1.12	Midgut	X:+:3021089-3021124;X:+:3021089-3021124	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_18249	VTGPAYDEFVQEFMEAAVR	AGAP000184-PA,AGAP000184-PB	M14(Oxidation)	148	2.44E-14	1	2175.015	3.81	Malpighian tubule	X:+:3020279-3020335;X:+:3020279-3020335	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB

JHU_Ag_19942	ILGLGDLGANGMGIPVGK	AGAP000184-PA,AGAP000184-PB	M12(Oxidation)	96	2.17E-09	1	1697.926	0	Head	X:+:3020099-3020152;X:+:3020099-3020152	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_20025	HYTDPLNK	AGAP000184-PA,AGAP000184-PB	-	42	0.000559764	1	987.485	-4.76	Head	X:+:3019823-3019846;X:+:3019823-3019846	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_22319	GLSFSIEER	AGAP000184-PA,AGAP000184-PB	-	44	0.000602799	2	1037.526	-0.55	Midgut	X:+:3019712-3019738;X:+:3019712-3019738	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_22626	TMAANNERPVIFALSNPTSK	AGAP000184-PA,AGAP000184-PB	M2(Oxidation)	147	2.63E-14	1	2177.104	1.09	Malpighian tubule	X:+:3020816-3020875;X:+:3020816-3020875	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_23387	VLFQGAGEAALGIAQLCVMAMK	AGAP000184-PA,AGAP000184-PB	C17(Carbamidomethyl), M19(Oxidation), M21(Oxidation)	59	1.73E-05	1	2310.171	2.41	Malpighian tubule	X:+:3020522-3020587;X:+:3020522-3020587	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_25095	LGQWAAESDGEIAGSIAGFDR	AGAP000184-PA,AGAP000184-PB	-	112	8.73E-11	2	2150.024	4.28	Head	X:+:3015773-3015835;X:+:3015773-3015835	exon=> In CDS Exon 2 of transcript AGAP000184-PA;exon=> In CDS Exon 2 of transcript AGAP000184-PB
JHU_Ag_25514	GLSFSIEER	AGAP000184-PA,AGAP000184-PB	-	40	0.001643817	2	1037.527	0.39	Pupa	X:+:3019712-3019738;X:+:3019712-3019738	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_26598	YIYLMGLLDR	AGAP000184-PA,AGAP000184-PB	M5(Oxidation)	54	5.49E-05	1	1272.667	0.66	Midgut	X:+:3019847-3019876;X:+:3019847-3019876	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_28472	VTGPAYDEFVQEFMEAAVR	AGAP000184-PA,AGAP000184-PB	M14(Oxidation)	106	3.11E-10	1	2175.010	1.68	Head	X:+:3020279-3020335;X:+:3020279-3020335	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_29152	RDGLTEEEAR	AGAP000184-PA,AGAP000184-PB	-	63	6.56E-06	1	1175.561	-3.58	Head	X:+:3020588-3020617;X:+:3020588-3020617	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_29229	TMAANNERPVIFALSNPTSK	AGAP000184-PA,AGAP000184-PB	M2(Oxidation)	81	1.14E-07	1	2177.100	-1.1	Male reproductive organs	X:+:3020816-3020875;X:+:3020816-3020875	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_29675	VLASNIGEMMPLVYTPTVGLACQK	AGAP000184-PA,AGAP000184-PB	M9(Oxidation), M10(Oxidation), C22(Carbamidomethyl)	82	7.82E-08	1	2624.314	0.19	Malpighian tubule	X:+:3019898-3019969;X:+:3019898-3019969	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_36654	TMAANNERPVIFALSNPTSK	AGAP000184-PA,AGAP000184-PB	M2(Oxidation)	101	1.03E-09	1	2177.101	-0.51	Midgut	X:+:3020816-3020875;X:+:3020816-3020875	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_40187	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	108	2.07E-10	1	1945.896	4.81	Ovary	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_43418	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	123	5.62E-12	2	1691.883	4.58	Head	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_44233	IWLVDSK	AGAP000184-PA,AGAP000184-PB	-	53	8.58E-05	1	860.487	-0.5	Midgut	X:+:3020624-3020644;X:+:3020624-3020644	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_44990	QVLGIHGLMPAIVR	AGAP000184-PA,AGAP000184-PB	M9(Oxidation)	40	0.000256663	1	1519.884	4.36	Malpighian tubule	X:+:3019739-3019780;X:+:3019739-3019780	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_45698	GLSFSIEER	AGAP000184-PA,AGAP000184-PB	-	38	0.002772384	2	1037.527	0.75	Head	X:+:3019712-3019738;X:+:3019712-3019738	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB

JHU_Ag_45729	HLFAHEHAPVGTLLEAVR	AGAP000184-PA,AGAP000184-PB	-	105	2.83E-10	1	1997.070	-0.92	Midgut	X:+:3020693-3020746;X:+:3020693-3020746	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_46897	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	104	4.79E-10	2	1691.881	3.2	Visceras	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_47331	LAEIVTDDDLER	AGAP000184-PA,AGAP000184-PB	-	85	4.96E-08	1	1388.692	1.17	Pupa	X:+:3021089-3021124;X:+:3021089-3021124	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_52558	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	108	1.91E-10	1	1945.886	0.04	Midgut	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_52914	LGQWAAESDGEIAGSIAGFDR	AGAP000184-PA,AGAP000184-PB	-	75	4.80E-07	2	2150.020	2.12	Pupa	X:+:3015773-3015835;X:+:3015773-3015835	exon=> In CDS Exon 2 of transcript AGAP000184-PA;exon=> In CDS Exon 2 of transcript AGAP000184-PB
JHU_Ag_53927	VVGNELQSVK	AGAP000184-PA,AGAP000184-PB	-	44	0.000553684	2	1072.604	4.24	Malpighian tubule	X:+:3015536-3015565;X:+:3015536-3015565	exon=> In CDS Exon 2 of transcript AGAP000184-PA;exon=> In CDS Exon 2 of transcript AGAP000184-PB
JHU_Ag_56465	TEEEQVQHCLELLK	AGAP000184-PA,AGAP000184-PB	C9(Carbamidomethyl)	70	1.56E-06	1	1755.856	-1.48	Midgut	X:+:3019781-3019822;X:+:3019781-3019822	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_56789	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	151	9.00E-15	1	1945.886	0.04	Head	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_57562	GMYITINDK	AGAP000184-PA,AGAP000184-PB	M2(Oxidation)	60	8.80E-06	1	1070.520	1.26	Malpighian tubule	X:+:3019997-3020023;X:+:3019997-3020023	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_57898	VVGNELQSVKQQPSQR	AGAP000184-PA,AGAP000184-PB	-	37	0.001667309	1	1796.965	1.9	Malpighian tubule	X:+:3015536-3015583;X:+:3015536-3015583	exon=> In CDS Exon 2 of transcript AGAP000184-PA;exon=> In CDS Exon 2 of transcript AGAP000184-PB
JHU_Ag_58980	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	87	2.54E-08	2	1691.881	3.49	Salivary gland	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_59505	LGQWAAESDGEIAGSIAGFDR	AGAP000184-PA,AGAP000184-PB	-	99	1.74E-09	2	2150.027	5.64	Malpighian tubule	X:+:3015773-3015835;X:+:3015773-3015835	exon=> In CDS Exon 2 of transcript AGAP000184-PA;exon=> In CDS Exon 2 of transcript AGAP000184-PB
JHU_Ag_64495	ILGLGDLGANGMGIPVGK	AGAP000184-PA,AGAP000184-PB	M12(Oxidation)	40	0.0007077	1	1697.935	5.68	Salivary gland	X:+:3020099-3020152;X:+:3020099-3020152	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_66332	LAEIVTDDDLER	AGAP000184-PA,AGAP000184-PB	-	64	6.51E-06	1	1388.695	3.45	Ovary	X:+:3021089-3021124;X:+:3021089-3021124	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_67232	YIYLMGLLDR	AGAP000184-PA,AGAP000184-PB	-	60	1.18E-05	2	1256.672	0.99	Pupa	X:+:3019847-3019876;X:+:3019847-3019876	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_69252	TEEEQVQHCLELLK	AGAP000184-PA,AGAP000184-PB	C9(Carbamidomethyl)	90	1.48E-08	1	1755.862	2.2	Ovary	X:+:3019781-3019822;X:+:3019781-3019822	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_69654	HLFAHEHAPVGTLLEAVR	AGAP000184-PA,AGAP000184-PB	-	37	0.001595353	1	1997.078	3.2	Head	X:+:3020693-3020746;X:+:3020693-3020746	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_69972	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	96	2.80E-09	2	1691.880	3.06	Ovary	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB

JHU_Ag_70149	VTGPAYDEFVQEFMEAAVR	AGAP000184-PA,AGAP000184-PB	M14(Oxidation)	105	4.66E-10	1	2175.013	3.25	Larva	X:+:3020279-3020335;X:+:3020279-3020335	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_70454	TEEEQVQHCLELLK	AGAP000184-PA,AGAP000184-PB	C9(Carbamidomethyl)	41	0.001206816	1	1755.866	4.63	Salivary gland	X:+:3019781-3019822;X:+:3019781-3019822	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_72066	ELKPTILIGAAAIAGAFTPEVLR	AGAP000184-PA,AGAP000184-PB	-	48	1.40E-05	1	2351.385	6.34	Salivary gland	X:+:3020747-3020815;X:+:3020747-3020815	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_72537	AECTAEQAYEHTDGR	AGAP000184-PA,AGAP000184-PB	C3(Carbamidomethyl)	114	1.57E-11	1	1737.719	3.48	Malpighian tubule	X:+:3020876-3020920;X:+:3020876-3020920	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_73165	IWLVDSK	AGAP000184-PA,AGAP000184-PB	-	34	0.006180 82	2	860.486	-1.93	Head	X:+:3020624-3020644;X:+:3020624-3020644	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_75306	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	93	7.04E-09	2	1691.877	0.9	Male reproductive organs	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_76620	DRPTGGISGHK	AGAP000184-PA,AGAP000184-PB	-	41	0.000815178	1	1124.583	1.61	Male reproductive organs	X:+:3020660-3020692;X:+:3020660-3020692	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_78438	TMAANNERPVIFALSNPTSK	AGAP000184-PA,AGAP000184-PB	M2(Oxidation)	85	4.00E-08	1	2177.103	0.5	Pupa	X:+:3020816-3020875;X:+:3020816-3020875	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_79936	GSLYPPLENIK	AGAP000184-PA,AGAP000184-PB	-	49	0.000160974	1	1230.675	1.48	Malpighian tubule	X:+:3021125-3021157;X:+:3021125-3021157	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_80252	ELKPTILIGAAAIAGAFTPEVLR	AGAP000184-PA,AGAP000184-PB	-	26	0.002361797	3	2351.387	7.12	Ovary	X:+:3020747-3020815;X:+:3020747-3020815	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_80694	LAEIVTDDDLER	AGAP000184-PA,AGAP000184-PB	-	69	1.88E-06	1	1388.688	-1.56	Male reproductive organs	X:+:3021089-3021124;X:+:3021089-3021124	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_81936	AEANQVPTHYSQPGAIGDRR	AGAP000184-PA,AGAP000184-PB	-	46	0.000390227	1	2167.062	-0.73	Head	X:+:3015614-3015673;X:+:3015614-3015673	exon=> In CDS Exon 2 of transcript AGAP000184-PA;exon=> In CDS Exon 2 of transcript AGAP000184-PB
JHU_Ag_84892	ELKPTILIGAAAIAGAFTPEVLR	AGAP000184-PA,AGAP000184-PB	-	86	2.66E-09	1	2351.375	2.36	Malpighian tubule	X:+:3020747-3020815;X:+:3020747-3020815	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_85278	TEEEQVQHCLELLK	AGAP000184-PA,AGAP000184-PB	C9(Carbamidomethyl)	103	7.49E-10	1	1755.861	1.57	Head	X:+:3019781-3019822;X:+:3019781-3019822	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_87155	GHVYEVLK	AGAP000184-PA,AGAP000184-PB	-	54	5.87E-05	1	944.521	1.34	Malpighian tubule	X:+:3020024-3020047;X:+:3020024-3020047	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_89017	RVTGPAYDEFVQEFMEAAVR	AGAP000184-PA,AGAP000184-PB	M15(Oxidation)	97	2.98E-09	1	2331.119	4.76	Malpighian tubule	X:+:3020276-3020335;X:+:3020276-3020335	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_90351	HLFAHEHAPVGTLLEAVR	AGAP000184-PA,AGAP000184-PB	-	113	4.67E-11	1	1997.075	1.46	Malpighian tubule	X:+:3020693-3020746;X:+:3020693-3020746	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_90487	DGLTEEEAR	AGAP000184-PA,AGAP000184-PB	-	47	0.000187086	2	1019.463	-1.33	Pupa	X:+:3020591-3020617;X:+:3020591-3020617	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB

JHU_Ag_90844	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	149	1.39E-14	1	1945.887	0.6	Visceras	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_91091	HDYCTFNDDIQGTASVAVAGLLASLR	AGAP000184-PA,AGAP000184-PB	C4(Carbamidomethyl)	52	9.41E-05	1	2794.356	3.19	Malpighian tubule	X:+:3020414-3020491;X:+:3020414-3020491	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_92254	VLASNIGEMMPLVYTPTVGLACQK	AGAP000184-PA,AGAP000184-PB	M9(Oxidation), C22(Carbamidomethyl)," M9(Oxidation), M10(Oxidation), C22(Carbamidomethyl)"	64	4.95E-06	1	2624.315	0.8	Head	X:+:3019898-3019969;X:+:3019898-3019969	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_92329	TEEEQVQHCLELLK	AGAP000184-PA,AGAP000184-PB	C9(Carbamidomethyl)	41	0.001285838	1	1755.860	1.11	Male reproductive organs	X:+:3019781-3019822;X:+:3019781-3019822	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_97637	GLSFSIEER	AGAP000184-PA,AGAP000184-PB	-	49	0.000228483	2	1037.527	0.28	Malpighian tubule	X:+:3019712-3019738;X:+:3019712-3019738	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_98828	DRPTGGISGHK	AGAP000184-PA,AGAP000184-PB	-	46	0.000299281	1	1124.581	0.57	Ovary	X:+:3020660-3020692;X:+:3020660-3020692	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_101174	ELKPTILIGAAAIAGAFTPEVLR	AGAP000184-PA,AGAP000184-PB	-	30	0.000899498	1	2351.374	1.98	Head	X:+:3020747-3020815;X:+:3020747-3020815	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_102436	DRPTGGISGHK	AGAP000184-PA,AGAP000184-PB	-	51	0.000102939	1	1124.582	1.06	Head	X:+:3020660-3020692;X:+:3020660-3020692	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_102763	LGQWAAESDGEIAGSIAGFDR	AGAP000184-PA,AGAP000184-PB	-	130	1.55E-12	1	2150.020	2.12	Midgut	X:+:3015773-3015835;X:+:3015773-3015835	exon=> In CDS Exon 2 of transcript AGAP000184-PA;exon=> In CDS Exon 2 of transcript AGAP000184-PB
JHU_Ag_103218	TMAANNERPVIFALSNPTSK	AGAP000184-PA,AGAP000184-PB	M2(Oxidation)	142	8.08E-14	1	2177.104	0.92	Head	X:+:3020816-3020875;X:+:3020816-3020875	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_104142	YSLVYQQPK	AGAP000184-PA,AGAP000184-PB	-	53	4.51E-05	2	1125.597	2.62	Male reproductive organs	X:+:3019970-3019996;X:+:3019970-3019996	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_105427	YSLVYQQPK	AGAP000184-PA,AGAP000184-PB	-	40	0.000895374	2	1125.593	-0.53	Pupa	X:+:3019970-3019996;X:+:3019970-3019996	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_106622	GHVYEVLK	AGAP000184-PA,AGAP000184-PB	-	37	0.002823863	1	944.519	-1.18	Pupa	X:+:3020024-3020047;X:+:3020024-3020047	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_107073	YSLVYQQPK	AGAP000184-PA,AGAP000184-PB	-	39	0.001261841	1	1125.595	0.99	Ovary	X:+:3019970-3019996;X:+:3019970-3019996	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_107530	AECTAEQAYEHTDGR	AGAP000184-PA,AGAP000184-PB	C3(Carbamidomethyl)	91	3.33E-09	1	1737.728	8.18	Midgut	X:+:3020876-3020920;X:+:3020876-3020920	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_109267	NCLIQFEDFANSNAFR	AGAP000184-PA,AGAP000184-PB	C2(Carbamidomethyl)	150	1.31E-14	1	1945.889	1.61	Malpighian tubule	X:+:3020348-3020395;X:+:3020348-3020395	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_110031	YSLVYQQPK	AGAP000184-PA,AGAP000184-PB	-	58	1.39E-05	2	1125.598	3.6	Malpighian tubule	X:+:3019970-3019996;X:+:3019970-3019996	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB

JHU_Ag_110248	ILGLGDLGANGMGIPVGK	AGAP000184-PA,AGAP000184-PB	N10(Deamidated), M12(Oxidation)	88	1.32E-08	1	1698.914	2.73	Pupa	X:+:3020099-3020152;X:+:3020099-3020152	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_110727	YIYLMGLLDRNER	AGAP000184-PA,AGAP000184-PB	M5(Oxidation)	43	0.000711238	1	1671.855	1.51	Malpighian tubule	X:+:3019847-3019885;X:+:3019847-3019885	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_111562	ILGLGDLGANGMGIPVGK	AGAP000184-PA,AGAP000184-PB	N10(Deamidated), M12(Oxidation),M12(Oxidation)	103	5.13E-10	1	1698.912	1.36	Malpighian tubule	X:+:3020099-3020152;X:+:3020099-3020152	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_113089	LAEIVTDDDLER	AGAP000184-PA,AGAP000184-PB	-	46	0.000360024	2	1388.691	0.55	Visceras	X:+:3021089-3021124;X:+:3021089-3021124	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_113132	GHVYEVLK	AGAP000184-PA,AGAP000184-PB	-	48	0.000234338	1	944.519	-0.78	Head	X:+:3020024-3020047;X:+:3020024-3020047	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_114933	YIYLMGLLDR	AGAP000184-PA,AGAP000184-PB	-	33	0.004965241	1	1256.675	3.42	Visceras	X:+:3019847-3019876;X:+:3019847-3019876	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_115255	TMAANNERPVIFALSNPTSK	AGAP000184-PA,AGAP000184-PB	M2(Oxidation)	42	0.000747596	1	2177.114	5.38	Larva	X:+:3020816-3020875;X:+:3020816-3020875	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_115606	AVFASGSPFAPVTLGDR	AGAP000184-PA,AGAP000184-PB	-	63	6.37E-06	1	1691.886	6.23	Larva	X:+:3020921-3020971;X:+:3020921-3020971	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_116394	ILGLGDLGANGMGIPVGK	AGAP000184-PA,AGAP000184-PB	M12(Oxidation)	92	4.52E-09	1	1697.930	2.44	Larva	X:+:3020099-3020152;X:+:3020099-3020152	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_116612	LAEIVTDDDLER	AGAP000184-PA,AGAP000184-PB	-	91	1.35E-08	1	1388.690	-0.15	Malpighian tubule	X:+:3021089-3021124;X:+:3021089-3021124	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_117598	VTGPAYDEFVQEFMEAAVRR	AGAP000184-PA,AGAP000184-PB	M14(Oxidation)	67	2.99E-06	1	2331.127	8.53	Malpighian tubule	X:+:3020279-3020338;X:+:3020279-3020338	exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_3177	LPAGTQLQDISAFSYR	AGAP000188-PB	-	133	6.43E-13	1	1766.918	6.17	Visceras	X:+:3077154-3077201	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_3841	SLATQDDPYDTISGK	AGAP000188-PB	-	69	1.77E-06	2	1610.762	4.37	Visceras	X:+:3079628-3079672	exon=> In CDS Exon 5 of transcript AGAP000188-PB
JHU_Ag_8010	SLATQDDPYDTISGK	AGAP000188-PB	-	101	1.28E-09	1	1610.758	2.17	Head	X:+:3079628-3079672	exon=> In CDS Exon 5 of transcript AGAP000188-PB
JHU_Ag_12430	NSYELAILGK	AGAP000188-PB	-	62	6.38E-06	2	1107.603	-1.28	Male reproductive organs	X:+:3077482-3077496,3079562-3079576	exon=> In CDS Exon 4 and 5 of transcript AGAP000188-PB
JHU_Ag_16395	TMCTYDFYEGQGR	AGAP000188-PB	M2(Oxidation), C3(Carbamidomethyl)	49	1.87E-05	2	1643.646	-0.22	Salivary gland	X:+:3079673-3079700,3079780-3079790	exon=> In CDS Exon 5 and 6 of transcript AGAP000188-PB
JHU_Ag_17059	LPAGTQLQDISAFSYR	AGAP000188-PB	-	133	6.33E-13	1	1766.915	4.16	Salivary gland	X:+:3077154-3077201	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_20921	SLATQDDPYDTISGK	AGAP000188-PB	-	78	2.65E-07	2	1610.758	2.17	Salivary gland	X:+:3079628-3079672	exon=> In CDS Exon 5 of transcript AGAP000188-PB
JHU_Ag_26791	METFAHFIMDEIGYK	AGAP000188-PB	M1(Oxidation), M9(Oxidation)	81	9.30E-08	1	1863.835	2.94	Head	X:+:3077109-3077153	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_27993	SLATQDDPYDTISGK	AGAP000188-PB	-	89	2.07E-08	2	1610.756	0.73	Male reproductive organs	X:+:3079628-3079672	exon=> In CDS Exon 5 of transcript AGAP000188-PB
JHU_Ag_33208	IVHRPAILDK	AGAP000188-PB	-	51	1.26E-05	1	1161.712	1.21	Head	X:+:3079577-3079606	exon=> In CDS Exon 5 of transcript AGAP000188-PB

JHU_Ag_36357	LPAGTQLQDISAFSYR	AGAP000188-PB	-	134	5.34E-13	1	1766.909	1.19	Head	X:+:3077154-3077201	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_44221	LPAGTQLQDISAFSYR	AGAP000188-PB	-	133	5.84E-13	1	1766.913	3.27	Pupa	X:+:3077154-3077201	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_50711	NSYELAILGK	AGAP000188-PB	-	62	4.87E-06	2	1107.605	0.48	Pupa	X:+:3077482-3077496,3079562-3079576	exon=> In CDS Exon 4 and 5 of transcript AGAP000188-PB
JHU_Ag_60684	RMETFAHFIMDEIGYK	AGAP000188-PB	M2(Oxidation), M10(Oxidation)	51	0.000135735	1	2019.936	2.78	Larva	X:+:3077106-3077153	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_63022	LVQQESEAHE	AGAP000188-PB	-	78	1.43E-07	1	1169.544	0.44	Head	X:+:3080124-3080153	exon=> In CDS Exon 6 of transcript AGAP000188-PB
JHU_Ag_64049	LPAGTQLQDISAFSYR	AGAP000188-PB	-	155	3.85E-15	1	1766.916	4.72	Male reproductive organs	X:+:3077154-3077201	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_69111	VGPVLSISHGMGVPSVGILLHELIK	AGAP000188-PB	M11(Oxidation)	64	4.52E-07	1	2568.469	4.02	Larva	X:+:3077287-3077361	exon=> In CDS Exon 4 of transcript AGAP000188-PB
JHU_Ag_87410	EVMNEWQQRPQILVSR	AGAP000188-PB	M3(Oxidation)	68	2.01E-06	1	2029.031	1.36	Salivary gland	X:+:3079989-3080036	exon=> In CDS Exon 6 of transcript AGAP000188-PB
JHU_Ag_90600	LDGAFCEFTETDK	AGAP000188-PB	C6(Carbamidomethyl)	101	4.43E-10	1	1532.659	1.02	Head	X:+:3079791-3079829	exon=> In CDS Exon 6 of transcript AGAP000188-PB
JHU_Ag_91534	LPAGTQLQDISAFSYR	AGAP000188-PB	-	114	4.94E-11	2	1766.915	4.3	Larva	X:+:3077154-3077201	exon=> In CDS Exon 3 of transcript AGAP000188-PB
JHU_Ag_100948	SLATQDDPYDTISGK	AGAP000188-PB	-	75	4.82E-07	1	1610.754	-0.1	Pupa	X:+:3079628-3079672	exon=> In CDS Exon 5 of transcript AGAP000188-PB
JHU_Ag_103558	TMCTYDFYEGQGR	AGAP000188-PB	C3(Carbamidomethyl)	85	6.48E-09	1	1627.651	-0.19	Head	X:+:3079673-3079700,3079780-3079790	exon=> In CDS Exon 5 and 6 of transcript AGAP000188-PB
JHU_Ag_91639	FAILEEK	AGAP000192-PA	-	39	0.001421 02	1	849.473	0.98	Malpighian tubule	X:+:3178442-3178462	exon=> In CDS Exon 6 of transcript AGAP000192-PA
JHU_Ag_2729	SIDLNKLITQR	AGAP000195-PA	N5(Deamidated), Q10(Deamidated)	39	0.001659 37	1	1302.720	-4.91	Head	X:-:3204944-3204912	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_6015	FQVLNSQIFAVLNK	AGAP000195-PA	-	72	2.09E-07	2	1620.920	5.54	Head	X:-:3202840-3202799	exon=> In CDS Exon 7 of transcript AGAP000195-PA
JHU_Ag_8617	SIDLNKLITQR	AGAP000195-PA	N5(Deamidated), Q10(Deamidated)	39	0.001583 34	1	1302.717	-7.44	Pupa	X:-:3204944-3204912	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_14763	NNRYETLLK	AGAP000195-PA	-	39	0.001271 597	2	1150.619	-1.93	Head	X:-:3204998-3204972	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_17541	DPDSGFAINVPR	AGAP000195-PA	-	87	2.93E-08	2	1287.639	4.74	Malpighian tubule	X:-:3206188-3206153	exon=> In CDS Exon 3 of transcript AGAP000195-PA
JHU_Ag_26380	LNVGPSSTQLYMVR	AGAP000195-PA	M12(Oxidation)	47	0.000299 355	2	1580.815	3.05	Ovary	X:-:3206152-3206111	exon=> In CDS Exon 3 of transcript AGAP000195-PA
JHU_Ag_29114	NLEVVPLFGDMQIAPFNYIKR	AGAP000195-PA	M11(Oxidation)	34	0.002321 527	1	2480.321	8.03	Malpighian tubule	X:-:3206884-3206822	exon=> In CDS Exon 3 of transcript AGAP000195-PA
JHU_Ag_43186	SNDIEGSNVEHVR	AGAP000195-PA	-	44	0.000561 982	1	1455.684	0.99	Malpighian tubule	X:-:3202789-3202751	exon=> In CDS Exon 7 of transcript AGAP000195-PA
JHU_Ag_46023	SIDLNKLITQR	AGAP000195-PA	N5(Deamidated), Q10(Deamidated)	34	0.004436 473	1	1302.723	-2.94	Larva	X:-:3204944-3204912	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_46268	SIDLNKLITQR	AGAP000195-PA	N5(Deamidated), Q10(Deamidated)	39	0.001681 025	1	1302.714	-9.31	Midgut	X:-:3204944-3204912	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_53947	HVQLLGR	AGAP000195-PA	-	25	0.005241 42	1	822.497	2.91	Malpighian tubule	X:-:3204965-3204945	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_55584	FQVLNSQIFAVLNK	AGAP000195-PA	-	82	2.28E-08	2	1620.912	0.87	Ovary	X:-:3202840-3202799	exon=> In CDS Exon 7 of transcript AGAP000195-PA
JHU_Ag_58596	YIEEATTHANLNQLLDEGQK	AGAP000195-PA	-	71	1.20E-06	1	2287.124	1.62	Head	X:-:3209060-3209237,3208533-3208686	exon=> In CDS Exon 2 and 1 of transcript AGAP000195-PA

JHU_Ag_77610	DFVSEAYLLTLGK	AGAP000195-PA	-	101	8.14E-10	2	1455.778	3.25	Head	X:-:3207334-3207296	exon=> In CDS Exon 3 of transcript AGAP000195-PA
JHU_Ag_81395	YASLQIVPNVEK	AGAP000195-PA	-	45	0.000355038	2	1360.749	1.15	Ovary	X:-:3204056-3204021	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_91796	YSNEVTTTYKDNATDGENK	AGAP000195-PA	-	55	3.30E-05	1	2149.955	1.27	Head	X:-:3206692-3206636	exon=> In CDS Exon 3 of transcript AGAP000195-PA
JHU_Ag_111717	LQIAFSGPITR	AGAP000195-PA	-	49	6.06E-05	2	1202.692	2.35	Ovary	X:-:3204620-3204588	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_117479	SIDLNKLITQR	AGAP000195-PA	-	75	1.18E-07	2	1300.767	6.83	Malpighian tubule	X:-:3204944-3204912	exon=> In CDS Exon 4 of transcript AGAP000195-PA
JHU_Ag_1460	FTPQNINPYLCTHLIYSFGGFTK	AGAP000198-PA	C11(Carbamidomethyl)	37	0.002373398	1	2718.355	5.92	Pupa	X:+:3235569-3235637	exon=> In CDS Exon 1 of transcript AGAP000198-PA
JHU_Ag_3336	LVEPNR	AGAP000198-PA	-	30	0.003631282	2	727.410	-0.22	Visceras	X:+:3244528-3244545	exon=> In CDS Exon 6 of transcript AGAP000198-PA
JHU_Ag_8195	DRENYAQLVQELR	AGAP000198-PA	-	50	0.00015614	1	1633.830	0.26	Pupa	X:+:3235986-3236024	exon=> In CDS Exon 2 of transcript AGAP000198-PA
JHU_Ag_13271	QNHFDGLDLDWEYPAFR	AGAP000198-PA	-	63	6.88E-06	1	2122.968	2.82	Pupa	X:+:3235917-3235967	exon=> In CDS Exon 2 of transcript AGAP000198-PA
JHU_Ag_34022	YQDIEQGGFAK	AGAP000198-PA	-	49	0.000134998	2	1255.596	0.29	Pupa	X:+:3235665-3235683,3235756-3235769	exon=> In CDS Exon 1 and 2 of transcript AGAP000198-PA
JHU_Ag_41954	LVEPNR	AGAP000198-PA	-	33	0.002965864	2	727.410	0.71	Salivary gland	X:+:3244528-3244545	exon=> In CDS Exon 6 of transcript AGAP000198-PA
JHU_Ag_42793	EALLASTEVGINDVASSGRPR	AGAP000198-PA	-	56	3.23E-05	1	2142.116	0.3	Pupa	X:+:3236794-3236816,3236906-3236945	exon=> In CDS Exon 3 and 4 of transcript AGAP000198-PA
JHU_Ag_47974	FSPLVADAER	AGAP000198-PA	-	65	6.59E-06	1	1104.568	-0.82	Pupa	X:+:3235848-3235877	exon=> In CDS Exon 2 of transcript AGAP000198-PA
JHU_Ag_60685	GTCHGKPYPIIEAAK	AGAP000198-PA	C3(Carbamidomethyl)	68	2.36E-06	1	1641.842	0.05	Pupa	X:+:3236749-3236793	exon=> In CDS Exon 3 of transcript AGAP000198-PA
JHU_Ag_66741	SYTLYNPDATDIGAPADGPGEQGDATR	AGAP000198-PA	-	86	2.67E-08	1	2752.236	1.08	Pupa	X:+:3236443-3236523	exon=> In CDS Exon 3 of transcript AGAP000198-PA
JHU_Ag_77066	LVEPNR	AGAP000198-PA	-	32	0.004010064	1	727.410	0.79	Malpighian tubule	X:+:3244528-3244545	exon=> In CDS Exon 6 of transcript AGAP000198-PA
JHU_Ag_90996	GNQWVGYDDEAIAR	AGAP000198-PA	-	67	2.42E-06	1	1593.730	0.39	Pupa	X:+:3236632-3236673	exon=> In CDS Exon 3 of transcript AGAP000198-PA
JHU_Ag_95473	LVLGIPTYGR	AGAP000198-PA	-	46	0.000107841	2	1088.647	1	Pupa	X:+:3236413-3236442	exon=> In CDS Exon 3 of transcript AGAP000198-PA
JHU_Ag_99170	LLLTMAVPAGIEYVEK	AGAP000198-PA	M5(Oxidation)	59	9.08E-06	1	1762.968	1.02	Pupa	X:+:3236067-3236114	exon=> In CDS Exon 2 of transcript AGAP000198-PA
JHU_Ag_102097	VVCYYTNWSVYRPGTAK	AGAP000198-PA	C3(Carbamidomethyl)	106	3.49E-10	1	2064.000	-0.49	Pupa	X:+:3235518-3235568	exon=> In CDS Exon 1 of transcript AGAP000198-PA
JHU_Ag_43558	IAQSAPTSASPNLDTDLLAK	AGAP000199-PB	-	40	0.001346701	1	2013.054	1.88	Head	X:-:3263439-3263380	exon=> In CDS Exon 1 of transcript AGAP000199-PB
JHU_Ag_56607	IAQSAPTSASPNLDTDLLAK	AGAP000199-PB	-	74	5.78E-07	1	2013.048	-0.91	Midgut	X:-:3263439-3263380	exon=> In CDS Exon 1 of transcript AGAP000199-PB
JHU_Ag_65925	TDDLFAILDVISK	AGAP000199-PB	-	109	1.37E-10	2	1449.783	-0.42	Midgut	X:-:3260772-3260734	exon=> In CDS Exon 2 of transcript AGAP000199-PB
JHU_Ag_3484	EFLDHIAAR	AGAP000203-PA	-	49	0.000150808	1	1071.554	-3.94	Head	X:-:3371093-3371067	exon=> In CDS Exon 2 of transcript AGAP000203-PA
JHU_Ag_24018	DATGTNVLTVGK	AGAP000203-PA	-	69	2.25E-06	2	1175.626	-0.68	Head	X:-:3368605-3368570	exon=> In CDS Exon 6 of transcript AGAP000203-PA
JHU_Ag_30354	ALVHTLER	AGAP000203-PA	-	50	5.89E-05	1	938.539	-3.55	Head	X:-:3368963-3369113,3368776-3368863	exon=> In CDS Exon 5 and 4 of transcript AGAP000203-PA

JHU_Ag_37924	DTVNRPVPYFVFGDFNFR	AGAP000203-PA	-	84	7.00E-08	1	2190.086	4.22	Head	X:-:3368853-3368800	exon=> In CDS Exon 5 of transcript AGAP000203-PA
JHU_Ag_56025	QELQTELQSLQQQLNDIK	AGAP000207-PA,AGAP000207-PB	-	92	6.59E-09	1	2156.131	5.26	Ovary	X:-:3433544-3433491;X:-:3433544-3433491	exon=> In CDS Exon 4 of transcript AGAP000207-PA;exon=> In CDS Exon 4 of transcript AGAP000207-PB
JHU_Ag_105250	ALVTADNAQLLK	AGAP000207-PA,AGAP000207-PB	-	70	7.62E-07	1	1256.722	1.11	Ovary	X:-:3433745-3433710;X:-:3433745-3433710	exon=> In CDS Exon 3 of transcript AGAP000207-PA;exon=> In CDS Exon 3 of transcript AGAP000207-PB
JHU_Ag_107918	LIENGVIK	AGAP000211-PA	N4(Deamidated)	31	0.008365002	1	886.518	-6.8	Ovary	X:+:3481945-3481968	exon=> In CDS Exon 4 of transcript AGAP000211-PA
JHU_Ag_441	YCLFGNTVNLTSR	AGAP000214-PA	C2(Carbamidomethyl)	66	3.43E-06	2	1544.754	0.85	Head	X:-:3486785-3486747	exon=> In CDS Exon 9 of transcript AGAP000214-PA
JHU_Ag_2713	SDEKDQQAVCQLVAK	AGAP000214-PA	C10(Carbamidomethyl)	69	2.16E-06	1	1718.854	9.14	Head	X:-:3489014-3488970	exon=> In CDS Exon 4 of transcript AGAP000214-PA
JHU_Ag_7638	TETTGVPGHINISETTYK	AGAP000214-PA	-	42	0.001076502	1	1947.969	1.5	Head	X:-:3486746-3486851,3484493-3484625	exon=> In CDS Exon 10 and 9 of transcript AGAP000214-PA
JHU_Ag_10519	LHGVDVEIK	AGAP000214-PA	-	32	0.003704876	2	1009.564	-4.16	Head	X:-:3489826-3489800	exon=> In CDS Exon 3 of transcript AGAP000214-PA
JHU_Ag_20983	ILQVLGATPR	AGAP000214-PA	Q3(Deamidated)	27	0.009073688	2	1068.626	-14	Midgut	X:-:3490033-3490004	exon=> In CDS Exon 3 of transcript AGAP000214-PA
JHU_Ag_26105	SDHFQFLITEISGPK	AGAP000214-PA	-	68	2.73E-06	2	1718.878	1.87	Head	X:-:3489074-3489030	exon=> In CDS Exon 4 of transcript AGAP000214-PA
JHU_Ag_47607	HSIPEVVK	AGAP000214-PA	-	36	0.001745073	2	908.511	-9.63	Head	X:-:3489688-3489665	exon=> In CDS Exon 3 of transcript AGAP000214-PA
JHU_Ag_49967	DQQAVCQLVAK	AGAP000214-PA	C6(Carbamidomethyl)	73	8.37E-07	1	1259.643	1.34	Head	X:-:3489002-3488970	exon=> In CDS Exon 4 of transcript AGAP000214-PA
JHU_Ag_51118	GLHISDIPLHDASR	AGAP000214-PA	-	70	1.55E-06	1	1530.806	2.18	Head	X:-:3487517-3487476	exon=> In CDS Exon 8 of transcript AGAP000214-PA
JHU_Ag_108038	LTTNLEILTDR	AGAP000214-PA	-	62	6.71E-06	1	1288.715	3.2	Head	X:-:3487433-3487401	exon=> In CDS Exon 8 of transcript AGAP000214-PA
JHU_Ag_2196	TTEAALVGAAYR	AGAP000220-PA	-	62	7.49E-06	2	1222.644	1.25	Ovary	X:-:4089986-4089951	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_6331	AEANDNWENFSELLDSTPR	AGAP000220-PA	-	102	8.55E-10	2	2207.991	3.14	Visceras	X:-:4090361-4090305	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_7220	AEANDNWENFSELLDSTPR	AGAP000220-PA	-	101	8.41E-10	2	2207.984	0.04	Ovary	X:-:4090361-4090305	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_9255	FLHTQLDDSAFTVHR	AGAP000220-PA	-	92	9.77E-09	1	1786.901	7.63	Head	X:-:4091241-4091197	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_9947	AEANDNWENFSELLDSTPR	AGAP000220-PA	-	94	4.82E-09	1	2207.987	1.26	Head	X:-:4090361-4090305	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_11125	LGAPVPAATVIGPIGSFFVQR	AGAP000220-PA	-	49	2.24E-05	1	2097.200	6.96	Malpighian tubule	X:-:4090863-4090801	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_14404	TTEAALVGAAYR	AGAP000220-PA	-	84	4.79E-08	1	1222.644	1.35	Malpighian tubule	X:-:4089986-4089951	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_15111	ILATGGASANR	AGAP000220-PA	-	68	2.89E-06	2	1030.566	2.34	Salivary gland	X:-:4090073-4090041	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_18014	DSEQIYGAMEER	AGAP000220-PA	M9(Oxidation)	86	9.85E-09	1	1443.608	1.72	Head	X:-:4089806-4089771	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_21557	VVAFTGDNLSALAGMNVGK	AGAP000220-PA	M15(Oxidation)	96	4.27E-09	2	1879.954	-2.49	Head	X:-:4090776-4090720	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_22019	FDSDLPEFR	AGAP000220-PA	-	55	3.57E-05	2	1125.524	2.38	Head	X:-:4091561-4091535	exon=> In CDS Exon 2 of transcript AGAP000220-PA

JHU_Ag_25638	LGAPVPAATVIGPIGSFFVQR	AGAP000220-PA	-	70	2.15E-07	1	2097.193	3.67	Head	X:-:4090863-4090801	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_27722	LGAPVPAATVIGPIGSFFVQR	AGAP000220-PA	-	104	1.01E-10	1	2097.194	3.75	Salivary gland	X:-:4090863-4090801	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_34453	GNFGNLALHFLSK	AGAP000220-PA	-	60	1.24E-05	1	1417.762	2.31	Malpighian tubule	X:-:4090304-4090266	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_34521	SILQVVSDVFNAPVYTQK	AGAP000220-PA	-	78	1.36E-07	1	2008.070	-2.31	Malpighian tubule	X:-:4090040-4089987	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_53239	TTGGVNVGTAK	AGAP000220-PA	-	62	9.29E-06	2	1004.536	-0.78	Malpighian tubule	X:-:4091534-4091502	exon=> In CDS Exon 2 of transcript AGAP000220-PA
JHU_Ag_53962	YVLSVAR	AGAP000220-PA	-	36	0.001797327	2	807.472	-0.08	Malpighian tubule	X:-:4089944-4089924	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_55778	SILQVVSDVFNAPVYTQK	AGAP000220-PA	-	105	2.93E-10	1	2008.078	1.43	Ovary	X:-:4090040-4089987	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_56935	ILATGGASANR	AGAP000220-PA	-	72	1.12E-06	1	1030.564	0.21	Malpighian tubule	X:-:4090073-4090041	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_61835	GNFGNLALHFLSK	AGAP000220-PA	-	101	1.12E-09	2	1417.763	2.84	Visceras	X:-:4090304-4090266	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_64985	HLDADKFLHTQLDDSAFTVHR	AGAP000220-PA	-	122	1.05E-11	1	2466.222	2.3	Malpighian tubule	X:-:4091259-4091197	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_74257	GNFGNLALHFLSK	AGAP000220-PA	-	78	1.92E-07	1	1417.762	2.49	Ovary	X:-:4090304-4090266	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_74443	GNFGNLALHFLSK	AGAP000220-PA	-	93	6.08E-09	1	1417.762	2.23	Head	X:-:4090304-4090266	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_76991	NEFYVQPVMWIK	AGAP000220-PA	M9(Oxidation)	41	0.00108763	2	1553.787	2.82	Malpighian tubule	X:-:4091501-4091618,4090595-4091389	exon=> In CDS Exon 3 and 2 of transcript AGAP000220-PA
JHU_Ag_80679	FDSDLPEFR	AGAP000220-PA	-	48	0.000201642	2	1125.522	1.08	Salivary gland	X:-:4091561-4091535	exon=> In CDS Exon 2 of transcript AGAP000220-PA
JHU_Ag_82895	FLHTQLDDSAFTVHR	AGAP000220-PA	-	82	1.04E-07	1	1786.896	5.16	Midgut	X:-:4091241-4091197	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_92233	LGAPVPAATVIGPIGSFFVQR	AGAP000220-PA	-	45	7.51E-05	1	2097.193	3.67	Ovary	X:-:4090863-4090801	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_93497	LGAPVPAATVIGPIGSFFVQR	AGAP000220-PA	-	50	2.13E-05	1	2097.198	5.85	Larva	X:-:4090863-4090801	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_101993	FDSDLPEFR	AGAP000220-PA	-	48	0.00017995	2	1125.520	-0.98	Malpighian tubule	X:-:4091561-4091535	exon=> In CDS Exon 2 of transcript AGAP000220-PA
JHU_Ag_103771	AEANDNWENFSELLDSTPR	AGAP000220-PA	-	88	2.10E-08	2	2207.990	2.81	Malpighian tubule	X:-:4090361-4090305	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_107228	TPIWMDGTTGR	AGAP000220-PA	-	45	0.000514186	1	1234.591	1.68	Malpighian tubule	X:-:4091196-4091164	exon=> In CDS Exon 3 of transcript AGAP000220-PA
JHU_Ag_109868	ILATGGASANR	AGAP000220-PA	-	76	4.53E-07	2	1030.564	-0.15	Head	X:-:4090073-4090041	exon=> In CDS Exon 4 of transcript AGAP000220-PA
JHU_Ag_3423	AAHAGVASPPDQPLPR	AGAP000222-PB,AGAP000222-PA	-	119	1.70E-11	1	1583.828	-0.41	Visceras	X:+:4149092-4149139;X:+:4149092-4149139	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_9975	DFGYDVEPSVR	AGAP000222-PB,AGAP000222-PA	-	78	1.65E-07	1	1283.592	1.19	Visceras	X:+:4148549-4148581;X:+:4148549-4148581	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_13058	GADLYDYPDPTLPR	AGAP000222-PB,AGAP000222-PA	-	73	9.10E-07	1	1592.762	1.55	Visceras	X:+:4149011-4149052;X:+:4149011-4149052	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_20394	SYDPDEYVPR	AGAP000222-PB,AGAP000222-PA	-	49	0.000108645	2	1240.551	2.11	Visceras	X:+:4149140-4149169;X:+:4149140-4149169	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA

JHU_Ag_34354	QNDAVVDTFFVVPDSR	AGAP000222-PB,AGAP000222-PA	-	130	1.76E-12	2	1808.887	3.21	Visceras	X:+:4148378-4148425;X:+:4148378-4148425	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_34430	AGAAAAAVAPVIGR	AGAP000222-PB,AGAP000222-PA	-	36	0.000718308	2	1194.694	-1.58	Male reproductive organs	X:+:4140371-4140412;X:+:4140371-4140412	exon=> In CDS Exon 6 of transcript AGAP000222-PB;exon=> In CDS Exon 6 of transcript AGAP000222-PA
JHU_Ag_38985	AAFDNSLCIDPWR	AGAP000222-PB,AGAP000222-PA	C8(Carbamidomethyl)	73	6.27E-07	1	1564.726	3.27	Visceras	X:+:4148285-4148323;X:+:4148285-4148323	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_43872	DITSGLVGADFAAPVVYEPPAPAR	AGAP000222-PB,AGAP000222-PA	-	105	3.40E-10	1	2413.250	4.11	Visceras	X:+:4148021-4148092;X:+:4148021-4148092	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_50471	RARPLR	AGAP000222-PB,AGAP000222-PA	-	22	0.004044952	2	768.496	1.43	Visceras	X:+:4148933-4148950;X:+:4148933-4148950	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_53055	TETSTSPIPTAAR	AGAP000222-PB,AGAP000222-PA	-	61	1.66E-05	2	1331.681	0.3	Visceras	X:+:4148234-4148272;X:+:4148234-4148272	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_71839	AVEPPKVDIDR	AGAP000222-PB,AGAP000222-PA	-	53	3.77E-05	1	1238.675	1.08	Visceras	X:+:4148759-4148791;X:+:4148759-4148791	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_77420	YYKEPYYPVEVEMPPATSHYGTTVPLGR	AGAP000222-PB,AGAP000222-PA	M13(Oxidation)	63	6.51E-06	1	3260.568	2.22	Visceras	X:+:4149233-4149316;X:+:4149233-4149316	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_78039	KSASIENVAIEQVFVK	AGAP000222-PB,AGAP000222-PA	-	118	7.35E-12	2	1761.980	3.28	Visceras	X:+:4148330-4148377;X:+:4148330-4148377	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_82562	SASIENVAIEQVFVK	AGAP000222-PB,AGAP000222-PA	-	59	1.17E-05	2	1633.886	3.84	Visceras	X:+:4148333-4148377;X:+:4148333-4148377	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_89765	QSLDELRDFGYDVEPSVR	AGAP000222-PB,AGAP000222-PA	-	104	7.80E-10	1	2125.024	1.96	Visceras	X:+:4148528-4148581;X:+:4148528-4148581	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_104776	EAACYEVPVAVQR	AGAP000222-PB,AGAP000222-PA	C4(Carbamidomethyl)	83	9.15E-08	1	1491.728	1.4	Visceras	X:+:4149182-4149220;X:+:4149182-4149220	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_109435	TAGHVPTITSSSR	AGAP000222-PB,AGAP000222-PA	-	65	3.96E-06	1	1313.682	0.73	Visceras	X:+:4149323-4149361;X:+:4149323-4149361	exon=> In CDS Exon 9 of transcript AGAP000222-PB;exon=> In CDS Exon 9 of transcript AGAP000222-PA
JHU_Ag_111726	QEQLEAEKR	AGAP000222-PB,AGAP000222-PA	Q3(Deamidated)	35	0.00450051	2	1131.565	1.11	Visceras	X:+:4144561-4144587;X:+:4144561-4144587	exon=> In CDS Exon 8 of transcript AGAP000222-PB;exon=> In CDS Exon 8 of transcript AGAP000222-PA
JHU_Ag_3149	EIANEFPQIFK	AGAP000223-PA	-	55	5.00E-05	2	1335.694	-0.01	Head	X:-:4169750-4169718	exon=> In CDS Exon 7 of transcript AGAP000223-PA
JHU_Ag_13943	IFCEETECSASDQQIVR	AGAP000223-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	102	3.89E-10	2	2071.903	-1.4	Head	X:-:4169801-4169751	exon=> In CDS Exon 7 of transcript AGAP000223-PA
JHU_Ag_22639	HLEPVAVHLAAPFDVPDGLLSK	AGAP000223-PA	-	133	2.55E-13	1	2325.263	1.06	Head	X:-:4172531-4172466	exon=> In CDS Exon 4 of transcript AGAP000223-PA
JHU_Ag_26092	VNPLFLNGFLESSIESLR	AGAP000223-PA	-	64	2.64E-06	1	2035.094	3.73	Head	X:-:4174027-4173974	exon=> In CDS Exon 2 of transcript AGAP000223-PA
JHU_Ag_26508	SSPAVGGQVPPQFIQESPSTGVLATK	AGAP000223-PA	-	45	0.000328852	2	2582.341	-2.15	Head	X:-:4173347-4173270	exon=> In CDS Exon 4 of transcript AGAP000223-PA
JHU_Ag_30913	ILLLINR	AGAP000223-PA	-	40	5.65E-05	2	854.582	0.24	Head	X:-:4171628-4171608	exon=> In CDS Exon 5 of transcript AGAP000223-PA
JHU_Ag_43480	VEAAEVYQIVDAIR	AGAP000223-PA	-	99	1.41E-09	1	1575.846	4.91	Head	X:-:4172666-4172625	exon=> In CDS Exon 4 of transcript AGAP000223-PA

JHU_Ag_48091	MLVDLFSRPETASIFYTNDNK	AGAP000223-PA	M1(Oxidation)	85	5.25E-08	1	2461.208	0.57	Head	X:-:4170103-4170041	exon=> In CDS Exon 6 of transcript AGAP000223-PA
JHU_Ag_107841	YELTDSESEPPSPIK	AGAP000223-PA	-	36	0.004348198	2	1691.800	-0.38	Head	X:-:4173622-4173578	exon=> In CDS Exon 3 of transcript AGAP000223-PA
JHU_Ag_117131	TISFDEGEYFILHQTSAR	AGAP000223-PA	-	93	9.27E-09	1	2114.016	-1.45	Head	X:-:4176569-4176516	exon=> In CDS Exon 1 of transcript AGAP000223-PA
JHU_Ag_3088	AAHPQTPPAAFHLTGGGVGEPALHQQR	AGAP000232-PA	-	113	4.96E-11	1	2745.408	3.98	Head	X:-:4352514-4352434	exon=> In CDS Exon 1 of transcript AGAP000232-PA
JHU_Ag_102662	VHRPPPGQFTPLEPCPIPSR	AGAP000232-PA	C15(Carbamidomethyl)	108	1.54E-10	1	2282.191	2.19	Head	X:-:4351488-4351429	exon=> In CDS Exon 3 of transcript AGAP000232-PA
JHU_Ag_39854	VTNALEVLLHK	AGAP000233-PA	-	30	0.002046586	2	1236.730	-0.57	Ovary	X:-:4381004-4380972	exon=> In CDS Exon 8 of transcript AGAP000233-PA
JHU_Ag_1213	HADTVEK	AGAP000235-PC	-	55	2.24E-05	2	799.390	-5.69	Head	X:+:4428356-4428376	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_4039	NPLPDVEAIQAEK	AGAP000235-PC	-	83	6.57E-08	1	1423.743	0.37	Ovary	X:+:4425480-4425501,4428285-4428301	exon=> In CDS Exon 1 and 2 of transcript AGAP000235-PC
JHU_Ag_5620	MEAAGQESTPASYPR	AGAP000235-PC	N-Term(Acetyl), M1(Oxidation)	103	4.04E-10	1	1652.723	0.78	Ovary	X:+:4425246-4425290	exon=> In CDS Exon 1 of transcript AGAP000235-PC
JHU_Ag_10385	SVIEGIEGFDASR	AGAP000235-PC	-	115	5.17E-11	1	1379.680	0.01	Head	X:+:4425414-4425452	exon=> In CDS Exon 1 of transcript AGAP000235-PC
JHU_Ag_12716	GVQQFIAGIESFDTK	AGAP000235-PC	-	136	2.91E-13	1	1639.837	2.6	Head	X:+:4428302-4428346	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_17845	GVQQFIAGIESFDTK	AGAP000235-PC	-	86	3.68E-08	1	1639.834	0.74	Visceras	X:+:4428302-4428346	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_26994	EKNPLPDVEAIQAEK	AGAP000235-PC	-	54	4.67E-05	2	1680.880	0.02	Head	X:+:4425474-4425501,4428285-4428301	exon=> In CDS Exon 1 and 2 of transcript AGAP000235-PC
JHU_Ag_42848	NCLPTAADVQSEK	AGAP000235-PC	C2(Carbamidomethyl)	95	4.08E-09	1	1432.677	2.14	Head	X:+:4425366-4425404	exon=> In CDS Exon 1 of transcript AGAP000235-PC
JHU_Ag_43611	HADTVEKNLLPTAETIEAEK	AGAP000235-PC	-	105	4.08E-10	1	2209.143	3.69	Malpighian tubule	X:+:4428356-4428415	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_46331	GVQQFIAGIESFDTK	AGAP000235-PC	-	54	4.74E-05	2	1639.838	3.35	Malpighian tubule	X:+:4428302-4428346	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_50510	SVIEGIEGFDASR	AGAP000235-PC	-	78	2.47E-07	1	1379.687	4.61	Malpighian tubule	X:+:4425414-4425452	exon=> In CDS Exon 1 of transcript AGAP000235-PC
JHU_Ag_56777	GVQQFIAGIESFDTK	AGAP000235-PC	-	132	9.11E-13	1	1639.835	1.19	Ovary	X:+:4428302-4428346	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_61688	EKNPLPDVEAIQAEK	AGAP000235-PC	-	108	1.77E-10	1	1680.881	0.6	Ovary	X:+:4425474-4425501,4428285-4428301	exon=> In CDS Exon 1 and 2 of transcript AGAP000235-PC
JHU_Ag_65991	SELESFR	AGAP000235-PC	-	38	0.001687911	1	867.421	0.57	Head	X:+:4425309-4425329	exon=> In CDS Exon 1 of transcript AGAP000235-PC
JHU_Ag_67004	NLLPTAETIEAEK	AGAP000235-PC	-	89	1.14E-08	1	1428.759	0.59	Ovary	X:+:4428377-4428415	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_84318	HADTVEK	AGAP000235-PC	-	39	0.001080591	1	799.396	1.87	Ovary	X:+:4428356-4428376	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_91673	NPLPDVEAIQAEK	AGAP000235-PC	-	82	7.55E-08	1	1423.745	1.22	Head	X:+:4425480-4425501,4428285-4428301	exon=> In CDS Exon 1 and 2 of transcript AGAP000235-PC
JHU_Ag_95698	NCLPTAADVQSEK	AGAP000235-PC	C2(Carbamidomethyl)	95	4.32E-09	1	1432.675	0.95	Ovary	X:+:4425366-4425404	exon=> In CDS Exon 1 of transcript AGAP000235-PC
JHU_Ag_114179	NLLPTAETIEAEK	AGAP000235-PC	-	75	3.31E-07	1	1428.761	2.21	Head	X:+:4428377-4428415	exon=> In CDS Exon 2 of transcript AGAP000235-PC
JHU_Ag_117566	SVIEGIEGFDASR	AGAP000235-PC	-	103	8.92E-10	1	1379.683	1.87	Ovary	X:+:4425414-4425452	exon=> In CDS Exon 1 of transcript AGAP000235-PC

JHU_Ag_25159	RPLQHTNSFSGAAGAGVTSLADR	AGAP000236-PC,AGAP000236-PA,AGAP000236-PB	-	136	3.39E-13	1	2313.171	0.71	Head	X:+:4456318-4456386;X:+:4456318-4456386;X:+:4456318-4456386	exon=> In CDS Exon 6 of transcript AGAP000236-PC;exon=> In CDS Exon 5 of transcript AGAP000236-PA;exon=> In CDS Exon 7 of transcript AGAP000236-PB
JHU_Ag_115584	DEEEEEEAEEAAK	AGAP000236-PC,AGAP000236-PA,AGAP000236-PB	-	107	2.74E-11	1	1507.591	-0.7	Head	X:+:4457711-4457749;X:+:4457711-4457749;X:+:4457711-4457749	exon=> In CDS Exon 9 of transcript AGAP000236-PC;exon=> In CDS Exon 8 of transcript AGAP000236-PA;exon=> In CDS Exon 10 of transcript AGAP000236-PB
JHU_Ag_88090	ALIEELK	AGAP000237-PA	-	43	0.000555038	1	815.489	1.88	Male reproductive organs	X:-:4469864-4469844	exon=> In CDS Exon 6 of transcript AGAP000237-PA
JHU_Ag_44543	SVEETNSHTDR	AGAP000238-PA	-	38	0.000905472	2	1274.562	0.61	Salivary gland	X:-:4495162-4495130	exon=> In CDS Exon 4 of transcript AGAP000238-PA
JHU_Ag_18633	TNREQLWR	AGAP000239-PA	N2(Deamidated), Q5(Deamidated)	35	0.0042102	1	1104.535	-7.43	Visceras	X:-:4504708-4504685	exon=> In CDS Exon 3 of transcript AGAP000239-PA
JHU_Ag_41214	VIQGSPAHSGGLQPGDIITHINGK	AGAP000240-PA	-	45	0.000235138	1	2396.267	-0.5	Head	X:+:4509157-4509182,4509259-4509304	exon=> In CDS Exon 1 and 2 of transcript AGAP000240-PA
JHU_Ag_23183	TLHDLLDHSYGR	AGAP000241-PA	-	60	1.46E-05	2	1426.709	1.15	Midgut	X:-:4511167-4511132	exon=> In CDS Exon 3 of transcript AGAP000241-PA
JHU_Ag_53070	DYTGNYDVFYTYR	AGAP000241-PA	-	74	2.97E-07	2	1676.729	3.62	Malpighian tubule	X:-:4510768-4510730	exon=> In CDS Exon 3 of transcript AGAP000241-PA
JHU_Ag_76230	YVVASDTVGSIQAVSR	AGAP000241-PA	-	118	1.98E-11	2	1651.870	3.03	Malpighian tubule	X:-:4511534-4511487	exon=> In CDS Exon 2 of transcript AGAP000241-PA
JHU_Ag_90506	YVVASDTVGSIQAVSR	AGAP000241-PA	-	94	4.55E-09	1	1651.868	1.92	Midgut	X:-:4511534-4511487	exon=> In CDS Exon 2 of transcript AGAP000241-PA
JHU_Ag_92488	VGQANGSNGTAGHDTNGR	AGAP000241-PA	N8(Deamidated), N16(Deamidated)	51	4.80E-05	2	1714.742	2.76	Malpighian tubule	X:-:4510729-4510676	exon=> In CDS Exon 3 of transcript AGAP000241-PA
JHU_Ag_110316	VWQLIQEHFGVR	AGAP000241-PA	-	50	0.000107466	1	1511.815	2.31	Malpighian tubule	X:-:4511203-4511168	exon=> In CDS Exon 3 of transcript AGAP000241-PA
JHU_Ag_114519	TLHDLLDHSYGR	AGAP000241-PA	-	75	4.48E-07	1	1426.710	1.92	Malpighian tubule	X:-:4511167-4511132	exon=> In CDS Exon 3 of transcript AGAP000241-PA
JHU_Ag_116694	DYTGNYDVFYTYR	AGAP000241-PA	-	99	8.96E-10	2	1676.721	-0.82	Midgut	X:-:4510768-4510730	exon=> In CDS Exon 3 of transcript AGAP000241-PA
JHU_Ag_13941	SAATLDMLVATSATVESTRDELLK	AGAP000242-PA	M7(Oxidation)	65	3.61E-06	1	2538.291	-2.26	Midgut	X:+:4522722-4522793	exon=> In CDS Exon 3 of transcript AGAP000242-PA
JHU_Ag_80379	LAALR	AGAP000242-PA,AGAP002286-PA,AGAP012459-PA,AGAP007177-PA,AGAP013520-PA,AGAP000171-PA	-	32	0.002037746	1	543.363	2.9	Malpighian tubule	X:+:4522282-4522296;2R:-:18585765-18585751;UNKN:+:3953759-3953773;2L:+:43863686-43863700;X:+:12769097-12769111;X:+:2919328-2919342	exon=> In CDS Exon 2 of transcript AGAP000242-PA;exon=> In CDS Exon 2 of transcript AGAP002286-PA;exon=> In CDS Exon 2 of transcript AGAP012459-PA;exon=> In CDS Exon 2 of transcript AGAP007177-PA;exon=> In CDS Exon 1 of transcript AGAP013520-PA;exon=> In CDS Exon 8 of transcript AGAP000171-PA
JHU_Ag_13464	IVLRPIGSTLEDA	AGAP000245-PA	-	40	0.000608597	2	1383.782	-1.36	Salivary gland	X:-:4561860-4561822	exon=> In CDS Exon 3 of transcript AGAP000245-PA
JHU_Ag_14896	IVLRPIGSTLEDA	AGAP000245-PA	-	45	0.000148253	2	1383.785	0.75	Malpighian tubule	X:-:4561860-4561822	exon=> In CDS Exon 3 of transcript AGAP000245-PA
JHU_Ag_19655	DLAEQLK	AGAP000246-PA	-	41	0.001821603	1	816.448	1.75	Ovary	X:+:4567689-4567689,4567763-4567782	exon=> In CDS Exon 1 and 2 of transcript AGAP000246-PA

JHU_Ag_4048	LLGTIGVTR	AGAP000248-PA	-	52	2.24E-05	2	929.581	3.32	Malpighian tubule	X:+:4574018-4574044	exon=> In CDS Exon 2 of transcript AGAP000248-PA
JHU_Ag_5763	VLTVVAPDQPALPAGPGHQAYGGGGTAGSR	AGAP000248-PA	-	84	3.58E-08	1	2801.443	3.4	Head	X:+:4572863-4572952	exon=> In CDS Exon 1 of transcript AGAP000248-PA
JHU_Ag_29607	SKWNEDQAAFHR	AGAP000248-PA	-	65	4.01E-06	1	1488.702	2.87	Malpighian tubule	X:+:4573178-4573213	exon=> In CDS Exon 1 of transcript AGAP000248-PA
JHU_Ag_48902	DISLLPWSTGYAECVNSGK	AGAP000248-PA	C14(Carbamidomethyl)	54	6.30E-05	2	2096.999	1.44	Malpighian tubule	X:+:4573121-4573177	exon=> In CDS Exon 1 of transcript AGAP000248-PA
JHU_Ag_71309	HRYTMVAQELVAR	AGAP000248-PA	-	48	0.000204461	1	1573.836	5.81	Malpighian tubule	X:+:4574288-4574326	exon=> In CDS Exon 2 of transcript AGAP000248-PA
JHU_Ag_88330	VLTVVAPDQPALPAGPGHQAYGGGGTAGSR	AGAP000248-PA	-	72	5.24E-07	1	2801.445	4.39	Malpighian tubule	X:+:4572863-4572952	exon=> In CDS Exon 1 of transcript AGAP000248-PA
JHU_Ag_114010	SRLLGTIGVTR	AGAP000248-PA	-	38	0.000352983	2	1172.716	3.8	Malpighian tubule	X:+:4574012-4574044	exon=> In CDS Exon 2 of transcript AGAP000248-PA
JHU_Ag_4440	QHFQPTIPYTPPLEYGTR	AGAP000249-PA	-	35	0.004510101	1	2145.083	2.86	Ovary	X:-:4593876-4593823	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_7686	YYYLSAERLPVGIR	AGAP000249-PA	-	35	0.002907252	3	1699.923	3.48	Ovary	X:-:4593355-4593314	exon=> In CDS Exon 3 of transcript AGAP000249-PA
JHU_Ag_8571	DFVQLLTER	AGAP000249-PA	-	58	2.10E-05	2	1120.602	2.2	Malpighian tubule	X:-:4594461-4594435	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_14210	YINGVQGEER	AGAP000249-PA	-	40	0.001546435	2	1164.565	0.28	Ovary	X:-:4594794-4594765	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_26231	YQVLEFADGPVTQVANESRPQVLLCHDFK	AGAP000249-PA	C25(Carbamidomethyl)	93	5.13E-09	1	3360.681	3.8	Ovary	X:-:4594902-4594816	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_33414	NDPLAHWTHHFDGALDGGSCLK	AGAP000249-PA	C20(Carbamidomethyl)	110	1.09E-10	1	2448.127	5.05	Ovary	X:-:4593822-4593757	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_33804	GPVQLPFYSSFCLGSGK	AGAP000249-PA	C12(Carbamidomethyl)	79	1.92E-07	1	1843.918	7.16	Malpighian tubule	X:-:4593984-4593934	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_40994	TVLVFDRPE	AGAP000249-PA	-	46	0.000418697	2	1075.579	0.57	Ovary	X:-:4593190-4593164	exon=> In CDS Exon 3 of transcript AGAP000249-PA
JHU_Ag_43574	IVDIGIK	AGAP000249-PA	-	32	0.001701923	1	757.481	-0.57	Malpighian tubule	X:-:4593313-4593293	exon=> In CDS Exon 3 of transcript AGAP000249-PA
JHU_Ag_55070	EPDAHENDHALLGAIHLQAGIPAHR	AGAP000249-PA	-	73	5.29E-07	1	2682.371	7.96	Ovary	X:-:4593283-4593209	exon=> In CDS Exon 3 of transcript AGAP000249-PA
JHU_Ag_61231	GPVQLPFYSSFCLGSGK	AGAP000249-PA	C12(Carbamidomethyl)	64	6.71E-06	2	1843.911	3.13	Ovary	X:-:4593984-4593934	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_73869	LGATSQLPLADTVNGWDIR	AGAP000249-PA	-	89	1.63E-08	2	2027.055	-0.25	Ovary	X:-:4593501-4595030,4593161-4593356	exon=> In CDS Exon 3 and 2 of transcript AGAP000249-PA
JHU_Ag_74161	VIGTLIVEHK	AGAP000249-PA	-	34	0.001064746	1	1108.672	-0.54	Ovary	X:-:4594644-4594615	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_82131	SNPTAIDLGLVLK	AGAP000249-PA	-	53	2.54E-05	2	1340.781	2.21	Malpighian tubule	X:-:4593669-4593631	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_83442	DFVQLLTER	AGAP000249-PA	-	63	6.57E-06	2	1120.602	1.99	Ovary	X:-:4594461-4594435	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_94187	ALPLDKEQSLQLLK	AGAP000249-PA	-	58	2.12E-06	1	1595.940	1.79	Ovary	X:-:4593543-4593502	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_95720	SNPTAIDLGLVLK	AGAP000249-PA	-	62	2.82E-06	2	1340.783	3.21	Ovary	X:-:4593669-4593631	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_109461	DFVQLLTER	AGAP000249-PA	-	40	0.0013937	2	1120.603	2.64	Visceras	X:-:4594461-4594435	exon=> In CDS Exon 2 of transcript AGAP000249-PA
JHU_Ag_2033	LLLLQK	AGAP000251-PA	-	20	0.003027759	1	727.508	0.09	Male reproductive organs	X:-:4603495-4603478	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_13377	ILILFK	AGAP000251-PA	-	26	0.000937709	2	746.519	2.61	Malpighian tubule	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA

JHU_Ag_21943	ILILFK	AGAP000251-PA	-	26	0.000937709	2	746.519	2.28	Larva	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_27442	ILILFK	AGAP000251-PA	-	32	0.000235	1	746.517	-0.17	Male reproductive organs	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_31295	ILILFK	AGAP000251-PA	-	32	0.00023446	1	746.517	-0.34	Pupa	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_35454	ILILFK	AGAP000251-PA	-	32	0.000240474	1	746.517	-0.83	Head	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_60889	HVIAPAEVAAHPTTNNSVVEIGR	AGAP000251-PA	-	56	2.08E-05	1	2382.245	-3.26	Head	X:-:4601297-4601229	exon=> In CDS Exon 6 of transcript AGAP000251-PA
JHU_Ag_70777	ILILFK	AGAP000251-PA	-	38	5.36E-05	2	746.517	-0.58	Midgut	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_94981	ILILFK	AGAP000251-PA	-	32	0.000244945	1	746.518	0.97	Salivary gland	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_110451	ILILFK	AGAP000251-PA	-	16	0.008631138	1	746.519	2.12	Ovary	X:-:4603513-4603496	exon=> In CDS Exon 3 of transcript AGAP000251-PA
JHU_Ag_3270	GPLDIYDVPYWK	AGAP000252-PA	-	62	9.07E-06	2	1465.737	0.34	Midgut	X:+:4608435-4608470	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_4808	YAKPAADGELSTLER	AGAP000252-PA	-	60	1.73E-05	1	1620.827	2.48	Malpighian tubule	X:+:4608366-4608410	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_7270	HLATVHQFDQEALKDYFPLPR	AGAP000252-PA	-	133	5.63E-13	1	2525.307	5.18	Malpighian tubule	X:+:4608477-4608539	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_10342	SLENSSHLESIR	AGAP000252-PA	-	92	8.37E-09	1	1371.687	0.44	Salivary gland	X:+:4608210-4608245	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_11630	YAKPAADGELSTLER	AGAP000252-PA	-	67	3.87E-06	2	1620.824	0.5	Visceras	X:+:4608366-4608410	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_13367	AKFNSVPIYR	AGAP000252-PA	-	65	2.17E-06	1	1194.666	2.45	Malpighian tubule	X:+:4607748-4607777	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_15824	ITLQPAVAER	AGAP000252-PA	-	49	6.88E-05	1	1097.635	3.23	Malpighian tubule	X:+:4608096-4608125	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_19761	GPLDIYDVPYWK	AGAP000252-PA	-	61	1.17E-05	2	1465.743	4.51	Malpighian tubule	X:+:4608435-4608470	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_20741	HLATVHQFDQEALKDYFPLPR	AGAP000252-PA	-	122	8.07E-12	1	2525.301	3.07	Head	X:+:4608477-4608539	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_30724	MAGSVEAVR	AGAP000252-PA	M1(Oxidation)	50	0.000147684	1	935.465	3.3	Malpighian tubule	X:+:4608315-4608341	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_31099	GRDPSPTALLQTLGIYKPQTVGGGGGSVAAHPK	AGAP000252-PA	-	109	3.62E-11	1	3230.755	8.38	Malpighian tubule	X:+:4609458-4609556	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_32896	MIAADVYSAFAEAK	AGAP000252-PA	M1(Oxidation)	40	0.001762676	2	1502.732	8.05	Malpighian tubule	X:+:4609317-4609358	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_34196	ITLQPAVAER	AGAP000252-PA	-	29	0.00640925	1	1097.631	0	Head	X:+:4608096-4608125	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_38105	VLAGLFQLAEQLFGVR	AGAP000252-PA	-	88	4.21E-09	2	1761.005	-0.67	Midgut	X:+:4608540-4608587	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_43362	CVGAIGQQAIAAEK	AGAP000252-PA	C1(Carbamidomethyl)	95	4.86E-09	1	1415.732	0.63	Visceras	X:+:4607487-4607528	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_46320	TLYLGNSSR	AGAP000252-PA	-	40	0.00110004	1	1010.527	0.88	Malpighian tubule	X:+:4607667-4607693	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_47237	SLENSSHLESIR	AGAP000252-PA	-	80	1.52E-07	1	1371.681	-3.92	Head	X:+:4608210-4608245	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_48384	SLENSSHLESIR	AGAP000252-PA	-	81	9.31E-08	1	1371.690	2.84	Malpighian tubule	X:+:4608210-4608245	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_52036	FNSVPIYR	AGAP000252-PA	-	43	0.000448878	2	995.536	4.98	Malpighian tubule	X:+:4607754-4607777	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_53219	ALQHLLTVCR	AGAP000252-PA	C9(Carbamidomethyl)	52	4.06E-05	2	1210.672	-0.81	Salivary gland	X:+:4608897-4608926	exon=> In CDS Exon 2 of transcript AGAP000252-PA

JHU_Ag_58045	LEQAAAGTGPPVTDVIK	AGAP000252-PA	-	66	2.48E-06	2	1666.899	-1.14	Salivary gland	X:+:4607553-4607603	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_61902	LELNEILER	AGAP000252-PA	-	66	3.22E-06	2	1128.628	1.89	Malpighian tubule	X:+:4607910-4607936	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_62458	SYLTIHER	AGAP000252-PA	-	43	0.000931776	2	1018.536	3.8	Malpighian tubule	X:+:4607706-4607729	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_67662	YAKPAADGELSTLER	AGAP000252-PA	-	51	0.000137087	2	1620.828	3.43	Head	X:+:4608366-4608410	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_68219	FYDVLETGPNAPADPIGGFYTDFYSREDEK	AGAP000252-PA	-	72	6.35E-07	1	3413.555	1.89	Visceras	X:+:4608633-4608722	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_69915	HLATVHQFDQEALKDYFPLPR	AGAP000252-PA	-	105	3.63E-10	1	2525.296	0.75	Visceras	X:+:4608477-4608539	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_71884	CVGAIGQQAIAAEK	AGAP000252-PA	C1(Carbamidomethyl)	85	4.64E-08	2	1415.726	-3.94	Midgut	X:+:4607487-4607528	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_73705	AISAHYTNEDPLPEPCVEAIQR	AGAP000252-PA	C16(Carbamidomethyl)	54	5.08E-05	1	2510.212	5.41	Malpighian tubule	X:+:4609026-4609091	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_76577	FRDTFLALGGGCHPGEVFR	AGAP000252-PA	C12(Carbamidomethyl)	64	7.02E-06	1	2136.045	0.26	Visceras	X:+:4609392-4609448	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_78189	FLEYCGDR	AGAP000252-PA	C5(Carbamidomethyl)	32	0.002548013	2	1059.457	0.48	Visceras	X:+:4608126-4608149	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_81573	CVGAIGQQAIAAEK	AGAP000252-PA	C1(Carbamidomethyl)	52	8.70E-05	2	1415.736	3.57	Malpighian tubule	X:+:4607487-4607528	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_89721	LLGYESYVHMSMETK	AGAP000252-PA	M10(Oxidation), M12(Oxidation)	33	0.006048445	1	1819.834	5.42	Malpighian tubule	X:+:4608270-4608314	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_90905	LEQAAAGTGPPVTDVIK	AGAP000252-PA	-	40	0.000903666	1	1666.904	1.86	Head	X:+:4607553-4607603	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_92567	FAGEQGFR	AGAP000252-PA	-	48	0.000116475	2	911.437	-0.18	Salivary gland	X:+:4608411-4608434	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_93948	AKPDGELGGEERR	AGAP000252-PA	-	35	0.004691738	1	1413.711	2.3	Malpighian tubule	X:+:4607808-4607846	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_95530	AISAHYTNEDPLPEPCVEAIQR	AGAP000252-PA	C16(Carbamidomethyl)	46	0.000309438	2	2510.200	0.56	Visceras	X:+:4609026-4609091	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_101072	SYLTIHER	AGAP000252-PA	-	38	0.00318527	1	1018.530	-2.08	Head	X:+:4607706-4607729	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_101094	TLKGALAAGR	AGAP000252-PA	-	62	5.78E-06	2	957.586	2.27	Malpighian tubule	X:+:4607778-4607807	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_101399	LSGIEVDGSSK	AGAP000252-PA	-	41	0.001176451	1	1091.557	-1.16	Malpighian tubule	X:+:4607877-4607909	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_106000	DTFLALGGGCHPGEVFR	AGAP000252-PA	C10(Carbamidomethyl)	111	1.21E-10	1	1832.874	-0.67	Malpighian tubule	X:+:4609398-4609448	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_106638	FAGEQGFRGPLDIYDVPYWK	AGAP000252-PA	-	107	2.54E-10	1	2358.169	5.59	Malpighian tubule	X:+:4608411-4608470	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_110795	HLATVHQFDQEALKDYFPLPR	AGAP000252-PA	-	63	6.68E-06	1	2525.293	-0.22	Midgut	X:+:4608477-4608539	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_111511	ALQHLLTVCR	AGAP000252-PA	C9(Carbamidomethyl)	49	7.78E-05	2	1210.676	3.02	Malpighian tubule	X:+:4608897-4608926	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_114753	AKPDGELGGEER	AGAP000252-PA	-	91	8.74E-09	1	1257.610	2.47	Malpighian tubule	X:+:4607808-4607843	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_116248	GPLDIYDVPYWK	AGAP000252-PA	-	66	3.59E-06	2	1465.739	1.84	Salivary gland	X:+:4608435-4608470	exon=> In CDS Exon 2 of transcript AGAP000252-PA
JHU_Ag_15621	DLFGQFEWAR	AGAP000253-PA	-	54	4.92E-05	2	1268.608	1.52	Head	X:-:4610624-4610595	exon=> In CDS Exon 1 of transcript AGAP000253-PA
JHU_Ag_18949	TSGAPATTTTTTTPASNPYSSVVR	AGAP000253-PA	-	77	2.87E-07	2	2368.170	3.05	Head	X:-:4611125-4611054	exon=> In CDS Exon 1 of transcript AGAP000253-PA
JHU_Ag_49293	IAPHTILNLTFWDQFK	AGAP000253-PA	-	65	2.75E-06	1	1944.042	1.89	Head	X:-:4610283-4610236	exon=> In CDS Exon 2 of transcript AGAP000253-PA

JHU_Ag_62793	TLNQFPDTLLGDPDR	AGAP000254-PB,AGAP000254-PA	-	36	0.003739366	2	1701.845	0.34	Head	X:+:4774478-4774522;X:+:4774478-4774522	exon=> In CDS Exon 2 of transcript AGAP000254-PB;exon=> In CDS Exon 2 of transcript AGAP000254-PA
JHU_Ag_63513	RPVNVPLDVFSEEIK	AGAP000254-PB,AGAP000254-PA	-	83	3.98E-08	1	1741.956	4.56	Head	X:+:4776708-4776752;X:+:4776708-4776752	exon=> In CDS Exon 3 of transcript AGAP000254-PB;exon=> In CDS Exon 3 of transcript AGAP000254-PA
JHU_Ag_690	NAGGTVTLVVQYRPEDYNRFEQR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	88	2.03E-08	1	2712.355	2.3	Ovary	X:-:4825461-4825393;X:-:4825461-4825393;X:-:4825461-4825393	exon=> In CDS Exon 9 of transcript AGAP000255-PA;exon=> In CDS Exon 7 of transcript AGAP000255-PD;exon=> In CDS Exon 9 of transcript AGAP000255-PE
JHU_Ag_3087	RTLYVR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	36	0.00133614	2	807.483	-0.68	Head	X:-:4825329-4825461,4824976-4825240;X:-:4825329-4825461,4824976-4825240;X:-:4825329-4825461,4824976-4825240	exon=> In CDS Exon 10 and 9 of transcript AGAP000255-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP000255-PD;exon=> In CDS Exon 10 and 9 of transcript AGAP000255-PE
JHU_Ag_6353	ALFDYDPNRDDGLPTR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	35	0.005077985	1	1864.893	5.36	Malpighian tubule	X:-:4825239-4825192;X:-:4825239-4825192;X:-:4825239-4825192	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_7076	VVNVTHGEAVDALK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	41	0.000694197	1	1451.786	0.33	Salivary gland	X:-:4829307-4829266;X:-:4829307-4829266;X:-:4829307-4829266	exon=> In CDS Exon 5 of transcript AGAP000255-PA;exon=> In CDS Exon 3 of transcript AGAP000255-PD;exon=> In CDS Exon 5 of transcript AGAP000255-PE
JHU_Ag_8329	NLENVVHEEAVATLK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	114	3.97E-11	1	1665.883	1.52	Head	X:-:4828921-4828877;X:-:4828921-4828877;X:-:4828921-4828877	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_9260	VVNVTHGEAVDALK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	117	1.77E-11	1	1451.788	1.76	Head	X:-:4829307-4829266;X:-:4829307-4829266;X:-:4829307-4829266	exon=> In CDS Exon 5 of transcript AGAP000255-PA;exon=> In CDS Exon 3 of transcript AGAP000255-PD;exon=> In CDS Exon 5 of transcript AGAP000255-PE
JHU_Ag_10008	VVNVTHGEAVDALK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	67	2.02E-06	1	1451.783	-1.78	Midgut	X:-:4829307-4829266;X:-:4829307-4829266;X:-:4829307-4829266	exon=> In CDS Exon 5 of transcript AGAP000255-PA;exon=> In CDS Exon 3 of transcript AGAP000255-PD;exon=> In CDS Exon 5 of transcript AGAP000255-PE

JHU_Ag_12687	VIGEDEEESIGIVPSK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	53	7.51E-05	2	1700.867	4.57	Midgut	X:-:4825116-4825069;X:-:4825116-4825069;X:-:4825116-4825069	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_13217	VTLHIR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	32	0.001956131	1	738.459	-4.75	Head	X:-:4829250-4829517,4828551-4829150;X:-:4829250-4829517,4828551-4829150;X:-:4829250-4829517,4828551-4829150	exon=> In CDS Exon 6 and 5 of transcript AGAP000255-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000255-PD;exon=> In CDS Exon 6 and 5 of transcript AGAP000255-PE
JHU_Ag_13587	HGDILHVTNASDDEWWQAR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	119	1.68E-11	1	2250.033	0.5	Head	X:-:4825176-4825120;X:-:4825176-4825120;X:-:4825176-4825120	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_14649	DRINDDLISEYPNK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	84	7.46E-08	1	1691.825	0.84	Head	X:-:4819353-4819312;X:-:4819353-4819312;X:-:4819353-4819312	exon=> In CDS Exon 14 of transcript AGAP000255-PA;exon=> In CDS Exon 12 of transcript AGAP000255-PD;exon=> In CDS Exon 15 of transcript AGAP000255-PE
JHU_Ag_16514	RGDQLLSVNGISLANASHEDAAQALK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	Q4(Deamidated),N9(Deamidated)	177	1.71E-17	1	2678.396	3.99	Head	X:-:4825625-4825548;X:-:4825625-4825548;X:-:4825625-4825548	exon=> In CDS Exon 8 of transcript AGAP000255-PA;exon=> In CDS Exon 6 of transcript AGAP000255-PD;exon=> In CDS Exon 8 of transcript AGAP000255-PE
JHU_Ag_19853	GDQLLSVNGISLANASHEDAAQALK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	64	4.02E-06	1	2522.297	5.06	Head	X:-:4825622-4825548;X:-:4825622-4825548;X:-:4825622-4825548	exon=> In CDS Exon 8 of transcript AGAP000255-PA;exon=> In CDS Exon 6 of transcript AGAP000255-PD;exon=> In CDS Exon 8 of transcript AGAP000255-PE
JHU_Ag_19858	RVIGEDEEESIGIVPSK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	77	2.64E-07	1	1856.966	3.17	Head	X:-:4825119-4825069;X:-:4825119-4825069;X:-:4825119-4825069	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_20049	AVSSEDITRVPR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	36	0.003844076	1	1329.717	3.88	Malpighian tubule	X:-:4828576-4829158,4828393-4828459;X:-:4828576-4829158,4828393-4828459;X:-:4828576-4829158,4828393-4828459	exon=> In CDS Exon 7 and 6 of transcript AGAP000255-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP000255-PD;exon=> In CDS Exon 7 and 6 of transcript AGAP000255-PE

JHU_Ag_20857	LQISYTRPVIILGPLKDR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	77	1.11E-08	1	2082.248	1.95	Head	X:-:4819401-4819348;X:-:4819401-4819348;X:-:4819401-4819348	exon=> In CDS Exon 14 of transcript AGAP000255-PA;exon=> In CDS Exon 12 of transcript AGAP000255-PD;exon=> In CDS Exon 15 of transcript AGAP000255-PE
JHU_Ag_23845	LEEIELLK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	49	0.000159911	2	986.577	-0.19	Ovary	X:-:4829119-4829096;X:-:4829119-4829096;X:-:4829119-4829096	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_26058	INDDLISEYPNK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	62	1.28E-05	1	1420.697	1.28	Salivary gland	X:-:4819347-4819312;X:-:4819347-4819312;X:-:4819347-4819312	exon=> In CDS Exon 14 of transcript AGAP000255-PA;exon=> In CDS Exon 12 of transcript AGAP000255-PD;exon=> In CDS Exon 15 of transcript AGAP000255-PE
JHU_Ag_27258	VIGEDEEESIGIVPSKR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	59	1.41E-05	1	1856.972	6.33	Malpighian tubule	X:-:4825116-4825066;X:-:4825116-4825066;X:-:4825116-4825066	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_38499	LQISYTRPVIILGPLK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	87	1.12E-09	1	1811.119	1.72	Head	X:-:4819401-4819354;X:-:4819401-4819354;X:-:4819401-4819354	exon=> In CDS Exon 14 of transcript AGAP000255-PA;exon=> In CDS Exon 12 of transcript AGAP000255-PD;exon=> In CDS Exon 15 of transcript AGAP000255-PE
JHU_Ag_44102	VIPGGAAHVDGR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	47	0.000263384	1	1148.618	0.39	Head	X:-:4829385-4829350;X:-:4829385-4829350;X:-:4829385-4829350	exon=> In CDS Exon 5 of transcript AGAP000255-PA;exon=> In CDS Exon 3 of transcript AGAP000255-PD;exon=> In CDS Exon 5 of transcript AGAP000255-PE
JHU_Ag_52016	GLGFSIAGGIGNQHIPGDNGIYVTK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	76	2.68E-07	1	2485.286	1.04	Ovary	X:-:4829086-4829012;X:-:4829086-4829012;X:-:4829086-4829012	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_52564	NAGGTVTLVVQYRPEDYNRFEQR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	54	5.21E-05	1	2712.358	3.38	Malpighian tubule	X:-:4825461-4825393;X:-:4825461-4825393;X:-:4825461-4825393	exon=> In CDS Exon 9 of transcript AGAP000255-PA;exon=> In CDS Exon 7 of transcript AGAP000255-PD;exon=> In CDS Exon 9 of transcript AGAP000255-PE
JHU_Ag_54425	NLENVVHEEAVATLK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	95	2.99E-09	1	1665.885	2.54	Ovary	X:-:4828921-4828877;X:-:4828921-4828877;X:-:4828921-4828877	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE

JHU_Ag_56770	ALFDYDPNRDDGLPTR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	74	5.47E-07	1	1864.888	3.03	Head	X:-:4825239-4825192;X:-:4825239-4825192;X:-:4825239-4825192	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_57579	GLGFSIAGGIGNQHIPGDNGIYVTK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	89	1.18E-08	1	2485.292	3.48	Head	X:-:4829086-4829012;X:-:4829086-4829012;X:-:4829086-4829012	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_57757	FGSCVPHTTRPK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	C4(Carbamidomethyl)	38	0.002635382	1	1386.696	0.8	Head	X:-:4819311-4819439,4818928-4819194;X:-:4819311-4819439,4818928-4819194;X:-:4819311-4819439,4818928-4819194	exon=> In CDS Exon 15 and 14 of transcript AGAP000255-PA;exon=> In CDS Exon 13 and 12 of transcript AGAP000255-PD;exon=> In CDS Exon 16 and 15 of transcript AGAP000255-PE
JHU_Ag_60615	RGDQLLSVNGISLANASHEDAAQALK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	92	5.47E-09	1	2678.400	5.43	Ovary	X:-:4825625-4825548;X:-:4825625-4825548;X:-:4825625-4825548	exon=> In CDS Exon 8 of transcript AGAP000255-PA;exon=> In CDS Exon 6 of transcript AGAP000255-PD;exon=> In CDS Exon 8 of transcript AGAP000255-PE
JHU_Ag_60819	ALFDYDPNRDDGLPTR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	43	0.000712596	1	1864.887	2.61	Midgut	X:-:4825239-4825192;X:-:4825239-4825192;X:-:4825239-4825192	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_61295	VVNVTHGEAVDALK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	37	0.001496053	1	1451.794	5.71	Malpighian tubule	X:-:4829307-4829266;X:-:4829307-4829266;X:-:4829307-4829266	exon=> In CDS Exon 5 of transcript AGAP000255-PA;exon=> In CDS Exon 3 of transcript AGAP000255-PD;exon=> In CDS Exon 5 of transcript AGAP000255-PE
JHU_Ag_65899	VIGEDEEESIGIVPSK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	95	4.22E-09	2	1700.865	3.42	Head	X:-:4825116-4825069;X:-:4825116-4825069;X:-:4825116-4825069	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_69391	ALFDYDPNRDDGLPTR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	49	0.000199109	1	1864.888	3.03	Salivary gland	X:-:4825239-4825192;X:-:4825239-4825192;X:-:4825239-4825192	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE

JHU_Ag_71905	NLENVVHEEAVATLK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	50	0.000115862	2	1665.885	2.69	Midgut	X:-:4828921-4828877;X:-:4828921-4828877;X:-:4828921-4828877	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_71943	HGDILHVTNASDDEWWQAR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	90	1.39E-08	1	2250.047	6.6	Malpighian tubule	X:-:4825176-4825120;X:-:4825176-4825120;X:-:4825176-4825120	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_73111	ATLIVQK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	37	0.000871448	2	772.494	1.62	Malpighian tubule	X:-:4828861-4828841;X:-:4828861-4828841;X:-:4828861-4828841	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_77818	VIGEDEEESIGIVPSKR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	65	3.56E-06	1	1856.964	2.12	Head	X:-:4825116-4825066;X:-:4825116-4825066;X:-:4825116-4825066	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_82880	INDDLISEYPNK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	69	2.36E-06	1	1420.696	0.42	Head	X:-:4819347-4819312;X:-:4819347-4819312;X:-:4819347-4819312	exon=> In CDS Exon 14 of transcript AGAP000255-PA;exon=> In CDS Exon 12 of transcript AGAP000255-PD;exon=> In CDS Exon 15 of transcript AGAP000255-PE
JHU_Ag_87651	INDDLISEYPNK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	63	9.39E-06	2	1420.698	1.79	Male reproductive organs	X:-:4819347-4819312;X:-:4819347-4819312;X:-:4819347-4819312	exon=> In CDS Exon 14 of transcript AGAP000255-PA;exon=> In CDS Exon 12 of transcript AGAP000255-PD;exon=> In CDS Exon 15 of transcript AGAP000255-PE
JHU_Ag_103792	DIQNHLFIEAGQYNDNLYGTSVASVR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	155	3.97E-15	1	2924.424	2.35	Head	X:-:4819130-4819053;X:-:4819130-4819053;X:-:4819130-4819053	exon=> In CDS Exon 15 of transcript AGAP000255-PA;exon=> In CDS Exon 13 of transcript AGAP000255-PD;exon=> In CDS Exon 16 of transcript AGAP000255-PE
JHU_Ag_104860	HCILDVSGNAIK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	C2(Carbamidomethyl)	79	1.55E-07	1	1326.682	-1.19	Head	X:-:4819031-4818996;X:-:4819031-4818996;X:-:4819031-4818996	exon=> In CDS Exon 15 of transcript AGAP000255-PA;exon=> In CDS Exon 13 of transcript AGAP000255-PD;exon=> In CDS Exon 16 of transcript AGAP000255-PE
JHU_Ag_107883	LEEIELLK	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	37	0.001391695	2	986.578	1.05	Salivary gland	X:-:4829119-4829096;X:-:4829119-4829096;X:-:4829119-4829096	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE

JHU_Ag_109311	IMEGGAAHIDGR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	M2(Oxidation)	45	0.000326 86	1	1242.591	0.8	Head	X:-:4829011-4828976;X:-:4829011-4828976;X:-:4829011-4828976	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_110227	SHSPAFGLENSSSR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	51	0.000104 691	1	1475.687	-0.4	Head	X:-:4828669-4828628;X:-:4828669-4828628;X:-:4828669-4828628	exon=> In CDS Exon 6 of transcript AGAP000255-PA;exon=> In CDS Exon 4 of transcript AGAP000255-PD;exon=> In CDS Exon 6 of transcript AGAP000255-PE
JHU_Ag_114044	HGDILHVTNASDDEWWQAR	AGAP000255-PA,AGAP000255-PD,AGAP000255-PE	-	143	6.45E-14	1	2250.040	3.43	Ovary	X:-:4825176-4825120;X:-:4825176-4825120;X:-:4825176-4825120	exon=> In CDS Exon 10 of transcript AGAP000255-PA;exon=> In CDS Exon 8 of transcript AGAP000255-PD;exon=> In CDS Exon 10 of transcript AGAP000255-PE
JHU_Ag_5784	ALRSAIER	AGAP000255-PA,AGAP000255-PE	-	30	0.008118 092	1	915.544	7.8	Midgut	X:-:4856869-4856846;X:-:4856869-4856846	exon=> In CDS Exon 2 of transcript AGAP000255-PA;exon=> In CDS Exon 2 of transcript AGAP000255-PE
JHU_Ag_35287	ALELLEDYHSR	AGAP000255-PA,AGAP000255-PE	-	75	4.62E-07	1	1345.681	4.65	Head	X:-:4856923-4856891;X:-:4856923-4856891	exon=> In CDS Exon 2 of transcript AGAP000255-PA;exon=> In CDS Exon 2 of transcript AGAP000255-PE
JHU_Ag_54125	ALELLEDYHSR	AGAP000255-PA,AGAP000255-PE	-	64	5.76E-06	1	1345.679	3.38	Visceras	X:-:4856923-4856891;X:-:4856923-4856891	exon=> In CDS Exon 2 of transcript AGAP000255-PA;exon=> In CDS Exon 2 of transcript AGAP000255-PE
JHU_Ag_69876	ALELLEDYHSR	AGAP000255-PA,AGAP000255-PE	-	39	0.001793 923	3	1345.674	-0.85	Ovary	X:-:4856923-4856891;X:-:4856923-4856891	exon=> In CDS Exon 2 of transcript AGAP000255-PA;exon=> In CDS Exon 2 of transcript AGAP000255-PE
JHU_Ag_47364	QLNGDSPWEYDEITLIR	AGAP000255-PD	N3(Deamidated)	96	4.41E-09	2	2048.999	3.24	Head	X:-:4829674-4829704,4829242-4829470	exon=> In CDS Exon 3 and 2 of transcript AGAP000255-PD
JHU_Ag_61000	VSSLFSLDTVPTSNANDTK	AGAP000255-PD	-	43	0.000655 777	2	1995.994	3.53	Ovary	X:-:4830336-4830408,4829672-4829675	exon=> In CDS Exon 2 and 1 of transcript AGAP000255-PD
JHU_Ag_56059	AAGLNYINYSNIAARLLR	AGAP000260-PC,AGAP000260-PA	-	83	2.12E-08	1	1993.102	2.22	Visceras	X:+:4916310-4916323,4916449-4916488;X:+:4916310-4916323,4916449-4916488	exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_101307	ALKPELRAQAVR	AGAP000260-PC,AGAP000260-PA	-	40	9.85E-05	1	1351.821	3.19	Malpighian tubule	X:+:4916492-4916527;X:+:4916492-4916527	exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_114884	TLSVVLHPDKSDAEDANIR	AGAP000261-PA	-	93	5.75E-09	1	2080.067	-0.13	Midgut	X:+:4919853-4919909	exon=> In CDS Exon 1 of transcript AGAP000261-PA
JHU_Ag_51730	QILRTLLVK	AGAP000262-PA	-	13	0.004549 881	1	1083.726	0.8	Malpighian tubule	X:+:4930070-4930096	exon=> In CDS Exon 2 of transcript AGAP000262-PA
JHU_Ag_64760	MSQRLR	AGAP000262-PA	M1(Oxidation), Q3(Deamidated)	32	0.006798 427	2	807.422	10.03	Head	X:+:4926354-4926371	exon=> In CDS Exon 1 of transcript AGAP000262-PA

JHU_Ag_102206	SATPLSNAGTTTTATATPPSAAAVHPGSSR	AGAP000264-PA	-	176	3.82E-17	1	2780.384	1.19	Head	X:+:4952128-4952217	exon=> In CDS Exon 7 of transcript AGAP000264-PA
JHU_Ag_81902	DAIPNVPSQEGVSTSR	AGAP000264-PA,AGAP000264-PB	-	73	7.71E-07	1	1656.822	1.66	Head	X:+:4946388-4946435;X:+:4946388-4946435	exon=> In CDS Exon 4 of transcript AGAP000264-PA;exon=> In CDS Exon 4 of transcript AGAP000264-PB
JHU_Ag_70483	LLAVIVHSGEANAGHFVTYR	AGAP000269-PA	-	143	3.05E-14	1	2154.152	2.81	Head	X:-:4979650-4979591	exon=> In CDS Exon 2 of transcript AGAP000269-PA
JHU_Ag_12613	VTLAPVAPVASVR	AGAP000270-PA	-	34	0.0004224	1	1279.773	-0.16	Salivary gland	X:+:4983888-4983926	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_19524	TAISEMSEGLLKPDK	AGAP000270-PA	M6(Oxidation)	41	0.00141206	1	1634.830	-0.59	Ovary	X:+:4984299-4984343	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_20945	TIEPLNNLLATGLPK	AGAP000270-PA	-	87	4.16E-09	2	1593.924	1.73	Ovary	X:+:4984677-4984721	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_22416	RLPAEGLSYNPAIDDYLELK	AGAP000270-PA	-	50	0.000118143	1	2277.183	3.09	Ovary	X:+:4984134-4984193	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_25023	ELVHHTLAHTGKPLVTNLPAR	AGAP000270-PA	-	109	2.56E-11	1	2304.298	1.8	Ovary	X:+:4984035-4984097	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_30089	LDLPIDFVEPEK	AGAP000270-PA	-	88	2.06E-08	1	1414.749	1.47	Ovary	X:+:4984623-4984658	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_30175	SLLPLVNTSNVSDPVVK	AGAP000270-PA	-	131	3.30E-13	1	1781.997	-2.08	Ovary	X:+:4983816-4983866	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_41302	LPAEGLSYNPAIDDYLELKDK	AGAP000270-PA	-	148	2.00E-14	1	2364.194	-1.1	Ovary	X:+:4984137-4984199	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_62186	LLEQELHK	AGAP000270-PA	-	44	0.000271852	1	1009.567	-1	Ovary	X:+:4984485-4984508	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_70201	HIDISDVDQFLEEQRQDER	AGAP000270-PA	-	57	2.85E-05	1	2372.117	2.45	Ovary	X:+:4983639-4983695	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_76931	LVEIDRVEEIAAEVEQEVQQTQR	AGAP000270-PA	-	54	3.92E-05	1	2711.403	6.88	Ovary	X:+:4984509-4984577	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_85161	VTLAPVAPVASVR	AGAP000270-PA	-	55	2.86E-06	1	1279.774	0.7	Ovary	X:+:4983888-4983926	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_104151	IADKPDQELFSEEK	AGAP000270-PA	-	57	3.61E-05	1	1648.808	1.08	Ovary	X:+:4983708-4983749	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_106845	FGELPR	AGAP000270-PA	-	41	0.001419609	2	718.389	0.68	Ovary	X:+:4983798-4983815	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_108395	HIDISDVDQFLEEQR	AGAP000270-PA	-	108	2.51E-10	1	1843.880	-1.22	Ovary	X:+:4983639-4983683	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_109344	AKLDLPIDFVEPEK	AGAP000270-PA	-	77	1.79E-07	1	1613.877	-0.92	Ovary	X:+:4984617-4984658	exon=> In CDS Exon 1 of transcript AGAP000270-PA
JHU_Ag_26954	SASAPEDFTETVQR	AGAP000271-PA	-	60	1.43E-05	2	1537.721	4.99	Malpighian tubule	X:+:4987835-4987876	exon=> In CDS Exon 1 of transcript AGAP000271-PA
JHU_Ag_51949	AALELLDLFLSK	AGAP000271-PA	-	69	5.64E-07	2	1332.782	3.47	Ovary	X:+:4990529-4990564	exon=> In CDS Exon 3 of transcript AGAP000271-PA
JHU_Ag_93505	SASAPEDFTETVQR	AGAP000271-PA	-	40	0.001163171	1	1537.713	0.14	Ovary	X:+:4987835-4987876	exon=> In CDS Exon 1 of transcript AGAP000271-PA
JHU_Ag_103764	AALELLDLFLSK	AGAP000271-PA	-	38	0.000696238	2	1332.775	-2.11	Larva	X:+:4990529-4990564	exon=> In CDS Exon 3 of transcript AGAP000271-PA
JHU_Ag_25045	VLPNILVTGTPGTGKSELCR	AGAP000272-PA	C19(Carbamidomethyl)	37	0.001031081	1	2112.155	3.31	Malpighian tubule	X:+:4994681-4994705,4994805-4994839	exon=> In CDS Exon 1 and 2 of transcript AGAP000272-PA
JHU_Ag_78557	VLPNILVTGTPGTGK	AGAP000272-PA	-	58	4.32E-06	1	1466.860	1.2	Male reproductive organs	X:+:4994681-4994705,4994805-4994824	exon=> In CDS Exon 1 and 2 of transcript AGAP000272-PA
JHU_Ag_2615	LNLDHGSAEEHQEFQR	AGAP000273-PA	-	67	2.53E-06	1	1909.885	3.27	Malpighian tubule	X:+:5000418-5000465	exon=> In CDS Exon 2 of transcript AGAP000273-PA

JHU_Ag_4641	ICEVPR	AGAP000273-PA	C2(Carbamidomethyl)	39	0.000802239	2	773.401	3.99	Malpighian tubule	X:+:5002679-5002696	exon=> In CDS Exon 3 of transcript AGAP000273-PA
JHU_Ag_20767	AKTTILK	AGAP000273-PA	-	23	0.001644629	1	774.513	5.31	Ovary	X:+:5002697-5002717	exon=> In CDS Exon 3 of transcript AGAP000273-PA
JHU_Ag_28707	IRDEIVTDDAK	AGAP000273-PA	-	48	0.000307973	2	1274.653	-4.79	Head	X:+:5002344-5002376	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_29134	SAVTQYLASIIK	AGAP000273-PA	-	56	8.83E-06	1	1293.741	-0.24	Malpighian tubule	X:+:4999932-4999967	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_36588	LTALVIDDGAVKK	AGAP000273-PA	-	27	0.00544811	1	1342.798	2.72	Malpighian tubule	X:+:5001384-5001422	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_40352	SLPEVNQFIR	AGAP000273-PA	-	37	0.002452302	2	1202.657	3.78	Malpighian tubule	X:+:5001963-5001992	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_41463	LAAELAR	AGAP000273-PA	-	52	8.37E-05	2	743.441	0.28	Head	X:+:5002389-5002409	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_47740	VLALQSLHVIVGR	AGAP000273-PA	-	36	0.000126871	1	1404.875	4.38	Salivary gland	X:+:5001495-5001533	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_52269	DKLPEITAILR	AGAP000273-PA	-	28	0.003025198	1	1268.759	1.67	Male reproductive organs	X:+:5000247-5000279	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_52889	DAIAQHYTDAVVR	AGAP000273-PA	-	41	0.001312245	1	1458.737	2.22	Head	X:+:5001543-5001581	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_53406	DKLPEITAILR	AGAP000273-PA	-	28	0.003025198	1	1268.760	1.96	Ovary	X:+:5000247-5000279	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_64993	SLLVVTHLTNTSEPVVR	AGAP000273-PA	-	69	4.73E-07	1	1865.053	2.2	Head	X:+:5000196-5000246	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_76787	SAVTQYLASIIK	AGAP000273-PA	-	88	6.26E-09	2	1293.746	3.63	Head	X:+:4999932-4999967	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_77300	SAVTQYLASIIK	AGAP000273-PA	-	34	0.001430586	2	1293.743	1.56	Ovary	X:+:4999932-4999967	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_77583	VLQAIEPAKFEPFQVSSAIR	AGAP000273-PA	-	37	0.001365342	1	2230.213	-4.53	Head	X:+:5004950-5005009	exon=> In CDS Exon 4 of transcript AGAP000273-PA
JHU_Ag_79938	VLQAIEPAKFEPFQVSSAIR	AGAP000273-PA	-	87	8.82E-09	1	2230.231	3.68	Malpighian tubule	X:+:5004950-5005009	exon=> In CDS Exon 4 of transcript AGAP000273-PA
JHU_Ag_97300	GNAAILIGLLHCQNANVK	AGAP000273-PA	C12(Carbamidomethyl)	32	0.004278983	1	1906.035	1.37	Head	X:+:5005507-5005528,5005597-5005628	exon=> In CDS Exon 5 and 6 of transcript AGAP000273-PA
JHU_Ag_107381	ESAILLFGDLCGLK	AGAP000273-PA	C11(Carbamidomethyl)	46	0.000262074	2	1535.822	5.34	Head	X:+:5005049-5005090	exon=> In CDS Exon 4 of transcript AGAP000273-PA
JHU_Ag_112810	LNLDHGSAEEHQEFQR	AGAP000273-PA	-	52	7.02E-05	1	1909.876	-1.53	Head	X:+:5000418-5000465	exon=> In CDS Exon 2 of transcript AGAP000273-PA
JHU_Ag_7504	QQIIETAQQIR	AGAP000275-PA	-	53	4.02E-05	2	1327.731	-1.05	Head	X:-:5009883-5009851	exon=> In CDS Exon 4 of transcript AGAP000275-PA
JHU_Ag_14185	GLVDVSIPK	AGAP000275-PA	-	35	0.001958177	2	927.554	3.55	Larva	X:-:5009316-5009290	exon=> In CDS Exon 5 of transcript AGAP000275-PA
JHU_Ag_37914	GLVDVSIPK	AGAP000275-PA	-	33	0.003313503	2	927.551	-0.13	Pupa	X:-:5009316-5009290	exon=> In CDS Exon 5 of transcript AGAP000275-PA
JHU_Ag_70400	SSPEDTSPASDRQTAAPNAGVK	AGAP000275-PA	-	40	0.00133101	1	2186.040	3.76	Malpighian tubule	X:-:5019199-5019248,5009992-5010276	exon=> In CDS Exon 3 and 2 of transcript AGAP000275-PA
JHU_Ag_77309	YLLYLNTIIR	AGAP000275-PA	-	39	0.000255377	1	1281.758	0.82	Salivary gland	X:-:5009289-5009260	exon=> In CDS Exon 5 of transcript AGAP000275-PA
JHU_Ag_79788	GIMEALAEELR	AGAP000275-PA	-	39	0.002781474	2	1231.639	2.87	Pupa	X:-:5009505-5009473	exon=> In CDS Exon 5 of transcript AGAP000275-PA
JHU_Ag_85429	LVKPEEAAAAIIDGQR	AGAP000275-PA	-	32	0.003078907	3	1680.930	0.94	Head	X:-:5009367-5009320	exon=> In CDS Exon 5 of transcript AGAP000275-PA
JHU_Ag_106850	QQIIETAQQIR	AGAP000275-PA	-	65	2.94E-06	2	1327.732	-0.5	Pupa	X:-:5009883-5009851	exon=> In CDS Exon 4 of transcript AGAP000275-PA

JHU_Ag_218	MQLFDDTNGPIVDNLVVQLAHGR	AGAP000278-PA	M1(Oxidation)	139	1.30E-13	1	2552.299	2.48	Head	X:-:5035712-5035644	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_2957	EDLLAYR	AGAP000278-PA	-	47	0.000312274	2	879.458	1.58	Visceras	X:-:5035847-5035827	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_5081	SWNFPEDDTTQCYIK	AGAP000278-PA	C12(Carbamidomethyl)	88	8.91E-09	1	1903.820	1.76	Larva	X:-:5035772-5035728	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_8567	SWNFPEDDTTQCYIK	AGAP000278-PA	C12(Carbamidomethyl)	62	4.07E-06	2	1903.821	2.14	Visceras	X:-:5035772-5035728	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_14022	SWNFPEDDTTQCYIK	AGAP000278-PA	C12(Carbamidomethyl)	45	0.000180466	2	1903.815	-1	Pupa	X:-:5035772-5035728	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_41161	CAGSNTDGNVCHWAFR	AGAP000278-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	89	5.02E-09	2	1851.770	2.91	Larva	X:-:5035610-5035563	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_41663	MQLFDDTNGPIVDNLVVQLAHGR	AGAP000278-PA	M1(Oxidation)	131	9.96E-13	1	2568.292	1.71	Ovary	X:-:5035712-5035644	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_47547	SWNFPEDDTTQCYIK	AGAP000278-PA	C12(Carbamidomethyl)	93	3.06E-09	1	1903.815	-1.13	Head	X:-:5035772-5035728	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_56764	DANEVREEIVK	AGAP000278-PA	N3(Deamidated)	46	0.000454989	1	1302.657	2.87	Midgut	X:-:5035643-5035611	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_62201	EDLLAYR	AGAP000278-PA	-	43	0.000697783	2	879.460	3.18	Larva	X:-:5035847-5035827	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_79604	MQLFDDTNGPIVDNLVVQLAHGR	AGAP000278-PA	M1(Oxidation), N8(Deamidated),M1(Oxidation)	132	1.03E-12	1	2569.291	7.41	Larva	X:-:5035712-5035644	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_79851	CAGSNTDGNVCHWAFR	AGAP000278-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	88	5.42E-09	1	1851.760	-2.7	Head	X:-:5035610-5035563	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_81354	DANEVREEIVK	AGAP000278-PA	N3(Deamidated)	67	3.86E-06	1	1302.656	1.65	Head	X:-:5035643-5035611	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_87357	MQLFDDTNGPIVDNLVVQLAHGR	AGAP000278-PA	M1(Oxidation)	54	5.88E-05	3	2568.296	3.28	Midgut	X:-:5035712-5035644	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_94431	SLGVSDELVEK	AGAP000278-PA	-	42	0.001219096	1	1175.616	0.73	Larva	X:-:5035811-5035779	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_98788	SLGVSDELVEK	AGAP000278-PA	-	47	0.000350783	1	1175.616	0.53	Head	X:-:5035811-5035779	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_103260	DANEVREEIVK	AGAP000278-PA	N3(Deamidated)	65	6.39E-06	1	1302.655	1.37	Malpighian tubule	X:-:5035643-5035611	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_103308	MQLFDDTNGPIVDNLVVQLAHGR	AGAP000278-PA	M1(Oxidation)	101	8.42E-10	1	2552.307	5.42	Visceras	X:-:5035712-5035644	exon=> In CDS Exon 2 of transcript AGAP000278-PA
JHU_Ag_2897	YCLFGHNVTIANK	AGAP000280-PB,AGAP000280-PA	C2(Carbamidomethyl)	45	0.000535074	2	1536.763	-0.04	Head	X:-:5040804-5040766;X:-:5040804-5040766	exon=> In CDS Exon 5 of transcript AGAP000280-PB;exon=> In CDS Exon 5 of transcript AGAP000280-PA
JHU_Ag_20139	LLFGCEPEIELEPLPGDTPR	AGAP000280-PB,AGAP000280-PA	C5(Carbamidomethyl)	45	0.000408947	2	2282.152	6.45	Head	X:-:5042001-5041942;X:-:5042001-5041942	exon=> In CDS Exon 4 of transcript AGAP000280-PB;exon=> In CDS Exon 4 of transcript AGAP000280-PA
JHU_Ag_35143	HPDYGFQLNAR	AGAP000280-PB,AGAP000280-PA	-	39	0.001543615	1	1317.630	-2.42	Head	X:-:5040699-5040667;X:-:5040699-5040667	exon=> In CDS Exon 5 of transcript AGAP000280-PB;exon=> In CDS Exon 5 of transcript AGAP000280-PA
JHU_Ag_57148	HISSEQFQR	AGAP000280-PB,AGAP000280-PA	-	54	4.79E-05	2	1131.551	-2.96	Head	X:-:5042814-5042788;X:-:5042814-5042788	exon=> In CDS Exon 1 of transcript AGAP000280-PB;exon=> In CDS Exon 1 of transcript AGAP000280-PA

JHU_Ag_66712	GLQLHFR	AGAP000280-PB,AGAP000280-PA	-	43	0.000357421	2	870.495	0.29	Head	X:-:5041665-5041645;X:-:5041665-5041645	exon=> In CDS Exon 4 of transcript AGAP000280-PB;exon=> In CDS Exon 4 of transcript AGAP000280-PA
JHU_Ag_387	RIPLLGMLNDVMQLGKPAELHLR	AGAP000284-PA	M7(Oxidation), M12(Oxidation)	87	6.08E-09	1	2646.468	3.7	Male reproductive organs	X:-:5114624-5114747,5114192-5114386	exon=> In CDS Exon 2 and 1 of transcript AGAP000284-PA
JHU_Ag_8408	LQIGTQNAVFVR	AGAP000284-PA	-	64	2.80E-06	2	1345.760	1.08	Male reproductive organs	X:-:5114346-5114311	exon=> In CDS Exon 2 of transcript AGAP000284-PA
JHU_Ag_13006	YHEQYGDLVR	AGAP000284-PA	-	49	0.000218932	1	1279.602	-3.23	Male reproductive organs	X:-:5114376-5114347	exon=> In CDS Exon 2 of transcript AGAP000284-PA
JHU_Ag_19497	LCLKPCSAQPER	AGAP000284-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	38	0.002262957	1	1458.718	-0.53	Male reproductive organs	X:-:5112340-5112305	exon=> In CDS Exon 8 of transcript AGAP000284-PA
JHU_Ag_23187	FVEHESVFGAYALPK	AGAP000284-PA	-	66	3.69E-06	1	1693.857	-0.65	Male reproductive organs	X:-:5112840-5112796	exon=> In CDS Exon 6 of transcript AGAP000284-PA
JHU_Ag_95816	KTFQLEGAYPR	AGAP000284-PA	-	70	9.38E-07	2	1309.696	4.49	Male reproductive organs	X:-:5114292-5114260	exon=> In CDS Exon 2 of transcript AGAP000284-PA
JHU_Ag_99176	DFHWMEEPIR	AGAP000284-PA	M5(Oxidation)	77	1.39E-07	1	1375.608	-1.76	Male reproductive organs	X:-:5114052-5114023	exon=> In CDS Exon 3 of transcript AGAP000284-PA
JHU_Ag_105743	TFQLEGAYPR	AGAP000284-PA	-	52	0.000102404	2	1181.593	-1.73	Male reproductive organs	X:-:5114289-5114260	exon=> In CDS Exon 2 of transcript AGAP000284-PA
JHU_Ag_111748	LNVQPWQQFEK	AGAP000284-PA	-	53	8.13E-05	2	1416.727	-0.25	Male reproductive organs	X:-:5113350-5113318	exon=> In CDS Exon 4 of transcript AGAP000284-PA
JHU_Ag_113481	FELTLAEADQQDAIKPILK	AGAP000284-PA	-	68	1.06E-06	1	2143.165	0.13	Male reproductive organs	X:-:5112427-5112371	exon=> In CDS Exon 8 of transcript AGAP000284-PA
JHU_Ag_14243	KAQIHEIEQGLPQQNSQYLK	AGAP000285-PA	-	91	6.61E-09	1	2352.241	4.27	Larva	X:-:5117362-5117303	exon=> In CDS Exon 3 of transcript AGAP000285-PA
JHU_Ag_16560	AQIHEIEQGLPQQNSQYLK	AGAP000285-PA	-	92	6.67E-09	1	2224.144	3.56	Larva	X:-:5117359-5117303	exon=> In CDS Exon 3 of transcript AGAP000285-PA
JHU_Ag_16814	SLEAANQQYQELHER	AGAP000285-PA	-	112	7.50E-11	1	1815.869	3.58	Larva	X:-:5118422-5118488,5118160-5118243	exon=> In CDS Exon 2 and 1 of transcript AGAP000285-PA
JHU_Ag_24671	DWTELSDEYR	AGAP000285-PA	-	36	0.001099616	2	1313.566	1.04	Midgut	X:-:5118452-5118423	exon=> In CDS Exon 1 of transcript AGAP000285-PA
JHU_Ag_38908	IILGDVNVSILNR	AGAP000285-PA	-	111	1.83E-11	1	1425.848	4.02	Larva	X:-:5117302-5117264	exon=> In CDS Exon 3 of transcript AGAP000285-PA
JHU_Ag_45488	HNMDITIEGFHSWMWR	AGAP000285-PA	M3(Oxidation), M14(Oxidation)	53	4.28E-05	1	2091.927	4.88	Larva	X:-:5116099-5116052	exon=> In CDS Exon 5 of transcript AGAP000285-PA
JHU_Ag_78870	IILGDVNVSILNR	AGAP000285-PA	-	89	3.04E-09	1	1425.847	2.91	Salivary gland	X:-:5117302-5117264	exon=> In CDS Exon 3 of transcript AGAP000285-PA
JHU_Ag_81149	SLEAANQQYQELHER	AGAP000285-PA	-	49	0.000170361	1	1815.858	-2.44	Midgut	X:-:5118422-5118488,5118160-5118243	exon=> In CDS Exon 2 and 1 of transcript AGAP000285-PA
JHU_Ag_8459	ETVYEGFDSAPR	AGAP000287-PA	-	82	6.08E-08	2	1370.622	-0.34	Midgut	X:-:5122511-5122476	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_40272	ELRPYIVPEVAGQSR	AGAP000287-PA	-	61	7.15E-06	1	1713.927	-0.54	Ovary	X:-:5123099-5123055	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_42461	ETVYEGFDSAPR	AGAP000287-PA	-	75	3.19E-07	1	1370.621	-0.79	Ovary	X:-:5122511-5122476	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_48333	ELRPYIVPEVAGQSR	AGAP000287-PA	-	43	0.000516991	1	1713.927	-0.96	Midgut	X:-:5123099-5123055	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_53816	NAQFPVGAVVCAR	AGAP000287-PA	C11(Carbamidomethyl)	32	0.009789504	1	1388.704	-4.68	Midgut	X:-:5123183-5123145	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_62326	EQLAAATPR	AGAP000287-PA	-	34	0.003261 99	2	956.515	-1.51	Ovary	X:-:5122802-5122776	exon=> In CDS Exon 2 of transcript AGAP000287-PA

JHU_Ag_65804	ETVYEGFDSAPR	AGAP000287-PA	-	66	2.62E-06	2	1370.624	0.99	Salivary gland	X:-:5122511-5122476	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_73815	ETVYEGFDSAPR	AGAP000287-PA	-	54	4.06E-05	2	1370.623	0.19	Malpighian tubule	X:-:5122511-5122476	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_90798	ELGFDAVVNYR	AGAP000287-PA	-	58	1.73E-05	2	1282.644	1.38	Midgut	X:-:5122850-5122818	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_93544	IKGCHVVGLAGTEEK	AGAP000287-PA	C4(Carbamidomethyl)	56	2.71E-05	1	1597.839	1.47	Malpighian tubule	X:-:5122910-5122866	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_102899	GVDCYFDNVGGELTELVR	AGAP000287-PA	C4(Carbamidomethyl)	159	1.56E-15	1	2042.949	-0.17	Ovary	X:-:5122775-5122722	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_103020	QEGFVVFR	AGAP000287-PA	-	36	0.002174798	2	981.516	0.51	Ovary	X:-:5122607-5122584	exon=> In CDS Exon 2 of transcript AGAP000287-PA
JHU_Ag_3942	MEGFLVWR	AGAP000288-PA	-	61	1.28E-05	1	1037.523	-0.5	Midgut	X:-:5125260-5125237	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_10666	LAYEETVTEGFER	AGAP000288-PA	-	39	0.001752442	2	1543.725	-1.55	Pupa	X:-:5125176-5125138	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_15594	KWIYAK	AGAP000288-PA	-	36	0.00101173	2	808.471	-0.69	Midgut	X:-:5126049-5126032	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_22467	SENAHFPVGATVFGQFGWR	AGAP000288-PA	-	108	2.56E-10	1	2107.019	2.28	Midgut	X:-:5125842-5125786	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_37612	GVDCYFDNVGGSVTETVLK	AGAP000288-PA	C4(Carbamidomethyl)	107	2.85E-10	2	2059.966	0.7	Midgut	X:-:5125428-5125372	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_38237	IGFDAAINYK	AGAP000288-PA	-	75	3.31E-07	2	1111.583	4.19	Ovary	X:-:5125500-5125471	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_45065	LAYEETVTEGFER	AGAP000288-PA	-	76	3.36E-07	2	1543.729	0.82	Malpighian tubule	X:-:5125176-5125138	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_56369	RNDVYGELK	AGAP000288-PA	-	37	0.002900781	1	1093.560	-3.5	Head	X:-:5125470-5125444	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_63282	SENAHFPVGATVFGQFGWR	AGAP000288-PA	-	61	1.14E-05	3	2107.017	1.23	Malpighian tubule	X:-:5125842-5125786	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_67719	LAYEETVTEGFER	AGAP000288-PA	-	91	9.92E-09	2	1543.727	-0.29	Midgut	X:-:5125176-5125138	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_74388	MPDAFIDMLR	AGAP000288-PA	-	71	1.11E-06	1	1208.583	2.57	Malpighian tubule	X:-:5125137-5125108	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_76201	AFQGEPHHGNFR	AGAP000288-PA	-	76	2.76E-07	1	1396.649	-0.79	Midgut	X:-:5126031-5125996	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_77324	LAYEETVTEGFER	AGAP000288-PA	-	85	3.92E-08	2	1543.728	0.35	Visceras	X:-:5125176-5125138	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_82557	IAVCGAISNYNSAVGK	AGAP000288-PA	C4(Carbamidomethyl)	44	0.000592126	1	1623.815	-0.84	Midgut	X:-:5125350-5125303	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_84496	LAYEETVTEGFER	AGAP000288-PA	-	73	6.85E-07	1	1543.727	-0.52	Ovary	X:-:5125176-5125138	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_88321	GVDCYFDNVGGSVTETVLK	AGAP000288-PA	C4(Carbamidomethyl)	81	1.23E-07	1	2059.965	0.22	Ovary	X:-:5125428-5125372	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_92138	AVGIAGTEEKCEWLR	AGAP000288-PA	C11(Carbamidomethyl)	91	1.44E-08	1	1718.852	-0.6	Midgut	X:-:5125548-5125504	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_97529	MPDAFIDMLR	AGAP000288-PA	M1(Oxidation), M8(Oxidation)	63	7.87E-06	2	1208.580	-0.15	Midgut	X:-:5125137-5125108	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_98562	GVDCYFDNVGGSVTETVLK	AGAP000288-PA	C4(Carbamidomethyl)	88	2.25E-08	2	2059.968	2	Malpighian tubule	X:-:5125428-5125372	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_99884	AFQGEPHHGNFR	AGAP000288-PA	-	36	0.003267152	1	1396.651	0.54	Pupa	X:-:5126031-5125996	exon=> In CDS Exon 2 of transcript AGAP000288-PA
JHU_Ag_14873	ETVTDGFENMPR	AGAP000289-PA	M10(Oxidation)	93	3.11E-09	2	1411.613	-1.99	Midgut	X:-:5127557-5127522	exon=> In CDS Exon 2 of transcript AGAP000289-PA
JHU_Ag_18768	ALYLSVDPYMR	AGAP000289-PA	M10(Oxidation)	49	0.000149556	2	1343.664	-1.56	Midgut	X:-:5128337-5128305	exon=> In CDS Exon 2 of transcript AGAP000289-PA

JHU_Ag_44626	VVGIAGSTEK	AGAP000289-PA	-	37	0.002921049	2	960.535	-0.73	Midgut	X:-:5127944-5127915	exon=> In CDS Exon 2 of transcript AGAP000289-PA
JHU_Ag_46978	IAVCGTISQYNGR	AGAP000289-PA	C4(Carbamidomethyl), N11(Deamidated)	46	0.000434525	2	1439.702	5.23	Ovary	X:-:5127746-5127708	exon=> In CDS Exon 2 of transcript AGAP000289-PA
JHU_Ag_94448	ELGFDGVINYKEEDVGEALR	AGAP000289-PA	-	113	8.60E-11	1	2253.104	0.14	Midgut	X:-:5127899-5127840	exon=> In CDS Exon 2 of transcript AGAP000289-PA
JHU_Ag_117376	QLAPDGVDCYFDNVGGR	AGAP000289-PA	C9(Carbamidomethyl)	96	2.56E-09	1	1882.838	-0.65	Midgut	X:-:5127839-5127789	exon=> In CDS Exon 2 of transcript AGAP000289-PA
JHU_Ag_5457	RPGFFSQVVDNIK	AGAP000291-PA	-	35	0.003208655	1	1506.821	9.5	Ovary	X:+:5134453-5134491	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_7878	LTEALDEAAR	AGAP000291-PA	-	83	9.16E-08	2	1088.559	0.32	Visceras	X:+:5134672-5134701	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_19205	RPGFFSQVVDNIK	AGAP000291-PA	-	60	1.17E-05	1	1506.810	2.05	Visceras	X:+:5134453-5134491	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_26709	LTEALDEAAR	AGAP000291-PA	-	80	1.98E-07	2	1088.558	-0.35	Ovary	X:+:5134672-5134701	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_32581	TELSETLTEICKIDPSFDQK	AGAP000291-PA	C11(Carbamidomethyl)	33	0.007864594	1	2354.152	3.78	Ovary	X:+:5135161-5135220	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_33684	MKYDESENPMIR	AGAP000291-PA	-	76	2.86E-07	1	1512.685	1.68	Malpighian tubule	X:+:5135068-5135103	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_35809	LTEALDEAAR	AGAP000291-PA	-	57	4.01E-05	2	1088.561	2.45	Salivary gland	X:+:5134672-5134701	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_59279	FYQSWEDFKNNNQYVNK	AGAP000291-PA	-	69	1.39E-06	1	2224.019	4.1	Ovary	X:+:5135002-5135052	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_59669	VVRQEMDNQSIEAR	AGAP000291-PA	-	100	1.66E-09	1	1674.824	0.39	Malpighian tubule	X:+:5134840-5134881	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_70730	AVEPNAEATGVELHK	AGAP000291-PA	-	56	3.72E-05	1	1564.811	8.92	Malpighian tubule	X:+:5134948-5134992	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_80796	FYQSWEDFK	AGAP000291-PA	-	50	6.70E-05	1	1249.550	-1.88	Head	X:+:5135002-5135028	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_82441	RPGFFSQVVDNIK	AGAP000291-PA	-	51	9.49E-05	1	1506.813	4.07	Malpighian tubule	X:+:5134453-5134491	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_82708	AVEPNAEATGVELHK	AGAP000291-PA	-	51	0.000140125	2	1564.800	2.05	Head	X:+:5134948-5134992	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_87001	GRLTEALDEAAR	AGAP000291-PA	-	45	0.000559093	2	1301.685	3.06	Ovary	X:+:5134666-5134701	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_94308	VSDIMGNLFSK	AGAP000291-PA	M5(Oxidation)	66	2.71E-06	2	1226.613	3.74	Salivary gland	X:+:5135128-5135160	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_108428	FYQSWEDFKNNNQYVNK	AGAP000291-PA	-	61	1.05E-05	1	2224.012	1.3	Salivary gland	X:+:5135002-5135052	exon=> In CDS Exon 3 of transcript AGAP000291-PA
JHU_Ag_19173	TAASPAATPAPGQAQAKPESNLNWLK	AGAP000295-PA	-	66	2.59E-06	1	2619.360	2.71	Visceras	X:+:5299862-5299939	exon=> In CDS Exon 1 of transcript AGAP000295-PA
JHU_Ag_52637	FNTQYFITIPGILK	AGAP000295-PA	-	58	7.84E-06	2	1654.926	3.6	Midgut	X:+:5299940-5299981	exon=> In CDS Exon 1 of transcript AGAP000295-PA
JHU_Ag_53869	FNTQYFITIPGILK	AGAP000295-PA	-	62	3.06E-06	1	1654.924	2.34	Ovary	X:+:5299940-5299981	exon=> In CDS Exon 1 of transcript AGAP000295-PA
JHU_Ag_56345	TAASPAATPAPGQAQAKPESNLNWLK	AGAP000295-PA	-	53	4.28E-05	1	2619.365	4.74	Salivary gland	X:+:5299862-5299939	exon=> In CDS Exon 1 of transcript AGAP000295-PA
JHU_Ag_61862	TAASPAATPAPGQAQAKPESNLNWLK	AGAP000295-PA	-	75	3.36E-07	1	2619.352	-0.29	Midgut	X:+:5299862-5299939	exon=> In CDS Exon 1 of transcript AGAP000295-PA
JHU_Ag_94317	TAASPAATPAPGQAQAKPESNLNWLK	AGAP000295-PA	-	72	6.64E-07	1	2619.360	2.85	Head	X:+:5299862-5299939	exon=> In CDS Exon 1 of transcript AGAP000295-PA
JHU_Ag_98237	TAASPAATPAPGQAQAKPESNLNWLK	AGAP000295-PA	-	51	7.56E-05	1	2619.363	3.83	Malpighian tubule	X:+:5299862-5299939	exon=> In CDS Exon 1 of transcript AGAP000295-PA
JHU_Ag_9168	TTTTTTSTSHLVLNTGYLR	AGAP000297-PA	-	126	2.99E-12	1	2067.075	1.47	Head	X:+:5319020-5319076	exon=> In CDS Exon 1 of transcript AGAP000297-PA

JHU_Ag_22270	TTTTTTSTSHLVLNTGYLR	AGAP000297-PA	-	144	4.67E-14	1	2067.068	-1.6	Male reproductive organs	X:+:5319020-5319076	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_38091	TTTTTTSTSHLVLNTGYLR	AGAP000297-PA	-	123	6.55E-12	1	2067.076	2.29	Ovary	X:+:5319020-5319076	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_68668	SHSVVITR	AGAP000297-PA	N-Term(Acetyl)	50	6.10E-05	1	940.521	-0.11	Male reproductive organs	X:+:5318996-5319019	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_69923	SHSVVITR	AGAP000297-PA	N-Term(Acetyl)	47	0.000107684	1	940.523	2.16	Malpighian tubule	X:+:5318996-5319019	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_74092	TTTTTTSTSHLVLNTGYLR	AGAP000297-PA	-	116	2.99E-11	1	2067.078	3	Midgut	X:+:5319020-5319076	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_77967	SHSVVITR	AGAP000297-PA	N-Term(Acetyl)	53	3.11E-05	1	940.522	0.8	Ovary	X:+:5318996-5319019	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_80951	TTTTTTSTSHLVLNTGYLR	AGAP000297-PA	-	130	1.22E-12	1	2067.078	3.24	Malpighian tubule	X:+:5319020-5319076	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_88405	TTTTTTSTSHLVLNTGYLR	AGAP000297-PA	-	70	1.35E-06	2	2067.080	3.83	Visceras	X:+:5319020-5319076	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_104884	SHSVVITR	AGAP000297-PA	N-Term(Acetyl)	45	0.000166889	1	940.520	-0.68	Head	X:+:5318996-5319019	exon=> In CDS Exon 1 of transcript AGAP000297-PA
JHU_Ag_681	AAFQQASELAQK	AGAP000300-PA	-	81	1.19E-07	1	1291.666	1.29	Male reproductive organs	X:-:5341591-5341556	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_2303	LYLNETFTTLR	AGAP000300-PA	-	56	2.84E-05	2	1370.738	4.55	Ovary	X:-:5341462-5341430	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_2566	AAFSLGGLGSGFASSADELR	AGAP000300-PA	-	53	7.16E-05	2	1912.939	-0.67	Male reproductive organs	X:-:5358494-5358435	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_7013	AAFQQASELAQKGAR	AGAP000300-PA	Q4(Deamidated),Q5(Deamidated)	38	0.002424606	1	1576.822	9.11	Head	X:-:5341591-5341547	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_7363	KSILLSIGSYK	AGAP000300-PA	-	46	3.44E-05	1	1208.729	3.2	Salivary gland	X:-:5356216-5356184	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_7495	VTSIAGFNFSNQNLR	AGAP000300-PA	-	69	1.66E-06	2	1667.857	4.22	Ovary	X:-:5359748-5359704	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_9091	ILGTSPESVDSAENR	AGAP000300-PA	-	42	0.00100657	1	1574.771	3.22	Ovary	X:-:5357056-5357012	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_12180	VIVGHTDIEPVEVMHGR	AGAP000300-PA	M14(Oxidation)	63	7.15E-06	1	1903.974	2.45	Malpighian tubule	X:-:5356435-5356385	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_12310	VIVGHTDIEPVEVMHGR	AGAP000300-PA	M14(Oxidation)	58	2.28E-05	1	1903.978	4.66	Salivary gland	X:-:5356435-5356385	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_12627	LALAIPLPDIR	AGAP000300-PA	-	56	1.05E-06	2	1191.747	0.9	Salivary gland	X:-:5358035-5358003	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_15615	AAFSLGGLGSGFASSADELR	AGAP000300-PA	-	147	3.00E-14	1	1912.945	2.72	Midgut	X:-:5358494-5358435	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_20322	AAFSLGGLGSGFASSADELR	AGAP000300-PA	-	157	2.74E-15	1	1912.948	4.06	Ovary	X:-:5358494-5358435	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_20618	EWHGGKPPLLGAGSIER	AGAP000300-PA	-	63	6.86E-06	1	1803.948	-1.03	Ovary	X:-:5340700-5340650	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_25183	HLAEYLANK	AGAP000300-PA	-	36	0.003666931	1	1058.566	2.5	Ovary	X:-:5341996-5341970	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_26609	MVDSVSGFDPYLKPVNEQELEQPTDKR	AGAP000300-PA	M1(Oxidation)	60	1.12E-05	1	3137.518	2.55	Ovary	X:-:5357813-5357733	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_26798	VTCEVCPHHLFLSTADLDR	AGAP000300-PA	C3(Carbamidomethyl),C6(Carbamidomethyl)	81	1.47E-07	1	2270.082	5.77	Ovary	X:-:5341231-5341175	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_27069	KPLINAGDGVGEHPTQALLDIFTIR	AGAP000300-PA	-	137	6.76E-14	1	2675.463	4.28	Ovary	X:-:5338710-5338636	exon=> In CDS Exon 6 of transcript AGAP000300-PA
JHU_Ag_28015	GLVGVKVPQFSFSR	AGAP000300-PA	-	64	1.70E-06	1	1520.862	2.58	Malpighian tubule	X:-:5356384-5356343	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_28440	MFVLAAALK	AGAP000300-PA	M1(Oxidation)	51	4.28E-05	1	979.567	2.11	Ovary	X:-:5357732-5357706	exon=> In CDS Exon 2 of transcript AGAP000300-PA

JHU_Ag_29180	GEVRPVLCSPEDQQALWDNLDVVDVFATDHAPHAR	AGAP000300-PA	C8(Carbamidomethyl)	79	1.28E-07	1	3956.935	9.18	Ovary	X:-:5341159-5341055	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_29791	AAFSLGGLGSGFASSADELR	AGAP000300-PA	-	99	1.97E-09	2	1912.950	5.33	Malpighian tubule	X:-:5358494-5358435	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_30286	VPQFSFSR	AGAP000300-PA	-	54	3.75E-05	1	967.503	3.46	Ovary	X:-:5356366-5356343	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_37209	MFVLAAALK	AGAP000300-PA	M1(Oxidation)	45	0.000189962	2	979.567	2.8	Salivary gland	X:-:5357732-5357706	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_37592	ALASQALAHSNQLIIDK	AGAP000300-PA	-	75	1.51E-07	1	1792.999	4.07	Salivary gland	X:-:5358434-5358384	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_37830	VIVGHTDIEPVEVMHGR	AGAP000300-PA	M14(Oxidation)	96	3.90E-09	1	1903.966	-1.69	Head	X:-:5356435-5356385	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_38533	LYLNETFTTLR	AGAP000300-PA	-	61	8.72E-06	2	1370.729	-2.13	Midgut	X:-:5341462-5341430	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_39574	EHLNEIFHLAQTMK	AGAP000300-PA	M13(Oxidation)	62	1.08E-05	1	1726.861	1.66	Salivary gland	X:-:5340301-5340260	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_41723	VYFLPITSHYVEQVIK	AGAP000300-PA	-	31	0.004572474	1	1936.060	1.06	Malpighian tubule	X:-:5358812-5358765	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_42575	IQTVLINPNIATVQTSK	AGAP000300-PA	-	66	6.75E-07	1	1840.056	0.91	Ovary	X:-:5358878-5358828	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_45267	AAFQQASELAQKGAR	AGAP000300-PA	Q4(Deamidated),Q5(Deamidated)	38	0.002618733	1	1576.821	8.05	Visceras	X:-:5341591-5341547	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_45397	ILGTSPESVDSAENRFK	AGAP000300-PA	-	38	0.002141865	1	1849.938	4.68	Malpighian tubule	X:-:5357056-5357006	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_45851	IQTVLINPNIATVQTSK	AGAP000300-PA	-	68	4.28E-07	2	1840.055	0.58	Male reproductive organs	X:-:5358878-5358828	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_46929	TFEEAFQK	AGAP000300-PA	-	30	0.007872089	1	999.479	0.45	Ovary	X:-:5357846-5357823	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_47401	QLGVHFAGEQSALRPVSPLPAR	AGAP000300-PA	-	97	9.73E-10	1	2330.278	2.08	Salivary gland	X:-:5340511-5340446	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_49252	LALAIPLPDIR	AGAP000300-PA	-	47	7.76E-06	2	1191.746	-0.02	Ovary	X:-:5358035-5358003	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_49391	AAFQQASELAQK	AGAP000300-PA	-	61	1.21E-05	2	1291.666	1.29	Ovary	X:-:5341591-5341556	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_50385	GETAYVDGLVLVGPGYGQNVR	AGAP000300-PA	-	56	2.94E-05	1	2164.117	6.28	Salivary gland	X:-:5340763-5340701	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_53015	VTSIAGFNFSNQNLR	AGAP000300-PA	-	86	3.69E-08	2	1667.857	4.44	Malpighian tubule	X:-:5359748-5359704	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_54989	LPGFIDVHVHLR	AGAP000300-PA	-	58	8.28E-06	1	1402.800	3.11	Salivary gland	X:-:5341741-5341706	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_55012	VPQFSFSR	AGAP000300-PA	-	49	0.000123143	1	967.501	1.5	Salivary gland	X:-:5356366-5356343	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_56703	IDALNHSAGSGSGVGGLRPADLEPDLQTNEAFYQLLSPDGTNAHVK	AGAP000300-PA	Q27(Deamidated),N29(Deamidated)	84	2.63E-08	1	4732.346	4.72	Ovary	X:-:5340649-5340512	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_59792	ALDDLLR	AGAP000300-PA	-	50	0.000212496	2	815.463	0.99	Salivary gland	X:-:5340238-5340218	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_62469	VYFLPITSHYVEQVIK	AGAP000300-PA	-	32	0.003009321	1	1936.070	6.17	Head	X:-:5358812-5358765	exon=> In CDS Exon 2 of transcript AGAP000300-PA

JHU_Ag_67204	YEAYLKAMMSTGFQMPK	AGAP000300-PA	M9(Oxidation), Q14(Deamidated), M15(Oxidation),"M8(Oxidation), M9(Oxidation), Q14(Deamidated)","M8(Oxidation), Q14(Deamidated), M15(Oxidation)"	36	0.003222413	1	2028.924	6.15	Head	X:-:5356267-5356217	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_70245	KPLINAGDGVGEHPTQALLDIFTIR	AGAP000300-PA	-	65	1.29E-06	1	2675.447	-1.81	Salivary gland	X:-:5338710-5338636	exon=> In CDS Exon 6 of transcript AGAP000300-PA
JHU_Ag_71418	LLTMYNVNVR	AGAP000300-PA	M4(Oxidation)	42	0.000693984	2	1238.658	1.45	Salivary gland	X:-:5338551-5338522	exon=> In CDS Exon 6 of transcript AGAP000300-PA
JHU_Ag_74751	VTSIAGFNFSNQNLR	AGAP000300-PA	-	55	4.43E-05	1	1667.861	6.56	Male reproductive organs	X:-:5359748-5359704	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_75516	TLDFDFVALATR	AGAP000300-PA	-	56	2.81E-05	2	1368.726	7.59	Malpighian tubule	X:-:5356471-5356436	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_75579	GETAYVDGLVLVGPGYGQNVR	AGAP000300-PA	-	77	2.91E-07	2	2164.111	3.35	Ovary	X:-:5340763-5340701	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_76860	DIADLLDVTGPFNMQLIAK	AGAP000300-PA	M14(Oxidation)	44	0.00048426	1	2090.094	4.83	Ovary	X:-:5356594-5356538	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_77059	LAVDYSIPLVTDVK	AGAP000300-PA	-	43	0.000232811	1	1532.864	4.78	Malpighian tubule	X:-:5341879-5341838	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_77997	ILGTSPESVDSAENRFK	AGAP000300-PA	-	42	0.000923712	1	1849.932	1.31	Ovary	X:-:5357056-5357006	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_78172	IQTVLINPNIATVQTSK	AGAP000300-PA	-	85	6.78E-09	2	1840.063	4.76	Malpighian tubule	X:-:5358878-5358828	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_80221	ILGTSPESVDSAENR	AGAP000300-PA	-	50	0.000165782	2	1574.767	0.82	Male reproductive organs	X:-:5357056-5357012	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_83138	VTSIAGFNFSNQNLR	AGAP000300-PA	-	85	4.43E-08	2	1667.853	2.03	Salivary gland	X:-:5359748-5359704	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_85639	LALAIPLPDIR	AGAP000300-PA	-	21	0.002938055	2	1191.746	0.08	Visceras	X:-:5358035-5358003	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_93406	AAFQQASELAQKGAR	AGAP000300-PA	Q4(Deamidated),Q5(Deamidated)	44	0.000645815	1	1576.823	9.8	Malpighian tubule	X:-:5341591-5341547	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_97054	IQTVLINPNIATVQTSK	AGAP000300-PA	-	41	0.000212014	2	1840.055	0.38	Midgut	X:-:5358878-5358828	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_97224	KEEILLIK	AGAP000300-PA	-	40	0.000132722	2	985.632	2.47	Ovary	X:-:5341279-5341256	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_97346	LNGLSVWQAHLASWPK	AGAP000300-PA	-	56	2.40E-05	1	1806.971	3.19	Salivary gland	X:-:5341429-5341382	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_98177	AAFSLGGLGSGFASSADELR	AGAP000300-PA	-	131	1.05E-12	1	1912.950	5.27	Salivary gland	X:-:5358494-5358435	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_98623	LDVVPWNARPDPAEYDGLFLSNGPGDPETCR	AGAP000300-PA	C30(Carbamidomethyl)	42	0.00078041	1	3457.607	-1.34	Salivary gland	X:-:5359574-5359482	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_99813	VGEIGEQVAPSAAVYSIQEALEAAER	AGAP000300-PA	-	148	2.03E-14	1	2687.357	1.68	Salivary gland	X:-:5358596-5358519	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_100695	TLDFDFVALATR	AGAP000300-PA	-	68	1.88E-06	2	1368.721	3.57	Ovary	X:-:5356471-5356436	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_100881	EVEYEVVR	AGAP000300-PA	-	44	0.000534722	2	1022.515	-0.45	Salivary gland	X:-:5358365-5358342	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_103597	ALASQALAHSNQLIIDK	AGAP000300-PA	-	80	5.76E-08	1	1792.993	0.94	Ovary	X:-:5358434-5358384	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_107593	LAVDYSIPLVTDVK	AGAP000300-PA	-	53	2.41E-05	2	1532.860	1.99	Ovary	X:-:5341879-5341838	exon=> In CDS Exon 5 of transcript AGAP000300-PA

JHU_Ag_107957	YVCPPGLEMPAHIR	AGAP000300-PA	C3(Carbamidomethyl), M9(Oxidation)	43	0.000805899	1	1655.809	3.43	Salivary gland	X:-:5338521-5338480	exon=> In CDS Exon 6 of transcript AGAP000300-PA
JHU_Ag_110769	AAFQQASELAQK	AGAP000300-PA	-	76	3.66E-07	1	1291.670	4.6	Malpighian tubule	X:-:5341591-5341556	exon=> In CDS Exon 5 of transcript AGAP000300-PA
JHU_Ag_111614	ILGTSPESVDSAENR	AGAP000300-PA	-	91	1.26E-08	1	1574.774	5.54	Salivary gland	X:-:5357056-5357012	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_113520	DIADLLDVTGPFNMQLIAK	AGAP000300-PA	M14(Oxidation)	78	2.11E-07	2	2090.088	2.03	Salivary gland	X:-:5356594-5356538	exon=> In CDS Exon 3 of transcript AGAP000300-PA
JHU_Ag_116891	VYFLPITSHYVEQVIK	AGAP000300-PA	-	31	0.003699952	1	1936.066	4.09	Ovary	X:-:5358812-5358765	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_117826	IQTVLINPNIATVQTSK	AGAP000300-PA	-	87	4.06E-09	2	1840.064	5.56	Salivary gland	X:-:5358878-5358828	exon=> In CDS Exon 2 of transcript AGAP000300-PA
JHU_Ag_52840	APLFALEHCIAPFLESCDPNR	AGAP000305-PA	C9(Carbamidomethyl), C17(Carbamidomethyl)	39	0.001821884	3	2457.177	3.24	Head	X:+:5410737-5410799	exon=> In CDS Exon 1 of transcript AGAP000305-PA
JHU_Ag_79581	APLFALEHCIAPFLESCDPNR	AGAP000305-PA	C9(Carbamidomethyl), C17(Carbamidomethyl)	37	0.002934041	1	2457.178	3.76	Ovary	X:+:5410737-5410799	exon=> In CDS Exon 1 of transcript AGAP000305-PA
JHU_Ag_100427	APLFALEHCIAPFLESCDPNRDHR	AGAP000305-PA	C9(Carbamidomethyl), C17(Carbamidomethyl)	89	1.54E-08	1	2865.368	4.1	Ovary	X:+:5410737-5410808	exon=> In CDS Exon 1 of transcript AGAP000305-PA
JHU_Ag_1982	GDEELDSLIK	AGAP000306-PA	-	55	5.50E-05	2	1118.559	1.35	Head	X:+:5421634-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_14978	GDEELDSLIK	AGAP000306-PA	-	50	0.000205808	2	1118.560	2.22	Malpighian tubule	X:+:5421634-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_15142	ATIAGGGVIPHIHK	AGAP000306-PA	-	92	4.02E-09	1	1370.792	1.05	Visceras	X:+:5421664-5421705	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_19235	VGATAAVYSAAILEYLTAEVLELAGNASK	AGAP000306-PA	-	148	7.94E-15	1	2895.545	3.57	Head	X:+:5419021-5419077,5421553-5421582	exon=> In CDS Exon 3 and 4 of transcript AGAP000306-PA
JHU_Ag_24314	VGATAAVYSAAILEYLTAEVLELAGNASK	AGAP000306-PA	-	89	8.38E-09	1	2895.532	-1.12	Salivary gland	X:+:5419021-5419077,5421553-5421582	exon=> In CDS Exon 3 and 4 of transcript AGAP000306-PA
JHU_Ag_25969	VGATAAVYSAAILEYLTAEVLELAGNASK	AGAP000306-PA	-	68	6.98E-07	3	2895.553	6.1	Visceras	X:+:5419021-5419077,5421553-5421582	exon=> In CDS Exon 3 and 4 of transcript AGAP000306-PA
JHU_Ag_38511	HLQLAIRGDEELDSLIK	AGAP000306-PA	-	87	9.88E-09	1	1950.077	5.8	Ovary	X:+:5421613-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_39195	ATIAGGGVIPHIHK	AGAP000306-PA	-	90	5.70E-09	1	1370.793	1.58	Malpighian tubule	X:+:5421664-5421705	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_57224	VGATAAVYSAAILEYLTAEVLELAGNASK	AGAP000306-PA	-	129	6.16E-13	2	2895.538	0.88	Midgut	X:+:5419021-5419077,5421553-5421582	exon=> In CDS Exon 3 and 4 of transcript AGAP000306-PA
JHU_Ag_59442	ATIAGGGVIPHIHK	AGAP000306-PA	-	51	4.91E-05	2	1370.789	-0.82	Midgut	X:+:5421664-5421705	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_66098	HLQLAIRGDEELDSLIK	AGAP000306-PA	-	65	2.03E-06	1	1950.066	-0.02	Midgut	X:+:5421613-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_68363	ATIAGGGVIPHIHK	AGAP000306-PA	-	95	2.59E-09	1	1370.776	-10.62	Ovary	X:+:5421664-5421705	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_79398	ATIAGGGVIPHIHK	AGAP000306-PA	-	31	0.004482466	1	1370.790	-0.43	Salivary gland	X:+:5421664-5421705	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_83097	HLQLAIRGDEELDSLIK	AGAP000306-PA	-	57	8.56E-06	1	1950.075	4.86	Malpighian tubule	X:+:5421613-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_84388	HLQLAIRGDEELDSLIK	AGAP000306-PA	-	73	2.83E-07	1	1950.067	0.92	Salivary gland	X:+:5421613-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_90872	VGATAAVYSAAILEYLTAEVLELAGNASK	AGAP000306-PA	-	88	8.07E-09	1	2895.547	4.14	Larva	X:+:5419021-5419077,5421553-5421582	exon=> In CDS Exon 3 and 4 of transcript AGAP000306-PA

JHU_Ag_91187	GDEELDSLIK	AGAP000306-PA	-	73	7.91E-07	2	1118.560	2.55	Visceras	X:+:5421634-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_92983	VGATAAVYSAAILEYLTAEVLELAGNASK	AGAP000306-PA	-	160	4.63E-16	1	2895.542	2.51	Ovary	X:+:5419021-5419077,5421553-5421582	exon=> In CDS Exon 3 and 4 of transcript AGAP000306-PA
JHU_Ag_95198	GDEELDSLIK	AGAP000306-PA	-	46	0.000514247	1	1118.557	-0.66	Midgut	X:+:5421634-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_99220	GDEELDSLIK	AGAP000306-PA	-	74	6.71E-07	1	1118.559	1.24	Ovary	X:+:5421634-5421663	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_111659	ATIAGGGVIPHIHK	AGAP000306-PA	-	91	5.41E-09	1	1370.791	0.78	Head	X:+:5421664-5421705	exon=> In CDS Exon 4 of transcript AGAP000306-PA
JHU_Ag_411	NPFDHVVSLR	AGAP000307-PA	-	40	0.00098499	1	1183.622	-0.04	Midgut	X:-:5439180-5439151	exon=> In CDS Exon 5 of transcript AGAP000307-PA
JHU_Ag_1378	TYEEQQAGEPGSIDPTR	AGAP000307-PA	-	106	3.30E-10	2	1877.857	3.31	Malpighian tubule	X:-:5437602-5437552	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_2832	TYEEQQAGEPGSIDPTR	AGAP000307-PA	-	47	0.00022476	2	1877.850	-0.91	Ovary	X:-:5437602-5437552	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_6628	NGEVQLSLR	AGAP000307-PA	-	66	3.92E-06	2	1015.542	-11.16	Male reproductive organs	X:-:5436106-5436080	exon=> In CDS Exon 8 of transcript AGAP000307-PA
JHU_Ag_9991	FVVEGIDELLDQAHQPASLTVR	AGAP000307-PA	-	113	3.83E-11	1	2437.279	2.59	Visceras	X:-:5433713-5433648	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_15147	FGTAIANCGDLNHDGLDDVAIGAPYESAGSGR	AGAP000307-PA	C8(Carbamidomethyl)	76	2.26E-07	1	3220.479	5.77	Malpighian tubule	X:-:5437917-5437822	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_15744	HTGDDPTLSGNLER	AGAP000307-PA	-	82	8.37E-08	1	1511.711	1.54	Malpighian tubule	X:-:5433500-5433459	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_16893	GEQFGSGFGSTLASADINGDGR	AGAP000307-PA	-	155	3.33E-15	1	2142.967	-0.79	Midgut	X:-:5439150-5439684,5437514-5438050	exon=> In CDS Exon 6 and 5 of transcript AGAP000307-PA
JHU_Ag_17727	FFGEYMAYAGGAPR	AGAP000307-PA	M6(Oxidation)	94	3.46E-09	2	1552.689	-0.07	Midgut	X:-:5439273-5439232	exon=> In CDS Exon 5 of transcript AGAP000307-PA
JHU_Ag_17740	TFGSSLDGGHDLDGNSYPDLIIGSYASDR	AGAP000307-PA	-	108	1.49E-10	1	3029.366	-3.35	Midgut	X:-:5437728-5437642	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_17989	DIQNPIQFR	AGAP000307-PA	-	52	0.000101311	2	1130.598	2.21	Salivary gland	X:-:5437148-5437122	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_18613	ISYTLDEER	AGAP000307-PA	-	57	2.71E-05	1	1125.539	-2.71	Midgut	X:-:5437121-5437095	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_18974	GTSFGPEYDQR	AGAP000307-PA	-	36	0.001799277	2	1256.558	3.2	Malpighian tubule	X:-:5437974-5437942	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_23663	FVVEGIDELLDQAHQPASLTVR	AGAP000307-PA	-	41	0.000721237	1	2437.278	2.14	Head	X:-:5433713-5433648	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_27443	AAQGNGEVVIFTNR	AGAP000307-PA	N5(Deamidated)	95	5.19E-09	1	1475.766	4.21	Malpighian tubule	X:-:5439231-5439190	exon=> In CDS Exon 5 of transcript AGAP000307-PA
JHU_Ag_29200	ADSAYETHLYVR	AGAP000307-PA	-	75	5.03E-07	1	1424.677	-2.17	Midgut	X:-:5436818-5436783	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_30495	AAQGNGEVVIFTNR	AGAP000307-PA	N5(Deamidated)	98	2.40E-09	1	1476.746	1.31	Midgut	X:-:5439231-5439190	exon=> In CDS Exon 5 of transcript AGAP000307-PA
JHU_Ag_33207	AAQGNGEVVIFTNR	AGAP000307-PA	N5(Deamidated)	57	3.00E-05	2	1476.746	1.14	Salivary gland	X:-:5439231-5439190	exon=> In CDS Exon 5 of transcript AGAP000307-PA
JHU_Ag_34822	LAVSGRPVCHDVTAYLK	AGAP000307-PA	C9(Carbamidomethyl)	71	8.30E-07	1	1886.005	4.91	Ovary	X:-:5437211-5437161	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_35373	TYEEQQAGEPGSIDPTR	AGAP000307-PA	-	118	2.08E-11	1	1877.850	-0.46	Midgut	X:-:5437602-5437552	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_36606	ACSAVDDASLSEGDVSADSSLQLR	AGAP000307-PA	C2(Carbamidomethyl)	91	9.97E-09	2	2453.123	5.23	Malpighian tubule	X:-:5437424-5437353	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_36959	FVVEGIDELLDQAHQPASLTVR	AGAP000307-PA	-	93	3.92E-09	1	2437.270	-0.94	Salivary gland	X:-:5433713-5433648	exon=> In CDS Exon 9 of transcript AGAP000307-PA

JHU_Ag_38060	NGEVQLSLR	AGAP000307-PA	-	58	2.91E-05	2	1015.556	3.26	Malpighian tubule	X:-:5436106-5436080	exon=> In CDS Exon 8 of transcript AGAP000307-PA
JHU_Ag_38523	ISYTLDEER	AGAP000307-PA	-	59	1.47E-05	2	1125.544	1.63	Malpighian tubule	X:-:5437121-5437095	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_39132	GTLFNVAIEGGFLSR	AGAP000307-PA	-	100	9.71E-10	1	1580.843	-0.24	Midgut	X:-:5439408-5439364	exon=> In CDS Exon 5 of transcript AGAP000307-PA
JHU_Ag_41700	LEIDWPLQVANNKPQGK	AGAP000307-PA	-	31	0.005009 05	1	1950.052	4.06	Malpighian tubule	X:-:5434220-5434170	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_42116	TYEEQQAGEPGSIDPTR	AGAP000307-PA	-	54	4.83E-05	2	1877.851	-0.26	Salivary gland	X:-:5437602-5437552	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_43129	GTSFGPEYDQR	AGAP000307-PA	-	47	0.000128 788	2	1256.554	-0.2	Ovary	X:-:5437974-5437942	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_55752	FVVEGIDELLDQAHQPASLTVR	AGAP000307-PA	-	135	3.04E-13	1	2437.273	0.19	Midgut	X:-:5433713-5433648	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_58403	CTIQAETFLNK	AGAP000307-PA	C1(Carbamidomethyl)	80	1.53E-07	2	1324.656	-0.42	Midgut	X:-:5437352-5437320	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_58489	AAQGNGEVVIFTNR	AGAP000307-PA	-	65	5.95E-06	2	1475.761	0.57	Ovary	X:-:5439231-5439190	exon=> In CDS Exon 5 of transcript AGAP000307-PA
JHU_Ag_58544	VYFGTGGGPGADKTPAVPGAAATR	AGAP000307-PA	-	36	0.003482 071	1	2218.126	0.38	Ovary	X:-:5437310-5437239	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_71389	TFGSSLDGGHDLDGNSYPDLIIGSYASD R	AGAP000307-PA	-	60	1.07E-05	1	3029.378	0.76	Ovary	X:-:5437728-5437642	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_74117	YQIYNDGPWR	AGAP000307-PA	-	39	0.001474 496	1	1311.611	-0.33	Midgut	X:-:5435803-5436175,5433339-5434236	exon=> In CDS Exon 9 and 8 of transcript AGAP000307-PA
JHU_Ag_75603	ALPEQVFYGGGGEQIMGESAIHSLDEI GMPVQHK	AGAP000307-PA	M16(Oxidation), M29(Oxidation)	71	7.84E-07	1	3656.723	-3.52	Midgut	X:-:5435905-5435804	exon=> In CDS Exon 8 of transcript AGAP000307-PA
JHU_Ag_79538	GTSFGPEYDQR	AGAP000307-PA	-	51	5.15E-05	1	1256.553	-1.07	Midgut	X:-:5437974-5437942	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_80839	TLTLALTVQNR	AGAP000307-PA	-	50	6.10E-05	2	1229.721	-0.02	Midgut	X:-:5436851-5436819	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_83492	KDEPDGAVVAGGDSVPLVNPLGLPSR	AGAP000307-PA	-	46	0.000184 863	1	2559.342	0.14	Midgut	X:-:5434085-5434008	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_84092	HDASLTYAGSK	AGAP000307-PA	-	73	9.37E-07	1	1149.553	-0.21	Midgut	X:-:5436782-5436750	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_87349	FVVEGIDELLDQAHQPASLTVR	AGAP000307-PA	-	126	2.03E-12	1	2437.285	5.22	Malpighian tubule	X:-:5433713-5433648	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_89132	SGGAAGGEYQLVLGLDR	AGAP000307-PA	-	69	2.18E-06	1	1662.841	-2.13	Ovary	X:-:5436902-5436852	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_89807	FGTAIANCGDLNHDGLDDVAIGAPYES AGSGR	AGAP000307-PA	C8(Carbamidomethyl)	72	6.32E-07	1	3220.460	-0.03	Ovary	X:-:5437917-5437822	exon=> In CDS Exon 6 of transcript AGAP000307-PA
JHU_Ag_92264	VYFGTGGGPGADKTPAVPGAAATR	AGAP000307-PA	-	63	7.35E-06	1	2218.134	4.01	Malpighian tubule	X:-:5437310-5437239	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_103106	VYFGTGGGPGADKTPAVPGAAATR	AGAP000307-PA	-	54	5.54E-05	1	2218.125	-0.08	Midgut	X:-:5437310-5437239	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_104208	QGQPGSYFGYSVAGHSQR	AGAP000307-PA	-	63	7.86E-06	1	1925.897	3.93	Malpighian tubule	X:-:5444734-5444681	exon=> In CDS Exon 1 of transcript AGAP000307-PA
JHU_Ag_106642	DIQNPIQFR	AGAP000307-PA	-	49	0.000240 989	2	1130.595	-0.28	Midgut	X:-:5437148-5437122	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_107101	FVVEGIDELLDQAHQPASLTVR	AGAP000307-PA	-	116	2.23E-11	1	2437.279	2.89	Ovary	X:-:5433713-5433648	exon=> In CDS Exon 9 of transcript AGAP000307-PA
JHU_Ag_114052	ISYTLDEERANGGTGAGGR	AGAP000307-PA	N11(Deamidated)	93	7.05E-09	1	1924.903	1.85	Malpighian tubule	X:-:5437121-5437065	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_115697	LAVSGRPVCHDVTAYLK	AGAP000307-PA	C9(Carbamidomethyl)	48	0.000165 282	1	1886.006	5.49	Malpighian tubule	X:-:5437211-5437161	exon=> In CDS Exon 7 of transcript AGAP000307-PA

JHU_Ag_115842	LAVSGRPVCHDVTAYLK	AGAP000307-PA	C9(Carbamidomethyl)	58	1.92E-05	1	1885.994	-0.53	Midgut	X:-:5437211-5437161	exon=> In CDS Exon 7 of transcript AGAP000307-PA
JHU_Ag_272	SFTDVYQELNIPVPEPILVEGEEGSERK	AGAP000308-PA	-	42	0.000557 19	1	3174.609	7.9	Head	X:+:5448638-5448658,5448733-5448795	exon=> In CDS Exon 1 and 2 of transcript AGAP000308-PA
JHU_Ag_5917	LNALLDTPQFSER	AGAP000308-PA	-	72	1.06E-06	2	1503.787	4.43	Head	X:+:5448599-5448637	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_9669	SESTSTATTSAASSAEDNAR	AGAP000308-PA	N-Term(Acetyl)	104	1.77E-10	1	1985.845	-4.01	Head	X:+:5448458-5448517	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_9963	YCSLHDIVIK	AGAP000308-PA	C2(Carbamidomethyl)	79	2.18E-07	1	1247.643	-2.15	Ovary	X:+:5449240-5449269	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_12663	ALVEDSNLLK	AGAP000308-PA	-	43	0.000782 28	1	1101.615	0.08	Ovary	X:+:5448940-5448969	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_16528	ALVEDSNLLK	AGAP000308-PA	-	58	2.12E-05	1	1101.615	-0.47	Midgut	X:+:5448940-5448969	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_18456	YCSLHDIVIK	AGAP000308-PA	C2(Carbamidomethyl)	46	0.000448 212	1	1247.640	-4.12	Head	X:+:5449240-5449269	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_21624	VECNKPIGELVCIVKPIIR	AGAP000308-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	106	6.24E-11	1	2237.253	0.87	Head	X:+:5448883-5448939	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_24814	LNSNTPSPAATVDGNGTK	AGAP000308-PA	-	58	2.71E-05	2	1743.853	1.06	Malpighian tubule	X:+:5448805-5448858	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_28422	LNALLDTPQFSER	AGAP000308-PA	-	73	8.64E-07	2	1503.781	0.37	Male reproductive organs	X:+:5448599-5448637	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_33468	SESTSTATTSAASSAEDNAR	AGAP000308-PA	N-Term(Acetyl)	95	1.70E-09	2	1985.849	-2.17	Midgut	X:+:5448458-5448517	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_33626	LNALLDTPQFSER	AGAP000308-PA	-	43	0.000805 967	2	1503.789	5.65	Salivary gland	X:+:5448599-5448637	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_40091	LNSNTPSPAATVDGNGTK	AGAP000308-PA	N15(Deamidated)	119	1.79E-11	2	1744.838	1.75	Head	X:+:5448805-5448858	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_45818	VECNKPIGELVCIVKPIIR	AGAP000308-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	114	9.56E-12	1	2237.256	2.42	Malpighian tubule	X:+:5448883-5448939	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_46151	LNALLDTPQFSER	AGAP000308-PA	-	72	8.55E-07	2	1503.794	8.81	Malpighian tubule	X:+:5448599-5448637	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_47264	VECNKPIGELVCIVKPIIR	AGAP000308-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	122	1.60E-12	1	2237.253	0.94	Ovary	X:+:5448883-5448939	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_51870	VHALPTGR	AGAP000308-PA	-	37	0.002014 382	1	850.491	1.61	Ovary	X:+:5448859-5448882	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_57381	SESTSTATTSAASSAEDNAR	AGAP000308-PA	N-Term(Acetyl)	158	9.72E-16	1	1985.853	-0.02	Ovary	X:+:5448458-5448517	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_62947	YCSLHDIVIK	AGAP000308-PA	C2(Carbamidomethyl)	38	0.002690 406	1	1247.648	2.35	Midgut	X:+:5449240-5449269	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_75208	YPHIDDYRR	AGAP000308-PA	-	35	0.004835 007	1	1234.595	-1.39	Midgut	X:+:5449144-5449170	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_82092	ALVEDSNLLK	AGAP000308-PA	-	58	2.07E-05	1	1101.615	-0.03	Male reproductive organs	X:+:5448940-5448969	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_82803	LNSNTPSPAATVDGNGTK	AGAP000308-PA	N15(Deamidated)	100	1.39E-09	2	1744.845	5.67	Male reproductive organs	X:+:5448805-5448858	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_84434	VECNKPIGELVCIVKPIIR	AGAP000308-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	100	2.34E-10	1	2237.253	0.71	Midgut	X:+:5448883-5448939	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_95183	YPHIDDYR	AGAP000308-PA	-	41	0.000903 452	1	1078.497	1.41	Ovary	X:+:5449144-5449167	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_98881	AETLITKEFPER	AGAP000308-PA	-	97	2.93E-09	1	1433.767	2.51	Malpighian tubule	X:+:5448554-5448589	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_100317	AVAELDEKEFLSLWLVLSEIR	AGAP000308-PA	-	61	3.71E-06	1	2460.336	-1.14	Ovary	X:+:5449171-5449233	exon=> In CDS Exon 2 of transcript AGAP000308-PA

JHU_Ag_102277	SFTDVYQELNIPVPEPILVEGEEGSER	AGAP000308-PA	-	145	3.90E-14	1	3046.490	0.26	Ovary	X:+:5448638-5448658,5448733-5448792	exon=> In CDS Exon 1 and 2 of transcript AGAP000308-PA
JHU_Ag_108698	AETLITK	AGAP000308-PA	-	44	0.000418527	2	775.456	-0.46	Ovary	X:+:5448554-5448574	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_112891	VECNKPIGELVCIVKPIIR	AGAP000308-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	103	1.22E-10	1	2237.255	1.85	Salivary gland	X:+:5448883-5448939	exon=> In CDS Exon 2 of transcript AGAP000308-PA
JHU_Ag_114176	LNALLDTPQFSER	AGAP000308-PA	-	87	3.73E-08	1	1503.781	0.37	Ovary	X:+:5448599-5448637	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_116367	SESTSTATTSAASSAEDNAR	AGAP000308-PA	N-Term(Acetyl)	133	3.05E-13	1	1985.855	1.03	Malpighian tubule	X:+:5448458-5448517	exon=> In CDS Exon 1 of transcript AGAP000308-PA
JHU_Ag_6160	ITVTSGMGAGGGPGGGVQSQEQKR	AGAP000310-PA	M7(Oxidation)	83	8.67E-08	1	2275.115	2.3	Ovary	X:+:5468640-5468711	exon=> In CDS Exon 1 of transcript AGAP000310-PA
JHU_Ag_16499	SAHPDADEFSPEFHAFIVSCLQK	AGAP000310-PA	C20(Carbamidomethyl)	151	1.13E-14	1	2632.225	4.24	Ovary	X:+:5469362-5469430	exon=> In CDS Exon 2 of transcript AGAP000310-PA
JHU_Ag_26233	LDGDLGAGGGGSTVPDSAEGATPR	AGAP000310-PA	-	117	2.71E-11	1	2157.006	0.38	Head	X:+:5468412-5468483	exon=> In CDS Exon 1 of transcript AGAP000310-PA
JHU_Ag_88413	ANYEHLLATDFLGLYTADAER	AGAP000310-PA	-	73	8.21E-07	2	2383.174	7.47	Ovary	X:+:5469446-5469508	exon=> In CDS Exon 2 of transcript AGAP000310-PA
JHU_Ag_52215	YPFLTR	AGAP000312-PA	-	31	0.005700505	1	796.437	2.46	Malpighian tubule	X:+:5490652-5490669	exon=> In CDS Exon 2 of transcript AGAP000312-PA
JHU_Ag_15834	VTHPLATGGILQPSPISR	AGAP000313-PA	-	34	0.001814612	1	1844.042	1.44	Head	X:-:5496265-5496212	exon=> In CDS Exon 7 of transcript AGAP000313-PA
JHU_Ag_30584	DAHATDYYVLTFGDGQGDDEESSLTHIDHGFHSK	AGAP000320-PB	-	47	0.000139288	1	3764.656	4.86	Malpighian tubule	X:+:5681563-5681566,5693354-5693430	exon=> In CDS Exon 3 and 5 of transcript AGAP000320-PB
JHU_Ag_95365	DAHATDYYVLTFGDGQGDDEESSLTHIDHGFHSK	AGAP000320-PB	-	48	0.000101081	1	3764.636	-0.31	Ovary	X:+:5681563-5681566,5693354-5693430	exon=> In CDS Exon 3 and 5 of transcript AGAP000320-PB
JHU_Ag_2666	LPPGILPHGLPTVK	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	38	0.000145789	1	1438.883	3.63	Malpighian tubule	X:+:5693431-5693472;X:+:5693431-5693472;X:+:5693431-5693472	exon=> In CDS Exon 5 of transcript AGAP000320-PB;exon=> In CDS Exon 6 of transcript AGAP000320-PC;exon=> In CDS Exon 7 of transcript AGAP000320-PA
JHU_Ag_2875	AISVTCMAFPHNEVNNFVLGGEDGYVYSASR	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	C6(Carbamidomethyl), M7(Oxidation)	39	0.001420411	3	3420.569	2.03	Head	X:+:5694590-5694682;X:+:5694590-5694682;X:+:5694590-5694682	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_8351	IHVYDVADNLANPR	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	70	1.41E-06	2	1596.816	1.66	Salivary gland	X:+:5695079-5695120;X:+:5695079-5695120;X:+:5695079-5695120	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_14075	IHVYDVADNLANPR	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	63	7.01E-06	2	1596.818	3.35	Malpighian tubule	X:+:5695079-5695120;X:+:5695079-5695120;X:+:5695079-5695120	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_16887	LPPGILPHGLPTVK	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	54	4.83E-06	1	1438.876	-1.54	Salivary gland	X:+:5693431-5693472;X:+:5693431-5693472;X:+:5693431-5693472	exon=> In CDS Exon 5 of transcript AGAP000320-PB;exon=> In CDS Exon 6 of transcript AGAP000320-PC;exon=> In CDS Exon 7 of transcript AGAP000320-PA

JHU_Ag_45457	ALSETVDIYTDYIGDGEADDMNDEKSHAR	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	M21(Oxidation)	84	2.62E-08	1	3246.411	2.83	Malpighian tubule	X:+:5693696-5693760,5693830-5693851;X:+:5693696-5693760,5693830-5693851;X:+:5693696-5693760,5693830-5693851	exon=> In CDS Exon 6 and 7 of transcript AGAP000320-PB;exon=> In CDS Exon 7 and 8 of transcript AGAP000320-PC;exon=> In CDS Exon 8 and 9 of transcript AGAP000320-PA
JHU_Ag_45646	IHVYDVADNLANPR	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	70	1.61E-06	2	1596.816	2.2	Head	X:+:5695079-5695120;X:+:5695079-5695120;X:+:5695079-5695120	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_54648	QMIILSEDFQRFILR	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	M2(Oxidation)	70	8.31E-07	1	1925.037	3.1	Malpighian tubule	X:+:5693630-5693674;X:+:5693630-5693674;X:+:5693630-5693674	exon=> In CDS Exon 6 of transcript AGAP000320-PB;exon=> In CDS Exon 7 of transcript AGAP000320-PC;exon=> In CDS Exon 8 of transcript AGAP000320-PA
JHU_Ag_75206	AISVTCMAFPHNEVNNFVLGGEDGYVYSASR	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	C6(Carbamidomethyl), M7(Oxidation)	51	9.09E-05	1	3420.576	3.96	Malpighian tubule	X:+:5694590-5694682;X:+:5694590-5694682;X:+:5694590-5694682	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_83661	EVAPAITPQEQK	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	41	0.000856588	2	1310.700	3.72	Malpighian tubule	X:+:5693473-5693508;X:+:5693473-5693508;X:+:5693473-5693508	exon=> In CDS Exon 5 of transcript AGAP000320-PB;exon=> In CDS Exon 6 of transcript AGAP000320-PC;exon=> In CDS Exon 7 of transcript AGAP000320-PA
JHU_Ag_86192	LNAVLYELK	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	33	0.002693341	2	1062.620	0.94	Head	X:+:5695139-5695165;X:+:5695139-5695165;X:+:5695139-5695165	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_95578	SGIGETYEK	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	61	7.35E-06	2	983.471	2.99	Malpighian tubule	X:+:5694695-5694721;X:+:5694695-5694721;X:+:5694695-5694721	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_108555	LNAVLYELK	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	53	2.66E-05	2	1062.620	0.59	Salivary gland	X:+:5695139-5695165;X:+:5695139-5695165;X:+:5695139-5695165	exon=> In CDS Exon 8 of transcript AGAP000320-PB;exon=> In CDS Exon 9 of transcript AGAP000320-PC;exon=> In CDS Exon 10 of transcript AGAP000320-PA
JHU_Ag_108659	EVAPAITPQEQK	AGAP000320-PB,AGAP000320-PC,AGAP000320-PA	-	47	0.000200349	1	1310.697	1.77	Head	X:+:5693473-5693508;X:+:5693473-5693508;X:+:5693473-5693508	exon=> In CDS Exon 5 of transcript AGAP000320-PB;exon=> In CDS Exon 6 of transcript AGAP000320-PC;exon=> In CDS Exon 7 of transcript AGAP000320-PA
JHU_Ag_7885	NVIEVAHPIAQPSGEGDGGDDTDASGGGPVPHQTR	AGAP000321-PB,AGAP000321-PA	-	101	9.07E-10	1	3437.613	5.02	Malpighian tubule	X:+:5710803-5710907;X:+:5710803-5710907	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_10112	GYNEIQAVEIELR	AGAP000321-PB,AGAP000321-PA	-	72	1.00E-06	2	1533.794	2.07	Head	X:+:5707106-5707144;X:+:5707106-5707144	exon=> In CDS Exon 3 of transcript AGAP000321-PB;exon=> In CDS Exon 3 of transcript AGAP000321-PA

JHU_Ag_13807	ILELIEQAYPNPIAPEDLAK	AGAP000321-PB,AGAP000321-PA	-	56	1.41E-05	1	2237.211	2.12	Head	X:+:5708547-5708605,5708718-5708718;X:+:5708547-5708605,5708718-5708718	exon=> In CDS Exon 4 and 5 of transcript AGAP000321-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP000321-PA
JHU_Ag_16842	GIADYKDGTTSR	AGAP000321-PB,AGAP000321-PA	-	45	0.000404519	1	1283.625	1.95	Malpighian tubule	X:+:5711070-5711105;X:+:5711070-5711105	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_19434	YTTVGESNVYTLGNIGAHR	AGAP000321-PB,AGAP000321-PA	-	39	0.00231014	1	2052.017	1.19	Ovary	X:+:5708965-5708977,5710288-5710331;X:+:5708965-5708977,5710288-5710331	exon=> In CDS Exon 5 and 6 of transcript AGAP000321-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP000321-PA
JHU_Ag_22886	NVIEVAHPIAQPSGEGDGGDDTDASGGGPVPHQTR	AGAP000321-PB,AGAP000321-PA	-	32	0.007539211	1	3437.588	-2.15	Midgut	X:+:5710803-5710907;X:+:5710803-5710907	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_23106	LHAGPIGSGYELVR	AGAP000321-PB,AGAP000321-PA	-	57	2.16E-05	1	1468.790	-0.2	Midgut	X:+:5710908-5710949;X:+:5710908-5710949	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_30320	TLVQNDDGKKPWLQYVQEGLQQLSGR	AGAP000321-PB,AGAP000321-PA	-	108	1.16E-10	1	3000.568	4.63	Malpighian tubule	X:+:5710650-5710727;X:+:5710650-5710727	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_37548	TNTSTVLLIER	AGAP000321-PB,AGAP000321-PA	-	74	3.94E-07	2	1246.700	0.24	Salivary gland	X:+:5706594-5706626;X:+:5706594-5706626	exon=> In CDS Exon 1 of transcript AGAP000321-PB;exon=> In CDS Exon 1 of transcript AGAP000321-PA
JHU_Ag_38294	LHAGPIGSGYELVR	AGAP000321-PB,AGAP000321-PA	-	61	7.92E-06	1	1468.791	0.38	Head	X:+:5710908-5710949;X:+:5710908-5710949	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_48383	RLERPPPPPTPPKPER	AGAP000321-PB,AGAP000321-PA	-	25	0.008960052	1	1864.058	1.4	Head	X:+:5706444-5706491;X:+:5706444-5706491	exon=> In CDS Exon 1 of transcript AGAP000321-PB;exon=> In CDS Exon 1 of transcript AGAP000321-PA
JHU_Ag_59176	NVIEVAHPIAQPSGEGDGGDDTDASGGGPVPHQTR	AGAP000321-PB,AGAP000321-PA	-	94	4.71E-09	1	3437.604	2.54	Head	X:+:5710803-5710907;X:+:5710803-5710907	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_62166	GYNEIQAVEIELR	AGAP000321-PB,AGAP000321-PA	-	42	0.00101126	2	1533.799	5.66	Visceras	X:+:5707106-5707144;X:+:5707106-5707144	exon=> In CDS Exon 3 of transcript AGAP000321-PB;exon=> In CDS Exon 3 of transcript AGAP000321-PA
JHU_Ag_63767	LHAGPIGSGYELVR	AGAP000321-PB,AGAP000321-PA	-	50	0.000110872	1	1468.794	2.12	Salivary gland	X:+:5710908-5710949;X:+:5710908-5710949	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_64395	EAMTAAGNTTTR	AGAP000321-PB,AGAP000321-PA	M3(Oxidation)	45	0.000372459	2	1239.564	0.45	Salivary gland	X:+:5710371-5710406;X:+:5710371-5710406	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_78313	TNTSTVLLIER	AGAP000321-PB,AGAP000321-PA	-	66	1.96E-06	2	1246.702	1.61	Head	X:+:5706594-5706626;X:+:5706594-5706626	exon=> In CDS Exon 1 of transcript AGAP000321-PB;exon=> In CDS Exon 1 of transcript AGAP000321-PA
JHU_Ag_86048	THVAGGDHR	AGAP000321-PB,AGAP000321-PA	-	54	5.12E-05	2	949.458	-2.51	Head	X:+:5706654-5706680;X:+:5706654-5706680	exon=> In CDS Exon 1 of transcript AGAP000321-PB;exon=> In CDS Exon 1 of transcript AGAP000321-PA

JHU_Ag_87834	ILELIEQAYPNPIAPEDLAK	AGAP000321-PB,AGAP000321-PA	-	40	0.000538086	2	2237.211	1.79	Visceras	X:+:5708547-5708605,5708718-5708718;X:+:5708547-5708605,5708718-5708718	exon=> In CDS Exon 4 and 5 of transcript AGAP000321-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP000321-PA
JHU_Ag_103640	TNTSTVLLIER	AGAP000321-PB,AGAP000321-PA	-	74	2.94E-07	2	1246.707	5.33	Malpighian tubule	X:+:5706594-5706626;X:+:5706594-5706626	exon=> In CDS Exon 1 of transcript AGAP000321-PB;exon=> In CDS Exon 1 of transcript AGAP000321-PA
JHU_Ag_104706	IHHDDQAIKIVK	AGAP000321-PB,AGAP000321-PA	-	36	0.001786131	1	1416.801	3.5	Malpighian tubule	X:+:5708815-5708850;X:+:5708815-5708850	exon=> In CDS Exon 5 of transcript AGAP000321-PB;exon=> In CDS Exon 6 of transcript AGAP000321-PA
JHU_Ag_108703	LHAGPIGSGYELVR	AGAP000321-PB,AGAP000321-PA	-	46	0.000243675	3	1468.796	3.55	Malpighian tubule	X:+:5710908-5710949;X:+:5710908-5710949	exon=> In CDS Exon 6 of transcript AGAP000321-PB;exon=> In CDS Exon 7 of transcript AGAP000321-PA
JHU_Ag_3418	TGAGGLLPPPPGGNK	AGAP000322-PA	-	34	0.004066797	2	1332.727	-0.1	Head	X:+:5720528-5720572	exon=> In CDS Exon 2 of transcript AGAP000322-PA
JHU_Ag_6193	TAFIGLGFGDR	AGAP000322-PA	-	81	9.15E-08	2	1153.599	-0.7	Male reproductive organs	X:+:5720216-5720248	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_21308	GEPEYESVVLVK	AGAP000322-PA	N-Term(Acetyl)	56	4.47E-05	1	1390.709	-0.62	Head	X:+:5719916-5719951	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_27205	AADWNLLDPIWTGR	AGAP000322-PA	-	39	0.001950331	2	1627.824	0.45	Larva	X:+:5720006-5720047	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_28986	AADWNLLDPIWTGR	AGAP000322-PA	-	48	0.000240888	1	1627.829	4.05	Salivary gland	X:+:5720006-5720047	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_30746	AADWNLLDPIWTGRLR	AGAP000322-PA	-	70	8.19E-07	1	1897.014	3.08	Malpighian tubule	X:+:5720006-5720053	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_55866	TAFIGLGFGDR	AGAP000322-PA	-	71	1.08E-06	2	1153.601	0.99	Ovary	X:+:5720216-5720248	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_65433	GEPEYESVVLVK	AGAP000322-PA	N-Term(Acetyl)	56	4.47E-05	2	1390.708	-1.29	Ovary	X:+:5719916-5719951	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_73386	AADWNLLDPIWTGR	AGAP000322-PA	-	76	3.42E-07	1	1627.823	0.3	Male reproductive organs	X:+:5720006-5720047	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_84082	TAFIGLGFGDR	AGAP000322-PA	-	53	6.65E-05	2	1153.601	0.67	Head	X:+:5720216-5720248	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_85023	AADWNLLDPIWTGR	AGAP000322-PA	-	89	1.64E-08	1	1627.827	2.7	Head	X:+:5720006-5720047	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_88763	EGETIKINMK	AGAP000322-PA	M9(Oxidation)	42	0.000856777	2	1178.601	-6.26	Salivary gland	X:+:5720366-5720395	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_89660	ISPPQASSPSHLPAASSTAAGGQTEWGEFTSAGVQSTTADAAAATPSK	AGAP000322-PA	-	34	0.003415723	1	4584.164	-2.76	Head	X:+:5720573-5720670,5720866-5720911	exon=> In CDS Exon 2 and 3 of transcript AGAP000322-PA
JHU_Ag_98441	AADWNLLDPIWTGR	AGAP000322-PA	-	72	9.51E-07	1	1627.824	0.6	Ovary	X:+:5720006-5720047	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_108677	AADWNLLDPIWTGR	AGAP000322-PA	-	67	2.72E-06	2	1627.830	4.72	Malpighian tubule	X:+:5720006-5720047	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_113570	SDSFDMNVALQDHFK	AGAP000322-PA	M6(Oxidation)	68	1.24E-06	1	1769.781	0.76	Ovary	X:+:5720249-5720293	exon=> In CDS Exon 1 of transcript AGAP000322-PA
JHU_Ag_108128	SVRPVPLHFVGIEPGGAVER	AGAP000324-PA	-	56	1.01E-05	1	2116.176	4.35	Ovary	X:+:5733946-5734005	exon=> In CDS Exon 1 of transcript AGAP000324-PA
JHU_Ag_1777	YLDLILNNNVRNIFVTR	AGAP000325-PB,AGAP000325-PA	-	93	1.20E-09	1	2077.169	6.44	Malpighian tubule	X:+:5744967-5745017;X:+:5744967-5745017	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_2496	ALIISYVR	AGAP000325-PB,AGAP000325-PA	-	36	0.00044643	2	934.571	-0.64	Visceras	X:+:5745018-5745041;X:+:5745018-5745041	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA

JHU_Ag_2865	SAAVAELKK	AGAP000325-PB,AGAP000325-PA	-	55	4.40E-05	1	916.549	2.52	Malpighian tubule	X:+:5744514-5744540;X:+:5744514-5744540	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_3771	SPDTHPYPHK	AGAP000325-PB,AGAP000325-PA	-	39	0.001932034	1	1178.565	5.56	Malpighian tubule	X:+:5744541-5744570;X:+:5744541-5744570	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_5766	VTFPAADQLHTPEAVQFLDALCVK	AGAP000325-PB,AGAP000325-PA	C22(Carbamidomethyl)	118	1.73E-11	1	2670.366	2.21	Salivary gland	X:+:5745492-5745563;X:+:5745492-5745563	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_6197	KEVCNAYTELNDPAVQR	AGAP000325-PB,AGAP000325-PA	C4(Carbamidomethyl)	81	1.47E-07	1	2006.974	6.77	Malpighian tubule	X:+:5745753-5745803;X:+:5745753-5745803	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_6663	FELFVMR	AGAP000325-PB,AGAP000325-PA	M6(Oxidation)	47	0.000193172	2	957.489	2.75	Pupa	X:+:5745732-5745752;X:+:5745732-5745752	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_7257	EVCNAYTELNDPAVQR	AGAP000325-PB,AGAP000325-PA	C3(Carbamidomethyl)	87	2.71E-08	2	1878.868	1.77	Ovary	X:+:5745756-5745803;X:+:5745756-5745803	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_7322	ALIISYVR	AGAP000325-PB,AGAP000325-PA	-	36	0.000452035	2	934.573	0.92	Pupa	X:+:5745018-5745041;X:+:5745018-5745041	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_7905	YSGLQDGETLDDVTVSVAGR	AGAP000325-PB,AGAP000325-PA	-	122	1.16E-11	2	2081.995	-1.68	Ovary	X:+:5744610-5744669;X:+:5744610-5744669	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_7931	LTMFLTDSNNIK	AGAP000325-PB,AGAP000325-PA	-	51	0.000106691	2	1396.714	0.1	Ovary	X:+:5745936-5745971;X:+:5745936-5745971	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_8697	VTFPAADQLHTPEAVQFLDALCVK	AGAP000325-PB,AGAP000325-PA	C22(Carbamidomethyl)	69	1.47E-06	1	2670.372	4.54	Ovary	X:+:5745492-5745563;X:+:5745492-5745563	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_14113	ISMISSLEEALK	AGAP000325-PB,AGAP000325-PA	-	69	1.93E-06	2	1320.710	1.52	Pupa	X:+:5745456-5745491;X:+:5745456-5745491	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_15743	YLDLILNNNVR	AGAP000325-PB,AGAP000325-PA	-	70	1.15E-06	2	1346.745	1.91	Pupa	X:+:5744967-5744999;X:+:5744967-5744999	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_17629	LTMFLTDSNNIK	AGAP000325-PB,AGAP000325-PA	-	62	9.91E-06	2	1396.715	0.89	Midgut	X:+:5745936-5745971;X:+:5745936-5745971	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_18813	EVCNAYTELNDPAVQR	AGAP000325-PB,AGAP000325-PA	C3(Carbamidomethyl)	113	5.96E-11	1	1878.863	-1.02	Midgut	X:+:5745756-5745803;X:+:5745756-5745803	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_19371	EVCNAYTELNDPAVQRER	AGAP000325-PB,AGAP000325-PA	C3(Carbamidomethyl)	84	5.40E-08	1	2164.022	6.03	Malpighian tubule	X:+:5745756-5745809;X:+:5745756-5745809	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_19556	SAAVAELK	AGAP000325-PB,AGAP000325-PA	-	45	0.000499229	1	788.454	3.47	Malpighian tubule	X:+:5744514-5744537;X:+:5744514-5744537	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_19618	AYESEQLFFEETAR	AGAP000325-PB,AGAP000325-PA	-	104	4.20E-10	2	1719.788	1.24	Ovary	X:+:5744760-5744801;X:+:5744760-5744801	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_20342	HEVECKPPR	AGAP000325-PB,AGAP000325-PA	C5(Carbamidomethyl)	60	1.43E-05	1	1151.565	2.13	Ovary	X:+:5745564-5745590;X:+:5745564-5745590	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA

JHU_Ag_22261	YHPDGPEGDEYEIDFTPPFR	AGAP000325-PB,AGAP000325-PA	-	73	4.09E-07	2	2381.039	1.3	Midgut	X:+:5745393-5745452;X:+:5745393-5745452	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_26720	EVCNAYTELNDPAVQR	AGAP000325-PB,AGAP000325-PA	C3(Carbamidomethyl)	101	1.19E-09	1	1878.875	5.15	Malpighian tubule	X:+:5745756-5745803;X:+:5745756-5745803	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_29247	FELFVMR	AGAP000325-PB,AGAP000325-PA	-	39	0.001126668	2	941.491	-0.47	Midgut	X:+:5745732-5745752;X:+:5745732-5745752	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_29492	RGDIIGVTGVPGK	AGAP000325-PB,AGAP000325-PA	-	54	1.43E-05	2	1268.732	-0.17	Pupa	X:+:5744808-5744846;X:+:5744808-5744846	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_29933	VTFPAADQLHTPEAVQFLDALCVK	AGAP000325-PB,AGAP000325-PA	C22(Carbamidomethyl)	67	2.25E-06	1	2670.373	4.89	Malpighian tubule	X:+:5745492-5745563;X:+:5745492-5745563	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_30774	HEVECKPPR	AGAP000325-PB,AGAP000325-PA	C5(Carbamidomethyl)	34	0.005690207	1	1151.563	0.37	Midgut	X:+:5745564-5745590;X:+:5745564-5745590	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_30949	ALIISYVRR	AGAP000325-PB,AGAP000325-PA	-	45	3.71E-05	1	1090.677	3.88	Malpighian tubule	X:+:5745018-5745044;X:+:5745018-5745044	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_33131	RGDIIGVTGVPGK	AGAP000325-PB,AGAP000325-PA	-	40	0.000416283	2	1268.726	-4.5	Head	X:+:5744808-5744846;X:+:5744808-5744846	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_33393	YLDLILNNNVR	AGAP000325-PB,AGAP000325-PA	-	68	1.54E-06	2	1346.746	2.72	Malpighian tubule	X:+:5744967-5744999;X:+:5744967-5744999	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_35163	NIFVTR	AGAP000325-PB,AGAP000325-PA	-	39	0.001309839	1	749.430	-0.24	Pupa	X:+:5745000-5745017;X:+:5745000-5745017	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_35637	YSGLQDGETLDDVTVSVAGR	AGAP000325-PB,AGAP000325-PA	Q5(Deamidated)	66	4.10E-06	2	2082.011	5.71	Head	X:+:5744610-5744669;X:+:5744610-5744669	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_35980	LLDKLVGEFLEETCINPTFICDHPQIMSPLAK	AGAP000325-PB,AGAP000325-PA	C14(Carbamidomethyl), C21(Carbamidomethyl), M27(Oxidation)	100	8.77E-10	1	3744.878	2.56	Malpighian tubule	X:+:5745603-5745698;X:+:5745603-5745698	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_36089	SAAAAQATDGGQVDK	AGAP000325-PB,AGAP000325-PA	-	125	4.46E-12	1	1389.666	3.97	Malpighian tubule	X:+:5744409-5744453;X:+:5744409-5744453	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_36236	YSGLQDGETLDDVTVSVAGR	AGAP000325-PB,AGAP000325-PA	-	105	5.39E-10	1	2082.000	0.43	Visceras	X:+:5744610-5744669;X:+:5744610-5744669	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_36415	ISMISSLEEALK	AGAP000325-PB,AGAP000325-PA	M3(Oxidation)	86	3.17E-08	2	1336.706	2.47	Larva	X:+:5745456-5745491;X:+:5745456-5745491	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_37149	YHPDGPEGDEYEIDFTPPFR	AGAP000325-PB,AGAP000325-PA	-	71	6.24E-07	1	2381.044	3.45	Head	X:+:5745393-5745452;X:+:5745393-5745452	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_37438	AYESEQLFFEETAR	AGAP000325-PB,AGAP000325-PA	-	96	2.62E-09	2	1719.788	1.17	Pupa	X:+:5744760-5744801;X:+:5744760-5744801	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_39144	QRYLDLILNNNVR	AGAP000325-PB,AGAP000325-PA	-	39	0.000739688	1	1630.909	4.16	Malpighian tubule	X:+:5744961-5744999;X:+:5744961-5744999	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA

JHU_Ag_39260	AYESEQLFFEETARLR	AGAP000325-PB,AGAP000325-PA	-	75	5.90E-07	1	1988.980	4.56	Malpighian tubule	X:+:5744760-5744807;X:+:5744760-5744807	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_39890	ISMISSLEEALK	AGAP000325-PB,AGAP000325-PA	M3(Oxidation)	85	4.73E-08	2	1336.705	1.38	Midgut	X:+:5745456-5745491;X:+:5745456-5745491	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_40334	ERFEQQAADK	AGAP000325-PB,AGAP000325-PA	-	43	0.000712002	1	1221.590	3.67	Malpighian tubule	X:+:5745804-5745833;X:+:5745804-5745833	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_41559	YLDLILNNNVR	AGAP000325-PB,AGAP000325-PA	-	73	5.85E-07	2	1346.742	-0.36	Midgut	X:+:5744967-5744999;X:+:5744967-5744999	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_46244	ALIISYVR	AGAP000325-PB,AGAP000325-PA	-	39	0.000218359	2	934.575	2.88	Malpighian tubule	X:+:5745018-5745041;X:+:5745018-5745041	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_46557	SPDTHPYPHK	AGAP000325-PB,AGAP000325-PA	-	38	0.002393819	1	1178.558	-0.86	Midgut	X:+:5744541-5744570;X:+:5744541-5744570	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_47096	VTFPAADQLHTPEAVQFLDALCVK	AGAP000325-PB,AGAP000325-PA	C22(Carbamidomethyl)	34	0.004067297	3	2670.382	8.52	Head	X:+:5745492-5745563;X:+:5745492-5745563	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_49559	LTMFLTDSNNIK	AGAP000325-PB,AGAP000325-PA	-	43	0.000778696	2	1396.716	1.15	Pupa	X:+:5745936-5745971;X:+:5745936-5745971	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_50941	YSGLQDGETLDDVTVSVAGR	AGAP000325-PB,AGAP000325-PA	Q5(Deamidated)	125	5.40E-12	1	2082.007	4.07	Midgut	X:+:5744610-5744669;X:+:5744610-5744669	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_54731	ALIISYVR	AGAP000325-PB,AGAP000325-PA	-	38	0.000293881	2	934.575	2.88	Head	X:+:5745018-5745041;X:+:5745018-5745041	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_60856	ALIISYVR	AGAP000325-PB,AGAP000325-PA	-	41	0.000134639	2	934.573	0.79	Salivary gland	X:+:5745018-5745041;X:+:5745018-5745041	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_61964	YHPDGPEGDEYEIDFTPPFRR	AGAP000325-PB,AGAP000325-PA	-	48	0.000172659	4	2537.145	3.36	Ovary	X:+:5745393-5745455;X:+:5745393-5745455	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_62002	VTFPAADQLHTPEAVQFLDALCVK	AGAP000325-PB,AGAP000325-PA	C22(Carbamidomethyl)	78	1.96E-07	1	2670.371	4.13	Visceras	X:+:5745492-5745563;X:+:5745492-5745563	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_62933	RGDIIGVTGVPGK	AGAP000325-PB,AGAP000325-PA	-	55	1.27E-05	1	1268.732	0.12	Midgut	X:+:5744808-5744846;X:+:5744808-5744846	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_63880	GDIIGVTGVPGK	AGAP000325-PB,AGAP000325-PA	-	57	1.13E-05	2	1112.636	4.13	Malpighian tubule	X:+:5744811-5744846;X:+:5744811-5744846	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_64157	AYESEQLFFEETAR	AGAP000325-PB,AGAP000325-PA	-	51	0.000105229	2	1719.793	3.73	Head	X:+:5744760-5744801;X:+:5744760-5744801	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_65578	ENLDEISPNEYFKLR	AGAP000325-PB,AGAP000325-PA	-	53	6.99E-05	1	1866.938	8.03	Malpighian tubule	X:+:5744469-5744513;X:+:5744469-5744513	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_66928	YHPDGPEGDEYEIDFTPPFR	AGAP000325-PB,AGAP000325-PA	-	38	0.001315461	1	2381.045	4.06	Larva	X:+:5745393-5745452;X:+:5745393-5745452	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA

JHU_Ag_68435	ISMISSLEEALK	AGAP000325-PB,AGAP000325-PA	M3(Oxidation)	70	1.52E-06	2	1320.710	1.15	Ovary	X:+:5745456-5745491;X:+:5745456-5745491	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_70002	YLDLILNNNVR	AGAP000325-PB,AGAP000325-PA	-	51	8.76E-05	2	1346.748	3.81	Visceras	X:+:5744967-5744999;X:+:5744967-5744999	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_73403	ALIISYVR	AGAP000325-PB,AGAP000325-PA	-	31	0.001007229	1	934.577	4.91	Ovary	X:+:5745018-5745041;X:+:5745018-5745041	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_75000	AYESEQLFFEETAR	AGAP000325-PB,AGAP000325-PA	-	115	3.28E-11	1	1719.784	-1.46	Midgut	X:+:5744760-5744801;X:+:5744760-5744801	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_75138	YHPDGPEGDEYEIDFTPPFRR	AGAP000325-PB,AGAP000325-PA	-	67	2.17E-06	1	2537.147	4.03	Malpighian tubule	X:+:5745393-5745455;X:+:5745393-5745455	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_75478	YLDLILNNNVR	AGAP000325-PB,AGAP000325-PA	-	81	8.06E-08	2	1346.749	4.44	Salivary gland	X:+:5744967-5744999;X:+:5744967-5744999	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_77065	AYESEQLFFEETAR	AGAP000325-PB,AGAP000325-PA	-	117	2.64E-11	1	1719.796	5.93	Malpighian tubule	X:+:5744760-5744801;X:+:5744760-5744801	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_77624	YHPDGPEGDEYEIDFTPPFR	AGAP000325-PB,AGAP000325-PA	-	87	1.48E-08	2	2381.036	0.17	Ovary	X:+:5745393-5745452;X:+:5745393-5745452	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_80899	EVLLFPAMKPDDPNRK	AGAP000325-PB,AGAP000325-PA	M8(Oxidation)	50	0.000124768	1	1885.980	-2.25	Head	X:+:5745972-5746019;X:+:5745972-5746019	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_89644	YLDLILNNNVR	AGAP000325-PB,AGAP000325-PA	-	58	1.75E-05	2	1346.744	0.91	Ovary	X:+:5744967-5744999;X:+:5744967-5744999	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_89911	ISMISSLEEALK	AGAP000325-PB,AGAP000325-PA	-	46	0.000292813	2	1320.711	2.35	Visceras	X:+:5745456-5745491;X:+:5745456-5745491	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_90491	KGELSAMAR	AGAP000325-PB,AGAP000325-PA	-	60	1.36E-05	2	962.512	3.74	Malpighian tubule	X:+:5744853-5744879;X:+:5744853-5744879	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_92002	ISMISSLEEALK	AGAP000325-PB,AGAP000325-PA	-	54	5.70E-05	2	1320.713	3.55	Head	X:+:5745456-5745491;X:+:5745456-5745491	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_92326	SATGLTERFELFVMR	AGAP000325-PB,AGAP000325-PA	M14(Oxidation)	87	2.69E-08	1	1772.909	4.81	Malpighian tubule	X:+:5745708-5745752;X:+:5745708-5745752	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_93125	ALIISYVR	AGAP000325-PB,AGAP000325-PA	-	45	5.77E-05	2	934.573	0.6	Midgut	X:+:5745018-5745041;X:+:5745018-5745041	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_96768	FEQQAADK	AGAP000325-PB,AGAP000325-PA	-	37	0.003039429	2	936.440	-1.95	Ovary	X:+:5745810-5745833;X:+:5745810-5745833	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_99940	SAAAAQATDGGQVDK	AGAP000325-PB,AGAP000325-PA	-	60	1.29E-05	2	1389.661	0.28	Ovary	X:+:5744409-5744453;X:+:5744409-5744453	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_100538	SAAAAQATDGGQVDK	AGAP000325-PB,AGAP000325-PA	-	87	2.66E-08	1	1389.663	2.04	Head	X:+:5744409-5744453;X:+:5744409-5744453	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA

JHU_Ag_104979	VKYHPDGPEGDEYEIDFTPPFR	AGAP000325-PB,AGAP000325-PA	-	92	8.90E-09	1	2608.228	11.01	Malpighian tubule	X:+:5745387-5745452;X:+:5745387-5745452	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_107399	YSGLQDGETLDDVTVSVAGR	AGAP000325-PB,AGAP000325-PA	-	102	1.18E-09	2	2081.996	-1.44	Pupa	X:+:5744610-5744669;X:+:5744610-5744669	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_108300	YHPDGPEGDEYEIDFTPPFR	AGAP000325-PB,AGAP000325-PA	-	72	5.42E-07	1	2381.040	1.76	Malpighian tubule	X:+:5745393-5745452;X:+:5745393-5745452	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_108571	RGDIIGVTGVPGK	AGAP000325-PB,AGAP000325-PA	-	40	0.000322715	2	1268.738	4.74	Malpighian tubule	X:+:5744808-5744846;X:+:5744808-5744846	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_109424	EVCNAYTELNDPAVQR	AGAP000325-PB,AGAP000325-PA	C3(Carbamidomethyl)	82	9.85E-08	2	1878.873	4.11	Salivary gland	X:+:5745756-5745803;X:+:5745756-5745803	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_109613	ENLDEISPNEYFK	AGAP000325-PB,AGAP000325-PA	-	45	0.000370142	2	1597.740	0.91	Ovary	X:+:5744469-5744507;X:+:5744469-5744507	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_110077	RGDIIGVTGVPGK	AGAP000325-PB,AGAP000325-PA	-	41	0.000287383	2	1268.731	-0.74	Ovary	X:+:5744808-5744846;X:+:5744808-5744846	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_114146	YSGLQDGETLDDVTVSVAGR	AGAP000325-PB,AGAP000325-PA	-	133	7.91E-13	1	2082.013	6.88	Malpighian tubule	X:+:5744610-5744669;X:+:5744610-5744669	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_114184	YHPDGPEGDEYEIDFTPPFR	AGAP000325-PB,AGAP000325-PA	-	77	1.47E-07	1	2381.037	0.6	Pupa	X:+:5745393-5745452;X:+:5745393-5745452	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_117077	ISMISSLEEALK	AGAP000325-PB,AGAP000325-PA	M3(Oxidation)	64	4.40E-06	2	1320.714	4.57	Malpighian tubule	X:+:5745456-5745491;X:+:5745456-5745491	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_117419	FSVTVSLGEFIER	AGAP000325-PB,AGAP000325-PA	-	76	2.68E-07	2	1483.789	6.77	Malpighian tubule	X:+:5744571-5744609;X:+:5744571-5744609	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA
JHU_Ag_11587	IAPELYLK	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	-	34	0.001726095	2	946.565	4.84	Ovary	X:+:5745168-5745191;X:+:5745168-5745191;3R:-:2252918-2252895	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_24044	MLTVGGLDR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	M1(Oxidation)	40	0.001744739	2	977.512	3.34	Ovary	X:+:5745192-5745218;X:+:5745192-5745218;3R:-:2252894-2252868	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_26034	MLTVGGLDR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	M1(Oxidation)	62	9.77E-06	2	977.512	3.09	Malpighian tubule	X:+:5745192-5745218;X:+:5745192-5745218;3R:-:2252894-2252868	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_29290	MLTVGGLDR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	-	46	0.000433783	2	961.513	-0.56	Salivary gland	X:+:5745192-5745218;X:+:5745192-5745218;3R:-:2252894-2252868	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA

JHU_Ag_36333	MLTVGGLDR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	M1(Oxidation)	39	0.001523078	2	977.513	4.27	Larva	X:+:5745192-5745218;X:+:5745192-5745218;3R:-:2252894-2252868	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_52150	MLTVGGLDRVYEIGR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	M1(Oxidation)	71	7.13E-07	1	1678.903	4.89	Malpighian tubule	X:+:5745192-5745236;X:+:5745192-5745236;3R:-:2252894-2252850	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_80654	LIFFDLR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	-	32	0.002406517	2	923.536	1.12	Visceras	X:+:5744700-5744720;X:+:5744700-5744720;3R:-:2253386-2253366	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_87166	LIFFDLR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	-	42	0.00027195	2	923.535	-0.27	Midgut	X:+:5744700-5744720;X:+:5744700-5744720;3R:-:2253386-2253366	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_88806	LIFFDLR	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	-	38	0.000741974	2	923.535	0.46	Head	X:+:5744700-5744720;X:+:5744700-5744720;3R:-:2253386-2253366	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_110280	IAPELYLK	AGAP000325-PB,AGAP000325-PA,AGAP007858-PA	-	35	0.001358516	2	946.565	4.01	Malpighian tubule	X:+:5745168-5745191;X:+:5745168-5745191;3R:-:2252918-2252895	exon=> In CDS Exon 2 of transcript AGAP000325-PB;exon=> In CDS Exon 2 of transcript AGAP000325-PA;exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_6599	TVPRPVRPIFLPCVSIER	AGAP000326-PA	C13(Carbamidomethyl)	29	0.002172892	1	2136.214	1.27	Head	X:+:5749494-5749547	exon=> In CDS Exon 2 of transcript AGAP000326-PA
JHU_Ag_6878	FWENTVTTLYRPPDGDAR	AGAP000326-PA	-	87	3.88E-08	1	2138.035	2.15	Head	X:+:5748990-5749043	exon=> In CDS Exon 2 of transcript AGAP000326-PA
JHU_Ag_27385	FWENTVTTLYRPPDGDAR	AGAP000326-PA	-	44	0.000730892	1	2138.030	-0.34	Malpighian tubule	X:+:5748990-5749043	exon=> In CDS Exon 2 of transcript AGAP000326-PA
JHU_Ag_49399	TVPRPVRPIFLPCVSIER	AGAP000326-PA	C13(Carbamidomethyl)	43	7.64E-05	1	2136.221	4.61	Ovary	X:+:5749494-5749547	exon=> In CDS Exon 2 of transcript AGAP000326-PA
JHU_Ag_67993	AQGIVNLLR	AGAP000326-PA	-	43	0.000161825	2	983.600	0.03	Visceras	X:+:5749284-5749310	exon=> In CDS Exon 2 of transcript AGAP000326-PA
JHU_Ag_3182	TILSEENAISKPR	AGAP000331-PA	-	55	3.52E-05	2	1457.803	4.55	Malpighian tubule	X:-:5801488-5801450	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_3729	AVNHPAAFLIISNR	AGAP000331-PA	-	68	6.20E-07	1	1522.856	4.56	Larva	X:-:5803072-5803031	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_5232	STAEVVCDAPAERPRPAPR	AGAP000331-PA	C7(Carbamidomethyl)	51	9.49E-05	1	2079.051	5	Malpighian tubule	X:-:5791743-5791877,5791365-5791604	exon=> In CDS Exon 13 and 12 of transcript AGAP000331-PA
JHU_Ag_5518	LYVADLVGQK	AGAP000331-PA	-	49	0.000112412	2	1105.626	0.83	Salivary gland	X:-:5808359-5808330	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_6300	VDVFELDGR	AGAP000331-PA	-	66	4.04E-06	2	1049.529	3.05	Salivary gland	X:-:5808329-5808303	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_12632	LALFENR	AGAP000331-PA	-	45	0.000430886	2	862.479	0.6	Salivary gland	X:-:5808002-5807982	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_13405	ALVQAGLEVPTAIAVDPQLGR	AGAP000331-PA	-	39	0.00041309	2	2118.194	0.96	Salivary gland	X:-:5792394-5792332	exon=> In CDS Exon 11 of transcript AGAP000331-PA

JHU_Ag_14552	ALIAVHPLTQPK	AGAP000331-PA	-	48	3.22E-05	2	1287.779	0.83	Salivary gland	X:-:5807873-5807838	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_19705	TFAVVSQLDVTR	AGAP000331-PA	-	82	5.34E-08	2	1335.729	1.54	Salivary gland	X:-:5801164-5801129	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_24013	TILSEENAISKPR	AGAP000331-PA	-	87	2.29E-08	1	1457.795	-0.3	Salivary gland	X:-:5801488-5801450	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_28947	STAEVVCDAPAERPRPAPR	AGAP000331-PA	C7(Carbamidomethyl)	64	6.35E-06	1	2079.038	-0.9	Head	X:-:5791743-5791877,5791365-5791604	exon=> In CDS Exon 13 and 12 of transcript AGAP000331-PA
JHU_Ag_29423	SSFGSLVEDGVR	AGAP000331-PA	-	70	1.37E-06	2	1252.619	1.65	Salivary gland	X:-:5796311-5796276	exon=> In CDS Exon 9 of transcript AGAP000331-PA
JHU_Ag_33998	AQVCDYADDCGDGSDELGCHR	AGAP000331-PA	C4(Carbamidomethyl), C10(Carbamidomethyl), C19(Carbamidomethyl)	36	0.000134943	1	2399.902	4.07	Larva	X:-:5793087-5793025	exon=> In CDS Exon 11 of transcript AGAP000331-PA
JHU_Ag_34079	KDDTKPWLIFSNK	AGAP000331-PA	-	51	8.90E-05	1	1591.848	-0.04	Salivary gland	X:-:5796491-5796453	exon=> In CDS Exon 9 of transcript AGAP000331-PA
JHU_Ag_42369	ALVQAGLEVPTAIAVDPQLGR	AGAP000331-PA	-	56	7.57E-06	2	2118.193	0.39	Malpighian tubule	X:-:5792394-5792332	exon=> In CDS Exon 11 of transcript AGAP000331-PA
JHU_Ag_43936	EGSSLSTGPFTEPVSAILAPSSITHK	AGAP000331-PA	-	84	4.06E-08	1	2613.353	4.55	Head	X:-:5790133-5790056	exon=> In CDS Exon 15 of transcript AGAP000331-PA
JHU_Ag_48410	VPIIVENVVATASNMHTGTIFWSDMK	AGAP000331-PA	M15(Oxidation), M25(Oxidation)	57	2.83E-05	1	2892.439	3.92	Larva	X:-:5802985-5802908	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_55325	NYIYWTDLQLR	AGAP000331-PA	-	42	0.000830489	2	1484.756	1.61	Salivary gland	X:-:5799556-5799524	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_60513	LILDNEPDLR	AGAP000331-PA	-	60	8.35E-06	1	1197.648	0.77	Salivary gland	X:-:5801356-5801327	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_61279	DMSDEIGCPPR	AGAP000331-PA	M2(Oxidation), C8(Carbamidomethyl)	67	4.10E-07	1	1292.525	0.62	Head	X:-:5793447-5793415	exon=> In CDS Exon 11 of transcript AGAP000331-PA
JHU_Ag_61605	LLYWIDYGQYPR	AGAP000331-PA	-	54	5.82E-05	2	1586.810	6	Head	X:-:5800756-5800721	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_63050	ALIAVHPLTQPK	AGAP000331-PA	-	68	3.16E-07	1	1287.778	-0.49	Head	X:-:5807873-5807838	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_68815	LILDNEPDLR	AGAP000331-PA	-	40	0.000853867	2	1197.647	-0.05	Visceras	X:-:5801356-5801327	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_70501	ASGVAVDVIAR	AGAP000331-PA	-	71	8.68E-07	2	1057.599	-1.11	Salivary gland	X:-:5808143-5808111	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_72207	VLDPVIEGFSDAILPVVSR	AGAP000331-PA	-	110	4.71E-11	1	2026.127	2.27	Salivary gland	X:-:5807642-5807586	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_74126	ELAVNPIKR	AGAP000331-PA	-	48	5.52E-05	1	1039.628	2.22	Salivary gland	X:-:5800783-5800757	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_74152	KLYWLDR	AGAP000331-PA	-	48	0.000137363	2	993.551	-0.22	Salivary gland	X:-:5796203-5796183	exon=> In CDS Exon 9 of transcript AGAP000331-PA
JHU_Ag_77850	FVGLDFDAVDEHIYYSDVLQDVIYR	AGAP000331-PA	-	158	2.34E-15	1	2991.444	0.82	Salivary gland	X:-:5807576-5807502	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_79413	ANADGSGLIVFR	AGAP000331-PA	-	67	3.09E-06	2	1219.642	-0.63	Salivary gland	X:-:5807240-5807205	exon=> In CDS Exon 6 of transcript AGAP000331-PA
JHU_Ag_81177	LASNIEAISVDGK	AGAP000331-PA	-	91	1.22E-08	2	1316.708	1.98	Salivary gland	X:-:5801824-5801786	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_88831	LLYWIDYGQYPR	AGAP000331-PA	-	75	4.18E-07	1	1586.806	3.92	Salivary gland	X:-:5800756-5800721	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_89791	DLSQPSGLAIDYDDR	AGAP000331-PA	-	99	1.56E-09	2	1664.777	0.44	Head	X:-:5799718-5799674	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_91094	MLYWTDAVR	AGAP000331-PA	M1(Oxidation)	34	0.003977408	2	1170.564	2.25	Larva	X:-:5799673-5799647	exon=> In CDS Exon 7 of transcript AGAP000331-PA

JHU_Ag_91555	LFWIDEGGFGVLTK	AGAP000331-PA	-	99	1.54E-09	1	1581.835	2.15	Salivary gland	X:-:5801692-5801651	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_94211	GINPEGIAYDWTQR	AGAP000331-PA	-	49	0.000215534	1	1619.783	1.2	Pupa	X:-:5799979-5799938	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_97606	DLSQPSGLAIDYDDR	AGAP000331-PA	-	101	1.12E-09	2	1664.782	3.37	Salivary gland	X:-:5799718-5799674	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_102307	LPPAVLSIEYDGTGQR	AGAP000331-PA	-	72	9.84E-07	1	1715.903	3.95	Salivary gland	X:-:5801536-5801489	exon=> In CDS Exon 7 of transcript AGAP000331-PA
JHU_Ag_44149	HGEAVGYLAQHGPALLALAK	AGAP000332-PA	-	88	9.77E-09	1	2016.111	3.95	Ovary	X:-:5850956-5850897	exon=> In CDS Exon 4 of transcript AGAP000332-PA
JHU_Ag_56587	ALQDEEQEEEERPVAQK	AGAP000337-PA	-	50	0.000135512	1	2027.977	12.51	Ovary	X:+:5880927-5880977	exon=> In CDS Exon 4 of transcript AGAP000337-PA
JHU_Ag_18862	HCNLGSVAGGLFLDTANVLR	AGAP000340-PA	C2(Carbamidomethyl)	78	1.96E-07	1	2114.080	-0.39	Midgut	X:-:5891964-5891905	exon=> In CDS Exon 1 of transcript AGAP000340-PA
JHU_Ag_18955	LTGDALTAAVFR	AGAP000340-PA	-	101	7.93E-10	1	1234.680	0.63	Midgut	X:-:5891883-5891848	exon=> In CDS Exon 1 of transcript AGAP000340-PA
JHU_Ag_32458	LAAQGLGFTSAPVR	AGAP000340-PA	-	90	8.97E-09	2	1387.768	-0.86	Midgut	X:-:5890718-5890677	exon=> In CDS Exon 3 of transcript AGAP000340-PA
JHU_Ag_43182	TSAVHAYDLLDCSR	AGAP000340-PA	C12(Carbamidomethyl)	102	8.51E-10	1	1607.747	-1.11	Midgut	X:-:5892156-5892115	exon=> In CDS Exon 1 of transcript AGAP000340-PA
JHU_Ag_49836	HCNLGSVAGGLFLDTANVLR	AGAP000340-PA	C2(Carbamidomethyl)	54	5.10E-05	1	2114.088	2.99	Malpighian tubule	X:-:5891964-5891905	exon=> In CDS Exon 1 of transcript AGAP000340-PA
JHU_Ag_67980	LAAQGLGFTSAPVR	AGAP000340-PA	-	56	2.70E-05	2	1387.766	-2.17	Male reproductive organs	X:-:5890718-5890677	exon=> In CDS Exon 3 of transcript AGAP000340-PA
JHU_Ag_81850	LTGDALTAAVFR	AGAP000340-PA	-	68	1.48E-06	1	1234.683	3.3	Male reproductive organs	X:-:5891883-5891848	exon=> In CDS Exon 1 of transcript AGAP000340-PA
JHU_Ag_109733	VDLSHNRLTGDALTAAVFR	AGAP000340-PA	-	113	4.31E-11	1	2056.099	2.57	Malpighian tubule	X:-:5891904-5891848	exon=> In CDS Exon 1 of transcript AGAP000340-PA
JHU_Ag_35780	DVHQVLSVDHR	AGAP000341-PA	-	35	0.006460633	1	1304.670	-0.74	Midgut	X:-:5898949-5898917	exon=> In CDS Exon 2 of transcript AGAP000341-PA
JHU_Ag_41005	SGGFPFIIDQQFK	AGAP000341-PA	-	66	3.24E-06	2	1483.755	-2.03	Midgut	X:-:5898485-5898447	exon=> In CDS Exon 4 of transcript AGAP000341-PA
JHU_Ag_83210	LAIGLAEQEFK	AGAP000341-PA	-	46	0.00025	2	1218.670	-2.63	Midgut	X:-:5898446-5898414	exon=> In CDS Exon 4 of transcript AGAP000341-PA
JHU_Ag_95321	FDPHYVVVR	AGAP000341-PA	-	35	0.005343839	1	1131.594	-0.23	Midgut	X:-:5898626-5898600	exon=> In CDS Exon 3 of transcript AGAP000341-PA
JHU_Ag_98922	LGGQWQPAADDVPDEAGATAR	AGAP000341-PA	-	91	1.44E-08	1	2124.999	2.1	Malpighian tubule	X:-:5899162-5899100	exon=> In CDS Exon 2 of transcript AGAP000341-PA
JHU_Ag_110850	NSHASDALDFR	AGAP000341-PA	-	34	0.003741393	2	1232.570	3.55	Midgut	X:-:5898599-5898736,5898219-5898498	exon=> In CDS Exon 4 and 3 of transcript AGAP000341-PA
JHU_Ag_112557	LGGQWQPAADDVPDEAGATAR	AGAP000341-PA	-	91	1.35E-08	1	2124.993	-0.66	Midgut	X:-:5899162-5899100	exon=> In CDS Exon 2 of transcript AGAP000341-PA
JHU_Ag_114678	NSHASDALDFRQEER	AGAP000341-PA	-	60	1.09E-05	1	1774.814	2.14	Malpighian tubule	X:-:5898599-5898736,5898219-5898486	exon=> In CDS Exon 4 and 3 of transcript AGAP000341-PA
JHU_Ag_4644	HNEDGSYSYGYEAADGTFK	AGAP000344-PA	-	92	2.03E-09	1	2110.866	1.54	Head	X:+:5966835-5966891	exon=> In CDS Exon 2 of transcript AGAP000344-PA
JHU_Ag_74181	FQPQPQHHQQQQQQQYYQQPAVPQHR	AGAP000344-PA	-	36	0.003047497	1	3154.515	1.35	Head	X:+:5967360-5967434	exon=> In CDS Exon 3 of transcript AGAP000344-PA
JHU_Ag_80157	DAASQPEQPATSYQPQHR	AGAP000344-PA	-	43	0.000631431	1	2010.929	1.1	Pupa	X:+:5967306-5967359	exon=> In CDS Exon 3 of transcript AGAP000344-PA
JHU_Ag_84029	DAASQPEQPATSYQPQHR	AGAP000344-PA	-	41	0.00101559	1	2010.931	2.29	Head	X:+:5967306-5967359	exon=> In CDS Exon 3 of transcript AGAP000344-PA
JHU_Ag_85530	FQPQPQHHQQQQQQQYYQQPAVPQHR	AGAP000344-PA	-	46	0.000366078	1	3154.505	-1.74	Midgut	X:+:5967360-5967434	exon=> In CDS Exon 3 of transcript AGAP000344-PA

JHU_Ag_110526	LREIEYGASNR	AGAP000344-PA	-	63	8.58E-06	1	1307.666	-2.95	Head	X:+:5966958-5966990	exon=> In CDS Exon 2 of transcript AGAP000344-PA
JHU_Ag_510	HNEDGSYTYGYEGADGSFK	AGAP000345-PA	-	80	2.05E-08	1	2096.851	2.02	Head	X:+:5994477-5994533	exon=> In CDS Exon 3 of transcript AGAP000345-PA
JHU_Ag_63171	FQEVPIQQHQPQQHHQPQR	AGAP000345-PA	-	83	7.24E-08	1	2390.182	-1.87	Head	X:+:5995759-5995815	exon=> In CDS Exon 4 of transcript AGAP000345-PA
JHU_Ag_66258	NVGPQTFPGAAPAPEPK	AGAP000345-PA	-	70	1.40E-06	1	1677.863	2.23	Head	X:+:5996095-5996145	exon=> In CDS Exon 4 of transcript AGAP000345-PA
JHU_Ag_88211	SHFGSAAAAAPSVGPAPPRPAQIPNAVPVDVVYAPK	AGAP000345-PA	-	167	8.97E-17	1	3506.862	2.01	Head	X:+:5995954-5996061	exon=> In CDS Exon 4 of transcript AGAP000345-PA
JHU_Ag_110106	DDLLEDDDGNVPVAPR	AGAP000345-PA	-	58	2.19E-05	2	1739.813	2.76	Head	X:+:5994702-5994749	exon=> In CDS Exon 3 of transcript AGAP000345-PA
JHU_Ag_68259	GPTVGLFAFPR	AGAP000347-PA	-	70	1.05E-06	2	1161.642	0.28	Head	X:-:6137019-6136987	exon=> In CDS Exon 2 of transcript AGAP000347-PA
JHU_Ag_20796	DPIGNSTEAIMR	AGAP000348-PA	M11(Oxidation)	99	2.06E-09	1	1319.628	1.54	Head	X:-:6145065-6145030	exon=> In CDS Exon 13 of transcript AGAP000348-PA
JHU_Ag_36139	LSEVTPVTR	AGAP000348-PA	-	43	0.000886856	2	1001.562	-0.45	Head	X:-:6144936-6144910	exon=> In CDS Exon 13 of transcript AGAP000348-PA
JHU_Ag_37943	LAVQEFATALLDHAR	AGAP000348-PA	-	74	2.45E-07	2	1654.899	4.91	Head	X:-:6147768-6147724	exon=> In CDS Exon 5 of transcript AGAP000348-PA
JHU_Ag_39773	EHPEEFDINCVDPLNR	AGAP000348-PA	C10(Carbamidomethyl)	62	6.67E-06	1	1983.893	3.28	Head	X:-:6153985-6153938	exon=> In CDS Exon 1 of transcript AGAP000348-PA
JHU_Ag_65628	TPNLKPNENAIAGK	AGAP000348-PA	-	55	2.30E-05	1	1466.799	1.88	Head	X:-:6145497-6145689,6145199-6145361	exon=> In CDS Exon 12 and 11 of transcript AGAP000348-PA
JHU_Ag_67850	GLEMDTDHLVEYNPK	AGAP000348-PA	M4(Oxidation)	38	0.002032426	2	1776.818	3.98	Head	X:-:6144981-6144937	exon=> In CDS Exon 13 of transcript AGAP000348-PA
JHU_Ag_70545	ALSSSSLIALSSK	AGAP000348-PA	-	58	1.07E-05	2	1263.713	-2.13	Head	X:-:6148258-6148220	exon=> In CDS Exon 4 of transcript AGAP000348-PA
JHU_Ag_76691	DAADVAAATAAAEAAGASETSTSTFENER	AGAP000348-PA	-	78	2.03E-07	1	2785.252	4.52	Head	X:-:6144870-6144784	exon=> In CDS Exon 13 of transcript AGAP000348-PA
JHU_Ag_92892	SSSSFTADITPLILAAHK	AGAP000348-PA	-	69	1.12E-06	1	1858.994	1.42	Head	X:-:6153491-6153438	exon=> In CDS Exon 3 of transcript AGAP000348-PA
JHU_Ag_96635	RDDFGITEDDVMEIR	AGAP000348-PA	M12(Oxidation)	71	9.23E-07	1	1826.823	0.06	Head	X:-:6145602-6145558	exon=> In CDS Exon 11 of transcript AGAP000348-PA
JHU_Ag_96995	LALNHKQK	AGAP000348-PA	Q7(Deamidated)	37	0.000827174	2	952.558	0.77	Salivary gland	X:-:6147630-6147607	exon=> In CDS Exon 5 of transcript AGAP000348-PA
JHU_Ag_3695	APSAPSYQAPQIPIQPQNEEK	AGAP000352-PA	-	48	0.000228702	1	2293.146	0.13	Malpighian tubule	X:-:6221693-6221631	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_19597	HIYVHVPPPEPEEVR	AGAP000352-PA	-	73	6.42E-07	1	1797.933	2.76	Malpighian tubule	X:-:6221798-6221754	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_20532	VQRPIQLAAPQK	AGAP000352-PA	-	33	0.00066891	1	1348.808	1.23	Pupa	X:-:6221753-6221718	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_41054	VQRPIQLAAPQK	AGAP000352-PA	-	62	1.01E-06	1	1348.807	1.03	Midgut	X:-:6221753-6221718	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_41322	VQRPIQLAAPQK	AGAP000352-PA	-	48	2.15E-05	2	1348.809	1.95	Head	X:-:6221753-6221718	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_78671	VQRPIQLAAPQK	AGAP000352-PA	-	44	7.45E-05	1	1348.811	3.67	Larva	X:-:6221753-6221718	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_85353	APSAPSYQAPQIPIQPQNEEKTLVYVLVK	AGAP000352-PA	-	33	0.002362941	1	3208.727	0.4	Malpighian tubule	X:-:6221693-6221607	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_87018	APSAPSYQAPQIPIQPQNEEK	AGAP000352-PA	-	67	2.68E-06	2	2293.154	3.54	Larva	X:-:6221693-6221631	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_103918	APSAPSYQAPQIPIQPQNEEK	AGAP000352-PA	-	37	0.002448528	2	2293.157	4.92	Head	X:-:6221693-6221631	exon=> In CDS Exon 2 of transcript AGAP000352-PA

JHU_Ag_115708	VQRPIQLAAPQK	AGAP000352-PA	-	32	0.000769722	2	1348.810	2.58	Malpighian tubule	X:-:6221753-6221718	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_115984	HIYVHVPPPEPEEVR	AGAP000352-PA	-	48	0.000196131	1	1797.936	4.18	Larva	X:-:6221798-6221754	exon=> In CDS Exon 2 of transcript AGAP000352-PA
JHU_Ag_41321	MGIKASTANGGQQSPR	AGAP000354-PB	M1(Oxidation), N-Term(Acetyl), N9(Deamidated), Q12(Deamidated)	31	0.008087664	2	1662.757	-11.05	Head	X:+:6313659-6313706	exon=> In CDS Exon 1 of transcript AGAP000354-PB
JHU_Ag_15268	GYGGSGGGGGGGPPGGGPR	AGAP000358-PA	-	101	6.85E-10	1	1457.652	-0.13	Head	X:+:6355016-6355072	exon=> In CDS Exon 3 of transcript AGAP000358-PA
JHU_Ag_6847	FYQCVDGFPYLNR	AGAP000359-PA	C4(Carbamidomethyl)	83	6.11E-08	2	1678.771	1.57	Pupa	X:-:6367918-6368050,6363280-6363362	exon=> In CDS Exon 2 and 1 of transcript AGAP000359-PA
JHU_Ag_21018	APFLKPGR	AGAP000359-PA	-	42	0.000371902	1	885.530	-0.6	Pupa	X:-:6359118-6359095	exon=> In CDS Exon 5 of transcript AGAP000359-PA
JHU_Ag_48260	KCNPAECELPYCYCNK	AGAP000359-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	51	2.15E-05	1	2105.856	0.67	Pupa	X:-:6363028-6362981	exon=> In CDS Exon 3 of transcript AGAP000359-PA
JHU_Ag_63174	DNYIDQSEGGGASAGR	AGAP000359-PA	-	104	2.43E-10	2	1596.690	0.91	Head	X:-:6358347-6358300	exon=> In CDS Exon 6 of transcript AGAP000359-PA
JHU_Ag_79245	YMETCFDCPAVYPWLGDSHGSGIPGR	AGAP000359-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	35	0.001811099	1	2972.278	-0.67	Pupa	X:-:6358425-6358348	exon=> In CDS Exon 6 of transcript AGAP000359-PA
JHU_Ag_82064	DNYIDQSEGGGASAGR	AGAP000359-PA	-	77	1.32E-07	2	1596.688	-0.32	Pupa	X:-:6358347-6358300	exon=> In CDS Exon 6 of transcript AGAP000359-PA
JHU_Ag_83362	APYMMPFHTNWFQIK	AGAP000359-PA	M4(Oxidation), M5(Oxidation)	35	0.004466988	1	1942.910	6.08	Larva	X:-:6358785-6358741	exon=> In CDS Exon 5 of transcript AGAP000359-PA
JHU_Ag_93185	STQTPKPCNISNK	AGAP000359-PA	C8(Carbamidomethyl)	46	0.000418652	2	1474.730	-1.44	Pupa	X:-:6358512-6358474	exon=> In CDS Exon 6 of transcript AGAP000359-PA
JHU_Ag_105678	QLGGYEPWNCK	AGAP000359-PA	C10(Carbamidomethyl)	62	7.17E-06	2	1351.611	0.75	Pupa	X:-:6358551-6358519	exon=> In CDS Exon 6 of transcript AGAP000359-PA
JHU_Ag_22064	VLDASANQLER	AGAP000360-PA	-	40	0.001507765	2	1215.623	-7.72	Visceras	X:+:6491804-6491836	exon=> In CDS Exon 3 of transcript AGAP000360-PA
JHU_Ag_82550	VLDASANQLER	AGAP000360-PA	-	42	0.000855724	1	1215.623	-7.93	Malpighian tubule	X:+:6491804-6491836	exon=> In CDS Exon 3 of transcript AGAP000360-PA
JHU_Ag_111646	VLDASANQLER	AGAP000360-PA	-	49	0.000172625	2	1215.622	-9.23	Male reproductive organs	X:+:6491804-6491836	exon=> In CDS Exon 3 of transcript AGAP000360-PA
JHU_Ag_11586	ILGTVDTLQESLIEVTSGQAK	AGAP000363-PA	-	108	8.52E-11	2	2202.198	5.26	Head	X:-:6751108-6751046	exon=> In CDS Exon 5 of transcript AGAP000363-PA
JHU_Ag_33287	VGIEHTTGESLNPYLAATTVTK	AGAP000363-PA	-	85	3.03E-08	1	2302.202	4.11	Head	X:-:6750693-6750628	exon=> In CDS Exon 6 of transcript AGAP000363-PA
JHU_Ag_36502	LVYQGDSPVLQLLNAATDK	AGAP000363-PA	-	80	8.60E-08	1	2045.097	2.95	Head	X:-:6752598-6752542	exon=> In CDS Exon 3 of transcript AGAP000363-PA
JHU_Ag_41720	SDEAEPIPVSLPDKPQLER	AGAP000363-PA	-	40	0.00130682	1	2120.090	1.42	Head	X:-:6752917-6753109,6752028-6752770	exon=> In CDS Exon 3 and 2 of transcript AGAP000363-PA
JHU_Ag_47773	EGQGAYTTHQLVCR	AGAP000363-PA	C13(Carbamidomethyl)	117	3.16E-11	1	1619.762	1.31	Head	X:-:6750994-6750953	exon=> In CDS Exon 5 of transcript AGAP000363-PA
JHU_Ag_48620	LGLPVEHAPQISQLFK	AGAP000363-PA	-	99	4.23E-10	1	1777.005	2.41	Head	X:-:6752292-6752245	exon=> In CDS Exon 3 of transcript AGAP000363-PA
JHU_Ag_65781	SPQTASIYSGDSSPR	AGAP000363-PA	-	77	2.72E-07	2	1552.727	1.78	Head	X:-:6752980-6752936	exon=> In CDS Exon 2 of transcript AGAP000363-PA
JHU_Ag_67746	SVSVQDSESDEPPEKYVR	AGAP000363-PA	-	59	1.64E-05	1	2050.956	0	Head	X:-:6750850-6750797	exon=> In CDS Exon 5 of transcript AGAP000363-PA

JHU_Ag_77631	LSQFAAYAIQGDYQGVK	AGAP000363-PA	-	111	1.35E-10	1	1858.939	2.73	Head	X:-:6752367-6752317	exon=> In CDS Exon 3 of transcript AGAP000363-PA
JHU_Ag_80072	APVEMELDGVAAGADSDYDR	AGAP000363-PA	M5(Oxidation)	124	2.28E-12	1	2096.906	-0.85	Head	X:-:6755473-6755414	exon=> In CDS Exon 1 of transcript AGAP000363-PA
JHU_Ag_81052	SVSVQDSESDEPPEK	AGAP000363-PA	-	87	2.02E-08	2	1632.723	-0.17	Head	X:-:6750850-6750806	exon=> In CDS Exon 5 of transcript AGAP000363-PA
JHU_Ag_81813	HDIIPVVTEEWIR	AGAP000363-PA	-	90	9.85E-09	1	1606.861	1.12	Head	X:-:6751591-6751553	exon=> In CDS Exon 4 of transcript AGAP000363-PA
JHU_Ag_86310	QSGGGAGDFGGLATTGGGAGGGAR	AGAP000363-PA	-	145	3.77E-14	2	1935.888	-1.55	Head	X:-:6755062-6754991	exon=> In CDS Exon 1 of transcript AGAP000363-PA
JHU_Ag_91913	EGVETHYSALALAPPPK	AGAP000363-PA	-	58	1.91E-05	1	1779.934	3.57	Head	X:-:6753031-6752981	exon=> In CDS Exon 2 of transcript AGAP000363-PA
JHU_Ag_102246	GGPPRPHKPVPPRPIPPSTATQQLISSIADQLDQTSTNLLQK	AGAP000363-PA	-	184	3.95E-19	1	4481.460	7.49	Head	X:-:6756481-6756356	exon=> In CDS Exon 1 of transcript AGAP000363-PA
JHU_Ag_104075	LEGVEFHSCVQQDEYER	AGAP000363-PA	C9(Carbamidomethyl)	72	5.57E-07	1	2124.930	0.37	Head	X:-:6751552-6751502	exon=> In CDS Exon 4 of transcript AGAP000363-PA
JHU_Ag_5155	FAALTSGIDSVLK	AGAP000364-PA	-	51	4.92E-05	1	1321.737	0.36	Head	X:-:6759357-6759319	exon=> In CDS Exon 1 of transcript AGAP000364-PA
JHU_Ag_51227	ANSAEEQHTAEEEHR	AGAP000364-PA	N2(Deamidated)	54	1.67E-05	1	1738.727	0.61	Head	X:-:6757855-6757811	exon=> In CDS Exon 2 of transcript AGAP000364-PA
JHU_Ag_64720	LLESELIDQH	AGAP000364-PA	-	85	3.68E-08	2	1196.617	1.1	Head	X:-:6757045-6757016	exon=> In CDS Exon 2 of transcript AGAP000364-PA
JHU_Ag_65086	ANSAEEQHTAEEEHRTEEDFQSLAQR	AGAP000364-PA	N2(Deamidated)	154	2.43E-15	1	3043.322	-1.36	Head	X:-:6757855-6757778	exon=> In CDS Exon 2 of transcript AGAP000364-PA
JHU_Ag_70699	LVSIGSAVEVLTGR	AGAP000364-PA	-	80	4.59E-08	2	1400.815	2.71	Head	X:-:6758916-6758875	exon=> In CDS Exon 1 of transcript AGAP000364-PA
JHU_Ag_91715	DQELFTEEELEQYR	AGAP000364-PA	-	107	2.17E-10	2	1828.830	3.68	Head	X:-:6759576-6759535	exon=> In CDS Exon 1 of transcript AGAP000364-PA
JHU_Ag_97143	ILPATAVEDDEFDPR	AGAP000364-PA	-	74	5.63E-07	2	1687.821	2.09	Head	X:-:6758287-6758243	exon=> In CDS Exon 2 of transcript AGAP000364-PA
JHU_Ag_901	NVVDLESGEVIGPAVRPSWR	AGAP000365-PA	-	118	1.40E-11	1	2180.144	-0.75	Midgut	X:-:6767539-6767480	exon=> In CDS Exon 2 of transcript AGAP000365-PA
JHU_Ag_19982	AAAQFVSHCGALSGR	AGAP000365-PA	C9(Carbamidomethyl)	86	4.22E-08	1	1531.747	2.6	Midgut	X:-:6767419-6767375	exon=> In CDS Exon 2 of transcript AGAP000365-PA
JHU_Ag_52397	FMPPGSYIDAQAFR	AGAP000365-PA	M2(Oxidation)	80	1.22E-07	1	1615.754	-2.07	Midgut	X:-:6767054-6767013	exon=> In CDS Exon 3 of transcript AGAP000365-PA
JHU_Ag_63046	QHYALGDTNQYCDLCQR	AGAP000365-PA	C12(Carbamidomethyl), C15(Carbamidomethyl)	106	1.52E-10	1	2141.913	0.09	Midgut	X:-:6766934-6766884	exon=> In CDS Exon 3 of transcript AGAP000365-PA
JHU_Ag_71736	SPHQLYVAALMESPAHTK	AGAP000365-PA	M11(Oxidation)	61	1.20E-05	1	1995.996	0.34	Midgut	X:-:6767674-6767621	exon=> In CDS Exon 2 of transcript AGAP000365-PA
JHU_Ag_83598	TATELVEHLR	AGAP000365-PA	-	61	6.31E-06	2	1168.633	1.06	Midgut	X:-:6767012-6766983	exon=> In CDS Exon 3 of transcript AGAP000365-PA
JHU_Ag_89400	YLMDNPAEYVR	AGAP000365-PA	M3(Oxidation)	74	3.70E-07	1	1386.636	-0.24	Midgut	X:-:6766982-6766950	exon=> In CDS Exon 3 of transcript AGAP000365-PA
JHU_Ag_91761	AWWYDDACTAR	AGAP000365-PA	C8(Carbamidomethyl)	50	3.24E-05	2	1414.583	-0.77	Midgut	X:-:6766832-6766800	exon=> In CDS Exon 3 of transcript AGAP000365-PA
JHU_Ag_117295	LDSDVLFNYR	AGAP000365-PA	-	88	2.07E-08	2	1241.615	-1.07	Midgut	X:-:6767569-6767540	exon=> In CDS Exon 2 of transcript AGAP000365-PA
JHU_Ag_1000	EYALGNDFAGLTIK	AGAP000367-PA	-	64	5.10E-06	2	1511.781	4.28	Head	X:-:6773942-6773901	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_2715	QAGGTVLTPLISLDTPGKATVR	AGAP000367-PA	-	54	1.08E-05	1	2195.248	3.84	Malpighian tubule	X:-:6773498-6773433	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_3453	QAGGTVLTPLISLDTPGK	AGAP000367-PA	-	83	2.44E-08	2	1767.988	1.5	Head	X:-:6773498-6773445	exon=> In CDS Exon 3 of transcript AGAP000367-PA

JHU_Ag_7277	HEEFTQGCDAACNGPYDNR	AGAP000367-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)	134	3.53E-14	1	2240.860	-5.43	Head	X:-:6774157-6774166,6773292-6774021	exon=> In CDS Exon 3 and 2 of transcript AGAP000367-PA
JHU_Ag_7775	LALSYDQGK	AGAP000367-PA	-	55	3.73E-05	1	994.522	1.98	Midgut	X:-:6773645-6773619	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_9066	HGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	65	4.57E-06	1	2497.203	1.32	Head	X:-:6773870-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_13101	HGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	103	8.13E-10	2	2497.204	1.67	Midgut	X:-:6773870-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_13284	IAFAVPHATQPHIDELIR	AGAP000367-PA	-	69	1.01E-06	1	2028.101	-0.63	Salivary gland	X:-:6773552-6773499	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_13979	ALHYVFK	AGAP000367-PA	-	36	0.002008232	1	877.493	0.31	Head	X:-:6774316-6774296	exon=> In CDS Exon 1 of transcript AGAP000367-PA
JHU_Ag_15952	VLVVPEEVPAGADPVQR	AGAP000367-PA	Q16(Deamidated)	105	2.58E-10	1	1774.966	-2.33	Midgut	X:-:6773798-6773748	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_17275	FVLELR	AGAP000367-PA	-	32	0.00253106	1	776.469	3.61	Malpighian tubule	X:-:6773618-6773601	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_17823	QAGGTVLTPLISLDTPGK	AGAP000367-PA	-	85	1.62E-08	2	1767.989	2.4	Visceras	X:-:6773498-6773445	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_18198	VALHVTELAR	AGAP000367-PA	-	52	2.91E-05	1	1108.648	0.23	Head	X:-:6773747-6773718	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_19193	IAFAVPHATQPHIDELIR	AGAP000367-PA	-	106	1.85E-10	1	2028.103	0.31	Visceras	X:-:6773552-6773499	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_21573	VALHVTELAR	AGAP000367-PA	-	80	3.80E-08	1	1108.647	0	Ovary	X:-:6773747-6773718	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_23195	RHGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	100	1.34E-09	1	2653.316	5.64	Ovary	X:-:6773873-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_23289	EYALGNDFAGLTIK	AGAP000367-PA	-	62	9.10E-06	1	1511.780	4.19	Salivary gland	X:-:6773942-6773901	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_26718	HGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	70	1.67E-06	2	2497.218	7.34	Ovary	X:-:6773870-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_28522	FVLELR	AGAP000367-PA	-	39	0.000450093	2	776.467	0.47	Male reproductive organs	X:-:6773618-6773601	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_28954	VLVVPEEVPAGADPVQR	AGAP000367-PA	-	93	3.12E-09	1	1774.973	1.59	Malpighian tubule	X:-:6773798-6773748	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_30828	HGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	105	5.38E-10	2	2497.203	1.27	Malpighian tubule	X:-:6773870-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_31338	VALHVTELAR	AGAP000367-PA	-	81	3.44E-08	1	1108.649	1.56	Malpighian tubule	X:-:6773747-6773718	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_34794	AKNIQFFR	AGAP000367-PA	-	36	0.001880561	1	1023.573	-0.77	Malpighian tubule	X:-:6774283-6774260	exon=> In CDS Exon 1 of transcript AGAP000367-PA
JHU_Ag_34885	IAFAVPHATQPHIDELIR	AGAP000367-PA	-	73	3.63E-07	1	2028.099	-1.77	Ovary	X:-:6773552-6773499	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_35760	DPFQEQ	AGAP000367-PA	-	37	0.000771964	1	763.326	-0.32	Midgut	X:-:6773312-6773295	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_45156	ALHYVFK	AGAP000367-PA	-	42	0.000555666	1	877.492	-0.87	Midgut	X:-:6774316-6774296	exon=> In CDS Exon 1 of transcript AGAP000367-PA
JHU_Ag_45903	QAGGTVLTPLISLDTPGK	AGAP000367-PA	-	41	0.000431809	1	1767.985	-0.08	Ovary	X:-:6773498-6773445	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_48992	LALSYDQGK	AGAP000367-PA	-	40	0.001140239	2	994.523	2.77	Malpighian tubule	X:-:6773645-6773619	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_50802	HEEFTQGCDAACNGPYDNRWSK	AGAP000367-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)	94	8.46E-10	1	2642.083	1.8	Malpighian tubule	X:-:6774157-6774166,6773292-6774012	exon=> In CDS Exon 3 and 2 of transcript AGAP000367-PA
JHU_Ag_53047	LALSYDQGK	AGAP000367-PA	-	38	0.002061059	2	994.520	-0.11	Visceras	X:-:6773645-6773619	exon=> In CDS Exon 3 of transcript AGAP000367-PA

JHU_Ag_56264	QLAAGTPLDR	AGAP000367-PA	-	35	0.002253272	2	1041.568	-1.19	Ovary	X:-:6773600-6773571	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_58070	FVLELR	AGAP000367-PA	-	42	0.000157389	2	776.466	-1.02	Midgut	X:-:6773618-6773601	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_59504	LALSYDQGK	AGAP000367-PA	-	59	1.59E-05	1	994.522	1.25	Head	X:-:6773645-6773619	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_60112	RHGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	105	4.89E-10	1	2653.314	4.95	Midgut	X:-:6773873-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_69037	IAFAVPHATQPHIDELIR	AGAP000367-PA	-	120	8.04E-12	1	2028.104	0.65	Midgut	X:-:6773552-6773499	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_69428	VLVVPEEVPAGADPVQR	AGAP000367-PA	-	71	5.45E-07	1	1774.969	-0.27	Head	X:-:6773798-6773748	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_70679	VALHVTELAR	AGAP000367-PA	-	54	1.79E-05	1	1108.651	3.32	Visceras	X:-:6773747-6773718	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_72685	ALHYVFK	AGAP000367-PA	-	47	0.000129645	1	877.494	1.62	Salivary gland	X:-:6774316-6774296	exon=> In CDS Exon 1 of transcript AGAP000367-PA
JHU_Ag_78104	HGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	66	3.74E-06	1	2497.203	1.32	Visceras	X:-:6773870-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_82816	VALHVTELAR	AGAP000367-PA	-	42	0.000267454	2	1108.648	0.34	Male reproductive organs	X:-:6773747-6773718	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_83033	QLAAGTPLDR	AGAP000367-PA	-	44	0.000302432	1	1041.568	-0.3	Midgut	X:-:6773600-6773571	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_86229	VALHVTELAR	AGAP000367-PA	-	67	9.36E-07	1	1108.647	-0.66	Midgut	X:-:6773747-6773718	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_88095	IAFAVPHATQPHIDELIR	AGAP000367-PA	-	119	8.57E-12	1	2028.106	1.85	Head	X:-:6773552-6773499	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_89683	SRDILDR	AGAP000367-PA	-	36	0.006234228	1	874.474	-0.75	Head	X:-:6773900-6773880	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_89861	IAFAVPHATQPHIDELIR	AGAP000367-PA	-	106	1.73E-10	1	2028.108	2.75	Malpighian tubule	X:-:6773552-6773499	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_89934	VLVVPEEVPAGADPVQR	AGAP000367-PA	-	51	4.77E-05	1	1774.973	1.59	Visceras	X:-:6773798-6773748	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_95391	EYALGNDFAGLTIK	AGAP000367-PA	N6(Deamidated)	98	2.11E-09	1	1511.774	0.24	Midgut	X:-:6773942-6773901	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_95700	RHGYPVAEEGAPGEPSVLLSPDGYR	AGAP000367-PA	-	141	1.12E-13	1	2653.308	2.74	Malpighian tubule	X:-:6773873-6773799	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_96933	QAGGTVLTPLISLDTPGK	AGAP000367-PA	-	97	1.08E-09	2	1767.981	-2.29	Midgut	X:-:6773498-6773445	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_98310	VLVVPEEVPAGADPVQR	AGAP000367-PA	-	74	2.71E-07	2	1774.973	1.73	Salivary gland	X:-:6773798-6773748	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_99021	NIQFFREILGMK	AGAP000367-PA	-	57	1.48E-05	1	1495.816	4.37	Malpighian tubule	X:-:6774277-6774242	exon=> In CDS Exon 1 of transcript AGAP000367-PA
JHU_Ag_103144	FVLELR	AGAP000367-PA	-	30	0.00358346	1	776.466	-0.4	Ovary	X:-:6773618-6773601	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_108906	EYALGNDFAGLTIK	AGAP000367-PA	-	66	3.52E-06	1	1511.776	1.45	Visceras	X:-:6773942-6773901	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_110460	FVLELR	AGAP000367-PA	-	32	0.002389475	2	776.468	1.49	Salivary gland	X:-:6773618-6773601	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_112169	EYALGNDFAGLTIK	AGAP000367-PA	-	83	6.12E-08	1	1511.780	4.19	Malpighian tubule	X:-:6773942-6773901	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_112244	TMIGYGPEASHFVIELTYNYGVR	AGAP000367-PA	M2(Oxidation)	100	1.37E-09	1	2633.273	1.03	Midgut	X:-:6774011-6773943	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_115199	HEEFTQGCDAACNGPYDNR	AGAP000367-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)	98	1.98E-10	1	2240.871	-0.46	Midgut	X:-:6774157-6774166,6773292-6774021	exon=> In CDS Exon 3 and 2 of transcript AGAP000367-PA

JHU_Ag_115533	VLVVPEEVPAGADPVQR	AGAP000367-PA	-	93	3.97E-09	1	1774.971	0.63	Ovary	X:-:6773798-6773748	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_116667	QAGGTVLTPLISLDTPGK	AGAP000367-PA	-	89	5.93E-09	2	1767.991	3.3	Malpighian tubule	X:-:6773498-6773445	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_116700	QLAAGTPLDR	AGAP000367-PA	-	39	0.000954173	2	1041.569	-0.25	Visceras	X:-:6773600-6773571	exon=> In CDS Exon 3 of transcript AGAP000367-PA
JHU_Ag_73886	GGPIAQR	AGAP000368-PA	Q6(Deamidated)	30	0.007714939	1	699.382	4.46	Head	X:+:6798863-6798883	exon=> In CDS Exon 4 of transcript AGAP000368-PA
JHU_Ag_105698	IESIVK	AGAP000368-PA	-	43	0.00039649	1	688.429	7.02	Male reproductive organs	X:+:6782633-6782650	exon=> In CDS Exon 2 of transcript AGAP000368-PA
JHU_Ag_14032	QGLAPEQQEPR	AGAP000374-PA	Q1(Deamidated), Q7(Deamidated)	34	0.004030731	1	1254.580	-12.66	Midgut	X:-:6859468-6859436	exon=> In CDS Exon 2 of transcript AGAP000374-PA
JHU_Ag_353	TLVVNNDSPAGLIDISDDVVQR	AGAP000375-PA	-	186	3.08E-18	1	2340.207	1.31	Ovary	X:+:6864523-6864588	exon=> In CDS Exon 1 of transcript AGAP000375-PA
JHU_Ag_1966	TLVVNNDSPAGLIDISDDVVQR	AGAP000375-PA	-	88	1.94E-08	2	2340.202	-1.09	Salivary gland	X:+:6864523-6864588	exon=> In CDS Exon 1 of transcript AGAP000375-PA
JHU_Ag_9428	TLVVNNDSPAGLIDISDDVVQR	AGAP000375-PA	-	38	0.001915843	1	2340.206	0.65	Male reproductive organs	X:+:6864523-6864588	exon=> In CDS Exon 1 of transcript AGAP000375-PA
JHU_Ag_10453	CAEEVQQFTDCVNLHR	AGAP000375-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	113	3.88E-11	1	2005.881	-2.44	Midgut	X:+:6865450-6865497	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_13341	CAEEVQQFTDCVNLHR	AGAP000375-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	97	1.91E-09	1	2005.887	0.84	Visceras	X:+:6865450-6865497	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_17111	FATTAVQQQLPPCQDLK	AGAP000375-PA	C13(Carbamidomethyl)	65	3.86E-06	1	1944.994	4.74	Head	X:+:6865351-6865401	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_19500	ENDVYWTQR	AGAP000375-PA	-	57	2.02E-05	2	1210.549	0.09	Head	X:+:6865161-6865187	exon=> In CDS Exon 2 of transcript AGAP000375-PA
JHU_Ag_30696	ALEANLAK	AGAP000375-PA	-	37	0.003470018	1	829.479	0.8	Malpighian tubule	X:+:6865194-6865217	exon=> In CDS Exon 2 of transcript AGAP000375-PA
JHU_Ag_34103	TLVVNNDSPAGLIDISDDVVQR	AGAP000375-PA	-	122	7.04E-12	2	2340.214	4.33	Malpighian tubule	X:+:6864523-6864588	exon=> In CDS Exon 1 of transcript AGAP000375-PA
JHU_Ag_37969	VIACYRQNPNETLR	AGAP000375-PA	C4(Carbamidomethyl)	54	6.62E-05	1	1733.881	3.07	Malpighian tubule	X:+:6865408-6865449	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_46662	ALEANLAK	AGAP000375-PA	-	51	0.000130416	2	829.478	0.06	Visceras	X:+:6865194-6865217	exon=> In CDS Exon 2 of transcript AGAP000375-PA
JHU_Ag_46860	FATTAVQQQLPPCQDLK	AGAP000375-PA	C13(Carbamidomethyl)	40	0.001373969	2	1944.983	-0.79	Male reproductive organs	X:+:6865351-6865401	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_54268	TNQVLEK	AGAP000375-PA	-	44	0.000696445	2	831.455	-2.07	Head	X:+:6865218-6865238	exon=> In CDS Exon 2 of transcript AGAP000375-PA
JHU_Ag_55390	FATTAVQQQLPPCQDLK	AGAP000375-PA	C13(Carbamidomethyl)	100	1.47E-09	1	1944.981	-1.92	Midgut	X:+:6865351-6865401	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_56652	ENDVYWTQR	AGAP000375-PA	-	42	0.000629513	1	1210.551	1.57	Visceras	X:+:6865161-6865187	exon=> In CDS Exon 2 of transcript AGAP000375-PA
JHU_Ag_57656	FATTAVQQQLPPCQDLK	AGAP000375-PA	C13(Carbamidomethyl)	55	4.11E-05	2	1944.996	5.87	Malpighian tubule	X:+:6865351-6865401	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_65073	LKALEANLAK	AGAP000375-PA	-	54	2.31E-05	1	1070.658	0.71	Malpighian tubule	X:+:6865188-6865217	exon=> In CDS Exon 2 of transcript AGAP000375-PA
JHU_Ag_71641	TNQVLEKEYSDAVADVK	AGAP000375-PA	-	50	0.000154672	1	1908.957	0.99	Salivary gland	X:+:6865218-6865253,6865330-6865344	exon=> In CDS Exon 2 and 3 of transcript AGAP000375-PA
JHU_Ag_83284	TLVVNNDSPAGLIDISDDVVQR	AGAP000375-PA	N5(Deamidated),N6(Deamidated)	138	1.77E-13	2	2340.209	1.93	Head	X:+:6864523-6864588	exon=> In CDS Exon 1 of transcript AGAP000375-PA
JHU_Ag_88992	FATTAVQQQLPPCQDLK	AGAP000375-PA	C13(Carbamidomethyl)	72	1.02E-06	1	1944.985	-0.1	Visceras	X:+:6865351-6865401	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_90254	ELRENDVYWTQR	AGAP000375-PA	-	67	2.61E-06	1	1608.778	1.21	Male reproductive organs	X:+:6865152-6865187	exon=> In CDS Exon 2 of transcript AGAP000375-PA

JHU_Ag_97859	FATTAVQQQLPPCQDLKAK	AGAP000375-PA	C13(Carbamidomethyl)	68	1.73E-06	1	2144.120	1.41	Malpighian tubule	X:+:6865351-6865407	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_98539	IQLLQQR	AGAP000375-PA	-	32	0.002219693	1	898.548	0.96	Malpighian tubule	X:+:6865498-6865518	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_104176	CAEEVQQFTDCVNLHR	AGAP000375-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	68	1.45E-06	1	2005.894	4.26	Malpighian tubule	X:+:6865450-6865497	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_104400	TLVVNNDSPAGLIDISDDVVQR	AGAP000375-PA	N5(Deamidated)	138	1.72E-13	1	2340.207	1.35	Visceras	X:+:6864523-6864588	exon=> In CDS Exon 1 of transcript AGAP000375-PA
JHU_Ag_105217	TNQVLEKEYSDAVADVK	AGAP000375-PA	-	71	1.14E-06	1	1908.960	2.37	Male reproductive organs	X:+:6865218-6865253,6865330-6865344	exon=> In CDS Exon 2 and 3 of transcript AGAP000375-PA
JHU_Ag_106710	TNQVLEKEYSDAVADVK	AGAP000375-PA	-	104	6.13E-10	2	1908.960	2.69	Malpighian tubule	X:+:6865218-6865253,6865330-6865344	exon=> In CDS Exon 2 and 3 of transcript AGAP000375-PA
JHU_Ag_107004	EYSDAVADVK	AGAP000375-PA	-	54	4.70E-05	1	1096.516	0.01	Visceras	X:+:6865239-6865253,6865330-6865344	exon=> In CDS Exon 2 and 3 of transcript AGAP000375-PA
JHU_Ag_115399	IQLLQQR	AGAP000375-PA	-	49	4.09E-05	2	898.547	0.22	Visceras	X:+:6865498-6865518	exon=> In CDS Exon 3 of transcript AGAP000375-PA
JHU_Ag_115574	GPSSYPNPLPPPSVVYQGELPLTSMQVLQEK	AGAP000375-PA	-	52	4.99E-05	1	3352.737	7.12	Visceras	X:+:6865053-6865145	exon=> In CDS Exon 2 of transcript AGAP000375-PA
JHU_Ag_115902	TLVVNNDSPAGLIDISDDVVQRLK	AGAP000375-PA	-	65	1.41E-06	1	2581.400	6.54	Malpighian tubule	X:+:6864523-6864594	exon=> In CDS Exon 1 of transcript AGAP000375-PA
JHU_Ag_793	EQVFRLFGPFR	AGAP000376-PA	-	35	0.002680043	1	1395.759	4.34	Malpighian tubule	X:+:6872724-6872756	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_2376	ANYAEVIER	AGAP000376-PA	-	57	3.68E-05	2	1064.537	-0.56	Ovary	X:+:6870997-6871023	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_2416	VLVCDDFTFQPLANVAMCHLR	AGAP000376-PA	C4(Carbamidomethyl), M17(Oxidation), C18(Carbamidomethyl)	126	3.28E-12	1	2522.209	3.8	Head	X:+:6872535-6872597	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_4583	GPAAAIYVR	AGAP000376-PA	-	47	0.00020366	2	917.521	0.8	Head	X:+:6872613-6872639	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_4647	YGNVLR	AGAP000376-PA	-	52	8.53E-05	2	721.401	2.09	Malpighian tubule	X:+:6871033-6871050	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_6128	IVNSNALPQGEAADQK	AGAP000376-PA	-	110	1.28E-10	1	1654.843	1.82	Head	X:+:6872487-6872534	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_6729	LRSGEQQLDLIFHHYAVALSAAK	AGAP000376-PA	-	66	1.31E-06	1	2567.383	3.98	Malpighian tubule	X:+:6872757-6872825	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_7051	SVDASAPEAAGAPIR	AGAP000376-PA	-	80	1.35E-07	2	1411.715	-1.62	Pupa	X:+:6872442-6872486	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_8955	LPQGDGTLSPVER	AGAP000376-PA	-	92	8.26E-09	1	1368.714	1.69	Head	X:+:6870364-6870402	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_10875	YGNVLR	AGAP000376-PA	-	39	0.001463625	2	721.399	0.4	Ovary	X:+:6871033-6871050	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_12848	LTAAAGVPVGCVGGIDRLDCLR	AGAP000376-PA	C11(Carbamidomethyl), C20(Carbamidomethyl)	45	0.000363432	1	2270.187	5.49	Head	X:+:6870016-6870081	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_12919	QVDEAVKDSVVHAFTALSDTFGHGQAR	AGAP000376-PA	-	185	4.77E-18	1	2885.422	1.46	Visceras	X:+:6872643-6872723	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_16739	DIRPALSCVLK	AGAP000376-PA	C8(Carbamidomethyl)	39	0.001626769	1	1271.714	-0.46	Visceras	X:+:6871117-6871149	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_17581	RQVDEAVK	AGAP000376-PA	-	35	0.005218123	2	944.512	-4.18	Head	X:+:6872640-6872663	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_17908	ANYAEVIEREGR	AGAP000376-PA	-	68	2.96E-06	1	1406.707	3.2	Malpighian tubule	X:+:6870997-6871032	exon=> In CDS Exon 1 of transcript AGAP000376-PA

JHU_Ag_18112	LPQGDGTLSPVER	AGAP000376-PA	-	92	7.50E-09	1	1368.712	0.27	Ovary	X:+:6870364-6870402	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_18749	ELAGLSELFSASCLPGSYSSDGGFDR	AGAP000376-PA	C13(Carbamidomethyl)	78	2.41E-07	2	2722.247	6.21	Head	X:+:6870403-6870480	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_19959	QVDEAVKDSVVHAFTALSDTFGHGQAR	AGAP000376-PA	-	153	6.56E-15	1	2885.441	7.98	Malpighian tubule	X:+:6872643-6872723	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_22048	GPAAAIYVR	AGAP000376-PA	-	37	0.003834818	2	917.518	-2.46	Pupa	X:+:6872613-6872639	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_23236	IVNSNALPQGEAADQK	AGAP000376-PA	-	67	3.07E-06	2	1654.842	1.37	Ovary	X:+:6872487-6872534	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_24590	YAGYEGAIR	AGAP000376-PA	-	60	9.51E-06	2	999.490	0.34	Ovary	X:+:6870553-6870579	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_25070	IVNSNALPQGEAADQKVLVCDDFTFQPLANVAMCHLR	AGAP000376-PA	C20(Carbamidomethyl), M33(Oxidation), C34(Carbamidomethyl),"C20(Carbamidomethyl), C34(Carbamidomethyl)"	122	6.70E-12	1	4142.037	2.64	Malpighian tubule	X:+:6872487-6872597	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_25512	LCVVSEPER	AGAP000376-PA	C2(Carbamidomethyl)	66	3.35E-06	1	1088.540	-0.52	Ovary	X:+:6871051-6871077	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_31122	SNDERGPAAAIYVR	AGAP000376-PA	-	43	0.000844571	1	1518.766	-0.14	Head	X:+:6872598-6872639	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_31291	LCVVSEPER	AGAP000376-PA	C2(Carbamidomethyl)	57	3.45E-05	1	1088.544	2.85	Malpighian tubule	X:+:6871051-6871077	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_31374	DDRYAGYEGAIR	AGAP000376-PA	-	39	0.001358906	1	1385.648	2.31	Malpighian tubule	X:+:6870544-6870579	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_31810	NVGYKIPVTR	AGAP000376-PA	-	52	3.72E-05	1	1146.664	0.85	Head	X:+:6870310-6870339	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_32059	LTAAAGVPVGCVGGIDR	AGAP000376-PA	C11(Carbamidomethyl)	38	0.001657517	1	1612.850	1.47	Pupa	X:+:6870016-6870066	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_32183	SCHTGFGR	AGAP000376-PA	C2(Carbamidomethyl)	41	0.000564365	1	921.398	-1.2	Head	X:+:6870286-6870309	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_33566	TAEEPTAQFR	AGAP000376-PA	-	39	0.002079678	2	1149.554	0.2	Head	X:+:6870187-6870216	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_33912	SNDERGPAAAIYVR	AGAP000376-PA	-	67	3.51E-06	1	1518.768	1.32	Malpighian tubule	X:+:6872598-6872639	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_35332	SVDASAPEAAGAPIR	AGAP000376-PA	-	128	2.21E-12	1	1411.720	1.58	Head	X:+:6872442-6872486	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_35660	VLVCDDFTFQPLANVAMCHLR	AGAP000376-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	70	1.46E-06	1	2506.217	5.25	Malpighian tubule	X:+:6872535-6872597	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_35717	LTAAAGVPVGCVGGIDR	AGAP000376-PA	C11(Carbamidomethyl)	78	2.02E-07	1	1612.849	1.01	Visceras	X:+:6870016-6870066	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_35730	THEACVAAVR	AGAP000376-PA	C5(Carbamidomethyl)	66	2.20E-06	1	1113.549	2.23	Malpighian tubule	X:+:6871150-6871179	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_36429	LTAAAGVPVGCVGGIDR	AGAP000376-PA	C11(Carbamidomethyl)	107	2.37E-10	1	1612.853	3.59	Head	X:+:6870016-6870066	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_36518	LPQGDGTLSPVER	AGAP000376-PA	-	92	6.79E-09	1	1368.711	-0.36	Pupa	X:+:6870364-6870402	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_39045	YGNLCQR	AGAP000376-PA	C5(Carbamidomethyl)	42	0.000665062	2	910.423	3.6	Malpighian tubule	X:+:6870496-6870516	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_41531	GPAAAIYVR	AGAP000376-PA	-	52	7.38E-05	2	917.523	2.66	Malpighian tubule	X:+:6872613-6872639	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_43535	WCVPQELVDDCGR	AGAP000376-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	54	2.76E-05	1	1633.709	-0.71	Ovary	X:+:6869977-6870015	exon=> In CDS Exon 1 of transcript AGAP000376-PA

JHU_Ag_45635	CLVENGGDVAFSK	AGAP000376-PA	C1(Carbamidomethyl)	88	2.37E-08	2	1395.659	0.9	Head	X:+:6870580-6870618	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_46963	DIRPALSCVLK	AGAP000376-PA	C8(Carbamidomethyl)	54	3.15E-05	1	1271.716	1.56	Malpighian tubule	X:+:6871117-6871149	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_47176	DSVVHAFTALSDTFGHGQAR	AGAP000376-PA	-	97	2.98E-09	1	2116.034	6.43	Malpighian tubule	X:+:6872664-6872723	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_49211	SVDASAPEAAGAPIR	AGAP000376-PA	-	89	1.44E-08	1	1411.722	3.05	Malpighian tubule	X:+:6872442-6872486	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_53510	YAGYEGAIR	AGAP000376-PA	-	41	0.000738316	2	999.489	-0.15	Visceras	X:+:6870553-6870579	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_57522	THEACVAAVRDGTDADVVVLR	AGAP000376-PA	C5(Carbamidomethyl)	96	4.17E-09	1	2254.134	4.08	Malpighian tubule	X:+:6871150-6871212	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_62307	SCHTGFGR	AGAP000376-PA	C2(Carbamidomethyl)	45	0.000197807	1	921.401	1.91	Malpighian tubule	X:+:6870286-6870309	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_62654	LTAAAGVPVGCVGGIDRLDCLR	AGAP000376-PA	C11(Carbamidomethyl), C20(Carbamidomethyl)	50	0.000119946	1	2270.179	1.86	Ovary	X:+:6870016-6870081	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_63520	GPAAAIYVR	AGAP000376-PA	-	69	1.52E-06	1	917.521	0.4	Visceras	X:+:6872613-6872639	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_63747	LCVVSEPER	AGAP000376-PA	C2(Carbamidomethyl)	40	0.001549598	2	1088.538	-2.09	Pupa	X:+:6871051-6871077	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_66810	CLVENGGDVAFSK	AGAP000376-PA	C1(Carbamidomethyl)	66	3.50E-06	2	1395.662	3.17	Malpighian tubule	X:+:6870580-6870618	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_68478	GPAAAIYVR	AGAP000376-PA	-	41	0.000845094	2	917.520	-0.93	Ovary	X:+:6872613-6872639	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_68562	IVNSNALPQGEAADQK	AGAP000376-PA	-	105	3.80E-10	1	1654.840	0.05	Visceras	X:+:6872487-6872534	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_69744	IVNSNALPQGEAADQK	AGAP000376-PA	-	84	5.82E-08	2	1654.839	-0.18	Pupa	X:+:6872487-6872534	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_70813	YWTAPEQESDR	AGAP000376-PA	-	30	0.006661069	1	1381.605	2.15	Head	X:+:6870877-6870909	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_71973	ELAGLSELFSASCLPGSYSSDGGFDR	AGAP000376-PA	C13(Carbamidomethyl)	80	1.23E-07	1	2722.241	3.78	Visceras	X:+:6870403-6870480	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_72025	SVDASAPEAAGAPIR	AGAP000376-PA	-	36	0.003226089	2	1411.713	-3.18	Midgut	X:+:6872442-6872486	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_73677	LPQGDGTLSPVER	AGAP000376-PA	-	65	3.76E-06	1	1368.717	4.01	Larva	X:+:6870364-6870402	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_75536	DGTDADVVVLR	AGAP000376-PA	-	63	9.26E-06	2	1159.595	-0.02	Ovary	X:+:6871180-6871212	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_75783	NVGYKIPVTR	AGAP000376-PA	-	65	1.69E-06	1	1146.667	3.19	Malpighian tubule	X:+:6870310-6870339	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_80479	YAGYEGAIR	AGAP000376-PA	-	35	0.002589659	2	999.490	0.1	Head	X:+:6870553-6870579	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_80850	LTAAAGVPVGCVGGIDR	AGAP000376-PA	C11(Carbamidomethyl)	52	7.98E-05	2	1612.850	1.24	Ovary	X:+:6870016-6870066	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_81437	YWTAPEQESDRATAQR	AGAP000376-PA	-	56	3.36E-05	1	1908.890	3.35	Malpighian tubule	X:+:6870877-6870924	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_81595	IVNSNALPQGEAADQK	AGAP000376-PA	-	96	3.04E-09	1	1654.847	4.77	Malpighian tubule	X:+:6872487-6872534	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_82218	ANYAEVIER	AGAP000376-PA	-	69	1.98E-06	2	1064.539	1.85	Malpighian tubule	X:+:6870997-6871023	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_83425	WCVPQELVDDCGR	AGAP000376-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	54	3.19E-05	2	1633.715	3.25	Head	X:+:6869977-6870015	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_83593	LCVVSEPER	AGAP000376-PA	C2(Carbamidomethyl)	43	0.000731625	1	1088.541	0.61	Head	X:+:6871051-6871077	exon=> In CDS Exon 1 of transcript AGAP000376-PA

JHU_Ag_83862	DGTDADVVVLR	AGAP000376-PA	-	78	2.82E-07	1	1159.597	1.13	Head	X:+:6871180-6871212	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_84655	LCVVSEPER	AGAP000376-PA	C2(Carbamidomethyl)	41	0.001032436	1	1088.533	-6.91	Visceras	X:+:6871051-6871077	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_85370	LPQGDGTLSPVER	AGAP000376-PA	-	102	6.96E-10	1	1368.714	1.78	Malpighian tubule	X:+:6870364-6870402	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_86971	ANYAEVIER	AGAP000376-PA	-	60	1.94E-05	2	1064.537	-0.33	Pupa	X:+:6870997-6871023	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_88740	SGEQQLDLIFHHYAVALSAAK	AGAP000376-PA	-	63	4.86E-06	1	2298.193	2.38	Pupa	X:+:6872763-6872825	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_89075	DIRPALSCVLK	AGAP000376-PA	C8(Carbamidomethyl)	40	0.00081848	2	1271.716	1.31	Ovary	X:+:6871117-6871149	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_89901	VLVCDDFTFQPLANVAMCHLR	AGAP000376-PA	C4(Carbamidomethyl), M17(Oxidation), C18(Carbamidomethyl)	106	3.34E-10	1	2522.204	1.84	Visceras	X:+:6872535-6872597	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_90295	LPQGDGTLSPVER	AGAP000376-PA	-	84	5.07E-08	1	1368.712	0.09	Visceras	X:+:6870364-6870402	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_92310	YGNVLR	AGAP000376-PA	-	40	0.001374328	2	721.401	2.35	Head	X:+:6871033-6871050	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_92709	LQTGPVALDLADER	AGAP000376-PA	-	74	3.64E-07	2	1497.794	2.03	Ovary	X:+:6871303-6871319,6872369-6872393	exon=> In CDS Exon 1 and 2 of transcript AGAP000376-PA
JHU_Ag_93619	LQTGPVALDLADER	AGAP000376-PA	-	118	1.51E-11	1	1497.800	5.86	Head	X:+:6871303-6871319,6872369-6872393	exon=> In CDS Exon 1 and 2 of transcript AGAP000376-PA
JHU_Ag_94139	SGEQQLDLIFHHYAVALSAAK	AGAP000376-PA	-	145	3.29E-14	1	2298.192	1.85	Visceras	X:+:6872763-6872825	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_94300	THEACVAAVR	AGAP000376-PA	C5(Carbamidomethyl)	39	0.001090907	2	1113.547	0.04	Ovary	X:+:6871150-6871179	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_94820	SGEQQLDLIFHHYAVALSAAKR	AGAP000376-PA	-	114	3.08E-11	1	2454.299	4.3	Malpighian tubule	X:+:6872763-6872828	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_95848	DSVVHAFTALSDTFGHGQAR	AGAP000376-PA	-	190	1.45E-18	1	2116.024	1.58	Head	X:+:6872664-6872723	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_98842	SGEQQLDLIFHHYAVALSAAK	AGAP000376-PA	-	144	4.16E-14	1	2298.195	3.13	Head	X:+:6872763-6872825	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_99020	APNAQLEPLLWETFGDVMVAIADK	AGAP000376-PA	-	65	3.07E-06	2	2628.345	2.78	Visceras	X:+:6871213-6871284	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_99598	SVDASAPEAAGAPIR	AGAP000376-PA	-	90	1.43E-08	2	1411.718	0.45	Visceras	X:+:6872442-6872486	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_99704	THEACVAAVR	AGAP000376-PA	C5(Carbamidomethyl)	49	0.000126703	2	1113.547	-0.07	Pupa	X:+:6871150-6871179	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_100671	LTAAAGVPVGCVGGIDRLDCLR	AGAP000376-PA	C11(Carbamidomethyl), C20(Carbamidomethyl)	46	0.000251315	1	2270.185	4.6	Malpighian tubule	X:+:6870016-6870081	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_102162	SGEQQLDLIFHHYAVALSAAK	AGAP000376-PA	-	96	2.73E-09	1	2298.196	3.69	Ovary	X:+:6872763-6872825	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_102954	SGEQQLDLIFHHYAVALSAAK	AGAP000376-PA	-	165	3.39E-16	1	2298.198	4.5	Malpighian tubule	X:+:6872763-6872825	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_106287	ANYAEVIER	AGAP000376-PA	-	47	0.00032981	2	1064.538	0.82	Visceras	X:+:6870997-6871023	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_108016	DIRPALSCVLK	AGAP000376-PA	C8(Carbamidomethyl)	54	3.27E-05	1	1271.718	2.93	Head	X:+:6871117-6871149	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_108069	ANYAEVIEREGR	AGAP000376-PA	-	33	0.009481491	1	1406.684	-13.03	Head	X:+:6870997-6871032	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_108106	QVDEAVKDSVVHAFTALSDTFGHGQAR	AGAP000376-PA	-	197	2.59E-19	1	2885.431	4.68	Head	X:+:6872643-6872723	exon=> In CDS Exon 2 of transcript AGAP000376-PA

JHU_Ag_108536	DSVVHAFTALSDTFGHGQAR	AGAP000376-PA	-	132	8.79E-13	1	2116.030	4.53	Ovary	X:+:6872664-6872723	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_109594	SVDASAPEAAGAPIR	AGAP000376-PA	-	95	4.65E-09	2	1411.719	1.14	Ovary	X:+:6872442-6872486	exon=> In CDS Exon 2 of transcript AGAP000376-PA
JHU_Ag_109897	THEACVAAVR	AGAP000376-PA	C5(Carbamidomethyl)	74	3.72E-07	1	1113.542	-4.46	Head	X:+:6871150-6871179	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_114711	ANYAEVIER	AGAP000376-PA	-	62	1.12E-05	2	1064.539	1.51	Head	X:+:6870997-6871023	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_115831	CLVENGGDVAFSK	AGAP000376-PA	C1(Carbamidomethyl)	78	2.38E-07	1	1395.656	-1.2	Visceras	X:+:6870580-6870618	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_116344	DGTDADVVVLR	AGAP000376-PA	-	67	3.53E-06	2	1159.600	4.19	Malpighian tubule	X:+:6871180-6871212	exon=> In CDS Exon 1 of transcript AGAP000376-PA
JHU_Ag_2528	EVADALDELLPPGLKPLVTK	AGAP000378-PA	-	68	4.54E-07	1	2118.203	-1.2	Midgut	X:+:6881935-6881994	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_3606	YAYQSEREDLDR	AGAP000378-PA	-	45	0.000303266	1	1544.699	0.67	Ovary	X:+:6882299-6882334	exon=> In CDS Exon 2 of transcript AGAP000378-PA
JHU_Ag_5411	TFVSVALEHK	AGAP000378-PA	-	68	2.35E-06	1	1130.622	1.02	Ovary	X:+:6881995-6882024	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_5586	HGQAALVR	AGAP000378-PA	-	43	0.00026266	2	851.485	0.09	Midgut	X:+:6882335-6882358	exon=> In CDS Exon 2 of transcript AGAP000378-PA
JHU_Ag_6726	TLDSTCIVTPEQMEQGFR	AGAP000378-PA	C6(Carbamidomethyl), M13(Oxidation),C6(Carbamidomethyl)	87	2.34E-08	1	2127.970	0.77	Ovary	X:+:6882713-6882766	exon=> In CDS Exon 3 of transcript AGAP000378-PA
JHU_Ag_6930	HGQAALVR	AGAP000378-PA	-	37	0.001088098	1	851.481	-4	Head	X:+:6882335-6882358	exon=> In CDS Exon 2 of transcript AGAP000378-PA
JHU_Ag_11441	HGQAALVR	AGAP000378-PA	-	57	8.05E-06	1	851.487	2.38	Ovary	X:+:6882335-6882358	exon=> In CDS Exon 2 of transcript AGAP000378-PA
JHU_Ag_11912	KPAGPLTKR	AGAP000378-PA	-	34	0.000765664	2	967.605	0.44	Ovary	X:+:6881551-6881577	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_12495	VYEDMTDIVLDIPLAYSILDR	AGAP000378-PA	M5(Oxidation)	128	2.31E-12	1	2470.236	-2.64	Ovary	X:+:6882770-6882832	exon=> In CDS Exon 3 of transcript AGAP000378-PA
JHU_Ag_15624	EIVPQPTEAEVAK	AGAP000378-PA	-	54	4.13E-05	1	1410.749	0.81	Ovary	X:+:6881848-6881886	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_17248	EVADALDELLPPGLKPLVTK	AGAP000378-PA	-	94	9.10E-10	1	2118.210	1.91	Head	X:+:6881935-6881994	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_24847	HGQAALVR	AGAP000378-PA	-	57	1.19E-05	1	851.484	-0.27	Malpighian tubule	X:+:6882335-6882358	exon=> In CDS Exon 2 of transcript AGAP000378-PA
JHU_Ag_28657	AVADDCIPPK	AGAP000378-PA	C6(Carbamidomethyl)	39	0.00110409	1	1085.532	1.76	Ovary	X:+:6882269-6882298	exon=> In CDS Exon 2 of transcript AGAP000378-PA
JHU_Ag_31452	RFVSEGDGGLIK	AGAP000378-PA	-	51	0.00010837	1	1277.685	0.45	Ovary	X:+:6891549-6891584	exon=> In CDS Exon 4 of transcript AGAP000378-PA
JHU_Ag_32190	TFVSVALEHK	AGAP000378-PA	-	40	0.001553058	1	1130.621	0.57	Head	X:+:6881995-6882024	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_36849	KLETIILEYFEHGDTR	AGAP000378-PA	-	97	2.71E-09	1	1964.019	3.19	Midgut	X:+:6881887-6881934	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_37166	QVNFQR	AGAP000378-PA	-	37	0.004310186	2	791.417	1.37	Ovary	X:+:6891585-6891602	exon=> In CDS Exon 4 of transcript AGAP000378-PA
JHU_Ag_39024	FVSEGDGGLIK	AGAP000378-PA	-	39	0.001774951	2	1121.585	0.88	Malpighian tubule	X:+:6891552-6891584	exon=> In CDS Exon 4 of transcript AGAP000378-PA
JHU_Ag_44013	EVADALDELLPPGLKPLVTK	AGAP000378-PA	-	118	3.82E-12	1	2118.212	2.92	Ovary	X:+:6881935-6881994	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_44565	TLDSTCIVTPEQMEQGFRR	AGAP000378-PA	C6(Carbamidomethyl), M13(Oxidation),C6(Carbamidomethyl)	96	3.28E-09	1	2284.074	1.65	Ovary	X:+:6882713-6882769	exon=> In CDS Exon 3 of transcript AGAP000378-PA
JHU_Ag_45924	ELTSVLMSDLYGR	AGAP000378-PA	M7(Oxidation)	97	2.74E-09	1	1499.747	3.78	Ovary	X:+:6882037-6882075	exon=> In CDS Exon 1 of transcript AGAP000378-PA

JHU_Ag_46160	TFVSVALEHKQSQR	AGAP000378-PA	-	67	2.48E-06	1	1629.871	0.21	Malpighian tubule	X:+:6881995-6882036	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_46175	ELTSVLMSDLYGR	AGAP000378-PA	M7(Oxidation)	91	1.16E-08	1	1499.742	0.36	Malpighian tubule	X:+:6882037-6882075	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_47410	KLETIILEYFEHGDTR	AGAP000378-PA	-	54	6.54E-05	1	1964.006	-3.33	Salivary gland	X:+:6881887-6881934	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_48823	TLDSTCIVTPEQMEQGFRR	AGAP000378-PA	C6(Carbamidomethyl), M13(Oxidation),C6(Carbamidomethyl)	67	2.99E-06	1	2284.076	2.69	Malpighian tubule	X:+:6882713-6882769	exon=> In CDS Exon 3 of transcript AGAP000378-PA
JHU_Ag_51640	DGVLGVAGTPNFVAPHRK	AGAP000378-PA	-	120	6.61E-12	1	1834.999	3.47	Ovary	X:+:6881608-6881661	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_52569	KPAGPLTK	AGAP000378-PA	-	44	0.000117523	1	811.505	1.51	Ovary	X:+:6881551-6881574	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_52779	QVNFQRDF	AGAP000378-PA	-	34	0.004242111	1	1053.511	0.02	Ovary	X:+:6891585-6891608	exon=> In CDS Exon 4 of transcript AGAP000378-PA
JHU_Ag_53856	EIVPQPTEAEVAK	AGAP000378-PA	-	39	0.001152719	1	1410.752	2.97	Head	X:+:6881848-6881886	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_55029	AGSFMSEALIKDIPTR	AGAP000378-PA	M5(Oxidation)	116	2.62E-11	1	1735.910	3.16	Malpighian tubule	X:+:6882854-6882900,6891539-6891539	exon=> In CDS Exon 3 and 4 of transcript AGAP000378-PA
JHU_Ag_58405	TFVSVALEHK	AGAP000378-PA	-	60	1.27E-05	1	1130.622	1.66	Malpighian tubule	X:+:6881995-6882024	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_59935	DGVLGVAGTPNFVAPHR	AGAP000378-PA	-	103	5.05E-10	1	1706.899	1.22	Ovary	X:+:6881608-6881658	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_67042	KPAGPLTKR	AGAP000378-PA	-	34	0.000741375	2	967.607	1.9	Malpighian tubule	X:+:6881551-6881577	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_68052	AGSFMSEALIKDIPTR	AGAP000378-PA	M5(Oxidation)	114	5.67E-11	1	1751.905	2.83	Ovary	X:+:6882854-6882900,6891539-6891539	exon=> In CDS Exon 3 and 4 of transcript AGAP000378-PA
JHU_Ag_70659	KLETIILEYFEHGDTR	AGAP000378-PA	-	120	1.21E-11	1	1964.018	2.82	Ovary	X:+:6881887-6881934	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_72462	KLETIILEYFEHGDTR	AGAP000378-PA	-	36	0.003306905	3	1964.021	4.31	Pupa	X:+:6881887-6881934	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_76758	ELTSVLMSDLYGR	AGAP000378-PA	-	77	2.33E-07	2	1483.752	4.09	Head	X:+:6882037-6882075	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_78958	TLDSTCIVTPEQMEQGFR	AGAP000378-PA	C6(Carbamidomethyl), M13(Oxidation)	45	0.000377885	1	2127.973	2.03	Malpighian tubule	X:+:6882713-6882766	exon=> In CDS Exon 3 of transcript AGAP000378-PA
JHU_Ag_82387	KLETIILEYFEHGDTR	AGAP000378-PA	-	110	1.27E-10	1	1964.019	3.29	Malpighian tubule	X:+:6881887-6881934	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_88425	AGSFMSEALIK	AGAP000378-PA	M5(Oxidation)	78	1.90E-07	1	1169.588	0.46	Ovary	X:+:6882854-6882886	exon=> In CDS Exon 3 of transcript AGAP000378-PA
JHU_Ag_88574	YAYQSEREDLDR	AGAP000378-PA	-	45	0.000295801	1	1544.698	0.43	Visceras	X:+:6882299-6882334	exon=> In CDS Exon 2 of transcript AGAP000378-PA
JHU_Ag_91474	KPAGPLTK	AGAP000378-PA	-	32	0.00208988	2	811.505	2.24	Malpighian tubule	X:+:6881551-6881574	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_98768	TFVSVALEHK	AGAP000378-PA	-	44	0.000742018	1	1130.619	-0.93	Male reproductive organs	X:+:6881995-6882024	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_99374	DGVLGVAGTPNFVAPHRK	AGAP000378-PA	-	31	0.004854987	1	1835.009	9.08	Head	X:+:6881608-6881661	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_99901	QVNFQRDF	AGAP000378-PA	-	35	0.003398779	1	1053.513	1.41	Malpighian tubule	X:+:6891585-6891608	exon=> In CDS Exon 4 of transcript AGAP000378-PA
JHU_Ag_104201	TLDSTCIVTPEQMEQGFR	AGAP000378-PA	C6(Carbamidomethyl), M13(Oxidation)	45	0.000364398	1	2127.972	1.68	Head	X:+:6882713-6882766	exon=> In CDS Exon 3 of transcript AGAP000378-PA
JHU_Ag_110113	DGVLGVAGTPNFVAPHR	AGAP000378-PA	-	127	2.13E-12	1	1706.902	2.73	Head	X:+:6881608-6881658	exon=> In CDS Exon 1 of transcript AGAP000378-PA

JHU_Ag_111001	DGVLGVAGTPNFVAPHRK	AGAP000378-PA	-	43	0.000297696	1	1834.996	2	Malpighian tubule	X:+:6881608-6881661	exon=> In CDS Exon 1 of transcript AGAP000378-PA
JHU_Ag_113538	FVSEGDGGLIK	AGAP000378-PA	-	49	0.000196385	1	1121.586	1.75	Ovary	X:+:6891552-6891584	exon=> In CDS Exon 4 of transcript AGAP000378-PA
JHU_Ag_3461	LLLGTPQPSSLPSATGSELSVSVPHTRPETPR	AGAP000380-PA	-	178	7.69E-18	1	3311.766	1.88	Malpighian tubule	X:-:6905241-6905146	exon=> In CDS Exon 5 of transcript AGAP000380-PA
JHU_Ag_53718	LPHLAPATAAELR	AGAP000380-PA	-	40	0.000513327	1	1359.777	2.03	Head	X:-:6915653-6915615	exon=> In CDS Exon 1 of transcript AGAP000380-PA
JHU_Ag_64813	RPGAATNQPTAADTAVAKPAYGYKR	AGAP000380-PA	-	61	5.82E-06	1	2575.346	3.17	Malpighian tubule	X:-:6915575-6915501	exon=> In CDS Exon 1 of transcript AGAP000380-PA
JHU_Ag_105470	PDISQDEFEAKLPHLAPATAAELR	AGAP000380-PA	-	93	4.70E-09	1	2619.356	5.53	Malpighian tubule	X:-:6915686-6915615	exon=> In CDS Exon 1 of transcript AGAP000380-PA
JHU_Ag_110914	LLLGTPQPSSLPSATGSELSVSVPHTRPETPR	AGAP000380-PA	-	171	3.85E-17	1	3311.765	1.59	Head	X:-:6905241-6905146	exon=> In CDS Exon 5 of transcript AGAP000380-PA
JHU_Ag_111414	PDISQDEFEAK	AGAP000380-PA	-	51	0.000105755	2	1278.589	3.43	Malpighian tubule	X:-:6915686-6915654	exon=> In CDS Exon 1 of transcript AGAP000380-PA
JHU_Ag_117294	LPHLAPATAAELR	AGAP000380-PA	-	45	0.000183252	1	1359.774	-0.39	Malpighian tubule	X:-:6915653-6915615	exon=> In CDS Exon 1 of transcript AGAP000380-PA
JHU_Ag_635	QTFFAGQVVR	AGAP000380-PB,AGAP000380-PA	-	65	3.55E-06	2	1152.622	4.72	Malpighian tubule	X:-:6905639-6905610;X:-:6905639-6905610	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_3394	QFEYDPSFPVR	AGAP000380-PB,AGAP000380-PA	-	53	6.65E-05	1	1384.653	0.18	Malpighian tubule	X:-:6909195-6909163;X:-:6909195-6909163	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_9423	TYFDTIVVDAR	AGAP000380-PB,AGAP000380-PA	-	41	0.001037962	2	1299.663	3.58	Head	X:-:6906137-6906105;X:-:6906137-6906105	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_12094	DVLYIGDHIFGDILK	AGAP000380-PB,AGAP000380-PA	-	65	3.39E-06	1	1717.924	4.71	Malpighian tubule	X:-:6905945-6905901;X:-:6905945-6905901	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_16681	YGELFMSFK	AGAP000380-PB,AGAP000380-PA	M6(Oxidation)	43	0.000651517	2	1137.531	2.3	Male reproductive organs	X:-:6908819-6908793;X:-:6908819-6908793	exon=> In CDS Exon 3 of transcript AGAP000380-PB;exon=> In CDS Exon 3 of transcript AGAP000380-PA
JHU_Ag_17249	LGDLYKNLDSSAK	AGAP000380-PB,AGAP000380-PA	-	45	0.000379925	1	1423.747	3.21	Malpighian tubule	X:-:6905783-6905745;X:-:6905783-6905745	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_20538	KPLFFGEGTILR	AGAP000380-PB,AGAP000380-PA	-	42	0.000293395	1	1377.789	-0.25	Visceras	X:-:6906104-6906069;X:-:6906104-6906069	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_26977	LVSLGYPAEIR	AGAP000380-PB,AGAP000380-PA	-	63	4.32E-06	2	1217.689	-0.31	Midgut	X:-:6909228-6909196;X:-:6909228-6909196	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_27735	FYGFDMDYTIAEYK	AGAP000380-PB,AGAP000380-PA	M6(Oxidation)	98	9.78E-10	1	1778.765	1.59	Malpighian tubule	X:-:6909315-6909274;X:-:6909315-6909274	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA

JHU_Ag_29994	SPQYEQLGFDLVK	AGAP000380-PB,AGAP000380-PA	-	90	1.46E-08	1	1523.776	1.04	Male reproductive organs	X:-:6909273-6909235;X:-:6909273-6909235	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_35552	TYFDTIVVDAR	AGAP000380-PB,AGAP000380-PA	-	62	8.39E-06	2	1299.660	1.33	Ovary	X:-:6906137-6906105;X:-:6906137-6906105	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_37002	HHQVYELYPNK	AGAP000380-PB,AGAP000380-PA	-	59	1.73E-05	2	1427.705	-1.32	Head	X:-:6909069-6909355,6908718-6908961;X:-:6909069-6909355,6908718-6908961	exon=> In CDS Exon 3 and 2 of transcript AGAP000380-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000380-PA
JHU_Ag_37814	CQLFAQLQQLDVR	AGAP000380-PB,AGAP000380-PA	C1(Carbamidomethyl)	103	9.05E-10	1	1618.836	-0.36	Midgut	X:-:6905822-6905784;X:-:6905822-6905784	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_40010	GAVDWVHIYGDLK	AGAP000380-PB,AGAP000380-PA	-	86	4.07E-08	1	1472.755	1.19	Male reproductive organs	X:-:6908771-6908733;X:-:6908771-6908733	exon=> In CDS Exon 3 of transcript AGAP000380-PB;exon=> In CDS Exon 3 of transcript AGAP000380-PA
JHU_Ag_42308	QVDTSTGALK	AGAP000380-PB,AGAP000380-PA	-	37	0.002349326	2	1019.536	-0.86	Malpighian tubule	X:-:6906068-6906039;X:-:6906068-6906039	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_42417	LFLLTNSDYMFTDR	AGAP000380-PB,AGAP000380-PA	M10(Oxidation)	89	2.20E-08	1	1735.836	0.03	Midgut	X:-:6906245-6906204;X:-:6906245-6906204	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_42507	LVSLGYPAEIR	AGAP000380-PB,AGAP000380-PA	-	49	8.40E-05	1	1217.693	3.1	Head	X:-:6909228-6909196;X:-:6909228-6909196	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_43290	MDLAYGMMGSLFR	AGAP000380-PB,AGAP000380-PA	M1(Oxidation), M7(Oxidation), M8(Oxidation)	42	0.000439886	2	1539.666	1.26	Malpighian tubule	X:-:6905690-6905652;X:-:6905690-6905652	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_44325	TYFDTIVVDAR	AGAP000380-PB,AGAP000380-PA	-	40	0.001076433	2	1299.659	1.14	Visceras	X:-:6906137-6906105;X:-:6906137-6906105	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_44494	SPQYEQLGFDLVK	AGAP000380-PB,AGAP000380-PA	-	89	1.91E-08	1	1523.777	2.01	Head	X:-:6909273-6909235;X:-:6909273-6909235	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_44893	TLENLDEYVK	AGAP000380-PB,AGAP000380-PA	-	56	3.80E-05	1	1223.616	0.46	Malpighian tubule	X:-:6908726-6908991,6905347-6906300;X:-:6908726-6908991,6905328-6906300	exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PA
JHU_Ag_46875	GKDVLYIGDHIFGDILK	AGAP000380-PB,AGAP000380-PA	-	48	9.82E-05	1	1903.042	5.22	Head	X:-:6905951-6905901;X:-:6905951-6905901	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA

JHU_Ag_47564	APAMLLPHESTVAHEQR	AGAP000380-PB,AGAP000380-PA	M4(Oxidation)	114	5.11E-11	1	1902.949	-0.26	Head	X:-:6905543-6905493;X:-:6905543-6905493	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_48141	SPQYEQLGFDLVK	AGAP000380-PB,AGAP000380-PA	-	101	1.07E-09	1	1523.777	1.77	Malpighian tubule	X:-:6909273-6909235;X:-:6909273-6909235	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_49755	CQLFAQLQQLDVR	AGAP000380-PB,AGAP000380-PA	C1(Carbamidomethyl)	85	5.20E-08	2	1618.836	-0.66	Malpighian tubule	X:-:6905822-6905784;X:-:6905822-6905784	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_53185	GAVDWVHIYGDLK	AGAP000380-PB,AGAP000380-PA	-	40	0.001546545	1	1472.756	1.88	Malpighian tubule	X:-:6908771-6908733;X:-:6908771-6908733	exon=> In CDS Exon 3 of transcript AGAP000380-PB;exon=> In CDS Exon 3 of transcript AGAP000380-PA
JHU_Ag_53622	SPQYEQLGFDLVK	AGAP000380-PB,AGAP000380-PA	-	89	2.02E-08	1	1523.774	0.16	Midgut	X:-:6909273-6909235;X:-:6909273-6909235	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_53788	YGELFMSFK	AGAP000380-PB,AGAP000380-PA	M6(Oxidation)	65	3.88E-06	1	1137.529	0.8	Malpighian tubule	X:-:6908819-6908793;X:-:6908819-6908793	exon=> In CDS Exon 3 of transcript AGAP000380-PB;exon=> In CDS Exon 3 of transcript AGAP000380-PA
JHU_Ag_53842	LFLLTNSDYMFTDR	AGAP000380-PB,AGAP000380-PA	M10(Oxidation),"N6(Deamidated),M10(Oxidation)"	65	5.17E-06	2	1751.832	0.84	Male reproductive organs	X:-:6906245-6906204;X:-:6906245-6906204	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_56380	KTLENLDEYVK	AGAP000380-PB,AGAP000380-PA	-	46	0.000325587	1	1351.710	-0.18	Malpighian tubule	X:-:6908729-6908991,6905347-6906300;X:-:6908729-6908991,6905328-6906300	exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PA
JHU_Ag_57412	TLENLDEYVK	AGAP000380-PB,AGAP000380-PA	-	56	4.15E-05	1	1223.616	0.76	Male reproductive organs	X:-:6908726-6908991,6905347-6906300;X:-:6908726-6908991,6905328-6906300	exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PA
JHU_Ag_58649	GKDVLYIGDHIFGDILK	AGAP000380-PB,AGAP000380-PA	-	96	2.05E-09	1	1903.035	1.18	Visceras	X:-:6905951-6905901;X:-:6905951-6905901	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_58654	IMTFLFDFPHGGKPDEPHR	AGAP000380-PB,AGAP000380-PA	M2(Oxidation)	84	6.83E-08	1	2257.090	1.55	Malpighian tubule	X:-:6906203-6906147;X:-:6906203-6906147	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_61960	FYGFDMDYTIAEYK	AGAP000380-PB,AGAP000380-PA	-	72	3.44E-07	1	1762.767	-0.03	Midgut	X:-:6909315-6909274;X:-:6909315-6909274	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_63556	GKDVLYIGDHIFGDILK	AGAP000380-PB,AGAP000380-PA	-	86	1.70E-08	1	1903.033	0.12	Male reproductive organs	X:-:6905951-6905901;X:-:6905951-6905901	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA

JHU_Ag_64227	LVSLGYPAEIR	AGAP000380-PB,AGAP000380-PA	-	53	4.28E-05	1	1217.691	1.59	Male reproductive organs	X:-:6909228-6909196;X:-:6909228-6909196	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_66491	KPLFFGEGTILR	AGAP000380-PB,AGAP000380-PA	-	50	3.99E-05	1	1377.793	3.11	Salivary gland	X:-:6906104-6906069;X:-:6906104-6906069	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_69094	DVLYIGDHIFGDILK	AGAP000380-PB,AGAP000380-PA	-	105	3.07E-10	1	1717.924	4.36	Midgut	X:-:6905945-6905901;X:-:6905945-6905901	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_69407	FLQLDESR	AGAP000380-PB,AGAP000380-PA	-	36	0.004337 83	1	1007.515	-0.98	Malpighian tubule	X:-:6908960-6908937;X:-:6908960-6908937	exon=> In CDS Exon 3 of transcript AGAP000380-PB;exon=> In CDS Exon 3 of transcript AGAP000380-PA
JHU_Ag_70840	QTFFAGQVVR	AGAP000380-PB,AGAP000380-PA	-	48	0.000152 906	2	1152.617	0.37	Midgut	X:-:6905639-6905610;X:-:6905639-6905610	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_73894	KPLFFGEGTILR	AGAP000380-PB,AGAP000380-PA	-	73	2.40E-07	1	1377.792	2.13	Male reproductive organs	X:-:6906104-6906069;X:-:6906104-6906069	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_76523	VGTHMGPLQANQVYSGGSCDVFTK	AGAP000380-PB,AGAP000380-PA	C19(Carbamidomethyl),"M5(Oxidation),C19(Carbamidomethyl)"	52	9.29E-05	1	2569.189	2.96	Malpighian tubule	X:-:6906038-6905967;X:-:6906038-6905967	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_82806	LGDLYK	AGAP000380-PB,AGAP000380-PA	-	32	0.003487 949	1	708.393	-0.18	Malpighian tubule	X:-:6905783-6905766;X:-:6905783-6905766	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_83052	SPQYEQLGFDLVK	AGAP000380-PB,AGAP000380-PA	-	74	5.83E-07	1	1523.777	1.6	Salivary gland	X:-:6909273-6909235;X:-:6909273-6909235	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_84041	CQLFAQLQQLDVR	AGAP000380-PB,AGAP000380-PA	C1(Carbamidomethyl)	109	2.11E-10	2	1618.838	0.39	Head	X:-:6905822-6905784;X:-:6905822-6905784	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_84446	FTLDAPMIQR	AGAP000380-PB,AGAP000380-PA	M7(Oxidation)	47	0.000347 669	2	1207.615	1.03	Malpighian tubule	X:-:6905492-6905463;X:-:6905492-6905463	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_85460	IMTFLFDFPHGGKPDEPHR	AGAP000380-PB,AGAP000380-PA	M2(Oxidation)	79	2.11E-07	1	2257.092	2.5	Head	X:-:6906203-6906147;X:-:6906203-6906147	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_91526	LPMVLSR	AGAP000380-PB,AGAP000380-PA	M3(Oxidation)	40	0.001294 839	2	831.478	2.96	Malpighian tubule	X:-:6906287-6906267;X:-:6906287-6906267	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_91904	SPQYEQLGFDLVK	AGAP000380-PB,AGAP000380-PA	-	102	8.94E-10	1	1523.777	2.17	Visceras	X:-:6909273-6909235;X:-:6909273-6909235	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA

JHU_Ag_93344	TYFDTIVVDAR	AGAP000380-PB,AGAP000380-PA	-	44	0.000489537	2	1299.658	0.29	Salivary gland	X:-:6906137-6906105;X:-:6906137-6906105	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_93407	TYFDTIVVDAR	AGAP000380-PB,AGAP000380-PA	-	71	1.05E-06	2	1299.660	1.33	Midgut	X:-:6906137-6906105;X:-:6906137-6906105	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_93770	HHQVYELYPNK	AGAP000380-PB,AGAP000380-PA	-	54	6.15E-05	1	1427.707	0.06	Malpighian tubule	X:-:6909069-6909355,6908718-6908961;X:-:6909069-6909355,6908718-6908961	exon=> In CDS Exon 3 and 2 of transcript AGAP000380-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000380-PA
JHU_Ag_93804	LVSLGYPAEIR	AGAP000380-PB,AGAP000380-PA	-	56	1.58E-05	1	1217.695	5.1	Malpighian tubule	X:-:6909228-6909196;X:-:6909228-6909196	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_97214	KPLFFGEGTILR	AGAP000380-PB,AGAP000380-PA	-	62	2.45E-06	1	1377.793	2.76	Head	X:-:6906104-6906069;X:-:6906104-6906069	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_97303	LVSLGYPAEIR	AGAP000380-PB,AGAP000380-PA	-	52	4.68E-05	2	1217.688	-1.01	Ovary	X:-:6909228-6909196;X:-:6909228-6909196	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_98863	SPQYEQLGFDLVK	AGAP000380-PB,AGAP000380-PA	-	50	0.000143969	1	1523.779	2.97	Pupa	X:-:6909273-6909235;X:-:6909273-6909235	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_100084	GKDVLYIGDHIFGDILK	AGAP000380-PB,AGAP000380-PA	-	112	5.08E-11	1	1903.033	0.22	Midgut	X:-:6905951-6905901;X:-:6905951-6905901	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_100397	KPLFFGEGTILR	AGAP000380-PB,AGAP000380-PA	-	66	1.08E-06	1	1377.791	1.16	Malpighian tubule	X:-:6906104-6906069;X:-:6906104-6906069	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_101754	LFLLTNSDYMFTDR	AGAP000380-PB,AGAP000380-PA	M10(Oxidation)	96	3.84E-09	1	1751.832	0.57	Malpighian tubule	X:-:6906245-6906204;X:-:6906245-6906204	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_102233	GKDVLYIGDHIFGDILK	AGAP000380-PB,AGAP000380-PA	-	118	1.16E-11	1	1903.033	0.5	Malpighian tubule	X:-:6905951-6905901;X:-:6905951-6905901	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_102340	LVSLGYPAEIRQFEYDPSFPVR	AGAP000380-PB,AGAP000380-PA	-	44	0.000432939	1	2583.339	5.65	Malpighian tubule	X:-:6909228-6909163;X:-:6909228-6909163	exon=> In CDS Exon 2 of transcript AGAP000380-PB;exon=> In CDS Exon 2 of transcript AGAP000380-PA
JHU_Ag_105242	TLENLDEYVK	AGAP000380-PB,AGAP000380-PA	-	40	0.001737399	1	1223.605	-8.36	Midgut	X:-:6908726-6908991,6905347-6906300;X:-:6908726-6908991,6905328-6906300	exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000380-PA

JHU_Ag_108077	TYFDTIVVDAR	AGAP000380-PB,AGAP000380-PA	-	100	1.24E-09	1	1299.660	1.7	Malpighian tubule	X:-:6906137-6906105;X:-:6906137-6906105	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_114315	APAMLLPHESTVAHEQR	AGAP000380-PB,AGAP000380-PA	M4(Oxidation)	123	6.79E-12	1	1902.952	1.56	Malpighian tubule	X:-:6905543-6905493;X:-:6905543-6905493	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_116428	AELQLSAAAAAPPPHELDDEEEGAEGDADAR	AGAP000380-PB,AGAP000380-PA	-	133	6.39E-13	1	3145.425	1.86	Head	X:-:6905447-6905355;X:-:6905447-6905355	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_117108	KPLFFGEGTILR	AGAP000380-PB,AGAP000380-PA	-	62	2.69E-06	1	1377.790	0.63	Midgut	X:-:6906104-6906069;X:-:6906104-6906069	exon=> In CDS Exon 4 of transcript AGAP000380-PB;exon=> In CDS Exon 4 of transcript AGAP000380-PA
JHU_Ag_36900	FAEQAEFAPEEIDQQGGGTIHSDDLR	AGAP000385-PB	-	36	0.002507068	1	2860.298	-1.52	Salivary gland	X:+:7080616-7080693	exon=> In CDS Exon 1 of transcript AGAP000385-PB
JHU_Ag_26679	YGGFVAPK	AGAP000385-PB,AGAP000385-PC	-	40	0.000667667	2	838.449	4.06	Malpighian tubule	X:+:7082547-7082570;X:+:7082547-7082570	exon=> In CDS Exon 5 of transcript AGAP000385-PB;exon=> In CDS Exon 6 of transcript AGAP000385-PC
JHU_Ag_63675	LNLLLR	AGAP000385-PB,AGAP000385-PC	-	27	0.004617668	1	741.501	4.44	Larva	X:+:7082145-7082162;X:+:7082145-7082162	exon=> In CDS Exon 4 of transcript AGAP000385-PB;exon=> In CDS Exon 5 of transcript AGAP000385-PC
JHU_Ag_89836	AIDLDDVHVPPGYVVTGVQFR	AGAP000385-PB,AGAP000385-PC	-	45	0.000284066	1	2297.214	9.29	Malpighian tubule	X:+:7082067-7082129;X:+:7082067-7082129	exon=> In CDS Exon 4 of transcript AGAP000385-PB;exon=> In CDS Exon 5 of transcript AGAP000385-PC
JHU_Ag_117521	LNLLLR	AGAP000385-PB,AGAP000385-PC	N2(Deamidated)	31	0.004115551	2	742.483	1.28	Malpighian tubule	X:+:7082145-7082162;X:+:7082145-7082162	exon=> In CDS Exon 4 of transcript AGAP000385-PB;exon=> In CDS Exon 5 of transcript AGAP000385-PC
JHU_Ag_72594	DQAANPAEAVPIYKPIVAK	AGAP000388-PA	-	47	0.000119442	1	1995.090	-0.31	Midgut	X:+:7120179-7120235	exon=> In CDS Exon 5 of transcript AGAP000388-PA
JHU_Ag_77593	TLFFVNQDR	AGAP000388-PA	-	46	0.000309938	2	1139.584	-0.24	Male reproductive organs	X:+:7119378-7119404	exon=> In CDS Exon 4 of transcript AGAP000388-PA
JHU_Ag_82224	DQAANPAEAVPIYKPIVAK	AGAP000388-PA	-	78	1.05E-07	1	1995.095	1.8	Male reproductive organs	X:+:7120179-7120235	exon=> In CDS Exon 5 of transcript AGAP000388-PA
JHU_Ag_116105	AAIEQEAAVSCLTK	AGAP000388-PA	C11(Carbamidomethyl)	52	0.000114456	2	1490.754	1.15	Male reproductive organs	X:+:7119405-7119446	exon=> In CDS Exon 4 of transcript AGAP000388-PA
JHU_Ag_77417	GYELLHELK	AGAP000389-PA	-	54	5.79E-05	2	1101.589	-4.66	Head	X:-:7132720-7132694	exon=> In CDS Exon 13 of transcript AGAP000389-PA
JHU_Ag_17480	LGEIPDEELIQYER	AGAP000390-PA	-	79	2.48E-07	2	1703.847	-0.75	Midgut	X:-:7162084-7162043	exon=> In CDS Exon 5 of transcript AGAP000390-PA
JHU_Ag_41413	TFHDELIEAGSSLVDR	AGAP000390-PA	-	97	3.81E-09	1	1788.886	5.34	Midgut	X:-:7161814-7161767	exon=> In CDS Exon 5 of transcript AGAP000390-PA
JHU_Ag_111363	MLLDRMVNLLAR	AGAP000391-PA	-	32	0.003697216	1	1444.826	9.2	Midgut	X:-:7185530-7185495	exon=> In CDS Exon 3 of transcript AGAP000391-PA
JHU_Ag_3259	TAYDLQSFSFFQR	AGAP000392-PA	-	96	3.23E-09	2	1609.765	0	Male reproductive organs	X:+:7190767-7190805	exon=> In CDS Exon 1 of transcript AGAP000392-PA
JHU_Ag_20217	TAYDLQSFSFFQR	AGAP000392-PA	-	97	2.78E-09	1	1609.766	0.75	Head	X:+:7190767-7190805	exon=> In CDS Exon 1 of transcript AGAP000392-PA
JHU_Ag_27372	LYALSVFYK	AGAP000392-PA	-	41	0.00085584	1	1103.613	-0.45	Male reproductive organs	X:+:7190713-7190739	exon=> In CDS Exon 1 of transcript AGAP000392-PA
JHU_Ag_31644	GSVQEFISFASK	AGAP000392-PA	-	56	3.54E-05	2	1299.661	2.26	Malpighian tubule	X:+:7190806-7190828,7190912-7190924	exon=> In CDS Exon 1 and 2 of transcript AGAP000392-PA

JHU_Ag_32207	GSVQEFISFASK	AGAP000392-PA	-	66	2.82E-06	2	1299.659	0.66	Male reproductive organs	X:+:7190806-7190828,7190912-7190924	exon=> In CDS Exon 1 and 2 of transcript AGAP000392-PA
JHU_Ag_35990	VGHTLLTK	AGAP000392-PA	-	46	6.43E-05	2	868.526	1.08	Malpighian tubule	X:+:7191054-7191077	exon=> In CDS Exon 2 of transcript AGAP000392-PA
JHU_Ag_41674	VGPEQWPVATSEAAIQFGTLPATLSK	AGAP000392-PA	-	54	3.77E-05	1	2698.408	-0.38	Head	X:+:7191102-7191179	exon=> In CDS Exon 2 of transcript AGAP000392-PA
JHU_Ag_45540	TAYDLQSFSFFQR	AGAP000392-PA	-	95	4.39E-09	2	1609.771	3.86	Malpighian tubule	X:+:7190767-7190805	exon=> In CDS Exon 1 of transcript AGAP000392-PA
JHU_Ag_59690	ADNLAAVLIADHEYPQR	AGAP000392-PA	-	59	1.73E-05	1	1895.964	1.75	Head	X:+:7191003-7191053	exon=> In CDS Exon 2 of transcript AGAP000392-PA
JHU_Ag_73366	GSVQEFISFASK	AGAP000392-PA	-	79	1.42E-07	2	1299.658	-0.18	Head	X:+:7190806-7190828,7190912-7190924	exon=> In CDS Exon 1 and 2 of transcript AGAP000392-PA
JHU_Ag_88429	ADNLAAVLIADHEYPQR	AGAP000392-PA	-	45	0.000505741	3	1895.967	3.32	Midgut	X:+:7191003-7191053	exon=> In CDS Exon 2 of transcript AGAP000392-PA
JHU_Ag_108564	TAYDLQSFSFFQR	AGAP000392-PA	-	73	8.13E-07	2	1609.769	2.57	Midgut	X:+:7190767-7190805	exon=> In CDS Exon 1 of transcript AGAP000392-PA
JHU_Ag_110150	VGHTLLTK	AGAP000392-PA	-	44	0.000100036	1	868.524	-0.89	Head	X:+:7191054-7191077	exon=> In CDS Exon 2 of transcript AGAP000392-PA
JHU_Ag_4938	EDLGAGAHTFSR	AGAP000393-PB	-	99	1.41E-09	1	1260.597	0.43	Visceras	X:+:7194720-7194755	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_7349	EDLGAGAHTFSR	AGAP000393-PB	-	105	3.33E-10	1	1260.595	-1.61	Head	X:+:7194720-7194755	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_17941	ASLIASIIFVLDKK	AGAP000393-PB	-	29	0.000695605	1	1517.934	2.77	Larva	X:+:7195594-7195635	exon=> In CDS Exon 3 of transcript AGAP000393-PB
JHU_Ag_21615	EDLGAGAHTFSR	AGAP000393-PB	-	94	4.26E-09	1	1260.597	0.13	Midgut	X:+:7194720-7194755	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_33788	MDPEAFLDIANQVIK	AGAP000393-PB	N-Term(Acetyl)	73	8.28E-07	2	1745.876	-0.89	Midgut	X:+:7194615-7194659	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_46796	IHDGVTHAAK	AGAP000393-PB	-	72	1.05E-06	1	1048.553	-0.07	Visceras	X:+:7195333-7195362	exon=> In CDS Exon 2 of transcript AGAP000393-PB
JHU_Ag_61371	IHDGVTHAAK	AGAP000393-PB	-	49	0.000250032	1	1048.548	-5.54	Head	X:+:7195333-7195362	exon=> In CDS Exon 2 of transcript AGAP000393-PB
JHU_Ag_62797	GVWTPTAMEFLQPSFYTK	AGAP000393-PB	M8(Oxidation)	72	1.04E-06	2	2119.025	2.29	Visceras	X:+:7195456-7195499,7195584-7195593	exon=> In CDS Exon 2 and 3 of transcript AGAP000393-PB
JHU_Ag_62976	GVWTPTAMEFLQPSFYTK	AGAP000393-PB	M8(Oxidation)	107	3.46E-10	1	2119.033	5.64	Larva	X:+:7195456-7195499,7195584-7195593	exon=> In CDS Exon 2 and 3 of transcript AGAP000393-PB
JHU_Ag_76095	EDLGAGAHTFSR	AGAP000393-PB	-	76	3.57E-07	1	1260.600	2.56	Larva	X:+:7194720-7194755	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_84051	EDLGAGAHTFSR	AGAP000393-PB	-	99	1.46E-09	1	1260.595	-1.22	Pupa	X:+:7194720-7194755	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_90257	EDLGAGAHTFSR	AGAP000393-PB	-	58	1.95E-05	1	1260.594	-2.09	Male reproductive organs	X:+:7194720-7194755	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_95376	MDPEAFLDIANQVIK	AGAP000393-PB	N-Term(Acetyl), M1(Oxidation)	79	2.05E-07	2	1761.882	5.12	Larva	X:+:7194615-7194659	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_95704	GVWTPTAMEFLQPSFYTK	AGAP000393-PB	M8(Oxidation)	48	0.000236818	1	2119.022	0.8	Midgut	X:+:7195456-7195499,7195584-7195593	exon=> In CDS Exon 2 and 3 of transcript AGAP000393-PB
JHU_Ag_96764	MDPEAFLDIANQVIK	AGAP000393-PB	N-Term(Acetyl), M1(Oxidation)	107	3.88E-10	1	1761.871	-1.32	Midgut	X:+:7194615-7194659	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_116361	KIHDGVTHAAK	AGAP000393-PB	-	79	1.24E-07	1	1176.651	2.34	Visceras	X:+:7194996-7194998,7195333-7195362	exon=> In CDS Exon 1 and 2 of transcript AGAP000393-PB

JHU_Ag_116964	MDPEAFLDIANQVIK	AGAP000393-PB	N-Term(Acetyl)	60	1.67E-05	2	1745.883	2.67	Visceras	X:+:7194615-7194659	exon=> In CDS Exon 1 of transcript AGAP000393-PB
JHU_Ag_2034	ATVTVLTVHGRR	AGAP000394-PA	N-Term(Acetyl)	45	0.000109182	1	1351.783	2.08	Malpighian tubule	X:+:7199607-7199642	exon=> In CDS Exon 1 of transcript AGAP000394-PA
JHU_Ag_8076	EVYWGQLPATTLK	AGAP000394-PA	-	39	0.001386191	2	1505.808	5.47	Malpighian tubule	X:+:7200058-7200096	exon=> In CDS Exon 2 of transcript AGAP000394-PA
JHU_Ag_46889	HILQGVFQVYETVGHVVEFVR	AGAP000394-PA	-	120	4.31E-12	1	2456.321	4.99	Ovary	X:+:7200745-7200807	exon=> In CDS Exon 2 of transcript AGAP000394-PA
JHU_Ag_60697	ATVTVLTVHGR	AGAP000394-PA	N-Term(Acetyl)	58	7.70E-06	2	1195.680	0.49	Salivary gland	X:+:7199607-7199639	exon=> In CDS Exon 1 of transcript AGAP000394-PA
JHU_Ag_72792	AGEQAVEEAVPERPRPEAR	AGAP000394-PA	-	94	5.34E-09	1	2091.056	-1.07	Head	X:+:7200424-7200480	exon=> In CDS Exon 2 of transcript AGAP000394-PA
JHU_Ag_45368	DYGEQDNADLGR	AGAP000395-PA	-	101	3.90E-10	1	1352.573	1.51	Head	X:-:7232061-7232026	exon=> In CDS Exon 1 of transcript AGAP000395-PA
JHU_Ag_49588	LFHGDGTPPIDFAPADGEVTGDSLR	AGAP000395-PA	-	57	2.83E-05	1	2584.239	2.9	Midgut	X:-:7231989-7231915	exon=> In CDS Exon 1 of transcript AGAP000395-PA
JHU_Ag_65269	LAQSFVDTVEPAEWR	AGAP000395-PA	-	67	3.56E-06	2	1747.873	4.81	Head	X:-:7231848-7231804	exon=> In CDS Exon 1 of transcript AGAP000395-PA
JHU_Ag_72930	DYGEQDNADLGR	AGAP000395-PA	-	71	4.04E-07	2	1352.571	-0.57	Midgut	X:-:7232061-7232026	exon=> In CDS Exon 1 of transcript AGAP000395-PA
JHU_Ag_73737	LFHGDGTPPIDFAPADGEVTGDSLRK	AGAP000395-PA	-	37	0.003010053	1	2712.340	4.96	Malpighian tubule	X:-:7231989-7231912	exon=> In CDS Exon 1 of transcript AGAP000395-PA
JHU_Ag_91683	LAQSFVDTVEPAEWR	AGAP000395-PA	-	39	0.001919402	2	1747.870	3.06	Midgut	X:-:7231848-7231804	exon=> In CDS Exon 1 of transcript AGAP000395-PA
JHU_Ag_111247	LAQSFVDTVEPAEWR	AGAP000395-PA	-	70	1.60E-06	2	1747.866	0.62	Male reproductive organs	X:-:7231848-7231804	exon=> In CDS Exon 1 of transcript AGAP000395-PA
JHU_Ag_163	SNAATIKPNPK	AGAP000396-PA	-	68	1.02E-06	1	1140.637	-0.49	Malpighian tubule	X:+:7240843-7240875	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_3068	QITINDLPVGR	AGAP000396-PA	-	63	2.92E-06	1	1225.690	0.01	Ovary	X:+:7240723-7240755	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_5367	AFQFVEK	AGAP000396-PA	-	35	0.002488663	1	868.458	1.8	Salivary gland	X:+:7240786-7240806	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_5480	LEYPLLADLTK	AGAP000396-PA	-	74	2.77E-07	2	1275.719	-0.1	Midgut	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_7358	ISADYGVLLPDGISLR	AGAP000396-PA	-	66	2.06E-06	2	1688.926	2.58	Visceras	X:+:7240639-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_7522	QITINDLPVGR	AGAP000396-PA	-	43	0.000293355	2	1225.690	0.01	Head	X:+:7240723-7240755	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_7801	LEYPLLADLTKR	AGAP000396-PA	-	32	0.001831564	2	1431.821	0.48	Midgut	X:+:7240603-7240638	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_9630	GLFIIDPAGVVR	AGAP000396-PA	-	59	7.14E-06	1	1256.740	3.34	Malpighian tubule	X:+:7240687-7240722	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_12512	LEYPLLADLTK	AGAP000396-PA	-	52	3.39E-05	2	1275.725	4.21	Malpighian tubule	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_14266	HGEVCPANWEPK	AGAP000396-PA	C5(Carbamidomethyl)	51	8.61E-05	2	1423.640	-1.88	Male reproductive organs	X:+:7240807-7240842	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_14629	GLFIIDPAGVVR	AGAP000396-PA	-	76	1.59E-07	2	1256.736	0.03	Head	X:+:7240687-7240722	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_15030	HGEVCPANWEPK	AGAP000396-PA	C5(Carbamidomethyl)	45	0.000350287	1	1423.643	0.6	Ovary	X:+:7240807-7240842	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_16386	SNAATIKPNPK	AGAP000396-PA	-	52	4.65E-05	2	1140.638	0.9	Visceras	X:+:7240843-7240875	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_17720	QITINDLPVGR	AGAP000396-PA	-	63	2.62E-06	1	1225.690	0.01	Male reproductive organs	X:+:7240723-7240755	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_18791	GLFIIDPAGVVR	AGAP000396-PA	-	90	5.46E-09	2	1256.733	-2.69	Midgut	X:+:7240687-7240722	exon=> In CDS Exon 3 of transcript AGAP000396-PA

JHU_Ag_24067	ISADYGVLLPDGISLR	AGAP000396-PA	-	67	1.88E-06	2	1688.923	0.48	Midgut	X:+:7240639-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_25385	AFQFVEK	AGAP000396-PA	-	52	5.62E-05	1	868.458	2.02	Visceras	X:+:7240786-7240806	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_25707	AGGLGKLEYPLLADLTK	AGAP000396-PA	-	79	3.21E-08	1	1759.006	3.12	Visceras	X:+:7240585-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_25974	GLFIIDPAGVVR	AGAP000396-PA	-	67	1.15E-06	1	1256.737	0.71	Ovary	X:+:7240687-7240722	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_27070	SNAATIKPNPK	AGAP000396-PA	-	44	0.000297045	1	1140.637	-0.27	Ovary	X:+:7240843-7240875	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_29736	QITINDLPVGR	AGAP000396-PA	-	48	8.01E-05	2	1225.692	1.41	Visceras	X:+:7240723-7240755	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_32960	GLFIIDPAGVVR	AGAP000396-PA	-	68	9.73E-07	2	1256.737	0.23	Male reproductive organs	X:+:7240687-7240722	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_34583	ELNTEVVGVSVDSHFSHLAWINTPR	AGAP000396-PA	-	135	3.32E-13	1	2807.407	-1.68	Midgut	X:+:7240507-7240581	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_42651	AGGLGKLEYPLLADLTK	AGAP000396-PA	-	48	4.24E-05	1	1759.002	1.14	Male reproductive organs	X:+:7240585-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_43579	LEYPLLADLTK	AGAP000396-PA	-	82	4.56E-08	1	1275.719	-0.58	Salivary gland	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_46561	AFQFVEK	AGAP000396-PA	-	38	0.001136651	1	868.457	0.2	Head	X:+:7240786-7240806	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_47578	LEYPLLADLTK	AGAP000396-PA	-	53	3.33E-05	2	1275.720	0.09	Male reproductive organs	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_48715	SNAATIKPNPK	AGAP000396-PA	-	60	7.13E-06	1	1140.637	-0.27	Head	X:+:7240843-7240875	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_49411	LEYPLLADLTKR	AGAP000396-PA	-	50	3.26E-05	2	1431.821	0.14	Male reproductive organs	X:+:7240603-7240638	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_53841	HGEVCPANWEPK	AGAP000396-PA	C5(Carbamidomethyl)	77	2.17E-07	1	1423.640	-1.54	Head	X:+:7240807-7240842	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_55463	RISADYGVLLPDGISLR	AGAP000396-PA	-	32	0.002959098	1	1845.027	1.93	Ovary	X:+:7240636-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_57628	HGEVCPANWEPK	AGAP000396-PA	C5(Carbamidomethyl)	79	1.02E-07	1	1423.625	-12.34	Malpighian tubule	X:+:7240807-7240842	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_65854	QITINDLPVGR	AGAP000396-PA	-	59	6.96E-06	2	1225.689	-0.98	Midgut	X:+:7240723-7240755	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_66452	QITINDLPVGR	AGAP000396-PA	-	55	1.89E-05	1	1225.690	-0.09	Salivary gland	X:+:7240723-7240755	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_67708	LEYPLLADLTK	AGAP000396-PA	-	37	0.001204115	2	1275.726	5.07	Larva	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_68466	LEYPLLADLTK	AGAP000396-PA	-	102	4.22E-10	1	1275.720	0.57	Ovary	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_70313	RISADYGVLLPDGISLR	AGAP000396-PA	-	42	0.00037542	2	1845.022	-0.77	Midgut	X:+:7240636-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_77223	AGGLGKLEYPLLADLTK	AGAP000396-PA	-	95	7.61E-10	1	1759.008	4.58	Malpighian tubule	X:+:7240585-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_84393	ISADYGVLLPDGISLR	AGAP000396-PA	-	88	1.23E-08	1	1688.922	0.19	Ovary	X:+:7240639-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_87031	ISADYGVLLPDGISLR	AGAP000396-PA	-	78	1.30E-07	2	1688.930	4.6	Malpighian tubule	X:+:7240639-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_88044	ELNTEVVGVSVDSHFSHLAWINTPR	AGAP000396-PA	-	180	1.06E-17	1	2807.418	2.5	Visceras	X:+:7240507-7240581	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_89309	AFQFVEK	AGAP000396-PA	-	49	0.0001088	2	868.456	-0.31	Male reproductive organs	X:+:7240786-7240806	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_89442	HGEVCPANWEPK	AGAP000396-PA	C5(Carbamidomethyl)	71	8.19E-07	1	1423.640	-1.88	Visceras	X:+:7240807-7240842	exon=> In CDS Exon 3 of transcript AGAP000396-PA

JHU_Ag_91379	QITINDLPVGR	AGAP000396-PA	-	64	2.07E-06	1	1225.693	2.7	Malpighian tubule	X:+:7240723-7240755	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_92304	AFQFVEK	AGAP000396-PA	-	35	0.002831979	1	868.455	-1.21	Midgut	X:+:7240786-7240806	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_92799	ISADYGVLLPDGISLR	AGAP000396-PA	-	60	8.89E-06	2	1688.926	2.22	Head	X:+:7240639-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_93295	ELNTEVVGVSVDSHFSHLAWINTPR	AGAP000396-PA	-	68	1.71E-06	1	2807.410	-0.33	Ovary	X:+:7240507-7240581	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_96518	HGEVCPANWEPK	AGAP000396-PA	C5(Carbamidomethyl)	82	6.46E-08	1	1423.640	-1.71	Midgut	X:+:7240807-7240842	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_96532	ISADYGVLLPDGISLR	AGAP000396-PA	-	57	1.61E-05	2	1688.923	0.92	Male reproductive organs	X:+:7240639-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_98134	LEYPLLADLTKR	AGAP000396-PA	-	39	0.000392484	1	1431.825	3.04	Visceras	X:+:7240603-7240638	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_99640	AFQFVEK	AGAP000396-PA	-	37	0.001566281	1	868.458	1.52	Ovary	X:+:7240786-7240806	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_100682	LEYPLLADLTKR	AGAP000396-PA	-	65	8.47E-07	1	1431.823	1.53	Ovary	X:+:7240603-7240638	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_102131	ELNTEVVGVSVDSHFSHLAWINTPR	AGAP000396-PA	-	145	3.41E-14	1	2807.416	1.67	Head	X:+:7240507-7240581	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_104072	LEYPLLADLTK	AGAP000396-PA	-	102	4.21E-10	1	1275.720	0.48	Head	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_105085	ELNTEVVGVSVDSHFSHLAWINTPR	AGAP000396-PA	-	69	1.38E-06	1	2807.417	2.11	Malpighian tubule	X:+:7240507-7240581	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_106283	AFQFVEK	AGAP000396-PA	-	47	0.000168993	1	868.458	1.59	Malpighian tubule	X:+:7240786-7240806	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_107268	GLFIIDPAGVVR	AGAP000396-PA	-	68	1.04E-06	2	1256.736	-0.26	Salivary gland	X:+:7240687-7240722	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_107763	GLFIIDPAGVVR	AGAP000396-PA	-	76	1.87E-07	2	1256.739	1.88	Visceras	X:+:7240687-7240722	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_108685	SNAATIKPNPK	AGAP000396-PA	-	48	0.000117712	2	1140.637	-0.6	Salivary gland	X:+:7240843-7240875	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_114441	LEYPLLADLTK	AGAP000396-PA	-	102	4.66E-10	1	1275.724	3.25	Visceras	X:+:7240603-7240635	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_117259	ISADYGVLLPDGISLR	AGAP000396-PA	-	71	7.50E-07	1	1688.921	-0.53	Salivary gland	X:+:7240639-7240686	exon=> In CDS Exon 3 of transcript AGAP000396-PA
JHU_Ag_47914	RYPDLATVVLLK	AGAP000397-PA	-	30	0.001804149	1	1387.833	1.79	Ovary	X:-:7244011-7243976	exon=> In CDS Exon 2 of transcript AGAP000397-PA
JHU_Ag_117700	GLLLVTTVLECAEHSKR	AGAP000397-PA	C11(Carbamidomethyl)	37	0.001225547	1	1926.050	1.12	Ovary	X:-:7243855-7243805	exon=> In CDS Exon 2 of transcript AGAP000397-PA
JHU_Ag_564	LFVGGLSWETSDKELK	AGAP000399-PB,AGAP000399-PA	-	39	0.001762828	1	1808.943	-0.08	Ovary	X:-:7263133-7263137,7261868-7262132;X:-:7263133-7263137,7261868-7262132	exon=> In CDS Exon 3 and 2 of transcript AGAP000399-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000399-PA
JHU_Ag_1825	IFVGGLTSEISDEEIKTFFGQFGNIVEVEMPFDK	AGAP000399-PB,AGAP000399-PA	M30(Oxidation)	250	9.42E-25	1	3838.877	-0.06	Ovary	X:-:7261939-7262142,7261306-7261541;X:-:7261939-7262142,7261306-7261541	exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PA

JHU_Ag_2703	LFVGGLSWETSDK	AGAP000399-PB,AGAP000399-PA	-	71	1.11E-06	2	1438.723	1.2	Ovary	X:-:7263133-7263137,7261868-7262141;X:-:7263133-7263137,7261868-7262141	exon=> In CDS Exon 3 and 2 of transcript AGAP000399-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000399-PA
JHU_Ag_3187	GFCFITFDSEQVVNELLK	AGAP000399-PB,AGAP000399-PA	C3(Carbamidomethyl)	85	4.86E-08	1	2146.056	1.64	Malpighian tubule	X:-:7261522-7261469;X:-:7261522-7261469	exon=> In CDS Exon 4 of transcript AGAP000399-PB;exon=> In CDS Exon 4 of transcript AGAP000399-PA
JHU_Ag_8684	IFVGGLTSEISDEEIK	AGAP000399-PB,AGAP000399-PA	-	126	2.98E-12	1	1736.899	2.08	Malpighian tubule	X:-:7261939-7261892;X:-:7261939-7261892	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_10295	VVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	N10(Deamidated)	95	2.43E-09	1	1308.727	0.11	Ovary	X:-:7262014-7261979;X:-:7262014-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_14286	TFFGQFGNIVEVEMPFDK	AGAP000399-PB,AGAP000399-PA	-	87	3.14E-08	1	2105.004	-0.36	Salivary gland	X:-:7261891-7262142,7261306-7261541;X:-:7261891-7262142,7261306-7261541	exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PA
JHU_Ag_17916	EHFSQYGDIESINVK	AGAP000399-PB,AGAP000399-PA	-	79	2.05E-07	2	1765.844	2.8	Midgut	X:-:7262131-7262087;X:-:7262131-7262087	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_21118	EHFSQYGDIESINVK	AGAP000399-PB,AGAP000399-PA	-	117	3.53E-11	1	1765.841	1.28	Head	X:-:7262131-7262087;X:-:7262131-7262087	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_21794	ELKEHFSQYGDIESINVK	AGAP000399-PB,AGAP000399-PA	-	96	4.02E-09	1	2136.059	-0.81	Ovary	X:-:7262140-7262087;X:-:7262140-7262087	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_24804	IFVGGLTSEISDEEIK	AGAP000399-PB,AGAP000399-PA	-	118	2.22E-11	2	1736.896	0.6	Midgut	X:-:7261939-7261892;X:-:7261939-7261892	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_31164	VVAVSEHVINNKK	AGAP000399-PB,AGAP000399-PA	-	46	5.83E-05	1	1436.823	0.93	Ovary	X:-:7262014-7261976;X:-:7262014-7261976	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_35016	VVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	99	9.08E-10	1	1308.726	-0.64	Head	X:-:7262014-7261979;X:-:7262014-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_38504	SADSIDKVVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	111	8.45E-11	1	2025.061	0.06	Midgut	X:-:7262035-7261979;X:-:7262035-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_38981	SADSIDKVVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	155	3.45E-15	1	2025.066	2.59	Malpighian tubule	X:-:7262035-7261979;X:-:7262035-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA

JHU_Ag_39709	GFCFITFDSEQVVNELLK	AGAP000399-PB,AGAP000399-PA	C3(Carbamidomethyl)	124	5.55E-12	1	2146.050	-1.27	Ovary	X:-:7261522-7261469;X:-:7261522-7261469	exon=> In CDS Exon 4 of transcript AGAP000399-PB;exon=> In CDS Exon 4 of transcript AGAP000399-PA
JHU_Ag_44006	IFVGGLTSEISDEEIK	AGAP000399-PB,AGAP000399-PA	-	127	2.37E-12	1	1736.899	2.08	Head	X:-:7261939-7261892;X:-:7261939-7261892	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_48221	SADSIDKVVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	137	2.51E-13	1	2025.061	-0.31	Male reproductive organs	X:-:7262035-7261979;X:-:7262035-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_50115	TFFGQFGNIVEVEMPFDK	AGAP000399-PB,AGAP000399-PA	M14(Oxidation)	142	8.89E-14	1	2120.999	-0.37	Malpighian tubule	X:-:7261891-7262142,7261306-7261541;X:-:7261891-7262142,7261306-7261541	exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PA
JHU_Ag_51477	TFFGQFGNIVEVEMPFDK	AGAP000399-PB,AGAP000399-PA	M14(Oxidation)	137	3.51E-13	1	2121.005	2.39	Ovary	X:-:7261891-7262142,7261306-7261541;X:-:7261891-7262142,7261306-7261541	exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PA
JHU_Ag_52897	IFVGGLTSEISDEEIK	AGAP000399-PB,AGAP000399-PA	-	71	1.15E-06	2	1736.897	1.1	Pupa	X:-:7261939-7261892;X:-:7261939-7261892	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_58216	TFFGQFGNIVEVEMPFDK	AGAP000399-PB,AGAP000399-PA	M14(Oxidation)	92	1.01E-08	1	2121.009	4.46	Larva	X:-:7261891-7262142,7261306-7261541;X:-:7261891-7262142,7261306-7261541	exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP000399-PA
JHU_Ag_62164	EHFSQYGDIESINVK	AGAP000399-PB,AGAP000399-PA	-	87	3.54E-08	1	1765.840	0.55	Ovary	X:-:7262131-7262087;X:-:7262131-7262087	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_65046	IFVGGLTSEISDEEIK	AGAP000399-PB,AGAP000399-PA	-	97	2.36E-09	2	1736.908	7	Larva	X:-:7261939-7261892;X:-:7261939-7261892	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_67113	KGFCFITFDSEQVVNELLK	AGAP000399-PB,AGAP000399-PA	C4(Carbamidomethyl)	116	3.62E-11	1	2274.147	-0.09	Ovary	X:-:7261525-7261469;X:-:7261525-7261469	exon=> In CDS Exon 4 of transcript AGAP000399-PB;exon=> In CDS Exon 4 of transcript AGAP000399-PA
JHU_Ag_71058	EHFSQYGDIESINVK	AGAP000399-PB,AGAP000399-PA	-	85	5.18E-08	2	1765.841	1.28	Malpighian tubule	X:-:7262131-7262087;X:-:7262131-7262087	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_72857	SADSIDKVVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	171	1.00E-16	1	2025.062	0.33	Ovary	X:-:7262035-7261979;X:-:7262035-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA

JHU_Ag_91245	LFVGGLSWETSDK	AGAP000399-PB,AGAP000399-PA	-	42	0.000959243	2	1438.726	2.98	Head	X:-:7263133-7263137,7261868-7262141;X:-:7263133-7263137,7261868-7262141	exon=> In CDS Exon 3 and 2 of transcript AGAP000399-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000399-PA
JHU_Ag_91812	VVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	70	7.93E-07	1	1308.728	0.76	Malpighian tubule	X:-:7262014-7261979;X:-:7262014-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_95546	SADSIDKVVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	151	8.80E-15	1	2025.063	0.69	Head	X:-:7262035-7261979;X:-:7262035-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_102760	IFVGGLTSEISDEEIK	AGAP000399-PB,AGAP000399-PA	-	131	9.83E-13	1	1736.895	-0.17	Ovary	X:-:7261939-7261892;X:-:7261939-7261892	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_111223	SADSIDKVVAVSEHVINNK	AGAP000399-PB,AGAP000399-PA	-	43	0.000457272	1	2025.071	4.76	Salivary gland	X:-:7262035-7261979;X:-:7262035-7261979	exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_111871	LLPDETAQTVGDAGDGK	AGAP000400-PA	-	129	1.98E-12	1	1686.822	2.16	Head	X:+:7273229-7273279	exon=> In CDS Exon 1 of transcript AGAP000400-PA
JHU_Ag_1724	DILSPAPAGGASTNGSVLGGGVGNK	AGAP000403-PA	N14(Deamidated)	73	5.67E-07	2	2196.128	0.96	Ovary	X:-:7290069-7289995	exon=> In CDS Exon 2 of transcript AGAP000403-PA
JHU_Ag_3888	YQDVYTDDELDEAGDR	AGAP000403-PA	-	130	2.78E-13	1	1903.787	1.92	Head	X:-:7291323-7291276	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_12365	YQDVYTDDELDEAGDR	AGAP000403-PA	-	85	1.15E-08	2	1903.789	3.27	Midgut	X:-:7291323-7291276	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_16811	KYYVHNDIFR	AGAP000403-PA	-	39	0.001589893	1	1354.692	1.14	Ovary	X:-:7291353-7291324	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_21901	YYVHNDIFR	AGAP000403-PA	-	64	4.92E-06	1	1226.591	-3.81	Head	X:-:7291350-7291324	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_31670	SVGGGATDAGGSAAAAVAAVLLSSSTVDPQGLK	AGAP000403-PA	-	54	3.74E-05	3	2885.487	0.58	Ovary	X:-:7290819-7290721	exon=> In CDS Exon 2 of transcript AGAP000403-PA
JHU_Ag_32147	APDFLHR	AGAP000403-PA	-	48	0.000101371	2	855.451	3.91	Ovary	X:-:7291638-7291618	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_33833	FTQTFVLAAQSPK	AGAP000403-PA	-	96	1.99E-09	1	1437.780	4.43	Malpighian tubule	X:-:7291392-7291354	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_36541	YQDVYTDDELDEAGDR	AGAP000403-PA	-	131	3.31E-13	1	1903.789	3.33	Ovary	X:-:7291323-7291276	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_39389	SGGGAGSGQSRPPGGQGVGASNR	AGAP000403-PA	-	44	0.000559665	1	1997.949	-0.14	Ovary	X:-:7288753-7288685	exon=> In CDS Exon 4 of transcript AGAP000403-PA
JHU_Ag_40393	YQDVYTDDELDEAGDR	AGAP000403-PA	-	75	9.94E-08	2	1903.784	0.64	Male reproductive organs	X:-:7291323-7291276	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_41952	QGSSAQFGDNHQLFLGNIPHHATEEELK	AGAP000403-PA	-	102	9.11E-10	1	3104.503	6.65	Ovary	X:-:7289631-7289548	exon=> In CDS Exon 3 of transcript AGAP000403-PA
JHU_Ag_44282	ISQVDSQATLGNGVVVQVTGELSNDGQPMRR	AGAP000403-PA	M29(Oxidation)	94	3.55E-09	1	3271.639	1.55	Ovary	X:-:7291485-7291393	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_51973	FYNNSSSFVHGGLDAK	AGAP000403-PA	-	45	0.000396616	1	1742.814	0.66	Salivary gland	X:-:7291617-7291570	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_52890	KYYVHNDIFR	AGAP000403-PA	-	36	0.003152417	1	1354.695	3.61	Malpighian tubule	X:-:7291353-7291324	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_56172	DILSPAPAGGASTNGSVLGGGVGNK	AGAP000403-PA	N14(Deamidated)	125	3.82E-12	1	2196.130	1.85	Head	X:-:7290069-7289995	exon=> In CDS Exon 2 of transcript AGAP000403-PA

JHU_Ag_58084	VMDAQPSPQNVGREFVR	AGAP000403-PA	M2(Oxidation)	48	0.000284127	1	1945.963	4.34	Malpighian tubule	X:-:7291713-7291663	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_65289	SQEATLVIGQK	AGAP000403-PA	-	62	9.63E-06	1	1173.651	2.87	Ovary	X:-:7291569-7291537	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_67484	FTQTFVLAAQSPK	AGAP000403-PA	-	55	2.96E-05	2	1437.778	3.16	Salivary gland	X:-:7291392-7291354	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_73026	QQQQPQQQPPVSLEPK	AGAP000403-PA	-	66	3.36E-06	1	1859.967	3.1	Malpighian tubule	X:-:7290348-7290301	exon=> In CDS Exon 2 of transcript AGAP000403-PA
JHU_Ag_73084	VMDAQPSPQNVGR	AGAP000403-PA	M2(Oxidation)	38	0.001875901	2	1414.676	1	Ovary	X:-:7291713-7291675	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_85054	YYVHNDIFR	AGAP000403-PA	-	54	3.55E-05	2	1226.582	-11.18	Malpighian tubule	X:-:7291350-7291324	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_92394	FTQTFVLAAQSPK	AGAP000403-PA	-	71	8.04E-07	1	1437.769	-2.95	Midgut	X:-:7291392-7291354	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_98530	SGGGAGSGQSRPPGGQGVGASNR	AGAP000403-PA	-	51	0.000131795	1	1997.958	3.98	Malpighian tubule	X:-:7288753-7288685	exon=> In CDS Exon 4 of transcript AGAP000403-PA
JHU_Ag_99232	SHQQHSHSQQLHSK	AGAP000403-PA	-	39	0.002266986	1	1668.800	2.84	Ovary	X:-:7290423-7290382	exon=> In CDS Exon 2 of transcript AGAP000403-PA
JHU_Ag_99861	FGTVVDLR	AGAP000403-PA	-	57	2.77E-05	2	906.506	2.08	Salivary gland	X:-:7289532-7289509	exon=> In CDS Exon 3 of transcript AGAP000403-PA
JHU_Ag_102807	FYNNSSSFVHGGLDAK	AGAP000403-PA	-	60	1.19E-05	1	1742.820	3.96	Ovary	X:-:7291617-7291570	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_103072	HQPSEGDTLSMGDASATPAGGDELGHDLEK	AGAP000403-PA	M11(Oxidation)	89	8.25E-09	1	3038.326	-0.6	Head	X:-:7290531-7290442	exon=> In CDS Exon 2 of transcript AGAP000403-PA
JHU_Ag_107278	DILSPAPAGGASTNGSVLGGGVGNK	AGAP000403-PA	N24(Deamidated),N14(Deamidated)	66	3.38E-06	2	2197.115	2.23	Salivary gland	X:-:7290069-7289995	exon=> In CDS Exon 2 of transcript AGAP000403-PA
JHU_Ag_107975	VMDAQPSPQNVGR	AGAP000403-PA	M2(Oxidation)	78	2.08E-07	2	1414.678	2.21	Malpighian tubule	X:-:7291713-7291675	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_108909	QQQGGVAGFGK	AGAP000403-PA	-	45	0.000685834	2	1076.552	2.94	Ovary	X:-:7290381-7290349	exon=> In CDS Exon 2 of transcript AGAP000403-PA
JHU_Ag_110139	YQDVYTDDELDEAGDR	AGAP000403-PA	-	79	3.48E-08	2	1903.780	-1.54	Malpighian tubule	X:-:7291323-7291276	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_110541	QYYTLLNKAPDFLHR	AGAP000403-PA	-	55	3.23E-05	1	1878.994	4.41	Ovary	X:-:7291662-7291618	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_114153	FTQTFVLAAQSPK	AGAP000403-PA	-	90	8.44E-09	2	1437.774	0.36	Ovary	X:-:7291392-7291354	exon=> In CDS Exon 1 of transcript AGAP000403-PA
JHU_Ag_117188	FGTVVDLR	AGAP000403-PA	-	42	0.000781873	2	906.504	-0.42	Ovary	X:-:7289532-7289509	exon=> In CDS Exon 3 of transcript AGAP000403-PA
JHU_Ag_27066	EFDVLQEFFSPLR	AGAP000405-PA	-	49	0.00017321	2	1626.820	2.49	Salivary gland	X:-:7303079-7303041	exon=> In CDS Exon 3 of transcript AGAP000405-PA
JHU_Ag_76450	YTLLLFR	AGAP000405-PA	-	42	0.000214931	2	925.549	-1.19	Salivary gland	X:-:7300330-7300310	exon=> In CDS Exon 6 of transcript AGAP000405-PA
JHU_Ag_10237	LLNNEEANMQEVK	AGAP000406-PA	M9(Oxidation)	40	0.001735459	2	1547.739	1.2	Malpighian tubule	X:+:7313300-7313338	exon=> In CDS Exon 3 of transcript AGAP000406-PA
JHU_Ag_27025	SLATDITSLR	AGAP000406-PA	-	42	0.000622307	1	1076.595	0.33	Ovary	X:+:7311371-7311400	exon=> In CDS Exon 3 of transcript AGAP000406-PA
JHU_Ag_60883	SSNAVGTPDYISPEVLQFQGVK	AGAP000406-PA	-	49	0.000160297	2	2336.185	3.49	Malpighian tubule	X:+:7311881-7311946	exon=> In CDS Exon 3 of transcript AGAP000406-PA
JHU_Ag_41371	QQHDFQLLDSLR	AGAP000407-PA	-	36	0.003517113	3	1499.754	-3.89	Head	X:-:7326972-7326937	exon=> In CDS Exon 4 of transcript AGAP000407-PA
JHU_Ag_17418	IAEEAAQQRER	AGAP000410-PA	Q7(Deamidated),Q8(Deamidated)	33	0.007274314	1	1301.659	10.86	Salivary gland	X:+:7359947-7359979	exon=> In CDS Exon 4 of transcript AGAP000410-PA
JHU_Ag_24272	LQTFLIQK	AGAP000410-PA	-	33	0.00191559	1	990.597	-1.06	Head	X:+:7360055-7360060,7360158-7360175	exon=> In CDS Exon 4 and 5 of transcript AGAP000410-PA

JHU_Ag_47092	LQTFLIQK	AGAP000410-PA	-	33	0.001735012	1	990.598	-0.51	Midgut	X:+:7360055-7360060,7360158-7360175	exon=> In CDS Exon 4 and 5 of transcript AGAP000410-PA
JHU_Ag_48491	IAEEAAQQRER	AGAP000410-PA	Q7(Deamidated),Q8(Deamidated)	39	0.001912493	1	1301.663	13.95	Pupa	X:+:7359947-7359979	exon=> In CDS Exon 4 of transcript AGAP000410-PA
JHU_Ag_81625	ALLGESTSSIAPSELARPPCQAAVETLQK	AGAP000410-PA	C20(Carbamidomethyl)	132	5.48E-13	1	3024.571	1.41	Head	X:+:7368240-7368326	exon=> In CDS Exon 13 of transcript AGAP000410-PA
JHU_Ag_115273	IAEEAAQQRER	AGAP000410-PA	Q7(Deamidated),Q8(Deamidated)	34	0.006023426	1	1301.659	11.14	Midgut	X:+:7359947-7359979	exon=> In CDS Exon 4 of transcript AGAP000410-PA
JHU_Ag_20200	WLQGFSFSDCEPSALVQR	AGAP000412-PA	C10(Carbamidomethyl)	65	4.35E-06	2	2127.006	4.42	Visceras	X:+:7386552-7386561,7386664-7386707	exon=> In CDS Exon 1 and 2 of transcript AGAP000412-PA
JHU_Ag_28386	DGGPCCVIAPVQAYLLK	AGAP000412-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	48	0.000246838	1	1860.943	4.53	Malpighian tubule	X:+:7386708-7386758	exon=> In CDS Exon 2 of transcript AGAP000412-PA
JHU_Ag_37401	TVSEQIASLLWGGK	AGAP000412-PA	-	73	5.18E-07	2	1488.813	4.74	Salivary gland	X:+:7386486-7386527	exon=> In CDS Exon 1 of transcript AGAP000412-PA
JHU_Ag_54613	LVSPETPGELAR	AGAP000412-PA	-	48	0.000131772	2	1268.686	1.39	Head	X:+:7390202-7390237	exon=> In CDS Exon 4 of transcript AGAP000412-PA
JHU_Ag_65694	TVSEQIASLLWGGK	AGAP000412-PA	-	77	1.84E-07	2	1488.812	4.08	Malpighian tubule	X:+:7386486-7386527	exon=> In CDS Exon 1 of transcript AGAP000412-PA
JHU_Ag_77091	RLVSPETPGELAR	AGAP000412-PA	-	66	1.72E-06	1	1424.789	2.58	Malpighian tubule	X:+:7390199-7390237	exon=> In CDS Exon 4 of transcript AGAP000412-PA
JHU_Ag_91749	STPDTFDLLHYNGIPNSNYGSVVQYSR	AGAP000412-PA	-	70	1.28E-06	1	3044.452	4.46	Head	X:+:7390817-7390897	exon=> In CDS Exon 5 of transcript AGAP000412-PA
JHU_Ag_102241	TVSEQIASLLWGGK	AGAP000412-PA	-	57	2.17E-05	2	1488.810	2.93	Ovary	X:+:7386486-7386527	exon=> In CDS Exon 1 of transcript AGAP000412-PA
JHU_Ag_1361	ISVCGTISNYNAER	AGAP000414-PA	C4(Carbamidomethyl)	107	3.18E-10	1	1583.748	0.03	Midgut	X:+:7403990-7404031	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_7753	YQETVTDGFEQMPAAFVSMLTGGNTGK	AGAP000414-PA	M12(Oxidation), M19(Oxidation)	54	4.43E-05	3	2911.308	-1.42	Midgut	X:+:7404170-7404250	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_8249	ELGFDATINYR	AGAP000414-PA	-	64	4.75E-06	1	1298.638	0.02	Midgut	X:+:7403828-7403860	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_19872	ISVCGTISNYNAER	AGAP000414-PA	C4(Carbamidomethyl)	98	2.57E-09	1	1583.746	-1.66	Ovary	X:+:7403990-7404031	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_23843	QNLQWIEEGR	AGAP000414-PA	-	68	2.28E-06	2	1272.633	-0.25	Midgut	X:+:7404134-7404163	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_33486	QGETVVVSGAAGAVGSLVGQIAK	AGAP000414-PA	-	120	5.12E-12	1	2098.152	0.61	Midgut	X:+:7403699-7403767	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_34814	KWIYAKPFEGLPK	AGAP000414-PA	-	54	1.92E-05	2	1576.889	0.18	Midgut	X:+:7403198-7403236	exon=> In CDS Exon 1 of transcript AGAP000414-PA
JHU_Ag_38929	ELGFDATINYR	AGAP000414-PA	-	72	8.34E-07	2	1298.639	1.43	Ovary	X:+:7403828-7403860	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_39409	VVGIAGSDDK	AGAP000414-PA	-	47	0.00042965	1	960.500	0.24	Midgut	X:+:7403783-7403812	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_50576	LFVFK	AGAP000414-PA	-	30	0.001279214	1	653.402	-0.34	Midgut	X:+:7404056-7404070	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_51635	QGETVVVSGAAGAVGSLVGQIAK	AGAP000414-PA	-	116	1.39E-11	1	2098.147	-1.64	Ovary	X:+:7403699-7403767	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_64825	QNLQWIEEGR	AGAP000414-PA	-	60	1.39E-05	2	1272.635	1.28	Pupa	X:+:7404134-7404163	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_77840	WIYAKPFEGLPK	AGAP000414-PA	-	66	2.13E-06	1	1448.794	0.03	Midgut	X:+:7403201-7403236	exon=> In CDS Exon 1 of transcript AGAP000414-PA
JHU_Ag_82678	ISVCGTISNYNAER	AGAP000414-PA	C4(Carbamidomethyl)	93	7.40E-09	1	1583.750	1.04	Malpighian tubule	X:+:7403990-7404031	exon=> In CDS Exon 2 of transcript AGAP000414-PA
JHU_Ag_93736	DAFADALR	AGAP000414-PA	-	39	0.002073186	2	878.436	-0.65	Pupa	X:+:7403873-7403896	exon=> In CDS Exon 2 of transcript AGAP000414-PA

JHU_Ag_4917	VSTGITDGDGRFR	AGAP000415-PA	-	38	0.002597274	1	1380.689	1.86	Malpighian tubule	X:-:7404766-7404728	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_5888	GKPAPEVPVTLYVR	AGAP000415-PA	-	67	9.07E-07	1	1525.874	0.19	Ovary	X:-:7404832-7404791	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_15479	LHFDVGPYFR	AGAP000415-PA	-	50	0.000137671	1	1250.635	2.97	Midgut	X:-:7404679-7404650	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_15578	LHFDVGPYFR	AGAP000415-PA	-	63	7.25E-06	1	1250.635	2.87	Malpighian tubule	X:-:7404679-7404650	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_22725	SFFADGQPGLAAGVYK	AGAP000415-PA	-	82	9.58E-08	2	1627.814	1.66	Malpighian tubule	X:-:7404727-7404680	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_32115	GKPAPEVPVTLYVR	AGAP000415-PA	-	81	3.11E-08	1	1525.876	1.72	Malpighian tubule	X:-:7404832-7404791	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_48784	VSTGITDGDGR	AGAP000415-PA	-	65	4.59E-06	2	1077.517	-0.13	Ovary	X:-:7404766-7404734	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_86605	LHFDVGPYFR	AGAP000415-PA	-	47	0.000337209	1	1250.632	0.25	Ovary	X:-:7404679-7404650	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_88190	GKPAPEVPVTLYVR	AGAP000415-PA	-	35	0.001375273	2	1525.874	0.44	Head	X:-:7404832-7404791	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_115098	SFFADGQPGLAAGVYKLHFDVGPYFR	AGAP000415-PA	-	66	2.88E-06	1	2859.441	5.28	Malpighian tubule	X:-:7404727-7404650	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_116154	GKPAPEVPVTLYVR	AGAP000415-PA	-	55	1.21E-05	1	1525.877	2.2	Visceras	X:-:7404832-7404791	exon=> In CDS Exon 1 of transcript AGAP000415-PA
JHU_Ag_2864	VHQPAVQAYVGKGTPLETMQALR	AGAP000416-PA,AGAP000416-PB	M19(Oxidation)	62	5.36E-06	1	2510.326	2.97	Malpighian tubule	X:-:7437183-7437115;X:-:7437183-7437115	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_3041	GTPLETMQALR	AGAP000416-PA,AGAP000416-PB	M7(Oxidation)	68	3.23E-06	1	1232.629	-1.48	Ovary	X:-:7437147-7437115;X:-:7437147-7437115	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_8842	GTPLETMQALR	AGAP000416-PA,AGAP000416-PB	M7(Oxidation)	41	0.001447092	2	1232.628	-2.28	Male reproductive organs	X:-:7437147-7437115;X:-:7437147-7437115	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_14039	QAAVIDPVEPAR	AGAP000416-PA,AGAP000416-PB	-	57	2.06E-05	2	1265.686	1.22	Visceras	X:-:7437813-7437778;X:-:7437813-7437778	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_14194	FFEGTPDQMYDALIGK	AGAP000416-PA,AGAP000416-PB	M9(Oxidation)	101	1.27E-09	1	1847.855	1.38	Ovary	X:-:7437435-7437388;X:-:7437435-7437388	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_14536	VGQDDTFAIGQLR	AGAP000416-PA,AGAP000416-PB	-	126	4.36E-12	1	1419.726	2.38	Malpighian tubule	X:-:7437597-7437559;X:-:7437597-7437559	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_15989	VHQPAVQAYVGK	AGAP000416-PA,AGAP000416-PB	-	31	0.007628371	2	1296.701	-3.55	Head	X:-:7437183-7437148;X:-:7437183-7437148	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_17393	AVFTGDTLFLAGCGR	AGAP000416-PA,AGAP000416-PB	C13(Carbamidomethyl)	38	0.002448236	2	1584.788	2.47	Head	X:-:7437480-7437436;X:-:7437480-7437436	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB

JHU_Ag_18504	VYCGHEYALQNLR	AGAP000416-PA,AGAP000416-PB	C3(Carbamidomethyl)	86	4.40E-08	1	1622.777	1.45	Malpighian tubule	X:-:7437360-7437322;X:-:7437360-7437322	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_23266	AVFTGDTLFLAGCGR	AGAP000416-PA,AGAP000416-PB	C13(Carbamidomethyl)	86	4.32E-08	1	1584.793	5.86	Malpighian tubule	X:-:7437480-7437436;X:-:7437480-7437436	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_24688	VHQPAVQAYVGK	AGAP000416-PA,AGAP000416-PB	-	50	7.41E-05	1	1296.707	1.07	Malpighian tubule	X:-:7437183-7437148;X:-:7437183-7437148	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_24909	QAAVIDPVEPAR	AGAP000416-PA,AGAP000416-PB	-	48	0.000145412	2	1265.684	-0.9	Midgut	X:-:7437813-7437778;X:-:7437813-7437778	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_30004	AQAADLEGR	AGAP000416-PA,AGAP000416-PB	-	31	0.007947418	1	930.460	-4.27	Head	X:-:7437267-7437241;X:-:7437267-7437241	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_31715	VGQDDTFAIGQLR	AGAP000416-PA,AGAP000416-PB	-	103	8.51E-10	1	1419.728	3.41	Midgut	X:-:7437597-7437559;X:-:7437597-7437559	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_32806	VGQDDTFAIGQLR	AGAP000416-PA,AGAP000416-PB	-	103	8.28E-10	1	1419.726	2.12	Salivary gland	X:-:7437597-7437559;X:-:7437597-7437559	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_33907	QAAVIDPVEPAR	AGAP000416-PA,AGAP000416-PB	-	49	0.000142352	2	1265.685	0.26	Head	X:-:7437813-7437778;X:-:7437813-7437778	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_34125	VHQPAVQAYVGK	AGAP000416-PA,AGAP000416-PB	-	81	7.24E-08	1	1296.704	-1.38	Ovary	X:-:7437183-7437148;X:-:7437183-7437148	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_36894	QHADWGQLTVYGGDDERIPGLTNR	AGAP000416-PA,AGAP000416-PB	-	86	4.19E-08	1	2698.296	-0.35	Midgut	X:-:7437669-7437598;X:-:7437669-7437598	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_42869	LSALPDDTRVYCGHEYALQNLR	AGAP000416-PA,AGAP000416-PB	C12(Carbamidomethyl)	70	1.24E-06	1	2591.276	3.53	Malpighian tubule	X:-:7437387-7437322;X:-:7437387-7437322	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_48223	LSALPDDTR	AGAP000416-PA,AGAP000416-PB	-	41	0.001002601	2	987.510	-0.8	Ovary	X:-:7437387-7437361;X:-:7437387-7437361	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_51622	ALVPSTIGQEK	AGAP000416-PA,AGAP000416-PB	-	41	0.000910769	1	1142.642	0.45	Malpighian tubule	X:-:7437237-7437205;X:-:7437237-7437205	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_54897	QAAVIDPVEPAR	AGAP000416-PA,AGAP000416-PB	-	54	4.03E-05	2	1265.686	0.55	Malpighian tubule	X:-:7437813-7437778;X:-:7437813-7437778	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB

JHU_Ag_56660	FGHQVEPDNADTR	AGAP000416-PA,AGAP000416-PB	-	44	0.000371542	1	1485.673	0.52	Midgut	X:-:7437321-7437283;X:-:7437321-7437283	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_58118	AVFTGDTLFLAGCGR	AGAP000416-PA,AGAP000416-PB	C13(Carbamidomethyl)	60	1.44E-05	2	1584.787	2.16	Male reproductive organs	X:-:7437480-7437436;X:-:7437480-7437436	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_59360	VHQPAVQAYVGK	AGAP000416-PA,AGAP000416-PB	-	33	0.003867071	1	1296.705	-0.35	Visceras	X:-:7437183-7437148;X:-:7437183-7437148	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_62395	FFEGTPDQMYDALIGK	AGAP000416-PA,AGAP000416-PB	M9(Oxidation)	67	2.62E-06	2	1831.857	0.08	Midgut	X:-:7437435-7437388;X:-:7437435-7437388	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_62785	AVFTGDTLFLAGCGR	AGAP000416-PA,AGAP000416-PB	C13(Carbamidomethyl)	84	6.10E-08	2	1584.787	2.16	Visceras	X:-:7437480-7437436;X:-:7437480-7437436	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_64220	VGQDDTFAIGQLR	AGAP000416-PA,AGAP000416-PB	-	103	8.54E-10	1	1419.725	1.26	Pupa	X:-:7437597-7437559;X:-:7437597-7437559	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_67036	FGHQVEPDNADTR	AGAP000416-PA,AGAP000416-PB	-	40	0.000932499	2	1485.676	2.57	Pupa	X:-:7437321-7437283;X:-:7437321-7437283	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_71164	FGHQVEPDNADTR	AGAP000416-PA,AGAP000416-PB	-	61	6.62E-06	1	1485.674	1.42	Malpighian tubule	X:-:7437321-7437283;X:-:7437321-7437283	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_74319	VGQDDTFAIGQLR	AGAP000416-PA,AGAP000416-PB	-	122	1.17E-11	1	1419.724	0.66	Head	X:-:7437597-7437559;X:-:7437597-7437559	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_74357	VYCGHEYALQNLR	AGAP000416-PA,AGAP000416-PB	C3(Carbamidomethyl)	93	9.21E-09	1	1622.776	1.23	Ovary	X:-:7437360-7437322;X:-:7437360-7437322	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_80893	AVFTGDTLFLAGCGR	AGAP000416-PA,AGAP000416-PB	C13(Carbamidomethyl)	60	1.75E-05	2	1584.783	-0.46	Midgut	X:-:7437480-7437436;X:-:7437480-7437436	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_82911	IPGLTNR	AGAP000416-PA,AGAP000416-PB	-	38	0.000788442	2	770.452	-0.32	Ovary	X:-:7437618-7437598;X:-:7437618-7437598	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_87119	AVFTGDTLFLAGCGR	AGAP000416-PA,AGAP000416-PB	C13(Carbamidomethyl)	95	4.45E-09	2	1584.786	1.08	Ovary	X:-:7437480-7437436;X:-:7437480-7437436	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_87769	VGQDDTFAIGQLRVR	AGAP000416-PA,AGAP000416-PB	-	90	1.24E-08	1	1674.897	2.71	Malpighian tubule	X:-:7437597-7437553;X:-:7437597-7437553	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB

JHU_Ag_97737	QAAVIDPVEPAR	AGAP000416-PA,AGAP000416-PB	-	52	6.89E-05	2	1265.685	-0.32	Ovary	X:-:7437813-7437778;X:-:7437813-7437778	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_101845	ALVPSTIGQEKR	AGAP000416-PA,AGAP000416-PB	-	75	2.21E-07	2	1298.746	2.34	Malpighian tubule	X:-:7437237-7437202;X:-:7437237-7437202	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_104511	VGQDDTFAIGQLR	AGAP000416-PA,AGAP000416-PB	-	114	7.07E-11	1	1419.725	1.35	Ovary	X:-:7437597-7437559;X:-:7437597-7437559	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_106462	FGHQVEPDNADTR	AGAP000416-PA,AGAP000416-PB	-	61	7.29E-06	1	1485.672	0.27	Head	X:-:7437321-7437283;X:-:7437321-7437283	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_109785	FGHQVEPDNADTRALLER	AGAP000416-PA,AGAP000416-PB	-	66	4.28E-06	1	2068.024	1.35	Malpighian tubule	X:-:7437321-7437268;X:-:7437321-7437268	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_114504	FFEGTPDQMYDALIGK	AGAP000416-PA,AGAP000416-PB	-	42	0.000951377	2	1831.862	2.41	Malpighian tubule	X:-:7437435-7437388;X:-:7437435-7437388	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_115000	FGHQVEPDNADTR	AGAP000416-PA,AGAP000416-PB	-	50	9.10E-05	1	1485.673	0.88	Ovary	X:-:7437321-7437283;X:-:7437321-7437283	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_116341	VYCGHEYALQNLR	AGAP000416-PA,AGAP000416-PB	C3(Carbamidomethyl)	80	1.50E-07	1	1622.770	-2.61	Head	X:-:7437360-7437322;X:-:7437360-7437322	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_117727	AQAADLEGRR	AGAP000416-PA,AGAP000416-PB	-	59	1.51E-05	2	1086.565	0	Malpighian tubule	X:-:7437267-7437238;X:-:7437267-7437238	exon=> In CDS Exon 1 of transcript AGAP000416-PA;exon=> In CDS Exon 2 of transcript AGAP000416-PB
JHU_Ag_31614	ALLSFLPHR	AGAP000416-PB	N-Term(Acetyl)	67	8.82E-07	1	1095.631	-0.18	Male reproductive organs	X:-:7438069-7438043	exon=> In CDS Exon 1 of transcript AGAP000416-PB
JHU_Ag_52499	ALLSFLPHR	AGAP000416-PB	N-Term(Acetyl)	67	6.46E-07	1	1095.635	3.49	Malpighian tubule	X:-:7438069-7438043	exon=> In CDS Exon 1 of transcript AGAP000416-PB
JHU_Ag_68139	YNVDDFHFLTVLGK	AGAP000418-PA	-	43	0.000838295	1	1667.844	0.89	Visceras	X:-:7449168-7449127	exon=> In CDS Exon 7 of transcript AGAP000418-PA
JHU_Ag_115664	DLKLDNVLLDYDGHVR	AGAP000418-PA	-	81	9.86E-08	1	1884.986	2.2	Visceras	X:-:7446768-7446721	exon=> In CDS Exon 10 of transcript AGAP000418-PA
JHU_Ag_66021	EQEQRR	AGAP000419-PA	Q2(Deamidated), Q4(Deamidated)	34	0.004268801	2	847.391	0.52	Head	X:-:7465358-7465341	exon=> In CDS Exon 1 of transcript AGAP000419-PA
JHU_Ag_9202	KSLAEIESDLAR	AGAP000420-PA	-	51	0.00011618	1	1331.717	0.1	Midgut	X:+:7549579-7549614	exon=> In CDS Exon 2 of transcript AGAP000420-PA
JHU_Ag_57585	SFAPYAQFGR	AGAP000420-PA	-	41	0.000834	2	1143.558	-0.48	Midgut	X:+:7548832-7548861	exon=> In CDS Exon 2 of transcript AGAP000420-PA
JHU_Ag_80554	RPLDYDTAMAHDSGR	AGAP000420-PA	-	47	0.000172751	1	1704.774	-0.94	Midgut	X:+:7548766-7548810	exon=> In CDS Exon 2 of transcript AGAP000420-PA
JHU_Ag_1189	IVGAVLLPQLGGFVNGK	AGAP000426-PA	-	54	5.10E-06	1	1682.002	1.16	Head	X:-:7618831-7618781	exon=> In CDS Exon 1 of transcript AGAP000426-PA
JHU_Ag_72790	IVGAVLLPQLGGFVNGK	AGAP000426-PA	N15(Deamidated),Q9(Deamidated)	91	2.03E-09	1	1682.981	-2.11	Midgut	X:-:7618831-7618781	exon=> In CDS Exon 1 of transcript AGAP000426-PA

JHU_Ag_93382	IVGAVLLPQLGGFVNGK	AGAP000426-PA	N15(Deamidated),Q9(Deamidated)	39	0.000170 36	1	1682.997	7.54	Larva	X:-:7618831-7618781	exon=> In CDS Exon 1 of transcript AGAP000426-PA
JHU_Ag_113348	IVGAVLLPQLGGFVNGKLTR	AGAP000426-PA	N15(Deamidated),Q9(Deamidated)	31	0.000535 69	1	2053.229	6.04	Malpighian tubule	X:-:7618831-7618772	exon=> In CDS Exon 1 of transcript AGAP000426-PA
JHU_Ag_116020	IVGAVLLPQLGGFVNGK	AGAP000426-PA	N15(Deamidated)	50	2.11E-05	2	1682.988	2.53	Malpighian tubule	X:-:7618831-7618781	exon=> In CDS Exon 1 of transcript AGAP000426-PA
JHU_Ag_7606	SIIQHYLGDDAPVALALIPETGK	AGAP000427-PA	-	38	0.000737 384	1	2421.314	4.82	Ovary	X:-:7628074-7628006	exon=> In CDS Exon 4 of transcript AGAP000427-PA
JHU_Ag_51946	VVVLDDVLK	AGAP000427-PA	-	43	0.000149 112	2	999.612	3.46	Ovary	X:-:7629100-7629074	exon=> In CDS Exon 3 of transcript AGAP000427-PA
JHU_Ag_78469	RQDILLGIGHYLVTIK	AGAP000427-PA	-	77	1.88E-08	1	1839.094	4.66	Ovary	X:-:7628407-7628360	exon=> In CDS Exon 4 of transcript AGAP000427-PA
JHU_Ag_110682	SVGPAPHLLYTALDQVR	AGAP000427-PA	-	32	0.003462 284	3	1837.003	3.33	Ovary	X:-:7625264-7625214	exon=> In CDS Exon 5 of transcript AGAP000427-PA
JHU_Ag_2228	HITGLSK	AGAP000429-PA	-	31	0.003658 047	1	755.441	-0.41	Head	X:+:7642387-7642407	exon=> In CDS Exon 4 of transcript AGAP000429-PA
JHU_Ag_82802	ELLDAVATLTDK	AGAP000432-PA	-	59	1.78E-05	2	1288.698	-0.97	Head	X:+:7691109-7691144	exon=> In CDS Exon 1 of transcript AGAP000432-PA
JHU_Ag_89830	EAFTLVTQEVYNR	AGAP000433-PB	-	66	3.15E-06	2	1569.802	6.93	Malpighian tubule	X:-:7695435-7695397	exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_101620	HIEPHRPVFALVGCK	AGAP000433-PB	C14(Carbamidomethyl)	40	0.001029 521	1	1759.946	2.21	Malpighian tubule	X:-:7695603-7695559	exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_113910	HILIGDSTVGK	AGAP000433-PB	-	46	0.000158 18	1	1139.640	-1.87	Head	X:-:7697788-7697756	exon=> In CDS Exon 1 of transcript AGAP000433-PB
JHU_Ag_5109	EAYYWLK	AGAP000434-PA	-	40	0.000852 484	1	972.483	0.8	Midgut	X:-:7703756-7703736	exon=> In CDS Exon 2 of transcript AGAP000434-PA
JHU_Ag_12429	IIFDDFR	AGAP000434-PA	-	36	0.002705 648	2	925.480	2.82	Larva	X:-:7703777-7703757	exon=> In CDS Exon 2 of transcript AGAP000434-PA
JHU_Ag_40680	IIGGTIYPGLMVTSAVLYR	AGAP000434-PA	M11(Oxidation)	36	0.001490 493	1	2040.120	0.01	Midgut	X:-:7705058-7705002	exon=> In CDS Exon 2 of transcript AGAP000434-PA
JHU_Ag_49788	HLAEQGFYNFHNWFDDR	AGAP000434-PA	-	52	6.94E-05	1	2195.985	7.68	Ovary	X:-:7705130-7705080	exon=> In CDS Exon 2 of transcript AGAP000434-PA
JHU_Ag_63142	GAHIKEMDYYAPSGDFR	AGAP000434-PA	M7(Oxidation)	65	2.85E-06	1	1972.885	-0.32	Midgut	X:-:7702268-7702218	exon=> In CDS Exon 4 of transcript AGAP000434-PA
JHU_Ag_81572	HLAEQGFYNFHNWFDDR	AGAP000434-PA	-	80	1.01E-07	1	2195.979	5.01	Malpighian tubule	X:-:7705130-7705080	exon=> In CDS Exon 2 of transcript AGAP000434-PA
JHU_Ag_102235	FESVIHEFDPYFNYR	AGAP000434-PA	-	61	9.50E-06	1	1962.902	0.09	Midgut	X:-:7705184-7705140	exon=> In CDS Exon 2 of transcript AGAP000434-PA
JHU_Ag_106288	FGQVYTEGGK	AGAP000434-PA	-	40	0.001017 483	1	1085.528	1.58	Midgut	X:-:7702154-7702125	exon=> In CDS Exon 4 of transcript AGAP000434-PA
JHU_Ag_108382	EMDYYAPSGDFR	AGAP000434-PA	M2(Oxidation)	33	0.001175 347	2	1450.594	0	Midgut	X:-:7702253-7702218	exon=> In CDS Exon 4 of transcript AGAP000434-PA
JHU_Ag_109562	GAEIGNKDFELDVLEEAYTTEHWLVR	AGAP000434-PA	-	43	0.000901 152	1	3034.472	-2.41	Midgut	X:-:7702100-7702023	exon=> In CDS Exon 4 of transcript AGAP000434-PA
JHU_Ag_115534	FYSLLDPSYAK	AGAP000434-PA	-	38	0.002946 465	1	1303.657	-0.19	Midgut	X:-:7704317-7704285	exon=> In CDS Exon 2 of transcript AGAP000434-PA
JHU_Ag_66989	APTVSANAGATSQAASQTEEK	AGAP000437-PA	-	164	6.37E-16	1	2018.968	2.82	Larva	X:-:7722372-7722310	exon=> In CDS Exon 2 of transcript AGAP000437-PA
JHU_Ag_55675	LCPRDNNIDER	AGAP000438-PA	C2(Carbamidomethyl), N6(Deamidated), N7(Deamidated)	29	0.009224 587	2	1403.636	10.23	Head	X:+:7765692-7765724	exon=> In CDS Exon 3 of transcript AGAP000438-PA
JHU_Ag_4195	DRDAIYK	AGAP000439-PA	-	42	0.001153 443	1	880.452	-0.03	Ovary	X:+:7769191-7769211	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_9720	TELLTPLFAAGWTMVK	AGAP000439-PA	M14(Oxidation)	126	2.57E-12	1	1793.951	0.2	Ovary	X:+:7769143-7769190	exon=> In CDS Exon 3 of transcript AGAP000439-PA

JHU_Ag_12821	LAQFLDQAAAVAK	AGAP000439-PA	-	109	1.29E-10	1	1345.747	-0.19	Head	X:+:7769377-7769415	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_16457	EYLFGDFNEAFGFMTR	AGAP000439-PA	M14(Oxidation)	110	6.21E-11	1	1959.860	0.78	Ovary	X:+:7769212-7769259	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_42683	VQVTLATHDCAGLSER	AGAP000439-PA	C10(Carbamidomethyl)	46	0.000374498	1	1756.868	2.08	Ovary	X:+:7769320-7769367	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_47700	LAQFLDQAAAVAK	AGAP000439-PA	-	48	0.000217075	2	1345.740	-5.55	Salivary gland	X:+:7769377-7769415	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_48932	LAQFLDQAAAVAK	AGAP000439-PA	-	106	2.70E-10	1	1345.747	-0.01	Ovary	X:+:7769377-7769415	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_56648	ADKMDHHPEWFNVYNK	AGAP000439-PA	M4(Oxidation)	36	0.002932171	1	2046.917	2.26	Ovary	X:+:7769272-7769319	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_81076	LAQFLDQAAAVAK	AGAP000439-PA	-	62	6.59E-06	2	1345.752	3.16	Malpighian tubule	X:+:7769377-7769415	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_91965	TELLTPLFAAGWTMVK	AGAP000439-PA	M14(Oxidation)	105	3.11E-10	1	1793.958	3.89	Larva	X:+:7769143-7769190	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_110436	TELLTPLFAAGWTMVK	AGAP000439-PA	M14(Oxidation)	91	7.88E-09	1	1793.959	4.5	Visceras	X:+:7769143-7769190	exon=> In CDS Exon 3 of transcript AGAP000439-PA
JHU_Ag_12482	TLLGIIIPK	AGAP000440-PA	-	59	1.84E-07	2	967.658	3.28	Larva	X:+:7773490-7773499,7775653-7775669	exon=> In CDS Exon 2 and 3 of transcript AGAP000440-PA
JHU_Ag_25628	TLLGIIIPK	AGAP000440-PA	-	54	6.65E-07	2	967.657	1.7	Malpighian tubule	X:+:7773490-7773499,7775653-7775669	exon=> In CDS Exon 2 and 3 of transcript AGAP000440-PA
JHU_Ag_44540	TLLGIIIPK	AGAP000440-PA	-	41	1.95E-05	2	967.655	0.37	Pupa	X:+:7773490-7773499,7775653-7775669	exon=> In CDS Exon 2 and 3 of transcript AGAP000440-PA
JHU_Ag_54834	TLLGIIIPK	AGAP000440-PA	-	46	8.24E-06	2	967.653	-2.4	Midgut	X:+:7773490-7773499,7775653-7775669	exon=> In CDS Exon 2 and 3 of transcript AGAP000440-PA
JHU_Ag_68515	TLLGIIIPK	AGAP000440-PA	-	19	0.001884045	1	967.657	1.7	Malpighian tubule	X:+:7773490-7773499,7775653-7775669	exon=> In CDS Exon 2 and 3 of transcript AGAP000440-PA
JHU_Ag_72923	TNLSQYLYNEYLK	AGAP000440-PA	-	58	2.53E-05	2	1648.826	2.65	Head	X:+:7777953-7777990,7778078-7778078	exon=> In CDS Exon 4 and 5 of transcript AGAP000440-PA
JHU_Ag_81971	YLSALPAIAVVNNVLK	AGAP000440-PA	-	125	4.45E-13	1	1684.994	-3.34	Midgut	X:+:7775823-7775843,7777893-7777919	exon=> In CDS Exon 3 and 4 of transcript AGAP000440-PA
JHU_Ag_116546	AHVNAVFFNQLR	AGAP000440-PA	-	52	7.53E-05	2	1415.760	3.81	Head	X:+:7773454-7773489	exon=> In CDS Exon 2 of transcript AGAP000440-PA
JHU_Ag_61416	AIGNQIR	AGAP000442-PA	N4(Deamidated)	40	0.001476735	1	772.432	1.08	Salivary gland	X:-:7793981-7794122,7793684-7793894	exon=> In CDS Exon 2 and 1 of transcript AGAP000442-PA
JHU_Ag_92735	LGTPSPR	AGAP000443-PA	-	29	0.007180443	2	727.411	1.04	Head	X:-:7805294-7805413,7802959-7803058	exon=> In CDS Exon 14 and 13 of transcript AGAP000443-PA
JHU_Ag_42236	GKLELLQTLTGHAGR	AGAP000444-PA	-	68	5.37E-07	1	1593.907	-0.3	Ovary	X:-:7823974-7823930	exon=> In CDS Exon 1 of transcript AGAP000444-PA
JHU_Ag_44205	SDTDRWVAQTVLTDGHTR	AGAP000444-PA	-	33	0.008406945	1	2058.001	0.26	Midgut	X:-:7823848-7823795	exon=> In CDS Exon 1 of transcript AGAP000444-PA
JHU_Ag_90229	VWQQYGPDNALGIPCPDR	AGAP000444-PA	C15(Carbamidomethyl)	61	1.19E-05	2	2085.987	2.73	Salivary gland	X:-:7823228-7823175	exon=> In CDS Exon 2 of transcript AGAP000444-PA

JHU_Ag_83436	NQTVVKFTVVPCAPVVEVK	AGAP000452-PA,AGAP000449-PB,AGAP000449-PA	N1(Deamidated), C12(Carbamidomethyl)	31	0.003448237	1	2115.170	8.66	Ovary	X:+:7900357-7900413;X:-:7878722-7878666;X:-:7878722-7878666	exon=> In CDS Exon 10 of transcript AGAP000452-PA;exon=> In CDS Exon 5 of transcript AGAP000449-PB;exon=> In CDS Exon 6 of transcript AGAP000449-PA
JHU_Ag_8568	FADLQQYFHPSLEPAAHWIEQSVVR	AGAP000454-PA	-	58	2.05E-05	1	2968.490	5.22	Visceras	X:+:7938422-7938496	exon=> In CDS Exon 3 of transcript AGAP000454-PA
JHU_Ag_9770	TGPADPDLLLVVASTK	AGAP000454-PA	-	84	2.38E-08	1	1596.888	2.17	Ovary	X:+:7936746-7936793	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_15260	LLALELEKGPYITSDDDYNVIAR	AGAP000454-PA	-	48	0.000140437	3	2608.359	3.08	Visceras	X:+:7938716-7938784	exon=> In CDS Exon 3 of transcript AGAP000454-PA
JHU_Ag_22523	IAEAPLGTGGLAR	AGAP000454-PA	-	34	0.002210008	2	1225.688	-1.79	Midgut	X:+:7936869-7936907	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_22542	LLALELEKGPYITSDDDYNVIAR	AGAP000454-PA	-	73	4.77E-07	3	2608.353	1.04	Ovary	X:+:7938716-7938784	exon=> In CDS Exon 3 of transcript AGAP000454-PA
JHU_Ag_36659	EDGTIAAFLVDAR	AGAP000454-PA	-	81	1.41E-07	2	1377.700	-0.87	Head	X:+:7936815-7936853	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_44904	ALQAPAGPDSIR	AGAP000454-PA	-	39	0.001022075	2	1195.643	0.17	Ovary	X:+:7936386-7936421	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_46642	GPYITSDDDYNVIAR	AGAP000454-PA	-	55	5.26E-05	2	1698.795	-1.27	Pupa	X:+:7938740-7938784	exon=> In CDS Exon 3 of transcript AGAP000454-PA
JHU_Ag_48080	LAGLQGPLAYGGK	AGAP000454-PA	-	50	0.000101972	2	1244.701	0.64	Visceras	X:+:7936422-7936460	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_63097	IAEAPLGTGGLAR	AGAP000454-PA	-	39	0.00065674	2	1225.690	-0.2	Pupa	X:+:7936869-7936907	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_79050	LLAQHGTPEAQEQYLAK	AGAP000454-PA	-	54	5.50E-05	1	1896.983	0.55	Ovary	X:+:7936557-7936607	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_91073	TGPADPDLLLVVASTK	AGAP000454-PA	-	72	3.65E-07	2	1596.889	2.78	Malpighian tubule	X:+:7936746-7936793	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_95458	VEVPESALVGTENEGGTVLSK	AGAP000454-PA	-	81	1.02E-07	2	2115.084	1.11	Ovary	X:+:7936929-7936991	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_97298	TGPADPDLLLVVASTK	AGAP000454-PA	-	76	1.84E-07	1	1596.886	0.95	Midgut	X:+:7936746-7936793	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_105204	LAGLQGPLAYGGK	AGAP000454-PA	-	70	9.72E-07	1	1244.701	0.74	Ovary	X:+:7936422-7936460	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_106006	LAGLQGPLAYGGK	AGAP000454-PA	-	62	6.10E-06	1	1244.700	0.15	Midgut	X:+:7936422-7936460	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_115562	LLAQHGTPEAQEQYLAK	AGAP000454-PA	-	42	0.000836122	1	1896.982	0.45	Malpighian tubule	X:+:7936557-7936607	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_115603	LLAQHGTPEAQEQYLAK	AGAP000454-PA	-	61	9.89E-06	1	1896.987	2.87	Head	X:+:7936557-7936607	exon=> In CDS Exon 1 of transcript AGAP000454-PA
JHU_Ag_3793	QNIGQDDQSLIDTGK	AGAP000457-PB	-	81	1.29E-07	2	1631.784	-1.74	Visceras	X:-:7931558-7931514	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_8502	DPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	95	3.69E-09	1	2302.190	-1.68	Head	X:-:7931624-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_30927	DPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	130	1.09E-12	1	2302.199	2.01	Visceras	X:-:7931624-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_31586	DHAPYDCIHVGAAAPEIPQELVEQLKPGGR	AGAP000457-PB	C7(Carbamidomethyl)	56	2.48E-05	1	3267.628	1.83	Midgut	X:-:7931391-7931417,7931088-7931220	exon=> In CDS Exon 5 and 4 of transcript AGAP000457-PB
JHU_Ag_32529	VLDVGSGSGYLTACFAR	AGAP000457-PB	C14(Carbamidomethyl)	116	3.76E-11	1	1772.871	4	Malpighian tubule	X:-:7931687-7931637	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_46284	YYVPANVPQYQDEPQR	AGAP000457-PB	-	53	8.37E-05	2	1966.931	0.6	Male reproductive organs	X:-:7934376-7934329	exon=> In CDS Exon 2 of transcript AGAP000457-PB

JHU_Ag_47192	YYVPANVPQYQDEPQR	AGAP000457-PB	-	78	2.22E-07	2	1966.927	-1.26	Head	X:-:7934376-7934329	exon=> In CDS Exon 2 of transcript AGAP000457-PB
JHU_Ag_49406	DPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	121	8.31E-12	1	2302.193	-0.37	Male reproductive organs	X:-:7931624-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_49456	FIHRDPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	64	1.83E-06	1	2855.516	3.17	Malpighian tubule	X:-:7931636-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_71847	FIHRDPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	145	1.85E-14	1	2855.505	-0.42	Head	X:-:7931636-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_75003	FIHRDPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	95	1.77E-09	1	2855.516	3.43	Ovary	X:-:7931636-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_80947	DHAPYDCIHVGAAAPEIPQELVEQLKPGGR	AGAP000457-PB	C7(Carbamidomethyl)	48	0.000183397	1	3267.616	-1.63	Visceras	X:-:7931391-7931417,7931088-7931220	exon=> In CDS Exon 5 and 4 of transcript AGAP000457-PB
JHU_Ag_90144	DPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	129	1.39E-12	1	2302.194	-0.06	Midgut	X:-:7931624-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_97503	KYYVPANVPQYQDEPQR	AGAP000457-PB	-	45	0.000477894	2	2095.023	-0.66	Male reproductive organs	X:-:7934379-7934329	exon=> In CDS Exon 2 of transcript AGAP000457-PB
JHU_Ag_99837	YYVPANVPQYQDEPQR	AGAP000457-PB	-	102	1.03E-09	1	1966.931	0.91	Visceras	X:-:7934376-7934329	exon=> In CDS Exon 2 of transcript AGAP000457-PB
JHU_Ag_101359	DPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	151	7.77E-15	1	2302.196	0.87	Ovary	X:-:7931624-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_102192	FIHRDPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	140	5.40E-14	1	2855.512	1.89	Visceras	X:-:7931636-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_103127	QNIGQDDQSLIDTGK	AGAP000457-PB	-	81	1.27E-07	2	1631.788	0.35	Male reproductive organs	X:-:7931558-7931514	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_103529	LMDVMYVPLTDLR	AGAP000457-PB	-	36	0.003304493	2	1565.812	3.12	Visceras	X:-:7931132-7931094	exon=> In CDS Exon 5 of transcript AGAP000457-PB
JHU_Ag_104395	DPAATGYAVGIEHHPQLVTLGR	AGAP000457-PB	-	149	1.36E-14	1	2302.200	2.73	Malpighian tubule	X:-:7931624-7931559	exon=> In CDS Exon 3 of transcript AGAP000457-PB
JHU_Ag_115427	YYVPANVPQYQDEPQR	AGAP000457-PB	-	60	1.80E-05	1	1966.932	1.47	Midgut	X:-:7934376-7934329	exon=> In CDS Exon 2 of transcript AGAP000457-PB
JHU_Ag_15175	GSIHNLQLDIMDDIVQAR	AGAP000460-PA	M11(Oxidation)	76	2.95E-07	1	2054.041	3.44	Head	X:+:7961383-7961436	exon=> In CDS Exon 2 of transcript AGAP000460-PA
JHU_Ag_36219	SPTAGPSGAAGAAADPPK	AGAP000460-PA	-	73	7.48E-07	2	1522.752	1.34	Head	X:+:7961920-7961973	exon=> In CDS Exon 2 of transcript AGAP000460-PA
JHU_Ag_48667	ESNIGPPPSTDHR	AGAP000460-PA	-	88	2.61E-08	1	1406.667	1.04	Head	X:+:7961344-7961382	exon=> In CDS Exon 2 of transcript AGAP000460-PA
JHU_Ag_117542	EQAFLATLYSTPAPQPGGR	AGAP000460-PA	-	92	1.15E-08	1	2004.019	0.18	Head	X:+:7958153-7958209	exon=> In CDS Exon 1 of transcript AGAP000460-PA
JHU_Ag_534	SIYGNKFEDENFILK	AGAP000462-PA	-	71	1.32E-06	1	1816.916	2.62	Salivary gland	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_1967	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	M9(Oxidation), N17(Deamidated),M9(Oxidation)	134	4.68E-13	1	2776.383	3.73	Visceras	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_1990	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	M9(Oxidation), N17(Deamidated),M9(Oxidation)	111	1.11E-10	1	2777.370	4.79	Larva	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA

JHU_Ag_6241	VIPNFMCQGGDFQNHNGTGGK	AGAP000462-PA	M6(Oxidation), C7(Carbamidomethyl), N16(Deamidated),"M6(Oxidation), C7(Carbamidomethyl)"," M6(Oxidation), C7(Carbamidomethyl), N14(Deamidated)","M6(Oxidation), C7(Carbamidomethyl), Q13(Deamidated)"	44	0.000195143	1	2294.990	-1	Male reproductive organs	X:-:8018306-8018244	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_8405	KIESFGSHSGKPSK	AGAP000462-PA	-	79	2.08E-07	2	1488.780	-0.26	Male reproductive organs	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_10119	TSWLNDR	AGAP000462-PA	-	39	0.001944819	2	891.431	-0.76	Head	X:-:8018117-8018097	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_11455	VIPNFMCQGGDFQNHNGTGGK	AGAP000462-PA	M6(Oxidation), C7(Carbamidomethyl), Q13(Deamidated),"M6(Oxidation), C7(Carbamidomethyl), N16(Deamidated)","C7(Carbamidomethyl), N14(Deamidated)","C7(Carbamidomethyl), N16(Deamidated)","M6(Oxidation), C7(Carbamidomethyl)","C7(Carbamidomethyl), Q13(Deamidated)","M6(Oxidation), C7(Carbamidomethyl), N14(Deamidated)",C7(Carbamidomethyl)	68	1.34E-06	2	2294.012	1.61	Malpighian tubule	X:-:8018306-8018244	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_12025	FEDENFILK	AGAP000462-PA	-	59	1.58E-05	2	1154.575	2.27	Midgut	X:-:8018225-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_14020	TSENFR	AGAP000462-PA	-	45	0.00022672	2	753.353	0.28	Midgut	X:-:8018378-8018361	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_15159	GFGYKGSIFHR	AGAP000462-PA	-	57	2.15E-05	1	1268.657	2.77	Malpighian tubule	X:-:8018339-8018307	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_16896	IVIELRPDVVPK	AGAP000462-PA	-	73	1.93E-08	1	1377.847	0.44	Male reproductive organs	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_18906	SIYGNKFEDENFILK	AGAP000462-PA	N5(Deamidated)	112	1.05E-10	1	1816.918	3.56	Malpighian tubule	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_21366	QITVANCGQL	AGAP000462-PA	C7(Carbamidomethyl)	72	7.80E-07	2	1103.552	0.24	Salivary gland	X:-:8018009-8017980	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_22052	SIYGNKFEDENFILK	AGAP000462-PA	-	104	6.97E-10	1	1816.916	2.15	Male reproductive organs	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_22146	HVVFGSVVEGMDVVR	AGAP000462-PA	-	60	1.31E-05	1	1629.844	1.39	Pupa	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_25784	IESFGSHSGKPSK	AGAP000462-PA	-	48	0.000253212	2	1360.691	3.85	Visceras	X:-:8018048-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_27164	IESFGSHSGKPSK	AGAP000462-PA	-	70	1.70E-06	2	1360.684	-1.18	Midgut	X:-:8018048-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA

JHU_Ag_30059	TSWLNDRHVVFGSVVEGMDVVR	AGAP000462-PA	M18(Oxidation)	128	2.62E-12	1	2518.258	2.95	Malpighian tubule	X:-:8018117-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_30548	VIPNFMCQGGDFQNHNGTGGK	AGAP000462-PA	M6(Oxidation), C7(Carbamidomethyl)	45	0.000256854	1	2294.016	3.63	Visceras	X:-:8018306-8018244	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_30602	IVIELRPDVVPK	AGAP000462-PA	-	55	1.41E-06	1	1377.850	2.56	Visceras	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_31069	VIPNFMCQGGDFQNHNGTGGK	AGAP000462-PA	M6(Oxidation), C7(Carbamidomethyl), N16(Deamidated),"M6(Oxidation), C7(Carbamidomethyl)","C7(Carbamidomethyl), N16(Deamidated)",C7(Carbamidomethyl)	63	3.99E-06	2	2278.009	-1.57	Midgut	X:-:8018306-8018244	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_32238	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	115	6.10E-11	1	1645.841	2.73	Head	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_33490	IVIELRPDVVPK	AGAP000462-PA	-	81	5.06E-09	1	1377.846	-0.45	Midgut	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_34674	CFFDMTVDNQPLGR	AGAP000462-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M5(Oxidation)"	106	2.30E-10	2	1715.758	3.52	Malpighian tubule	X:-:8020405-8020364	exon=> In CDS Exon 1 of transcript AGAP000462-PA
JHU_Ag_35199	IVIELRPDVVPK	AGAP000462-PA	-	63	2.22E-07	1	1377.852	4.25	Larva	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_35923	CFFDMTVDNQPLGR	AGAP000462-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M5(Oxidation)"	97	1.89E-09	2	1699.759	1.57	Head	X:-:8020405-8020364	exon=> In CDS Exon 1 of transcript AGAP000462-PA
JHU_Ag_37389	SIYGNKFEDENFILK	AGAP000462-PA	N5(Deamidated)	98	2.40E-09	1	1816.912	0.27	Ovary	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_45562	QITVANCGQL	AGAP000462-PA	C7(Carbamidomethyl)	43	0.000724146	1	1103.549	-2.34	Head	X:-:8018009-8017980	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_45897	TSENFR	AGAP000462-PA	-	32	0.005278259	1	753.353	0.36	Malpighian tubule	X:-:8018378-8018361	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_51365	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	89	2.18E-08	1	1645.837	-0.03	Salivary gland	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_51764	IVIELRPDVVPK	AGAP000462-PA	-	75	1.20E-08	1	1377.847	0.38	Ovary	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_51848	CFFDMTVDNQPLGR	AGAP000462-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M5(Oxidation)"	76	2.08E-07	2	1715.759	4.09	Visceras	X:-:8020405-8020364	exon=> In CDS Exon 1 of transcript AGAP000462-PA
JHU_Ag_53139	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	86	4.52E-08	1	1645.837	-0.03	Male reproductive organs	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_53453	FEDENFILK	AGAP000462-PA	-	50	0.000126014	2	1154.575	1.53	Pupa	X:-:8018225-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_57397	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	N17(Deamidated),"M9(Oxidation), N17(Deamidated)","M9(Oxidation), N15(Deamidated)",M9(Oxidation)	166	3.67E-16	1	2761.361	-0.19	Malpighian tubule	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA

JHU_Ag_58602	VIPNFMCQGGDFQNHNGTGGK	AGAP000462-PA	M6(Oxidation), C7(Carbamidomethyl), N16(Deamidated),"M6(Oxidation), C7(Carbamidomethyl)"," M6(Oxidation), C7(Carbamidomethyl), N14(Deamidated)","M6(Oxidation), C7(Carbamidomethyl), Q13(Deamidated)"	108	1.19E-10	1	2294.014	2.68	Ovary	X:-:8018306-8018244	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_59695	SIYGNKFEDENFILK	AGAP000462-PA	-	108	2.70E-10	1	1816.917	2.69	Visceras	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_62642	IESFGSHSGKPSK	AGAP000462-PA	-	96	4.37E-09	1	1360.687	0.71	Head	X:-:8018048-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_63078	VIPNFMCQGGDFQNHNGTGGK	AGAP000462-PA	M6(Oxidation), C7(Carbamidomethyl), N16(Deamidated),"M6(Oxidation), C7(Carbamidomethyl)"," M6(Oxidation), C7(Carbamidomethyl), N14(Deamidated)","M6(Oxidation), C7(Carbamidomethyl), Q13(Deamidated)",C7(Carbamidomethyl)	71	6.52E-07	2	2278.013	-0.07	Head	X:-:8018306-8018244	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_64225	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	75	5.66E-07	1	1645.842	3.39	Larva	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_64458	TSENFRALCTGEK	AGAP000462-PA	C9(Carbamidomethyl)	57	2.69E-05	1	1512.715	2.53	Malpighian tubule	X:-:8018378-8018340	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_64740	KIESFGSHSGKPSK	AGAP000462-PA	-	58	2.23E-05	2	1488.789	5.89	Larva	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_68420	TSWLNDR	AGAP000462-PA	-	43	0.00073743	2	891.432	-0.28	Midgut	X:-:8018117-8018097	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_70976	FEDENFILK	AGAP000462-PA	-	51	9.53E-05	1	1154.577	3.53	Malpighian tubule	X:-:8018225-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_71194	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	N17(Deamidated),Q20(Deamidated)	36	0.003166477	1	2761.367	2	Pupa	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_72488	ALCTGEKGFGYK	AGAP000462-PA	C3(Carbamidomethyl)	97	2.28E-09	1	1330.649	2.56	Malpighian tubule	X:-:8018360-8018325	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_72620	FEDENFILK	AGAP000462-PA	-	58	2.26E-05	2	1154.576	2.69	Male reproductive organs	X:-:8018225-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_75858	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	55	4.43E-05	2	1629.844	1.51	Visceras	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_75905	SIYGNKFEDENFILK	AGAP000462-PA	-	109	2.02E-10	1	1816.915	1.82	Pupa	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_76932	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	N17(Deamidated),"M9(Oxidation), N17(Deamidated)",M9(Oxidation),Q20(Deamidated)	163	6.52E-16	1	2776.377	1.56	Ovary	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_76962	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	112	1.04E-10	2	1629.838	-2.09	Midgut	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_78747	KIESFGSHSGKPSK	AGAP000462-PA	-	86	3.81E-08	1	1488.782	1.06	Ovary	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA

JHU_Ag_79073	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	130	1.76E-12	1	1645.838	0.87	Ovary	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_79118	IVIELRPDVVPK	AGAP000462-PA	-	71	3.04E-08	1	1377.849	1.94	Pupa	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_81528	CFFDMTVDNQPLGR	AGAP000462-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M5(Oxidation)"	100	9.03E-10	2	1699.756	-0.51	Midgut	X:-:8020405-8020364	exon=> In CDS Exon 1 of transcript AGAP000462-PA
JHU_Ag_81741	FEDENFILK	AGAP000462-PA	-	57	2.34E-05	2	1154.575	1.74	Ovary	X:-:8018225-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_82188	TSWLNDR	AGAP000462-PA	-	37	0.002540265	1	891.431	-0.63	Male reproductive organs	X:-:8018117-8018097	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_85443	KIESFGSHSGKPSK	AGAP000462-PA	-	66	4.03E-06	1	1488.783	1.55	Pupa	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_86499	HVVFGSVVEGMDVVR	AGAP000462-PA	M11(Oxidation)	86	4.23E-08	1	1645.842	3.1	Malpighian tubule	X:-:8018096-8018052	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_87669	IESFGSHSGKPSK	AGAP000462-PA	-	49	0.00018151	2	1360.686	0.35	Malpighian tubule	X:-:8018048-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_87964	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	N17(Deamidated),"M9(Oxidation), N17(Deamidated)","M9(Oxidation), N15(Deamidated)",M9(Oxidation)	136	3.42E-13	1	2760.385	2.73	Head	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_88012	IVIELRPDVVPK	AGAP000462-PA	-	67	8.24E-08	1	1377.848	0.88	Salivary gland	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_91039	HVVFGSVVEGMDVVRK	AGAP000462-PA	M11(Oxidation)	51	0.00011141	2	1773.935	1.98	Head	X:-:8018096-8018049	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_91412	KIESFGSHSGKPSK	AGAP000462-PA	-	58	2.50E-05	1	1488.777	-2.63	Head	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_91701	GSIFHR	AGAP000462-PA	-	40	0.000767302	2	716.380	-6	Head	X:-:8018324-8018307	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_94386	IVIELRPDVVPKTSENFR	AGAP000462-PA	-	119	3.34E-12	1	2112.190	4.15	Malpighian tubule	X:-:8020363-8020420,8017977-8018361	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_99008	CFFDMTVDNQPLGR	AGAP000462-PA	C1(Carbamidomethyl), M5(Oxidation)	104	2.98E-10	1	1715.754	1.53	Ovary	X:-:8020405-8020364	exon=> In CDS Exon 1 of transcript AGAP000462-PA
JHU_Ag_100517	CFFDMTVDNQPLGR	AGAP000462-PA	C1(Carbamidomethyl)	46	0.000263495	2	1699.760	1.86	Salivary gland	X:-:8020405-8020364	exon=> In CDS Exon 1 of transcript AGAP000462-PA
JHU_Ag_103449	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	N17(Deamidated),"M9(Oxidation), N17(Deamidated)"	133	6.58E-13	1	2777.356	-0.09	Salivary gland	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_104763	KIESFGSHSGKPSK	AGAP000462-PA	-	49	0.000223624	1	1488.780	-0.27	Midgut	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_105521	QITVANCGQL	AGAP000462-PA	C7(Carbamidomethyl)	72	1.06E-06	2	1103.553	1.79	Ovary	X:-:8018009-8017980	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_105729	SIYGNKFEDENFILK	AGAP000462-PA	-	116	4.60E-11	1	1816.913	0.68	Head	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_106518	IVIELRPDVVPK	AGAP000462-PA	-	81	5.18E-09	1	1377.845	-1.07	Head	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_108056	KIESFGSHSGKPSK	AGAP000462-PA	-	85	5.20E-08	1	1488.785	2.69	Visceras	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_109402	SIYGNKFEDENFILK	AGAP000462-PA	-	103	8.90E-10	1	1816.920	4.84	Larva	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA

JHU_Ag_109851	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	M9(Oxidation), N11(Deamidated), N17(Deamidated),N17(Deamidated),M9(Oxidation), "M9(Oxidation), N11(Deamidated), Q20(Deamidated)","M9(Oxidation), N15(Deamidated), N17(Deamidated)","M9(Oxidation), N17(Deamidated)","M9(Oxidation), Q20(Deamidated)",Q20(Deamidated)	185	4.91E-18	1	2777.352	-1.61	Midgut	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_112668	IESFGSHSGKPSK	AGAP000462-PA	-	47	0.000370092	2	1360.689	2.5	Male reproductive organs	X:-:8018048-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_112910	SIYGNKFEDENFILK	AGAP000462-PA	N5(Deamidated)	96	4.02E-09	1	1816.907	-2.82	Midgut	X:-:8018243-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_116120	IVIELRPDVVPK	AGAP000462-PA	-	72	2.40E-08	1	1377.850	2.56	Malpighian tubule	X:-:8020363-8020420,8017977-8018379	exon=> In CDS Exon 2 and 1 of transcript AGAP000462-PA
JHU_Ag_116509	HTGPGILSMANAGPNTNGSQFFITTVK	AGAP000462-PA	M9(Oxidation), N17(Deamidated),"M9(Oxidation), Q20(Deamidated)",M9(Oxidation)	108	2.34E-10	1	2776.375	1.03	Male reproductive organs	X:-:8018198-8018118	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_116721	FEDENFILK	AGAP000462-PA	-	44	0.000515993	2	1154.572	-0.59	Head	X:-:8018225-8018199	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_117387	KIESFGSHSGKPSK	AGAP000462-PA	-	87	3.46E-08	2	1488.785	2.78	Malpighian tubule	X:-:8018051-8018010	exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_4663	SVSILELR	AGAP000463-PA	-	40	0.001652958	2	916.549	2.53	Malpighian tubule	X:+:8029052-8029075	exon=> In CDS Exon 3 of transcript AGAP000463-PA
JHU_Ag_5532	MINFLVGTR	AGAP000463-PA	-	43	0.000386451	2	1050.576	-0.4	Ovary	X:+:8029388-8029414	exon=> In CDS Exon 4 of transcript AGAP000463-PA
JHU_Ag_16469	VETVVVFLPR	AGAP000463-PA	-	61	2.81E-06	2	1158.692	3.56	Salivary gland	X:+:8031147-8031176	exon=> In CDS Exon 5 of transcript AGAP000463-PA
JHU_Ag_17689	STQYISELVADLKSAK	AGAP000463-PA	-	49	7.24E-05	2	1752.953	8.45	Malpighian tubule	X:+:8035706-8035753	exon=> In CDS Exon 8 of transcript AGAP000463-PA
JHU_Ag_20928	STQYISELVADLK	AGAP000463-PA	-	76	2.64E-07	2	1466.778	3.15	Head	X:+:8035706-8035744	exon=> In CDS Exon 8 of transcript AGAP000463-PA
JHU_Ag_22106	VAELKTELINR	AGAP000463-PA	-	50	4.12E-05	1	1285.751	2.94	Malpighian tubule	X:+:8032777-8032809	exon=> In CDS Exon 6 of transcript AGAP000463-PA
JHU_Ag_33796	STQYISELVADLK	AGAP000463-PA	-	93	5.55E-09	2	1466.775	1.15	Ovary	X:+:8035706-8035744	exon=> In CDS Exon 8 of transcript AGAP000463-PA
JHU_Ag_37295	TQQTYQLQLER	AGAP000463-PA	-	68	2.36E-06	1	1407.722	-0.35	Salivary gland	X:+:8031216-8031248	exon=> In CDS Exon 5 of transcript AGAP000463-PA
JHU_Ag_39173	ANETAAAAAAETAKK	AGAP000463-PA	-	42	0.00113619	2	1417.734	3.85	Malpighian tubule	X:+:8034754-8034798	exon=> In CDS Exon 7 of transcript AGAP000463-PA
JHU_Ag_41642	STQYISELVADLK	AGAP000463-PA	-	55	2.78E-05	1	1466.778	2.98	Midgut	X:+:8035706-8035744	exon=> In CDS Exon 8 of transcript AGAP000463-PA
JHU_Ag_42903	QAQLAQQAQQVEVK	AGAP000463-PA	-	95	2.92E-09	1	1568.845	3.58	Ovary	X:+:8034148-8034189	exon=> In CDS Exon 7 of transcript AGAP000463-PA
JHU_Ag_45917	STQYISELVADLK	AGAP000463-PA	-	56	2.33E-05	2	1466.779	3.65	Malpighian tubule	X:+:8035706-8035744	exon=> In CDS Exon 8 of transcript AGAP000463-PA

JHU_Ag_47424	KANETAAAAAAETAK	AGAP000463-PA	-	90	1.84E-08	2	1417.732	2.82	Malpighian tubule	X:+:8034751-8034795	exon=> In CDS Exon 7 of transcript AGAP000463-PA
JHU_Ag_54121	TEPAEAAAAEDSKPQTDVEMADVADAPK	AGAP000463-PA	M20(Oxidation)	65	3.52E-06	3	2873.295	-1.62	Head	X:+:8034247-8034330	exon=> In CDS Exon 7 of transcript AGAP000463-PA
JHU_Ag_60487	VETVVVFLPR	AGAP000463-PA	-	77	8.50E-08	2	1158.688	-0.23	Ovary	X:+:8031147-8031176	exon=> In CDS Exon 5 of transcript AGAP000463-PA
JHU_Ag_65434	VLVDAAYNTNMPFK	AGAP000463-PA	M11(Oxidation)	46	0.000473488	2	1598.789	0.61	Ovary	X:+:8025320-8025361	exon=> In CDS Exon 1 of transcript AGAP000463-PA
JHU_Ag_67926	TQQTYQLQLER	AGAP000463-PA	-	65	5.28E-06	2	1407.725	1.39	Ovary	X:+:8031216-8031248	exon=> In CDS Exon 5 of transcript AGAP000463-PA
JHU_Ag_74061	VQVLQTGGGGGGGGGGGGHNSPSVPHSNSSGGR	AGAP000463-PA	-	69	1.68E-06	1	2929.376	3.78	Malpighian tubule	X:+:8025377-8025478	exon=> In CDS Exon 1 of transcript AGAP000463-PA
JHU_Ag_75907	LIPPRVETVVVFLPR	AGAP000463-PA	-	14	0.007638885	1	1735.067	2.17	Ovary	X:+:8031132-8031176	exon=> In CDS Exon 5 of transcript AGAP000463-PA
JHU_Ag_76171	SVSILELR	AGAP000463-PA	-	39	0.001761317	2	916.547	0.53	Ovary	X:+:8029052-8029075	exon=> In CDS Exon 3 of transcript AGAP000463-PA
JHU_Ag_92513	THTSAYGGGGGGGGGGGGGSQNNSSDSR	AGAP000463-PA	-	192	2.19E-19	1	2453.015	3.92	Malpighian tubule	X:+:8025479-8025565	exon=> In CDS Exon 1 of transcript AGAP000463-PA
JHU_Ag_96624	SYLHPTR	AGAP000463-PA	-	38	0.002098155	1	873.456	-1.53	Ovary	X:+:8029367-8029387	exon=> In CDS Exon 4 of transcript AGAP000463-PA
JHU_Ag_104415	TVGDVAAAR	AGAP000463-PA	-	53	0.000100986	2	859.466	2.75	Malpighian tubule	X:+:8035135-8035161	exon=> In CDS Exon 7 of transcript AGAP000463-PA
JHU_Ag_104627	TQQTYQLQLER	AGAP000463-PA	-	61	1.38E-05	2	1407.728	3.73	Malpighian tubule	X:+:8031216-8031248	exon=> In CDS Exon 5 of transcript AGAP000463-PA
JHU_Ag_105244	TEPAEAAAAEDSKPQTDVEMADVADAPK	AGAP000463-PA	M20(Oxidation)	171	9.93E-17	1	2873.310	3.67	Ovary	X:+:8034247-8034330	exon=> In CDS Exon 7 of transcript AGAP000463-PA
JHU_Ag_109718	NLNDELTGTNAR	AGAP000463-PA	-	70	1.40E-06	2	1317.638	-0.88	Ovary	X:+:8035670-8035705	exon=> In CDS Exon 8 of transcript AGAP000463-PA
JHU_Ag_117349	NLNDELTGTNAR	AGAP000463-PA	-	87	2.90E-08	1	1317.644	3.84	Malpighian tubule	X:+:8035670-8035705	exon=> In CDS Exon 8 of transcript AGAP000463-PA
JHU_Ag_18935	AVGDHFFICPTNEFALGLTER	AGAP000466-PA	C9(Carbamidomethyl)	104	6.40E-10	1	2394.162	2.86	Head	X:+:8053063-8053125	exon=> In CDS Exon 6 of transcript AGAP000466-PA
JHU_Ag_2711	NLQAVAATAAGTDGSSGDGKKPLD	AGAP000467-PA	-	35	0.004933666	3	2244.110	-0.24	Ovary	X:+:8087415-8087486	exon=> In CDS Exon 10 of transcript AGAP000467-PA
JHU_Ag_16942	LPEGLFNAIK	AGAP000467-PA	-	45	0.000379407	2	1101.630	-0.36	Ovary	X:+:8079600-8079629	exon=> In CDS Exon 4 of transcript AGAP000467-PA
JHU_Ag_68997	SRPISTSSFTSVSFDTNQQIQHR	AGAP000467-PA	-	39	0.002069001	3	2623.291	1.99	Head	X:+:8079699-8079767	exon=> In CDS Exon 4 of transcript AGAP000467-PA
JHU_Ag_92091	VPNLPDIQSR	AGAP000467-PA	-	40	0.000804424	1	1138.621	-0.15	Ovary	X:+:8086168-8086197	exon=> In CDS Exon 8 of transcript AGAP000467-PA
JHU_Ag_93787	AYFQNMAESGR	AGAP000467-PA	-	39	0.000803815	2	1273.564	0.37	Ovary	X:+:8086985-8087017	exon=> In CDS Exon 9 of transcript AGAP000467-PA
JHU_Ag_94754	LPEGLFNAIK	AGAP000467-PA	-	44	0.000367612	2	1101.634	2.96	Salivary gland	X:+:8079600-8079629	exon=> In CDS Exon 4 of transcript AGAP000467-PA
JHU_Ag_99698	ERPAVVLDIANSVVK	AGAP000467-PA	-	104	8.65E-11	1	1609.928	0.32	Head	X:+:8079285-8079329	exon=> In CDS Exon 4 of transcript AGAP000467-PA
JHU_Ag_15801	LDDEIYIAPSGVQK	AGAP000470-PA	-	36	0.004094206	2	1547.796	0.3	Visceras	X:+:8108665-8108669,8108786-8108822	exon=> In CDS Exon 2 and 3 of transcript AGAP000470-PA
JHU_Ag_42962	IQPDDLFIQNIEGDDLQTPPDYK	AGAP000470-PA	-	49	0.000187489	2	2674.296	2.83	Head	X:+:8108829-8108897	exon=> In CDS Exon 3 of transcript AGAP000470-PA
JHU_Ag_44909	DYPGTSAILVR	AGAP000470-PA	-	44	0.00064843	2	1191.639	1.87	Male reproductive organs	X:+:8109267-8109299	exon=> In CDS Exon 4 of transcript AGAP000470-PA
JHU_Ag_44956	VGLDANAVPK	AGAP000470-PA	-	39	0.001037743	2	983.551	-0.96	Salivary gland	X:+:8109488-8109517	exon=> In CDS Exon 5 of transcript AGAP000470-PA

JHU_Ag_48975	SSIYQDLSEEHPR	AGAP000470-PA	-	98	1.89E-09	1	1560.734	3.52	Malpighian tubule	X:+:8105469-8105495,8108575-8108586	exon=> In CDS Exon 1 and 2 of transcript AGAP000470-PA
JHU_Ag_56929	LDDEIYIAPSGVQK	AGAP000470-PA	-	85	4.97E-08	1	1547.799	2.12	Head	X:+:8108665-8108669,8108786-8108822	exon=> In CDS Exon 2 and 3 of transcript AGAP000470-PA
JHU_Ag_64580	LDDEIYIAPSGVQK	AGAP000470-PA	-	49	0.000194914	2	1547.794	-0.88	Midgut	X:+:8108665-8108669,8108786-8108822	exon=> In CDS Exon 2 and 3 of transcript AGAP000470-PA
JHU_Ag_70327	IQPDDLFIQNIEGDDLQTPPDYKK	AGAP000470-PA	-	32	0.008322806	1	2802.389	2.11	Head	X:+:8108829-8108899,8108993-8108993	exon=> In CDS Exon 3 and 4 of transcript AGAP000470-PA
JHU_Ag_81563	DLEESMANALR	AGAP000470-PA	M6(Oxidation)	67	2.41E-06	1	1264.587	2.16	Head	X:+:8109234-8109266	exon=> In CDS Exon 4 of transcript AGAP000470-PA
JHU_Ag_99574	LDDEIYIAPSGVQK	AGAP000470-PA	-	41	0.001232902	2	1547.797	0.93	Salivary gland	X:+:8108665-8108669,8108786-8108822	exon=> In CDS Exon 2 and 3 of transcript AGAP000470-PA
JHU_Ag_111926	NLMYDEELVVPIIENTLFEK	AGAP000470-PA	M3(Oxidation)	78	2.10E-07	1	2425.221	0.12	Ovary	X:+:8109174-8109233	exon=> In CDS Exon 4 of transcript AGAP000470-PA
JHU_Ag_81362	VACEVFQTLLSSHGADAR	AGAP000472-PA	C3(Carbamidomethyl)	75	5.54E-07	1	1960.958	1.68	Salivary gland	X:-:8126515-8126462	exon=> In CDS Exon 4 of transcript AGAP000472-PA
JHU_Ag_80597	LAIPVPASLPAR	AGAP000474-PA	-	28	0.001918418	1	1204.740	-1.04	Ovary	X:+:8224240-8224275	exon=> In CDS Exon 2 of transcript AGAP000474-PA
JHU_Ag_32200	AVFLLPAQK	AGAP000479-PA	-	34	0.003194023	1	986.603	-0.62	Ovary	X:+:8427490-8427516	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_35253	GLVYACNLQSVPR	AGAP000479-PA	C6(Carbamidomethyl)	38	0.002442261	1	1476.767	2.68	Ovary	X:+:8427145-8427183	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_45348	APVTNAFFLVTPR	AGAP000479-PA	-	118	1.09E-11	1	1432.798	2.09	Ovary	X:+:8427367-8427405	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_73332	VVVWSLAR	AGAP000479-PA	-	56	1.71E-05	2	929.559	1.96	Ovary	X:+:8426875-8426898	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_79134	SEEGPAPVAVGGISSSSSSSK	AGAP000479-PA	-	91	1.28E-08	1	1919.923	2.04	Ovary	X:+:8427535-8427597	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_79833	NGGPAGPNTLHPVGNQCVVAGNLTKPLLTFWPINR	AGAP000479-PA	C17(Carbamidomethyl),"N1(Deamidated),C17(Carbamidomethyl)"	85	1.93E-08	1	3710.936	3.67	Ovary	X:+:8426545-8426649	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_82104	MLYELADFTLPVSDVLVGK	AGAP000479-PA	M1(Oxidation)	100	1.01E-09	1	2126.114	2.34	Ovary	X:+:8426926-8426982	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_97511	ALLAAVSLDR	AGAP000479-PA	-	62	4.39E-06	2	1028.609	-0.73	Ovary	X:+:8426995-8427024	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_101190	FTDDGSHFVSAGQDCR	AGAP000479-PA	C15(Carbamidomethyl)	59	6.97E-06	1	1798.750	2.66	Ovary	X:+:8426827-8426874	exon=> In CDS Exon 1 of transcript AGAP000479-PA
JHU_Ag_65171	MNTADDGHDEIVSFLLVDKLSR	AGAP000480-PA	N-Term(Acetyl),M1(Oxidation)	59	1.90E-05	1	2533.231	2.82	Malpighian tubule	X:-:8429151-8429086	exon=> In CDS Exon 1 of transcript AGAP000480-PA
JHU_Ag_80078	LSYDFTHTYNLHDLHTNGGVR	AGAP000480-PA	N17(Deamidated)	115	4.75E-11	1	2461.165	4.61	Ovary	X:-:8428742-8428680	exon=> In CDS Exon 2 of transcript AGAP000480-PA
JHU_Ag_84961	KPYGASALCDAHTTPVTDIQFAK	AGAP000480-PA	C9(Carbamidomethyl)	48	0.000228943	1	2491.232	1.29	Ovary	X:-:8428226-8428158	exon=> In CDS Exon 3 of transcript AGAP000480-PA
JHU_Ag_87591	DESSKPVFSVETCVEEDRDLNKPTCINHFPK	AGAP000480-PA	C13(Carbamidomethyl),C25(Carbamidomethyl)	57	2.06E-05	1	3677.739	4.86	Ovary	X:-:8428469-8428377	exon=> In CDS Exon 2 of transcript AGAP000480-PA
JHU_Ag_16817	STWLYVVPEGLR	AGAP000481-PA	-	47	0.000278747	2	1419.764	0.67	Midgut	X:+:8435384-8435419	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_19266	SDVEALGK	AGAP000481-PA	-	38	0.004395193	2	818.427	1.26	Malpighian tubule	X:+:8433314-8433337	exon=> In CDS Exon 1 of transcript AGAP000481-PA

JHU_Ag_21542	GSADFFAYNYYSSR	AGAP000481-PA	-	78	1.12E-07	1	1647.707	-0.29	Midgut	X:+:8435237-8435278	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_32558	AEYNAAEPPAWR	AGAP000481-PA	-	43	0.000639935	2	1374.643	-0.46	Salivary gland	X:+:8435297-8435332	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_36275	EYADTLFWNFGDR	AGAP000481-PA	-	74	3.51E-07	1	1633.721	-4.27	Midgut	X:+:8433563-8433601	exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_42115	IGITLSGR	AGAP000481-PA	-	73	7.87E-07	2	816.494	-0.15	Pupa	X:+:8434933-8434956	exon=> In CDS Exon 2 of transcript AGAP000481-PA
JHU_Ag_42838	GPSVWDTLTHTHPELVVDGATGDR	AGAP000481-PA	-	112	1.15E-10	1	2560.247	1.69	Pupa	X:+:8433215-8433286	exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_57454	GSADFFAYNYYSSR	AGAP000481-PA	-	76	2.00E-07	1	1647.712	2.67	Pupa	X:+:8435237-8435278	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_61238	YRNPTVLITENGYSDDGQLDDAAR	AGAP000481-PA	-	49	0.000184789	1	2683.254	-2.04	Midgut	X:+:8435447-8435518	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_64414	VGFNYYR	AGAP000481-PA	-	41	0.001361564	1	918.446	-0.55	Salivary gland	X:+:8433338-8433358	exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_65283	IGITLSGR	AGAP000481-PA	-	50	0.000155658	2	816.494	0.6	Malpighian tubule	X:+:8434933-8434956	exon=> In CDS Exon 2 of transcript AGAP000481-PA
JHU_Ag_69534	ILQSVDPGWSR	AGAP000481-PA	-	55	4.36E-05	2	1257.658	-0.24	Pupa	X:+:8435345-8435377	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_75629	IGITLSGR	AGAP000481-PA	-	59	2.11E-05	2	816.494	0.6	Salivary gland	X:+:8434933-8434956	exon=> In CDS Exon 2 of transcript AGAP000481-PA
JHU_Ag_80965	IGITLSGR	AGAP000481-PA	-	50	0.000167175	2	816.494	0	Midgut	X:+:8434933-8434956	exon=> In CDS Exon 2 of transcript AGAP000481-PA
JHU_Ag_88836	EYADTLFWNFGDR	AGAP000481-PA	-	76	2.58E-07	2	1633.733	3.05	Pupa	X:+:8433563-8433601	exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_102258	LPSFTSAER	AGAP000481-PA	-	40	0.001687612	1	1007.515	-0.92	Pupa	X:+:8435198-8435224	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_104376	VGFNYYR	AGAP000481-PA	-	39	0.002210141	2	918.448	0.98	Malpighian tubule	X:+:8433338-8433358	exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_109702	VGFNYYR	AGAP000481-PA	-	51	0.000143231	2	918.447	-0.28	Pupa	X:+:8433338-8433358	exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_111116	ILQSVDPGWSR	AGAP000481-PA	-	63	6.95E-06	1	1257.657	-1.21	Midgut	X:+:8435345-8435377	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_116715	LPSFTSAER	AGAP000481-PA	-	41	0.001312719	2	1007.515	-0.25	Midgut	X:+:8435198-8435224	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_117039	IDYYAR	AGAP000481-PA	-	31	0.005479914	1	800.395	1.2	Malpighian tubule	X:+:8435519-8435536	exon=> In CDS Exon 3 of transcript AGAP000481-PA
JHU_Ag_5369	GTLPEQLEALIYR	AGAP000482-PA	-	109	1.37E-10	1	1502.825	2.33	Ovary	X:-:8439032-8438994	exon=> In CDS Exon 2 of transcript AGAP000482-PA
JHU_Ag_36678	QLIFVLQLR	AGAP000482-PA	-	41	9.02E-05	1	1129.709	-0.51	Ovary	X:-:8438798-8438772	exon=> In CDS Exon 3 of transcript AGAP000482-PA
JHU_Ag_40254	TVFDGYVQQLEESR	AGAP000482-PA	-	107	3.10E-10	2	1670.805	1.5	Ovary	X:-:8439125-8439084	exon=> In CDS Exon 2 of transcript AGAP000482-PA
JHU_Ag_52673	LSAALLDEDDVR	AGAP000482-PA	-	50	0.000173985	2	1316.671	1.06	Ovary	X:-:8438993-8439280,8438721-8438871	exon=> In CDS Exon 3 and 2 of transcript AGAP000482-PA
JHU_Ag_73870	RIDLLYDQWAK	AGAP000482-PA	-	50	9.44E-05	1	1420.765	4.62	Ovary	X:-:8439065-8439033	exon=> In CDS Exon 2 of transcript AGAP000482-PA
JHU_Ag_8267	SDIVFR	AGAP000489-PA	-	56	2.33E-05	2	736.399	-0.33	Male reproductive organs	X:-:8645239-8645222	exon=> In CDS Exon 2 of transcript AGAP000489-PA
JHU_Ag_15238	THRPTFASITQTLDNLAR	AGAP000489-PA	-	34	0.003206388	1	2042.095	8.26	Ovary	X:-:8635966-8635913	exon=> In CDS Exon 10 of transcript AGAP000489-PA
JHU_Ag_40585	SDIVFR	AGAP000489-PA	-	49	0.000182866	2	736.399	0.66	Midgut	X:-:8645239-8645222	exon=> In CDS Exon 2 of transcript AGAP000489-PA

JHU_Ag_115128	SDIVFR	AGAP000489-PA	-	46	0.000370794	2	736.399	0.41	Ovary	X:-:8645239-8645222	exon=> In CDS Exon 2 of transcript AGAP000489-PA
JHU_Ag_45546	APAATAAPVVDLSTEELDWIQMRK	AGAP000491-PA	M22(Oxidation)	59	1.29E-05	1	2628.342	2.94	Malpighian tubule	X:-:8681992-8681921	exon=> In CDS Exon 1 of transcript AGAP000491-PA
JHU_Ag_114038	DFSGVHAETTK	AGAP000491-PA	-	36	0.003394068	2	1191.565	0.45	Head	X:-:8681920-8681888	exon=> In CDS Exon 1 of transcript AGAP000491-PA
JHU_Ag_64634	IEDSVSQLR	AGAP000494-PA,AGAP000493-PA	-	38	0.002813666	2	1046.546	-1.69	Visceras	X:+:8717576-8717602;X:-:8703757-8703731	exon=> In CDS Exon 2 of transcript AGAP000494-PA;exon=> In CDS Exon 2 of transcript AGAP000493-PA
JHU_Ag_89792	IEDSVSQLR	AGAP000494-PA,AGAP000493-PA	-	61	1.46E-05	1	1046.544	-3.32	Head	X:+:8717576-8717602;X:-:8703757-8703731	exon=> In CDS Exon 2 of transcript AGAP000494-PA;exon=> In CDS Exon 2 of transcript AGAP000493-PA
JHU_Ag_11531	LQCDDDPPHAYSQTFVLKPIGASFFCAHDIFR	AGAP000498-PA	C3(Carbamidomethyl), C26(Carbamidomethyl)	72	6.89E-07	1	3752.767	1.3	Head	X:+:8763112-8763117,8764149-8764238	exon=> In CDS Exon 3 and 4 of transcript AGAP000498-PA
JHU_Ag_29447	LQSLTFQNITR	AGAP000498-PA	-	63	4.84E-06	1	1320.726	-0.53	Midgut	X:+:8762918-8762923,8763019-8763045	exon=> In CDS Exon 2 and 3 of transcript AGAP000498-PA
JHU_Ag_35503	ALNPQYEEIGK	AGAP000498-PA	N-Term(Acetyl)	47	0.000364582	1	1303.652	-0.34	Head	X:+:8762496-8762528	exon=> In CDS Exon 1 of transcript AGAP000498-PA
JHU_Ag_42015	ALNPQYEEIGK	AGAP000498-PA	N-Term(Acetyl)	44	0.000654328	1	1303.653	-0.24	Midgut	X:+:8762496-8762528	exon=> In CDS Exon 1 of transcript AGAP000498-PA
JHU_Ag_44889	LQSLTFQNITR	AGAP000498-PA	-	52	5.63E-05	2	1320.730	2.24	Malpighian tubule	X:+:8762918-8762923,8763019-8763045	exon=> In CDS Exon 2 and 3 of transcript AGAP000498-PA
JHU_Ag_54060	LQSLTFQNITR	AGAP000498-PA	-	77	1.67E-07	1	1320.728	0.58	Ovary	X:+:8762918-8762923,8763019-8763045	exon=> In CDS Exon 2 and 3 of transcript AGAP000498-PA
JHU_Ag_54492	ALNPQYEEIGK	AGAP000498-PA	N-Term(Acetyl)	75	5.69E-07	1	1303.653	0.45	Ovary	X:+:8762496-8762528	exon=> In CDS Exon 1 of transcript AGAP000498-PA
JHU_Ag_61887	ALNPQYEEIGK	AGAP000498-PA	N-Term(Acetyl)	46	0.000442038	1	1303.654	0.6	Visceras	X:+:8762496-8762528	exon=> In CDS Exon 1 of transcript AGAP000498-PA
JHU_Ag_75698	LQSLTFQNITR	AGAP000498-PA	-	56	1.95E-05	1	1320.730	2.15	Visceras	X:+:8762918-8762923,8763019-8763045	exon=> In CDS Exon 2 and 3 of transcript AGAP000498-PA
JHU_Ag_99904	ILEKLQSLTFQNITR	AGAP000498-PA	-	104	9.56E-11	2	1804.048	8.58	Malpighian tubule	X:+:8762906-8762923,8763019-8763045	exon=> In CDS Exon 2 and 3 of transcript AGAP000498-PA
JHU_Ag_105248	LQCDDDPPHAYSQTFVLKPIGASFFCAHDIFR	AGAP000498-PA	C3(Carbamidomethyl), C26(Carbamidomethyl)	173	5.10E-17	1	3752.778	4.03	Visceras	X:+:8763112-8763117,8764149-8764238	exon=> In CDS Exon 3 and 4 of transcript AGAP000498-PA
JHU_Ag_111033	LQSLTFQNITR	AGAP000498-PA	-	66	2.22E-06	1	1320.732	3.44	Head	X:+:8762918-8762923,8763019-8763045	exon=> In CDS Exon 2 and 3 of transcript AGAP000498-PA
JHU_Ag_27418	VLTAVDSQPMFDGGVLINVLGR	AGAP000498-PA,AGAP007024-PA	M10(Oxidation)	72	5.34E-07	2	2317.224	0.75	Midgut	X:+:8763046-8763111;2L:+:41026247-41026312	exon=> In CDS Exon 3 of transcript AGAP000498-PA;exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_86184	VLTAVDSQPMFDGGVLINVLGR	AGAP000498-PA,AGAP007024-PA	M10(Oxidation)	79	1.07E-07	2	2317.226	1.81	Head	X:+:8763046-8763111;2L:+:41026247-41026312	exon=> In CDS Exon 3 of transcript AGAP000498-PA;exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_105594	VLTAVDSQPMFDGGVLINVLGR	AGAP000498-PA,AGAP007024-PA	M10(Oxidation)	76	2.14E-07	2	2317.234	4.97	Malpighian tubule	X:+:8763046-8763111;2L:+:41026247-41026312	exon=> In CDS Exon 3 of transcript AGAP000498-PA;exon=> In CDS Exon 1 of transcript AGAP007024-PA

JHU_Ag_108554	VLTAVDSQPMFDGGVLINVLGR	AGAP000498-PA,AGAP007024-PA	M10(Oxidation)	56	2.18E-05	1	2317.218	-1.73	Salivary gland	X:+:8763046-8763111;2L:+:41026247-41026312	exon=> In CDS Exon 3 of transcript AGAP000498-PA;exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_13263	LVVFYGSQTGTAEEFAGR	AGAP000500-PC,AGAP000500-PB	-	120	2.14E-11	1	1931.948	-1.19	Midgut	X:+:8794584-8794637;X:+:8794584-8794637	exon=> In CDS Exon 2 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PB
JHU_Ag_14930	GMVADPEECNMEELLMLK	AGAP000500-PC,AGAP000500-PB	M2(Oxidation), C9(Carbamidomethyl), M11(Oxidation), M16(Oxidation)	57	1.20E-05	2	2156.921	-0.59	Midgut	X:+:8794671-8794703,8794819-8794839;X:+:8794671-8794703,8794819-8794839	exon=> In CDS Exon 2 and 3 of transcript AGAP000500-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP000500-PB
JHU_Ag_27902	RLVVFYGSQTGTAEEFAGR	AGAP000500-PC,AGAP000500-PB	-	80	1.37E-07	1	2088.063	5.57	Malpighian tubule	X:+:8794581-8794637;X:+:8794581-8794637	exon=> In CDS Exon 2 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PB
JHU_Ag_51490	RLVVFYGSQTGTAEEFAGR	AGAP000500-PC,AGAP000500-PB	-	80	1.68E-07	2	2088.045	-2.64	Midgut	X:+:8794581-8794637;X:+:8794581-8794637	exon=> In CDS Exon 2 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PB
JHU_Ag_105101	LVVFYGSQTGTAEEFAGR	AGAP000500-PC,AGAP000500-PB	-	117	4.05E-11	2	1931.957	3.61	Malpighian tubule	X:+:8794584-8794637;X:+:8794584-8794637	exon=> In CDS Exon 2 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PB
JHU_Ag_968	VPIFIR	AGAP000500-PC,AGAP000500-PD	-	33	0.002945447	2	744.476	-0.3	Midgut	X:+:8798160-8798177;X:+:8798160-8798177	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_3370	LCNAELDTVFSLINTDTDSSKK	AGAP000500-PC,AGAP000500-PD	C2(Carbamidomethyl)	55	5.26E-05	1	2471.214	6.64	Malpighian tubule	X:+:8797647-8797712;X:+:8797647-8797712	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_5058	TALTHYLEITALPR	AGAP000500-PC,AGAP000500-PD	-	86	1.69E-08	1	1598.893	1.72	Midgut	X:+:8797743-8797784;X:+:8797743-8797784	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_5314	NIVHVLEDIPSCHPPIDHVCELLPR	AGAP000500-PC,AGAP000500-PD	C12(Carbamidomethyl), C20(Carbamidomethyl)	127	1.73E-12	1	2959.508	5.45	Malpighian tubule	X:+:8797914-8797988;X:+:8797914-8797988	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_5899	VGIYVDKR	AGAP000500-PC,AGAP000500-PD	-	41	0.000670486	2	949.549	2.74	Malpighian tubule	X:+:8797180-8797203;X:+:8797180-8797203	exon=> In CDS Exon 4 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PD
JHU_Ag_7094	LPPKPETPVIMVGPGTGLAPFR	AGAP000500-PC,AGAP000500-PD	M11(Oxidation)	56	7.87E-06	1	2290.269	2.53	Salivary gland	X:+:8798193-8798258;X:+:8798193-8798258	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_7589	GHFYICGDAK	AGAP000500-PC,AGAP000500-PD	C6(Carbamidomethyl)	30	0.009231478	2	1167.524	-1.15	Head	X:+:8798585-8798604,8798698-8798707;X:+:8798585-8798604,8798698-8798707	exon=> In CDS Exon 6 and 7 of transcript AGAP000500-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000500-PD
JHU_Ag_7603	VPIFIR	AGAP000500-PC,AGAP000500-PD	-	30	0.005421897	2	744.478	1.09	Head	X:+:8798160-8798177;X:+:8798160-8798177	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_11393	YQEWVQDSCR	AGAP000500-PC,AGAP000500-PD	C9(Carbamidomethyl)	48	9.13E-05	2	1370.583	2.3	Malpighian tubule	X:+:8797884-8797913;X:+:8797884-8797913	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_11741	LPPKPETPVIMVGPGTGLAPFR	AGAP000500-PC,AGAP000500-PD	M11(Oxidation)	43	0.000155368	1	2290.267	1.65	Pupa	X:+:8798193-8798258;X:+:8798193-8798258	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD

JHU_Ag_11830	RLEELGANR	AGAP000500-PC,AGAP000500-PD	-	41	0.000780574	1	1057.571	-4.1	Head	X:+:8797201-8797227;X:+:8797201-8797227	exon=> In CDS Exon 4 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PD
JHU_Ag_13079	YEAGDHLAMYPVNDRDLVER	AGAP000500-PC,AGAP000500-PD	M9(Oxidation)	69	1.49E-06	1	2379.104	0.28	Midgut	X:+:8797578-8797637;X:+:8797578-8797637	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_15198	VPIFIR	AGAP000500-PC,AGAP000500-PD	-	31	0.004458115	1	744.479	3.06	Salivary gland	X:+:8798160-8798177;X:+:8798160-8798177	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_16360	LHPTTVHVTAVLVKYETK	AGAP000500-PC,AGAP000500-PD	-	32	0.001782269	1	2036.161	3.36	Malpighian tubule	X:+:8798028-8798081;X:+:8798028-8798081	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_24386	LEELGANR	AGAP000500-PC,AGAP000500-PD	-	44	0.000618749	2	901.474	-0.22	Midgut	X:+:8797204-8797227;X:+:8797204-8797227	exon=> In CDS Exon 4 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PD
JHU_Ag_26573	FISSTAPDGK	AGAP000500-PC,AGAP000500-PD	-	45	0.000409942	1	1022.514	-1.18	Salivary gland	X:+:8797848-8797877;X:+:8797848-8797877	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_26974	RLEELGANR	AGAP000500-PC,AGAP000500-PD	-	41	0.000990703	2	1057.577	1.67	Midgut	X:+:8797201-8797227;X:+:8797201-8797227	exon=> In CDS Exon 4 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PD
JHU_Ag_31916	RGIINLR	AGAP000500-PC,AGAP000500-PD	-	35	0.000758531	2	841.539	2.51	Malpighian tubule	X:+:8798468-8798488;X:+:8798468-8798488	exon=> In CDS Exon 6 of transcript AGAP000500-PC;exon=> In CDS Exon 4 of transcript AGAP000500-PD
JHU_Ag_32616	RSEDYIYEDELEDYSK	AGAP000500-PC,AGAP000500-PD	-	100	6.81E-10	1	2053.887	-0.04	Midgut	X:+:8798340-8798366,8798447-8798467;X:+:8798340-8798366,8798447-8798467	exon=> In CDS Exon 5 and 6 of transcript AGAP000500-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000500-PD
JHU_Ag_32835	SEDYIYEDELEDYSK	AGAP000500-PC,AGAP000500-PD	-	98	4.42E-10	1	1897.780	-3.04	Midgut	X:+:8798343-8798366,8798447-8798467;X:+:8798343-8798366,8798447-8798467	exon=> In CDS Exon 5 and 6 of transcript AGAP000500-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000500-PD
JHU_Ag_38410	YQEWVQDSCR	AGAP000500-PC,AGAP000500-PD	C9(Carbamidomethyl)	47	9.18E-05	2	1370.579	-0.19	Midgut	X:+:8797884-8797913;X:+:8797884-8797913	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_39337	VPIFIR	AGAP000500-PC,AGAP000500-PD	-	32	0.004237905	1	744.479	2.98	Malpighian tubule	X:+:8798160-8798177;X:+:8798160-8798177	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_39576	SEDYIYEDELEDYSK	AGAP000500-PC,AGAP000500-PD	-	108	5.94E-11	1	1897.790	1.97	Salivary gland	X:+:8798343-8798366,8798447-8798467;X:+:8798343-8798366,8798447-8798467	exon=> In CDS Exon 5 and 6 of transcript AGAP000500-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000500-PD
JHU_Ag_41922	VPIFIR	AGAP000500-PC,AGAP000500-PD	-	32	0.004150986	2	744.477	0.19	Pupa	X:+:8798160-8798177;X:+:8798160-8798177	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_42084	GGLSETEAQQYIK	AGAP000500-PC,AGAP000500-PD	-	40	0.001502195	2	1423.707	0.73	Pupa	X:+:8798759-8798797;X:+:8798759-8798797	exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD

JHU_Ag_49162	SQFRLPPKPETPVIMVGPGTGLAPFR	AGAP000500-PC,AGAP000500-PD	M15(Oxidation)	34	0.001524292	1	2808.537	4.97	Malpighian tubule	X:+:8798181-8798258;X:+:8798181-8798258	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_49997	EIGQTTLYFGCR	AGAP000500-PC,AGAP000500-PD	C11(Carbamidomethyl)	70	1.35E-06	2	1444.690	0.45	Midgut	X:+:8798301-8798336;X:+:8798301-8798336	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_50217	YEAGDHLAMYPVNDRDLVER	AGAP000500-PC,AGAP000500-PD	M9(Oxidation)	80	1.45E-07	1	2379.114	4.52	Malpighian tubule	X:+:8797578-8797637;X:+:8797578-8797637	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_50806	GGLSETEAQQYIK	AGAP000500-PC,AGAP000500-PD	-	78	2.26E-07	2	1423.710	2.79	Head	X:+:8798759-8798797;X:+:8798759-8798797	exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD
JHU_Ag_52464	EIGQTTLYFGCR	AGAP000500-PC,AGAP000500-PD	C11(Carbamidomethyl)	47	0.000232882	2	1444.694	3.32	Salivary gland	X:+:8798301-8798336;X:+:8798301-8798336	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_53713	NIVHVLEDIPSCHPPIDHVCELLPR	AGAP000500-PC,AGAP000500-PD	C12(Carbamidomethyl), C20(Carbamidomethyl)	113	4.93E-11	1	2959.504	4.05	Viscera	X:+:8797914-8797988;X:+:8797914-8797988	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_54284	SKGGLSETEAQQYIK	AGAP000500-PC,AGAP000500-PD	-	91	1.14E-08	2	1638.833	-0.43	Midgut	X:+:8798753-8798797;X:+:8798753-8798797	exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD
JHU_Ag_59307	LPPKPETPVIMVGPGTGLAPFR	AGAP000500-PC,AGAP000500-PD	M11(Oxidation)	57	6.77E-06	1	2290.271	3.33	Head	X:+:8798193-8798258;X:+:8798193-8798258	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_59752	VPIFIRK	AGAP000500-PC,AGAP000500-PD	-	38	9.65E-05	1	872.574	2.75	Malpighian tubule	X:+:8798160-8798180;X:+:8798160-8798180	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_61389	GGLSETEAQQYIK	AGAP000500-PC,AGAP000500-PD	-	84	6.52E-08	1	1423.710	2.28	Salivary gland	X:+:8798759-8798797;X:+:8798759-8798797	exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD
JHU_Ag_62841	GVATTFLAEK	AGAP000500-PC,AGAP000500-PD	-	52	5.52E-05	2	1036.571	3.22	Salivary gland	X:+:8798100-8798129;X:+:8798100-8798129	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_69811	GGLSETEAQQYIK	AGAP000500-PC,AGAP000500-PD	-	76	3.36E-07	1	1423.711	2.96	Malpighian tubule	X:+:8798759-8798797;X:+:8798759-8798797	exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD
JHU_Ag_69903	TALTHYLEITALPR	AGAP000500-PC,AGAP000500-PD	-	99	6.71E-10	1	1598.902	7.6	Malpighian tubule	X:+:8797743-8797784;X:+:8797743-8797784	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_70188	LPPKPETPVIMVGPGTGLAPFR	AGAP000500-PC,AGAP000500-PD	M11(Oxidation)	77	5.22E-08	1	2274.268	-0.07	Midgut	X:+:8798193-8798258;X:+:8798193-8798258	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_71091	FISSTAPDGK	AGAP000500-PC,AGAP000500-PD	-	50	0.000159153	2	1022.516	0.19	Pupa	X:+:8797848-8797877;X:+:8797848-8797877	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_72370	GVATTFLAEK	AGAP000500-PC,AGAP000500-PD	-	39	0.001174991	2	1036.566	-1.38	Malpighian tubule	X:+:8798100-8798129;X:+:8798100-8798129	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_75899	YQEWVQDSCR	AGAP000500-PC,AGAP000500-PD	C9(Carbamidomethyl)	54	2.09E-05	2	1370.582	1.85	Salivary gland	X:+:8797884-8797913;X:+:8797884-8797913	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_76646	GVATTFLAEKHPNDGEPAPR	AGAP000500-PC,AGAP000500-PD	-	99	2.09E-09	1	2107.055	-0.93	Midgut	X:+:8798100-8798159;X:+:8798100-8798159	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD

JHU_Ag_77134	GVATTFLAEKHPNDGEPAPR	AGAP000500-PC,AGAP000500-PD	-	73	7.94E-07	1	2107.058	0.37	Visceras	X:+:8798100-8798159;X:+:8798100-8798159	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_79602	LPPKPETPVIMVGPGTGLAPFR	AGAP000500-PC,AGAP000500-PD	M11(Oxidation)	75	1.00E-07	1	2290.278	6.52	Malpighian tubule	X:+:8798193-8798258;X:+:8798193-8798258	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_81096	SKGGLSETEAQQYIK	AGAP000500-PC,AGAP000500-PD	-	94	6.51E-09	1	1638.840	3.96	Malpighian tubule	X:+:8798753-8798797;X:+:8798753-8798797	exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD
JHU_Ag_81892	SEDYIYEDELEDYSK	AGAP000500-PC,AGAP000500-PD	-	69	4.36E-07	1	1897.790	1.97	Malpighian tubule	X:+:8798343-8798366,8798447-8798467;X:+:8798343-8798366,8798447-8798467	exon=> In CDS Exon 5 and 6 of transcript AGAP000500-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000500-PD
JHU_Ag_82870	LPPKPETPVIMVGPGTGLAPFR	AGAP000500-PC,AGAP000500-PD	M11(Oxidation)	45	9.27E-05	3	2290.279	6.84	Larva	X:+:8798193-8798258;X:+:8798193-8798258	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_85403	LCNAELDTVFSLINTDTDSSKK	AGAP000500-PC,AGAP000500-PD	C2(Carbamidomethyl)	95	4.61E-09	1	2471.199	0.64	Salivary gland	X:+:8797647-8797712;X:+:8797647-8797712	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_86870	TALTHYLEITALPR	AGAP000500-PC,AGAP000500-PD	-	77	1.55E-07	1	1598.898	5.23	Head	X:+:8797743-8797784;X:+:8797743-8797784	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_90964	TALTHYLEITALPR	AGAP000500-PC,AGAP000500-PD	-	53	3.81E-05	1	1598.891	0.34	Pupa	X:+:8797743-8797784;X:+:8797743-8797784	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_94094	LEELGANR	AGAP000500-PC,AGAP000500-PD	-	42	0.000810116	2	901.463	-11.94	Ovary	X:+:8797204-8797227;X:+:8797204-8797227	exon=> In CDS Exon 4 of transcript AGAP000500-PC;exon=> In CDS Exon 2 of transcript AGAP000500-PD
JHU_Ag_102099	RSEDYIYEDELEDYSK	AGAP000500-PC,AGAP000500-PD	-	127	1.31E-12	1	2053.889	0.79	Malpighian tubule	X:+:8798340-8798366,8798447-8798467;X:+:8798340-8798366,8798447-8798467	exon=> In CDS Exon 5 and 6 of transcript AGAP000500-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000500-PD
JHU_Ag_102481	AKYQEWVQDSCR	AGAP000500-PC,AGAP000500-PD	C11(Carbamidomethyl)	82	6.83E-08	2	1569.719	4.8	Malpighian tubule	X:+:8797878-8797913;X:+:8797878-8797913	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_103354	GVATTFLAEKHPNDGEPAPR	AGAP000500-PC,AGAP000500-PD	-	105	4.88E-10	1	2107.062	2.55	Malpighian tubule	X:+:8798100-8798159;X:+:8798100-8798159	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_105050	FISSTAPDGK	AGAP000500-PC,AGAP000500-PD	-	45	0.000428046	1	1022.518	2.7	Malpighian tubule	X:+:8797848-8797877;X:+:8797848-8797877	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_105513	GVATTFLAEKHPNDGEPAPR	AGAP000500-PC,AGAP000500-PD	-	68	2.29E-06	1	2107.057	0.2	Pupa	X:+:8798100-8798159;X:+:8798100-8798159	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_106411	RSEDYIYEDELEDYSK	AGAP000500-PC,AGAP000500-PD	-	108	1.03E-10	2	2053.892	2.1	Head	X:+:8798340-8798366,8798447-8798467;X:+:8798340-8798366,8798447-8798467	exon=> In CDS Exon 5 and 6 of transcript AGAP000500-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000500-PD

JHU_Ag_108244	NIVHVLEDIPSCHPPIDHVCELLPR	AGAP000500-PC,AGAP000500-PD	C12(Carbamidomethyl), C20(Carbamidomethyl)	68	1.73E-06	1	2959.504	4.13	Head	X:+:8797914-8797988;X:+:8797914-8797988	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_109508	FISSTAPDGKAK	AGAP000500-PC,AGAP000500-PD	-	43	0.000650045	1	1221.651	2.55	Malpighian tubule	X:+:8797848-8797883;X:+:8797848-8797883	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_111216	NIVHVLEDIPSCHPPIDHVCELLPR	AGAP000500-PC,AGAP000500-PD	C12(Carbamidomethyl), C20(Carbamidomethyl)	109	1.11E-10	1	2959.507	5.29	Midgut	X:+:8797914-8797988;X:+:8797914-8797988	exon=> In CDS Exon 5 of transcript AGAP000500-PC;exon=> In CDS Exon 3 of transcript AGAP000500-PD
JHU_Ag_111385	SEDYIYEDELEDYSKR	AGAP000500-PC,AGAP000500-PD	-	43	0.000313964	1	2053.887	-0.41	Midgut	X:+:8798343-8798366,8798447-8798470;X:+:8798343-8798366,8798447-8798470	exon=> In CDS Exon 5 and 6 of transcript AGAP000500-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000500-PD
JHU_Ag_27036	VLISELLFGSGR	AGAP000501-PA	-	58	9.40E-06	2	1290.743	0.9	Ovary	X:+:8801839-8801874	exon=> In CDS Exon 1 of transcript AGAP000501-PA
JHU_Ag_34855	VLISELLFGSGR	AGAP000501-PA	-	84	2.06E-08	2	1290.746	3.17	Malpighian tubule	X:+:8801839-8801874	exon=> In CDS Exon 1 of transcript AGAP000501-PA
JHU_Ag_76285	RLIALR	AGAP000504-PA	-	29	0.002514332	1	741.508	-1.35	Head	X:-:8864885-8864868	exon=> In CDS Exon 9 of transcript AGAP000504-PA
JHU_Ag_24452	EAILEAVELAVK	AGAP000508-PA	-	74	2.94E-07	2	1284.738	-2.48	Midgut	X:-:8964995-8964960	exon=> In CDS Exon 1 of transcript AGAP000508-PA
JHU_Ag_43240	TNLWVAESFCGK	AGAP000508-PA	C10(Carbamidomethyl)	77	2.95E-07	2	1411.669	1.21	Midgut	X:-:8964938-8964903	exon=> In CDS Exon 1 of transcript AGAP000508-PA
JHU_Ag_55217	TGEQQLAEWEEAMR	AGAP000508-PA	M13(Oxidation)	95	2.35E-09	2	1677.746	-4.64	Midgut	X:-:8964770-8964729	exon=> In CDS Exon 1 of transcript AGAP000508-PA
JHU_Ag_67893	EAILEAVELAVK	AGAP000508-PA	-	36	0.001672197	2	1284.742	0.56	Ovary	X:-:8964995-8964960	exon=> In CDS Exon 1 of transcript AGAP000508-PA
JHU_Ag_66038	ILQPDGPQTPNEESSLR	AGAP000509-PA	-	65	5.34E-06	1	1880.934	-0.69	Head	X:+:8973967-8974017	exon=> In CDS Exon 4 of transcript AGAP000509-PA
JHU_Ag_1681	LGFGCTGIHTAPDPVR	AGAP000513-PB	C5(Carbamidomethyl)	100	1.55E-09	1	1697.843	0.32	Midgut	X:+:9096166-9096213	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_6444	LGFGCTGIHTAPDPVR	AGAP000513-PB	C5(Carbamidomethyl)	43	0.000686395	1	1697.854	6.68	Malpighian tubule	X:+:9096166-9096213	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_20345	VLQHGVPYVGSSAGTNVATR	AGAP000513-PB	-	103	6.19E-10	1	2013.057	2.8	Malpighian tubule	X:+:9096316-9096375	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_22001	VLQHGVPYVGSSAGTNVATR	AGAP000513-PB	-	88	1.87E-08	1	2013.053	0.62	Visceras	X:+:9096316-9096375	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_29192	KGEESVLYK	AGAP000513-PB	-	41	0.000703772	1	1052.562	-0.1	Visceras	X:+:9096661-9096687	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_29521	ATLVGPQPAVPGTPYDAR	AGAP000513-PB	-	54	4.29E-05	1	1809.951	0.84	Male reproductive organs	X:+:9096598-9096651	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_30601	ATLVGPQPAVPGTPYDAR	AGAP000513-PB	-	90	1.26E-08	1	1809.951	0.97	Ovary	X:+:9096598-9096651	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_32163	QLLLMSSSAVHGFGYLEHAESDLTSFLK	AGAP000513-PB	M5(Oxidation)	65	3.78E-06	1	3096.541	1.9	Ovary	X:+:9095925-9096008	exon=> In CDS Exon 1 of transcript AGAP000513-PB
JHU_Ag_46075	INQFHELNEAPVLGLAEGTALFVDGDR	AGAP000513-PB	-	31	0.009092804	3	2925.481	2.18	Head	X:+:9096517-9096597	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_50781	VLQHGVPYVGSSAGTNVATR	AGAP000513-PB	-	84	5.20E-08	1	2013.054	1.52	Ovary	X:+:9096316-9096375	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_51439	VGSDLSFLLR	AGAP000513-PB	-	78	1.71E-07	2	1106.621	0.26	Ovary	X:+:9096688-9096717	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_57316	INQFHELNEAPVLGLAEGTALFVDGDR	AGAP000513-PB	N8(Deamidated)	161	9.47E-16	1	2925.470	-1.33	Midgut	X:+:9096517-9096597	exon=> In CDS Exon 2 of transcript AGAP000513-PB

JHU_Ag_57594	VGSDLSFLLRE	AGAP000513-PB	-	99	1.33E-09	2	1235.670	5.27	Malpighian tubule	X:+:9096688-9096720	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_58300	ATLVGPQPAVPGTPYDAR	AGAP000513-PB	-	82	7.47E-08	1	1809.949	-0.24	Midgut	X:+:9096598-9096651	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_69103	QLVGPIRER	AGAP000513-PB	-	31	0.003058164	1	1067.633	0.56	Malpighian tubule	X:+:9096289-9096315	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_75963	ATLVGPQPAVPGTPYDAR	AGAP000513-PB	-	104	4.31E-10	1	1809.953	2.12	Visceras	X:+:9096598-9096651	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_84031	VLQHGVPYVGSSAGTNVATR	AGAP000513-PB	-	108	2.16E-10	1	2013.057	2.7	Head	X:+:9096316-9096375	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_85287	INQFHELNEAPVLGLAEGTALFVDGDR	AGAP000513-PB	-	99	1.49E-09	1	2925.480	1.8	Ovary	X:+:9096517-9096597	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_87952	HNSVQEVLFVPYALTDHDGYTER	AGAP000513-PB	-	66	4.13E-06	3	2690.281	-1.51	Head	X:+:9096009-9096010,9096078-9096144	exon=> In CDS Exon 1 and 2 of transcript AGAP000513-PB
JHU_Ag_88501	VGSDLSFLLRE	AGAP000513-PB	-	61	8.97E-06	1	1235.664	1.12	Ovary	X:+:9096688-9096720	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_89757	KGEESVLYK	AGAP000513-PB	-	46	0.000260875	1	1052.562	-0.34	Ovary	X:+:9096661-9096687	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_91712	VGSDLSFLLRE	AGAP000513-PB	-	78	1.77E-07	2	1235.664	0.53	Midgut	X:+:9096688-9096720	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_92512	ATLVGPQPAVPGTPYDAR	AGAP000513-PB	-	74	4.47E-07	1	1809.954	2.72	Head	X:+:9096598-9096651	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_92883	HNSVQEVLFVPYALTDHDGYTER	AGAP000513-PB	-	169	2.19E-16	1	2690.283	-0.55	Midgut	X:+:9096009-9096010,9096078-9096144	exon=> In CDS Exon 1 and 2 of transcript AGAP000513-PB
JHU_Ag_102561	VGSDLSFLLRE	AGAP000513-PB	-	98	1.76E-09	2	1235.665	1.32	Visceras	X:+:9096688-9096720	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_105153	HNSVQEVLFVPYALTDHDGYTER	AGAP000513-PB	-	173	7.68E-17	1	2690.283	-0.42	Ovary	X:+:9096009-9096010,9096078-9096144	exon=> In CDS Exon 1 and 2 of transcript AGAP000513-PB
JHU_Ag_105951	KGEESVLYK	AGAP000513-PB	-	36	0.001815772	1	1052.564	1.75	Malpighian tubule	X:+:9096661-9096687	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_106139	HNSVQEVLFVPYALTDHDGYTER	AGAP000513-PB	-	155	5.39E-15	1	2690.288	1.08	Malpighian tubule	X:+:9096009-9096010,9096078-9096144	exon=> In CDS Exon 1 and 2 of transcript AGAP000513-PB
JHU_Ag_107389	VLQHGVPYVGSSAGTNVATR	AGAP000513-PB	-	74	5.32E-07	1	2013.051	-0.39	Midgut	X:+:9096316-9096375	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_109712	HNSVQEVLFVPYALTDHDGYTER	AGAP000513-PB	-	154	6.88E-15	1	2690.287	1.01	Visceras	X:+:9096009-9096010,9096078-9096144	exon=> In CDS Exon 1 and 2 of transcript AGAP000513-PB
JHU_Ag_109766	VLQHGVPYVGSSAGTNVATR	AGAP000513-PB	-	35	0.003772337	1	2013.052	0.56	Male reproductive organs	X:+:9096316-9096375	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_110946	INQFHELNEAPVLGLAEGTALFVDGDR	AGAP000513-PB	-	79	1.40E-07	3	2925.483	3.05	Visceras	X:+:9096517-9096597	exon=> In CDS Exon 2 of transcript AGAP000513-PB
JHU_Ag_111312	QLLLMSSSAVHGFGYLEHAESDLTSFLK	AGAP000513-PB	-	82	7.46E-08	1	3080.533	-2.33	Midgut	X:+:9095925-9096008	exon=> In CDS Exon 1 of transcript AGAP000513-PB
JHU_Ag_52498	SHTILLVQPGQHPETR	AGAP000516-PA	N-Term(Acetyl)	105	3.20E-10	1	1854.984	0.8	Ovary	X:-:9115246-9115199	exon=> In CDS Exon 1 of transcript AGAP000516-PA
JHU_Ag_67978	SHTILLVQPGQHPETR	AGAP000516-PA	N-Term(Acetyl)	112	6.90E-11	1	1854.986	1.88	Head	X:-:9115246-9115199	exon=> In CDS Exon 1 of transcript AGAP000516-PA
JHU_Ag_76010	SHTILLVQPGQHPETR	AGAP000516-PA	N-Term(Acetyl)	98	1.66E-09	1	1854.983	0.21	Malpighian tubule	X:-:9115246-9115199	exon=> In CDS Exon 1 of transcript AGAP000516-PA
JHU_Ag_81434	IYVLLR	AGAP000516-PA	-	26	0.001734049	1	776.502	-0.54	Ovary	X:-:9114899-9114882	exon=> In CDS Exon 2 of transcript AGAP000516-PA

JHU_Ag_117076	SHTILLVQPGQHPETR	AGAP000516-PA	N-Term(Acetyl)	88	1.62E-08	1	1854.992	5.34	Midgut	X:-:9115246-9115199	exon=> In CDS Exon 1 of transcript AGAP000516-PA
JHU_Ag_2014	LSPDWCFIDSCTAER	AGAP000519-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	102	4.30E-10	1	1856.799	2.48	Head	X:+:9257341-9257368,9257478-9257494	exon=> In CDS Exon 10 and 11 of transcript AGAP000519-PA
JHU_Ag_9718	VSIPR	AGAP000519-PA	-	30	0.003297018	1	571.355	-1.48	Pupa	X:+:9254011-9254025	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_13811	QSAVNLGSLEVPVTDLEQVR	AGAP000519-PA	-	131	5.06E-13	1	2154.147	3.06	Head	X:+:9257236-9257295	exon=> In CDS Exon 10 of transcript AGAP000519-PA
JHU_Ag_13954	QVFDLTQGGPR	AGAP000519-PA	-	56	4.58E-05	2	1217.632	3.91	Head	X:+:9254161-9254193	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_22518	FQWLLNPR	AGAP000519-PA	-	53	9.33E-05	1	1073.591	1.29	Head	X:+:9254137-9254160	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_23153	GLAEFVTLECDGK	AGAP000519-PA	C10(Carbamidomethyl)	90	1.48E-08	2	1438.691	1.66	Head	X:+:9256588-9256626	exon=> In CDS Exon 8 of transcript AGAP000519-PA
JHU_Ag_23412	EACFNPER	AGAP000519-PA	C3(Carbamidomethyl)	45	0.000176669	2	1022.437	1.22	Head	X:+:9253846-9253869	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_31160	VEPNTSVPNTGDGK	AGAP000519-PA	-	50	0.000150987	2	1414.679	-1.28	Head	X:+:9256287-9256328	exon=> In CDS Exon 7 of transcript AGAP000519-PA
JHU_Ag_31398	SLSGPPAATASDIPSR	AGAP000519-PA	-	128	2.43E-12	1	1526.785	2.76	Head	X:+:9257714-9257761	exon=> In CDS Exon 11 of transcript AGAP000519-PA
JHU_Ag_36092	VHAIVFLNIPSYGGGTHPWNK	AGAP000519-PA	-	86	2.11E-08	1	2307.214	4.53	Head	X:+:9256657-9256688,9256764-9256794	exon=> In CDS Exon 8 and 9 of transcript AGAP000519-PA
JHU_Ag_37857	QSAVNLGSLEVPVTDLEQVR	AGAP000519-PA	-	35	0.001792222	1	2154.144	1.7	Visceras	X:+:9257236-9257295	exon=> In CDS Exon 10 of transcript AGAP000519-PA
JHU_Ag_38312	MGLELFR	AGAP000519-PA	M1(Oxidation)	47	0.000205016	2	881.455	-0.07	Head	X:+:9254194-9254198,9254276-9254291	exon=> In CDS Exon 5 and 6 of transcript AGAP000519-PA
JHU_Ag_39774	ILANIGNSDTVLLDR	AGAP000519-PA	-	130	6.58E-13	1	1613.886	0.3	Head	X:+:9256230-9256274	exon=> In CDS Exon 7 of transcript AGAP000519-PA
JHU_Ag_40081	TIPMQVDGEACK	AGAP000519-PA	C11(Carbamidomethyl)	39	0.001806309	1	1348.625	0.87	Head	X:+:9256939-9256974	exon=> In CDS Exon 9 of transcript AGAP000519-PA
JHU_Ag_42902	DLHLQGYSLLSIDSTGQTALHHGAR	AGAP000519-PA	-	105	3.81E-10	1	2690.375	4.01	Head	X:+:9264561-9264635	exon=> In CDS Exon 13 of transcript AGAP000519-PA
JHU_Ag_47746	LGAHGTPVAGSLESGDGGAPCSPQAGK	AGAP000519-PA	C21(Carbamidomethyl)	106	4.47E-10	1	2478.173	2.05	Head	X:+:9257621-9257701	exon=> In CDS Exon 11 of transcript AGAP000519-PA
JHU_Ag_50666	YCGEQPDSPK	AGAP000519-PA	C2(Carbamidomethyl)	43	0.00015888	2	1180.494	-0.32	Head	X:+:9257311-9257340	exon=> In CDS Exon 10 of transcript AGAP000519-PA
JHU_Ag_51410	IMMADYEQHHYDK	AGAP000519-PA	M2(Oxidation), M3(Oxidation)	51	2.71E-05	2	1712.706	1.15	Head	X:+:9257185-9257223	exon=> In CDS Exon 10 of transcript AGAP000519-PA
JHU_Ag_51790	ALGWGGGYTDEPIGK	AGAP000519-PA	-	89	2.30E-08	1	1520.746	5.07	Head	X:+:9254433-9254450,9256203-9256229	exon=> In CDS Exon 6 and 7 of transcript AGAP000519-PA
JHU_Ag_57670	IGEECTLGTHR	AGAP000519-PA	C5(Carbamidomethyl)	84	3.72E-08	1	1272.602	1.52	Head	X:+:9253870-9253902	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_58336	GLAEFVTLECDGKDLTPK	AGAP000519-PA	C10(Carbamidomethyl)	66	3.80E-06	1	1993.000	2.67	Head	X:+:9256588-9256641	exon=> In CDS Exon 8 of transcript AGAP000519-PA
JHU_Ag_61249	SIVVPPSWIVK	AGAP000519-PA	-	35	0.000655773	1	1224.741	4.6	Head	X:+:9253903-9253935	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_63120	VSIPR	AGAP000519-PA	-	29	0.004160267	1	571.356	-1.05	Larva	X:+:9254011-9254025	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_77175	YLISYAPNSIINMIDNETGQTALHK	AGAP000519-PA	M13(Oxidation)	58	1.83E-05	1	2822.406	0.92	Head	X:+:9264660-9264712,9266187-9266208	exon=> In CDS Exon 13 and 14 of transcript AGAP000519-PA

JHU_Ag_77709	SHLQCKPTFR	AGAP000519-PA	C5(Carbamidomethyl)	45	0.000596597	1	1273.646	-0.79	Head	X:+:9240746-9240775	exon=> In CDS Exon 4 of transcript AGAP000519-PA
JHU_Ag_78535	EIVALSCAWCK	AGAP000519-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	76	4.02E-07	1	1336.646	5.09	Head	X:+:9253795-9253827	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_87791	ALGWGGGYTDEPIGK	AGAP000519-PA	-	38	0.003186125	2	1520.742	2.5	Visceras	X:+:9254433-9254450,9256203-9256229	exon=> In CDS Exon 6 and 7 of transcript AGAP000519-PA
JHU_Ag_89508	TIPMQVDGEACK	AGAP000519-PA	M4(Oxidation), Q5(Deamidated), C11(Carbamidomethyl)	39	0.0014635	1	1365.621	13.61	Salivary gland	X:+:9256939-9256974	exon=> In CDS Exon 9 of transcript AGAP000519-PA
JHU_Ag_91485	LNPSNIELTLLNK	AGAP000519-PA	-	101	4.58E-10	1	1468.840	2.2	Head	X:+:9256975-9257013	exon=> In CDS Exon 9 of transcript AGAP000519-PA
JHU_Ag_95018	VSIPR	AGAP000519-PA	-	34	0.001213728	1	571.355	-1.37	Head	X:+:9254011-9254025	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_95196	TFVIKPIPTANLTPVLVFINPK	AGAP000519-PA	-	72	3.48E-08	1	2422.455	2.99	Head	X:+:9254035-9254100	exon=> In CDS Exon 5 of transcript AGAP000519-PA
JHU_Ag_24051	VPSFVPDYTR	AGAP000520-PA	-	52	0.000105321	1	1180.601	0.86	Visceras	X:+:9292335-9292364	exon=> In CDS Exon 1 of transcript AGAP000520-PA
JHU_Ag_77781	VPVHLLQGGGFVK	AGAP000520-PA	-	68	6.57E-07	1	1350.791	0.94	Head	X:+:9292629-9292667	exon=> In CDS Exon 1 of transcript AGAP000520-PA
JHU_Ag_85067	LTQLYR	AGAP000520-PA	-	30	0.010673896	1	793.457	-0.19	Midgut	X:+:9296054-9296071	exon=> In CDS Exon 5 of transcript AGAP000520-PA
JHU_Ag_10483	FIGAGAATVGVAGSGAGIGTVFGSLIIGYAR	AGAP000523-PA	-	79	5.39E-08	1	2810.517	-1.19	Midgut	X:+:9455830-9455872,9455951-9456000	exon=> In CDS Exon 2 and 3 of transcript AGAP000523-PA
JHU_Ag_22340	DIDSAAK	AGAP000523-PA	-	38	0.003454537	1	719.358	1.02	Midgut	X:+:9455809-9455829	exon=> In CDS Exon 2 of transcript AGAP000523-PA
JHU_Ag_51714	DIDSAAK	AGAP000523-PA	-	48	0.000397322	1	719.360	4.59	Head	X:+:9455809-9455829	exon=> In CDS Exon 2 of transcript AGAP000523-PA
JHU_Ag_69947	DIDSAAK	AGAP000523-PA	-	46	0.000560036	1	719.358	1.53	Malpighian tubule	X:+:9455809-9455829	exon=> In CDS Exon 2 of transcript AGAP000523-PA
JHU_Ag_103052	FIGAGAATVGVAGSGAGIGTVFGSLIIGYAR	AGAP000523-PA	-	64	1.39E-06	1	2810.527	2.46	Visceras	X:+:9455830-9455872,9455951-9456000	exon=> In CDS Exon 2 and 3 of transcript AGAP000523-PA
JHU_Ag_14496	TQVIALPTAPR	AGAP000526-PA	-	39	0.000309723	2	1166.695	4.62	Ovary	X:+:9464465-9464497	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_14849	RPYSSGGGGGGYGR	AGAP000526-PA	-	54	4.14E-05	2	1327.609	-3.7	Head	X:+:9464921-9464962	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_18760	NNRYDNFTSGDSDRPSSGGNWR	AGAP000526-PA	-	93	3.48E-09	1	2502.087	3.72	Malpighian tubule	X:+:9464795-9464860	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_21551	LSLGEFLTDGNTAVPNQVQVAVPVK	AGAP000526-PA	-	44	0.000211372	1	2596.398	-0.02	Salivary gland	X:+:9464339-9464413	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_31378	EGVPKPLEER	AGAP000526-PA	-	40	0.000884062	1	1153.623	1.62	Malpighian tubule	X:+:9468950-9468979	exon=> In CDS Exon 5 of transcript AGAP000526-PA
JHU_Ag_33272	FQEPTGPNLQMK	AGAP000526-PA	M11(Oxidation)	53	7.86E-05	2	1389.690	4.55	Malpighian tubule	X:+:9468989-9469009,9469085-9469099	exon=> In CDS Exon 5 and 6 of transcript AGAP000526-PA
JHU_Ag_36861	FQEPTGPNLQMK	AGAP000526-PA	M11(Oxidation)	38	0.002716842	1	1405.683	3.16	Salivary gland	X:+:9468989-9469009,9469085-9469099	exon=> In CDS Exon 5 and 6 of transcript AGAP000526-PA
JHU_Ag_44328	TQVIALPTAPR	AGAP000526-PA	-	57	5.69E-06	2	1166.692	2.73	Head	X:+:9464465-9464497	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_45389	FQEPTGPNLQMK	AGAP000526-PA	M11(Oxidation)	96	4.52E-09	1	1405.684	4.29	Ovary	X:+:9468989-9469009,9469085-9469099	exon=> In CDS Exon 5 and 6 of transcript AGAP000526-PA

JHU_Ag_53433	IGLYNESDNK	AGAP000526-PA	-	42	0.000899161	1	1152.552	-1.09	Malpighian tubule	X:+:9464759-9464788	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_56241	GFGYIEFATR	AGAP000526-PA	-	61	1.43E-05	1	1160.575	1.16	Malpighian tubule	X:+:9464669-9464698	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_62355	GFGYIEFATR	AGAP000526-PA	-	61	1.21E-05	2	1160.574	0.74	Salivary gland	X:+:9464669-9464698	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_70750	DGQGAAAVEGEKPAAR	AGAP000526-PA	-	72	9.39E-07	1	1526.758	1.15	Head	X:+:9465546-9465593	exon=> In CDS Exon 3 of transcript AGAP000526-PA
JHU_Ag_74875	DQQLQPIANWR	AGAP000526-PA	-	39	0.001737421	2	1368.710	5.81	Malpighian tubule	X:+:9465612-9465644	exon=> In CDS Exon 3 of transcript AGAP000526-PA
JHU_Ag_74903	DGQGAAAVEGEKPAAR	AGAP000526-PA	-	95	4.96E-09	1	1526.759	2.27	Malpighian tubule	X:+:9465546-9465593	exon=> In CDS Exon 3 of transcript AGAP000526-PA
JHU_Ag_76514	TQVIALPTAPR	AGAP000526-PA	-	52	1.50E-05	2	1166.691	1.9	Salivary gland	X:+:9464465-9464497	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_86047	DQQLQPIANWR	AGAP000526-PA	-	54	5.81E-05	2	1368.703	0.82	Ovary	X:+:9465612-9465644	exon=> In CDS Exon 3 of transcript AGAP000526-PA
JHU_Ag_90535	LSLGEFLTDGNTAVPNQVQVAVPVK	AGAP000526-PA	-	45	0.000177173	1	2596.402	1.39	Malpighian tubule	X:+:9464339-9464413	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_108236	LGERPAPQSPR	AGAP000526-PA	-	75	3.09E-07	1	1207.658	3.32	Malpighian tubule	X:+:9465020-9465052	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_109805	RPYSSGGGGGGYGR	AGAP000526-PA	-	80	1.16E-07	1	1327.619	3.95	Malpighian tubule	X:+:9464921-9464962	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_115368	TQVIALPTAPR	AGAP000526-PA	-	51	2.13E-05	1	1166.695	4.51	Malpighian tubule	X:+:9464465-9464497	exon=> In CDS Exon 2 of transcript AGAP000526-PA
JHU_Ag_1427	STDADYTVVGSGPGR	AGAP000532-PB,AGAP000532-PA	-	91	1.07E-08	2	1481.691	3.1	Malpighian tubule	X:+:9503182-9503226;X:+:9503182-9503226	exon=> In CDS Exon 7 of transcript AGAP000532-PB;exon=> In CDS Exon 7 of transcript AGAP000532-PA
JHU_Ag_18306	ALLGDPLPMLLPVSGTAR	AGAP000532-PB,AGAP000532-PA	M9(Oxidation)	58	4.95E-06	1	1837.037	6.19	Malpighian tubule	X:+:9503524-9503577;X:+:9503524-9503577	exon=> In CDS Exon 7 of transcript AGAP000532-PB;exon=> In CDS Exon 7 of transcript AGAP000532-PA
JHU_Ag_48889	YLQSYILSELGHR	AGAP000534-PA	-	57	2.54E-05	1	1578.826	-1.09	Ovary	X:+:9559392-9559402,9563999-9564026	exon=> In CDS Exon 3 and 4 of transcript AGAP000534-PA
JHU_Ag_3272	QVEINTIASSFGGISTIMTPMHSYILSELGHR	AGAP000534-PB	M18(Oxidation), M21(Oxidation)	108	1.76E-10	1	3521.741	0.25	Midgut	X:+:9561528-9561595,9563999-9564026	exon=> In CDS Exon 3 and 4 of transcript AGAP000534-PB
JHU_Ag_56230	SDYLPNFSDTIK	AGAP000534-PB	-	54	4.71E-05	1	1399.674	-0.29	Midgut	X:+:9561492-9561527	exon=> In CDS Exon 3 of transcript AGAP000534-PB
JHU_Ag_97473	QVEINTIASSFGGISTIMTPMHSYILSELGHR	AGAP000534-PB	M18(Oxidation), M21(Oxidation)	108	1.80E-10	1	3521.735	-1.55	Malpighian tubule	X:+:9561528-9561595,9563999-9564026	exon=> In CDS Exon 3 and 4 of transcript AGAP000534-PB
JHU_Ag_3206	ALIAIYR	AGAP000534-PB,AGAP000534-PA	-	34	0.001057703	2	819.509	0.8	Male reproductive organs	X:+:9555844-9555864;X:+:9555844-9555864	exon=> In CDS Exon 2 of transcript AGAP000534-PB;exon=> In CDS Exon 2 of transcript AGAP000534-PA
JHU_Ag_3446	DIFTGLYSLDREEGGDEAVALALADPER	AGAP000534-PB,AGAP000534-PA	-	68	2.11E-06	1	3022.469	1.55	Malpighian tubule	X:+:9564584-9564667;X:+:9564584-9564667	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_5125	EEGGDEAVALALADPER	AGAP000534-PB,AGAP000534-PA	-	51	0.000102551	1	1741.822	-1.04	Malpighian tubule	X:+:9564617-9564667;X:+:9564617-9564667	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_5564	KVQQALAKPDVLR	AGAP000534-PB,AGAP000534-PA	-	77	2.34E-08	1	1465.885	-0.21	Midgut	X:+:9564503-9564541;X:+:9564503-9564541	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_9802	AGYEPGHYFGAGEWDAR	AGAP000534-PB,AGAP000534-PA	-	93	4.56E-09	1	1882.819	2.51	Midgut	X:+:9564386-9564436;X:+:9564386-9564436	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA

JHU_Ag_9926	AGYEPGHYFGAGEWDAR	AGAP000534-PB,AGAP000534-PA	-	77	1.48E-07	1	1882.816	0.85	Pupa	X:+:9564386-9564436;X:+:9564386-9564436	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_15736	VQQALAKPDVLRR	AGAP000534-PB,AGAP000534-PA	-	53	5.32E-06	1	1493.893	1.08	Malpighian tubule	X:+:9564506-9564544;X:+:9564506-9564544	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_25092	ALIAIYR	AGAP000534-PB,AGAP000534-PA	-	40	0.000250244	2	819.509	0.13	Midgut	X:+:9555844-9555864;X:+:9555844-9555864	exon=> In CDS Exon 2 of transcript AGAP000534-PB;exon=> In CDS Exon 2 of transcript AGAP000534-PA
JHU_Ag_26359	TLTQIGEQGR	AGAP000534-PB,AGAP000534-PA	-	47	0.00036927	2	1102.586	0.42	Malpighian tubule	X:+:9564296-9564325;X:+:9564296-9564325	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_35793	DIFTGLYSLDR	AGAP000534-PB,AGAP000534-PA	-	39	0.001632245	1	1299.654	-3.37	Ovary	X:+:9564584-9564616;X:+:9564584-9564616	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_36378	QDFNPDALLFAPFILTPSSFPR	AGAP000534-PB,AGAP000534-PA	-	64	4.12E-06	1	2493.282	0.08	Malpighian tubule	X:+:9555550-9555576,9555679-9555717;X:+:9555550-9555576,9555679-9555717	exon=> In CDS Exon 1 and 2 of transcript AGAP000534-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP000534-PA
JHU_Ag_37970	ALIAIYR	AGAP000534-PB,AGAP000534-PA	-	41	0.000222006	2	819.509	0.72	Salivary gland	X:+:9555844-9555864;X:+:9555844-9555864	exon=> In CDS Exon 2 of transcript AGAP000534-PB;exon=> In CDS Exon 2 of transcript AGAP000534-PA
JHU_Ag_40991	VQQALAKPDVLR	AGAP000534-PB,AGAP000534-PA	-	47	3.61E-05	3	1337.793	1.92	Malpighian tubule	X:+:9564506-9564541;X:+:9564506-9564541	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_43662	ETYPHVAVVR	AGAP000534-PB,AGAP000534-PA	-	43	0.000506387	1	1170.627	0.53	Malpighian tubule	X:+:9564263-9564292;X:+:9564263-9564292	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_47989	YVLKPQR	AGAP000534-PB,AGAP000534-PA	-	31	0.003735597	1	903.541	-0.3	Malpighian tubule	X:+:9564668-9564688;X:+:9564668-9564688	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_48642	VQQALAKPDVLR	AGAP000534-PB,AGAP000534-PA	-	78	3.22E-08	1	1337.789	-0.78	Midgut	X:+:9564506-9564541;X:+:9564506-9564541	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_56246	EGGGNNVYGADIPAALQAMSSAER	AGAP000534-PB,AGAP000534-PA	M19(Oxidation)	83	5.81E-08	2	2394.098	-0.3	Midgut	X:+:9564689-9564760;X:+:9564689-9564760	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_58409	ALSGLCDAMVEAWK	AGAP000534-PB,AGAP000534-PA	C6(Carbamidomethyl)	84	6.85E-08	2	1550.740	3.81	Malpighian tubule	X:+:9564128-9564169;X:+:9564128-9564169	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_59029	DIFTGLYSLDR	AGAP000534-PB,AGAP000534-PA	-	48	0.000191584	2	1299.655	-2.15	Midgut	X:+:9564584-9564616;X:+:9564584-9564616	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_60329	ALIAIYR	AGAP000534-PB,AGAP000534-PA	-	33	0.001319361	2	819.509	0.65	Ovary	X:+:9555844-9555864;X:+:9555844-9555864	exon=> In CDS Exon 2 of transcript AGAP000534-PB;exon=> In CDS Exon 2 of transcript AGAP000534-PA
JHU_Ag_61125	EEGGDEAVALALADPER	AGAP000534-PB,AGAP000534-PA	-	83	6.70E-08	2	1741.826	0.92	Head	X:+:9564617-9564667;X:+:9564617-9564667	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA

JHU_Ag_61427	SKQDFNPDALLFAPFILTPSSFPR	AGAP000534-PB,AGAP000534-PA	-	35	0.003074594	1	2708.407	-0.69	Ovary	X:+:9555544-9555576,9555679-9555717;X:+:9555544-9555576,9555679-9555717	exon=> In CDS Exon 1 and 2 of transcript AGAP000534-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP000534-PA
JHU_Ag_61491	LVNLPDNK	AGAP000534-PB,AGAP000534-PA	-	48	0.000101987	1	912.514	-1.07	Midgut	X:+:9564033-9564041,9564113-9564127;X:+:9564033-9564041,9564113-9564127	exon=> In CDS Exon 4 and 5 of transcript AGAP000534-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP000534-PA
JHU_Ag_62082	AGYEPGHYFGAGEWDAR	AGAP000534-PB,AGAP000534-PA	-	112	4.70E-11	1	1882.815	0.37	Malpighian tubule	X:+:9564386-9564436;X:+:9564386-9564436	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_68955	LGPGKELLVGDVEASVVYFR	AGAP000534-PB,AGAP000534-PA	-	93	2.76E-09	1	2148.173	1.55	Malpighian tubule	X:+:9564326-9564385;X:+:9564326-9564385	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_70422	DIFTGLYSLDREEGGDEAVALALADPER	AGAP000534-PB,AGAP000534-PA	-	42	0.000916064	3	3022.469	1.49	Midgut	X:+:9564584-9564667;X:+:9564584-9564667	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_71001	SKQDFNPDALLFAPFILTPSSFPR	AGAP000534-PB,AGAP000534-PA	-	59	1.17E-05	1	2708.417	3.3	Malpighian tubule	X:+:9555544-9555576,9555679-9555717;X:+:9555544-9555576,9555679-9555717	exon=> In CDS Exon 1 and 2 of transcript AGAP000534-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP000534-PA
JHU_Ag_73024	ALIAIYR	AGAP000534-PB,AGAP000534-PA	-	42	0.000155011	2	819.508	-0.84	Pupa	X:+:9555844-9555864;X:+:9555844-9555864	exon=> In CDS Exon 2 of transcript AGAP000534-PB;exon=> In CDS Exon 2 of transcript AGAP000534-PA
JHU_Ag_73613	DIFTGLYSLDR	AGAP000534-PB,AGAP000534-PA	-	43	0.000558703	2	1299.662	3.39	Malpighian tubule	X:+:9564584-9564616;X:+:9564584-9564616	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_82096	ALSGLCDAMVEAWK	AGAP000534-PB,AGAP000534-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M9(Oxidation)"	106	3.58E-10	1	1550.733	-0.76	Midgut	X:+:9564128-9564169;X:+:9564128-9564169	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_98473	LVNLPDNK	AGAP000534-PB,AGAP000534-PA	-	49	8.62E-05	1	912.516	1.34	Malpighian tubule	X:+:9564033-9564041,9564113-9564127;X:+:9564033-9564041,9564113-9564127	exon=> In CDS Exon 4 and 5 of transcript AGAP000534-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP000534-PA
JHU_Ag_100753	EGGGNNVYGADIPAALQAMSSAER	AGAP000534-PB,AGAP000534-PA	-	82	8.35E-08	2	2378.113	3.72	Malpighian tubule	X:+:9564689-9564760;X:+:9564689-9564760	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_101529	ALIAIYR	AGAP000534-PB,AGAP000534-PA	-	43	0.000127751	1	819.509	-0.24	Malpighian tubule	X:+:9555844-9555864;X:+:9555844-9555864	exon=> In CDS Exon 2 of transcript AGAP000534-PB;exon=> In CDS Exon 2 of transcript AGAP000534-PA
JHU_Ag_103310	FHEFYIR	AGAP000534-PB,AGAP000534-PA	-	40	0.001228206	1	1011.507	1.92	Head	X:+:9564242-9564262;X:+:9564242-9564262	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_105668	SAWILMER	AGAP000534-PB,AGAP000534-PA	M6(Oxidation)	44	0.000649818	2	1005.519	0.36	Midgut	X:+:9564761-9564784;X:+:9564761-9564784	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA

JHU_Ag_110332	ELLVGDVEASVVYFR	AGAP000534-PB,AGAP000534-PA	-	69	1.24E-06	2	1695.898	1.38	Head	X:+:9564341-9564385;X:+:9564341-9564385	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_116060	SAWILMER	AGAP000534-PB,AGAP000534-PA	-	48	0.000235162	1	1005.519	0.48	Malpighian tubule	X:+:9564761-9564784;X:+:9564761-9564784	exon=> In CDS Exon 5 of transcript AGAP000534-PB;exon=> In CDS Exon 5 of transcript AGAP000534-PA
JHU_Ag_20048	HDYGGSPATDTLR	AGAP000535-PA	-	54	5.63E-05	2	1389.644	3.65	Midgut	X:-:9593118-9593080	exon=> In CDS Exon 2 of transcript AGAP000535-PA
JHU_Ag_27399	HVYTYYPTHTR	AGAP000535-PA	-	49	0.000187293	1	1437.692	0.67	Midgut	X:-:9591866-9591834	exon=> In CDS Exon 4 of transcript AGAP000535-PA
JHU_Ag_27762	LLGATVWQPLGR	AGAP000535-PA	-	91	3.26E-09	1	1310.758	0.26	Midgut	X:-:9591548-9591513	exon=> In CDS Exon 4 of transcript AGAP000535-PA
JHU_Ag_42896	HYVPLPR	AGAP000535-PA	-	31	0.003090518	1	881.499	0.11	Midgut	X:-:9591776-9591756	exon=> In CDS Exon 4 of transcript AGAP000535-PA
JHU_Ag_66316	LNLPVMYLHR	AGAP000535-PA	M6(Oxidation)	47	0.000154165	3	1255.702	2.83	Midgut	X:-:9592280-9592251	exon=> In CDS Exon 4 of transcript AGAP000535-PA
JHU_Ag_73779	LPQAVDAIYESLSR	AGAP000535-PA	-	98	2.06E-09	1	1561.826	2.24	Midgut	X:-:9591662-9591621	exon=> In CDS Exon 4 of transcript AGAP000535-PA
JHU_Ag_74068	HTPHPNLAMFSLYR	AGAP000535-PA	M9(Oxidation)	47	0.000298907	1	1699.835	-1.47	Midgut	X:-:9592689-9592648	exon=> In CDS Exon 3 of transcript AGAP000535-PA
JHU_Ag_105223	LSFLAVDEER	AGAP000535-PA	-	60	1.31E-05	2	1178.606	0.54	Midgut	X:-:9591902-9591873	exon=> In CDS Exon 4 of transcript AGAP000535-PA
JHU_Ag_111872	LTPALAAIVLFAATLMR	AGAP000535-PA	M16(Oxidation)	108	2.99E-11	2	1788.045	-0.25	Midgut	X:-:9592241-9592191	exon=> In CDS Exon 4 of transcript AGAP000535-PA
JHU_Ag_40372	TIVYVLVK	AGAP000538-PA	-	29	0.000278631	1	934.600	2.89	Malpighian tubule	X:-:9633718-9633695	exon=> In CDS Exon 3 of transcript AGAP000538-PA
JHU_Ag_41139	TIVYVLVK	AGAP000538-PA	-	34	8.13E-05	2	934.598	0.85	Pupa	X:-:9633718-9633695	exon=> In CDS Exon 3 of transcript AGAP000538-PA
JHU_Ag_57044	TIVYVLVK	AGAP000538-PA	-	28	0.000318442	1	934.601	3.61	Larva	X:-:9633718-9633695	exon=> In CDS Exon 3 of transcript AGAP000538-PA
JHU_Ag_84794	TPHQQPSAAQLALQQSQTEEK	AGAP000538-PA	-	105	4.97E-10	1	2320.156	1.48	Larva	X:-:9633781-9633719	exon=> In CDS Exon 3 of transcript AGAP000538-PA
JHU_Ag_115363	KPEAVGDISLPLPAVTKPSKPEVYFIK	AGAP000538-PA	-	107	2.72E-11	1	2923.655	0.21	Larva	X:-:9633694-9633614	exon=> In CDS Exon 3 of transcript AGAP000538-PA
JHU_Ag_443	FDVALNDIER	AGAP000541-PA	-	52	0.000111906	1	1191.603	2.13	Larva	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_24663	FDVALNDIER	AGAP000541-PA	-	47	0.000336778	2	1191.601	0.53	Pupa	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_24842	FDVALNDIER	AGAP000541-PA	-	70	1.81E-06	2	1191.596	-3.67	Midgut	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_38085	FDVALNDIER	AGAP000541-PA	-	83	1.01E-07	1	1191.601	0.32	Salivary gland	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_53228	FDVALNDIER	AGAP000541-PA	-	62	1.08E-05	2	1191.603	2.17	Visceras	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_86414	FDVALNDIER	AGAP000541-PA	-	79	2.62E-07	1	1191.601	0.22	Ovary	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_98601	FDVALNDIER	AGAP000541-PA	-	60	1.83E-05	2	1191.604	2.89	Malpighian tubule	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_104336	FDVALNDIER	AGAP000541-PA	-	60	1.84E-05	1	1191.604	3.26	Head	X:+:9681522-9681551	exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_3740	YLLQQYGPSVPVATIGR	AGAP000545-PA	-	92	3.94E-09	2	1862.019	1.12	Head	X:-:9815714-9815664	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_3809	AAVESVTAEGDELKVR	AGAP000545-PA	-	84	4.97E-08	1	1673.879	4.95	Malpighian tubule	X:-:9817421-9817374	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_7060	YLLQQYGPSVPVATIGR	AGAP000545-PA	-	84	2.48E-08	2	1862.019	1.06	Visceras	X:-:9815714-9815664	exon=> In CDS Exon 3 of transcript AGAP000545-PA

JHU_Ag_7087	LVDAFAELR	AGAP000545-PA	-	68	1.42E-06	2	1033.570	2.31	Salivary gland	X:-:9815663-9815637	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_7894	AAPIAVEQTDELLR	AGAP000545-PA	-	85	2.74E-08	2	1525.825	2.2	Visceras	X:-:9816371-9816330	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_9605	EILDGTSSYHNQSAVR	AGAP000545-PA	-	56	3.98E-05	1	1776.858	3.61	Malpighian tubule	X:-:9819893-9819846	exon=> In CDS Exon 2 of transcript AGAP000545-PA
JHU_Ag_10535	VIALGLPVPR	AGAP000545-PA	-	40	2.34E-05	2	1034.674	1.56	Head	X:-:9817823-9817794	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_22833	IIALAEPAQSGAAGTNGPSR	AGAP000545-PA	N16(Deamidated)	55	4.09E-05	2	1881.973	3.25	Malpighian tubule	X:-:9816827-9816768	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_23873	AAPIAVEQTDELLR	AGAP000545-PA	-	63	4.79E-06	2	1525.823	0.68	Head	X:-:9816371-9816330	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_28272	YLLQQYGPSVPVATIGR	AGAP000545-PA	-	47	0.000102341	1	1862.020	1.78	Ovary	X:-:9815714-9815664	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_30117	ITLQALQAR	AGAP000545-PA	-	50	4.16E-05	2	1013.611	1.17	Salivary gland	X:-:9815030-9815004	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_35341	IPDIVFYDVPQHLR	AGAP000545-PA	-	35	0.002757524	1	1711.920	1.95	Malpighian tubule	X:-:9816281-9816240	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_36933	DKLGQDILLLGRPGGLR	AGAP000545-PA	-	53	6.90E-06	1	1821.078	3.85	Salivary gland	X:-:9820043-9819993	exon=> In CDS Exon 2 of transcript AGAP000545-PA
JHU_Ag_38361	HNGTLTEQELLRR	AGAP000545-PA	-	35	0.00307414	1	1566.840	3.16	Malpighian tubule	X:-:9817562-9817524	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_46321	HNGTLTEQELLR	AGAP000545-PA	-	55	4.06E-05	2	1410.729	-3.59	Head	X:-:9817562-9817527	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_57781	VIALGLPVPR	AGAP000545-PA	-	37	6.27E-05	2	1034.673	0.85	Visceras	X:-:9817823-9817794	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_60492	AAPIAVEQTDELLR	AGAP000545-PA	-	54	3.92E-05	2	1525.825	1.64	Salivary gland	X:-:9816371-9816330	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_63346	LNAALAR	AGAP000545-PA	-	40	0.000608398	2	728.444	3.1	Head	X:-:9814466-9814446	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_67702	FPADPLAEVIGNVLDYDR	AGAP000545-PA	-	70	1.62E-06	2	2004.010	1.52	Visceras	X:-:9815558-9815505	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_70896	DIAELPYVEVLTEAK	AGAP000545-PA	-	50	0.000130883	2	1689.901	3.73	Head	X:-:9817742-9817698	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_72283	YAPETLDQVTAVLLR	AGAP000545-PA	-	58	1.42E-05	2	1688.922	0.05	Visceras	X:-:9815504-9815460	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_76825	TSNDPVQQTLAGNLSTR	AGAP000545-PA	-	95	4.91E-09	1	1801.905	0.56	Head	X:-:9816614-9816564	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_78676	LQAAQPGQDLR	AGAP000545-PA	-	54	3.68E-05	1	1196.638	-0.44	Head	X:-:9816896-9816864	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_79320	YLDGYSGATAGESDR	AGAP000545-PA	-	63	3.62E-06	2	1561.680	2.03	Malpighian tubule	X:-:9816416-9816372	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_81031	IIALAEPAQSGAAGTNGPSR	AGAP000545-PA	N16(Deamidated)	78	2.06E-07	2	1881.967	0.2	Head	X:-:9816827-9816768	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_82666	FPADPLAEVIGNVLDYDR	AGAP000545-PA	-	81	1.24E-07	2	2004.037	14.55	Head	X:-:9815558-9815505	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_89042	YLLQQYGPSVPVATIGR	AGAP000545-PA	-	61	3.86E-06	1	1862.030	7.02	Salivary gland	X:-:9815714-9815664	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_93427	DQLDQWGLVR	AGAP000545-PA	-	62	7.27E-06	2	1229.628	0.49	Visceras	X:-:9817871-9817842	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_98392	VIALGLPVPR	AGAP000545-PA	-	47	4.91E-06	2	1034.674	1.91	Salivary gland	X:-:9817823-9817794	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_108605	HGHVLVVDEADK	AGAP000545-PA	-	48	0.000279034	2	1318.673	-1.26	Head	X:-:9816008-9815973	exon=> In CDS Exon 3 of transcript AGAP000545-PA
JHU_Ag_116733	IPDIVFYDVPQHLR	AGAP000545-PA	-	66	2.21E-06	1	1711.919	1.31	Visceras	X:-:9816281-9816240	exon=> In CDS Exon 3 of transcript AGAP000545-PA

JHU_Ag_10229	QATVGDCNTEKPGFLDFK	AGAP000546-PA	C7(Carbamidomethyl)	96	3.79E-09	1	2026.957	1.42	Ovary	X:+:9828587-9828640	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_21685	NLNATPADADLLEIYGLFK	AGAP000546-PA	-	56	2.79E-05	2	2078.084	1.56	Head	X:+:9828530-9828586	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_24371	LIDQHGLK	AGAP000546-PA	-	50	5.55E-05	1	923.527	-4.49	Head	X:+:9828728-9828751	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_29902	NLNATPADADLLEIYGLFK	AGAP000546-PA	N1(Deamidated),N3(Deamidated)	155	3.29E-15	1	2078.081	0.27	Ovary	X:+:9828530-9828586	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_39900	SLQENFDK	AGAP000546-PA	N-Term(Acetyl)	63	7.28E-06	1	1022.480	0.93	Ovary	X:+:9828289-9828300,9828500-9828511	exon=> In CDS Exon 1 and 2 of transcript AGAP000546-PA
JHU_Ag_40432	QATVGDCNTEKPGFLDFKGK	AGAP000546-PA	C7(Carbamidomethyl)	75	5.08E-07	1	2212.068	-1.3	Malpighian tubule	X:+:9828587-9828646	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_42524	LIDQHGLK	AGAP000546-PA	-	41	0.00039026	2	923.531	0.46	Ovary	X:+:9828728-9828751	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_45303	SLQENFDK	AGAP000546-PA	N-Term(Acetyl)	46	0.000311366	1	1022.480	1.18	Malpighian tubule	X:+:9828289-9828300,9828500-9828511	exon=> In CDS Exon 1 and 2 of transcript AGAP000546-PA
JHU_Ag_46074	SLQENFDK	AGAP000546-PA	N-Term(Acetyl)	46	0.000340254	1	1022.480	1.36	Visceras	X:+:9828289-9828300,9828500-9828511	exon=> In CDS Exon 1 and 2 of transcript AGAP000546-PA
JHU_Ag_60977	SLQENFDK	AGAP000546-PA	N-Term(Acetyl)	45	0.000359403	1	1022.477	-1.57	Midgut	X:+:9828289-9828300,9828500-9828511	exon=> In CDS Exon 1 and 2 of transcript AGAP000546-PA
JHU_Ag_63872	GMSQEDAK	AGAP000546-PA	M2(Oxidation)	36	0.000923214	2	881.367	0.22	Ovary	X:+:9828677-9828700	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_67642	NLNATPADADLLEIYGLFK	AGAP000546-PA	-	100	1.05E-09	1	2078.091	5.2	Malpighian tubule	X:+:9828530-9828586	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_75104	SLQENFDKAVENVK	AGAP000546-PA	N-Term(Acetyl)	79	2.28E-07	1	1662.842	5.29	Visceras	X:+:9828289-9828300,9828500-9828529	exon=> In CDS Exon 1 and 2 of transcript AGAP000546-PA
JHU_Ag_96452	SKWEAWNGR	AGAP000546-PA	-	39	0.001707394	3	1133.548	-0.82	Ovary	X:+:9828647-9828673	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_97397	NLNATPADADLLEIYGLFK	AGAP000546-PA	-	87	2.13E-08	2	2078.084	1.44	Midgut	X:+:9828530-9828586	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_108587	SLQENFDKAVENVK	AGAP000546-PA	N-Term(Acetyl)	111	1.40E-10	1	1662.840	3.67	Malpighian tubule	X:+:9828289-9828300,9828500-9828529	exon=> In CDS Exon 1 and 2 of transcript AGAP000546-PA
JHU_Ag_112483	LIDQHGLK	AGAP000546-PA	-	57	8.78E-06	2	923.534	3.11	Malpighian tubule	X:+:9828728-9828751	exon=> In CDS Exon 2 of transcript AGAP000546-PA
JHU_Ag_7174	DRQHIANLLEFIR	AGAP000548-PA	-	74	3.09E-07	1	1624.888	-2.32	Head	X:+:9838790-9838828	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_7740	DHLEK	AGAP000548-PA	-	32	0.007086369	1	641.327	2.82	Head	X:+:9838532-9838546	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_12375	QFGGTLLPLLNSAQVK	AGAP000548-PA	-	81	3.97E-08	2	1685.961	1.37	Head	X:+:9838586-9838633	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_12823	IPEAMTQFLMLAGWNR	AGAP000548-PA	M5(Oxidation),M10(Oxidation),"M5(Oxidation), M10(Oxidation)"	149	1.83E-14	1	1893.933	-1.35	Salivary gland	X:+:9838700-9838747	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_16155	KDPATAGLVTEVQNIFGR	AGAP000548-PA	-	65	2.93E-06	1	1916.030	3.03	Malpighian tubule	X:+:9839339-9839392	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_16366	YDLFLLDEHHPQLFDLLFDR	AGAP000548-PA	-	157	2.85E-15	1	2546.278	2.54	Salivary gland	X:+:9839069-9839128	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_16394	KDPATAGLVTEVQNIFGR	AGAP000548-PA	-	95	3.24E-09	1	1916.027	1.79	Visceras	X:+:9839339-9839392	exon=> In CDS Exon 1 of transcript AGAP000548-PA

JHU_Ag_17507	VHRPMSK	AGAP000548-PA	-	40	0.000711637	1	854.467	1.05	Salivary gland	X:+:9839198-9839218	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_23763	QHIANLLEFIR	AGAP000548-PA	-	37	0.001376814	1	1353.763	-0.48	Visceras	X:+:9838796-9838828	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_29149	WPQIVAQIYQNTR	AGAP000548-PA	-	109	1.91E-10	2	1616.856	1.14	Salivary gland	X:+:9838748-9838786	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_29582	KFNSWQMMGALCR	AGAP000548-PA	N3(Deamidated), M7(Oxidation), M8(Oxidation), C12(Carbamidomethyl)," M7(Oxidation), M8(Oxidation), C12(Carbamidomethyl)"," M7(Oxidation), C12(Carbamidomethyl)"," M8(Oxidation), C12(Carbamidomethyl)"," N3(Deamidated), C12(Carbamidomethyl)"," N3(Deamidated), M8(Oxidation), C12(Carbamidomethyl)",C12(Carbamidomethyl),"N3(Deamidated), M7(Oxidation), C12(Carbamidomethyl)"	124	5.02E-12	2	1628.750	0.17	Salivary gland	X:+:9839159-9839197	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_30699	VAFYHELKK	AGAP000548-PA	-	62	4.65E-06	1	1134.634	2.71	Salivary gland	X:+:9838853-9838879	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_30765	FNSWQMMGALCR	AGAP000548-PA	C11(Carbamidomethyl)," M6(Oxidation), C11(Carbamidomethyl)"," M6(Oxidation), M7(Oxidation), C11(Carbamidomethyl)"," N2(Deamidated), C11(Carbamidomethyl)"," M7(Oxidation), C11(Carbamidomethyl)"," N2(Deamidated), M6(Oxidation), M7(Oxidation), C11(Carbamidomethyl)"," Q5(Deamidated), M6(Oxidation), M7(Oxidation), C11(Carbamidomethyl)"	101	4.06E-10	1	1516.653	2.33	Salivary gland	X:+:9839162-9839197	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_30935	QFGGTLLPLLNSAQVK	AGAP000548-PA	Q1(Deamidated),N11(Deamidated)	110	5.11E-11	1	1685.955	-2.04	Salivary gland	X:+:9838586-9838633	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_31805	TANLLLDHFKWEK	AGAP000548-PA	-	79	1.25E-07	1	1614.869	3.11	Salivary gland	X:+:9839237-9839275	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_32312	ALYTTMLDGAGAYFQR	AGAP000548-PA	M6(Oxidation)	133	8.31E-13	1	1777.864	3.25	Salivary gland	X:+:9838997-9839044	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_42138	SISHIIGK	AGAP000548-PA	-	46	0.000117342	1	854.511	1.55	Salivary gland	X:+:9839417-9839440	exon=> In CDS Exon 1 of transcript AGAP000548-PA

JHU_Ag_42836	DRQHIANLLEFIR	AGAP000548-PA	-	59	7.77E-06	1	1624.901	5.6	Ovary	X:+:9838790-9838828	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_45796	IEQAVAVIK	AGAP000548-PA	-	69	5.51E-07	1	970.595	1.8	Salivary gland	X:+:9838505-9838531	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_46384	DPATAGLVTEVQNIFGR	AGAP000548-PA	-	102	8.77E-10	2	1787.935	3.57	Head	X:+:9839342-9839392	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_46448	QHIANLLEFIR	AGAP000548-PA	-	89	7.74E-09	1	1353.763	-0.78	Salivary gland	X:+:9838796-9838828	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_47882	QHIANLLEFIR	AGAP000548-PA	-	47	0.000120321	3	1353.765	0.88	Head	X:+:9838796-9838828	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_50084	QAAATKPIR	AGAP000548-PA	-	48	0.000100307	2	955.568	-0.3	Salivary gland	X:+:9838547-9838573	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_52027	IEQAVAVIKDHLEK	AGAP000548-PA	-	75	9.27E-08	1	1592.909	5.1	Ovary	X:+:9838505-9838546	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_52978	QAAATKPIRDELR	AGAP000548-PA	-	64	2.37E-06	1	1468.824	0.83	Salivary gland	X:+:9838547-9838585	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_60412	DPATAGLVTEVQNIFGR	AGAP000548-PA	-	158	2.10E-15	1	1787.938	5.41	Salivary gland	X:+:9839342-9839392	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_62852	DRQHIANLLEFIR	AGAP000548-PA	-	108	1.15E-10	1	1624.895	2.12	Salivary gland	X:+:9838790-9838828	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_63015	TANLLLDHFK	AGAP000548-PA	-	78	1.80E-07	1	1171.646	-0.84	Salivary gland	X:+:9839237-9839266	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_63269	IEQAVAVIKDHLEK	AGAP000548-PA	-	91	2.32E-09	1	1592.899	-0.78	Head	X:+:9838505-9838546	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_64790	IEQAVAVIKDHLEK	AGAP000548-PA	-	49	4.99E-05	1	1592.898	-1.64	Visceras	X:+:9838505-9838546	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_67394	IVNVSQANMR	AGAP000548-PA	M9(Oxidation)	69	2.67E-06	1	1147.590	0.99	Salivary gland	X:+:9839129-9839158	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_68810	FNSWQMMGALCR	AGAP000548-PA	M7(Oxidation), C11(Carbamidomethyl)	76	1.02E-07	1	1516.649	-0.01	Head	X:+:9839162-9839197	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_73154	DRQHIANLLEFIR	AGAP000548-PA	-	76	1.88E-07	1	1624.895	1.77	Malpighian tubule	X:+:9838790-9838828	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_75188	ALLTGANRYDLFLLDEHHPQLFDLLFDR	AGAP000548-PA	-	140	7.55E-14	1	3342.732	1.41	Salivary gland	X:+:9839045-9839128	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_81639	TANLLLDHFK	AGAP000548-PA	-	73	5.91E-07	1	1171.646	-0.95	Head	X:+:9839237-9839266	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_82050	TDAAELDELR	AGAP000548-PA	-	94	5.04E-09	2	1132.545	-2.46	Salivary gland	X:+:9838634-9838663	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_83887	ALLTGANR	AGAP000548-PA	-	57	4.24E-05	1	815.473	-0.88	Salivary gland	X:+:9839045-9839068	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_88336	MSVLVAAIEAGR	AGAP000548-PA	M1(Oxidation)	117	2.17E-11	2	1216.671	-0.38	Salivary gland	X:+:9838664-9838699	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_90795	KDPATAGLVTEVQNIFGR	AGAP000548-PA	Q13(Deamidated),N14(Deamidated)	141	8.73E-14	1	1916.025	0.91	Salivary gland	X:+:9839339-9839392	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_95173	IEQAVAVIKDHLEK	AGAP000548-PA	-	113	1.53E-11	1	1592.899	-0.78	Salivary gland	X:+:9838505-9838546	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_98352	SISHIIGK	AGAP000548-PA	-	47	7.70E-05	1	854.505	-4.73	Head	X:+:9839417-9839440	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_100552	ALYTTMLDGAGAYFQR	AGAP000548-PA	M6(Oxidation)	90	1.55E-08	1	1793.855	1.06	Head	X:+:9838997-9839044	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_102360	KDPATAGLVTEVQNIFGR	AGAP000548-PA	-	33	0.00408153	3	1916.031	3.99	Ovary	X:+:9839339-9839392	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_105989	VLLFRK	AGAP000548-PA	-	26	0.002168915	1	775.525	7.63	Salivary gland	X:+:9839219-9839236	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_106047	VAFYHELK	AGAP000548-PA	-	53	8.21E-05	1	1006.533	-2.89	Head	X:+:9838853-9838876	exon=> In CDS Exon 1 of transcript AGAP000548-PA

JHU_Ag_108614	TDAAELDELRMSVLVAAIEAGR	AGAP000548-PA	M11(Oxidation)	80	1.42E-07	1	2346.198	0.58	Salivary gland	X:+:9838634-9838699	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_108889	KDPATAGLVTEVQNIFGR	AGAP000548-PA	-	110	1.06E-10	1	1916.026	1.31	Head	X:+:9839339-9839392	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_109195	KTANLLLDHFK	AGAP000548-PA	-	85	1.83E-08	1	1299.760	13.7	Salivary gland	X:+:9839234-9839266	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_114216	ALYTTMLDGAGAYFQR	AGAP000548-PA	M6(Oxidation)	70	1.81E-06	1	1793.859	3.23	Visceras	X:+:9838997-9839044	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_117546	VAFYHELK	AGAP000548-PA	-	58	2.07E-05	1	1006.536	0.45	Salivary gland	X:+:9838853-9838876	exon=> In CDS Exon 1 of transcript AGAP000548-PA
JHU_Ag_17219	VLKGDVLEFLEVIPK	AGAP000549-PA	-	69	7.17E-08	2	1699.013	5.07	Head	X:-:9841506-9841462	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_18412	SILQIAQDLNALQER	AGAP000549-PA	-	47	0.000135 55	3	1711.936	1.36	Head	X:-:9840400-9840356	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_23680	SILQIAQDLNALQER	AGAP000549-PA	-	66	1.64E-06	2	1711.946	7.04	Salivary gland	X:-:9840400-9840356	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_24423	AASNALLQHPILNSSFDEPSESVIYK	AGAP000549-PA	-	134	3.80E-13	1	2830.434	2.83	Malpighian tubule	X:-:9840556-9840479	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_26447	AELKEEAAAR	AGAP000549-PA	-	46	0.000413 55	2	1087.574	-0.46	Malpighian tubule	X:-:9840622-9840593	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_26652	SILQIAQDLNALQER	AGAP000549-PA	-	115	2.11E-11	1	1711.933	-0.46	Ovary	X:-:9840400-9840356	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_29929	GDVLEFLEVIPK	AGAP000549-PA	-	100	8.74E-10	1	1358.757	-0.02	Ovary	X:-:9841497-9841462	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_35721	GDVLEFLEVIPK	AGAP000549-PA	-	61	6.75E-06	2	1358.765	5.82	Malpighian tubule	X:-:9841497-9841462	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_44113	GTVKPHPSLVAK	AGAP000549-PA	-	44	0.000139 685	1	1233.731	-0.04	Malpighian tubule	X:-:9841461-9841426	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_49126	AASNALLQHPILNSSFDEPSESVIYKR	AGAP000549-PA	-	129	1.03E-12	1	2986.533	2.13	Malpighian tubule	X:-:9840556-9840476	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_51334	YHNISVAMQTPQGLVVPNVK	AGAP000549-PA	-	49	9.04E-05	1	2195.171	3.2	Malpighian tubule	X:-:9840475-9840416	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_52606	AELKEEAAAR	AGAP000549-PA	-	46	0.000431 968	2	1087.579	4.25	Larva	X:-:9840622-9840593	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_68546	VLKGDVLEFLEVIPK	AGAP000549-PA	-	77	1.29E-08	1	1699.007	1.94	Malpighian tubule	X:-:9841506-9841462	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_88209	VVSFHLSDIGEGIR	AGAP000549-PA	-	65	3.58E-06	1	1528.811	-0.85	Malpighian tubule	X:-:9841950-9841909	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_89257	GDVLEFLEVIPK	AGAP000549-PA	-	70	9.35E-07	2	1358.760	2.13	Head	X:-:9841497-9841462	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_92173	SILQIAQDLNALQER	AGAP000549-PA	-	113	3.16E-11	1	1711.938	2.47	Visceras	X:-:9840400-9840356	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_93091	VLATPAVRR	AGAP000549-PA	-	25	0.005959 63	1	982.616	0.09	Malpighian tubule	X:-:9841593-9841567	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_102916	SILQIAQDLNALQER	AGAP000549-PA	-	125	2.48E-12	1	1711.936	1.36	Malpighian tubule	X:-:9840400-9840356	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_103877	GDVLEFLEVIPK	AGAP000549-PA	-	41	0.000693 431	2	1358.759	1.86	Salivary gland	X:-:9841497-9841462	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_105030	VVSFHLSDIGEGIR	AGAP000549-PA	-	52	7.12E-05	2	1528.813	0.51	Head	X:-:9841950-9841909	exon=> In CDS Exon 2 of transcript AGAP000549-PA
JHU_Ag_107322	AASNALLQHPILNSSFDEPSESVIYK	AGAP000549-PA	-	111	7.37E-11	1	2830.431	1.73	Ovary	X:-:9840556-9840479	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_109882	AELKEEAAAR	AGAP000549-PA	-	46	0.000391 317	3	1087.574	-0.56	Visceras	X:-:9840622-9840593	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_111575	YHNISVAMQTPQGLVVPNVK	AGAP000549-PA	M8(Oxidation)	42	0.000579 988	1	2211.163	1.55	Salivary gland	X:-:9840475-9840416	exon=> In CDS Exon 3 of transcript AGAP000549-PA

JHU_Ag_112945	AASNALLQHPILNSSFDEPSESVIYK	AGAP000549-PA	-	127	2.08E-12	1	2830.426	-0.02	Head	X:-:9840556-9840479	exon=> In CDS Exon 3 of transcript AGAP000549-PA
JHU_Ag_1810	GRYFVETPATATDR	AGAP000550-PA	-	60	1.36E-05	1	1583.777	-3.01	Midgut	X:+:9849621-9849662	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_5153	ERIDVQGR	AGAP000550-PA	-	41	0.001231221	1	972.522	-0.53	Midgut	X:+:9851241-9851264	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_6052	GAIHCVR	AGAP000550-PA	C5(Carbamidomethyl)	51	5.20E-05	1	812.420	-0.08	Midgut	X:+:9850824-9850844	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_7684	KEDPDWR	AGAP000550-PA	-	38	0.001161045	2	945.442	-1.06	Midgut	X:+:9853137-9853157	exon=> In CDS Exon 9 of transcript AGAP000550-PA
JHU_Ag_7914	HVIITTWK	AGAP000550-PA	-	60	4.23E-06	1	997.583	0.4	Malpighian tubule	X:+:9848870-9848893	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_8130	NIHGPVMATQLTSIAAR	AGAP000550-PA	M7(Oxidation)	43	0.000459207	2	1779.960	3.45	Malpighian tubule	X:+:9851283-9851333	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_8438	NYHASVINIQTVNEK	AGAP000550-PA	-	80	1.40E-07	2	1729.897	5.61	Midgut	X:+:9852527-9852570,9852683-9852683	exon=> In CDS Exon 7 and 8 of transcript AGAP000550-PA
JHU_Ag_9236	NFAHELPICPCTLEHALHDK	AGAP000550-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	116	3.53E-11	1	2402.130	-3.28	Midgut	X:+:9850701-9850760	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_9646	ISPILWSKPIPLGWYFGPQWER	AGAP000550-PA	-	134	2.92E-13	1	2670.413	-3.88	Midgut	X:+:9849969-9849976,9850577-9850634	exon=> In CDS Exon 4 and 5 of transcript AGAP000550-PA
JHU_Ag_10919	TNEDVIDVDTDAVDEGK	AGAP000550-PA	-	118	1.70E-11	1	1834.826	3.62	Midgut	X:+:9847406-9847456	exon=> In CDS Exon 1 of transcript AGAP000550-PA
JHU_Ag_11149	VVSCGILETPR	AGAP000550-PA	C4(Carbamidomethyl)	75	5.72E-07	2	1230.651	-0.48	Midgut	X:+:9852687-9852719	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_12118	FDTEEVVGTVVDTNR	AGAP000550-PA	-	100	1.94E-09	2	1680.810	1.42	Malpighian tubule	X:+:9849492-9849536	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_13309	RVVSCGILETPR	AGAP000550-PA	C5(Carbamidomethyl)	47	0.000258334	2	1386.737	-11.28	Malpighian tubule	X:+:9852684-9852719	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_14003	IYQTDFDQR	AGAP000550-PA	-	71	6.98E-07	1	1185.553	-0.51	Midgut	X:+:9848711-9848737	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_14361	IYQTDFDQRAPGVYFR	AGAP000550-PA	-	74	6.60E-07	1	1975.978	5.84	Malpighian tubule	X:+:9848711-9848758	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_17027	EPPTHSIDGGYIINPTR	AGAP000550-PA	-	109	1.76E-10	1	1866.933	-0.73	Midgut	X:+:9848357-9848407	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_23093	RVVSCGILETPR	AGAP000550-PA	C5(Carbamidomethyl)	49	0.000138531	2	1386.751	-0.63	Midgut	X:+:9852684-9852719	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_23469	NSYLMLSYDQMWGSRPR	AGAP000550-PA	M5(Oxidation),M11(Oxidation),"M5(Oxidation), M11(Oxidation)"	77	2.91E-07	1	2103.973	-0.29	Midgut	X:+:9850896-9850946	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_25042	IMLGTCNK	AGAP000550-PA	M2(Oxidation), C6(Carbamidomethyl)	36	0.002879426	2	952.459	-0.46	Midgut	X:+:9849348-9849371	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_25442	EVENIGQALFTR	AGAP000550-PA	-	85	4.93E-08	1	1376.717	-0.23	Malpighian tubule	X:+:9852299-9852334	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_25499	LDVFADQR	AGAP000550-PA	-	55	6.40E-05	2	963.492	2.36	Malpighian tubule	X:+:9851397-9851420	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_26610	GWANGFPGR	AGAP000550-PA	N4(Deamidated)	39	0.001887466	2	961.464	-0.02	Midgut	X:+:9849297-9849323	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_27510	NDPSFIGIFFSK	AGAP000550-PA	-	83	5.96E-08	2	1371.701	4.89	Malpighian tubule	X:+:9848660-9848695	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_28503	EVENIGQALFTR	AGAP000550-PA	N4(Deamidated), Q7(Deamidated)	97	3.10E-09	2	1376.717	0.21	Midgut	X:+:9852299-9852334	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_30026	NDPSFIGIFFSK	AGAP000550-PA	N1(Deamidated)	99	1.73E-09	1	1371.695	0.26	Midgut	X:+:9848660-9848695	exon=> In CDS Exon 2 of transcript AGAP000550-PA

JHU_Ag_31969	NYHASVINIQTVNEKR	AGAP000550-PA	-	59	1.44E-05	1	1885.994	3.31	Malpighian tubule	X:+:9852527-9852570,9852683-9852686	exon=> In CDS Exon 7 and 8 of transcript AGAP000550-PA
JHU_Ag_32398	SNFLFTPGAR	AGAP000550-PA	-	57	2.63E-05	1	1109.574	-0.3	Midgut	X:+:9852732-9852761	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_33437	VSFECNEGFFLIGDSRR	AGAP000550-PA	C5(Carbamidomethyl)	57	3.19E-05	1	2032.963	4.05	Malpighian tubule	X:+:9852762-9852812	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_33550	RNPNEIR	AGAP000550-PA	-	34	0.002377693	2	898.489	4.03	Midgut	X:+:9849693-9849713	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_33627	IDVQGRFEQVAR	AGAP000550-PA	-	50	0.000137342	1	1417.762	5.06	Malpighian tubule	X:+:9851247-9851282	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_36887	YDFGMSLSR	AGAP000550-PA	M5(Oxidation)	57	1.58E-05	1	1091.482	-0.52	Midgut	X:+:9852479-9852505	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_38115	EATIRPELEFIDMIETQLTNTGAYTIIPANYR	AGAP000550-PA	M13(Oxidation)	30	0.008900857	1	3699.862	1.3	Midgut	X:+:9849786-9849881	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_38505	IFFETDDVHR	AGAP000550-PA	-	50	0.000164016	2	1278.614	1.71	Malpighian tubule	X:+:9849663-9849692	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_39934	YRLDVFADQR	AGAP000550-PA	-	43	0.000649547	2	1282.654	-0.23	Midgut	X:+:9851391-9851420	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_42008	AEELCGESYQCR	AGAP000550-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	78	3.52E-08	1	1501.607	1.79	Malpighian tubule	X:+:9852443-9852478	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_44831	GGPEDTGDLQR	AGAP000550-PA	-	45	0.000216708	1	1144.523	0.45	Malpighian tubule	X:+:9848453-9848485	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_46062	YDATYRTNEPLEGKPNIQFEPK	AGAP000550-PA	-	49	0.000162077	1	2610.296	4.69	Malpighian tubule	X:+:9853251-9853316	exon=> In CDS Exon 9 of transcript AGAP000550-PA
JHU_Ag_48121	VSFECNEGFFLIGDSR	AGAP000550-PA	C5(Carbamidomethyl)	80	1.62E-07	2	1876.869	8.22	Malpighian tubule	X:+:9852762-9852809	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_48235	FLPDPDCDRDSNPTCLQHR	AGAP000550-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	78	7.12E-08	1	2342.996	-11.98	Malpighian tubule	X:+:9850767-9850823	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_48451	DIHASMPQVHK	AGAP000550-PA	M6(Oxidation)	50	0.000186723	1	1278.629	2.38	Malpighian tubule	X:+:9848486-9848518	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_49065	NFAHELPICPCTLEHALHDK	AGAP000550-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	102	1.03E-09	1	2402.144	2.59	Malpighian tubule	X:+:9850701-9850760	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_49316	APGVYFR	AGAP000550-PA	-	36	0.002003613	2	809.432	1.42	Malpighian tubule	X:+:9848738-9848758	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_49587	IACRFDTEEVVGTVVDTNR	AGAP000550-PA	C3(Carbamidomethyl)	69	1.87E-06	1	2181.071	4.88	Malpighian tubule	X:+:9849480-9849536	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_50522	YFVETPATATDR	AGAP000550-PA	-	69	1.38E-06	2	1370.652	-5.15	Midgut	X:+:9849627-9849662	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_53729	APGVYFR	AGAP000550-PA	-	43	0.000439034	1	809.431	0.28	Midgut	X:+:9848738-9848758	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_54988	SYYTGEQGQTQPLVQNVGLPNR	AGAP000550-PA	-	70	1.58E-06	2	2449.219	3.21	Malpighian tubule	X:+:9853737-9853802	exon=> In CDS Exon 9 of transcript AGAP000550-PA
JHU_Ag_58878	LDVFADQRR	AGAP000550-PA	-	31	0.011932471	1	1119.591	0.36	Midgut	X:+:9851397-9851423	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_59227	VSFECNEGFFLIGDSR	AGAP000550-PA	C5(Carbamidomethyl)	138	2.03E-13	1	1876.854	0.29	Midgut	X:+:9852762-9852809	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_59946	IFFETDDVHRR	AGAP000550-PA	-	49	0.000212221	1	1434.712	-0.38	Midgut	X:+:9849663-9849695	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_62177	FEQVAR	AGAP000550-PA	-	42	0.00098748	2	749.394	0.07	Midgut	X:+:9851265-9851282	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_64159	FLPDPDCDRDSNPTCLQHR	AGAP000550-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	67	1.78E-06	1	2343.033	3.58	Midgut	X:+:9850767-9850823	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_65075	FDTEEVVGTVVDTNR	AGAP000550-PA	-	76	4.74E-07	2	1680.809	0.62	Ovary	X:+:9849492-9849536	exon=> In CDS Exon 4 of transcript AGAP000550-PA

JHU_Ag_66278	AEELCGESYQCR	AGAP000550-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	84	1.04E-08	2	1501.612	5.04	Midgut	X:+:9852443-9852478	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_68378	NFNFQLPFFGFR	AGAP000550-PA	-	78	3.03E-07	1	1533.758	-3.88	Midgut	X:+:9848519-9848554	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_72329	NIHGPVMATQLTSIAAR	AGAP000550-PA	M7(Oxidation)	38	0.001349831	1	1795.955	3.76	Larva	X:+:9851283-9851333	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_73568	IYQTDFDQR	AGAP000550-PA	-	41	0.000640146	2	1185.554	0	Ovary	X:+:9848711-9848737	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_73928	TNEPLEGKPNIQFEPK	AGAP000550-PA	-	53	5.97E-05	1	1840.960	8.43	Malpighian tubule	X:+:9853269-9853316	exon=> In CDS Exon 9 of transcript AGAP000550-PA
JHU_Ag_75298	EVENIGQALFTR	AGAP000550-PA	-	44	0.000521	2	1376.719	1.19	Visceras	X:+:9852299-9852334	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_75658	KSNFLFTPGAR	AGAP000550-PA	-	51	9.19E-05	1	1237.672	2.29	Malpighian tubule	X:+:9852729-9852761	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_76127	SGQPTVQGSEQQCCYDR	AGAP000550-PA	C13(Carbamidomethyl), C14(Carbamidomethyl)	120	3.41E-12	1	1999.825	0.96	Midgut	X:+:9850845-9850895	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_78146	VSMNGFLEFSDPPEHYTYPLSFPIKDWPQR	AGAP000550-PA	M3(Oxidation), N4(Deamidated),M3(Oxidation)	100	1.12E-09	1	3614.685	-2.45	Midgut	X:+:9848570-9848659	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_78254	FEISIGTDR	AGAP000550-PA	-	50	0.000156354	2	1037.526	-0.31	Midgut	X:+:9849582-9849608	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_82856	VSMNGFLEFSDPPEHYTYPLSFPIK	AGAP000550-PA	M3(Oxidation), N4(Deamidated)	91	1.05E-08	1	2932.382	2.44	Midgut	X:+:9848570-9848644	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_84519	EGVVGSDTFVPK	AGAP000550-PA	-	64	8.18E-06	1	1234.632	0.14	Midgut	X:+:9848834-9848869	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_84864	HVIITTWK	AGAP000550-PA	-	47	8.76E-05	2	997.583	-0.33	Midgut	X:+:9848870-9848893	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_86902	DIHASMPQVHK	AGAP000550-PA	M6(Oxidation)	55	5.91E-05	1	1278.626	-0.16	Midgut	X:+:9848486-9848518	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_88183	SYYTGEQGQTQPLVQNVGLPNRMDSR	AGAP000550-PA	M23(Oxidation)	109	1.72E-10	1	2954.414	2.58	Malpighian tubule	X:+:9853737-9853814	exon=> In CDS Exon 9 of transcript AGAP000550-PA
JHU_Ag_90087	NYHASVINIQTVNEKR	AGAP000550-PA	-	116	3.41E-11	1	1885.985	-1.65	Midgut	X:+:9852527-9852570,9852683-9852686	exon=> In CDS Exon 7 and 8 of transcript AGAP000550-PA
JHU_Ag_91317	GGPEDTGDLQR	AGAP000550-PA	-	73	3.23E-07	2	1144.524	0.66	Midgut	X:+:9848453-9848485	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_91717	YFVETPATATDR	AGAP000550-PA	-	33	0.006301177	1	1370.660	1.17	Ovary	X:+:9849627-9849662	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_92022	KSNFLFTPGAR	AGAP000550-PA	-	87	2.04E-08	2	1237.670	1.01	Midgut	X:+:9852729-9852761	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_92490	NHNIGQIPWNEANK	AGAP000550-PA	-	64	6.09E-06	2	1634.809	3.33	Midgut	X:+:9850950-9850991	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_92745	VSFECNEGFFLIGDSRR	AGAP000550-PA	C5(Carbamidomethyl)	63	8.95E-06	1	2032.954	-0.37	Midgut	X:+:9852762-9852812	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_92811	NDPSFIGIFFSK	AGAP000550-PA	-	51	9.59E-05	2	1371.699	3.29	Ovary	X:+:9848660-9848695	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_93008	FDTEEVVGTVVDTNR	AGAP000550-PA	-	110	1.87E-10	2	1680.813	3.45	Midgut	X:+:9849492-9849536	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_93454	IFFETDDVHR	AGAP000550-PA	-	39	0.002036226	1	1278.612	0.38	Ovary	X:+:9849663-9849692	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_93761	VVSCGILETPR	AGAP000550-PA	C4(Carbamidomethyl)	59	2.08E-05	2	1230.654	2.1	Malpighian tubule	X:+:9852687-9852719	exon=> In CDS Exon 8 of transcript AGAP000550-PA
JHU_Ag_94920	NFLYPFYDR	AGAP000550-PA	-	39	0.001866895	1	1234.590	0.49	Midgut	X:+:9848426-9848452	exon=> In CDS Exon 2 of transcript AGAP000550-PA

JHU_Ag_95036	EMAHFTK	AGAP000550-PA	-	42	0.000611517	2	863.407	-0.82	Midgut	X:+:9852506-9852526	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_96218	YFVETPATATDR	AGAP000550-PA	-	79	1.62E-07	1	1370.657	-1.23	Malpighian tubule	X:+:9849627-9849662	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_103561	GDDSEFDDTTIK	AGAP000550-PA	-	48	7.82E-05	2	1342.568	2.59	Midgut	X:+:9853203-9853238	exon=> In CDS Exon 9 of transcript AGAP000550-PA
JHU_Ag_104039	YDFGMSLSR	AGAP000550-PA	M5(Oxidation)	35	0.002607878	2	1091.486	2.84	Larva	X:+:9852479-9852505	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_104285	IFFETDDVHR	AGAP000550-PA	-	59	2.23E-05	1	1278.621	7.63	Midgut	X:+:9849663-9849692	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_107929	NIHGPVMATQLTSIAAR	AGAP000550-PA	M7(Oxidation)	106	2.58E-10	1	1779.950	-2.17	Midgut	X:+:9851283-9851333	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_108537	IYQTDFDQR	AGAP000550-PA	-	45	0.000304438	2	1185.556	2.16	Malpighian tubule	X:+:9848711-9848737	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_108574	AICIQPFLK	AGAP000550-PA	C3(Carbamidomethyl)	53	5.65E-05	1	1089.612	-0.98	Midgut	X:+:9849537-9849563	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_108996	YDFGMSLSR	AGAP000550-PA	-	38	0.001469747	2	1075.490	2.01	Malpighian tubule	X:+:9852479-9852505	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_109032	LDVFADQR	AGAP000550-PA	-	59	2.43E-05	2	963.489	-0.36	Midgut	X:+:9851397-9851420	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_109444	NDPSFIGIFFSK	AGAP000550-PA	-	68	1.88E-06	2	1371.694	-0.63	Visceras	X:+:9848660-9848695	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_109645	FEISIGTDRFK	AGAP000550-PA	-	71	9.64E-07	1	1312.690	-0.01	Midgut	X:+:9849582-9849614	exon=> In CDS Exon 4 of transcript AGAP000550-PA
JHU_Ag_110558	ICMENGQWDVPEHGYTECLR	AGAP000550-PA	C2(Carbamidomethyl), M3(Oxidation), C18(Carbamidomethyl),"C2(Carbamidomethyl), C18(Carbamidomethyl)","C2(Carbamidomethyl), M3(Oxidation), N5(Deamidated), C18(Carbamidomethyl)"	77	1.29E-07	1	2494.065	2.56	Midgut	X:+:9852813-9852870,9853018-9853019	exon=> In CDS Exon 8 and 9 of transcript AGAP000550-PA
JHU_Ag_113082	EVENIGQALFTR	AGAP000550-PA	-	72	9.46E-07	2	1376.721	3.22	Larva	X:+:9852299-9852334	exon=> In CDS Exon 7 of transcript AGAP000550-PA
JHU_Ag_113415	EPPTHSIDGGYIINPTR	AGAP000550-PA	-	71	1.00E-06	2	1866.942	3.78	Malpighian tubule	X:+:9848357-9848407	exon=> In CDS Exon 2 of transcript AGAP000550-PA
JHU_Ag_114288	ALCDNWLR	AGAP000550-PA	C3(Carbamidomethyl)	52	9.17E-05	2	1047.504	-0.12	Midgut	X:+:9850659-9850682	exon=> In CDS Exon 5 of transcript AGAP000550-PA
JHU_Ag_662	SQAFDQFLAVK	AGAP000551-PA	-	65	3.63E-06	1	1253.656	2.91	Salivary gland	X:+:9858724-9858756	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_2159	LSDCVSPHTDFAPGTHFQPVLPDPAPLDPK	AGAP000551-PA	C4(Carbamidomethyl)	87	2.55E-08	1	3255.579	0.38	Malpighian tubule	X:+:9862158-9862247	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_2636	YEQLFQHELTEGER	AGAP000551-PA	-	101	1.11E-09	1	1778.831	-1.96	Midgut	X:+:9858655-9858696	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_3025	FHLADEAASEPLPELQYAR	AGAP000551-PA	-	90	1.72E-08	1	2157.066	2	Salivary gland	X:+:9858418-9858474	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_3296	FLQMTDSRETSPDGDAVNLQIINPSTPAQYFHALR	AGAP000551-PA	M4(Oxidation)	117	1.91E-11	1	3948.930	2.95	Malpighian tubule	X:+:9861990-9862094	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_4118	LPEGFNVHPHLQK	AGAP000551-PA	-	66	3.17E-06	1	1515.810	2.24	Malpighian tubule	X:+:9860360-9860374,9860447-9860470	exon=> In CDS Exon 3 and 4 of transcript AGAP000551-PA

JHU_Ag_4812	YEGLAAAVLDKR	AGAP000551-PA	-	76	2.64E-07	2	1305.718	1.25	Salivary gland	X:+:9857742-9857748,9858308-9858336	exon=> In CDS Exon 1 and 2 of transcript AGAP000551-PA
JHU_Ag_5048	VESLCPFPVQAIR	AGAP000551-PA	C5(Carbamidomethyl)	53	6.73E-05	1	1515.796	-1.78	Midgut	X:+:9862344-9862382	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_5178	KPLLVVAPK	AGAP000551-PA	-	51	7.60E-07	2	964.655	-0.8	Midgut	X:+:9862119-9862145	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_8240	WGHNELDDPTVTNPLLYR	AGAP000551-PA	-	124	6.73E-12	1	2140.054	3.57	Malpighian tubule	X:+:9860036-9860089	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_9375	SYFGGQWAGLQQPGDEVTVWNTGVDYR	AGAP000551-PA	-	76	3.00E-07	2	3030.408	1.97	Midgut	X:+:9860246-9860326	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_15553	HAMLVDQQTNEIFIPLNAMAAATPNAGR	AGAP000551-PA	M3(Oxidation), M19(Oxidation)	91	1.20E-08	1	3026.481	-0.33	Malpighian tubule	X:+:9860624-9860707	exon=> In CDS Exon 4 of transcript AGAP000551-PA
JHU_Ag_17071	LLSHIGQESVR	AGAP000551-PA	-	42	0.000418779	1	1238.688	2	Salivary gland	X:+:9860327-9860359	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_18381	EFVWSQEEHRNMGAWTFVQPR	AGAP000551-PA	M12(Oxidation)	48	0.000213277	1	2650.215	-3.94	Midgut	X:+:9862413-9862475	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_19944	VESLCPFPVQAIRDELAK	AGAP000551-PA	C5(Carbamidomethyl)	95	3.28E-09	1	2072.086	0.91	Malpighian tubule	X:+:9862344-9862397	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_20791	GLLNVPAAQQPLSMAELDALLAR	AGAP000551-PA	M14(Oxidation)	82	3.41E-08	2	2407.297	-1.8	Midgut	X:+:9858511-9858579	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_21753	SQAFDQFLAVK	AGAP000551-PA	-	77	2.23E-07	1	1253.653	0.29	Malpighian tubule	X:+:9858724-9858756	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_22483	LIEAGVFDQQDVDAISNSHR	AGAP000551-PA	-	70	1.66E-06	1	2214.083	1.85	Salivary gland	X:+:9860135-9860194	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_23133	LLSHIGQESVR	AGAP000551-PA	-	67	1.34E-06	1	1238.688	1.92	Malpighian tubule	X:+:9860327-9860359	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_24991	LIEAGVFDQQDVDAISNSHR	AGAP000551-PA	-	47	0.000338708	1	2214.081	1.02	Ovary	X:+:9860135-9860194	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_26404	YGLGAADR	AGAP000551-PA	-	51	0.000131157	2	822.411	0.26	Midgut	X:+:9858475-9858498	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_26736	ELAELMLK	AGAP000551-PA	M6(Oxidation)	35	0.003396549	2	962.524	0.95	Malpighian tubule	X:+:9858700-9858723	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_29533	YEGLAAAVLDK	AGAP000551-PA	-	93	6.97E-09	1	1149.616	1.14	Malpighian tubule	X:+:9857742-9857748,9858308-9858333	exon=> In CDS Exon 1 and 2 of transcript AGAP000551-PA
JHU_Ag_30484	LSGEDVGR	AGAP000551-PA	-	58	2.90E-05	2	832.416	-0.18	Midgut	X:+:9860582-9860605	exon=> In CDS Exon 4 of transcript AGAP000551-PA
JHU_Ag_32655	TFHLNMLHNPSHLEAVNPVSMGK	AGAP000551-PA	M21(Oxidation)	36	0.004228301	1	2589.270	-0.1	Midgut	X:+:9859574-9859642	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_33631	ETSPDGDAVNLQIINPSTPAQYFHALR	AGAP000551-PA	-	153	6.00E-15	1	2954.467	0.81	Midgut	X:+:9862014-9862094	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_34519	ETSPDGDAVNLQIINPSTPAQYFHALR	AGAP000551-PA	-	148	1.97E-14	1	2954.466	0.5	Salivary gland	X:+:9862014-9862094	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_36282	NMGAWTFVQPR	AGAP000551-PA	M2(Oxidation)	85	4.53E-08	1	1322.632	0.33	Midgut	X:+:9862443-9862475	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_36347	VIHGRPSIPDR	AGAP000551-PA	-	47	0.000139027	1	1246.704	1.86	Malpighian tubule	X:+:9860090-9860122	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_37130	LNVLTTMFGTRPAK	AGAP000551-PA	M7(Oxidation)	42	0.000521 74	1	1564.852	0.52	Midgut	X:+:9858886-9858927	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_37527	LIEAGVFDQQDVDAISNSHR	AGAP000551-PA	-	138	2.82E-13	1	2214.082	1.51	Malpighian tubule	X:+:9860135-9860194	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_40107	YEQLFQHELTEGERR	AGAP000551-PA	-	70	1.86E-06	1	1934.938	1.2	Malpighian tubule	X:+:9858655-9858699	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_41387	GKLNVLTTMFGTRPAK	AGAP000551-PA	M9(Oxidation)	81	4.84E-08	1	1749.975	3.74	Malpighian tubule	X:+:9858880-9858927	exon=> In CDS Exon 2 of transcript AGAP000551-PA

JHU_Ag_42729	AIMAPVVHVNGDDPEALAGVTQLAIEYR	AGAP000551-PA	M3(Oxidation), N10(Deamidated),M3(Oxidation)	120	1.07E-11	1	2966.500	2.41	Midgut	X:+:9859904-9859987	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_43426	GRPEAATVAVGVSK	AGAP000551-PA	-	82	4.53E-08	1	1341.748	-0.72	Midgut	X:+:9862591-9862632	exon=> In CDS Exon 6 of transcript AGAP000551-PA
JHU_Ag_43669	QLALADGPYDTSGTDRR	AGAP000551-PA	-	47	0.000307022	1	1835.896	4.17	Malpighian tubule	X:+:9859655-9859705	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_43789	FLQMTDSR	AGAP000551-PA	-	50	8.81E-05	2	997.479	1.74	Salivary gland	X:+:9861990-9862013	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_43933	SAGEHELR	AGAP000551-PA	-	44	0.00033482	2	898.443	5.33	Malpighian tubule	X:+:9858829-9858852	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_44107	LIEAGVFDQQDVDAISNSHR	AGAP000551-PA	-	131	1.18E-12	1	2214.080	0.45	Midgut	X:+:9860135-9860194	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_45621	HYYTLASER	AGAP000551-PA	-	53	6.83E-05	1	1139.549	0.76	Malpighian tubule	X:+:9862281-9862307	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_46714	ELAELMLK	AGAP000551-PA	M6(Oxidation)	45	0.000369752	2	946.528	0.62	Midgut	X:+:9858700-9858723	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_46721	FENMCER	AGAP000551-PA	M4(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	34	0.000456449	1	985.387	-0.15	Malpighian tubule	X:+:9862476-9862496	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_47808	QVTDVALVR	AGAP000551-PA	-	54	5.26E-05	2	1000.580	0.95	Malpighian tubule	X:+:9862317-9862343	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_48704	FHLADEAASEPLPELQYAR	AGAP000551-PA	-	176	3.78E-17	1	2157.064	1.3	Malpighian tubule	X:+:9858418-9858474	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_49547	VESLCPFPVQAIR	AGAP000551-PA	C5(Carbamidomethyl)	38	0.002188615	2	1515.801	1.36	Salivary gland	X:+:9862344-9862382	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_49762	LLSHIGQESVRLPEGFNVHPHLQK	AGAP000551-PA	-	64	1.85E-06	1	2735.486	4.43	Malpighian tubule	X:+:9860327-9860374,9860447-9860470	exon=> In CDS Exon 3 and 4 of transcript AGAP000551-PA
JHU_Ag_50169	VESLCPFPVQAIR	AGAP000551-PA	C5(Carbamidomethyl)	58	2.15E-05	2	1515.801	1.44	Malpighian tubule	X:+:9862344-9862382	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_50361	YGLGAADRIDPR	AGAP000551-PA	-	39	0.002094423	1	1303.679	3.02	Malpighian tubule	X:+:9858475-9858510	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_51143	KPLLVVAPK	AGAP000551-PA	-	54	3.56E-07	2	964.658	2.17	Malpighian tubule	X:+:9862119-9862145	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_51523	HYYTLASER	AGAP000551-PA	-	41	0.001221279	2	1139.550	1.94	Salivary gland	X:+:9862281-9862307	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_52731	WGHNELDDPTVTNPLLYR	AGAP000551-PA	-	99	2.35E-09	1	2140.044	-1.11	Midgut	X:+:9860036-9860089	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_53588	NYLTAELAACEQYEPER	AGAP000551-PA	C10(Carbamidomethyl)	120	1.11E-11	1	2056.938	4.7	Malpighian tubule	X:+:9860195-9860245	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_54436	NMGAWTFVQPR	AGAP000551-PA	M2(Oxidation)	73	9.18E-07	2	1306.642	4.38	Malpighian tubule	X:+:9862443-9862475	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_57222	LSDCVSPHTDFAPGTHFQPVLPDPAPLDPKR	AGAP000551-PA	C4(Carbamidomethyl)	117	2.14E-11	1	3411.696	5.05	Malpighian tubule	X:+:9862158-9862250	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_57802	IDWATAEALAIGSLMYQGFNVR	AGAP000551-PA	M15(Oxidation)	120	1.33E-11	1	2442.217	1.97	Midgut	X:+:9860516-9860581	exon=> In CDS Exon 4 of transcript AGAP000551-PA
JHU_Ag_60417	GLLNVPAAQQPLSMAELDALLAR	AGAP000551-PA	M14(Oxidation)	120	4.68E-12	1	2407.308	2.66	Malpighian tubule	X:+:9858511-9858579	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_61747	EFVWSQEEHR	AGAP000551-PA	-	63	4.27E-06	1	1346.612	-0.07	Malpighian tubule	X:+:9862413-9862442	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_65827	GLLNVPAAQQPLSMAELDALLAR	AGAP000551-PA	M14(Oxidation)	106	1.38E-10	1	2407.305	1.35	Salivary gland	X:+:9858511-9858579	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_66374	LSDCVSPHTDFAPGTHFQPVLPDPAPLDPKR	AGAP000551-PA	C4(Carbamidomethyl)	53	5.12E-05	1	3411.692	3.84	Midgut	X:+:9862158-9862250	exon=> In CDS Exon 5 of transcript AGAP000551-PA

JHU_Ag_66803	DFFIDLNCYR	AGAP000551-PA	C8(Carbamidomethyl)	78	1.66E-07	2	1362.619	3.35	Malpighian tubule	X:+:9860003-9860032	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_67855	HYYTLASER	AGAP000551-PA	-	45	0.00042493	2	1139.547	-1.17	Midgut	X:+:9862281-9862307	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_67951	GRPEAATVAVGVSKWHVR	AGAP000551-PA	-	58	6.94E-06	1	1920.064	3.73	Malpighian tubule	X:+:9862591-9862644	exon=> In CDS Exon 6 of transcript AGAP000551-PA
JHU_Ag_70189	QLALADGPYDTSGTDR	AGAP000551-PA	-	73	7.35E-07	2	1679.798	6.45	Malpighian tubule	X:+:9859655-9859702	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_71302	QVTDVALVR	AGAP000551-PA	-	39	0.001462788	2	1000.576	-2.28	Midgut	X:+:9862317-9862343	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_71409	ETSPDGDAVNLQIINPSTPAQYFHALR	AGAP000551-PA	-	169	1.53E-16	1	2954.473	2.97	Malpighian tubule	X:+:9862014-9862094	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_71464	NVVIGMPHR	AGAP000551-PA	M6(Oxidation)	58	1.33E-05	1	1038.550	-1.58	Malpighian tubule	X:+:9858853-9858879	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_73689	YGGEGAESMMAFYWELFR	AGAP000551-PA	M9(Oxidation), M10(Oxidation)	81	4.82E-08	2	2175.924	4.01	Malpighian tubule	X:+:9858775-9858828	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_74814	SQAFDQFLAVK	AGAP000551-PA	-	79	1.32E-07	2	1253.653	-0.01	Midgut	X:+:9858724-9858756	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_75134	FHLADEAASEPLPELQYAR	AGAP000551-PA	-	136	3.91E-13	1	2157.068	3.11	Midgut	X:+:9858418-9858474	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_75466	ETSPDGDAVNLQIINPSTPAQYFHALR	AGAP000551-PA	-	104	4.29E-10	1	3110.563	-0.9	Midgut	X:+:9862014-9862097	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_76472	VVLCSGKHYYTLASER	AGAP000551-PA	C4(Carbamidomethyl)	107	2.39E-10	1	1882.953	2.66	Malpighian tubule	X:+:9862260-9862307	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_77381	EFVWSQEEHRNMGAWTFVQPR	AGAP000551-PA	M12(Oxidation)	148	2.30E-14	1	2650.239	4.97	Malpighian tubule	X:+:9862413-9862475	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_78794	NANANVYR	AGAP000551-PA	-	52	0.000100413	2	921.455	1.38	Malpighian tubule	X:+:9858337-9858360	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_79668	GRPEAATVAVGVSK	AGAP000551-PA	-	78	1.01E-07	1	1341.753	3.01	Malpighian tubule	X:+:9862591-9862632	exon=> In CDS Exon 6 of transcript AGAP000551-PA
JHU_Ag_79800	SQAFDQFLAVKFPTVK	AGAP000551-PA	-	109	9.05E-11	1	1825.999	7.83	Malpighian tubule	X:+:9858724-9858771	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_80452	WGHNELDDPTVTNPLLYR	AGAP000551-PA	-	38	0.002819503	1	2140.052	3.08	Salivary gland	X:+:9860036-9860089	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_81275	MAAIDPVKFHLADEAASEPLPELQYAR	AGAP000551-PA	M1(Oxidation)	115	3.52E-11	1	2998.511	4.25	Malpighian tubule	X:+:9858394-9858474	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_81549	KPLLVVAPK	AGAP000551-PA	-	33	5.45E-05	1	964.657	1.29	Salivary gland	X:+:9862119-9862145	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_81562	NYLTAELAACEQYEPER	AGAP000551-PA	C10(Carbamidomethyl)	133	4.03E-13	1	2056.928	-0.16	Midgut	X:+:9860195-9860245	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_81710	EFVWSQEEHR	AGAP000551-PA	-	72	6.09E-07	1	1346.613	0.21	Midgut	X:+:9862413-9862442	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_85275	QLALADGPYDTSGTDRR	AGAP000551-PA	-	36	0.004068366	1	1835.886	-1.02	Midgut	X:+:9859655-9859705	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_85342	LLSHIGQESVR	AGAP000551-PA	-	73	3.89E-07	1	1238.685	-0.38	Midgut	X:+:9860327-9860359	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_86783	GKLNVLTTMFGTRPAK	AGAP000551-PA	-	84	1.78E-08	1	1733.971	-1.23	Midgut	X:+:9858880-9858927	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_87425	FENMCER	AGAP000551-PA	M4(Oxidation), C5(Carbamidomethyl)	35	0.000243815	2	1001.381	-0.49	Midgut	X:+:9862476-9862496	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_93040	YEGLAAAVLDKR	AGAP000551-PA	-	90	1.09E-08	1	1305.722	4.24	Malpighian tubule	X:+:9857742-9857748,9858308-9858336	exon=> In CDS Exon 1 and 2 of transcript AGAP000551-PA
JHU_Ag_93333	VESLCPFPVQAIRDELAK	AGAP000551-PA	C5(Carbamidomethyl)	52	7.02E-05	1	2072.089	2.23	Salivary gland	X:+:9862344-9862397	exon=> In CDS Exon 5 of transcript AGAP000551-PA

JHU_Ag_95007	SAGEHELRNVVIGMPHR	AGAP000551-PA	M14(Oxidation)	108	2.90E-10	1	1917.979	3.95	Malpighian tubule	X:+:9858829-9858879	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_95014	DFFIDLNCYR	AGAP000551-PA	C8(Carbamidomethyl)	78	1.68E-07	2	1362.615	-0.14	Midgut	X:+:9860003-9860032	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_95359	VIHGRPSIPDR	AGAP000551-PA	-	29	0.011327	1	1246.701	-0.49	Midgut	X:+:9860090-9860122	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_95434	YEQLFQHELTEGERR	AGAP000551-PA	-	70	1.77E-06	1	1934.934	-0.6	Midgut	X:+:9858655-9858699	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_96149	STRYVSDLAK	AGAP000551-PA	-	40	0.000966	1	1139.609	2.65	Malpighian tubule	X:+:9859874-9859903	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_98016	LSDCVSPHTDFAPGTHFQPVLPDPAPLDPK	AGAP000551-PA	C4(Carbamidomethyl)	72	7.41E-07	1	3255.592	4.33	Midgut	X:+:9862158-9862247	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_99313	LSGEDVGR	AGAP000551-PA	-	49	0.000178	2	832.418	1.87	Malpighian tubule	X:+:9860582-9860605	exon=> In CDS Exon 4 of transcript AGAP000551-PA
JHU_Ag_99441	YEQLFQHELTEGER	AGAP000551-PA	-	103	7.33E-10	1	1778.835	0.24	Malpighian tubule	X:+:9858655-9858696	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_100122	AIMAPVVHVNGDDPEALAGVTQLAIEYRQK	AGAP000551-PA	M3(Oxidation)	113	3.19E-11	1	3221.681	5.61	Malpighian tubule	X:+:9859904-9859993	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_101388	FLQMTDSR	AGAP000551-PA	M4(Oxidation)	58	1.38E-05	2	1013.471	-0.61	Midgut	X:+:9861990-9862013	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_102396	VIHGRPSIPDRYAGR	AGAP000551-PA	-	34	0.002120	1	1693.928	1.96	Malpighian tubule	X:+:9860090-9860134	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_103476	ETSPDGDAVNLQIINPSTPAQYFHALRR	AGAP000551-PA	-	184	3.18E-18	1	3110.578	4.16	Malpighian tubule	X:+:9862014-9862097	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_105619	YGLGAADR	AGAP000551-PA	-	60	1.20E-05	1	822.412	2.04	Malpighian tubule	X:+:9858475-9858498	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_105816	HAMLVDQQTNEIFIPLNAMAAATPNAGR	AGAP000551-PA	M3(Oxidation),"M3(Oxidation), M19(Oxidation)",M19(Oxidation)	86	4.01E-08	1	3026.484	0.52	Midgut	X:+:9860624-9860707	exon=> In CDS Exon 4 of transcript AGAP000551-PA
JHU_Ag_106308	LSGEDVGRGTFAQR	AGAP000551-PA	-	56	3.84E-05	1	1492.755	3.31	Malpighian tubule	X:+:9860582-9860623	exon=> In CDS Exon 4 of transcript AGAP000551-PA
JHU_Ag_112100	LNVLTTMFGTRPAK	AGAP000551-PA	M7(Oxidation)	39	0.001097	1	1564.852	0.51	Malpighian tubule	X:+:9858886-9858927	exon=> In CDS Exon 2 of transcript AGAP000551-PA
JHU_Ag_112494	NFRKPLLVVAPK	AGAP000551-PA	-	48	6.62E-06	3	1381.874	4.13	Malpighian tubule	X:+:9862110-9862145	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_113241	AIMAPVVHVNGDDPEALAGVTQLAIEYR	AGAP000551-PA	M3(Oxidation), N10(Deamidated),M3(Oxidation)	132	5.44E-13	1	2965.517	2.66	Malpighian tubule	X:+:9859904-9859987	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_114461	VESLCPFPVQAIRDELAK	AGAP000551-PA	C5(Carbamidomethyl)	67	2.18E-06	1	2072.084	-0.15	Midgut	X:+:9862344-9862397	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_114781	TFHLNMLHNPSHLEAVNPVSMGK	AGAP000551-PA	M6(Oxidation), M21(Oxidation),M21(Oxidation)	75	4.83E-07	1	2589.282	4.61	Malpighian tubule	X:+:9859574-9859642	exon=> In CDS Exon 3 of transcript AGAP000551-PA
JHU_Ag_114909	LPEGFNVHPHLQK	AGAP000551-PA	-	66	2.83E-06	1	1515.806	-0.75	Midgut	X:+:9860360-9860374,9860447-9860470	exon=> In CDS Exon 3 and 4 of transcript AGAP000551-PA
JHU_Ag_115378	FLQMTDSR	AGAP000551-PA	M4(Oxidation)	52	4.89E-05	2	1013.470	-1.7	Malpighian tubule	X:+:9861990-9862013	exon=> In CDS Exon 5 of transcript AGAP000551-PA
JHU_Ag_116393	YEGLAAAVLDK	AGAP000551-PA	-	73	5.59E-07	2	1149.617	1.99	Salivary gland	X:+:9857742-9857748,9858308-9858333	exon=> In CDS Exon 1 and 2 of transcript AGAP000551-PA
JHU_Ag_11954	LSQIVR	AGAP000552-PA	Q3(Deamidated)	40	0.001677	2	716.432	2.58	Malpighian tubule	X:-:9869004-9868987	exon=> In CDS Exon 2 of transcript AGAP000552-PA
JHU_Ag_12869	LSQIVR	AGAP000552-PA	Q3(Deamidated)	48	0.000210	2	716.430	-0.06	Male reproductive organs	X:-:9869004-9868987	exon=> In CDS Exon 2 of transcript AGAP000552-PA

JHU_Ag_67402	ISVYDLIR	AGAP000552-PA	-	47	9.41E-05	2	978.566	3.73	Malpighian tubule	X:-:9866113-9866090	exon=> In CDS Exon 5 of transcript AGAP000552-PA
JHU_Ag_111881	LSQIVR	AGAP000552-PA	Q3(Deamidated)	40	0.001457876	2	716.430	-0.15	Head	X:-:9869004-9868987	exon=> In CDS Exon 2 of transcript AGAP000552-PA
JHU_Ag_6756	VQEVLQELSLVK	AGAP000553-PA	-	43	0.000249111	2	1384.807	1.46	Head	X:+:9882021-9882056	exon=> In CDS Exon 2 of transcript AGAP000553-PA
JHU_Ag_66945	TTLLNALAFR	AGAP000553-PA	-	72	2.93E-07	2	1119.655	2.31	Head	X:+:9881787-9881816	exon=> In CDS Exon 2 of transcript AGAP000553-PA
JHU_Ag_91250	VQEVLQELSLVK	AGAP000553-PA	-	69	7.18E-07	2	1384.807	1.72	Male reproductive organs	X:+:9882021-9882056	exon=> In CDS Exon 2 of transcript AGAP000553-PA
JHU_Ag_102964	TTLLNALAFR	AGAP000553-PA	-	69	6.61E-07	2	1119.653	0.9	Male reproductive organs	X:+:9881787-9881816	exon=> In CDS Exon 2 of transcript AGAP000553-PA
JHU_Ag_19023	LGSLAFPR	AGAP000556-PA	-	58	1.45E-05	2	860.499	0.54	Visceras	X:-:9893887-9893864	exon=> In CDS Exon 1 of transcript AGAP000556-PA
JHU_Ag_1099	YRDWGWDAVQALEK	AGAP000558-PA,AGAP000558-PB	-	62	1.14E-05	2	1736.841	1.26	Midgut	X:+:9925576-9925605,9925666-9925677;X:+:9925576-9925605,9925666-9925677	exon=> In CDS Exon 4 and 5 of transcript AGAP000558-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000558-PB
JHU_Ag_36695	AWIQSGQEDWEAR	AGAP000558-PA,AGAP000558-PB	-	53	4.93E-05	2	1575.718	-0.49	Midgut	X:+:9925070-9925108;X:+:9925070-9925108	exon=> In CDS Exon 3 of transcript AGAP000558-PA;exon=> In CDS Exon 3 of transcript AGAP000558-PB
JHU_Ag_48434	FIGGFLTCYAFTGDR	AGAP000558-PA,AGAP000558-PB	C8(Carbamidomethyl)	56	3.22E-05	2	1724.816	3.64	Midgut	X:+:9921888-9921932;X:+:9921888-9921932	exon=> In CDS Exon 2 of transcript AGAP000558-PA;exon=> In CDS Exon 2 of transcript AGAP000558-PB
JHU_Ag_62155	NVYLTEPVKDDVQQSFFLAETLK	AGAP000558-PA,AGAP000558-PB	-	57	1.79E-05	3	2684.390	3.18	Salivary gland	X:+:9925714-9925782;X:+:9925714-9925782	exon=> In CDS Exon 5 of transcript AGAP000558-PA;exon=> In CDS Exon 5 of transcript AGAP000558-PB
JHU_Ag_84526	AVLKDIEKPK	AGAP000558-PA,AGAP000558-PB	-	52	1.62E-05	1	1140.702	3.17	Malpighian tubule	X:+:9924938-9924967;X:+:9924938-9924967	exon=> In CDS Exon 3 of transcript AGAP000558-PA;exon=> In CDS Exon 3 of transcript AGAP000558-PB
JHU_Ag_91644	YRDWGWDAVQALEK	AGAP000558-PA,AGAP000558-PB	-	64	6.62E-06	1	1736.840	0.23	Salivary gland	X:+:9925576-9925605,9925666-9925677;X:+:9925576-9925605,9925666-9925677	exon=> In CDS Exon 4 and 5 of transcript AGAP000558-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000558-PB
JHU_Ag_96988	FIGGFLTCYAFTGDR	AGAP000558-PA,AGAP000558-PB	C8(Carbamidomethyl)	95	3.90E-09	2	1724.811	0.6	Salivary gland	X:+:9921888-9921932;X:+:9921888-9921932	exon=> In CDS Exon 2 of transcript AGAP000558-PA;exon=> In CDS Exon 2 of transcript AGAP000558-PB
JHU_Ag_116360	AWIQSGQEDWEAR	AGAP000558-PA,AGAP000558-PB	-	80	1.03E-07	2	1575.720	0.9	Salivary gland	X:+:9925070-9925108;X:+:9925070-9925108	exon=> In CDS Exon 3 of transcript AGAP000558-PA;exon=> In CDS Exon 3 of transcript AGAP000558-PB
JHU_Ag_36801	VSGGGSGTAGTSVSVTNPLLGRR	AGAP000558-PB	-	68	1.49E-06	1	2130.138	5.43	Malpighian tubule	X:+:9898666-9898734	exon=> In CDS Exon 1 of transcript AGAP000558-PB
JHU_Ag_50360	VSGGGSGTAGTSVSVTNPLLGR	AGAP000558-PB	-	91	1.40E-08	1	1974.022	-1.59	Salivary gland	X:+:9898666-9898731	exon=> In CDS Exon 1 of transcript AGAP000558-PB
JHU_Ag_93495	AGPEIFIPAPPPAHGR	AGAP000558-PB	-	78	1.62E-07	1	1626.875	-0.32	Salivary gland	X:+:9898873-9898920	exon=> In CDS Exon 1 of transcript AGAP000558-PB
JHU_Ag_115127	AGPEIFIPAPPPAHGR	AGAP000558-PB	-	70	9.23E-07	1	1626.884	5.54	Malpighian tubule	X:+:9898873-9898920	exon=> In CDS Exon 1 of transcript AGAP000558-PB
JHU_Ag_8224	ITTGAQNDLEK	AGAP000560-PA	-	55	5.52E-05	2	1189.611	3.94	Malpighian tubule	X:+:9937763-9937795	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_9254	FTLVDPVESGGR	AGAP000560-PA	-	39	0.002099 77	1	1276.653	-0.01	Ovary	X:+:9936698-9936733	exon=> In CDS Exon 1 of transcript AGAP000560-PA

JHU_Ag_10185	AAENLTFNR	AGAP000560-PA	-	56	4.41E-05	2	1035.525	2.89	Malpighian tubule	X:+:9937736-9937762	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_12427	TSLALGFAQYTPK	AGAP000560-PA	-	78	1.54E-07	2	1396.757	7.32	Malpighian tubule	X:+:9937634-9937672	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_17931	TSLALGFAQYTPKEQK	AGAP000560-PA	-	32	0.006814433	1	1781.951	4.27	Malpighian tubule	X:+:9937634-9937681	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_25140	AKFTLVDPVESGGR	AGAP000560-PA	-	58	2.31E-05	1	1475.789	2.81	Malpighian tubule	X:+:9936692-9936733	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_28313	LGVTDGVSVQFER	AGAP000560-PA	-	37	0.002845875	2	1406.728	0.5	Ovary	X:+:9936527-9936565	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_39997	HLSGIALEHPPATYSSR	AGAP000560-PA	-	33	0.006284486	1	1835.950	5.28	Malpighian tubule	X:+:9937310-9937360	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_50332	TSLALGFAQYTPK	AGAP000560-PA	-	52	6.42E-05	2	1396.754	5.23	Head	X:+:9937634-9937672	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_53697	LATLTPGFSGADIANVCNEAALHAAR	AGAP000560-PA	C17(Carbamidomethyl)	75	3.60E-07	1	2640.326	2.38	Visceras	X:+:9937361-9937438	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_67609	TSNLEYAVER	AGAP000560-PA	-	66	3.87E-06	2	1181.582	1.88	Malpighian tubule	X:+:9937460-9937489	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_86406	SPCIIYVDEIDAIGR	AGAP000560-PA	C3(Carbamidomethyl)	75	5.68E-07	2	1720.866	5	Malpighian tubule	X:+:9937022-9937066	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_87976	TSLALGFAQYTPK	AGAP000560-PA	-	67	2.42E-06	1	1396.750	2.26	Visceras	X:+:9937634-9937672	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_90416	LATLTPGFSGADIANVCNEAALHAAR	AGAP000560-PA	C17(Carbamidomethyl)	50	0.000101242	1	2640.340	7.44	Malpighian tubule	X:+:9937361-9937438	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_108225	LGVTDGVSVQFER	AGAP000560-PA	-	77	2.91E-07	2	1406.735	5.53	Malpighian tubule	X:+:9936527-9936565	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_113517	SPCIIYVDEIDAIGR	AGAP000560-PA	C3(Carbamidomethyl)	118	2.66E-11	2	1720.866	5	Visceras	X:+:9937022-9937066	exon=> In CDS Exon 1 of transcript AGAP000560-PA
JHU_Ag_1866	FPSGPEENCLSIGGK	AGAP000561-PA	C9(Carbamidomethyl)	53	6.83E-05	2	1591.743	0.58	Head	X:+:9946205-9946243,9953042-9953047	exon=> In CDS Exon 1 and 2 of transcript AGAP000561-PA
JHU_Ag_2616	TGAEGTVLDEAKNINK	AGAP000561-PA	-	91	1.14E-08	1	1659.866	6.92	Malpighian tubule	X:+:9953636-9953683	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_2701	INEMLTNLLR	AGAP000561-PA	M4(Oxidation)	49	0.000170573	2	1232.669	2.08	Malpighian tubule	X:+:9954660-9954689	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_3811	ILQESLGGNAR	AGAP000561-PA	-	71	1.03E-06	1	1157.631	2.74	Salivary gland	X:+:9953771-9953803	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_4070	TGAEGTVLDEAK	AGAP000561-PA	-	67	3.08E-06	2	1190.589	-0.6	Pupa	X:+:9953636-9953671	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_4602	QTTLNSVQSELQQLK	AGAP000561-PA	-	95	3.40E-09	1	1716.917	2.59	Head	X:+:9954588-9954632	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_4851	LYLVDLAGSEK	AGAP000561-PA	-	58	1.41E-05	1	1207.660	2.91	Pupa	X:+:9953594-9953626	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_5655	IRDLLDVSK	AGAP000561-PA	-	45	0.000264296	1	1058.619	-1.35	Head	X:+:9953339-9953365	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_6865	VAFESQMDQLR	AGAP000561-PA	-	60	1.81E-05	2	1323.644	6.21	Ovary	X:+:9955107-9955139	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_9212	SGGTGAATTAPGGGTAITPK	AGAP000561-PA	-	75	5.28E-07	2	1672.857	4.08	Malpighian tubule	X:+:9962965-9963024	exon=> In CDS Exon 7 of transcript AGAP000561-PA
JHU_Ag_9644	FVSSPEEVFEVIEEGK	AGAP000561-PA	-	85	4.87E-08	1	1824.896	2.89	Malpighian tubule	X:+:9953429-9953476	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_10387	LYQQLDEKDEEINQQSQYVEK	AGAP000561-PA	-	60	1.36E-05	1	2627.252	1.96	Ovary	X:+:9954291-9954353	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_11360	SLNSEDTEDDGGSLAQK	AGAP000561-PA	-	92	4.72E-09	2	1765.775	1.34	Ovary	X:+:9962516-9962566	exon=> In CDS Exon 6 of transcript AGAP000561-PA

JHU_Ag_17416	GPQAQIAKPIR	AGAP000561-PA	-	54	9.92E-06	1	1178.704	2.9	Malpighian tubule	X:+:9962822-9962840,9962924-9962937	exon=> In CDS Exon 6 and 7 of transcript AGAP000561-PA
JHU_Ag_18426	ISFLENNLEQLTK	AGAP000561-PA	-	66	2.52E-06	1	1548.835	5.34	Head	X:+:9962573-9962611	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_20788	LYLVDLAGSEK	AGAP000561-PA	-	32	0.005857653	1	1207.655	-1.64	Malpighian tubule	X:+:9953594-9953626	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_20980	ISFLENNLEQLTK	AGAP000561-PA	-	100	1.07E-09	1	1548.834	4.47	Malpighian tubule	X:+:9962573-9962611	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_22267	SLSALGNVISALADGNK	AGAP000561-PA	-	44	0.000415692	2	1629.885	2.52	Male reproductive organs	X:+:9953684-9953734	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_23088	ELQSLHALR	AGAP000561-PA	-	32	0.004368502	2	1066.594	-6.43	Head	X:+:9962376-9962402	exon=> In CDS Exon 5 of transcript AGAP000561-PA
JHU_Ag_23341	QELINELKDTNQK	AGAP000561-PA	-	79	1.57E-07	1	1572.823	0.05	Head	X:+:9955191-9955216,9955327-9955339	exon=> In CDS Exon 3 and 4 of transcript AGAP000561-PA
JHU_Ag_23563	LYLVDLAGSEK	AGAP000561-PA	-	68	1.61E-06	2	1207.660	2.51	Salivary gland	X:+:9953594-9953626	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_24362	LLISQHEAR	AGAP000561-PA	-	47	0.000125476	1	1066.604	3.41	Malpighian tubule	X:+:9954921-9954947	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_24478	INEMLTNLLR	AGAP000561-PA	M4(Oxidation)	55	3.61E-05	2	1216.672	0.44	Ovary	X:+:9954660-9954689	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_25253	SLSALGNVISALADGNK	AGAP000561-PA	-	38	0.001451922	2	1629.889	5.21	Larva	X:+:9953684-9953734	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_28382	RYQYEVDR	AGAP000561-PA	-	48	0.00016182	1	1128.542	-1.31	Head	X:+:9962759-9962782	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_28591	ISFLENNLEQLTK	AGAP000561-PA	-	43	0.000558714	2	1548.835	5.26	Pupa	X:+:9962573-9962611	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_30198	DYENLQSEMTR	AGAP000561-PA	M9(Oxidation)	73	3.79E-07	2	1385.608	5.41	Malpighian tubule	X:+:9954405-9954437	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_30562	HIAVTNMNEHSSR	AGAP000561-PA	M7(Oxidation)	41	0.000901374	1	1511.696	-4.14	Head	X:+:9953486-9953524	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_30903	TLEENIDALREECAK	AGAP000561-PA	C13(Carbamidomethyl)	56	3.97E-05	1	1790.869	5.35	Malpighian tubule	X:+:9954996-9955040	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_32467	DYENLQSEMTR	AGAP000561-PA	M9(Oxidation)	79	7.38E-08	2	1401.595	0.18	Head	X:+:9954405-9954437	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_33911	ISFLENNLEQLTK	AGAP000561-PA	-	85	3.57E-08	1	1548.836	5.73	Larva	X:+:9962573-9962611	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_34613	FPSGPEENCLSIGGK	AGAP000561-PA	C9(Carbamidomethyl)	61	1.03E-05	2	1591.743	0.81	Ovary	X:+:9946205-9946243,9953042-9953047	exon=> In CDS Exon 1 and 2 of transcript AGAP000561-PA
JHU_Ag_35658	LEAELAR	AGAP000561-PA	-	36	0.005217467	2	801.447	0.73	Head	X:+:9954081-9954101	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_35764	SLSALGNVISALADGNK	AGAP000561-PA	-	102	5.55E-10	2	1629.892	7.16	Malpighian tubule	X:+:9953684-9953734	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_35985	EVLQALEELAVNYDQK	AGAP000561-PA	-	95	4.46E-09	2	1861.962	4.4	Head	X:+:9954477-9954524	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_36142	SHSVFLINVK	AGAP000561-PA	-	37	0.002592898	2	1143.653	0.89	Ovary	X:+:9953525-9953554	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_37368	SLSALGNVISALADGNK	AGAP000561-PA	-	86	2.61E-08	2	1629.887	3.64	Salivary gland	X:+:9953684-9953734	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_37903	QTTLNSVQSELQQLK	AGAP000561-PA	-	83	4.81E-08	1	1716.917	2.66	Ovary	X:+:9954588-9954632	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_38194	SLNSEDTEDDGGSLAQKQK	AGAP000561-PA	-	69	1.83E-06	1	2021.930	2.14	Malpighian tubule	X:+:9962516-9962572	exon=> In CDS Exon 6 of transcript AGAP000561-PA

JHU_Ag_39025	CANLETLQQDTCR	AGAP000561-PA	C1(Carbamidomethyl), C12(Carbamidomethyl)	40	0.000950105	2	1608.718	4.68	Malpighian tubule	X:+:9954843-9954881	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_39609	TTIVICCSPASFNESETK	AGAP000561-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	100	1.30E-09	1	2043.943	3.26	Malpighian tubule	X:+:9953804-9953857	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_39725	DEEINQQSQYVEK	AGAP000561-PA	Q6(Deamidated),Q9(Deamidated)	118	1.89E-11	1	1609.737	1.96	Head	X:+:9954315-9954353	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_41518	LFVLDLQAR	AGAP000561-PA	-	43	0.000238481	2	1074.634	3.3	Salivary gland	X:+:9962406-9962426,9962501-9962506	exon=> In CDS Exon 5 and 6 of transcript AGAP000561-PA
JHU_Ag_45167	SGGTGAATTAPGGGTAITPK	AGAP000561-PA	-	75	4.66E-07	2	1672.852	1.16	Head	X:+:9962965-9963024	exon=> In CDS Exon 7 of transcript AGAP000561-PA
JHU_Ag_47923	ILQESLGGNAR	AGAP000561-PA	-	60	9.62E-06	1	1157.634	5.9	Malpighian tubule	X:+:9953771-9953803	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_48097	NVVCVNEELTAEEWK	AGAP000561-PA	C4(Carbamidomethyl)	79	1.87E-07	2	1819.854	0.21	Head	X:+:9953979-9954023	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_49817	ILQESLGGNAR	AGAP000561-PA	-	90	1.29E-08	2	1157.626	-1.59	Head	X:+:9953771-9953803	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_49866	ISFLENNLEQLTKVHK	AGAP000561-PA	-	37	0.001005434	1	1913.057	4.18	Malpighian tubule	X:+:9962573-9962620	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_52968	TTIVICCSPASFNESETKSTLDFGR	AGAP000561-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	53	6.39E-05	1	2820.326	3	Malpighian tubule	X:+:9953804-9953878	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_53560	VGDYEKDLSECR	AGAP000561-PA	C11(Carbamidomethyl)	81	7.09E-08	1	1470.656	2.33	Malpighian tubule	X:+:9954885-9954920	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_54713	THTMEGVIGDPAKQGIIPR	AGAP000561-PA	M4(Oxidation)	34	0.003957162	1	2036.069	4.9	Malpighian tubule	X:+:9953189-9953245	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_55238	FRPLNDSEELAGSK	AGAP000561-PA	-	76	4.42E-07	1	1562.786	2.92	Malpighian tubule	X:+:9946151-9946192	exon=> In CDS Exon 1 of transcript AGAP000561-PA
JHU_Ag_56457	FVSSPEEVFEVIEEGK	AGAP000561-PA	-	103	8.34E-10	1	1824.895	2.82	Visceras	X:+:9953429-9953476	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_56520	THTMEGVIGDPAK	AGAP000561-PA	M4(Oxidation)	61	1.11E-05	2	1371.663	3.94	Malpighian tubule	X:+:9953189-9953227	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_56574	DLSEVGQALAADQNEMK	AGAP000561-PA	M16(Oxidation),"N14(Deamidated), M16(Oxidation)","Q13(Deamidated), M16(Oxidation)","Q7(Deamidated), M16(Oxidation)"	115	4.38E-11	1	1834.854	2.98	Head	X:+:9954690-9954740	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_56636	FRPLNDSEELAGSK	AGAP000561-PA	-	48	0.000309936	3	1562.783	1.4	Salivary gland	X:+:9946151-9946192	exon=> In CDS Exon 1 of transcript AGAP000561-PA
JHU_Ag_57851	SLNSEDTEDDGGSLAQK	AGAP000561-PA	-	116	1.96E-11	2	1765.780	4.1	Malpighian tubule	X:+:9962516-9962566	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_58664	EIDMVNDELLQK	AGAP000561-PA	-	47	0.000317825	2	1446.718	2.6	Head	X:+:9954552-9954587	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_59357	QTTLNSVQSELQQLK	AGAP000561-PA	Q12(Deamidated), Q13(Deamidated)	65	3.36E-06	2	1716.915	1.6	Salivary gland	X:+:9954588-9954632	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_59787	AAEQVSAVNAEEK	AGAP000561-PA	-	85	3.96E-08	1	1345.662	2.09	Salivary gland	X:+:9955047-9955085	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_60257	LYISK	AGAP000561-PA	-	30	0.001850429	1	623.379	3.79	Malpighian tubule	X:+:9954795-9954809	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_62036	SHSVFLINVK	AGAP000561-PA	-	72	7.03E-07	1	1143.652	-0.29	Head	X:+:9953525-9953554	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_62191	SLNSEDTEDDGGSLAQK	AGAP000561-PA	-	130	6.84E-13	1	1765.769	-1.63	Head	X:+:9962516-9962566	exon=> In CDS Exon 6 of transcript AGAP000561-PA
JHU_Ag_63708	VYLFDKVFKPNATQEK	AGAP000561-PA	-	48	0.000125974	1	1927.041	4.4	Malpighian tubule	X:+:9953048-9953095	exon=> In CDS Exon 2 of transcript AGAP000561-PA

JHU_Ag_63904	EQIIDQEELIANTR	AGAP000561-PA	-	101	1.15E-09	2	1671.857	1.18	Head	X:+:9954360-9954401	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_64666	TTIVICCSPASFNESETK	AGAP000561-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	68	2.02E-06	1	2043.937	0.46	Head	X:+:9953804-9953857	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_65041	LYQQLDEKDEEINQQSQYVEK	AGAP000561-PA	-	69	1.64E-06	1	2627.254	2.51	Malpighian tubule	X:+:9954291-9954353	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_65322	AAEQVSAVNAEEK	AGAP000561-PA	-	99	1.54E-09	1	1345.660	0.45	Head	X:+:9955047-9955085	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_66002	FVSSPEEVFEVIEEGK	AGAP000561-PA	-	131	1.26E-12	1	1824.898	4.16	Head	X:+:9953429-9953476	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_68946	LEAELAR	AGAP000561-PA	-	38	0.00339203	1	801.447	0.28	Malpighian tubule	X:+:9954081-9954101	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_69238	LEAELAR	AGAP000561-PA	-	48	0.000347904	2	801.447	0.58	Pupa	X:+:9954081-9954101	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_69281	FRPLNDSEELAGSK	AGAP000561-PA	-	74	7.26E-07	1	1562.784	2.23	Pupa	X:+:9946151-9946192	exon=> In CDS Exon 1 of transcript AGAP000561-PA
JHU_Ag_71156	FRPLNDSEELAGSK	AGAP000561-PA	-	61	1.56E-05	1	1562.784	2.07	Ovary	X:+:9946151-9946192	exon=> In CDS Exon 1 of transcript AGAP000561-PA
JHU_Ag_72706	TGAEGTVLDEAK	AGAP000561-PA	-	46	0.000432793	2	1190.591	0.53	Head	X:+:9953636-9953671	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_73213	EQIIDQEELIANTR	AGAP000561-PA	-	53	6.99E-05	2	1671.860	3.23	Ovary	X:+:9954360-9954401	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_73525	FRPLNDSEELAGSK	AGAP000561-PA	-	99	2.07E-09	1	1562.777	-2.85	Head	X:+:9946151-9946192	exon=> In CDS Exon 1 of transcript AGAP000561-PA
JHU_Ag_74364	TGAEGTVLDEAK	AGAP000561-PA	-	58	3.01E-05	2	1190.592	1.56	Malpighian tubule	X:+:9953636-9953671	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_76674	TTIVICCSPASFNESETK	AGAP000561-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	66	3.56E-06	2	2043.937	0.34	Salivary gland	X:+:9953804-9953857	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_78449	QVSALRDEISEK	AGAP000561-PA	-	73	8.17E-07	2	1374.719	-2.18	Head	X:+:9955155-9955190	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_79151	SLSALGNVISALADGNK	AGAP000561-PA	-	130	9.69E-13	1	1629.884	1.92	Ovary	X:+:9953684-9953734	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_79318	FVSSPEEVFEVIEEGK	AGAP000561-PA	-	95	5.54E-09	1	1824.891	0.62	Salivary gland	X:+:9953429-9953476	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_80657	VNLSVHEDK	AGAP000561-PA	-	41	0.00072916	2	1040.533	-4.44	Head	X:+:9953366-9953392	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_81721	RGPQAQIAKPIR	AGAP000561-PA	-	53	5.71E-06	1	1334.802	0.05	Head	X:+:9962819-9962840,9962924-9962937	exon=> In CDS Exon 6 and 7 of transcript AGAP000561-PA
JHU_Ag_81760	AAEQVSAVNAEEK	AGAP000561-PA	-	75	4.02E-07	2	1345.659	-0.45	Pupa	X:+:9955047-9955085	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_81773	DLSEVGQALAADQNEMK	AGAP000561-PA	-	51	8.81E-05	1	1818.855	0.47	Ovary	X:+:9954690-9954740	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_84630	FVSSPEEVFEVIEEGK	AGAP000561-PA	-	131	1.43E-12	1	1824.893	1.22	Ovary	X:+:9953429-9953476	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_85667	ILQESLGGNAR	AGAP000561-PA	-	63	7.56E-06	2	1157.630	2.11	Male reproductive organs	X:+:9953771-9953803	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_87865	SLSALGNVISALADGNK	AGAP000561-PA	-	77	1.75E-07	1	1629.889	5.14	Visceras	X:+:9953684-9953734	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_93310	FVSSPEEVFEVIEEGK	AGAP000561-PA	-	89	1.87E-08	2	1824.887	-1.66	Midgut	X:+:9953429-9953476	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_94695	NKEIDMVNDELLQK	AGAP000561-PA	-	64	7.48E-06	2	1688.858	3.41	Ovary	X:+:9954546-9954587	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_98622	LYLVDLAGSEK	AGAP000561-PA	-	71	6.66E-07	2	1207.658	0.49	Ovary	X:+:9953594-9953626	exon=> In CDS Exon 2 of transcript AGAP000561-PA

JHU_Ag_98839	EVLQALEELAVNYDQK	AGAP000561-PA	-	77	2.72E-07	1	1861.955	0.19	Malpighian tubule	X:+:9954477-9954524	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_99860	RGPQAQIAKPIR	AGAP000561-PA	-	60	8.90E-07	1	1334.805	2.52	Malpighian tubule	X:+:9962819-9962840,9962924-9962937	exon=> In CDS Exon 6 and 7 of transcript AGAP000561-PA
JHU_Ag_100666	EIPAEDSIKVVCR	AGAP000561-PA	C12(Carbamidomethyl)	101	1.04E-09	1	1515.789	3.53	Malpighian tubule	X:+:9946112-9946150	exon=> In CDS Exon 1 of transcript AGAP000561-PA
JHU_Ag_101376	AAEQVSAVNAEEK	AGAP000561-PA	-	72	7.95E-07	2	1345.661	0.82	Ovary	X:+:9955047-9955085	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_101914	TGAEGTVLDEAK	AGAP000561-PA	-	40	0.001842946	2	1190.596	4.84	Ovary	X:+:9953636-9953671	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_103134	LYQQLDEKDEEINQQSQYVEK	AGAP000561-PA	-	55	4.82E-05	1	2627.252	1.68	Midgut	X:+:9954291-9954353	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_107158	INEMLTNLLR	AGAP000561-PA	-	60	1.17E-05	2	1216.671	-0.67	Head	X:+:9954660-9954689	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_107958	AGQGQYLFK	AGAP000561-PA	-	45	0.000300723	2	1011.529	2.98	Malpighian tubule	X:+:9962938-9962964	exon=> In CDS Exon 7 of transcript AGAP000561-PA
JHU_Ag_108277	AAEQVSAVNAEEKQR	AGAP000561-PA	-	86	4.16E-08	1	1629.826	4.1	Malpighian tubule	X:+:9955047-9955091	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_110488	TTIVICCSPASFNESETK	AGAP000561-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	106	3.27E-10	1	2043.940	1.71	Ovary	X:+:9953804-9953857	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_111576	GLEDTVAKELQSLHALR	AGAP000561-PA	-	53	2.96E-05	1	1880.031	4.07	Malpighian tubule	X:+:9962352-9962402	exon=> In CDS Exon 5 of transcript AGAP000561-PA
JHU_Ag_112843	SIVSDVLAGYNGTIFAYGQTSSGKTHTMEGVIGDPAK	AGAP000561-PA	M28(Oxidation)	49	0.000120928	1	3787.851	0.78	Malpighian tubule	X:+:9953117-9953227	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_113745	SIVSDVLAGYNGTIFAYGQTSSGK	AGAP000561-PA	-	70	1.42E-06	2	2435.219	3.93	Malpighian tubule	X:+:9953117-9953188	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_114321	AAEQVSAVNAEEK	AGAP000561-PA	-	92	7.68E-09	2	1345.661	1.18	Malpighian tubule	X:+:9955047-9955085	exon=> In CDS Exon 3 of transcript AGAP000561-PA
JHU_Ag_115531	TGAEGTVLDEAK	AGAP000561-PA	-	104	6.49E-10	2	1190.590	-0.08	Salivary gland	X:+:9953636-9953671	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_116295	SLSALGNVISALADGNK	AGAP000561-PA	-	130	8.37E-13	1	1629.890	5.74	Head	X:+:9953684-9953734	exon=> In CDS Exon 2 of transcript AGAP000561-PA
JHU_Ag_78572	SMNVRVTTMDAELEFAIQQGTTGK	AGAP000562-PA	M2(Oxidation), M9(Oxidation)	40	0.001379887	3	2659.283	4.76	Malpighian tubule	X:+:9974560-9974562,9992459-9992527	exon=> In CDS Exon 1 and 2 of transcript AGAP000562-PA
JHU_Ag_51	NAILSDEIYCPPETSVLLASYAVQAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C10(Carbamidomethyl)	120	1.22E-11	1	2880.448	1.03	Salivary gland	X:+:9999227-9999304;X:+:9999227-9999304;X:+:9999227-9999304	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_125	VTTMDAELEFAIQQGTTGKQLFDQVVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	135	3.46E-13	1	2997.539	4.92	Malpighian tubule	X:+:9992471-9992551;X:+:9992471-9992551;X:+:9992471-9992551	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_306	IAQDLEMYGVNYFEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	105	5.60E-10	1	1976.952	4.69	Larva	X:+:9999564-9999611;X:+:9999564-9999611;X:+:9999564-9999611	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_1002	EVWFFGLQYTDSK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	81	1.20E-07	2	1619.775	0.38	Visceras	X:+:9992567-9992605;X:+:9992567-9992605;X:+:9992567-9992605	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB

JHU_Ag_1560	QLFDQVVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	41	0.000757964	2	976.547	0.69	Pupa	X:+:9992528-9992551;X:+:9992528-9992551;X:+:9992528-9992551	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_1616	LFYLQVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	32	0.002300824	2	910.541	1.44	Head	X:+:9999206-9999226;X:+:9999206-9999226;X:+:9999206-9999226	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_1702	KFIIKPIDK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.000217756	1	1101.706	2.74	Malpighian tubule	X:+:9999744-9999758,9999843-9999854;X:+:9999744-9999758,9999843-9999854;X:+:9999744-9999758,9999843-9999854	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_2739	KAPDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	73	4.97E-07	2	1294.698	3.05	Ovary	X:+:9999855-9999887;X:+:9999855-9999887;X:+:9999855-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_3212	RKPDTIDVQQMK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M11(Oxidation)	64	5.80E-06	1	1474.769	0.43	Pupa	X:+:9999951-9999986;X:+:9999951-9999986;X:+:9999951-9999986	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_3705	LQEQLNQVQAAKEELEQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	106	2.57E-10	1	2154.117	0.73	Visceras	X:+:10000170-10000223;X:+:10000170-10000223;X:+:10000170-10000223	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_3775	LQEQLNQVQAAKEELEQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	96	2.73E-09	1	2154.121	2.77	Head	X:+:10000170-10000223;X:+:10000170-10000223;X:+:10000170-10000223	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_6571	RLHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	82	8.90E-08	1	1380.722	-0.89	Head	X:+:10000377-10000409;X:+:10000377-10000409;X:+:10000377-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_6806	KAPDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	88	1.62E-08	2	1294.696	1.07	Head	X:+:9999855-9999887;X:+:9999855-9999887;X:+:9999855-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_6949	LQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	94	3.52E-09	2	1369.747	2.4	Malpighian tubule	X:+:10000170-10000205;X:+:10000170-10000205;X:+:10000170-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB

JHU_Ag_7279	IQEEVTLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	50	0.000171729	1	959.545	3.93	Ovary	X:+:10000338-10000361;X:+:10000338-10000361;X:+:10000338-10000361	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_7803	DFDTDEHIKDPVEER	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	109	1.01E-10	1	1844.810	-10.68	Malpighian tubule	X:+:10002162-10002206;X:+:10002162-10002206;X:+:10002162-10002206	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB
JHU_Ag_8143	IAQDLEMYGVNYFEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	132	1.17E-12	1	1976.942	-0.13	Midgut	X:+:9999564-9999611;X:+:9999564-9999611;X:+:9999564-9999611	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_8465	LHEEVEEAIRK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.003723957	1	1352.718	0.99	Head	X:+:10000380-10000412;X:+:10000380-10000412;X:+:10000380-10000412	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_10729	HHHVEEEEENEEELINGENGTQDFSK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	N16(Deamidated), Q22(Deamidated),N16(Deamidated),"N16(Deamidated), N19(Deamidated)",N19(Deamidated)	146	1.32E-14	1	3079.325	3.39	Ovary	X:+:10002084-10002161;X:+:10002084-10002161;X:+:10002084-10002161	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB
JHU_Ag_11161	QANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	71	1.11E-06	1	1345.673	1.91	Salivary gland	X:+:10000131-10000166;X:+:10000131-10000166;X:+:10000131-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_11382	QDLALSR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	42	0.001286448	2	802.443	1.72	Head	X:+:10002343-10002363;X:+:10002343-10002363;X:+:10002343-10002363	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_11663	EKLQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	48	5.18E-05	2	1112.678	-0.7	Salivary gland	X:+:10000029-10000058;X:+:10000029-10000058;X:+:10000029-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_12396	IQEEVTLKDSETK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	69	1.86E-06	2	1519.789	2.42	Malpighian tubule	X:+:10000338-10000376;X:+:10000338-10000376;X:+:10000338-10000376	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_12649	NISFNDRK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	41	0.001091047	1	993.510	-1.09	Midgut	X:+:9999723-9999746;X:+:9999723-9999746;X:+:9999723-9999746	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_12883	LQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	44	0.000103292	2	855.545	4.01	Malpighian tubule	X:+:10000035-10000058;X:+:10000035-10000058;X:+:10000035-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB

JHU_Ag_13382	MSKDEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	121	7.70E-12	1	2363.058	3.05	Salivary gland	X:+:9999471-9999524;X:+:9999471-9999524;X:+:9999471-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_13489	HGDYNKGTHVPGFLAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	84	6.54E-08	1	1740.887	3.12	Malpighian tubule	X:+:9999305-9999352;X:+:9999305-9999352;X:+:9999305-9999352	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_13577	LQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	85	2.45E-08	2	1369.743	-0.09	Visceras	X:+:10000170-10000205;X:+:10000170-10000205;X:+:10000170-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_14621	KAPDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	77	2.10E-07	1	1294.698	2.48	Midgut	X:+:9999855-9999887;X:+:9999855-9999887;X:+:9999855-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_14887	FYPEDVAEELIQDITLR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	38	0.002629378	3	2051.039	2.82	Visceras	X:+:9999155-9999205;X:+:9999155-9999205;X:+:9999155-9999205	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_14996	IQEEVTLKDSETK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	41	0.001029376	2	1519.788	1.94	Ovary	X:+:10000338-10000376;X:+:10000338-10000376;X:+:10000338-10000376	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_15668	RLQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	75	2.56E-07	2	1525.844	-0.27	Malpighian tubule	X:+:10000167-10000205;X:+:10000167-10000205;X:+:10000167-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_16478	DEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	106	2.11E-10	1	2016.888	2.2	Ovary	X:+:9999480-9999524;X:+:9999480-9999524;X:+:9999480-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_16821	RLHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	70	1.19E-06	1	1380.728	3.27	Midgut	X:+:10000377-10000409;X:+:10000377-10000409;X:+:10000377-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_19806	QNELHEMMQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	58	1.09E-05	1	1315.591	2	Salivary gland	X:+:10000224-10000253;X:+:10000224-10000253;X:+:10000224-10000253	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_20129	QDLALSR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	47	0.000394657	2	802.444	3.24	Malpighian tubule	X:+:10002343-10002363;X:+:10002343-10002363;X:+:10002343-10002363	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB

JHU_Ag_22169	VKQLEMQK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M6(Oxidation)	38	0.002162116	2	1019.555	-0.28	Salivary gland	X:+:10000314-10000337;X:+:10000314-10000337;X:+:10000314-10000337	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_22633	QLFDQVVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	46	0.000222578	2	976.548	1.37	Malpighian tubule	X:+:9992528-9992551;X:+:9992528-9992551;X:+:9992528-9992551	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_22896	KQANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	92	9.53E-09	1	1473.770	2.84	Malpighian tubule	X:+:10000128-10000166;X:+:10000128-10000166;X:+:10000128-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_26811	DEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	106	2.12E-10	1	2016.890	3.17	Salivary gland	X:+:9999480-9999524;X:+:9999480-9999524;X:+:9999480-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_28793	DEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	78	1.35E-07	2	2016.885	0.81	Pupa	X:+:9999480-9999524;X:+:9999480-9999524;X:+:9999480-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_31485	RLQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	70	7.38E-07	2	1525.842	-1.95	Head	X:+:10000167-10000205;X:+:10000167-10000205;X:+:10000167-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_33004	DDTMETPNDK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	52	1.01E-05	1	1181.465	1.93	Head	X:+:10002364-10002393;X:+:10002364-10002393;X:+:10002364-10002393	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_33497	GTHVPGFLAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	37	0.001186852	1	1026.576	2.52	Malpighian tubule	X:+:9999323-9999352;X:+:9999323-9999352;X:+:9999323-9999352	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_33574	VTTMDAELEFAIQQGTTGK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	64	5.69E-06	1	2055.991	0.52	Ovary	X:+:9992471-9992527;X:+:9992471-9992527;X:+:9992471-9992527	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_33614	DDTMETPNDK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	42	0.000117771	1	1181.467	3.44	Salivary gland	X:+:10002364-10002393;X:+:10002364-10002393;X:+:10002364-10002393	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_33641	LFYLQVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	42	0.000229207	1	910.539	-1.04	Male reproductive organs	X:+:9999206-9999226;X:+:9999206-9999226;X:+:9999206-9999226	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB

JHU_Ag_34650	ILALCMGNHELYMR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C5(Carbamidomethyl), M6(Oxidation),C5(Carbamidomethyl)	78	2.99E-07	1	1720.832	-0.54	Salivary gland	X:+:9999906-9999947;X:+:9999906-9999947;X:+:9999906-9999947	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_35440	LHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	58	2.09E-05	1	1224.623	0.93	Salivary gland	X:+:10000380-10000409;X:+:10000380-10000409;X:+:10000380-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_35675	IAQDLEMYGVNYFEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	132	9.70E-13	1	1976.944	0.98	Salivary gland	X:+:9999564-9999611;X:+:9999564-9999611;X:+:9999564-9999611	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_35749	MSKDEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M1(Oxidation)	63	5.25E-06	1	2379.057	4.83	Head	X:+:9999471-9999524;X:+:9999471-9999524;X:+:9999471-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_36304	AKLEEEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	55	6.21E-05	2	987.547	0.24	Salivary gland	X:+:10000290-10000313;X:+:10000290-10000313;X:+:10000290-10000313	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_36327	NAILSDEIYCPPETSVLLASYAVQAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C10(Carbamidomethyl)	61	8.17E-06	1	2880.460	5.16	Ovary	X:+:9999227-9999304;X:+:9999227-9999304;X:+:9999227-9999304	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_36338	RKPDTIDVQQMK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M11(Oxidation)	59	1.95E-05	1	1474.763	-3.28	Head	X:+:9999951-9999986;X:+:9999951-9999986;X:+:9999951-9999986	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_36832	LFYLQVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	35	0.000869561	1	910.543	3.79	Ovary	X:+:9999206-9999226;X:+:9999206-9999226;X:+:9999206-9999226	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_36908	SMQEEMER	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M2(Oxidation), M6(Oxidation)	44	6.40E-05	1	1071.408	-0.07	Salivary gland	X:+:10000104-10000127;X:+:10000104-10000127;X:+:10000104-10000127	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_37652	LFYLQVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	54	1.17E-05	1	910.541	1.31	Malpighian tubule	X:+:9999206-9999226;X:+:9999206-9999226;X:+:9999206-9999226	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_38542	IGFPWSEIRNISFNDR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	70	1.34E-06	1	1950.995	6.38	Malpighian tubule	X:+:9999696-9999743;X:+:9999696-9999743;X:+:9999696-9999743	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB

JHU_Ag_39708	FIIKPIDKK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.000201823	1	1101.707	3.61	Malpighian tubule	X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_40674	DEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	99	1.14E-09	1	2016.891	3.65	Malpighian tubule	X:+:9999480-9999524;X:+:9999480-9999524;X:+:9999480-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_40875	FYPEDVAEELIQDITLR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	76	5.03E-07	1	2051.038	2.11	Pupa	X:+:9999155-9999205;X:+:9999155-9999205;X:+:9999155-9999205	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_40992	IAQDLEMYGVNYFEIRNK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	64	6.98E-06	1	2219.093	5.62	Malpighian tubule	X:+:9999564-9999617;X:+:9999564-9999617;X:+:9999564-9999617	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_42571	VMSQDVQKGDPLLFK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M2(Oxidation)	77	2.76E-07	1	1704.908	5.28	Malpighian tubule	X:+:9999098-9999142;X:+:9999098-9999142;X:+:9999098-9999142	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_43200	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	78	2.35E-07	2	1166.600	0.56	Midgut	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_43456	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	71	1.09E-06	1	1166.599	0.04	Visceras	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_43969	ILALCMGNHELYMR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C5(Carbamidomethyl),M13(Oxidation),"C5(Carbamidomethyl),M6(Oxidation)","C5(Carbamidomethyl),M6(Oxidation),M13(Oxidation)",C5(Carbamidomethyl)	111	1.63E-10	1	1720.842	4.86	Malpighian tubule	X:+:9999906-9999947;X:+:9999906-9999947;X:+:9999906-9999947	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_44759	HHHVEEEEENEEELINGENGTQDFSK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	53	3.38E-05	1	3079.336	6.71	Malpighian tubule	X:+:10002084-10002161;X:+:10002084-10002161;X:+:10002084-10002161	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB

JHU_Ag_45050	FIIKPIDKK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	33	0.000332735	2	1101.704	0.84	Head	X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_45091	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	74	5.16E-07	1	1166.605	4.85	Ovary	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_45344	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	78	1.94E-07	1	1166.600	0.35	Salivary gland	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_46258	GDNTWIK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	40	0.001534043	2	833.417	2.1	Salivary gland	X:+:9992606-9992626;X:+:9992606-9992626;X:+:9992606-9992626	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_46476	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	90	1.34E-08	2	1166.602	2.02	Malpighian tubule	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_47468	DEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	46	0.000194661	1	2016.888	1.96	Head	X:+:9999480-9999524;X:+:9999480-9999524;X:+:9999480-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_48859	KAPDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	87	2.20E-08	2	1294.692	-1.76	Male reproductive organs	X:+:9999855-9999887;X:+:9999855-9999887;X:+:9999855-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_49592	QLFDQVVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	59	1.16E-05	2	976.548	1.5	Salivary gland	X:+:9992528-9992551;X:+:9992528-9992551;X:+:9992528-9992551	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_51655	KQANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	42	0.000932857	2	1473.766	0.01	Ovary	X:+:10000128-10000166;X:+:10000128-10000166;X:+:10000128-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_51842	EDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	37	0.001110882	2	1129.491	0.59	Salivary gland	X:+:9999537-9999563;X:+:9999537-9999563;X:+:9999537-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB

JHU_Ag_52138	GLLREDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M8(Oxidation), M9(Oxidation)	53	8.21E-05	1	1600.777	3.62	Ovary	X:+:9999525-9999563;X:+:9999525-9999563;X:+:9999525-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_52602	IAQDLEMYGVNYFEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	143	8.61E-14	1	1976.941	-0.5	Male reproductive organs	X:+:9999564-9999611;X:+:9999564-9999611;X:+:9999564-9999611	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_52926	FIIKPIDKK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	28	0.000709529	1	1101.708	4.15	Salivary gland	X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_53240	NAILSDEIYCPPETSVLLASYAVQAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C10(Carbamidomethyl)	43	0.000560308	3	2880.462	5.86	Head	X:+:9999227-9999304;X:+:9999227-9999304;X:+:9999227-9999304	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_53538	EVWFFGLQYTDSKGDNTWIK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	91	1.23E-08	1	2434.187	6.32	Salivary gland	X:+:9992567-9992626;X:+:9992567-9992626;X:+:9992567-9992626	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_54051	GDPLLFKFR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	67	1.21E-06	1	1092.623	2.96	Malpighian tubule	X:+:9999122-9999148;X:+:9999122-9999148;X:+:9999122-9999148	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_54437	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	65	4.74E-06	1	1166.600	0.45	Pupa	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_55257	NERLQDQLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	58	1.90E-05	1	1143.615	3.12	Malpighian tubule	X:+:10002225-10002251;X:+:10002225-10002251;X:+:10002225-10002251	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB
JHU_Ag_55378	VTTMDAELEFAIQQGTTGK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	82	9.61E-08	2	2055.995	2.19	Salivary gland	X:+:9992471-9992527;X:+:9992471-9992527;X:+:9992471-9992527	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_55538	RLHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	57	2.85E-05	3	1380.722	-1.01	Salivary gland	X:+:10000377-10000409;X:+:10000377-10000409;X:+:10000377-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB

JHU_Ag_55862	LHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.005262788	1	1224.620	-1.96	Head	X:+:10000380-10000409;X:+:10000380-10000409;X:+:10000380-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_56362	RLQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	74	2.91E-07	1	1525.849	3.09	Salivary gland	X:+:10000167-10000205;X:+:10000167-10000205;X:+:10000167-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_56848	DRLLPQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	41	0.000244932	1	897.529	2.94	Malpighian tubule	X:+:9999353-9999372,9999452-9999452;X:+:9999353-9999372,9999452-9999452;X:+:9999353-9999372,9999452-9999452	exon=> In CDS Exon 3 and 4 of transcript AGAP000562-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP000562-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000562-PB
JHU_Ag_57135	RKPDTIDVQQMK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M11(Oxidation)	71	1.16E-06	1	1474.773	3.23	Ovary	X:+:9999951-9999986;X:+:9999951-9999986;X:+:9999951-9999986	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_58079	FYPEDVAEELIQDITLR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	137	3.60E-13	1	2051.044	5	Ovary	X:+:9999155-9999205;X:+:9999155-9999205;X:+:9999155-9999205	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_58133	FIIKPIDK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	42	8.34E-05	1	973.608	-0.3	Salivary gland	X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_58579	LQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	36	0.000815669	2	855.541	0.37	Visceras	X:+:10000035-10000058;X:+:10000035-10000058;X:+:10000035-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_59353	KAPDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	103	5.06E-10	2	1294.699	3.43	Malpighian tubule	X:+:9999855-9999887;X:+:9999855-9999887;X:+:9999855-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_60065	QANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	83	6.66E-08	1	1345.673	1.37	Head	X:+:10000131-10000166;X:+:10000131-10000166;X:+:10000131-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB

JHU_Ag_60333	KQANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	78	2.22E-07	1	1473.768	1.25	Head	X:+:10000128-10000166;X:+:10000128-10000166;X:+:10000128-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_60356	NAILSDEIYCPPETSVLLASYAVQAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C10(Carbamidomethyl)	66	2.46E-06	1	2880.457	4.14	Visceras	X:+:9999227-9999304;X:+:9999227-9999304;X:+:9999227-9999304	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_60454	IGFPWSEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	67	3.58E-06	1	1104.577	-6.01	Male reproductive organs	X:+:9999696-9999722;X:+:9999696-9999722;X:+:9999696-9999722	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_60653	QANLSEAQDTIRR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	50	0.000161 92	1	1501.771	-0.56	Malpighian tubule	X:+:10000131-10000169;X:+:10000131-10000169;X:+:10000131-10000169	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_60659	LQEQLNQVQAAKEELEQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	70	1.35E-06	1	2154.107	-3.69	Midgut	X:+:10000170-10000223;X:+:10000170-10000223;X:+:10000170-10000223	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_60947	EKLQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.001323 79	2	1112.680	1.17	Head	X:+:10000029-10000058;X:+:10000029-10000058;X:+:10000029-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_61753	LQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	93	3.96E-09	2	1369.747	2.67	Salivary gland	X:+:10000170-10000205;X:+:10000170-10000205;X:+:10000170-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_62093	MSKDEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M1(Oxidation)	70	1.01E-06	1	2379.053	3.14	Male reproductive organs	X:+:9999471-9999524;X:+:9999471-9999524;X:+:9999471-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_62210	AKLEEEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	54	7.44E-05	1	987.550	2.77	Malpighian tubule	X:+:10000290-10000313;X:+:10000290-10000313;X:+:10000290-10000313	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_63354	DEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	81	7.10E-08	1	2016.887	1.53	Visceras	X:+:9999480-9999524;X:+:9999480-9999524;X:+:9999480-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_63754	MSKDEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M1(Oxidation)	112	6.90E-11	1	2379.059	5.53	Malpighian tubule	X:+:9999471-9999524;X:+:9999471-9999524;X:+:9999471-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB

JHU_Ag_65440	QLFDQVVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	30	0.012510506	2	976.545	-1.25	Midgut	X:+:9992528-9992551;X:+:9992528-9992551;X:+:9992528-9992551	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_66501	DFDTDEHIKDPVEER	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	98	1.75E-09	1	1844.824	-3.07	Head	X:+:10002162-10002206;X:+:10002162-10002206;X:+:10002162-10002206	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB
JHU_Ag_67098	QANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	80	1.40E-07	1	1345.675	3.27	Malpighian tubule	X:+:10000131-10000166;X:+:10000131-10000166;X:+:10000131-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_68350	MSKDEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M1(Oxidation)	92	6.32E-09	1	2379.048	0.76	Midgut	X:+:9999471-9999524;X:+:9999471-9999524;X:+:9999471-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_68398	ALKQDLALSR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	47	0.000141413	1	1114.657	-1.04	Salivary gland	X:+:10002334-10002363;X:+:10002334-10002363;X:+:10002334-10002363	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_68571	FIIKPIDK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.000671085	2	973.607	-0.87	Midgut	X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_69158	GTHVPGFLAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	45	0.000173799	1	1026.573	0.14	Salivary gland	X:+:9999323-9999352;X:+:9999323-9999352;X:+:9999323-9999352	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_69547	LHEEVEEAIRK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	51	8.17E-05	1	1352.717	0.11	Malpighian tubule	X:+:10000380-10000412;X:+:10000380-10000412;X:+:10000380-10000412	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_71317	NISFNDRK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	40	0.001938709	1	993.511	-0.6	Malpighian tubule	X:+:9999723-9999746;X:+:9999723-9999746;X:+:9999723-9999746	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_71454	IGFPWSEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	67	3.19E-06	1	1104.588	4.27	Ovary	X:+:9999696-9999722;X:+:9999696-9999722;X:+:9999696-9999722	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB

JHU_Ag_71874	QLFDQVVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	47	0.000161945	2	976.550	4.31	Ovary	X:+:9992528-9992551;X:+:9992528-9992551;X:+:9992528-9992551	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_71946	ALKQDLALSR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	46	0.000203545	1	1114.662	3.56	Malpighian tubule	X:+:10002334-10002363;X:+:10002334-10002363;X:+:10002334-10002363	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_71977	LFYLQVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	37	0.000606946	2	910.540	-0.17	Midgut	X:+:9999206-9999226;X:+:9999206-9999226;X:+:9999206-9999226	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_72129	IAQDLEMYGVNYFEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	119	2.19E-11	1	1976.948	2.96	Head	X:+:9999564-9999611;X:+:9999564-9999611;X:+:9999564-9999611	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_72394	AKLEEEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	41	0.001447655	2	987.550	3.33	Midgut	X:+:10000290-10000313;X:+:10000290-10000313;X:+:10000290-10000313	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_72459	FYPEDVAEELIQDITLR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	107	3.44E-10	1	2051.035	1.03	Salivary gland	X:+:9999155-9999205;X:+:9999155-9999205;X:+:9999155-9999205	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_73267	LHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	53	7.15E-05	1	1224.622	0.24	Malpighian tubule	X:+:10000380-10000409;X:+:10000380-10000409;X:+:10000380-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_73843	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	76	3.67E-07	2	1166.599	0.04	Male reproductive organs	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_76584	DRLLPQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.001313648	1	897.527	0.09	Midgut	X:+:9999353-9999372,9999452-9999452;X:+:9999353-9999372,9999452-9999452;X:+:9999353-9999372,9999452-9999452	exon=> In CDS Exon 3 and 4 of transcript AGAP000562-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP000562-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP000562-PB
JHU_Ag_76648	RKPDTIDVQQMK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M11(Oxidation)	77	3.45E-07	1	1474.768	-0.13	Salivary gland	X:+:9999951-9999986;X:+:9999951-9999986;X:+:9999951-9999986	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB

JHU_Ag_76785	QANLSEAQDTIRR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	37	0.00336136	1	1501.778	3.83	Ovary	X:+:10000131-10000169;X:+:10000131-10000169;X:+:10000131-10000169	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_77125	GTHVPGFLAKDR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	40	0.000938467	1	1297.705	2.89	Malpighian tubule	X:+:9999323-9999358;X:+:9999323-9999358;X:+:9999323-9999358	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_77130	GLLREDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M8(Oxidation), M9(Oxidation)	72	1.14E-06	1	1600.773	0.99	Malpighian tubule	X:+:9999525-9999563;X:+:9999525-9999563;X:+:9999525-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_77142	IQEEVTLKDSETK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	70	1.36E-06	2	1519.787	1.06	Salivary gland	X:+:10000338-10000376;X:+:10000338-10000376;X:+:10000338-10000376	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_77328	EDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation), M5(Oxidation)	38	0.000480101	2	1161.484	3.44	Malpighian tubule	X:+:9999537-9999563;X:+:9999537-9999563;X:+:9999537-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_77491	VMSQDVQK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M2(Oxidation)	48	0.00022497	2	950.460	-0.81	Salivary gland	X:+:9999098-9999121;X:+:9999098-9999121;X:+:9999098-9999121	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_77513	NAILSDEIYCPPETSVLLASYAVQAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C10(Carbamidomethyl)	121	9.76E-12	1	2880.450	1.85	Malpighian tubule	X:+:9999227-9999304;X:+:9999227-9999304;X:+:9999227-9999304	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_77906	EVWFFGLQYTDSK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	90	1.39E-08	1	1619.774	0.15	Midgut	X:+:9992567-9992605;X:+:9992567-9992605;X:+:9992567-9992605	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_78192	IGFPWSEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	68	2.12E-06	1	1104.588	4.27	Malpighian tubule	X:+:9999696-9999722;X:+:9999696-9999722;X:+:9999696-9999722	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_78460	IAQDLEMYGVNYFEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	141	1.39E-13	1	1976.952	4.75	Ovary	X:+:9999564-9999611;X:+:9999564-9999611;X:+:9999564-9999611	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_79468	AKFYPEDVAEELIQDITLR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	97	2.75E-09	1	2250.166	0.4	Midgut	X:+:9999149-9999205;X:+:9999149-9999205;X:+:9999149-9999205	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB

JHU_Ag_79943	LQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	47	4.56E-05	2	855.544	3.15	Male reproductive organs	X:+:10000035-10000058;X:+:10000035-10000058;X:+:10000035-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_80342	LQEQLNQVQAAKEELEQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	111	9.43E-11	1	2154.116	0.31	Malpighian tubule	X:+:10000170-10000223;X:+:10000170-10000223;X:+:10000170-10000223	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_81688	LQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	51	1.78E-05	2	855.544	3.8	Ovary	X:+:10000035-10000058;X:+:10000035-10000058;X:+:10000035-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_82886	KQANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	87	2.83E-08	1	1473.767	0.59	Salivary gland	X:+:10000128-10000166;X:+:10000128-10000166;X:+:10000128-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_83165	ILALCMGNHELYMR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C5(Carbamidomethyl), M13(Oxidation)	37	0.003426064	1	1736.829	0.46	Ovary	X:+:9999906-9999947;X:+:9999906-9999947;X:+:9999906-9999947	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_84053	GLLREDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	35	0.00460454	1	1568.780	-0.56	Midgut	X:+:9999525-9999563;X:+:9999525-9999563;X:+:9999525-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_84991	IHRENVR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	30	0.006976883	1	923.503	-14.92	Head	X:+:10002394-10002414;X:+:10002394-10002414;X:+:10002394-10002414	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_85741	LFYLQVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	34	0.001208231	2	910.540	-0.04	Pupa	X:+:9999206-9999226;X:+:9999206-9999226;X:+:9999206-9999226	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_85789	VTTMDAELEFAIQQGTTGK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	103	7.65E-10	2	2055.991	0.05	Midgut	X:+:9992471-9992527;X:+:9992471-9992527;X:+:9992471-9992527	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_85795	KPDTIDVQQMK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M10(Oxidation)	72	9.34E-07	1	1318.672	3.49	Malpighian tubule	X:+:9999954-9999986;X:+:9999954-9999986;X:+:9999954-9999986	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB

JHU_Ag_86265	FIIKPIDK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	33	0.000496809	2	973.610	2.14	Malpighian tubule	X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_86275	DEWENSITTWWQEHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	112	5.51E-11	1	2016.892	4.2	Midgut	X:+:9999480-9999524;X:+:9999480-9999524;X:+:9999480-9999524	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_86350	AKLEEEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	57	3.80E-05	2	987.547	0.49	Head	X:+:10000290-10000313;X:+:10000290-10000313;X:+:10000290-10000313	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_86836	RVDQFENM	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M8(Oxidation)	34	0.002110707	2	1054.462	-0.18	Salivary gland	X:+:10002472-10002495;X:+:10002472-10002495;X:+:10002472-10002495	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_87549	APDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	76	3.66E-07	2	1166.604	3.91	Head	X:+:9999858-9999887;X:+:9999858-9999887;X:+:9999858-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_88714	LHEEVEEAIRK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	66	2.48E-06	1	1352.717	0.32	Salivary gland	X:+:10000380-10000412;X:+:10000380-10000412;X:+:10000380-10000412	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_88905	LHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	41	0.001140817	2	1224.621	-0.66	Visceras	X:+:10000380-10000409;X:+:10000380-10000409;X:+:10000380-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_90171	GLLREDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M9(Oxidation)	60	1.61E-05	1	1568.784	1.49	Salivary gland	X:+:9999525-9999563;X:+:9999525-9999563;X:+:9999525-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_90463	LQEQLNQVQAAKEELEQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	117	1.97E-11	1	2154.119	2.01	Salivary gland	X:+:10000170-10000223;X:+:10000170-10000223;X:+:10000170-10000223	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_91297	DFDTDEHIKDPVEER	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	97	2.07E-09	1	1844.833	1.62	Salivary gland	X:+:10002162-10002206;X:+:10002162-10002206;X:+:10002162-10002206	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB

JHU_Ag_91360	IGFPWSEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	67	3.52E-06	1	1104.583	-0.37	Salivary gland	X:+:9999696-9999722;X:+:9999696-9999722;X:+:9999696-9999722	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_92296	EDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation), M5(Oxidation)	36	0.000601922	2	1161.480	-0.34	Midgut	X:+:9999537-9999563;X:+:9999537-9999563;X:+:9999537-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_92499	EVWFFGLQYTDSK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	56	3.89E-05	2	1619.778	2.41	Pupa	X:+:9992567-9992605;X:+:9992567-9992605;X:+:9992567-9992605	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_96104	LQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	108	1.21E-10	1	1369.747	2.31	Head	X:+:10000170-10000205;X:+:10000170-10000205;X:+:10000170-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_97308	LFYLQVK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	49	4.16E-05	1	910.541	1.84	Salivary gland	X:+:9999206-9999226;X:+:9999206-9999226;X:+:9999206-9999226	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_98301	DDTMETPNDKIHR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	41	0.000870964	1	1587.710	1.68	Malpighian tubule	X:+:10002364-10002402;X:+:10002364-10002402;X:+:10002364-10002402	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_98722	FIIKPIDK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	30	0.001054847	2	973.611	3.33	Ovary	X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854;X:+:9999747-9999758,9999843-9999854	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_98995	RVDQFENM	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M8(Oxidation)	42	0.000396555	1	1054.466	3.64	Malpighian tubule	X:+:10002472-10002495;X:+:10002472-10002495;X:+:10002472-10002495	exon=> In CDS Exon 7 of transcript AGAP000562-PA;exon=> In CDS Exon 7 of transcript AGAP000562-PC;exon=> In CDS Exon 7 of transcript AGAP000562-PB
JHU_Ag_99499	IGFPWSEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	57	3.45E-05	2	1104.582	-1.81	Midgut	X:+:9999696-9999722;X:+:9999696-9999722;X:+:9999696-9999722	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_100701	LQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	49	3.15E-05	2	855.543	1.8	Salivary gland	X:+:10000035-10000058;X:+:10000035-10000058;X:+:10000035-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB

JHU_Ag_101208	RLHEEVEEAIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	49	0.000155212	3	1380.728	3.37	Malpighian tubule	X:+:10000377-10000409;X:+:10000377-10000409;X:+:10000377-10000409	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_101744	IQEEVTLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	47	0.000348145	1	959.541	0.62	Malpighian tubule	X:+:10000338-10000361;X:+:10000338-10000361;X:+:10000338-10000361	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_102336	EDAMMEYLK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation), M5(Oxidation)	34	0.001251301	2	1161.485	4.18	Ovary	X:+:9999537-9999563;X:+:9999537-9999563;X:+:9999537-9999563	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_103638	KQQEYEDR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	55	3.24E-05	2	1095.507	0.41	Salivary gland	X:+:10000074-10000097;X:+:10000074-10000097;X:+:10000074-10000097	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_104262	LQEQLNQVQAAKEELEQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	65	3.55E-06	1	2154.116	0.31	Male reproductive organs	X:+:10000170-10000223;X:+:10000170-10000223;X:+:10000170-10000223	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_104526	RKPDTIDVQQMK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M11(Oxidation),"Q10(Deamidated), M11(Oxidation)"	77	2.61E-07	1	1458.779	3.71	Malpighian tubule	X:+:9999951-9999986;X:+:9999951-9999986;X:+:9999951-9999986	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_105432	VTTMDAELEFAIQQGTTGK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M4(Oxidation)	128	3.00E-12	2	2040.003	3.66	Malpighian tubule	X:+:9992471-9992527;X:+:9992471-9992527;X:+:9992471-9992527	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_107216	GDPLLFK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	42	0.000755329	1	789.453	3.69	Malpighian tubule	X:+:9999122-9999142;X:+:9999122-9999142;X:+:9999122-9999142	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_107701	SMQEEMER	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	63	1.18E-06	2	1039.418	-0.34	Malpighian tubule	X:+:10000104-10000127;X:+:10000104-10000127;X:+:10000104-10000127	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_108097	FYPEDVAEELIQDITLR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	98	2.90E-09	1	2051.034	0.24	Midgut	X:+:9999155-9999205;X:+:9999155-9999205;X:+:9999155-9999205	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB
JHU_Ag_108412	FYPEDVAEELIQDITLR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	101	1.25E-09	1	2051.036	1.31	Malpighian tubule	X:+:9999155-9999205;X:+:9999155-9999205;X:+:9999155-9999205	exon=> In CDS Exon 3 of transcript AGAP000562-PA;exon=> In CDS Exon 3 of transcript AGAP000562-PC;exon=> In CDS Exon 3 of transcript AGAP000562-PB

JHU_Ag_108511	KAPDFVFFAPR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	103	4.94E-10	2	1294.695	0.88	Salivary gland	X:+:9999855-9999887;X:+:9999855-9999887;X:+:9999855-9999887	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_108543	LQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	103	4.36E-10	1	1369.748	3.38	Ovary	X:+:10000170-10000205;X:+:10000170-10000205;X:+:10000170-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_109599	ILALCMGNHELYMRR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	C5(Carbamidomethyl), M13(Oxidation),"C5(Carbamidomethyl), M6(Oxidation)",C5(Carbamidomethyl)	64	7.25E-06	1	1892.937	4.26	Malpighian tubule	X:+:9999906-9999950;X:+:9999906-9999950;X:+:9999906-9999950	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_109642	LQEQLNQVQAAKEELEQR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	122	6.61E-12	1	2154.124	4.05	Ovary	X:+:10000170-10000223;X:+:10000170-10000223;X:+:10000170-10000223	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_109802	RLQEQLNQVQAAK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	56	1.88E-05	2	1525.844	-0.19	Visceras	X:+:10000167-10000205;X:+:10000167-10000205;X:+:10000167-10000205	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_110037	EVWFFGLQYTDSK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	91	1.46E-08	1	1619.782	5.05	Salivary gland	X:+:9992567-9992605;X:+:9992567-9992605;X:+:9992567-9992605	exon=> In CDS Exon 2 of transcript AGAP000562-PA;exon=> In CDS Exon 2 of transcript AGAP000562-PC;exon=> In CDS Exon 2 of transcript AGAP000562-PB
JHU_Ag_110600	FIIKPIDKK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	20	0.007431869	1	1101.702	-0.93	Midgut	X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857;X:+:9999747-9999758,9999843-9999857	exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP000562-PB
JHU_Ag_110739	DFDTDEHIKDPVEER	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	98	2.00E-09	1	1844.840	5.27	Midgut	X:+:10002162-10002206;X:+:10002162-10002206;X:+:10002162-10002206	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB
JHU_Ag_112198	HHHVEEEEENEEELINGENGTQDFSK	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	85	1.58E-08	1	3079.317	0.76	Head	X:+:10002084-10002161;X:+:10002084-10002161;X:+:10002084-10002161	exon=> In CDS Exon 6 of transcript AGAP000562-PA;exon=> In CDS Exon 6 of transcript AGAP000562-PC;exon=> In CDS Exon 6 of transcript AGAP000562-PB
JHU_Ag_113986	IGFPWSEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	77	3.07E-07	1	1104.587	3.27	Head	X:+:9999696-9999722;X:+:9999696-9999722;X:+:9999696-9999722	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB

JHU_Ag_114018	QANLSEAQDTIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	63	7.23E-06	2	1345.673	1.37	Ovary	X:+:10000131-10000166;X:+:10000131-10000166;X:+:10000131-10000166	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_115969	EKLQLALAAR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	-	60	3.48E-06	1	1112.679	-0.04	Malpighian tubule	X:+:10000029-10000058;X:+:10000029-10000058;X:+:10000029-10000058	exon=> In CDS Exon 5 of transcript AGAP000562-PA;exon=> In CDS Exon 5 of transcript AGAP000562-PC;exon=> In CDS Exon 5 of transcript AGAP000562-PB
JHU_Ag_116037	IAQDLEMYGVNYFEIR	AGAP000562-PA,AGAP000562-PC,AGAP000562-PB	M7(Oxidation)	134	6.56E-13	1	1976.941	-0.62	Malpighian tubule	X:+:9999564-9999611;X:+:9999564-9999611;X:+:9999564-9999611	exon=> In CDS Exon 4 of transcript AGAP000562-PA;exon=> In CDS Exon 4 of transcript AGAP000562-PC;exon=> In CDS Exon 4 of transcript AGAP000562-PB
JHU_Ag_27211	SLTLDVWEPEILR	AGAP000563-PA	-	46	0.000229758	2	1570.859	7.44	Malpighian tubule	X:-:10013622-10013584	exon=> In CDS Exon 4 of transcript AGAP000563-PA
JHU_Ag_62401	HTCVNEPR	AGAP000563-PA	C3(Carbamidomethyl)	31	0.007582486	2	1012.476	12.73	Head	X:-:10016026-10016003	exon=> In CDS Exon 2 of transcript AGAP000563-PA
JHU_Ag_77075	ACSAAVDSGKEYIR	AGAP000563-PA	C2(Carbamidomethyl)	38	0.002340291	1	1526.739	7.69	Malpighian tubule	X:-:10016629-10016588	exon=> In CDS Exon 2 of transcript AGAP000563-PA
JHU_Ag_84197	GLAAGGGPGGGVGGPGGSGAAAASDSGRPGDGR	AGAP000563-PA	-	93	7.67E-09	1	2607.233	2.64	Head	X:-:10014027-10013929	exon=> In CDS Exon 3 of transcript AGAP000563-PA
JHU_Ag_1987	QHTNIVPLQFDVK	AGAP000564-PA	-	36	0.002234301	2	1538.831	-0.98	Midgut	X:-:10020690-10020711,10020009-10020567	exon=> In CDS Exon 3 and 2 of transcript AGAP000564-PA
JHU_Ag_9086	SQDLLALAK	AGAP000564-PA	-	39	0.001830868	1	958.557	0	Midgut	X:-:10022414-10022537,10020660-10020691	exon=> In CDS Exon 2 and 1 of transcript AGAP000564-PA
JHU_Ag_15708	ASDANPAAPVGPQR	AGAP000564-PA	-	61	1.41E-05	2	1350.678	1.13	Malpighian tubule	X:-:10020359-10020318	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_30340	AFVPLLK	AGAP000564-PA	-	31	0.001558669	2	787.509	1.85	Malpighian tubule	X:-:10020383-10020363	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_32066	IMAVALHPGWVQTDMGGAK	AGAP000564-PA	M2(Oxidation), M15(Oxidation)	45	0.000524843	1	2013.994	2.89	Larva	X:-:10020179-10020123	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_36596	AFVPLLKK	AGAP000564-PA	-	22	0.003014481	1	915.605	2.26	Malpighian tubule	X:-:10020383-10020360	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_41623	ASDANPAAPVGPQR	AGAP000564-PA	-	73	9.70E-07	2	1350.676	-0.4	Midgut	X:-:10020359-10020318	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_44483	SQDLLALAK	AGAP000564-PA	-	36	0.003118483	1	958.558	0.83	Visceras	X:-:10022414-10022537,10020660-10020691	exon=> In CDS Exon 2 and 1 of transcript AGAP000564-PA
JHU_Ag_49519	ASDANPAAPVGPQR	AGAP000564-PA	-	56	4.20E-05	2	1350.679	2.13	Larva	X:-:10020359-10020318	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_65294	ALIGLPAPAPTHIIATYR	AGAP000564-PA	-	95	3.97E-10	1	1875.091	2.98	Head	X:-:10022480-10022427	exon=> In CDS Exon 1 of transcript AGAP000564-PA
JHU_Ag_66118	AFVPLLK	AGAP000564-PA	-	31	0.001710847	2	787.508	-0.08	Visceras	X:-:10020383-10020363	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_72523	ALIGLPAPAPTHIIATYRDPAK	AGAP000564-PA	-	32	0.000828186	1	2286.296	-0.48	Midgut	X:-:10022480-10022415	exon=> In CDS Exon 1 of transcript AGAP000564-PA
JHU_Ag_77974	SQDLLALAK	AGAP000564-PA	-	55	4.12E-05	2	958.557	0.56	Ovary	X:-:10022414-10022537,10020660-10020691	exon=> In CDS Exon 2 and 1 of transcript AGAP000564-PA
JHU_Ag_78726	ALIGLPAPAPTHIIATYRDPAK	AGAP000564-PA	-	33	0.000613635	1	2286.302	2.4	Malpighian tubule	X:-:10022480-10022415	exon=> In CDS Exon 1 of transcript AGAP000564-PA

JHU_Ag_85774	NFDLYDQFAK	AGAP000564-PA	-	47	0.000246709	2	1260.590	0.54	Head	X:-:10020566-10020537	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_91435	ASDANPAAPVGPQR	AGAP000564-PA	-	84	6.71E-08	1	1350.678	1.13	Pupa	X:-:10020359-10020318	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_93935	NFDLYDQFAK	AGAP000564-PA	-	42	0.000713999	2	1260.594	3.35	Pupa	X:-:10020566-10020537	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_96183	ALIGLPAPAPTHIIATYRDPAK	AGAP000564-PA	-	31	0.001042181	1	2286.300	1.36	Visceras	X:-:10022480-10022415	exon=> In CDS Exon 1 of transcript AGAP000564-PA
JHU_Ag_96699	ALIGLPAPAPTHIIATYRDPAK	AGAP000564-PA	-	28	0.001892097	1	2286.304	2.88	Ovary	X:-:10022480-10022415	exon=> In CDS Exon 1 of transcript AGAP000564-PA
JHU_Ag_105642	QHTNIVPLQFDVK	AGAP000564-PA	-	33	0.00404008	2	1538.836	2.11	Pupa	X:-:10020690-10020711,10020009-10020567	exon=> In CDS Exon 3 and 2 of transcript AGAP000564-PA
JHU_Ag_112368	ALIGLPAPAPTHIIATYRDPAK	AGAP000564-PA	-	37	0.000249533	1	2286.297	-0.19	Pupa	X:-:10022480-10022415	exon=> In CDS Exon 1 of transcript AGAP000564-PA
JHU_Ag_113072	NFDLYDQFAK	AGAP000564-PA	-	71	8.82E-07	1	1260.584	-4.24	Midgut	X:-:10020566-10020537	exon=> In CDS Exon 3 of transcript AGAP000564-PA
JHU_Ag_1759	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	91	1.04E-08	1	1443.671	-0.15	Malpighian tubule	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_1871	TLLVGAGYIGLECAGFLK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C13(Carbamidomethyl)	103	4.18E-10	2	1882.020	2.76	Visceras	X:+:10031067-10031120;X:+:10031067-10031120;X:+:10031067-10031120	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_2106	LMHQASLLGEAIHDSQPYGWQLPDPAAIR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	56	2.78E-05	1	3214.616	1.79	Visceras	X:+:10030689-10030775;X:+:10030689-10030775;X:+:10030689-10030775	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_3360	DGIEVYHAYYKPTEFFVPQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	77	2.87E-07	1	2459.209	2.45	Salivary gland	X:+:10031688-10031747;X:+:10031688-10031747;X:+:10031688-10031747	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_3886	DGIEVYHAYYKPTEFFVPQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	150	1.50E-14	1	2459.213	4.17	Head	X:+:10031688-10031747;X:+:10031688-10031747;X:+:10031688-10031747	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_4737	GFDQQMATMVGDSMVEK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M6(Oxidation), M9(Oxidation), M14(Oxidation)	77	6.91E-08	1	1921.802	2.24	Larva	X:+:10031169-10031219;X:+:10031169-10031219;X:+:10031169-10031219	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_4790	KPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	86	9.18E-09	1	1388.802	1.06	Salivary gland	X:+:10031514-10031552;X:+:10031514-10031552;X:+:10031514-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_5255	DGIEVYHAYYKPTEFFVPQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	146	3.83E-14	1	2459.202	-0.3	Ovary	X:+:10031688-10031747;X:+:10031688-10031747;X:+:10031688-10031747	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_5460	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	115	4.96E-11	1	1670.853	2.15	Salivary gland	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_5559	VEYVNGLGYFKDDHTVVAVMK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N5(Deamidated),M20(Oxidation)	59	1.89E-05	1	2400.199	3.47	Salivary gland	X:+:10030863-10030925;X:+:10030863-10030925;X:+:10030863-10030925	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_5722	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	42	0.000859966	3	1716.906	-0.39	Male reproductive organs	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_6171	LMHQASLLGEAIHDSQPYGWQLPDPAAIR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M2(Oxidation)	43	0.000743389	1	3230.607	0.48	Ovary	X:+:10030689-10030775;X:+:10030689-10030775;X:+:10030689-10030775	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_6203	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	83	2.27E-08	1	1327.778	3.8	Head	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_6392	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	60	1.52E-06	1	1160.700	-0.89	Visceras	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_6910	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	88	2.41E-08	1	1186.640	-1.92	Visceras	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_8252	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	71	5.39E-07	1	1327.774	0.86	Visceras	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_8953	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	45	4.68E-05	1	1160.703	1.32	Head	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_9271	GFDQQMATMVGDSMVEK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M9(Oxidation), M14(Oxidation),M14(Oxidation),"M6(Oxidation), M9(Oxidation), M14(Oxidation)",M9(Oxidation),"M6(Oxidation), M9(Oxidation)","M6(Oxidation), M14(Oxidation)"	109	3.33E-11	1	1921.797	-0.49	Midgut	X:+:10031169-10031219;X:+:10031169-10031219;X:+:10031169-10031219	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_10172	GFDQQMATMVGDSMVEK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M6(Oxidation), M9(Oxidation), M14(Oxidation)	80	2.99E-08	2	1921.801	1.54	Salivary gland	X:+:10031169-10031219;X:+:10031169-10031219;X:+:10031169-10031219	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_10510	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	65	5.73E-06	2	1778.889	4.01	Head	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_12987	YPDIPGAAEYGITSDDIFSLPQAPGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	103	6.44E-10	1	2750.339	3	Visceras	X:+:10030989-10031066;X:+:10030989-10031066;X:+:10030989-10031066	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_15794	SRPLAVEKQPDGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	50	8.28E-05	1	1452.794	1.5	Ovary	X:+:10031241-10031279;X:+:10031241-10031279;X:+:10031241-10031279	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_15900	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N3(Deamidated)	98	2.32E-09	1	1186.642	-0.68	Midgut	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_16203	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	90	1.16E-08	1	1443.672	0.74	Head	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_17157	MDYADVATTVFTPLEYGCVGLSEEAAEAAHGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C18(Carbamidomethyl)	38	0.001784625	1	3402.574	6.82	Salivary gland	X:+:10031592-10031687;X:+:10031592-10031687;X:+:10031592-10031687	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_17392	SRPLAVEKQPDGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	58	1.50E-05	2	1452.791	-0.61	Pupa	X:+:10031241-10031279;X:+:10031241-10031279;X:+:10031241-10031279	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_17439	RLFGGSEER	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	46	0.000374415	2	1050.533	0.14	Ovary	X:+:10031565-10031591;X:+:10031565-10031591;X:+:10031565-10031591	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_18077	KPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	72	2.56E-07	2	1388.800	-0.86	Visceras	X:+:10031514-10031552;X:+:10031514-10031552;X:+:10031514-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_18484	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	47	3.57E-05	1	1160.705	3.15	Larva	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_19201	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	85	3.90E-08	2	1186.647	3.33	Larva	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_19545	YPDIPGAAEYGITSDDIFSLPQAPGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	108	2.36E-10	2	2750.344	4.68	Head	X:+:10030989-10031066;X:+:10030989-10031066;X:+:10030989-10031066	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_19829	LEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	62	6.34E-06	2	1113.518	0.65	Head	X:+:10031442-10031468;X:+:10031442-10031468;X:+:10031442-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_21870	VLGLHFLGPAAGEVIQGFAAALK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	118	2.97E-12	1	2279.295	1.76	Salivary gland	X:+:10031802-10031870;X:+:10031802-10031870;X:+:10031802-10031870	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_24475	YPDIPGAAEYGITSDDIFSLPQAPGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	135	4.75E-13	1	2750.326	-1.71	Ovary	X:+:10030989-10031066;X:+:10030989-10031066;X:+:10030989-10031066	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_24656	VLGLHFLGPAAGEVIQGFAAALK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	124	7.76E-13	1	2279.290	-0.48	Ovary	X:+:10031802-10031870;X:+:10031802-10031870;X:+:10031802-10031870	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_24679	WGLGGTCVNVGCIPK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C7(Carbamidomethyl), C12(Carbamidomethyl)	109	1.96E-10	2	1617.789	0.81	Malpighian tubule	X:+:10030641-10030685;X:+:10030641-10030685;X:+:10030641-10030685	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_25163	VEYVNGLGYFK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	77	3.78E-07	1	1288.661	2.58	Head	X:+:10030863-10030895;X:+:10030863-10030895;X:+:10030863-10030895	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_25577	VLGLHFLGPAAGEVIQGFAAALK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	110	1.63E-11	1	2279.301	4.49	Head	X:+:10031802-10031870;X:+:10031802-10031870;X:+:10031802-10031870	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_27652	KPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	72	2.60E-07	3	1388.800	-0.59	Midgut	X:+:10031514-10031552;X:+:10031514-10031552;X:+:10031514-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_27910	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	114	4.55E-11	1	1716.910	1.74	Malpighian tubule	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_28444	VLGLHFLGPAAGEVIQGFAAALK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	115	5.53E-12	1	2279.296	2.25	Malpighian tubule	X:+:10031802-10031870;X:+:10031802-10031870;X:+:10031802-10031870	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_29945	MDYADVATTVFTPLEYGCVGLSEEAAEAAHGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M1(Oxidation), C18(Carbamidomethyl)	146	2.39E-14	1	3418.542	-1	Malpighian tubule	X:+:10031592-10031687;X:+:10031592-10031687;X:+:10031592-10031687	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_30524	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	71	8.56E-07	1	1443.668	-1.86	Salivary gland	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_30885	DGIEVYHAYYKPTEFFVPQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	132	8.12E-13	1	2459.207	1.57	Visceras	X:+:10031688-10031747;X:+:10031688-10031747;X:+:10031688-10031747	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_31547	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	99	1.77E-09	1	1186.641	-1.71	Ovary	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_31899	GLGYDVSVMVR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M9(Oxidation)	61	1.08E-05	2	1211.608	-0.82	Midgut	X:+:10031121-10031153;X:+:10031121-10031153;X:+:10031121-10031153	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_33210	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	85	2.20E-08	1	1327.772	-0.89	Salivary gland	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_33229	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	125	4.99E-12	1	1670.853	2.07	Malpighian tubule	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_34123	KPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	92	2.76E-09	1	1388.800	-0.43	Ovary	X:+:10031514-10031552;X:+:10031514-10031552;X:+:10031514-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_34171	LMHQASLLGEAIHDSQPYGWQLPDPAAIR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M2(Oxidation)	55	3.89E-05	1	3230.612	2.13	Head	X:+:10030689-10030775;X:+:10030689-10030775;X:+:10030689-10030775	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_34288	VEYVNGLGYFKDDHTVVAVMK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M20(Oxidation),"N5(Deamidated),M20(Oxidation)"	120	1.66E-11	1	2401.175	0.18	Midgut	X:+:10030863-10030925;X:+:10030863-10030925;X:+:10030863-10030925	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_36788	DGIEVYHAYYKPTEFFVPQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	60	1.32E-05	1	2459.206	1.26	Pupa	X:+:10031688-10031747;X:+:10031688-10031747;X:+:10031688-10031747	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_39617	DGIEVYHAYYKPTEFFVPQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	168	1.96E-16	1	2459.211	3.2	Malpighian tubule	X:+:10031688-10031747;X:+:10031688-10031747;X:+:10031688-10031747	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_40977	QAVQLGAK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	52	8.44E-05	2	814.478	0.11	Malpighian tubule	X:+:10030572-10030595;X:+:10030572-10030595;X:+:10030572-10030595	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_42123	TLLVGAGYIGLECAGFLK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C13(Carbamidomethyl)	51	7.89E-05	2	1882.010	-2.36	Midgut	X:+:10031067-10031120;X:+:10031067-10031120;X:+:10031067-10031120	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_42953	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	66	4.29E-07	1	1160.701	0.27	Malpighian tubule	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_44140	DDHTVVAVMK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M9(Oxidation)	79	1.38E-07	1	1130.551	-0.24	Ovary	X:+:10030896-10030925;X:+:10030896-10030925;X:+:10030896-10030925	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_45967	VEYVNGLGYFK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	55	5.24E-05	1	1288.659	1.06	Visceras	X:+:10030863-10030895;X:+:10030863-10030895;X:+:10030863-10030895	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_46262	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	62	7.77E-06	1	1443.681	6.66	Male reproductive organs	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_47219	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	90	6.96E-09	1	1327.777	2.7	Ovary	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_47770	GFDQQMATMVGDSMVEK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M6(Oxidation), M9(Oxidation), M14(Oxidation)	64	1.23E-06	1	1921.795	-1.25	Male reproductive organs	X:+:10031169-10031219;X:+:10031169-10031219;X:+:10031169-10031219	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_49034	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	72	1.07E-06	1	1778.882	-0.22	Salivary gland	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_49570	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	71	1.06E-06	1	1670.860	6.24	Larva	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_51518	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	133	6.77E-13	1	1670.855	3.17	Ovary	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_51584	VEYVNGLGYFK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N5(Deamidated)	68	2.67E-06	2	1288.658	0.97	Ovary	X:+:10030863-10030895;X:+:10030863-10030895;X:+:10030863-10030895	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_51805	SRPLAVEKQPDGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	57	1.86E-05	1	1452.791	-0.9	Head	X:+:10031241-10031279;X:+:10031241-10031279;X:+:10031241-10031279	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_52811	VEYVNGLGYFK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	76	3.95E-07	1	1288.659	1.44	Midgut	X:+:10030863-10030895;X:+:10030863-10030895;X:+:10030863-10030895	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_52887	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N1(Deamidated)	128	2.20E-12	1	1670.849	-0.63	Midgut	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_53172	LMHQASLLGEAIHDSQPYGWQLPDPAAIR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M2(Oxidation)	61	9.22E-06	1	3230.622	5.09	Larva	X:+:10030689-10030775;X:+:10030689-10030775;X:+:10030689-10030775	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_53297	TLLVGAGYIGLECAGFLK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C13(Carbamidomethyl)	138	1.42E-13	1	1882.016	0.69	Ovary	X:+:10031067-10031120;X:+:10031067-10031120;X:+:10031067-10031120	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_53801	WGLGGTCVNVGCIPK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C7(Carbamidomethyl), C12(Carbamidomethyl)	109	2.04E-10	2	1617.790	1.56	Salivary gland	X:+:10030641-10030685;X:+:10030641-10030685;X:+:10030641-10030685	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_53974	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	116	3.54E-11	1	1716.907	0.25	Ovary	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_54308	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	119	1.91E-11	1	1670.853	1.93	Head	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_54593	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	60	1.56E-06	1	1160.701	0.27	Pupa	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_55533	KLMHQASLLGEAIHDSQPYGWQLPDPAAIR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M3(Oxidation)	84	3.91E-08	1	3358.703	0.77	Midgut	X:+:10030686-10030775;X:+:10030686-10030775;X:+:10030686-10030775	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_56290	MDYADVATTVFTPLEYGCVGLSEEAAEAAHGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M1(Oxidation), C18(Carbamidomethyl)	93	4.98E-09	1	3418.552	1.78	Head	X:+:10031592-10031687;X:+:10031592-10031687;X:+:10031592-10031687	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_56469	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	67	3.33E-06	2	1778.883	0.71	Larva	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_57808	AKHVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	58	1.33E-06	2	1359.832	-1.21	Midgut	X:+:10030950-10030988;X:+:10030950-10030988;X:+:10030950-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_58159	LEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	47	0.000225591	3	1113.525	6.75	Midgut	X:+:10031442-10031468;X:+:10031442-10031468;X:+:10031442-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_59079	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	78	1.92E-07	1	1716.908	0.9	Visceras	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_59910	AKHVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	69	9.36E-08	1	1359.833	0.04	Malpighian tubule	X:+:10030950-10030988;X:+:10030950-10030988;X:+:10030950-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_60138	VLGLHFLGPAAGEVIQGFAAALK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	138	2.92E-14	1	2279.292	0.56	Midgut	X:+:10031802-10031870;X:+:10031802-10031870;X:+:10031802-10031870	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_60567	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	94	4.81E-09	1	1186.643	0.35	Pupa	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_60609	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	65	5.60E-07	1	1160.701	-0.26	Midgut	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_61955	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	87	3.58E-08	1	1778.883	0.64	Visceras	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_64451	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	110	1.19E-10	1	1443.671	-0.15	Ovary	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_65102	GFDQQMATMVGDSMVEK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M6(Oxidation), M9(Oxidation),"M6(Oxidation), M9(Oxidation), M14(Oxidation)",M9(Oxidation)	115	9.49E-12	1	1921.801	1.6	Malpighian tubule	X:+:10031169-10031219;X:+:10031169-10031219;X:+:10031169-10031219	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_65404	DGIEVYHAYYKPTEFFVPQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	101	1.04E-09	1	2459.208	2.12	Midgut	X:+:10031688-10031747;X:+:10031688-10031747;X:+:10031688-10031747	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_65839	TLLVGAGYIGLECAGFLK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C13(Carbamidomethyl)	141	6.87E-14	1	1882.016	0.68	Malpighian tubule	X:+:10031067-10031120;X:+:10031067-10031120;X:+:10031067-10031120	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_68057	WGLGGTCVNVGCIPK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C7(Carbamidomethyl), C12(Carbamidomethyl)	123	7.70E-12	2	1617.788	0.28	Visceras	X:+:10030641-10030685;X:+:10030641-10030685;X:+:10030641-10030685	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_68365	AKHVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	30	0.000688749	1	1359.833	-0.41	Pupa	X:+:10030950-10030988;X:+:10030950-10030988;X:+:10030950-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_69349	CGLTMQVLR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C1(Carbamidomethyl),"C1(Carbamidomethyl), M5(Oxidation)"	68	3.00E-06	2	1077.556	1.89	Malpighian tubule	X:+:10031871-10031897;X:+:10031871-10031897;X:+:10031871-10031897	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_69774	YPDIPGAAEYGITSDDIFSLPQAPGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	89	1.70E-08	2	2750.331	-0.11	Salivary gland	X:+:10030989-10031066;X:+:10030989-10031066;X:+:10030989-10031066	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_70255	AVALREGNQR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	50	9.66E-05	2	1113.612	-0.8	Malpighian tubule	X:+:10031772-10031801;X:+:10031772-10031801;X:+:10031772-10031801	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_70810	VLGLHFLGPAAGEVIQGFAAALK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	69	2.31E-07	3	2279.299	3.61	Visceras	X:+:10031802-10031870;X:+:10031802-10031870;X:+:10031802-10031870	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_71305	KPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	89	5.02E-09	1	1388.800	-0.6	Malpighian tubule	X:+:10031514-10031552;X:+:10031514-10031552;X:+:10031514-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_71442	SRPLAVEKQPDGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	62	5.38E-06	1	1452.792	0.11	Malpighian tubule	X:+:10031241-10031279;X:+:10031241-10031279;X:+:10031241-10031279	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_73269	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	70	1.28E-06	1	1186.642	-0.82	Male reproductive organs	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_73985	SVNWVTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	40	0.001746513	1	861.459	1.33	Ovary	X:+:10030821-10030841;X:+:10030821-10030841;X:+:10030821-10030841	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_73986	WGLGGTCVNVGCIPK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C7(Carbamidomethyl), C12(Carbamidomethyl)	116	4.16E-11	2	1617.795	4.73	Midgut	X:+:10030641-10030685;X:+:10030641-10030685;X:+:10030641-10030685	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_74149	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	77	3.82E-07	1	1778.881	-0.63	Pupa	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_74182	MDYADVATTVFTPLEYGCVGLSEEAAEAAHGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M1(Oxidation), C18(Carbamidomethyl)	62	6.13E-06	3	3418.549	1.14	Midgut	X:+:10031592-10031687;X:+:10031592-10031687;X:+:10031592-10031687	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_76429	VEYVNGLGYFKDDHTVVAVMK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M20(Oxidation),"N5(Deamidated), M20(Oxidation)"	140	1.49E-13	1	2400.194	1.41	Malpighian tubule	X:+:10030863-10030925;X:+:10030863-10030925;X:+:10030863-10030925	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_76725	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	40	0.000166771	1	1160.703	1.85	Ovary	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_76950	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	97	2.75E-09	1	1443.670	-0.66	Midgut	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_77112	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	91	5.20E-09	1	1327.774	0.22	Midgut	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_77352	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N12(Deamidated)	123	9.25E-12	1	1778.882	-0.12	Midgut	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_77602	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	102	7.99E-10	1	1716.911	2.17	Salivary gland	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_77608	TNVPHIYAVGDVLYRKPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	145	7.87E-15	1	3086.707	5.42	Malpighian tubule	X:+:10031469-10031552;X:+:10031469-10031552;X:+:10031469-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_77662	DDHTVVAVMK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M9(Oxidation)	47	0.000255 02	2	1130.554	2.89	Head	X:+:10030896-10030925;X:+:10030896-10030925;X:+:10030896-10030925	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_78440	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	90	7.54E-09	1	1327.776	2.15	Malpighian tubule	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_79106	DQKVEYVNGLGYFK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	51	0.000125 582	2	1659.838	0.33	Midgut	X:+:10030854-10030895;X:+:10030854-10030895;X:+:10030854-10030895	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_79277	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	108	1.79E-10	1	1716.910	1.85	Pupa	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_80759	KPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	71	2.32E-07	1	1388.811	6.99	Male reproductive organs	X:+:10031514-10031552;X:+:10031514-10031552;X:+:10031514-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_81033	YCYLK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C2(Carbamidomethyl)	32	0.003291 499	2	746.355	0.98	Salivary gland	X:+:10031757-10031771;X:+:10031757-10031771;X:+:10031757-10031771	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_81080	YPDIPGAAEYGITSDDIFSLPQAPGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	60	1.40E-05	2	2750.339	2.82	Pupa	X:+:10030989-10031066;X:+:10030989-10031066;X:+:10030989-10031066	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_82865	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	91	5.64E-09	1	1327.775	1.32	Pupa	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_83035	DDHTVVAVMK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M9(Oxidation)	47	0.000266797	2	1114.559	2.86	Midgut	X:+:10030896-10030925;X:+:10030896-10030925;X:+:10030896-10030925	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_83135	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	93	7.14E-09	1	1716.908	0.46	Head	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_83342	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	66	1.93E-06	1	1327.776	1.87	Larva	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_83435	YETVDEAGTATNGEDVFDTVLFAIGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	142	9.22E-14	1	2790.318	2.66	Midgut	X:+:10031292-10031369;X:+:10031292-10031369;X:+:10031292-10031369	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_84568	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N12(Deamidated)	96	4.26E-09	1	1778.881	-0.74	Ovary	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_84667	SVNWVTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	43	0.000798194	2	861.447	-12.41	Salivary gland	X:+:10030821-10030841;X:+:10030821-10030841;X:+:10030821-10030841	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_85108	VAVLDFVKPSPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	91	5.64E-09	1	1327.776	2.33	Male reproductive organs	X:+:10030596-10030631;X:+:10030596-10030631;X:+:10030596-10030631	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_85288	QAVQLGAK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	44	0.000499547	2	814.479	1.46	Ovary	X:+:10030572-10030595;X:+:10030572-10030595;X:+:10030572-10030595	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_85490	RLFGGSEER	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	31	0.012186187	1	1050.531	-1.26	Midgut	X:+:10031565-10031591;X:+:10031565-10031591;X:+:10031565-10031591	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_88062	TNVPHIYAVGDVLYR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	110	1.40E-10	1	1716.907	0.25	Midgut	X:+:10031469-10031513;X:+:10031469-10031513;X:+:10031469-10031513	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_88088	HVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	47	3.54E-05	1	1160.704	2.52	Salivary gland	X:+:10030956-10030988;X:+:10030956-10030988;X:+:10030956-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_89964	KPELTPVAIHAGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	86	9.18E-09	1	1388.801	0.2	Head	X:+:10031514-10031552;X:+:10031514-10031552;X:+:10031514-10031552	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_90292	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	105	4.73E-10	1	1186.643	-0.17	Salivary gland	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_90500	WGLGGTCVNVGCIPK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C7(Carbamidomethyl), C12(Carbamidomethyl)	123	7.40E-12	2	1617.792	2.47	Ovary	X:+:10030641-10030685;X:+:10030641-10030685;X:+:10030641-10030685	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_90630	SVNWVTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	43	0.000868907	1	861.458	0.41	Malpighian tubule	X:+:10030821-10030841;X:+:10030821-10030841;X:+:10030821-10030841	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_90784	VEYVNGLGYFKDDHTVVAVMK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M20(Oxidation),"N5(Deamidated), M20(Oxidation)"	149	1.76E-14	1	2400.193	1.02	Ovary	X:+:10030863-10030925;X:+:10030863-10030925;X:+:10030863-10030925	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_91662	GLGYDVSVMVR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M9(Oxidation)	67	2.50E-06	1	1211.610	0.7	Malpighian tubule	X:+:10031121-10031153;X:+:10031121-10031153;X:+:10031121-10031153	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_91906	QAVQLGAK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	43	0.000620021	1	814.478	-0.4	Midgut	X:+:10030572-10030595;X:+:10030572-10030595;X:+:10030572-10030595	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_93817	CGLTMQVLR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C1(Carbamidomethyl), M5(Oxidation)	57	3.78E-05	2	1093.550	1.04	Ovary	X:+:10031871-10031897;X:+:10031871-10031897;X:+:10031871-10031897	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_98076	LEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	43	0.000479668	3	1113.520	2.23	Salivary gland	X:+:10031442-10031468;X:+:10031442-10031468;X:+:10031442-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_98759	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	64	4.94E-06	1	1443.663	-5.67	Larva	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_99377	GFDQQMATMVGDSMVEK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M6(Oxidation), M9(Oxidation), M14(Oxidation)	131	2.20E-13	1	1921.800	1.35	Ovary	X:+:10031169-10031219;X:+:10031169-10031219;X:+:10031169-10031219	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_99763	GLGYDVSVMVR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M9(Oxidation)	77	2.62E-07	1	1211.609	-0.31	Ovary	X:+:10031121-10031153;X:+:10031121-10031153;X:+:10031121-10031153	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_103998	VEYVNGLGYFK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N5(Deamidated)	67	3.00E-06	1	1289.643	0.96	Malpighian tubule	X:+:10030863-10030895;X:+:10030863-10030895;X:+:10030863-10030895	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_105751	HDWATLTESVQNHIK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	103	8.12E-10	1	1778.883	0.7	Malpighian tubule	X:+:10030776-10030820;X:+:10030776-10030820;X:+:10030776-10030820	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_106450	WGLGGTCVNVGCIPK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C7(Carbamidomethyl), C12(Carbamidomethyl)	116	4.71E-11	2	1617.799	7.07	Head	X:+:10030641-10030685;X:+:10030641-10030685;X:+:10030641-10030685	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_106869	LMHQASLLGEAIHDSQPYGWQLPDPAAIR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M2(Oxidation)	88	1.86E-08	1	3230.629	7.45	Malpighian tubule	X:+:10030689-10030775;X:+:10030689-10030775;X:+:10030689-10030775	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_107034	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	105	4.59E-10	1	1186.644	1.17	Malpighian tubule	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_107174	LMHQASLLGEAIHDSQPYGWQLPDPAAIR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M2(Oxidation)	111	1.15E-10	1	3230.597	-2.52	Midgut	X:+:10030689-10030775;X:+:10030689-10030775;X:+:10030689-10030775	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_108039	SVNWVTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	43	0.000849128	2	861.458	-0.15	Male reproductive organs	X:+:10030821-10030841;X:+:10030821-10030841;X:+:10030821-10030841	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_108072	TLLVGAGYIGLECAGFLK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	C13(Carbamidomethyl)	101	6.10E-10	1	1882.023	4.39	Head	X:+:10031067-10031120;X:+:10031067-10031120;X:+:10031067-10031120	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_108561	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	85	4.20E-08	1	1443.671	-0.34	Pupa	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_108569	MDYADVATTVFTPLEYGCVGLSEEAAEAAHGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	M1(Oxidation), C18(Carbamidomethyl)	174	4.02E-17	1	3418.547	0.5	Ovary	X:+:10031592-10031687;X:+:10031592-10031687;X:+:10031592-10031687	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_109169	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	114	5.75E-11	1	1670.852	1.64	Male reproductive organs	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_109433	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	97	2.94E-09	1	1670.850	0.17	Visceras	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_109518	SRPLAVEK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	31	0.005404727	2	899.526	-5.37	Head	X:+:10031241-10031264;X:+:10031241-10031264;X:+:10031241-10031264	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_111439	YETVDEAGTATNGEDVFDTVLFAIGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N12(Deamidated)	182	8.31E-18	1	2790.315	1.75	Ovary	X:+:10031292-10031369;X:+:10031292-10031369;X:+:10031292-10031369	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_113074	YPDIPGAAEYGITSDDIFSLPQAPGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	135	3.93E-13	1	2750.334	1.13	Midgut	X:+:10030989-10031066;X:+:10030989-10031066;X:+:10030989-10031066	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_113347	YPDIPGAAEYGITSDDIFSLPQAPGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	157	2.69E-15	1	2750.336	1.66	Malpighian tubule	X:+:10030989-10031066;X:+:10030989-10031066;X:+:10030989-10031066	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_114454	SVNWVTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	40	0.001629196	2	861.457	-0.86	Midgut	X:+:10030821-10030841;X:+:10030821-10030841;X:+:10030821-10030841	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_114582	SVNWVTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	37	0.003427467	1	861.457	-1.22	Pupa	X:+:10030821-10030841;X:+:10030821-10030841;X:+:10030821-10030841	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_114952	AKHVVIAVGGRPR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	59	1.02E-06	1	1359.838	3.33	Larva	X:+:10030950-10030988;X:+:10030950-10030988;X:+:10030950-10030988	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB

JHU_Ag_116032	LANAGVVTAEGGK	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	82	9.03E-08	1	1186.649	5.25	Head	X:+:10031394-10031432;X:+:10031394-10031432;X:+:10031394-10031432	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_116085	LFGGSEER	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	38	0.002354394	1	894.432	0.69	Ovary	X:+:10031568-10031591;X:+:10031568-10031591;X:+:10031568-10031591	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_116803	NTVGIHPTVAEEFTR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	69	1.80E-06	1	1670.853	2.07	Pupa	X:+:10031898-10031942;X:+:10031898-10031942;X:+:10031898-10031942	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_117087	SDKLEVDETDHR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	-	91	9.92E-09	1	1443.673	1.08	Visceras	X:+:10031433-10031468;X:+:10031433-10031468;X:+:10031433-10031468	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_117620	YETVDEAGTATNGEDVFDTVLFAIGR	AGAP000565-PA,AGAP000565-PC,AGAP000565-PB	N12(Deamidated)	162	8.22E-16	1	2790.310	-0.17	Malpighian tubule	X:+:10031292-10031369;X:+:10031292-10031369;X:+:10031292-10031369	exon=> In CDS Exon 2 of transcript AGAP000565-PA;exon=> In CDS Exon 2 of transcript AGAP000565-PC;exon=> In CDS Exon 2 of transcript AGAP000565-PB
JHU_Ag_31271	APLNQENYEYDLVVIGGGSGGLACAK	AGAP000565-PC	C24(Carbamidomethyl)	132	1.02E-12	1	2695.307	1.42	Malpighian tubule	X:+:10022233-10022245,10030507-10030571	exon=> In CDS Exon 1 and 2 of transcript AGAP000565-PC
JHU_Ag_49297	APLNQENYEYDLVVIGGGSGGLACAK	AGAP000565-PC	C24(Carbamidomethyl)	91	1.43E-08	2	2695.305	0.7	Midgut	X:+:10022233-10022245,10030507-10030571	exon=> In CDS Exon 1 and 2 of transcript AGAP000565-PC
JHU_Ag_62515	APLNQENYEYDLVVIGGGSGGLACAK	AGAP000565-PC	C24(Carbamidomethyl)	134	7.27E-13	1	2695.307	1.22	Ovary	X:+:10022233-10022245,10030507-10030571	exon=> In CDS Exon 1 and 2 of transcript AGAP000565-PC
JHU_Ag_78230	APLNQENYEYDLVVIGGGSGGLACAK	AGAP000565-PC	C24(Carbamidomethyl)	123	8.91E-12	1	2695.301	-0.75	Salivary gland	X:+:10022233-10022245,10030507-10030571	exon=> In CDS Exon 1 and 2 of transcript AGAP000565-PC
JHU_Ag_101847	APLNQENYEYDLVVIGGGSGGLACAK	AGAP000565-PC	C24(Carbamidomethyl)	35	0.00473332	1	2695.315	4.42	Head	X:+:10022233-10022245,10030507-10030571	exon=> In CDS Exon 1 and 2 of transcript AGAP000565-PC
JHU_Ag_28705	ANPDLQVTPLVPVR	AGAP000570-PA	-	56	1.07E-05	1	1518.865	0.97	Head	X:+:10081883-10081924	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_29055	GYVVSGGVGQR	AGAP000570-PA	-	87	3.33E-08	2	1078.559	-4.54	Midgut	X:+:10082144-10082176	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_38518	LVGLSSNQQSWPTPQDVR	AGAP000570-PA	N7(Deamidated),Q8(Deamidated),Q9(Deamidated),Q15(Deamidated)	124	5.51E-12	1	2012.015	-2.41	Midgut	X:+:10082003-10082056	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_41809	LVGLSSNQQSWPTPQDVR	AGAP000570-PA	-	61	1.17E-05	2	2012.022	0.93	Malpighian tubule	X:+:10082003-10082056	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_53936	LDLQYPTAGVGAVVSYVEVVVQQSTAQGR	AGAP000570-PA	-	144	2.34E-14	1	3034.586	0.57	Midgut	X:+:10082057-10082143	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_59247	ANPDLQVTPLVPVR	AGAP000570-PA	-	74	1.88E-07	1	1518.863	-0.72	Midgut	X:+:10081883-10081924	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_63421	ANPDLQVTPLVPVR	AGAP000570-PA	-	65	1.57E-06	1	1518.869	3.14	Malpighian tubule	X:+:10081883-10081924	exon=> In CDS Exon 1 of transcript AGAP000570-PA

JHU_Ag_79658	ANPDLQVTPLVPVR	AGAP000570-PA	-	61	3.35E-06	1	1518.868	2.42	Visceras	X:+:10081883-10081924	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_93114	LVGLSSNQQSWPTPQDVR	AGAP000570-PA	-	84	5.05E-08	1	2012.024	2.2	Visceras	X:+:10082003-10082056	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_103672	QQIVYSVGAHSASER	AGAP000570-PA	-	89	2.00E-08	1	1631.810	-2.03	Midgut	X:+:10081958-10082002	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_115374	QQIVYSVGAHSASER	AGAP000570-PA	-	85	5.14E-08	1	1631.817	1.94	Malpighian tubule	X:+:10081958-10082002	exon=> In CDS Exon 1 of transcript AGAP000570-PA
JHU_Ag_16798	FTSASANIIDHISGR	AGAP000573-PA,AGAP000573-PB	-	39	0.001894589	1	1588.807	-0.35	Pupa	X:+:10102886-10102930;X:+:10102886-10102930	exon=> In CDS Exon 2 of transcript AGAP000573-PA;exon=> In CDS Exon 2 of transcript AGAP000573-PB
JHU_Ag_35429	ISLGEDQLCALGEK	AGAP000573-PA,AGAP000573-PB	C9(Carbamidomethyl)	39	0.002364169	2	1532.765	1.39	Pupa	X:+:10103872-10103913;X:+:10103872-10103913	exon=> In CDS Exon 3 of transcript AGAP000573-PA;exon=> In CDS Exon 3 of transcript AGAP000573-PB
JHU_Ag_107942	GEFPFVALVNFR	AGAP000573-PA,AGAP000573-PB	-	67	2.03E-06	2	1395.759	12.05	Larva	X:+:10102949-10102984;X:+:10102949-10102984	exon=> In CDS Exon 2 of transcript AGAP000573-PA;exon=> In CDS Exon 2 of transcript AGAP000573-PB
JHU_Ag_1368	ELVPIEEHVR	AGAP000574-PA	-	59	1.19E-05	1	1220.664	0.06	Male reproductive organs	X:-:10111526-10111497	exon=> In CDS Exon 3 of transcript AGAP000574-PA
JHU_Ag_12198	VTILEYRPNKK	AGAP000574-PA	-	54	1.34E-05	1	1360.795	-0.03	Male reproductive organs	X:-:10111577-10111545	exon=> In CDS Exon 3 of transcript AGAP000574-PA
JHU_Ag_17870	VTILEYRPNKK	AGAP000574-PA	-	29	0.004482073	1	1360.793	-1.07	Midgut	X:-:10111577-10111545	exon=> In CDS Exon 3 of transcript AGAP000574-PA
JHU_Ag_101111	IFMDGGEYSGR	AGAP000574-PA	M3(Oxidation)	68	7.59E-07	2	1247.536	0.2	Male reproductive organs	X:-:10112012-10112111,10111691-10111883	exon=> In CDS Exon 2 and 1 of transcript AGAP000574-PA
JHU_Ag_104282	AQDFYQR	AGAP000576-PA	Q2(Deamidated), Q6(Deamidated)	30	0.003296437	1	929.410	11.08	Head	X:+:10144287-10144307	exon=> In CDS Exon 6 of transcript AGAP000576-PA
JHU_Ag_106220	MSARGVLLK	AGAP000577-PD	N-Term(Acetyl), M1(Oxidation)	31	0.005764954	1	1032.578	-8.8	Larva	X:-:10156281-10156255	exon=> In CDS Exon 1 of transcript AGAP000577-PD
JHU_Ag_105195	VMEQDRHSIAPEVHPDEQLPFDEHDFVAHFQR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB	M2(Oxidation)	181	7.63E-18	1	3855.817	6.14	Malpighian tubule	X:-:10153009-10152914;X:-:10153009-10152914;X:-:10153009-10152914	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB
JHU_Ag_2927	TNVPDIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	47	0.000135111	2	814.441	-1.45	Pupa	X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_5466	GLVVSLSTDDPLQFHYTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	78	2.01E-07	1	2020.044	2.76	Malpighian tubule	X:-:10150035-10149982;X:-:10150035-10149982;X:-:10150035-10149982;X:-:10150035-10149982	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC

JHU_Ag_6788	ASTLLVK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	43	0.000188827	2	731.466	0.21	Malpighian tubule	X:-:10152859-10152839;X:-:10152859-10152839;X:-:10152859-10152839;X:-:10152859-10152839	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_6963	WAIDGNVYSDNIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	55	4.99E-05	2	1522.732	2.18	Visceras	X:-:10150759-10150721;X:-:10150759-10150721;X:-:10150759-10150721;X:-:10150759-10150721	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_9601	STHSSTITHQER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	64	5.57E-06	1	1383.662	0.63	Malpighian tubule	X:-:10152763-10152728;X:-:10152763-10152728;X:-:10152763-10152728;X:-:10152763-10152728	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_10504	EVASDFEESKYQNAELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	133	7.44E-13	1	2014.935	0.07	Midgut	X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_11903	VSISGEDTSGVPLDDLER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	83	9.01E-08	1	1888.917	1.92	Malpighian tubule	X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_13525	EVASDFEESKYQNAELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	79	1.67E-07	1	2014.936	0.13	Male reproductive organs	X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_14236	VSISGEDTSGVPLDDLER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	69	2.60E-06	1	1888.915	0.88	Head	X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC

JHU_Ag_14409	NSVLMSGFPHK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	M5(Oxidation)	67	3.52E-06	1	1232.609	-0.08	Malpighian tubule	X:-:10149827-10149795;X:-:10149827-10149795;X:-:10149827-10149795;X:-:10149827-10149795	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_17717	WLIQIPR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	39	0.000240034	2	925.562	0.04	Head	X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_18164	TNQLMSSFQQILDNVFKPLFEATNNPSK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	M5(Oxidation)	223	5.54E-22	1	3227.608	1.08	Malpighian tubule	X:-:10150554-10150471;X:-:10150554-10150471;X:-:10150554-10150471;X:-:10150554-10150471	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC
JHU_Ag_18874	WLIQIPR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	40	0.000162657	1	925.561	-0.82	Male reproductive organs	X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_18892	YESLLDELANIFK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	74	4.33E-07	1	1554.807	1.44	Midgut	X:-:10149695-10149657;X:-:10149695-10149657;X:-:10149695-10149657;X:-:10149695-10149657	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_20552	YESLLDELANIFK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	90	1.13E-08	2	1554.808	1.67	Malpighian tubule	X:-:10149695-10149657;X:-:10149695-10149657;X:-:10149695-10149657;X:-:10149695-10149657	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_21237	LSSCDMCELAR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	C4(Carbamidomethyl),C7(Carbamidomethyl),"C4(Carbamidomethyl),M6(Oxidation),C7(Carbamidomethyl)"	71	3.42E-07	2	1341.557	-1.65	Midgut	X:-:10149860-10149828;X:-:10149860-10149828;X:-:10149860-10149828;X:-:10149860-10149828	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC

JHU_Ag_21348	AVPHRDFYNIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	45	0.000503 64	1	1387.728	3.43	Malpighian tubule	X:-:10151221-10151189;X:-:10151221-10151189;X:-:10151221-10151189;X:-:10151221-10151189	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_27075	STHSSTITHQER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	69	1.53E-06	1	1383.654	-4.93	Head	X:-:10152763-10152728;X:-:10152763-10152728;X:-:10152763-10152728;X:-:10152763-10152728	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_29956	NPFPEYLAR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	56	3.95E-05	1	1106.564	1.28	Salivary gland	X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC
JHU_Ag_31459	WAIDGNVYSDNIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	88	2.66E-08	2	1522.729	0.17	Midgut	X:-:10150759-10150721;X:-:10150759-10150721;X:-:10150759-10150721;X:-:10150759-10150721	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_31502	VSISGEDTSGVPLDDLERASTLLVK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	96	2.17E-09	1	2601.378	6.29	Malpighian tubule	X:-:10152913-10152839;X:-:10152913-10152839;X:-:10152913-10152839;X:-:10152913-10152839	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_33200	NPFPEYLAR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	61	1.30E-05	1	1106.562	-1.15	Malpighian tubule	X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC
JHU_Ag_39567	WLIQIPR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	46	4.66E-05	2	925.562	0.1	Midgut	X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC

JHU_Ag_42098	TNVPDIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	41	0.000551135	2	814.444	3.2	Malpighian tubule	X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_42151	STHSSTITHQER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	64	5.19E-06	1	1383.661	0.01	Male reproductive organs	X:-:10152763-10152728;X:-:10152763-10152728;X:-:10152763-10152728;X:-:10152763-10152728	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_42310	NSADEVVTVTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	89	2.12E-08	1	1162.598	2.48	Malpighian tubule	X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_43448	GLVVSLSTDDPLQFHYTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	58	2.08E-05	1	2020.039	0.04	Ovary	X:-:10150035-10149982;X:-:10150035-10149982;X:-:10150035-10149982;X:-:10150035-10149982	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC
JHU_Ag_48013	VSISGEDTSGVPLDDLER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	73	9.87E-07	2	1888.922	4.31	Midgut	X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_51481	NPFPEYLAR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	43	0.000702122	1	1106.564	1.17	Visceras	X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC
JHU_Ag_51567	WLIQIPR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	38	0.000298726	2	925.561	-0.69	Pupa	X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC

JHU_Ag_52176	ASTLLVK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	35	0.001374715	2	731.468	2.88	Male reproductive organs	X:-:10152859-10152839;X:-:10152859-10152839;X:-:10152859-10152839;X:-:10152859-10152839	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_52376	HSIAPEVHPDEQLPFDEHDFVAHFQR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	134	5.90E-13	1	3097.479	7.72	Ovary	X:-:10152991-10152914;X:-:10152991-10152914;X:-:10152991-10152914;X:-:10152991-10152914	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_52576	WLIQIPR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	33	0.00093815	2	925.564	2.28	Malpighian tubule	X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_53934	VSISGEDTSGVPLDDLER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	88	2.77E-08	1	1888.916	1.34	Visceras	X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_54044	TLKNSADEVVTVTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	102	5.19E-10	2	1504.824	1.73	Malpighian tubule	X:-:10151119-10151078;X:-:10151119-10151078;X:-:10151119-10151078;X:-:10151119-10151078	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_54500	VSISGEDTSGVPLDDLER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	105	5.10E-10	1	1888.918	2.56	Salivary gland	X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_54813	EGVAGNDITR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	74	6.60E-07	2	1031.516	3.76	Malpighian tubule	X:-:10149758-10149729;X:-:10149758-10149729;X:-:10149758-10149729;X:-:10149758-10149729	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC

JHU_Ag_58093	NSADEVVTVTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	81	1.33E-07	2	1162.598	2.38	Salivary gland	X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_59510	LYDIFK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	33	0.002064352	1	798.442	3.03	Salivary gland	X:-:10150699-10151526,101499 82-10150555;X:-:10150699-10151526,101499 82-10150555;X:-:10150699-10151526,101499 82-10150555;X:-:10150699-10151526,101499 82-10150555	exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000577-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000577-PC
JHU_Ag_60862	LYDIFK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	35	0.001558453	2	798.440	0.13	Midgut	X:-:10150699-10151526,101499 82-10150555;X:-:10150699-10151526,101499 82-10150555;X:-:10150699-10151526,101499 82-10150555;X:-:10150699-10151526,101499 82-10150555	exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000577-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000577-PC
JHU_Ag_62330	MKQHWLGPNYTR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	59	2.08E-05	1	1530.768	2.9	Malpighian tubule	X:-:10149794-10149759;X:-:10149794-10149759;X:-:10149794-10149759;X:-:10149794-10149759	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_65309	NSADEVVTVTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	72	9.46E-07	2	1162.597	1.33	Head	X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_66666	EVASDFEESKYQNAELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	84	6.82E-08	1	2014.939	1.58	Head	X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC

JHU_Ag_67773	EGVAGNDITR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	59	2.07E-05	2	1031.512	-0.03	Pupa	X:-:10149758-10149729;X:-:10149758-10149729;X:-:10149758-10149729;X:-:10149758-10149729	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_67947	FQLHVLLNELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	63	1.74E-06	1	1381.795	-0.24	Malpighian tubule	X:-:10151272-10151240;X:-:10151272-10151240;X:-:10151272-10151240;X:-:10151272-10151240	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_68560	GLVVSLSTDDPLQFHYTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	104	6.04E-10	1	2020.043	2.34	Midgut	X:-:10150035-10149982;X:-:10150035-10149982;X:-:10150035-10149982;X:-:10150035-10149982	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC
JHU_Ag_69092	LYDIFK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	31	0.003996627	1	798.440	0.13	Malpighian tubule	X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555	exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000577-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000577-PC
JHU_Ag_70183	YFANIIK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	34	0.002355895	1	868.493	0.47	Malpighian tubule	X:-:10150879-10150859;X:-:10150879-10150859;X:-:10150879-10150859;X:-:10150879-10150859	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_71566	LREVFLK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	40	0.000271173	1	904.563	1.89	Malpighian tubule	X:-:10150924-10150904;X:-:10150924-10150904;X:-:10150924-10150904;X:-:10150924-10150904	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC

JHU_Ag_71832	GTPMTLAQVFQSMNLTTYDLTVDML DVHADR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	M4(Oxidation), M13(Oxidation), M24(Oxidation)	98	1.69E-09	1	3531.644	0.07	Malpighian tubule	X:-:10151077-10150985;X:-:10151077-10150985;X:-:10151077-10150985;X:-:10151077-10150985	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_76324	EPLMEEYSIAAQVWK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	M4(Oxidation)	76	3.79E-07	2	1809.870	-1.68	Midgut	X:-:10149905-10149861;X:-:10149905-10149861;X:-:10149905-10149861;X:-:10149905-10149861	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_76586	EVASDFEESK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	36	0.002048585	2	1140.508	1.89	Salivary gland	X:-:10150858-10150829;X:-:10150858-10150829;X:-:10150858-10150829;X:-:10150858-10150829	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_77008	WLIQIPR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	40	0.000184193	2	925.564	2.08	Salivary gland	X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_77017	FQLHVLLNELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	80	4.04E-08	1	1381.796	0.52	Midgut	X:-:10151272-10151240;X:-:10151272-10151240;X:-:10151272-10151240;X:-:10151272-10151240	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_78986	NSADEVVTVTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	37	0.003756604	2	1162.594	-0.67	Visceras	X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_80505	TNVPDIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	35	0.002770119	2	814.442	0.42	Visceras	X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC

JHU_Ag_85575	LSSCDMCELAR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	C4(Carbamidomethyl), C7(Carbamidomethyl),"C4 (Carbamidomethyl), M6(Oxidation), C7(Carbamidomethyl)"	77	8.62E-08	2	1341.564	2.9	Malpighian tubule	X:-:10149860-10149828;X:-:10149860-10149828;X:-:10149860-10149828;X:-:10149860-10149828	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_87563	WLIQIPR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	38	0.000313525	2	925.563	1.55	Visceras	X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700;X:-:10150720-10150700	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_87683	NSHQAFPQTTAR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	42	0.000665092	2	1357.664	2.54	Malpighian tubule	X:-:10152808-10152773;X:-:10152808-10152773;X:-:10152808-10152773;X:-:10152808-10152773	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_88894	EGVAGNDITR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	50	0.000158276	2	1031.512	-0.03	Head	X:-:10149758-10149729;X:-:10149758-10149729;X:-:10149758-10149729;X:-:10149758-10149729	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_90660	VSISGEDTSGVPLDDLER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	76	4.88E-07	2	1888.914	0.11	Ovary	X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_90913	NPFPEYLAR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	38	0.002403245	2	1106.563	-0.04	Midgut	X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036;X:-:10150062-10150036	exon=> In CDS Exon 5 of transcript AGAP000577-PD;exon=> In CDS Exon 5 of transcript AGAP000577-PA;exon=> In CDS Exon 4 of transcript AGAP000577-PB;exon=> In CDS Exon 3 of transcript AGAP000577-PC
JHU_Ag_91484	NSADEVVTVTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	70	1.34E-06	2	1162.595	0.17	Midgut	X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC

JHU_Ag_94214	YFANIIK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	33	0.002729957	1	868.493	0.33	Visceras	X:-:10150879-10150859;X:-:10150879-10150859;X:-:10150879-10150859;X:-:10150879-10150859	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_95718	YFANIIK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	29	0.007658714	1	868.492	-0.44	Midgut	X:-:10150879-10150859;X:-:10150879-10150859;X:-:10150879-10150859;X:-:10150879-10150859	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_98558	WAIDGNVYSDNIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	53	6.61E-05	2	1522.730	0.74	Ovary	X:-:10150759-10150721;X:-:10150759-10150721;X:-:10150759-10150721;X:-:10150759-10150721	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_98946	NSADEVVTVTK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	54	7.23E-05	2	1162.593	-1.82	Pupa	X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078;X:-:10151110-10151078	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_100836	EVASDFEESK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	40	0.000730074	2	1140.508	2.43	Malpighian tubule	X:-:10150858-10150829;X:-:10150858-10150829;X:-:10150858-10150829;X:-:10150858-10150829	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_102519	SPDEWYK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	35	0.002877916	1	924.409	-0.94	Midgut	X:-:10150789-10150769;X:-:10150789-10150769;X:-:10150789-10150769;X:-:10150789-10150769	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_103637	HSIAPEVHPDEQLPFDEHDFVAHFQR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	140	1.36E-13	1	3097.456	0.39	Malpighian tubule	X:-:10152991-10152914;X:-:10152991-10152914;X:-:10152991-10152914;X:-:10152991-10152914	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC

JHU_Ag_110289	EVASDFEESKYQNAELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	69	1.88E-06	1	2014.932	-1.51	Ovary	X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_110644	EVASDFEESKYQNAELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	73	7.44E-07	1	2014.939	1.67	Malpighian tubule	X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808;X:-:10150858-10150808	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_110662	YNPIGESR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	46	0.000379139	1	935.460	2.18	Malpighian tubule	X:-:10150948-10150925;X:-:10150948-10150925;X:-:10150948-10150925;X:-:10150948-10150925	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_111724	FQLHVLLNELR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	53	1.76E-05	1	1381.797	1.62	Head	X:-:10151272-10151240;X:-:10151272-10151240;X:-:10151272-10151240;X:-:10151272-10151240	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_112759	VSISGEDTSGVPLDDLER	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	85	5.61E-08	2	1888.906	-3.83	Male reproductive organs	X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860;X:-:10152913-10152860	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC
JHU_Ag_113416	HSIAPEVHPDEQLPFDEHDFVAHFQR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	121	9.83E-12	1	3097.451	-1.27	Head	X:-:10152991-10152914;X:-:10152991-10152914;X:-:10152991-10152914;X:-:10152991-10152914	exon=> In CDS Exon 3 of transcript AGAP000577-PD;exon=> In CDS Exon 3 of transcript AGAP000577-PA;exon=> In CDS Exon 2 of transcript AGAP000577-PB;exon=> In CDS Exon 1 of transcript AGAP000577-PC

JHU_Ag_115983	LYDIFK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	33	0.002586388	1	798.441	1.35	Visceras	X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555;X:-:10150699-10151526,10149982-10150555	exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000577-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000577-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP000577-PC
JHU_Ag_116076	SPDEWYKLAK	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	50	0.000155164	1	1236.631	4.39	Malpighian tubule	X:-:10150789-10150760;X:-:10150789-10150760;X:-:10150789-10150760;X:-:10150789-10150760	exon=> In CDS Exon 4 of transcript AGAP000577-PD;exon=> In CDS Exon 4 of transcript AGAP000577-PA;exon=> In CDS Exon 3 of transcript AGAP000577-PB;exon=> In CDS Exon 2 of transcript AGAP000577-PC
JHU_Ag_116376	TNVPDIR	AGAP000577-PD,AGAP000577-PA,AGAP000577-PB,AGAP000577-PC	-	33	0.004300297	2	814.442	-0.03	Midgut	X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708;X:-:10149728-10149708	exon=> In CDS Exon 6 of transcript AGAP000577-PD;exon=> In CDS Exon 6 of transcript AGAP000577-PA;exon=> In CDS Exon 5 of transcript AGAP000577-PB;exon=> In CDS Exon 4 of transcript AGAP000577-PC
JHU_Ag_3580	YRHGATQLNINLLR	AGAP000578-PA	-	33	0.004003917	1	1668.909	-12.33	Ovary	X:-:10170992-10170951	exon=> In CDS Exon 3 of transcript AGAP000578-PA
JHU_Ag_54314	ISAYFK	AGAP000578-PA	-	31	0.004358668	1	728.405	10.36	Head	X:-:10173394-10173377	exon=> In CDS Exon 2 of transcript AGAP000578-PA
JHU_Ag_49366	FLTAYTEPTTGTYVNR	AGAP000579-PA	-	45	0.000546358	2	1833.900	-1.08	Midgut	X:+:10178302-10178349	exon=> In CDS Exon 1 of transcript AGAP000579-PA
JHU_Ag_74794	LEPSGAADSGPGGPATNPL	AGAP000589-PA	-	40	0.001452735	1	1707.799	-11.72	Midgut	X:-:10529407-10529351	exon=> In CDS Exon 2 of transcript AGAP000589-PA
JHU_Ag_12523	NAFVTLEEFAER	AGAP000595-PA	-	61	1.08E-05	2	1425.707	4.05	Pupa	X:-:10648440-10648405	exon=> In CDS Exon 6 of transcript AGAP000595-PA
JHU_Ag_68832	NAFVTLEEFAER	AGAP000595-PA	-	77	2.74E-07	2	1425.703	1.74	Head	X:-:10648440-10648405	exon=> In CDS Exon 6 of transcript AGAP000595-PA
JHU_Ag_20430	MQLDVQQEAAHNLFHK	AGAP000596-PA,AGAP000596-PC	M1(Oxidation), Q2(Deamidated)	44	0.000622479	1	1925.909	-4.31	Head	X:-:10657901-10657854;X:-:10657901-10657854	exon=> In CDS Exon 6 of transcript AGAP000596-PA;exon=> In CDS Exon 6 of transcript AGAP000596-PC
JHU_Ag_31254	FKPGAFYPGVPIQPVLMR	AGAP000596-PA,AGAP000596-PC	M17(Oxidation)	34	0.002676356	1	2033.100	-1.88	Head	X:-:10658529-10658476;X:-:10658529-10658476	exon=> In CDS Exon 4 of transcript AGAP000596-PA;exon=> In CDS Exon 4 of transcript AGAP000596-PC
JHU_Ag_59709	TQLYQTLQNLVR	AGAP000596-PA,AGAP000596-PC	-	66	1.99E-06	2	1476.820	2.4	Head	X:-:10656216-10656181;X:-:10656216-10656181	exon=> In CDS Exon 8 of transcript AGAP000596-PA;exon=> In CDS Exon 8 of transcript AGAP000596-PC
JHU_Ag_90399	AENNQPDEIHYVNPFVHK	AGAP000596-PA,AGAP000596-PC	-	75	5.09E-07	1	2151.026	0.44	Head	X:-:10670487-10670434;X:-:10670487-10670434	exon=> In CDS Exon 1 of transcript AGAP000596-PA;exon=> In CDS Exon 1 of transcript AGAP000596-PC

JHU_Ag_94859	QFTDANSLLTYPQFAER	AGAP000596-PA,AGAP000596-PC	-	94	7.08E-09	2	2000.985	6.8	Head	X:-:10657952-10657902;X:-:10657952-10657902	exon=> In CDS Exon 6 of transcript AGAP000596-PA;exon=> In CDS Exon 6 of transcript AGAP000596-PC
JHU_Ag_100168	ALDIPISDYTFDDCK	AGAP000596-PA,AGAP000596-PC	C14(Carbamidomethyl)	85	3.13E-08	2	1772.807	1.47	Head	X:-:10658206-10658162;X:-:10658206-10658162	exon=> In CDS Exon 5 of transcript AGAP000596-PA;exon=> In CDS Exon 5 of transcript AGAP000596-PC
JHU_Ag_7772	DEEPPAENKT	AGAP000598-PA	-	51	6.05E-05	2	1129.502	0.6	Head	X:-:10676820-10676791	exon=> In CDS Exon 2 of transcript AGAP000598-PA
JHU_Ag_27719	AVFFGGDFVTISK	AGAP000598-PA	-	53	9.19E-05	2	1387.727	0.92	Male reproductive organs	X:-:10677279-10677241	exon=> In CDS Exon 2 of transcript AGAP000598-PA
JHU_Ag_52791	IRPTVQEDGGDIIFMGFDDGVVK	AGAP000598-PA	-	43	0.000669698	3	2508.251	2.77	Visceras	X:-:10677069-10677001	exon=> In CDS Exon 2 of transcript AGAP000598-PA
JHU_Ag_63501	AVFFGGDFVTISK	AGAP000598-PA	-	58	2.41E-05	1	1387.730	3.29	Visceras	X:-:10677279-10677241	exon=> In CDS Exon 2 of transcript AGAP000598-PA
JHU_Ag_100940	AVFFGGDFVTISK	AGAP000598-PA	-	68	2.61E-06	2	1387.728	1.45	Head	X:-:10677279-10677241	exon=> In CDS Exon 2 of transcript AGAP000598-PA
JHU_Ag_102837	GQTMDFPSVSAAQCSPLAK	AGAP000598-PA	M4(Oxidation), C14(Carbamidomethyl)	65	3.36E-06	2	2010.923	-1.32	Male reproductive organs	X:-:10677363-10677307	exon=> In CDS Exon 2 of transcript AGAP000598-PA
JHU_Ag_107713	AVFFGGDFVTISK	AGAP000598-PA	-	48	0.000232016	2	1387.723	-2.16	Midgut	X:-:10677279-10677241	exon=> In CDS Exon 2 of transcript AGAP000598-PA
JHU_Ag_802	LAHETGRVEATVGQADAAVR	AGAP000607-PA	-	168	2.35E-16	1	2051.062	-0.68	Salivary gland	X:-:11074420-11074361	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_3355	LAHETGRVEATVGQADAAVR	AGAP000607-PA	-	69	1.61E-06	1	2051.066	1.52	Visceras	X:-:11074420-11074361	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_3416	HLIEQAWQYGAQLQHELMLTSMESDR	AGAP000607-PA	Q14(Deamidated), M18(Oxidation), M22(Oxidation),M18(Oxidation),M22(Oxidation),"Q12(Deamidated), M18(Oxidation), M22(Oxidation)","M18(Oxidation), M22(Oxidation)"	213	6.24E-21	1	3114.480	0.89	Salivary gland	X:-:11075056-11074979	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_3558	QALDDVKK	AGAP000607-PA	-	52	0.00011825	2	916.509	-1.13	Salivary gland	X:-:11074360-11074337	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_3574	WLAELQAGTFHEVVEFAR	AGAP000607-PA	-	170	1.23E-16	1	2103.077	5.14	Ovary	X:-:11074678-11074625	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_5478	YKPDHAQYEGK	AGAP000607-PA	-	68	2.04E-06	1	1335.635	1.67	Head	X:-:11074723-11074691	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_7081	VEEPLYETLKQQWSAEGLDR	AGAP000607-PA	-	102	8.51E-10	1	2391.184	0.36	Salivary gland	X:-:11074600-11074541	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_8203	LFEQFKYQR	AGAP000607-PA	Q8(Deamidated)	56	3.80E-05	1	1258.658	0.26	Salivary gland	X:-:11074336-11074310	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_8787	VNVLQVSLQHDLPNLQEMVGEQR	AGAP000607-PA	-	145	2.57E-14	1	2646.377	3.8	Visceras	X:-:11075125-11075057	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_12411	ALLETLLQHQGEQNNDVYLIR	AGAP000607-PA	-	111	5.99E-11	1	2467.306	4.65	Malpighian tubule	X:-:11074483-11074421	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_13595	LPAYLSEVSARVNVLQVSLQHDLPNLQEMVGEQR	AGAP000607-PA	M29(Oxidation)	155	1.73E-15	1	3849.004	2.02	Salivary gland	X:-:11075158-11075057	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_13984	VNVLQVSLQHDLPNLQEMVGEQR	AGAP000607-PA	M18(Oxidation)	155	2.37E-15	1	2662.379	6.56	Head	X:-:11075125-11075057	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_14205	DYPEYFAR	AGAP000607-PA	-	63	3.08E-06	1	1060.473	-0.37	Salivary gland	X:-:11074624-11074601	exon=> In CDS Exon 1 of transcript AGAP000607-PA

JHU_Ag_15256	ALLETLLQHQGEQNNDVYLIR	AGAP000607-PA	N15(Deamidated),N14(Deamidated)	177	1.45E-17	1	2467.301	2.87	Visceras	X:-:11074483-11074421	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_15311	VEATVGQADAAVR	AGAP000607-PA	-	119	1.78E-11	1	1286.670	0.18	Head	X:-:11074399-11074361	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_15938	LAACVVSEHEQAYR	AGAP000607-PA	C4(Carbamidomethyl),Q11(Deamidated),C4(Carbamidomethyl)	127	2.98E-12	1	1632.781	0.84	Salivary gland	X:-:11075269-11075228	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_16977	FPAVIFSTDVR	AGAP000607-PA	-	60	9.33E-06	2	1251.672	-0.68	Visceras	X:-:11074771-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_17039	MVSFPNALPVGVQR	AGAP000607-PA	N6(Deamidated),"M1(Oxidation),N6(Deamidated)",M1(Oxidation)	102	6.93E-10	1	1514.816	1.01	Salivary gland	X:-:11074540-11074499	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_25288	YKPDHAQYEGKVVER	AGAP000607-PA	-	77	2.92E-07	1	1818.911	-1.09	Head	X:-:11074723-11074679	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_29469	MVSFPNALPVGVQR	AGAP000607-PA	M1(Oxidation)	65	3.99E-06	1	1530.819	5.7	Ovary	X:-:11074540-11074499	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_29519	GLPESSDKLEACGQHYGALLK	AGAP000607-PA	C12(Carbamidomethyl),Q14(Deamidated),C12(Carbamidomethyl)	135	4.63E-13	1	2273.124	0.53	Salivary gland	X:-:11075377-11075315	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_29639	ASTTWNEKECNGSTK	AGAP000607-PA	C10(Carbamidomethyl),N11(Deamidated),C10(Carbamidomethyl),"N6(Deamidated),C10(Carbamidomethyl)"	109	8.88E-11	1	1712.758	1.82	Salivary gland	X:-:11075314-11075270	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_33526	QQWSAEGLDR	AGAP000607-PA	-	47	0.000257918	2	1189.561	1.49	Visceras	X:-:11074570-11074541	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_33693	SNGQDGRFPAVIFSTDVR	AGAP000607-PA	Q4(Deamidated),N2(Deamidated)	110	1.70E-10	1	1966.968	3.13	Salivary gland	X:-:11074792-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_34432	SNGQDGRFPAVIFSTDVR	AGAP000607-PA	-	104	5.34E-10	1	1965.976	-0.68	Head	X:-:11074792-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_34433	VNVLQVSLQHDLPNLQEMVGEQR	AGAP000607-PA	M18(Oxidation),"Q5(Deamidated),M18(Oxidation)","Q9(Deamidated),M18(Oxidation)","N14(Deamidated),M18(Oxidation)","M18(Oxidation),Q22(Deamidated)","Q16(Deamidated),M18(Oxidation)","N2(Deamidated),M18(Oxidation)"	212	6.46E-21	1	2646.372	1.79	Salivary gland	X:-:11075125-11075057	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_41883	WLAELQAGTFHEVVEFAR	AGAP000607-PA	-	60	1.35E-05	1	2103.070	2.17	Malpighian tubule	X:-:11074678-11074625	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_42016	LAACVVSEHEQAYR	AGAP000607-PA	C4(Carbamidomethyl)	113	7.29E-11	1	1632.782	1.36	Visceras	X:-:11075269-11075228	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_42543	WLAELQAGTFHEVVEFAR	AGAP000607-PA	-	75	4.81E-07	1	2103.070	2	Visceras	X:-:11074678-11074625	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_43468	GFPDYEALYK	AGAP000607-PA	-	37	0.002469314	2	1202.574	0.67	Visceras	X:-:11074309-11074280	exon=> In CDS Exon 1 of transcript AGAP000607-PA

JHU_Ag_44413	FPAVIFSTDVR	AGAP000607-PA	-	82	6.75E-08	1	1251.679	4.39	Ovary	X:-:11074771-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_46030	QQWSAEGLDR	AGAP000607-PA	-	46	0.000354887	2	1189.560	0.46	Head	X:-:11074570-11074541	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_49895	VEEPLYETLK	AGAP000607-PA	-	60	1.58E-05	1	1220.647	5.18	Ovary	X:-:11074600-11074571	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_51716	ESYQTHGADGR	AGAP000607-PA	-	67	1.21E-06	1	1220.531	1.61	Salivary gland	X:-:11074915-11074883	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_51750	VNAIYEK	AGAP000607-PA	N2(Deamidated)	58	1.83E-05	2	836.451	0.08	Salivary gland	X:-:11075179-11075159	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_52475	CQEAHDER	AGAP000607-PA	C1(Carbamidomethyl),"C1 (Carbamidomethyl), Q2(Deamidated)"	44	6.92E-05	1	1044.416	-0.53	Salivary gland	X:-:11075212-11075189	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_54485	LPAYLSEVSAR	AGAP000607-PA	-	69	1.69E-06	1	1205.653	0	Visceras	X:-:11075158-11075126	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_55212	LPAYLSEVSAR	AGAP000607-PA	-	69	1.53E-06	1	1205.651	-1.62	Head	X:-:11075158-11075126	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_57605	WLAELQAGTFHEVVEFAR	AGAP000607-PA	-	85	3.86E-08	1	2103.072	3.04	Head	X:-:11074678-11074625	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_59031	LAHETGRVEATVGQADAAVR	AGAP000607-PA	-	119	1.72E-11	1	2051.066	1.28	Malpighian tubule	X:-:11074420-11074361	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_59463	VNAIYEK	AGAP000607-PA	-	47	0.000203387	2	836.452	1.11	Visceras	X:-:11075179-11075159	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_62076	FPAVIFSTDVR	AGAP000607-PA	-	67	1.98E-06	1	1251.674	0.69	Head	X:-:11074771-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_62114	VNAIYEK	AGAP000607-PA	-	54	4.77E-05	2	836.452	0.3	Head	X:-:11075179-11075159	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_63717	YKPDHAQYEGK	AGAP000607-PA	-	73	7.35E-07	1	1335.638	3.78	Salivary gland	X:-:11074723-11074691	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_66309	GLPESSDKLEACGQHYGALLK	AGAP000607-PA	C12(Carbamidomethyl)	88	2.46E-08	1	2273.123	-0.11	Head	X:-:11075377-11075315	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_66673	DYPEYFAR	AGAP000607-PA	-	40	0.000605166	1	1060.472	-1.22	Head	X:-:11074624-11074601	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_69880	VAVYKQLAELLK	AGAP000607-PA	-	83	5.15E-09	1	1374.840	3.32	Salivary gland	X:-:11074828-11074793	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_71146	VEEPLYETLK	AGAP000607-PA	-	73	5.24E-07	1	1220.653	9.98	Salivary gland	X:-:11074600-11074571	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_73381	GFPDYEALYK	AGAP000607-PA	-	85	3.49E-08	1	1202.575	1.38	Salivary gland	X:-:11074309-11074280	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_73523	MVSFPNALPVGVQR	AGAP000607-PA	M1(Oxidation)	82	7.07E-08	1	1514.815	-0.25	Head	X:-:11074540-11074499	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_74170	LAACVVSEHEQAYRELK	AGAP000607-PA	C4(Carbamidomethyl)	51	0.00012247	1	2003.010	4.17	Salivary gland	X:-:11075269-11075219	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_75075	LPAYLSEVSAR	AGAP000607-PA	-	64	3.90E-06	1	1205.658	4.86	Ovary	X:-:11075158-11075126	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_76038	FPAVIFSTDVR	AGAP000607-PA	-	57	2.19E-05	2	1251.677	2.83	Malpighian tubule	X:-:11074771-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_76139	LPAYLSEVSAR	AGAP000607-PA	-	79	1.61E-07	1	1205.655	1.72	Salivary gland	X:-:11075158-11075126	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_76392	KLFEQFK	AGAP000607-PA	-	54	2.28E-05	1	939.530	-0.11	Salivary gland	X:-:11074339-11074319	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_76949	VEEPLYETLK	AGAP000607-PA	-	38	0.002488282	1	1220.635	-4.96	Head	X:-:11074600-11074571	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_77661	ESYQTHGADGR	AGAP000607-PA	-	56	1.60E-05	2	1220.524	-4.09	Head	X:-:11074915-11074883	exon=> In CDS Exon 1 of transcript AGAP000607-PA

JHU_Ag_80891	DYPEYFARVEEPLYETLK	AGAP000607-PA	-	49	0.000168705	1	2262.102	2.39	Salivary gland	X:-:11074624-11074571	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_81842	LAHETGR	AGAP000607-PA	-	42	0.00076875	2	783.411	-0.23	Salivary gland	X:-:11074420-11074400	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_84359	LEACGQHYGALLK	AGAP000607-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl),Q6(Deamidated)"	91	1.34E-08	2	1459.740	2.25	Head	X:-:11075353-11075315	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_87154	YKPDHAQYEGK	AGAP000607-PA	-	46	0.000330269	2	1335.635	1.49	Visceras	X:-:11074723-11074691	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_87387	LEACGQHYGALLK	AGAP000607-PA	C4(Carbamidomethyl)	104	6.72E-10	1	1459.740	2.25	Salivary gland	X:-:11075353-11075315	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_90041	LAHETGR	AGAP000607-PA	-	34	0.004658199	2	783.410	-1.24	Head	X:-:11074420-11074400	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_91969	LLPGADER	AGAP000607-PA	-	44	0.000313394	2	870.468	0.06	Salivary gland	X:-:11074852-11074829	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_98360	FPAVIFSTDVR	AGAP000607-PA	-	77	2.23E-07	1	1251.673	-0.58	Salivary gland	X:-:11074771-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_100245	ALLETLLQHQGEQNNDVYLIR	AGAP000607-PA	N15(Deamidated),N14(Deamidated),"N14(Deamidated),N15(Deamidated)","Q13(Deamidated),N15(Deamidated)","Q13(Deamidated),N14(Deamidated)",Q13(Deamidated)	195	2.52E-19	1	2467.293	-0.55	Salivary gland	X:-:11074483-11074421	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_100314	VNAIYEKLPAYLSEVSAR	AGAP000607-PA	N2(Deamidated)	126	1.64E-12	1	2023.088	1.05	Salivary gland	X:-:11075179-11075126	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_100918	MVSFPNALPVGVQR	AGAP000607-PA	M1(Oxidation)	57	2.47E-05	1	1514.817	1.12	Malpighian tubule	X:-:11074540-11074499	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_101690	ALLETLLQHQGEQNNDVYLIR	AGAP000607-PA	-	200	6.91E-20	1	2467.308	5.83	Ovary	X:-:11074483-11074421	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_102276	DYPEYFAR	AGAP000607-PA	-	33	0.002244895	2	1060.472	-1.4	Visceras	X:-:11074624-11074601	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_103214	VEATVGQADAAVR	AGAP000607-PA	-	122	8.98E-12	1	1286.667	-2.48	Salivary gland	X:-:11074399-11074361	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_104290	ALLETLLQHQGEQNNDVYLIR	AGAP000607-PA	Q10(Deamidated),Q8(Deamidated),N15(Deamidated),N14(Deamidated),Q13(Deamidated)	190	7.35E-19	1	2467.305	4.35	Head	X:-:11074483-11074421	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_104765	LFEQFK	AGAP000607-PA	-	36	0.002296149	2	811.432	-3.43	Head	X:-:11074336-11074319	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_106830	LAACVVSEHEQAYR	AGAP000607-PA	C4(Carbamidomethyl),Q11(Deamidated),C4(Carbamidomethyl)	128	2.06E-12	1	1632.780	0.24	Head	X:-:11075269-11075228	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_109962	LAHETGRVEATVGQADAAVR	AGAP000607-PA	-	133	7.13E-13	1	2051.060	-1.57	Head	X:-:11074420-11074361	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_110148	SNGQDGRFPAVIFSTDVR	AGAP000607-PA	-	79	1.98E-07	1	1965.982	2.21	Visceras	X:-:11074792-11074739	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_111402	LFEQFK	AGAP000607-PA	-	38	0.001741941	2	811.435	0.03	Salivary gland	X:-:11074336-11074319	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_113389	QQWSAEGLDR	AGAP000607-PA	-	59	1.69E-05	2	1189.558	-1.7	Salivary gland	X:-:11074570-11074541	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_115646	WLAELQAGTFHEVVEFAR	AGAP000607-PA	Q6(Deamidated)	178	2.16E-17	1	2103.076	5.02	Salivary gland	X:-:11074678-11074625	exon=> In CDS Exon 1 of transcript AGAP000607-PA

JHU_Ag_116207	VEATVGQADAAVR	AGAP000607-PA	-	110	1.51E-10	1	1286.671	0.94	Visceras	X:-:11074399-11074361	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_117237	QALDDVK	AGAP000607-PA	-	62	1.60E-05	2	788.415	-0.07	Salivary gland	X:-:11074360-11074340	exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_58545	QLAELLK	AGAP000607-PA,AGAP011353-PA	-	36	0.002009816	2	814.504	0.4	Visceras	X:-:11074813-11074793;3L:+:21676584-21676604	exon=> In CDS Exon 1 of transcript AGAP000607-PA;exon=> In CDS Exon 1 of transcript AGAP011353-PA
JHU_Ag_225	TYLHMIK	AGAP000609-PA	M5(Oxidation)	50	0.000102641	1	905.491	-0.59	Salivary gland	X:+:11076905-11076925	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_1841	LNHWHDDHPFLLETVAK	AGAP000609-PA	N2(Deamidated)	126	3.49E-12	1	2072.041	2.7	Salivary gland	X:+:11076023-11076073	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_3644	LNHWHDDHPFLLETVAK	AGAP000609-PA	-	107	2.89E-10	1	2072.042	3.23	Head	X:+:11076023-11076073	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_6137	AHLEEILPTLALETEK	AGAP000609-PA	-	129	1.11E-12	1	1806.986	0.65	Salivary gland	X:+:11076743-11076790	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_7537	FAAIEQLLK	AGAP000609-PA	-	49	4.42E-05	2	1032.612	2.55	Visceras	X:+:11076680-11076706	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_7690	SSAELVR	AGAP000609-PA	-	73	9.34E-07	2	761.417	1.97	Salivary gland	X:+:11076821-11076841	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_10083	FAAIEQLLK	AGAP000609-PA	-	63	3.62E-06	1	1032.608	-0.88	Salivary gland	X:+:11076680-11076706	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_12444	KQLIYSIEAGR	AGAP000609-PA	-	36	0.001745105	2	1277.718	-2.21	Head	X:+:11076155-11076187	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_14991	LFEIASLFK	AGAP000609-PA	-	63	2.55E-06	1	1067.619	4.77	Ovary	X:+:11076638-11076664	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_19011	GQWKPDQIVSAIQDGYHVNPTIMEHLLEFVR	AGAP000609-PA	M23(Oxidation)	224	2.71E-22	1	3620.841	2.54	Salivary gland	X:+:11076224-11076316	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_20913	WNTNTYR	AGAP000609-PA	-	42	0.000615097	2	954.444	0.87	Salivary gland	X:+:11076884-11076904	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_23181	ACDGEAILKPYLALYQQCR	AGAP000609-PA	C2(Carbamidomethyl), C18(Carbamidomethyl)	89	2.11E-08	1	2269.115	2.12	Visceras	X:+:11075918-11075974	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_23225	LVPELQR	AGAP000609-PA	-	37	0.00084616	2	854.509	-0.53	Salivary gland	X:+:11076134-11076154	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_24012	DNFLFR	AGAP000609-PA	-	42	0.000653676	1	811.412	2.23	Salivary gland	X:+:11076005-11076022	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_25491	AIGPVIR	AGAP000609-PA	-	44	6.98E-05	1	725.471	6.01	Salivary gland	X:+:11076356-11076376	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_27018	DDYISQPLTVFVHMLR	AGAP000609-PA	M14(Oxidation)	131	1.28E-12	1	1933.988	2.18	Salivary gland	X:+:11076458-11076505	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_33587	KQLIYSIEAGR	AGAP000609-PA	-	87	1.39E-08	1	1277.721	0.17	Salivary gland	X:+:11076155-11076187	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_34023	LEDAHILHMTLK	AGAP000609-PA	M9(Oxidation)	102	7.34E-10	1	1420.764	1.64	Salivary gland	X:+:11076188-11076223	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_34688	FPRYYSLHIEQIFFFAPPHWQK	AGAP000609-PA	-	86	2.00E-08	1	2851.465	4.84	Salivary gland	X:+:11076557-11076622	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_36390	AALESEQDAHR	AGAP000609-PA	-	91	8.28E-09	1	1226.579	2.42	Salivary gland	X:+:11076092-11076124	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_37291	LFEIASLFK	AGAP000609-PA	-	33	0.002148068	1	1067.616	1.86	Head	X:+:11076638-11076664	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_37493	LFEIASLFK	AGAP000609-PA	-	54	1.80E-05	2	1067.618	4.54	Malpighian tubule	X:+:11076638-11076664	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_38775	ACDGEAILKPYLALYQQCR	AGAP000609-PA	C2(Carbamidomethyl), C18(Carbamidomethyl)	105	5.75E-10	1	2269.121	4.7	Head	X:+:11075918-11075974	exon=> In CDS Exon 1 of transcript AGAP000609-PA

JHU_Ag_40726	ACDGEAILKPYLALYQQCR	AGAP000609-PA	C2(Carbamidomethyl), C18(Carbamidomethyl),"C 2(Carbamidomethyl), Q16(Deamidated), C18(Carbamidomethyl)"	139	2.07E-13	1	2269.115	2.01	Salivary gland	X:+:11075918-11075974	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_42948	DNFLFR	AGAP000609-PA	-	41	0.000878629	2	811.411	1.08	Visceras	X:+:11076005-11076022	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_43187	WAHQYAPMR	AGAP000609-PA	M8(Oxidation)	64	3.84E-06	1	1175.542	0.03	Salivary gland	X:+:11076707-11076733	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_46865	LVPELQRK	AGAP000609-PA	-	30	0.002410827	1	982.605	0.54	Salivary gland	X:+:11076134-11076157	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_50799	AHLEEILPTLALETEK	AGAP000609-PA	-	44	0.000242524	1	1806.994	5.1	Ovary	X:+:11076743-11076790	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_52172	RLFEIASLFK	AGAP000609-PA	-	58	4.95E-06	1	1223.717	2.03	Salivary gland	X:+:11076635-11076664	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_55172	DRDDYISQPLTVFVHMLR	AGAP000609-PA	M16(Oxidation)	161	9.89E-16	1	2205.114	0.68	Salivary gland	X:+:11076452-11076505	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_55567	AALESEQDAHR	AGAP000609-PA	-	87	1.91E-08	1	1226.573	-2.76	Head	X:+:11076092-11076124	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_58986	AYEPLKAALESEQDAHR	AGAP000609-PA	-	123	8.01E-12	1	1927.951	-0.16	Salivary gland	X:+:11076074-11076124	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_61124	LTLTYVTLLFAGDATGVFDTRK	AGAP000609-PA	-	89	6.03E-09	1	2402.309	5.02	Ovary	X:+:11076386-11076451	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_62242	RLFEIASLFK	AGAP000609-PA	-	32	0.002003651	2	1223.717	1.53	Visceras	X:+:11076635-11076664	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_65820	ANLRDNFLFR	AGAP000609-PA	-	55	3.82E-05	1	1265.675	-0.01	Salivary gland	X:+:11075993-11076022	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_70684	YYSLHIEQIFFFAPPHWQK	AGAP000609-PA	-	132	8.54E-13	1	2451.224	-1.73	Salivary gland	X:+:11076566-11076622	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_73578	AHLEEILPTLALETEK	AGAP000609-PA	-	105	2.66E-10	1	1806.986	0.85	Head	X:+:11076743-11076790	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_73765	LTLTYVTLLFAGDATGVFDTR	AGAP000609-PA	-	166	2.60E-16	1	2274.221	8.39	Salivary gland	X:+:11076386-11076448	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_75706	AHLEEILPTLALETEK	AGAP000609-PA	-	69	8.37E-07	2	1806.987	1.46	Visceras	X:+:11076743-11076790	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_78091	DRWNTNTYR	AGAP000609-PA	-	63	7.02E-06	1	1225.573	1.86	Salivary gland	X:+:11076878-11076904	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_80568	LFEIASLFK	AGAP000609-PA	-	60	4.14E-06	2	1067.616	2.37	Visceras	X:+:11076638-11076664	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_80825	FAAIEQLLK	AGAP000609-PA	-	51	4.63E-05	2	1032.609	0.19	Head	X:+:11076680-11076706	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_85687	DNFLFR	AGAP000609-PA	-	43	0.000584383	2	811.411	1.01	Head	X:+:11076005-11076022	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_98339	AYEPLKAALESEQDAHR	AGAP000609-PA	-	34	0.005895501	1	1927.947	-2.16	Malpighian tubule	X:+:11076074-11076124	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_100003	LFEIASLFK	AGAP000609-PA	-	77	8.42E-08	1	1067.612	-1.75	Salivary gland	X:+:11076638-11076664	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_108657	QLIYSIEAGR	AGAP000609-PA	-	65	3.17E-06	2	1149.630	3.59	Salivary gland	X:+:11076158-11076187	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_109816	LNHWHDDHPFLLETVAK	AGAP000609-PA	-	73	8.17E-07	1	2072.041	3.05	Visceras	X:+:11076023-11076073	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_111407	AHLEEILPTLALETEKLR	AGAP000609-PA	-	117	5.12E-12	1	2076.167	-1.56	Salivary gland	X:+:11076743-11076796	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_115153	QLIYSIEAGRLEDAHILHMTLK	AGAP000609-PA	M19(Oxidation)	108	8.18E-11	1	2551.369	-0.46	Salivary gland	X:+:11076158-11076223	exon=> In CDS Exon 1 of transcript AGAP000609-PA

JHU_Ag_116322	FAAIEQLLK	AGAP000609-PA	-	46	9.49E-05	1	1032.614	5.39	Ovary	X:+:11076680-11076706	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_117703	LEDAHILHMTLK	AGAP000609-PA	M9(Oxidation)	73	6.29E-07	1	1436.758	0.99	Head	X:+:11076188-11076223	exon=> In CDS Exon 1 of transcript AGAP000609-PA
JHU_Ag_3144	DGYVAAVYALSVR	AGAP000610-PA	-	120	1.24E-11	1	1383.729	1.93	Salivary gland	X:+:11078047-11078085	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_5823	DGYVAAVYALSVREDLPVYQANR	AGAP000610-PA	-	182	8.20E-18	1	2569.306	0.42	Salivary gland	X:+:11078047-11078115	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_6259	NYQHYLSESR	AGAP000610-PA	-	45	0.000387394	2	1296.597	0.26	Visceras	X:+:11078521-11078550	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_9102	QYAATLEEQLHAAQQETQQEQEMKK	AGAP000610-PA	M23(Oxidation),"Q1(Deamidated), M23(Oxidation)"	201	1.09E-19	1	2960.411	1.81	Salivary gland	X:+:11077666-11077740	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_9341	VLLSQIGDREK	AGAP000610-PA	-	76	2.54E-07	1	1257.714	-1.71	Visceras	X:+:11078344-11078376	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_14572	QMEQEHR	AGAP000610-PA	M2(Oxidation)	30	0.003797335	2	973.418	2.62	Head	X:+:11077645-11077665	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_14587	DGYVAAVYALSVR	AGAP000610-PA	-	51	7.58E-05	2	1383.740	9.79	Visceras	X:+:11078047-11078085	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_15382	LKEQVANGNFK	AGAP000610-PA	N7(Deamidated)	72	1.03E-06	1	1248.659	0.52	Head	X:+:11078155-11078187	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_16931	RSLYQLAQR	AGAP000610-PA	-	32	0.006598816	3	1134.635	-2.53	Head	X:+:11077993-11078019	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_18065	VLLSQIGDR	AGAP000610-PA	-	45	0.000410375	2	1000.578	-0.2	Visceras	X:+:11078344-11078370	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_20152	DGYVAAVYALSVR	AGAP000610-PA	-	79	1.46E-07	2	1383.729	1.49	Malpighian tubule	X:+:11078047-11078085	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_20687	NYQHYLSESR	AGAP000610-PA	N1(Deamidated),Q3(Deamidated)	63	5.88E-06	1	1296.591	-4.82	Head	X:+:11078521-11078550	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_21866	LHEQIVR	AGAP000610-PA	-	49	9.10E-05	1	894.516	0.41	Salivary gland	X:+:11077885-11077905	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_25899	KQLEELR	AGAP000610-PA	-	52	0.000117904	2	915.525	-0.65	Salivary gland	X:+:11078470-11078490	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_26638	QALSYYNLMPASMPIDK	AGAP000610-PA	M9(Oxidation), M13(Oxidation),M9(Oxidation)	101	1.42E-09	1	1973.935	0.04	Head	X:+:11077834-11077884	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_27178	VLLSQIGDREK	AGAP000610-PA	Q5(Deamidated)	91	8.36E-09	1	1257.716	0.23	Salivary gland	X:+:11078344-11078376	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_27213	DIPSVEER	AGAP000610-PA	-	37	0.001737966	1	944.468	-0.54	Head	X:+:11077969-11077992	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_28040	QLQTSLATIELK	AGAP000610-PA	-	59	5.44E-06	2	1344.773	-0.45	Visceras	X:+:11078230-11078265	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_30045	LLNLMR	AGAP000610-PA	M5(Oxidation)	38	0.001841105	2	775.449	-0.95	Head	X:+:11077942-11077959	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_31211	FATFAK	AGAP000610-PA	-	35	0.001628327	1	684.372	0.64	Salivary gland	X:+:11078497-11078514	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_34540	SLYQLAQR	AGAP000610-PA	-	40	0.001043187	1	978.537	0.62	Malpighian tubule	X:+:11077996-11078019	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_35643	QYAATLEEQLHAAQQETQQEQEMK	AGAP000610-PA	M23(Oxidation)	180	1.26E-17	1	2832.311	-0.02	Salivary gland	X:+:11077666-11077737	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_36463	FVPYANALPQPAQRLEVLR	AGAP000610-PA	-	54	1.82E-05	1	2182.215	1.01	Salivary gland	X:+:11078287-11078343	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_38500	QLDALTDSR	AGAP000610-PA	-	41	0.001441415	2	1018.515	-1.38	Visceras	X:+:11077753-11077779	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_40422	NYQHYLSESRK	AGAP000610-PA	-	39	0.002166359	1	1424.692	0.07	Head	X:+:11078521-11078553	exon=> In CDS Exon 1 of transcript AGAP000610-PA

JHU_Ag_40529	GKVDQAVK	AGAP000610-PA	-	47	0.000454422	2	844.489	-0.13	Salivary gland	X:+:11078446-11078469	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_42350	ALQKQLDALTDSR	AGAP000610-PA	-	84	4.99E-08	2	1458.791	0.02	Salivary gland	X:+:11077741-11077779	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_42540	VLLSQIGDR	AGAP000610-PA	Q5(Deamidated)	79	1.76E-07	2	1000.579	0.47	Head	X:+:11078344-11078370	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_44468	VTIYQDQR	AGAP000610-PA	-	40	0.001147903	2	1022.528	1.47	Ovary	X:+:11077918-11077941	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_44773	QFDICEQFIGR	AGAP000610-PA	C5(Carbamidomethyl)	88	2.30E-08	2	1412.667	2.76	Head	X:+:11078413-11078445	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_45883	EDLPVYQANR	AGAP000610-PA	-	63	8.52E-06	2	1204.594	-1.19	Head	X:+:11078086-11078115	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_47130	QYAATLEEQLHAAQQETQQEQEMKK	AGAP000610-PA	-	98	2.28E-09	1	2960.410	1.36	Viscera	X:+:11077666-11077740	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_48865	FVPYANALPQPAQR	AGAP000610-PA	-	85	4.25E-08	1	1571.832	-0.48	Head	X:+:11078287-11078328	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_49944	NYQHYLSESRK	AGAP000610-PA	-	61	1.26E-05	1	1424.692	0.24	Salivary gland	X:+:11078521-11078553	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_50738	SLHGGSMQPDGTCDNLWESFLSQFHQVR	AGAP000610-PA	M7(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	84	4.42E-08	1	3233.462	2.92	Viscera	X:+:11077465-11077548	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_51078	QYAATLEEQLHAAQQETQQEQEMKK	AGAP000610-PA	M23(Oxidation)	54	5.01E-05	1	2976.400	-0.06	Head	X:+:11077666-11077740	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_54116	QLYDDLVR	AGAP000610-PA	-	67	3.29E-06	2	1021.533	1.59	Head	X:+:11078116-11078139	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_55999	GKFATFAK	AGAP000610-PA	-	38	0.000926574	1	869.489	0.66	Salivary gland	X:+:11078491-11078514	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_60402	VTIYQDQR	AGAP000610-PA	-	57	2.82E-05	1	1022.524	-2.23	Viscera	X:+:11077918-11077941	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_61599	DGYVAAVYALSVR	AGAP000610-PA	-	107	2.38E-10	2	1383.730	2.11	Head	X:+:11078047-11078085	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_62607	QALSYYNLMPASMPIDKLHEQIVR	AGAP000610-PA	M9(Oxidation), M13(Oxidation),M9(Oxidation),M13(Oxidation)	132	9.15E-13	1	2849.430	-0.78	Salivary gland	X:+:11077834-11077905	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_64358	SLYQLAQR	AGAP000610-PA	-	45	0.00035431	1	978.535	-2.12	Head	X:+:11077996-11078019	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_64824	AAAGPAPDPSSQFCQQLLDDAQR	AGAP000610-PA	C14(Carbamidomethyl)	102	8.34E-10	1	2443.131	0.15	Viscera	X:+:11077576-11077644	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_67443	DIPSVEER	AGAP000610-PA	-	46	0.000231229	1	944.468	-0.41	Salivary gland	X:+:11077969-11077992	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_68540	SLYQLAQR	AGAP000610-PA	-	55	3.54E-05	1	978.536	-0.87	Salivary gland	X:+:11077996-11078019	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_70444	GKNYQHYLSESR	AGAP000610-PA	-	78	2.42E-07	1	1481.716	1.81	Head	X:+:11078515-11078550	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_70746	SLHGGSMQPDGTCDNLWESFLSQFHQVR	AGAP000610-PA	M7(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	135	2.89E-13	1	3249.450	0.81	Head	X:+:11077465-11077548	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_73710	QLQTSLATIELK	AGAP000610-PA	Q1(Deamidated),Q3(Deamidated)	80	4.03E-08	1	1344.774	0.73	Salivary gland	X:+:11078230-11078265	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_73712	DIPSVEERR	AGAP000610-PA	-	48	0.000163531	1	1100.567	-1.9	Salivary gland	X:+:11077969-11077995	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_73800	NALYIDLLLANIAIGETK	AGAP000610-PA	-	80	2.52E-08	2	1945.104	1.99	Head	X:+:11077780-11077833	exon=> In CDS Exon 1 of transcript AGAP000610-PA

JHU_Ag_73925	LHEQIVR	AGAP000610-PA	-	54	2.23E-05	1	894.512	-4.09	Head	X:+:11077885-11077905	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_74059	NALYIDLLLANIAIGETK	AGAP000610-PA	-	140	2.81E-14	1	1945.103	1.05	Salivary gland	X:+:11077780-11077833	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_75064	QYAATLEEQLHAAQQETQQEQEMK	AGAP000610-PA	-	177	2.53E-17	1	2832.310	-0.09	Visceras	X:+:11077666-11077737	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_75910	QYAATLEEQLHAAQQETQQEQEMK	AGAP000610-PA	M23(Oxidation)	125	3.01E-12	1	2848.309	1.1	Head	X:+:11077666-11077737	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_76269	QAAELAAR	AGAP000610-PA	-	74	4.56E-07	2	829.454	1.98	Salivary gland	X:+:11078188-11078211	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_76405	NYQHYLSESR	AGAP000610-PA	N1(Deamidated)	73	5.34E-07	2	1296.597	0.36	Salivary gland	X:+:11078521-11078550	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_78067	SLHGGSMQPDGTCDNLWESFLSQFHQVR	AGAP000610-PA	M7(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	216	2.82E-21	1	3233.459	1.92	Salivary gland	X:+:11077465-11077548	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_79344	QLEELRGK	AGAP000610-PA	-	42	0.000982037	1	972.545	-2.17	Salivary gland	X:+:11078473-11078496	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_82799	VLLSQIGDR	AGAP000610-PA	-	82	8.17E-08	2	1000.578	-0.27	Salivary gland	X:+:11078344-11078370	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_84891	ENLTACQER	AGAP000610-PA	C6(Carbamidomethyl)	67	1.89E-06	2	1120.506	0.74	Salivary gland	X:+:11077549-11077575	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_86075	LKEQVANGNFK	AGAP000610-PA	N7(Deamidated),N9(Deamidated)	91	1.03E-08	1	1247.674	-0.65	Salivary gland	X:+:11078155-11078187	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_89299	SLYQLAQR	AGAP000610-PA	-	46	0.00029459	2	978.536	-0.5	Visceras	X:+:11077996-11078019	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_89889	LKEQVANGNFK	AGAP000610-PA	-	54	4.20E-05	1	1247.677	2.09	Ovary	X:+:11078155-11078187	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_90185	FVRDIPSVEER	AGAP000610-PA	-	49	0.000187978	1	1346.706	-0.01	Salivary gland	X:+:11077960-11077992	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_91125	AAAGPAPDPSSQFCQQLLDDAQR	AGAP000610-PA	C14(Carbamidomethyl),"Q12(Deamidated), C14(Carbamidomethyl)"	154	5.63E-15	1	2443.127	-1.35	Head	X:+:11077576-11077644	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_91698	QLDALTDSR	AGAP000610-PA	-	62	9.64E-06	2	1018.516	-0.31	Head	X:+:11077753-11077779	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_92616	EQVANGNFK	AGAP000610-PA	-	37	0.003439678	1	1006.495	-0.24	Head	X:+:11078161-11078187	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_93945	FVPYANALPQPAQR	AGAP000610-PA	-	59	1.34E-05	1	1571.834	0.38	Visceras	X:+:11078287-11078328	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_96741	QLYDDLVR	AGAP000610-PA	-	67	3.66E-06	2	1021.529	-1.94	Salivary gland	X:+:11078116-11078139	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_97049	LKEQVANGNFK	AGAP000610-PA	-	56	2.75E-05	1	1247.675	0.33	Visceras	X:+:11078155-11078187	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_97633	EQVANGNFK	AGAP000610-PA	N5(Deamidated)	59	1.75E-05	1	1007.481	2.07	Salivary gland	X:+:11078161-11078187	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_98043	RSLYQLAQR	AGAP000610-PA	-	60	9.55E-06	1	1134.637	-0.74	Salivary gland	X:+:11077993-11078019	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_98893	QALSYYNLMPASMPIDK	AGAP000610-PA	M9(Oxidation), M13(Oxidation),"Q1(Deamidated), M9(Oxidation), M13(Oxidation)",M9(Oxidation),M13(Oxidation)	121	1.13E-11	1	1957.935	-2.56	Salivary gland	X:+:11077834-11077884	exon=> In CDS Exon 1 of transcript AGAP000610-PA

JHU_Ag_104514	VTIYQDQR	AGAP000610-PA	-	53	7.04E-05	1	1022.526	-0.98	Head	X:+:11077918-11077941	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_104798	QFDICEQFIGR	AGAP000610-PA	C5(Carbamidomethyl)	88	2.32E-08	2	1412.664	0.86	Visceras	X:+:11078413-11078445	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_104955	FDRFVPYANALPQPAQR	AGAP000610-PA	-	52	7.31E-05	1	1990.029	-0.17	Salivary gland	X:+:11078278-11078328	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_106056	VTIYQDQR	AGAP000610-PA	-	69	1.66E-06	2	1022.528	1.23	Salivary gland	X:+:11077918-11077941	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_106271	QFDICEQFIGR	AGAP000610-PA	C5(Carbamidomethyl), Q7(Deamidated),"Q1(Deamidated), C5(Carbamidomethyl)",C5(Carbamidomethyl)	81	1.12E-07	2	1412.663	-0.01	Salivary gland	X:+:11078413-11078445	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_106298	LEVLRVLLSQIGDR	AGAP000610-PA	-	70	0.000000155	1	1610.962	1.74	Salivary gland	X:+:11078329-11078370	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_106910	VLLSQIGDREK	AGAP000610-PA	-	45	0.000283643	1	1257.719	2.46	Ovary	X:+:11078344-11078376	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_109202	QLDALTDSR	AGAP000610-PA	-	62	1.02E-05	2	1018.515	-1.32	Salivary gland	X:+:11077753-11077779	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_109925	LLNLMR	AGAP000610-PA	M5(Oxidation)	50	0.000169499	2	759.454	-0.51	Salivary gland	X:+:11077942-11077959	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_110885	AAAGPAPDPSSQFCQQLLDDAQR	AGAP000610-PA	C14(Carbamidomethyl),"Q12(Deamidated), C14(Carbamidomethyl)","Q12(Deamidated), C14(Carbamidomethyl), Q15(Deamidated), Q16(Deamidated), Q22(Deamidated)","C14(Carbamidomethyl), Q22(Deamidated)"	197	2.87E-19	1	2443.136	1.95	Salivary gland	X:+:11077576-11077644	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_111231	FVPYANALPQPAQR	AGAP000610-PA	Q10(Deamidated),N6(Deamidated)	96	3.36E-09	1	1571.835	1.31	Salivary gland	X:+:11078287-11078328	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_111741	QLQTSLATIELK	AGAP000610-PA	Q1(Deamidated)	75	1.19E-07	2	1344.774	0.73	Head	X:+:11078230-11078265	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_111971	EDLPVYQANR	AGAP000610-PA	-	63	8.90E-06	1	1204.594	-1.8	Salivary gland	X:+:11078086-11078115	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_112861	AAAGPAPDPSSQFCQQLLDDAQRQMEQEHR	AGAP000610-PA	C14(Carbamidomethyl), Q15(Deamidated), M25(Oxidation),"C14(Carbamidomethyl), Q16(Deamidated), M25(Oxidation)","C14(Carbamidomethyl), Q24(Deamidated), M25(Oxidation)","C14(Carbamidomethyl), M25(Oxidation), Q27(Deamidated)","C14(Carbamidomethyl), M25(Oxidation)","C14(Carbamidomethyl), Q22(Deamidated), M25(Oxidation)"	115	3.42E-11	1	3397.533	1.33	Salivary gland	X:+:11077576-11077665	exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_117540	GKNYQHYLSESR	AGAP000610-PA	N3(Deamidated)	98	2.60E-09	2	1481.714	0.24	Salivary gland	X:+:11078515-11078550	exon=> In CDS Exon 1 of transcript AGAP000610-PA

JHU_Ag_6665	FSFTQFVTYPNLLPLPEQR	AGAP000611-PA	-	77	1.96E-07	1	2297.199	1.07	Salivary gland	X:+:11079923-11079979	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_7549	TNAPCQLLLNELQR	AGAP000611-PA	C5(Carbamidomethyl), N10(Deamidated),"C5(Carbamidomethyl), Q13(Deamidated)"	97	3.23E-09	1	1670.855	1.37	Head	X:+:11079251-11079292	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_15303	LAPQIER	AGAP000611-PA	-	53	3.19E-05	2	826.479	0.4	Salivary gland	X:+:11080055-11080075	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_24736	GQFADFDRR	AGAP000611-PA	-	45	0.000290045	2	1111.528	0.45	Salivary gland	X:+:11080142-11080168	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_26991	ETTNPAPPDDTR	AGAP000611-PA	-	67	1.89E-06	1	1313.596	-0.75	Salivary gland	X:+:11079215-11079250	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_29906	ALYERIELAK	AGAP000611-PA	-	34	0.00234601	1	1205.689	0.29	Salivary gland	X:+:11079341-11079370	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_31740	RLENLLDLVR	AGAP000611-PA	-	81	2.95E-08	1	1240.739	1.55	Head	X:+:11079584-11079613	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_34549	KDYAYYLK	AGAP000611-PA	-	53	8.27E-05	1	1063.544	-2.23	Salivary gland	X:+:11080169-11080192	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_35134	ELEWKDELVK	AGAP000611-PA	-	77	3.46E-07	1	1288.679	0.08	Salivary gland	X:+:11080106-11080135	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_41100	HLPQQIVK	AGAP000611-PA	-	32	0.002022476	1	962.576	-1.94	Head	X:+:11079527-11079550	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_43687	NGKFFADHLAK	AGAP000611-PA	N1(Deamidated)	64	7.07E-06	1	1248.635	-2.11	Salivary gland	X:+:11080022-11080054	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_46096	LFEQIGAK	AGAP000611-PA	-	37	0.002167871	1	905.511	1.77	Head	X:+:11079866-11079889	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_46737	DYAYYLK	AGAP000611-PA	-	45	0.000538484	1	935.452	0.67	Salivary gland	X:+:11080172-11080192	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_49830	CEQFLR	AGAP000611-PA	C1(Carbamidomethyl)	41	0.000713298	2	852.403	-0.26	Salivary gland	X:+:11080076-11080093	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_50737	QQDAMYQLVLKR	AGAP000611-PA	M5(Oxidation)	87	2.70E-08	1	1492.793	-0.85	Salivary gland	X:+:11079764-11079799	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_51501	GQFADFDR	AGAP000611-PA	-	54	2.44E-05	1	955.427	0.19	Salivary gland	X:+:11080142-11080165	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_53350	RLENLLDLVR	AGAP000611-PA	-	81	2.92E-08	1	1240.736	-1.21	Salivary gland	X:+:11079584-11079613	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_65124	KQQDAMYQLVLK	AGAP000611-PA	M6(Oxidation)	86	2.64E-08	1	1464.787	-0.47	Salivary gland	X:+:11079761-11079796	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_66443	QQLLLLYLDAADLRR	AGAP000611-PA	-	50	1.88E-05	1	1801.036	1.69	Head	X:+:11079440-11079484	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_68008	QQLLLLYLDAADLR	AGAP000611-PA	-	113	2.42E-11	1	1644.934	1.07	Salivary gland	X:+:11079440-11079481	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_71802	LKGQFADFDR	AGAP000611-PA	-	73	5.59E-07	1	1196.607	1.1	Salivary gland	X:+:11080136-11080165	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_73696	DYAYYLK	AGAP000611-PA	-	43	0.000691794	1	935.451	0.41	Head	X:+:11080172-11080192	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_73747	FFADHLAK	AGAP000611-PA	-	38	0.002321806	2	948.492	-1.54	Head	X:+:11080031-11080054	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_75157	TLYQLLQPEIMK	AGAP000611-PA	M11(Oxidation)	107	2.50E-10	1	1492.809	0.32	Salivary gland	X:+:11079641-11079676	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_76266	TLYQLLQPEIMK	AGAP000611-PA	-	48	0.000127103	2	1476.819	4.08	Head	X:+:11079641-11079676	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_78802	LLQADQPAGGCAAAWDSLLSR	AGAP000611-PA	C11(Carbamidomethyl)	140	1.46E-13	1	2200.084	0.97	Head	X:+:11079110-11079172	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_79745	QQLLLLYLDAADLRR	AGAP000611-PA	-	88	3.21E-09	1	1801.036	1.49	Salivary gland	X:+:11079440-11079484	exon=> In CDS Exon 1 of transcript AGAP000611-PA

JHU_Ag_82890	TLYQLLQPEIMK	AGAP000611-PA	-	45	0.000256228	1	1476.817	2.42	Visceras	X:+:11079641-11079676	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_83795	QQLLLLYLDAADLR	AGAP000611-PA	-	79	5.09E-08	1	1644.938	3.52	Head	X:+:11079440-11079481	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_84950	RLENLLDLVR	AGAP000611-PA	-	76	8.92E-08	2	1240.739	1.75	Visceras	X:+:11079584-11079613	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_85503	WMFLCLAGQYR	AGAP000611-PA	M2(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	78	2.12E-07	1	1460.681	-0.14	Salivary gland	X:+:11079800-11079832	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_86898	ETTNPAPPDDTR	AGAP000611-PA	-	56	2.24E-05	1	1313.597	-0.01	Head	X:+:11079215-11079250	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_87758	EIVQFATK	AGAP000611-PA	-	50	0.00010759	1	935.521	1.84	Salivary gland	X:+:11079833-11079856	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_88539	LENLLDLVR	AGAP000611-PA	-	70	6.38E-07	1	1084.633	-3.03	Salivary gland	X:+:11079587-11079613	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_90601	FFADHLAK	AGAP000611-PA	-	48	0.000262129	1	948.493	-1.16	Salivary gland	X:+:11080031-11080054	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_94411	QQDAMYQLVLK	AGAP000611-PA	M5(Oxidation)	75	4.60E-07	1	1352.689	0.99	Salivary gland	X:+:11079764-11079796	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_98307	TNAPCQLLLNELQR	AGAP000611-PA	C5(Carbamidomethyl), N10(Deamidated),"N2(Deamidated), C5(Carbamidomethyl), Q6(Deamidated), N10(Deamidated)","C5(Carbamidomethyl), Q13(Deamidated)",C5(Carbamidomethyl),"N2(Deamidated), C5(Carbamidomethyl), Q6(Deamidated), Q13(Deamidated)"	106	3.13E-10	2	1670.866	7.87	Salivary gland	X:+:11079251-11079292	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_100908	IATIHPK	AGAP000611-PA	-	56	4.81E-06	2	779.479	1.53	Salivary gland	X:+:11079890-11079910	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_104267	LFEQIGAK	AGAP000611-PA	-	64	4.14E-06	1	905.508	-1.48	Salivary gland	X:+:11079866-11079889	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_106684	IQQAIETMR	AGAP000611-PA	M8(Oxidation)	81	1.15E-07	1	1089.572	-0.31	Salivary gland	X:+:11079392-11079418	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_108456	HLPQQIVK	AGAP000611-PA	-	37	0.000746138	1	962.578	-0.23	Salivary gland	X:+:11079527-11079550	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_110109	LENLLDLVR	AGAP000611-PA	-	60	6.93E-06	1	1084.638	1.59	Head	X:+:11079587-11079613	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_112187	LLQADQPAGGCAAAWDSLLSR	AGAP000611-PA	C11(Carbamidomethyl)	201	1.36E-19	1	2200.082	-0.02	Salivary gland	X:+:11079110-11079172	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_115930	ETTNPAPPDDTRTNAPCQLLLNELQR	AGAP000611-PA	C17(Carbamidomethyl), Q25(Deamidated),"C17(Carbamidomethyl), N22(Deamidated)","C17(Carbamidomethyl), Q18(Deamidated)"	53	7.52E-05	1	2965.436	1.45	Salivary gland	X:+:11079215-11079292	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_116916	RWMFLCLAGQYR	AGAP000611-PA	M3(Oxidation), C6(Carbamidomethyl)	65	4.46E-06	1	1616.784	0.86	Salivary gland	X:+:11079797-11079832	exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_981	QLYLGLFNPALK	AGAP000612-PA	-	68	6.62E-07	1	1376.796	1.86	Salivary gland	X:+:11083628-11083663	exon=> In CDS Exon 1 of transcript AGAP000612-PA

JHU_Ag_1203	RHPEQR	AGAP000612-PA	-	31	0.008211235	2	822.432	-0.78	Head	X:+:11083535-11083552	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_2389	LAFYHQITAELR	AGAP000612-PA	-	101	8.43E-10	1	1461.786	0.44	Salivary gland	X:+:11083499-11083534	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_7021	QLYLGLFNPALKR	AGAP000612-PA	-	82	1.27E-08	1	1532.897	1.59	Salivary gland	X:+:11083628-11083666	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_7872	FEYLLDFAR	AGAP000612-PA	-	64	5.25E-06	2	1173.593	-0.84	Visceras	X:+:11083448-11083474	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_8090	DYDHYLQESK	AGAP000612-PA	-	79	7.22E-08	1	1297.567	-1.81	Salivary gland	X:+:11084042-11084071	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_9584	DYDHYLQESK	AGAP000612-PA	-	79	8.94E-08	1	1297.574	3.36	Head	X:+:11084042-11084071	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_9609	AFTAEMQK	AGAP000612-PA	M6(Oxidation)	60	9.14E-06	1	925.444	-0.48	Salivary gland	X:+:11083172-11083195	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_11142	DANRDYDHYLQESK	AGAP000612-PA	N3(Deamidated)	101	7.98E-10	1	1753.781	1.79	Salivary gland	X:+:11084030-11084071	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_13864	LAFYHQITAELR	AGAP000612-PA	-	86	3.00E-08	1	1461.789	2.45	Head	X:+:11083499-11083534	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_14881	LAFLSQNADAR	AGAP000612-PA	-	66	4.41E-06	2	1205.623	-3.24	Head	X:+:11083595-11083627	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_16574	DSYLAMIAALDLGK	AGAP000612-PA	M6(Oxidation)	67	2.48E-06	2	1496.773	4.12	Head	X:+:11083553-11083594	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_24885	IQVNQWEADRYVQESDTIR	AGAP000612-PA	-	62	9.37E-06	1	2350.108	-14.62	Salivary gland	X:+:11083199-11083255	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_27052	QLYLGLFNPALK	AGAP000612-PA	-	38	0.000632457	2	1376.798	3.05	Visceras	X:+:11083628-11083663	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_28976	LLLYPNRLPLAK	AGAP000612-PA	-	26	0.001618445	1	1410.887	2.46	Malpighian tubule	X:+:11083805-11083840	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_30645	LRDELR	AGAP000612-PA	-	46	0.000585319	2	801.458	0.05	Salivary gland	X:+:11083271-11083288	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_30919	QDLVACQDGELLVHPPEPYFSDCQQR	AGAP000612-PA	C6(Carbamidomethyl), C23(Carbamidomethyl)	173	5.99E-17	1	3101.414	1.65	Salivary gland	X:+:11083055-11083132	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_31194	FEYLLDFAR	AGAP000612-PA	-	79	2.00E-07	1	1173.595	0.93	Head	X:+:11083448-11083474	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_36414	LLLYPNR	AGAP000612-PA	-	29	0.00665512	2	888.531	0.35	Head	X:+:11083805-11083825	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_37181	QLYLGLFNPALK	AGAP000612-PA	-	53	1.92E-05	1	1376.796	1.45	Head	X:+:11083628-11083663	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_39560	SGSKTQQSDLEK	AGAP000612-PA	-	61	1.59E-05	1	1307.645	0.87	Salivary gland	X:+:11083961-11083996	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_42665	RHPEQR	AGAP000612-PA	-	36	0.002428021	2	822.433	-0.04	Salivary gland	X:+:11083535-11083552	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_44079	KVPGNSVR	AGAP000612-PA	N5(Deamidated)	48	0.000184925	1	857.484	0.15	Salivary gland	X:+:11083475-11083498	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_48934	LLLYPNRLPLAK	AGAP000612-PA	-	42	3.71E-05	1	1410.882	-0.49	Head	X:+:11083805-11083840	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_60291	MMLLQINQR	AGAP000612-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation),"M1(Oxidation), M2(Oxidation), N7(Deamidated)"	76	4.48E-07	2	1146.612	0.19	Salivary gland	X:+:11083862-11083888	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_71379	LAFYHQITAELRR	AGAP000612-PA	-	62	6.09E-06	1	1617.884	-1.48	Salivary gland	X:+:11083499-11083537	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_71681	MMLLQINQR	AGAP000612-PA	M2(Oxidation)	51	0.000123061	2	1146.612	-0.56	Head	X:+:11083862-11083888	exon=> In CDS Exon 1 of transcript AGAP000612-PA

JHU_Ag_72111	AFTAEMQKK	AGAP000612-PA	M6(Oxidation)	37	0.002003656	1	1069.534	-0.69	Salivary gland	X:+:11083172-11083198	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_73775	DYDHYLQESKK	AGAP000612-PA	-	71	1.12E-06	1	1425.664	-0.45	Salivary gland	X:+:11084042-11084074	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_78347	LLLYPNRLPLAK	AGAP000612-PA	N6(Deamidated)	64	2.97E-07	1	1410.884	0.8	Salivary gland	X:+:11083805-11083840	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_82376	QLYLGLFNPALKR	AGAP000612-PA	-	62	1.03E-06	1	1532.892	-1.67	Head	X:+:11083628-11083666	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_86894	QDLVACQDGELLVHPPEPYFSDCQQR	AGAP000612-PA	C6(Carbamidomethyl), C23(Carbamidomethyl)	107	2.37E-10	1	3101.409	-0.12	Head	X:+:11083055-11083132	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_89369	ELDKCESFVK	AGAP000612-PA	C5(Carbamidomethyl)	55	4.63E-05	1	1254.605	1.1	Salivary gland	X:+:11083931-11083960	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_90849	DANRDYDHYLQESK	AGAP000612-PA	-	48	0.000146154	1	1753.774	-1.89	Head	X:+:11084030-11084071	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_93254	DSYLAMIAALDLGK	AGAP000612-PA	M6(Oxidation)	136	3.70E-13	1	1496.768	0.69	Salivary gland	X:+:11083553-11083594	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_95076	YVQESDTIR	AGAP000612-PA	-	62	9.93E-06	2	1110.541	-1.39	Head	X:+:11083229-11083255	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_96274	YYHYYLEGQPPGQLLSSIIAAVYSVPEHAHER	AGAP000612-PA	-	148	1.89E-14	1	3687.831	2.03	Salivary gland	X:+:11083352-11083447	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_97460	HDFAPR	AGAP000612-PA	-	33	0.001881287	2	742.365	2.32	Salivary gland	X:+:11083895-11083912	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_98597	QRLEAFR	AGAP000612-PA	-	34	0.004865969	1	919.512	0.84	Salivary gland	X:+:11083841-11083861	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_99155	ELDKCESFVK	AGAP000612-PA	C5(Carbamidomethyl)	55	4.69E-05	1	1254.603	-0.65	Head	X:+:11083931-11083960	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_100376	TQQSDLEK	AGAP000612-PA	-	49	0.00018151	1	948.464	0.39	Salivary gland	X:+:11083973-11083996	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_101996	SLVLMSVQGGASK	AGAP000612-PA	M5(Oxidation)	104	5.38E-10	1	1276.692	-1.13	Salivary gland	X:+:11083301-11083339	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_103045	FEYLLDFAR	AGAP000612-PA	-	79	1.90E-07	1	1173.597	2.9	Salivary gland	X:+:11083448-11083474	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_103263	YVQESDTIR	AGAP000612-PA	-	71	1.17E-06	1	1110.540	-1.94	Salivary gland	X:+:11083229-11083255	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_103788	SLVLMSVQGGASK	AGAP000612-PA	M5(Oxidation)	81	8.58E-08	2	1276.694	0.4	Head	X:+:11083301-11083339	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_105316	LLLYPNR	AGAP000612-PA	-	43	0.000633209	1	888.527	-3.29	Salivary gland	X:+:11083805-11083825	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_110428	LAFLSQNADAR	AGAP000612-PA	N7(Deamidated)	82	9.88E-08	1	1205.629	1.11	Salivary gland	X:+:11083595-11083627	exon=> In CDS Exon 1 of transcript AGAP000612-PA
JHU_Ag_10213	LVAVK	AGAP000612-PA,AGAP007857-PA	-	31	0.001935209	1	529.371	-0.1	Salivary gland	X:+:11083997-11084011;3R:+:2246520-2246534	exon=> In CDS Exon 1 of transcript AGAP000612-PA;exon=> In CDS Exon 1 of transcript AGAP007857-PA
JHU_Ag_3257	GDVQAQVGLGQLHYQGGR	AGAP000615-PA	-	94	4.47E-09	1	1882.952	-0.12	Salivary gland	X:+:11203954-11204007	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_4721	VASQVTFSGGAAVHR	AGAP000615-PA	-	99	1.78E-09	1	1486.778	1.23	Salivary gland	X:+:11203816-11203860	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_4997	VPVTLALIK	AGAP000615-PA	-	55	1.54E-06	2	953.642	2.33	Salivary gland	X:+:11206477-11206503	exon=> In CDS Exon 3 of transcript AGAP000615-PA
JHU_Ag_7913	CYDLAADSSVDAK	AGAP000615-PA	C1(Carbamidomethyl)	61	4.90E-06	2	1414.616	0.33	Salivary gland	X:+:11206438-11206476	exon=> In CDS Exon 3 of transcript AGAP000615-PA
JHU_Ag_11253	TDRDDAPATPAAPSGSTGEQEHR	AGAP000615-PA	-	72	5.85E-07	1	2366.063	1.09	Malpighian tubule	X:+:11206833-11206901	exon=> In CDS Exon 4 of transcript AGAP000615-PA
JHU_Ag_12243	KIPAVLYDILEVQK	AGAP000615-PA	-	73	8.46E-08	1	1628.961	-0.47	Midgut	X:+:11203231-11203272	exon=> In CDS Exon 1 of transcript AGAP000615-PA

JHU_Ag_13847	VPVTLALIK	AGAP000615-PA	-	35	0.000512116	1	953.626	-14.12	Ovary	X:+:11206477-11206503	exon=> In CDS Exon 3 of transcript AGAP000615-PA
JHU_Ag_16078	AADLGNPVGQSGLGIMYLHGK	AGAP000615-PA	-	36	0.003280062	1	2098.081	3	Malpighian tubule	X:+:11204164-11204226	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_18283	KIPAVLYDILEVQK	AGAP000615-PA	-	23	0.00761174	3	1628.962	0.12	Head	X:+:11203231-11203272	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_19509	SHVAWAQLLGNPVPLDIESAK	AGAP000615-PA	-	41	0.000623823	1	2245.199	0.66	Midgut	X:+:11203510-11203572	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_22541	SHVAWAQLLGNPVPLDIESAKR	AGAP000615-PA	-	70	4.55E-07	1	2401.297	-0.62	Midgut	X:+:11203510-11203575	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_26207	AAAQGYSAAQVK	AGAP000615-PA	-	96	4.00E-09	1	1164.601	0.58	Salivary gland	X:+:11204863-11204898	exon=> In CDS Exon 2 of transcript AGAP000615-PA
JHU_Ag_39319	IYLEGSDNIK	AGAP000615-PA	-	40	0.001486573	1	1151.594	-0.67	Salivary gland	X:+:11204098-11204127	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_39833	ALQYFSQAANAGNAVAMAFLGK	AGAP000615-PA	M17(Oxidation)	120	1.50E-11	1	2259.136	5.7	Salivary gland	X:+:11204032-11204097	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_49414	AAEGLIDGLGGEER	AGAP000615-PA	-	69	2.04E-06	2	1386.691	3.64	Malpighian tubule	X:+:11203084-11203125	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_54019	IPAVLYDILEVQK	AGAP000615-PA	-	86	6.08E-09	1	1500.876	6.08	Salivary gland	X:+:11203234-11203272	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_54541	LESLKETPLK	AGAP000615-PA	-	49	8.05E-05	2	1157.676	-1.38	Salivary gland	X:+:11206522-11206539,11206629-11206640	exon=> In CDS Exon 3 and 4 of transcript AGAP000615-PA
JHU_Ag_59659	GIPLDHQR	AGAP000615-PA	-	45	0.000440928	2	935.506	0.4	Midgut	X:+:11204008-11204031	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_66880	AAEGLIDGLGGEER	AGAP000615-PA	-	82	9.99E-08	2	1386.687	0.65	Salivary gland	X:+:11203084-11203125	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_67225	APPAPNQTGAATTTGGSSQQAPPSPAR	AGAP000615-PA	-	86	4.90E-08	1	2518.231	0.92	Salivary gland	X:+:11206752-11206832	exon=> In CDS Exon 4 of transcript AGAP000615-PA
JHU_Ag_67471	SHVAWAQLLGNPVPLDIESAKR	AGAP000615-PA	-	61	3.96E-06	1	2401.298	-0.12	Salivary gland	X:+:11203510-11203575	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_72306	KAAEGLIDGLGGEER	AGAP000615-PA	-	80	1.58E-07	2	1514.786	3.09	Midgut	X:+:11203081-11203125	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_74749	KAAEGLIDGLGGEER	AGAP000615-PA	-	51	0.000105442	1	1514.782	0.4	Salivary gland	X:+:11203081-11203125	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_82909	LVQITDFSK	AGAP000615-PA	-	42	0.000477615	2	1050.583	0.02	Salivary gland	X:+:11203189-11203215	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_86841	VESPVPSGTNQQR	AGAP000615-PA	-	42	0.000805241	2	1398.698	0.58	Salivary gland	X:+:11203042-11203080	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_88110	SHVAWAQLLGNPVPLDIESAKR	AGAP000615-PA	-	55	1.52E-05	1	2401.306	2.83	Malpighian tubule	X:+:11203510-11203575	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_90707	KIPAVLYDILEVQK	AGAP000615-PA	-	61	9.25E-07	1	1628.972	6.05	Salivary gland	X:+:11203231-11203272	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_92280	VPVTLALIK	AGAP000615-PA	-	18	0.007181456	1	953.647	8.34	Head	X:+:11206477-11206503	exon=> In CDS Exon 3 of transcript AGAP000615-PA
JHU_Ag_93339	TDRDDAPATPAAPSGSTGEQEHR	AGAP000615-PA	-	101	7.70E-10	1	2366.055	-2.32	Head	X:+:11206833-11206901	exon=> In CDS Exon 4 of transcript AGAP000615-PA
JHU_Ag_95878	YWAGVGVPNSCETALDYYR	AGAP000615-PA	C11(Carbamidomethyl)	79	1.43E-07	2	2221.004	1.01	Salivary gland	X:+:11203744-11203800	exon=> In CDS Exon 1 of transcript AGAP000615-PA
JHU_Ag_107227	LQLLFK	AGAP000615-PA	-	43	5.21E-05	2	761.493	1.4	Salivary gland	X:+:11206504-11206521	exon=> In CDS Exon 3 of transcript AGAP000615-PA
JHU_Ag_115189	VPVTLALIK	AGAP000615-PA	-	40	0.000155537	1	953.625	-14.83	Malpighian tubule	X:+:11206477-11206503	exon=> In CDS Exon 3 of transcript AGAP000615-PA

JHU_Ag_113015	TLALIK	AGAP000615-PA,AGAP004434-PA	-	20	0.007346797	1	658.450	0.29	Midgut	X:+:11206486-11206503;2R:-:55992992-55992975	exon=> In CDS Exon 3 of transcript AGAP000615-PA;exon=> In CDS Exon 4 of transcript AGAP004434-PA
JHU_Ag_1506	AMEVDERPTEQYSDIGGLDK	AGAP000616-PA	M2(Oxidation)	67	2.38E-06	1	2269.027	-0.71	Salivary gland	X:-:11208688-11208629	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_4111	VDILDPALLR	AGAP000616-PA	-	49	2.87E-05	2	1124.668	0.39	Malpighian tubule	X:-:11208205-11208176	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_8962	QIQELIEAVVLPMTHK	AGAP000616-PA	-	37	0.000859726	3	1849.031	2.92	Visceras	X:-:11208628-11208581	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_13734	KIEFPHPNEEAR	AGAP000616-PA	-	58	2.39E-05	2	1466.739	-0.1	Male reproductive organs	X:-:11208157-11208122	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_15290	LKPGDLVGVNK	AGAP000616-PA	-	34	0.001007502	2	1139.675	-3.07	Head	X:-:11208775-11208743	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_16742	DAFALAK	AGAP000616-PA	-	39	0.001372702	1	735.406	2.76	Ovary	X:-:11208400-11208380	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_17707	QTYFLPVIGLVDSDK	AGAP000616-PA	-	79	8.83E-08	2	1694.906	3.48	Head	X:-:11208820-11208776	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_22177	VDILDPALLR	AGAP000616-PA	-	60	2.58E-06	1	1124.666	-1.02	Ovary	X:-:11208205-11208176	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_25683	KIEFPHPNEEAR	AGAP000616-PA	-	60	1.37E-05	1	1466.732	-4.27	Head	X:-:11208157-11208122	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_25763	INHELQTQNEK	AGAP000616-PA	-	49	0.000170162	2	1353.672	-2.84	Head	X:-:11209024-11208992	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_26249	QTYFLPVIGLVDSDK	AGAP000616-PA	-	56	2.54E-05	2	1694.900	-0.26	Ovary	X:-:11208820-11208776	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_30057	TMLELLNQLDGFSSTADIK	AGAP000616-PA	M2(Oxidation)	151	1.18E-14	1	2112.050	-1.38	Ovary	X:-:11208283-11208227	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_38109	EIWEDSEELGEEVLR	AGAP000616-PA	-	105	4.80E-10	1	1832.854	-0.43	Male reproductive organs	X:-:11209147-11209103	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_39047	VDILDPALLR	AGAP000616-PA	-	52	1.70E-05	1	1124.665	-1.89	Salivary gland	X:-:11208205-11208176	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_40667	SAVSVIHEDFMDAIMEVQSK	AGAP000616-PA	M11(Oxidation), M15(Oxidation)	41	0.001359923	1	2268.060	3.45	Male reproductive organs	X:-:11207977-11207918	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_42235	KIEFPHPNEEAR	AGAP000616-PA	-	61	1.21E-05	1	1466.736	-1.77	Ovary	X:-:11208157-11208122	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_43318	VIAATNRVDILDPALLR	AGAP000616-PA	-	70	1.31E-07	1	1850.086	0	Salivary gland	X:-:11208226-11208176	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_56254	VIAATNRVDILDPALLR	AGAP000616-PA	-	83	7.13E-09	1	1850.088	1.39	Malpighian tubule	X:-:11208226-11208176	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_59836	VIAATNRVDILDPALLR	AGAP000616-PA	-	77	2.79E-08	1	1850.084	-0.79	Male reproductive organs	X:-:11208226-11208176	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_64743	SPAIIFIDELDAIGTKR	AGAP000616-PA	-	47	0.000118817	1	1859.030	1.34	Ovary	X:-:11208373-11208323	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_69655	KMNVSPDVNFEELAR	AGAP000616-PA	M2(Oxidation)	57	3.27E-05	2	1764.860	0.53	Male reproductive organs	X:-:11208094-11208050	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_73187	EIWEDSEELGEEVLR	AGAP000616-PA	-	61	1.24E-05	1	1832.856	0.37	Ovary	X:-:11209147-11209103	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_74342	EIWEDSEELGEEVLR	AGAP000616-PA	-	116	3.51E-11	1	1832.855	0.24	Head	X:-:11209147-11209103	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_76335	KIEFPHPNEEAR	AGAP000616-PA	-	40	0.001386092	1	1466.740	0.72	Malpighian tubule	X:-:11208157-11208122	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_82179	SAVSVIHEDFMDAIMEVQSK	AGAP000616-PA	M11(Oxidation), M15(Oxidation)	96	3.62E-09	1	2268.051	-0.82	Ovary	X:-:11207977-11207918	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_82711	AMEVDERPTEQYSDIGGLDK	AGAP000616-PA	M2(Oxidation)	123	5.82E-12	1	2269.026	-1.2	Ovary	X:-:11208688-11208629	exon=> In CDS Exon 1 of transcript AGAP000616-PA

JHU_Ag_84747	EKSPAIIFIDELDAIGTK	AGAP000616-PA	-	82	4.98E-08	1	1960.060	-2.07	Ovary	X:-:11208379-11208326	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_88990	EKSPAIIFIDELDAIGTK	AGAP000616-PA	-	94	3.08E-09	1	1960.063	-0.29	Male reproductive organs	X:-:11208379-11208326	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_93831	EIWEDSEELGEEVLR	AGAP000616-PA	-	64	5.91E-06	2	1832.860	2.5	Pupa	X:-:11209147-11209103	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_95784	QIQELIEAVVLPMTHK	AGAP000616-PA	M13(Oxidation)	95	1.91E-09	1	1865.022	0.78	Ovary	X:-:11208628-11208581	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_96200	DSYLILETLPAEYDAR	AGAP000616-PA	-	49	0.000166 48	2	1868.932	2.33	Pupa	X:-:11208742-11208695	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_98477	SPAIIFIDELDAIGTK	AGAP000616-PA	-	92	6.54E-09	1	1702.926	0.03	Ovary	X:-:11208373-11208326	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_100617	QIQELIEAVVLPMTHK	AGAP000616-PA	M13(Oxidation)	61	4.38E-06	1	1865.028	4.41	Head	X:-:11208628-11208581	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_101578	IMKSEVVR	AGAP000616-PA	M2(Oxidation)	30	0.013185 749	1	977.541	-4.16	Midgut	X:-:11209048-11209025	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_103282	DSYLILETLPAEYDAR	AGAP000616-PA	-	71	1.19E-06	1	1868.928	0.04	Ovary	X:-:11208742-11208695	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_103557	MSTDELVSR	AGAP000616-PA	M1(Oxidation)	65	4.02E-06	2	1053.486	-2.04	Ovary	X:-:11209102-11209076	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_106899	SPAIIFIDELDAIGTK	AGAP000616-PA	-	35	0.002323 976	2	1702.938	6.62	Salivary gland	X:-:11208373-11208326	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_108552	DSYLILETLPAEYDAR	AGAP000616-PA	-	51	0.000116 645	1	1868.934	3.37	Head	X:-:11208742-11208695	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_110271	AMEVDERPTEQYSDIGGLDK	AGAP000616-PA	M2(Oxidation)	57	2.20E-05	1	2269.033	1.95	Male reproductive organs	X:-:11208688-11208629	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_114979	LKPGDLVGVNK	AGAP000616-PA	-	42	0.000144 059	1	1139.679	0.16	Ovary	X:-:11208775-11208743	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_115966	KMNVSPDVNFEELAR	AGAP000616-PA	M2(Oxidation)	54	6.80E-05	1	1764.861	1.42	Malpighian tubule	X:-:11208094-11208050	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_115992	AMEVDERPTEQYSDIGGLDK	AGAP000616-PA	M2(Oxidation)	79	1.76E-07	1	2269.042	5.66	Head	X:-:11208688-11208629	exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_12515	IDENVILGALPFR	AGAP000617-PB,AGAP000617-PA	-	44	0.000354 195	2	1456.817	0.95	Visceras	X:+:11212360-11212398;X:+:11212360-11212398	exon=> In CDS Exon 2 of transcript AGAP000617-PB;exon=> In CDS Exon 3 of transcript AGAP000617-PA
JHU_Ag_27922	IDENVILGALPFR	AGAP000617-PB,AGAP000617-PA	-	95	2.68E-09	1	1456.816	0.03	Midgut	X:+:11212360-11212398;X:+:11212360-11212398	exon=> In CDS Exon 2 of transcript AGAP000617-PB;exon=> In CDS Exon 3 of transcript AGAP000617-PA
JHU_Ag_103092	ITFYPSLFYNVMMEK	AGAP000617-PB,AGAP000617-PA	M12(Oxidation), M13(Oxidation)	65	3.72E-06	2	1914.900	-1.1	Midgut	X:+:11212288-11212332;X:+:11212288-11212332	exon=> In CDS Exon 2 of transcript AGAP000617-PB;exon=> In CDS Exon 3 of transcript AGAP000617-PA
JHU_Ag_6547	KIWSTK	AGAP000618-PA	-	34	0.001835 243	2	762.452	1.24	Visceras	X:-:11214816-11214799	exon=> In CDS Exon 3 of transcript AGAP000618-PA
JHU_Ag_597	TIQDLQR	AGAP000620-PA	Q6(Deamidated)	42	0.001327 367	1	874.463	0.66	Salivary gland	X:-:11230599-11230579	exon=> In CDS Exon 2 of transcript AGAP000620-PA
JHU_Ag_69609	TIQDLQR	AGAP000620-PA	Q6(Deamidated)	43	0.001285 26	2	874.465	2.06	Malpighian tubule	X:-:11230599-11230579	exon=> In CDS Exon 2 of transcript AGAP000620-PA
JHU_Ag_81089	TIQDLQR	AGAP000620-PA	Q6(Deamidated)	45	0.000774 446	2	874.462	-0.52	Visceras	X:-:11230599-11230579	exon=> In CDS Exon 2 of transcript AGAP000620-PA
JHU_Ag_92453	TIQDLQR	AGAP000620-PA	Q6(Deamidated)	43	0.001303 14	1	874.464	0.94	Head	X:-:11230599-11230579	exon=> In CDS Exon 2 of transcript AGAP000620-PA
JHU_Ag_6025	YTVGPSGSTLYPAAGGSDDWAR	AGAP000621-PA	-	111	8.92E-11	1	2228.028	0.94	Pupa	X:+:11236315-11236380	exon=> In CDS Exon 4 of transcript AGAP000621-PA
JHU_Ag_7873	VGDAAAEQMLQASGGSR	AGAP000621-PA	-	99	1.66E-09	1	1647.780	2.71	Pupa	X:+:11236163-11236183,11236285-11236314	exon=> In CDS Exon 3 and 4 of transcript AGAP000621-PA

JHU_Ag_33375	NVDWYVLPVHNPDGYEHSHQYDR	AGAP000621-PA	-	119	1.14E-11	1	2840.277	-1.59	Pupa	X:+:11235800-11235868	exon=> In CDS Exon 3 of transcript AGAP000621-PA
JHU_Ag_39022	VVPPDHADLKR	AGAP000621-PA	-	35	0.003727604	1	1246.693	2.29	Pupa	X:+:11236130-11236162	exon=> In CDS Exon 3 of transcript AGAP000621-PA
JHU_Ag_66032	AIDTENPSLEETELWENR	AGAP000621-PA	-	92	7.71E-09	1	2145.994	0.4	Pupa	X:+:11234448-11234501	exon=> In CDS Exon 2 of transcript AGAP000621-PA
JHU_Ag_68844	GGLQYGPCAGVDLNR	AGAP000621-PA	C8(Carbamidomethyl)	114	6.62E-11	1	1576.754	0.07	Pupa	X:+:11235887-11235931	exon=> In CDS Exon 3 of transcript AGAP000621-PA
JHU_Ag_98819	AVSEFMQSSAADWK	AGAP000621-PA	M6(Oxidation)	80	9.55E-08	2	1556.700	-2.93	Pupa	X:+:11236028-11236069	exon=> In CDS Exon 3 of transcript AGAP000621-PA
JHU_Ag_101568	YAYTVELR	AGAP000621-PA	-	48	0.000176751	2	1014.525	-0.47	Pupa	X:+:11236399-11236422	exon=> In CDS Exon 4 of transcript AGAP000621-PA
JHU_Ag_710	IPLFPAAEQTAER	AGAP000622-PA	-	89	1.55E-08	1	1442.766	1.24	Visceras	X:+:11248502-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_815	LKCELQPK	AGAP000622-PA	C3(Carbamidomethyl)	43	0.000837478	1	1015.563	2.53	Malpighian tubule	X:+:11252290-11252313	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_2606	AEAAVAAVAPPAATPDADGAETALPTK	AGAP000622-PA	-	64	5.75E-06	1	2476.258	0.33	Visceras	X:+:11252686-11252766	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_2651	RDDLEEQAQADELLQK	AGAP000622-PA	-	116	3.85E-11	2	1900.923	-0.73	Visceras	X:+:11252182-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_2752	ALFPQGSASSNYVNR	AGAP000622-PA	-	88	2.73E-08	1	1610.794	1.19	Male reproductive organs	X:+:11248454-11248498	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_2757	VLQESLAEADREPASSDDPDR	AGAP000622-PA	-	100	1.38E-09	1	2300.064	0.21	Salivary gland	X:+:11252551-11252613	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_3009	ALFPQGSASSNYVNR	AGAP000622-PA	-	121	1.29E-11	1	1610.798	3.39	Ovary	X:+:11248454-11248498	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_3642	QQRPPRQPKPQLQDSVR	AGAP000622-PA	-	54	2.08E-05	4	2058.131	-0.54	Ovary	X:+:11252005-11252055	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_5335	RDDLEEQAQADELLQK	AGAP000622-PA	-	53	7.45E-05	3	1900.929	2.41	Salivary gland	X:+:11252182-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_5347	IPLFPAAEQTAER	AGAP000622-PA	-	82	5.55E-08	1	1442.770	4.46	Head	X:+:11248502-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_6404	VLQESLAEADREPASSDDPDR	AGAP000622-PA	-	104	6.56E-10	1	2300.071	3	Male reproductive organs	X:+:11252551-11252613	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_6681	TLFVAPSQK	AGAP000622-PA	-	53	4.36E-05	1	990.562	-0.07	Ovary	X:+:11249342-11249368	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_7056	AGAEAHAAGLK	AGAP000622-PA	-	73	5.77E-07	1	995.530	3.47	Ovary	X:+:11252653-11252685	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_7068	IKLPSSVEEVPLVQQR	AGAP000622-PA	-	35	0.000901516	2	1822.048	2.56	Salivary gland	X:+:11249390-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_7922	LPSSVEEVPLVQQR	AGAP000622-PA	-	93	3.67E-09	1	1580.867	1.46	Visceras	X:+:11249396-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_8713	IKLPSSVEEVPLVQQR	AGAP000622-PA	-	89	3.49E-09	1	1822.047	1.89	Head	X:+:11249390-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_13093	LGVAGAAPPADGAEQQGEEPANVSELLQEVLAATQLAAR	AGAP000622-PA	-	58	1.09E-05	1	3841.975	4.78	Head	X:+:11252401-11252517	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_14593	VNIDMAQEAVK	AGAP000622-PA	M5(Oxidation)	38	0.002920322	1	1233.614	-0.11	Visceras	X:+:11249285-11249317	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_17166	KIPLFPAAEQTAER	AGAP000622-PA	-	86	2.53E-08	1	1570.860	0.67	Ovary	X:+:11248499-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_17935	LAETPEFK	AGAP000622-PA	-	40	0.001754015	2	934.491	3.35	Malpighian tubule	X:+:11248541-11248564	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_18048	DFGENDATSIASAANR	AGAP000622-PA	-	134	3.62E-13	1	1638.736	0.46	Ovary	X:+:11252320-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_18585	AEAAVAAVAPPAATPDADGAETALPTK	AGAP000622-PA	-	79	2.00E-07	1	2476.261	1.81	Malpighian tubule	X:+:11252686-11252766	exon=> In CDS Exon 5 of transcript AGAP000622-PA

JHU_Ag_18604	QATNIKVNIDMAQEAVK	AGAP000622-PA	-	61	9.53E-06	1	1872.987	1.19	Ovary	X:+:11248565-11248571,11249274-11249317	exon=> In CDS Exon 2 and 3 of transcript AGAP000622-PA
JHU_Ag_18959	SKDFGENDATSIASAANR	AGAP000622-PA	-	154	5.74E-15	1	1853.866	1.63	Visceras	X:+:11252314-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_19119	VSNMFSVPFK	AGAP000622-PA	-	36	0.002465035	2	1155.589	1.56	Malpighian tubule	X:+:11252062-11252091	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_21875	SKDFGENDATSIASAANR	AGAP000622-PA	-	170	1.66E-16	1	1853.866	1.76	Ovary	X:+:11252314-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_22554	TGGEEGGDGQQHQR	AGAP000622-PA	Q10(Deamidated),Q11(Deamidated),"Q11(Deamidated), Q13(Deamidated)","Q10(Deamidated), Q13(Deamidated)","Q10(Deamidated), Q11(Deamidated)"	109	7.68E-11	1	1455.622	0.49	Ovary	X:+:11251864-11251905	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_23460	ALFPQGSASSNYVNRK	AGAP000622-PA	-	69	1.90E-06	1	1738.890	1.59	Ovary	X:+:11248454-11248501	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_24722	KLLAQIDEVTK	AGAP000622-PA	-	57	7.36E-06	2	1257.744	2.46	Ovary	X:+:11252620-11252652	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_25609	SDYLYAK	AGAP000622-PA	-	33	0.004449 09	1	859.422	2.48	Head	X:+:11249369-11249389	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_26596	LPSSVEEVPLVQQR	AGAP000622-PA	-	91	5.04E-09	1	1580.872	4.93	Malpighian tubule	X:+:11249396-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_26689	LGVAGAAPPADGAEQQGEEPANVSELLQEVLAATQLAAR	AGAP000622-PA	-	149	7.24E-15	1	3841.982	6.43	Ovary	X:+:11252401-11252517	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_30207	VLQESLAEADREPASSDDPDR	AGAP000622-PA	-	186	3.59E-18	1	2300.074	4.43	Malpighian tubule	X:+:11252551-11252613	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_31071	DFGENDATSIASAANR	AGAP000622-PA	-	114	3.26E-11	1	1638.734	-1.03	Male reproductive organs	X:+:11252320-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_32127	VNIDMAQEAVK	AGAP000622-PA	M5(Oxidation)	51	0.000151685	2	1233.616	1.08	Salivary gland	X:+:11249285-11249317	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_33800	TLFVAPSQK	AGAP000622-PA	-	35	0.003215334	2	990.561	-0.76	Visceras	X:+:11249342-11249368	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_33857	VLQESLAEADR	AGAP000622-PA	-	80	1.38E-07	2	1230.631	-1.01	Head	X:+:11252551-11252583	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_34201	SDYLYAK	AGAP000622-PA	-	47	0.000181727	1	859.419	-0.38	Visceras	X:+:11249369-11249389	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_36088	LAETPEFKQATNIK	AGAP000622-PA	-	37	0.002266534	1	1589.853	-0.07	Ovary	X:+:11248541-11248571,11249274-11249284	exon=> In CDS Exon 2 and 3 of transcript AGAP000622-PA
JHU_Ag_36698	AGAEAHAAGLK	AGAP000622-PA	-	69	1.33E-06	1	995.525	-2.42	Male reproductive organs	X:+:11252653-11252685	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_38295	VLQESLAEADREPASSDDPDR	AGAP000622-PA	-	187	2.90E-18	1	2300.065	0.53	Visceras	X:+:11252551-11252613	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_39166	RDDLEEQAQADELLQK	AGAP000622-PA	-	125	4.59E-12	1	1900.922	-1.5	Malpighian tubule	X:+:11252182-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_40424	VLQESLAEADREPASSDDPDR	AGAP000622-PA	-	200	1.59E-19	1	2300.070	2.68	Ovary	X:+:11252551-11252613	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_41090	LLAQIDEVTK	AGAP000622-PA	-	85	2.51E-08	2	1129.650	3.38	Ovary	X:+:11252623-11252652	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_41709	DFKDELR	AGAP000622-PA	-	41	0.001169835	1	922.467	4.52	Ovary	X:+:11252092-11252112	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_43926	VLQESLAEADREPASSDDPDR	AGAP000622-PA	-	195	4.74E-19	1	2300.068	1.65	Head	X:+:11252551-11252613	exon=> In CDS Exon 5 of transcript AGAP000622-PA

JHU_Ag_44557	SKDFGENDATSIASAANR	AGAP000622-PA	-	143	8.19E-14	1	1853.875	6.57	Male reproductive organs	X:+:11252314-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_44667	IPLFPAAEQTAERLAETPEFK	AGAP000622-PA	-	54	3.86E-05	1	2358.250	6.62	Malpighian tubule	X:+:11248502-11248564	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_44858	TGGEEGGDGQQHQR	AGAP000622-PA	-	100	7.07E-10	1	1455.621	-0.18	Head	X:+:11251864-11251905	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_45423	AEAAVAAVAPPAATPDADGAETALPTK	AGAP000622-PA	-	118	2.32E-11	1	2476.264	3.02	Ovary	X:+:11252686-11252766	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_47178	RDDLEEQAQADELLQK	AGAP000622-PA	-	123	7.33E-12	2	1900.918	-3.55	Head	X:+:11252182-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_48358	KIPLFPAAEQTAER	AGAP000622-PA	-	72	6.89E-07	1	1570.856	-1.98	Visceras	X:+:11248499-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_49088	QQRPPRQPKPQLQDSVR	AGAP000622-PA	-	44	0.000197375	1	2058.130	-0.66	Visceras	X:+:11252005-11252055	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_50215	AGAEAHAAGLK	AGAP000622-PA	-	88	2.16E-08	1	995.529	2.24	Head	X:+:11252653-11252685	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_51095	LPSSVEEVPLVQQRR	AGAP000622-PA	-	55	1.74E-05	1	1736.968	1.54	Malpighian tubule	X:+:11249396-11249440	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_53474	QQRPPRQPKPQLQDSVR	AGAP000622-PA	-	50	4.16E-05	1	2058.135	1.48	Malpighian tubule	X:+:11252005-11252055	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_54747	TGGEEGGDGQQHQR	AGAP000622-PA	-	97	1.36E-09	1	1455.621	0.32	Malpighian tubule	X:+:11251864-11251905	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_56303	ANKTLFVAPSQK	AGAP000622-PA	-	31	0.004838997	1	1303.738	0.52	Ovary	X:+:11249333-11249368	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_57065	KLLAQIDEVTK	AGAP000622-PA	Q5(Deamidated)	38	0.001564683	2	1258.718	-5.79	Malpighian tubule	X:+:11252620-11252652	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_57348	TLFVAPSQK	AGAP000622-PA	-	58	1.16E-05	2	990.563	1.39	Male reproductive organs	X:+:11249342-11249368	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_58211	VNIDMAQEAVK	AGAP000622-PA	M5(Oxidation)	91	1.69E-08	1	1233.619	3.85	Ovary	X:+:11249285-11249317	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_58493	RDDLEEQAQADELLQK	AGAP000622-PA	-	63	8.14E-06	3	1900.934	5.11	Midgut	X:+:11252182-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_59173	ISVPQKNSAEPK	AGAP000622-PA	-	77	1.66E-07	1	1297.712	0.7	Malpighian tubule	X:+:11252245-11252280	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_60114	QPKPQLQDSVR	AGAP000622-PA	-	56	2.10E-05	1	1295.707	0.12	Visceras	X:+:11252023-11252055	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_60183	LPSSVEEVPLVQQR	AGAP000622-PA	-	47	0.000150058	1	1580.869	2.85	Salivary gland	X:+:11249396-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_60773	KIPLFPAAEQTAER	AGAP000622-PA	-	61	8.21E-06	2	1570.860	0.6	Male reproductive organs	X:+:11248499-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_61340	KIPLFPAAEQTAER	AGAP000622-PA	-	40	0.000867446	2	1570.865	3.94	Head	X:+:11248499-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_61759	AEAAVAAVAPPAATPDADGAETALPTK	AGAP000622-PA	-	61	1.02E-05	1	2476.262	2.32	Head	X:+:11252686-11252766	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_62478	QRPHPGGK	AGAP000622-PA	-	34	0.005097 53	2	876.478	-2.22	Head	X:+:11251906-11251929	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_63390	LAETPEFK	AGAP000622-PA	-	51	0.000116689	2	934.492	4	Ovary	X:+:11248541-11248564	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_64165	DDLEEQAQADELLQK	AGAP000622-PA	-	109	1.98E-10	2	1744.826	1.47	Head	X:+:11252185-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_65893	LPSSVEEVPLVQQR	AGAP000622-PA	-	99	8.34E-10	1	1580.867	1.38	Head	X:+:11249396-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_66785	MLAGEDTYEELGIDQTEPLDMVVVGCVAVSERGQR	AGAP000622-PA	M1(Oxidation), M21(Oxidation), C26(Carbamidomethyl)	94	3.83E-09	1	3898.844	7.61	Malpighian tubule	X:+:11249450-11249483,11251168-11251238	exon=> In CDS Exon 3 and 4 of transcript AGAP000622-PA

JHU_Ag_67933	TLFVAPSQKSDYLYAK	AGAP000622-PA	-	88	1.78E-08	1	1830.973	5.19	Malpighian tubule	X:+:11249342-11249389	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_71044	AGAANGTNGQPAAQQK	AGAP000622-PA	N5(Deamidated), N8(Deamidated),N8(Deamidated),"N5(Deamidated), Q10(Deamidated)"	68	1.92E-06	2	1485.694	0.59	Malpighian tubule	X:+:11251957-11252004	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_71165	DFGENDATSIASAANR	AGAP000622-PA	-	130	8.98E-13	1	1638.741	3.44	Malpighian tubule	X:+:11252320-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_71207	ALFPQGSASSNYVNR	AGAP000622-PA	-	119	2.08E-11	1	1610.792	-0.33	Visceras	X:+:11248454-11248498	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_72743	VLQESLAEADREPASSDDPDR	AGAP000622-PA	-	164	6.39E-16	1	2300.073	3.8	Midgut	X:+:11252551-11252613	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_73063	FYRQQVWTTMK	AGAP000622-PA	M10(Oxidation)	56	4.97E-05	1	1503.743	1.32	Malpighian tubule	X:+:11248421-11248453	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_73558	LGVAGAAPPADGAEQQGEEPANVSELLQEVLAATQLAAR	AGAP000622-PA	-	81	5.81E-08	1	3841.973	4.21	Malpighian tubule	X:+:11252401-11252517	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_73766	ALFPQGSASSNYVNR	AGAP000622-PA	-	136	4.65E-13	1	1610.794	0.96	Head	X:+:11248454-11248498	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_75077	IKLPSSVEEVPLVQQR	AGAP000622-PA	-	103	1.62E-10	1	1822.045	0.95	Visceras	X:+:11249390-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_75550	VIRVEPRPEPR	AGAP000622-PA	-	42	0.000159646	1	1347.788	1.81	Malpighian tubule	X:+:11251419-11251451	exon=> In CDS Exon 4 of transcript AGAP000622-PA
JHU_Ag_76033	RDDLEEQAQADELLQK	AGAP000622-PA	-	116	3.69E-11	1	1900.947	11.79	Ovary	X:+:11252182-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_77403	RDDLEEQAQADELLQK	AGAP000622-PA	-	119	1.97E-11	2	1900.921	-1.95	Male reproductive organs	X:+:11252182-11252229	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_78514	ISVPQK	AGAP000622-PA	-	32	0.004162859	1	671.410	1.92	Malpighian tubule	X:+:11252245-11252262	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_78857	TLFVAPSQK	AGAP000622-PA	-	53	4.32E-05	1	990.562	-0.01	Head	X:+:11249342-11249368	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_79350	ALFPQGSASSNYVNR	AGAP000622-PA	N11(Deamidated)	121	1.17E-11	1	1610.800	4.6	Malpighian tubule	X:+:11248454-11248498	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_80488	LAETPEFK	AGAP000622-PA	-	42	0.001300269	1	934.491	3.21	Head	X:+:11248541-11248564	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_82605	DFGENDATSIASAANR	AGAP000622-PA	-	86	2.43E-08	2	1638.740	2.54	Salivary gland	X:+:11252320-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_83406	CLLIFPK	AGAP000622-PA	C1(Carbamidomethyl)	33	0.003489585	2	890.517	0.58	Visceras	X:+:11252161-11252181	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_84846	VSNMFSVPFK	AGAP000622-PA	M4(Oxidation)	63	5.34E-06	2	1171.588	5.35	Ovary	X:+:11252062-11252091	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_85877	IPLFPAAEQTAER	AGAP000622-PA	-	75	3.48E-07	1	1442.765	0.48	Ovary	X:+:11248502-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_86925	AGAANGTNGQPAAQQK	AGAP000622-PA	N8(Deamidated)	54	4.64E-05	2	1484.716	4.45	Head	X:+:11251957-11252004	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_86979	QPKPQLQDSVR	AGAP000622-PA	-	51	5.85E-05	1	1295.711	3.43	Head	X:+:11252023-11252055	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_87830	ANKTLFVAPSQK	AGAP000622-PA	-	76	1.33E-07	1	1303.741	3.42	Malpighian tubule	X:+:11249333-11249368	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_90147	LLAQIDEVTK	AGAP000622-PA	-	74	2.81E-07	1	1129.651	4.14	Malpighian tubule	X:+:11252623-11252652	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_92359	IKLPSSVEEVPLVQQR	AGAP000622-PA	-	125	7.35E-13	1	1822.053	5.3	Malpighian tubule	X:+:11249390-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_92425	LAETPEFKQATNIK	AGAP000622-PA	-	43	0.000512535	2	1589.859	3.7	Malpighian tubule	X:+:11248541-11248571,11249274-11249284	exon=> In CDS Exon 2 and 3 of transcript AGAP000622-PA

JHU_Ag_93987	SKDFGENDATSIASAANR	AGAP000622-PA	-	89	1.91E-08	2	1853.860	-1.13	Midgut	X:+:11252314-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_94016	IKLPSSVEEVPLVQQR	AGAP000622-PA	-	107	6.59E-11	1	1822.043	-0.26	Ovary	X:+:11249390-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_95604	IKLPSSVEEVPLVQQR	AGAP000622-PA	-	70	2.51E-07	1	1822.046	1.35	Male reproductive organs	X:+:11249390-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_98228	DFGENDATSIASAANR	AGAP000622-PA	N5(Deamidated)	149	1.05E-14	1	1638.740	2.54	Head	X:+:11252320-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_98808	SDYLYAK	AGAP000622-PA	-	36	0.002260847	1	859.422	2.48	Ovary	X:+:11249369-11249389	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_99463	QPKPQLQDSVR	AGAP000622-PA	-	34	0.003281416	1	1295.709	1.8	Ovary	X:+:11252023-11252055	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_100902	SDYLYAK	AGAP000622-PA	-	46	0.000203432	2	859.421	1.83	Malpighian tubule	X:+:11249369-11249389	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_101018	SKDFGENDATSIASAANR	AGAP000622-PA	-	178	2.49E-17	1	1853.869	3.48	Head	X:+:11252314-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_101087	VNIDMAQEAVKLQVLK	AGAP000622-PA	-	41	0.000302865	1	1799.016	3.29	Malpighian tubule	X:+:11249285-11249332	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_102593	DFGENDATSIASAANR	AGAP000622-PA	-	135	2.63E-13	1	1638.740	2.69	Midgut	X:+:11252320-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_103952	LPSSVEEVPLVQQR	AGAP000622-PA	-	79	9.67E-08	1	1580.868	2.38	Ovary	X:+:11249396-11249437	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_105799	TLFVAPSQKSDYLYAK	AGAP000622-PA	-	77	2.54E-07	1	1830.965	0.93	Ovary	X:+:11249342-11249389	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_105998	CLLIFPK	AGAP000622-PA	C1(Carbamidomethyl)	45	0.000195378	1	890.517	0.1	Ovary	X:+:11252161-11252181	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_106818	KIPLFPAAEQTAER	AGAP000622-PA	-	88	1.37E-08	1	1570.866	4.48	Malpighian tubule	X:+:11248499-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_108235	VNIDMAQEAVKLQVLK	AGAP000622-PA	M5(Oxidation)	108	7.76E-11	1	1799.011	0.92	Ovary	X:+:11249285-11249332	exon=> In CDS Exon 3 of transcript AGAP000622-PA
JHU_Ag_110565	IPLFPAAEQTAER	AGAP000622-PA	-	89	1.32E-08	1	1442.771	4.8	Malpighian tubule	X:+:11248502-11248540	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_111533	ALFPQGSASSNYVNR	AGAP000622-PA	-	101	1.21E-09	1	1610.797	3.16	Salivary gland	X:+:11248454-11248498	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_115317	DFGENDATSIASAANR	AGAP000622-PA	-	140	9.15E-14	1	1638.736	0.16	Visceras	X:+:11252320-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_116312	ALFPQGSASSNYVNRK	AGAP000622-PA	-	78	2.49E-07	1	1738.893	3.49	Malpighian tubule	X:+:11248454-11248501	exon=> In CDS Exon 2 of transcript AGAP000622-PA
JHU_Ag_116621	QPKPQLQDSVR	AGAP000622-PA	-	33	0.003556815	1	1295.710	2.23	Malpighian tubule	X:+:11252023-11252055	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_116644	SKDFGENDATSIASAANR	AGAP000622-PA	-	158	2.15E-15	1	1853.870	3.87	Malpighian tubule	X:+:11252314-11252367	exon=> In CDS Exon 5 of transcript AGAP000622-PA
JHU_Ag_5966	IYIPLPDEHAR	AGAP000625-PA	-	39	0.001191255	1	1323.705	-0.79	Head	X:+:11266659-11266691	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_9558	IHLGNTAHTLTEDNLR	AGAP000625-PA	-	56	3.91E-05	1	1804.932	1.01	Salivary gland	X:+:11266707-11266754	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_13885	LYEHGVEYFLHAIK	AGAP000625-PA	-	84	5.87E-08	1	1718.894	2.44	Ovary	X:+:11264130-11264171	exon=> In CDS Exon 1 of transcript AGAP000625-PA
JHU_Ag_14162	EAVILPIK	AGAP000625-PA	-	31	0.00077983	2	882.565	-0.58	Ovary	X:+:11265300-11265323	exon=> In CDS Exon 2 of transcript AGAP000625-PA
JHU_Ag_25935	LFEPPVTMNDMLK	AGAP000625-PA	M8(Oxidation), M11(Oxidation)	47	0.000384174	2	1566.753	-0.7	Ovary	X:+:11266983-11267006,11267087-11267101	exon=> In CDS Exon 3 and 4 of transcript AGAP000625-PA
JHU_Ag_35109	TDGFSGSDISIVVR	AGAP000625-PA	-	40	0.001513084	2	1452.735	1.25	Head	X:+:11266770-11266811	exon=> In CDS Exon 3 of transcript AGAP000625-PA

JHU_Ag_35135	TDGFSGSDISIVVR	AGAP000625-PA	-	104	6.45E-10	2	1452.736	1.76	Ovary	X:+:11266770-11266811	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_36028	IHLGNTAHTLTEDNLR	AGAP000625-PA	-	117	3.29E-11	1	1804.934	1.89	Head	X:+:11266707-11266754	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_45399	EAVILPIK	AGAP000625-PA	-	30	0.000963829	2	882.566	-0.17	Salivary gland	X:+:11265300-11265323	exon=> In CDS Exon 2 of transcript AGAP000625-PA
JHU_Ag_45765	IHLGNTAHTLTEDNLR	AGAP000625-PA	-	122	9.74E-12	1	1804.939	5	Ovary	X:+:11266707-11266754	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_51660	AHKPSIVFIDEVDSLCSAR	AGAP000625-PA	C16(Carbamidomethyl)	44	0.000512022	1	2144.086	2.41	Salivary gland	X:+:11266446-11266502	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_60530	TDGFSGSDISIVVR	AGAP000625-PA	-	101	1.13E-09	1	1452.734	0.91	Salivary gland	X:+:11266770-11266811	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_60884	IYIPLPDEHAR	AGAP000625-PA	-	46	0.000255644	1	1323.703	-2.31	Ovary	X:+:11266659-11266691	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_61870	LEGAIVVEKPHVK	AGAP000625-PA	-	66	3.08E-07	1	1418.840	2.46	Malpighian tubule	X:+:11265216-11265254	exon=> In CDS Exon 2 of transcript AGAP000625-PA
JHU_Ag_68640	FPHLFTGK	AGAP000625-PA	-	39	0.002357917	1	946.515	0.68	Head	X:+:11265324-11265347	exon=> In CDS Exon 2 of transcript AGAP000625-PA
JHU_Ag_71769	DALMQPVR	AGAP000625-PA	M4(Oxidation)	39	0.001869288	2	945.482	0.06	Ovary	X:+:11266812-11266835	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_84844	IHLGNTAHTLTEDNLR	AGAP000625-PA	-	109	1.76E-10	1	1804.932	1.22	Malpighian tubule	X:+:11266707-11266754	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_90085	AHKPSIVFIDEVDSLCSAR	AGAP000625-PA	C16(Carbamidomethyl)	35	0.004850817	1	2144.086	2.34	Malpighian tubule	X:+:11266446-11266502	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_93065	AHKPSIVFIDEVDSLCSAR	AGAP000625-PA	C16(Carbamidomethyl)	62	9.44E-06	1	2144.095	6.59	Ovary	X:+:11266446-11266502	exon=> In CDS Exon 3 of transcript AGAP000625-PA
JHU_Ag_94531	LYEHGVEYFLHAIK	AGAP000625-PA	-	36	0.003848729	1	1718.889	-0.75	Visceras	X:+:11264130-11264171	exon=> In CDS Exon 1 of transcript AGAP000625-PA
JHU_Ag_106676	GNDSSDSDSDDPEK	AGAP000625-PA	-	16	0.007853587	1	1467.526	-6.32	Head	X:+:11265156-11265197	exon=> In CDS Exon 2 of transcript AGAP000625-PA
JHU_Ag_87862	GILLFGPPGTGK	AGAP000625-PA,AGAP007769-PA	-	51	5.94E-05	1	1156.674	0.94	Salivary gland	X:+:11265363-11265380,11266296-11266313;3R:-:509957-509922	exon=> In CDS Exon 2 and 3 of transcript AGAP000625-PA;exon=> In CDS Exon 2 of transcript AGAP007769-PA
JHU_Ag_102366	GILLFGPPGTGK	AGAP000625-PA,AGAP007769-PA	-	49	0.000108963	1	1156.671	-1.7	Ovary	X:+:11265363-11265380,11266296-11266313;3R:-:509957-509922	exon=> In CDS Exon 2 and 3 of transcript AGAP000625-PA;exon=> In CDS Exon 2 of transcript AGAP007769-PA
JHU_Ag_987	LTNPTDHDIYFK	AGAP000626-PA	-	86	4.09E-08	1	1463.717	0.61	Male reproductive organs	X:-:11276621-11276586	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_2718	FMVQSMVKPDDEDINLEDLWK	AGAP000626-PA	M2(Oxidation), M6(Oxidation)	71	1.27E-06	1	2584.210	6.03	Larva	X:-:11276379-11276317	exon=> In CDS Exon 3 of transcript AGAP000626-PA
JHU_Ag_4753	LTNPTDHDIYFK	AGAP000626-PA	-	97	3.08E-09	1	1463.717	0.11	Midgut	X:-:11276621-11276586	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_5801	CVFECPLDSNQPAQATDGSNAAAAAAPNSK	AGAP000626-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	119	1.23E-11	2	3062.360	0.63	Head	X:-:11276280-11276191	exon=> In CDS Exon 3 of transcript AGAP000626-PA
JHU_Ag_8169	SVPVQSVPVHYQNPYSPPPPQLGR	AGAP000626-PA	-	74	3.89E-07	1	2643.376	3.1	Salivary gland	X:-:11272537-11272466	exon=> In CDS Exon 5 of transcript AGAP000626-PA
JHU_Ag_11785	SVPVQSVPVHYQNPYSPPPPQLGR	AGAP000626-PA	-	105	2.73E-10	1	2643.369	0.26	Male reproductive organs	X:-:11272537-11272466	exon=> In CDS Exon 5 of transcript AGAP000626-PA
JHU_Ag_15558	AKPAQLLTIEPANELK	AGAP000626-PA	N-Term(Acetyl)	88	5.22E-09	1	1778.012	3.29	Malpighian tubule	X:-:11278509-11278462	exon=> In CDS Exon 1 of transcript AGAP000626-PA
JHU_Ag_16756	EQSSPAGATAAAK	AGAP000626-PA	-	54	5.25E-05	2	1188.586	0.35	Head	X:-:11272576-11272538	exon=> In CDS Exon 5 of transcript AGAP000626-PA

JHU_Ag_21939	ESQEIAIVLQPFIFDSNEKNK	AGAP000626-PA	-	89	1.30E-08	1	2449.265	1.49	Head	X:-:11276522-11276656,11276181-11276386	exon=> In CDS Exon 3 and 2 of transcript AGAP000626-PA
JHU_Ag_25679	FMVQSMVKPDDEDINLEDLWK	AGAP000626-PA	M2(Oxidation), M6(Oxidation)	44	0.000618194	1	2584.205	3.91	Malpighian tubule	X:-:11276379-11276317	exon=> In CDS Exon 3 of transcript AGAP000626-PA
JHU_Ag_28071	YCVRPNCGLLEPR	AGAP000626-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	59	1.96E-05	1	1633.787	-4.23	Head	X:-:11276561-11276523	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_28331	KYCVRPNCGLLEPR	AGAP000626-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	39	0.002095557	1	1761.890	0.93	Malpighian tubule	X:-:11276564-11276523	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_32046	LTNPTDHDIYFK	AGAP000626-PA	-	37	0.002773173	1	1463.719	1.61	Visceras	X:-:11276621-11276586	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_33303	SVPVQSVPVHYQNPYSPPPPQLGR	AGAP000626-PA	-	139	1.06E-13	1	2643.378	3.91	Head	X:-:11272537-11272466	exon=> In CDS Exon 5 of transcript AGAP000626-PA
JHU_Ag_35329	AKPAQLLTIEPANELK	AGAP000626-PA	N-Term(Acetyl)	90	3.18E-09	1	1778.012	3.43	Visceras	X:-:11278509-11278462	exon=> In CDS Exon 1 of transcript AGAP000626-PA
JHU_Ag_39605	LRDNESVLR	AGAP000626-PA	N4(Deamidated)	48	0.000312869	2	1102.589	3.62	Midgut	X:-:11275884-11275858	exon=> In CDS Exon 4 of transcript AGAP000626-PA
JHU_Ag_40420	EQIVQLHMEAEGR	AGAP000626-PA	M8(Oxidation)	39	0.001909039	2	1555.755	1.3	Head	X:-:11272621-11272583	exon=> In CDS Exon 5 of transcript AGAP000626-PA
JHU_Ag_53891	LTNPTDHDIYFK	AGAP000626-PA	-	50	0.00015492	2	1463.720	2.11	Malpighian tubule	X:-:11276621-11276586	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_55251	AKEQSSPAGATAAAK	AGAP000626-PA	-	82	9.15E-08	2	1387.717	-0.59	Salivary gland	X:-:11272582-11272538	exon=> In CDS Exon 5 of transcript AGAP000626-PA
JHU_Ag_62142	SVPVQSVPVHYQNPYSPPPPQLGR	AGAP000626-PA	-	46	0.000257708	1	2643.364	-1.33	Midgut	X:-:11272537-11272466	exon=> In CDS Exon 5 of transcript AGAP000626-PA
JHU_Ag_67253	AKPAQLLTIEPANELK	AGAP000626-PA	N-Term(Acetyl)	101	2.72E-10	1	1778.009	1.78	Male reproductive organs	X:-:11278509-11278462	exon=> In CDS Exon 1 of transcript AGAP000626-PA
JHU_Ag_67339	ESQEIAIVLQPFIFDSNEK	AGAP000626-PA	-	63	6.17E-06	2	2207.128	2.08	Head	X:-:11276522-11276656,11276181-11276392	exon=> In CDS Exon 3 and 2 of transcript AGAP000626-PA
JHU_Ag_70140	LTNPTDHDIYFKIK	AGAP000626-PA	-	65	4.59E-06	1	1704.897	0.74	Malpighian tubule	X:-:11276621-11276580	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_83784	LTNPTDHDIYFK	AGAP000626-PA	-	60	1.36E-05	2	1463.725	5.45	Ovary	X:-:11276621-11276586	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_87179	SVPVQSVPVHYQNPYSPPPPQLGR	AGAP000626-PA	-	106	2.51E-10	1	2643.369	0.54	Malpighian tubule	X:-:11272537-11272466	exon=> In CDS Exon 5 of transcript AGAP000626-PA
JHU_Ag_91672	AKPAQLLTIEPANELK	AGAP000626-PA	N-Term(Acetyl)	116	9.96E-12	1	1778.008	1.23	Head	X:-:11278509-11278462	exon=> In CDS Exon 1 of transcript AGAP000626-PA
JHU_Ag_92590	AKPAQLLTIEPANELK	AGAP000626-PA	N-Term(Acetyl)	96	8.23E-10	1	1778.008	1.23	Midgut	X:-:11278509-11278462	exon=> In CDS Exon 1 of transcript AGAP000626-PA
JHU_Ag_98702	AKPAQLLTIEPANELKFQGPFR	AGAP000626-PA	N-Term(Acetyl)	196	9.52E-20	1	2510.392	6.05	Malpighian tubule	X:-:11278509-11278512,11276504-11276646	exon=> In CDS Exon 2 and 1 of transcript AGAP000626-PA
JHU_Ag_103090	LTNPTDHDIYFK	AGAP000626-PA	-	89	1.70E-08	1	1463.717	0.28	Head	X:-:11276621-11276586	exon=> In CDS Exon 2 of transcript AGAP000626-PA
JHU_Ag_109850	FMVQSMVKPDDEDINLEDLWK	AGAP000626-PA	M2(Oxidation), M6(Oxidation)	53	7.39E-05	1	2584.195	0.15	Midgut	X:-:11276379-11276317	exon=> In CDS Exon 3 of transcript AGAP000626-PA
JHU_Ag_112362	AKPAQLLTIEPANELK	AGAP000626-PA	N-Term(Acetyl)	109	3.67E-11	1	1778.014	4.46	Salivary gland	X:-:11278509-11278462	exon=> In CDS Exon 1 of transcript AGAP000626-PA
JHU_Ag_15210	SYHVLVMDLLGPSLEDLFNFCSR	AGAP000627-PB	M7(Oxidation), C21(Carbamidomethyl)	79	1.65E-07	1	2728.309	-0.89	Ovary	X:+:11286308-11286376	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_17397	VLTGGVGIPHIR	AGAP000627-PB	-	53	9.19E-06	2	1218.732	0.46	Head	X:+:11286254-11286289	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_19271	LFLIDFGLAK	AGAP000627-PB	-	54	1.34E-05	2	1136.669	-2.5	Midgut	X:+:11286515-11286544	exon=> In CDS Exon 1 of transcript AGAP000627-PB

JHU_Ag_25449	HPQLTYEYK	AGAP000627-PB	-	45	0.000519295	2	1178.581	-2.51	Head	X:+:11286218-11286244	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_28200	LFLIDFGLAK	AGAP000627-PB	-	60	3.41E-06	1	1136.673	1.47	Ovary	X:+:11286515-11286544	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_28385	DIKPDNFLMGIGR	AGAP000627-PB	M9(Oxidation)	51	0.000153806	1	1491.764	0.67	Ovary	X:+:11286464-11286502	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_50975	FEEGPDYMYLR	AGAP000627-PB	M8(Oxidation)	59	8.78E-06	2	1435.620	0.19	Ovary	X:+:11286860-11286892	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_55415	VLTGGVGIPHIR	AGAP000627-PB	-	42	0.000142808	1	1218.730	-1.52	Ovary	X:+:11286254-11286289	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_70859	YASINAHLGIEQSR	AGAP000627-PB	-	60	1.53E-05	1	1558.802	3.06	Head	X:+:11286617-11286658	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_82610	VESILAR	AGAP000627-PB	-	40	0.002234164	2	787.467	-0.39	Ovary	X:+:11286197-11286217	exon=> In CDS Exon 1 of transcript AGAP000627-PB
JHU_Ag_47163	LAGVQPNATRPIAEVYGR	AGAP000628-PA,AGAP013360-PA	-	59	5.20E-06	1	1912.047	3.54	Ovary	X:+:11306538-11306591;X:+:11319244-11319297	exon=> In CDS Exon 1 of transcript AGAP000628-PA;exon=> In CDS Exon 1 of transcript AGAP013360-PA
JHU_Ag_19344	LLSAPVPVPGSTR	AGAP000630-PA	-	53	1.33E-05	1	1293.752	-0.64	Head	X:-:11351513-11351475	exon=> In CDS Exon 3 of transcript AGAP000630-PA
JHU_Ag_60436	IQQTHLPQQSSPK	AGAP000630-PA	-	51	8.57E-05	2	1491.794	1.7	Head	X:-:11335685-11335647	exon=> In CDS Exon 15 of transcript AGAP000630-PA
JHU_Ag_64772	DSGGSHEAVTGVK	AGAP000630-PA	-	62	8.85E-06	2	1243.592	0.27	Head	X:-:11349586-11349548	exon=> In CDS Exon 5 of transcript AGAP000630-PA
JHU_Ag_72693	GTSMLQQQQLK	AGAP000630-PA	Q8(Deamidated)	39	0.002071395	1	1262.659	14.27	Malpighian tubule	X:-:11348440-11348408	exon=> In CDS Exon 7 of transcript AGAP000630-PA
JHU_Ag_6146	ERPSEEGAAGGNNGVSATTVR	AGAP000633-PA	N13(Deamidated)	128	2.65E-12	1	2058.982	1.04	Malpighian tubule	X:+:11372069-11372131	exon=> In CDS Exon 2 of transcript AGAP000633-PA
JHU_Ag_14660	FQLKPTSPGSVGYVVQK	AGAP000633-PA	-	70	5.69E-07	1	1835.015	4.81	Head	X:+:11371505-11371555	exon=> In CDS Exon 2 of transcript AGAP000633-PA
JHU_Ag_21059	ALDAILVVLDEHNIR	AGAP000633-PA	-	68	6.48E-07	1	1690.951	1.1	Head	X:+:11371691-11371735	exon=> In CDS Exon 2 of transcript AGAP000633-PA
JHU_Ag_41914	ALDAILVVLDEHNIR	AGAP000633-PA	-	72	2.55E-07	1	1690.953	2.29	Ovary	X:+:11371691-11371735	exon=> In CDS Exon 2 of transcript AGAP000633-PA
JHU_Ag_46294	ALDAILVVLDEHNIR	AGAP000633-PA	-	62	1.94E-06	3	1690.955	3.92	Malpighian tubule	X:+:11371691-11371735	exon=> In CDS Exon 2 of transcript AGAP000633-PA
JHU_Ag_60966	DYRDETVQLAGQFK	AGAP000633-PA	-	75	5.11E-07	2	1669.829	6.77	Ovary	X:+:11372648-11372689	exon=> In CDS Exon 2 of transcript AGAP000633-PA
JHU_Ag_67012	DAEIAALKR	AGAP000633-PA	-	53	6.96E-05	1	986.562	-0.93	Malpighian tubule	X:+:11371826-11371852	exon=> In CDS Exon 2 of transcript AGAP000633-PA
JHU_Ag_55158	AQKSWVLIEK	AGAP000635-PA	-	29	0.010523405	1	1201.694	-0.18	Head	X:+:11395775-11395804	exon=> In CDS Exon 8 of transcript AGAP000635-PA
JHU_Ag_111427	FPYLAQK	AGAP000637-PA	-	38	0.001524081	1	866.475	-2.53	Visceras	X:+:11408601-11408621	exon=> In CDS Exon 3 of transcript AGAP000637-PA
JHU_Ag_114818	ANTAHLFR	AGAP000637-PA	N-Term(Acetyl)	54	4.40E-05	2	971.504	-2.25	Head	X:+:11407476-11407499	exon=> In CDS Exon 1 of transcript AGAP000637-PA
JHU_Ag_14423	ISIELK	AGAP000638-PA	N-Term(Acetyl)	36	0.001384074	2	744.449	-1.6	Visceras	X:+:11413682-11413699	exon=> In CDS Exon 1 of transcript AGAP000638-PA
JHU_Ag_65645	ISIELK	AGAP000638-PA	N-Term(Acetyl)	41	0.000393694	1	744.450	-0.36	Head	X:+:11413682-11413699	exon=> In CDS Exon 1 of transcript AGAP000638-PA
JHU_Ag_103035	ISIELK	AGAP000638-PA	N-Term(Acetyl)	41	0.000687081	1	744.459	11.7	Male reproductive organs	X:+:11413682-11413699	exon=> In CDS Exon 1 of transcript AGAP000638-PA
JHU_Ag_24493	LSAADHTVTHTASLGHGPPLFAVTLR	AGAP000648-PA	-	132	3.15E-13	1	2669.431	5.67	Malpighian tubule	X:+:11595134-11595211	exon=> In CDS Exon 1 of transcript AGAP000648-PA
JHU_Ag_73907	VCYDSAQGR	AGAP000648-PA	C2(Carbamidomethyl)	55	1.65E-05	2	1055.460	1.91	Malpighian tubule	X:+:11594087-11594113	exon=> In CDS Exon 1 of transcript AGAP000648-PA

JHU_Ag_112215	FLHFLTLQLDGQPEAK	AGAP000648-PA	-	43	0.000429577	1	1856.996	2.69	Malpighian tubule	X:+:11594411-11594458	exon=> In CDS Exon 1 of transcript AGAP000648-PA
JHU_Ag_3489	HTELSK	AGAP000649-PA	-	29	0.005974147	1	714.376	-2.8	Head	X:-:11598416-11598399	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_17838	ATVKPAVFVNISGVSHYAPGSQK	AGAP000649-PA	-	53	3.29E-05	1	2357.266	1.95	Pupa	X:-:11598485-11598417	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_24258	HDLPWIHADDLCGLIR	AGAP000649-PA	C12(Carbamidomethyl)	82	1.06E-07	1	1930.964	2.63	Ovary	X:-:11598209-11598162	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_34880	ATVKPAVFVNISGVSHYAPGSQK	AGAP000649-PA	-	75	1.88E-07	1	2357.270	3.58	Malpighian tubule	X:-:11598485-11598417	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_37715	EGLPSGTTAVVNLAGQNVLDPTR	AGAP000649-PA	-	93	4.80E-09	2	2309.209	-0.39	Head	X:-:11598635-11598567	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_43867	SHVVIGGGTGFIGR	AGAP000649-PA	N-Term(Acetyl)	86	2.33E-08	2	1398.748	-0.57	Midgut	X:-:11598995-11598998,11597883-11598732	exon=> In CDS Exon 2 and 1 of transcript AGAP000649-PA
JHU_Ag_47374	HDLPWIHADDLCGLIR	AGAP000649-PA	C12(Carbamidomethyl)	99	2.39E-09	1	1930.963	2.12	Malpighian tubule	X:-:11598209-11598162	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_48472	SHVVIGGGTGFIGR	AGAP000649-PA	N-Term(Acetyl)	64	3.42E-06	2	1398.751	1.78	Pupa	X:-:11598995-11598998,11597883-11598732	exon=> In CDS Exon 2 and 1 of transcript AGAP000649-PA
JHU_Ag_48831	SHVVIGGGTGFIGR	AGAP000649-PA	N-Term(Acetyl)	84	4.43E-08	1	1398.754	3.35	Malpighian tubule	X:-:11598995-11598998,11597883-11598732	exon=> In CDS Exon 2 and 1 of transcript AGAP000649-PA
JHU_Ag_51651	FAIERPEVSGVLNGVAPELATNADFTK	AGAP000649-PA	-	63	3.98E-06	1	2845.480	2.46	Malpighian tubule	X:-:11598161-11598081	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_53507	VLEYGFQYRYPDLQSACK	AGAP000649-PA	C17(Carbamidomethyl)	36	0.004052569	1	2237.075	2.45	Malpighian tubule	X:-:11597957-11597904	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_58191	FAIERPEVSGVLNGVAPELATNADFTK	AGAP000649-PA	-	96	2.14E-09	1	2845.475	0.46	Ovary	X:-:11598161-11598081	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_64689	SHVVIGGGTGFIGR	AGAP000649-PA	N-Term(Acetyl)	122	6.21E-12	1	1398.751	1.43	Head	X:-:11598995-11598998,11597883-11598732	exon=> In CDS Exon 2 and 1 of transcript AGAP000649-PA
JHU_Ag_65418	EGLPSGTTAVVNLAGQNVLDPTR	AGAP000649-PA	-	56	2.81E-05	2	2309.214	2.04	Pupa	X:-:11598635-11598567	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_66608	SHVVIGGGTGFIGR	AGAP000649-PA	N-Term(Acetyl)	58	1.54E-05	1	1398.745	-3.02	Salivary gland	X:-:11598995-11598998,11597883-11598732	exon=> In CDS Exon 2 and 1 of transcript AGAP000649-PA
JHU_Ag_77230	FAIERPEVSGVLNGVAPELATNADFTK	AGAP000649-PA	-	134	3.37E-13	1	2845.485	4.2	Head	X:-:11598161-11598081	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_92092	FAIERPEVSGVLNGVAPELATNADFTK	AGAP000649-PA	-	48	0.000159716	1	2845.462	-3.91	Midgut	X:-:11598161-11598081	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_93814	TLLAEGHEVTTISR	AGAP000649-PA	-	95	3.12E-09	1	1526.821	2.2	Malpighian tubule	X:-:11598719-11598678	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_95699	EGLPSGTTAVVNLAGQNVLDPTRR	AGAP000649-PA	-	62	3.74E-06	1	2465.314	1.4	Head	X:-:11598635-11598564	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_103969	ATVKPAVFVNISGVSHYAPGSQK	AGAP000649-PA	-	57	1.39E-05	1	2357.260	-0.46	Midgut	X:-:11598485-11598417	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_105463	ATVKPAVFVNISGVSHYAPGSQK	AGAP000649-PA	-	63	3.11E-06	1	2357.264	1.07	Salivary gland	X:-:11598485-11598417	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_108000	TLLAEGHEVTTISR	AGAP000649-PA	-	114	3.60E-11	1	1526.819	1	Head	X:-:11598719-11598678	exon=> In CDS Exon 2 of transcript AGAP000649-PA
JHU_Ag_43587	TEILALLQPIR	AGAP000650-PA	-	51	9.73E-06	2	1266.778	-0.43	Midgut	X:-:11653220-11653188	exon=> In CDS Exon 1 of transcript AGAP000650-PA
JHU_Ag_77090	TEILALLQPIR	AGAP000650-PA	-	72	9.11E-08	2	1266.782	3.33	Ovary	X:-:11653220-11653188	exon=> In CDS Exon 1 of transcript AGAP000650-PA

JHU_Ag_1646	EKMTQIMFETFNTPAMYVAIQAVLSLYASGR	AGAP000651-PA	M3(Oxidation), M7(Oxidation), M16(Oxidation),"M3(Oxidation), Q5(Deamidated), N12(Deamidated), M16(Oxidation)"	103	6.28E-10	1	3558.734	0.66	Ovary	X:-:11657113-11657021	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_3617	CPEALFQPSFLGMEACGIHETTYNSIMK	AGAP000651-PA	C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl), M27(Oxidation),"C1(Carbamidomethyl), C16(Carbamidomethyl)","C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl)","C1(Carbamidomethyl), C16(Carbamidomethyl), M27(Oxidation)"	152	5.90E-15	1	3231.469	2.11	Malpighian tubule	X:-:11656693-11656610	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_4562	MTQIMFETFNTPAMYVAIQAVLSLYASGR	AGAP000651-PA	M1(Oxidation), M5(Oxidation), M14(Oxidation)	92	7.48E-09	1	3301.605	3.15	Malpighian tubule	X:-:11657107-11657021	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_7083	EKLCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C4(Carbamidomethyl), M14(Oxidation),C4(Carbamidomethyl)	54	4.89E-05	1	2823.306	0.02	Head	X:-:11656822-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_7292	LCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)"	181	9.70E-18	1	2550.177	1.31	Salivary gland	X:-:11656816-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_12676	LCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)"	136	3.08E-13	2	2550.181	2.65	Head	X:-:11656816-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_13124	QEYDESGPSIVHR	AGAP000651-PA	-	97	2.37E-09	1	1516.713	6.92	Salivary gland	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_14481	QEYDESGPSIVHR	AGAP000651-PA	Q1(Deamidated)	91	8.66E-09	1	1516.703	0.28	Head	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_14854	MQKEITALAPSTMK	AGAP000651-PA	M1(Oxidation), M13(Oxidation),M1(Oxidation),M13(Oxidation)	88	2.48E-08	1	1564.811	2.11	Malpighian tubule	X:-:11656525-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_15036	QEYDESGPSIVHR	AGAP000651-PA	-	69	1.41E-06	1	1516.710	4.81	Male reproductive organs	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_15808	QEYDESGPSIVHRK	AGAP000651-PA	-	71	1.20E-06	1	1644.797	-0.61	Head	X:-:11656384-11656343	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_17213	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	60	1.41E-05	1	1161.619	0.32	Salivary gland	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_19226	EITALAPSTMKIK	AGAP000651-PA	M10(Oxidation)	71	5.45E-07	1	1418.793	0.69	Malpighian tubule	X:-:11656516-11656478	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_19476	LCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNER	AGAP000651-PA	C2(Carbamidomethyl), M12(Oxidation)	49	0.00011722	3	4338.053	2.32	Malpighian tubule	X:-:11656816-11656700	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_25017	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	93	8.11E-09	1	1161.618	-0.35	Midgut	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_26971	LCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C2(Carbamidomethyl)	117	2.77E-11	2	2550.183	3.71	Visceras	X:-:11656816-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA

JHU_Ag_27130	QEYDESGPSIVHR	AGAP000651-PA	-	77	1.79E-07	1	1516.703	-0.09	Visceras	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_28406	QEYDESGPSIVHR	AGAP000651-PA	-	96	2.41E-09	1	1516.702	-0.45	Malpighian tubule	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_36209	CPEALFQPSFLGMEACGIHETTYNSIMK	AGAP000651-PA	C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl), M27(Oxidation)	114	3.19E-11	1	3263.454	0.68	Ovary	X:-:11656693-11656610	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_38087	QEYDESGPSIVHR	AGAP000651-PA	-	94	4.01E-09	1	1516.704	0.64	Ovary	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_38484	QEYDESGPSIVHRK	AGAP000651-PA	-	35	0.004648238	1	1644.796	-0.95	Malpighian tubule	X:-:11656384-11656343	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_46859	QEYDESGPSIVHR	AGAP000651-PA	-	100	9.84E-10	1	1516.695	-5.04	Midgut	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_72340	LCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)"	166	3.53E-16	1	2550.184	3.9	Malpighian tubule	X:-:11656816-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_73638	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	59	1.73E-05	1	1177.614	0.24	Head	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_76036	CPEALFQPSFLGMEACGIHETTYNSIMK	AGAP000651-PA	C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl), M27(Oxidation),"C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl)","C1(Carbamidomethyl), C16(Carbamidomethyl), M27(Oxidation)"	131	7.85E-13	1	3263.465	3.93	Head	X:-:11656693-11656610	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_76350	QEYDESGPSIVHR	AGAP000651-PA	-	90	9.99E-09	1	1516.708	3.6	Larva	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_77999	EKLCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C4(Carbamidomethyl), M14(Oxidation)	120	1.29E-11	1	2823.305	-0.5	Midgut	X:-:11656822-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_78150	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	56	3.62E-05	2	1177.618	3.91	Larva	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_80559	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	61	1.16E-05	1	1177.614	0.8	Ovary	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_86672	CPEALFQPSFLGMEACGIHETTYNSIMK	AGAP000651-PA	C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl), M27(Oxidation),"C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl)","C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl)","C1(Carbamidomethyl), C16(Carbamidomethyl), M27(Oxidation)"	120	8.08E-12	1	3247.445	-3.74	Midgut	X:-:11656693-11656610	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_87883	EITALAPSTMK	AGAP000651-PA	-	53	7.65E-05	2	1161.617	-0.84	Visceras	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA

JHU_Ag_88097	FRCPEALFQPSFLGMEACGIHETTYNSIMK	AGAP000651-PA	C3(Carbamidomethyl), M15(Oxidation), C18(Carbamidomethyl),"C3(Carbamidomethyl), C18(Carbamidomethyl)","C3(Carbamidomethyl), M15(Oxidation), C18(Carbamidomethyl), M29(Oxidation)","C3(Carbamidomethyl), C18(Carbamidomethyl), M29(Oxidation)"	146	2.75E-14	1	3534.645	3.69	Malpighian tubule	X:-:11656699-11656610	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_99960	LCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)"	181	1.01E-17	1	2566.184	6.05	Ovary	X:-:11656816-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_100116	MTQIMFETFNTPAMYVAIQAVLSLYASGR	AGAP000651-PA	M1(Oxidation), M5(Oxidation), M14(Oxidation),"Q3(Deamidated), N10(Deamidated), M14(Oxidation)","M1(Oxidation), N10(Deamidated), M14(Oxidation)","M5(Oxidation), N10(Deamidated), M14(Oxidation)","Q3(Deamidated), M14(Oxidation), Q19(Deamidated)","M1(Oxidation), M14(Oxidation), Q19(Deamidated)","M5(Oxidation), M14(Oxidation), Q19(Deamidated)"	78	1.94E-07	1	3301.605	3.37	Midgut	X:-:11657107-11657021	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_100914	YPIEHGIVTNWDDMEKIWHHTFYNELR	AGAP000651-PA	M14(Oxidation)	83	6.50E-08	1	3443.628	0.25	Midgut	X:-:11657257-11657177	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_101143	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	63	8.28E-06	1	1161.617	-1.61	Pupa	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_108161	QEYDESGPSIVHRK	AGAP000651-PA	-	108	2.25E-10	1	1644.795	-1.4	Pupa	X:-:11656384-11656343	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_108290	EKLCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M14(Oxidation)"	123	6.58E-12	1	2807.315	1.3	Salivary gland	X:-:11656822-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA

JHU_Ag_108759	MTQIMFETFNTPAMYVAIQAVLSLYASGR	AGAP000651-PA	Q3(Deamidated), N10(Deamidated), M14(Oxidation),"M1(Oxidation), M5(Oxidation), M14(Oxidation)","M5(Oxidation), N10(Deamidated), M14(Oxidation), Q19(Deamidated)","M1(Oxidation), Q3(Deamidated), M5(Oxidation), N10(Deamidated)","M1(Oxidation), Q3(Deamidated), M5(Oxidation), Q19(Deamidated)","Q3(Deamidated), M5(Oxidation), N10(Deamidated), M14(Oxidation)","M1(Oxidation), N10(Deamidated), M14(Oxidation), Q19(Deamidated)","M1(Oxidation), M5(Oxidation), N10(Deamidated),	116	3.32E-11	1	3301.601	1.93	Ovary	X:-:11657107-11657021	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_110075	QEYDESGPSIVHRK	AGAP000651-PA	-	52	9.43E-05	1	1644.796	-0.73	Visceras	X:-:11656384-11656343	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_110123	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	47	0.000331495	1	1177.616	1.83	Male reproductive organs	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_110962	YPIEHGIVTNWDDMEK	AGAP000651-PA	M14(Oxidation)	108	2.08E-10	1	1962.891	0.32	Midgut	X:-:11657257-11657210	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_111482	LCYVALDFEQEMATAASSSSLEK	AGAP000651-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)","C2(Carbamidomethyl), Q10(Deamidated), M12(Oxidation)"	135	3.39E-13	2	2566.168	-0.23	Midgut	X:-:11656816-11656748	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_112393	QEYDESGPSIVHR	AGAP000651-PA	-	97	2.12E-09	1	1516.702	-0.57	Pupa	X:-:11656384-11656346	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_112896	EITALAPSTMK	AGAP000651-PA	M10(Oxidation)	78	2.17E-07	1	1161.618	-0.04	Malpighian tubule	X:-:11656516-11656484	exon=> In CDS Exon 1 of transcript AGAP000651-PA
JHU_Ag_113253	CPEALFQPSFLGMEACGIHETTYNSIMK	AGAP000651-PA	C1(Carbamidomethyl), C16(Carbamidomethyl),"C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl)","C1(Carbamidomethyl), C16(Carbamidomethyl), M27(Oxidation)"	169	1.15E-16	1	3231.468	1.99	Salivary gland	X:-:11656693-11656610	exon=> In CDS Exon 1 of transcript AGAP000651-PA

JHU_Ag_6533	YSVWIGGSILASLSTFQQMWISK	AGAP000651-PA,AGAP005095-PA	M19(Oxidation)	97	2.33E-09	2	2618.347	5.46	Midgut	X:-:11656453-11656385;2L:+:9971212-9971227,9971309-9971361	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005095-PA
JHU_Ag_58950	KYSVWIGGSILASLSTFQQMWISK	AGAP000651-PA,AGAP005095-PA	M20(Oxidation)	46	0.000249459	3	2746.421	-2.18	Midgut	X:-:11656456-11656385;2L:+:9971209-9971227,9971309-9971361	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005095-PA
JHU_Ag_18601	GILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	27	0.004703687	1	644.435	2.04	Malpighian tubule	X:-:11657275-11657258;2L:+:9970390-9970407;2R:-:8003197-8003180;3L:+:26318605-26318622;3L:-:26294570-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_29010	RGILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	33	0.002061813	2	800.535	-0.49	Pupa	X:-:11657278-11657258;2L:+:9970387-9970407;2R:-:8003200-8003180;3L:+:26318602-26318622;3L:-:26294573-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_49577	GILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	30	0.002057967	1	644.435	0.71	Salivary gland	X:-:11657275-11657258;2L:+:9970390-9970407;2R:-:8003197-8003180;3L:+:26318605-26318622;3L:-:26294570-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_53241	GILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	29	0.002873068	1	644.435	0.62	Visceras	X:-:11657275-11657258;2L:+:9970390-9970407;2R:-:8003197-8003180;3L:+:26318605-26318622;3L:-:26294570-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_56150	RGILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	27	0.003439	2	800.538	3.25	Malpighian tubule	X:-:11657278-11657258;2L:+:9970387-9970407;2R:-:8003200-8003180;3L:+:26318602-26318622;3L:-:26294573-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_59679	GILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	43	0.000100	1	644.433	-1.46	Midgut	X:-:11657275-11657258;2L:+:9970390-9970407;2R:-:8003197-8003180;3L:+:26318605-26318622;3L:-:26294570-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_67843	GILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	31	0.001838	1	644.433	-1.84	Head	X:-:11657275-11657258;2L:+:9970390-9970407;2R:-:8003197-8003180;3L:+:26318605-26318622;3L:-:26294570-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_92836	GILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	36	0.000596	1	644.435	1	Pupa	X:-:11657275-11657258;2L:+:9970390-9970407;2R:-:8003197-8003180;3L:+:26318605-26318622;3L:-:26294570-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_105106	GILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	33	0.001062	1	644.434	-0.33	Male reproductive organs	X:-:11657275-11657258;2L:+:9970390-9970407;2R:-:8003197-8003180;3L:+:26318605-26318622;3L:-:26294570-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_105509	RGILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	34	0.001528443	2	800.533	-2.32	Head	X:-:11657278-11657258;2L:+:9970387-9970407;2R:-:8003200-8003180;3L:+:26318602-26318622;3L:-:26294573-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_112121	RGILTLK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	26	0.003985051	2	800.537	1.64	Larva	X:-:11657278-11657258;2L:+:9970387-9970407;2R:-:8003200-8003180;3L:+:26318602-26318622;3L:-:26294573-26294553	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_98	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	42	0.000133055	1	923.567	-0.09	Ovary	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_5685	CDVDIRK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	41	0.001253679	1	905.452	0.74	Ovary	X:-:11656609-11656589;2L:+:9971056-9971076;2R:-:8002531-8002511;3L:+:26319271-26319291;3L:-:26299601-26299581	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_5995	CDVDIR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	37	0.002802457	2	777.356	0.39	Salivary gland	X:-:11656609-11656592;2L:+:9971056-9971073;2R:-:8002531-8002514;3L:+:26319271-26319288;3L:-:26299601-26299584	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_10642	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	42	0.000148324	1	923.567	-0.82	Midgut	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_12080	CDVDIRK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	36	0.004132247	1	905.451	0.07	Midgut	X:-:11656609-11656589;2L:+:9971056-9971076;2R:-:8002531-8002511;3L:+:26319271-26319291;3L:-:26299601-26299581	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_14534	CDVDIR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	46	0.000320088	2	777.357	1.18	Visceras	X:-:11656609-11656592;2L:+:9971056-9971073;2R:-:8002531-8002514;3L:+:26319271-26319288;3L:-:26299601-26299584	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_17011	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	43	0.000108825	1	795.471	-1.72	Midgut	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_18644	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	43	0.000191626	1	795.476	4.04	Male reproductive organs	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_23509	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	N14(Deamidated),Q8(Deamidated)	128	2.93E-12	1	1790.896	2.47	Pupa	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_27329	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	N14(Deamidated)	116	4.03E-11	1	1790.894	0.9	Ovary	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_27364	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	124	7.12E-12	1	1790.898	3.49	Malpighian tubule	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_28698	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	42	0.000104014	1	923.571	3.81	Male reproductive organs	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_29432	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	43	0.000224747	1	795.472	-0.87	Visceras	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_31846	SYELPDGQVITIGNERFR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	78	2.25E-07	1	2094.065	1.53	Malpighian tubule	X:-:11656747-11656694;2L:+:9970918-9970971;2R:-:8002669-8002616;3L:+:26319133-26319186;3L:-:26299739-26299686	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_32846	CDVDIR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	43	0.000691677	2	777.358	2.35	Malpighian tubule	X:-:11656609-11656592;2L:+:9971056-9971073;2R:-:8002531-8002514;3L:+:26319271-26319288;3L:-:26299601-26299584	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_34622	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	31	0.004233442	1	795.472	-0.8	Malpighian tubule	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_36589	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	112	1.14E-10	1	1790.893	0.83	Male reproductive organs	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_41446	CDVDIR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	46	0.000377172	2	777.356	-0.16	Midgut	X:-:11656609-11656592;2L:+:9971056-9971073;2R:-:8002531-8002514;3L:+:26319271-26319288;3L:-:26299601-26299584	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_41461	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	N14(Deamidated)	131	1.46E-12	1	1790.897	2.6	Head	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_47417	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	43	0.000113 82	1	923.567	-0.16	Malpighian tubule	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_51127	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	42	0.000123 603	1	923.568	0.5	Visceras	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_51958	IKIIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	35	0.000341 342	1	1036.651	-0.58	Midgut	X:-:11656483-11656457;2L:+:9971182-9971208;2R:-:8002315-8002289;3L:+:26319476-26319502;3L:-:26299475-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_56904	IKIIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	31	0.000865 345	1	1036.650	-1.4	Head	X:-:11656483-11656457;2L:+:9971182-9971208;2R:-:8002315-8002289;3L:+:26319476-26319502;3L:-:26299475-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_57365	IKIIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	53	4.96E-06	1	1036.653	1.19	Malpighian tubule	X:-:11656483-11656457;2L:+:9971182-9971208;2R:-:8002315-8002289;3L:+:26319476-26319502;3L:-:26299475-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_62288	IKIIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	36	0.000250144	1	1036.651	-0.46	Visceras	X:-:11656483-11656457;2L:+:9971182-9971208;2R:-:8002315-8002289;3L:+:26319476-26319502;3L:-:26299475-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_62290	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	42	9.27E-05	1	923.570	3.28	Larva	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_65333	CDVDIRK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	39	0.002080589	2	905.451	0.4	Malpighian tubule	X:-:11656609-11656589;2L:+:9971056-9971076;2R:-:8002531-8002511;3L:+:26319271-26319291;3L:-:26299601-26299581	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_68147	CDVDIRK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	49	0.000207058	2	905.452	0.74	Visceras	X:-:11656609-11656589;2L:+:9971056-9971076;2R:-:8002531-8002511;3L:+:26319271-26319291;3L:-:26299601-26299581	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_68795	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	N14(Deamidated)	110	1.95E-10	1	1790.897	2.67	Salivary gland	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_72649	IKIIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	57	2.30E-06	1	1036.650	-0.93	Pupa	X:-:11656483-11656457;2L:+:9971182-9971208;2R:-:8002315-8002289;3L:+:26319476-26319502;3L:-:26299475-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_78216	IKIIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	54	3.50E-06	1	1036.661	9.67	Male reproductive organs	X:-:11656483-11656457;2L:+:9971182-9971208;2R:-:8002315-8002289;3L:+:26319476-26319502;3L:-:26299475-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_85536	IKIIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	53	4.55E-06	1	1036.653	2.01	Salivary gland	X:-:11656483-11656457;2L:+:9971182-9971208;2R:-:8002315-8002289;3L:+:26319476-26319502;3L:-:26299475-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_85607	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	31	0.003717171	1	795.474	1.81	Larva	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_87059	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	30	0.004057	1	795.473	1.27	Salivary gland	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_88766	CDVDIR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	43	0.000656	2	777.356	0.23	Ovary	X:-:11656609-11656592;2L:+:9971056-9971073;2R:-:8002531-8002514;3L:+:26319271-26319288;3L:-:26299601-26299584	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_90762	CDVDIRK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	45	0.000467	1	905.448	-3.3	Head	X:-:11656609-11656589;2L:+:9971056-9971076;2R:-:8002531-8002511;3L:+:26319271-26319291;3L:-:26299601-26299581	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_98844	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	34	0.000860	1	795.471	-1.41	Pupa	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_102102	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	43	0.000224	1	795.473	0.74	Ovary	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_103271	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	42	0.000123603	1	923.568	0.24	Head	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_105104	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	N14(Deamidated),Q8(Deamidated)	123	7.74E-12	1	1790.892	-0.26	Midgut	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_107239	CDVDIR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	C1(Carbamidomethyl)	43	0.000539392	2	777.355	-0.86	Head	X:-:11656609-11656592;2L:+:9971056-9971073;2R:-:8002531-8002514;3L:+:26319271-26319288;3L:-:26299601-26299584	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_108822	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	N14(Deamidated)	123	8.09E-12	1	1790.899	4.1	Larva	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_109783	IIAPPER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	31	0.003914656	1	795.472	-0.26	Head	X:-:11656477-11656457;2L:+:9971188-9971208;2R:-:8002309-8002289;3L:+:26319482-26319502;3L:-:26299469-26299449	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_110955	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	37	0.000363103	1	923.567	-0.02	Salivary gland	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_112173	SYELPDGQVITIGNER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	N14(Deamidated)	120	1.53E-11	1	1790.897	3.01	Visceras	X:-:11656747-11656700;2L:+:9970918-9970965;2R:-:8002669-8002622;3L:+:26319133-26319180;3L:-:26299739-26299692	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_112722	IIAPPERK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA	-	46	6.25E-05	1	923.566	-0.95	Pupa	X:-:11656477-11656454;2L:+:9971188-9971211;2R:-:8002309-8002286;3L:+:26319482-26319505;3L:-:26299469-26299446	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_789	GYSFTTTAEREIVR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	54	6.83E-05	1	1629.827	2.39	Malpighian tubule	X:-:11656873-11656832;2L:+:9970792-9970833;2R:-:8002795-8002754;3L:+:26319007-26319048;3L:-:26299865-26299824;3L:-:26294168-26294127	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_2209	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	67	1.75E-06	1	1014.479	-2.17	Head	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_2781	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	69	1.32E-06	2	1132.529	2	Larva	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_2791	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	81	1.18E-07	1	1515.751	1.24	Visceras	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_4288	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	83	5.53E-08	1	976.449	0.75	Malpighian tubule	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_8404	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	79	7.22E-08	1	1198.706	0.65	Malpighian tubule	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_9589	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	73	2.12E-07	1	1198.710	3.91	Larva	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_10372	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	83	4.88E-08	1	976.448	-0.25	Ovary	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_10879	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	83	4.64E-08	2	1132.526	-0.48	Salivary gland	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_16102	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	73	5.55E-07	2	1132.526	-0.7	Visceras	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_16606	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N16(Deamidated)	124	2.87E-12	1	1954.062	-1.44	Pupa	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_20892	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	129	9.36E-13	1	1954.065	0.44	Visceras	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_21476	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	79	7.17E-08	1	1198.706	0.65	Male reproductive organs	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_21651	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	68	1.65E-06	2	1132.525	-1.67	Ovary	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_25636	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	55	2.70E-05	1	998.490	3.75	Malpighian tubule	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_29013	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	72	6.28E-07	2	1132.526	-0.48	Male reproductive organs	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_29465	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N8(Deamidated)	103	7.58E-10	1	1516.736	2.09	Midgut	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_33165	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	72	6.44E-07	1	976.450	2.12	Midgut	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_33317	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N8(Deamidated)	77	2.97E-07	1	1515.750	0.76	Ovary	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_33353	GYSFTTTAEREIVR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	36	0.003991973	1	1629.829	3.67	Ovary	X:-:11656873-11656832;2L:+:9970792-9970833;2R:-:8002795-8002754;3L:+:26319007-26319048;3L:-:26299865-26299824;3L:-:26294168-26294127	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_33865	ILTERGYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	92	8.94E-09	1	1744.886	-0.27	Malpighian tubule	X:-:11656888-11656844;2L:+:9970777-9970821;2R:-:8002810-8002766;3L:+:26318992-26319036;3L:-:26299880-26299836;3L:-:26294183-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_36150	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	75	3.35E-07	2	976.452	3.31	Larva	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_36287	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	61	5.78E-06	1	1014.481	-0.43	Visceras	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_36299	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	83	5.41E-08	1	976.448	-0.75	Head	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_38788	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	78	1.73E-07	2	1132.530	2.54	Pupa	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_38927	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	72	6.53E-07	2	1132.526	-0.7	Midgut	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_42815	ILTERGYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	98	2.11E-09	1	1744.888	0.78	Head	X:-:11656888-11656844;2L:+:9970777-9970821;2R:-:8002810-8002766;3L:+:26318992-26319036;3L:-:26299880-26299836;3L:-:26294183-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_46650	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	83	5.31E-08	1	976.448	0.06	Visceras	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_49086	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	81	1.13E-07	1	1515.749	-0.27	Male reproductive organs	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_49756	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N8(Deamidated)	103	7.72E-10	1	1516.735	1.2	Pupa	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_54221	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N8(Deamidated)	77	2.87E-07	1	1515.751	0.94	Salivary gland	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_60951	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	79	7.27E-08	1	1198.708	1.97	Pupa	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_64052	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	81	1.02E-07	2	976.447	-1.13	Male reproductive organs	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_64309	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	77	1.99E-07	2	1132.527	-0.37	Head	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_70473	DLTDYLMKILTER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	44	0.000451225	1	1626.848	4.39	Head	X:-:11656912-11656874;2L:+:9970753-9970791;2R:-:8002834-8002796;3L:+:26318968-26319006;3L:-:26299904-26299866;3L:-:26294207-26294169	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_74896	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	95	4.22E-09	2	976.447	-1.13	Pupa	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_76043	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	76	4.07E-07	1	1515.748	-1.05	Head	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_78931	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	66	2.11E-06	1	1014.485	3.79	Larva	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_82394	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	66	1.74E-06	1	1014.480	-0.91	Midgut	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_87802	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	73	2.44E-07	1	1198.708	1.66	Salivary gland	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_90282	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	118	1.01E-11	1	1954.064	-0.31	Ovary	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_90599	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	119	8.79E-12	1	1954.071	3.56	Larva	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_91613	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	61	6.88E-06	1	1014.482	0.3	Male reproductive organs	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_92736	GYSFTTTAER	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	72	5.63E-07	2	1132.529	2	Malpighian tubule	X:-:11656873-11656844;2L:+:9970792-9970821;2R:-:8002795-8002766;3L:+:26319007-26319036;3L:-:26299865-26299836;3L:-:26294168-26294139	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_93011	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	78	7.40E-08	1	1198.705	-0.07	Visceras	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_93942	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	79	7.09E-08	1	1198.704	-0.98	Head	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_94817	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N8(Deamidated)	82	9.47E-08	1	1516.740	4.26	Malpighian tubule	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_98255	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	133	3.36E-13	1	1954.066	0.94	Salivary gland	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_98703	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N16(Deamidated)	131	4.47E-13	1	1954.070	2.94	Malpighian tubule	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_102298	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	113	3.60E-11	1	1954.064	-0.5	Male reproductive organs	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_102303	AGFAGDDAPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	79	1.63E-07	2	976.448	-0.88	Salivary gland	X:-:11657407-11657378;2L:+:9970258-9970287;2R:-:8003329-8003300;3L:+:26318473-26318502;3L:-:26300399-26300370;3L:-:26294702-26294673	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_102987	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	66	2.04E-06	1	1014.482	0.78	Pupa	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_103629	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	73	2.66E-07	1	1198.705	-0.17	Ovary	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_104996	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	58	1.22E-05	1	1014.481	0.22	Salivary gland	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_106489	IWHHTFYNELR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	73	8.31E-07	1	1515.755	3.95	Larva	X:-:11657209-11657177;2L:+:9970456-9970488;2R:-:8003131-8003099;3L:+:26318671-26318703;3L:-:26300201-26300169;3L:-:26294504-26294472	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_108832	DLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	M7(Oxidation)	57	1.49E-05	1	1014.481	-0.14	Ovary	X:-:11656912-11656889;2L:+:9970753-9970776;2R:-:8002834-8002811;3L:+:26318968-26318991;3L:-:26299904-26299881;3L:-:26294207-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_109205	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N16(Deamidated)	129	9.23E-13	1	1954.063	-1	Head	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_109789	VAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	N16(Deamidated)	143	3.67E-14	1	1954.060	-2.19	Midgut	X:-:11657176-11657123;2L:+:9970489-9970542;2R:-:8003098-8003045;3L:+:26318704-26318757;3L:-:26300168-26300115;3L:-:26294471-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_113271	AGFAGDDAPRAVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	103	5.18E-10	1	2156.142	2.97	Malpighian tubule	X:-:11657407-11657345;2L:+:9970258-9970320;2R:-:8003329-8003267;3L:+:26318473-26318535;3L:-:26300399-26300337;3L:-:26294702-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_113807	AVFPSIVGRPR	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	78	7.46E-08	1	1198.702	-2.92	Midgut	X:-:11657377-11657345;2L:+:9970288-9970320;2R:-:8003299-8003267;3L:+:26318503-26318535;3L:-:26300369-26300337;3L:-:26294672-26294640	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_114368	IWHHTFYNELRVAPEEHPVLLTEAPLNPK	AGAP000651-PA,AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	94	1.90E-09	1	3450.825	8.4	Malpighian tubule	X:-:11657209-11657123;2L:+:9970456-9970542;2R:-:8003131-8003045;3L:+:26318671-26318757;3L:-:26300201-26300115;3L:-:26294504-26294418	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_1671	HQGVMVGMGQKDSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation), M8(Oxidation)	61	7.73E-06	1	2383.070	2.1	Head	X:-:11657344-11657279;2L:+:9970321-9970386;3L:+:26318536-26318601	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_1752	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation),M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	78	1.64E-07	1	1187.567	0.45	Visceras	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_2072	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation), M8(Oxidation)	65	2.98E-06	1	1203.562	1.1	Ovary	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_8690	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation), M8(Oxidation)	41	0.000892483	2	1203.562	0.81	Male reproductive organs	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA

JHU_Ag_31279	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation),M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	81	9.25E-08	1	1171.571	0.18	Malpighian tubule	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_34242	HQGVMVGMGQKDSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation),M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	155	3.25E-15	1	2367.073	1.22	Malpighian tubule	X:-:11657344-11657279;2L:+:9970321-9970386;3L:+:26318536-26318601	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_51150	HQGVMVGMGQKDSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	Q2(Deamidated), M8(Oxidation), Q10(Deamidated),"Q2(Deamidated), M5(Oxidation), Q10(Deamidated)"	57	2.25E-05	1	2369.053	6.27	Larva	X:-:11657344-11657279;2L:+:9970321-9970386;3L:+:26318536-26318601	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_59536	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation),Q2(Deamidated)	72	5.90E-07	1	1187.565	-0.58	Pupa	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_66124	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation),M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	81	6.85E-08	1	1187.565	-0.58	Midgut	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_75552	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation),M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	78	1.58E-07	1	1171.570	-0.76	Salivary gland	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_93639	HQGVMVGMGQK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	M5(Oxidation), Q10(Deamidated),"Q2(Deamidated), M8(Oxidation)","Q2(Deamidated), M5(Oxidation)","M5(Oxidation), M8(Oxidation)",Q10(Deamidated),M5(Oxidation), M8(Oxidation),"Q2(Deamidated), M5(Oxidation), M8(Oxidation)"	81	8.51E-08	1	1171.571	0.07	Head	X:-:11657344-11657312;2L:+:9970321-9970353;3L:+:26318536-26318568	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_115344	HQGVMVGMGQKDSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA	Q2(Deamidated), Q10(Deamidated)	42	0.000659174	1	2353.042	-0.73	Pupa	X:-:11657344-11657279;2L:+:9970321-9970386;3L:+:26318536-26318601	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA

JHU_Ag_20335	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	69	1.60E-06	1	1354.634	7.52	Midgut	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L::26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_24120	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	Q9(Deamidated)	90	7.60E-09	1	1198.521	-1.44	Pupa	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L::26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_25114	VAPEEHPVLLTEAPLNPKANR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	66	1.42E-06	1	2295.245	-0.15	Midgut	X:-:11657176-11657114;2L:+:9970489-9970551;3L:+:26318704-26318766;3L::26294471-26294409	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_25160	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	90	8.44E-09	1	1198.526	2.84	Malpighian tubule	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L::26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_25971	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	94	2.84E-09	1	1198.521	-0.93	Male reproductive organs	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L::26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_34262	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	98	1.17E-09	1	1198.526	2.94	Head	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L::26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_34341	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	103	5.82E-10	1	1354.625	0.85	Malpighian tubule	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L::26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_42884	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	Q9(Deamidated)	103	4.09E-10	1	1355.609	1.03	Pupa	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L::26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_43891	LDLAGRDLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	M13(Oxidation)	73	6.71E-07	1	1623.845	2.49	Malpighian tubule	X:-:11656930-11656889;2L:+:9970735-9970776;3L:+:26318950-26318991;3L::26294225-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_54077	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	93	3.84E-09	1	1198.525	2.33	Larva	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L::26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_61239	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	97	2.39E-09	1	1354.622	-0.86	Head	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L::26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_61942	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	93	6.86E-09	1	1354.628	3.47	Larva	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L::26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_65206	VAPEEHPVLLTEAPLNPKANR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	129	6.03E-13	1	2295.249	1.27	Malpighian tubule	X:-:11657176-11657114;2L:+:9970489-9970551;3L:+:26318704-26318766;3L::26294471-26294409	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_70557	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	94	2.86E-09	1	1198.520	-1.95	Salivary gland	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L::26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_74870	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	78	1.20E-07	2	1198.521	-0.83	Midgut	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L:-:26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_77931	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	93	3.31E-09	1	1198.522	-0.01	Ovary	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L:-:26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_81917	LDLAGRDLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	M13(Oxidation)	79	1.53E-07	1	1639.840	2.51	Pupa	X:-:11656930-11656889;2L:+:9970735-9970776;3L:+:26318950-26318991;3L:-:26294225-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_82627	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	103	6.25E-10	1	1354.630	5.18	Male reproductive organs	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L:-:26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_84430	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	103	5.78E-10	1	1354.625	1.22	Visceras	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L:-:26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_90337	DSYVGDEAQSK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	87	1.40E-08	1	1198.523	0.29	Visceras	X:-:11657311-11657279;2L:+:9970354-9970386;3L:+:26318569-26318601;3L:-:26294606-26294574	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_93337	LDLAGRDLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	M13(Oxidation)	41	0.001000087	1	1639.847	6.72	Ovary	X:-:11656930-11656889;2L:+:9970735-9970776;3L:+:26318950-26318991;3L:-:26294225-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_106787	LDLAGRDLTDYLMK	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	49	0.000169039	1	1623.845	2.46	Head	X:-:11656930-11656889;2L:+:9970735-9970776;3L:+:26318950-26318991;3L::26294225-26294184	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_108752	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	103	6.15E-10	1	1354.625	0.85	Ovary	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L::26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_117142	DSYVGDEAQSKR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	-	112	7.15E-11	1	1354.626	1.85	Salivary gland	X:-:11657311-11657276;2L:+:9970354-9970389;3L:+:26318569-26318604;3L::26294606-26294571	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_2829	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	195	2.15E-19	1	3151.648	1.88	Head	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_6389	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	191	6.02E-19	1	3151.641	-0.33	Pupa	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_26586	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	197	1.38E-19	1	3151.649	2.11	Visceras	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_38347	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	157	1.40E-15	1	3151.637	-1.82	Midgut	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_47971	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	188	9.72E-19	1	3151.650	2.35	Malpighian tubule	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_56129	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	159	8.88E-16	1	3151.636	-1.95	Male reproductive organs	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_64652	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	185	2.13E-18	1	3151.656	4.32	Larva	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_70478	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	164	2.40E-16	1	3151.649	2	Ovary	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_90730	TTGIVLDSGDGVSHTVPIYEGYALPHAILR	AGAP000651-PA,AGAP005095-PA,AGAP011516-PA,AGAP011515-PA,AGAP011514-PA	-	173	3.09E-17	1	3151.648	1.88	Salivary gland	X:-:11657020-11656931;2L:+:9970645-9970734;3L:+:26318860-26318949;3L::26300012-26299923;3L:-:26294315-26294226	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_863	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	N5(Deamidated),M14(Oxidation),M14(Oxidation)	143	7.30E-14	1	2232.055	2.69	Larva	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_5575	DLYANTVLSGGTTMYPGIADRMQK	AGAP000651-PA,AGAP011516-PA	M14(Oxidation),M22(Oxidation)	130	1.47E-12	1	2634.260	2.44	Malpighian tubule	X:-:11656588-11656517;3L:+:26319292-26319340,26319420-26319442	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_28852	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M15(Oxidation)	132	9.17E-13	1	2359.157	-1.08	Ovary	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_34059	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M14(Oxidation)	116	3.82E-11	1	2231.071	2.64	Male reproductive organs	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_37129	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M15(Oxidation)	130	1.56E-12	1	2359.154	-2.58	Midgut	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_53378	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M14(Oxidation)	166	4.45E-16	1	2231.067	1	Malpighian tubule	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_60573	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	N5(Deamidated),"N5(Deamidated),M14(Oxidation)",M14(Oxidation)	137	3.60E-13	1	2231.070	2.42	Pupa	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_65928	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M14(Oxidation)	130	1.82E-12	1	2231.068	1.32	Visceras	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_73821	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M15(Oxidation)	122	9.79E-12	1	2359.160	-0.15	Malpighian tubule	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA

JHU_Ag_74902	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	N5(Deamidated), M14(Oxidation),M14(Oxidation)	164	6.61E-16	1	2231.070	2.09	Salivary gland	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_83691	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M15(Oxidation)	115	5.13E-11	1	2359.168	3.53	Salivary gland	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_87957	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	N5(Deamidated), M14(Oxidation),M14(Oxidation)	143	7.33E-14	1	2232.046	-1.36	Midgut	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_100181	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M15(Oxidation)	80	1.78E-07	2	2359.160	-0.09	Visceras	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_100210	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M15(Oxidation)	128	2.50E-12	1	2359.160	-0.09	Pupa	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_101136	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M14(Oxidation)	165	5.08E-16	1	2231.068	1.21	Ovary	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_101223	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	-	38	0.002207308	3	2343.163	-0.73	Head	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_101463	DLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	N5(Deamidated), M14(Oxidation),M14(Oxidation)	133	9.07E-13	1	2231.066	0.45	Head	X:-:11656588-11656526;3L:+:26319292-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_104425	KDLYANTVLSGGTTMYPGIADR	AGAP000651-PA,AGAP011516-PA	M15(Oxidation)	135	5.13E-13	1	2359.171	4.58	Larva	X:-:11656591-11656526;3L:+:26319289-26319340,26319420-26319433	exon=> In CDS Exon 1 of transcript AGAP000651-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011516-PA
JHU_Ag_6499	VALDIQYQAGELLHPVK	AGAP000652-PA	-	36	0.001500938	1	1894.045	0.75	Pupa	X:-:11679812-11679762	exon=> In CDS Exon 3 of transcript AGAP000652-PA
JHU_Ag_7339	LQHPVFEYDFPAPYIR	AGAP000652-PA	-	47	0.000314551	1	1992.001	-0.2	Midgut	X:-:11676035-11675988	exon=> In CDS Exon 4 of transcript AGAP000652-PA
JHU_Ag_31286	ITDAFDLPAR	AGAP000652-PA	-	76	3.94E-07	2	1118.583	-0.62	Midgut	X:-:11676185-11676156	exon=> In CDS Exon 4 of transcript AGAP000652-PA
JHU_Ag_32879	THPFDGPEPPLR	AGAP000652-PA	-	33	0.007812483	1	1362.678	-1.46	Midgut	X:-:11675882-11675847	exon=> In CDS Exon 4 of transcript AGAP000652-PA
JHU_Ag_79178	NGHQLR	AGAP000652-PA	N1(Deamidated)	29	0.005981 46	1	725.369	0.36	Head	X:-:11680330-11680313	exon=> In CDS Exon 1 of transcript AGAP000652-PA

JHU_Ag_88591	ITDAFDLPAR	AGAP000652-PA	-	60	1.32E-05	2	1118.588	3.2	Ovary	X:-:11676185-11676156	exon=> In CDS Exon 4 of transcript AGAP000652-PA
JHU_Ag_101867	ITDAFDLPAR	AGAP000652-PA	-	47	0.000357928	2	1118.583	-0.94	Pupa	X:-:11676185-11676156	exon=> In CDS Exon 4 of transcript AGAP000652-PA
JHU_Ag_13459	RALLPAFK	AGAP000653-PA	-	37	0.000973223	1	915.568	-10.33	Malpighian tubule	X:-:11683578-11683555	exon=> In CDS Exon 6 of transcript AGAP000653-PA
JHU_Ag_21450	RALLPAFK	AGAP000653-PA	-	37	0.001038105	1	915.566	-12.67	Male reproductive organs	X:-:11683578-11683555	exon=> In CDS Exon 6 of transcript AGAP000653-PA
JHU_Ag_54702	RALLPAFK	AGAP000653-PA	-	40	0.00045629	2	915.566	-12.93	Salivary gland	X:-:11683578-11683555	exon=> In CDS Exon 6 of transcript AGAP000653-PA
JHU_Ag_87264	RALLPAFK	AGAP000653-PA	-	38	0.000671757	2	915.568	-10.6	Visceras	X:-:11683578-11683555	exon=> In CDS Exon 6 of transcript AGAP000653-PA
JHU_Ag_90310	RALLPAFK	AGAP000653-PA	-	37	0.001038105	1	915.565	-13.13	Ovary	X:-:11683578-11683555	exon=> In CDS Exon 6 of transcript AGAP000653-PA
JHU_Ag_110696	RALLPAFK	AGAP000653-PA	-	30	0.00442805	2	915.567	-11.07	Pupa	X:-:11683578-11683555	exon=> In CDS Exon 6 of transcript AGAP000653-PA
JHU_Ag_9628	FSSVVQAYGR	AGAP000654-PA	-	64	4.84E-06	2	1113.569	0.33	Salivary gland	X:+:11695477-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_18327	FSSVVQAYGR	AGAP000654-PA	-	64	4.40E-06	1	1113.570	1.21	Pupa	X:+:11695477-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_25053	RFSSVVQAYGR	AGAP000654-PA	-	61	1.01E-05	1	1269.669	-0.52	Visceras	X:+:11695474-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_26375	VHGSLAR	AGAP000654-PA	-	56	1.09E-05	1	739.422	1.46	Head	X:+:11695357-11695377	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_31901	FSSVVQAYGR	AGAP000654-PA	-	59	1.49E-05	2	1113.568	-0.33	Visceras	X:+:11695477-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_33332	RFSSVVQAYGR	AGAP000654-PA	-	46	0.000263139	1	1269.669	-0.8	Salivary gland	X:+:11695474-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_39859	FSSVVQAYGR	AGAP000654-PA	-	86	3.35E-08	2	1113.573	4.17	Larva	X:+:11695477-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_41710	RGPNANSA	AGAP000654-PA	-	36	0.001535821	2	786.385	-0.04	Ovary	X:+:11695510-11695533	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_43714	RFSSVVQAYGR	AGAP000654-PA	-	63	5.50E-06	1	1269.670	-0.13	Malpighian tubule	X:+:11695474-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_43971	RFSSVVQAYGR	AGAP000654-PA	-	67	2.44E-06	1	1269.670	0.45	Head	X:+:11695474-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_50323	FSSVVQAYGRR	AGAP000654-PA	-	34	0.004768938	1	1269.672	1.7	Malpighian tubule	X:+:11695477-11695509	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_53348	RFSSVVQAYGR	AGAP000654-PA	-	62	7.62E-06	1	1269.672	1.41	Ovary	X:+:11695474-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_59199	RGPNANSA	AGAP000654-PA	-	33	0.003284861	1	786.388	3.32	Midgut	X:+:11695510-11695533	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_91103	VHGSLAR	AGAP000654-PA	-	41	0.000407607	1	739.424	3.85	Ovary	X:+:11695357-11695377	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_93936	FSSVVQAYGR	AGAP000654-PA	-	91	7.85E-09	2	1113.573	3.84	Malpighian tubule	X:+:11695477-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_97898	FSSVVQAYGR	AGAP000654-PA	-	59	1.20E-05	1	1113.573	3.36	Head	X:+:11695477-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_97979	RFSSVVQAYGR	AGAP000654-PA	-	60	0.0000117	1	1269.668	-1.28	Pupa	X:+:11695474-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_103552	RFSSVVQAYGR	AGAP000654-PA	-	60	1.18E-05	1	1269.671	0.73	Larva	X:+:11695474-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_103601	FSSVVQAYGR	AGAP000654-PA	-	69	1.53E-06	2	1113.570	0.66	Ovary	X:+:11695477-11695506	exon=> In CDS Exon 2 of transcript AGAP000654-PA
JHU_Ag_193	VVKEEVQVSLGPQVR	AGAP000655-PA	-	38	0.000552368	1	1666.949	0.13	Ovary	X:-:11703918-11703874	exon=> In CDS Exon 1 of transcript AGAP000655-PA

JHU_Ag_4050	VVKEEVQVSLGPQVR	AGAP000655-PA	-	110	3.87E-11	1	1666.949	0.17	Male reproductive organs	X:-:11703918-11703874	exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_12951	VVKEEVQVSLGPQVR	AGAP000655-PA	-	75	1.01E-07	1	1666.951	1.2	Midgut	X:-:11703918-11703874	exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_27625	VVKEEVQVSLGPQVR	AGAP000655-PA	-	31	0.002557 52	3	1666.951	1.45	Salivary gland	X:-:11703918-11703874	exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_45999	VVKEEVQVSLGPQVR	AGAP000655-PA	-	62	2.12E-06	2	1666.953	2.52	Malpighian tubule	X:-:11703918-11703874	exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_150	VIETWFDGPYK	AGAP000656-PA	-	55	4.41E-05	2	1354.673	3.56	Salivary gland	X:+:11707459-11707491	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_11916	GPLITINYK	AGAP000656-PA	-	44	0.000198 158	1	1018.595	1.49	Salivary gland	X:+:11707429-11707455	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_12227	VIETWFDGPYK	AGAP000656-PA	-	52	7.08E-05	2	1354.675	5.45	Malpighian tubule	X:+:11707459-11707491	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_12575	LNGAGQLGVGER	AGAP000656-PA	-	50	0.000101 806	2	1170.625	2.27	Malpighian tubule	X:+:11707777-11707812	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_23079	TFEYRPVYADGHHYR	AGAP000656-PA	-	34	0.005154 887	1	1910.901	3.8	Malpighian tubule	X:+:11707069-11707113	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_34124	EVPQLVEGLGNFEPADKPMVDGPGE GGK	AGAP000656-PA	M19(Oxidation)	74	6.59E-07	1	2882.394	2.23	Salivary gland	X:+:11706442-11706525	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_76365	AYVLPEDQQNR	AGAP000656-PA	-	41	0.001456 469	2	1332.656	1.22	Malpighian tubule	X:+:11706526-11706558	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_110657	HWDYPYHLPR	AGAP000656-PA	-	58	2.01E-05	1	1383.664	3.4	Malpighian tubule	X:+:11706658-11706687	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_110959	GIFEWGMLYK	AGAP000656-PA	-	43	0.000615 559	2	1243.615	-2.72	Midgut	X:+:11707114-11707143	exon=> In CDS Exon 1 of transcript AGAP000656-PA
JHU_Ag_28742	ILNITR	AGAP000659-PA	N3(Deamidated)	44	0.000633 67	2	730.448	2.83	Larva	X:-:11743943-11743926	exon=> In CDS Exon 2 of transcript AGAP000659-PA
JHU_Ag_32682	ILNITR	AGAP000659-PA	N3(Deamidated)	45	0.000313 581	2	730.446	-0.35	Pupa	X:-:11743943-11743926	exon=> In CDS Exon 2 of transcript AGAP000659-PA
JHU_Ag_63692	ILNITR	AGAP000659-PA	N3(Deamidated)	45	0.000437 384	2	730.448	3.5	Malpighian tubule	X:-:11743943-11743926	exon=> In CDS Exon 2 of transcript AGAP000659-PA
JHU_Ag_66122	ILNITR	AGAP000659-PA	N3(Deamidated)	45	0.000435 926	2	730.447	1.24	Head	X:-:11743943-11743926	exon=> In CDS Exon 2 of transcript AGAP000659-PA
JHU_Ag_87153	ILNITR	AGAP000659-PA	N3(Deamidated)	43	0.000730 151	2	730.447	1.07	Visceras	X:-:11743943-11743926	exon=> In CDS Exon 2 of transcript AGAP000659-PA
JHU_Ag_11913	ISIPSEHGGAVGTVGLLGDVSR	AGAP000662-PC	-	42	0.000480 907	1	2121.136	2.68	Ovary	X:+:11769584-11769649	exon=> In CDS Exon 2 of transcript AGAP000662-PC
JHU_Ag_12521	ISIPSEHGGAVGTVGLLGDVSR	AGAP000662-PC	-	51	5.50E-05	1	2121.140	4.66	Malpighian tubule	X:+:11769584-11769649	exon=> In CDS Exon 2 of transcript AGAP000662-PC
JHU_Ag_21029	SSAATSSNSHPATTPLR	AGAP000662-PC	-	99	2.06E-09	2	1684.828	1.69	Head	X:+:11768188-11768238	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_22856	SSAATSSNSHPATTPLR	AGAP000662-PC	-	108	2.33E-10	2	1684.830	2.99	Malpighian tubule	X:+:11768188-11768238	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_37348	VAASTAATGATGSSGPSSR	AGAP000662-PC	-	131	1.42E-12	1	1635.796	1.51	Malpighian tubule	X:+:11768329-11768385	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_56541	NGVFIDNVFHR	AGAP000662-PC	-	51	0.000137 25	1	1317.670	0.05	Ovary	X:+:11768692-11768724	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_58341	LISKDNMLLISEDVIEVGR	AGAP000662-PC	-	62	3.25E-06	3	2144.175	5.69	Malpighian tubule	X:+:11768518-11768574	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_61278	SQDEPGKGSFWR	AGAP000662-PC	-	35	0.003999 584	1	1393.652	1.76	Malpighian tubule	X:+:11771893-11771928	exon=> In CDS Exon 4 of transcript AGAP000662-PC
JHU_Ag_71594	IQFENLIDQANNGILVDLNEHTPVK	AGAP000662-PC	-	80	8.14E-08	1	2834.468	-0.13	Ovary	X:+:11769290-11769364	exon=> In CDS Exon 2 of transcript AGAP000662-PC
JHU_Ag_74980	VAASTAATGATGSSGPSSR	AGAP000662-PC	-	93	1.05E-08	2	1635.795	0.91	Male reproductive organs	X:+:11768329-11768385	exon=> In CDS Exon 1 of transcript AGAP000662-PC

JHU_Ag_78234	VAASTAATGATGSSGPSSR	AGAP000662-PC	-	113	1.07E-10	1	1635.796	1.66	Salivary gland	X:+:11768329-11768385	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_82910	VAASTAATGATGSSGPSSR	AGAP000662-PC	-	140	2.01E-13	1	1635.797	2.26	Head	X:+:11768329-11768385	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_83058	ISIPSEHGGAVGTVGLLGDVSR	AGAP000662-PC	-	75	2.29E-07	1	2121.138	3.97	Head	X:+:11769584-11769649	exon=> In CDS Exon 2 of transcript AGAP000662-PC
JHU_Ag_83631	QLTLSGIYSFISK	AGAP000662-PC	-	81	6.74E-08	1	1456.811	4.67	Ovary	X:+:11770097-11770135	exon=> In CDS Exon 3 of transcript AGAP000662-PC
JHU_Ag_99423	SPSSSVIYAPLK	AGAP000662-PC	-	43	0.000473188	2	1248.683	-0.25	Ovary	X:+:11769548-11769583	exon=> In CDS Exon 2 of transcript AGAP000662-PC
JHU_Ag_99500	NGVFIDNVFHR	AGAP000662-PC	-	77	3.48E-07	1	1317.671	0.98	Salivary gland	X:+:11768692-11768724	exon=> In CDS Exon 1 of transcript AGAP000662-PC
JHU_Ag_3124	FNSSDQTYEQSAR	AGAP000666-PA	-	84	2.28E-08	2	1532.663	1.24	Ovary	X:+:11806013-11806051	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_12552	QFLISQPPAVLILHLK	AGAP000666-PA	-	46	7.82E-06	3	1817.114	4.8	Ovary	X:+:11807696-11807743	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_13054	SLIDALPR	AGAP000666-PA	-	43	0.000333253	2	884.523	3.41	Malpighian tubule	X:+:11806118-11806141	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_35629	AAAAHTDAQIQNATESVR	AGAP000666-PA	-	73	8.05E-07	1	1853.916	2.94	Malpighian tubule	X:+:11805893-11805946	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_44533	YYNEQISQWVFRPEQVFR	AGAP000666-PA	-	71	1.11E-06	1	2389.180	3.27	Ovary	X:+:11806622-11806675	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_44996	LVSFPFVLDIAPFCGSK	AGAP000666-PA	C14(Carbamidomethyl)	63	4.66E-06	1	1896.997	2.41	Ovary	X:+:11807789-11807839	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_52042	FNSSDQTYEQSAR	AGAP000666-PA	-	66	1.29E-06	2	1532.666	3.31	Malpighian tubule	X:+:11806013-11806051	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_52420	GKGPEAAGPAASSSSLVPHATK	AGAP000666-PA	-	73	5.56E-07	1	2020.052	3.07	Malpighian tubule	X:+:11806052-11806117	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_62484	GTAAAATGGHTALSK	AGAP000666-PA	-	58	1.76E-05	2	1313.684	2.67	Malpighian tubule	X:+:11806853-11806897	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_78638	AAAAHTDAQIQNATESVR	AGAP000666-PA	-	35	0.005129894	1	1853.910	0.17	Ovary	X:+:11805893-11805946	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_80084	LLDIVEFVK	AGAP000666-PA	-	44	0.000123637	2	1075.639	-0.35	Ovary	X:+:11805845-11805871	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_89700	GTAAAATGGHTALSK	AGAP000666-PA	-	51	0.000102414	1	1313.680	-0.68	Ovary	X:+:11806853-11806897	exon=> In CDS Exon 2 of transcript AGAP000666-PA
JHU_Ag_101233	VWTVLPGNVKR	AGAP000668-PA	N8(Deamidated)	34	0.002668885	1	1269.716	-12.17	Larva	X:+:11833169-11833201	exon=> In CDS Exon 3 of transcript AGAP000668-PA
JHU_Ag_2158	LAQFPIQHYFK	AGAP000669-PA	-	73	4.91E-07	1	1391.749	1.52	Visceras	X:-:11840732-11840700	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_4215	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	65	5.34E-06	1	1999.997	1.38	Pupa	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_5049	LANSPANQAK	AGAP000669-PA	-	70	1.10E-06	1	1013.538	0.4	Head	X:-:11840627-11840786,11840462-11840504	exon=> In CDS Exon 2 and 1 of transcript AGAP000669-PA
JHU_Ag_12777	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	63	7.45E-06	1	1999.999	2.12	Visceras	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_19711	SDPVARPMK	AGAP000669-PA	N-Term(Acetyl)	62	6.27E-06	1	1042.534	-0.68	Head	X:-:11840783-11840757	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_23834	LANSPANQAK	AGAP000669-PA	-	36	0.002133084	1	1013.542	4.57	Midgut	X:-:11840627-11840786,11840462-11840504	exon=> In CDS Exon 2 and 1 of transcript AGAP000669-PA
JHU_Ag_30789	FPYTFSAK	AGAP000669-PA	-	49	0.000175036	2	960.484	1.36	Malpighian tubule	X:-:11840756-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_32933	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl)	61	1.21E-05	1	1984.000	-0.12	Head	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA

JHU_Ag_33573	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	69	2.08E-06	1	1999.999	1.93	Malpighian tubule	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_35719	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	52	0.000111551	1	1999.996	0.74	Salivary gland	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_43960	SDPVARPMK	AGAP000669-PA	N-Term(Acetyl)	49	0.000117937	1	1042.533	-2.08	Midgut	X:-:11840783-11840757	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_46707	EHEEHH	AGAP000669-PA	-	35	0.000213826	1	817.324	1.51	Head	X:-:11840482-11840465	exon=> In CDS Exon 2 of transcript AGAP000669-PA
JHU_Ag_48028	SDPVARPMK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	44	0.00046161	1	1058.530	0.45	Visceras	X:-:11840783-11840757	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_48196	FPYTFSAK	AGAP000669-PA	-	42	0.000916829	1	960.479	-3.41	Midgut	X:-:11840756-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_52341	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl)	75	4.53E-07	1	1984.004	2.19	Malpighian tubule	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_54866	LANSPANQAK	AGAP000669-PA	-	58	1.42E-05	1	1013.538	0.58	Visceras	X:-:11840627-11840786,11840462-11840504	exon=> In CDS Exon 2 and 1 of transcript AGAP000669-PA
JHU_Ag_62891	SDPVARPMK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	35	0.003830671	1	1058.531	0.91	Head	X:-:11840783-11840757	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_65885	SDPVARPMKFPYTFSAK	AGAP000669-PA	M8(Oxidation)	41	0.00141383	1	1957.989	2.32	Visceras	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_72919	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	62	1.02E-05	1	1999.997	1.02	Head	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_82556	LANSPANQAK	AGAP000669-PA	-	56	2.06E-05	2	1013.540	2.15	Malpighian tubule	X:-:11840627-11840786,11840462-11840504	exon=> In CDS Exon 2 and 1 of transcript AGAP000669-PA
JHU_Ag_83866	LAQFPIQHYFK	AGAP000669-PA	-	67	2.35E-06	1	1391.747	0.03	Malpighian tubule	X:-:11840732-11840700	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_83876	FPYTFSAK	AGAP000669-PA	-	50	0.000148637	2	960.484	1.29	Visceras	X:-:11840756-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_84333	SDPVARPMKFPYTFSAK	AGAP000669-PA	M8(Oxidation)	42	0.001076034	1	1957.985	0.36	Midgut	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_92690	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl)	42	0.000956404	1	1984.003	1.82	Visceras	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_93823	LAQFPIQHYFK	AGAP000669-PA	-	87	2.15E-08	1	1391.747	-0.14	Head	X:-:11840732-11840700	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_96712	FPYTFSAK	AGAP000669-PA	-	45	0.000428906	2	960.481	-1.19	Head	X:-:11840756-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_98897	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	52	0.000105161	1	1999.998	1.84	Larva	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_100867	SDPVARPMK	AGAP000669-PA	N-Term(Acetyl)	40	0.000962682	1	1042.535	-0.33	Malpighian tubule	X:-:11840783-11840757	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_104551	SDPVARPMKFPYTFSAK	AGAP000669-PA	N-Term(Acetyl), M8(Oxidation)	64	6.85E-06	1	1999.988	-3.56	Midgut	X:-:11840783-11840733	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_116172	LAQFPIQHYFK	AGAP000669-PA	-	77	2.61E-07	1	1391.745	-1.72	Midgut	X:-:11840732-11840700	exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_50634	ESHPYSVAEVIAMPIAAGNPPYLDWIGK	AGAP000670-PA	M13(Oxidation)	49	0.000184131	1	3041.514	1.96	Ovary	X:+:11843393-11843476	exon=> In CDS Exon 1 of transcript AGAP000670-PA
JHU_Ag_33434	ANTNIELAFR	AGAP000671-PA	-	47	0.000290303	2	1148.606	0.41	Head	X:-:11848119-11848090	exon=> In CDS Exon 4 of transcript AGAP000671-PA
JHU_Ag_34480	ANTNIELAFR	AGAP000671-PA	-	44	0.000612757	2	1148.606	-0.02	Midgut	X:-:11848119-11848090	exon=> In CDS Exon 4 of transcript AGAP000671-PA
JHU_Ag_61339	ANTNIELAFR	AGAP000671-PA	-	55	5.04E-05	2	1148.607	1.05	Male reproductive organs	X:-:11848119-11848090	exon=> In CDS Exon 4 of transcript AGAP000671-PA
JHU_Ag_67757	FHTITTSYYR	AGAP000671-PA	-	63	5.83E-06	1	1288.633	0.71	Head	X:-:11848558-11848529	exon=> In CDS Exon 2 of transcript AGAP000671-PA

JHU_Ag_75391	ELAEAILDK	AGAP000671-PA	-	50	0.000192 2	1	1001.548	-2.94	Head	X:-:11848089-11848063	exon=> In CDS Exon 4 of transcript AGAP000671-PA
JHU_Ag_84833	FHTITTSYYR	AGAP000671-PA	-	50	0.000126 671	1	1288.632	-0.43	Midgut	X:-:11848558-11848529	exon=> In CDS Exon 2 of transcript AGAP000671-PA
JHU_Ag_104615	NIDEHANEDVEK	AGAP000671-PA	-	103	3.89E-10	1	1412.628	-0.56	Head	X:-:11848453-11848641,11848267-11848333	exon=> In CDS Exon 3 and 2 of transcript AGAP000671-PA
JHU_Ag_519	FADWSAHDIEVLNK	AGAP000672-PA	-	94	4.98E-09	1	1644.808	3.98	Salivary gland	X:-:11857056-11857015	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_3312	KLAEPEIKPLIGR	AGAP000672-PA	-	46	1.38E-05	1	1463.896	1.18	Ovary	X:-:11874671-11874633	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_5219	VPAYLNVVDIAGLVK	AGAP000672-PA	-	105	5.37E-11	1	1570.926	3.31	Larva	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_5965	GFDDPDVTHVEGEVDPVR	AGAP000672-PA	-	92	8.53E-09	1	1982.919	5.09	Larva	X:-:11860761-11860708	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_8570	FADWSAHDIEVLNK	AGAP000672-PA	-	92	9.78E-09	1	1644.809	4.65	Larva	X:-:11857056-11857015	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_8604	GFDDPDVTHVEGEVDPVR	AGAP000672-PA	-	88	1.95E-08	1	1982.914	2.7	Malpighian tubule	X:-:11860761-11860708	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_10962	LMINLDKLEK	AGAP000672-PA	M2(Oxidation)	51	6.86E-05	1	1232.691	-0.49	Malpighian tubule	X:-:11860659-11860630	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_11284	GFDDPDVTHVEGEVDPVR	AGAP000672-PA	-	115	4.92E-11	1	1982.916	3.56	Salivary gland	X:-:11860761-11860708	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_11897	VPVPDAR	AGAP000672-PA	-	34	0.002157 985	2	753.426	0.15	Salivary gland	X:-:11871405-11871385	exon=> In CDS Exon 2 of transcript AGAP000672-PA
JHU_Ag_14149	LAEPEIKPLIGR	AGAP000672-PA	-	63	8.69E-07	1	1335.805	3.89	Ovary	X:-:11874668-11874633	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_15339	YLFLTSKPCIYLVNLSDKDFIR	AGAP000672-PA	C9(Carbamidomethyl)	137	1.22E-13	1	2705.441	1.31	Midgut	X:-:11857014-11856949	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_15673	GFDDPDVTHVEGEVDPVR	AGAP000672-PA	-	38	0.002249 523	1	1982.909	-0.01	Pupa	X:-:11860761-11860708	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_18610	KLAEPEIKPLIGR	AGAP000672-PA	-	34	0.000240 637	1	1463.902	5.06	Salivary gland	X:-:11874671-11874633	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_20133	GFDDPDVTHVEGEVDPVRDLSIISEELR	AGAP000672-PA	-	114	4.99E-11	1	3138.533	3.32	Ovary	X:-:11860761-11860678	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_22577	LMINLDKLEK	AGAP000672-PA	M2(Oxidation)	60	7.68E-06	1	1232.692	0.1	Ovary	X:-:11860659-11860630	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_24463	VPVPDAR	AGAP000672-PA	-	43	0.000304 824	2	753.426	0.8	Ovary	X:-:11871405-11871385	exon=> In CDS Exon 2 of transcript AGAP000672-PA
JHU_Ag_25445	IGIVGVPNVGK	AGAP000672-PA	-	55	5.16E-06	1	1052.648	1.71	Malpighian tubule	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_25466	GFDDPDVTHVEGEVDPVRDLSIISEELR	AGAP000672-PA	-	103	5.98E-10	1	3138.533	3.38	Head	X:-:11860761-11860678	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_26970	YLFLTSKPCIYLVNLSDKDFIR	AGAP000672-PA	C9(Carbamidomethyl)	83	2.24E-08	1	2705.452	5.44	Salivary gland	X:-:11857014-11856949	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_27267	VPAYLNVVDIAGLVK	AGAP000672-PA	-	124	8.10E-13	1	1570.919	-0.57	Midgut	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_27435	ALQLEYFFTAGPDEVK	AGAP000672-PA	-	110	1.37E-10	1	1827.918	0.67	Ovary	X:-:11856756-11856709	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_28377	SAAPAENFPFCTIDPNESRVPVPDAR	AGAP000672-PA	C11(Carbamidomethyl)	84	6.52E-08	1	2857.366	2.95	Ovary	X:-:11874554-11874683,11871350-11871385	exon=> In CDS Exon 2 and 1 of transcript AGAP000672-PA
JHU_Ag_28411	IGIVGVPNVGK	AGAP000672-PA	-	27	0.003557 72	2	1052.647	0.32	Visceras	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_28436	IKEVLVDEK	AGAP000672-PA	-	48	0.000164 586	2	1072.626	1.04	Salivary gland	X:-:11857095-11857069	exon=> In CDS Exon 5 of transcript AGAP000672-PA

JHU_Ag_29693	DLSIISEELR	AGAP000672-PA	-	70	1.37E-06	2	1174.632	0.68	Midgut	X:-:11860707-11860678	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_29822	GFDDPDVTHVEGEVDPVR	AGAP000672-PA	-	122	8.43E-12	1	1982.907	-0.91	Ovary	X:-:11860761-11860708	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_29983	IGIVGVPNVGK	AGAP000672-PA	-	60	2.01E-06	1	1052.646	-0.73	Salivary gland	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_32580	GAAEGQGLGNAFLSHISACDAIFHLCR	AGAP000672-PA	C19(Carbamidomethyl), C26(Carbamidomethyl)	101	1.00E-09	1	2872.363	0.37	Salivary gland	X:-:11860970-11861019,11860588-11860762	exon=> In CDS Exon 4 and 3 of transcript AGAP000672-PA
JHU_Ag_33477	GFIMAEVMHFADFKEEGSEAAAK	AGAP000672-PA	-	101	1.07E-09	1	2515.171	3.08	Ovary	X:-:11856639-11856571	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_34913	IGIVGVPNVGK	AGAP000672-PA	-	59	2.08E-06	1	1052.650	3.33	Ovary	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_35550	STFFNVLTK	AGAP000672-PA	-	67	1.60E-06	1	1056.573	0.55	Ovary	X:-:11874581-11874555	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_35803	IGIVGVPNVGK	AGAP000672-PA	-	59	2.12E-06	1	1052.647	0.78	Pupa	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_37072	GFDDPDVTHVEGEVDPVR	AGAP000672-PA	-	57	2.54E-05	1	1982.910	0.66	Head	X:-:11860761-11860708	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_38122	NYVVEDGDIIFFK	AGAP000672-PA	-	74	5.31E-07	2	1558.781	1.49	Head	X:-:11856540-11856502	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_41930	VPAYLNVVDIAGLVK	AGAP000672-PA	-	102	1.50E-10	1	1570.922	0.75	Ovary	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_42346	VPVPDAR	AGAP000672-PA	-	37	0.001056349	2	753.428	4.04	Male reproductive organs	X:-:11871405-11871385	exon=> In CDS Exon 2 of transcript AGAP000672-PA
JHU_Ag_43563	LAEPEIKPLIGR	AGAP000672-PA	-	51	1.46E-05	1	1335.801	1.27	Salivary gland	X:-:11874668-11874633	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_43814	VPVPDAR	AGAP000672-PA	-	32	0.003340467	2	753.427	2.34	Larva	X:-:11871405-11871385	exon=> In CDS Exon 2 of transcript AGAP000672-PA
JHU_Ag_44509	FDYLCEYHKPASK	AGAP000672-PA	C5(Carbamidomethyl)	55	4.44E-05	1	1657.772	2.53	Ovary	X:-:11871384-11871406,11860892-11861016	exon=> In CDS Exon 3 and 2 of transcript AGAP000672-PA
JHU_Ag_44681	NYVVEDGDIIFFK	AGAP000672-PA	-	99	2.09E-09	1	1558.787	5.09	Ovary	X:-:11856540-11856502	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_45391	SAAPAENFPFCTIDPNESR	AGAP000672-PA	C11(Carbamidomethyl)	92	6.89E-09	1	2122.955	2.44	Malpighian tubule	X:-:11874554-11874683,11871350-11871406	exon=> In CDS Exon 2 and 1 of transcript AGAP000672-PA
JHU_Ag_45544	VPAYLNVVDIAGLVK	AGAP000672-PA	-	113	8.61E-12	1	1570.927	4.4	Malpighian tubule	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_50503	IGIVGVPNVGK	AGAP000672-PA	-	59	2.09E-06	1	1052.646	-0.38	Male reproductive organs	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_50720	FADWSAHDIEVLNK	AGAP000672-PA	-	63	7.55E-06	1	1644.802	0.42	Malpighian tubule	X:-:11857056-11857015	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_51202	SKPEYETLLK	AGAP000672-PA	-	31	0.008161533	1	1207.654	-2.68	Head	X:-:11860602-11860763,11856460-11857096	exon=> In CDS Exon 5 and 4 of transcript AGAP000672-PA
JHU_Ag_57714	VPAYLNVVDIAGLVK	AGAP000672-PA	-	125	5.53E-13	1	1570.924	2.54	Visceras	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_57721	IGIVGVPNVGK	AGAP000672-PA	-	59	2.26E-06	1	1052.646	-0.26	Midgut	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_61063	GAAEGQGLGNAFLSHISACDAIFHLCR	AGAP000672-PA	C19(Carbamidomethyl), C26(Carbamidomethyl)	47	0.000253264	1	2872.361	-0.4	Midgut	X:-:11860970-11861019,11860588-11860762	exon=> In CDS Exon 4 and 3 of transcript AGAP000672-PA
JHU_Ag_63076	GAAEGQGLGNAFLSHISACDAIFHLCR	AGAP000672-PA	C19(Carbamidomethyl), C26(Carbamidomethyl)	155	4.08E-15	1	2872.361	-0.37	Ovary	X:-:11860970-11861019,11860588-11860762	exon=> In CDS Exon 4 and 3 of transcript AGAP000672-PA

JHU_Ag_66494	LAEPEIKPLIGR	AGAP000672-PA	-	62	1.14E-06	1	1335.801	1.24	Malpighian tubule	X:-:11874668-11874633	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_69647	GFDDPDVTHVEGEVDPVRDLSIISEELR	AGAP000672-PA	-	72	6.93E-07	1	3138.547	7.64	Malpighian tubule	X:-:11860761-11860678	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_72731	YLFLTSKPCIYLVNLSDKDFIR	AGAP000672-PA	C9(Carbamidomethyl)	149	8.25E-15	1	2705.429	-2.95	Ovary	X:-:11857014-11856949	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_73060	SAAPAENFPFCTIDPNESR	AGAP000672-PA	C11(Carbamidomethyl)	46	0.000313243	1	2122.958	3.82	Ovary	X:-:11874554-11874683,11871350-11871406	exon=> In CDS Exon 2 and 1 of transcript AGAP000672-PA
JHU_Ag_73077	VPAYLNVVDIAGLVK	AGAP000672-PA	-	129	2.39E-13	1	1570.924	2.54	Male reproductive organs	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_74562	NDPGAPIIPFSGAFEQQLTELETDADRK	AGAP000672-PA	-	68	2.14E-06	1	3059.493	-0.99	Ovary	X:-:11856903-11856820	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_74893	FNAGAGLKDAK	AGAP000672-PA	-	46	0.000280132	2	1091.587	2.52	Ovary	X:-:11856501-11856469	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_75886	GFDDPDVTHVEGEVDPVRDLSIISEELR	AGAP000672-PA	-	137	2.28E-13	1	3138.548	8.11	Midgut	X:-:11860761-11860678	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_76234	NYVVEDGDIIFFK	AGAP000672-PA	-	63	7.32E-06	1	1558.789	6.27	Salivary gland	X:-:11856540-11856502	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_78960	GAAEGQGLGNAFLSHISACDAIFHLCR	AGAP000672-PA	C19(Carbamidomethyl), C26(Carbamidomethyl)	78	2.13E-07	1	2872.368	1.98	Head	X:-:11860970-11861019,11860588-11860762	exon=> In CDS Exon 4 and 3 of transcript AGAP000672-PA
JHU_Ag_80995	FDYLCEYHKPASK	AGAP000672-PA	C5(Carbamidomethyl)	48	0.000199858	1	1657.765	-1.71	Salivary gland	X:-:11871384-11871406,11860892-11861016	exon=> In CDS Exon 3 and 2 of transcript AGAP000672-PA
JHU_Ag_85269	FADWSAHDIEVLNK	AGAP000672-PA	-	100	1.51E-09	1	1644.803	1.04	Ovary	X:-:11857056-11857015	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_85841	NYVVEDGDIIFFK	AGAP000672-PA	-	60	1.42E-05	1	1558.781	1.18	Pupa	X:-:11856540-11856502	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_86043	STFFNVLTK	AGAP000672-PA	-	42	0.000517	2	1056.572	-0.83	Pupa	X:-:11874581-11874555	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_86968	GAAEGQGLGNAFLSHISACDAIFHLCR	AGAP000672-PA	C19(Carbamidomethyl), C26(Carbamidomethyl)	127	2.46E-12	1	2872.368	2.24	Malpighian tubule	X:-:11860970-11861019,11860588-11860762	exon=> In CDS Exon 4 and 3 of transcript AGAP000672-PA
JHU_Ag_88053	KLAEPEIKPLIGR	AGAP000672-PA	-	58	9.71E-07	1	1463.897	1.87	Malpighian tubule	X:-:11874671-11874633	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_88438	AYEEEHK	AGAP000672-PA	-	41	0.000404621	1	905.400	-0.08	Head	X:-:11856819-11856799	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_91124	SKPEYETLLK	AGAP000672-PA	-	46	0.000244787	1	1207.658	0.66	Malpighian tubule	X:-:11860602-11860763,11856460-11857096	exon=> In CDS Exon 5 and 4 of transcript AGAP000672-PA
JHU_Ag_92469	VPAYLNVVDIAGLVK	AGAP000672-PA	-	118	2.95E-12	1	1570.925	3	Pupa	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_94588	SKPEYETLLK	AGAP000672-PA	-	49	0.000117703	1	1207.657	0.43	Ovary	X:-:11860602-11860763,11856460-11857096	exon=> In CDS Exon 5 and 4 of transcript AGAP000672-PA
JHU_Ag_96563	FADWSAHDIEVLNK	AGAP000672-PA	-	84	5.26E-08	1	1644.808	3.76	Midgut	X:-:11857056-11857015	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_96679	VPAYLNVVDIAGLVK	AGAP000672-PA	-	134	7.60E-14	1	1570.925	3.08	Head	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_98243	ALQLEYFFTAGPDEVK	AGAP000672-PA	-	94	5.68E-09	2	1827.917	0.07	Midgut	X:-:11856756-11856709	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_100374	YLFLTSKPCIYLVNLSDKDFIR	AGAP000672-PA	C9(Carbamidomethyl)	57	1.06E-05	1	2705.441	1.42	Visceras	X:-:11857014-11856949	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_100658	VPVPDAR	AGAP000672-PA	-	36	0.001429053	2	753.426	0.23	Malpighian tubule	X:-:11871405-11871385	exon=> In CDS Exon 2 of transcript AGAP000672-PA

JHU_Ag_102356	SAAPAENFPFCTIDPNESR	AGAP000672-PA	C11(Carbamidomethyl)	62	6.79E-06	1	2122.957	3.13	Salivary gland	X:-:11874554-11874683,11871350-11871406	exon=> In CDS Exon 2 and 1 of transcript AGAP000672-PA
JHU_Ag_102850	FADWSAHDIEVLNK	AGAP000672-PA	-	63	7.44E-06	1	1644.805	2.16	Pupa	X:-:11857056-11857015	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_102960	IGIVGVPNVGK	AGAP000672-PA	-	63	7.77E-07	2	1052.651	4.49	Larva	X:-:11874614-11874582	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_109948	STFFNVLTK	AGAP000672-PA	-	63	3.68E-06	1	1056.575	2.29	Malpighian tubule	X:-:11874581-11874555	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_110283	VPAYLNVVDIAGLVK	AGAP000672-PA	-	99	2.45E-10	1	1570.925	3.08	Salivary gland	X:-:11861015-11860971	exon=> In CDS Exon 3 of transcript AGAP000672-PA
JHU_Ag_111329	ALQLEYFFTAGPDEVK	AGAP000672-PA	-	53	6.53E-05	2	1827.932	8.35	Pupa	X:-:11856756-11856709	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_115412	FDYLCEYHKPASK	AGAP000672-PA	C5(Carbamidomethyl)	34	0.006007259	1	1657.769	0.54	Malpighian tubule	X:-:11871384-11871406,11860892-11861016	exon=> In CDS Exon 3 and 2 of transcript AGAP000672-PA
JHU_Ag_115765	ALQLEYFFTAGPDEVK	AGAP000672-PA	-	78	1.96E-07	1	1827.923	3.34	Malpighian tubule	X:-:11856756-11856709	exon=> In CDS Exon 5 of transcript AGAP000672-PA
JHU_Ag_116494	GFDDPDVTHVEGEVDPVR	AGAP000672-PA	-	91	9.75E-09	1	1982.910	0.42	Midgut	X:-:11860761-11860708	exon=> In CDS Exon 4 of transcript AGAP000672-PA
JHU_Ag_117027	STFFNVLTK	AGAP000672-PA	-	43	0.000345534	1	1056.573	0.32	Male reproductive organs	X:-:11874581-11874555	exon=> In CDS Exon 1 of transcript AGAP000672-PA
JHU_Ag_1033	KYQEWESNEEIQLFR	AGAP000679-PA	-	126	3.75E-12	1	1998.959	1.63	Malpighian tubule	X:+:12117697-12117741	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_1630	WTHAPFGAEMDHEGRIYAR	AGAP000679-PA	M10(Oxidation)	73	5.54E-07	1	2260.036	0.3	Malpighian tubule	X:+:12118203-12118259	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_2822	CPYVKPTK	AGAP000679-PA	C1(Carbamidomethyl)	54	4.68E-05	1	992.523	-0.34	Malpighian tubule	X:+:12119044-12119067	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_4459	TIHATFVPDEEIGGK	AGAP000679-PA	-	45	0.000357347	1	1613.824	4.55	Larva	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_5887	AHYIIDK	AGAP000679-PA	-	42	0.001221453	1	859.466	-1.59	Head	X:+:12118665-12118685	exon=> In CDS Exon 3 of transcript AGAP000679-PA
JHU_Ag_5889	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	125	3.47E-12	1	2356.225	4.38	Larva	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_6516	FRENEVK	AGAP000679-PA	-	36	0.003275059	1	921.479	0.03	Malpighian tubule	X:+:12118695-12118715	exon=> In CDS Exon 3 of transcript AGAP000679-PA
JHU_Ag_7618	LDGSNIYWVAFKDALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	76	1.25E-07	1	3749.943	6.73	Malpighian tubule	X:+:12119068-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_9406	IPTVHPNVNYDECVEFLKR	AGAP000679-PA	C13(Carbamidomethyl)	54	6.62E-05	1	2330.163	1.13	Visceras	X:+:12117754-12117784,12118027-12118052	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA
JHU_Ag_10856	TIHATFVPDEEIGGK	AGAP000679-PA	-	61	1.06E-05	1	1613.821	2.36	Ovary	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_11432	LDGSNIYWVAFK	AGAP000679-PA	-	98	2.21E-09	1	1412.722	1.08	Head	X:+:12119068-12119103	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_12115	KPIVIITWEGTAPEQK	AGAP000679-PA	-	78	5.10E-08	2	1810.013	0.83	Midgut	X:+:12118104-12118151	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_13482	KIIANVANA	AGAP000679-PA	-	56	1.80E-05	1	913.548	1.03	Malpighian tubule	X:+:12119296-12119322	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_13722	LENNPDFTIGDVTTVNITLMK	AGAP000679-PA	M20(Oxidation)	81	1.01E-07	2	2335.199	6.07	Malpighian tubule	X:+:12118719-12118781	exon=> In CDS Exon 3 of transcript AGAP000679-PA
JHU_Ag_14530	QAASLDLPVR	AGAP000679-PA	Q1(Deamidated)	73	2.68E-07	2	1069.602	1.65	Malpighian tubule	X:+:12118053-12118082	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_16305	EAGGGIELEYDQK	AGAP000679-PA	-	109	1.51E-10	1	1408.660	0.93	Malpighian tubule	X:+:12119005-12119043	exon=> In CDS Exon 4 of transcript AGAP000679-PA

JHU_Ag_17610	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	92	7.18E-09	1	2356.216	0.65	Ovary	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_18340	EAGGGIELEYDQK	AGAP000679-PA	-	39	0.001733417	2	1408.663	2.75	Ovary	X:+:12119005-12119043	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_18683	LAVDVNHLEFENQLLDWCR	AGAP000679-PA	C18(Carbamidomethyl)	54	5.81E-05	1	2371.149	-0.38	Salivary gland	X:+:12118948-12119004	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_22670	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	63	5.75E-06	1	2356.215	0.34	Salivary gland	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_22995	LDGSNIYWVAFK	AGAP000679-PA	-	48	0.000227888	2	1412.726	3.33	Male reproductive organs	X:+:12119068-12119103	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_24309	KYQEWESNEEIQLFR	AGAP000679-PA	-	65	4.37E-06	2	1998.956	0.04	Head	X:+:12117697-12117741	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_24676	IPTVHPNVNYDECVEFLK	AGAP000679-PA	C13(Carbamidomethyl)	67	2.62E-06	1	2174.068	4.07	Ovary	X:+:12117754-12117784,12118027-12118049	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA
JHU_Ag_29627	RQAASLDLPVR	AGAP000679-PA	-	48	8.31E-05	3	1225.694	-5.83	Head	X:+:12118050-12118082	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_29651	LAVDVNHLEFENQLLDWCR	AGAP000679-PA	C18(Carbamidomethyl)	128	2.49E-12	1	2371.151	0.55	Malpighian tubule	X:+:12118948-12119004	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_31470	TIHATFVPDEEIGGK	AGAP000679-PA	-	54	4.78E-05	1	1613.821	2.28	Male reproductive organs	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_34229	LGMMEWVHK	AGAP000679-PA	M3(Oxidation), M4(Oxidation)	56	2.89E-05	1	1130.550	1.39	Malpighian tubule	X:+:12118389-12118415	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_34347	RTIHATFVPDEEIGGK	AGAP000679-PA	-	40	0.001253063	2	1769.926	4.47	Midgut	X:+:12118341-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_35345	YQEWESNEEIQLFR	AGAP000679-PA	-	106	2.95E-10	2	1870.862	0.96	Head	X:+:12117700-12117741	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_37755	IPTVHPNVNYDECVEFLKR	AGAP000679-PA	C13(Carbamidomethyl)	125	5.41E-12	1	2330.155	-2.27	Malpighian tubule	X:+:12117754-12117784,12118027-12118052	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA
JHU_Ag_37784	WTHAPFGAEMDHEGR	AGAP000679-PA	-	53	2.57E-05	1	1740.758	1.64	Malpighian tubule	X:+:12118203-12118247	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_38652	KIIANVANA	AGAP000679-PA	-	50	6.75E-05	1	913.546	-0.17	Pupa	X:+:12119296-12119322	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_39753	IPTVHPNVNYDECVEFLK	AGAP000679-PA	C13(Carbamidomethyl)	76	4.09E-07	1	2174.057	-0.73	Pupa	X:+:12117754-12117784,12118027-12118049	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA
JHU_Ag_40235	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	138	1.50E-13	1	2356.218	1.35	Pupa	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_40279	RTIHATFVPDEEIGGK	AGAP000679-PA	-	95	4.13E-09	1	1769.920	0.91	Malpighian tubule	X:+:12118341-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_40678	SIILNSHMDVVPVYPER	AGAP000679-PA	N5(Deamidated), M8(Oxidation),M8(Oxidation)	138	1.86E-13	1	1969.024	1.45	Malpighian tubule	X:+:12118152-12118202	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_43446	RLENNPDFTIGDVTTVNITLMK	AGAP000679-PA	M21(Oxidation)	137	2.54E-13	1	2507.280	-0.53	Malpighian tubule	X:+:12118716-12118781	exon=> In CDS Exon 3 of transcript AGAP000679-PA
JHU_Ag_44376	TIHATFVPDEEIGGK	AGAP000679-PA	-	59	1.96E-05	1	1613.815	-1.12	Midgut	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_45279	KPIVIITWEGTAPEQK	AGAP000679-PA	-	133	1.76E-13	1	1810.013	1.03	Malpighian tubule	X:+:12118104-12118151	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_45317	YQEWESNEEIQLFR	AGAP000679-PA	-	88	2.27E-08	2	1870.869	4.35	Ovary	X:+:12117700-12117741	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_45695	IPTVHPNVNYDECVEFLKR	AGAP000679-PA	C13(Carbamidomethyl)	143	8.02E-14	1	2330.168	3.43	Ovary	X:+:12117754-12117784,12118027-12118052	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA

JHU_Ag_47671	YQEWESNEEIQLFREYLR	AGAP000679-PA	-	72	9.13E-07	1	2432.164	4.98	Malpighian tubule	X:+:12117700-12117753	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_48394	TIHATFVPDEEIGGK	AGAP000679-PA	-	35	0.004636773	1	1613.821	2.36	Visceras	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_48479	KYQEWESNEEIQLFR	AGAP000679-PA	-	121	1.10E-11	1	1998.959	1.63	Ovary	X:+:12117697-12117741	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_49302	KPIVIITWEGTAPEQK	AGAP000679-PA	-	108	6.54E-11	1	1810.020	5.14	Ovary	X:+:12118104-12118151	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_50829	IPTVHPNVNYDECVEFLKR	AGAP000679-PA	C13(Carbamidomethyl)	97	3.12E-09	1	2330.161	0.48	Pupa	X:+:12117754-12117784,12118027-12118052	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA
JHU_Ag_50927	CVGMQFLAAIR	AGAP000679-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M4(Oxidation)"	102	7.71E-10	1	1265.653	2.76	Malpighian tubule	X:+:12118278-12118310	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_52703	IPTVHPNVNYDECVEFLK	AGAP000679-PA	C13(Carbamidomethyl)	130	1.55E-12	1	2174.061	1.04	Malpighian tubule	X:+:12117754-12117784,12118027-12118049	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA
JHU_Ag_52984	RQAASLDLPVR	AGAP000679-PA	-	33	0.002135 98	2	1225.703	1.3	Malpighian tubule	X:+:12118050-12118082	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_56609	LAVDVNHLEFENQLLDWCREAGGGIELEYDQK	AGAP000679-PA	C18(Carbamidomethyl)	114	4.58E-11	1	3760.792	0.21	Malpighian tubule	X:+:12118948-12119043	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_56964	SVWHVYFNISGTPGHGSLLLK	AGAP000679-PA	-	127	2.03E-12	1	2312.228	3.87	Malpighian tubule	X:+:12118506-12118515,12118594-12118646	exon=> In CDS Exon 2 and 3 of transcript AGAP000679-PA
JHU_Ag_57064	GGVQENVVPPELSVCFDIR	AGAP000679-PA	C15(Carbamidomethyl)	101	1.30E-09	1	2115.056	1.03	Malpighian tubule	X:+:12118891-12118947	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_58379	LDGSNIYWVAFK	AGAP000679-PA	-	76	3.54E-07	2	1412.720	-0.47	Visceras	X:+:12119068-12119103	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_59667	ADTYLEGIR	AGAP000679-PA	-	89	2.33E-08	2	1037.526	-0.3	Malpighian tubule	X:+:12119260-12119286	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_59801	LAVDVNHLEFENQLLDWCR	AGAP000679-PA	C18(Carbamidomethyl)	47	0.000268443	1	2371.156	2.4	Larva	X:+:12118948-12119004	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_62609	AHYIIDK	AGAP000679-PA	-	42	0.001002915	1	859.466	-1.11	Malpighian tubule	X:+:12118665-12118685	exon=> In CDS Exon 3 of transcript AGAP000679-PA
JHU_Ag_65994	SIILNSHMDVVPVYPER	AGAP000679-PA	M8(Oxidation)	110	1.38E-10	1	1985.022	3.14	Pupa	X:+:12118152-12118202	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_66753	LGMMEWVHKESFR	AGAP000679-PA	-	51	0.000149 73	1	1649.798	3.29	Malpighian tubule	X:+:12118389-12118427	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_68351	SIILNSHMDVVPVYPER	AGAP000679-PA	-	55	3.35E-05	2	1969.023	0.95	Ovary	X:+:12118152-12118202	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_68905	YQEWESNEEIQLFR	AGAP000679-PA	-	108	1.79E-10	1	1870.861	0.01	Malpighian tubule	X:+:12117700-12117741	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_69888	TIHATFVPDEEIGGK	AGAP000679-PA	-	84	5.93E-08	1	1613.816	-0.36	Pupa	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_72315	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	79	1.49E-07	1	2356.212	-0.98	Midgut	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_73617	GIGIPAIGFSPMNHTPVLLHDHDEFLRADTYLEGIR	AGAP000679-PA	M12(Oxidation)	124	2.16E-12	1	4002.065	7.88	Malpighian tubule	X:+:12119179-12119286	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_74098	GIGIPAIGFSPMNHTPVLLHDHDEFLR	AGAP000679-PA	M12(Oxidation), N13(Deamidated),M12(Oxidation)	160	1.20E-15	1	2999.521	0.52	Malpighian tubule	X:+:12119179-12119259	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_76104	LDGSNIYWVAFK	AGAP000679-PA	-	99	1.70E-09	1	1412.725	2.64	Pupa	X:+:12119068-12119103	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_76804	KPIVIITWEGTAPEQK	AGAP000679-PA	-	81	3.17E-08	1	1810.012	0.63	Head	X:+:12118104-12118151	exon=> In CDS Exon 2 of transcript AGAP000679-PA

JHU_Ag_77155	SVWHVYFNISGTPGHGSLLLKGTAGQK	AGAP000679-PA	-	91	4.54E-09	1	2854.504	1.43	Malpighian tubule	X:+:12118506-12118515,12118594-12118664	exon=> In CDS Exon 2 and 3 of transcript AGAP000679-PA
JHU_Ag_77802	IIANVANA	AGAP000679-PA	-	42	0.00053271	2	785.452	0.03	Malpighian tubule	X:+:12119299-12119322	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_78577	TIHATFVPDEEIGGKLGMMEWVHK	AGAP000679-PA	M18(Oxidation),"M18(Oxidation), M19(Oxidation)",M19(Oxidation)	155	4.39E-15	1	2725.357	3.31	Malpighian tubule	X:+:12118344-12118415	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_79113	LDGSNIYWVAFK	AGAP000679-PA	-	103	6.80E-10	1	1412.720	-0.39	Midgut	X:+:12119068-12119103	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_79537	QAASLDLPVR	AGAP000679-PA	-	61	4.98E-06	2	1069.600	0.28	Pupa	X:+:12118053-12118082	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_82534	ADTYLEGIR	AGAP000679-PA	-	78	2.68E-07	2	1037.527	0.52	Pupa	X:+:12119260-12119286	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_82855	VIEVNPR	AGAP000679-PA	-	48	8.26E-05	2	826.478	-0.63	Malpighian tubule	X:+:12118083-12118103	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_82955	LDGSNIYWVAFK	AGAP000679-PA	-	99	1.60E-09	2	1412.724	2.46	Malpighian tubule	X:+:12119068-12119103	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_85589	LDGSNIYWVAFK	AGAP000679-PA	-	98	2.06E-09	1	1412.726	3.59	Larva	X:+:12119068-12119103	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_87514	LAVDVNHLEFENQLLDWCR	AGAP000679-PA	C18(Carbamidomethyl)	108	2.42E-10	1	2371.153	1.24	Pupa	X:+:12118948-12119004	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_89187	QAASLDLPVRVIEVNPR	AGAP000679-PA	-	114	1.09E-11	1	1877.064	2.17	Malpighian tubule	X:+:12118053-12118103	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_90948	IPTVHPNVNYDECVEFLK	AGAP000679-PA	C13(Carbamidomethyl)	91	1.08E-08	1	2174.057	-0.81	Head	X:+:12117754-12117784,12118027-12118049	exon=> In CDS Exon 1 and 2 of transcript AGAP000679-PA
JHU_Ag_91291	ESFRELNAGFSIDEGIAGEGETYPLFYGER	AGAP000679-PA	-	76	2.80E-07	1	3353.571	3.26	Malpighian tubule	X:+:12118416-12118505	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_91988	AHYIIDKLMR	AGAP000679-PA	M9(Oxidation)	76	3.19E-07	1	1259.695	1.92	Malpighian tubule	X:+:12118665-12118694	exon=> In CDS Exon 3 of transcript AGAP000679-PA
JHU_Ag_92361	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	107	2.06E-10	1	2356.220	2.52	Visceras	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_95119	ELNAGFSIDEGIAGEGETYPLFYGER	AGAP000679-PA	-	172	9.05E-17	1	2834.317	0.36	Malpighian tubule	X:+:12118428-12118505	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_97338	TIHATFVPDEEIGGK	AGAP000679-PA	-	83	7.78E-08	1	1613.815	-1.04	Head	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_98313	GAQDMKCVGMQFLAAIR	AGAP000679-PA	M5(Oxidation), C7(Carbamidomethyl),"M5(Oxidation), C7(Carbamidomethyl), M10(Oxidation)",C7(Carbamidomethyl)	81	1.29E-07	1	1895.928	-0.31	Malpighian tubule	X:+:12118260-12118310	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_99872	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	-	143	5.41E-14	1	2356.216	0.81	Malpighian tubule	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_100737	VIEVNPR	AGAP000679-PA	-	35	0.001931412	1	826.477	-1.37	Pupa	X:+:12118083-12118103	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_101580	ELNAGFSIDEGIAGEGETYPLFYGER	AGAP000679-PA	-	59	1.83E-05	1	2834.323	2.6	Salivary gland	X:+:12118428-12118505	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_102280	VIEVNPRKPIVIITWEGTAPEQK	AGAP000679-PA	-	105	3.29E-11	1	2617.481	3.74	Malpighian tubule	X:+:12118083-12118151	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_102285	YQEWESNEEIQLFR	AGAP000679-PA	-	93	6.94E-09	2	1870.865	2.26	Pupa	X:+:12117700-12117741	exon=> In CDS Exon 1 of transcript AGAP000679-PA
JHU_Ag_102586	LAVDVNHLEFENQLLDWCR	AGAP000679-PA	C18(Carbamidomethyl)	111	1.08E-10	1	2371.151	0.24	Head	X:+:12118948-12119004	exon=> In CDS Exon 4 of transcript AGAP000679-PA

JHU_Ag_103197	SIILNSHMDVVPVYPER	AGAP000679-PA	M8(Oxidation)	50	0.000154127	1	1985.020	2.15	Midgut	X:+:12118152-12118202	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_107137	TIHATFVPDEEIGGK	AGAP000679-PA	-	95	4.49E-09	1	1613.817	-0.14	Malpighian tubule	X:+:12118344-12118388	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_110479	DALDELGLQVKPQIFPGGTDSR	AGAP000679-PA	Q13(Deamidated)	134	4.50E-13	1	2356.218	1.66	Head	X:+:12119104-12119169	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_110528	LAVDVNHLEFENQLLDWCR	AGAP000679-PA	C18(Carbamidomethyl)	87	3.32E-08	1	2371.149	-0.45	Visceras	X:+:12118948-12119004	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_115124	KPIVIITWEGTAPEQK	AGAP000679-PA	-	133	1.81E-13	1	1810.016	2.72	Pupa	X:+:12118104-12118151	exon=> In CDS Exon 2 of transcript AGAP000679-PA
JHU_Ag_117503	LAVDVNHLEFENQLLDWCR	AGAP000679-PA	C18(Carbamidomethyl)	103	7.61E-10	1	2371.158	3.48	Ovary	X:+:12118948-12119004	exon=> In CDS Exon 4 of transcript AGAP000679-PA
JHU_Ag_39600	YLEDKPSELISYDR	AGAP000680-PA	-	60	1.50E-05	1	1727.851	1.07	Ovary	X:-:12119870-12120056,12119442-12119763	exon=> In CDS Exon 2 and 1 of transcript AGAP000680-PA
JHU_Ag_57829	QLTGADGTVITQR	AGAP000680-PA	-	63	7.22E-06	1	1359.723	0.52	Ovary	X:-:12119951-12119913	exon=> In CDS Exon 1 of transcript AGAP000680-PA
JHU_Ag_74384	MDVAEPAMLEQILAETVGVR	AGAP000680-PA	M1(Oxidation), M8(Oxidation)	68	2.40E-06	1	2204.099	2.12	Ovary	X:-:12119723-12119664	exon=> In CDS Exon 2 of transcript AGAP000680-PA
JHU_Ag_96636	LFELSDADLMTGAYIDELLK	AGAP000680-PA	M10(Oxidation)	128	2.27E-12	1	2273.134	3.62	Ovary	X:-:12119504-12119445	exon=> In CDS Exon 2 of transcript AGAP000680-PA
JHU_Ag_6462	FLDDFTSAFK	AGAP000691-PA	-	55	5.91E-05	2	1190.574	0.66	Head	X:-:12436044-12436015	exon=> In CDS Exon 1 of transcript AGAP000691-PA
JHU_Ag_14384	VTEVASGTTETSK	AGAP000691-PA	-	97	3.68E-09	2	1309.650	1.23	Head	X:-:12436092-12436054	exon=> In CDS Exon 1 of transcript AGAP000691-PA
JHU_Ag_20851	DGVMQGYDYVR	AGAP000691-PA	M4(Oxidation)	75	1.29E-07	1	1318.573	-0.17	Head	X:-:12435960-12435928	exon=> In CDS Exon 1 of transcript AGAP000691-PA
JHU_Ag_9003	NAILGFVFGK	AGAP000696-PA	-	50	5.45E-05	1	1065.609	-0.48	Head	X:-:12479941-12480013,12477315-12477699	exon=> In CDS Exon 3 and 2 of transcript AGAP000696-PA
JHU_Ag_5843	LITSLI	AGAP000697-PB,AGAP000697-PA	-	28	0.003446978	1	659.437	5.19	Head	X:+:12536532-12536549;X:+:12536532-12536549	exon=> In CDS Exon 6 of transcript AGAP000697-PB;exon=> In CDS Exon 7 of transcript AGAP000697-PA
JHU_Ag_9413	AHSPDDHDLGK	AGAP000697-PB,AGAP000697-PA	-	54	3.81E-05	1	1191.532	-6.21	Head	X:+:12536227-12536259;X:+:12536227-12536259	exon=> In CDS Exon 5 of transcript AGAP000697-PB;exon=> In CDS Exon 6 of transcript AGAP000697-PA
JHU_Ag_27994	AHSPDDHDLGKGDGYTEGIPGPVTR	AGAP000697-PB,AGAP000697-PA	-	112	8.29E-11	1	2591.217	2	Pupa	X:+:12536227-12536301;X:+:12536227-12536301	exon=> In CDS Exon 5 of transcript AGAP000697-PB;exon=> In CDS Exon 6 of transcript AGAP000697-PA
JHU_Ag_35202	GDGYTEGIPGPVTR	AGAP000697-PB,AGAP000697-PA	-	52	0.000128953	2	1418.696	3.69	Head	X:+:12536260-12536301;X:+:12536260-12536301	exon=> In CDS Exon 5 of transcript AGAP000697-PB;exon=> In CDS Exon 6 of transcript AGAP000697-PA
JHU_Ag_54663	GLSNLIQDLILR	AGAP000697-PB,AGAP000697-PA	-	80	2.78E-08	1	1354.812	5.05	Head	X:+:12536323-12536355,12536487-12536489;X:+:12536323-12536355,12536487-12536489	exon=> In CDS Exon 5 and 6 of transcript AGAP000697-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP000697-PA
JHU_Ag_59525	LFVLANRGLSNLIQDLILR	AGAP000697-PB,AGAP000697-PA	-	24	0.001288451	1	2168.299	3.34	Malpighian tubule	X:+:12536302-12536355,12536487-12536489;X:+:12536302-12536355,12536487-12536489	exon=> In CDS Exon 5 and 6 of transcript AGAP000697-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP000697-PA

JHU_Ag_70937	LFVLANR	AGAP000697-PB,AGAP000697-PA	-	35	0.001304636	1	832.508	4.22	Head	X:+:12536302-12536322;X:+:12536302-12536322	exon=> In CDS Exon 5 of transcript AGAP000697-PB;exon=> In CDS Exon 6 of transcript AGAP000697-PA
JHU_Ag_80552	GLSNLIQDLILR	AGAP000697-PB,AGAP000697-PA	-	81	1.90E-08	2	1354.809	2.8	Pupa	X:+:12536323-12536355,12536487-12536489;X:+:12536323-12536355,12536487-12536489	exon=> In CDS Exon 5 and 6 of transcript AGAP000697-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP000697-PA
JHU_Ag_83907	GDGYTEGIPGPVTR	AGAP000697-PB,AGAP000697-PA	-	48	0.000260398	1	1418.691	0.25	Pupa	X:+:12536260-12536301;X:+:12536260-12536301	exon=> In CDS Exon 5 of transcript AGAP000697-PB;exon=> In CDS Exon 6 of transcript AGAP000697-PA
JHU_Ag_108502	LVSGSSGTEQSDEK	AGAP000697-PB,AGAP000697-PA	-	50	0.000120264	2	1423.657	1.76	Head	X:+:12536185-12536226;X:+:12536185-12536226	exon=> In CDS Exon 5 of transcript AGAP000697-PB;exon=> In CDS Exon 6 of transcript AGAP000697-PA
JHU_Ag_1399	LVAEFGELPASQK	AGAP000698-PA	-	121	1.04E-11	1	1388.746	2.75	Malpighian tubule	X:+:12541567-12541605	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_1762	GPEPYGEDR	AGAP000698-PA	-	47	8.22E-05	1	1019.445	1.62	Malpighian tubule	X:+:12542272-12542298	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_5879	IGDAVFRYEMPCLR	AGAP000698-PA	C12(Carbamidomethyl)	48	0.000241506	1	1726.843	1.76	Malpighian tubule	X:+:12542314-12542355	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_11442	VTVLQFRPNFVVR	AGAP000698-PA	-	43	0.000140087	3	1574.918	0.6	Head	X:+:12542233-12542271	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_12119	IGDAVFR	AGAP000698-PA	-	59	2.23E-05	2	777.427	2.34	Malpighian tubule	X:+:12542314-12542334	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_15878	LVAEFGELPASQK	AGAP000698-PA	-	105	4.85E-10	1	1388.743	0.55	Midgut	X:+:12541567-12541605	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_16758	AGELTELYVYPVK	AGAP000698-PA	-	63	4.07E-06	2	1481.791	1.86	Head	X:+:12541711-12541749	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_17567	QLPSYGESPAFGIHLGLR	AGAP000698-PA	-	94	3.60E-09	1	1942.025	3.31	Malpighian tubule	X:+:12542515-12542568	exon=> In CDS Exon 3 of transcript AGAP000698-PA
JHU_Ag_22720	SCAPIVLQQADCADLGPQR	AGAP000698-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	150	1.67E-14	1	2099.002	0.39	Malpighian tubule	X:+:12541750-12541806	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_26529	CIFTTIDPASGVAHPDKEPLR	AGAP000698-PA	C1(Carbamidomethyl)	57	2.98E-05	1	2324.164	-2.58	Midgut	X:+:12542356-12542418	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_27221	QLPSYGESPAFGIHLGLR	AGAP000698-PA	-	62	6.80E-06	1	1942.020	0.77	Ovary	X:+:12542515-12542568	exon=> In CDS Exon 3 of transcript AGAP000698-PA
JHU_Ag_28292	HGGDTGSLQDETSYMLFNEASVTDLNR	AGAP000698-PA	-	41	0.000845353	3	2957.335	4.41	Malpighian tubule	X:+:12542137-12542217	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_28725	VTVLQFRPNFVVR	AGAP000698-PA	-	48	4.21E-05	1	1574.915	-1.03	Midgut	X:+:12542233-12542271	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_28862	IEVGALGAADATR	AGAP000698-PA	-	45	0.000394552	2	1243.669	3.78	Salivary gland	X:+:12541960-12541998	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_28877	GPEPYGEDRWR	AGAP000698-PA	-	39	0.001295496	1	1361.622	-1.26	Midgut	X:+:12542272-12542304	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_41307	GPEPYGEDRWR	AGAP000698-PA	-	48	0.000155251	1	1361.625	0.98	Malpighian tubule	X:+:12542272-12542304	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_43818	LVAEFGELPASQK	AGAP000698-PA	-	85	3.97E-08	2	1388.748	4.33	Head	X:+:12541567-12541605	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_45661	LENKVTVLQFRPNFVVR	AGAP000698-PA	-	26	0.003364677	1	2059.187	2.89	Malpighian tubule	X:+:12542221-12542271	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_46164	TFMVTNADGK	AGAP000698-PA	-	38	0.00207079	2	1083.516	1.79	Malpighian tubule	X:+:12541825-12541854	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_50657	IGDAVFR	AGAP000698-PA	-	55	5.54E-05	2	777.425	-0.01	Midgut	X:+:12542314-12542334	exon=> In CDS Exon 2 of transcript AGAP000698-PA

JHU_Ag_53429	QLPSYGESPAFGIHLGLRR	AGAP000698-PA	-	49	9.98E-05	1	2098.125	2.69	Malpighian tubule	X:+:12542515-12542571	exon=> In CDS Exon 3 of transcript AGAP000698-PA
JHU_Ag_54261	LRYYPLK	AGAP000698-PA	-	30	0.003247237	1	952.562	0.09	Head	X:+:12542098-12542118	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_62438	VTVLQFRPNFVVR	AGAP000698-PA	-	32	0.001591989	3	1574.920	2.11	Visceras	X:+:12542233-12542271	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_62995	AGELTELYVYPVK	AGAP000698-PA	-	81	5.59E-08	1	1481.795	4	Malpighian tubule	X:+:12541711-12541749	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_68344	MVLVQPR	AGAP000698-PA	-	37	0.001374806	1	842.494	2.64	Malpighian tubule	X:+:12541882-12541902	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_69450	VTVLQFRPNFVVR	AGAP000698-PA	-	50	2.35E-05	1	1574.921	2.46	Salivary gland	X:+:12542233-12542271	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_73261	STVWGETVPTVDCGSEAAR	AGAP000698-PA	C13(Carbamidomethyl)	79	1.79E-07	1	2021.924	0.18	Midgut	X:+:12541999-12542055	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_73932	IEVGALGAADATR	AGAP000698-PA	-	52	7.67E-05	2	1243.667	2.5	Visceras	X:+:12541960-12541998	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_74988	YLLDKEDGYR	AGAP000698-PA	-	61	1.04E-05	1	1271.627	0.35	Malpighian tubule	X:+:12542068-12542097	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_78257	IGDAVFR	AGAP000698-PA	-	59	2.30E-05	2	777.425	-0.01	Ovary	X:+:12542314-12542334	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_80450	LVAEFGELPASQK	AGAP000698-PA	-	66	3.14E-06	2	1388.748	4.24	Larva	X:+:12541567-12541605	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_80640	FETMYLTAPGMPELR	AGAP000698-PA	M4(Oxidation), M11(Oxidation)	41	0.001218619	2	1787.833	-0.66	Midgut	X:+:12541915-12541959	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_81477	CIFTTIDPASGVAHPDKEPLR	AGAP000698-PA	C1(Carbamidomethyl)	88	2.42E-08	1	2324.171	0.15	Malpighian tubule	X:+:12542356-12542418	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_81689	LVAEFGELPASQK	AGAP000698-PA	-	52	7.65E-05	2	1388.749	5.12	Salivary gland	X:+:12541567-12541605	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_84683	IEVGALGAADATR	AGAP000698-PA	-	48	0.000217131	2	1243.668	2.99	Pupa	X:+:12541960-12541998	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_84845	IEVGALGAADATR	AGAP000698-PA	-	109	1.56E-10	1	1243.665	1.03	Malpighian tubule	X:+:12541960-12541998	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_85314	IEVGALGAADATR	AGAP000698-PA	-	79	1.68E-07	2	1243.666	1.32	Ovary	X:+:12541960-12541998	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_86197	CIFTTIDPASGVAHPDK	AGAP000698-PA	C1(Carbamidomethyl)	77	2.92E-07	1	1828.893	1.83	Malpighian tubule	X:+:12542356-12542406	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_88422	KAGELTELYVYPVK	AGAP000698-PA	-	67	1.34E-06	1	1609.884	-0.03	Midgut	X:+:12541708-12541749	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_88722	AGELTELYVYPVK	AGAP000698-PA	-	64	3.25E-06	2	1481.789	-0.12	Midgut	X:+:12541711-12541749	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_91171	TFMVTNADGKFVTAR	AGAP000698-PA	M3(Oxidation)	92	8.21E-09	1	1657.840	2.05	Malpighian tubule	X:+:12541825-12541869	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_93095	SCAPIVLQQADCADLGPQR	AGAP000698-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	135	5.07E-13	1	2099.001	0.16	Midgut	X:+:12541750-12541806	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_94026	QLPSYGESPAFGIHLGLR	AGAP000698-PA	-	80	1.13E-07	1	1942.019	0.48	Midgut	X:+:12542515-12542568	exon=> In CDS Exon 3 of transcript AGAP000698-PA
JHU_Ag_94784	IEVGALGAADATR	AGAP000698-PA	-	49	0.000156215	2	1243.666	1.13	Head	X:+:12541960-12541998	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_97954	LVAEFGELPASQK	AGAP000698-PA	-	62	8.55E-06	2	1388.744	1.43	Pupa	X:+:12541567-12541605	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_99390	STVWGETVPTVDCGSEAAR	AGAP000698-PA	C13(Carbamidomethyl)	128	1.96E-12	1	2021.926	1.26	Malpighian tubule	X:+:12541999-12542055	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_99749	FETMYLTAPGMPELR	AGAP000698-PA	M4(Oxidation)	74	5.80E-07	1	1755.848	2.02	Malpighian tubule	X:+:12541915-12541959	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_107749	YYPLKYTSR	AGAP000698-PA	-	40	0.001867938	1	1190.625	3.46	Malpighian tubule	X:+:12542104-12542130	exon=> In CDS Exon 2 of transcript AGAP000698-PA

JHU_Ag_109102	QLPSYGESPAFGIHLGLR	AGAP000698-PA	-	34	0.004050674	1	1942.024	3.12	Pupa	X:+:12542515-12542568	exon=> In CDS Exon 3 of transcript AGAP000698-PA
JHU_Ag_111159	VTVLQFRPNFVVR	AGAP000698-PA	-	67	5.47E-07	1	1574.921	2.58	Malpighian tubule	X:+:12542233-12542271	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_117751	KAGELTELYVYPVK	AGAP000698-PA	-	128	1.12E-12	1	1609.890	3.76	Malpighian tubule	X:+:12541708-12541749	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_117831	YLLDKEDGYR	AGAP000698-PA	-	63	6.75E-06	1	1271.627	0.44	Midgut	X:+:12542068-12542097	exon=> In CDS Exon 2 of transcript AGAP000698-PA
JHU_Ag_11997	QFQCSPIGPQVGFLR	AGAP000699-PA,AGAP000699-PB	C4(Carbamidomethyl)	75	5.09E-07	2	1733.884	2.92	Malpighian tubule	X:-:12545080-12545036;X:-:12545080-12545036	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_14380	IFMVVK	AGAP000699-PA,AGAP000699-PB	-	41	0.000279995	1	736.443	-0.1	Midgut	X:-:12545029-12545012;X:-:12545029-12545012	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_19284	LVYYPLDRPTRPVR	AGAP000699-PA,AGAP000699-PB	-	35	0.00138106	1	1744.987	0.62	Malpighian tubule	X:-:12544750-12544709;X:-:12544750-12544709	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_23552	VGEVSDLWIYPIK	AGAP000699-PA,AGAP000699-PB	-	75	2.94E-07	1	1518.829	5.73	Larva	X:-:12545143-12545105;X:-:12545143-12545105	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_36235	SHPTLVLVQPAFDAQYER	AGAP000699-PA,AGAP000699-PB	-	63	5.98E-06	1	2071.064	1.44	Malpighian tubule	X:-:12544981-12544928;X:-:12544981-12544928	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_40330	VRQFQCSPIGPQVGFLR	AGAP000699-PA,AGAP000699-PB	C6(Carbamidomethyl)	36	0.002411251	1	1989.054	2.7	Malpighian tubule	X:-:12545086-12545036;X:-:12545086-12545036	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_44526	DSGALHDATSYMLVSEGSVADVNAR	AGAP000699-PA,AGAP000699-PB	M12(Oxidation)	101	8.87E-10	2	2581.181	-0.84	Midgut	X:-:12544672-12544598;X:-:12544672-12544598	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_45800	SHPTLVLVQPAFDAQYER	AGAP000699-PA,AGAP000699-PB	-	52	7.58E-05	1	2071.066	2.52	Visceras	X:-:12544981-12544928;X:-:12544981-12544928	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_46503	LDKPVPALQFR	AGAP000699-PA,AGAP000699-PB	-	50	4.32E-05	1	1283.748	0.79	Midgut	X:-:12544597-12544565;X:-:12544597-12544565	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_47040	IGDTVYR	AGAP000699-PA,AGAP000699-PB	-	52	7.40E-05	2	823.431	-0.12	Midgut	X:-:12544504-12544484;X:-:12544504-12544484	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_47395	KLLESSAPGSAEVWDQPVTAVDCGEEVAR	AGAP000699-PA,AGAP000699-PB	C23(Carbamidomethyl)	140	1.62E-13	1	3100.487	-0.82	Midgut	X:-:12544879-12544793;X:-:12544879-12544793	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_48625	LVYYPLDRPTRPVR	AGAP000699-PA,AGAP000699-PB	-	42	0.00035107	1	1744.982	-2.1	Salivary gland	X:-:12544750-12544709;X:-:12544750-12544709	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB

JHU_Ag_53684	LVYYPLDRPTRPVR	AGAP000699-PA,AGAP000699-PB	-	37	0.000883512	1	1744.988	1.04	Head	X:-:12544750-12544709;X:-:12544750-12544709	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_55106	GPSAFEEDDWKWIR	AGAP000699-PA,AGAP000699-PB	-	61	1.28E-05	1	1735.803	-2.89	Midgut	X:-:12544546-12544505;X:-:12544546-12544505	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_56398	VGEVSDLWIYPIK	AGAP000699-PA,AGAP000699-PB	-	36	0.002572299	1	1518.827	4.69	Male reproductive organs	X:-:12545143-12545105;X:-:12545143-12545105	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_65627	QFQCSPIGPQVGFLR	AGAP000699-PA,AGAP000699-PB	C4(Carbamidomethyl)	80	1.48E-07	2	1733.879	-0.11	Midgut	X:-:12545080-12545036;X:-:12545080-12545036	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_69470	MTLSAPGMMDIGVDVK	AGAP000699-PA,AGAP000699-PB	M8(Oxidation), M9(Oxidation),"M1(Oxidation), M8(Oxidation), M9(Oxidation)"	70	1.30E-06	2	1712.789	-1.01	Midgut	X:-:12544927-12544880;X:-:12544927-12544880	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_72278	CLFTNVDPETGVSSPEQEPLTTLR	AGAP000699-PA,AGAP000699-PB	C1(Carbamidomethyl)	66	4.01E-06	2	2690.298	-0.09	Midgut	X:-:12543098-12543027;X:-:12543098-12543027	exon=> In CDS Exon 3 of transcript AGAP000699-PA;exon=> In CDS Exon 3 of transcript AGAP000699-PB
JHU_Ag_73955	LKPGLGQSPVVGMQMGIR	AGAP000699-PA,AGAP000699-PB	M13(Oxidation), M15(Oxidation)	71	9.03E-07	1	1900.013	-0.6	Midgut	X:-:12543017-12542964;X:-:12543017-12542964	exon=> In CDS Exon 3 of transcript AGAP000699-PA;exon=> In CDS Exon 3 of transcript AGAP000699-PB
JHU_Ag_80007	LVYYPLDRPTRPVR	AGAP000699-PA,AGAP000699-PB	-	52	3.09E-05	1	1744.983	-1.79	Midgut	X:-:12544750-12544709;X:-:12544750-12544709	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_96143	LLESSAPGSAEVWDQPVTAVDCGEEVAR	AGAP000699-PA,AGAP000699-PB	C22(Carbamidomethyl)	58	2.33E-05	2	2972.399	1.55	Midgut	X:-:12544876-12544793;X:-:12544876-12544793	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_97208	ANILVK	AGAP000699-PA,AGAP000699-PB	-	40	0.000262463	1	657.429	-0.06	Midgut	X:-:12544564-12544547;X:-:12544564-12544547	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_97246	SHPTLVLVQPAFDAQYER	AGAP000699-PA,AGAP000699-PB	-	72	7.91E-07	1	2071.061	0.05	Head	X:-:12544981-12544928;X:-:12544981-12544928	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_98777	FLLSEDFGLR	AGAP000699-PA,AGAP000699-PB	-	39	0.001384371	2	1196.629	-1.35	Pupa	X:-:12544780-12544751;X:-:12544780-12544751	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_99783	VGEVSDLWIYPIK	AGAP000699-PA,AGAP000699-PB	-	108	2.06E-10	2	1518.821	0.27	Midgut	X:-:12545143-12545105;X:-:12545143-12545105	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB

JHU_Ag_100927	GPSAFEEDDWK	AGAP000699-PA,AGAP000699-PB	-	83	3.07E-08	1	1280.543	-0.02	Midgut	X:-:12544546-12544514;X:-:12544546-12544514	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_104334	AAQQPPSEWHR	AGAP000699-PA,AGAP000699-PB	-	38	0.002261322	1	1306.628	-0.33	Midgut	X:-:12545176-12545144;X:-:12545176-12545144	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_106735	SHPTLVLVQPAFDAQYER	AGAP000699-PA,AGAP000699-PB	-	126	3.18E-12	1	2071.056	-2.1	Midgut	X:-:12544981-12544928;X:-:12544981-12544928	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_110062	LLESSAPGSAEVWDQPVTAVDCGEEVAR	AGAP000699-PA,AGAP000699-PB	C22(Carbamidomethyl)	54	6.07E-05	1	2972.399	1.44	Malpighian tubule	X:-:12544876-12544793;X:-:12544876-12544793	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_110445	IFMVVK	AGAP000699-PA,AGAP000699-PB	-	33	0.001607496	2	736.443	0.79	Malpighian tubule	X:-:12545029-12545012;X:-:12545029-12545012	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_110865	LVYYPLDRPTRPVR	AGAP000699-PA,AGAP000699-PB	-	33	0.001942625	1	1744.990	2.51	Larva	X:-:12544750-12544709;X:-:12544750-12544709	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_110875	FLLSEDFGLR	AGAP000699-PA,AGAP000699-PB	-	52	6.85E-05	2	1196.632	0.99	Midgut	X:-:12544780-12544751;X:-:12544780-12544751	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_112113	GPSAFEEDDWKWIR	AGAP000699-PA,AGAP000699-PB	-	113	7.14E-11	1	1735.813	3.37	Malpighian tubule	X:-:12544546-12544505;X:-:12544546-12544505	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_112408	LDKPVPALQFR	AGAP000699-PA,AGAP000699-PB	-	46	0.000161494	1	1283.750	2.2	Malpighian tubule	X:-:12544597-12544565;X:-:12544597-12544565	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_117090	FLLSEDFGLR	AGAP000699-PA,AGAP000699-PB	-	37	0.002248212	2	1196.633	1.71	Malpighian tubule	X:-:12544780-12544751;X:-:12544780-12544751	exon=> In CDS Exon 2 of transcript AGAP000699-PA;exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_117288	CLFTNVDPETGVSSPEQEPLTTLRK	AGAP000699-PA,AGAP000699-PB	C1(Carbamidomethyl)	39	0.001845933	1	2818.393	0.06	Midgut	X:-:12543098-12543024;X:-:12543098-12543024	exon=> In CDS Exon 3 of transcript AGAP000699-PA;exon=> In CDS Exon 3 of transcript AGAP000699-PB
JHU_Ag_54391	LLNDGAGGKPTAGQLLAVAAGVGVATALGYGVYR	AGAP000699-PB	-	52	1.59E-05	1	3200.744	0.26	Midgut	X:-:12545293-12545192	exon=> In CDS Exon 2 of transcript AGAP000699-PB
JHU_Ag_27196	AFLFLQDINER	AGAP000700-PC	-	84	5.05E-08	1	1365.720	2.62	Malpighian tubule	X:+:12555154-12555186	exon=> In CDS Exon 2 of transcript AGAP000700-PC
JHU_Ag_42866	YADCIGNFTEVTEQIIPK	AGAP000700-PC	C4(Carbamidomethyl)	78	2.65E-07	2	2098.024	3.81	Malpighian tubule	X:+:12550394-12550447	exon=> In CDS Exon 1 of transcript AGAP000700-PC
JHU_Ag_45802	AFLFLQDINER	AGAP000700-PC	-	50	0.000120008	1	1365.718	1.46	Visceras	X:+:12555154-12555186	exon=> In CDS Exon 2 of transcript AGAP000700-PC
JHU_Ag_57946	AFLFLQDINER	AGAP000700-PC	-	87	2.36E-08	2	1365.721	3.25	Head	X:+:12555154-12555186	exon=> In CDS Exon 2 of transcript AGAP000700-PC
JHU_Ag_58481	AFLFLQDINER	AGAP000700-PC	-	74	4.79E-07	2	1365.718	1.01	Male reproductive organs	X:+:12555154-12555186	exon=> In CDS Exon 2 of transcript AGAP000700-PC

JHU_Ag_75232	QFNEGQEQDAISR	AGAP000700-PC	-	93	5.54E-09	1	1521.695	1.14	Malpighian tubule	X:+:12555277-12555315	exon=> In CDS Exon 2 of transcript AGAP000700-PC
JHU_Ag_76513	AFLFLQDINER	AGAP000700-PC	-	85	4.23E-08	2	1365.717	0.66	Midgut	X:+:12555154-12555186	exon=> In CDS Exon 2 of transcript AGAP000700-PC
JHU_Ag_82474	LELLVNQTENLR	AGAP000700-PC	-	81	4.37E-08	2	1441.802	0.66	Male reproductive organs	X:+:12555391-12555426	exon=> In CDS Exon 2 of transcript AGAP000700-PC
JHU_Ag_84262	LELLVNQTENLR	AGAP000700-PC	-	67	1.25E-06	2	1441.799	-1.12	Head	X:+:12555391-12555426	exon=> In CDS Exon 2 of transcript AGAP000700-PC
JHU_Ag_97821	YADCIGNFTEVTEQIIPK	AGAP000700-PC	C4(Carbamidomethyl)	75	4.54E-07	1	2098.020	1.84	Head	X:+:12550394-12550447	exon=> In CDS Exon 1 of transcript AGAP000700-PC
JHU_Ag_111368	GPHNIFECR	AGAP000702-PA	C8(Carbamidomethyl)	32	0.004824518	2	1129.514	-5.61	Head	X:+:12568935-12568961	exon=> In CDS Exon 8 of transcript AGAP000702-PA
JHU_Ag_7555	GPEPEDSVILENIR	AGAP000703-PA	-	129	1.86E-12	1	1567.802	3.35	Head	X:+:12608511-12608552	exon=> In CDS Exon 7 of transcript AGAP000703-PA
JHU_Ag_13221	AVVMAQQAR	AGAP000703-PA	-	55	5.84E-05	2	973.524	-1.06	Head	X:+:12609479-12609505	exon=> In CDS Exon 8 of transcript AGAP000703-PA
JHU_Ag_19891	VTLPLCIFHR	AGAP000703-PA	C6(Carbamidomethyl)	77	1.50E-07	1	1255.700	1.77	Head	X:+:12610291-12610320	exon=> In CDS Exon 10 of transcript AGAP000703-PA
JHU_Ag_20765	FTNEEDLEHR	AGAP000703-PA	-	76	2.00E-07	1	1289.577	1.33	Head	X:+:12609425-12609454	exon=> In CDS Exon 8 of transcript AGAP000703-PA
JHU_Ag_39285	CEEQSNLNDILLR	AGAP000703-PA	C1(Carbamidomethyl)	96	2.94E-09	2	1603.775	0.12	Head	X:+:12609796-12609834	exon=> In CDS Exon 9 of transcript AGAP000703-PA
JHU_Ag_43991	TLVLESLK	AGAP000703-PA	-	51	2.20E-05	2	902.556	0.36	Head	X:+:12608460-12608483	exon=> In CDS Exon 7 of transcript AGAP000703-PA
JHU_Ag_45507	RGPEPEDSVILENIR	AGAP000703-PA	-	83	6.10E-08	1	1723.894	-1.94	Head	X:+:12608508-12608552	exon=> In CDS Exon 7 of transcript AGAP000703-PA
JHU_Ag_49205	FHSAVTLAEVWK	AGAP000703-PA	-	57	3.14E-05	1	1387.740	2.16	Head	X:+:12610321-12610356	exon=> In CDS Exon 10 of transcript AGAP000703-PA
JHU_Ag_51715	GPEPEDSVILENIR	AGAP000703-PA	-	79	1.59E-07	2	1567.803	4.13	Visceras	X:+:12608511-12608552	exon=> In CDS Exon 7 of transcript AGAP000703-PA
JHU_Ag_65844	VATVDVESNDNMATLPVSR	AGAP000703-PA	M12(Oxidation)	122	1.18E-11	1	2033.987	2.86	Head	X:+:12597206-12597262	exon=> In CDS Exon 1 of transcript AGAP000703-PA
JHU_Ag_80831	VHLPEHDR	AGAP000703-PA	-	45	0.000534117	2	1002.507	-4.76	Head	X:+:12610000-12610023	exon=> In CDS Exon 9 of transcript AGAP000703-PA
JHU_Ag_81393	NADVEAGK	AGAP000703-PA	-	33	0.008438589	2	803.389	0.04	Head	X:+:12599422-12599445	exon=> In CDS Exon 4 of transcript AGAP000703-PA
JHU_Ag_87624	RAVVMAQQAR	AGAP000703-PA	-	65	4.55E-06	1	1129.626	0.4	Head	X:+:12609476-12609505	exon=> In CDS Exon 8 of transcript AGAP000703-PA
JHU_Ag_105503	TTQDPAHGSFFLR	AGAP000703-PA	-	50	0.000171722	2	1476.725	1.08	Head	X:+:12607966-12608004	exon=> In CDS Exon 5 of transcript AGAP000703-PA
JHU_Ag_110070	RGPEPEDSVILENIR	AGAP000703-PA	-	53	5.28E-05	2	1723.904	3.87	Ovary	X:+:12608508-12608552	exon=> In CDS Exon 7 of transcript AGAP000703-PA
JHU_Ag_42764	YSYSVIEFEGTKK	AGAP000704-PA	-	62	9.54E-06	1	1550.775	0.54	Midgut	X:-:12622494-12623166,12622062-12622197	exon=> In CDS Exon 4 and 3 of transcript AGAP000704-PA
JHU_Ag_106472	AAIISQAMPDTVDGAEIPK	AGAP000704-PA	N-Term(Acetyl), M8(Oxidation)	83	7.80E-08	2	1984.989	-0.45	Midgut	X:-:12623581-12623525	exon=> In CDS Exon 1 of transcript AGAP000704-PA
JHU_Ag_1625	LVAAICAAPTVLAAHGK	AGAP000705-PA	C6(Carbamidomethyl)	60	2.24E-06	1	1662.940	2.29	Malpighian tubule	X:-:12629670-12629620	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_7730	LQADGYRWEEPAAGGLGR	AGAP000705-PA	-	86	4.97E-08	1	1945.953	0.8	Male reproductive organs	X:-:12629571-12629518	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_7773	VAAGLLYK	AGAP000705-PA	-	34	0.001756294	1	834.508	-0.34	Midgut	X:-:12629412-12629389	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_18019	ALALIAR	AGAP000705-PA	-	47	3.80E-05	2	727.482	-0.17	Ovary	X:-:12630073-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA

JHU_Ag_19262	LVAAICAAPTVLAAHGK	AGAP000705-PA	C6(Carbamidomethyl)	64	1.17E-06	1	1662.935	-0.36	Ovary	X:-:12629670-12629620	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_20381	ADTTLQAYVEQQAATDDGLPDAIILPGGLEGAK	AGAP000705-PA	-	140	1.21E-13	1	3341.681	1.83	Ovary	X:-:12629829-12629731	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_23948	AMAQAPAVGALLER	AGAP000705-PA	M2(Oxidation)	70	1.15E-06	2	1413.754	1.15	Visceras	X:-:12629730-12629689	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_25190	RALALIAR	AGAP000705-PA	-	38	0.000288904	2	883.585	1.26	Malpighian tubule	X:-:12630076-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_28061	AMAQAPAVGALLER	AGAP000705-PA	M2(Oxidation)	135	3.42E-13	1	1413.752	-0.23	Ovary	X:-:12629730-12629689	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_36553	VAAGLLYK	AGAP000705-PA	-	35	0.001141819	1	834.509	1.03	Ovary	X:-:12629412-12629389	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_42195	AMAQAPAVGALLER	AGAP000705-PA	M2(Oxidation)	90	1.16E-08	2	1413.751	-0.57	Head	X:-:12629730-12629689	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_42923	AMAQAPAVGALLER	AGAP000705-PA	M2(Oxidation)	84	4.28E-08	2	1413.755	2.28	Midgut	X:-:12629730-12629689	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_46063	ALALIAR	AGAP000705-PA	-	29	0.003414788	1	727.482	-1.07	Head	X:-:12630073-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_51763	RALALIAR	AGAP000705-PA	-	27	0.002840087	2	883.584	0.02	Visceras	X:-:12630076-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_56125	LQADGYRWEEPAAGGLGR	AGAP000705-PA	-	93	9.10E-09	1	1945.959	3.62	Malpighian tubule	X:-:12629571-12629518	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_56961	ALALIAR	AGAP000705-PA	-	40	0.000297416	2	727.482	-0.84	Male reproductive organs	X:-:12630073-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_57683	AMAQAPAVGALLER	AGAP000705-PA	M2(Oxidation)	82	6.72E-08	2	1413.753	0.72	Salivary gland	X:-:12629730-12629689	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_63278	ALALIAR	AGAP000705-PA	-	33	0.001778894	2	727.484	1.43	Malpighian tubule	X:-:12630073-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_71321	LVAAICAAPTVLAAHGK	AGAP000705-PA	C6(Carbamidomethyl)	76	7.84E-08	1	1662.937	0.38	Midgut	X:-:12629670-12629620	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_75927	LVAAICAAPTVLAAHGK	AGAP000705-PA	C6(Carbamidomethyl)	65	1.10E-06	1	1662.935	-0.36	Male reproductive organs	X:-:12629670-12629620	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_78266	ALALIAR	AGAP000705-PA	-	47	6.52E-05	2	727.483	0.75	Visceras	X:-:12630073-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_83476	AMAQAPAVGALLER	AGAP000705-PA	M2(Oxidation)	123	4.57E-12	1	1413.756	2.88	Malpighian tubule	X:-:12629730-12629689	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_84493	GSEEMELVITVDVLRR	AGAP000705-PA	M5(Oxidation)	51	0.000104078	1	1861.977	4.43	Malpighian tubule	X:-:12630052-12630005	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_86759	ALALIAR	AGAP000705-PA	-	31	0.002052881	1	727.482	-0.74	Midgut	X:-:12630073-12630053	exon=> In CDS Exon 1 of transcript AGAP000705-PA
JHU_Ag_87609	LQADGYRWEEPAAGGLGR	AGAP000705-PA	-	74	6.76E-07	1	1945.956	2.4	Visceras	X:-:12629571-12629518	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_99161	AMAQAPAVGALLER	AGAP000705-PA	M2(Oxidation)	99	1.41E-09	2	1413.753	0.89	Male reproductive organs	X:-:12629730-12629689	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_101758	LQADGYRWEEPAAGGLGR	AGAP000705-PA	-	49	0.000250871	1	1945.953	0.71	Ovary	X:-:12629571-12629518	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_102808	LVAAICAAPTVLAAHGK	AGAP000705-PA	C6(Carbamidomethyl)	82	1.48E-08	1	1662.940	2.21	Visceras	X:-:12629670-12629620	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_104664	VVRDENLITSLGPATTFDFGLAIGAALVGQEVADK	AGAP000705-PA	-	162	2.68E-16	1	3587.899	0.78	Ovary	X:-:12629517-12629413	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_106328	LVAAICAAPTVLAAHGK	AGAP000705-PA	C6(Carbamidomethyl)	61	2.21E-06	2	1662.939	1.99	Head	X:-:12629670-12629620	exon=> In CDS Exon 2 of transcript AGAP000705-PA
JHU_Ag_112119	VAAGLLYK	AGAP000705-PA	-	33	0.001881902	1	834.511	2.66	Malpighian tubule	X:-:12629412-12629389	exon=> In CDS Exon 2 of transcript AGAP000705-PA

JHU_Ag_2490	LAEHGIQVQTIADVAPIEVQPAR	AGAP000708-PA,AGAP000708-PB	-	56	1.08E-05	1	2455.338	3.26	Head	X:+:12683940-12684008;X:+:12683940-12684008	exon=> In CDS Exon 3 of transcript AGAP000708-PA;exon=> In CDS Exon 3 of transcript AGAP000708-PB
JHU_Ag_6185	TSQNPLDSLHAK	AGAP000708-PA,AGAP000708-PB	-	33	0.007308894	1	1310.671	0.85	Head	X:+:12682778-12682813;X:+:12682778-12682813	exon=> In CDS Exon 2 of transcript AGAP000708-PA;exon=> In CDS Exon 2 of transcript AGAP000708-PB
JHU_Ag_9761	VLSHLYTYLGR	AGAP000708-PA,AGAP000708-PB	-	53	4.12E-05	1	1321.729	2.07	Malpighian tubule	X:+:12684009-12684041;X:+:12684009-12684041	exon=> In CDS Exon 3 of transcript AGAP000708-PA;exon=> In CDS Exon 3 of transcript AGAP000708-PB
JHU_Ag_13889	LNPAVQAYLDEHLLR	AGAP000708-PA,AGAP000708-PB	-	36	0.001567622	2	1751.950	3.31	Head	X:+:12690975-12691019;X:+:12690975-12691019	exon=> In CDS Exon 6 of transcript AGAP000708-PA;exon=> In CDS Exon 6 of transcript AGAP000708-PB
JHU_Ag_25141	SINVDSETLGMEGNVTER	AGAP000708-PA,AGAP000708-PB	M11(Oxidation)	83	7.11E-08	2	1966.911	4.5	Malpighian tubule	X:+:12691125-12691140,12691223-12691260;X:+:12691125-12691140,12691223-12691260	exon=> In CDS Exon 6 and 7 of transcript AGAP000708-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP000708-PB
JHU_Ag_29250	AVASVLELPK	AGAP000708-PA,AGAP000708-PB	-	48	5.76E-05	2	1026.621	1.67	Ovary	X:+:12697754-12697783;X:+:12697754-12697783	exon=> In CDS Exon 10 of transcript AGAP000708-PA;exon=> In CDS Exon 10 of transcript AGAP000708-PB
JHU_Ag_29909	AVTDLLVR	AGAP000708-PA,AGAP000708-PB	-	40	0.001282598	2	886.537	0.96	Visceras	X:+:12696667-12696690;X:+:12696667-12696690	exon=> In CDS Exon 9 of transcript AGAP000708-PA;exon=> In CDS Exon 9 of transcript AGAP000708-PB
JHU_Ag_33896	AVASVLELPK	AGAP000708-PA,AGAP000708-PB	-	52	2.31E-05	2	1026.621	1.55	Salivary gland	X:+:12697754-12697783;X:+:12697754-12697783	exon=> In CDS Exon 10 of transcript AGAP000708-PA;exon=> In CDS Exon 10 of transcript AGAP000708-PB
JHU_Ag_35424	AVAAEYQAPGSQQR	AGAP000708-PA,AGAP000708-PB	-	34	0.005276584	2	1475.726	1.17	Head	X:+:12683603-12683644;X:+:12683603-12683644	exon=> In CDS Exon 2 of transcript AGAP000708-PA;exon=> In CDS Exon 2 of transcript AGAP000708-PB
JHU_Ag_53715	IHIQPLPR	AGAP000708-PA,AGAP000708-PB	-	30	0.004083646	1	973.596	2.28	Malpighian tubule	X:+:12691593-12691616;X:+:12691593-12691616	exon=> In CDS Exon 8 of transcript AGAP000708-PA;exon=> In CDS Exon 8 of transcript AGAP000708-PB
JHU_Ag_58620	LLQEGFLAVGELDPLNR	AGAP000708-PA,AGAP000708-PB	-	60	7.76E-06	1	1884.027	2.2	Head	X:+:12683702-12683713,12683823-12683861;X:+:12683702-12683713,12683823-12683861	exon=> In CDS Exon 2 and 3 of transcript AGAP000708-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000708-PB
JHU_Ag_58959	LLQEGFLAVGELDPLNRR	AGAP000708-PA,AGAP000708-PB	-	63	2.66E-06	1	2040.131	3.59	Visceras	X:+:12683702-12683713,12683823-12683864;X:+:12683702-12683713,12683823-12683864	exon=> In CDS Exon 2 and 3 of transcript AGAP000708-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000708-PB
JHU_Ag_64347	ANQLFLEDQR	AGAP000708-PA,AGAP000708-PB	-	38	0.002893858	2	1233.623	0.76	Visceras	X:+:12697562-12697591;X:+:12697562-12697591	exon=> In CDS Exon 10 of transcript AGAP000708-PA;exon=> In CDS Exon 10 of transcript AGAP000708-PB
JHU_Ag_78988	LAEHGIQVQTIADVAPIEVQPAR	AGAP000708-PA,AGAP000708-PB	-	37	0.000871904	3	2455.338	3.26	Visceras	X:+:12683940-12684008;X:+:12683940-12684008	exon=> In CDS Exon 3 of transcript AGAP000708-PA;exon=> In CDS Exon 3 of transcript AGAP000708-PB

JHU_Ag_80298	AVAAEYQAPGSQQR	AGAP000708-PA,AGAP000708-PB	-	76	4.28E-07	2	1475.728	2.82	Malpighian tubule	X:+:12683603-12683644;X:+:12683603-12683644	exon=> In CDS Exon 2 of transcript AGAP000708-PA;exon=> In CDS Exon 2 of transcript AGAP000708-PB
JHU_Ag_84469	VLSHLYTYLGR	AGAP000708-PA,AGAP000708-PB	-	72	5.81E-07	1	1321.727	0.77	Head	X:+:12684009-12684041;X:+:12684009-12684041	exon=> In CDS Exon 3 of transcript AGAP000708-PA;exon=> In CDS Exon 3 of transcript AGAP000708-PB
JHU_Ag_94700	CPFLWGQSLYILGK	AGAP000708-PA,AGAP000708-PB	C1(Carbamidomethyl)	52	6.87E-05	2	1681.880	1.67	Visceras	X:+:12683660-12683701;X:+:12683660-12683701	exon=> In CDS Exon 2 of transcript AGAP000708-PA;exon=> In CDS Exon 2 of transcript AGAP000708-PB
JHU_Ag_1744	IVFHSGNEPYIIEVVAR	AGAP000711-PA	-	59	1.09E-05	1	1943.041	1.45	Ovary	X:-:12705911-12706040,12705472-12705747	exon=> In CDS Exon 2 and 1 of transcript AGAP000711-PA
JHU_Ag_17495	TVAPSVDLLDQLK	AGAP000711-PA	-	73	4.09E-07	2	1398.786	1.16	Ovary	X:-:12700569-12700531	exon=> In CDS Exon 5 of transcript AGAP000711-PA
JHU_Ag_21814	AALSADLAELYRYVR	AGAP000711-PA	-	32	0.004819102	1	1710.923	3.27	Malpighian tubule	X:-:12700614-12700570	exon=> In CDS Exon 5 of transcript AGAP000711-PA
JHU_Ag_22494	LFACGLFTPVEFMR	AGAP000711-PA	C4(Carbamidomethyl), M13(Oxidation)	71	1.37E-06	1	1703.828	-0.4	Ovary	X:-:12704095-12704054	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_31923	VLDVAECLDTIEQHCR	AGAP000711-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	44	0.0004276	1	1957.912	0.55	Ovary	X:-:12704680-12704633	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_32448	TSLNPFSDEKDILSHLLMVFPR	AGAP000711-PA	M18(Oxidation)	98	1.33E-09	1	2575.332	3.62	Ovary	X:-:12703437-12703637,12700363-12700897	exon=> In CDS Exon 5 and 4 of transcript AGAP000711-PA
JHU_Ag_34434	GIDEACQNAIR	AGAP000711-PA	C6(Carbamidomethyl)	60	1.20E-05	2	1246.586	1.27	Ovary	X:-:12700704-12700672	exon=> In CDS Exon 5 of transcript AGAP000711-PA
JHU_Ag_60330	YERPDLVPSIVQLVNR	AGAP000711-PA	-	76	1.33E-07	1	1898.047	-1.17	Ovary	X:-:12704404-12704357	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_68244	HVHKPSPAEYSPASDATLLK	AGAP000711-PA	-	91	9.36E-09	1	2148.116	3.53	Ovary	X:-:12705088-12705029	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_72364	LYDYVVEMLR	AGAP000711-PA	-	46	0.000293951	2	1300.663	1.45	Ovary	X:-:12705301-12705272	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_81043	AVDGLPASEFER	AGAP000711-PA	-	52	0.000110284	2	1290.633	0.44	Ovary	X:-:12704485-12704450	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_83432	LLADILYMR	AGAP000711-PA	-	73	2.78E-07	2	1107.624	0.85	Ovary	X:-:12703867-12703841	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_84877	LQLILNNTNQFVR	AGAP000711-PA	-	56	1.09E-05	2	1572.886	0.13	Ovary	X:-:12705962-12705924	exon=> In CDS Exon 1 of transcript AGAP000711-PA
JHU_Ag_86222	AALSADLAELYR	AGAP000711-PA	-	63	6.26E-06	1	1292.687	1.66	Ovary	X:-:12700614-12700579	exon=> In CDS Exon 5 of transcript AGAP000711-PA
JHU_Ag_90949	ALYAGGTGTSQER	AGAP000711-PA	-	79	1.97E-07	1	1310.635	0.76	Ovary	X:-:12704272-12704234	exon=> In CDS Exon 3 of transcript AGAP000711-PA
JHU_Ag_91442	LAEAVVAIIAQHK	AGAP000711-PA	-	55	6.01E-06	1	1362.810	-0.16	Ovary	X:-:12704233-12704195	exon=> In CDS Exon 3 of transcript AGAP000711-PA

JHU_Ag_109216	LQLILNNTNQFVR	AGAP000711-PA	Q2(Deamidated), N7(Deamidated), N9(Deamidated),"Q2(Deamidated), N7(Deamidated), Q10(Deamidated)","Q2(Deamidated), N9(Deamidated), Q10(Deamidated)","Q2(Deamidated), N6(Deamidated), N9(Deamidated)","Q2(Deamidated), N6(Deamidated), N7(Deamidated)","Q2(Deamidated), N6(Deamidated), Q10(Deamidated)"	38	0.002618733	1	1575.817	-13.3	Midgut	X:-:12705962-12705924	exon=> In CDS Exon 1 of transcript AGAP000711-PA
JHU_Ag_4141	LCDFGIAR	AGAP000713-PA	C2(Carbamidomethyl)	63	5.75E-06	1	951.472	0.33	Visceras	X:+:12740778-12740801	exon=> In CDS Exon 4 of transcript AGAP000713-PA
JHU_Ag_79985	VQLVTAHQFRTAIVR	AGAP000714-PA	Q8(Deamidated)	27	0.004671138	1	1740.015	13.24	Malpighian tubule	X:-:12758488-12758444	exon=> In CDS Exon 1 of transcript AGAP000714-PA
JHU_Ag_29284	ILLELYGFR	AGAP000717-PA	-	44	0.000168499	2	1123.651	-0.11	Midgut	X:-:13045553-13045527	exon=> In CDS Exon 3 of transcript AGAP000717-PA
JHU_Ag_77194	SIEPSFGLLFGDLLK	AGAP000717-PA	-	99	9.60E-10	1	1635.901	1.21	Midgut	X:-:13046034-13045990	exon=> In CDS Exon 2 of transcript AGAP000717-PA
JHU_Ag_1107	VADISLAEFGRK	AGAP000719-PA	-	84	4.02E-08	1	1305.718	1.71	Malpighian tubule	X:-:13073273-13073294,13072659-13072818	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_2065	GLSEETTTGVHNLYK	AGAP000719-PA	-	99	2.24E-09	1	1648.815	-1.52	Midgut	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_2435	VADISLAEFGR	AGAP000719-PA	-	70	1.41E-06	2	1177.619	-1.53	Midgut	X:-:13073273-13073294,13072659-13072821	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_3926	QTLIFPDGKPLNMILDDGGDLTNLVHAEHPELLK	AGAP000719-PA	M13(Oxidation)	141	3.96E-14	1	3769.947	-0.03	Malpighian tubule	X:-:13068643-13068542	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_4449	KLDEEVAALHLDK	AGAP000719-PA	-	106	2.10E-10	1	1480.801	0.04	Pupa	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_5217	KLDEEVAALHLDK	AGAP000719-PA	-	67	1.43E-06	2	1480.802	0.86	Visceras	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_9237	QTLIFPDGKPLNMILDDGGDLTNLVHAEHPELLK	AGAP000719-PA	M13(Oxidation)	155	1.63E-15	1	3769.949	0.62	Ovary	X:-:13068643-13068542	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_12888	GETDEEYMWCIR	AGAP000719-PA	M8(Oxidation), C10(Carbamidomethyl)	34	0.000500419	2	1604.640	2.91	Ovary	X:-:13068679-13068644	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_14585	EQYAIGVHVLPK	AGAP000719-PA	-	92	4.40E-09	1	1353.759	4.46	Larva	X:-:13067857-13067822	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_17148	SKFDNLYGCR	AGAP000719-PA	C9(Carbamidomethyl)	64	3.96E-06	1	1259.582	-1.44	Ovary	X:-:13068427-13068398	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_18071	KLDEEVAALHLDK	AGAP000719-PA	-	106	1.92E-10	1	1480.804	2.45	Ovary	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_19092	VADISLAEFGR	AGAP000719-PA	-	98	2.25E-09	2	1177.622	0.55	Salivary gland	X:-:13073273-13073294,13072659-13072821	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_24418	LANGNHIILLAEGR	AGAP000719-PA	N5(Deamidated),N3(Deamidated)	74	3.14E-07	1	1491.829	0.5	Larva	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA

JHU_Ag_26103	EQYAIGVHVLPK	AGAP000719-PA	-	84	2.68E-08	1	1353.753	0.22	Ovary	X:-:13067857-13067822	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_27460	GLSEETTTGVHNLYK	AGAP000719-PA	-	95	6.01E-09	2	1648.819	0.48	Visceras	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_27521	QAEYLNLPAEGPYKPEHYR	AGAP000719-PA	-	63	8.55E-06	1	2275.115	0.52	Head	X:-:13067749-13067693	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_29365	LANGNHIILLAEGR	AGAP000719-PA	-	38	0.000787223	2	1490.844	0.28	Male reproductive organs	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_32299	EQYAIGVHVLPK	AGAP000719-PA	-	69	9.38E-07	2	1353.753	0.67	Head	X:-:13067857-13067822	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_35054	LANGNHIILLAEGR	AGAP000719-PA	-	104	1.89E-10	1	1490.848	2.74	Malpighian tubule	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_36831	KLDEEVAALHLDK	AGAP000719-PA	-	71	7.21E-07	1	1480.801	0.36	Larva	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_38704	GLSEETTTGVHNLYK	AGAP000719-PA	-	78	2.65E-07	1	1648.828	6.03	Male reproductive organs	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_39638	EQYAIGVHVLPK	AGAP000719-PA	-	37	0.001154358	2	1353.753	0.22	Visceras	X:-:13067857-13067822	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_40301	VNIKPQVDR	AGAP000719-PA	-	53	2.52E-05	1	1068.616	0.31	Pupa	X:-:13068031-13068005	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_40504	VCVVAGYGDVGKGCAQALR	AGAP000719-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	69	1.96E-06	1	1979.983	2.14	Ovary	X:-:13068343-13068287	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_43012	VCVVAGYGDVGK	AGAP000719-PA	C2(Carbamidomethyl)	45	0.000495272	2	1223.609	0.09	Midgut	X:-:13068343-13068308	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_43210	LGMPAINVNDSVTK	AGAP000719-PA	M3(Oxidation)	95	4.57E-09	1	1474.757	-0.3	Ovary	X:-:13068469-13068428	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_46551	GLSEETTTGVHNLYK	AGAP000719-PA	-	81	1.29E-07	1	1648.825	4.62	Larva	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_49253	KLDEEVAALHLDK	AGAP000719-PA	-	82	5.39E-08	1	1480.801	-0.08	Salivary gland	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_50116	ATDVMIAGK	AGAP000719-PA	-	47	0.000328436	2	905.475	-1.3	Malpighian tubule	X:-:13068370-13068344	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_51052	VLITEIDPINALQAAMEGYEVTTMEEASK	AGAP000719-PA	M16(Oxidation), M24(Oxidation)	199	1.70E-19	1	3198.538	-1.59	Ovary	X:-:13068271-13068185	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_51447	LANGNHIILLAEGR	AGAP000719-PA	N5(Deamidated),N3(Deamidated)	74	3.29E-07	1	1491.826	-1.28	Pupa	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_52992	ESLLDGIKR	AGAP000719-PA	-	48	0.000194534	1	1030.590	0.56	Malpighian tubule	X:-:13068397-13068371	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_53484	QAEYLNLPAEGPYKPEHYR	AGAP000719-PA	-	67	3.34E-06	1	2275.116	0.6	Visceras	X:-:13067749-13067693	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_57175	VNIKPQVDR	AGAP000719-PA	-	44	0.000194094	1	1068.618	2	Ovary	X:-:13068031-13068005	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_58725	LANGNHIILLAEGR	AGAP000719-PA	N5(Deamidated),N3(Deamidated)	99	7.33E-10	1	1490.843	-0.86	Ovary	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_58908	VADISLAEFGR	AGAP000719-PA	-	64	5.52E-06	2	1177.625	3.45	Larva	X:-:13073273-13073294,13072659-13072821	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_60703	VCVVAGYGDVGKGCAQALR	AGAP000719-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	39	0.002084562	3	1979.982	1.67	Malpighian tubule	X:-:13068343-13068287	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_62329	LGMPAINVNDSVTK	AGAP000719-PA	M3(Oxidation)	112	9.67E-11	1	1474.758	0.52	Malpighian tubule	X:-:13068469-13068428	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_64213	GLSEETTTGVHNLYK	AGAP000719-PA	-	78	2.68E-07	1	1648.822	2.33	Salivary gland	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_64958	KLDEEVAALHLDK	AGAP000719-PA	-	94	3.51E-09	1	1480.801	0.11	Midgut	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA

JHU_Ag_67645	QTLIFPDGKPLNMILDDGGDLTNLVHAEHPELLK	AGAP000719-PA	-	81	4.00E-08	1	3753.968	4.12	Visceras	X:-:13068643-13068542	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_67727	QTLIFPDGKPLNMILDDGGDLTNLVHAEHPELLK	AGAP000719-PA	M13(Oxidation)	96	1.32E-09	1	3769.961	3.62	Larva	X:-:13068643-13068542	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_68059	KLDEEVAALHLDK	AGAP000719-PA	-	98	1.26E-09	2	1480.802	0.86	Head	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_69517	SKFDNLYGCR	AGAP000719-PA	C9(Carbamidomethyl)	76	2.87E-07	1	1259.583	-0.28	Visceras	X:-:13068427-13068398	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_71232	GLSEETTTGVHNLYK	AGAP000719-PA	-	116	4.89E-11	1	1648.821	1.74	Ovary	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_75068	ESLLDGIKR	AGAP000719-PA	-	47	0.000202897	1	1030.592	2.81	Ovary	X:-:13068397-13068371	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_76046	EIVLAENEMPGLMACR	AGAP000719-PA	M9(Oxidation), M13(Oxidation), C15(Carbamidomethyl)	78	2.31E-07	2	1864.865	2.68	Malpighian tubule	X:-:13072817-13072770	exon=> In CDS Exon 2 of transcript AGAP000719-PA
JHU_Ag_76501	GLSEETTTGVHNLYK	AGAP000719-PA	-	101	1.24E-09	1	1648.818	0.18	Pupa	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_79199	EIVLAENEMPGLMACR	AGAP000719-PA	M9(Oxidation), M13(Oxidation), C15(Carbamidomethyl)	96	3.29E-09	1	1864.865	2.42	Ovary	X:-:13072817-13072770	exon=> In CDS Exon 2 of transcript AGAP000719-PA
JHU_Ag_79247	VADISLAEFGR	AGAP000719-PA	-	65	5.03E-06	2	1177.622	0.55	Malpighian tubule	X:-:13073273-13073294,13072659-13072821	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_79951	EQYAIGVHVLPK	AGAP000719-PA	-	67	1.36E-06	2	1353.754	0.76	Pupa	X:-:13067857-13067822	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_80358	GLSEETTTGVHNLYK	AGAP000719-PA	-	111	1.40E-10	1	1648.820	1.07	Head	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_83606	SKFDNLYGCR	AGAP000719-PA	C9(Carbamidomethyl)	64	3.89E-06	1	1259.583	-0.57	Male reproductive organs	X:-:13068427-13068398	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_84475	LANGNHIILLAEGR	AGAP000719-PA	-	114	1.85E-11	1	1490.844	0.28	Head	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_87120	VADISLAEFGR	AGAP000719-PA	-	100	1.42E-09	2	1177.621	-0.49	Pupa	X:-:13073273-13073294,13072659-13072821	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_89337	VNIKPQVDR	AGAP000719-PA	-	53	2.44E-05	1	1068.615	-0.98	Malpighian tubule	X:-:13068031-13068005	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_89957	KLDEEVAALHLDK	AGAP000719-PA	-	115	2.12E-11	1	1480.804	2.42	Malpighian tubule	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_90820	VADISLAEFGRK	AGAP000719-PA	-	46	0.000291912	1	1305.714	-1.41	Male reproductive organs	X:-:13073273-13073294,13072659-13072818	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_93055	KLDEEVAALHLDK	AGAP000719-PA	-	94	2.89E-09	1	1480.802	1.1	Male reproductive organs	X:-:13067821-13067783	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_94404	LANGNHIILLAEGR	AGAP000719-PA	-	57	1.09E-05	1	1490.840	-2.58	Midgut	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_94642	VADISLAEFGRK	AGAP000719-PA	-	84	4.25E-08	1	1305.721	3.3	Ovary	X:-:13073273-13073294,13072659-13072818	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_94729	SKFDNLYGCR	AGAP000719-PA	C9(Carbamidomethyl)	54	4.35E-05	1	1259.584	0.3	Malpighian tubule	X:-:13068427-13068398	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_96601	VADISLAEFGR	AGAP000719-PA	-	91	1.19E-08	2	1177.622	0.44	Male reproductive organs	X:-:13073273-13073294,13072659-13072821	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_97104	FDNLYGCR	AGAP000719-PA	C7(Carbamidomethyl)	29	0.005414983	2	1044.456	-0.99	Head	X:-:13068421-13068398	exon=> In CDS Exon 3 of transcript AGAP000719-PA

JHU_Ag_97851	VNIKPQVDRYR	AGAP000719-PA	-	33	0.003875268	1	1387.780	-0.15	Malpighian tubule	X:-:13068031-13067999	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_98669	QAEYLNLPAEGPYKPEHYR	AGAP000719-PA	-	55	5.18E-05	1	2275.119	1.97	Malpighian tubule	X:-:13067749-13067693	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_102754	VNIKPQVDR	AGAP000719-PA	-	48	6.95E-05	1	1068.613	-2.61	Head	X:-:13068031-13068005	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_102968	LANGNHIILLAEGR	AGAP000719-PA	N3(Deamidated)	43	0.000250667	2	1490.844	0.28	Visceras	X:-:13067998-13067957	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_106188	VADISLAEFGR	AGAP000719-PA	-	67	2.96E-06	2	1177.625	2.93	Ovary	X:-:13073273-13073294,13072659-13072821	exon=> In CDS Exon 2 and 1 of transcript AGAP000719-PA
JHU_Ag_106276	ESLLDGIKR	AGAP000719-PA	-	35	0.003427645	1	1030.589	-0.03	Pupa	X:-:13068397-13068371	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_107577	VCVVAGYGDVGK	AGAP000719-PA	C2(Carbamidomethyl)	51	0.000119902	2	1223.611	1.49	Malpighian tubule	X:-:13068343-13068308	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_108243	QTLIFPDGKPLNMILDDGGDLTNLVHAEHPELLK	AGAP000719-PA	M13(Oxidation)	92	3.20E-09	1	3769.965	4.75	Midgut	X:-:13068643-13068542	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_111040	VCVVAGYGDVGK	AGAP000719-PA	C2(Carbamidomethyl)	85	5.21E-08	1	1223.612	2.19	Ovary	X:-:13068343-13068308	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_112526	GLSEETTTGVHNLYK	AGAP000719-PA	-	111	1.30E-10	1	1648.820	1.29	Malpighian tubule	X:-:13068532-13068488	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_113249	FDNLYGCR	AGAP000719-PA	C7(Carbamidomethyl)	33	0.002131067	2	1044.457	-0.18	Ovary	X:-:13068421-13068398	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_113410	VNIKPQVDR	AGAP000719-PA	-	41	0.000383717	1	1068.619	2.92	Larva	X:-:13068031-13068005	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_116400	QAEYLNLPAEGPYKPEHYR	AGAP000719-PA	-	89	2.27E-08	1	2275.114	-0.27	Ovary	X:-:13067749-13067693	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_117220	SKFDNLYGCR	AGAP000719-PA	C9(Carbamidomethyl)	63	5.10E-06	1	1259.584	-0.09	Midgut	X:-:13068427-13068398	exon=> In CDS Exon 3 of transcript AGAP000719-PA
JHU_Ag_613	TSDNSLMISK	AGAP000720-PB,AGAP000720-PA	M7(Oxidation)	74	4.60E-07	2	1111.532	1.59	Larva	X:+:13113766-13113795;X:+:13113766-13113795	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_1937	QSSYTVEGLPTFTR	AGAP000720-PB,AGAP000720-PA	-	67	2.88E-06	1	1585.790	2.99	Pupa	X:+:13114360-13114401;X:+:13114360-13114401	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_3232	TIELDTGTYTCLAR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	77	3.54E-07	2	1613.786	1.05	Ovary	X:+:13113796-13113837;X:+:13113796-13113837	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_3456	AIVWNDKIQQDNYGK	AGAP000720-PB,AGAP000720-PA	-	113	7.93E-11	1	1791.909	3.42	Malpighian tubule	X:+:13112902-13112946;X:+:13112902-13112946	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_4157	TIELDTGTYTCLAR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	99	2.08E-09	1	1613.783	-0.32	Salivary gland	X:+:13113796-13113837;X:+:13113796-13113837	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_5814	DVYLNVLALAPEITDPPKR	AGAP000720-PB,AGAP000720-PA	-	92	3.00E-09	1	2124.181	5.28	Larva	X:+:13113310-13113366;X:+:13113310-13113366	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_6524	SLPSGHSDVCTTESSVPYKNPDNLEGEGTTPTNLVIK	AGAP000720-PB,AGAP000720-PA	C10(Carbamidomethyl)	97	2.26E-09	1	3943.911	6.16	Malpighian tubule	X:+:13114135-13114245;X:+:13114135-13114245	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_8131	IVGSSSIYISKLQK	AGAP000720-PB,AGAP000720-PA	-	60	2.17E-06	2	1522.890	3.68	Malpighian tubule	X:+:13113211-13113252;X:+:13113211-13113252	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_8316	YQTMPSGDLFIR	AGAP000720-PB,AGAP000720-PA	M4(Oxidation)	47	0.0002617	2	1443.695	1.12	Ovary	X:+:13113475-13113510;X:+:13113475-13113510	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_8573	VVWQPALGGK	AGAP000720-PB,AGAP000720-PA	-	28	0.006659793	1	1054.607	2.59	Head	X:+:13115258-13115287;X:+:13115258-13115287	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_10141	WRPLAQVDHNAPGLHYR	AGAP000720-PB,AGAP000720-PA	-	46	0.000330575	1	2030.047	0.04	Midgut	X:+:13114246-13114296;X:+:13114246-13114296	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_10278	KPLQPNGK	AGAP000720-PB,AGAP000720-PA	-	43	0.000151408	1	881.521	0.62	Head	X:+:13114861-13114884;X:+:13114861-13114884	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_10298	RIVGSSSIYISK	AGAP000720-PB,AGAP000720-PA	-	38	0.000661382	1	1309.753	4.2	Malpighian tubule	X:+:13113208-13113243;X:+:13113208-13113243	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_10668	SLPSGHSDVCTTESSVPYKNPDNLEGEGTTPTNLVIK	AGAP000720-PB,AGAP000720-PA	C10(Carbamidomethyl)	78	2.16E-07	1	3943.897	2.5	Head	X:+:13114135-13114245;X:+:13114135-13114245	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_12018	ILAYNGR	AGAP000720-PB,AGAP000720-PA	-	37	0.002153358	2	806.454	3.04	Malpighian tubule	X:+:13114723-13114743;X:+:13114723-13114743	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_12572	VVSVDGEYQTESATQEVDTYGIQSSVK	AGAP000720-PB,AGAP000720-PA	-	87	2.83E-08	2	2919.383	3.11	Head	X:+:13115417-13115483,13115566-13115579;X:+:13115417-13115483,13115566-13115579	exon=> In CDS Exon 4 and 5 of transcript AGAP000720-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP000720-PA
JHU_Ag_13685	KAELNSFK	AGAP000720-PB,AGAP000720-PA	-	46	0.000294378	2	936.513	-1.9	Pupa	X:+:13112434-13112457;X:+:13112434-13112457	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_14477	DEDLGQYQCFAENEHGTATSNSVFVR	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	87	1.64E-08	1	2974.291	0.05	Pupa	X:+:13112356-13112433;X:+:13112356-13112433	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_16188	AGEGQDFYIER	AGAP000720-PB,AGAP000720-PA	-	91	8.15E-09	1	1284.590	3.56	Malpighian tubule	X:+:13115047-13115063,13115152-13115167;X:+:13115047-13115063,13115152-13115167	exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PA
JHU_Ag_16941	VVSVDGEYQTESATQEVDTYGIQSSVK	AGAP000720-PB,AGAP000720-PA	-	38	0.002255064	2	2919.377	0.85	Malpighian tubule	X:+:13115417-13115483,13115566-13115579;X:+:13115417-13115483,13115566-13115579	exon=> In CDS Exon 4 and 5 of transcript AGAP000720-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP000720-PA
JHU_Ag_17137	NDYTEEGGFPEYSQPLDNK	AGAP000720-PB,AGAP000720-PA	-	45	0.000205703	2	2202.947	0.36	Salivary gland	X:+:13115733-13115776,13120115-13120127;X:+:13115733-13115776,13120115-13120127	exon=> In CDS Exon 5 and 6 of transcript AGAP000720-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP000720-PA
JHU_Ag_18848	DVKFDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C12(Carbamidomethyl)	55	3.69E-05	1	2340.070	6.1	Malpighian tubule	X:+:13113511-13113573;X:+:13113511-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_19126	VFGAPKPQVK	AGAP000720-PB,AGAP000720-PA	-	41	0.000547139	1	1070.635	-0.32	Head	X:+:13113409-13113438;X:+:13113409-13113438	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_19185	DIPGAEWNSADVRDWR	AGAP000720-PB,AGAP000720-PA	-	50	0.000145707	1	1886.877	-0.32	Head	X:+:13114312-13114359;X:+:13114312-13114359	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_19616	VAQIEWISNGDNR	AGAP000720-PB,AGAP000720-PA	N9(Deamidated),N12(Deamidated)	62	1.04E-05	1	1502.723	-0.51	Midgut	X:+:13113931-13113969;X:+:13113931-13113969	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_19818	DVYLNVLALAPEITDPPKR	AGAP000720-PB,AGAP000720-PA	-	54	2.12E-05	1	2124.181	4.94	Ovary	X:+:13113310-13113366;X:+:13113310-13113366	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_20018	DEDLGQYQCFAENEHGTATSNSVFVR	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	86	1.74E-08	1	2974.288	-1	Visceras	X:+:13112356-13112433;X:+:13112356-12356-13112433	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_20653	VKDESSWQTTDPELYENYLIVHGINPDHLYEFR	AGAP000720-PB,AGAP000720-PA	-	75	3.54E-07	1	4007.924	3.79	Ovary	X:+:13115318-13115416;X:+:13115318-15318-13115416	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_20919	SLPSGHSDVCTTESSVPYK	AGAP000720-PB,AGAP000720-PA	C10(Carbamidomethyl)	84	5.85E-08	1	2050.968	14.09	Ovary	X:+:13114135-13114191;X:+:13114135-14135-13114191	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_21487	ILAYNGR	AGAP000720-PB,AGAP000720-PA	-	34	0.005214538	2	806.452	0.54	Head	X:+:13114723-13114743;X:+:13114723-14723-13114743	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_22391	NPDNLEGEGTTPTNLVIK	AGAP000720-PB,AGAP000720-PA	-	98	2.08E-09	1	1911.975	4.9	Salivary gland	X:+:13114192-13114245;X:+:13114192-14192-13114245	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_22547	EILITADSK	AGAP000720-PB,AGAP000720-PA	-	42	0.000798933	1	989.551	0.05	Salivary gland	X:+:13114648-13114674;X:+:13114648-14648-13114674	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_22901	QPPPDEMLFQVAQQGESDKPFLIECEAEGEPTPK	AGAP000720-PB,AGAP000720-PA	M7(Oxidation), C25(Carbamidomethyl)	50	8.84E-05	1	3857.821	8.36	Head	X:+:13096842-13096942,13112253;X:+:13096842-13096942,13112253-13112253	exon=> In CDS Exon 2 and 3 of transcript AGAP000720-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP000720-PA
JHU_Ag_23353	VLLQVK	AGAP000720-PB,AGAP000720-PA	-	32	0.000847052	1	699.476	-0.97	Pupa	X:+:13112728-13112745;X:+:13112728-12728-13112745	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_23618	VKDESSWQTTDPELYENYLIVHGINPDHLYEFR	AGAP000720-PB,AGAP000720-PA	-	55	3.50E-05	1	4007.919	2.45	Midgut	X:+:13115318-13115416;X:+:13115318-15318-13115416	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_23944	TIELDTGTYTCLAR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	79	2.20E-07	1	1613.786	1.5	Head	X:+:13113796-13113837;X:+:13113796-13796-13113837	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_24052	AGEGQDFYIER	AGAP000720-PB,AGAP000720-PA	-	91	7.45E-09	1	1284.588	1.66	Salivary gland	X:+:13115047-13115063,13115152-13115167;X:+:13115047-13115063,13115152-13115167	exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PA
JHU_Ag_25498	SLPSGHSDVCTTESSVPYKNPDNLEGEGTTPTNLVIK	AGAP000720-PB,AGAP000720-PA	C10(Carbamidomethyl)	54	4.87E-05	1	3943.889	0.59	Salivary gland	X:+:13114135-13114245;X:+:13114135-14135-13114245	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_25550	QALVTDFVPDATNYAR	AGAP000720-PB,AGAP000720-PA	-	40	0.001497604	2	1780.893	3.57	Ovary	X:+:13114675-13114722;X:+:13114675-13114722	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_26065	TVINDPPQDYEAEAGTTVTFR	AGAP000720-PB,AGAP000720-PA	-	59	1.91E-05	2	2324.109	2.25	Salivary gland	X:+:13113607-13113669;X:+:13113607-13113669	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_27190	YQTMPSGDLFIR	AGAP000720-PB,AGAP000720-PA	M4(Oxidation)	44	0.000479266	2	1443.694	0.03	Salivary gland	X:+:13113475-13113510;X:+:13113475-13113510	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_27254	TSDNSLMISK	AGAP000720-PB,AGAP000720-PA	M7(Oxidation)	74	4.87E-07	1	1111.533	2.25	Malpighian tubule	X:+:13113766-13113795;X:+:13113766-13113795	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_28161	VFGAPKPQVK	AGAP000720-PB,AGAP000720-PA	-	36	0.001671468	1	1070.636	0.04	Ovary	X:+:13113409-13113438;X:+:13113409-13113438	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_29040	WRPLAQVDHNAPGLHYR	AGAP000720-PB,AGAP000720-PA	-	47	0.000255982	1	2030.049	0.95	Visceras	X:+:13114246-13114296;X:+:13114246-13114296	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_30366	IIKQPPPDEMLFQVAQQGESDKPFLIECEAEGEPTPK	AGAP000720-PB,AGAP000720-PA	M10(Oxidation), C28(Carbamidomethyl)	100	9.18E-10	1	4212.093	9.89	Malpighian tubule	X:+:13096833-13096942,131122 53-13112253;X:+:13096833-13096942,131122 53-13112253	exon=> In CDS Exon 2 and 3 of transcript AGAP000720-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP000720-PA
JHU_Ag_30909	DVYLNVLALAPEITDPPKR	AGAP000720-PB,AGAP000720-PA	-	68	8.07E-07	1	2124.174	1.75	Midgut	X:+:13113310-13113366;X:+:13113310-13113366	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_31162	VFGAPKPQVK	AGAP000720-PB,AGAP000720-PA	-	41	0.00037623	1	1070.639	2.89	Malpighian tubule	X:+:13113409-13113438;X:+:13113409-13113438	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_31981	MEREPHISDPAVLEAK	AGAP000720-PB,AGAP000720-PA	M1(Oxidation)	98	2.62E-09	1	1837.920	4.9	Malpighian tubule	X:+:13114942-13114989;X:+:13114942-13114989	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_32974	DDESNDFFYACAASSVFR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	50	3.21E-05	2	2100.861	0.09	Ovary	X:+:13112650-13112703;X:+:13112650-13112703	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_33065	IYYEEVKGTTVGPR	AGAP000720-PB,AGAP000720-PA	-	55	4.31E-05	1	1611.839	0.87	Ovary	X:+:13114900-13114941;X:+:13114900-13114941	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_33794	KFEWQTYDDR	AGAP000720-PB,AGAP000720-PA	-	54	2.91E-05	2	1387.627	-0.54	Head	X:+:13112278-13112307;X:+:13112278-13112307	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_33971	QALVTDFVPDATNYAR	AGAP000720-PB,AGAP000720-PA	-	94	5.71E-09	2	1780.892	2.95	Head	X:+:13114675-13114722;X:+:13114675-13114722	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_35502	IQTWTEADGEENLREILITADSK	AGAP000720-PB,AGAP000720-PA	-	89	1.79E-08	1	2632.321	4.07	Head	X:+:13114606-13114674;X:+:13114606-13114674	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_36037	IYYEEVKGTTVGPR	AGAP000720-PB,AGAP000720-PA	-	83	7.71E-08	2	1611.840	1.4	Head	X:+:13114900-13114941;X:+:13114900-13114941	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_36557	VFGAPKPQVK	AGAP000720-PB,AGAP000720-PA	-	35	0.001391403	2	1070.639	3	Larva	X:+:13113409-13113438;X:+:13113409-13113438	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_37346	DIPGAEWNSADVR	AGAP000720-PB,AGAP000720-PA	-	45	0.000373926	2	1429.674	2.64	Salivary gland	X:+:13114312-13114350;X:+:13114312-13114350	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_37399	IHVVATTK	AGAP000720-PB,AGAP000720-PA	-	31	0.002307587	1	868.526	1.43	Pupa	X:+:13115023-13115046;X:+:13115023-13115046	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_38723	RIVGSSSIYISK	AGAP000720-PB,AGAP000720-PA	-	50	3.92E-05	1	1309.749	1.04	Head	X:+:13113208-13113243;X:+:13113208-13113243	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_40907	GEIIDFENQPR	AGAP000720-PB,AGAP000720-PA	-	58	2.89E-05	2	1317.645	0.97	Head	X:+:13113724-13113756;X:+:13113724-13113756	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_41304	QSSYTVEGLPTFTR	AGAP000720-PB,AGAP000720-PA	-	68	2.07E-06	1	1585.792	4.14	Head	X:+:13114360-13114401;X:+:13114360-13114401	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_41315	DGSPQTLQADEGKPFK	AGAP000720-PB,AGAP000720-PA	-	124	7.00E-12	1	1717.846	3.86	Head	X:+:13112458-13112505;X:+:13112458-13112505	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_41509	IQTWTEADGEENLR	AGAP000720-PB,AGAP000720-PA	-	101	7.88E-10	1	1661.768	-4.98	Head	X:+:13114606-13114647;X:+:13114606-13114647	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_41594	IYYEEVK	AGAP000720-PB,AGAP000720-PA	-	50	8.67E-05	1	943.479	2.28	Salivary gland	X:+:13114900-13114920;X:+:13114900-13114920	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_42266	IHVVATTK	AGAP000720-PB,AGAP000720-PA	-	31	0.002433089	1	868.525	-0.4	Ovary	X:+:13115023-13115046;X:+:13115023-13115046	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_42349	VFGAPKPQVK	AGAP000720-PB,AGAP000720-PA	-	51	4.23E-05	2	1070.638	1.63	Salivary gland	X:+:13113409-13113438;X:+:13113409-13113438	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_42696	AIVWNDKIQQDNYGK	AGAP000720-PB,AGAP000720-PA	-	63	8.99E-06	2	1791.902	-0.33	Ovary	X:+:13112902-13112946;X:+:13112902-13112946	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_43976	TVINDPPQDYEAEAGTTVTFR	AGAP000720-PB,AGAP000720-PA	-	116	3.23E-11	2	2324.100	-1.74	Head	X:+:13113607-13113669;X:+:13113607-13113669	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_45158	IQTWTEADGEENLR	AGAP000720-PB,AGAP000720-PA	-	77	2.58E-07	2	1661.777	0.24	Midgut	X:+:13114606-13114647;X:+:13114606-13114647	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_45256	VAQIEWISNGDNR	AGAP000720-PB,AGAP000720-PA	-	78	2.70E-07	2	1501.745	3.48	Head	X:+:13113931-13113969;X:+:13113931-13113969	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_45435	DESSWQTTDPELYENYLIVHGINPDHLYEFR	AGAP000720-PB,AGAP000720-PA	-	41	0.000799163	1	3780.756	2.75	Ovary	X:+:13115324-13115416;X:+:13115324-13115416	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_45437	VFGAPKPQVK	AGAP000720-PB,AGAP000720-PA	-	45	0.000216321	2	1070.634	-1.22	Pupa	X:+:13113409-13113438;X:+:13113409-13113438	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_45497	QSSYTVEGLPTFTR	AGAP000720-PB,AGAP000720-PA	-	55	4.30E-05	2	1585.782	-2.09	Midgut	X:+:13114360-13114401;X:+:13114360-13114401	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_46174	VIAVNKVGR	AGAP000720-PB,AGAP000720-PA	-	53	1.77E-05	2	955.607	2.11	Malpighian tubule	X:+:13114108-13114134;X:+:13114108-13114134	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_46811	YQTMPSGDLFIR	AGAP000720-PB,AGAP000720-PA	M4(Oxidation)	70	1.24E-06	1	1443.700	4.59	Larva	X:+:13113475-13113510;X:+:13113475-13113510	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_47204	AIVWNDKIQQDNYGK	AGAP000720-PB,AGAP000720-PA	-	107	3.59E-10	1	1791.904	0.97	Head	X:+:13112902-13112946;X:+:13112902-13112946	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_47910	KPLQPNGK	AGAP000720-PB,AGAP000720-PA	N6(Deamidated)	45	0.000197 64	2	882.504	-0.21	Salivary gland	X:+:13114861-13114884;X:+:13114861-13114884	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_48724	DVKFDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C12(Carbamidomethyl)	90	1.12E-08	1	2340.059	1.01	Salivary gland	X:+:13113511-13113573;X:+:13113511-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_49801	DVYLNVLALAPEITDPPKR	AGAP000720-PB,AGAP000720-PA	-	86	1.47E-08	1	2124.176	2.95	Pupa	X:+:13113310-13113366;X:+:13113310-13113366	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_51515	KFEWQTYDDR	AGAP000720-PB,AGAP000720-PA	-	34	0.002953 404	1	1387.628	0.16	Pupa	X:+:13112278-13112307;X:+:13112278-13112307	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_51895	DVYLNVLALAPEITDPPKR	AGAP000720-PB,AGAP000720-PA	-	62	3.91E-06	1	2124.173	1.57	Salivary gland	X:+:13113310-13113366;X:+:13113310-13113366	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_52033	DIPGAEWNSADVR	AGAP000720-PB,AGAP000720-PA	-	49	0.000169 304	2	1429.671	0.16	Ovary	X:+:13114312-13114350;X:+:13114312-13114350	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_53700	DDESNDFFYACAASSVFR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	104	1.53E-10	2	2100.867	3.23	Head	X:+:13112650-13112703;X:+:13112650-13112703	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_54246	DEDLGQYQCFAENEHGTATSNSVFVR	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	96	2.01E-09	1	2974.290	-0.32	Ovary	X:+:13112356-13112433;X:+:13112356-13112433	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_54302	FDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	137	1.31E-13	1	1997.869	1.79	Head	X:+:13113520-13113573;X:+:13113520-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_54676	GEIIDFENQPR	AGAP000720-PB,AGAP000720-PA	-	52	8.88E-05	2	1317.645	0.88	Male reproductive organs	X:+:13113724-13113756;X:+:13113724-13113756	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_55645	IQTWTEADGEENLR	AGAP000720-PB,AGAP000720-PA	-	74	4.28E-07	2	1661.780	2.07	Visceras	X:+:13114606-13114647;X:+:13114606-13114647	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_56792	EILITADSK	AGAP000720-PB,AGAP000720-PA	-	55	3.89E-05	1	989.553	1.78	Head	X:+:13114648-13114674;X:+:13114648-13114674	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_56808	AIVWNDKIQQDNYGK	AGAP000720-PB,AGAP000720-PA	-	75	5.54E-07	2	1791.906	2.12	Salivary gland	X:+:13112902-13112946;X:+:13112902-13112946	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_57274	REFTVDQR	AGAP000720-PB,AGAP000720-PA	-	35	0.004871 822	2	1050.529	-3.69	Head	X:+:13113364-13113387;X:+:13113364-13113387	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_58718	MEREPHISDPAVLEAK	AGAP000720-PB,AGAP000720-PA	M1(Oxidation)	57	3.38E-05	1	1837.909	-1.18	Salivary gland	X:+:13114942-13114989;X:+:13114942-13114989	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_58757	QALVTDFVPDATNYAR	AGAP000720-PB,AGAP000720-PA	-	91	1.47E-08	2	1780.885	-0.82	Midgut	X:+:13114675-13114722;X:+:13114675-13114722	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_60445	AGEGQDFYIER	AGAP000720-PB,AGAP000720-PA	-	82	5.66E-08	1	1284.586	0.04	Midgut	X:+:13115047-13115063,131151 52-13115167;X:+:131 15047-13115063,131151 52-13115167	exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PA
JHU_Ag_61144	IVGSSSIYISK	AGAP000720-PB,AGAP000720-PA	-	38	0.000783 955	2	1153.651	4.39	Larva	X:+:13113211-13113243;X:+:131 13211-13113243	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_61400	NPDNLEGEGTTPTNLVIK	AGAP000720-PB,AGAP000720-PA	-	122	9.78E-12	1	1911.971	2.86	Ovary	X:+:13114192-13114245;X:+:131 14192-13114245	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_61737	QALVTDFVPDATNYAR	AGAP000720-PB,AGAP000720-PA	-	87	2.84E-08	2	1780.901	8.37	Salivary gland	X:+:13114675-13114722;X:+:131 14675-13114722	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_62046	DVKFDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C12(Carbamidomethyl)	45	0.000366 67	1	2340.059	1.17	Ovary	X:+:13113511-13113573;X:+:131 13511-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_63104	VLLQVK	AGAP000720-PB,AGAP000720-PA	-	39	0.000154 138	1	699.477	0.95	Head	X:+:13112728-13112745;X:+:131 12728-13112745	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_65127	QSSYTVEGLPTFTR	AGAP000720-PB,AGAP000720-PA	-	51	0.000111 24	1	1585.787	0.76	Visceras	X:+:13114360-13114401;X:+:131 14360-13114401	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_66063	KFEWQTYDDR	AGAP000720-PB,AGAP000720-PA	-	66	1.84E-06	2	1387.627	-0.45	Salivary gland	X:+:13112278-13112307;X:+:131 12278-13112307	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_66551	DGSPQTLQADEGKPFK	AGAP000720-PB,AGAP000720-PA	-	125	5.36E-12	1	1717.836	-1.68	Pupa	X:+:13112458-13112505;X:+:131 12458-13112505	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_66872	FDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	102	5.34E-10	1	1997.871	2.77	Ovary	X:+:13113520-13113573;X:+:131 13520-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_67388	DGSPQTLQADEGKPFK	AGAP000720-PB,AGAP000720-PA	-	82	1.10E-07	1	1717.853	7.84	Visceras	X:+:13112458-13112505;X:+:131 12458-13112505	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_67597	VVSVDGEYQTESATQEVDTYGIQSSVK	AGAP000720-PB,AGAP000720-PA	-	80	1.39E-07	1	2919.381	2.18	Salivary gland	X:+:13115417-13115483,131155 66-13115579;X:+:131 15417-13115483,131155 66-13115579	exon=> In CDS Exon 4 and 5 of transcript AGAP000720-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP000720-PA
JHU_Ag_68295	DVYLNVLALAPEITDPPKR	AGAP000720-PB,AGAP000720-PA	-	73	2.83E-07	1	2124.178	3.9	Head	X:+:13113310-13113366;X:+:131 13310-13113366	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_68521	NPDNLEGEGTTPTNLVIK	AGAP000720-PB,AGAP000720-PA	-	129	1.81E-12	1	1911.967	0.43	Head	X:+:13114192-13114245;X:+:131 14192-13114245	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_69624	GEIIDFENQPR	AGAP000720-PB,AGAP000720-PA	-	64	6.77E-06	2	1317.644	0.32	Ovary	X:+:13113724-13113756;X:+:131 13724-13113756	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_71405	SASGELIVKER	AGAP000720-PB,AGAP000720-PA	-	92	7.36E-09	1	1188.662	2.8	Malpighian tubule	X:+:13113574-13113606;X:+:131 13574-13113606	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_71604	ATSSGLGLPPDVPNFYWENIR	AGAP000720-PB,AGAP000720-PA	-	45	0.000405 42	2	2333.169	5.29	Head	X:+:13115168-13115230;X:+:13115168-13115230	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_72429	SASGELIVK	AGAP000720-PB,AGAP000720-PA	-	40	0.001295 631	1	903.517	2.39	Salivary gland	X:+:13113574-13113600;X:+:13113574-13113600	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_73503	IVGSSSIYISK	AGAP000720-PB,AGAP000720-PA	-	67	1.38E-06	2	1153.647	0.16	Ovary	X:+:13113211-13113243;X:+:13113211-13113243	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_74136	SLPSGHSDVCTTESSVPYK	AGAP000720-PB,AGAP000720-PA	C10(Carbamidomethyl)	115	3.67E-11	2	2050.940	0.88	Head	X:+:13114135-13114191;X:+:13114135-14114191	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_74453	TVINDPPQDYEAEAGTTVTFR	AGAP000720-PB,AGAP000720-PA	-	79	1.72E-07	2	2324.104	-0.06	Visceras	X:+:13113607-13113669;X:+:13113607-13113669	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_74847	AGEGQDFYIER	AGAP000720-PB,AGAP000720-PA	-	71	6.67E-07	1	1284.585	-0.72	Male reproductive organs	X:+:13115047-13115063,13115152-13115167;X:+:13115047-13115063,13115152-13115167	exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PA
JHU_Ag_74892	TSDNSLMISK	AGAP000720-PB,AGAP000720-PA	M7(Oxidation)	57	2.48E-05	2	1111.531	0.82	Ovary	X:+:13113766-13113795;X:+:13113766-13113795	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_75238	IQTWTEADGEENLR	AGAP000720-PB,AGAP000720-PA	-	79	1.69E-07	1	1661.779	1.71	Salivary gland	X:+:13114606-13114647;X:+:13114606-14114647	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_76485	VVWQPALGGK	AGAP000720-PB,AGAP000720-PA	-	41	0.000301 62	1	1054.607	2.75	Salivary gland	X:+:13115258-13115287;X:+:13115258-13115287	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_77638	QSSYTVEGLPTFTR	AGAP000720-PB,AGAP000720-PA	-	51	0.000122 261	2	1585.792	3.68	Ovary	X:+:13114360-13114401;X:+:13114360-14114401	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_77639	AGEGQDFYIER	AGAP000720-PB,AGAP000720-PA	-	91	7.16E-09	1	1284.586	0.52	Ovary	X:+:13115047-13115063,13115152-13115167;X:+:13115047-13115063,13115152-13115167	exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PA
JHU_Ag_78212	WRPLAQVDHNAPGLHYR	AGAP000720-PB,AGAP000720-PA	-	72	8.41E-07	1	2030.050	1.36	Ovary	X:+:13114246-13114296;X:+:13114246-14114296	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_78307	VAQIEWISNGDNR	AGAP000720-PB,AGAP000720-PA	N9(Deamidated),N12(Deamidated),Q3(Deamidated)	71	1.39E-06	2	1502.728	2.74	Salivary gland	X:+:13113931-13113969;X:+:13113931-13113969	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_79431	IYYEEVKGTTVGPR	AGAP000720-PB,AGAP000720-PA	-	60	1.37E-05	1	1611.839	1.02	Salivary gland	X:+:13114900-13114941;X:+:13114900-14114941	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_80781	EFTVDQR	AGAP000720-PB,AGAP000720-PA	-	35	0.004123 848	2	894.432	0.02	Ovary	X:+:13113367-13113387;X:+:13113367-13113387	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_80924	WRPLAQVDHNAPGLHYR	AGAP000720-PB,AGAP000720-PA	-	66	3.42E-06	1	2030.051	1.97	Malpighian tubule	X:+:13114246-13114296;X:+:13114246-14114296	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_81400	RIVGSSSIYISK	AGAP000720-PB,AGAP000720-PA	-	34	0.001696166	1	1309.748	0.38	Ovary	X:+:13113208-13113243;X:+:13113208-13113243	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_81424	GEIIDFENQPR	AGAP000720-PB,AGAP000720-PA	-	65	5.17E-06	2	1317.645	1.53	Salivary gland	X:+:13113724-13113756;X:+:13113724-13113756	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_82633	MEREPHISDPAVLEAK	AGAP000720-PB,AGAP000720-PA	M1(Oxidation)	47	0.000291626	1	1837.908	-1.58	Head	X:+:13114942-13114989;X:+:13114942-13114989	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_82970	VVWQPALGGK	AGAP000720-PB,AGAP000720-PA	-	41	0.000495505	1	1054.604	-0.49	Ovary	X:+:13115258-13115287;X:+:13115258-13115287	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_83110	VKDESSWQTTDPELYENYLIVHGINPDHLYEFR	AGAP000720-PB,AGAP000720-PA	-	94	3.63E-09	1	4007.906	-0.77	Salivary gland	X:+:13115318-13115416;X:+:13115318-13115416	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_83974	DEDLGQYQCFAENEHGTATSNSVFVR	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	109	8.95E-11	1	2974.285	-1.86	Salivary gland	X:+:13112356-13112433;X:+:13112356-13112433	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_84312	VKDESSWQTTDPELYENYLIVHGINPDHLYEFR	AGAP000720-PB,AGAP000720-PA	-	170	9.91E-17	1	4007.917	2.03	Head	X:+:13115318-13115416;X:+:13115318-13115416	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_84875	AGEGQDFYIER	AGAP000720-PB,AGAP000720-PA	-	89	1.08E-08	1	1284.588	2.04	Head	X:+:13115047-13115063,13115152-13115167;X:+:13115047-13115063,13115152-13115167	exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP000720-PA
JHU_Ag_85328	FDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	97	1.42E-09	1	1997.864	-0.84	Pupa	X:+:13113520-13113573;X:+:13113520-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_85526	ATSSGLGLPPDVPNFYWENIR	AGAP000720-PB,AGAP000720-PA	-	39	0.001695391	2	2333.159	1.1	Visceras	X:+:13115168-13115230;X:+:13115168-13115230	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_86135	DVKFDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C12(Carbamidomethyl)	104	4.55E-10	1	2340.060	1.48	Head	X:+:13113511-13113573;X:+:13113511-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_86428	ATSSGLGLPPDVPNFYWENIR	AGAP000720-PB,AGAP000720-PA	-	45	0.000437373	1	2333.158	0.79	Midgut	X:+:13115168-13115230;X:+:13115168-13115230	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_87465	EFTVDQR	AGAP000720-PB,AGAP000720-PA	-	33	0.007298256	1	894.434	3.1	Head	X:+:13113367-13113387;X:+:13113367-13113387	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_88528	IHVVATTK	AGAP000720-PB,AGAP000720-PA	-	44	0.000121473	2	868.521	-4.61	Head	X:+:13115023-13115046;X:+:13115023-13115046	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_88917	VAQIEWISNGDNR	AGAP000720-PB,AGAP000720-PA	-	84	5.99E-08	2	1501.743	2.1	Ovary	X:+:13113931-13113969;X:+:13113931-13113969	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_89129	TSDNSLMISK	AGAP000720-PB,AGAP000720-PA	M7(Oxidation)	61	9.70E-06	2	1111.533	2.91	Salivary gland	X:+:13113766-13113795;X:+:13113766-13113795	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_89233	DVYLNVLALAPEITDPPKR	AGAP000720-PB,AGAP000720-PA	-	76	1.35E-07	1	2124.175	2.52	Visceras	X:+:13113310-13113366;X:+:13113310-13113366	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_89684	QSSYTVEGLPTFTR	AGAP000720-PB,AGAP000720-PA	-	67	2.87E-06	2	1585.792	3.99	Salivary gland	X:+:13114360-13114401;X:+:13114360-13114401	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_90049	KFEWQTYDDR	AGAP000720-PB,AGAP000720-PA	-	53	4.19E-05	2	1387.629	1.13	Ovary	X:+:13112278-13112307;X:+:13112278-13112307	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_92217	DDESNDFFYACAASSVFR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	58	5.45E-06	2	2100.865	2.3	Pupa	X:+:13112650-13112703;X:+:13112650-13112703	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_92485	IQTWTEADGEENLREILITADSK	AGAP000720-PB,AGAP000720-PA	-	87	2.76E-08	1	2632.316	2.05	Ovary	X:+:13114606-13114674;X:+:13114606-13114674	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_93489	IHVVATTK	AGAP000720-PB,AGAP000720-PA	-	39	0.000348604	1	868.527	2.63	Larva	X:+:13115023-13115046;X:+:13115023-13115046	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_93519	QALVTDFVPDATNYAR	AGAP000720-PB,AGAP000720-PA	-	100	1.58E-09	2	1780.900	7.75	Malpighian tubule	X:+:13114675-13114722;X:+:13114675-13114722	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_93842	YQTMPSGDLFIR	AGAP000720-PB,AGAP000720-PA	M4(Oxidation)	50	0.000130189	1	1443.692	-1.24	Midgut	X:+:13113475-13113510;X:+:13113475-13113510	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_95953	QIELFCIYGGTPLPETVWTK	AGAP000720-PB,AGAP000720-PA	C6(Carbamidomethyl)	59	1.83E-05	2	2352.199	1.91	Head	X:+:13112833-13112892;X:+:13112833-13112892	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_96677	NDYTEEGGFPEYSQPLDNK	AGAP000720-PB,AGAP000720-PA	-	58	9.90E-06	2	2202.946	-0.08	Ovary	X:+:13115733-13115776,13120115-13120127;X:+:13115733-13115776,13120115-13120127	exon=> In CDS Exon 5 and 6 of transcript AGAP000720-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP000720-PA
JHU_Ag_96697	DGSPQTLQADEGKPFK	AGAP000720-PB,AGAP000720-PA	-	77	3.27E-07	1	1717.844	2.65	Ovary	X:+:13112458-13112505;X:+:13112458-13112505	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_97313	IQTWTEADGEENLREILITADSK	AGAP000720-PB,AGAP000720-PA	-	55	4.72E-05	1	2632.319	3.44	Salivary gland	X:+:13114606-13114674;X:+:13114606-13114674	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_97603	QALVTDFVPDATNYAR	AGAP000720-PB,AGAP000720-PA	-	72	8.90E-07	2	1780.892	2.95	Pupa	X:+:13114675-13114722;X:+:13114675-13114722	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_98054	SLPSGHSDVCTTESSVPYKNPDNLEGEGTTPTNLVIK	AGAP000720-PB,AGAP000720-PA	C10(Carbamidomethyl)	64	5.09E-06	1	3943.890	0.71	Visceras	X:+:13114135-13114245;X:+:13114135-13114245	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_99713	DIPGAEWNSADVR	AGAP000720-PB,AGAP000720-PA	-	66	3.13E-06	2	1429.672	0.59	Head	X:+:13114312-13114350;X:+:13114312-13114350	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_100148	IQTWTEADGEENLREILITADSK	AGAP000720-PB,AGAP000720-PA	-	69	1.69E-06	1	2632.308	-0.73	Visceras	X:+:13114606-13114674;X:+:13114606-13114674	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_101113	EPHISDPAVLEAK	AGAP000720-PB,AGAP000720-PA	-	40	0.001412056	3	1405.733	0.52	Head	X:+:13114951-13114989;X:+:13114951-13114989	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_102839	YQTMPSGDLFIR	AGAP000720-PB,AGAP000720-PA	M4(Oxidation)	40	0.001216942	2	1443.697	2.48	Malpighian tubule	X:+:13113475-13113510;X:+:13113475-13113510	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_103086	GTLVITSPR	AGAP000720-PB,AGAP000720-PA	-	46	0.000255501	2	943.561	4.23	Head	X:+:13112329-13112355;X:+:131 12329-13112355	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_103387	DIPGAEWNSADVRDWR	AGAP000720-PB,AGAP000720-PA	-	50	0.000156216	1	1886.886	4.27	Malpighian tubule	X:+:13114312-13114359;X:+:131 14312-13114359	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_103716	DDESNDFFYACAASSVFR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	104	1.33E-10	2	2100.860	-0.25	Visceras	X:+:13112650-13112703;X:+:131 12650-13112703	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_104601	YRIHVVATTK	AGAP000720-PB,AGAP000720-PA	-	35	0.002357811	1	1187.693	2.53	Malpighian tubule	X:+:13115017-13115046;X:+:131 15017-13115046	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_104693	IQTWTEADGEENLREILITADSK	AGAP000720-PB,AGAP000720-PA	-	68	1.90E-06	1	2632.325	5.53	Malpighian tubule	X:+:13114606-13114674;X:+:131 14606-13114674	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_105026	SLPSGHSDVCTTESSVPYK	AGAP000720-PB,AGAP000720-PA	C10(Carbamidomethyl)	45	0.000401875	1	2050.945	3.04	Midgut	X:+:13114135-13114191;X:+:131 14135-13114191	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_105555	ATSSGLGLPPDVPNFYWENIRSENGLANIK	AGAP000720-PB,AGAP000720-PA	-	39	0.001190278	1	3259.659	6.19	Malpighian tubule	X:+:13115168-13115257;X:+:131 15168-13115257	exon=> In CDS Exon 4 of transcript AGAP000720-PB;exon=> In CDS Exon 4 of transcript AGAP000720-PA
JHU_Ag_106530	IGNRVLLQVK	AGAP000720-PB,AGAP000720-PA	-	35	0.000295966	1	1139.731	4.25	Malpighian tubule	X:+:13112716-13112745;X:+:131 12716-13112745	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_106667	IQTWTEADGEENLR	AGAP000720-PB,AGAP000720-PA	-	51	9.48E-05	1	1661.778	0.9	Ovary	X:+:13114606-13114647;X:+:131 14606-13114647	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_106779	QIDVSQGNAR	AGAP000720-PB,AGAP000720-PA	-	67	3.00E-06	2	1087.552	2.81	Malpighian tubule	X:+:13113178-13113207;X:+:131 13178-13113207	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_107163	WRPLAQVDHNAPGLHYR	AGAP000720-PB,AGAP000720-PA	-	87	2.15E-08	1	2030.055	4.01	Salivary gland	X:+:13114246-13114296;X:+:131 14246-13114296	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_107242	IYYEEVKGTTVGPR	AGAP000720-PB,AGAP000720-PA	-	69	1.42E-06	1	1611.844	4.05	Malpighian tubule	X:+:13114900-13114941;X:+:131 14900-13114941	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_108904	IVGSSSIYISK	AGAP000720-PB,AGAP000720-PA	-	42	0.000444878	2	1153.647	0.9	Salivary gland	X:+:13113211-13113243;X:+:131 13211-13113243	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_110621	DGSPQTLQADEGKPFK	AGAP000720-PB,AGAP000720-PA	-	111	1.36E-10	1	1717.837	-1.11	Salivary gland	X:+:13112458-13112505;X:+:131 12458-13112505	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_111175	TVINDPPQDYEAEAGTTVTFR	AGAP000720-PB,AGAP000720-PA	-	94	5.98E-09	2	2324.116	4.88	Malpighian tubule	X:+:13113607-13113669;X:+:131 13607-13113669	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_111574	YQTMPSGDLFIR	AGAP000720-PB,AGAP000720-PA	M4(Oxidation)	62	7.20E-06	1	1443.694	-0.06	Pupa	X:+:13113475-13113510;X:+:131 13475-13113510	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_112582	TIELDTGTYTCLAR	AGAP000720-PB,AGAP000720-PA	C11(Carbamidomethyl)	114	6.17E-11	2	1613.794	6.11	Malpighian tubule	X:+:13113796-13113837;X:+:131 13796-13113837	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_114147	QSSYTVEGLPTFTR	AGAP000720-PB,AGAP000720-PA	-	68	2.24E-06	1	1585.794	5.22	Malpighian tubule	X:+:13114360-13114401;X:+:131 14360-13114401	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA

JHU_Ag_114932	DEDLGQYQCFAENEHGTATSNSVFVR	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	153	3.82E-15	1	2974.295	1.21	Head	X:+:13112356-13112433;X:+:13112356-13112433	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_115600	NDYTEEGGFPEYSQPLDNK	AGAP000720-PB,AGAP000720-PA	-	125	2.35E-12	1	2202.949	1.25	Head	X:+:13115733-13115776,13120115-13120127;X:+:13115733-13115776,13120115-13120127	exon=> In CDS Exon 5 and 6 of transcript AGAP000720-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP000720-PA
JHU_Ag_115825	FDDAGEYTCHAVNNLGSK	AGAP000720-PB,AGAP000720-PA	C9(Carbamidomethyl)	56	1.76E-05	1	1997.864	-1.06	Visceras	X:+:13113520-13113573;X:+:13113520-13113573	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_116209	YQTMPSGDLFIR	AGAP000720-PB,AGAP000720-PA	-	51	0.000120149	1	1427.699	-0.03	Head	X:+:13113475-13113510;X:+:13113475-13113510	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_116689	QALVTDFVPDATNYAR	AGAP000720-PB,AGAP000720-PA	-	75	5.34E-07	2	1780.889	1.51	Visceras	X:+:13114675-13114722;X:+:13114675-13114722	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_117431	DIPGAEWNSADVR	AGAP000720-PB,AGAP000720-PA	-	40	0.001163234	2	1429.670	-0.18	Midgut	X:+:13114312-13114350;X:+:13114312-13114350	exon=> In CDS Exon 3 of transcript AGAP000720-PB;exon=> In CDS Exon 3 of transcript AGAP000720-PA
JHU_Ag_628	AYLEAFYDFCK	AGAP000721-PA	C10(Carbamidomethyl)	80	1.06E-07	1	1426.636	0.6	Midgut	X:+:13135189-13135221	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_688	NIGGTTADVMCEILAFEADRR	AGAP000721-PA	M10(Oxidation), C11(Carbamidomethyl)	50	0.000144402	1	2355.116	3.82	Head	X:+:13135222-13135266,13136304-13136321	exon=> In CDS Exon 2 and 3 of transcript AGAP000721-PA
JHU_Ag_914	IDNYIPIF	AGAP000721-PA	-	47	0.000237632	1	994.528	4.02	Salivary gland	X:+:13136694-13136717	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_1177	LVIEFQHMR	AGAP000721-PA	M8(Oxidation)	40	0.001422	2	1188.617	-2.37	Midgut	X:+:13134859-13134885	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_3056	LHLQGTDYGQFLANEPSPLAVSVIDDK	AGAP000721-PA	-	153	4.91E-15	1	2927.486	2.57	Head	X:+:13134766-13134846	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_3425	FYEHEVK	AGAP000721-PA	-	48	0.000192429	2	951.459	2.11	Malpighian tubule	X:+:13136544-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_7651	LHLQGTDYGQFLANEPSPLAVSVIDDK	AGAP000721-PA	-	124	3.72E-12	1	2927.493	4.76	Salivary gland	X:+:13134766-13134846	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_8034	LHLQGTDYGQFLANEPSPLAVSVIDDK	AGAP000721-PA	-	188	1.42E-18	1	2927.488	3.13	Malpighian tubule	X:+:13134766-13134846	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_14056	LVIEFQHMR	AGAP000721-PA	M8(Oxidation)	40	0.00153147	1	1188.620	0.19	Salivary gland	X:+:13134859-13134885	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_15886	LVIEFQHMR	AGAP000721-PA	M8(Oxidation)	65	5.52E-06	1	1172.627	1.69	Malpighian tubule	X:+:13134859-13134885	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_16525	QADYLNLVQCETLEDLK	AGAP000721-PA	C10(Carbamidomethyl)	92	1.22E-08	2	2052.007	5.56	Salivary gland	X:+:13134198-13134240,13134758-13134765	exon=> In CDS Exon 1 and 2 of transcript AGAP000721-PA
JHU_Ag_18184	LNMYGFMQQFHFGVFYSYLK	AGAP000721-PA	M3(Oxidation), M7(Oxidation)	59	1.77E-05	1	2552.195	6.75	Salivary gland	X:+:13136565-13136624	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_20402	LHLQGTDYGQFLANEPSPLAVSVIDDK	AGAP000721-PA	-	101	7.34E-10	1	2927.483	1.32	Pupa	X:+:13134766-13134846	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_20722	AIIITINSFGTELSKDDR	AGAP000721-PA	-	101	6.00E-10	1	1993.064	1.76	Salivary gland	X:+:13136322-13136375	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_21069	MNPDGLAALAR	AGAP000721-PA	M1(Oxidation)	77	2.23E-07	2	1128.584	0.52	Midgut	X:+:13136403-13136435	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_21630	LVIEFQHMR	AGAP000721-PA	M8(Oxidation)	52	8.94E-05	1	1188.621	1.53	Male reproductive organs	X:+:13134859-13134885	exon=> In CDS Exon 2 of transcript AGAP000721-PA

JHU_Ag_22679	NIVWIAECVAQK	AGAP000721-PA	C8(Carbamidomethyl)	96	4.31E-09	1	1430.747	0.44	Male reproductive organs	X:+:13136646-13136681	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_24638	MNPDGLAALAR	AGAP000721-PA	N2(Deamidated)	40	0.001372989	2	1129.569	1.38	Visceras	X:+:13136403-13136435	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_27723	EKLVIEFQHMR	AGAP000721-PA	M10(Oxidation)	64	6.93E-06	1	1445.759	1.57	Malpighian tubule	X:+:13134853-13134885	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_27750	MNPDGLAALAR	AGAP000721-PA	M1(Oxidation)	79	1.41E-07	2	1144.578	0.26	Salivary gland	X:+:13136403-13136435	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_28255	AIIITINSFGTELSKDDR	AGAP000721-PA	-	135	2.12E-13	1	1993.064	1.82	Visceras	X:+:13136322-13136375	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_29237	AVAEYYAEYAALFDGSGNNPGDK	AGAP000721-PA	-	82	6.30E-08	2	2422.088	1.85	Head	X:+:13136460-13136528	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_29801	AIIITINSFGTELSK	AGAP000721-PA	-	127	6.43E-13	1	1606.904	-0.71	Midgut	X:+:13136322-13136366	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_30662	NIVWIAECVAQK	AGAP000721-PA	C8(Carbamidomethyl)	88	2.66E-08	1	1430.747	0.87	Visceras	X:+:13136646-13136681	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_30955	MNPDGLAALAR	AGAP000721-PA	M1(Oxidation)	80	9.84E-08	2	1128.583	0.19	Malpighian tubule	X:+:13136403-13136435	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_31159	LVIEFQHMR	AGAP000721-PA	M8(Oxidation)	56	3.97E-05	1	1188.620	0.5	Head	X:+:13134859-13134885	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_31497	AIIITINSFGTELSKDDR	AGAP000721-PA	N7(Deamidated)	128	1.15E-12	1	1993.061	0.59	Midgut	X:+:13136322-13136375	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_32471	LHLQGTDYGQFLANEPSPLAVSVIDDKLR	AGAP000721-PA	-	143	3.02E-14	1	3196.661	-0.86	Midgut	X:+:13134766-13134852	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_33370	AKIDNYIPIF	AGAP000721-PA	-	40	0.000826961	1	1193.660	3.28	Malpighian tubule	X:+:13136688-13136717	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_37476	AYLEAFYDFCK	AGAP000721-PA	C10(Carbamidomethyl)	69	1.25E-06	2	1426.638	2.23	Salivary gland	X:+:13135189-13135221	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_41690	NIGGTTADVMCEILAFEADRR	AGAP000721-PA	C11(Carbamidomethyl),"M10(Oxidation),C11(Carbamidomethyl)"	67	2.52E-06	1	2355.120	5.45	Salivary gland	X:+:13135222-13135266,13136304-13136321	exon=> In CDS Exon 2 and 3 of transcript AGAP000721-PA
JHU_Ag_43493	QADYLNLVQCETLEDLK	AGAP000721-PA	C10(Carbamidomethyl)	96	4.15E-09	2	2052.001	2.47	Head	X:+:13134198-13134240,13134758-13134765	exon=> In CDS Exon 1 and 2 of transcript AGAP000721-PA
JHU_Ag_45047	TLEDKFYEHEVK	AGAP000721-PA	-	74	6.52E-07	1	1537.753	-0.01	Salivary gland	X:+:13136529-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_45516	AYLEAFYDFCK	AGAP000721-PA	C10(Carbamidomethyl)	60	8.98E-06	2	1426.638	2.4	Pupa	X:+:13135189-13135221	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_46663	NIVWIAECVAQK	AGAP000721-PA	C8(Carbamidomethyl)	92	1.03E-08	2	1430.749	1.98	Salivary gland	X:+:13136646-13136681	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_47023	LHLQGTDYGQFLANEPSPLAVSVIDDKLR	AGAP000721-PA	-	89	7.64E-09	1	3196.665	0.4	Visceras	X:+:13134766-13134852	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_47932	NIGGTTADVMCEILAFEADRR	AGAP000721-PA	C11(Carbamidomethyl)	74	5.99E-07	1	2339.110	-0.73	Visceras	X:+:13135222-13135266,13136304-13136321	exon=> In CDS Exon 2 and 3 of transcript AGAP000721-PA
JHU_Ag_51430	PGYMFNIDGGYLEGLCR	AGAP000721-PA	M4(Oxidation),C16(Carbamidomethyl)	95	3.79E-09	1	1977.882	-0.66	Salivary gland	X:+:13134123-13134173	exon=> In CDS Exon 1 of transcript AGAP000721-PA
JHU_Ag_55271	TLEDKFYEHEVK	AGAP000721-PA	-	42	0.001037113	2	1537.759	3.96	Larva	X:+:13136529-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_56308	AVAEYYAEYAALFDGSGNNPGDKTLEDK	AGAP000721-PA	-	120	9.76E-12	1	3008.372	-2.65	Midgut	X:+:13136460-13136543	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_56566	AIIITINSFGTELSK	AGAP000721-PA	-	67	6.40E-07	2	1606.907	1.26	Head	X:+:13136322-13136366	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_57657	TLEDKFYEHEVK	AGAP000721-PA	-	83	7.70E-08	1	1537.751	-1.35	Midgut	X:+:13136529-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA

JHU_Ag_58517	AVAEYYAEYAALFDGSGNNPGDK	AGAP000721-PA	-	102	6.14E-10	1	2422.083	-0.09	Midgut	X:+:13136460-13136528	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_59703	LHLQGTDYGQFLANEPSPLAVSVIDDKLR	AGAP000721-PA	-	38	0.001035717	1	3196.663	-0.34	Ovary	X:+:13134766-13134852	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_59911	LHLQGTDYGQFLANEPSPLAVSVIDDKLR	AGAP000721-PA	-	103	3.14E-10	1	3196.681	5.22	Malpighian tubule	X:+:13134766-13134852	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_62366	NIVWIAECVAQK	AGAP000721-PA	C8(Carbamidomethyl)	99	1.89E-09	1	1430.751	3.43	Malpighian tubule	X:+:13136646-13136681	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_62557	AYLEAFYDFCK	AGAP000721-PA	C10(Carbamidomethyl)	47	0.000196102	1	1426.636	0.52	Male reproductive organs	X:+:13135189-13135221	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_62721	NIVWIAECVAQK	AGAP000721-PA	C8(Carbamidomethyl)	83	8.55E-08	2	1430.751	3.52	Head	X:+:13136646-13136681	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_63971	QADYLNLVQCETLEDLK	AGAP000721-PA	C10(Carbamidomethyl)	118	2.71E-11	1	2051.986	-4.43	Midgut	X:+:13134198-13134240,13134758-13134765	exon=> In CDS Exon 1 and 2 of transcript AGAP000721-PA
JHU_Ag_65409	AVAEYYAEYAALFDGSGNNPGDK	AGAP000721-PA	-	143	5.49E-14	1	2422.093	3.99	Salivary gland	X:+:13136460-13136528	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_69466	LNMYGFMQQFHFGVFYSYLK	AGAP000721-PA	M3(Oxidation), M7(Oxidation)	76	3.17E-07	1	2552.178	0.15	Midgut	X:+:13136565-13136624	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_69591	ADDYEQVK	AGAP000721-PA	-	55	2.48E-05	2	967.436	-0.5	Midgut	X:+:13136436-13136459	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_69855	NIGGTTADVMCEILAFEADRR	AGAP000721-PA	M10(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	78	1.75E-07	1	2355.107	-0.07	Midgut	X:+:13135222-13135266,13136304-13136321	exon=> In CDS Exon 2 and 3 of transcript AGAP000721-PA
JHU_Ag_71746	TLEDKFYEHEVK	AGAP000721-PA	-	83	8.20E-08	1	1537.755	0.79	Malpighian tubule	X:+:13136529-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_73845	AIIITINSFGTELSKDDR	AGAP000721-PA	-	53	4.22E-05	1	1993.062	0.74	Pupa	X:+:13136322-13136375	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_74651	AYLEAFYDFCK	AGAP000721-PA	C10(Carbamidomethyl)	88	1.54E-08	1	1426.640	3.51	Malpighian tubule	X:+:13135189-13135221	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_77323	PGYMFNIDGGYLEGLCR	AGAP000721-PA	N-Term(Acetyl), N6(Deamidated), C16(Carbamidomethyl)	46	0.000245169	2	2004.899	7.86	Salivary gland	X:+:13134123-13134173	exon=> In CDS Exon 1 of transcript AGAP000721-PA
JHU_Ag_78551	PGYMFNIDGGYLEGLCR	AGAP000721-PA	M4(Oxidation), C16(Carbamidomethyl)	109	1.21E-10	1	1977.883	-0.04	Midgut	X:+:13134123-13134173	exon=> In CDS Exon 1 of transcript AGAP000721-PA
JHU_Ag_78691	TLEDKFYEHEVK	AGAP000721-PA	-	43	0.00087176	1	1537.755	1.1	Visceras	X:+:13136529-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_80845	ADDYEQVK	AGAP000721-PA	-	41	0.000712618	2	967.436	-0.5	Head	X:+:13136436-13136459	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_82821	FYEHEVK	AGAP000721-PA	-	49	0.000153881	2	951.457	-0.39	Midgut	X:+:13136544-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_83385	PGYMFNIDGGYLEGLCR	AGAP000721-PA	N-Term(Acetyl), C16(Carbamidomethyl)	101	8.27E-10	1	2003.900	0.49	Malpighian tubule	X:+:13134123-13134173	exon=> In CDS Exon 1 of transcript AGAP000721-PA
JHU_Ag_84971	NIGGTTADVMCEILAFEADRR	AGAP000721-PA	C11(Carbamidomethyl)," M10(Oxidation), C11(Carbamidomethyl)"	85	4.66E-08	1	2339.120	3.42	Malpighian tubule	X:+:13135222-13135266,13136304-13136321	exon=> In CDS Exon 2 and 3 of transcript AGAP000721-PA
JHU_Ag_85548	ADDYEQVK	AGAP000721-PA	-	51	6.70E-05	2	967.438	1.64	Malpighian tubule	X:+:13136436-13136459	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_86747	AVAEYYAEYAALFDGSGNNPGDK	AGAP000721-PA	-	41	0.000830435	2	2422.090	2.76	Visceras	X:+:13136460-13136528	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_87948	AVAEYYAEYAALFDGSGNNPGDK	AGAP000721-PA	-	42	0.000657909	3	2422.084	0.36	Male reproductive organs	X:+:13136460-13136528	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_88759	AIIITINSFGTELSK	AGAP000721-PA	-	103	1.62E-10	2	1606.911	3.92	Malpighian tubule	X:+:13136322-13136366	exon=> In CDS Exon 3 of transcript AGAP000721-PA

JHU_Ag_91950	PGYMFNIDGGYLEGLCR	AGAP000721-PA	N-Term(Acetyl), N6(Deamidated), C16(Carbamidomethyl)	40	0.000989 25	2	2004.902	9.56	Malpighian tubule	X:+:13134123-13134173	exon=> In CDS Exon 1 of transcript AGAP000721-PA
JHU_Ag_94354	FYEHEVK	AGAP000721-PA	-	43	0.000624 767	2	951.453	-4.17	Head	X:+:13136544-13136564	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_95925	NIVWIAECVAQK	AGAP000721-PA	C8(Carbamidomethyl)	82	1.14E-07	2	1430.748	1.04	Pupa	X:+:13136646-13136681	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_96118	AIIITINSFGTELSKDDR	AGAP000721-PA	-	119	9.14E-12	1	1993.068	3.72	Malpighian tubule	X:+:13136322-13136375	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_96998	IDNYIPIF	AGAP000721-PA	-	40	0.001086 52	1	994.524	-0.33	Male reproductive organs	X:+:13136694-13136717	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_97466	NIGGTTADVMCEILAFEADRR	AGAP000721-PA	M10(Oxidation), C11(Carbamidomethyl)	51	9.07E-05	1	2355.111	1.8	Male reproductive organs	X:+:13135222-13135266,13136304-13136321	exon=> In CDS Exon 2 and 3 of transcript AGAP000721-PA
JHU_Ag_98265	MNPDGLAALAR	AGAP000721-PA	M1(Oxidation)	67	2.58E-06	2	1128.585	1.92	Head	X:+:13136403-13136435	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_99630	NIGGTTADVMCEILAFEADR	AGAP000721-PA	M10(Oxidation), C11(Carbamidomethyl)	43	0.000565 96	2	2199.014	3.95	Salivary gland	X:+:13135222-13135266,13136304-13136318	exon=> In CDS Exon 2 and 3 of transcript AGAP000721-PA
JHU_Ag_100155	AKIDNYIPIF	AGAP000721-PA	-	28	0.016048 105	2	1193.652	-3.57	Midgut	X:+:13136688-13136717	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_104543	PGYMFNIDGGYLEGLCR	AGAP000721-PA	C16(Carbamidomethyl)," M4(Oxidation), C16(Carbamidomethyl)"	135	3.62E-13	1	1977.891	3.85	Malpighian tubule	X:+:13134123-13134173	exon=> In CDS Exon 1 of transcript AGAP000721-PA
JHU_Ag_107257	LHLQGTDYGQFLANEPSPLAVSVIDDK	AGAP000721-PA	-	119	1.21E-11	1	2927.483	1.32	Midgut	X:+:13134766-13134846	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_107588	AIIITINSFGTELSK	AGAP000721-PA	-	102	1.88E-10	1	1606.908	1.95	Salivary gland	X:+:13136322-13136366	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_109675	NIVWIAECVAQK	AGAP000721-PA	C8(Carbamidomethyl)	91	1.30E-08	2	1430.739	-4.85	Midgut	X:+:13136646-13136681	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_109686	AVAEYYAEYAALFDGSGNNPGDK	AGAP000721-PA	-	157	2.34E-15	1	2422.093	3.84	Malpighian tubule	X:+:13136460-13136528	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_110890	EKLVIEFQHMR	AGAP000721-PA	M10(Oxidation)	47	0.000301 199	1	1445.758	0.92	Midgut	X:+:13134853-13134885	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_110995	AYLEAFYDFCK	AGAP000721-PA	C10(Carbamidomethyl)	81	8.22E-08	1	1426.639	3.09	Visceras	X:+:13135189-13135221	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_115883	LHLQGTDYGQFLANEPSPLAVSVIDDK LR	AGAP000721-PA	-	109	6.32E-11	1	3196.683	6.13	Salivary gland	X:+:13134766-13134852	exon=> In CDS Exon 2 of transcript AGAP000721-PA
JHU_Ag_116123	QADYLNLVQCETLEDLK	AGAP000721-PA	C10(Carbamidomethyl)	120	1.64E-11	1	2052.002	2.94	Malpighian tubule	X:+:13134198-13134240,13134758-13134765	exon=> In CDS Exon 1 and 2 of transcript AGAP000721-PA
JHU_Ag_117148	AVAEYYAEYAALFDGSGNNPGDK	AGAP000721-PA	-	55	3.71E-05	3	2422.088	1.8	Pupa	X:+:13136460-13136528	exon=> In CDS Exon 3 of transcript AGAP000721-PA
JHU_Ag_8486	ESEIQTEDEQSFLAR	AGAP000723-PA	-	76	3.25E-07	1	1781.827	4.73	Malpighian tubule	X:+:13149634-13149678	exon=> In CDS Exon 7 of transcript AGAP000723-PA
JHU_Ag_10344	IYGLPFR	AGAP000723-PA	-	39	0.000801 065	1	865.496	3.18	Malpighian tubule	X:+:13149284-13149304	exon=> In CDS Exon 5 of transcript AGAP000723-PA
JHU_Ag_10831	VSVLNGTGEPVSASDK	AGAP000723-PA	-	55	4.87E-05	2	1559.793	1.31	Ovary	X:+:13150127-13150174	exon=> In CDS Exon 8 of transcript AGAP000723-PA
JHU_Ag_14002	IYGLPFR	AGAP000723-PA	-	30	0.005713 143	1	865.493	0.29	Ovary	X:+:13149284-13149304	exon=> In CDS Exon 5 of transcript AGAP000723-PA
JHU_Ag_14411	ENLWSSILSEVQTQSNTK	AGAP000723-PA	-	82	9.33E-08	1	2064.031	3.31	Head	X:+:13142913-13142923,13146397-13146439	exon=> In CDS Exon 1 and 2 of transcript AGAP000723-PA

JHU_Ag_18226	MEILTQSQVHGLTTPTTAAR	AGAP000723-PA	N-Term(Acetyl), M1(Oxidation)	113	6.96E-11	1	2213.127	1.63	Malpighian tubule	X:+:13142832-13142891	exon=> In CDS Exon 1 of transcript AGAP000723-PA
JHU_Ag_19288	TDAALELDR	AGAP000723-PA	-	75	6.22E-07	2	1003.506	0.51	Malpighian tubule	X:+:13150187-13150213	exon=> In CDS Exon 8 of transcript AGAP000723-PA
JHU_Ag_26881	LTTEWQNYCETIDDLDPGSPIKR	AGAP000723-PA	C9(Carbamidomethyl)	131	1.09E-12	1	2751.307	5.18	Malpighian tubule	X:+:13148849-13148917	exon=> In CDS Exon 4 of transcript AGAP000723-PA
JHU_Ag_37744	LTTEWQNYCETIDDLDPGSPIKR	AGAP000723-PA	C9(Carbamidomethyl)	69	1.64E-06	1	2751.305	4.19	Head	X:+:13148849-13148917	exon=> In CDS Exon 4 of transcript AGAP000723-PA
JHU_Ag_37786	IYGLPFR	AGAP000723-PA	-	38	0.001068748	2	865.492	-1.26	Male reproductive organs	X:+:13149284-13149304	exon=> In CDS Exon 5 of transcript AGAP000723-PA
JHU_Ag_41745	LSVWILDGDPGHNNLLK	AGAP000723-PA	-	54	3.75E-05	1	1891.011	1.7	Ovary	X:+:13146659-13146709	exon=> In CDS Exon 3 of transcript AGAP000723-PA
JHU_Ag_42348	QQQLLQQGQSPAR	AGAP000723-PA	-	74	4.04E-07	1	1481.781	-0.54	Malpighian tubule	X:+:13149679-13149717	exon=> In CDS Exon 7 of transcript AGAP000723-PA
JHU_Ag_43116	ENLWSSILSEVQTQSNTKLPSNK	AGAP000723-PA	-	49	0.000128289	3	2603.344	4.8	Ovary	X:+:13142913-13142923,13146397-13146454	exon=> In CDS Exon 1 and 2 of transcript AGAP000723-PA
JHU_Ag_69571	VSVLNGTGEPVSASDK	AGAP000723-PA	-	95	5.80E-09	1	1559.796	2.95	Head	X:+:13150127-13150174	exon=> In CDS Exon 8 of transcript AGAP000723-PA
JHU_Ag_74081	LTTEWQNYCETIDDLDPGSPIKR	AGAP000723-PA	C9(Carbamidomethyl)	81	1.16E-07	1	2751.297	1.39	Ovary	X:+:13148849-13148917	exon=> In CDS Exon 4 of transcript AGAP000723-PA
JHU_Ag_74780	SVLVLGDNASGK	AGAP000723-PA	-	58	2.97E-05	2	1159.633	0.92	Malpighian tubule	X:+:13146455-13146490	exon=> In CDS Exon 2 of transcript AGAP000723-PA
JHU_Ag_78778	SVLVLGDNASGK	AGAP000723-PA	-	39	0.002441384	2	1159.633	1.45	Head	X:+:13146455-13146490	exon=> In CDS Exon 2 of transcript AGAP000723-PA
JHU_Ag_84671	LSVWILDGDPGHNNLLK	AGAP000723-PA	-	64	3.87E-06	1	1891.015	3.83	Malpighian tubule	X:+:13146659-13146709	exon=> In CDS Exon 3 of transcript AGAP000723-PA
JHU_Ag_84883	ESEIQTEDEQSFLAR	AGAP000723-PA	-	105	4.29E-10	2	1781.826	3.91	Head	X:+:13149634-13149678	exon=> In CDS Exon 7 of transcript AGAP000723-PA
JHU_Ag_87162	TPALVVEK	AGAP000723-PA	-	51	5.66E-05	1	856.513	-1.41	Ovary	X:+:13149305-13149328	exon=> In CDS Exon 5 of transcript AGAP000723-PA
JHU_Ag_95284	TPVAAGAQGSPK	AGAP000723-PA	-	69	8.87E-07	1	1083.578	-1.1	Malpighian tubule	X:+:13149772-13149807	exon=> In CDS Exon 7 of transcript AGAP000723-PA
JHU_Ag_106198	ESEIQTEDEQSFLAR	AGAP000723-PA	-	90	1.26E-08	2	1781.827	4.66	Ovary	X:+:13149634-13149678	exon=> In CDS Exon 7 of transcript AGAP000723-PA
JHU_Ag_106498	TPALVVEK	AGAP000723-PA	-	49	6.99E-05	2	856.514	0.16	Head	X:+:13149305-13149328	exon=> In CDS Exon 5 of transcript AGAP000723-PA
JHU_Ag_108220	QQQLLQQGQSPAR	AGAP000723-PA	-	69	1.14E-06	1	1481.787	3.33	Head	X:+:13149679-13149717	exon=> In CDS Exon 7 of transcript AGAP000723-PA
JHU_Ag_112689	TPALVVEK	AGAP000723-PA	-	37	0.00090634	2	856.514	0.23	Midgut	X:+:13149305-13149328	exon=> In CDS Exon 5 of transcript AGAP000723-PA
JHU_Ag_115610	SVSPGSAAAAAAAGGVAGTGSSPLSASSPVSSLSPR	AGAP000723-PA	-	42	0.000585766	3	3156.595	5.64	Malpighian tubule	X:+:13150016-13150126	exon=> In CDS Exon 8 of transcript AGAP000723-PA
JHU_Ag_116272	ENLWSSILSEVQTQSNTK	AGAP000723-PA	-	76	3.71E-07	2	2064.040	7.57	Ovary	X:+:13142913-13142923,13146397-13146439	exon=> In CDS Exon 1 and 2 of transcript AGAP000723-PA
JHU_Ag_117710	LSVWILDGDPGHNNLLK	AGAP000723-PA	-	59	1.26E-05	1	1891.015	4.03	Head	X:+:13146659-13146709	exon=> In CDS Exon 3 of transcript AGAP000723-PA
JHU_Ag_2058	LHSQLK	AGAP000726-PA	Q4(Deamidated)	34	0.000947415	1	726.413	-1.59	Ovary	X:-:13165750-13165733	exon=> In CDS Exon 4 of transcript AGAP000726-PA
JHU_Ag_13363	LHSQLK	AGAP000726-PA	Q4(Deamidated)	28	0.003922294	1	726.412	-3.44	Head	X:-:13165750-13165733	exon=> In CDS Exon 4 of transcript AGAP000726-PA

JHU_Ag_62529	RDYLR	AGAP000731-PA,AGAP010391-PA	-	35	0.004388871	2	722.384	-13.81	Visceras	X:-:13375761-13376169,13375517-13375642;3L:+:2587255-2587269	exon=> In CDS Exon 4 and 3 of transcript AGAP000731-PA;exon=> In CDS Exon 1 of transcript AGAP010391-PA
JHU_Ag_1086	TAAAASPAADSSNPTNPSTDAVPEEMR	AGAP000733-PA	M26(Oxidation)	60	1.08E-05	2	2674.195	2.07	Head	X:+:13412581-13412661	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_14831	IMEDDHLLSQYK	AGAP000733-PA	M2(Oxidation)	55	4.36E-05	1	1507.710	-0.1	Ovary	X:+:13412281-13412316	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_20886	KPPADEPAPEQK	AGAP000733-PA	-	56	4.37E-05	2	1306.659	-3.34	Head	X:+:13412353-13412388	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_21681	LHAESGLAYPVDR	AGAP000733-PA	-	48	0.00021326	2	1427.731	1.98	Ovary	X:+:13412218-13412256	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_27241	LALEICANIPDR	AGAP000733-PA	C6(Carbamidomethyl)	65	3.97E-06	1	1384.726	0.53	Malpighian tubule	X:+:13412892-13412927	exon=> In CDS Exon 2 of transcript AGAP000733-PA
JHU_Ag_27481	LHAESGLAYPVDR	AGAP000733-PA	-	68	2.21E-06	2	1427.732	2.75	Head	X:+:13412218-13412256	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_27977	LHAESGLAYPVDR	AGAP000733-PA	-	41	0.001131124	1	1427.729	1.13	Midgut	X:+:13412218-13412256	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_28643	KITLK	AGAP000733-PA	N-Term(Acetyl)	30	0.002057967	1	644.435	0.72	Salivary gland	X:+:13412131-13412145	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_30583	LTEMGYPEQSAR	AGAP000733-PA	M4(Oxidation)	49	0.000130157	1	1397.633	-2.25	Ovary	X:+:13412677-13412683,13412863-13412891	exon=> In CDS Exon 1 and 2 of transcript AGAP000733-PA
JHU_Ag_31950	MQASNPDLLNIIAEYQDEFLALINEGSNAGGQPAGQPMSR	AGAP000733-PA	M1(Oxidation), M38(Oxidation)	106	2.02E-10	1	4292.013	-2.52	Ovary	X:+:13413174-13413293	exon=> In CDS Exon 2 of transcript AGAP000733-PA
JHU_Ag_32741	IMEDDHLLSQYK	AGAP000733-PA	M2(Oxidation)	57	3.08E-05	1	1507.712	1.18	Malpighian tubule	X:+:13412281-13412316	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_41849	KITLK	AGAP000733-PA	N-Term(Acetyl)	33	0.001110295	1	644.434	-0.7	Pupa	X:+:13412131-13412145	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_41868	TAAAASPAADSSNPTNPSTDAVPEEMR	AGAP000733-PA	M26(Oxidation)	49	0.000116754	1	2674.195	1.76	Malpighian tubule	X:+:13412581-13412661	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_50539	KITLK	AGAP000733-PA	N-Term(Acetyl)	27	0.004703687	1	644.435	2.05	Malpighian tubule	X:+:13412131-13412145	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_52070	ILRDDPSMLPYLMR	AGAP000733-PA	M8(Oxidation), M13(Oxidation)	54	5.81E-05	1	1751.879	-1.63	Malpighian tubule	X:+:13413129-13413170	exon=> In CDS Exon 2 of transcript AGAP000733-PA
JHU_Ag_54760	LIYLGK	AGAP000733-PA	-	30	0.001759884	1	706.451	1.39	Ovary	X:+:13412263-13412280	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_60189	TAAAASPAADSSNPTNPSTDAVPEEMRINIQR	AGAP000733-PA	-	146	2.94E-14	1	3282.573	2.14	Malpighian tubule	X:+:13412581-13412676	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_62702	LTEMGYPEQSAR	AGAP000733-PA	M4(Oxidation)	67	1.99E-06	1	1397.638	0.63	Malpighian tubule	X:+:13412677-13412683,13412863-13412891	exon=> In CDS Exon 1 and 2 of transcript AGAP000733-PA
JHU_Ag_67234	KITLK	AGAP000733-PA	N-Term(Acetyl)	30	0.002020405	1	644.436	2.9	Head	X:+:13412131-13412145	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_79753	ESGDGKPADK	AGAP000733-PA	-	32	0.007068404	2	1003.472	3.31	Head	X:+:13412389-13412418	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_88008	KITLK	AGAP000733-PA	N-Term(Acetyl)	30	0.002406791	1	644.434	-0.32	Midgut	X:+:13412131-13412145	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_96823	KITLK	AGAP000733-PA	N-Term(Acetyl)	33	0.001036188	1	644.434	-0.13	Male reproductive organs	X:+:13412131-13412145	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_107688	DDPSMLPYLMR	AGAP000733-PA	M5(Oxidation), M10(Oxidation)	48	0.000158042	1	1369.609	-3.03	Ovary	X:+:13413138-13413170	exon=> In CDS Exon 2 of transcript AGAP000733-PA
JHU_Ag_108242	TAAAASPAADSSNPTNPSTDAVPEEMR	AGAP000733-PA	M26(Oxidation)	98	1.59E-09	1	2674.190	0.05	Ovary	X:+:13412581-13412661	exon=> In CDS Exon 1 of transcript AGAP000733-PA

JHU_Ag_114965	KITLK	AGAP000733-PA	N-Term(Acetyl)	29	0.002873 68	1	644.435	0.63	Visceras	X:+:13412131-13412145	exon=> In CDS Exon 1 of transcript AGAP000733-PA
JHU_Ag_24089	TAKDTLEAAITAQGDVVR	AGAP000735-PA	-	58	1.47E-05	1	1858.994	3.67	Ovary	X:-:13428167-13428114	exon=> In CDS Exon 1 of transcript AGAP000735-PA
JHU_Ag_2998	HGAETIDTPVFELK	AGAP000735-PB,AGAP000735-PA	-	91	1.10E-08	1	1556.799	1.89	Midgut	X:-:13426988-13426947;X:-:13426988-13426947	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_7472	TNETEVYVASAHK	AGAP000735-PB,AGAP000735-PA	-	78	2.84E-07	2	1448.700	-1.05	Midgut	X:-:13426028-13425990;X:-:13426028-13425990	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_9289	LLALKEQLK	AGAP000735-PB,AGAP000735-PA	-	28	0.001704 896	2	1055.683	0.98	Ovary	X:-:13427210-13427184;X:-:13427210-13427184	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_10952	EEEVALDTFIEELR	AGAP000735-PB,AGAP000735-PA	-	105	5.12E-10	2	1692.836	2.19	Head	X:-:13423745-13423704;X:-:13423745-13423704	exon=> In CDS Exon 3 of transcript AGAP000735-PB;exon=> In CDS Exon 3 of transcript AGAP000735-PA
JHU_Ag_14615	LIYDLKDQGGEILALR	AGAP000735-PB,AGAP000735-PA	-	37	0.000685 538	1	1817.019	1.05	Ovary	X:-:13426910-13426863;X:-:13426910-13426863	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_15803	HGAETIDTPVFELK	AGAP000735-PB,AGAP000735-PA	-	106	3.39E-10	1	1556.799	1.97	Head	X:-:13426988-13426947;X:-:13426988-13426947	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_16151	VSFDLSLAR	AGAP000735-PB,AGAP000735-PA	-	42	0.000758 412	1	1007.552	-0.14	Malpighian tubule	X:-:13426295-13426269;X:-:13426295-13426269	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_20622	IGQFVTLHGGTELIER	AGAP000735-PB,AGAP000735-PA	-	53	4.43E-05	1	1769.956	0.63	Pupa	X:-:13426448-13426401;X:-:13426448-13426401	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_20753	VSFDLSLAR	AGAP000735-PB,AGAP000735-PA	-	70	1.28E-06	2	1007.555	2.95	Salivary gland	X:-:13426295-13426269;X:-:13426295-13426269	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_23137	LFSILEAR	AGAP000735-PB,AGAP000735-PA	-	52	3.91E-05	2	948.552	0.17	Male reproductive organs	X:-:13426070-13426047;X:-:13426070-13426047	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_24233	VSFDLSLAR	AGAP000735-PB,AGAP000735-PA	-	53	6.26E-05	2	1007.551	-0.75	Pupa	X:-:13426295-13426269;X:-:13426295-13426269	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_24410	LAADETLR	AGAP000735-PB,AGAP000735-PA	-	44	0.001029 952	1	888.477	-1.25	Pupa	X:-:13426400-13426377;X:-:13426400-13426377	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_32042	HGAETIDTPVFELKEVLTGK	AGAP000735-PB,AGAP000735-PA	-	111	5.44E-11	1	2184.163	3.82	Ovary	X:-:13426988-13426929;X:-:13426988-13426929	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA

JHU_Ag_41841	LEILNK	AGAP000735-PB,AGAP000735-PA	N5(Deamidated)	39	0.001907279	2	730.436	1.66	Midgut	X:-:13425971-13425954;X:-:13425971-13425954	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_41990	QVPCVGVSIGVER	AGAP000735-PB,AGAP000735-PA	C4(Carbamidomethyl)	45	0.00035353	2	1399.738	1.55	Ovary	X:-:13426109-13426071;X:-:13426109-13426071	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_42411	KEEEVALDTFIEELR	AGAP000735-PB,AGAP000735-PA	-	73	7.40E-07	1	1820.925	-1.35	Ovary	X:-:13423748-13423704;X:-:13423748-13423704	exon=> In CDS Exon 3 of transcript AGAP000735-PB;exon=> In CDS Exon 3 of transcript AGAP000735-PA
JHU_Ag_46495	LFSILEAR	AGAP000735-PB,AGAP000735-PA	-	59	8.67E-06	2	948.553	2.16	Midgut	X:-:13426070-13426047;X:-:13426070-13426047	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_48453	HGAETIDTPVFELK	AGAP000735-PB,AGAP000735-PA	-	71	9.82E-07	1	1556.802	4.32	Ovary	X:-:13426988-13426947;X:-:13426988-13426947	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_50303	RHGAETIDTPVFELK	AGAP000735-PB,AGAP000735-PA	-	47	0.000211893	2	1712.905	4.9	Ovary	X:-:13426991-13426947;X:-:13426991-13426947	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_58723	LFSILEAR	AGAP000735-PB,AGAP000735-PA	-	51	4.31E-05	2	948.555	3.51	Salivary gland	X:-:13426070-13426047;X:-:13426070-13426047	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_62128	TNETEVYVASAHK	AGAP000735-PB,AGAP000735-PA	-	97	3.20E-09	2	1448.708	4.43	Ovary	X:-:13426028-13425990;X:-:13426028-13425990	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_65054	LLAQLQHCEEYQIPYAVILGDGELSR	AGAP000735-PB,AGAP000735-PA	C8(Carbamidomethyl)	43	0.000615288	1	3015.532	2.32	Ovary	X:-:13423859-13423782;X:-:13423859-13423782	exon=> In CDS Exon 3 of transcript AGAP000735-PB;exon=> In CDS Exon 3 of transcript AGAP000735-PA
JHU_Ag_65056	IGQFVTLHGGTELIER	AGAP000735-PB,AGAP000735-PA	-	119	1.26E-11	1	1769.956	0.63	Ovary	X:-:13426448-13426401;X:-:13426448-13426401	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_67102	LFSILEAR	AGAP000735-PB,AGAP000735-PA	-	53	3.18E-05	2	948.551	-0.8	Pupa	X:-:13426070-13426047;X:-:13426070-13426047	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_68710	LLDGIFEACGVPADK	AGAP000735-PB,AGAP000735-PA	C9(Carbamidomethyl)	39	0.001968376	2	1604.804	3.06	Ovary	X:-:13426601-13426557;X:-:13426601-13426557	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_71116	LLDGIFEACGVPADKFR	AGAP000735-PB,AGAP000735-PA	C9(Carbamidomethyl)	82	9.21E-08	1	1907.976	3.99	Ovary	X:-:13426601-13426551;X:-:13426601-13426551	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_74657	YDNLVGMFNPK	AGAP000735-PB,AGAP000735-PA	M7(Oxidation)	42	0.000728383	2	1313.618	-1.36	Midgut	X:-:13426148-13426116;X:-:13426148-13426116	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA

JHU_Ag_76057	VLDQVVR	AGAP000735-PB,AGAP000735-PA	-	41	0.000835612	2	828.494	0.3	Ovary	X:-:13427021-13427001;X:-:13427021-13427001	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_76372	VVCEILAEVGVGDFVVK	AGAP000735-PB,AGAP000735-PA	C3(Carbamidomethyl)	52	6.53E-05	1	1832.992	5	Malpighian tubule	X:-:13426667-13426617;X:-:13426667-13426617	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_82916	TNETEVYVASAHK	AGAP000735-PB,AGAP000735-PA	-	94	6.17E-09	2	1448.702	0.47	Head	X:-:13426028-13425990;X:-:13426028-13425990	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_83520	DYGPEAMALR	AGAP000735-PB,AGAP000735-PA	-	44	0.000579353	2	1122.525	-0.27	Midgut	X:-:13427057-13427028;X:-:13427057-13427028	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_83813	VSFDLSLAR	AGAP000735-PB,AGAP000735-PA	-	48	0.00018863	2	1007.553	0.58	Midgut	X:-:13426295-13426269;X:-:13426295-13426269	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_87442	YDNLVGMFNPK	AGAP000735-PB,AGAP000735-PA	M7(Oxidation)	39	0.001644005	2	1313.623	3.01	Ovary	X:-:13426148-13426116;X:-:13426148-13426116	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_87965	VSFDLSLAR	AGAP000735-PB,AGAP000735-PA	-	67	2.66E-06	2	1007.554	2.1	Ovary	X:-:13426295-13426269;X:-:13426295-13426269	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_90173	TNETEVYVASAHK	AGAP000735-PB,AGAP000735-PA	-	81	1.24E-07	1	1448.701	-0.38	Pupa	X:-:13426028-13425990;X:-:13426028-13425990	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_110833	KEEEVALDTFIEELR	AGAP000735-PB,AGAP000735-PA	-	73	7.41E-07	1	1820.932	2.57	Malpighian tubule	X:-:13423748-13423704;X:-:13423748-13423704	exon=> In CDS Exon 3 of transcript AGAP000735-PB;exon=> In CDS Exon 3 of transcript AGAP000735-PA
JHU_Ag_111236	LFSILEAR	AGAP000735-PB,AGAP000735-PA	-	60	6.23E-06	2	948.553	1.39	Ovary	X:-:13426070-13426047;X:-:13426070-13426047	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_114531	DQGGEILALR	AGAP000735-PB,AGAP000735-PA	Q2(Deamidated)	42	0.000681438	1	1072.556	-6.81	Pupa	X:-:13426892-13426863;X:-:13426892-13426863	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_116372	GLSEEAVGR	AGAP000735-PB,AGAP000735-PA	-	51	0.000151481	2	917.468	-0.34	Pupa	X:-:13426475-13426449;X:-:13426475-13426449	exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_10588	LLTLQQFLQVFR	AGAP000736-PA	-	35	0.000496972	2	1505.892	5.62	Salivary gland	X:+:13432717-13432752	exon=> In CDS Exon 2 of transcript AGAP000736-PA
JHU_Ag_30986	ILPADAVDSLQFEIK	AGAP000736-PA	-	56	2.26E-05	1	1658.907	4.28	Head	X:+:13432364-13432408	exon=> In CDS Exon 1 of transcript AGAP000736-PA
JHU_Ag_66045	VDGAGPSAAAAGAARPPPESPAR	AGAP000736-PA	-	70	1.36E-06	1	2073.053	2.59	Head	X:+:13432885-13432953	exon=> In CDS Exon 2 of transcript AGAP000736-PA
JHU_Ag_94045	VDGAGPSAAAAGAARPPPESPAR	AGAP000736-PA	-	62	9.39E-06	1	2073.049	0.74	Malpighian tubule	X:+:13432885-13432953	exon=> In CDS Exon 2 of transcript AGAP000736-PA

JHU_Ag_27210	LANLLGQLELLK	AGAP000738-PA	-	64	1.76E-07	2	1324.827	5.3	Head	X:-:13458370-13458335	exon=> In CDS Exon 2 of transcript AGAP000738-PA
JHU_Ag_43511	LANLLGQLELLK	AGAP000738-PA	-	90	8.40E-10	1	1324.819	-1.06	Ovary	X:-:13458370-13458335	exon=> In CDS Exon 2 of transcript AGAP000738-PA
JHU_Ag_53619	LANLLGQLELLK	AGAP000738-PA	Q7(Deamidated),N3(Deamidated)	39	0.000356 75	1	1325.794	-7.32	Malpighian tubule	X:-:13458370-13458335	exon=> In CDS Exon 2 of transcript AGAP000738-PA
JHU_Ag_55962	LANLLGQLELLK	AGAP000738-PA	Q7(Deamidated),N3(Deamidated)	39	0.000367 997	1	1325.791	-9.99	Salivary gland	X:-:13458370-13458335	exon=> In CDS Exon 2 of transcript AGAP000738-PA
JHU_Ag_1710	HPELENIPNLHVIK	AGAP000739-PA	-	112	3.43E-11	1	1652.917	3.3	Malpighian tubule	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_4916	MQQAAPADK	AGAP000739-PA	-	37	0.001274 996	1	959.461	-0.84	Malpighian tubule	X:-:13489780-13489754	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_5148	GDVGVGAGELEYR	AGAP000739-PA	-	80	1.55E-07	1	1321.638	-0.27	Visceras	X:-:13489750-13490155,13489601-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_6993	TQAGPRPEGPK	AGAP000739-PA	-	45	0.000421 257	1	1137.601	-0.36	Male reproductive organs	X:-:13489843-13489811	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_7048	HYYWYLTNEGIEYLR	AGAP000739-PA	-	110	1.72E-10	1	2019.952	-3.9	Midgut	X:-:13489966-13489922	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_10600	AFLHLPSEIVPSTLKR	AGAP000739-PA	-	95	4.32E-10	1	1808.045	1.23	Ovary	X:-:13489921-13489874	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_11696	TQAGPRPEGPK	AGAP000739-PA	-	51	8.81E-05	2	1137.604	2.43	Visceras	X:-:13489843-13489811	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_15020	EGVLVAQK	AGAP000739-PA	-	70	1.27E-06	2	843.493	-0.4	Head	X:-:13490104-13490081	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_19720	AFLHLPSEIVPSTLKR	AGAP000739-PA	-	85	4.92E-09	1	1808.046	1.43	Malpighian tubule	X:-:13489921-13489874	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_20149	AFLHLPSEIVPSTLKR	AGAP000739-PA	-	81	1.19E-08	1	1808.043	0.02	Salivary gland	X:-:13489921-13489874	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_20517	MQQAAPADK	AGAP000739-PA	-	57	1.14E-05	2	959.462	0.62	Head	X:-:13489780-13489754	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_20968	VAIYEYLFK	AGAP000739-PA	-	48	0.000237 612	1	1145.625	1	Ovary	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_24450	AFLHLPSEIVPSTLK	AGAP000739-PA	-	124	1.25E-12	1	1651.939	-1.56	Midgut	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_34481	HPELENIPNLHVIK	AGAP000739-PA	-	69	7.54E-07	1	1652.914	1.2	Pupa	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_35206	HPELENIPNLHVIK	AGAP000739-PA	-	66	1.47E-06	1	1652.914	1.2	Visceras	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_37896	NFVKEQFAWR	AGAP000739-PA	-	64	5.46E-06	1	1324.679	-0.37	Midgut	X:-:13489996-13489967	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_38451	TQAGPRPEGPKTGEDR	AGAP000739-PA	-	70	1.51E-06	1	1695.842	0.86	Malpighian tubule	X:-:13489843-13489796	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_42790	EGVLVAQKDFYAPK	AGAP000739-PA	-	38	0.001436 552	1	1564.840	1.98	Malpighian tubule	X:-:13490104-13490063	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_44421	KGDVGVGAGELEYR	AGAP000739-PA	-	90	1.56E-08	2	1449.737	2.79	Visceras	X:-:13489753-13490155,13489601-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_46808	EGVLVAQK	AGAP000739-PA	-	52	7.77E-05	1	843.493	-0.89	Male reproductive organs	X:-:13490104-13490081	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_48838	HPELENIPNLHVIK	AGAP000739-PA	-	56	1.53E-05	1	1652.906	-3.34	Midgut	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_49576	DFYAPK	AGAP000739-PA	-	35	0.001726 996	2	740.364	3.28	Malpighian tubule	X:-:13490080-13490063	exon=> In CDS Exon 1 of transcript AGAP000739-PA

JHU_Ag_50420	GDVGVGAGELEYR	AGAP000739-PA	-	103	6.85E-10	1	1321.639	0.29	Male reproductive organs	X:-:13489750-13490155,134896 01-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_50931	KGDVGVGAGELEYR	AGAP000739-PA	-	124	6.87E-12	1	1449.732	-0.58	Head	X:-:13489753-13490155,134896 01-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_55145	EGVLVAQK	AGAP000739-PA	-	50	0.000119 582	2	843.493	-0.91	Ovary	X:-:13490104-13490081	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_56173	TQAGPRPEGPK	AGAP000739-PA	-	55	3.92E-05	2	1137.603	1.57	Ovary	X:-:13489843-13489811	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_56274	VAIYEYLFK	AGAP000739-PA	-	52	8.49E-05	2	1145.625	0.78	Malpighian tubule	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_59280	DFYAPK	AGAP000739-PA	-	34	0.002319 68	1	740.361	0	Midgut	X:-:13490080-13490063	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_61132	AFLHLPSEIVPSTLK	AGAP000739-PA	-	77	5.35E-08	1	1651.948	3.76	Male reproductive organs	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_64158	AFLHLPSEIVPSTLK	AGAP000739-PA	-	36	0.000769 41	1	1651.950	4.86	Larva	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_65067	AFLHLPSEIVPSTLK	AGAP000739-PA	-	49	3.88E-05	1	1651.943	0.43	Salivary gland	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_65840	GDVGVGAGELEYR	AGAP000739-PA	-	108	2.24E-10	1	1321.636	-1.56	Ovary	X:-:13489750-13490155,134896 01-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_69353	VAIYEYLFK	AGAP000739-PA	-	63	6.25E-06	2	1145.628	3.13	Male reproductive organs	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_70903	VAIYEYLFK	AGAP000739-PA	-	42	0.000883 3	1	1145.625	1.1	Salivary gland	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_71922	GDVGVGAGELEYR	AGAP000739-PA	-	65	4.71E-06	2	1321.638	-0.45	Salivary gland	X:-:13489750-13490155,134896 01-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_71970	HYYWYLTNEGIEYLR	AGAP000739-PA	-	69	2.43E-06	1	2019.962	1.1	Salivary gland	X:-:13489966-13489922	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_72386	VAIYEYLFK	AGAP000739-PA	-	40	0.001335 736	1	1145.627	2.27	Head	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_72879	KGDVGVGAGELEYR	AGAP000739-PA	-	106	3.75E-10	1	1449.733	0.01	Male reproductive organs	X:-:13489753-13490155,134896 01-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_73847	HYYWYLTNEGIEYLR	AGAP000739-PA	-	98	2.37E-09	1	2019.967	3.65	Malpighian tubule	X:-:13489966-13489922	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_75938	HPELENIPNLHVIK	AGAP000739-PA	-	66	1.48E-06	1	1652.912	0.31	Head	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_76737	VAIYEYLFK	AGAP000739-PA	-	38	0.002320 461	2	1145.629	4.62	Larva	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_78956	KGDVGVGAGELEYR	AGAP000739-PA	-	58	2.79E-05	3	1449.734	0.44	Salivary gland	X:-:13489753-13490155,134896 01-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_83647	AFLHLPSEIVPSTLKR	AGAP000739-PA	-	90	1.71E-09	1	1808.042	-0.73	Male reproductive organs	X:-:13489921-13489874	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_85683	AFLHLPSEIVPSTLK	AGAP000739-PA	-	93	1.40E-09	1	1651.945	1.61	Ovary	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_86622	AFLHLPSEIVPSTLK	AGAP000739-PA	-	80	2.74E-08	1	1651.945	2.2	Malpighian tubule	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_87330	TQAGPRPEGPK	AGAP000739-PA	-	55	3.51E-05	2	1137.600	-0.68	Malpighian tubule	X:-:13489843-13489811	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_88083	TQAGPRPEGPK	AGAP000739-PA	-	41	0.001015 415	2	1137.596	-4.54	Head	X:-:13489843-13489811	exon=> In CDS Exon 1 of transcript AGAP000739-PA

JHU_Ag_88666	AFLHLPSEIVPSTLK	AGAP000739-PA	-	75	9.03E-08	1	1651.943	0.8	Head	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_91871	HYYWYLTNEGIEYLR	AGAP000739-PA	-	84	6.95E-08	1	2019.969	4.43	Head	X:-:13489966-13489922	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_92364	HYYWYLTNEGIEYLR	AGAP000739-PA	-	41	0.001420412	1	2019.965	2.65	Pupa	X:-:13489966-13489922	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_93071	EGVLVAQK	AGAP000739-PA	-	50	0.000120134	1	843.494	0.99	Midgut	X:-:13490104-13490081	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_94559	AFLHLPSEIVPSTLK	AGAP000739-PA	-	67	4.63E-07	1	1651.947	3.31	Pupa	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_100683	HPELENIPNLHVIK	AGAP000739-PA	-	83	2.71E-08	1	1652.911	-0.68	Salivary gland	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_100791	HPELENIPNLHVIK	AGAP000739-PA	-	34	0.002256284	1	1652.918	3.75	Larva	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_102986	HYYWYLTNEGIEYLR	AGAP000739-PA	-	120	1.80E-11	1	2019.963	1.53	Ovary	X:-:13489966-13489922	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_104645	VAIYEYLFK	AGAP000739-PA	-	42	0.000935121	2	1145.624	0.14	Visceras	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_106063	AFLHLPSEIVPSTLK	AGAP000739-PA	-	43	0.000130067	1	1651.947	3.31	Visceras	X:-:13489921-13489877	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_106834	VAIYEYLFK	AGAP000739-PA	-	42	0.000906183	2	1145.623	-0.6	Midgut	X:-:13490131-13490105	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_107260	VAIYEYLFKEGVLVAQK	AGAP000739-PA	-	65	7.93E-07	1	1970.109	4.75	Malpighian tubule	X:-:13490131-13490081	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_108286	KGDVGVGAGELEYR	AGAP000739-PA	-	103	7.61E-10	1	1449.735	0.85	Malpighian tubule	X:-:13489753-13490155,13489601-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_108501	KGDVGVGAGELEYR	AGAP000739-PA	-	87	3.50E-08	1	1449.735	1.27	Ovary	X:-:13489753-13490155,13489601-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_108514	KGDVGVGAGELEYR	AGAP000739-PA	-	89	2.27E-08	2	1449.735	1.36	Midgut	X:-:13489753-13490155,13489601-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_108770	GDVGVGAGELEYR	AGAP000739-PA	-	78	2.42E-07	1	1321.637	-1.01	Head	X:-:13489750-13490155,13489601-13489631	exon=> In CDS Exon 2 and 1 of transcript AGAP000739-PA
JHU_Ag_109566	HYYWYLTNEGIEYLR	AGAP000739-PA	-	75	5.73E-07	1	2019.972	5.82	Visceras	X:-:13489966-13489922	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_110373	AFLHLPSEIVPSTLKR	AGAP000739-PA	-	32	0.001007785	1	1808.045	1.17	Visceras	X:-:13489921-13489874	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_111743	ARTQAGPRPEGPK	AGAP000739-PA	-	47	0.000190122	1	1364.741	1.02	Malpighian tubule	X:-:13489849-13489811	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_112638	HPELENIPNLHVIK	AGAP000739-PA	N6(Deamidated),N9(Deamidated)	125	1.87E-12	1	1652.915	1.75	Ovary	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_113894	DFYAPK	AGAP000739-PA	-	34	0.002184195	1	740.362	0.9	Head	X:-:13490080-13490063	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_117769	HPELENIPNLHVIK	AGAP000739-PA	-	68	8.48E-07	1	1652.913	0.58	Male reproductive organs	X:-:13490062-13490021	exon=> In CDS Exon 1 of transcript AGAP000739-PA
JHU_Ag_74676	AGVPVDDNANAYCTVPGRPDSYAETLAGAVTR	AGAP000743-PB	C13(Carbamidomethyl)	154	4.77E-15	1	3307.572	2.28	Head	X:+:13594469-13594564	exon=> In CDS Exon 1 of transcript AGAP000743-PB
JHU_Ag_15448	VSPLPTQPTLAPTTYRPTSSPSTR	AGAP000745-PA	-	89	7.75E-09	1	2555.352	2	Head	X:-:13657629-13657558	exon=> In CDS Exon 1 of transcript AGAP000745-PA
JHU_Ag_20110	ADQQQYQRPAAK	AGAP000745-PA	-	39	0.002639717	1	1403.705	1.68	Head	X:-:13658373-13658338	exon=> In CDS Exon 1 of transcript AGAP000745-PA
JHU_Ag_61477	VTVGGPPMHR	AGAP000745-PA	M8(Oxidation)	62	8.94E-06	1	1066.549	2.08	Head	X:-:13656987-13656958	exon=> In CDS Exon 1 of transcript AGAP000745-PA

JHU_Ag_72193	APPVQTIR	AGAP000745-PA	-	27	0.005703612	2	881.522	1.46	Head	X:-:13658280-13658257	exon=> In CDS Exon 1 of transcript AGAP000745-PA
JHU_Ag_80864	RPVPVARPTPAAPVR	AGAP000745-PA	-	53	8.64E-06	1	1583.950	0.52	Head	X:-:13657983-13657939	exon=> In CDS Exon 1 of transcript AGAP000745-PA
JHU_Ag_112946	VNDDGSFTFGYEAADGSFKEETR	AGAP000745-PA	-	60	1.04E-05	1	2542.108	3.11	Pupa	X:-:13658244-13658176	exon=> In CDS Exon 1 of transcript AGAP000745-PA
JHU_Ag_113464	RPVPVARPTPAAPVR	AGAP000745-PA	-	60	1.74E-06	1	1583.950	0.28	Pupa	X:-:13657983-13657939	exon=> In CDS Exon 1 of transcript AGAP000745-PA
JHU_Ag_930	TDTLEQAIAQLK	AGAP000747-PC,AGAP000747-PA,AGAP000747-PB	-	66	3.81E-06	2	1330.722	0.48	Male reproductive organs	X:+:13697000-13697035;X:+:13697000-13697035;X:+:13697000-13697035	exon=> In CDS Exon 3 of transcript AGAP000747-PC;exon=> In CDS Exon 4 of transcript AGAP000747-PA;exon=> In CDS Exon 5 of transcript AGAP000747-PB
JHU_Ag_68316	AVLQSGAFAR	AGAP000747-PC,AGAP000747-PA,AGAP000747-PB	-	44	0.000459096	2	1019.567	3.8	Male reproductive organs	X:+:13697675-13697704;X:+:13697675-13697704;X:+:13697675-13697704	exon=> In CDS Exon 3 of transcript AGAP000747-PC;exon=> In CDS Exon 4 of transcript AGAP000747-PA;exon=> In CDS Exon 5 of transcript AGAP000747-PB
JHU_Ag_105689	LAEWLQAQGIK	AGAP000747-PC,AGAP000747-PA,AGAP000747-PB	-	45	0.000327548	2	1256.703	2.38	Male reproductive organs	X:+:13697987-13698019;X:+:13697987-13698019;X:+:13697987-13698019	exon=> In CDS Exon 3 of transcript AGAP000747-PC;exon=> In CDS Exon 4 of transcript AGAP000747-PA;exon=> In CDS Exon 5 of transcript AGAP000747-PB
JHU_Ag_5137	GATQAGLNFGATR	AGAP000748-PA	-	59	2.21E-05	2	1263.645	0.39	Head	X:-:13700596-13700558	exon=> In CDS Exon 4 of transcript AGAP000748-PA
JHU_Ag_15390	AGEGLIGLQAGSNK	AGAP000748-PA	-	76	3.70E-07	2	1314.701	-0.14	Head	X:-:13700638-13700597	exon=> In CDS Exon 4 of transcript AGAP000748-PA
JHU_Ag_52552	YGVADVDLFQTTDLWDRK	AGAP000748-PA	-	46	0.000390405	1	2142.064	6.34	Midgut	X:-:13700921-13700868	exon=> In CDS Exon 3 of transcript AGAP000748-PA
JHU_Ag_89339	AGEGLIGLQAGSNK	AGAP000748-PA	-	54	5.14E-05	2	1314.701	-0.51	Male reproductive organs	X:-:13700638-13700597	exon=> In CDS Exon 4 of transcript AGAP000748-PA
JHU_Ag_3691	YGVPEEEIFQTADLFER	AGAP000749-PA	-	127	2.99E-12	1	2042.970	-0.37	Ovary	X:+:13713772-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_3704	ITQKHPEYNGPTLGPK	AGAP000749-PA	-	71	8.96E-07	1	1779.943	2.41	Malpighian tubule	X:+:13713868-13713870,13713944-13713988	exon=> In CDS Exon 2 and 3 of transcript AGAP000749-PA
JHU_Ag_4284	RNIPQVTLCLYSLGR	AGAP000749-PA	C9(Carbamidomethyl)	88	8.33E-09	1	1789.984	5.63	Malpighian tubule	X:+:13713823-13713867	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_9523	LPPGPYEDVLK	AGAP000749-PA	-	40	0.001225231	2	1227.662	0.01	Midgut	X:+:13713613-13713645	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_9599	GTNFQLMENIQR	AGAP000749-PA	M7(Oxidation)	61	1.15E-05	2	1466.704	-1.14	Male reproductive organs	X:+:13713715-13713750	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_18081	NIPQVTLCLYSLGR	AGAP000749-PA	C8(Carbamidomethyl)	77	2.34E-07	1	1633.875	0.9	Ovary	X:+:13713826-13713867	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_18675	KYGVPEEEIFQTADLFER	AGAP000749-PA	-	92	9.22E-09	1	2171.064	-0.63	Head	X:+:13713769-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_23872	GASQAGQGSFGNTR	AGAP000749-PA	-	89	1.43E-08	1	1337.621	1.44	Visceras	X:+:13714076-13714117	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_26289	FQAAIK	AGAP000749-PA	-	40	0.000592026	1	677.399	0.56	Malpighian tubule	X:+:13713751-13713768	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_31823	KYGVPEEEIFQTADLFER	AGAP000749-PA	-	86	3.93E-08	2	2171.077	5.44	Malpighian tubule	X:+:13713769-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_31865	FQAAIK	AGAP000749-PA	-	40	0.000620217	1	677.397	-1.79	Head	X:+:13713751-13713768	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_32111	DGVVLCK	AGAP000749-PA	C6(Carbamidomethyl)	40	0.001716638	1	790.416	4.38	Visceras	X:+:13713646-13713666	exon=> In CDS Exon 2 of transcript AGAP000749-PA

JHU_Ag_32209	NFSEEQLR	AGAP000749-PA	-	57	2.85E-05	1	1022.491	0.76	Malpighian tubule	X:+:13714010-13714033	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_34558	YGVPEEEIFQTADLFER	AGAP000749-PA	-	119	1.79E-11	1	2042.973	1.24	Visceras	X:+:13713772-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_35141	YGVPEEEIFQTADLFER	AGAP000749-PA	-	122	7.76E-12	1	2042.975	2.32	Head	X:+:13713772-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_35148	AHHGELNLQMGFNK	AGAP000749-PA	Q9(Deamidated), M10(Oxidation),M10(Oxidation)	104	5.25E-10	1	1611.769	-0.38	Head	X:+:13714034-13714075	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_35725	NFSEEQLRAHHGELNLQMGFNK	AGAP000749-PA	M18(Oxidation)	100	1.39E-09	1	2615.239	-1.24	Malpighian tubule	X:+:13714010-13714075	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_37416	DGVVLCK	AGAP000749-PA	C6(Carbamidomethyl)	42	0.001193311	2	790.412	-0.73	Head	X:+:13713646-13713666	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_38498	NKEQEAEVLQWISDVLGEK	AGAP000749-PA	-	129	1.98E-12	1	2215.126	0.76	Ovary	X:+:13713556-13713612	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_39138	NIPQVTLCLYSLGR	AGAP000749-PA	C8(Carbamidomethyl)	79	1.30E-07	2	1633.876	1.57	Head	X:+:13713826-13713867	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_41285	NIPQVTLCLYSLGR	AGAP000749-PA	C8(Carbamidomethyl)	86	3.01E-08	1	1633.883	5.98	Malpighian tubule	X:+:13713826-13713867	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_44951	HPEYNGPTLGPK	AGAP000749-PA	-	51	0.000115455	1	1309.654	0.22	Visceras	X:+:13713953-13713988	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_46542	FQAAIKK	AGAP000749-PA	-	34	0.001751681	1	805.494	1.38	Malpighian tubule	X:+:13713751-13713771	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_48588	LPPGPYEDVLKDGVVLCK	AGAP000749-PA	C17(Carbamidomethyl)	90	1.12E-08	2	1999.061	2.12	Visceras	X:+:13713613-13713666	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_49945	YGVPEEEIFQTADLFERR	AGAP000749-PA	-	92	1.01E-08	1	2199.083	4.9	Malpighian tubule	X:+:13713772-13713825	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_54595	HPEYNGPTLGPK	AGAP000749-PA	N5(Deamidated)	58	2.42E-05	1	1309.652	-1.18	Ovary	X:+:13713953-13713988	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_57728	GTNFQLMENIQR	AGAP000749-PA	M7(Oxidation)	59	1.54E-05	2	1466.708	1.6	Larva	X:+:13713715-13713750	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_61101	KYGVPEEEIFQTADLFER	AGAP000749-PA	-	87	3.01E-08	1	2171.080	6.48	Midgut	X:+:13713769-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_62893	EQEAEVLQWISDVLGEK	AGAP000749-PA	-	101	1.48E-09	2	1972.987	0.4	Midgut	X:+:13713562-13713612	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_64454	GTNFQLMENIQR	AGAP000749-PA	N3(Deamidated),M7(Oxidation)	87	3.09E-08	2	1450.710	-0.29	Head	X:+:13713715-13713750	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_67917	AHHGELNLQMGFNK	AGAP000749-PA	M10(Oxidation)	70	1.68E-06	1	1611.774	2.42	Malpighian tubule	X:+:13714034-13714075	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_71236	GTNFQLMENIQR	AGAP000749-PA	M7(Oxidation)	71	1.39E-06	2	1450.712	0.98	Midgut	X:+:13713715-13713750	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_71643	KYGVPEEEIFQTADLFER	AGAP000749-PA	-	111	1.02E-10	1	2171.081	6.91	Ovary	X:+:13713769-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_73438	NFSEEQLR	AGAP000749-PA	-	52	8.45E-05	1	1022.491	0.39	Ovary	X:+:13714010-13714033	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_74097	YGVPEEEIFQTADLFER	AGAP000749-PA	-	121	1.08E-11	1	2042.979	4.05	Larva	X:+:13713772-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_75105	LPPGPYEDVLKDGVVLCK	AGAP000749-PA	C17(Carbamidomethyl)	44	0.000409564	1	1999.059	0.86	Head	X:+:13713613-13713666	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_82584	GTNFQLMENIQR	AGAP000749-PA	M7(Oxidation)	94	5.58E-09	1	1466.705	-0.31	Ovary	X:+:13713715-13713750	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_83783	NFSEEQLR	AGAP000749-PA	-	50	0.000145505	2	1022.491	0.92	Head	X:+:13714010-13714033	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_84739	HPEYNGPTLGPK	AGAP000749-PA	N5(Deamidated)	64	6.21E-06	1	1309.652	-1.18	Head	X:+:13713953-13713988	exon=> In CDS Exon 3 of transcript AGAP000749-PA

JHU_Ag_87220	RNIPQVTLCLYSLGR	AGAP000749-PA	C9(Carbamidomethyl)	40	0.000536244	2	1789.977	1.34	Head	X:+:13713823-13713867	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_91607	AHHGELNLQMGFNK	AGAP000749-PA	M10(Oxidation)	86	3.59E-08	1	1611.773	2.19	Ovary	X:+:13714034-13714075	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_92239	EQEAEVLQWISDVLGEK	AGAP000749-PA	-	121	1.57E-11	1	1972.990	2.07	Ovary	X:+:13713562-13713612	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_96418	GASQAGQGSFGNTR	AGAP000749-PA	-	84	5.60E-08	2	1337.619	-0.29	Head	X:+:13714076-13714117	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_99767	GASQAGQGSFGNTR	AGAP000749-PA	-	101	1.01E-09	1	1337.620	0.81	Malpighian tubule	X:+:13714076-13714117	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_99842	LPPGPYEDVLK	AGAP000749-PA	-	52	6.87E-05	2	1227.664	1.3	Head	X:+:13713613-13713645	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_103299	GTNFQLMENIQR	AGAP000749-PA	M7(Oxidation)	98	2.37E-09	1	1466.709	2.18	Malpighian tubule	X:+:13713715-13713750	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_104727	LPPGPYEDVLK	AGAP000749-PA	-	60	9.91E-06	1	1227.663	0.51	Ovary	X:+:13713613-13713645	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_106826	KYGVPEEEIFQTADLFER	AGAP000749-PA	-	52	9.15E-05	1	2171.065	-0.1	Visceras	X:+:13713769-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_110676	YGVPEEEIFQTADLFER	AGAP000749-PA	-	133	6.31E-13	1	2042.971	0.23	Midgut	X:+:13713772-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_113428	YGVPEEEIFQTADLFER	AGAP000749-PA	-	123	7.17E-12	1	2042.980	4.41	Malpighian tubule	X:+:13713772-13713822	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_114421	LPPGPYEDVLKDGVVLCK	AGAP000749-PA	C17(Carbamidomethyl)	63	5.69E-06	1	1999.058	0.49	Ovary	X:+:13713613-13713666	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_114538	NIPQVTLCLYSLGR	AGAP000749-PA	C8(Carbamidomethyl)	102	7.00E-10	1	1633.880	4.11	Visceras	X:+:13713826-13713867	exon=> In CDS Exon 2 of transcript AGAP000749-PA
JHU_Ag_115615	GASQAGQGSFGNTR	AGAP000749-PA	-	90	1.33E-08	1	1337.619	-0.02	Ovary	X:+:13714076-13714117	exon=> In CDS Exon 3 of transcript AGAP000749-PA
JHU_Ag_101983	FDQPDFVDCSTESVQGLFDK	AGAP000750-PA	C9(Carbamidomethyl)	105	2.58E-10	2	2334.024	0.24	Head	X:+:13719755-13719814	exon=> In CDS Exon 2 of transcript AGAP000750-PA
JHU_Ag_111020	VLEDSTNQYLNDNWRPVSEALKPIIAK	AGAP000750-PA	-	121	5.78E-12	1	3113.624	-1.03	Head	X:+:13721478-13721558	exon=> In CDS Exon 5 of transcript AGAP000750-PA
JHU_Ag_5294	IAENKFHESEGLPVCSK	AGAP000755-PA	C15(Carbamidomethyl)	132	1.13E-12	1	1944.952	1.72	Malpighian tubule	X:+:13750745-13750795	exon=> In CDS Exon 2 of transcript AGAP000755-PA
JHU_Ag_11038	LCKEPIGADAK	AGAP000755-PA	C2(Carbamidomethyl)	42	0.000806066	2	1201.624	-0.34	Malpighian tubule	X:+:13752018-13752050	exon=> In CDS Exon 4 of transcript AGAP000755-PA
JHU_Ag_19057	TWHLEHFICGGPCK	AGAP000755-PA	C9(Carbamidomethyl), C13(Carbamidomethyl)	88	1.99E-08	1	1741.804	6.13	Ovary	X:+:13751464-13751505	exon=> In CDS Exon 3 of transcript AGAP000755-PA
JHU_Ag_27489	VQAICAACR	AGAP000755-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	44	0.000639052	2	1048.504	1.2	Visceras	X:+:13750811-13750837	exon=> In CDS Exon 2 of transcript AGAP000755-PA
JHU_Ag_43703	TWHLEHFICGGPCK	AGAP000755-PA	C9(Carbamidomethyl), C13(Carbamidomethyl)	35	0.004510968	1	1741.803	5.28	Midgut	X:+:13751464-13751505	exon=> In CDS Exon 3 of transcript AGAP000755-PA
JHU_Ag_52782	NGKPYCTADYER	AGAP000755-PA	C6(Carbamidomethyl),"N1 (Deamidated), C6(Carbamidomethyl)"	72	3.31E-07	1	1474.629	1.49	Malpighian tubule	X:+:13751539-13751574	exon=> In CDS Exon 3 of transcript AGAP000755-PA
JHU_Ag_59239	ALSALESK	AGAP000755-PA	-	48	0.000263278	2	818.462	0.51	Visceras	X:+:13751623-13751646	exon=> In CDS Exon 3 of transcript AGAP000755-PA
JHU_Ag_81901	FHESEGLPVCSK	AGAP000755-PA	C10(Carbamidomethyl)	61	1.00E-05	2	1389.649	1.4	Midgut	X:+:13750760-13750795	exon=> In CDS Exon 2 of transcript AGAP000755-PA
JHU_Ag_85801	KPIAEK	AGAP000755-PA	-	34	0.001285646	1	685.424	-0.13	Head	X:+:13751605-13751622	exon=> In CDS Exon 3 of transcript AGAP000755-PA
JHU_Ag_96457	VQAICAACR	AGAP000755-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	44	0.00062514	1	1048.501	-1.6	Ovary	X:+:13750811-13750837	exon=> In CDS Exon 2 of transcript AGAP000755-PA
JHU_Ag_96753	TWHLEHFICGGPCK	AGAP000755-PA	C9(Carbamidomethyl), C13(Carbamidomethyl)	101	8.77E-10	1	1741.801	4.1	Malpighian tubule	X:+:13751464-13751505	exon=> In CDS Exon 3 of transcript AGAP000755-PA

JHU_Ag_100305	FHESEGLPVCSK	AGAP000755-PA	C10(Carbamidomethyl)	70	1.14E-06	1	1389.643	-2.47	Head	X:+:13750760-13750795	exon=> In CDS Exon 2 of transcript AGAP000755-PA
JHU_Ag_4428	ILLPGVYK	AGAP000756-PA,AGAP000756-PB	-	25	0.003907599	1	902.571	0.03	Male reproductive organs	X:-:13754732-13754709;X:-:13754732-13754709	exon=> In CDS Exon 2 of transcript AGAP000756-PA;exon=> In CDS Exon 2 of transcript AGAP000756-PB
JHU_Ag_66076	IQSELGLEPVDR	AGAP000759-PA	-	83	5.14E-08	1	1355.717	0.1	Ovary	X:+:13772557-13772592	exon=> In CDS Exon 3 of transcript AGAP000759-PA
JHU_Ag_116599	STQQQSEPDELKPGHEK	AGAP000759-PA	-	40	0.001650884	1	1937.916	-2.01	Head	X:+:13772716-13772766	exon=> In CDS Exon 3 of transcript AGAP000759-PA
JHU_Ag_26056	ALWIFLEK	AGAP000761-PA	-	31	0.004240607	2	1019.594	1.47	Visceras	X:-:13785327-13785304	exon=> In CDS Exon 1 of transcript AGAP000761-PA
JHU_Ag_55704	ALWIFLEK	AGAP000761-PA	-	57	1.07E-05	2	1019.593	0.33	Midgut	X:-:13785327-13785304	exon=> In CDS Exon 1 of transcript AGAP000761-PA
JHU_Ag_77792	LAESVAIFR	AGAP000761-PA	-	44	0.000392122	2	1005.571	-1.41	Midgut	X:-:13785088-13785062	exon=> In CDS Exon 2 of transcript AGAP000761-PA
JHU_Ag_97696	QALVDEYLEWQHHNTR	AGAP000761-PA	-	42	0.001077643	1	2038.973	-0.05	Visceras	X:-:13785004-13784957	exon=> In CDS Exon 2 of transcript AGAP000761-PA
JHU_Ag_110476	GEHLTEEFK	AGAP000761-PA	-	32	0.007392399	2	1089.518	-3.36	Head	X:-:13785261-13785378,13784743-13785140	exon=> In CDS Exon 2 and 1 of transcript AGAP000761-PA
JHU_Ag_115261	VPCITDSQIK	AGAP000761-PA	C3(Carbamidomethyl)	40	0.001875736	1	1160.599	1.08	Visceras	X:-:13785118-13785089	exon=> In CDS Exon 2 of transcript AGAP000761-PA
JHU_Ag_4559	LLKPGEKPTNYSDEDEDTPTDGSDVRK	AGAP000767-PA	-	95	3.76E-09	1	3006.420	0.83	Malpighian tubule	X:-:13820301-13820221	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_9561	QYDGTQPDGR	AGAP000767-PA	-	38	0.001172706	2	1136.496	-0.52	Midgut	X:-:13824270-13824241	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_9657	AFYGPGGTYAAFGGR	AGAP000767-PA	-	98	1.86E-09	1	1491.702	0.4	Head	X:-:13824192-13824507,13820442-13820566	exon=> In CDS Exon 2 and 1 of transcript AGAP000767-PA
JHU_Ag_12008	YYLVGR	AGAP000767-PA	-	42	0.000354944	2	770.419	-0.1	Salivary gland	X:-:13820319-13820302	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_17103	TRQPPATLPPPPPELPR	AGAP000767-PA	-	44	0.000136242	1	1864.059	7.83	Midgut	X:-:13824354-13824304	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_20044	VLTAVNGNVYDVTK	AGAP000767-PA	N6(Deamidated)	104	5.06E-10	1	1493.784	-0.53	Midgut	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_27083	AFYGPGGTYAAFGGR	AGAP000767-PA	-	107	2.35E-10	1	1491.703	1.14	Pupa	X:-:13824192-13824507,13820442-13820566	exon=> In CDS Exon 2 and 1 of transcript AGAP000767-PA
JHU_Ag_29314	DFTLAELKQYDGTQPDGR	AGAP000767-PA	-	113	6.98E-11	1	2053.991	4.09	Malpighian tubule	X:-:13824294-13824241	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_31669	TRQPPATLPPPPPELPR	AGAP000767-PA	-	63	1.92E-06	1	1864.049	2.79	Malpighian tubule	X:-:13824354-13824304	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_33696	YYLVGR	AGAP000767-PA	-	34	0.001813866	2	770.419	-0.66	Head	X:-:13820319-13820302	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_35263	TRQPPATLPPPPPELPR	AGAP000767-PA	-	94	1.67E-09	1	1864.049	2.46	Male reproductive organs	X:-:13824354-13824304	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_36066	RDFTLAELK	AGAP000767-PA	-	38	0.001671678	2	1092.603	-1.39	Head	X:-:13824297-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_36835	LLKPGEKPTNYSDEDEDTPTDGSDVRK	AGAP000767-PA	-	62	7.94E-06	1	3006.416	-0.59	Male reproductive organs	X:-:13820301-13820221	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_38119	LLKPGEKPTNYSDEDEDTPTDGSDVR	AGAP000767-PA	-	48	0.000180808	1	2878.324	0.35	Pupa	X:-:13820301-13820224	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_40871	DFTLAELK	AGAP000767-PA	-	45	0.000584049	2	936.504	-0.08	Male reproductive organs	X:-:13824294-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA

JHU_Ag_42772	AFYGPGGTYAAFGGR	AGAP000767-PA	-	49	0.000193792	1	1491.709	5.23	Larva	X:-:13824192-13824507,13820442-13820566	exon=> In CDS Exon 2 and 1 of transcript AGAP000767-PA
JHU_Ag_44319	DFTLAELK	AGAP000767-PA	-	48	0.000215517	1	936.507	3.39	Head	X:-:13824294-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_51869	LLKPGEKPTNYSDEDEDTPTDGSDVR	AGAP000767-PA	-	67	2.10E-06	1	2878.320	-0.91	Male reproductive organs	X:-:13820301-13820224	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_52378	LLKPGEKPTNYSDEDEDTPTDGSDVR	AGAP000767-PA	-	82	5.27E-08	1	2878.288	-11.98	Malpighian tubule	X:-:13820301-13820224	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_56868	YYLVGR	AGAP000767-PA	-	43	0.000281942	2	770.420	0.13	Male reproductive organs	X:-:13820319-13820302	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_57128	VLTAVNGNVYDVTK	AGAP000767-PA	-	119	1.67E-11	1	1492.799	-1.1	Ovary	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_58420	VLTAVNGNVYDVTK	AGAP000767-PA	N6(Deamidated)	47	0.000273033	2	1493.793	5.27	Larva	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_65243	QPPATLPPPPPELPR	AGAP000767-PA	-	29	0.005652135	1	1606.896	0.5	Head	X:-:13824348-13824304	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_68757	GLATFQITSSVSDEYDDLSDLNSHEMESMR	AGAP000767-PA	M26(Oxidation), M29(Oxidation),M29(Oxidation),M26(Oxidation)	66	1.30E-06	1	3409.476	2.18	Head	X:-:13820553-13820464	exon=> In CDS Exon 2 of transcript AGAP000767-PA
JHU_Ag_70692	LLKPGEKPTNYSDEDEDTPTDGSDVR	AGAP000767-PA	-	100	1.13E-09	1	2878.304	-6.45	Head	X:-:13820301-13820224	exon=> In CDS Exon 3 of transcript AGAP000767-PA
JHU_Ag_75476	VLTAVNGNVYDVTK	AGAP000767-PA	N6(Deamidated)	115	3.39E-11	1	1492.801	-0.04	Head	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_76922	DFTLAELK	AGAP000767-PA	-	47	0.000236693	1	936.509	5.28	Malpighian tubule	X:-:13824294-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_84838	AFYGPGGTYAAFGGR	AGAP000767-PA	-	112	7.93E-11	1	1491.701	-0.58	Midgut	X:-:13824192-13824507,13820442-13820566	exon=> In CDS Exon 2 and 1 of transcript AGAP000767-PA
JHU_Ag_92181	RDFTLAELK	AGAP000767-PA	-	37	0.002115401	1	1092.605	-0.28	Male reproductive organs	X:-:13824297-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_93465	DFTLAELK	AGAP000767-PA	-	43	0.000748999	1	936.506	2.02	Pupa	X:-:13824294-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_94551	AFYGPGGTYAAFGGR	AGAP000767-PA	-	89	1.76E-08	1	1491.707	3.43	Malpighian tubule	X:-:13824192-13824507,13820442-13820566	exon=> In CDS Exon 2 and 1 of transcript AGAP000767-PA
JHU_Ag_99062	VLTAVNGNVYDVTK	AGAP000767-PA	N6(Deamidated)	123	5.41E-12	1	1492.805	3.15	Malpighian tubule	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_100508	VLTAVNGNVYDVTK	AGAP000767-PA	N6(Deamidated)	119	1.61E-11	1	1492.801	0.13	Male reproductive organs	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_101362	VLTAVNGNVYDVTK	AGAP000767-PA	N6(Deamidated)	101	1.21E-09	1	1493.786	0.86	Pupa	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_103881	AFYGPGGTYAAFGGR	AGAP000767-PA	-	76	3.09E-07	1	1491.702	0.24	Salivary gland	X:-:13824192-13824507,13820442-13820566	exon=> In CDS Exon 2 and 1 of transcript AGAP000767-PA
JHU_Ag_107043	DFTLAELK	AGAP000767-PA	-	48	0.000260885	1	936.503	-0.32	Midgut	X:-:13824294-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_110951	QPPATLPPPPPELPR	AGAP000767-PA	-	59	6.24E-06	1	1606.895	0.04	Midgut	X:-:13824348-13824304	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_114300	AFYGPGGTYAAFGGR	AGAP000767-PA	-	98	2.21E-09	1	1491.701	-0.5	Male reproductive organs	X:-:13824192-13824507,13820442-13820566	exon=> In CDS Exon 2 and 1 of transcript AGAP000767-PA
JHU_Ag_116751	DFTLAELK	AGAP000767-PA	-	42	0.000711066	1	936.508	4.3	Salivary gland	X:-:13824294-13824271	exon=> In CDS Exon 1 of transcript AGAP000767-PA

JHU_Ag_117213	VLTAVNGNVYDVTK	AGAP000767-PA	N6(Deamidated)	81	1.04E-07	2	1492.805	2.82	Salivary gland	X:-:13824240-13824199	exon=> In CDS Exon 1 of transcript AGAP000767-PA
JHU_Ag_73678	AANGGPPQPQQHSK	AGAP000769-PB	-	50	0.000140958	1	1416.699	0.53	Malpighian tubule	X:-:13848346-13848305	exon=> In CDS Exon 1 of transcript AGAP000769-PB
JHU_Ag_5533	IIDVLSR	AGAP000770-PA	-	38	0.001735026	2	815.499	0.01	Ovary	X:-:13859094-13859074	exon=> In CDS Exon 2 of transcript AGAP000770-PA
JHU_Ag_20803	FDELFTYFK	AGAP000770-PA	-	35	0.004692992	1	1209.586	2.72	Visceras	X:-:13856954-13856928	exon=> In CDS Exon 6 of transcript AGAP000770-PA
JHU_Ag_24327	LALISHSNDNADAQHLSR	AGAP000770-PA	-	105	5.16E-10	1	1961.977	-1.18	Head	X:-:13857241-13857188	exon=> In CDS Exon 5 of transcript AGAP000770-PA
JHU_Ag_37343	IIDVLSR	AGAP000770-PA	-	43	0.000365727	2	815.501	3.46	Malpighian tubule	X:-:13859094-13859074	exon=> In CDS Exon 2 of transcript AGAP000770-PA
JHU_Ag_43048	LLNAEYIYR	AGAP000770-PA	-	65	2.39E-06	2	1154.621	0.06	Ovary	X:-:13857846-13857820	exon=> In CDS Exon 2 of transcript AGAP000770-PA
JHU_Ag_65089	FFASESLYNVVK	AGAP000770-PA	-	77	4.43E-07	2	1403.721	0.55	Ovary	X:-:13858917-13858882	exon=> In CDS Exon 2 of transcript AGAP000770-PA
JHU_Ag_66869	FFASESLYNVVK	AGAP000770-PA	-	78	2.88E-07	2	1403.726	4.11	Malpighian tubule	X:-:13858917-13858882	exon=> In CDS Exon 2 of transcript AGAP000770-PA
JHU_Ag_72551	MENAFAPISEACVK	AGAP000770-PA	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	40	0.00114137	2	1624.741	4	Malpighian tubule	X:-:13859316-13859275	exon=> In CDS Exon 1 of transcript AGAP000770-PA
JHU_Ag_80303	LALISHSNDNADAQHLSR	AGAP000770-PA	-	158	2.78E-15	1	1961.982	1.43	Malpighian tubule	X:-:13857241-13857188	exon=> In CDS Exon 5 of transcript AGAP000770-PA
JHU_Ag_94667	LALISHSNDNADAQHLSR	AGAP000770-PA	-	42	0.001060858	1	1961.978	-0.53	Ovary	X:-:13857241-13857188	exon=> In CDS Exon 5 of transcript AGAP000770-PA
JHU_Ag_19269	QRLEAEK	AGAP000771-PA	Q1(Deamidated)	39	0.002957951	2	874.462	-0.67	Visceras	X:-:13861652-13861632	exon=> In CDS Exon 1 of transcript AGAP000771-PA
JHU_Ag_115226	QRLEAEK	AGAP000771-PA	Q1(Deamidated)	37	0.004634372	1	874.463	-0.39	Head	X:-:13861652-13861632	exon=> In CDS Exon 1 of transcript AGAP000771-PA
JHU_Ag_74673	SPPAPYTAPAGKGAR	AGAP000772-PA	-	38	0.001542154	2	1440.780	14.39	Midgut	X:+:13870532-13870576	exon=> In CDS Exon 1 of transcript AGAP000772-PA
JHU_Ag_13729	TATNAGNLMPNFIQQHQGQGGGPGLNATGR	AGAP000774-PA,AGAP000774-PB	M9(Oxidation)	95	4.25E-09	1	3023.457	2.09	Head	X:-:13898091-13898002;X:-:13898091-13898002	exon=> In CDS Exon 12 of transcript AGAP000774-PA;exon=> In CDS Exon 12 of transcript AGAP000774-PB
JHU_Ag_26682	HLTDAEEDYDGAR	AGAP000774-PA,AGAP000774-PB	-	69	6.61E-07	2	1491.630	-2.87	Head	X:-:13902863-13902825;X:-:13902863-13902825	exon=> In CDS Exon 6 of transcript AGAP000774-PA;exon=> In CDS Exon 6 of transcript AGAP000774-PB
JHU_Ag_66338	DHSVSEAVSNISSPDYQDEHDLLSTK	AGAP000774-PA,AGAP000774-PB	-	116	2.36E-11	1	2873.288	-6.56	Head	X:-:13903109-13903032;X:-:13903109-13903032	exon=> In CDS Exon 6 of transcript AGAP000774-PA;exon=> In CDS Exon 6 of transcript AGAP000774-PB
JHU_Ag_1168	ILDANPILEAFGNAK	AGAP000776-PA	-	106	2.58E-10	1	1585.861	1.8	Malpighian tubule	X:-:13927214-13927170	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_4127	ILDANPILEAFGNAK	AGAP000776-PA	-	41	0.000804173	2	1585.862	2.11	Male reproductive organs	X:-:13927214-13927170	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_5609	YSGTNSVLELMEYGYPSR	AGAP000776-PA	M11(Oxidation)	131	1.11E-12	2	2065.955	0.62	Midgut	X:-:13923844-13923791	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_6725	NYHVFYLLCAGAPPALR	AGAP000776-PA	C9(Carbamidomethyl)	57	2.58E-05	1	1962.006	0.07	Midgut	X:-:13927028-13926978	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_7747	ILDANPILEAFGNAK	AGAP000776-PA	-	91	9.12E-09	2	1585.866	4.8	Head	X:-:13927214-13927170	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_7879	LAQESNGQVEDSPPALR	AGAP000776-PA	-	80	1.64E-07	2	1810.898	2.99	Head	X:-:13921767-13921717	exon=> In CDS Exon 9 of transcript AGAP000776-PA

JHU_Ag_9248	CQVVGGHISHYLLEK	AGAP000776-PA	C1(Carbamidomethyl)	59	1.88E-05	1	1739.891	0.64	Midgut	X:-:13927106-13927062	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_9374	ITEIGASEYDVQPVDSK	AGAP000776-PA	-	116	3.97E-11	2	1850.912	5.68	Malpighian tubule	X:-:13927864-13927814	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_12278	LSFISVGSK	AGAP000776-PA	-	38	0.000896431	2	937.535	-0.22	Malpighian tubule	X:-:13924003-13923977	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_12314	IPFVRPSNGGGPAEIGTAAANADDSKR	AGAP000776-PA	-	46	0.000349062	1	2668.345	0.54	Malpighian tubule	X:-:13918542-13918462	exon=> In CDS Exon 11 of transcript AGAP000776-PA
JHU_Ag_12852	MLDSQLVWAR	AGAP000776-PA	M1(Oxidation)	71	1.35E-06	2	1234.624	-0.9	Midgut	X:-:13927924-13927895	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_13957	LIGVDPSELR	AGAP000776-PA	-	41	0.000727255	1	1098.615	-0.34	Salivary gland	X:-:13926626-13926597	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_15589	DAINTSCDIELLEACR	AGAP000776-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	106	3.82E-10	2	1879.862	4.84	Midgut	X:-:13918866-13918819	exon=> In CDS Exon 10 of transcript AGAP000776-PA
JHU_Ag_16358	DPILDDYEDFR	AGAP000776-PA	-	84	3.75E-08	1	1397.625	2.09	Head	X:-:13926839-13926807	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_20064	ITEIGASEYDVQPVDSK	AGAP000776-PA	-	98	2.42E-09	1	1850.903	0.47	Head	X:-:13927864-13927814	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_21948	LIGVDPSELR	AGAP000776-PA	-	47	0.000155127	2	1098.615	-0.45	Ovary	X:-:13926626-13926597	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_23221	MIDHEFEGSLALAQLK	AGAP000776-PA	M1(Oxidation)	79	2.16E-07	1	1817.913	1.22	Midgut	X:-:13923892-13923845	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_23558	MSQSIIVSGESGAGK	AGAP000776-PA	M1(Oxidation)	69	1.87E-06	2	1466.714	-1.33	Midgut	X:-:13927331-13927287	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_25224	ILDANPILEAFGNAK	AGAP000776-PA	-	105	3.80E-10	2	1585.859	0.41	Midgut	X:-:13927214-13927170	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_28070	NYHVFYLLCAGAPPALR	AGAP000776-PA	C9(Carbamidomethyl)	46	0.000369086	1	1962.009	1.84	Malpighian tubule	X:-:13927028-13926978	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_28510	FLCDSVAAAGPIEQK	AGAP000776-PA	C3(Carbamidomethyl)	106	4.62E-10	1	1605.794	-0.21	Midgut	X:-:13927259-13927215	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_29484	LSFISVGSK	AGAP000776-PA	-	39	0.000675331	2	937.535	-0.09	Salivary gland	X:-:13924003-13923977	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_32415	SLRDDEGFLVR	AGAP000776-PA	-	64	7.49E-06	1	1306.681	4.7	Malpighian tubule	X:-:13924304-13924272	exon=> In CDS Exon 5 of transcript AGAP000776-PA
JHU_Ag_32543	GPLKDPILDDYEDFR	AGAP000776-PA	-	51	0.000159534	2	1792.883	4.15	Midgut	X:-:13926851-13926807	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_32633	DAINTSCDIELLEACR	AGAP000776-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	88	1.91E-08	2	1879.848	-2.31	Salivary gland	X:-:13918866-13918819	exon=> In CDS Exon 10 of transcript AGAP000776-PA
JHU_Ag_32850	DHELALR	AGAP000776-PA	-	33	0.004527131	2	853.448	-5.93	Head	X:-:13921788-13921768	exon=> In CDS Exon 9 of transcript AGAP000776-PA
JHU_Ag_35171	ILDANPILEAFGNAK	AGAP000776-PA	-	71	8.06E-07	2	1585.858	-0.59	Ovary	X:-:13927214-13927170	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_37750	DIQDGYIQGR	AGAP000776-PA	-	68	2.66E-06	2	1164.566	1.12	Malpighian tubule	X:-:13927894-13927865	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_37793	FLCDSVAAAGPIEQK	AGAP000776-PA	C3(Carbamidomethyl)	84	7.56E-08	2	1605.795	0.78	Salivary gland	X:-:13927259-13927215	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_42197	SNGIFTLLDEESK	AGAP000776-PA	-	63	6.55E-06	2	1452.724	1.34	Head	X:-:13924448-13924410	exon=> In CDS Exon 5 of transcript AGAP000776-PA
JHU_Ag_42413	LIGVDPSELR	AGAP000776-PA	-	42	0.000508963	2	1098.611	-4.01	Midgut	X:-:13926626-13926597	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_42990	ILDANPILEAFGNAK	AGAP000776-PA	-	99	1.34E-09	2	1585.858	-0.51	Salivary gland	X:-:13927214-13927170	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_43968	VPFNELYNMYK	AGAP000776-PA	-	87	2.66E-08	2	1417.686	2.73	Salivary gland	X:-:13923790-13923758	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_46529	NYHVFYLLCAGAPPALR	AGAP000776-PA	C9(Carbamidomethyl)	32	0.007660723	1	1962.014	4.45	Ovary	X:-:13927028-13926978	exon=> In CDS Exon 3 of transcript AGAP000776-PA

JHU_Ag_48461	AALALQAQLEK	AGAP000776-PA	-	55	1.42E-05	2	1155.674	0.74	Salivary gland	X:-:13922022-13922095,13921619-13921840	exon=> In CDS Exon 9 and 8 of transcript AGAP000776-PA
JHU_Ag_49384	SDPENLQAIVAK	AGAP000776-PA	-	65	3.22E-06	2	1284.685	4.2	Malpighian tubule	X:-:13923601-13923566	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_52712	EIPDLYSTATLK	AGAP000776-PA	-	54	4.88E-05	2	1350.715	-0.12	Midgut	X:-:13927545-13927510	exon=> In CDS Exon 2 of transcript AGAP000776-PA
JHU_Ag_53333	IRANPSIGAAAIDQQYADIMR	AGAP000776-PA	-	80	1.83E-07	1	2274.176	4.35	Malpighian tubule	X:-:13923081-13923019	exon=> In CDS Exon 7 of transcript AGAP000776-PA
JHU_Ag_54210	SLRDDEGFLVR	AGAP000776-PA	-	48	0.000238935	1	1306.678	2.46	Midgut	X:-:13924304-13924272	exon=> In CDS Exon 5 of transcript AGAP000776-PA
JHU_Ag_56044	DPILDDYEDFR	AGAP000776-PA	-	84	3.64E-08	1	1397.627	3.22	Midgut	X:-:13926839-13926807	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_56456	SQLGELLEK	AGAP000776-PA	-	41	0.001356014	2	1016.562	-0.36	Midgut	X:-:13923970-13923944	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_56582	YLCGCTQYFTHPHTESR	AGAP000776-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	44	0.000340793	1	2156.931	1.58	Head	X:-:13926941-13926891	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_57707	HFAGAVCYNTNQFIEK	AGAP000776-PA	C7(Carbamidomethyl)	135	3.94E-13	1	1898.885	-0.34	Malpighian tubule	X:-:13924271-13924637,13923499-13924121	exon=> In CDS Exon 6 and 5 of transcript AGAP000776-PA
JHU_Ag_64554	ITEIGASEYDVQPVDSK	AGAP000776-PA	-	40	0.001466619	2	1850.903	0.73	Ovary	X:-:13927864-13927814	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_66460	LGLSEAER	AGAP000776-PA	-	52	0.000152402	2	874.463	0.16	Midgut	X:-:13926782-13926759	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_69585	LAQESNGQVEDSPPALR	AGAP000776-PA	-	96	4.03E-09	1	1810.898	2.92	Malpighian tubule	X:-:13921767-13921717	exon=> In CDS Exon 9 of transcript AGAP000776-PA
JHU_Ag_73043	SIGELPPHVYAIADK	AGAP000776-PA	-	54	4.59E-05	1	1609.857	-0.87	Midgut	X:-:13927494-13927587,13926377-13927359	exon=> In CDS Exon 3 and 2 of transcript AGAP000776-PA
JHU_Ag_74605	YLCGCTQYFTHPHTESR	AGAP000776-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	59	8.55E-06	1	2156.931	1.33	Malpighian tubule	X:-:13926941-13926891	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_75845	LIGVDPSELRQALMSR	AGAP000776-PA	-	37	0.001662699	1	1784.977	4.52	Malpighian tubule	X:-:13926626-13926579	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_77086	DDMQMCELSLEETALTR	AGAP000776-PA	M3(Oxidation), M5(Oxidation), C6(Carbamidomethyl)	85	1.59E-08	2	2073.880	1.2	Head	X:-:13918368-13918318	exon=> In CDS Exon 11 of transcript AGAP000776-PA
JHU_Ag_77814	GPLKDPILDDYEDFR	AGAP000776-PA	-	79	2.37E-07	1	1792.881	3.19	Salivary gland	X:-:13926851-13926807	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_79688	RGAEILEHEFNR	AGAP000776-PA	-	77	2.30E-07	1	1470.739	-4.31	Head	X:-:13918314-13918279	exon=> In CDS Exon 11 of transcript AGAP000776-PA
JHU_Ag_80067	SDPENLQAIVAK	AGAP000776-PA	-	76	3.08E-07	2	1284.679	-0.27	Midgut	X:-:13923601-13923566	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_81586	ITQESQPSLNVTAR	AGAP000776-PA	-	74	5.31E-07	2	1543.810	1.91	Malpighian tubule	X:-:13926668-13926627	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_81888	SAFAAICVIK	AGAP000776-PA	C7(Carbamidomethyl)	52	4.53E-05	2	1079.596	3.63	Salivary gland	X:-:13923529-13923500	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_82793	SAFAAICVIK	AGAP000776-PA	C7(Carbamidomethyl)	42	0.000416652	2	1079.593	1.37	Midgut	X:-:13923529-13923500	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_83205	IPFVRPSNGGGPAEIGTAAANADDSKR	AGAP000776-PA	N8(Deamidated)	67	2.99E-06	1	2669.326	-0.7	Midgut	X:-:13918542-13918462	exon=> In CDS Exon 11 of transcript AGAP000776-PA
JHU_Ag_84086	AQQQLVEK	AGAP000776-PA	-	40	0.001380431	1	943.523	2.56	Malpighian tubule	X:-:13918932-13918909	exon=> In CDS Exon 10 of transcript AGAP000776-PA
JHU_Ag_84243	VPFNELYNMYK	AGAP000776-PA	M9(Oxidation)	79	1.90E-07	2	1433.675	-1.25	Midgut	X:-:13923790-13923758	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_84541	EIPDLYSTATLKR	AGAP000776-PA	-	51	8.19E-05	2	1506.814	-1.27	Midgut	X:-:13927545-13927507	exon=> In CDS Exon 2 of transcript AGAP000776-PA

JHU_Ag_84784	FLCDSVAAAGPIEQK	AGAP000776-PA	C3(Carbamidomethyl)	84	7.66E-08	2	1605.796	0.86	Head	X:-:13927259-13927215	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_87391	ITEIGASEYDVQPVDSK	AGAP000776-PA	-	91	1.31E-08	2	1850.906	2.18	Salivary gland	X:-:13927864-13927814	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_95155	MLDSQLVWAR	AGAP000776-PA	N-Term(Acetyl)	45	0.000546075	2	1260.641	0.17	Midgut	X:-:13927924-13927895	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_96594	TQIYSLVAAVLHLGNIR	AGAP000776-PA	-	48	2.00E-05	1	1868.079	2.15	Malpighian tubule	X:-:13926758-13926708	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_100014	ITQESQPSLNVTAR	AGAP000776-PA	-	48	0.00022684	2	1543.809	0.8	Ovary	X:-:13926668-13926627	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_100555	ITEIGASEYDVQPVDSK	AGAP000776-PA	-	77	2.90E-07	1	1850.909	3.83	Midgut	X:-:13927864-13927814	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_101785	LIGVDPSELR	AGAP000776-PA	-	53	3.91E-05	1	1098.617	1.55	Malpighian tubule	X:-:13926626-13926597	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_103981	ITQESQPSLNVTAR	AGAP000776-PA	-	52	8.46E-05	1	1543.812	2.94	Head	X:-:13926668-13926627	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_105364	ANPSIGAAAIDQQYADIMR	AGAP000776-PA	M18(Oxidation)	104	8.41E-10	2	2004.987	3.12	Malpighian tubule	X:-:13923075-13923019	exon=> In CDS Exon 7 of transcript AGAP000776-PA
JHU_Ag_107797	SDPENLQAIVAK	AGAP000776-PA	-	40	0.001104278	2	1284.680	0.78	Ovary	X:-:13923601-13923566	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_108473	VPFNELYNMYK	AGAP000776-PA	M9(Oxidation)	74	5.18E-07	2	1417.683	0.4	Malpighian tubule	X:-:13923790-13923758	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_109629	FLCDSVAAAGPIEQK	AGAP000776-PA	C3(Carbamidomethyl)	117	3.50E-11	1	1605.802	4.88	Malpighian tubule	X:-:13927259-13927215	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_111025	ITEIGASEYDVQPVDSKLPK	AGAP000776-PA	-	75	3.45E-07	1	2189.138	2.09	Malpighian tubule	X:-:13927864-13927805	exon=> In CDS Exon 1 of transcript AGAP000776-PA
JHU_Ag_112037	SDPENLQAIVAK	AGAP000776-PA	-	72	7.16E-07	2	1284.681	0.97	Salivary gland	X:-:13923601-13923566	exon=> In CDS Exon 6 of transcript AGAP000776-PA
JHU_Ag_112126	SWWFAHFDGQYVAR	AGAP000776-PA	-	48	0.000187578	1	1769.822	1.95	Malpighian tubule	X:-:13918461-13918420	exon=> In CDS Exon 11 of transcript AGAP000776-PA
JHU_Ag_113851	SLRDDEGFLVR	AGAP000776-PA	-	73	9.04E-07	1	1306.674	-1.19	Head	X:-:13924304-13924272	exon=> In CDS Exon 5 of transcript AGAP000776-PA
JHU_Ag_115509	TQIYSLVAAVLHLGNIR	AGAP000776-PA	-	56	3.90E-06	1	1868.075	0.09	Midgut	X:-:13926758-13926708	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_115768	ITQESQPSLNVTAR	AGAP000776-PA	-	94	6.31E-09	2	1543.802	-3.86	Midgut	X:-:13926668-13926627	exon=> In CDS Exon 3 of transcript AGAP000776-PA
JHU_Ag_9349	SFSDFLLSYNK	AGAP000781-PA	-	64	6.94E-06	1	1320.647	-0.05	Head	X:-:14240030-14240081,14239837-14239903	exon=> In CDS Exon 2 and 1 of transcript AGAP000781-PA
JHU_Ag_10629	LSELCFIDCVSEFTGR	AGAP000781-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	61	1.20E-05	2	1932.897	7.39	Malpighian tubule	X:-:14239902-14239855	exon=> In CDS Exon 2 of transcript AGAP000781-PA
JHU_Ag_14483	ISQRFQEFQMLANENAIAAAQK	AGAP000781-PA	M10(Oxidation)	150	1.33E-14	1	2524.265	1.59	Malpighian tubule	X:-:14239685-14239620	exon=> In CDS Exon 3 of transcript AGAP000781-PA
JHU_Ag_25708	SFSDFLLSYNK	AGAP000781-PA	-	65	4.99E-06	2	1320.644	-2.17	Midgut	X:-:14240030-14240081,14239837-14239903	exon=> In CDS Exon 2 and 1 of transcript AGAP000781-PA
JHU_Ag_32283	AAQQITIDQLDKDQIK	AGAP000781-PA	N-Term(Acetyl)	103	4.71E-10	1	1869.996	2.17	Ovary	X:-:14240078-14240031	exon=> In CDS Exon 1 of transcript AGAP000781-PA
JHU_Ag_43751	LSELCFIDCVSEFTGR	AGAP000781-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	109	1.72E-10	1	1932.891	3.92	Visceras	X:-:14239902-14239855	exon=> In CDS Exon 2 of transcript AGAP000781-PA
JHU_Ag_75249	AAQQITIDQLDKDQIK	AGAP000781-PA	N-Term(Acetyl)	126	2.30E-12	1	1869.996	2.5	Malpighian tubule	X:-:14240078-14240031	exon=> In CDS Exon 1 of transcript AGAP000781-PA
JHU_Ag_77291	FQEFQMLANENAIAAAQK	AGAP000781-PA	-	90	1.51E-08	2	2023.995	1.91	Midgut	X:-:14239673-14239620	exon=> In CDS Exon 3 of transcript AGAP000781-PA
JHU_Ag_84327	LSELCFIDCVSEFTGR	AGAP000781-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	97	2.51E-09	2	1932.886	1.33	Ovary	X:-:14239902-14239855	exon=> In CDS Exon 2 of transcript AGAP000781-PA

JHU_Ag_104121	AAQQITIDQLDKDQIK	AGAP000781-PA	N-Term(Acetyl)	96	2.28E-09	1	1869.990	-1.09	Midgut	X:-:14240078-14240031	exon=> In CDS Exon 1 of transcript AGAP000781-PA
JHU_Ag_116331	FQEFQMLANENAIAAAQK	AGAP000781-PA	M6(Oxidation)	125	4.83E-12	1	2039.990	2.05	Ovary	X:-:14239673-14239620	exon=> In CDS Exon 3 of transcript AGAP000781-PA
JHU_Ag_117611	LSELCFIDCVSEFTGR	AGAP000781-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	81	1.11E-07	2	1932.886	1.64	Head	X:-:14239902-14239855	exon=> In CDS Exon 2 of transcript AGAP000781-PA
JHU_Ag_3458	RMVAALSR	AGAP000783-PA	M2(Oxidation)	37	0.002491783	2	919.502	-13.06	Malpighian tubule	X:-:14248243-14248220	exon=> In CDS Exon 7 of transcript AGAP000783-PA
JHU_Ag_59249	DATGLDLGTGESPDSVVNNLLGSNNSEPARPR	AGAP000783-PA	-	81	9.17E-08	1	3252.584	3.56	Head	X:-:14260516-14260421	exon=> In CDS Exon 2 of transcript AGAP000783-PA
JHU_Ag_79940	CLSALQLATK	AGAP000783-PA	C1(Carbamidomethyl)	36	0.004119059	2	1104.592	-14.92	Larva	X:-:14251681-14251652	exon=> In CDS Exon 4 of transcript AGAP000783-PA
JHU_Ag_20616	IRFWLRPIFAVSK	AGAP000784-PA	-	27	0.002563953	1	1632.975	0.76	Malpighian tubule	X:+:14273789-14273827	exon=> In CDS Exon 3 of transcript AGAP000784-PA
JHU_Ag_81136	SCVASDGAGHVIK	AGAP000786-PA	C2(Carbamidomethyl)	50	0.00012039	1	1300.632	0.5	Pupa	X:+:14317470-14317508	exon=> In CDS Exon 4 of transcript AGAP000786-PA
JHU_Ag_845	ADVYLLPK	AGAP000792-PA	-	48	0.00012802	2	918.530	0.93	Midgut	X:+:14435295-14435318	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_1446	SQVDHIIWPGPDGKR	AGAP000792-PA	-	79	2.03E-07	1	1704.881	-0.19	Midgut	X:+:14435115-14435159	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_1554	SQVDHIIWPGPDGKR	AGAP000792-PA	-	51	0.000122834	1	1704.884	1.3	Ovary	X:+:14435115-14435159	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_4343	HEIEIAEQEMPGIMALRK	AGAP000792-PA	M10(Oxidation),"M10(Oxidation), M14(Oxidation)",M14(Oxidation)	60	1.76E-05	1	2127.058	0.37	Midgut	X:+:14429214-14429267	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_4884	GEIEEDFWWCIDK	AGAP000792-PA	C10(Carbamidomethyl)	87	9.33E-09	1	1726.744	1.15	Midgut	X:+:14434370-14434408	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_5829	QIVLCGYGEVGK	AGAP000792-PA	C5(Carbamidomethyl)	51	0.000103621	2	1322.681	2.81	Malpighian tubule	X:+:14434791-14434826	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_6815	TSELQWEK	AGAP000792-PA	-	38	0.003269119	2	1020.499	-0.61	Midgut	X:+:14435085-14435108	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_11597	HEIEIAEQEMPGIMALR	AGAP000792-PA	M10(Oxidation), M14(Oxidation)	121	1.30E-11	1	1966.975	1.29	Malpighian tubule	X:+:14429214-14429264	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_11821	GIVDESVTGVHR	AGAP000792-PA	-	37	0.002384092	2	1268.660	0.83	Larva	X:+:14434514-14434549	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_13621	KMDEYVASLHLQTLDAHLTELTDEQAR	AGAP000792-PA	M2(Oxidation)	97	2.57E-09	1	3143.529	-0.81	Midgut	X:+:14435319-14435325,14435410-14435483	exon=> In CDS Exon 4 and 5 of transcript AGAP000792-PA
JHU_Ag_14780	TKFDSLYSCK	AGAP000792-PA	C9(Carbamidomethyl)	60	1.48E-05	1	1248.591	-1.95	Head	X:+:14434619-14434648	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_16440	AGPFKPNYYR	AGAP000792-PA	-	54	5.11E-05	1	1212.615	-1.04	Midgut	X:+:14435502-14435531	exon=> In CDS Exon 5 of transcript AGAP000792-PA
JHU_Ag_24510	YPVMFK	AGAP000792-PA	-	32	0.004553064	2	784.408	2.72	Malpighian tubule	X:+:14434487-14434504	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_24622	LNEVIR	AGAP000792-PA	-	45	0.00050152	2	743.442	1.94	Malpighian tubule	X:+:14434932-14434949	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_24957	SQVDHIIWPGPDGK	AGAP000792-PA	-	77	3.14E-07	1	1548.782	1.09	Malpighian tubule	X:+:14435115-14435156	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_25610	GIVDESVTGVHR	AGAP000792-PA	-	85	3.62E-08	1	1268.662	2.08	Ovary	X:+:14434514-14434549	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_27712	TKFDSLYSCK	AGAP000792-PA	C9(Carbamidomethyl)	59	1.55E-05	1	1248.595	1.77	Ovary	X:+:14434619-14434648	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_28116	LNEVIR	AGAP000792-PA	-	52	4.87E-05	2	743.441	-0.03	Midgut	X:+:14434932-14434949	exon=> In CDS Exon 4 of transcript AGAP000792-PA

JHU_Ag_28556	AGPFKPNYYR	AGAP000792-PA	-	70	1.28E-06	1	1212.619	2.08	Salivary gland	X:+:14435502-14435531	exon=> In CDS Exon 5 of transcript AGAP000792-PA
JHU_Ag_29429	YKADVYLLPK	AGAP000792-PA	-	51	3.61E-05	1	1209.686	-1.24	Midgut	X:+:14435289-14435318	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_33779	GYADFCVR	AGAP000792-PA	C6(Carbamidomethyl)	55	8.10E-06	1	987.436	0.96	Salivary gland	X:+:14429163-14429186	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_34695	ATDIMIGGK	AGAP000792-PA	M5(Oxidation)	66	3.25E-06	2	921.471	-0.13	Malpighian tubule	X:+:14434764-14434790	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_36107	LTVPAMNVKDAITK	AGAP000792-PA	-	44	0.000249598	2	1500.848	1.54	Malpighian tubule	X:+:14434577-14434618	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_38163	IILLAEGR	AGAP000792-PA	-	58	6.37E-06	2	884.556	0.01	Midgut	X:+:14435160-14435183	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_39443	GIVDESVTGVHR	AGAP000792-PA	-	105	3.27E-10	1	1268.661	1.02	Head	X:+:14434514-14434549	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_39969	HEIEIAEQEMPGIMALR	AGAP000792-PA	M10(Oxidation), M14(Oxidation)	70	1.40E-06	2	1998.965	1.16	Head	X:+:14429214-14429264	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_40343	SQVDHIIWPGPDGK	AGAP000792-PA	-	53	8.88E-05	2	1548.785	2.98	Midgut	X:+:14435115-14435156	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_41287	HEIEIAEQEMPGIMALR	AGAP000792-PA	M10(Oxidation),"M10(Oxidation), M14(Oxidation)",M14(Oxidation)	108	2.60E-10	1	1998.962	-0.03	Midgut	X:+:14429214-14429264	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_43567	HEIEIAEQEMPGIMALR	AGAP000792-PA	-	44	0.000605519	1	1966.978	2.68	Salivary gland	X:+:14429214-14429264	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_43929	GIVDESVTGVHR	AGAP000792-PA	-	95	3.16E-09	1	1268.659	-0.62	Malpighian tubule	X:+:14434514-14434549	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_44234	ESVIDSLKR	AGAP000792-PA	-	65	4.57E-06	2	1046.584	0.17	Salivary gland	X:+:14434649-14434665,14434754-14434763	exon=> In CDS Exon 3 and 4 of transcript AGAP000792-PA
JHU_Ag_46513	ESVIDSLKR	AGAP000792-PA	-	53	6.82E-05	1	1046.585	0.75	Midgut	X:+:14434649-14434665,14434754-14434763	exon=> In CDS Exon 3 and 4 of transcript AGAP000792-PA
JHU_Ag_47894	GIVDESVTGVHR	AGAP000792-PA	-	85	3.62E-08	1	1268.659	-0.23	Male reproductive organs	X:+:14434514-14434549	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_54687	AGPFKPNYYRY	AGAP000792-PA	-	49	0.000201001	1	1375.677	-1.87	Salivary gland	X:+:14435502-14435534	exon=> In CDS Exon 5 of transcript AGAP000792-PA
JHU_Ag_54817	ATDIMIGGK	AGAP000792-PA	M5(Oxidation)	58	2.35E-05	2	921.471	-0.6	Salivary gland	X:+:14434764-14434790	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_55227	GYADFCVR	AGAP000792-PA	C6(Carbamidomethyl)	52	1.42E-05	2	987.435	-0.34	Midgut	X:+:14429163-14429186	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_56838	QALDDKPLK	AGAP000792-PA	-	37	0.001449403	2	1027.578	-0.12	Midgut	X:+:14429268-14429294	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_56865	KMDEYVASLHLQTLDAHLTELTDEQAR	AGAP000792-PA	M2(Oxidation)	188	1.88E-18	1	3127.551	4.45	Malpighian tubule	X:+:14435319-14435325,14435410-14435483	exon=> In CDS Exon 4 and 5 of transcript AGAP000792-PA
JHU_Ag_57448	KMDEYVASLHLQTLDAHLTELTDEQAR	AGAP000792-PA	M2(Oxidation)	53	6.65E-05	1	3143.535	1.21	Salivary gland	X:+:14435319-14435325,14435410-14435483	exon=> In CDS Exon 4 and 5 of transcript AGAP000792-PA
JHU_Ag_63319	NGCIVCNMGHSNTEIDVNSLR	AGAP000792-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	72	5.62E-07	1	2390.067	0.76	Malpighian tubule	X:+:14435022-14435084	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_63467	ATDIMIGGK	AGAP000792-PA	M5(Oxidation)	67	2.97E-06	2	921.471	0	Midgut	X:+:14434764-14434790	exon=> In CDS Exon 4 of transcript AGAP000792-PA

JHU_Ag_67313	NGCIVCNMGHSNTEIDVNSLR	AGAP000792-PA	N1(Deamidated), C3(Carbamidomethyl), C6(Carbamidomethyl), M8(Oxidation),"N1(Deamidated), C3(Carbamidomethyl), C6(Carbamidomethyl)"	63	3.52E-06	1	2407.041	-1.04	Midgut	X:+:14435022-14435084	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_69708	AGPFKPNYYR	AGAP000792-PA	-	69	1.64E-06	1	1212.615	-1.04	Malpighian tubule	X:+:14435502-14435531	exon=> In CDS Exon 5 of transcript AGAP000792-PA
JHU_Ag_70775	ADVYLLPK	AGAP000792-PA	-	66	2.36E-06	2	918.532	2.26	Malpighian tubule	X:+:14435295-14435318	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_71082	IILLAEGR	AGAP000792-PA	-	62	2.50E-06	2	884.557	0.5	Malpighian tubule	X:+:14435160-14435183	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_71994	SQVDHIIWPGPDGKR	AGAP000792-PA	-	71	1.15E-06	1	1704.884	1.32	Malpighian tubule	X:+:14435115-14435159	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_72228	TKFDSLYSCK	AGAP000792-PA	C9(Carbamidomethyl)	81	1.09E-07	1	1248.593	0.4	Malpighian tubule	X:+:14434619-14434648	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_74872	LNEVIR	AGAP000792-PA	-	44	0.000569951	2	743.442	0.71	Salivary gland	X:+:14434932-14434949	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_75799	GEIEEDFWWCIDK	AGAP000792-PA	C10(Carbamidomethyl)	37	0.001001314	1	1726.747	3.27	Salivary gland	X:+:14434370-14434408	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_76571	IILLAEGR	AGAP000792-PA	-	62	3.14E-06	2	884.555	-1.37	Salivary gland	X:+:14435160-14435183	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_79296	GEIEEDFWWCIDK	AGAP000792-PA	C10(Carbamidomethyl)	57	1.13E-05	2	1726.747	3.06	Head	X:+:14434370-14434408	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_81390	TKFDSLYSCK	AGAP000792-PA	C9(Carbamidomethyl)	77	2.80E-07	1	1248.592	-0.58	Midgut	X:+:14434619-14434648	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_83237	TVDVVITCTGNK	AGAP000792-PA	C8(Carbamidomethyl)	96	4.88E-09	1	1306.669	1.2	Malpighian tubule	X:+:14434950-14434985	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_83278	RIILLAEGR	AGAP000792-PA	-	28	0.002719249	2	1040.659	1.38	Malpighian tubule	X:+:14435157-14435183	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_85749	IILLAEGR	AGAP000792-PA	-	54	1.82E-05	2	884.557	0.08	Ovary	X:+:14435160-14435183	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_86572	LTVPAMNVK	AGAP000792-PA	-	36	0.002670219	2	972.554	-0.3	Midgut	X:+:14434577-14434603	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_87257	QALDDKPLK	AGAP000792-PA	-	54	2.84E-05	1	1027.578	-0.59	Malpighian tubule	X:+:14429268-14429294	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_87318	GIVDESVTGVHR	AGAP000792-PA	-	96	2.89E-09	1	1268.661	1.11	Salivary gland	X:+:14434514-14434549	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_88335	NGCIVCNMGHSNTEIDVNSLR	AGAP000792-PA	N1(Deamidated), C3(Carbamidomethyl), C6(Carbamidomethyl), M8(Oxidation)	29	0.008731685	1	2407.050	2.46	Head	X:+:14435022-14435084	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_88865	GIVDESVTGVHR	AGAP000792-PA	-	91	8.34E-09	1	1268.658	-0.91	Midgut	X:+:14434514-14434549	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_89282	LYQLSK	AGAP000792-PA	-	39	0.00082428	1	751.436	0.87	Malpighian tubule	X:+:14434550-14434567	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_90413	TVDVVITCTGNKNVVTR	AGAP000792-PA	C8(Carbamidomethyl)	140	9.90E-14	1	1876.000	2.09	Malpighian tubule	X:+:14434950-14435000	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_91101	LYQLSK	AGAP000792-PA	-	35	0.002004817	1	751.435	0.15	Salivary gland	X:+:14434550-14434567	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_92141	YKADVYLLPK	AGAP000792-PA	-	65	1.28E-06	2	1209.689	1.09	Salivary gland	X:+:14435289-14435318	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_96359	ESVIDSLKR	AGAP000792-PA	-	56	3.72E-05	2	1046.586	1.8	Malpighian tubule	X:+:14434649-14434665,14434754-14434763	exon=> In CDS Exon 3 and 4 of transcript AGAP000792-PA

JHU_Ag_98537	GYADFCVR	AGAP000792-PA	C6(Carbamidomethyl)	64	9.68E-07	1	987.436	0.28	Malpighian tubule	X:+:14429163-14429186	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_99188	LYQLSK	AGAP000792-PA	-	41	0.000395377	1	751.434	-1.14	Midgut	X:+:14434550-14434567	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_99272	GYADFCVR	AGAP000792-PA	C6(Carbamidomethyl)	45	7.24E-05	2	987.437	1.77	Ovary	X:+:14429163-14429186	exon=> In CDS Exon 2 of transcript AGAP000792-PA
JHU_Ag_99577	TVDVVITCTGNK	AGAP000792-PA	C8(Carbamidomethyl)	89	2.53E-08	2	1306.669	1.66	Midgut	X:+:14434950-14434985	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_104314	AGPFKPNYYR	AGAP000792-PA	-	52	7.50E-05	1	1212.616	0.17	Head	X:+:14435502-14435531	exon=> In CDS Exon 5 of transcript AGAP000792-PA
JHU_Ag_105024	QIVLCGYGEVGK	AGAP000792-PA	C5(Carbamidomethyl)	58	2.90E-05	2	1322.675	-1.43	Midgut	X:+:14434791-14434826	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_106775	TVDVVITCTGNK	AGAP000792-PA	C8(Carbamidomethyl)	69	2.07E-06	2	1306.671	2.97	Ovary	X:+:14434950-14434985	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_108652	AGPFKPNYYR	AGAP000792-PA	-	40	0.001308911	1	1212.619	2.49	Ovary	X:+:14435502-14435531	exon=> In CDS Exon 5 of transcript AGAP000792-PA
JHU_Ag_109305	TVDVVITCTGNK	AGAP000792-PA	C8(Carbamidomethyl)	93	1.06E-08	2	1306.668	0.45	Salivary gland	X:+:14434950-14434985	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_110443	YKADVYLLPK	AGAP000792-PA	-	62	2.91E-06	1	1209.691	2.7	Malpighian tubule	X:+:14435289-14435318	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_111569	TKFDSLYSCK	AGAP000792-PA	C9(Carbamidomethyl)	81	1.10E-07	1	1248.593	-0.29	Salivary gland	X:+:14434619-14434648	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_112055	QIVLCGYGEVGK	AGAP000792-PA	C5(Carbamidomethyl)	44	0.00062433	2	1322.676	-1.06	Salivary gland	X:+:14434791-14434826	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_113068	GIVDESVTGVHRLYQLSK	AGAP000792-PA	-	105	2.56E-10	1	2001.082	2.82	Malpighian tubule	X:+:14434514-14434567	exon=> In CDS Exon 3 of transcript AGAP000792-PA
JHU_Ag_114250	QIVLCGYGEVGK	AGAP000792-PA	C5(Carbamidomethyl)	47	0.000265736	2	1322.681	2.72	Head	X:+:14434791-14434826	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_114324	SQVDHIIWPGPDGKR	AGAP000792-PA	-	47	0.000316838	1	1704.881	-0.2	Salivary gland	X:+:14435115-14435159	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_115393	RIILLAEGR	AGAP000792-PA	-	43	8.86E-05	2	1040.657	-0.62	Head	X:+:14435157-14435183	exon=> In CDS Exon 4 of transcript AGAP000792-PA
JHU_Ag_322	LLNIDIPLR	AGAP000794-PA	-	66	3.95E-07	1	1066.665	3.27	Ovary	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_3605	IIDQCLNQMPAGEIKTDDAK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation),C5(Carbamidomethyl)	94	5.58E-09	1	2276.081	-4.06	Midgut	X:-:14442507-14442448	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_3807	LDEVEDVLTTNR	AGAP000794-PA	-	78	3.44E-07	2	1403.702	0.53	Male reproductive organs	X:-:14442771-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_5896	LFTQGYQVPPGATYTAVEAPK	AGAP000794-PA	-	85	4.64E-08	1	2238.140	-1.77	Head	X:-:14442384-14442322	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_6081	GPVMYPDEVTSR	AGAP000794-PA	M4(Oxidation)	60	1.24E-05	2	1366.630	-0.64	Visceras	X:-:14443389-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_7216	LLNIDIPLR	AGAP000794-PA	-	66	4.21E-07	1	1066.664	1.44	Malpighian tubule	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_7449	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation)	87	3.06E-08	2	1745.863	4.11	Male reproductive organs	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_7844	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation),C5(Carbamidomethyl)	105	4.64E-10	2	1745.861	2.5	Head	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_8513	MHAAYIRPGGVSQDLPLGLLDDIYEFASK	AGAP000794-PA	-	163	5.25E-16	1	3176.616	2.37	Visceras	X:-:14442870-14442784	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_9328	GPVMYPDEVTSR	AGAP000794-PA	-	70	1.78E-06	1	1350.640	3.18	Malpighian tubule	X:-:14443389-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_9638	SQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	124	6.12E-12	1	2157.043	1.76	Salivary gland	X:-:14442621-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA

JHU_Ag_10320	GEFGLYVVSDGSSRPYR	AGAP000794-PA	-	82	1.09E-07	1	1888.919	0.32	Visceras	X:-:14442321-14442271	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_14254	TVDIGVVSAEDALNYGFSGVMLR	AGAP000794-PA	M21(Oxidation)	82	9.90E-08	3	2429.206	1.88	Malpighian tubule	X:-:14442720-14442652	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_14937	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation)	78	2.82E-07	2	1745.861	2.71	Ovary	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_16142	GPVMYPDEVTSR	AGAP000794-PA	M4(Oxidation)	97	2.04E-09	1	1366.630	-0.37	Head	X:-:14443389-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_18421	WFPDEQFIDQFK	AGAP000794-PA	-	66	3.26E-06	1	1599.751	2.11	Visceras	X:-:14443425-14443390	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_19034	HSMEALIHHFK	AGAP000794-PA	M3(Oxidation)	73	7.93E-07	1	1365.671	-1.43	Head	X:-:14442417-14442385	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_21936	SQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	93	8.12E-09	2	2157.040	0.75	Visceras	X:-:14442621-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_23703	HSMEALIHHFK	AGAP000794-PA	M3(Oxidation)	58	2.59E-05	1	1365.673	-0.28	Salivary gland	X:-:14442417-14442385	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_23713	GPVMYPDEVTSR	AGAP000794-PA	M4(Oxidation)	81	8.27E-08	2	1366.627	-3.14	Midgut	X:-:14443389-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_23723	LFTQGYQVPPGATYTAVEAPK	AGAP000794-PA	-	101	9.05E-10	1	2238.152	3.34	Malpighian tubule	X:-:14442384-14442322	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_24141	SQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	116	4.71E-11	1	2157.044	2.67	Malpighian tubule	X:-:14442621-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_25934	ILNHIMAVGTHALDVGALTPFFWLFEER	AGAP000794-PA	M6(Oxidation)	59	1.05E-05	1	3213.650	-1.71	Ovary	X:-:14442996-14442913	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_27262	LDEVEDVLTTNR	AGAP000794-PA	-	91	1.67E-08	2	1403.703	1.49	Pupa	X:-:14442771-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_27511	HSMEALIHHFKLFTQGYQVPPGATYTAVEAPK	AGAP000794-PA	-	36	0.00229128	1	3568.817	3.46	Malpighian tubule	X:-:14442417-14442322	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_28836	LLNIDIPLR	AGAP000794-PA	-	66	4.15E-07	1	1066.663	0.64	Head	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_30269	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation),C5(Carbamidomethyl)	99	2.08E-09	2	1745.855	-0.86	Visceras	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_30665	TYTQALPYFDR	AGAP000794-PA	-	54	6.02E-05	2	1374.669	0	Salivary gland	X:-:14443152-14443120	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_31217	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation)	89	1.90E-08	2	1745.859	1.8	Salivary gland	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_32145	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation),C5(Carbamidomethyl)	100	1.57E-09	1	1745.860	1.94	Malpighian tubule	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_32878	GEFGLYVVSDGSSRPYR	AGAP000794-PA	-	79	2.15E-07	1	1888.923	1.96	Malpighian tubule	X:-:14442321-14442271	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_33452	TVDIGVVSAEDALNYGFSGVMLR	AGAP000794-PA	M21(Oxidation)	105	4.63E-10	2	2413.216	3.71	Visceras	X:-:14442720-14442652	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_34895	GPVMYPDEVTSR	AGAP000794-PA	M4(Oxidation)	75	3.28E-07	1	1366.632	0.61	Salivary gland	X:-:14443389-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_35201	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation)	76	4.11E-07	2	1745.857	0.4	Pupa	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_37411	MHAAYIRPGGVSQDLPLGLLDDIYEFASK	AGAP000794-PA	M1(Oxidation)	170	1.10E-16	1	3192.611	2.27	Malpighian tubule	X:-:14442870-14442784	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_38279	LFTQGYQVPPGATYTAVEAPK	AGAP000794-PA	-	61	9.25E-06	2	2238.146	0.83	Visceras	X:-:14442384-14442322	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_38590	LLNIDIPLR	AGAP000794-PA	-	67	3.33E-07	1	1066.663	0.76	Visceras	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_38809	TYTQALPYFDR	AGAP000794-PA	-	59	1.86E-05	2	1374.671	1.86	Visceras	X:-:14443152-14443120	exon=> In CDS Exon 3 of transcript AGAP000794-PA

JHU_Ag_39037	FGERLDEVEDVLTTNR	AGAP000794-PA	-	68	3.17E-06	2	1892.934	-0.49	Pupa	X:-:14442783-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_39061	LFTQGYQVPPGATYTAVEAPK	AGAP000794-PA	-	67	2.35E-06	1	2238.151	3.06	Pupa	X:-:14442384-14442322	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_41375	LLNIDIPLR	AGAP000794-PA	-	53	7.54E-06	1	1066.662	0.18	Male reproductive organs	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_42360	GPVMYPDEVTSR	AGAP000794-PA	M4(Oxidation)	57	2.06E-05	1	1366.632	0.61	Male reproductive organs	X:-:14443389-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_42467	TYTQALPYFDR	AGAP000794-PA	-	38	0.002463319	1	1374.671	1.69	Ovary	X:-:14443152-14443120	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_43739	SQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	102	1.00E-09	1	2157.045	3.12	Ovary	X:-:14442621-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_44340	WFPDEQFIDQFKGPVMYPDEVTSR	AGAP000794-PA	M16(Oxidation)	86	3.29E-08	1	2947.360	-0.2	Pupa	X:-:14443425-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_46366	SQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	98	2.65E-09	1	2157.038	-0.39	Pupa	X:-:14442621-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_46626	LLNIDIPLR	AGAP000794-PA	-	67	3.30E-07	1	1066.662	0.07	Midgut	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_46961	LDEVEDVLTTNR	AGAP000794-PA	-	93	1.04E-08	2	1403.704	2.01	Midgut	X:-:14442771-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_47153	MHAAYIRPGGVSQDLPLGLLDDIYEFASK	AGAP000794-PA	M1(Oxidation)	103	5.88E-10	1	3192.609	1.71	Ovary	X:-:14442870-14442784	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_49815	IIDQCLNQMPAGEIKTDDAK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation)	90	1.71E-08	1	2276.095	2.3	Ovary	X:-:14442507-14442448	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_52086	SQPYDAYDLVEFDVPIGTKGDCYDR	AGAP000794-PA	C22(Carbamidomethyl)	45	0.000242084	1	2923.313	1.31	Malpighian tubule	X:-:14442621-14442547	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_52573	LDEVEDVLTTNR	AGAP000794-PA	-	102	1.25E-09	2	1403.701	-0.51	Head	X:-:14442771-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_53235	FGERLDEVEDVLTTNR	AGAP000794-PA	-	67	4.02E-06	2	1892.930	-2.62	Midgut	X:-:14442783-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_54670	HSMEALIHHFK	AGAP000794-PA	M3(Oxidation)	63	6.76E-06	1	1365.672	-0.81	Midgut	X:-:14442417-14442385	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_55082	LDEVEDVLTTNR	AGAP000794-PA	-	74	7.39E-07	2	1403.706	3.57	Malpighian tubule	X:-:14442771-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_56909	GEFGLYVVSDGSSRPYR	AGAP000794-PA	-	76	5.13E-07	1	1888.920	0.8	Head	X:-:14442321-14442271	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_58479	MHAAYIRPGGVSQDLPLGLLDDIYEFASK	AGAP000794-PA	M1(Oxidation)	141	9.81E-14	1	3192.605	0.32	Midgut	X:-:14442870-14442784	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_61535	GEFGLYVVSDGSSRPYR	AGAP000794-PA	-	75	5.52E-07	1	1888.916	-1.43	Pupa	X:-:14442321-14442271	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_62719	LFTQGYQVPPGATYTAVEAPK	AGAP000794-PA	-	52	8.11E-05	1	2238.152	3.63	Ovary	X:-:14442384-14442322	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_66382	WFPDEQFIDQFK	AGAP000794-PA	-	63	6.02E-06	1	1599.748	0.13	Midgut	X:-:14443425-14443390	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_66486	TYTQALPYFDR	AGAP000794-PA	-	38	0.002800093	2	1374.665	-2.49	Midgut	X:-:14443152-14443120	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_67592	IIDQCLNQMPAGEIK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation),C5(Carbamidomethyl)	107	2.96E-10	1	1745.852	-2.54	Midgut	X:-:14442507-14442463	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_67961	LFTQGYQVPPGATYTAVEAPK	AGAP000794-PA	-	75	4.74E-07	1	2238.144	-0.13	Midgut	X:-:14442384-14442322	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_68264	FGERLDEVEDVLTTNR	AGAP000794-PA	-	50	0.00017557	2	1892.936	0.47	Malpighian tubule	X:-:14442783-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_76123	GEFGLYVVSDGSSRPYR	AGAP000794-PA	-	80	1.59E-07	1	1888.925	3.42	Midgut	X:-:14442321-14442271	exon=> In CDS Exon 3 of transcript AGAP000794-PA

JHU_Ag_76558	FGERLDEVEDVLTTNR	AGAP000794-PA	-	47	0.000375212	1	1892.939	1.95	Salivary gland	X:-:14442783-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_78527	TVDIGVVSAEDALNYGFSGVMLR	AGAP000794-PA	M21(Oxidation)	150	1.55E-14	1	2429.192	-4.07	Midgut	X:-:14442720-14442652	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_79784	SQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	112	1.07E-10	1	2157.043	1.76	Head	X:-:14442621-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_81314	SQPYDAYDLVEFDVPIGTK	AGAP000794-PA	Q2(Deamidated)	118	2.74E-11	1	2157.044	2.22	Midgut	X:-:14442621-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_83728	FGERLDEVEDVLTTNR	AGAP000794-PA	-	63	8.08E-06	2	1892.939	1.96	Ovary	X:-:14442783-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_85432	KSQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	74	5.38E-07	1	2285.143	3.91	Head	X:-:14442624-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_85791	LDEVEDVLTTNRIWVQR	AGAP000794-PA	-	70	9.92E-07	1	2086.103	4.69	Malpighian tubule	X:-:14442771-14442721	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_86067	WFPDEQFIDQFK	AGAP000794-PA	-	66	3.08E-06	1	1599.755	4.25	Malpighian tubule	X:-:14443425-14443390	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_87474	TVDIGVVSAEDALNYGFSGVMLR	AGAP000794-PA	N14(Deamidated), M21(Oxidation),M21(Oxidation)	130	1.57E-12	2	2429.208	2.36	Head	X:-:14442720-14442652	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_88495	LDEVEDVLTTNR	AGAP000794-PA	-	85	5.89E-08	2	1403.702	0.27	Ovary	X:-:14442771-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_88738	FGERLDEVEDVLTTNR	AGAP000794-PA	-	104	7.48E-10	1	1892.934	-0.56	Visceras	X:-:14442783-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_90924	WFPDEQFIDQFKGPVMYPDEVTSR	AGAP000794-PA	M16(Oxidation)	63	5.65E-06	1	2947.360	-0.39	Midgut	X:-:14443425-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_91630	TYTQALPYFDR	AGAP000794-PA	-	74	6.01E-07	2	1374.670	0.53	Head	X:-:14443152-14443120	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_91916	IIDQCLNQMPAGEIKTDDAK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation),C5(Carbamidomethyl)	80	1.57E-07	1	2260.096	0.69	Malpighian tubule	X:-:14442507-14442448	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_95066	WFPDEQFIDQFKGPVMYPDEVTSR	AGAP000794-PA	-	135	3.98E-13	1	2931.369	1.08	Visceras	X:-:14443425-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_97195	LDEVEDVLTTNR	AGAP000794-PA	-	82	1.22E-07	2	1403.703	1.49	Visceras	X:-:14442771-14442736	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_101663	IIDQCLNQMPAGEIKTDDAK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation)	65	4.79E-06	1	2276.092	0.77	Visceras	X:-:14442507-14442448	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_102146	TYTQALPYFDR	AGAP000794-PA	-	40	0.001557889	1	1374.672	2.31	Malpighian tubule	X:-:14443152-14443120	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_102533	HSMEALIHHFK	AGAP000794-PA	-	73	8.29E-07	1	1349.681	2.24	Malpighian tubule	X:-:14442417-14442385	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_105794	LLNIDIPLR	AGAP000794-PA	-	66	4.13E-07	1	1066.663	1.33	Pupa	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_106520	KSQPYDAYDLVEFDVPIGTK	AGAP000794-PA	-	105	4.96E-10	1	2285.136	1.03	Visceras	X:-:14442624-14442565	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_108526	GPVMYPDEVTSR	AGAP000794-PA	M4(Oxidation)	72	6.70E-07	1	1366.630	-0.73	Pupa	X:-:14443389-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_113425	IIDQCLNQMPAGEIKTDDAK	AGAP000794-PA	C5(Carbamidomethyl), M9(Oxidation)	48	0.000241007	1	2276.089	-0.27	Salivary gland	X:-:14442507-14442448	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_114420	WFPDEQFIDQFKGPVMYPDEVTSR	AGAP000794-PA	M16(Oxidation)	68	1.79E-06	1	2947.365	1.54	Ovary	X:-:14443425-14443354	exon=> In CDS Exon 1 of transcript AGAP000794-PA
JHU_Ag_115807	LLNIDIPLR	AGAP000794-PA	-	61	1.11E-06	1	1066.666	3.73	Salivary gland	X:-:14443062-14443036	exon=> In CDS Exon 3 of transcript AGAP000794-PA
JHU_Ag_2052	WKLPPWNSK	AGAP000794-PA,AGAP006891-PA	-	29	0.009317549	3	1155.631	0.29	Head	X:-:14443353-14443327;2L:-:39428008-39427982	exon=> In CDS Exon 1 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA

JHU_Ag_2784	APGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	89	1.06E-08	1	1210.657	-1.06	Male reproductive organs	X:-:14442258-14442223;2L:-:39426913-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_6233	APGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	91	7.22E-09	1	1210.657	-1.16	Visceras	X:-:14442258-14442223;2L:-:39426913-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_7838	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	45	8.96E-05	2	1451.837	-0.19	Visceras	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_9137	APGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	96	2.02E-09	1	1210.658	-0.26	Midgut	X:-:14442258-14442223;2L:-:39426913-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_9364	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	96	5.72E-10	1	1451.839	1.05	Midgut	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_10922	MMEFYER	AGAP000794-PA,AGAP006891-PA	M1(Oxidation)	36	0.000726517	2	1005.418	1.17	Malpighian tubule	X:-:14442906-14442886;2L:-:39427561-39427541	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_11035	APGFAHLAALDKIGR	AGAP000794-PA,AGAP006891-PA	-	81	2.84E-08	1	1536.868	1.9	Malpighian tubule	X:-:14442258-14442214;2L:-:39426913-39426869	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_12416	HHMLADVVAIIGTLDVVFGEIDR	AGAP000794-PA,AGAP006891-PA	M3(Oxidation)	81	6.11E-08	3	2536.320	-1.17	Midgut	X:-:14442213-14442145;2L:-:39426868-39426800	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_14963	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	101	2.12E-10	1	1451.838	0.89	Malpighian tubule	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_15910	WKLPPWNSK	AGAP000794-PA,AGAP006891-PA	-	40	0.000732984	1	1155.632	1.08	Visceras	X:-:14443353-14443327;2L:-:39428008-39427982	exon=> In CDS Exon 1 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_25779	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	M11(Oxidation)	80	1.39E-07	2	1390.729	3.02	Ovary	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_28140	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	44	9.60E-05	1	1451.835	-1.69	Male reproductive organs	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_32915	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	M11(Oxidation)	99	2.33E-09	1	1390.724	-0.49	Midgut	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_35439	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	72	2.15E-07	1	1451.836	-0.38	Pupa	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA

JHU_Ag_38670	APGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	80	8.37E-08	1	1210.662	2.97	Salivary gland	X:-:14442258-14442223;2L:-:39426913-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_39437	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	40	0.000292581	2	1451.836	-0.78	Head	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_50519	APGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	104	3.12E-10	1	1210.654	-3.08	Head	X:-:14442258-14442223;2L:-:39426913-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_50549	WKLPPWNSK	AGAP000794-PA,AGAP006891-PA	-	42	0.000483828	1	1155.634	2.42	Ovary	X:-:14443353-14443327;2L:-:39428008-39427982	exon=> In CDS Exon 1 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_52175	APGFAHLAALDKIGR	AGAP000794-PA,AGAP006891-PA	-	84	1.67E-08	1	1536.867	1.78	Ovary	X:-:14442258-14442214;2L:-:39426913-39426869	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_56569	APGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	89	9.62E-09	1	1210.662	3.37	Malpighian tubule	X:-:14442258-14442223;2L:-:39426913-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_62512	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	M11(Oxidation)	66	3.99E-06	1	1390.724	-0.23	Male reproductive organs	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_66094	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	58	3.94E-06	1	1451.837	0.33	Salivary gland	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_67613	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	M11(Oxidation)	79	1.98E-07	2	1390.727	1.35	Pupa	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_67834	VLFAEITR	AGAP000794-PA,AGAP006891-PA	-	59	8.06E-06	2	948.552	1	Salivary gland	X:-:14443020-14442997;2L:-:39427675-39427652	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_69618	VLFAEITR	AGAP000794-PA,AGAP006891-PA	-	57	1.22E-05	2	948.552	0.17	Midgut	X:-:14443020-14442997;2L:-:39427675-39427652	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_70016	IKAPGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	81	2.01E-08	1	1451.840	2.28	Ovary	X:-:14442264-14442223;2L:-:39426919-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_73322	MMEFYER	AGAP000794-PA,AGAP006891-PA	M1(Oxidation), M2(Oxidation)	34	0.000673	2	1037.407	0.29	Midgut	X:-:14442906-14442886;2L:-:39427561-39427541	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_93429	VLFAEITR	AGAP000794-PA,AGAP006891-PA	-	64	2.37E-06	1	948.552	0.55	Malpighian tubule	X:-:14443020-14442997;2L:-:39427675-39427652	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA

JHU_Ag_94420	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	-	66	4.35E-06	2	1374.732	1.84	Visceras	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_94521	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	M11(Oxidation)	70	1.46E-06	2	1390.725	-0.05	Head	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_96540	GDCYDRYLCR	AGAP000794-PA,AGAP006891-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	33	0.001490 39	1	1377.569	0.89	Malpighian tubule	X:-:14442564-14442535;2L:-:39427219-39427190	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_101276	MMEFYER	AGAP000794-PA,AGAP006891-PA	-	36	0.000670 398	1	1005.417	-0.23	Head	X:-:14442906-14442886;2L:-:39427561-39427541	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_103294	VLFAEITR	AGAP000794-PA,AGAP006891-PA	-	54	2.28E-05	2	948.553	1.78	Ovary	X:-:14443020-14442997;2L:-:39427675-39427652	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_108925	APGFAHLAALDKIGR	AGAP000794-PA,AGAP006891-PA	-	39	0.000470 141	1	1536.866	1.06	Pupa	X:-:14442258-14442214;2L:-:39426913-39426869	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_109269	LIEYK	AGAP000794-PA,AGAP006891-PA	-	34	0.001435 104	1	665.387	0.5	Midgut	X:-:14443167-14443153;2L:-:39427822-39427808	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_111000	APGFAHLAALDK	AGAP000794-PA,AGAP006891-PA	-	64	3.02E-06	1	1210.660	1.32	Ovary	X:-:14442258-14442223;2L:-:39426913-39426878	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_113699	VLFAEITR	AGAP000794-PA,AGAP006891-PA	-	55	2.20E-05	2	948.550	-0.99	Visceras	X:-:14443020-14442997;2L:-:39427675-39427652	exon=> In CDS Exon 3 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_113989	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	M11(Oxidation)	91	1.27E-08	2	1390.728	2.06	Salivary gland	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_114797	WKLPPWNSK	AGAP000794-PA,AGAP006891-PA	-	37	0.001446 444	1	1155.632	0.92	Malpighian tubule	X:-:14443353-14443327;2L:-:39428008-39427982	exon=> In CDS Exon 1 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_115668	LVLELDGETVMR	AGAP000794-PA,AGAP006891-PA	M11(Oxidation)	95	5.63E-09	1	1390.724	-0.49	Malpighian tubule	X:-:14443246-14443211;2L:-:39427900-39427865	exon=> In CDS Exon 2 of transcript AGAP000794-PA;exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_34202	LHILK	AGAP000801-PA,AGAP000801-PB	-	26	0.001459 322	1	623.424	-0.56	Head	X:-:14621848-14621834;X:-:14621848-14621834	exon=> In CDS Exon 13 of transcript AGAP000801-PA;exon=> In CDS Exon 13 of transcript AGAP000801-PB
JHU_Ag_7852	ILELLR	AGAP000803-PA,AGAP012447-PA	-	43	0.000256 031	1	756.500	2.43	Malpighian tubule	X:+:14739978-14739995;UNKN:+:1554750-1554767	exon=> In CDS Exon 2 of transcript AGAP000803-PA;exon=> In CDS Exon 2 of transcript AGAP012447-PA

JHU_Ag_11719	ILELLR	AGAP000803-PA,AGAP012447-PA	-	32	0.003142628	2	756.498	0.66	Pupa	X:+:14739978-14739995;UNKN:+:1554750-1554767	exon=> In CDS Exon 2 of transcript AGAP000803-PA;exon=> In CDS Exon 2 of transcript AGAP012447-PA
JHU_Ag_25266	ILELLR	AGAP000803-PA,AGAP012447-PA	-	43	0.000254855	1	756.498	0.25	Ovary	X:+:14739978-14739995;UNKN:+:1554750-1554767	exon=> In CDS Exon 2 of transcript AGAP000803-PA;exon=> In CDS Exon 2 of transcript AGAP012447-PA
JHU_Ag_36730	ILELLR	AGAP000803-PA,AGAP012447-PA	-	47	0.000112536	2	756.499	1.06	Visceras	X:+:14739978-14739995;UNKN:+:1554750-1554767	exon=> In CDS Exon 2 of transcript AGAP000803-PA;exon=> In CDS Exon 2 of transcript AGAP012447-PA
JHU_Ag_36965	ILELLR	AGAP000803-PA,AGAP012447-PA	-	43	0.000106518	2	756.497	-1.04	Head	X:+:14739978-14739995;UNKN:+:1554750-1554767	exon=> In CDS Exon 2 of transcript AGAP000803-PA;exon=> In CDS Exon 2 of transcript AGAP012447-PA
JHU_Ag_47658	ILELLR	AGAP000803-PA,AGAP012447-PA	-	35	0.000750624	1	756.497	-0.62	Midgut	X:+:14739978-14739995;UNKN:+:1554750-1554767	exon=> In CDS Exon 2 of transcript AGAP000803-PA;exon=> In CDS Exon 2 of transcript AGAP012447-PA
JHU_Ag_85056	ILELLR	AGAP000803-PA,AGAP012447-PA	-	47	4.78E-05	2	756.497	-1.68	Male reproductive organs	X:+:14739978-14739995;UNKN:+:1554750-1554767	exon=> In CDS Exon 2 of transcript AGAP000803-PA;exon=> In CDS Exon 2 of transcript AGAP012447-PA
JHU_Ag_6650	ILAFPCNQFGGQEPGTNAEIK	AGAP000804-PA	C6(Carbamidomethyl)	69	2.17E-06	1	2291.111	-0.75	Visceras	X:-:14745223-14745161	exon=> In CDS Exon 1 of transcript AGAP000804-PA
JHU_Ag_22795	ILAFPCNQFGGQEPGTNAEIK	AGAP000804-PA	C6(Carbamidomethyl)	35	0.005310919	1	2291.122	4.05	Malpighian tubule	X:-:14745223-14745161	exon=> In CDS Exon 1 of transcript AGAP000804-PA
JHU_Ag_94769	ILAFPCNQFGGQEPGTNAEIK	AGAP000804-PA	C6(Carbamidomethyl)	62	1.04E-05	1	2291.112	-0.32	Head	X:-:14745223-14745161	exon=> In CDS Exon 1 of transcript AGAP000804-PA
JHU_Ag_104330	ILAFPCNQFGGQEPGTNAEIKQFAVGR	AGAP000804-PA	C6(Carbamidomethyl)	78	1.97E-07	1	2949.476	2.94	Malpighian tubule	X:-:14745223-14745143	exon=> In CDS Exon 1 of transcript AGAP000804-PA
JHU_Ag_3496	YTVPIGFLER	AGAP000805-PA	-	37	0.001857982	2	1194.653	1.33	Head	X:+:14757830-14757859	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_4458	HVLDYLR	AGAP000805-PA	-	42	0.001234688	1	915.501	-3.55	Head	X:+:14757797-14757817	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_22268	HVFIEQAFDMLQEQGFR	AGAP000805-PA	M10(Oxidation),"M10(Oxidation), Q14(Deamidated)","M10(Oxidation), Q12(Deamidated)"	145	4.73E-14	1	2111.006	2.04	Head	X:+:14758133-14758183	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_22888	LLVHGR	AGAP000805-PA	-	24	0.002292782	1	694.436	0.81	Head	X:+:14758016-14758033	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_25456	DGLADVK	AGAP000805-PA	-	45	0.000447821	2	717.377	-1.1	Head	X:+:14757977-14757997	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_28320	EVFGDTLNESRDPDHGGSDR	AGAP000805-PA	-	99	1.27E-09	1	2202.964	-0.25	Head	X:+:14758049-14758108	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_31599	HVFIEQAFDMLQEQGFR	AGAP000805-PA	-	56	4.20E-05	3	2095.011	2.02	Visceras	X:+:14758133-14758183	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_45893	LVASCGSGTAGSVSENLKPGVDTEENR	AGAP000805-PA	C5(Carbamidomethyl)	201	1.21E-19	1	2734.296	0.44	Head	X:+:14758184-14758264	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_55362	QVPGCITVGYR	AGAP000805-PA	C5(Carbamidomethyl)	43	0.000725099	2	1249.634	-1.58	Head	X:+:14757923-14757955	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_63264	LAGLIELLGK	AGAP000805-PA	-	70	2.85E-07	2	1026.657	0.7	Pupa	X:+:14757893-14757922	exon=> In CDS Exon 1 of transcript AGAP000805-PA

JHU_Ag_73417	LAGLIELLGK	AGAP000805-PA	-	73	1.39E-07	1	1026.656	-0.01	Head	X:+:14757893-14757922	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_78199	LVASCGSGTAGSVSENLKPGVDTEENR	AGAP000805-PA	C5(Carbamidomethyl)	145	4.54E-14	1	2734.298	0.98	Visceras	X:+:14758184-14758264	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_80219	WNHYNEFVFVR	AGAP000805-PA	-	57	2.61E-05	2	1510.724	0.92	Head	X:+:14758265-14758297	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_82169	GHYFIDR	AGAP000805-PA	-	41	0.001297 74	1	907.442	0.3	Head	X:+:14757758-14757778	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_94336	EVFGDTLNESR	AGAP000805-PA	-	83	6.20E-08	1	1266.595	-1.26	Head	X:+:14758049-14758081	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_98072	HVLDYLRDPAR	AGAP000805-PA	-	37	0.001968 413	1	1354.721	-1.5	Head	X:+:14757797-14757829	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_101688	WNHYNEFVFVRD	AGAP000805-PA	-	69	1.69E-06	1	1625.749	-0.63	Head	X:+:14758265-14758300	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_108883	YTVPIGFLER	AGAP000805-PA	-	35	0.002838 19	1	1194.654	1.53	Pupa	X:+:14757830-14757859	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_110842	LAGLIELLGK	AGAP000805-PA	-	77	5.36E-08	1	1026.657	1.3	Visceras	X:+:14757893-14757922	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_117344	LAGLIELLGK	AGAP000805-PA	-	62	1.54E-06	1	1026.654	-1.91	Ovary	X:+:14757893-14757922	exon=> In CDS Exon 1 of transcript AGAP000805-PA
JHU_Ag_5278	QKSLPMVELLLK	AGAP000810-PA	Q1(Deamidated), M6(Oxidation)	42	0.000269 814	2	1415.827	6.49	Malpighian tubule	X:-:14857914-14857879	exon=> In CDS Exon 7 of transcript AGAP000810-PA
JHU_Ag_37648	LMVVGVQGIGK	AGAP000810-PA	M2(Oxidation)	35	0.001828 771	1	1116.652	6.85	Male reproductive organs	X:-:14855877-14855845	exon=> In CDS Exon 7 of transcript AGAP000810-PA
JHU_Ag_46250	ELRVLSK	AGAP000810-PA	-	30	0.010315 326	1	844.523	-2.88	Head	X:-:14866514-14866494	exon=> In CDS Exon 2 of transcript AGAP000810-PA
JHU_Ag_2419	DVAQIFNNVLR	AGAP000812-PA	-	62	9.47E-06	2	1288.699	-1.43	Head	X:+:14896239-14896271	exon=> In CDS Exon 3 of transcript AGAP000812-PA
JHU_Ag_14739	IMLHSDEFFNFFR	AGAP000812-PA	M2(Oxidation)	61	1.12E-05	1	1718.800	0.13	Ovary	X:+:14896503-14896541	exon=> In CDS Exon 4 of transcript AGAP000812-PA
JHU_Ag_15412	VFNHYEHLLNSENYVTR	AGAP000812-PA	-	68	2.59E-06	1	2135.029	-0.89	Head	X:+:14896656-14896706	exon=> In CDS Exon 4 of transcript AGAP000812-PA
JHU_Ag_34336	ALKEAVNSLER	AGAP000812-PA	-	40	0.001317 075	1	1229.685	-0.11	Malpighian tubule	X:+:14888733-14888765	exon=> In CDS Exon 1 of transcript AGAP000812-PA
JHU_Ag_35951	NLVLIK	AGAP000812-PA	-	26	0.003466 65	2	699.476	-0.44	Ovary	X:+:14888808-14888813,14896019-14896030	exon=> In CDS Exon 1 and 2 of transcript AGAP000812-PA
JHU_Ag_39660	VFVANPNKPKPILDILLR	AGAP000812-PA	-	81	2.86E-09	1	2047.244	0.43	Head	X:+:14897058-14897111	exon=> In CDS Exon 6 of transcript AGAP000812-PA
JHU_Ag_44531	DVAQIFNNVLR	AGAP000812-PA	-	71	1.08E-06	2	1288.706	4.34	Malpighian tubule	X:+:14896239-14896271	exon=> In CDS Exon 3 of transcript AGAP000812-PA
JHU_Ag_49721	ILCAEFLEQNYDK	AGAP000812-PA	C3(Carbamidomethyl)	98	2.05E-09	1	1642.782	2.48	Head	X:+:14896617-14896655	exon=> In CDS Exon 4 of transcript AGAP000812-PA
JHU_Ag_55653	DVAQIFNNVLR	AGAP000812-PA	-	73	7.55E-07	1	1288.700	-0.49	Ovary	X:+:14896239-14896271	exon=> In CDS Exon 3 of transcript AGAP000812-PA
JHU_Ag_64234	DVAQIFNNVLR	AGAP000812-PA	-	70	1.19E-06	2	1288.706	4.15	Male reproductive organs	X:+:14896239-14896271	exon=> In CDS Exon 3 of transcript AGAP000812-PA
JHU_Ag_75054	VFVANPNKPKPILDILLR	AGAP000812-PA	-	17	0.005295 903	1	2047.248	2.66	Malpighian tubule	X:+:14897058-14897111	exon=> In CDS Exon 6 of transcript AGAP000812-PA
JHU_Ag_81104	VFVANPNKPKPILDILLR	AGAP000812-PA	-	69	3.88E-08	1	2047.256	6.51	Salivary gland	X:+:14897058-14897111	exon=> In CDS Exon 6 of transcript AGAP000812-PA
JHU_Ag_82991	VFNHYEHLLNSENYVTR	AGAP000812-PA	-	91	1.27E-08	1	2135.040	4.42	Ovary	X:+:14896656-14896706	exon=> In CDS Exon 4 of transcript AGAP000812-PA
JHU_Ag_84091	NLVLIK	AGAP000812-PA	-	31	0.001032 547	1	699.476	0.1	Midgut	X:+:14888808-14888813,14896019-14896030	exon=> In CDS Exon 1 and 2 of transcript AGAP000812-PA

JHU_Ag_89555	DVAQIFNNVLR	AGAP000812-PA	-	72	8.54E-07	1	1288.698	-2.19	Midgut	X:+:14896239-14896271	exon=> In CDS Exon 3 of transcript AGAP000812-PA
JHU_Ag_100040	DVAQIFNNVLR	AGAP000812-PA	-	76	3.29E-07	2	1288.704	2.16	Pupa	X:+:14896239-14896271	exon=> In CDS Exon 3 of transcript AGAP000812-PA
JHU_Ag_103876	VFNHYEHLLNSENYVTR	AGAP000812-PA	-	93	7.81E-09	1	2135.026	-2.04	Malpighian tubule	X:+:14896656-14896706	exon=> In CDS Exon 4 of transcript AGAP000812-PA
JHU_Ag_3119	LLGELLLDR	AGAP000812-PA,AGAP011060-PA	-	53	3.36E-05	1	1041.632	1.37	Pupa	X:+:14896722-14896748;3L:+:15805990-15806016	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_8792	FHTDRSEDEQFNDEK	AGAP000812-PA,AGAP011060-PA	-	67	7.81E-07	1	1896.799	-0.36	Pupa	X:+:14897145-14897189;3L:+:15806221-15806265	exon=> In CDS Exon 6 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_12816	LLGELLLDR	AGAP000812-PA,AGAP011060-PA	-	60	7.02E-06	2	1041.630	-0.03	Male reproductive organs	X:+:14896722-14896748;3L:+:15805990-15806016	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_16221	LLGELLLDRHNFTVMTK	AGAP000812-PA,AGAP011060-PA	M15(Oxidation)	68	1.15E-06	1	2016.103	4.12	Salivary gland	X:+:14896722-14896760,14896844-14896855;3L:+:15805990-15806040	exon=> In CDS Exon 4 and 5 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_19012	LVDFLTR	AGAP000812-PA,AGAP011060-PA	-	46	0.000205821	2	863.499	0.86	Malpighian tubule	X:+:14897124-14897144;3L:+:15806200-15806220	exon=> In CDS Exon 6 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_24941	SPQELVK	AGAP000812-PA,AGAP011060-PA	-	47	0.000247118	1	800.450	-0.99	Male reproductive organs	X:+:14888712-14888732;3L:+:15805333-15805353	exon=> In CDS Exon 1 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_30526	LLGELLLDR	AGAP000812-PA,AGAP011060-PA	-	66	1.07E-06	1	1041.632	1.61	Ovary	X:+:14896722-14896748;3L:+:15805990-15806016	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_30582	LLGELLLDR	AGAP000812-PA,AGAP011060-PA	-	44	0.00023237	1	1041.632	1.14	Malpighian tubule	X:+:14896722-14896748;3L:+:15805990-15806016	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_36570	LLGELLLDR	AGAP000812-PA,AGAP011060-PA	-	55	1.33E-05	2	1041.633	2.66	Salivary gland	X:+:14896722-14896748;3L:+:15805990-15806016	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_43593	YVEVSTFDIASDAFSTFK	AGAP000812-PA,AGAP011060-PA	-	116	3.95E-11	2	2026.971	3.39	Head	X:+:14896542-14896595;3L:+:15805810-15805863	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_54383	YVEVSTFDIASDAFSTFK	AGAP000812-PA,AGAP011060-PA	-	157	3.00E-15	1	2026.968	1.7	Ovary	X:+:14896542-14896595;3L:+:15805810-15805863	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_68974	FHTDRSEDEQFNDEK	AGAP000812-PA,AGAP011060-PA	-	44	0.000173562	1	1896.799	-0.36	Midgut	X:+:14897145-14897189;3L:+:15806221-15806265	exon=> In CDS Exon 6 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_69013	LVDFLTR	AGAP000812-PA,AGAP011060-PA	-	42	0.000438017	1	863.499	-0.06	Pupa	X:+:14897124-14897144;3L:+:15806200-15806220	exon=> In CDS Exon 6 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_72898	NIQFEAFHVFK	AGAP000812-PA,AGAP011060-PA	-	72	9.77E-07	1	1379.715	2.95	Ovary	X:+:14896916-14896948;3L:+:15806101-15806133	exon=> In CDS Exon 5 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_79130	NIQFEAFHVFK	AGAP000812-PA,AGAP011060-PA	-	47	0.000336273	1	1379.715	3.04	Head	X:+:14896916-14896948;3L:+:15806101-15806133	exon=> In CDS Exon 5 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_79496	LVDFLTR	AGAP000812-PA,AGAP011060-PA	-	37	0.001397947	1	863.498	-0.27	Ovary	X:+:14897124-14897144;3L:+:15806200-15806220	exon=> In CDS Exon 6 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA

JHU_Ag_82310	LLGELLLDR	AGAP000812-PA,AGAP011060-PA	-	54	1.86E-05	2	1041.632	1.72	Head	X:+:14896722-14896748;3L:+:15805990-15806016	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_84109	LVDFLTR	AGAP000812-PA,AGAP011060-PA	-	41	0.000631671	2	863.499	-0.06	Male reproductive organs	X:+:14897124-14897144;3L:+:15806200-15806220	exon=> In CDS Exon 6 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_87585	LLGELLLDR	AGAP000812-PA,AGAP011060-PA	-	50	6.53E-05	2	1041.631	1.02	Midgut	X:+:14896722-14896748;3L:+:15805990-15806016	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_92969	SPQELVK	AGAP000812-PA,AGAP011060-PA	-	42	0.000686211	2	800.451	-0.76	Ovary	X:+:14888712-14888732;3L:+:15805333-15805353	exon=> In CDS Exon 1 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_99937	NIQFEAFHVFK	AGAP000812-PA,AGAP011060-PA	-	42	0.000897123	1	1379.713	1.89	Salivary gland	X:+:14896916-14896948;3L:+:15806101-15806133	exon=> In CDS Exon 5 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_104319	YVEVSTFDIASDAFSTFK	AGAP000812-PA,AGAP011060-PA	-	76	4.29E-07	2	2026.973	4.29	Salivary gland	X:+:14896542-14896595;3L:+:15805810-15805863	exon=> In CDS Exon 4 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_105444	LLGELLLDRHNFTVMTK	AGAP000812-PA,AGAP011060-PA	M15(Oxidation)	65	1.44E-06	1	2000.107	3.38	Malpighian tubule	X:+:14896722-14896760,14896844-14896855;3L:+:15805990-15806040	exon=> In CDS Exon 4 and 5 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_117453	FHTDRSEDEQFNDEK	AGAP000812-PA,AGAP011060-PA	-	70	4.97E-07	1	1896.802	1.51	Malpighian tubule	X:+:14897145-14897189;3L:+:15806221-15806265	exon=> In CDS Exon 6 of transcript AGAP000812-PA;exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_3957	QLPNRQIWLSSPTSGPK	AGAP000813-PA	-	34	0.003160921	1	1909.028	-0.62	Malpighian tubule	X:-:14912631-14912581	exon=> In CDS Exon 2 of transcript AGAP000813-PA
JHU_Ag_20923	HDGVTLHELLQR	AGAP000813-PA	-	79	1.75E-07	2	1417.759	2.84	Ovary	X:-:14912523-14912488	exon=> In CDS Exon 2 of transcript AGAP000813-PA
JHU_Ag_21276	HDGVTLHELLQR	AGAP000813-PA	-	39	0.001895898	1	1417.753	-1.05	Head	X:-:14912523-14912488	exon=> In CDS Exon 2 of transcript AGAP000813-PA
JHU_Ag_25622	ELEFFALPHSQRPQEPASDGR	AGAP000813-PA	-	57	3.05E-05	1	2411.178	1.53	Head	X:-:14912463-14912401	exon=> In CDS Exon 2 of transcript AGAP000813-PA
JHU_Ag_78963	TVNEGYWLYR	AGAP000813-PA	-	47	0.000232386	2	1300.630	-1.76	Male reproductive organs	X:-:14912553-14912524	exon=> In CDS Exon 2 of transcript AGAP000813-PA
JHU_Ag_109737	ELEFFALPHSQRPQEPASDGREG	AGAP000813-PA	-	106	4.05E-10	1	2597.244	2.41	Ovary	X:-:14912463-14912395	exon=> In CDS Exon 2 of transcript AGAP000813-PA
JHU_Ag_114535	RYDFIPDK	AGAP000813-PA	-	33	0.005819076	1	1053.534	-2.42	Head	X:-:14912580-14912557	exon=> In CDS Exon 2 of transcript AGAP000813-PA
JHU_Ag_57	VLMPYVSTVPK	AGAP000815-PA	M3(Oxidation)	60	9.08E-06	1	1249.685	-0.52	Midgut	X:+:14938123-14938155	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_497	LGFGSFVDK	AGAP000815-PA	-	46	0.000220822	1	969.505	0.71	Malpighian tubule	X:+:14938096-14938122	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_2973	LGGVITPNDGECHLDHNGR	AGAP000815-PA	C12(Carbamidomethyl)	83	7.95E-08	1	2060.953	-1.69	Head	X:+:14946217-14946273	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_3021	LGFGSFVDKVLMPYVSTVPK	AGAP000815-PA	M12(Oxidation)	86	1.80E-08	1	2200.177	2.27	Midgut	X:+:14938096-14938155	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_3297	EGWTGPACDCR	AGAP000815-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	36	0.000340509	2	1308.510	0.41	Ovary	X:+:14947207-14947239	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_5799	FEFSYNDSDQDK	AGAP000815-PA	-	75	8.94E-08	2	1494.608	4.32	Larva	X:+:14947567-14947602	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_7897	LGFGSFVDK	AGAP000815-PA	-	55	3.11E-05	1	969.504	0.2	Male reproductive organs	X:+:14938096-14938122	exon=> In CDS Exon 2 of transcript AGAP000815-PA

JHU_Ag_8814	SMEDDKTILSTLGADLASEMR	AGAP000815-PA	M2(Oxidation),M20(Oxidation),"M2(Oxidation), M20(Oxidation)"	103	6.87E-10	1	2315.067	-2.95	Midgut	X:+:14938012-14938074	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_10059	YCPEEYTVDPSNTFQLVQGR	AGAP000815-PA	C2(Carbamidomethyl)	85	3.21E-08	2	2403.092	0.04	Ovary	X:+:14937609-14937668	exon=> In CDS Exon 1 of transcript AGAP000815-PA
JHU_Ag_10576	ERADECSNAGTYK	AGAP000815-PA	C6(Carbamidomethyl)	102	3.32E-10	1	1500.637	-0.69	Midgut	X:+:14946868-14946906	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_11625	VGDVVTFEAHITLLK	AGAP000815-PA	-	113	3.37E-11	1	1641.920	-0.77	Midgut	X:+:14946691-14946735	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_14263	EGWTGPACDCR	AGAP000815-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	43	9.19E-05	1	1308.515	4.32	Malpighian tubule	X:+:14947207-14947239	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_15877	TILSTLGADLASEMR	AGAP000815-PA	M14(Oxidation)	44	0.000504339	2	1593.819	2.23	Head	X:+:14938030-14938074	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_17302	MSNASEECSGR	AGAP000815-PA	M1(Oxidation), C8(Carbamidomethyl)	25	0.001400272	2	1243.467	-0.6	Midgut	X:+:14947006-14947038	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_17695	NTNGALQQTNR	AGAP000815-PA	-	49	0.000151232	2	1216.605	1.42	Ovary	X:+:14946643-14946675	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_18028	LNEAFR	AGAP000815-PA	-	42	0.001062794	2	749.393	-1.07	Pupa	X:+:14937861-14937864,14937929-14937942	exon=> In CDS Exon 1 and 2 of transcript AGAP000815-PA
JHU_Ag_19546	EGWTGPACDCR	AGAP000815-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	54	6.13E-06	1	1308.509	-0.53	Pupa	X:+:14947207-14947239	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_21993	LGGVITPNDGECHLDHNGR	AGAP000815-PA	C12(Carbamidomethyl),"C12(Carbamidomethyl), N17(Deamidated)","N8(Deamidated), C12(Carbamidomethyl)"	83	5.70E-08	1	2061.935	-2.82	Midgut	X:+:14946217-14946273	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_23242	YCPEEYTVDPSNTFQLVQGR	AGAP000815-PA	C2(Carbamidomethyl)	79	1.47E-07	2	2403.086	-2.39	Midgut	X:+:14937609-14937668	exon=> In CDS Exon 1 of transcript AGAP000815-PA
JHU_Ag_23980	HCVQCQQYK	AGAP000815-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	69	7.54E-07	1	1250.540	-0.24	Midgut	X:+:14947405-14947431	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_30493	RLLLFSTDAGFHYAGDGK	AGAP000815-PA	-	105	4.28E-10	1	1967.997	-0.31	Midgut	X:+:14946163-14946216	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_30783	RPNPDELIDGR	AGAP000815-PA	-	63	6.51E-06	1	1281.660	3.85	Larva	X:+:14947075-14947107	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_33776	FNVNYAQAEDYPVDLYYLMDLSK	AGAP000815-PA	M19(Oxidation)	46	0.000272824	2	2787.288	0.8	Head	X:+:14937943-14938011	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_33988	RPNPDELIDGRYCECDNFSCDRPGGLLCSGPDHGR	AGAP000815-PA	C13(Carbamidomethyl), C15(Carbamidomethyl), C20(Carbamidomethyl), C28(Carbamidomethyl)	115	1.98E-11	1	4091.784	5.87	Malpighian tubule	X:+:14947075-14947179	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_35283	YTHSTTQDYPSISQINLK	AGAP000815-PA	-	80	1.74E-07	1	2096.031	0.85	Larva	X:+:14946274-14946327	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_37429	YTHSTTQDYPSISQINLK	AGAP000815-PA	-	80	1.61E-07	1	2096.031	0.74	Ovary	X:+:14946274-14946327	exon=> In CDS Exon 4 of transcript AGAP000815-PA

JHU_Ag_37531	YCECDNFSCDRPGGLLCSGPDHGR	AGAP000815-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), N6(Deamidated), C9(Carbamidomethyl), C17(Carbamidomethyl),"C2(Carbamidomethyl), C4(Carbamidomethyl), C9(Carbamidomethyl), C17(Carbamidomethyl)"	149	1.84E-15	1	2829.120	-1.35	Head	X:+:14947108-14947179	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_38303	NTNGALQQTNR	AGAP000815-PA	-	55	4.15E-05	2	1216.602	-0.78	Midgut	X:+:14946643-14946675	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_39151	GQCVCGVCVCER	AGAP000815-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	59	2.97E-06	2	1483.592	0.76	Ovary	X:+:14947039-14947074	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_39822	YCECDNFSCDRPGGLLCSGPDHGR	AGAP000815-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C9(Carbamidomethyl), C17(Carbamidomethyl)	91	1.31E-09	1	2829.124	0.38	Ovary	X:+:14947108-14947179	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_39828	WDTGENPIYK	AGAP000815-PA	-	38	0.00207446	1	1222.573	-1.02	Ovary	X:+:14947789-14947797,14948842-14948862	exon=> In CDS Exon 5 and 6 of transcript AGAP000815-PA
JHU_Ag_39843	GQCVCGVCVCER	AGAP000815-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	74	9.69E-08	1	1483.596	3.72	Malpighian tubule	X:+:14947039-14947074	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_41210	TDNVIDVK	AGAP000815-PA	-	38	0.002985358	1	903.479	0.45	Midgut	X:+:14946601-14946624	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_42128	EGWTGPACDCR	AGAP000815-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	72	9.91E-08	1	1308.509	-0.15	Midgut	X:+:14947207-14947239	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_43489	YTHSTTQDYPSISQINLK	AGAP000815-PA	-	61	1.13E-05	1	2096.034	2.1	Head	X:+:14946274-14946327	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_43491	RPNPDELIDGR	AGAP000815-PA	-	48	0.000246757	1	1281.654	-0.44	Head	X:+:14947075-14947107	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_44085	LGFGSFVDK	AGAP000815-PA	-	55	3.36E-05	2	969.501	-3.45	Midgut	X:+:14938096-14938122	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_47105	YCECDNFSCDRPGGLLCSGPDHGR	AGAP000815-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C9(Carbamidomethyl), C17(Carbamidomethyl)	104	8.14E-11	1	2829.132	3.12	Larva	X:+:14947108-14947179	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_48954	FNVNYAQAEDYPVDLYYLMDLSK	AGAP000815-PA	-	56	3.36E-05	2	2771.292	0.2	Midgut	X:+:14937943-14938011	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_59557	YCECDNFSCDRPGGLLCSGPDHGR	AGAP000815-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C9(Carbamidomethyl), C17(Carbamidomethyl)	58	2.50E-06	1	2829.124	0.34	Visceras	X:+:14947108-14947179	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_60535	VTIDEERNDNK	AGAP000815-PA	-	83	8.31E-08	1	1332.638	-0.62	Midgut	X:+:14947504-14947536	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_62274	RLLLFSTDAGFHYAGDGK	AGAP000815-PA	-	74	5.31E-07	1	1968.007	4.71	Malpighian tubule	X:+:14946163-14946216	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_64649	LLLFSTDAGFHYAGDGK	AGAP000815-PA	-	123	7.36E-12	1	1811.896	-0.04	Midgut	X:+:14946166-14946216	exon=> In CDS Exon 4 of transcript AGAP000815-PA

JHU_Ag_65783	NLREPCPGCVAPYGYHNLMPLSTDANLFSQEVQR	AGAP000815-PA	C6(Carbamidomethyl), C9(Carbamidomethyl), M19(Oxidation)	45	0.000380895	1	3949.839	-0.76	Midgut	X:+:14938156-14938157,14946046-14946060	exon=> In CDS Exon 2 and 4 of transcript AGAP000815-PA
JHU_Ag_66243	LGFGSFVDK	AGAP000815-PA	-	46	0.000212883	2	969.505	0.58	Pupa	X:+:14938096-14938122	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_67061	TILSTLGADLASEMR	AGAP000815-PA	M14(Oxidation)	108	2.10E-10	2	1593.815	-0.29	Midgut	X:+:14938030-14938074	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_67526	FEFSYNDSDQDK	AGAP000815-PA	-	56	5.72E-06	2	1494.600	-1.24	Midgut	X:+:14947567-14947602	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_68297	GQCVCGVCVCER	AGAP000815-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	83	8.59E-09	2	1483.590	-0.64	Pupa	X:+:14947039-14947074	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_70953	VTIDEER	AGAP000815-PA	-	42	0.001223922	1	861.431	-0.15	Midgut	X:+:14947504-14947524	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_72627	CHGQIEKYCPEEYTVDPSNTFQLVQGR	AGAP000815-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	49	0.00014723	1	3255.498	4.44	Malpighian tubule	X:+:14937588-14937668	exon=> In CDS Exon 1 of transcript AGAP000815-PA
JHU_Ag_74024	LNEAFR	AGAP000815-PA	-	46	0.000383704	2	749.394	-0.42	Midgut	X:+:14937861-14937864,14937929-14937942	exon=> In CDS Exon 1 and 2 of transcript AGAP000815-PA
JHU_Ag_74775	RPNPDELIDGR	AGAP000815-PA	-	61	1.18E-05	1	1281.654	-0.63	Visceras	X:+:14947075-14947107	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_76076	HCVQCQQYK	AGAP000815-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	42	0.000403337	2	1250.539	-1.51	Ovary	X:+:14947405-14947431	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_79074	YCPEEYTVDPSNTFQLVQGR	AGAP000815-PA	C2(Carbamidomethyl)	44	0.000537241	2	2403.104	4.92	Malpighian tubule	X:+:14937609-14937668	exon=> In CDS Exon 1 of transcript AGAP000815-PA
JHU_Ag_79207	ITSNFK	AGAP000815-PA	-	34	0.001692346	1	709.388	-0.17	Midgut	X:+:14938078-14938095	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_80045	VLTSIHDR	AGAP000815-PA	-	26	0.014502003	1	940.521	0.01	Midgut	X:+:14947723-14947746	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_84575	ISSSVEMK	AGAP000815-PA	-	37	0.002908313	1	880.444	-0.04	Midgut	X:+:14946568-14946591	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_85213	YTHSTTQDYPSISQINLK	AGAP000815-PA	-	100	1.47E-09	1	2096.033	1.9	Midgut	X:+:14946274-14946327	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_87279	LGFGSFVDK	AGAP000815-PA	-	59	1.20E-05	1	969.505	1.02	Visceras	X:+:14938096-14938122	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_88338	LGGVITPNDGECHLDHNGR	AGAP000815-PA	C12(Carbamidomethyl)	46	0.000356432	1	2060.957	0.36	Ovary	X:+:14946217-14946273	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_93242	LVEGSSAAK	AGAP000815-PA	-	48	0.000243699	2	861.467	-0.53	Midgut	X:+:14946403-14946429	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_96720	YCPEEYTVDPSNTFQLVQGR	AGAP000815-PA	C2(Carbamidomethyl)	61	9.05E-06	2	2403.086	-2.7	Head	X:+:14937609-14937668	exon=> In CDS Exon 1 of transcript AGAP000815-PA
JHU_Ag_98015	EGWTGPACDCR	AGAP000815-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	53	8.71E-06	1	1308.516	4.7	Larva	X:+:14947207-14947239	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_98821	QNAINVIFAVTAEELSVYEQLSR	AGAP000815-PA	-	101	7.70E-10	2	2594.349	1.25	Midgut	X:+:14946334-14946402	exon=> In CDS Exon 4 of transcript AGAP000815-PA

JHU_Ag_101262	YCECDNFSCDRPGGLLCSGPDHGR	AGAP000815-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), N6(Deamidated), C9(Carbamidomethyl), C17(Carbamidomethyl),"C 2(Carbamidomethyl), C4(Carbamidomethyl), C9(Carbamidomethyl), C17(Carbamidomethyl)"	121	1.47E-12	1	2829.136	4.43	Midgut	X:+:14947108-14947179	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_102883	EPCPGCVAPYGYHNLMPLSTDANLFS QEVQR	AGAP000815-PA	C3(Carbamidomethyl), C6(Carbamidomethyl), M16(Oxidation)	40	0.000788 875	1	3566.606	-2.33	Head	X:+:14942329-14942406,149460 46-14946060	exon=> In CDS Exon 3 and 4 of transcript AGAP000815-PA
JHU_Ag_103324	LLLFSTDAGFHYAGDGK	AGAP000815-PA	-	73	7.34E-07	1	1811.905	4.55	Malpighian tubule	X:+:14946166-14946216	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_104473	VKQNAINVIFAVTAEELSVYEQLSR	AGAP000815-PA	-	69	7.13E-07	1	2821.512	0.76	Midgut	X:+:14946328-14946402	exon=> In CDS Exon 4 of transcript AGAP000815-PA
JHU_Ag_109928	RPNPDELIDGR	AGAP000815-PA	-	63	7.21E-06	1	1281.653	-1.49	Midgut	X:+:14947075-14947107	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_110871	TTCSQCIQTTNCR	AGAP000815-PA	C3(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl)	78	6.83E-08	2	1629.684	3.49	Malpighian tubule	X:+:14937516-14937554	exon=> In CDS Exon 1 of transcript AGAP000815-PA
JHU_Ag_112968	LGFGSFVDK	AGAP000815-PA	-	33	0.004592 418	2	969.506	2.09	Head	X:+:14938096-14938122	exon=> In CDS Exon 2 of transcript AGAP000815-PA
JHU_Ag_113054	VTIDEERNDNK	AGAP000815-PA	-	65	5.53E-06	1	1332.643	2.95	Malpighian tubule	X:+:14947504-14947536	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_115211	GQCVCGVCVCER	AGAP000815-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	77	5.37E-08	2	1483.597	4.14	Larva	X:+:14947039-14947074	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_116065	ADECSNAGTYK	AGAP000815-PA	C4(Carbamidomethyl)	70	1.88E-07	1	1215.498	2.6	Malpighian tubule	X:+:14946874-14946906	exon=> In CDS Exon 5 of transcript AGAP000815-PA
JHU_Ag_2109	IQLDENHDPLFGR	AGAP000818-PA	-	53	8.03E-05	1	1553.772	0.66	Head	X:-:15242376-15242338	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_3571	IQLDENHDPLFGR	AGAP000818-PA	-	74	6.35E-07	1	1553.773	1.45	Midgut	X:-:15242376-15242338	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_5945	VQLQPGDGLWIPAAAIMR	AGAP000818-PA	M17(Oxidation)	103	3.14E-10	2	1936.048	0.43	Malpighian tubule	X:-:15241107-15241054	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_8091	ELTNLDGVQGLK	AGAP000818-PA	-	54	5.95E-05	2	1286.696	0.85	Visceras	X:-:15242055-15242020	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_11394	ANAFFTLGK	AGAP000818-PA	-	60	8.58E-06	2	968.520	0.47	Malpighian tubule	X:-:15242082-15242056	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_12209	FLAFSSFPR	AGAP000818-PA	-	44	0.000332 175	2	1071.563	0.74	Visceras	X:-:15242019-15241993	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_12982	FDENENIETNGGGSQK	AGAP000818-PA	N10(Deamidated)	117	1.40E-11	2	1738.753	0.83	Head	X:-:15241836-15241789	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_13449	DPQLFPEPDRFWPER	AGAP000818-PA	-	64	6.64E-06	1	1928.932	1.54	Head	X:-:15241053-15241009	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_13973	HVVMDTITQR	AGAP000818-PA	M4(Oxidation)	78	2.39E-07	1	1215.619	3.17	Larva	X:-:15241935-15241906	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_14028	FFGYFDFLSPIYVVR	AGAP000818-PA	-	64	4.58E-06	2	1869.962	2.53	Malpighian tubule	X:-:15242481-15242437	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_14498	IQLDENHDPLFGR	AGAP000818-PA	-	50	0.000149 072	1	1553.771	0.45	Visceras	X:-:15242376-15242338	exon=> In CDS Exon 1 of transcript AGAP000818-PA

JHU_Ag_17448	DPQLFPEPDRFWPER	AGAP000818-PA	-	58	2.58E-05	1	1928.930	0.5	Visceras	X:-:15241053-15241009	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_19278	TILSPAFTGSK	AGAP000818-PA	-	46	0.000248192	1	1121.622	1.49	Malpighian tubule	X:-:15242295-15242263	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_25107	LLTDVLSDMYHR	AGAP000818-PA	M9(Oxidation)	48	0.000270053	2	1478.733	1.76	Head	X:-:15242532-15242497	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_25267	HDMINLLMQAR	AGAP000818-PA	-	65	4.07E-06	1	1341.681	3.11	Malpighian tubule	X:-:15241884-15241852	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_25927	DPQLFPEPDRFWPER	AGAP000818-PA	-	82	1.02E-07	1	1928.932	1.54	Malpighian tubule	X:-:15241053-15241009	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_26578	FEPESAGAPVDSSAMLAFGLGPR	AGAP000818-PA	M15(Oxidation)	86	3.94E-08	1	2306.116	1.72	Malpighian tubule	X:-:15241008-15240940	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_30398	YLDMVANETLR	AGAP000818-PA	M4(Oxidation)	81	9.07E-08	1	1340.652	0.64	Malpighian tubule	X:-:15241215-15241183	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_31058	STIGSADKLNYETLQSMR	AGAP000818-PA	M17(Oxidation)	113	7.61E-11	1	2013.991	-0.21	Midgut	X:-:15241269-15241216	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_31339	HVVMDTITQREQR	AGAP000818-PA	M4(Oxidation)	42	0.000915644	1	1628.816	-0.88	Malpighian tubule	X:-:15241935-15241897	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_32932	HVVMDTITQR	AGAP000818-PA	M4(Oxidation)	54	4.15E-05	2	1199.620	-0.11	Midgut	X:-:15241935-15241906	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_33421	FLAFSSFPR	AGAP000818-PA	-	39	0.001288348	2	1071.563	1.08	Head	X:-:15242019-15241993	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_33722	FLAFSSFPR	AGAP000818-PA	-	56	2.45E-05	2	1071.559	-2.9	Midgut	X:-:15242019-15241993	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_34783	YLDMVANETLR	AGAP000818-PA	M4(Oxidation)	81	9.54E-08	1	1340.650	-1.37	Midgut	X:-:15241215-15241183	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_36380	GVPYLPPVPLLGNGADFITR	AGAP000818-PA	N13(Deamidated)	57	1.25E-05	1	2097.147	4.06	Malpighian tubule	X:-:15242598-15242539	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_36506	VQLQPGDGLWIPAAAIMR	AGAP000818-PA	M17(Oxidation)	64	2.46E-06	1	1936.053	3.02	Visceras	X:-:15241107-15241054	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_38558	SELGADGTAELEMK	AGAP000818-PA	M13(Oxidation)	108	1.40E-10	1	1466.665	-2.07	Midgut	X:-:15242202-15242161	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_38650	TILSPAFTGSK	AGAP000818-PA	-	45	0.000294255	1	1121.623	2.36	Midgut	X:-:15242295-15242263	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_39489	ELTNLDGVQGLK	AGAP000818-PA	-	65	4.14E-06	1	1286.695	-0.1	Midgut	X:-:15242055-15242020	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_41011	ANAFFTLGK	AGAP000818-PA	-	50	9.75E-05	2	968.518	-2.31	Midgut	X:-:15242082-15242056	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_41688	FLAFSSFPR	AGAP000818-PA	-	67	2.25E-06	1	1071.564	1.77	Malpighian tubule	X:-:15242019-15241993	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_43667	WTPAPFLDR	AGAP000818-PA	-	35	0.003943899	2	1102.567	-1.24	Malpighian tubule	X:-:15241179-15241153	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_44797	ELTNLDGVQGLK	AGAP000818-PA	-	60	1.37E-05	2	1286.699	3.22	Head	X:-:15242055-15242020	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_45930	LLTDVLSDMYHR	AGAP000818-PA	-	35	0.004356987	1	1462.736	0.29	Visceras	X:-:15242532-15242497	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_49917	HVVMDTITQR	AGAP000818-PA	M4(Oxidation)	39	0.001328061	2	1215.612	-2.65	Head	X:-:15241935-15241906	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_49946	FEPESAGAPVDSSAMLAFGLGPR	AGAP000818-PA	-	33	0.007490943	2	2306.115	0.97	Head	X:-:15241008-15240940	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_52632	LMFGLITSYCDGAVR	AGAP000818-PA	C10(Carbamidomethyl)	57	3.83E-05	2	1702.837	4.84	Malpighian tubule	X:-:15242256-15242212	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_52919	GIVRHDMINLLMQAR	AGAP000818-PA	M7(Oxidation), M12(Oxidation)	96	2.53E-09	1	1766.957	3.09	Malpighian tubule	X:-:15241896-15241852	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_53495	STIGSADK	AGAP000818-PA	-	39	0.001616149	1	778.396	2.83	Midgut	X:-:15241269-15241246	exon=> In CDS Exon 2 of transcript AGAP000818-PA

JHU_Ag_54468	YLDMVANETLRK	AGAP000818-PA	M4(Oxidation)	86	2.97E-08	1	1452.755	2.21	Malpighian tubule	X:-:15241215-15241180	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_57402	TCTKPYMLEDYDGRR	AGAP000818-PA	C2(Carbamidomethyl)	57	2.08E-05	1	1904.864	0.66	Malpighian tubule	X:-:15241152-15241108	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_58250	GVPYLPPVPLLGNGADFITR	AGAP000818-PA	-	51	3.81E-05	1	2096.158	2.03	Visceras	X:-:15242598-15242539	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_59658	YLDMVANETLR	AGAP000818-PA	-	33	0.007186816	2	1324.658	1.05	Head	X:-:15241215-15241183	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_59786	LLTDVLSDMYHR	AGAP000818-PA	M9(Oxidation)	87	3.39E-08	1	1462.736	-0.03	Midgut	X:-:15242532-15242497	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_63542	GVPYLPPVPLLGNGADFITR	AGAP000818-PA	N13(Deamidated)	31	0.004134248	1	2097.149	5.11	Larva	X:-:15242598-15242539	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_66681	SELGADGTAELEMKELFR	AGAP000818-PA	M13(Oxidation)	103	6.99E-10	1	2011.970	2.82	Midgut	X:-:15242202-15242149	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_67886	STIGSADKLNYETLQSMR	AGAP000818-PA	-	68	2.80E-06	1	2013.992	0.49	Visceras	X:-:15241269-15241216	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_72847	FDENENIETNGGGSQK	AGAP000818-PA	N10(Deamidated)	93	3.72E-09	2	1738.753	1.11	Malpighian tubule	X:-:15241836-15241789	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_75001	FEPESAGAPVDSSAMLAFGLGPR	AGAP000818-PA	M15(Oxidation)	103	6.73E-10	2	2306.114	0.66	Midgut	X:-:15241008-15240940	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_76456	ALFAMR	AGAP000818-PA	-	39	0.001119545	1	708.386	-0.05	Malpighian tubule	X:-:15242337-15242320	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_78017	ANAFFTLGKELTNLDGVQGLK	AGAP000818-PA	-	135	1.92E-13	1	2236.208	4.9	Malpighian tubule	X:-:15242082-15242020	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_80744	GVPYLPPVPLLGNGADFITR	AGAP000818-PA	-	47	0.000104077	1	2096.156	0.98	Head	X:-:15242598-15242539	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_86117	LNYETLQSMR	AGAP000818-PA	-	66	3.45E-06	2	1254.614	-0.44	Head	X:-:15241245-15241216	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_88286	STIGSADKLNYETLQSMR	AGAP000818-PA	M17(Oxidation)	146	3.67E-14	1	2013.992	0.28	Malpighian tubule	X:-:15241269-15241216	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_95274	LRDEIDR	AGAP000818-PA	-	42	0.001338918	1	916.484	-0.73	Malpighian tubule	X:-:15241296-15241276	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_95607	LMFGLITSYCDGAVR	AGAP000818-PA	C10(Carbamidomethyl)	52	0.000109091	2	1702.830	0.25	Midgut	X:-:15242256-15242212	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_96686	VQLQPGDGLWIPAAAIMR	AGAP000818-PA	M17(Oxidation)	119	8.58E-12	2	1936.045	-1.02	Midgut	X:-:15241107-15241054	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_97818	IQLDENHDPLFGR	AGAP000818-PA	-	80	1.52E-07	1	1553.772	0.69	Malpighian tubule	X:-:15242376-15242338	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_99656	FGNDIVATCAFGIEINSFRDR	AGAP000818-PA	C9(Carbamidomethyl)	46	0.000404029	1	2402.162	2.58	Malpighian tubule	X:-:15242145-15242083	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_100130	LLTDVLSDMYHR	AGAP000818-PA	M9(Oxidation)	93	7.92E-09	1	1462.737	1.05	Malpighian tubule	X:-:15242532-15242497	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_106407	QICIKDFDHFVNHR	AGAP000818-PA	C3(Carbamidomethyl)	53	7.20E-05	1	1828.891	0.02	Malpighian tubule	X:-:15242418-15242377	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_106485	FFGYFDFLSPIYVVR	AGAP000818-PA	-	107	2.83E-10	2	1869.957	-0.28	Midgut	X:-:15242481-15242437	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_107005	HVVMDTITQR	AGAP000818-PA	M4(Oxidation)	69	1.20E-06	1	1199.622	1.72	Malpighian tubule	X:-:15241935-15241906	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_108138	DPQLFPEPDRFWPER	AGAP000818-PA	-	70	1.54E-06	1	1928.925	-2.26	Midgut	X:-:15241053-15241009	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_108404	GVPYLPPVPLLGNGADFITR	AGAP000818-PA	N13(Deamidated)	68	1.09E-06	1	2097.141	1.27	Midgut	X:-:15242598-15242539	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_111428	KWTPAPFLDR	AGAP000818-PA	-	37	0.003384927	2	1230.666	2.36	Malpighian tubule	X:-:15241182-15241153	exon=> In CDS Exon 2 of transcript AGAP000818-PA
JHU_Ag_112980	YLDMVANETLRK	AGAP000818-PA	M4(Oxidation)	65	4.38E-06	1	1468.744	-1.99	Midgut	X:-:15241215-15241180	exon=> In CDS Exon 2 of transcript AGAP000818-PA

JHU_Ag_116098	LRLFSAK	AGAP000818-PA	-	41	0.000358743	2	834.519	-0.37	Malpighian tubule	X:-:15241974-15241954	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_116419	ELTNLDGVQGLK	AGAP000818-PA	-	35	0.004306615	2	1286.694	-0.67	Malpighian tubule	X:-:15242055-15242020	exon=> In CDS Exon 1 of transcript AGAP000818-PA
JHU_Ag_19807	DLELVK	AGAP000818-PA,AGAP007480-PA	-	42	0.000672137	1	716.418	-1.16	Midgut	X:-:15242436-15242419;2L:+:46846292-46846309	exon=> In CDS Exon 1 of transcript AGAP000818-PA;exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_36711	DLELVK	AGAP000818-PA,AGAP007480-PA	-	42	0.001372266	1	716.420	1.23	Malpighian tubule	X:-:15242436-15242419;2L:+:46846292-46846309	exon=> In CDS Exon 1 of transcript AGAP000818-PA;exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_108775	DLELVK	AGAP000818-PA,AGAP007480-PA	-	44	0.000501716	1	716.419	-0.39	Male reproductive organs	X:-:15242436-15242419;2L:+:46846292-46846309	exon=> In CDS Exon 1 of transcript AGAP000818-PA;exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_11519	DFDHFVNHR	AGAP000818-PA,AGAP012294-PA	-	46	0.000187062	1	1186.539	0.47	Head	X:-:15242403-15242377;3L:+:39819279-39819305	exon=> In CDS Exon 1 of transcript AGAP000818-PA;exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_97832	DFDHFVNHR	AGAP000818-PA,AGAP012294-PA	-	44	0.000291732	2	1186.541	1.64	Malpighian tubule	X:-:15242403-15242377;3L:+:39819279-39819305	exon=> In CDS Exon 1 of transcript AGAP000818-PA;exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_116323	DFDHFVNHR	AGAP000818-PA,AGAP012294-PA	-	45	0.000215271	1	1186.539	0.3	Midgut	X:-:15242403-15242377;3L:+:39819279-39819305	exon=> In CDS Exon 1 of transcript AGAP000818-PA;exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_15183	QSPVSSPELIDPR	AGAP000819-PA	Q1(Deamidated)	45	0.000375284	2	1425.739	12.01	Head	X:+:15252298-15252336	exon=> In CDS Exon 1 of transcript AGAP000819-PA
JHU_Ag_50733	TPDGYSYTFNKV	AGAP000820-PA	-	35	0.003767718	2	1391.642	-3.98	Head	X:-:15282154-15282119	exon=> In CDS Exon 3 of transcript AGAP000820-PA
JHU_Ag_61501	FGAAYTQEDGTDFK	AGAP000820-PA	-	97	1.81E-09	1	1549.683	1.65	Head	X:-:15282752-15282711	exon=> In CDS Exon 2 of transcript AGAP000820-PA
JHU_Ag_82623	TPDGYSYTFNK	AGAP000820-PA	-	36	0.002614 76	1	1292.580	0.29	Pupa	X:-:15282154-15282122	exon=> In CDS Exon 3 of transcript AGAP000820-PA
JHU_Ag_89949	EETDEQGNRR	AGAP000820-PA	-	28	0.010269373	1	1233.548	1.66	Head	X:-:15282710-15282681	exon=> In CDS Exon 2 of transcript AGAP000820-PA
JHU_Ag_91244	SYDDDGQYDPR	AGAP000820-PA	-	66	2.21E-07	2	1330.519	0.54	Pupa	X:-:15282409-15282377	exon=> In CDS Exon 3 of transcript AGAP000820-PA
JHU_Ag_15466	VPETCCVSNITPEQCEK	AGAP000823-PA	C5(Carbamidomethyl), C6(Carbamidomethyl), C15(Carbamidomethyl)	86	1.95E-08	2	2050.891	1.46	Head	X:+:15328612-15328662	exon=> In CDS Exon 4 of transcript AGAP000823-PA
JHU_Ag_36815	VPETCCVSNITPEQCEK	AGAP000823-PA	C5(Carbamidomethyl), C6(Carbamidomethyl), C15(Carbamidomethyl)	81	5.04E-08	2	2050.890	0.86	Midgut	X:+:15328612-15328662	exon=> In CDS Exon 4 of transcript AGAP000823-PA
JHU_Ag_84454	VPETCCVSNITPEQCEK	AGAP000823-PA	C5(Carbamidomethyl), C6(Carbamidomethyl), C15(Carbamidomethyl)	46	0.000147 53	1	2050.883	-2.23	Male reproductive organs	X:+:15328612-15328662	exon=> In CDS Exon 4 of transcript AGAP000823-PA
JHU_Ag_102741	ATQMEFLASTK	AGAP000823-PA	M4(Oxidation)	52	7.61E-05	1	1242.603	-0.26	Male reproductive organs	X:+:15328663-15328695	exon=> In CDS Exon 4 of transcript AGAP000823-PA
JHU_Ag_107684	EAVQTQYGVIPMR	AGAP000823-PA	M12(Oxidation)	77	3.36E-07	1	1507.765	4.83	Male reproductive organs	X:+:15328281-15328319	exon=> In CDS Exon 3 of transcript AGAP000823-PA
JHU_Ag_54709	ALGLAFR	AGAP000824-PA	-	33	0.003260904	1	747.451	-0.34	Head	X:-:15339224-15339204	exon=> In CDS Exon 1 of transcript AGAP000824-PA
JHU_Ag_85011	GLALIFNHENFDVPQLR	AGAP000830-PA	-	99	1.26E-09	1	1983.046	0.5	Ovary	X:-:15370680-15370630	exon=> In CDS Exon 2 of transcript AGAP000830-PA
JHU_Ag_93668	QEYLQIPIVTR	AGAP000832-PA	-	51	6.15E-05	2	1359.765	1.16	Midgut	X:+:15379662-15379694	exon=> In CDS Exon 1 of transcript AGAP000832-PA
JHU_Ag_7493	MHGGGVDTDKQNGGDTASLR	AGAP000834-PA	N-Term(Acetyl), M1(Oxidation)	110	8.79E-11	1	2073.926	0.28	Malpighian tubule	X:+:15421209-15421238,15421308-15421337	exon=> In CDS Exon 1 and 2 of transcript AGAP000834-PA

JHU_Ag_31506	MHGGGVDTDKQNGGDTASLR	AGAP000834-PA	N-Term(Acetyl), N12(Deamidated)	108	1.45E-10	1	2058.917	1.04	Malpighian tubule	X:+:15421209-15421238,15421308-15421337	exon=> In CDS Exon 1 and 2 of transcript AGAP000834-PA
JHU_Ag_65535	MHGGGVDTDKQNGGDTASLR	AGAP000834-PA	N-Term(Acetyl), M1(Oxidation), N12(Deamidated)	81	7.93E-08	1	2074.919	4.52	Larva	X:+:15421209-15421238,15421308-15421337	exon=> In CDS Exon 1 and 2 of transcript AGAP000834-PA
JHU_Ag_87962	MHGGGVDTDKQNGGDTASLR	AGAP000834-PA	N-Term(Acetyl)	100	9.96E-10	1	2057.929	-0.64	Malpighian tubule	X:+:15421209-15421238,15421308-15421337	exon=> In CDS Exon 1 and 2 of transcript AGAP000834-PA
JHU_Ag_89751	MHGGGVDTDKNGGDTASLR	AGAP000834-PB	N-Term(Acetyl), M1(Oxidation), N11(Deamidated)	56	2.37E-05	1	1946.866	7.5	Larva	X:+:15421209-15421238,15421311-15421337	exon=> In CDS Exon 1 and 2 of transcript AGAP000834-PB
JHU_Ag_7600	ATYLTQLGQVYAK	AGAP000834-PB,AGAP000834-PA	-	101	7.87E-10	1	1455.787	1.75	Salivary gland	X:+:15421777-15421815;X:+:15421777-15421815	exon=> In CDS Exon 3 of transcript AGAP000834-PB;exon=> In CDS Exon 3 of transcript AGAP000834-PA
JHU_Ag_7851	FYTLLPAGVLLGLGAAPMWASK	AGAP000834-PB,AGAP000834-PA	M18(Oxidation)	107	1.24E-10	1	2292.246	-0.22	Malpighian tubule	X:+:15421711-15421776;X:+:15421711-15421776	exon=> In CDS Exon 3 of transcript AGAP000834-PB;exon=> In CDS Exon 3 of transcript AGAP000834-PA
JHU_Ag_18101	GSISATEISGMQLLSATFK	AGAP000834-PB,AGAP000834-PA	-	78	1.98E-07	1	1941.004	1.99	Salivary gland	X:+:15422337-15422393;X:+:15422337-15422393	exon=> In CDS Exon 5 of transcript AGAP000834-PB;exon=> In CDS Exon 5 of transcript AGAP000834-PA
JHU_Ag_28896	KLEEIPK	AGAP000834-PB,AGAP000834-PA	-	51	3.62E-05	1	856.514	-0.13	Malpighian tubule	X:+:15423180-15423200;X:+:15423180-15423200	exon=> In CDS Exon 8 of transcript AGAP000834-PB;exon=> In CDS Exon 8 of transcript AGAP000834-PA
JHU_Ag_43192	GSISATEISGMQLLSATFK	AGAP000834-PB,AGAP000834-PA	M11(Oxidation)	124	5.27E-12	1	1941.001	0.79	Malpighian tubule	X:+:15422337-15422393;X:+:15422337-15422393	exon=> In CDS Exon 5 of transcript AGAP000834-PB;exon=> In CDS Exon 5 of transcript AGAP000834-PA
JHU_Ag_44014	LEEIPK	AGAP000834-PB,AGAP000834-PA	-	32	0.003320382	2	728.420	0.94	Malpighian tubule	X:+:15423183-15423200;X:+:15423183-15423200	exon=> In CDS Exon 8 of transcript AGAP000834-PB;exon=> In CDS Exon 8 of transcript AGAP000834-PA
JHU_Ag_53953	ATYLTQLGQVYAK	AGAP000834-PB,AGAP000834-PA	-	110	9.59E-11	1	1455.787	2	Malpighian tubule	X:+:15421777-15421815;X:+:15421777-15421815	exon=> In CDS Exon 3 of transcript AGAP000834-PB;exon=> In CDS Exon 3 of transcript AGAP000834-PA
JHU_Ag_55968	EAAFSNYR	AGAP000834-PB,AGAP000834-PA	-	41	0.000531363	2	957.442	-0.33	Malpighian tubule	X:+:15422924-15422947;X:+:15422924-15422947	exon=> In CDS Exon 7 of transcript AGAP000834-PB;exon=> In CDS Exon 7 of transcript AGAP000834-PA
JHU_Ag_73668	FYTLLPAGVLLGLGAAPMWASK	AGAP000834-PB,AGAP000834-PA	M18(Oxidation)	51	4.18E-05	2	2292.263	7.22	Larva	X:+:15421711-15421776;X:+:15421711-15421776	exon=> In CDS Exon 3 of transcript AGAP000834-PB;exon=> In CDS Exon 3 of transcript AGAP000834-PA
JHU_Ag_74866	VIEEDDEKDELEEDIVVTHL	AGAP000834-PB,AGAP000834-PA	-	84	6.51E-08	2	2369.135	4.63	Malpighian tubule	X:+:15423228-15423287;X:+:15423228-15423287	exon=> In CDS Exon 8 of transcript AGAP000834-PB;exon=> In CDS Exon 8 of transcript AGAP000834-PA
JHU_Ag_78635	LTDQSVEAIIVR	AGAP000834-PB,AGAP000834-PA	-	92	6.04E-09	1	1343.753	-0.18	Malpighian tubule	X:+:15421816-15421851;X:+:15421816-15421851	exon=> In CDS Exon 3 of transcript AGAP000834-PB;exon=> In CDS Exon 3 of transcript AGAP000834-PA
JHU_Ag_82558	ATYLTQLGQVYAK	AGAP000834-PB,AGAP000834-PA	-	117	1.66E-11	1	1455.789	3.34	Larva	X:+:15421777-15421815;X:+:15421777-15421815	exon=> In CDS Exon 3 of transcript AGAP000834-PB;exon=> In CDS Exon 3 of transcript AGAP000834-PA
JHU_Ag_98300	MHGGGVDTDK	AGAP000834-PB,AGAP000834-PA	N-Term(Acetyl), M1(Oxidation)	40	0.000223326	2	1074.451	-0.72	Malpighian tubule	X:+:15421209-15421238;X:+:15421209-15421238	exon=> In CDS Exon 1 of transcript AGAP000834-PB;exon=> In CDS Exon 1 of transcript AGAP000834-PA
JHU_Ag_104737	KLEEIPK	AGAP000834-PB,AGAP000834-PA	-	41	0.000372642	1	856.515	1.22	Salivary gland	X:+:15423180-15423200;X:+:15423180-15423200	exon=> In CDS Exon 8 of transcript AGAP000834-PB;exon=> In CDS Exon 8 of transcript AGAP000834-PA

JHU_Ag_115247	KLEEIPK	AGAP000834-PB,AGAP000834-PA	-	46	0.000116439	2	856.517	4	Larva	X:+:15423180-15423200;X:+:15423180-15423200	exon=> In CDS Exon 8 of transcript AGAP000834-PB;exon=> In CDS Exon 8 of transcript AGAP000834-PA
JHU_Ag_12406	FFAVYGSDEGYR	AGAP000835-PA	-	42	0.000588164	1	1410.632	-0.09	Ovary	X:+:15431727-15431762	exon=> In CDS Exon 4 of transcript AGAP000835-PA
JHU_Ag_111771	HTALDTSSLFR	AGAP000835-PA	-	38	0.002834549	2	1247.640	1.62	Ovary	X:+:15430845-15430877	exon=> In CDS Exon 1 of transcript AGAP000835-PA
JHU_Ag_3322	SPAGFGLFHGTLESR	AGAP000842-PA	-	55	4.99E-05	1	1575.795	2.35	Malpighian tubule	X:+:15559707-15559751	exon=> In CDS Exon 1 of transcript AGAP000842-PA
JHU_Ag_10937	VVAVK	AGAP000843-PA	-	32	0.001521129	1	515.356	0.89	Head	X:-:15563931-15563917	exon=> In CDS Exon 1 of transcript AGAP000843-PA
JHU_Ag_26847	TAAALVAGSTGLVQNQLR	AGAP000847-PB	Q16(Deamidated)	33	0.003857785	2	1770.975	2.45	Head	X:+:15682830-15682883	exon=> In CDS Exon 3 of transcript AGAP000847-PB
JHU_Ag_56665	RPNNCLFNR	AGAP000848-PA	C5(Carbamidomethyl)	46	0.000387012	1	1190.584	-1.04	Head	X:-:15697881-15697855	exon=> In CDS Exon 9 of transcript AGAP000848-PA
JHU_Ag_62409	GPTDGSDGADGGDPK	AGAP000848-PA	-	64	1.16E-06	2	1345.553	1.64	Head	X:-:15697926-15697882	exon=> In CDS Exon 9 of transcript AGAP000848-PA
JHU_Ag_43972	TLKEGEKPSWP	AGAP000849-PA	-	52	8.29E-05	2	1271.664	0.32	Malpighian tubule	X:-:15717203-15717171	exon=> In CDS Exon 1 of transcript AGAP000849-PA
JHU_Ag_60253	EGEKPSWP	AGAP000849-PA	-	34	0.002603418	2	929.437	0.87	Visceras	X:-:15717194-15717171	exon=> In CDS Exon 1 of transcript AGAP000849-PA
JHU_Ag_115997	MFGLNR	AGAP000849-PA	M1(Oxidation)	35	0.002431162	2	753.370	-1.71	Head	X:-:15717335-15717318	exon=> In CDS Exon 1 of transcript AGAP000849-PA
JHU_Ag_7406	KLSFFVAVPAVGLCMLNAYLK	AGAP000851-PA	C14(Carbamidomethyl), M15(Oxidation)	64	2.23E-06	1	2357.274	-0.83	Head	X:-:15724719-15724657	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_10282	HQEEHGHPRPEFVK	AGAP000851-PA	-	69	1.88E-06	1	1726.845	2.52	Larva	X:-:15724656-15724615	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_23040	HQEEHGHPRPEFVKYEHLR	AGAP000851-PA	-	83	8.83E-08	1	2425.198	2.87	Malpighian tubule	X:-:15724656-15724600	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_24214	RFPWGEGNK	AGAP000851-PA	-	52	0.000134561	2	1090.540	-2.48	Head	X:-:15724587-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_27420	FPWGEGNKSLFHNPHTNALPDGYEH	AGAP000851-PA	-	75	4.27E-07	1	2864.324	2.26	Malpighian tubule	X:-:15724584-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_27835	FPWGEGNK	AGAP000851-PA	-	47	0.000349473	1	934.441	-0.35	Pupa	X:-:15724584-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_28332	FPWGEGNK	AGAP000851-PA	-	47	0.000309644	1	934.444	2.27	Visceras	X:-:15724584-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_29222	HQEEHGHPRPEFVK	AGAP000851-PA	-	67	2.83E-06	1	1726.842	0.82	Pupa	X:-:15724656-15724615	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_33773	FPWGEGNK	AGAP000851-PA	-	47	0.000354582	1	934.441	-0.48	Head	X:-:15724584-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_33926	RFPWGEGNK	AGAP000851-PA	-	44	0.000718917	2	1090.546	2.56	Malpighian tubule	X:-:15724587-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_41945	HQEEHGHPRPEFVK	AGAP000851-PA	-	66	3.42E-06	1	1726.840	-0.67	Midgut	X:-:15724656-15724615	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_49287	SLFHNPHTNALPDGYEH	AGAP000851-PA	N9(Deamidated)	127	2.46E-12	1	1948.888	-3.18	Midgut	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_53708	SLFHNPHTNALPDGYEH	AGAP000851-PA	-	114	5.74E-11	1	1948.894	0.07	Salivary gland	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_54020	HQEEHGHPRPEFVK	AGAP000851-PA	-	89	2.05E-08	1	1726.841	0.23	Visceras	X:-:15724656-15724615	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_57517	FPWGEGNK	AGAP000851-PA	-	42	0.001029317	1	934.444	1.92	Malpighian tubule	X:-:15724584-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_67077	SLFHNPHTNALPDGYEH	AGAP000851-PA	N9(Deamidated)	111	1.04E-10	1	1948.898	2.04	Ovary	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA

JHU_Ag_68026	NAEVGGPSAVAGHEAGGYK	AGAP000851-PA	-	42	0.000783976	2	1770.839	-1.11	Head	X:-:15725016-15725070,157245 07-15724729	exon=> In CDS Exon 2 and 1 of transcript AGAP000851-PA
JHU_Ag_68096	SLFHNPHTNALPDGYEH	AGAP000851-PA	-	111	9.44E-11	1	1948.899	2.51	Larva	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_69321	LSFFVAVPAVGLCMLNAYLK	AGAP000851-PA	C13(Carbamidomethyl), M14(Oxidation),C13(Carb amidomethyl)	50	7.82E-05	2	2213.193	2.91	Midgut	X:-:15724716-15724657	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_73572	SLFHNPHTNALPDGYEH	AGAP000851-PA	N5(Deamidated),N9(Dea midated)	130	1.20E-12	1	1948.898	2.39	Malpighian tubule	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_74123	SLFHNPHTNALPDGYEH	AGAP000851-PA	N9(Deamidated)	105	4.02E-10	1	1948.895	0.91	Pupa	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_74730	RFPWGEGNK	AGAP000851-PA	-	47	0.000388079	2	1090.542	-1.02	Pupa	X:-:15724587-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_84862	RFPWGEGNK	AGAP000851-PA	-	56	4.17E-05	2	1090.543	0.21	Visceras	X:-:15724587-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_87379	LSFFVAVPAVGLCMLNAYLK	AGAP000851-PA	C13(Carbamidomethyl)	41	0.000607924	1	2213.195	4.02	Visceras	X:-:15724716-15724657	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_91443	FPWGEGNK	AGAP000851-PA	-	49	0.000195441	1	934.441	-0.87	Midgut	X:-:15724584-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_91565	KLSFFVAVPAVGLCMLNAYLK	AGAP000851-PA	C14(Carbamidomethyl)	125	1.34E-12	1	2341.281	-0.09	Midgut	X:-:15724719-15724657	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_95109	NAEVGGPSAVAGHEAGGYK	AGAP000851-PA	-	109	1.85E-10	1	1770.844	2.06	Visceras	X:-:15725016-15725070,157245 07-15724729	exon=> In CDS Exon 2 and 1 of transcript AGAP000851-PA
JHU_Ag_96582	HQEEHGHPRPEFVKYEHLR	AGAP000851-PA	-	99	2.08E-09	1	2425.182	-3.79	Midgut	X:-:15724656-15724600	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_99346	SLFHNPHTNALPDGYEH	AGAP000851-PA	N5(Deamidated),N9(Dea midated)	132	7.63E-13	1	1948.896	1.26	Head	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_102802	SLFHNPHTNALPDGYEH	AGAP000851-PA	-	117	2.67E-11	1	1948.894	0.01	Visceras	X:-:15724560-15724510	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_102935	HQEEHGHPRPEFVK	AGAP000851-PA	-	67	3.23E-06	1	1726.844	1.6	Head	X:-:15724656-15724615	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_110421	HQEEHGHPRPEFVK	AGAP000851-PA	-	56	4.18E-05	1	1726.845	2.16	Malpighian tubule	X:-:15724656-15724615	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_116519	RFPWGEGNK	AGAP000851-PA	-	37	0.003293353	2	1090.539	-3.15	Midgut	X:-:15724587-15724561	exon=> In CDS Exon 2 of transcript AGAP000851-PA
JHU_Ag_19862	AGLSMQVVR	AGAP000852-PA	M5(Oxidation)	57	2.63E-05	2	976.526	1.16	Malpighian tubule	X:-:15730275-15730392,157295 02-15729610	exon=> In CDS Exon 3 and 2 of transcript AGAP000852-PA
JHU_Ag_29017	GSESEHINLK	AGAP000852-PA	-	63	4.59E-06	1	1113.549	-4.39	Head	X:-:15730392-15730363	exon=> In CDS Exon 2 of transcript AGAP000852-PA
JHU_Ag_57174	KGSESEHINLK	AGAP000852-PA	-	58	1.89E-05	1	1241.644	-3.25	Head	X:-:15731196-15731211,157302 73-15730363	exon=> In CDS Exon 2 and 1 of transcript AGAP000852-PA
JHU_Ag_58384	KGSESEHINLK	AGAP000852-PA	-	50	9.12E-05	1	1241.650	1.04	Ovary	X:-:15731196-15731211,157302 73-15730363	exon=> In CDS Exon 2 and 1 of transcript AGAP000852-PA
JHU_Ag_75076	AGLSMQVVR	AGAP000852-PA	M5(Oxidation)	65	4.23E-06	2	976.524	-0.21	Ovary	X:-:15730275-15730392,157295 02-15729610	exon=> In CDS Exon 3 and 2 of transcript AGAP000852-PA
JHU_Ag_14841	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	-	99	1.82E-09	1	1317.718	1.51	Head	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA

JHU_Ag_18566	LMNAYCDR	AGAP000852-PA,AGAP001701-PA	M2(Oxidation), C6(Carbamidomethyl)	50	2.56E-05	2	1058.440	1	Ovary	X:-:15730299-15730276;2R:-:8800900-8800877	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_42203	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	-	83	6.39E-08	1	1317.717	0.87	Pupa	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_44676	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	-	56	3.57E-05	1	1317.715	-0.89	Visceras	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_45606	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	-	88	2.11E-08	1	1317.718	1.14	Malpighian tubule	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_65975	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	-	95	4.48E-09	1	1317.716	0.13	Male reproductive organs	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_78721	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	-	56	3.38E-05	1	1317.715	-0.62	Salivary gland	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_79345	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	-	43	0.000598334	1	1317.719	1.79	Larva	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_92778	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	N6(Deamidated)	91	1.01E-08	1	1317.715	-0.8	Midgut	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_104245	VLGQDNAVVQFK	AGAP000852-PA,AGAP001701-PA	N6(Deamidated)	98	2.30E-09	1	1317.718	1.42	Ovary	X:-:15730362-15730327;2R:-:8800963-8800928	exon=> In CDS Exon 2 of transcript AGAP000852-PA;exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_32584	AILEGLVQGVR	AGAP000856-PA	-	86	5.57E-09	2	1154.690	0.96	Midgut	X:+:15787201-15787233	exon=> In CDS Exon 3 of transcript AGAP000856-PA
JHU_Ag_13342	RETILSAAQR	AGAP000857-PA	-	45	0.000383395	2	1144.639	-4.15	Head	X:-:15791791-15791762	exon=> In CDS Exon 3 of transcript AGAP000857-PA
JHU_Ag_57005	TTLLQIVDNEVVK	AGAP000857-PA	-	86	1.47E-08	2	1471.842	3.41	Pupa	X:-:15791617-15791845,157907 78-15791495	exon=> In CDS Exon 4 and 3 of transcript AGAP000857-PA
JHU_Ag_60414	FIVSPEAQLPSGTALTVSHFR	AGAP000857-PA	-	62	5.91E-06	1	2257.196	-0.72	Ovary	X:-:15791317-15791255	exon=> In CDS Exon 4 of transcript AGAP000857-PA
JHU_Ag_62616	TTLLQIVDNEVVK	AGAP000857-PA	-	98	9.78E-10	1	1471.839	1.26	Midgut	X:-:15791617-15791845,157907 78-15791495	exon=> In CDS Exon 4 and 3 of transcript AGAP000857-PA
JHU_Ag_89232	KPYGCLLVGAEHGDPSLFTK	AGAP000857-PA	C5(Carbamidomethyl)	41	0.001161488	1	2189.108	0.84	Visceras	X:-:15791434-15791375	exon=> In CDS Exon 4 of transcript AGAP000857-PA
JHU_Ag_96134	FIVSPEAQLPSGTALTVSHFR	AGAP000857-PA	-	61	6.30E-06	1	2257.205	3.09	Visceras	X:-:15791317-15791255	exon=> In CDS Exon 4 of transcript AGAP000857-PA
JHU_Ag_98741	TTLLQIVDNEVVK	AGAP000857-PA	-	82	3.83E-08	1	1471.836	-0.24	Ovary	X:-:15791617-15791845,157907 78-15791495	exon=> In CDS Exon 4 and 3 of transcript AGAP000857-PA

JHU_Ag_104101	TTLLQIVDNEVVK	AGAP000857-PA	-	43	0.000297436	2	1471.840	2.25	Salivary gland	X:-:15791617-15791845,157907 78-15791495	exon=> In CDS Exon 4 and 3 of transcript AGAP000857-PA
JHU_Ag_110772	FIVSPEAQLPSGTALTVSHFR	AGAP000857-PA	-	50	9.18E-05	1	2257.200	1.15	Pupa	X:-:15791317-15791255	exon=> In CDS Exon 4 of transcript AGAP000857-PA
JHU_Ag_121	IFSAFDSCQALGK	AGAP000861-PA	C8(Carbamidomethyl)	47	0.000238429	2	1443.701	4.92	Salivary gland	X:-:15866758-15866720	exon=> In CDS Exon 3 of transcript AGAP000861-PA
JHU_Ag_7942	LNSWLGQILLR	AGAP000861-PA	-	42	0.000218667	2	1312.775	1.37	Male reproductive organs	X:-:15862963-15862931	exon=> In CDS Exon 5 of transcript AGAP000861-PA
JHU_Ag_27527	LNSWLGQILLR	AGAP000861-PA	N2(Deamidated)	33	0.002810943	1	1313.746	-9.23	Head	X:-:15862963-15862931	exon=> In CDS Exon 5 of transcript AGAP000861-PA
JHU_Ag_38192	GIEAATIDLQR	AGAP000861-PA	-	49	0.000165687	2	1186.642	-0.57	Salivary gland	X:-:15862316-15862284	exon=> In CDS Exon 6 of transcript AGAP000861-PA
JHU_Ag_47720	LNSWLGQILLR	AGAP000861-PA	-	59	4.42E-06	2	1312.780	5	Salivary gland	X:-:15862963-15862931	exon=> In CDS Exon 5 of transcript AGAP000861-PA
JHU_Ag_57169	EVQTQQTEIAASIVR	AGAP000861-PA	-	65	3.68E-06	2	1672.892	3.44	Malpighian tubule	X:-:15868114-15868189,158670 51-15867981	exon=> In CDS Exon 2 and 1 of transcript AGAP000861-PA
JHU_Ag_85447	VVNWWSPPAK	AGAP000861-PA	-	41	0.000667549	2	1183.628	1.95	Salivary gland	X:-:15862223-15862194	exon=> In CDS Exon 6 of transcript AGAP000861-PA
JHU_Ag_88353	EVQTQQTEIAASIVR	AGAP000861-PA	-	62	7.17E-06	2	1672.892	3.44	Salivary gland	X:-:15868114-15868189,158670 51-15867981	exon=> In CDS Exon 2 and 1 of transcript AGAP000861-PA
JHU_Ag_107368	EVQTQQTEIAASIVR	AGAP000861-PA	-	56	3.19E-05	2	1672.889	1.61	Male reproductive organs	X:-:15868114-15868189,158670 51-15867981	exon=> In CDS Exon 2 and 1 of transcript AGAP000861-PA
JHU_Ag_573	YRVQEALVQEPQYASTK	AGAP000862-PA	-	87	2.73E-08	1	2010.029	0.06	Midgut	X:+:15871305-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_995	AAVQVAPFKVDFFQQGR	AGAP000862-PA	-	82	6.06E-08	1	1908.012	-0.55	Malpighian tubule	X:+:15871416-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_2027	RYYADQYLLTNFR	AGAP000862-PA	-	36	0.004713129	1	1722.861	0.38	Midgut	X:+:15872532-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_2277	QYITLTLVHQR	AGAP000862-PA	-	43	0.000349327	2	1371.782	5.78	Larva	X:+:15871179-15871211	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_2803	FDEYDIPMDTMWLDIEYTDGKR	AGAP000862-PA	M8(Oxidation), M11(Oxidation)	56	1.83E-05	1	2785.217	5.74	Larva	X:+:15872223-15872288	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_4466	VLFGVPEHADSFALR	AGAP000862-PA	-	55	4.34E-05	1	1657.867	-1.71	Pupa	X:+:15871734-15871778	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_5283	VQEALVQEPQYASTK	AGAP000862-PA	-	81	1.42E-07	1	1690.868	1.72	Ovary	X:+:15871311-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_6654	DGDVVTVR	AGAP000862-PA	-	53	0.000115295	2	860.450	3.67	Larva	X:+:15873871-15873894	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_7236	HTSTGVEAIPVDSYK	AGAP000862-PA	-	70	1.69E-06	2	1603.802	3.67	Midgut	X:+:15873345-15873389	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_8163	AAVQVAPFKVDFFQQGR	AGAP000862-PA	-	60	9.10E-06	1	1908.015	1.18	Ovary	X:+:15871416-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_8979	HDPYTLTVALDR	AGAP000862-PA	-	47	0.000271469	2	1400.718	0.57	Salivary gland	X:+:15873465-15873500	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_9133	GAGSFHMQVDEREPLSVR	AGAP000862-PA	M7(Oxidation)	56	4.23E-05	1	2030.970	-0.88	Midgut	X:+:15871251-15871304	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_9393	HDPYTLTVALDR	AGAP000862-PA	-	63	7.44E-06	1	1400.718	0.66	Ovary	X:+:15873465-15873500	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_11539	VDFFQQGR	AGAP000862-PA	-	54	4.79E-05	1	996.491	0.91	Malpighian tubule	X:+:15871443-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_12408	DGGYFFHNECTDKGLYVK	AGAP000862-PA	C10(Carbamidomethyl)	80	1.22E-07	1	2149.978	6.32	Larva	X:+:15872397-15872450	exon=> In CDS Exon 2 of transcript AGAP000862-PA

JHU_Ag_12677	QYITLTLVHQR	AGAP000862-PA	-	56	2.59E-05	2	1371.779	3.38	Head	X:+:15871179-15871211	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_12973	HTSTGVEAIPVDSYK	AGAP000862-PA	-	81	1.11E-07	2	1603.794	-1.43	Head	X:+:15873345-15873389	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_13173	SLEPQTSEFEVLPQSLQQFK	AGAP000862-PA	-	93	5.85E-09	1	2335.192	4.56	Larva	X:+:15871119-15871178	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_13232	FPHPVEMIR	AGAP000862-PA	M7(Oxidation)	52	7.80E-05	1	1141.583	0.59	Malpighian tubule	X:+:15872313-15872339	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_14240	QPTAATLYTDASGAASGR	AGAP000862-PA	-	80	1.79E-07	1	1737.840	-0.24	Malpighian tubule	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_14856	DVYFPVR	AGAP000862-PA	-	34	0.002530803	1	895.473	6.16	Larva	X:+:15873276-15873296	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_15435	GAGSFHMQVDER	AGAP000862-PA	M7(Oxidation)	46	0.000216791	1	1349.596	4.49	Larva	X:+:15871251-15871286	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_16437	VQEALVQEPQYASTK	AGAP000862-PA	-	98	2.46E-09	1	1690.866	0.92	Head	X:+:15871311-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_16851	QYITLTLVHQR	AGAP000862-PA	-	35	0.002647352	2	1371.776	0.98	Pupa	X:+:15871179-15871211	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_17697	QPTAATLYTDASGAASGR	AGAP000862-PA	-	55	5.69E-05	2	1737.837	-1.99	Visceras	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_18153	AAVQVAPFKVDFFQQGR	AGAP000862-PA	-	54	3.13E-05	1	1908.020	3.77	Head	X:+:15871416-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_18697	YYADQYLLTNFR	AGAP000862-PA	-	98	2.79E-09	1	1566.766	4.74	Head	X:+:15872535-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_19347	DVHNLYGHMQLIATFDGLLR	AGAP000862-PA	M9(Oxidation)	133	6.28E-13	1	2329.187	4.96	Larva	X:+:15872685-15872744	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_20251	GPEGLALDFTFPQAK	AGAP000862-PA	-	111	1.05E-10	1	1590.824	5.07	Malpighian tubule	X:+:15871689-15871733	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_20591	VPVFQR	AGAP000862-PA	-	36	0.004108102	2	745.437	2.32	Larva	X:+:15873390-15873407	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_21903	GPLPQLYAIAYHQCR	AGAP000862-PA	C14(Carbamidomethyl)	125	4.65E-12	1	1786.910	2.23	Malpighian tubule	X:+:15872133-15872177	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_22519	HDPYTLTVALDR	AGAP000862-PA	-	58	2.09E-05	2	1400.715	-1.7	Midgut	X:+:15873465-15873500	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_22866	HTSTGVEAIPVDSYK	AGAP000862-PA	-	92	1.00E-08	1	1603.798	0.93	Pupa	X:+:15873345-15873389	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_23135	AAVQVAPFK	AGAP000862-PA	-	40	0.001038505	1	930.541	0.65	Midgut	X:+:15871416-15871442	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_24064	VESTSGTLIMVACGEAPDVK	AGAP000862-PA	M10(Oxidation), C13(Carbamidomethyl)	103	7.02E-10	1	2080.002	3.94	Malpighian tubule	X:+:15871356-15871415	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_25091	WYQTGAFQPFFR	AGAP000862-PA	-	45	0.000491506	2	1547.752	5.46	Malpighian tubule	X:+:15872964-15872999	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_26966	VQEALVQEPQYASTK	AGAP000862-PA	-	110	1.46E-10	2	1690.874	5.4	Larva	X:+:15871311-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_27490	LLPFWYTAFYEHER	AGAP000862-PA	-	37	0.003511357	1	1871.914	1.44	Pupa	X:+:15873096-15873137	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_27618	GPEGLALDFTFPQAK	AGAP000862-PA	-	110	1.58E-10	1	1590.827	6.45	Larva	X:+:15871689-15871733	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_27747	VDFFQQGR	AGAP000862-PA	-	55	3.30E-05	2	996.491	0.85	Salivary gland	X:+:15871443-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_27809	VESTSGTLIMVACGEAPDVK	AGAP000862-PA	M10(Oxidation), C13(Carbamidomethyl)	70	1.37E-06	2	2080.007	6.41	Larva	X:+:15871356-15871415	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_27885	YYADQYLLTNFR	AGAP000862-PA	-	78	2.88E-07	1	1566.760	1	Malpighian tubule	X:+:15872535-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_28303	AAVQVAPFKVDFFQQGR	AGAP000862-PA	-	78	1.39E-07	1	1908.021	4.44	Pupa	X:+:15871416-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA

JHU_Ag_29557	WYQTGAFQPFFR	AGAP000862-PA	-	69	2.13E-06	1	1547.744	0.81	Ovary	X:+:15872964-15872999	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_31929	VLFGVPEHADSFALR	AGAP000862-PA	-	62	8.79E-06	1	1657.875	3.27	Ovary	X:+:15871734-15871778	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_32369	LRPFILTR	AGAP000862-PA	-	39	0.000120226	1	1015.644	2.46	Salivary gland	X:+:15872760-15872783	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_32445	GTLYIDDEESYEYR	AGAP000862-PA	-	91	6.79E-09	2	1752.765	2.85	Pupa	X:+:15873516-15873557	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_32499	SLEPQTSEFEVLPQSLQQFK	AGAP000862-PA	-	61	1.15E-05	2	2335.186	1.87	Pupa	X:+:15871119-15871178	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_32778	GPLPQLYAIAYHQCR	AGAP000862-PA	C14(Carbamidomethyl)	53	8.42E-05	1	1786.908	1.3	Salivary gland	X:+:15872133-15872177	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_33093	FPHPVEMIR	AGAP000862-PA	M7(Oxidation)	41	0.000954074	1	1141.586	3.16	Ovary	X:+:15872313-15872339	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_33256	GLPIMRPLLAHYPADVNAFAIDHQYLLGDQLLVAPVLDQK	AGAP000862-PA	M5(Oxidation)	62	7.22E-07	1	4441.404	6.68	Larva	X:+:15873141-15873260	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_33422	VLFGVPEHADSFALR	AGAP000862-PA	-	68	1.88E-06	1	1657.872	1.57	Head	X:+:15871734-15871778	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_33504	VLFGVPEHADSFALR	AGAP000862-PA	-	69	1.60E-06	1	1657.879	5.55	Larva	X:+:15871734-15871778	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_35060	DGGYFFHNECTDK	AGAP000862-PA	C10(Carbamidomethyl)	47	4.43E-05	1	1589.635	1.79	Salivary gland	X:+:15872397-15872435	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_35195	VLFGVPEHADSFALR	AGAP000862-PA	-	93	7.12E-09	1	1657.870	-0.05	Midgut	X:+:15871734-15871778	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_35636	DVEMVSAK	AGAP000862-PA	M4(Oxidation)	41	0.001051782	2	894.425	1.01	Head	X:+:15872199-15872222	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_37064	GPLPQLYAIAYHQCR	AGAP000862-PA	C14(Carbamidomethyl)	97	3.41E-09	1	1786.915	5.34	Larva	X:+:15872133-15872177	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_37115	VQEALVQEPQYASTK	AGAP000862-PA	-	101	1.26E-09	1	1690.868	2.15	Malpighian tubule	X:+:15871311-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_37212	RDGGYFFHNECTDK	AGAP000862-PA	C11(Carbamidomethyl)	39	0.000666511	1	1745.731	-1.34	Head	X:+:15872394-15872435	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_38368	HLTIIIDPHIK	AGAP000862-PA	-	54	1.29E-05	1	1299.779	0.54	Pupa	X:+:15872361-15872393	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_38958	DGGYFFHNECTDK	AGAP000862-PA	C10(Carbamidomethyl)	60	2.20E-06	1	1589.635	1.79	Ovary	X:+:15872397-15872435	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_39078	TEQQLQEEAAADRGEQK	AGAP000862-PA	-	40	0.001505777	1	1930.917	3.29	Larva	X:+:15871536-15871586	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_39686	QPTAATLYTDASGAASGR	AGAP000862-PA	-	89	1.99E-08	2	1737.847	3.77	Salivary gland	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_39839	HTSTGVEAIPVDSYK	AGAP000862-PA	-	100	1.58E-09	1	1603.805	5.73	Larva	X:+:15873345-15873389	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_39915	VESTSGTLIMVACGEAPDVK	AGAP000862-PA	M10(Oxidation), C13(Carbamidomethyl)	98	2.09E-09	1	2079.999	2.65	Midgut	X:+:15871356-15871415	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_41168	VLFGVPEHADSFALRHTATK	AGAP000862-PA	-	52	5.74E-05	1	2196.166	4.44	Malpighian tubule	X:+:15871734-15871793	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_41963	VQEALVQEPQYASTK	AGAP000862-PA	-	111	1.28E-10	2	1690.865	0.2	Midgut	X:+:15871311-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_42276	VQEALVQEPQYASTK	AGAP000862-PA	-	79	1.93E-07	1	1690.871	3.81	Salivary gland	X:+:15871311-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_42716	SRDVYFPVR	AGAP000862-PA	-	39	0.001648679	1	1138.601	0.84	Malpighian tubule	X:+:15873270-15873296	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_43295	DGGYFFHNECTDKGLYVK	AGAP000862-PA	C10(Carbamidomethyl)	63	5.79E-06	1	2149.974	4.19	Malpighian tubule	X:+:15872397-15872450	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_43514	WYQTGAFQPFFR	AGAP000862-PA	-	45	0.000539547	1	1547.745	0.96	Visceras	X:+:15872964-15872999	exon=> In CDS Exon 2 of transcript AGAP000862-PA

JHU_Ag_44298	HTSTGVEAIPVDSYK	AGAP000862-PA	-	59	1.89E-05	2	1603.801	3.14	Salivary gland	X:+:15873345-15873389	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_47205	RYYADQYLLTNFR	AGAP000862-PA	-	59	2.01E-05	2	1722.867	3.85	Larva	X:+:15872532-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_48431	YYADQYLLTNFR	AGAP000862-PA	-	98	2.38E-09	1	1566.757	-0.87	Ovary	X:+:15872535-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_49028	HTSTGVEAIPVDSYK	AGAP000862-PA	-	109	1.82E-10	1	1603.802	3.29	Malpighian tubule	X:+:15873345-15873389	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_49043	DAWSIRLDF	AGAP000862-PA	-	51	0.000162554	2	1122.563	4.26	Malpighian tubule	X:+:15873916-15873942	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_49717	KIDMTASYK	AGAP000862-PA	-	34	0.003419921	2	1056.538	-1.02	Pupa	X:+:15873730-15873756	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_50389	LRPFILTR	AGAP000862-PA	-	22	0.00610942	2	1015.644	2.94	Larva	X:+:15872760-15872783	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_50985	VLFGVPEHADSFALR	AGAP000862-PA	-	49	0.000178946	1	1657.867	-1.82	Salivary gland	X:+:15871734-15871778	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_51749	GAGSFHMQVDEREPLSVR	AGAP000862-PA	M7(Oxidation)	108	2.90E-10	1	2030.967	-2.32	Malpighian tubule	X:+:15871251-15871304	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_51816	GPEGLALDFTFPQAK	AGAP000862-PA	-	121	1.29E-11	1	1590.817	0.31	Ovary	X:+:15871689-15871733	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_52074	GPEGLALDFTFPQAK	AGAP000862-PA	-	103	7.32E-10	1	1590.817	0.39	Midgut	X:+:15871689-15871733	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_52557	YYADQYLLTNFR	AGAP000862-PA	-	102	1.11E-09	1	1566.768	5.59	Larva	X:+:15872535-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_53354	LLPFWYTAFYEHER	AGAP000862-PA	-	31	0.011539116	1	1871.911	-0.51	Midgut	X:+:15873096-15873137	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_55025	TEQQLQEEAAADR	AGAP000862-PA	-	77	2.40E-07	2	1488.695	1.55	Malpighian tubule	X:+:15871536-15871574	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_55341	VDFFQQGR	AGAP000862-PA	-	49	0.000135945	2	996.493	3.42	Ovary	X:+:15871443-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_55870	QPTAATLYTDASGAASGR	AGAP000862-PA	-	111	1.30E-10	2	1737.843	1.53	Head	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_56604	LRPFILTR	AGAP000862-PA	-	32	0.00070209	1	1015.641	0.12	Malpighian tubule	X:+:15872760-15872783	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_56834	SLEPQTSEFEVLPQSLQQFK	AGAP000862-PA	-	78	2.25E-07	1	2335.180	-0.53	Midgut	X:+:15871119-15871178	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_58912	GTLYIDDEESYEYR	AGAP000862-PA	-	89	1.06E-08	2	1752.761	0.34	Salivary gland	X:+:15873516-15873557	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_60751	WYQTGAFQPFFR	AGAP000862-PA	-	80	1.68E-07	1	1547.751	5.3	Larva	X:+:15872964-15872999	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_62421	SLEPQTSEFEVLPQSLQQFK	AGAP000862-PA	-	117	2.69E-11	1	2335.191	3.86	Ovary	X:+:15871119-15871178	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_62448	TDTWLER	AGAP000862-PA	-	43	0.000936868	2	920.449	1.71	Malpighian tubule	X:+:15873757-15873777	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_62763	TEQQLQEEAAADRGEQK	AGAP000862-PA	-	53	8.98E-05	3	1930.924	7.27	Midgut	X:+:15871536-15871586	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_62764	FPHPVEMIR	AGAP000862-PA	M7(Oxidation)	56	3.14E-05	1	1141.583	0.67	Larva	X:+:15872313-15872339	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_67762	GTLYIDDEESYEYR	AGAP000862-PA	-	109	1.23E-10	2	1752.766	3.62	Larva	X:+:15873516-15873557	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_68225	HDPYTLTVALDR	AGAP000862-PA	-	62	8.55E-06	2	1400.721	2.92	Head	X:+:15873465-15873500	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_69181	DGGYFFHNECTDK	AGAP000862-PA	C10(Carbamidomethyl)	65	6.70E-07	1	1589.632	-0.44	Pupa	X:+:15872397-15872435	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_69677	YYADQYLLTNFR	AGAP000862-PA	-	104	6.65E-10	1	1566.765	4.03	Salivary gland	X:+:15872535-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA

JHU_Ag_70943	REPWLFPEDVR	AGAP000862-PA	-	45	0.000424902	2	1443.735	-1.97	Midgut	X:+:15873027-15873059	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_71138	QYITLTLVHQR	AGAP000862-PA	-	41	0.000734195	3	1371.775	0.52	Midgut	X:+:15871179-15871211	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_72515	WNYNDERDVEMVSAK	AGAP000862-PA	M11(Oxidation)	37	0.001769878	1	1871.829	3.21	Ovary	X:+:15872178-15872222	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_73872	GLPIMRPLLAHYPADVNAFAIDHQYLLGDQLLVAPVLDQK	AGAP000862-PA	M5(Oxidation)	31	0.001632126	1	4441.373	-0.19	Malpighian tubule	X:+:15873141-15873260	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_74322	HLTIIIDPHIKR	AGAP000862-PA	-	45	4.78E-05	1	1455.884	3.23	Malpighian tubule	X:+:15872361-15872396	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_75650	ADGQGDWWYDWDTQQK	AGAP000862-PA	-	85	1.20E-08	1	1998.828	1.22	Pupa	X:+:15873297-15873344	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_76034	VDFFQQGR	AGAP000862-PA	-	51	8.42E-05	2	996.490	0.36	Pupa	X:+:15871443-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_76342	NKDGGDYEGWCWPGSASYVDFFSPDAR	AGAP000862-PA	C11(Carbamidomethyl)	58	6.71E-06	1	3083.308	5.72	Larva	X:+:15872451-15872531	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_77970	DNLHHGGLEHR	AGAP000862-PA	-	51	8.70E-05	1	1284.616	-2.15	Head	X:+:15872652-15872684	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_78869	GPLPQLYAIAYHQCR	AGAP000862-PA	C14(Carbamidomethyl)	44	0.000629955	1	1786.906	-0.03	Head	X:+:15872133-15872177	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_80565	GPEGLALDFTFPQAK	AGAP000862-PA	-	95	5.08E-09	2	1590.821	2.92	Pupa	X:+:15871689-15871733	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_80578	GTLYIDDEESYEYR	AGAP000862-PA	-	115	2.88E-11	1	1752.764	2.36	Malpighian tubule	X:+:15873516-15873557	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_81168	SRDVYFPVR	AGAP000862-PA	-	41	0.000798585	2	1138.603	2.45	Larva	X:+:15873270-15873296	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_81857	QPTAATLYTDASGAASGR	AGAP000862-PA	-	117	2.93E-11	2	1737.846	3.42	Pupa	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_82461	LLPFWYTAFYEHER	AGAP000862-PA	-	37	0.0030471	1	1871.920	4.29	Ovary	X:+:15873096-15873137	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_82861	HTSTGVEAIPVDSYK	AGAP000862-PA	-	65	4.65E-06	2	1603.799	1.62	Ovary	X:+:15873345-15873389	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_84242	TEQQLQEEAAADRGEQK	AGAP000862-PA	-	66	3.89E-06	1	1930.914	1.87	Ovary	X:+:15871536-15871586	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_84501	WYQTGAFQPFFR	AGAP000862-PA	-	87	2.91E-08	1	1547.746	1.75	Pupa	X:+:15872964-15872999	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_85017	HDPYTLTVALDR	AGAP000862-PA	-	57	2.66E-05	2	1400.718	1.09	Pupa	X:+:15873465-15873500	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_85799	VDFFQQGR	AGAP000862-PA	-	55	3.81E-05	1	996.489	-0.87	Midgut	X:+:15871443-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_86159	LLPFWYTAFYEHER	AGAP000862-PA	-	96	4.09E-09	1	1871.921	5.13	Larva	X:+:15873096-15873137	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_87232	QYITLTLVHQR	AGAP000862-PA	-	62	6.38E-06	1	1371.776	0.86	Malpighian tubule	X:+:15871179-15871211	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_87569	SLEPQTSEFEVLPQSLQQFK	AGAP000862-PA	-	40	0.001343599	2	2335.188	2.5	Visceras	X:+:15871119-15871178	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_88521	VESTSGTLIMVACGEAPDVK	AGAP000862-PA	M10(Oxidation), C13(Carbamidomethyl)	48	0.000210796	2	2079.998	1.83	Salivary gland	X:+:15871356-15871415	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_90560	GPEGLALDFTFPQAK	AGAP000862-PA	-	98	2.36E-09	1	1590.827	6.68	Head	X:+:15871689-15871733	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_91858	AAVQVAPFK	AGAP000862-PA	-	38	0.001449526	1	930.545	4.06	Larva	X:+:15871416-15871442	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_93597	HDPYTLTVALDR	AGAP000862-PA	-	86	3.03E-08	2	1400.723	4.23	Larva	X:+:15873465-15873500	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_94476	WYQTGAFQPFFR	AGAP000862-PA	-	91	1.31E-08	1	1547.744	0.41	Midgut	X:+:15872964-15872999	exon=> In CDS Exon 2 of transcript AGAP000862-PA

JHU_Ag_94608	ADGQGDWWYDWDTQQK	AGAP000862-PA	-	118	5.26E-12	1	1998.829	1.71	Midgut	X:+:15873297-15873344	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_95202	GTLYIDDEESYEYR	AGAP000862-PA	-	61	5.56E-06	2	1752.758	-1.19	Midgut	X:+:15873516-15873557	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_95240	AAVQVAPFK	AGAP000862-PA	-	46	0.000253751	2	930.542	1.42	Malpighian tubule	X:+:15871416-15871442	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_95518	GTLYIDDEESYEYR	AGAP000862-PA	-	99	1.01E-09	2	1752.760	0.07	Ovary	X:+:15873516-15873557	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_96055	ADGQGDWWYDWDTQQK	AGAP000862-PA	-	72	2.50E-07	2	1998.839	7.02	Salivary gland	X:+:15873297-15873344	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_96169	QYITLTLVHQR	AGAP000862-PA	-	52	6.18E-05	2	1371.779	3.29	Salivary gland	X:+:15871179-15871211	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_96317	VLFGVPEHADSFALR	AGAP000862-PA	-	92	8.16E-09	1	1657.868	-0.78	Malpighian tubule	X:+:15871734-15871778	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_97027	ADGQGDWWYDWDTQQK	AGAP000862-PA	-	126	9.51E-13	1	1998.835	4.94	Larva	X:+:15873297-15873344	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_97888	GAGSFHMQVDEREPLSVR	AGAP000862-PA	M7(Oxidation)	75	5.39E-07	1	2030.976	2.37	Larva	X:+:15871251-15871304	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_98238	VQEALVQEPQYASTK	AGAP000862-PA	-	110	1.75E-10	2	1690.864	-0.45	Pupa	X:+:15871311-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_98286	LHLERDGDVVTVR	AGAP000862-PA	-	33	0.004879665	1	1508.822	2.56	Malpighian tubule	X:+:15873856-15873894	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_99403	DNLHHGGLEHR	AGAP000862-PA	-	51	9.52E-05	1	1284.620	0.52	Larva	X:+:15872652-15872684	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_99459	SLEPQTSEFEVLPQSLQQFK	AGAP000862-PA	-	78	1.99E-07	1	2335.188	2.81	Head	X:+:15871119-15871178	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_100651	VVIAGLGK	AGAP000862-PA	-	29	0.002675609	2	756.497	-1.53	Pupa	X:+:15873778-15873801	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_100978	ADGQGDWWYDWDTQQK	AGAP000862-PA	-	69	4.23E-07	1	1998.836	5.31	Head	X:+:15873297-15873344	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_101227	LVVTANGKGMMR	AGAP000862-PA	N6(Deamidated), M10(Oxidation), M11(Oxidation)	39	0.001735884	1	1309.665	3.61	Larva	X:+:15871467-15871502	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_101571	GPLPQLYAIAYHQCR	AGAP000862-PA	C14(Carbamidomethyl)	59	2.19E-05	1	1786.907	0.48	Ovary	X:+:15872133-15872177	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_101810	TDTWLER	AGAP000862-PA	-	45	0.000546007	2	920.448	0.98	Larva	X:+:15873757-15873777	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_101854	TEQQLQEEAAADR	AGAP000862-PA	-	81	1.10E-07	2	1488.698	3.85	Larva	X:+:15871536-15871574	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_102060	GPLPQLYAIAYHQCR	AGAP000862-PA	C14(Carbamidomethyl)	56	4.78E-05	1	1786.904	-1.26	Pupa	X:+:15872133-15872177	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_102702	WYQTGAFQPFFR	AGAP000862-PA	-	64	6.03E-06	2	1547.748	3.09	Salivary gland	X:+:15872964-15872999	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_103050	AAVQVAPFKVDFFQQGR	AGAP000862-PA	-	84	2.82E-08	1	1908.021	4.44	Larva	X:+:15871416-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_103068	HDPYTLTVALDR	AGAP000862-PA	-	74	5.84E-07	2	1400.722	3.36	Malpighian tubule	X:+:15873465-15873500	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_103119	YYADQYLLTNFR	AGAP000862-PA	-	67	3.63E-06	1	1566.771	8.09	Pupa	X:+:15872535-15872570	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_103500	YRVQEALVQEPQYASTK	AGAP000862-PA	-	54	4.57E-05	1	2010.038	4.62	Malpighian tubule	X:+:15871305-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_104140	SLEPQTSEFEVLPQSLQQFK	AGAP000862-PA	-	117	2.82E-11	1	2335.188	2.81	Malpighian tubule	X:+:15871119-15871178	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_104281	EPWLFPEDVR	AGAP000862-PA	-	49	0.000174296	2	1287.642	4.18	Larva	X:+:15873030-15873059	exon=> In CDS Exon 2 of transcript AGAP000862-PA

JHU_Ag_105035	VVIAGLGK	AGAP000862-PA	-	39	0.000697097	1	756.501	3.81	Larva	X:+:15873778-15873801	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_105395	DVHNLYGHMQLIATFDGLLR	AGAP000862-PA	M9(Oxidation)	130	1.33E-12	1	2329.182	2.52	Malpighian tubule	X:+:15872685-15872744	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_105543	DGGYFFHNECTDK	AGAP000862-PA	C10(Carbamidomethyl)	86	5.42E-09	1	1589.641	5.09	Larva	X:+:15872397-15872435	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_108022	TEQQLQEEAAADRGEQK	AGAP000862-PA	-	47	0.000344572	1	1930.915	2.25	Malpighian tubule	X:+:15871536-15871586	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_108729	QPTAATLYTDASGAASGR	AGAP000862-PA	-	121	1.37E-11	2	1737.847	3.77	Larva	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_110311	VVIAGLGK	AGAP000862-PA	-	33	0.002781589	1	756.498	0.48	Malpighian tubule	X:+:15873778-15873801	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_110448	QPTAATLYTDASGAASGR	AGAP000862-PA	-	96	4.28E-09	2	1737.842	0.75	Ovary	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_111665	AAVQVAPFKVDFFQQGR	AGAP000862-PA	-	86	2.09E-08	1	1908.011	-0.74	Midgut	X:+:15871416-15871466	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_111738	GPEGLALDFTFPQAK	AGAP000862-PA	-	85	4.45E-08	1	1590.815	-0.76	Salivary gland	X:+:15871689-15871733	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_112021	HLTIIIDPHIK	AGAP000862-PA	-	49	5.06E-05	2	1299.780	1.59	Head	X:+:15872361-15872393	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_114573	YAAVWTGDNMAEWGHLQASIK	AGAP000862-PA	M10(Oxidation)	60	1.35E-05	1	2364.105	-1.17	Larva	X:+:15872808-15872870	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_114749	QPTAATLYTDASGAASGR	AGAP000862-PA	-	121	1.50E-11	2	1737.838	-1.14	Midgut	X:+:15873802-15873855	exon=> In CDS Exon 3 of transcript AGAP000862-PA
JHU_Ag_115648	HLTIIIDPHIK	AGAP000862-PA	-	76	8.89E-08	1	1299.780	1.39	Malpighian tubule	X:+:15872361-15872393	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_116623	YRVQEALVQEPQYASTK	AGAP000862-PA	-	59	1.51E-05	1	2010.036	3.26	Larva	X:+:15871305-15871355	exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_45524	APAPPAPNTAAPTVHSPTVPDIGK	AGAP000864-PA	-	46	0.000194576	1	2306.220	2.4	Head	X:+:16093010-16093081	exon=> In CDS Exon 3 of transcript AGAP000864-PA
JHU_Ag_5854	LQQVIK	AGAP000865-PA	Q3(Deamidated)	40	0.001451909	1	729.451	0.86	Ovary	X:-:16107971-16108124,16107460-16107849	exon=> In CDS Exon 10 and 9 of transcript AGAP000865-PA
JHU_Ag_15584	LQQVIK	AGAP000865-PA	Q3(Deamidated)	37	0.002412577	1	729.455	5.54	Male reproductive organs	X:-:16107971-16108124,16107460-16107849	exon=> In CDS Exon 10 and 9 of transcript AGAP000865-PA
JHU_Ag_21427	IHELQR	AGAP000865-PA	Q5(Deamidated)	34	0.002639635	1	796.432	1.16	Ovary	X:-:16107542-16107525	exon=> In CDS Exon 10 of transcript AGAP000865-PA
JHU_Ag_49686	LQQVIK	AGAP000865-PA	Q3(Deamidated)	40	0.001289678	1	729.452	1.94	Visceras	X:-:16107971-16108124,16107460-16107849	exon=> In CDS Exon 10 and 9 of transcript AGAP000865-PA
JHU_Ag_82475	LQQVIK	AGAP000865-PA	Q3(Deamidated)	40	0.000500908	1	729.450	-1.15	Head	X:-:16107971-16108124,16107460-16107849	exon=> In CDS Exon 10 and 9 of transcript AGAP000865-PA
JHU_Ag_104665	LQQVIK	AGAP000865-PA	Q3(Deamidated)	32	0.003074382	2	729.451	0.17	Midgut	X:-:16107971-16108124,16107460-16107849	exon=> In CDS Exon 10 and 9 of transcript AGAP000865-PA
JHU_Ag_117217	DILICEESANDPK	AGAP000865-PA	C5(Carbamidomethyl)	34	0.004908438	2	1503.702	1.55	Midgut	X:-:16108994-16108956	exon=> In CDS Exon 7 of transcript AGAP000865-PA
JHU_Ag_117779	LQQVIK	AGAP000865-PA	Q3(Deamidated)	40	0.000466399	1	729.450	-0.23	Pupa	X:-:16107971-16108124,16107460-16107849	exon=> In CDS Exon 10 and 9 of transcript AGAP000865-PA
JHU_Ag_114472	LIALR	AGAP000870-PA,AGAP000504-PA	-	36	0.000604291	1	585.408	0.16	Larva	X:-:16248047-16248033;X:-:8864882-8864868	exon=> In CDS Exon 9 of transcript AGAP000870-PA;exon=> In CDS Exon 9 of transcript AGAP000504-PA

JHU_Ag_24543	DDLDDNDENDIGEK	AGAP000877-PA	-	36	0.000483303	2	1606.642	4.18	Head	X:-:16619943-16619902	exon=> In CDS Exon 2 of transcript AGAP000877-PA
JHU_Ag_75210	REDLYPHPETFNPDNFLPER	AGAP000877-PA	-	61	1.45E-05	3	2486.182	3.32	Pupa	X:-:16619496-16619437	exon=> In CDS Exon 2 of transcript AGAP000877-PA
JHU_Ag_98413	KINEDVQLASK	AGAP000877-PA	-	68	1.91E-06	1	1244.685	-0.04	Pupa	X:-:16619586-16619554	exon=> In CDS Exon 2 of transcript AGAP000877-PA
JHU_Ag_108466	NYTIPAGTTVVIGTYK	AGAP000877-PA	-	80	9.95E-08	1	1697.914	1.52	Pupa	X:-:16619553-16619506	exon=> In CDS Exon 2 of transcript AGAP000877-PA
JHU_Ag_7550	IDDEETVWVISDR	AGAP000879-PA	-	90	1.60E-08	2	1576.752	1.73	Pupa	X:-:16666447-16666409	exon=> In CDS Exon 2 of transcript AGAP000879-PA
JHU_Ag_52649	LFVSVPR	AGAP000879-PA	-	46	0.000104654	1	817.493	0.15	Pupa	X:-:16671193-16671173	exon=> In CDS Exon 1 of transcript AGAP000879-PA
JHU_Ag_52822	YSWQQLDFVFPNQR	AGAP000879-PA	-	38	0.002430 84	1	1827.890	4.9	Pupa	X:-:16671316-16671275	exon=> In CDS Exon 1 of transcript AGAP000879-PA
JHU_Ag_87708	VEESFHDFQYLK	AGAP000879-PA	-	63	6.52E-06	2	1541.729	1.32	Head	X:-:16666663-16666628	exon=> In CDS Exon 2 of transcript AGAP000879-PA
JHU_Ag_91261	YELRPEDTNANTFIANIAIDMGR	AGAP000879-PA	M21(Oxidation)	76	3.98E-07	1	2640.272	-0.18	Pupa	X:-:16667023-16666955	exon=> In CDS Exon 2 of transcript AGAP000879-PA
JHU_Ag_91925	FAHSFFFPDPLR	AGAP000879-PA	-	69	2.08E-06	1	1480.740	2.12	Pupa	X:-:16666867-16666832	exon=> In CDS Exon 2 of transcript AGAP000879-PA
JHU_Ag_97775	DDVELVFPADVK	AGAP000879-PA	-	40	0.001596898	2	1346.685	1.17	Pupa	X:-:16666483-16666448	exon=> In CDS Exon 2 of transcript AGAP000879-PA
JHU_Ag_106239	VEESFHDFQYLK	AGAP000879-PA	-	84	5.40E-08	1	1541.725	-1.45	Pupa	X:-:16666663-16666628	exon=> In CDS Exon 2 of transcript AGAP000879-PA
JHU_Ag_113281	GDYVPTNGLPVGIER	AGAP000879-PA	N7(Deamidated)	86	3.87E-08	1	1587.804	1.49	Pupa	X:-:16671250-16671206	exon=> In CDS Exon 1 of transcript AGAP000879-PA
JHU_Ag_3987	ETFAPIVYVFK	AGAP000881-PA	-	44	0.000345942	1	1313.718	2.87	Visceras	X:-:16705832-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_4211	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	123	2.58E-12	1	2251.221	4	Visceras	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_4476	RSTITVNHSTDLPLAQGIVFE	AGAP000881-PA	-	79	1.12E-07	1	2298.217	3.33	Malpighian tubule	X:-:16705468-16705406	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_7109	VIAEVATGSEQDLER	AGAP000881-PA	-	123	9.59E-12	1	1616.817	2.55	Midgut	X:-:16706888-16706844	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_9268	LMSFTGSTAVGR	AGAP000881-PA	-	45	0.000335856	2	1226.622	2.15	Pupa	X:-:16706312-16706277	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_10701	NKLPPIVTLCQGGEDVGK	AGAP000881-PA	C10(Carbamidomethyl)	64	4.31E-06	1	1925.014	-0.97	Malpighian tubule	X:-:16706393-16706340	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_11277	YLVEEDNFAFLR	AGAP000881-PA	N7(Deamidated)	109	1.89E-10	1	1516.731	-0.59	Malpighian tubule	X:-:16707023-16706988	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_12742	VNNGVYNGEWVAGTAGK	AGAP000881-PA	N3(Deamidated)	82	1.19E-07	2	1736.824	-0.15	Pupa	X:-:16706969-16706919	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_13635	VGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGK	AGAP000881-PA	-	272	3.95E-27	1	3789.922	0.65	Malpighian tubule	X:-:16706036-16705929	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_14341	VGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGKVECGGK	AGAP000881-PA	C39(Carbamidomethyl)	146	1.82E-14	1	4420.204	1.14	Malpighian tubule	X:-:16706036-16705911	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_14795	STITVNHSTDLPLAQGIVFE	AGAP000881-PA	N6(Deamidated)	105	4.25E-10	1	2142.108	-0.05	Midgut	X:-:16705465-16705406	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_16365	VNNGVYNGEWVAGTAGK	AGAP000881-PA	N3(Deamidated)	47	0.000397432	2	1736.825	0.41	Salivary gland	X:-:16706969-16706919	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_17096	LYDSFIAK	AGAP000881-PA	-	38	0.001609859	1	956.509	0.06	Midgut	X:-:16706093-16706070	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_17983	YREPLGK	AGAP000881-PA	-	44	0.000638796	2	862.478	0.32	Midgut	X:-:16706744-16706724	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_18033	YREPLGK	AGAP000881-PA	-	43	0.000682908	2	862.478	-0.45	Malpighian tubule	X:-:16706744-16706724	exon=> In CDS Exon 1 of transcript AGAP000881-PA

JHU_Ag_18171	ETFAPIVYVFK	AGAP000881-PA	-	53	4.80E-05	1	1313.715	0.42	Midgut	X:-:16705832-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_19250	IPAPLRGDVIR	AGAP000881-PA	-	26	0.002755429	1	1206.731	-0.35	Midgut	X:-:16706801-16706769	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_19901	LMSFTGSTAVGR	AGAP000881-PA	M2(Oxidation)	85	3.79E-08	2	1226.619	-0.54	Midgut	X:-:16706312-16706277	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_21153	ESGSDAWK	AGAP000881-PA	-	45	0.000224486	1	879.384	-0.76	Midgut	X:-:16705504-16705481	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_22076	LPPIVTLCQGGEDVGKR	AGAP000881-PA	C8(Carbamidomethyl)	86	2.08E-08	1	1838.985	2.87	Midgut	X:-:16706387-16706337	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_22939	ETFAPIVYVFK	AGAP000881-PA	-	43	0.000490695	2	1313.716	1.57	Salivary gland	X:-:16705832-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_23655	QIGDELRK	AGAP000881-PA	-	45	0.00051775	2	958.532	0.44	Malpighian tubule	X:-:16706768-16706745	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_26268	LVALEMGK	AGAP000881-PA	M6(Oxidation)	47	0.000232096	2	876.486	-0.17	Midgut	X:-:16706723-16706700	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_26756	VGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGK	AGAP000881-PA	-	101	4.72E-10	1	3789.925	1.43	Midgut	X:-:16706036-16705929	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_29011	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	61	4.38E-06	1	2251.219	3.12	Head	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_30077	MFGGAIFPSERPQHTILEK	AGAP000881-PA	M1(Oxidation)	82	9.70E-08	1	2174.106	-0.14	Malpighian tubule	X:-:16706627-16706571	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_30297	LYDSFIAK	AGAP000881-PA	-	44	0.000407181	2	956.509	0.11	Malpighian tubule	X:-:16706093-16706070	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_30821	STITVNHSTDLPLAQGIVFE	AGAP000881-PA	-	68	2.01E-06	1	2142.108	0.18	Pupa	X:-:16705465-16705406	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_32426	NKLPPIVTLCQGGEDVGK	AGAP000881-PA	C10(Carbamidomethyl)	105	3.46E-10	1	1925.021	2.55	Midgut	X:-:16706393-16706340	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_32522	GAPSTSLVSVATTK	AGAP000881-PA	-	76	2.95E-07	2	1318.719	-1.64	Midgut	X:-:16706459-16706418	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_33083	GAPSTSLVSVATTK	AGAP000881-PA	-	116	3.06E-11	1	1318.723	1.32	Malpighian tubule	X:-:16706459-16706418	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_34867	RETFAPIVYVFK	AGAP000881-PA	-	67	1.37E-06	1	1469.818	1.95	Head	X:-:16705835-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_38161	MFGGAIFPSERPQHTILEK	AGAP000881-PA	M1(Oxidation)	111	1.24E-10	1	2174.107	0.49	Midgut	X:-:16706627-16706571	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_38241	KIPAPLR	AGAP000881-PA	-	31	0.000290448	1	794.525	0.2	Midgut	X:-:16706804-16706784	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_39591	STITVNHSTDLPLAQGIVFE	AGAP000881-PA	-	98	2.25E-09	1	2142.110	1.09	Malpighian tubule	X:-:16705465-16705406	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_40376	DLGLQR	AGAP000881-PA	-	35	0.003129558	2	701.394	0.25	Midgut	X:-:16706987-16706970	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_41491	YLVEEDNFAFLR	AGAP000881-PA	-	95	5.16E-09	1	1515.752	2.4	Pupa	X:-:16707023-16706988	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_42305	YLVEEDNFAFLR	AGAP000881-PA	N7(Deamidated)	109	1.93E-10	1	1516.732	-0.03	Midgut	X:-:16707023-16706988	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_42605	YLVEEDNFAFLR	AGAP000881-PA	-	97	2.75E-09	1	1515.750	1.35	Visceras	X:-:16707023-16706988	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_42727	VQSIDPASGR	AGAP000881-PA	-	42	0.00075842	1	1029.532	-0.12	Pupa	X:-:16706918-16706889	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_48432	YASLLKR	AGAP000881-PA	-	42	0.000277457	2	850.515	-0.03	Malpighian tubule	X:-:16706057-16706037	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_51450	LPPIVTLCQGGEDVGK	AGAP000881-PA	C8(Carbamidomethyl)	105	3.95E-10	2	1682.878	-0.25	Malpighian tubule	X:-:16706387-16706340	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_52329	VNNGVYNGEWVAGTAGK	AGAP000881-PA	N3(Deamidated)	137	3.32E-13	1	1735.841	0.63	Visceras	X:-:16706969-16706919	exon=> In CDS Exon 1 of transcript AGAP000881-PA

JHU_Ag_52455	CLTAGVAAYQEWK	AGAP000881-PA	C1(Carbamidomethyl)	70	1.43E-06	2	1496.724	2.51	Malpighian tubule	X:-:16706843-16706805	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_52570	QIGDELRK	AGAP000881-PA	-	38	0.002744827	2	958.531	-0.45	Midgut	X:-:16706768-16706745	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_52796	MFGGAIFPSERPQHTILEK	AGAP000881-PA	M1(Oxidation)	35	0.003944059	1	2174.119	5.57	Larva	X:-:16706627-16706571	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_53911	GAPSTSLVSVATTK	AGAP000881-PA	-	91	8.09E-09	1	1318.722	0.49	Pupa	X:-:16706459-16706418	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_54628	MVSDERIR	AGAP000881-PA	-	49	0.00022023	2	1005.513	-1.17	Malpighian tubule	X:-:16706336-16706313	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_54993	ETFAPIVYVFK	AGAP000881-PA	-	37	0.001799458	2	1313.719	4.08	Larva	X:-:16705832-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_56321	ETFAPIVYVFK	AGAP000881-PA	-	59	1.24E-05	1	1313.718	2.87	Malpighian tubule	X:-:16705832-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_56927	RETFAPIVYVFK	AGAP000881-PA	-	74	3.35E-07	1	1469.815	-0.22	Midgut	X:-:16705835-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_57206	VIAEVATGSEQDLER	AGAP000881-PA	-	101	1.41E-09	1	1616.813	0.21	Pupa	X:-:16706888-16706844	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_58154	LMSFTGSTAVGR	AGAP000881-PA	-	40	0.001192136	2	1226.615	-3.92	Visceras	X:-:16706312-16706277	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_60251	CLTAGVAAYQEWK	AGAP000881-PA	C1(Carbamidomethyl)	87	3.41E-08	2	1496.720	-0.1	Midgut	X:-:16706843-16706805	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_61036	STITVNHSTDLPLAQGIVFE	AGAP000881-PA	-	69	1.34E-06	1	2142.120	5.77	Visceras	X:-:16705465-16705406	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_61057	RETFAPIVYVFK	AGAP000881-PA	-	33	0.003565316	1	1469.820	3.2	Pupa	X:-:16705835-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_61352	VGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGK	AGAP000881-PA	-	90	5.94E-09	1	3789.915	-1.24	Pupa	X:-:16706036-16705929	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_62601	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	91	5.72E-09	1	2251.214	0.6	Pupa	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_64990	VNNGVYNGEWVAGTAGK	AGAP000881-PA	N7(Deamidated),"N3(Deamidated), N7(Deamidated)",N3(Deamidated),"N2(Deamidated), N7(Deamidated)"	137	3.43E-13	1	1736.831	4.07	Malpighian tubule	X:-:16706969-16706919	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_69663	IVTDVIKR	AGAP000881-PA	-	59	4.21E-06	2	943.594	0.08	Malpighian tubule	X:-:16706417-16706394	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_72505	VIAEVATGSEQDLER	AGAP000881-PA	Q11(Deamidated)	81	1.28E-07	2	1616.816	1.8	Ovary	X:-:16706888-16706844	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_74413	AGFFVEPTIISNLPHDAPVVKR	AGAP000881-PA	-	60	4.05E-06	1	2407.317	1.61	Pupa	X:-:16705898-16705833	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_74642	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	76	1.30E-07	1	2251.223	4.65	Larva	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_75504	CLTAGVAAYQEWKK	AGAP000881-PA	C1(Carbamidomethyl)	50	0.000151113	2	1624.815	-0.16	Malpighian tubule	X:-:16706843-16706802	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_75865	AGFFVEPTIISNLPHDAPVVKR	AGAP000881-PA	-	99	5.61E-10	2	2407.308	-2.06	Midgut	X:-:16705898-16705833	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_76090	YLVEEDNFAFLR	AGAP000881-PA	-	70	1.51E-06	1	1515.749	0.87	Salivary gland	X:-:16707023-16706988	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_77234	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	82	4.15E-08	1	2251.213	0.2	Midgut	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_77318	IVTDVIK	AGAP000881-PA	-	44	0.000185519	2	787.493	0.23	Midgut	X:-:16706417-16706397	exon=> In CDS Exon 1 of transcript AGAP000881-PA

JHU_Ag_77388	VNNGVYNGEWVAGTAGK	AGAP000881-PA	N7(Deamidated),"N2(Deamidated), N3(Deamidated)","N3(Deamidated), N7(Deamidated)",N3(Deamidated),"N2(Deamidated), N7(Deamidated)"	131	1.19E-12	1	1737.808	0.2	Midgut	X:-:16706969-16706919	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_77427	TVGIEMQR	AGAP000881-PA	M6(Oxidation)	59	2.24E-05	1	949.477	-0.62	Malpighian tubule	X:-:16706276-16706253	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_77885	IVTDVIK	AGAP000881-PA	-	43	0.000212515	1	787.493	1.31	Malpighian tubule	X:-:16706417-16706397	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_79448	VGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGK	AGAP000881-PA	-	80	6.06E-08	1	3789.930	2.68	Visceras	X:-:16706036-16705929	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_80051	VIAEVATGSEQDLER	AGAP000881-PA	Q11(Deamidated)	137	3.21E-13	1	1616.815	1.65	Malpighian tubule	X:-:16706888-16706844	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_80196	IVTDVIKR	AGAP000881-PA	-	54	1.10E-05	1	943.593	-0.05	Pupa	X:-:16706417-16706394	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_80958	RLIIHAK	AGAP000881-PA	-	30	0.000799947	1	850.565	3.38	Larva	X:-:16706114-16706094	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_81155	ESGSDAWKQYAR	AGAP000881-PA	-	54	4.57E-05	2	1397.645	0.34	Malpighian tubule	X:-:16705504-16705469	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_81192	LPPIVTLCQGGEDVGK	AGAP000881-PA	C8(Carbamidomethyl)	88	1.75E-08	2	1682.881	1.35	Midgut	X:-:16706387-16706340	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_81195	IPAPLR	AGAP000881-PA	-	33	0.000272251	1	666.430	-0.11	Midgut	X:-:16706801-16706784	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_84491	MFGGAIFPSERPQHTILEK	AGAP000881-PA	M1(Oxidation)	50	0.000133622	1	2174.109	1.36	Head	X:-:16706627-16706571	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_85222	RSTITVNHSTDLPLAQGIVFE	AGAP000881-PA	-	59	1.26E-05	1	2298.213	1.82	Visceras	X:-:16705468-16705406	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_85251	ILPEGVGEVQEFVDICDYAVGLSR	AGAP000881-PA	C16(Carbamidomethyl)	87	2.60E-08	1	2665.327	3.57	Midgut	X:-:16706699-16706628	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_85483	LPPIVTLCQGGEDVGKR	AGAP000881-PA	C8(Carbamidomethyl)	128	1.31E-12	1	1838.978	-0.85	Malpighian tubule	X:-:16706387-16706337	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_85816	RSTITVNHSTDLPLAQGIVFE	AGAP000881-PA	N7(Deamidated)	91	7.48E-09	1	2298.209	-0.09	Midgut	X:-:16705468-16705406	exon=> In CDS Exon 2 of transcript AGAP000881-PA
JHU_Ag_85852	RLIIHAK	AGAP000881-PA	-	34	0.000370035	2	850.562	-0.28	Midgut	X:-:16706114-16706094	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_86142	YLVEEDNFAFLRDLGLQR	AGAP000881-PA	-	81	8.93E-08	1	2198.135	4.85	Malpighian tubule	X:-:16707023-16706970	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_86483	AGFFVEPTIISNLPHDAPVVKR	AGAP000881-PA	-	92	2.64E-09	1	2407.312	-0.5	Malpighian tubule	X:-:16705898-16705833	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_87604	ILPEGVGEVQEFVDICDYAVGLSR	AGAP000881-PA	C16(Carbamidomethyl)	155	4.78E-15	1	2665.319	0.36	Malpighian tubule	X:-:16706699-16706628	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_87764	RETFAPIVYVFK	AGAP000881-PA	-	87	1.53E-08	1	1469.816	0.78	Malpighian tubule	X:-:16705835-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_88428	LMSFTGSTAVGR	AGAP000881-PA	M2(Oxidation)	88	1.82E-08	2	1242.615	0.32	Malpighian tubule	X:-:16706312-16706277	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_89185	IPAPLRGDVIR	AGAP000881-PA	-	31	0.000904043	1	1206.737	4.41	Malpighian tubule	X:-:16706801-16706769	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_90689	RVGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGK	AGAP000881-PA	-	142	3.46E-14	1	3946.025	1.13	Midgut	X:-:16706039-16705929	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_92828	MFGGAIFPSERPQHTILEK	AGAP000881-PA	M1(Oxidation)	55	4.61E-05	1	2174.112	2.54	Pupa	X:-:16706627-16706571	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_95079	MVSDER	AGAP000881-PA	M1(Oxidation)	37	0.001301343	2	752.324	-0.39	Midgut	X:-:16706336-16706319	exon=> In CDS Exon 1 of transcript AGAP000881-PA

JHU_Ag_98063	IVTDVIKR	AGAP000881-PA	-	62	1.76E-06	2	943.593	-0.38	Midgut	X:-:16706417-16706394	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_98876	GAPSTSLVSVATTK	AGAP000881-PA	-	42	0.000638488	2	1318.722	0.76	Salivary gland	X:-:16706459-16706418	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_100362	VIAEVATGSEQDLER	AGAP000881-PA	-	68	2.78E-06	2	1616.812	-0.47	Visceras	X:-:16706888-16706844	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_101537	VQSIDPASGR	AGAP000881-PA	-	54	5.57E-05	1	1029.533	0.23	Malpighian tubule	X:-:16706918-16706889	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_104948	LVALEMGK	AGAP000881-PA	M6(Oxidation)	42	0.000761495	1	876.488	1.86	Malpighian tubule	X:-:16706723-16706700	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_105103	RLIIHAK	AGAP000881-PA	-	42	5.50E-05	1	850.562	-0.42	Malpighian tubule	X:-:16706114-16706094	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_105468	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	50	5.58E-05	1	2251.217	2.23	Ovary	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_105991	TVGIEMQR	AGAP000881-PA	M6(Oxidation)	59	1.99E-05	1	949.477	-0.42	Midgut	X:-:16706276-16706253	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_106261	VQSIDPASGR	AGAP000881-PA	-	60	1.35E-05	2	1029.533	0.11	Midgut	X:-:16706918-16706889	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_106647	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	126	1.78E-12	1	2251.214	0.85	Malpighian tubule	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_110229	GAPSTSLVSVATTK	AGAP000881-PA	-	98	1.64E-09	2	1318.722	0.76	Visceras	X:-:16706459-16706418	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_110382	KIPAPLR	AGAP000881-PA	-	35	8.22E-05	1	794.526	1.66	Malpighian tubule	X:-:16706804-16706784	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_110672	VIAEVATGSEQDLER	AGAP000881-PA	-	103	8.24E-10	2	1616.814	0.82	Salivary gland	X:-:16706888-16706844	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_111703	ETFAPIVYVFK	AGAP000881-PA	-	50	9.00E-05	2	1313.715	0.36	Pupa	X:-:16705832-16705800	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_112992	AGFFVEPTIISNLPHDAPVVK	AGAP000881-PA	-	51	5.74E-05	1	2251.215	1.09	Male reproductive organs	X:-:16705898-16705836	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_113811	VGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGK	AGAP000881-PA	-	136	1.20E-13	1	3789.934	3.72	Larva	X:-:16706036-16705929	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_114139	YASLLKR	AGAP000881-PA	-	46	0.000138101	2	850.514	-0.18	Midgut	X:-:16706057-16706037	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_117722	RVGHPLDSATLYGPVHNQQAVDNYLQTVQEAVALGGK	AGAP000881-PA	-	190	5.16E-19	1	3946.019	-0.57	Malpighian tubule	X:-:16706039-16705929	exon=> In CDS Exon 1 of transcript AGAP000881-PA
JHU_Ag_10188	NIVLASSGVCVVALK	AGAP000882-PA	C10(Carbamidomethyl)	58	9.11E-06	2	1529.874	1.24	Male reproductive organs	X:-:16709849-16709805	exon=> In CDS Exon 1 of transcript AGAP000882-PA
JHU_Ag_12290	YFFYYNAFR	AGAP000882-PA	-	55	3.31E-05	1	1290.595	0.61	Male reproductive organs	X:-:16708806-16708780	exon=> In CDS Exon 3 of transcript AGAP000882-PA
JHU_Ag_34594	ALESFSESDPLTGCMR	AGAP000882-PA	C14(Carbamidomethyl), M15(Oxidation)	67	1.78E-06	2	1815.790	0.6	Male reproductive organs	X:-:16708908-16708861	exon=> In CDS Exon 3 of transcript AGAP000882-PA
JHU_Ag_40971	VLFDASPR	AGAP000882-PA	-	53	8.80E-05	2	904.489	0.35	Male reproductive organs	X:-:16708857-16708834	exon=> In CDS Exon 3 of transcript AGAP000882-PA
JHU_Ag_77598	AFYQDYFDR	AGAP000882-PA	-	57	1.11E-05	1	1224.533	0.69	Male reproductive organs	X:-:16708971-16708945	exon=> In CDS Exon 3 of transcript AGAP000882-PA
JHU_Ag_87499	GYLAPLCQPR	AGAP000882-PA	C7(Carbamidomethyl)	53	8.70E-05	2	1174.605	0.75	Male reproductive organs	X:-:16708938-16708909	exon=> In CDS Exon 3 of transcript AGAP000882-PA
JHU_Ag_177	RGLAALNSR	AGAP000883-PA	-	50	0.000155053	2	957.559	-0.32	Midgut	X:-:16714190-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_490	KLVEQYFSWSGTDK	AGAP000883-PA	-	79	2.06E-07	1	1687.834	0.66	Malpighian tubule	X:-:16713383-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_679	YLTESNAIAYYVANEQLR	AGAP000883-PA	N6(Deamidated)	125	6.09E-12	1	2118.051	0.5	Midgut	X:-:16714397-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA

JHU_Ag_746	VAADFVFGETNCSEPFLQK	AGAP000883-PA	N11(Deamidated), C12(Carbamidomethyl),C12(Carbamidomethyl)	123	7.47E-12	1	2159.013	0.58	Midgut	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_1149	EKKPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	66	2.56E-06	1	2898.484	3.71	Larva	X:-:16713866-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_1260	LVEQYFSWSGTDK	AGAP000883-PA	-	76	3.22E-07	2	1559.737	-0.62	Midgut	X:-:16713380-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_1400	LSPDWQVDYEVYDWK	AGAP000883-PA	-	100	1.14E-09	1	1942.888	1.05	Head	X:-:16713458-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_1690	LSPDWQVDYEVYDWK	AGAP000883-PA	-	74	4.27E-07	2	1942.882	-1.78	Midgut	X:-:16713458-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_2733	FDPANYSIWYGEYKYPEELTK	AGAP000883-PA	-	117	3.18E-11	1	2613.221	0.89	Salivary gland	X:-:16713674-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_3185	FYSNEEEAK	AGAP000883-PA	-	52	3.07E-05	2	1116.488	3.05	Larva	X:-:16713725-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_3601	YLTESNAIAYYVANEQLR	AGAP000883-PA	-	133	8.36E-13	1	2118.054	1.77	Salivary gland	X:-:16714397-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_5171	GTFNFDDFK	AGAP000883-PA	-	55	1.34E-05	1	1090.484	-0.33	Head	X:-:16713755-16713729	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_7312	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	166	4.06E-16	1	2159.014	1.03	Salivary gland	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_8018	APFGAVNR	AGAP000883-PA	-	48	0.000272652	2	831.449	2.55	Larva	X:-:16714055-16714032	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_8245	VSGGSGGAPAEK	AGAP000883-PA	-	48	0.000187754	2	1016.506	5.1	Malpighian tubule	X:-:16713917-16713882	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_9436	WFTTLMNQPQVQAVVK	AGAP000883-PA	M6(Oxidation)	73	6.10E-07	2	1906.002	6.45	Larva	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_10501	YPEELTK	AGAP000883-PA	-	44	0.000568972	2	879.447	1.11	Larva	X:-:16713632-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_11969	VSGGSGGAPAEK	AGAP000883-PA	-	80	1.19E-07	1	1016.501	0.48	Ovary	X:-:16713917-16713882	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_12175	VLIAAQYSGTPVK	AGAP000883-PA	-	108	8.38E-11	1	1346.770	1.89	Malpighian tubule	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_12589	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	104	4.99E-10	1	2641.337	0.42	Male reproductive organs	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_13111	LSPDWQVDYEVYDWK	AGAP000883-PA	-	111	1.00E-10	2	1942.893	3.43	Salivary gland	X:-:16713458-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_13376	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	169	1.60E-16	1	2641.338	0.91	Salivary gland	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_13786	FDPANYSIWYGEYKYPEELTK	AGAP000883-PA	-	106	3.54E-10	1	2613.227	3.31	Ovary	X:-:16713674-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_13809	GQDLAFK	AGAP000883-PA	-	36	0.003598391	1	778.413	3.98	Male reproductive organs	X:-:16713479-16713459	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_14900	FDPANYSIWYGEYK	AGAP000883-PA	-	105	3.74E-10	1	1752.792	0.7	Male reproductive organs	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_15284	WFTTLMNQPQVQAVVK	AGAP000883-PA	M6(Oxidation)	102	8.82E-10	1	1889.993	-0.64	Salivary gland	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_15917	EKKPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	109	1.31E-10	1	2898.476	1.1	Salivary gland	X:-:16713866-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_15959	GTFNFDDFKR	AGAP000883-PA	-	52	7.93E-05	1	1246.590	3.49	Midgut	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_16104	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	70	1.51E-06	1	1473.700	-0.95	Salivary gland	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA

JHU_Ag_16154	EKKPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	97	2.01E-09	1	2898.475	0.42	Male reproductive organs	X:-:16713866-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_16456	LVEQYFSWSGTDK	AGAP000883-PA	-	79	1.85E-07	1	1559.743	3.69	Salivary gland	X:-:16713380-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_17764	DGKYLTESNAIAYYVANEQLR	AGAP000883-PA	-	116	4.36E-11	1	2418.204	4.14	Malpighian tubule	X:-:16714406-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_17837	YPEELTK	AGAP000883-PA	-	49	0.000213456	2	879.448	2.7	Salivary gland	X:-:16713632-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_19064	GANDFHR	AGAP000883-PA	-	47	8.27E-05	2	816.375	0.72	Ovary	X:-:16714343-16714323	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_19586	FDPANYSIWYGEYK	AGAP000883-PA	-	46	0.000356525	2	1752.800	5.29	Pupa	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_19789	LVEQYFSWSGTDKNGR	AGAP000883-PA	Q4(Deamidated)	60	1.49E-05	1	1886.910	3.53	Ovary	X:-:16713380-16713333	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_21146	GQDLAFK	AGAP000883-PA	-	47	0.000303347	1	778.411	1.63	Malpighian tubule	X:-:16713479-16713459	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_21209	YLTESNAIAYYVANEQLR	AGAP000883-PA	-	105	5.52E-10	1	2118.056	2.92	Male reproductive organs	X:-:16714397-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_21823	LSPDWQVDYEVYDWKK	AGAP000883-PA	-	108	2.64E-10	1	2070.989	3.87	Male reproductive organs	X:-:16713458-16713411	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_22258	VLIAAQYSGTPVK	AGAP000883-PA	-	100	4.88E-10	2	1346.768	0.35	Visceras	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_22449	FDPANYSIWYGEYK	AGAP000883-PA	-	102	6.87E-10	1	1752.790	-0.21	Ovary	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_24121	YAEFQAK	AGAP000883-PA	-	34	0.003070127	1	856.422	2.29	Male reproductive organs	X:-:16713938-16713918	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_24342	APFGAVNR	AGAP000883-PA	-	54	7.89E-05	2	831.447	0.27	Ovary	X:-:16714055-16714032	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_24692	GQDLAFKLSPDWQVDYEVYDWK	AGAP000883-PA	-	76	3.97E-07	1	2702.290	4.55	Malpighian tubule	X:-:16713479-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_24805	VAADFVFGETNCSEPFLQKFPSGK	AGAP000883-PA	C12(Carbamidomethyl)	105	4.59E-10	1	2675.295	5.32	Malpighian tubule	X:-:16714499-16714428	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_25027	LSPDWQVDYEVYDWKK	AGAP000883-PA	-	93	6.82E-09	1	2070.977	-1.67	Salivary gland	X:-:16713458-16713411	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_25904	WFTTLMNQPQVQAVVK	AGAP000883-PA	M6(Oxidation)	50	0.000128625	2	1905.999	5.11	Male reproductive organs	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_26541	FDPANYSIWYGEYKYPEELTK	AGAP000883-PA	-	70	1.28E-06	1	2613.223	1.62	Male reproductive organs	X:-:16713674-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_27140	GTFNFDDFKR	AGAP000883-PA	-	67	2.23E-06	1	1246.586	0.46	Male reproductive organs	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_27807	GQDLAFK	AGAP000883-PA	-	39	0.001884119	1	778.412	3.77	Midgut	X:-:16713479-16713459	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_28495	GQDLAFK	AGAP000883-PA	-	43	0.000769693	1	778.409	-0.17	Ovary	X:-:16713479-16713459	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_28535	WFTTLMNQPQVQAVVK	AGAP000883-PA	-	90	1.19E-08	1	1889.995	0.39	Visceras	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_28685	VLIAAQYSGTPVK	AGAP000883-PA	-	107	9.28E-11	2	1346.767	-0.55	Midgut	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_28961	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	65	4.19E-06	1	1473.704	2.28	Malpighian tubule	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_29710	FDPANYSIWYGEYKYPEELTK	AGAP000883-PA	-	60	1.54E-05	1	2613.215	-1.37	Head	X:-:16713674-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_31195	VSGGSGGAPAEK	AGAP000883-PA	-	79	1.61E-07	2	1016.501	0	Male reproductive organs	X:-:16713917-16713882	exon=> In CDS Exon 2 of transcript AGAP000883-PA

JHU_Ag_32780	FDPANYSIWYGEYKYPEELTK	AGAP000883-PA	-	112	8.32E-11	1	2613.233	5.45	Larva	X:-:16713674-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_33016	VAADFVFGETNCSEPFLQKFPSGK	AGAP000883-PA	C12(Carbamidomethyl)	99	1.98E-09	1	2675.291	3.68	Ovary	X:-:16714499-16714428	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_34327	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	109	1.65E-10	1	2641.344	2.99	Midgut	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_35021	YAEFQAK	AGAP000883-PA	-	40	0.000789 33	1	856.419	-1.71	Salivary gland	X:-:16713938-16713918	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_35217	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	47	0.000268 497	1	1473.699	-1.31	Head	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_35708	GTFNFDDFKR	AGAP000883-PA	-	52	7.38E-05	1	1246.591	4.47	Larva	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_35822	VAQADPK	AGAP000883-PA	-	42	0.000282 981	2	728.393	-1.07	Salivary gland	X:-:16713962-16713942	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_36183	LSPDWQVDYEVYDWKK	AGAP000883-PA	-	106	3.93E-10	1	2070.975	-2.61	Ovary	X:-:16713458-16713411	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_38184	GTFNFDDFKR	AGAP000883-PA	-	64	4.86E-06	1	1246.590	3.88	Ovary	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_40898	KLVEQYFSWSGTDK	AGAP000883-PA	-	117	3.18E-11	1	1687.829	-2.01	Midgut	X:-:16713383-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_40986	GTFNFDDFKR	AGAP000883-PA	-	62	6.58E-06	1	1246.587	1.24	Malpighian tubule	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_41702	AGTLYTYPENFRAYK	AGAP000883-PA	N-Term(Acetyl)	86	4.42E-08	1	1835.902	3.11	Malpighian tubule	X:-:16714955-16714958,16713303-16714539	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_42633	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	96	3.42E-09	1	2641.338	0.98	Visceras	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_44162	GLAALNSR	AGAP000883-PA	-	56	3.86E-05	2	801.459	1.5	Larva	X:-:16714187-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_45112	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	141	1.08E-13	1	2159.013	0.92	Ovary	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_45986	GLAALNSR	AGAP000883-PA	-	52	0.000128 359	2	801.448	-12.44	Salivary gland	X:-:16714187-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_46682	ITLADVVVFATLLHAYEYVLDPAFR	AGAP000883-PA	-	146	1.19E-14	1	2836.531	0.79	Ovary	X:-:16714130-16714056	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_46835	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	127	2.87E-12	1	2159.011	-0.1	Male reproductive organs	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_47197	KLVEQYFSWSGTDK	AGAP000883-PA	-	78	2.69E-07	2	1687.836	2.18	Head	X:-:16713383-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_47657	KYAEFQAK	AGAP000883-PA	-	39	0.001265 979	1	984.514	-0.67	Malpighian tubule	X:-:16713941-16713918	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_47798	LDPASDETKK	AGAP000883-PA	-	43	0.000819 501	1	1103.559	0.85	Ovary	X:-:16713410-16713381	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_47855	GTFNFDDFKR	AGAP000883-PA	-	63	5.64E-06	1	1246.587	1.14	Pupa	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_48727	GLAALNSR	AGAP000883-PA	-	46	0.000575 96	2	801.457	-0.41	Midgut	X:-:16714187-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_49729	FYSNEEEAK	AGAP000883-PA	-	52	2.92E-05	1	1116.484	-0.45	Malpighian tubule	X:-:16713725-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_50019	GLAALNSR	AGAP000883-PA	-	54	9.87E-05	2	801.458	0.35	Ovary	X:-:16714187-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_53167	FDPANYSIWYGEYK	AGAP000883-PA	-	53	6.54E-05	2	1752.799	4.95	Head	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_53855	RFYSNEEEAK	AGAP000883-PA	-	33	0.004876 876	1	1272.589	2.74	Midgut	X:-:16713728-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA

JHU_Ag_54367	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	59	1.69E-05	2	1473.706	3.36	Ovary	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_54874	YLTESNAIAYYVANEQLR	AGAP000883-PA	-	127	3.41E-12	1	2118.058	3.61	Pupa	X:-:16714397-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_56507	QNDPFETLPK	AGAP000883-PA	-	51	0.000112377	2	1188.592	2.42	Ovary	X:-:16713785-16713756	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_56928	KLVEQYFSWSGTDK	AGAP000883-PA	-	97	3.42E-09	1	1687.833	0.01	Male reproductive organs	X:-:16713383-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_57200	DGKYLTESNAIAYYVANEQLR	AGAP000883-PA	-	102	9.55E-10	1	2418.203	4.04	Ovary	X:-:16714406-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_58829	YLTESNAIAYYVANEQLR	AGAP000883-PA	-	107	3.63E-10	1	2118.056	2.69	Malpighian tubule	X:-:16714397-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_59369	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	118	2.56E-11	1	2159.009	-1	Pupa	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_60770	KYAEFQAK	AGAP000883-PA	-	53	5.68E-05	2	984.518	2.79	Larva	X:-:16713941-16713918	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_61126	GTFNFDDFK	AGAP000883-PA	-	47	9.22E-05	2	1090.483	-0.67	Salivary gland	X:-:16713755-16713729	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_61494	WFTTLMNQPQVQAVVK	AGAP000883-PA	M6(Oxidation)	78	2.34E-07	2	1905.986	-1.62	Pupa	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_62062	VSGGSGGAPAEK	AGAP000883-PA	-	81	8.85E-08	2	1016.499	-1.86	Head	X:-:16713917-16713882	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_62802	QNDPFETLPK	AGAP000883-PA	-	50	0.000147344	2	1188.588	-1.59	Malpighian tubule	X:-:16713785-16713756	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_63462	YLTESNAIAYYVANEQLR	AGAP000883-PA	-	120	1.70E-11	1	2118.055	2.46	Ovary	X:-:16714397-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_63616	APFGAVNR	AGAP000883-PA	-	63	1.13E-05	2	831.436	-13.16	Salivary gland	X:-:16714055-16714032	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_64107	GTFNFDDFKR	AGAP000883-PA	-	64	4.98E-06	1	1246.586	0.36	Visceras	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_64535	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	69	1.70E-06	1	2159.018	3.18	Larva	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_65143	AGTLYTYPENFRAYK	AGAP000883-PA	N-Term(Acetyl), N10(Deamidated)	39	0.001933345	2	1836.901	11.21	Malpighian tubule	X:-:16714955-16714958,16713303-16714539	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_66102	APFGAVNR	AGAP000883-PA	-	45	0.000554523	2	831.446	-1.35	Midgut	X:-:16714055-16714032	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_66168	VFMSCNLITGMFQR	AGAP000883-PA	M3(Oxidation), C5(Carbamidomethyl), M11(Oxidation)	85	4.06E-08	1	1735.799	1.49	Ovary	X:-:16713611-16713570	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_66437	QTYLVGER	AGAP000883-PA	-	50	0.000149032	2	965.505	-0.05	Salivary gland	X:-:16714154-16714131	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_66900	VFMSCNLITGMFQR	AGAP000883-PA	C5(Carbamidomethyl), M11(Oxidation),"M3(Oxidation), C5(Carbamidomethyl)",C5(Carbamidomethyl),"M3(Oxidation), C5(Carbamidomethyl), M11(Oxidation)"	107	2.86E-10	2	1719.803	1.03	Midgut	X:-:16713611-16713570	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_66967	GTFNFDDFKR	AGAP000883-PA	-	63	5.97E-06	1	1246.585	-0.33	Salivary gland	X:-:16713755-16713726	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_67045	APFGAVNRWFTTLMNQPQVQAVVK	AGAP000883-PA	M14(Oxidation)	89	1.06E-08	1	2718.430	4.37	Malpighian tubule	X:-:16714055-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA

JHU_Ag_67353	KLVEQYFSWSGTDK	AGAP000883-PA	-	55	5.40E-05	1	1687.840	4.42	Visceras	X:-:16713383-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_67907	GANDFHR	AGAP000883-PA	-	35	0.001242 49	2	816.372	-3.61	Head	X:-:16714343-16714323	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_68279	EKKPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	88	1.77E-08	1	2898.470	-1.26	Head	X:-:16713866-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_68727	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	70	1.47E-06	1	1473.702	1.04	Pupa	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_69414	GANDFHR	AGAP000883-PA	-	53	2.45E-05	2	816.374	-0.55	Salivary gland	X:-:16714343-16714323	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_74276	GANDFHR	AGAP000883-PA	-	33	0.002149 755	1	816.376	1.85	Male reproductive organs	X:-:16714343-16714323	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_75106	VLIAAQYSGTPVK	AGAP000883-PA	-	104	2.08E-10	1	1346.772	2.89	Ovary	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_75336	EKKPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	124	4.91E-12	1	2898.473	-0.12	Malpighian tubule	X:-:16713866-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_75560	YPEELTK	AGAP000883-PA	-	38	0.002443 944	1	879.445	-0.68	Midgut	X:-:16713632-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_76194	KPAPEKPEPAEQPDAADELLAAEPKQN DPFETLPK	AGAP000883-PA	-	178	1.48E-17	1	3810.915	2.03	Malpighian tubule	X:-:16713860-16713756	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_76495	FYSNEEEAK	AGAP000883-PA	-	57	9.04E-06	2	1116.485	0.87	Salivary gland	X:-:16713725-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_76603	GLAALNSR	AGAP000883-PA	-	46	0.000583 972	1	801.458	-0.03	Malpighian tubule	X:-:16714187-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_76811	FDPANYSIWYGEYK	AGAP000883-PA	-	105	3.45E-10	1	1752.788	-1.67	Midgut	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_77555	QNDPFETLPK	AGAP000883-PA	-	59	2.01E-05	2	1188.589	-0.15	Male reproductive organs	X:-:16713785-16713756	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_77572	APFGAVNR	AGAP000883-PA	-	50	0.000196 337	2	831.445	-2.74	Head	X:-:16714055-16714032	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_78428	GQDLAFK	AGAP000883-PA	-	38	0.002248 74	2	778.411	1.95	Larva	X:-:16713479-16713459	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_78885	VFMSCNLITGMFQR	AGAP000883-PA	M3(Oxidation), C5(Carbamidomethyl), M11(Oxidation)	79	1.55E-07	2	1735.798	1	Male reproductive organs	X:-:16713611-16713570	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_79751	VFMSCNLITGMFQR	AGAP000883-PA	C5(Carbamidomethyl),"M 3(Oxidation), C5(Carbamidomethyl), M11(Oxidation)"	83	6.52E-08	2	1735.802	3.11	Salivary gland	X:-:16713611-16713570	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_80776	VLIAAQYSGTPVK	AGAP000883-PA	-	108	7.35E-11	1	1346.769	0.72	Pupa	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_80953	FDPANYSIWYGEYK	AGAP000883-PA	-	94	5.34E-09	2	1752.800	5.43	Larva	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_83753	LSPDWQVDYEVYDWK	AGAP000883-PA	-	88	1.78E-08	1	1942.884	-0.78	Larva	X:-:16713458-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_84789	LVEQYFSWSGTDKNGR	AGAP000883-PA	N14(Deamidated)	52	9.11E-05	1	1886.910	3.73	Salivary gland	X:-:16713380-16713333	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_85738	LSPDWQVDYEVYDWK	AGAP000883-PA	-	91	8.96E-09	1	1942.885	-0.34	Male reproductive organs	X:-:16713458-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_85776	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	67	2.78E-06	2	2159.010	-0.89	Visceras	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_86006	VLIAAQYSGTPVK	AGAP000883-PA	-	67	9.48E-07	2	1346.774	4.8	Larva	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_86338	FDPANYSIWYGEYKYPEELTK	AGAP000883-PA	-	88	2.16E-08	1	2613.217	-0.44	Midgut	X:-:16713674-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA

JHU_Ag_86403	VLIAAQYSGTPVK	AGAP000883-PA	-	104	1.98E-10	1	1346.768	0.26	Male reproductive organs	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_86781	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	128	1.90E-12	1	2641.347	4.44	Larva	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_87137	VLIAAQYSGTPVK	AGAP000883-PA	-	103	2.59E-10	1	1346.767	-0.55	Salivary gland	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_87310	RGLAALNSR	AGAP000883-PA	-	47	0.000311039	2	957.561	1.97	Salivary gland	X:-:16714190-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_87547	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	109	1.84E-10	1	2159.010	-0.77	Head	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_88665	FDPANYSIWYGEYKYPEELTK	AGAP000883-PA	-	84	6.42E-08	1	2613.226	3.07	Malpighian tubule	X:-:16713674-16713612	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_89090	QNDPFETLPK	AGAP000883-PA	-	32	0.009071757	2	1188.591	0.98	Head	X:-:16713785-16713756	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_89766	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	Q12(Deamidated)	161	9.97E-16	1	2642.315	-1.73	Head	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_89837	KLVEQYFSWSGTDK	AGAP000883-PA	-	104	6.95E-10	1	1687.840	4.35	Ovary	X:-:16713383-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_90426	RGLAALNSR	AGAP000883-PA	-	37	0.001721734	2	957.558	-0.9	Malpighian tubule	X:-:16714190-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_91205	FYSNEEEAK	AGAP000883-PA	-	47	9.73E-05	2	1116.482	-1.76	Male reproductive organs	X:-:16713725-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_91685	LDPASDETK	AGAP000883-PA	-	37	0.002526279	1	975.463	-0.04	Head	X:-:16713410-16713384	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_93167	QTYLVGER	AGAP000883-PA	-	55	4.45E-05	2	965.507	1.78	Ovary	X:-:16714154-16714131	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_93271	FDPANYSIWYGEYK	AGAP000883-PA	-	111	9.08E-11	1	1752.793	1.53	Salivary gland	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_95440	WFTTLMNQPQVQAVVK	AGAP000883-PA	-	60	1.02E-05	2	1890.001	3.75	Malpighian tubule	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_95694	EKKPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	170	1.11E-16	1	2898.478	1.52	Ovary	X:-:16713866-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_95740	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	53	7.42E-05	1	1473.704	2.17	Male reproductive organs	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_96067	LSPDWQVDYEVYDWKK	AGAP000883-PA	-	82	9.31E-08	1	2070.981	0.22	Midgut	X:-:16713458-16713411	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_96117	YLTESNAIAYYVANEQLR	AGAP000883-PA	-	108	2.45E-10	2	2118.056	2.92	Head	X:-:16714397-16714344	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_96993	APFGAVNR	AGAP000883-PA	-	44	0.000790532	1	831.447	-0.54	Malpighian tubule	X:-:16714055-16714032	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_97874	VLIAAQYSGTPVK	AGAP000883-PA	-	103	2.42E-10	2	1346.768	0.26	Head	X:-:16714538-16714500	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_98527	RFYSNEEEAK	AGAP000883-PA	-	29	0.007436896	1	1272.572	-10.98	Ovary	X:-:16713728-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_98536	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	Q12(Deamidated)	169	1.59E-16	1	2641.339	1.25	Ovary	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_98631	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	67	2.38E-06	1	1473.702	1.01	Midgut	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_99561	VAADFVFGETNCSEPFLQK	AGAP000883-PA	C12(Carbamidomethyl)	101	1.09E-09	1	2159.017	2.73	Malpighian tubule	X:-:16714499-16714443	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_100822	LVEQYFSWSGTDK	AGAP000883-PA	-	93	6.61E-09	1	1559.738	0.17	Ovary	X:-:16713380-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_101476	FYSNEEEAK	AGAP000883-PA	-	50	4.78E-05	1	1116.485	0.1	Ovary	X:-:16713725-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA

JHU_Ag_101844	AGTLYTYPENFR	AGAP000883-PA	N-Term(Acetyl)	53	6.80E-05	1	1473.702	0.71	Visceras	X:-:16714955-16714958,16713303-16714548	exon=> In CDS Exon 2 and 1 of transcript AGAP000883-PA
JHU_Ag_102186	LSPDWQVDYEVYDWK	AGAP000883-PA	-	97	2.36E-09	2	1942.882	-2.22	Pupa	X:-:16713458-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_103413	VFMSCNLITGMFQR	AGAP000883-PA	C5(Carbamidomethyl)	111	1.06E-10	1	1703.808	0.92	Malpighian tubule	X:-:16713611-16713570	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_103458	LVEQYFSWSGTDK	AGAP000883-PA	-	71	9.72E-07	1	1559.739	1.03	Head	X:-:16713380-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_104754	VSGGSGGAPAEK	AGAP000883-PA	-	70	1.25E-06	1	1016.501	0.01	Salivary gland	X:-:16713917-16713882	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_105500	WFTTLMNQPQVQAVVK	AGAP000883-PA	M6(Oxidation)	92	8.09E-09	1	1905.995	3.18	Ovary	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_105641	APFGAVNR	AGAP000883-PA	-	43	0.001039728	1	831.447	-0.02	Pupa	X:-:16714055-16714032	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_106167	FDPANYSIWYGEYK	AGAP000883-PA	-	56	2.93E-05	2	1752.794	2.09	Malpighian tubule	X:-:16713674-16713633	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_107936	WFTTLMNQPQVQAVVK	AGAP000883-PA	M6(Oxidation)	120	1.22E-11	1	1905.989	-0.21	Midgut	X:-:16714031-16713984	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_108175	KPAPEKPEPAEQPDAADELLAAEPK	AGAP000883-PA	-	155	3.47E-15	1	2641.340	1.67	Malpighian tubule	X:-:16713860-16713786	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_108734	YAEFQAK	AGAP000883-PA	-	34	0.002977482	1	856.420	0.23	Malpighian tubule	X:-:16713938-16713918	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_109159	KLVEQYFSWSGTDK	AGAP000883-PA	-	111	1.25E-10	1	1687.838	2.9	Salivary gland	X:-:16713383-16713342	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_110832	LLKQTYLVGER	AGAP000883-PA	-	51	1.96E-05	1	1319.769	0.94	Malpighian tubule	X:-:16714163-16714131	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_111438	KLDPASDETK	AGAP000883-PA	-	72	7.81E-07	1	1103.553	-4.91	Head	X:-:16713413-16713384	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_112796	FYSNEEEAK	AGAP000883-PA	-	62	2.56E-06	2	1116.483	-0.99	Midgut	X:-:16713725-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_113858	LSPDWQVDYEVYDWK	AGAP000883-PA	-	108	2.04E-10	1	1942.892	3.37	Ovary	X:-:16713458-16713414	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_114598	QNDPFETLPK	AGAP000883-PA	-	56	3.52E-05	2	1188.590	0.16	Salivary gland	X:-:16713785-16713756	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_114778	VFMSCNLITGMFQR	AGAP000883-PA	M3(Oxidation), C5(Carbamidomethyl), M11(Oxidation)	82	9.28E-08	1	1735.808	6.48	Larva	X:-:16713611-16713570	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_116640	GLAALNSR	AGAP000883-PA	-	42	0.001001218	2	801.461	3.63	Male reproductive organs	X:-:16714187-16714164	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_116662	RFYSNEEEAK	AGAP000883-PA	-	51	7.77E-05	1	1272.582	-2.82	Head	X:-:16713728-16713699	exon=> In CDS Exon 2 of transcript AGAP000883-PA
JHU_Ag_59795	IMTQLEFEEILSPNR	AGAP000884-PA	N14(Deamidated)	41	0.00137759	1	1820.900	-5.68	Pupa	X:+:16727016-16727060	exon=> In CDS Exon 4 of transcript AGAP000884-PA
JHU_Ag_2879	NYDANTAEVTQMR	AGAP000885-PA	M12(Oxidation)	128	1.29E-12	1	1528.669	-0.79	Pupa	X:-:16731204-16731166	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_7037	SALTNLNNINR	AGAP000885-PA	-	54	6.25E-05	2	1229.662	2.08	Larva	X:-:16730733-16730701	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_8710	SITPEHYNLR	AGAP000885-PA	-	41	0.000838328	1	1229.627	-0.36	Pupa	X:-:16732712-16732683	exon=> In CDS Exon 1 of transcript AGAP000885-PA
JHU_Ag_9868	SALTNLNNINR	AGAP000885-PA	-	72	9.07E-07	1	1229.659	-0.6	Pupa	X:-:16730733-16730701	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_13219	ADDIYNYLSPDTSR	AGAP000885-PA	-	55	3.81E-05	2	1629.739	-0.35	Pupa	X:-:16730163-16732545,16729033-16729279	exon=> In CDS Exon 3 and 2 of transcript AGAP000885-PA

JHU_Ag_19448	VYTHLGDER	AGAP000885-PA	-	50	0.000164 74	2	1089.534	1.13	Pupa	X:-:16732682-16732656	exon=> In CDS Exon 1 of transcript AGAP000885-PA
JHU_Ag_29451	VMDSWTLQTGYPIITVTR	AGAP000885-PA	-	66	3.45E-06	2	2081.065	-3.94	Pupa	X:-:16731258-16731205	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_31051	LICHEDTENIVLHSK	AGAP000885-PA	C3(Carbamidomethyl)	76	4.13E-07	1	1807.900	-0.6	Pupa	X:-:16732545-16732501	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_32925	LICHEDTENIVLHSK	AGAP000885-PA	C3(Carbamidomethyl)	49	0.000191 715	1	1807.905	2.24	Larva	X:-:16732545-16732501	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_35663	FDALQSSHPISVEIGHPNQISQIFDAISY EK	AGAP000885-PA	-	75	3.16E-07	1	3470.735	3.45	Pupa	X:-:16731531-16731439	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_37550	FYEDYFQQK	AGAP000885-PA	-	54	3.42E-05	1	1267.564	0.61	Pupa	X:-:16731888-16731862	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_38203	FYEDYFQQKFPLPK	AGAP000885-PA	-	59	2.09E-05	1	1849.921	2.74	Pupa	X:-:16731888-16731847	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_45989	ATFDIALAHDER	AGAP000885-PA	-	89	1.75E-08	1	1358.673	2.07	Pupa	X:-:16732173-16732138	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_47379	KQDATILFSGVSR	AGAP000885-PA	-	82	6.06E-08	2	1421.778	2.44	Pupa	X:-:16730247-16730209	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_47602	YLQSNVGAEK	AGAP000885-PA	-	60	1.47E-05	2	1108.566	2.03	Pupa	X:-:16730370-16730341	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_50243	DAIEQVDYAR	AGAP000885-PA	-	41	0.001228 464	2	1179.566	1.38	Pupa	X:-:16731942-16731913	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_69286	SVELFAR	AGAP000885-PA	-	38	0.002424 022	2	821.452	1	Pupa	X:-:16730511-16730491	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_72845	GFIFYGQVAMR	AGAP000885-PA	M10(Oxidation)	40	0.001954 345	2	1304.648	1.88	Pupa	X:-:16732655-16732623	exon=> In CDS Exon 1 of transcript AGAP000885-PA
JHU_Ag_74591	EAMAAEEGDVLFK	AGAP000885-PA	M3(Oxidation)	45	0.000437 447	2	1425.660	2.28	Pupa	X:-:16731996-16731958	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_80114	FDALQSSHPISVEIGHPNQISQIFDAISY EK	AGAP000885-PA	-	72	7.15E-07	1	3470.740	4.99	Larva	X:-:16731531-16731439	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_82456	EHDFVILNVATVLR	AGAP000885-PA	-	43	0.000279 509	1	1625.911	6	Larva	X:-:16732398-16732357	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_88949	FGEIGLLNR	AGAP000885-PA	-	59	1.23E-05	2	1018.569	0.7	Pupa	X:-:16730874-16730848	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_90400	NYQLIIAQLNGPR	AGAP000885-PA	N10(Deamidated)	79	9.12E-08	2	1499.836	2.19	Pupa	X:-:16730913-16730875	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_90697	IWLAVTQFEPTYAR	AGAP000885-PA	-	70	1.21E-06	2	1694.894	2.19	Pupa	X:-:16732251-16732210	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_99578	GFIFYGQVAMR	AGAP000885-PA	M10(Oxidation)	50	0.000202 625	2	1304.651	4.31	Larva	X:-:16732655-16732623	exon=> In CDS Exon 1 of transcript AGAP000885-PA
JHU_Ag_104040	RDAIEQVDYAR	AGAP000885-PA	-	63	8.69E-06	1	1335.667	1.37	Pupa	X:-:16731945-16731913	exon=> In CDS Exon 2 of transcript AGAP000885-PA
JHU_Ag_115645	VYTHLGDER	AGAP000885-PA	-	45	0.000522 895	1	1089.535	2.7	Larva	X:-:16732682-16732656	exon=> In CDS Exon 1 of transcript AGAP000885-PA
JHU_Ag_59874	TAIEDWIVEK	AGAP000886-PA	-	40	0.001669 357	2	1203.625	-0.7	Larva	X:-:16740747-16740718	exon=> In CDS Exon 2 of transcript AGAP000886-PA
JHU_Ag_23495	HNFDVPVEFR	AGAP000887-PA	-	55	4.31E-05	2	1259.619	1.7	Head	X:+:16745324-16745353	exon=> In CDS Exon 4 of transcript AGAP000887-PA
JHU_Ag_39895	DVTNQTQPKPPTEAIQSLR	AGAP000887-PA	-	56	2.61E-05	1	2123.107	-0.88	Midgut	X:+:16744553-16744609	exon=> In CDS Exon 3 of transcript AGAP000887-PA
JHU_Ag_65649	DVTNQTQPKPPTEAIQSLR	AGAP000887-PA	-	46	0.000262 806	1	2123.114	2.48	Head	X:+:16744553-16744609	exon=> In CDS Exon 3 of transcript AGAP000887-PA
JHU_Ag_80810	DVAAIEGLFSR	AGAP000887-PA	-	62	9.40E-06	2	1177.618	-2.77	Ovary	X:+:16745435-16745467	exon=> In CDS Exon 4 of transcript AGAP000887-PA
JHU_Ag_92161	HGFAHPNAVLWYDAAASDLQDVSK	AGAP000887-PA	-	125	4.49E-12	1	2612.275	8.33	Ovary	X:+:16744472-16744543	exon=> In CDS Exon 3 of transcript AGAP000887-PA

JHU_Ag_102806	DHHGLQTGTATNHIVVIPSANK	AGAP000887-PA	-	82	6.16E-08	1	2310.196	0.51	Head	X:+:16744080-16744121,16744187-16744210	exon=> In CDS Exon 2 and 3 of transcript AGAP000887-PA
JHU_Ag_114386	DVAAIEGLFSR	AGAP000887-PA	-	80	1.46E-07	2	1177.621	-0.18	Visceras	X:+:16745435-16745467	exon=> In CDS Exon 4 of transcript AGAP000887-PA
JHU_Ag_114501	HNFDVPVEFR	AGAP000887-PA	-	54	5.23E-05	2	1259.616	-0.53	Midgut	X:+:16745324-16745353	exon=> In CDS Exon 4 of transcript AGAP000887-PA
JHU_Ag_22257	IAGYDPCEGRPALASWLTAVR	AGAP000888-PA	C7(Carbamidomethyl)	57	2.91E-05	1	2303.165	2	Malpighian tubule	X:-:16746872-16746810	exon=> In CDS Exon 2 of transcript AGAP000888-PA
JHU_Ag_22894	LSPDHIVTPVVAEDE	AGAP000888-PA	-	65	6.24E-06	1	1620.813	0.8	Midgut	X:-:16746761-16746717	exon=> In CDS Exon 2 of transcript AGAP000888-PA
JHU_Ag_71978	LSPDHIVTPVVAEDE	AGAP000888-PA	-	61	1.32E-05	2	1620.812	0.42	Visceras	X:-:16746761-16746717	exon=> In CDS Exon 2 of transcript AGAP000888-PA
JHU_Ag_105606	LSPDHIVTPVVAEDE	AGAP000888-PA	-	81	1.46E-07	1	1620.819	4.26	Malpighian tubule	X:-:16746761-16746717	exon=> In CDS Exon 2 of transcript AGAP000888-PA
JHU_Ag_7888	FLFLTWIGPEVGVMQR	AGAP000889-PA	M14(Oxidation)	39	0.001039577	1	1909.014	5.14	Ovary	X:+:16756222-16756269	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_8228	SDSVEVEQMAESKPR	AGAP000889-PA	N-Term(Acetyl), M9(Oxidation)	106	3.39E-10	1	1749.802	3.35	Malpighian tubule	X:+:16748744-16748788	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_13242	SDSVEVEQMAESKPRK	AGAP000889-PA	N-Term(Acetyl)	59	2.37E-05	1	1861.898	1.13	Malpighian tubule	X:+:16748744-16748791	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_24490	SKFLFLTWIGPEVGVMQR	AGAP000889-PA	M16(Oxidation)	74	2.95E-07	1	2124.146	7.12	Malpighian tubule	X:+:16756216-16756269	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_26613	SDSVEVEQMAESKPR	AGAP000889-PA	N-Term(Acetyl)	102	8.62E-10	1	1733.800	-0.46	Midgut	X:+:16748744-16748788	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_27276	SDSVEVEQMAESKPR	AGAP000889-PA	N-Term(Acetyl), M9(Oxidation)	76	3.07E-07	1	1749.793	-1.74	Midgut	X:+:16748744-16748788	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_29489	SNMSDHEWAVFK	AGAP000889-PA	M3(Oxidation)	67	1.43E-06	1	1466.638	0.37	Male reproductive organs	X:+:16756051-16756086	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_36707	AFGYIR	AGAP000889-PA	-	42	0.000379357	2	726.394	0.75	Visceras	X:+:16756168-16756185	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_39378	SDSVEVEQMAESKPRK	AGAP000889-PA	N-Term(Acetyl), M9(Oxidation)	64	7.52E-06	1	1877.893	1.26	Malpighian tubule	X:+:16748744-16748791	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_49196	SNMSDHEWAVFK	AGAP000889-PA	M3(Oxidation)	87	1.60E-08	1	1450.642	-0.1	Midgut	X:+:16756051-16756086	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_50144	AGGANYGTGVR	AGAP000889-PA	-	86	3.45E-08	2	1022.502	0.2	Malpighian tubule	X:+:16756494-16756526	exon=> In CDS Exon 3 of transcript AGAP000889-PA
JHU_Ag_55057	SNMSDHEWAVFKFDGLK	AGAP000889-PA	M3(Oxidation)	62	6.91E-06	1	2026.931	-0.99	Midgut	X:+:16756051-16756101	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_63950	FLFLTWIGPEVGVMQR	AGAP000889-PA	M14(Oxidation)	67	1.93E-06	2	1909.012	4.11	Malpighian tubule	X:+:16756222-16756269	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_65929	AGGANYGTGVREL	AGAP000889-PA	-	99	2.39E-09	1	1264.630	1.83	Malpighian tubule	X:+:16756494-16756532	exon=> In CDS Exon 3 of transcript AGAP000889-PA
JHU_Ag_68859	GQGFQEFCAQFHDDER	AGAP000889-PA	C8(Carbamidomethyl)	59	3.44E-06	1	1970.810	0.91	Visceras	X:+:16756120-16756167	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_74547	SDSVEVEQMAESKPR	AGAP000889-PA	N-Term(Acetyl), M9(Oxidation)	95	4.50E-09	1	1749.797	0.56	Male reproductive organs	X:+:16748744-16748788	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_80799	SDSVEVEQMAESKPR	AGAP000889-PA	N-Term(Acetyl), M9(Oxidation)	53	7.42E-05	2	1749.801	2.65	Visceras	X:+:16748744-16748788	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_87150	SDSVEVEQMAESKPR	AGAP000889-PA	N-Term(Acetyl)	129	2.01E-12	1	1733.811	5.52	Malpighian tubule	X:+:16748744-16748788	exon=> In CDS Exon 1 of transcript AGAP000889-PA
JHU_Ag_97424	GQGFQEFCAQFHDDER	AGAP000889-PA	C8(Carbamidomethyl)	97	4.29E-10	1	1970.806	-1.57	Male reproductive organs	X:+:16756120-16756167	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_109097	AFGYIR	AGAP000889-PA	-	35	0.001883859	2	726.395	2.35	Midgut	X:+:16756168-16756185	exon=> In CDS Exon 2 of transcript AGAP000889-PA

JHU_Ag_114064	FLFLTWIGPEVGVMQR	AGAP000889-PA	M14(Oxidation)	87	2.34E-08	1	1893.010	0.5	Midgut	X:+:16756222-16756269	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_116300	GQGFQEFCAQFHDDER	AGAP000889-PA	C8(Carbamidomethyl)	107	4.48E-11	1	1970.807	-0.7	Midgut	X:+:16756120-16756167	exon=> In CDS Exon 2 of transcript AGAP000889-PA
JHU_Ag_55473	VVEFRTPEQTVANHTR	AGAP000890-PA	-	67	2.32E-06	1	1883.971	-0.48	Malpighian tubule	X:-:16764131-16764084	exon=> In CDS Exon 1 of transcript AGAP000890-PA
JHU_Ag_90756	FSCDTIAALVEELK	AGAP000890-PA	C3(Carbamidomethyl)	62	1.03E-05	2	1595.801	1.23	Ovary	X:-:16763555-16763514	exon=> In CDS Exon 1 of transcript AGAP000890-PA
JHU_Ag_109804	FSCDTIAALVEELKQHASAGR	AGAP000890-PA	C3(Carbamidomethyl)	93	7.01E-09	1	2303.145	-0.13	Ovary	X:-:16763555-16763493	exon=> In CDS Exon 1 of transcript AGAP000890-PA
JHU_Ag_7250	EQNETYLAMMR	AGAP000891-PA	M9(Oxidation), M10(Oxidation)	58	8.88E-06	2	1417.612	2.15	Midgut	X:+:16769231-16769263	exon=> In CDS Exon 3 of transcript AGAP000891-PA
JHU_Ag_14406	HIDPNSQFEAVFK	AGAP000891-PA	-	57	3.55E-05	1	1531.752	-1.09	Midgut	X:+:16771332-16771370	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_16536	IFDDMNFYITPDR	AGAP000891-PA	M5(Oxidation)	45	0.000305298	2	1662.749	1.38	Salivary gland	X:+:16768587-16768606,16768842-16768860	exon=> In CDS Exon 1 and 2 of transcript AGAP000891-PA
JHU_Ag_27981	SDFVDRPK	AGAP000891-PA	-	35	0.006368444	1	963.485	-4.29	Head	X:+:16771945-16771968	exon=> In CDS Exon 6 of transcript AGAP000891-PA
JHU_Ag_28789	VGDNVGLYGQSDKR	AGAP000891-PA	-	86	4.53E-08	1	1507.753	1.72	Malpighian tubule	X:+:16769348-16769389	exon=> In CDS Exon 3 of transcript AGAP000891-PA
JHU_Ag_35926	IFDDMNFYITPDR	AGAP000891-PA	M5(Oxidation)	80	9.41E-08	1	1662.749	1.38	Midgut	X:+:16768587-16768606,16768842-16768860	exon=> In CDS Exon 1 and 2 of transcript AGAP000891-PA
JHU_Ag_40032	NNFSDGFRQDSIELFLGMYR	AGAP000891-PA	M18(Oxidation)	37	0.003263181	1	2425.135	4.39	Head	X:+:16771586-16771645	exon=> In CDS Exon 5 of transcript AGAP000891-PA
JHU_Ag_57800	LYGAQCLINLIDHK	AGAP000891-PA	C6(Carbamidomethyl)	34	0.00493826	1	1657.874	0.58	Malpighian tubule	X:+:16770954-16770995	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_58875	NGEGLEFPSPLSVSDPTVDWR	AGAP000891-PA	-	78	2.42E-07	2	2302.112	5.81	Head	X:+:16771652-16771714	exon=> In CDS Exon 5 of transcript AGAP000891-PA
JHU_Ag_60157	DGLNSLTR	AGAP000891-PA	-	34	0.006053817	1	875.462	4.5	Head	X:+:16771553-16771576	exon=> In CDS Exon 5 of transcript AGAP000891-PA
JHU_Ag_64934	FGFYHTNHVGQVYSVQK	AGAP000891-PA	-	108	2.65E-10	1	2010.984	0.75	Head	X:+:16771158-16771208	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_65081	HIDPNSQFEAVFK	AGAP000891-PA	-	60	1.65E-05	2	1531.761	4.57	Head	X:+:16771332-16771370	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_72548	VGDNVGLYGQSDKR	AGAP000891-PA	-	71	1.60E-06	1	1507.753	2.29	Head	X:+:16769348-16769389	exon=> In CDS Exon 3 of transcript AGAP000891-PA
JHU_Ag_76430	IFDDMNFYITPDR	AGAP000891-PA	M5(Oxidation)	47	0.000180396	2	1662.756	5.41	Head	X:+:16768587-16768606,16768842-16768860	exon=> In CDS Exon 1 and 2 of transcript AGAP000891-PA
JHU_Ag_78854	LYGAQCLINLIDHK	AGAP000891-PA	C6(Carbamidomethyl)	61	1.02E-05	1	1657.879	3.31	Head	X:+:16770954-16770995	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_85217	LYIEPSESEQFVIIERPDGAVSLHTVDSK	AGAP000891-PA	-	110	1.09E-10	1	3258.653	0.09	Midgut	X:+:16768861-16768933,16769013-16769026	exon=> In CDS Exon 2 and 3 of transcript AGAP000891-PA
JHU_Ag_86082	SLEQALER	AGAP000891-PA	-	37	0.004172461	2	945.501	1.18	Head	X:+:16771281-16771304	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_91407	AYDATVSGVGNTQLHYVSFDFHK	AGAP000891-PA	-	42	0.000961852	1	2556.229	5.46	Head	X:+:16771020-16771088	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_99103	AYDATVSGVGNTQLHYVSFDFHK	AGAP000891-PA	-	45	0.000458338	1	2556.217	0.44	Salivary gland	X:+:16771020-16771088	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_99342	FVWNVGLLENFPLLVR	AGAP000891-PA	-	45	9.96E-05	2	1916.075	-2.02	Midgut	X:+:16769390-16769437	exon=> In CDS Exon 3 of transcript AGAP000891-PA
JHU_Ag_99477	LPIHGYELR	AGAP000891-PA	-	43	0.000287966	2	1097.611	0.92	Midgut	X:+:16769033-16769059	exon=> In CDS Exon 3 of transcript AGAP000891-PA

JHU_Ag_101386	TNCIDCLDR	AGAP000891-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	38	0.000893626	2	1166.495	2.13	Head	X:+:16771221-16771247	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_104915	ERLPIHGYELR	AGAP000891-PA	-	59	1.13E-05	1	1382.753	-0.85	Head	X:+:16769027-16769059	exon=> In CDS Exon 3 of transcript AGAP000891-PA
JHU_Ag_106280	VSFVQTR	AGAP000891-PA	-	47	0.000256502	2	836.463	1.02	Salivary gland	X:+:16770813-16770833	exon=> In CDS Exon 4 of transcript AGAP000891-PA
JHU_Ag_112223	LYIEPSESEQFVIIERPDGAVSLHTVDSK	AGAP000891-PA	-	49	9.39E-05	1	3258.677	7.26	Head	X:+:16768861-16768933,16769013-16769026	exon=> In CDS Exon 2 and 3 of transcript AGAP000891-PA
JHU_Ag_3646	TGLDDAEQDTKPVEK	AGAP000893-PA	-	87	2.58E-08	1	1645.794	1.59	Head	X:-:16805711-16805667	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_10664	GDIVCAVQECGTPLENEGK	AGAP000893-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	103	5.54E-10	1	2075.938	0.34	Head	X:-:16811439-16811383	exon=> In CDS Exon 3 of transcript AGAP000893-PA
JHU_Ag_12510	FYPEGAQVPSNPQKPCELCYCIR	AGAP000893-PA	C16(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl)	116	3.19E-11	1	2813.287	0.74	Pupa	X:-:16811965-16812325,16811723-16811823	exon=> In CDS Exon 2 and 1 of transcript AGAP000893-PA
JHU_Ag_17334	STLPGECCPSYSCPK	AGAP000893-PA	C7(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl)	37	0.00076068	1	1742.719	0.42	Pupa	X:-:16809450-16809406	exon=> In CDS Exon 3 of transcript AGAP000893-PA
JHU_Ag_19256	TGLDDAEQDTKPVEK	AGAP000893-PA	-	107	2.49E-10	1	1645.793	0.63	Pupa	X:-:16805711-16805667	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_21006	AIGQDCTIEKR	AGAP000893-PA	C6(Carbamidomethyl)	35	0.005058419	1	1290.649	1.16	Pupa	X:-:16812151-16812119	exon=> In CDS Exon 1 of transcript AGAP000893-PA
JHU_Ag_23046	VPVVVSTQDDDVAQEDPVK	AGAP000893-PA	-	44	0.000664539	2	2040.013	-0.19	Head	X:-:16809008-16808952	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_26642	YDCDHDK	AGAP000893-PA	C3(Carbamidomethyl)	20	0.002426275	2	952.348	1.22	Head	X:-:16811732-16811870,16809102-16811620	exon=> In CDS Exon 3 and 2 of transcript AGAP000893-PA
JHU_Ag_35829	AIGQDCTIEK	AGAP000893-PA	C6(Carbamidomethyl)	47	0.000326669	1	1134.544	-1.34	Pupa	X:-:16812151-16812122	exon=> In CDS Exon 1 of transcript AGAP000893-PA
JHU_Ag_37718	SDIICLQQSCPPPISGCNEEPIAGFCCPR	AGAP000893-PA	C5(Carbamidomethyl), C10(Carbamidomethyl), C17(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl)	42	0.000461301	1	3362.474	0.14	Pupa	X:-:16804220-16804134	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_39912	TGLDDAEQDTKPVEK	AGAP000893-PA	-	85	4.67E-08	1	1645.795	2.26	Visceras	X:-:16805711-16805667	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_73304	DNEIEADIQPVAVPEK	AGAP000893-PA	-	113	8.23E-11	1	1766.886	2.7	Head	X:-:16807250-16807203	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_74637	ENEIDDHHDQTNAVEHDDGASADIPEEQK	AGAP000893-PA	-	66	7.42E-07	1	3258.361	-2.43	Head	X:-:16810497-16810411	exon=> In CDS Exon 3 of transcript AGAP000893-PA
JHU_Ag_75034	DDPCDFCFCFR	AGAP000893-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	24	0.000546375	2	1538.550	-0.05	Head	X:-:16804253-16804221	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_100293	LYVSAQQIPR	AGAP000893-PA	-	39	0.000985856	2	1174.663	4.33	Pupa	X:-:16804283-16804254	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_110021	TGLDDAEQDTKPVEK	AGAP000893-PA	-	44	0.000552502	1	1645.794	1.25	Larva	X:-:16805711-16805667	exon=> In CDS Exon 4 of transcript AGAP000893-PA
JHU_Ag_110185	DDPCDFCFCFR	AGAP000893-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	86	6.93E-10	1	1538.555	3.36	Pupa	X:-:16804253-16804221	exon=> In CDS Exon 4 of transcript AGAP000893-PA

JHU_Ag_50314	QKELIYK	AGAP000894-PA	Q1(Deamidated)	40	0.000667273	1	922.528	4.14	Midgut	X:-:16936434-16936414	exon=> In CDS Exon 2 of transcript AGAP000894-PA
JHU_Ag_1800	LSEEEAVQYFLK	AGAP000896-PA	-	59	1.90E-05	2	1455.738	0.66	Visceras	X:-:16950258-16950223	exon=> In CDS Exon 1 of transcript AGAP000896-PA
JHU_Ag_6443	RAPMAAAPPAPAPK	AGAP000897-PA	M4(Oxidation)	56	3.20E-05	1	1361.737	0.7	Malpighian tubule	X:+:16954871-16954872,16955632-16955671	exon=> In CDS Exon 1 and 2 of transcript AGAP000897-PA
JHU_Ag_40703	RAPMAAAPPAPAPK	AGAP000897-PA	M4(Oxidation)	62	7.59E-06	1	1345.743	1.82	Head	X:+:16954871-16954872,16955632-16955671	exon=> In CDS Exon 1 and 2 of transcript AGAP000897-PA
JHU_Ag_1593	DGKPADTFYAFQLLEETGICIVPGSGFGQRPGTYHFR	AGAP000901-PA	C20(Carbamidomethyl)	113	4.70E-11	1	4132.006	0.97	Malpighian tubule	X:-:17030819-17031854,17030535-17030625	exon=> In CDS Exon 4 and 3 of transcript AGAP000901-PA
JHU_Ag_1703	DGKPADTFYAFQLLEETGICIVPGSGFGQRPGTYHFR	AGAP000901-PA	C20(Carbamidomethyl)	113	4.41E-11	1	4132.018	3.72	Visceras	X:-:17030819-17031854,17030535-17030625	exon=> In CDS Exon 4 and 3 of transcript AGAP000901-PA
JHU_Ag_2696	GEPSYEQFEK	AGAP000901-PA	-	37	0.001452413	2	1213.539	1.07	Malpighian tubule	X:-:17031008-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_3306	ERAELVAR	AGAP000901-PA	-	41	0.001101396	1	943.527	-5.48	Head	X:-:17030948-17030925	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_3325	AGVIEKELEEGAK	AGAP000901-PA	-	91	9.77E-09	1	1372.732	-0.13	Visceras	X:-:17036170-17036473,17035903-17035984	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_3972	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	83	3.89E-08	1	2371.261	2.91	Head	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_4660	ASVLESLR	AGAP000901-PA	-	64	7.50E-06	2	874.499	-0.61	Head	X:-:17030972-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_5509	GGYAEIVNLCPDVR	AGAP000901-PA	C10(Carbamidomethyl)	88	2.81E-08	1	1562.764	0.78	Visceras	X:-:17031140-17031099	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_5636	KGEPSYEQFEK	AGAP000901-PA	-	79	1.31E-07	1	1341.632	-0.4	Malpighian tubule	X:-:17031011-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_8759	CISAQLCPTTAGQAVLDCVVNPPRK	AGAP000901-PA	C1(Carbamidomethyl), C7(Carbamidomethyl), C18(Carbamidomethyl)	76	3.87E-07	1	2755.383	5.16	Head	X:-:17031083-17031009	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_9216	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	110	1.26E-10	1	2822.334	1.24	Midgut	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_10439	SNIEDIIK	AGAP000901-PA	-	62	1.32E-05	2	931.509	-0.16	Ovary	X:-:17031350-17031327	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_14315	EMLGLFK	AGAP000901-PA	-	43	0.000548072	1	837.455	1.5	Head	X:-:17030591-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_15939	ASVLESLR	AGAP000901-PA	-	64	5.55E-06	2	874.502	2.67	Malpighian tubule	X:-:17030972-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_16205	GEPSYEQFEK	AGAP000901-PA	-	50	7.02E-05	2	1213.535	-1.85	Head	X:-:17031008-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_16888	CISAQLCPTTAGQAVLDCVVNPPR	AGAP000901-PA	C1(Carbamidomethyl), C7(Carbamidomethyl), C18(Carbamidomethyl)	67	2.73E-06	2	2627.272	-0.74	Head	X:-:17031083-17031012	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_17095	MELCSFMSCSK	AGAP000901-PA	C4(Carbamidomethyl), C9(Carbamidomethyl),"C4 (Carbamidomethyl), M7(Oxidation), C9(Carbamidomethyl)"	47	2.79E-05	2	1395.538	-2.03	Midgut	X:-:17031200-17031168	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_17407	VMMEMGEPYSK	AGAP000901-PA	-	55	1.47E-05	1	1301.558	0.02	Salivary gland	X:-:17031233-17031201	exon=> In CDS Exon 3 of transcript AGAP000901-PA

JHU_Ag_18581	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	146	4.47E-14	1	1653.806	-0.9	Ovary	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_19320	GGSVGSYSDSAGIEVIRR	AGAP000901-PA	-	39	0.001913068	1	1809.909	0.12	Pupa	X:-:17031758-17031705	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_20166	AILDGCKGGSVGSYSDSAGIEVIR	AGAP000901-PA	C6(Carbamidomethyl)	105	4.69E-10	1	2411.199	4.76	Malpighian tubule	X:-:17031779-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_21941	TFNSIEGFSCNPVQGAMYAFPQIR	AGAP000901-PA	C10(Carbamidomethyl),"C10(Carbamidomethyl), M17(Oxidation)"	103	7.31E-10	1	2734.285	3.6	Visceras	X:-:17030924-17030853	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_22687	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	72	4.45E-07	1	2371.261	2.55	Visceras	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_24304	AGVIEKELEEGAK	AGAP000901-PA	-	52	9.17E-05	2	1372.729	-1.91	Midgut	X:-:17036170-17036473,17035903-17035984	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_24324	TTILPQPEK	AGAP000901-PA	-	38	0.000898111	1	1026.584	0.45	Head	X:-:17030624-17030598	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_25735	CVSVDNINPAIK	AGAP000901-PA	C1(Carbamidomethyl)	72	9.37E-07	2	1329.683	-0.38	Midgut	X:-:17036245-17036210	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_26177	AGVIEKELEEGAK	AGAP000901-PA	-	103	6.62E-10	1	1372.737	3.96	Male reproductive organs	X:-:17036170-17036473,17035903-17035984	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_27202	ELEEGAK	AGAP000901-PA	-	37	0.002256055	1	775.383	-0.91	Midgut	X:-:17036152-17036473,17035903-17035984	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_27558	SNIEDIIK	AGAP000901-PA	-	46	0.000491426	2	931.507	-2.25	Salivary gland	X:-:17031350-17031327	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_28167	CVSVDNINPAIK	AGAP000901-PA	C1(Carbamidomethyl)	76	3.64E-07	1	1329.683	-0.48	Ovary	X:-:17036245-17036210	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_28524	GGYAEIVNLCPDVR	AGAP000901-PA	C10(Carbamidomethyl)	101	1.29E-09	1	1562.765	1.18	Malpighian tubule	X:-:17031140-17031099	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_29098	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	84	3.09E-08	1	2371.258	1.52	Salivary gland	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_29158	GGYAEIVNLCPDVR	AGAP000901-PA	C10(Carbamidomethyl)	95	6.17E-09	1	1562.767	2.35	Head	X:-:17031140-17031099	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_29307	GGSVGSYSDSAGIEVIRR	AGAP000901-PA	-	39	0.001791974	1	1809.911	0.91	Head	X:-:17031758-17031705	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_29481	SMEYAVR	AGAP000901-PA	M2(Oxidation)	48	9.00E-05	2	871.397	-0.83	Malpighian tubule	X:-:17036209-17036189	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_29792	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	126	4.08E-12	1	1653.813	3.16	Midgut	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_30220	DGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	143	5.54E-14	1	2140.105	0.63	Midgut	X:-:17031677-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_30249	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	141	1.46E-13	1	1653.807	-0.68	Malpighian tubule	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_30856	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	95	4.61E-09	1	1653.809	0.5	Male reproductive organs	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_31010	KPGVMIPIPQYPLYSATIAEFDMEQIGYYLDEANK	AGAP000901-PA	M5(Oxidation), M23(Oxidation)	186	1.97E-18	1	4036.971	2.79	Malpighian tubule	X:-:17031572-17031468	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_31141	GGSVGSYSDSAGIEVIRR	AGAP000901-PA	-	55	4.93E-05	1	1809.908	-0.37	Visceras	X:-:17031758-17031705	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_32048	GPLVIR	AGAP000901-PA	-	21	0.007784711	1	654.430	0.35	Head	X:-:17036188-17036171	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_32606	EKASVLESLR	AGAP000901-PA	-	37	0.002784862	2	1131.636	-1.17	Head	X:-:17030978-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA

JHU_Ag_32650	VMMEMGEPYSK	AGAP000901-PA	M2(Oxidation), M3(Oxidation), M5(Oxidation)	46	4.87E-05	2	1349.547	3.36	Larva	X:-:17031233-17031201	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_32821	ILVVINPGNPTGQVLSR	AGAP000901-PA	-	116	3.43E-12	1	1777.038	2.54	Head	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_32898	GGYAEIVNLCPDVR	AGAP000901-PA	C10(Carbamidomethyl)	92	1.18E-08	1	1562.763	-0.07	Midgut	X:-:17031140-17031099	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_33134	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	105	2.30E-10	1	2371.255	0.05	Malpighian tubule	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_34716	VLMALLR	AGAP000901-PA	M3(Oxidation)	53	1.71E-05	2	815.517	0.28	Midgut	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_35136	ANIGDCHAMGQPPITFIR	AGAP000901-PA	C6(Carbamidomethyl)	38	0.002319089	1	1997.969	0.17	Salivary gland	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_35397	GGSVGSYSDSAGIEVIRR	AGAP000901-PA	-	61	1.29E-05	1	1809.910	0.57	Malpighian tubule	X:-:17031758-17031705	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_35826	ERAELVAR	AGAP000901-PA	-	54	6.21E-05	1	943.532	-0.3	Malpighian tubule	X:-:17030948-17030925	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_35893	HAAEYIQR	AGAP000901-PA	-	64	4.71E-06	1	987.501	0.1	Midgut	X:-:17031704-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_36108	ASVLESLR	AGAP000901-PA	-	62	1.19E-05	2	874.499	-0.26	Midgut	X:-:17030972-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_36621	LKEMLGLFK	AGAP000901-PA	M4(Oxidation)	45	0.000145536	1	1094.626	-1.6	Head	X:-:17030597-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_36701	ANIGDCHAMGQPPITFIR	AGAP000901-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), M9(Oxidation)"	132	1.06E-12	1	2013.963	-0.18	Malpighian tubule	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_36820	SNIEDIIK	AGAP000901-PA	-	49	0.000236141	2	931.510	0.3	Midgut	X:-:17031350-17031327	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_37099	KGEPSYEQFEK	AGAP000901-PA	-	69	1.22E-06	1	1341.633	0.33	Pupa	X:-:17031011-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_38610	DGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	138	1.55E-13	1	2140.107	1.89	Malpighian tubule	X:-:17031677-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_39271	ILVVINPGNPTGQVLSR	AGAP000901-PA	-	85	4.78E-09	1	1777.042	5.22	Larva	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_39696	KPGVMIPIPQYPLYSATIAEFDMEQIGYYLDEANKWGLDIAELER	AGAP000901-PA	M5(Oxidation), M23(Oxidation)	87	9.37E-09	1	5219.588	4.72	Malpighian tubule	X:-:17031572-17031438	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_40384	WGLDIAELER	AGAP000901-PA	-	65	4.43E-06	1	1201.621	0.03	Malpighian tubule	X:-:17031467-17031438	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_40716	MELCSFMSCSK	AGAP000901-PA	M1(Oxidation), C4(Carbamidomethyl), M7(Oxidation), C9(Carbamidomethyl),"C4 (Carbamidomethyl), M7(Oxidation), C9(Carbamidomethyl)"	59	1.23E-06	2	1411.537	0.38	Malpighian tubule	X:-:17031200-17031168	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_40788	ANIGDCHAMGQPPITFIR	AGAP000901-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), M9(Oxidation)"	110	1.36E-10	1	1997.976	3.93	Head	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_40851	VLMALLR	AGAP000901-PA	M3(Oxidation)	53	1.64E-05	2	815.518	0.36	Malpighian tubule	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_40968	CVSVDNINPAIK	AGAP000901-PA	C1(Carbamidomethyl)	79	1.80E-07	2	1329.682	-0.84	Visceras	X:-:17036245-17036210	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_40996	CISAQLCPTTAGQAVLDCVVNPPRK	AGAP000901-PA	C1(Carbamidomethyl), C7(Carbamidomethyl), C18(Carbamidomethyl)	43	0.000623756	1	2755.373	1.51	Malpighian tubule	X:-:17031083-17031009	exon=> In CDS Exon 3 of transcript AGAP000901-PA

JHU_Ag_41606	SMEYAVRGPLVIR	AGAP000901-PA	-	64	3.68E-06	1	1490.813	-1.36	Malpighian tubule	X:-:17036209-17036171	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_42222	CISAQLCPTTAGQAVLDCVVNPPR	AGAP000901-PA	C1(Carbamidomethyl), C7(Carbamidomethyl), C18(Carbamidomethyl)	102	8.66E-10	2	2627.278	1.49	Visceras	X:-:17031083-17031012	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_42341	VLMALLR	AGAP000901-PA	M3(Oxidation)	55	1.05E-05	2	815.516	-0.91	Visceras	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_42444	SNIEDIIK	AGAP000901-PA	-	44	0.000964 85	2	931.509	-0.35	Head	X:-:17031350-17031327	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_44422	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	96	2.05E-09	1	2371.258	1.36	Ovary	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_44813	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	140	1.74E-13	1	1653.808	0.13	Salivary gland	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_46579	SNIEDIIK	AGAP000901-PA	-	62	1.47E-05	2	931.509	-0.55	Pupa	X:-:17031350-17031327	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_47566	ERAELVAR	AGAP000901-PA	-	45	0.000548 927	2	943.532	0.41	Visceras	X:-:17030948-17030925	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_48140	LVLFADEVYQDNVYESGSQFHSFKK	AGAP000901-PA	-	147	2.42E-14	1	2950.432	1.92	Head	X:-:17031308-17031234	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_49671	ELEEGAKKPFK	AGAP000901-PA	-	35	0.004237 679	1	1275.693	-0.78	Pupa	X:-:17036152-17036473,17035903-17035972	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_50399	TTILPQPEK	AGAP000901-PA	-	32	0.003603 756	1	1026.582	-0.69	Ovary	X:-:17030624-17030598	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_50697	DGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	109	1.51E-10	1	2140.103	-0.39	Visceras	X:-:17031677-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_50718	TTILPQPEK	AGAP000901-PA	-	42	0.000420 078	1	1026.583	0.02	Salivary gland	X:-:17030624-17030598	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_50745	CVSVDNINPAIK	AGAP000901-PA	C1(Carbamidomethyl)	55	4.26E-05	2	1329.678	-3.6	Pupa	X:-:17036245-17036210	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_51688	GGYAEIVNLCPDVR	AGAP000901-PA	C10(Carbamidomethyl)	77	3.76E-07	2	1562.767	2.19	Salivary gland	X:-:17031140-17031099	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_53317	DGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	90	1.07E-08	2	2140.108	2.23	Pupa	X:-:17031677-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_53515	LKEMLGLFK	AGAP000901-PA	M4(Oxidation)	38	0.000752 671	1	1094.627	-0.48	Visceras	X:-:17030597-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_54890	SFHEKFLQK	AGAP000901-PA	-	53	6.61E-05	1	1163.620	-0.45	Malpighian tubule	X:-:17030570-17030544	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_55295	KDGKPADTFYAFQLLEETGICIVPGSGF GQRPGTYHFR	AGAP000901-PA	C21(Carbamidomethyl)	98	1.30E-09	1	4260.093	-0.92	Malpighian tubule	X:-:17030822-17031854,17030535-17030625	exon=> In CDS Exon 4 and 3 of transcript AGAP000901-PA
JHU_Ag_55661	LKEMLGLFK	AGAP000901-PA	M4(Oxidation)	62	1.72E-06	1	1078.632	-0.45	Midgut	X:-:17030597-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_55886	RHAAEYIQR	AGAP000901-PA	-	34	0.004924 565	3	1143.605	2.92	Larva	X:-:17031707-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_56281	EMLGLFK	AGAP000901-PA	-	41	0.000888 383	1	837.456	2.45	Midgut	X:-:17030591-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_58116	ASVLESLR	AGAP000901-PA	-	51	0.000144 554	1	874.499	-0.54	Visceras	X:-:17030972-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_58190	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	122	8.40E-12	1	2822.340	3.18	Malpighian tubule	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_58585	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	116	3.67E-11	1	1653.809	0.65	Pupa	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_58743	LKEMLGLFK	AGAP000901-PA	M4(Oxidation)	52	3.35E-05	1	1094.629	1.34	Ovary	X:-:17030597-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA

JHU_Ag_59104	WGLDIAELER	AGAP000901-PA	-	70	1.53E-06	2	1201.629	6.53	Midgut	X:-:17031467-17031438	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_59179	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	38	0.001026437	1	2371.260	2.14	Pupa	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_59290	ILVVINPGNPTGQVLSR	AGAP000901-PA	-	120	1.77E-12	1	1777.033	-0.28	Salivary gland	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_61210	KGEPSYEQFEK	AGAP000901-PA	-	53	4.61E-05	2	1341.633	0.6	Salivary gland	X:-:17031011-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_61797	GGYAEIVNLCPDVR	AGAP000901-PA	C10(Carbamidomethyl)	75	6.04E-07	1	1562.764	0.63	Pupa	X:-:17031140-17031099	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_61890	ERAELVAR	AGAP000901-PA	-	50	0.000126452	1	943.531	-0.56	Midgut	X:-:17030948-17030925	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_63118	ANIGDCHAMGQPPITFIR	AGAP000901-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M9(Oxidation)"	108	2.37E-10	1	1997.971	1.36	Visceras	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_63623	TFNSIEGFSCNPVQGAMYAFPQIRLPAK	AGAP000901-PA	C10(Carbamidomethyl),"C10(Carbamidomethyl),M17(Oxidation)"	149	1.72E-14	1	3159.545	1.92	Malpighian tubule	X:-:17030924-17030841	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_64534	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	110	1.28E-10	1	2822.336	1.82	Salivary gland	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_65048	VLMALLR	AGAP000901-PA	M3(Oxidation)	52	2.38E-05	1	831.512	-0.36	Ovary	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_66401	LVLFADEVYQDNVYESGSQFHSFKK	AGAP000901-PA	-	134	4.90E-13	1	2950.424	-0.64	Visceras	X:-:17031308-17031234	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_67483	WGLDIAELER	AGAP000901-PA	-	70	1.41E-06	2	1201.622	0.43	Pupa	X:-:17031467-17031438	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_67778	ILVVINPGNPTGQVLSR	AGAP000901-PA	-	82	1.06E-08	1	1777.034	0.41	Male reproductive organs	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_68408	ILVVINPGNPTGQVLSR	AGAP000901-PA	-	128	2.56E-13	1	1777.031	-0.96	Ovary	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_69588	CVSVDNINPAIK	AGAP000901-PA	C1(Carbamidomethyl)	85	4.95E-08	1	1329.683	-0.02	Malpighian tubule	X:-:17036245-17036210	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_71171	LVLFADEVYQDNVYESGSQFHSFKK	AGAP000901-PA	-	37	0.002287493	1	2950.431	1.59	Salivary gland	X:-:17031308-17031234	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_71218	ANIGDCHAMGQPPITFIR	AGAP000901-PA	C6(Carbamidomethyl),M9(Oxidation)	39	0.002220624	1	2013.969	2.57	Male reproductive organs	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_71417	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	75	2.23E-07	1	2371.258	1.63	Midgut	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_71545	DGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	143	5.23E-14	1	2140.106	1.32	Head	X:-:17031677-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_72939	AGVIEKELEEGAK	AGAP000901-PA	-	110	1.38E-10	1	1372.733	0.76	Malpighian tubule	X:-:17036170-17036473,17035903-17035984	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_73437	ANIGDCHAMGQPPITFIR	AGAP000901-PA	C6(Carbamidomethyl),M9(Oxidation)	72	9.29E-07	1	2013.966	1.2	Ovary	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_73868	LKEMLGLFK	AGAP000901-PA	M4(Oxidation)	36	0.001226324	1	1094.628	0.34	Salivary gland	X:-:17030597-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_74084	WGLDIAELER	AGAP000901-PA	-	70	1.49E-06	2	1201.627	4.7	Salivary gland	X:-:17031467-17031438	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_74589	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	75	4.64E-07	1	2822.333	0.59	Male reproductive organs	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_75394	HAAEYIQR	AGAP000901-PA	-	55	3.36E-05	2	987.506	5.04	Larva	X:-:17031704-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA

JHU_Ag_75577	HAAEYIQR	AGAP000901-PA	-	64	5.14E-06	1	987.500	-0.64	Head	X:-:17031704-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_75585	CISAQLCPTTAGQAVLDCVVNPPR	AGAP000901-PA	C1(Carbamidomethyl), C7(Carbamidomethyl), C18(Carbamidomethyl)	86	3.41E-08	1	2627.282	2.93	Malpighian tubule	X:-:17031083-17031012	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_75586	VMMEMGEPYSK	AGAP000901-PA	M2(Oxidation), M3(Oxidation), M5(Oxidation)	61	4.87E-06	1	1301.562	3.49	Malpighian tubule	X:-:17031233-17031201	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_76292	ALEAAKK	AGAP000901-PA	-	37	0.002464453	2	730.445	-1.37	Head	X:-:17030840-17030820	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_77986	KGEPSYEQFEK	AGAP000901-PA	-	79	1.29E-07	1	1341.632	-0.21	Visceras	X:-:17031011-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_78026	SNIEDIIK	AGAP000901-PA	-	68	3.44E-06	2	931.509	-0.81	Malpighian tubule	X:-:17031350-17031327	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_78305	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	64	5.96E-06	2	1653.819	6.48	Larva	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_78955	WGLDIAELER	AGAP000901-PA	-	52	8.50E-05	2	1201.621	-0.07	Head	X:-:17031467-17031438	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_79168	ILVVINPGNPTGQVLSR	AGAP000901-PA	-	115	6.00E-12	1	1777.036	1.65	Visceras	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_79370	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	137	3.30E-13	1	1653.808	0.21	Visceras	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_80231	LKEMLGLFK	AGAP000901-PA	M4(Oxidation)	63	2.25E-06	1	1094.628	-0.04	Malpighian tubule	X:-:17030597-17030571	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_80535	LVLFADEVYQDNVYESGSQFHSFKK	AGAP000901-PA	-	96	3.46E-09	1	2950.420	-1.88	Midgut	X:-:17031308-17031234	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_81045	KGEPSYEQFEK	AGAP000901-PA	-	75	3.02E-07	1	1341.632	-0.49	Head	X:-:17031011-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_82095	GGYAEIVNLCPDVR	AGAP000901-PA	C10(Carbamidomethyl)	52	0.000116015	2	1562.762	-0.78	Male reproductive organs	X:-:17031140-17031099	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_82315	DGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	99	1.43E-09	1	2140.102	-0.74	Salivary gland	X:-:17031677-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_82390	GYMGECGIR	AGAP000901-PA	M3(Oxidation), C6(Carbamidomethyl)	43	0.000131623	2	1058.439	-0.28	Salivary gland	X:-:17031167-17031141	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_82704	TFNSIEGFSCNPVQGAMYAFPQIR	AGAP000901-PA	C10(Carbamidomethyl), M17(Oxidation)	99	1.37E-09	1	2750.269	-0.42	Head	X:-:17030924-17030853	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_83092	AILDGCK	AGAP000901-PA	C6(Carbamidomethyl)	45	0.000743669	1	776.397	0.39	Malpighian tubule	X:-:17031779-17031759	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_83349	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	98	2.17E-09	1	2822.334	1.24	Ovary	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_83778	GGSVGSYSDSAGIEVIR	AGAP000901-PA	-	146	4.25E-14	1	1653.810	1.17	Head	X:-:17031758-17031708	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_83950	TTILPQPEK	AGAP000901-PA	-	35	0.00193088	1	1026.582	-1.33	Midgut	X:-:17030624-17030598	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_85706	ANIGDCHAMGQPPITFIR	AGAP000901-PA	N2(Deamidated), C6(Carbamidomethyl), M9(Oxidation),C6(Carbamidomethyl),"C6(Carbamidomethyl), M9(Oxidation)"	98	2.23E-09	1	1997.968	-0.04	Midgut	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_86860	ANIGDCHAMGQPPITFIR	AGAP000901-PA	C6(Carbamidomethyl), M9(Oxidation)	36	0.003905324	1	2013.975	5.93	Larva	X:-:17035959-17035906	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_86932	VMMEMGEPYSK	AGAP000901-PA	-	52	3.13E-05	1	1301.558	0.11	Visceras	X:-:17031233-17031201	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_87300	GYMGECGIR	AGAP000901-PA	M3(Oxidation), C6(Carbamidomethyl)	57	5.26E-06	1	1058.439	-0.16	Midgut	X:-:17031167-17031141	exon=> In CDS Exon 3 of transcript AGAP000901-PA

JHU_Ag_87332	RHAAEYIQR	AGAP000901-PA	-	46	0.000342434	1	1143.601	-0.27	Malpighian tubule	X:-:17031707-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_87980	TTILPQPEK	AGAP000901-PA	-	35	0.001948747	1	1026.582	-1.17	Pupa	X:-:17030624-17030598	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_88857	DGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	67	2.65E-06	1	2140.101	-1.08	Male reproductive organs	X:-:17031677-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_93515	GPLVIR	AGAP000901-PA	-	30	0.000834147	1	654.430	-0.02	Malpighian tubule	X:-:17036188-17036171	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_93974	GYMGECGIR	AGAP000901-PA	M3(Oxidation), C6(Carbamidomethyl),C6(Carbamidomethyl)	67	5.67E-07	1	1058.440	0.99	Malpighian tubule	X:-:17031167-17031141	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_95093	RDGGIPADWQNIILSAGASGGIK	AGAP000901-PA	-	60	1.07E-05	1	2296.198	-3	Malpighian tubule	X:-:17031680-17031612	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_95417	MELCSFMSCSK	AGAP000901-PA	C4(Carbamidomethyl), C9(Carbamidomethyl),"C4(Carbamidomethyl), M7(Oxidation), C9(Carbamidomethyl)"	75	5.55E-08	2	1379.546	-0.08	Visceras	X:-:17031200-17031168	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_95685	QVLGLVSYPPLFNDPSIPTDAK	AGAP000901-PA	-	34	0.003097311	2	2371.262	3.27	Larva	X:-:17035905-17035992,17030768-17031792	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_96580	GYMGECGIR	AGAP000901-PA	C6(Carbamidomethyl)	53	2.12E-05	1	1042.444	-0.83	Visceras	X:-:17031167-17031141	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_97183	VLMALLR	AGAP000901-PA	M3(Oxidation)	49	4.31E-05	2	831.512	-0.58	Salivary gland	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_97462	TFNSIEGFSCNPVQGAMYAFPQIR	AGAP000901-PA	C10(Carbamidomethyl), M17(Oxidation)	41	0.000872734	1	2750.275	1.55	Ovary	X:-:17030924-17030853	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_98603	TTILPQPEK	AGAP000901-PA	-	38	0.001031169	2	1026.583	0.26	Visceras	X:-:17030624-17030598	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_98834	KDGKPADTFYAFQLLEETGICIVPGSGFGQRPGTYHFR	AGAP000901-PA	C21(Carbamidomethyl)	34	0.003382537	1	4260.096	-0.32	Midgut	X:-:17030822-17031854,17030535-17030625	exon=> In CDS Exon 4 and 3 of transcript AGAP000901-PA
JHU_Ag_99952	SNIEDIIK	AGAP000901-PA	-	45	0.000708696	2	931.509	-0.29	Visceras	X:-:17031350-17031327	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_100303	KGEPSYEQFEK	AGAP000901-PA	-	87	2.21E-08	2	1341.630	-1.49	Midgut	X:-:17031011-17030979	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_101865	AGVIEKELEEGAK	AGAP000901-PA	-	46	0.000326972	2	1372.741	6.36	Pupa	X:-:17036170-17036473,17035903-17035984	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_102317	ASVLESLR	AGAP000901-PA	-	58	3.25E-05	2	874.500	0.99	Pupa	X:-:17030972-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_102514	TTILPQPEK	AGAP000901-PA	-	51	4.60E-05	1	1026.584	1.09	Malpighian tubule	X:-:17030624-17030598	exon=> In CDS Exon 4 of transcript AGAP000901-PA
JHU_Ag_103586	MELCSFMSCSK	AGAP000901-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	52	1.25E-05	2	1379.547	0.36	Head	X:-:17031200-17031168	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_104881	CVSVDNINPAIK	AGAP000901-PA	C1(Carbamidomethyl)	79	1.84E-07	2	1329.683	0.17	Head	X:-:17036245-17036210	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_105073	RHAAEYIQR	AGAP000901-PA	-	36	0.003226019	3	1143.600	-1.57	Head	X:-:17031707-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_106650	VLMALLR	AGAP000901-PA	-	42	0.000186159	2	815.518	0.73	Pupa	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_107029	HAAEYIQRR	AGAP000901-PA	-	49	0.000161278	1	1143.602	0.03	Malpighian tubule	X:-:17031704-17031678	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_107220	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	119	1.75E-11	1	2822.334	1.17	Head	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA

JHU_Ag_107993	ASVLESLR	AGAP000901-PA	-	40	0.002177 86	2	874.499	-0.12	Ovary	X:-:17030972-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_108082	ILVVINPGNPTGQVLSR	AGAP000901-PA	-	124	7.35E-13	1	1777.032	-0.55	Midgut	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_108089	CVSVDNINPAIK	AGAP000901-PA	C1(Carbamidomethyl)	76	3.51E-07	1	1329.682	-0.75	Salivary gland	X:-:17036245-17036210	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_108687	TFNSIEGFSCNPVQGAMYAFPQIR	AGAP000901-PA	C10(Carbamidomethyl), M17(Oxidation)	102	7.82E-10	2	2750.272	0.47	Midgut	X:-:17030924-17030853	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_109115	GPLVIR	AGAP000901-PA	-	25	0.002794 104	1	654.430	-0.02	Pupa	X:-:17036188-17036171	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_109626	ILVVINPGNPTGQVLSR	AGAP000901-PA	Q13(Deamidated),N6(Deamidated)	114	6.54E-12	1	1777.037	1.92	Pupa	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_110324	HAAEYIQR	AGAP000901-PA	-	64	4.99E-06	1	987.499	-1.26	Malpighian tubule	X:-:17031704-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_110376	VLMALLR	AGAP000901-PA	M3(Oxidation)	38	0.000585 483	2	831.514	2.28	Larva	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_111158	TFNSIEGFSCNPVQGAMYAFPQIR	AGAP000901-PA	C10(Carbamidomethyl),"C10(Carbamidomethyl), M17(Oxidation)"	163	5.52E-16	1	2750.272	0.64	Malpighian tubule	X:-:17030924-17030853	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_111459	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	75	4.22E-07	1	2822.338	2.47	Pupa	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_112032	KPFKEVIR	AGAP000901-PA	-	26	0.004959 326	1	1016.625	0.23	Malpighian tubule	X:-:17035983-17035960	exon=> In CDS Exon 2 of transcript AGAP000901-PA
JHU_Ag_112287	LVLFADEVYQDNVYESGSQFHSFKK	AGAP000901-PA	-	50	0.000119 501	1	2950.419	-2.31	Male reproductive organs	X:-:17031308-17031234	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_112422	GGSVGSYSDSAGIEVIRR	AGAP000901-PA	-	50	0.000162 679	1	1809.908	-0.48	Male reproductive organs	X:-:17031758-17031705	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_112463	RHAAEYIQR	AGAP000901-PA	-	35	0.003534 759	3	1143.601	-0.77	Visceras	X:-:17031707-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_113277	GGSVGSYSDSAGIEVIRR	AGAP000901-PA	-	48	0.000226 116	1	1809.908	-0.48	Midgut	X:-:17031758-17031705	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_113330	LVLFADEVYQDNVYESGSQFHSFKK	AGAP000901-PA	-	114	4.90E-11	1	2950.425	-0.39	Malpighian tubule	X:-:17031308-17031234	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_114348	VLMALLR	AGAP000901-PA	-	38	0.000505 689	2	815.517	-0.32	Head	X:-:17031611-17031591	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_114370	LVLFADEVYQDNVYESGSQFHSFK	AGAP000901-PA	-	135	3.99E-13	1	2822.330	-0.19	Visceras	X:-:17031308-17031237	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_114374	SNIEDIIKFAQR	AGAP000901-PA	-	72	6.81E-07	1	1433.777	1.65	Malpighian tubule	X:-:17031350-17031315	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_114536	ILVVINPGNPTGQVLSR	AGAP000901-PA	Q13(Deamidated)	139	2.38E-14	1	1777.035	1.1	Malpighian tubule	X:-:17031401-17031351	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_114911	AGVIEKELEEGAK	AGAP000901-PA	-	53	6.59E-05	2	1372.735	2.44	Salivary gland	X:-:17036170-17036473,17035903-17035984	exon=> In CDS Exon 2 and 1 of transcript AGAP000901-PA
JHU_Ag_114918	GYMGECGIR	AGAP000901-PA	M3(Oxidation), C6(Carbamidomethyl),C6(Carbamidomethyl)	44	0.000124 2	2	1058.442	2.49	Head	X:-:17031167-17031141	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_114989	WGLDIAELER	AGAP000901-PA	-	74	5.46E-07	2	1201.621	-0.48	Visceras	X:-:17031467-17031438	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_115392	RHAAEYIQR	AGAP000901-PA	-	43	0.000669 231	3	1143.602	0.03	Midgut	X:-:17031707-17031681	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_115424	ASVLESLR	AGAP000901-PA	-	64	8.57E-06	2	874.499	-0.05	Salivary gland	X:-:17030972-17030949	exon=> In CDS Exon 3 of transcript AGAP000901-PA

JHU_Ag_115649	VMMEMGEPYSK	AGAP000901-PA	M3(Oxidation), M5(Oxidation),M2(Oxidation),"M2(Oxidation), M3(Oxidation), M5(Oxidation)",M5(Oxidation)	52	2.20E-05	1	1317.552	-0.02	Midgut	X:-:17031233-17031201	exon=> In CDS Exon 3 of transcript AGAP000901-PA
JHU_Ag_116103	SMEYAVR	AGAP000901-PA	M2(Oxidation)	38	0.000929723	1	871.398	-0.2	Midgut	X:-:17036209-17036189	exon=> In CDS Exon 1 of transcript AGAP000901-PA
JHU_Ag_117072	QVLGLVSYPPLFNDPSIPTDAKQR	AGAP000901-PA	-	101	4.61E-10	1	2655.422	2.88	Malpighian tubule	X:-:17035905-17035992,17030768-17031786	exon=> In CDS Exon 3 and 2 of transcript AGAP000901-PA
JHU_Ag_1519	MSNADNVTEQGDSAEDQEAR	AGAP000904-PA	M1(Oxidation)	77	5.10E-08	2	2182.883	1.98	Head	X:+:17085404-17085422,17085513-17085553	exon=> In CDS Exon 2 and 3 of transcript AGAP000904-PA
JHU_Ag_8305	TAFAGQNLESHSEHFDGDGSNFVHSK	AGAP000904-PA	-	115	2.83E-11	1	2818.247	0.45	Head	X:+:17079536-17079613	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_11598	SVVYQQQNGGDTASRPATDGVDR	AGAP000904-PA	N8(Deamidated)	83	8.40E-08	1	2421.149	4.13	Head	X:+:17079728-17079796	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_12039	AAPAPADDTATTTK	AGAP000904-PA	-	53	5.99E-05	2	1330.650	1.22	Head	X:+:17084816-17084857	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_17307	VTEDDESLLSVTEK	AGAP000904-PA	-	63	9.47E-06	2	1564.767	5.34	Head	X:+:17082530-17082571	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_17472	QATVDTLEDNWDEAVLK	AGAP000904-PA	-	40	0.00188451	2	1946.946	5.88	Head	X:+:17092881-17092931	exon=> In CDS Exon 4 of transcript AGAP000904-PA
JHU_Ag_24460	HLVEEHAPGDELAQSVGSIASR	AGAP000904-PA	-	84	5.87E-08	1	2302.145	1.21	Head	X:+:17083046-17083111	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_26760	KPTAGKPHPAEEPKPTGR	AGAP000904-PA	-	96	1.71E-09	1	1898.028	1.94	Head	X:+:17081750-17081803	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_30525	SIFSTYDNTVTVQQSR	AGAP000904-PA	-	64	6.67E-06	2	1845.905	4.08	Salivary gland	X:+:17080817-17080864	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_34495	YPDAVQEPDDEAAGGRPAR	AGAP000904-PA	-	80	1.30E-07	1	2013.932	2.88	Head	X:+:17082338-17082394	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_36399	VAVVQQEGVGR	AGAP000904-PA	-	79	1.04E-07	1	1141.635	2.59	Salivary gland	X:+:17080160-17080192	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_37405	MSAQHGSPTR	AGAP000904-PA	M1(Oxidation)	31	0.006370267	2	1087.497	1.53	Head	X:+:17081027-17081056	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_39300	VEQQRPAEPAEAAKPTGSAGGR	AGAP000904-PA	-	75	4.27E-07	1	2207.121	2.05	Pupa	X:+:17083445-17083510	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_39482	GDQSSTVLVEDSVVEGEHGQR	AGAP000904-PA	-	66	3.61E-06	1	2228.043	0.02	Head	X:+:17079614-17079676	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_40359	GTDRPLEFSAEHFSNATATAASSTESR	AGAP000904-PA	-	115	3.15E-11	1	2840.295	-4.74	Visceras	X:+:17079797-17079877	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_41145	AVDRPTAAAASSSELIR	AGAP000904-PA	-	66	3.11E-06	1	1714.910	0.81	Head	X:+:17080193-17080243	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_49534	GTDRPLEFSAEHFSNATATAASSTESR	AGAP000904-PA	-	161	9.06E-16	1	2840.309	0.16	Head	X:+:17079797-17079877	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_51400	KVVSTSSSYHQQQQQTK	AGAP000904-PA	-	66	4.18E-06	1	1963.987	2.12	Salivary gland	X:+:17084651-17084701	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_59358	QLLESTTNYDDR	AGAP000904-PA	-	35	0.004025181	2	1454.678	1.6	Head	X:+:17092932-17092937,17093068-17093097	exon=> In CDS Exon 4 and 5 of transcript AGAP000904-PA
JHU_Ag_60726	EEHVVGEESAPR	AGAP000904-PA	-	50	0.000152003	2	1338.630	0.79	Head	X:+:17083391-17083426	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_64570	MVATNAPAVSSAGSK	AGAP000904-PA	-	67	3.78E-06	1	1390.701	0.92	Head	X:+:17083979-17084023	exon=> In CDS Exon 2 of transcript AGAP000904-PA

JHU_Ag_66593	ADDRPIWATSNILK	AGAP000904-PA	-	60	1.03E-05	1	1599.851	1.04	Salivary gland	X:+:17084531-17084572	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_69562	SIFSTYDNTVTVQQSR	AGAP000904-PA	-	66	4.50E-06	2	1845.905	4.02	Head	X:+:17080817-17080864	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_70458	AAQPAQQKPNHITVAK	AGAP000904-PA	-	33	0.003585163	1	1701.938	-1.19	Visceras	X:+:17081681-17081728	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_73472	NISVAEITILPVLEVSHEAVR	AGAP000904-PA	-	71	2.27E-07	1	2289.283	0.73	Salivary gland	X:+:17081402-17081464	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_76574	TSGPFVPGTDDGPVK	AGAP000904-PA	-	37	0.003296319	1	1473.728	3.98	Head	X:+:17082776-17082820	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_77120	FAARPEYDDLDDHLK	AGAP000904-PA	-	52	9.25E-05	1	1804.848	-0.94	Head	X:+:17082653-17082697	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_89020	VTEDDESLLSVTEK	AGAP000904-PA	-	66	4.57E-06	2	1564.764	3.23	Salivary gland	X:+:17082530-17082571	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_89341	VQPARPEPDTKPDYMR	AGAP000904-PA	M15(Oxidation)	39	0.002043057	1	1915.930	-1.51	Head	X:+:17080439-17080486	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_96460	IIVEVDAAHDSFAR	AGAP000904-PA	-	81	1.03E-07	1	1542.793	1.12	Salivary gland	X:+:17080307-17080348	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_109029	AAQPAQQKPNHITVAK	AGAP000904-PA	-	43	0.000358252	1	1701.936	-2.34	Head	X:+:17081681-17081728	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_109713	HLVEEHAPGDELAQSVGSIASR	AGAP000904-PA	-	45	0.00046686	1	2302.147	2.17	Salivary gland	X:+:17083046-17083111	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_113560	DDAEEDESDQQQR	AGAP000904-PA	-	98	1.19E-10	1	1564.602	1.61	Head	X:+:17082908-17082946	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_117570	APAGGAPAASPITLR	AGAP000904-PA	-	87	8.11E-09	1	1349.757	2.57	Salivary gland	X:+:17083148-17083192	exon=> In CDS Exon 2 of transcript AGAP000904-PA
JHU_Ag_12843	AGIAPLLDVDDMVAMR	AGAP000906-PA	M12(Oxidation), M15(Oxidation)	82	1.04E-07	1	1718.847	0.76	Male reproductive organs	X:+:17105786-17105833	exon=> In CDS Exon 6 of transcript AGAP000906-PA
JHU_Ag_66988	TVASSAPKPMSPFAK	AGAP000906-PA	M10(Oxidation)	47	0.000311293	1	1534.794	0.65	Male reproductive organs	X:+:17101917-17101961	exon=> In CDS Exon 3 of transcript AGAP000906-PA
JHU_Ag_69117	MESQDGSAAVTTR	AGAP000906-PA	M1(Oxidation)	53	4.71E-05	2	1368.597	-6.37	Head	X:+:17101793-17101831	exon=> In CDS Exon 2 of transcript AGAP000906-PA
JHU_Ag_9515	AAIAPEIVLFEER	AGAP000907-PA	-	104	4.50E-10	1	1457.801	1.03	Malpighian tubule	X:+:17123459-17123497	exon=> In CDS Exon 1 of transcript AGAP000907-PA
JHU_Ag_11072	GVTYTHTFCIANLPSLWR	AGAP000907-PA	C9(Carbamidomethyl)	36	0.003565534	1	2136.080	4.88	Malpighian tubule	X:+:17123732-17123785	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_67690	TGDIGYFDRDGHLYVIDR	AGAP000907-PA	-	54	6.37E-05	1	2112.019	2.02	Malpighian tubule	X:+:17124359-17124412	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_73115	LFLCGGAR	AGAP000907-PA	C4(Carbamidomethyl)	46	0.000323276	2	893.468	1.84	Malpighian tubule	X:+:17124029-17124052	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_73348	LAQLGYGK	AGAP000907-PA	-	36	0.002449089	1	849.483	-0.16	Malpighian tubule	X:+:17123228-17123251	exon=> In CDS Exon 1 of transcript AGAP000907-PA
JHU_Ag_81641	DGHLYVIDR	AGAP000907-PA	-	47	0.00025592	1	1087.552	-1.32	Malpighian tubule	X:+:17124386-17124412	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_84783	YAGNQISPTELEVLAK	AGAP000907-PA	-	84	5.56E-08	1	1732.913	0.64	Malpighian tubule	X:+:17124431-17124478	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_98904	HPVTIAFFSPFQSNLLVHEPLLAQTPLPALR	AGAP000907-PA	-	67	2.27E-07	1	3453.908	1.06	Malpighian tubule	X:+:17123936-17124028	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_101102	EPGATGAALTADQVR	AGAP000907-PA	-	81	1.02E-07	1	1456.742	1.96	Malpighian tubule	X:+:17124560-17124604	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_102511	AAIAPEIVLFEER	AGAP000907-PA	-	48	0.000207693	1	1457.803	2.28	Head	X:+:17123459-17123497	exon=> In CDS Exon 1 of transcript AGAP000907-PA
JHU_Ag_103634	APFTPTLALDMLQR	AGAP000907-PA	M11(Oxidation)	110	1.20E-10	1	1573.844	2.08	Malpighian tubule	X:+:17123894-17123935	exon=> In CDS Exon 2 of transcript AGAP000907-PA
JHU_Ag_116028	GGVYFTEEMPLTPSGK	AGAP000907-PA	M9(Oxidation)	64	6.63E-06	1	1728.823	4.87	Malpighian tubule	X:+:17124647-17124694	exon=> In CDS Exon 2 of transcript AGAP000907-PA

JHU_Ag_45502	ESVASEEVDELPAELLHAGVNLR	AGAP000908-PA	-	40	0.001237252	1	2477.268	6.37	Head	X:-:17133373-17133305	exon=> In CDS Exon 2 of transcript AGAP000908-PA
JHU_Ag_78279	TTPIPIKESVASEEVDELPAELLHAGVNLR	AGAP000908-PA	-	28	0.005689421	1	3227.738	6.87	Ovary	X:-:17133394-17133305	exon=> In CDS Exon 2 of transcript AGAP000908-PA
JHU_Ag_7988	AIVQMDLISEK	AGAP000909-PA	M5(Oxidation)	63	6.72E-06	1	1262.673	5.07	Larva	X:+:17146886-17146918	exon=> In CDS Exon 5 of transcript AGAP000909-PA
JHU_Ag_9081	YTLLRDEL	AGAP000909-PA	-	41	0.000594956	1	1022.554	1.75	Malpighian tubule	X:+:17147438-17147461	exon=> In CDS Exon 7 of transcript AGAP000909-PA
JHU_Ag_9717	DTAADSNAIEDSK	AGAP000909-PA	-	85	2.59E-08	1	1336.588	1.27	Head	X:+:17147342-17147380	exon=> In CDS Exon 7 of transcript AGAP000909-PA
JHU_Ag_11109	LKQFLNDLYSGK	AGAP000909-PA	-	84	3.43E-08	1	1425.774	-0.06	Midgut	X:+:17147152-17147187	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_15905	AIVQMDLISEK	AGAP000909-PA	M5(Oxidation)	80	1.35E-07	1	1262.666	-0.25	Midgut	X:+:17146886-17146918	exon=> In CDS Exon 5 of transcript AGAP000909-PA
JHU_Ag_16141	YTLLRDEL	AGAP000909-PA	-	40	0.000997065	1	1022.553	0.8	Ovary	X:+:17147438-17147461	exon=> In CDS Exon 7 of transcript AGAP000909-PA
JHU_Ag_21700	AIVQMDLISEK	AGAP000909-PA	-	55	4.39E-05	2	1246.674	2.03	Pupa	X:+:17146886-17146918	exon=> In CDS Exon 5 of transcript AGAP000909-PA
JHU_Ag_21916	TVEAFTEFIKK	AGAP000909-PA	-	44	0.000377948	1	1312.719	3.24	Ovary	X:+:17146155-17146187	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_25537	VDCDRESSVASR	AGAP000909-PA	C3(Carbamidomethyl)	43	0.000441997	1	1380.618	0.23	Malpighian tubule	X:+:17146041-17146076	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_26001	DTAADSNAIEDSK	AGAP000909-PA	-	91	6.52E-09	1	1336.586	-0.19	Midgut	X:+:17147342-17147380	exon=> In CDS Exon 7 of transcript AGAP000909-PA
JHU_Ag_26699	YTLLRDEL	AGAP000909-PA	-	43	0.000520149	1	1022.550	-1.83	Salivary gland	X:+:17147438-17147461	exon=> In CDS Exon 7 of transcript AGAP000909-PA
JHU_Ag_28295	TVEAFTEFIKK	AGAP000909-PA	-	64	4.01E-06	1	1312.716	0.91	Salivary gland	X:+:17146155-17146187	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_29022	AIVQMDLISEK	AGAP000909-PA	M5(Oxidation)	79	1.79E-07	1	1246.672	0.76	Salivary gland	X:+:17146886-17146918	exon=> In CDS Exon 5 of transcript AGAP000909-PA
JHU_Ag_31372	QNVNFLTADGKR	AGAP000909-PA	-	39	0.00179112	2	1362.712	-0.49	Midgut	X:+:17146919-17146919,17146997-17147031	exon=> In CDS Exon 5 and 6 of transcript AGAP000909-PA
JHU_Ag_32210	TQADLPLIAIDSFR	AGAP000909-PA	-	116	3.11E-11	1	1559.844	0.91	Pupa	X:+:17147062-17147103	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_34431	FSNILQPIFDEAAEK	AGAP000909-PA	-	49	0.000184917	2	1721.882	4.61	Head	X:+:17144761-17144805	exon=> In CDS Exon 3 of transcript AGAP000909-PA
JHU_Ag_34923	HMYLFPNFK	AGAP000909-PA	M2(Oxidation)	48	0.000169898	1	1212.586	-0.79	Midgut	X:+:17147104-17147130	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_38663	HMYLFPNFK	AGAP000909-PA	M2(Oxidation)	52	6.43E-05	1	1212.587	0.12	Head	X:+:17147104-17147130	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_39001	TVEAFTEFIKK	AGAP000909-PA	-	69	1.14E-06	1	1312.718	2.21	Malpighian tubule	X:+:17146155-17146187	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_41156	FAHPLHHLGK	AGAP000909-PA	-	39	0.001123192	1	1156.637	-0.3	Midgut	X:+:17147032-17147061	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_42124	TVEAFTEFIKK	AGAP000909-PA	-	38	0.00162844	1	1312.714	-0.52	Pupa	X:+:17146155-17146187	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_43827	TQADLPLIAIDSFR	AGAP000909-PA	-	89	1.33E-08	2	1559.846	2.24	Head	X:+:17147062-17147103	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_46615	IVVGYFDRR	AGAP000909-PA	-	29	0.010277078	1	1124.621	-0.18	Midgut	X:+:17146257-17146283	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_51658	FSNILQPIFDEAAEK	AGAP000909-PA	-	51	0.000131883	1	1721.874	-0.21	Ovary	X:+:17144761-17144805	exon=> In CDS Exon 3 of transcript AGAP000909-PA
JHU_Ag_52072	EFQNIKDLEQLDSK	AGAP000909-PA	-	83	7.69E-08	2	1706.855	-2.55	Midgut	X:+:17146209-17146250	exon=> In CDS Exon 4 of transcript AGAP000909-PA

JHU_Ag_54954	QNVNFLTADGK	AGAP000909-PA	-	54	6.49E-05	2	1206.618	5.56	Salivary gland	X:+:17146919-17146919,17146997-17147028	exon=> In CDS Exon 5 and 6 of transcript AGAP000909-PA
JHU_Ag_61199	FSNILQPIFDEAAEK	AGAP000909-PA	-	88	2.36E-08	2	1721.875	0.21	Midgut	X:+:17144761-17144805	exon=> In CDS Exon 3 of transcript AGAP000909-PA
JHU_Ag_61381	FSNILQPIFDEAAEK	AGAP000909-PA	-	114	7.16E-11	1	1721.878	1.98	Salivary gland	X:+:17144761-17144805	exon=> In CDS Exon 3 of transcript AGAP000909-PA
JHU_Ag_68449	TVEAFTEFIK	AGAP000909-PA	-	37	0.001849283	2	1184.621	0.81	Midgut	X:+:17146155-17146184	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_70194	HMYLFPNFK	AGAP000909-PA	M2(Oxidation)	48	0.000208051	1	1196.590	-1.58	Salivary gland	X:+:17147104-17147130	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_76213	TQADLPLIAIDSFR	AGAP000909-PA	-	116	2.15E-11	1	1559.852	5.69	Salivary gland	X:+:17147062-17147103	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_76903	IVVGYFDR	AGAP000909-PA	-	46	0.000231248	2	968.520	0.04	Midgut	X:+:17146257-17146280	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_80198	FAHPLHHLGK	AGAP000909-PA	-	35	0.002860579	1	1156.637	-0.71	Malpighian tubule	X:+:17147032-17147061	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_80692	IVVGYFDRR	AGAP000909-PA	-	32	0.005056729	1	1124.621	-0.12	Malpighian tubule	X:+:17146257-17146283	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_85830	VQAAFPDPGK	AGAP000909-PA	-	41	0.001015338	1	1029.536	-0.01	Salivary gland	X:+:17145996-17146025	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_88642	TQADLPLIAIDSFR	AGAP000909-PA	-	93	5.61E-09	2	1559.841	-1.04	Midgut	X:+:17147062-17147103	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_89046	TVEAFTEFIK	AGAP000909-PA	-	42	0.000585372	2	1184.623	2.35	Salivary gland	X:+:17146155-17146184	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_90474	VQAAFPDPGK	AGAP000909-PA	-	40	0.001158743	2	1029.537	0.47	Midgut	X:+:17145996-17146025	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_90712	TQADLPLIAIDSFR	AGAP000909-PA	Q2(Deamidated)	86	2.97E-08	1	1559.848	3.1	Ovary	X:+:17147062-17147103	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_94111	TQADLPLIAIDSFR	AGAP000909-PA	-	93	5.37E-09	1	1559.847	2.56	Malpighian tubule	X:+:17147062-17147103	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_94152	IVVGYFDR	AGAP000909-PA	-	55	2.55E-05	1	968.524	4.51	Salivary gland	X:+:17146257-17146280	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_97103	FSNILQPIFDEAAEK	AGAP000909-PA	-	45	0.000504862	1	1721.878	2.05	Malpighian tubule	X:+:17144761-17144805	exon=> In CDS Exon 3 of transcript AGAP000909-PA
JHU_Ag_98438	FAHPLHHLGK	AGAP000909-PA	-	36	0.001992755	1	1156.637	-0.38	Pupa	X:+:17147032-17147061	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_102580	FAHPLHHLGK	AGAP000909-PA	-	45	0.000292078	2	1156.638	0.45	Head	X:+:17147032-17147061	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_102734	LKQFLNDLYSGK	AGAP000909-PA	-	48	9.27E-05	2	1425.780	4.56	Salivary gland	X:+:17147152-17147187	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_105807	EFQNIKDLEQLDSK	AGAP000909-PA	-	59	1.75E-05	1	1706.868	5.03	Salivary gland	X:+:17146209-17146250	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_108365	RIVVGYFDR	AGAP000909-PA	-	45	0.000270452	2	1124.622	0.53	Head	X:+:17146254-17146280	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_112485	FHITKYPTLK	AGAP000909-PA	-	59	7.57E-06	1	1247.714	-0.3	Malpighian tubule	X:+:17146077-17146106	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_115146	TQADLPLIAIDSFR	AGAP000909-PA	-	116	2.87E-11	1	1559.845	1.38	Male reproductive organs	X:+:17147062-17147103	exon=> In CDS Exon 6 of transcript AGAP000909-PA
JHU_Ag_115369	TVEAFTEFIKK	AGAP000909-PA	-	38	0.001468154	2	1312.715	0.17	Midgut	X:+:17146155-17146187	exon=> In CDS Exon 4 of transcript AGAP000909-PA
JHU_Ag_8197	IAETDADEEEEEEELK	AGAP000911-PA	-	126	9.85E-13	1	2007.840	-0.26	Head	X:+:17156312-17156362	exon=> In CDS Exon 2 of transcript AGAP000911-PA
JHU_Ag_40601	IAETDADEEEEEEELK	AGAP000911-PA	-	95	1.38E-09	2	2007.843	1.2	Midgut	X:+:17156312-17156362	exon=> In CDS Exon 2 of transcript AGAP000911-PA

JHU_Ag_6685	SHEYAANFEDFLR	AGAP000912-PA	-	47	0.000176898	1	1598.719	-2.84	Head	X:+:17166969-17167007	exon=> In CDS Exon 4 of transcript AGAP000912-PA
JHU_Ag_6402	ELFEDIGDLLESR	AGAP000924-PA	-	72	1.14E-06	2	1535.762	1.81	Head	X:+:17416739-17416777	exon=> In CDS Exon 2 of transcript AGAP000924-PA
JHU_Ag_12235	LVRPGIAEVIYR	AGAP000924-PA	-	33	0.001099426	1	1385.829	1.71	Malpighian tubule	X:+:17416778-17416813	exon=> In CDS Exon 2 of transcript AGAP000924-PA
JHU_Ag_13870	GATKPRPVR	AGAP000924-PA	-	25	0.008732151	1	981.597	1.6	Ovary	X:+:17412661-17412687	exon=> In CDS Exon 1 of transcript AGAP000924-PA
JHU_Ag_21491	LVRPGIAEVIYR	AGAP000924-PA	-	41	0.0002223	1	1385.827	0.74	Head	X:+:17416778-17416813	exon=> In CDS Exon 2 of transcript AGAP000924-PA
JHU_Ag_23942	NIGGYGPAEHLQVQLHNR	AGAP000924-PA	-	39	0.00191104	1	2003.023	1.23	Ovary	X:+:17412892-17412945	exon=> In CDS Exon 1 of transcript AGAP000924-PA
JHU_Ag_63056	SLGSGGGGGGLLNASR	AGAP000924-PA	-	99	1.81E-09	2	1359.697	-0.48	Head	X:+:17413156-17413203	exon=> In CDS Exon 1 of transcript AGAP000924-PA
JHU_Ag_87691	IVVSNLHPSVTQLDIK	AGAP000924-PA	-	59	3.06E-06	2	1763.012	3.28	Ovary	X:+:17413717-17413764	exon=> In CDS Exon 1 of transcript AGAP000924-PA
JHU_Ag_103291	LVRPGIAEVIYR	AGAP000924-PA	-	58	4.14E-06	1	1385.826	-0.54	Ovary	X:+:17416778-17416813	exon=> In CDS Exon 2 of transcript AGAP000924-PA
JHU_Ag_113412	ELFEDIGDLLESR	AGAP000924-PA	-	38	0.002505456	2	1535.755	-2.56	Ovary	X:+:17416739-17416777	exon=> In CDS Exon 2 of transcript AGAP000924-PA
JHU_Ag_34081	VYAILQQEGIEIPR	AGAP000926-PA,AGAP000926-PB	-	64	2.76E-06	2	1628.907	4.11	Malpighian tubule	X:-:17469523-17469482;X:-:17469523-17469482	exon=> In CDS Exon 3 of transcript AGAP000926-PA;exon=> In CDS Exon 3 of transcript AGAP000926-PB
JHU_Ag_66172	LAQSSITSSAAAAAPPPPPIPHTPGALVIR	AGAP000926-PB	-	59	2.33E-06	3	2888.609	3.27	Head	X:-:17445863-17445774	exon=> In CDS Exon 13 of transcript AGAP000926-PB
JHU_Ag_6071	DDLHDMLASLGK	AGAP000927-PA,AGAP000927-PB	M6(Oxidation)	75	3.54E-07	1	1330.631	0.25	Midgut	X:-:17496591-17496556;X:-:17496591-17496556	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_12391	NSLFDYIEFTR	AGAP000927-PA,AGAP000927-PB	-	83	8.89E-08	2	1404.681	0.98	Midgut	X:-:17496297-17496265;X:-:17496297-17496265	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_20125	NAFGCFDEENTGVINEDR	AGAP000927-PA,AGAP000927-PB	C5(Carbamidomethyl)	140	4.30E-14	1	2086.876	-0.55	Malpighian tubule	X:-:17496432-17496379;X:-:17496432-17496379	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_22997	NAFGCFDEENTGVINEDR	AGAP000927-PA,AGAP000927-PB	C5(Carbamidomethyl)	149	5.69E-15	1	2086.879	0.74	Salivary gland	X:-:17496432-17496379;X:-:17496432-17496379	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_37395	ATSNVFAMFDQAQIAEFK	AGAP000927-PA,AGAP000927-PB	N4(Deamidated),M8(Oxidation),M8(Oxidation)	144	5.64E-14	1	2033.966	1.01	Salivary gland	X:-:17496693-17496640;X:-:17496693-17496640	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_37739	DGFIEKDDLHDMLASLGK	AGAP000927-PA,AGAP000927-PB	M12(Oxidation)	50	0.000175	1	2019.970	0.29	Ovary	X:-:17496609-17496556;X:-:17496609-17496556	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_39235	EAFNMIDQNR	AGAP000927-PA,AGAP000927-PB	-	59	1.43E-05	2	1237.563	-0.32	Midgut	X:-:17496639-17496610;X:-:17496639-17496610	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB

JHU_Ag_41943	DDLHDMLASLGK	AGAP000927-PA,AGAP000927-PB	M6(Oxidation)	51	8.72E-05	2	1330.632	0.62	Head	X:-:17496591-17496556;X:-:17496591-17496556	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_43653	NSLFDYIEFTR	AGAP000927-PA,AGAP000927-PB	-	79	2.09E-07	1	1404.683	2.55	Ovary	X:-:17496297-17496265;X:-:17496297-17496265	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_49224	EAPIKNSLFDYIEFTR	AGAP000927-PA,AGAP000927-PB	-	95	5.07E-09	1	1942.992	0.52	Malpighian tubule	X:-:17496312-17496265;X:-:17496312-17496265	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_51875	NAFGCFDEENTGVINEDRLR	AGAP000927-PA,AGAP000927-PB	C5(Carbamidomethyl)	39	0.001328699	1	2356.075	5.2	Salivary gland	X:-:17496432-17496373;X:-:17496432-17496373	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_53781	NPTEEYLEGMMNEAPGPINFTMFLTLFGER	AGAP000927-PA,AGAP000927-PB	M10(Oxidation), M11(Oxidation), M22(Oxidation)	72	6.13E-07	1	3496.577	0.61	Ovary	X:-:17496555-17496466;X:-:17496555-17496466	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_54924	NAFGCFDEENTGVINEDR	AGAP000927-PA,AGAP000927-PB	C5(Carbamidomethyl)	100	4.49E-10	1	2086.874	-1.6	Head	X:-:17496432-17496379;X:-:17496432-17496379	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_60230	LQGTDPEEVIK	AGAP000927-PA,AGAP000927-PB	-	55	3.60E-05	2	1228.643	0.49	Salivary gland	X:-:17496465-17496433;X:-:17496465-17496433	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_63149	DGFIEKDDLHDMLASLGK	AGAP000927-PA,AGAP000927-PB	-	99	1.96E-09	1	2003.973	-0.84	Midgut	X:-:17496609-17496556;X:-:17496609-17496556	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_65505	NSLFDYIEFTR	AGAP000927-PA,AGAP000927-PB	-	75	5.84E-07	1	1404.679	-0.06	Salivary gland	X:-:17496297-17496265;X:-:17496297-17496265	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_80166	FTDEDVDEMFR	AGAP000927-PA,AGAP000927-PB	M9(Oxidation)	81	1.60E-08	1	1419.575	1.41	Salivary gland	X:-:17496345-17496313;X:-:17496345-17496313	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_83356	LQGTDPEEVIK	AGAP000927-PA,AGAP000927-PB	-	36	0.002413926	1	1228.643	0.89	Ovary	X:-:17496465-17496433;X:-:17496465-17496433	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_84098	FTDEDVDEMFR	AGAP000927-PA,AGAP000927-PB	M9(Oxidation)	71	1.61E-07	2	1419.571	-1.86	Midgut	X:-:17496345-17496313;X:-:17496345-17496313	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_84351	FTDEDVDEMFR	AGAP000927-PA,AGAP000927-PB	M9(Oxidation)	72	1.49E-07	2	1419.577	2.53	Head	X:-:17496345-17496313;X:-:17496345-17496313	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_89127	NSLFDYIEFTR	AGAP000927-PA,AGAP000927-PB	-	83	9.37E-08	2	1404.683	2.64	Head	X:-:17496297-17496265;X:-:17496297-17496265	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB

JHU_Ag_96508	NAFGCFDEENTGVINEDR	AGAP000927-PA,AGAP000927-PB	C5(Carbamidomethyl)	100	4.84E-10	1	2086.877	0.03	Midgut	X:-:17496432-17496379;X:-:17496432-17496379	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_97880	NAFGCFDEENTGVINEDR	AGAP000927-PA,AGAP000927-PB	C5(Carbamidomethyl)	112	3.11E-11	1	2086.880	1.32	Visceras	X:-:17496432-17496379;X:-:17496432-17496379	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_100037	NSLFDYIEFTR	AGAP000927-PA,AGAP000927-PB	-	83	8.86E-08	2	1404.679	-0.41	Visceras	X:-:17496297-17496265;X:-:17496297-17496265	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_102736	NSLFDYIEFTR	AGAP000927-PA,AGAP000927-PB	-	73	8.95E-07	2	1404.687	5.07	Malpighian tubule	X:-:17496297-17496265;X:-:17496297-17496265	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_104332	DGFIEKDDLHDMLASLGK	AGAP000927-PA,AGAP000927-PB	M12(Oxidation)	104	6.96E-10	1	2019.970	0.56	Salivary gland	X:-:17496609-17496556;X:-:17496609-17496556	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_106151	LQGTDPEEVIK	AGAP000927-PA,AGAP000927-PB	-	35	0.003186555	2	1228.645	2.38	Malpighian tubule	X:-:17496465-17496433;X:-:17496465-17496433	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_115289	LQGTDPEEVIK	AGAP000927-PA,AGAP000927-PB	-	63	5.04E-06	2	1228.639	-2.69	Midgut	X:-:17496465-17496433;X:-:17496465-17496433	exon=> In CDS Exon 1 of transcript AGAP000927-PA;exon=> In CDS Exon 1 of transcript AGAP000927-PB
JHU_Ag_82485	LIDTLR	AGAP000928-PA,AGAP005535-PA,AGAP000928-PB	-	32	0.007183723	1	730.446	0.06	Head	X:+:17502047-17502064;2L:-:16694075-16694058;X:+:17502047-17502064	exon=> In CDS Exon 1 of transcript AGAP000928-PA;exon=> In CDS Exon 1 of transcript AGAP005535-PA;exon=> In CDS Exon 1 of transcript AGAP000928-PB
JHU_Ag_86281	LIDTLR	AGAP000928-PA,AGAP005535-PA,AGAP000928-PB	-	38	0.002179078	2	730.446	0.73	Pupa	X:+:17502047-17502064;2L:-:16694075-16694058;X:+:17502047-17502064	exon=> In CDS Exon 1 of transcript AGAP000928-PA;exon=> In CDS Exon 1 of transcript AGAP005535-PA;exon=> In CDS Exon 1 of transcript AGAP000928-PB
JHU_Ag_74018	ISMKPDGMDTLSSIQPTVTTTPSK	AGAP000930-PA	M3(Oxidation), M8(Oxidation)	46	0.000368373	3	2567.277	7.35	Head	X:-:17575941-17576392,17575730-17575805	exon=> In CDS Exon 9 and 8 of transcript AGAP000930-PA
JHU_Ag_101016	ESAALPGPTVGDSSAPAEK	AGAP000930-PA	-	67	3.28E-06	2	1783.872	0.45	Head	X:-:17581211-17581155	exon=> In CDS Exon 4 of transcript AGAP000930-PA
JHU_Ag_3849	TAVPPGHDPVGPTVAADTATSDAVDDAASSK	AGAP000931-PA	-	51	9.65E-05	3	2920.378	-0.96	Malpighian tubule	X:-:17592795-17592703	exon=> In CDS Exon 1 of transcript AGAP000931-PA
JHU_Ag_16632	TAVPPGHDPVGPTVAADTATSDAVDDAASSK	AGAP000931-PA	-	50	0.000151259	3	2920.383	0.86	Head	X:-:17592795-17592703	exon=> In CDS Exon 1 of transcript AGAP000931-PA
JHU_Ag_35286	DVILK	AGAP000932-PA,AGAP007852-PB	-	39	0.000844096	1	587.377	1.6	Salivary gland	X:-:17613381-17613367;3R:-:2124652-2124638	exon=> In CDS Exon 3 of transcript AGAP000932-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_421	DTGLWGIYFVCDPLK	AGAP000935-PA	C11(Carbamidomethyl)	79	1.97E-07	1	1783.899	14.67	Malpighian tubule	X:+:17670653-17670697	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_518	AALVNVPPTEVTTLDSGLR	AGAP000935-PA	-	87	1.30E-08	1	1953.069	1.75	Malpighian tubule	X:+:17669726-17669782	exon=> In CDS Exon 2 of transcript AGAP000935-PA

JHU_Ag_2500	RIPLHELEQR	AGAP000935-PA	Q9(Deamidated)	72	6.11E-07	1	1290.725	-2.49	Head	X:+:17670872-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_2623	DTGLWGIYFVCDPLK	AGAP000935-PA	C11(Carbamidomethyl)	127	2.79E-12	1	1783.878	3.03	Visceras	X:+:17670653-17670697	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_3567	CPAVAAVGPVENLPDYVR	AGAP000935-PA	C1(Carbamidomethyl)	113	8.22E-11	1	1926.976	0.75	Visceras	X:+:17671082-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_3969	CPAVAAVGPVENLPDYVR	AGAP000935-PA	C1(Carbamidomethyl)	58	2.37E-05	1	1926.974	-0.01	Pupa	X:+:17671082-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_4867	AVEILSDIIQHSK	AGAP000935-PA	-	95	2.00E-09	1	1452.809	2.09	Pupa	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_5270	AALVNVPPTEVTTLDSGLR	AGAP000935-PA	-	45	0.000193344	1	1953.071	3.13	Ovary	X:+:17669726-17669782	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_7993	IVLAAAGGVR	AGAP000935-PA	-	66	6.39E-07	2	926.576	-2.25	Head	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_8283	SDLQQYIDAHYK	AGAP000935-PA	-	64	5.36E-06	1	1480.707	-0.07	Male reproductive organs	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_8394	IDSVTAQNVR	AGAP000935-PA	-	95	6.07E-09	2	1102.584	-0.8	Visceras	X:+:17670902-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA
JHU_Ag_8672	LGEAEIER	AGAP000935-PA	-	76	5.50E-07	2	916.473	-0.53	Head	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_9372	YENDSNNGVAHFLEHMAFK	AGAP000935-PA	M16(Oxidation),N7(Deamidated)	99	1.13E-09	1	2222.996	1.81	Malpighian tubule	X:+:17669849-17669905	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_10972	AVEILSDIIQHSK	AGAP000935-PA	-	62	4.32E-06	2	1452.811	3.68	Ovary	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_12065	DTGLWGIYFVCDPLK	AGAP000935-PA	C11(Carbamidomethyl)	78	2.28E-07	2	1783.872	-0.05	Midgut	X:+:17670653-17670697	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_14416	TNMLLQLDGTTPICEDIGRQMLCYNR	AGAP000935-PA	C14(Carbamidomethyl), M21(Oxidation), C23(Carbamidomethyl)	94	4.94E-09	1	3128.473	2.98	Malpighian tubule	X:+:17670794-17670871	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_14468	IDSVTAQNVR	AGAP000935-PA	-	82	1.17E-07	2	1102.586	0.86	Malpighian tubule	X:+:17670902-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA
JHU_Ag_16048	LGEAEIER	AGAP000935-PA	-	48	0.000309755	2	916.471	-2.46	Male reproductive organs	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_16346	TNMLLQLDGTTPICEDIGR	AGAP000935-PA	C14(Carbamidomethyl),"M3(Oxidation), C14(Carbamidomethyl)"	123	7.89E-12	1	2147.043	-1.96	Midgut	X:+:17670794-17670850	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_20162	AVEILSDIIQHSK	AGAP000935-PA	-	88	8.74E-09	2	1452.807	0.74	Visceras	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_21185	SDLQQYIDAHYK	AGAP000935-PA	Q5(Deamidated)	88	1.94E-08	1	1480.705	-1.32	Head	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_21286	AVEILSDIIQHSK	AGAP000935-PA	-	44	0.000234898	2	1452.811	3.77	Larva	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_21657	IVLAAAGGVR	AGAP000935-PA	-	51	2.20E-05	2	926.578	-0.4	Male reproductive organs	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_22647	RIPLHELEQR	AGAP000935-PA	-	62	5.10E-06	1	1290.728	0.16	Visceras	X:+:17670872-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_22727	IVLAAAGGVR	AGAP000935-PA	-	67	5.50E-07	2	926.579	0.72	Malpighian tubule	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_23209	AALVNVPPTEVTTLDSGLR	AGAP000935-PA	-	67	1.35E-06	1	1953.066	0.38	Male reproductive organs	X:+:17669726-17669782	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_23328	SDLQQYIDAHYK	AGAP000935-PA	-	91	1.25E-08	1	1480.707	0.25	Visceras	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA

JHU_Ag_23384	RIPLHELEQR	AGAP000935-PA	-	51	5.65E-05	1	1290.733	3.94	Malpighian tubule	X:+:17670872-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_23648	SDLQQYIDAHYK	AGAP000935-PA	-	69	1.60E-06	1	1480.709	1.32	Salivary gland	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_24086	LAMASATDGLCHSFQSFNTCYK	AGAP000935-PA	C11(Carbamidomethyl), C20(Carbamidomethyl)," M3(Oxidation), C11(Carbamidomethyl), C20(Carbamidomethyl)"	161	5.19E-16	1	2525.096	2.43	Head	X:+:17670587-17670652	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_24199	LAEQALGKVSSSVDGK	AGAP000935-PA	-	127	2.47E-12	1	1588.858	2.54	Malpighian tubule	X:+:17670341-17670388	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_25301	RIPLHELEQR	AGAP000935-PA	-	36	0.001846316	1	1290.730	1.54	Ovary	X:+:17670872-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_25419	AVEILSDIIQHSKLGEAEIER	AGAP000935-PA	-	141	3.30E-14	1	2350.276	6.16	Malpighian tubule	X:+:17670035-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_27047	LAMASATDGLCHSFQSFNTCYK	AGAP000935-PA	C11(Carbamidomethyl), C20(Carbamidomethyl)," M3(Oxidation), C11(Carbamidomethyl), C20(Carbamidomethyl)"	96	1.78E-09	1	2509.100	2.34	Malpighian tubule	X:+:17670587-17670652	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_28029	SQTDLELEVENMGAHLNAYTSR	AGAP000935-PA	M12(Oxidation)	78	2.24E-07	1	2494.153	0.65	Midgut	X:+:17669921-17669986	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_28215	CPAVAAVGPVENLPDYVR	AGAP000935-PA	C1(Carbamidomethyl)	125	4.73E-12	1	1926.978	1.77	Head	X:+:17671082-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_31882	CEDMLFNVQNEWMR	AGAP000935-PA	C1(Carbamidomethyl)	63	2.39E-06	2	1871.797	5	Head	X:+:17670698-17670739	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_33184	IPLHELEQR	AGAP000935-PA	-	58	1.73E-05	1	1134.626	-0.97	Head	X:+:17670875-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_33854	RSQTDLELEVENMGAHLNAYTSR	AGAP000935-PA	M13(Oxidation)	161	1.20E-15	1	2634.267	3.62	Malpighian tubule	X:+:17669918-17669986	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_35152	TNMLLQLDGTTPICEDIGR	AGAP000935-PA	M3(Oxidation), C14(Carbamidomethyl)	89	2.29E-08	2	2163.039	-1.29	Salivary gland	X:+:17670794-17670850	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_35916	IDSVTAQNVR	AGAP000935-PA	-	56	3.86E-05	2	1102.582	-2.8	Salivary gland	X:+:17670902-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA
JHU_Ag_36634	IVLAAAGGVR	AGAP000935-PA	-	40	0.00025256	2	926.577	-1.33	Salivary gland	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_37139	SQTDLELEVENMGAHLNAYTSR	AGAP000935-PA	M12(Oxidation)	41	0.001313048	1	2494.161	3.95	Ovary	X:+:17669921-17669986	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_37328	TNMLLQLDGTTPICEDIGR	AGAP000935-PA	M3(Oxidation), C14(Carbamidomethyl)	80	1.73E-07	1	2163.048	2.66	Ovary	X:+:17670794-17670850	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_38964	SDLQQYIDAHYK	AGAP000935-PA	-	76	3.44E-07	1	1480.712	3.38	Ovary	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_39738	LGEAEIER	AGAP000935-PA	-	51	0.000178692	2	916.473	-0.39	Salivary gland	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_40237	YENDSNNGVAHFLEHMAFK	AGAP000935-PA	N7(Deamidated),N6(Deamidated)	105	3.27E-10	1	2222.992	-0.21	Visceras	X:+:17669849-17669905	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_41164	IPLHELEQR	AGAP000935-PA	-	51	8.34E-05	1	1134.626	-0.75	Midgut	X:+:17670875-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA

JHU_Ag_43133	LGEAEIER	AGAP000935-PA	-	71	1.46E-06	2	916.474	0.27	Malpighian tubule	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_43974	IPLHELEQRIDSVTAQNVR	AGAP000935-PA	-	64	2.68E-06	1	2218.199	2.09	Malpighian tubule	X:+:17670875-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA
JHU_Ag_45176	LCTMVTEGEVER	AGAP000935-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	88	1.52E-08	1	1439.647	-2.55	Midgut	X:+:17670740-17670775	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_45511	SDLQQYIDAHYKAPR	AGAP000935-PA	-	87	3.15E-08	1	1804.905	4.08	Malpighian tubule	X:+:17670248-17670292	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_46013	IDSVTAQNVR	AGAP000935-PA	-	73	9.43E-07	1	1102.587	1.41	Ovary	X:+:17670902-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA
JHU_Ag_46210	CPAVAAVGPVENLPDYVR	AGAP000935-PA	C1(Carbamidomethyl)	142	1.01E-13	1	1926.969	-2.92	Midgut	X:+:17671082-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_46802	CPAVAAVGPVENLPDYVR	AGAP000935-PA	C1(Carbamidomethyl)	84	5.49E-08	2	1926.980	2.91	Ovary	X:+:17671082-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_47690	VASEDSGSQTATVGLWIDAGSR	AGAP000935-PA	-	125	4.62E-12	1	2207.053	-2.29	Visceras	X:+:17669783-17669848	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_47837	EMQEVESNLQEVVFDHLHATAYQGTPLGNTILGPTK	AGAP000935-PA	-	59	1.07E-05	1	3966.966	3.05	Ovary	X:+:17670119-17670226	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_49680	RIPLHELEQR	AGAP000935-PA	-	47	0.000152086	3	1290.728	-0.09	Salivary gland	X:+:17670872-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_49919	IVLAAAGGVR	AGAP000935-PA	-	52	1.62E-05	1	926.579	1.11	Ovary	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_50025	YENDSNNGVAHFLEHMAFK	AGAP000935-PA	M16(Oxidation),"N6(Deamidated), M16(Oxidation)","N7(Deamidated), M16(Oxidation)","N3(Deamidated), M16(Oxidation)"	117	1.60E-11	1	2238.987	-0.29	Head	X:+:17669849-17669905	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_50171	AVEILSDIIQHSK	AGAP000935-PA	-	80	5.63E-08	1	1452.807	0.66	Male reproductive organs	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_50762	AALVNVPPTEVTTLDSGLR	AGAP000935-PA	-	57	1.21E-05	2	1953.066	0.44	Pupa	X:+:17669726-17669782	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_50865	LAEQALGK	AGAP000935-PA	-	61	1.17E-05	2	829.478	0.13	Head	X:+:17670341-17670364	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_52500	AVEILSDIIQHSK	AGAP000935-PA	-	84	2.53E-08	1	1452.810	3.1	Malpighian tubule	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_54406	EMQEVESNLQEVVFDHLHATAYQGTPLGNTILGPTK	AGAP000935-PA	M2(Oxidation)	48	0.000125401	1	3982.965	4	Pupa	X:+:17670119-17670226	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_54570	SQTDLELEVENMGAHLNAYTSREQTVFYAK	AGAP000935-PA	M12(Oxidation)	68	1.99E-06	1	3444.645	2.22	Malpighian tubule	X:+:17669921-17670010	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_56038	AAALAPCR	AGAP000935-PA	C7(Carbamidomethyl)	43	0.000385618	1	829.435	-0.46	Malpighian tubule	X:+:17670389-17670412	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_57080	LCTMVTEGEVER	AGAP000935-PA	C2(Carbamidomethyl), M4(Oxidation)	55	3.15E-05	2	1439.653	1.94	Ovary	X:+:17670740-17670775	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_57753	LGEAEIERER	AGAP000935-PA	-	39	0.001834213	1	1201.617	-0.08	Pupa	X:+:17670074-17670103	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_58119	LGEAEIER	AGAP000935-PA	-	82	1.42E-07	2	916.472	-1.79	Pupa	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_59889	IDSVTAQNVR	AGAP000935-PA	-	86	5.28E-08	1	1102.584	-0.91	Head	X:+:17670902-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA

JHU_Ag_59939	IPLHELEQR	AGAP000935-PA	-	58	1.64E-05	1	1134.628	1.08	Malpighian tubule	X:+:17670875-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_59945	VASEDSGSQTATVGLWIDAGSR	AGAP000935-PA	-	116	3.45E-11	1	2207.060	1.14	Head	X:+:17669783-17669848	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_60116	LCTMVTEGEVER	AGAP000935-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	89	1.61E-08	1	1423.658	1.48	Malpighian tubule	X:+:17670740-17670775	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_63514	CPAVAAVGPVENLPDYVR	AGAP000935-PA	C1(Carbamidomethyl)	55	4.45E-05	2	1926.976	0.69	Salivary gland	X:+:17671082-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_64367	LGEAEIER	AGAP000935-PA	-	72	1.39E-06	2	916.473	-0.66	Visceras	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_66772	IVLAAAGGVR	AGAP000935-PA	-	64	1.08E-06	2	926.578	-0.8	Midgut	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_67124	SQTDLELEVENMGAHLNAYTSR	AGAP000935-PA	M12(Oxidation)	122	9.45E-12	1	2478.163	2.54	Malpighian tubule	X:+:17669921-17669986	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_70568	SDLQQYIDAHYK	AGAP000935-PA	-	86	3.83E-08	1	1480.707	-0.08	Pupa	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_72311	LGEAEIERER	AGAP000935-PA	-	47	0.000317898	1	1201.619	1.56	Ovary	X:+:17670074-17670103	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_73416	VASEDSGSQTATVGLWIDAGSR	AGAP000935-PA	-	108	2.42E-10	1	2207.061	1.47	Midgut	X:+:17669783-17669848	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_74451	SDLQQYIDAHYKAPR	AGAP000935-PA	-	70	1.65E-06	1	1804.902	2.61	Ovary	X:+:17670248-17670292	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_75862	LCTMVTEGEVER	AGAP000935-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	84	4.58E-08	1	1423.657	0.71	Head	X:+:17670740-17670775	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_76521	LCTMVTEGEVER	AGAP000935-PA	C2(Carbamidomethyl), M4(Oxidation)	66	2.43E-06	2	1439.651	0.08	Salivary gland	X:+:17670740-17670775	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_77201	LCTMVTEGEVER	AGAP000935-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	69	1.28E-06	2	1439.651	-0.01	Visceras	X:+:17670740-17670775	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_77746	IPLHELEQR	AGAP000935-PA	-	44	0.000425999	1	1134.627	0.22	Salivary gland	X:+:17670875-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_78051	IDSVTAQNVR	AGAP000935-PA	-	82	1.19E-07	2	1102.584	-1.02	Midgut	X:+:17670902-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA
JHU_Ag_78140	LAMASATDGLCHSFQSFNTCYK	AGAP000935-PA	C11(Carbamidomethyl), C20(Carbamidomethyl)," M3(Oxidation), C11(Carbamidomethyl), C20(Carbamidomethyl)"	133	3.71E-13	1	2509.099	1.83	Visceras	X:+:17670587-17670652	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_79446	LAMASATDGLCHSFQSFNTCYK	AGAP000935-PA	C11(Carbamidomethyl), C20(Carbamidomethyl)	77	1.23E-07	1	2509.089	-2.26	Midgut	X:+:17670587-17670652	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_79709	IVLAAAGGVR	AGAP000935-PA	-	56	7.20E-06	2	926.578	-0.73	Visceras	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_81300	QMLCYNR	AGAP000935-PA	C4(Carbamidomethyl)	40	0.000768769	2	984.439	-0.37	Malpighian tubule	X:+:17670851-17670871	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_82350	LGEAEIER	AGAP000935-PA	-	52	0.000131264	2	916.475	1.41	Ovary	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_82688	CPAVAAVGPVENLPDYVR	AGAP000935-PA	C1(Carbamidomethyl)	121	1.09E-11	1	1926.981	3.22	Malpighian tubule	X:+:17671082-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA

JHU_Ag_82812	SQTDLELEVENMGAHLNAYTSR	AGAP000935-PA	M12(Oxidation)	76	3.86E-07	3	2494.159	2.92	Head	X:+:17669921-17669986	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_82967	TNMLLQLDGTTPICEDIGR	AGAP000935-PA	C14(Carbamidomethyl)," M3(Oxidation), C14(Carbamidomethyl)"	115	6.02E-11	1	2163.043	0.41	Head	X:+:17670794-17670850	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_83438	SQTDLELEVENMGAHLNAYTSR	AGAP000935-PA	-	147	3.43E-14	1	2478.164	2.91	Visceras	X:+:17669921-17669986	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_83752	AAALAPCRFTGSEVR	AGAP000935-PA	C7(Carbamidomethyl)	47	0.000388184	1	1605.818	0.99	Malpighian tubule	X:+:17670389-17670433	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_86484	AALVNVPPTEVTTLDSGLR	AGAP000935-PA	-	112	4.14E-11	1	1953.063	-1.12	Midgut	X:+:17669726-17669782	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_88352	AVEILSDIIQHSK	AGAP000935-PA	-	80	0.000000061	1	1452.807	0.57	Salivary gland	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_91383	IVLAAAGGVR	AGAP000935-PA	-	62	1.70E-06	1	926.579	0.91	Pupa	X:+:17670293-17670322	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_91465	AALVNVPPTEVTTLDSGLR	AGAP000935-PA	-	69	9.25E-07	1	1953.065	-0.31	Head	X:+:17669726-17669782	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_91745	YENDSNNGVAHFLEHMAFK	AGAP000935-PA	M16(Oxidation),"N6(Deamidated), M16(Oxidation)",N7(Deamidated),"N7(Deamidated), M16(Oxidation)"	109	1.01E-10	1	2223.970	-2.75	Midgut	X:+:17669849-17669905	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_92119	IDSVTAQNVR	AGAP000935-PA	-	89	2.21E-08	2	1102.587	1.52	Pupa	X:+:17670902-17670907,17671028-17671051	exon=> In CDS Exon 2 and 3 of transcript AGAP000935-PA
JHU_Ag_92205	EMQEVESNLQEVVFDHLHATAYQGTPLGNTILGPTK	AGAP000935-PA	M2(Oxidation)	76	2.44E-07	1	3966.961	1.56	Visceras	X:+:17670119-17670226	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_92691	AALVNVPPTEVTTLDSGLR	AGAP000935-PA	-	77	1.38E-07	1	1953.063	-0.94	Visceras	X:+:17669726-17669782	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_95072	TNMLLQLDGTTPICEDIGR	AGAP000935-PA	C14(Carbamidomethyl)," M3(Oxidation), C14(Carbamidomethyl)"	114	5.72E-11	2	2147.048	0.43	Visceras	X:+:17670794-17670850	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_95233	SDLQQYIDAHYK	AGAP000935-PA	-	83	6.51E-08	1	1480.711	2.72	Midgut	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_95528	VSSSVDGKAAALAPCR	AGAP000935-PA	C15(Carbamidomethyl)	129	2.25E-12	1	1588.812	0.58	Malpighian tubule	X:+:17670365-17670412	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_97394	AVEILSDIIQHSK	AGAP000935-PA	-	95	2.01E-09	1	1452.810	3.01	Head	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_98033	SDLQQYIDAHYK	AGAP000935-PA	-	84	5.18E-08	1	1480.711	2.64	Malpighian tubule	X:+:17670248-17670283	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_100742	EMQEVESNLQEVVFDHLHATAYQGTPLGNTILGPTK	AGAP000935-PA	M2(Oxidation)	115	2.88E-11	1	3966.972	4.33	Malpighian tubule	X:+:17670119-17670226	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_100969	LGEAEIERER	AGAP000935-PA	-	52	8.36E-05	1	1201.616	-0.65	Midgut	X:+:17670074-17670103	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_101054	LAEQALGK	AGAP000935-PA	-	55	5.10E-05	1	829.478	0.59	Malpighian tubule	X:+:17670341-17670364	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_101905	YIFDRCPAVAAVGPVENLPDYVR	AGAP000935-PA	C6(Carbamidomethyl)	100	1.29E-09	1	2621.330	4.43	Malpighian tubule	X:+:17671067-17671135	exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_102036	EMQEVESNLQEVVFDHLHATAYQGTPLGNTILGPTK	AGAP000935-PA	M2(Oxidation)	35	0.002180172	1	3982.961	2.96	Salivary gland	X:+:17670119-17670226	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_102485	RIPLHELEQR	AGAP000935-PA	-	54	3.01E-05	1	1290.727	-0.51	Pupa	X:+:17670872-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA

JHU_Ag_103345	EMQEVESNLQEVVFDHLHATAYQGTPLGNTILGPTK	AGAP000935-PA	M2(Oxidation)	52	4.32E-05	1	3982.962	3.22	Head	X:+:17670119-17670226	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_103750	EMQEVESNLQEVVFDHLHATAYQGTPLGNTILGPTK	AGAP000935-PA	M2(Oxidation)	98	1.41E-09	1	3966.934	-5.14	Midgut	X:+:17670119-17670226	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_103829	LGEAEIERER	AGAP000935-PA	-	52	8.84E-05	3	1201.617	-0.35	Malpighian tubule	X:+:17670074-17670103	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_104186	SDLQQYIDAHYKAPR	AGAP000935-PA	-	51	0.00011881	1	1804.899	0.68	Pupa	X:+:17670248-17670292	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_105912	LGEAEIERER	AGAP000935-PA	-	52	7.84E-05	1	1201.616	-1	Visceras	X:+:17670074-17670103	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_106954	IPLHELEQR	AGAP000935-PA	-	51	8.44E-05	1	1134.628	1.08	Visceras	X:+:17670875-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_107061	TNMLLQLDGTTPICEDIGR	AGAP000935-PA	C14(Carbamidomethyl),"M3(Oxidation),C14(Carbamidomethyl)"	142	1.04E-13	1	2147.054	2.93	Malpighian tubule	X:+:17670794-17670850	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_107065	LAMASATDGLCHSFQSFNTCYK	AGAP000935-PA	M3(Oxidation),C11(Carbamidomethyl),C20(Carbamidomethyl)	107	1.33E-10	1	2525.097	3.15	Salivary gland	X:+:17670587-17670652	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_109896	AVEILSDIIQHSK	AGAP000935-PA	-	84	2.42E-08	2	1452.812	4.1	Midgut	X:+:17670035-17670073	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_110145	RIPLHELEQR	AGAP000935-PA	-	73	3.83E-07	1	1290.730	2.05	Midgut	X:+:17670872-17670901	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_111534	LAEQALGK	AGAP000935-PA	-	54	6.00E-05	2	829.477	-0.9	Midgut	X:+:17670341-17670364	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_115109	LGEAEIER	AGAP000935-PA	-	77	4.35E-07	2	916.473	-0.19	Midgut	X:+:17670074-17670097	exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_8665	VFEPVCDLLHQILTENER	AGAP000939-PA	C6(Carbamidomethyl)	111	1.13E-10	1	2212.110	1.27	Ovary	X:-:18120352-18120299	exon=> In CDS Exon 3 of transcript AGAP000939-PA
JHU_Ag_16136	QKLPDVYIILPTLLPR	AGAP000939-PA	-	46	4.12E-06	1	1879.143	0.79	Head	X:-:18125528-18125825,18120272-18120539	exon=> In CDS Exon 3 and 2 of transcript AGAP000939-PA
JHU_Ag_34136	QKLPDVYIILPTLLPR	AGAP000939-PA	-	36	4.54E-05	1	1879.136	-2.81	Visceras	X:-:18125528-18125825,18120272-18120539	exon=> In CDS Exon 3 and 2 of transcript AGAP000939-PA
JHU_Ag_74375	VFEPVCDLLHQILTENERER	AGAP000939-PA	C6(Carbamidomethyl)	77	2.34E-07	1	2497.264	5.53	Ovary	X:-:18120352-18120293	exon=> In CDS Exon 3 of transcript AGAP000939-PA
JHU_Ag_105491	QKLPDVYIILPTLLPR	AGAP000939-PA	-	39	2.07E-05	1	1879.147	2.84	Malpighian tubule	X:-:18125528-18125825,18120272-18120539	exon=> In CDS Exon 3 and 2 of transcript AGAP000939-PA
JHU_Ag_105983	LQNGELDNVRPK	AGAP000939-PA	-	45	0.000377007	2	1382.741	1.31	Malpighian tubule	X:-:18125654-18125619	exon=> In CDS Exon 2 of transcript AGAP000939-PA
JHU_Ag_114299	QKLPDVYIILPTLLPR	AGAP000939-PA	-	53	7.28E-07	1	1879.146	2.45	Ovary	X:-:18125528-18125825,18120272-18120539	exon=> In CDS Exon 3 and 2 of transcript AGAP000939-PA
JHU_Ag_13196	EPNFFETTSSSTTSNAATSMK	AGAP000941-PA	M20(Oxidation),"N15(Deamidated),M20(Oxidation)"	112	4.06E-11	1	2253.980	-0.63	Male reproductive organs	X:-:18250686-18250842,18244855-18244903	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PA
JHU_Ag_41615	SDLMHREPNFFETTSSSTTSNAATSMK	AGAP000941-PA	M4(Oxidation),M26(Oxidation)	49	8.09E-05	3	3009.319	-0.29	Male reproductive organs	X:-:18250704-18250842,18244855-18244903	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PA
JHU_Ag_48828	EPNFFETTSSSTTSNAATSMK	AGAP000941-PA	M20(Oxidation)	112	5.76E-11	1	2253.986	2.08	Ovary	X:-:18250686-18250842,18244855-18244903	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PA

JHU_Ag_86942	SDLMHREPNFFETTSSSTTSNAATSMK	AGAP000941-PA	M4(Oxidation), M26(Oxidation)	61	5.66E-06	1	3009.323	1.06	Ovary	X:-:18250704-18250842,182448 55-18244903	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PA
JHU_Ag_100029	EPNFFETTSSSTTSNAATSMK	AGAP000941-PA	M20(Oxidation)	96	2.19E-09	2	2237.986	-0.39	Visceras	X:-:18250686-18250842,182448 55-18244903	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PA
JHU_Ag_117244	EPNFFETTSSSTTSNAATSMK	AGAP000941-PA	M20(Oxidation)	111	4.99E-11	2	2253.976	-2.36	Head	X:-:18250686-18250842,182448 55-18244903	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PA
JHU_Ag_3156	FDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	57	3.20E-05	1	1623.827	0.11	Male reproductive organs	X:-:18244734-18244693;X:-:18244734-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_3846	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	87	2.44E-08	1	1685.837	-0.86	Male reproductive organs	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_4575	TVDNKLLVHAEHAEK	AGAP000941-PA,AGAP000941-PB	-	77	2.38E-07	1	1703.909	0.92	Malpighian tubule	X:-:18244692-18244648;X:-:18244692-18244648	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_5098	LRFDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	86	2.59E-08	2	1893.010	-0.75	Head	X:-:18244740-18244693;X:-:18244740-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_10459	DGVLTVDAPIQPEALLAGETMVPIAHN	AGAP000941-PA,AGAP000941-PB	M21(Oxidation)	43	0.000492 503	2	2787.427	1.37	Head	X:-:18244554-18244474;X:-:18244554-18244474	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_17229	LPQSQSGSDICSPLIQDDGDGK	AGAP000941-PA,AGAP000941-PB	C11(Carbamidomethyl)	108	2.27E-10	2	2317.065	1.67	Malpighian tubule	X:-:18244902-18244936,182444 71-18244750;X:-:18244902-18244936,182444 71-18244750	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000941-PB
JHU_Ag_22105	LPQSQSGSDICSPLIQDDGDGK	AGAP000941-PA,AGAP000941-PB	C11(Carbamidomethyl)	128	2.11E-12	1	2317.062	0.41	Male reproductive organs	X:-:18244902-18244936,182444 71-18244750;X:-:18244902-18244936,182444 71-18244750	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000941-PB
JHU_Ag_23498	LLVHAEHAEK	AGAP000941-PA,AGAP000941-PB	-	46	0.000362 645	1	1146.631	3.41	Larva	X:-:18244677-18244648;X:-:18244677-18244648	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_25615	GCLPENIK	AGAP000941-PA,AGAP000941-PB	C2(Carbamidomethyl)	35	0.004009 017	1	930.473	1.23	Malpighian tubule	X:-:18244593-18244570;X:-:18244593-18244570	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_26266	LPQSQSGSDICSPLIQDDGDGK	AGAP000941-PA,AGAP000941-PB	C11(Carbamidomethyl)	142	9.19E-14	2	2317.059	-1.17	Head	X:-:18244902-18244936,182444 71-18244750;X:-:18244902-18244936,182444 71-18244750	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000941-PB

JHU_Ag_42468	LPQSQSGSDICSPLIQDDGDGK	AGAP000941-PA,AGAP000941-PB	C11(Carbamidomethyl)	184	5.72E-18	1	2317.066	2.2	Visceras	X:-:18244902-18244936,18244471-18244750;X:-:18244902-18244936,18244471-18244750	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000941-PB
JHU_Ag_52018	FDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	60	1.58E-05	2	1623.827	0.33	Salivary gland	X:-:18244734-18244693;X:-:18244734-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_54068	SDLMHR	AGAP000941-PA,AGAP000941-PB	M4(Oxidation)	45	0.000136849	2	758.359	-3.28	Head	X:-:18250704-18250687;X:-:18250704-18250687	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_55440	LRFDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	94	3.43E-09	1	1893.015	1.7	Ovary	X:-:18244740-18244693;X:-:18244740-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_58895	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	95	4.34E-09	2	1685.841	1.6	Pupa	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_59262	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	81	9.99E-08	1	1685.839	0.37	Salivary gland	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_61999	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	93	6.51E-09	1	1685.840	1.31	Head	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_64032	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	79	1.98E-07	1	1685.848	5.73	Malpighian tubule	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_64319	FDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	62	9.49E-06	1	1623.834	4.69	Malpighian tubule	X:-:18244734-18244693;X:-:18244734-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_71054	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	93	6.08E-09	1	1685.842	2.18	Visceras	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_71745	DGVLTVDAPIQPEALLAGETMVPIAHN	AGAP000941-PA,AGAP000941-PB	M21(Oxidation)	115	3.84E-11	1	2787.423	-0.26	Ovary	X:-:18244554-18244474;X:-:18244554-18244474	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_73163	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	90	1.25E-08	2	1685.836	-1.59	Midgut	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_73185	DGVLTVDAPIQPEALLAGETMVPIAHN	AGAP000941-PA,AGAP000941-PB	M21(Oxidation)	69	1.53E-06	1	2787.422	-0.38	Visceras	X:-:18244554-18244474;X:-:18244554-18244474	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB

JHU_Ag_76724	FDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	64	5.82E-06	2	1623.831	2.66	Visceras	X:-:18244734-18244693;X:-:18244734-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_79887	FDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	64	5.99E-06	2	1623.827	0.33	Ovary	X:-:18244734-18244693;X:-:18244734-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_81005	DGVLTVDAPIQPEALLAGETMVPIAHN	AGAP000941-PA,AGAP000941-PB	M21(Oxidation)	39	0.001304457	3	2787.424	0.14	Male reproductive organs	X:-:18244554-18244474;X:-:18244554-18244474	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_81398	LGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	86	3.29E-08	1	1685.840	0.8	Ovary	X:-:18250803-18250759;X:-:18250803-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_82128	LPQSQSGSDICSPLIQDDGDGKVLK	AGAP000941-PA,AGAP000941-PB	C11(Carbamidomethyl)	174	6.51E-17	1	2657.321	4.73	Malpighian tubule	X:-:18244902-18244936,18244471-18244741;X:-:18244902-18244936,18244471-18244741	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000941-PB
JHU_Ag_83560	NIPIKLGDFSVIDTEFSSIR	AGAP000941-PA,AGAP000941-PB	-	70	7.27E-07	1	2251.205	3.48	Malpighian tubule	X:-:18250818-18250759;X:-:18250818-18250759	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_84270	SDLMHR	AGAP000941-PA,AGAP000941-PB	M4(Oxidation)	41	0.000427085	2	774.356	-0.19	Male reproductive organs	X:-:18250704-18250687;X:-:18250704-18250687	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_86064	LLVHAEHAEK	AGAP000941-PA,AGAP000941-PB	-	40	0.001203291	1	1146.630	2.57	Male reproductive organs	X:-:18244677-18244648;X:-:18244677-18244648	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_87011	DGVLTVDAPIQPEALLAGETMVPIAHN	AGAP000941-PA,AGAP000941-PB	M21(Oxidation)	56	2.61E-05	2	2787.441	6.45	Malpighian tubule	X:-:18244554-18244474;X:-:18244554-18244474	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_91586	SSLSKDGVLTVDAPIQPEALLAGETMVPIAHN	AGAP000941-PA,AGAP000941-PB	M26(Oxidation)	141	5.09E-14	1	3289.708	2.85	Malpighian tubule	X:-:18244569-18244474;X:-:18244569-18244474	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_92391	LPQSQSGSDICSPLIQDDGDGK	AGAP000941-PA,AGAP000941-PB	C11(Carbamidomethyl)	81	1.08E-07	1	2317.065	1.62	Ovary	X:-:18244902-18244936,18244471-18244750;X:-:18244902-18244936,18244471-18244750	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000941-PB
JHU_Ag_97343	LLVHAEHAEK	AGAP000941-PA,AGAP000941-PB	-	46	0.000374299	2	1146.626	-0.32	Malpighian tubule	X:-:18244677-18244648;X:-:18244677-18244648	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_97524	RNIPIK	AGAP000941-PA,AGAP000941-PB	-	33	0.001011066	2	740.478	0.08	Head	X:-:18250821-18250804;X:-:18250821-18250804	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB

JHU_Ag_107390	LLVHAEHAEK	AGAP000941-PA,AGAP000941-PB	-	53	7.94E-05	1	1146.628	1.3	Ovary	X:-:18244677-18244648;X:-:18244677-18244648	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_110237	FDSEMKK	AGAP000941-PA,AGAP000941-PB	M5(Oxidation)	34	0.002548828	1	900.414	0.4	Male reproductive organs	X:-:18250752-18250732;X:-:18250752-18250732	exon=> In CDS Exon 1 of transcript AGAP000941-PA;exon=> In CDS Exon 1 of transcript AGAP000941-PB
JHU_Ag_110913	FDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	73	7.52E-07	2	1623.825	-0.79	Midgut	X:-:18244734-18244693;X:-:18244734-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_111454	LPQSQSGSDICSPLIQDDGDGK	AGAP000941-PA,AGAP000941-PB	C11(Carbamidomethyl)	87	2.64E-08	2	2317.068	3.04	Midgut	X:-:18244902-18244936,18244471-18244750;X:-:18244902-18244936,18244471-18244750	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP000941-PB
JHU_Ag_111497	LLVHAEHAEK	AGAP000941-PA,AGAP000941-PB	-	41	0.001076242	2	1146.630	3.2	Visceras	X:-:18244677-18244648;X:-:18244677-18244648	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_113373	LLVHAEHAEK	AGAP000941-PA,AGAP000941-PB	-	80	1.33E-07	1	1146.626	-0.32	Head	X:-:18244677-18244648;X:-:18244677-18244648	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_116887	LRFDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	88	1.32E-08	1	1893.018	3.25	Malpighian tubule	X:-:18244740-18244693;X:-:18244740-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_117433	GCLPENIKSSLSK	AGAP000941-PA,AGAP000941-PB	C2(Carbamidomethyl)	62	9.52E-06	1	1432.751	3.07	Malpighian tubule	X:-:18244593-18244555;X:-:18244593-18244555	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_117681	FDVSQYAPEEIVVK	AGAP000941-PA,AGAP000941-PB	-	65	4.98E-06	2	1623.830	1.91	Head	X:-:18244734-18244693;X:-:18244734-18244693	exon=> In CDS Exon 3 of transcript AGAP000941-PA;exon=> In CDS Exon 4 of transcript AGAP000941-PB
JHU_Ag_45269	EPNFFETTSSFSSK	AGAP000941-PB	-	54	3.74E-05	2	1607.721	-0.68	Head	X:-:18250686-18250842,18248081-18248101	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PB
JHU_Ag_85823	VATSSSSTTSNAATSMK	AGAP000941-PB	M16(Oxidation)	105	3.02E-10	2	1646.753	-0.23	Head	X:-:18248097-18248113,18244855-18244903	exon=> In CDS Exon 3 and 2 of transcript AGAP000941-PB
JHU_Ag_102680	EPNFFETTSSFSSK	AGAP000941-PB	-	63	5.73E-06	2	1607.726	2.13	Visceras	X:-:18250686-18250842,18248081-18248101	exon=> In CDS Exon 2 and 1 of transcript AGAP000941-PB
JHU_Ag_97032	LQQMLK	AGAP000943-PD	-	35	0.004459522	2	760.438	-0.92	Salivary gland	X:-:18256611-18256713,18255347-18255419	exon=> In CDS Exon 6 and 5 of transcript AGAP000943-PD
JHU_Ag_4422	NNALLVHLQK	AGAP000943-PD,AGAP000943-PE	-	62	3.07E-06	2	1149.673	-1.09	Midgut	X:-:18256952-18256923;X:-:18256952-18256923	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE

JHU_Ag_10792	YFVDFDIPK	AGAP000943-PD,AGAP000943-PE	-	58	1.72E-05	2	1143.571	-0.59	Midgut	X:-:18256811-18257030,18256603-18256711;X:-:18256811-18257030,18256603-18256711	exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PE
JHU_Ag_11469	KHEELETPTFTTSIPVDLNEQ	AGAP000943-PD,AGAP000943-PE	-	108	2.51E-10	1	2428.195	2.96	Salivary gland	X:-:18255412-18255350;X:-:18255412-18255350	exon=> In CDS Exon 6 of transcript AGAP000943-PD;exon=> In CDS Exon 7 of transcript AGAP000943-PE
JHU_Ag_12123	TNFEATHPPILIDNGLAILENEKIER	AGAP000943-PD,AGAP000943-PE	-	54	2.70E-05	1	2947.540	-4.15	Male reproductive organs	X:-:18257245-18257168;X:-:18257245-18257168	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_14775	HLTALWR	AGAP000943-PD,AGAP000943-PE	-	34	0.001818418	2	896.517	7.61	Ovary	X:-:18256710-18256690;X:-:18256710-18256690	exon=> In CDS Exon 5 of transcript AGAP000943-PD;exon=> In CDS Exon 5 of transcript AGAP000943-PE
JHU_Ag_15436	KHEELETPTFTTSIPVDLNEQ	AGAP000943-PD,AGAP000943-PE	-	56	4.33E-05	1	2428.186	-0.81	Midgut	X:-:18255412-18255350;X:-:18255412-18255350	exon=> In CDS Exon 6 of transcript AGAP000943-PD;exon=> In CDS Exon 7 of transcript AGAP000943-PE
JHU_Ag_18637	NGSVPEIELIIK	AGAP000943-PD,AGAP000943-PE	N1(Deamidated)	60	7.62E-06	2	1312.737	0.81	Salivary gland	X:-:18265405-18265370;X:-:18265405-18265370	exon=> In CDS Exon 1 of transcript AGAP000943-PD;exon=> In CDS Exon 1 of transcript AGAP000943-PE
JHU_Ag_20299	HEELETPTFTTSIPVDLNEQ	AGAP000943-PD,AGAP000943-PE	-	55	4.92E-05	2	2300.097	1.75	Head	X:-:18255409-18255350;X:-:18255409-18255350	exon=> In CDS Exon 6 of transcript AGAP000943-PD;exon=> In CDS Exon 7 of transcript AGAP000943-PE
JHU_Ag_22057	TNFEATHPPILIDNGLAILENEKIER	AGAP000943-PD,AGAP000943-PE	N14(Deamidated),N21(Deamidated)	140	5.60E-14	1	2947.559	2.24	Salivary gland	X:-:18257245-18257168;X:-:18257245-18257168	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_24883	NNALLVHLQK	AGAP000943-PD,AGAP000943-PE	-	70	4.14E-07	2	1149.673	-0.56	Ovary	X:-:18256952-18256923;X:-:18256952-18256923	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_27683	EVATLIENLYSK	AGAP000943-PD,AGAP000943-PE	-	87	2.20E-08	2	1379.743	1.26	Salivary gland	X:-:18257024-18256989;X:-:18257024-18256989	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_28965	EVATLIENLYSK	AGAP000943-PD,AGAP000943-PE	-	72	5.70E-07	2	1379.745	2.67	Head	X:-:18257024-18256989;X:-:18257024-18256989	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_31543	YFVDFDIPK	AGAP000943-PD,AGAP000943-PE	-	64	4.35E-06	1	1143.573	1.12	Ovary	X:-:18256811-18257030,18256603-18256711;X:-:18256811-18257030,18256603-18256711	exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PE
JHU_Ag_32539	KHEELETPTFTTSIPVDLNEQ	AGAP000943-PD,AGAP000943-PE	Q21(Deamidated)	116	3.74E-11	1	2428.192	1.6	Head	X:-:18255412-18255350;X:-:18255412-18255350	exon=> In CDS Exon 6 of transcript AGAP000943-PD;exon=> In CDS Exon 7 of transcript AGAP000943-PE

JHU_Ag_33764	INDHLAAR	AGAP000943-PD,AGAP000943-PE	-	52	5.54E-05	2	909.489	-0.84	Male reproductive organs	X:-:18256922-18256899;X:-:18256922-18256899	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_33846	TNFEATHPPILIDNGLAILENEK	AGAP000943-PD,AGAP000943-PE	-	50	0.00010033	1	2549.332	2.79	Male reproductive organs	X:-:18257245-18257177;X:-:18257245-18257177	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_33992	YFVDFDIPK	AGAP000943-PD,AGAP000943-PE	-	44	0.000418826	2	1143.576	3.25	Pupa	X:-:18256811-18257030,18256603-18256711;X:-:18256811-18257030,18256603-18256711	exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PE
JHU_Ag_37192	SDEGQDNGASR	AGAP000943-PD,AGAP000943-PE	N-Term(Acetyl)	85	7.71E-09	2	1177.475	2.55	Malpighian tubule	X:-:18265438-18265406;X:-:18265438-18265406	exon=> In CDS Exon 1 of transcript AGAP000943-PD;exon=> In CDS Exon 1 of transcript AGAP000943-PE
JHU_Ag_47487	INDHLAAR	AGAP000943-PD,AGAP000943-PE	-	55	3.53E-05	2	909.491	1.37	Malpighian tubule	X:-:18256922-18256899;X:-:18256922-18256899	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_48059	TNFEATHPPILIDNGLAILENEKIER	AGAP000943-PD,AGAP000943-PE	-	108	1.07E-10	1	2947.555	0.79	Ovary	X:-:18257245-18257168;X:-:18257245-18257168	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_52249	YFVDFDIPK	AGAP000943-PD,AGAP000943-PE	-	60	1.06E-05	2	1143.576	3.57	Male reproductive organs	X:-:18256811-18257030,18256603-18256711;X:-:18256811-18257030,18256603-18256711	exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP000943-PE
JHU_Ag_53069	TNFEATHPPILIDNGLAILENEK	AGAP000943-PD,AGAP000943-PE	-	61	7.29E-06	3	2549.323	-0.51	Malpighian tubule	X:-:18257245-18257177;X:-:18257245-18257177	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_57269	TNFEATHPPILIDNGLAILENEK	AGAP000943-PD,AGAP000943-PE	-	44	0.000349949	1	2549.331	2.43	Pupa	X:-:18257245-18257177;X:-:18257245-18257177	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_58060	TNFEATHPPILIDNGLAILENEKIER	AGAP000943-PD,AGAP000943-PE	-	74	2.66E-07	1	2947.553	0.32	Midgut	X:-:18257245-18257168;X:-:18257245-18257168	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_61522	TNFEATHPPILIDNGLAILENEK	AGAP000943-PD,AGAP000943-PE	-	88	1.81E-08	1	2549.325	0.06	Ovary	X:-:18257245-18257177;X:-:18257245-18257177	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_62514	SVPGGYNLFVQDKEVATLIENLYSK	AGAP000943-PD,AGAP000943-PE	-	83	4.99E-08	2	2784.457	4.14	Salivary gland	X:-:18257155-18257287,18256788-18256989;X:-:18257155-18257287,18256788-18256989	exon=> In CDS Exon 4 and 3 of transcript AGAP000943-PD;exon=> In CDS Exon 4 and 3 of transcript AGAP000943-PE

JHU_Ag_68140	HLTALWR	AGAP000943-PD,AGAP000943-PE	-	41	0.000402126	2	896.509	-0.9	Male reproductive organs	X:-:18256710-18256690;X:-:18256710-18256690	exon=> In CDS Exon 5 of transcript AGAP000943-PD;exon=> In CDS Exon 5 of transcript AGAP000943-PE
JHU_Ag_69186	YMYHMYQLDAFTQSCPADQDIINHYK	AGAP000943-PD,AGAP000943-PE	M2(Oxidation), M5(Oxidation), C15(Carbamidomethyl)	61	3.74E-06	1	3284.412	-0.02	Salivary gland	X:-:18256689-18256612;X:-:18256689-18256612	exon=> In CDS Exon 5 of transcript AGAP000943-PD;exon=> In CDS Exon 5 of transcript AGAP000943-PE
JHU_Ag_69771	EVATLIENLYSK	AGAP000943-PD,AGAP000943-PE	-	51	6.87E-05	2	1379.745	2.14	Pupa	X:-:18257024-18256989;X:-:18257024-18256989	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_73296	TNFEATHPPILIDNGLAILENEK	AGAP000943-PD,AGAP000943-PE	-	141	7.23E-14	1	2549.330	2	Head	X:-:18257245-18257177;X:-:18257245-18257177	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_73706	INDHLAAR	AGAP000943-PD,AGAP000943-PE	-	52	5.28E-05	2	909.489	-1.04	Salivary gland	X:-:18256922-18256899;X:-:18256922-18256899	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_73832	EVATLIENLYSK	AGAP000943-PD,AGAP000943-PE	-	75	4.12E-07	2	1379.737	-3.43	Male reproductive organs	X:-:18257024-18256989;X:-:18257024-18256989	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_75010	HLTALWR	AGAP000943-PD,AGAP000943-PE	-	30	0.005667124	1	896.510	-0.7	Salivary gland	X:-:18256710-18256690;X:-:18256710-18256690	exon=> In CDS Exon 5 of transcript AGAP000943-PD;exon=> In CDS Exon 5 of transcript AGAP000943-PE
JHU_Ag_89052	HEELETPTFTTSIPVDLNEQ	AGAP000943-PD,AGAP000943-PE	-	45	0.000443242	1	2300.096	1.32	Salivary gland	X:-:18255409-18255350;X:-:18255409-18255350	exon=> In CDS Exon 6 of transcript AGAP000943-PD;exon=> In CDS Exon 7 of transcript AGAP000943-PE
JHU_Ag_90004	EVATLIENLYSK	AGAP000943-PD,AGAP000943-PE	-	72	6.52E-07	2	1379.742	0.02	Ovary	X:-:18257024-18256989;X:-:18257024-18256989	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_90235	TNFEATHPPILIDNGLAILENEK	AGAP000943-PD,AGAP000943-PE	-	71	7.64E-07	3	2549.329	1.86	Midgut	X:-:18257245-18257177;X:-:18257245-18257177	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_92951	TNFEATHPPILIDNGLAILENEKIER	AGAP000943-PD,AGAP000943-PE	-	115	1.67E-11	1	2947.567	4.85	Malpighian tubule	X:-:18257245-18257168;X:-:18257245-18257168	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE
JHU_Ag_93581	NNALLVHLQK	AGAP000943-PD,AGAP000943-PE	-	55	1.08E-05	2	1149.669	-4.28	Head	X:-:18256952-18256923;X:-:18256952-18256923	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_98173	INDHLAAR	AGAP000943-PD,AGAP000943-PE	-	48	0.000138197	2	909.487	-3.26	Head	X:-:18256922-18256899;X:-:18256922-18256899	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_99605	TNFEATHPPILIDNGLAILENEK	AGAP000943-PD,AGAP000943-PE	-	97	1.82E-09	1	2549.330	2.14	Salivary gland	X:-:18257245-18257177;X:-:18257245-18257177	exon=> In CDS Exon 3 of transcript AGAP000943-PD;exon=> In CDS Exon 3 of transcript AGAP000943-PE

JHU_Ag_111880	EVATLIENLYSK	AGAP000943-PD,AGAP000943-PE	-	70	9.28E-07	2	1379.748	4.62	Malpighian tubule	X:-:18257024-18256989;X:-:18257024-18256989	exon=> In CDS Exon 4 of transcript AGAP000943-PD;exon=> In CDS Exon 4 of transcript AGAP000943-PE
JHU_Ag_113455	KHEELETPTFTTSIPVDLNEQ	AGAP000943-PD,AGAP000943-PE	-	111	1.08E-10	1	2428.192	1.75	Malpighian tubule	X:-:18255412-18255350;X:-:18255412-18255350	exon=> In CDS Exon 6 of transcript AGAP000943-PD;exon=> In CDS Exon 7 of transcript AGAP000943-PE
JHU_Ag_237	YAPTSDLYPNDPK	AGAP000947-PA	-	63	7.98E-06	1	1480.695	-0.01	Head	X:-:18315924-18315886	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_1799	LYAVSDGPPSLAVR	AGAP000947-PA	-	43	0.000592002	1	1444.788	6.05	Malpighian tubule	X:-:18316247-18316206	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_1870	MKLYAVSDGPPSLAVR	AGAP000947-PA	M1(Oxidation)	105	2.57E-10	1	1703.922	4.07	Malpighian tubule	X:-:18316253-18316206	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_10493	LYAVSDGPPSLAVR	AGAP000947-PA	-	77	2.64E-07	1	1444.778	-1.31	Head	X:-:18316247-18316206	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_14979	VQAWYDGFK	AGAP000947-PA	-	45	0.000342794	2	1113.537	0.78	Male reproductive organs	X:-:18315606-18315580	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_15447	VQAWYDGFK	AGAP000947-PA	-	60	9.98E-06	1	1113.537	0.34	Pupa	X:-:18315606-18315580	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_20499	YAPTSDLYPNDPKDR	AGAP000947-PA	-	72	1.06E-06	1	1751.825	1.1	Pupa	X:-:18315924-18315880	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_20662	LYAVSDGPPSLAVR	AGAP000947-PA	-	76	2.94E-07	1	1444.782	1.91	Pupa	X:-:18316247-18316206	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_29698	EIPVLDDDGFFLSESNAILQYLCEK	AGAP000947-PA	C23(Carbamidomethyl)	98	2.27E-09	1	2915.399	-1.04	Ovary	X:-:18315999-18315925	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_31914	QAHPSLWAIAAK	AGAP000947-PA	-	42	0.000622689	2	1292.713	1.75	Visceras	X:-:18315579-18315544	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_37394	YAPTSDLYPNDPKDR	AGAP000947-PA	-	54	6.07E-05	1	1751.823	-0.16	Ovary	X:-:18315924-18315880	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_39766	LYAVSDGPPSLAVR	AGAP000947-PA	-	67	2.40E-06	2	1444.780	0.47	Male reproductive organs	X:-:18316247-18316206	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_45281	LYAVSDGPPSLAVR	AGAP000947-PA	-	51	9.56E-05	1	1444.781	1.23	Salivary gland	X:-:18316247-18316206	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_49373	VQAWYDGFK	AGAP000947-PA	-	34	0.003386286	1	1113.538	1.66	Ovary	X:-:18315606-18315580	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_50012	AEHLTAEYEK	AGAP000947-PA	-	90	1.59E-08	1	1190.563	-4.66	Head	X:-:18316148-18316119	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_54732	MALEALNIPYEHVSVDYGK	AGAP000947-PA	-	98	2.06E-09	1	2149.064	0.32	Visceras	X:-:18316205-18316149	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_55071	NPPDLTGMVHPIHPIR	AGAP000947-PA	M8(Oxidation)	109	1.61E-10	1	1809.947	2.28	Head	X:-:18315513-18315466	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_56392	LHLALAAFETYLQR	AGAP000947-PA	-	91	4.82E-09	2	1645.912	3.52	Visceras	X:-:18315762-18315721	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_59120	LHLALAAFETYLQR	AGAP000947-PA	-	71	5.26E-07	1	1645.910	2.33	Pupa	X:-:18315762-18315721	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_63378	YAPTSDLYPNDPK	AGAP000947-PA	-	59	1.82E-05	2	1480.697	1.15	Visceras	X:-:18315924-18315886	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_67449	LHLALAAFETYLQR	AGAP000947-PA	-	78	1.27E-07	1	1645.906	-0.12	Ovary	X:-:18315762-18315721	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_72358	LYAVSDGPPSLAVR	AGAP000947-PA	-	103	6.63E-10	1	1444.781	0.81	Ovary	X:-:18316247-18316206	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_79634	VQAWYDGFKQAHPSLWAIAAK	AGAP000947-PA	-	62	6.63E-06	1	2387.239	3.85	Malpighian tubule	X:-:18315606-18315544	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_90037	YAPTSDLYPNDPKDR	AGAP000947-PA	-	71	1.29E-06	1	1751.822	-0.99	Visceras	X:-:18315924-18315880	exon=> In CDS Exon 2 of transcript AGAP000947-PA

JHU_Ag_91664	AEHLTAEYEK	AGAP000947-PA	-	85	4.60E-08	1	1190.569	0.05	Visceras	X:-:18316148-18316119	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_93772	YAPTSDLYPNDPK	AGAP000947-PA	-	51	0.000123268	1	1480.694	-0.75	Pupa	X:-:18315924-18315886	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_99169	MALEALNIPYEHVSVDYGK	AGAP000947-PA	-	125	4.76E-12	1	2149.067	1.59	Pupa	X:-:18316205-18316149	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_111250	AEHLTAEYEK	AGAP000947-PA	-	36	0.003668747	2	1190.570	0.87	Pupa	X:-:18316148-18316119	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_116280	MALEALNIPYEHVSVDYGK	AGAP000947-PA	M1(Oxidation)	79	2.05E-07	1	2165.055	-1.76	Head	X:-:18316205-18316149	exon=> In CDS Exon 1 of transcript AGAP000947-PA
JHU_Ag_117670	YAAGSGLTIADFPLVSSVMCLEAIGFGLGER	AGAP000947-PA	M19(Oxidation), C20(Carbamidomethyl)	44	0.000431823	3	3217.597	1.77	Ovary	X:-:18315708-18315616	exon=> In CDS Exon 2 of transcript AGAP000947-PA
JHU_Ag_6449	AAAVLNPFQGAGLLVDSPVYLFK	AGAP000948-PA	-	77	8.29E-08	1	2390.315	1.11	Ovary	X:+:18320385-18320453	exon=> In CDS Exon 2 of transcript AGAP000948-PA
JHU_Ag_25882	AAAVLNPFQGAGLLVDSPVYLFK	AGAP000948-PA	-	101	2.94E-10	1	2390.313	0.25	Midgut	X:+:18320385-18320453	exon=> In CDS Exon 2 of transcript AGAP000948-PA
JHU_Ag_49913	AAAVLNPFQGAGLLVDSPVYLFK	AGAP000948-PA	-	110	2.76E-11	2	2390.326	6.07	Salivary gland	X:+:18320385-18320453	exon=> In CDS Exon 2 of transcript AGAP000948-PA
JHU_Ag_2131	GLNAILDYQTHHR	AGAP000949-PA	-	44	0.000553321	1	1537.787	-0.18	Salivary gland	X:-:18323394-18323356	exon=> In CDS Exon 3 of transcript AGAP000949-PA
JHU_Ag_42428	GLNAILDYQTHHR	AGAP000949-PA	-	60	1.23E-05	1	1537.792	2.93	Head	X:-:18323394-18323356	exon=> In CDS Exon 3 of transcript AGAP000949-PA
JHU_Ag_45107	YDVDVTLESPTGEVIYR	AGAP000949-PA	-	73	6.92E-07	2	1955.964	2.14	Male reproductive organs	X:-:18323741-18323691	exon=> In CDS Exon 2 of transcript AGAP000949-PA
JHU_Ag_63582	YDVDVTLESPTGEVIYR	AGAP000949-PA	-	83	7.34E-08	1	1955.962	1.27	Midgut	X:-:18323741-18323691	exon=> In CDS Exon 2 of transcript AGAP000949-PA
JHU_Ag_77522	GLNAILDYQTHHR	AGAP000949-PA	-	64	5.73E-06	1	1537.788	0.38	Male reproductive organs	X:-:18323394-18323356	exon=> In CDS Exon 3 of transcript AGAP000949-PA
JHU_Ag_82374	YDVDVTLESPTGEVIYR	AGAP000949-PA	-	75	4.88E-07	2	1955.962	1.33	Salivary gland	X:-:18323741-18323691	exon=> In CDS Exon 2 of transcript AGAP000949-PA
JHU_Ag_93701	YDVDVTLESPTGEVIYR	AGAP000949-PA	-	42	0.001048423	2	1955.964	1.95	Pupa	X:-:18323741-18323691	exon=> In CDS Exon 2 of transcript AGAP000949-PA
JHU_Ag_22491	KKPNLEVVLTAFVEGVGSK	AGAP000950-PA	-	59	1.92E-06	1	2015.170	8.18	Ovary	X:-:18328021-18327965	exon=> In CDS Exon 2 of transcript AGAP000950-PA
JHU_Ag_36961	AGYYVPDSAITLPDTPITGPDLLK	AGAP000950-PA	-	45	0.000238679	2	2517.319	2.48	Pupa	X:-:18327627-18327556	exon=> In CDS Exon 3 of transcript AGAP000950-PA
JHU_Ag_90690	ETEVHSSAYAQR	AGAP000950-PA	-	34	0.00426941	2	1377.645	4.4	Pupa	X:-:18327847-18327812	exon=> In CDS Exon 2 of transcript AGAP000950-PA
JHU_Ag_113332	LLLPGLAVYK	AGAP000950-PA	-	32	0.000719763	2	1086.692	-0.12	Ovary	X:-:18327922-18327893	exon=> In CDS Exon 2 of transcript AGAP000950-PA
JHU_Ag_22655	VASELNAAILK	AGAP000951-PA	-	38	0.001325626	2	1128.661	-1.26	Ovary	X:+:18330074-18330106	exon=> In CDS Exon 3 of transcript AGAP000951-PA
JHU_Ag_23902	TLALLAFETPQHSPFADLLGHSHR	AGAP000951-PA	-	58	1.88E-05	1	2658.372	-2.66	Midgut	X:+:18329996-18330067	exon=> In CDS Exon 3 of transcript AGAP000951-PA
JHU_Ag_67801	LIMNYLVTEGFK	AGAP000951-PA	-	48	0.00012063	2	1427.761	0.56	Visceras	X:+:18329404-18329428,18329609-18329619	exon=> In CDS Exon 1 and 2 of transcript AGAP000951-PA
JHU_Ag_78908	TLALLAFETPQHSPFADLLGHSHR	AGAP000951-PA	-	105	2.81E-10	1	2658.393	5.52	Ovary	X:+:18329996-18330067	exon=> In CDS Exon 3 of transcript AGAP000951-PA
JHU_Ag_7585	SYNWSEK	AGAP000952-PA	-	31	0.004408505	1	913.408	3.66	Larva	X:-:18334560-18334692,18333428-18333548	exon=> In CDS Exon 3 and 2 of transcript AGAP000952-PA
JHU_Ag_7644	EGQVAKPR	AGAP000952-PA	-	39	0.000775654	2	884.495	-0.38	Male reproductive organs	X:-:18333466-18333443	exon=> In CDS Exon 3 of transcript AGAP000952-PA
JHU_Ag_17300	EGQVAKPR	AGAP000952-PA	-	46	0.00014041	2	884.492	-2.73	Ovary	X:-:18333466-18333443	exon=> In CDS Exon 3 of transcript AGAP000952-PA

JHU_Ag_39956	NGFREGQVAKPR	AGAP000952-PA	N1(Deamidated)	60	1.09E-05	1	1358.732	2.2	Malpighian tubule	X:-:18333478-18333443	exon=> In CDS Exon 3 of transcript AGAP000952-PA
JHU_Ag_41824	SYNWSEK	AGAP000952-PA	-	38	0.000757 45	1	913.406	1.44	Malpighian tubule	X:-:18334560-18334692,183334 28-18333548	exon=> In CDS Exon 3 and 2 of transcript AGAP000952-PA
JHU_Ag_44072	SYNWSEK	AGAP000952-PA	-	42	0.000319 711	1	913.404	-1.56	Pupa	X:-:18334560-18334692,183334 28-18333548	exon=> In CDS Exon 3 and 2 of transcript AGAP000952-PA
JHU_Ag_64042	SYNWSEK	AGAP000952-PA	-	37	0.000900 511	1	913.406	0.57	Head	X:-:18334560-18334692,183334 28-18333548	exon=> In CDS Exon 3 and 2 of transcript AGAP000952-PA
JHU_Ag_87260	SYNWSEK	AGAP000952-PA	-	36	0.001001 127	1	913.406	0.92	Ovary	X:-:18334560-18334692,183334 28-18333548	exon=> In CDS Exon 3 and 2 of transcript AGAP000952-PA
JHU_Ag_112928	SSYHIQK	AGAP000952-PA	-	48	0.000310 192	2	862.438	-4.24	Head	X:-:18334623-18334603	exon=> In CDS Exon 2 of transcript AGAP000952-PA
JHU_Ag_11881	ASPFLLQYIQESIPDYR	AGAP000954-PD,AGAP000954-PB	-	61	1.09E-05	1	2040.045	0.85	Ovary	X:+:18351846-18351896;X:+:183 51846-18351896	exon=> In CDS Exon 3 of transcript AGAP000954-PD;exon=> In CDS Exon 4 of transcript AGAP000954-PB
JHU_Ag_59196	IAIMVDDLIDDVQSFVAAAEVLKDR	AGAP000954-PD,AGAP000954-PB	M4(Oxidation)	65	3.46E-06	1	2762.421	-2.56	Midgut	X:+:18352143-18352217;X:+:183 52143-18352217	exon=> In CDS Exon 3 of transcript AGAP000954-PD;exon=> In CDS Exon 4 of transcript AGAP000954-PB
JHU_Ag_59320	IYVLATHGLLSQDAPR	AGAP000954-PD,AGAP000954-PB	-	108	9.21E-11	1	1753.964	2.31	Ovary	X:+:18352230-18352277;X:+:183 52230-18352277	exon=> In CDS Exon 3 of transcript AGAP000954-PD;exon=> In CDS Exon 4 of transcript AGAP000954-PB
JHU_Ag_80350	IAIMVDDLIDDVQSFVAAAEVLK	AGAP000954-PD,AGAP000954-PB	M4(Oxidation)	43	0.000467 771	1	2491.301	0.46	Ovary	X:+:18352143-18352211;X:+:183 52143-18352211	exon=> In CDS Exon 3 of transcript AGAP000954-PD;exon=> In CDS Exon 4 of transcript AGAP000954-PB
JHU_Ag_91888	SIVGVIPYLPYSK	AGAP000954-PD,AGAP000954-PB	-	40	0.000371 35	1	1435.819	-0.73	Ovary	X:+:18351660-18351698;X:+:183 51660-18351698	exon=> In CDS Exon 3 of transcript AGAP000954-PD;exon=> In CDS Exon 4 of transcript AGAP000954-PB
JHU_Ag_104226	SIVGVIPYLPYSK	AGAP000954-PD,AGAP000954-PB	-	43	0.000190 013	2	1435.818	-1.07	Midgut	X:+:18351660-18351698;X:+:183 51660-18351698	exon=> In CDS Exon 3 of transcript AGAP000954-PD;exon=> In CDS Exon 4 of transcript AGAP000954-PB
JHU_Ag_106218	LGIAVIHGEQK	AGAP000954-PD,AGAP000954-PB	-	40	0.000406 473	1	1164.674	0.02	Ovary	X:+:18351966-18351998;X:+:183 51966-18351998	exon=> In CDS Exon 3 of transcript AGAP000954-PD;exon=> In CDS Exon 4 of transcript AGAP000954-PB
JHU_Ag_658	ACLLRDVPFSAIYFPMYAHTK	AGAP000958-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M16(Oxidation)"	102	1.04E-09	1	2516.256	3.74	Malpighian tubule	X:-:18371207-18371145	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_1426	TAFQLFDR	AGAP000958-PA	-	59	1.61E-05	1	997.512	1.75	Malpighian tubule	X:-:18377476-18377453	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_5600	HEGFLGLYR	AGAP000958-PA	-	41	0.001263 027	1	1091.561	-2.02	Midgut	X:-:18372536-18372510	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_5668	DVPFSAIYFPMYAHTK	AGAP000958-PA	M11(Oxidation)	70	1.59E-06	1	1902.907	-1.26	Ovary	X:-:18371192-18371145	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_6871	DNLIAVTEGHR	AGAP000958-PA	-	66	3.27E-06	2	1224.635	1.73	Head	X:-:18377155-18377590,183768 24-18377030	exon=> In CDS Exon 4 and 3 of transcript AGAP000958-PA
JHU_Ag_7278	SFLIQMLESTYR	AGAP000958-PA	M6(Oxidation)	51	0.000150 219	2	1503.765	8.86	Larva	X:-:18372896-18372861	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_7918	HEGFLGLYR	AGAP000958-PA	-	42	0.000815 272	2	1091.564	1	Visceras	X:-:18372536-18372510	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_7994	IVYNDLSNIAPEHYIK	AGAP000958-PA	-	89	1.57E-08	1	1888.983	1.49	Midgut	X:-:18372998-18372951	exon=> In CDS Exon 5 of transcript AGAP000958-PA

JHU_Ag_8855	AIKLTVNDFVR	AGAP000958-PA	-	70	5.55E-07	1	1275.746	2.95	Malpighian tubule	X:-:18372470-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_9079	IRLQVAGEIAGGAK	AGAP000958-PA	-	80	3.23E-08	1	1382.815	2.48	Malpighian tubule	X:-:18371309-18371268	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_9174	TAFQLFDR	AGAP000958-PA	-	52	7.65E-05	2	997.512	1.45	Male reproductive organs	X:-:18377476-18377453	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_10122	IVYNDLSNIAPEHYIK	AGAP000958-PA	-	97	3.09E-09	1	1888.981	0.07	Ovary	X:-:18372998-18372951	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_10253	YATQQINGEPYMTSADFVR	AGAP000958-PA	N7(Deamidated),M12(Oxidation)	133	6.39E-13	1	2192.002	2.49	Malpighian tubule	X:-:18377971-18377915	exon=> In CDS Exon 2 of transcript AGAP000958-PA
JHU_Ag_10349	LIAGIADTSK	AGAP000958-PA	-	39	0.001016169	2	988.569	1.95	Malpighian tubule	X:-:18377578-18377549	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_11699	SFLGQSYNEESIK	AGAP000958-PA	-	95	3.92E-09	1	1501.719	1.39	Ovary	X:-:18377914-18378028,18377141-18377579	exon=> In CDS Exon 3 and 2 of transcript AGAP000958-PA
JHU_Ag_12015	SSPQFGVTLVTYELLQR	AGAP000958-PA	-	150	7.75E-15	1	1938.049	8.1	Malpighian tubule	X:-:18370776-18370726	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_12200	LTVNDFVR	AGAP000958-PA	-	58	2.19E-05	2	963.527	1.03	Male reproductive organs	X:-:18372461-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_16455	ALSVVRELGLFGLYK	AGAP000958-PA	-	59	1.35E-06	1	1664.979	3.15	Malpighian tubule	X:-:18371261-18371217	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_16540	SGQTTYSGVMDAARK	AGAP000958-PA	M10(Oxidation)	41	0.001016337	2	1587.748	3.23	Malpighian tubule	X:-:18371009-18370965	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_17529	LIAGIADTSK	AGAP000958-PA	-	41	0.000716835	1	988.570	2.2	Head	X:-:18377578-18377549	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_19296	NGNGSVTYSEFVDVFK	AGAP000958-PA	-	82	9.68E-08	2	1762.832	2.34	Visceras	X:-:18377452-18377405	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_20008	IYLNATSGNR	AGAP000958-PA	-	47	0.000331214	2	1108.574	-0.72	Salivary gland	X:-:18376966-18376937	exon=> In CDS Exon 4 of transcript AGAP000958-PA
JHU_Ag_20470	IYLNATSGNR	AGAP000958-PA	-	66	4.20E-06	2	1108.575	0.38	Head	X:-:18376966-18376937	exon=> In CDS Exon 4 of transcript AGAP000958-PA
JHU_Ag_20472	TAFQLFDR	AGAP000958-PA	-	42	0.000685782	2	997.511	0.65	Salivary gland	X:-:18377476-18377453	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_21203	DVPFSAIYFPMYAHTK	AGAP000958-PA	M11(Oxidation)	93	6.79E-09	1	1902.910	0.22	Midgut	X:-:18371192-18371145	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_21447	VNPDHIGGYQAALPMLNGIETK	AGAP000958-PA	M15(Oxidation)	38	0.001968865	1	2354.184	1.06	Ovary	X:-:18370650-18370585	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_21900	AAFADEEGYNHPLTLLAAGAIAGIPAASLVTPADVIK	AGAP000958-PA	-	31	0.003721841	3	3647.916	-4.29	Midgut	X:-:18371144-18371034	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_22136	SSPQFGVTLVTYELLQR	AGAP000958-PA	-	45	0.000244262	2	1938.040	3.32	Head	X:-:18370776-18370726	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_23340	LQVAGEIAGGAK	AGAP000958-PA	-	35	0.00307062	2	1113.627	0.17	Visceras	X:-:18371303-18371268	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_23898	ELGLFGLYK	AGAP000958-PA	-	50	4.39E-05	2	1039.583	0.84	Visceras	X:-:18371243-18371217	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_24376	RIYLNATSGNR	AGAP000958-PA	-	47	0.000253028	2	1264.675	-0.57	Head	X:-:18376969-18376937	exon=> In CDS Exon 4 of transcript AGAP000958-PA
JHU_Ag_25327	LTVNDFVR	AGAP000958-PA	-	58	2.00E-05	2	963.529	3.37	Head	X:-:18372461-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_25685	VINYVEFSQFLHDFHEECAMEAFR	AGAP000958-PA	C18(Carbamidomethyl),M20(Oxidation)	69	1.06E-06	1	3034.357	2.25	Malpighian tubule	X:-:18377323-18377252	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_26443	LTVNDFVR	AGAP000958-PA	-	65	4.78E-06	2	963.526	-0.11	Midgut	X:-:18372461-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_27115	MLYVDFGGSRPAGSDVAK	AGAP000958-PA	M1(Oxidation)	79	2.19E-07	1	1869.916	-0.28	Malpighian tubule	X:-:18370725-18370672	exon=> In CDS Exon 9 of transcript AGAP000958-PA

JHU_Ag_27989	HEGFLGLYR	AGAP000958-PA	-	47	0.000278901	1	1091.566	2.34	Malpighian tubule	X:-:18372536-18372510	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_29172	NGNGSVTYSEFVDVFKK	AGAP000958-PA	N1(Deamidated)	42	0.00091768	1	1891.910	1.59	Head	X:-:18377452-18377402	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_29809	SFLGQSYNEESIK	AGAP000958-PA	-	95	4.39E-09	1	1501.722	3.17	Head	X:-:18377914-18378028,18377141-18377579	exon=> In CDS Exon 3 and 2 of transcript AGAP000958-PA
JHU_Ag_37321	VINYVEFSQFLHDFHEECAMEAFR	AGAP000958-PA	C18(Carbamidomethyl)	84	4.28E-08	1	3018.364	2.86	Visceras	X:-:18377323-18377252	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_37364	TGSFIGEVAYRNSWDCCK	AGAP000958-PA	C16(Carbamidomethyl), C17(Carbamidomethyl)	79	1.02E-07	1	2149.949	2.56	Malpighian tubule	X:-:18372682-18372629	exon=> In CDS Exon 6 of transcript AGAP000958-PA
JHU_Ag_37522	HLLTSEVR	AGAP000958-PA	-	49	7.83E-05	1	954.538	1.33	Malpighian tubule	X:-:18377179-18377156	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_37806	VIRHEGFLGLYR	AGAP000958-PA	-	78	1.38E-07	1	1459.822	3.41	Malpighian tubule	X:-:18372545-18372510	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_38069	ELGLFGLYK	AGAP000958-PA	-	44	0.000186293	1	1039.583	0.33	Ovary	X:-:18371243-18371217	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_39790	AFWKGTVAR	AGAP000958-PA	-	67	1.68E-06	1	1035.574	0.52	Malpighian tubule	X:-:18370940-18371357,18370525-18370786	exon=> In CDS Exon 9 and 8 of transcript AGAP000958-PA
JHU_Ag_40582	DNLIAVTEGHR	AGAP000958-PA	-	45	0.00041278	1	1224.634	0.93	Pupa	X:-:18377155-18377590,18376824-18377030	exon=> In CDS Exon 4 and 3 of transcript AGAP000958-PA
JHU_Ag_41830	LDGPFIQLYFGK	AGAP000958-PA	-	78	1.85E-07	2	1397.750	2.42	Visceras	X:-:18377371-18377336	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_42631	NGNGSVTYSEFVDVFK	AGAP000958-PA	-	74	7.02E-07	2	1762.832	2.2	Head	X:-:18377452-18377405	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_44170	ELGLFGLYK	AGAP000958-PA	-	50	5.10E-05	2	1039.586	3.66	Head	X:-:18371243-18371217	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_46103	KIMAEEGPR	AGAP000958-PA	M3(Oxidation)	55	4.37E-05	2	1046.532	1.61	Malpighian tubule	X:-:18370967-18370941	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_46145	FGLSLPR	AGAP000958-PA	-	40	0.000891542	2	789.461	-0.4	Salivary gland	X:-:18370584-18370564	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_46594	LDGPFIQLYFGK	AGAP000958-PA	-	84	4.61E-08	1	1397.747	0.24	Midgut	X:-:18377371-18377336	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_46751	TGSFIGEVAYR	AGAP000958-PA	-	54	4.05E-05	2	1199.604	-1.36	Male reproductive organs	X:-:18372682-18372650	exon=> In CDS Exon 6 of transcript AGAP000958-PA
JHU_Ag_48359	DNLIAVTEGHR	AGAP000958-PA	-	76	3.07E-07	1	1224.634	0.44	Malpighian tubule	X:-:18377155-18377590,18376824-18377030	exon=> In CDS Exon 4 and 3 of transcript AGAP000958-PA
JHU_Ag_49182	LTVNDFVR	AGAP000958-PA	-	47	0.000295581	2	963.526	0.46	Ovary	X:-:18372461-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_50729	LTVNDFVR	AGAP000958-PA	-	53	7.79E-05	2	963.527	1.22	Pupa	X:-:18372461-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_51267	HLLTSEVR	AGAP000958-PA	-	33	0.003351043	2	954.536	-0.65	Ovary	X:-:18377179-18377156	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_52672	HEGFLGLYR	AGAP000958-PA	-	54	6.45E-05	1	1091.563	0.1	Ovary	X:-:18372536-18372510	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_53259	LQVAGEIAGGAK	AGAP000958-PA	-	74	4.62E-07	2	1113.625	-1.36	Malpighian tubule	X:-:18371303-18371268	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_53814	VNPDHIGGYQAALPMLNGIETKFGLSLPR	AGAP000958-PA	N17(Deamidated),M15(Oxidation),"M15(Oxidation), N17(Deamidated)"	50	6.91E-05	1	3124.630	1.49	Malpighian tubule	X:-:18370650-18370564	exon=> In CDS Exon 9 of transcript AGAP000958-PA

JHU_Ag_53892	LQVAGEIAGGAK	AGAP000958-PA	-	66	2.70E-06	2	1113.627	0.72	Head	X:-:18371303-18371268	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_56793	IVYNDLSNIAPEHYIK	AGAP000958-PA	-	48	0.000236015	1	1888.984	1.77	Male reproductive organs	X:-:18372998-18372951	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_59652	IMAEEGPR	AGAP000958-PA	-	43	0.000380472	2	902.440	0.22	Malpighian tubule	X:-:18370964-18370941	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_62118	IPFKLDGPFIQLYFGK	AGAP000958-PA	-	45	9.96E-05	1	1883.060	6.94	Visceras	X:-:18377383-18377336	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_67380	TAFQLFDR	AGAP000958-PA	-	49	0.00014503	2	997.510	0.04	Ovary	X:-:18377476-18377453	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_68214	FGAPAAVKR	AGAP000958-PA	-	48	0.000267769	2	916.536	-0.21	Ovary	X:-:18370563-18370537	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_68275	FGLSLPR	AGAP000958-PA	-	45	0.000265127	2	789.463	1.99	Head	X:-:18370584-18370564	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_70079	VNPDHIGGYQAALPMLNGIETK	AGAP000958-PA	M15(Oxidation)	58	2.05E-05	1	2354.186	1.99	Head	X:-:18370650-18370585	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_70610	SSPQFGVTLVTYELLQR	AGAP000958-PA	-	106	2.32E-10	2	1938.039	3	Visceras	X:-:18370776-18370726	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_71929	TAFQLFDR	AGAP000958-PA	-	42	0.000707629	1	997.512	2	Head	X:-:18377476-18377453	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_73102	DNLIAVTEGHR	AGAP000958-PA	-	57	2.22E-05	1	1224.633	0.04	Salivary gland	X:-:18377155-18377590,18376824-18377030	exon=> In CDS Exon 4 and 3 of transcript AGAP000958-PA
JHU_Ag_75155	IVYNDLSNIAPEHYIKNITHR	AGAP000958-PA	-	82	4.55E-08	1	2510.327	4.76	Malpighian tubule	X:-:18372998-18372936	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_75566	TRLQVVAR	AGAP000958-PA	-	37	0.001433983	2	942.585	0.68	Malpighian tubule	X:-:18371033-18371010	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_75710	HLLTSEVRDNLIAVTEGHR	AGAP000958-PA	-	92	4.28E-09	1	2160.158	2.79	Malpighian tubule	X:-:18377179-18377590,18376824-18377030	exon=> In CDS Exon 4 and 3 of transcript AGAP000958-PA
JHU_Ag_78007	FGLSLPR	AGAP000958-PA	-	48	0.000149803	2	789.461	-1.02	Ovary	X:-:18370584-18370564	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_78402	IVYNDLSNIAPEHYIK	AGAP000958-PA	-	85	4.35E-08	2	1888.989	4.46	Head	X:-:18372998-18372951	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_78759	YATQQINGEPYMTSADFVR	AGAP000958-PA	M12(Oxidation)	80	1.24E-07	1	2207.010	0.97	Ovary	X:-:18377971-18377915	exon=> In CDS Exon 2 of transcript AGAP000958-PA
JHU_Ag_79367	NGNGSVTYSEFVDVFKK	AGAP000958-PA	N1(Deamidated)	46	0.000417188	1	1891.909	0.72	Visceras	X:-:18377452-18377402	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_79822	TGSFIGEVAYR	AGAP000958-PA	-	61	9.09E-06	2	1199.610	3.83	Head	X:-:18372682-18372650	exon=> In CDS Exon 6 of transcript AGAP000958-PA
JHU_Ag_79917	NGNGSVTYSEFVDVFKK	AGAP000958-PA	N1(Deamidated), N3(Deamidated)	32	0.009675901	1	1892.895	1.87	Midgut	X:-:18377452-18377402	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_81628	SFLIQMLESTYR	AGAP000958-PA	-	75	4.67E-07	2	1487.755	-0.94	Midgut	X:-:18372896-18372861	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_83894	LDGPFIQLYFGK	AGAP000958-PA	-	57	2.07E-05	2	1397.750	2.77	Pupa	X:-:18377371-18377336	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_84665	LIAGIADTSK	AGAP000958-PA	-	42	0.000564578	1	988.566	-1.86	Midgut	X:-:18377578-18377549	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_84812	IYLNATSGNR	AGAP000958-PA	-	71	1.12E-06	2	1108.576	1.59	Malpighian tubule	X:-:18376966-18376937	exon=> In CDS Exon 4 of transcript AGAP000958-PA
JHU_Ag_85666	GLVPQLMGVAPEK	AGAP000958-PA	M7(Oxidation)	70	7.08E-07	1	1338.745	-0.2	Malpighian tubule	X:-:18372509-18372471	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_86463	YATQQINGEPYMTSADFVR	AGAP000958-PA	M12(Oxidation)	80	1.25E-07	2	2207.013	2.29	Head	X:-:18377971-18377915	exon=> In CDS Exon 2 of transcript AGAP000958-PA
JHU_Ag_86877	IYLNATSGNR	AGAP000958-PA	-	65	4.51E-06	2	1108.573	-1.61	Midgut	X:-:18376966-18376937	exon=> In CDS Exon 4 of transcript AGAP000958-PA

JHU_Ag_90517	MLYVDFGGSRPAGSDVAK	AGAP000958-PA	-	39	0.001930904	2	1869.925	4.36	Ovary	X:-:18370725-18370672	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_92016	HLLTSEVR	AGAP000958-PA	-	43	0.000353626	2	954.533	-4.3	Head	X:-:18377179-18377156	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_96429	GLVPQLMGVAPEK	AGAP000958-PA	M7(Oxidation)	50	8.06E-05	2	1354.741	0.67	Ovary	X:-:18372509-18372471	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_97368	SGQTTYSGVMDAAR	AGAP000958-PA	M10(Oxidation)	55	3.29E-05	2	1443.653	-0.14	Ovary	X:-:18371009-18370968	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_97427	TGSFIGEVAYR	AGAP000958-PA	-	69	1.46E-06	2	1199.603	-2.28	Midgut	X:-:18372682-18372650	exon=> In CDS Exon 6 of transcript AGAP000958-PA
JHU_Ag_98959	LQVVAR	AGAP000958-PA	-	34	0.002491976	1	685.437	1.66	Malpighian tubule	X:-:18371027-18371010	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_100600	SGQTTYSGVMDAAR	AGAP000958-PA	M10(Oxidation)	98	1.57E-09	1	1459.652	2.42	Malpighian tubule	X:-:18371009-18370968	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_100855	YATQQINGEPYMTSADFVR	AGAP000958-PA	M12(Oxidation),"N7(Deamidated), M12(Oxidation)"	118	1.95E-11	1	2207.007	-0.36	Midgut	X:-:18377971-18377915	exon=> In CDS Exon 2 of transcript AGAP000958-PA
JHU_Ag_101252	SFLGQSYNEESIK	AGAP000958-PA	-	77	2.49E-07	1	1501.718	0.41	Malpighian tubule	X:-:18377914-18378028,18377141-18377579	exon=> In CDS Exon 3 and 2 of transcript AGAP000958-PA
JHU_Ag_101528	HEGFLGLYR	AGAP000958-PA	-	49	0.000168938	1	1091.561	-1.69	Head	X:-:18372536-18372510	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_105155	TGSFIGEVAYR	AGAP000958-PA	-	76	2.43E-07	2	1199.609	2.71	Malpighian tubule	X:-:18372682-18372650	exon=> In CDS Exon 6 of transcript AGAP000958-PA
JHU_Ag_106174	SGQTTYSGVMDAAR	AGAP000958-PA	M10(Oxidation)	54	4.33E-05	2	1443.653	0.11	Visceras	X:-:18371009-18370968	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_106630	IVYNDLSNIAPEHYIK	AGAP000958-PA	-	114	4.75E-11	1	1888.987	3.56	Malpighian tubule	X:-:18372998-18372951	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_106755	LESRPITENPMHIKR	AGAP000958-PA	-	44	0.000301958	1	1820.983	1.78	Malpighian tubule	X:-:18381559-18381565,18377888-18378008	exon=> In CDS Exon 2 and 1 of transcript AGAP000958-PA
JHU_Ag_107654	ELGLFGLYK	AGAP000958-PA	-	38	0.000711535	1	1039.583	0.49	Malpighian tubule	X:-:18371243-18371217	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_107884	SGQTTYSGVMDAAR	AGAP000958-PA	M10(Oxidation)	51	7.83E-05	2	1459.653	3.01	Head	X:-:18371009-18370968	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_108040	FTLGSVAGAVGATAVYPIDLVK	AGAP000958-PA	-	67	8.92E-07	1	2149.180	-4.64	Midgut	X:-:18372860-18373002,18372626-18372704	exon=> In CDS Exon 6 and 5 of transcript AGAP000958-PA
JHU_Ag_110057	FTLGSVAGAVGATAVYPIDLVK	AGAP000958-PA	-	67	7.49E-07	1	2149.196	2.52	Visceras	X:-:18372860-18373002,18372626-18372704	exon=> In CDS Exon 6 and 5 of transcript AGAP000958-PA
JHU_Ag_110061	DVPFSAIYFPMYAHTK	AGAP000958-PA	M11(Oxidation)	83	8.02E-08	1	1886.918	1.92	Malpighian tubule	X:-:18371192-18371145	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_110825	ELGLFGLYK	AGAP000958-PA	-	39	0.000605003	2	1039.587	4.48	Larva	X:-:18371243-18371217	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_112174	FGLSLPR	AGAP000958-PA	-	46	0.000201119	2	789.462	0.83	Malpighian tubule	X:-:18370584-18370564	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_112549	GLVPQLMGVAPEK	AGAP000958-PA	M7(Oxidation)	37	0.001701359	2	1354.744	2.65	Midgut	X:-:18372509-18372471	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_112682	SFLGQSYNEESIK	AGAP000958-PA	-	69	1.48E-06	2	1501.720	1.71	Pupa	X:-:18377914-18378028,18377141-18377579	exon=> In CDS Exon 3 and 2 of transcript AGAP000958-PA
JHU_Ag_112747	LTVNDFVR	AGAP000958-PA	-	61	1.12E-05	2	963.526	-0.05	Salivary gland	X:-:18372461-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_113078	SGQTTYSGVMDAAR	AGAP000958-PA	M10(Oxidation)	84	4.02E-08	2	1443.651	-1.75	Midgut	X:-:18371009-18370968	exon=> In CDS Exon 8 of transcript AGAP000958-PA

JHU_Ag_113418	ELGLFGLYK	AGAP000958-PA	-	42	0.000335117	2	1039.583	1.08	Midgut	X:-:18371243-18371217	exon=> In CDS Exon 8 of transcript AGAP000958-PA
JHU_Ag_113498	FGLSLPR	AGAP000958-PA	-	38	0.00131377	1	789.461	-1.25	Male reproductive organs	X:-:18370584-18370564	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_113734	LTVNDFVR	AGAP000958-PA	-	55	5.02E-05	1	963.529	3.12	Malpighian tubule	X:-:18372461-18372438	exon=> In CDS Exon 7 of transcript AGAP000958-PA
JHU_Ag_113737	IVYNDLSNIAPEHYIK	AGAP000958-PA	-	62	9.32E-06	2	1888.979	-0.71	Visceras	X:-:18372998-18372951	exon=> In CDS Exon 5 of transcript AGAP000958-PA
JHU_Ag_113803	VNPDHIGGYQAALPMLNGIETK	AGAP000958-PA	M15(Oxidation)	60	1.24E-05	1	2354.190	3.86	Malpighian tubule	X:-:18370650-18370585	exon=> In CDS Exon 9 of transcript AGAP000958-PA
JHU_Ag_114502	IYLNATSGNR	AGAP000958-PA	-	66	4.10E-06	2	1108.575	0.16	Ovary	X:-:18376966-18376937	exon=> In CDS Exon 4 of transcript AGAP000958-PA
JHU_Ag_114764	HLLTSEVR	AGAP000958-PA	-	42	0.00038935	2	954.537	0.44	Midgut	X:-:18377179-18377156	exon=> In CDS Exon 3 of transcript AGAP000958-PA
JHU_Ag_115395	SFLGQSYNEESIK	AGAP000958-PA	-	78	1.93E-07	2	1501.716	-0.48	Midgut	X:-:18377914-18378028,18377141-18377579	exon=> In CDS Exon 3 and 2 of transcript AGAP000958-PA
JHU_Ag_116589	HLLTSEVRDNLIAVTEGHR	AGAP000958-PA	-	67	1.73E-06	1	2160.151	-0.49	Ovary	X:-:18377179-18377590,18376824-18377030	exon=> In CDS Exon 4 and 3 of transcript AGAP000958-PA
JHU_Ag_4652	SADQQPTTSYAPSAPPSHVAVITDTDAK	AGAP000960-PA	-	63	7.22E-06	1	2855.373	1.3	Head	X:-:18386399-18386316	exon=> In CDS Exon 1 of transcript AGAP000960-PA
JHU_Ag_6221	KVAATAAAAAAAAAAAAAAAAK	AGAP000960-PA	-	91	3.25E-09	1	1825.038	4.94	Malpighian tubule	X:-:18386468-18386400	exon=> In CDS Exon 1 of transcript AGAP000960-PA
JHU_Ag_13040	KVAATAAAAAAAAAAAAAAAAK	AGAP000960-PA	-	65	1.36E-06	3	1825.032	1.53	Head	X:-:18386468-18386400	exon=> In CDS Exon 1 of transcript AGAP000960-PA
JHU_Ag_83595	SLFSSIGDVESCK	AGAP000965-PA	C12(Carbamidomethyl)	56	2.92E-05	2	1428.666	-0.81	Head	X:+:18545174-18545212	exon=> In CDS Exon 1 of transcript AGAP000965-PA
JHU_Ag_101103	VTGQSLGYGFVNYHRPEDAEK	AGAP000965-PA	Q4(Deamidated)	115	5.42E-11	1	2367.133	-1.66	Head	X:+:18545228-18545234,18545313-18545368	exon=> In CDS Exon 1 and 2 of transcript AGAP000965-PA
JHU_Ag_109234	RFPPGPIHPLSGR	AGAP000965-PA	-	49	9.47E-05	1	1430.801	-0.71	Head	X:+:18545768-18545806	exon=> In CDS Exon 2 of transcript AGAP000965-PA
JHU_Ag_47251	ATEAVEFIAEHLR	AGAP000966-PA	-	72	9.33E-07	1	1485.774	3.13	Head	X:+:18559526-18559564	exon=> In CDS Exon 4 of transcript AGAP000966-PA
JHU_Ag_4577	THLNYHMSSTPLR	AGAP000968-PA	M7(Oxidation)	75	4.91E-07	1	1572.752	-4.43	Head	X:-:18585160-18585274,18584842-18585013	exon=> In CDS Exon 2 and 1 of transcript AGAP000968-PA
JHU_Ag_64483	SLNDDGTPLYITR	AGAP000968-PA	-	97	2.70E-09	2	1464.736	2	Head	X:-:18584985-18584947	exon=> In CDS Exon 2 of transcript AGAP000968-PA
JHU_Ag_73489	VTITFFR	AGAP000968-PA	-	35	0.001226828	2	883.505	1.86	Head	X:-:18584214-18584194	exon=> In CDS Exon 5 of transcript AGAP000968-PA
JHU_Ag_82207	LSQLGDTVR	AGAP000968-PA	-	46	0.000484252	2	988.543	0.61	Head	X:-:18585012-18584986	exon=> In CDS Exon 2 of transcript AGAP000968-PA
JHU_Ag_91852	SLNDDGTPLYITR	AGAP000968-PA	-	51	0.000132866	2	1464.737	2.75	Salivary gland	X:-:18584985-18584947	exon=> In CDS Exon 2 of transcript AGAP000968-PA
JHU_Ag_102490	RVIDGHVIPNK	AGAP000968-PA	-	34	0.002085898	1	1247.721	-1.11	Head	X:-:18584316-18584284	exon=> In CDS Exon 5 of transcript AGAP000968-PA
JHU_Ag_112231	SGISTFFIPVETGFK	AGAP000968-PA	-	64	5.04E-06	2	1629.860	4.56	Head	X:-:18584474-18584430	exon=> In CDS Exon 4 of transcript AGAP000968-PA
JHU_Ag_26426	AETYEEYEETHHVTR	AGAP000969-PA	N-Term(Acetyl)	49	0.000106078	3	1935.837	0.52	Head	X:-:18614175-18614131	exon=> In CDS Exon 1 of transcript AGAP000969-PA
JHU_Ag_92379	AETYEEYEETHHVTR	AGAP000969-PA	N-Term(Acetyl)	44	0.000287605	1	1935.841	2.98	Ovary	X:-:18614175-18614131	exon=> In CDS Exon 1 of transcript AGAP000969-PA
JHU_Ag_106819	AETYEEYEETHHVTR	AGAP000969-PA	N-Term(Acetyl)	34	0.003285694	1	1935.837	0.52	Male reproductive organs	X:-:18614175-18614131	exon=> In CDS Exon 1 of transcript AGAP000969-PA

JHU_Ag_50254	FLHVPIPTEPVPTKR	AGAP000969-PA,AGAP000969-PC	-	35	0.001077362	3	1730.996	0.38	Visceras	X:-:18600566-18600522;X:-:18600566-18600522	exon=> In CDS Exon 7 of transcript AGAP000969-PA;exon=> In CDS Exon 7 of transcript AGAP000969-PC
JHU_Ag_924	GQPVGLGWDGITK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	76	3.47E-07	1	1327.703	1.51	Malpighian tubule	X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_1280	TISDEQFDKLFEALK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	92	8.37E-09	1	1783.914	1.48	Head	X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_1931	LVEVNLNNIK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	48	7.11E-05	2	1155.675	1.7	Malpighian tubule	X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_4094	GQPVGLGWDGITK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	67	2.07E-06	2	1327.700	-0.51	Visceras	X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_9476	SLLTQMTIEEFR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	48	0.000240282	2	1467.749	-1.41	Visceras	X:-:18601407-18601372;X:-:18601407-18601372;X:-:18601407-18601372;X:-:18601407-18601372	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_10983	IFPAEAPNTTDPEETIQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	99	2.26E-09	1	2028.992	2.34	Malpighian tubule	X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC

JHU_Ag_13960	LGLHLEFNDAR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	71	7.97E-07	1	1284.668	-1.13	Head	X:-:18601038-18601006;X:-:18601038-18601006;X:-:18601038-18601006;X:-:18601038-18601006	exon=> In CDS Exon 6 of transcript AGAP000969-PE;exon=> In CDS Exon 6 of transcript AGAP000969-PD;exon=> In CDS Exon 6 of transcript AGAP000969-PA;exon=> In CDS Exon 6 of transcript AGAP000969-PC
JHU_Ag_14774	SNTHLEVLSLTNVGLTDR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	102	5.71E-10	1	1969.044	4.64	Head	X:-:18601566-18601513;X:-:18601566-18601513;X:-:18601566-18601513;X:-:18601566-18601513	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_22274	IEMEITELVEK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	M3(Oxidation)	70	1.67E-06	2	1349.690	1.99	Salivary gland	X:-:18601089-18601057;X:-:18601089-18601057;X:-:18601089-18601057;X:-:18601089-18601057	exon=> In CDS Exon 6 of transcript AGAP000969-PE;exon=> In CDS Exon 6 of transcript AGAP000969-PD;exon=> In CDS Exon 6 of transcript AGAP000969-PA;exon=> In CDS Exon 6 of transcript AGAP000969-PC
JHU_Ag_22810	QALETPDRPELEPFVPGVVR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	69	9.89E-07	1	2249.197	1.99	Visceras	X:-:18602210-18602151;X:-:18602210-18602151;X:-:18602210-18602151;X:-:18602210-18602151	exon=> In CDS Exon 3 of transcript AGAP000969-PE;exon=> In CDS Exon 3 of transcript AGAP000969-PD;exon=> In CDS Exon 3 of transcript AGAP000969-PA;exon=> In CDS Exon 3 of transcript AGAP000969-PC
JHU_Ag_23511	TNYECDKAPTGPLDR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	C5(Carbamidomethyl)	94	5.51E-09	1	1736.794	1.71	Visceras	X:-:18602282-18602238;X:-:18602282-18602238;X:-:18602282-18602238;X:-:18602282-18602238	exon=> In CDS Exon 3 of transcript AGAP000969-PE;exon=> In CDS Exon 3 of transcript AGAP000969-PD;exon=> In CDS Exon 3 of transcript AGAP000969-PA;exon=> In CDS Exon 3 of transcript AGAP000969-PC
JHU_Ag_27287	LVEVNLNNIK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	45	0.000167483	2	1155.676	2.44	Ovary	X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_30779	TISDEQFDKLFEALK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	103	7.26E-10	1	1783.913	0.66	Midgut	X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC

JHU_Ag_35824	LIDHINK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	37	0.001058291	1	852.493	-1.06	Head	X:-:18602231-18602211;X:-:18602231-18602211;X:-:18602231-18602211;X:-:18602231-18602211	exon=> In CDS Exon 3 of transcript AGAP000969-PE;exon=> In CDS Exon 3 of transcript AGAP000969-PD;exon=> In CDS Exon 3 of transcript AGAP000969-PA;exon=> In CDS Exon 3 of transcript AGAP000969-PC
JHU_Ag_41520	GQPVGLGWDGITK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	66	2.49E-06	2	1327.701	0.69	Head	X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_42160	IEMEITELVEK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	48	0.000250633	2	1333.693	0.86	Head	X:-:18601089-18601057;X:-:18601089-18601057;X:-:18601089-18601057;X:-:18601089-18601057	exon=> In CDS Exon 6 of transcript AGAP000969-PE;exon=> In CDS Exon 6 of transcript AGAP000969-PD;exon=> In CDS Exon 6 of transcript AGAP000969-PA;exon=> In CDS Exon 6 of transcript AGAP000969-PC
JHU_Ag_46007	VLNVETNFISPTVIVTLVK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	63	5.14E-07	1	2086.221	2.55	Visceras	X:-:18601464-18601408;X:-:18601464-18601408;X:-:18601464-18601408;X:-:18601464-18601408	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_50852	SNTHLEVLSLTNVGLTDR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	75	3.22E-07	2	1969.031	-1.99	Midgut	X:-:18601566-18601513;X:-:18601566-18601513;X:-:18601566-18601513;X:-:18601566-18601513	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_51835	TALMLAAALEQNHALR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	M4(Oxidation)	41	0.000897498	2	1738.930	1.74	Midgut	X:-:18601512-18601465;X:-:18601512-18601465;X:-:18601512-18601465;X:-:18601512-18601465	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_57056	IFPAEAPNTTDPEETIQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	69	2.03E-06	1	2028.989	0.95	Salivary gland	X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC

JHU_Ag_63093	SNTHLEVLSLTNVGLTDR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	94	3.51E-09	1	1969.034	-0.44	Visceras	X:-:18601566-18601513;X:-:18601566-18601513;X:-:18601566-18601513;X:-:18601566-18601513	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_64735	QALETPDRPELEPFVPGVVR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	38	0.001460125	1	2249.190	-0.94	Salivary gland	X:-:18602210-18602151;X:-:18602210-18602151;X:-:18602210-18602151;X:-:18602210-18602151	exon=> In CDS Exon 3 of transcript AGAP000969-PE;exon=> In CDS Exon 3 of transcript AGAP000969-PD;exon=> In CDS Exon 3 of transcript AGAP000969-PA;exon=> In CDS Exon 3 of transcript AGAP000969-PC
JHU_Ag_66856	LVEVNLNNIK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	52	2.80E-05	2	1155.673	0.12	Salivary gland	X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_67067	EVDPDDSFLPPSQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	48	0.000200712	2	1601.749	3.07	Head	X:-:18602422-18602560,18602142-18602283;X:-:18602422-18602560,18602142-18602283;X:-:18602422-18602560,18602142-18602283;X:-:18602422-18602560,18602142-18602283	exon=> In CDS Exon 3 and 2 of transcript AGAP000969-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP000969-PD;exon=> In CDS Exon 3 and 2 of transcript AGAP000969-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP000969-PC
JHU_Ag_67246	VAAHLQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	33	0.002108862	2	794.463	0	Head	X:-:18600999-18600979;X:-:18600999-18600979;X:-:18600999-18600979;X:-:18600999-18600979	exon=> In CDS Exon 6 of transcript AGAP000969-PE;exon=> In CDS Exon 6 of transcript AGAP000969-PD;exon=> In CDS Exon 6 of transcript AGAP000969-PA;exon=> In CDS Exon 6 of transcript AGAP000969-PC
JHU_Ag_71027	TALMLAAALEQNHALR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	75	2.50E-07	2	1722.935	1.42	Visceras	X:-:18601512-18601465;X:-:18601512-18601465;X:-:18601512-18601465;X:-:18601512-18601465	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC

JHU_Ag_80230	TISDEQFDKLFEALK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	103	6.28E-10	1	1783.914	1.62	Visceras	X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_86260	IEMEITELVEK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	77	3.26E-07	2	1333.692	0.03	Midgut	X:-:18601089-18601057;X:-:18601089-18601057;X:-:18601089-18601057;X:-:18601089-18601057	exon=> In CDS Exon 6 of transcript AGAP000969-PE;exon=> In CDS Exon 6 of transcript AGAP000969-PD;exon=> In CDS Exon 6 of transcript AGAP000969-PA;exon=> In CDS Exon 6 of transcript AGAP000969-PC
JHU_Ag_90136	QALETPDRPELEPFVPGVVR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	58	1.17E-05	1	2249.200	3.29	Head	X:-:18602210-18602151;X:-:18602210-18602151;X:-:18602210-18602151;X:-:18602210-18602151	exon=> In CDS Exon 3 of transcript AGAP000969-PE;exon=> In CDS Exon 3 of transcript AGAP000969-PD;exon=> In CDS Exon 3 of transcript AGAP000969-PA;exon=> In CDS Exon 3 of transcript AGAP000969-PC
JHU_Ag_90348	IFPAEAPNTTDPEETIQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	81	1.42E-07	1	2028.994	3.36	Ovary	X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_94148	LVEVNLNNIK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	76	9.84E-08	2	1155.667	-5.37	Midgut	X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_94271	TISDEQFDKLFEALK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	70	1.23E-06	2	1783.921	5.38	Salivary gland	X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567;X:-:18601611-18601567	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_97507	VLNVETNFISPTVIVTLVK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	79	1.29E-08	2	2086.217	0.56	Midgut	X:-:18601464-18601408;X:-:18601464-18601408;X:-:18601464-18601408;X:-:18601464-18601408	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC

JHU_Ag_101822	IFPAEAPNTTDPEETIQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	80	1.73E-07	2	2028.988	0.41	Visceras	X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_105172	TALMLAAALEQNHALR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	M4(Oxidation)	78	1.82E-07	1	1738.926	-0.52	Head	X:-:18601512-18601465;X:-:18601512-18601465;X:-:18601512-18601465;X:-:18601512-18601465	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_106774	SLLTQMTIEEFR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	M6(Oxidation)	77	2.92E-07	2	1467.752	0.17	Head	X:-:18601407-18601372;X:-:18601407-18601372;X:-:18601407-18601372;X:-:18601407-18601372	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_107235	GQPVGLGWDGITK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	37	0.002067559	2	1327.705	3.72	Ovary	X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815;X:-:18601853-18601815	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_110889	IFPAEAPNTTDPEETIQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	91	1.36E-08	1	2028.987	-0.25	Head	X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746;X:-:18601799-18601746	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_113248	LVEVNLNNIK	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	44	0.000215183	2	1155.670	-2.63	Visceras	X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695;X:-:18601724-18601695	exon=> In CDS Exon 4 of transcript AGAP000969-PE;exon=> In CDS Exon 4 of transcript AGAP000969-PD;exon=> In CDS Exon 4 of transcript AGAP000969-PA;exon=> In CDS Exon 4 of transcript AGAP000969-PC
JHU_Ag_115154	VAAHLQR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	40	0.000388193	2	794.464	0.62	Salivary gland	X:-:18600999-18600979;X:-:18600999-18600979;X:-:18600999-18600979;X:-:18600999-18600979	exon=> In CDS Exon 6 of transcript AGAP000969-PE;exon=> In CDS Exon 6 of transcript AGAP000969-PD;exon=> In CDS Exon 6 of transcript AGAP000969-PA;exon=> In CDS Exon 6 of transcript AGAP000969-PC

JHU_Ag_116946	SLLTQMTIEEFR	AGAP000969-PE,AGAP000969-PD,AGAP000969-PA,AGAP000969-PC	-	85	4.11E-08	2	1467.746	-3.74	Midgut	X:-:18601407-18601372;X:-:18601407-18601372;X:-:18601407-18601372;X:-:18601407-18601372	exon=> In CDS Exon 5 of transcript AGAP000969-PE;exon=> In CDS Exon 5 of transcript AGAP000969-PD;exon=> In CDS Exon 5 of transcript AGAP000969-PA;exon=> In CDS Exon 5 of transcript AGAP000969-PC
JHU_Ag_10434	ILALQYHPDK	AGAP000970-PA	-	79	9.99E-08	1	1197.665	1.81	Head	X:+:18634363-18634392	exon=> In CDS Exon 2 of transcript AGAP000970-PA
JHU_Ag_14367	NSGIQISYK	AGAP000970-PA	-	49	0.000168062	1	1009.529	-2.48	Head	X:+:18635909-18635935	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_26000	ILALQYHPDKNDGDK	AGAP000970-PA	-	67	3.24E-06	2	1726.873	-1.65	Head	X:+:18634363-18634407	exon=> In CDS Exon 2 of transcript AGAP000970-PA
JHU_Ag_29971	RASEGGAALYYGGR	AGAP000970-PA	-	63	7.20E-06	1	1427.700	-1.95	Head	X:+:18636116-18636157	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_45020	GEWGSENSSEVVSK	AGAP000970-PA	-	106	2.32E-10	1	1494.670	-0.28	Head	X:+:18636161-18636202	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_45982	SGVDDILTYK	AGAP000970-PA	N-Term(Acetyl)	61	1.34E-05	1	1152.577	-1.03	Head	X:+:18632746-18632775	exon=> In CDS Exon 1 of transcript AGAP000970-PA
JHU_Ag_46628	NWLGMK	AGAP000970-PA	-	41	0.001096068	1	748.384	3.35	Head	X:+:18635936-18635953	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_90890	MLPEGGTAAGSTGSGAATGSGAVGSGLSAAQPNPAHR	AGAP000970-PA	M1(Oxidation)	171	9.05E-17	1	3266.550	1.41	Head	X:+:18636005-18636115	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_105323	SGVDDILTYKR	AGAP000970-PA	N-Term(Acetyl)	77	3.32E-07	1	1308.676	-2.59	Head	X:+:18632746-18632778	exon=> In CDS Exon 1 of transcript AGAP000970-PA
JHU_Ag_114755	ASEGGAALYYGGR	AGAP000970-PA	-	96	2.29E-09	1	1271.597	-3.69	Head	X:+:18636119-18636157	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_115039	MLPEGGTAAGSTGSGAATGSGAVGSGLSAAQPNPAHRR	AGAP000970-PA	-	49	0.000150427	1	3406.653	0.26	Head	X:+:18636005-18636118	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_116502	KGEWGSENSSEVVSK	AGAP000970-PA	-	107	2.77E-10	1	1622.763	-1.54	Head	X:+:18636158-18636202	exon=> In CDS Exon 3 of transcript AGAP000970-PA
JHU_Ag_20643	TATKEDVLEYLAFSTFK	AGAP000971-PA	-	66	3.74E-06	2	1963.007	0.59	Ovary	X:-:18646045-18645995	exon=> In CDS Exon 2 of transcript AGAP000971-PA
JHU_Ag_42092	EAQQKILR	AGAP000971-PA	Q3(Deamidated)	39	0.001930529	2	986.563	-0.3	Visceras	X:-:18645817-18645794	exon=> In CDS Exon 3 of transcript AGAP000971-PA
JHU_Ag_49036	TATKEDVLEYLAFSTFK	AGAP000971-PA	-	35	0.003907863	1	1963.016	4.94	Malpighian tubule	X:-:18646045-18645995	exon=> In CDS Exon 2 of transcript AGAP000971-PA
JHU_Ag_92765	LQDTYNLDTASLAR	AGAP000971-PA	-	85	5.59E-08	2	1580.793	1.02	Ovary	X:-:18646237-18646196	exon=> In CDS Exon 2 of transcript AGAP000971-PA
JHU_Ag_148	SYVIEDENGTR	AGAP000973-PA	N8(Deamidated)	52	6.98E-05	2	1282.591	-0.03	Midgut	X:+:18655871-18655903	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_3656	DMFESTEIIADR	AGAP000973-PA	M2(Oxidation)	78	1.58E-07	2	1442.647	-0.15	Midgut	X:+:18656621-18656656	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_6208	SPSAYENNPEEER	AGAP000973-PA	-	90	4.25E-09	2	1521.644	-0.77	Midgut	X:+:18656219-18656257	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_6399	TLVQLQFVHAR	AGAP000973-PA	-	31	0.003399795	1	1311.754	0.31	Midgut	X:+:18656285-18656317	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_7560	TLVQLQFVHAR	AGAP000973-PA	-	85	1.60E-08	1	1311.749	-3.26	Pupa	X:+:18656285-18656317	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_10847	YEGASTLYGPHTLTLYLEQYK	AGAP000973-PA	-	71	1.27E-06	1	2447.212	-0.29	Midgut	X:+:18657239-18657301	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_34817	LVSSDNVGLAAILLEQERNPDALVGK	AGAP000973-PA	-	82	1.68E-08	1	2721.493	5.44	Pupa	X:+:18656387-18656464	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_44419	GATVSAVFIAGNPR	AGAP000973-PA	-	70	1.26E-06	2	1359.737	-0.84	Midgut	X:+:18657470-18657511	exon=> In CDS Exon 2 of transcript AGAP000973-PA

JHU_Ag_63092	SPSAYENNPEEER	AGAP000973-PA	-	97	8.03E-10	2	1521.643	-1.17	Pupa	X:+:18656219-18656257	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_63832	YILGGVYPYVGATNAFSVK	AGAP000973-PA	-	74	4.66E-07	1	2019.057	-0.67	Midgut	X:+:18659175-18659231	exon=> In CDS Exon 3 of transcript AGAP000973-PA
JHU_Ag_66590	DFIAEPTQDDKDCQAPKPILLATGR	AGAP000973-PA	C13(Carbamidomethyl)	98	2.18E-09	1	2799.399	0.3	Pupa	X:+:18656924-18656998	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_72414	LVSSDNVGLAAILLEQERNPDALVGK	AGAP000973-PA	-	110	3.70E-11	1	2721.473	-1.9	Midgut	X:+:18656387-18656464	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_77064	YILGGVYPYVGATNAFSVK	AGAP000973-PA	-	52	8.16E-05	1	2019.062	1.63	Pupa	X:+:18659175-18659231	exon=> In CDS Exon 3 of transcript AGAP000973-PA
JHU_Ag_81205	SPSAYENNPEEERAQYR	AGAP000973-PA	-	46	0.000198 28	1	2039.903	-0.94	Midgut	X:+:18656219-18656269	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_92200	YEGASTLYGPHTLTLYLEQYK	AGAP000973-PA	-	94	6.22E-09	1	2447.219	2.63	Pupa	X:+:18657239-18657301	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_100188	LVSSDNVGLAAILLEQER	AGAP000973-PA	-	41	0.000642 136	2	1927.054	2.42	Pupa	X:+:18656387-18656440	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_104904	YEGASTLYGPHTLTLYLEQYKR	AGAP000973-PA	-	48	0.000187 593	1	2603.312	-0.99	Midgut	X:+:18657239-18657304	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_105093	DFIAEPTQDDKDCQAPKPILLATGR	AGAP000973-PA	C13(Carbamidomethyl)	74	5.29E-07	1	2799.398	-0.29	Midgut	X:+:18656924-18656998	exon=> In CDS Exon 2 of transcript AGAP000973-PA
JHU_Ag_1380	HYLPSGFAQDSHR	AGAP000974-PA	-	96	3.07E-09	1	1514.712	-0.72	Head	X:+:18741553-18741591	exon=> In CDS Exon 5 of transcript AGAP000974-PA
JHU_Ag_2533	DAHNECDLPEYCNGESGQCPPDVHK	AGAP000974-PA	C6(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl)	29	0.001765 807	1	2928.156	-1.96	Head	X:+:18743472-18743546	exon=> In CDS Exon 11 of transcript AGAP000974-PA
JHU_Ag_31252	SSANTPSGSISEELLR	AGAP000974-PA	-	43	0.000838 4	2	1647.818	-0.42	Head	X:+:18766873-18766920	exon=> In CDS Exon 19 of transcript AGAP000974-PA
JHU_Ag_73090	IGHGLCLLNKPNEVELR	AGAP000974-PA	C6(Carbamidomethyl)	57	1.30E-05	1	1962.060	0.42	Head	X:+:18743176-18743214,18743277-18743288	exon=> In CDS Exon 10 and 11 of transcript AGAP000974-PA
JHU_Ag_37528	ILFETIVR	AGAP000978-PA	-	30	0.003369 1	1	990.598	-0.35	Midgut	X:+:18802156-18802179	exon=> In CDS Exon 1 of transcript AGAP000978-PA
JHU_Ag_42254	ILFETIVR	AGAP000978-PA	-	30	0.003247 237	1	990.599	0.21	Salivary gland	X:+:18802156-18802179	exon=> In CDS Exon 1 of transcript AGAP000978-PA
JHU_Ag_8929	YDTYGSTPVLQIVPK	AGAP000982-PA	-	57	2.75E-05	2	1680.880	-2.56	Midgut	X:+:18826010-18826054	exon=> In CDS Exon 2 of transcript AGAP000982-PA
JHU_Ag_6522	LVFNYEEDFPK	AGAP000983-PA	-	50	0.000156 77	2	1400.677	2.76	Malpighian tubule	X:+:18834663-18834695	exon=> In CDS Exon 1 of transcript AGAP000983-PA
JHU_Ag_8385	DIVLVK	AGAP000983-PA	-	35	0.001675 874	1	686.447	3.86	Larva	X:+:18835225-18835242	exon=> In CDS Exon 2 of transcript AGAP000983-PA
JHU_Ag_30202	LALTLEDAEAAR	AGAP000983-PA	-	46	0.000388 032	2	1272.683	2.69	Head	X:+:18836134-18836169	exon=> In CDS Exon 2 of transcript AGAP000983-PA
JHU_Ag_32547	VFGPYQNVDDQLRDFEELSVGGSK	AGAP000983-PA	-	38	0.002043 854	1	2699.321	9.62	Malpighian tubule	X:+:18834549-18834620	exon=> In CDS Exon 1 of transcript AGAP000983-PA
JHU_Ag_58887	NSNQALLLYLR	AGAP000983-PA	N1(Deamidated)	34	0.004028 711	1	1305.721	3.88	Head	X:+:18835348-18835380	exon=> In CDS Exon 2 of transcript AGAP000983-PA
JHU_Ag_90974	NSNQALLLYLR	AGAP000983-PA	-	42	0.000683 477	2	1304.724	-6.4	Midgut	X:+:18835348-18835380	exon=> In CDS Exon 2 of transcript AGAP000983-PA
JHU_Ag_2090	GYAFNHSADFETVR	AGAP000985-PA	-	53	5.93E-05	1	1613.738	2.16	Male reproductive organs	X:+:18923630-18923671	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_3479	AEYQEQGLNVLK	AGAP000985-PA	-	48	0.000238 584	2	1391.719	1.95	Salivary gland	X:+:18924372-18924407	exon=> In CDS Exon 5 of transcript AGAP000985-PA
JHU_Ag_8393	DLMVGDEASQLR	AGAP000985-PA	M3(Oxidation)	76	3.63E-07	2	1349.640	2.81	Head	X:+:18923189-18923224	exon=> In CDS Exon 3 of transcript AGAP000985-PA

JHU_Ag_10848	HIVLSGGSTMYPGLPSR	AGAP000985-PA	M10(Oxidation)	77	2.97E-07	1	1787.909	-0.9	Midgut	X:+:18924033-18924083	exon=> In CDS Exon 4 of transcript AGAP000985-PA
JHU_Ag_17705	AEYQEQGLNVLK	AGAP000985-PA	-	66	3.79E-06	1	1391.719	1.6	Malpighian tubule	X:+:18924372-18924407	exon=> In CDS Exon 5 of transcript AGAP000985-PA
JHU_Ag_20409	ILLTEPPMNPTK	AGAP000985-PA	M8(Oxidation)	39	0.000748738	1	1353.747	1.32	Malpighian tubule	X:+:18923348-18923383	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_20870	SLLEVSYPMENGVVR	AGAP000985-PA	M9(Oxidation)	75	5.31E-07	1	1708.857	-0.32	Ovary	X:+:18923225-18923269	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_22971	DLMVGDEASQLR	AGAP000985-PA	M3(Oxidation)	82	1.00E-07	1	1349.636	-0.36	Ovary	X:+:18923189-18923224	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_25175	DLMVGDEASQLR	AGAP000985-PA	M3(Oxidation)	54	6.49E-05	2	1349.645	5.98	Salivary gland	X:+:18923189-18923224	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_27906	RLDIAGR	AGAP000985-PA	-	47	0.000289212	2	800.471	-3.91	Head	X:+:18923570-18923590	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_38740	ILLTEPPMNPTK	AGAP000985-PA	M8(Oxidation)	45	0.000327953	1	1369.739	-0.78	Midgut	X:+:18923348-18923383	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_40767	GYAFNHSADFETVR	AGAP000985-PA	-	71	7.97E-07	1	1613.731	-2.07	Midgut	X:+:18923630-18923671	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_45306	HVIVCDNGTGFVK	AGAP000985-PA	C5(Carbamidomethyl)	57	3.22E-05	1	1445.721	0.51	Malpighian tubule	X:+:18919027-18919056,18919170-18919178	exon=> In CDS Exon 1 and 2 of transcript AGAP000985-PA
JHU_Ag_47760	IGDIEVKDLMVGDEASQLR	AGAP000985-PA	M10(Oxidation)	90	1.53E-08	1	2104.058	-0.5	Malpighian tubule	X:+:18919260-18919280,18923189-18923224	exon=> In CDS Exon 2 and 3 of transcript AGAP000985-PA
JHU_Ag_60191	HVIVCDNGTGFVK	AGAP000985-PA	C5(Carbamidomethyl)	38	0.002481 57	2	1445.717	-2.45	Head	X:+:18919027-18919056,18919170-18919178	exon=> In CDS Exon 1 and 2 of transcript AGAP000985-PA
JHU_Ag_64302	SLLEVSYPMENGVVR	AGAP000985-PA	-	34	0.005793531	1	1692.867	2.44	Head	X:+:18923225-18923269	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_69105	GRHVIVCDNGTGFVK	AGAP000985-PA	C7(Carbamidomethyl), N9(Deamidated),C7(Carbamidomethyl)	77	3.01E-07	1	1659.832	2.99	Midgut	X:+:18919021-18919056,18919170-18919178	exon=> In CDS Exon 1 and 2 of transcript AGAP000985-PA
JHU_Ag_75025	ILLTEPPMNPTK	AGAP000985-PA	M8(Oxidation)	56	2.32E-05	1	1369.738	-0.95	Ovary	X:+:18923348-18923383	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_76549	KMNIEPSNTK	AGAP000985-PA	-	51	0.000145774	1	1161.595	1.07	Malpighian tubule	X:+:18923318-18923347	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_82134	AEYQEQGLNVLK	AGAP000985-PA	-	40	0.001589233	2	1391.715	-1.29	Head	X:+:18924372-18924407	exon=> In CDS Exon 5 of transcript AGAP000985-PA
JHU_Ag_87777	GYAFNHSADFETVR	AGAP000985-PA	-	72	6.43E-07	1	1613.736	0.87	Head	X:+:18923630-18923671	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_102074	HIVLSGGSTMYPGLPSR	AGAP000985-PA	M10(Oxidation)	138	2.79E-13	1	1787.912	0.74	Head	X:+:18924033-18924083	exon=> In CDS Exon 4 of transcript AGAP000985-PA
JHU_Ag_105768	DLMVGDEASQLR	AGAP000985-PA	M3(Oxidation)	92	8.75E-09	1	1349.637	0.19	Malpighian tubule	X:+:18923189-18923224	exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_115132	EIKQLYLER	AGAP000985-PA	-	38	0.001024921	1	1191.675	1.15	Malpighian tubule	X:+:18924093-18924119	exon=> In CDS Exon 4 of transcript AGAP000985-PA
JHU_Ag_116503	AEYQEQGLNVLK	AGAP000985-PA	-	92	8.15E-09	1	1391.716	-0.15	Ovary	X:+:18924372-18924407	exon=> In CDS Exon 5 of transcript AGAP000985-PA
JHU_Ag_2988	VFNEESLTCENPEDVPHACR	AGAP000986-PA	C9(Carbamidomethyl), N11(Deamidated), C19(Carbamidomethyl),"C9(Carbamidomethyl), C19(Carbamidomethyl)"	124	2.00E-12	1	2403.034	-0.18	Head	X:-:18926222-18926163	exon=> In CDS Exon 2 of transcript AGAP000986-PA

JHU_Ag_7284	LITCVDGHPR	AGAP000986-PA	C4(Carbamidomethyl)	51	0.000115378	1	1167.595	0.91	Malpighian tubule	X:-:18926276-18926247	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_14793	CPQSVPSGTVAAR	AGAP000986-PA	C1(Carbamidomethyl)	50	0.000127965	1	1329.657	-0.75	Head	X:-:18926360-18926322	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_14844	IHGCNWPDQLLDSCNPEAVVGFK	AGAP000986-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	121	1.14E-11	1	2656.232	1.53	Pupa	X:-:18926429-18926361	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_26565	VFNEESLTCENPEDVPHACRH	AGAP000986-PA	C9(Carbamidomethyl), C19(Carbamidomethyl)	108	6.34E-11	1	2540.086	-2.79	Head	X:-:18926222-18926160	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_31854	GAVHNHCNYNWAVDCGSR	AGAP000986-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	101	3.75E-10	1	2116.882	-0.18	Pupa	X:-:18926642-18926589	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_32923	LITCVDGHPR	AGAP000986-PA	C4(Carbamidomethyl)	40	0.001482943	1	1167.595	0.91	Pupa	X:-:18926276-18926247	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_34204	IHGCNWPDQLLDSCNPEAVVGFK	AGAP000986-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	98	2.14E-09	1	2656.235	2.57	Visceras	X:-:18926429-18926361	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_34693	IHGCNWPDQLLDSCNPEAVVGFK	AGAP000986-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	144	5.69E-14	1	2656.232	1.39	Head	X:-:18926429-18926361	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_42290	FATDQTPLSTPGCEYLFGVYPDAAECSTSYHK	AGAP000986-PA	C13(Carbamidomethyl), C26(Carbamidomethyl)	48	0.000121392	3	3612.602	2.26	Pupa	X:-:18926585-18926490	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_46234	FATDQTPLSTPGCEYLFGVYPDAAECSTSYHK	AGAP000986-PA	C13(Carbamidomethyl), C26(Carbamidomethyl)	93	3.72E-09	1	3612.599	1.65	Head	X:-:18926585-18926490	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_46409	LITCVDGHPR	AGAP000986-PA	C4(Carbamidomethyl)	65	4.93E-06	1	1167.595	0.91	Head	X:-:18926276-18926247	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_51407	KFATDQTPLSTPGCEYLFGVYPDAAECSTSYHK	AGAP000986-PA	C14(Carbamidomethyl), C27(Carbamidomethyl)	96	2.30E-09	1	3740.708	5.2	Larva	X:-:18926588-18926490	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_51626	CPQSVPSGTVAAR	AGAP000986-PA	C1(Carbamidomethyl)	50	0.000121246	1	1329.662	2.74	Larva	X:-:18926360-18926322	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_51992	GAVHNHCNYNWAVDCGSR	AGAP000986-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	73	2.29E-07	1	2116.882	-0.02	Head	X:-:18926642-18926589	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_52545	IHGCNWPDQLLDSCNPEAVVGFK	AGAP000986-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	121	1.09E-11	1	2656.243	5.53	Larva	X:-:18926429-18926361	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_66109	LITCVDGHPR	AGAP000986-PA	C4(Carbamidomethyl)	46	0.000396748	1	1167.599	4.26	Larva	X:-:18926276-18926247	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_68644	VFNEESLTCENPEDVPHACR	AGAP000986-PA	C9(Carbamidomethyl), C19(Carbamidomethyl)	120	6.63E-12	1	2403.044	4.17	Larva	X:-:18926222-18926163	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_80463	CAFGEVHQELCEPGLVYDHR	AGAP000986-PA	C1(Carbamidomethyl), Q8(Deamidated), C11(Carbamidomethyl),"C1(Carbamidomethyl), C11(Carbamidomethyl)"	128	1.74E-12	1	2416.075	-2.48	Head	X:-:18926489-18926430	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_81800	GAVHNHCNYNWAVDCGSR	AGAP000986-PA	C7(Carbamidomethyl), C15(Carbamidomethyl)	43	0.000217117	1	2116.889	3.27	Larva	X:-:18926642-18926589	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_91506	CPQSVPSGTVAAR	AGAP000986-PA	C1(Carbamidomethyl)	50	0.000125147	1	1329.660	1.64	Pupa	X:-:18926360-18926322	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_91617	YPVPGDCHR	AGAP000986-PA	C7(Carbamidomethyl)	36	0.00169504	1	1100.496	1.74	Pupa	X:-:18926303-18926277	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_97003	KFATDQTPLSTPGCEYLFGVYPDAAECSTSYHK	AGAP000986-PA	C14(Carbamidomethyl), C27(Carbamidomethyl)	97	1.87E-09	1	3740.706	4.61	Pupa	X:-:18926588-18926490	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_97053	VFNEESLTCENPEDVPHACR	AGAP000986-PA	C9(Carbamidomethyl), C19(Carbamidomethyl)	120	5.43E-12	1	2403.039	2.11	Pupa	X:-:18926222-18926163	exon=> In CDS Exon 2 of transcript AGAP000986-PA

JHU_Ag_99132	YPVPGDCHR	AGAP000986-PA	C7(Carbamidomethyl)	32	0.004460058	2	1100.494	0.08	Head	X:-:18926303-18926277	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_108500	FATDQTPLSTPGCEYLFGVYPDAAECSTSYHK	AGAP000986-PA	C13(Carbamidomethyl), C26(Carbamidomethyl)	63	4.11E-06	1	3612.624	8.34	Larva	X:-:18926585-18926490	exon=> In CDS Exon 2 of transcript AGAP000986-PA
JHU_Ag_18776	QNGFFPHPDSSICNIFYNCINGR	AGAP000987-PA	C13(Carbamidomethyl), C19(Carbamidomethyl)	65	2.82E-06	1	2757.232	0.67	Head	X:-:18934567-18934499	exon=> In CDS Exon 3 of transcript AGAP000987-PA
JHU_Ag_19419	FYICLNGIEPR	AGAP000987-PA	C4(Carbamidomethyl), N6(Deamidated)	42	0.001101614	2	1382.682	3.22	Pupa	X:-:18934215-18934183	exon=> In CDS Exon 4 of transcript AGAP000987-PA
JHU_Ag_25531	VKEQLCPDGLVFNPASK	AGAP000987-PA	C6(Carbamidomethyl)	51	0.000131819	3	1901.980	0.7	Head	X:-:18934790-18934740	exon=> In CDS Exon 2 of transcript AGAP000987-PA
JHU_Ag_48939	ELEMTCVAGLHFYEPTGTCVWPDMANR	AGAP000987-PA	M4(Oxidation), C6(Carbamidomethyl), C19(Carbamidomethyl), M24(Oxidation)	99	7.77E-10	1	3216.393	1.18	Pupa	X:-:18934498-18934418	exon=> In CDS Exon 3 of transcript AGAP000987-PA
JHU_Ag_58643	NGQIITHPNYPHPDDCQR	AGAP000987-PA	C16(Carbamidomethyl)	67	2.26E-06	1	2161.984	0.3	Head	X:-:18934269-18934216	exon=> In CDS Exon 4 of transcript AGAP000987-PA
JHU_Ag_60798	EQLCPDGLVFNPASK	AGAP000987-PA	C4(Carbamidomethyl)	70	1.46E-06	2	1674.819	1.71	Head	X:-:18934784-18934740	exon=> In CDS Exon 2 of transcript AGAP000987-PA
JHU_Ag_117564	ELEMTCVAGLHFYEPTGTCVWPDMANR	AGAP000987-PA	M4(Oxidation), C6(Carbamidomethyl), C19(Carbamidomethyl), M24(Oxidation)	100	6.95E-10	1	3216.392	0.72	Head	X:-:18934498-18934418	exon=> In CDS Exon 3 of transcript AGAP000987-PA
JHU_Ag_34035	KLNDGFQCPK	AGAP000987-PA,AGAP000988-PA	C8(Carbamidomethyl)	58	2.67E-05	1	1206.593	-0.26	Pupa	X:-:18934320-18934291;X:-:18937957-18937928	exon=> In CDS Exon 4 of transcript AGAP000987-PA;exon=> In CDS Exon 4 of transcript AGAP000988-PA
JHU_Ag_37960	LNDGFQCPK	AGAP000987-PA,AGAP000988-PA	C7(Carbamidomethyl)	47	0.000238075	2	1078.498	-0.97	Head	X:-:18934317-18934291;X:-:18937954-18937928	exon=> In CDS Exon 4 of transcript AGAP000987-PA;exon=> In CDS Exon 4 of transcript AGAP000988-PA
JHU_Ag_45660	KLNDGFQCPK	AGAP000987-PA,AGAP000988-PA	C8(Carbamidomethyl)	61	1.31E-05	2	1206.589	-3.6	Head	X:-:18934320-18934291;X:-:18937957-18937928	exon=> In CDS Exon 4 of transcript AGAP000987-PA;exon=> In CDS Exon 4 of transcript AGAP000988-PA
JHU_Ag_652	MVYNEDLQR	AGAP000988-PA	M1(Oxidation)	56	2.87E-05	2	1183.543	1.39	Larva	X:-:18937801-18937775	exon=> In CDS Exon 4 of transcript AGAP000988-PA
JHU_Ag_1156	FELQPAQGTTDYCPR	AGAP000988-PA	C13(Carbamidomethyl)	108	1.93E-10	1	1782.812	0.11	Head	X:-:18938399-18938584,18938060-18938235	exon=> In CDS Exon 3 and 2 of transcript AGAP000988-PA
JHU_Ag_8619	GQFEDPVQCDK	AGAP000988-PA	C9(Carbamidomethyl)	40	0.000586598	2	1322.571	2	Larva	X:-:18938555-18938523	exon=> In CDS Exon 2 of transcript AGAP000988-PA
JHU_Ag_40649	CDDPENVPECK	AGAP000988-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	43	6.55E-05	2	1362.532	1.5	Pupa	X:-:18937774-18937959,18937587-18937623	exon=> In CDS Exon 5 and 4 of transcript AGAP000988-PA
JHU_Ag_43053	SGTCVWPDVAAR	AGAP000988-PA	C4(Carbamidomethyl)	47	0.000276887	2	1318.623	1.93	Larva	X:-:18938120-18938085	exon=> In CDS Exon 3 of transcript AGAP000988-PA
JHU_Ag_46592	CDQPFNVDCGDRFELQPAQGTTDYCPR	AGAP000988-PA	C1(Carbamidomethyl), C9(Carbamidomethyl), C25(Carbamidomethyl)	69	5.50E-07	1	3246.372	1.29	Head	X:-:18938435-18938584,18938060-18938235	exon=> In CDS Exon 3 and 2 of transcript AGAP000988-PA
JHU_Ag_48775	CDDPENVPECK	AGAP000988-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	67	2.24E-07	2	1362.532	1.05	Head	X:-:18937774-18937959,18937587-18937623	exon=> In CDS Exon 5 and 4 of transcript AGAP000988-PA
JHU_Ag_57053	GQFEDPVQCDK	AGAP000988-PA	C9(Carbamidomethyl)	51	4.37E-05	2	1322.568	-0.03	Pupa	X:-:18938555-18938523	exon=> In CDS Exon 2 of transcript AGAP000988-PA

JHU_Ag_68789	SGTCVWPDVAAR	AGAP000988-PA	C4(Carbamidomethyl)	65	3.76E-06	1	1318.620	-1.03	Head	X:-:18938120-18938085	exon=> In CDS Exon 3 of transcript AGAP000988-PA
JHU_Ag_69866	FELQPAQGTTDYCPR	AGAP000988-PA	C13(Carbamidomethyl)	98	2.24E-09	1	1782.821	5.38	Larva	X:-:18938399-18938584,18938060-18938235	exon=> In CDS Exon 3 and 2 of transcript AGAP000988-PA
JHU_Ag_79402	NGQVITHPNYPHPSDCSQFYYCLNGIEPR	AGAP000988-PA	C16(Carbamidomethyl), C22(Carbamidomethyl)	123	5.20E-12	1	3463.565	1.96	Head	X:-:18937909-18937823	exon=> In CDS Exon 4 of transcript AGAP000988-PA
JHU_Ag_87731	YYVCDEGEATEK	AGAP000988-PA	C4(Carbamidomethyl)	96	7.32E-10	1	1463.600	0.24	Head	X:-:18938522-18938487	exon=> In CDS Exon 2 of transcript AGAP000988-PA
JHU_Ag_93431	FELQPAQGTTDYCPR	AGAP000988-PA	C13(Carbamidomethyl)	88	2.24E-08	1	1782.815	2.02	Pupa	X:-:18938399-18938584,18938060-18938235	exon=> In CDS Exon 3 and 2 of transcript AGAP000988-PA
JHU_Ag_101115	SGTCVWPDVAAR	AGAP000988-PA	C4(Carbamidomethyl)	64	5.37E-06	1	1318.623	1.65	Pupa	X:-:18938120-18938085	exon=> In CDS Exon 3 of transcript AGAP000988-PA
JHU_Ag_103706	MVYNEDLQR	AGAP000988-PA	M1(Oxidation)	53	4.82E-05	2	1183.540	-0.77	Head	X:-:18937801-18937775	exon=> In CDS Exon 4 of transcript AGAP000988-PA
JHU_Ag_106897	MVYNEDLQR	AGAP000988-PA	M1(Oxidation)	65	3.10E-06	1	1183.541	-0.05	Pupa	X:-:18937801-18937775	exon=> In CDS Exon 4 of transcript AGAP000988-PA
JHU_Ag_110641	YYVCDEGEATEK	AGAP000988-PA	C4(Carbamidomethyl)	93	1.63E-09	1	1463.599	-0.26	Pupa	X:-:18938522-18938487	exon=> In CDS Exon 2 of transcript AGAP000988-PA
JHU_Ag_115010	LCPDGLVFDPTIK	AGAP000988-PA	C2(Carbamidomethyl)	90	1.39E-08	1	1474.764	1.86	Pupa	X:-:18938486-18938448	exon=> In CDS Exon 2 of transcript AGAP000988-PA
JHU_Ag_116830	LCPDGLVFDPTIK	AGAP000988-PA	C2(Carbamidomethyl)	64	6.01E-06	1	1474.762	0.28	Head	X:-:18938486-18938448	exon=> In CDS Exon 2 of transcript AGAP000988-PA
JHU_Ag_6068	FYVCLNGVEPR	AGAP000989-PA	C4(Carbamidomethyl)	59	2.09E-05	1	1353.663	0.99	Pupa	X:-:18943506-18943474	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_13852	DLGCQVGEVYNEETER	AGAP000989-PA	C4(Carbamidomethyl)	151	5.13E-15	1	1897.824	0.43	Head	X:-:18943473-18943426	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_25711	CDQPFNVDCGNREELQPPR	AGAP000989-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	59	9.87E-06	1	2331.027	1.15	Head	X:-:18944011-18944163,18943665-18943872	exon=> In CDS Exon 3 and 2 of transcript AGAP000989-PA
JHU_Ag_32839	TDEAGQVVAHPK	AGAP000989-PA	-	61	1.20E-05	2	1251.637	3.13	Pupa	X:-:18943569-18943534	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_41073	LCPDGLVFDPTIR	AGAP000989-PA	C2(Carbamidomethyl)	38	0.002471702	1	1502.762	-3.49	Pupa	X:-:18944062-18944024	exon=> In CDS Exon 2 of transcript AGAP000989-PA
JHU_Ag_41823	YAHPTDCQR	AGAP000989-PA	C7(Carbamidomethyl)	64	1.32E-06	1	1147.488	-5.98	Head	X:-:18943533-18943507	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_49578	FYECVDGR	AGAP000989-PA	C4(Carbamidomethyl)	40	0.000207361	2	1045.438	-2.76	Head	X:-:18944098-18944075	exon=> In CDS Exon 2 of transcript AGAP000989-PA
JHU_Ag_59479	CDAPENVPGCEDWYK	AGAP000989-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	61	1.25E-06	2	1839.732	0.42	Head	X:-:18943425-18943599,18943236-18943260	exon=> In CDS Exon 5 and 4 of transcript AGAP000989-PA
JHU_Ag_64062	LCPDGLVFDPTIR	AGAP000989-PA	C2(Carbamidomethyl)	76	4.56E-07	1	1502.769	1.3	Head	X:-:18944062-18944024	exon=> In CDS Exon 2 of transcript AGAP000989-PA
JHU_Ag_69904	FYVCLNGVEPR	AGAP000989-PA	C4(Carbamidomethyl)	66	3.52E-06	1	1353.662	-0.09	Head	X:-:18943506-18943474	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_75268	DGQYEDPVQCDK	AGAP000989-PA	Q9(Deamidated), C10(Carbamidomethyl),C10(Carbamidomethyl)	102	1.44E-10	1	1453.593	1.73	Head	X:-:18944134-18944099	exon=> In CDS Exon 2 of transcript AGAP000989-PA
JHU_Ag_78678	TDEAGQVVAHPK	AGAP000989-PA	Q6(Deamidated)	90	1.54E-08	1	1252.617	-0.19	Head	X:-:18943569-18943534	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_89946	DQKTDEAGQVVAHPK	AGAP000989-PA	-	94	6.58E-09	2	1622.815	0.93	Head	X:-:18943578-18943534	exon=> In CDS Exon 4 of transcript AGAP000989-PA

JHU_Ag_95688	TDEAGQVVAHPK	AGAP000989-PA	-	80	1.63E-07	1	1251.637	3.62	Larva	X:-:18943569-18943534	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_98909	DGQYEDPVQCDK	AGAP000989-PA	C10(Carbamidomethyl)	60	2.04E-06	1	1453.590	0.06	Pupa	X:-:18944134-18944099	exon=> In CDS Exon 2 of transcript AGAP000989-PA
JHU_Ag_99191	DLGCQVGEVYNEETER	AGAP000989-PA	C4(Carbamidomethyl)	117	1.36E-11	1	1897.824	0.37	Pupa	X:-:18943473-18943426	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_107201	LCPDGLVFDPTIRK	AGAP000989-PA	C2(Carbamidomethyl)	68	2.66E-06	1	1630.862	-0.07	Head	X:-:18944062-18944021	exon=> In CDS Exon 2 of transcript AGAP000989-PA
JHU_Ag_107695	DQKTDEAGQVVAHPK	AGAP000989-PA	Q9(Deamidated)	106	3.82E-10	1	1622.819	3.19	Pupa	X:-:18943578-18943534	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_108477	DQKTDEAGQVVAHPK	AGAP000989-PA	-	70	1.67E-06	1	1622.819	3.52	Larva	X:-:18943578-18943534	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_114833	DLGCQVGEVYNEETER	AGAP000989-PA	C4(Carbamidomethyl)	59	9.67E-06	2	1897.832	4.55	Larva	X:-:18943473-18943426	exon=> In CDS Exon 4 of transcript AGAP000989-PA
JHU_Ag_4100	ASNPADPASVTR	AGAP000994-PA	-	75	3.20E-07	1	1185.587	0.89	Malpighian tubule	X:+:18984636-18984671	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_4942	NLGYLTSEQALADFALVLR	AGAP000994-PA	-	115	2.13E-11	1	2094.127	1.81	Malpighian tubule	X:+:18983409-18983465	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_5490	IKYPHLVAGAIAASAPVR	AGAP000994-PA	-	42	9.38E-05	1	1834.075	2.9	Salivary gland	X:+:18983556-18983609	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_6292	ASNPADPASVTR	AGAP000994-PA	-	49	0.000147704	1	1185.586	-0.14	Salivary gland	X:+:18984636-18984671	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_13191	IVLIPEGAHHLDLR	AGAP000994-PA	-	69	5.92E-07	1	1582.909	1.59	Pupa	X:+:18984594-18984635	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_20021	IVLIPEGAHHLDLR	AGAP000994-PA	-	46	9.88E-05	1	1582.906	-0.2	Ovary	X:+:18984594-18984635	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_25534	ASNPADPASVTR	AGAP000994-PA	-	53	5.62E-05	2	1185.586	-0.24	Midgut	X:+:18984636-18984671	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_33547	IVLIPEGAHHLDLR	AGAP000994-PA	-	60	3.77E-06	1	1582.907	0.11	Salivary gland	X:+:18984594-18984635	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_39569	IKYPHLVAGAIAASAPVR	AGAP000994-PA	-	62	9.94E-07	1	1834.075	2.6	Head	X:+:18983556-18983609	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_43633	AVHVQNIQK	AGAP000994-PA	-	60	6.50E-06	1	1036.590	0.05	Pupa	X:+:18984678-18984704	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_46729	IKYPHLVAGAIAASAPVR	AGAP000994-PA	-	26	0.004639636	3	1834.073	1.9	Ovary	X:+:18983556-18983609	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_54938	AVHVQNIQK	AGAP000994-PA	-	73	3.55E-07	1	1036.589	-0.89	Malpighian tubule	X:+:18984678-18984704	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_61954	ATLLFVEHR	AGAP000994-PA	-	45	0.000274462	1	1085.610	-0.44	Ovary	X:+:18983331-18983357	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_67055	IKYPHLVAGAIAASAPVR	AGAP000994-PA	-	57	3.41E-06	1	1834.071	0.8	Pupa	X:+:18983556-18983609	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_70437	NLGYLTSEQALADFALVLR	AGAP000994-PA	-	95	2.30E-09	1	2094.126	1.29	Ovary	X:+:18983409-18983465	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_70935	IVLIPEGAHHLDLR	AGAP000994-PA	-	43	0.000239338	1	1582.909	1.88	Head	X:+:18984594-18984635	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_80076	IVLIPEGAHHLDLR	AGAP000994-PA	-	60	5.13E-06	1	1582.908	1.04	Malpighian tubule	X:+:18984594-18984635	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_83707	IVLIPEGAHHLDLR	AGAP000994-PA	-	60	3.74E-06	1	1582.907	0.34	Midgut	X:+:18984594-18984635	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_86367	TIDVPIDHFTYTGEATFK	AGAP000994-PA	-	81	1.13E-07	1	2055.013	3.14	Malpighian tubule	X:+:18983044-18983097	exon=> In CDS Exon 1 of transcript AGAP000994-PA
JHU_Ag_87481	TIDVPIDHFTYTGEATFK	AGAP000994-PA	-	43	0.000744478	1	2055.003	-1.85	Ovary	X:+:18983044-18983097	exon=> In CDS Exon 1 of transcript AGAP000994-PA
JHU_Ag_89472	IKYPHLVAGAIAASAPVR	AGAP000994-PA	-	31	0.001350467	3	1834.073	1.7	Malpighian tubule	X:+:18983556-18983609	exon=> In CDS Exon 2 of transcript AGAP000994-PA

JHU_Ag_89962	ASNPADPASVTR	AGAP000994-PA	-	73	4.74E-07	1	1185.586	0.17	Pupa	X:+:18984636-18984671	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_102364	TIDVPIDHFTYTGEATFK	AGAP000994-PA	-	88	2.26E-08	1	2055.011	1.72	Pupa	X:+:18983044-18983097	exon=> In CDS Exon 1 of transcript AGAP000994-PA
JHU_Ag_102762	TIDVPIDHFTYTGEATFK	AGAP000994-PA	-	93	7.31E-09	1	2055.004	-1.26	Midgut	X:+:18983044-18983097	exon=> In CDS Exon 1 of transcript AGAP000994-PA
JHU_Ag_108433	ASNPADPASVTR	AGAP000994-PA	-	62	7.66E-06	1	1185.588	1.82	Head	X:+:18984636-18984671	exon=> In CDS Exon 3 of transcript AGAP000994-PA
JHU_Ag_109620	ATLLFVEHR	AGAP000994-PA	-	45	0.000299324	1	1085.608	-1.89	Salivary gland	X:+:18983331-18983357	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_115187	IKYPHLVAGAIAASAPVR	AGAP000994-PA	-	24	0.006857593	1	1834.068	-1	Midgut	X:+:18983556-18983609	exon=> In CDS Exon 2 of transcript AGAP000994-PA
JHU_Ag_25571	NPLWTLGTPVTSDIFK	AGAP000995-PA	-	64	4.86E-06	1	1788.953	-0.19	Ovary	X:-:18984941-18984894	exon=> In CDS Exon 3 of transcript AGAP000995-PA
JHU_Ag_108185	FVLNTDNTSTGIR	AGAP000995-PA	-	83	7.58E-08	1	1437.734	0.45	Midgut	X:-:18985148-18985110	exon=> In CDS Exon 2 of transcript AGAP000995-PA
JHU_Ag_98735	VAGLNCIIITDR	AGAP000997-PA	C6(Carbamidomethyl)	46	0.000258246	2	1344.732	1.4	Head	X:-:18996858-18996823	exon=> In CDS Exon 2 of transcript AGAP000997-PA
JHU_Ag_44429	KITLGYEPR	AGAP000998-PA	-	36	0.001999936	2	1076.612	2.04	Malpighian tubule	X:+:19000559-19000585	exon=> In CDS Exon 1 of transcript AGAP000998-PA
JHU_Ag_54751	LNLLK	AGAP000999-PA	-	30	0.005226321	1	600.410	2.76	Larva	X:-:19003162-19003148	exon=> In CDS Exon 3 of transcript AGAP000999-PA
JHU_Ag_96625	LNLLK	AGAP000999-PA	-	32	0.003397786	1	600.407	-1	Midgut	X:-:19003162-19003148	exon=> In CDS Exon 3 of transcript AGAP000999-PA
JHU_Ag_4556	LPATIFDALPK	AGAP001004-PA	-	71	7.11E-07	2	1185.687	-0.46	Ovary	X:-:19060433-19060401	exon=> In CDS Exon 1 of transcript AGAP001004-PA
JHU_Ag_36172	RYDFEQIPQLSIGDTNR	AGAP001004-PA	-	44	0.000747331	1	2052.009	-2.65	Ovary	X:-:19060751-19060701	exon=> In CDS Exon 1 of transcript AGAP001004-PA
JHU_Ag_40820	ELDLSSNWLTAVPR	AGAP001004-PA	-	72	8.30E-07	2	1600.836	1.93	Ovary	X:-:19059425-19059384	exon=> In CDS Exon 2 of transcript AGAP001004-PA
JHU_Ag_44642	LSHNQIGELSAVALQALTK	AGAP001004-PA	-	47	8.46E-05	3	1993.106	-0.73	Ovary	X:-:19059803-19061021,19058118-19059675	exon=> In CDS Exon 2 and 1 of transcript AGAP001004-PA
JHU_Ag_48012	ALQVLQLQHNQLTGLPAGLLR	AGAP001004-PA	-	44	2.53E-05	1	2283.331	0.76	Ovary	X:-:19059893-19059831	exon=> In CDS Exon 1 of transcript AGAP001004-PA
JHU_Ag_60455	ELLCELDTPSTAIR	AGAP001004-PA	C4(Carbamidomethyl)	57	4.07E-05	2	1617.815	-0.51	Ovary	X:-:19058996-19058955	exon=> In CDS Exon 2 of transcript AGAP001004-PA
JHU_Ag_106183	DLLLNTHELQR	AGAP001004-PA	-	50	6.08E-05	1	1351.733	0.41	Ovary	X:-:19059383-19059351	exon=> In CDS Exon 2 of transcript AGAP001004-PA
JHU_Ag_50582	GPSPANPDHLVVSR	AGAP001007-PA	-	38	0.00247685	1	1445.750	0.54	Ovary	X:-:19110932-19110891	exon=> In CDS Exon 1 of transcript AGAP001007-PA
JHU_Ag_72736	NYEEVALR	AGAP001010-PA	-	35	0.005031881	1	993.501	1.13	Pupa	X:-:19264916-19264893	exon=> In CDS Exon 6 of transcript AGAP001010-PA
JHU_Ag_53933	EGPVAEEGANSVELSR	AGAP001011-PA	-	71	1.10E-06	1	1643.795	4.87	Malpighian tubule	X:-:19353882-19353835	exon=> In CDS Exon 4 of transcript AGAP001011-PA
JHU_Ag_70504	LPFELLLK	AGAP001011-PA	-	45	0.000100322	1	972.613	0.27	Malpighian tubule	X:-:19354278-19354255	exon=> In CDS Exon 4 of transcript AGAP001011-PA
JHU_Ag_98507	LQPVLAQMLEDIAR	AGAP001011-PA	-	99	9.61E-10	2	1596.875	-2.08	Midgut	X:-:19354750-19354709	exon=> In CDS Exon 3 of transcript AGAP001011-PA
JHU_Ag_39581	LLQQQQMVLQR	AGAP001014-PA	Q3(Deamidated), Q4(Deamidated)	33	0.005373015	1	1386.760	13.72	Malpighian tubule	X:+:19409137-19409169	exon=> In CDS Exon 1 of transcript AGAP001014-PA

JHU_Ag_32329	TVMMVSCVLNALFNMIEK	AGAP001015-PA	M3(Oxidation), M4(Oxidation), C7(Carbamidomethyl), N10(Deamidated), N14(Deamidated), M15(Oxidation)	35	0.003425294	1	2149.968	-9.82	Salivary gland	X:-:19514222-19514169	exon=> In CDS Exon 5 of transcript AGAP001015-PA
JHU_Ag_37694	EIEESLDTASPYGRR	AGAP001018-PA	-	37	0.002716295	1	1722.820	-5.45	Head	X:+:19573235-19573279	exon=> In CDS Exon 2 of transcript AGAP001018-PA
JHU_Ag_1274	LTPNITDIVSIAQAAK	AGAP001021-PB	-	82	2.50E-08	2	1654.946	5.42	Head	X:-:19598484-19598437	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_4258	IALLGGGPASLSCATFLGR	AGAP001021-PB	C13(Carbamidomethyl)	106	1.85E-10	1	1861.011	5.92	Larva	X:-:19602326-19602270	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_5269	GVTAGQHYGPQQGAFLNIELISEK	AGAP001021-PB	-	50	0.00010102	1	2557.311	2.49	Head	X:-:19598835-19598764	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_6194	SYLGGLSSAEIPQYR	AGAP001021-PB	-	76	3.91E-07	1	1640.830	1.2	Ovary	X:-:19602233-19602189	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_7762	TESATPAAVPR	AGAP001021-PB	-	52	5.12E-05	2	1099.576	1.33	Larva	X:-:19597854-19597822	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_9662	SYLGGLSSAEIPQYR	AGAP001021-PB	-	68	2.60E-06	1	1640.830	1.28	Pupa	X:-:19602233-19602189	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_13462	LTPNITDIVSIAQAAK	AGAP001021-PB	-	99	5.34E-10	2	1654.942	2.47	Malpighian tubule	X:-:19598484-19598437	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_14374	LQHGPLWDPCAAEPGTNGHAPVR	AGAP001021-PB	C10(Carbamidomethyl), N17(Deamidated)	46	0.0004627	1	2481.183	4.16	Malpighian tubule	X:-:19597923-19597855	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_24334	TEQDETGNWVEDQDQITR	AGAP001021-PB	-	69	9.43E-07	2	2163.946	1.5	Malpighian tubule	X:-:19601657-19601604	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_25819	TQQTSLPAVFCGGDLAGAAETTVESVNDGK	AGAP001021-PB	C11(Carbamidomethyl)	39	0.001590414	3	3023.416	-3.6	Ovary	X:-:19599201-19599112	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_25883	AFEQGWGFAVTK	AGAP001021-PB	-	73	6.51E-07	2	1340.665	1.33	Ovary	X:-:19598925-19598890	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_27026	ALLYLR	AGAP001021-PB	-	28	0.001712765	2	748.473	1.7	Malpighian tubule	X:-:19598106-19598089	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_30275	LPVEVVNFEVDLVK	AGAP001021-PB	-	94	2.12E-09	1	1599.903	2.15	Head	X:-:19602188-19602147	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_31463	VKDVLGGALPR	AGAP001021-PB	-	52	1.43E-05	1	1124.683	3.64	Malpighian tubule	X:-:19597821-19597789	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_32161	QSAKLPTLNGNVIVLGAGDTAFDCATSALR	AGAP001021-PB	C24(Carbamidomethyl)	46	0.000186706	3	3060.587	2.87	Malpighian tubule	X:-:19601918-19601829	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_36921	LGYRDVTVYER	AGAP001021-PB	-	45	0.000377719	1	1370.711	3.4	Malpighian tubule	X:-:19602269-19602237	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_44554	IALLGGGPASLSCATFLGR	AGAP001021-PB	C13(Carbamidomethyl)	148	1.37E-14	1	1861.010	5.07	Malpighian tubule	X:-:19602326-19602270	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_54491	IALLGGGPASLSCATFLGR	AGAP001021-PB	C13(Carbamidomethyl)	106	2.11E-10	1	1861.004	1.99	Visceras	X:-:19602326-19602270	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_55468	DLPDIESLLALNPR	AGAP001021-PB	-	70	7.31E-07	1	1565.855	1.18	Malpighian tubule	X:-:19604100-19604130,19601549-19602819	exon=> In CDS Exon 2 and 1 of transcript AGAP001021-PB
JHU_Ag_56910	TFALDKDMVTNVSPR	AGAP001021-PB	M8(Oxidation)	46	0.000413834	2	1709.858	3.31	Malpighian tubule	X:-:19598889-19598845	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_58030	ANPPPEALPWDGQSPPAAK	AGAP001021-PB	-	36	0.004141185	1	1942.974	4.15	Malpighian tubule	X:-:19598088-19598032	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_58273	GLLDGGVDAVFLGIGLPQPK	AGAP001021-PB	-	36	0.000775172	1	1966.109	4.04	Malpighian tubule	X:-:19602086-19602027	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_61781	TEQDETGNWVEDQDQITR	AGAP001021-PB	-	118	1.30E-11	1	2163.943	0.26	Ovary	X:-:19601657-19601604	exon=> In CDS Exon 2 of transcript AGAP001021-PB

JHU_Ag_65539	TTYGGVSGNATRPQAMR	AGAP001021-PB	M16(Oxidation)	37	0.003567913	1	1782.856	0.53	Head	X:-:19598334-19598284	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_67493	ALSAQDLTVR	AGAP001021-PB	-	49	0.000231778	2	1073.599	3.65	Malpighian tubule	X:-:19602116-19602087	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_68362	TESATPAAVPR	AGAP001021-PB	-	41	0.000716088	2	1099.577	2.77	Malpighian tubule	X:-:19597854-19597822	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_69513	LPVEVVNFEVDLVK	AGAP001021-PB	-	39	0.000534298	2	1599.911	7.34	Malpighian tubule	X:-:19602188-19602147	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_73300	LTPNITDIVSIAQAAK	AGAP001021-PB	-	41	0.000310071	2	1654.942	2.62	Pupa	X:-:19598484-19598437	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_73398	IALLGGGPASLSCATFLGR	AGAP001021-PB	C13(Carbamidomethyl)	81	6.58E-08	2	1861.002	0.74	Pupa	X:-:19602326-19602270	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_75314	GQADGVSAINTVQGLMSLR	AGAP001021-PB	M16(Oxidation)	70	1.36E-06	2	1932.991	5.07	Malpighian tubule	X:-:19598433-19598377	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_79486	VDRVFEGLTEEHGFYTSK	AGAP001021-PB	-	80	1.70E-07	1	2114.025	2.9	Malpighian tubule	X:-:19602026-19601973	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_81293	SCTSCTPLTNDFSDIKHTTLSER	AGAP001021-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	48	0.000190704	1	2670.224	3.9	Malpighian tubule	X:-:19602740-19602672	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_85195	SFITSIANR	AGAP001021-PB	-	36	0.003156113	1	1008.549	2.04	Malpighian tubule	X:-:19602587-19602561	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_85300	SYLGGLSSAEIPQYR	AGAP001021-PB	-	73	7.24E-07	1	1640.837	5.44	Malpighian tubule	X:-:19602233-19602189	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_90325	LTPNITDIVSIAQAAK	AGAP001021-PB	-	114	1.50E-11	1	1654.939	0.85	Ovary	X:-:19598484-19598437	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_91657	SFITSIANR	AGAP001021-PB	-	40	0.001194204	2	1008.548	0.89	Ovary	X:-:19602587-19602561	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_93633	IAAMEFYRTEQDETGNWVEDQDQITR	AGAP001021-PB	M4(Oxidation)	84	4.36E-08	1	3161.417	1.64	Malpighian tubule	X:-:19601681-19601604	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_94720	TTYGGVSGNATRPQAMR	AGAP001021-PB	M16(Oxidation)	103	8.10E-10	1	1782.861	3.5	Malpighian tubule	X:-:19598334-19598284	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_100261	LPTLNGNVIVLGAGDTAFDCATSALR	AGAP001021-PB	C20(Carbamidomethyl)	55	2.83E-05	2	2646.377	8.14	Malpighian tubule	X:-:19601906-19601829	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_102199	SYLGGLSSAEIPQYR	AGAP001021-PB	-	65	4.19E-06	1	1640.827	-0.29	Head	X:-:19602233-19602189	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_106080	GRPNGSVAVHALSPSQ	AGAP001021-PB	N4(Deamidated)	48	0.00024436	2	1577.809	3.66	Malpighian tubule	X:-:19597374-19597327	exon=> In CDS Exon 5 of transcript AGAP001021-PB
JHU_Ag_108371	SFLPQVADGSKPGLCGCK	AGAP001021-PB	C15(Carbamidomethyl), C17(Carbamidomethyl)	41	0.001197198	1	1920.942	5.65	Malpighian tubule	X:-:19601972-19601919	exon=> In CDS Exon 2 of transcript AGAP001021-PB
JHU_Ag_112588	IPHVIK	AGAP001021-PB	-	19	0.005224684	1	706.461	0.08	Malpighian tubule	X:-:19597395-19597378	exon=> In CDS Exon 5 of transcript AGAP001021-PB
JHU_Ag_116808	AFEQGWGFAVTK	AGAP001021-PB	-	69	1.60E-06	2	1340.669	4.24	Malpighian tubule	X:-:19598925-19598890	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_117195	TESATPAAVPR	AGAP001021-PB	-	45	0.000254274	2	1099.575	0.66	Head	X:-:19597854-19597822	exon=> In CDS Exon 3 of transcript AGAP001021-PB
JHU_Ag_335	DKPSQVVFPQEMEYEPETKPLYSTLH	AGAP001023-PE	M12(Oxidation)	139	1.96E-13	1	3092.495	0.98	Visceras	X:-:19655109-19655032	exon=> In CDS Exon 4 of transcript AGAP001023-PE
JHU_Ag_1273	NHLAMIGMNETPNK	AGAP001023-PE	M5(Oxidation), M8(Oxidation)	56	3.02E-05	1	1601.740	-0.49	Visceras	X:-:19658192-19658151	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_7771	NHLAMIGMNETPNKK	AGAP001023-PE	M5(Oxidation), M8(Oxidation)	50	0.000149634	1	1729.839	1.63	Visceras	X:-:19658192-19658148	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_10436	DKPSQVVFPQEMEYEPETKPLYSTLH	AGAP001023-PE	M12(Oxidation)	109	1.93E-10	1	3092.492	-0.18	Head	X:-:19655109-19655032	exon=> In CDS Exon 4 of transcript AGAP001023-PE
JHU_Ag_12835	ETYGYSPRPIYDHHYTR	AGAP001023-PE	-	72	1.16E-06	1	2155.007	3.56	Ovary	X:-:19657823-19657773	exon=> In CDS Exon 2 of transcript AGAP001023-PE

JHU_Ag_15453	ETYGYSPRPIYDHHYTR	AGAP001023-PE	-	77	3.10E-07	1	2154.998	-0.4	Visceras	X:-:19657823-19657773	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_15684	YGLYLK	AGAP001023-PE	-	28	0.008635269	2	756.428	-1.05	Midgut	X:-:19655127-19655110	exon=> In CDS Exon 4 of transcript AGAP001023-PE
JHU_Ag_20860	RPILLFDEPDTAVGR	AGAP001023-PE	-	57	1.69E-05	2	1698.924	3.57	Ovary	X:-:19657907-19657863	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_21158	RPILLFDEPDTAVGR	AGAP001023-PE	-	92	6.21E-09	1	1698.914	-2.11	Midgut	X:-:19657907-19657863	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_23308	DKPSQVVFPQEMEYEPETKPLYSTLH	AGAP001023-PE	M12(Oxidation)	122	8.46E-12	1	3108.498	3.39	Malpighian tubule	X:-:19655109-19655032	exon=> In CDS Exon 4 of transcript AGAP001023-PE
JHU_Ag_38886	AKFWQSYIR	AGAP001023-PE	-	47	0.000187597	1	1198.639	1.51	Visceras	X:-:19658147-19658121	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_39339	RPILLFDEPDTAVGR	AGAP001023-PE	-	114	3.27E-11	1	1698.920	1.78	Head	X:-:19657907-19657863	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_43835	NHLAMIGMNETPNK	AGAP001023-PE	M5(Oxidation),M8(Oxidation),N1(Deamidated),"M5(Oxidation),M8(Oxidation)"	113	6.95E-11	1	1569.748	-1.8	Head	X:-:19658192-19658151	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_52610	ETYGYSPRPIYDHHYTR	AGAP001023-PE	-	107	3.55E-10	1	2154.999	0.07	Malpighian tubule	X:-:19657823-19657773	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_52934	AWADHLER	AGAP001023-PE	-	64	3.41E-06	1	997.486	0.78	Malpighian tubule	X:-:19657057-19657034	exon=> In CDS Exon 3 of transcript AGAP001023-PE
JHU_Ag_55933	AWADHLER	AGAP001023-PE	-	54	4.48E-05	1	997.483	-1.98	Head	X:-:19657057-19657034	exon=> In CDS Exon 3 of transcript AGAP001023-PE
JHU_Ag_56193	LADAEKAWADHLER	AGAP001023-PE	-	107	2.89E-10	1	1624.812	2.5	Malpighian tubule	X:-:19657075-19657034	exon=> In CDS Exon 3 of transcript AGAP001023-PE
JHU_Ag_57691	NHLAMIGMNETPNKK	AGAP001023-PE	M5(Oxidation),M8(Oxidation)	46	0.000374214	1	1729.840	2.06	Malpighian tubule	X:-:19658192-19658148	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_58371	INSPGYHYLPVHR	AGAP001023-PE	-	95	4.08E-09	1	1552.813	7.22	Ovary	X:-:19657862-19657824	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_59791	FWQSYIR	AGAP001023-PE	-	45	0.000307639	1	999.505	0.23	Head	X:-:19658141-19658121	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_60469	LADAEK	AGAP001023-PE	-	37	0.003623863	1	646.342	1.93	Visceras	X:-:19657075-19657058	exon=> In CDS Exon 3 of transcript AGAP001023-PE
JHU_Ag_67679	YGLYLK	AGAP001023-PE	-	33	0.003035939	2	756.429	0.25	Head	X:-:19655127-19655110	exon=> In CDS Exon 4 of transcript AGAP001023-PE
JHU_Ag_70409	INSPGYHYLPVHR	AGAP001023-PE	-	76	3.39E-07	1	1552.802	0.05	Midgut	X:-:19657862-19657824	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_70467	RPILLFDEPDTAVGR	AGAP001023-PE	-	97	1.66E-09	1	1698.918	0.37	Male reproductive organs	X:-:19657907-19657863	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_74540	FWQSYIR	AGAP001023-PE	-	54	3.97E-05	2	999.506	1.69	Visceras	X:-:19658141-19658121	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_74989	RPILLFDEPDTAVGRINSPGYHYLPVHR	AGAP001023-PE	-	96	9.41E-10	1	3232.716	4.61	Malpighian tubule	X:-:19657907-19657824	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_75748	ETYGYSPRPIYDHHYTR	AGAP001023-PE	-	98	2.29E-09	1	2154.996	-1.54	Head	X:-:19657823-19657773	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_81673	GSDDIRAHDTPAYR	AGAP001023-PE	-	69	1.63E-06	1	1573.737	0.68	Malpighian tubule	X:-:19658111-19658201,19657760-19657908	exon=> In CDS Exon 2 and 1 of transcript AGAP001023-PE
JHU_Ag_83527	INSPGYHYLPVHR	AGAP001023-PE	-	80	1.39E-07	1	1552.806	2.34	Visceras	X:-:19657862-19657824	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_86519	INSPGYHYLPVHR	AGAP001023-PE	N2(Deamidated)	95	4.69E-09	1	1552.805	1.95	Head	X:-:19657862-19657824	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_86705	INSPGYHYLPVHR	AGAP001023-PE	-	87	2.97E-08	1	1552.804	1.16	Malpighian tubule	X:-:19657862-19657824	exon=> In CDS Exon 2 of transcript AGAP001023-PE

JHU_Ag_89435	NHLAMIGMNETPNKK	AGAP001023-PE	N1(Deamidated), M8(Oxidation),"M8(Oxidation), N13(Deamidated)","M5(Oxidation), M8(Oxidation)"	51	0.000132057	1	1729.836	-0.06	Head	X:-:19658192-19658148	exon=> In CDS Exon 1 of transcript AGAP001023-PE
JHU_Ag_94452	AHDTPAYR	AGAP001023-PE	-	30	0.006083983	1	930.438	-4.89	Head	X:-:19657931-19657908	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_97935	RPILLFDEPDTAVGR	AGAP001023-PE	-	105	2.88E-10	1	1698.918	0.47	Visceras	X:-:19657907-19657863	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_107834	AHDTPAYR	AGAP001023-PE	-	34	0.002363522	1	930.442	-0.82	Malpighian tubule	X:-:19657931-19657908	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_108214	RPILLFDEPDTAVGR	AGAP001023-PE	-	111	6.24E-11	1	1698.923	3.28	Malpighian tubule	X:-:19657907-19657863	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_108529	AHDTPAYR	AGAP001023-PE	-	36	0.001533818	1	930.443	-0.23	Visceras	X:-:19657931-19657908	exon=> In CDS Exon 2 of transcript AGAP001023-PE
JHU_Ag_111928	YGLYLKDKPSQVVFPQEMEYEPETKPLYSTLH	AGAP001023-PE	M18(Oxidation)	69	1.27E-06	1	3845.901	0.56	Malpighian tubule	X:-:19655127-19655032	exon=> In CDS Exon 4 of transcript AGAP001023-PE
JHU_Ag_6727	VADFEDLLALHAVSGR	AGAP001026-PA	-	56	2.53E-05	3	1712.901	2.46	Head	X:-:19722571-19722524	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_11403	SGAAAVDGAAR	AGAP001026-PA	N-Term(Acetyl)	44	0.000401163	2	987.487	1.97	Ovary	X:-:19722823-19722826,19721522-19722725	exon=> In CDS Exon 2 and 1 of transcript AGAP001026-PA
JHU_Ag_12995	AIVVEGGIHAR	AGAP001026-PA	-	59	9.17E-06	1	1121.640	-2.18	Malpighian tubule	X:-:19722286-19722254	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_15598	AIVVEGGIHAR	AGAP001026-PA	-	48	0.000104551	2	1121.642	-0.88	Pupa	X:-:19722286-19722254	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_15709	GPPDSTDMFILPADQIRPVGK	AGAP001026-PA	M8(Oxidation)	88	2.39E-08	1	2270.151	0.82	Midgut	X:-:19721650-19721588	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_15866	GIAALTAVSGTSYR	AGAP001026-PA	-	80	8.14E-08	2	1366.733	0.56	Midgut	X:-:19721794-19721753	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_18507	EWISPATATFLLHELVTSEDPTVR	AGAP001026-PA	-	72	5.92E-07	1	2712.391	0.92	Malpighian tubule	X:-:19722253-19722182	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_20891	QPGQQLTIMVSASK	AGAP001026-PA	M9(Oxidation)	62	1.11E-05	2	1503.786	1.29	Malpighian tubule	X:-:19722613-19722572	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_21656	ETLAAFVAIVQEAAR	AGAP001026-PA	-	123	4.34E-12	1	1588.869	-0.31	Malpighian tubule	X:-:19721587-19721543	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_25602	ETLAAFVAIVQEAAR	AGAP001026-PA	-	103	5.30E-10	2	1588.868	-0.68	Midgut	X:-:19721587-19721543	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_25768	GIAALTAVSGTSYR	AGAP001026-PA	-	88	1.45E-08	2	1366.732	-0.16	Malpighian tubule	X:-:19721794-19721753	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_27953	GIAALTAVSGTSYR	AGAP001026-PA	-	77	1.52E-07	1	1366.742	6.63	Larva	X:-:19721794-19721753	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_33598	EWISPATATFLLHELVTSEDPTVR	AGAP001026-PA	-	66	2.64E-06	1	2712.390	0.85	Ovary	X:-:19722253-19722182	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_55960	SGAAAVDGAAR	AGAP001026-PA	N-Term(Acetyl)	64	4.28E-06	2	987.486	0.43	Malpighian tubule	X:-:19722823-19722826,19721522-19722725	exon=> In CDS Exon 2 and 1 of transcript AGAP001026-PA
JHU_Ag_59186	VADFEDLLALHAVSGR	AGAP001026-PA	-	98	1.82E-09	1	1712.908	6.89	Larva	X:-:19722571-19722524	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_61725	VADFEDLLALHAVSGR	AGAP001026-PA	-	110	1.15E-10	1	1712.898	0.53	Ovary	X:-:19722571-19722524	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_65460	ELGTAYDWFFFPIVNPDGYR	AGAP001026-PA	-	66	3.89E-06	1	2407.144	2.05	Malpighian tubule	X:-:19722181-19722122	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_68399	FPGAVSTLDIGTSYEGRPIR	AGAP001026-PA	-	75	3.99E-07	1	2136.107	-0.66	Midgut	X:-:19722379-19722320	exon=> In CDS Exon 2 of transcript AGAP001026-PA

JHU_Ag_69059	VADFEDLLALHAVSGR	AGAP001026-PA	-	72	7.03E-07	1	1712.901	2.25	Pupa	X:-:19722571-19722524	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_73363	FPGAVSTLDIGTSYEGRPIR	AGAP001026-PA	-	39	0.001500965	1	2136.111	1.06	Ovary	X:-:19722379-19722320	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_74486	GPPDSTDMFILPADQIRPVGK	AGAP001026-PA	M8(Oxidation)	129	1.77E-12	1	2270.167	7.92	Larva	X:-:19721650-19721588	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_83480	GIAALTAVSGTSYR	AGAP001026-PA	-	96	2.43E-09	2	1366.733	0.02	Ovary	X:-:19721794-19721753	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_83960	FPGAVSTLDIGTSYEGRPIR	AGAP001026-PA	-	55	3.43E-05	1	2136.118	4.4	Larva	X:-:19722379-19722320	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_85690	FPGAVSTLDIGTSYEGRPIR	AGAP001026-PA	-	47	0.000225143	1	2136.115	3.12	Pupa	X:-:19722379-19722320	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_86025	GPPDSTDMFILPADQIRPVGK	AGAP001026-PA	M8(Oxidation)	150	1.45E-14	1	2270.146	-1.35	Malpighian tubule	X:-:19721650-19721588	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_91138	VADFEDLLALHAVSGR	AGAP001026-PA	-	95	3.75E-09	1	1712.894	-1.45	Midgut	X:-:19722571-19722524	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_92166	SITEKGIAALTAVSGTSYR	AGAP001026-PA	-	81	7.01E-08	1	1925.038	1.88	Malpighian tubule	X:-:19721809-19721753	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_93282	SDSCTFYGHAR	AGAP001026-PA	C4(Carbamidomethyl)	60	3.85E-06	1	1300.538	0.36	Pupa	X:-:19722646-19722614	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_96289	VELATDEQVQLFQQLEAK	AGAP001026-PA	-	126	3.14E-12	1	2089.082	0.15	Malpighian tubule	X:-:19722700-19722647	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_96374	NMQQLIER	AGAP001026-PA	M2(Oxidation)	44	0.00080307	1	1047.529	3.25	Larva	X:-:19722511-19722488	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_96794	ELGTAYDWFFFPIVNPDGYR	AGAP001026-PA	-	43	0.000820677	1	2407.145	2.35	Ovary	X:-:19722181-19722122	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_99032	GPPDSTDMFILPADQIRPVGK	AGAP001026-PA	M8(Oxidation)	38	0.002300742	1	2270.151	0.82	Ovary	X:-:19721650-19721588	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_105209	VPNYDHLR	AGAP001026-PA	-	45	0.000309482	1	1013.518	1.64	Malpighian tubule	X:-:19721833-19721810	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_106082	VADFEDLLALHAVSGR	AGAP001026-PA	-	124	4.55E-12	1	1712.896	-0.53	Malpighian tubule	X:-:19722571-19722524	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_113919	VADFEDLLALHAVSGR	AGAP001026-PA	-	37	0.00217933	1	1712.898	0.75	Visceras	X:-:19722571-19722524	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_114740	GIAALTAVSGTSYR	AGAP001026-PA	-	58	1.53E-05	2	1366.735	1.9	Salivary gland	X:-:19721794-19721753	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_115299	FPGAVSTLDIGTSYEGRPIR	AGAP001026-PA	-	80	1.20E-07	1	2136.110	0.63	Malpighian tubule	X:-:19722379-19722320	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_115993	TYIALHSYSQLLMFPYGHTADR	AGAP001026-PA	M13(Oxidation)	131	1.12E-12	1	2600.259	-0.33	Malpighian tubule	X:-:19721899-19721834	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_117568	ELGTAYDWFFFPIVNPDGYR	AGAP001026-PA	-	75	5.60E-07	2	2407.138	-0.71	Midgut	X:-:19722181-19722122	exon=> In CDS Exon 2 of transcript AGAP001026-PA
JHU_Ag_6517	GAQYDENAEIEDLKQADEK	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	82	7.18E-08	1	2165.990	3	Larva	X:-:19727737-19727681;X:-:19727737-19727681;X:-:19727737-19727681	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_14462	GAQYDENAEIEDLK	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	88	1.86E-08	2	1594.727	2.68	Larva	X:-:19727737-19727696;X:-:19727737-19727696;X:-:19727737-19727696	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA

JHU_Ag_16065	VKAEAIPMLVAFR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	M8(Oxidation)	52	2.37E-05	1	1460.836	4.79	Larva	X:-:19727680-19727642;X:-:19727680-19727642;X:-:19727680-19727642	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_31232	YSEAASSLK	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	46	0.000241555	1	955.472	-0.75	Midgut	X:-:19727773-19727747;X:-:19727773-19727747;X:-:19727773-19727747	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_35247	AEAIPMLVAFR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	M6(Oxidation)	43	0.000668324	2	1233.673	5.72	Larva	X:-:19727674-19727642;X:-:19727674-19727642;X:-:19727674-19727642	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_39233	SLNNIQR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	N4(Deamidated)	45	0.000564982	2	845.451	3.94	Larva	X:-:19727041-19727021;X:-:19727041-19727021;X:-:19727041-19727021	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_43901	DERDERPAQVA	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	43	0.000686505	1	1285.622	7.04	Midgut	X:-:19726963-19726931;X:-:19726963-19726931;X:-:19726963-19726931	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_47490	FVVNNVAGESGR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	47	0.000336715	1	1248.636	1.89	Larva	X:-:19728461-19728426;X:-:19728461-19728426;X:-:19728461-19728426	exon=> In CDS Exon 2 of transcript AGAP001027-PC;exon=> In CDS Exon 1 of transcript AGAP001027-PB;exon=> In CDS Exon 2 of transcript AGAP001027-PA
JHU_Ag_61428	FVVNNVAGESGR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	57	3.20E-05	2	1248.635	1.4	Malpighian tubule	X:-:19728461-19728426;X:-:19728461-19728426;X:-:19728461-19728426	exon=> In CDS Exon 2 of transcript AGAP001027-PC;exon=> In CDS Exon 1 of transcript AGAP001027-PB;exon=> In CDS Exon 2 of transcript AGAP001027-PA
JHU_Ag_70129	FVVNNVAGESGR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	80	1.63E-07	2	1248.635	1.2	Midgut	X:-:19728461-19728426;X:-:19728461-19728426;X:-:19728461-19728426	exon=> In CDS Exon 2 of transcript AGAP001027-PC;exon=> In CDS Exon 1 of transcript AGAP001027-PB;exon=> In CDS Exon 2 of transcript AGAP001027-PA
JHU_Ag_85818	AEAIPMLVAFR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	M6(Oxidation)	42	0.00076273	2	1217.672	0.92	Midgut	X:-:19727674-19727642;X:-:19727674-19727642;X:-:19727674-19727642	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA

JHU_Ag_86504	GAQYDENAEIEDLK	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	51	7.50E-05	2	1594.717	-3.6	Malpighian tubule	X:-:19727737-19727696;X:-:19727737-19727696;X:-:19727737-19727696	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_92612	GAQYDENAEIEDLK	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	N7(Deamidated),Q3(Deamidated)	98	1.81E-09	1	1594.724	0.38	Midgut	X:-:19727737-19727696;X:-:19727737-19727696;X:-:19727737-19727696	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_93189	VKAEAIPMLVAFR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	M8(Oxidation)	61	3.27E-06	1	1444.836	0.99	Midgut	X:-:19727680-19727642;X:-:19727680-19727642;X:-:19727680-19727642	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_98947	GAQYDENAEIEDLKQADEK	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	139	1.31E-13	1	2165.985	0.92	Midgut	X:-:19727737-19727681;X:-:19727737-19727681;X:-:19727737-19727681	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_99502	LNADEPAGLPEPR	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	N2(Deamidated)	98	3.09E-09	2	1378.694	-1.32	Midgut	X:-:19727002-19726964;X:-:19727002-19726964;X:-:19727002-19726964	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_111805	YSEAASSLK	AGAP001027-PC,AGAP001027-PB,AGAP001027-PA	-	43	0.000424586	2	955.478	4.6	Larva	X:-:19727773-19727747;X:-:19727773-19727747;X:-:19727773-19727747	exon=> In CDS Exon 3 of transcript AGAP001027-PC;exon=> In CDS Exon 2 of transcript AGAP001027-PB;exon=> In CDS Exon 3 of transcript AGAP001027-PA
JHU_Ag_42667	AELVINNVR	AGAP001028-PA	-	48	0.000103119	2	1027.589	-0.59	Salivary gland	X:-:19742620-19742594	exon=> In CDS Exon 3 of transcript AGAP001028-PA
JHU_Ag_106019	FAQLTAWIQTIR	AGAP001030-PA	Q3(Deamidated),Q9(Deamidated)	36	0.002863552	1	1449.771	-1.83	Male reproductive organs	X:+:19774680-19774715	exon=> In CDS Exon 3 of transcript AGAP001030-PA
JHU_Ag_42849	VLHSIFAGSFLK	AGAP001032-PB	-	59	7.42E-06	1	1318.753	1.11	Ovary	X:+:19784071-19784106	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_42873	HHDDEFLEEELPDLIEATQK	AGAP001032-PB	-	121	1.30E-11	1	2408.139	5.53	Malpighian tubule	X:+:19784350-19784409	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_43043	HHDDEFLEEELPDLIEATQK	AGAP001032-PB	Q19(Deamidated)	116	4.58E-11	1	2408.136	4.31	Ovary	X:+:19784350-19784409	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_47017	EVLQLGPK	AGAP001032-PB	-	37	0.000465659	1	883.529	4.2	Midgut	X:+:19784644-19784667	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_49849	HHDDEFLEEELPDLIEATQK	AGAP001032-PB	-	111	1.21E-10	1	2408.131	2.41	Midgut	X:+:19784350-19784409	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_50245	GVEQSWAAR	AGAP001032-PB	-	47	0.000416494	2	1003.494	-1.12	Salivary gland	X:+:19783846-19783872	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_63392	INAFQTINEVLVHHYIPDFLEDRK	AGAP001032-PB	-	129	8.02E-13	1	2911.526	5.35	Ovary	X:+:19783729-19783800	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_73666	LLQAIENASDK	AGAP001032-PB	-	43	0.000727981	2	1201.643	0.13	Salivary gland	X:+:19783681-19783713	exon=> In CDS Exon 2 of transcript AGAP001032-PB

JHU_Ag_87597	LLQAIENASDK	AGAP001032-PB	-	63	7.82E-06	1	1201.641	-0.99	Ovary	X:+:19783681-19783713	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_89629	LATDAHK	AGAP001032-PB	-	30	0.006351145	2	755.405	0.31	Head	X:+:19784410-19784430	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_93970	FINAAAFK	AGAP001032-PB	-	35	0.001795359	2	881.487	-1.3	Ovary	X:+:19784716-19784739	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_97102	YLEEDISPEISIK	AGAP001032-PB	-	91	1.18E-08	1	1535.787	1.82	Ovary	X:+:19784488-19784526	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_97192	VLHSIFAGSFLK	AGAP001032-PB	-	63	2.78E-06	1	1318.752	-0.16	Midgut	X:+:19784071-19784106	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_102159	KVTVMDAVEK	AGAP001032-PB	-	35	0.003980552	2	1119.607	-0.59	Midgut	X:+:19783798-19783827	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_109855	LLQAIENASDK	AGAP001032-PB	-	65	5.07E-06	2	1201.641	-0.99	Midgut	X:+:19783681-19783713	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_111867	INAFQTINEVLVHHYIPDFLEDR	AGAP001032-PB	-	131	9.93E-13	1	2783.412	-1.34	Ovary	X:+:19783729-19783797	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_112598	LLQAIENASDKAQQTR	AGAP001032-PB	-	78	2.05E-07	1	1785.946	0.47	Malpighian tubule	X:+:19783681-19783728	exon=> In CDS Exon 2 of transcript AGAP001032-PB
JHU_Ag_17890	DAGLDSGASLEPAIQPPGR	AGAP001035-PA	-	57	2.63E-05	1	1850.935	5.66	Head	X:-:19928844-19928788	exon=> In CDS Exon 2 of transcript AGAP001035-PA
JHU_Ag_68205	ILTDLFTDISR	AGAP001035-PA	-	34	0.003021894	2	1293.710	3.63	Head	X:-:19926539-19926507	exon=> In CDS Exon 6 of transcript AGAP001035-PA
JHU_Ag_108416	LYDLNSNYPNVNFEGVTK	AGAP001036-PA	-	51	0.000119201	2	2087.010	0.83	Malpighian tubule	X:+:19936446-19936499	exon=> In CDS Exon 2 of transcript AGAP001036-PA
JHU_Ag_1345	EQPAVPHNPLLPLATTFTGATIAQK	AGAP001037-PA	-	104	1.58E-10	1	2615.416	-1.17	Midgut	X:-:19940478-19940404	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_2958	QLDTNWTLMR	AGAP001037-PA	M9(Oxidation)	57	3.63E-05	2	1277.632	1.18	Midgut	X:-:19940694-19940665	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_3503	GQFLDTIAR	AGAP001037-PA	-	72	1.10E-06	2	1020.547	0.03	Midgut	X:-:19939463-19939437	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_4124	MKPTGDVLTALR	AGAP001037-PA	M1(Oxidation)	67	2.46E-06	2	1317.720	-0.04	Midgut	X:-:19940940-19940905	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_5773	QAHYQGLSFTTISASGPNGSIIHYHPLPETNRPITANELYLCDSGAQYLDGTTDVTR	AGAP001037-PA	C42(Carbamidomethyl)	60	3.19E-06	1	6248.058	8.36	Malpighian tubule	X:-:19939827-19940940,19939286-19939569	exon=> In CDS Exon 2 and 1 of transcript AGAP001037-PA
JHU_Ag_6224	DGQPSTPSIDAWLAK	AGAP001037-PA	-	53	7.65E-05	1	1585.789	2.12	Midgut	X:-:19940664-19940620	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_7570	ANGVTVEVR	AGAP001037-PA	-	51	0.000143003	2	944.517	0.92	Ovary	X:-:19940193-19940167	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_9054	LMPNDPGLEENMFLSNEPGYYK	AGAP001037-PA	M2(Oxidation),"M2(Oxidation), M12(Oxidation)"	42	0.000603949	3	2574.151	-0.76	Midgut	X:-:19939334-19939593,19938858-19939134	exon=> In CDS Exon 3 and 2 of transcript AGAP001037-PA
JHU_Ag_9648	EQPAVPHNPLLPLATTFTGATIAQK	AGAP001037-PA	-	105	1.13E-10	1	2615.423	1.35	Ovary	X:-:19940478-19940404	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_11018	AFVSGFDGSAGTAVVTER	AGAP001037-PA	-	165	4.68E-16	1	1770.870	2.12	Malpighian tubule	X:-:19940796-19940743	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_11313	EALLWTDGR	AGAP001037-PA	-	53	0.000106273	2	1060.542	0.04	Ovary	X:-:19940742-19940716	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_12234	VKGQFLDTIAR	AGAP001037-PA	-	45	0.00019561	1	1247.711	0.02	Midgut	X:-:19939469-19939437	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_13483	IEDIVQVVTANVGTNFDGR	AGAP001037-PA	-	119	1.43E-11	1	2047.057	5.52	Ovary	X:-:19939112-19939056	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_14421	EQPAVPHNPLLPLATTFTGATIAQK	AGAP001037-PA	-	69	5.28E-07	1	2615.413	-2.22	Male reproductive organs	X:-:19940478-19940404	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_16248	IEDIVQVVTANVGTNFDGR	AGAP001037-PA	-	97	2.37E-09	2	2047.049	1.5	Head	X:-:19939112-19939056	exon=> In CDS Exon 3 of transcript AGAP001037-PA

JHU_Ag_17677	GQISLGTAIFPR	AGAP001037-PA	-	52	3.98E-05	2	1259.716	4.19	Male reproductive organs	X:-:19939508-19939473	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_19058	GQISLGTAIFPR	AGAP001037-PA	-	91	7.38E-09	1	1259.710	-0.36	Midgut	X:-:19939508-19939473	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_20377	IEDIVQVVTANVGTNFDGR	AGAP001037-PA	-	129	1.72E-12	1	2047.045	-0.41	Midgut	X:-:19939112-19939056	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_22506	LIDVTLLTAK	AGAP001037-PA	-	57	4.39E-06	1	1086.678	1.11	Malpighian tubule	X:-:19939007-19938978	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_23432	ALWDIGLDYGHGTGHGIGHFLNVHEGPMGIGIR	AGAP001037-PA	M28(Oxidation)	55	3.58E-05	1	3512.726	-0.73	Midgut	X:-:19939433-19939335	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_31456	RLNDITPINLMK	AGAP001037-PA	M11(Oxidation)	44	0.000386944	2	1443.799	-0.18	Ovary	X:-:19940025-19939990	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_33088	GQISLGTAIFPR	AGAP001037-PA	-	43	0.000344593	2	1259.715	3.22	Salivary gland	X:-:19939508-19939473	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_39665	EQPAVPHNPLLPLATTFTGATIAQK	AGAP001037-PA	-	111	2.38E-11	1	2615.422	1.14	Head	X:-:19940478-19940404	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_39883	VGVDANLITAAAWMPLQTSLK	AGAP001037-PA	M14(Oxidation)	79	9.48E-08	1	2215.193	6.07	Malpighian tubule	X:-:19940598-19940536	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_39994	IEDIVQVVTANVGTNFDGR	AGAP001037-PA	-	138	1.99E-13	1	2047.050	2.03	Malpighian tubule	X:-:19939112-19939056	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_40070	DGQPSTPSIDAWLAK	AGAP001037-PA	-	71	1.02E-06	1	1585.789	1.89	Malpighian tubule	X:-:19940664-19940620	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_41043	VKGQFLDTIAR	AGAP001037-PA	-	63	2.79E-06	1	1247.715	3.15	Malpighian tubule	X:-:19939469-19939437	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_42295	EALLWTDGR	AGAP001037-PA	-	47	0.000438995	2	1060.541	-0.88	Midgut	X:-:19940742-19940716	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_43547	NLPNNLGSINAYIIPSNDAHQSEYLAAR	AGAP001037-PA	-	133	6.49E-13	1	3055.527	1.3	Malpighian tubule	X:-:19940892-19940809	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_44596	EQPAVPHNPLLPLATTFTGATIAQK	AGAP001037-PA	-	96	7.22E-10	1	2615.428	3.18	Visceras	X:-:19940478-19940404	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_45377	GQFLDTIAR	AGAP001037-PA	-	62	9.68E-06	2	1020.551	3.32	Ovary	X:-:19939463-19939437	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_45758	LIDVTLLTAK	AGAP001037-PA	-	54	5.92E-06	2	1086.681	3.92	Ovary	X:-:19939007-19938978	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_50039	DHLNAYHQTVLDTLGPLLR	AGAP001037-PA	-	70	8.82E-07	1	2176.156	2.26	Head	X:-:19938971-19938915	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_50176	TAGCTLLPVVPNLIDLLWK	AGAP001037-PA	C4(Carbamidomethyl)	35	0.000968378	1	2123.196	1.15	Midgut	X:-:19940535-19940479	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_50649	ETNDLDTLAWLER	AGAP001037-PA	-	65	5.17E-06	2	1575.767	0.97	Ovary	X:-:19938914-19938876	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_57217	NLPNNLGSINAYIIPSNDAHQSEYLAAR	AGAP001037-PA	-	112	6.81E-11	1	3055.538	4.71	Head	X:-:19940892-19940809	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_58861	AFVSGFDGSAGTAVVTER	AGAP001037-PA	-	127	2.97E-12	1	1770.869	1.77	Pupa	X:-:19940796-19940743	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_59921	IEDIVQVVTANVGTNFDGR	AGAP001037-PA	-	75	4.26E-07	3	2047.051	2.57	Pupa	X:-:19939112-19939056	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_60686	CMADGTPVDEISGATR	AGAP001037-PA	C1(Carbamidomethyl), M2(Oxidation)	74	3.20E-07	2	1695.733	1.01	Malpighian tubule	X:-:19939896-19939849	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_61608	GQISLGTAIFPR	AGAP001037-PA	-	79	1.20E-07	2	1259.711	0.22	Ovary	X:-:19939508-19939473	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_62300	ERDHLNAYHQTVLDTLGPLLR	AGAP001037-PA	-	114	2.91E-11	1	2461.307	5.13	Ovary	X:-:19938977-19938915	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_63622	TITMCPIQTR	AGAP001037-PA	C5(Carbamidomethyl)	51	0.000112953	1	1220.613	0.56	Malpighian tubule	X:-:19939037-19939008	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_64650	LNDITPINLMK	AGAP001037-PA	-	69	1.54E-06	2	1271.703	0.06	Midgut	X:-:19940022-19939990	exon=> In CDS Exon 1 of transcript AGAP001037-PA

JHU_Ag_65453	IEDIVQVVTANVGTNFDGR	AGAP001037-PA	-	40	0.001351405	1	2047.052	3.37	Salivary gland	X:-:19939112-19939056	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_66413	GQFLDTIAR	AGAP001037-PA	-	57	3.45E-05	1	1020.547	-0.21	Malpighian tubule	X:-:19939463-19939437	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_66743	ERDHLNAYHQTVLDTLGPLLR	AGAP001037-PA	-	110	7.94E-11	1	2461.298	1.41	Midgut	X:-:19938977-19938915	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_67542	ETNDLDTLAWLER	AGAP001037-PA	-	72	1.08E-06	1	1575.770	3.45	Malpighian tubule	X:-:19938914-19938876	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_69965	LNDITPINLMK	AGAP001037-PA	M10(Oxidation)	35	0.004645311	1	1287.700	1.35	Malpighian tubule	X:-:19940022-19939990	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_70494	GQISLGTAIFPR	AGAP001037-PA	-	91	5.73E-09	1	1259.715	3.12	Malpighian tubule	X:-:19939508-19939473	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_76151	AFVSGFDGSAGTAVVTER	AGAP001037-PA	-	153	7.77E-15	1	1770.869	1.77	Ovary	X:-:19940796-19940743	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_78343	IEDIVQVVTANVGTNFDGR	AGAP001037-PA	-	95	4.32E-09	1	2047.046	0.43	Visceras	X:-:19939112-19939056	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_83429	TMHFGQPTAEEIR	AGAP001037-PA	M2(Oxidation)	86	3.40E-08	1	1532.715	-0.66	Midgut	X:-:19939568-19939530	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_83741	AFVSGFDGSAGTAVVTER	AGAP001037-PA	-	69	2.06E-06	2	1770.869	2.05	Head	X:-:19940796-19940743	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_84321	NLPNNLGSINAYIIPSNDAHQSEYLAAR	AGAP001037-PA	-	133	6.73E-13	1	3055.520	-1.22	Ovary	X:-:19940892-19940809	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_84860	CMADGTPVDEISGATR	AGAP001037-PA	C1(Carbamidomethyl),"C1 (Carbamidomethyl), M2(Oxidation)"	114	3.03E-11	2	1679.738	0.9	Midgut	X:-:19939896-19939849	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_86579	ETNDLDTLAWLER	AGAP001037-PA	-	64	6.90E-06	2	1575.766	0.58	Midgut	X:-:19938914-19938876	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_87738	VGVDANLITAAAWMPLQTSLK	AGAP001037-PA	M14(Oxidation)	93	3.86E-09	2	2215.181	1	Midgut	X:-:19940598-19940536	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_88531	DGQPSTPSIDAWLAK	AGAP001037-PA	-	39	0.001857218	2	1585.789	1.74	Ovary	X:-:19940664-19940620	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_88775	EALLWTDGR	AGAP001037-PA	-	38	0.002818209	2	1060.543	0.96	Malpighian tubule	X:-:19940742-19940716	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_89460	RAFVSGFDGSAGTAVVTER	AGAP001037-PA	-	70	1.41E-06	1	1926.965	-1.03	Midgut	X:-:19940799-19940743	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_92730	ERDHLNAYHQTVLDTLGPLLR	AGAP001037-PA	-	123	4.18E-12	1	2461.305	4.16	Malpighian tubule	X:-:19938977-19938915	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_92818	AFVSGFDGSAGTAVVTER	AGAP001037-PA	-	149	2.05E-14	1	1770.867	0.4	Midgut	X:-:19940796-19940743	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_93394	NLPNNLGSINAYIIPSNDAHQSEYLAAR	AGAP001037-PA	-	120	1.03E-11	1	3055.533	3.28	Midgut	X:-:19940892-19940809	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_93797	EQPAVPHNPLLPLATTFTGATIAQK	AGAP001037-PA	-	55	1.06E-05	3	2615.425	2.12	Pupa	X:-:19940478-19940404	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_94207	EQPAVPHNPLLPLATTFTGATIAQK	AGAP001037-PA	-	106	8.71E-11	1	2615.420	0.16	Malpighian tubule	X:-:19940478-19940404	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_95883	AFTHVLK	AGAP001037-PA	-	47	0.000279024	1	815.478	0.19	Midgut	X:-:19939529-19939509	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_97119	DHLNAYHQTVLDTLGPLLR	AGAP001037-PA	-	76	2.00E-07	1	2176.159	3.86	Malpighian tubule	X:-:19938971-19938915	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_99017	AFVSGFDGSAGTAVVTER	AGAP001037-PA	-	113	7.28E-11	2	1770.872	3.64	Visceras	X:-:19940796-19940743	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_99072	GQFLDTIAR	AGAP001037-PA	-	49	0.000241101	2	1020.547	-0.15	Male reproductive organs	X:-:19939463-19939437	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_103415	GQFLDTIAR	AGAP001037-PA	-	44	0.000674156	2	1020.549	1.34	Pupa	X:-:19939463-19939437	exon=> In CDS Exon 2 of transcript AGAP001037-PA

JHU_Ag_104249	RLNDITPINLMK	AGAP001037-PA	M11(Oxidation)	63	4.44E-06	1	1443.803	2.61	Malpighian tubule	X:-:19940025-19939990	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_104315	ANGVTVEVR	AGAP001037-PA	-	39	0.002334073	2	944.518	1.89	Malpighian tubule	X:-:19940193-19940167	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_104377	NLPNNLGSINAYIIPSNDAHQSEYLAAR	AGAP001037-PA	-	120	1.11E-11	1	3055.528	1.6	Visceras	X:-:19940892-19940809	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_106395	NLPNNLGSINAYIIPSNDAHQSEYLAAR	AGAP001037-PA	-	79	1.59E-07	1	3055.526	0.76	Pupa	X:-:19940892-19940809	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_107345	RLNDITPINLMK	AGAP001037-PA	M11(Oxidation)	62	5.62E-06	1	1443.798	-0.85	Midgut	X:-:19940025-19939990	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_108284	ETNDLDTLAWLER	AGAP001037-PA	-	66	3.51E-06	1	1575.755	-6.08	Visceras	X:-:19938914-19938876	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_109438	DHLNAYHQTVLDTLGPLLR	AGAP001037-PA	-	73	4.78E-07	1	2176.157	2.93	Midgut	X:-:19938971-19938915	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_109941	KALWDIGLDYGHGTGHGIGHFLNVHEGPMGIGIR	AGAP001037-PA	M29(Oxidation)	153	4.78E-15	1	3640.829	1.51	Malpighian tubule	X:-:19939436-19939335	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_111510	GQISLGTAIFPR	AGAP001037-PA	-	46	0.000255145	2	1259.713	1.96	Visceras	X:-:19939508-19939473	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_113038	LIDVTLLTAK	AGAP001037-PA	-	57	4.60E-06	2	1086.677	0.32	Midgut	X:-:19939007-19938978	exon=> In CDS Exon 3 of transcript AGAP001037-PA
JHU_Ag_113493	KPTGDVLTALR	AGAP001037-PA	-	44	0.000258911	2	1170.684	-0.03	Midgut	X:-:19940937-19940905	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_114940	QLDTNWTLMR	AGAP001037-PA	-	39	0.001982383	2	1277.637	4.52	Malpighian tubule	X:-:19940694-19940665	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_115327	DGVALCQYFAWLER	AGAP001037-PA	C6(Carbamidomethyl)	46	0.00035825	1	1727.821	0.01	Midgut	X:-:19939938-19939897	exon=> In CDS Exon 1 of transcript AGAP001037-PA
JHU_Ag_117412	TMHFGQPTAEEIR	AGAP001037-PA	M2(Oxidation)	53	7.24E-05	1	1532.713	-2.05	Malpighian tubule	X:-:19939568-19939530	exon=> In CDS Exon 2 of transcript AGAP001037-PA
JHU_Ag_18439	KYGDLYSITLGSTR	AGAP001039-PA,AGAP001039-PB	-	84	7.21E-08	2	1573.820	-1.18	Male reproductive organs	X:+:20010158-20010199;X:+:20010158-20010199	exon=> In CDS Exon 1 of transcript AGAP001039-PA;exon=> In CDS Exon 1 of transcript AGAP001039-PB
JHU_Ag_30164	YDVHSNDLSLIK	AGAP001039-PA,AGAP001039-PB	-	77	3.96E-07	1	1403.716	-0.15	Male reproductive organs	X:+:20017137-20017172;X:+:20017137-20017172	exon=> In CDS Exon 3 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_31934	YSSSPIVPHVATEDTCIAGYGVTK	AGAP001039-PA,AGAP001039-PB	C16(Carbamidomethyl)	123	8.83E-12	1	2552.232	-0.84	Male reproductive organs	X:+:20016732-20016803;X:+:20016732-20016803	exon=> In CDS Exon 2 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_34529	WSAEIR	AGAP001039-PA,AGAP001039-PB	-	46	0.000625378	2	761.399	6.88	Male reproductive organs	X:+:20016375-20016392;X:+:20016375-20016392	exon=> In CDS Exon 2 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_34725	FDYNDQGFMSIVR	AGAP001039-PA,AGAP001039-PB	M9(Oxidation)	93	4.75E-09	1	1607.714	-1.03	Male reproductive organs	X:+:20016234-20016272;X:+:20016234-20016272	exon=> In CDS Exon 2 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_46679	YGDLYSITLGSTR	AGAP001039-PA,AGAP001039-PB	-	74	5.96E-07	2	1445.728	0.58	Male reproductive organs	X:+:20010161-20010199;X:+:20010161-20010199	exon=> In CDS Exon 1 of transcript AGAP001039-PA;exon=> In CDS Exon 1 of transcript AGAP001039-PB
JHU_Ag_48155	NIPHFLPFSIGK	AGAP001039-PA,AGAP001039-PB	-	42	0.000520331	1	1369.763	0.18	Male reproductive organs	X:+:20017032-20017067;X:+:20017032-20017067	exon=> In CDS Exon 3 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_53609	NIPHFLPFSIGKR	AGAP001039-PA,AGAP001039-PB	-	38	0.000908433	1	1525.863	-0.82	Male reproductive organs	X:+:20017032-20017070;X:+:20017032-20017070	exon=> In CDS Exon 3 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_97852	EQTLGDDDTERDFADALLK	AGAP001039-PA,AGAP001039-PB	-	46	0.0003889	1	2152.007	1.49	Male reproductive organs	X:+:20016426-20016482;X:+:20016426-20016482	exon=> In CDS Exon 2 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB

JHU_Ag_108349	FMDQLDEVVCPGKDFK	AGAP001039-PA,AGAP001039-PB	M2(Oxidation), C10(Carbamidomethyl)	40	0.00120056	3	1943.887	-0.36	Male reproductive organs	X:+:20016123-20016170;X:+:20016123-20016170	exon=> In CDS Exon 2 of transcript AGAP001039-PA;exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_29359	FIETATLAQIR	AGAP001039-PB	-	81	6.22E-08	1	1262.711	0.2	Male reproductive organs	X:+:20016888-20016920	exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_48988	QDLTNIIK	AGAP001039-PB	-	42	0.000853724	2	944.542	0.61	Male reproductive organs	X:+:20016951-20016974	exon=> In CDS Exon 2 of transcript AGAP001039-PB
JHU_Ag_8187	HAVVNLINYQDDADLATR	AGAP001043-PA	-	37	0.003064559	1	2028.022	3.46	Malpighian tubule	X:+:20144234-20144287	exon=> In CDS Exon 2 of transcript AGAP001043-PA
JHU_Ag_14742	GAVGTLHNLSHHR	AGAP001043-PA	-	92	7.94E-09	1	1398.736	0.46	Head	X:+:20144471-20144509	exon=> In CDS Exon 2 of transcript AGAP001043-PA
JHU_Ag_54531	LVQNCLWTLR	AGAP001043-PA	C5(Carbamidomethyl)	42	0.000978445	2	1302.704	3.67	Larva	X:+:20144963-20144992	exon=> In CDS Exon 2 of transcript AGAP001043-PA
JHU_Ag_69824	HAVVNLINYQDDADLATR	AGAP001043-PA	-	163	6.41E-16	1	2028.018	1.69	Head	X:+:20144234-20144287	exon=> In CDS Exon 2 of transcript AGAP001043-PA
JHU_Ag_108740	ALSNSNDLETTK	AGAP001043-PA	-	68	2.66E-06	1	1292.631	-1.73	Head	X:+:20144435-20144470	exon=> In CDS Exon 2 of transcript AGAP001043-PA
JHU_Ag_112803	LVQNCLWTLR	AGAP001043-PA	C5(Carbamidomethyl)	56	4.10E-05	2	1302.701	1.99	Head	X:+:20144963-20144992	exon=> In CDS Exon 2 of transcript AGAP001043-PA
JHU_Ag_117641	FSSELTTLPVFR	AGAP001043-PA	-	56	2.50E-05	2	1396.752	3.3	Head	X:+:20146404-20146439	exon=> In CDS Exon 4 of transcript AGAP001043-PA
JHU_Ag_11999	KPIDYSLLDDVGHGISLTNNNQK	AGAP001046-PA	N19(Deamidated),N20(Deamidated)	115	4.62E-11	1	2541.300	2.07	Head	X:-:20412902-20412834	exon=> In CDS Exon 2 of transcript AGAP001046-PA
JHU_Ag_13752	NLQESFSNLER	AGAP001046-PA	-	82	1.10E-07	2	1336.652	1.73	Head	X:-:20415615-20415583	exon=> In CDS Exon 1 of transcript AGAP001046-PA
JHU_Ag_101499	TPPVVVPPQVPSHYAPNYPVGHPR	AGAP001046-PA	-	97	1.66E-09	1	2605.374	2.47	Head	X:-:20412647-20412576	exon=> In CDS Exon 2 of transcript AGAP001046-PA
JHU_Ag_7073	NIGGLIAYQNIDKLR	AGAP001047-PA	-	96	1.54E-09	2	1687.950	0.49	Head	X:+:20427429-20427473	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_11722	GTPILGVINQPFAEK	AGAP001047-PA	-	85	1.82E-08	1	1583.882	1.43	Head	X:+:20426988-20427032	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_11779	NIGGLIAYQNIDK	AGAP001047-PA	-	87	2.28E-08	1	1418.766	1.36	Ovary	X:+:20427429-20427467	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_15202	ISYHDHK	AGAP001047-PA	-	46	0.000214122	1	899.432	-5.36	Head	X:+:20427399-20427419	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_20808	IFWGLSVGDLK	AGAP001047-PA	-	67	2.00E-06	1	1234.686	2.51	Ovary	X:+:20427075-20427107	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_20852	FNNIASQGTDAR	AGAP001047-PA	-	72	1.07E-06	1	1293.618	-0.32	Ovary	X:+:20427108-20427143	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_23522	DNIRGEENAK	AGAP001047-PA	-	49	0.000147377	2	1145.553	-1.06	Head	X:+:20424742-20424771	exon=> In CDS Exon 2 of transcript AGAP001047-PA
JHU_Ag_23597	YDVVYSSGAGYK	AGAP001047-PA	-	75	4.58E-07	1	1308.611	0.16	Head	X:+:20427207-20427242	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_30551	ISNQEEFREEYR	AGAP001047-PA	Q4(Deamidated)	56	3.49E-05	1	1599.736	-2.69	Head	X:+:20427033-20427068	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_38772	SAINLLREVLK	AGAP001047-PA	N-Term(Acetyl)	68	3.07E-07	1	1297.791	5.44	Malpighian tubule	X:+:20424456-20424488	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_43121	FNNIASQGTDAR	AGAP001047-PA	-	81	1.31E-07	2	1293.617	-0.6	Head	X:+:20427108-20427143	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_44030	SMNGDLFDLQDTLINK	AGAP001047-PA	M2(Oxidation)	116	3.95E-11	2	1839.886	3.67	Head	X:+:20427339-20427386	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_48682	SMNGDLFDLQDTLINK	AGAP001047-PA	M2(Oxidation)	136	3.73E-13	1	1839.880	0.29	Ovary	X:+:20427339-20427386	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_57941	YSNIVSSGLK	AGAP001047-PA	-	55	2.42E-05	2	1067.573	-0.47	Head	X:+:20426919-20426948	exon=> In CDS Exon 3 of transcript AGAP001047-PA

JHU_Ag_59378	YSNIVSSGLK	AGAP001047-PA	-	46	0.000210835	2	1067.570	-3.33	Ovary	X:+:20426919-20426948	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_67852	SAINLLR	AGAP001047-PA	N-Term(Acetyl)	40	0.001042329	1	828.493	-0.57	Head	X:+:20424456-20424476	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_68175	IFWGLSVGDLK	AGAP001047-PA	-	67	1.67E-06	1	1234.684	0.93	Head	X:+:20427075-20427107	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_71301	NIGGLIAYQNIDK	AGAP001047-PA	-	98	1.83E-09	1	1418.768	2.65	Head	X:+:20427429-20427467	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_71307	GTPILGVINQPFAEK	AGAP001047-PA	-	105	2.11E-10	1	1583.878	-0.5	Ovary	X:+:20426988-20427032	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_73326	TLADCLIQEMIK	AGAP001047-PA	C5(Carbamidomethyl), M10(Oxidation)	49	0.000193872	2	1450.728	0.16	Ovary	X:+:20424609-20424644	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_73625	IAILSPSEQSK	AGAP001047-PA	-	64	5.60E-06	2	1172.650	-1.69	Ovary	X:+:20427144-20427176	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_76665	QNPILFSLLVQEK	AGAP001047-PA	-	55	1.41E-05	2	1528.877	2.66	Visceras	X:+:20424528-20424566	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_83953	VSAAALVDEVYR	AGAP001047-PA	-	101	9.73E-10	1	1292.688	2.98	Head	X:+:20426742-20426777	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_88096	QNPILFSLLVQEK	AGAP001047-PA	-	53	2.64E-05	2	1528.872	-1.01	Ovary	X:+:20424528-20424566	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_89001	IATGEAELFLLSK	AGAP001047-PA	-	118	9.79E-12	2	1391.783	3.24	Head	X:+:20427252-20427290	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_93230	SAINLLR	AGAP001047-PA	N-Term(Acetyl)	39	0.001004824	2	828.497	4.13	Malpighian tubule	X:+:20424456-20424476	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_103920	VSAAALVDEVYR	AGAP001047-PA	-	93	7.09E-09	1	1292.684	-0.52	Ovary	X:+:20426742-20426777	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_104167	TLADCLIQEMIK	AGAP001047-PA	C5(Carbamidomethyl)	77	3.24E-07	2	1434.738	3.17	Head	X:+:20424609-20424644	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_108821	FAHDFK	AGAP001047-PA	-	37	0.002943321	2	764.368	-6.34	Head	X:+:20424591-20424608	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_111958	IATGEAELFLLSK	AGAP001047-PA	-	82	4.18E-08	1	1391.779	0.96	Ovary	X:+:20427252-20427290	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_112028	WDTCAPQAILR	AGAP001047-PA	C4(Carbamidomethyl)	61	8.40E-06	2	1330.655	-1.85	Head	X:+:20427306-20427338	exon=> In CDS Exon 3 of transcript AGAP001047-PA
JHU_Ag_117274	ASEKAANIAR	AGAP001047-PA	-	42	0.000974693	2	1030.576	11.94	Malpighian tubule	X:+:20424489-20424518	exon=> In CDS Exon 1 of transcript AGAP001047-PA
JHU_Ag_1015	NPKYIAIK	AGAP001051-PA	-	33	0.002339982	1	946.561	-11.52	Ovary	X:+:20951452-20951475	exon=> In CDS Exon 1 of transcript AGAP001051-PA
JHU_Ag_43710	NPKYIAIK	AGAP001051-PA	-	33	0.002754038	1	946.561	-11.65	Midgut	X:+:20951452-20951475	exon=> In CDS Exon 1 of transcript AGAP001051-PA
JHU_Ag_36376	TNEREDDQYPNK	AGAP001052-PB,AGAP001052-PC	N2(Deamidated), Q8(Deamidated)	33	0.001619865	1	1510.613	-10.72	Head	X:-:21037037-21037002;X:-:21037037-21037002	exon=> In CDS Exon 2 of transcript AGAP001052-PB;exon=> In CDS Exon 4 of transcript AGAP001052-PC
JHU_Ag_4610	INSLEEEK	AGAP001053-PA,AGAP001053-PH	-	44	0.000906679	2	961.482	-1.29	Male reproductive organs	X:+:21349532-21349555;X:+:21349532-21349555	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_14058	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	119	2.05E-11	1	1970.992	-1.68	Head	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_19491	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	63	6.51E-06	2	1971.004	4.21	Larva	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH

JHU_Ag_20304	NVEDANEDQAR	AGAP001053-PA,AGAP001053-PH	-	39	0.000740104	2	1260.549	2.85	Visceras	X:+:21347652-21347673,21349494-21349504;X:+:21347652-21347673,21349494-21349504	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH
JHU_Ag_21005	NVEDANEDQAR	AGAP001053-PA,AGAP001053-PH	-	79	6.94E-08	1	1260.547	1.4	Ovary	X:+:21347652-21347673,21349494-21349504;X:+:21347652-21347673,21349494-21349504	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH
JHU_Ag_21468	NVEDANEDQARK	AGAP001053-PA,AGAP001053-PH	-	88	1.72E-08	1	1388.639	-0.93	Male reproductive organs	X:+:21347652-21347673,21349494-21349507;X:+:21347652-21347673,21349494-21349507	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH
JHU_Ag_30810	INSLEEEK	AGAP001053-PA,AGAP001053-PH	-	52	0.000122736	2	961.485	1.57	Head	X:+:21349532-21349555;X:+:21349532-21349555	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_31688	NVEDANEDQARK	AGAP001053-PA,AGAP001053-PH	-	41	0.000942815	2	1388.642	1.09	Head	X:+:21347652-21347673,21349494-21349507;X:+:21347652-21347673,21349494-21349507	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH
JHU_Ag_35604	DMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	M2(Oxidation),"M2(Oxidation), Q10(Deamidated)","M2(Oxidation), N12(Deamidated)"	149	1.85E-14	1	1748.814	0.91	Male reproductive organs	X:+:21349586-21349594,21364143-21364178;X:+:21349586-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_35995	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	60	1.56E-05	1	1970.998	0.92	Salivary gland	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_36635	KDMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	M3(Oxidation)	112	1.30E-10	1	1876.909	1.24	Male reproductive organs	X:+:21349583-21349594,21364143-21364178;X:+:21349583-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_50041	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	101	1.13E-09	1	1971.004	4.21	Pupa	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_51931	ILRDYHQR	AGAP001053-PA,AGAP001053-PH	-	38	0.001852694	1	1100.597	0.68	Malpighian tubule	X:+:21349508-21349531;X:+:21349508-21349531	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH

JHU_Ag_55430	NVEDANEDQAR	AGAP001053-PA,AGAP001053-PH	-	77	1.26E-07	1	1260.545	-0.15	Male reproductive organs	X:+:21347652-21347673,21349494-21349504;X:+:21347652-21347673,21349494-21349504	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH
JHU_Ag_57178	YDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	46	0.000197543	1	1028.530	0.16	Male reproductive organs	X:+:21349556-21349579;X:+:21349556-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_57567	YDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	40	0.00075772	2	1028.533	2.65	Pupa	X:+:21349556-21349579;X:+:21349556-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_57799	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	N2(Deamidated)	142	7.76E-14	1	1971.002	3.4	Male reproductive organs	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_61646	DMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	-	108	2.53E-10	2	1732.817	0.17	Pupa	X:+:21349586-21349594,21364143-21364178;X:+:21349586-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_62494	NVEDANEDQAR	AGAP001053-PA,AGAP001053-PH	-	35	0.001852115	2	1260.545	-0.15	Head	X:+:21347652-21347673,21349494-21349504;X:+:21347652-21347673,21349494-21349504	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH
JHU_Ag_63139	DMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	M2(Oxidation)	112	1.02E-10	1	1748.822	5.52	Larva	X:+:21349586-21349594,21364143-21364178;X:+:21349586-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_64129	DMEISDLNAQVNDLRGK	AGAP001053-PA,AGAP001053-PH	-	75	5.19E-07	1	1917.938	2.33	Malpighian tubule	X:+:21349586-21349594,21364143-21364184;X:+:21349586-21349594,21364143-21364184	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_64206	NVEDANEDQARK	AGAP001053-PA,AGAP001053-PH	-	78	1.99E-07	1	1388.642	1.53	Malpighian tubule	X:+:21347652-21347673,21349494-21349507;X:+:21347652-21347673,21349494-21349507	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH

JHU_Ag_69767	NVEDANEDQAR	AGAP001053-PA,AGAP001053-PH	-	87	1.21E-08	1	1260.546	1.01	Malpighian tubule	X:+:21347652-21347673,21349494-21349504;X:+:21347652-21347673,21349494-21349504	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PH
JHU_Ag_75505	DMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	M2(Oxidation)	132	9.04E-13	1	1748.814	1.12	Ovary	X:+:21349586-21349594,21364143-21364178;X:+:21349586-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_77701	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	134	5.09E-13	1	1970.998	0.92	Ovary	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_79022	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	127	2.57E-12	1	1971.003	3.43	Malpighian tubule	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_79209	DMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	M2(Oxidation),"M2(Oxidation), N12(Deamidated)"	140	1.71E-13	1	1748.816	2.38	Head	X:+:21349586-21349594,21364143-21364178;X:+:21349586-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_112979	KDMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	M3(Oxidation)	55	6.60E-05	1	1876.908	0.59	Ovary	X:+:21349583-21349594,21364143-21364178;X:+:21349583-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_113203	DMEISDLNAQVNDLR	AGAP001053-PA,AGAP001053-PH	M2(Oxidation)	104	5.99E-10	1	1732.823	3.48	Malpighian tubule	X:+:21349586-21349594,21364143-21364178;X:+:21349586-21349594,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PH
JHU_Ag_116227	YDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	40	0.000917	1	1028.533	2.96	Head	X:+:21349556-21349579;X:+:21349556-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_117557	INSLEEEKYDLEYVVK	AGAP001053-PA,AGAP001053-PH	-	105	4.41E-10	1	1970.997	0.37	Midgut	X:+:21349532-21349579;X:+:21349532-21349579	exon=> In CDS Exon 3 of transcript AGAP001053-PA;exon=> In CDS Exon 3 of transcript AGAP001053-PH
JHU_Ag_16601	VKEEAAEAVEAEA	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	76	3.04E-07	1	1345.648	-0.55	Male reproductive organs	X:+:21367363-21367401;X:+:21367363-21367401;X:+:21367363-21367401	exon=> In CDS Exon 6 of transcript AGAP001053-PB;exon=> In CDS Exon 6 of transcript AGAP001053-PA;exon=> In CDS Exon 6 of transcript AGAP001053-PD

JHU_Ag_28622	EFTLEEEDKEK	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	89	1.42E-08	1	1396.648	0.42	Male reproductive organs	X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PD
JHU_Ag_29831	VKEEAAEAVEAEA	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	81	8.84E-08	1	1345.651	1.86	Malpighian tubule	X:+:21367363-21367401;X:+:21367363-21367401;X:+:21367363-21367401	exon=> In CDS Exon 6 of transcript AGAP001053-PB;exon=> In CDS Exon 6 of transcript AGAP001053-PA;exon=> In CDS Exon 6 of transcript AGAP001053-PD
JHU_Ag_33748	EFTLEEEDKEK	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	83	6.05E-08	1	1396.649	0.94	Ovary	X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PD
JHU_Ag_39558	VKEEAAEAVEAEA	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	50	0.000142302	1	1345.663	10.79	Salivary gland	X:+:21367363-21367401;X:+:21367363-21367401;X:+:21367363-21367401	exon=> In CDS Exon 6 of transcript AGAP001053-PB;exon=> In CDS Exon 6 of transcript AGAP001053-PA;exon=> In CDS Exon 6 of transcript AGAP001053-PD
JHU_Ag_42371	VKEEAAEAVEAEA	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	65	3.71E-06	1	1345.657	6.22	Visceras	X:+:21367363-21367401;X:+:21367363-21367401;X:+:21367363-21367401	exon=> In CDS Exon 6 of transcript AGAP001053-PB;exon=> In CDS Exon 6 of transcript AGAP001053-PA;exon=> In CDS Exon 6 of transcript AGAP001053-PD
JHU_Ag_55306	VKEEAAEAVEAEA	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	74	5.05E-07	1	1345.648	0.08	Head	X:+:21367363-21367401;X:+:21367363-21367401;X:+:21367363-21367401	exon=> In CDS Exon 6 of transcript AGAP001053-PB;exon=> In CDS Exon 6 of transcript AGAP001053-PA;exon=> In CDS Exon 6 of transcript AGAP001053-PD
JHU_Ag_84707	EFTLEEEDKEK	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	56	2.64E-05	1	1396.649	0.51	Visceras	X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PD

JHU_Ag_85997	VKEEAAEAVEAEA	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	47	0.000223202	2	1345.647	-1.19	Midgut	X:+:21367363-21367401;X:+:21367363-21367401;X:+:21367363-21367401	exon=> In CDS Exon 6 of transcript AGAP001053-PB;exon=> In CDS Exon 6 of transcript AGAP001053-PA;exon=> In CDS Exon 6 of transcript AGAP001053-PD
JHU_Ag_92863	EFTLEEEDKEK	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	81	1.13E-07	1	1396.654	4.44	Malpighian tubule	X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PD
JHU_Ag_104382	EFTLEEEDKEK	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	83	6.10E-08	1	1396.648	-0.11	Head	X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PD
JHU_Ag_114810	EFTLEEEDKEK	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	43	0.000587361	2	1396.649	0.77	Pupa	X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329;X:+:21364380-21364409,21367327-21367329	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PD
JHU_Ag_115878	VKEEAAEAVEAEA	AGAP001053-PB,AGAP001053-PA,AGAP001053-PD	-	71	9.22E-07	1	1345.650	1.35	Ovary	X:+:21367363-21367401;X:+:21367363-21367401;X:+:21367363-21367401	exon=> In CDS Exon 6 of transcript AGAP001053-PB;exon=> In CDS Exon 6 of transcript AGAP001053-PA;exon=> In CDS Exon 6 of transcript AGAP001053-PD
JHU_Ag_8073	NVEDANEAELQTICK	AGAP001053-PB,AGAP001053-PF	C14(Carbamidomethyl)	85	4.59E-08	1	1733.800	-0.74	Pupa	X:+:21347652-21347673,21354151-21354173;X:+:21347652-21347673,21354151-21354173	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PF
JHU_Ag_21130	VFGLEGDKFDLER	AGAP001053-PB,AGAP001053-PF	-	109	1.93E-10	1	1524.773	2.14	Head	X:+:21354189-21354227;X:+:21354189-21354227	exon=> In CDS Exon 3 of transcript AGAP001053-PB;exon=> In CDS Exon 3 of transcript AGAP001053-PF

JHU_Ag_26580	LKQYEISDLNAQVNDLR	AGAP001053-PB,AGAP001053-PF	-	138	1.99E-13	1	2019.049	-1.05	Visceras	X:+:21354237-21354251,21364143-21364178;X:+:21354237-21354251,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PF
JHU_Ag_36903	VFGLEGDKFDLER	AGAP001053-PB,AGAP001053-PF	-	92	1.03E-08	1	1524.775	3.66	Visceras	X:+:21354189-21354227;X:+:21354189-21354227	exon=> In CDS Exon 3 of transcript AGAP001053-PB;exon=> In CDS Exon 3 of transcript AGAP001053-PF
JHU_Ag_39973	QYEISDLNAQVNDLR	AGAP001053-PB,AGAP001053-PF	-	131	1.56E-12	2	1777.875	1.81	Head	X:+:21354243-21354251,21364143-21364178;X:+:21354243-21354251,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PF
JHU_Ag_50706	NVEDANEAELQTICK	AGAP001053-PB,AGAP001053-PF	C14(Carbamidomethyl)	125	4.34E-12	1	1733.801	-0.18	Head	X:+:21347652-21347673,21354151-21354173;X:+:21347652-21347673,21354151-21354173	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PF
JHU_Ag_56502	NVEDANEAELQTICK	AGAP001053-PB,AGAP001053-PF	C14(Carbamidomethyl)	45	0.000460288	2	1733.811	5.6	Larva	X:+:21347652-21347673,21354151-21354173;X:+:21347652-21347673,21354151-21354173	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PF
JHU_Ag_67964	NVEDANEAELQTICK	AGAP001053-PB,AGAP001053-PF	C14(Carbamidomethyl)	88	2.32E-08	2	1733.801	0.1	Visceras	X:+:21347652-21347673,21354151-21354173;X:+:21347652-21347673,21354151-21354173	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PF
JHU_Ag_85933	VFGLEGDKFDLER	AGAP001053-PB,AGAP001053-PF	-	90	1.47E-08	1	1524.775	3.42	Larva	X:+:21354189-21354227;X:+:21354189-21354227	exon=> In CDS Exon 3 of transcript AGAP001053-PB;exon=> In CDS Exon 3 of transcript AGAP001053-PF
JHU_Ag_88871	QYEISDLNAQVNDLR	AGAP001053-PB,AGAP001053-PF	-	101	1.36E-09	2	1777.873	0.92	Visceras	X:+:21354243-21354251,21364143-21364178;X:+:21354243-21354251,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PF
JHU_Ag_112822	VFGLEGDKFDLER	AGAP001053-PB,AGAP001053-PF	-	98	2.31E-09	2	1524.774	2.94	Pupa	X:+:21354189-21354227;X:+:21354189-21354227	exon=> In CDS Exon 3 of transcript AGAP001053-PB;exon=> In CDS Exon 3 of transcript AGAP001053-PF

JHU_Ag_113433	LKQYEISDLNAQVNDLR	AGAP001053-PB,AGAP001053-PF	-	122	8.99E-12	1	2019.050	-0.2	Head	X:+:21354237-21354251,21364143-21364178;X:+:21354237-21354251,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PF
JHU_Ag_2093	ADDEAK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	N-Term(Acetyl)	33	0.000817493	1	690.294	0.37	Male reproductive organs	X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351;X:+:21347334-21347351	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_2194	AAEELKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	33	0.009675317	1	788.451	-0.56	Ovary	X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588	exon=> In CDS Exon 2 of transcript AGAP001053-PC;exon=> In CDS Exon 2 of transcript AGAP001053-PB;exon=> In CDS Exon 2 of transcript AGAP001053-PA;exon=> In CDS Exon 2 of transcript AGAP001053-PH;exon=> In CDS Exon 2 of transcript AGAP001053-PD;exon=> In CDS Exon 2 of transcript AGAP001053-PF
JHU_Ag_7896	GKFVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	38	0.000117516	1	1017.646	0.75	Malpighian tubule	X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF

JHU_Ag_8352	AAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	43	0.000540025	1	854.416	0.43	Pupa	X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_9013	FVKPTLKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	20	0.005199601	2	960.628	3.58	Larva	X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_12645	VSKYENK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	40	0.001001113	2	867.457	-0.35	Male reproductive organs	X:+:21364290-21364310;X:+:21364290-21364310;X:+:21364290-21364310;X:+:21364290-21364310;X:+:21364290-21364310;X:+:21364290-21364310	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_15066	EFTLEEEDK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	64	2.88E-06	1	1139.510	-0.6	Male reproductive organs	X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF

JHU_Ag_18194	AAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	44	0.000471852	2	854.418	3	Larva	X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_24302	GKFVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	40	6.81E-05	1	1017.648	2.67	Larva	X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_25026	AAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	43	0.000546649	1	854.417	2.22	Malpighian tubule	X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_25082	ADDEAKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	N-Term(Acetyl)	38	0.002442661	1	818.389	-0.45	Male reproductive organs	X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF

JHU_Ag_26514	KAAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	44	0.000413 82	2	982.509	-1.24	Ovary	X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_32714	KGFMTPER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M4(Oxidation)	42	0.000895 798	1	981.482	-0.5	Ovary	X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_33124	KEFTLEEEDK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	73	7.86E-07	1	1267.604	-0.89	Head	X:+:21364377-21364406;X:+:21364377-21364406;X:+:21364377-21364406;X:+:21364377-21364406;X:+:21364377-21364406	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_33875	AAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	49	0.000142 752	2	854.418	2.5	Visceras	X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_38623	AAEELKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	40	0.001922 032	2	788.453	1.92	Head	X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588	exon=> In CDS Exon 2 of transcript AGAP001053-PC;exon=> In CDS Exon 2 of transcript AGAP001053-PB;exon=> In CDS Exon 2 of transcript AGAP001053-PA;exon=> In CDS Exon 2 of transcript AGAP001053-PH;exon=> In CDS Exon 2 of transcript AGAP001053-PD;exon=> In CDS Exon 2 of transcript AGAP001053-PF

JHU_Ag_43242	GFMTPERK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M3(Oxidation)	43	0.000650383	1	981.485	2.86	Male reproductive organs	X:+:21347439-21347462;X:+:21347439-21347462;X:+:21347439-21347462;X:+:21347439-21347462;X:+:21347439-21347462;X:+:21347439-21347462;X:+:21347439-21347462	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_46252	GFMTPER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M3(Oxidation)	38	0.001175141	1	853.387	-0.72	Ovary	X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_47236	FVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	33	0.001164714	2	832.530	0.76	Male reproductive organs	X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_50774	ADDEAKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	N-Term(Acetyl)	41	0.001206015	2	818.391	2.16	Head	X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354;X:+:21347334-21347354	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF

JHU_Ag_50945	GFMTPER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M3(Oxidation)	39	0.001125862	1	853.391	3.79	Male reproductive organs	X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459;X:+:21347439-21347459	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_51839	AAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	47	0.000207212	2	854.415	-0.35	Male reproductive organs	X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_53653	KGFMTPER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M4(Oxidation)	54	5.72E-05	1	965.487	-0.08	Malpighian tubule	X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_55525	EFTLEEEDK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	40	0.000869695	1	1139.516	4.65	Larva	X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF

JHU_Ag_58937	FVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	29	0.002601473	2	832.530	0.83	Visceras	X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_61205	FVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	31	0.001679652	2	832.529	0.24	Head	X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF

JHU_Ag_61658	KGFMTPER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M4(Oxidation)	50	0.000136839	1	981.482	-0.25	Visceras	X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_62460	GKFVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	41	5.53E-05	1	1017.646	0.35	Male reproductive organs	X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286;X:+:21364179-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_65397	AAEELKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	40	0.001865351	2	788.453	2.08	Visceras	X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588;X:+:21347568-21347588	exon=> In CDS Exon 2 of transcript AGAP001053-PC;exon=> In CDS Exon 2 of transcript AGAP001053-PB;exon=> In CDS Exon 2 of transcript AGAP001053-PA;exon=> In CDS Exon 2 of transcript AGAP001053-PH;exon=> In CDS Exon 2 of transcript AGAP001053-PD;exon=> In CDS Exon 2 of transcript AGAP001053-PF
JHU_Ag_66247	AAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	43	0.000596023	1	854.415	-1.14	Ovary	X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF

JHU_Ag_71715	EFTLEEEDK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	65	2.70E-06	1	1139.514	2.82	Head	X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_72701	QAEIER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	40	0.001981821	2	745.385	1.02	Malpighian tubule	X:+:21347361-21347378;X:+:21347361-21347378;X:+:21347361-21347378;X:+:21347361-21347378;X:+:21347361-21347378	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_73873	FVKPTLKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	25	0.001850814	2	960.625	0.53	Malpighian tubule	X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289;X:+:21364185-21364186,21364268-21364289	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_74004	KAAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	37	0.001624785	1	982.510	-0.48	Head	X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF

JHU_Ag_83078	EFTLEEEDK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	45	0.000227068	1	1139.513	2.29	Malpighian tubule	X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406;X:+:21364380-21364406	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_83957	KAAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	42	0.000524429	1	982.510	-0.12	Pupa	X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_87580	KGFMTPER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M4(Oxidation)	55	4.36E-05	1	981.484	2.18	Male reproductive organs	X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_91596	FVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	32	0.001479855	2	832.530	0.54	Pupa	X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF

JHU_Ag_92603	KGFMTPER	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	M4(Oxidation)	38	0.002152007	2	981.487	4.6	Larva	X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459;X:+:21347436-21347459	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_93030	KAAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	43	0.000402426	2	982.511	0.07	Visceras	X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_94864	FVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	34	0.000912471	2	832.530	1.12	Malpighian tubule	X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286;X:+:21364185-21364186,21364268-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_96304	KAAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	55	2.83E-05	1	982.514	3.42	Larva	X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF

JHU_Ag_97076	FVKPTLKK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	24	0.002799613	1	960.623	-1.38	Male reproductive organs	X:+:21364185-21364186,213642 68-21364289;X:+:213 64185-21364186,213642 68-21364289;X:+:213 64185-21364186,213642 68-21364289;X:+:213 64185-21364186,213642 68-21364289;X:+:213 64185-21364186,213642 68-21364289	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF
JHU_Ag_99437	GKFVKPTLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	42	4.20E-05	1	1017.646	0.33	Pupa	X:+:21364179-21364186,213642 68-21364286;X:+:213 64179-21364186,213642 68-21364286;X:+:213 64179-21364186,213642 68-21364286;X:+:213 64179-21364186,213642 68-21364286;X:+:213 64179-21364186,213642 68-21364286	exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PH;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP001053-PF

JHU_Ag_101717	AAEFNFRNQLK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	59	1.47E-05	1	1337.699	1.89	Malpighian tubule	X:+:21364332-21364364;X:+:21364332-21364364;X:+:21364332-21364364;X:+:21364332-21364364;X:+:21364332-21364364;X:+:21364332-21364364	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_106867	RMEEASK	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	35	0.005305074	2	850.406	-3.14	Head	X:+:21347400-21347420;X:+:21347400-21347420;X:+:21347400-21347420;X:+:21347400-21347420;X:+:21347400-21347420;X:+:21347400-21347420	exon=> In CDS Exon 1 of transcript AGAP001053-PC;exon=> In CDS Exon 1 of transcript AGAP001053-PB;exon=> In CDS Exon 1 of transcript AGAP001053-PA;exon=> In CDS Exon 1 of transcript AGAP001053-PH;exon=> In CDS Exon 1 of transcript AGAP001053-PD;exon=> In CDS Exon 1 of transcript AGAP001053-PF
JHU_Ag_109631	KAAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	67	1.76E-06	2	982.511	0.19	Male reproductive organs	X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_110988	KAAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	52	5.28E-05	2	982.511	0.63	Malpighian tubule	X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352;X:+:21364329-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF
JHU_Ag_111853	AAEFNFR	AGAP001053-PC,AGAP001053-PB,AGAP001053-PA,AGAP001053-PH,AGAP001053-PD,AGAP001053-PF	-	43	0.000545022	2	854.415	-0.85	Head	X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352;X:+:21364332-21364352	exon=> In CDS Exon 5 of transcript AGAP001053-PC;exon=> In CDS Exon 5 of transcript AGAP001053-PB;exon=> In CDS Exon 5 of transcript AGAP001053-PA;exon=> In CDS Exon 5 of transcript AGAP001053-PH;exon=> In CDS Exon 5 of transcript AGAP001053-PD;exon=> In CDS Exon 5 of transcript AGAP001053-PF

JHU_Ag_4797	NVEDANEDQLK	AGAP001053-PC,AGAP001053-PD	N6(Deamidated),N1(Deamidated)	77	2.24E-07	1	1274.585	-0.46	Head	X:+:21347652-21347673,21357063-21357073;X:+:21347652-21347673,21357063-21357073	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_7586	RDWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	N13(Deamidated),N9(Deamidated),Q11(Deamidated)	135	5.20E-13	1	1943.963	3.23	Head	X:+:21357152-21357163,21364143-21364178;X:+:21357152-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_20301	MYTCEGQKWDLEYEVR	AGAP001053-PC,AGAP001053-PD	M1(Oxidation),C4(Carbamidomethyl)	72	4.21E-07	1	2122.923	1.04	Head	X:+:21357101-21357148;X:+:21357101-21357148	exon=> In CDS Exon 3 of transcript AGAP001053-PC;exon=> In CDS Exon 3 of transcript AGAP001053-PD
JHU_Ag_24495	NVEDANEDQLKDIVK	AGAP001053-PC,AGAP001053-PD	-	109	2.12E-10	1	1729.858	-1.25	Head	X:+:21347652-21347673,21357063-21357085;X:+:21347652-21347673,21357063-21357085	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_29342	WDLEYEVR	AGAP001053-PC,AGAP001053-PD	-	53	7.21E-05	2	1109.526	-0.28	Male reproductive organs	X:+:21357125-21357148;X:+:21357125-21357148	exon=> In CDS Exon 3 of transcript AGAP001053-PC;exon=> In CDS Exon 3 of transcript AGAP001053-PD
JHU_Ag_30033	NVEDANEDQLKDIVK	AGAP001053-PC,AGAP001053-PD	-	125	4.96E-12	1	1729.862	1.07	Visceras	X:+:21347652-21347673,21357063-21357085;X:+:21347652-21347673,21357063-21357085	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_30741	NVEDANEDQLK	AGAP001053-PC,AGAP001053-PD	-	44	0.000449173	2	1274.589	2.03	Visceras	X:+:21347652-21347673,21357063-21357073;X:+:21347652-21347673,21357063-21357073	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_53557	DWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	-	73	7.78E-07	2	1787.861	2.62	Midgut	X:+:21357155-21357163,21364143-21364178;X:+:21357155-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_55065	DWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	-	140	1.73E-13	2	1787.863	4.06	Pupa	X:+:21357155-21357163,21364143-21364178;X:+:21357155-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD

JHU_Ag_67039	DWEISDLNAQVNDLRGK	AGAP001053-PC,AGAP001053-PD	-	68	3.19E-06	2	1972.973	0.22	Head	X:+:21357155-21357163,21364143-21364184;X:+:21357155-21357163,21364143-21364184	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_72581	WDLEYEVR	AGAP001053-PC,AGAP001053-PD	-	54	6.42E-05	2	1109.530	3.24	Visceras	X:+:21357125-21357148;X:+:21357125-21357148	exon=> In CDS Exon 3 of transcript AGAP001053-PC;exon=> In CDS Exon 3 of transcript AGAP001053-PD
JHU_Ag_73097	NVEDANEDQLKDIVK	AGAP001053-PC,AGAP001053-PD	-	123	7.67E-12	1	1729.869	4.74	Larva	X:+:21347652-21347673,21357063-21357085;X:+:21347652-21347673,21357063-21357085	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_74407	DWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	Q10(Deamidated)	140	1.90E-13	2	1787.864	4.74	Larva	X:+:21357155-21357163,21364143-21364178;X:+:21357155-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_78796	WDLEYEVR	AGAP001053-PC,AGAP001053-PD	-	47	0.000325445	2	1109.531	4.01	Larva	X:+:21357125-21357148;X:+:21357125-21357148	exon=> In CDS Exon 3 of transcript AGAP001053-PC;exon=> In CDS Exon 3 of transcript AGAP001053-PD
JHU_Ag_80249	WDLEYEVR	AGAP001053-PC,AGAP001053-PD	-	54	6.58E-05	2	1109.526	-0.28	Pupa	X:+:21357125-21357148;X:+:21357125-21357148	exon=> In CDS Exon 3 of transcript AGAP001053-PC;exon=> In CDS Exon 3 of transcript AGAP001053-PD
JHU_Ag_80425	DWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	-	144	6.95E-14	2	1787.857	0.71	Head	X:+:21357155-21357163,21364143-21364178;X:+:21357155-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_85577	DWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	-	133	7.99E-13	1	1787.857	0.58	Male reproductive organs	X:+:21357155-21357163,21364143-21364178;X:+:21357155-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_86088	NVEDANEDQLK	AGAP001053-PC,AGAP001053-PD	-	68	1.66E-06	1	1274.590	2.8	Larva	X:+:21347652-21347673,21357063-21357073;X:+:21347652-21347673,21357063-21357073	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD

JHU_Ag_88673	RDWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	-	80	1.52E-07	2	1943.960	1.39	Visceras	X:+:21357152-21357163,21364143-21364178;X:+:21357152-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_88687	RDWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	-	108	2.92E-10	1	1943.957	0.12	Midgut	X:+:21357152-21357163,21364143-21364178;X:+:21357152-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_99846	NVEDANEDQLKDIVK	AGAP001053-PC,AGAP001053-PD	-	101	1.28E-09	2	1729.856	-2.31	Midgut	X:+:21347652-21347673,21357063-21357085;X:+:21347652-21347673,21357063-21357085	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_105069	NVEDANEDQLK	AGAP001053-PC,AGAP001053-PD	-	58	1.82E-05	2	1274.587	0.69	Pupa	X:+:21347652-21347673,21357063-21357073;X:+:21347652-21347673,21357063-21357073	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_106990	WDLEYEVR	AGAP001053-PC,AGAP001053-PD	-	55	4.74E-05	2	1109.522	-3.47	Midgut	X:+:21357125-21357148;X:+:21357125-21357148	exon=> In CDS Exon 3 of transcript AGAP001053-PC;exon=> In CDS Exon 3 of transcript AGAP001053-PD
JHU_Ag_109249	NVEDANEDQLKDIVK	AGAP001053-PC,AGAP001053-PD	-	125	4.93E-12	1	1729.862	1.22	Pupa	X:+:21347652-21347673,21357063-21357085;X:+:21347652-21347673,21357063-21357085	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD
JHU_Ag_110263	DWEISDLNAQVNDLR	AGAP001053-PC,AGAP001053-PD	-	136	4.41E-13	2	1787.859	1.46	Visceras	X:+:21357155-21357163,21364143-21364178;X:+:21357155-21357163,21364143-21364178	exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001053-PD
JHU_Ag_113903	WDLEYEVR	AGAP001053-PC,AGAP001053-PD	-	46	0.000401906	2	1109.528	1.7	Head	X:+:21357125-21357148;X:+:21357125-21357148	exon=> In CDS Exon 3 of transcript AGAP001053-PC;exon=> In CDS Exon 3 of transcript AGAP001053-PD
JHU_Ag_115120	NVEDANEDQLKDIVK	AGAP001053-PC,AGAP001053-PD	-	83	7.37E-08	1	1729.860	-0.13	Male reproductive organs	X:+:21347652-21347673,21357063-21357085;X:+:21347652-21347673,21357063-21357085	exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001053-PD

JHU_Ag_25397	EFTLEEEDKEAK	AGAP001053-PC,AGAP001053-PH,AGAP001053-PF	-	87	2.51E-08	1	1467.687	1.31	Male reproductive organs	X:+:21364380-21364409,21365651-21365656;X:+:21364380-21364409,21365651-21365656;X:+:21364380-21364409,21365651-21365656	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PH;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PF
JHU_Ag_80883	EFTLEEEDKEAK	AGAP001053-PC,AGAP001053-PH,AGAP001053-PF	-	81	1.03E-07	1	1467.685	0.22	Visceras	X:+:21364380-21364409,21365651-21365656;X:+:21364380-21364409,21365651-21365656;X:+:21364380-21364409,21365651-21365656	exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PH;exon=> In CDS Exon 5 and 6 of transcript AGAP001053-PF
JHU_Ag_15166	IEINFPAEYPFKPPK	AGAP001056-PA	-	53	4.53E-05	1	1789.958	2.87	Malpighian tubule	X:-:21756200-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_16325	IEINFPAEYPFKPPK	AGAP001056-PA	-	43	0.000528601	2	1789.954	1.11	Visceras	X:-:21756200-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_17200	IEINFPAEYPFKPPK	AGAP001056-PA	-	71	7.93E-07	1	1789.954	0.72	Male reproductive organs	X:-:21756200-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_22929	IYHPNIDEK	AGAP001056-PA	-	39	0.001188339	1	1128.569	0.4	Ovary	X:-:21756137-21756111	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_25650	DILVDETNLLLWTGLIVPDNVPYNK	AGAP001056-PA	-	67	8.05E-07	1	2854.522	-0.59	Ovary	X:-:21762186-21762228,21756047-21756213	exon=> In CDS Exon 3 and 2 of transcript AGAP001056-PA
JHU_Ag_34251	GQVCLPIISAENWKPATK	AGAP001056-PA	C4(Carbamidomethyl)	75	3.59E-07	1	2012.063	-0.33	Male reproductive organs	X:-:21756110-21756057	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_45517	IEINFPAEYPFKPPK	AGAP001056-PA	-	66	2.54E-06	1	1789.954	0.77	Head	X:-:21756200-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_64721	ADLAEEFLK	AGAP001056-PA	-	57	3.20E-05	2	1035.537	0.76	Male reproductive organs	X:-:21755925-21755899	exon=> In CDS Exon 4 of transcript AGAP001056-PA
JHU_Ag_66377	GQVCLPIISAENWKPATK	AGAP001056-PA	C4(Carbamidomethyl)	87	2.05E-08	1	2012.065	0.88	Head	X:-:21756110-21756057	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_70274	IEINFPAEYPFKPPK	AGAP001056-PA	-	53	5.30E-05	1	1789.951	-1.01	Salivary gland	X:-:21756200-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_76806	ADLAEEFLK	AGAP001056-PA	-	68	2.31E-06	1	1035.535	-1.01	Ovary	X:-:21755925-21755899	exon=> In CDS Exon 4 of transcript AGAP001056-PA
JHU_Ag_77679	TDQVIQALIELVNDPEPEHPLRADLAEEFLK	AGAP001056-PA	-	86	1.35E-08	1	3542.855	4.82	Ovary	X:-:21756056-21756233,21755830-21755899	exon=> In CDS Exon 4 and 3 of transcript AGAP001056-PA
JHU_Ag_78383	GAFRIEINFPAEYPFKPPK	AGAP001056-PA	-	35	0.002050094	1	2221.188	3.31	Malpighian tubule	X:-:21756212-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_81861	GQVCLPIISAENWKPATK	AGAP001056-PA	C4(Carbamidomethyl)	31	0.008609855	1	2012.064	0.06	Midgut	X:-:21756110-21756057	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_86144	ADLAEEFLKDR	AGAP001056-PA	-	91	1.63E-08	1	1306.666	1.89	Male reproductive organs	X:-:21755925-21755893	exon=> In CDS Exon 4 of transcript AGAP001056-PA
JHU_Ag_88113	ADLAEEFLKDR	AGAP001056-PA	-	38	0.002752193	1	1306.665	0.79	Ovary	X:-:21755925-21755893	exon=> In CDS Exon 4 of transcript AGAP001056-PA

JHU_Ag_92527	IEINFPAEYPFKPPK	AGAP001056-PA	-	68	1.58E-06	1	1789.954	0.93	Ovary	X:-:21756200-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_98026	TDQVIQALIELVNDPEPEHPLR	AGAP001056-PA	-	119	1.08E-11	1	2526.330	3.87	Malpighian tubule	X:-:21756056-21756233,21755830-21755926	exon=> In CDS Exon 4 and 3 of transcript AGAP001056-PA
JHU_Ag_107093	TDQVIQALIELVNDPEPEHPLR	AGAP001056-PA	-	153	4.38E-15	1	2526.325	2.06	Ovary	X:-:21756056-21756233,21755830-21755926	exon=> In CDS Exon 4 and 3 of transcript AGAP001056-PA
JHU_Ag_110934	IEINFPAEYPFKPPK	AGAP001056-PA	-	48	0.000131064	2	1789.963	6.02	Midgut	X:-:21756200-21756156	exon=> In CDS Exon 3 of transcript AGAP001056-PA
JHU_Ag_112708	TDQVIQALIELVNDPEPEHPLR	AGAP001056-PA	-	71	6.93E-07	3	2526.325	1.92	Head	X:-:21756056-21756233,21755830-21755926	exon=> In CDS Exon 4 and 3 of transcript AGAP001056-PA
JHU_Ag_11621	HIHNSSHCFASDDLQASNVTTESEDVK	AGAP001057-PA	C8(Carbamidomethyl)	63	4.84E-06	1	3028.349	5.16	Ovary	X:+:21771587-21771667	exon=> In CDS Exon 1 of transcript AGAP001057-PA
JHU_Ag_15277	IQSLLAQSPELK	AGAP001057-PA	-	47	0.000101335	2	1326.764	0.69	Ovary	X:+:21771272-21771307	exon=> In CDS Exon 1 of transcript AGAP001057-PA
JHU_Ag_18201	FYDFK	AGAP001057-PA	-	40	0.001158524	2	719.340	-0.3	Pupa	X:+:21771791-21771805	exon=> In CDS Exon 1 of transcript AGAP001057-PA
JHU_Ag_58291	TLAFIIPILER	AGAP001057-PA	-	51	9.22E-06	1	1285.789	1.13	Ovary	X:+:21770264-21770296	exon=> In CDS Exon 1 of transcript AGAP001057-PA
JHU_Ag_79489	TLAFIIPILER	AGAP001057-PA	-	42	8.71E-05	2	1285.789	1.13	Salivary gland	X:+:21770264-21770296	exon=> In CDS Exon 1 of transcript AGAP001057-PA
JHU_Ag_93550	VIETFQDFPLSK	AGAP001057-PA	-	55	3.74E-05	2	1423.747	0.04	Ovary	X:+:21770105-21770140	exon=> In CDS Exon 1 of transcript AGAP001057-PA
JHU_Ag_2836	RLEDLSDAIVQDFALMR	AGAP001064-PA	M16(Oxidation)	95	4.60E-09	1	2008.024	3.29	Malpighian tubule	X:-:22293499-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_8477	SYEGIGEAAK	AGAP001064-PA	-	71	1.04E-06	1	1024.495	0.06	Malpighian tubule	X:-:22308252-22308311,22293418-22293527	exon=> In CDS Exon 4 and 3 of transcript AGAP001064-PA
JHU_Ag_10853	LEDLSDAIVQDFALMR	AGAP001064-PA	M15(Oxidation)	84	5.86E-08	2	1851.922	3.24	Head	X:-:22293496-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_19298	LKPLEVDLK	AGAP001064-PA	-	51	2.16E-05	3	1054.649	-2.06	Midgut	X:-:22293526-22293500	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_19299	GIEQEVALDVKK	AGAP001064-PA	-	69	1.27E-06	2	1328.744	1.77	Malpighian tubule	X:-:22308303-22308268	exon=> In CDS Exon 3 of transcript AGAP001064-PA
JHU_Ag_22263	RLEDLSDAIVQDFALMR	AGAP001064-PA	M16(Oxidation)	90	1.50E-08	1	2008.021	1.93	Salivary gland	X:-:22293499-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_22947	GHILAQK	AGAP001064-PA	-	27	0.009456746	2	766.453	-4.88	Head	X:-:22318957-22318937	exon=> In CDS Exon 2 of transcript AGAP001064-PA
JHU_Ag_24434	LKPLEVDLKR	AGAP001064-PA	-	35	0.000374267	1	1210.753	0.89	Malpighian tubule	X:-:22293526-22293497	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_29089	LKPLEVDLK	AGAP001064-PA	-	48	4.12E-05	1	1054.650	-0.67	Male reproductive organs	X:-:22293526-22293500	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_35225	GIEQEVALDVK	AGAP001064-PA	-	85	4.15E-08	1	1200.648	0.84	Salivary gland	X:-:22308303-22308271	exon=> In CDS Exon 3 of transcript AGAP001064-PA
JHU_Ag_35364	SYEGIGEAAK	AGAP001064-PA	-	61	1.06E-05	2	1024.496	1.26	Salivary gland	X:-:22308252-22308311,22293418-22293527	exon=> In CDS Exon 4 and 3 of transcript AGAP001064-PA
JHU_Ag_41744	SYEGIGEAAK	AGAP001064-PA	-	52	7.74E-05	1	1024.495	0.02	Midgut	X:-:22308252-22308311,22293418-22293527	exon=> In CDS Exon 4 and 3 of transcript AGAP001064-PA
JHU_Ag_46880	LKPLEVDLK	AGAP001064-PA	-	51	2.31E-05	1	1054.652	0.76	Salivary gland	X:-:22293526-22293500	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_47431	GIEQEVALDVK	AGAP001064-PA	-	58	2.08E-05	2	1200.642	-4.04	Midgut	X:-:22308303-22308271	exon=> In CDS Exon 3 of transcript AGAP001064-PA

JHU_Ag_54557	RLEDLSDAIVQDFALMR	AGAP001064-PA	M16(Oxidation)	55	4.80E-05	1	2008.020	1.56	Head	X:-:22293499-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_60322	RLEDLSDAIVQDFALMR	AGAP001064-PA	M16(Oxidation)	64	7.08E-06	1	2008.024	3.48	Larva	X:-:22293499-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_62120	GIEQEVALDVKK	AGAP001064-PA	-	53	4.73E-05	1	1328.742	-0.34	Midgut	X:-:22308303-22308268	exon=> In CDS Exon 3 of transcript AGAP001064-PA
JHU_Ag_62416	RLEDLSDAIVQDFALMR	AGAP001064-PA	M16(Oxidation)	79	1.84E-07	1	2008.016	-0.35	Ovary	X:-:22293499-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_65465	IDYVVR	AGAP001064-PA	-	39	0.001267033	2	764.430	0.43	Salivary gland	X:-:22319042-22319207,22318852-22318967	exon=> In CDS Exon 2 and 1 of transcript AGAP001064-PA
JHU_Ag_73763	LEDLSDAIVQDFALMR	AGAP001064-PA	M15(Oxidation)	71	1.28E-06	1	1851.920	2.41	Malpighian tubule	X:-:22293496-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_78697	LKPLEVDLK	AGAP001064-PA	-	46	6.40E-05	1	1054.646	-4.4	Head	X:-:22293526-22293500	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_86490	GIEQEVALDVKK	AGAP001064-PA	-	65	2.97E-06	2	1328.743	0.39	Salivary gland	X:-:22308303-22308268	exon=> In CDS Exon 3 of transcript AGAP001064-PA
JHU_Ag_87694	IDYVVR	AGAP001064-PA	-	38	0.001434788	2	764.431	0.59	Malpighian tubule	X:-:22319042-22319207,22318852-22318967	exon=> In CDS Exon 2 and 1 of transcript AGAP001064-PA
JHU_Ag_92573	LKPLEVDLKR	AGAP001064-PA	-	34	0.000471965	1	1210.752	0.06	Midgut	X:-:22293526-22293497	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_97318	RLEDLSDAIVQDFALMR	AGAP001064-PA	M16(Oxidation)	71	1.33E-06	1	2008.017	-0.17	Midgut	X:-:22293499-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_98676	LEDLSDAIVQDFALMR	AGAP001064-PA	M15(Oxidation)	104	6.13E-10	1	1851.920	2.52	Midgut	X:-:22293496-22293449	exon=> In CDS Exon 4 of transcript AGAP001064-PA
JHU_Ag_107641	APGQKIDYVVR	AGAP001064-PA	-	51	8.25E-05	1	1245.695	0.25	Malpighian tubule	X:-:22319057-22319207,22318852-22318967	exon=> In CDS Exon 2 and 1 of transcript AGAP001064-PA
JHU_Ag_113159	IDYVVR	AGAP001064-PA	-	33	0.003980761	2	764.429	-1.17	Head	X:-:22319042-22319207,22318852-22318967	exon=> In CDS Exon 2 and 1 of transcript AGAP001064-PA
JHU_Ag_115116	DEMHGNQIVAGEYEITK	AGAP001064-PA	M3(Oxidation)	89	1.56E-08	1	1949.891	-0.05	Midgut	X:-:22319108-22319058	exon=> In CDS Exon 1 of transcript AGAP001064-PA
JHU_Ag_2627	LLHETLWDQDPELMDLIR	AGAP001065-PG	M14(Oxidation)	77	3.53E-07	1	2253.120	-0.98	Ovary	X:+:22328637-22328690	exon=> In CDS Exon 1 of transcript AGAP001065-PG
JHU_Ag_4597	VIIAGISCYSR	AGAP001065-PG	C8(Carbamidomethyl)	67	2.39E-06	1	1238.654	-1.51	Midgut	X:+:22329270-22329302	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_4824	DMQQVVEFIDR	AGAP001065-PG	-	70	1.64E-06	2	1379.662	-0.57	Visceras	X:+:22329927-22329959	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_8541	YSEGLPGQR	AGAP001065-PG	-	42	0.001012352	2	1006.496	1.05	Ovary	X:+:22328793-22328818,22328924-22328924	exon=> In CDS Exon 1 and 2 of transcript AGAP001065-PG
JHU_Ag_9776	VIIAGISCYSR	AGAP001065-PG	C8(Carbamidomethyl)	76	2.64E-07	1	1238.658	1.64	Ovary	X:+:22329270-22329302	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_10488	AGVIFFRK	AGAP001065-PG	-	55	8.84E-06	1	937.562	0.61	Malpighian tubule	X:+:22329471-22329494	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_11514	IMGLDLPDGGHLTHGFMTQTK	AGAP001065-PG	M2(Oxidation), M17(Oxidation)	87	3.35E-08	1	2301.099	-0.68	Ovary	X:+:22329093-22329155	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_15003	LSKEIANVSGPK	AGAP001065-PG	-	70	8.86E-07	1	1242.706	0.55	Malpighian tubule	X:+:22329969-22330004	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_15679	AEYILEEISIACNK	AGAP001065-PG	C12(Carbamidomethyl)	85	5.51E-08	2	1652.825	3.28	Visceras	X:+:22329795-22329836	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_15789	AEYILEEISIACNK	AGAP001065-PG	C12(Carbamidomethyl)	82	9.75E-08	2	1652.824	2.32	Malpighian tubule	X:+:22329795-22329836	exon=> In CDS Exon 2 of transcript AGAP001065-PG

JHU_Ag_16016	LLHETLWDQDPELMDLIR	AGAP001065-PG	M14(Oxidation)	72	9.00E-07	1	2237.132	2.26	Malpighian tubule	X:+:22328637-22328690	exon=> In CDS Exon 1 of transcript AGAP001065-PG
JHU_Ag_16494	INQAVFPGLQGGPHNHAIAGIATCMLQAQSPEFR	AGAP001065-PG	C24(Carbamidomethyl), M25(Oxidation)	81	8.27E-08	1	3646.797	-1.15	Ovary	X:+:22329552-22329653	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_17796	AGVIFFR	AGAP001065-PG	-	47	0.000132085	2	809.467	0.03	Malpighian tubule	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_18290	IMGLDLPDGGHLTHGFMTQTK	AGAP001065-PG	-	36	0.004996157	1	2269.116	2.42	Visceras	X:+:22329093-22329155	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_18620	NTVPGDKSALNPSGIR	AGAP001065-PG	-	82	6.63E-08	1	1625.860	-0.52	Malpighian tubule	X:+:22329837-22329884	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_23132	ILHEDSTFSEK	AGAP001065-PG	-	51	0.000110455	1	1305.631	-0.59	Ovary	X:+:22330023-22330055	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_27162	YYGGNEFIDQIELLAQK	AGAP001065-PG	-	61	1.19E-05	2	2001.008	5.82	Malpighian tubule	X:+:22328925-22328975	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_27714	SALNPSGIR	AGAP001065-PG	-	47	0.000218991	1	914.505	-0.04	Visceras	X:+:22329858-22329884	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_28621	VDPVTGLIDYDK	AGAP001065-PG	-	48	0.000339822	2	1334.687	2.11	Ovary	X:+:22329201-22329236	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_28681	YYGGNEFIDQIELLAQK	AGAP001065-PG	-	115	4.70E-11	1	2000.998	1	Salivary gland	X:+:22328925-22328975	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_29707	VIIAGISCYSR	AGAP001065-PG	C8(Carbamidomethyl)	51	8.04E-05	2	1238.658	1.54	Head	X:+:22329270-22329302	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_30731	AEYILEEISIACNK	AGAP001065-PG	C12(Carbamidomethyl)	102	1.13E-09	1	1652.826	3.87	Head	X:+:22329795-22329836	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_30867	ALCAGLLEKGYSVATGGTDVHLVLVDLRPVAITGAR	AGAP001065-PG	C3(Carbamidomethyl)	107	3.56E-11	1	3693.029	3.69	Malpighian tubule	X:+:22329687-22329794	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_32419	DMQQVVEFIDR	AGAP001065-PG	M2(Oxidation)	91	1.21E-08	2	1395.658	0.55	Head	X:+:22329927-22329959	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_32954	INQAVFPGLQGGPHNHAIAGIATCMLQAQSPEFR	AGAP001065-PG	C24(Carbamidomethyl), M25(Oxidation)	93	6.09E-09	1	3646.805	1.08	Head	X:+:22329552-22329653	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_35886	GYSVATGGTDVHLVLVDLRPVAITGAR	AGAP001065-PG	-	134	1.33E-13	1	2737.503	1.38	Visceras	X:+:22329714-22329794	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_35984	LSPEEWGCNVQPYSGSPANFAVYTALIEPHGR	AGAP001065-PG	C8(Carbamidomethyl)	97	2.45E-09	1	3546.679	1.06	Visceras	X:+:22328997-22329092	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_38517	AGVIFFR	AGAP001065-PG	-	47	0.000104517	1	809.466	-1.33	Head	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_39398	AEYILEEISIACNKNTVPGDK	AGAP001065-PG	C12(Carbamidomethyl)	110	1.44E-10	1	2364.182	2.92	Malpighian tubule	X:+:22329795-22329857	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_43325	LGTPALTTR	AGAP001065-PG	-	55	4.23E-05	2	929.542	0.51	Malpighian tubule	X:+:22329885-22329911	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_44664	AGVIFFR	AGAP001065-PG	-	46	0.000147716	2	809.468	1.54	Larva	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_52874	YYGGNEFIDQIELLAQK	AGAP001065-PG	-	136	4.66E-13	1	2000.997	0.09	Ovary	X:+:22328925-22328975	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_53571	LLHETLWDQDPELMDLIRK	AGAP001065-PG	-	111	8.17E-11	1	2365.230	3.19	Malpighian tubule	X:+:22328637-22328693	exon=> In CDS Exon 1 of transcript AGAP001065-PG
JHU_Ag_54705	YYGGNEFIDQIELLAQKR	AGAP001065-PG	-	56	2.80E-05	1	2157.099	0.68	Midgut	X:+:22328925-22328978	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_56826	AEYILEEISIACNK	AGAP001065-PG	C12(Carbamidomethyl)	52	0.00011522	2	1652.823	1.58	Ovary	X:+:22329795-22329836	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_58546	LSPEEWGCNVQPYSGSPANFAVYTALIEPHGR	AGAP001065-PG	C8(Carbamidomethyl)	141	1.10E-13	1	3546.684	2.71	Malpighian tubule	X:+:22328997-22329092	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_62059	ALCAGLLEK	AGAP001065-PG	C3(Carbamidomethyl)	73	8.21E-07	1	974.534	0.44	Malpighian tubule	X:+:22329687-22329713	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_63771	DMQQVVEFIDR	AGAP001065-PG	M2(Oxidation)	87	3.22E-08	2	1395.659	1.07	Ovary	X:+:22329927-22329959	exon=> In CDS Exon 2 of transcript AGAP001065-PG

JHU_Ag_64517	YYGGNEFIDQIELLAQK	AGAP001065-PG	-	96	4.23E-09	1	2000.995	-0.76	Head	X:+:22328925-22328975	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_67008	ALCAGLLEK	AGAP001065-PG	C3(Carbamidomethyl)	58	2.33E-05	1	974.534	-0.13	Ovary	X:+:22329687-22329713	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_68389	AGVIFFR	AGAP001065-PG	-	47	0.000121577	2	809.466	-0.8	Salivary gland	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_68662	AGVIFFR	AGAP001065-PG	-	47	0.000109358	1	809.468	0.93	Ovary	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_68854	ALEAYRLSPEEWGCNVQPYSGSPANFAVYTALIEPHGR	AGAP001065-PG	C14(Carbamidomethyl)	117	1.88E-11	1	4250.051	2.65	Malpighian tubule	X:+:22328979-22329092	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_71132	YYGGNEFIDQIELLAQK	AGAP001065-PG	-	43	0.000886236	2	2000.991	-2.6	Midgut	X:+:22328925-22328975	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_71921	SALNPSGIR	AGAP001065-PG	-	42	0.000667041	2	914.503	-2.64	Head	X:+:22329858-22329884	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_72871	IMGLDLPDGGHLTHGFMTQTK	AGAP001065-PG	M2(Oxidation), M17(Oxidation)	46	0.000455769	1	2301.104	1.66	Salivary gland	X:+:22329093-22329155	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_72881	ILHEDSTFSEK	AGAP001065-PG	-	77	2.86E-07	1	1305.633	0.9	Visceras	X:+:22330023-22330055	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_73979	AGVIFFR	AGAP001065-PG	-	38	0.000868664	2	809.466	-0.87	Pupa	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_74301	VIIAGISCYSR	AGAP001065-PG	C8(Carbamidomethyl)	91	7.72E-09	1	1238.657	0.95	Visceras	X:+:22329270-22329302	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_78074	YYGGNEFIDQIELLAQKR	AGAP001065-PG	-	153	6.32E-15	1	2157.102	2.1	Malpighian tubule	X:+:22328925-22328978	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_79720	VIIAGISCYSR	AGAP001065-PG	C8(Carbamidomethyl)	57	2.36E-05	2	1238.658	1.84	Male reproductive organs	X:+:22329270-22329302	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_81493	GYSVATGGTDVHLVLVDLRPVAITGAR	AGAP001065-PG	-	47	6.50E-05	1	2737.512	4.52	Pupa	X:+:22329714-22329794	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_82292	LLHETLWDQDPELMDLIR	AGAP001065-PG	M14(Oxidation)	74	5.57E-07	1	2237.136	3.97	Visceras	X:+:22328637-22328690	exon=> In CDS Exon 1 of transcript AGAP001065-PG
JHU_Ag_82828	ISATSIFFESMPYK	AGAP001065-PG	-	102	1.27E-09	1	1620.797	-0.51	Head	X:+:22329159-22329200	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_83543	ILHEDSTFSEK	AGAP001065-PG	-	56	3.97E-05	1	1305.632	0.25	Head	X:+:22330023-22330055	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_85289	LSPEEWGCNVQPYSGSPANFAVYTALIEPHGR	AGAP001065-PG	C8(Carbamidomethyl)	53	5.82E-05	3	3546.685	2.91	Salivary gland	X:+:22328997-22329092	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_86854	VIIAGISCYSR	AGAP001065-PG	C8(Carbamidomethyl)	59	1.22E-05	2	1238.657	0.95	Malpighian tubule	X:+:22329270-22329302	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_87242	GYSVATGGTDVHLVLVDLRPVAITGAR	AGAP001065-PG	-	103	1.60E-10	1	2737.520	7.4	Malpighian tubule	X:+:22329714-22329794	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_88232	EIANVSGPK	AGAP001065-PG	-	66	2.49E-06	1	914.495	1.18	Malpighian tubule	X:+:22329978-22330004	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_88382	VDPVTGLIDYDKMEETAR	AGAP001065-PG	-	60	1.81E-05	1	2051.992	-1.47	Visceras	X:+:22329201-22329254	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_89226	ILHEDSTFSEK	AGAP001065-PG	-	46	0.000366281	1	1305.630	-1.53	Malpighian tubule	X:+:22330023-22330055	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_90366	YSEGLPGQR	AGAP001065-PG	-	34	0.005660354	2	1006.494	-1.44	Head	X:+:22328793-22328818,22328924-22328924	exon=> In CDS Exon 1 and 2 of transcript AGAP001065-PG
JHU_Ag_91177	GYSVATGGTDVHLVLVDLRPVAITGAR	AGAP001065-PG	-	128	6.09E-13	1	2737.502	0.78	Ovary	X:+:22329714-22329794	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_91294	LSPEEWGCNVQPYSGSPANFAVYTALIEPHGR	AGAP001065-PG	C8(Carbamidomethyl)	117	2.87E-11	1	3546.676	0.44	Head	X:+:22328997-22329092	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_92143	GYSVATGGTDVHLVLVDLRPVAITGAR	AGAP001065-PG	-	134	1.42E-13	1	2737.511	4.26	Salivary gland	X:+:22329714-22329794	exon=> In CDS Exon 2 of transcript AGAP001065-PG

JHU_Ag_92898	GYSVATGGTDVHLVLVDLRPVAITGAR	AGAP001065-PG	-	143	1.65E-14	1	2737.506	2.32	Head	X:+:22329714-22329794	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_94028	YSEGLPGQR	AGAP001065-PG	-	40	0.001739391	2	1006.495	0.14	Visceras	X:+:22328793-22328818,22328924-22328924	exon=> In CDS Exon 1 and 2 of transcript AGAP001065-PG
JHU_Ag_94526	GLEMIASENFTSLSVLQCLSSCLHNK	AGAP001065-PG	C18(Carbamidomethyl), C22(Carbamidomethyl)	55	5.00E-05	1	2938.409	-0.76	Head	X:+:22328715-22328792	exon=> In CDS Exon 1 of transcript AGAP001065-PG
JHU_Ag_98214	VDPVTGLIDYDK	AGAP001065-PG	-	90	2.03E-08	2	1334.685	0.83	Head	X:+:22329201-22329236	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_98686	YYGGNEFIDQIELLAQK	AGAP001065-PG	-	131	1.22E-12	1	2000.998	1	Visceras	X:+:22328925-22328975	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_99772	SALNPSGIR	AGAP001065-PG	-	42	0.00073544	1	914.506	0.57	Ovary	X:+:22329858-22329884	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_101154	AGVIFFR	AGAP001065-PG	-	41	0.000512687	2	809.466	-0.5	Visceras	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_101783	AEYILEEISIACNK	AGAP001065-PG	C12(Carbamidomethyl)	71	1.51E-06	1	1652.826	3.35	Salivary gland	X:+:22329795-22329836	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_103309	RALEAYR	AGAP001065-PG	-	40	0.001403227	2	878.483	-1.61	Head	X:+:22328976-22328996	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_104116	VIIAGISCYSR	AGAP001065-PG	C8(Carbamidomethyl)	78	1.71E-07	1	1238.659	1.94	Salivary gland	X:+:22329270-22329302	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_104274	DMQQVVEFIDR	AGAP001065-PG	-	69	2.04E-06	2	1379.659	-2.16	Midgut	X:+:22329927-22329959	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_104470	ALCAGLLEK	AGAP001065-PG	C3(Carbamidomethyl)	62	1.10E-05	1	974.534	-0.19	Salivary gland	X:+:22329687-22329713	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_105752	AYQEQVIK	AGAP001065-PG	-	45	0.000473002	1	978.525	-0.25	Malpighian tubule	X:+:22329654-22329677	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_108333	IMGLDLPDGGHLTHGFMTQTK	AGAP001065-PG	M2(Oxidation), M17(Oxidation)	89	2.22E-08	1	2301.103	1.02	Head	X:+:22329093-22329155	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_108601	YYGGNEFIDQIELLAQKR	AGAP001065-PG	-	64	4.27E-06	1	2157.101	1.61	Male reproductive organs	X:+:22328925-22328978	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_111781	ISATSIFFESMPYK	AGAP001065-PG	M11(Oxidation)	82	1.14E-07	1	1636.789	-2.02	Ovary	X:+:22329159-22329200	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_112000	YYGGNEFIDQIELLAQKR	AGAP001065-PG	-	97	2.23E-09	1	2157.102	1.87	Visceras	X:+:22328925-22328978	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_113306	AGVIFFR	AGAP001065-PG	-	47	0.000128189	2	809.468	1.01	Male reproductive organs	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_113401	ISATSIFFESMPYK	AGAP001065-PG	-	93	9.27E-09	2	1620.799	0.62	Visceras	X:+:22329159-22329200	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_113604	GLLEKDMQQVVEFIDR	AGAP001065-PG	M7(Oxidation)	57	3.43E-05	1	1935.986	0.94	Malpighian tubule	X:+:22329912-22329959	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_114646	AGVIFFR	AGAP001065-PG	-	41	0.000503329	2	809.467	0.26	Midgut	X:+:22329471-22329491	exon=> In CDS Exon 2 of transcript AGAP001065-PG
JHU_Ag_117520	GLEMIASENFTSLSVLQCLSSCLHNK	AGAP001065-PG	M4(Oxidation), C18(Carbamidomethyl), C22(Carbamidomethyl)	106	3.80E-10	1	2954.406	-0.05	Ovary	X:+:22328715-22328792	exon=> In CDS Exon 1 of transcript AGAP001065-PG
JHU_Ag_66530	VHLPEHYPFK	AGAP001068-PA	-	58	1.97E-05	1	1266.661	-1.45	Head	X:-:22390993-22390964	exon=> In CDS Exon 1 of transcript AGAP001068-PA
JHU_Ag_99093	VHLPEHYPFK	AGAP001068-PA	-	38	0.001838322	1	1266.669	4.34	Ovary	X:-:22390993-22390964	exon=> In CDS Exon 1 of transcript AGAP001068-PA
JHU_Ag_3059	TEEVADQVIR	AGAP001069-PA	-	39	0.001950052	2	1159.598	1.99	Malpighian tubule	X:-:22487971-22488001,22455323-22456076	exon=> In CDS Exon 2 and 1 of transcript AGAP001069-PA

JHU_Ag_4981	GKHVLPHVAR	AGAP001069-PA	-	35	0.001568 05	1	1113.669	4.14	Larva	X:-:22456072-22456043	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_12831	SLFAGIPSLGENKPK	AGAP001069-PA	-	66	1.85E-06	1	1557.865	0.92	Larva	X:-:22455715-22455671	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_17147	LCLIATFLEDGIR	AGAP001069-PA	C2(Carbamidomethyl)	95	3.11E-09	1	1520.820	3.81	Larva	X:-:22456042-22456004	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_22772	MWVQWNEQR	AGAP001069-PA	M1(Oxidation)	42	0.000570 164	2	1292.585	0.97	Male reproductive organs	X:-:22456003-22455977	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_23426	MWVQWNEQR	AGAP001069-PA	M1(Oxidation)	45	0.000331 822	2	1292.590	4.46	Larva	X:-:22456003-22455977	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_23829	SLFAGIPSLGENKPK	AGAP001069-PA	-	54	2.76E-05	1	1557.866	1.63	Malpighian tubule	X:-:22455715-22455671	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_25066	LCLIATFLEDGIR	AGAP001069-PA	C2(Carbamidomethyl)	105	3.28E-10	1	1520.816	1.16	Salivary gland	X:-:22456042-22456004	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_35030	TEEVADQVIR	AGAP001069-PA	-	69	2.39E-06	2	1159.598	2.09	Larva	X:-:22487971-22488001,22455323-22456076	exon=> In CDS Exon 2 and 1 of transcript AGAP001069-PA
JHU_Ag_36949	SFMQLAGR	AGAP001069-PA	M3(Oxidation)	46	0.000222 826	1	925.459	3.47	Larva	X:-:22455670-22455647	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_39715	MWVQWNEQR	AGAP001069-PA	M1(Oxidation)	56	2.41E-05	2	1292.584	-0.36	Midgut	X:-:22456003-22455977	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_42028	SLFAGIPSLGENKPK	AGAP001069-PA	-	67	1.54E-06	1	1557.863	-0.49	Midgut	X:-:22455715-22455671	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_47450	TEEVADQVIRK	AGAP001069-PA	-	53	7.47E-05	2	1287.691	0.37	Male reproductive organs	X:-:22487971-22488001,22455323-22456073	exon=> In CDS Exon 2 and 1 of transcript AGAP001069-PA
JHU_Ag_58077	TEEVADQVIRK	AGAP001069-PA	-	37	0.002632 464	1	1287.695	3.68	Midgut	X:-:22487971-22488001,22455323-22456073	exon=> In CDS Exon 2 and 1 of transcript AGAP001069-PA
JHU_Ag_58758	SLFAGIPSLGENKPK	AGAP001069-PA	-	61	5.55E-06	1	1557.865	0.92	Male reproductive organs	X:-:22455715-22455671	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_64821	TEEVADQVIR	AGAP001069-PA	-	43	0.000819 97	2	1159.596	0.93	Salivary gland	X:-:22487971-22488001,22455323-22456076	exon=> In CDS Exon 2 and 1 of transcript AGAP001069-PA
JHU_Ag_70709	LCLIATFLEDGIR	AGAP001069-PA	C2(Carbamidomethyl)	99	1.10E-09	2	1520.819	3.08	Midgut	X:-:22456042-22456004	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_80356	SLFAGIPSLGENKPK	AGAP001069-PA	-	39	0.000912 709	1	1557.866	1.71	Ovary	X:-:22455715-22455671	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_85395	MNIPNQYIEKTEEVADQVIR	AGAP001069-PA	N-Term(Acetyl), M1(Oxidation)	58	2.41E-05	1	2448.221	5.53	Malpighian tubule	X:-:22488001-22488001,22455323-22456076	exon=> In CDS Exon 2 and 1 of transcript AGAP001069-PA
JHU_Ag_97625	SLFAGIPSLGENKPK	AGAP001069-PA	-	47	0.000163 79	1	1557.869	3.27	Pupa	X:-:22455715-22455671	exon=> In CDS Exon 2 of transcript AGAP001069-PA
JHU_Ag_110137	MNIPNQYIEK	AGAP001069-PA	N-Term(Acetyl), M1(Oxidation)	49	0.000237 437	2	1307.632	1.3	Male reproductive organs	X:-:22488001-22487972	exon=> In CDS Exon 1 of transcript AGAP001069-PA
JHU_Ag_111253	MNIPNQYIEKTEEVADQVIR	AGAP001069-PA	N-Term(Acetyl), M1(Oxidation)	69	1.81E-06	2	2448.200	-3.31	Midgut	X:-:22488001-22488001,22455323-22456076	exon=> In CDS Exon 2 and 1 of transcript AGAP001069-PA
JHU_Ag_16907	TFCSMNAMK	AGAP001073-PC	C3(Carbamidomethyl), N6(Deamidated), M8(Oxidation)	28	0.000748 536	1	1106.418	-11.92	Midgut	X:+:22847594-22847620	exon=> In CDS Exon 5 of transcript AGAP001073-PC
JHU_Ag_46524	TFCSMNAMK	AGAP001073-PC	C3(Carbamidomethyl), N6(Deamidated), M8(Oxidation)	15	0.017457 016	2	1106.416	-14.13	Midgut	X:+:22847594-22847620	exon=> In CDS Exon 5 of transcript AGAP001073-PC

JHU_Ag_51923	TFCSMNAMK	AGAP001073-PC	C3(Carbamidomethyl), N6(Deamidated), M8(Oxidation)	19	0.004898465	2	1106.421	-9.39	Malpighian tubule	X:+:22847594-22847620	exon=> In CDS Exon 5 of transcript AGAP001073-PC
JHU_Ag_70650	TFCSMNAMK	AGAP001073-PC	C3(Carbamidomethyl), N6(Deamidated), M8(Oxidation)	18	0.006519473	2	1106.418	-12.04	Head	X:+:22847594-22847620	exon=> In CDS Exon 5 of transcript AGAP001073-PC
JHU_Ag_73195	TFCSMNAMK	AGAP001073-PC	C3(Carbamidomethyl), N6(Deamidated), M8(Oxidation)	29	0.000570443	1	1106.419	-11.59	Malpighian tubule	X:+:22847594-22847620	exon=> In CDS Exon 5 of transcript AGAP001073-PC
JHU_Ag_88189	TFCSMNAMK	AGAP001073-PC	C3(Carbamidomethyl), N6(Deamidated), M8(Oxidation)	28	0.000809 04	2	1106.417	-13.14	Head	X:+:22847594-22847620	exon=> In CDS Exon 5 of transcript AGAP001073-PC
JHU_Ag_98887	TFCSMNAMK	AGAP001073-PC	C3(Carbamidomethyl), N6(Deamidated), M8(Oxidation)	29	0.000575722	1	1106.419	-11.15	Visceras	X:+:22847594-22847620	exon=> In CDS Exon 5 of transcript AGAP001073-PC
JHU_Ag_27911	IILSTILR	AGAP001076-PB	-	61	4.64E-07	2	928.619	-0.28	Pupa	X:-:22938087-22938064	exon=> In CDS Exon 5 of transcript AGAP001076-PB
JHU_Ag_107990	IILSTILR	AGAP001076-PB	-	46	1.95E-05	2	928.615	-4.22	Visceras	X:-:22938087-22938064	exon=> In CDS Exon 5 of transcript AGAP001076-PB
JHU_Ag_1333	TNTVEGLSFGQSSNLKDDLDVEENDVGEK	AGAP001076-PB,AGAP001076-PD	-	157	2.64E-15	1	3139.460	1.46	Visceras	X:-:22938839-22938753;X:-:22938839-22938753	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_4003	SFIDLFNENSR	AGAP001076-PB,AGAP001076-PD	-	75	3.57E-07	2	1341.644	0.6	Visceras	X:-:22944491-22944459;X:-:22944491-22944459	exon=> In CDS Exon 3 of transcript AGAP001076-PB;exon=> In CDS Exon 3 of transcript AGAP001076-PD
JHU_Ag_6715	GSLATTSINTVNIEK	AGAP001076-PB,AGAP001076-PD	-	62	7.18E-06	2	1547.832	2.9	Malpighian tubule	X:-:22938905-22938861;X:-:22938905-22938861	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_13554	HMLELAER	AGAP001076-PB,AGAP001076-PD	M2(Oxidation)	42	0.0007368	2	1014.508	3.99	Larva	X:-:22946522-22946499;X:-:22946522-22946499	exon=> In CDS Exon 1 of transcript AGAP001076-PB;exon=> In CDS Exon 1 of transcript AGAP001076-PD
JHU_Ag_21114	SFIDLFNENSR	AGAP001076-PB,AGAP001076-PD	-	79	1.33E-07	2	1341.647	2.78	Ovary	X:-:22944491-22944459;X:-:22944491-22944459	exon=> In CDS Exon 3 of transcript AGAP001076-PB;exon=> In CDS Exon 3 of transcript AGAP001076-PD
JHU_Ag_23120	DDLDVEENDVGEK	AGAP001076-PB,AGAP001076-PD	-	113	2.92E-11	1	1476.637	1.98	Head	X:-:22938791-22938753;X:-:22938791-22938753	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_31915	KLIAPTFHLNVLK	AGAP001076-PB,AGAP001076-PD	-	45	2.81E-05	1	1493.923	1.66	Malpighian tubule	X:-:22944530-22944492;X:-:22944530-22944492	exon=> In CDS Exon 3 of transcript AGAP001076-PB;exon=> In CDS Exon 3 of transcript AGAP001076-PD
JHU_Ag_31960	GLPLIGNALDLVGSSHSVFR	AGAP001076-PB,AGAP001076-PD	-	69	6.01E-07	1	2052.135	5.53	Larva	X:-:22946483-22946654,22945133-22945320;X:-:22946483-22946654,22945133-22945320	exon=> In CDS Exon 2 and 1 of transcript AGAP001076-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP001076-PD

JHU_Ag_40690	KLIAPTFHLNVLK	AGAP001076-PB,AGAP001076-PD	-	38	0.000130442	1	1493.922	1.42	Pupa	X:-:22944530-22944492;X:-:22944530-22944492	exon=> In CDS Exon 3 of transcript AGAP001076-PB;exon=> In CDS Exon 3 of transcript AGAP001076-PD
JHU_Ag_45460	GSLATTSINTVNIEK	AGAP001076-PB,AGAP001076-PD	-	69	1.29E-06	2	1547.830	1.48	Pupa	X:-:22938905-22938861;X:-:22938905-22938861	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_45509	LIVFLVDPR	AGAP001076-PB,AGAP001076-PD	-	48	5.05E-05	2	1071.658	1.62	Pupa	X:-:22945259-22945233;X:-:22945259-22945233	exon=> In CDS Exon 2 of transcript AGAP001076-PB;exon=> In CDS Exon 2 of transcript AGAP001076-PD
JHU_Ag_46790	GSLATTSINTVNIEK	AGAP001076-PB,AGAP001076-PD	-	49	0.000155625	2	1547.831	2.11	Male reproductive organs	X:-:22938905-22938861;X:-:22938905-22938861	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_61881	GSLATTSINTVNIEK	AGAP001076-PB,AGAP001076-PD	-	61	8.10E-06	2	1547.831	2.35	Ovary	X:-:22938905-22938861;X:-:22938905-22938861	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_71038	SFIDLFNENSR	AGAP001076-PB,AGAP001076-PD	-	49	0.000129167	2	1341.644	0.23	Head	X:-:22944491-22944459;X:-:22944491-22944459	exon=> In CDS Exon 3 of transcript AGAP001076-PB;exon=> In CDS Exon 3 of transcript AGAP001076-PD
JHU_Ag_74419	LASSDIVVPAGATITVATFK	AGAP001076-PB,AGAP001076-PD	-	34	0.001447428	2	1961.099	1.7	Visceras	X:-:22938416-22938357;X:-:22938416-22938357	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_79322	TNTVEGLSFGQSSNLKDDLDVEENDVGEK	AGAP001076-PB,AGAP001076-PD	-	52	7.68E-05	1	3139.453	-0.75	Malpighian tubule	X:-:22938839-22938753;X:-:22938839-22938753	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_81132	LESIYPNPDVFNPDNFLPEK	AGAP001076-PB,AGAP001076-PD	-	66	3.74E-06	1	2348.157	5.29	Pupa	X:-:22938347-22938288;X:-:22938347-22938288	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_86355	LLNTIHSLTK	AGAP001076-PB,AGAP001076-PD	-	42	0.000155074	1	1139.678	-0.22	Head	X:-:22938980-22938951;X:-:22938980-22938951	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_86791	LESIYPNPDVFNPDNFLPEK	AGAP001076-PB,AGAP001076-PD	-	53	7.77E-05	2	2348.152	3.11	Head	X:-:22938347-22938288;X:-:22938347-22938288	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_90729	LIVFLVDPR	AGAP001076-PB,AGAP001076-PD	-	36	0.000893398	2	1071.658	1.62	Larva	X:-:22945259-22945233;X:-:22945259-22945233	exon=> In CDS Exon 2 of transcript AGAP001076-PB;exon=> In CDS Exon 2 of transcript AGAP001076-PD
JHU_Ag_99479	LASSDIVVPAGATITVATFK	AGAP001076-PB,AGAP001076-PD	-	48	4.88E-05	2	1961.103	3.69	Pupa	X:-:22938416-22938357;X:-:22938416-22938357	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_111900	LESIYPNPDVFNPDNFLPEK	AGAP001076-PB,AGAP001076-PD	-	58	2.89E-05	2	2348.151	2.8	Visceras	X:-:22938347-22938288;X:-:22938347-22938288	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD

JHU_Ag_113387	LESIYPNPDVFNPDNFLPEK	AGAP001076-PB,AGAP001076-PD	-	44	0.000665439	2	2348.151	2.59	Ovary	X:-:22938347-22938288;X:-:22938347-22938288	exon=> In CDS Exon 4 of transcript AGAP001076-PB;exon=> In CDS Exon 4 of transcript AGAP001076-PD
JHU_Ag_113751	SFIDLFNENSR	AGAP001076-PB,AGAP001076-PD	-	81	9.17E-08	2	1341.646	2.24	Pupa	X:-:22944491-22944459;X:-:22944491-22944459	exon=> In CDS Exon 3 of transcript AGAP001076-PB;exon=> In CDS Exon 3 of transcript AGAP001076-PD
JHU_Ag_20387	ANRPSTLLTNDENDQLFR	AGAP001081-PA	-	62	9.45E-06	1	2104.043	0.43	Ovary	X:-:23373869-23373816	exon=> In CDS Exon 1 of transcript AGAP001081-PA
JHU_Ag_29536	ANRPSTLLTNDENDQLFR	AGAP001081-PA	-	88	2.53E-08	1	2104.044	0.86	Malpighian tubule	X:-:23373869-23373816	exon=> In CDS Exon 1 of transcript AGAP001081-PA
JHU_Ag_85563	ANRPSTLLTNDENDQLFR	AGAP001081-PA	-	77	2.88E-07	1	2104.045	1.47	Midgut	X:-:23373869-23373816	exon=> In CDS Exon 1 of transcript AGAP001081-PA
JHU_Ag_617	LIDQYGEFIIK	AGAP001082-PB,AGAP001082-PA	-	67	1.74E-06	2	1338.736	3.89	Visceras	X:-:23468064-23468032;X:-:23468064-23468032	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_1514	YIDQHSDQIIDLVMK	AGAP001082-PB,AGAP001082-PA	M14(Oxidation)	110	1.40E-10	1	1817.920	5.13	Visceras	X:-:23477148-23477104;X:-:23477148-23477104	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_1538	YIDQHSDQIIDLVMK	AGAP001082-PB,AGAP001082-PA	M14(Oxidation)	129	2.05E-12	1	1833.913	4.33	Malpighian tubule	X:-:23477148-23477104;X:-:23477148-23477104	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_6657	ECTWGPSYWCSNIENAK	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	95	1.33E-09	2	2101.877	1.4	Midgut	X:-:23486169-23486240,23477034-23479177;X:-:23486169-23486240,23477034-23479177	exon=> In CDS Exon 3 and 2 of transcript AGAP001082-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP001082-PA
JHU_Ag_8156	AVFEGSCNLIPIKLVK	AGAP001082-PB,AGAP001082-PA	C7(Carbamidomethyl)	78	5.61E-08	1	1788.018	4.88	Malpighian tubule	X:-:23479026-23478979;X:-:23479026-23478979	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_9992	FLQTLPPK	AGAP001082-PB,AGAP001082-PA	-	37	0.002120429	2	943.563	1.59	Ovary	X:-:23468031-23468008;X:-:23468031-23468008	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_17635	DQLESNETQADLK	AGAP001082-PB,AGAP001082-PA	N6(Deamidated)	101	8.77E-10	1	1491.687	3.99	Midgut	X:-:23479065-23479027;X:-:23479065-23479027	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_22697	AVFEGSCNLIPIK	AGAP001082-PB,AGAP001082-PA	C7(Carbamidomethyl)	49	0.000164865	1	1447.763	1.24	Ovary	X:-:23479026-23478988;X:-:23479026-23478988	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_24863	DKPTCPLCLFAVSQLEESVK	AGAP001082-PB,AGAP001082-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	57	3.39E-05	1	2321.151	-0.49	Malpighian tubule	X:-:23477697-23477638;X:-:23477697-23477638	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_26337	LIDQYGEFIIK	AGAP001082-PB,AGAP001082-PA	-	58	1.28E-05	2	1338.731	0.34	Head	X:-:23468064-23468032;X:-:23468064-23468032	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA

JHU_Ag_28710	DKPTCPLCLFAVSQLEESVK	AGAP001082-PB,AGAP001082-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	43	0.000862836	3	2321.156	1.95	Head	X:-:23477697-23477638;X:-:23477697-23477638	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_32636	SFADECHSLVEQYYR	AGAP001082-PB,AGAP001082-PA	C6(Carbamidomethyl)	75	2.34E-07	1	1903.831	1.41	Salivary gland	X:-:23478330-23478286;X:-:23478330-23478286	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_32904	TRTEIENAVR	AGAP001082-PB,AGAP001082-PA	-	42	0.000960102	2	1188.635	1.68	Ovary	X:-:23468142-23468113;X:-:23468142-23468113	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_32941	STDRDSVLESILQICGK	AGAP001082-PB,AGAP001082-PA	C15(Carbamidomethyl)	76	3.93E-07	1	1920.970	0.34	Ovary	X:-:23478711-23478661;X:-:23478711-23478661	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_38564	LCEQLVDHLR	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl)	58	1.87E-05	1	1282.653	-3.02	Malpighian tubule	X:-:23478432-23478403;X:-:23478432-23478403	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_38718	LCEQLVDHLR	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl)	63	6.51E-06	1	1282.660	2.18	Ovary	X:-:23478432-23478403;X:-:23478432-23478403	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_38787	YIDQHSDQIIDLVMKQLSPK	AGAP001082-PB,AGAP001082-PA	M14(Oxidation)	55	3.54E-05	1	2387.236	3.4	Malpighian tubule	X:-:23477148-23477089;X:-:23477148-23477089	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_38960	YIDQHSDQIIDLVMK	AGAP001082-PB,AGAP001082-PA	M14(Oxidation)	93	8.99E-09	1	1833.910	2.4	Head	X:-:23477148-23477104;X:-:23477148-23477104	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_40436	STDRDSVLESILQICGK	AGAP001082-PB,AGAP001082-PA	C15(Carbamidomethyl)	49	0.000179432	1	1920.965	-2.33	Malpighian tubule	X:-:23478711-23478661;X:-:23478711-23478661	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_47843	YIDQHSDQIIDLVMK	AGAP001082-PB,AGAP001082-PA	-	66	4.08E-06	1	1817.910	-0.12	Salivary gland	X:-:23477148-23477104;X:-:23477148-23477104	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_48168	LCEQLVDHLR	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl)	59	1.54E-05	2	1282.660	2.09	Visceras	X:-:23478432-23478403;X:-:23478432-23478403	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_55024	AVFEGSCNLIPIK	AGAP001082-PB,AGAP001082-PA	C7(Carbamidomethyl)	63	7.85E-06	2	1447.763	0.99	Midgut	X:-:23479026-23478988;X:-:23479026-23478988	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_56877	GDKDKPTCPLCLFAVSQLEESVK	AGAP001082-PB,AGAP001082-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	112	9.83E-11	1	2621.294	-0.38	Ovary	X:-:23477706-23477638;X:-:23477706-23477638	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_57156	YIDQHSDQIIDLVMK	AGAP001082-PB,AGAP001082-PA	M14(Oxidation)	124	7.07E-12	1	1833.908	1.33	Ovary	X:-:23477148-23477104;X:-:23477148-23477104	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA

JHU_Ag_58848	FCTLCEYFMHFVQEALSEPANEDEIK	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), M9(Oxidation)	37	0.001145988	1	3223.402	-1.13	Ovary	X:-:23477997-23477920;X:-:23477997-23477920	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_59168	AICTQLDLCK	AGAP001082-PB,AGAP001082-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	44	0.000539928	2	1221.598	0.95	Ovary	X:-:23468007-23467978;X:-:23468007-23467978	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_60403	SFADECHSLVEQYYR	AGAP001082-PB,AGAP001082-PA	C6(Carbamidomethyl)	128	1.08E-12	1	1903.830	0.87	Malpighian tubule	X:-:23478330-23478286;X:-:23478330-23478286	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_61636	AVFEGSCNLIPIK	AGAP001082-PB,AGAP001082-PA	C7(Carbamidomethyl)	69	1.54E-06	1	1447.765	2.67	Head	X:-:23479026-23478988;X:-:23479026-23478988	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_64698	AVFEGSCNLIPIK	AGAP001082-PB,AGAP001082-PA	C7(Carbamidomethyl)	71	1.14E-06	1	1447.764	2	Malpighian tubule	X:-:23479026-23478988;X:-:23479026-23478988	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_64961	LCEQLVDHLR	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl)	67	2.51E-06	1	1282.653	-3.63	Head	X:-:23478432-23478403;X:-:23478432-23478403	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_65884	LIDQYGEFIIK	AGAP001082-PB,AGAP001082-PA	-	66	2.19E-06	2	1338.727	-2.4	Midgut	X:-:23468064-23468032;X:-:23468064-23468032	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_66136	FCTLCEYFMHFVQEALSEPANEDEIKK	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	42	0.000625445	1	3335.508	0.55	Midgut	X:-:23477997-23477917;X:-:23477997-23477917	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_69630	SFADECHSLVEQYYR	AGAP001082-PB,AGAP001082-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), Q12(Deamidated)"	119	1.00E-11	1	1903.833	2.53	Midgut	X:-:23478330-23478286;X:-:23478330-23478286	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_71226	SFADECHSLVEQYYR	AGAP001082-PB,AGAP001082-PA	C6(Carbamidomethyl)	118	1.05E-11	1	1903.829	0.48	Head	X:-:23478330-23478286;X:-:23478330-23478286	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_72900	AVFEGSCNLIPIK	AGAP001082-PB,AGAP001082-PA	C7(Carbamidomethyl)	73	6.53E-07	1	1447.765	2.25	Visceras	X:-:23479026-23478988;X:-:23479026-23478988	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_75457	DKPTCPLCLFAVSQLEESVK	AGAP001082-PB,AGAP001082-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	58	2.50E-05	2	2321.148	-1.7	Midgut	X:-:23477697-23477638;X:-:23477697-23477638	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_75887	FCTLCEYFMHFVQEALSEPANEDEIKK	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), M9(Oxidation)	136	2.26E-13	1	3351.502	0.31	Ovary	X:-:23477997-23477917;X:-:23477997-23477917	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_76459	STDRDSVLESILQICGK	AGAP001082-PB,AGAP001082-PA	C15(Carbamidomethyl)	91	1.41E-08	1	1920.976	3.2	Midgut	X:-:23478711-23478661;X:-:23478711-23478661	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA

JHU_Ag_77542	QALEHACDR	AGAP001082-PB,AGAP001082-PA	C7(Carbamidomethyl)	41	0.000611075	1	1099.496	0.74	Ovary	X:-:23477205-23477179;X:-:23477205-23477179	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_79337	LIDQYGEFIIK	AGAP001082-PB,AGAP001082-PA	-	96	2.20E-09	1	1338.732	1.34	Ovary	X:-:23468064-23468032;X:-:23468064-23468032	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_84799	DKPTCPLCLFAVSQLEESVK	AGAP001082-PB,AGAP001082-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	50	0.000160369	1	2321.158	2.51	Ovary	X:-:23477697-23477638;X:-:23477697-23477638	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_88231	AICTQLDLCK	AGAP001082-PB,AGAP001082-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	44	0.000558902	2	1221.599	1.75	Midgut	X:-:23468007-23467978;X:-:23468007-23467978	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_88853	SFADECHSLVEQYYR	AGAP001082-PB,AGAP001082-PA	C6(Carbamidomethyl)	113	3.52E-11	1	1903.834	3.05	Ovary	X:-:23478330-23478286;X:-:23478330-23478286	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_95090	TRTEIENAVR	AGAP001082-PB,AGAP001082-PA	-	55	4.59E-05	2	1188.627	-5.61	Head	X:-:23468142-23468113;X:-:23468142-23468113	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_95928	GECHNFVDVYGDAVIALLIQSINPR	AGAP001082-PB,AGAP001082-PA	C3(Carbamidomethyl)	54	4.96E-05	1	2800.414	2.02	Ovary	X:-:23477874-23477800;X:-:23477874-23477800	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_101049	YIDQHSDQIIDLVMK	AGAP001082-PB,AGAP001082-PA	M14(Oxidation)	122	1.00E-11	1	1817.912	1.03	Midgut	X:-:23477148-23477104;X:-:23477148-23477104	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_103397	EIYETLVNNLNSNDACFIIGICPK	AGAP001082-PB,AGAP001082-PA	C16(Carbamidomethyl), C22(Carbamidomethyl)	131	1.20E-12	1	2797.356	0.73	Ovary	X:-:23478285-23478214;X:-:23478285-23478214	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_106539	LCEQLVDHLR	AGAP001082-PB,AGAP001082-PA	C2(Carbamidomethyl)	73	5.91E-07	1	1282.661	2.94	Midgut	X:-:23478432-23478403;X:-:23478432-23478403	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_107059	STDRDSVLESILQICGK	AGAP001082-PB,AGAP001082-PA	C15(Carbamidomethyl)	44	0.000553259	3	1920.972	1.48	Head	X:-:23478711-23478661;X:-:23478711-23478661	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_108896	DQLESNETQADLK	AGAP001082-PB,AGAP001082-PA	-	70	1.15E-06	2	1490.700	2.03	Head	X:-:23479065-23479027;X:-:23479065-23479027	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_112707	SFADECHSLVEQYYR	AGAP001082-PB,AGAP001082-PA	C6(Carbamidomethyl)	115	2.50E-11	1	1903.832	2.02	Visceras	X:-:23478330-23478286;X:-:23478330-23478286	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA
JHU_Ag_113219	VIEVTCNR	AGAP001082-PB,AGAP001082-PA	C6(Carbamidomethyl)	50	0.000171385	1	990.504	0.16	Ovary	X:-:23477916-23477893;X:-:23477916-23477893	exon=> In CDS Exon 3 of transcript AGAP001082-PB;exon=> In CDS Exon 3 of transcript AGAP001082-PA

JHU_Ag_113429	LIDQYGEFIIK	AGAP001082-PB,AGAP001082-PA	-	56	2.19E-05	2	1338.737	4.62	Malpighian tubule	X:-:23468064-23468032;X:-:23468064-23468032	exon=> In CDS Exon 4 of transcript AGAP001082-PB;exon=> In CDS Exon 4 of transcript AGAP001082-PA
JHU_Ag_7609	LSNIFLLIR	AGAP001084-PA	-	28	0.001285468	2	1088.682	-0.58	Pupa	X:+:23511693-23511719	exon=> In CDS Exon 1 of transcript AGAP001084-PA
JHU_Ag_34664	NSTMSQIVEMGR	AGAP001084-PA	M4(Oxidation), M10(Oxidation)	79	1.24E-07	1	1384.623	2.52	Larva	X:+:23539471-23539506	exon=> In CDS Exon 4 of transcript AGAP001084-PA
JHU_Ag_64103	YMGFLPNTYVFTK	AGAP001084-PA	M2(Oxidation)	43	0.000803282	1	1596.785	5	Larva	X:+:23512304-23512342	exon=> In CDS Exon 3 of transcript AGAP001084-PA
JHU_Ag_99354	IAETFDEQTIDVFAPK	AGAP001084-PA	-	117	3.44E-11	2	1823.906	-0.31	Pupa	X:+:23512256-23512303	exon=> In CDS Exon 3 of transcript AGAP001084-PA
JHU_Ag_12991	DQIIEEDNSGK	AGAP001090-PA	-	70	1.31E-06	2	1247.577	1.42	Head	X:-:23835684-23835652	exon=> In CDS Exon 4 of transcript AGAP001090-PA
JHU_Ag_103434	SWLLDLPGGVLR	AGAP001090-PA	-	34	0.002100065	1	1325.759	0.79	Salivary gland	X:-:23852035-23852000	exon=> In CDS Exon 3 of transcript AGAP001090-PA
JHU_Ag_49301	DEDELNQVQPK	AGAP001091-PB,AGAP001091-PA	-	63	5.44E-06	2	1314.620	2.02	Head	X:+:23971582-23971614;X:+:23971582-23971614	exon=> In CDS Exon 11 of transcript AGAP001091-PB;exon=> In CDS Exon 11 of transcript AGAP001091-PA
JHU_Ag_110926	DFPYEIGDPVQQFNTK	AGAP001091-PB,AGAP001091-PA	-	64	6.14E-06	1	1897.904	3.68	Head	X:+:23957577-23957624;X:+:23957577-23957624	exon=> In CDS Exon 1 of transcript AGAP001091-PB;exon=> In CDS Exon 1 of transcript AGAP001091-PA
JHU_Ag_19145	DTGSLASNNPNTNVK	AGAP001096-PA	-	66	3.98E-06	2	1531.739	2.65	Head	2R:+:6856-6900	exon=> In CDS Exon 1 of transcript AGAP001096-PA
JHU_Ag_84946	SPAATTEVVDDRK	AGAP001096-PA	-	62	9.69E-06	1	1388.702	0.02	Head	2R:+:7201-7219,7682-7701	exon=> In CDS Exon 1 and 2 of transcript AGAP001096-PA
JHU_Ag_89701	VIVSQSAVSQK	AGAP001096-PA	-	68	1.48E-06	1	1145.653	0.53	Head	2R:+:6769-6801	exon=> In CDS Exon 1 of transcript AGAP001096-PA
JHU_Ag_13632	ETPIEVKR	AGAP001099-PA	-	39	0.001529178	2	971.554	1.99	Visceras	2R:-:26438-26415	exon=> In CDS Exon 9 of transcript AGAP001099-PA
JHU_Ag_50629	HKEELSELQLQEAIPEK	AGAP001099-PA	-	40	0.001125095	1	2021.054	-0.59	Head	2R:-:26381-26331	exon=> In CDS Exon 9 of transcript AGAP001099-PA
JHU_Ag_114122	HKEELSELQLQEAIPEK	AGAP001099-PA	-	39	0.001168655	1	2021.069	6.93	Ovary	2R:-:26381-26331	exon=> In CDS Exon 9 of transcript AGAP001099-PA
JHU_Ag_6280	LGPLGFLSTEQVDCPGNNGLKDQSLVLR	AGAP001101-PA	C14(Carbamidomethyl), N17(Deamidated),"C14(Carbamidomethyl), N18(Deamidated)","C14(Carbamidomethyl), Q23(Deamidated)"	56	2.39E-05	1	3028.524	-5.73	Pupa	2R:-:57220-57137	exon=> In CDS Exon 2 of transcript AGAP001101-PA
JHU_Ag_82138	ASASFTEIFK	AGAP001101-PA	-	36	0.002868956	2	1100.563	0.33	Pupa	2R:-:56081-56052	exon=> In CDS Exon 5 of transcript AGAP001101-PA
JHU_Ag_102435	ALPISLYYDHHEPEMQR	AGAP001101-PA	M15(Oxidation)	63	7.79E-06	1	2114.991	-2.5	Head	2R:-:56442-56392	exon=> In CDS Exon 4 of transcript AGAP001101-PA
JHU_Ag_109716	SASLINIPELR	AGAP001101-PA	-	31	0.003453355	2	1212.695	0.43	Pupa	2R:-:56582-56738,56314-56470	exon=> In CDS Exon 4 and 3 of transcript AGAP001101-PA
JHU_Ag_114058	VISQSGVNLDAWAQPAHPGVAR	AGAP001101-PA	-	110	1.20E-10	1	2273.180	0.77	Pupa	2R:-:57007-56942	exon=> In CDS Exon 2 of transcript AGAP001101-PA
JHU_Ag_10367	HIPTQLIMAR	AGAP001103-PA	M8(Oxidation)	37	0.001461669	2	1195.662	0.43	Head	2R:-:75287-75258	exon=> In CDS Exon 1 of transcript AGAP001103-PA
JHU_Ag_83532	DVKPSNILVNSSGEIK	AGAP001103-PA	-	43	0.000413197	1	1699.923	0.34	Male reproductive organs	2R:-:74978-74931	exon=> In CDS Exon 1 of transcript AGAP001103-PA
JHU_Ag_42597	ESNANEIEK	AGAP001106-PA	N5(Deamidated),N3(Deamidated)	39	0.001525533	1	1034.479	14.67	Malpighian tubule	2R:+:226223-226249	exon=> In CDS Exon 3 of transcript AGAP001106-PA

JHU_Ag_600	STDSQLDESSDGISIISESDASSLPMEEDLHDDR	AGAP001107-PB	M26(Oxidation)	114	1.98E-11	1	3696.596	3.56	Head	2R:+:264589-264596,264823-264916	exon=> In CDS Exon 1 and 2 of transcript AGAP001107-PB
JHU_Ag_82986	AEFEWMDALR	AGAP001107-PB	-	43	0.000589332	2	1267.582	3.39	Visceras	2R:+:265331-265360	exon=> In CDS Exon 2 of transcript AGAP001107-PB
JHU_Ag_101009	EANVVEPTEDYEEPTR	AGAP001107-PB	-	73	5.84E-07	1	1877.846	3.18	Head	2R:+:265361-265408	exon=> In CDS Exon 2 of transcript AGAP001107-PB
JHU_Ag_9401	DVLVHPDWTYQTGWR	AGAP001108-PA	-	83	9.03E-08	1	1872.905	1.14	Midgut	2R:-:267858-267814	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_12950	LFPQTAVEGTENEQQQEK	AGAP001108-PA	-	69	2.04E-06	1	2075.989	0.23	Male reproductive organs	2R:-:268233-268180	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_29191	DATHFVDGHHVK	AGAP001108-PA	-	77	2.88E-07	1	1362.652	-1.98	Head	2R:-:267663-267628	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_33632	VIVVDWDPNSTK	AGAP001108-PA	-	67	3.17E-06	2	1372.710	-0.91	Midgut	2R:-:267594-267559	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_34779	LFPQTAVEGTENEQQQEK	AGAP001108-PA	-	68	2.37E-06	1	2075.991	1.29	Midgut	2R:-:268233-268180	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_84872	LFPQTAVEGTENEQQQEK	AGAP001108-PA	-	71	1.27E-06	2	2075.986	-0.83	Malpighian tubule	2R:-:268233-268180	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_88070	DAEGNIIVDEFMELPTFQQYFR	AGAP001108-PA	M12(Oxidation)	66	3.63E-06	1	2678.242	-0.8	Ovary	2R:-:268050-267985	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_105893	DATHFVDGHHVK	AGAP001108-PA	-	45	0.000410029	1	1362.655	-0.22	Midgut	2R:-:267663-267628	exon=> In CDS Exon 2 of transcript AGAP001108-PA
JHU_Ag_13672	VLIVTAPLWFK	AGAP001109-PA	-	51	1.44E-05	2	1286.786	-0.58	Male reproductive organs	2R:+:282602-282634	exon=> In CDS Exon 4 of transcript AGAP001109-PA
JHU_Ag_15517	NAYISTQGPLPK	AGAP001109-PA	-	42	0.000886597	2	1288.694	3.7	Malpighian tubule	2R:+:284941-284976	exon=> In CDS Exon 6 of transcript AGAP001109-PA
JHU_Ag_40207	AMLNFLQR	AGAP001109-PA	M2(Oxidation)	50	0.0001165	2	1008.532	2.26	Male reproductive organs	2R:+:285334-285357	exon=> In CDS Exon 7 of transcript AGAP001109-PA
JHU_Ag_41241	ALGDLWAGHPR	AGAP001109-PA	-	73	7.54E-07	1	1192.624	1.24	Male reproductive organs	2R:+:285388-285420	exon=> In CDS Exon 7 of transcript AGAP001109-PA
JHU_Ag_83015	DASGAAIALFTANLHYPMTVTHK	AGAP001109-PA	M18(Oxidation)	109	1.86E-10	1	2445.236	5.08	Male reproductive organs	2R:+:276639-276707	exon=> In CDS Exon 3 of transcript AGAP001109-PA
JHU_Ag_86660	VLIVTAPLWFK	AGAP001109-PA	-	62	6.10E-07	2	1286.790	1.98	Pupa	2R:+:282602-282634	exon=> In CDS Exon 4 of transcript AGAP001109-PA
JHU_Ag_89600	VFTVSIPQLSLHVPR	AGAP001109-PA	-	29	0.00226554	1	1692.986	3.87	Malpighian tubule	2R:+:282686-282730	exon=> In CDS Exon 4 of transcript AGAP001109-PA
JHU_Ag_89936	TSYDFWR	AGAP001109-PA	-	42	0.000336044	2	974.436	-0.8	Male reproductive organs	2R:+:284977-284997	exon=> In CDS Exon 6 of transcript AGAP001109-PA
JHU_Ag_97722	VFTVSIPQLSLHVPR	AGAP001109-PA	-	32	0.001277682	1	1692.978	-0.78	Male reproductive organs	2R:+:282686-282730	exon=> In CDS Exon 4 of transcript AGAP001109-PA
JHU_Ag_109903	ILTLLK	AGAP001109-PA	-	34	3.95E-05	2	700.496	-0.64	Male reproductive organs	2R:+:276843-276860	exon=> In CDS Exon 3 of transcript AGAP001109-PA
JHU_Ag_112262	VLIVTAPLWFK	AGAP001109-PA	-	23	0.004965923	2	1286.787	0.08	Head	2R:+:282602-282634	exon=> In CDS Exon 4 of transcript AGAP001109-PA
JHU_Ag_17233	SANAQLVWEQLVQR	AGAP001110-PA	-	63	6.41E-06	2	1641.874	1.92	Head	2R:+:291915-291956	exon=> In CDS Exon 3 of transcript AGAP001110-PA
JHU_Ag_45100	SGPTTTIPVASSGGGGCSVTATVK	AGAP001110-PA	C17(Carbamidomethyl)	38	0.002417306	2	2192.095	3.8	Head	2R:+:288430-288501	exon=> In CDS Exon 1 of transcript AGAP001110-PA
JHU_Ag_74825	ILEVNHVNVEGATHK	AGAP001110-PA	-	44	0.00052705	2	1659.883	0.76	Head	2R:+:288709-288719,291270-291303	exon=> In CDS Exon 1 and 2 of transcript AGAP001110-PA
JHU_Ag_78865	KADEYLALAR	AGAP001110-PA	-	59	1.17E-05	2	1149.630	2.84	Head	2R:+:292398-292427	exon=> In CDS Exon 4 of transcript AGAP001110-PA

JHU_Ag_99722	VFTPYHAFLADCFDR	AGAP001110-PA	C12(Carbamidomethyl)	46	0.00040601	1	1858.863	2.33	Head	2R:+:292674-292688,292769-292798	exon=> In CDS Exon 4 and 5 of transcript AGAP001110-PA
JHU_Ag_100663	FIFYQAVDEVNR	AGAP001110-PA	-	71	1.13E-06	2	1500.751	2.12	Head	2R:+:292167-292181,292320-292340	exon=> In CDS Exon 3 and 4 of transcript AGAP001110-PA
JHU_Ag_113528	SINGELYAPLQHVSAVLDNGAAEQAGIK	AGAP001110-PA	-	76	2.31E-07	1	2865.482	2.61	Head	2R:+:288613-288696	exon=> In CDS Exon 1 of transcript AGAP001110-PA
JHU_Ag_117023	LEPTEDPGGYSYIDYSEK	AGAP001110-PA	-	58	1.45E-05	2	2062.916	1.57	Head	2R:+:291465-291518	exon=> In CDS Exon 3 of transcript AGAP001110-PA
JHU_Ag_5405	SLWDGLTERDNDVIK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	58	2.34E-05	2	1760.893	6.49	Malpighian tubule	2R:+:305557-305601;2R:+:305557-305601;2R:+:305557-305601	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_8919	SLWDGLTERDNDVIK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	38	0.002531612	2	1760.882	0.18	Midgut	2R:+:305557-305601;2R:+:305557-305601;2R:+:305557-305601	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_10428	TPLYVSVNTDSGKR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	95	4.74E-09	1	1536.803	0.94	Midgut	2R:+:305389-305430;2R:+:305389-305430;2R:+:305389-305430	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_10992	LDSERFPTLDETVNILHR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	54	4.08E-05	1	2155.115	0.28	Malpighian tubule	2R:+:305767-305820;2R:+:305767-305820;2R:+:305767-305820	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_13209	LGHVLVNEFWQR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	42	0.000638662	3	1497.800	2.71	Malpighian tubule	2R:+:305713-305748;2R:+:305713-305748;2R:+:305713-305748	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_22698	GVAIQVDEK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	41	0.001379509	1	958.521	0.13	Midgut	2R:+:305362-305388;2R:+:305362-305388;2R:+:305362-305388	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_24482	TPLYVSVNTDSGK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	45	0.000526498	1	1380.701	0.02	Midgut	2R:+:305389-305427;2R:+:305389-305427;2R:+:305389-305427	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_27169	MQNVPAIIR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	M1(Oxidation)	41	0.001052776	2	1057.585	2.41	Malpighian tubule	2R:+:300750-300755,304695-304715;2R:+:300750-300755,304695-304715;2R:+:300750-300755,304695-304715	exon=> In CDS Exon 4 and 5 of transcript AGAP001111-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001111-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP001111-PC

JHU_Ag_29374	FAFVNQQTR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	56	2.77E-05	1	1110.571	1.56	Salivary gland	2R:+:305458-305484;2R:+:305458-305484	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_29871	YYQCSQTLVNPDEYK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	C4(Carbamidomethyl)	91	6.80E-09	2	1907.848	0.02	Midgut	2R:+:306100-306144;2R:+:306100-306144;2R:+:306100-306144	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_32385	GFWYGGGLTK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	38	0.001359825	2	1085.543	1.4	Salivary gland	2R:+:305218-305247;2R:+:305218-305247;2R:+:305218-305247	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_38692	LLIFER	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	36	0.000728031	2	790.483	0.74	Midgut	2R:+:305902-305919;2R:+:305902-305919;2R:+:305902-305919	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_40326	TPLYVSVNTDSGK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	42	0.001123045	1	1380.700	-0.16	Salivary gland	2R:+:305389-305427;2R:+:305389-305427;2R:+:305389-305427	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_46949	GIEYILGK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	37	0.001313125	2	892.517	3.65	Malpighian tubule	2R:+:305248-305271;2R:+:305248-305271;2R:+:305248-305271	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_47561	SLLREPVWQIPASK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	41	0.000392822	2	1623.922	0.16	Midgut	2R:+:305602-305643;2R:+:305602-305643;2R:+:305602-305643	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_48272	GGELLTGVLGTSLNIEQPYNCLPK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	C21(Carbamidomethyl)	100	1.13E-09	1	2573.327	-0.53	Midgut	2R:+:304978-305049;2R:+:304978-305049;2R:+:304978-305049	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_54058	GFWYGGGLTK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	38	0.001637839	1	1085.542	0.56	Midgut	2R:+:305218-305247;2R:+:305218-305247;2R:+:305218-305247	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_55179	NDKFAFVNQQTR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	87	2.94E-08	1	1467.734	-0.27	Midgut	2R:+:305449-305484;2R:+:305449-305484;2R:+:305449-305484	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_63918	KLLIFER	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	38	0.000250068	2	918.579	2.23	Salivary gland	2R:+:305899-305919;2R:+:305899-305919;2R:+:305899-305919	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC

JHU_Ag_64617	FTHLPSEYRDETVTVIAK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	57	2.64E-05	1	2106.096	4.24	Malpighian tubule	2R:+:306472-306525;2R:+:306472-306525;2R:+:306472-306525	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_67440	LDSERFPTLDETVNILHR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	123	4.40E-12	1	2155.115	0.11	Midgut	2R:+:305767-305820;2R:+:305767-305820;2R:+:305767-305820	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_72508	GIEYILGK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	38	0.001562511	1	892.513	-0.71	Midgut	2R:+:305248-305271;2R:+:305248-305271;2R:+:305248-305271	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_73113	VLPLLER	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	28	0.002317882	2	839.538	4.07	Malpighian tubule	2R:+:306550-306570;2R:+:306550-306570;2R:+:306550-306570	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_75522	YYQCSQTLVNPDEYK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	C4(Carbamidomethyl)	85	3.52E-08	1	1907.855	3.47	Salivary gland	2R:+:306100-306144;2R:+:306100-306144;2R:+:306100-306144	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_95623	FTHLPSEYRDETVTVIAK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	31	0.010129172	1	2106.086	-0.13	Midgut	2R:+:306472-306525;2R:+:306472-306525;2R:+:306472-306525	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_96350	SLWDGLTER	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	51	0.000159331	1	1076.540	2.27	Salivary gland	2R:+:305557-305583;2R:+:305557-305583;2R:+:305557-305583	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_101430	KLLIFER	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	42	8.66E-05	1	918.580	3.36	Malpighian tubule	2R:+:305899-305919;2R:+:305899-305919;2R:+:305899-305919	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_104321	LGHVLVNEFWQR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	82	5.83E-08	1	1497.797	0.75	Midgut	2R:+:305713-305748;2R:+:305713-305748;2R:+:305713-305748	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_104787	KLLIFER	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	-	26	0.003882576	2	918.576	-0.89	Midgut	2R:+:305899-305919;2R:+:305899-305919;2R:+:305899-305919	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_105003	VSFMIQPFISTESSNFR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	M4(Oxidation)	68	2.91E-06	2	2005.971	0.81	Midgut	2R:+:305833-305883;2R:+:305833-305883;2R:+:305833-305883	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC

JHU_Ag_105623	ATIPAGPFVTGDINMHQWGNALKR	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	M15(Oxidation)	44	0.000476 63	1	2610.326	0.47	Midgut	2R:+:305272-305343;2R:+:305272-305343;2R:+:305272-305343	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_107868	DLKDDGSVCYEWNSK	AGAP001111-PA,AGAP001111-PB,AGAP001111-PC	C9(Carbamidomethyl)	56	1.82E-05	1	1815.782	-1.76	Midgut	2R:+:305050-305094;2R:+:305050-305094;2R:+:305050-305094	exon=> In CDS Exon 6 of transcript AGAP001111-PA;exon=> In CDS Exon 3 of transcript AGAP001111-PB;exon=> In CDS Exon 4 of transcript AGAP001111-PC
JHU_Ag_47991	NEQQALLEAEK	AGAP001112-PA	-	47	0.000284 128	1	1272.640	-2.08	Male reproductive organs	2R:-:301843-301811	exon=> In CDS Exon 2 of transcript AGAP001112-PA
JHU_Ag_26874	ATEEQDSYDPNIDHSEVSVFLK	AGAP001118-PA	-	44	0.000405 712	1	2523.165	5.03	Head	2R:+:429463-429528	exon=> In CDS Exon 3 of transcript AGAP001118-PA
JHU_Ag_76375	LIWFSQQILFR	AGAP001123-PA	Q6(Deamidated), Q7(Deamidated)	38	0.001542 29	1	1452.777	-7.82	Salivary gland	2R:-:449695-449663	exon=> In CDS Exon 1 of transcript AGAP001123-PA
JHU_Ag_6718	INSQIK	AGAP001124-PA	N2(Deamidated), Q4(Deamidated)	39	0.002811 164	1	704.384	2.47	Salivary gland	2R:+:452661-452678	exon=> In CDS Exon 2 of transcript AGAP001124-PA
JHU_Ag_47674	DVDMANISNAVSSFK	AGAP001124-PA	M4(Oxidation)	88	2.19E-08	1	1613.752	2.85	Head	2R:+:452172-452216	exon=> In CDS Exon 2 of transcript AGAP001124-PA
JHU_Ag_54969	INSQIK	AGAP001124-PA	N2(Deamidated), Q4(Deamidated)	37	0.003920 522	2	704.382	-0.22	Visceras	2R:+:452661-452678	exon=> In CDS Exon 2 of transcript AGAP001124-PA
JHU_Ag_75540	HYHSAVAK	AGAP001124-PA	-	39	0.001253 924	2	912.465	-4.24	Head	2R:+:452895-452918	exon=> In CDS Exon 2 of transcript AGAP001124-PA
JHU_Ag_82334	INSQIK	AGAP001124-PA	N2(Deamidated), Q4(Deamidated)	38	0.003008 458	2	704.382	-0.13	Malpighian tubule	2R:+:452661-452678	exon=> In CDS Exon 2 of transcript AGAP001124-PA
JHU_Ag_94936	RVENNFPGSDK	AGAP001124-PA	-	54	6.87E-05	2	1262.605	-5.78	Head	2R:+:452628-452660	exon=> In CDS Exon 2 of transcript AGAP001124-PA
JHU_Ag_99428	TALYEFHQK	AGAP001124-PA	-	49	0.000208 171	2	1136.570	-3.52	Head	2R:+:451747-451773	exon=> In CDS Exon 1 of transcript AGAP001124-PA
JHU_Ag_105808	TALYEFHQK	AGAP001124-PA	-	40	0.001671 339	2	1136.574	0.56	Malpighian tubule	2R:+:451747-451773	exon=> In CDS Exon 1 of transcript AGAP001124-PA
JHU_Ag_113719	VADDVLYVVSNASR	AGAP001124-PA	-	44	0.000634 274	3	1507.773	-1.38	Pupa	2R:+:452127-452168	exon=> In CDS Exon 2 of transcript AGAP001124-PA
JHU_Ag_31956	LNSGPILVCAPSNTAVDQLTEK	AGAP001133-PA	C9(Carbamidomethyl)	39	0.001610 286	1	2327.194	1.24	Ovary	2R:-:558563-558498	exon=> In CDS Exon 3 of transcript AGAP001133-PA
JHU_Ag_48892	NVFVLGFIPAK	AGAP001133-PA	-	47	7.64E-05	2	1204.708	-1.12	Midgut	2R:-:559627-559595	exon=> In CDS Exon 2 of transcript AGAP001133-PA
JHU_Ag_55638	TASQLLASGSVSTSSGGK	AGAP001133-PA	-	47	0.000289 02	2	1637.842	4.55	Malpighian tubule	2R:-:556916-556863	exon=> In CDS Exon 3 of transcript AGAP001133-PA
JHU_Ag_92395	TVTSATIVYQLAR	AGAP001133-PA	-	82	4.45E-08	2	1422.797	1.16	Ovary	2R:-:558602-558564	exon=> In CDS Exon 3 of transcript AGAP001133-PA
JHU_Ag_108691	FYQQQQQAAIQAAK	AGAP001133-PA	-	73	6.95E-07	2	1622.830	1.03	Ovary	2R:-:556985-556944	exon=> In CDS Exon 3 of transcript AGAP001133-PA
JHU_Ag_114436	YVDGYQYQNTFGPLVK	AGAP001133-PA	-	76	4.58E-07	1	1891.920	-1.42	Ovary	2R:-:559223-559176	exon=> In CDS Exon 3 of transcript AGAP001133-PA
JHU_Ag_117014	HALQRPLSLIQGPPGTGK	AGAP001133-PA	-	71	1.98E-07	1	1870.068	1.37	Ovary	2R:-:558656-558603	exon=> In CDS Exon 3 of transcript AGAP001133-PA
JHU_Ag_1983	FEATYYPNVR	AGAP001134-PA	-	42	0.000821 437	2	1259.606	0.27	Ovary	2R:+:562554-562583	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_2180	LLLEPLLPK	AGAP001134-PA	-	42	1.15E-05	2	1035.681	0.14	Midgut	2R:+:561669-561695	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_12824	YDPLALGYIADFR	AGAP001134-PA	-	71	1.08E-06	2	1513.771	1.77	Pupa	2R:+:561750-561788	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_22597	LLLEPLLPK	AGAP001134-PA	-	35	1.60E-05	2	1035.684	2.5	Salivary gland	2R:+:561669-561695	exon=> In CDS Exon 2 of transcript AGAP001134-PA

JHU_Ag_24740	LLLEPLLPK	AGAP001134-PA	-	41	1.56E-05	1	1035.683	1.43	Pupa	2R:+:561669-561695	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_29135	YDPLALGYIADFR	AGAP001134-PA	-	83	6.41E-08	1	1513.766	-1.46	Midgut	2R:+:561750-561788	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_37074	FNHLNEIETDVDPR	AGAP001134-PA	-	39	0.001978849	1	1698.807	-0.9	Midgut	2R:+:561474-561515	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_37973	HATTVPGFWPGEQHEFGLLSFQR	AGAP001134-PA	-	139	1.59E-13	1	2641.306	4.22	Ovary	2R:+:561789-561857	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_40057	NIQYVGKPYMALR	AGAP001134-PA	M10(Oxidation)	55	3.52E-05	1	1568.822	-1.98	Midgut	2R:+:561624-561662	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_45717	SLLVQLNR	AGAP001134-PA	-	43	0.000276483	2	942.576	3.08	Ovary	2R:+:561423-561446	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_49562	EVLQQIIMFYINEPK	AGAP001134-PA	Q4(Deamidated), Q5(Deamidated)	38	0.002429124	1	1866.940	-8.37	Malpighian tubule	2R:+:562194-562238	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_65858	HATTVPGFWPGEQHEFGLLSFQR	AGAP001134-PA	-	37	0.002368701	1	2641.290	-1.82	Midgut	2R:+:561789-561857	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_76134	HATTVPGFWPGEQHEFGLLSFQR	AGAP001134-PA	-	40	0.001320111	1	2641.300	1.97	Pupa	2R:+:561789-561857	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_83568	FEATYYPNVR	AGAP001134-PA	-	43	0.000784466	2	1259.605	-0.21	Midgut	2R:+:562554-562583	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_85605	HEAFWFLGGIYPPNLVR	AGAP001134-PA	-	31	0.011971061	1	2016.047	-1.21	Midgut	2R:+:561516-561566	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_100525	HEAFWFLGGIYPPNLVR	AGAP001134-PA	-	31	0.008437582	1	2016.063	6.78	Ovary	2R:+:561516-561566	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_112534	EVLQQIIMFYINEPK	AGAP001134-PA	Q4(Deamidated), Q5(Deamidated)	44	0.000629315	1	1866.934	-11.8	Midgut	2R:+:562194-562238	exon=> In CDS Exon 2 of transcript AGAP001134-PA
JHU_Ag_32453	LVVNINDIR	AGAP001135-PA	-	41	0.000387934	2	1055.626	4.7	Ovary	2R:-:565193-565167	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_32961	AILCLLLGGIEK	AGAP001135-PA	C4(Carbamidomethyl)	88	7.79E-09	1	1299.771	0.29	Ovary	2R:-:564392-564357	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_34061	APAGQLPR	AGAP001135-PA	-	67	1.24E-06	2	809.466	3.56	Ovary	2R:-:564710-564687	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_37003	LTETACEMISNEYSR	AGAP001135-PA	C6(Carbamidomethyl), M8(Oxidation)	39	0.00090964	2	1819.791	3.88	Ovary	2R:-:563522-563478	exon=> In CDS Exon 3 of transcript AGAP001135-PA
JHU_Ag_37985	GSSGVGLTAAVTTDQETGER	AGAP001135-PA	-	118	2.52E-11	1	1935.928	1.24	Ovary	2R:-:564224-564165	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_39060	GSSGVGLTAAVTTDQETGER	AGAP001135-PA	-	87	2.94E-08	2	1935.932	3.32	Malpighian tubule	2R:-:564224-564165	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_47519	ALKDYVSTIDMSYAK	AGAP001135-PA	-	48	0.000301282	1	1704.854	1.58	Ovary	2R:-:565097-565053	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_52645	YVLNTAPR	AGAP001135-PA	-	51	0.000106503	2	933.518	3.31	Malpighian tubule	2R:-:564269-564246	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_61935	AGIHASLNAR	AGAP001135-PA	-	43	0.000390318	1	1009.555	1.41	Ovary	2R:-:564032-564003	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_64488	SQDLMDSDVAR	AGAP001135-PA	M5(Oxidation)	34	0.00262578	2	1252.546	-0.83	Ovary	2R:-:563471-563439	exon=> In CDS Exon 3 of transcript AGAP001135-PA
JHU_Ag_66114	SVDVVCDDDLVDR	AGAP001135-PA	C6(Carbamidomethyl)	43	0.000487538	2	1506.683	5.65	Malpighian tubule	2R:-:564686-564648	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_66918	FLGNLVCVEGIVTK	AGAP001135-PA	C7(Carbamidomethyl)	56	2.54E-05	2	1548.840	-3.7	Ovary	2R:-:564974-564933	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_71337	AILCLLLGGIEK	AGAP001135-PA	C4(Carbamidomethyl)	85	1.16E-08	2	1299.778	5.83	Malpighian tubule	2R:-:564392-564357	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_79827	HFHDQSVSLAR	AGAP001135-PA	-	55	4.26E-05	3	1296.650	4.6	Ovary	2R:-:562949-562917	exon=> In CDS Exon 3 of transcript AGAP001135-PA

JHU_Ag_80830	LASIQNEYLNFLDDEEDQGTYTAHVR	AGAP001135-PA	-	120	1.18E-11	1	3041.412	-0.19	Ovary	2R:-:565388-565409,563964-565221	exon=> In CDS Exon 2 and 1 of transcript AGAP001135-PA
JHU_Ag_91722	NNDIFDLLAK	AGAP001135-PA	-	50	0.000150896	1	1162.615	3.74	Ovary	2R:-:564464-564435	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_103207	SLAPSIHGHEYVK	AGAP001135-PA	-	37	0.002537293	1	1437.750	0.72	Ovary	2R:-:564434-564396	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_112382	ALALLNSAFDEQLAFSR	AGAP001135-PA	-	51	9.64E-05	2	1865.984	4.49	Ovary	2R:-:565148-565098	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_112849	ALALLNSAFDEQLAFSR	AGAP001135-PA	-	102	7.22E-10	1	1865.989	7.37	Malpighian tubule	2R:-:565148-565098	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_117392	SVDVVCDDDLVDR	AGAP001135-PA	C6(Carbamidomethyl)	72	4.94E-07	2	1506.675	0.55	Ovary	2R:-:564686-564648	exon=> In CDS Exon 2 of transcript AGAP001135-PA
JHU_Ag_32531	LNVNNLR	AGAP001136-PA	-	39	0.000961748	2	842.485	0.35	Male reproductive organs	2R:+:566668-566688	exon=> In CDS Exon 3 of transcript AGAP001136-PA
JHU_Ag_83440	IETAEHCVSILSAEFPGSLR	AGAP001136-PA	C7(Carbamidomethyl)	37	0.003314736	1	2216.096	-2.66	Ovary	2R:+:566144-566203	exon=> In CDS Exon 2 of transcript AGAP001136-PA
JHU_Ag_85481	HLVLEQVIIAALDCNR	AGAP001136-PA	C14(Carbamidomethyl)	42	0.000570846	1	1864.010	-0.55	Malpighian tubule	2R:+:566096-566143	exon=> In CDS Exon 2 of transcript AGAP001136-PA
JHU_Ag_87858	YDDALDELEQIIR	AGAP001136-PA	-	65	5.02E-06	2	1592.790	6.14	Ovary	2R:+:566246-566284	exon=> In CDS Exon 2 of transcript AGAP001136-PA
JHU_Ag_98048	YTMGGLDNIEMAK	AGAP001136-PA	M3(Oxidation), M11(Oxidation)	43	0.000481415	1	1474.655	-0.08	Male reproductive organs	2R:+:566537-566545,566614-566643	exon=> In CDS Exon 2 and 3 of transcript AGAP001136-PA
JHU_Ag_116676	YDDALDELEQIIR	AGAP001136-PA	-	93	8.76E-09	2	1592.778	-1.6	Midgut	2R:+:566246-566284	exon=> In CDS Exon 2 of transcript AGAP001136-PA
JHU_Ag_79689	MNALQSVK	AGAP001137-PA	M1(Oxidation)	36	0.003329299	2	906.482	11.7	Midgut	2R:-:568742-568719	exon=> In CDS Exon 1 of transcript AGAP001137-PA
JHU_Ag_2488	ENVALQLEAAYR	AGAP001138-PA	-	99	1.71E-09	2	1376.717	0.39	Salivary gland	2R:-:569328-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_5025	SITPDQEKENLNK	AGAP001138-PA	-	63	7.43E-06	1	1515.767	1.17	Head	2R:-:569166-569128	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_5856	AEGQTMLMQAK	AGAP001138-PA	M6(Oxidation), M8(Oxidation)	59	1.57E-05	2	1239.572	1.17	Male reproductive organs	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_6098	AEGQTMLMQAK	AGAP001138-PA	-	62	1.07E-05	2	1207.582	0.77	Pupa	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_6413	EVDKIEDEWK	AGAP001138-PA	-	61	9.87E-06	1	1290.622	0.26	Male reproductive organs	2R:-:569547-569852,569086-569434	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_6539	ENVALQLEAAYRER	AGAP001138-PA	-	77	2.71E-07	1	1661.868	4.34	Malpighian tubule	2R:-:569328-569287	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_9219	EVDKIEDEWK	AGAP001138-PA	-	73	6.62E-07	1	1290.620	-0.87	Head	2R:-:569547-569852,569086-569434	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_11402	LDYQVER	AGAP001138-PA	-	55	5.95E-05	1	922.465	2.62	Visceras	2R:-:569253-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_11832	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	80	1.85E-07	2	1130.601	1.58	Malpighian tubule	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_13444	KENVALQLEAAYR	AGAP001138-PA	Q7(Deamidated)	116	2.52E-11	1	1504.811	-0.61	Midgut	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_13955	KFGPSLAAYLDK	AGAP001138-PA	-	100	7.14E-10	1	1309.715	-0.18	Visceras	2R:-:569583-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_14114	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	69	2.54E-06	2	1130.604	4.71	Larva	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_15120	ISQKHMVDWIVSNVVK	AGAP001138-PA	M6(Oxidation)	107	1.43E-10	1	1883.028	3.53	Malpighian tubule	2R:-:569214-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA

JHU_Ag_15604	ISQKHMVDWIVSNVVK	AGAP001138-PA	M6(Oxidation)	94	3.73E-09	1	1899.016	0.17	Head	2R:-:569214-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_16023	ENNIQQLTQAIEDEKK	AGAP001138-PA	N2(Deamidated)	128	1.86E-12	1	1900.964	1.72	Malpighian tubule	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_16093	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	94	5.06E-09	1	1426.753	1.59	Pupa	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_17763	ENVALQLEAAYR	AGAP001138-PA	-	87	2.99E-08	2	1376.721	2.7	Pupa	2R:-:569328-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_17867	FGPSLAAYLDK	AGAP001138-PA	-	80	1.05E-07	1	1181.620	-0.2	Male reproductive organs	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_20193	AMNAYR	AGAP001138-PA	-	35	0.001705501	2	725.339	-1.93	Head	2R:-:569286-569269	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_23014	SITPDQEKENLNK	AGAP001138-PA	-	75	4.83E-07	2	1515.767	1.09	Visceras	2R:-:569166-569128	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_23306	RLDYQVER	AGAP001138-PA	-	37	0.003290641	2	1078.568	3.73	Larva	2R:-:569256-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_23657	FGPSLAAYLDK	AGAP001138-PA	-	93	5.62E-09	1	1181.621	0.63	Head	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_25297	AEGQTMLMQAK	AGAP001138-PA	M8(Oxidation),"M6(Oxidation), M8(Oxidation)"	75	3.72E-07	2	1223.575	-0.87	Visceras	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_26191	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	53	7.32E-05	2	1130.598	-0.9	Midgut	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_26194	FGPSLAAYLDKEVDK	AGAP001138-PA	-	101	9.62E-10	1	1652.856	1.91	Visceras	2R:-:569580-569852,569086-569452	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_26554	ENNIQQLTQAIEDEK	AGAP001138-PA	Q5(Deamidated),Q6(Deamidated)	121	1.35E-11	1	1772.871	2.6	Head	2R:-:569424-569380	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_27611	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	58	2.19E-05	2	1442.746	0.19	Salivary gland	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_28649	ENLNKCIADLGALAAR	AGAP001138-PA	C6(Carbamidomethyl)	58	1.77E-05	1	1728.913	3.78	Malpighian tubule	2R:-:569142-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_29961	KENVALQLEAAYR	AGAP001138-PA	-	111	8.67E-11	1	1504.819	4.74	Larva	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_30952	KFGPSLAAYLDK	AGAP001138-PA	-	76	2.08E-07	2	1309.720	3.74	Malpighian tubule	2R:-:569583-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_31744	GAATQADRPK	AGAP001138-PA	-	50	8.99E-05	2	1014.531	-1.72	Head	2R:-:569817-569788	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_35873	ENNIQQLTQAIEDEKK	AGAP001138-PA	-	108	2.36E-10	1	1900.960	-0.53	Male reproductive organs	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_36680	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	68	2.54E-06	1	1130.599	0.39	Pupa	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_36736	LGFLPEEWFTFFYNK	AGAP001138-PA	-	72	1.15E-06	1	1937.955	4.15	Larva	2R:-:569760-569716	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_37110	KENVALQLEAAYR	AGAP001138-PA	-	121	9.08E-12	1	1504.812	0.28	Visceras	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_38300	AEGQTMLMQAK	AGAP001138-PA	M8(Oxidation),"M6(Oxidation), M8(Oxidation)"	71	1.03E-06	2	1239.570	-0.7	Midgut	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_39502	KENVALQLEAAYR	AGAP001138-PA	-	107	2.01E-10	1	1504.809	-1.99	Malpighian tubule	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_39513	LDYQVER	AGAP001138-PA	-	52	0.000109726	2	922.465	1.96	Malpighian tubule	2R:-:569253-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_39778	SITPDQEKENLNK	AGAP001138-PA	-	74	5.95E-07	2	1515.765	0.21	Malpighian tubule	2R:-:569166-569128	exon=> In CDS Exon 3 of transcript AGAP001138-PA

JHU_Ag_39860	LDYQVER	AGAP001138-PA	-	49	0.000200829	1	922.463	0.04	Male reproductive organs	2R:-:569253-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_40565	EVDKIEDEWK	AGAP001138-PA	-	73	7.27E-07	1	1290.623	1.3	Visceras	2R:-:569547-569852,569086-569434	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_40845	SITPDQEKENLNK	AGAP001138-PA	-	69	2.08E-06	1	1515.771	4.15	Male reproductive organs	2R:-:569166-569128	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_41146	GAATQADRPK	AGAP001138-PA	-	44	0.000380496	1	1014.532	-0.64	Midgut	2R:-:569817-569788	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_41504	LGFLPEEWFTFFYNK	AGAP001138-PA	-	101	1.25E-09	1	1937.945	-1.2	Midgut	2R:-:569760-569716	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_42553	GAATQADRPK	AGAP001138-PA	-	39	0.001433554	2	1014.535	2.19	Visceras	2R:-:569817-569788	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_44781	FGPSLAAYLDK	AGAP001138-PA	-	90	1.14E-08	1	1181.623	2.7	Malpighian tubule	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_47104	AEGQTMLMQAK	AGAP001138-PA	M8(Oxidation),M6(Oxidation),"M6(Oxidation), M8(Oxidation)"	76	3.40E-07	1	1223.575	-0.97	Head	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_48328	KFGPSLAAYLDK	AGAP001138-PA	-	78	1.41E-07	1	1309.717	1.22	Head	2R:-:569583-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_48483	LGFLPEEWFTFFYNK	AGAP001138-PA	-	101	1.22E-09	1	1937.951	1.82	Pupa	2R:-:569760-569716	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_48982	ENVALQLEAAYR	AGAP001138-PA	N2(Deamidated)	99	1.91E-09	2	1376.718	0.84	Visceras	2R:-:569328-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_49193	FGPSLAAYLDKEVDK	AGAP001138-PA	-	74	4.47E-07	1	1652.858	3.17	Midgut	2R:-:569580-569852,569086-569452	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_49550	TGVTGPYVFGAGLMTYLCSK	AGAP001138-PA	M14(Oxidation),C18(Carbamidomethyl),C18(Carbamidomethyl)	131	1.23E-12	1	2122.031	-1.67	Midgut	2R:-:569715-569656	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_51686	ISQKHMVDWIVSNVVK	AGAP001138-PA	M6(Oxidation)	52	6.50E-05	1	1899.017	0.55	Salivary gland	2R:-:569214-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_54390	ENNIQQLTQAIEDEKK	AGAP001138-PA	-	46	0.000323304	1	1900.962	0.33	Salivary gland	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_54452	FGPSLAAYLDK	AGAP001138-PA	-	68	2.09E-06	2	1181.619	-1.23	Ovary	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_54837	ENNIQQLTQAIEDEKK	AGAP001138-PA	-	118	1.95E-11	1	1900.965	2.04	Pupa	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_55670	ENNIQQLTQAIEDEKK	AGAP001138-PA	Q5(Deamidated),N3(Deamidated),N2(Deamidated)	135	3.92E-13	1	1900.963	0.95	Visceras	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_56748	AEGQTMLMQAK	AGAP001138-PA	M8(Oxidation),M6(Oxidation),"M6(Oxidation), M8(Oxidation)"	80	1.56E-07	2	1207.584	2.48	Malpighian tubule	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_56765	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	65	4.38E-06	2	1130.598	-0.26	Salivary gland	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_57087	FGPSLAAYLDK	AGAP001138-PA	-	82	8.14E-08	2	1181.621	0.73	Pupa	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_57091	ENNIQQLTQAIEDEKK	AGAP001138-PA	N3(Deamidated),N2(Deamidated)	116	4.05E-11	1	1901.947	1.13	Midgut	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_57726	ENNIQQLTQAIEDEKK	AGAP001138-PA	-	48	0.000188758	1	1900.973	6.2	Ovary	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_58919	EVDKIEDEWK	AGAP001138-PA	-	81	8.77E-08	1	1290.616	-4.37	Midgut	2R:-:569547-569852,569086-569434	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA

JHU_Ag_59156	FGPSLAAYLDK	AGAP001138-PA	-	83	4.72E-08	2	1181.623	2.49	Visceras	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_59246	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	100	1.38E-09	1	1442.754	5.43	Larva	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_61816	KENVALQLEAAYR	AGAP001138-PA	-	105	3.59E-10	2	1504.816	2.8	Pupa	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_63661	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	83	1.02E-07	2	1130.601	1.8	Visceras	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_64462	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	111	1.10E-10	1	1442.750	2.47	Malpighian tubule	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_64485	ENNIQQLTQAIEDEK	AGAP001138-PA	-	72	1.03E-06	2	1772.870	2.32	Male reproductive organs	2R:-:569424-569380	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_65640	LGFLPEEWFTFFYNK	AGAP001138-PA	-	108	2.96E-10	1	1937.955	3.96	Visceras	2R:-:569760-569716	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_66187	LGFLPEEWFTFFYNK	AGAP001138-PA	-	88	2.53E-08	1	1937.950	1.44	Head	2R:-:569760-569716	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_70324	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	111	1.13E-10	1	1442.743	-1.93	Head	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_71796	RLDYQVER	AGAP001138-PA	-	44	0.000635513	2	1078.563	-0.69	Midgut	2R:-:569256-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_72110	ENVALQLEAAYR	AGAP001138-PA	-	61	1.18E-05	2	1376.723	4.38	Malpighian tubule	2R:-:569328-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_76072	ENNIQQLTQAIEDEK	AGAP001138-PA	-	88	2.42E-08	1	1772.872	3.35	Pupa	2R:-:569424-569380	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_77006	KENVALQLEAAYR	AGAP001138-PA	-	72	6.33E-07	1	1504.814	1.65	Ovary	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_77348	EVDKIEDEWK	AGAP001138-PA	-	64	5.66E-06	1	1290.623	1.02	Pupa	2R:-:569547-569852,569086-569434	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_77893	KFGPSLAAYLDK	AGAP001138-PA	-	78	1.27E-07	1	1309.711	-3.44	Midgut	2R:-:569583-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_80001	KENVALQLEAAYR	AGAP001138-PA	N3(Deamidated)	116	2.46E-11	1	1504.812	-0.04	Head	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_80462	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	83	8.58E-08	2	1130.598	-0.69	Ovary	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_81890	ENVALQLEAAYR	AGAP001138-PA	-	92	9.25E-09	2	1376.720	1.9	Male reproductive organs	2R:-:569328-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_83577	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	94	5.25E-09	1	1426.747	-2.86	Midgut	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_83694	RLDYQVER	AGAP001138-PA	-	53	8.57E-05	1	1078.564	-0.01	Pupa	2R:-:569256-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_85724	TGVTGPYVFGAGLMTYLCSK	AGAP001138-PA	M14(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	165	5.52E-16	1	2122.042	3.39	Visceras	2R:-:569715-569656	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_88555	EVDKIEDEWK	AGAP001138-PA	-	47	0.000265377	1	1290.627	4.52	Larva	2R:-:569547-569852,569086-569434	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_90425	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	96	3.42E-09	1	1442.750	2.89	Male reproductive organs	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_90548	RLDYQVER	AGAP001138-PA	-	52	8.82E-05	1	1078.566	1.8	Malpighian tubule	2R:-:569256-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_92470	TGVTGPYVFGAGLMTYLCSK	AGAP001138-PA	M14(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	128	2.74E-12	1	2138.027	-1.45	Head	2R:-:569715-569656	exon=> In CDS Exon 2 of transcript AGAP001138-PA

JHU_Ag_92553	ENNIQQLTQAIEDEK	AGAP001138-PA	-	87	3.44E-08	2	1772.875	5.21	Larva	2R:-:569424-569380	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_92928	ENNIQQLTQAIEDEK	AGAP001138-PA	N3(Deamidated), Q9(Deamidated)	111	1.07E-10	2	1772.865	-0.91	Midgut	2R:-:569424-569380	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_95062	AEGQTMLMQAK	AGAP001138-PA	M6(Oxidation), M8(Oxidation)	57	2.53E-05	2	1239.572	0.78	Larva	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_95649	ENNIQQLTQAIEDEKK	AGAP001138-PA	Q5(Deamidated),Q6(Deamidated),Q9(Deamidated)	138	2.36E-13	1	1900.956	-2.59	Head	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_96438	RAEHGGK	AGAP001138-PA	-	29	0.005953301	2	754.396	0.4	Head	2R:-:569787-569767	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_99327	CIADLGALAAR	AGAP001138-PA	C1(Carbamidomethyl)	68	2.49E-06	2	1130.597	-1.12	Head	2R:-:569127-569095	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_99513	ENVALQLEAAYR	AGAP001138-PA	Q6(Deamidated),N2(Deamidated)	100	1.37E-09	2	1376.716	-0.31	Midgut	2R:-:569328-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_100045	FGPSLAAYLDK	AGAP001138-PA	-	85	3.64E-08	1	1181.618	-1.95	Midgut	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_100315	ENNIQQLTQAIEDEKK	AGAP001138-PA	-	68	1.79E-06	2	1900.970	4.54	Larva	2R:-:569424-569377	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_101073	LGFLPEEWFTFFYNK	AGAP001138-PA	-	56	4.72E-05	1	1937.943	-2.15	Ovary	2R:-:569760-569716	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_101917	EVDKIEDEWK	AGAP001138-PA	-	83	6.11E-08	1	1290.623	1.21	Malpighian tubule	2R:-:569547-569852,569086-569434	exon=> In CDS Exon 3 and 2 of transcript AGAP001138-PA
JHU_Ag_103466	ENNIQQLTQAIEDEK	AGAP001138-PA	-	104	5.51E-10	1	1772.868	1.22	Visceras	2R:-:569424-569380	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_104006	GAATQADRPK	AGAP001138-PA	-	39	0.001439957	1	1014.532	-0.76	Male reproductive organs	2R:-:569817-569788	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_105260	SITPDQEKENLNK	AGAP001138-PA	-	57	2.86E-05	2	1515.767	1.17	Pupa	2R:-:569166-569128	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_106568	GAATQADRPK	AGAP001138-PA	-	48	0.000159707	1	1014.533	0.02	Malpighian tubule	2R:-:569817-569788	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_106921	HMVDWIVSNVVK	AGAP001138-PA	M2(Oxidation)	100	1.27E-09	1	1426.753	1.59	Visceras	2R:-:569202-569167	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_108282	RLDYQVER	AGAP001138-PA	Q5(Deamidated)	53	8.96E-05	1	1079.543	-4.54	Head	2R:-:569256-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_108780	RLDYQVER	AGAP001138-PA	-	49	0.000203294	2	1078.564	-0.23	Male reproductive organs	2R:-:569256-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_108952	FGPSLAAYLDK	AGAP001138-PA	-	62	8.06E-06	2	1181.620	-0.3	Salivary gland	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_109002	KENVALQLEAAYR	AGAP001138-PA	-	112	7.00E-11	2	1504.815	1.82	Male reproductive organs	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_110023	KENVALQLEAAYR	AGAP001138-PA	-	95	3.20E-09	1	1504.812	0.01	Salivary gland	2R:-:569331-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_112900	FGPSLAAYLDK	AGAP001138-PA	-	79	1.41E-07	1	1181.624	3.63	Larva	2R:-:569580-569548	exon=> In CDS Exon 2 of transcript AGAP001138-PA
JHU_Ag_115589	AEGQTMLMQAK	AGAP001138-PA	M6(Oxidation), M8(Oxidation)	47	0.000243111	2	1239.571	0.29	Salivary gland	2R:-:569364-569332	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_115786	RLDYQVER	AGAP001138-PA	-	44	0.000673412	1	1078.567	2.93	Visceras	2R:-:569256-569233	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_116675	ENVALQLEAAYR	AGAP001138-PA	N2(Deamidated), Q6(Deamidated)	100	1.44E-09	1	1376.721	3.32	Head	2R:-:569328-569293	exon=> In CDS Exon 3 of transcript AGAP001138-PA
JHU_Ag_3690	YVYQEFLPDPK	AGAP001139-PA	-	40	0.001374447	1	1398.692	-1.49	Pupa	2R:+:570925-570957	exon=> In CDS Exon 2 of transcript AGAP001139-PA
JHU_Ag_13155	RLDDNLLYLR	AGAP001139-PA	-	30	0.008054083	1	1290.721	3.66	Malpighian tubule	2R:+:571252-571281	exon=> In CDS Exon 2 of transcript AGAP001139-PA

JHU_Ag_36995	YVYQEFLPDPK	AGAP001139-PA	-	50	0.000128905	2	1398.693	-0.45	Ovary	2R:+:570925-570957	exon=> In CDS Exon 2 of transcript AGAP001139-PA
JHU_Ag_48879	HNLQGVANIEEHTNER	AGAP001139-PA	-	77	3.49E-07	1	1860.890	-2.44	Ovary	2R:+:571414-571461	exon=> In CDS Exon 2 of transcript AGAP001139-PA
JHU_Ag_65886	HNLQGVANIEEHTNER	AGAP001139-PA	-	94	7.30E-09	1	1860.892	-1.66	Head	2R:+:571414-571461	exon=> In CDS Exon 2 of transcript AGAP001139-PA
JHU_Ag_75367	RLDDNLLYLR	AGAP001139-PA	-	34	0.003762 87	1	1290.719	2.06	Midgut	2R:+:571252-571281	exon=> In CDS Exon 2 of transcript AGAP001139-PA
JHU_Ag_128	ESAIGSGSAGSGANASSEVVK	AGAP001140-PA	-	56	3.78E-05	1	1864.891	1.29	Ovary	2R:-:576820-576758	exon=> In CDS Exon 2 of transcript AGAP001140-PA
JHU_Ag_8157	SIDPSTAEDPFDQLR	AGAP001140-PA	-	43	0.000761 511	2	1690.790	-1.18	Head	2R:-:578101-578057	exon=> In CDS Exon 1 of transcript AGAP001140-PA
JHU_Ag_11259	EQLNEPSPEPVNR	AGAP001140-PA	-	81	1.48E-07	2	1508.742	5.11	Malpighian tubule	2R:-:574279-574241	exon=> In CDS Exon 4 of transcript AGAP001140-PA
JHU_Ag_12735	AMEQEEAAAEQQSLAAERDEAEAEAAVR	AGAP001140-PA	M2(Oxidation)	46	0.000222 066	1	3019.352	-1.01	Male reproductive organs	2R:-:577675-577592	exon=> In CDS Exon 1 of transcript AGAP001140-PA
JHU_Ag_14576	EHYFCSTPCFSAFK	AGAP001140-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	61	3.92E-06	1	1780.757	6.41	Ovary	2R:-:576226-576185	exon=> In CDS Exon 2 of transcript AGAP001140-PA
JHU_Ag_22868	VYEQQENEENPLR	AGAP001140-PA	-	36	0.002730 146	2	1647.772	6.71	Ovary	2R:-:573282-573244	exon=> In CDS Exon 8 of transcript AGAP001140-PA
JHU_Ag_45446	HCSLHCLTLCEVSTSVK	AGAP001140-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C10(Carbamidomethyl)	115	5.43E-11	1	2030.949	1.57	Ovary	2R:-:575941-575891	exon=> In CDS Exon 2 of transcript AGAP001140-PA
JHU_Ag_50365	TAQYELNMTDSSLR	AGAP001140-PA	M8(Oxidation)	63	5.67E-06	2	1644.753	-0.35	Male reproductive organs	2R:-:575857-575816	exon=> In CDS Exon 2 of transcript AGAP001140-PA
JHU_Ag_51936	VTIVPILER	AGAP001140-PA	-	32	0.000735 178	2	1039.656	4.8	Salivary gland	2R:-:577204-577178	exon=> In CDS Exon 1 of transcript AGAP001140-PA
JHU_Ag_53544	EQLNEPSPEPVNR	AGAP001140-PA	-	61	1.39E-05	2	1508.737	2.04	Male reproductive organs	2R:-:574279-574241	exon=> In CDS Exon 4 of transcript AGAP001140-PA
JHU_Ag_67588	AGTVVNNNTQQLSLTPTSK	AGAP001140-PA	-	44	0.000508 416	2	1973.030	0.28	Male reproductive organs	2R:-:574348-574292	exon=> In CDS Exon 4 of transcript AGAP001140-PA
JHU_Ag_74446	SIDPSTAEDPFDQLR	AGAP001140-PA	-	60	1.53E-05	1	1690.790	-0.89	Male reproductive organs	2R:-:578101-578057	exon=> In CDS Exon 1 of transcript AGAP001140-PA
JHU_Ag_75484	VALSSILPNINAR	AGAP001140-PA	-	44	0.000101 003	1	1367.801	0.35	Ovary	2R:-:575329-575291	exon=> In CDS Exon 3 of transcript AGAP001140-PA
JHU_Ag_81093	SVSCRPIQCNVGCQTDDWLQR	AGAP001140-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C13(Carbamidomethyl)	36	0.003115	3	2579.173	7.05	Ovary	2R:-:575011-574949	exon=> In CDS Exon 4 of transcript AGAP001140-PA
JHU_Ag_85840	ESAIGSGSAGSGANASSEVVK	AGAP001140-PA	-	64	6.31E-06	2	1864.894	3.19	Head	2R:-:576820-576758	exon=> In CDS Exon 2 of transcript AGAP001140-PA
JHU_Ag_91718	ESAIGSGSAGSGANASSEVVK	AGAP001140-PA	-	87	2.76E-08	2	1864.892	1.81	Male reproductive organs	2R:-:576820-576758	exon=> In CDS Exon 2 of transcript AGAP001140-PA
JHU_Ag_104432	ESAIGSGSAGSGANASSEVVK	AGAP001140-PA	-	86	3.75E-08	2	1864.896	4.04	Malpighian tubule	2R:-:576820-576758	exon=> In CDS Exon 2 of transcript AGAP001140-PA
JHU_Ag_104980	AGTVVNNNTQQLSLTPTSKR	AGAP001140-PA	-	63	4.28E-06	1	2129.140	4.28	Malpighian tubule	2R:-:574348-574289	exon=> In CDS Exon 4 of transcript AGAP001140-PA
JHU_Ag_2922	ELYGNSPGTTFDNIVK	AGAP001141-PA,AGAP001141-PB	-	62	9.93E-06	1	1754.863	2.04	Head	2R:+:584151-584198;2R:+:584151-584198	exon=> In CDS Exon 2 of transcript AGAP001141-PA;exon=> In CDS Exon 2 of transcript AGAP001141-PB
JHU_Ag_23749	FTEWLIQQGLIK	AGAP001141-PA,AGAP001141-PB	-	40	0.000645 476	2	1475.830	2.81	Ovary	2R:+:583270-583305;2R:+:583270-583305	exon=> In CDS Exon 1 of transcript AGAP001141-PA;exon=> In CDS Exon 1 of transcript AGAP001141-PB
JHU_Ag_27244	VEVLGVLDPEAK	AGAP001141-PA,AGAP001141-PB	-	62	4.43E-06	2	1268.710	0.03	Ovary	2R:+:583791-583826;2R:+:583791-583826	exon=> In CDS Exon 2 of transcript AGAP001141-PA;exon=> In CDS Exon 2 of transcript AGAP001141-PB

JHU_Ag_42749	SAAEPSAVVDLTKDDSGKPTADSR	AGAP001141-PA,AGAP001141-PB	-	88	2.80E-08	1	2417.190	4.29	Malpighian tubule	2R:+:583048-583119;2R:+:583048-583119	exon=> In CDS Exon 1 of transcript AGAP001141-PA;exon=> In CDS Exon 1 of transcript AGAP001141-PB
JHU_Ag_67093	ELYGNSPGTTFDNIVK	AGAP001141-PA,AGAP001141-PB	-	77	2.85E-07	1	1754.863	1.9	Ovary	2R:+:584151-584198;2R:+:584151-584198	exon=> In CDS Exon 2 of transcript AGAP001141-PA;exon=> In CDS Exon 2 of transcript AGAP001141-PB
JHU_Ag_68123	GLYTLLR	AGAP001141-PA,AGAP001141-PB	-	30	0.004408078	2	835.505	1.18	Head	2R:+:583570-583590;2R:+:583570-583590	exon=> In CDS Exon 1 of transcript AGAP001141-PA;exon=> In CDS Exon 1 of transcript AGAP001141-PB
JHU_Ag_71364	VVDKAVTDRPQLDAK	AGAP001141-PA,AGAP001141-PB	-	46	0.000138482	1	1654.916	2.31	Malpighian tubule	2R:+:583192-583236;2R:+:583192-583236	exon=> In CDS Exon 1 of transcript AGAP001141-PA;exon=> In CDS Exon 1 of transcript AGAP001141-PB
JHU_Ag_88205	MFQNTLSLLSR	AGAP001141-PA,AGAP001141-PB	-	39	0.001630677	2	1309.694	0.42	Ovary	2R:+:584079-584111;2R:+:584079-584111	exon=> In CDS Exon 2 of transcript AGAP001141-PA;exon=> In CDS Exon 2 of transcript AGAP001141-PB
JHU_Ag_93464	DELSPAQTAAYEK	AGAP001141-PA,AGAP001141-PB	-	106	4.34E-10	1	1422.676	1.09	Head	2R:+:582463-582501;2R:+:582463-582501	exon=> In CDS Exon 1 of transcript AGAP001141-PA;exon=> In CDS Exon 1 of transcript AGAP001141-PB
JHU_Ag_104044	MFQNTLSLLSR	AGAP001141-PA,AGAP001141-PB	-	56	2.38E-05	2	1309.701	6.2	Malpighian tubule	2R:+:584079-584111;2R:+:584079-584111	exon=> In CDS Exon 2 of transcript AGAP001141-PA;exon=> In CDS Exon 2 of transcript AGAP001141-PB
JHU_Ag_109730	VAAISVRPTEFNSIGGLQVGAEK	AGAP001141-PA,AGAP001141-PB	-	99	6.30E-10	1	2343.265	-0.57	Head	2R:+:582967-583035;2R:+:582967-583035	exon=> In CDS Exon 1 of transcript AGAP001141-PA;exon=> In CDS Exon 1 of transcript AGAP001141-PB
JHU_Ag_12591	TCSCLICEQR	AGAP001141-PB	C2(Carbamidomethyl), C4(Carbamidomethyl), C7(Carbamidomethyl)	37	0.001028131	2	1326.559	-0.71	Ovary	2R:+:586225-586248,586330-586335	exon=> In CDS Exon 4 and 5 of transcript AGAP001141-PB
JHU_Ag_46188	NVHQFLAHLR	AGAP001141-PB	-	37	0.002098956	1	1234.688	6.11	Ovary	2R:+:586555-586584	exon=> In CDS Exon 5 of transcript AGAP001141-PB
JHU_Ag_59608	SVTSSATVIPKPPK	AGAP001141-PB	-	47	8.46E-05	2	1411.816	0.37	Ovary	2R:+:586711-586749,586826-586828	exon=> In CDS Exon 5 and 6 of transcript AGAP001141-PB
JHU_Ag_106704	DKQEVTFLR	AGAP001146-PA	-	39	0.001919637	2	1135.616	4.94	Malpighian tubule	2R:-:599132-599106	exon=> In CDS Exon 2 of transcript AGAP001146-PA
JHU_Ag_115575	LLQIVK	AGAP001146-PA	Q3(Deamidated)	35	0.0004994	1	714.476	-0.55	Midgut	2R:-:596606-596589	exon=> In CDS Exon 2 of transcript AGAP001146-PA
JHU_Ag_5302	DEDLSSESVEVLR	AGAP001147-PA	-	81	1.35E-07	2	1477.700	-1.17	Head	2R:-:600197-600239,599852-600092	exon=> In CDS Exon 2 and 1 of transcript AGAP001147-PA
JHU_Ag_82355	GSIRDEDLSSESVEVLR	AGAP001147-PA	-	56	4.51E-05	3	1890.946	2.7	Head	2R:-:600209-600239,599852-600092	exon=> In CDS Exon 2 and 1 of transcript AGAP001147-PA
JHU_Ag_2112	ICLLDMR	AGAP001149-PA	C2(Carbamidomethyl), M6(Oxidation)	37	0.002205973	2	936.464	0.16	Ovary	2R:+:607606-607626	exon=> In CDS Exon 2 of transcript AGAP001149-PA
JHU_Ag_3843	TAVQSISIHPHGK	AGAP001149-PA	-	59	1.38E-05	1	1374.748	-0.73	Ovary	2R:+:607792-607830	exon=> In CDS Exon 2 of transcript AGAP001149-PA
JHU_Ag_5510	SSGFIEEPADDVIEPSK	AGAP001149-PA	-	117	2.60E-11	1	1819.862	1.05	Ovary	2R:+:608587-608637	exon=> In CDS Exon 2 of transcript AGAP001149-PA
JHU_Ag_31220	VVDIISIETTR	AGAP001149-PA	-	64	2.93E-06	1	1245.711	5.14	Ovary	2R:+:607996-608028	exon=> In CDS Exon 2 of transcript AGAP001149-PA
JHU_Ag_32549	VLADVQWSPDGEHFALLGNR	AGAP001149-PA	-	91	9.86E-09	1	2224.121	2.67	Ovary	2R:+:607936-607995	exon=> In CDS Exon 2 of transcript AGAP001149-PA
JHU_Ag_47199	MALSLGSDMTLK	AGAP001149-PA	M1(Oxidation), M9(Oxidation)	43	0.00064904	2	1298.634	0.73	Ovary	2R:+:607831-607866	exon=> In CDS Exon 2 of transcript AGAP001149-PA
JHU_Ag_50011	SSGFIEEPADDVIEPSKADNLVEAK	AGAP001149-PA	-	66	4.28E-06	1	2660.302	2.97	Ovary	2R:+:608587-608661	exon=> In CDS Exon 2 of transcript AGAP001149-PA

JHU_Ag_69895	ADNLVEAK	AGAP001149-PA	-	45	0.000570 39	2	859.451	-0.65	Ovary	2R:+:608638-608661	exon=> In CDS Exon 2 of transcript AGAP001149-PA
JHU_Ag_30505	VLLESNALR	AGAP001150-PA	-	35	0.003075 674	1	1014.595	0.5	Malpighian tubule	2R:+:612189-612215	exon=> In CDS Exon 7 of transcript AGAP001150-PA
JHU_Ag_54784	SVLSNLDTALSTLIHSVNR	AGAP001150-PA	-	47	0.000130 272	1	2040.111	1.48	Malpighian tubule	2R:+:611471-611527	exon=> In CDS Exon 6 of transcript AGAP001150-PA
JHU_Ag_61815	LLQHLK	AGAP001150-PA	-	26	0.002249 055	1	751.482	-0.3	Salivary gland	2R:+:612171-612188	exon=> In CDS Exon 7 of transcript AGAP001150-PA
JHU_Ag_112859	GIGDPLVAIYAR	AGAP001150-PA	-	40	0.000801 708	2	1244.705	3.98	Malpighian tubule	2R:+:610250-610285	exon=> In CDS Exon 3 of transcript AGAP001150-PA
JHU_Ag_48137	ELLPR	AGAP001150-PA,AGAP013057-PA,AGAP010634-PA,AGAP010669-PA	-	31	0.003100 707	1	627.383	0.54	Visceras	2R:+:610142-610156;2R:-:53897938-53897924;3L:+:768 0426-7680440;3L:-:8175771-8175757	exon=> In CDS Exon 3 of transcript AGAP001150-PA;exon=> In CDS Exon 2 of transcript AGAP013057-PA;exon=> In CDS Exon 1 of transcript AGAP010634-PA;exon=> In CDS Exon 2 of transcript AGAP010669-PA
JHU_Ag_571	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	131	1.09E-12	1	1821.921	2.73	Malpighian tubule	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_1081	DNLTLWTSDMQADGEGEQK	AGAP001151-PA	M10(Oxidation)	73	3.18E-07	2	2153.925	-2.17	Salivary gland	2R:-:617802-617943,617564-617603	exon=> In CDS Exon 5 and 4 of transcript AGAP001151-PA
JHU_Ag_1942	IISSIEQKEENK	AGAP001151-PA	-	47	0.000250 374	2	1417.754	0.59	Salivary gland	2R:-:618529-618494	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_2044	DICSDILEVLDKHLIPCATTGESK	AGAP001151-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	39	0.001739 213	1	2714.334	-1.41	Midgut	2R:-:618294-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_2921	SQVEKELR	AGAP001151-PA	-	54	7.84E-05	1	988.543	1.04	Malpighian tubule	2R:-:618318-618295	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_4175	YLAEFATGGDRK	AGAP001151-PA	-	76	2.66E-07	1	1327.668	2.82	Midgut	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_4771	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	38	0.002478 133	2	1493.721	3.58	Larva	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_5206	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	123	6.34E-12	1	2087.969	1.75	Visceras	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_5229	YDEMVEAMK	AGAP001151-PA	M4(Oxidation), M8(Oxidation)	56	2.88E-06	1	1147.465	0.53	Ovary	2R:-:625056-625113,618494-618629	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_7501	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	92	1.20E-08	1	1419.706	1.47	Midgut	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_7941	EQIQDVEDQDVS	AGAP001151-PA	-	71	4.65E-07	1	1404.614	1.06	Ovary	2R:-:617602-617567	exon=> In CDS Exon 5 of transcript AGAP001151-PA
JHU_Ag_8327	IISSIEQK	AGAP001151-PA	-	41	0.000996 727	1	917.530	-0.39	Midgut	2R:-:618529-618506	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_10734	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	82	8.67E-08	2	1821.921	2.26	Larva	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_10782	DICSDILEVLDKHLIPCATTGESK	AGAP001151-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	98	1.84E-09	1	2714.351	4.79	Salivary gland	2R:-:618294-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_10969	YLAEFATGGDRK	AGAP001151-PA	-	83	5.39E-08	1	1327.667	1.99	Male reproductive organs	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_11461	GVEEKLEMIK	AGAP001151-PA	M8(Oxidation)	68	2.39E-06	1	1191.629	0.14	Ovary	2R:-:618357-618328	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_13408	YLAEFATGGDRK	AGAP001151-PA	-	77	2.42E-07	1	1327.665	0.61	Salivary gland	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA

JHU_Ag_14591	DNLTLWTSDMQADGEGEQK	AGAP001151-PA	M10(Oxidation)	138	9.19E-14	1	2153.933	1.91	Ovary	2R:-:617802-617943,617564-617603	exon=> In CDS Exon 5 and 4 of transcript AGAP001151-PA
JHU_Ag_14674	IISSIEQK	AGAP001151-PA	-	40	0.001107515	1	917.532	1.53	Larva	2R:-:618529-618506	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_15561	EQIQDVEDQDVS	AGAP001151-PA	-	34	0.002249838	2	1404.615	1.93	Malpighian tubule	2R:-:617602-617567	exon=> In CDS Exon 5 of transcript AGAP001151-PA
JHU_Ag_16088	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	97	3.35E-09	2	1493.717	1.45	Malpighian tubule	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_16144	DAAENSLVAYK	AGAP001151-PA	-	83	7.22E-08	1	1180.585	0.64	Head	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_17183	YDEMVEAMKK	AGAP001151-PA	M4(Oxidation), M8(Oxidation)	39	0.000885608	1	1275.559	-0.67	Midgut	2R:-:625056-625113,618494-618626	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_17320	IISSIEQK	AGAP001151-PA	-	54	4.25E-05	1	917.532	1.6	Male reproductive organs	2R:-:618529-618506	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_17436	LAEQAERYDEMVEAMK	AGAP001151-PA	-	66	2.79E-06	1	1912.874	-2.33	Midgut	2R:-:625077-625113,618494-618629	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_18026	YLAEFATGGDRK	AGAP001151-PA	-	83	6.97E-08	1	1327.661	-2.15	Head	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_18216	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	116	3.49E-11	1	1805.924	1.23	Salivary gland	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_22677	YDEMVEAMK	AGAP001151-PA	M8(Oxidation)	61	3.80E-06	2	1115.475	0.51	Head	2R:-:625056-625113,618494-618629	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_22908	KDAAENSLVAYK	AGAP001151-PA	-	47	0.000300794	2	1308.679	-0.35	Salivary gland	2R:-:618153-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_25079	DAAENSLVAYK	AGAP001151-PA	-	63	7.65E-06	1	1180.585	0.81	Visceras	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_26558	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	91	1.31E-08	2	2087.979	6.54	Malpighian tubule	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_26754	YDEMVEAMKK	AGAP001151-PA	M4(Oxidation), M8(Oxidation)	35	0.002724453	1	1275.564	3.63	Larva	2R:-:625056-625113,618494-618626	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_28102	DAAENSLVAYK	AGAP001151-PA	-	100	1.55E-09	1	1180.585	0.02	Ovary	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_29786	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	114	5.71E-11	1	2087.974	3.97	Larva	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_30103	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	101	1.50E-09	2	1419.706	1.56	Malpighian tubule	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_30932	YLAEFATGGDRK	AGAP001151-PA	-	79	1.45E-07	1	1327.663	-1.04	Pupa	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_31718	YLAEFATGGDR	AGAP001151-PA	-	69	1.35E-06	2	1199.569	0.17	Ovary	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_33545	YLAEFATGGDR	AGAP001151-PA	-	80	9.41E-08	2	1199.568	-0.65	Male reproductive organs	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_33732	IISSIEQK	AGAP001151-PA	-	39	0.001440317	1	917.532	1.68	Pupa	2R:-:618529-618506	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_33957	YLAEFATGGDR	AGAP001151-PA	-	61	7.41E-06	1	1199.568	-0.99	Midgut	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_34265	LAEQAER	AGAP001151-PA	-	53	8.48E-05	2	816.421	0.02	Salivary gland	2R:-:625077-625057	exon=> In CDS Exon 1 of transcript AGAP001151-PA
JHU_Ag_34606	DAAENSLVAYK	AGAP001151-PA	N5(Deamidated)	76	4.37E-07	1	1181.574	4.83	Midgut	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA

JHU_Ag_35539	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	133	7.38E-13	1	1821.917	0.12	Ovary	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_36950	YDEMVEAMK	AGAP001151-PA	-	55	1.53E-05	1	1115.477	1.6	Salivary gland	2R:-:625056-625113,618494-618629	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_37372	AAFDDAIAELDTLSEESYKDSTLIMQLLR	AGAP001151-PA	M25(Oxidation)	217	2.13E-21	1	3274.620	5.12	Ovary	2R:-:617889-617803	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_37919	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	91	1.16E-08	2	1493.717	1.04	Pupa	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_38657	AAFDDAIAELDTLSEESYKDSTLIMQLLR	AGAP001151-PA	M25(Oxidation)	131	1.02E-12	1	3258.619	3.21	Pupa	2R:-:617889-617803	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_40749	YDEMVEAMKK	AGAP001151-PA	M4(Oxidation), M8(Oxidation)	44	0.000307085	1	1275.562	1.62	Male reproductive organs	2R:-:625056-625113,618494-618626	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_43095	MKGDYHR	AGAP001151-PA	-	42	0.000899 29	2	906.428	3.32	Malpighian tubule	2R:-:618207-618187	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_44532	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	104	8.60E-10	1	1419.710	4.31	Male reproductive organs	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_45570	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	142	9.40E-14	1	2087.969	1.4	Pupa	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_47002	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	82	1.16E-07	2	1419.711	4.91	Larva	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_47366	HLIPCATTGESK	AGAP001151-PA	C5(Carbamidomethyl)	79	1.53E-07	2	1313.655	2.35	Ovary	2R:-:618258-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_47846	DICSDILEVLDKHLIPCATTGESK	AGAP001151-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	112	8.01E-11	1	2714.342	1.69	Head	2R:-:618294-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_47999	GVEEKLEMIK	AGAP001151-PA	M8(Oxidation)	40	0.001490287	2	1191.632	2.6	Malpighian tubule	2R:-:618357-618328	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_49675	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	95	4.22E-09	1	1493.715	-0.43	Salivary gland	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_49993	YLAEFATGGDR	AGAP001151-PA	-	73	5.49E-07	2	1199.569	-0.03	Pupa	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_51281	YLAEFATGGDR	AGAP001151-PA	-	33	0.004901239	1	1199.572	2.06	Larva	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_51408	YLAEFATGGDR	AGAP001151-PA	-	76	2.63E-07	2	1199.570	0.78	Salivary gland	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_52073	HLIPCATTGESK	AGAP001151-PA	C5(Carbamidomethyl)	55	3.39E-05	2	1313.651	-0.62	Visceras	2R:-:618258-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_52512	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	101	1.14E-09	1	1493.715	-0.35	Midgut	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_56225	IISSIEQKEENK	AGAP001151-PA	-	82	7.73E-08	1	1417.756	1.8	Malpighian tubule	2R:-:618529-618494	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_57083	YDEMVEAMK	AGAP001151-PA	-	46	0.000107264	2	1115.478	2.7	Malpighian tubule	2R:-:625056-625113,618494-618629	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_58231	DNLTLWTSDMQADGEGEQK	AGAP001151-PA	M10(Oxidation)	71	5.05E-07	2	2153.929	-0.24	Male reproductive organs	2R:-:617802-617943,617564-617603	exon=> In CDS Exon 5 and 4 of transcript AGAP001151-PA
JHU_Ag_58385	IISSIEQK	AGAP001151-PA	-	60	1.22E-05	1	917.529	-1.33	Head	2R:-:618529-618506	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_59815	IISSIEQKEENK	AGAP001151-PA	-	53	7.55E-05	2	1417.752	-0.96	Visceras	2R:-:618529-618494	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_59856	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	124	6.48E-12	1	2087.973	3.74	Midgut	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_60171	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	131	1.11E-12	1	1821.915	-0.75	Midgut	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA

JHU_Ag_60274	KVASMDVELTVEER	AGAP001151-PA	M5(Oxidation)	67	3.73E-06	2	1621.811	0.66	Midgut	2R:-:618628-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_61173	NVIGAR	AGAP001151-PA	-	31	0.004777272	1	629.374	1.96	Midgut	2R:-:618562-618545	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_61203	HLIPCATTGESK	AGAP001151-PA	C5(Carbamidomethyl)	68	1.75E-06	1	1313.649	-1.96	Head	2R:-:618258-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_61268	YLAEFATGGDRK	AGAP001151-PA	-	76	2.95E-07	1	1327.666	1.53	Malpighian tubule	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_61693	NLLSVAYKNVIGAR	AGAP001151-PA	-	76	8.83E-08	1	1517.883	2.03	Head	2R:-:618586-618545	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_61758	SERENNIYK	AGAP001151-PA	N-Term(Acetyl)	46	0.000356318	1	1194.577	1.35	Malpighian tubule	2R:-:625110-625084	exon=> In CDS Exon 1 of transcript AGAP001151-PA
JHU_Ag_62252	GVEEKLEMIK	AGAP001151-PA	M8(Oxidation)	63	7.22E-06	1	1191.631	1.68	Male reproductive organs	2R:-:618357-618328	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_63428	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	98	3.00E-09	1	1419.705	0.87	Head	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_63712	AAFDDAIAELDTLSEESYKDSTLIMQLLR	AGAP001151-PA	M25(Oxidation)	131	1.08E-12	1	3274.600	-1.25	Head	2R:-:617889-617803	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_64403	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	138	2.43E-13	1	1821.920	1.73	Head	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_65377	DAAENSLVAYK	AGAP001151-PA	-	90	1.66E-08	1	1180.584	-0.08	Pupa	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_66320	GVEEKLEMIK	AGAP001151-PA	M8(Oxidation)	43	0.000720002	2	1191.630	0.66	Salivary gland	2R:-:618357-618328	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_67699	YDEMVEAMK	AGAP001151-PA	-	38	0.000724599	2	1115.471	-3.32	Midgut	2R:-:625056-625113,618494-618629	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_67986	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	65	5.64E-06	2	1419.705	0.96	Visceras	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_71353	ENNIYKAK	AGAP001151-PA	-	38	0.002434266	1	979.521	0.11	Malpighian tubule	2R:-:625101-625078	exon=> In CDS Exon 1 of transcript AGAP001151-PA
JHU_Ag_71504	GVEEKLEMIK	AGAP001151-PA	M8(Oxidation)	41	0.0013145	1	1191.628	-0.57	Midgut	2R:-:618357-618328	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_73358	DNLTLWTSDMQADGEGEQK	AGAP001151-PA	M10(Oxidation)	125	1.92E-12	1	2153.931	0.89	Head	2R:-:617802-617943,617564-617603	exon=> In CDS Exon 5 and 4 of transcript AGAP001151-PA
JHU_Ag_73432	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	95	6.45E-09	1	1419.707	2.5	Ovary	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_73857	LAEQAERYDEMVEAMK	AGAP001151-PA	M15(Oxidation),"M11(Oxidation), M15(Oxidation)",M11(Oxidation)	108	2.08E-10	1	1912.884	3.28	Malpighian tubule	2R:-:625077-625113,618494-618629	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA
JHU_Ag_77193	KDAAENSLVAYK	AGAP001151-PA	-	75	5.01E-07	2	1308.680	0.12	Male reproductive organs	2R:-:618153-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_77446	AAFDDAIAELDTLSEESYKDSTLIMQLLR	AGAP001151-PA	M25(Oxidation)	135	3.22E-13	1	3274.620	5.01	Malpighian tubule	2R:-:617889-617803	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_77568	AAFDDAIAELDTLSEESYKDSTLIMQLLR	AGAP001151-PA	M25(Oxidation)	175	4.15E-17	1	3258.617	2.42	Midgut	2R:-:617889-617803	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_77676	YLAEFATGGDRK	AGAP001151-PA	-	77	2.28E-07	1	1327.667	2.36	Ovary	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_78231	YLAEFATGGDR	AGAP001151-PA	-	63	4.86E-06	1	1199.569	0.03	Head	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_79338	LAEQAER	AGAP001151-PA	-	44	0.000543524	2	816.422	1.74	Head	2R:-:625077-625057	exon=> In CDS Exon 1 of transcript AGAP001151-PA
JHU_Ag_80306	KDAAENSLVAYK	AGAP001151-PA	-	67	2.91E-06	2	1308.682	2.26	Pupa	2R:-:618153-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA

JHU_Ag_82517	EQIQDVEDQDVS	AGAP001151-PA	-	44	0.000208619	1	1404.614	0.77	Head	2R:-:617602-617567	exon=> In CDS Exon 5 of transcript AGAP001151-PA
JHU_Ag_83553	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	91	1.63E-08	2	1419.710	4.22	Salivary gland	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_84582	NLLSVAYKNVIGAR	AGAP001151-PA	-	81	2.40E-08	1	1517.887	4.84	Malpighian tubule	2R:-:618586-618545	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_85136	LAEQAER	AGAP001151-PA	-	55	4.38E-05	2	816.422	1.22	Ovary	2R:-:625077-625057	exon=> In CDS Exon 1 of transcript AGAP001151-PA
JHU_Ag_85600	YLAEFATGGDRK	AGAP001151-PA	-	76	2.98E-07	1	1327.662	-1.5	Visceras	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_85917	AAFDDAIAELDTLSEESYKDSTLIMQLLR	AGAP001151-PA	M25(Oxidation)	129	1.43E-12	1	3274.616	3.89	Larva	2R:-:617889-617803	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_87515	IISSIEQK	AGAP001151-PA	-	46	0.000251425	1	917.531	0.46	Ovary	2R:-:618529-618506	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_87843	LGLALNFSVFYYEILNSPDR	AGAP001151-PA	-	84	5.03E-08	1	2331.202	-0.12	Ovary	2R:-:618066-618357,617763-617908	exon=> In CDS Exon 4 and 3 of transcript AGAP001151-PA
JHU_Ag_88172	VASMDVELTVEERNLLSVAYK	AGAP001151-PA	M4(Oxidation)	114	3.93E-11	1	2382.235	5.25	Malpighian tubule	2R:-:618625-618563	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_88514	DICSDILEVLDKHLIPCATTGESK	AGAP001151-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	65	5.13E-06	1	2714.336	-0.5	Ovary	2R:-:618294-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_88678	DNLTLWTSDMQADGEGEQK	AGAP001151-PA	M10(Oxidation)	125	2.01E-12	1	2153.933	1.91	Midgut	2R:-:617802-617943,617564-617603	exon=> In CDS Exon 5 and 4 of transcript AGAP001151-PA
JHU_Ag_90030	IISSIEQKEENK	AGAP001151-PA	-	91	1.05E-08	1	1417.754	0.68	Ovary	2R:-:618529-618494	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_90365	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	150	1.30E-14	1	2087.965	-0.12	Salivary gland	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_90530	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	141	1.18E-13	1	1821.917	0.25	Male reproductive organs	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_90646	DAAENSLVAYK	AGAP001151-PA	-	85	4.82E-08	1	1180.586	0.96	Malpighian tubule	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_91620	AASDIAMTDLPPTHPIR	AGAP001151-PA	M7(Oxidation)	117	3.17E-11	1	1821.916	-0.22	Pupa	2R:-:618117-618067	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_92001	ELRDICSDILEVLDK	AGAP001151-PA	C6(Carbamidomethyl)	62	9.51E-06	2	1817.941	5.11	Head	2R:-:618303-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_92958	SERENNIYK	AGAP001151-PA	N-Term(Acetyl), N5(Deamidated)	59	1.60E-05	1	1195.559	0.01	Malpighian tubule	2R:-:625110-625084	exon=> In CDS Exon 1 of transcript AGAP001151-PA
JHU_Ag_93420	HLIPCATTGESK	AGAP001151-PA	C5(Carbamidomethyl)	46	0.000266967	2	1313.653	0.87	Pupa	2R:-:618258-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_93982	YLAEFATGGDR	AGAP001151-PA	-	72	6.42E-07	2	1199.571	1.9	Malpighian tubule	2R:-:618186-618154	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_93992	LAEQAER	AGAP001151-PA	-	53	8.28E-05	2	816.421	-0.28	Malpighian tubule	2R:-:625077-625057	exon=> In CDS Exon 1 of transcript AGAP001151-PA
JHU_Ag_95676	DNLTLWTSDMQADGEGEQK	AGAP001151-PA	-	147	1.83E-14	1	2137.940	2.63	Malpighian tubule	2R:-:617802-617943,617564-617603	exon=> In CDS Exon 5 and 4 of transcript AGAP001151-PA
JHU_Ag_95833	EQIQDVEDQDVS	AGAP001151-PA	-	55	1.68E-05	2	1404.614	0.8	Salivary gland	2R:-:617602-617567	exon=> In CDS Exon 5 of transcript AGAP001151-PA
JHU_Ag_96597	DAAENSLVAYK	AGAP001151-PA	N5(Deamidated)	71	1.23E-06	2	1180.584	-0.18	Salivary gland	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_97127	KDAAENSLVAYK	AGAP001151-PA	-	89	1.60E-08	1	1308.678	-1	Midgut	2R:-:618153-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_99275	YDEMVEAMKK	AGAP001151-PA	M4(Oxidation), M8(Oxidation)	57	1.59E-05	1	1275.561	0.73	Ovary	2R:-:625056-625113,618494-618626	exon=> In CDS Exon 2 and 1 of transcript AGAP001151-PA

JHU_Ag_100605	DNLTLWTSDMQADGEGEQK	AGAP001151-PA	M10(Oxidation)	118	9.44E-12	1	2153.931	0.67	Pupa	2R:-:617802-617943,617564-617603	exon=> In CDS Exon 5 and 4 of transcript AGAP001151-PA
JHU_Ag_100633	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	101	1.24E-09	1	1493.715	-0.02	Head	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_103549	YLAEFATGGDRK	AGAP001151-PA	-	76	2.93E-07	1	1327.668	3	Larva	2R:-:618186-618151	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_105145	KDAAENSLVAYK	AGAP001151-PA	-	93	7.22E-09	1	1308.679	-0.35	Head	2R:-:618153-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_105344	HLIPCATTGESK	AGAP001151-PA	C5(Carbamidomethyl)	65	4.11E-06	1	1313.660	6.35	Malpighian tubule	2R:-:618258-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_105776	DAAENSLVAYK	AGAP001151-PA	-	80	1.64E-07	2	1180.584	-0.49	Male reproductive organs	2R:-:618150-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_106354	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	101	1.30E-09	1	1493.717	1.21	Ovary	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_108230	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	177	3.07E-17	1	2087.974	3.97	Head	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_108707	IISSIEQKEENK	AGAP001151-PA	-	58	1.90E-05	2	1417.753	0.07	Male reproductive organs	2R:-:618529-618494	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_109894	KDAAENSLVAYK	AGAP001151-PA	-	70	1.43E-06	2	1308.679	-0.35	Ovary	2R:-:618153-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_110592	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	158	2.15E-15	1	2087.965	-0.12	Ovary	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_111293	VASMDVELTVEER	AGAP001151-PA	M4(Oxidation)	101	1.15E-09	1	1493.715	-0.02	Male reproductive organs	2R:-:618625-618587	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_111765	HLIPCATTGESK	AGAP001151-PA	C5(Carbamidomethyl)	60	1.16E-05	2	1313.653	0.59	Salivary gland	2R:-:618258-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_111839	IISSIEQK	AGAP001151-PA	-	42	0.000662 84	2	917.530	0.07	Salivary gland	2R:-:618529-618506	exon=> In CDS Exon 2 of transcript AGAP001151-PA
JHU_Ag_112288	EQIQDVEDQDVS	AGAP001151-PA	-	53	2.56E-05	1	1404.613	0.1	Male reproductive organs	2R:-:617602-617567	exon=> In CDS Exon 5 of transcript AGAP001151-PA
JHU_Ag_113787	EQIQDVEDQDVS	AGAP001151-PA	-	51	4.11E-05	2	1404.610	-2.15	Midgut	2R:-:617602-617567	exon=> In CDS Exon 5 of transcript AGAP001151-PA
JHU_Ag_114311	AAFDDAIAELDTLSEESYK	AGAP001151-PA	-	177	3.03E-17	1	2087.967	0.7	Male reproductive organs	2R:-:617889-617833	exon=> In CDS Exon 4 of transcript AGAP001151-PA
JHU_Ag_115358	KDAAENSLVAYK	AGAP001151-PA	-	91	1.03E-08	1	1308.682	1.89	Malpighian tubule	2R:-:618153-618118	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_116247	DICSDILEVLDK	AGAP001151-PA	C3(Carbamidomethyl)	91	1.59E-08	2	1419.707	2.68	Pupa	2R:-:618294-618259	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_116489	HLIPCATTGESK	AGAP001151-PA	C5(Carbamidomethyl)	50	0.000122 513	2	1313.651	-0.62	Midgut	2R:-:618258-618223	exon=> In CDS Exon 3 of transcript AGAP001151-PA
JHU_Ag_17075	LSETIGMLIEDFSLVR	AGAP001152-PA	M7(Oxidation)	102	6.41E-10	1	1838.959	1.28	Ovary	2R:+:626250-626297	exon=> In CDS Exon 2 of transcript AGAP001152-PA
JHU_Ag_47056	VVNLDPAAEHFDYQPFLDIR	AGAP001152-PA	-	75	5.67E-07	1	2359.173	0.55	Ovary	2R:+:625671-625730	exon=> In CDS Exon 2 of transcript AGAP001152-PA
JHU_Ag_18915	IFSLSGTLETVR	AGAP001153-PA	-	74	2.50E-07	2	1322.736	3.5	Salivary gland	2R:-:627050-627015	exon=> In CDS Exon 3 of transcript AGAP001153-PA
JHU_Ag_36581	IFSLSGTLETVR	AGAP001153-PA	-	87	1.23E-08	2	1322.731	-0.28	Midgut	2R:-:627050-627015	exon=> In CDS Exon 3 of transcript AGAP001153-PA
JHU_Ag_52416	AQTEAVTFLGNQESSR	AGAP001153-PA	-	49	0.000226 91	2	1737.847	4.12	Salivary gland	2R:-:627539-627492	exon=> In CDS Exon 2 of transcript AGAP001153-PA
JHU_Ag_52817	FLAHQPDKDPPFVAQETLR	AGAP001153-PA	-	62	8.86E-06	1	2209.134	-2.55	Head	2R:-:627389-627333	exon=> In CDS Exon 2 of transcript AGAP001153-PA
JHU_Ag_54115	FLAHQPDKDPPFVAQETLR	AGAP001153-PA	-	96	2.89E-09	1	2209.140	-0.23	Midgut	2R:-:627389-627333	exon=> In CDS Exon 2 of transcript AGAP001153-PA

JHU_Ag_56486	AQTEAVTFLGNQESSR	AGAP001153-PA	-	113	9.00E-11	1	1737.844	2.37	Malpighian tubule	2R:-:627539-627492	exon=> In CDS Exon 2 of transcript AGAP001153-PA
JHU_Ag_58298	ETPAASVYWWR	AGAP001153-PA	-	42	0.000987033	2	1365.657	-1.37	Midgut	2R:-:627227-627831,626658-627114	exon=> In CDS Exon 3 and 2 of transcript AGAP001153-PA
JHU_Ag_59049	ETPAASVYWWR	AGAP001153-PA	-	45	0.000434863	2	1365.662	2.29	Salivary gland	2R:-:627227-627831,626658-627114	exon=> In CDS Exon 3 and 2 of transcript AGAP001153-PA
JHU_Ag_69666	GVVGQEPILSPR	AGAP001153-PA	-	45	0.000121	2	1251.715	7.69	Salivary gland	2R:-:627008-626973	exon=> In CDS Exon 3 of transcript AGAP001153-PA
JHU_Ag_74654	DPPFVAQETLR	AGAP001153-PA	-	54	5.41E-05	2	1272.658	-0.65	Head	2R:-:627365-627333	exon=> In CDS Exon 2 of transcript AGAP001153-PA
JHU_Ag_80678	GVVGQEPILSPR	AGAP001153-PA	-	53	3.55E-05	2	1251.706	0.08	Midgut	2R:-:627008-626973	exon=> In CDS Exon 3 of transcript AGAP001153-PA
JHU_Ag_85352	SLYAIPGLDYVAHEDILPYSSGEQHPLQHELFDK	AGAP001153-PA	-	40	0.000849943	1	3881.907	1.33	Malpighian tubule	2R:-:627491-627390	exon=> In CDS Exon 2 of transcript AGAP001153-PA
JHU_Ag_92938	QPSGASGGGDDSTPSSTTTPTSSTKPNTK	AGAP001153-PA	-	53	5.74E-05	1	2751.253	-0.94	Head	2R:-:626777-626691	exon=> In CDS Exon 3 of transcript AGAP001153-PA
JHU_Ag_95727	AQTEAVTFLGNQESSR	AGAP001153-PA	-	35	0.004907314	2	1737.845	2.58	Ovary	2R:-:627539-627492	exon=> In CDS Exon 2 of transcript AGAP001153-PA
JHU_Ag_104562	GVVGQEPILSPR	AGAP001153-PA	-	50	5.56E-05	2	1251.707	1.25	Malpighian tubule	2R:-:627008-626973	exon=> In CDS Exon 3 of transcript AGAP001153-PA
JHU_Ag_115975	IFSLSGTLETVR	AGAP001153-PA	-	52	3.97E-05	2	1322.737	4.15	Malpighian tubule	2R:-:627050-627015	exon=> In CDS Exon 3 of transcript AGAP001153-PA
JHU_Ag_71439	LLMLRMQLEGLLAR	AGAP001156-PA	Q7(Deamidated)	36	0.00044789	1	1657.970	12.39	Larva	2R:-:634568-634527	exon=> In CDS Exon 2 of transcript AGAP001156-PA
JHU_Ag_5401	TEVQLVVLR	AGAP001157-PA	-	34	0.001890624	2	1056.645	3.99	Ovary	2R:-:644343-644317	exon=> In CDS Exon 8 of transcript AGAP001157-PA
JHU_Ag_15786	NSFCSELAQQLVNCITGHDK	AGAP001157-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	60	1.39E-05	1	2321.075	4.28	Midgut	2R:-:650340-650281	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_18551	SNDADSVLLASSLLR	AGAP001157-PA	-	45	0.000442897	2	1560.820	-1.75	Male reproductive organs	2R:-:648426-648382	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_23795	NIMHALLDVLEIVR	AGAP001157-PA	M3(Oxidation)	37	0.000904597	1	1651.928	4.51	Ovary	2R:-:650537-650496	exon=> In CDS Exon 6 of transcript AGAP001157-PA
JHU_Ag_35610	YPEIPGNKPGSVGAASSSTSGGSGASAGDK	AGAP001157-PA	-	36	0.003136969	1	2693.264	-0.29	Head	2R:-:654346-654257	exon=> In CDS Exon 3 of transcript AGAP001157-PA
JHU_Ag_36260	ACCAVDPIESAEDR	AGAP001157-PA	C2(Carbamidomethyl), C3(Carbamidomethyl)	43	0.000231895	2	1592.669	0.84	Male reproductive organs	2R:-:642153-642112	exon=> In CDS Exon 8 of transcript AGAP001157-PA
JHU_Ag_41543	VAIEDASGESLER	AGAP001157-PA	-	49	0.000199066	2	1375.671	0.75	Male reproductive organs	2R:-:649236-649198	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_42262	AAIQLDNVTAILK	AGAP001157-PA	-	34	0.001213728	1	1369.809	3.1	Ovary	2R:-:648909-648871	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_48740	TLAVLVQILLLKPSQEK	AGAP001157-PA	-	40	2.30E-05	1	1893.189	5.37	Ovary	2R:-:651976-651926	exon=> In CDS Exon 4 of transcript AGAP001157-PA
JHU_Ag_52174	VAIEDASGESLER	AGAP001157-PA	-	47	0.000359647	2	1375.676	4.38	Malpighian tubule	2R:-:649236-649198	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_56336	ELLDLLTSFLR	AGAP001157-PA	-	75	9.60E-08	2	1319.764	5.56	Ovary	2R:-:640707-640675	exon=> In CDS Exon 8 of transcript AGAP001157-PA
JHU_Ag_58869	HEATQLAVAQDIIPIIHR	AGAP001157-PA	-	69	4.71E-07	1	2025.129	2.46	Head	2R:-:638982-638929	exon=> In CDS Exon 8 of transcript AGAP001157-PA
JHU_Ag_60642	TIILNENEILEHDAAHK	AGAP001157-PA	-	82	8.78E-08	2	1960.005	-4.38	Head	2R:-:655023-655125,654780-654841	exon=> In CDS Exon 2 and 1 of transcript AGAP001157-PA
JHU_Ag_62426	LIVQRTR	AGAP001157-PA	Q4(Deamidated)	43	0.000584896	1	886.538	-10.32	Malpighian tubule	2R:-:640362-640342	exon=> In CDS Exon 8 of transcript AGAP001157-PA

JHU_Ag_68970	LLLWR	AGAP001157-PA	-	32	0.001170709	1	700.461	14.55	Head	2R:-:638292-638278	exon=> In CDS Exon 8 of transcript AGAP001157-PA
JHU_Ag_76937	HEATQLAVAQDIIPIIHR	AGAP001157-PA	-	57	7.47E-06	1	2025.135	5.36	Ovary	2R:-:638982-638929	exon=> In CDS Exon 8 of transcript AGAP001157-PA
JHU_Ag_77657	NGKLLQSLVK	AGAP001157-PA	N1(Deamidated), Q6(Deamidated)	32	0.00442933	3	1101.650	-1.32	Pupa	2R:-:649197-649168	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_82946	IALVTADFVK	AGAP001157-PA	-	39	0.000622605	2	1076.635	-0.02	Male reproductive organs	2R:-:647613-647584	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_92438	LLLFLEYLMK	AGAP001157-PA	M9(Oxidation)	56	2.10E-05	1	1298.750	5.4	Ovary	2R:-:651652-651623	exon=> In CDS Exon 4 of transcript AGAP001157-PA
JHU_Ag_104731	SQEEVDNEQLYR	AGAP001157-PA	-	47	0.000235606	2	1509.688	4.07	Malpighian tubule	2R:-:639798-639763	exon=> In CDS Exon 8 of transcript AGAP001157-PA
JHU_Ag_104832	VTILQLSALLK	AGAP001157-PA	-	30	0.000232777	2	1198.776	-0.79	Visceras	2R:-:647895-647863	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_108635	VQQGFGVLNAAIAR	AGAP001157-PA	-	51	5.88E-05	2	1443.808	0.89	Male reproductive organs	2R:-:652849-652808	exon=> In CDS Exon 4 of transcript AGAP001157-PA
JHU_Ag_114284	LNSTGLYVTSTK	AGAP001157-PA	-	53	5.01E-05	2	1283.683	-1.28	Male reproductive organs	2R:-:646614-646579	exon=> In CDS Exon 7 of transcript AGAP001157-PA
JHU_Ag_6928	CMQGTEIVLPSDDSAEK	AGAP001174-PA	C1(Carbamidomethyl), M2(Oxidation),C1(Carbamidomethyl)	107	2.27E-10	2	1895.839	1.55	Head	2R:-:696441-696391	exon=> In CDS Exon 2 of transcript AGAP001174-PA
JHU_Ag_15308	DKVPEFTECSILTTGASAASLLVLKPNTATLPSTDYK	AGAP001174-PA	C9(Carbamidomethyl)	111	4.02E-11	1	3939.039	2.11	Head	2R:-:696384-696274	exon=> In CDS Exon 2 of transcript AGAP001174-PA
JHU_Ag_11584	ILPSTDGTFLALAGPK	AGAP001179-PA	-	71	4.66E-07	2	1600.899	3.05	Male reproductive organs	2R:-:769383-769336	exon=> In CDS Exon 2 of transcript AGAP001179-PA
JHU_Ag_13834	GDGNVYVLCAGIDTNRPK	AGAP001179-PA	C9(Carbamidomethyl)	51	0.00013871	1	1948.952	-1.6	Ovary	2R:-:739133-739080	exon=> In CDS Exon 5 of transcript AGAP001179-PA
JHU_Ag_27701	GVSIIELPR	AGAP001179-PA	-	47	7.49E-05	2	983.590	1.27	Male reproductive organs	2R:-:769335-769309	exon=> In CDS Exon 2 of transcript AGAP001179-PA
JHU_Ag_36328	APPTAGAGGTKVEWPIVILR	AGAP001179-PA	-	40	0.000147395	1	2033.153	-0.61	Ovary	2R:-:739193-739134	exon=> In CDS Exon 5 of transcript AGAP001179-PA
JHU_Ag_52444	ILPSTDGTFLALAGPK	AGAP001179-PA	-	69	6.70E-07	2	1600.905	6.26	Malpighian tubule	2R:-:769383-769336	exon=> In CDS Exon 2 of transcript AGAP001179-PA
JHU_Ag_52892	LAYLNSLGDTAVDFDIAPPR	AGAP001179-PA	-	73	6.73E-07	2	2148.100	1.23	Ovary	2R:-:739814-739755	exon=> In CDS Exon 4 of transcript AGAP001179-PA
JHU_Ag_75486	WHPASPTDSHLLALLSDNSIR	AGAP001179-PA	-	100	1.18E-09	1	2330.202	5.64	Ovary	2R:-:740279-740343,739614-739989	exon=> In CDS Exon 4 and 3 of transcript AGAP001179-PA
JHU_Ag_88164	VVSSATGGSGSVGADTTFSPTTTLSTTSSTVTATKPAIAPK	AGAP001179-PA	-	57	1.44E-05	1	3841.961	1.44	Ovary	2R:-:739754-739632	exon=> In CDS Exon 4 of transcript AGAP001179-PA
JHU_Ag_88762	EGTLMNDSVIAQK	AGAP001179-PA	M5(Oxidation)	47	0.000286072	2	1421.697	1.8	Malpighian tubule	2R:-:739631-739989,737950-739203	exon=> In CDS Exon 5 and 4 of transcript AGAP001179-PA
JHU_Ag_91482	LAETYEDLCDKQNSLFK	AGAP001179-PA	C9(Carbamidomethyl)	40	0.001561403	1	2073.980	-0.11	Ovary	2R:-:738002-737952	exon=> In CDS Exon 5 of transcript AGAP001179-PA
JHU_Ag_92460	LDQTTEPTPQEAFELLTQATR	AGAP001179-PA	-	87	3.06E-08	2	2389.188	-0.09	Ovary	2R:-:738218-738156	exon=> In CDS Exon 5 of transcript AGAP001179-PA
JHU_Ag_115290	QQQLNDIEELQAEK	AGAP001179-PA	-	43	0.00075461	2	1685.836	0.8	Ovary	2R:-:738071-738030	exon=> In CDS Exon 5 of transcript AGAP001179-PA
JHU_Ag_11570	STGSQVDTFAVQGCTAGSK	AGAP001182-PA	C14(Carbamidomethyl)	93	6.10E-09	1	1900.872	0.73	Visceras	2R:-:796028-796216,795735-795891	exon=> In CDS Exon 3 and 2 of transcript AGAP001182-PA
JHU_Ag_20830	STGSQVDTFAVQGCTAGSK	AGAP001182-PA	C14(Carbamidomethyl)	121	1.08E-11	1	1900.874	1.88	Malpighian tubule	2R:-:796028-796216,795735-795891	exon=> In CDS Exon 3 and 2 of transcript AGAP001182-PA

JHU_Ag_40276	STGSQVDTFAVQGCTAGSK	AGAP001182-PA	C14(Carbamidomethyl)	97	2.67E-09	2	1900.873	1.05	Pupa	2R:-:796028-796216,795735-795891	exon=> In CDS Exon 3 and 2 of transcript AGAP001182-PA
JHU_Ag_76801	STGSQVDTFAVQGCTAGSK	AGAP001182-PA	C14(Carbamidomethyl),"Q12(Deamidated), C14(Carbamidomethyl)","Q5(Deamidated), C14(Carbamidomethyl)"	127	2.25E-12	1	1900.866	-2.55	Midgut	2R:-:796028-796216,795735-795891	exon=> In CDS Exon 3 and 2 of transcript AGAP001182-PA
JHU_Ag_12395	KGEAEADYLVGNR	AGAP001185-PA	-	91	1.21E-08	2	1421.690	-8.19	Head	2R:-:823266-823228	exon=> In CDS Exon 1 of transcript AGAP001185-PA
JHU_Ag_16059	KLAAGESIK	AGAP001189-PA,AGAP001189-PB	-	30	0.005213122	1	916.557	11.58	Ovary	2R:-:1169166-1169140;2R:-:1169166-1169140	exon=> In CDS Exon 2 of transcript AGAP001189-PA;exon=> In CDS Exon 2 of transcript AGAP001189-PB
JHU_Ag_98065	LHCIESSGITESSAK	AGAP001189-PA,AGAP001189-PB	C3(Carbamidomethyl)	84	5.33E-08	1	1618.765	-5.63	Head	2R:-:1169211-1169167;2R:-:1169211-1169167	exon=> In CDS Exon 2 of transcript AGAP001189-PA;exon=> In CDS Exon 2 of transcript AGAP001189-PB
JHU_Ag_100134	MTETEFCALLTAEVEADGKVDVCK	AGAP001193-PA	C7(Carbamidomethyl), C23(Carbamidomethyl)	48	0.000206667	1	2716.256	1.79	Midgut	2R:+:1214907-1214978	exon=> In CDS Exon 2 of transcript AGAP001193-PA
JHU_Ag_111130	GSGSGSGGQVFMK	AGAP001193-PA	M12(Oxidation)	60	6.86E-06	2	1214.547	-0.24	Midgut	2R:+:1214853-1214891	exon=> In CDS Exon 2 of transcript AGAP001193-PA
JHU_Ag_203	EESRPASVASGPADK	AGAP001194-PA	-	77	3.07E-07	1	1500.732	1.93	Head	2R:+:1226388-1226432	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_2365	EESRPASSASGPADKAPSEK	AGAP001194-PA	-	120	1.55E-11	1	2000.941	-5.52	Head	2R:+:1224735-1224794	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_4206	VVQVEVAKPK	AGAP001194-PA	-	31	0.001360672	1	1096.674	0.89	Head	2R:+:1223178-1223207	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_5168	SMVNIPQDIDEDK	AGAP001194-PA	M2(Oxidation)	47	0.00020901	2	1519.693	-0.91	Head	2R:+:1222473-1222511	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_5494	YHIDLSPSAAR	AGAP001194-PA	-	63	6.00E-06	1	1229.625	-2.27	Head	2R:+:1232034-1232066	exon=> In CDS Exon 7 of transcript AGAP001194-PA
JHU_Ag_5725	DTLLDKPPK	AGAP001194-PA	-	36	0.001699776	2	1026.584	1.2	Head	2R:+:1221246-1221272	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_5762	EEVDAAKPELDAK	AGAP001194-PA	-	70	1.46E-06	1	1414.710	2.68	Head	2R:+:1219035-1219073	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_5865	EESRPASAASGPADKAPSEK	AGAP001194-PA	-	124	7.15E-12	1	1984.956	-0.44	Head	2R:+:1224126-1224185	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_6174	KPISRRPK	AGAP001194-PA	-	26	0.003242724	1	981.620	-11.71	Male reproductive organs	2R:+:1219578-1219601	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_6705	NLESVAAAHQESEQQAYDR	AGAP001194-PA	Q10(Deamidated)	140	1.27E-13	1	2145.985	2.28	Head	2R:+:1222308-1222364	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_8244	ESLADHQTYDQIDDTRR	AGAP001194-PA	Q7(Deamidated)	113	6.20E-11	1	2062.943	0.01	Head	2R:+:1223250-1223300	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_8337	KLDNK	AGAP001194-PA	N4(Deamidated)	39	0.002442084	1	618.344	-2.44	Head	2R:+:1218873-1218887	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_8861	DLESQIIPVDDKLESAVK	AGAP001194-PA	-	62	5.71E-06	1	1999.059	-0.48	Head	2R:+:1221342-1221395	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_9670	DHDQVFVETDGK	AGAP001194-PA	-	94	4.06E-09	2	1389.627	-0.66	Head	2R:+:1223472-1223507	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_10498	EESRPASAASEPADK	AGAP001194-PA	-	90	1.40E-08	1	1544.720	0.72	Head	2R:+:1224039-1224083	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_11626	SITANLSTPVLVTK	AGAP001194-PA	-	77	7.14E-08	2	1443.842	0.47	Head	2R:+:1218561-1218602	exon=> In CDS Exon 5 of transcript AGAP001194-PA

JHU_Ag_13875	VVVVETAAEEDAAESEKPDDDQPHQEEEEDVEASAPAEERPDDK	AGAP001194-PA	-	106	9.32E-11	1	4834.094	-3.27	Head	2R:+:1220199-1220330	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_14077	YYVFSGTEPSR	AGAP001194-PA	-	61	1.12E-05	2	1305.612	0.65	Visceras	2R:+:1231791-1231823	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_15077	AHSISSHISDLK	AGAP001194-PA	-	93	6.69E-09	1	1294.670	-3.53	Head	2R:+:1223382-1223417	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_16629	CTINLQDHETSCSAYR	AGAP001194-PA	C1(Carbamidomethyl), C12(Carbamidomethyl)	67	1.28E-06	1	1954.844	2.96	Head	2R:+:1232067-1232114	exon=> In CDS Exon 7 of transcript AGAP001194-PA
JHU_Ag_17258	ASAPTQLTLAGTEER	AGAP001194-PA	-	102	1.10E-09	1	1544.794	1.26	Head	2R:+:1230600-1230644	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_18114	VGPTLGSKPGK	AGAP001194-PA	-	52	3.31E-05	1	1040.611	0.8	Head	2R:+:1219392-1219424	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_18463	SINLGHSSSGIETSDSSPKPTSPFPK	AGAP001194-PA	-	127	3.46E-12	1	2657.306	0.15	Head	2R:+:1230102-1230179	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_19029	VSATVESGATTTAPTLPEDER	AGAP001194-PA	-	97	3.20E-09	1	2132.036	0.34	Head	2R:+:1220595-1220657	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_19303	SSTPDMVDSQIER	AGAP001194-PA	-	35	0.003059392	2	1464.664	0.2	Head	2R:+:1230255-1230293	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_19719	ADDKEESRPASAVSGPADK	AGAP001194-PA	-	118	2.20E-11	1	1929.912	-1.52	Head	2R:+:1228377-1228433	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_22415	SVSPQQDKDSLDESSTSFNTFIEK	AGAP001194-PA	-	68	2.22E-06	1	2689.258	3.69	Head	2R:+:1229610-1229681	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_23338	HLIDDK	AGAP001194-PA	-	35	0.001816148	1	740.391	-3.82	Head	2R:+:1221630-1221647	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_25469	EESRPASAVSGPADK	AGAP001194-PA	-	68	2.11E-06	1	1500.733	2.66	Head	2R:+:1228389-1228433	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_26225	DYTKDESSFVDER	AGAP001194-PA	-	77	1.66E-07	1	1590.694	1.34	Head	2R:+:1223331-1223369	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_26690	RPIGVAIPDVAPGDTETLEAIKK	AGAP001194-PA	-	59	3.13E-06	1	2390.330	0.38	Head	2R:+:1219785-1219853	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_26793	QQQLAELKEEQEAVR	AGAP001194-PA	-	64	5.78E-06	1	1798.934	2.69	Head	2R:+:1219854-1219898	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_29421	EESRPASAASGLADKAPSEK	AGAP001194-PA	-	59	2.11E-05	1	2000.989	0.18	Visceras	2R:+:1226997-1227056	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_31635	IVAGWHDEDVPGSPMSVTSQAPLSPSTK	AGAP001194-PA	M15(Oxidation)	54	5.94E-05	1	2909.403	1.49	Head	2R:+:1230720-1230803	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_32958	HEADEDETNK	AGAP001194-PA	-	56	5.31E-06	2	1187.483	1.73	Head	2R:+:1221462-1221491	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_34303	TPDEVADLPVHEEADLEEDYGEDK	AGAP001194-PA	-	163	4.04E-16	1	2715.191	4.36	Head	2R:+:1220925-1220996	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_34506	EVYNALLEAK	AGAP001194-PA	-	48	0.000198416	1	1149.611	-3.67	Head	2R:+:1231824-1231853	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_36083	NMGSFVIEDIK	AGAP001194-PA	M2(Oxidation)	89	1.65E-08	1	1268.620	0.87	Head	2R:+:1222539-1222571	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_36384	IDPTFVPHQSER	AGAP001194-PA	-	57	3.07E-05	1	1425.713	0.63	Head	2R:+:1229205-1229240	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_36892	SGKPITTAEK	AGAP001194-PA	-	49	0.000180604	1	1031.570	-3.35	Head	2R:+:1218843-1218872	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_37077	DDASGISTPK	AGAP001194-PA	-	72	8.91E-07	2	990.475	1.03	Head	2R:+:1229994-1230023	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_37487	SCFWDFVR	AGAP001194-PA	C2(Carbamidomethyl)	46	0.000176531	2	1116.494	1.13	Head	2R:+:1217925-1217948	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_38573	EESRPASAASGPADKAPSEK	AGAP001194-PA	-	119	2.17E-11	1	1984.957	0.02	Visceras	2R:+:1224126-1224185	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_39428	SGTTDSSLVSTPSADEGGVPVPK	AGAP001194-PA	-	79	1.64E-07	1	2188.061	-0.38	Head	2R:+:1219716-1219784	exon=> In CDS Exon 5 of transcript AGAP001194-PA

JHU_Ag_42113	SVESDKPCDTSK	AGAP001194-PA	C8(Carbamidomethyl)	83	4.58E-08	1	1352.602	1.36	Head	2R:+:1221168-1221203	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_42619	SATPEPIQGSGTTTPEIK	AGAP001194-PA	-	62	8.55E-06	2	1813.922	2.3	Viscera	2R:+:1222938-1222991	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_43333	EESRPASSASGPADK	AGAP001194-PA	-	91	1.08E-08	1	1488.698	3.43	Head	2R:+:1224735-1224779	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_44820	EEQYTEDSINEPESSATK	AGAP001194-PA	-	117	1.08E-11	1	2056.885	0.88	Head	2R:+:1220043-1220096	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_45664	TQQQQHISIR	AGAP001194-PA	-	57	2.21E-05	1	1238.654	-4.6	Head	2R:+:1229700-1229729	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_47731	RPIGVAIPDVAPGDTETLEAIK	AGAP001194-PA	-	31	0.004359069	1	2262.232	-1.03	Malpighian tubule	2R:+:1219785-1219850	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_52677	TAASTTVASAR	AGAP001194-PA	-	59	1.59E-05	2	1035.541	-1.83	Head	2R:+:1218783-1218815	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_52715	VQQQHQVKPDSK	AGAP001194-PA	-	55	3.61E-05	2	1421.755	3.49	Head	2R:+:1221396-1221431	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_52723	AHSISSHISDLKEDPTDLK	AGAP001194-PA	-	54	6.17E-05	1	2093.052	0.4	Head	2R:+:1223382-1223438	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_54251	DDTSPAGADTGGMATKPTR	AGAP001194-PA	M13(Oxidation)	31	0.008825186	1	1864.841	3.87	Head	2R:+:1219086-1219142	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_54322	VSATVESGATTTAPTLPEDERIPLDEIK	AGAP001194-PA	-	140	1.04E-13	1	2940.510	1.63	Head	2R:+:1220595-1220678	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_59303	IIAEPLHPSKPK	AGAP001194-PA	-	26	0.007368205	1	1329.793	3.38	Head	2R:+:1218633-1218668	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_60393	SDSQTTVTTTTTTTK	AGAP001194-PA	-	75	4.81E-07	1	1572.762	1.08	Head	2R:+:1230324-1230368	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_60821	DESSFVDER	AGAP001194-PA	-	45	0.000221483	2	1083.461	2.21	Head	2R:+:1223343-1223369	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_60853	AQNCYR	AGAP001194-PA	Q2(Deamidated), C4(Carbamidomethyl)	26	0.004679201	1	812.338	2.75	Malpighian tubule	2R:+:1218198-1218215	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_61013	LIDDELTATTSK	AGAP001194-PA	-	85	5.49E-08	2	1306.678	3.21	Head	2R:+:1221897-1221932	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_61630	KEEVDAAKPELDAK	AGAP001194-PA	-	115	4.24E-11	1	1542.799	-1.66	Head	2R:+:1219032-1219073	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_63241	LDPVIGMMPPR	AGAP001194-PA	M7(Oxidation), M8(Oxidation)	52	7.40E-05	2	1257.632	-0.66	Head	2R:+:1222662-1222694	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_63382	DLESQIIPVDDK	AGAP001194-PA	-	84	4.27E-08	2	1371.701	0.69	Head	2R:+:1221342-1221377	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_64280	YSAFDDANLR	AGAP001194-PA	-	37	0.001326849	2	1171.539	0.64	Viscera	2R:+:1222572-1222601	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_64631	EESRPASAVSGPADKAPSEK	AGAP001194-PA	-	69	2.11E-06	1	2012.986	-1.01	Head	2R:+:1228389-1228448	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_65659	LNPVDVLDSGSER	AGAP001194-PA	-	79	1.71E-07	1	1400.706	2.81	Viscera	2R:+:1217545-1217583	exon=> In CDS Exon 3 of transcript AGAP001194-PA
JHU_Ag_65828	EVEQMVVQTAQEVVK	AGAP001194-PA	M5(Oxidation)	108	2.53E-10	1	1716.887	1.9	Head	2R:+:1221798-1221842	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_65982	TSDTRDEEQELPIGHPK	AGAP001194-PA	-	57	2.94E-05	1	1951.936	0.24	Head	2R:+:1220499-1220549	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_67670	QELEEEVQDIIASAK	AGAP001194-PA	-	109	2.26E-10	2	1701.858	2.41	Head	2R:+:1220355-1220399	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_67842	EEDVGTVQR	AGAP001194-PA	-	41	0.001054897	2	1032.493	-2.27	Head	2R:+:1222833-1222859	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_68607	IEVDSNVHSDTVSK	AGAP001194-PA	-	105	4.79E-10	1	1529.749	2.91	Head	2R:+:1230402-1230443	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_70881	TVYEPLERPIPAK	AGAP001194-PA	-	43	0.000314225	1	1512.844	1.27	Head	2R:+:1220841-1220879	exon=> In CDS Exon 5 of transcript AGAP001194-PA

JHU_Ag_71518	TEEISSFSPDEK	AGAP001194-PA	-	73	5.85E-07	2	1368.617	0.65	Head	2R:+:1220445-1220480	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_72440	DKTEEVEVK	AGAP001194-PA	-	46	0.000527453	2	1076.548	0.45	Head	2R:+:1222236-1222262	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_73709	IVANVAEVLK	AGAP001194-PA	-	31	0.002749339	2	1055.647	0.87	Visceras	2R:+:1222722-1222751	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_74293	VDSVVQEVSQAATK	AGAP001194-PA	-	96	3.83E-09	2	1460.762	2.1	Head	2R:+:1221945-1221986	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_74725	ETHITTLDSPVSDGDK	AGAP001194-PA	-	96	3.68E-09	1	1714.814	0.76	Head	2R:+:1222407-1222454	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_75110	LPAEATDQDK	AGAP001194-PA	-	38	0.001521673	2	1087.525	-1.45	Head	2R:+:1221432-1221461	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_76528	DLKQDVISQLDSTK	AGAP001194-PA	-	83	7.05E-08	1	1589.836	-1.06	Head	2R:+:1222047-1222088	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_77136	DDIHKPDATSTFPK	AGAP001194-PA	-	88	2.14E-08	1	1571.762	-5.18	Head	2R:+:1229301-1229342	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_77452	LASDGMDSSADEIK	AGAP001194-PA	M6(Oxidation)	115	2.31E-11	1	1454.633	0.86	Head	2R:+:1218720-1218761	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_78371	EESRPASAASGLADK	AGAP001194-PA	-	103	6.27E-10	1	1488.731	1.7	Head	2R:+:1226997-1227041	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_78714	QQQLAELK	AGAP001194-PA	-	44	0.000581169	2	957.535	-1.96	Head	2R:+:1219854-1219877	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_83032	ADPMSTSFYGQLPEVPSMTMASSTTR	AGAP001194-PA	M4(Oxidation), M18(Oxidation), M20(Oxidation)	51	4.68E-05	1	2840.246	1.23	Head	2R:+:1230957-1231034	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_83461	YLDEADLDFEK	AGAP001194-PA	-	88	1.27E-08	1	1357.620	2.9	Head	2R:+:1231158-1231190	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_84079	IEVDSSQHADQMSQSIVSIK	AGAP001194-PA	M12(Oxidation)	54	6.96E-05	3	2218.072	3.03	Head	2R:+:1230540-1230599	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_86304	VDETLVNIAAETSELEK	AGAP001194-PA	-	139	1.71E-13	1	1860.949	2.89	Head	2R:+:1221987-1222037	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_86729	EESRPASVASGPADKAPSEK	AGAP001194-PA	-	80	1.43E-07	1	2012.984	-2.19	Head	2R:+:1226388-1226447	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_87327	EESRPASAASGPADKAPSEK	AGAP001194-PA	-	78	2.53E-07	1	1984.957	-0.07	Male reproductive organs	2R:+:1224126-1224185	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_87488	RPIGVAIPDVAPGDTETLEAIK	AGAP001194-PA	-	103	2.42E-10	1	2262.241	3.01	Head	2R:+:1219785-1219850	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_89454	DSLDESSTSFNTFIEK	AGAP001194-PA	-	125	3.62E-12	1	1819.828	2.48	Head	2R:+:1229634-1229681	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_89702	HELPEK	AGAP001194-PA	-	32	0.005445546	1	752.391	-3.76	Head	2R:+:1223160-1223177	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_90977	MTSTVISSTVSK	AGAP001194-PA	-	87	2.47E-08	2	1240.645	-0.25	Head	2R:+:1229448-1229483	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_91154	EESRPASAASEPADKAPSEK	AGAP001194-PA	-	114	5.45E-11	1	2056.971	-3.76	Head	2R:+:1224039-1224098	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_93252	HEADEDETNKVPVEEELIVAQK	AGAP001194-PA	-	195	4.30E-19	1	2522.222	-1.52	Head	2R:+:1221462-1221527	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_93424	SITANLSTPVLVTKK	AGAP001194-PA	-	55	2.69E-06	2	1571.937	0.12	Head	2R:+:1218561-1218605	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_94728	EESRPASAASGPADK	AGAP001194-PA	-	104	5.20E-10	1	1472.691	-4.55	Head	2R:+:1223952-1223996	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_95004	EESRPASVASGLVDK	AGAP001194-PA	-	45	0.000495252	1	1544.792	0.15	Head	2R:+:1227606-1227650	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_95252	EESRPASAASGPADKAPSDK	AGAP001194-PA	-	80	1.20E-07	1	1970.926	-7.68	Head	2R:+:1223952-1224011	exon=> In CDS Exon 6 of transcript AGAP001194-PA

JHU_Ag_95657	KEESTTEGK	AGAP001194-PA	-	46	0.000324158	2	1008.487	2.89	Head	2R:+:1229484-1229510	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_95796	ESEKDHDQVFVETDGK	AGAP001194-PA	-	54	4.69E-05	1	1862.846	2.96	Head	2R:+:1223460-1223507	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_96760	AEQGEDVKK	AGAP001194-PA	-	35	0.006303145	2	1003.505	-0.1	Head	2R:+:1219338-1219364	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_96772	DLEEIIPGFDPQELER	AGAP001194-PA	-	66	3.68E-06	1	1899.935	0.88	Head	2R:+:1222761-1222808	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_97539	NLLSSFTR	AGAP001194-PA	-	40	0.001135315	2	937.510	-0.4	Head	2R:+:1216874-1216897	exon=> In CDS Exon 2 of transcript AGAP001194-PA
JHU_Ag_98236	YYVFSGTEPSR	AGAP001194-PA	-	69	1.50E-06	1	1305.609	-1.32	Head	2R:+:1231791-1231823	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_100984	FGGPYER	AGAP001194-PA	-	43	0.000469665	1	825.389	-0.35	Head	2R:+:1222365-1222385	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_101576	YTYDYDLQHSSSGVSK	AGAP001194-PA	-	133	5.05E-13	1	1849.829	2.69	Head	2R:+:1230804-1230851	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_102694	KPTEVEEVFEK	AGAP001194-PA	-	65	7.14E-06	1	1334.680	-3.15	Head	2R:+:1221204-1221236	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_103506	SEAHVYPQIGHFFGNIPER	AGAP001194-PA	-	127	2.87E-12	1	2198.083	2.34	Head	2R:+:1218033-1218089	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_105583	TPPTAPISPNVAAK	AGAP001194-PA	-	42	0.000404495	2	1363.762	2.9	Head	2R:+:1229820-1229861	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_106029	ESAISTFSER	AGAP001194-PA	-	46	0.000285925	2	1126.537	-0.34	Head	2R:+:1223301-1223330	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_106368	SDIEIDQDSQDDVVPPQYGSEEAK	AGAP001194-PA	-	60	9.76E-06	2	2664.186	2.33	Head	2R:+:1230855-1230926	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_108134	TGISSFFGSITEGIK	AGAP001194-PA	-	72	9.10E-07	1	1543.802	1.36	Head	2R:+:1222146-1222190	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_108358	SLDEAIDAPEKK	AGAP001194-PA	-	58	2.47E-05	1	1315.678	2.83	Head	2R:+:1218999-1219034	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_108535	TETQQPDASAVPSGGVSSTTTTTYIVK	AGAP001194-PA	-	68	2.29E-06	1	2726.341	1.41	Head	2R:+:1230444-1230524	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_110053	SDKDLEEIIPGFDPQELER	AGAP001194-PA	-	39	0.002220816	1	2230.090	1.28	Head	2R:+:1222752-1222808	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_110221	HKQELEEEVQDIIASAK	AGAP001194-PA	-	76	3.33E-07	1	1967.011	1.3	Head	2R:+:1220349-1220399	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_110844	SFAEDYDEK	AGAP001194-PA	-	35	0.000659219	1	1103.452	-0.44	Head	2R:+:1230645-1230671	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_111217	EESRPASAASGPADK	AGAP001194-PA	-	71	1.09E-06	1	1472.700	1.75	Malpighian tubule	2R:+:1223952-1223996	exon=> In CDS Exon 6 of transcript AGAP001194-PA
JHU_Ag_111356	EVQDSATEPEEEEEYLIIEK	AGAP001194-PA	-	50	0.000118716	1	2380.099	2.79	Head	2R:+:1219983-1220042	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_111489	SATPEPIQGSGTTTPEIK	AGAP001194-PA	-	121	1.01E-11	1	1813.921	1.76	Head	2R:+:1222938-1222991	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_113359	VGHGTLDMYVISPAR	AGAP001194-PA	M8(Oxidation)	114	6.93E-11	1	1631.823	0.98	Head	2R:+:1218246-1218290	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_113409	DEEQELPIGHPK	AGAP001194-PA	-	50	0.000170338	1	1391.685	3.61	Head	2R:+:1220514-1220549	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_114559	VQEENEDEEDDAESHMPTK	AGAP001194-PA	M16(Oxidation)	92	1.31E-09	1	2247.892	3.9	Head	2R:+:1222992-1223048	exon=> In CDS Exon 5 of transcript AGAP001194-PA
JHU_Ag_116167	LNPVDVLDSGSER	AGAP001194-PA	-	107	2.65E-10	1	1400.703	0.72	Head	2R:+:1217545-1217583	exon=> In CDS Exon 3 of transcript AGAP001194-PA
JHU_Ag_3700	LFLIIFQR	AGAP001195-PA	-	46	2.43E-05	2	1049.652	1.42	Midgut	2R:-:1238596-1238573	exon=> In CDS Exon 6 of transcript AGAP001195-PA
JHU_Ag_42426	DASDTDMAEAPFNPLK	AGAP001195-PA	M7(Oxidation)	34	0.003605853	2	1737.762	-0.91	Midgut	2R:-:1239319-1239272	exon=> In CDS Exon 4 of transcript AGAP001195-PA

JHU_Ag_47793	FIQEVLLK	AGAP001195-PA	-	54	1.25E-05	2	989.604	0.71	Salivary gland	2R:-:1256042-1256019	exon=> In CDS Exon 2 of transcript AGAP001195-PA
JHU_Ag_59783	IDVFVQTLLNLGSK	AGAP001195-PA	-	86	7.80E-09	1	1546.893	5.66	Ovary	2R:-:1239271-1239230	exon=> In CDS Exon 4 of transcript AGAP001195-PA
JHU_Ag_60562	WSWDDWDSCLLLENEHPRPK	AGAP001195-PA	C9(Carbamidomethyl)	66	2.88E-06	1	2583.184	4.54	Ovary	2R:-:1256102-1256043	exon=> In CDS Exon 2 of transcript AGAP001195-PA
JHU_Ag_62711	LFLIIFQR	AGAP001195-PA	-	45	4.14E-05	2	1049.650	-0.79	Salivary gland	2R:-:1238596-1238573	exon=> In CDS Exon 6 of transcript AGAP001195-PA
JHU_Ag_68039	FIQEVLLK	AGAP001195-PA	-	38	0.000281678	2	989.607	3.98	Malpighian tubule	2R:-:1256042-1256019	exon=> In CDS Exon 2 of transcript AGAP001195-PA
JHU_Ag_80875	AYEDDGDFYGER	AGAP001195-PA	-	47	2.31E-05	1	1436.561	0.66	Head	2R:-:1257491-1257506,1256011-1257342	exon=> In CDS Exon 2 and 1 of transcript AGAP001195-PA
JHU_Ag_94084	ESALENLLVR	AGAP001195-PA	-	70	1.29E-06	2	1143.637	0.23	Salivary gland	2R:-:1256819-1256790	exon=> In CDS Exon 2 of transcript AGAP001195-PA
JHU_Ag_94342	SFSHSFAAISK	AGAP001195-PA	-	51	0.000107595	2	1181.596	0.85	Head	2R:-:1239229-1239197	exon=> In CDS Exon 4 of transcript AGAP001195-PA
JHU_Ag_70217	ELNEKQQQK	AGAP001196-PA	N3(Deamidated)	34	0.004865246	1	1145.567	-11.06	Pupa	2R:+:1258557-1258583	exon=> In CDS Exon 2 of transcript AGAP001196-PA
JHU_Ag_87367	YPENGDEVFIR	AGAP001197-PA	N4(Deamidated)	75	5.00E-07	1	1338.633	0.08	Midgut	2R:+:1272647-1272679	exon=> In CDS Exon 1 of transcript AGAP001197-PA
JHU_Ag_7372	LPIVYSSVMYFHDWIQDAIK	AGAP001198-PA	M9(Oxidation)	115	4.63E-11	1	2425.228	0.86	Midgut	2R:+:1276339-1276398	exon=> In CDS Exon 3 of transcript AGAP001198-PA
JHU_Ag_16873	LATKDTLIHQK	AGAP001198-PA	-	73	1.71E-07	1	1267.736	-0.62	Midgut	2R:+:1275978-1276010	exon=> In CDS Exon 2 of transcript AGAP001198-PA
JHU_Ag_25536	TWEDIYPDKLMK	AGAP001198-PA	M11(Oxidation)	82	9.20E-08	1	1538.756	-0.15	Midgut	2R:+:1276047-1276079,1276141-1276143	exon=> In CDS Exon 2 and 3 of transcript AGAP001198-PA
JHU_Ag_27901	IAKFAGWGSISK	AGAP001198-PA	-	32	0.003877571	1	1264.704	-1.08	Midgut	2R:+:1276011-1276046	exon=> In CDS Exon 2 of transcript AGAP001198-PA
JHU_Ag_32698	LPIVYSSVMYFHDWIQDAIKED	AGAP001198-PA	M9(Oxidation)	100	1.30E-09	1	2685.287	-1.52	Midgut	2R:+:1276339-1276404	exon=> In CDS Exon 3 of transcript AGAP001198-PA
JHU_Ag_36161	VNLILR	AGAP001198-PA	-	48	3.01E-05	2	727.483	0.35	Malpighian tubule	2R:+:1276144-1276161	exon=> In CDS Exon 3 of transcript AGAP001198-PA
JHU_Ag_47442	HFCSGSIINQR	AGAP001198-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), N9(Deamidated)"	55	5.02E-05	1	1318.634	1.26	Midgut	2R:+:1275653-1275685	exon=> In CDS Exon 1 of transcript AGAP001198-PA
JHU_Ag_58906	WILTAAHCLEEYTKDGWFEVVAGVNNIAHEEAGAQR	AGAP001198-PA	C8(Carbamidomethyl), N26(Deamidated),"C8(Carbamidomethyl), N25(Deamidated)"	56	2.54E-05	4	4085.911	-8.37	Midgut	2R:+:1275686-1275793	exon=> In CDS Exon 1 of transcript AGAP001198-PA
JHU_Ag_62476	ARHFCSGSIINQR	AGAP001198-PA	C5(Carbamidomethyl)	66	4.35E-06	1	1545.770	-0.27	Midgut	2R:+:1275647-1275685	exon=> In CDS Exon 1 of transcript AGAP001198-PA
JHU_Ag_64448	VNLILR	AGAP001198-PA	N2(Deamidated)	51	1.46E-05	2	727.482	-0.16	Midgut	2R:+:1276144-1276161	exon=> In CDS Exon 3 of transcript AGAP001198-PA
JHU_Ag_72999	TWEDIYPDK	AGAP001198-PA	-	55	3.26E-05	2	1166.536	-0.46	Midgut	2R:+:1276047-1276073	exon=> In CDS Exon 2 of transcript AGAP001198-PA
JHU_Ag_80262	FAGWGSISK	AGAP001198-PA	-	55	3.42E-05	1	952.489	-0.11	Midgut	2R:+:1276020-1276046	exon=> In CDS Exon 2 of transcript AGAP001198-PA
JHU_Ag_83316	TEEDCQTIGK	AGAP001198-PA	C5(Carbamidomethyl)	50	8.55E-05	2	1180.520	4.52	Midgut	2R:+:1276162-1276191	exon=> In CDS Exon 3 of transcript AGAP001198-PA
JHU_Ag_91760	WILTAAHCLEEYTK	AGAP001198-PA	C8(Carbamidomethyl)	100	1.84E-09	1	1734.853	0.61	Midgut	2R:+:1275686-1275727	exon=> In CDS Exon 1 of transcript AGAP001198-PA
JHU_Ag_95463	YEQHESYDLSAIRYDIGVLQLSHPLDLTR	AGAP001198-PA	-	33	0.0052255	1	3431.728	1.28	Midgut	2R:+:1275809-1275862,1275927-1275959	exon=> In CDS Exon 1 and 2 of transcript AGAP001198-PA

JHU_Ag_96039	DGWFEVVAGVNNIAHEEAGAQR	AGAP001198-PA	-	130	1.66E-12	1	2369.126	-0.35	Midgut	2R:+:1275728-1275793	exon=> In CDS Exon 1 of transcript AGAP001198-PA
JHU_Ag_96263	DTLIHQK	AGAP001198-PA	-	42	0.000429839	1	854.474	0.78	Midgut	2R:+:1275990-1276010	exon=> In CDS Exon 2 of transcript AGAP001198-PA
JHU_Ag_104640	IDETQICAGGYK	AGAP001198-PA	C7(Carbamidomethyl)	111	9.96E-11	2	1354.627	-2.53	Midgut	2R:+:1276192-1276227	exon=> In CDS Exon 3 of transcript AGAP001198-PA
JHU_Ag_112646	YDIGVLQLSHPLDLTR	AGAP001198-PA	-	141	6.25E-14	1	1839.997	0.13	Midgut	2R:+:1275848-1275862,1275927-1275959	exon=> In CDS Exon 1 and 2 of transcript AGAP001198-PA
JHU_Ag_113101	YEQHESYDLSAIR	AGAP001198-PA	-	91	1.12E-08	1	1610.742	-1.44	Midgut	2R:+:1275809-1275847	exon=> In CDS Exon 1 of transcript AGAP001198-PA
JHU_Ag_2053	NPGVFVR	AGAP001199-PA	-	57	3.56E-05	2	788.441	-0.77	Midgut	2R:+:1279847-1279867	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_12690	TTLPIMDLEVCR	AGAP001199-PA	C11(Carbamidomethyl),"M6(Oxidation),C11(Carbamidomethyl)"	87	3.11E-08	1	1463.729	3.9	Malpighian tubule	2R:+:1279640-1279675	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_19646	VDKPFHLNR	AGAP001199-PA	-	62	5.41E-06	1	1125.616	-0.34	Midgut	2R:+:1279403-1279429	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_28461	IVGGEEAIAHEFPYQISLQWNYNNDEQDPFHFCGGSLIAEK	AGAP001199-PA	C33(Carbamidomethyl)	62	4.18E-06	1	4723.181	-0.49	Midgut	2R:+:1279094-1279216	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_40552	VDKPFHLNR	AGAP001199-PA	-	47	0.000161155	1	1125.618	1.07	Malpighian tubule	2R:+:1279403-1279429	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_53419	VSYFIDWINDKINN	AGAP001199-PA	-	86	4.64E-08	2	1740.872	7.41	Malpighian tubule	2R:+:1279868-1279909	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_54042	FVLTAGHCVPSAISPDGFPEAVAGEHDFSQYDAGVQR	AGAP001199-PA	C8(Carbamidomethyl)	158	1.59E-15	1	3931.839	1.05	Midgut	2R:+:1279217-1279327	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_57792	TTLPIMDLEVCR	AGAP001199-PA	C11(Carbamidomethyl),"M6(Oxidation),C11(Carbamidomethyl)"	82	9.98E-08	1	1463.723	-0.52	Midgut	2R:+:1279640-1279675	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_69028	VSYFIDWINDK	AGAP001199-PA	-	87	2.39E-08	2	1399.696	5.03	Malpighian tubule	2R:+:1279868-1279900	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_69558	VSYFIDWINDKINN	AGAP001199-PA	N13(Deamidated),"N9(Deamidated),N14(Deamidated)",N9(Deamidated),"N9(Deamidated),N13(Deamidated)",N14(Deamidated)	103	6.66E-10	1	1741.844	0.32	Midgut	2R:+:1279868-1279909	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_79072	IAEMYVHEDYEGSVGPNDIAIFRVDKPFHLNR	AGAP001199-PA	M4(Oxidation)	137	1.67E-13	1	3747.839	4.32	Malpighian tubule	2R:+:1279334-1279429	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_95936	FVLTAGHCVPSAISPDGFPEAVAGEHDFSQYDAGVQR	AGAP001199-PA	C8(Carbamidomethyl)	62	6.58E-06	1	3931.849	3.54	Malpighian tubule	2R:+:1279217-1279327	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_96891	RIAEMYVHEDYEGSVGPNDIAIFR	AGAP001199-PA	M5(Oxidation)	141	1.07E-13	1	2781.329	-0.43	Midgut	2R:+:1279331-1279402	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_97909	VSYFIDWINDK	AGAP001199-PA	N9(Deamidated)	87	2.65E-08	2	1399.689	-0.11	Midgut	2R:+:1279868-1279900	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_98216	FVLTAGHCVPSAISPDGFPEAVAGEHDFSQYDAGVQRR	AGAP001199-PA	C8(Carbamidomethyl)	44	0.000454864	1	4087.930	-1.45	Midgut	2R:+:1279217-1279330	exon=> In CDS Exon 1 of transcript AGAP001199-PA
JHU_Ag_102502	TTLPIMDLEVCRK	AGAP001199-PA	C11(Carbamidomethyl),"M6(Oxidation),C11(Carbamidomethyl)"	84	5.54E-08	1	1575.830	3.88	Midgut	2R:+:1279640-1279678	exon=> In CDS Exon 2 of transcript AGAP001199-PA
JHU_Ag_107908	IAEMYVHEDYEGSVGPNDIAIFR	AGAP001199-PA	M4(Oxidation)	113	7.55E-11	1	2641.225	0.43	Midgut	2R:+:1279334-1279402	exon=> In CDS Exon 1 of transcript AGAP001199-PA

JHU_Ag_944	LAMAAACNLMSDFVR	AGAP001200-PA,AGAP001200-PB	C7(Carbamidomethyl)	119	2.21E-11	1	1669.788	0.99	Visceras	2R:+:1289451-1289495;2R:+:1289451-1289495	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_1802	LEESDIFAK	AGAP001200-PA,AGAP001200-PB	-	53	6.51E-05	2	1051.530	-0.68	Visceras	2R:+:1288820-1288846;2R:+:1288820-1288846	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_2717	YGGAPVGAFFPCPK	AGAP001200-PA,AGAP001200-PB	C12(Carbamidomethyl)	60	1.54E-05	2	1467.713	2.43	Head	2R:+:1288077-1288118;2R:+:1288077-1288118	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_3319	YAELQHILSK	AGAP001200-PA,AGAP001200-PB	-	51	0.000113394	1	1201.661	2.59	Head	2R:+:1289006-1289035;2R:+:1289006-1289035	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_3338	ILAPGIAHALFMDLTHDNPSPVEKR	AGAP001200-PA,AGAP001200-PB	-	32	0.00468083	1	2742.442	0.93	Visceras	2R:+:1288122-1288196;2R:+:1288122-1288196	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_4378	DAVWWWLYTIK	AGAP001200-PA,AGAP001200-PB	-	55	5.11E-05	2	1480.764	1.22	Visceras	2R:+:1289829-1289861;2R:+:1289829-1289861	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_4534	GLAELTNENGAYCK	AGAP001200-PA,AGAP001200-PB	C13(Carbamidomethyl)	85	3.88E-08	2	1539.712	0.8	Ovary	2R:+:1290915-1290956;2R:+:1290915-1290956	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_5135	ELIAWGDSVK	AGAP001200-PA,AGAP001200-PB	-	38	0.002821712	2	1117.589	-0.28	Pupa	2R:+:1287527-1287556;2R:+:1287527-1287556	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_5793	GNVTQLHFSNLKPGSVVAVR	AGAP001200-PA,AGAP001200-PB	-	100	4.09E-10	1	2123.170	-1.11	Visceras	2R:+:1288862-1288921;2R:+:1288862-1288921	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_5833	IGINPDTGFVFGGNNANCGTWMDK	AGAP001200-PA,AGAP001200-PB	C18(Carbamidomethyl)	88	1.46E-08	2	2585.156	0.26	Visceras	2R:+:1290156-1290227;2R:+:1290156-1290227	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_5891	EVSYDDLAVLMR	AGAP001200-PA,AGAP001200-PB	M11(Oxidation)	74	6.11E-07	2	1426.690	0.99	Ovary	2R:+:1286630-1286665;2R:+:1286630-1286665	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_6782	AQDIPEGDIKLR	AGAP001200-PA,AGAP001200-PB	-	42	0.000566165	1	1354.736	2.72	Malpighian tubule	2R:+:1287032-1287067;2R:+:1287032-1287067	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_7396	CNFPIALLAAPELADPK	AGAP001200-PA,AGAP001200-PB	C1(Carbamidomethyl)	71	7.82E-07	2	1839.978	5.92	Head	2R:+:1290561-1290611;2R:+:1290561-1290611	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_7459	LQFLNEEVRR	AGAP001200-PA,AGAP001200-PB	-	35	0.004021313	1	1303.710	-1.15	Visceras	2R:+:1287203-1287232;2R:+:1287203-1287232	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_7508	LAMAAACNLMSDFVR	AGAP001200-PA,AGAP001200-PB	M3(Oxidation), C7(Carbamidomethyl), M10(Oxidation),"M3(Oxidation), C7(Carbamidomethyl)"	77	1.86E-07	1	1701.780	2.43	Malpighian tubule	2R:+:1289451-1289495;2R:+:1289451-1289495	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_7797	TGQTFDRPTDFAK	AGAP001200-PA,AGAP001200-PB	-	69	1.91E-06	1	1483.721	2.34	Head	2R:+:1288721-1288759;2R:+:1288721-1288759	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_8415	DTVGSEIAWTDYQLR	AGAP001200-PA,AGAP001200-PB	-	61	1.37E-05	2	1753.838	-0.52	Midgut	2R:+:1290516-1290560;2R:+:1290516-1290560	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_9345	YMIPSYFDVIITNVHR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	94	5.23E-09	1	1968.008	1.78	Visceras	2R:+:1289403-1289450;2R:+:1289403-1289450	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB

JHU_Ag_9769	TVWTYKEWANK	AGAP001200-PA,AGAP001200-PB	-	58	2.46E-05	1	1425.720	2.44	Head	2R:+:1290402-1290434;2R:+:1290402-1290434	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_12874	EYPECSYNCFTCPHLRPAFLLDAMLAR	AGAP001200-PA,AGAP001200-PB	C5(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl)	107	2.04E-10	1	3331.517	0.34	Visceras	2R:+:1286747-1286827;2R:+:1286747-1286827	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_12994	LLYCCAEEER	AGAP001200-PA,AGAP001200-PB	C4(Carbamidomethyl), C5(Carbamidomethyl)	61	4.83E-06	2	1342.575	-1.32	Visceras	2R:+:1289060-1289089;2R:+:1289060-1289089	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_13134	EALSAWDSHEQGR	AGAP001200-PA,AGAP001200-PB	-	100	8.81E-10	1	1485.672	0.03	Visceras	2R:+:1287815-1287815,1288027-1288064;2R:+:1287815-1287815,1288027-1288064	exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PB
JHU_Ag_14817	LALGSVQCVADCPSASLPK	AGAP001200-PA,AGAP001200-PB	C8(Carbamidomethyl), C12(Carbamidomethyl)	122	1.08E-11	1	1972.986	1.2	Visceras	2R:+:1289520-1289576;2R:+:1289520-1289576	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_14897	GNVTQLHFSNLKPGSVVAVR	AGAP001200-PA,AGAP001200-PB	-	78	7.38E-08	1	2123.176	1.75	Head	2R:+:1288862-1288921;2R:+:1288862-1288921	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_15869	DVDYYCNVHFTK	AGAP001200-PA,AGAP001200-PB	C6(Carbamidomethyl)	48	0.000115033	2	1560.681	1.39	Malpighian tubule	2R:+:1286264-1286299;2R:+:1286264-1286299	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_16138	LYELYQCDVDKYVSR	AGAP001200-PA,AGAP001200-PB	C7(Carbamidomethyl)	76	4.23E-07	1	1950.929	1.15	Ovary	2R:+:1286951-1286995;2R:+:1286951-1286995	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_16224	EALSAWDSHEQGR	AGAP001200-PA,AGAP001200-PB	-	74	3.42E-07	1	1485.677	3.23	Malpighian tubule	2R:+:1287815-1287815,1288027-1288064;2R:+:1287815-1287815,1288027-1288064	exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PB
JHU_Ag_16598	WQIHSNYLPQVK	AGAP001200-PA,AGAP001200-PB	-	78	1.73E-07	1	1512.796	0.33	Visceras	2R:+:1286915-1286950;2R:+:1286915-1286950	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_16971	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	63	2.12E-06	2	872.557	1.22	Visceras	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_18162	TGQTFDRPTDFAK	AGAP001200-PA,AGAP001200-PB	-	74	6.45E-07	1	1483.721	1.92	Malpighian tubule	2R:+:1288721-1288759;2R:+:1288721-1288759	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_18271	DTFIAIR	AGAP001200-PA,AGAP001200-PB	-	45	0.000269037	2	835.467	0.07	Visceras	2R:+:1289679-1289699;2R:+:1289679-1289699	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_19035	LMKYEK	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	31	0.007376036	1	827.441	9.99	Midgut	2R:+:1289325-1289342;2R:+:1289325-1289342	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_19710	VALYCNYPADDKEFCR	AGAP001200-PA,AGAP001200-PB	C5(Carbamidomethyl), C15(Carbamidomethyl)	75	3.13E-07	1	2020.890	0.47	Visceras	2R:+:1286057-1286087,1286160-1286176;2R:+:1286057-1286087,1286160-1286176	exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001200-PB

JHU_Ag_19902	GFDQLFVDQMHPDIVAVTR	AGAP001200-PA,AGAP001200-PB	M10(Oxidation)	92	9.96E-09	1	2204.087	2.92	Malpighian tubule	2R:+:1288514-1288570;2R:+:1288514-1288570	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_19968	NLKLEESDIFAK	AGAP001200-PA,AGAP001200-PB	-	88	2.27E-08	1	1406.751	-1.07	Visceras	2R:+:1288811-1288846;2R:+:1288811-1288846	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_20138	NVDYINGVNEYVVDLK	AGAP001200-PA,AGAP001200-PB	-	71	1.22E-06	2	1853.935	3.55	Malpighian tubule	2R:+:1288760-1288807;2R:+:1288760-1288807	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_21546	EALSAWDSHEQGR	AGAP001200-PA,AGAP001200-PB	-	63	4.87E-06	2	1485.671	-0.3	Ovary	2R:+:1287815-1287815,1288027-1288064;2R:+:1287815-1287815,1288027-1288064	exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PB
JHU_Ag_21844	CNFPIALLAAPELADPK	AGAP001200-PA,AGAP001200-PB	C1(Carbamidomethyl)	92	7.01E-09	1	1839.972	2.53	Visceras	2R:+:1290561-1290611;2R:+:1290561-1290611	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_22214	FNDECSKR	AGAP001200-PA,AGAP001200-PB	C5(Carbamidomethyl)	40	0.000505881	1	1055.461	3.63	Malpighian tubule	2R:+:1286996-1287019;2R:+:1286996-1287019	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_22279	LAIHDSNQGDGALYR	AGAP001200-PA,AGAP001200-PB	-	60	1.57E-05	1	1629.792	-3.64	Pupa	2R:+:1285955-1285999;2R:+:1285955-1285999	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_24296	RILAPGIAHALFMDLTHDNPSPVEK	AGAP001200-PA,AGAP001200-PB	-	115	2.30E-11	1	2742.439	-0.4	Visceras	2R:+:1288119-1288193;2R:+:1288119-1288193	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_26829	GFDQLFVDQMHPDIVAVTR	AGAP001200-PA,AGAP001200-PB	M10(Oxidation)	99	2.17E-09	1	2204.085	1.84	Head	2R:+:1288514-1288570;2R:+:1288514-1288570	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_28197	HMQEYVDTTAR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	50	6.94E-05	1	1366.601	-3.3	Head	2R:+:1287602-1287634;2R:+:1287602-1287634	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_28686	TLDYEDWGYR	AGAP001200-PA,AGAP001200-PB	-	46	0.000131063	1	1317.580	4.16	Malpighian tubule	2R:+:1290672-1290701;2R:+:1290672-1290701	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_29640	GISVKYPLFMK	AGAP001200-PA,AGAP001200-PB	M10(Oxidation)	38	0.001759037	1	1298.724	4.93	Malpighian tubule	2R:+:1287323-1287355;2R:+:1287323-1287355	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_30170	IGINPDTGFVFGGNNANCGTWMDKMGSSDK	AGAP001200-PA,AGAP001200-PB	C18(Carbamidomethyl), M22(Oxidation), M25(Oxidation)	72	4.50E-07	1	3222.407	4.39	Malpighian tubule	2R:+:1290156-1290245;2R:+:1290156-1290245	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_30173	LALGSVQCVADCPSASLPK	AGAP001200-PA,AGAP001200-PB	C8(Carbamidomethyl), C12(Carbamidomethyl)	100	1.73E-09	1	1972.986	1.51	Malpighian tubule	2R:+:1289520-1289576;2R:+:1289520-1289576	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_31012	LLGPLDTWEAK	AGAP001200-PA,AGAP001200-PB	-	34	0.004031494	1	1242.675	1.45	Malpighian tubule	2R:+:1286462-1286494;2R:+:1286462-1286494	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_33143	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	64	1.13E-06	2	872.559	2.47	Salivary gland	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_34178	RLGAEIDFER	AGAP001200-PA,AGAP001200-PB	-	38	0.002762544	2	1205.626	-1.13	Head	2R:+:1287086-1287115;2R:+:1287086-1287115	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB

JHU_Ag_34392	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	62	2.58E-06	2	872.556	-0.74	Male reproductive organs	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_35144	HGLIPNLLDGGQNAR	AGAP001200-PA,AGAP001200-PB	-	48	0.000226577	2	1574.842	1.43	Ovary	2R:+:1289772-1289816;2R:+:1289772-1289816	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_35346	KVNPELYVAAELFTNSDHTDNIFVNR	AGAP001200-PA,AGAP001200-PB	-	164	5.06E-16	1	3006.499	1.14	Visceras	2R:+:1287713-1287790;2R:+:1287713-1287790	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_36274	GNYDNSIDSDDKTVAHGANYHNGPEWVWPIGFYLR	AGAP001200-PA,AGAP001200-PB	-	86	2.05E-08	1	4007.835	-0.62	Visceras	2R:+:1290702-1290806;2R:+:1290702-1290806	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_37103	LYELYQCDVDK	AGAP001200-PA,AGAP001200-PB	C7(Carbamidomethyl)	34	0.003633468	2	1445.662	0.45	Visceras	2R:+:1286951-1286983;2R:+:1286951-1286983	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_37236	ILQTHLNELQR	AGAP001200-PA,AGAP001200-PB	-	83	3.41E-08	1	1364.765	0.49	Head	2R:+:1290870-1290902;2R:+:1290870-1290902	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_37558	NSLVHVHPGASLLGR	AGAP001200-PA,AGAP001200-PB	-	77	1.26E-07	1	1556.869	1.95	Malpighian tubule	2R:+:1286009-1286053;2R:+:1286009-1286053	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_37779	YMIPSYFDVIITNVHR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	50	0.000154754	1	1984.004	1.92	Head	2R:+:1289403-1289450;2R:+:1289403-1289450	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_38693	NLKLEESDIFAK	AGAP001200-PA,AGAP001200-PB	-	72	7.71E-07	2	1406.759	4.58	Malpighian tubule	2R:+:1288811-1288846;2R:+:1288811-1288846	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_39257	DGSAVELVGLQMASLR	AGAP001200-PA,AGAP001200-PB	M12(Oxidation)	66	4.03E-06	2	1661.856	2.08	Ovary	2R:+:1290279-1290326;2R:+:1290279-1290326	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_39313	NVDYINGVNEYVVDLKR	AGAP001200-PA,AGAP001200-PB	-	75	4.33E-07	1	2010.030	0.58	Ovary	2R:+:1288760-1288810;2R:+:1288760-1288810	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_39562	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	64	1.62E-06	2	872.556	0.03	Head	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_39882	VHFDTLQSLVR	AGAP001200-PA,AGAP001200-PB	-	46	0.000342126	1	1314.718	1.08	Malpighian tubule	2R:+:1288946-1288978;2R:+:1288946-1288978	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_40124	LAIHDSNQGDGALYR	AGAP001200-PA,AGAP001200-PB	-	49	0.000197572	1	1629.798	0.22	Ovary	2R:+:1285955-1285999;2R:+:1285955-1285999	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_40629	NGNWLIDYCSQR	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl)	38	0.001746583	2	1525.689	2.28	Midgut	2R:+:1289225-1289243,1289308-1289324;2R:+:1289225-1289243,1289308-1289324	exon=> In CDS Exon 5 and 6 of transcript AGAP001200-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PB
JHU_Ag_41529	NLKLEESDIFAK	AGAP001200-PA,AGAP001200-PB	-	33	0.005930489	1	1406.752	-0.46	Ovary	2R:+:1288811-1288846;2R:+:1288811-1288846	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_42154	TLDYEDWGYR	AGAP001200-PA,AGAP001200-PB	-	64	1.97E-06	1	1317.575	-0.1	Visceras	2R:+:1290672-1290701;2R:+:1290672-1290701	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB

JHU_Ag_43206	AQDIPEGDIK	AGAP001200-PA,AGAP001200-PB	-	41	0.000707951	2	1085.551	3.05	Malpighian tubule	2R:+:1287032-1287061;2R:+:1287032-1287061	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_43340	KVNPELYVAAELFTNSDHTDNIFVNR	AGAP001200-PA,AGAP001200-PB	-	52	8.80E-05	1	3006.504	2.78	Malpighian tubule	2R:+:1287713-1287790;2R:+:1287713-1287790	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_44057	DGMLAHVGVPEVVETEDHLQAIR	AGAP001200-PA,AGAP001200-PB	M3(Oxidation)	71	1.22E-06	1	2531.261	1.93	Head	2R:+:1286846-1286914;2R:+:1286846-1286914	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_46306	LGAEIDFER	AGAP001200-PA,AGAP001200-PB	-	54	8.38E-05	1	1049.526	0.15	Ovary	2R:+:1287089-1287115;2R:+:1287089-1287115	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_46660	LDLVDFNK	AGAP001200-PA,AGAP001200-PB	-	44	0.000567897	1	963.515	0.52	Visceras	2R:+:1289036-1289059;2R:+:1289036-1289059	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_46970	VALYCNYPADDKEFCR	AGAP001200-PA,AGAP001200-PB	C5(Carbamidomethyl), C15(Carbamidomethyl)	48	0.000158267	1	2020.889	-0.35	Head	2R:+:1286057-1286087,1286160-1286176;2R:+:1286057-1286087,1286160-1286176	exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001200-PB
JHU_Ag_47044	GNVTQLHFSNLKPGSVVAVR	AGAP001200-PA,AGAP001200-PB	-	61	3.73E-06	1	2123.174	0.72	Malpighian tubule	2R:+:1288862-1288921;2R:+:1288862-1288921	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_48610	GLAELTNENGAYCK	AGAP001200-PA,AGAP001200-PB	C13(Carbamidomethyl)	70	1.08E-06	2	1539.713	1.28	Head	2R:+:1290915-1290956;2R:+:1290915-1290956	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_49419	ELIAWGDSVKLR	AGAP001200-PA,AGAP001200-PB	-	63	4.96E-06	1	1386.779	3.73	Malpighian tubule	2R:+:1287527-1287562;2R:+:1287527-1287562	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_49673	YLLGPLGMK	AGAP001200-PA,AGAP001200-PB	-	46	0.000220538	2	991.564	-0.67	Visceras	2R:+:1290645-1290671;2R:+:1290645-1290671	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_50936	YMILGFGGCLR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation), C9(Carbamidomethyl)	43	0.000787383	2	1302.633	-0.13	Ovary	2R:+:1289739-1289771;2R:+:1289739-1289771	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_51728	NGNWLIDYCSQR	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl),"N1(Deamidated), C9(Carbamidomethyl)","N3(Deamidated), C9(Carbamidomethyl)"	61	8.68E-06	1	1525.687	0.92	Ovary	2R:+:1289225-1289243,1289308-1289324;2R:+:1289225-1289243,1289308-1289324	exon=> In CDS Exon 5 and 6 of transcript AGAP001200-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PB
JHU_Ag_52375	LLGPLDTWEAK	AGAP001200-PA,AGAP001200-PB	-	77	2.37E-07	1	1242.675	1.94	Head	2R:+:1286462-1286494;2R:+:1286462-1286494	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_54160	EVSYDDLAVLMR	AGAP001200-PA,AGAP001200-PB	-	64	6.87E-06	2	1410.694	0.34	Visceras	2R:+:1286630-1286665;2R:+:1286630-1286665	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_55171	AMSIYNVFR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	43	0.000710123	2	1116.550	-0.86	Head	2R:+:1287116-1287142;2R:+:1287116-1287142	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_55410	DTVGSEIAWTDYQLR	AGAP001200-PA,AGAP001200-PB	-	73	8.10E-07	2	1753.844	2.61	Visceras	2R:+:1290516-1290560;2R:+:1290516-1290560	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB

JHU_Ag_55515	NVDYINGVNEYVVDLKR	AGAP001200-PA,AGAP001200-PB	-	81	8.78E-08	1	2010.040	5.32	Head	2R:+:1288760-1288810;2R:+:1288760-1288810	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_55556	EVSYDDLAVLMR	AGAP001200-PA,AGAP001200-PB	M11(Oxidation)	71	1.21E-06	2	1410.697	2.42	Head	2R:+:1286630-1286665;2R:+:1286630-1286665	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_55966	GFDQLFVDQMHPDIVAVTR	AGAP001200-PA,AGAP001200-PB	M10(Oxidation)	105	5.51E-10	1	2204.084	1.42	Ovary	2R:+:1288514-1288570;2R:+:1288514-1288570	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_56334	LDNCHSTPLHVAEYLLDSAR	AGAP001200-PA,AGAP001200-PB	C4(Carbamidomethyl),"N3(Deamidated),C4(Carbamidomethyl)"	99	1.74E-09	1	2311.121	3.16	Head	2R:+:1287653-1287712;2R:+:1287653-1287712	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_56906	LLGPLDTWEAK	AGAP001200-PA,AGAP001200-PB	-	40	0.000982319	2	1242.673	-0.32	Male reproductive organs	2R:+:1286462-1286494;2R:+:1286462-1286494	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_57260	LAMAAACNLMSDFVR	AGAP001200-PA,AGAP001200-PB	M3(Oxidation),C7(Carbamidomethyl)	39	0.001743021	2	1685.785	2.34	Ovary	2R:+:1289451-1289495;2R:+:1289451-1289495	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_58925	EFYVDESCESNYANK	AGAP001200-PA,AGAP001200-PB	C8(Carbamidomethyl)	69	2.69E-07	1	1854.746	-1.27	Visceras	2R:+:1290456-1290500;2R:+:1290456-1290500	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_59129	NVDYINGVNEYVVDLK	AGAP001200-PA,AGAP001200-PB	N6(Deamidated)	82	1.06E-07	1	1854.915	1.64	Visceras	2R:+:1288760-1288807;2R:+:1288760-1288807	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_61246	EAVVKGNVTQLHFSNLKPGSVVAVR	AGAP001200-PA,AGAP001200-PB	-	39	0.000166774	1	2649.491	2.92	Malpighian tubule	2R:+:1288847-1288921;2R:+:1288847-1288921	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_61260	YGGAPVGAFFPCPK	AGAP001200-PA,AGAP001200-PB	C12(Carbamidomethyl)	42	0.001044345	2	1467.711	1.1	Ovary	2R:+:1288077-1288118;2R:+:1288077-1288118	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_61557	VHFDTLQSLVR	AGAP001200-PA,AGAP001200-PB	-	88	2.47E-08	1	1314.718	1.27	Visceras	2R:+:1288946-1288978;2R:+:1288946-1288978	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_61648	AMSIYNVFR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	42	0.00078043	2	1116.555	3.63	Malpighian tubule	2R:+:1287116-1287142;2R:+:1287116-1287142	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_62558	EAFNVLHGGLASR	AGAP001200-PA,AGAP001200-PB	-	62	7.83E-06	2	1370.723	4.09	Malpighian tubule	2R:+:1288475-1288513;2R:+:1288475-1288513	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_63541	VALYCNYPADDKEFCR	AGAP001200-PA,AGAP001200-PB	C5(Carbamidomethyl),C15(Carbamidomethyl)	47	0.000213028	1	2020.892	1.46	Ovary	2R:+:1286057-1286087,1286160-1286176;2R:+:1286057-1286087,1286160-1286176	exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001200-PB
JHU_Ag_63962	DVDYYCNVHFTK	AGAP001200-PA,AGAP001200-PB	C6(Carbamidomethyl)	51	5.66E-05	1	1560.680	0.84	Midgut	2R:+:1286264-1286299;2R:+:1286264-1286299	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_63985	LLGPLDTWEAK	AGAP001200-PA,AGAP001200-PB	-	51	9.30E-05	1	1242.672	-0.42	Midgut	2R:+:1286462-1286494;2R:+:1286462-1286494	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_64502	LDNCHSTPLHVAEYLLDSAR	AGAP001200-PA,AGAP001200-PB	C4(Carbamidomethyl)	131	1.05E-12	1	2311.117	1.5	Visceras	2R:+:1287653-1287712;2R:+:1287653-1287712	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB

JHU_Ag_65018	ANGVLKETVAETWK	AGAP001200-PA,AGAP001200-PB	-	52	6.24E-05	2	1545.840	7.97	Malpighian tubule	2R:+:1290828-1290869;2R:+:1290828-1290869	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_66842	KYLLGPLGMK	AGAP001200-PA,AGAP001200-PB	M9(Oxidation)	40	0.000565988	1	1135.658	3.36	Malpighian tubule	2R:+:1290642-1290671;2R:+:1290642-1290671	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_66952	SLKDIESMMYGGAGK	AGAP001200-PA,AGAP001200-PB	M8(Oxidation), M9(Oxidation)	33	0.005974084	1	1618.747	1.25	Malpighian tubule	2R:+:1287386-1287430;2R:+:1287386-1287430	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_69099	GYDEFVPHHVHVVDEER	AGAP001200-PA,AGAP001200-PB	-	124	4.93E-12	1	2063.966	4.21	Malpighian tubule	2R:+:1288266-1288292,1288394-1288417;2R:+:1288266-1288292,1288394-1288417	exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PB
JHU_Ag_69896	DGSAVELVGLQMASLR	AGAP001200-PA,AGAP001200-PB	M12(Oxidation)	88	2.81E-08	2	1661.856	1.78	Head	2R:+:1290279-1290326;2R:+:1290279-1290326	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_70243	TLDYEDWGYR	AGAP001200-PA,AGAP001200-PB	-	55	1.71E-05	2	1317.576	1.29	Pupa	2R:+:1290672-1290701;2R:+:1290672-1290701	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_72002	LQFLNEEVRR	AGAP001200-PA,AGAP001200-PB	-	39	0.001571703	1	1303.707	-4.03	Head	2R:+:1287203-1287232;2R:+:1287203-1287232	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_72332	DVDYYCNVHFTK	AGAP001200-PA,AGAP001200-PB	C6(Carbamidomethyl)	85	1.92E-08	1	1560.681	1.7	Visceras	2R:+:1286264-1286299;2R:+:1286264-1286299	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_72635	RLALGSVQCVADCPSASLPK	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl), C13(Carbamidomethyl)	87	2.65E-08	1	2129.085	0.23	Visceras	2R:+:1289517-1289576;2R:+:1289517-1289576	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_74037	NGNWLIDYCSQR	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl)	71	9.17E-07	2	1525.689	2.36	Head	2R:+:1289225-1289243,1289308-1289324;2R:+:1289225-1289243,1289308-1289324	exon=> In CDS Exon 5 and 6 of transcript AGAP001200-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PB
JHU_Ag_74618	AMSIYNVFR	AGAP001200-PA,AGAP001200-PB	-	61	8.44E-06	2	1100.556	0.17	Visceras	2R:+:1287116-1287142;2R:+:1287116-1287142	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_74836	ELIAWGDSVK	AGAP001200-PA,AGAP001200-PB	-	37	0.003569736	1	1117.587	-1.48	Visceras	2R:+:1287527-1287556;2R:+:1287527-1287556	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_75254	GLAELTNENGAYCKDSCR	AGAP001200-PA,AGAP001200-PB	C13(Carbamidomethyl), C17(Carbamidomethyl)	38	0.001195388	3	2057.907	2.6	Malpighian tubule	2R:+:1290915-1290968;2R:+:1290915-1290968	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_75300	EAFNVLHGGLASR	AGAP001200-PA,AGAP001200-PB	-	77	2.20E-07	2	1370.717	-0.19	Visceras	2R:+:1288475-1288513;2R:+:1288475-1288513	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_76021	ILQTHLNELQR	AGAP001200-PA,AGAP001200-PB	-	50	6.45E-05	2	1364.765	0.31	Ovary	2R:+:1290870-1290902;2R:+:1290870-1290902	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_76218	VNPELYVAAELFTNSDHTDNIFVNR	AGAP001200-PA,AGAP001200-PB	-	110	1.45E-10	1	2878.402	0.58	Visceras	2R:+:1287716-1287790;2R:+:1287716-1287790	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB

JHU_Ag_76644	LDNCHSTPLHVAEYLLDSAR	AGAP001200-PA,AGAP001200-PB	C4(Carbamidomethyl)	43	0.000809584	1	2311.117	1.5	Ovary	2R:+:1287653-1287712;2R:+:1287653-1287712	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_77485	KVNPELYVAAELFTNSDHTDNIFVNR	AGAP001200-PA,AGAP001200-PB	-	140	1.24E-13	1	3006.507	3.88	Head	2R:+:1287713-1287790;2R:+:1287713-1287790	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_77824	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	60	4.21E-06	2	872.558	1.43	Pupa	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_77839	TLDYEDWGYR	AGAP001200-PA,AGAP001200-PB	-	55	1.86E-05	2	1317.575	0.64	Ovary	2R:+:1290672-1290701;2R:+:1290672-1290701	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_77921	YAELQHILSK	AGAP001200-PA,AGAP001200-PB	-	44	0.000574711	2	1201.658	0.25	Visceras	2R:+:1289006-1289035;2R:+:1289006-1289035	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_78786	VQGDGPQVK	AGAP001200-PA,AGAP001200-PB	-	47	0.000180418	2	927.491	2.12	Malpighian tubule	2R:+:1287296-1287322;2R:+:1287296-1287322	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_79586	LEWCSAAGSPLETSASGSEYTSIKDVDYYCNVHFTK	AGAP001200-PA,AGAP001200-PB	C4(Carbamidomethyl), C30(Carbamidomethyl)	118	1.18E-11	1	4072.812	-2.28	Visceras	2R:+:1286192-1286299;2R:+:1286192-1286299	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_80233	LSPNVSDPKPPSHCATMAAGLPHFATGYMR	AGAP001200-PA,AGAP001200-PB	C14(Carbamidomethyl), M17(Oxidation), M29(Oxidation)	35	0.004179175	1	3242.521	0.78	Head	2R:+:1289577-1289666;2R:+:1289577-1289666	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_80775	EFYVDESCESNYANKR	AGAP001200-PA,AGAP001200-PB	C8(Carbamidomethyl)	130	4.77E-13	1	2010.847	-1.25	Visceras	2R:+:1290456-1290503;2R:+:1290456-1290503	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_81534	NGNWLIDYCSQR	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl),"N1(Deamidated), C9(Carbamidomethyl)","N3(Deamidated), C9(Carbamidomethyl)"	82	6.24E-08	1	1525.688	1.56	Visceras	2R:+:1289225-1289243,1289308-1289324;2R:+:1289225-1289243,1289308-1289324	exon=> In CDS Exon 5 and 6 of transcript AGAP001200-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PB
JHU_Ag_81699	HGLIPNLLDGGQNAR	AGAP001200-PA,AGAP001200-PB	-	38	0.001828083	2	1574.848	5.38	Malpighian tubule	2R:+:1289772-1289816;2R:+:1289772-1289816	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_81853	EFYVDESCESNYANK	AGAP001200-PA,AGAP001200-PB	C8(Carbamidomethyl)	46	6.53E-05	2	1854.750	0.77	Head	2R:+:1290456-1290500;2R:+:1290456-1290500	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_82107	VHFDTLQSLVR	AGAP001200-PA,AGAP001200-PB	-	73	6.08E-07	1	1314.716	-0.4	Midgut	2R:+:1288946-1288978;2R:+:1288946-1288978	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_82244	EEWNVASICDIVLNHTANESIWIR	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl)	55	4.80E-05	3	2869.395	0.28	Visceras	2R:+:1286675-1286746;2R:+:1286675-1286746	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_82621	ILQTHLNELQR	AGAP001200-PA,AGAP001200-PB	-	63	3.04E-06	1	1364.769	3.08	Malpighian tubule	2R:+:1290870-1290902;2R:+:1290870-1290902	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_82781	YFTHYGTQGK	AGAP001200-PA,AGAP001200-PB	-	51	5.99E-05	1	1201.559	-3.57	Head	2R:+:1287356-1287385;2R:+:1287356-1287385	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_82999	GFDQLFVDQMHPDIVAVTR	AGAP001200-PA,AGAP001200-PB	M10(Oxidation)	92	1.05E-08	1	2204.082	0.76	Visceras	2R:+:1288514-1288570;2R:+:1288514-1288570	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB

JHU_Ag_83071	HGLIPNLLDGGQNAR	AGAP001200-PA,AGAP001200-PB	-	33	0.007583664	1	1574.839	-0.28	Midgut	2R:+:1289772-1289816;2R:+:1289772-1289816	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_83272	VHFDTLQSLVR	AGAP001200-PA,AGAP001200-PB	-	77	3.27E-07	1	1314.719	2.11	Head	2R:+:1288946-1288978;2R:+:1288946-1288978	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_83651	NSLVHVHPGASLLGR	AGAP001200-PA,AGAP001200-PB	N1(Deamidated)	79	8.41E-08	1	1556.867	0.7	Visceras	2R:+:1286009-1286053;2R:+:1286009-1286053	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_83697	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	71	3.01E-07	2	872.556	-0.18	Ovary	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_84245	DGSAVELVGLQMASLR	AGAP001200-PA,AGAP001200-PB	M12(Oxidation)	96	4.17E-09	2	1661.859	3.99	Malpighian tubule	2R:+:1290279-1290326;2R:+:1290279-1290326	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_85219	TLDYEDWGYR	AGAP001200-PA,AGAP001200-PB	-	42	0.000360906	2	1317.575	-0.1	Salivary gland	2R:+:1290672-1290701;2R:+:1290672-1290701	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_86085	LALGSVQCVADCPSASLPK	AGAP001200-PA,AGAP001200-PB	C8(Carbamidomethyl), C12(Carbamidomethyl)	57	3.25E-05	1	1972.985	0.7	Ovary	2R:+:1289520-1289576;2R:+:1289520-1289576	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_86728	LLGPLDTWEAK	AGAP001200-PA,AGAP001200-PB	-	63	5.02E-06	1	1242.673	-0.03	Visceras	2R:+:1286462-1286494;2R:+:1286462-1286494	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_87513	GLTLLTGR	AGAP001200-PA,AGAP001200-PB	-	38	0.001244963	2	830.511	2.25	Malpighian tubule	2R:+:1289700-1289723;2R:+:1289700-1289723	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_87574	YMIPSYFDVIITNVHR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	47	0.000311955	1	1984.005	2.75	Malpighian tubule	2R:+:1289403-1289450;2R:+:1289403-1289450	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_87588	AQDIPEGDIKLR	AGAP001200-PA,AGAP001200-PB	-	30	0.009876434	1	1354.732	-0.79	Ovary	2R:+:1287032-1287067;2R:+:1287032-1287067	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_87747	LGAEIDFER	AGAP001200-PA,AGAP001200-PB	-	53	9.26E-05	2	1049.525	-0.9	Visceras	2R:+:1287089-1287115;2R:+:1287089-1287115	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_87794	DIESMMYGGAGK	AGAP001200-PA,AGAP001200-PB	M5(Oxidation), M6(Oxidation),M6(Oxidation),M5(Oxidation)	81	1.75E-08	1	1290.535	1.01	Head	2R:+:1287395-1287430;2R:+:1287395-1287430	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_88890	CNFPIALLAAPELADPK	AGAP001200-PA,AGAP001200-PB	C1(Carbamidomethyl), N2(Deamidated)	52	7.42E-05	2	1840.950	-0.66	Ovary	2R:+:1290561-1290611;2R:+:1290561-1290611	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_88920	YGDKPEDSPYLWK	AGAP001200-PA,AGAP001200-PB	-	77	2.94E-07	1	1597.756	1.63	Visceras	2R:+:1287563-1287601;2R:+:1287563-1287601	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_88963	NVDYINGVNEYVVDLK	AGAP001200-PA,AGAP001200-PB	-	115	5.05E-11	1	1853.930	1.05	Head	2R:+:1288760-1288807;2R:+:1288760-1288807	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_89554	GLTLLTGR	AGAP001200-PA,AGAP001200-PB	-	53	7.65E-05	2	830.509	-0.98	Visceras	2R:+:1289700-1289723;2R:+:1289700-1289723	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_89697	EAFNVLHGGLASR	AGAP001200-PA,AGAP001200-PB	-	79	1.57E-07	1	1370.719	1.24	Head	2R:+:1288475-1288513;2R:+:1288475-1288513	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB

JHU_Ag_89820	HMQEYVDTTAR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	75	2.97E-07	1	1366.609	2.77	Malpighian tubule	2R:+:1287602-1287634;2R:+:1287602-1287634	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_89932	LQFLNEEVR	AGAP001200-PA,AGAP001200-PB	-	45	0.000563053	2	1147.611	0.42	Visceras	2R:+:1287203-1287229;2R:+:1287203-1287229	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_90627	LGAEIDFER	AGAP001200-PA,AGAP001200-PB	-	62	9.89E-06	1	1049.529	2.47	Malpighian tubule	2R:+:1287089-1287115;2R:+:1287089-1287115	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_91400	GYDEFVPHHVHVVDEER	AGAP001200-PA,AGAP001200-PB	-	46	0.000324566	1	2063.960	1.37	Ovary	2R:+:1288266-1288292,1288394-1288417;2R:+:1288266-1288292,1288394-1288417	exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PB
JHU_Ag_91676	DTVGSEIAWTDYQLR	AGAP001200-PA,AGAP001200-PB	-	69	1.85E-06	1	1753.856	9.36	Head	2R:+:1290516-1290560;2R:+:1290516-1290560	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_92155	GNVTQLHFSNLKPGSVVAVR	AGAP001200-PA,AGAP001200-PB	-	92	2.68E-09	1	2123.173	0.63	Ovary	2R:+:1288862-1288921;2R:+:1288862-1288921	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_93766	VALYCNYPADDKEFCR	AGAP001200-PA,AGAP001200-PB	C5(Carbamidomethyl), C15(Carbamidomethyl)	69	1.33E-06	1	2020.895	2.71	Malpighian tubule	2R:+:1286057-1286087,1286160-1286176;2R:+:1286057-1286087,1286160-1286176	exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001200-PB
JHU_Ag_94351	YGGAPVGAFFPCPK	AGAP001200-PA,AGAP001200-PB	C12(Carbamidomethyl)	109	1.97E-10	1	1467.715	3.93	Malpighian tubule	2R:+:1288077-1288118;2R:+:1288077-1288118	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_94596	YMILGFGGCLR	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl)	49	0.000163031	2	1286.644	4.08	Visceras	2R:+:1289739-1289771;2R:+:1289739-1289771	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_94730	EIQEHLDYAIDNCLAGTR	AGAP001200-PA,AGAP001200-PB	C13(Carbamidomethyl)	115	4.84E-11	1	2117.995	1.2	Visceras	2R:+:1287233-1287286;2R:+:1287233-1287286	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_94921	LAIHDSNQGDGALYR	AGAP001200-PA,AGAP001200-PB	-	99	1.83E-09	1	1629.801	2.1	Malpighian tubule	2R:+:1285955-1285999;2R:+:1285955-1285999	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_94965	LDLVDFNK	AGAP001200-PA,AGAP001200-PB	-	41	0.001096068	1	963.515	0.01	Malpighian tubule	2R:+:1289036-1289059;2R:+:1289036-1289059	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_95810	LALGSVQCVADCPSASLPK	AGAP001200-PA,AGAP001200-PB	C8(Carbamidomethyl), C12(Carbamidomethyl)	109	2.11E-10	2	1972.979	-1.96	Head	2R:+:1289520-1289576;2R:+:1289520-1289576	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_96120	SIFDLIPSAGLVSMACCATGSNR	AGAP001200-PA,AGAP001200-PB	M14(Oxidation), C16(Carbamidomethyl), C17(Carbamidomethyl)	43	0.000715899	2	2443.140	-0.46	Visceras	2R:+:1288197-1288265;2R:+:1288197-1288265	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_96191	GLTLLTGR	AGAP001200-PA,AGAP001200-PB	-	39	0.001823341	2	830.510	0.04	Midgut	2R:+:1289700-1289723;2R:+:1289700-1289723	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_96262	LMKYEK	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	31	0.006551898	1	827.443	11.61	Head	2R:+:1289325-1289342;2R:+:1289325-1289342	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB

JHU_Ag_97648	EVSYDDLAVLMR	AGAP001200-PA,AGAP001200-PB	M11(Oxidation)	61	1.20E-05	2	1426.695	4.93	Malpighian tubule	2R:+:1286630-1286665;2R:+:1286630-1286665	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_97802	EIQEHLDYAIDNCLAGTR	AGAP001200-PA,AGAP001200-PB	C13(Carbamidomethyl)	45	0.000530295	1	2118.002	4.66	Head	2R:+:1287233-1287286;2R:+:1287233-1287286	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_98818	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	61	3.41E-06	2	872.556	-0.18	Midgut	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_99495	NGNWLIDYCSQR	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl),"N1(Deamidated),C9(Carbamidomethyl)","N3(Deamidated),C9(Carbamidomethyl)"	55	2.72E-05	2	1526.676	4.52	Malpighian tubule	2R:+:1289225-1289243,1289308-1289324;2R:+:1289225-1289243,1289308-1289324	exon=> In CDS Exon 5 and 6 of transcript AGAP001200-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PB
JHU_Ag_99828	YGDKPEDSPYLWK	AGAP001200-PA,AGAP001200-PB	-	39	0.001655204	1	1597.755	0.99	Head	2R:+:1287563-1287601;2R:+:1287563-1287601	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_100354	TVWTYKEWANK	AGAP001200-PA,AGAP001200-PB	-	45	0.00042791	1	1425.718	1.59	Ovary	2R:+:1290402-1290434;2R:+:1290402-1290434	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_100390	EVSYDDLAVLMRK	AGAP001200-PA,AGAP001200-PB	M11(Oxidation)	53	5.72E-05	1	1554.790	4.52	Malpighian tubule	2R:+:1286630-1286668;2R:+:1286630-1286668	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_101871	NLKLEESDIFAK	AGAP001200-PA,AGAP001200-PB	-	60	1.14E-05	2	1406.754	0.85	Head	2R:+:1288811-1288846;2R:+:1288811-1288846	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_102119	EALSAWDSHEQGR	AGAP001200-PA,AGAP001200-PB	-	104	3.76E-10	1	1485.674	1.83	Head	2R:+:1287815-1287815,1288027-1288064;2R:+:1287815-1287815,1288027-1288064	exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001200-PB
JHU_Ag_102997	GYDEFVPHHVHVVDEER	AGAP001200-PA,AGAP001200-PB	-	121	9.67E-12	1	2063.954	-1.41	Visceras	2R:+:1288266-1288292,1288394-1288417;2R:+:1288266-1288292,1288394-1288417	exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PB
JHU_Ag_103114	LGITSLIR	AGAP001200-PA,AGAP001200-PB	-	63	1.11E-06	2	872.563	7.93	Malpighian tubule	2R:+:1287791-1287814;2R:+:1287791-1287814	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_103394	YMIPSYFDVIITNVHR	AGAP001200-PA,AGAP001200-PB	M2(Oxidation)	64	6.15E-06	1	1983.999	-0.48	Midgut	2R:+:1289403-1289450;2R:+:1289403-1289450	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_104990	EAFNVLHGGLASR	AGAP001200-PA,AGAP001200-PB	-	69	1.24E-06	1	1370.717	-0.19	Ovary	2R:+:1288475-1288513;2R:+:1288475-1288513	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_105058	LDLVDFNK	AGAP001200-PA,AGAP001200-PB	-	46	0.00037802	5	963.516	1.03	Salivary gland	2R:+:1289036-1289059;2R:+:1289036-1289059	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_105127	RLEWCSAAGSPLETSASGSEYTSIK	AGAP001200-PA,AGAP001200-PB	C5(Carbamidomethyl)	88	2.10E-08	2	2687.269	2.79	Visceras	2R:+:1286189-1286263;2R:+:1286189-1286263	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB

JHU_Ag_105375	NLKLEESDIFAK	AGAP001200-PA,AGAP001200-PB	-	49	0.000147475	2	1406.753	0.59	Midgut	2R:+:1288811-1288846;2R:+:1288811-1288846	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_105757	LEWCSAAGSPLETSASGSEYTSIK	AGAP001200-PA,AGAP001200-PB	C4(Carbamidomethyl)	88	2.32E-08	1	2531.154	-2.62	Visceras	2R:+:1286192-1286263;2R:+:1286192-1286263	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_107277	NSLVHVHPGASLLGR	AGAP001200-PA,AGAP001200-PB	-	71	4.99E-07	1	1556.868	1.33	Head	2R:+:1286009-1286053;2R:+:1286009-1286053	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_107801	DGSAVELVGLQMASLR	AGAP001200-PA,AGAP001200-PB	-	41	0.001354701	2	1645.864	3.75	Visceras	2R:+:1290279-1290326;2R:+:1290279-1290326	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_110702	DTVGSEIAWTDYQLR	AGAP001200-PA,AGAP001200-PB	-	66	4.56E-06	2	1753.843	2.05	Ovary	2R:+:1290516-1290560;2R:+:1290516-1290560	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_111290	GYDEFVPHHVHVVDEER	AGAP001200-PA,AGAP001200-PB	-	143	7.28E-14	1	2063.957	0.13	Head	2R:+:1288266-1288292,1288394-1288417;2R:+:1288266-1288292,1288394-1288417	exon=> In CDS Exon 4 and 5 of transcript AGAP001200-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001200-PB
JHU_Ag_111662	HVDKNTGLIAVK	AGAP001200-PA,AGAP001200-PB	-	32	0.0019341	1	1294.750	1.34	Head	2R:+:1288439-1288474;2R:+:1288439-1288474	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_111938	TGQTFDRPTDFAK	AGAP001200-PA,AGAP001200-PB	-	74	6.37E-07	1	1483.717	-0.21	Visceras	2R:+:1288721-1288759;2R:+:1288721-1288759	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_112175	ILQTHLNELQR	AGAP001200-PA,AGAP001200-PB	-	83	3.13E-08	1	1364.763	-1.48	Visceras	2R:+:1290870-1290902;2R:+:1290870-1290902	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_113407	LLGPLDTWEAK	AGAP001200-PA,AGAP001200-PB	-	59	1.25E-05	1	1242.674	0.56	Ovary	2R:+:1286462-1286494;2R:+:1286462-1286494	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_113643	YGGAPVGAFFPCPK	AGAP001200-PA,AGAP001200-PB	C12(Carbamidomethyl)	109	2.15E-10	1	1467.711	1.18	Visceras	2R:+:1288077-1288118;2R:+:1288077-1288118	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_113873	ILAPGIAHALFMDLTHDNPSPVEK	AGAP001200-PA,AGAP001200-PB	-	113	4.28E-11	1	2586.353	5.71	Visceras	2R:+:1288122-1288193;2R:+:1288122-1288193	exon=> In CDS Exon 4 of transcript AGAP001200-PA;exon=> In CDS Exon 3 of transcript AGAP001200-PB
JHU_Ag_114628	LEESDIFAK	AGAP001200-PA,AGAP001200-PB	-	48	0.000223687	1	1051.532	1.06	Malpighian tubule	2R:+:1288820-1288846;2R:+:1288820-1288846	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_114634	GNVTQLHFSNLKPGSVVAVR	AGAP001200-PA,AGAP001200-PB	-	82	2.94E-08	1	2123.180	3.82	Salivary gland	2R:+:1288862-1288921;2R:+:1288862-1288921	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB
JHU_Ag_115620	LAIHDSNQGDGALYR	AGAP001200-PA,AGAP001200-PB	-	124	5.46E-12	1	1629.798	-0.22	Visceras	2R:+:1285955-1285999;2R:+:1285955-1285999	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_115720	GGKEVSYDDLAVLMR	AGAP001200-PA,AGAP001200-PB	M14(Oxidation)	50	0.00016939	2	1668.826	-0.01	Malpighian tubule	2R:+:1286621-1286665;2R:+:1286621-1286665	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_115833	NVDYINGVNEYVVDLKR	AGAP001200-PA,AGAP001200-PB	N6(Deamidated)	116	3.13E-11	1	2010.039	5.08	Malpighian tubule	2R:+:1288760-1288810;2R:+:1288760-1288810	exon=> In CDS Exon 5 of transcript AGAP001200-PA;exon=> In CDS Exon 4 of transcript AGAP001200-PB

JHU_Ag_116347	YLLGPLGMK	AGAP001200-PA,AGAP001200-PB	M8(Oxidation)	41	0.000778037	1	1007.559	-0.33	Ovary	2R:+:1290645-1290671;2R:+:1290645-1290671	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_116633	GLAELTNENGAYCK	AGAP001200-PA,AGAP001200-PB	C13(Carbamidomethyl)	95	3.66E-09	1	1539.711	0.09	Visceras	2R:+:1290915-1290956;2R:+:1290915-1290956	exon=> In CDS Exon 7 of transcript AGAP001200-PA;exon=> In CDS Exon 6 of transcript AGAP001200-PB
JHU_Ag_116645	LAIHDSNQGDGALYR	AGAP001200-PA,AGAP001200-PB	-	117	3.32E-11	1	1629.800	1.2	Head	2R:+:1285955-1285999;2R:+:1285955-1285999	exon=> In CDS Exon 2 of transcript AGAP001200-PA;exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_116983	DGMLAHVGVPEVVETEDHLQAIR	AGAP001200-PA,AGAP001200-PB	-	89	1.79E-08	1	2515.266	1.77	Visceras	2R:+:1286846-1286914;2R:+:1286846-1286914	exon=> In CDS Exon 3 of transcript AGAP001200-PA;exon=> In CDS Exon 2 of transcript AGAP001200-PB
JHU_Ag_117117	RLALGSVQCVADCPSASLPK	AGAP001200-PA,AGAP001200-PB	C9(Carbamidomethyl), C13(Carbamidomethyl)	83	7.51E-08	1	2129.092	3.69	Malpighian tubule	2R:+:1289517-1289576;2R:+:1289517-1289576	exon=> In CDS Exon 6 of transcript AGAP001200-PA;exon=> In CDS Exon 5 of transcript AGAP001200-PB
JHU_Ag_17236	ADGVISIK	AGAP001200-PB	N-Term(Acetyl)	46	0.000506703	1	844.480	2.42	Head	2R:+:1285931-1285954	exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_69873	ADGVISIK	AGAP001200-PB	N-Term(Acetyl)	66	4.38E-06	2	844.479	2.19	Malpighian tubule	2R:+:1285931-1285954	exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_99074	ADGVISIKLAIHDSNQGDGALYR	AGAP001200-PB	N-Term(Acetyl)	127	2.03E-12	1	2455.268	4.04	Malpighian tubule	2R:+:1285931-1285999	exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_106431	ADGVISIK	AGAP001200-PB	N-Term(Acetyl)	47	0.000351361	1	844.479	1.48	Ovary	2R:+:1285931-1285954	exon=> In CDS Exon 1 of transcript AGAP001200-PB
JHU_Ag_67400	DSGIYECQVNTEPK	AGAP001201-PA,AGAP007759-PA	C7(Carbamidomethyl)	91	6.45E-09	1	1639.731	2.36	Head	2R:-:1317327-1317286;3R:+:368358-368399	exon=> In CDS Exon 2 of transcript AGAP001201-PA;exon=> In CDS Exon 3 of transcript AGAP007759-PA
JHU_Ag_10779	DELHAPYHEK	AGAP001203-PA	-	56	3.74E-05	1	1238.577	-2.81	Head	2R:+:1496696-1496725	exon=> In CDS Exon 1 of transcript AGAP001203-PA
JHU_Ag_16190	EFACDWWYNVK	AGAP001203-PA	C4(Carbamidomethyl)	48	8.67E-05	2	1517.658	4.21	Head	2R:+:1496954-1496986	exon=> In CDS Exon 1 of transcript AGAP001203-PA
JHU_Ag_57631	CEEAPSYYHLNADPEHNPFTPK	AGAP001203-PA	C1(Carbamidomethyl)	65	2.20E-06	1	2616.137	-3.51	Head	2R:+:1496987-1497052	exon=> In CDS Exon 1 of transcript AGAP001203-PA
JHU_Ag_13157	YLKPLDLSEK	AGAP001205-PA	-	28	0.012755177	1	1205.678	0.51	Midgut	2R:+:1512304-1512333	exon=> In CDS Exon 9 of transcript AGAP001205-PA
JHU_Ag_25693	SLFRPIASFAAIR	AGAP001205-PA	-	24	0.010669843	1	1448.838	0.34	Midgut	2R:+:1505806-1505815,1505895-1505923	exon=> In CDS Exon 3 and 4 of transcript AGAP001205-PA
JHU_Ag_114809	LIWTLPGR	AGAP001205-PA	-	36	0.000972882	2	955.572	-0.29	Midgut	2R:+:1509183-1509206	exon=> In CDS Exon 7 of transcript AGAP001205-PA
JHU_Ag_45277	YNTESAEFSTELQQLGLPK	AGAP001207-PA	-	89	2.12E-08	2	2155.066	4.77	Malpighian tubule	2R:+:1564022-1564078	exon=> In CDS Exon 3 of transcript AGAP001207-PA
JHU_Ag_48264	SILGEEIPEGEISKIYSITK	AGAP001207-PA	-	51	5.21E-05	1	2206.197	5.06	Malpighian tubule	2R:+:1563812-1563835,1563920-1563955	exon=> In CDS Exon 2 and 3 of transcript AGAP001207-PA
JHU_Ag_65109	YNTESAEFSTELQQLGLPK	AGAP001207-PA	-	90	1.90E-08	2	2155.057	0.7	Midgut	2R:+:1564022-1564078	exon=> In CDS Exon 3 of transcript AGAP001207-PA
JHU_Ag_79628	SILGEEIPEGEISK	AGAP001207-PA	-	34	0.007292672	1	1500.783	2.82	Head	2R:+:1563812-1563835,1563920-1563937	exon=> In CDS Exon 2 and 3 of transcript AGAP001207-PA
JHU_Ag_82622	IGIQNEIVDGLPR	AGAP001207-PA	-	73	2.77E-07	2	1423.798	5.16	Malpighian tubule	2R:+:1564226-1564264	exon=> In CDS Exon 3 of transcript AGAP001207-PA
JHU_Ag_101172	YNTESAEFSTELQQLGLPK	AGAP001207-PA	-	88	2.52E-08	2	2155.060	2.28	Head	2R:+:1564022-1564078	exon=> In CDS Exon 3 of transcript AGAP001207-PA
JHU_Ag_63806	VFDIDRDGVLSFVEIR	AGAP001209-PA	-	31	0.007381215	1	1879.995	1.99	Midgut	2R:-:1577978-1577931	exon=> In CDS Exon 3 of transcript AGAP001209-PA

JHU_Ag_890	ASINVDDAFFTLAR	AGAP001211-PA	-	90	1.23E-08	2	1539.782	0.91	Visceras	2R:+:1588572-1588613	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_3263	NIEENAAADVEK	AGAP001211-PA	-	66	3.09E-06	2	1302.617	0.07	Malpighian tubule	2R:+:1588336-1588371	exon=> In CDS Exon 3 of transcript AGAP001211-PA
JHU_Ag_4636	NIEENAAADVEK	AGAP001211-PA	-	50	0.000120514	1	1302.613	-3.03	Head	2R:+:1588336-1588371	exon=> In CDS Exon 3 of transcript AGAP001211-PA
JHU_Ag_9607	ASINVDDAFFTLAR	AGAP001211-PA	-	96	3.51E-09	2	1539.780	-0.2	Midgut	2R:+:1588572-1588613	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_21868	ASINVDDAFFTLAR	AGAP001211-PA	-	101	1.23E-09	1	1539.785	3.13	Malpighian tubule	2R:+:1588572-1588613	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_23321	ASINVDDAFFTLAR	AGAP001211-PA	-	114	4.90E-11	1	1539.783	1.47	Head	2R:+:1588572-1588613	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_33813	ASINVDDAFFTLAR	AGAP001211-PA	-	73	6.76E-07	2	1539.780	-0.2	Male reproductive organs	2R:+:1588572-1588613	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_48476	VRGEQLAVEYGIK	AGAP001211-PA	-	70	8.60E-07	1	1461.806	0.09	Male reproductive organs	2R:+:1588512-1588550	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_56654	GEQLAVEYGIK	AGAP001211-PA	-	40	0.001406895	1	1206.638	1.31	Male reproductive organs	2R:+:1588518-1588550	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_68074	NIEENAAADVEK	AGAP001211-PA	-	41	0.000852211	2	1302.614	-2.75	Salivary gland	2R:+:1588336-1588371	exon=> In CDS Exon 3 of transcript AGAP001211-PA
JHU_Ag_88912	ASINVDDAFFTLAR	AGAP001211-PA	-	61	1.16E-05	1	1539.776	-2.58	Salivary gland	2R:+:1588572-1588613	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_91892	ASINVDDAFFTLAR	AGAP001211-PA	-	115	4.00E-11	1	1539.782	1.31	Ovary	2R:+:1588572-1588613	exon=> In CDS Exon 4 of transcript AGAP001211-PA
JHU_Ag_64519	GFNVIGAHAPR	AGAP001212-PA,AGAP001212-PB	-	81	8.07E-08	2	1138.611	-0.25	Midgut	2R:+:1594878-1594910;2R:+:1594878-1594910	exon=> In CDS Exon 2 of transcript AGAP001212-PA;exon=> In CDS Exon 2 of transcript AGAP001212-PB
JHU_Ag_84700	NMLTAAQNLIEYGVR	AGAP001212-PA,AGAP001212-PB	M2(Oxidation)	119	2.00E-11	2	1708.868	-0.32	Midgut	2R:+:1595052-1595096;2R:+:1595052-1595096	exon=> In CDS Exon 3 of transcript AGAP001212-PA;exon=> In CDS Exon 3 of transcript AGAP001212-PB
JHU_Ag_115385	TWPHFDPMTDIVDQNSV	AGAP001212-PA,AGAP001212-PB	M8(Oxidation)	87	2.32E-08	1	2017.900	2.09	Midgut	2R:+:1595190-1595240;2R:+:1595190-1595240	exon=> In CDS Exon 3 of transcript AGAP001212-PA;exon=> In CDS Exon 3 of transcript AGAP001212-PB
JHU_Ag_7527	VKDQFIFETEK	AGAP001213-PA	-	53	6.40E-05	2	1383.716	0.34	Male reproductive organs	2R:+:1602029-1602061	exon=> In CDS Exon 4 of transcript AGAP001213-PA
JHU_Ag_38195	ANLEAPPAEEEELDELDDIDK	AGAP001213-PA	-	59	1.25E-05	2	2355.072	-0.11	Head	2R:+:1602218-1602280	exon=> In CDS Exon 4 of transcript AGAP001213-PA
JHU_Ag_46725	ENGDTAAAKPTTTAK	AGAP001213-PA	-	75	5.65E-07	1	1475.735	0.99	Head	2R:+:1600112-1600156	exon=> In CDS Exon 1 of transcript AGAP001213-PA
JHU_Ag_77947	KPAASSTVPAKENGDTAAAKPTTTAK	AGAP001213-PA	N13(Deamidated)	38	0.001507722	1	2514.309	1.89	Head	2R:+:1600079-1600156	exon=> In CDS Exon 1 of transcript AGAP001213-PA
JHU_Ag_98420	LEDDDDENAEAK	AGAP001213-PA	-	83	1.38E-08	2	1363.550	0.33	Head	2R:+:1603558-1603593	exon=> In CDS Exon 7 of transcript AGAP001213-PA
JHU_Ag_7167	EIVDVVLDR	AGAP001219-PA	-	70	1.30E-06	2	1057.588	-0.76	Male reproductive organs	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_7909	EIVDVVLDR	AGAP001219-PA	-	61	1.10E-05	2	1057.589	-0.06	Malpighian tubule	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_9227	AYHEQLSVAEITNACFEPANQMVK	AGAP001219-PA	C15(Carbamidomethyl), M22(Oxidation)	76	2.87E-07	1	2766.278	-2.96	Midgut	2R:+:1623614-1623685	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_15163	GHYTIGKEIVDVVLDR	AGAP001219-PA	-	140	7.76E-14	1	1813.986	2.76	Malpighian tubule	2R:+:1623089-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_16939	GHYTIGKEIVDVVLDR	AGAP001219-PA	-	74	3.21E-07	1	1813.983	1.24	Male reproductive organs	2R:+:1623089-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_17272	AYHEQLSVAEITNACFEPANQMVK	AGAP001219-PA	C15(Carbamidomethyl), M22(Oxidation)	104	4.85E-10	1	2766.287	0.15	Ovary	2R:+:1623614-1623685	exon=> In CDS Exon 2 of transcript AGAP001219-PA

JHU_Ag_18041	AYHEQLSVAEITNACFEPANQMVK	AGAP001219-PA	C15(Carbamidomethyl), M22(Oxidation),C15(Carbamidomethyl)	112	7.35E-11	1	2750.297	2.19	Head	2R:+:1623614-1623685	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_36104	EIVDVVLDR	AGAP001219-PA	-	61	8.33E-06	2	1057.592	3.05	Larva	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_46793	GHYTIGKEIVDVVLDR	AGAP001219-PA	-	57	1.56E-05	1	1813.987	3.36	Ovary	2R:+:1623089-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_51306	EDLAALEKDYEEVGMDSGEGEGEGAEEY	AGAP001219-PA	M15(Oxidation)	123	6.97E-13	1	3037.222	-1.51	Salivary gland	2R:+:1624040-1624123	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_53597	DYEEVGMDSGEGEGEGAEEY	AGAP001219-PA	M7(Oxidation)	89	4.67E-10	2	2167.778	0.44	Salivary gland	2R:+:1624064-1624123	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_72498	EIVDVVLDR	AGAP001219-PA	-	62	9.53E-06	2	1057.589	-0.3	Visceras	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_74823	DYEEVGMDSGEGEGEGAEEY	AGAP001219-PA	M7(Oxidation)	133	1.98E-14	1	2167.779	1.01	Ovary	2R:+:1624064-1624123	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_78888	EIVDVVLDR	AGAP001219-PA	-	71	1.13E-06	2	1057.588	-0.41	Salivary gland	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_83573	EIVDVVLDR	AGAP001219-PA	-	60	1.48E-05	2	1057.589	0.4	Midgut	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_83616	AYHEQLSVAEITNACFEPANQMVK	AGAP001219-PA	C15(Carbamidomethyl), M22(Oxidation),C15(Carbamidomethyl)	45	0.000333011	3	2750.284	-2.67	Visceras	2R:+:1623614-1623685	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_85241	EIVDVVLDR	AGAP001219-PA	-	57	2.87E-05	1	1057.589	0.28	Ovary	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_86190	AYHEQLSVAEITNACFEPANQMVK	AGAP001219-PA	C15(Carbamidomethyl), M22(Oxidation),C15(Carbamidomethyl),"N13(Deamidated), C15(Carbamidomethyl), M22(Oxidation)"	110	1.16E-10	1	2766.292	1.94	Salivary gland	2R:+:1623614-1623685	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_86820	EIVDVVLDR	AGAP001219-PA	-	71	1.19E-06	2	1057.589	0.51	Pupa	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_94615	AYHEQLSVAEITNACFEPANQMVK	AGAP001219-PA	C15(Carbamidomethyl), M22(Oxidation),C15(Carbamidomethyl)	109	1.66E-10	1	2750.304	4.41	Malpighian tubule	2R:+:1623614-1623685	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_98445	EIVDVVLDRIR	AGAP001219-PA	-	60	4.50E-06	1	1326.777	1.87	Malpighian tubule	2R:+:1623110-1623142	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_103040	MRECISVHVGQAGVQIGNACWELYCLEHGIQPDGQMPSDK	AGAP001219-PA	M1(Oxidation), C4(Carbamidomethyl), C20(Carbamidomethyl), C25(Carbamidomethyl), M36(Oxidation)	66	2.10E-06	1	4602.099	5.72	Salivary gland	2R:+:1622022-1622024,1622777-1622893	exon=> In CDS Exon 1 and 2 of transcript AGAP001219-PA
JHU_Ag_104275	AYHEQLSVAEITNACFEPANQMVK	AGAP001219-PA	C15(Carbamidomethyl), M22(Oxidation)	77	2.22E-07	1	2766.279	-2.56	Male reproductive organs	2R:+:1623614-1623685	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_112294	EIVDVVLDR	AGAP001219-PA	-	71	1.06E-06	2	1057.590	0.74	Head	2R:+:1623110-1623136	exon=> In CDS Exon 2 of transcript AGAP001219-PA
JHU_Ag_393	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	-	63	2.94E-06	1	1410.774	-0.38	Male reproductive organs	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_1351	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)	62	7.43E-07	1	1299.498	-1.02	Male reproductive organs	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_1720	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	71	1.03E-06	1	1874.981	-1.41	Head	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_1773	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	105	4.28E-10	2	2409.213	1.7	Midgut	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_2346	GHYTIGK	AGAP001219-PA,AGAP010971-PA	-	53	0.000114244	1	775.414	6.04	Salivary gland	2R:+:1623089-1623109;3L:-:14342408-14342388	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_3095	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	102	8.42E-10	1	2409.214	2.21	Pupa	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_4313	FDLMYAK	AGAP001219-PA,AGAP010971-PA	M4(Oxidation)	42	0.000417392	1	887.435	1.68	Malpighian tubule	2R:+:1623956-1623976;3L:-:14341541-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_4381	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	103	1.21E-10	2	1457.869	0.52	Midgut	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_6382	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	109	1.52E-10	1	1687.890	0.12	Ovary	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_7061	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	N4(Deamidated),Q6(Deamidated)	80	8.39E-08	1	1824.985	-0.33	Head	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_7229	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	119	3.00E-12	1	1457.872	2.28	Pupa	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_7640	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	-	104	2.82E-10	1	1824.986	0.01	Ovary	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_7992	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	152	9.19E-15	1	2415.207	0.6	Head	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_8944	DVNAAIATIKTK	AGAP001219-PA,AGAP010971-PA	-	34	0.001820922	1	1244.722	1.12	Salivary gland	2R:+:1623752-1623787;3L:-:14341745-14341710	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_9024	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	36	0.000570442	2	1267.509	-0.4	Visceras	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_9139	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation),C3(Carbamidomethyl)	147	3.15E-14	1	1864.905	0.04	Salivary gland	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_9373	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	86	4.05E-08	1	1015.577	-1.14	Head	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_9881	VGINYQPPTVVPGGDLAKVQR	AGAP001219-PA,AGAP010971-PA	-	48	6.14E-05	1	2208.217	1.5	Malpighian tubule	2R:+:1623830-1623892;3L:-:14341667-14341605	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_11036	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	109	6.99E-11	1	1784.996	0.93	Salivary gland	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_12053	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	125	4.10E-12	1	2409.221	5.14	Malpighian tubule	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_12090	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	N17(Deamidated),N18(Deamidated)	160	1.44E-15	1	2415.209	1.74	Malpighian tubule	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_12184	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation),C3(Carbamidomethyl)	138	2.35E-13	1	1880.901	0.6	Midgut	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_13921	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	84	6.63E-08	1	1598.764	-1.9	Midgut	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_14065	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	61	1.69E-05	2	888.467	-0.42	Malpighian tubule	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_14457	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	118	9.27E-12	1	1784.999	2.44	Head	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_16081	RTIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C9(Carbamidomethyl)	66	3.58E-06	2	1754.875	3.6	Ovary	2R:+:1623788-1623829;3L:-:14341709-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_16823	TIQFVDWCPTGFKVGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	62	4.57E-06	1	3404.773	11.06	Malpighian tubule	2R:+:1623791-1623883;3L:-:14341706-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_16937	RTIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C9(Carbamidomethyl)	84	5.41E-08	1	1754.874	3.1	Malpighian tubule	2R:+:1623788-1623829;3L:-:14341709-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_17179	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	41	0.000571904	1	909.503	-1.17	Ovary	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_17337	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	86	4.13E-08	1	1718.885	1.8	Malpighian tubule	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_18004	LSVDYGK	AGAP001219-PA,AGAP010971-PA	-	42	0.000441909	1	781.408	-0.82	Head	2R:+:1623242-1623262;3L:-:14342255-14342235	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_20452	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	Q3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	85	5.02E-08	1	1598.770	1.84	Head	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_20465	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	77	3.42E-07	1	1718.886	2.51	Male reproductive organs	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_21177	KLADQCTGLQGFLIFHSFGGGTGSGFTSLLMER	AGAP001219-PA,AGAP010971-PA	C6(Carbamidomethyl), M31(Oxidation)	45	0.000381352	1	3548.723	-1.96	Salivary gland	2R:+:1623143-1623241;3L:-:14342354-14342256	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_21858	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	-	153	4.90E-15	1	2007.895	0.96	Pupa	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_22014	RTIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C9(Carbamidomethyl)	61	1.17E-05	1	1754.871	1.51	Salivary gland	2R:+:1623788-1623829;3L:-:14341709-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_22969	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	167	2.80E-16	1	2415.205	0	Male reproductive organs	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_23215	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	N10(Deamidated)	153	4.63E-15	1	2007.891	-1.29	Male reproductive organs	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_23862	LDHKFDLMYAK	AGAP001219-PA,AGAP010971-PA	-	68	2.90E-06	1	1380.698	0.24	Pupa	2R:+:1623944-1623976;3L:-:14341553-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_24062	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	76	3.84E-07	1	1015.578	-0.72	Salivary gland	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_25542	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	124	9.78E-13	1	1457.871	1.61	Male reproductive organs	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_26814	FDLMYAK	AGAP001219-PA,AGAP010971-PA	M4(Oxidation)	43	0.000311306	1	887.432	-1.28	Head	2R:+:1623956-1623976;3L:-:14341541-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_27058	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	79	2.36E-07	2	888.468	0.47	Ovary	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_27328	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	128	2.22E-12	1	2409.208	-0.23	Head	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_27336	TGTYRQLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	Q6(Deamidated)	35	0.0046167	1	1990.010	-14.83	Head	2R:+:1623011-1623061;3L:-:14342486-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_27659	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	85	5.23E-08	1	1598.769	1.08	Ovary	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_27793	LDHKFDLMYAK	AGAP001219-PA,AGAP010971-PA	M8(Oxidation)	64	6.17E-06	1	1396.692	-0.82	Ovary	2R:+:1623944-1623976;3L:-:14341553-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_28677	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	41	0.000511986	1	909.503	-0.83	Midgut	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_29556	LDHKFDLMYAK	AGAP001219-PA,AGAP010971-PA	M8(Oxidation)	67	3.37E-06	1	1396.692	-0.75	Male reproductive organs	2R:+:1623944-1623976;3L:-:14341553-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_30144	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	-	54	2.29E-05	2	1410.775	0.39	Visceras	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_30346	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	-	56	1.49E-05	1	1410.773	-0.82	Malpighian tubule	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_30412	LADQCTGLQGFLIFHSFGGGTGSGFTSLLMER	AGAP001219-PA,AGAP010971-PA	C5(Carbamidomethyl),M30(Oxidation),C5(Carbamidomethyl)	191	1.12E-18	1	3420.640	1.41	Head	2R:+:1623146-1623241;3L:-:14342351-14342256	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_30640	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	-	55	1.89E-05	1	1410.771	-2	Ovary	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_31358	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	90	1.40E-08	1	2409.223	5.95	Larva	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_31503	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	120	5.55E-12	1	1784.996	0.73	Ovary	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_33700	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	-	139	1.05E-13	1	2007.896	1.2	Malpighian tubule	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_33960	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	91	1.17E-08	1	2415.211	2.27	Pupa	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_34218	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	119	2.95E-12	1	1457.871	1.86	Visceras	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_34696	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	126	8.27E-13	1	1457.868	-0.32	Ovary	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_35002	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	-	61	6.73E-06	2	1824.986	0.21	Male reproductive organs	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_35041	GHYTIGK	AGAP001219-PA,AGAP010971-PA	-	48	0.000350079	1	775.409	-0.41	Head	2R:+:1623089-1623109;3L:-:14342408-14342388	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_36484	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	108	8.61E-11	1	1784.997	1.07	Visceras	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_36508	LSVDYGK	AGAP001219-PA,AGAP010971-PA	-	42	0.000716648	1	781.410	0.67	Malpighian tubule	2R:+:1623242-1623262;3L:-:14342255-14342235	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_37421	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	117	2.90E-11	2	1687.890	-0.02	Midgut	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_38259	LDHKFDLMYAK	AGAP001219-PA,AGAP010971-PA	M8(Oxidation)	56	4.40E-05	1	1396.698	3.7	Larva	2R:+:1623944-1623976;3L:-:14341553-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_38715	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	96	1.48E-09	1	1784.995	0.45	Male reproductive organs	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_39003	GDVVPKDVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	83	1.56E-08	1	1610.914	1.97	Malpighian tubule	2R:+:1623734-1623781;3L:-:14341763-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_39314	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	90	1.33E-08	1	1598.767	-0.3	Male reproductive organs	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_40458	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	-	57	1.09E-05	1	1410.775	0.47	Midgut	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_40988	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	107	2.24E-10	1	1687.895	2.94	Head	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_41609	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	94	5.92E-09	2	2409.212	1.39	Male reproductive organs	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_41610	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	47	0.000123404	2	909.507	3.26	Salivary gland	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_43349	LADQCTGLQGFLIFHSFGGGTGSGFTSLLMER	AGAP001219-PA,AGAP010971-PA	C5(Carbamidomethyl), M30(Oxidation)	213	6.31E-21	1	3420.629	-1.7	Ovary	2R:+:1623146-1623241;3L:-:14342351-14342256	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_44408	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	78	1.75E-07	1	1687.900	5.76	Larva	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_44452	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	72	9.26E-07	1	1718.879	-1.96	Pupa	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_44549	RTIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C9(Carbamidomethyl)	73	7.68E-07	1	1754.871	1.3	Head	2R:+:1623788-1623829;3L:-:14341709-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_45351	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation)	152	9.49E-15	1	1880.907	4.24	Larva	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_45371	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation),C3(Carbamidomethyl)	96	3.85E-09	1	1880.897	-1.35	Pupa	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_46339	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	-	72	4.32E-07	2	1824.985	-0.53	Midgut	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_46866	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	67	3.15E-06	1	1015.576	-1.86	Ovary	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_46913	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	-	143	4.95E-14	1	2007.898	2.24	Larva	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_48029	LSVDYGK	AGAP001219-PA,AGAP010971-PA	-	43	0.000520362	1	781.410	0.75	Salivary gland	2R:+:1623242-1623262;3L:-:14342255-14342235	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_48500	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	54	8.02E-05	1	888.467	0.01	Male reproductive organs	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_49243	GHYTIGK	AGAP001219-PA,AGAP010971-PA	-	54	8.07E-05	1	775.419	11.71	Male reproductive organs	2R:+:1623089-1623109;3L:-:14342408-14342388	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_49247	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl),"M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)","C4(Carbamidomethyl), C5(Carbamidomethyl)","C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)"	67	4.37E-07	1	1267.509	-0.4	Salivary gland	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_49598	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	50	0.000112869	1	1874.982	-0.43	Midgut	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_50071	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	70	1.19E-06	1	1874.986	1.43	Male reproductive organs	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_50134	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	95	5.02E-09	1	2415.213	3.11	Ovary	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_50650	FDLMYAK	AGAP001219-PA,AGAP010971-PA	M4(Oxidation)	45	0.000344924	1	903.429	1.47	Male reproductive organs	2R:+:1623956-1623976;3L:-:14341541-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_50868	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	55	3.76E-05	1	1874.983	-0.34	Malpighian tubule	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_52708	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	105	1.85E-10	1	1784.999	2.44	Pupa	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_53606	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	115	2.09E-11	1	1784.992	-1.39	Midgut	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_54838	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	110	4.60E-11	1	1785.000	2.98	Malpighian tubule	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_57045	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	58	2.06E-05	1	1874.982	-0.82	Pupa	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_57355	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	82	9.75E-08	1	1718.881	-0.54	Midgut	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_57532	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	133	8.39E-13	1	2409.211	0.99	Salivary gland	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_57769	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	-	134	3.59E-13	2	2007.894	0.47	Midgut	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_58558	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	56	5.92E-05	1	888.469	1.45	Larva	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_58888	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	86	4.20E-08	1	1598.771	2.53	Pupa	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_60397	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	N1(Deamidated),N11(Deamidated)	93	8.89E-09	1	1718.885	1.87	Head	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_60652	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	149	1.86E-14	1	2415.209	1.59	Visceras	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_61313	AFVHWYVGEGMEEGEFSEAREDLAALEK	AGAP001219-PA,AGAP010971-PA	M11(Oxidation)	126	3.09E-12	1	3215.464	0.33	Malpighian tubule	2R:+:1623980-1624063;3L:-:14341517-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_61444	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	Q6(Deamidated)	65	2.44E-06	1	1824.988	1.34	Pupa	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_62459	AFVHWYVGEGMEEGEFSEAREDLAALEK	AGAP001219-PA,AGAP010971-PA	M11(Oxidation)	89	1.78E-08	1	3215.467	1.37	Salivary gland	2R:+:1623980-1624063;3L:-:14341517-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_63035	AVFVDLEPTVVDEVRTGTYR	AGAP001219-PA,AGAP010971-PA	-	61	7.81E-06	1	2266.178	2.9	Malpighian tubule	2R:+:1622966-1623025;3L:-:14342531-14342472	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_63596	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	106	2.94E-10	1	1687.895	2.87	Malpighian tubule	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_63604	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	76	4.05E-07	1	1718.891	5.07	Larva	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_65312	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	39	0.002007666	2	1015.578	0.12	Visceras	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_66850	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	N10(Deamidated)	157	1.82E-15	1	2007.895	0.78	Head	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_69938	LSVDYGK	AGAP001219-PA,AGAP010971-PA	-	43	0.000556296	1	781.409	-0.43	Ovary	2R:+:1623242-1623262;3L:-:14342255-14342235	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_69979	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	-	65	2.23E-06	1	1824.994	4.82	Larva	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_70370	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation)	147	2.90E-14	1	1880.901	0.67	Ovary	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_70727	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	71	1.12E-06	1	1015.579	0.42	Malpighian tubule	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_71056	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	76	3.77E-07	1	1015.583	4.51	Larva	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_71275	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	62	8.62E-06	2	1015.578	0.06	Midgut	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_71814	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	-	51	4.59E-05	1	1410.776	1.25	Pupa	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_72198	GHYTIGK	AGAP001219-PA,AGAP010971-PA	-	43	0.001247861	1	775.410	-0.18	Malpighian tubule	2R:+:1623089-1623109;3L:-:14342408-14342388	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_72495	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	44	0.000224841	2	909.504	-0.3	Male reproductive organs	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_73202	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	75	4.29E-07	1	2415.213	3.41	Larva	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_73734	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	86	3.17E-08	2	1687.891	0.56	Male reproductive organs	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_74275	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	110	2.21E-11	1	1457.873	2.7	Malpighian tubule	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_75280	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	41	0.000472422	1	909.507	2.86	Larva	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_75464	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	41	0.000503356	1	909.504	0.04	Pupa	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_75993	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	Q7(Deamidated),Q1(Deamidated)	74	2.59E-07	1	1410.776	1.08	Head	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_76604	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	85	8.45E-08	2	888.466	-2.07	Head	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_76906	LDHKFDLMYAK	AGAP001219-PA,AGAP010971-PA	M8(Oxidation)	73	8.71E-07	1	1380.695	-2.14	Midgut	2R:+:1623944-1623976;3L:-:14341553-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_76987	KLADQCTGLQGFLIFHSFGGGTGSGFTSLLMER	AGAP001219-PA,AGAP010971-PA	C6(Carbamidomethyl),M31(Oxidation)	43	0.000518024	1	3548.744	3.97	Malpighian tubule	2R:+:1623143-1623241;3L:-:14342354-14342256	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_77172	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	105	4.46E-10	2	1687.893	1.64	Visceras	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_77556	LSVDYGK	AGAP001219-PA,AGAP010971-PA	-	38	0.001588972	1	781.414	6.06	Male reproductive organs	2R:+:1623242-1623262;3L:-:14342255-14342235	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_78595	LDHKFDLMYAK	AGAP001219-PA,AGAP010971-PA	M8(Oxidation)	75	4.53E-07	1	1380.700	1.64	Salivary gland	2R:+:1623944-1623976;3L:-:14341553-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_80788	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	N3(Deamidated)	77	2.95E-07	1	1015.578	0	Male reproductive organs	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_81417	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	Q6(Deamidated)	103	3.52E-10	1	1824.990	2.21	Salivary gland	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_81752	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl),M4(Oxidation),C3(Carbamidomethyl)	141	1.30E-13	1	1880.904	2.29	Malpighian tubule	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_81873	RTIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C9(Carbamidomethyl)	67	2.91E-06	1	1754.868	-0.23	Male reproductive organs	2R:+:1623788-1623829;3L:-:14341709-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_82208	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	95	5.29E-09	1	1598.771	2.45	Malpighian tubule	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_82483	KLADQCTGLQGFLIFHSFGGGTGSGFTSLLMER	AGAP001219-PA,AGAP010971-PA	C6(Carbamidomethyl),M31(Oxidation)	47	0.000203364	1	3548.737	2.03	Male reproductive organs	2R:+:1623143-1623241;3L:-:14342354-14342256	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_83308	LADQCTGLQGFLIFHSFGGGTGSGFTSLLMER	AGAP001219-PA,AGAP010971-PA	C5(Carbamidomethyl),M30(Oxidation),C5(Carbamidomethyl)	251	9.25E-25	1	3404.643	0.64	Salivary gland	2R:+:1623146-1623241;3L:-:14342351-14342256	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_84221	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	94	5.86E-09	1	1598.768	0.47	Salivary gland	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_84701	FDLMYAK	AGAP001219-PA,AGAP010971-PA	M4(Oxidation)	45	0.000209191	2	903.428	0.11	Salivary gland	2R:+:1623956-1623976;3L:-:14341541-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_85918	RTIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C9(Carbamidomethyl)	52	8.90E-05	1	1754.868	-0.09	Visceras	2R:+:1623788-1623829;3L:-:14341709-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_86329	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	74	6.40E-07	1	1598.773	3.9	Larva	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_86606	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl),"M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)","C4(Carbamidomethyl), C5(Carbamidomethyl)","C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)"	56	5.32E-06	1	1283.506	1.47	Malpighian tubule	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_86611	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	46	0.000552398	1	888.467	-0.48	Pupa	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_87360	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)	54	4.91E-06	1	1299.502	2.27	Larva	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_89783	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	74	6.34E-07	1	1718.883	0.41	Ovary	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_90076	IHFPLVTYAPVISAEK	AGAP001219-PA,AGAP010971-PA	-	77	9.65E-08	1	1785.002	4.28	Larva	2R:+:1623566-1623613;3L:-:14341931-14341884	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_90591	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	61	9.11E-06	1	1874.984	0.45	Visceras	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_91060	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	-	69	9.44E-07	1	1824.987	1.08	Visceras	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_91708	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	C4(Carbamidomethyl), C5(Carbamidomethyl),"M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)"	41	0.000181222	2	1267.509	-0.21	Head	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_91756	YMACCMLYRGDVVPK	AGAP001219-PA,AGAP010971-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	52	7.00E-05	1	1862.847	2.58	Malpighian tubule	2R:+:1623707-1623751;3L:-:14341790-14341746	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_92262	TIQFVDWCPTGFK	AGAP001219-PA,AGAP010971-PA	C8(Carbamidomethyl)	95	5.26E-09	1	1598.771	2.6	Visceras	2R:+:1623791-1623829;3L:-:14341706-14341668	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_93509	DVNAAIATIK	AGAP001219-PA,AGAP010971-PA	-	86	4.04E-08	1	1015.579	0.54	Pupa	2R:+:1623752-1623781;3L:-:14341745-14341716	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_93972	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	79	2.17E-07	1	1718.884	1.23	Salivary gland	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_94070	VGINYQPPTVVPGGDLAK	AGAP001219-PA,AGAP010971-PA	-	99	7.88E-10	1	1824.992	3.48	Malpighian tubule	2R:+:1623830-1623883;3L:-:14341667-14341614	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_94174	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	170	1.59E-16	1	2415.203	-0.76	Salivary gland	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_95450	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	93	6.44E-09	1	1687.898	4.39	Pupa	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_96053	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	75	3.69E-07	1	1874.984	0.45	Salivary gland	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_96151	QLFHPEQLITGK	AGAP001219-PA,AGAP010971-PA	-	65	1.95E-06	1	1410.776	1.25	Salivary gland	2R:+:1623026-1623061;3L:-:14342471-14342436	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_96442	AVFVDLEPTVVDEVR	AGAP001219-PA,AGAP010971-PA	-	116	3.13E-11	1	1687.893	1.71	Salivary gland	2R:+:1622966-1623010;3L:-:14342531-14342487	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_96545	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	-	143	4.38E-14	1	2007.892	-0.62	Salivary gland	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_96883	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	124	9.71E-13	1	1457.872	2.62	Head	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_98260	SKLEFAIYPAPQVSTAVVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICR	AGAP001219-PA,AGAP010971-PA	C36(Carbamidomethyl), M39(Oxidation), C49(Carbamidomethyl)	30	0.005703629	1	5732.672	-8.99	Head	2R:+:1623266-1623415;3L:-:14342231-14342082	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_99575	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	54	2.28E-05	1	909.504	-0.36	Malpighian tubule	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_100154	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)	33	0.000497042	1	1299.499	0.3	Midgut	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_100381	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation),C3(Carbamidomethyl)	146	3.79E-14	1	1880.902	1.44	Visceras	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_100898	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	-	153	4.79E-15	1	2007.893	-0.2	Visceras	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_101944	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation),C3(Carbamidomethyl)	145	4.79E-14	1	1880.898	-0.63	Head	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_102426	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	124	9.31E-13	1	1457.874	3.7	Salivary gland	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_102876	NLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	73	7.56E-07	1	1718.880	-0.97	Visceras	2R:+:1623419-1623460;3L:-:14342078-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_103042	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	Q13(Deamidated)	112	8.80E-11	2	2409.213	1.7	Visceras	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_104271	AVCMLSNTTAIAEAWAR	AGAP001219-PA,AGAP010971-PA	C3(Carbamidomethyl), M4(Oxidation),C3(Carbamidomethyl)	142	1.01E-13	1	1880.899	-0.11	Male reproductive organs	2R:+:1623893-1623943;3L:-:14341604-14341554	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_106091	TIGGGDDSFNTFFSETGAGK	AGAP001219-PA,AGAP010971-PA	-	141	7.05E-14	2	2007.900	3.63	Ovary	2R:+:1622894-1622953;3L:-:14342603-14342544	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_106663	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	47	0.000579037	1	888.466	-0.96	Midgut	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_106723	RNLDIERPTYTNLNR	AGAP001219-PA,AGAP010971-PA	-	64	4.97E-06	1	1874.990	3.57	Ovary	2R:+:1623416-1623460;3L:-:14342081-14342037	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_106750	EDLAALEK	AGAP001219-PA,AGAP010971-PA	-	58	3.25E-05	2	888.467	-0.56	Salivary gland	2R:+:1624040-1624063;3L:-:14341457-14341434	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA

JHU_Ag_107271	FDGALNVDLTEFQTNLVPYPR	AGAP001219-PA,AGAP010971-PA	-	132	8.12E-13	1	2409.214	2.31	Ovary	2R:+:1623503-1623565;3L:-:14341994-14341932	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_107964	LIGQIVSSITASLR	AGAP001219-PA,AGAP010971-PA	-	115	7.60E-12	1	1457.877	5.71	Larva	2R:+:1623461-1623502;3L:-:14342036-14341995	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_110168	FDLMYAK	AGAP001219-PA,AGAP010971-PA	M4(Oxidation)	49	0.000144452	2	903.429	1.33	Ovary	2R:+:1623956-1623976;3L:-:14341541-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_110375	LSVDYGK	AGAP001219-PA,AGAP010971-PA	-	43	0.000399331	1	781.408	-1.6	Pupa	2R:+:1623242-1623262;3L:-:14342255-14342235	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_111466	FDLMYAK	AGAP001219-PA,AGAP010971-PA	-	47	0.000113605	2	887.433	0.3	Visceras	2R:+:1623956-1623976;3L:-:14341541-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_113394	GHYTIGK	AGAP001219-PA,AGAP010971-PA	-	45	0.000742703	1	775.410	0.45	Ovary	2R:+:1623089-1623109;3L:-:14342408-14342388	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_113479	QLFHPEQLITGKEDAANNYAR	AGAP001219-PA,AGAP010971-PA	-	77	2.91E-07	1	2415.203	-0.99	Midgut	2R:+:1623026-1623088;3L:-:14342471-14342409	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_113696	LDHKFDLMYAK	AGAP001219-PA,AGAP010971-PA	M8(Oxidation)	88	2.40E-08	1	1380.697	-0.65	Malpighian tubule	2R:+:1623944-1623976;3L:-:14341553-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_114033	YMACCMLYR	AGAP001219-PA,AGAP010971-PA	M2(Oxidation), C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)	52	7.58E-06	1	1299.500	0.95	Ovary	2R:+:1623707-1623733;3L:-:14341790-14341764	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_116448	FDLMYAK	AGAP001219-PA,AGAP010971-PA	M4(Oxidation)	40	0.000915638	2	903.430	2.41	Larva	2R:+:1623956-1623976;3L:-:14341541-14341521	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_116567	LSVDYGKK	AGAP001219-PA,AGAP010971-PA	-	42	0.00037699	1	909.506	1.78	Head	2R:+:1623242-1623265;3L:-:14342255-14342232	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_10264	EDAANNYAR	AGAP001219-PA,AGAP010971-PA,AGAP003237-PA	-	54	3.68E-05	2	1023.461	11.66	Male reproductive organs	2R:+:1623062-1623088;3L:-:14342435-14342409;2R:+:34318088-34318114	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP003237-PA
JHU_Ag_13494	EDAANNYAR	AGAP001219-PA,AGAP010971-PA,AGAP003237-PA	-	57	1.78E-05	2	1023.449	-0.51	Salivary gland	2R:+:1623062-1623088;3L:-:14342435-14342409;2R:+:34318088-34318114	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP003237-PA

JHU_Ag_52288	EDAANNYAR	AGAP001219-PA,AGAP010971-PA,AGAP003237-PA	-	53	3.68E-05	2	1023.446	-2.77	Head	2R:+:1623062-1623088;3L:-:14342435-14342409;2R:+:34318088-34318114	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP003237-PA
JHU_Ag_77087	EDAANNYAR	AGAP001219-PA,AGAP010971-PA,AGAP003237-PA	-	41	0.000599922	2	1023.448	-1.46	Ovary	2R:+:1623062-1623088;3L:-:14342435-14342409;2R:+:34318088-34318114	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP003237-PA
JHU_Ag_109079	EDAANNYAR	AGAP001219-PA,AGAP010971-PA,AGAP003237-PA	-	33	0.003502176	2	1023.446	-2.65	Midgut	2R:+:1623062-1623088;3L:-:14342435-14342409;2R:+:34318088-34318114	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP003237-PA
JHU_Ag_22899	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M11(Oxidation)	98	8.51E-10	1	2346.011	-0.99	Larva	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_26714	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M11(Oxidation)	115	1.96E-11	1	2346.018	1.82	Head	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_34944	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	-	80	8.17E-08	1	2330.020	0.7	Visceras	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_38435	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M11(Oxidation)	51	4.42E-05	1	2346.020	2.83	Pupa	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_42185	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M11(Oxidation)	103	2.72E-10	1	2346.018	2.13	Salivary gland	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_46363	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M11(Oxidation)	119	5.78E-12	1	2346.007	-2.47	Male reproductive organs	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA

JHU_Ag_46775	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M11(Oxidation)	30	0.006101379	1	2346.016	0.96	Midgut	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_90423	AFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M11(Oxidation)	83	2.39E-08	1	2345.997	-7.08	Ovary	2R:+:1623980-1624039;3L:-:14341517-14341458;2L:-:43050297-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_116271	RAFVHWYVGEGMEEGEFSEAR	AGAP001219-PA,AGAP010971-PA,AGAP007122-PA	M12(Oxidation)	128	1.66E-12	1	2502.119	1.91	Salivary gland	2R:+:1623977-1624039;3L:-:14341520-14341458;2L:-:43050300-43050238	exon=> In CDS Exon 2 of transcript AGAP001219-PA;exon=> In CDS Exon 1 of transcript AGAP010971-PA;exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_7743	EADSALLLCTDVLAR	AGAP001223-PA	C9(Carbamidomethyl)	57	3.11E-05	2	1646.841	-0.25	Ovary	2R:-:1638431-1638387	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_36336	LQDLFER	AGAP001223-PA	Q2(Deamidated)	48	0.000232391	2	921.469	1.76	Malpighian tubule	2R:-:1638926-1638906	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_45347	LQDLFER	AGAP001223-PA	Q2(Deamidated)	52	9.77E-05	2	921.470	2.88	Larva	2R:-:1638926-1638906	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_48371	VATSYGLLQLPR	AGAP001223-PA	-	72	3.74E-07	1	1317.752	-0.05	Ovary	2R:-:1638017-1637982	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_53923	MVAMLEFISSQQIKK	AGAP001223-PA	-	32	0.004212277	1	1752.963	13.93	Visceras	2R:-:1638614-1638570	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_54334	ELATQIHDVLSEFLAHDELR	AGAP001223-PA	-	91	8.77E-09	1	2336.201	5.36	Ovary	2R:-:1639088-1639029	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_68312	LLQNYYLIVEPEQK	AGAP001223-PA	-	51	7.12E-05	2	1749.944	0.96	Ovary	2R:-:1638656-1638615	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_103615	LQDLFER	AGAP001223-PA	Q2(Deamidated)	40	0.001268049	2	921.468	-0.1	Ovary	2R:-:1638926-1638906	exon=> In CDS Exon 2 of transcript AGAP001223-PA
JHU_Ag_16864	NTQPVELYFRGEK	AGAP001224-PA	-	43	0.000727003	1	1580.813	4.03	Malpighian tubule	2R:+:1641139-1641177	exon=> In CDS Exon 1 of transcript AGAP001224-PA
JHU_Ag_35009	AGGPGSVVETPIPEGSTATAR	AGAP001224-PA	-	58	2.11E-05	1	1953.996	4	Malpighian tubule	2R:+:1641388-1641450	exon=> In CDS Exon 1 of transcript AGAP001224-PA
JHU_Ag_63986	AGGPGSVVETPIPEGSTATAR	AGAP001224-PA	-	56	3.11E-05	1	1953.990	1.06	Ovary	2R:+:1641388-1641450	exon=> In CDS Exon 1 of transcript AGAP001224-PA
JHU_Ag_29662	AGFNPVDMVEEDAADLQFPK	AGAP001228-PA,AGAP001228-PB	N-Term(Acetyl), M8(Oxidation)	59	1.74E-05	1	2251.025	1.12	Ovary	2R:-:1652882-1652823;2R:-:1652882-1652823	exon=> In CDS Exon 1 of transcript AGAP001228-PA;exon=> In CDS Exon 1 of transcript AGAP001228-PB
JHU_Ag_36601	FEDDELQQILDDIGTK	AGAP001228-PA,AGAP001228-PB	-	136	3.95E-13	1	1878.900	1.86	Ovary	2R:-:1652377-1652330;2R:-:1652377-1652330	exon=> In CDS Exon 2 of transcript AGAP001228-PA;exon=> In CDS Exon 3 of transcript AGAP001228-PB
JHU_Ag_88310	NQNESSEEEQEFSEVFHK	AGAP001228-PA,AGAP001228-PB	-	110	5.90E-11	1	2196.937	2.63	Ovary	2R:-:1652693-1652640;2R:-:1652693-1652640	exon=> In CDS Exon 1 of transcript AGAP001228-PA;exon=> In CDS Exon 2 of transcript AGAP001228-PB
JHU_Ag_108539	FELAALGNLCPASPEEAK	AGAP001228-PA,AGAP001228-PB	C10(Carbamidomethyl)	106	3.91E-10	1	1916.946	1.83	Ovary	2R:-:1652458-1652405;2R:-:1652458-1652405	exon=> In CDS Exon 2 of transcript AGAP001228-PA;exon=> In CDS Exon 3 of transcript AGAP001228-PB

JHU_Ag_44089	EFESAETLLISEVHMLLEHR	AGAP001228-PB	M15(Oxidation)	74	5.85E-07	1	2399.195	1.51	Ovary	2R:-:1652822-1652885,1652575-1652697	exon=> In CDS Exon 2 and 1 of transcript AGAP001228-PB
JHU_Ag_11610	MEDGKEEHQFVVDDVSK	AGAP001229-PA	N-Term(Acetyl), M1(Oxidation)	83	4.08E-08	1	2049.908	0.53	Ovary	2R:+:1653461-1653481,1654550-1654579	exon=> In CDS Exon 1 and 2 of transcript AGAP001229-PA
JHU_Ag_16674	EAIETTIGGNAYQHDK	AGAP001229-PA	-	56	3.97E-05	1	1746.839	5.25	Midgut	2R:+:1654589-1654636	exon=> In CDS Exon 2 of transcript AGAP001229-PA
JHU_Ag_19444	EAIETTIGGNAYQHDK	AGAP001229-PA	-	38	0.002394002	1	1746.832	1.5	Ovary	2R:+:1654589-1654636	exon=> In CDS Exon 2 of transcript AGAP001229-PA
JHU_Ag_39259	EAIETTIGGNAYQHDK	AGAP001229-PA	-	51	0.000142841	2	1746.836	3.5	Malpighian tubule	2R:+:1654589-1654636	exon=> In CDS Exon 2 of transcript AGAP001229-PA
JHU_Ag_43281	MEDGKEEHQFVVDDVSK	AGAP001229-PA	N-Term(Acetyl), M1(Oxidation)	87	1.89E-08	1	2049.911	1.7	Malpighian tubule	2R:+:1653461-1653481,1654550-1654579	exon=> In CDS Exon 1 and 2 of transcript AGAP001229-PA
JHU_Ag_90626	VNNWTGSVVESCLSVLTK	AGAP001229-PA	C12(Carbamidomethyl)	92	1.07E-08	2	1993.007	0.63	Midgut	2R:+:1654637-1654690	exon=> In CDS Exon 2 of transcript AGAP001229-PA
JHU_Ag_110313	VNNWTGSVVESCLSVLTK	AGAP001229-PA	C12(Carbamidomethyl)	103	7.48E-10	2	1993.011	2.59	Head	2R:+:1654637-1654690	exon=> In CDS Exon 2 of transcript AGAP001229-PA
JHU_Ag_9906	LDNVVTDLIQR	AGAP001232-PA	-	71	7.33E-07	1	1285.716	3.71	Salivary gland	2R:+:1747289-1747321	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_10284	NLALALHAFK	AGAP001232-PA	-	81	4.31E-08	1	1097.647	0.01	Salivary gland	2R:+:1746785-1746814	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_20248	LPNDAFVFLSINR	AGAP001232-PA	-	61	6.72E-06	1	1505.813	1.33	Pupa	2R:+:1746731-1746769	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_22796	LPVMTVGDWLPR	AGAP001232-PA	M4(Oxidation)	44	0.00041748	2	1399.742	1.37	Male reproductive organs	2R:+:1746266-1746301	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_28403	FFDETAIEESDQVVK	AGAP001232-PA	-	121	1.00E-11	2	1756.837	5.5	Salivary gland	2R:+:1746686-1746730	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_30201	FSFEAFSTK	AGAP001232-PA	-	52	0.000112304	2	1063.511	1.41	Salivary gland	2R:+:1747262-1747288	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_54926	IATDPDVLYPSLNTR	AGAP001232-PA	-	62	9.92E-06	2	1674.872	1.61	Male reproductive organs	2R:+:1746641-1746685	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_58339	LDNVVTDLIQR	AGAP001232-PA	Q10(Deamidated)	37	0.002759962	2	1286.697	1.42	Head	2R:+:1747289-1747321	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_62276	VLFVHPDLGIGGAER	AGAP001232-PA	-	72	4.56E-07	1	1579.859	0.15	Salivary gland	2R:+:1746113-1746157	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_76307	VLFVHPDLGIGGAER	AGAP001232-PA	-	46	0.000215177	1	1579.860	0.25	Head	2R:+:1746113-1746157	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_83490	LPNDAFVFLSINR	AGAP001232-PA	-	66	2.37E-06	2	1505.813	1.49	Salivary gland	2R:+:1746731-1746769	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_88608	ILFYCHYPDQLLSKPGNLLK	AGAP001232-PA	C5(Carbamidomethyl)	102	5.49E-10	1	2419.282	-0.78	Salivary gland	2R:+:1746467-1746526	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_89018	LPVMTVGDWLPR	AGAP001232-PA	M4(Oxidation)	89	1.18E-08	1	1399.744	2.94	Salivary gland	2R:+:1746266-1746301	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_92121	VLFVHPDLGIGGAER	AGAP001232-PA	-	32	0.004828515	1	1579.866	4.55	Ovary	2R:+:1746113-1746157	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_97536	VCLIMAGGYDDR	AGAP001232-PA	C2(Carbamidomethyl), M5(Oxidation)	45	0.000253144	2	1385.619	0.41	Salivary gland	2R:+:1746854-1746889	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_99087	LDNVVTDLIQR	AGAP001232-PA	-	50	1.00E-04	2	1285.713	1.43	Male reproductive organs	2R:+:1747289-1747321	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_117718	MPLNYLEEVTTAQADGILVNSK	AGAP001232-PA	M1(Oxidation)	50	0.000123957	1	2422.224	2.93	Salivary gland	2R:+:1746539-1746604	exon=> In CDS Exon 1 of transcript AGAP001232-PA
JHU_Ag_53249	LHALHAPDPVLNTFLAK	AGAP001233-PA	-	31	0.003870858	1	1857.039	0.21	Head	2R:-:1748116-1748066	exon=> In CDS Exon 5 of transcript AGAP001233-PA

JHU_Ag_47713	TAAQLIQQNTLADAGSK	AGAP001237-PA	-	112	7.48E-11	1	1729.911	1.71	Ovary	2R:-:1773469-1773835,1773271-1773355	exon=> In CDS Exon 2 and 1 of transcript AGAP001237-PA
JHU_Ag_27947	IPLADATLVEDPSEVQHDDEDASVCSASTR	AGAP001238-PB,AGAP001238-PA	C25(Carbamidomethyl)	162	7.22E-16	1	3227.464	-0.13	Head	2R:+:1798156-1798245;2R:+:1798156-1798245	exon=> In CDS Exon 9 of transcript AGAP001238-PB;exon=> In CDS Exon 9 of transcript AGAP001238-PA
JHU_Ag_64419	HGIHLVAPTIQDK	AGAP001238-PB,AGAP001238-PA	-	42	0.000535062	1	1428.793	-1.72	Head	2R:+:1798330-1798368;2R:+:1798330-1798368	exon=> In CDS Exon 9 of transcript AGAP001238-PB;exon=> In CDS Exon 9 of transcript AGAP001238-PA
JHU_Ag_5313	EKILELVK	AGAP001240-PA	-	30	0.004093172	1	971.613	-0.54	Midgut	2R:+:1884617-1884640	exon=> In CDS Exon 7 of transcript AGAP001240-PA
JHU_Ag_5800	LCGDLYDGFFDK	AGAP001240-PA	C2(Carbamidomethyl)	43	0.000371812	2	1449.640	3.36	Malpighian tubule	2R:+:1884199-1884224,1884295-1884304	exon=> In CDS Exon 5 and 6 of transcript AGAP001240-PA
JHU_Ag_9608	FYGQSHPTVDLR	AGAP001240-PA	-	51	0.000146432	2	1419.697	-3.01	Midgut	2R:+:1883171-1883196,1883273-1883282	exon=> In CDS Exon 2 and 3 of transcript AGAP001240-PA
JHU_Ag_11684	YLNIDQALADLAHFVVEMR	AGAP001240-PA	M18(Oxidation)	168	2.02E-16	1	2218.135	1.22	Midgut	2R:+:1883298-1883354	exon=> In CDS Exon 3 of transcript AGAP001240-PA
JHU_Ag_12259	SGVIMIGGSYSATMVSWFR	AGAP001240-PA	M5(Oxidation), M14(Oxidation)	141	1.16E-13	1	2080.985	0.96	Midgut	2R:+:1883379-1883435	exon=> In CDS Exon 3 of transcript AGAP001240-PA
JHU_Ag_12624	KTIPGAEK	AGAP001240-PA	-	30	0.011739969	1	843.493	-0.48	Midgut	2R:+:1883355-1883378	exon=> In CDS Exon 3 of transcript AGAP001240-PA
JHU_Ag_14138	LDHFDPQNVNTWSMR	AGAP001240-PA	M14(Oxidation)	111	1.00E-10	1	1859.849	-0.46	Midgut	2R:+:1882903-1882944,1883015-1883017	exon=> In CDS Exon 1 and 2 of transcript AGAP001240-PA
JHU_Ag_26567	LCGDLYDGFFDKTR	AGAP001240-PA	C2(Carbamidomethyl)	64	5.38E-06	2	1706.786	1.14	Midgut	2R:+:1884199-1884224,1884295-1884310	exon=> In CDS Exon 5 and 6 of transcript AGAP001240-PA
JHU_Ag_32237	QTEELLDR	AGAP001240-PA	-	46	0.000496098	2	1003.504	-1.8	Midgut	2R:+:1883666-1883689	exon=> In CDS Exon 4 of transcript AGAP001240-PA
JHU_Ag_32706	NTAWNEGAAMSSMR	AGAP001240-PA	M10(Oxidation),M13(Oxidation),"M10(Oxidation), M13(Oxidation)"	102	3.65E-10	2	1525.651	-0.59	Midgut	2R:+:1883966-1884002,1884092-1884096	exon=> In CDS Exon 4 and 5 of transcript AGAP001240-PA
JHU_Ag_38331	QIFGSSFPVDLFVK	AGAP001240-PA	-	102	6.57E-10	1	1583.847	0.06	Midgut	2R:+:1884157-1884198	exon=> In CDS Exon 5 of transcript AGAP001240-PA
JHU_Ag_46556	LVGGQSCADR	AGAP001240-PA	C7(Carbamidomethyl)	56	2.96E-05	2	1062.499	-0.27	Midgut	2R:+:1883618-1883647	exon=> In CDS Exon 4 of transcript AGAP001240-PA
JHU_Ag_51360	LVGGQSCADRIER	AGAP001240-PA	C7(Carbamidomethyl)	41	0.001237412	1	1460.726	-1.2	Midgut	2R:+:1883618-1883656	exon=> In CDS Exon 4 of transcript AGAP001240-PA
JHU_Ag_53976	VEFTEYKEIVTESIR	AGAP001240-PA	-	109	1.89E-10	1	1842.949	0.18	Midgut	2R:+:1883496-1883508,1883586-1883617	exon=> In CDS Exon 3 and 4 of transcript AGAP001240-PA
JHU_Ag_55111	VEFTEYK	AGAP001240-PA	-	41	0.000525099	2	915.446	0.06	Midgut	2R:+:1883496-1883508,1883586-1883593	exon=> In CDS Exon 3 and 4 of transcript AGAP001240-PA
JHU_Ag_58035	TNVIYGGWNPEVTNVFFTQGQLDPWR	AGAP001240-PA	-	108	2.72E-10	1	3038.481	0.34	Midgut	2R:+:1884332-1884409	exon=> In CDS Exon 6 of transcript AGAP001240-PA
JHU_Ag_62532	YPHLINGAWASSAPVFAK	AGAP001240-PA	N6(Deamidated)	121	1.04E-11	1	1929.000	-0.79	Midgut	2R:+:1883442-1883495	exon=> In CDS Exon 3 of transcript AGAP001240-PA
JHU_Ag_76596	GLTSTNCNSYGYK	AGAP001240-PA	C7(Carbamidomethyl), N8(Deamidated),"N6(Deamidated), C7(Carbamidomethyl)",C7(Carbamidomethyl)	73	2.34E-07	1	1465.623	-2.18	Midgut	2R:+:1883906-1883944	exon=> In CDS Exon 4 of transcript AGAP001240-PA

JHU_Ag_81468	AMVDYYK	AGAP001240-PA	M2(Oxidation)	39	0.000829822	2	905.407	-0.02	Midgut	2R:+:1883945-1883965	exon=> In CDS Exon 4 of transcript AGAP001240-PA
JHU_Ag_82393	EIVTESIR	AGAP001240-PA	-	52	0.000119068	2	946.520	-0.71	Midgut	2R:+:1883594-1883617	exon=> In CDS Exon 4 of transcript AGAP001240-PA
JHU_Ag_84447	GHVYDMAAELK	AGAP001240-PA	M6(Oxidation)	79	1.86E-07	1	1233.592	-0.88	Midgut	2R:+:1883111-1883143	exon=> In CDS Exon 2 of transcript AGAP001240-PA
JHU_Ag_85166	ILELVK	AGAP001240-PA	-	35	0.0004994	1	714.476	-0.55	Midgut	2R:+:1884623-1884640	exon=> In CDS Exon 7 of transcript AGAP001240-PA
JHU_Ag_94755	QTEELLDRGEYASVAQEFQLCSDVDLSQPLDR	AGAP001240-PA	C21(Carbamidomethyl)	67	1.92E-06	3	3711.746	0.41	Midgut	2R:+:1883666-1883761	exon=> In CDS Exon 4 of transcript AGAP001240-PA
JHU_Ag_96430	GYLFYTEHR	AGAP001240-PA	-	52	6.55E-05	1	1185.568	-0.91	Midgut	2R:+:1883144-1883170	exon=> In CDS Exon 2 of transcript AGAP001240-PA
JHU_Ag_97294	YLNIDQALADLAHFVVEMRK	AGAP001240-PA	M18(Oxidation)	108	1.69E-10	1	2362.217	-2.24	Midgut	2R:+:1883298-1883357	exon=> In CDS Exon 3 of transcript AGAP001240-PA
JHU_Ag_105922	AMGIQQDLNDQSPAVVIPGAAHCADLSSITAQDSAEMR	AGAP001240-PA	C23(Carbamidomethyl), M37(Oxidation),"M2(Oxidation), C23(Carbamidomethyl), M37(Oxidation)"	73	4.70E-07	1	3999.846	-0.62	Midgut	2R:+:1884410-1884464,1884549-1884607	exon=> In CDS Exon 6 and 7 of transcript AGAP001240-PA
JHU_Ag_108245	QWLYQTCAEYGWYQISGSSK	AGAP001240-PA	Q1(Deamidated), C7(Carbamidomethyl),"Q5(Deamidated), C7(Carbamidomethyl)",C7(Carbamidomethyl)	104	3.72E-10	2	2455.103	0.19	Midgut	2R:+:1884097-1884156	exon=> In CDS Exon 5 of transcript AGAP001240-PA
JHU_Ag_110383	YMANGEHYVEGGPLFIYVGGEWEISEGSISR	AGAP001240-PA	M2(Oxidation)	57	2.00E-05	3	3462.596	0.38	Midgut	2R:+:1883018-1883110	exon=> In CDS Exon 2 of transcript AGAP001240-PA
JHU_Ag_113398	ILELVKK	AGAP001240-PA	-	42	9.23E-05	2	842.571	-0.48	Midgut	2R:+:1884623-1884643	exon=> In CDS Exon 7 of transcript AGAP001240-PA
JHU_Ag_113922	QKYPHLINGAWASSAPVFAK	AGAP001240-PA	N8(Deamidated)	112	6.19E-11	1	2185.153	-1.03	Midgut	2R:+:1883436-1883495	exon=> In CDS Exon 3 of transcript AGAP001240-PA
JHU_Ag_115990	LCGDLYDGFFDK	AGAP001240-PA	C2(Carbamidomethyl)	76	1.86E-07	1	1449.638	1.34	Midgut	2R:+:1884199-1884224,1884295-1884304	exon=> In CDS Exon 5 and 6 of transcript AGAP001240-PA
JHU_Ag_768	AQQLQIFQKMLK	AGAP001243-PA	N-Term(Acetyl), Q3(Deamidated), Q8(Deamidated), M10(Oxidation)	41	0.00078419	1	1535.832	11.61	Head	2R:+:1988326-1988349,1988412-1988423	exon=> In CDS Exon 1 and 2 of transcript AGAP001243-PA
JHU_Ag_65793	AQQLQIFQKMLK	AGAP001243-PA	N-Term(Acetyl), Q3(Deamidated), Q8(Deamidated), M10(Oxidation)	31	0.0063298	1	1535.831	10.91	Ovary	2R:+:1988326-1988349,1988412-1988423	exon=> In CDS Exon 1 and 2 of transcript AGAP001243-PA
JHU_Ag_68964	AQQLQIFQKMLK	AGAP001243-PA	N-Term(Acetyl), Q3(Deamidated), Q8(Deamidated), M10(Oxidation)	38	0.001723717	1	1535.828	8.99	Pupa	2R:+:1988326-1988349,1988412-1988423	exon=> In CDS Exon 1 and 2 of transcript AGAP001243-PA
JHU_Ag_75356	AQQLQIFQKMLK	AGAP001243-PA	N-Term(Acetyl), Q3(Deamidated), Q8(Deamidated), M10(Oxidation)	37	0.00177196	1	1535.834	12.92	Malpighian tubule	2R:+:1988326-1988349,1988412-1988423	exon=> In CDS Exon 1 and 2 of transcript AGAP001243-PA
JHU_Ag_12481	RVDIPVVDQGACETAWGSGWVTPDMICASEPGR	AGAP001245-PA	C12(Carbamidomethyl), M25(Oxidation), C27(Carbamidomethyl)	87	2.40E-08	1	3632.675	4.93	Larva	2R:-:2029811-2029841,2029478-2029643	exon=> In CDS Exon 3 and 2 of transcript AGAP001245-PA
JHU_Ag_17523	ASHSCGASVISANWALSAAHCTFPVPAPGVITLQGGSSDR	AGAP001245-PA	C5(Carbamidomethyl), C21(Carbamidomethyl)	95	3.12E-09	1	4036.949	2.27	Larva	2R:-:2030260-2030141	exon=> In CDS Exon 1 of transcript AGAP001245-PA

JHU_Ag_17812	AVLSGWGLMEGSVLPAILR	AGAP001245-PA	M9(Oxidation)	131	3.93E-13	1	1985.096	3.54	Larva	2R:-:2029966-2030464,2029741-2029812	exon=> In CDS Exon 2 and 1 of transcript AGAP001245-PA
JHU_Ag_38565	IFGGVEADIANYPYQLSLR	AGAP001245-PA	N11(Deamidated)	159	1.47E-15	1	2126.103	5.09	Larva	2R:-:2030320-2030264	exon=> In CDS Exon 1 of transcript AGAP001245-PA
JHU_Ag_47831	DACNGDSGGPLVVGGQQIGIVSWGDTQCVGTRPGVFAR	AGAP001245-PA	C3(Carbamidomethyl), Q16(Deamidated), C28(Carbamidomethyl),"C3(Carbamidomethyl), C28(Carbamidomethyl)","C3(Carbamidomethyl), N4(Deamidated), C28(Carbamidomethyl)","C3(Carbamidomethyl), Q17(Deamidated), C28(Carbamidomethyl)"	157	2.24E-15	1	3887.876	5.26	Larva	2R:-:2029642-2029529	exon=> In CDS Exon 3 of transcript AGAP001245-PA
JHU_Ag_47975	TSGGVVFQVEQIINHPQYDDWNLVNDVCVLR	AGAP001245-PA	C28(Carbamidomethyl)	164	4.84E-16	1	3614.788	5.12	Larva	2R:-:2030140-2030048	exon=> In CDS Exon 1 of transcript AGAP001245-PA
JHU_Ag_52302	IFGGVEADIANYPYQLSLRR	AGAP001245-PA	-	71	5.58E-07	1	2282.206	5.92	Larva	2R:-:2030320-2030261	exon=> In CDS Exon 1 of transcript AGAP001245-PA
JHU_Ag_64561	TTTPLSGVNIAIIALDPVGATHAVGSR	AGAP001245-PA	-	120	2.10E-12	1	2631.464	6.78	Larva	2R:-:2030047-2029967	exon=> In CDS Exon 1 of transcript AGAP001245-PA
JHU_Ag_91746	NWIAQTTGV	AGAP001245-PA	-	78	2.72E-07	2	989.508	3.27	Larva	2R:-:2029507-2029481	exon=> In CDS Exon 3 of transcript AGAP001245-PA
JHU_Ag_98220	IVTSFLDHPNLAAIPLISTTYK	AGAP001246-PA	-	29	0.003528094	3	2414.344	4.49	Larva	2R:+:2032164-2032229	exon=> In CDS Exon 2 of transcript AGAP001246-PA
JHU_Ag_16640	IVGGSTVPISQFPYQLSLR	AGAP001249-PA	-	58	5.78E-06	2	2062.138	2.42	Midgut	2R:+:2037230-2037286	exon=> In CDS Exon 1 of transcript AGAP001249-PA
JHU_Ag_17626	SFISQNTGV	AGAP001249-PA	-	70	1.17E-06	2	952.476	3.1	Larva	2R:+:2038059-2038085	exon=> In CDS Exon 3 of transcript AGAP001249-PA
JHU_Ag_26049	TGGGVIFQAAQIINHPQYNSNNLNNDVCVIR	AGAP001249-PA	N21(Deamidated), C28(Carbamidomethyl),C28(Carbamidomethyl),"N19(Deamidated), C28(Carbamidomethyl)","N25(Deamidated), C28(Carbamidomethyl)","N22(Deamidated), C28(Carbamidomethyl)","Q17(Deamidated), C28(Carbamidomethyl)","N24(Deamidated), C28(Carbamidomethyl)"	111	8.11E-11	1	3426.713	4.69	Larva	2R:+:2037503-2037595	exon=> In CDS Exon 2 of transcript AGAP001249-PA
JHU_Ag_51217	IVGGSTVPISQFPYQLSLR	AGAP001249-PA	Q11(Deamidated),Q15(Deamidated)	95	1.14E-09	1	2062.142	4.08	Larva	2R:+:2037230-2037286	exon=> In CDS Exon 1 of transcript AGAP001249-PA
JHU_Ag_102548	ITAAMVCAGVQGR	AGAP001249-PA	M5(Oxidation), C7(Carbamidomethyl)	109	2.34E-10	1	1349.671	3.38	Larva	2R:+:2037797-2037807,2037896-2037923	exon=> In CDS Exon 2 and 3 of transcript AGAP001249-PA
JHU_Ag_109198	ITTSFVGANIAPIR	AGAP001249-PA	-	104	2.09E-10	1	1459.834	4.95	Larva	2R:+:2037596-2037637	exon=> In CDS Exon 2 of transcript AGAP001249-PA
JHU_Ag_17182	TCLQVATNVTEQK	AGAP001256-PA	C2(Carbamidomethyl)	47	0.000386083	2	1491.750	2.14	Head	2R:-:2058627-2058666,2054008-2055455	exon=> In CDS Exon 2 and 1 of transcript AGAP001256-PA

JHU_Ag_27581	TCLQVATNVTEQK	AGAP001256-PA	C2(Carbamidomethyl)	94	7.73E-09	2	1491.747	-0.24	Ovary	2R:-:2058627-2058666,2054008-2055455	exon=> In CDS Exon 2 and 1 of transcript AGAP001256-PA
JHU_Ag_33495	TCLQVATNVTEQK	AGAP001256-PA	C2(Carbamidomethyl)	43	0.000876266	2	1491.754	4.27	Malpighian tubule	2R:-:2058627-2058666,2054008-2055455	exon=> In CDS Exon 2 and 1 of transcript AGAP001256-PA
JHU_Ag_78005	TCLQVATNVTEQKHNVSR	AGAP001256-PA	C2(Carbamidomethyl)	61	1.14E-05	1	2085.056	2.6	Malpighian tubule	2R:-:2058627-2058666,2054008-2055440	exon=> In CDS Exon 2 and 1 of transcript AGAP001256-PA
JHU_Ag_79356	TCLQVATNVTEQK	AGAP001256-PA	C2(Carbamidomethyl)	104	6.97E-10	1	1491.748	0.34	Male reproductive organs	2R:-:2058627-2058666,2054008-2055455	exon=> In CDS Exon 2 and 1 of transcript AGAP001256-PA
JHU_Ag_108125	TCLQVATNVTEQK	AGAP001256-PA	C2(Carbamidomethyl)	55	6.37E-05	2	1491.748	0.26	Visceras	2R:-:2058627-2058666,2054008-2055455	exon=> In CDS Exon 2 and 1 of transcript AGAP001256-PA
JHU_Ag_2155	LIKLLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	53	3.31E-06	1	1466.927	5.05	Malpighian tubule	2R:-:2054905-2054867;2R:-:2054905-2054867;2R:-:2054905-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_3388	FFEIYIDTPLEVCETR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C13(Carbamidomethyl)	44	0.000748123	2	2031.976	1.4	Visceras	2R:-:2055094-2055047;2R:-:2055094-2055047;2R:-:2055094-2055047	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_4817	QGVIQGFTGVTQAYEAPDAPDLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	95	5.05E-09	2	2433.214	3.83	Head	2R:-:2055016-2054948;2R:-:2055016-2054948;2R:-:2055016-2054948	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_5554	NPVLLLHPLGGWTK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	109	2.99E-11	1	1544.897	1.1	Malpighian tubule	2R:-:2054200-2054159;2R:-:2054200-2054159;2R:-:2054200-2054159	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_5906	EDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	58	2.52E-05	2	1701.862	2.48	Head	2R:-:2054857-2054813;2R:-:2054857-2054813;2R:-:2054857-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_8068	NLGFSQVDREENIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	70	1.72E-06	1	1676.841	3.41	Malpighian tubule	2R:-:2055259-2055218;2R:-:2055259-2055218;2R:-:2055259-2055218	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_8678	LLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	86	1.43E-08	2	1112.656	-0.47	Ovary	2R:-:2054896-2054867;2R:-:2054896-2054867;2R:-:2054896-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_8980	NLGFSQVDREENIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	43	0.000852698	1	1676.838	1.59	Male reproductive organs	2R:-:2055259-2055218;2R:-:2055259-2055218;2R:-:2055259-2055218	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_9463	VNQSVPIVLSATEADKQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	121	6.44E-12	1	1955.055	-0.5	Midgut	2R:-:2054632-2054579;2R:-:2054632-2054579;2R:-:2054632-2054579	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_11106	NLGFSQVDR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	40	0.001769367	2	1035.525	3.25	Malpighian tubule	2R:-:2055259-2055233;2R:-:2055259-2055233;2R:-:2055259-2055233	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_12511	IQWNDGLDAYR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	69	2.00E-06	2	1350.645	0.8	Ovary	2R:-:2054377-2054345;2R:-:2054377-2054345;2R:-:2054377-2054345	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_12619	LLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	74	2.12E-07	2	1112.656	-0.25	Midgut	2R:-:2054896-2054867;2R:-:2054896-2054867;2R:-:2054896-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_13002	EQEYLQALHFNCLLNEDETLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C12(Carbamidomethyl)	39	0.001701522	3	2635.260	5.29	Head	2R:-:2054695-2054633;2R:-:2054695-2054633;2R:-:2054695-2054633	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_13735	VNQSVPIVLSATEADKQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	75	2.42E-07	1	1955.058	1.37	Head	2R:-:2054632-2054579;2R:-:2054632-2054579;2R:-:2054632-2054579	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_14858	ADAVFAFQLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	55	2.85E-05	2	1137.607	1.58	Head	2R:-:2054302-2054273;2R:-:2054302-2054273;2R:-:2054302-2054273	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_15287	MAQHQAVLDSGVLDRDHTVLAIFPSPMMYAGPTEVQWHAK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation), M27(Oxidation), M28(Oxidation),"M27(Oxidation), M28(Oxidation)",M1(Oxidation)	75	2.67E-07	1	4463.208	7.82	Malpighian tubule	2R:-:2054131-2054012;2R:-:2054131-2054012;2R:-:2054131-2054012	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_17745	NPVLLLHPLGGWTK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	51	2.35E-05	1	1544.900	3.34	Head	2R:-:2054200-2054159;2R:-:2054200-2054159;2R:-:2054200-2054159	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_18369	IQWNDGLDAYR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	67	3.12E-06	2	1350.644	0.08	Midgut	2R:-:2054377-2054345;2R:-:2054377-2054345;2R:-:2054377-2054345	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_18964	DLYPDGNLYDGTHGAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	92	7.87E-09	1	1763.807	4.69	Midgut	2R:-:2053849-2053802;2R:-:2053849-2053802;2R:-:2053849-2053802	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_19187	GIPAYGLDGDNIRTGLNK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	63	5.95E-06	2	1873.991	7.42	Malpighian tubule	2R:-:2055313-2055260;2R:-:2055313-2055260;2R:-:2055313-2055260	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_20389	GIPAYGLDGDNIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	55	5.40E-05	2	1360.687	0.7	Ovary	2R:-:2055313-2055275;2R:-:2055313-2055275;2R:-:2055313-2055275	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_21357	DPAGMPHPDK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M5(Oxidation)	41	0.000696343	1	1080.478	-0.21	Head	2R:-:2053879-2053850;2R:-:2053879-2053850;2R:-:2053879-2053850	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_21528	KPEFYYQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	48	0.000223835	1	1130.567	3.43	Malpighian tubule	2R:-:2054518-2054495;2R:-:2054518-2054495;2R:-:2054518-2054495	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_23110	GQNLGLCR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C7(Carbamidomethyl)	48	0.000316447	2	917.464	2.46	Male reproductive organs	2R:-:2055430-2055407;2R:-:2055430-2055407;2R:-:2055430-2055407	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_23271	NLGFSQVDREENIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	73	8.53E-07	1	1676.836	0.21	Midgut	2R:-:2055259-2055218;2R:-:2055259-2055218;2R:-:2055259-2055218	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_23693	TVAVLRKPEFYYQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	68	1.01E-06	1	1769.977	4.03	Malpighian tubule	2R:-:2054536-2054495;2R:-:2054536-2054495;2R:-:2054536-2054495	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_23931	QGVIQGFTGVTQAYEAPDAPDLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	110	1.29E-10	1	2433.209	1.62	Malpighian tubule	2R:-:2055016-2054948;2R:-:2055016-2054948;2R:-:2055016-2054948	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_24873	GYKNPVLLLHPLGGWTK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	46	5.02E-05	1	1893.085	5.56	Malpighian tubule	2R:-:2054209-2054159;2R:-:2054209-2054159;2R:-:2054209-2054159	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_24919	FLKEDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	53	3.90E-05	3	2090.116	5.07	Head	2R:-:2054866-2054813;2R:-:2054866-2054813;2R:-:2054866-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_25316	EVRGQNLGLCR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C10(Carbamidomethyl)	72	1.04E-06	1	1301.678	3.02	Malpighian tubule	2R:-:2055439-2055407;2R:-:2055439-2055407;2R:-:2055439-2055407	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_25344	DDDVPLPVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	53	5.13E-05	1	1025.529	3.08	Midgut	2R:-:2054158-2054132;2R:-:2054158-2054132;2R:-:2054158-2054132	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_27761	IQWNDGLDAYR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	76	4.53E-07	1	1350.644	0.26	Male reproductive organs	2R:-:2054377-2054345;2R:-:2054377-2054345;2R:-:2054377-2054345	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_28429	IQWNDGLDAYR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	70	1.62E-06	1	1350.649	3.87	Head	2R:-:2054377-2054345;2R:-:2054377-2054345;2R:-:2054377-2054345	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_30596	NPVLLLHPLGGWTKDDDVPLPVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	94	1.49E-09	1	2551.402	-0.41	Ovary	2R:-:2054200-2054132;2R:-:2054200-2054132;2R:-:2054200-2054132	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_35245	LEGVSALALQYGGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	127	2.20E-12	1	1433.775	0.47	Malpighian tubule	2R:-:2054578-2054537;2R:-:2054578-2054537;2R:-:2054578-2054537	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_35770	GCTVWLTGLSGAGK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C2(Carbamidomethyl)	92	1.02E-08	2	1406.714	2.71	Malpighian tubule	2R:-:2055397-2055356;2R:-:2055397-2055356;2R:-:2055397-2055356	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_35774	NPVLLLHPLGGWTKDDDVPLPVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	127	7.44E-13	1	2551.413	3.96	Malpighian tubule	2R:-:2054200-2054132;2R:-:2054200-2054132;2R:-:2054200-2054132	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_37379	GCTVWLTGLSGAGK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C2(Carbamidomethyl)	99	2.28E-09	2	1406.714	3.06	Head	2R:-:2055397-2055356;2R:-:2055397-2055356;2R:-:2055397-2055356	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_37737	FLKEDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	62	5.44E-06	2	2090.119	6.21	Visceras	2R:-:2054866-2054813;2R:-:2054866-2054813;2R:-:2054866-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_38677	KQDFDFISGTR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	35	0.003522751	2	1313.648	-0.2	Midgut	2R:-:2053629-2053597;2R:-:2053629-2053597;2R:-:2053629-2053597	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_39098	MIYESGDYLVGGEIEALER	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	123	7.11E-12	2	2160.020	1.71	Male reproductive organs	2R:-:2054434-2054378;2R:-:2054434-2054378;2R:-:2054434-2054378	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_40598	VNQSVPIVLSATEADKQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	158	1.52E-15	1	1955.056	0	Male reproductive organs	2R:-:2054632-2054579;2R:-:2054632-2054579;2R:-:2054632-2054579	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_40682	LLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	86	1.40E-08	2	1112.656	0.08	Male reproductive organs	2R:-:2054896-2054867;2R:-:2054896-2054867;2R:-:2054896-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_41093	GQNLGLCR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C7(Carbamidomethyl)	46	0.000533705	2	917.464	2.4	Malpighian tubule	2R:-:2055430-2055407;2R:-:2055430-2055407;2R:-:2055430-2055407	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_42301	DLYPDGNLYDGTHGAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	78	1.80E-07	1	1763.804	3.31	Malpighian tubule	2R:-:2053849-2053802;2R:-:2053849-2053802;2R:-:2053849-2053802	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_45034	ARQGVIQGFTGVTQAYEAPDAPDLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	110	1.17E-10	1	2660.360	6.6	Malpighian tubule	2R:-:2055022-2054948;2R:-:2055022-2054948;2R:-:2055022-2054948	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_45745	MAPGLDSIEILPFRVAAYDK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	33	0.004188013	1	2222.160	3.49	Malpighian tubule	2R:-:2053792-2053917,2053489-2053666;2R:-:2053792-2053917,2053489-2053666;2R:-:2053792-2053917,2053489-2053666	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB
JHU_Ag_48278	DLYPDGNLYDGTHGAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	61	9.88E-06	1	1763.804	3.45	Head	2R:-:2053849-2053802;2R:-:2053849-2053802;2R:-:2053849-2053802	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_49900	NPVLLLHPLGGWTKDDDVPLPVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	93	1.61E-09	1	2551.418	5.9	Visceras	2R:-:2054200-2054132;2R:-:2054200-2054132;2R:-:2054200-2054132	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_50088	MAPGLDSIEILPFR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	52	8.61E-05	2	1574.831	4.17	Salivary gland	2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB

JHU_Ag_50638	NGENPPNGFMEPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M10(Oxidation)	37	0.001135901	2	1446.635	2.45	Malpighian tubule	2R:-:2053578-2053540;2R:-:2053578-2053540;2R:-:2053578-2053540	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_51585	FLKEDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	89	1.29E-08	1	2090.104	-0.91	Male reproductive organs	2R:-:2054866-2054813;2R:-:2054866-2054813;2R:-:2054866-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_53662	ADAVFAFQLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	38	0.001956802	2	1137.605	-0.13	Ovary	2R:-:2054302-2054273;2R:-:2054302-2054273;2R:-:2054302-2054273	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_54982	DDDVPLPVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	62	7.84E-06	1	1025.531	4.75	Malpighian tubule	2R:-:2054158-2054132;2R:-:2054158-2054132;2R:-:2054158-2054132	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_55360	SCSQMAFFDPAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C2(Carbamidomethyl),"C2(Carbamidomethyl),M5(Oxidation)"	66	1.03E-06	1	1432.597	-0.96	Malpighian tubule	2R:-:2053665-2053630;2R:-:2053665-2053630;2R:-:2053665-2053630	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_55855	FLKEDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	69	1.36E-06	1	2090.107	0.78	Ovary	2R:-:2054866-2054813;2R:-:2054866-2054813;2R:-:2054866-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_56169	VNQSVPIVLSATEADKQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	46	0.000220491	2	1955.054	-0.94	Ovary	2R:-:2054632-2054579;2R:-:2054632-2054579;2R:-:2054632-2054579	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_57096	MAPGLDSIEILPFR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	109	2.02E-10	1	1574.830	3.55	Male reproductive organs	2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB

JHU_Ag_58222	LEGVSALALQYGGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	100	1.30E-09	1	1433.773	-1.32	Male reproductive organs	2R:-:2054578-2054537;2R:-:2054578-2054537;2R:-:2054578-2054537	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_59166	GFRGCTVWLTGLSGAGK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C5(Carbamidomethyl)	91	1.20E-08	1	1766.910	5.28	Malpighian tubule	2R:-:2055406-2055356;2R:-:2055406-2055356;2R:-:2055406-2055356	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_59387	VNQSVPIVLSATEADKQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	121	5.86E-12	1	1955.064	4.3	Malpighian tubule	2R:-:2054632-2054579;2R:-:2054632-2054579;2R:-:2054632-2054579	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_59924	VNQSVPIVLSATEADK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	38	0.001351522	2	1670.902	3.3	Head	2R:-:2054632-2054585;2R:-:2054632-2054585;2R:-:2054632-2054585	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_59986	MIYESGDYLVGGEIEALER	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	128	2.43E-12	2	2160.026	4.31	Malpighian tubule	2R:-:2054434-2054378;2R:-:2054434-2054378;2R:-:2054434-2054378	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_60264	GCTVWLTGLSGAGK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C2(Carbamidomethyl)	92	9.56E-09	2	1406.713	2.28	Salivary gland	2R:-:2055397-2055356;2R:-:2055397-2055356;2R:-:2055397-2055356	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_60524	LEGVSALALQYGGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	116	2.65E-11	1	1433.779	3.27	Head	2R:-:2054578-2054537;2R:-:2054578-2054537;2R:-:2054578-2054537	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_63227	FLKEDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	85	3.66E-08	1	2090.101	-2.2	Midgut	2R:-:2054866-2054813;2R:-:2054866-2054813;2R:-:2054866-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_63649	QGVIQGFTGVTQAYEAPDAPDLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	89	1.81E-08	1	2433.210	2.33	Male reproductive organs	2R:-:2055016-2054948;2R:-:2055016-2054948;2R:-:2055016-2054948	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_65332	LLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	78	8.24E-08	2	1112.659	2.82	Head	2R:-:2054896-2054867;2R:-:2054896-2054867;2R:-:2054896-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_65602	FLKEDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	81	7.44E-08	1	2090.108	1.04	Malpighian tubule	2R:-:2054866-2054813;2R:-:2054866-2054813;2R:-:2054866-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_66571	EQEYLQALHFNCLLNEDETLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C12(Carbamidomethyl)	102	8.29E-10	1	2635.245	-0.12	Malpighian tubule	2R:-:2054695-2054633;2R:-:2054695-2054633;2R:-:2054695-2054633	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_66894	VNQSVPIVLSATEADK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	62	7.79E-06	1	1670.895	-0.35	Malpighian tubule	2R:-:2054632-2054585;2R:-:2054632-2054585;2R:-:2054632-2054585	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_67724	KQDFDFISGTR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	76	2.79E-07	1	1313.649	0.64	Male reproductive organs	2R:-:2053629-2053597;2R:-:2053629-2053597;2R:-:2053629-2053597	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_68387	VAAYDKSCSQMAFFDPAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C8(Carbamidomethyl),"C8(Carbamidomethyl),M11(Oxidation)"	81	9.45E-08	1	2063.938	3.31	Malpighian tubule	2R:-:2053683-2053630;2R:-:2053683-2053630;2R:-:2053683-2053630	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_69221	LFADSGVVSICSFVSPFAEDREMAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C11(Carbamidomethyl),"C11(Carbamidomethyl),M23(Oxidation)"	149	2.07E-14	1	2806.334	5.99	Malpighian tubule	2R:-:2055196-2055122;2R:-:2055196-2055122;2R:-:2055196-2055122	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_70099	RQLLER	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	Q2(Deamidated)	34	0.008116035	2	815.472	-1.32	Head	2R:-:2054227-2054210;2R:-:2054227-2054210;2R:-:2054227-2054210	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_71471	IQWNDGLDAYRLTPNELR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	94	5.84E-09	1	2174.110	5.11	Malpighian tubule	2R:-:2054377-2054324;2R:-:2054377-2054324;2R:-:2054377-2054324	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_74568	MAPGLDSIEILPFR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	61	1.06E-05	2	1574.832	4.55	Head	2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB
JHU_Ag_76097	VSTEGMTVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	51	0.000130668	2	979.487	-0.73	Ovary	2R:-:2054947-2054921;2R:-:2054947-2054921;2R:-:2054947-2054921	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_80661	IQWNDGLDAYR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	58	2.42E-05	2	1350.649	4.05	Salivary gland	2R:-:2054377-2054345;2R:-:2054377-2054345;2R:-:2054377-2054345	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_80754	GYKNPVLLLHPLGGWTK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	89	3.20E-09	1	1893.075	0.14	Male reproductive organs	2R:-:2054209-2054159;2R:-:2054209-2054159;2R:-:2054209-2054159	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_80840	DPAGMPHPDKDLYPDGNLYDGTHGAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M5(Oxidation)	119	1.15E-11	1	2825.256	-0.8	Male reproductive organs	2R:-:2053879-2053802;2R:-:2053879-2053802;2R:-:2053879-2053802	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_81591	MAPGLDSIEILPFR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	79	1.91E-07	1	1574.826	0.91	Midgut	2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB
JHU_Ag_82372	DPAGMPHPDKDLYPDGNLYDGTHGAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M5(Oxidation)	131	6.71E-13	1	2825.256	-0.82	Midgut	2R:-:2053879-2053802;2R:-:2053879-2053802;2R:-:2053879-2053802	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_83552	IQWNDGLDAYR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	85	5.31E-08	1	1350.646	1.34	Malpighian tubule	2R:-:2054377-2054345;2R:-:2054377-2054345;2R:-:2054377-2054345	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_83840	GIPAYGLDGDNIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	54	7.73E-05	2	1360.688	1.77	Salivary gland	2R:-:2055313-2055275;2R:-:2055313-2055275;2R:-:2055313-2055275	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_86054	DLYPDGNLYDGTHGAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	59	1.34E-05	2	1763.804	3.24	Ovary	2R:-:2053849-2053802;2R:-:2053849-2053802;2R:-:2053849-2053802	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_86326	LEGVSALALQYGGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	103	7.11E-10	2	1433.773	-1.41	Midgut	2R:-:2054578-2054537;2R:-:2054578-2054537;2R:-:2054578-2054537	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_86456	LEGVSALALQYGGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	92	7.72E-09	2	1433.781	4.38	Pupa	2R:-:2054578-2054537;2R:-:2054578-2054537;2R:-:2054578-2054537	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_87074	DPAGMPHPDKDLYPDGNLYDGTHGAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M5(Oxidation)	161	7.40E-16	1	2825.261	1.01	Malpighian tubule	2R:-:2053879-2053802;2R:-:2053879-2053802;2R:-:2053879-2053802	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_87467	MNAGANHYIVGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	69	2.05E-06	1	1318.634	1.7	Malpighian tubule	2R:-:2053915-2053880;2R:-:2053915-2053880;2R:-:2053915-2053880	exon=> In CDS Exon 3 of transcript AGAP001256-PA;exon=> In CDS Exon 3 of transcript AGAP001256-PC;exon=> In CDS Exon 3 of transcript AGAP001256-PB
JHU_Ag_87532	KPEFYYQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	52	9.11E-05	1	1130.558	-4.67	Head	2R:-:2054518-2054495;2R:-:2054518-2054495;2R:-:2054518-2054495	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_88156	FFEIYIDTPLEVCETR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C13(Carbamidomethyl)	61	1.59E-05	2	2031.985	5.84	Malpighian tubule	2R:-:2055094-2055047;2R:-:2055094-2055047;2R:-:2055094-2055047	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_88170	VSTEGMTVRESTLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M6(Oxidation)	102	8.30E-10	1	1537.797	5	Malpighian tubule	2R:-:2054947-2054906;2R:-:2054947-2054906;2R:-:2054947-2054906	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_88961	NPVLLLHPLGGWTK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	82	1.84E-08	1	1544.898	2.21	Ovary	2R:-:2054200-2054159;2R:-:2054200-2054159;2R:-:2054200-2054159	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_90168	ADAVFAFQLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	57	1.97E-05	2	1137.611	4.69	Malpighian tubule	2R:-:2054302-2054273;2R:-:2054302-2054273;2R:-:2054302-2054273	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_91679	MAPGLDSIEILPFR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	98	2.34E-09	1	1574.835	6.49	Malpighian tubule	2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB
JHU_Ag_91926	QGVIQGFTGVTQAYEAPDAPDLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	89	1.80E-08	1	2433.211	2.73	Visceras	2R:-:2055016-2054948;2R:-:2055016-2054948;2R:-:2055016-2054948	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_93416	KQDFDFISGTR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	64	4.90E-06	1	1313.649	0.73	Head	2R:-:2053629-2053597;2R:-:2053629-2053597;2R:-:2053629-2053597	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_93719	KPEFYYQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	35	0.004196 72	2	1130.563	-0.24	Ovary	2R:-:2054518-2054495;2R:-:2054518-2054495;2R:-:2054518-2054495	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_94585	QGVIQGFTGVTQAYEAPDAPDLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	82	1.01E-07	2	2433.207	0.92	Ovary	2R:-:2055016-2054948;2R:-:2055016-2054948;2R:-:2055016-2054948	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_94865	KPEFYYQR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	40	0.001501 956	1	1130.564	0.52	Male reproductive organs	2R:-:2054518-2054495;2R:-:2054518-2054495;2R:-:2054518-2054495	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_96650	LLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	38	0.000926563	2	1112.657	0.52	Visceras	2R:-:2054896-2054867;2R:-:2054896-2054867;2R:-:2054896-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_98999	LLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	54	2.17E-05	2	1112.657	0.3	Pupa	2R:-:2054896-2054867;2R:-:2054896-2054867;2R:-:2054896-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_100577	KQDFDFISGTR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	55	3.36E-05	1	1313.647	-0.94	Ovary	2R:-:2053629-2053597;2R:-:2053629-2053597;2R:-:2053629-2053597	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_100705	GCTVWLTGLSGAGK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C2(Carbamidomethyl)	84	7.06E-08	2	1406.711	0.71	Ovary	2R:-:2055397-2055356;2R:-:2055397-2055356;2R:-:2055397-2055356	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_102616	GIPAYGLDGDNIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	86	4.13E-08	1	1360.688	1.68	Malpighian tubule	2R:-:2055313-2055275;2R:-:2055313-2055275;2R:-:2055313-2055275	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_102775	NLGFSQVDREENIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	56	4.20E-05	1	1676.831	-2.28	Head	2R:-:2055259-2055218;2R:-:2055259-2055218;2R:-:2055259-2055218	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_103176	LEGVSALALQYGGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	96	3.12E-09	1	1433.776	0.81	Ovary	2R:-:2054578-2054537;2R:-:2054578-2054537;2R:-:2054578-2054537	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_103763	KQDFDFISGTR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	51	8.38E-05	1	1313.650	0.92	Pupa	2R:-:2053629-2053597;2R:-:2053629-2053597;2R:-:2053629-2053597	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_103797	NLGFSQVDREENIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	78	3.19E-07	1	1676.840	2.75	Ovary	2R:-:2055259-2055218;2R:-:2055259-2055218;2R:-:2055259-2055218	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_104579	GCTVWLTGLSGAGK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C2(Carbamidomethyl)	86	4.14E-08	2	1406.710	0.37	Male reproductive organs	2R:-:2055397-2055356;2R:-:2055397-2055356;2R:-:2055397-2055356	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_105097	QGVIQGFTGVTQAYEAPDAPDLRVSTEGMTVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M29(Oxidation)	154	3.38E-15	1	3409.694	7.23	Malpighian tubule	2R:-:2055016-2054921;2R:-:2055016-2054921;2R:-:2055016-2054921	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_105311	GIPAYGLDGDNIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	70	1.71E-06	2	1360.686	0.61	Male reproductive organs	2R:-:2055313-2055275;2R:-:2055313-2055275;2R:-:2055313-2055275	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_105391	EQEYLQALHFNCLLNEDETLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C12(Carbamidomethyl)	97	2.98E-09	1	2635.251	2.1	Ovary	2R:-:2054695-2054633;2R:-:2054695-2054633;2R:-:2054695-2054633	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_105821	GIPAYGLDGDNIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	64	6.46E-06	2	1360.690	3.12	Head	2R:-:2055313-2055275;2R:-:2055313-2055275;2R:-:2055313-2055275	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_106629	EDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	44	0.000724952	2	1701.865	4.13	Midgut	2R:-:2054857-2054813;2R:-:2054857-2054813;2R:-:2054857-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_107118	SCSQMAFFDPAR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C2(Carbamidomethyl), M5(Oxidation)	60	4.76E-06	2	1432.602	2.62	Male reproductive organs	2R:-:2053665-2053630;2R:-:2053665-2053630;2R:-:2053665-2053630	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_107302	KQDFDFISGTR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	81	9.79E-08	1	1313.655	4.91	Malpighian tubule	2R:-:2053629-2053597;2R:-:2053629-2053597;2R:-:2053629-2053597	exon=> In CDS Exon 4 of transcript AGAP001256-PA;exon=> In CDS Exon 4 of transcript AGAP001256-PC;exon=> In CDS Exon 4 of transcript AGAP001256-PB
JHU_Ag_107605	GIPAYGLDGDNIR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	56	3.82E-05	2	1360.682	-2.53	Midgut	2R:-:2055313-2055275;2R:-:2055313-2055275;2R:-:2055313-2055275	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_107852	NPVLLLHPLGGWTK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	N1(Deamidated)	67	5.30E-07	1	1544.899	2.92	Male reproductive organs	2R:-:2054200-2054159;2R:-:2054200-2054159;2R:-:2054200-2054159	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_108831	MAPGLDSIEILPFR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	97	2.74E-09	1	1574.827	1.3	Ovary	2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684;2R:-:2053792-2053917,2053489-2053684	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB
JHU_Ag_109769	TSIAFELEAYLVSK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	57	2.16E-05	2	1570.845	5.67	Malpighian tubule	2R:-:2055355-2055314;2R:-:2055355-2055314;2R:-:2055355-2055314	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_109808	EQEYLQALHFNCLLNEDETLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C12(Carbamidomethyl)	36	0.003322384	3	2635.244	-0.68	Midgut	2R:-:2054695-2054633;2R:-:2054695-2054633;2R:-:2054695-2054633	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_110209	LEGVSALALQYGGR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	109	1.32E-10	2	1433.777	1.74	Visceras	2R:-:2054578-2054537;2R:-:2054578-2054537;2R:-:2054578-2054537	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_110494	ADAVFAFQLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	62	7.74E-06	2	1137.605	0.08	Male reproductive organs	2R:-:2054302-2054273;2R:-:2054302-2054273;2R:-:2054302-2054273	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_111492	EQEYLQALHFNCLLNEDETLR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	C12(Carbamidomethyl)	99	1.70E-09	1	2635.256	3.84	Visceras	2R:-:2054695-2054633;2R:-:2054695-2054633;2R:-:2054695-2054633	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_113907	FLKEDEPLPELFVADSLK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	55	2.87E-05	3	2090.106	0.34	Pupa	2R:-:2054866-2054813;2R:-:2054866-2054813;2R:-:2054866-2054813	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB

JHU_Ag_114610	VLKMAPGLDSIEILPFR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M4(Oxidation)	51	2.45E-05	1	1915.082	5.25	Malpighian tubule	2R:-:2053801-2053917,2053489-2053684;2R:-:2053801-2053917,2053489-2053684;2R:-:2053801-2053917,2053489-2053684	exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001256-PB
JHU_Ag_116157	VSTEGMTVR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	55	4.78E-05	2	979.492	4.13	Malpighian tubule	2R:-:2054947-2054921;2R:-:2054947-2054921;2R:-:2054947-2054921	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_116382	MAQHQAVLDSGVLDR	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	M1(Oxidation)	55	4.89E-05	1	1639.826	2.06	Malpighian tubule	2R:-:2054131-2054087;2R:-:2054131-2054087;2R:-:2054131-2054087	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_116798	LLESEAIIPK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	82	3.90E-08	2	1112.658	1.28	Malpighian tubule	2R:-:2054896-2054867;2R:-:2054896-2054867;2R:-:2054896-2054867	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_116810	NPVLLLHPLGGWTK	AGAP001256-PA,AGAP001256-PC,AGAP001256-PB	-	74	1.04E-07	1	1544.898	2.05	Visceras	2R:-:2054200-2054159;2R:-:2054200-2054159;2R:-:2054200-2054159	exon=> In CDS Exon 2 of transcript AGAP001256-PA;exon=> In CDS Exon 2 of transcript AGAP001256-PC;exon=> In CDS Exon 2 of transcript AGAP001256-PB
JHU_Ag_108142	VANFNNNSFLGNSNYENGGDAGK	AGAP001256-PC	-	93	5.04E-09	2	2403.073	5.35	Malpighian tubule	2R:-:2056814-2056746	exon=> In CDS Exon 1 of transcript AGAP001256-PC
JHU_Ag_31355	MTGAIDLLLSVR	AGAP001257-PA	N-Term(Acetyl), M1(Oxidation)	63	6.89E-06	1	1346.737	1.56	Malpighian tubule	2R:-:2063951-2063951,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PA
JHU_Ag_38910	TGAIDLLLSVR	AGAP001257-PA	-	86	9.60E-09	2	1157.693	3.88	Head	2R:-:2063948-2063951,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PA
JHU_Ag_44878	TGAIDLLLSVR	AGAP001257-PA	-	73	1.86E-07	2	1157.689	0.3	Visceras	2R:-:2063948-2063951,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PA
JHU_Ag_58785	TGAIDLLLSVR	AGAP001257-PA	N-Term(Acetyl)	78	1.02E-07	2	1199.703	2.57	Malpighian tubule	2R:-:2063948-2063951,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PA
JHU_Ag_83318	TGAIDLLLSVR	AGAP001257-PA	-	55	1.15E-05	2	1157.690	0.61	Salivary gland	2R:-:2063948-2063951,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PA
JHU_Ag_86561	TGAIDLLLSVR	AGAP001257-PA	-	86	9.74E-09	2	1157.691	1.56	Malpighian tubule	2R:-:2063948-2063951,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PA
JHU_Ag_110307	TGAIDLLLSVR	AGAP001257-PA	-	92	2.49E-09	2	1157.692	2.41	Ovary	2R:-:2063948-2063951,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PA

JHU_Ag_53	DSLLPIAK	AGAP001257-PA,AGAP001257-PB	-	41	0.000367529	1	856.515	1.53	Malpighian tubule	2R:-:2060796-2060773;2R:-:2060796-2060773	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_350	YNANVPLVLMNSFNTDVDTEK	AGAP001257-PA,AGAP001257-PB	-	91	1.22E-08	2	2384.146	0.98	Visceras	2R:-:2060934-2060872;2R:-:2060934-2060872	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_950	TLDNGIR	AGAP001257-PA,AGAP001257-PB	-	40	0.002225	2	788.430	4.49	Ovary	2R:-:2060229-2060209;2R:-:2060229-2060209	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_2940	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	93	5.79E-09	1	1577.725	0.96	Pupa	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_3582	DLDHLLETVEESR	AGAP001257-PA,AGAP001257-PB	-	77	2.72E-07	1	1555.763	1.9	Visceras	2R:-:2061285-2061247;2R:-:2061285-2061247	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_4145	GFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C13(Carbamidomethyl)	88	2.80E-08	2	2007.945	3.62	Head	2R:-:2060853-2060806;2R:-:2060853-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_6206	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	64	5.57E-06	1	1282.636	2.73	Malpighian tubule	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_7901	DLDHLLETVEESR	AGAP001257-PA,AGAP001257-PB	-	61	1.01E-05	1	1555.762	1.27	Pupa	2R:-:2061285-2061247;2R:-:2061285-2061247	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_8231	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	76	3.00E-07	2	1577.728	2.82	Ovary	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_8771	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	76	3.45E-07	1	1282.633	0.16	Salivary gland	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_8989	IDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	100	6.34E-10	1	1253.711	0.55	Head	2R:-:2059842-2059807;2R:-:2059842-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_9164	LPQEAHIR	AGAP001257-PA,AGAP001257-PB	-	39	0.001483457	2	963.538	0.97	Visceras	2R:-:2061108-2061085;2R:-:2061108-2061085	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_9935	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	40	0.00016335	2	1010.625	0.23	Male reproductive organs	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_10578	YGSLVMSPQR	AGAP001257-PA,AGAP001257-PB	M6(Oxidation)	70	1.35E-06	2	1153.567	-0.32	Midgut	2R:-:2060064-2060035;2R:-:2060064-2060035	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB

JHU_Ag_11347	DLDHLLETVEESR	AGAP001257-PA,AGAP001257-PB	-	37	0.002490095	2	1555.766	3.94	Larva	2R:-:2061285-2061247;2R:-:2061285-2061247	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_12537	DLDHLLETVEESR	AGAP001257-PA,AGAP001257-PB	-	71	1.09E-06	1	1555.765	3.23	Ovary	2R:-:2061285-2061247;2R:-:2061285-2061247	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_12772	FLQEDGPSVEWDRIEK	AGAP001257-PA,AGAP001257-PB	-	55	5.48E-05	2	1947.945	0.11	Midgut	2R:-:2061195-2061148;2R:-:2061195-2061148	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_13085	DLDHLLETVEESRK	AGAP001257-PA,AGAP001257-PB	-	110	1.39E-10	1	1683.860	2.83	Ovary	2R:-:2061285-2061244;2R:-:2061285-2061244	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_13292	IDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	89	6.47E-09	1	1253.710	0.26	Ovary	2R:-:2059842-2059807;2R:-:2059842-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_14396	VIQLETAVGAAMK	AGAP001257-PA,AGAP001257-PB	M12(Oxidation)	93	7.58E-09	1	1346.736	0.74	Visceras	2R:-:2060208-2060170;2R:-:2060208-2060170	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_14783	VKEFLSR	AGAP001257-PA,AGAP001257-PB	-	30	0.009625171	1	878.510	0.46	Midgut	2R:-:2059983-2059963;2R:-:2059983-2059963	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_15343	EHVDDFK	AGAP001257-PA,AGAP001257-PB	-	38	0.00080095	1	889.402	-3.28	Head	2R:-:2060364-2060344;2R:-:2060364-2060344	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_16627	DLDHLLETVEESRK	AGAP001257-PA,AGAP001257-PB	-	99	1.65E-09	1	1683.858	1.64	Malpighian tubule	2R:-:2061285-2061244;2R:-:2061285-2061244	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_17139	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	76	3.11E-07	1	1282.634	1.11	Ovary	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_18053	DLDHLLETVEESR	AGAP001257-PA,AGAP001257-PB	-	64	4.79E-06	1	1555.766	3.62	Head	2R:-:2061285-2061247;2R:-:2061285-2061247	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_18380	VIQLETAVGAAMK	AGAP001257-PA,AGAP001257-PB	M12(Oxidation)	82	9.05E-08	2	1346.735	0.01	Salivary gland	2R:-:2060208-2060170;2R:-:2060208-2060170	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_19373	CFDGGIGINVPR	AGAP001257-PA,AGAP001257-PB	C1(Carbamidomethyl)	58	3.35E-05	1	1304.645	2.33	Head	2R:-:2060169-2060134;2R:-:2060169-2060134	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_19702	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	108	1.79E-10	1	1577.729	3.59	Head	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB

JHU_Ag_20306	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	45	0.000453 46	2	1282.636	2.35	Larva	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_21781	EYCFLSNIDNLGATVDIK	AGAP001257-PA,AGAP001257-PB	C3(Carbamidomethyl)	106	3.81E-10	1	2072.002	0.57	Visceras	2R:-:2060574-2060521;2R:-:2060574-2060521	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_23162	GGTLIHYENK	AGAP001257-PA,AGAP001257-PB	-	51	0.000126 393	1	1131.580	0.16	Ovary	2R:-:2060427-2060398;2R:-:2060427-2060398	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_23621	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	70	1.68E-07	2	1010.625	0.17	Midgut	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_25305	TMNMEIIVNNK	AGAP001257-PA,AGAP001257-PB	M2(Oxidation), M4(Oxidation)	68	2.38E-06	1	1338.638	-0.87	Visceras	2R:-:2060262-2060230;2R:-:2060262-2060230	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_25489	LPEEAVKDYSTLK	AGAP001257-PA,AGAP001257-PB	-	96	3.60E-09	1	1492.791	1.11	Visceras	2R:-:2061147-2061109;2R:-:2061147-2061109	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_25642	IEKLPEEAVK	AGAP001257-PA,AGAP001257-PB	-	29	0.007527 796	1	1155.661	-0.53	Midgut	2R:-:2061156-2061127;2R:-:2061156-2061127	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_25688	TSDLLLVMSNLYSLK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	113	5.17E-11	2	1712.916	1.08	Midgut	2R:-:2060109-2060065;2R:-:2060109-2060065	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_25979	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	65	4.70E-07	2	1010.624	-0.8	Ovary	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_27353	NDLTFLDMTVQQIEFLNKK	AGAP001257-PA,AGAP001257-PB	N1(Deamidated), M8(Oxidation)	40	0.001199 967	1	2314.191	11.86	Larva	2R:-:2060991-2060935;2R:-:2060991-2060935	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_28321	GGTLIHYENKLR	AGAP001257-PA,AGAP001257-PB	-	35	0.003275 051	1	1400.769	3.12	Ovary	2R:-:2060427-2060392;2R:-:2060427-2060392	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_28847	GGTLIHYENK	AGAP001257-PA,AGAP001257-PB	-	47	0.000305 298	1	1131.580	0.38	Pupa	2R:-:2060427-2060398;2R:-:2060427-2060398	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_30206	TMNMEIIVNNKTLDNGIR	AGAP001257-PA,AGAP001257-PB	M2(Oxidation), M4(Oxidation)	84	6.58E-08	1	2108.050	1.08	Malpighian tubule	2R:-:2060262-2060209;2R:-:2060262-2060209	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_30290	IEKLPEEAVK	AGAP001257-PA,AGAP001257-PB	-	44	0.000227 7	2	1155.664	1.69	Head	2R:-:2061156-2061127;2R:-:2061156-2061127	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB

JHU_Ag_30725	GTVIIIANHGDR	AGAP001257-PA,AGAP001257-PB	-	69	1.16E-06	1	1265.692	-3.49	Pupa	2R:-:2059878-2059843;2R:-:2059878-2059843	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_31300	LNGGLGTSMGCHGPK	AGAP001257-PA,AGAP001257-PB	C11(Carbamidomethyl),"M9(Oxidation),C11(Carbamidomethyl)"	93	5.39E-09	1	1501.688	-0.35	Malpighian tubule	2R:-:2061054-2061010;2R:-:2061054-2061010	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_32711	GFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C13(Carbamidomethyl)	107	3.35E-10	1	2007.943	2.23	Malpighian tubule	2R:-:2060853-2060806;2R:-:2060853-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_33025	GGTLIHYENK	AGAP001257-PA,AGAP001257-PB	-	49	0.000241296	1	1131.574	-4.69	Head	2R:-:2060427-2060398;2R:-:2060427-2060398	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_33710	TMNMEIIVNNK	AGAP001257-PA,AGAP001257-PB	M2(Oxidation),M4(Oxidation)	38	0.002761341	2	1338.638	-0.78	Midgut	2R:-:2060262-2060230;2R:-:2060262-2060230	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_34386	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	76	2.97E-07	1	1282.637	3.11	Head	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_34624	GTVIIIANHGDR	AGAP001257-PA,AGAP001257-PB	-	66	1.96E-06	1	1265.695	-0.89	Midgut	2R:-:2059878-2059843;2R:-:2059878-2059843	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_34709	LNGGLGTSMGCHGPK	AGAP001257-PA,AGAP001257-PB	M9(Oxidation),C11(Carbamidomethyl)	75	3.17E-07	1	1501.692	2.25	Head	2R:-:2061054-2061010;2R:-:2061054-2061010	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_34845	GTVIIIANHGDR	AGAP001257-PA,AGAP001257-PB	-	76	1.93E-07	1	1265.697	0.94	Head	2R:-:2059878-2059843;2R:-:2059878-2059843	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_35179	VIQLETAVGAAMK	AGAP001257-PA,AGAP001257-PB	M12(Oxidation)	122	5.84E-12	1	1330.742	1.51	Malpighian tubule	2R:-:2060208-2060170;2R:-:2060208-2060170	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_37495	GFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C13(Carbamidomethyl)	101	1.10E-09	1	2007.942	1.98	Ovary	2R:-:2060853-2060806;2R:-:2060853-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_42229	EMCGFEALYHR	AGAP001257-PA,AGAP001257-PB	M2(Oxidation),C3(Carbamidomethyl)	50	4.99E-05	2	1428.607	2.66	Head	2R:-:2061228-2061196;2R:-:2061228-2061196	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_42384	DSLLPIAK	AGAP001257-PA,AGAP001257-PB	-	50	5.14E-05	1	856.514	-0.18	Midgut	2R:-:2060796-2060773;2R:-:2060796-2060773	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_43718	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	52	6.99E-06	2	1010.626	1.32	Head	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB

JHU_Ag_45297	QGDKPIEFVMEVTDK	AGAP001257-PA,AGAP001257-PB	-	111	1.45E-10	1	1735.863	3.31	Visceras	2R:-:2060490-2060446;2R:-:2060490-2060446	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_45862	YGSLVMSPQR	AGAP001257-PA,AGAP001257-PB	M6(Oxidation)	80	1.38E-07	1	1153.566	-1.17	Malpighian tubule	2R:-:2060064-2060035;2R:-:2060064-2060035	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_46419	LPQEAHIR	AGAP001257-PA,AGAP001257-PB	-	35	0.003391507	1	963.538	0.46	Malpighian tubule	2R:-:2061108-2061085;2R:-:2061108-2061085	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_46530	IDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	65	1.80E-06	2	1253.713	2.59	Malpighian tubule	2R:-:2059842-2059807;2R:-:2059842-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_47118	TSDLLLVMSNLYSLK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	57	1.58E-05	2	1712.929	8.49	Ovary	2R:-:2060109-2060065;2R:-:2060109-2060065	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_47357	KYNANVPLVLMNSFNTDVDTEK	AGAP001257-PA,AGAP001257-PB	-	45	0.000403217	1	2512.245	2.24	Malpighian tubule	2R:-:2060937-2060872;2R:-:2060937-2060872	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_47381	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	63	7.39E-07	1	1010.626	1.13	Malpighian tubule	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_47723	EYCFLSNIDNLGATVDIK	AGAP001257-PA,AGAP001257-PB	C3(Carbamidomethyl)	65	5.74E-06	2	2071.999	-0.96	Midgut	2R:-:2060574-2060521;2R:-:2060574-2060521	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_48971	LPQEAHIR	AGAP001257-PA,AGAP001257-PB	-	54	3.79E-05	1	963.534	-2.96	Head	2R:-:2061108-2061085;2R:-:2061108-2061085	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_49580	TSDLLLVMSNLYSLK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	70	9.14E-07	2	1712.922	4.64	Visceras	2R:-:2060109-2060065;2R:-:2060109-2060065	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_51117	LGDNHFSK	AGAP001257-PA,AGAP001257-PB	-	37	0.002142187	1	917.443	-4.76	Head	2R:-:2060007-2059984;2R:-:2060007-2059984	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_51123	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	90	1.09E-08	1	1577.733	5.99	Larva	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_51373	IDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	77	1.13E-07	2	1253.710	0.26	Midgut	2R:-:2059842-2059807;2R:-:2059842-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_52816	TFKFFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	101	1.17E-09	1	1658.849	2.98	Malpighian tubule	2R:-:2060334-2060296;2R:-:2060334-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB

JHU_Ag_52912	GTVIIIANHGDRIDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	76	5.43E-08	1	2500.400	4.74	Head	2R:-:2059878-2059807;2R:-:2059878-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_53299	FLQEDGPSVEWDRIEK	AGAP001257-PA,AGAP001257-PB	-	60	1.69E-05	1	1947.942	-1.21	Visceras	2R:-:2061195-2061148;2R:-:2061195-2061148	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_53770	DFDIENDIEAWYPPGHGDFYQSFQNSGLLR	AGAP001257-PA,AGAP001257-PB	-	71	7.34E-07	1	3530.614	6.08	Head	2R:-:2060772-2061369,2059771-2060596;2R:-:2060772-2061369,2059771-2060596	exon=> In CDS Exon 3 and 2 of transcript AGAP001257-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP001257-PB
JHU_Ag_54368	FLQEDGPSVEWDRIEK	AGAP001257-PA,AGAP001257-PB	-	85	6.02E-08	1	1947.946	0.42	Malpighian tubule	2R:-:2061195-2061148;2R:-:2061195-2061148	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_55784	NDLTFLDMTVQQIEFLNKK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	56	3.42E-05	1	2313.181	0.55	Malpighian tubule	2R:-:2060991-2060935;2R:-:2060991-2060935	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_56014	YGSLVMSPQR	AGAP001257-PA,AGAP001257-PB	M6(Oxidation)	67	2.93E-06	1	1153.567	-0.11	Head	2R:-:2060064-2060035;2R:-:2060064-2060035	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_56253	GGTLIHYENK	AGAP001257-PA,AGAP001257-PB	-	38	0.002745044	2	1131.578	-1.35	Midgut	2R:-:2060427-2060398;2R:-:2060427-2060398	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_56819	TMNMEIIVNNK	AGAP001257-PA,AGAP001257-PB	M2(Oxidation), M4(Oxidation)	59	2.19E-05	1	1338.641	1.23	Ovary	2R:-:2060262-2060230;2R:-:2060262-2060230	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_56827	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	58	2.65E-06	2	1010.624	-0.56	Pupa	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_58397	IDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	81	3.86E-08	2	1253.711	0.84	Pupa	2R:-:2059842-2059807;2R:-:2059842-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_58819	QGDKPIEFVMEVTDKTR	AGAP001257-PA,AGAP001257-PB	-	112	1.01E-10	1	1993.012	3.1	Malpighian tubule	2R:-:2060490-2060440;2R:-:2060490-2060440	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_61745	LLEIAQVPKEHVDDFK	AGAP001257-PA,AGAP001257-PB	-	42	0.000455502	1	1881.013	0.72	Malpighian tubule	2R:-:2060391-2060344;2R:-:2060391-2060344	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_62362	YGSLVMSPQR	AGAP001257-PA,AGAP001257-PB	M6(Oxidation)	78	2.16E-07	1	1153.566	-0.74	Visceras	2R:-:2060064-2060035;2R:-:2060064-2060035	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB

JHU_Ag_62838	CFDGGIGINVPR	AGAP001257-PA,AGAP001257-PB	C1(Carbamidomethyl)	58	2.70E-05	1	1304.642	0.28	Malpighian tubule	2R:-:2060169-2060134;2R:-:2060169-2060134	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_63023	YKGFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C15(Carbamidomethyl)	103	7.36E-10	1	2299.103	2.99	Malpighian tubule	2R:-:2060859-2060806;2R:-:2060859-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_63372	EYCFLSNIDNLGATVDIK	AGAP001257-PA,AGAP001257-PB	C3(Carbamidomethyl)	140	1.53E-13	1	2072.010	4.58	Head	2R:-:2060574-2060521;2R:-:2060574-2060521	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_63940	FLEEGREYCFLSNIDNLGATVDIK	AGAP001257-PA,AGAP001257-PB	C9(Carbamidomethyl)	118	2.10E-11	1	2803.371	3.78	Malpighian tubule	2R:-:2060592-2060521;2R:-:2060592-2060521	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_64768	VKEFLSR	AGAP001257-PA,AGAP001257-PB	-	47	0.000214491	1	878.509	-0.03	Head	2R:-:2059983-2059963;2R:-:2059983-2059963	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_65522	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	56	4.09E-06	2	1010.624	-0.25	Salivary gland	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_68943	GTVIIIANHGDRIDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	122	1.68E-12	1	2500.386	-0.83	Midgut	2R:-:2059878-2059807;2R:-:2059878-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_69133	YNANVPLVLMNSFNTDVDTEK	AGAP001257-PA,AGAP001257-PB	-	43	0.000830057	2	2384.152	3.34	Ovary	2R:-:2060934-2060872;2R:-:2060934-2060872	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_69901	VIQLETAVGAAMK	AGAP001257-PA,AGAP001257-PB	M12(Oxidation)	41	0.001037497	2	1346.739	3.18	Male reproductive organs	2R:-:2060208-2060170;2R:-:2060208-2060170	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_70361	GFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C13(Carbamidomethyl)	120	1.71E-11	1	2007.941	1.31	Visceras	2R:-:2060853-2060806;2R:-:2060853-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_70584	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	111	8.96E-11	1	1577.729	3.75	Malpighian tubule	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_71208	DLDHLLETVEESRK	AGAP001257-PA,AGAP001257-PB	-	103	7.06E-10	1	1683.851	-2.28	Head	2R:-:2061285-2061244;2R:-:2061285-2061244	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_71559	GFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C13(Carbamidomethyl)	74	6.21E-07	2	2007.933	-2.76	Midgut	2R:-:2060853-2060806;2R:-:2060853-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_74500	DSLLPIAK	AGAP001257-PA,AGAP001257-PB	-	32	0.003493746	1	856.514	-0.2	Head	2R:-:2060796-2060773;2R:-:2060796-2060773	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB

JHU_Ag_74772	IDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	100	5.68E-10	1	1253.711	0.45	Visceras	2R:-:2059842-2059807;2R:-:2059842-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_75556	EMCGFEALYHR	AGAP001257-PA,AGAP001257-PB	M2(Oxidation), C3(Carbamidomethyl),C3(Carbamidomethyl)	75	2.10E-07	1	1412.609	-0.04	Visceras	2R:-:2061228-2061196;2R:-:2061228-2061196	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_75854	LPEEAVKDYSTLK	AGAP001257-PA,AGAP001257-PB	-	95	4.65E-09	1	1492.786	-2.25	Midgut	2R:-:2061147-2061109;2R:-:2061147-2061109	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_76776	YGSLVMSPQR	AGAP001257-PA,AGAP001257-PB	M6(Oxidation)	71	1.16E-06	2	1153.566	-1.06	Salivary gland	2R:-:2060064-2060035;2R:-:2060064-2060035	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_76984	VIQLETAVGAAMK	AGAP001257-PA,AGAP001257-PB	M12(Oxidation)	78	2.30E-07	2	1346.734	-0.62	Midgut	2R:-:2060208-2060170;2R:-:2060208-2060170	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_78765	YKGFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C15(Carbamidomethyl)	46	0.000401116	1	2299.104	3.31	Ovary	2R:-:2060859-2060806;2R:-:2060859-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_79131	YGSLVMSPQR	AGAP001257-PA,AGAP001257-PB	M6(Oxidation)	66	3.63E-06	1	1153.568	0.84	Ovary	2R:-:2060064-2060035;2R:-:2060064-2060035	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_81377	DLDHLLETVEESRK	AGAP001257-PA,AGAP001257-PB	-	65	4.97E-06	1	1683.858	1.96	Pupa	2R:-:2061285-2061244;2R:-:2061285-2061244	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_82293	KYNANVPLVLMNSFNTDVDTEK	AGAP001257-PA,AGAP001257-PB	-	62	9.80E-06	1	2512.243	1.73	Visceras	2R:-:2060937-2060872;2R:-:2060937-2060872	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_82524	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	64	5.60E-06	1	1282.634	0.82	Visceras	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_83271	VIQLETAVGAAMK	AGAP001257-PA,AGAP001257-PB	M12(Oxidation)	93	6.44E-09	2	1346.737	1.28	Ovary	2R:-:2060208-2060170;2R:-:2060208-2060170	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_83592	IDIPAGAILENK	AGAP001257-PA,AGAP001257-PB	-	30	0.00534624	2	1253.714	3.37	Larva	2R:-:2059842-2059807;2R:-:2059842-2059807	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_84771	LGDNHFSK	AGAP001257-PA,AGAP001257-PB	-	46	0.00038096	1	917.449	1.63	Ovary	2R:-:2060007-2059984;2R:-:2060007-2059984	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_85196	LLEIAQVPK	AGAP001257-PA,AGAP001257-PB	-	68	2.27E-07	2	1010.625	-0.01	Visceras	2R:-:2060391-2060365;2R:-:2060391-2060365	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB

JHU_Ag_85284	LNGGLGTSMGCHGPK	AGAP001257-PA,AGAP001257-PB	C11(Carbamidomethyl)	93	5.84E-09	1	1485.697	2.22	Visceras	2R:-:2061054-2061010;2R:-:2061054-2061010	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_85409	LLEIAQVPKEHVDDFK	AGAP001257-PA,AGAP001257-PB	-	57	1.65E-05	1	1881.014	1.45	Ovary	2R:-:2060391-2060344;2R:-:2060391-2060344	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_85446	GTVIIIANHGDR	AGAP001257-PA,AGAP001257-PB	-	51	6.19E-05	2	1265.700	2.68	Larva	2R:-:2059878-2059843;2R:-:2059878-2059843	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_86074	TSDLLLVMSNLYSLK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	105	3.47E-10	1	1712.914	0.23	Malpighian tubule	2R:-:2060109-2060065;2R:-:2060109-2060065	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_86527	IPSDTKEFHEATK	AGAP001257-PA,AGAP001257-PB	-	114	7.31E-11	1	1502.751	1.61	Malpighian tubule	2R:-:2061351-2061313;2R:-:2061351-2061313	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_86677	IPSDTKEFHEATK	AGAP001257-PA,AGAP001257-PB	-	47	0.000393788	1	1502.750	0.78	Head	2R:-:2061351-2061313;2R:-:2061351-2061313	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_86776	NDLTFLDMTVQQIEFLNKK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	36	0.003624956	1	2313.179	-0.24	Midgut	2R:-:2060991-2060935;2R:-:2060991-2060935	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_86915	VIQLETAVGAAMK	AGAP001257-PA,AGAP001257-PB	M12(Oxidation)	102	8.45E-10	1	1346.740	3.46	Head	2R:-:2060208-2060170;2R:-:2060208-2060170	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_87094	LPQEAHIR	AGAP001257-PA,AGAP001257-PB	-	42	0.000718155	2	963.537	-0.11	Pupa	2R:-:2061108-2061085;2R:-:2061108-2061085	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_90895	YKGFQVQIYTFNQSCYPR	AGAP001257-PA,AGAP001257-PB	C15(Carbamidomethyl)	54	6.35E-05	1	2299.106	3.94	Head	2R:-:2060859-2060806;2R:-:2060859-2060806	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_91104	KTSDLLLVMSNLYSLK	AGAP001257-PA,AGAP001257-PB	-	112	3.81E-11	2	1825.020	3.51	Visceras	2R:-:2060112-2060065;2R:-:2060112-2060065	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_92005	YNANVPLVLMNSFNTDVDTEK	AGAP001257-PA,AGAP001257-PB	M10(Oxidation)	92	1.10E-08	1	2384.147	1.08	Head	2R:-:2060934-2060872;2R:-:2060934-2060872	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_93478	LPEEAVKDYSTLK	AGAP001257-PA,AGAP001257-PB	-	92	9.04E-09	1	1492.791	1.35	Head	2R:-:2061147-2061109;2R:-:2061147-2061109	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_93890	NDLTFLDMTVQQIEFLNKK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	67	2.57E-06	1	2297.155	-12.8	Visceras	2R:-:2060991-2060935;2R:-:2060991-2060935	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB

JHU_Ag_94020	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	82	6.45E-08	2	1577.725	1.27	Salivary gland	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_94086	CFDGGIGINVPR	AGAP001257-PA,AGAP001257-PB	C1(Carbamidomethyl)	77	3.46E-07	1	1304.643	0.74	Visceras	2R:-:2060169-2060134;2R:-:2060169-2060134	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_94661	DLDHLLETVEESRK	AGAP001257-PA,AGAP001257-PB	-	93	6.33E-09	1	1683.865	5.96	Midgut	2R:-:2061285-2061244;2R:-:2061285-2061244	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_95534	CFDGGIGINVPR	AGAP001257-PA,AGAP001257-PB	C1(Carbamidomethyl)	65	6.43E-06	2	1304.640	-1.13	Midgut	2R:-:2060169-2060134;2R:-:2060169-2060134	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_95555	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	-	83	6.01E-08	1	1282.637	3.3	Pupa	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_96042	TMNMEIIVNNK	AGAP001257-PA,AGAP001257-PB	M2(Oxidation), M4(Oxidation)	68	2.58E-06	1	1338.641	1.14	Head	2R:-:2060262-2060230;2R:-:2060262-2060230	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_96454	FFNTNNIWAR	AGAP001257-PA,AGAP001257-PB	N5(Deamidated),N6(Deamidated)	83	6.09E-08	1	1282.633	0.54	Midgut	2R:-:2060325-2060296;2R:-:2060325-2060296	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_96616	QGDKPIEFVMEVTDKTR	AGAP001257-PA,AGAP001257-PB	-	45	0.000541396	1	1993.009	1.35	Ovary	2R:-:2060490-2060440;2R:-:2060490-2060440	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_98263	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	67	2.29E-06	2	1577.716	-4.76	Visceras	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_98331	DSLLPIAK	AGAP001257-PA,AGAP001257-PB	-	41	0.000442885	2	856.513	-0.7	Visceras	2R:-:2060796-2060773;2R:-:2060796-2060773	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_99375	YNANVPLVLMNSFNTDVDTEKVIR	AGAP001257-PA,AGAP001257-PB	-	71	7.20E-07	1	2752.415	6.47	Malpighian tubule	2R:-:2060934-2060863;2R:-:2060934-2060863	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_99755	FANIPDLIELDHLTVSGDVTFGR	AGAP001257-PA,AGAP001257-PB	-	63	5.23E-06	1	2529.305	2.58	Visceras	2R:-:2059962-2059894;2R:-:2059962-2059894	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_100899	NDLTFLDMTVQQIEFLNK	AGAP001257-PA,AGAP001257-PB	M8(Oxidation)	141	1.04E-13	1	2185.084	-0.23	Malpighian tubule	2R:-:2060991-2060938;2R:-:2060991-2060938	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_101486	ISRDSLLPIAK	AGAP001257-PA,AGAP001257-PB	-	38	0.000637225	1	1212.730	-0.68	Malpighian tubule	2R:-:2060805-2060773;2R:-:2060805-2060773	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB

JHU_Ag_103837	LPEEAVKDYSTLK	AGAP001257-PA,AGAP001257-PB	-	44	0.000493993	1	1492.791	0.94	Pupa	2R:-:2061147-2061109;2R:-:2061147-2061109	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_104357	FLQEDGPSVEWDRIEK	AGAP001257-PA,AGAP001257-PB	-	61	1.39E-05	1	1947.948	1.61	Ovary	2R:-:2061195-2061148;2R:-:2061195-2061148	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_104897	CFDGGIGINVPR	AGAP001257-PA,AGAP001257-PB	C1(Carbamidomethyl)	55	6.13E-05	2	1304.647	3.93	Ovary	2R:-:2060169-2060134;2R:-:2060169-2060134	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_105020	GGTLIHYENK	AGAP001257-PA,AGAP001257-PB	-	56	4.16E-05	1	1131.579	-0.59	Malpighian tubule	2R:-:2060427-2060398;2R:-:2060427-2060398	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_106789	LGDNHFSK	AGAP001257-PA,AGAP001257-PB	-	40	0.001220646	1	917.448	0.56	Malpighian tubule	2R:-:2060007-2059984;2R:-:2060007-2059984	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_108813	GTVIIIANHGDR	AGAP001257-PA,AGAP001257-PB	-	75	2.65E-07	1	1265.695	-1.08	Visceras	2R:-:2059878-2059843;2R:-:2059878-2059843	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_109334	FLQEDGPSVEWDR	AGAP001257-PA,AGAP001257-PB	-	107	2.31E-10	1	1577.722	-0.43	Midgut	2R:-:2061195-2061157;2R:-:2061195-2061157	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_109968	TMNMEIIVNNK	AGAP001257-PA,AGAP001257-PB	M2(Oxidation),"M2(Oxidation), M4(Oxidation)"	78	2.54E-07	1	1338.641	0.96	Malpighian tubule	2R:-:2060262-2060230;2R:-:2060262-2060230	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_110873	MFPTTPLVK	AGAP001257-PA,AGAP001257-PB	M1(Oxidation)	33	0.005833369	1	1049.573	2.4	Malpighian tubule	2R:-:2060034-2060008;2R:-:2060034-2060008	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_111332	GGTLIHYENKLR	AGAP001257-PA,AGAP001257-PB	-	72	7.00E-07	1	1400.767	2.04	Malpighian tubule	2R:-:2060427-2060392;2R:-:2060427-2060392	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_112176	DLDHLLETVEESRK	AGAP001257-PA,AGAP001257-PB	-	74	5.49E-07	1	1683.856	0.87	Visceras	2R:-:2061285-2061244;2R:-:2061285-2061244	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_113297	DLDHLLETVEESR	AGAP001257-PA,AGAP001257-PB	-	67	2.74E-06	1	1555.761	0.49	Malpighian tubule	2R:-:2061285-2061247;2R:-:2061285-2061247	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_113620	VKEFLSR	AGAP001257-PA,AGAP001257-PB	-	47	0.000214985	1	878.510	0.46	Malpighian tubule	2R:-:2059983-2059963;2R:-:2059983-2059963	exon=> In CDS Exon 3 of transcript AGAP001257-PA;exon=> In CDS Exon 3 of transcript AGAP001257-PB
JHU_Ag_115138	EMCGFEALYHR	AGAP001257-PA,AGAP001257-PB	M2(Oxidation),C3(Carbamidomethyl),C3(Carbamidomethyl)	74	3.27E-07	1	1412.617	5.92	Malpighian tubule	2R:-:2061228-2061196;2R:-:2061228-2061196	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB

JHU_Ag_116240	YNANVPLVLMNSFNTDVDTEK	AGAP001257-PA,AGAP001257-PB	-	55	4.83E-05	1	2384.154	4.05	Midgut	2R:-:2060934-2060872;2R:-:2060934-2060872	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_116616	DLDHLLETVEESR	AGAP001257-PA,AGAP001257-PB	-	63	6.38E-06	1	1555.768	4.96	Midgut	2R:-:2061285-2061247;2R:-:2061285-2061247	exon=> In CDS Exon 2 of transcript AGAP001257-PA;exon=> In CDS Exon 2 of transcript AGAP001257-PB
JHU_Ag_41538	MLNIPNEKVR	AGAP001257-PB	N-Term(Acetyl), M1(Oxidation)	34	0.006067 57	1	1271.678	-0.13	Malpighian tubule	2R:-:2065073-2065073,2060744-2061364	exon=> In CDS Exon 2 and 1 of transcript AGAP001257-PB
JHU_Ag_929	GGIIAEVLAVESFK	AGAP001264-PA	-	55	1.48E-05	2	1432.805	0.37	Ovary	2R:+:2096244-2096285	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_4903	KIPVACITVEDAQMLLR	AGAP001264-PA	C6(Carbamidomethyl), M14(Oxidation)	43	0.000591 936	3	1973.057	0.34	Midgut	2R:+:2096499-2096549	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_10371	EFETIPAEQVR	AGAP001264-PA	-	41	0.001449 325	2	1318.663	-0.34	Ovary	2R:+:2096286-2096318	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_11020	AILWTGEEEGLYGGAAYK	AGAP001264-PA	-	104	5.94E-10	2	1927.946	1.24	Midgut	2R:+:2096808-2096861	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_13620	GFPGASLLNK	AGAP001264-PA	-	49	0.000210 954	2	1003.557	-0.29	Pupa	2R:+:2097142-2097171	exon=> In CDS Exon 2 of transcript AGAP001264-PA
JHU_Ag_18377	IVVFSPVWESYGR	AGAP001264-PA	-	49	0.000170 416	2	1538.803	1.57	Male reproductive organs	2R:+:2096325-2096363	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_20079	GAVAALVR	AGAP001264-PA	-	53	2.42E-05	2	756.474	1.21	Ovary	2R:+:2096409-2096432	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_21737	VAGSEQLEK	AGAP001264-PA	-	51	0.000149 319	2	960.499	-1.23	Ovary	2R:+:2096046-2096072	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_22793	KGAVAALVR	AGAP001264-PA	-	44	0.000155 772	2	884.569	1.11	Malpighian tubule	2R:+:2096406-2096432	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_25605	KGAVAALVR	AGAP001264-PA	-	45	0.000134 428	2	884.569	2	Ovary	2R:+:2096406-2096432	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_32672	GLDFVGNADAECIFR	AGAP001264-PA	C12(Carbamidomethyl)	97	2.47E-09	1	1683.780	0.2	Pupa	2R:+:2096937-2096981	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_46373	GYESAELVKPFR	AGAP001264-PA	-	83	6.44E-08	1	1395.727	0.34	Pupa	2R:+:2096160-2096195	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_46560	NLPLLGLGSSVGTPR	AGAP001264-PA	-	108	4.05E-11	2	1480.848	-0.47	Midgut	2R:+:2096199-2096243	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_49140	IVVFSPVWESYGR	AGAP001264-PA	-	78	2.15E-07	1	1538.804	2.44	Pupa	2R:+:2096325-2096363	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_56168	NLPLLGLGSSVGTPR	AGAP001264-PA	-	80	2.97E-08	2	1480.849	0.6	Pupa	2R:+:2096199-2096243	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_61460	GLDFVGNADAECIFR	AGAP001264-PA	C12(Carbamidomethyl)	85	4.10E-08	1	1683.785	3.24	Malpighian tubule	2R:+:2096937-2096981	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_68012	AIDYVIDK	AGAP001264-PA	-	46	0.000444 349	1	936.502	-1.31	Malpighian tubule	2R:+:2096073-2096096	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_72338	NLPLLGLGSSVGTPR	AGAP001264-PA	-	61	2.19E-06	2	1480.849	0.27	Ovary	2R:+:2096199-2096243	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_88729	GYESAELVKPFR	AGAP001264-PA	-	61	8.60E-06	1	1395.735	5.67	Midgut	2R:+:2096160-2096195	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_97025	ALTYLK	AGAP001264-PA	-	28	0.001493 628	1	708.430	0.96	Pupa	2R:+:2096757-2096774	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_98523	GYESAELVKPFRK	AGAP001264-PA	-	81	7.17E-08	1	1523.824	1.73	Malpighian tubule	2R:+:2096160-2096198	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_106412	GGIIAEVLAVESFKEFETIPAEQVR	AGAP001264-PA	-	45	0.000175 464	1	2732.456	2.01	Malpighian tubule	2R:+:2096244-2096318	exon=> In CDS Exon 1 of transcript AGAP001264-PA

JHU_Ag_112880	AILWTGEEEGLYGGAAYK	AGAP001264-PA	-	70	1.67E-06	1	1927.948	2.38	Pupa	2R:+:2096808-2096861	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_114332	AIDYVIDK	AGAP001264-PA	-	49	0.000219647	2	936.503	-0.65	Pupa	2R:+:2096073-2096096	exon=> In CDS Exon 1 of transcript AGAP001264-PA
JHU_Ag_92981	TPQPPSTPDPSTQQSVK	AGAP001265-PA	-	60	1.49E-05	1	1794.889	1.15	Head	2R:-:2102566-2102516	exon=> In CDS Exon 7 of transcript AGAP001265-PA
JHU_Ag_1806	RPADTQELVQHILSLATQDSDNPDLR	AGAP001267-PA	-	93	5.28E-09	1	2932.485	3.04	Malpighian tubule	2R:+:2130540-2130617	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_1888	VNYVVQEAIVVIK	AGAP001267-PA	-	73	1.50E-07	1	1473.864	-2.24	Salivary gland	2R:+:2130264-2130302	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_4147	LYDISSSMVEDQGFLDQLK	AGAP001267-PA	-	84	4.82E-08	2	2188.056	3.78	Head	2R:+:2129421-2129444,2129520-2129552	exon=> In CDS Exon 3 and 4 of transcript AGAP001267-PA
JHU_Ag_4491	GLEIQGTFSR	AGAP001267-PA	-	43	0.000684388	2	1107.578	-1.06	Salivary gland	2R:+:2131194-2131223	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_4540	VFLTTWK	AGAP001267-PA	-	29	0.007192421	1	894.509	0.71	Head	2R:+:2131533-2131553	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_5626	LAPPLVTLLSSEPEVQYVALR	AGAP001267-PA	-	66	6.17E-07	2	2295.295	-0.33	Head	2R:+:2129907-2129969	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_8148	SQPDMAIMAVNTFVK	AGAP001267-PA	-	71	1.41E-06	2	1651.820	0.79	Head	2R:+:2126913-2126957	exon=> In CDS Exon 2 of transcript AGAP001267-PA
JHU_Ag_8583	LANQSNIAQVLSELK	AGAP001267-PA	-	119	7.26E-12	1	1627.904	1.79	Head	2R:+:2130090-2130134	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_8866	LLEILAGDNDFCSMLTK	AGAP001267-PA	C12(Carbamidomethyl), M14(Oxidation)	47	0.000283019	1	1955.948	1.36	Head	2R:+:2129853-2129903	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_9293	LVYLYLMNYAK	AGAP001267-PA	M7(Oxidation)	65	2.96E-06	1	1390.747	1.84	Head	2R:+:2126880-2126912	exon=> In CDS Exon 2 of transcript AGAP001267-PA
JHU_Ag_9742	RPADTQELVQHILSLATQDSDNPDLRDR	AGAP001267-PA	-	112	6.49E-11	1	3203.623	6.03	Ovary	2R:+:2130540-2130623	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_11642	KLAPPLVTLLSSEPEVQYVALR	AGAP001267-PA	-	29	0.00091432	1	2423.400	3.56	Ovary	2R:+:2129904-2129969	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_12717	LSPGSSDATLSLK	AGAP001267-PA	-	37	0.002972406	2	1275.681	1.14	Pupa	2R:+:2131740-2131778	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_14727	ITWLPADKGK	AGAP001267-PA	-	39	0.001293616	1	1128.646	4.05	Malpighian tubule	2R:+:2131164-2131193	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_17106	ITWLPADK	AGAP001267-PA	-	46	0.000319848	1	943.525	0.7	Head	2R:+:2131164-2131187	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_26316	RPDILK	AGAP001267-PA	-	34	0.002256284	1	741.459	-3.95	Head	2R:+:2129994-2130011	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_27369	GLEIQGTFSR	AGAP001267-PA	-	40	0.001439802	2	1107.580	1.03	Pupa	2R:+:2131194-2131223	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_35142	ITEYLCEPLRK	AGAP001267-PA	C6(Carbamidomethyl)	48	0.000204275	1	1421.751	3.7	Salivary gland	2R:+:2129331-2129363	exon=> In CDS Exon 3 of transcript AGAP001267-PA
JHU_Ag_36197	ASMVWIIGEYAER	AGAP001267-PA	-	75	5.40E-07	2	1524.752	0.26	Head	2R:+:2130393-2130431	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_36539	YPNKYESIISTLCENLDTLDEPEAR	AGAP001267-PA	C13(Carbamidomethyl)	126	3.98E-12	1	2970.408	1.32	Head	2R:+:2130318-2130392	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_36827	EIPAANEIQYNLHGIVGTADTVAAK	AGAP001267-PA	-	90	8.12E-09	1	2595.349	2.84	Head	2R:+:2131554-2131628	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_36952	TDSKYFTTTK	AGAP001267-PA	N-Term(Acetyl)	57	3.88E-05	1	1233.602	1.58	Malpighian tubule	2R:+:2126596-2126625	exon=> In CDS Exon 1 of transcript AGAP001267-PA
JHU_Ag_37524	EIPAANEIQYNLHGIVGTADTVAAK	AGAP001267-PA	-	57	1.71E-05	1	2595.344	0.93	Ovary	2R:+:2131554-2131628	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_42585	MEPLNNLQVAIK	AGAP001267-PA	M1(Oxidation)	53	5.78E-05	2	1385.746	-0.18	Head	2R:+:2131416-2131451	exon=> In CDS Exon 4 of transcript AGAP001267-PA

JHU_Ag_45742	RPADTQELVQHILSLATQDSDNPDLRDR	AGAP001267-PA	-	97	2.16E-09	1	3203.623	5.88	Malpighian tubule	2R:+:2130540-2130623	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_48034	GLEIQGTFSR	AGAP001267-PA	-	53	6.33E-05	2	1107.581	1.25	Male reproductive organs	2R:+:2131194-2131223	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_48730	NVEGQDMLYQSLK	AGAP001267-PA	M7(Oxidation)	65	4.83E-06	1	1540.731	0.08	Head	2R:+:2131665-2131703	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_50631	NINLIVQK	AGAP001267-PA	-	48	7.59E-05	1	941.577	-0.65	Head	2R:+:2129970-2129993	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_52201	LAHANAAVVLSAIK	AGAP001267-PA	-	74	3.88E-08	1	1377.824	1.69	Ovary	2R:+:2129799-2129840	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_53129	ASMVWIIGEYAER	AGAP001267-PA	-	49	0.000204004	1	1524.751	-0.38	Ovary	2R:+:2130393-2130431	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_56306	KLVYLYLMNYAK	AGAP001267-PA	M8(Oxidation)	57	1.69E-05	1	1534.836	1.48	Head	2R:+:2126877-2126912	exon=> In CDS Exon 2 of transcript AGAP001267-PA
JHU_Ag_59635	KLAPPLVTLLSSEPEVQYVALR	AGAP001267-PA	-	103	4.46E-11	1	2423.398	2.88	Head	2R:+:2129904-2129969	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_65914	DCEDTNPLIR	AGAP001267-PA	C2(Carbamidomethyl)	32	0.004817413	1	1232.557	-0.27	Head	2R:+:2129259-2129288	exon=> In CDS Exon 3 of transcript AGAP001267-PA
JHU_Ag_67790	YESIISTLCENLDTLDEPEAR	AGAP001267-PA	C9(Carbamidomethyl)	140	1.53E-13	1	2468.149	-0.15	Head	2R:+:2130330-2130392	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_68920	LVYLYLMNYAK	AGAP001267-PA	M7(Oxidation)	73	5.88E-07	2	1390.745	0.87	Ovary	2R:+:2126880-2126912	exon=> In CDS Exon 2 of transcript AGAP001267-PA
JHU_Ag_69862	LAHANAAVVLSAIK	AGAP001267-PA	-	76	2.32E-08	1	1377.822	0.18	Malpighian tubule	2R:+:2129799-2129840	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_70104	VNYVVQEAIVVIK	AGAP001267-PA	-	61	1.98E-06	2	1473.869	0.83	Male reproductive organs	2R:+:2130264-2130302	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_70597	LSPGSSDATLSLK	AGAP001267-PA	-	56	4.22E-05	2	1275.678	-0.77	Head	2R:+:2131740-2131778	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_71899	LTNNIWVLLELK	AGAP001267-PA	-	40	0.000265963	2	1455.862	3.06	Head	2R:+:2131704-2131739	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_74765	NINLIVQK	AGAP001267-PA	N1(Deamidated)	33	0.003627664	2	942.574	12.48	Visceras	2R:+:2129970-2129993	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_75084	CVSTLLDLIQTK	AGAP001267-PA	C1(Carbamidomethyl)	93	4.61E-09	1	1390.763	1.37	Head	2R:+:2130228-2130263	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_77707	RPADTQELVQHILSLATQDSDNPDLR	AGAP001267-PA	-	148	1.73E-14	1	2932.494	6.29	Ovary	2R:+:2130540-2130617	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_77803	GLEIQGTFSR	AGAP001267-PA	-	42	0.000908453	2	1107.579	-0.18	Ovary	2R:+:2131194-2131223	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_79568	KGEIFELK	AGAP001267-PA	-	55	2.76E-05	1	963.550	-1.33	Head	2R:+:2126626-2126649	exon=> In CDS Exon 1 of transcript AGAP001267-PA
JHU_Ag_81598	LANQSNIAQVLSELK	AGAP001267-PA	-	68	9.51E-07	2	1627.906	2.76	Malpighian tubule	2R:+:2130090-2130134	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_85044	KGEIFELK	AGAP001267-PA	-	46	0.000151157	1	963.552	0.76	Male reproductive organs	2R:+:2126626-2126649	exon=> In CDS Exon 1 of transcript AGAP001267-PA
JHU_Ag_89348	ITEYLCEPLRK	AGAP001267-PA	C6(Carbamidomethyl)	74	5.89E-07	1	1421.745	-0.34	Head	2R:+:2129331-2129363	exon=> In CDS Exon 3 of transcript AGAP001267-PA
JHU_Ag_93237	AMQAMTGFAIQLNK	AGAP001267-PA	M2(Oxidation), M5(Oxidation)	60	1.32E-05	2	1555.767	3.92	Salivary gland	2R:+:2131266-2131307	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_93415	MTANSIFTIAK	AGAP001267-PA	M1(Oxidation)	49	0.000130683	2	1212.632	2.29	Salivary gland	2R:+:2131629-2131661	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_96496	LAPPLVTLLSSEPEVQYVALR	AGAP001267-PA	-	92	1.20E-09	1	2295.299	1.32	Ovary	2R:+:2129907-2129969	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_96904	CVSTLLDLIQTK	AGAP001267-PA	C1(Carbamidomethyl)	63	5.19E-06	2	1390.763	1.37	Ovary	2R:+:2130228-2130263	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_96968	LANQSNIAQVLSELK	AGAP001267-PA	-	49	8.25E-05	1	1627.899	-1.28	Male reproductive organs	2R:+:2130090-2130134	exon=> In CDS Exon 4 of transcript AGAP001267-PA

JHU_Ag_99419	LAHANAAVVLSAIK	AGAP001267-PA	-	64	3.83E-07	1	1377.825	2.7	Salivary gland	2R:+:2129799-2129840	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_105979	LANQSNIAQVLSELK	AGAP001267-PA	-	93	2.52E-09	1	1627.909	4.56	Salivary gland	2R:+:2130090-2130134	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_107069	EYATEVDVDFVR	AGAP001267-PA	-	47	0.000283752	1	1442.682	1.18	Head	2R:+:2130135-2130170	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_110846	RPADTQELVQHILSLATQDSDNPDLR	AGAP001267-PA	-	148	1.58E-14	1	2932.484	2.67	Head	2R:+:2130540-2130617	exon=> In CDS Exon 4 of transcript AGAP001267-PA
JHU_Ag_12029	LFLLSALSDIR	AGAP001270-PA	-	41	0.000230224	2	1247.738	1.49	Ovary	2R:-:2146302-2146270	exon=> In CDS Exon 2 of transcript AGAP001270-PA
JHU_Ag_40839	IKINITK	AGAP001271-PA,AGAP001271-PB	-	29	0.001920653	1	829.552	1.6	Ovary	2R:+:2158487-2158507;2R:+:2158487-2158507	exon=> In CDS Exon 13 of transcript AGAP001271-PA;exon=> In CDS Exon 12 of transcript AGAP001271-PB
JHU_Ag_5396	LGVVQPLLSFIQPEIPIPFLR	AGAP001273-PA	-	67	1.87E-07	1	2376.402	-1.5	Midgut	2R:+:2178318-2178380	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_5779	AGNSSDKEGQLAAVQAAR	AGAP001273-PA	-	132	1.15E-12	1	1772.892	1.75	Malpighian tubule	2R:+:2177961-2178014	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_9871	NVTWVIVNLCR	AGAP001273-PA	C10(Carbamidomethyl)	71	1.06E-06	2	1373.738	1.43	Ovary	2R:+:2178381-2178413	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_10370	AVGNIVTGSDDQTQVVLNCDALSHFPK	AGAP001273-PA	C19(Carbamidomethyl)	53	8.17E-05	1	2885.406	-1.24	Male reproductive organs	2R:+:2178645-2178686,2178780-2178818	exon=> In CDS Exon 2 and 3 of transcript AGAP001273-PA
JHU_Ag_10697	LAGPHAEHVANLIEECDGVSKIEVLQNHENVEIYK	AGAP001273-PA	C16(Carbamidomethyl)	176	1.88E-17	1	3954.985	4.78	Malpighian tubule	2R:+:2179227-2179331	exon=> In CDS Exon 4 of transcript AGAP001273-PA
JHU_Ag_11108	LGVVQPLLSFIQPEIPIPFLR	AGAP001273-PA	-	112	4.55E-12	1	2376.410	2.04	Ovary	2R:+:2178318-2178380	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_15140	AVGNIVTGSDDQTQVVLNCDALSHFPK	AGAP001273-PA	C19(Carbamidomethyl)	53	7.36E-05	1	2885.409	-0.42	Pupa	2R:+:2178645-2178686,2178780-2178818	exon=> In CDS Exon 2 and 3 of transcript AGAP001273-PA
JHU_Ag_17839	AGAVPLFLR	AGAP001273-PA	-	55	2.04E-05	2	943.573	0.08	Ovary	2R:+:2178192-2178218	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_21293	VQTAALR	AGAP001273-PA	-	36	0.003210078	2	758.453	0.97	Ovary	2R:+:2178624-2178644	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_21871	AGNSSDKEGQLAAVQAAR	AGAP001273-PA	-	45	0.000568132	3	1772.889	0.2	Salivary gland	2R:+:2177961-2178014	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_22784	LIPLLSHVEVKVQTAALR	AGAP001273-PA	-	53	1.36E-06	1	1987.213	3.37	Malpighian tubule	2R:+:2178591-2178644	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_22989	IEVLQNHENVEIYK	AGAP001273-PA	-	94	4.79E-09	1	1727.898	1.25	Ovary	2R:+:2179290-2179331	exon=> In CDS Exon 4 of transcript AGAP001273-PA
JHU_Ag_23148	LAGPHAEHVANLIEECDGVSK	AGAP001273-PA	C16(Carbamidomethyl)	143	7.53E-14	1	2246.097	4.61	Ovary	2R:+:2179227-2179289	exon=> In CDS Exon 4 of transcript AGAP001273-PA
JHU_Ag_23972	AGAVPLFLR	AGAP001273-PA	-	59	7.61E-06	1	943.572	-0.63	Male reproductive organs	2R:+:2178192-2178218	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_25678	LAYDIIEQFFSDDVDEAVLEDLRPAADENAFQFNQNPNIPR	AGAP001273-PA	-	65	2.71E-06	1	4739.256	0.56	Ovary	2R:+:2179332-2179370,2179451-2179534	exon=> In CDS Exon 4 and 5 of transcript AGAP001273-PA
JHU_Ag_34723	AGNSSDKEGQLAAVQAAR	AGAP001273-PA	-	165	5.66E-16	1	1772.892	1.62	Ovary	2R:+:2177961-2178014	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_35634	AGAVPLFLR	AGAP001273-PA	-	71	5.10E-07	1	943.572	-0.24	Visceras	2R:+:2178192-2178218	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_36402	LIPLLSHVEVK	AGAP001273-PA	-	57	1.74E-06	2	1247.772	-0.08	Midgut	2R:+:2178591-2178623	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_41495	LAGPHAEHVANLIEECDGVSK	AGAP001273-PA	C16(Carbamidomethyl)	113	7.51E-11	1	2246.082	-2.17	Head	2R:+:2179227-2179289	exon=> In CDS Exon 4 of transcript AGAP001273-PA
JHU_Ag_42073	HGDFHTQK	AGAP001273-PA	-	49	8.96E-05	2	969.455	1.31	Ovary	2R:+:2178954-2178977	exon=> In CDS Exon 3 of transcript AGAP001273-PA

JHU_Ag_42119	LIPLLSHVEVK	AGAP001273-PA	-	56	2.08E-06	2	1247.776	2.86	Ovary	2R:+:2178591-2178623	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_45638	AGNSSDKEGQLAAVQAAR	AGAP001273-PA	-	164	7.40E-16	1	1772.889	0.38	Visceras	2R:+:2177961-2178014	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_49516	EAAWAISNLTISGNR	AGAP001273-PA	-	71	1.09E-06	2	1602.826	1.53	Head	2R:+:2178978-2179022	exon=> In CDS Exon 3 of transcript AGAP001273-PA
JHU_Ag_52476	AVGNIVTGSDDQTQVVLNCDALSHFPK	AGAP001273-PA	C19(Carbamidomethyl),"N4(Deamidated), C19(Carbamidomethyl)"	152	8.88E-15	1	2885.414	1.49	Ovary	2R:+:2178645-2178686,2178780-2178818	exon=> In CDS Exon 2 and 3 of transcript AGAP001273-PA
JHU_Ag_56175	AVGNIVTGSDDQTQVVLNCDALSHFPK	AGAP001273-PA	C19(Carbamidomethyl)	139	1.75E-13	1	2885.417	2.44	Head	2R:+:2178645-2178686,2178780-2178818	exon=> In CDS Exon 2 and 3 of transcript AGAP001273-PA
JHU_Ag_60137	AGNSSDKEGQLAAVQAAR	AGAP001273-PA	-	81	1.23E-07	1	1772.901	7.06	Head	2R:+:2177961-2178014	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_60564	ASIDSQSK	AGAP001273-PA	N-Term(Acetyl)	47	0.000328692	1	877.429	2.81	Ovary	2R:+:2176673-2176696	exon=> In CDS Exon 1 of transcript AGAP001273-PA
JHU_Ag_62723	LLTHSKDK	AGAP001273-PA	-	45	0.00015642	1	941.542	1.05	Ovary	2R:+:2178819-2178842	exon=> In CDS Exon 3 of transcript AGAP001273-PA
JHU_Ag_64372	NVPQTTESTDEEDYTLQSNLK	AGAP001273-PA	-	87	2.30E-08	2	2412.107	0.84	Ovary	2R:+:2177883-2177945	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_66637	EAAWAISNLTISGNR	AGAP001273-PA	-	98	2.15E-09	1	1602.825	1.07	Ovary	2R:+:2178978-2179022	exon=> In CDS Exon 3 of transcript AGAP001273-PA
JHU_Ag_75487	LLNSPAPNVCEQAVWALGNIIGDGPSLRDYVIK	AGAP001273-PA	C10(Carbamidomethyl)	55	1.61E-05	1	3579.872	2.6	Malpighian tubule	2R:+:2178219-2178317	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_82747	LGVVQPLLSFIQPEIPIPFLR	AGAP001273-PA	-	90	5.97E-10	1	2376.413	3.12	Malpighian tubule	2R:+:2178318-2178380	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_85834	NVPQTTESTDEEDYTLQSNLKK	AGAP001273-PA	-	66	3.71E-06	1	2540.206	2.47	Ovary	2R:+:2177883-2177948	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_86032	AVGNIVTGSDDQTQVVLNCDALSHFPK	AGAP001273-PA	C19(Carbamidomethyl)	124	6.16E-12	1	2885.417	2.44	Visceras	2R:+:2178645-2178686,2178780-2178818	exon=> In CDS Exon 2 and 3 of transcript AGAP001273-PA
JHU_Ag_86773	LAGPHAEHVANLIEECDGVSKIEVLQNHENVEIYK	AGAP001273-PA	C16(Carbamidomethyl)	159	1.02E-15	1	3954.974	2.07	Ovary	2R:+:2179227-2179331	exon=> In CDS Exon 4 of transcript AGAP001273-PA
JHU_Ag_90494	LIPLLSHVEVK	AGAP001273-PA	-	54	4.09E-06	2	1247.776	3.15	Head	2R:+:2178591-2178623	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_92171	AVGNIVTGSDDQTQVVLNCDALSHFPK	AGAP001273-PA	C19(Carbamidomethyl)	156	4.14E-15	1	2885.412	0.6	Malpighian tubule	2R:+:2178645-2178686,2178780-2178818	exon=> In CDS Exon 2 and 3 of transcript AGAP001273-PA
JHU_Ag_98341	NVTWVIVNLCR	AGAP001273-PA	C10(Carbamidomethyl)	67	2.62E-06	2	1373.742	4.19	Male reproductive organs	2R:+:2178381-2178413	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_99599	ASIDSQSK	AGAP001273-PA	N-Term(Acetyl)	47	0.000336534	1	877.425	-0.89	Malpighian tubule	2R:+:2176673-2176696	exon=> In CDS Exon 1 of transcript AGAP001273-PA
JHU_Ag_100752	VIENLK	AGAP001273-PA	-	32	0.004052802	1	715.435	0.54	Malpighian tubule	2R:+:2178936-2178953	exon=> In CDS Exon 3 of transcript AGAP001273-PA
JHU_Ag_109994	ASIDSQSKNR	AGAP001273-PA	N-Term(Acetyl)	62	1.27E-05	2	1147.570	-0.32	Malpighian tubule	2R:+:2176673-2176702	exon=> In CDS Exon 1 of transcript AGAP001273-PA
JHU_Ag_111244	NVPQTTESTDEEDYTLQSNLK	AGAP001273-PA	-	87	2.49E-08	2	2412.107	0.94	Head	2R:+:2177883-2177945	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_111444	NVPQTTESTDEEDYTLQSNLK	AGAP001273-PA	-	65	3.63E-06	2	2412.105	-0.07	Malpighian tubule	2R:+:2177883-2177945	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_112666	NVTWVIVNLCR	AGAP001273-PA	C10(Carbamidomethyl)	73	8.51E-07	2	1373.737	0.81	Salivary gland	2R:+:2178381-2178413	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_113171	NVTWVIVNLCR	AGAP001273-PA	C10(Carbamidomethyl)	72	9.21E-07	2	1373.739	2.5	Malpighian tubule	2R:+:2178381-2178413	exon=> In CDS Exon 2 of transcript AGAP001273-PA

JHU_Ag_115609	AGAVPLFLR	AGAP001273-PA	-	45	0.000187567	2	943.572	-0.83	Salivary gland	2R:+:2178192-2178218	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_116863	EGQLAAVQAAR	AGAP001273-PA	-	60	9.55E-06	2	1113.603	1.61	Ovary	2R:+:2177982-2178014	exon=> In CDS Exon 2 of transcript AGAP001273-PA
JHU_Ag_3995	NTPPNEKPACVK	AGAP001274-PA	C10(Carbamidomethyl)	38	0.001812216	1	1354.677	-1.29	Midgut	2R:+:2185691-2185726	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_5117	GVDLDQLLDMK	AGAP001274-PA	M10(Oxidation)	63	9.73E-06	1	1262.635	3.91	Larva	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_6201	GVDLDQLLDMKQEALVELMHSR	AGAP001274-PA	M10(Oxidation), M19(Oxidation)	125	4.97E-12	1	2572.286	4.22	Larva	2R:+:2185550-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_6426	GVDLDQLLDMK	AGAP001274-PA	-	50	0.00015447	1	1246.638	2.62	Malpighian tubule	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_10272	GVDLDQLLDMK	AGAP001274-PA	M10(Oxidation)	63	9.48E-06	1	1262.632	1.78	Salivary gland	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_16039	RKPQALIK	AGAP001274-PA	-	40	0.00015537	1	953.625	-0.23	Malpighian tubule	2R:+:2185646-2185669	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_19839	TFNQTEIRPDMIGHYLGEFSMTYKPVK	AGAP001274-PA	M11(Oxidation), M21(Oxidation),M21(Oxidation)	113	6.16E-11	1	3218.569	1.18	Salivary gland	2R:+:2185796-2185876	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_27575	KPQALIKK	AGAP001274-PA	Q3(Deamidated)	24	0.005362086	1	926.603	-0.06	Visceras	2R:+:2185649-2185672	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_27980	NMIIVPEMVGSTVGVYNGK	AGAP001274-PA	M2(Oxidation),"M2(Oxidation), M8(Oxidation)"	91	1.24E-08	1	2040.013	-0.5	Head	2R:+:2185739-2185795	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_31203	KNTPPNEKPACVK	AGAP001274-PA	C11(Carbamidomethyl)	44	0.000420459	1	1482.773	-0.52	Midgut	2R:+:2185688-2185726	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_31371	TFNQTEIRPDMIGHYLGEFSMTYKPVK	AGAP001274-PA	M11(Oxidation), M21(Oxidation),M21(Oxidation),M11(Oxidation)	83	6.70E-08	1	3218.563	-0.62	Midgut	2R:+:2185796-2185876	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_31479	GVDLDQLLDMK	AGAP001274-PA	M10(Oxidation)	70	2.13E-06	1	1262.631	0.91	Ovary	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_33059	GVDLDQLLDMK	AGAP001274-PA	M10(Oxidation)	75	5.36E-07	2	1246.638	2.72	Head	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_33390	NMIIVPEMVGSTVGVYNGK	AGAP001274-PA	M2(Oxidation),M8(Oxidation),"M2(Oxidation), M8(Oxidation)","M2(Oxidation), M8(Oxidation), N17(Deamidated)"	138	2.61E-13	1	2008.030	2.63	Malpighian tubule	2R:+:2185739-2185795	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_33578	GVDLDQLLDMK	AGAP001274-PA	M10(Oxidation)	70	1.70E-06	2	1246.635	-0.12	Midgut	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_34989	ADQAPEDGTKK	AGAP001274-PA	N-Term(Acetyl)	52	5.36E-05	1	1201.570	0.03	Malpighian tubule	2R:+:2185487-2185519	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_41546	QEALVELMHSR	AGAP001274-PA	-	53	6.69E-05	1	1312.667	-0.54	Salivary gland	2R:+:2185583-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA

JHU_Ag_41573	NMIIVPEMVGSTVGVYNGK	AGAP001274-PA	M2(Oxidation), N17(Deamidated),"M8(Oxidation), N17(Deamidated)",N17(Deamidated),"M2(Oxidation), M8(Oxidation)","M2(Oxidation), M8(Oxidation), N17(Deamidated)",M2(Oxidation),M8(Oxidation)	98	2.53E-09	1	2008.030	3.06	Midgut	2R:+:2185739-2185795	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_47078	TFNQTEIRPDMIGHYLGEFSMTYKPVK	AGAP001274-PA	M11(Oxidation), M21(Oxidation)	72	8.21E-07	1	3234.571	3.27	Larva	2R:+:2185796-2185876	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_48927	HGRPGIGATHSSR	AGAP001274-PA	-	51	0.000138919	1	1332.697	6.7	Ovary	2R:+:2185877-2185915	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_49084	NMIIVPEMVGSTVGVYNGK	AGAP001274-PA	N17(Deamidated)	64	6.34E-06	2	2008.030	2.88	Pupa	2R:+:2185739-2185795	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_52412	QEALVELMHSR	AGAP001274-PA	-	65	4.33E-06	1	1312.669	0.92	Head	2R:+:2185583-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_54375	GVDLDQLLDMKQEALVELMHSR	AGAP001274-PA	M10(Oxidation),"M10(Oxidation), M19(Oxidation)",M19(Oxidation)	119	1.97E-11	1	2556.280	0.14	Midgut	2R:+:2185550-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_55660	NMIIVPEMVGSTVGVYNGK	AGAP001274-PA	M2(Oxidation), M8(Oxidation),"M2(Oxidation), M8(Oxidation), N17(Deamidated)"	116	4.10E-11	1	2041.000	1.11	Larva	2R:+:2185739-2185795	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_58389	RKPQALIK	AGAP001274-PA	-	35	0.000512116	1	953.626	0.47	Ovary	2R:+:2185646-2185669	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_59990	GVDLDQLLDMK	AGAP001274-PA	M10(Oxidation)	63	9.15E-06	2	1246.639	3.21	Pupa	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_60771	KPQALIKK	AGAP001274-PA	-	31	0.000423997	2	925.620	0.67	Malpighian tubule	2R:+:2185649-2185672	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_60824	GVDLDQLLDMKQEALVELMHSR	AGAP001274-PA	M10(Oxidation),"M10(Oxidation), M19(Oxidation)",M19(Oxidation)	154	5.35E-15	1	2540.294	3.64	Malpighian tubule	2R:+:2185550-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_60893	GVDLDQLLDMKQEALVELMHSR	AGAP001274-PA	M10(Oxidation),M19(Oxidation),"M10(Oxidation), M19(Oxidation)"	70	1.40E-06	1	2556.284	1.59	Salivary gland	2R:+:2185550-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_61663	TFNQTEIRPDMIGHYLGEFSMTYKPVK	AGAP001274-PA	-	47	0.000234083	1	3202.578	2.46	Pupa	2R:+:2185796-2185876	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_63475	NTPPNEKPACVK	AGAP001274-PA	C10(Carbamidomethyl)	56	3.28E-05	1	1354.679	0.79	Ovary	2R:+:2185691-2185726	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_63861	ADQAPEDGTK	AGAP001274-PA	N-Term(Acetyl)	59	7.38E-06	2	1073.475	0.72	Malpighian tubule	2R:+:2185487-2185516	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_64171	KPQALIK	AGAP001274-PA	-	35	0.000424532	2	797.525	0.62	Ovary	2R:+:2185649-2185669	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_69460	HGRPGIGATHSSR	AGAP001274-PA	-	45	0.000585647	2	1332.687	-0.62	Midgut	2R:+:2185877-2185915	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_72274	TFNQTEIRPDMIGHYLGEFSMTYKPVK	AGAP001274-PA	M11(Oxidation), M21(Oxidation)	99	1.69E-09	1	3234.567	2.11	Ovary	2R:+:2185796-2185876	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_72390	KPQALIK	AGAP001274-PA	-	32	0.000825867	2	797.525	0.55	Malpighian tubule	2R:+:2185649-2185669	exon=> In CDS Exon 1 of transcript AGAP001274-PA

JHU_Ag_75139	KNTPPNEKPACVK	AGAP001274-PA	C11(Carbamidomethyl)	72	6.80E-07	1	1482.772	-0.79	Malpighian tubule	2R:+:2185688-2185726	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_75475	NMIIVPEMVGSTVGVYNGK	AGAP001274-PA	M2(Oxidation),"M2(Oxidation), N17(Deamidated)",M8(Oxidation),"M2(Oxidation), M8(Oxidation)","M2(Oxidation), M8(Oxidation), N17(Deamidated)"	158	2.43E-15	1	2024.022	1.14	Salivary gland	2R:+:2185739-2185795	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_76805	NTPPNEKPACVK	AGAP001274-PA	C10(Carbamidomethyl)	49	0.000151155	1	1354.678	-0.02	Malpighian tubule	2R:+:2185691-2185726	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_78436	HGRPGIGATHSSR	AGAP001274-PA	-	51	0.000159088	2	1332.688	-0.26	Visceras	2R:+:2185877-2185915	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_80672	QEALVELMHSR	AGAP001274-PA	M8(Oxidation)	57	2.43E-05	1	1328.661	-1.37	Ovary	2R:+:2185583-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_85583	HGRPGIGATHSSR	AGAP001274-PA	-	51	0.000146054	1	1332.693	3.9	Malpighian tubule	2R:+:2185877-2185915	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_86947	ADQAPEDGTKK	AGAP001274-PA	N-Term(Acetyl)	40	0.000902468	1	1201.575	4.61	Male reproductive organs	2R:+:2185487-2185519	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_88466	GVDLDQLLDMKQEALVELMHSR	AGAP001274-PA	M10(Oxidation), M19(Oxidation)	136	4.06E-13	1	2572.274	-0.33	Ovary	2R:+:2185550-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_89640	NMIIVPEMVGSTVGVYNGK	AGAP001274-PA	M2(Oxidation), M8(Oxidation),"M2(Oxidation), M8(Oxidation), N17(Deamidated)"	138	2.37E-13	1	2040.013	-0.44	Ovary	2R:+:2185739-2185795	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_96275	GVDLDQLLDMKQEALVELMHSR	AGAP001274-PA	M10(Oxidation),M19(Oxidation)	106	3.81E-10	1	2556.283	1.28	Pupa	2R:+:2185550-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_96911	QEALVELMHSR	AGAP001274-PA	-	63	5.81E-06	1	1312.672	2.8	Malpighian tubule	2R:+:2185583-2185615	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_109452	TFNQTEIRPDMIGHYLGEFSMTYKPVK	AGAP001274-PA	M11(Oxidation), M21(Oxidation),M21(Oxidation),M11(Oxidation)	77	2.47E-07	1	3202.574	1.11	Malpighian tubule	2R:+:2185796-2185876	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_109843	GVDLDQLLDMK	AGAP001274-PA	-	64	6.54E-06	2	1246.639	3.4	Visceras	2R:+:2185550-2185582	exon=> In CDS Exon 1 of transcript AGAP001274-PA
JHU_Ag_49723	LIAQVLELQNTLDDLSQR	AGAP001277-PA	-	113	2.56E-11	1	2069.125	0.63	Ovary	2R:-:2189667-2189614	exon=> In CDS Exon 2 of transcript AGAP001277-PA
JHU_Ag_1334	VFSVLREESESVLQLK	AGAP001279-PA	-	81	4.22E-08	1	1863.027	2.57	Ovary	2R:-:2218003-2217956	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_3543	ACCDFLQNNK	AGAP001279-PA	C2(Carbamidomethyl), C3(Carbamidomethyl)	61	3.17E-06	1	1269.520	-11.86	Salivary gland	2R:-:2218435-2218406	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_5273	IEENAALR	AGAP001279-PA	-	52	0.000114249	2	915.491	1.22	Pupa	2R:-:2219059-2219036	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_5825	LTASEVFDSHTGKPRPDVLK	AGAP001279-PA	-	42	0.000553965	1	2197.158	-1.55	Pupa	2R:-:2219143-2219084	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_6265	LLSIIR	AGAP001279-PA	-	37	0.000434949	2	714.489	2.08	Head	2R:-:2218405-2218388	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_7323	IEENAALR	AGAP001279-PA	-	55	6.08E-05	1	915.491	1.35	Head	2R:-:2219059-2219036	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_10777	GLTPTGALPLGALSGGK	AGAP001279-PA	-	46	0.000103529	2	1509.865	0.62	Visceras	2R:-:2217955-2217905	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_11670	YENNVMNIR	AGAP001279-PA	M6(Oxidation)	56	3.46E-05	2	1152.548	1.5	Malpighian tubule	2R:-:2218255-2218229	exon=> In CDS Exon 1 of transcript AGAP001279-PA

JHU_Ag_11955	EESESVLQLK	AGAP001279-PA	-	45	0.000665735	2	1161.599	-0.55	Ovary	2R:-:2217985-2217956	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_15298	LTASEVFDSHTGKPRPDVLK	AGAP001279-PA	-	55	2.84E-05	1	2197.160	-0.57	Ovary	2R:-:2219143-2219084	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_15733	GLTPTGALPLGALSGGK	AGAP001279-PA	-	85	1.16E-08	1	1509.864	0.14	Male reproductive organs	2R:-:2217955-2217905	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_17374	DTTPTPSDEKPISLAAPK	AGAP001279-PA	-	53	6.20E-05	1	1867.969	2.44	Salivary gland	2R:-:2217796-2217743	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_17872	ACCDFLQNNK	AGAP001279-PA	C2(Carbamidomethyl), C3(Carbamidomethyl)	38	0.000777691	2	1269.534	-0.89	Head	2R:-:2218435-2218406	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_18229	NSDFYSHNTVR	AGAP001279-PA	-	57	1.81E-05	2	1339.601	-0.91	Pupa	2R:-:2218495-2218463	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_19087	ACCDFLQNNK	AGAP001279-PA	C2(Carbamidomethyl), C3(Carbamidomethyl)	51	4.22E-05	2	1269.538	2.47	Ovary	2R:-:2218435-2218406	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_19150	GLTPTGALPLGALSGGK	AGAP001279-PA	-	58	6.44E-06	1	1509.867	2.48	Pupa	2R:-:2217955-2217905	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_19439	AESTMIDIEAPVTVCGDIHGQFYDLMK	AGAP001279-PA	M5(Oxidation), C15(Carbamidomethyl), M26(Oxidation)	33	0.005858486	1	3072.420	6.62	Head	2R:-:2219005-2218925	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_19738	GLTPTGALPLGALSGGK	AGAP001279-PA	-	64	1.30E-06	1	1509.869	3.29	Malpighian tubule	2R:-:2217955-2217905	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_21953	IIQEGAAILK	AGAP001279-PA	-	53	1.27E-05	1	1055.648	2.02	Salivary gland	2R:-:2219035-2219006	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_25212	IIQEGAAILK	AGAP001279-PA	-	59	4.06E-06	1	1055.647	1.1	Ovary	2R:-:2219035-2219006	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_26259	DTTPTPSDEKPISLAAPK	AGAP001279-PA	-	62	8.02E-06	2	1867.971	3.03	Ovary	2R:-:2217796-2217743	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_26855	DTTPTPSDEKPISLAAPK	AGAP001279-PA	-	93	5.98E-09	1	1867.968	1.66	Head	2R:-:2217796-2217743	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_28577	YLFLGDYVDR	AGAP001279-PA	-	50	0.000164464	2	1260.625	-0.72	Midgut	2R:-:2218888-2218859	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_28960	YENNVMNIR	AGAP001279-PA	M6(Oxidation)	59	1.62E-05	2	1152.545	-1.47	Head	2R:-:2218255-2218229	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_29459	IEENAALR	AGAP001279-PA	-	62	1.20E-05	2	915.490	0.49	Malpighian tubule	2R:-:2219059-2219036	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_30541	LTASEVFDSHTGKPRPDVLK	AGAP001279-PA	-	110	8.12E-11	1	2197.164	1.32	Head	2R:-:2219143-2219084	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_31541	YLFLGDYVDR	AGAP001279-PA	-	55	5.71E-05	2	1260.628	1.8	Pupa	2R:-:2218888-2218859	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_32740	ACCDFLQNNKLLSIIR	AGAP001279-PA	C2(Carbamidomethyl), C3(Carbamidomethyl)	96	2.92E-09	1	1965.012	3.82	Malpighian tubule	2R:-:2218435-2218388	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_33313	LTASEVFDSHTGKPRPDVLK	AGAP001279-PA	-	52	5.25E-05	1	2197.166	2.07	Salivary gland	2R:-:2219143-2219084	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_37344	AHEAQDAGYR	AGAP001279-PA	-	35	0.002149503	2	1117.504	1.83	Malpighian tubule	2R:-:2218387-2218358	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_39120	GLTPTGALPLGALSGGK	AGAP001279-PA	-	79	4.31E-08	1	1509.871	4.58	Head	2R:-:2217955-2217905	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_41222	VIDSVLFPPK	AGAP001279-PA	-	54	2.65E-05	2	1114.654	2.91	Malpighian tubule	2R:-:2219179-2219150	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_41913	SSTTGFPSLITIFSAPNYLDVYNNK	AGAP001279-PA	-	73	6.53E-07	1	2749.389	6.11	Ovary	2R:-:2218345-2218271	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_42436	LLSIIR	AGAP001279-PA	-	44	9.47E-05	2	714.490	3.19	Male reproductive organs	2R:-:2218405-2218388	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_42649	IIQEGAAILK	AGAP001279-PA	-	57	7.55E-06	1	1055.645	-0.52	Male reproductive organs	2R:-:2219035-2219006	exon=> In CDS Exon 1 of transcript AGAP001279-PA

JHU_Ag_43776	QHFILEGR	AGAP001279-PA	-	35	0.003071494	1	999.535	-2.29	Head	2R:-:2219083-2219060	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_43977	HLTEYFTFK	AGAP001279-PA	-	39	0.001206101	1	1185.596	1.86	Malpighian tubule	2R:-:2218762-2218736	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_47486	FKEPPAFGPMCDLLWSDPLEDFGNEK	AGAP001279-PA	M10(Oxidation), C11(Carbamidomethyl)	78	1.70E-07	1	3055.395	3.16	Head	2R:-:2218573-2218496	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_49918	LFEIGGSPASTK	AGAP001279-PA	-	57	3.07E-05	1	1206.636	-0.83	Salivary gland	2R:-:2218924-2218889	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_50181	HLTEYFTFK	AGAP001279-PA	-	63	5.38E-06	2	1185.592	-1.64	Head	2R:-:2218762-2218736	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_56925	LCYPTTLFLLR	AGAP001279-PA	C2(Carbamidomethyl)	58	1.04E-05	1	1396.772	4.65	Head	2R:-:2218813-2218781	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_57310	GLDAINER	AGAP001279-PA	-	41	0.001140801	2	887.460	1.93	Head	2R:-:2217835-2217812	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_58398	IIQEGAAILK	AGAP001279-PA	-	71	3.02E-07	1	1055.646	-0.29	Malpighian tubule	2R:-:2219035-2219006	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_64829	VFSVLREESESVLQLK	AGAP001279-PA	-	91	4.64E-09	1	1863.027	2.57	Malpighian tubule	2R:-:2218003-2217956	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_65870	QSLHNALQGFSPNHK	AGAP001279-PA	-	50	0.000137039	1	1677.849	2.17	Malpighian tubule	2R:-:2217904-2217860	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_65924	IIQEGAAILK	AGAP001279-PA	-	70	3.25E-07	1	1055.646	-0.17	Pupa	2R:-:2219035-2219006	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_69298	GCSYFYSYK	AGAP001279-PA	C2(Carbamidomethyl)	31	0.002090479	2	1174.488	0.4	Ovary	2R:-:2218462-2218436	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_69804	NSDFYSHNTVR	AGAP001279-PA	-	37	0.00207885	2	1339.603	0.28	Malpighian tubule	2R:-:2218495-2218463	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_70386	NSDFYSHNTVR	AGAP001279-PA	N1(Deamidated)	84	4.36E-08	1	1339.604	0.82	Head	2R:-:2218495-2218463	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_70776	LCYPTTLFLLR	AGAP001279-PA	C2(Carbamidomethyl)	57	1.17E-05	2	1396.773	5	Salivary gland	2R:-:2218813-2218781	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_72688	YLFLGDYVDR	AGAP001279-PA	-	57	3.05E-05	2	1260.627	1.22	Head	2R:-:2218888-2218859	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_73803	QSLHNALQGFSPNHK	AGAP001279-PA	-	90	1.50E-08	1	1677.844	-1.14	Head	2R:-:2217904-2217860	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_74184	NSDFYSHNTVR	AGAP001279-PA	-	49	0.000143016	1	1339.606	2.65	Ovary	2R:-:2218495-2218463	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_75237	LFEIGGSPASTK	AGAP001279-PA	-	66	3.71E-06	2	1206.636	-0.62	Pupa	2R:-:2218924-2218889	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_78025	VIDSVLFPPK	AGAP001279-PA	-	73	4.83E-07	2	1114.650	-0.59	Head	2R:-:2219179-2219150	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_83933	LFEIGGSPASTK	AGAP001279-PA	-	44	0.000588593	1	1206.640	3.22	Male reproductive organs	2R:-:2218924-2218889	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_86157	GLDAINER	AGAP001279-PA	-	45	0.00040319	2	887.459	0.49	Malpighian tubule	2R:-:2217835-2217812	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_86446	DTTPTPSDEKPISLAAPK	AGAP001279-PA	-	64	4.46E-06	1	1867.971	3.23	Malpighian tubule	2R:-:2217796-2217743	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_86526	LTASEVFDSHTGKPRPDVLK	AGAP001279-PA	-	106	2.22E-10	1	2197.166	2.32	Malpighian tubule	2R:-:2219143-2219084	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_87566	LFEIGGSPASTK	AGAP001279-PA	-	76	4.17E-07	2	1206.636	-0.72	Ovary	2R:-:2218924-2218889	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_90111	LTASEVFDSHTGKPRPDVLK	AGAP001279-PA	-	46	0.000224226	1	2197.165	1.56	Visceras	2R:-:2219143-2219084	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_90786	LLSIIR	AGAP001279-PA	-	43	0.000194295	2	714.487	-0.91	Pupa	2R:-:2218405-2218388	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_91700	LFEIGGSPASTK	AGAP001279-PA	-	81	1.27E-07	1	1206.636	-0.52	Malpighian tubule	2R:-:2218924-2218889	exon=> In CDS Exon 1 of transcript AGAP001279-PA

JHU_Ag_92907	AHEAQDAGYR	AGAP001279-PA	-	60	7.47E-06	1	1117.500	-1.99	Head	2R:-:2218387-2218358	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_93223	DTTPTPSDEKPISLAAPK	AGAP001279-PA	-	52	7.57E-05	1	1867.968	1.73	Male reproductive organs	2R:-:2217796-2217743	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_94804	GLTPTGALPLGALSGGK	AGAP001279-PA	-	71	3.19E-07	1	1509.868	2.72	Salivary gland	2R:-:2217955-2217905	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_99458	ITSFAEAK	AGAP001279-PA	-	37	0.002017 61	1	866.462	0.27	Malpighian tubule	2R:-:2217859-2217836	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_99565	QSLHNALQGFSPNHK	AGAP001279-PA	-	45	0.000484 987	1	1677.847	0.61	Ovary	2R:-:2217904-2217860	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_100177	LTASEVFDSHTGKPRPDVLK	AGAP001279-PA	-	63	4.49E-06	1	2197.161	-0.27	Midgut	2R:-:2219143-2219084	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_100591	LFEIGGSPASTK	AGAP001279-PA	-	71	1.14E-06	1	1206.639	2.01	Head	2R:-:2218924-2218889	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_104062	LLSIIR	AGAP001279-PA	-	46	6.06E-05	2	714.487	-0.74	Visceras	2R:-:2218405-2218388	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_104253	SSTTGFPSLITIFSAPNYLDVYNNK	AGAP001279-PA	-	88	2.00E-08	1	2749.375	1.18	Malpighian tubule	2R:-:2218345-2218271	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_106810	IIQEGAAILK	AGAP001279-PA	-	81	2.07E-08	1	1055.648	2.14	Head	2R:-:2219035-2219006	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_107054	GLTPTGALPLGALSGGK	AGAP001279-PA	-	83	1.48E-08	1	1509.869	3.77	Ovary	2R:-:2217955-2217905	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_108248	EESESVLQLK	AGAP001279-PA	-	47	0.000365 816	2	1161.600	0.39	Malpighian tubule	2R:-:2217985-2217956	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_109385	HLTEYFTFK	AGAP001279-PA	-	42	0.000696 813	2	1185.593	-0.4	Midgut	2R:-:2218762-2218736	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_110277	YLFLGDYVDR	AGAP001279-PA	-	52	0.000118 113	2	1260.626	0.06	Ovary	2R:-:2218888-2218859	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_112078	LCYPTTLFLLR	AGAP001279-PA	C2(Carbamidomethyl)	78	1.36E-07	1	1396.769	2.03	Malpighian tubule	2R:-:2218813-2218781	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_115654	YLFLGDYVDR	AGAP001279-PA	-	72	1.08E-06	1	1260.627	0.64	Malpighian tubule	2R:-:2218888-2218859	exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_4745	NQAEDHHHLQTPA	AGAP001281-PA,AGAP001281-PB	-	43	0.000532 312	2	1497.675	-5.42	Head	2R:+:2274049-2274055,2274159-2274190;2R:+:2274049-2274055,2274159-2274190	exon=> In CDS Exon 4 and 5 of transcript AGAP001281-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001281-PB
JHU_Ag_11023	SHIIGANIR	AGAP001281-PA,AGAP001281-PB	-	39	0.000637 884	1	980.560	-4.08	Head	2R:+:2273587-2273613;2R:+:2273587-2273613	exon=> In CDS Exon 4 of transcript AGAP001281-PA;exon=> In CDS Exon 4 of transcript AGAP001281-PB
JHU_Ag_113265	FNETHSVDTPLCSAR	AGAP001281-PA,AGAP001281-PB	C12(Carbamidomethyl)	56	3.31E-05	2	1733.796	2.79	Head	2R:+:2273965-2274009;2R:+:2273965-2274009	exon=> In CDS Exon 4 of transcript AGAP001281-PA;exon=> In CDS Exon 4 of transcript AGAP001281-PB
JHU_Ag_107613	ISTHGSAFSR	AGAP001281-PB	-	43	0.001052 043	1	1062.531	-1.45	Head	2R:+:2269408-2269437	exon=> In CDS Exon 1 of transcript AGAP001281-PB
JHU_Ag_112110	INPQFLFPVFDR	AGAP001284-PA	-	47	0.000215 957	2	1492.802	5.11	Malpighian tubule	2R:+:2281641-2281676	exon=> In CDS Exon 5 of transcript AGAP001284-PA
JHU_Ag_35348	VPQAAAVGAAGGSGGAGSPVSDADADLQAR	AGAP001285-PA	-	96	4.78E-09	2	2623.277	2.22	Head	2R:-:2471305-2471216	exon=> In CDS Exon 2 of transcript AGAP001285-PA
JHU_Ag_45949	VPQAAAVGAAGGSGGAGSPVSDADADLQAR	AGAP001285-PA	-	162	1.00E-15	1	2623.276	2.12	Male reproductive organs	2R:-:2471305-2471216	exon=> In CDS Exon 2 of transcript AGAP001285-PA
JHU_Ag_71833	VPQAAAVGAAGGSGGAGSPVSDADADLQAR	AGAP001285-PA	-	51	0.000133 49	3	2623.274	1.15	Salivary gland	2R:-:2471305-2471216	exon=> In CDS Exon 2 of transcript AGAP001285-PA
JHU_Ag_76133	KIIADIK	AGAP001285-PA	-	35	0.001365 367	2	800.536	14.38	Head	2R:-:2471843-2471823	exon=> In CDS Exon 1 of transcript AGAP001285-PA

JHU_Ag_82251	KIIADIK	AGAP001285-PA	-	32	0.002400 21	2	800.535	14.22	Midgut	2R:-:2471843-2471823	exon=> In CDS Exon 1 of transcript AGAP001285-PA
JHU_Ag_85732	VPQAAAVGAAGGSGGAGSPVSDADA DLQAR	AGAP001285-PA	-	139	2.13E-13	1	2623.272	0.38	Ovary	2R:-:2471305-2471216	exon=> In CDS Exon 2 of transcript AGAP001285-PA
JHU_Ag_86252	KIIADIK	AGAP001285-PA	-	30	0.004104 396	2	800.535	13.54	Pupa	2R:-:2471843-2471823	exon=> In CDS Exon 1 of transcript AGAP001285-PA
JHU_Ag_97374	KIIADIK	AGAP001285-PA	-	30	0.004142 374	2	800.536	14.53	Visceras	2R:-:2471843-2471823	exon=> In CDS Exon 1 of transcript AGAP001285-PA
JHU_Ag_107502	IIEPTENSYSAENVIK	AGAP001286-PA	-	47	0.000282 569	1	1806.914	1	Salivary gland	2R:+:2475124-2475171	exon=> In CDS Exon 5 of transcript AGAP001286-PA
JHU_Ag_50250	SLLTENAEHNAFVIFGGQR	AGAP001287-PA,AGAP001287-PB	-	41	0.001091 137	1	2103.056	-2.7	Malpighian tubule	2R:-:2477278-2477222;2R:-:2477278-2477222	exon=> In CDS Exon 10 of transcript AGAP001287-PA;exon=> In CDS Exon 11 of transcript AGAP001287-PB
JHU_Ag_97221	GETGSYDLGSAEAR	AGAP001287-PA,AGAP001287-PB	-	61	8.12E-06	2	1412.633	2.81	Malpighian tubule	2R:-:2478469-2478428;2R:-:2478469-2478428	exon=> In CDS Exon 9 of transcript AGAP001287-PA;exon=> In CDS Exon 10 of transcript AGAP001287-PB
JHU_Ag_107079	SLLTENAEHNAFVIFGGQR	AGAP001287-PA,AGAP001287-PB	-	52	8.84E-05	1	2103.066	1.74	Head	2R:-:2477278-2477222;2R:-:2477278-2477222	exon=> In CDS Exon 10 of transcript AGAP001287-PA;exon=> In CDS Exon 11 of transcript AGAP001287-PB
JHU_Ag_3244	QVGLSLVEPVLR	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	-	46	4.27E-05	1	1309.790	4.83	Head	2R:-:2498332-2498297;2R:-:2498332-2498297;2R:-:2498332-2498297	exon=> In CDS Exon 2 of transcript AGAP001287-PA;exon=> In CDS Exon 2 of transcript AGAP001287-PC;exon=> In CDS Exon 2 of transcript AGAP001287-PB
JHU_Ag_41033	HVGQSPAEADLNLLETAR	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	-	38	0.002240 432	2	1920.982	2.54	Midgut	2R:-:2497909-2498028,2497598-2497793;2R:-:2497909-2498028,2497598-2497793;2R:-:2497909-2498028,2497598-2497793	exon=> In CDS Exon 4 and 3 of transcript AGAP001287-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001287-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001287-PB
JHU_Ag_45408	HVGQSPAEADLNLLETAR	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	-	70	1.69E-06	1	1920.981	1.96	Head	2R:-:2497909-2498028,2497598-2497793;2R:-:2497909-2498028,2497598-2497793;2R:-:2497909-2498028,2497598-2497793	exon=> In CDS Exon 4 and 3 of transcript AGAP001287-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP001287-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP001287-PB
JHU_Ag_46065	QVGLSLVEPVLR	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	-	34	0.000540 868	1	1309.789	3.9	Malpighian tubule	2R:-:2498332-2498297;2R:-:2498332-2498297;2R:-:2498332-2498297	exon=> In CDS Exon 2 of transcript AGAP001287-PA;exon=> In CDS Exon 2 of transcript AGAP001287-PC;exon=> In CDS Exon 2 of transcript AGAP001287-PB

JHU_Ag_73740	FYTPDPLQLEEEYTR	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	-	69	1.98E-06	2	1900.902	3.09	Head	2R:-:2498284-2498240;2R:-:2498284-2498240;2R:-:2498284-2498240	exon=> In CDS Exon 2 of transcript AGAP001287-PA;exon=> In CDS Exon 2 of transcript AGAP001287-PC;exon=> In CDS Exon 2 of transcript AGAP001287-PB
JHU_Ag_89405	MIHSLSTPSGVDGTVSTSHSR	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	M1(Oxidation)	109	1.74E-10	1	2172.034	-0.47	Head	2R:-:2498804-2498742;2R:-:2498804-2498742;2R:-:2498804-2498742	exon=> In CDS Exon 1 of transcript AGAP001287-PA;exon=> In CDS Exon 1 of transcript AGAP001287-PC;exon=> In CDS Exon 1 of transcript AGAP001287-PB
JHU_Ag_107473	DTVEFFFEGR	AGAP001287-PA,AGAP001287-PC,AGAP001287-PB	-	37	0.001899869	2	1246.575	1.24	Head	2R:-:2497502-2497473;2R:-:2497502-2497473;2R:-:2497502-2497473	exon=> In CDS Exon 5 of transcript AGAP001287-PA;exon=> In CDS Exon 5 of transcript AGAP001287-PC;exon=> In CDS Exon 5 of transcript AGAP001287-PB
JHU_Ag_11076	TSHVHSISLQNVELER	AGAP001287-PB	-	78	2.15E-07	1	1848.952	-2.37	Head	2R:-:2491252-2491205	exon=> In CDS Exon 9 of transcript AGAP001287-PB
JHU_Ag_45790	SKPEDHVFIAK	AGAP001287-PB	-	46	0.000295989	1	1270.674	-4.34	Head	2R:-:2488024-2487992	exon=> In CDS Exon 9 of transcript AGAP001287-PB
JHU_Ag_51670	AMTSGAASDAPKPVPSDELYATVDRK	AGAP001287-PB	M2(Oxidation)	49	0.000197361	1	2693.307	-0.67	Head	2R:-:2493478-2493401	exon=> In CDS Exon 9 of transcript AGAP001287-PB
JHU_Ag_101737	HFSDEFIDDSIR	AGAP001287-PB	-	86	3.13E-08	1	1480.666	-3.23	Head	2R:-:2493292-2493257	exon=> In CDS Exon 9 of transcript AGAP001287-PB
JHU_Ag_20757	GAEGVHDSLEVIK	AGAP001290-PA	-	36	0.003140479	1	1353.704	2.37	Ovary	2R:-:2506108-2506070	exon=> In CDS Exon 2 of transcript AGAP001290-PA
JHU_Ag_42551	SLAGYFGGR	AGAP001290-PA	-	43	0.000427507	2	927.468	-0.62	Ovary	2R:-:2507050-2507024	exon=> In CDS Exon 2 of transcript AGAP001290-PA
JHU_Ag_67030	LDYAPHLLR	AGAP001290-PA	-	35	0.001730977	3	1097.612	1.41	Ovary	2R:-:2506162-2506136	exon=> In CDS Exon 2 of transcript AGAP001290-PA
JHU_Ag_74633	LSPGVLEEIIAGTGGDVR	AGAP001290-PA	-	97	1.86E-09	2	1782.963	1.81	Ovary	2R:-:2506762-2506709	exon=> In CDS Exon 2 of transcript AGAP001290-PA
JHU_Ag_96844	LLKEEVSELLNSK	AGAP001290-PA	-	77	1.04E-07	2	1501.847	0.04	Ovary	2R:-:2507089-2507051	exon=> In CDS Exon 2 of transcript AGAP001290-PA
JHU_Ag_24414	LNEIVK	AGAP001296-PA	-	34	0.006196832	1	715.435	0.73	Head	2R:+:2643426-2643443	exon=> In CDS Exon 7 of transcript AGAP001296-PA
JHU_Ag_73254	SNTSALKFFNTHQLK	AGAP001296-PA	N10(Deamidated), Q13(Deamidated)	39	0.001691815	2	1737.876	-2.47	Visceras	2R:+:2641121-2641165	exon=> In CDS Exon 2 of transcript AGAP001296-PA
JHU_Ag_112696	LNEIVK	AGAP001296-PA	N2(Deamidated)	44	0.000501716	1	716.419	-0.39	Male reproductive organs	2R:+:2643426-2643443	exon=> In CDS Exon 7 of transcript AGAP001296-PA
JHU_Ag_2136	DAELPIWLPLLAGSSAR	AGAP001297-PA	-	82	3.83E-08	1	1808.989	-1.06	Midgut	2R:-:2647038-2646988	exon=> In CDS Exon 3 of transcript AGAP001297-PA
JHU_Ag_74865	VLAVTIVNPLELIR	AGAP001297-PA	-	75	9.71E-09	2	1549.964	-2.19	Midgut	2R:-:2646987-2646946	exon=> In CDS Exon 3 of transcript AGAP001297-PA
JHU_Ag_83873	GLFAGLTPR	AGAP001297-PA	-	45	0.000322398	1	931.538	2.19	Male reproductive organs	2R:-:2646534-2646508	exon=> In CDS Exon 3 of transcript AGAP001297-PA
JHU_Ag_103465	SVGSSVAVAPGEDMDDSR	AGAP001297-PA	M14(Oxidation)	33	0.002846692	2	1794.774	-3.8	Midgut	2R:-:2647688-2647635	exon=> In CDS Exon 1 of transcript AGAP001297-PA
JHU_Ag_5731	APASDGKRPSTAGGTGTSR	AGAP001298-PA	-	117	3.05E-11	1	1773.887	2.01	Malpighian tubule	2R:+:2650861-2650917	exon=> In CDS Exon 6 of transcript AGAP001298-PA
JHU_Ag_12364	RDLDRPISSSYDSR	AGAP001298-PA	-	49	0.000204611	2	1666.806	-5.29	Head	2R:+:2652932-2652973	exon=> In CDS Exon 8 of transcript AGAP001298-PA
JHU_Ag_31246	ATTASPASTTNSTAASASTTAGGDDK	AGAP001298-PA	-	128	1.80E-12	2	2342.065	2.41	Head	2R:+:2650213-2650290	exon=> In CDS Exon 6 of transcript AGAP001298-PA

JHU_Ag_38256	GGGGGGGGGSGLLSQSLSK	AGAP001298-PA	-	70	1.73E-06	2	1532.768	0.71	Ovary	2R:+:2652974-2653030	exon=> In CDS Exon 8 of transcript AGAP001298-PA
JHU_Ag_51427	SVVTSSTEKDGAATK	AGAP001298-PA	-	66	4.39E-06	2	1480.754	3.17	Malpighian tubule	2R:+:2649434-2649461,2650136-2650152	exon=> In CDS Exon 5 and 6 of transcript AGAP001298-PA
JHU_Ag_85347	LTQTLRDEGLDPETMEFEIAAGK	AGAP001298-PA	M15(Oxidation)	48	0.000263746	3	2580.262	4.54	Malpighian tubule	2R:+:2648386-2648394,2648555-2648614	exon=> In CDS Exon 1 and 2 of transcript AGAP001298-PA
JHU_Ag_88145	KDEFVKPTESVPQEK	AGAP001298-PA	-	48	0.00022822	1	1760.905	-0.72	Head	2R:+:2648921-2648938,2649019-2649045	exon=> In CDS Exon 2 and 3 of transcript AGAP001298-PA
JHU_Ag_1408	LIFSHETEPLGTAGPLALAK	AGAP001299-PA	-	80	5.27E-08	1	2065.137	1.86	Head	2R:-:2655744-2655685	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_1547	LYSGPAGFVGNVLVDPTAK	AGAP001299-PA	-	112	6.17E-11	1	1905.016	2.2	Malpighian tubule	2R:-:2655240-2655184	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_4749	SFIEKPQEFVSNK	AGAP001299-PA	-	69	1.70E-06	1	1552.799	-1.3	Male reproductive organs	2R:-:2655498-2655460	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_5983	ALILVGGYGTR	AGAP001299-PA	-	71	4.03E-07	2	1119.654	1.55	Male reproductive organs	2R:-:2655960-2655928	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_11742	ALILVGGYGTR	AGAP001299-PA	-	85	1.50E-08	1	1119.654	1.33	Malpighian tubule	2R:-:2655960-2655928	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_24955	AEQMEAELSAQVER	AGAP001299-PA	M4(Oxidation)	76	3.03E-07	1	1606.738	0.39	Male reproductive organs	2R:-:2655798-2655757	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_41065	LIFSHETEPLGTAGPLALAK	AGAP001299-PA	-	111	3.29E-11	1	2065.142	4.46	Malpighian tubule	2R:-:2655744-2655685	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_52971	LIFSHETEPLGTAGPLALAK	AGAP001299-PA	-	76	1.22E-07	1	2065.141	4.11	Salivary gland	2R:-:2655744-2655685	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_62559	INAGMYVLNPSVLAR	AGAP001299-PA	-	44	0.000392124	2	1617.877	-0.97	Midgut	2R:-:2655459-2655415	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_63770	LIFSHETEPLGTAGPLALAK	AGAP001299-PA	-	85	1.58E-08	1	2065.135	1.03	Midgut	2R:-:2655744-2655685	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_76997	LYSGPAGFVGNVLVDPTAK	AGAP001299-PA	-	135	2.71E-13	1	1905.009	-1.46	Male reproductive organs	2R:-:2655240-2655184	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_91075	IELKPTSIEK	AGAP001299-PA	-	38	0.001077437	1	1157.678	0.58	Ovary	2R:-:2655414-2655385	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_100066	SFIEKPQEFVSNK	AGAP001299-PA	-	69	1.60E-06	2	1552.803	1.37	Salivary gland	2R:-:2655498-2655460	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_103065	AEQMEAELSAQVER	AGAP001299-PA	M4(Oxidation)	69	1.61E-06	2	1606.748	6.47	Salivary gland	2R:-:2655798-2655757	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_103589	LIFSHETEPLGTAGPLALAK	AGAP001299-PA	-	142	2.93E-14	1	2065.133	-0.03	Male reproductive organs	2R:-:2655744-2655685	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_105609	LYSGPAGFVGNVLVDPTAK	AGAP001299-PA	-	96	2.30E-09	1	1905.009	-1.2	Head	2R:-:2655240-2655184	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_114361	LYSGPAGFVGNVLVDPTAK	AGAP001299-PA	-	136	2.56E-13	1	1905.011	-0.56	Midgut	2R:-:2655240-2655184	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_117819	IGPNVTIGPNVVIEDGVCIKR	AGAP001299-PA	C18(Carbamidomethyl)	87	7.60E-09	1	2250.238	4.55	Malpighian tubule	2R:-:2655165-2655103	exon=> In CDS Exon 1 of transcript AGAP001299-PA
JHU_Ag_10369	AVTQTAATHTK	AGAP001300-PA	-	78	1.49E-07	1	1128.597	-3.29	Head	2R:-:2658740-2658708	exon=> In CDS Exon 2 of transcript AGAP001300-PA
JHU_Ag_22135	YHFIHSLALLAAPFAR	AGAP001300-PA	-	83	2.55E-08	1	1827.019	6.76	Midgut	2R:-:2658515-2658468	exon=> In CDS Exon 2 of transcript AGAP001300-PA
JHU_Ag_70114	YHFIHSLALLAAPFAR	AGAP001300-PA	-	83	2.87E-08	1	1827.018	6.16	Ovary	2R:-:2658515-2658468	exon=> In CDS Exon 2 of transcript AGAP001300-PA
JHU_Ag_116915	LAGLSGAAAVILGAYGAHYHFTPK	AGAP001300-PA	-	121	5.10E-12	1	2385.278	2.83	Ovary	2R:-:2658641-2658570	exon=> In CDS Exon 2 of transcript AGAP001300-PA

JHU_Ag_1834	HTLTAAMCLSNFSSQVVER	AGAP001306-PA	M7(Oxidation), C8(Carbamidomethyl)	54	6.26E-05	1	2167.028	0.45	Ovary	2R:+:2802490-2802546	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_8410	ELLLTPVVISR	AGAP001306-PA	-	51	7.85E-06	2	1239.767	-0.51	Midgut	2R:+:2802583-2802615	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_16084	AATLKPYLTAVR	AGAP001306-PA	N-Term(Acetyl)	43	0.000170621	2	1345.783	-0.55	Midgut	2R:+:2802454-2802489	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_27639	AATLKPYLTAVR	AGAP001306-PA	N-Term(Acetyl)	34	0.001505857	1	1345.785	0.72	Salivary gland	2R:+:2802454-2802489	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_29169	ELLLTPVVISR	AGAP001306-PA	-	54	3.69E-06	2	1239.768	0.77	Head	2R:+:2802583-2802615	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_31912	HNKPEVEVR	AGAP001306-PA	-	54	4.53E-05	1	1107.591	0.49	Ovary	2R:+:2802547-2802573	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_37351	HNKPEVEVR	AGAP001306-PA	-	43	0.000627888	3	1107.590	-0.08	Midgut	2R:+:2802547-2802573	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_44462	KPIDGYDISFLITNFHTEQMYK	AGAP001306-PA	M20(Oxidation)	51	0.000111391	1	2676.308	2.61	Ovary	2R:+:2802769-2802834	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_48883	AATLKPYLTAVR	AGAP001306-PA	N-Term(Acetyl)	54	1.63E-05	1	1345.785	0.99	Head	2R:+:2802454-2802489	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_56191	HNKPEVEVR	AGAP001306-PA	-	40	0.001255689	1	1107.590	-0.33	Malpighian tubule	2R:+:2802547-2802573	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_60872	ELLLTPVVISR	AGAP001306-PA	-	52	5.39E-06	1	1239.770	2.44	Ovary	2R:+:2802583-2802615	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_63453	AENFIILR	AGAP001306-PA	-	41	0.000551217	2	975.563	0.56	Malpighian tubule	2R:+:2802742-2802765	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_64055	KPIDGYDISFLITNFHTEQMYK	AGAP001306-PA	M20(Oxidation)	65	4.83E-06	1	2676.305	1.45	Midgut	2R:+:2802769-2802834	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_64266	ELLLTPVVISR	AGAP001306-PA	-	50	9.33E-06	2	1239.771	2.93	Visceras	2R:+:2802583-2802615	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_69070	VLIETSVNSVR	AGAP001306-PA	-	83	3.81E-08	1	1216.690	0.39	Ovary	2R:+:2802631-2802663	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_69766	RKPIDGYDISFLITNFHTEQMYK	AGAP001306-PA	M21(Oxidation)	34	0.005468291	1	2832.403	0.3	Midgut	2R:+:2802766-2802834	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_70100	AENFIILR	AGAP001306-PA	-	49	0.000100074	1	975.564	2.25	Ovary	2R:+:2802742-2802765	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_99348	HNKPEVEVR	AGAP001306-PA	-	31	0.008939761	3	1107.587	-3.23	Head	2R:+:2802547-2802573	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_100368	VLIETSVNSVR	AGAP001306-PA	-	35	0.002834779	2	1216.689	-0.41	Midgut	2R:+:2802631-2802663	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_100781	AENFIILR	AGAP001306-PA	-	34	0.002925713	2	975.562	0.13	Head	2R:+:2802742-2802765	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_101273	SSKELLLTPVVISR	AGAP001306-PA	-	39	0.000189816	1	1541.929	2.06	Malpighian tubule	2R:+:2802574-2802615	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_108380	ELLLTPVVISR	AGAP001306-PA	-	42	6.69E-05	2	1239.771	3.13	Malpighian tubule	2R:+:2802583-2802615	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_109705	AATLKPYLTAVR	AGAP001306-PA	N-Term(Acetyl)	64	1.44E-06	1	1345.784	0.36	Ovary	2R:+:2802454-2802489	exon=> In CDS Exon 1 of transcript AGAP001306-PA
JHU_Ag_4277	FQPQSVEFLDITNPK	AGAP001307-PA	-	62	9.86E-06	2	1762.904	1.84	Male reproductive organs	2R:-:2804035-2803991	exon=> In CDS Exon 2 of transcript AGAP001307-PA
JHU_Ag_18518	STHAGVLEFVADEGK	AGAP001307-PA	-	58	2.40E-05	2	1559.773	1.71	Malpighian tubule	2R:-:2804179-2804135	exon=> In CDS Exon 2 of transcript AGAP001307-PA
JHU_Ag_21296	LNVVYPMLFK	AGAP001307-PA	M7(Oxidation)	34	0.003428005	1	1239.680	-0.54	Male reproductive organs	2R:-:2804233-2804204	exon=> In CDS Exon 2 of transcript AGAP001307-PA
JHU_Ag_41453	FQPQSVEFLDITNPK	AGAP001307-PA	-	48	0.000226656	1	1762.904	1.49	Pupa	2R:-:2804035-2803991	exon=> In CDS Exon 2 of transcript AGAP001307-PA
JHU_Ag_56727	STHAGVLEFVADEGK	AGAP001307-PA	-	82	1.14E-07	1	1559.776	3.66	Midgut	2R:-:2804179-2804135	exon=> In CDS Exon 2 of transcript AGAP001307-PA

JHU_Ag_57642	FQPQSVEFLDITNPK	AGAP001307-PA	-	52	8.92E-05	2	1762.910	5.02	Malpighian tubule	2R:-:2804035-2803991	exon=> In CDS Exon 2 of transcript AGAP001307-PA
JHU_Ag_84396	FQPQSVEFLDITNPK	AGAP001307-PA	-	95	4.90E-09	2	1762.902	0.66	Midgut	2R:-:2804035-2803991	exon=> In CDS Exon 2 of transcript AGAP001307-PA
JHU_Ag_116763	STHAGVLEFVADEGK	AGAP001307-PA	-	57	3.28E-05	2	1559.771	0.77	Head	2R:-:2804179-2804135	exon=> In CDS Exon 2 of transcript AGAP001307-PA
JHU_Ag_64401	IHILER	AGAP001308-PA	-	41	0.000199775	2	780.470	-3.26	Male reproductive organs	2R:-:2808677-2808660	exon=> In CDS Exon 2 of transcript AGAP001308-PA
JHU_Ag_47979	VLADLAIWEPR	AGAP001311-PA	-	52	4.42E-05	2	1282.719	2.88	Head	2R:+:2842756-2842788	exon=> In CDS Exon 2 of transcript AGAP001311-PA
JHU_Ag_62932	VLADLAIWEPR	AGAP001311-PA	-	86	1.89E-08	2	1282.716	0.12	Midgut	2R:+:2842756-2842788	exon=> In CDS Exon 2 of transcript AGAP001311-PA
JHU_Ag_1130	THLDRPVFNTVAEAK	AGAP001312-PA	-	91	8.10E-09	1	1697.899	1.37	Salivary gland	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_1911	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	110	6.90E-11	2	1827.004	1.32	Pupa	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_6545	QGTFHSQQAIEYGTK	AGAP001312-PA	-	87	3.39E-08	1	1694.809	-2.45	Midgut	2R:+:2843756-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_11652	THLDRPVFNTVAEAK	AGAP001312-PA	-	101	8.64E-10	1	1697.899	1.29	Pupa	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_12516	THLDRPVFNTVAEAK	AGAP001312-PA	-	87	2.10E-08	1	1697.903	3.38	Larva	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_14778	QGTFHSQQAIEYGTK	AGAP001312-PA	Q7(Deamidated)	114	6.53E-11	1	1694.813	-0.28	Head	2R:+:2843756-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_15983	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	47	0.000196703	2	1698.911	2.93	Salivary gland	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_17803	VICQGFTGK	AGAP001312-PA	C3(Carbamidomethyl)	41	0.001086188	1	1009.515	1	Visceras	2R:+:2843729-2843755	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_18721	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	110	6.97E-11	1	1827.002	0.59	Male reproductive organs	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_21055	LVGGVSPGK	AGAP001312-PA	-	49	7.84E-05	2	813.483	0.33	Visceras	2R:+:2843801-2843827	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_24846	QGTFHSQQAIEYGTK	AGAP001312-PA	-	74	5.74E-07	1	1694.815	0.8	Pupa	2R:+:2843756-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_25985	THLDRPVFNTVAEAKK	AGAP001312-PA	-	80	9.35E-08	1	1825.990	-1.11	Pupa	2R:+:2843837-2843884	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_29420	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	63	4.94E-06	2	1698.910	2.28	Visceras	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_35879	AIMEAIEAEMPLIVCITEGVPQHDMVK	AGAP001312-PA	M3(Oxidation), M10(Oxidation), C15(Carbamidomethyl)," M3(Oxidation), M10(Oxidation), C15(Carbamidomethyl), M25(Oxidation)","M10(Oxidation), C15(Carbamidomethyl), M25(Oxidation)"	84	5.14E-08	1	3072.478	0.66	Malpighian tubule	2R:+:2843939-2844019	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_36395	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	104	3.10E-10	2	1827.001	-0.21	Midgut	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_37697	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	60	9.75E-06	2	1698.909	1.78	Pupa	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_38041	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	115	2.04E-11	1	1827.005	2.06	Visceras	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA

JHU_Ag_39170	VICQGFTGK	AGAP001312-PA	C3(Carbamidomethyl)	52	7.80E-05	1	1009.512	-1.84	Head	2R:+:2843729-2843755	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_40026	AIMEAIEAEMPLIVCITEGVPQHDMVK	AGAP001312-PA	M3(Oxidation), M10(Oxidation), C15(Carbamidomethyl), M25(Oxidation)	102	9.55E-10	1	3072.473	-1.01	Male reproductive organs	2R:+:2843939-2844019	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_41669	THLDRPVFNTVAEAKK	AGAP001312-PA	-	89	1.12E-08	1	1825.997	3.01	Malpighian tubule	2R:+:2843837-2843884	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_45316	QGTFHSQQAIEYGTK	AGAP001312-PA	-	81	1.36E-07	1	1694.817	1.99	Visceras	2R:+:2843756-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_47245	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	88	1.14E-08	1	1827.006	2.39	Salivary gland	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_49436	LVGGVSPGK	AGAP001312-PA	-	44	0.000212467	2	813.485	2.06	Malpighian tubule	2R:+:2843801-2843827	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_49450	VICQGFTGK	AGAP001312-PA	C3(Carbamidomethyl)	48	0.000211303	1	1009.515	0.94	Salivary gland	2R:+:2843729-2843755	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_52414	LVGGVSPGK	AGAP001312-PA	-	51	5.15E-05	2	813.483	-0.04	Midgut	2R:+:2843801-2843827	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_53629	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	124	2.67E-12	1	1827.005	2.26	Malpighian tubule	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_56097	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	121	4.76E-12	1	1827.004	1.52	Head	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_59020	THLDRPVFNTVAEAK	AGAP001312-PA	-	108	1.47E-10	1	1697.901	2.23	Malpighian tubule	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_60014	THLDRPVFNTVAEAKK	AGAP001312-PA	-	102	6.13E-10	1	1825.993	0.29	Visceras	2R:+:2843837-2843884	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_60307	THLDRPVFNTVAEAK	AGAP001312-PA	-	96	2.45E-09	1	1697.896	-0.86	Midgut	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_63327	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	86	2.45E-08	2	1698.909	1.85	Head	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_63334	THLDRPVFNTVAEAK	AGAP001312-PA	-	105	3.42E-10	1	1697.895	-0.94	Ovary	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_68104	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	76	2.89E-07	2	1698.905	-0.45	Midgut	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_69607	AIMEAIEAEMPLIVCITEGVPQHDMVK	AGAP001312-PA	M10(Oxidation), C15(Carbamidomethyl), M25(Oxidation)	38	0.002366642	1	3056.485	1.36	Visceras	2R:+:2843939-2844019	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_72489	QGTFHSQQAIEYGTK	AGAP001312-PA	-	100	1.73E-09	1	1694.819	3.61	Larva	2R:+:2843756-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_78821	LVGGVSPGK	AGAP001312-PA	-	50	6.52E-05	2	813.482	-0.64	Head	2R:+:2843801-2843827	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_80343	QGTFHSQQAIEYGTK	AGAP001312-PA	-	100	1.48E-09	1	1694.811	-1.58	Ovary	2R:+:2843756-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_83313	THLDRPVFNTVAEAK	AGAP001312-PA	-	92	5.98E-09	1	1697.901	2.52	Visceras	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_92431	LVGGVSPGK	AGAP001312-PA	-	49	8.35E-05	1	813.483	-0.25	Male reproductive organs	2R:+:2843801-2843827	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_93309	KATGAEASVIYVPPPGAAK	AGAP001312-PA	-	66	1.77E-06	1	1827.006	2.86	Larva	2R:+:2843882-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_95027	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	44	0.000469018	1	1698.909	1.85	Ovary	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA

JHU_Ag_95352	AIMEAIEAEMPLIVCITEGVPQHDMVK	AGAP001312-PA	M3(Oxidation), C15(Carbamidomethyl), M25(Oxidation),"M3(Oxidation), M10(Oxidation), C15(Carbamidomethyl)","M3(Oxidation), M10(Oxidation), C15(Carbamidomethyl), M25(Oxidation)","M10(Oxidation), C15(Carbamidomethyl), M25(Oxidation)"	125	4.15E-12	1	3072.480	1.38	Head	2R:+:2843939-2844019	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_96960	THLDRPVFNTVAEAK	AGAP001312-PA	-	102	6.36E-10	1	1697.898	0.65	Head	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_100394	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	58	1.48E-05	2	1698.908	1.13	Male reproductive organs	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_100403	ATGAEASVIYVPPPGAAK	AGAP001312-PA	-	68	1.64E-06	2	1698.912	3.51	Malpighian tubule	2R:+:2843885-2843938	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_102677	QGTFHSQQAIEYGTKLVGGVSPGK	AGAP001312-PA	-	120	1.15E-11	1	2489.287	3.36	Malpighian tubule	2R:+:2843756-2843827	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_107139	VICQGFTGKQGTFHSQQAIEYGTK	AGAP001312-PA	C3(Carbamidomethyl)	89	1.80E-08	1	2685.312	1.02	Malpighian tubule	2R:+:2843729-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_107798	QGTFHSQQAIEYGTK	AGAP001312-PA	-	97	2.78E-09	1	1694.816	1.77	Malpighian tubule	2R:+:2843756-2843800	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_110368	THLDRPVFNTVAEAKK	AGAP001312-PA	-	70	9.65E-07	1	1825.992	-0.01	Male reproductive organs	2R:+:2843837-2843884	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_112035	VICQGFTGK	AGAP001312-PA	C3(Carbamidomethyl)	51	8.99E-05	1	1009.514	0.51	Malpighian tubule	2R:+:2843729-2843755	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_113172	LVGGVSPGK	AGAP001312-PA	-	45	0.000185574	2	813.483	0.41	Salivary gland	2R:+:2843801-2843827	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_115943	AIMEAIEAEMPLIVCITEGVPQHDMVK	AGAP001312-PA	M3(Oxidation), M10(Oxidation), C15(Carbamidomethyl), M25(Oxidation)	121	1.19E-11	1	3072.480	1.38	Ovary	2R:+:2843939-2844019	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_116761	THLDRPVFNTVAEAK	AGAP001312-PA	-	81	7.60E-08	1	1697.903	3.81	Male reproductive organs	2R:+:2843837-2843881	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_117323	VICQGFTGK	AGAP001312-PA	C3(Carbamidomethyl)	43	0.000635726	1	1009.513	-0.57	Male reproductive organs	2R:+:2843729-2843755	exon=> In CDS Exon 2 of transcript AGAP001312-PA
JHU_Ag_3777	GGAQDKINALEK	AGAP001312-PA,AGAP001312-PB	-	87	3.00E-08	1	1243.665	0.35	Pupa	2R:+:2845053-2845088;2R:+:2845053-2845088	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_4259	IGIMPGHIHK	AGAP001312-PA,AGAP001312-PB	-	39	0.0015233	1	1102.620	0.78	Malpighian tubule	2R:+:2844617-2844646;2R:+:2844617-2844646	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_5063	LVGPNCPGIIAPEQCK	AGAP001312-PA,AGAP001312-PB	C6(Carbamidomethyl), C15(Carbamidomethyl)	84	5.88E-08	1	1752.883	3.07	Midgut	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001312-PB
JHU_Ag_8255	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	103	1.41E-10	1	1666.963	-0.56	Midgut	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB

JHU_Ag_10010	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	135	8.69E-14	1	1666.967	1.63	Head	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_10691	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	91	3.61E-09	1	1497.854	0.82	Ovary	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_13848	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	136	1.24E-13	2	1497.857	3.32	Pupa	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_14241	HALLAQDK	AGAP001312-PA,AGAP001312-PB	-	59	9.11E-06	2	895.500	0.06	Midgut	2R:+:2844026-2844049;2R:+:2844026-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_16485	LVGPNCPGIIAPEQCK	AGAP001312-PA,AGAP001312-PB	C6(Carbamidomethyl), C15(Carbamidomethyl)	109	2.39E-10	1	1752.881	2.03	Malpighian tubule	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001312-PB
JHU_Ag_21574	VKHALLAQDK	AGAP001312-PA,AGAP001312-PB	-	29	0.003862087	1	1122.666	2.82	Malpighian tubule	2R:+:2844020-2844049;2R:+:2844020-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_23111	VKHALLAQDK	AGAP001312-PA,AGAP001312-PB	-	31	0.002381343	2	1122.667	3.69	Larva	2R:+:2844020-2844049;2R:+:2844020-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_24108	SPAQMGKELIK	AGAP001312-PA,AGAP001312-PB	-	50	0.000139827	1	1201.663	1.38	Malpighian tubule	2R:+:2845110-2845142;2R:+:2845110-2845142	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_24330	GGAQDKINALEK	AGAP001312-PA,AGAP001312-PB	-	47	0.000298049	2	1243.664	0.06	Salivary gland	2R:+:2845053-2845088;2R:+:2845053-2845088	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_24608	LVGPNCPGIIAPEQCK	AGAP001312-PA,AGAP001312-PB	C6(Carbamidomethyl), C15(Carbamidomethyl)	47	0.000353042	2	1752.879	1.05	Ovary	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001312-PB
JHU_Ag_25859	MGHAGAIISGGK	AGAP001312-PA,AGAP001312-PB	M1(Oxidation)	60	1.18E-05	2	1114.567	-0.43	Midgut	2R:+:2845017-2845052;2R:+:2845017-2845052	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_30883	AGVIVTR	AGAP001312-PA,AGAP001312-PB	-	59	2.02E-05	2	715.445	-1.26	Head	2R:+:2845089-2845109;2R:+:2845089-2845109	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_31473	AADYLMQYNQGIK	AGAP001312-PA,AGAP001312-PB	M6(Oxidation)	102	8.68E-10	1	1514.732	0.91	Pupa	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	exon=> In CDS Exon 3 and 4 of transcript AGAP001312-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PB
JHU_Ag_31581	HALLAQDK	AGAP001312-PA,AGAP001312-PB	-	50	6.78E-05	1	895.500	0.26	Visceras	2R:+:2844026-2844049;2R:+:2844026-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_31954	HALLAQDK	AGAP001312-PA,AGAP001312-PB	-	47	0.000153228	1	895.499	-0.22	Male reproductive organs	2R:+:2844026-2844049;2R:+:2844026-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB

JHU_Ag_33273	GGAQDKINALEK	AGAP001312-PA,AGAP001312-PB	-	90	1.43E-08	1	1243.663	-0.73	Midgut	2R:+:2845053-2845088;2R:+:2845053-2845088	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_34139	AGVIVTR	AGAP001312-PA,AGAP001312-PB	-	58	2.02E-05	2	715.447	0.87	Malpighian tubule	2R:+:2845089-2845109;2R:+:2845089-2845109	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_35754	AGVIVTR	AGAP001312-PA,AGAP001312-PB	-	56	4.05E-05	2	715.445	-1.18	Male reproductive organs	2R:+:2845089-2845109;2R:+:2845089-2845109	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_36904	AGVIVTR	AGAP001312-PA,AGAP001312-PB	-	48	0.000247181	2	715.447	1.64	Salivary gland	2R:+:2845089-2845109;2R:+:2845089-2845109	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_39671	AGVIVTR	AGAP001312-PA,AGAP001312-PB	-	38	0.001977037	2	715.447	1.13	Ovary	2R:+:2845089-2845109;2R:+:2845089-2845109	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_44758	GGAQDKINALEK	AGAP001312-PA,AGAP001312-PB	-	97	2.63E-09	1	1243.664	-0.04	Head	2R:+:2845053-2845088;2R:+:2845053-2845088	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_48100	IGIMPGHIHKR	AGAP001312-PA,AGAP001312-PB	M4(Oxidation)	55	2.55E-05	1	1274.717	1.48	Male reproductive organs	2R:+:2844617-2844649;2R:+:2844617-2844649	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_50198	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	136	1.20E-13	1	1497.856	2.74	Visceras	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_50951	AKPVVSFIAGLSAPPGRR	AGAP001312-PA,AGAP001312-PB	-	51	1.18E-05	1	1823.064	-0.56	Pupa	2R:+:2844963-2845016;2R:+:2844963-2845016	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_51205	HALLAQDK	AGAP001312-PA,AGAP001312-PB	-	54	2.44E-05	1	895.502	3.12	Malpighian tubule	2R:+:2844026-2844049;2R:+:2844026-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_52168	MGHAGAIISGGK	AGAP001312-PA,AGAP001312-PB	M1(Oxidation)	71	8.42E-07	2	1114.567	-0.76	Ovary	2R:+:2845017-2845052;2R:+:2845017-2845052	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_55177	AADYLMQYNQGIK	AGAP001312-PA,AGAP001312-PB	M6(Oxidation)	92	9.52E-09	1	1530.726	0	Male reproductive organs	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	exon=> In CDS Exon 3 and 4 of transcript AGAP001312-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PB
JHU_Ag_56090	GGAQDKINALEK	AGAP001312-PA,AGAP001312-PB	-	94	5.48E-09	1	1243.667	2.61	Malpighian tubule	2R:+:2845053-2845088;2R:+:2845053-2845088	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_56836	MGHAGAIISGGK	AGAP001312-PA,AGAP001312-PB	M1(Oxidation)	80	9.85E-08	1	1098.573	0.89	Visceras	2R:+:2845017-2845052;2R:+:2845017-2845052	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_57101	AADYLMQYNQGIK	AGAP001312-PA,AGAP001312-PB	M6(Oxidation)	108	1.93E-10	1	1530.726	0.32	Head	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	exon=> In CDS Exon 3 and 4 of transcript AGAP001312-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PB
JHU_Ag_57167	AGVIVTR	AGAP001312-PA,AGAP001312-PB	-	52	8.73E-05	2	715.448	2.24	Visceras	2R:+:2845089-2845109;2R:+:2845089-2845109	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB

JHU_Ag_57434	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	97	4.62E-10	2	1666.964	-0.13	Male reproductive organs	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_58447	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	125	7.68E-13	1	1666.964	-0.05	Visceras	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_59784	AADYLMQYNQGIK	AGAP001312-PA,AGAP001312-PB	M6(Oxidation)	94	6.16E-09	1	1530.729	2.23	Malpighian tubule	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	exon=> In CDS Exon 3 and 4 of transcript AGAP001312-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PB
JHU_Ag_63458	LVGPNCPGIIAPEQCK	AGAP001312-PA,AGAP001312-PB	C6(Carbamidomethyl), C15(Carbamidomethyl)	90	1.67E-08	1	1752.881	2.38	Male reproductive organs	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001312-PB
JHU_Ag_66402	MGHAGAIISGGK	AGAP001312-PA,AGAP001312-PB	M1(Oxidation)	67	2.17E-06	1	1114.568	0.11	Male reproductive organs	2R:+:2845017-2845052;2R:+:2845017-2845052	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_68850	AGVIVTR	AGAP001312-PA,AGAP001312-PB	-	56	4.20E-05	2	715.445	-1.01	Midgut	2R:+:2845089-2845109;2R:+:2845089-2845109	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_73232	AADYLMQYNQGIK	AGAP001312-PA,AGAP001312-PB	M6(Oxidation)	93	7.51E-09	1	1530.727	0.56	Visceras	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	exon=> In CDS Exon 3 and 4 of transcript AGAP001312-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PB
JHU_Ag_77232	LVGPNCPGIIAPEQCK	AGAP001312-PA,AGAP001312-PB	C6(Carbamidomethyl), C15(Carbamidomethyl)	109	2.23E-10	1	1752.881	1.96	Visceras	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001312-PB
JHU_Ag_77264	AKPVVSFIAGLSAPPGRR	AGAP001312-PA,AGAP001312-PB	-	69	1.43E-07	1	1823.070	2.87	Malpighian tubule	2R:+:2844963-2845016;2R:+:2844963-2845016	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_79311	AKPVVSFIAGLSAPPGRR	AGAP001312-PA,AGAP001312-PB	-	24	0.005153806	1	1823.062	-1.45	Midgut	2R:+:2844963-2845016;2R:+:2844963-2845016	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_81756	AKPVVSFIAGLSAPPGRR	AGAP001312-PA,AGAP001312-PB	-	70	1.59E-07	1	1823.065	0.15	Male reproductive organs	2R:+:2844963-2845016;2R:+:2844963-2845016	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_81918	VKHALLAQDK	AGAP001312-PA,AGAP001312-PB	-	60	3.36E-06	1	1122.666	2.38	Male reproductive organs	2R:+:2844020-2844049;2R:+:2844020-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_82990	MGHAGAIISGGK	AGAP001312-PA,AGAP001312-PB	M1(Oxidation)	75	3.34E-07	1	1114.566	-0.87	Head	2R:+:2845017-2845052;2R:+:2845017-2845052	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_83036	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	82	1.22E-08	1	1666.976	7.42	Ovary	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB

JHU_Ag_83119	IGIMPGHIHK	AGAP001312-PA,AGAP001312-PB	M4(Oxidation)	46	0.000300473	1	1118.616	1.39	Head	2R:+:2844617-2844646;2R:+:2844617-2844646	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_84672	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	129	6.45E-13	1	1497.852	0.06	Midgut	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_86792	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	77	4.78E-08	2	1666.967	1.93	Pupa	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_88303	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	102	1.43E-10	1	1666.971	3.98	Malpighian tubule	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_88446	AKPVVSFIAGLSAPPGRR	AGAP001312-PA,AGAP001312-PB	-	42	8.55E-05	1	1823.068	1.53	Visceras	2R:+:2844963-2845016;2R:+:2844963-2845016	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_89008	IGIMPGHIHK	AGAP001312-PA,AGAP001312-PB	M4(Oxidation)	38	0.002122195	1	1118.615	0.75	Visceras	2R:+:2844617-2844646;2R:+:2844617-2844646	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_90472	AADYLMQYNQGIK	AGAP001312-PA,AGAP001312-PB	M6(Oxidation)	59	1.61E-05	1	1530.723	-1.6	Ovary	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	exon=> In CDS Exon 3 and 4 of transcript AGAP001312-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PB
JHU_Ag_92147	LVGPNCPGIIAPEQCK	AGAP001312-PA,AGAP001312-PB	C6(Carbamidomethyl), C15(Carbamidomethyl)	108	2.96E-10	1	1752.881	1.89	Salivary gland	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001312-PB
JHU_Ag_92773	AADYLMQYNQGIK	AGAP001312-PA,AGAP001312-PB	M6(Oxidation)	92	8.58E-09	2	1514.731	0.11	Midgut	2R:+:2844866-2844895,2844954-2844962;2R:+:2844866-2844895,2844954-2844962	exon=> In CDS Exon 3 and 4 of transcript AGAP001312-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PB
JHU_Ag_96957	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	136	1.04E-13	1	1497.852	-0.19	Salivary gland	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_97803	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	137	8.79E-14	1	1497.855	1.52	Head	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_100710	MGHAGAIISGGK	AGAP001312-PA,AGAP001312-PB	M1(Oxidation)	70	9.87E-07	1	1114.572	3.95	Larva	2R:+:2845017-2845052;2R:+:2845017-2845052	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_103089	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	106	5.56E-11	1	1666.971	4.12	Salivary gland	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_103836	MGHAGAIISGGK	AGAP001312-PA,AGAP001312-PB	M1(Oxidation)	47	0.000223045	2	1114.571	3.4	Malpighian tubule	2R:+:2845017-2845052;2R:+:2845017-2845052	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_104984	GGAQDKINALEK	AGAP001312-PA,AGAP001312-PB	-	98	2.37E-09	1	1243.666	1.14	Visceras	2R:+:2845053-2845088;2R:+:2845053-2845088	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB

JHU_Ag_105643	GGAQDKINALEK	AGAP001312-PA,AGAP001312-PB	-	75	4.44E-07	1	1243.663	-1.02	Male reproductive organs	2R:+:2845053-2845088;2R:+:2845053-2845088	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_106148	AKPVVSFIAGLSAPPGR	AGAP001312-PA,AGAP001312-PB	-	87	3.92E-09	1	1666.977	7.64	Larva	2R:+:2844963-2845013;2R:+:2844963-2845013	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_106858	IGIMPGHIHKR	AGAP001312-PA,AGAP001312-PB	M4(Oxidation)	79	1.04E-07	1	1274.716	1	Visceras	2R:+:2844617-2844649;2R:+:2844617-2844649	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_107446	LVGPNCPGIIAPEQCK	AGAP001312-PA,AGAP001312-PB	C6(Carbamidomethyl), Q14(Deamidated), C15(Carbamidomethyl),"C6(Carbamidomethyl), C15(Carbamidomethyl)"	101	1.34E-09	1	1752.878	0.43	Head	2R:+:2844056-2844097,2844611-2844616;2R:+:2844056-2844097,2844611-2844616	exon=> In CDS Exon 2 and 3 of transcript AGAP001312-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001312-PB
JHU_Ag_107932	AKPVVSFIAGLSAPPGRR	AGAP001312-PA,AGAP001312-PB	-	30	0.001383386	1	1823.067	0.76	Head	2R:+:2844963-2845016;2R:+:2844963-2845016	exon=> In CDS Exon 4 of transcript AGAP001312-PA;exon=> In CDS Exon 3 of transcript AGAP001312-PB
JHU_Ag_108036	HALLAQDK	AGAP001312-PA,AGAP001312-PB	Q6(Deamidated)	58	1.12E-05	2	895.494	-6.01	Head	2R:+:2844026-2844049;2R:+:2844026-2844049	exon=> In CDS Exon 2 of transcript AGAP001312-PA;exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_108271	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	129	7.06E-13	2	1497.853	0.71	Male reproductive organs	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_117835	GIILIGEIGGVAEEK	AGAP001312-PA,AGAP001312-PB	-	110	4.05E-11	1	1497.858	3.97	Malpighian tubule	2R:+:2844821-2844865;2R:+:2844821-2844865	exon=> In CDS Exon 3 of transcript AGAP001312-PA;exon=> In CDS Exon 2 of transcript AGAP001312-PB
JHU_Ag_74108	EAIEAEMPLIVCITEGVPQHDMVK	AGAP001312-PB	M7(Oxidation), C12(Carbamidomethyl), M22(Oxidation)	65	5.18E-06	1	2741.324	1.52	Head	2R:+:2843948-2844019	exon=> In CDS Exon 1 of transcript AGAP001312-PB
JHU_Ag_3826	AGQTVISLQYGSNK	AGAP001313-PA	-	85	3.39E-08	2	1465.766	0.91	Male reproductive organs	2R:+:2868136-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_4299	QFSDEQLRAGQTVISLQYGSNK	AGAP001313-PA	-	112	8.20E-11	1	2469.249	5.03	Malpighian tubule	2R:+:2868112-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_5421	FGVPPQETFQSVDLWER	AGAP001313-PA	-	116	4.30E-11	1	2034.992	0.15	Ovary	2R:+:2867956-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_6605	CMENISAFLEAAK	AGAP001313-PA	C1(Carbamidomethyl), M2(Oxidation)	78	1.55E-07	1	1499.687	0.07	Ovary	2R:+:2867914-2867952	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_10401	DGTVLCTLANAIEAGTVKK	AGAP001313-PA	C6(Carbamidomethyl)	37	0.001869493	1	1961.038	0.6	Head	2R:+:2867830-2867886	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_12568	YSEELAAECLEWIK	AGAP001313-PA	C9(Carbamidomethyl)	90	1.57E-08	1	1740.819	2.18	Salivary gland	2R:+:2867725-2867766	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_12959	YSEELAAECLEWIK	AGAP001313-PA	C9(Carbamidomethyl)	80	1.38E-07	2	1740.812	-1.89	Midgut	2R:+:2867725-2867766	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_13448	YSEELAAECLEWIK	AGAP001313-PA	C9(Carbamidomethyl)	64	5.22E-06	1	1740.818	1.54	Head	2R:+:2867725-2867766	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_15501	QNLNSVVICVQSLGR	AGAP001313-PA	C9(Carbamidomethyl)	100	9.52E-10	2	1686.900	2.7	Visceras	2R:+:2868007-2868051	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_17684	AGQTVISLQYGSNK	AGAP001313-PA	-	107	2.30E-10	1	1465.768	2.58	Malpighian tubule	2R:+:2868136-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_19248	SGFAAEAQR	AGAP001313-PA	-	69	1.83E-06	1	936.453	-0.92	Salivary gland	2R:+:2847176-2847202	exon=> In CDS Exon 1 of transcript AGAP001313-PA
JHU_Ag_22648	DGTVLCTLANAIEAGTVK	AGAP001313-PA	C6(Carbamidomethyl)	88	2.32E-08	1	1832.940	-1.28	Salivary gland	2R:+:2867830-2867883	exon=> In CDS Exon 2 of transcript AGAP001313-PA

JHU_Ag_23915	EVTGEPINTSGDMDNFFEVLK	AGAP001313-PA	-	144	5.84E-14	1	2342.088	1.13	Malpighian tubule	2R:+:2867767-2867829	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_24907	CMENISAFLEAAK	AGAP001313-PA	C1(Carbamidomethyl)	52	7.28E-05	2	1483.689	-2.29	Midgut	2R:+:2867914-2867952	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_25256	GATQSGINFGNTR	AGAP001313-PA	-	88	3.02E-08	1	1322.645	0.19	Salivary gland	2R:+:2868178-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_27370	QFSDEQLR	AGAP001313-PA	-	40	0.001449831	2	1022.490	-0.21	Visceras	2R:+:2868112-2868135	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_28324	QFSDEQLR	AGAP001313-PA	-	44	0.000528113	2	1022.491	0.45	Salivary gland	2R:+:2868112-2868135	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_28408	AGQTVISLQYGSNK	AGAP001313-PA	Q3(Deamidated)	108	2.11E-10	1	1465.766	1.08	Ovary	2R:+:2868136-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_29468	AGQTVISLQYGSNK	AGAP001313-PA	-	90	1.29E-08	2	1465.765	0.16	Midgut	2R:+:2868136-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_30565	KFGVPPQETFQSVDLWER	AGAP001313-PA	-	74	7.15E-07	2	2163.088	0.65	Malpighian tubule	2R:+:2867953-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_31404	GATQSGINFGNTR	AGAP001313-PA	-	44	0.000814767	2	1322.640	-3.96	Midgut	2R:+:2868178-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_31784	EVTGEPINTSGDMDNFFEVLK	AGAP001313-PA	M13(Oxidation)	91	8.05E-09	1	2358.074	-2.73	Midgut	2R:+:2867767-2867829	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_32814	CMENISAFLEAAK	AGAP001313-PA	C1(Carbamidomethyl)	42	0.000753421	2	1483.694	1.33	Head	2R:+:2867914-2867952	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_35303	QFSDEQLR	AGAP001313-PA	-	49	0.000198942	2	1022.490	0.27	Malpighian tubule	2R:+:2868112-2868135	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_40710	GATQSGINFGNTR	AGAP001313-PA	-	91	1.36E-08	1	1322.646	0.65	Malpighian tubule	2R:+:2868178-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_42006	GATQSGINFGNTR	AGAP001313-PA	-	84	7.11E-08	2	1322.645	-0.18	Male reproductive organs	2R:+:2868178-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_42430	AGQTVISLQYGSNK	AGAP001313-PA	-	107	2.18E-10	1	1465.766	0.74	Salivary gland	2R:+:2868136-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_47688	SGFAAEAQRK	AGAP001313-PA	-	67	3.69E-06	1	1064.549	0.23	Malpighian tubule	2R:+:2847176-2847205	exon=> In CDS Exon 1 of transcript AGAP001313-PA
JHU_Ag_48644	FGVPPQETFQSVDLWER	AGAP001313-PA	-	112	9.69E-11	1	2034.995	1.59	Salivary gland	2R:+:2867956-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_52990	QNLNSVVICVQSLGR	AGAP001313-PA	C9(Carbamidomethyl)	100	1.10E-09	1	1686.903	4.37	Malpighian tubule	2R:+:2868007-2868051	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_53784	DGTVLCTLANAIEAGTVKK	AGAP001313-PA	C6(Carbamidomethyl)	79	1.51E-07	1	1961.034	-1.73	Ovary	2R:+:2867830-2867886	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_56260	KFGVPPQETFQSVDLWER	AGAP001313-PA	-	58	2.36E-05	1	2163.096	4.26	Ovary	2R:+:2867953-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_57416	FGVPPQETFQSVDLWER	AGAP001313-PA	-	106	3.98E-10	1	2034.990	-1.05	Larva	2R:+:2867956-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_60062	GATQSGINFGNTR	AGAP001313-PA	-	72	1.05E-06	2	1322.646	1.02	Visceras	2R:+:2868178-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_63756	FGVPPQETFQSVDLWER	AGAP001313-PA	-	107	2.86E-10	1	2034.990	-0.81	Head	2R:+:2867956-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_64370	FGVPPQETFQSVDLWER	AGAP001313-PA	-	106	4.28E-10	1	2034.995	1.65	Visceras	2R:+:2867956-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_64629	EVTGEPINTSGDMDNFFEVLK	AGAP001313-PA	M13(Oxidation)	147	1.98E-14	1	2358.080	-0.35	Ovary	2R:+:2867767-2867829	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_65461	EVTGEPINTSGDMDNFFEVLK	AGAP001313-PA	M13(Oxidation)	79	1.64E-07	1	2342.087	0.71	Head	2R:+:2867767-2867829	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_67540	GATQSGINFGNTR	AGAP001313-PA	-	81	1.59E-07	1	1322.646	1.21	Ovary	2R:+:2868178-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_67809	QNLNSVVICVQSLGR	AGAP001313-PA	C9(Carbamidomethyl)	111	8.92E-11	1	1686.898	1.33	Head	2R:+:2868007-2868051	exon=> In CDS Exon 2 of transcript AGAP001313-PA

JHU_Ag_69077	GATQSGINFGNTR	AGAP001313-PA	-	93	1.01E-08	1	1322.643	-1.47	Head	2R:+:2868178-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_71940	YSEELAAECLEWIK	AGAP001313-PA	C9(Carbamidomethyl)	107	3.01E-10	1	1740.817	1.05	Ovary	2R:+:2867725-2867766	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_75705	DGTVLCTLANAIEAGTVK	AGAP001313-PA	C6(Carbamidomethyl)	132	1.16E-12	1	1832.938	-2.15	Midgut	2R:+:2867830-2867883	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_76178	YSEELAAECLEWIK	AGAP001313-PA	C9(Carbamidomethyl)	101	1.19E-09	1	1740.818	1.69	Malpighian tubule	2R:+:2867725-2867766	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_77916	EVTGEPINTSGDMDNFFEVLK	AGAP001313-PA	-	44	0.000547 74	2	2342.093	3	Visceras	2R:+:2867767-2867829	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_82043	EVTGEPINTSGDMDNFFEVLK	AGAP001313-PA	M13(Oxidation)	58	2.25E-05	2	2358.092	4.93	Larva	2R:+:2867767-2867829	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_82216	DGTVLCTLANAIEAGTVK	AGAP001313-PA	C6(Carbamidomethyl)	96	4.28E-09	2	1832.953	6.05	Head	2R:+:2867830-2867883	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_83046	KFGVPPQETFQSVDLWER	AGAP001313-PA	-	64	5.82E-06	1	2163.088	0.22	Midgut	2R:+:2867953-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_88711	CMENISAFLEAAKK	AGAP001313-PA	C1(Carbamidomethyl), M2(Oxidation)	93	8.28E-09	1	1627.781	-0.66	Ovary	2R:+:2867914-2867955	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_90245	QNLNSVVICVQSLGR	AGAP001313-PA	C9(Carbamidomethyl)	100	1.11E-09	1	1686.898	1.11	Salivary gland	2R:+:2868007-2868051	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_92336	AGQTVISLQYGSNK	AGAP001313-PA	-	99	1.62E-09	1	1465.767	1.58	Visceras	2R:+:2868136-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_95779	EVTGEPINTSGDMDNFFEVLK	AGAP001313-PA	M13(Oxidation)	150	1.33E-14	1	2342.087	0.71	Salivary gland	2R:+:2867767-2867829	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_96373	DGTVLCTLANAIEAGTVK	AGAP001313-PA	C6(Carbamidomethyl)	128	2.31E-12	1	1832.948	2.87	Ovary	2R:+:2867830-2867883	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_96866	AGQTVISLQYGSNK	AGAP001313-PA	-	107	2.29E-10	1	1465.763	-1	Head	2R:+:2868136-2868177	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_96971	QNLNSVVICVQSLGR	AGAP001313-PA	C9(Carbamidomethyl)	105	3.44E-10	1	1686.898	1.47	Ovary	2R:+:2868007-2868051	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_97057	DGTVLCTLANAIEAGTVKK	AGAP001313-PA	C6(Carbamidomethyl)	81	6.83E-08	1	1961.047	4.97	Midgut	2R:+:2867830-2867886	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_99874	FGVPPQETFQSVDLWER	AGAP001313-PA	-	75	4.98E-07	1	2034.998	3.02	Malpighian tubule	2R:+:2867956-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_101256	QNLNSVVICVQSLGR	AGAP001313-PA	C9(Carbamidomethyl)	101	8.76E-10	1	1686.896	0.17	Midgut	2R:+:2868007-2868051	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_103852	CMENISAFLEAAK	AGAP001313-PA	C1(Carbamidomethyl)	75	3.53E-07	2	1483.698	4.29	Malpighian tubule	2R:+:2867914-2867952	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_109058	YGKPSIGPK	AGAP001313-PA	-	53	4.53E-05	1	946.536	0.73	Malpighian tubule	2R:+:2868064-2868090	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_109062	FGVPPQETFQSVDLWER	AGAP001313-PA	-	106	3.84E-10	1	2034.991	-0.39	Midgut	2R:+:2867956-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_109791	AGQTVISLQYGSNKGATQSGINFGNTR	AGAP001313-PA	-	203	5.30E-20	1	2769.402	3.67	Malpighian tubule	2R:+:2868136-2868216	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_110378	SGFAAEAQR	AGAP001313-PA	-	45	0.000425 954	2	936.456	2.47	Visceras	2R:+:2847176-2847202	exon=> In CDS Exon 1 of transcript AGAP001313-PA
JHU_Ag_110523	DGTVLCTLANAIEAGTVK	AGAP001313-PA	C6(Carbamidomethyl)	96	4.18E-09	2	1832.951	4.91	Malpighian tubule	2R:+:2867830-2867883	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_111854	SGFAAEAQR	AGAP001313-PA	-	61	1.15E-05	2	936.455	1.62	Ovary	2R:+:2847176-2847202	exon=> In CDS Exon 1 of transcript AGAP001313-PA
JHU_Ag_114858	SGFAAEAQR	AGAP001313-PA	-	68	1.95E-06	2	936.454	0.45	Malpighian tubule	2R:+:2847176-2847202	exon=> In CDS Exon 1 of transcript AGAP001313-PA
JHU_Ag_116709	KFGVPPQETFQSVDLWER	AGAP001313-PA	-	45	0.000472 629	1	2163.096	4.36	Visceras	2R:+:2867953-2868006	exon=> In CDS Exon 2 of transcript AGAP001313-PA
JHU_Ag_116814	YSEELAAECLEWIK	AGAP001313-PA	C9(Carbamidomethyl)	74	6.47E-07	1	1740.822	4	Visceras	2R:+:2867725-2867766	exon=> In CDS Exon 2 of transcript AGAP001313-PA

JHU_Ag_35209	KLEEETIR	AGAP001315-PB,AGAP001315-PE,AGAP001315-PD,AGAP001315-PC,AGAP001315-PA	-	40	0.001679571	1	1017.558	-0.01	Malpighian tubule	2R:-:2884041-2884018;2R:-:2884041-2884018;2R:-:2884041-2884018;2R:-:2884041-2884018	exon=> In CDS Exon 8 of transcript AGAP001315-PB;exon=> In CDS Exon 10 of transcript AGAP001315-PE;exon=> In CDS Exon 6 of transcript AGAP001315-PD;exon=> In CDS Exon 8 of transcript AGAP001315-PC;exon=> In CDS Exon 7 of transcript AGAP001315-PA
JHU_Ag_38710	LSSAGSGSITTTPAK	AGAP001315-PB,AGAP001315-PE,AGAP001315-PD,AGAP001315-PC,AGAP001315-PA	-	84	5.48E-08	2	1377.729	4.99	Malpighian tubule	2R:-:2884926-2884882;2R:-:2884926-2884882;2R:-:2884926-2884882;2R:-:2884926-2884882	exon=> In CDS Exon 8 of transcript AGAP001315-PB;exon=> In CDS Exon 10 of transcript AGAP001315-PE;exon=> In CDS Exon 6 of transcript AGAP001315-PD;exon=> In CDS Exon 8 of transcript AGAP001315-PC;exon=> In CDS Exon 7 of transcript AGAP001315-PA
JHU_Ag_46195	LQQAIEEAR	AGAP001315-PB,AGAP001315-PE,AGAP001315-PD,AGAP001315-PC,AGAP001315-PA	-	61	9.62E-06	1	1057.564	-0.05	Malpighian tubule	2R:-:2883981-2883955;2R:-:2883981-2883955;2R:-:2883981-2883955;2R:-:2883981-2883955	exon=> In CDS Exon 8 of transcript AGAP001315-PB;exon=> In CDS Exon 10 of transcript AGAP001315-PE;exon=> In CDS Exon 6 of transcript AGAP001315-PD;exon=> In CDS Exon 8 of transcript AGAP001315-PC;exon=> In CDS Exon 7 of transcript AGAP001315-PA
JHU_Ag_49764	ASSTPLQSPGPEK	AGAP001315-PB,AGAP001315-PE,AGAP001315-PD,AGAP001315-PC,AGAP001315-PA	-	52	7.45E-05	2	1298.663	2.92	Malpighian tubule	2R:-:2884788-2884750;2R:-:2884788-2884750;2R:-:2884788-2884750;2R:-:2884788-2884750	exon=> In CDS Exon 8 of transcript AGAP001315-PB;exon=> In CDS Exon 10 of transcript AGAP001315-PE;exon=> In CDS Exon 6 of transcript AGAP001315-PD;exon=> In CDS Exon 8 of transcript AGAP001315-PC;exon=> In CDS Exon 7 of transcript AGAP001315-PA
JHU_Ag_56821	LSSAGSGSITTTPAK	AGAP001315-PB,AGAP001315-PE,AGAP001315-PD,AGAP001315-PC,AGAP001315-PA	-	79	1.77E-07	1	1377.719	-2.46	Head	2R:-:2884926-2884882;2R:-:2884926-2884882;2R:-:2884926-2884882;2R:-:2884926-2884882	exon=> In CDS Exon 8 of transcript AGAP001315-PB;exon=> In CDS Exon 10 of transcript AGAP001315-PE;exon=> In CDS Exon 6 of transcript AGAP001315-PD;exon=> In CDS Exon 8 of transcript AGAP001315-PC;exon=> In CDS Exon 7 of transcript AGAP001315-PA

JHU_Ag_105271	SGEMTPTSLNTSRPGSAMSSSTTASGIVYR	AGAP001315-PB,AGAP001315-PE,AGAP001315-PD,AGAP001315-PC,AGAP001315-PA	M4(Oxidation), M18(Oxidation)	56	3.21E-05	1	3065.425	3.22	Head	2R:-:2885906-2885817;2R:-:2885906-2885817;2R:-:2885906-2885817;2R:-:2885906-2885817	exon=> In CDS Exon 7 of transcript AGAP001315-PB;exon=> In CDS Exon 9 of transcript AGAP001315-PE;exon=> In CDS Exon 5 of transcript AGAP001315-PD;exon=> In CDS Exon 7 of transcript AGAP001315-PC;exon=> In CDS Exon 6 of transcript AGAP001315-PA
JHU_Ag_53457	TGSGASTGSGVSSATSK	AGAP001315-PE	-	77	2.95E-07	2	1441.681	3.21	Head	2R:-:2884983-2884933	exon=> In CDS Exon 10 of transcript AGAP001315-PE
JHU_Ag_100	GYFTEEIVPVEVAGR	AGAP001318-PA	-	77	2.58E-07	1	1665.858	6.07	Midgut	2R:+:2981094-2981138	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_2654	TMGAGPISAVQAVLQK	AGAP001318-PA	M2(Oxidation)	64	4.42E-06	2	1586.856	-0.95	Midgut	2R:+:2981376-2981414,2981480-2981488	exon=> In CDS Exon 2 and 3 of transcript AGAP001318-PA
JHU_Ag_4000	VNVGGGAIALGHPIGASGCR	AGAP001318-PA	C19(Carbamidomethyl)	128	1.96E-12	1	1862.962	-2.09	Head	2R:+:2981591-2981642,2981718-2981725	exon=> In CDS Exon 3 and 4 of transcript AGAP001318-PA
JHU_Ag_7055	TPIGNFMGTLASLSAADLGAVAVK	AGAP001318-PA	M7(Oxidation)	34	0.003689805	1	2320.233	4.65	Head	2R:+:2979941-2979950,2980564-2980625	exon=> In CDS Exon 1 and 2 of transcript AGAP001318-PA
JHU_Ag_7663	GYFTEEIVPVEVAGRK	AGAP001318-PA	-	34	0.003830473	2	1793.952	4.95	Head	2R:+:2981094-2981141	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_9052	FAVDEYPK	AGAP001318-PA	-	55	3.39E-05	1	968.473	1.06	Malpighian tubule	2R:+:2981154-2981177	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_11683	VLVTLLYALK	AGAP001318-PA	-	51	7.73E-07	2	1132.733	-0.64	Head	2R:+:2981726-2981755	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_14103	TPIGNFMGTLASLSAADLGAVAVK	AGAP001318-PA	M7(Oxidation)	68	1.57E-06	1	2320.222	-0.08	Ovary	2R:+:2979941-2979950,2980564-2980625	exon=> In CDS Exon 1 and 2 of transcript AGAP001318-PA
JHU_Ag_14463	LEEVDLFELNEAFAAQALAVNK	AGAP001318-PA	-	56	2.66E-05	1	2434.256	2.58	Salivary gland	2R:+:2981501-2981566	exon=> In CDS Exon 3 of transcript AGAP001318-PA
JHU_Ag_20775	VLVTLLYALK	AGAP001318-PA	-	29	0.000130918	2	1132.739	4.42	Salivary gland	2R:+:2981726-2981755	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_22503	IVAYAQTGICPK	AGAP001318-PA	C10(Carbamidomethyl)	69	2.18E-06	2	1320.699	0.99	Head	2R:+:2981340-2981375	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_25840	MVDSMLNDGLTDAFYDLHMGITAENLAK	AGAP001318-PA	M1(Oxidation), M5(Oxidation), M19(Oxidation)	162	5.97E-16	1	3133.410	-2.2	Malpighian tubule	2R:+:2980932-2981015	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_32117	TSAGEVFIVSAAR	AGAP001318-PA	N-Term(Acetyl)	42	0.000879282	2	1349.707	0.78	Ovary	2R:+:2979902-2979940	exon=> In CDS Exon 1 of transcript AGAP001318-PA
JHU_Ag_32457	TMGAGPISAVQAVLQK	AGAP001318-PA	M2(Oxidation)	69	1.43E-06	2	1586.858	0.74	Head	2R:+:2981376-2981414,2981480-2981488	exon=> In CDS Exon 2 and 3 of transcript AGAP001318-PA
JHU_Ag_33634	IVAYAQTGICPK	AGAP001318-PA	C10(Carbamidomethyl)	52	0.000109904	2	1320.701	1.91	Salivary gland	2R:+:2981340-2981375	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_34195	ASVDPADVSEVILGQALTAGQGQNPAR	AGAP001318-PA	-	44	0.000401898	1	2664.374	5.76	Malpighian tubule	2R:+:2980641-2980721	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_35451	TVALGYQAIR	AGAP001318-PA	-	54	3.28E-05	2	1091.619	-1.38	Malpighian tubule	2R:+:2980800-2980829	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_35455	ASVDPADVSEVILGQALTAGQGQNPAR	AGAP001318-PA	-	120	1.28E-11	1	2664.360	0.4	Male reproductive organs	2R:+:2980641-2980721	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_39789	TSAGEVFIVSAAR	AGAP001318-PA	N-Term(Acetyl)	82	8.28E-08	2	1349.713	5.12	Malpighian tubule	2R:+:2979902-2979940	exon=> In CDS Exon 1 of transcript AGAP001318-PA

JHU_Ag_42680	TMGAGPISAVQAVLQK	AGAP001318-PA	M2(Oxidation)	59	1.28E-05	2	1586.859	1.36	Pupa	2R:+:2981376-2981414,2981480-2981488	exon=> In CDS Exon 2 and 3 of transcript AGAP001318-PA
JHU_Ag_43673	FAVDEYPKHGTTAEGLAK	AGAP001318-PA	-	95	4.94E-09	1	1933.967	0.91	Malpighian tubule	2R:+:2981154-2981207	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_45259	IVAYAQTGICPK	AGAP001318-PA	C10(Carbamidomethyl)	76	4.42E-07	1	1320.699	0.43	Male reproductive organs	2R:+:2981340-2981375	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_45459	TMGAGPISAVQAVLQK	AGAP001318-PA	M2(Oxidation)	87	1.85E-08	2	1586.863	3.67	Malpighian tubule	2R:+:2981376-2981414,2981480-2981488	exon=> In CDS Exon 2 and 3 of transcript AGAP001318-PA
JHU_Ag_47544	HGTTAEGLAK	AGAP001318-PA	-	56	2.98E-05	2	984.508	-3.18	Head	2R:+:2981178-2981207	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_49955	VLVTLLYALK	AGAP001318-PA	-	57	2.07E-07	1	1132.734	-0.21	Malpighian tubule	2R:+:2981726-2981755	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_60210	MVDSMLNDGLTDAFYDLHMGITAENLAK	AGAP001318-PA	M1(Oxidation), M5(Oxidation), M19(Oxidation)	145	3.37E-14	1	3133.421	1.42	Head	2R:+:2980932-2981015	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_60489	VLVTLLYALKR	AGAP001318-PA	-	77	2.20E-09	1	1288.837	1.2	Head	2R:+:2981726-2981758	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_63559	TVALGYQAIR	AGAP001318-PA	-	56	1.88E-05	2	1091.620	-0.93	Ovary	2R:+:2980800-2980829	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_68548	EFDIGREAQDAFAAK	AGAP001318-PA	-	67	2.91E-06	1	1667.805	1.43	Malpighian tubule	2R:+:2981016-2981060	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_74582	AGDATVVVAGGQESMSK	AGAP001318-PA	M15(Oxidation)	117	3.37E-11	1	1622.773	2.54	Head	2R:+:2980830-2980880	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_75727	GYFTEEIVPVEVAGR	AGAP001318-PA	-	81	1.12E-07	2	1665.855	3.94	Malpighian tubule	2R:+:2981094-2981138	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_80380	VNVGGGAIALGHPIGASGCR	AGAP001318-PA	C19(Carbamidomethyl)	52	8.31E-05	1	1862.965	-0.16	Malpighian tubule	2R:+:2981591-2981642,2981718-2981725	exon=> In CDS Exon 3 and 4 of transcript AGAP001318-PA
JHU_Ag_80577	IVAYAQTGICPK	AGAP001318-PA	C10(Carbamidomethyl)	56	4.64E-05	2	1320.698	-0.12	Ovary	2R:+:2981340-2981375	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_85236	IVAYAQTGICPK	AGAP001318-PA	C10(Carbamidomethyl)	90	1.78E-08	1	1320.699	0.89	Malpighian tubule	2R:+:2981340-2981375	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_92031	AGDATVVVAGGQESMSK	AGAP001318-PA	M15(Oxidation)	75	5.47E-07	1	1622.770	0.43	Malpighian tubule	2R:+:2980830-2980880	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_94743	GYFTEEIVPVEVAGR	AGAP001318-PA	-	40	0.001490113	1	1665.851	1.82	Male reproductive organs	2R:+:2981094-2981138	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_95418	GYFTEEIVPVEVAGR	AGAP001318-PA	-	52	8.07E-05	2	1665.849	0.28	Ovary	2R:+:2981094-2981138	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_96461	IVAYAQTGICPK	AGAP001318-PA	C10(Carbamidomethyl)	43	0.000873317	2	1320.698	-0.4	Pupa	2R:+:2981340-2981375	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_98210	VLVTLLYALK	AGAP001318-PA	-	71	8.04E-09	1	1132.734	-0.43	Ovary	2R:+:2981726-2981755	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_99705	ASVDPADVSEVILGQALTAGQGQNPAR	AGAP001318-PA	-	97	2.00E-09	1	2664.374	5.51	Head	2R:+:2980641-2980721	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_101353	VNVGGGAIALGHPIGASGCR	AGAP001318-PA	C19(Carbamidomethyl)	51	9.40E-05	1	1862.964	-0.85	Ovary	2R:+:2981591-2981642,2981718-2981725	exon=> In CDS Exon 3 and 4 of transcript AGAP001318-PA
JHU_Ag_101863	GYFTEEIVPVEVAGR	AGAP001318-PA	-	97	2.60E-09	2	1665.851	1.52	Head	2R:+:2981094-2981138	exon=> In CDS Exon 2 of transcript AGAP001318-PA
JHU_Ag_102835	VNVGGGAIALGHPIGASGCR	AGAP001318-PA	C19(Carbamidomethyl)	123	6.34E-12	1	1862.968	1.25	Male reproductive organs	2R:+:2981591-2981642,2981718-2981725	exon=> In CDS Exon 3 and 4 of transcript AGAP001318-PA
JHU_Ag_103810	AGDATVVVAGGQESMSK	AGAP001318-PA	M15(Oxidation)	55	5.90E-05	2	1622.775	3.36	Male reproductive organs	2R:+:2980830-2980880	exon=> In CDS Exon 2 of transcript AGAP001318-PA

JHU_Ag_104789	VLVTLLYALKR	AGAP001318-PA	-	64	4.21E-08	1	1288.837	1.77	Malpighian tubule	2R:+:2981726-2981758	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_106821	TPIGNFMGTLASLSAADLGAVAVK	AGAP001318-PA	M7(Oxidation)	100	9.28E-10	1	2320.226	1.73	Malpighian tubule	2R:+:2979941-2979950,2980564-2980625	exon=> In CDS Exon 1 and 2 of transcript AGAP001318-PA
JHU_Ag_109898	VLVTLLYALK	AGAP001318-PA	-	64	3.87E-08	2	1132.736	1.84	Visceras	2R:+:2981726-2981755	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_114780	VLVTLLYALK	AGAP001318-PA	-	18	0.001531087	1	1132.736	1.84	Visceras	2R:+:2981726-2981755	exon=> In CDS Exon 4 of transcript AGAP001318-PA
JHU_Ag_2779	LEGHDETEPLTAGQLER	AGAP001319-PA	-	47	0.000327218	1	1894.917	1.33	Head	2R:-:2983885-2983835	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_4325	LEGHDETEPLTAGQLER	AGAP001319-PA	-	130	1.43E-12	1	1894.917	1.3	Malpighian tubule	2R:-:2983885-2983835	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_15138	HLLQPLDK	AGAP001319-PA	-	36	0.001392372	2	963.560	-2.78	Head	2R:-:2984542-2984519	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_16812	FWGSFFTTR	AGAP001319-PA	-	52	0.000115024	2	1148.551	-0.94	Midgut	2R:-:2983603-2983577	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_20706	HLLQPLDKDFLQR	AGAP001319-PA	-	72	2.80E-07	1	1622.902	0.62	Malpighian tubule	2R:-:2984542-2984504	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_25908	VIDTLDEDAHER	AGAP001319-PA	-	51	0.000106937	2	1412.668	1.76	Head	2R:-:2984251-2984216	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_27466	LDPDGVIQQATHGTK	AGAP001319-PA	-	44	0.000578273	1	1579.808	0.55	Malpighian tubule	2R:-:2984464-2984420	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_40802	YLYVGDNLIQDMYTPSK	AGAP001319-PA	M12(Oxidation)	70	1.73E-06	1	2035.971	1.5	Midgut	2R:-:2983756-2983706	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_42554	LEGHDETEPLTAGQLER	AGAP001319-PA	-	87	2.75E-08	1	1894.924	4.91	Midgut	2R:-:2983885-2983835	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_44207	DCDAGHPDAPYIVSK	AGAP001319-PA	C2(Carbamidomethyl)	80	8.57E-08	1	1644.735	1.8	Malpighian tubule	2R:-:2983648-2983604	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_44307	MADEEIR	AGAP001319-PA	M1(Oxidation)	37	0.001842548	2	879.388	0.52	Malpighian tubule	2R:-:2984416-2984396	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_44694	GLIIDFHR	AGAP001319-PA	-	51	5.06E-05	1	970.547	0.44	Malpighian tubule	2R:-:2984503-2984480	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_45415	VIDTLDEDAHER	AGAP001319-PA	-	100	1.19E-09	1	1412.665	0.04	Malpighian tubule	2R:-:2984251-2984216	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_54788	YPIDHCYNSFTENVSCNGYYPAEPLK	AGAP001319-PA	C6(Carbamidomethyl), C16(Carbamidomethyl)	94	2.45E-09	1	3138.370	2.86	Malpighian tubule	2R:-:2983483-2983406	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_61748	HLLQPLDKDFLQR	AGAP001319-PA	-	35	0.001231371	3	1622.904	1.41	Visceras	2R:-:2984542-2984504	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_66740	KPGFFTAGKPFVR	AGAP001319-PA	-	43	0.000201395	1	1451.818	1.64	Malpighian tubule	2R:-:2983924-2983886	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_69232	HLLQPLDKDFLQR	AGAP001319-PA	-	60	4.53E-06	1	1622.902	0.51	Midgut	2R:-:2984542-2984504	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_70790	ICVPSMDEVAK	AGAP001319-PA	C2(Carbamidomethyl), M6(Oxidation)	38	0.002070752	1	1264.592	0.94	Malpighian tubule	2R:-:2983516-2983484	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_77154	IGEMIELEYR	AGAP001319-PA	M4(Oxidation)	87	2.53E-08	1	1268.620	0.97	Malpighian tubule	2R:-:2984617-2984588	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_85903	YLYVGDNLIQDMYTPSK	AGAP001319-PA	M12(Oxidation)	135	5.43E-13	1	2035.969	0.6	Malpighian tubule	2R:-:2983756-2983706	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_88341	NMLVAWNGPLSEQIR	AGAP001319-PA	-	40	0.001635525	2	1727.873	-9.83	Malpighian tubule	2R:-:2984344-2984300	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_89536	SGPGVEDASLWAGLIK	AGAP001319-PA	-	103	5.52E-10	1	1599.844	3.75	Malpighian tubule	2R:-:2983576-2983529	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_102560	DCDAGHPDAPYIVSK	AGAP001319-PA	C2(Carbamidomethyl)	60	8.32E-06	1	1644.730	-1.69	Midgut	2R:-:2983648-2983604	exon=> In CDS Exon 1 of transcript AGAP001319-PA

JHU_Ag_112401	SGPGVEDASLWAGLIK	AGAP001319-PA	-	89	1.69E-08	1	1599.838	0.32	Midgut	2R:-:2983576-2983529	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_113970	FWGSFFTTR	AGAP001319-PA	-	70	1.70E-06	1	1148.555	2.14	Malpighian tubule	2R:-:2983603-2983577	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_115758	DHFGANIGGYFEALK	AGAP001319-PA	-	80	1.51E-07	1	1638.793	1.35	Malpighian tubule	2R:-:2984155-2984111	exon=> In CDS Exon 1 of transcript AGAP001319-PA
JHU_Ag_3592	LSPEILTGCENDIEK	AGAP001320-PA	C9(Carbamidomethyl)	43	0.000934219	1	1717.827	-2.57	Midgut	2R:+:2988390-2988434	exon=> In CDS Exon 1 of transcript AGAP001320-PA
JHU_Ag_7110	AAIEHFQIISLK	AGAP001320-PA	-	28	0.010308132	1	1369.786	1.42	Midgut	2R:+:2989378-2989413	exon=> In CDS Exon 2 of transcript AGAP001320-PA
JHU_Ag_14816	TWADLDTAQMDPER	AGAP001320-PA	M10(Oxidation)	70	5.75E-07	2	1664.720	-1.58	Midgut	2R:+:2988892-2988933	exon=> In CDS Exon 2 of transcript AGAP001320-PA
JHU_Ag_26841	NIAEYCTPIIR	AGAP001320-PA	C6(Carbamidomethyl)	60	1.58E-05	2	1349.688	-0.16	Midgut	2R:+:2990204-2990236	exon=> In CDS Exon 3 of transcript AGAP001320-PA
JHU_Ag_36963	ITDVGEDWR	AGAP001320-PA	-	52	0.000109107	2	1090.516	-0.35	Midgut	2R:+:2988561-2988587	exon=> In CDS Exon 1 of transcript AGAP001320-PA
JHU_Ag_55656	FCQSLAPGSPQLLK	AGAP001320-PA	C2(Carbamidomethyl)	48	0.000274697	2	1545.808	-0.99	Midgut	2R:+:2988054-2988095	exon=> In CDS Exon 1 of transcript AGAP001320-PA
JHU_Ag_66614	ADIYADPLLQR	AGAP001320-PA	-	54	6.78E-05	1	1274.673	-0.56	Midgut	2R:+:2990558-2990590	exon=> In CDS Exon 3 of transcript AGAP001320-PA
JHU_Ag_74699	VEVAELIQEGK	AGAP001320-PA	-	79	1.83E-07	2	1214.661	-1.2	Midgut	2R:+:2990525-2990557	exon=> In CDS Exon 3 of transcript AGAP001320-PA
JHU_Ag_83180	NIAEYCTPIIR	AGAP001320-PA	C6(Carbamidomethyl)	48	0.000234594	2	1349.696	5.45	Malpighian tubule	2R:+:2990204-2990236	exon=> In CDS Exon 3 of transcript AGAP001320-PA
JHU_Ag_97521	LAQILLCLEAVQK	AGAP001320-PA	Q3(Deamidated), C7(Carbamidomethyl)	27	0.007933278	1	1499.867	11.24	Head	2R:+:2988276-2988314	exon=> In CDS Exon 1 of transcript AGAP001320-PA
JHU_Ag_117399	ITDVGEDWR	AGAP001320-PA	-	46	0.000407243	2	1090.516	-0.13	Salivary gland	2R:+:2988561-2988587	exon=> In CDS Exon 1 of transcript AGAP001320-PA
JHU_Ag_614	VIGICTIK	AGAP001321-PA	C5(Carbamidomethyl)	28	0.009690135	2	903.531	-2.97	Midgut	2R:+:2993292-2993315	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_6763	VELVQGDVTNVEDVKK	AGAP001321-PA	-	140	8.61E-14	1	1771.946	1.41	Male reproductive organs	2R:+:2992842-2992889	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_9029	IVFFGGTGMSGQCAVR	AGAP001321-PA	M9(Oxidation), C13(Carbamidomethyl)	135	4.62E-13	1	1702.806	1.32	Male reproductive organs	2R:+:2992634-2992681	exon=> In CDS Exon 1 of transcript AGAP001321-PA
JHU_Ag_9699	AVLPPHIADEPQAEFATAYDK	AGAP001321-PA	-	93	5.97E-09	1	2283.135	2.31	Malpighian tubule	2R:+:2993142-2993204	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_11102	IVFFGGTGMSGQCAVR	AGAP001321-PA	M9(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	122	8.20E-12	2	1702.810	3.69	Visceras	2R:+:2992634-2992681	exon=> In CDS Exon 1 of transcript AGAP001321-PA
JHU_Ag_11110	AVLPPHIADEPQAEFATAYDK	AGAP001321-PA	-	58	1.97E-05	1	2283.131	0.62	Visceras	2R:+:2993142-2993204	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_12502	GCGLEYR	AGAP001321-PA	C2(Carbamidomethyl)	32	0.002973008	2	854.384	1.94	Malpighian tubule	2R:+:2993121-2993141	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_13910	AVLPPHIADEPQAEFATAYDKAPGHSR	AGAP001321-PA	-	103	6.46E-10	1	2888.443	3.55	Midgut	2R:+:2993142-2993222	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_18098	VELVQGDVTNVEDVK	AGAP001321-PA	-	88	2.34E-08	1	1643.853	2.56	Visceras	2R:+:2992842-2992886	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_19550	NDLKPTTAMSDGMSNIIAAMK	AGAP001321-PA	M9(Oxidation), M13(Oxidation),"M9(Oxidation), M13(Oxidation), M20(Oxidation)","M9(Oxidation), M20(Oxidation)"	92	9.02E-09	1	2241.054	-1.11	Midgut	2R:+:2992935-2992997	exon=> In CDS Exon 2 of transcript AGAP001321-PA

JHU_Ag_20547	LDLGQFLVDCLFDEAHAGK	AGAP001321-PA	C10(Carbamidomethyl)	42	0.000975259	1	2148.043	0.03	Head	2R:+:2993235-2993291	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_21514	NEATVPEDFK	AGAP001321-PA	-	46	0.000388519	2	1149.543	0.52	Male reproductive organs	2R:+:2992806-2992835	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_31975	MLETVKGCGLEYR	AGAP001321-PA	C8(Carbamidomethyl)	35	0.003873759	1	1555.763	1.72	Malpighian tubule	2R:+:2993103-2993141	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_33232	NEATVPEDFK	AGAP001321-PA	-	38	0.002369689	2	1149.544	1.47	Malpighian tubule	2R:+:2992806-2992835	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_35966	NEATVPEDFK	AGAP001321-PA	-	45	0.00047719	1	1149.544	1.43	Midgut	2R:+:2992806-2992835	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_39230	VELVQGDVTNVEDVKK	AGAP001321-PA	-	140	1.03E-13	1	1771.945	0.45	Head	2R:+:2992842-2992889	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_43689	VELVQGDVTNVEDVK	AGAP001321-PA	-	135	4.05E-13	1	1643.853	2.34	Head	2R:+:2992842-2992886	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_45356	AVLPPHIADEPQAEFATAYDK	AGAP001321-PA	-	90	1.21E-08	2	2283.129	-0.25	Midgut	2R:+:2993142-2993204	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_46184	VELVQGDVTNVEDVKK	AGAP001321-PA	-	84	3.91E-08	1	1771.941	-1.8	Ovary	2R:+:2992842-2992889	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_55776	VELVQGDVTNVEDVKK	AGAP001321-PA	-	125	3.05E-12	1	1771.947	1.62	Visceras	2R:+:2992842-2992889	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_57583	NDLKPTTAMSDGMSNIIAAMK	AGAP001321-PA	M9(Oxidation), M13(Oxidation), M20(Oxidation)	66	3.53E-06	3	2257.049	-1.06	Male reproductive organs	2R:+:2992935-2992997	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_57627	LDLGQFLVDCLFDEAHAGK	AGAP001321-PA	C10(Carbamidomethyl)	103	7.57E-10	1	2148.045	0.71	Ovary	2R:+:2993235-2993291	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_59854	NDLKPTTAMSDGMSNIIAAMK	AGAP001321-PA	M9(Oxidation), M13(Oxidation), M20(Oxidation)	68	2.57E-06	1	2257.059	3.32	Head	2R:+:2992935-2992997	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_61876	AKVELVQGDVTNVEDVK	AGAP001321-PA	-	87	1.70E-08	1	1842.986	2.94	Malpighian tubule	2R:+:2992836-2992886	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_64931	AKVELVQGDVTNVEDVK	AGAP001321-PA	-	84	3.49E-08	2	1842.996	8.37	Midgut	2R:+:2992836-2992886	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_68947	VIGICTIK	AGAP001321-PA	C5(Carbamidomethyl)	37	0.001148566	1	903.536	2.84	Male reproductive organs	2R:+:2993292-2993315	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_74350	AVLPPHIADEPQAEFATAYDK	AGAP001321-PA	-	77	2.56E-07	1	2283.132	1.1	Male reproductive organs	2R:+:2993142-2993204	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_79854	IVFFGGTGMSGQCAVR	AGAP001321-PA	M9(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	142	1.01E-13	1	1686.812	1.79	Malpighian tubule	2R:+:2992634-2992681	exon=> In CDS Exon 1 of transcript AGAP001321-PA
JHU_Ag_79909	VIGICTIK	AGAP001321-PA	C5(Carbamidomethyl)	31	0.005189863	1	903.534	0.55	Malpighian tubule	2R:+:2993292-2993315	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_80583	AVAGQELVCVVLGTR	AGAP001321-PA	C9(Carbamidomethyl)	117	2.53E-11	2	1571.856	-1.17	Midgut	2R:+:2992890-2992934	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_80922	NEATVPEDFK	AGAP001321-PA	-	36	0.00397275	1	1149.543	0.73	Visceras	2R:+:2992806-2992835	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_82641	AVAGQELVCVVLGTR	AGAP001321-PA	C9(Carbamidomethyl)	38	0.001328682	2	1571.864	4.42	Visceras	2R:+:2992890-2992934	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_82776	AVAGQELVCVVLGTR	AGAP001321-PA	C9(Carbamidomethyl)	71	9.58E-07	2	1571.859	0.93	Male reproductive organs	2R:+:2992890-2992934	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_83892	AVLPPHIADEPQAEFATAYDK	AGAP001321-PA	-	74	5.48E-07	1	2283.127	-1.06	Head	2R:+:2993142-2993204	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_90672	AVAGQELVCVVLGTR	AGAP001321-PA	C9(Carbamidomethyl)	113	4.58E-11	1	1571.865	4.97	Malpighian tubule	2R:+:2992890-2992934	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_98963	AVLPPHIADEPQAEFATAYDKAPGHSR	AGAP001321-PA	-	137	2.50E-13	1	2888.436	1.14	Malpighian tubule	2R:+:2993142-2993222	exon=> In CDS Exon 2 of transcript AGAP001321-PA

JHU_Ag_99520	VELVQGDVTNVEDVK	AGAP001321-PA	-	101	1.29E-09	1	1643.854	3.3	Malpighian tubule	2R:+:2992842-2992886	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_100241	AVLPPHIADEPQAEFATAYDK	AGAP001321-PA	-	80	1.17E-07	1	2283.134	1.98	Ovary	2R:+:2993142-2993204	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_101888	IVFFGGTGMSGQCAVR	AGAP001321-PA	M9(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	129	1.72E-12	1	1702.804	0.1	Midgut	2R:+:2992634-2992681	exon=> In CDS Exon 1 of transcript AGAP001321-PA
JHU_Ag_102463	NDLKPTTAMSDGMSNIIAAMK	AGAP001321-PA	M9(Oxidation), M13(Oxidation), M20(Oxidation)	42	0.001024041	3	2257.057	2.75	Larva	2R:+:2992935-2992997	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_102479	IVFFGGTGMSGQCAVR	AGAP001321-PA	M9(Oxidation), C13(Carbamidomethyl)	118	1.94E-11	1	1702.799	-2.98	Head	2R:+:2992634-2992681	exon=> In CDS Exon 1 of transcript AGAP001321-PA
JHU_Ag_104574	LDLGQFLVDCLFDEAHAGK	AGAP001321-PA	C10(Carbamidomethyl)	128	2.54E-12	1	2148.044	0.37	Midgut	2R:+:2993235-2993291	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_107900	NEATVPEDFKAK	AGAP001321-PA	-	48	0.000302439	2	1348.674	-0.65	Midgut	2R:+:2992806-2992841	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_110235	VPAIFVNINGEHR	AGAP001321-PA	N9(Deamidated)	77	1.92E-07	2	1466.778	1.81	Malpighian tubule	2R:+:2993061-2993099	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_114170	VELVQGDVTNVEDVKK	AGAP001321-PA	-	139	1.13E-13	1	1771.953	5.48	Malpighian tubule	2R:+:2992842-2992889	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_114229	VELVQGDVTNVEDVK	AGAP001321-PA	-	108	2.37E-10	1	1643.850	0.48	Midgut	2R:+:2992842-2992886	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_115260	VELVQGDVTNVEDVKK	AGAP001321-PA	-	156	2.43E-15	1	1771.950	3.27	Midgut	2R:+:2992842-2992889	exon=> In CDS Exon 2 of transcript AGAP001321-PA
JHU_Ag_95908	RLQVILR	AGAP001324-PA	Q3(Deamidated)	39	0.000189816	1	898.586	3.13	Larva	2R:-:2999567-2999547	exon=> In CDS Exon 5 of transcript AGAP001324-PA
JHU_Ag_2548	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	91	7.61E-09	1	1663.890	1.34	Male reproductive organs	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_3335	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	96	2.77E-09	1	1663.886	-0.94	Head	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_9643	MLADPAAAFTKALELGADLPPLGGLR	AGAP001325-PA	M1(Oxidation)	119	5.36E-12	1	2624.429	6.36	Malpighian tubule	2R:+:3008324-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_9989	EGDKIPSIDLFEDSPANK	AGAP001325-PA	-	102	1.41E-09	1	1974.963	-1.34	Head	2R:+:3008051-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_10032	ALELGADLPPLGGLR	AGAP001325-PA	-	114	1.41E-11	2	1491.857	2.8	Visceras	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_12269	IPSIDLFEDSPANK	AGAP001325-PA	-	106	4.31E-10	1	1545.780	0.08	Ovary	2R:+:3008063-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_13392	KVILFAVPGAFTPGCSK	AGAP001325-PA	C15(Carbamidomethyl)	54	2.59E-05	2	1791.984	0.56	Visceras	2R:+:3008135-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_13452	THLPGYVEK	AGAP001325-PA	-	39	0.001570013	1	1043.552	0.19	Malpighian tubule	2R:+:3008186-3008212	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_14145	MLADPAAAFTK	AGAP001325-PA	M1(Oxidation)	68	2.51E-06	2	1151.578	1.16	Ovary	2R:+:3008324-3008356	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_14313	IPSIDLFEDSPANK	AGAP001325-PA	-	98	2.71E-09	2	1545.785	3.47	Malpighian tubule	2R:+:3008063-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_14449	SLNVEPDGTGLSCSLADK	AGAP001325-PA	C13(Carbamidomethyl)	87	3.14E-08	1	1862.886	3.3	Visceras	2R:+:3008444-3008497	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_16554	KVILFAVPGAFTPGCSK	AGAP001325-PA	C15(Carbamidomethyl)	45	0.000166831	2	1791.993	5.53	Ovary	2R:+:3008135-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_19997	ALELGADLPPLGGLR	AGAP001325-PA	-	107	7.13E-11	1	1491.860	4.84	Malpighian tubule	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_21191	VNMADLCAGK	AGAP001325-PA	M3(Oxidation), C7(Carbamidomethyl)	59	1.07E-05	2	1094.496	-0.53	Ovary	2R:+:3008105-3008134	exon=> In CDS Exon 2 of transcript AGAP001325-PA

JHU_Ag_25648	SSGATEIVCVSVNDPFVMSAWGK	AGAP001325-PA	C9(Carbamidomethyl),"C9 (Carbamidomethyl), M18(Oxidation)"	44	0.000487217	1	2457.154	4.77	Visceras	2R:+:3008228-3008296	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_29597	YSMVLEDGVVK	AGAP001325-PA	M3(Oxidation)	70	1.20E-06	2	1255.625	0.5	Male reproductive organs	2R:+:3008411-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_37685	KVILFAVPGAFTPGCSK	AGAP001325-PA	C15(Carbamidomethyl)	49	7.89E-05	2	1791.990	3.97	Male reproductive organs	2R:+:3008135-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_38244	RYSMVLEDGVVK	AGAP001325-PA	M4(Oxidation)	57	2.06E-05	1	1411.728	2.4	Malpighian tubule	2R:+:3008408-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_40891	KVILFAVPGAFTPGCSK	AGAP001325-PA	C15(Carbamidomethyl)	51	5.36E-05	2	1791.983	0.15	Head	2R:+:3008135-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_43850	MLADPAAAFTK	AGAP001325-PA	M1(Oxidation)	69	2.03E-06	2	1151.577	0.52	Visceras	2R:+:3008324-3008356	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_47588	RYSMVLEDGVVK	AGAP001325-PA	M4(Oxidation)	73	6.59E-07	2	1395.730	-0.42	Head	2R:+:3008408-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_50609	VNMADLCAGK	AGAP001325-PA	C7(Carbamidomethyl)	47	0.000246707	2	1078.503	1.2	Visceras	2R:+:3008105-3008134	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_52834	SLNVEPDGTGLSCSLADK	AGAP001325-PA	C13(Carbamidomethyl)	78	2.54E-07	2	1862.879	-0.43	Midgut	2R:+:3008444-3008497	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_55020	MLADPAAAFTK	AGAP001325-PA	M1(Oxidation)	70	1.42E-06	2	1151.579	2.11	Malpighian tubule	2R:+:3008324-3008356	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_56255	ALELGADLPPLGGLR	AGAP001325-PA	-	45	0.000133736	2	1491.852	-0.48	Midgut	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_57837	KVILFAVPGAFTPGCSK	AGAP001325-PA	C15(Carbamidomethyl)	95	1.74E-09	1	1791.991	4.38	Malpighian tubule	2R:+:3008135-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_58644	THLPGYVEK	AGAP001325-PA	-	33	0.00592038	1	1043.555	2.53	Midgut	2R:+:3008186-3008212	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_59081	SLNVEPDGTGLSCSLADKIK	AGAP001325-PA	C13(Carbamidomethyl)	105	4.29E-10	1	2104.064	2.3	Malpighian tubule	2R:+:3008444-3008503	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_63025	EGDKIPSIDLFEDSPANK	AGAP001325-PA	-	90	2.15E-08	1	1974.969	1.53	Ovary	2R:+:3008051-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_64891	THLPGYVEK	AGAP001325-PA	-	44	0.000559685	1	1043.548	-4.21	Head	2R:+:3008186-3008212	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_67697	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	91	7.66E-09	1	1663.890	1.34	Midgut	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_69550	VNMADLCAGK	AGAP001325-PA	C7(Carbamidomethyl)	56	2.49E-05	2	1078.500	-2.08	Head	2R:+:3008105-3008134	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_70148	ALELGADLPPLGGLR	AGAP001325-PA	-	108	5.65E-11	1	1491.855	1.49	Head	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_70915	SLNVEPDGTGLSCSLADK	AGAP001325-PA	C13(Carbamidomethyl)	106	4.42E-10	1	1862.884	1.86	Head	2R:+:3008444-3008497	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_71110	IPSIDLFEDSPANK	AGAP001325-PA	-	104	6.88E-10	1	1545.786	3.95	Head	2R:+:3008063-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_73400	ALELGADLPPLGGLR	AGAP001325-PA	-	73	2.00E-07	1	1491.857	2.72	Salivary gland	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_74768	SLNVEPDGTGLSCSLADK	AGAP001325-PA	C13(Carbamidomethyl)	107	3.51E-10	1	1862.889	4.94	Malpighian tubule	2R:+:3008444-3008497	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_79871	ALELGADLPPLGGLR	AGAP001325-PA	-	42	0.000241117	1	1491.858	3.29	Larva	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_81633	YSMVLEDGVVK	AGAP001325-PA	M3(Oxidation)	65	4.55E-06	1	1239.630	1.14	Midgut	2R:+:3008411-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_86066	EGDKIPSIDLFEDSPANK	AGAP001325-PA	-	108	3.45E-10	1	1974.964	-0.97	Visceras	2R:+:3008051-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_86200	SSGATEIVCVSVNDPFVMSAWGKQH NATGK	AGAP001325-PA	C9(Carbamidomethyl), M18(Oxidation)	106	3.51E-10	1	3193.518	4.21	Malpighian tubule	2R:+:3008228-3008317	exon=> In CDS Exon 2 of transcript AGAP001325-PA

JHU_Ag_86884	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	89	1.11E-08	1	1663.896	5.23	Malpighian tubule	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_88808	VNMADLCAGKK	AGAP001325-PA	M3(Oxidation), C7(Carbamidomethyl)	45	0.000456832	1	1222.593	0.73	Male reproductive organs	2R:+:3008105-3008137	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_90939	ALELGADLPPLGGLR	AGAP001325-PA	-	111	3.21E-11	1	1491.857	2.72	Ovary	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_92064	YSMVLEDGVVK	AGAP001325-PA	M3(Oxidation)	81	1.11E-07	1	1255.627	2.84	Malpighian tubule	2R:+:3008411-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_92100	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	61	8.01E-06	1	1663.887	-0.2	Salivary gland	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_93227	THLPGYVEKAGDLK	AGAP001325-PA	-	50	8.92E-05	1	1527.820	2.15	Malpighian tubule	2R:+:3008186-3008227	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_93299	EGDKIPSIDLFEDSPANK	AGAP001325-PA	-	75	6.07E-07	2	1974.966	0.02	Male reproductive organs	2R:+:3008051-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_93946	YSMVLEDGVVK	AGAP001325-PA	M3(Oxidation)	73	6.39E-07	1	1255.627	2.45	Visceras	2R:+:3008411-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_94918	SLNVEPDGTGLSCSLADK	AGAP001325-PA	C13(Carbamidomethyl)	80	1.74E-07	2	1862.882	1.21	Male reproductive organs	2R:+:3008444-3008497	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_97949	MLADPAAAFTK	AGAP001325-PA	M1(Oxidation)	47	0.000294935	1	1151.581	3.87	Head	2R:+:3008324-3008356	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_99277	YSMVLEDGVVK	AGAP001325-PA	M3(Oxidation)	62	7.88E-06	2	1239.633	3.01	Head	2R:+:3008411-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_100232	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	96	2.43E-09	1	1663.891	2.22	Ovary	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_100332	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	53	4.93E-05	2	1663.897	5.52	Larva	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_100407	SLNVEPDGTGLSCSLADK	AGAP001325-PA	C13(Carbamidomethyl)	108	2.84E-10	1	1862.883	1.47	Ovary	2R:+:3008444-3008497	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_101631	IPSIDLFEDSPANK	AGAP001325-PA	-	95	6.05E-09	1	1545.779	-0.32	Midgut	2R:+:3008063-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_105560	ALELGADLPPLGGLR	AGAP001325-PA	-	79	5.11E-08	1	1491.857	2.8	Male reproductive organs	2R:+:3008357-3008401	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_110197	IPSIDLFEDSPANK	AGAP001325-PA	-	104	6.82E-10	1	1545.783	2.37	Visceras	2R:+:3008063-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_112789	MLADPAAAFTK	AGAP001325-PA	M1(Oxidation)	45	0.000434487	1	1151.579	1.86	Midgut	2R:+:3008324-3008356	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_113693	VNMADLCAGKK	AGAP001325-PA	C7(Carbamidomethyl)	47	0.000384011	1	1206.600	2.19	Visceras	2R:+:3008105-3008137	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_114073	VILFAVPGAFTPGCSK	AGAP001325-PA	C14(Carbamidomethyl)	84	3.78E-08	1	1663.893	3.39	Visceras	2R:+:3008138-3008185	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_114713	THLPGYVEK	AGAP001325-PA	-	41	0.000874592	1	1043.553	0.58	Ovary	2R:+:3008186-3008212	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_116216	EGDKIPSIDLFEDSPANK	AGAP001325-PA	-	76	5.19E-07	1	1974.967	0.6	Midgut	2R:+:3008051-3008104	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_117300	YSMVLEDGVVK	AGAP001325-PA	M3(Oxidation)	85	4.06E-08	1	1255.624	0.12	Ovary	2R:+:3008411-3008443	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_117802	MLADPAAAFTK	AGAP001325-PA	M1(Oxidation)	70	1.23E-06	2	1151.577	-0.01	Male reproductive organs	2R:+:3008324-3008356	exon=> In CDS Exon 2 of transcript AGAP001325-PA
JHU_Ag_20310	YVAAPAPVAAVAPAVAK	AGAP001329-PA	-	86	8.79E-09	1	1565.902	-2.19	Head	2R:+:3094604-3094654	exon=> In CDS Exon 2 of transcript AGAP001329-PA
JHU_Ag_95571	YVAAPAPVAAVAPAVAK	AGAP001329-PA	-	43	0.000132851	2	1565.907	1.17	Malpighian tubule	2R:+:3094604-3094654	exon=> In CDS Exon 2 of transcript AGAP001329-PA

JHU_Ag_4200	NADMGEEMQQDAVDCATQALEK	AGAP001335-PA	M4(Oxidation), C15(Carbamidomethyl)," M4(Oxidation), M8(Oxidation), C15(Carbamidomethyl)"," M8(Oxidation), C15(Carbamidomethyl)"	100	2.51E-10	2	2470.023	2.4	Head	2R:+:3266249-3266314	exon=> In CDS Exon 1 of transcript AGAP001335-PA
JHU_Ag_12861	KYNPTWHCIVGR	AGAP001335-PA	C8(Carbamidomethyl)	63	9.08E-06	1	1530.765	1.29	Ovary	2R:+:3281667-3281702	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_15550	DIAAYIK	AGAP001335-PA	-	49	0.000157328	1	793.445	-0.65	Midgut	2R:+:3281631-3281651	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_23032	HFIYFYLGQVAILLFK	AGAP001335-PA	-	102	2.07E-10	1	1972.110	0.39	Ovary	2R:+:3281736-3281783	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_25065	YNIEKDIAAYIK	AGAP001335-PA	-	106	2.16E-10	1	1440.777	2.72	Visceras	2R:+:3266315-3266329,3281631-3281651	exon=> In CDS Exon 1 and 2 of transcript AGAP001335-PA
JHU_Ag_26073	DIAAYIK	AGAP001335-PA	-	42	0.00070926	1	793.446	0.64	Visceras	2R:+:3281631-3281651	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_42862	YNPTWHCIVGR	AGAP001335-PA	C7(Carbamidomethyl)	46	0.000319426	1	1402.669	0.26	Head	2R:+:3281670-3281702	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_44925	NADMGEEMQQDAVDCATQALEK	AGAP001335-PA	M4(Oxidation), M8(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	157	7.39E-16	1	2454.026	1.84	Malpighian tubule	2R:+:3266249-3266314	exon=> In CDS Exon 1 of transcript AGAP001335-PA
JHU_Ag_50644	DIAAYIK	AGAP001335-PA	-	41	0.0008449	1	793.446	0.97	Salivary gland	2R:+:3281631-3281651	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_55901	DIAAYIK	AGAP001335-PA	-	44	0.000475122	1	793.445	-0.26	Head	2R:+:3281631-3281651	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_81210	YNPTWHCIVGR	AGAP001335-PA	C7(Carbamidomethyl)	47	0.000244394	1	1402.671	1.83	Visceras	2R:+:3281670-3281702	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_82242	YNIEKDIAAYIK	AGAP001335-PA	-	72	5.52E-07	1	1440.774	0.18	Midgut	2R:+:3266315-3266329,3281631-3281651	exon=> In CDS Exon 1 and 2 of transcript AGAP001335-PA
JHU_Ag_82782	YNPTWHCIVGR	AGAP001335-PA	C7(Carbamidomethyl)	59	1.63E-05	2	1402.669	0.7	Ovary	2R:+:3281670-3281702	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_87108	YNPTWHCIVGR	AGAP001335-PA	C7(Carbamidomethyl)	51	8.94E-05	2	1402.667	-1.22	Midgut	2R:+:3281670-3281702	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_95651	NADMGEEMQQDAVDCATQALEK	AGAP001335-PA	M4(Oxidation), M8(Oxidation), C15(Carbamidomethyl)	59	2.35E-06	2	2486.010	-0.77	Midgut	2R:+:3266249-3266314	exon=> In CDS Exon 1 of transcript AGAP001335-PA
JHU_Ag_100746	NFGSYVTHETR	AGAP001335-PA	-	71	8.82E-07	2	1310.614	0.88	Ovary	2R:+:3281703-3281735	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_114233	NFGSYVTHETR	AGAP001335-PA	-	69	1.45E-06	1	1310.607	-4.06	Head	2R:+:3281703-3281735	exon=> In CDS Exon 2 of transcript AGAP001335-PA
JHU_Ag_115657	NADMGEEMQQDAVDCATQALEK	AGAP001335-PA	M4(Oxidation), M8(Oxidation), C15(Carbamidomethyl)	172	1.54E-17	1	2486.013	0.41	Ovary	2R:+:3266249-3266314	exon=> In CDS Exon 1 of transcript AGAP001335-PA
JHU_Ag_587	EFVFEVVVDR	AGAP001341-PA	-	61	9.39E-06	2	1238.645	3.07	Ovary	2R:+:3329745-3329774	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_1492	SYTVDCLGNVVGGRPVLYNNQPVELLLDLVTK	AGAP001341-PA	C6(Carbamidomethyl)	93	1.10E-09	1	3545.887	5.48	Malpighian tubule	2R:+:3329184-3329279	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_2150	NVLAQNVCTR	AGAP001341-PA	C8(Carbamidomethyl)	45	0.000623827	2	1174.603	3.13	Larva	2R:+:3328254-3328283	exon=> In CDS Exon 2 of transcript AGAP001341-PA

JHU_Ag_2802	FGEPVWFGCEVNK	AGAP001341-PA	C9(Carbamidomethyl)	73	7.26E-07	1	1568.723	1.53	Midgut	2R:+:3329289-3329327	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_5312	YLNIGPIRPIDFYEK	AGAP001341-PA	-	85	2.38E-08	1	1837.988	1.61	Pupa	2R:+:3329061-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_6099	NVLAQNVCTR	AGAP001341-PA	C8(Carbamidomethyl)	60	2.13E-05	1	1174.600	0.53	Visceras	2R:+:3328254-3328283	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_7371	KSLENTQHVFTYK	AGAP001341-PA	-	50	0.000140838	1	1594.815	-4.59	Visceras	2R:+:3328314-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_7426	SLENTQHVFTYK	AGAP001341-PA	-	95	5.29E-09	1	1466.730	1.67	Malpighian tubule	2R:+:3328317-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_8988	ANYFLNNVVDTAK	AGAP001341-PA	-	92	8.36E-09	1	1468.743	-0.27	Midgut	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_12533	KSLENTQHVFTYK	AGAP001341-PA	-	65	3.88E-06	1	1594.821	-0.69	Pupa	2R:+:3328314-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_12850	LIDNGATDDEVKER	AGAP001341-PA	N4(Deamidated)	102	8.18E-10	1	1575.750	-0.05	Malpighian tubule	2R:+:3328920-3328961	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_13323	YVKPYFNVDDKVCLVTDPR	AGAP001341-PA	C13(Carbamidomethyl)	78	2.57E-07	1	2328.174	1.87	Pupa	2R:+:3329106-3329162	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_14755	GYLIMTAEWFK	AGAP001341-PA	M5(Oxidation)	53	9.43E-05	2	1374.677	0.81	Pupa	2R:+:3329712-3329744	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_14833	LVFGVDIQTTMEK	AGAP001341-PA	M11(Oxidation)	72	9.68E-07	2	1496.767	-0.04	Midgut	2R:+:3329453-3329491	exon=> In CDS Exon 5 of transcript AGAP001341-PA
JHU_Ag_15228	FGEPVWFGCEVNK	AGAP001341-PA	C9(Carbamidomethyl)	44	0.000575243	2	1568.721	0.75	Pupa	2R:+:3329289-3329327	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_15837	EFVFEVVVDR	AGAP001341-PA	-	46	0.000363791	2	1238.645	2.58	Malpighian tubule	2R:+:3329745-3329774	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_19308	ANYFLNNVVDTAK	AGAP001341-PA	-	78	2.14E-07	1	1468.744	0.56	Malpighian tubule	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_19824	CRNDFYDCPK	AGAP001341-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	44	6.80E-05	1	1374.550	-5.07	Head	2R:+:3328224-3328253	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_20040	IDPFDACLSR	AGAP001341-PA	C7(Carbamidomethyl)	41	0.001170354	2	1193.563	0.67	Midgut	2R:+:3328284-3328313	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_22603	IENEGKPLTNQK	AGAP001341-PA	-	58	1.90E-05	1	1370.726	-0.72	Male reproductive organs	2R:+:3328429-3328464	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_23016	MLPSPLNEEFFQK	AGAP001341-PA	N-Term(Acetyl), M1(Oxidation)	85	5.71E-08	1	1637.787	-0.92	Ovary	2R:+:3325448-3325457,3328195-3328223	exon=> In CDS Exon 1 and 2 of transcript AGAP001341-PA
JHU_Ag_23028	GYLIMTAEWFK	AGAP001341-PA	-	73	7.26E-07	2	1358.681	-0.58	Midgut	2R:+:3329712-3329744	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_23551	EFVFEVVVDR	AGAP001341-PA	-	71	1.32E-06	2	1238.642	0.01	Midgut	2R:+:3329745-3329774	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_23926	YVKPYFNVDDK	AGAP001341-PA	-	53	7.03E-05	1	1387.688	-0.64	Ovary	2R:+:3329106-3329138	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_25680	FGEPVWFGCEVNKR	AGAP001341-PA	C9(Carbamidomethyl)	72	1.02E-06	1	1724.821	-0.41	Midgut	2R:+:3329289-3329330	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_26157	IENEGKPLTNQK	AGAP001341-PA	-	89	1.25E-08	1	1370.729	0.79	Malpighian tubule	2R:+:3328429-3328464	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_27153	KYLNIGPIRPIDFYEK	AGAP001341-PA	-	64	2.49E-06	1	1966.083	1.5	Malpighian tubule	2R:+:3329058-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_28932	LVSFLLSDPTCDGGQWDMLVNLINK	AGAP001341-PA	C11(Carbamidomethyl), M18(Oxidation)	42	0.000991124	1	2851.404	1.19	Pupa	2R:+:3328654-3328728	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_29324	LVFGVDIQTTMEK	AGAP001341-PA	M11(Oxidation)	101	9.97E-10	1	1496.768	1.18	Malpighian tubule	2R:+:3329453-3329491	exon=> In CDS Exon 5 of transcript AGAP001341-PA
JHU_Ag_29331	SLENTQHVFTYK	AGAP001341-PA	-	90	1.46E-08	1	1466.728	0.43	Pupa	2R:+:3328317-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA

JHU_Ag_30693	KSLENTQHVFTYK	AGAP001341-PA	-	45	0.000349604	1	1594.826	1.95	Ovary	2R:+:3328314-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_31061	ANYFLNNVVDTAKR	AGAP001341-PA	-	63	5.37E-06	1	1624.845	0.55	Malpighian tubule	2R:+:3328591-3328632	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_31092	FTWEYYDK	AGAP001341-PA	-	44	0.000307465	1	1151.506	1.5	Pupa	2R:+:3329028-3329051	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_32663	IDPFDACLSR	AGAP001341-PA	C7(Carbamidomethyl)	56	4.12E-05	1	1193.563	1.18	Pupa	2R:+:3328284-3328313	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_33471	FGEPVWFGCEVNK	AGAP001341-PA	C9(Carbamidomethyl)	64	5.35E-06	1	1568.724	2.23	Head	2R:+:3329289-3329327	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_35105	QGIEDLDIHDFK	AGAP001341-PA	-	58	2.23E-05	1	1429.696	0.42	Midgut	2R:+:3329343-3329365,3329440-3329452	exon=> In CDS Exon 4 and 5 of transcript AGAP001341-PA
JHU_Ag_35791	YLNIGPIRPIDFYEK	AGAP001341-PA	-	96	1.87E-09	1	1837.984	-0.38	Midgut	2R:+:3329061-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_36740	CWLFAALNCIR	AGAP001341-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	48	0.00020522	2	1423.704	4.32	Head	2R:+:3328477-3328509	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_36919	FGEPVWFGCEVNKR	AGAP001341-PA	C9(Carbamidomethyl)	60	1.33E-05	1	1724.821	-0.41	Male reproductive organs	2R:+:3329289-3329330	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_36925	VENSWGEDR	AGAP001341-PA	-	37	0.000944068	2	1091.473	-1.69	Pupa	2R:+:3329676-3329702	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_36970	YLNIGPIRPIDFYEK	AGAP001341-PA	-	71	6.38E-07	1	1837.988	1.87	Male reproductive organs	2R:+:3329061-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_39004	IENEGKPLTNQK	AGAP001341-PA	-	38	0.001601142	1	1370.729	1.29	Pupa	2R:+:3328429-3328464	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_43677	NVLAQNVCTR	AGAP001341-PA	C8(Carbamidomethyl)	51	0.00015323	1	1174.600	-0.09	Head	2R:+:3328254-3328283	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_46424	LVFGVDIQTTMEK	AGAP001341-PA	M11(Oxidation)	82	8.62E-08	1	1496.767	0.45	Ovary	2R:+:3329453-3329491	exon=> In CDS Exon 5 of transcript AGAP001341-PA
JHU_Ag_46719	ANYFLNNVVDTAKR	AGAP001341-PA	-	105	3.36E-10	1	1624.848	2.28	Pupa	2R:+:3328591-3328632	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_46778	LIDNGATDDEVKER	AGAP001341-PA	N4(Deamidated)	107	3.27E-10	1	1574.766	0.19	Male reproductive organs	2R:+:3328920-3328961	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_46879	YLNIGPIRPIDFYEK	AGAP001341-PA	-	38	0.001137139	1	1837.987	1.44	Visceras	2R:+:3329061-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_46898	NVLAQNVCTR	AGAP001341-PA	C8(Carbamidomethyl)	65	5.67E-06	1	1174.599	-0.4	Pupa	2R:+:3328254-3328283	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_47464	SLENTQHVFTYK	AGAP001341-PA	-	80	1.31E-07	1	1466.726	-1.07	Midgut	2R:+:3328317-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_48101	CWLFAALNCIR	AGAP001341-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	44	0.000672749	1	1423.694	-2.2	Midgut	2R:+:3328477-3328509	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_49458	FTWEYYDK	AGAP001341-PA	-	38	0.001362799	2	1151.510	4.68	Larva	2R:+:3329028-3329051	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_51292	NVLAQNVCTR	AGAP001341-PA	C8(Carbamidomethyl)	62	1.11E-05	1	1174.600	0.53	Ovary	2R:+:3328254-3328283	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_54382	LIDNGATDDEVKER	AGAP001341-PA	-	107	3.29E-10	1	1574.764	-1.05	Visceras	2R:+:3328920-3328961	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_54934	KSLENTQHVFTYK	AGAP001341-PA	-	76	3.51E-07	2	1594.824	1.08	Malpighian tubule	2R:+:3328314-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_55276	KSLENTQHVFTYK	AGAP001341-PA	-	66	2.78E-06	1	1594.822	-0.22	Male reproductive organs	2R:+:3328314-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_56464	ANYFLNNVVDTAK	AGAP001341-PA	-	52	9.40E-05	2	1468.747	2.55	Visceras	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_58730	CWLFAALNCIR	AGAP001341-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	73	8.06E-07	2	1423.706	5.86	Malpighian tubule	2R:+:3328477-3328509	exon=> In CDS Exon 3 of transcript AGAP001341-PA

JHU_Ag_58792	VENSWGEDRGEK	AGAP001341-PA	-	75	3.09E-07	1	1405.633	-0.69	Pupa	2R:+:3329676-3329711	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_59545	KYLNIGPIRPIDFYEK	AGAP001341-PA	-	60	6.14E-06	1	1966.080	-0.09	Midgut	2R:+:3329058-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_60921	FRVENSWGEDR	AGAP001341-PA	-	59	1.69E-05	1	1394.647	1.31	Malpighian tubule	2R:+:3329670-3329702	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_62991	LIDNGATDDEVK	AGAP001341-PA	-	50	0.000131769	1	1289.626	3.2	Midgut	2R:+:3328920-3328955	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_65718	EFVFEVVVDR	AGAP001341-PA	-	58	2.06E-05	2	1238.645	2.87	Head	2R:+:3329745-3329774	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_66958	CWLFAALNCIR	AGAP001341-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	75	5.30E-07	2	1423.701	2.69	Visceras	2R:+:3328477-3328509	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_69955	IDPFDACLSR	AGAP001341-PA	C7(Carbamidomethyl)	44	0.00062638	1	1193.562	-0.05	Male reproductive organs	2R:+:3328284-3328313	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_70426	FTWEYYDK	AGAP001341-PA	-	36	0.002437901	1	1151.505	0.51	Midgut	2R:+:3329028-3329051	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_71639	LIDNGATDDEVK	AGAP001341-PA	N4(Deamidated)	80	1.28E-07	1	1289.621	-0.59	Head	2R:+:3328920-3328955	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_72707	FTWEYYDK	AGAP001341-PA	-	39	0.001220448	2	1151.505	0.76	Head	2R:+:3329028-3329051	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_74169	IDPFDACLSRK	AGAP001341-PA	C7(Carbamidomethyl)	40	0.002199695	1	1321.657	0.23	Pupa	2R:+:3328284-3328316	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_74661	MLPSPLNEEFFQK	AGAP001341-PA	N-Term(Acetyl), M1(Oxidation)	59	2.24E-05	1	1637.787	-0.62	Male reproductive organs	2R:+:3325448-3325457,3328195-3328223	exon=> In CDS Exon 1 and 2 of transcript AGAP001341-PA
JHU_Ag_74933	ANYFLNNVVDTAK	AGAP001341-PA	-	96	3.44E-09	1	1468.745	1.47	Head	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_76277	MLPSPLNEEFFQK	AGAP001341-PA	N-Term(Acetyl), M1(Oxidation)	43	0.000866452	1	1637.790	1.39	Pupa	2R:+:3325448-3325457,3328195-3328223	exon=> In CDS Exon 1 and 2 of transcript AGAP001341-PA
JHU_Ag_76917	FRVENSWGEDR	AGAP001341-PA	-	63	6.59E-06	1	1394.644	-0.87	Midgut	2R:+:3329670-3329702	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_78093	KSLENTQHVFTYK	AGAP001341-PA	-	77	2.79E-07	1	1594.821	-1.14	Midgut	2R:+:3328314-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_79139	YLNIGPIRPIDFYEK	AGAP001341-PA	-	60	7.02E-06	1	1837.983	-0.76	Ovary	2R:+:3329061-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_79935	IDPFDACLSR	AGAP001341-PA	C7(Carbamidomethyl)	57	3.11E-05	1	1193.563	0.67	Malpighian tubule	2R:+:3328284-3328313	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_80089	NVLAQNVCTRIDPFDACLSR	AGAP001341-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	67	3.30E-06	1	2349.149	2.25	Malpighian tubule	2R:+:3328254-3328313	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_80470	CWLFAALNCIR	AGAP001341-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	78	2.16E-07	1	1423.696	-1.17	Ovary	2R:+:3328477-3328509	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_80739	IENEGKPLTNQK	AGAP001341-PA	-	84	4.22E-08	1	1370.728	0.08	Ovary	2R:+:3328429-3328464	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_82752	YLNIGPIRPIDFYEK	AGAP001341-PA	-	88	1.20E-08	1	1837.989	2.21	Malpighian tubule	2R:+:3329061-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_82891	QGIEDLDIHDFK	AGAP001341-PA	-	61	9.70E-06	1	1429.696	-0.1	Ovary	2R:+:3329343-3329365,3329440-3329452	exon=> In CDS Exon 4 and 5 of transcript AGAP001341-PA
JHU_Ag_85002	LIDNGATDDEVKER	AGAP001341-PA	-	107	3.30E-10	1	1574.765	-0.56	Ovary	2R:+:3328920-3328961	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_86005	IDPFDACLSR	AGAP001341-PA	C7(Carbamidomethyl)	55	4.20E-05	2	1193.561	-0.66	Ovary	2R:+:3328284-3328313	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_86813	MLPSPLNEEFFQK	AGAP001341-PA	N-Term(Acetyl), M1(Oxidation)	67	3.08E-06	1	1637.798	6.09	Larva	2R:+:3325448-3325457,3328195-3328223	exon=> In CDS Exon 1 and 2 of transcript AGAP001341-PA

JHU_Ag_87428	MLPSPLNEEFFQK	AGAP001341-PA	N-Term(Acetyl), M1(Oxidation)	77	3.32E-07	1	1637.790	1.47	Malpighian tubule	2R:+:3325448-3325457,3328195-3328223	exon=> In CDS Exon 1 and 2 of transcript AGAP001341-PA
JHU_Ag_89945	IENEGKPLTNQK	AGAP001341-PA	-	41	0.000924779	2	1370.727	-0.55	Midgut	2R:+:3328429-3328464	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_91119	ANYFLNNVVDTAK	AGAP001341-PA	-	63	6.17E-06	2	1468.745	1.23	Salivary gland	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_94321	SLENTQHVFTYKIENEGKPLTNQK	AGAP001341-PA	-	175	3.41E-17	1	2818.442	1.72	Malpighian tubule	2R:+:3328317-3328352,3328429-3328464	exon=> In CDS Exon 2 and 3 of transcript AGAP001341-PA
JHU_Ag_94943	SSNLYGR	AGAP001341-PA	-	41	0.000849931	2	796.395	-0.29	Ovary	2R:+:3329163-3329183	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_95845	GYLIMTAEWFK	AGAP001341-PA	M5(Oxidation)	60	1.63E-05	2	1374.677	0.46	Male reproductive organs	2R:+:3329712-3329744	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_96571	FGEPVWFGCEVNKR	AGAP001341-PA	C9(Carbamidomethyl)	66	3.98E-06	1	1724.823	1.07	Pupa	2R:+:3329289-3329330	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_96987	ANYFLNNVVDTAK	AGAP001341-PA	-	81	9.78E-08	1	1468.749	3.8	Larva	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_97385	LVFGVDIQTTMEK	AGAP001341-PA	M11(Oxidation)	54	5.61E-05	2	1496.769	1.75	Pupa	2R:+:3329453-3329491	exon=> In CDS Exon 5 of transcript AGAP001341-PA
JHU_Ag_97856	KSLENTQHVFTYK	AGAP001341-PA	-	72	7.86E-07	1	1594.819	-1.9	Head	2R:+:3328314-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_98394	SLENTQHVFTYK	AGAP001341-PA	-	64	6.32E-06	1	1466.731	2.42	Head	2R:+:3328317-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_98797	ANYFLNNVVDTAK	AGAP001341-PA	-	81	1.22E-07	1	1468.747	2.64	Ovary	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_100063	SLENTQHVFTYK	AGAP001341-PA	-	79	1.75E-07	2	1466.733	4	Larva	2R:+:3328317-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_100152	KCFPESYSCEASTR	AGAP001341-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	56	1.23E-05	1	1721.727	0.8	Malpighian tubule	2R:+:3328747-3328788	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_100849	YVKPYFNVDDK	AGAP001341-PA	-	41	0.001094186	1	1387.694	3.45	Larva	2R:+:3329106-3329138	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_102083	LIDNGATDDEVKER	AGAP001341-PA	N4(Deamidated)	121	1.24E-11	1	1574.765	-0.66	Pupa	2R:+:3328920-3328961	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_104875	FRVENSWGEDR	AGAP001341-PA	-	49	0.000168239	2	1394.645	0.35	Pupa	2R:+:3329670-3329702	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_105975	NVLAQNVCTR	AGAP001341-PA	C8(Carbamidomethyl)	74	6.92E-07	1	1174.603	2.92	Malpighian tubule	2R:+:3328254-3328283	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_106502	SLENTQHVFTYK	AGAP001341-PA	-	80	1.50E-07	1	1466.731	2.59	Ovary	2R:+:3328317-3328352	exon=> In CDS Exon 2 of transcript AGAP001341-PA
JHU_Ag_108107	FGEPVWFGCEVNKR	AGAP001341-PA	C9(Carbamidomethyl)	60	1.39E-05	1	1724.825	2.24	Ovary	2R:+:3329289-3329330	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_109552	KYLNIGPIRPIDFYEK	AGAP001341-PA	-	42	0.000391147	1	1966.079	-0.46	Male reproductive organs	2R:+:3329058-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_111044	MLPSPLNEEFFQK	AGAP001341-PA	N-Term(Acetyl), M1(Oxidation)	62	9.70E-06	2	1637.785	-2.04	Midgut	2R:+:3325448-3325457,3328195-3328223	exon=> In CDS Exon 1 and 2 of transcript AGAP001341-PA
JHU_Ag_111046	QGIEDLDIHDFK	AGAP001341-PA	-	59	1.65E-05	1	1429.698	1.45	Pupa	2R:+:3329343-3329365,3329440-3329452	exon=> In CDS Exon 4 and 5 of transcript AGAP001341-PA
JHU_Ag_113725	GYLIMTAEWFK	AGAP001341-PA	M5(Oxidation)	61	1.17E-05	1	1374.678	1.17	Ovary	2R:+:3329712-3329744	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_114671	FRVENSWGEDR	AGAP001341-PA	-	43	0.000589909	1	1394.644	-0.61	Male reproductive organs	2R:+:3329670-3329702	exon=> In CDS Exon 6 of transcript AGAP001341-PA
JHU_Ag_115354	KYLNIGPIRPIDFYEK	AGAP001341-PA	-	63	3.29E-06	1	1966.081	0.66	Pupa	2R:+:3329058-3329105	exon=> In CDS Exon 4 of transcript AGAP001341-PA

JHU_Ag_117057	FGEPVWFGCEVNKR	AGAP001341-PA	C9(Carbamidomethyl)	71	1.11E-06	1	1724.820	-1.05	Malpighian tubule	2R:+:3329289-3329330	exon=> In CDS Exon 4 of transcript AGAP001341-PA
JHU_Ag_117256	ANYFLNNVVDTAK	AGAP001341-PA	-	84	5.62E-08	1	1468.742	-0.69	Male reproductive organs	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_117494	ANYFLNNVVDTAK	AGAP001341-PA	N7(Deamidated),N6(Deamidated)	97	2.61E-09	2	1468.745	1.14	Pupa	2R:+:3328591-3328629	exon=> In CDS Exon 3 of transcript AGAP001341-PA
JHU_Ag_39202	LGDPSLVAR	AGAP001342-PA	-	45	0.000229374	2	927.525	-0.72	Male reproductive organs	2R:-:3330644-3330618	exon=> In CDS Exon 2 of transcript AGAP001342-PA
JHU_Ag_43908	VPSAPLTIQLIPPVK	AGAP001342-PA	-	38	9.87E-05	2	1572.973	0.26	Male reproductive organs	2R:-:3330951-3330907	exon=> In CDS Exon 1 of transcript AGAP001342-PA
JHU_Ag_46734	EDLNNVK	AGAP001343-PA	N4(Deamidated)	42	0.000959812	1	832.407	2.78	Larva	2R:-:3332471-3332451	exon=> In CDS Exon 7 of transcript AGAP001343-PA
JHU_Ag_511	EQAIALFR	AGAP001345-PA	-	49	0.000134664	2	947.531	0.25	Pupa	2R:+:3362971-3362994	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_550	DPVFYQIYK	AGAP001345-PA	-	65	5.09E-06	1	1172.599	-0.09	Pupa	2R:+:3363898-3363924	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_910	SSVNFNGYVK	AGAP001345-PA	N6(Deamidated)	46	0.00025318	1	1115.540	2.47	Larva	2R:+:3364372-3364401	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_1088	LNHKPFTYK	AGAP001345-PA	-	61	1.06E-05	1	1147.630	3.85	Larva	2R:+:3364177-3364203	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_4452	DVIDQGFFVLPDGK	AGAP001345-PA	-	77	3.02E-07	1	1549.793	2.02	Pupa	2R:+:3363661-3363702	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_4816	LSNDLGHVPEFSWWTPIATGYYPDLQYYNGHSFPAR	AGAP001345-PA	Q26(Deamidated),N29(Deamidated)	64	4.47E-06	1	4198.982	2.31	Larva	2R:+:3363475-3363582	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_9221	KVNLSTPESIDVLGNLIQANPDSYEHR	AGAP001345-PA	-	113	5.17E-11	1	3009.538	3.58	Pupa	2R:+:3363703-3363783	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_10245	VFLGPK	AGAP001345-PA	-	31	0.003386754	1	660.408	-0.56	Pupa	2R:+:3364246-3364263	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_10636	ADMAGFVLPAPYEISPYHFINTEVIQK	AGAP001345-PA	M3(Oxidation)	96	2.73E-09	1	3066.540	3.82	Pupa	2R:+:3363109-3363189	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_12746	LNHKPFTYK	AGAP001345-PA	N2(Deamidated)	59	1.69E-05	1	1147.626	0.46	Pupa	2R:+:3364177-3364203	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_12863	DWNPQLVAYAK	AGAP001345-PA	-	68	3.02E-06	1	1304.662	-0.96	Pupa	2R:+:3362800-3362832	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_12920	YEGFGEIEYKPDPVVIK	AGAP001345-PA	-	112	8.18E-11	1	1983.016	2.45	Larva	2R:+:3364111-3364161	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_14754	DRTSFYELYR	AGAP001345-PA	-	58	2.95E-05	1	1349.649	0.37	Pupa	2R:+:3364402-3364431	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_14904	QEDLLLLFR	AGAP001345-PA	-	35	0.001996658	2	1146.657	4.89	Larva	2R:+:3362758-3362784	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_15394	LRDVIDQGFFVLPDGK	AGAP001345-PA	-	114	2.49E-11	1	1818.986	6.21	Larva	2R:+:3363655-3363702	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_17040	LQTYFDR	AGAP001345-PA	-	42	0.000538833	1	942.471	3.13	Larva	2R:+:3364030-3364050	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_19041	VNLSTPESIDVLGNLIQANPDSYEHR	AGAP001345-PA	-	181	1.13E-17	1	2881.444	4.07	Larva	2R:+:3363706-3363783	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_22358	SSVNFNGYVK	AGAP001345-PA	N6(Deamidated)	65	3.26E-06	1	1115.537	-0.22	Pupa	2R:+:3364372-3364401	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_22370	DVIDQGFFVLPDGKK	AGAP001345-PA	-	111	8.25E-11	1	1677.888	2.08	Pupa	2R:+:3363661-3363705	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_26084	GEVFSVYDELHREQAIALFR	AGAP001345-PA	-	134	5.23E-13	1	2379.213	1.77	Pupa	2R:+:3362935-3362994	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_28247	EHLPEYTYEELYYPGVK	AGAP001345-PA	-	145	4.84E-14	1	2130.008	0.8	Pupa	2R:+:3363955-3364005	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_28351	RGELYLYEHQQILAR	AGAP001345-PA	-	91	9.62E-09	1	1888.998	-2.46	Pupa	2R:+:3363415-3363459	exon=> In CDS Exon 1 of transcript AGAP001345-PA

JHU_Ag_29433	FQLDMSEAHCGFPNR	AGAP001345-PA	M5(Oxidation), C10(Carbamidomethyl)	64	2.57E-06	2	1824.786	3.5	Larva	2R:+:3364465-3364509	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_30260	YVAMYAR	AGAP001345-PA	M4(Oxidation)	40	0.000826154	1	873.428	-0.77	Pupa	2R:+:3363793-3363813	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_30519	ENFYELDYFVQELTAGK	AGAP001345-PA	N2(Deamidated)	120	1.44E-11	1	2065.978	1.42	Pupa	2R:+:3364306-3364356	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_33844	GELYLYEHQQILAR	AGAP001345-PA	-	111	1.12E-10	1	1732.905	1.78	Pupa	2R:+:3363418-3363459	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_34955	YDEYGGLYTLNENR	AGAP001345-PA	-	100	1.18E-09	2	1706.773	4.49	Larva	2R:+:3364264-3364305	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_35229	DWLHKQEDLLLLFR	AGAP001345-PA	-	83	3.57E-08	1	1826.001	2.8	Pupa	2R:+:3362743-3362784	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_39582	DWNPQLVAYAK	AGAP001345-PA	-	63	9.35E-06	1	1304.668	3.34	Larva	2R:+:3362800-3362832	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_43298	RGELYLYEHQQILAR	AGAP001345-PA	-	78	1.60E-07	1	1889.009	3.16	Larva	2R:+:3363415-3363459	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_45421	LRDVIDQGFFVLPDGK	AGAP001345-PA	-	91	5.64E-09	1	1818.977	1.31	Pupa	2R:+:3363655-3363702	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_47966	TSFYELYR	AGAP001345-PA	-	59	2.32E-05	2	1078.518	-2.46	Pupa	2R:+:3364408-3364431	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_48036	DNYYHVDQESNYR	AGAP001345-PA	-	75	1.33E-07	1	1702.713	2.4	Larva	2R:+:3363583-3363621	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_48158	KGGMPFQLYVIVSPYK	AGAP001345-PA	M4(Oxidation)	64	3.44E-06	1	1842.996	7.3	Larva	2R:+:3364531-3364578	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_48568	KLWSYYEHGLLPK	AGAP001345-PA	-	91	8.06E-09	1	1633.876	1.18	Pupa	2R:+:3362896-3362934	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_50494	RIVAYYHQFK	AGAP001345-PA	-	56	2.45E-05	3	1324.715	-0.73	Pupa	2R:+:3363925-3363954	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_52385	YDEYGGLYTLNENR	AGAP001345-PA	N13(Deamidated),N11(Deamidated)	124	3.97E-12	2	1706.766	-0.01	Pupa	2R:+:3364264-3364305	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_54273	DRTSFYELYR	AGAP001345-PA	-	48	0.000260493	2	1349.650	1.46	Larva	2R:+:3364402-3364431	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_54848	LWSYYEHGLLPK	AGAP001345-PA	-	49	0.000201526	2	1505.786	4.6	Larva	2R:+:3362899-3362934	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_55543	LSNDLGHVPEFSWWTPIATGYYPDLQYYNGHSFPAR	AGAP001345-PA	Q26(Deamidated),N29(Deamidated)	79	1.24E-07	1	4199.962	1.35	Pupa	2R:+:3363475-3363582	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_55810	FDVDITNAIDIEPEPYVPGK	AGAP001345-PA	-	73	7.18E-07	1	2232.113	2.54	Pupa	2R:+:3364051-3364110	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_56767	SVMAGYTGAEK	AGAP001345-PA	M3(Oxidation)	64	3.95E-06	1	1113.526	1.42	Pupa	2R:+:3364432-3364464	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_57043	DPVFYQIYK	AGAP001345-PA	-	65	5.20E-06	1	1172.603	3.66	Larva	2R:+:3363898-3363924	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_58051	GEVFSVYDELHR	AGAP001345-PA	-	63	8.03E-06	1	1450.703	4.57	Larva	2R:+:3362935-3362970	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_58355	FQLDMSEAHCGFPNR	AGAP001345-PA	C10(Carbamidomethyl)," M5(Oxidation), C10(Carbamidomethyl)"	87	1.43E-08	1	1808.784	0.04	Pupa	2R:+:3364465-3364509	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_59436	IVAYYHQFK	AGAP001345-PA	-	59	1.15E-05	1	1168.618	2.88	Larva	2R:+:3363928-3363954	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_59665	YAEKDWLHK	AGAP001345-PA	-	52	0.000128579	1	1189.599	-0.55	Pupa	2R:+:3362731-3362757	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_60102	SSVNFNGYVKDR	AGAP001345-PA	N6(Deamidated)	72	8.15E-07	2	1386.662	-2.22	Pupa	2R:+:3364372-3364407	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_65560	YEGFGEIEYKPDPVVIK	AGAP001345-PA	-	114	4.71E-11	1	1983.009	-1.06	Pupa	2R:+:3364111-3364161	exon=> In CDS Exon 1 of transcript AGAP001345-PA

JHU_Ag_66133	IIMGAAIEPVEPYQVIPSALEHYESAMR	AGAP001345-PA	M3(Oxidation), M27(Oxidation),M27(Oxidation)	89	1.31E-08	1	3130.563	1.18	Pupa	2R:+:3363814-3363897	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_71732	LWSYYEHGLLPK	AGAP001345-PA	-	79	2.25E-07	1	1505.782	1.85	Pupa	2R:+:3362899-3362934	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_72720	TSFYELYR	AGAP001345-PA	-	49	0.000205515	1	1078.525	4.44	Larva	2R:+:3364408-3364431	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_76219	VNLSTPESIDVLGNLIQANPDSYEHR	AGAP001345-PA	-	78	1.93E-07	1	2881.436	1.22	Pupa	2R:+:3363706-3363783	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_76828	YMDSYAFGYPFDRPIDEK	AGAP001345-PA	M2(Oxidation)	76	1.74E-07	1	2229.976	-1.55	Larva	2R:+:3364648-3364701	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_77565	ADMAGFVLPAPYEISPYHFINTEVIQK	AGAP001345-PA	M3(Oxidation)	74	5.12E-07	1	3066.544	5.07	Larva	2R:+:3363109-3363189	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_78180	GEVFSVYDELHR	AGAP001345-PA	-	82	1.04E-07	1	1450.697	0.87	Pupa	2R:+:3362935-3362970	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_78787	EHLPEYTYEELYYPGVK	AGAP001345-PA	-	139	2.17E-13	1	2130.016	4.24	Larva	2R:+:3363955-3364005	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_80021	IIMGAAIEPVEPYQVIPSALEHYESAMR	AGAP001345-PA	M3(Oxidation), M27(Oxidation)	96	3.16E-09	1	3146.572	5.62	Larva	2R:+:3363814-3363897	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_80418	VFLGPK	AGAP001345-PA	-	39	0.000528704	1	660.410	3.23	Larva	2R:+:3364246-3364263	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_82287	ISLTADKPAK	AGAP001345-PA	-	67	2.22E-06	1	1043.609	-0.16	Pupa	2R:+:3364204-3364233	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_83129	DVIDQGFFVLPDGKK	AGAP001345-PA	-	85	3.18E-08	2	1677.894	5.72	Larva	2R:+:3363661-3363705	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_83281	IIMGAAIEPVEPYQVIPSALEHYESAMRDPVFYQIYK	AGAP001345-PA	M3(Oxidation), M27(Oxidation)	133	3.55E-13	1	4300.165	6.99	Larva	2R:+:3363814-3363924	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_84807	KLWSYYEHGLLPK	AGAP001345-PA	-	69	1.30E-06	1	1633.881	4.69	Larva	2R:+:3362896-3362934	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_86413	ENFYELDYFVQELTAGK	AGAP001345-PA	-	109	2.01E-10	2	2065.985	4.49	Larva	2R:+:3364306-3364356	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_87173	LQTYFDR	AGAP001345-PA	-	42	0.000541102	1	942.468	-0.36	Pupa	2R:+:3364030-3364050	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_88550	KGGMPFQLYVIVSPYK	AGAP001345-PA	M4(Oxidation)	80	1.02E-07	2	1842.983	0.41	Pupa	2R:+:3364531-3364578	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_90189	APQVSQYSGFDPVLSCGVGSGAR	AGAP001345-PA	C16(Carbamidomethyl)	120	1.53E-11	1	2339.112	1.43	Pupa	2R:+:3364579-3364647	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_90408	GGMPFQLYVIVSPYK	AGAP001345-PA	M3(Oxidation)	119	1.76E-11	1	1714.891	2.29	Pupa	2R:+:3364534-3364578	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_90883	DNYYHVDQESNYR	AGAP001345-PA	Q8(Deamidated),N11(Deamidated)	98	6.37E-10	1	1702.710	0.68	Pupa	2R:+:3363583-3363621	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_91436	YYVNEGMFVYALTVAVTHR	AGAP001345-PA	M7(Oxidation)	82	1.01E-07	1	2249.119	5.63	Larva	2R:+:3363052-3363108	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_93749	SVMAGYTGAEK	AGAP001345-PA	M3(Oxidation)	49	0.000110682	1	1129.523	2.77	Larva	2R:+:3364432-3364464	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_93891	KVNLSTPESIDVLGNLIQANPDSYEHR	AGAP001345-PA	-	146	2.59E-14	1	3009.540	4.12	Larva	2R:+:3363703-3363783	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_94018	HLYEKDWNPQLVAYAK	AGAP001345-PA	-	89	2.47E-08	1	1975.013	2.85	Larva	2R:+:3362785-3362832	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_94500	ESAELFQHEPTVQWAK	AGAP001345-PA	-	102	1.05E-09	1	1899.927	1.99	Larva	2R:+:3362848-3362895	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_94583	SSVNFNGYVKDR	AGAP001345-PA	N6(Deamidated)	80	1.56E-07	2	1386.667	1.65	Larva	2R:+:3364372-3364407	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_95086	IDGVVVDK	AGAP001345-PA	-	50	0.000171693	2	844.479	1.32	Larva	2R:+:3364006-3364029	exon=> In CDS Exon 1 of transcript AGAP001345-PA

JHU_Ag_98574	DPVFYQIYKR	AGAP001345-PA	-	77	3.01E-07	1	1328.699	-0.85	Pupa	2R:+:3363898-3363927	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_98849	DVIDQGFFVLPDGK	AGAP001345-PA	-	82	1.09E-07	1	1549.796	3.83	Larva	2R:+:3363661-3363702	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_99056	YVAMYAR	AGAP001345-PA	M4(Oxidation)	42	0.000928373	1	889.426	3.04	Larva	2R:+:3363793-3363813	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_100300	HLYEKDWNPQLVAYAK	AGAP001345-PA	-	133	9.92E-13	1	1975.007	-0.26	Pupa	2R:+:3362785-3362832	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_100549	GGMPFQLYVIVSPYK	AGAP001345-PA	M3(Oxidation)	70	1.42E-06	2	1714.902	8.55	Larva	2R:+:3364534-3364578	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_103051	QEDLLLLFR	AGAP001345-PA	-	73	4.27E-07	2	1146.652	0.52	Pupa	2R:+:3362758-3362784	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_103689	IDGVVVDK	AGAP001345-PA	-	60	1.29E-05	2	844.476	-1.93	Pupa	2R:+:3364006-3364029	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_104238	ISLTADKPAK	AGAP001345-PA	-	67	1.84E-06	1	1043.612	2.76	Larva	2R:+:3364204-3364233	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_105994	IVAYYHQFK	AGAP001345-PA	-	67	1.81E-06	1	1168.614	-0.99	Pupa	2R:+:3363928-3363954	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_108217	LFYAVPNAFFQDVSIYHK	AGAP001345-PA	Q11(Deamidated),N7(Deamidated)	98	2.06E-09	1	2159.103	3.12	Pupa	2R:+:3364702-3364755	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_114286	YMDSYAFGYPFDRPIDEK	AGAP001345-PA	M2(Oxidation)	83	3.62E-08	1	2229.982	0.88	Pupa	2R:+:3364648-3364701	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_116832	IDGVVVDKLQTYFDR	AGAP001345-PA	-	66	2.94E-06	1	1767.925	-1.28	Pupa	2R:+:3364006-3364050	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_116858	ESAELFQHEPTVQWAK	AGAP001345-PA	Q7(Deamidated),Q13(Deamidated)	110	1.43E-10	1	1899.922	-0.64	Pupa	2R:+:3362848-3362895	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_117695	FDVDITNAIDIEPEPYVPGK	AGAP001345-PA	-	86	3.60E-08	1	2232.118	4.73	Larva	2R:+:3364051-3364110	exon=> In CDS Exon 1 of transcript AGAP001345-PA
JHU_Ag_57669	DWETFYK	AGAP001345-PA,AGAP001657-PA	-	52	3.63E-05	1	988.445	3.77	Larva	2R:+:3363013-3363033;2R:-:7536730-7536710	exon=> In CDS Exon 1 of transcript AGAP001345-PA;exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_94612	DWETFYK	AGAP001345-PA,AGAP001657-PA	-	49	5.63E-05	1	988.441	-0.49	Pupa	2R:+:3363013-3363033;2R:-:7536730-7536710	exon=> In CDS Exon 1 of transcript AGAP001345-PA;exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_4698	ECHVCAGNGCNFR	AGAP001346-PA	C2(Carbamidomethyl),C5(Carbamidomethyl),N8(Deamidated),C10(Carbamidomethyl),"C2(Carbamidomethyl),C5(Carbamidomethyl),C10(Carbamidomethyl)"	72	7.23E-08	1	1580.615	-0.41	Midgut	2R:+:3381675-3381713	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_5628	FVVDDQCVVR	AGAP001346-PA	C7(Carbamidomethyl)	62	9.74E-06	2	1236.600	-3.28	Midgut	2R:+:3381582-3381611	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_21102	VRENNVQR	AGAP001346-PA	-	37	0.001839226	2	1014.548	4.36	Malpighian tubule	2R:+:3381612-3381635	exon=> In CDS Exon 3 of transcript AGAP001346-PA

JHU_Ag_30009	ECHVCAGNGCNFR	AGAP001346-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), N8(Deamidated), C10(Carbamidomethyl),"C 2(Carbamidomethyl), C5(Carbamidomethyl), C10(Carbamidomethyl)"	75	3.27E-08	1	1581.605	3.37	Larva	2R:+:3381675-3381713	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_30847	GCATALTAAER	AGAP001346-PA	C2(Carbamidomethyl)	56	3.98E-05	2	1120.546	4.21	Larva	2R:+:3381381-3381413	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_38673	GCLSEHESCLNSR	AGAP001346-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	79	4.80E-08	1	1548.657	2.6	Larva	2R:+:3381636-3381674	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_41682	FVVDDQCVVR	AGAP001346-PA	C7(Carbamidomethyl)	53	9.76E-05	1	1236.607	2.55	Larva	2R:+:3381582-3381611	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_49024	GCLSEHESCLNSR	AGAP001346-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	74	1.72E-07	1	1548.655	1.34	Pupa	2R:+:3381636-3381674	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_55729	DNCALLNNCQLCSNDNGTACNGNLFP HGR	AGAP001346-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl), N16(Deamidated), C20(Carbamidomethyl),"C 3(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl), C20(Carbamidomethyl), N21(Deamidated)","C3(Ca rbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl), C20(Carbamidomethyl), N23(Deamidated)"	69	3.43E-07	3	3307.374	0.09	Midgut	2R:+:3381414-3381500	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_71370	DNCALLNNCQLCSNDNGTACNGNLFP HGR	AGAP001346-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl), N16(Deamidated), C20(Carbamidomethyl), N21(Deamidated)	193	1.20E-19	1	3308.358	0.09	Larva	2R:+:3381414-3381500	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_81998	GCLSEHESCLNSR	AGAP001346-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	100	4.22E-10	1	1548.655	1.57	Malpighian tubule	2R:+:3381636-3381674	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_97327	IVGQDVER	AGAP001346-PA	-	42	0.001041965	1	915.491	1.55	Malpighian tubule	2R:+:3381264-3381270,3381364-3381380	exon=> In CDS Exon 2 and 3 of transcript AGAP001346-PA
JHU_Ag_112019	ECHVCAGNGCNFR	AGAP001346-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), N8(Deamidated), C10(Carbamidomethyl),"C 2(Carbamidomethyl), C5(Carbamidomethyl), C10(Carbamidomethyl)"	70	1.30E-07	1	1580.617	1.29	Malpighian tubule	2R:+:3381675-3381713	exon=> In CDS Exon 3 of transcript AGAP001346-PA

JHU_Ag_113120	IVGQDVER	AGAP001346-PA	-	59	2.18E-05	2	915.493	3.55	Larva	2R:+:3381264-3381270,3381364-3381380	exon=> In CDS Exon 2 and 3 of transcript AGAP001346-PA
JHU_Ag_116214	GCLSEHESCLNSR	AGAP001346-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	98	6.24E-10	1	1548.658	3.38	Midgut	2R:+:3381636-3381674	exon=> In CDS Exon 3 of transcript AGAP001346-PA
JHU_Ag_19800	ACGTGGVLANAPLVQSK	AGAP001349-PA	C2(Carbamidomethyl)	52	7.72E-05	2	1642.868	5.87	Malpighian tubule	2R:-:3395328-3395278	exon=> In CDS Exon 2 of transcript AGAP001349-PA
JHU_Ag_85696	EEGQIIGSYLSIPNIQAHHYGR	AGAP001350-PA	-	55	4.57E-05	1	2482.249	0.68	Head	2R:-:3399415-3399350	exon=> In CDS Exon 4 of transcript AGAP001350-PA
JHU_Ag_7557	DLVITPTLK	AGAP001352-PA	-	72	4.41E-07	1	999.608	-0.55	Midgut	2R:-:3431258-3431232	exon=> In CDS Exon 3 of transcript AGAP001352-PA
JHU_Ag_19621	LIGVLPVNR	AGAP001352-PA	-	45	2.22E-05	1	980.625	0	Midgut	2R:-:3431438-3431412	exon=> In CDS Exon 2 of transcript AGAP001352-PA
JHU_Ag_23234	GGASVAISGDK	AGAP001352-PA	-	54	8.12E-05	1	961.496	0.86	Midgut	2R:-:3431303-3431271	exon=> In CDS Exon 3 of transcript AGAP001352-PA
JHU_Ag_41066	VDFELFFGALR	AGAP001352-PA	-	88	1.60E-08	2	1313.695	4.34	Midgut	2R:-:3431501-3431469	exon=> In CDS Exon 2 of transcript AGAP001352-PA
JHU_Ag_42818	GIFLNPVASFAFNR	AGAP001352-PA	-	55	2.36E-05	2	1552.836	5.69	Malpighian tubule	2R:-:3431210-3431169	exon=> In CDS Exon 3 of transcript AGAP001352-PA
JHU_Ag_54586	GGASVAISGDKLQVR	AGAP001352-PA	-	107	2.28E-10	1	1457.806	-0.49	Midgut	2R:-:3431303-3431259	exon=> In CDS Exon 3 of transcript AGAP001352-PA
JHU_Ag_59568	FLEDFR	AGAP001352-PA	-	30	0.008572154	2	826.408	-1.79	Midgut	2R:-:3431769-3431752	exon=> In CDS Exon 1 of transcript AGAP001352-PA
JHU_Ag_75101	GIFLNPVASFAFNR	AGAP001352-PA	-	128	1.79E-12	1	1552.824	-2.33	Midgut	2R:-:3431210-3431169	exon=> In CDS Exon 3 of transcript AGAP001352-PA
JHU_Ag_109751	NNALNELIIK	AGAP001352-PA	N2(Deamidated)	69	1.03E-06	2	1141.653	-3.82	Midgut	2R:-:3431799-3431770	exon=> In CDS Exon 1 of transcript AGAP001352-PA
JHU_Ag_5348	LAEAVGCPHEPSK	AGAP001356-PA	C7(Carbamidomethyl)	62	1.05E-05	1	1394.674	0.38	Head	2R:+:3492623-3492661	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_9604	LSDAVECLR	AGAP001356-PA	C7(Carbamidomethyl)	52	0.000110656	2	1062.524	-1.08	Pupa	2R:+:3492662-3492688	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_11791	TGNPNPNTASSEFPEWPK	AGAP001356-PA	-	82	7.47E-08	1	1972.908	2.22	Head	2R:+:3493316-3493320,3493387-3493435	exon=> In CDS Exon 5 and 6 of transcript AGAP001356-PA
JHU_Ag_13412	EEFLQAVR	AGAP001356-PA	-	68	2.67E-06	2	991.521	0.21	Salivary gland	2R:+:3492929-3492952	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_20673	YAEEGNNVYMYLYTHR	AGAP001356-PA	M10(Oxidation)	82	5.60E-08	1	2038.908	5.84	Head	2R:+:3493112-3493159	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_24119	GITVDAPSGK	AGAP001356-PA	-	48	0.000284671	1	944.505	-0.24	Head	2R:+:3491765-3491794	exon=> In CDS Exon 3 of transcript AGAP001356-PA
JHU_Ag_24358	ESNSDANDNDPLVVNTDKGR	AGAP001356-PA	-	59	1.44E-05	1	2159.982	1.08	Head	2R:+:3491613-3491625,3491712-3491758	exon=> In CDS Exon 2 and 3 of transcript AGAP001356-PA
JHU_Ag_30628	IIDAELGTLEHVHSGATPR	AGAP001356-PA	-	71	1.27E-06	1	2016.040	-5.59	Head	2R:+:3491535-3491591	exon=> In CDS Exon 2 of transcript AGAP001356-PA
JHU_Ag_31308	LAEAVGCPHEPSK	AGAP001356-PA	C7(Carbamidomethyl)	56	4.13E-05	1	1394.674	0.63	Salivary gland	2R:+:3492623-3492661	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_35564	KVDVWLGIPYAQPPVGPLR	AGAP001356-PA	-	54	9.40E-06	1	2105.192	0.58	Visceras	2R:+:3491795-3491851	exon=> In CDS Exon 3 of transcript AGAP001356-PA
JHU_Ag_40754	AILQSGSPTAPWALVSR	AGAP001356-PA	-	115	2.03E-11	2	1753.958	-1.04	Head	2R:+:3492459-3492509	exon=> In CDS Exon 4 of transcript AGAP001356-PA
JHU_Ag_53463	ESNSDANDNDPLVVNTDKGR	AGAP001356-PA	-	50	0.000126935	1	2159.978	-1.12	Salivary gland	2R:+:3491613-3491625,3491712-3491758	exon=> In CDS Exon 2 and 3 of transcript AGAP001356-PA
JHU_Ag_53613	GITVDAPSGK	AGAP001356-PA	-	53	0.000103835	1	944.504	-0.48	Salivary gland	2R:+:3491765-3491794	exon=> In CDS Exon 3 of transcript AGAP001356-PA

JHU_Ag_53759	YWSNFAK	AGAP001356-PA	-	38	0.000939234	1	915.438	2.36	Head	2R:+:3493295-3493315	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_54521	ELNPYVNGAAR	AGAP001356-PA	-	61	1.41E-05	2	1203.611	-0.28	Head	2R:+:3492953-3492985	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_55899	KVDVWLGIPYAQPPVGPLR	AGAP001356-PA	-	35	0.0007132	3	2105.194	1.62	Salivary gland	2R:+:3491795-3491851	exon=> In CDS Exon 3 of transcript AGAP001356-PA
JHU_Ag_57370	TGNPNPNTASSEFPEWPK	AGAP001356-PA	-	116	2.63E-11	1	1972.901	-1.19	Salivary gland	2R:+:3493316-3493320,3493387-3493435	exon=> In CDS Exon 5 and 6 of transcript AGAP001356-PA
JHU_Ag_63641	LSDAVECLR	AGAP001356-PA	C7(Carbamidomethyl)	63	1.03E-05	1	1062.524	-0.39	Salivary gland	2R:+:3492662-3492688	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_63706	YAEEGNNVYMYLYTHR	AGAP001356-PA	M10(Oxidation)	41	0.000753776	1	2038.902	2.88	Salivary gland	2R:+:3493112-3493159	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_69668	MVGDYHFTCNVNEFAQR	AGAP001356-PA	M1(Oxidation), C9(Carbamidomethyl)	58	8.76E-06	1	2103.906	2.36	Head	2R:+:3493061-3493111	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_94753	AILQSGSPTAPWALVSR	AGAP001356-PA	-	90	5.36E-09	2	1753.957	-1.52	Visceras	2R:+:3492459-3492509	exon=> In CDS Exon 4 of transcript AGAP001356-PA
JHU_Ag_94862	ESNSDANDNDPLVVNTDK	AGAP001356-PA	N7(Deamidated),N3(Deamidated)	121	5.04E-12	1	1947.844	1.19	Head	2R:+:3491613-3491625,3491712-3491752	exon=> In CDS Exon 2 and 3 of transcript AGAP001356-PA
JHU_Ag_96849	AILQSGSPTAPWALVSR	AGAP001356-PA	-	88	9.27E-09	2	1753.963	1.75	Salivary gland	2R:+:3492459-3492509	exon=> In CDS Exon 4 of transcript AGAP001356-PA
JHU_Ag_106327	KVDVWLGIPYAQPPVGPLR	AGAP001356-PA	-	57	5.32E-06	1	2105.192	0.4	Pupa	2R:+:3491795-3491851	exon=> In CDS Exon 3 of transcript AGAP001356-PA
JHU_Ag_106721	QAIVFEYTDWTEPDNPNSNR	AGAP001356-PA	-	49	0.00012789	1	2396.072	-2.8	Head	2R:+:3492986-3493045	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_107020	YAEEGNNVYMYLYTHR	AGAP001356-PA	M10(Oxidation)	87	1.80E-08	1	2038.901	2.34	Larva	2R:+:3493112-3493159	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_109755	VASLGFLFLGTPEAPGNAGLFDQNLALR	AGAP001356-PA	-	50	4.76E-05	3	2888.551	6.98	Salivary gland	2R:+:3492167-3492249,3492329-3492329	exon=> In CDS Exon 3 and 4 of transcript AGAP001356-PA
JHU_Ag_113681	ELNPYVNGAAR	AGAP001356-PA	N7(Deamidated)	57	3.45E-05	2	1203.610	-1.09	Salivary gland	2R:+:3492953-3492985	exon=> In CDS Exon 5 of transcript AGAP001356-PA
JHU_Ag_116647	KVDVWLGIPYAQPPVGPLR	AGAP001356-PA	-	35	0.000677688	3	2105.199	4.06	Head	2R:+:3491795-3491851	exon=> In CDS Exon 3 of transcript AGAP001356-PA
JHU_Ag_4887	EQEQSHILQLIDRF	AGAP001357-PA	-	51	0.000102231	2	1755.908	3	Head	2R:+:3503404-3503445	exon=> In CDS Exon 3 of transcript AGAP001357-PA
JHU_Ag_9981	NQQAAGLLVQNLER	AGAP001357-PA	-	105	2.41E-10	2	1553.841	0.88	Ovary	2R:+:3502275-3502316	exon=> In CDS Exon 2 of transcript AGAP001357-PA
JHU_Ag_13670	MDVGELLSFKPEQTPK	AGAP001357-PA	N-Term(Acetyl), M1(Oxidation)	87	3.87E-08	1	1876.944	3.91	Ovary	2R:+:3501596-3501625,3501696-3501713	exon=> In CDS Exon 1 and 2 of transcript AGAP001357-PA
JHU_Ag_27392	LNILK	AGAP001357-PA	-	32	0.003397786	1	600.407	-1	Midgut	2R:+:3501888-3501902	exon=> In CDS Exon 2 of transcript AGAP001357-PA
JHU_Ag_57188	LNILK	AGAP001357-PA	-	30	0.005226321	1	600.410	2.76	Larva	2R:+:3501888-3501902	exon=> In CDS Exon 2 of transcript AGAP001357-PA
JHU_Ag_61185	VQPVQLPNVQLPPLIK	AGAP001360-PA	-	42	4.81E-05	1	1783.086	1.12	Ovary	2R:+:3547563-3547610	exon=> In CDS Exon 1 of transcript AGAP001360-PA
JHU_Ag_8699	FAAEEFKVPPATSAIITDDGIGINPQQTAGTVFLK	AGAP001364-PA	-	42	0.000297986	1	3646.923	6.26	Visceras	2R:+:3581415-3581519	exon=> In CDS Exon 3 of transcript AGAP001364-PA
JHU_Ag_42673	VLSVPEATPFTAVLK	AGAP001364-PA	-	68	3.88E-07	1	1571.908	2.22	Ovary	2R:+:3581299-3581300,3581372-3581414	exon=> In CDS Exon 2 and 3 of transcript AGAP001364-PA
JHU_Ag_61274	VLSVPEATPFTAVLK	AGAP001364-PA	-	36	0.000655007	2	1571.909	2.91	Visceras	2R:+:3581299-3581300,3581372-3581414	exon=> In CDS Exon 2 and 3 of transcript AGAP001364-PA

JHU_Ag_63324	VPPATSAIITDDGIGINPQQTAGTVFLK	AGAP001364-PA	-	142	2.11E-14	1	2824.511	0.67	Ovary	2R:+:3581436-3581519	exon=> In CDS Exon 3 of transcript AGAP001364-PA
JHU_Ag_68587	FAAEEFKVPPATSAIITDDGIGINPQQTAGTVFLK	AGAP001364-PA	-	60	5.46E-06	1	3646.911	2.84	Malpighian tubule	2R:+:3581415-3581519	exon=> In CDS Exon 3 of transcript AGAP001364-PA
JHU_Ag_73068	VLSVPEATPFTAVLK	AGAP001364-PA	-	84	1.21E-08	1	1571.903	-0.81	Head	2R:+:3581299-3581300,3581372-3581414	exon=> In CDS Exon 2 and 3 of transcript AGAP001364-PA
JHU_Ag_90109	VLSVPEATPFTAVLK	AGAP001364-PA	-	48	3.88E-05	2	1571.913	5.4	Malpighian tubule	2R:+:3581299-3581300,3581372-3581414	exon=> In CDS Exon 2 and 3 of transcript AGAP001364-PA
JHU_Ag_26013	ANPLVTHGTVSER	AGAP001366-PA	-	70	1.39E-06	1	1380.724	0.98	Head	2R:-:3585825-3585787	exon=> In CDS Exon 4 of transcript AGAP001366-PA
JHU_Ag_70094	IGFVPGWGYNEHGLVSSR	AGAP001366-PA	-	36	0.004815764	1	1974.988	2.87	Head	2R:-:3585414-3585361	exon=> In CDS Exon 4 of transcript AGAP001366-PA
JHU_Ag_71375	RVSTVPLIADK	AGAP001366-PA	-	33	0.002114703	1	1198.714	-1.6	Head	2R:-:3586032-3586000	exon=> In CDS Exon 4 of transcript AGAP001366-PA
JHU_Ag_76395	FFNDIAVLVLK	AGAP001366-PA	-	26	0.006059303	2	1278.753	5.88	Head	2R:-:3585528-3585496	exon=> In CDS Exon 4 of transcript AGAP001366-PA
JHU_Ag_94514	SIHIPAQYQHER	AGAP001366-PA	-	55	5.38E-05	1	1478.747	-2.16	Head	2R:-:3585564-3585529	exon=> In CDS Exon 4 of transcript AGAP001366-PA
JHU_Ag_102054	HYVVFTDAAK	AGAP001366-PA	-	38	0.002222944	1	1150.585	-3.41	Head	2R:-:3585123-3585094	exon=> In CDS Exon 4 of transcript AGAP001366-PA
JHU_Ag_66498	AFGVQTDDEQVLSQSGFLTK	AGAP001368-PB	-	105	4.41E-10	1	2170.077	5.11	Ovary	2R:+:3644595-3644654	exon=> In CDS Exon 1 of transcript AGAP001368-PB
JHU_Ag_72403	LQMVHEFPMLFLGLR	AGAP001368-PB	M3(Oxidation), M9(Oxidation)	41	0.000993862	1	1862.972	3.18	Ovary	2R:+:3644118-3644162	exon=> In CDS Exon 1 of transcript AGAP001368-PB
JHU_Ag_68517	APASDIELDHTPDTSLESTLVDDSLSK	AGAP001369-PA	-	147	3.22E-14	1	2856.359	-1.4	Head	2R:+:3727222-3727302	exon=> In CDS Exon 3 of transcript AGAP001369-PA
JHU_Ag_27638	VLKPPGGGSSDLFGADQLGPNTPR	AGAP001372-PA,AGAP001372-PB,AGAP001372-PC	-	62	6.37E-06	1	2380.224	-0.77	Male reproductive organs	2R:-:3895340-3895269;2R:-:3895340-3895269;2R:-:3895340-3895269	exon=> In CDS Exon 2 of transcript AGAP001372-PA;exon=> In CDS Exon 2 of transcript AGAP001372-PB;exon=> In CDS Exon 2 of transcript AGAP001372-PC
JHU_Ag_36101	VLKPPGGGSSDLFGADQLGPNTPR	AGAP001372-PA,AGAP001372-PB,AGAP001372-PC	-	66	2.87E-06	1	2380.228	1	Ovary	2R:-:3895340-3895269;2R:-:3895340-3895269;2R:-:3895340-3895269	exon=> In CDS Exon 2 of transcript AGAP001372-PA;exon=> In CDS Exon 2 of transcript AGAP001372-PB;exon=> In CDS Exon 2 of transcript AGAP001372-PC
JHU_Ag_49477	VLKPPGGGSSDLFGADQLGPNTPR	AGAP001372-PA,AGAP001372-PB,AGAP001372-PC	-	82	6.74E-08	1	2380.227	0.69	Head	2R:-:3895340-3895269;2R:-:3895340-3895269;2R:-:3895340-3895269	exon=> In CDS Exon 2 of transcript AGAP001372-PA;exon=> In CDS Exon 2 of transcript AGAP001372-PB;exon=> In CDS Exon 2 of transcript AGAP001372-PC
JHU_Ag_49767	VLKPPGGGSSDLFGADQLGPNTPR	AGAP001372-PA,AGAP001372-PB,AGAP001372-PC	-	57	1.97E-05	1	2380.236	4.31	Malpighian tubule	2R:-:3895340-3895269;2R:-:3895340-3895269;2R:-:3895340-3895269	exon=> In CDS Exon 2 of transcript AGAP001372-PA;exon=> In CDS Exon 2 of transcript AGAP001372-PB;exon=> In CDS Exon 2 of transcript AGAP001372-PC

JHU_Ag_108738	SNGAAEINTTVPSLNGGGHVINK	AGAP001372-PA,AGAP001372-PB,AGAP001372-PC	-	73	6.69E-07	1	2250.155	3.32	Head	2R:-:3888633-3888565;2R:-:3888633-3888565;2R:-:3888633-3888565	exon=> In CDS Exon 4 of transcript AGAP001372-PA;exon=> In CDS Exon 6 of transcript AGAP001372-PB;exon=> In CDS Exon 5 of transcript AGAP001372-PC
JHU_Ag_23400	NPVTGNGVEDYADKPR	AGAP001372-PB,AGAP001372-PC	-	55	4.91E-05	1	1731.829	-0.17	Ovary	2R:-:3889249-3889202;2R:-:3889249-3889202	exon=> In CDS Exon 5 of transcript AGAP001372-PB;exon=> In CDS Exon 4 of transcript AGAP001372-PC
JHU_Ag_100048	SLIAAQELGDEKLQIIQQLQDLIDHK	AGAP001373-PA	-	86	7.40E-09	1	2959.622	3.96	Ovary	2R:+:3996642-3996719	exon=> In CDS Exon 1 of transcript AGAP001373-PA
JHU_Ag_7018	SPMLQTLHAVELATVVNPELENRENLLNDQVVQLR	AGAP001374-PA	M3(Oxidation)	214	1.19E-21	1	3983.109	1.65	Salivary gland	2R:+:4001879-4001983	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_8965	SMYDLIGQLVQSSK	AGAP001374-PA	M2(Oxidation)	78	2.59E-07	2	1584.799	3.1	Head	2R:+:4001837-4001878	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_10991	ENLLNDQVVQLR	AGAP001374-PA	N5(Deamidated),Q7(Deamidated)	107	1.97E-10	1	1440.779	-1.37	Salivary gland	2R:+:4001948-4001983	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_14822	SPMLQTLHAVELATVVNPELENR	AGAP001374-PA	M3(Oxidation)	172	5.66E-17	1	2577.338	1.44	Salivary gland	2R:+:4001879-4001947	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_15626	SPMLQTLHAVELATVVNPELENRENLLNDQVVQLR	AGAP001374-PA	M3(Oxidation)	48	7.37E-05	1	3999.117	4.97	Ovary	2R:+:4001879-4001983	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_19079	SPMLQTLHAVELATVVNPELENR	AGAP001374-PA	M3(Oxidation)	38	0.00127726	3	2577.342	3.16	Head	2R:+:4001879-4001947	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_22990	LSQLAHAMPSLVDVK	AGAP001374-PA	M8(Oxidation)	116	2.05E-11	1	1624.874	0.64	Salivary gland	2R:+:4002242-4002286	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_27339	ALEPLQK	AGAP001374-PA	-	40	0.000421076	1	798.473	0.95	Salivary gland	2R:+:4001651-4001671	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_27731	SLNPASPTGSLGGK	AGAP001374-PA	-	44	0.000492457	1	1285.673	-1.13	Head	2R:+:4001489-4001530	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_27839	YAWALPMHKK	AGAP001374-PA	M7(Oxidation)	40	0.001801516	1	1260.657	1.15	Salivary gland	2R:+:4001801-4001830	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_28093	YCENKIQADQYNLVPLTCIR	AGAP001374-PA	C2(Carbamidomethyl),C18(Carbamidomethyl)	36	0.003938508	1	2498.226	3.86	Salivary gland	2R:+:4001423-4001482	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_28189	SLNPASPTGSLGGK	AGAP001374-PA	-	85	4.20E-08	1	1285.675	0.35	Salivary gland	2R:+:4001489-4001530	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_34687	LSSVDLLLQSLTAENGTLVQDPEYVYR	AGAP001374-PA	-	163	4.55E-16	1	3023.561	1.25	Salivary gland	2R:+:4002161-4002241	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_40577	FNTPIDGK	AGAP001374-PA	-	47	0.000370525	2	891.459	1.69	Salivary gland	2R:+:4002332-4002355	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_41760	TLQYFQNIGISPSSSVAT	AGAP001374-PA	-	103	7.11E-10	1	1912.964	-0.58	Salivary gland	2R:+:4002356-4002409	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_42156	SLNPASPTGSLGGK	AGAP001374-PA	-	38	0.00194129	1	1285.675	0.39	Visceras	2R:+:4001489-4001530	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_42410	LDNYFQPANVEELLK	AGAP001374-PA	Q6(Deamidated),N3(Deamidated)	91	1.34E-08	1	1792.914	1.57	Salivary gland	2R:+:4001756-4001800	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_44720	AHPDLQQSVDDLMAK	AGAP001374-PA	M13(Oxidation)	115	4.87E-11	1	1683.800	-0.31	Salivary gland	2R:+:4002287-4002331	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_45127	SMYDLIGQLVQSSK	AGAP001374-PA	M2(Oxidation)	105	4.55E-10	2	1584.795	0.94	Salivary gland	2R:+:4001837-4001878	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_55679	GWLSVSQQEK	AGAP001374-PA	-	79	2.48E-07	1	1161.590	-0.33	Salivary gland	2R:+:4001378-4001407	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_63181	LPDGSKPGADTLPNIVNFIAQLPSDELR	AGAP001374-PA	N17(Deamidated)	120	6.18E-12	1	2977.571	2.53	Salivary gland	2R:+:4002077-4002160	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_65118	NSFATLVSIAR	AGAP001374-PA	-	64	2.37E-06	2	1178.653	0.02	Head	2R:+:4001999-4002031	exon=> In CDS Exon 1 of transcript AGAP001374-PA

JHU_Ag_65436	SLNPASPTGSLGGKDVVSK	AGAP001374-PA	-	81	8.11E-08	1	1813.968	1.14	Salivary gland	2R:+:4001489-4001545	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_66039	NSFATLVSIAR	AGAP001374-PA	N1(Deamidated)	106	2.17E-10	2	1179.637	-0.09	Salivary gland	2R:+:4001999-4002031	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_66123	AVFYSFMEMGDNVKLDNYFQPANVEELLK	AGAP001374-PA	M7(Oxidation), M9(Oxidation)	160	1.23E-15	1	3443.618	0.03	Salivary gland	2R:+:4001714-4001800	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_66505	QVLDAWK	AGAP001374-PA	-	51	0.000125 39	1	859.469	1.86	Salivary gland	2R:+:4001630-4001650	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_67014	LPDGSKPGADTLPNIVNFIAQLPSDELR	AGAP001374-PA	-	90	6.90E-09	1	2977.570	2.17	Visceras	2R:+:4002077-4002160	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_67167	YAWALPMHK	AGAP001374-PA	M7(Oxidation)	59	2.02E-05	1	1132.562	0.63	Salivary gland	2R:+:4001801-4001827	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_69155	IDAAMSNFK	AGAP001374-PA	M5(Oxidation)	67	2.03E-06	1	1012.476	-0.8	Salivary gland	2R:+:4001546-4001572	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_70282	NSFATLVSIAR	AGAP001374-PA	-	102	4.48E-10	2	1178.654	0.96	Visceras	2R:+:4001999-4002031	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_71170	SLNPASPTGSLGGKDVVSK	AGAP001374-PA	-	77	2.06E-07	2	1813.962	-2.16	Head	2R:+:4001489-4001545	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_77605	HFPDHFDTLR	AGAP001374-PA	-	77	2.41E-07	1	1284.610	-1.95	Head	2R:+:4002032-4002061	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_82552	AVFYSFMEMGDNVK	AGAP001374-PA	M7(Oxidation), M9(Oxidation),M9(Oxidation),M7(Oxidation)	122	4.85E-12	1	1653.731	1.32	Salivary gland	2R:+:4001714-4001755	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_83703	AHPDLQQSVDDLMAK	AGAP001374-PA	M13(Oxidation)	84	5.81E-08	1	1683.803	1.43	Head	2R:+:4002287-4002331	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_91967	IQADQYNLVPLTCIR	AGAP001374-PA	C13(Carbamidomethyl)	82	9.14E-08	2	1803.940	-1.12	Head	2R:+:4001438-4001482	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_92493	ENLLNDQVVQLR	AGAP001374-PA	-	57	1.98E-05	2	1440.780	-0.27	Visceras	2R:+:4001948-4001983	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_98343	LEEEVKR	AGAP001374-PA	-	45	0.000863 916	2	902.493	-0.85	Salivary gland	2R:+:4001609-4001629	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_100758	IQADQYNLVPLTCIR	AGAP001374-PA	C13(Carbamidomethyl)	113	6.43E-11	1	1803.947	2.81	Salivary gland	2R:+:4001438-4001482	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_102746	ENLLNDQVVQLR	AGAP001374-PA	-	83	4.17E-08	1	1440.781	0.07	Head	2R:+:4001948-4001983	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_102844	LDNYFQPANVEELLK	AGAP001374-PA	-	100	1.39E-09	1	1792.917	3.2	Head	2R:+:4001756-4001800	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_110887	GWLSVSQQEK	AGAP001374-PA	-	45	0.000648 155	1	1161.590	-0.23	Head	2R:+:4001378-4001407	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_114672	TLFEPMKADLAK	AGAP001374-PA	M6(Oxidation)	66	3.23E-06	1	1363.730	0.34	Salivary gland	2R:+:4001573-4001608	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_116729	HFPDHFDTLR	AGAP001374-PA	-	72	8.38E-07	1	1284.611	-0.88	Salivary gland	2R:+:4002032-4002061	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_117353	TLFEPMK	AGAP001374-PA	-	43	0.000675 795	1	865.449	-0.16	Salivary gland	2R:+:4001573-4001593	exon=> In CDS Exon 1 of transcript AGAP001374-PA
JHU_Ag_22548	ANLKDDEEQVNESK	AGAP001375-PA	-	110	1.63E-10	1	1618.757	0.67	Pupa	2R:+:4011601-4011642	exon=> In CDS Exon 3 of transcript AGAP001375-PA
JHU_Ag_48218	SLVQMPVQICIPK	AGAP001375-PA	M5(Oxidation), C10(Carbamidomethyl)	73	5.37E-07	1	1528.826	2.49	Pupa	2R:+:4012085-4012123	exon=> In CDS Exon 5 of transcript AGAP001375-PA
JHU_Ag_50913	SLVGVSTNIITSSLLK	AGAP001375-PA	-	82	7.98E-09	2	1631.965	4.15	Pupa	2R:+:4010520-4010567	exon=> In CDS Exon 1 of transcript AGAP001375-PA
JHU_Ag_53543	LGLITMFTSK	AGAP001375-PA	M6(Oxidation)	67	1.29E-06	2	1110.623	-0.07	Pupa	2R:+:4012228-4012257	exon=> In CDS Exon 6 of transcript AGAP001375-PA
JHU_Ag_56894	TIDDEQEQFTADKPFLFFVR	AGAP001375-PA	-	49	0.000179 932	1	2446.203	4.23	Pupa	2R:+:4012390-4012449	exon=> In CDS Exon 6 of transcript AGAP001375-PA

JHU_Ag_64574	ADLSGITTEQK	AGAP001375-PA	-	85	5.46E-08	1	1162.594	-0.77	Pupa	2R:+:4012258-4012290	exon=> In CDS Exon 6 of transcript AGAP001375-PA
JHU_Ag_74543	GSWATPFQQLR	AGAP001375-PA	-	56	4.78E-05	1	1290.662	2.16	Pupa	2R:+:4011673-4011696,4011779-4011787	exon=> In CDS Exon 3 and 4 of transcript AGAP001375-PA
JHU_Ag_95895	LSGQNPTDEPQFK	AGAP001375-PA	-	73	7.70E-07	1	1460.701	-0.47	Pupa	2R:+:4010810-4010848	exon=> In CDS Exon 2 of transcript AGAP001375-PA
JHU_Ag_96105	YSLLLMVPNNK	AGAP001375-PA	-	57	2.16E-05	2	1291.711	2.66	Pupa	2R:+:4011992-4012024	exon=> In CDS Exon 5 of transcript AGAP001375-PA
JHU_Ag_103371	NFNPDTLSTVQK	AGAP001375-PA	-	75	5.31E-07	1	1363.685	-0.21	Pupa	2R:+:4012049-4012084	exon=> In CDS Exon 5 of transcript AGAP001375-PA
JHU_Ag_105777	MLLFNGLYYR	AGAP001375-PA	N5(Deamidated)	51	0.000137109	1	1290.659	2.88	Pupa	2R:+:4011643-4011672	exon=> In CDS Exon 3 of transcript AGAP001375-PA
JHU_Ag_116945	IHVDELVQHVSIR	AGAP001375-PA	-	114	3.30E-11	1	1544.858	2.06	Pupa	2R:+:4012291-4012329	exon=> In CDS Exon 6 of transcript AGAP001375-PA
JHU_Ag_6959	ALQNGVEFVPVNFLNR	AGAP001376-PA	-	47	0.000207398	1	1816.970	-0.42	Head	2R:+:4015642-4015689	exon=> In CDS Exon 3 of transcript AGAP001376-PA
JHU_Ag_92492	ASALQNLANEPLVVR	AGAP001376-PA	-	55	1.19E-05	2	1594.895	2.34	Head	2R:+:4016295-4016339	exon=> In CDS Exon 4 of transcript AGAP001376-PA
JHU_Ag_118	STTFELLPAFR	AGAP001377-PA	-	40	0.001083521	2	1281.685	1.29	Head	2R:+:4019046-4019078	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_6983	LGVASIFGDNKPFDQLSNDNVK	AGAP001377-PA	-	48	0.000175658	1	2378.203	1.74	Ovary	2R:+:4019785-4019850	exon=> In CDS Exon 4 of transcript AGAP001377-PA
JHU_Ag_19195	LASETINNWAR	AGAP001377-PA	-	57	3.61E-05	2	1274.646	-1.9	Pupa	2R:+:4019136-4019168	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_33522	STTFELLPAFR	AGAP001377-PA	-	58	1.56E-05	1	1281.689	3.86	Malpighian tubule	2R:+:4019046-4019078	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_45734	ALTPQADQEPITK	AGAP001377-PA	-	68	1.74E-06	2	1411.744	0.72	Pupa	2R:+:4018974-4019012	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_55926	ALTPQADQEPITK	AGAP001377-PA	-	64	3.63E-06	2	1411.747	2.71	Head	2R:+:4018974-4019012	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_72219	NKLDSASQIFK	AGAP001377-PA	-	42	0.000766623	1	1250.676	1.57	Pupa	2R:+:4019013-4019045	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_89569	ALTPQADQEPITK	AGAP001377-PA	-	39	0.001171117	2	1411.745	1.59	Ovary	2R:+:4018974-4019012	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_99881	STTFELLPAFR	AGAP001377-PA	-	44	0.000434728	1	1281.684	-0.05	Pupa	2R:+:4019046-4019078	exon=> In CDS Exon 2 of transcript AGAP001377-PA
JHU_Ag_5447	AEFENNDDIGVFSK	AGAP001380-PA	-	80	1.17E-07	1	1584.719	0.91	Male reproductive organs	2R:-:4051665-4051624	exon=> In CDS Exon 1 of transcript AGAP001380-PA
JHU_Ag_8300	TPSQELDELASLLQIPLVAGTVNR	AGAP001380-PA	-	36	0.000818593	3	2564.392	-0.42	Midgut	2R:-:4050940-4050869	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_8586	LNEAQPSNVTSNLR	AGAP001380-PA	-	87	2.63E-08	1	1542.787	0.02	Male reproductive organs	2R:-:4050763-4050722	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_9845	AEFENNDDIGVFSK	AGAP001380-PA	-	111	8.73E-11	1	1584.721	2.14	Ovary	2R:-:4051665-4051624	exon=> In CDS Exon 1 of transcript AGAP001380-PA
JHU_Ag_16055	LSALGNVIACNDYVALVHPDIDRETEEIIVDTLGVEVFR	AGAP001380-PA	C10(Carbamidomethyl)	139	6.00E-14	1	4355.221	-0.49	Ovary	2R:-:4051132-4051016	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_21495	QTVANNVLVGAYSVLSNQGGLVHPK	AGAP001380-PA	-	64	2.17E-06	1	2565.380	0.64	Head	2R:-:4051015-4050941	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_24690	TPSQELDELASLLQIPLVAGTVNR	AGAP001380-PA	-	111	2.66E-11	1	2564.397	1.51	Ovary	2R:-:4050940-4050869	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_36372	ETEEIIVDTLGVEVFR	AGAP001380-PA	-	45	0.000376822	1	1848.963	2.25	Ovary	2R:-:4051063-4051016	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_38454	LSALGNVIACNDYVALVHPDIDR	AGAP001380-PA	C10(Carbamidomethyl)	37	0.002727222	3	2525.283	0.6	Ovary	2R:-:4051132-4051064	exon=> In CDS Exon 2 of transcript AGAP001380-PA

JHU_Ag_48542	QTVANNVLVGAYSVLSNQGGLVHPK	AGAP001380-PA	-	53	2.91E-05	1	2565.379	0.14	Midgut	2R:-:4051015-4050941	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_50787	QTVANNVLVGAYSVLSNQGGLVHPK	AGAP001380-PA	-	119	5.90E-12	1	2565.381	0.92	Ovary	2R:-:4051015-4050941	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_61104	NGLVVPNSTTDVELQHLR	AGAP001380-PA	N1(Deamidated)	34	0.004277131	1	1993.034	-0.44	Midgut	2R:-:4051231-4051178	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_66308	LNEAQPSNVTSNLR	AGAP001380-PA	-	111	1.22E-10	1	1542.786	-0.93	Ovary	2R:-:4050763-4050722	exon=> In CDS Exon 2 of transcript AGAP001380-PA
JHU_Ag_78585	AEFENNDDIGVFSK	AGAP001380-PA	-	117	2.53E-11	1	1584.716	-0.86	Midgut	2R:-:4051665-4051624	exon=> In CDS Exon 1 of transcript AGAP001380-PA
JHU_Ag_533	ESFPHAPLVAR	AGAP001381-PA	-	58	1.48E-05	1	1223.654	0.44	Ovary	2R:-:4059105-4059073	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_1786	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	-	58	2.51E-05	1	2110.041	-0.3	Visceras	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_1917	IEITPIMQGSHQAEVR	AGAP001381-PA	M7(Oxidation)	71	1.19E-06	1	1808.933	0.13	Ovary	2R:-:4057263-4057216	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_2128	VHPCEQSSCYPATGNLLIGR	AGAP001381-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	91	1.26E-08	1	2259.066	0.58	Visceras	2R:-:4060171-4060112	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_2305	ANILVVK	AGAP001381-PA	-	67	1.17E-06	2	756.499	1.14	Malpighian tubule	2R:-:4054314-4054294	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_2355	ANDRDADFTGPGFIR	AGAP001381-PA	-	93	7.11E-09	1	1651.786	1.99	Head	2R:-:4057665-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_2505	MQPGTVEQTWWQSENGR	AGAP001381-PA	M1(Oxidation)	86	2.03E-08	1	2049.904	-2.1	Midgut	2R:-:4059949-4060197,4058625-4059265	exon=> In CDS Exon 4 and 3 of transcript AGAP001381-PA
JHU_Ag_2649	HEPYDDNPTAQILIDSIVLIPR	AGAP001381-PA	-	120	9.37E-12	1	2519.319	1.99	Ovary	2R:-:4057329-4057264	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_2700	ANILVVK	AGAP001381-PA	-	48	3.30E-05	2	756.496	-2.81	Midgut	2R:-:4054314-4054294	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_3732	YSGVEPSKNGEVIYR	AGAP001381-PA	N9(Deamidated)	39	0.00183598	1	1698.829	-2.64	Midgut	2R:-:4059042-4058998	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_4272	CLQCLYNTEGDHCEYCR	AGAP001381-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C13(Carbamidomethyl), C16(Carbamidomethyl)	50	1.20E-05	1	2277.888	4.29	Larva	2R:-:4055993-4055943	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_4783	NHENNEAAFLK	AGAP001381-PA	-	52	7.53E-05	1	1286.615	2.02	Malpighian tubule	2R:-:4054754-4054722	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_4928	TGECLHCQDFTQGWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	49	6.81E-05	1	1866.792	1.1	Ovary	2R:-:4056344-4056300	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_5094	YYYAISNMIVR	AGAP001381-PA	M8(Oxidation)	57	3.52E-05	2	1408.694	0.74	Male reproductive organs	2R:-:4058850-4058818	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_5258	GQYCDECIENHWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	34	0.001009191	2	1738.695	0.28	Male reproductive organs	2R:-:4055813-4055775	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_5299	CPDTVASGHSYANECYLHPSTNDVICSCEEGYSGAR	AGAP001381-PA	C1(Carbamidomethyl), C15(Carbamidomethyl), C26(Carbamidomethyl), C28(Carbamidomethyl)	74	6.39E-08	1	4063.645	-3.28	Head	2R:-:4056227-4056120	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_5907	DADFTGPGFIR	AGAP001381-PA	-	48	0.000209375	2	1195.574	0.09	Midgut	2R:-:4057653-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_6000	DNDCDLITGQCNCHPNTYGR	AGAP001381-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	71	1.49E-07	1	2409.960	-0.32	Male reproductive organs	2R:-:4056494-4056435	exon=> In CDS Exon 7 of transcript AGAP001381-PA

JHU_Ag_6373	AQNLLNR	AGAP001381-PA	-	45	0.000274464	2	828.467	-1.46	Ovary	2R:-:4053434-4053414	exon=> In CDS Exon 13 of transcript AGAP001381-PA
JHU_Ag_6520	TGECLHCQDFTQGWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	77	1.06E-07	1	1866.791	0.81	Male reproductive organs	2R:-:4056344-4056300	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_6906	DGFYGDALR	AGAP001381-PA	-	47	0.000178988	2	1013.468	-0.36	Ovary	2R:-:4055942-4055916	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_7300	IQDAVSHLVNVESIIR	AGAP001381-PA	-	96	1.45E-09	1	1792.995	1.71	Pupa	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_7334	CAESGGFCTCK	AGAP001381-PA	C1(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	48	9.66E-06	2	1276.480	3.5	Malpighian tubule	2R:-:4056629-4056597	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_7845	SNEKEIQNLEAELNDLTGK	AGAP001381-PA	-	94	6.54E-09	1	2145.066	-0.64	Midgut	2R:-:4053272-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_7958	VHPCEQSSCYPATGNLLIGR	AGAP001381-PA	C4(Carbamidomethyl), C9(Carbamidomethyl),"C4 (Carbamidomethyl), Q6(Deamidated), C9(Carbamidomethyl)"	91	1.31E-08	2	2259.074	4.07	Ovary	2R:-:4060171-4060112	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_8108	ERAQNLLNR	AGAP001381-PA	-	53	4.44E-05	2	1113.615	2.5	Malpighian tubule	2R:-:4053440-4053414	exon=> In CDS Exon 13 of transcript AGAP001381-PA
JHU_Ag_8139	LGATGAYKK	AGAP001381-PA	-	63	2.69E-06	1	908.523	3.13	Malpighian tubule	2R:-:4055222-4055196	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_8175	RTHDETQAHLEDTK	AGAP001381-PA	-	83	9.59E-08	1	1680.802	5.14	Midgut	2R:-:4054371-4054330	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_9779	YTGQCPCLR	AGAP001381-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	51	5.99E-05	1	1154.508	-0.15	Male reproductive organs	2R:-:4055849-4055823	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_9825	IEITPIMQGSHQAEVR	AGAP001381-PA	M7(Oxidation)	95	4.14E-09	1	1824.926	-0.76	Midgut	2R:-:4057263-4057216	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_10251	ANILVVK	AGAP001381-PA	-	46	5.76E-05	2	756.497	-0.55	Visceras	2R:-:4054314-4054294	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_10481	DGFYGDALR	AGAP001381-PA	-	58	1.35E-05	1	1013.471	2.41	Larva	2R:-:4055942-4055916	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_10579	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	130	1.13E-12	1	2639.194	1.33	Head	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_10912	TGECLHCQDFTQGWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	58	9.26E-06	1	1866.797	3.75	Salivary gland	2R:-:4056344-4056300	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_10980	EIQNLEAELNDLTGK	AGAP001381-PA	-	107	3.21E-10	2	1686.856	0.86	Visceras	2R:-:4053260-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_11349	ESFPHAPLVAR	AGAP001381-PA	-	47	0.000189888	1	1223.658	3.74	Malpighian tubule	2R:-:4059105-4059073	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_11486	SNEKEIQNLEAELNDLTGK	AGAP001381-PA	-	80	1.53E-07	1	2145.071	1.66	Pupa	2R:-:4053272-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_11522	HGDPCDEFCGGAGCK	AGAP001381-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	85	8.09E-10	2	1666.609	2.96	Ovary	2R:-:4054655-4054611	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_13203	SYDFGK	AGAP001381-PA	-	32	0.002149 62	1	716.325	-0.41	Midgut	2R:-:4059162-4059145	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_13417	TISVYINNGAMPCECNPTGSK	AGAP001381-PA	M11(Oxidation), C13(Carbamidomethyl), C15(Carbamidomethyl)	50	8.53E-05	2	2329.031	2.04	Malpighian tubule	2R:-:4057122-4057695,4055703-4056639	exon=> In CDS Exon 7 and 6 of transcript AGAP001381-PA
JHU_Ag_14492	ASEGTVLK	AGAP001381-PA	-	40	0.001699887	2	804.446	-0.14	Midgut	2R:-:4057620-4057597	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_14916	VHPCEQSSCYPATGNLLIGR	AGAP001381-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	99	2.22E-09	2	2259.074	3.96	Head	2R:-:4060171-4060112	exon=> In CDS Exon 3 of transcript AGAP001381-PA

JHU_Ag_15129	CVDGYYGNPLLGSSIGCRPCR	AGAP001381-PA	C1(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl)	34	0.003957551	1	2401.088	1.46	Midgut	2R:-:4056290-4056228	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_16135	DADFTGPGFIR	AGAP001381-PA	-	65	4.50E-06	2	1195.575	0.6	Head	2R:-:4057653-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_16746	EIQNLEAELNDLTGK	AGAP001381-PA	-	71	1.21E-06	2	1686.862	4.41	Malpighian tubule	2R:-:4053260-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_16790	KLQETDSNIK	AGAP001381-PA	-	57	3.28E-05	1	1175.630	2.44	Malpighian tubule	2R:-:4055042-4055013	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_18392	KCNCNNHATSCHFDQAVYEHSGR	AGAP001381-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C11(Carbamidomethyl)	50	2.96E-05	1	2792.157	3.57	Malpighian tubule	2R:-:4058625-4059304,4057857-4058490	exon=> In CDS Exon 5 and 4 of transcript AGAP001381-PA
JHU_Ag_19075	LQETDSNIKLANIEIVNLGR	AGAP001381-PA	-	50	3.47E-05	1	2240.233	3.97	Malpighian tubule	2R:-:4055039-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_20041	GQYCDECIENHWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	31	0.001964865	2	1738.699	2.25	Ovary	2R:-:4055813-4055775	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_20106	ANDRDADFTGPGFIR	AGAP001381-PA	-	44	0.000666067	1	1651.785	1.33	Male reproductive organs	2R:-:4057665-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_20415	CVDGYYGNPLLGSSIGCRPCR	AGAP001381-PA	C1(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl)	43	0.000618011	1	2401.094	4.05	Ovary	2R:-:4056290-4056228	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_20880	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	94	5.26E-09	1	2639.210	7.36	Malpighian tubule	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_21137	DADFTGPGFIR	AGAP001381-PA	-	51	0.000118288	2	1195.576	1.52	Salivary gland	2R:-:4057653-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_21338	DADFTGPGFIR	AGAP001381-PA	-	44	0.000533492	2	1195.578	3.36	Malpighian tubule	2R:-:4057653-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_21999	ANILVVK	AGAP001381-PA	-	72	3.29E-07	2	756.498	0.42	Male reproductive organs	2R:-:4054314-4054294	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_23140	ITVDTTTQLSALQSMDDIYK	AGAP001381-PA	M15(Oxidation)	62	1.11E-05	2	2259.106	0.15	Midgut	2R:-:4053404-4053509,4053156-4053273	exon=> In CDS Exon 14 and 13 of transcript AGAP001381-PA
JHU_Ag_23661	DGFYGDALR	AGAP001381-PA	-	36	0.002339258	2	1013.469	0.73	Pupa	2R:-:4055942-4055916	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_24187	ITFYLQTIQTNAER	AGAP001381-PA	-	87	2.20E-08	1	1697.891	3.32	Head	2R:-:4053215-4053174	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_24232	TMNYDVMVR	AGAP001381-PA	M2(Oxidation), M7(Oxidation)	40	0.000475729	1	1160.507	-0.44	Male reproductive organs	2R:-:4057572-4057546	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_24639	EIQNLEAELNDLTGK	AGAP001381-PA	-	94	7.13E-09	2	1686.857	1.66	Midgut	2R:-:4053260-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_24645	ESFPHAPLVAR	AGAP001381-PA	-	35	0.003063558	2	1223.655	1.84	Head	2R:-:4059105-4059073	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_24983	ITFYLQTIQTNAER	AGAP001381-PA	-	90	1.05E-08	2	1697.889	1.89	Ovary	2R:-:4053215-4053174	exon=> In CDS Exon 14 of transcript AGAP001381-PA

JHU_Ag_25231	CPDTVASGHSYANECYLHPSTNDVICSCEEGYSGAR	AGAP001381-PA	C1(Carbamidomethyl), C15(Carbamidomethyl), N22(Deamidated), C26(Carbamidomethyl), C28(Carbamidomethyl),"C 1(Carbamidomethyl), N13(Deamidated), C15(Carbamidomethyl), C26(Carbamidomethyl), C28(Carbamidomethyl)"	73	8.53E-08	1	4064.652	2.16	Ovary	2R:-:4056227-4056120	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_25501	IQDAVSHLVNVESIIR	AGAP001381-PA	-	126	1.25E-12	1	1792.997	2.84	Head	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_26221	LGATGAYKK	AGAP001381-PA	-	33	0.003616646	2	908.520	-0.36	Ovary	2R:-:4055222-4055196	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_27560	IGQIIYK	AGAP001381-PA	-	38	0.000684853	2	834.509	0.53	Head	2R:-:4059970-4059950	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_27817	LANIEIVNLGR	AGAP001381-PA	-	79	5.39E-08	1	1211.712	1.23	Pupa	2R:-:4055012-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_27893	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	65	3.63E-06	1	2639.194	1.19	Salivary gland	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_28006	MTVIRPEVYDPEGPCANSHPSYER	AGAP001381-PA	M1(Oxidation), C15(Carbamidomethyl)	61	9.02E-06	1	2820.280	2.83	Malpighian tubule	2R:-:4057506-4057435	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_28205	NTVDMVHGR	AGAP001381-PA	M5(Oxidation)	38	0.000999659	2	1044.491	1.78	Malpighian tubule	2R:-:4058760-4058734	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_28521	MTVIRPEVYDPEGPCANSHPSYER	AGAP001381-PA	C15(Carbamidomethyl)," M1(Oxidation), C15(Carbamidomethyl)"	71	7.64E-07	1	2820.267	-1.84	Midgut	2R:-:4057506-4057435	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_28739	GQYCDECIENHWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	45	7.97E-05	2	1738.699	2.25	Malpighian tubule	2R:-:4055813-4055775	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_29070	ITFYLQTIQTNAER	AGAP001381-PA	-	77	2.42E-07	2	1697.886	0.09	Male reproductive organs	2R:-:4053215-4053174	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_29880	EIEAIGGEIDR	AGAP001381-PA	-	36	0.003502142	2	1201.604	-1.5	Pupa	2R:-:4055126-4055094	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_30053	IDLEEIDKETEEAQK	AGAP001381-PA	-	101	1.31E-09	1	1789.874	2.33	Ovary	2R:-:4053867-4053994,4053591-4053750	exon=> In CDS Exon 12 and 11 of transcript AGAP001381-PA
JHU_Ag_31538	EKEELADDILR	AGAP001381-PA	-	91	1.22E-08	1	1330.684	-0.53	Midgut	2R:-:4054517-4054485	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_31579	DGFYGDALR	AGAP001381-PA	-	51	6.20E-05	2	1013.469	0.07	Midgut	2R:-:4055942-4055916	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_31674	NHLQESLHNLEESER	AGAP001381-PA	-	104	6.07E-10	1	1834.874	3.23	Malpighian tubule	2R:-:4055087-4055043	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_31798	ACDCNSIGSKDNDCDLITGQCNCHPNTYGR	AGAP001381-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C14(Carbamidomethyl), C21(Carbamidomethyl), C23(Carbamidomethyl)	30	0.002019633	1	3502.403	2.79	Ovary	2R:-:4056524-4056435	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_32104	FTVDDIPK	AGAP001381-PA	-	42	0.001032087	1	934.488	-0.31	Male reproductive organs	2R:-:4057596-4057573	exon=> In CDS Exon 6 of transcript AGAP001381-PA

JHU_Ag_32271	EKEELADDILR	AGAP001381-PA	-	90	1.43E-08	1	1330.688	2.31	Ovary	2R:-:4054517-4054485	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_32324	NHENNEAAFLK	AGAP001381-PA	-	58	1.75E-05	2	1286.612	0.03	Male reproductive organs	2R:-:4054754-4054722	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_34097	KLQETDSNIK	AGAP001381-PA	-	61	1.35E-05	1	1175.626	-0.36	Midgut	2R:-:4055042-4055013	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_34233	QSIKQANADIASAK	AGAP001381-PA	-	40	0.001181054	1	1444.781	4.02	Malpighian tubule	2R:-:4053909-4053868	exon=> In CDS Exon 11 of transcript AGAP001381-PA
JHU_Ag_35784	THDETQAHLEDTKDLIDR	AGAP001381-PA	-	47	0.000341842	1	2137.019	1.74	Malpighian tubule	2R:-:4054368-4054315	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_36427	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	65	3.31E-06	1	2639.195	1.81	Pupa	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_36447	TGECLHCQDFTQGWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	36	0.001390108	1	1866.791	0.71	Pupa	2R:-:4056344-4056300	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_36536	CVDGYYGNPLLGSSIGCRPCR	AGAP001381-PA	C1(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl)	56	3.08E-05	1	2401.095	4.35	Malpighian tubule	2R:-:4056290-4056228	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_38483	YYYAISNMIVR	AGAP001381-PA	M8(Oxidation)	58	2.69E-05	2	1408.694	0.83	Ovary	2R:-:4058850-4058818	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_39169	TGECLHCQDFTQGWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	116	1.45E-11	1	1866.792	1.24	Midgut	2R:-:4056344-4056300	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_39258	CVDGYYGNPLLGSSIGCRPCR	AGAP001381-PA	C1(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl)	34	0.004933849	1	2401.098	5.42	Head	2R:-:4056290-4056228	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_39901	GSCSCYGHASR	AGAP001381-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	71	9.76E-08	1	1241.485	4.95	Malpighian tubule	2R:-:4058817-4058785	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_40335	GSLDDGICDSIADEENGIVAGACHCKR	AGAP001381-PA	C8(Carbamidomethyl), C23(Carbamidomethyl), C25(Carbamidomethyl)	97	1.22E-09	1	2919.270	0.95	Ovary	2R:-:4058348-4058268	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_40411	CNCNNHATSCHFDQAVYEHSGR	AGAP001381-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), C10(Carbamidomethyl)	25	0.006268617	3	2664.056	1.57	Head	2R:-:4058555-4058490	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_40782	NVKGQYCDECIENHWK	AGAP001381-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	69	1.02E-06	1	2079.908	3.27	Malpighian tubule	2R:-:4055822-4055775	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_40842	IGQIIYK	AGAP001381-PA	-	38	0.000574906	1	834.509	0.84	Ovary	2R:-:4059970-4059950	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_40919	LEASSTCGTVRPER	AGAP001381-PA	C7(Carbamidomethyl)	36	0.004837692	1	1562.761	1.25	Pupa	2R:-:4060102-4060061	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_41019	DSANNAHER	AGAP001381-PA	-	47	0.000126227	2	1013.439	-0.29	Malpighian tubule	2R:-:4053626-4053600	exon=> In CDS Exon 12 of transcript AGAP001381-PA
JHU_Ag_41410	GQYCDECIENHWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	75	8.30E-08	2	1738.695	0	Midgut	2R:-:4055813-4055775	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_42126	DNDCDLITGQCNCHPNTYGR	AGAP001381-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	69	2.94E-07	1	2409.970	4.09	Malpighian tubule	2R:-:4056494-4056435	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_42625	YYYAISNMIVR	AGAP001381-PA	M8(Oxidation)	70	1.61E-06	2	1392.698	-0.19	Midgut	2R:-:4058850-4058818	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_42627	DNDCDLITGQCNCHPNTYGR	AGAP001381-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	102	1.28E-10	1	2409.968	2.95	Head	2R:-:4056494-4056435	exon=> In CDS Exon 7 of transcript AGAP001381-PA

JHU_Ag_42721	ITFYLQTIQTNAER	AGAP001381-PA	-	110	1.35E-10	2	1697.885	-0.49	Midgut	2R:-:4053215-4053174	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_42950	IASGEGCEACDCDPVGALSEQCNPYDGQCSCKPGFGGR	AGAP001381-PA	C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl), C22(Carbamidomethyl), C29(Carbamidomethyl), C31(Carbamidomethyl)	23	0.002095137	1	4165.656	1.3	Ovary	2R:-:4055774-4056667,4055528-4055583	exon=> In CDS Exon 8 and 7 of transcript AGAP001381-PA
JHU_Ag_43270	YFAHSCR	AGAP001381-PA	C6(Carbamidomethyl)	35	0.002124378	1	940.409	-0.39	Midgut	2R:-:4059126-4059106	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_43699	ANDRDADFTGPGFIR	AGAP001381-PA	-	60	1.59E-05	1	1651.781	-0.89	Midgut	2R:-:4057665-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_43904	GSLDDGICDSIADEENGIVAGACHCK	AGAP001381-PA	C8(Carbamidomethyl), C23(Carbamidomethyl), C25(Carbamidomethyl)	105	1.68E-10	1	2763.179	4.93	Midgut	2R:-:4058348-4058271	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_44118	ANILVVK	AGAP001381-PA	-	53	2.86E-05	2	756.499	1.54	Salivary gland	2R:-:4054314-4054294	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_44774	ITFYLQTIQTNAER	AGAP001381-PA	-	98	1.53E-09	2	1697.889	2.17	Salivary gland	2R:-:4053215-4053174	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_44940	IEITPIMQGSHQAEVR	AGAP001381-PA	M7(Oxidation)	83	6.00E-08	1	1824.935	4.32	Malpighian tubule	2R:-:4057263-4057216	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_44970	ENRLEASSTCGTVRPER	AGAP001381-PA	C10(Carbamidomethyl)	40	0.001475208	1	1961.953	3.6	Malpighian tubule	2R:-:4060111-4060061	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_45002	NHLQESLHNLEESER	AGAP001381-PA	-	63	7.53E-06	1	1834.869	0.44	Male reproductive organs	2R:-:4055087-4055043	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_45066	LVTGRDCNQCMPETYGLSDSLEGCTPCSCHPGGSLDNSCDVITGQCR	AGAP001381-PA	C7(Carbamidomethyl), C10(Carbamidomethyl), M11(Oxidation), C24(Carbamidomethyl), C27(Carbamidomethyl), C29(Carbamidomethyl), C39(Carbamidomethyl), C46(Carbamidomethyl)	38	0.000202457	1	5337.193	1.78	Malpighian tubule	2R:-:4058111-4057971	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_46051	NHLQESLHNLEESERK	AGAP001381-PA	-	42	0.000918697	1	1962.960	-1.47	Head	2R:-:4055087-4055040	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_46840	EKEELADDILR	AGAP001381-PA	-	57	3.46E-05	2	1330.688	2.04	Head	2R:-:4054517-4054485	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_48712	NHENNEAAFLK	AGAP001381-PA	-	78	2.08E-07	1	1286.609	-2.92	Head	2R:-:4054754-4054722	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_49249	YSGVEPSK	AGAP001381-PA	-	30	0.011236828	1	866.425	-0.48	Midgut	2R:-:4059042-4059019	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_49891	YTGQCPCLR	AGAP001381-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	38	0.001375368	2	1154.511	2.81	Larva	2R:-:4055849-4055823	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_50129	YQEELNDLNGNMPDLNQR	AGAP001381-PA	M12(Oxidation)	62	6.58E-06	2	2178.976	1.61	Ovary	2R:-:4054721-4054668	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_50341	AQNLLNR	AGAP001381-PA	-	45	0.000212398	2	828.471	2.3	Malpighian tubule	2R:-:4053434-4053414	exon=> In CDS Exon 13 of transcript AGAP001381-PA

JHU_Ag_50588	EIQNLEAELNDLTGK	AGAP001381-PA	-	94	6.10E-09	2	1686.863	5.06	Ovary	2R:-:4053260-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_52157	NHENNEAAFLKYQEELNDLNGNMPDLNQR	AGAP001381-PA	M23(Oxidation)	41	0.000875051	1	3446.579	3.42	Malpighian tubule	2R:-:4054754-4054668	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_52294	NTVDMVHGR	AGAP001381-PA	M5(Oxidation)	57	1.68E-05	1	1028.493	-1	Midgut	2R:-:4058760-4058734	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_53256	THDETQAHLEDTKDLIDR	AGAP001381-PA	-	79	1.95E-07	1	2137.016	0.15	Male reproductive organs	2R:-:4054368-4054315	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_53408	HEPYDDNPTAQILIDSIVLIPR	AGAP001381-PA	-	89	1.24E-08	1	2519.315	0.44	Midgut	2R:-:4057329-4057264	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_54271	GDWENVR	AGAP001381-PA	-	43	0.000473169	2	875.401	-0.03	Midgut	2R:-:4057527-4057507	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_55113	FTVDDIPK	AGAP001381-PA	-	41	0.00152417	1	934.490	1.84	Malpighian tubule	2R:-:4057596-4057573	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_56163	NHLQESLHNLEESERK	AGAP001381-PA	-	83	7.77E-08	1	1962.969	3.26	Ovary	2R:-:4055087-4055040	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_56229	YSGVEPSKNGEVIYR	AGAP001381-PA	N9(Deamidated)	40	0.00145837	1	1698.834	0.37	Male reproductive organs	2R:-:4059042-4058998	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_57411	GSLDDGICDSIADEENGIVAGACHCK	AGAP001381-PA	C8(Carbamidomethyl), N16(Deamidated), C23(Carbamidomethyl), C25(Carbamidomethyl),"C8(Carbamidomethyl), C23(Carbamidomethyl), C25(Carbamidomethyl)"	43	0.000215654	1	2763.161	-1.56	Male reproductive organs	2R:-:4058348-4058271	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_57575	IQDAVSHLVNVESIIR	AGAP001381-PA	-	131	4.06E-13	1	1792.997	2.98	Ovary	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_57590	ESFPHAPLVAR	AGAP001381-PA	-	59	1.33E-05	1	1223.654	0.84	Male reproductive organs	2R:-:4059105-4059073	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_58000	ASEGTVLKFTVDDIPK	AGAP001381-PA	-	59	1.11E-05	1	1719.926	5.39	Malpighian tubule	2R:-:4057620-4057573	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_58357	AQNLLNR	AGAP001381-PA	-	35	0.00284109	2	828.468	-0.94	Pupa	2R:-:4053434-4053414	exon=> In CDS Exon 13 of transcript AGAP001381-PA
JHU_Ag_58755	ERAQNLLNR	AGAP001381-PA	-	34	0.003387061	2	1113.612	-0.57	Ovary	2R:-:4053440-4053414	exon=> In CDS Exon 13 of transcript AGAP001381-PA
JHU_Ag_58970	ESFPHAPLVAR	AGAP001381-PA	-	64	3.55E-06	1	1223.657	3.34	Larva	2R:-:4059105-4059073	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_59575	YCIVSHLEEK	AGAP001381-PA	C2(Carbamidomethyl)	68	2.49E-06	1	1277.615	-3.67	Head	2R:-:4060060-4060031	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_59767	FTVDDIPK	AGAP001381-PA	-	39	0.002064032	2	934.488	-0.25	Ovary	2R:-:4057596-4057573	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_60151	RAEHLINK	AGAP001381-PA	-	32	0.003591946	1	980.566	2.15	Ovary	2R:-:4054799-4054776	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_60153	ALDDADDAQK	AGAP001381-PA	-	60	7.03E-06	2	1061.477	2.33	Malpighian tubule	2R:-:4053948-4053919	exon=> In CDS Exon 11 of transcript AGAP001381-PA
JHU_Ag_60258	QANADIASAK	AGAP001381-PA	-	63	9.61E-06	2	988.508	1.97	Malpighian tubule	2R:-:4053897-4053868	exon=> In CDS Exon 11 of transcript AGAP001381-PA
JHU_Ag_61803	CLQCLYNTEGDHCEYCR	AGAP001381-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C13(Carbamidomethyl), C16(Carbamidomethyl)	61	6.50E-07	2	2277.879	0.6	Midgut	2R:-:4055993-4055943	exon=> In CDS Exon 7 of transcript AGAP001381-PA

JHU_Ag_62297	ANDRDADFTGPGFIR	AGAP001381-PA	-	61	1.38E-05	1	1651.781	-0.71	Ovary	2R:-:4057665-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_62738	ALDDADDAQKK	AGAP001381-PA	-	69	1.81E-06	1	1189.574	3.52	Malpighian tubule	2R:-:4053948-4053916	exon=> In CDS Exon 11 of transcript AGAP001381-PA
JHU_Ag_62894	NHLQESLHNLEESER	AGAP001381-PA	-	116	3.57E-11	1	1834.877	4.83	Midgut	2R:-:4055087-4055043	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_63479	YYYAISNMIVR	AGAP001381-PA	M8(Oxidation)	75	5.91E-07	1	1408.698	3.43	Salivary gland	2R:-:4058850-4058818	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_63561	IQDAVSHLVNVESIIR	AGAP001381-PA	-	137	9.74E-14	1	1792.993	0.73	Midgut	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_63736	IASGEGCEACDCDPVGALSEQCNPYDGQCSCKPGFGGR	AGAP001381-PA	C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl), C22(Carbamidomethyl), C29(Carbamidomethyl), C31(Carbamidomethyl)	91	7.42E-10	1	4165.690	9.3	Malpighian tubule	2R:-:4055774-4056667,4055528-4055583	exon=> In CDS Exon 8 and 7 of transcript AGAP001381-PA
JHU_Ag_63933	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	49	0.000121733	1	2639.194	1.4	Visceras	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_64173	LGATGAYKK	AGAP001381-PA	-	65	2.34E-06	2	908.519	-1.3	Midgut	2R:-:4055222-4055196	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_66115	EKEELADDILR	AGAP001381-PA	-	90	1.71E-08	1	1330.686	1.12	Malpighian tubule	2R:-:4054517-4054485	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_67199	YQEELNDLNGNMPDLNQR	AGAP001381-PA	N9(Deamidated), M12(Oxidation),M12(Oxidation)	80	8.54E-08	1	2178.968	-1.86	Midgut	2R:-:4054721-4054668	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_67625	ALDDADDAQK	AGAP001381-PA	-	79	9.65E-08	1	1061.474	-0.43	Head	2R:-:4053948-4053919	exon=> In CDS Exon 11 of transcript AGAP001381-PA
JHU_Ag_67738	ANILVVK	AGAP001381-PA	-	59	7.84E-06	2	756.498	0.17	Ovary	2R:-:4054314-4054294	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_68573	VHPCEQSSCYPATGNLLIGR	AGAP001381-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	78	2.44E-07	1	2259.065	0.34	Malpighian tubule	2R:-:4060171-4060112	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_69716	YCIVSHLEEK	AGAP001381-PA	C2(Carbamidomethyl)	55	4.99E-05	1	1277.618	-1.28	Midgut	2R:-:4060060-4060031	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_70349	LEASSTCGTVRPER	AGAP001381-PA	C7(Carbamidomethyl)	36	0.003911105	1	1562.759	0.11	Malpighian tubule	2R:-:4060102-4060061	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_70505	IQDAVSHLVNVESIIR	AGAP001381-PA	-	63	2.46E-06	1	1792.995	2.12	Salivary gland	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_70644	LEASSTCGTVRPER	AGAP001381-PA	C7(Carbamidomethyl)	35	0.006080976	1	1562.763	2.34	Ovary	2R:-:4060102-4060061	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_72086	VSGGVCDNCQHNTQGYHCEECAPFFYR	AGAP001381-PA	C6(Carbamidomethyl), C9(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)	133	5.94E-14	1	3292.308	-0.14	Ovary	2R:-:4058489-4058409	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_72162	IQDAVSHLVNVESIIR	AGAP001381-PA	-	108	8.06E-11	1	1792.998	3.39	Visceras	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_72539	KCAESGGFCTCK	AGAP001381-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C11(Carbamidomethyl)	40	0.000149406	2	1404.574	2.22	Malpighian tubule	2R:-:4056632-4056597	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_72675	TMNYDVMVR	AGAP001381-PA	M2(Oxidation), M7(Oxidation)	68	6.14E-07	1	1160.507	-0.23	Midgut	2R:-:4057572-4057546	exon=> In CDS Exon 6 of transcript AGAP001381-PA

JHU_Ag_72858	DITTTLSEYETSAIALHDICLESGK	AGAP001381-PA	C20(Carbamidomethyl)	58	2.59E-05	1	2767.331	-1.35	Head	2R:-:4057434-4057360	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_73305	KLQETDSNIK	AGAP001381-PA	-	52	8.67E-05	1	1175.627	0.47	Ovary	2R:-:4055042-4055013	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_73876	THDETQAHLEDTK	AGAP001381-PA	-	94	4.95E-09	1	1524.695	1.69	Ovary	2R:-:4054368-4054330	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_74846	LANIEIVNLGR	AGAP001381-PA	-	76	1.23E-07	2	1211.710	-0.68	Male reproductive organs	2R:-:4055012-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_75164	IDLEEIDKETEEAQK	AGAP001381-PA	-	103	7.53E-10	1	1789.872	0.69	Midgut	2R:-:4053867-4053994,4053591-4053750	exon=> In CDS Exon 12 and 11 of transcript AGAP001381-PA
JHU_Ag_75174	LEASSTCGTVRPER	AGAP001381-PA	C7(Carbamidomethyl)	44	0.000730675	1	1562.758	-0.55	Midgut	2R:-:4060102-4060061	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_75344	YQEELNDLNGNMPDLNQR	AGAP001381-PA	N9(Deamidated), M12(Oxidation),M12(Oxidation)	90	8.42E-09	2	2178.972	-0.07	Male reproductive organs	2R:-:4054721-4054668	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_76231	NHLQESLHNLEESER	AGAP001381-PA	Q4(Deamidated)	105	5.01E-10	1	1834.869	0.44	Head	2R:-:4055087-4055043	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_76281	LANIEIVNLGR	AGAP001381-PA	-	75	1.28E-07	2	1211.708	-2.39	Salivary gland	2R:-:4055012-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_76516	LANIEIVNLGR	AGAP001381-PA	-	81	2.90E-08	2	1211.715	3.15	Ovary	2R:-:4055012-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_77684	NGEVIYR	AGAP001381-PA	N1(Deamidated)	42	0.000846596	2	851.426	0.26	Midgut	2R:-:4059018-4058998	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_77924	SGIGGYK	AGAP001381-PA	-	38	0.000612441	1	681.356	-0.74	Midgut	2R:-:4055387-4055367	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_77968	VHPCEQSSCYPATGNLLIGR	AGAP001381-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	84	6.04E-08	1	2259.062	-1.2	Midgut	2R:-:4060171-4060112	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_78127	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	99	1.53E-09	1	2639.204	5.21	Larva	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_78317	DADFTGPGFIR	AGAP001381-PA	-	44	0.000641344	2	1195.579	4.17	Larva	2R:-:4057653-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_78555	GQYCDECIENHWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	76	6.86E-08	1	1738.703	4.49	Larva	2R:-:4055813-4055775	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_79252	CLQCLYNTEGDHCEYCR	AGAP001381-PA	C1(Carbamidomethyl), Q3(Deamidated), C4(Carbamidomethyl), C13(Carbamidomethyl), C16(Carbamidomethyl)	39	5.83E-05	1	2278.860	-1.02	Ovary	2R:-:4055993-4055943	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_79263	GSLDDGICDSIADEENGIVAGACHCK	AGAP001381-PA	C8(Carbamidomethyl), C23(Carbamidomethyl), C25(Carbamidomethyl)	53	2.50E-05	1	2763.178	4.53	Malpighian tubule	2R:-:4058348-4058271	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_79931	FTVDDIPK	AGAP001381-PA	-	39	0.001878409	2	934.488	-0.18	Midgut	2R:-:4057596-4057573	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_80533	DNDCDLITGQCNCHPNTYGR	AGAP001381-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	66	4.36E-07	1	2409.964	1.28	Ovary	2R:-:4056494-4056435	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_80794	DITTTLSEYETSAIALHDICLESGK	AGAP001381-PA	C20(Carbamidomethyl)	69	1.93E-06	1	2767.334	0.04	Midgut	2R:-:4057434-4057360	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_81088	GDWENVR	AGAP001381-PA	-	34	0.003176992	1	875.401	0.66	Malpighian tubule	2R:-:4057527-4057507	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_81253	YYYAISNMIVR	AGAP001381-PA	M8(Oxidation)	61	1.17E-05	1	1408.700	5.16	Larva	2R:-:4058850-4058818	exon=> In CDS Exon 4 of transcript AGAP001381-PA

JHU_Ag_81384	IEITPIMQGSHQAEVR	AGAP001381-PA	M7(Oxidation)	112	8.21E-11	1	1824.936	4.52	Larva	2R:-:4057263-4057216	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_81782	NHLQESLHNLEESER	AGAP001381-PA	-	94	5.87E-09	1	1834.873	2.76	Larva	2R:-:4055087-4055043	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_81868	LEASSTCGTVRPER	AGAP001381-PA	C7(Carbamidomethyl)	51	0.000143871	1	1562.763	2.65	Head	2R:-:4060102-4060061	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_82044	DNDCDLITGQCNCHPNTYGR	AGAP001381-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl),"C 4(Carbamidomethyl), C11(Carbamidomethyl), N12(Deamidated), C13(Carbamidomethyl)"," C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl), N16(Deamidated)"	116	4.43E-12	1	2409.958	-1.16	Midgut	2R:-:4056494-4056435	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_82378	IGQIIYK	AGAP001381-PA	-	39	0.000551566	1	834.509	0.55	Midgut	2R:-:4059970-4059950	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_82703	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	96	2.57E-09	1	2639.195	1.74	Ovary	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_82949	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	Q16(Deamidated)	126	3.86E-12	1	2110.049	3.75	Ovary	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_83007	YCIVSHLEEK	AGAP001381-PA	C2(Carbamidomethyl)	45	0.000498937	1	1277.620	0.34	Male reproductive organs	2R:-:4060060-4060031	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_83184	HGDPCDEFCGGAGCK	AGAP001381-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	94	9.61E-11	1	1666.600	-2.54	Head	2R:-:4054655-4054611	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_83505	EIEAIGGEIDR	AGAP001381-PA	-	41	0.001208183	1	1201.608	1.64	Larva	2R:-:4055126-4055094	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_83856	NHLQESLHNLEESER	AGAP001381-PA	N1(Deamidated)	108	2.40E-10	1	1834.879	6.03	Ovary	2R:-:4055087-4055043	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_84235	ALDDADDAQKK	AGAP001381-PA	-	65	4.55E-06	1	1189.578	7.11	Midgut	2R:-:4053948-4053916	exon=> In CDS Exon 11 of transcript AGAP001381-PA
JHU_Ag_85912	ANILVVK	AGAP001381-PA	-	66	5.28E-07	2	756.497	-0.96	Pupa	2R:-:4054314-4054294	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_86435	GSCSCYGHASR	AGAP001381-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	51	9.65E-06	1	1241.479	-0.07	Head	2R:-:4058817-4058785	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_86950	QHYFIPTLHR	AGAP001381-PA	-	39	0.001129336	1	1311.695	-0.53	Midgut	2R:-:4057928-4057899	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_87030	GSLDDGICDSIADEENGIVAGACHCKR	AGAP001381-PA	C8(Carbamidomethyl), C23(Carbamidomethyl), C25(Carbamidomethyl)	103	3.70E-10	1	2919.277	3.52	Malpighian tubule	2R:-:4058348-4058268	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_87040	EIQNLEAELNDLTGK	AGAP001381-PA	-	77	3.14E-07	2	1686.857	1.3	Male reproductive organs	2R:-:4053260-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_87941	THDETQAHLEDTKDLIDR	AGAP001381-PA	-	104	6.07E-10	1	2137.014	-1	Midgut	2R:-:4054368-4054315	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_88344	LANIEIVNLGR	AGAP001381-PA	-	77	9.02E-08	2	1211.709	-1.08	Midgut	2R:-:4055012-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_89304	NHENNEAAFLK	AGAP001381-PA	-	65	4.18E-06	1	1286.616	2.78	Ovary	2R:-:4054754-4054722	exon=> In CDS Exon 9 of transcript AGAP001381-PA

JHU_Ag_89445	EIEAIGGEIDR	AGAP001381-PA	-	66	3.37E-06	1	1201.609	2.15	Malpighian tubule	2R:-:4055126-4055094	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_89552	NETDRTIEEAK	AGAP001381-PA	N1(Deamidated)	48	0.000207332	2	1306.614	1.44	Midgut	2R:-:4055267-4055235	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_90356	NHLQESLHNLEESER	AGAP001381-PA	-	108	2.39E-10	1	1834.868	0.17	Visceras	2R:-:4055087-4055043	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_90383	THDETQAHLEDTK	AGAP001381-PA	-	48	0.000182122	2	1524.692	-0.31	Pupa	2R:-:4054368-4054330	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_90415	IQDAVSHLVNVESIIR	AGAP001381-PA	-	77	9.98E-08	1	1792.994	1.07	Male reproductive organs	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_90437	VHPCEQSSCYPATGNLLIGR	AGAP001381-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	69	1.88E-06	1	2259.066	0.42	Male reproductive organs	2R:-:4060171-4060112	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_90613	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	-	61	1.26E-05	1	2110.046	2.3	Pupa	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_90654	IGQIIYK	AGAP001381-PA	-	43	0.000200261	2	834.508	-0.27	Male reproductive organs	2R:-:4059970-4059950	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_91458	VSGGVCDNCQHNTQGYHCEECAPFFYR	AGAP001381-PA	C6(Carbamidomethyl), C9(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)	54	4.02E-06	1	3292.286	-6.92	Head	2R:-:4058489-4058409	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_91612	GLNCEECEDFFNDLPWKPALGK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	44	0.000369119	1	2639.190	-0.34	Midgut	2R:-:4058709-4058644	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_91873	EKEELADDILR	AGAP001381-PA	-	77	3.04E-07	1	1330.685	0.02	Male reproductive organs	2R:-:4054517-4054485	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_93173	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	-	66	3.66E-06	1	2110.048	3.25	Larva	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_93640	GSLDDGICDSIADEENGIVAGACHCK	AGAP001381-PA	C8(Carbamidomethyl), C23(Carbamidomethyl), C25(Carbamidomethyl)	75	1.81E-07	1	2763.173	2.68	Head	2R:-:4058348-4058271	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_93902	NGEVIYR	AGAP001381-PA	N1(Deamidated)	52	8.68E-05	2	851.427	1.7	Malpighian tubule	2R:-:4059018-4058998	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_94538	MTVIRPEVYDPEGPCANSHPSYER	AGAP001381-PA	M1(Oxidation), C15(Carbamidomethyl)	51	7.59E-05	1	2820.257	-5.19	Head	2R:-:4057506-4057435	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_94925	ESFPHAPLVAR	AGAP001381-PA	-	59	1.39E-05	1	1223.653	-0.55	Midgut	2R:-:4059105-4059073	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_95034	LANIEIVNLGR	AGAP001381-PA	-	62	3.11E-06	2	1211.710	-0.68	Visceras	2R:-:4055012-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_95273	DSANNAHER	AGAP001381-PA	-	53	2.71E-05	1	1013.440	0.85	Head	2R:-:4053626-4053600	exon=> In CDS Exon 12 of transcript AGAP001381-PA
JHU_Ag_95950	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	-	123	7.08E-12	1	2110.046	2.13	Midgut	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_96061	EKEELADDILR	AGAP001381-PA	-	53	7.52E-05	2	1330.686	1.12	Pupa	2R:-:4054517-4054485	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_96513	YTGQCPCLR	AGAP001381-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	52	4.54E-05	1	1154.507	-0.58	Midgut	2R:-:4055849-4055823	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_96541	DADFTGPGFIR	AGAP001381-PA	-	35	0.003883434	2	1195.574	-0.11	Visceras	2R:-:4057653-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_101116	MTVIRPEVYDPEGPCANSHPSYER	AGAP001381-PA	C15(Carbamidomethyl)," M1(Oxidation), C15(Carbamidomethyl)"	64	4.48E-06	1	2804.281	1.47	Ovary	2R:-:4057506-4057435	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_101910	TGECLHCQDFTQGWK	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	91	4.89E-09	1	1866.797	4.04	Larva	2R:-:4056344-4056300	exon=> In CDS Exon 7 of transcript AGAP001381-PA

JHU_Ag_102491	EKEELADDILR	AGAP001381-PA	-	64	6.35E-06	1	1330.687	1.85	Salivary gland	2R:-:4054517-4054485	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_102720	TISVYINNGAMPCECNPTGSK	AGAP001381-PA	N8(Deamidated), M11(Oxidation), C13(Carbamidomethyl), C15(Carbamidomethyl)	67	1.36E-06	1	2330.019	4.07	Larva	2R:-:4057122-4057695,4055703-4056639	exon=> In CDS Exon 7 and 6 of transcript AGAP001381-PA
JHU_Ag_103201	CPDTVASGHSYANECYLHPSTNDVICSCEEGYSGAR	AGAP001381-PA	C1(Carbamidomethyl), C15(Carbamidomethyl), C26(Carbamidomethyl), C28(Carbamidomethyl)	80	1.69E-08	1	4063.648	-2.67	Malpighian tubule	2R:-:4056227-4056120	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_103287	RTHDETQAHLEDTK	AGAP001381-PA	-	59	1.95E-05	1	1680.797	2.01	Ovary	2R:-:4054371-4054330	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_104225	DITTTLSEYETSAIALHDICLESGK	AGAP001381-PA	C20(Carbamidomethyl)	38	0.002603374	1	2767.346	4.14	Visceras	2R:-:4057434-4057360	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_104721	TGECLHCQDFTQGWKCDR	AGAP001381-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C16(Carbamidomethyl)	95	1.37E-09	1	2297.957	3.64	Malpighian tubule	2R:-:4056344-4056291	exon=> In CDS Exon 7 of transcript AGAP001381-PA
JHU_Ag_104895	GSLDDGICDSIADEENGIVAGACHCK	AGAP001381-PA	C8(Carbamidomethyl), C23(Carbamidomethyl), C25(Carbamidomethyl)	109	6.51E-11	1	2763.172	2.21	Ovary	2R:-:4058348-4058271	exon=> In CDS Exon 5 of transcript AGAP001381-PA
JHU_Ag_105819	NHENNEAAFLK	AGAP001381-PA	N4(Deamidated)	69	1.25E-06	2	1286.614	0.88	Midgut	2R:-:4054754-4054722	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_106224	YCIVSHLEEK	AGAP001381-PA	C2(Carbamidomethyl)	54	6.68E-05	1	1277.628	6.55	Ovary	2R:-:4060060-4060031	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_107540	ECDQCQPGFWNFPNCQICECNGHTPTCNSK	AGAP001381-PA	C5(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C20(Carbamidomethyl), N21(Deamidated), C27(Carbamidomethyl),"C2(Carbamidomethyl), C5(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C20(Carbamidomethyl), C27(Carbamidomethyl), N28(Deamidated)","C2(Carbamidomethyl), C5(Carbamidomethyl), N14(Deamidated), C15(Carbamidomethyl), C18(Carbamidomethyl), C20(Carbamidomethyl), C27(Carbamidomethyl)","C2(Carbamidomethyl), C5(Carbamidomethyl), C15(Carbamidomethyl), Q16(Deamidated), C18(Carbamidomethyl), C20(Carbamidomethyl), C27(Carbamidomethyl)"	26	0.001807549	1	3746.434	1.61	Ovary	2R:-:4056434-4056345	exon=> In CDS Exon 7 of transcript AGAP001381-PA

JHU_Ag_107955	ICDRHGDPCDEFCGGAGCK	AGAP001381-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C13(Carbamidomethyl), C18(Carbamidomethyl)	111	6.89E-12	1	2210.854	3.27	Malpighian tubule	2R:-:4054667-4054611	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_109180	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	-	77	3.13E-07	1	2110.042	0.22	Male reproductive organs	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_109895	VHPCEQSSCYPATGNLLIGR	AGAP001381-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	71	1.30E-06	1	2259.074	4.07	Salivary gland	2R:-:4060171-4060112	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_110356	IEITPIMQGSHQAEVR	AGAP001381-PA	M7(Oxidation)	43	0.000556 91	2	1824.932	2.71	Head	2R:-:4057263-4057216	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_110369	ANDRDADFTGPGFIR	AGAP001381-PA	-	69	2.30E-06	1	1651.792	5.84	Malpighian tubule	2R:-:4057665-4057621	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_111123	SNEKEIQNLEAELNDLTGK	AGAP001381-PA	-	56	3.47E-05	1	2145.067	-0.21	Ovary	2R:-:4053272-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_111240	IQDAVSHLVNVESIIR	AGAP001381-PA	-	111	3.90E-11	1	1792.997	3.12	Malpighian tubule	2R:-:4054173-4054126	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_111641	IGQIIYK	AGAP001381-PA	-	38	0.000663 128	1	834.511	2.65	Malpighian tubule	2R:-:4059970-4059950	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_111820	THDETQAHLEDTKDLIDR	AGAP001381-PA	-	82	1.09E-07	1	2137.016	0.24	Pupa	2R:-:4054368-4054315	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_111864	AENYCR	AGAP001381-PA	C5(Carbamidomethyl)	26	0.004679 201	1	812.338	2.75	Malpighian tubule	2R:-:4054817-4054800	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_111902	GSCSCYGHASR	AGAP001381-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	73	5.73E-08	2	1241.476	-1.74	Midgut	2R:-:4058817-4058785	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_112530	EIEAIGGEIDR	AGAP001381-PA	-	66	3.74E-06	2	1201.606	-0.18	Midgut	2R:-:4055126-4055094	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_113027	EIQNLEAELNDLTGK	AGAP001381-PA	-	73	7.28E-07	2	1686.857	1.44	Pupa	2R:-:4053260-4053216	exon=> In CDS Exon 14 of transcript AGAP001381-PA
JHU_Ag_113661	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	-	75	4.55E-07	1	2110.046	2.21	Malpighian tubule	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_113959	LHSLGDNLLDDR	AGAP001381-PA	-	68	2.50E-06	1	1367.696	3.68	Larva	2R:-:4058904-4058869	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_114087	YCIVSHLEEKK	AGAP001381-PA	C2(Carbamidomethyl)	45	0.000569 487	2	1405.718	2.22	Ovary	2R:-:4060060-4060028	exon=> In CDS Exon 3 of transcript AGAP001381-PA
JHU_Ag_115075	ITVDTTTQLSALQSMDDIYK	AGAP001381-PA	-	56	4.37E-05	2	2243.113	0.71	Pupa	2R:-:4053404-4053509,4053156-4053273	exon=> In CDS Exon 14 and 13 of transcript AGAP001381-PA
JHU_Ag_115110	IDLEEIDKETEEAQK	AGAP001381-PA	-	96	3.99E-09	1	1789.869	-0.54	Male reproductive organs	2R:-:4053867-4053994,4053591-4053750	exon=> In CDS Exon 12 and 11 of transcript AGAP001381-PA
JHU_Ag_115496	LHSLGDNLLDDRDEIQEK	AGAP001381-PA	-	86	3.49E-08	1	2110.037	-2.21	Head	2R:-:4058904-4058851	exon=> In CDS Exon 4 of transcript AGAP001381-PA
JHU_Ag_115505	THDETQAHLEDTKDLIDR	AGAP001381-PA	-	86	4.03E-08	1	2137.015	-0.43	Ovary	2R:-:4054368-4054315	exon=> In CDS Exon 10 of transcript AGAP001381-PA
JHU_Ag_116304	IEITPIMQGSHQAEVR	AGAP001381-PA	M7(Oxidation)	82	7.76E-08	1	1824.930	1.24	Male reproductive organs	2R:-:4057263-4057216	exon=> In CDS Exon 6 of transcript AGAP001381-PA
JHU_Ag_117571	LANIEIVNLGR	AGAP001381-PA	-	92	2.82E-09	2	1211.712	1.03	Malpighian tubule	2R:-:4055012-4054980	exon=> In CDS Exon 9 of transcript AGAP001381-PA
JHU_Ag_33919	EQPDDVLIDLIAR	AGAP001382-PA	-	49	0.000129 236	2	1496.790	-3.83	Midgut	2R:-:4067643-4067605	exon=> In CDS Exon 3 of transcript AGAP001382-PA
JHU_Ag_71792	EQPDDVLIDLIAR	AGAP001382-PA	-	85	2.72E-08	2	1496.799	2.53	Head	2R:-:4067643-4067605	exon=> In CDS Exon 3 of transcript AGAP001382-PA
JHU_Ag_4778	FPSHFGSELK	AGAP001384-PA	-	57	3.48E-05	1	1148.569	-3.82	Head	2R:-:4098595-4098566	exon=> In CDS Exon 1 of transcript AGAP001384-PA

JHU_Ag_6713	TLGTGSFGR	AGAP001384-PA	-	51	8.45E-05	2	895.461	-1.99	Head	2R:-:4099222-4099196	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_6768	NPTNTAALDDFER	AGAP001384-PA	-	97	2.20E-09	1	1463.676	-0.32	Pupa	2R:-:4099267-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_10540	RIEAPFIPR	AGAP001384-PA	-	48	7.49E-05	1	1098.643	1.44	Malpighian tubule	2R:-:4098439-4098413	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_11846	GPGDTSNFDDYEEETLR	AGAP001384-PA	-	127	6.83E-13	1	1944.810	0.27	Salivary gland	2R:-:4098406-4098356	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_13089	VTDFGFAK	AGAP001384-PA	-	42	0.000539608	2	884.451	-0.77	Midgut	2R:-:4098820-4098797	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_13491	KVDAAESVR	AGAP001384-PA	-	41	0.001627931	2	974.524	-3.12	Head	2R:-:4099342-4099316	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_13676	RIEAPFIPR	AGAP001384-PA	-	45	0.000156478	1	1098.644	2.1	Salivary gland	2R:-:4098439-4098413	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_14673	FPSHFGSELK	AGAP001384-PA	-	57	4.09E-05	1	1148.574	0.11	Salivary gland	2R:-:4098595-4098566	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_15088	WFASTDWIAVFQK	AGAP001384-PA	-	86	3.53E-08	1	1598.804	2.03	Salivary gland	2R:-:4098478-4098440	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_21590	TLGTGSFGR	AGAP001384-PA	-	42	0.00041147	2	895.467	4.01	Salivary gland	2R:-:4099222-4099196	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_22041	RNPTNTAALDDFER	AGAP001384-PA	-	91	1.23E-08	1	1619.784	4.13	Midgut	2R:-:4099270-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_22977	DLKPENLLIDSQGYLK	AGAP001384-PA	-	78	1.44E-07	1	1845.993	-1.31	Ovary	2R:-:4098868-4098821	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_23600	KVDAAESVR	AGAP001384-PA	-	53	9.69E-05	2	974.527	0.63	Visceras	2R:-:4099342-4099316	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_25407	NPTNTAALDDFER	AGAP001384-PA	-	68	2.00E-06	1	1463.677	0.51	Visceras	2R:-:4099267-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_30431	NPTNTAALDDFER	AGAP001384-PA	-	94	4.28E-09	1	1463.678	1.09	Male reproductive organs	2R:-:4099267-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_31342	DLKPENLLIDSQGYLK	AGAP001384-PA	-	76	2.38E-07	1	1845.998	1.47	Malpighian tubule	2R:-:4098868-4098821	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_33140	VTDFGFAK	AGAP001384-PA	-	41	0.000598519	2	884.452	0.54	Malpighian tubule	2R:-:4098820-4098797	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_38220	TWTLCGTPEYLAPEIILSK	AGAP001384-PA	C5(Carbamidomethyl)	57	2.19E-05	1	2192.138	3.48	Head	2R:-:4098781-4098725	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_45601	QVEHTLNEK	AGAP001384-PA	-	43	0.000591769	2	1097.553	-4.97	Head	2R:-:4099114-4099088	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_46186	EFLDQAKEDFEEK	AGAP001384-PA	-	91	7.63E-09	1	1627.742	-3.82	Midgut	2R:-:4099315-4099277	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_46640	VRFPSHFGSELK	AGAP001384-PA	-	45	0.000415503	1	1403.753	6.79	Ovary	2R:-:4098601-4098566	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_48888	KVDAAESVR	AGAP001384-PA	-	46	0.000452518	1	974.524	-2.69	Salivary gland	2R:-:4099342-4099316	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_50883	DLKPENLLIDSQGYLK	AGAP001384-PA	-	105	2.66E-10	1	1846.002	3.2	Head	2R:-:4098868-4098821	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_53168	GPGDTSNFDDYEEETLR	AGAP001384-PA	N7(Deamidated)	133	1.59E-13	1	1944.811	0.71	Head	2R:-:4098406-4098356	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_54960	KVDAAESVR	AGAP001384-PA	-	37	0.003978129	1	974.526	-0.68	Midgut	2R:-:4099342-4099316	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_55034	DLKPENLLIDSQGYLK	AGAP001384-PA	-	63	4.04E-06	1	1846.000	2.07	Pupa	2R:-:4098868-4098821	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_56365	GPGDTSNFDDYEEETLR	AGAP001384-PA	-	55	1.03E-05	2	1944.810	0.53	Pupa	2R:-:4098406-4098356	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_56917	NPTNTAALDDFER	AGAP001384-PA	-	109	1.59E-10	1	1463.677	0.26	Midgut	2R:-:4099267-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA

JHU_Ag_57876	GPGDTSNFDDYEEETLR	AGAP001384-PA	-	128	4.67E-13	1	1944.809	-0.1	Midgut	2R:-:4098406-4098356	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_59524	VTDFGFAK	AGAP001384-PA	-	37	0.001629589	1	884.451	-0.55	Head	2R:-:4098820-4098797	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_59554	NPTNTAALDDFER	AGAP001384-PA	-	103	5.52E-10	1	1463.680	2.43	Malpighian tubule	2R:-:4099267-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_66190	GPGDTSNFDDYEEETLR	AGAP001384-PA	-	51	3.07E-05	2	1944.813	1.72	Visceras	2R:-:4098406-4098356	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_67520	TWTLCGTPEYLAPEIILSK	AGAP001384-PA	C5(Carbamidomethyl)	92	6.95E-09	1	2192.137	2.81	Malpighian tubule	2R:-:4098781-4098725	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_69093	VTDFGFAK	AGAP001384-PA	-	41	0.000823614	2	884.453	1.51	Salivary gland	2R:-:4098820-4098797	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_70417	NPTNTAALDDFER	AGAP001384-PA	-	115	3.44E-11	1	1463.673	-1.99	Head	2R:-:4099267-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_74115	RIEAPFIPR	AGAP001384-PA	-	46	0.000147761	1	1098.641	-0.45	Midgut	2R:-:4098439-4098413	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_77449	RNPTNTAALDDFER	AGAP001384-PA	-	82	9.76E-08	1	1619.774	-2.21	Head	2R:-:4099270-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_77528	DLKPENLLIDSQGYLK	AGAP001384-PA	-	96	1.89E-09	1	1846.002	3.66	Salivary gland	2R:-:4098868-4098821	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_83880	NPTNTAALDDFER	AGAP001384-PA	-	109	1.49E-10	1	1463.678	1.34	Salivary gland	2R:-:4099267-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_84909	ILQAISFPFLVSLK	AGAP001384-PA	-	60	7.19E-07	1	1575.947	-2.62	Ovary	2R:-:4099084-4099043	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_85553	ILQAISFPFLVSLK	AGAP001384-PA	-	23	0.001324159	2	1575.961	6.6	Malpighian tubule	2R:-:4099084-4099043	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_86299	NLLQVDLTKR	AGAP001384-PA	-	65	1.67E-06	1	1199.713	1.86	Midgut	2R:-:4098553-4098524	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_89262	VMIVQHK	AGAP001384-PA	-	30	0.003221574	1	854.492	0.54	Midgut	2R:-:4099195-4099175	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_91736	RIEAPFIPR	AGAP001384-PA	-	52	3.75E-05	1	1098.640	-2.01	Head	2R:-:4098439-4098413	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_92199	RNPTNTAALDDFER	AGAP001384-PA	-	90	1.47E-08	1	1619.757	-12.38	Malpighian tubule	2R:-:4099270-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_94373	AGVNDIK	AGAP001384-PA	-	33	0.009045886	2	716.393	-0.83	Head	2R:-:4098508-4098488	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_95035	ILQAISFPFLVSLK	AGAP001384-PA	-	72	3.75E-08	1	1575.955	2.42	Salivary gland	2R:-:4099084-4099043	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_98873	DLKPENLLIDSQGYLK	AGAP001384-PA	-	83	4.70E-08	1	1845.997	0.62	Midgut	2R:-:4098868-4098821	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_101405	GPGDTSNFDDYEEETLR	AGAP001384-PA	-	97	7.94E-10	2	1944.815	2.85	Malpighian tubule	2R:-:4098406-4098356	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_105326	DNSNLYMVLEYVPGGEMFSHLR	AGAP001384-PA	-	83	8.32E-08	1	2571.212	4.3	Salivary gland	2R:-:4099030-4098965	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_109083	RNPTNTAALDDFER	AGAP001384-PA	-	58	2.72E-05	2	1619.783	3.82	Ovary	2R:-:4099270-4099229	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_109226	DLKPENLLIDSQGYLK	AGAP001384-PA	-	71	7.46E-07	1	1845.997	0.68	Male reproductive organs	2R:-:4098868-4098821	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_109930	DNSNLYMVLEYVPGGEMFSHLR	AGAP001384-PA	N2(Deamidated), M7(Oxidation), M17(Oxidation),"M7(Oxidation), M17(Oxidation)"	65	3.75E-06	1	2603.198	2.91	Head	2R:-:4099030-4098965	exon=> In CDS Exon 1 of transcript AGAP001384-PA
JHU_Ag_115012	VMIVQHK	AGAP001384-PA	M2(Oxidation)	56	1.63E-05	1	870.487	0.2	Head	2R:-:4099195-4099175	exon=> In CDS Exon 1 of transcript AGAP001384-PA

JHU_Ag_50014	DDEEEAEGEER	AGAP001386-PA	-	56	1.09E-06	2	1307.490	1.91	Head	2R:-:4107321-4107289	exon=> In CDS Exon 5 of transcript AGAP001386-PA
JHU_Ag_5591	TAAVETDGAAADAAEVAEK	AGAP001387-PA	-	117	2.60E-11	2	1789.844	-0.89	Malpighian tubule	2R:-:4117108-4117052	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_9484	TPVTTSEK	AGAP001387-PA	-	40	0.001665241	2	862.453	1.6	Head	2R:-:4117207-4117184	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_15039	ADGAAAAEVDGAEHTTPEK	AGAP001387-PA	-	145	3.49E-14	1	1839.838	1.52	Malpighian tubule	2R:-:4116850-4116794	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_35391	LDDSSDAK	AGAP001387-PA	-	42	0.000592135	2	850.381	2.49	Head	2R:-:4116784-4116761	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_37968	ADGAAAAEVDGAEHTTPEKK	AGAP001387-PA	-	103	8.19E-10	1	1967.927	-1.97	Ovary	2R:-:4116850-4116791	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_43251	ESSTEDGEEGKEEDGAADK	AGAP001387-PA	-	46	5.55E-05	1	1982.799	2.21	Head	2R:-:4116946-4116890	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_45401	ADGAAAAEVDGAEHTTPEK	AGAP001387-PA	-	156	2.52E-15	1	1839.836	0.13	Ovary	2R:-:4116850-4116794	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_48926	AKLDDSSDAK	AGAP001387-PA	-	43	0.000792699	2	1049.511	-0.2	Salivary gland	2R:-:4116790-4116761	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_56484	ESSTEDGEEGKEEDGAADK	AGAP001387-PA	-	121	1.54E-12	1	1982.792	-1.36	Ovary	2R:-:4116946-4116890	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_59159	TAAVETDGAAADAAEVAEKNGEEEPAK	AGAP001387-PA	N20(Deamidated)	47	0.000278433	1	2645.228	8.37	Head	2R:-:4117108-4117028	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_61479	NGEEEPAK	AGAP001387-PA	N1(Deamidated)	52	2.86E-05	1	874.380	0.76	Ovary	2R:-:4117051-4117028	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_62866	ESSTEDGEEGKEEDGAADK	AGAP001387-PA	-	37	0.000537293	1	1982.800	2.54	Midgut	2R:-:4116946-4116890	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_64085	ADKDNGVATEEEAAAATTTTTAEGEPK	AGAP001387-PA	N5(Deamidated)	120	1.34E-11	1	2678.226	-0.56	Ovary	2R:-:4117027-4116947	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_66644	DNGVATEEEAAAATTTTTAEGEPK	AGAP001387-PA	-	167	2.36E-16	2	2364.074	2.18	Head	2R:-:4117018-4116947	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_72119	TAAVETDGAAADAAEVAEK	AGAP001387-PA	-	160	1.33E-15	1	1789.847	1.02	Ovary	2R:-:4117108-4117052	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_73095	LDDSSDAK	AGAP001387-PA	-	40	0.000919223	1	850.380	0.93	Ovary	2R:-:4116784-4116761	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_73461	ADGAAAAEVDGAEHTTPEKK	AGAP001387-PA	-	48	0.000239979	1	1967.929	-0.94	Head	2R:-:4116850-4116791	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_77546	TAAVETDGAAADAAEVAEKNGEEEPAK	AGAP001387-PA	N20(Deamidated)	98	2.07E-09	1	2645.207	0.21	Ovary	2R:-:4117108-4117028	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_77677	EVESDEATPQVAPADATEETATTDK	AGAP001387-PA	-	108	1.37E-10	2	2605.167	1.39	Head	2R:-:4117183-4117109	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_83771	EVESDEATPQVAPADATEETATTDK	AGAP001387-PA	-	119	9.46E-12	1	2605.160	-1.28	Ovary	2R:-:4117183-4117109	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_89741	ADGAAAAEVDGAEHTTPEK	AGAP001387-PA	-	62	7.57E-06	2	1839.843	4.24	Midgut	2R:-:4116850-4116794	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_91922	ADGAAAAEVDGAEHTTPEK	AGAP001387-PA	-	127	2.49E-12	1	1839.841	2.85	Head	2R:-:4116850-4116794	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_99489	TDVSAKTEK	AGAP001387-PA	N-Term(Acetyl)	35	0.004983277	1	1020.521	0.03	Malpighian tubule	2R:-:4117663-4117666,4116737-4117208	exon=> In CDS Exon 2 and 1 of transcript AGAP001387-PA
JHU_Ag_106841	TAAVETDGAAADAAEVAEK	AGAP001387-PA	-	151	1.33E-14	1	1789.850	2.66	Salivary gland	2R:-:4117108-4117052	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_108147	ESSTEDGEEGKEEDGAADK	AGAP001387-PA	-	85	6.92E-09	1	1982.799	2.45	Malpighian tubule	2R:-:4116946-4116890	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_110918	ADGAAAAEVDGAEHTTPEKK	AGAP001387-PA	-	93	7.87E-09	1	1967.933	1.28	Malpighian tubule	2R:-:4116850-4116791	exon=> In CDS Exon 2 of transcript AGAP001387-PA

JHU_Ag_115965	TAAVETDGAAADAAEVAEK	AGAP001387-PA	-	131	1.26E-12	2	1789.847	0.82	Midgut	2R:-:4117108-4117052	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_116907	TAAVETDGAAADAAEVAEK	AGAP001387-PA	-	163	8.01E-16	1	1789.846	0.61	Head	2R:-:4117108-4117052	exon=> In CDS Exon 2 of transcript AGAP001387-PA
JHU_Ag_99067	TIVMLDEQGEQLDR	AGAP001394-PA	M4(Oxidation)	110	1.43E-10	1	1662.794	-3.57	Midgut	2R:+:4160142-4160169,4162303-4162316	exon=> In CDS Exon 3 and 4 of transcript AGAP001394-PA
JHU_Ag_17540	QQQVVDESLDSTR	AGAP001394-PA,AGAP001394-PB	-	76	3.73E-07	2	1504.725	0.86	Head	2R:+:4155440-4155460,4155623-4155640;2R:+:4155440-4155460,4155623-4155640	exon=> In CDS Exon 1 and 2 of transcript AGAP001394-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001394-PB
JHU_Ag_24366	NGLGPQAGYIGR	AGAP001394-PA,AGAP001394-PB	-	59	2.04E-05	1	1202.627	-0.89	Head	2R:+:4162602-4162636,4162717-4162717;2R:+:4162602-4162636,4162717-4162717	exon=> In CDS Exon 5 and 6 of transcript AGAP001394-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP001394-PB
JHU_Ag_25579	SASFKEDDGTWK	AGAP001394-PA,AGAP001394-PB	-	34	0.004127847	2	1370.622	-0.26	Head	2R:+:4162509-4162544;2R:+:4162509-4162544	exon=> In CDS Exon 5 of transcript AGAP001394-PA;exon=> In CDS Exon 5 of transcript AGAP001394-PB
JHU_Ag_27152	IEEGMDQINADMR	AGAP001394-PA,AGAP001394-PB	M5(Oxidation), M12(Oxidation),M5(Oxidation)	99	9.87E-10	2	1521.670	1.59	Head	2R:+:4162317-4162355;2R:+:4162317-4162355	exon=> In CDS Exon 4 of transcript AGAP001394-PA;exon=> In CDS Exon 4 of transcript AGAP001394-PB
JHU_Ag_35517	PAAAPPAENGAAVPK	AGAP001394-PA,AGAP001394-PB	N9(Deamidated)	79	1.82E-07	1	1361.709	2.1	Head	2R:+:4155368-4155412;2R:+:4155368-4155412	exon=> In CDS Exon 1 of transcript AGAP001394-PA;exon=> In CDS Exon 1 of transcript AGAP001394-PB
JHU_Ag_40080	QQQVVDESLDSTRR	AGAP001394-PA,AGAP001394-PB	-	55	5.94E-05	1	1660.824	-0.32	Head	2R:+:4155440-4155460,4155623-4155643;2R:+:4155440-4155460,4155623-4155643	exon=> In CDS Exon 1 and 2 of transcript AGAP001394-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001394-PB
JHU_Ag_75794	CCGICVLPCNK	AGAP001394-PA,AGAP001394-PB	C1(Carbamidomethyl), C2(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	64	1.86E-06	2	1380.589	-0.09	Head	2R:+:4162389-4162420,4162508-4162508;2R:+:4162389-4162420,4162508-4162508	exon=> In CDS Exon 4 and 5 of transcript AGAP001394-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP001394-PB
JHU_Ag_94021	PAAAPPAENGAAVPK	AGAP001394-PA,AGAP001394-PB	-	40	0.001444051	2	1360.725	2.38	Malpighian tubule	2R:+:4155368-4155412;2R:+:4155368-4155412	exon=> In CDS Exon 1 of transcript AGAP001394-PA;exon=> In CDS Exon 1 of transcript AGAP001394-PB
JHU_Ag_115301	ITNDAREDEMEENMGQVNTMIGNLR	AGAP001394-PA,AGAP001394-PB	M10(Oxidation), M14(Oxidation), M20(Oxidation)	45	0.000250125	3	2928.280	1.14	Head	2R:+:4162718-4162792;2R:+:4162718-4162792	exon=> In CDS Exon 6 of transcript AGAP001394-PA;exon=> In CDS Exon 6 of transcript AGAP001394-PB
JHU_Ag_117548	NMALDMGSELENQNR	AGAP001394-PA,AGAP001394-PB	-	124	3.48E-12	1	1721.759	0.2	Head	2R:+:4162793-4162837;2R:+:4162793-4162837	exon=> In CDS Exon 6 of transcript AGAP001394-PA;exon=> In CDS Exon 6 of transcript AGAP001394-PB
JHU_Ag_83511	TLVALDDQGEQLDR	AGAP001394-PB	-	121	1.12E-11	1	1572.787	0.44	Head	2R:+:4158481-4158508,4162303-4162316	exon=> In CDS Exon 3 and 4 of transcript AGAP001394-PB
JHU_Ag_2394	SIFGEDALANLSIEKPLDRPDAPVTGHIR	AGAP001399-PA	-	63	3.25E-06	1	3131.648	-0.07	Head	2R:-:4186730-4186644	exon=> In CDS Exon 5 of transcript AGAP001399-PA
JHU_Ag_4959	TLALAMDLVSSR	AGAP001399-PA	M6(Oxidation)	69	1.48E-06	2	1276.694	0.97	Midgut	2R:-:4188628-4188593	exon=> In CDS Exon 2 of transcript AGAP001399-PA

JHU_Ag_4979	THNIEHEDTGK	AGAP001399-PA	-	63	5.98E-06	1	1280.591	3.8	Ovary	2R:-:4188547-4188515	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_5252	LPNLLMTIIR	AGAP001399-PA	M6(Oxidation)	52	2.54E-05	1	1199.719	0.58	Midgut	2R:-:4189483-4189454	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_7702	LPNLLMTIIR	AGAP001399-PA	M6(Oxidation)	71	2.29E-07	1	1183.725	1.14	Salivary gland	2R:-:4189483-4189454	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_7807	VCHANPAER	AGAP001399-PA	C2(Carbamidomethyl)	40	0.001069045	1	1053.485	-4.23	Male reproductive organs	2R:-:4188946-4188920	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_9696	VSVNTTLTDLHDYLR	AGAP001399-PA	-	78	2.27E-07	1	1746.903	0.41	Male reproductive organs	2R:-:4186945-4186901	exon=> In CDS Exon 4 of transcript AGAP001399-PA
JHU_Ag_11533	IMQELVMDVLR	AGAP001399-PA	M2(Oxidation), M7(Oxidation)	63	8.27E-06	1	1378.706	-0.63	Male reproductive organs	2R:-:4188697-4188665	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_12388	VLSATDIEVR	AGAP001399-PA	-	69	1.99E-06	2	1102.611	0.73	Salivary gland	2R:-:4188664-4188635	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_12439	NAFLMLLHADQER	AGAP001399-PA	M5(Oxidation)	37	0.002895545	1	1573.781	1.04	Male reproductive organs	2R:-:4189072-4189034	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_13578	FSHLQPLVIEK	AGAP001399-PA	-	53	2.77E-05	1	1310.750	2.61	Salivary gland	2R:-:4188358-4188326	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_14202	VLSATDIEVR	AGAP001399-PA	-	81	1.21E-07	1	1102.614	3.17	Malpighian tubule	2R:-:4188664-4188635	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_14261	FSHLQPLVIEK	AGAP001399-PA	-	37	0.001053344	1	1310.746	-0.56	Male reproductive organs	2R:-:4188358-4188326	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_14953	DLQHPNEFLR	AGAP001399-PA	-	32	0.008635148	1	1268.638	-0.5	Head	2R:-:4189324-4189295	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_16167	FSHLQPLVIEK	AGAP001399-PA	-	54	2.06E-05	1	1310.750	2.14	Malpighian tubule	2R:-:4188358-4188326	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_18192	NIEEMVLVLKK	AGAP001399-PA	-	54	2.14E-05	2	1315.766	0.16	Midgut	2R:-:4188592-4188560	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_19505	NAVLAIFTIYK	AGAP001399-PA	-	67	6.95E-07	2	1252.731	1.17	Malpighian tubule	2R:-:4189186-4189154	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_19659	THNIEHEDTGK	AGAP001399-PA	-	60	1.23E-05	1	1280.586	-0.39	Salivary gland	2R:-:4188547-4188515	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_20060	ALSGQCGFMAANMYAR	AGAP001399-PA	C6(Carbamidomethyl), M9(Oxidation), M13(Oxidation)	67	1.32E-06	2	1779.764	1.75	Malpighian tubule	2R:-:4186855-4187082,4186626-4186731	exon=> In CDS Exon 5 and 4 of transcript AGAP001399-PA
JHU_Ag_20506	YEAAGTLVTLSTAPTAIK	AGAP001399-PA	-	84	3.27E-08	2	1806.983	-0.9	Midgut	2R:-:4188862-4188809	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_23077	THNIEHEDTGKYR	AGAP001399-PA	-	61	1.17E-05	1	1599.754	1.64	Malpighian tubule	2R:-:4188547-4188509	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_24370	LIVLDR	AGAP001399-PA	-	30	0.002952033	2	728.466	-0.25	Midgut	2R:-:4188751-4188734	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_27863	VTSDGTYATQSAFSVAPVAK	AGAP001399-PA	Q10(Deamidated)	36	0.004005503	2	2001.007	13.08	Ovary	2R:-:4188094-4189554,4187147-4187958	exon=> In CDS Exon 3 and 2 of transcript AGAP001399-PA
JHU_Ag_27961	LKEPELLEPLMPTIR	AGAP001399-PA	M11(Oxidation)	31	0.003804006	1	1795.006	1.17	Ovary	2R:-:4189267-4189223	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_29112	DLQHPNEFLR	AGAP001399-PA	-	47	0.000242765	1	1268.640	1.42	Ovary	2R:-:4189324-4189295	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_32640	TLALAMDLVSSR	AGAP001399-PA	M6(Oxidation)	75	3.36E-07	1	1292.694	4.7	Larva	2R:-:4188628-4188593	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_34346	ALGEVPIVEAEQSR	AGAP001399-PA	-	82	6.26E-08	1	1497.792	0.81	Male reproductive organs	2R:-:4188205-4188164	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_34513	YEAAGTLVTLSTAPTAIK	AGAP001399-PA	-	51	4.85E-05	2	1806.990	2.61	Salivary gland	2R:-:4188862-4188809	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_35640	FSHLQPLVIEK	AGAP001399-PA	-	65	1.53E-06	1	1310.746	-0.47	Head	2R:-:4188358-4188326	exon=> In CDS Exon 2 of transcript AGAP001399-PA

JHU_Ag_36055	VSVNTTLTDLHDYLR	AGAP001399-PA	-	83	6.81E-08	1	1746.905	1.67	Midgut	2R:-:4186945-4186901	exon=> In CDS Exon 4 of transcript AGAP001399-PA
JHU_Ag_36649	FVLPLQNHTLK	AGAP001399-PA	-	29	0.004346603	1	1309.766	2.58	Malpighian tubule	2R:-:4189453-4189421	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_37228	NAVLAIFTIYK	AGAP001399-PA	-	54	1.16E-05	2	1252.735	3.9	Ovary	2R:-:4189186-4189154	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_37317	LVEKPHPVVLAPHDFCNIK	AGAP001399-PA	C16(Carbamidomethyl)	94	3.11E-09	1	2213.191	0.23	Male reproductive organs	2R:-:4187255-4187199	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_37747	FSHLQPLVIEK	AGAP001399-PA	-	53	2.36E-05	1	1310.748	0.75	Midgut	2R:-:4188358-4188326	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_38204	FVLPLQNHTLK	AGAP001399-PA	-	28	0.005004 93	1	1309.761	-1.61	Midgut	2R:-:4189453-4189421	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_39147	LAGNEAGEEEQKTTETTANSTNK	AGAP001399-PA	-	44	0.000568659	1	2423.133	6.53	Malpighian tubule	2R:-:4188163-4188095	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_39970	VTSDGTYATQSAFSVAPVAK	AGAP001399-PA	-	92	9.77E-09	1	1999.993	-2.3	Salivary gland	2R:-:4188094-4189554,4187147-4187958	exon=> In CDS Exon 3 and 2 of transcript AGAP001399-PA
JHU_Ag_40004	TLALAMDLVSSR	AGAP001399-PA	-	62	8.27E-06	2	1276.697	3.07	Ovary	2R:-:4188628-4188593	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_40952	IMQELVMDVLR	AGAP001399-PA	M2(Oxidation), M7(Oxidation)	93	7.51E-09	1	1378.714	5.39	Larva	2R:-:4188697-4188665	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_42418	IMQELVMDVLR	AGAP001399-PA	M2(Oxidation), M7(Oxidation)	56	3.87E-05	1	1378.708	0.43	Salivary gland	2R:-:4188697-4188665	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_43297	FSHLQPLVIEK	AGAP001399-PA	-	67	8.23E-07	1	1310.752	3.73	Larva	2R:-:4188358-4188326	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_44418	STALTDVASPNSKLNK	AGAP001399-PA	-	78	2.10E-07	1	1645.878	1.29	Malpighian tubule	2R:-:4187459-4187412	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_45295	VLSATDIEVR	AGAP001399-PA	-	79	1.62E-07	1	1102.608	-1.81	Male reproductive organs	2R:-:4188664-4188635	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_45426	VIQLMLQGER	AGAP001399-PA	M5(Oxidation)	65	3.91E-06	1	1202.659	2.59	Salivary gland	2R:-:4189513-4189484	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_45948	ALGEVPIVEAEQSR	AGAP001399-PA	-	68	1.42E-06	2	1497.794	2.19	Head	2R:-:4188205-4188164	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_47758	THNIEHEDTGK	AGAP001399-PA	-	41	0.000928 06	1	1280.586	-0.86	Malpighian tubule	2R:-:4188547-4188515	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_47996	CIYNLLNSSSNAVR	AGAP001399-PA	C1(Carbamidomethyl)	109	1.80E-10	2	1610.801	3.5	Salivary gland	2R:-:4188904-4188863	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_51563	LKEPELLEPLMPTIR	AGAP001399-PA	M11(Oxidation)	47	8.63E-05	1	1795.007	1.68	Salivary gland	2R:-:4189267-4189223	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_51624	NAVLAIFTIYK	AGAP001399-PA	-	57	7.29E-06	2	1252.732	1.36	Male reproductive organs	2R:-:4189186-4189154	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_53086	ALGEVPIVEAEQSR	AGAP001399-PA	-	58	1.46E-05	1	1497.794	2.27	Salivary gland	2R:-:4188205-4188164	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_56450	STALTDVASPNSK	AGAP001399-PA	-	58	2.84E-05	2	1290.654	0.64	Salivary gland	2R:-:4187459-4187421	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_58632	TLALAMDLVSSR	AGAP001399-PA	M6(Oxidation)	43	0.000673891	2	1292.687	-0.87	Male reproductive organs	2R:-:4188628-4188593	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_59210	SIFGEDALANLSIEKPLDRPDAPVTGHIR	AGAP001399-PA	-	78	1.20E-07	1	3131.643	-1.71	Midgut	2R:-:4186730-4186644	exon=> In CDS Exon 5 of transcript AGAP001399-PA
JHU_Ag_59775	LKEPELLEPLMPTIR	AGAP001399-PA	M11(Oxidation)	53	2.34E-05	1	1795.007	1.68	Malpighian tubule	2R:-:4189267-4189223	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_59860	TLALAMDLVSSR	AGAP001399-PA	-	52	7.17E-05	2	1276.694	0.97	Head	2R:-:4188628-4188593	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_61015	LPNLLMTIIR	AGAP001399-PA	M6(Oxidation)	52	2.98E-05	1	1199.716	-1.36	Malpighian tubule	2R:-:4189483-4189454	exon=> In CDS Exon 2 of transcript AGAP001399-PA

JHU_Ag_61377	VSVNTTLTDLHDYLR	AGAP001399-PA	-	103	7.62E-10	1	1746.907	2.83	Malpighian tubule	2R:-:4186945-4186901	exon=> In CDS Exon 4 of transcript AGAP001399-PA
JHU_Ag_64474	NALANMLTAQSEEK	AGAP001399-PA	M6(Oxidation)	90	1.57E-08	2	1535.742	3.44	Salivary gland	2R:-:4187654-4187613	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_64674	VTSDGTYATQSAFSVAPVAK	AGAP001399-PA	-	111	1.35E-10	1	1999.997	-0.16	Head	2R:-:4188094-4189554,4187147-4187958	exon=> In CDS Exon 3 and 2 of transcript AGAP001399-PA
JHU_Ag_65938	VTSDGTYATQSAFSVAPVAK	AGAP001399-PA	-	124	5.96E-12	1	1999.999	1.06	Malpighian tubule	2R:-:4188094-4189554,4187147-4187958	exon=> In CDS Exon 3 and 2 of transcript AGAP001399-PA
JHU_Ag_66256	NAVLAIFTIYK	AGAP001399-PA	-	71	2.61E-07	1	1252.731	0.97	Midgut	2R:-:4189186-4189154	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_68044	VLSATDIEVR	AGAP001399-PA	-	55	4.78E-05	2	1102.615	3.83	Larva	2R:-:4188664-4188635	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_68786	VTSDGTYATQSAFSVAPVAK	AGAP001399-PA	-	115	5.37E-11	1	1999.999	0.88	Male reproductive organs	2R:-:4188094-4189554,4187147-4187958	exon=> In CDS Exon 3 and 2 of transcript AGAP001399-PA
JHU_Ag_68823	DLQHPNEFLR	AGAP001399-PA	-	39	0.001769714	1	1268.641	2.01	Salivary gland	2R:-:4189324-4189295	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_68865	SIFGEDALANLSIEKPLDRPDAPVTGHIR	AGAP001399-PA	-	170	5.20E-17	1	3131.663	4.63	Malpighian tubule	2R:-:4186730-4186644	exon=> In CDS Exon 5 of transcript AGAP001399-PA
JHU_Ag_69122	DLQHPNEFLR	AGAP001399-PA	-	50	0.000106669	1	1268.642	3.25	Malpighian tubule	2R:-:4189324-4189295	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_69881	ALGEVPIVEAEQSR	AGAP001399-PA	-	80	9.82E-08	1	1497.794	2.27	Malpighian tubule	2R:-:4188205-4188164	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_72613	VSVNTTLTDLHDYLR	AGAP001399-PA	-	76	3.55E-07	2	1746.905	1.4	Head	2R:-:4186945-4186901	exon=> In CDS Exon 4 of transcript AGAP001399-PA
JHU_Ag_72619	CIYNLLNSSSNAVR	AGAP001399-PA	C1(Carbamidomethyl)	44	0.000753828	2	1610.794	-1.2	Midgut	2R:-:4188904-4188863	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_72745	VSVNTTLTDLHDYLR	AGAP001399-PA	-	53	6.11E-05	1	1746.908	3.25	Ovary	2R:-:4186945-4186901	exon=> In CDS Exon 4 of transcript AGAP001399-PA
JHU_Ag_73565	SIFGEDALANLSIEKPLDRPDAPVTGHIR	AGAP001399-PA	-	117	1.35E-11	1	3131.652	1.1	Ovary	2R:-:4186730-4186644	exon=> In CDS Exon 5 of transcript AGAP001399-PA
JHU_Ag_76610	LVEKPHPVVLAPHDFCNIK	AGAP001399-PA	C16(Carbamidomethyl)	83	3.85E-08	1	2213.192	0.67	Malpighian tubule	2R:-:4187255-4187199	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_76631	LLEAFPAIK	AGAP001399-PA	-	43	0.000229935	2	1001.607	4.17	Larva	2R:-:4188325-4188299	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_77604	THNIEHEDTGK	AGAP001399-PA	-	57	2.20E-05	1	1280.589	1.89	Midgut	2R:-:4188547-4188515	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_79219	YEAAGTLVTLSTAPTAIK	AGAP001399-PA	-	77	1.46E-07	2	1806.986	0.79	Male reproductive organs	2R:-:4188862-4188809	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_80809	NAVLAIFTIYK	AGAP001399-PA	-	45	0.000127076	2	1252.730	0	Head	2R:-:4189186-4189154	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_80873	ALGEVPIVEAEQSR	AGAP001399-PA	-	73	4.92E-07	1	1497.793	1.62	Ovary	2R:-:4188205-4188164	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_81796	IMQELVMDVLR	AGAP001399-PA	M2(Oxidation),"M2(Oxidation), M7(Oxidation)",M7(Oxidation)	72	9.96E-07	2	1362.712	-0.16	Midgut	2R:-:4188697-4188665	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_82696	IMQELVMDVLR	AGAP001399-PA	-	86	4.19E-08	2	1346.717	0.05	Head	2R:-:4188697-4188665	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_84566	STALTDVASPNSK	AGAP001399-PA	-	40	0.001882266	2	1290.654	0.54	Ovary	2R:-:4187459-4187421	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_84956	DIMEVIGVVNR	AGAP001399-PA	M3(Oxidation)	43	0.000881079	2	1260.667	4.02	Larva	2R:-:4188238-4188206	exon=> In CDS Exon 2 of transcript AGAP001399-PA

JHU_Ag_86987	YEAAGTLVTLSTAPTAIK	AGAP001399-PA	-	72	5.49E-07	1	1806.986	0.45	Malpighian tubule	2R:-:4188862-4188809	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_87081	DLQHPNEFLR	AGAP001399-PA	-	47	0.000267858	1	1268.638	-0.12	Male reproductive organs	2R:-:4189324-4189295	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_88219	ALSGQCGFMAANMYAR	AGAP001399-PA	C6(Carbamidomethyl), M9(Oxidation), M13(Oxidation)	79	7.48E-08	1	1779.764	1.82	Salivary gland	2R:-:4186855-4187082,4186626-4186731	exon=> In CDS Exon 5 and 4 of transcript AGAP001399-PA
JHU_Ag_93456	LPNLLMTIIR	AGAP001399-PA	-	61	2.00E-06	2	1183.725	1.65	Head	2R:-:4189483-4189454	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_94175	LLEAFPAIK	AGAP001399-PA	-	39	0.000588309	2	1001.607	4.23	Male reproductive organs	2R:-:4188325-4188299	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_94238	NAFLMLLHADQER	AGAP001399-PA	M5(Oxidation)	75	4.67E-07	2	1557.798	8.65	Malpighian tubule	2R:-:4189072-4189034	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_99740	LLEAFPAIK	AGAP001399-PA	-	36	0.001533753	1	1001.604	0.82	Malpighian tubule	2R:-:4188325-4188299	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_101033	YEAAGTLVTLSTAPTAIK	AGAP001399-PA	-	45	0.000194033	2	1806.994	5.04	Larva	2R:-:4188862-4188809	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_101070	FVLPLQNHTLKK	AGAP001399-PA	-	50	1.37E-05	1	1437.860	1.94	Malpighian tubule	2R:-:4189453-4189418	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_101163	VCHANPAER	AGAP001399-PA	C2(Carbamidomethyl)	42	0.000794472	2	1053.488	-1.56	Salivary gland	2R:-:4188946-4188920	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_101821	STALTDVASPNSK	AGAP001399-PA	-	68	2.84E-06	2	1290.658	3.57	Malpighian tubule	2R:-:4187459-4187421	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_103582	HDQLGENVFELSLNQALAGTK	AGAP001399-PA	-	50	0.000132102	1	2284.163	2.86	Head	2R:-:4187522-4187460	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_103861	LVEKPHPVVLAPHDFCNIK	AGAP001399-PA	C16(Carbamidomethyl)	100	5.98E-10	1	2213.197	3.1	Salivary gland	2R:-:4187255-4187199	exon=> In CDS Exon 3 of transcript AGAP001399-PA
JHU_Ag_104431	LLEAFPAIK	AGAP001399-PA	-	41	0.000484033	1	1001.603	0.08	Salivary gland	2R:-:4188325-4188299	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_106254	VSVNTTLTDLHDYLR	AGAP001399-PA	-	50	0.000150777	1	1746.900	-1.37	Salivary gland	2R:-:4186945-4186901	exon=> In CDS Exon 4 of transcript AGAP001399-PA
JHU_Ag_106890	IMQELVMDVLR	AGAP001399-PA	-	60	1.67E-05	2	1346.717	-0.22	Ovary	2R:-:4188697-4188665	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_107660	NAVLAIFTIYK	AGAP001399-PA	-	39	0.000464584	1	1252.730	0.29	Salivary gland	2R:-:4189186-4189154	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_112469	NAFLMLLHADQER	AGAP001399-PA	M5(Oxidation)	47	0.000347548	1	1573.785	3.95	Salivary gland	2R:-:4189072-4189034	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_113694	DLQHPNEFLR	AGAP001399-PA	-	43	0.000581257	1	1268.639	0.26	Midgut	2R:-:4189324-4189295	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_115437	DIMEVIGVVNR	AGAP001399-PA	M3(Oxidation)	78	2.73E-07	2	1244.666	-0.5	Head	2R:-:4188238-4188206	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_116239	TLALAMDLVSSR	AGAP001399-PA	M6(Oxidation)	40	0.0013261	2	1292.693	3.85	Malpighian tubule	2R:-:4188628-4188593	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_116746	DIMEVIGVVNR	AGAP001399-PA	M3(Oxidation)	78	2.87E-07	1	1260.666	3.34	Salivary gland	2R:-:4188238-4188206	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_117064	LPNLLMTIIR	AGAP001399-PA	M6(Oxidation)	62	2.91E-06	2	1199.723	4.44	Ovary	2R:-:4189483-4189454	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_117837	YEAAGTLVTLSTAPTAIK	AGAP001399-PA	-	67	1.44E-06	2	1806.986	0.79	Head	2R:-:4188862-4188809	exon=> In CDS Exon 2 of transcript AGAP001399-PA
JHU_Ag_82838	LRGEEQAR	AGAP001400-PA	Q6(Deamidated)	41	0.001319886	2	959.489	-1.79	Head	2R:+:4190917-4190940	exon=> In CDS Exon 2 of transcript AGAP001400-PA
JHU_Ag_1513	DAPNAASGTAQQTEPK	AGAP001401-PA	-	113	7.32E-11	1	1585.749	2.05	Head	2R:-:4192712-4192819,4192574-4192607	exon=> In CDS Exon 4 and 3 of transcript AGAP001401-PA
JHU_Ag_13161	LDTQLR	AGAP001401-PA	-	42	0.001949148	2	745.422	1.59	Visceras	2R:-:4192933-4192916	exon=> In CDS Exon 2 of transcript AGAP001401-PA

JHU_Ag_38422	LELQATINDLNFQIQR	AGAP001401-PA	-	45	0.000313164	2	1916.029	2.76	Midgut	2R:-:4192981-4192934	exon=> In CDS Exon 2 of transcript AGAP001401-PA
JHU_Ag_62394	LDTQLR	AGAP001401-PA	-	46	0.000743573	2	745.422	2.65	Malpighian tubule	2R:-:4192933-4192916	exon=> In CDS Exon 2 of transcript AGAP001401-PA
JHU_Ag_64115	ILDELPFTTKK	AGAP001401-PA	-	39	0.000874065	1	1304.750	2.94	Malpighian tubule	2R:-:4192793-4192761	exon=> In CDS Exon 3 of transcript AGAP001401-PA
JHU_Ag_95326	HEQPLYIPATPER	AGAP001401-PA	-	49	0.000165202	1	1550.799	2.03	Head	2R:-:4192754-4192716	exon=> In CDS Exon 3 of transcript AGAP001401-PA
JHU_Ag_98085	QISKPIANLLKER	AGAP001401-PA	-	44	6.16E-05	1	1509.908	-1.82	Malpighian tubule	2R:-:4193353-4193315	exon=> In CDS Exon 1 of transcript AGAP001401-PA
JHU_Ag_15300	TIGLVLK	AGAP001403-PA	-	29	0.004710112	1	743.504	1.52	Visceras	2R:-:4197050-4197030	exon=> In CDS Exon 1 of transcript AGAP001403-PA
JHU_Ag_50143	TIGLVLK	AGAP001403-PA	-	29	0.00308367	1	743.503	-0.12	Midgut	2R:-:4197050-4197030	exon=> In CDS Exon 1 of transcript AGAP001403-PA
JHU_Ag_64911	TIGLVLK	AGAP001403-PA	-	28	0.003420329	1	743.501	-1.68	Head	2R:-:4197050-4197030	exon=> In CDS Exon 1 of transcript AGAP001403-PA
JHU_Ag_22555	LISVSGDR	AGAP001406-PA	-	42	0.00169091	2	846.468	0	Ovary	2R:+:4204090-4204113	exon=> In CDS Exon 2 of transcript AGAP001406-PA
JHU_Ag_49398	FIVTSDRDEK	AGAP001406-PA	-	36	0.003181075	1	1209.614	2.29	Midgut	2R:+:4203961-4203990	exon=> In CDS Exon 2 of transcript AGAP001406-PA
JHU_Ag_51268	LSLKEPALDFTVQK	AGAP001406-PA	-	48	0.000121197	1	1588.885	-6.11	Malpighian tubule	2R:+:4204159-4204200	exon=> In CDS Exon 2 of transcript AGAP001406-PA
JHU_Ag_53532	NFEDQFKDVTIEQVR	AGAP001406-PA	-	71	1.31E-06	1	1867.920	0.59	Ovary	2R:+:4204480-4204524	exon=> In CDS Exon 2 of transcript AGAP001406-PA
JHU_Ag_55592	IYSSYIVAAIK	AGAP001406-PA	-	47	0.000139027	2	1227.700	1.62	Ovary	2R:+:4203412-4203444	exon=> In CDS Exon 1 of transcript AGAP001406-PA
JHU_Ag_90746	SDCFEFGALDK	AGAP001406-PA	C3(Carbamidomethyl)	59	4.39E-06	1	1288.552	0.62	Ovary	2R:+:4203778-4203810	exon=> In CDS Exon 1 of transcript AGAP001406-PA
JHU_Ag_90925	LSLKEPALDFTVQK	AGAP001406-PA	-	59	5.76E-06	1	1588.898	1.96	Ovary	2R:+:4204159-4204200	exon=> In CDS Exon 2 of transcript AGAP001406-PA
JHU_Ag_100638	HTIDNLTEYFER	AGAP001406-PA	-	89	1.76E-08	1	1537.729	0.48	Ovary	2R:+:4204546-4204581	exon=> In CDS Exon 2 of transcript AGAP001406-PA
JHU_Ag_108246	VLAVSLSDK	AGAP001406-PA	-	42	0.000563014	1	931.546	0.09	Ovary	2R:+:4203610-4203636	exon=> In CDS Exon 1 of transcript AGAP001406-PA
JHU_Ag_117443	LCSAPLGEDITTAR	AGAP001406-PA	C2(Carbamidomethyl)	94	7.10E-09	1	1503.747	0.08	Ovary	2R:+:4203679-4203720	exon=> In CDS Exon 1 of transcript AGAP001406-PA
JHU_Ag_7065	VGITPPK	AGAP001407-PA	-	36	0.000161032	2	711.440	-0.43	Ovary	2R:-:4205455-4205435	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_17681	AVASQLDANFLK	AGAP001407-PA	-	34	0.004546393	1	1276.692	1.71	Salivary gland	2R:-:4205383-4205348	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_21873	VVSSAIVDKYIGESAR	AGAP001407-PA	-	119	1.05E-11	1	1693.915	2.04	Pupa	2R:-:4205347-4205300	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_23063	ALQSVGQIVGEVLK	AGAP001407-PA	-	41	0.000179501	2	1440.854	8.27	Larva	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_25558	KIEIPLPNEQAR	AGAP001407-PA	-	36	0.001005682	1	1407.797	1	Malpighian tubule	2R:-:4205047-4205012	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_29746	AVASQLDANFLK	AGAP001407-PA	-	42	0.000818635	1	1276.688	-1.35	Visceras	2R:-:4205383-4205348	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_30889	NVCTEAGLFAIR	AGAP001407-PA	C3(Carbamidomethyl)	79	2.15E-07	2	1350.685	0.82	Male reproductive organs	2R:-:4204906-4204871	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_31439	AVASQLDANFLK	AGAP001407-PA	-	42	0.000824337	2	1276.690	-0.11	Pupa	2R:-:4205383-4205348	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_32376	EVIELPLLNPELFLR	AGAP001407-PA	-	71	1.45E-07	2	1795.043	3.84	Midgut	2R:-:4205500-4205456	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_34683	VVSSAIVDKYIGESAR	AGAP001407-PA	-	125	2.02E-12	1	1693.918	3.7	Ovary	2R:-:4205347-4205300	exon=> In CDS Exon 3 of transcript AGAP001407-PA

JHU_Ag_38711	VVSSAIVDKYIGESAR	AGAP001407-PA	-	114	2.92E-11	2	1693.909	-1.78	Head	2R:-:4205347-4205300	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_38815	HGDIDYEAVVK	AGAP001407-PA	-	78	2.64E-07	2	1245.613	1.93	Ovary	2R:-:4204972-4204940	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_42190	ALQSVGQIVGEVLK	AGAP001407-PA	-	59	3.39E-06	2	1440.847	3.44	Visceras	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_42264	AVASQLDANFLK	AGAP001407-PA	-	88	2.36E-08	1	1276.690	0.27	Male reproductive organs	2R:-:4205383-4205348	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_42389	EVDPLVYNMSHEDPGEVTYSAIGGLSEQIR	AGAP001407-PA	M9(Oxidation)	131	8.90E-13	1	3305.575	3.62	Head	2R:-:4205599-4205510	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_49509	IHAAPIAK	AGAP001407-PA	-	39	0.000604 6	1	820.505	0.7	Malpighian tubule	2R:-:4204996-4204973	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_49605	ALQSVGQIVGEVLK	AGAP001407-PA	-	48	5.60E-05	2	1440.838	-2.99	Salivary gland	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_51672	AVASQLDANFLK	AGAP001407-PA	-	95	3.94E-09	1	1276.690	0.08	Malpighian tubule	2R:-:4205383-4205348	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_52325	AVASQLDANFLK	AGAP001407-PA	-	86	3.42E-08	1	1276.690	0.18	Ovary	2R:-:4205383-4205348	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_55625	MIMATNRPDTLDPALLRPGR	AGAP001407-PA	M1(Oxidation), M3(Oxidation)	42	0.000906 857	1	2270.166	-3.79	Ovary	2R:-:4205116-4205057	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_61532	KIEIPLPNEQAR	AGAP001407-PA	-	45	0.000115 629	1	1407.799	2.48	Ovary	2R:-:4205047-4205012	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_64379	VALDMTTLTIMR	AGAP001407-PA	M5(Oxidation), M11(Oxidation)	74	5.20E-07	1	1396.719	0.91	Ovary	2R:-:4205647-4205612	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_67664	ALQSVGQIVGEVLK	AGAP001407-PA	-	108	4.70E-11	1	1440.842	0.14	Male reproductive organs	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_68563	ALEDYRK	AGAP001407-PA	-	41	0.001271 395	1	894.465	-3.67	Head	2R:-:4206091-4206071	exon=> In CDS Exon 1 of transcript AGAP001407-PA
JHU_Ag_72130	EVIELPLLNPELFLR	AGAP001407-PA	-	86	5.85E-09	1	1795.040	1.87	Malpighian tubule	2R:-:4205500-4205456	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_72164	LLEHKEVESR	AGAP001407-PA	-	51	7.27E-05	1	1239.670	0.36	Malpighian tubule	2R:-:4206067-4206038	exon=> In CDS Exon 1 of transcript AGAP001407-PA
JHU_Ag_79557	KIEIPLPNEQAR	AGAP001407-PA	-	62	2.20E-06	1	1407.796	0.66	Male reproductive organs	2R:-:4205047-4205012	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_82579	NVCTEAGLFAIR	AGAP001407-PA	C3(Carbamidomethyl)	45	0.000521 961	1	1350.687	2.35	Salivary gland	2R:-:4204906-4204871	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_82689	TLMELLNQMDGFDSLGQVK	AGAP001407-PA	M3(Oxidation), M9(Oxidation)	61	1.27E-05	2	2171.041	2.11	Male reproductive organs	2R:-:4205173-4205117	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_83921	ALQSVGQIVGEVLK	AGAP001407-PA	-	111	2.47E-11	1	1440.842	-0.11	Midgut	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_85485	EVIELPLLNPELFLR	AGAP001407-PA	-	94	9.23E-10	1	1795.039	1.53	Ovary	2R:-:4205500-4205456	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_86150	ALQSVGQIVGEVLK	AGAP001407-PA	-	106	7.82E-11	2	1440.846	2.43	Pupa	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_87850	VGITPPK	AGAP001407-PA	-	38	0.000235 162	2	711.441	1.03	Male reproductive organs	2R:-:4205455-4205435	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_90391	HGDIDYEAVVK	AGAP001407-PA	-	87	2.78E-08	1	1245.607	-3.55	Head	2R:-:4204972-4204940	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_90520	ALQSVGQIVGEVLK	AGAP001407-PA	-	88	4.28E-09	1	1440.843	0.39	Malpighian tubule	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_92179	QLTEDKFIVK	AGAP001407-PA	-	34	0.002643 329	1	1220.688	-0.72	Ovary	2R:-:4205817-4205918,4204769-4205723	exon=> In CDS Exon 3 and 2 of transcript AGAP001407-PA
JHU_Ag_93318	NVCTEAGLFAIR	AGAP001407-PA	N1(Deamidated), C3(Carbamidomethyl),C3(Carbamidomethyl)	63	9.66E-06	1	1351.685	12.64	Ovary	2R:-:4204906-4204871	exon=> In CDS Exon 3 of transcript AGAP001407-PA

JHU_Ag_93848	VGITPPKGCLLYGPPGTGK	AGAP001407-PA	C9(Carbamidomethyl)	43	0.000315393	1	1912.040	2.1	Malpighian tubule	2R:-:4205455-4205399	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_95767	EVDPLVYNMSHEDPGEVTYSAIGGLSEQIR	AGAP001407-PA	M9(Oxidation)	138	1.84E-13	1	3321.555	-0.89	Ovary	2R:-:4205599-4205510	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_98784	HGDIDYEAVVK	AGAP001407-PA	-	77	2.73E-07	1	1245.612	0.95	Malpighian tubule	2R:-:4204972-4204940	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_99732	LSDNFNGADLR	AGAP001407-PA	-	63	5.91E-06	2	1221.585	-0.43	Male reproductive organs	2R:-:4204939-4204907	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_101694	AVASQLDANFLK	AGAP001407-PA	-	67	3.12E-06	1	1276.687	-2.31	Head	2R:-:4205383-4205348	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_102599	LSDNFNGADLR	AGAP001407-PA	-	82	9.30E-08	1	1221.590	3.17	Ovary	2R:-:4204939-4204907	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_104438	ALQSVGQIVGEVLK	AGAP001407-PA	-	95	8.56E-10	1	1440.845	1.75	Head	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_104620	VVSSAIVDKYIGESAR	AGAP001407-PA	-	125	2.21E-12	1	1693.916	2.18	Malpighian tubule	2R:-:4205347-4205300	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_108146	IHAAPIAK	AGAP001407-PA	-	38	0.000615841	1	820.505	0.62	Ovary	2R:-:4204996-4204973	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_109584	EVIELPLLNPELFLR	AGAP001407-PA	-	53	9.89E-06	2	1795.043	3.36	Pupa	2R:-:4205500-4205456	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_111565	ALQSVGQIVGEVLK	AGAP001407-PA	-	107	6.20E-11	1	1440.841	-0.45	Ovary	2R:-:4205859-4205818	exon=> In CDS Exon 2 of transcript AGAP001407-PA
JHU_Ag_112683	MIMATNRPDTLDPALLRPGR	AGAP001407-PA	M3(Oxidation),"M1(Oxidation),M3(Oxidation)",M1(Oxidation)	57	2.31E-05	1	2254.182	0.86	Head	2R:-:4205116-4205057	exon=> In CDS Exon 3 of transcript AGAP001407-PA
JHU_Ag_1045	YVPLDLRPK	AGAP001408-PA	-	53	4.81E-05	1	1100.646	-0.68	Midgut	2R:+:4206866-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_2997	VYIVMNTK	AGAP001408-PA	M5(Oxidation)	48	0.000139988	1	967.529	0.49	Midgut	2R:+:4206803-4206826	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_4153	KYVPLDLRPK	AGAP001408-PA	-	65	1.10E-06	1	1228.741	-0.34	Midgut	2R:+:4206863-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_4772	KYVPLDLRPK	AGAP001408-PA	-	58	4.99E-06	1	1228.741	-0.27	Visceras	2R:+:4206863-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_17180	YVPLDLRPK	AGAP001408-PA	-	48	0.000180693	1	1100.644	-2.34	Head	2R:+:4206866-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_32997	VYIVMNTK	AGAP001408-PA	M5(Oxidation)	49	0.000125487	1	983.527	4.03	Head	2R:+:4206803-4206826	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_44879	YVPLDLRPK	AGAP001408-PA	-	53	4.91E-05	1	1100.647	0.54	Pupa	2R:+:4206866-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_46576	VYIVMNTK	AGAP001408-PA	M5(Oxidation)	55	2.76E-05	1	983.521	-2.06	Pupa	2R:+:4206803-4206826	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_48900	KYVPLDLRPK	AGAP001408-PA	-	65	1.21E-06	1	1228.740	-1.16	Pupa	2R:+:4206863-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_53624	VTGGAPSKLSK	AGAP001408-PA	-	57	2.40E-05	1	1044.607	1.93	Malpighian tubule	2R:+:4206740-4206772	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_57988	VYIVMNTK	AGAP001408-PA	M5(Oxidation)	58	1.41E-05	1	967.529	0.36	Malpighian tubule	2R:+:4206803-4206826	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_63247	KYVPLDLRPK	AGAP001408-PA	-	31	0.0016805	1	1228.745	2.71	Ovary	2R:+:4206863-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_78316	VYIVMNTK	AGAP001408-PA	M5(Oxidation)	36	0.002636534	1	983.524	0.55	Ovary	2R:+:4206803-4206826	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_81580	KYVPLDLRPK	AGAP001408-PA	-	63	1.64E-06	1	1228.738	-2.58	Head	2R:+:4206863-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_82976	YVPLDLRPK	AGAP001408-PA	-	53	2.88E-05	1	1100.649	2.65	Malpighian tubule	2R:+:4206866-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA

JHU_Ag_84804	KYVPLDLRPK	AGAP001408-PA	-	43	0.000203799	1	1228.744	2.19	Larva	2R:+:4206863-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_85699	KYVPLDLRPK	AGAP001408-PA	-	56	5.72E-06	1	1228.745	2.86	Malpighian tubule	2R:+:4206863-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_90021	YVPLDLRPK	AGAP001408-PA	-	44	0.000413436	1	1100.647	0.76	Visceras	2R:+:4206866-4206892	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_112805	VYIVMNTK	AGAP001408-PA	M5(Oxidation)	55	3.33E-05	1	983.523	0.43	Larva	2R:+:4206803-4206826	exon=> In CDS Exon 1 of transcript AGAP001408-PA
JHU_Ag_40183	RFSDQEIHEDDK	AGAP001409-PA	-	48	0.000157398	2	1518.679	-2.13	Head	2R:-:4211345-4211310	exon=> In CDS Exon 3 of transcript AGAP001409-PA
JHU_Ag_76003	GEFHYVK	AGAP001409-PA	-	38	0.002236526	1	879.434	-2.07	Head	2R:-:4211255-4211235	exon=> In CDS Exon 3 of transcript AGAP001409-PA
JHU_Ag_79133	TRDPVHYFLP	AGAP001409-PA	-	49	0.000195745	1	1244.644	1.17	Head	2R:-:4211114-4211085	exon=> In CDS Exon 3 of transcript AGAP001409-PA
JHU_Ag_30515	DQEDESYPTQLAR	AGAP001414-PA	-	60	1.12E-05	2	1551.695	1.79	Head	2R:-:4564247-4564209	exon=> In CDS Exon 2 of transcript AGAP001414-PA
JHU_Ag_47838	GIFEFSESFVK	AGAP001415-PA	-	41	0.001418389	2	1289.641	-0.2	Head	2R:-:4578908-4578876	exon=> In CDS Exon 5 of transcript AGAP001415-PA
JHU_Ag_61118	VDVSFTSFSLR	AGAP001415-PA	-	85	4.37E-08	2	1257.649	1.13	Head	2R:-:4583949-4583917	exon=> In CDS Exon 2 of transcript AGAP001415-PA
JHU_Ag_93781	ESTGFVYSPNYPFPYIPK	AGAP001415-PA	-	38	0.002658835	1	2106.033	5.5	Head	2R:-:4578724-4578671	exon=> In CDS Exon 6 of transcript AGAP001415-PA
JHU_Ag_24544	DGAISFEDYRK	AGAP001416-PA	-	70	1.24E-06	1	1300.619	1.7	Male reproductive organs	2R:-:4586751-4586719	exon=> In CDS Exon 1 of transcript AGAP001416-PA
JHU_Ag_73465	DFLMVLMR	AGAP001416-PA	M4(Oxidation), M7(Oxidation)	53	5.59E-05	1	1056.522	-0.06	Male reproductive organs	2R:-:4586859-4586836	exon=> In CDS Exon 1 of transcript AGAP001416-PA
JHU_Ag_78932	ILKNDPDAAGGQISR	AGAP001416-PA	-	67	1.83E-06	1	1554.831	4.79	Male reproductive organs	2R:-:4587120-4587076	exon=> In CDS Exon 1 of transcript AGAP001416-PA
JHU_Ag_17001	FIEYHHMGGK	AGAP001417-PA	M7(Oxidation)	53	5.36E-05	2	1234.563	-3.83	Head	2R:-:4658597-4658568	exon=> In CDS Exon 2 of transcript AGAP001417-PA
JHU_Ag_23229	NLLLFACHITNTTAQALQGAR	AGAP001417-PA	C7(Carbamidomethyl)	119	1.29E-11	2	2313.222	3.64	Visceras	2R:-:4658660-4658598	exon=> In CDS Exon 2 of transcript AGAP001417-PA
JHU_Ag_48882	KLLNNLK	AGAP001417-PA	N5(Deamidated),N4(Deamidated)	33	0.003113894	2	843.529	-1.2	Malpighian tubule	2R:-:4658927-4658907	exon=> In CDS Exon 1 of transcript AGAP001417-PA
JHU_Ag_63644	FIEYHHMGGK	AGAP001417-PA	-	44	0.000466041	3	1218.572	-0.47	Visceras	2R:-:4658597-4658568	exon=> In CDS Exon 2 of transcript AGAP001417-PA
JHU_Ag_78246	NLLLFACHITNTTAQALQGAR	AGAP001417-PA	C7(Carbamidomethyl)	48	0.000210274	1	2313.206	-3.17	Midgut	2R:-:4658660-4658598	exon=> In CDS Exon 2 of transcript AGAP001417-PA
JHU_Ag_108478	NLLLFACHITNTTAQALQGAR	AGAP001417-PA	C7(Carbamidomethyl)	74	4.25E-07	1	2313.219	2.45	Malpighian tubule	2R:-:4658660-4658598	exon=> In CDS Exon 2 of transcript AGAP001417-PA
JHU_Ag_109499	NLLLFACHITNTTAQALQGAR	AGAP001417-PA	C7(Carbamidomethyl)	108	1.92E-10	2	2313.217	1.74	Head	2R:-:4658660-4658598	exon=> In CDS Exon 2 of transcript AGAP001417-PA
JHU_Ag_3854	DLTLPEDSVSHLPDIK	AGAP001418-PA	-	80	1.22E-07	2	1778.914	-1.78	Head	2R:-:4667290-4667243	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_7581	TALLHLHNMALSR	AGAP001418-PA	M9(Oxidation)	66	2.96E-06	1	1492.807	1.3	Head	2R:-:4667209-4667171	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_11460	TGEEYIDKPFFR	AGAP001418-PA	-	74	5.63E-07	1	1501.734	0.92	Salivary gland	2R:-:4665544-4665509	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_18452	AFFWSYILQSR	AGAP001418-PA	-	87	3.96E-08	2	1417.731	3.2	Salivary gland	2R:-:4667170-4667138	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_20484	KFNLEDLAR	AGAP001418-PA	-	58	1.94E-05	2	1105.603	2.7	Malpighian tubule	2R:-:4665580-4665554	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_23263	IWSATTLWDR	AGAP001418-PA	-	64	7.25E-06	2	1248.641	2.98	Head	2R:-:4665673-4665644	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_28067	GPNIFADTAR	AGAP001418-PA	-	47	0.000355761	2	1061.538	0.72	Salivary gland	2R:-:4666374-4666345	exon=> In CDS Exon 2 of transcript AGAP001418-PA

JHU_Ag_28100	VPIKWFR	AGAP001418-PA	-	35	0.001777788	1	945.569	2.01	Malpighian tubule	2R:-:4666069-4666049	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_32089	ASDEQFYNGFDCMK	AGAP001418-PA	C12(Carbamidomethyl), M13(Oxidation)	66	3.01E-07	2	1727.678	6.21	Malpighian tubule	2R:-:4666206-4666165	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_32768	TYREDDFNDPIHLQK	AGAP001418-PA	-	68	2.09E-06	1	1890.904	3.18	Malpighian tubule	2R:-:4666951-4666907	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_34719	DLGAFPPDSALHDYTIK	AGAP001418-PA	-	65	4.89E-06	1	1859.926	4.75	Ovary	2R:-:4666876-4666826	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_34840	RPYLGEILER	AGAP001418-PA	-	39	0.001183132	1	1245.697	1.82	Salivary gland	2R:-:4666236-4666207	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_35121	DAFDEIKVR	AGAP001418-PA	-	53	6.14E-05	1	1092.575	6.1	Malpighian tubule	2R:-:4667362-4667336	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_35293	GPNIFADTAR	AGAP001418-PA	-	38	0.002986388	2	1061.537	-0.54	Ovary	2R:-:4666374-4666345	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_35408	SNKWLVAAVTPIADIYPR	AGAP001418-PA	-	44	0.000144805	2	2014.129	8.3	Malpighian tubule	2R:-:4666627-4666574	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_41791	KFNLEDLAR	AGAP001418-PA	-	58	2.26E-05	2	1105.600	-0.39	Salivary gland	2R:-:4665580-4665554	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_43869	HINASAIYFAPNSSFSSSYR	AGAP001418-PA	N3(Deamidated), N12(Deamidated)	34	0.004377991	1	2221.010	-4.37	Head	2R:-:4667050-4666991	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_45298	AFFWSYILQSR	AGAP001418-PA	-	52	0.0001178	2	1417.727	0.62	Ovary	2R:-:4667170-4667138	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_47616	WLVAAVTPIADIYPR	AGAP001418-PA	-	84	1.79E-08	2	1684.946	2.32	Salivary gland	2R:-:4666618-4666574	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_52713	ISTLNTFYVR	AGAP001418-PA	-	50	0.000125472	2	1213.663	4.17	Malpighian tubule	2R:-:4666906-4666877	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_55838	ISTLNTFYVR	AGAP001418-PA	-	64	5.05E-06	2	1213.658	0.65	Ovary	2R:-:4666906-4666877	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_57283	RPYLGEILER	AGAP001418-PA	-	38	0.001363715	1	1245.699	2.89	Ovary	2R:-:4666236-4666207	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_58650	DLTLPEDSVSHLPDIK	AGAP001418-PA	-	61	1.10E-05	1	1778.918	0.69	Ovary	2R:-:4667290-4667243	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_60240	RPYLGEILER	AGAP001418-PA	-	49	0.000114152	1	1245.701	4.76	Malpighian tubule	2R:-:4666236-4666207	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_60734	VADKPLTEDQMMGETLALVLGNTR	AGAP001418-PA	M11(Oxidation), M12(Oxidation)	44	0.000532373	1	2634.315	1.23	Ovary	2R:-:4665745-4665674	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_61652	RPYLGEILER	AGAP001418-PA	-	51	8.61E-05	2	1245.689	-4.95	Head	2R:-:4666236-4666207	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_64789	TYREDDFNDPIHLQK	AGAP001418-PA	-	70	1.36E-06	1	1890.899	0.37	Head	2R:-:4666951-4666907	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_66417	TYREDDFNDPIHLQK	AGAP001418-PA	-	39	0.001929159	1	1890.898	0.18	Salivary gland	2R:-:4666951-4666907	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_71580	DLGAFPPDSALHDYTIK	AGAP001418-PA	-	53	8.06E-05	1	1859.919	0.94	Head	2R:-:4666876-4666826	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_77296	TGEEYIDKPFFR	AGAP001418-PA	-	72	8.11E-07	1	1501.735	2.02	Ovary	2R:-:4665544-4665509	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_81387	WLVAAVTPIADIYPR	AGAP001418-PA	-	64	2.05E-06	2	1684.945	1.52	Ovary	2R:-:4666618-4666574	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_87254	ISTLNTFYVR	AGAP001418-PA	-	79	1.60E-07	1	1213.660	1.96	Salivary gland	2R:-:4666906-4666877	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_88926	TLFGPYAYK	AGAP001418-PA	-	36	0.003883181	1	1059.551	-0.14	Ovary	2R:-:4665625-4665599	exon=> In CDS Exon 3 of transcript AGAP001418-PA
JHU_Ag_91500	ETTECEPIDGWGFR	AGAP001418-PA	C5(Carbamidomethyl)	44	0.000310905	1	1696.730	1.35	Ovary	2R:-:4666335-4666294	exon=> In CDS Exon 2 of transcript AGAP001418-PA

JHU_Ag_92966	SSYCVPILGR	AGAP001418-PA	C4(Carbamidomethyl)	61	1.13E-05	2	1151.588	0.23	Ovary	2R:-:4664954-4665063,4663904-4664156	exon=> In CDS Exon 5 and 4 of transcript AGAP001418-PA
JHU_Ag_94618	WLVAAVTPIADIYPR	AGAP001418-PA	-	58	7.64E-06	2	1684.945	1.67	Pupa	2R:-:4666618-4666574	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_96546	ASDEQFYNGFDCMK	AGAP001418-PA	C12(Carbamidomethyl), M13(Oxidation)	44	4.59E-05	2	1727.676	4.86	Salivary gland	2R:-:4666206-4666165	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_102699	DLTLPEDSVSHLPDIK	AGAP001418-PA	-	41	0.000935201	2	1778.927	5.43	Larva	2R:-:4667290-4667243	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_108150	ETTECEPIDGWGFR	AGAP001418-PA	C5(Carbamidomethyl)	45	0.000266373	2	1696.728	0.7	Salivary gland	2R:-:4666335-4666294	exon=> In CDS Exon 2 of transcript AGAP001418-PA
JHU_Ag_112616	WLVAAVTPIADIYPR	AGAP001418-PA	-	68	7.01E-07	2	1684.948	3.48	Head	2R:-:4666618-4666574	exon=> In CDS Exon 1 of transcript AGAP001418-PA
JHU_Ag_5813	ELNNYEIKPGNCLK	AGAP001419-PB	C12(Carbamidomethyl)	66	4.74E-06	1	1691.843	0.29	Ovary	2R:+:4708164-4708166,4711718-4711756	exon=> In CDS Exon 4 and 5 of transcript AGAP001419-PB
JHU_Ag_8529	GKEEILDEFGK	AGAP001419-PB	-	57	3.25E-05	2	1264.643	0.86	Male reproductive organs	2R:+:4711814-4711846	exon=> In CDS Exon 5 of transcript AGAP001419-PB
JHU_Ag_75825	ELNNYEIKPGNCLK	AGAP001419-PB	C12(Carbamidomethyl)	62	1.36E-05	1	1691.838	-2.73	Male reproductive organs	2R:+:4708164-4708166,4711718-4711756	exon=> In CDS Exon 4 and 5 of transcript AGAP001419-PB
JHU_Ag_81869	GKEEILDEFGK	AGAP001419-PB	-	77	3.12E-07	1	1264.639	-2.14	Head	2R:+:4711814-4711846	exon=> In CDS Exon 5 of transcript AGAP001419-PB
JHU_Ag_87945	INVSVPNLR	AGAP001419-PB	-	51	3.04E-05	2	1011.595	-0.07	Male reproductive organs	2R:+:4711757-4711783	exon=> In CDS Exon 5 of transcript AGAP001419-PB
JHU_Ag_95949	INVSVPNLR	AGAP001419-PB	-	38	0.000558553	2	1011.594	-0.31	Ovary	2R:+:4711757-4711783	exon=> In CDS Exon 5 of transcript AGAP001419-PB
JHU_Ag_103125	INVSVPNLR	AGAP001419-PB	-	30	0.003813229	1	1011.592	-2.3	Head	2R:+:4711757-4711783	exon=> In CDS Exon 5 of transcript AGAP001419-PB
JHU_Ag_2986	LKESFEQFGR	AGAP001419-PB,AGAP001419-PC	-	45	0.000335134	1	1240.633	0.69	Ovary	2R:+:4717983-4717988,4718080-4718103;2R:+:4717983-4717988,4718080-4718103	exon=> In CDS Exon 7 and 8 of transcript AGAP001419-PB;exon=> In CDS Exon 7 and 8 of transcript AGAP001419-PC
JHU_Ag_3871	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	-	50	8.12E-05	2	1594.859	2.89	Larva	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_6789	EVGGSNIEVSLAKPPSDK	AGAP001419-PB,AGAP001419-PC	-	98	2.03E-09	2	1826.951	0.99	Malpighian tubule	2R:+:4718197-4718220,4718295-4718324;2R:+:4718197-4718220,4718295-4718324	exon=> In CDS Exon 8 and 9 of transcript AGAP001419-PB;exon=> In CDS Exon 8 and 9 of transcript AGAP001419-PC
JHU_Ag_8584	MTQFLQTR	AGAP001419-PB,AGAP001419-PC	-	43	0.000453233	2	1024.526	1.42	Malpighian tubule	2R:+:4718364-4718387;2R:+:4718364-4718387	exon=> In CDS Exon 9 of transcript AGAP001419-PB;exon=> In CDS Exon 9 of transcript AGAP001419-PC
JHU_Ag_8871	LAHSELDER	AGAP001419-PB,AGAP001419-PC	-	43	0.000645711	1	1069.521	-6.32	Head	2R:+:4707467-4707493;2R:+:4707467-4707493	exon=> In CDS Exon 2 of transcript AGAP001419-PB;exon=> In CDS Exon 2 of transcript AGAP001419-PC
JHU_Ag_10830	DMYEDELIPLFEK	AGAP001419-PB,AGAP001419-PC	-	81	1.01E-07	1	1641.779	4.34	Malpighian tubule	2R:+:4708014-4708052;2R:+:4708014-4708052	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_11179	DAASNAVR	AGAP001419-PB,AGAP001419-PC	-	44	0.000782985	2	803.400	-0.42	Ovary	2R:+:4708140-4708163;2R:+:4708140-4708163	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC

JHU_Ag_13677	GYAFVTFTSR	AGAP001419-PB,AGAP001419-PC	-	55	6.19E-05	2	1148.573	-0.31	Ovary	2R:+:4708110-4708139;2R:+:4708110-4708139	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_13970	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	-	112	6.30E-11	1	1594.855	-0.18	Visceras	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_14012	GFCFLEYESHK	AGAP001419-PB,AGAP001419-PC	C3(Carbamidomethyl)	50	6.82E-05	1	1416.627	0.85	Head	2R:+:4717687-4717719;2R:+:4717687-4717719	exon=> In CDS Exon 6 of transcript AGAP001419-PB;exon=> In CDS Exon 6 of transcript AGAP001419-PC
JHU_Ag_15439	IPKDMYEDELIPLFEK	AGAP001419-PB,AGAP001419-PC	M5(Oxidation)	61	1.09E-05	1	1996.004	2.56	Malpighian tubule	2R:+:4708005-4708052;2R:+:4708005-4708052	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_15870	DYAFVHFEDR	AGAP001419-PB,AGAP001419-PC	-	69	1.20E-06	1	1298.580	0.23	Head	2R:+:4718128-4718157;2R:+:4718128-4718157	exon=> In CDS Exon 8 of transcript AGAP001419-PB;exon=> In CDS Exon 8 of transcript AGAP001419-PC
JHU_Ag_19216	DMYEDELIPLFEK	AGAP001419-PB,AGAP001419-PC	M2(Oxidation)	52	8.80E-05	2	1657.779	7.66	Salivary gland	2R:+:4708014-4708052;2R:+:4708014-4708052	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_20772	GFCFLEYESHK	AGAP001419-PB,AGAP001419-PC	C3(Carbamidomethyl)	46	0.000161742	2	1416.626	0.42	Male reproductive organs	2R:+:4717687-4717719;2R:+:4717687-4717719	exon=> In CDS Exon 6 of transcript AGAP001419-PB;exon=> In CDS Exon 6 of transcript AGAP001419-PC
JHU_Ag_21463	TGYTLDVTTGQR	AGAP001419-PB,AGAP001419-PC	-	55	3.80E-05	2	1311.654	-0.27	Midgut	2R:+:4707799-4707826,4707925-4707932;2R:+:4707799-4707826,4707925-4707932	exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PC
JHU_Ag_24709	LLEYGLHK	AGAP001419-PB,AGAP001419-PC	-	47	0.000268329	1	972.552	0.5	Head	2R:+:4707312-4707335;2R:+:4707312-4707335	exon=> In CDS Exon 1 of transcript AGAP001419-PB;exon=> In CDS Exon 1 of transcript AGAP001419-PC
JHU_Ag_25304	TGYTLDVTTGQR	AGAP001419-PB,AGAP001419-PC	-	64	5.28E-06	1	1311.655	0.48	Ovary	2R:+:4707799-4707826,4707925-4707932;2R:+:4707799-4707826,4707925-4707932	exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PC
JHU_Ag_27773	RMTQFLQTR	AGAP001419-PB,AGAP001419-PC	-	34	0.004156213	2	1180.625	-0.56	Ovary	2R:+:4718361-4718387;2R:+:4718361-4718387	exon=> In CDS Exon 9 of transcript AGAP001419-PB;exon=> In CDS Exon 9 of transcript AGAP001419-PC
JHU_Ag_28760	TGYTLDVTTGQR	AGAP001419-PB,AGAP001419-PC	-	101	8.29E-10	1	1311.658	2.8	Malpighian tubule	2R:+:4707799-4707826,4707925-4707932;2R:+:4707799-4707826,4707925-4707932	exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PC
JHU_Ag_28968	AEGNGEVVEEMANQK	AGAP001419-PB,AGAP001419-PC	N-Term(Acetyl), N4(Deamidated), M11(Oxidation)	56	1.69E-05	1	1663.720	4.95	Malpighian tubule	2R:+:4707222-4707266;2R:+:4707222-4707266	exon=> In CDS Exon 1 of transcript AGAP001419-PB;exon=> In CDS Exon 1 of transcript AGAP001419-PC
JHU_Ag_31363	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	-	87	1.82E-08	1	1594.862	4.49	Salivary gland	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_32118	AEGNGEVVEEMANQK	AGAP001419-PB,AGAP001419-PC	N-Term(Acetyl)	74	3.52E-07	2	1646.739	4.06	Malpighian tubule	2R:+:4707222-4707266;2R:+:4707222-4707266	exon=> In CDS Exon 1 of transcript AGAP001419-PB;exon=> In CDS Exon 1 of transcript AGAP001419-PC

JHU_Ag_32144	DYAFVHFEDR	AGAP001419-PB,AGAP001419-PC	-	66	2.31E-06	1	1298.582	1.17	Malpighian tubule	2R:+:4718128-4718157;2R:+:4718128-4718157	exon=> In CDS Exon 8 of transcript AGAP001419-PB;exon=> In CDS Exon 8 of transcript AGAP001419-PC
JHU_Ag_35529	AEGNGEVVEEMANQK	AGAP001419-PB,AGAP001419-PC	N-Term(Acetyl), N4(Deamidated), M11(Oxidation)	61	3.83E-06	2	1663.707	-3.05	Midgut	2R:+:4707222-4707266;2R:+:4707222-4707266	exon=> In CDS Exon 1 of transcript AGAP001419-PB;exon=> In CDS Exon 1 of transcript AGAP001419-PC
JHU_Ag_35811	DMYEDELIPLFEK	AGAP001419-PB,AGAP001419-PC	M2(Oxidation)	95	5.04E-09	1	1657.772	3.39	Head	2R:+:4708014-4708052;2R:+:4708014-4708052	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_38097	TGYTLDVTTGQR	AGAP001419-PB,AGAP001419-PC	-	67	2.49E-06	1	1311.655	0.76	Salivary gland	2R:+:4707799-4707826,4707925-4707932;2R:+:4707799-4707826,4707925-4707932	exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PC
JHU_Ag_44799	AEGNGEVVEEMANQK	AGAP001419-PB,AGAP001419-PC	N-Term(Acetyl), M11(Oxidation)	72	4.29E-07	1	1662.731	1.94	Malpighian tubule	2R:+:4707222-4707266;2R:+:4707222-4707266	exon=> In CDS Exon 1 of transcript AGAP001419-PB;exon=> In CDS Exon 1 of transcript AGAP001419-PC
JHU_Ag_48487	EVGGSNIEVSLAKPPSDK	AGAP001419-PB,AGAP001419-PC	-	100	1.11E-09	1	1826.954	2.19	Head	2R:+:4718197-4718220,4718295-4718324;2R:+:4718197-4718220,4718295-4718324	exon=> In CDS Exon 8 and 9 of transcript AGAP001419-PB;exon=> In CDS Exon 8 and 9 of transcript AGAP001419-PC
JHU_Ag_51028	EFHVEGALDVLDQFLDSNLEHVSNK	AGAP001419-PB,AGAP001419-PC	-	86	3.30E-08	1	2855.395	3.65	Midgut	2R:+:4707512-4707586;2R:+:4707512-4707586	exon=> In CDS Exon 2 of transcript AGAP001419-PB;exon=> In CDS Exon 2 of transcript AGAP001419-PC
JHU_Ag_52823	TGYTLDVTTGQR	AGAP001419-PB,AGAP001419-PC	-	46	0.000330575	2	1311.655	0.85	Pupa	2R:+:4707799-4707826,4707925-4707932;2R:+:4707799-4707826,4707925-4707932	exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PC
JHU_Ag_53716	EFHVEGALDVLDQFLDSNLEHVSNK	AGAP001419-PB,AGAP001419-PC	-	162	8.88E-16	1	2855.392	2.5	Malpighian tubule	2R:+:4707512-4707586;2R:+:4707512-4707586	exon=> In CDS Exon 2 of transcript AGAP001419-PB;exon=> In CDS Exon 2 of transcript AGAP001419-PC
JHU_Ag_59765	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	-	95	2.56E-09	1	1594.862	4.42	Male reproductive organs	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_62096	DMYEDELIPLFEK	AGAP001419-PB,AGAP001419-PC	-	63	6.98E-06	2	1641.776	2.41	Ovary	2R:+:4708014-4708052;2R:+:4708014-4708052	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_62879	GFCFLEYESHK	AGAP001419-PB,AGAP001419-PC	C3(Carbamidomethyl)	70	6.70E-07	1	1416.627	1.54	Midgut	2R:+:4717687-4717719;2R:+:4717687-4717719	exon=> In CDS Exon 6 of transcript AGAP001419-PB;exon=> In CDS Exon 6 of transcript AGAP001419-PC
JHU_Ag_62954	LKESFEQFGR	AGAP001419-PB,AGAP001419-PC	-	57	2.25E-05	1	1240.633	0.5	Male reproductive organs	2R:+:4717983-4717988,4718080-4718103;2R:+:4717983-4717988,4718080-4718103	exon=> In CDS Exon 7 and 8 of transcript AGAP001419-PB;exon=> In CDS Exon 7 and 8 of transcript AGAP001419-PC
JHU_Ag_63176	NLTQDTSEEK	AGAP001419-PB,AGAP001419-PC	-	36	0.003807819	2	1164.538	-0.35	Head	2R:+:4717953-4717982;2R:+:4717953-4717982	exon=> In CDS Exon 7 of transcript AGAP001419-PB;exon=> In CDS Exon 7 of transcript AGAP001419-PC

JHU_Ag_64723	GYAFVTFTSR	AGAP001419-PB,AGAP001419-PC	-	73	9.04E-07	2	1148.576	2.24	Salivary gland	2R:+:4708110-4708139;2R:+:4708110-4708139	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_67730	GFCFLEYESHK	AGAP001419-PB,AGAP001419-PC	C3(Carbamidomethyl)	49	9.14E-05	1	1416.626	0.37	Salivary gland	2R:+:4717687-4717719;2R:+:4717687-4717719	exon=> In CDS Exon 6 of transcript AGAP001419-PB;exon=> In CDS Exon 6 of transcript AGAP001419-PC
JHU_Ag_68180	EVGGSNIEVSLAKPPSDKK	AGAP001419-PB,AGAP001419-PC	-	54	4.77E-05	1	1955.037	-3.64	Head	2R:+:4718197-4718220,4718295-4718327;2R:+:4718197-4718220,4718295-4718327	exon=> In CDS Exon 8 and 9 of transcript AGAP001419-PB;exon=> In CDS Exon 8 and 9 of transcript AGAP001419-PC
JHU_Ag_73040	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	Q6(Deamidated)	104	3.55E-10	1	1594.858	1.81	Head	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_73073	GYAFVTFTSR	AGAP001419-PB,AGAP001419-PC	-	47	0.000386 2	2	1148.575	1.29	Head	2R:+:4708110-4708139;2R:+:4708110-4708139	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_75127	LAHSELDER	AGAP001419-PB,AGAP001419-PC	-	37	0.002311 747	1	1069.526	-0.84	Ovary	2R:+:4707467-4707493;2R:+:4707467-4707493	exon=> In CDS Exon 2 of transcript AGAP001419-PB;exon=> In CDS Exon 2 of transcript AGAP001419-PC
JHU_Ag_75277	DMYEDELIPLFEK	AGAP001419-PB,AGAP001419-PC	M2(Oxidation)	66	3.46E-06	2	1657.766	-0.59	Midgut	2R:+:4708014-4708052;2R:+:4708014-4708052	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_76177	GYAFVTFTSR	AGAP001419-PB,AGAP001419-PC	-	48	0.000337 049	2	1148.574	0.75	Pupa	2R:+:4708110-4708139;2R:+:4708110-4708139	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_80881	GYAFVTFTSR	AGAP001419-PB,AGAP001419-PC	-	70	1.72E-06	2	1148.579	4.69	Malpighian tubule	2R:+:4708110-4708139;2R:+:4708110-4708139	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_84036	LDDIYK	AGAP001419-PB,AGAP001419-PC	-	38	0.001467 178	2	766.399	1.21	Malpighian tubule	2R:+:4707440-4707457;2R:+:4707440-4707457	exon=> In CDS Exon 2 of transcript AGAP001419-PB;exon=> In CDS Exon 2 of transcript AGAP001419-PC
JHU_Ag_84603	GFCFLEYESHKAASLAK	AGAP001419-PB,AGAP001419-PC	C3(Carbamidomethyl)	57	2.93E-05	1	1957.953	2.86	Malpighian tubule	2R:+:4717687-4717737;2R:+:4717687-4717737	exon=> In CDS Exon 6 of transcript AGAP001419-PB;exon=> In CDS Exon 6 of transcript AGAP001419-PC
JHU_Ag_86206	TGYTLDVTTGQR	AGAP001419-PB,AGAP001419-PC	-	62	8.44E-06	1	1311.654	0.39	Head	2R:+:4707799-4707826,4707925-4707932;2R:+:4707799-4707826,4707925-4707932	exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP001419-PC
JHU_Ag_88349	GFCFLEYESHK	AGAP001419-PB,AGAP001419-PC	C3(Carbamidomethyl)	75	1.94E-07	1	1416.627	1.54	Ovary	2R:+:4717687-4717719;2R:+:4717687-4717719	exon=> In CDS Exon 6 of transcript AGAP001419-PB;exon=> In CDS Exon 6 of transcript AGAP001419-PC
JHU_Ag_90038	LAHSELDER	AGAP001419-PB,AGAP001419-PC	-	39	0.001341 831	1	1069.531	3.29	Salivary gland	2R:+:4707467-4707493;2R:+:4707467-4707493	exon=> In CDS Exon 2 of transcript AGAP001419-PB;exon=> In CDS Exon 2 of transcript AGAP001419-PC
JHU_Ag_90359	MTQFLQTR	AGAP001419-PB,AGAP001419-PC	-	46	0.000299 508	2	1024.525	0.11	Ovary	2R:+:4718364-4718387;2R:+:4718364-4718387	exon=> In CDS Exon 9 of transcript AGAP001419-PB;exon=> In CDS Exon 9 of transcript AGAP001419-PC
JHU_Ag_92821	LLEYGLHK	AGAP001419-PB,AGAP001419-PC	-	42	0.000825 502	1	972.551	-0.57	Ovary	2R:+:4707312-4707335;2R:+:4707312-4707335	exon=> In CDS Exon 1 of transcript AGAP001419-PB;exon=> In CDS Exon 1 of transcript AGAP001419-PC

JHU_Ag_93950	SGEGGDGERTQDYSK	AGAP001419-PB,AGAP001419-PC	-	41	0.000371	1	1585.675	1.56	Malpighian tubule	2R:+:4707267-4707311;2R:+:4707267-4707311	exon=> In CDS Exon 1 of transcript AGAP001419-PB;exon=> In CDS Exon 1 of transcript AGAP001419-PC
JHU_Ag_97405	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	-	122	5.34E-12	1	1594.858	1.97	Malpighian tubule	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_103169	GYAFVTFTSR	AGAP001419-PB,AGAP001419-PC	-	79	2.33E-07	1	1148.573	-0.1	Male reproductive organs	2R:+:4708110-4708139;2R:+:4708110-4708139	exon=> In CDS Exon 4 of transcript AGAP001419-PB;exon=> In CDS Exon 4 of transcript AGAP001419-PC
JHU_Ag_105289	EFHVEGALDVLDQFLDSNLEHVSNK	AGAP001419-PB,AGAP001419-PC	-	127	3.28E-12	1	2855.392	2.37	Ovary	2R:+:4707512-4707586;2R:+:4707512-4707586	exon=> In CDS Exon 2 of transcript AGAP001419-PB;exon=> In CDS Exon 2 of transcript AGAP001419-PC
JHU_Ag_106171	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	-	54	3.72E-05	2	1594.854	-0.56	Pupa	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_110570	ATQQGQPAPAVTVQAK	AGAP001419-PB,AGAP001419-PC	-	117	2.09E-11	1	1594.856	0.59	Ovary	2R:+:4707712-4707759;2R:+:4707712-4707759	exon=> In CDS Exon 3 of transcript AGAP001419-PB;exon=> In CDS Exon 3 of transcript AGAP001419-PC
JHU_Ag_110997	DYAFVHFEDRDNAVK	AGAP001419-PB,AGAP001419-PC	-	70	1.09E-06	1	1825.847	-1.71	Head	2R:+:4718128-4718172;2R:+:4718128-4718172	exon=> In CDS Exon 8 of transcript AGAP001419-PB;exon=> In CDS Exon 8 of transcript AGAP001419-PC
JHU_Ag_1193	DRDELLEEFAK	AGAP001419-PC	-	97	3.52E-09	1	1364.673	2.45	Head	2R:+:4714025-4714057	exon=> In CDS Exon 5 of transcript AGAP001419-PC
JHU_Ag_28616	ELNDYEIR	AGAP001419-PC	-	56	3.81E-05	2	1051.509	3.06	Malpighian tubule	2R:+:4708164-4708166,4713929-4713949	exon=> In CDS Exon 4 and 5 of transcript AGAP001419-PC
JHU_Ag_54566	HAPGLVEVIIYSSPDDK	AGAP001419-PC	-	87	2.18E-08	2	1839.955	3.65	Head	2R:+:4714058-4714064,4717631-4717674	exon=> In CDS Exon 5 and 6 of transcript AGAP001419-PC
JHU_Ag_55478	HAPGLVEVIIYSSPDDK	AGAP001419-PC	-	78	1.79E-07	2	1839.954	2.59	Malpighian tubule	2R:+:4714058-4714064,4717631-4717674	exon=> In CDS Exon 5 and 6 of transcript AGAP001419-PC
JHU_Ag_55551	ELNDYEIR	AGAP001419-PC	-	36	0.004241666	2	1051.507	0.97	Head	2R:+:4708164-4708166,4713929-4713949	exon=> In CDS Exon 4 and 5 of transcript AGAP001419-PC
JHU_Ag_77147	DRDELLEEFAK	AGAP001419-PC	-	87	3.28E-08	1	1364.670	0.21	Malpighian tubule	2R:+:4714025-4714057	exon=> In CDS Exon 5 of transcript AGAP001419-PC
JHU_Ag_78949	IGVTISFNNHR	AGAP001419-PC	-	38	0.002321945	1	1257.673	2.09	Malpighian tubule	2R:+:4713962-4713994	exon=> In CDS Exon 5 of transcript AGAP001419-PC
JHU_Ag_80272	DRDELLEEFAK	AGAP001419-PC	-	83	8.46E-08	1	1364.673	2.36	Salivary gland	2R:+:4714025-4714057	exon=> In CDS Exon 5 of transcript AGAP001419-PC
JHU_Ag_81497	DRDELLEEFAK	AGAP001419-PC	-	71	1.63E-06	1	1364.671	1.38	Visceras	2R:+:4714025-4714057	exon=> In CDS Exon 5 of transcript AGAP001419-PC
JHU_Ag_91305	DRDELLEEFAK	AGAP001419-PC	-	82	1.28E-07	1	1364.672	1.73	Midgut	2R:+:4714025-4714057	exon=> In CDS Exon 5 of transcript AGAP001419-PC
JHU_Ag_96354	HAPGLVEVIIYSSPDDK	AGAP001419-PC	-	65	3.81E-06	2	1839.954	3.05	Midgut	2R:+:4714058-4714064,4717631-4717674	exon=> In CDS Exon 5 and 6 of transcript AGAP001419-PC
JHU_Ag_102135	ELNDYEIR	AGAP001419-PC	-	44	0.000550 22	2	1051.506	0.62	Salivary gland	2R:+:4708164-4708166,4713929-4713949	exon=> In CDS Exon 4 and 5 of transcript AGAP001419-PC
JHU_Ag_112047	DRDELLEEFAK	AGAP001419-PC	-	84	7.10E-08	1	1364.671	1.38	Ovary	2R:+:4714025-4714057	exon=> In CDS Exon 5 of transcript AGAP001419-PC
JHU_Ag_1444	HGESEWNQK	AGAP001420-PA	-	44	0.000284564	1	1114.491	-0.43	Midgut	2R:-:4740216-4740190	exon=> In CDS Exon 1 of transcript AGAP001420-PA

JHU_Ag_1650	HYGGLTGLNKSETAAK	AGAP001420-PA	-	110	1.72E-10	1	1646.849	-0.27	Pupa	2R:-:4739887-4739840	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_1833	FDIAHTSLLTR	AGAP001420-PA	-	63	6.22E-06	1	1273.692	1.46	Male reproductive organs	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_1881	HYGGLTGLNK	AGAP001420-PA	-	65	4.17E-06	1	1059.559	1.18	Pupa	2R:-:4739887-4739858	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_2404	TLPYWNDVIIPQLK	AGAP001420-PA	-	83	3.35E-08	1	1699.941	-0.58	Ovary	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_2589	ESGQTSIPIQK	AGAP001420-PA	-	54	7.19E-05	1	1187.624	-2.04	Head	2R:-:4739941-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_4130	YGEEQVLIWR	AGAP001420-PA	-	90	1.57E-08	1	1292.663	-0.5	Head	2R:-:4739839-4739810	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_4877	HYGGLTGLNKSETAAK	AGAP001420-PA	-	90	1.64E-08	1	1646.853	2.04	Malpighian tubule	2R:-:4739887-4739840	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_4988	HGESEWNQK	AGAP001420-PA	-	46	0.000164885	2	1114.492	0.34	Visceras	2R:-:4740216-4740190	exon=> In CDS Exon 1 of transcript AGAP001420-PA
JHU_Ag_5775	NLFCGWFDANLSDKGK	AGAP001420-PA	C4(Carbamidomethyl)	108	2.19E-10	1	1871.877	1.55	Head	2R:-:4740189-4740249,4739393-4740053	exon=> In CDS Exon 2 and 1 of transcript AGAP001420-PA
JHU_Ag_8016	GKEEALAAGK	AGAP001420-PA	-	73	1.05E-06	1	973.531	-0.18	Midgut	2R:-:4740147-4740249,4739393-4740029	exon=> In CDS Exon 2 and 1 of transcript AGAP001420-PA
JHU_Ag_11377	FLGDEETVRK	AGAP001420-PA	-	73	7.26E-07	1	1193.617	0.71	Pupa	2R:-:4739461-4739432	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_11573	HYGGLTGLNKSETAAK	AGAP001420-PA	-	110	1.83E-10	1	1646.848	-1	Head	2R:-:4739887-4739840	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_13350	TLPYWNDVIIPQLK	AGAP001420-PA	-	37	0.001016689	2	1699.945	1.86	Salivary gland	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_13569	NIIIAAHGNSLR	AGAP001420-PA	-	67	8.84E-07	1	1278.731	2.93	Male reproductive organs	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_14225	FLGDEETVR	AGAP001420-PA	-	62	1.13E-05	1	1065.522	0.57	Head	2R:-:4739461-4739435	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_15340	FDIAHTSLLTR	AGAP001420-PA	-	82	7.87E-08	1	1273.692	1.21	Salivary gland	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_16058	NLFCGWFDANLSDK	AGAP001420-PA	C4(Carbamidomethyl)	91	8.15E-09	2	1686.760	1.13	Midgut	2R:-:4740189-4740148	exon=> In CDS Exon 1 of transcript AGAP001420-PA
JHU_Ag_16604	NLFCGWFDANLSDK	AGAP001420-PA	C4(Carbamidomethyl)	84	4.23E-08	1	1686.757	-0.49	Visceras	2R:-:4740189-4740148	exon=> In CDS Exon 1 of transcript AGAP001420-PA
JHU_Ag_18888	FLGDEETVRK	AGAP001420-PA	-	60	1.49E-05	1	1193.613	-2.56	Head	2R:-:4739461-4739432	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_20554	FLGDEETVRK	AGAP001420-PA	-	38	0.002496252	2	1193.620	3.06	Midgut	2R:-:4739461-4739432	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_20879	TLPYWNDVIIPQLK	AGAP001420-PA	N6(Deamidated)	77	1.64E-07	1	1700.937	6.74	Visceras	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_21131	SFDVPPPNMEPDHAYYDAIVKDER	AGAP001420-PA	M9(Oxidation)	44	0.000394457	1	2821.276	-0.65	Pupa	2R:-:4739806-4739735	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_23314	EAGLKFDIAHTSLLTR	AGAP001420-PA	-	111	5.75E-11	1	1771.978	4.38	Malpighian tubule	2R:-:4740019-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_23764	YGEEQVLIWRR	AGAP001420-PA	-	50	0.000128135	1	1448.765	0.28	Head	2R:-:4739839-4739807	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_25177	AQVTLDSILKESGQTSIPIQK	AGAP001420-PA	-	147	6.65E-15	1	2256.254	4.34	Malpighian tubule	2R:-:4739971-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_25352	LNERHYGGLTGLNK	AGAP001420-PA	-	89	1.60E-08	1	1571.832	1.93	Malpighian tubule	2R:-:4739899-4739858	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_25857	FLGDEETVR	AGAP001420-PA	-	65	5.43E-06	1	1065.521	-0.16	Pupa	2R:-:4739461-4739435	exon=> In CDS Exon 2 of transcript AGAP001420-PA

JHU_Ag_27667	YRIVMVR	AGAP001420-PA	-	29	0.004329 91	1	936.546	0.95	Malpighian tubule	2R:-:4740237-4740217	exon=> In CDS Exon 1 of transcript AGAP001420-PA
JHU_Ag_29724	YKDDPKPNEFPMAESLK	AGAP001420-PA	M12(Oxidation)	44	0.000608 651	1	2024.969	2.57	Male reproductive organs	2R:-:4739734-4739684	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_29885	GKEEALAAGK	AGAP001420-PA	-	50	0.000190 22	1	973.531	-0.06	Head	2R:-:4740147-4740249,4739393-4740029	exon=> In CDS Exon 2 and 1 of transcript AGAP001420-PA
JHU_Ag_30756	YKDDPKPNEFPMAESLK	AGAP001420-PA	M12(Oxidation)	62	9.84E-06	1	2024.968	2.29	Malpighian tubule	2R:-:4739734-4739684	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_31781	FDIAHTSLLTR	AGAP001420-PA	-	87	2.98E-08	1	1273.690	0.02	Visceras	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_32097	NIIIAAHGNSLR	AGAP001420-PA	N9(Deamidated)	85	1.93E-08	1	1279.710	-1.18	Midgut	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_32476	NIIIAAHGNSLR	AGAP001420-PA	-	79	6.05E-08	1	1278.728	0.16	Visceras	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_33239	FDIAHTSLLTR	AGAP001420-PA	-	85	4.30E-08	1	1273.690	0.35	Ovary	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_35175	AQVTLDSILK	AGAP001420-PA	-	64	3.56E-06	1	1087.636	0.28	Head	2R:-:4739971-4739942	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_36038	SFDVPPPNMEPDHAYYDAIVKDER	AGAP001420-PA	M9(Oxidation)	54	5.06E-05	1	2805.288	2.06	Visceras	2R:-:4739806-4739735	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_36059	NIIIAAHGNSLR	AGAP001420-PA	-	84	1.78E-08	2	1278.728	0.25	Head	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_36438	YGEEQVLIWR	AGAP001420-PA	-	75	4.99E-07	2	1292.663	-0.59	Midgut	2R:-:4739839-4739810	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_36567	EAGLKFDIAHTSLLTR	AGAP001420-PA	-	74	2.58E-07	1	1771.975	2.8	Head	2R:-:4740019-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_36640	AIESVANQGK	AGAP001420-PA	-	44	0.000697 904	2	1016.537	0.01	Male reproductive organs	2R:-:4739431-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_37602	YGEEQVLIWR	AGAP001420-PA	-	82	8.17E-08	1	1292.664	0.26	Salivary gland	2R:-:4739839-4739810	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_37810	TLPYWNDVIIPQLK	AGAP001420-PA	-	73	3.04E-07	1	1699.946	2.72	Malpighian tubule	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_39642	AQVTLDSILK	AGAP001420-PA	-	63	4.48E-06	1	1087.638	1.79	Ovary	2R:-:4739971-4739942	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_39869	FLGDEETVR	AGAP001420-PA	-	65	5.02E-06	1	1065.523	2.13	Visceras	2R:-:4739461-4739435	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_42214	FLGDEETVR	AGAP001420-PA	-	38	0.002408 003	2	1065.523	1.37	Malpighian tubule	2R:-:4739461-4739435	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_42994	ESGQTSIPIQK	AGAP001420-PA	-	40	0.001761 157	1	1187.630	2.93	Malpighian tubule	2R:-:4739941-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_48651	AIESVANQGK	AGAP001420-PA	-	62	1.06E-05	1	1016.537	-0.11	Head	2R:-:4739431-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_52837	NIIIAAHGNSLRGIVK	AGAP001420-PA	-	63	6.00E-07	1	1676.002	3.32	Malpighian tubule	2R:-:4739617-4739570	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_53177	YKDDPKPNEFPMAESLK	AGAP001420-PA	M12(Oxidation)	90	1.90E-08	1	2008.966	-1.03	Visceras	2R:-:4739734-4739684	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_53768	GKEEALAAGK	AGAP001420-PA	-	44	0.000777 465	2	973.533	1.51	Malpighian tubule	2R:-:4740147-4740249,4739393-4740029	exon=> In CDS Exon 2 and 1 of transcript AGAP001420-PA
JHU_Ag_54683	TLPYWNDVIIPQLK	AGAP001420-PA	-	70	4.79E-07	1	1699.950	4.59	Male reproductive organs	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_54726	YKDDPKPNEFPMAESLK	AGAP001420-PA	M12(Oxidation)	80	1.58E-07	1	2024.961	-1.41	Head	2R:-:4739734-4739684	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_57273	YKDDPKPNEFPMAESLK	AGAP001420-PA	M12(Oxidation)	84	5.82E-08	1	2024.962	-0.86	Midgut	2R:-:4739734-4739684	exon=> In CDS Exon 2 of transcript AGAP001420-PA

JHU_Ag_59700	FLGDEETVRK	AGAP001420-PA	-	42	0.000932484	1	1193.616	-0.21	Male reproductive organs	2R:-:4739461-4739432	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_60682	YGEEQVLIWR	AGAP001420-PA	-	83	6.94E-08	2	1292.668	3.85	Visceras	2R:-:4739839-4739810	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_61633	FDIAHTSLLTR	AGAP001420-PA	-	91	1.16E-08	1	1273.692	1.36	Head	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_62285	SFDVPPPNMEPDHAYYDAIVK	AGAP001420-PA	M9(Oxidation)	49	0.00015344	1	2405.113	0.61	Visceras	2R:-:4739806-4739744	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_62328	NIIIAAHGNSLR	AGAP001420-PA	N9(Deamidated)	99	7.50E-10	1	1279.714	1.96	Pupa	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_62908	AQVTLDSILK	AGAP001420-PA	-	58	1.23E-05	1	1087.636	0.62	Visceras	2R:-:4739971-4739942	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_63235	AIESVANQGK	AGAP001420-PA	-	58	2.90E-05	2	1016.540	3.13	Visceras	2R:-:4739431-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_64595	GKEEALAAGK	AGAP001420-PA	-	58	3.43E-05	2	973.532	0.32	Visceras	2R:-:4740147-4740249,4739393-4740029	exon=> In CDS Exon 2 and 1 of transcript AGAP001420-PA
JHU_Ag_67054	ESGQTSIPIQK	AGAP001420-PA	-	53	9.27E-05	1	1187.625	-1.12	Visceras	2R:-:4739941-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_67236	NIIIAAHGNSLR	AGAP001420-PA	-	97	8.73E-10	1	1278.725	-2.23	Ovary	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_67297	FLGDEETVRK	AGAP001420-PA	-	50	0.000166971	2	1193.615	-1.23	Visceras	2R:-:4739461-4739432	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_71188	AIESVANQGK	AGAP001420-PA	-	49	0.000197941	2	1016.537	-0.11	Salivary gland	2R:-:4739431-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_72087	TLPYWNDVIIPQLK	AGAP001420-PA	N6(Deamidated)	74	2.17E-07	2	1699.942	0.35	Midgut	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_72168	ESGQTSIPIQK	AGAP001420-PA	-	40	0.001585523	2	1187.632	4.37	Male reproductive organs	2R:-:4739941-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_73571	TLPYWNDVIIPQLK	AGAP001420-PA	N6(Deamidated)	89	6.97E-09	1	1699.947	3.08	Pupa	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_73605	YGEEQVLIWR	AGAP001420-PA	-	80	1.29E-07	1	1292.663	-0.59	Male reproductive organs	2R:-:4739839-4739810	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_74838	NIIIAAHGNSLR	AGAP001420-PA	-	76	1.07E-07	1	1278.730	1.4	Malpighian tubule	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_77627	NLFCGWFDANLSDKGK	AGAP001420-PA	C4(Carbamidomethyl)	102	1.02E-09	1	1871.878	1.68	Visceras	2R:-:4740189-4740249,4739393-4740053	exon=> In CDS Exon 2 and 1 of transcript AGAP001420-PA
JHU_Ag_78252	NIIIAAHGNSLRGIVK	AGAP001420-PA	-	31	0.000993531	1	1676.000	2.08	Head	2R:-:4739617-4739570	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_78512	EAGLKFDIAHTSLLTR	AGAP001420-PA	-	59	9.82E-06	1	1771.969	-0.93	Midgut	2R:-:4740019-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_78898	NLFCGWFDANLSDK	AGAP001420-PA	C4(Carbamidomethyl)	48	0.000189976	2	1686.771	7.36	Malpighian tubule	2R:-:4740189-4740148	exon=> In CDS Exon 1 of transcript AGAP001420-PA
JHU_Ag_80129	HLDQMTDEAIMGLNLPTGIPFVYELDENLKPVVSMK	AGAP001420-PA	M5(Oxidation), M11(Oxidation), M35(Oxidation)	72	5.43E-07	1	4106.016	-0.25	Ovary	2R:-:4739569-4739462	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_80882	YGEEQVLIWR	AGAP001420-PA	-	90	1.46E-08	1	1292.665	1.01	Pupa	2R:-:4739839-4739810	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_82309	FDIAHTSLLTR	AGAP001420-PA	-	85	4.91E-08	1	1273.693	2.42	Pupa	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_82714	YKDDPKPNEFPMAESLK	AGAP001420-PA	M12(Oxidation)	69	1.98E-06	1	2024.964	0.12	Pupa	2R:-:4739734-4739684	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_83162	AQVTLDSILKESGQTSIPIQK	AGAP001420-PA	-	81	2.17E-08	1	2256.251	2.82	Pupa	2R:-:4739971-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA

JHU_Ag_83252	SFDVPPPNMEPDHAYYDAIVK	AGAP001420-PA	M9(Oxidation)	49	0.000154633	2	2405.119	2.82	Head	2R:-:4739806-4739744	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_83555	NLFCGWFDANLSDK	AGAP001420-PA	C4(Carbamidomethyl)	81	9.41E-08	2	1686.764	3.74	Pupa	2R:-:4740189-4740148	exon=> In CDS Exon 1 of transcript AGAP001420-PA
JHU_Ag_84839	AIESVANQGK	AGAP001420-PA	-	60	1.69E-05	1	1016.538	1.04	Malpighian tubule	2R:-:4739431-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_86068	FDIAHTSLLTR	AGAP001420-PA	-	85	4.41E-08	1	1273.690	-0.36	Midgut	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_86201	YGEEQVLIWR	AGAP001420-PA	-	76	4.29E-07	1	1292.667	2.9	Malpighian tubule	2R:-:4739839-4739810	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_86362	NIIIAAHGNSLR	AGAP001420-PA	-	71	3.25E-07	1	1278.730	1.78	Salivary gland	2R:-:4739617-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_88768	TLPYWNDVIIPQLKEGK	AGAP001420-PA	-	67	1.14E-06	2	2014.111	5.09	Malpighian tubule	2R:-:4739668-4739618	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_88778	HYGGLTGLNK	AGAP001420-PA	-	50	0.000218 29	1	1059.557	-1.24	Visceras	2R:-:4739887-4739858	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_90034	YGEEQVLIWRR	AGAP001420-PA	-	50	0.000136 816	1	1448.769	3.23	Malpighian tubule	2R:-:4739839-4739807	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_91569	TLPYWNDVIIPQLK	AGAP001420-PA	-	82	3.27E-08	1	1699.945	1.79	Head	2R:-:4739668-4739627	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_91802	ESGQTSIPIQK	AGAP001420-PA	-	54	6.99E-05	1	1187.626	-0.91	Pupa	2R:-:4739941-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_92139	ESGQTSIPIQK	AGAP001420-PA	-	42	0.001078 665	2	1187.625	-1.69	Midgut	2R:-:4739941-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_93159	AQVTLDSILK	AGAP001420-PA	-	39	0.000917 256	2	1087.639	2.8	Malpighian tubule	2R:-:4739971-4739942	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_93214	HYGGLTGLNK	AGAP001420-PA	N9(Deamidated)	56	4.53E-05	1	1059.554	-4.12	Head	2R:-:4739887-4739858	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_93660	NLFCGWFDANLSDK	AGAP001420-PA	C4(Carbamidomethyl)	90	1.03E-08	2	1686.760	1.21	Head	2R:-:4740189-4740148	exon=> In CDS Exon 1 of transcript AGAP001420-PA
JHU_Ag_94453	AQVTLDSILK	AGAP001420-PA	-	71	6.70E-07	1	1087.636	0.55	Pupa	2R:-:4739971-4739942	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_94744	KAIESVANQGK	AGAP001420-PA	-	79	1.82E-07	1	1144.633	0.43	Malpighian tubule	2R:-:4739434-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_95730	KAIESVANQGK	AGAP001420-PA	-	90	1.21E-08	1	1144.633	0.5	Visceras	2R:-:4739434-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_96393	AQVTLDSILKESGQTSIPIQK	AGAP001420-PA	-	52	1.79E-05	1	2256.250	2.41	Head	2R:-:4739971-4739909	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_96455	AQVTLDSILK	AGAP001420-PA	-	41	0.000657 441	1	1087.637	0.89	Salivary gland	2R:-:4739971-4739942	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_99154	EGKNIIIAAHGNSLR	AGAP001420-PA	-	41	0.000402 351	1	1592.888	0.47	Pupa	2R:-:4739626-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_100294	AIESVANQGK	AGAP001420-PA	-	41	0.001243 187	2	1016.537	-0.23	Ovary	2R:-:4739431-4739402	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_101035	FDIAHTSLLTR	AGAP001420-PA	-	85	4.81E-08	1	1273.693	2.65	Malpighian tubule	2R:-:4740004-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_101180	SFDVPPPNMEPDHAYYDAIVKDER	AGAP001420-PA	-	35	0.003846 613	1	2805.278	-1.47	Malpighian tubule	2R:-:4739806-4739735	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_105762	SFDVPPPNMEPDHAYYDAIVKDER	AGAP001420-PA	M9(Oxidation)	43	0.000430 653	1	2821.271	-2.21	Head	2R:-:4739806-4739735	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_106418	FLGDEETVRK	AGAP001420-PA	-	60	1.58E-05	1	1193.617	1.02	Malpighian tubule	2R:-:4739461-4739432	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_109999	AQVTLDSILK	AGAP001420-PA	-	63	4.44E-06	2	1087.632	-3.6	Midgut	2R:-:4739971-4739942	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_112674	EGKNIIIAAHGNSLR	AGAP001420-PA	-	55	1.49E-05	1	1592.890	1.85	Malpighian tubule	2R:-:4739626-4739582	exon=> In CDS Exon 2 of transcript AGAP001420-PA

JHU_Ag_112927	HYGGLTGLNK	AGAP001420-PA	-	38	0.003446375	2	1059.558	-0.05	Ovary	2R:-:4739887-4739858	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_113376	FLGDEETVR	AGAP001420-PA	-	53	8.49E-05	2	1065.520	-1.27	Ovary	2R:-:4739461-4739435	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_113484	EAGLKFDIAHTSLLTR	AGAP001420-PA	-	113	3.28E-11	1	1771.973	1.35	Pupa	2R:-:4740019-4739972	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_115108	DDPKPNEFPMAESLK	AGAP001420-PA	M10(Oxidation)	74	7.43E-07	1	1717.813	1.69	Head	2R:-:4739728-4739684	exon=> In CDS Exon 2 of transcript AGAP001420-PA
JHU_Ag_4854	SLSGGSAGPTQSIGDSLTHPISSLSPYQNK	AGAP001421-PA	-	114	4.59E-11	1	2986.479	1.32	Head	2R:+:4741482-4741571	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_29709	GWFENGGSEASVSSVSAR	AGAP001421-PA	-	118	1.60E-11	2	1826.830	-0.19	Ovary	2R:+:4742226-4742279	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_47956	VIDQENGQFR	AGAP001421-PA	-	41	0.001308711	2	1205.596	4.36	Malpighian tubule	2R:+:4742454-4742483	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_49980	TKVEYFGEQPR	AGAP001421-PA	-	62	8.49E-06	1	1353.681	1.04	Ovary	2R:+:4742777-4742809	exon=> In CDS Exon 3 of transcript AGAP001421-PA
JHU_Ag_55907	TGGAAGVSTEWLSFQEAK	AGAP001421-PA	-	79	2.00E-07	2	1838.890	-1.19	Ovary	2R:+:4742280-4742333	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_56319	TSAVSVAPVNHKEYNALLIK	AGAP001421-PA	-	34	0.00118991	1	2154.197	2.41	Malpighian tubule	2R:+:4742816-4742875	exon=> In CDS Exon 3 of transcript AGAP001421-PA
JHU_Ag_64307	DKNLGAGDKPDYFQVK	AGAP001421-PA	-	58	2.30E-05	1	1794.903	0.49	Ovary	2R:+:4742334-4742381	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_72113	VSEFGGGK	AGAP001421-PA	-	41	0.001077889	1	780.390	1.38	Ovary	2R:+:4742133-4742156	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_81711	TKVEYFGEQPR	AGAP001421-PA	-	64	5.27E-06	2	1353.681	1.04	Malpighian tubule	2R:+:4742777-4742809	exon=> In CDS Exon 3 of transcript AGAP001421-PA
JHU_Ag_89223	SLSGGSAGPTQSIGDSLTHPISSLSPYQNK	AGAP001421-PA	-	111	9.56E-11	1	2986.473	-0.83	Ovary	2R:+:4741482-4741571	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_89239	NLGAGDKPDYFQVK	AGAP001421-PA	-	44	0.000582335	1	1551.779	-0.74	Ovary	2R:+:4742340-4742381	exon=> In CDS Exon 2 of transcript AGAP001421-PA
JHU_Ag_107416	SFVFKLR	AGAP001421-PA	-	35	0.000639372	1	896.535	-0.51	Malpighian tubule	2R:+:4742756-4742776	exon=> In CDS Exon 3 of transcript AGAP001421-PA
JHU_Ag_108887	SIQELTGVGKN	AGAP001421-PA	-	40	0.001575201	2	1145.613	-2.45	Ovary	2R:+:4742876-4742908	exon=> In CDS Exon 3 of transcript AGAP001421-PA
JHU_Ag_5602	QLTGVSLGSDAFFPFR	AGAP001423-PA	-	94	4.97E-09	2	1741.900	5.21	Pupa	2R:-:4746435-4746388	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_6431	TLFGLQLEQR	AGAP001423-PA	-	74	3.16E-07	1	1204.674	4.87	Ovary	2R:-:4746885-4746856	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_6829	MSSFGDFVALSDTCDLATAK	AGAP001423-PA	M1(Oxidation), C14(Carbamidomethyl)	92	6.98E-09	1	2151.956	-0.72	Ovary	2R:-:4747089-4747030	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_8006	AEISNAIDNYVNGTVGK	AGAP001423-PA	-	76	4.57E-07	2	1764.883	3.56	Salivary gland	2R:-:4746570-4746520	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_9032	RNDADINK	AGAP001423-PA	-	38	0.00206436	2	945.470	-4.69	Head	2R:-:4746855-4746832	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_11532	VTVLCDPKDYPK	AGAP001423-PA	C5(Carbamidomethyl)	75	4.75E-07	1	1434.727	-2.21	Ovary	2R:-:4747593-4747558	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_11651	DLGLPVRDVSDITGAPEMLGGR	AGAP001423-PA	M18(Oxidation)	51	0.000100203	3	2284.171	4.65	Ovary	2R:-:4747890-4747825	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_12231	DGQVVGIGAGQQSR	AGAP001423-PA	-	124	5.26E-12	1	1371.697	-0.11	Pupa	2R:-:4746711-4746670	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_12286	DGQVVGIGAGQQSR	AGAP001423-PA	-	59	1.90E-05	2	1371.703	3.62	Malpighian tubule	2R:-:4746711-4746670	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_12370	ALFTNIVTK	AGAP001423-PA	-	38	0.000576852	2	1006.593	-0.26	Male reproductive organs	2R:-:4746831-4746805	exon=> In CDS Exon 2 of transcript AGAP001423-PA

JHU_Ag_12465	IALVSVSDKSGLVEFAK	AGAP001423-PA	-	112	1.63E-11	1	1763.005	5.69	Ovary	2R:-:4748084-4748099,4746244-4747951	exon=> In CDS Exon 2 and 1 of transcript AGAP001423-PA
JHU_Ag_15293	IALVSVSDK	AGAP001423-PA	-	37	0.001826078	1	931.546	0.22	Ovary	2R:-:4748084-4748099,4746244-4747975	exon=> In CDS Exon 2 and 1 of transcript AGAP001423-PA
JHU_Ag_16542	AFTHTAEYDAIISDYFR	AGAP001423-PA	-	82	9.55E-08	1	2019.952	3.69	Pupa	2R:-:4747491-4747441	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_17191	DVSDITGAPEMLGGR	AGAP001423-PA	M11(Oxidation)	90	1.67E-08	1	1533.725	2.57	Head	2R:-:4747869-4747825	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_21617	EVSDGIIAPGYTEEALEVLR	AGAP001423-PA	-	46	0.000347867	1	2161.105	0.98	Pupa	2R:-:4747017-4746958	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_22145	AEISNAIDNYVNGTVGK	AGAP001423-PA	-	80	1.61E-07	1	1764.882	3	Ovary	2R:-:4746570-4746520	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_22521	QYSAGVSQLNLR	AGAP001423-PA	-	82	8.64E-08	1	1335.707	4.02	Ovary	2R:-:4747437-4747402	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_22787	QLLALK	AGAP001423-PA	-	40	0.000299257	1	685.463	3.25	Larva	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_24257	EVSDGIIAPGYTEEALEVLR	AGAP001423-PA	-	48	0.000253418	1	2161.108	2.79	Visceras	2R:-:4747017-4746958	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_25451	EVSDGIIAPGYTEEALEVLR	AGAP001423-PA	-	49	0.000183588	2	2161.104	0.87	Head	2R:-:4747017-4746958	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_28309	ADNWWLR	AGAP001423-PA	-	42	0.000946715	2	960.470	0.96	Male reproductive organs	2R:-:4746639-4746619	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_34070	DLIVATIALK	AGAP001423-PA	-	67	3.39E-07	2	1056.671	4.09	Ovary	2R:-:4746774-4746745	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_34766	QLLALK	AGAP001423-PA	-	41	0.000295151	1	685.462	1.47	Midgut	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_37428	ALFTNIVTK	AGAP001423-PA	-	39	0.000518542	2	1006.593	0.17	Salivary gland	2R:-:4746831-4746805	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_38338	EVSDGIIAPGYTEEALEVLR	AGAP001423-PA	-	99	1.65E-09	1	2161.110	3.49	Malpighian tubule	2R:-:4747017-4746958	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_43674	DLIVATIALK	AGAP001423-PA	-	51	2.01E-05	2	1056.667	0.85	Pupa	2R:-:4746774-4746745	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_45804	EVSDGIIAPGYTEEALEVLRK	AGAP001423-PA	-	62	6.92E-06	1	2289.202	2.07	Ovary	2R:-:4747017-4746955	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_47766	DGQVVGIGAGQQSR	AGAP001423-PA	-	120	1.10E-11	1	1371.697	-0.11	Ovary	2R:-:4746711-4746670	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_48778	QLLALK	AGAP001423-PA	-	40	0.000340443	1	685.463	3.08	Male reproductive organs	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_53019	DMPVAQFEAMLEK	AGAP001423-PA	M2(Oxidation), M10(Oxidation)	83	6.94E-08	1	1540.709	4.45	Ovary	2R:-:4746519-4746481	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_53448	TLHPAVHAAILAR	AGAP001423-PA	-	80	3.20E-08	1	1369.808	0.91	Head	2R:-:4747818-4747780	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_53456	ALGLPAATSFK	AGAP001423-PA	-	65	2.31E-06	1	1075.615	0.44	Ovary	2R:-:4747257-4747225	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_53806	YGMNPHQKPAQIFTLLER	AGAP001423-PA	M3(Oxidation)	101	9.57E-10	1	2159.116	4.28	Ovary	2R:-:4747401-4747348	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_54262	EVSDGIIAPGYTEEALEVLR	AGAP001423-PA	-	179	1.82E-17	1	2161.112	4.6	Ovary	2R:-:4747017-4746958	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_54394	SGLVEFAK	AGAP001423-PA	-	40	0.001286252	2	850.467	-0.19	Pupa	2R:-:4747974-4747951	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_57376	VLEEIRQHGDTTPATR	AGAP001423-PA	-	77	2.52E-07	1	1822.942	0.82	Ovary	2R:-:4747557-4747510	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_59267	AFTHTAEYDAIISDYFRK	AGAP001423-PA	-	128	2.36E-12	1	2148.044	2.21	Ovary	2R:-:4747491-4747438	exon=> In CDS Exon 2 of transcript AGAP001423-PA

JHU_Ag_61322	DVSDITGAPEMLGGR	AGAP001423-PA	M11(Oxidation)	77	3.64E-07	1	1533.727	3.61	Ovary	2R:-:4747869-4747825	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_62061	ALFTNIVTK	AGAP001423-PA	-	39	0.000487601	2	1006.593	-0.26	Pupa	2R:-:4746831-4746805	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_63494	DGQVVGIGAGQQSR	AGAP001423-PA	-	97	2.74E-09	2	1371.706	6.29	Salivary gland	2R:-:4746711-4746670	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_63928	DGQVVGIGAGQQSR	AGAP001423-PA	-	69	1.77E-06	2	1371.699	0.69	Male reproductive organs	2R:-:4746711-4746670	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_65113	AFTHTAEYDAIISDYFR	AGAP001423-PA	-	41	0.001476283	1	2019.954	4.38	Ovary	2R:-:4747491-4747441	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_66618	ADNWWLR	AGAP001423-PA	-	38	0.002356238	2	960.469	0.39	Pupa	2R:-:4746639-4746619	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_69680	QLTGVSLGSDAFFPFR	AGAP001423-PA	-	104	5.51E-10	2	1741.901	5.7	Ovary	2R:-:4746435-4746388	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_70711	QLLALK	AGAP001423-PA	-	35	0.001099119	1	685.462	1.74	Malpighian tubule	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_71603	QLLALK	AGAP001423-PA	-	41	0.000282517	1	685.463	3.16	Head	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_76189	NGSYCVLQIDPTYEPGPVER	AGAP001423-PA	C5(Carbamidomethyl)	51	0.000123517	1	2294.080	1.86	Head	2R:-:4746948-4746889	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_77103	YTQSNSVCYAK	AGAP001423-PA	C8(Carbamidomethyl)	54	4.20E-05	1	1320.589	-0.17	Ovary	2R:-:4746744-4746712	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_79444	TLHPAVHAAILAR	AGAP001423-PA	-	50	3.41E-05	1	1369.805	-0.76	Ovary	2R:-:4747818-4747780	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_85566	DGQVVGIGAGQQSR	AGAP001423-PA	-	131	1.09E-12	1	1371.699	1.22	Head	2R:-:4746711-4746670	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_87246	LSGVSYIASPAGSTNDAGVIDACNEHDIVMVHTNLR	AGAP001423-PA	C23(Carbamidomethyl)	62	7.02E-06	1	3783.808	0.48	Ovary	2R:-:4746366-4746259	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_87605	RAEISNAIDNYVNGTVGK	AGAP001423-PA	-	84	6.94E-08	1	1920.977	-0.23	Head	2R:-:4746573-4746520	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_88331	VPAPLTGEDKEQWTR	AGAP001423-PA	-	97	3.27E-09	1	1726.880	2.3	Pupa	2R:-:4746480-4746436	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_88416	DVSDITGAPEMLGGR	AGAP001423-PA	M11(Oxidation)	45	0.000502542	2	1533.721	0.02	Pupa	2R:-:4747869-4747825	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_89910	VVNASPGFINLCDALNGWQLVR	AGAP001423-PA	C12(Carbamidomethyl)	91	9.88E-09	2	2443.263	2.99	Ovary	2R:-:4747335-4747270	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_90584	ALFTNIVTK	AGAP001423-PA	-	67	6.55E-07	1	1006.596	3.08	Ovary	2R:-:4746831-4746805	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_91115	TLFGLQLEQR	AGAP001423-PA	-	67	1.64E-06	2	1204.670	1.22	Salivary gland	2R:-:4746885-4746856	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_92611	DLIVATIALK	AGAP001423-PA	-	55	7.52E-06	2	1056.668	1.32	Salivary gland	2R:-:4746774-4746745	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_94128	NGSYCVLQIDPTYEPGPVER	AGAP001423-PA	C5(Carbamidomethyl)	50	0.000134995	1	2294.078	0.8	Ovary	2R:-:4746948-4746889	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_94827	TLFGLQLEQR	AGAP001423-PA	-	34	0.003287431	2	1204.669	0.71	Pupa	2R:-:4746885-4746856	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_97335	QLTGVSLGSDAFFPFRDNVDR	AGAP001423-PA	-	84	6.18E-08	1	2341.167	4.12	Ovary	2R:-:4746435-4746373	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_98104	VPAPLTGEDKEQWTR	AGAP001423-PA	-	111	1.22E-10	1	1726.880	2.44	Ovary	2R:-:4746480-4746436	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_98178	DMPVAQFEAMLEK	AGAP001423-PA	-	63	8.93E-06	2	1508.717	3.31	Malpighian tubule	2R:-:4746519-4746481	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_99345	QLLALK	AGAP001423-PA	-	40	0.000176618	1	685.462	1.29	Visceras	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_99516	QYSAGVSQLNLR	AGAP001423-PA	-	80	1.57E-07	2	1335.702	0.19	Pupa	2R:-:4747437-4747402	exon=> In CDS Exon 2 of transcript AGAP001423-PA

JHU_Ag_100708	LAGDKADNWWLR	AGAP001423-PA	-	95	4.65E-09	1	1444.738	3.09	Ovary	2R:-:4746654-4746619	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_101201	KTLFGLQLEQR	AGAP001423-PA	-	50	4.75E-05	2	1332.765	0.92	Ovary	2R:-:4746888-4746856	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_101796	QLTGVSLGSDAFFPFRDNVDR	AGAP001423-PA	-	79	2.12E-07	1	2341.166	3.81	Malpighian tubule	2R:-:4746435-4746373	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_101823	AFTHTAEYDAIISDYFR	AGAP001423-PA	-	82	1.07E-07	1	2019.950	2.78	Head	2R:-:4747491-4747441	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_103973	QLLALK	AGAP001423-PA	-	40	0.000300639	1	685.462	1.92	Pupa	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_103976	RAEISNAIDNYVNGTVGK	AGAP001423-PA	-	56	3.80E-05	3	1920.982	2.35	Ovary	2R:-:4746573-4746520	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_108788	DMPVAQFEAMLEK	AGAP001423-PA	-	82	1.01E-07	2	1508.716	2.26	Head	2R:-:4746519-4746481	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_110431	DLIVATIALK	AGAP001423-PA	-	53	1.23E-05	2	1056.665	-1.23	Head	2R:-:4746774-4746745	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_111751	QLLALK	AGAP001423-PA	-	34	0.001315361	1	685.462	1.47	Salivary gland	2R:-:4747509-4747492	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_111795	VPAPLTGEDKEQWTR	AGAP001423-PA	-	45	0.000533041	1	1726.882	3.78	Salivary gland	2R:-:4746480-4746436	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_114823	QLTGVSLGSDAFFPFR	AGAP001423-PA	-	68	1.96E-06	2	1741.903	6.82	Visceras	2R:-:4746435-4746388	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_117421	QYSAGVSQLNLR	AGAP001423-PA	-	63	7.92E-06	2	1335.701	-0.45	Head	2R:-:4747437-4747402	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_117743	QLTGVSLGSDAFFPFRDNVDR	AGAP001423-PA	-	89	2.34E-08	1	2341.159	0.68	Pupa	2R:-:4746435-4746373	exon=> In CDS Exon 2 of transcript AGAP001423-PA
JHU_Ag_399	ELISNASDALDK	AGAP001424-PA	-	70	2.08E-06	2	1275.643	-0.1	Head	2R:-:4752134-4752099	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_800	SLLFVPK	AGAP001424-PA	-	47	4.55E-05	1	803.504	1.62	Malpighian tubule	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_867	SGFQLPETADFADSVER	AGAP001424-PA	-	80	1.37E-07	2	1868.867	0.36	Midgut	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_1697	FTFQAEVNR	AGAP001424-PA	-	59	1.55E-05	1	1111.555	1.77	Ovary	2R:-:4752215-4752189	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_2585	LIINSLYR	AGAP001424-PA	-	43	0.000212819	2	991.592	-1.69	Midgut	2R:-:4752179-4752156	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_4392	GVVDSDDLPLNVSR	AGAP001424-PA	-	104	5.61E-10	1	1485.755	0.58	Salivary gland	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_4486	LLSLTDPSVLDSNRNLEVK	AGAP001424-PA	-	62	2.43E-06	1	2113.158	3.66	Malpighian tubule	2R:-:4752092-4752036	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_5290	VEEEEATDSDKPK	AGAP001424-PA	-	80	1.05E-07	1	1476.675	3.3	Salivary gland	2R:-:4751489-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_5561	FEELKTEYEPLLK	AGAP001424-PA	-	96	2.75E-09	1	1638.863	0.38	Male reproductive organs	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_5817	ELISNASDALDKIR	AGAP001424-PA	-	78	1.88E-07	2	1544.832	2.44	Pupa	2R:-:4752134-4752093	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_6154	TVWNWEIMNDSKPIWTR	AGAP001424-PA	M8(Oxidation)	75	5.75E-07	1	2192.064	2.2	Male reproductive organs	2R:-:4751432-4751382	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_6933	EEEAIKLDGLNVAQIK	AGAP001424-PA	-	60	8.80E-06	1	1769.966	0.59	Midgut	2R:-:4752287-4752240	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_7799	FQNVAK	AGAP001424-PA	-	41	0.00077344	1	706.388	-0.22	Salivary gland	2R:-:4750658-4750641	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_8180	FEELKTEYEPLLK	AGAP001424-PA	-	109	1.41E-10	1	1638.865	1.2	Ovary	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_8838	SLLFVPK	AGAP001424-PA	-	38	0.000350115	1	803.503	0.04	Head	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_9690	DMAVLMFNTATLR	AGAP001424-PA	M2(Oxidation),"M2(Oxidation), M6(Oxidation)",M6(Oxidation)	106	3.19E-10	1	1498.740	0.71	Salivary gland	2R:-:4750286-4750248	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_9894	SEDSTDEEEEDVKVEEEEATDSDKPK	AGAP001424-PA	-	151	3.60E-15	1	2969.236	-1.02	Head	2R:-:4751528-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_10128	SGFQLPETADFADSVER	AGAP001424-PA	-	124	4.38E-12	1	1868.869	1.28	Head	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_10712	EEALDFLEDDTVK	AGAP001424-PA	-	65	3.91E-06	2	1523.713	1.43	Male reproductive organs	2R:-:4751681-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_10752	FTFQAEVNR	AGAP001424-PA	-	40	0.001188256	1	1111.554	0.67	Midgut	2R:-:4752215-4752189	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_11278	KVSDVTDEEYTEFYK	AGAP001424-PA	-	103	5.95E-10	1	1852.847	-0.78	Midgut	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_11444	SLLFVPK	AGAP001424-PA	-	42	0.000124095	1	803.506	4.2	Ovary	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_12940	QDLVNNLGTIAK	AGAP001424-PA	-	65	2.67E-06	2	1285.716	3.42	Ovary	2R:-:4751972-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_13132	IDKEQYEQFWK	AGAP001424-PA	-	56	3.57E-05	1	1513.732	-0.29	Male reproductive organs	2R:-:4750997-4750965	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_13431	KYSQFINFPIYMWTSK	AGAP001424-PA	M12(Oxidation)	95	4.57E-09	1	2069.031	5.05	Larva	2R:-:4751630-4751583	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_13547	VSDVTDEEYTEFYK	AGAP001424-PA	-	110	7.42E-11	1	1724.762	4.97	Malpighian tubule	2R:-:4751378-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_13574	LALANAHQK	AGAP001424-PA	-	33	0.002946659	2	965.548	-4.69	Head	2R:-:4750439-4750413	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_14144	TLEINPR	AGAP001424-PA	-	43	0.000418467	2	842.472	-1.03	Male reproductive organs	2R:-:4750370-4750350	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_14756	GSQVSLHLK	AGAP001424-PA	-	57	1.04E-05	1	968.551	-0.98	Head	2R:-:4751708-4751682	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_14838	TLEINPRHPLMR	AGAP001424-PA	-	40	0.000966069	1	1476.815	2.88	Malpighian tubule	2R:-:4750370-4750335	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_14961	VFITDEFNDMMPNYLSFIR	AGAP001424-PA	M10(Oxidation), M11(Oxidation)	39	0.001614148	2	2384.106	5	Head	2R:-:4751174-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_15432	FEELKTEYEPLLK	AGAP001424-PA	-	33	0.005117306	2	1638.869	4.03	Larva	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_16853	ETLQQHK	AGAP001424-PA	-	43	0.000449494	1	883.463	-0.19	Head	2R:-:4751075-4751055	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_16892	LALANAHQK	AGAP001424-PA	N5(Deamidated),Q8(Deamidated)	50	3.57E-05	2	965.559	6.25	Salivary gland	2R:-:4750439-4750413	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_17751	SGFQLPETADFADSVER	AGAP001424-PA	-	111	9.18E-11	1	1868.872	3.37	Malpighian tubule	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_17893	FTFQAEVNR	AGAP001424-PA	-	61	1.04E-05	2	1111.552	-1.08	Pupa	2R:-:4752215-4752189	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_17945	QDLVNNLGTIAK	AGAP001424-PA	N5(Deamidated)	86	2.29E-08	2	1285.713	1.14	Salivary gland	2R:-:4751972-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_18235	GSQVSLHLKEEALDFLEDDTVK	AGAP001424-PA	-	58	2.03E-05	1	2473.254	3.12	Head	2R:-:4751708-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_18322	SEDSTDEEEEDVKVEEEEATDSDKPK	AGAP001424-PA	-	150	4.34E-15	1	2969.238	-0.53	Midgut	2R:-:4751528-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_19156	KYSQFINFPIYMWTSK	AGAP001424-PA	M12(Oxidation)	60	1.53E-05	1	2069.018	-0.99	Salivary gland	2R:-:4751630-4751583	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_19830	LLSLTDPSVLDSNR	AGAP001424-PA	-	122	6.13E-12	1	1529.820	1.78	Head	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_22859	VSDVTDEEYTEFYK	AGAP001424-PA	-	83	3.51E-08	2	1724.757	1.79	Ovary	2R:-:4751378-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_23003	NKEYTSLSDYVAR	AGAP001424-PA	-	101	1.36E-09	1	1545.757	1.61	Ovary	2R:-:4750868-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_24508	LGIMEDPSNR	AGAP001424-PA	M4(Oxidation)	47	0.000210881	2	1147.538	-2.84	Male reproductive organs	2R:-:4750943-4750914	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_24756	KVSDVTDEEYTEFYK	AGAP001424-PA	-	135	4.16E-13	1	1852.857	4.43	Malpighian tubule	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_26208	TDAEAVKR	AGAP001424-PA	-	48	0.000333282	2	889.474	0.12	Salivary gland	2R:-:4752311-4752288	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_26319	RVFITDEFNDMMPNYLSFIR	AGAP001424-PA	M11(Oxidation), M12(Oxidation)	61	1.05E-05	1	2540.207	4.72	Malpighian tubule	2R:-:4751177-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_26925	KVSDVTDEEYTEFYK	AGAP001424-PA	-	47	0.000212767	1	1852.850	0.9	Pupa	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_27161	ELISNASDALDK	AGAP001424-PA	-	78	2.80E-07	2	1275.646	2.58	Male reproductive organs	2R:-:4752134-4752099	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_28583	EEEAIKLDGLNVAQIK	AGAP001424-PA	-	94	2.66E-09	1	1769.973	4.73	Salivary gland	2R:-:4752287-4752240	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_28950	GSQVSLHLK	AGAP001424-PA	-	63	2.31E-06	1	968.552	-0.48	Salivary gland	2R:-:4751708-4751682	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_29043	GVVDSDDLPLNVSR	AGAP001424-PA	-	99	1.79E-09	2	1485.753	-1.07	Midgut	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_29330	EGFTLNESEESKAR	AGAP001424-PA	-	54	5.37E-05	1	1596.753	2.04	Ovary	2R:-:4750640-4750599	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_32719	WLNDVALKDK	AGAP001424-PA	-	54	5.92E-05	2	1201.659	1.14	Salivary gland	2R:-:4750559-4750530	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_32796	GSQVSLHLKEEALDFLEDDTVK	AGAP001424-PA	-	70	1.07E-06	1	2473.255	3.86	Male reproductive organs	2R:-:4751708-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_33459	QYIWESDAASFSIVEDPR	AGAP001424-PA	-	112	1.00E-10	1	2112.990	1.04	Salivary gland	2R:-:4751780-4751727	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_34526	SGFQLPETADFADSVER	AGAP001424-PA	-	63	6.54E-06	2	1868.868	1.15	Ovary	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_34559	VEEEEATDSDKPK	AGAP001424-PA	-	76	2.52E-07	2	1476.668	-1.25	Male reproductive organs	2R:-:4751489-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_34569	TEYEPLLK	AGAP001424-PA	-	36	0.002795257	1	992.532	1.69	Salivary gland	2R:-:4750583-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_35270	LLSLTDPSVLDSNRNLEVK	AGAP001424-PA	-	55	1.66E-05	1	2113.149	-0.38	Ovary	2R:-:4752092-4752036	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_35786	LGIMEDPSNR	AGAP001424-PA	M4(Oxidation)	65	3.41E-06	1	1147.542	0.25	Salivary gland	2R:-:4750943-4750914	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_36546	VLHIIDTGIGMTK	AGAP001424-PA	M11(Oxidation)	110	7.95E-11	1	1413.781	2.72	Salivary gland	2R:-:4752011-4751973	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_37353	QDLVNNLGTIAK	AGAP001424-PA	-	53	5.58E-05	2	1285.712	0.38	Head	2R:-:4751972-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_38215	NKEYTSLSDYVAR	AGAP001424-PA	-	98	2.33E-09	1	1545.760	3.9	Malpighian tubule	2R:-:4750868-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_39330	YSQFINFPIYMWTSK	AGAP001424-PA	M11(Oxidation)	83	8.00E-08	1	1940.931	3.22	Ovary	2R:-:4751627-4751583	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_41115	ELISNASDALDKIR	AGAP001424-PA	-	110	1.35E-10	1	1544.830	1.18	Head	2R:-:4752134-4752093	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_41277	VEEEEATDSDKPK	AGAP001424-PA	-	99	1.39E-09	1	1476.671	0.41	Head	2R:-:4751489-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_41424	HYYLNQK	AGAP001424-PA	-	37	0.002469508	1	965.489	5.44	Salivary gland	2R:-:4750394-4750374	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_41782	SEDSTDEEEEDVKVEEEEATDSDKPK	AGAP001424-PA	-	160	4.22E-16	1	2969.236	-1.08	Malpighian tubule	2R:-:4751528-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_41833	FQSSSTK	AGAP001424-PA	-	39	0.000814988	2	784.384	0.4	Salivary gland	2R:-:4750889-4750869	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_42091	IDKEQYEQFWK	AGAP001424-PA	-	66	3.91E-06	1	1513.728	-2.98	Midgut	2R:-:4750997-4750965	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_42230	SLLFVPK	AGAP001424-PA	-	43	0.000112508	2	803.502	-1.27	Pupa	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_42441	YSQFINFPIYMWTSK	AGAP001424-PA	M11(Oxidation)	96	3.76E-09	1	1924.941	5.37	Salivary gland	2R:-:4751627-4751583	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_43268	FEELKTEYEPLLK	AGAP001424-PA	-	113	5.32E-11	1	1638.867	2.69	Midgut	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_43573	SGFQLPETADFADSVER	AGAP001424-PA	-	39	0.001652306	1	1868.872	2.91	Visceras	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_44090	RVEVDSDDIVAK	AGAP001424-PA	-	54	5.57E-05	1	1345.700	3.35	Ovary	2R:-:4750322-4750287	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_44465	VSDVTDEEYTEFYK	AGAP001424-PA	-	85	2.00E-08	2	1724.757	2.14	Midgut	2R:-:4751378-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_45183	RVEVDSDDIVAK	AGAP001424-PA	-	65	5.44E-06	2	1345.696	0.35	Head	2R:-:4750322-4750287	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_45529	EGFTLNESEESK	AGAP001424-PA	-	65	2.82E-06	2	1369.609	-1.86	Head	2R:-:4750640-4750605	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_45733	EVEEEVAVEEEATEKPAK	AGAP001424-PA	-	108	2.43E-10	1	2015.969	1.44	Salivary gland	2R:-:4751582-4751529	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_45914	QDNIYFIAGPNR	AGAP001424-PA	Q1(Deamidated), N3(Deamidated), N11(Deamidated)	75	4.49E-07	1	1407.701	-0.35	Midgut	2R:-:4750817-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_46081	LIINSLYR	AGAP001424-PA	N4(Deamidated)	62	3.18E-06	2	991.591	-2.98	Salivary gland	2R:-:4752179-4752156	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_46166	FTFQAEVNR	AGAP001424-PA	-	69	1.62E-06	1	1111.553	-0.42	Salivary gland	2R:-:4752215-4752189	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_46785	VFITDEFNDMMPNYLSFIR	AGAP001424-PA	M10(Oxidation), M11(Oxidation)	41	0.000888803	2	2384.093	-0.33	Male reproductive organs	2R:-:4751174-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_46956	SEDSTDEEEEDVK	AGAP001424-PA	-	83	8.96E-09	1	1511.588	0.5	Salivary gland	2R:-:4751528-4751490	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_48586	LGIMEDPSNR	AGAP001424-PA	M4(Oxidation)	47	0.00019517	1	1147.541	-0.18	Larva	2R:-:4750943-4750914	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_49017	VLHIIDTGIGMTK	AGAP001424-PA	-	35	0.001880096	2	1397.784	1.65	Midgut	2R:-:4752011-4751973	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_49144	SLLFVPK	AGAP001424-PA	-	46	5.42E-05	2	803.503	-0.05	Midgut	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_49242	ELISNASDALDKIR	AGAP001424-PA	-	131	1.05E-12	1	1544.832	2.76	Ovary	2R:-:4752134-4752093	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_49335	LDGLNVAQIK	AGAP001424-PA	-	73	4.04E-07	1	1070.620	-0.08	Salivary gland	2R:-:4752269-4752240	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_49624	GVVDSDDLPLNVSR	AGAP001424-PA	-	97	2.84E-09	1	1485.756	0.99	Ovary	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_50220	LIINSLYR	AGAP001424-PA	-	55	1.43E-05	1	991.595	1.88	Male reproductive organs	2R:-:4752179-4752156	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_50489	YSQFINFPIYMWTSK	AGAP001424-PA	M11(Oxidation)	82	9.18E-08	1	1940.933	4.23	Larva	2R:-:4751627-4751583	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_51007	SGTADFLSK	AGAP001424-PA	-	62	6.85E-06	2	925.462	-0.54	Salivary gland	2R:-:4751936-4751910	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_51383	VLHIIDTGIGMTK	AGAP001424-PA	M11(Oxidation)	69	1.20E-06	2	1413.777	-0.13	Head	2R:-:4752011-4751973	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_52641	LLSLTDPSVLDSNR	AGAP001424-PA	-	109	1.31E-10	1	1529.826	6.09	Malpighian tubule	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_54303	KVSDVTDEEYTEFYK	AGAP001424-PA	-	109	1.40E-10	1	1852.854	2.59	Ovary	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_55142	RVFITDEFNDMMPNYLSFIR	AGAP001424-PA	M11(Oxidation), M12(Oxidation)	62	9.68E-06	1	2540.188	-2.64	Salivary gland	2R:-:4751177-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_55321	NKEYTSLSDYVAR	AGAP001424-PA	-	90	1.41E-08	1	1545.754	-0.21	Midgut	2R:-:4750868-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_55585	VLHIIDTGIGMTKQDLVNNLGTIAK	AGAP001424-PA	-	66	4.63E-07	1	2664.478	0.84	Ovary	2R:-:4752011-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_56664	VLHIIDTGIGMTK	AGAP001424-PA	-	29	0.008676066	1	1397.783	0.46	Ovary	2R:-:4752011-4751973	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_57314	NKEIFLR	AGAP001424-PA	-	34	0.002572194	1	919.535	-1.09	Male reproductive organs	2R:-:4752155-4752135	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_58461	EGFTLNESEESK	AGAP001424-PA	N6(Deamidated)	80	1.16E-07	2	1369.612	-0.07	Salivary gland	2R:-:4750640-4750605	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_58824	RVEVDSDDIVAK	AGAP001424-PA	-	62	1.01E-05	1	1345.694	-1.73	Midgut	2R:-:4750322-4750287	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_59998	SEDSTDEEEEDVKVEEEEATDSDKPK	AGAP001424-PA	-	55	1.45E-05	1	2969.236	-1.04	Male reproductive organs	2R:-:4751528-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_60069	FEELKTEYEPLLK	AGAP001424-PA	-	70	1.07E-06	1	1638.865	1.2	Head	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_60448	GVVDSDDLPLNVSR	AGAP001424-PA	-	65	5.20E-06	2	1485.755	0.33	Visceras	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_60551	EEALDFLEDDTVK	AGAP001424-PA	-	70	1.36E-06	2	1523.716	3.2	Malpighian tubule	2R:-:4751681-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_61108	SEDSTDEEEEDVKVEEEEATDSDKPK	AGAP001424-PA	-	155	1.50E-15	1	2969.241	0.77	Salivary gland	2R:-:4751528-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_61701	EGFTLNESEESK	AGAP001424-PA	-	62	6.26E-06	2	1369.611	-0.52	Midgut	2R:-:4750640-4750605	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_62268	QDNIYFIAGPNR	AGAP001424-PA	-	65	4.24E-06	1	1407.708	4.85	Malpighian tubule	2R:-:4750817-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_62278	GVVDSDDLPLNVSR	AGAP001424-PA	-	107	3.15E-10	1	1485.756	0.82	Pupa	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_64016	VFITDEFNDMMPNYLSFIR	AGAP001424-PA	M10(Oxidation), M11(Oxidation)	118	1.89E-11	1	2384.099	2.03	Salivary gland	2R:-:4751174-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_64490	VLHIIDTGIGMTK	AGAP001424-PA	M11(Oxidation)	50	7.46E-05	2	1413.780	2.03	Larva	2R:-:4752011-4751973	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_65128	LLSLTDPSVLDSNR	AGAP001424-PA	-	84	4.46E-08	2	1529.817	0.1	Midgut	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_65968	TVWNWEIMNDSKPIWTR	AGAP001424-PA	M8(Oxidation)	46	0.000435845	1	2192.058	-0.45	Midgut	2R:-:4751432-4751382	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_66266	NKEYTSLSDYVAR	AGAP001424-PA	N1(Deamidated)	106	3.53E-10	1	1545.755	0.26	Salivary gland	2R:-:4750868-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_66948	VSDVTDEEYTEFYK	AGAP001424-PA	-	99	8.23E-10	1	1724.753	-0.55	Male reproductive organs	2R:-:4751378-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_67318	LGIMEDPSNR	AGAP001424-PA	M4(Oxidation)	52	6.47E-05	1	1147.540	-0.71	Midgut	2R:-:4750943-4750914	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_67488	ELISNASDALDKIR	AGAP001424-PA	-	131	1.05E-12	1	1544.833	3.15	Salivary gland	2R:-:4752134-4752093	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_67539	KVSDVTDEEYTEFYK	AGAP001424-PA	-	135	3.77E-13	1	1852.850	0.54	Male reproductive organs	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_67551	RVEVDSDDIVAK	AGAP001424-PA	-	40	0.001418164	2	1345.701	3.98	Malpighian tubule	2R:-:4750322-4750287	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_68689	NKEIFLR	AGAP001424-PA	N1(Deamidated)	44	0.000248211	1	919.538	2.11	Salivary gland	2R:-:4752155-4752135	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_69384	SGFQLPETADFADSVER	AGAP001424-PA	-	117	2.54E-11	1	1868.874	4.28	Salivary gland	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_69725	TDDPQRHYYLNQK	AGAP001424-PA	-	59	2.10E-05	1	1677.803	2.92	Malpighian tubule	2R:-:4750412-4750374	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_70715	GSQVSLHLKEEALDFLEDDTVK	AGAP001424-PA	-	148	1.96E-14	1	2473.246	0.16	Salivary gland	2R:-:4751708-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_71354	LLSLTDPSVLDSNR	AGAP001424-PA	-	107	1.90E-10	1	1529.819	1.38	Visceras	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_71523	LALANAHQK	AGAP001424-PA	-	60	6.76E-06	1	965.554	1.32	Malpighian tubule	2R:-:4750439-4750413	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_71759	SEDSTDEEEEDVK	AGAP001424-PA	-	95	5.09E-10	1	1511.590	2.35	Head	2R:-:4751528-4751490	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_73260	EGFTLNESEESK	AGAP001424-PA	-	43	0.000613873	2	1369.616	2.87	Pupa	2R:-:4750640-4750605	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_73436	AEIEKSPFVER	AGAP001424-PA	-	45	0.000563697	1	1304.688	2.57	Malpighian tubule	2R:-:4750781-4750749	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_76202	LGIMEDPSNR	AGAP001424-PA	M4(Oxidation)	40	0.001119535	2	1147.539	-2.09	Pupa	2R:-:4750943-4750914	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_77056	QDNIYFIAGPNR	AGAP001424-PA	-	78	2.10E-07	2	1407.705	2.34	Male reproductive organs	2R:-:4750817-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_77253	QDNIYFIAGPNR	AGAP001424-PA	-	81	1.18E-07	2	1407.707	3.81	Salivary gland	2R:-:4750817-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_77518	LLSLTDPSVLDSNR	AGAP001424-PA	-	122	6.20E-12	1	1529.820	2.02	Ovary	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_80088	VFITDEFNDMMPNYLSFIR	AGAP001424-PA	M10(Oxidation), M11(Oxidation)	95	4.04E-09	1	2384.101	3.16	Ovary	2R:-:4751174-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_80383	TVWNWEIMNDSKPIWTR	AGAP001424-PA	M8(Oxidation)	104	6.03E-10	1	2192.064	1.86	Larva	2R:-:4751432-4751382	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_80803	KTLEINPR	AGAP001424-PA	-	52	3.71E-05	2	970.567	-1.21	Salivary gland	2R:-:4750373-4750350	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_82201	RVEVDSDDIVAK	AGAP001424-PA	-	62	1.04E-05	1	1345.695	-0.28	Male reproductive organs	2R:-:4750322-4750287	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_82586	QDLVNNLGTIAK	AGAP001424-PA	-	84	3.62E-08	2	1285.714	2.19	Malpighian tubule	2R:-:4751972-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_83000	GVVDSDDLPLNVSR	AGAP001424-PA	-	85	5.19E-08	1	1485.761	4.44	Larva	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_83357	SEDSTDEEEEDVKVEEEEATDSDKPK	AGAP001424-PA	-	125	1.50E-12	1	2969.246	2.25	Ovary	2R:-:4751528-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_83470	ELISNASDALDKIR	AGAP001424-PA	-	107	2.32E-10	1	1544.830	1.02	Male reproductive organs	2R:-:4752134-4752093	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_83851	ELISNASDALDK	AGAP001424-PA	-	81	1.58E-07	2	1275.643	-0.19	Midgut	2R:-:4752134-4752099	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_83934	EGFTLNESEESKAR	AGAP001424-PA	-	89	1.64E-08	1	1596.752	1.51	Malpighian tubule	2R:-:4750640-4750599	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_84203	SLLFVPK	AGAP001424-PA	-	37	0.000443824	2	803.503	0.56	Male reproductive organs	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_84427	EYTSLSDYVAR	AGAP001424-PA	-	47	0.000333743	2	1303.617	0	Head	2R:-:4750862-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_84922	LIINSLYR	AGAP001424-PA	-	64	1.13E-06	1	991.598	4.59	Ovary	2R:-:4752179-4752156	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_86973	EEALDFLEDDTVK	AGAP001424-PA	-	65	3.79E-06	1	1523.714	1.75	Head	2R:-:4751681-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_87720	EGFTLNESEESK	AGAP001424-PA	-	56	2.91E-05	2	1369.614	1.53	Male reproductive organs	2R:-:4750640-4750605	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_87789	NKEYTSLSDYVAR	AGAP001424-PA	-	65	4.65E-06	1	1545.754	-0.21	Head	2R:-:4750868-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_88569	TVWNWEIMNDSKPIWTR	AGAP001424-PA	M8(Oxidation),"M8(Oxidation), N9(Deamidated)"	114	5.87E-11	1	2192.069	4.43	Salivary gland	2R:-:4751432-4751382	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_89053	VSDVTDEEYTEFYK	AGAP001424-PA	-	110	6.87E-11	1	1724.757	2.14	Head	2R:-:4751378-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_89230	GSQVSLHLKEEALDFLEDDTVK	AGAP001424-PA	-	54	5.02E-05	3	2473.254	3.27	Pupa	2R:-:4751708-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_89498	TDAEAVK	AGAP001424-PA	-	45	0.000618983	2	733.373	0.12	Salivary gland	2R:-:4752311-4752291	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_89516	IDKEQYEQFWK	AGAP001424-PA	-	92	9.66E-09	1	1513.737	3.07	Salivary gland	2R:-:4750997-4750965	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_89524	FEELKTEYEPLLK	AGAP001424-PA	-	78	1.55E-07	1	1638.863	0.45	Malpighian tubule	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_90195	ELISNASDALDKIR	AGAP001424-PA	-	118	1.60E-11	1	1544.835	4.26	Malpighian tubule	2R:-:4752134-4752093	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_90393	VFITDEFNDMMPNYLSFIR	AGAP001424-PA	M10(Oxidation), M11(Oxidation)	75	3.98E-07	1	2384.106	5.1	Larva	2R:-:4751174-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_90461	LLSLTDPSVLDSNR	AGAP001424-PA	-	49	0.000128511	2	1529.823	3.93	Larva	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_90536	SGFQLPETADFADSVER	AGAP001424-PA	-	109	1.41E-10	1	1868.867	0.36	Male reproductive organs	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_90832	EGFTLNESEESKAR	AGAP001424-PA	-	43	0.000661567	1	1596.751	0.73	Salivary gland	2R:-:4750640-4750599	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_90882	SLLFVPK	AGAP001424-PA	-	48	4.22E-05	2	803.503	0.18	Salivary gland	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_92037	LIINSLYR	AGAP001424-PA	-	59	5.22E-06	2	991.592	-1.51	Pupa	2R:-:4752179-4752156	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_92186	SGTADFLSK	AGAP001424-PA	-	31	0.006882142	1	925.463	0	Head	2R:-:4751936-4751910	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_92368	FEELKTEYEPLLK	AGAP001424-PA	-	61	8.78E-06	1	1638.866	2.12	Visceras	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_92370	EQYEQFWK	AGAP001424-PA	-	41	0.000646948	1	1157.527	0.43	Salivary gland	2R:-:4750988-4750965	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_92384	LGIMEDPSNR	AGAP001424-PA	M4(Oxidation)	65	4.03E-06	1	1131.550	2.99	Malpighian tubule	2R:-:4750943-4750914	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_93410	QDNIYFIAGPNR	AGAP001424-PA	-	54	5.20E-05	2	1407.707	4.16	Ovary	2R:-:4750817-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_94001	LLSLTDPSVLDSNR	AGAP001424-PA	-	122	6.93E-12	1	1529.817	0.26	Male reproductive organs	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_94197	VLHIIDTGIGMTKQDLVNNLGTIAK	AGAP001424-PA	M11(Oxidation)	100	1.83E-10	1	2664.489	4.9	Malpighian tubule	2R:-:4752011-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_94917	FEELKTEYEPLLK	AGAP001424-PA	-	109	1.36E-10	1	1638.868	3.29	Salivary gland	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_95113	EYTSLSDYVAR	AGAP001424-PA	-	62	1.02E-05	2	1303.618	1.12	Salivary gland	2R:-:4750862-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_95325	NKEYTSLSDYVAR	AGAP001424-PA	-	93	6.66E-09	1	1545.753	-0.76	Male reproductive organs	2R:-:4750868-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_95761	EEALDFLEDDTVK	AGAP001424-PA	-	82	7.55E-08	2	1523.720	5.92	Midgut	2R:-:4751681-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_96276	LLSLTDPSVLDSNR	AGAP001424-PA	-	100	9.78E-10	1	1529.819	1.54	Pupa	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_96561	ELISNASDALDKIR	AGAP001424-PA	-	102	7.34E-10	1	1544.827	-0.32	Midgut	2R:-:4752134-4752093	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_96910	VSDVTDEEYTEFYK	AGAP001424-PA	-	114	3.26E-11	1	1724.762	4.69	Larva	2R:-:4751378-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_96932	VEEEEATDSDKPK	AGAP001424-PA	-	81	9.00E-08	1	1476.673	2.23	Midgut	2R:-:4751489-4751451	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_97623	ADGQDVNDMIGQFGVGFYSAFLVADR	AGAP001424-PA	M9(Oxidation)	100	1.43E-09	1	2808.313	6.77	Salivary gland	2R:-:4751891-4751814	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_97830	WLNDVALK	AGAP001424-PA	-	50	0.000152834	2	958.536	0	Salivary gland	2R:-:4750559-4750536	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_97872	ELISNASDALDK	AGAP001424-PA	N5(Deamidated)	85	6.06E-08	1	1275.644	1.15	Salivary gland	2R:-:4752134-4752099	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_98281	SLLFVPK	AGAP001424-PA	-	48	3.37E-05	2	803.505	2.91	Larva	2R:-:4751264-4751244	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_99953	LIINSLYR	AGAP001424-PA	-	54	1.59E-05	1	991.595	1.88	Malpighian tubule	2R:-:4752179-4752156	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_100158	HNDDKQYIWESDAASFSIVEDPR	AGAP001424-PA	-	130	1.41E-12	1	2722.258	7.35	Salivary gland	2R:-:4751795-4751727	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_100779	VEVDSDDIVAK	AGAP001424-PA	-	61	1.57E-05	2	1189.594	-0.38	Salivary gland	2R:-:4750319-4750287	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_101086	EEALDFLEDDTVK	AGAP001424-PA	-	77	2.34E-07	1	1523.718	4.56	Salivary gland	2R:-:4751681-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_101672	GVVDSDDLPLNVSR	AGAP001424-PA	-	100	1.48E-09	1	1485.753	-0.99	Male reproductive organs	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_102572	KALDMIK	AGAP001424-PA	M5(Oxidation)	46	0.000187063	2	818.479	-1.54	Salivary gland	2R:-:4751021-4751001	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_102841	FEELKTEYEPLLK	AGAP001424-PA	-	71	7.73E-07	1	1638.864	0.78	Pupa	2R:-:4750598-4750560	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_103110	GVVDSDDLPLNVSR	AGAP001424-PA	-	91	1.07E-08	1	1485.754	-0.57	Head	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_103367	GVVDSDDLPLNVSR	AGAP001424-PA	-	100	1.60E-09	1	1485.757	2.05	Malpighian tubule	2R:-:4751117-4751076	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_103630	QDLVNNLGTIAK	AGAP001424-PA	-	78	1.37E-07	2	1285.709	-1.42	Male reproductive organs	2R:-:4751972-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_103641	QDNIYFIAGPNR	AGAP001424-PA	-	58	2.96E-05	2	1407.693	-6.33	Head	2R:-:4750817-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_104224	LALANAHQK	AGAP001424-PA	-	55	1.73E-05	1	965.551	-1.4	Male reproductive organs	2R:-:4750439-4750413	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_104337	FTFQAEVNR	AGAP001424-PA	-	65	4.12E-06	1	1111.552	-1.08	Malpighian tubule	2R:-:4752215-4752189	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_104518	TLEINPR	AGAP001424-PA	-	46	0.00018418	1	842.475	2.68	Salivary gland	2R:-:4750370-4750350	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_104861	EYTSLSDYVAR	AGAP001424-PA	-	52	9.17E-05	2	1303.616	-0.09	Male reproductive organs	2R:-:4750862-4750830	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_105015	VFITDEFNDMMPNYLSFIR	AGAP001424-PA	M10(Oxidation), M11(Oxidation)	72	8.79E-07	2	2384.107	5.61	Malpighian tubule	2R:-:4751174-4751118	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_105312	DMAVLMFNTATLR	AGAP001424-PA	M2(Oxidation), M6(Oxidation)	64	5.43E-06	2	1514.734	-0.29	Midgut	2R:-:4750286-4750248	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_105428	TVWNWEIMNDSKPIWTR	AGAP001424-PA	-	62	1.13E-05	1	2176.067	1.02	Ovary	2R:-:4751432-4751382	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_105870	GSQVSLHLKEEALDFLEDDTVK	AGAP001424-PA	-	98	1.77E-09	1	2473.247	0.68	Midgut	2R:-:4751708-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_106094	LLSLTDPSVLDSNRNLEVK	AGAP001424-PA	-	37	0.001224753	1	2113.149	-0.42	Salivary gland	2R:-:4752092-4752036	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_106587	KVSDVTDEEYTEFYK	AGAP001424-PA	-	111	8.11E-11	1	1852.850	0.74	Head	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_106656	VSDVTDEEYTEFYK	AGAP001424-PA	-	134	2.77E-13	1	1724.754	0.09	Salivary gland	2R:-:4751378-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_108237	GSQVSLHLKEEALDFLEDDTVK	AGAP001424-PA	-	99	1.38E-09	1	2473.258	4.97	Larva	2R:-:4751708-4751643	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_108785	SGTADFLSK	AGAP001424-PA	-	39	0.001160976	2	925.466	3.35	Male reproductive organs	2R:-:4751936-4751910	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_109361	MKPKQDNIYFIAGPNR	AGAP001424-PA	M1(Oxidation)	38	0.002256739	1	1907.987	3.61	Malpighian tubule	2R:-:4750829-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA

JHU_Ag_109661	SGFQLPETADFADSVER	AGAP001424-PA	-	71	1.02E-06	1	1868.868	0.89	Pupa	2R:-:4750247-4750197	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_109847	SGTADFLSK	AGAP001424-PA	-	36	0.002402833	1	925.463	0.66	Pupa	2R:-:4751936-4751910	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_110135	KVSDVTDEEYTEFYK	AGAP001424-PA	-	138	1.79E-13	1	1852.851	1.47	Salivary gland	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_112446	LSNSPCALVASMFGWTGNMER	AGAP001424-PA	C6(Carbamidomethyl), M12(Oxidation), M19(Oxidation)	109	1.41E-10	1	2360.055	3.56	Salivary gland	2R:-:4750502-4750440	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_112777	SGTADFLSK	AGAP001424-PA	-	36	0.002504515	1	925.463	0.8	Midgut	2R:-:4751936-4751910	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_112871	KVSDVTDEEYTEFYK	AGAP001424-PA	-	120	1.15E-11	1	1852.855	3.51	Larva	2R:-:4751381-4751337	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_113375	YSQFINFPIYMWTSK	AGAP001424-PA	M11(Oxidation)	74	7.01E-07	1	1940.928	1.4	Midgut	2R:-:4751627-4751583	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_113630	FQNVAK	AGAP001424-PA	-	40	0.001376714	1	706.389	0.98	Ovary	2R:-:4750658-4750641	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_113634	VLHIIDTGIGMTK	AGAP001424-PA	M11(Oxidation)	79	1.19E-07	1	1413.777	-0.04	Male reproductive organs	2R:-:4752011-4751973	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_113881	KTVWNWEIMNDSKPIWTR	AGAP001424-PA	M9(Oxidation)	110	1.64E-10	1	2320.162	3.41	Salivary gland	2R:-:4751435-4751382	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_114717	EYSTNIK	AGAP001424-PA	-	35	0.003158128	1	854.425	-0.39	Male reproductive organs	2R:-:4750964-4750944	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_115077	RVEVDSDDIVAK	AGAP001424-PA	-	73	7.65E-07	1	1345.697	1.08	Salivary gland	2R:-:4750322-4750287	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_115711	QDLVNNLGTIAK	AGAP001424-PA	-	74	3.63E-07	2	1285.716	3.71	Midgut	2R:-:4751972-4751937	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_115945	QDNIYFIAGPNR	AGAP001424-PA	-	55	4.85E-05	2	1407.707	3.9	Pupa	2R:-:4750817-4750782	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_116099	LLSLTDPSVLDSNR	AGAP001424-PA	-	109	1.32E-10	1	1529.817	-0.22	Salivary gland	2R:-:4752092-4752051	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_116851	LIINSLYR	AGAP001424-PA	-	40	0.00042	1	991.595	1.82	Visceras	2R:-:4752179-4752156	exon=> In CDS Exon 2 of transcript AGAP001424-PA
JHU_Ag_50467	TQGYVGDFETFYNYFEK	AGAP001425-PA	-	108	1.46E-10	1	2107.932	1.67	Ovary	2R:-:4754082-4754032	exon=> In CDS Exon 5 of transcript AGAP001425-PA
JHU_Ag_103922	TGFVQVGEK	AGAP001425-PA	-	51	0.000119084	2	964.507	-2.65	Ovary	2R:-:4754780-4754754	exon=> In CDS Exon 2 of transcript AGAP001425-PA
JHU_Ag_104792	AVGILNSGEQGFVR	AGAP001425-PA	-	104	4.69E-10	1	1446.772	1.12	Ovary	2R:-:4753719-4753678	exon=> In CDS Exon 6 of transcript AGAP001425-PA
JHU_Ag_112144	TAAFLGK	AGAP001425-PA	-	32	0.001980715	1	707.408	-0.36	Ovary	2R:-:4753833-4753813	exon=> In CDS Exon 6 of transcript AGAP001425-PA
JHU_Ag_116189	THLPISLLPPSVFEQK	AGAP001425-PA	-	46	0.00010195	1	1806.014	-1.31	Ovary	2R:-:4754275-4754228	exon=> In CDS Exon 4 of transcript AGAP001425-PA
JHU_Ag_73167	TAQQLELEQR	AGAP001427-PA	Q3(Deamidated), Q4(Deamidated), Q9(Deamidated)	40	0.001526428	1	1218.585	-0.1	Pupa	2R:-:4770679-4770650	exon=> In CDS Exon 1 of transcript AGAP001427-PA
JHU_Ag_3460	CIAEVQR	AGAP001430-PA	C1(Carbamidomethyl), Q6(Deamidated)	45	0.000527558	2	876.424	-0.41	Malpighian tubule	2R:-:4794444-4794424	exon=> In CDS Exon 2 of transcript AGAP001430-PA
JHU_Ag_36141	LLPTDTIFLRPFLMVPVAK	AGAP001430-PA	M14(Oxidation)	72	9.41E-08	1	2187.269	3.67	Ovary	2R:-:4794759-4794703	exon=> In CDS Exon 2 of transcript AGAP001430-PA
JHU_Ag_84003	TDTLQGLALK	AGAP001430-PA	Q5(Deamidated)	48	0.000169561	2	1060.604	14.3	Salivary gland	2R:-:4794926-4794897	exon=> In CDS Exon 1 of transcript AGAP001430-PA

JHU_Ag_37945	HPGDPLALEK	AGAP001434-PA,AGAP001434-PB,AGAP001434-PC	-	42	0.000916483	1	1076.568	-4.77	Head	2R:-:4851316-4851287;2R:-:4851316-4851287;2R:-:4851316-4851287	exon=> In CDS Exon 9 of transcript AGAP001434-PA;exon=> In CDS Exon 9 of transcript AGAP001434-PB;exon=> In CDS Exon 9 of transcript AGAP001434-PC
JHU_Ag_2430	GVDLNDIESTK	AGAP001435-PA	-	61	1.17E-05	2	1190.591	0.44	Salivary gland	2R:-:4950005-4949973	exon=> In CDS Exon 8 of transcript AGAP001435-PA
JHU_Ag_61594	GHIYVVPSDR	AGAP001435-PA	-	35	0.003783597	1	1142.592	-2.51	Head	2R:-:4960306-4960277	exon=> In CDS Exon 3 of transcript AGAP001435-PA
JHU_Ag_89068	LSLNEFTLICR	AGAP001435-PA	C10(Carbamidomethyl)	79	1.40E-07	2	1365.725	3.91	Midgut	2R:-:4960360-4960328	exon=> In CDS Exon 3 of transcript AGAP001435-PA
JHU_Ag_106977	VVEHGVK	AGAP001435-PA	-	47	7.17E-05	2	767.441	-0.67	Head	2R:-:4951927-4951907	exon=> In CDS Exon 7 of transcript AGAP001435-PA
JHU_Ag_19138	NRTAHVK	AGAP001438-PA	-	29	0.007756537	1	825.461	-9.7	Head	2R:-:5022431-5022411	exon=> In CDS Exon 5 of transcript AGAP001438-PA
JHU_Ag_26320	LVDQWDQLHALQALGVK	AGAP001438-PA	-	29	0.008601213	1	1934.059	4.9	Head	2R:-:5026287-5026237	exon=> In CDS Exon 1 of transcript AGAP001438-PA
JHU_Ag_42393	AVPVIRPAR	AGAP001438-PA	-	30	0.001079923	2	978.621	0.44	Head	2R:-:5026153-5026127	exon=> In CDS Exon 2 of transcript AGAP001438-PA
JHU_Ag_44438	LGTVNNAATAITR	AGAP001438-PA	-	88	2.29E-08	1	1301.715	-1.53	Head	2R:-:5024617-5024579	exon=> In CDS Exon 3 of transcript AGAP001438-PA
JHU_Ag_84506	LGTVNNAATAITR	AGAP001438-PA	-	72	8.55E-07	2	1301.723	4.09	Malpighian tubule	2R:-:5024617-5024579	exon=> In CDS Exon 3 of transcript AGAP001438-PA
JHU_Ag_85360	LVDQWDQLHALQALGVK	AGAP001438-PA	-	30	0.005284088	1	1934.066	8.31	Ovary	2R:-:5026287-5026237	exon=> In CDS Exon 1 of transcript AGAP001438-PA
JHU_Ag_93785	VNASIVGTR	AGAP001438-PA	-	71	2.08E-06	2	916.523	1.93	Malpighian tubule	2R:-:5024338-5024312	exon=> In CDS Exon 3 of transcript AGAP001438-PA
JHU_Ag_4295	TYHALSNLPK	AGAP001440-PB	-	45	0.000411249	2	1143.617	1.23	Malpighian tubule	2R:+:5050393-5050422	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_6582	TYHALSNLPK	AGAP001440-PB	-	52	8.51E-05	1	1143.616	0.27	Pupa	2R:+:5050393-5050422	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_7274	AVAEASHK	AGAP001440-PB	-	36	0.001504498	2	812.428	1.73	Head	2R:+:5050899-5050922	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_11175	AKELADLIK	AGAP001440-PB	-	62	4.53E-06	1	1000.605	0.88	Malpighian tubule	2R:+:5050054-5050080	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_14520	SLADFQDALK	AGAP001440-PB	-	71	1.36E-06	2	1107.568	-0.4	Midgut	2R:+:5050926-5050955	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_14846	TYETALETIQHMGK	AGAP001440-PB	M12(Oxidation)	57	3.42E-05	1	1637.786	0.95	Midgut	2R:+:5051220-5051261	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_15600	VQATLDLQSGILHAADERDFK	AGAP001440-PB	-	75	3.32E-07	1	2327.206	2.94	Ovary	2R:+:5050566-5050628	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_15882	AVAEASHKR	AGAP001440-PB	-	40	0.000715101	2	968.526	-1.12	Male reproductive organs	2R:+:5050899-5050925	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_16567	VQATLDLQSGILHAADER	AGAP001440-PB	-	47	0.000252691	1	1937.010	0.59	Male reproductive organs	2R:+:5050566-5050619	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_18544	VQATLDLQSGILHAADER	AGAP001440-PB	-	150	1.27E-14	1	1937.007	-0.79	Salivary gland	2R:+:5050566-5050619	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_18970	VQATLDLQSGILHAADER	AGAP001440-PB	-	61	1.08E-05	1	1937.009	0.31	Ovary	2R:+:5050566-5050619	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_21251	ILELGETYKK	AGAP001440-PB	-	79	8.02E-08	1	1193.678	-0.1	Malpighian tubule	2R:+:5050015-5050044	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_21320	TTANAIYCAPK	AGAP001440-PB	C8(Carbamidomethyl)	59	1.84E-05	2	1209.593	0.03	Pupa	2R:+:5050533-5050565	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_23422	IMLGQSDDVNQIVSGK	AGAP001440-PB	M2(Oxidation)	111	1.35E-10	1	1703.862	-0.59	Malpighian tubule	2R:+:5050725-5050772	exon=> In CDS Exon 2 of transcript AGAP001440-PB

JHU_Ag_24471	VTRPFLSFLSK	AGAP001440-PB	-	58	5.52E-06	1	1294.752	0.35	Male reproductive organs	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_25147	TTANAIYCAPK	AGAP001440-PB	C8(Carbamidomethyl)	75	4.72E-07	2	1209.591	-1.69	Midgut	2R:+:5050533-5050565	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_31427	VQATLDLQSGILHAADER	AGAP001440-PB	-	69	1.65E-06	1	1937.007	-1.01	Head	2R:+:5050566-5050619	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_35308	AHLGTLYDTMLEQNLCR	AGAP001440-PB	M10(Oxidation), C16(Carbamidomethyl)	82	9.61E-08	1	2050.971	1.33	Ovary	2R:+:5050995-5051045	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_36622	NLLVEVQLLESK	AGAP001440-PB	-	79	5.72E-08	2	1384.809	3.13	Pupa	2R:+:5050357-5050392	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_37430	SLADFQDALK	AGAP001440-PB	-	49	0.000209464	2	1107.569	0.92	Ovary	2R:+:5050926-5050955	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_40869	VTRPFLSFLSK	AGAP001440-PB	-	44	0.000146916	1	1294.755	2.57	Head	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_41341	LAITYSGR	AGAP001440-PB	-	41	0.000690265	2	880.490	1.22	Ovary	2R:+:5050773-5050775,5050860-5050880	exon=> In CDS Exon 2 and 3 of transcript AGAP001440-PB
JHU_Ag_41421	DLEVDENDEEQIRQK	AGAP001440-PB	-	96	3.44E-09	1	1859.866	2.18	Ovary	2R:+:5049961-5050005	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_41639	VQATLDLQSGILHAADER	AGAP001440-PB	-	97	2.62E-09	2	1937.009	0.22	Midgut	2R:+:5050566-5050619	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_45666	LDDKNLLVEVQLLESK	AGAP001440-PB	-	56	1.39E-05	3	1856.041	1.56	Pupa	2R:+:5050345-5050392	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_48910	IMLGQSDDVNQIVSGK	AGAP001440-PB	M2(Oxidation)	98	3.10E-09	1	1719.860	1.1	Male reproductive organs	2R:+:5050725-5050772	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_52945	IIEPYSQCEVSFIAEQIALPIAQVEK	AGAP001440-PB	C8(Carbamidomethyl)	37	0.001735486	1	2975.550	2.31	Salivary gland	2R:+:5051046-5051123	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_53499	IMLGQSDDVNQIVSGK	AGAP001440-PB	M2(Oxidation)	153	8.50E-15	1	1719.859	0.53	Ovary	2R:+:5050725-5050772	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_53694	AKELADLIK	AGAP001440-PB	-	41	0.000497943	1	1000.603	-0.34	Midgut	2R:+:5050054-5050080	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_54706	AHLGTLYDTMLEQNLCR	AGAP001440-PB	M10(Oxidation), C16(Carbamidomethyl)	75	4.58E-07	1	2050.975	2.98	Salivary gland	2R:+:5050995-5051045	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_54780	AHLGTLYDTMLEQNLCR	AGAP001440-PB	M10(Oxidation), C16(Carbamidomethyl)	67	3.02E-06	1	2050.975	3.21	Malpighian tubule	2R:+:5050995-5051045	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_55944	VTRPFLSFLSK	AGAP001440-PB	-	65	1.00E-06	1	1294.753	0.7	Visceras	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_56213	DLEVDENDEEQIR	AGAP001440-PB	-	98	1.35E-09	1	1603.711	1.69	Head	2R:+:5049961-5049999	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_56969	VTRPFLSFLSK	AGAP001440-PB	-	63	1.78E-06	1	1294.755	2.68	Malpighian tubule	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_57593	VTRPFLSFLSK	AGAP001440-PB	-	28	0.006004529	1	1294.750	-1.56	Midgut	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_58375	LIALYFDTGMYTEALNLGSQLLK	AGAP001440-PB	M10(Oxidation)	106	2.86E-10	1	2590.342	-2.18	Ovary	2R:+:5050264-5050332	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_63773	TYHALSNLPK	AGAP001440-PB	-	40	0.001256414	2	1143.615	-0.91	Ovary	2R:+:5050393-5050422	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_64073	VQATLDLQSGILHAADER	AGAP001440-PB	-	123	6.41E-12	1	1937.010	0.54	Pupa	2R:+:5050566-5050619	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_70619	ILELGETYKK	AGAP001440-PB	-	34	0.002601065	1	1193.677	-0.5	Pupa	2R:+:5050015-5050044	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_73448	VTRPFLSFLSK	AGAP001440-PB	-	68	5.07E-07	1	1294.749	-2.2	Pupa	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_73508	IMLGQSDDVNQIVSGK	AGAP001440-PB	M2(Oxidation)	106	5.03E-10	1	1719.858	0.1	Midgut	2R:+:5050725-5050772	exon=> In CDS Exon 2 of transcript AGAP001440-PB

JHU_Ag_77421	TTANAIYCAPK	AGAP001440-PB	C8(Carbamidomethyl)	89	1.63E-08	2	1209.594	0.73	Salivary gland	2R:+:5050533-5050565	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_78549	AQSHSLNRQDMTNFAR	AGAP001440-PB	-	55	4.80E-05	1	1875.890	1.32	Malpighian tubule	2R:+:5049913-5049960	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_79067	TYHALSNLPK	AGAP001440-PB	-	49	0.000164619	2	1143.616	0.05	Midgut	2R:+:5050393-5050422	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_79963	ELEDDVIVK	AGAP001440-PB	-	40	0.001263923	1	1059.560	2.64	Ovary	2R:+:5050968-5050994	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_81723	SLADFQDALK	AGAP001440-PB	-	70	1.48E-06	2	1107.569	0.7	Pupa	2R:+:5050926-5050955	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_82481	IIEPYSQCEVSFIAEQIALPIAQVEK	AGAP001440-PB	C8(Carbamidomethyl)	66	2.46E-06	1	2975.542	-0.39	Ovary	2R:+:5051046-5051123	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_82908	TYETALETIQHMGK	AGAP001440-PB	M12(Oxidation)	64	7.54E-06	1	1637.788	2.15	Salivary gland	2R:+:5051220-5051261	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_83837	AVAEASHK	AGAP001440-PB	-	33	0.003459882	2	812.425	-1.2	Ovary	2R:+:5050899-5050922	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_84888	ILELGETYKK	AGAP001440-PB	-	65	1.78E-06	1	1193.676	-1.02	Salivary gland	2R:+:5050015-5050044	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_86178	ILELGETYKK	AGAP001440-PB	-	43	0.000317798	2	1193.677	-0.21	Ovary	2R:+:5050015-5050044	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_86866	AKELADLIK	AGAP001440-PB	-	52	2.57E-05	1	1000.605	1.49	Ovary	2R:+:5050054-5050080	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_87054	VTRPFLSFLSK	AGAP001440-PB	-	60	3.53E-06	2	1294.753	1.07	Salivary gland	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_88280	LDDKNLLVEVQLLESK	AGAP001440-PB	-	66	1.26E-06	3	1856.045	4.02	Ovary	2R:+:5050345-5050392	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_94098	TTANAIYCAPK	AGAP001440-PB	C8(Carbamidomethyl)	62	8.70E-06	2	1209.596	2.35	Ovary	2R:+:5050533-5050565	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_94686	ELADLIK	AGAP001440-PB	-	41	0.001094184	2	801.473	1.42	Ovary	2R:+:5050060-5050080	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_96828	LAITYSGR	AGAP001440-PB	-	41	0.000729485	2	880.489	0.87	Pupa	2R:+:5050773-5050775,5050860-5050880	exon=> In CDS Exon 2 and 3 of transcript AGAP001440-PB
JHU_Ag_98244	AGAMMIDR	AGAP001440-PB	N-Term(Acetyl), M4(Oxidation), M5(Oxidation)	36	0.002431149	2	938.408	0.92	Ovary	2R:+:5049889-5049912	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_102651	TTANAIYCAPK	AGAP001440-PB	C8(Carbamidomethyl)	69	1.70E-06	2	1209.598	4.06	Male reproductive organs	2R:+:5050533-5050565	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_102977	TAFSYFYEAFEGFDSVQSSK	AGAP001440-PB	-	117	1.99E-11	1	2310.025	0.31	Ovary	2R:+:5050629-5050688	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_103164	VQATLDLQSGILHAADER	AGAP001440-PB	-	34	0.004870915	1	1937.009	0.31	Malpighian tubule	2R:+:5050566-5050619	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_104810	VTRPFLSFLSK	AGAP001440-PB	-	60	3.15E-06	2	1294.757	4.27	Ovary	2R:+:5050081-5050113	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_105017	DLEVDENDEEQIR	AGAP001440-PB	-	79	1.10E-07	2	1603.710	1.31	Midgut	2R:+:5049961-5049999	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_107409	VVDTLYQK	AGAP001440-PB	-	54	3.77E-05	1	965.530	-0.24	Malpighian tubule	2R:+:5051262-5051285	exon=> In CDS Exon 3 of transcript AGAP001440-PB
JHU_Ag_113749	IMLGQSDDVNQIVSGK	AGAP001440-PB	M2(Oxidation)	102	1.03E-09	1	1703.863	-0.3	Salivary gland	2R:+:5050725-5050772	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_114020	LDDKNLLVEVQLLESK	AGAP001440-PB	-	72	3.26E-07	1	1856.042	2.44	Midgut	2R:+:5050345-5050392	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_114762	LAITYSGR	AGAP001440-PB	-	41	0.000736234	2	880.489	0.18	Midgut	2R:+:5050773-5050775,5050860-5050880	exon=> In CDS Exon 2 and 3 of transcript AGAP001440-PB

JHU_Ag_114795	TTANAIYCAPK	AGAP001440-PB	C8(Carbamidomethyl)	69	1.98E-06	1	1209.594	0.94	Malpighian tubule	2R:+:5050533-5050565	exon=> In CDS Exon 2 of transcript AGAP001440-PB
JHU_Ag_116848	TYHALSNLPK	AGAP001440-PB	-	40	0.001308693	1	1143.624	7.42	Salivary gland	2R:+:5050393-5050422	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_117042	NLLVEVQLLESK	AGAP001440-PB	-	106	1.53E-10	2	1384.803	-0.92	Midgut	2R:+:5050357-5050392	exon=> In CDS Exon 1 of transcript AGAP001440-PB
JHU_Ag_13901	KLDDK	AGAP001440-PB,AGAP010189-PA	-	39	0.002442084	1	618.344	-2.45	Head	2R:+:5050342-5050356;3R:-:50378776-50378762	exon=> In CDS Exon 1 of transcript AGAP001440-PB;exon=> In CDS Exon 1 of transcript AGAP010189-PA
JHU_Ag_56248	MDALDEIVPFLAK	AGAP001442-PA	N-Term(Acetyl), M1(Oxidation)	85	6.01E-08	2	1519.771	-0.04	Ovary	2R:+:5057406-5057444	exon=> In CDS Exon 1 of transcript AGAP001442-PA
JHU_Ag_65869	LLVQNETLLNNLLDLTGEESVAK	AGAP001442-PA	-	75	1.19E-07	3	2526.368	0.7	Ovary	2R:+:5057579-5057647	exon=> In CDS Exon 2 of transcript AGAP001442-PA
JHU_Ag_99324	VVSLSHVLGLTGSVDGIK	AGAP001442-PA	-	77	4.92E-08	1	1781.019	0.96	Ovary	2R:+:5057466-5057490,5057550-5057578	exon=> In CDS Exon 1 and 2 of transcript AGAP001442-PA
JHU_Ag_82448	IMLLK	AGAP001443-PA	M2(Oxidation)	30	0.00231319	1	633.396	-6.24	Midgut	2R:-:5058816-5058802	exon=> In CDS Exon 4 of transcript AGAP001443-PA
JHU_Ag_77020	VPLSDLEEDESQIFVK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PB	-	107	3.19E-10	1	1847.937	5.03	Midgut	2R:-:5147178-5147208,5142073-5142335;2R:-:5147178-5147208,5142073-5142335;2R:-:5147178-5147208,5142073-5142335;2R:-:5147178-5147208,5142073-5142335	exon=> In CDS Exon 10 and 9 of transcript AGAP001446-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP001446-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP001446-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP001446-PB
JHU_Ag_2142	IGSYNNIETATEDTSIITALHK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	103	6.62E-10	1	2391.206	0.94	Ovary	2R:-:5141668-5141603;2R:-:5141668-5141603;2R:-:5141668-5141603;2R:-:5141668-5141603;2R:-:5141668-5141603	exon=> In CDS Exon 12 of transcript AGAP001446-PC;exon=> In CDS Exon 8 of transcript AGAP001446-PE;exon=> In CDS Exon 9 of transcript AGAP001446-PA;exon=> In CDS Exon 5 of transcript AGAP001446-PD;exon=> In CDS Exon 10 of transcript AGAP001446-PB
JHU_Ag_3070	LVVFDTQLLVK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	36	0.000414461	2	1274.776	3.05	Salivary gland	2R:-:5142286-5142254;2R:-:5142286-5142254;2R:-:5142286-5142254;2R:-:5142286-5142254;2R:-:5142286-5142254	exon=> In CDS Exon 10 of transcript AGAP001446-PC;exon=> In CDS Exon 6 of transcript AGAP001446-PE;exon=> In CDS Exon 7 of transcript AGAP001446-PA;exon=> In CDS Exon 3 of transcript AGAP001446-PD;exon=> In CDS Exon 8 of transcript AGAP001446-PB

JHU_Ag_47825	ETTEEDAEQEQQDAAAHK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	47	0.000125121	1	2029.865	3.21	Malpighian tubule	2R:-:5141053-5141000;2R:-:5141053-5141000;2R:-:5141053-5141000;2R:-:5141053-5141000	exon=> In CDS Exon 13 of transcript AGAP001446-PC;exon=> In CDS Exon 9 of transcript AGAP001446-PE;exon=> In CDS Exon 10 of transcript AGAP001446-PA;exon=> In CDS Exon 6 of transcript AGAP001446-PD;exon=> In CDS Exon 11 of transcript AGAP001446-PB
JHU_Ag_52801	LVSIGPDASLYDAIK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	35	0.003664657	2	1561.846	-0.9	Midgut	2R:-:5141952-5141908;2R:-:5141952-5141908;2R:-:5141952-5141908;2R:-:5141952-5141908	exon=> In CDS Exon 11 of transcript AGAP001446-PC;exon=> In CDS Exon 7 of transcript AGAP001446-PE;exon=> In CDS Exon 8 of transcript AGAP001446-PA;exon=> In CDS Exon 4 of transcript AGAP001446-PD;exon=> In CDS Exon 9 of transcript AGAP001446-PB
JHU_Ag_86912	LPVIDPVTGNVLYILTHK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	96	4.42E-10	1	1992.146	-3.6	Midgut	2R:-:5141880-5141827;2R:-:5141880-5141827;2R:-:5141880-5141827;2R:-:5141880-5141827	exon=> In CDS Exon 11 of transcript AGAP001446-PC;exon=> In CDS Exon 7 of transcript AGAP001446-PE;exon=> In CDS Exon 8 of transcript AGAP001446-PA;exon=> In CDS Exon 4 of transcript AGAP001446-PD;exon=> In CDS Exon 9 of transcript AGAP001446-PB
JHU_Ag_87559	ETTEEDAEQEQQDAAAHK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	61	4.54E-06	1	2029.862	1.77	Head	2R:-:5141053-5141000;2R:-:5141053-5141000;2R:-:5141053-5141000;2R:-:5141053-5141000	exon=> In CDS Exon 13 of transcript AGAP001446-PC;exon=> In CDS Exon 9 of transcript AGAP001446-PE;exon=> In CDS Exon 10 of transcript AGAP001446-PA;exon=> In CDS Exon 6 of transcript AGAP001446-PD;exon=> In CDS Exon 11 of transcript AGAP001446-PB
JHU_Ag_88975	IGSYNNIETATEDTSIITALHK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	83	6.27E-08	1	2391.209	2.32	Head	2R:-:5141668-5141603;2R:-:5141668-5141603;2R:-:5141668-5141603;2R:-:5141668-5141603	exon=> In CDS Exon 12 of transcript AGAP001446-PC;exon=> In CDS Exon 8 of transcript AGAP001446-PE;exon=> In CDS Exon 9 of transcript AGAP001446-PA;exon=> In CDS Exon 5 of transcript AGAP001446-PD;exon=> In CDS Exon 10 of transcript AGAP001446-PB

JHU_Ag_98748	TETTITPATPSNDEDGQK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	58	1.78E-05	1	1904.871	-0.41	Head	2R:-:5140999-5140946;2R:-:5140999-5140946;2R:-:5140999-5140946;2R:-:5140999-5140946	exon=> In CDS Exon 13 of transcript AGAP001446-PC;exon=> In CDS Exon 9 of transcript AGAP001446-PE;exon=> In CDS Exon 10 of transcript AGAP001446-PA;exon=> In CDS Exon 6 of transcript AGAP001446-PD;exon=> In CDS Exon 11 of transcript AGAP001446-PB
JHU_Ag_103401	LPVIDPVTGNVLYILTHK	AGAP001446-PC,AGAP001446-PE,AGAP001446-PA,AGAP001446-PD,AGAP001446-PB	-	80	1.46E-08	1	1992.161	3.93	Ovary	2R:-:5141880-5141827;2R:-:5141880-5141827;2R:-:5141880-5141827;2R:-:5141880-5141827	exon=> In CDS Exon 11 of transcript AGAP001446-PC;exon=> In CDS Exon 7 of transcript AGAP001446-PE;exon=> In CDS Exon 8 of transcript AGAP001446-PA;exon=> In CDS Exon 4 of transcript AGAP001446-PD;exon=> In CDS Exon 9 of transcript AGAP001446-PB
JHU_Ag_68215	VGFTVINQVPHAEFVYR	AGAP001449-PA	-	76	2.36E-07	1	1976.042	1.72	Head	2R:+:5230597-5230647	exon=> In CDS Exon 2 of transcript AGAP001449-PA
JHU_Ag_45591	LYFMVEK	AGAP001450-PA	-	30	0.009003702	2	929.490	10.65	Head	2R:+:5233063-5233083	exon=> In CDS Exon 1 of transcript AGAP001450-PA
JHU_Ag_20120	ELRDIYR	AGAP001452-PA	-	42	0.000919861	1	964.512	-9.02	Larva	2R:+:5259352-5259372	exon=> In CDS Exon 5 of transcript AGAP001452-PA
JHU_Ag_71400	NPSETDFYDQFRR	AGAP001454-PA	-	38	0.001559349	1	1674.750	-0.63	Midgut	2R:+:5266795-5266833	exon=> In CDS Exon 1 of transcript AGAP001454-PA
JHU_Ag_75257	NLVIDYKEMVIDTGR	AGAP001454-PA	M9(Oxidation)	42	0.000875565	2	1781.905	-2.79	Midgut	2R:+:5266675-5266719	exon=> In CDS Exon 1 of transcript AGAP001454-PA
JHU_Ag_20839	KGLEQYR	AGAP001455-PA,AGAP001455-PB,AGAP001455-PC	Q5(Deamidated)	52	0.000118623	2	894.464	-4.96	Head	2R:-:5279878-5279945,5279632-5279786;2R:-:5279878-5279945,5279632-5279786;2R:-:5279878-5279945,5279632-5279786	exon=> In CDS Exon 3 and 2 of transcript AGAP001455-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP001455-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP001455-PC
JHU_Ag_36869	SLSGDEITAASAPVPADHTTPSVSTDTNAAQEER	AGAP001455-PA,AGAP001455-PB,AGAP001455-PC	-	79	1.31E-07	1	3425.613	5.6	Head	2R:-:5277914-5277813;2R:-:5277914-5277813;2R:-:5277914-5277813	exon=> In CDS Exon 5 of transcript AGAP001455-PA;exon=> In CDS Exon 5 of transcript AGAP001455-PB;exon=> In CDS Exon 5 of transcript AGAP001455-PC
JHU_Ag_39491	IITTTGGGGADHAVAPDSNSSSVR	AGAP001455-PA,AGAP001455-PB,AGAP001455-PC	-	65	5.36E-06	1	2270.107	2.61	Head	2R:-:5275193-5275122;2R:-:5275193-5275122;2R:-:5275193-5275122	exon=> In CDS Exon 5 of transcript AGAP001455-PA;exon=> In CDS Exon 5 of transcript AGAP001455-PB;exon=> In CDS Exon 5 of transcript AGAP001455-PC

JHU_Ag_74307	EGPELDEATPANTDDSDK	AGAP001455-PA,AGAP001455-PB,AGAP001455-PC	-	104	2.04E-10	1	1903.808	2.15	Head	2R:-:5276867-5276814;2R:-:5276867-5276814;2R:-:5276867-5276814	exon=> In CDS Exon 5 of transcript AGAP001455-PA;exon=> In CDS Exon 5 of transcript AGAP001455-PB;exon=> In CDS Exon 5 of transcript AGAP001455-PC
JHU_Ag_106596	ASANVDVTVEDEK	AGAP001455-PA,AGAP001455-PB,AGAP001455-PC	-	38	0.002367649	2	1376.653	-0.76	Ovary	2R:-:5278772-5278734;2R:-:5278772-5278734;2R:-:5278772-5278734	exon=> In CDS Exon 5 of transcript AGAP001455-PA;exon=> In CDS Exon 5 of transcript AGAP001455-PB;exon=> In CDS Exon 5 of transcript AGAP001455-PC
JHU_Ag_1143	LVINHIQVNR	AGAP001459-PC	-	64	1.06E-06	1	1205.711	-0.01	Salivary gland	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_2599	SAEFLLQLLK	AGAP001459-PC	-	83	2.10E-08	2	1161.686	-1.2	Midgut	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_4861	SAEFLLQLLK	AGAP001459-PC	-	73	1.40E-07	2	1161.694	5	Larva	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_8209	ATDESEQAKK	AGAP001459-PC	-	45	0.000442314	2	1106.532	-0.83	Ovary	2R:+:5284114-5284143	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_10422	HWGTSVGR	AGAP001459-PC	-	32	0.003632285	2	899.447	-1.19	Larva	2R:+:5283859-5283882	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_10995	SAEFLLQLLK	AGAP001459-PC	Q7(Deamidated)	76	1.03E-07	2	1161.691	2.37	Ovary	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_11665	KSAEFLLQLLK	AGAP001459-PC	-	79	1.31E-08	1	1289.789	4.41	Malpighian tubule	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_12150	GLDVDRLVINHIQVNR	AGAP001459-PC	-	75	1.45E-07	1	1861.045	2.38	Visceras	2R:+:5283952-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_12748	LVINHIQVNR	AGAP001459-PC	-	78	5.43E-08	1	1205.708	-2.94	Midgut	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_13398	HWGTSVGR	AGAP001459-PC	-	42	0.000510069	1	899.449	0.64	Visceras	2R:+:5283859-5283882	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_15419	KSAEFLLQLLK	AGAP001459-PC	-	92	6.17E-10	2	1289.789	4.69	Larva	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_15543	LVINHIQVNR	AGAP001459-PC	-	77	5.14E-08	1	1205.713	1.11	Head	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_16615	ETALAIKR	AGAP001459-PC	-	53	2.35E-05	1	901.549	2.53	Larva	2R:+:5283727-5283750	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_16671	RFNGGVGR	AGAP001459-PC	-	42	0.000825361	1	862.465	0.31	Malpighian tubule	2R:+:5283820-5283843	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_17645	KSAEFLLQLLK	AGAP001459-PC	-	89	1.78E-09	2	1289.786	2.14	Pupa	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_17696	GLDVDRLVINHIQVNR	AGAP001459-PC	-	91	3.58E-09	1	1861.041	0.61	Midgut	2R:+:5283952-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_18770	KSAEFLLQLLK	AGAP001459-PC	-	91	9.96E-10	1	1289.783	0.06	Midgut	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_22993	ETALAIK	AGAP001459-PC	-	39	0.0023935	1	745.446	0.77	Visceras	2R:+:5283727-5283747	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_23278	GLDVDRLVINHIQVNR	AGAP001459-PC	-	51	3.15E-05	1	1861.042	0.71	Salivary gland	2R:+:5283952-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_25961	KSAEFLLQLLK	AGAP001459-PC	-	102	7.62E-11	1	1289.784	1.29	Ovary	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_26273	SAEFLLQLLK	AGAP001459-PC	-	75	1.33E-07	2	1161.690	1.85	Visceras	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_27745	LVINHIQVNR	AGAP001459-PC	-	65	9.04E-07	1	1205.711	-0.31	Male reproductive organs	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC

JHU_Ag_33047	SAEFLLQLLK	AGAP001459-PC	-	76	6.27E-08	2	1161.692	3.42	Pupa	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_34758	ATDESEQAK	AGAP001459-PC	-	34	0.003384184	2	978.437	-0.38	Midgut	2R:+:5284114-5284140	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_36461	SAEFLLQLLK	AGAP001459-PC	-	81	3.13E-08	1	1161.688	0.38	Male reproductive organs	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_37460	YAKEPDNASK	AGAP001459-PC	-	35	0.004067579	1	1122.547	3.94	Malpighian tubule	2R:+:5283567-5283596	exon=> In CDS Exon 1 of transcript AGAP001459-PC
JHU_Ag_42494	KSAEFLLQLLK	AGAP001459-PC	-	79	1.80E-08	1	1289.784	0.81	Salivary gland	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_46631	LVINHIQVNR	AGAP001459-PC	N4(Deamidated)	79	3.94E-08	1	1205.711	0.09	Ovary	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_49258	ETALAIK	AGAP001459-PC	-	37	0.0038981	1	745.448	3.06	Larva	2R:+:5283727-5283747	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_55056	INPYMSSPCHIELSLTEK	AGAP001459-PC	M5(Oxidation), C9(Carbamidomethyl)	36	0.003760803	1	2135.012	-1.18	Pupa	2R:+:5284042-5284095	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_57794	KECVPFR	AGAP001459-PC	C3(Carbamidomethyl)	40	0.001422143	2	935.477	-0.07	Male reproductive organs	2R:+:5283799-5283819	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_60359	LVINHIQVNR	AGAP001459-PC	-	39	0.000327592	1	1205.713	1.7	Malpighian tubule	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_62492	FNGGVGR	AGAP001459-PC	N2(Deamidated)	41	0.001250737	2	706.364	1.56	Ovary	2R:+:5283823-5283843	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_65076	NAEANADYKGLDVDR	AGAP001459-PC	-	101	1.13E-09	1	1650.772	0.01	Midgut	2R:+:5283925-5283969	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_65487	NAEANADYK	AGAP001459-PC	-	39	0.00105322	2	995.442	-0.9	Ovary	2R:+:5283925-5283951	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_66490	KSAEFLLQLLK	AGAP001459-PC	-	82	7.76E-09	1	1289.785	2.04	Visceras	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_67229	FNGGVGR	AGAP001459-PC	-	46	0.000375116	2	706.365	2.34	Malpighian tubule	2R:+:5283823-5283843	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_72945	INPYMSSPCHIELSLTEKEDVVTK	AGAP001459-PC	M5(Oxidation), C9(Carbamidomethyl)	44	0.000577458	1	2806.365	0.28	Ovary	2R:+:5284042-5284113	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_73122	ETALAIK	AGAP001459-PC	-	40	0.001082595	1	745.445	-0.54	Midgut	2R:+:5283727-5283747	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_75031	ATDESEQAKK	AGAP001459-PC	-	48	0.000262864	1	1106.531	-1.05	Male reproductive organs	2R:+:5284114-5284143	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_78113	ETALAIKR	AGAP001459-PC	-	34	0.003414815	2	901.546	-1.19	Head	2R:+:5283727-5283750	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_79386	KSAEFLLQLLK	AGAP001459-PC	-	98	2.07E-10	1	1289.784	1	Male reproductive organs	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_79721	SAEFLLQLLK	AGAP001459-PC	-	64	1.55E-06	2	1161.690	1.43	Head	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_86228	HWGTSVGR	AGAP001459-PC	-	32	0.003665895	1	899.448	-0.44	Head	2R:+:5283859-5283882	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_87508	INPYMSSPCHIELSLTEK	AGAP001459-PC	M5(Oxidation), C9(Carbamidomethyl)	68	2.80E-06	1	2135.026	5.42	Larva	2R:+:5284042-5284095	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_89619	ETALAIKR	AGAP001459-PC	-	41	0.000606025	2	901.544	-3.36	Malpighian tubule	2R:+:5283727-5283750	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_91905	LVINHIQVNR	AGAP001459-PC	-	79	3.65E-08	1	1205.714	2.22	Larva	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_94590	SAEFLLQLLK	AGAP001459-PC	-	76	6.50E-08	2	1161.695	5.84	Malpighian tubule	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_94662	GLDVDRLVINHIQVNR	AGAP001459-PC	-	74	1.55E-07	1	1861.043	1.5	Ovary	2R:+:5283952-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_95900	GLDVDRLVINHIQVNR	AGAP001459-PC	-	98	7.39E-10	1	1861.042	0.81	Male reproductive organs	2R:+:5283952-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC

JHU_Ag_103014	KSAEFLLQLLK	AGAP001459-PC	-	91	1.00E-09	1	1289.784	1.29	Head	2R:+:5283892-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_104567	FNGGVGR	AGAP001459-PC	-	39	0.001668602	2	706.362	-2.07	Head	2R:+:5283823-5283843	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_107931	LVINHIQVNR	AGAP001459-PC	-	71	2.16E-07	1	1205.712	0.7	Visceras	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_109872	LVINHIQVNR	AGAP001459-PC	-	78	4.88E-08	1	1205.711	-0.21	Pupa	2R:+:5283970-5283999	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_111865	SAEFLLQLLK	AGAP001459-PC	-	67	7.88E-07	2	1161.691	2.69	Salivary gland	2R:+:5283895-5283924	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_114665	NAEANADYKGLDVDR	AGAP001459-PC	-	106	3.09E-10	1	1650.772	0.01	Male reproductive organs	2R:+:5283925-5283969	exon=> In CDS Exon 2 of transcript AGAP001459-PC
JHU_Ag_8291	EVGDVSFVELFHDENNKPR	AGAP001460-PA	-	79	2.00E-07	1	2231.068	-2.19	Head	2R:+:5286909-5286965	exon=> In CDS Exon 1 of transcript AGAP001460-PA
JHU_Ag_10930	EVGDVSFVELFHDENNKPR	AGAP001460-PA	-	66	4.16E-06	1	2231.071	-0.63	Malpighian tubule	2R:+:5286909-5286965	exon=> In CDS Exon 1 of transcript AGAP001460-PA
JHU_Ag_12316	GCGIVEFEKPEHVQMALEK	AGAP001460-PA	C2(Carbamidomethyl), M15(Oxidation)	36	0.004128 47	1	2217.056	-5.32	Head	2R:+:5286966-5287022	exon=> In CDS Exon 1 of transcript AGAP001460-PA
JHU_Ag_18502	GFAVIEYDHPVEAVQAISMFDR	AGAP001460-PA	M19(Oxidation)	44	0.000626853	1	2494.211	1.37	Ovary	2R:+:5289780-5289845	exon=> In CDS Exon 3 of transcript AGAP001460-PA
JHU_Ag_21393	NMPSSWTWQTLR	AGAP001460-PA	M2(Oxidation)	61	1.15E-05	2	1522.714	2.21	Ovary	2R:+:5290575-5290577,5290665-5290697	exon=> In CDS Exon 3 and 4 of transcript AGAP001460-PA
JHU_Ag_25740	IYVSNVPYEYR	AGAP001460-PA	-	43	0.000830372	2	1402.701	0.93	Salivary gland	2R:+:5286846-5286878	exon=> In CDS Exon 1 of transcript AGAP001460-PA
JHU_Ag_29268	IYVSNVPYEYR	AGAP001460-PA	-	54	6.61E-05	2	1402.701	0.75	Ovary	2R:+:5286846-5286878	exon=> In CDS Exon 1 of transcript AGAP001460-PA
JHU_Ag_43833	IYVSNVPYEYR	AGAP001460-PA	-	42	0.001063039	2	1402.702	1.28	Head	2R:+:5286846-5286878	exon=> In CDS Exon 1 of transcript AGAP001460-PA
JHU_Ag_55682	GIGIGLGPNGEPLKDVAR	AGAP001460-PA	-	82	3.84E-08	1	1762.981	-0.2	Ovary	2R:+:5289933-5289986	exon=> In CDS Exon 3 of transcript AGAP001460-PA
JHU_Ag_59961	EVGDVSFVELFHDENNKPR	AGAP001460-PA	-	86	4.47E-08	1	2231.081	3.48	Ovary	2R:+:5286909-5286965	exon=> In CDS Exon 1 of transcript AGAP001460-PA
JHU_Ag_69266	NYSTAPNDDYGR	AGAP001460-PA	-	36	0.000849772	2	1372.577	0.56	Ovary	2R:+:5290482-5290517	exon=> In CDS Exon 3 of transcript AGAP001460-PA
JHU_Ag_69455	FLEGLGIQGPLHTK	AGAP001460-PA	-	34	0.001846254	2	1509.840	-1.62	Malpighian tubule	2R:+:5288478-5288519	exon=> In CDS Exon 2 of transcript AGAP001460-PA
JHU_Ag_78819	IQSLDLSVDKDGNSR	AGAP001460-PA	-	113	8.77E-11	1	1646.835	0.32	Ovary	2R:+:5289735-5289779	exon=> In CDS Exon 3 of transcript AGAP001460-PA
JHU_Ag_92355	IFVANLDYK	AGAP001460-PA	-	34	0.003395809	2	1082.589	1.08	Ovary	2R:+:5288520-5288534,5289678-5289689	exon=> In CDS Exon 2 and 3 of transcript AGAP001460-PA
JHU_Ag_96185	GFAVIEYDHPVEAVQAISMFDR	AGAP001460-PA	M19(Oxidation)	89	1.83E-08	1	2510.204	0.89	Head	2R:+:5289780-5289845	exon=> In CDS Exon 3 of transcript AGAP001460-PA
JHU_Ag_111965	FLEGLGIQGPLHTK	AGAP001460-PA	-	84	2.17E-08	1	1509.845	1.94	Ovary	2R:+:5288478-5288519	exon=> In CDS Exon 2 of transcript AGAP001460-PA
JHU_Ag_112434	NYSTAPNDDYGR	AGAP001460-PA	-	36	0.000691584	1	1372.572	-3.09	Head	2R:+:5290482-5290517	exon=> In CDS Exon 3 of transcript AGAP001460-PA
JHU_Ag_5781	RNDANEVVYGVR	AGAP001467-PA	-	63	1.05E-05	2	1391.701	-1.21	Head	2R:-:5322362-5322327	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_10461	SLPSTTETATTGTSDSSAK	AGAP001467-PA	-	131	1.26E-12	1	1841.866	2.84	Ovary	2R:-:5323800-5323744	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_13228	GTGGLAASSNESPVASSSSTTPK	AGAP001467-PA	-	39	0.002054922	2	2093.010	5.1	Malpighian tubule	2R:-:5322695-5322627	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_16056	ATSTPNHSTAAAVVTPSSSNPATPTPK	AGAP001467-PA	-	62	9.57E-06	1	2592.298	3.07	Ovary	2R:-:5324175-5324095	exon=> In CDS Exon 2 of transcript AGAP001467-PA

JHU_Ag_16192	DIIVFGEDGVLPIK	AGAP001467-PA	-	64	2.41E-06	1	1514.852	3.9	Ovary	2R:-:5322470-5322429	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_20944	TLNPVTTSAVSSSNVYSSTPIHPSFGK	AGAP001467-PA	-	86	3.21E-08	1	2778.397	0.99	Ovary	2R:-:5324094-5324014	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_27388	NDANEVVYGVR	AGAP001467-PA	-	51	0.000128781	2	1235.606	3.91	Ovary	2R:-:5322359-5322327	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_29355	AADPSVTAETVAHDASNIDSSSK	AGAP001467-PA	-	39	0.001666175	1	2273.052	-0.22	Male reproductive organs	2R:-:5323253-5323185	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_45623	SMTPATPEAGYSGGVGK	AGAP001467-PA	M2(Oxidation)	53	5.75E-05	2	1625.753	3.28	Ovary	2R:-:5322050-5322000	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_45782	AADPSVTAETVAHDASNIDSSSK	AGAP001467-PA	-	38	0.002508146	1	2273.061	3.65	Ovary	2R:-:5323253-5323185	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_54218	ATSTPNHSTAAAVVTPSSSNPATPTPK	AGAP001467-PA	-	61	1.24E-05	3	2592.306	6.32	Malpighian tubule	2R:-:5324175-5324095	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_56312	GTGGLAASSNESPVASSSSTTPK	AGAP001467-PA	-	94	6.36E-09	1	2093.002	1.48	Head	2R:-:5322695-5322627	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_57929	VHVVADATDGPESSVAKPSAER	AGAP001467-PA	-	115	5.18E-11	1	2222.080	-11.01	Ovary	2R:-:5325216-5325151	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_60255	SLPSTTETATTGTSDSSAK	AGAP001467-PA	-	125	5.07E-12	2	1841.865	2.18	Head	2R:-:5323800-5323744	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_60904	TATAATPESTVVVEK	AGAP001467-PA	-	46	0.000363386	2	1503.789	-0.85	Male reproductive organs	2R:-:5326255-5326211	exon=> In CDS Exon 1 of transcript AGAP001467-PA
JHU_Ag_63414	RLDEQLLR	AGAP001467-PA	-	42	0.000510137	1	1042.598	-1.9	Head	2R:-:5324235-5324212	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_63535	RLDEQLLR	AGAP001467-PA	-	39	0.001348963	1	1042.602	1.73	Ovary	2R:-:5324235-5324212	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_65969	AADPSVTAETVAHDASNIDSSSK	AGAP001467-PA	-	49	0.00017491	1	2273.054	0.35	Malpighian tubule	2R:-:5323253-5323185	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_66485	AEHSNVSSSDDK	AGAP001467-PA	-	48	7.28E-05	2	1275.547	1.37	Head	2R:-:5324892-5324857	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_76239	TLNPVTTSAVSSSNVYSSTPIHPSFGK	AGAP001467-PA	-	146	3.14E-14	1	2778.404	3.56	Head	2R:-:5324094-5324014	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_77045	HHSIHALTGGDTYEPAIVEEIK	AGAP001467-PA	-	145	4.68E-14	1	2417.224	5.85	Ovary	2R:-:5322428-5322363	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_77156	DSACAADSSPGK	AGAP001467-PA	C4(Carbamidomethyl)	45	0.000132743	2	1165.483	3.56	Head	2R:-:5325813-5325778	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_81743	DIIVFGEDGVLPIK	AGAP001467-PA	-	75	2.34E-07	2	1514.852	3.41	Head	2R:-:5322470-5322429	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_84118	LPEDSVVGSSQPSSSSDTK	AGAP001467-PA	-	121	1.09E-11	1	1906.891	1.81	Head	2R:-:5324313-5324257	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_95820	SEEISSSVAEEPVRQEGDSTANK	AGAP001467-PA	-	70	1.35E-06	1	2449.136	1.44	Head	2R:-:5324967-5324899	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_96197	SEEISSSVAEEPVRQEGDSTANK	AGAP001467-PA	-	61	1.02E-05	2	2449.135	1.1	Malpighian tubule	2R:-:5324967-5324899	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_98779	NGSLPDSSADSVK	AGAP001467-PA	N1(Deamidated)	58	1.65E-05	1	1277.583	-1.73	Head	2R:-:5326159-5326279,5323647-5325814	exon=> In CDS Exon 2 and 1 of transcript AGAP001467-PA
JHU_Ag_100610	ATSTPNHSTAAAVVTPSSSNPATPTPK	AGAP001467-PA	-	46	0.000401039	3	2592.297	2.72	Head	2R:-:5324175-5324095	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_105115	SLPSTTETATTGTSDSSAK	AGAP001467-PA	-	49	0.000188913	2	1841.864	1.78	Malpighian tubule	2R:-:5323800-5323744	exon=> In CDS Exon 2 of transcript AGAP001467-PA
JHU_Ag_110881	RNDANEVVYGVR	AGAP001467-PA	-	75	5.12E-07	1	1391.707	3.09	Ovary	2R:-:5322362-5322327	exon=> In CDS Exon 3 of transcript AGAP001467-PA
JHU_Ag_114261	LPEDSVVGSSQPSSSSDTK	AGAP001467-PA	-	137	3.09E-13	1	1906.894	3.22	Ovary	2R:-:5324313-5324257	exon=> In CDS Exon 2 of transcript AGAP001467-PA

JHU_Ag_19	SGVLSNQSDPSLDSSSEK	AGAP001469-PA	-	84	5.43E-08	1	1836.851	2.61	Head	2R:+:5343434-5343487	exon=> In CDS Exon 5 of transcript AGAP001469-PA
JHU_Ag_5526	EIGISNPLHR	AGAP001469-PA	-	49	0.000137588	2	1135.624	2.04	Head	2R:+:5349881-5349910	exon=> In CDS Exon 15 of transcript AGAP001469-PA
JHU_Ag_10120	NNDLEAELNQTKEELQQYK	AGAP001469-PA	-	42	0.000895749	1	2307.121	4.85	Head	2R:+:5343277-5343318,5343419-5343433	exon=> In CDS Exon 4 and 5 of transcript AGAP001469-PA
JHU_Ag_14750	STLEEEHFNR	AGAP001469-PA	-	51	6.96E-05	1	1261.577	-3.34	Head	2R:+:5344989-5345018	exon=> In CDS Exon 9 of transcript AGAP001469-PA
JHU_Ag_37679	NNDLEAELNQTK	AGAP001469-PA	-	77	3.26E-07	2	1388.670	3.56	Head	2R:+:5343277-5343312	exon=> In CDS Exon 4 of transcript AGAP001469-PA
JHU_Ag_70516	THELQTIIEK	AGAP001469-PA	-	44	0.000331032	1	1211.659	-3.07	Head	2R:+:5343615-5343644	exon=> In CDS Exon 6 of transcript AGAP001469-PA
JHU_Ag_2458	KQQALLQK	AGAP001470-PA	Q7(Deamidated)	35	0.003779137	1	957.571	-1.59	Male reproductive organs	2R:-:5352660-5352637	exon=> In CDS Exon 4 of transcript AGAP001470-PA
JHU_Ag_22941	KQQALLQK	AGAP001470-PA	Q7(Deamidated)	35	0.00293404	1	957.568	-4.52	Head	2R:-:5352660-5352637	exon=> In CDS Exon 4 of transcript AGAP001470-PA
JHU_Ag_21431	IVVKLPLPPGNMATLYR	AGAP001473-PA	N11(Deamidated), M12(Oxidation)	34	0.000888052	1	1899.094	8.64	Midgut	2R:-:5365753-5365703	exon=> In CDS Exon 6 of transcript AGAP001473-PA
JHU_Ag_30243	RTDVDHVFLR	AGAP001474-PA	-	72	8.06E-07	1	1257.669	-1.11	Head	2R:+:5372259-5372288	exon=> In CDS Exon 3 of transcript AGAP001474-PA
JHU_Ag_14088	KQILLDYLLTHLK	AGAP001476-PA	-	67	2.22E-07	1	1597.967	-0.58	Ovary	2R:-:5379781-5379743	exon=> In CDS Exon 3 of transcript AGAP001476-PA
JHU_Ag_25085	RIELNDADENDQNEK	AGAP001476-PA	-	105	3.33E-10	1	1802.808	-4.12	Head	2R:-:5379090-5379046	exon=> In CDS Exon 4 of transcript AGAP001476-PA
JHU_Ag_42804	QILLDYLLTHLK	AGAP001476-PA	-	87	5.00E-09	1	1469.873	0.47	Ovary	2R:-:5379778-5379743	exon=> In CDS Exon 3 of transcript AGAP001476-PA
JHU_Ag_62940	NLDPIIFKDVATELAK	AGAP001476-PA	-	46	0.000102437	2	1786.999	2.47	Head	2R:-:5379138-5379091	exon=> In CDS Exon 4 of transcript AGAP001476-PA
JHU_Ag_69576	WQDIQTDNIVFR	AGAP001476-PA	Q2(Deamidated)	50	0.00016297	2	1535.733	-10.25	Head	2R:-:5380375-5380340	exon=> In CDS Exon 1 of transcript AGAP001476-PA
JHU_Ag_69887	HDAMCILPLNIVNEK	AGAP001476-PA	M4(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	128	2.17E-12	1	1782.893	3.12	Head	2R:-:5379502-5379458	exon=> In CDS Exon 3 of transcript AGAP001476-PA
JHU_Ag_87847	FIWDAVEGGLMR	AGAP001476-PA	M11(Oxidation)	87	3.41E-08	1	1409.691	1.73	Head	2R:-:5379874-5379839	exon=> In CDS Exon 3 of transcript AGAP001476-PA
JHU_Ag_92066	EVAHPGISNDFDDEDAK	AGAP001476-PA	-	101	7.11E-10	1	1858.815	3.18	Head	2R:-:5380068-5380018	exon=> In CDS Exon 2 of transcript AGAP001476-PA
JHU_Ag_100044	NLDPIIFKDVATELAK	AGAP001476-PA	-	33	0.001804234	1	1787.007	6.98	Malpighian tubule	2R:-:5379138-5379091	exon=> In CDS Exon 4 of transcript AGAP001476-PA
JHU_Ag_108463	RIELNDADENDQNEK	AGAP001476-PA	-	45	0.000295124	2	1802.809	-3.71	Male reproductive organs	2R:-:5379090-5379046	exon=> In CDS Exon 4 of transcript AGAP001476-PA
JHU_Ag_117752	AVIIFVPSVR	AGAP001476-PA	-	35	0.000969085	2	1100.682	-0.59	Male reproductive organs	2R:-:5379276-5379247	exon=> In CDS Exon 4 of transcript AGAP001476-PA
JHU_Ag_18942	MLNTFSVLSPHLK	AGAP001477-PA	N-Term(Acetyl)	111	9.32E-11	2	1528.818	-1.13	Midgut	2R:-:5388221-5388183	exon=> In CDS Exon 1 of transcript AGAP001477-PA
JHU_Ag_39597	LNPQDVEIITK	AGAP001477-PA	-	51	5.73E-05	1	1269.705	0.14	Midgut	2R:-:5386943-5386911	exon=> In CDS Exon 4 of transcript AGAP001477-PA
JHU_Ag_81301	MLNTFSVLSPHLK	AGAP001477-PA	N-Term(Acetyl), M1(Oxidation)	90	1.71E-08	1	1544.814	-0.43	Midgut	2R:-:5388221-5388183	exon=> In CDS Exon 1 of transcript AGAP001477-PA
JHU_Ag_88073	MDVLDTVFPK	AGAP001477-PA	M1(Oxidation)	62	1.04E-05	2	1164.597	-0.02	Midgut	2R:-:5387296-5387267	exon=> In CDS Exon 3 of transcript AGAP001477-PA
JHU_Ag_107612	LNPQDVEIITKR	AGAP001477-PA	-	38	0.000964229	2	1425.805	-0.42	Midgut	2R:-:5386943-5386908	exon=> In CDS Exon 4 of transcript AGAP001477-PA
JHU_Ag_7861	VLTIEEKPFVYAR	AGAP001478-PA	-	64	1.65E-06	2	1564.876	1.82	Head	2R:+:5392567-5392605	exon=> In CDS Exon 8 of transcript AGAP001478-PA

JHU_Ag_35537	FQTTSQTNYDDIDVR	AGAP001478-PA	-	70	1.29E-06	2	1802.821	1.25	Head	2R:+:5391384-5391428	exon=> In CDS Exon 4 of transcript AGAP001478-PA
JHU_Ag_36406	ADLIVAPLTINPER	AGAP001478-PA	-	61	3.21E-06	2	1521.867	2.47	Head	2R:+:5392966-5393007	exon=> In CDS Exon 9 of transcript AGAP001478-PA
JHU_Ag_68938	VGSFHYDSEK	AGAP001478-PA	-	43	0.000446309	1	1168.523	-3.39	Head	2R:+:5392167-5392190,5392465-5392470	exon=> In CDS Exon 7 and 8 of transcript AGAP001478-PA
JHU_Ag_69802	SRYPILPPLPR	AGAP001478-PA	-	27	0.002146337	1	1308.779	0.29	Head	2R:+:5394591-5394623	exon=> In CDS Exon 12 of transcript AGAP001478-PA
JHU_Ag_97048	TMEANNYDTAEQAIQDVK	AGAP001478-PA	M2(Oxidation), N5(Deamidated),"M2(Oxidation), N6(Deamidated)"	56	1.60E-05	2	2057.903	3.15	Head	2R:+:5393632-5393685	exon=> In CDS Exon 10 of transcript AGAP001478-PA
JHU_Ag_103160	EWNGLIGELVAER	AGAP001478-PA	-	91	1.18E-08	2	1485.775	3.29	Head	2R:+:5392927-5392965	exon=> In CDS Exon 9 of transcript AGAP001478-PA
JHU_Ag_91127	FILPENEDDDEGANFSSDDLHDPTDTSK	AGAP001480-PC	-	95	1.38E-09	1	3123.326	2.32	Head	2R:+:5401404-5401487	exon=> In CDS Exon 2 of transcript AGAP001480-PC
JHU_Ag_92259	LVQLESVETLGESMPLHEPDDALLK	AGAP001481-PA	M14(Oxidation)	69	1.83E-06	1	2779.421	5.07	Head	2R:+:5408795-5408810,5408869-5408927	exon=> In CDS Exon 1 and 2 of transcript AGAP001481-PA
JHU_Ag_51610	ARPVPVPAPPPPPPPVDPTWDVTIR	AGAP001486-PA	-	33	0.001449772	3	2668.465	1.38	Visceras	2R:+:5460061-5460135	exon=> In CDS Exon 7 of transcript AGAP001486-PA
JHU_Ag_87085	ARPVPVPAPPPPPPPVDPTWDVTIR	AGAP001486-PA	-	87	5.92E-09	1	2668.464	0.97	Head	2R:+:5460061-5460135	exon=> In CDS Exon 7 of transcript AGAP001486-PA
JHU_Ag_117760	VLQEVDMPDTSISTAALHTELHR	AGAP001486-PA	-	44	0.000514363	1	2563.284	0.6	Head	2R:+:5460364-5460432	exon=> In CDS Exon 7 of transcript AGAP001486-PA
JHU_Ag_82022	LDIFRGLK	AGAP001487-PA	-	43	0.000252517	2	961.570	-13.13	Ovary	2R:-:5483948-5483925	exon=> In CDS Exon 1 of transcript AGAP001487-PA
JHU_Ag_2871	FDGLCVLPLNIVNEK	AGAP001488-PA	C5(Carbamidomethyl)	71	7.34E-07	1	1730.924	5.19	Head	2R:-:5553981-5553937	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_5998	EIICDLAQKVEGK	AGAP001488-PA	C4(Carbamidomethyl)	86	3.73E-08	1	1502.791	1.78	Head	2R:-:5553705-5553667	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_8320	FAVIMLPR	AGAP001488-PA	M5(Oxidation)	59	7.24E-06	2	962.550	0.69	Salivary gland	2R:-:5553867-5553844	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_8439	ILVDYFADNIK	AGAP001488-PA	-	91	7.18E-09	1	1310.699	-0.36	Midgut	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_11475	EIICDLAQKVEGK	AGAP001488-PA	C4(Carbamidomethyl)	93	6.99E-09	1	1502.788	-0.01	Midgut	2R:-:5553705-5553667	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_13974	LSAHDEVELIASR	AGAP001488-PA	-	47	0.000232461	2	1439.755	3.98	Ovary	2R:-:5553810-5553772	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_15681	LSAHDEVELIASR	AGAP001488-PA	-	89	1.44E-08	1	1439.751	1.44	Male reproductive organs	2R:-:5553810-5553772	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_17029	FTEMEPEER	AGAP001488-PA	M4(Oxidation)	47	8.10E-05	1	1183.493	-0.68	Head	2R:-:5554089-5554063	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_17772	ILVDYFADNIK	AGAP001488-PA	-	86	2.46E-08	1	1310.700	0.66	Male reproductive organs	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_17857	ILVDYFADNIK	AGAP001488-PA	-	81	7.73E-08	1	1310.701	1.41	Head	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_18143	ILVDYFADNIK	AGAP001488-PA	-	35	0.002949658	2	1310.700	0.38	Visceras	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_23091	LSAHDEVELIASR	AGAP001488-PA	-	102	7.18E-10	1	1439.753	2.97	Malpighian tubule	2R:-:5553810-5553772	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_23638	FAVIMLPR	AGAP001488-PA	M5(Oxidation)	54	2.21E-05	2	962.550	0.82	Midgut	2R:-:5553867-5553844	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_26744	FTEMEPEER	AGAP001488-PA	M4(Oxidation)	40	0.000516955	1	1183.494	0.25	Salivary gland	2R:-:5554089-5554063	exon=> In CDS Exon 1 of transcript AGAP001488-PA

JHU_Ag_27782	FTEMEPEER	AGAP001488-PA	M4(Oxidation)	44	0.000192954	2	1183.493	-0.68	Midgut	2R:-:5554089-5554063	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_27867	LSAHDEVELIASR	AGAP001488-PA	-	60	1.09E-05	2	1439.752	2.03	Pupa	2R:-:5553810-5553772	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_30155	MLVLDLNMPIMNEEAK	AGAP001488-PA	M1(Oxidation), M8(Oxidation), M11(Oxidation)	73	8.75E-07	2	1908.919	3.65	Larva	2R:-:5554314-5554267	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_30409	EIICDLAQK	AGAP001488-PA	C4(Carbamidomethyl)	57	2.92E-05	1	1089.561	0.21	Midgut	2R:-:5553705-5553679	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_32220	MLVLDLNMPIMNEEAKER	AGAP001488-PA	M1(Oxidation), M8(Oxidation), M11(Oxidation)	73	7.86E-07	1	2194.055	0.01	Midgut	2R:-:5554314-5554261	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_36293	FDGLCVLPLNIVNEK	AGAP001488-PA	C5(Carbamidomethyl)	60	1.13E-05	2	1730.914	-0.39	Ovary	2R:-:5553981-5553937	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_37752	DIVQPGVASHVDGHDEVK	AGAP001488-PA	Q4(Deamidated)	130	1.42E-12	1	1901.930	-2.78	Head	2R:-:5554473-5554420	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_38223	DIVQPGVASHVDGHDEVK	AGAP001488-PA	-	104	5.79E-10	1	1901.934	-0.6	Midgut	2R:-:5554473-5554420	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_39146	NIDPLIYK	AGAP001488-PA	-	47	0.000194232	1	975.551	-0.09	Head	2R:-:5553729-5553706	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_41549	ILVDYFADNIK	AGAP001488-PA	-	54	3.69E-05	2	1310.700	0.29	Salivary gland	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_45807	MLVLDLNMPIMNEEAKER	AGAP001488-PA	M8(Oxidation), M11(Oxidation)	44	0.000696172	1	2178.070	4.34	Malpighian tubule	2R:-:5554314-5554261	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_46695	ILVDYFADNIK	AGAP001488-PA	-	88	1.52E-08	1	1310.705	4.67	Larva	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_49472	LSAHDEVELIASR	AGAP001488-PA	-	67	2.04E-06	1	1439.758	6.27	Midgut	2R:-:5553810-5553772	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_53049	MFDVFGSVK	AGAP001488-PA	N-Term(Acetyl), M1(Oxidation)	63	5.07E-06	2	1087.513	0.28	Midgut	2R:-:5554731-5554705	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_57580	EIICDLAQK	AGAP001488-PA	C4(Carbamidomethyl)	51	0.000127492	1	1089.562	1.22	Head	2R:-:5553705-5553679	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_61410	FTEMEPEERGDPMAR	AGAP001488-PA	M4(Oxidation), M13(Oxidation)	56	1.15E-05	1	1826.772	2.12	Malpighian tubule	2R:-:5554089-5554045	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_61490	CQMGDWFILYQLGK	AGAP001488-PA	C1(Carbamidomethyl), Q11(Deamidated),"C1(Carbamidomethyl), Q2(Deamidated)"	47	0.000274613	2	1759.828	5.54	Salivary gland	2R:-:5553771-5553730	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_62474	NIDPLIYK	AGAP001488-PA	-	47	0.000212974	1	975.552	0.54	Midgut	2R:-:5553729-5553706	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_63248	FAVIMLPR	AGAP001488-PA	M5(Oxidation)	37	0.001310105	2	962.555	5.7	Larva	2R:-:5553867-5553844	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_64565	CQMGDWFILYQLGK	AGAP001488-PA	C1(Carbamidomethyl), M3(Oxidation)	90	1.33E-08	1	1774.828	-0.65	Midgut	2R:-:5553771-5553730	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_66830	MFDVFGSVK	AGAP001488-PA	N-Term(Acetyl)	55	3.59E-05	2	1071.518	-0.47	Midgut	2R:-:5554731-5554705	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_69019	LSAHDEVELIASR	AGAP001488-PA	-	102	7.89E-10	1	1439.751	1.44	Head	2R:-:5553810-5553772	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_78320	ILVDYFADNIK	AGAP001488-PA	-	85	2.74E-08	1	1310.697	-1.48	Ovary	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_83535	LDQVCIDNNIFR	AGAP001488-PA	C5(Carbamidomethyl)	56	5.00E-05	2	1506.733	-2.77	Head	2R:-:5554692-5554657	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_85517	GHNFYAMR	AGAP001488-PA	M7(Oxidation)	32	0.003868272	1	1011.444	-2.74	Head	2R:-:5554221-5554198	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_86732	LDQVCIDNNIFR	AGAP001488-PA	C5(Carbamidomethyl)	60	2.17E-05	2	1506.745	5.42	Ovary	2R:-:5554692-5554657	exon=> In CDS Exon 1 of transcript AGAP001488-PA

JHU_Ag_88380	MFDVFGSVK	AGAP001488-PA	M1(Oxidation)	33	0.005179 9	2	1045.506	3.63	Larva	2R:-:5554731-5554705	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_96294	ILVDYFADNIK	AGAP001488-PA	-	70	1.02E-06	1	1310.701	1.31	Pupa	2R:-:5554254-5554222	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_97285	MLVLDLNMPIMNEEAK	AGAP001488-PA	M8(Oxidation), M11(Oxidation)	51	0.000130 036	1	1892.916	-0.55	Midgut	2R:-:5554314-5554267	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_106217	LSAHDEVELIASR	AGAP001488-PA	-	102	7.49E-10	1	1439.752	2.46	Salivary gland	2R:-:5553810-5553772	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_109449	YGPSGSVQK	AGAP001488-PA	-	40	0.001748 381	2	922.461	-1.81	Midgut	2R:-:5554008-5553982	exon=> In CDS Exon 1 of transcript AGAP001488-PA
JHU_Ag_3014	MDVSQLEHLMR	AGAP001490-PA	N-Term(Acetyl), M1(Oxidation), M10(Oxidation)	41	0.000898 301	1	1432.672	10.95	Male reproductive organs	2R:+:5557024-5557056	exon=> In CDS Exon 1 of transcript AGAP001490-PA
JHU_Ag_5387	LVSVLQFDETVR	AGAP001490-PA	-	81	8.02E-08	2	1405.768	-0.19	Male reproductive organs	2R:+:5557561-5557596	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_14427	FYASAALIQPSLFLQR	AGAP001490-PA	-	52	4.55E-05	2	1825.009	4.43	Pupa	2R:+:5557870-5557917	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_20434	FYASAALIQPSLFLQR	AGAP001490-PA	-	64	3.14E-06	2	1825.000	-0.52	Midgut	2R:+:5557870-5557917	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_22072	LVSVLQFDETVR	AGAP001490-PA	-	78	1.48E-07	2	1405.769	-0.01	Ovary	2R:+:5557561-5557596	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_34857	LSLCPTLEPFVTDALK	AGAP001490-PA	C4(Carbamidomethyl)	79	1.49E-07	1	1803.957	0.56	Ovary	2R:+:5558575-5558622	exon=> In CDS Exon 4 of transcript AGAP001490-PA
JHU_Ag_41630	LLSAIVDHR	AGAP001490-PA	-	53	2.19E-05	2	1023.593	-1.38	Male reproductive organs	2R:+:5558434-5558460	exon=> In CDS Exon 4 of transcript AGAP001490-PA
JHU_Ag_45603	FYASAALIQPSLFLQR	AGAP001490-PA	-	37	0.001246 495	1	1825.012	5.97	Visceras	2R:+:5557870-5557917	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_47958	FYASAALIQPSLFLQR	AGAP001490-PA	-	36	0.001867 695	1	1825.006	2.96	Head	2R:+:5557870-5557917	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_48504	VYVNFVSVK	AGAP001490-PA	-	40	0.000576 442	2	1054.593	0	Ovary	2R:+:5557801-5557827	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_49596	EGFDYIEGIDLFR	AGAP001490-PA	-	64	6.89E-06	2	1573.753	-0.02	Ovary	2R:+:5557759-5557797	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_54793	DLEMVQTLFK	AGAP001490-PA	M4(Oxidation)	65	4.66E-06	2	1239.627	-1.92	Male reproductive organs	2R:+:5558368-5558397	exon=> In CDS Exon 4 of transcript AGAP001490-PA
JHU_Ag_56639	RLDTLNVNVAQFK	AGAP001490-PA	-	57	1.24E-05	2	1517.845	0.66	Pupa	2R:+:5558518-5558556	exon=> In CDS Exon 4 of transcript AGAP001490-PA
JHU_Ag_57650	FVLPNALK	AGAP001490-PA	-	32	0.002710 802	1	901.550	-0.16	Male reproductive organs	2R:+:5557846-5557869	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_60214	VYVNFVSVK	AGAP001490-PA	-	53	3.25E-05	1	1054.592	-0.93	Male reproductive organs	2R:+:5557801-5557827	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_72494	TNSLDLLESK	AGAP001490-PA	-	61	1.53E-05	2	1119.588	-1.16	Ovary	2R:+:5557081-5557110	exon=> In CDS Exon 1 of transcript AGAP001490-PA
JHU_Ag_74147	RLDTLNVNVAQFK	AGAP001490-PA	-	75	2.22E-07	1	1517.844	0.5	Male reproductive organs	2R:+:5558518-5558556	exon=> In CDS Exon 4 of transcript AGAP001490-PA
JHU_Ag_77490	EFPGILHSTTDVYK	AGAP001490-PA	-	49	0.000232 164	1	1606.812	0.76	Midgut	2R:+:5558141-5558182	exon=> In CDS Exon 3 of transcript AGAP001490-PA
JHU_Ag_77910	EGFDYIEGIDLFR	AGAP001490-PA	-	69	1.84E-06	2	1573.756	1.92	Head	2R:+:5557759-5557797	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_80440	EFPGILHSTTDVYK	AGAP001490-PA	-	39	0.002278 854	1	1606.804	-4.63	Male reproductive organs	2R:+:5558141-5558182	exon=> In CDS Exon 3 of transcript AGAP001490-PA
JHU_Ag_84616	ALEFFPNGSASVIDR	AGAP001490-PA	N7(Deamidated)	47	0.000380 583	1	1623.805	2.13	Midgut	2R:+:5557294-5557338	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_87103	FLAEADADQHTTASR	AGAP001490-PA	-	59	1.57E-05	1	1632.762	0.28	Male reproductive organs	2R:+:5557171-5557190,5557254-5557278	exon=> In CDS Exon 1 and 2 of transcript AGAP001490-PA

JHU_Ag_95855	FLAEADADQHTTASR	AGAP001490-PA	-	88	2.36E-08	2	1632.763	1.25	Pupa	2R:+:5557171-5557190,5557254-5557278	exon=> In CDS Exon 1 and 2 of transcript AGAP001490-PA
JHU_Ag_96127	FYASAALIQPSLFLQR	AGAP001490-PA	-	106	1.86E-10	1	1824.998	-1.39	Ovary	2R:+:5557870-5557917	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_98458	LVSVLQFDETVR	AGAP001490-PA	-	43	0.000476436	2	1405.777	5.72	Malpighian tubule	2R:+:5557561-5557596	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_105581	ALEFFPNGSASVIDR	AGAP001490-PA	-	47	0.00034419	2	1622.817	-0.42	Ovary	2R:+:5557294-5557338	exon=> In CDS Exon 2 of transcript AGAP001490-PA
JHU_Ag_107392	RLDTLNVNVAQFK	AGAP001490-PA	-	56	1.85E-05	1	1517.844	0.35	Ovary	2R:+:5558518-5558556	exon=> In CDS Exon 4 of transcript AGAP001490-PA
JHU_Ag_523	IATVPECIGVLVK	AGAP001491-PA	C7(Carbamidomethyl)	38	0.000820873	2	1398.806	2.68	Male reproductive organs	2R:-:5559663-5559625	exon=> In CDS Exon 1 of transcript AGAP001491-PA
JHU_Ag_19970	TGVLKISLLR	AGAP001491-PA	-	15	0.010594197	1	1099.708	-10.36	Midgut	2R:-:5559834-5559805	exon=> In CDS Exon 1 of transcript AGAP001491-PA
JHU_Ag_72341	LETLNMMNNLLTSVPR	AGAP001491-PA	M6(Oxidation), M7(Oxidation)	102	1.08E-09	1	1877.950	2.04	Male reproductive organs	2R:-:5559624-5559577	exon=> In CDS Exon 1 of transcript AGAP001491-PA
JHU_Ag_72749	LEENCLQIAAIHPR	AGAP001491-PA	C5(Carbamidomethyl)	102	9.80E-10	1	1663.859	0.2	Male reproductive organs	2R:-:5559336-5559295	exon=> In CDS Exon 1 of transcript AGAP001491-PA
JHU_Ag_106169	ISLLRLDEFPSALK	AGAP001491-PA	-	32	0.001018681	1	1601.931	2.73	Malpighian tubule	2R:-:5559819-5559778	exon=> In CDS Exon 1 of transcript AGAP001491-PA
JHU_Ag_96194	TGRKPSEDNETVPK	AGAP001496-PA	N9(Deamidated)	33	0.006530393	2	1558.771	-0.09	Head	2R:+:5639343-5639384	exon=> In CDS Exon 2 of transcript AGAP001496-PA
JHU_Ag_22953	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	95	4.42E-09	1	1884.907	3.33	Larva	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB
JHU_Ag_24236	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	95	4.51E-09	1	1884.903	1.19	Head	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB
JHU_Ag_47004	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	96	4.13E-09	1	1884.904	1.78	Visceras	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB
JHU_Ag_67674	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	89	1.89E-08	1	1884.899	-0.82	Male reproductive organs	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB
JHU_Ag_96767	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	65	4.55E-06	1	1884.902	0.47	Ovary	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB

JHU_Ag_102602	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	95	4.28E-09	1	1884.910	4.75	Malpighian tubule	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB
JHU_Ag_107373	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	64	5.78E-06	1	1884.911	5.43	Midgut	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB
JHU_Ag_116919	MLDPDDLINTPKPDER	AGAP001497-PA,AGAP001497-PB	M1(Oxidation)	101	1.28E-09	1	1884.904	1.52	Pupa	2R:-:5650503-5650641,5650192-5650246;2R:-:5650503-5650641,5650192-5650246	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PB
JHU_Ag_159	AFEEWLLAETMRLER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	75	4.76E-07	1	1909.951	1.58	Male reproductive organs	2R:-:5648255-5648211;2R:-:5648255-5648211;2R:-:5648255-5648211	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_294	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N7(Deamidated),Q8(Deamidated)	103	6.29E-10	1	1442.761	0.74	Head	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC
JHU_Ag_362	KTFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	48	0.000302178	2	1520.742	-0.34	Head	2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011	exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PC
JHU_Ag_370	QSDSTLAGVQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	77	3.43E-07	2	1133.582	1.85	Visceras	2R:-:5648483-5648451;2R:-:5648483-5648451;2R:-:5648483-5648451	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_611	AAPFNNWLDGAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	64	5.08E-06	1	1331.649	-0.34	Male reproductive organs	2R:-:5647757-5647722;2R:-:5647757-5647722;2R:-:5647757-5647722	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_1032	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	102	8.91E-10	1	1272.656	3.04	Salivary gland	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_1486	LAPEEFKSCLVSLGYSIGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C9(Carbamidomethyl)	37	0.001889089	1	2098.094	2.17	Ovary	2R:-:5646940-5646884;2R:-:5646940-5646884;2R:-:5646940-5646884	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_1666	DQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	44	0.000759104	2	1059.543	0.28	Male reproductive organs	2R:-:5647466-5647440;2R:-:5647466-5647440;2R:-:5647466-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_1747	ICDQWDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	40	0.000557427	2	992.425	-0.51	Head	2R:-:5647874-5647854;2R:-:5647874-5647854;2R:-:5647874-5647854	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_1818	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	72	4.24E-07	1	1198.682	-1.16	Midgut	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_1872	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	115	3.54E-11	1	1507.810	-0.71	Male reproductive organs	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_1995	EYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	3.17E-05	1	2189.075	4.49	Salivary gland	2R:-:5647292-5647239;2R:-:5647292-5647239;2R:-:5647292-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_2017	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	62	7.32E-06	2	1196.566	3.7	Larva	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_2048	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	58	1.11E-05	2	1556.870	10.88	Malpighian tubule	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC

JHU_Ag_2633	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	77	2.93E-07	1	1308.682	1.71	Visceras	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_3128	ICDQWDRLGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	60	1.39E-05	2	1731.866	3.85	Malpighian tubule	2R:-:5647874-5647833;2R:-:5647874-5647833;2R:-:5647874-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_4001	HKADTHEDWTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	2.24E-05	1	1367.634	0.31	Male reproductive organs	2R:-:5648183-5648151;2R:-:5648183-5648151;2R:-:5648183-5648151	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_4088	KAGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	82	9.45E-08	2	1594.773	1.06	Pupa	2R:-:5655010-5654969;2R:-:5655010-5654969;2R:-:5655010-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_4260	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	172	9.48E-17	1	2118.067	-2.24	Head	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_4407	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	120	9.39E-12	2	1813.811	1.1	Ovary	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_4481	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	88	2.49E-08	1	1581.784	0.79	Pupa	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_4572	ILASDRPYILPDELRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000157466	1	1927.071	-2.55	Male reproductive organs	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC

JHU_Ag_4811	GKEEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M5(Oxidation)	86	3.23E-08	1	1467.687	-1.65	Head	2R:-:5648150-5648115;2R:-:5648150-5648115;2R:-:5648150-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_5080	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	50	0.000131789	2	1511.722	1.48	Salivary gland	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_5343	GLEHAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	42	0.000474643	1	783.399	-0.93	Visceras	2R:-:5648276-5648256;2R:-:5648276-5648256;2R:-:5648276-5648256	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_5355	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	103	5.02E-10	1	1507.810	-1.36	Midgut	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_6060	HKADTHEDWTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	50	0.000121719	1	1367.638	3.34	Salivary gland	2R:-:5648183-5648151;2R:-:5648183-5648151;2R:-:5648183-5648151	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_6689	ADTHEDWTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	2.14E-05	1	1102.481	1.11	Malpighian tubule	2R:-:5648177-5648151;2R:-:5648177-5648151;2R:-:5648177-5648151	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_6854	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000311802	1	1243.643	-0.11	Ovary	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_7291	HEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	77	2.18E-07	1	1625.735	2.88	Visceras	2R:-:5648075-5648034;2R:-:5648075-5648034;2R:-:5648075-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_7336	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	97	2.21E-09	2	1507.812	0.02	Salivary gland	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC

JHU_Ag_7352	ALVPQRDQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	75	1.76E-07	1	1723.952	4.01	Malpighian tubule	2R:-:5647484-5647440;2R:-:5647484-5647440;2R:-:5647484-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_7542	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	58	2.51E-05	1	1479.726	-0.4	Midgut	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_7713	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	89	2.02E-08	1	1495.725	-0.27	Midgut	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_8247	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	39	0.001906218	1	1446.752	2.09	Salivary gland	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_9056	KHEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	61	1.30E-05	1	1753.829	2.31	Visceras	2R:-:5648078-5648034;2R:-:5648078-5648034;2R:-:5648078-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_9206	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	106	3.97E-10	1	1878.926	3.41	Ovary	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_9398	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	108	1.81E-10	1	1507.810	-1.36	Pupa	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_10373	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	105	1.73E-10	2	1945.082	3.49	Larva	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_10531	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	149	6.91E-15	1	1945.079	1.67	Pupa	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_10601	TFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	47	0.000235274	2	1392.651	2.44	Ovary	2R:-:5655043-5655011;2R:-:5655043-5655011;2R:-:5655043-5655011	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_10861	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	98	2.47E-09	2	1495.729	2.67	Visceras	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_10948	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	90	1.61E-08	2	1215.675	1.41	Pupa	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_11005	KHEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	100	1.56E-09	1	1753.824	-0.94	Pupa	2R:-:5648078-5648034;2R:-:5648078-5648034;2R:-:5648078-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_11219	TFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	66	3.53E-06	1	1392.650	1.74	Visceras	2R:-:5655043-5655011;2R:-:5655043-5655011;2R:-:5655043-5655011	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_11329	TFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	83	6.54E-08	1	1392.650	1.39	Male reproductive organs	2R:-:5655043-5655011;2R:-:5655043-5655011;2R:-:5655043-5655011	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_11436	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	70	0.000001185	2	1442.765	3.7	Larva	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC
JHU_Ag_11885	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N14(Deamidated)	117	3.60E-11	1	1878.919	-0.26	Head	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC

JHU_Ag_11908	YTHYTMETLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	34	0.003332906	1	1330.608	-1.17	Male reproductive organs	2R:-:5647196-5647167;2R:-:5647196-5647167;2R:-:5647196-5647167	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_11928	LEHLAQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	39	0.000815323	2	838.478	-0.47	Visceras	2R:-:5648210-5648190;2R:-:5648210-5648190;2R:-:5648210-5648190	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_12592	DQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	50	0.000210524	2	1059.543	-0.41	Head	2R:-:5647466-5647440;2R:-:5647466-5647440;2R:-:5647466-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_12881	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	76	3.92E-07	2	1215.674	0.71	Ovary	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_13000	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	138	2.46E-13	1	1789.864	1.99	Pupa	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_13626	EFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	74	2.00E-07	2	1159.685	1.44	Head	2R:-:5647619-5647590;2R:-:5647619-5647590;2R:-:5647619-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_13877	EGLLLWCQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	59	2.31E-05	2	1174.606	1.78	Salivary gland	2R:-:5650801-5650775;2R:-:5650801-5650775;2R:-:5650801-5650775	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_14259	LGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	51	0.000108177	2	758.458	7.32	Male reproductive organs	2R:-:5647853-5647833;2R:-:5647853-5647833;2R:-:5647853-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_14664	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	85	5.26E-08	1	1597.778	0.38	Male reproductive organs	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_14700	ELPPDQAEYCIQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C10(Carbamidomethyl)	64	6.40E-06	2	1618.756	1.92	Ovary	2R:-:5646610-5646572;2R:-:5646610-5646572;2R:-:5646610-5646572	exon=> In CDS Exon 11 of transcript AGAP001497-PA;exon=> In CDS Exon 10 of transcript AGAP001497-PB;exon=> In CDS Exon 10 of transcript AGAP001497-PC
JHU_Ag_14741	MTLGMIWTIILR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation), M5(Oxidation)	86	1.85E-08	1	1479.813	4.48	Larva	2R:-:5650879-5650844;2R:-:5650879-5650844;2R:-:5650879-5650844	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_14878	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	148	2.07E-14	1	2430.252	3.5	Visceras	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_15187	LMLLLEVISGETLPKPDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	93	2.13E-09	1	2040.140	-0.4	Salivary gland	2R:-:5654956-5654903;2R:-:5654956-5654903;2R:-:5654956-5654903	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_15391	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N14(Deamidated)	123	7.81E-12	1	1878.926	3.48	Visceras	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_15417	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	71	4.78E-07	1	1770.982	3.91	Larva	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_15469	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	120	9.47E-12	2	1813.808	-0.58	Midgut	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC

JHU_Ag_16041	SCLVSLGYSIGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	77	2.25E-07	1	1283.672	4.17	Male reproductive organs	2R:-:5646919-5646884;2R:-:5646919-5646884;2R:-:5646919-5646884	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_16247	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	89	2.02E-08	1	1308.681	1.15	Head	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_16307	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	70	1.79E-06	1	1479.729	1.83	Malpighian tubule	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_16350	QEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	134	3.86E-13	2	2358.233	1.44	Head	2R:-:5647568-5647503;2R:-:5647568-5647503;2R:-:5647568-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_16768	EGLLLWCQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	56	5.27E-05	1	1174.605	1.15	Pupa	2R:-:5650801-5650775;2R:-:5650801-5650775;2R:-:5650801-5650775	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_17125	GKEEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M5(Oxidation)	70	1.20E-06	1	1483.684	-0.43	Salivary gland	2R:-:5648150-5648115;2R:-:5648150-5648115;2R:-:5648150-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_17299	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	82	8.71E-08	2	1442.763	2.52	Midgut	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC
JHU_Ag_17539	ILEKIDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	91	1.31E-09	1	1681.997	4.94	Malpighian tubule	2R:-:5647802-5647761;2R:-:5647802-5647761;2R:-:5647802-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_17638	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	74	6.62E-07	1	1463.733	1.46	Head	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_17641	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	72	9.00E-07	2	1308.683	2.74	Ovary	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_17667	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	5.27E-05	1	1243.651	6.31	Male reproductive organs	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_17975	KTFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	44	0.000728 85	1	1520.743	0.04	Salivary gland	2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011	exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PC
JHU_Ag_18032	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	105	2.52E-10	1	1556.856	1.94	Visceras	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_18263	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Q6(Deamidated)	73	1.01E-06	1	1321.677	1.77	Head	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_18508	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	125	4.23E-12	1	2430.253	3.88	Malpighian tubule	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_18602	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	54	5.31E-05	1	1243.642	-0.75	Visceras	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC

JHU_Ag_18800	ILEKIDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	118	2.81E-12	1	1681.990	0.47	Ovary	2R:-:5647802-5647761;2R:-:5647802-5647761;2R:-:5647802-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_19582	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	88	1.40E-08	1	1556.854	0.53	Ovary	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_20215	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	76	3.55E-07	1	1415.765	0.44	Ovary	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_20678	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	135	3.60E-13	1	1813.815	3.59	Visceras	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_20849	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000301567	1	864.483	-0.05	Midgut	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_21190	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation), M10(Oxidation)	88	2.58E-08	1	2375.134	0.18	Male reproductive organs	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_21315	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N14(Deamidated)	91	1.44E-08	1	1879.908	2.75	Salivary gland	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_21400	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	67	2.62E-06	2	864.481	-1.41	Pupa	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_21564	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	53	7.91E-05	2	1479.727	0.59	Visceras	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC

JHU_Ag_21593	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	121	6.54E-12	1	1556.861	5	Head	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_21661	IHQAVQESMIFENR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M9(Oxidation)	105	5.99E-10	1	1717.838	3.05	Male reproductive organs	2R:-:5647238-5647197;2R:-:5647238-5647197;2R:-:5647238-5647197	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_21769	GLEHAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	37	0.001734887	1	783.401	2.18	Head	2R:-:5648276-5648256;2R:-:5648276-5648256;2R:-:5648276-5648256	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_22166	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N14(Deamidated)	60	1.64E-05	1	1879.913	5.19	Larva	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_22213	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	91	1.16E-08	1	1272.652	0.16	Male reproductive organs	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_22229	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	49	0.000204127	2	1180.567	0.58	Ovary	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_22807	YTHYTMETLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	57	1.95E-05	1	1330.604	-4.18	Head	2R:-:5647196-5647167;2R:-:5647196-5647167;2R:-:5647196-5647167	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_22987	ICDQWDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	53	3.02E-05	2	992.429	3.91	Male reproductive organs	2R:-:5647874-5647854;2R:-:5647874-5647854;2R:-:5647874-5647854	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_23765	LMEEYER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	54	1.68E-05	1	985.430	0.23	Salivary gland	2R:-:5648638-5648618;2R:-:5648638-5648618;2R:-:5648638-5648618	exon=> In CDS Exon 7 of transcript AGAP001497-PA;exon=> In CDS Exon 6 of transcript AGAP001497-PB;exon=> In CDS Exon 6 of transcript AGAP001497-PC

JHU_Ag_23855	KHEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	71	1.16E-06	1	1753.834	4.9	Ovary	2R:-:5648078-5648034;2R:-:5648078-5648034;2R:-:5648078-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_24440	AAPFNNWLDGAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	76	4.06E-07	2	1331.654	3.51	Salivary gland	2R:-:5647757-5647722;2R:-:5647757-5647722;2R:-:5647757-5647722	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_25133	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	71	1.19E-06	1	1308.679	-0.34	Salivary gland	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_25721	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	89	1.68E-08	2	1215.679	4.72	Larva	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_26075	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	94	5.08E-09	1	1442.763	1.84	Pupa	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC
JHU_Ag_26278	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	76	3.64E-07	1	1789.869	4.59	Salivary gland	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_26415	RQGLDEAER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	50	0.000121737	2	1073.533	-0.89	Male reproductive organs	2R:-:5647829-5647803;2R:-:5647829-5647803;2R:-:5647829-5647803	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_26432	YLDIPR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	37	0.002849953	1	776.431	0.91	Head	2R:-:5650521-5650504;2R:-:5650521-5650504;2R:-:5650521-5650504	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC

JHU_Ag_27101	LGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	49	0.000143809	2	758.454	2.74	Larva	2R:-:5647853-5647833;2R:-:5647853-5647833;2R:-:5647853-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_27103	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	49	0.000124002	2	864.485	2.61	Larva	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_27438	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	4.53E-05	1	1243.642	-0.46	Midgut	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_27488	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	90	1.67E-08	2	1495.728	1.93	Ovary	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_27969	HEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	77	1.95E-07	1	1625.728	-1.18	Pupa	2R:-:5648075-5648034;2R:-:5648075-5648034;2R:-:5648075-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_28056	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation), M10(Oxidation)	60	1.41E-05	1	2375.138	2.18	Pupa	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_28169	ELPPDQAEYCIQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C10(Carbamidomethyl)	73	7.91E-07	1	1618.756	1.77	Salivary gland	2R:-:5646610-5646572;2R:-:5646610-5646572;2R:-:5646610-5646572	exon=> In CDS Exon 11 of transcript AGAP001497-PA;exon=> In CDS Exon 10 of transcript AGAP001497-PB;exon=> In CDS Exon 10 of transcript AGAP001497-PC
JHU_Ag_28283	DAEAIVKQEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	129	8.61E-13	1	3084.636	4.91	Malpighian tubule	2R:-:5647589-5647503;2R:-:5647589-5647503;2R:-:5647589-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_28325	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	88	2.52E-08	2	2118.069	-1.09	Visceras	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC

JHU_Ag_28745	EGLLLWCQRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	42	0.001091712	1	1302.699	0.29	Ovary	2R:-:5650801-5650772;2R:-:5650801-5650772;2R:-:5650801-5650772	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_28843	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	99	9.08E-10	1	1770.977	1.22	Visceras	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_28915	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation),M10(Oxidation),"Q1(Deamidated), M2(Oxidation)","M2(Oxidation), M10(Oxidation)"	104	6.42E-10	1	2343.155	4.88	Head	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_29287	LMEEYER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	37	0.000846755	1	985.429	-0.63	Midgut	2R:-:5648638-5648618;2R:-:5648638-5648618;2R:-:5648638-5648618	exon=> In CDS Exon 7 of transcript AGAP001497-PA;exon=> In CDS Exon 6 of transcript AGAP001497-PB;exon=> In CDS Exon 6 of transcript AGAP001497-PC
JHU_Ag_29428	QSDSTLAGVQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	85	5.77E-08	2	1133.579	-0.74	Head	2R:-:5648483-5648451;2R:-:5648483-5648451;2R:-:5648483-5648451	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_30428	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	77	4.10E-07	1	1321.680	4.08	Malpighian tubule	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_30829	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	121	1.11E-11	2	1789.868	4.38	Larva	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_30842	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	96	3.61E-09	1	2118.071	-0.05	Midgut	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC

JHU_Ag_30851	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	157	2.93E-15	1	2118.073	0.53	Pupa	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_30940	YTHYTMETLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	45	0.000257657	1	1330.609	-0.8	Midgut	2R:-:5647196-5647167;2R:-:5647196-5647167;2R:-:5647196-5647167	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_30946	DAEAIVK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	44	0.001521623	2	745.410	0.67	Head	2R:-:5647589-5647569;2R:-:5647589-5647569;2R:-:5647589-5647569	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_31278	AAPFNNWLDGAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	70	1.37E-06	2	1331.649	-0.25	Midgut	2R:-:5647757-5647722;2R:-:5647757-5647722;2R:-:5647757-5647722	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_31312	ILASDRPYILPDELRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	1.15E-05	1	1927.076	-0.27	Midgut	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_31551	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	131	8.86E-13	1	2430.246	0.94	Pupa	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_31990	LEHLAQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	51	4.54E-05	1	838.477	-1.12	Head	2R:-:5648210-5648190;2R:-:5648210-5648190;2R:-:5648210-5648190	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_32025	SSFNHFDK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000243491	2	981.440	-2.56	Salivary gland	2R:-:5646979-5646956;2R:-:5646979-5646956;2R:-:5646979-5646956	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC

JHU_Ag_32303	ILASDRPYILPDELRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	8.40E-06	1	1927.085	4.57	Malpighian tubule	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_32350	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	78	2.38E-07	2	1215.674	0.91	Salivary gland	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_32443	TFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	83	5.56E-08	1	1392.647	-0.89	Pupa	2R:-:5655043-5655011;2R:-:5655043-5655011;2R:-:5655043-5655011	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_32984	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	72	4.48E-07	1	1198.682	-0.56	Salivary gland	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_33017	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	48	0.000177985	1	864.484	1.15	Head	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_33106	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	1.99E-05	2	864.484	1.69	Visceras	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_33330	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	49	7.77E-05	1	1770.979	2.25	Ovary	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC

JHU_Ag_33388	SCLVSLGYSIGKDK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	70	1.26E-06	1	1526.790	1.37	Head	2R:-:5646919-5646878;2R:-:5646919-5646878;2R:-:5646919-5646878	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_33765	LASDLLEWIRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	31	0.005613474	1	1371.782	5.83	Malpighian tubule	2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_34531	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	102	8.48E-10	1	1442.760	-0.1	Male reproductive organs	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC
JHU_Ag_34981	EYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	50	0.000137355	1	2189.067	1.03	Visceras	2R:-:5647292-5647239;2R:-:5647292-5647239;2R:-:5647292-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_35156	DKQGDMDFQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	56	2.20E-05	1	1239.541	-1.42	Head	2R:-:5646883-5646854;2R:-:5646883-5646854;2R:-:5646883-5646854	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_35410	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation), M10(Oxidation)	46	0.000421225	3	2375.136	1.1	Ovary	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_35579	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	56	2.43E-05	1	864.485	2.54	Malpighian tubule	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_35765	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	68	2.54E-06	2	1446.754	3.43	Midgut	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC

JHU_Ag_36147	LASDLLEWIRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	45	0.000289593	1	1371.776	1.49	Pupa	2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_36221	IHQAVQESMIFENR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M9(Oxidation)	79	2.31E-07	2	1717.836	1.62	Salivary gland	2R:-:5647238-5647197;2R:-:5647238-5647197;2R:-:5647238-5647197	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_36356	DAEAIVK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	41	0.001139986	1	745.409	-0.78	Male reproductive organs	2R:-:5647589-5647569;2R:-:5647589-5647569;2R:-:5647589-5647569	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_37025	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	128	2.75E-12	2	1789.868	4.11	Visceras	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_37733	DAEAIVKQEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	42	0.000450047	1	3084.625	1.23	Midgut	2R:-:5647589-5647503;2R:-:5647589-5647503;2R:-:5647589-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_37868	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	102	1.05E-09	1	1581.782	-0.83	Head	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_38402	IDLLHLEFAKR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	1.38E-05	1	1354.786	0.97	Pupa	2R:-:5647790-5647758;2R:-:5647790-5647758;2R:-:5647790-5647758	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_38653	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	91	1.29E-08	1	1272.655	2.56	Visceras	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC

JHU_Ag_38865	EGLLDPAWEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	50	9.90E-05	2	1157.587	2.64	Salivary gland	2R:-:5659335-5659306;2R:-:5659335-5659306;2R:-:5659335-5659306	exon=> In CDS Exon 1 of transcript AGAP001497-PA;exon=> In CDS Exon 1 of transcript AGAP001497-PB;exon=> In CDS Exon 1 of transcript AGAP001497-PC
JHU_Ag_39036	YTHYTMETLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	43	0.000571115	1	1330.613	2.49	Visceras	2R:-:5647196-5647167;2R:-:5647196-5647167;2R:-:5647196-5647167	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_39070	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	108	1.26E-10	1	1556.856	2.02	Pupa	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_39446	EEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M3(Oxidation)	55	2.01E-05	1	1298.566	-1.82	Head	2R:-:5648144-5648115;2R:-:5648144-5648115;2R:-:5648144-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_39737	LEHLAQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	4.13E-05	1	838.478	-0.39	Male reproductive organs	2R:-:5648210-5648190;2R:-:5648210-5648190;2R:-:5648210-5648190	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_40148	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	74	6.54E-07	1	1479.731	3.48	Larva	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_40258	ADTHEDWTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	31	0.003457673	2	1102.479	-0.66	Pupa	2R:-:5648177-5648151;2R:-:5648177-5648151;2R:-:5648177-5648151	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_40450	EYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	109	1.97E-10	1	2189.069	2.04	Head	2R:-:5647292-5647239;2R:-:5647292-5647239;2R:-:5647292-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_40456	DQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	5.89E-05	2	1059.543	0.05	Salivary gland	2R:-:5647466-5647440;2R:-:5647466-5647440;2R:-:5647466-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_40813	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	74	8.17E-07	1	1321.675	0.57	Salivary gland	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_41160	MTLGMIWTIILR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation), M5(Oxidation)	69	9.95E-07	1	1479.811	3.16	Ovary	2R:-:5650879-5650844;2R:-:5650879-5650844;2R:-:5650879-5650844	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_41171	SCLVSLGYSIGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	82	6.57E-08	1	1283.669	2.37	Salivary gland	2R:-:5646919-5646884;2R:-:5646919-5646884;2R:-:5646919-5646884	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_41528	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	91	1.25E-08	2	1215.670	-2.31	Visceras	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_41785	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	78	1.05E-07	1	1198.684	0.76	Pupa	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_41933	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	134	1.59E-13	1	1945.088	6.31	Salivary gland	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_42014	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	85	2.39E-08	1	1770.979	2.39	Midgut	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_42567	TFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	83	6.71E-08	1	1392.649	0.77	Head	2R:-:5655043-5655011;2R:-:5655043-5655011;2R:-:5655043-5655011	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC

JHU_Ag_42720	ADTHEDWTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	31	0.003018449	2	1102.479	-0.77	Head	2R:-:5648177-5648151;2R:-:5648177-5648151;2R:-:5648177-5648151	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_42886	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	64	6.09E-06	1	1308.683	2.36	Malpighian tubule	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_42927	DKQGDMDFQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	62	3.35E-06	1	1255.536	-0.95	Male reproductive organs	2R:-:5646883-5646854;2R:-:5646883-5646854;2R:-:5646883-5646854	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_42977	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	90	1.41E-08	1	1308.680	0.78	Pupa	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_43465	LEHLAQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	45	0.000139111	2	838.481	2.95	Midgut	2R:-:5648210-5648190;2R:-:5648210-5648190;2R:-:5648210-5648190	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_43485	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	84	5.30E-08	2	1466.680	2.98	Visceras	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_43612	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M10(Oxidation),"M2(Oxidation), M10(Oxidation)"	63	7.34E-06	1	2375.145	4.88	Malpighian tubule	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_44912	HEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	121	6.67E-12	1	1625.726	-2.75	Head	2R:-:5648075-5648034;2R:-:5648075-5648034;2R:-:5648075-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_44928	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	125	5.31E-12	1	2118.073	0.87	Ovary	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC

JHU_Ag_45182	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	65	4.04E-06	2	1196.562	-0.07	Pupa	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_45767	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	95	4.20E-09	1	2430.245	0.34	Ovary	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_46239	IDLLHLEFAKR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	62	2.82E-06	1	1354.785	0.23	Male reproductive organs	2R:-:5647790-5647758;2R:-:5647790-5647758;2R:-:5647790-5647758	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_46348	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	85	5.06E-08	1	1272.653	0.55	Midgut	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_46415	RQGLDEAER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	3.02E-05	2	1073.528	-4.87	Head	2R:-:5647829-5647803;2R:-:5647829-5647803;2R:-:5647829-5647803	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_46936	ICDQWDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	46	0.000125657	2	992.425	-0.7	Salivary gland	2R:-:5647874-5647854;2R:-:5647874-5647854;2R:-:5647874-5647854	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_47038	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	149	8.97E-15	1	1945.069	-3.1	Midgut	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_47084	AAPFNNWLDGAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	91	1.20E-08	1	1331.650	0.49	Head	2R:-:5647757-5647722;2R:-:5647757-5647722;2R:-:5647757-5647722	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_47425	AAPFNNWLDGAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	87	2.86E-08	2	1331.652	1.95	Visceras	2R:-:5647757-5647722;2R:-:5647757-5647722;2R:-:5647757-5647722	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_47482	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	3.93E-05	1	1198.684	0.52	Malpighian tubule	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_47636	VNQENER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	42	0.000371838	1	888.417	-0.32	Salivary gland	2R:-:5648659-5648639;2R:-:5648659-5648639;2R:-:5648659-5648639	exon=> In CDS Exon 7 of transcript AGAP001497-PA;exon=> In CDS Exon 6 of transcript AGAP001497-PB;exon=> In CDS Exon 6 of transcript AGAP001497-PC
JHU_Ag_47710	QSDSTLAGVQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	74	7.39E-07	2	1133.583	3.14	Malpighian tubule	2R:-:5648483-5648451;2R:-:5648483-5648451;2R:-:5648483-5648451	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_47834	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Q5(Deamidated)	86	3.09E-08	2	1415.768	2.68	Pupa	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_47940	KAGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	97	2.79E-09	1	1594.773	1.13	Head	2R:-:5655010-5654969;2R:-:5655010-5654969;2R:-:5655010-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_48329	LASDLLEWIRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	45	0.000265047	1	1371.774	-0.24	Male reproductive organs	2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_49350	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	64	6.67E-06	1	1180.567	0.44	Head	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_50163	ELPPDQAEYCIQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C10(Carbamidomethyl)	72	8.63E-07	2	1618.755	0.94	Male reproductive organs	2R:-:5646610-5646572;2R:-:5646610-5646572;2R:-:5646610-5646572	exon=> In CDS Exon 11 of transcript AGAP001497-PA;exon=> In CDS Exon 10 of transcript AGAP001497-PB;exon=> In CDS Exon 10 of transcript AGAP001497-PC

JHU_Ag_51204	DQTLANELRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	69	1.88E-06	1	1187.636	-2.01	Head	2R:-:5647466-5647437;2R:-:5647466-5647437;2R:-:5647466-5647437	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_51631	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	73	8.43E-07	1	1597.780	1.37	Salivary gland	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_52091	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M10(Oxidation),"M2(Oxidation), M10(Oxidation)"	67	3.26E-06	1	2343.155	4.8	Visceras	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_52107	DAEAIVKQEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	104	2.90E-10	1	3084.628	2.18	Male reproductive organs	2R:-:5647589-5647503;2R:-:5647589-5647503;2R:-:5647589-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_52112	ELPPDQAEYCIQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C10(Carbamidomethyl)	88	2.40E-08	1	1618.754	0.41	Head	2R:-:5646610-5646572;2R:-:5646610-5646572;2R:-:5646610-5646572	exon=> In CDS Exon 11 of transcript AGAP001497-PA;exon=> In CDS Exon 10 of transcript AGAP001497-PB;exon=> In CDS Exon 10 of transcript AGAP001497-PC
JHU_Ag_52285	ELPPDQAEYCIQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C10(Carbamidomethyl)	74	6.22E-07	1	1618.758	3.13	Visceras	2R:-:5646610-5646572;2R:-:5646610-5646572;2R:-:5646610-5646572	exon=> In CDS Exon 11 of transcript AGAP001497-PA;exon=> In CDS Exon 10 of transcript AGAP001497-PB;exon=> In CDS Exon 10 of transcript AGAP001497-PC
JHU_Ag_52377	ELPPDQAEYCIQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C10(Carbamidomethyl)	73	7.73E-07	1	1618.759	3.43	Malpighian tubule	2R:-:5646610-5646572;2R:-:5646610-5646572;2R:-:5646610-5646572	exon=> In CDS Exon 11 of transcript AGAP001497-PA;exon=> In CDS Exon 10 of transcript AGAP001497-PB;exon=> In CDS Exon 10 of transcript AGAP001497-PC
JHU_Ag_52425	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	82	8.41E-08	2	1215.677	3.32	Head	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC

JHU_Ag_53133	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N8(Deamidated)	140	1.40E-13	1	1789.867	3.9	Male reproductive organs	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_53208	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	60	1.29E-05	2	1415.770	4.06	Larva	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_53673	VEQIAAIAQELNTLEYHDCASVNAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C19(Carbamidomethyl)	158	2.25E-15	1	2815.381	4.52	Head	2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884	exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PC
JHU_Ag_53723	IHQAVQESMIFENR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Q3(Deamidated),M9(Oxidation),M9(Oxidation),"Q6(Deamidated),M9(Oxidation)"	112	1.09E-10	1	1717.828	-2.71	Head	2R:-:5647238-5647197;2R:-:5647238-5647197;2R:-:5647238-5647197	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_53952	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	56	2.02E-05	2	1507.817	3.91	Larva	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_54424	LGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	6.47E-05	2	758.451	-1.53	Salivary gland	2R:-:5647853-5647833;2R:-:5647853-5647833;2R:-:5647853-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_54602	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N8(Deamidated)	141	1.04E-13	1	1789.863	1.38	Head	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_54756	IHQAVQESMIFENR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M9(Oxidation)	84	5.78E-08	2	1701.838	0.37	Pupa	2R:-:5647238-5647197;2R:-:5647238-5647197;2R:-:5647238-5647197	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_54900	ANAVGPWIER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	37	0.002259844	2	1112.585	-0.12	Ovary	2R:-:5647394-5647365;2R:-:5647394-5647365;2R:-:5647394-5647365	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_55265	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	71	7.51E-07	2	1813.814	2.78	Pupa	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_55323	AAPFNNWLDGAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	89	1.83E-08	2	1331.650	0.85	Ovary	2R:-:5647757-5647722;2R:-:5647757-5647722;2R:-:5647757-5647722	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_55364	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	102	9.52E-10	1	1272.652	-0.03	Head	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_55487	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	69	1.47E-06	2	1415.774	7.07	Malpighian tubule	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_55607	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	52	7.43E-05	2	1196.565	2.99	Male reproductive organs	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_55967	QEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	81	7.93E-08	2	2358.239	3.61	Salivary gland	2R:-:5647568-5647503;2R:-:5647568-5647503;2R:-:5647568-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_56094	YTHYTMETLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	41	0.000683358	1	1330.608	-1.09	Pupa	2R:-:5647196-5647167;2R:-:5647196-5647167;2R:-:5647196-5647167	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_56637	LGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	56	6.41E-05	2	758.452	0	Pupa	2R:-:5647853-5647833;2R:-:5647853-5647833;2R:-:5647853-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_56677	GKEEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M5(Oxidation)	75	3.34E-07	1	1483.684	-0.35	Male reproductive organs	2R:-:5648150-5648115;2R:-:5648150-5648115;2R:-:5648150-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_57023	TMPWLNSR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	41	0.001089251	1	1020.494	1.29	Male reproductive organs	2R:-:5648507-5648484;2R:-:5648507-5648484;2R:-:5648507-5648484	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_57102	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	58	1.59E-05	2	864.482	-0.64	Salivary gland	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_57378	KAGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	83	8.18E-08	2	1594.774	1.75	Male reproductive organs	2R:-:5655010-5654969;2R:-:5655010-5654969;2R:-:5655010-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_57392	EYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Q4(Deamidated)	33	0.008358428	1	2190.079	13.84	Ovary	2R:-:5647292-5647239;2R:-:5647292-5647239;2R:-:5647292-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_57452	SCLVSLGYSIGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	63	6.28E-06	1	1283.667	0.08	Ovary	2R:-:5646919-5646884;2R:-:5646919-5646884;2R:-:5646919-5646884	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_57569	ICDQWDRLGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	82	9.05E-08	1	1731.860	0.24	Ovary	2R:-:5647874-5647833;2R:-:5647874-5647833;2R:-:5647874-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_58516	KAGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	77	2.98E-07	2	1594.774	1.75	Salivary gland	2R:-:5655010-5654969;2R:-:5655010-5654969;2R:-:5655010-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_58913	MTLGMIWTIILR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation), M5(Oxidation)	72	6.19E-07	2	1479.806	-0.31	Midgut	2R:-:5650879-5650844;2R:-:5650879-5650844;2R:-:5650879-5650844	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC

JHU_Ag_59068	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N14(Deamidated)	103	8.49E-10	1	1879.908	2.36	Pupa	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_59437	EGLLDPAWEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	67	2.08E-06	1	1157.586	2.33	Pupa	2R:-:5659335-5659306;2R:-:5659335-5659306;2R:-:5659335-5659306	exon=> In CDS Exon 1 of transcript AGAP001497-PA;exon=> In CDS Exon 1 of transcript AGAP001497-PB;exon=> In CDS Exon 1 of transcript AGAP001497-PC
JHU_Ag_59600	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	64	2.74E-06	1	1198.686	2.09	Head	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_59934	VEQIAAIAQELNTLEYHDCASVNAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C19(Carbamidomethyl)	116	3.42E-11	1	2815.380	4.26	Pupa	2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884	exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PC
JHU_Ag_60809	EDLVDMFIVHTMEEIQGLIQAHDQFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	199	1.82E-19	1	3086.497	0.15	Head	2R:-:5647721-5647644;2R:-:5647721-5647644;2R:-:5647721-5647644	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_61082	LMLLLEVISGETLPKPDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	100	3.91E-10	1	2040.150	4.62	Larva	2R:-:5654956-5654903;2R:-:5654956-5654903;2R:-:5654956-5654903	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_61242	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	69	1.91E-06	1	1446.752	2.08	Malpighian tubule	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_61488	TFTAWCNSHLRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	34	0.008419986	1	1520.741	-1.29	Ovary	2R:-:5655043-5655008;2R:-:5655043-5655008;2R:-:5655043-5655008	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC

JHU_Ag_61783	DQTLANELRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	65	5.10E-06	1	1187.640	1.9	Visceras	2R:-:5647466-5647437;2R:-:5647466-5647437;2R:-:5647466-5647437	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_61807	SSFNHFDK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N4(Deamidated)	52	5.40E-05	1	981.439	-3.99	Head	2R:-:5646979-5646956;2R:-:5646979-5646956;2R:-:5646979-5646956	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_61993	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Q10(Deamidated)	137	2.33E-13	1	1813.817	4.53	Head	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_62192	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	74	8.21E-07	1	1321.674	-0.26	Midgut	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_62455	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	45	0.000315779	1	864.484	1.07	Ovary	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_62551	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	87	2.07E-08	1	1507.813	0.91	Ovary	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_62697	EGLLLWCQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	42	0.001185945	1	1174.603	-0.76	Head	2R:-:5650801-5650775;2R:-:5650801-5650775;2R:-:5650801-5650775	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_63014	EFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	66	1.05E-06	2	1159.686	2.39	Pupa	2R:-:5647619-5647590;2R:-:5647619-5647590;2R:-:5647619-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_63179	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	84	5.09E-08	2	1511.726	3.66	Larva	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC

JHU_Ag_63495	KLEEYR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	34	0.005374683	2	837.445	-1.24	Head	2R:-:5648450-5648433;2R:-:5648450-5648433;2R:-:5648450-5648433	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_63577	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	96	3.59E-09	2	1581.790	4.73	Visceras	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_63998	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	105	2.47E-10	1	1556.856	1.55	Salivary gland	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_64031	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	106	3.43E-10	2	1789.862	0.63	Ovary	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_64072	AAPFNNWLDGAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	81	1.29E-07	1	1331.651	1.68	Pupa	2R:-:5647757-5647722;2R:-:5647757-5647722;2R:-:5647757-5647722	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_64289	ALVPQRDQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	38	0.000853397	2	1723.947	1.25	Pupa	2R:-:5647484-5647440;2R:-:5647484-5647440;2R:-:5647484-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_64518	ANAVGPWIER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	3.12E-05	1	1112.586	1.3	Pupa	2R:-:5647394-5647365;2R:-:5647394-5647365;2R:-:5647394-5647365	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_64816	QEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	105	3.09E-10	2	2358.231	0.5	Visceras	2R:-:5647568-5647503;2R:-:5647568-5647503;2R:-:5647568-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_65082	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	103	4.72E-10	1	1813.809	-0.11	Salivary gland	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC

JHU_Ag_65148	DAEAIVK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	41	0.001314921	1	745.408	-0.95	Midgut	2R:-:5647589-5647569;2R:-:5647589-5647569;2R:-:5647589-5647569	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_65514	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	36	0.00391978	2	1272.657	3.71	Larva	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_65700	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	165	1.49E-16	1	1945.081	3.05	Visceras	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_66453	EGLLLWCQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	61	1.51E-05	1	1174.602	-1.76	Male reproductive organs	2R:-:5650801-5650775;2R:-:5650801-5650775;2R:-:5650801-5650775	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_66537	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	4.28E-05	1	1198.687	2.89	Larva	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_67044	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	116	1.87E-11	1	1556.854	0.85	Male reproductive organs	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_67712	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	126	2.56E-12	1	1813.810	0.49	Male reproductive organs	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_68049	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	97	2.60E-09	1	1442.767	5.06	Malpighian tubule	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC

JHU_Ag_68208	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	4.64E-05	1	1243.645	1.75	Malpighian tubule	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_68242	ICDQWDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	49	6.72E-05	1	992.426	0.72	Visceras	2R:-:5647874-5647854;2R:-:5647874-5647854;2R:-:5647874-5647854	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_68403	DKQGDMDFQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M6(Oxidation)	43	0.000300024	1	1255.540	2.55	Malpighian tubule	2R:-:5646883-5646854;2R:-:5646883-5646854;2R:-:5646883-5646854	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_69317	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	58	2.06E-05	2	1196.565	2.89	Malpighian tubule	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_69433	DAEAIVKQEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	54	2.51E-05	1	3084.627	1.82	Head	2R:-:5647589-5647503;2R:-:5647589-5647503;2R:-:5647589-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_69625	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	98	1.84E-09	1	1442.761	0.74	Ovary	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC
JHU_Ag_70526	GKEEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M5(Oxidation)	85	4.68E-08	2	1467.694	2.84	Visceras	2R:-:5648150-5648115;2R:-:5648150-5648115;2R:-:5648150-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_70809	VEQIAAIAQELNTLEYHDCASVNAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C19(Carbamidomethyl)	176	3.79E-17	1	2815.382	4.78	Visceras	2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884	exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PC

JHU_Ag_71206	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	130	1.34E-12	1	2430.244	-0.11	Head	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_71660	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	4.94E-05	1	1243.641	-2.01	Pupa	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_71753	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	51	0.000119816	2	2118.069	-1.32	Salivary gland	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_72108	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N7(Deamidated),Q8(Deamidated)	98	1.89E-09	1	1442.765	3.62	Visceras	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC
JHU_Ag_72226	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	121	3.32E-12	1	1945.085	4.68	Malpighian tubule	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_72391	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	67	3.70E-06	1	1321.677	1.49	Visceras	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_72913	LMLLLEVISGETLPKPDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	93	1.78E-09	1	2040.150	4.17	Visceras	2R:-:5654956-5654903;2R:-:5654956-5654903;2R:-:5654956-5654903	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_72926	QSDSTLAGVQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	43	0.000908926	1	1133.582	2.34	Male reproductive organs	2R:-:5648483-5648451;2R:-:5648483-5648451;2R:-:5648483-5648451	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC

JHU_Ag_72943	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	76	4.19E-07	1	1272.653	1.12	Pupa	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_73031	QEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	91	8.10E-09	2	2358.232	0.71	Midgut	2R:-:5647568-5647503;2R:-:5647568-5647503;2R:-:5647568-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_74121	DQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	0.000111573	2	1059.546	2.7	Visceras	2R:-:5647466-5647440;2R:-:5647466-5647440;2R:-:5647466-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_74305	YLDIPR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	38	0.002098472	1	776.433	3.58	Larva	2R:-:5650521-5650504;2R:-:5650521-5650504;2R:-:5650521-5650504	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_74955	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	147	2.24E-14	1	2430.244	0.11	Male reproductive organs	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_75358	SSFNHFDK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000222352	1	981.442	-0.26	Visceras	2R:-:5646979-5646956;2R:-:5646979-5646956;2R:-:5646979-5646956	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_75389	LMLLLEVISGETLPKPDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	150	2.35E-15	1	2024.150	1.81	Head	2R:-:5654956-5654903;2R:-:5654956-5654903;2R:-:5654956-5654903	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_75929	GKEEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M5(Oxidation)	74	5.37E-07	2	1467.688	-1.49	Pupa	2R:-:5648150-5648115;2R:-:5648150-5648115;2R:-:5648150-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_75940	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	84	5.62E-08	2	1415.766	1.13	Midgut	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_76308	SSFNHFDK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	53	5.39E-05	1	981.441	-1.5	Male reproductive organs	2R:-:5646979-5646956;2R:-:5646979-5646956;2R:-:5646979-5646956	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_76407	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	85	4.66E-08	1	1446.750	0.98	Ovary	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_76411	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	91	1.09E-08	2	1415.766	1.47	Head	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_76518	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	73	6.27E-07	1	1466.679	2.23	Ovary	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_76544	EEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M3(Oxidation)	37	0.001499235	2	1298.575	4.95	Male reproductive organs	2R:-:5648144-5648115;2R:-:5648144-5648115;2R:-:5648144-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_76697	DQTLANELRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	69	2.24E-06	1	1187.641	2.72	Malpighian tubule	2R:-:5647466-5647437;2R:-:5647466-5647437;2R:-:5647466-5647437	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_76720	ILEKIDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	104	7.80E-11	1	1681.991	1.45	Pupa	2R:-:5647802-5647761;2R:-:5647802-5647761;2R:-:5647802-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_77367	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	147	2.50E-14	1	2430.244	0.19	Midgut	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_77492	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	116	2.05E-11	1	1556.854	0.69	Midgut	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC

JHU_Ag_77958	QEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	112	6.78E-11	1	2358.231	0.34	Male reproductive organs	2R:-:5647568-5647503;2R:-:5647568-5647503;2R:-:5647568-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_78376	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	101	9.67E-10	1	1466.675	-0.43	Midgut	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_78736	ILASDRPYILPDELRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	51	4.98E-05	1	1927.068	-3.98	Head	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_78770	DQTLANELRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	Q2(Deamidated)	79	2.07E-07	1	1187.638	0.05	Pupa	2R:-:5647466-5647437;2R:-:5647466-5647437;2R:-:5647466-5647437	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_78842	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	72	3.80E-07	1	1198.687	3.66	Ovary	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_79972	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	134	2.27E-13	1	1945.075	-0.02	Male reproductive organs	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_80433	KHEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	74	5.64E-07	1	1753.833	4.12	Male reproductive organs	2R:-:5648078-5648034;2R:-:5648078-5648034;2R:-:5648078-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_80501	ILASDRPYILPDELRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	43	0.000243673	1	1927.076	-0.08	Salivary gland	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC

JHU_Ag_80862	KTFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	86	4.78E-08	1	1520.740	-1.77	Pupa	2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011;2R:-:5659296-5659413,5654882-5655011	exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP001497-PC
JHU_Ag_80921	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N14(Deamidated)	103	8.72E-10	1	1879.908	2.43	Midgut	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_81541	DQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	37	0.003095916	2	1059.541	-1.45	Ovary	2R:-:5647466-5647440;2R:-:5647466-5647440;2R:-:5647466-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_81851	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation),M10(Oxidation),"M2(Oxidation), M10(Oxidation)"	61	1.32E-05	1	2375.134	0.25	Midgut	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_82053	DSKGITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	92	1.09E-08	1	1651.834	3.4	Malpighian tubule	2R:-:5647021-5646980;2R:-:5647021-5646980;2R:-:5647021-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_82319	ANAVGPWIER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	5.24E-05	1	1112.589	3.72	Malpighian tubule	2R:-:5647394-5647365;2R:-:5647394-5647365;2R:-:5647394-5647365	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_82358	LMLLLEVISGETLPKPDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	106	1.06E-10	1	2040.143	0.85	Midgut	2R:-:5654956-5654903;2R:-:5654956-5654903;2R:-:5654956-5654903	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_82553	NINEVENQILTR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	103	6.26E-10	1	1442.765	3.79	Salivary gland	2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022;2R:-:5647130-5647923,5646716-5647022	exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PC

JHU_Ag_82679	QSDSTLAGVQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	80	1.84E-07	2	1133.579	-0.85	Salivary gland	2R:-:5648483-5648451;2R:-:5648483-5648451;2R:-:5648483-5648451	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_82848	SSFNHFDKNR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	71	1.01E-06	1	1251.588	0.91	Ovary	2R:-:5646979-5646950;2R:-:5646979-5646950;2R:-:5646979-5646950	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_83014	KHKPPR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	32	0.00106935	1	762.473	-0.05	Salivary gland	2R:-:5648420-5648403;2R:-:5648420-5648403;2R:-:5648420-5648403	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_83850	TFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	51	9.37E-05	2	1392.644	-2.47	Midgut	2R:-:5655043-5655011;2R:-:5655043-5655011;2R:-:5655043-5655011	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_84136	ILASDRPYILPDELRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	3.00E-05	1	1927.082	2.86	Ovary	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_84564	EGLLDPAWEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	49	0.00014157	1	1157.582	-1.62	Head	2R:-:5659335-5659306;2R:-:5659335-5659306;2R:-:5659335-5659306	exon=> In CDS Exon 1 of transcript AGAP001497-PA;exon=> In CDS Exon 1 of transcript AGAP001497-PB;exon=> In CDS Exon 1 of transcript AGAP001497-PC
JHU_Ag_84685	KHEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	39	0.00173160	2	1753.813	-7.14	Midgut	2R:-:5648078-5648034;2R:-:5648078-5648034;2R:-:5648078-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_84863	ANAVGPWIER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	6.20E-05	1	1112.587	2.18	Visceras	2R:-:5647394-5647365;2R:-:5647394-5647365;2R:-:5647394-5647365	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_85097	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	98	2.00E-09	1	1511.721	0.59	Male reproductive organs	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_85293	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	54	5.16E-05	2	1196.562	0.64	Visceras	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_85748	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	91	1.52E-08	2	1597.784	3.97	Larva	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_85967	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	91	1.30E-08	2	1215.673	-0.6	Male reproductive organs	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_86433	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	88	2.79E-08	1	1446.751	1.15	Head	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_86634	EFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	37	0.000950183	2	1159.683	-0.77	Male reproductive organs	2R:-:5647619-5647590;2R:-:5647619-5647590;2R:-:5647619-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_86913	LAPEEFKSCLVSLGYSIGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C9(Carbamidomethyl)	70	9.56E-07	1	2098.098	4.41	Malpighian tubule	2R:-:5646940-5646884;2R:-:5646940-5646884;2R:-:5646940-5646884	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_86962	DQTLANELRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	4.95E-05	1	1187.636	-1.7	Male reproductive organs	2R:-:5647466-5647437;2R:-:5647466-5647437;2R:-:5647466-5647437	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_86988	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	102	1.03E-09	1	1495.729	2.42	Pupa	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_87088	VEQIAAIAQELNTLEYHDCASVNAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C19(Carbamidomethyl)	79	1.92E-07	3	2815.381	4.59	Salivary gland	2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884	exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PC
JHU_Ag_87098	EGLLLWCQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C7(Carbamidomethyl)	52	0.000107464	1	1174.607	2.92	Visceras	2R:-:5650801-5650775;2R:-:5650801-5650775;2R:-:5650801-5650775	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_87293	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	86	4.18E-08	1	1446.755	4.36	Larva	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_87441	SCLVSLGYSIGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	105	3.57E-10	1	1283.667	0.75	Head	2R:-:5646919-5646884;2R:-:5646919-5646884;2R:-:5646919-5646884	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_87576	LGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	3.84E-05	2	758.453	1.61	Malpighian tubule	2R:-:5647853-5647833;2R:-:5647853-5647833;2R:-:5647853-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_87614	SCLVSLGYSIGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	81	1.04E-07	1	1283.670	2.65	Visceras	2R:-:5646919-5646884;2R:-:5646919-5646884;2R:-:5646919-5646884	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_87774	LEHLAQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	33	0.003036196	1	838.477	-1.12	Salivary gland	2R:-:5648210-5648190;2R:-:5648210-5648190;2R:-:5648210-5648190	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC

JHU_Ag_88027	EGLLDPAWEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	65	3.63E-06	1	1157.586	2.01	Visceras	2R:-:5659335-5659306;2R:-:5659335-5659306;2R:-:5659335-5659306	exon=> In CDS Exon 1 of transcript AGAP001497-PA;exon=> In CDS Exon 1 of transcript AGAP001497-PB;exon=> In CDS Exon 1 of transcript AGAP001497-PC
JHU_Ag_88296	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	72	5.87E-07	2	1507.819	4.63	Malpighian tubule	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_88407	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	58	1.05E-05	1	1770.977	1.36	Malpighian tubule	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_88423	ICDQWDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	47	0.000113332	2	992.426	0.1	Midgut	2R:-:5647874-5647854;2R:-:5647874-5647854;2R:-:5647874-5647854	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_89011	MTLGMIWTIILR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation), M5(Oxidation)	64	2.81E-06	2	1479.813	4.23	Head	2R:-:5650879-5650844;2R:-:5650879-5650844;2R:-:5650879-5650844	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_89647	ANAVGPWIER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000267349	1	1112.585	0.42	Head	2R:-:5647394-5647365;2R:-:5647394-5647365;2R:-:5647394-5647365	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_89990	ELPPDQAEYCIQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C10(Carbamidomethyl)	60	1.61E-05	2	1618.752	-0.49	Midgut	2R:-:5646610-5646572;2R:-:5646610-5646572;2R:-:5646610-5646572	exon=> In CDS Exon 11 of transcript AGAP001497-PA;exon=> In CDS Exon 10 of transcript AGAP001497-PB;exon=> In CDS Exon 10 of transcript AGAP001497-PC
JHU_Ag_90538	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	90	1.78E-08	1	1446.751	1.23	Pupa	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC

JHU_Ag_91363	IHQAVQESMIFENR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M9(Oxidation)	98	3.07E-09	1	1717.831	-0.93	Midgut	2R:-:5647238-5647197;2R:-:5647238-5647197;2R:-:5647238-5647197	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_91382	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	45	0.000399467	1	1243.644	0.78	Larva	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_91609	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation), M10(Oxidation)	64	5.89E-06	1	2375.140	2.87	Salivary gland	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_91638	DAEAIVKQEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	108	1.11E-10	1	3084.625	1.11	Pupa	2R:-:5647589-5647503;2R:-:5647589-5647503;2R:-:5647589-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_91901	LASDLLEWIR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	85	5.26E-08	2	1215.671	-1.8	Midgut	2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511;2R:-:5648617-5648698,5647999-5648511	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_92465	ILASDRPYILPDELRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	9.57E-06	1	1927.079	1.72	Visceras	2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611;2R:-:5646733-5647045,5646482-5646611	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_93026	LERLEHLAQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000115707	1	1236.705	-0.38	Pupa	2R:-:5648219-5648190;2R:-:5648219-5648190;2R:-:5648219-5648190	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_93398	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	103	5.09E-10	1	1507.810	-1.28	Head	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC

JHU_Ag_93837	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	63	5.98E-06	2	1196.564	1.97	Salivary gland	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_94064	ICDQWDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	53	2.81E-05	2	992.425	-0.88	Pupa	2R:-:5647874-5647854;2R:-:5647874-5647854;2R:-:5647874-5647854	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_94160	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	98	2.43E-09	2	2118.081	4.68	Malpighian tubule	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_95052	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	90	1.19E-08	1	1466.676	0.4	Male reproductive organs	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_95420	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	40	0.000820467	1	1770.974	-0.79	Salivary gland	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_95483	ALDFIASK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	3.19E-05	2	864.482	-0.92	Male reproductive organs	2R:-:5650957-5650934;2R:-:5650957-5650934;2R:-:5650957-5650934	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_95760	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	48	0.000235424	1	1243.645	1.23	Salivary gland	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_95960	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	69	1.49E-06	1	2430.249	2.07	Larva	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_96085	MTLGMIWTIILR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation), M5(Oxidation)	75	2.77E-07	1	1479.811	3.24	Salivary gland	2R:-:5650879-5650844;2R:-:5650879-5650844;2R:-:5650879-5650844	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_96337	KHEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	114	6.14E-11	1	1753.825	-0.18	Head	2R:-:5648078-5648034;2R:-:5648078-5648034;2R:-:5648078-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_96663	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	66	3.64E-06	2	1789.868	4.04	Malpighian tubule	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_96669	AFEEWLLAETMRLER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	82	1.04E-07	1	1909.952	2.25	Pupa	2R:-:5648255-5648211;2R:-:5648255-5648211;2R:-:5648255-5648211	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_96673	ADTHEDWTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	34	0.001533853	1	1102.479	-0.99	Male reproductive organs	2R:-:5648177-5648151;2R:-:5648177-5648151;2R:-:5648177-5648151	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_96978	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	85	4.76E-08	1	1446.749	0.31	Male reproductive organs	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_97234	KHEAFESDLAAHQDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	71	1.40E-06	1	1753.831	3.43	Larva	2R:-:5648078-5648034;2R:-:5648078-5648034;2R:-:5648078-5648034	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_97660	QSDSTLAGVQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	79	1.80E-07	2	1133.580	0.34	Pupa	2R:-:5648483-5648451;2R:-:5648483-5648451;2R:-:5648483-5648451	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_98144	QSDSTLAGVQK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	49	0.000215039	2	1133.588	7.34	Larva	2R:-:5648483-5648451;2R:-:5648483-5648451;2R:-:5648483-5648451	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC

JHU_Ag_98147	KAGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	67	3.21E-06	1	1594.772	0.9	Visceras	2R:-:5655010-5654969;2R:-:5655010-5654969;2R:-:5655010-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_98266	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	93	6.39E-09	1	1466.684	5.23	Larva	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_98455	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	72	1.02E-06	1	1597.785	4.27	Malpighian tubule	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_98545	DAEAIVKQEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	151	5.99E-15	1	3084.627	1.82	Ovary	2R:-:5647589-5647503;2R:-:5647589-5647503;2R:-:5647589-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_98654	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	133	7.74E-13	1	2118.081	4.56	Larva	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_98667	DQTLANELRK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	43	0.000871 31	1	1187.637	-0.47	Midgut	2R:-:5647466-5647437;2R:-:5647466-5647437;2R:-:5647466-5647437	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_99104	LMLLLEVISGETLPKPDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	93	2.10E-09	1	2040.148	3.19	Ovary	2R:-:5654956-5654903;2R:-:5654956-5654903;2R:-:5654956-5654903	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_99425	LSKDNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	163	7.42E-16	1	2118.066	-2.35	Male reproductive organs	2R:-:5650578-5650522;2R:-:5650578-5650522;2R:-:5650578-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC

JHU_Ag_99706	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	72	4.13E-07	1	1770.980	2.87	Male reproductive organs	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_100454	LMLLLEVISGETLPKPDR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	93	1.94E-09	1	2040.145	1.93	Pupa	2R:-:5654956-5654903;2R:-:5654956-5654903;2R:-:5654956-5654903	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_101206	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	92	7.64E-09	1	1466.676	0.07	Head	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_101419	DAEAIVK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	5.53E-05	2	745.407	-2.52	Salivary gland	2R:-:5647589-5647569;2R:-:5647589-5647569;2R:-:5647589-5647569	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_101655	EGLLDPAWEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	3.53E-05	2	1157.584	0.32	Male reproductive organs	2R:-:5659335-5659306;2R:-:5659335-5659306;2R:-:5659335-5659306	exon=> In CDS Exon 1 of transcript AGAP001497-PA;exon=> In CDS Exon 1 of transcript AGAP001497-PB;exon=> In CDS Exon 1 of transcript AGAP001497-PC
JHU_Ag_101666	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	111	1.28E-10	1	1597.772	-3.52	Midgut	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_102035	DQTLANELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	52	0.000121984	2	1059.543	0.4	Pupa	2R:-:5647466-5647440;2R:-:5647466-5647440;2R:-:5647466-5647440	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_102040	RQGLDEAER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	41	0.001041333	1	1073.535	1.5	Salivary gland	2R:-:5647829-5647803;2R:-:5647829-5647803;2R:-:5647829-5647803	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_102232	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	72	9.72E-07	1	1463.731	-0.46	Pupa	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_102266	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	69	1.80E-06	1	1308.678	-1	Midgut	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_102615	ANAVGPWIER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	46	0.000281889	2	1112.585	-0.23	Midgut	2R:-:5647394-5647365;2R:-:5647394-5647365;2R:-:5647394-5647365	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_103482	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	54	6.83E-05	2	1479.725	-0.48	Male reproductive organs	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_103721	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	70	1.18E-06	2	1415.766	1.04	Salivary gland	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_103821	SSFNHFDKNR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	3.00E-05	1	1251.588	1.3	Male reproductive organs	2R:-:5646979-5646950;2R:-:5646979-5646950;2R:-:5646979-5646950	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_104053	IHQAVQESMIFENR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M9(Oxidation)	73	7.90E-07	1	1717.839	3.9	Larva	2R:-:5647238-5647197;2R:-:5647238-5647197;2R:-:5647238-5647197	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_104139	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	94	4.27E-09	1	1466.680	2.98	Salivary gland	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_104418	AGTSIENIEDDFRNGLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	N14(Deamidated)	103	8.73E-10	1	1879.906	1.2	Male reproductive organs	2R:-:5655007-5654957;2R:-:5655007-5654957;2R:-:5655007-5654957	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC

JHU_Ag_104454	EGLLDPAWEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	45	0.000299939	1	1157.588	3.97	Larva	2R:-:5659335-5659306;2R:-:5659335-5659306;2R:-:5659335-5659306	exon=> In CDS Exon 1 of transcript AGAP001497-PA;exon=> In CDS Exon 1 of transcript AGAP001497-PB;exon=> In CDS Exon 1 of transcript AGAP001497-PC
JHU_Ag_104607	LMEEYER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	49	6.89E-05	1	969.434	-0.6	Head	2R:-:5648638-5648618;2R:-:5648638-5648618;2R:-:5648638-5648618	exon=> In CDS Exon 7 of transcript AGAP001497-PA;exon=> In CDS Exon 6 of transcript AGAP001497-PB;exon=> In CDS Exon 6 of transcript AGAP001497-PC
JHU_Ag_104735	QEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	137	1.87E-13	1	2358.240	4.33	Ovary	2R:-:5647568-5647503;2R:-:5647568-5647503;2R:-:5647568-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_104804	LVSIGAEEIVDGNLK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	80	7.25E-08	2	1556.865	7.43	Larva	2R:-:5650924-5650880;2R:-:5650924-5650880;2R:-:5650924-5650880	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_104867	ILASDRPYILPDELR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	103	3.82E-10	1	1770.976	0.6	Head	2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614;2R:-:5646733-5647045,5646482-5646614	exon=> In CDS Exon 11 and 10 of transcript AGAP001497-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001497-PC
JHU_Ag_105032	LETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	81	1.19E-07	1	1308.682	1.8	Male reproductive organs	2R:-:5648384-5648352;2R:-:5648384-5648352;2R:-:5648384-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_105634	ANAVGPWIER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	47	0.000201873	1	1112.585	0.31	Male reproductive organs	2R:-:5647394-5647365;2R:-:5647394-5647365;2R:-:5647394-5647365	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_105700	ESTDTDTAEQVIDSFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	125	3.66E-12	1	1813.819	5.88	Malpighian tubule	2R:-:5646781-5646734;2R:-:5646781-5646734;2R:-:5646781-5646734	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC

JHU_Ag_105750	AKLETNFNTLQTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	115	3.26E-11	1	1507.815	2.45	Visceras	2R:-:5648390-5648352;2R:-:5648390-5648352;2R:-:5648390-5648352	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_106069	QMDAVTAIGMGISGSLEEQLHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation), M10(Oxidation)	38	0.00241211	3	2375.133	-0.13	Larva	2R:-:5647364-5647299;2R:-:5647364-5647299;2R:-:5647364-5647299	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_106278	LKEYEQAVYAYKPSIEELEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	113	5.63E-11	1	2430.254	4.03	Salivary gland	2R:-:5647298-5647239;2R:-:5647298-5647239;2R:-:5647298-5647239	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_106765	DAEAIVK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	42	0.002143933	1	745.410	1.67	Visceras	2R:-:5647589-5647569;2R:-:5647589-5647569;2R:-:5647589-5647569	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_106827	LSNRPAYMPTEGK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M8(Oxidation)	45	0.000525828	1	1479.729	1.74	Salivary gland	2R:-:5648345-5648307;2R:-:5648345-5648307;2R:-:5648345-5648307	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_106839	FAIQDISVEEMTAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	85	5.44E-08	1	1597.780	1.37	Ovary	2R:-:5650843-5650802;2R:-:5650843-5650802;2R:-:5650843-5650802	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_107057	AFEEWLLAETMR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M11(Oxidation)	103	7.31E-10	2	1495.726	0.79	Head	2R:-:5648255-5648220;2R:-:5648255-5648220;2R:-:5648255-5648220	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_107124	IDLLHLEFAKR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	76	1.73E-07	1	1354.786	1.09	Ovary	2R:-:5647790-5647758;2R:-:5647790-5647758;2R:-:5647790-5647758	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_107549	SSFNHFDKNR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	67	3.13E-06	1	1251.589	2.18	Malpighian tubule	2R:-:5646979-5646950;2R:-:5646979-5646950;2R:-:5646979-5646950	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC

JHU_Ag_108037	TFTAWCNSHLR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	44	0.000533668	1	1392.653	3.84	Malpighian tubule	2R:-:5655043-5655011;2R:-:5655043-5655011;2R:-:5655043-5655011	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_108725	QEQVPGGLVNPYTTLSADLISR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	118	1.64E-11	2	2358.232	0.71	Pupa	2R:-:5647568-5647503;2R:-:5647568-5647503;2R:-:5647568-5647503	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_108811	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	114	2.16E-11	1	1945.075	-0.15	Ovary	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_109309	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	79	2.37E-07	1	1321.675	0.01	Male reproductive organs	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_109682	MTLGMIWTIILR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation), M5(Oxidation)	59	1.00E-05	2	1479.812	3.65	Visceras	2R:-:5650879-5650844;2R:-:5650879-5650844;2R:-:5650879-5650844	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_109683	GKEEMLQSQDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M5(Oxidation)	68	1.94E-06	2	1483.684	-0.68	Midgut	2R:-:5648150-5648115;2R:-:5648150-5648115;2R:-:5648150-5648115	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_109838	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	72	4.50E-07	1	1198.686	2.19	Visceras	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_109856	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	94	4.16E-09	1	1415.771	4.92	Visceras	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_109945	IHQAVQESMIFENR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M9(Oxidation)	85	4.84E-08	2	1701.845	4.25	Visceras	2R:-:5647238-5647197;2R:-:5647238-5647197;2R:-:5647238-5647197	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_110182	DGLAFCALIHR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C6(Carbamidomethyl)	49	0.000227257	2	1272.654	2.08	Ovary	2R:-:5650641-5650609;2R:-:5650641-5650609;2R:-:5650641-5650609	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_110211	SCLVSLGYSIGKDK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	49	0.000197386	1	1526.789	0.14	Male reproductive organs	2R:-:5646919-5646878;2R:-:5646919-5646878;2R:-:5646919-5646878	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_110261	NVNVQNFHLSFK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	83	7.11E-08	1	1446.749	-0.03	Visceras	2R:-:5650756-5650721;2R:-:5650756-5650721;2R:-:5650756-5650721	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_110690	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	58	2.94E-05	2	1321.677	1.68	Pupa	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_110902	SCLVSLGYSIGKDK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C2(Carbamidomethyl)	57	3.11E-05	2	1526.789	0.49	Salivary gland	2R:-:5646919-5646878;2R:-:5646919-5646878;2R:-:5646919-5646878	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_111465	QGLDEAER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	41	0.000654329	2	917.434	1.41	Male reproductive organs	2R:-:5647826-5647803;2R:-:5647826-5647803;2R:-:5647826-5647803	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_111582	AGTSIENIEDDFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	109	1.57E-10	1	1466.680	2.56	Pupa	2R:-:5655007-5654969;2R:-:5655007-5654969;2R:-:5655007-5654969	exon=> In CDS Exon 2 of transcript AGAP001497-PA;exon=> In CDS Exon 2 of transcript AGAP001497-PB;exon=> In CDS Exon 2 of transcript AGAP001497-PC
JHU_Ag_112142	VGWEQLLTSINR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	86	3.60E-08	2	1415.765	0.69	Male reproductive organs	2R:-:5647166-5647131;2R:-:5647166-5647131;2R:-:5647166-5647131	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_112627	ILEKIDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	94	8.57E-10	1	1681.986	-1.49	Male reproductive organs	2R:-:5647802-5647761;2R:-:5647802-5647761;2R:-:5647802-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_113154	HRPDLIDYSK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	55	4.91E-05	1	1243.640	-2.15	Head	2R:-:5650608-5650579;2R:-:5650608-5650579;2R:-:5650608-5650579	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_113279	LGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	57	4.24E-05	2	758.450	-2.41	Head	2R:-:5647853-5647833;2R:-:5647853-5647833;2R:-:5647853-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_114023	LASDLLEWIRR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	58	1.61E-05	1	1371.775	0.41	Ovary	2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508;2R:-:5648617-5648698,5647999-5648508	exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP001497-PC
JHU_Ag_114484	HKADTHEDWTK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	50	9.85E-05	1	1367.634	-0.24	Pupa	2R:-:5648183-5648151;2R:-:5648183-5648151;2R:-:5648183-5648151	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_114748	LMEEYER	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M2(Oxidation)	47	0.000128575	2	969.433	-1.36	Pupa	2R:-:5648638-5648618;2R:-:5648638-5648618;2R:-:5648638-5648618	exon=> In CDS Exon 7 of transcript AGAP001497-PA;exon=> In CDS Exon 6 of transcript AGAP001497-PB;exon=> In CDS Exon 6 of transcript AGAP001497-PC
JHU_Ag_115249	VEQIAAIAQELNTLEYHDCASVNAR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	C19(Carbamidomethyl)	135	4.17E-13	1	2815.371	0.94	Male reproductive organs	2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884;2R:-:5648033-5648528,5647119-5647884	exon=> In CDS Exon 9 and 8 of transcript AGAP001497-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP001497-PC
JHU_Ag_115551	GITQEQLTEFR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	69	2.22E-06	1	1321.676	0.75	Ovary	2R:-:5647012-5646980;2R:-:5647012-5646980;2R:-:5647012-5646980	exon=> In CDS Exon 10 of transcript AGAP001497-PA;exon=> In CDS Exon 9 of transcript AGAP001497-PB;exon=> In CDS Exon 9 of transcript AGAP001497-PC
JHU_Ag_115800	IDLLHLEFAK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	81	5.48E-08	1	1198.682	-0.76	Male reproductive organs	2R:-:5647790-5647761;2R:-:5647790-5647761;2R:-:5647790-5647761	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC

JHU_Ag_115989	MTLGMIWTIILR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation), M5(Oxidation)	34	0.002979598	2	1479.810	2.33	Pupa	2R:-:5650879-5650844;2R:-:5650879-5650844;2R:-:5650879-5650844	exon=> In CDS Exon 3 of transcript AGAP001497-PA;exon=> In CDS Exon 3 of transcript AGAP001497-PB;exon=> In CDS Exon 3 of transcript AGAP001497-PC
JHU_Ag_116488	DNPLENLNTAFDVAEK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	95	4.94E-09	2	1789.858	-1.55	Midgut	2R:-:5650569-5650522;2R:-:5650569-5650522;2R:-:5650569-5650522	exon=> In CDS Exon 4 of transcript AGAP001497-PA;exon=> In CDS Exon 4 of transcript AGAP001497-PB;exon=> In CDS Exon 4 of transcript AGAP001497-PC
JHU_Ag_116515	ATLGEADKEFNVIIGLVR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	158	8.10E-16	1	1945.081	2.99	Head	2R:-:5647643-5647590;2R:-:5647643-5647590;2R:-:5647643-5647590	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_117029	LGALTQR	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	-	53	0.000116452	2	758.452	-0.56	Midgut	2R:-:5647853-5647833;2R:-:5647853-5647833;2R:-:5647853-5647833	exon=> In CDS Exon 9 of transcript AGAP001497-PA;exon=> In CDS Exon 8 of transcript AGAP001497-PB;exon=> In CDS Exon 8 of transcript AGAP001497-PC
JHU_Ag_117554	MVSDITNSWK	AGAP001497-PA,AGAP001497-PB,AGAP001497-PC	M1(Oxidation)	54	4.75E-05	2	1196.561	-0.48	Midgut	2R:-:5648306-5648277;2R:-:5648306-5648277;2R:-:5648306-5648277	exon=> In CDS Exon 8 of transcript AGAP001497-PA;exon=> In CDS Exon 7 of transcript AGAP001497-PB;exon=> In CDS Exon 7 of transcript AGAP001497-PC
JHU_Ag_5877	AIMTYVSCYYHAFQGAQQAETAANR	AGAP001497-PB	C8(Carbamidomethyl)	40	0.001060212	1	2851.293	-0.08	Pupa	2R:-:5650245-5650277,5648606-5648678	exon=> In CDS Exon 6 and 5 of transcript AGAP001497-PB
JHU_Ag_12720	AIMTYVSCYYHAFQGAQQAETAANR	AGAP001497-PB	M3(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	144	4.21E-14	1	2851.295	0.95	Ovary	2R:-:5650245-5650277,5648606-5648678	exon=> In CDS Exon 6 and 5 of transcript AGAP001497-PB
JHU_Ag_49789	AIMTYVSCYYHAFQGAQQAETAANR	AGAP001497-PB	M3(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	163	6.27E-16	1	2851.301	3.07	Visceras	2R:-:5650245-5650277,5648606-5648678	exon=> In CDS Exon 6 and 5 of transcript AGAP001497-PB
JHU_Ag_85391	AIMTYVSCYYHAFQGAQQAETAANR	AGAP001497-PB	M3(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	174	4.54E-17	1	2867.289	0.46	Head	2R:-:5650245-5650277,5648606-5648678	exon=> In CDS Exon 6 and 5 of transcript AGAP001497-PB
JHU_Ag_85471	AIMTYVSCYYHAFQGAQQAETAANR	AGAP001497-PB	M3(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	134	3.94E-13	1	2851.291	-0.47	Male reproductive organs	2R:-:5650245-5650277,5648606-5648678	exon=> In CDS Exon 6 and 5 of transcript AGAP001497-PB
JHU_Ag_25205	MLDPDDLQNTAMPDER	AGAP001497-PC	M1(Oxidation), M12(Oxidation)	84	1.98E-08	1	1892.798	-1.33	Salivary gland	2R:-:5650503-5650641,5649086-5649140	exon=> In CDS Exon 5 and 4 of transcript AGAP001497-PC
JHU_Ag_26369	AVMTYVSSYYHCFSGAQK	AGAP001497-PC	C12(Carbamidomethyl)	40	0.000956055	1	2098.935	-0.71	Head	2R:-:5649139-5649086	exon=> In CDS Exon 5 of transcript AGAP001497-PC
JHU_Ag_35620	AVMTYVSSYYHCFSGAQK	AGAP001497-PC	M3(Oxidation), C12(Carbamidomethyl)	63	4.65E-06	1	2114.941	4.56	Salivary gland	2R:-:5649139-5649086	exon=> In CDS Exon 5 of transcript AGAP001497-PC
JHU_Ag_72065	VQLQPQSYHGVPSFNSR	AGAP001499-PB	-	48	0.000256103	1	1943.978	2.72	Head	2R:+:5683208-5683258	exon=> In CDS Exon 7 of transcript AGAP001499-PB
JHU_Ag_22499	ASSDSSYQVVK	AGAP001501-PC	N-Term(Acetyl)	60	1.08E-05	2	1212.576	1.07	Pupa	2R:+:5689695-5689727	exon=> In CDS Exon 1 of transcript AGAP001501-PC

JHU_Ag_103369	ASSDSSYQVVKLPSPR	AGAP001501-PC	N-Term(Acetyl)	54	5.19E-05	1	1762.906	4.96	Malpighian tubule	2R:+:5689695-5689742	exon=> In CDS Exon 1 of transcript AGAP001501-PC
JHU_Ag_106874	ASSDSSYQVVK	AGAP001501-PC	N-Term(Acetyl)	64	4.24E-06	2	1212.574	-0.13	Midgut	2R:+:5689695-5689727	exon=> In CDS Exon 1 of transcript AGAP001501-PC
JHU_Ag_6976	MYYIDSAALDVK	AGAP001501-PC,AGAP001501-PA	M1(Oxidation)	66	4.48E-06	1	1404.670	-1.42	Ovary	2R:+:5690296-5690331;2R:+:5690296-5690331	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_8137	VLADLGPSQSHVR	AGAP001501-PC,AGAP001501-PA	-	94	3.89E-09	1	1378.743	-0.87	Midgut	2R:+:5690065-5690103;2R:+:5690065-5690103	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_13692	LVLEIK	AGAP001501-PC,AGAP001501-PA	-	36	0.000444067	2	714.476	0.03	Ovary	2R:+:5690591-5690608;2R:+:5690591-5690608	exon=> In CDS Exon 3 of transcript AGAP001501-PC;exon=> In CDS Exon 4 of transcript AGAP001501-PA
JHU_Ag_23810	VLADLGPSQSHVR	AGAP001501-PC,AGAP001501-PA	-	97	1.87E-09	1	1378.747	2.32	Malpighian tubule	2R:+:5690065-5690103;2R:+:5690065-5690103	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_24825	VLADLGPSQSHVR	AGAP001501-PC,AGAP001501-PA	-	68	1.47E-06	1	1378.749	3.56	Larva	2R:+:5690065-5690103;2R:+:5690065-5690103	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_34367	IPAEQVTSVAFGGPQMDELFVTTSSNGDKPAPAGELFK	AGAP001501-PC,AGAP001501-PA	M16(Oxidation), N26(Deamidated)	84	4.12E-08	1	3952.941	6.22	Larva	2R:+:5690609-5690722;2R:+:5690609-5690722	exon=> In CDS Exon 3 of transcript AGAP001501-PC;exon=> In CDS Exon 4 of transcript AGAP001501-PA
JHU_Ag_44256	IPAEQVTSVAFGGPQMDELFVTTSSNGDKPAPAGELFK	AGAP001501-PC,AGAP001501-PA	M16(Oxidation), N26(Deamidated),"Q15(Deamidated), M16(Oxidation)"	83	5.07E-08	1	3952.922	1.4	Midgut	2R:+:5690609-5690722;2R:+:5690609-5690722	exon=> In CDS Exon 3 of transcript AGAP001501-PC;exon=> In CDS Exon 4 of transcript AGAP001501-PA
JHU_Ag_48710	MYYIDSAALDVK	AGAP001501-PC,AGAP001501-PA	M1(Oxidation)	80	1.48E-07	2	1388.677	0	Midgut	2R:+:5690296-5690331;2R:+:5690296-5690331	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_56976	LYAGTMQLESLGDLFAQK	AGAP001501-PC,AGAP001501-PA	M6(Oxidation)	81	1.30E-07	1	2001.008	3.94	Pupa	2R:+:5690137-5690190;2R:+:5690137-5690190	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_71067	VLADLGPSQSHVR	AGAP001501-PC,AGAP001501-PA	-	93	4.51E-09	1	1378.744	0.28	Pupa	2R:+:5690065-5690103;2R:+:5690065-5690103	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_75984	LYAGTMQLESLGDLFAQK	AGAP001501-PC,AGAP001501-PA	M6(Oxidation)	128	2.26E-12	1	2001.011	5.77	Larva	2R:+:5690137-5690190;2R:+:5690137-5690190	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_83145	LYAGTMQLESLGDLFAQK	AGAP001501-PC,AGAP001501-PA	M6(Oxidation)	79	2.04E-07	1	2001.000	0.25	Midgut	2R:+:5690137-5690190;2R:+:5690137-5690190	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_86717	MASSDSSYQVVK	AGAP001501-PC,AGAP001501-PA	M1(Oxidation)	71	5.69E-07	1	1317.597	-1.75	Pupa	2R:+:5689692-5689727;2R:+:5689692-5689727	exon=> In CDS Exon 1 of transcript AGAP001501-PC;exon=> In CDS Exon 2 of transcript AGAP001501-PA
JHU_Ag_95003	LYAGTMQLESLGDLFAQK	AGAP001501-PC,AGAP001501-PA	M6(Oxidation)	104	6.34E-10	1	2001.001	0.34	Ovary	2R:+:5690137-5690190;2R:+:5690137-5690190	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_98634	VLADLGPSQSHVR	AGAP001501-PC,AGAP001501-PA	-	90	1.03E-08	1	1378.744	0.37	Ovary	2R:+:5690065-5690103;2R:+:5690065-5690103	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA
JHU_Ag_113695	LVLEIK	AGAP001501-PC,AGAP001501-PA	-	31	0.001322662	2	714.476	-0.4	Midgut	2R:+:5690591-5690608;2R:+:5690591-5690608	exon=> In CDS Exon 3 of transcript AGAP001501-PC;exon=> In CDS Exon 4 of transcript AGAP001501-PA
JHU_Ag_113943	NVSISNGLTWDEPFNPLR	AGAP001501-PC,AGAP001501-PA	-	84	6.35E-08	2	2059.027	1.09	Midgut	2R:+:5690242-5690295;2R:+:5690242-5690295	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 3 of transcript AGAP001501-PA

JHU_Ag_116967	LVLEIK	AGAP001501-PC,AGAP001501-PA	-	37	0.000322 44	2	714.475	-0.83	Pupa	2R:+:5690591-5690608;2R:+:5690591-5690608	exon=> In CDS Exon 3 of transcript AGAP001501-PC;exon=> In CDS Exon 4 of transcript AGAP001501-PA
JHU_Ag_95523	FNDGK	AGAP001501-PC,AGAP009933-PA,AGAP001501-PA,AGAP007793-PA,AGAP007794-PA	-	38	0.001122 507	1	580.272	-0.73	Midgut	2R:+:5690104-5690118;3R:+:45587535-45587549;2R:+:5690104-5690118;3R:-:1056386-1056372;3R:+:1057900-1057914	exon=> In CDS Exon 2 of transcript AGAP001501-PC;exon=> In CDS Exon 5 of transcript AGAP009933-PA;exon=> In CDS Exon 3 of transcript AGAP001501-PA;exon=> In CDS Exon 2 of transcript AGAP007793-PA;exon=> In CDS Exon 2 of transcript AGAP007794-PA
JHU_Ag_2291	RLLPLLDR	AGAP001502-PA	-	38	6.75E-05	1	995.640	4.37	Malpighian tubule	2R:-:5691735-5691712	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_3475	RLLPLLDR	AGAP001502-PA	-	35	0.000330 668	1	995.638	1.42	Ovary	2R:-:5691735-5691712	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_3665	VLEGTVVAVGPGAR	AGAP001502-PA	-	94	2.10E-09	2	1324.758	-0.14	Head	2R:-:5691636-5691595	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_7723	GGIVIPEK	AGAP001502-PA	-	38	0.000722 26	2	812.487	-0.56	Head	2R:-:5691672-5691649	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_11479	VDLGDSKEYHLFR	AGAP001502-PA	-	54	7.25E-05	1	1578.792	0.25	Malpighian tubule	2R:-:5691513-5691475	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_15579	HAQTGEHVPLSVK	AGAP001502-PA	-	66	3.97E-06	1	1402.745	0.9	Malpighian tubule	2R:-:5691594-5691556	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_20393	HAQTGEHVPLSVK	AGAP001502-PA	-	39	0.002024 239	1	1402.742	-1.12	Midgut	2R:-:5691594-5691556	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_28527	RLLPLLDR	AGAP001502-PA	-	44	3.99E-05	1	995.638	1.42	Visceras	2R:-:5691735-5691712	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_29749	VLEGTVVAVGPGAR	AGAP001502-PA	-	102	3.19E-10	1	1324.758	-0.42	Ovary	2R:-:5691636-5691595	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_39279	HAQTGEHVPLSVK	AGAP001502-PA	Q3(Deamidated)	91	1.51E-08	1	1403.721	-4.59	Head	2R:-:5691594-5691556	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_42429	VDLGDSKEYHLFR	AGAP001502-PA	-	43	0.000816 369	1	1578.792	0.71	Visceras	2R:-:5691513-5691475	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_44054	GGIVIPEK	AGAP001502-PA	-	43	0.000103 555	1	812.486	-2.13	Ovary	2R:-:5691672-5691649	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_44126	VLEGTVVAVGPGAR	AGAP001502-PA	-	61	4.00E-06	1	1324.759	0.51	Salivary gland	2R:-:5691636-5691595	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_54074	VLEGTVVAVGPGAR	AGAP001502-PA	-	112	2.37E-11	2	1324.762	2.44	Visceras	2R:-:5691636-5691595	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_73675	VLEGTVVAVGPGAR	AGAP001502-PA	-	87	7.75E-09	1	1324.761	2.26	Malpighian tubule	2R:-:5691636-5691595	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_74015	LLPLLDR	AGAP001502-PA	-	43	7.37E-05	1	839.535	0.58	Ovary	2R:-:5691732-5691712	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_76821	VLIQRAEALTK	AGAP001502-PA	-	39	0.000181 288	1	1241.759	0.95	Malpighian tubule	2R:-:5691711-5691679	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_80185	HAQTGEHVPLSVKVGEK	AGAP001502-PA	-	74	4.23E-07	1	1815.975	2.06	Malpighian tubule	2R:-:5691594-5691544	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_83360	VLEGTVVAVGPGAR	AGAP001502-PA	-	74	2.19E-07	2	1324.755	-2.81	Midgut	2R:-:5691636-5691595	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_100888	HAQTGEHVPLSVK	AGAP001502-PA	-	85	4.41E-08	1	1402.753	6.81	Ovary	2R:-:5691594-5691556	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_101298	LLPLLDR	AGAP001502-PA	-	31	0.001262 792	2	839.534	-0.95	Head	2R:-:5691732-5691712	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_106875	LLPLLDR	AGAP001502-PA	-	43	7.10E-05	1	839.537	2.91	Malpighian tubule	2R:-:5691732-5691712	exon=> In CDS Exon 2 of transcript AGAP001502-PA

JHU_Ag_110618	LLPLLDRVLIQR	AGAP001502-PA	-	33	7.80E-05	1	1448.936	3.44	Malpighian tubule	2R:-:5691732-5691697	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_110633	RLLPLLDR	AGAP001502-PA	-	54	4.51E-06	1	995.636	0.38	Head	2R:-:5691735-5691712	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_111059	VLLPEYGGTK	AGAP001502-PA	-	54	4.45E-05	1	1076.600	1.13	Ovary	2R:-:5691543-5691514	exon=> In CDS Exon 2 of transcript AGAP001502-PA
JHU_Ag_114466	ELTINVAPGNVDCFFESAK	AGAP001505-PA	C13(Carbamidomethyl)	57	2.85E-05	1	2111.010	-0.56	Midgut	2R:+:5696175-5696231	exon=> In CDS Exon 2 of transcript AGAP001505-PA
JHU_Ag_4093	DDPEVAALKK	AGAP001506-PA	-	68	1.52E-06	1	1085.587	2.93	Head	2R:-:5699995-5699966	exon=> In CDS Exon 1 of transcript AGAP001506-PA
JHU_Ag_6036	ICVWDLQVGK	AGAP001506-PA	C2(Carbamidomethyl)	75	5.30E-07	1	1217.638	2.75	Head	2R:-:5699239-5699683,5698965-5699139	exon=> In CDS Exon 3 and 2 of transcript AGAP001506-PA
JHU_Ag_7398	TSEFDAHAGDVVSISMSPDK	AGAP001506-PA	M16(Oxidation)	153	5.53E-15	1	2108.947	1.25	Head	2R:-:5699135-5699076	exon=> In CDS Exon 3 of transcript AGAP001506-PA
JHU_Ag_9228	CADLGDVPK	AGAP001506-PA	C1(Carbamidomethyl)	45	0.000278206	1	974.460	-0.8	Head	2R:-:5699641-5699615	exon=> In CDS Exon 2 of transcript AGAP001506-PA
JHU_Ag_12245	FQEEQKK	AGAP001506-PA	-	45	0.000585 53	1	936.480	1.57	Head	2R:-:5699941-5700007,5699238-5699669	exon=> In CDS Exon 2 and 1 of transcript AGAP001506-PA
JHU_Ag_17242	EITDMIAK	AGAP001506-PA	M5(Oxidation)	37	0.002901731	2	936.470	-0.94	Head	2R:-:5699965-5699942	exon=> In CDS Exon 1 of transcript AGAP001506-PA
JHU_Ag_20423	QTFFGHEADVNSVCYHPSGFGFATGSEDK	AGAP001506-PA	Q1(Deamidated), C14(Carbamidomethyl),C14(Carbamidomethyl),"N11(Deamidated), C14(Carbamidomethyl)"	165	1.48E-16	1	3191.377	-1.06	Head	2R:-:5699006-5699166,5698741-5698826	exon=> In CDS Exon 4 and 3 of transcript AGAP001506-PA
JHU_Ag_21000	ICVWDLQVGKK	AGAP001506-PA	C2(Carbamidomethyl)	39	0.001921855	3	1345.729	-0.79	Head	2R:-:5699239-5699683,5698965-5699136	exon=> In CDS Exon 3 and 2 of transcript AGAP001506-PA
JHU_Ag_34511	ITSICMAPNGMALASCSWDQHVR	AGAP001506-PA	C5(Carbamidomethyl), M11(Oxidation), C16(Carbamidomethyl),"C5(Carbamidomethyl), M6(Oxidation), M11(Oxidation), C16(Carbamidomethyl)"	84	4.36E-08	1	2621.185	4.68	Head	2R:-:5698476-5698408	exon=> In CDS Exon 6 of transcript AGAP001506-PA
JHU_Ag_36528	HCVTGSLDGK	AGAP001506-PA	C2(Carbamidomethyl)	59	1.05E-05	2	1073.499	-5.48	Head	2R:-:5699536-5699507	exon=> In CDS Exon 2 of transcript AGAP001506-PA
JHU_Ag_43057	VNSVHFAGDSR	AGAP001506-PA	-	69	1.56E-06	1	1188.571	-3.54	Head	2R:-:5699569-5699537	exon=> In CDS Exon 2 of transcript AGAP001506-PA
JHU_Ag_47934	NTYVTGSVDR	AGAP001506-PA	-	49	0.000156522	2	1111.537	-0.52	Head	2R:-:5699075-5699046	exon=> In CDS Exon 3 of transcript AGAP001506-PA
JHU_Ag_49245	LIIWDTWTGNK	AGAP001506-PA	-	65	4.70E-06	2	1346.711	0.82	Head	2R:-:5699506-5699474	exon=> In CDS Exon 2 of transcript AGAP001506-PA
JHU_Ag_63420	ELMGYEGFLSSCR	AGAP001506-PA	C12(Carbamidomethyl),"M3(Oxidation), C12(Carbamidomethyl)"	96	1.67E-09	1	1564.679	1.05	Head	2R:-:5699323-5699285	exon=> In CDS Exon 2 of transcript AGAP001506-PA
JHU_Ag_65448	YILCGSDDNNIHIWDTMK	AGAP001506-PA	C4(Carbamidomethyl), M17(Oxidation)	87	2.05E-08	1	2210.988	1.69	Head	2R:-:5698656-5698603	exon=> In CDS Exon 5 of transcript AGAP001506-PA
JHU_Ag_71118	GSHNGTLSGHENR	AGAP001506-PA	N4(Deamidated)	92	6.85E-09	1	1365.618	-5.31	Head	2R:-:5698602-5698676,5698396-5698477	exon=> In CDS Exon 6 and 5 of transcript AGAP001506-PA

JHU_Ag_76993	SDQQIGHYEPPNQSSGFTSCALSLSGR	AGAP001506-PA	C20(Carbamidomethyl)	45	0.000399941	1	2923.344	5.46	Visceras	2R:-:5698801-5698870,5698590-5698657	exon=> In CDS Exon 5 and 4 of transcript AGAP001506-PA
JHU_Ag_84343	SDQQIGHYEPPNQSSGFTSCALSLSGR	AGAP001506-PA	Q13(Deamidated), C20(Carbamidomethyl),C20(Carbamidomethyl),"N12(Deamidated), C20(Carbamidomethyl)","Q3(Deamidated), C20(Carbamidomethyl)","Q4(Deamidated), C20(Carbamidomethyl)"	167	2.18E-16	1	2923.331	1.14	Head	2R:-:5698801-5698870,5698590-5698657	exon=> In CDS Exon 5 and 4 of transcript AGAP001506-PA
JHU_Ag_101687	VQVIPLR	AGAP001506-PA	-	45	3.39E-05	1	824.535	-0.53	Head	2R:-:5699473-5699453	exon=> In CDS Exon 2 of transcript AGAP001506-PA
JHU_Ag_106935	DDPEVAALK	AGAP001506-PA	-	57	1.58E-05	2	957.490	1.22	Head	2R:-:5699995-5699969	exon=> In CDS Exon 1 of transcript AGAP001506-PA
JHU_Ag_110961	FLDDTHILTGSGDMK	AGAP001506-PA	M14(Oxidation)	112	8.59E-11	1	1649.786	1.38	Head	2R:-:5699284-5699240	exon=> In CDS Exon 2 of transcript AGAP001506-PA
JHU_Ag_31861	NVIAPVLTRPEK	AGAP001507-PA	-	63	1.14E-06	1	1336.794	-0.41	Midgut	2R:-:5702601-5702566	exon=> In CDS Exon 2 of transcript AGAP001507-PA
JHU_Ag_46508	VIEHDGDFTETAAR	AGAP001507-PA	-	56	3.12E-05	2	1560.731	1.55	Midgut	2R:-:5702757-5702716	exon=> In CDS Exon 2 of transcript AGAP001507-PA
JHU_Ag_74496	SLMNFVVR	AGAP001507-PA	-	44	0.000379074	2	965.528	3.96	Malpighian tubule	2R:-:5701835-5701812	exon=> In CDS Exon 3 of transcript AGAP001507-PA
JHU_Ag_86165	NVIAPVLTRPEK	AGAP001507-PA	-	33	0.001071605	2	1336.799	2.88	Ovary	2R:-:5702601-5702566	exon=> In CDS Exon 2 of transcript AGAP001507-PA
JHU_Ag_86539	LTHFHEGLLTTK	AGAP001507-PA	-	50	0.000109603	2	1396.756	-2.03	Ovary	2R:-:5701634-5701599	exon=> In CDS Exon 3 of transcript AGAP001507-PA
JHU_Ag_115685	LQGGYEAVPTR	AGAP001507-PA	-	42	0.00107338	2	1190.621	3.62	Malpighian tubule	2R:-:5702052-5702020	exon=> In CDS Exon 2 of transcript AGAP001507-PA
JHU_Ag_4913	EHGIEQFINLFAR	AGAP001512-PA	-	77	2.92E-07	2	1573.819	4.32	Malpighian tubule	2R:+:5730323-5730361	exon=> In CDS Exon 1 of transcript AGAP001512-PA
JHU_Ag_5467	FKPPPPNSPIGWR	AGAP001512-PA	-	29	0.01291207	1	1492.805	-0.36	Midgut	2R:+:5731908-5731946	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_11312	LREGDIDHLLAQHIAHLFIR	AGAP001512-PA	-	91	3.38E-09	1	2367.305	0	Midgut	2R:+:5731749-5731808	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_17798	ALAQHVREHGIEQFINLFAR	AGAP001512-PA	-	45	0.000190719	1	2349.270	5.47	Malpighian tubule	2R:+:5730302-5730361	exon=> In CDS Exon 1 of transcript AGAP001512-PA
JHU_Ag_21328	SNFFPDEAIFPGHPR	AGAP001512-PA	-	84	5.34E-08	1	1730.839	5.74	Malpighian tubule	2R:+:5731139-5731183	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_22325	HDSVISEGNCYDLLRK	AGAP001512-PA	C10(Carbamidomethyl)	42	0.000986117	1	1905.927	7.77	Ovary	2R:+:5732551-5732598	exon=> In CDS Exon 4 of transcript AGAP001512-PA
JHU_Ag_24678	YNDVPLVLDETLYK	AGAP001512-PA	-	69	1.55E-06	2	1681.870	1.06	Midgut	2R:+:5731704-5731745	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_25173	SNFFPDEAIFPGHPR	AGAP001512-PA	-	84	5.36E-08	1	1730.826	-1.31	Midgut	2R:+:5731139-5731183	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_29987	EGDIDHLLAQHIAHLFIR	AGAP001512-PA	-	81	5.44E-08	1	2098.132	6.18	Ovary	2R:+:5731755-5731808	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_34645	WNVISASVDCR	AGAP001512-PA	C10(Carbamidomethyl)	51	0.000119798	2	1306.622	0.55	Ovary	2R:+:5731493-5731525	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_34958	FKTLTR	AGAP001512-PA	-	37	0.000600959	2	765.464	3.35	Malpighian tubule	2R:+:5731184-5731201	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_39771	SRYDSIDSYLSPAGEK	AGAP001512-PA	-	56	4.30E-05	2	1787.850	2.91	Head	2R:+:5731583-5731629,5731703-5731703	exon=> In CDS Exon 2 and 3 of transcript AGAP001512-PA

JHU_Ag_41221	AKDIQDGVLACPELLGNNINSK	AGAP001512-PA	C11(Carbamidomethyl)	72	7.11E-07	1	2369.225	5.15	Malpighian tubule	2R:+:5732599-5732664	exon=> In CDS Exon 4 of transcript AGAP001512-PA
JHU_Ag_43216	ALAQHVR	AGAP001512-PA	-	45	0.000110416	2	794.460	-4.61	Head	2R:+:5730302-5730322	exon=> In CDS Exon 1 of transcript AGAP001512-PA
JHU_Ag_44334	FKPPPPNSPIGWR	AGAP001512-PA	-	66	2.63E-06	1	1492.811	3.57	Malpighian tubule	2R:+:5731908-5731946	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_44511	ASGELMTTASWIR	AGAP001512-PA	-	75	4.96E-07	1	1422.705	0.08	Midgut	2R:+:5732409-5732447	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_44969	YDSIDSYLSPAGEK	AGAP001512-PA	-	78	1.90E-07	2	1544.705	-3.92	Midgut	2R:+:5731589-5731629,5731703-5731703	exon=> In CDS Exon 2 and 3 of transcript AGAP001512-PA
JHU_Ag_48449	SNFFPDEAIFPGHPR	AGAP001512-PA	-	69	1.60E-06	1	1730.832	2	Visceras	2R:+:5731139-5731183	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_57248	HDSVISEGNCYDLLR	AGAP001512-PA	C10(Carbamidomethyl)	123	6.39E-12	1	1777.820	1.71	Malpighian tubule	2R:+:5732551-5732595	exon=> In CDS Exon 4 of transcript AGAP001512-PA
JHU_Ag_60218	HDSVISEGNCYDLLR	AGAP001512-PA	C10(Carbamidomethyl)	59	1.67E-05	1	1777.815	-1.31	Head	2R:+:5732551-5732595	exon=> In CDS Exon 4 of transcript AGAP001512-PA
JHU_Ag_62547	ASGELMTTASWIR	AGAP001512-PA	M6(Oxidation)	61	1.13E-05	2	1422.711	4.45	Malpighian tubule	2R:+:5732409-5732447	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_62623	FTFPPAVPTPDDEACAAR	AGAP001512-PA	C15(Carbamidomethyl)	47	0.000297397	1	1961.905	-0.87	Malpighian tubule	2R:+:5731085-5731138	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_62957	GFLTDVDCR	AGAP001512-PA	C8(Carbamidomethyl)	40	0.000832035	1	1082.495	1.02	Malpighian tubule	2R:+:5731466-5731492	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_65936	LNEKEAADPQGVK	AGAP001512-PA	-	52	7.25E-05	2	1398.727	3.35	Malpighian tubule	2R:+:5730485-5730515,5730885-5730892	exon=> In CDS Exon 1 and 2 of transcript AGAP001512-PA
JHU_Ag_67605	SNFFPDEAIFPGHPR	AGAP001512-PA	-	91	1.12E-08	1	1730.837	4.68	Head	2R:+:5731139-5731183	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_69015	TTDNIPAAIEK	AGAP001512-PA	-	44	0.000624679	2	1172.616	0.18	Malpighian tubule	2R:+:5732665-5732697	exon=> In CDS Exon 4 of transcript AGAP001512-PA
JHU_Ag_69501	QQVVSHPEYKHDSVISEGNCYDLLR	AGAP001512-PA	C20(Carbamidomethyl)	85	4.97E-08	1	2973.429	4.29	Malpighian tubule	2R:+:5732448-5732476,5732550-5732595	exon=> In CDS Exon 3 and 4 of transcript AGAP001512-PA
JHU_Ag_70441	GLLSEGSPLTWDETK	AGAP001512-PA	-	62	9.74E-06	1	1632.815	2.29	Head	2R:+:5730257-5730301	exon=> In CDS Exon 1 of transcript AGAP001512-PA
JHU_Ag_73787	EHGIEQFINLFAR	AGAP001512-PA	-	86	4.41E-08	1	1573.812	-0.34	Midgut	2R:+:5730323-5730361	exon=> In CDS Exon 1 of transcript AGAP001512-PA
JHU_Ag_77573	DIQDGVLACPELLGNNINSK	AGAP001512-PA	C9(Carbamidomethyl)	98	2.21E-09	1	2170.087	2.99	Head	2R:+:5732605-5732664	exon=> In CDS Exon 4 of transcript AGAP001512-PA
JHU_Ag_84116	EGDIDHLLAQHIAHLFIR	AGAP001512-PA	-	155	1.90E-15	1	2098.130	5.05	Malpighian tubule	2R:+:5731755-5731808	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_88697	YNDVPLVLDETLYK	AGAP001512-PA	-	44	0.000485059	2	1681.874	3.24	Head	2R:+:5731704-5731745	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_102414	SRYDSIDSYLSPAGEK	AGAP001512-PA	-	77	3.04E-07	1	1787.843	-0.77	Malpighian tubule	2R:+:5731583-5731629,5731703-5731703	exon=> In CDS Exon 2 and 3 of transcript AGAP001512-PA
JHU_Ag_102540	VSINLPIYPDR	AGAP001512-PA	-	41	0.001199165	2	1286.713	2	Malpighian tubule	2R:+:5731229-5731261	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_102856	SRYDSIDSYLSPAGEK	AGAP001512-PA	-	73	7.94E-07	1	1787.845	0.25	Midgut	2R:+:5731583-5731629,5731703-5731703	exon=> In CDS Exon 2 and 3 of transcript AGAP001512-PA
JHU_Ag_107425	GLLSEGSPLTWDETK	AGAP001512-PA	-	62	9.50E-06	2	1632.821	5.95	Malpighian tubule	2R:+:5730257-5730301	exon=> In CDS Exon 1 of transcript AGAP001512-PA
JHU_Ag_109557	HDSVISEGNCYDLLRK	AGAP001512-PA	C10(Carbamidomethyl)	49	0.000218333	1	1905.921	4.41	Malpighian tubule	2R:+:5732551-5732598	exon=> In CDS Exon 4 of transcript AGAP001512-PA

JHU_Ag_115382	SNFFPDEAIFPGHPR	AGAP001512-PA	-	34	0.005550 55	2	1730.830	0.87	Ovary	2R:+:5731139-5731183	exon=> In CDS Exon 2 of transcript AGAP001512-PA
JHU_Ag_115826	YNDVPLVLDETLYK	AGAP001512-PA	-	47	0.000246 19	1	1681.873	2.66	Malpighian tubule	2R:+:5731704-5731745	exon=> In CDS Exon 3 of transcript AGAP001512-PA
JHU_Ag_52726	KPGADITDYFNYGFNEETWR	AGAP001514-PA	-	32	0.007149 997	1	2423.089	-1.96	Ovary	2R:-:5743439-5743380	exon=> In CDS Exon 1 of transcript AGAP001514-PA
JHU_Ag_62747	VALFNQTAQSHR	AGAP001515-PB,AGAP001515-PA	-	83	6.46E-08	1	1371.715	1.69	Head	2R:-:5748090-5748055;2R:-:5748090-5748055	exon=> In CDS Exon 2 of transcript AGAP001515-PB;exon=> In CDS Exon 2 of transcript AGAP001515-PA
JHU_Ag_34797	TIENVIDMLDGIIAK	AGAP001518-PA	M8(Oxidation)	51	7.65E-05	1	1660.891	5.24	Ovary	2R:+:5772999-5773043	exon=> In CDS Exon 4 of transcript AGAP001518-PA
JHU_Ag_57432	TTVDEGSSEEHK	AGAP001518-PA	-	57	9.69E-06	2	1318.578	1.63	Midgut	2R:+:5773534-5773569	exon=> In CDS Exon 5 of transcript AGAP001518-PA
JHU_Ag_87812	DEPQPSSASK	AGAP001518-PA	Q4(Deamidated)	29	0.004181 122	1	1046.454	-9.72	Malpighian tubule	2R:+:5774200-5774229	exon=> In CDS Exon 6 of transcript AGAP001518-PA
JHU_Ag_114970	LAASGAPQSNDAFVGASSAFQILPK	AGAP001518-PA	-	44	0.000511 044	3	2447.267	4.16	Visceras	2R:+:5774059-5774133	exon=> In CDS Exon 6 of transcript AGAP001518-PA
JHU_Ag_7886	FALLVNLGK	AGAP001519-PA	-	34	0.000394 814	2	974.606	3.07	Ovary	2R:+:5778649-5778675	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_9145	TLVEDLFADR	AGAP001519-PA	-	45	0.000417 192	2	1178.602	-2.56	Midgut	2R:+:5780617-5780646	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_24381	LYDLEANEIGELIR	AGAP001519-PA	-	58	1.94E-05	2	1647.862	2.17	Midgut	2R:+:5781691-5781732	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_32652	GAADEILAVLK	AGAP001519-PA	-	62	4.50E-06	2	1099.641	4.3	Ovary	2R:+:5778544-5778576	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_33109	ALEVLSVLK	AGAP001519-PA	-	50	1.91E-05	2	971.617	3.73	Ovary	2R:+:5779021-5779047	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_46886	FFVPVFEPLPPQYFLR	AGAP001519-PA	-	66	1.70E-06	1	1996.082	4.2	Ovary	2R:+:5781994-5782041	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_57192	HLSDHLSELVESTLSDLEQSK	AGAP001519-PA	-	108	2.63E-10	1	2367.181	5.88	Ovary	2R:+:5783575-5783637	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_65084	DPLADLVFHEWHQR	AGAP001519-PA	-	65	5.24E-06	1	1762.871	2.88	Ovary	2R:+:5782381-5782422	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_67930	TLVEDLFADR	AGAP001519-PA	-	70	1.40E-06	1	1178.609	3.44	Ovary	2R:+:5780617-5780646	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_75441	LVGLSATLPNYQDVSTFLR	AGAP001519-PA	-	64	2.93E-06	1	2094.131	3.86	Ovary	2R:+:5780176-5780232	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_76332	DYANGGGADGSDTK	AGAP001519-PA	N4(Deamidated)	46	6.24E-05	2	1328.522	-1.12	Head	2R:+:5779288-5779329	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_80666	FSPHKPVIVFVTSR	AGAP001519-PA	-	51	3.27E-05	1	1613.920	2.51	Head	2R:+:5782894-5782935	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_90922	GAADEILAVLK	AGAP001519-PA	-	47	0.000183 96	2	1099.635	-0.36	Male reproductive organs	2R:+:5778544-5778576	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_106027	FFHAEEEDIKPFLDR	AGAP001519-PA	-	111	1.42E-10	1	1892.928	5.32	Ovary	2R:+:5783002-5783046	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_112866	DPLADLVFHEWHQR	AGAP001519-PA	-	37	0.003357 346	1	1762.863	-1.69	Midgut	2R:+:5782381-5782422	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_113460	TNSLLSIKR	AGAP001519-PA	N2(Deamidated)	41	0.000623 847	1	1032.599	-5.95	Ovary	2R:+:5785558-5785584	exon=> In CDS Exon 3 of transcript AGAP001519-PA
JHU_Ag_116961	LYDLEANEIGELIR	AGAP001519-PA	-	67	2.70E-06	2	1647.863	2.39	Ovary	2R:+:5781691-5781732	exon=> In CDS Exon 2 of transcript AGAP001519-PA
JHU_Ag_46369	RIPISDDIHIIIK	AGAP001521-PA	-	39	9.71E-05	1	1532.923	4.34	Ovary	2R:+:5826998-5827036	exon=> In CDS Exon 2 of transcript AGAP001521-PA

JHU_Ag_56231	QIDDLADYFPGELINK	AGAP001523-PA	-	36	0.003961356	1	1850.890	-14.9	Male reproductive organs	2R:-:5838578-5838593,5838404-5838483	exon=> In CDS Exon 2 and 1 of transcript AGAP001523-PA
JHU_Ag_83106	QIDDLADYFPGELINK	AGAP001523-PA	-	37	0.003200883	1	1850.892	-13.84	Pupa	2R:-:5838578-5838593,5838404-5838483	exon=> In CDS Exon 2 and 1 of transcript AGAP001523-PA
JHU_Ag_106014	IQQLIPNATVR	AGAP001523-PA	N7(Deamidated)	33	0.002945697	1	1253.708	-10.73	Salivary gland	2R:-:5836361-5836329	exon=> In CDS Exon 3 of transcript AGAP001523-PA
JHU_Ag_9841	MGKLDVTILR	AGAP001526-PA	-	28	0.003429346	1	1145.687	13.98	Male reproductive organs	2R:-:5847456-5847427	exon=> In CDS Exon 1 of transcript AGAP001526-PA
JHU_Ag_21241	DVLLK	AGAP001527-PA	-	39	0.000844096	1	587.377	1.6	Salivary gland	2R:+:5848507-5848521	exon=> In CDS Exon 2 of transcript AGAP001527-PA
JHU_Ag_42321	FLSYGLIDPTHSTLAATVENIADAVTHAR	AGAP001527-PA	-	52	6.12E-05	1	3083.581	0.54	Malpighian tubule	2R:+:5848672-5848758	exon=> In CDS Exon 2 of transcript AGAP001527-PA
JHU_Ag_51548	IIQVLR	AGAP001527-PA	Q3(Deamidated)	43	0.000273797	2	742.484	2.76	Midgut	2R:+:5848804-5848821	exon=> In CDS Exon 2 of transcript AGAP001527-PA
JHU_Ag_62851	LVEPNVFLSPFLNVIR	AGAP001527-PA	N13(Deamidated)	59	4.27E-06	1	1858.053	2.77	Salivary gland	2R:+:5848570-5848617	exon=> In CDS Exon 2 of transcript AGAP001527-PA
JHU_Ag_74655	ATSPVEVSLLEESR	AGAP001527-PA	-	45	0.000507097	2	1516.787	1.08	Male reproductive organs	2R:+:5853455-5853496	exon=> In CDS Exon 5 of transcript AGAP001527-PA
JHU_Ag_84581	NLFALLATER	AGAP001527-PA	-	53	2.79E-05	2	1147.651	3.39	Salivary gland	2R:+:5849752-5849781	exon=> In CDS Exon 2 of transcript AGAP001527-PA
JHU_Ag_95906	DAIDLVSGGSGGHSPGTPVR	AGAP001527-PA	-	57	3.47E-05	1	1878.933	1.16	Salivary gland	2R:+:5852661-5852720	exon=> In CDS Exon 4 of transcript AGAP001527-PA
JHU_Ag_17904	TIVLDK	AGAP001528-PA	-	38	0.001222751	1	688.423	-1.14	Pupa	2R:-:5856096-5856079	exon=> In CDS Exon 2 of transcript AGAP001528-PA
JHU_Ag_34818	TIVLDK	AGAP001528-PA	-	38	0.001178602	1	688.427	4.09	Midgut	2R:-:5856096-5856079	exon=> In CDS Exon 2 of transcript AGAP001528-PA
JHU_Ag_43061	TIVLDK	AGAP001528-PA	-	39	0.001089851	1	688.427	3.65	Malpighian tubule	2R:-:5856096-5856079	exon=> In CDS Exon 2 of transcript AGAP001528-PA
JHU_Ag_45464	TIVLDK	AGAP001528-PA	-	39	0.000643532	1	688.425	0.99	Ovary	2R:-:5856096-5856079	exon=> In CDS Exon 2 of transcript AGAP001528-PA
JHU_Ag_109752	TIVLDK	AGAP001528-PA	-	39	0.000717084	1	688.425	1.17	Head	2R:-:5856096-5856079	exon=> In CDS Exon 2 of transcript AGAP001528-PA
JHU_Ag_304	GSFGQRDDGPK	AGAP001529-PA	-	63	7.88E-06	1	1163.544	0.38	Malpighian tubule	2R:+:5860572-5860604	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_10343	NIIPLGYYDYPCQEDLVAK	AGAP001529-PA	C12(Carbamidomethyl)	86	4.59E-08	1	2271.103	1.34	Ovary	2R:+:5860605-5860661	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_36294	NIIPLGYYDYPCQEDLVAK	AGAP001529-PA	C12(Carbamidomethyl)	39	0.002206604	1	2271.098	-1.02	Midgut	2R:+:5860605-5860661	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_39962	VDEIFGNLKDFYVSIK	AGAP001529-PA	-	114	4.31E-11	1	1886.993	1.68	Ovary	2R:+:5860731-5860778	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_42041	VEVENVPFFNAPIYMEGEK	AGAP001529-PA	M15(Oxidation)	113	7.83E-11	1	2228.058	-0.2	Ovary	2R:+:5860662-5860718	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_70860	VEVENVPFFNAPIYMEGEK	AGAP001529-PA	M15(Oxidation)	71	1.36E-06	1	2212.061	-1.17	Midgut	2R:+:5860662-5860718	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_84088	VDEIFGNLK	AGAP001529-PA	-	40	0.001205962	2	1034.549	-2.18	Midgut	2R:+:5860731-5860757	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_84484	LNDNMKPDGFQQK	AGAP001529-PA	M5(Oxidation)	39	0.001802249	1	1550.725	-1.49	Midgut	2R:+:5860779-5860817	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_101148	VDEIFGNLKDFYVSIK	AGAP001529-PA	-	124	4.29E-12	1	1886.986	-2.01	Midgut	2R:+:5860731-5860778	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_104445	LFIDSAKLLPLAR	AGAP001529-PA	-	101	4.29E-11	1	1456.897	5.47	Malpighian tubule	2R:+:5860824-5860862	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_108839	VDEIFGNLKDFYVSIK	AGAP001529-PA	-	35	0.003312474	1	1886.996	3	Visceras	2R:+:5860731-5860778	exon=> In CDS Exon 1 of transcript AGAP001529-PA

JHU_Ag_111264	VDEIFGNLK	AGAP001529-PA	-	59	1.95E-05	2	1034.552	0.42	Ovary	2R:+:5860731-5860757	exon=> In CDS Exon 1 of transcript AGAP001529-PA
JHU_Ag_109972	RQPALPLVLDCER	AGAP001531-PA	C11(Carbamidomethyl)	44	0.000353606	1	1566.846	2.61	Malpighian tubule	2R:+:5884386-5884424	exon=> In CDS Exon 3 of transcript AGAP001531-PA
JHU_Ag_62451	KGPVEDPYGGDDV	AGAP001534-PA	-	66	2.19E-06	2	1347.609	1.99	Midgut	2R:-:5936172-5936134	exon=> In CDS Exon 3 of transcript AGAP001534-PA
JHU_Ag_89214	FDVSVTEETGGR	AGAP001534-PA	-	39	0.00155162	2	1296.605	-1.38	Midgut	2R:-:5938492-5938457	exon=> In CDS Exon 2 of transcript AGAP001534-PA
JHU_Ag_49886	IADGTIPK	AGAP001535-PA	-	43	0.000471858	1	814.469	2	Pupa	2R:+:5947972-5947995	exon=> In CDS Exon 3 of transcript AGAP001535-PA
JHU_Ag_67661	MKIAIPR	AGAP001535-PA	M1(Oxidation)	47	0.000235525	1	844.509	2.4	Head	2R:+:5943633-5943653	exon=> In CDS Exon 2 of transcript AGAP001535-PA
JHU_Ag_59582	NVQLIELGRHR	AGAP001539-PA	N1(Deamidated), Q3(Deamidated)	37	0.002210111	1	1336.720	-9.98	Head	2R:-:6046559-6046527	exon=> In CDS Exon 3 of transcript AGAP001539-PA
JHU_Ag_51208	MEGVNVFKLK	AGAP001541-PA	M1(Oxidation), N5(Deamidated)	40	0.00097733	1	1181.638	12.12	Male reproductive organs	2R:-:6049958-6049929	exon=> In CDS Exon 7 of transcript AGAP001541-PA
JHU_Ag_59947	HIYVHVPPPEK	AGAP001543-PA	-	42	0.001062667	1	1315.709	-5.16	Head	2R:-:6076503-6076471	exon=> In CDS Exon 2 of transcript AGAP001543-PA
JHU_Ag_110001	APIIPVQPQNEEK	AGAP001543-PA	-	63	4.94E-06	1	1462.794	2.83	Larva	2R:-:6076374-6076336	exon=> In CDS Exon 2 of transcript AGAP001543-PA
JHU_Ag_73882	ELTVDPSFEFEK	AGAP001545-PA	-	55	4.99E-05	2	1440.693	2.21	Ovary	2R:+:6091066-6091101	exon=> In CDS Exon 2 of transcript AGAP001545-PA
JHU_Ag_91430	LNITSTYEYLETR	AGAP001550-PA	-	96	3.75E-09	2	1602.805	2.25	Head	2R:+:6105081-6105104,6106263-6106277	exon=> In CDS Exon 2 and 3 of transcript AGAP001550-PA
JHU_Ag_105400	LERPNFDINPTTR	AGAP001550-PA	-	56	3.46E-05	1	1572.817	2.77	Head	2R:+:6106881-6106894,6106957-6106981	exon=> In CDS Exon 6 and 7 of transcript AGAP001550-PA
JHU_Ag_108408	YIHGPDVPSVQGNAR	AGAP001550-PA	-	46	0.000384618	1	1609.814	3.84	Head	2R:+:6108156-6108200	exon=> In CDS Exon 10 of transcript AGAP001550-PA
JHU_Ag_116357	CYFNAHDEVIK	AGAP001556-PA	C1(Carbamidomethyl)	31	0.008229865	2	1395.629	-4.85	Head	2R:-:6152285-6152253	exon=> In CDS Exon 3 of transcript AGAP001556-PA
JHU_Ag_5738	GFYSLIDDNDFETGSR	AGAP001557-PA	-	77	1.68E-07	2	1835.814	2.97	Salivary gland	2R:+:6191028-6191075	exon=> In CDS Exon 4 of transcript AGAP001557-PA
JHU_Ag_23865	NILSFQGNQRPTLDELHDASITNK	AGAP001557-PA	-	82	6.62E-08	1	2711.375	0.21	Head	2R:+:6187538-6187609	exon=> In CDS Exon 2 of transcript AGAP001557-PA
JHU_Ag_33006	FRIDYSDLQLLPDVTK	AGAP001557-PA	-	52	5.13E-05	1	1923.023	0.4	Salivary gland	2R:+:6192470-6192517	exon=> In CDS Exon 6 of transcript AGAP001557-PA
JHU_Ag_34712	TISVAPDPIDINAK	AGAP001557-PA	-	59	1.18E-05	2	1453.792	1.4	Salivary gland	2R:+:6192045-6192086	exon=> In CDS Exon 5 of transcript AGAP001557-PA
JHU_Ag_41298	DDAADASTAGTSTISK	AGAP001557-PA	-	115	3.71E-11	1	1510.690	2.1	Head	2R:+:6192578-6192602,6192869-6192891	exon=> In CDS Exon 6 and 7 of transcript AGAP001557-PA
JHU_Ag_46962	AELLAVQDK	AGAP001557-PA	-	49	0.000189352	2	986.552	0.25	Salivary gland	2R:+:6192892-6192918	exon=> In CDS Exon 7 of transcript AGAP001557-PA
JHU_Ag_53575	DDAADASTAGTSTISK	AGAP001557-PA	-	109	1.69E-10	1	1510.688	0.73	Midgut	2R:+:6192578-6192602,6192869-6192891	exon=> In CDS Exon 6 and 7 of transcript AGAP001557-PA
JHU_Ag_53880	FRIDYSDLQLLPDVTK	AGAP001557-PA	-	50	9.66E-05	2	1923.019	-1.53	Midgut	2R:+:6192470-6192517	exon=> In CDS Exon 6 of transcript AGAP001557-PA
JHU_Ag_58836	NALLSVQQLNNVEEHVK	AGAP001557-PA	-	73	3.96E-07	2	1935.038	4.15	Head	2R:+:6190782-6190832	exon=> In CDS Exon 4 of transcript AGAP001557-PA
JHU_Ag_59776	DRDPEQPR	AGAP001557-PA	Q6(Deamidated)	34	0.002522445	2	1013.459	-5.91	Head	2R:+:6186748-6186771	exon=> In CDS Exon 1 of transcript AGAP001557-PA
JHU_Ag_64182	NILSFQGNQRPTLDELHDASITNK	AGAP001557-PA	-	64	4.25E-06	1	2711.386	4.06	Salivary gland	2R:+:6187538-6187609	exon=> In CDS Exon 2 of transcript AGAP001557-PA

JHU_Ag_67576	VFALANR	AGAP001557-PA	-	43	0.000424893	2	790.457	-0.11	Salivary gland	2R:+:6192398-6192418	exon=> In CDS Exon 6 of transcript AGAP001557-PA
JHU_Ag_73131	LRVFALANR	AGAP001557-PA	-	31	0.001758596	2	1059.642	-0.32	Head	2R:+:6192392-6192418	exon=> In CDS Exon 6 of transcript AGAP001557-PA
JHU_Ag_73813	ALDMYLSVAILR	AGAP001557-PA	M4(Oxidation)	78	1.74E-07	2	1380.758	2.07	Salivary gland	2R:+:6191199-6191234	exon=> In CDS Exon 4 of transcript AGAP001557-PA
JHU_Ag_86530	IDYSDLQLLPDVTK	AGAP001557-PA	-	68	1.82E-06	2	1619.858	3.3	Head	2R:+:6192476-6192517	exon=> In CDS Exon 6 of transcript AGAP001557-PA
JHU_Ag_94061	TISVAPDPIDINAK	AGAP001557-PA	-	34	0.003161234	2	1453.794	2.91	Head	2R:+:6192045-6192086	exon=> In CDS Exon 5 of transcript AGAP001557-PA
JHU_Ag_98661	DDAADASTAGTSTISK	AGAP001557-PA	-	82	7.33E-08	2	1510.696	6.14	Salivary gland	2R:+:6192578-6192602,6192869-6192891	exon=> In CDS Exon 6 and 7 of transcript AGAP001557-PA
JHU_Ag_103296	NALLSVQQLNNVEEHVK	AGAP001557-PA	-	102	6.90E-10	1	1935.033	1.94	Salivary gland	2R:+:6190782-6190832	exon=> In CDS Exon 4 of transcript AGAP001557-PA
JHU_Ag_105327	FRIDYSDLQLLPDVTK	AGAP001557-PA	-	41	0.000565996	1	1923.029	3.73	Head	2R:+:6192470-6192517	exon=> In CDS Exon 6 of transcript AGAP001557-PA
JHU_Ag_113613	GNQTSVLTFYS	AGAP001557-PA,AGAP003275-PA	-	42	0.000681066	2	1216.583	-1.16	Salivary gland	2R:+:6193087-6193119;2R:+:34786706-34786738	exon=> In CDS Exon 7 of transcript AGAP001557-PA;exon=> In CDS Exon 7 of transcript AGAP003275-PA
JHU_Ag_49959	VNADIPPEILNNVAALHYR	AGAP001559-PA	-	30	0.006936754	1	2119.129	-0.26	Ovary	2R:-:6239869-6239813	exon=> In CDS Exon 4 of transcript AGAP001559-PA
JHU_Ag_87429	SVLSVVLQAVHELGLAHK	AGAP001559-PA	-	37	0.000210863	3	1900.112	5.68	Ovary	2R:-:6238882-6238829	exon=> In CDS Exon 4 of transcript AGAP001559-PA
JHU_Ag_2848	VKDSSVLDGIPISAILGNQQASLVGQR	AGAP001563-PA	-	86	6.76E-09	1	2765.521	1.77	Malpighian tubule	2R:-:6279802-6279722	exon=> In CDS Exon 3 of transcript AGAP001563-PA
JHU_Ag_14087	TLLMNIETLHWDPLLTK	AGAP001563-PA	M4(Oxidation)	63	5.11E-06	1	2054.087	-5.74	Midgut	2R:-:6279916-6279866	exon=> In CDS Exon 3 of transcript AGAP001563-PA
JHU_Ag_23487	LIGVIDAGTNSVR	AGAP001563-PA	-	71	8.44E-07	2	1314.736	-1.07	Midgut	2R:-:6280652-6280614	exon=> In CDS Exon 1 of transcript AGAP001563-PA
JHU_Ag_42446	ALSGLPISPYFSALK	AGAP001563-PA	-	29	0.004328056	1	1563.891	8.31	Ovary	2R:-:6280114-6280070	exon=> In CDS Exon 3 of transcript AGAP001563-PA
JHU_Ag_74031	FVIFKLPEFEEIASHQIR	AGAP001563-PA	-	81	4.21E-08	1	2203.203	5.22	Malpighian tubule	2R:-:6280613-6280676,6280263-6280474	exon=> In CDS Exon 2 and 1 of transcript AGAP001563-PA
JHU_Ag_78609	TLLMNIETLHWDPLLTK	AGAP001563-PA	M4(Oxidation)	37	0.001268406	1	2054.108	4.07	Larva	2R:-:6279916-6279866	exon=> In CDS Exon 3 of transcript AGAP001563-PA
JHU_Ag_79055	DGWTEHNPVEVLEAVR	AGAP001563-PA	-	65	5.07E-06	1	1850.902	-0.86	Midgut	2R:-:6280452-6280405	exon=> In CDS Exon 2 of transcript AGAP001563-PA
JHU_Ag_85581	LPEFEEIASHQIR	AGAP001563-PA	-	99	1.74E-09	1	1568.799	-4.79	Midgut	2R:-:6280512-6280474	exon=> In CDS Exon 2 of transcript AGAP001563-PA
JHU_Ag_115224	VKDSSVLDGIPISAILGNQQASLVGQR	AGAP001563-PA	-	47	4.70E-05	1	2765.525	3.35	Ovary	2R:-:6279802-6279722	exon=> In CDS Exon 3 of transcript AGAP001563-PA
JHU_Ag_117518	ALSGLPISPYFSALK	AGAP001563-PA	-	32	0.002913131	1	1563.886	5.11	Midgut	2R:-:6280114-6280070	exon=> In CDS Exon 3 of transcript AGAP001563-PA
JHU_Ag_47474	LVLVLK	AGAP001564-PA	-	17	0.00314841	1	684.503	2.19	Visceras	2R:-:6289043-6289026	exon=> In CDS Exon 3 of transcript AGAP001564-PA
JHU_Ag_56989	LVLVLK	AGAP001564-PA	-	15	0.004296267	1	684.504	2.99	Malpighian tubule	2R:-:6289043-6289026	exon=> In CDS Exon 3 of transcript AGAP001564-PA
JHU_Ag_115117	LVLVLK	AGAP001564-PA	-	28	0.000238831	1	684.501	-1.11	Midgut	2R:-:6289043-6289026	exon=> In CDS Exon 3 of transcript AGAP001564-PA
JHU_Ag_24585	NMQAFKILR	AGAP001565-PA	M2(Oxidation)	40	0.000674929	1	1136.638	12.05	Head	2R:+:6305188-6305214	exon=> In CDS Exon 4 of transcript AGAP001565-PA
JHU_Ag_67659	QAPAKAK	AGAP001565-PA	-	28	0.006185701	1	713.431	0.5	Ovary	2R:+:6304361-6304381	exon=> In CDS Exon 2 of transcript AGAP001565-PA

JHU_Ag_3790	DCMDPEDDDGNIPYAPFLK	AGAP001569-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M3(Oxidation)","C2(Carba midomethyl), M3(Oxidation), N11(Deamidated)"	106	6.52E-11	2	2227.914	-0.71	Head	2R:+:6334601-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_12276	DCMDPEDDDGNIPYAPFLK	AGAP001569-PA	C2(Carbamidomethyl), M3(Oxidation)	67	5.60E-07	1	2227.918	0.82	Midgut	2R:+:6334601-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_21882	MMDNMVVIDHVK	AGAP001569-PA	M1(Oxidation), M2(Oxidation), M5(Oxidation)	60	1.06E-05	1	1479.666	1.53	Ovary	2R:+:6334992-6335027	exon=> In CDS Exon 5 of transcript AGAP001569-PA
JHU_Ag_23265	LDDVELDNVMKDCMDPEDDDGNIPY APFLK	AGAP001569-PA	M10(Oxidation), C13(Carbamidomethyl), M14(Oxidation)	46	0.000134042	1	3515.522	1.25	Visceras	2R:+:6334568-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_26816	DCMDPEDDDGNIPYAPFLK	AGAP001569-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M3(Oxidation)"	46	7.61E-05	2	2227.923	3.01	Visceras	2R:+:6334601-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_37219	MMDNMVVIDHVK	AGAP001569-PA	M1(Oxidation), M5(Oxidation),"M2(Oxida tion), M5(Oxidation)","M1(Oxid ation), M2(Oxidation), M5(Oxidation)"	73	6.12E-07	2	1431.681	1.44	Malpighian tubule	2R:+:6334992-6335027	exon=> In CDS Exon 5 of transcript AGAP001569-PA
JHU_Ag_60870	KMMDNMVVIDHVK	AGAP001569-PA	M2(Oxidation), M3(Oxidation), M6(Oxidation)	45	0.000508377	1	1607.759	-0.31	Male reproductive organs	2R:+:6334989-6335027	exon=> In CDS Exon 5 of transcript AGAP001569-PA
JHU_Ag_61059	DCMDPEDDDGNIPYAPFLK	AGAP001569-PA	C2(Carbamidomethyl), M3(Oxidation)	91	2.65E-09	1	2227.925	4	Larva	2R:+:6334601-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_63610	DCMDPEDDDGNIPYAPFLK	AGAP001569-PA	C2(Carbamidomethyl), M3(Oxidation)	127	5.70E-13	1	2227.919	1.37	Ovary	2R:+:6334601-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_65288	MMDNMVVIDHVK	AGAP001569-PA	M2(Oxidation),M5(Oxidati on),"M1(Oxidation), M2(Oxidation), M5(Oxidation)",M1(Oxida tion),"M1(Oxidation), M2(Oxidation)"	79	1.74E-07	2	1431.676	-2.14	Midgut	2R:+:6334992-6335027	exon=> In CDS Exon 5 of transcript AGAP001569-PA
JHU_Ag_81734	LDDVELDNVMKDCMDPEDDDGNIPY APFLK	AGAP001569-PA	M10(Oxidation), C13(Carbamidomethyl), M14(Oxidation)	104	1.77E-10	1	3515.519	0.31	Male reproductive organs	2R:+:6334568-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_86176	KMMDNMVVIDHVK	AGAP001569-PA	M2(Oxidation), M3(Oxidation), M6(Oxidation)	38	0.002462618	1	1607.761	1.2	Malpighian tubule	2R:+:6334989-6335027	exon=> In CDS Exon 5 of transcript AGAP001569-PA

JHU_Ag_89236	MMDNMVVIDHVK	AGAP001569-PA	M2(Oxidation), M5(Oxidation),M1(Oxidation),"M1(Oxidation), M2(Oxidation), M5(Oxidation)",M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M5(Oxidation),"M1(Oxidation), M5(Oxidation)"	87	2.23E-08	1	1431.679	-0.18	Head	2R:+:6334992-6335027	exon=> In CDS Exon 5 of transcript AGAP001569-PA
JHU_Ag_98126	LDDVELDNVMKDCMDPEDDDGNIPYAPFLK	AGAP001569-PA	M10(Oxidation), C13(Carbamidomethyl), M14(Oxidation)	60	4.73E-06	1	3515.522	1.14	Head	2R:+:6334568-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_99363	DCMDPEDDDGNIPYAPFLK	AGAP001569-PA	C2(Carbamidomethyl), M3(Oxidation)	50	2.88E-05	2	2227.916	0.06	Male reproductive organs	2R:+:6334601-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_100544	LDDVELDNVMKDCMDPEDDDGNIPYAPFLK	AGAP001569-PA	M10(Oxidation), C13(Carbamidomethyl), M14(Oxidation)	99	8.45E-10	1	3515.535	4.89	Larva	2R:+:6334568-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_106583	MMDNMVVIDHVK	AGAP001569-PA	M1(Oxidation), M2(Oxidation), M5(Oxidation)	49	0.000136169	1	1479.668	2.55	Male reproductive organs	2R:+:6334992-6335027	exon=> In CDS Exon 5 of transcript AGAP001569-PA
JHU_Ag_114752	LDDVELDNVMKDCMDPEDDDGNIPYAPFLK	AGAP001569-PA	M10(Oxidation), C13(Carbamidomethyl), M14(Oxidation)	134	2.25E-13	1	3515.528	2.81	Ovary	2R:+:6334568-6334646,6334978-6334988	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PA
JHU_Ag_1838	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	78	1.83E-07	1	1483.787	2.66	Pupa	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_2807	LYDKNEDGTMLLAELTHSLTALGER	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	228	2.29E-22	1	2790.388	-3.51	Midgut	2R:+:6334400-6334466,6334560-6334567;2R:+:6334400-6334466,6334560-6334567	exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PB
JHU_Ag_2819	ALNLNPTIELIGKMGGTQK	AGAP001569-PA,AGAP001569-PB	M14(Oxidation)	127	1.19E-12	1	2014.105	2.43	Malpighian tubule	2R:+:6334238-6334294;2R:+:6334238-6334294	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_3303	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	86	2.83E-08	1	1483.786	1.92	Visceras	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_5424	AQFVFSVYDWEGSGQMDAMDLGNALR	AGAP001569-PA,AGAP001569-PB	M16(Oxidation), M19(Oxidation)	182	5.40E-18	1	2939.312	4.91	Larva	2R:+:6334160-6334237;2R:+:6334160-6334237	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_6923	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	91	1.29E-08	1	1315.674	0.05	Visceras	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_9355	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl), N2(Deamidated)	77	3.52E-07	1	1316.658	-0.33	Male reproductive organs	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB

JHU_Ag_9402	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	107	9.02E-11	1	1724.961	-0.52	Ovary	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_9656	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	-	66	3.32E-07	2	1395.827	4.33	Malpighian tubule	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_11767	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	-	85	5.39E-08	1	1273.665	1.16	Visceras	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_11909	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	86	4.18E-08	1	1315.673	-0.69	Ovary	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_12124	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	-	81	1.15E-08	1	1395.827	4.42	Visceras	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_13066	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	N3(Deamidated)	69	1.89E-07	1	1395.824	2.15	Pupa	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_14034	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	83	5.63E-08	1	1483.786	2.17	Ovary	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_16172	EQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C4(Carbamidomethyl), C11(Carbamidomethyl)	96	1.62E-09	1	1674.722	4.75	Visceras	2R:+:6334361-6334399;2R:+:6334361-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_20503	AQFVFSVYDWEGSGQMDAMDLGNALR	AGAP001569-PA,AGAP001569-PB	M16(Oxidation), M19(Oxidation)	64	3.87E-06	1	2939.300	0.8	Midgut	2R:+:6334160-6334237;2R:+:6334160-6334237	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_23596	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	116	1.14E-11	1	1724.958	-2.22	Midgut	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_26479	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	49	0.000109902	2	1483.792	5.87	Malpighian tubule	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_26967	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	Q10(Deamidated)	90	1.10E-08	1	1483.787	2.74	Head	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_30237	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	-	75	3.87E-08	2	1395.825	3.46	Larva	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_30283	DVEIEK	AGAP001569-PA,AGAP001569-PB	-	42	0.001715236	1	732.380	3.49	Head	2R:+:6334045-6334060,6334158-6334159;2R:+:6334045-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_30330	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	106	1.02E-10	1	1724.977	8.54	Larva	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB

JHU_Ag_30971	FEEFLPIFSQVKK	AGAP001569-PA,AGAP001569-PB	-	60	7.33E-06	1	1611.884	3.43	Visceras	2R:+:6334316-6334354;2R:+:6334316-6334354	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_31476	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	87	3.34E-08	1	1315.678	3.3	Larva	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_32793	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	52	3.15E-05	1	1724.961	-0.53	Salivary gland	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_34241	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	Q12(Deamidated)	104	1.90E-10	1	1724.969	3.72	Head	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_36365	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	83	8.12E-08	1	1315.671	-2.36	Midgut	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_36865	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	-	69	1.62E-07	2	1395.820	-0.13	Midgut	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_37292	EKEQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C6(Carbamidomethyl), C13(Carbamidomethyl)	123	4.75E-12	1	1931.852	0.52	Midgut	2R:+:6334355-6334399;2R:+:6334355-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_37642	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	-	59	2.10E-06	2	1395.820	-0.65	Salivary gland	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_38274	EKEQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C6(Carbamidomethyl), C13(Carbamidomethyl)	101	7.59E-10	1	1931.853	0.77	Male reproductive organs	2R:+:6334355-6334399;2R:+:6334355-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_39531	LDDVELDNVMK	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	91	1.30E-08	1	1306.623	2.31	Ovary	2R:+:6334568-6334600;2R:+:6334568-6334600	exon=> In CDS Exon 4 of transcript AGAP001569-PA;exon=> In CDS Exon 4 of transcript AGAP001569-PB
JHU_Ag_41717	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	83	6.00E-08	1	1483.779	-3.1	Midgut	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_46772	AQFVFSVYDWEGSGQMDAMDLGNALR	AGAP001569-PA,AGAP001569-PB	M16(Oxidation), M19(Oxidation)	198	1.51E-19	1	2939.308	3.66	Visceras	2R:+:6334160-6334237;2R:+:6334160-6334237	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_46800	LDDVELDNVMK	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	82	1.06E-07	1	1306.625	4.18	Larva	2R:+:6334568-6334600;2R:+:6334568-6334600	exon=> In CDS Exon 4 of transcript AGAP001569-PA;exon=> In CDS Exon 4 of transcript AGAP001569-PB
JHU_Ag_48448	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	-	73	6.21E-08	1	1395.821	0.13	Male reproductive organs	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_53358	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	111	4.03E-11	1	1724.965	1.53	Pupa	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_56610	FEEFLPIFSQVKK	AGAP001569-PA,AGAP001569-PB	-	43	0.000392527	1	1611.876	-1.49	Midgut	2R:+:6334316-6334354;2R:+:6334316-6334354	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB

JHU_Ag_58188	AQFVFSVYDWEGSGQMDAMDLGNALR	AGAP001569-PA,AGAP001569-PB	M16(Oxidation), M19(Oxidation)	180	8.86E-18	1	2939.304	2.23	Head	2R:+:6334160-6334237;2R:+:6334160-6334237	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_60406	EQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C4(Carbamidomethyl), C11(Carbamidomethyl)	36	0.001696523	2	1674.726	7.08	Malpighian tubule	2R:+:6334361-6334399;2R:+:6334361-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_60467	FEEFLPIFSQVKK	AGAP001569-PA,AGAP001569-PB	-	55	2.26E-05	1	1611.883	3.05	Malpighian tubule	2R:+:6334316-6334354;2R:+:6334316-6334354	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_62670	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	91	1.27E-08	1	1315.673	-0.51	Pupa	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_64540	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	83	7.32E-08	1	1315.674	-0.23	Male reproductive organs	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_67296	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl), N2(Deamidated)	90	1.86E-08	1	1316.663	3.47	Larva	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_67772	FEEFLPIFSQVKK	AGAP001569-PA,AGAP001569-PB	-	34	0.002986683	2	1611.882	2.3	Head	2R:+:6334316-6334354;2R:+:6334316-6334354	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_68153	LYDKNEDGTMLLAELTHSLTALGER	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	135	4.22E-13	1	2806.395	0.9	Ovary	2R:+:6334400-6334466,6334560-6334567;2R:+:6334400-6334466,6334560-6334567	exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PB
JHU_Ag_68309	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	86	4.22E-08	1	1315.678	3.11	Malpighian tubule	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_68431	EKEQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C6(Carbamidomethyl), C13(Carbamidomethyl)	121	8.47E-12	1	1931.853	0.58	Head	2R:+:6334355-6334399;2R:+:6334355-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_68602	EQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C4(Carbamidomethyl), C11(Carbamidomethyl)	96	1.18E-09	1	1674.717	2.12	Head	2R:+:6334361-6334399;2R:+:6334361-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_69555	LDDVELDNVMK	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	73	6.68E-07	2	1306.620	0.54	Pupa	2R:+:6334568-6334600;2R:+:6334568-6334600	exon=> In CDS Exon 4 of transcript AGAP001569-PA;exon=> In CDS Exon 4 of transcript AGAP001569-PB

JHU_Ag_70566	NEDGTMLLAELTHSLTALGER	AGAP001569-PA,AGAP001569-PB	M6(Oxidation)	149	1.89E-14	1	2287.125	0.45	Ovary	2R:+:6334412-6334466,6334560-6334567;2R:+:6334412-6334466,6334560-6334567	exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PB
JHU_Ag_73717	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	86	2.51E-08	1	1483.792	6.11	Larva	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_74694	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	91	3.02E-09	1	1724.974	6.7	Malpighian tubule	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_77811	NEDGTMLLAELTHSLTALGER	AGAP001569-PA,AGAP001569-PB	M6(Oxidation)	145	4.68E-14	1	2271.124	-2.08	Midgut	2R:+:6334412-6334466,6334560-6334567;2R:+:6334412-6334466,6334560-6334567	exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PB
JHU_Ag_78259	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	94	1.78E-09	1	1724.971	5.21	Male reproductive organs	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_80619	LDDVELDNVMK	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	83	6.63E-08	2	1290.621	-2.74	Midgut	2R:+:6334568-6334600;2R:+:6334568-6334600	exon=> In CDS Exon 4 of transcript AGAP001569-PA;exon=> In CDS Exon 4 of transcript AGAP001569-PB
JHU_Ag_81894	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl), N2(Deamidated)	68	2.51E-06	1	1316.659	1.06	Ovary	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_85418	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl), N2(Deamidated)	90	1.58E-08	1	1316.657	-0.98	Midgut	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_86956	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl)	91	1.24E-08	1	1315.671	-2.55	Head	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_89241	IKFEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	119	5.44E-12	1	1724.969	4.15	Visceras	2R:+:6334310-6334351;2R:+:6334310-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_89476	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	-	86	3.08E-09	1	1395.822	0.75	Ovary	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_89602	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl), N2(Deamidated)	90	1.48E-08	1	1316.658	0.04	Pupa	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB

JHU_Ag_91902	FEEFLPIFSQVKK	AGAP001569-PA,AGAP001569-PB	-	60	7.62E-06	1	1611.882	2.52	Male reproductive organs	2R:+:6334316-6334354;2R:+:6334316-6334354	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_92528	ALNLNPTIELIGK	AGAP001569-PA,AGAP001569-PB	N5(Deamidated),N3(Deamidated)	80	1.35E-08	1	1395.823	1.97	Head	2R:+:6334238-6334276;2R:+:6334238-6334276	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_93052	EKEQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C6(Carbamidomethyl), C13(Carbamidomethyl)	129	1.28E-12	1	1931.858	3.23	Visceras	2R:+:6334355-6334399;2R:+:6334355-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_93442	LDDVELDNVMK	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	86	3.44E-08	1	1306.623	2.4	Visceras	2R:+:6334568-6334600;2R:+:6334568-6334600	exon=> In CDS Exon 4 of transcript AGAP001569-PA;exon=> In CDS Exon 4 of transcript AGAP001569-PB
JHU_Ag_93546	LDDVELDNVMK	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	62	9.65E-06	2	1306.619	-0.12	Male reproductive organs	2R:+:6334568-6334600;2R:+:6334568-6334600	exon=> In CDS Exon 4 of transcript AGAP001569-PA;exon=> In CDS Exon 4 of transcript AGAP001569-PB
JHU_Ag_94192	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	86	2.88E-08	1	1483.787	2.58	Male reproductive organs	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_95123	LDDVELDNVMK	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	91	1.22E-08	1	1290.627	1.52	Head	2R:+:6334568-6334600;2R:+:6334568-6334600	exon=> In CDS Exon 4 of transcript AGAP001569-PA;exon=> In CDS Exon 4 of transcript AGAP001569-PB
JHU_Ag_97014	DVEIEK	AGAP001569-PA,AGAP001569-PB	-	42	0.001889399	1	732.379	2.4	Visceras	2R:+:6334045-6334060,6334158-6334159;2R:+:6334045-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_98125	ANDLKDVEIEK	AGAP001569-PA,AGAP001569-PB	N-Term(Acetyl), N2(Deamidated)	95	4.97E-09	1	1316.660	1.53	Visceras	2R:+:6334030-6334060,6334158-6334159;2R:+:6334030-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_102532	FEEFLPIFSQVK	AGAP001569-PA,AGAP001569-PB	-	52	6.53E-05	1	1483.784	0.27	Salivary gland	2R:+:6334316-6334351;2R:+:6334316-6334351	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_104471	EQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C4(Carbamidomethyl), C11(Carbamidomethyl)	45	0.000177594	2	1674.721	4.46	Ovary	2R:+:6334361-6334399;2R:+:6334361-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB
JHU_Ag_112558	LYDKNEDGTMLLAELTHSLTALGER	AGAP001569-PA,AGAP001569-PB	M10(Oxidation)	169	1.83E-16	1	2806.405	4.49	Visceras	2R:+:6334400-6334466,6334560-6334567;2R:+:6334400-6334466,6334560-6334567	exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001569-PB
JHU_Ag_113921	DVEIEK	AGAP001569-PA,AGAP001569-PB	-	38	0.004605998	1	732.379	2.15	Malpighian tubule	2R:+:6334045-6334060,6334158-6334159;2R:+:6334045-6334060,6334158-6334159	exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001569-PB
JHU_Ag_117375	EQGCFEDFLECLK	AGAP001569-PA,AGAP001569-PB	C4(Carbamidomethyl), C11(Carbamidomethyl)	98	8.25E-10	1	1674.714	0.23	Midgut	2R:+:6334361-6334399;2R:+:6334361-6334399	exon=> In CDS Exon 3 of transcript AGAP001569-PA;exon=> In CDS Exon 3 of transcript AGAP001569-PB

JHU_Ag_4359	LDDVELDNVMKDCMDPEDDDGNIPYAPFLQR	AGAP001569-PB	M10(Oxidation), C13(Carbamidomethyl), M14(Oxidation),"C13(Carbamidomethyl), M14(Oxidation)",C13(Carbamidomethyl)	58	1.10E-05	1	3639.596	0.98	Visceras	2R:+:6334568-6334646,6335628-6335641	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PB
JHU_Ag_27382	DCMDPEDDDGNIPYAPFLQR	AGAP001569-PB	C2(Carbamidomethyl),"C2(Carbamidomethyl), M3(Oxidation)"	72	1.89E-07	1	2383.985	1.68	Visceras	2R:+:6334601-6334646,6335628-6335641	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PB
JHU_Ag_99947	DCMDPEDDDGNIPYAPFLQR	AGAP001569-PB	C2(Carbamidomethyl), M3(Oxidation)	72	1.92E-07	1	2383.982	0.65	Head	2R:+:6334601-6334646,6335628-6335641	exon=> In CDS Exon 4 and 5 of transcript AGAP001569-PB
JHU_Ag_12662	RPENISSESR	AGAP001570-PA	-	56	3.71E-05	1	1174.575	-4.92	Head	2R:+:6351123-6351152	exon=> In CDS Exon 4 of transcript AGAP001570-PA
JHU_Ag_25433	IGSLDNLK	AGAP001570-PA	-	37	0.004207557	1	859.488	-0.57	Head	2R:+:6351896-6351919	exon=> In CDS Exon 7 of transcript AGAP001570-PA
JHU_Ag_29773	IGSLDNASHKPGGGDK	AGAP001570-PA	-	54	6.19E-05	1	1552.772	0.42	Head	2R:+:6351643-6351690	exon=> In CDS Exon 6 of transcript AGAP001570-PA
JHU_Ag_41036	DRPNALASPASPLK	AGAP001570-PA	-	82	3.70E-08	1	1436.787	0.77	Head	2R:+:6351051-6351092	exon=> In CDS Exon 4 of transcript AGAP001570-PA
JHU_Ag_105135	TPETPSDQPLIK	AGAP001570-PA	-	89	1.35E-08	1	1325.694	-0.3	Head	2R:+:6351189-6351224	exon=> In CDS Exon 4 of transcript AGAP001570-PA
JHU_Ag_108779	DNITYKPGGGDVK	AGAP001570-PA	-	63	1.03E-05	1	1363.690	3.09	Head	2R:+:6351751-6351789	exon=> In CDS Exon 6 of transcript AGAP001570-PA
JHU_Ag_115002	IGSLENASHKPGGGNVK	AGAP001570-PA	-	103	6.14E-10	1	1664.875	2.03	Head	2R:+:6351409-6351459	exon=> In CDS Exon 5 of transcript AGAP001570-PA
JHU_Ag_6820	ETISLLADQGLSALK	AGAP001573-PA	-	56	2.00E-05	2	1558.872	2.32	Head	2R:-:6360570-6360526	exon=> In CDS Exon 3 of transcript AGAP001573-PA
JHU_Ag_51289	HHCPDAPIILVGTK	AGAP001573-PA	C3(Carbamidomethyl)	53	7.19E-05	1	1557.817	-2.08	Head	2R:-:6360726-6360925,6360361-6360592	exon=> In CDS Exon 3 and 2 of transcript AGAP001573-PA
JHU_Ag_53349	AVLRPEPLK	AGAP001573-PA	-	32	0.000834322	1	1022.637	0.81	Head	2R:-:6360417-6360391	exon=> In CDS Exon 3 of transcript AGAP001573-PA
JHU_Ag_64586	LRPLSYPQTDVFLICYSVASPSSFENVTSK	AGAP001573-PA	C15(Carbamidomethyl)	33	0.00469514	3	3405.717	3.82	Head	2R:-:6360834-6360745	exon=> In CDS Exon 2 of transcript AGAP001573-PA
JHU_Ag_16603	IVQDVKDEGSPSGMSR	AGAP001581-PB,AGAP001581-PA	M14(Oxidation)	62	1.18E-05	1	1720.820	1.52	Head	2R:+:6450606-6450639,6450714-6450727;2R:+:6450606-6450639,6450714-6450727	exon=> In CDS Exon 3 and 4 of transcript AGAP001581-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001581-PA
JHU_Ag_32274	EELLETNER	AGAP001581-PB,AGAP001581-PA	-	51	0.000119392	1	1132.547	-0.77	Head	2R:+:6450728-6450754;2R:+:6450728-6450754	exon=> In CDS Exon 4 of transcript AGAP001581-PB;exon=> In CDS Exon 5 of transcript AGAP001581-PA
JHU_Ag_43903	LETQYWTLVEIPK	AGAP001581-PB,AGAP001581-PA	-	69	1.16E-06	2	1619.874	3.45	Head	2R:+:6450976-6451014;2R:+:6450976-6451014	exon=> In CDS Exon 5 of transcript AGAP001581-PB;exon=> In CDS Exon 6 of transcript AGAP001581-PA
JHU_Ag_61589	LRLEESYDTAK	AGAP001581-PB,AGAP001581-PA	-	64	5.60E-06	2	1324.670	-3.32	Head	2R:+:6450770-6450802;2R:+:6450770-6450802	exon=> In CDS Exon 4 of transcript AGAP001581-PB;exon=> In CDS Exon 5 of transcript AGAP001581-PA
JHU_Ag_54422	RNGVLIQK	AGAP001583-PA	Q7(Deamidated)	40	0.001101299	1	928.546	-12.89	Male reproductive organs	2R:+:6473647-6473670	exon=> In CDS Exon 5 of transcript AGAP001583-PA
JHU_Ag_95172	LLLAHGTK	AGAP001583-PA	-	19	0.018284844	2	852.533	3.86	Midgut	2R:+:6476800-6476823	exon=> In CDS Exon 6 of transcript AGAP001583-PA

JHU_Ag_42865	ILASK	AGAP001583-PA,AGAP000214-PA	-	36	0.001799181	1	531.350	-0.35	Midgut	2R:+:6471665-6471678,6471780-6471780;X:-:3489598-3489584	exon=> In CDS Exon 3 and 4 of transcript AGAP001583-PA;exon=> In CDS Exon 3 of transcript AGAP000214-PA
JHU_Ag_24054	YYCDYCDTYLTHDSPSVR	AGAP001584-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	40	0.000263835	1	2314.944	2.68	Ovary	2R:-:6479454-6479401	exon=> In CDS Exon 1 of transcript AGAP001584-PA
JHU_Ag_253	KDSVQIPECSVDDWPR	AGAP001587-PA	C9(Carbamidomethyl)	71	1.02E-06	1	1930.896	-0.31	Salivary gland	2R:-:6488630-6488583	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_2510	EIIDLEARLEK	AGAP001587-PA	-	62	5.95E-06	1	1328.749	5.26	Malpighian tubule	2R:-:6488567-6488535	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_4051	AIVLASVAK	AGAP001587-PA	-	42	0.000163398	2	871.566	5.35	Malpighian tubule	2R:-:6487826-6487800	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_5045	SNYLELTELK	AGAP001587-PA	-	64	4.48E-06	1	1209.638	1.49	Malpighian tubule	2R:-:6488486-6488457	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_5142	CLIGECWVPVPDLPK	AGAP001587-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	66	2.96E-06	1	1782.905	7.16	Malpighian tubule	2R:-:6487712-6487668	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_6574	LGFVAGVIQR	AGAP001587-PA	-	81	3.03E-08	2	1059.635	4.06	Malpighian tubule	2R:-:6488339-6488310	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_7121	ALSDGSAAVGSTIPSFLNVIDTNEAPPTYNR	AGAP001587-PA	-	83	5.57E-08	1	3177.572	0.63	Malpighian tubule	2R:-:6487658-6487566	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_9505	YVEGEVK	AGAP001587-PA	-	34	0.00558605	1	823.422	2.92	Malpighian tubule	2R:-:6488651-6488631	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_12582	TENEILELSQNAVNLK	AGAP001587-PA	-	42	0.000876605	1	1814.947	-1.45	Visceras	2R:-:6488534-6488487	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_17174	DLNADVNAFQR	AGAP001587-PA	-	60	1.81E-05	2	1262.613	0.11	Ovary	2R:-:6488818-6488932,6488208-6488703	exon=> In CDS Exon 2 and 1 of transcript AGAP001587-PA
JHU_Ag_18872	TVFVAFFQGEQLK	AGAP001587-PA	-	78	2.07E-07	1	1513.808	1.91	Malpighian tubule	2R:-:6488012-6487974	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_20715	SNLIAEDPTAAQSR	AGAP001587-PA	-	104	4.81E-10	1	1472.735	0.93	Malpighian tubule	2R:-:6488387-6488346	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_21655	QVELEEPLEDPATGNEIFK	AGAP001587-PA	-	130	1.43E-12	1	2158.055	-0.07	Malpighian tubule	2R:-:6488246-6488732,6486654-6488013	exon=> In CDS Exon 3 and 2 of transcript AGAP001587-PA
JHU_Ag_22654	DLNADVNAFQR	AGAP001587-PA	-	51	0.000145104	2	1262.612	-0.08	Head	2R:-:6488818-6488932,6488208-6488703	exon=> In CDS Exon 2 and 1 of transcript AGAP001587-PA
JHU_Ag_23653	DLTLNPGSTDYDTEIYPIGLDPVWQLASNK	AGAP001587-PA	-	65	4.37E-06	1	3335.631	-0.22	Salivary gland	2R:-:6487187-6487098	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_24162	GFQNLIDAYGIASYR	AGAP001587-PA	-	138	2.38E-13	1	1687.846	1.1	Salivary gland	2R:-:6487547-6487503	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_26260	SNLIAEDPTAAQSR	AGAP001587-PA	-	48	0.000219711	2	1472.736	1.18	Head	2R:-:6488387-6488346	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_28043	AIVLASVAKELFSWR	AGAP001587-PA	-	27	0.00382184	1	1689.975	3.71	Malpighian tubule	2R:-:6487826-6487782	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_28121	LGFVAGVIQREK	AGAP001587-PA	-	94	1.05E-09	1	1316.775	4.75	Malpighian tubule	2R:-:6488339-6488304	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_29214	DSVQIPECSVDDWPR	AGAP001587-PA	C8(Carbamidomethyl)	53	4.76E-05	2	1802.812	5.74	Malpighian tubule	2R:-:6488627-6488583	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_29970	YVEGEVKK	AGAP001587-PA	-	39	0.00129465	1	951.519	4.32	Salivary gland	2R:-:6488651-6488628	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_30794	EIIDLEAR	AGAP001587-PA	-	47	0.000321138	2	958.524	3.94	Malpighian tubule	2R:-:6488567-6488544	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_35662	TQSFFFEQEVIVSTDAAK	AGAP001587-PA	-	109	1.79E-10	2	2047.014	5.75	Malpighian tubule	2R:-:6488441-6488388	exon=> In CDS Exon 2 of transcript AGAP001587-PA

JHU_Ag_37065	VCTGYHVSLYPCPSSGSER	AGAP001587-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	67	1.95E-06	1	2155.955	0.73	Salivary gland	2R:-:6487958-6487902	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_37170	TVFVAFFQGEQLKAR	AGAP001587-PA	-	37	0.001470051	3	1740.954	5.94	Malpighian tubule	2R:-:6488012-6487968	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_38125	VCTGYHVSLYPCPSSGSER	AGAP001587-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	70	1.12E-06	1	2155.962	4.1	Malpighian tubule	2R:-:6487958-6487902	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_38742	DLNADVNAFQR	AGAP001587-PA	-	65	5.34E-06	2	1262.613	0.7	Salivary gland	2R:-:6488818-6488932,6488208-6488703	exon=> In CDS Exon 2 and 1 of transcript AGAP001587-PA
JHU_Ag_44588	LEKTENEILELSQNAVNLK	AGAP001587-PA	-	116	1.92E-11	1	2185.171	-0.02	Salivary gland	2R:-:6488543-6488487	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_45539	QVELEEPLEDPATGNEIFK	AGAP001587-PA	-	67	2.88E-06	2	2158.055	0.16	Head	2R:-:6488246-6488732,6486654-6488013	exon=> In CDS Exon 3 and 2 of transcript AGAP001587-PA
JHU_Ag_45996	MPGFER	AGAP001587-PA	M1(Oxidation)	41	0.000564497	2	752.342	2.77	Malpighian tubule	2R:-:6488303-6488286	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_46582	SNYLELTELKHVLER	AGAP001587-PA	-	89	1.00E-08	1	1844.005	7.52	Malpighian tubule	2R:-:6488486-6488442	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_46847	GFQNLIDAYGIASYR	AGAP001587-PA	-	92	1.09E-08	1	1687.847	1.75	Ovary	2R:-:6487547-6487503	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_49812	LGFVAGVIQR	AGAP001587-PA	-	87	1.14E-08	2	1059.631	-0.09	Salivary gland	2R:-:6488339-6488310	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_51455	AIYHTLNLFNMDVTKK	AGAP001587-PA	M11(Oxidation)	42	0.00063974	1	1924.013	6.93	Salivary gland	2R:-:6487760-6487713	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_51468	SNLIAEDPTAAQSR	AGAP001587-PA	-	56	3.43E-05	2	1472.734	0.02	Ovary	2R:-:6488387-6488346	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_51912	QVELEEPLEDPATGNEIFK	AGAP001587-PA	-	54	5.58E-05	2	2158.057	0.83	Ovary	2R:-:6488246-6488732,6486654-6488013	exon=> In CDS Exon 3 and 2 of transcript AGAP001587-PA
JHU_Ag_53451	KFVSEVR	AGAP001587-PA	-	41	0.000789416	2	864.493	-0.92	Salivary gland	2R:-:6488702-6488682	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_54260	LEKTENEILELSQNAVNLK	AGAP001587-PA	-	112	3.77E-11	1	2185.185	6.35	Malpighian tubule	2R:-:6488543-6488487	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_54453	SNYLELTELK	AGAP001587-PA	-	56	3.00E-05	2	1209.635	-0.83	Ovary	2R:-:6488486-6488457	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_55176	DSVQIPECSVDDWPR	AGAP001587-PA	C8(Carbamidomethyl)	108	1.48E-10	1	1802.802	0.52	Salivary gland	2R:-:6488627-6488583	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_56034	SNYLELTELK	AGAP001587-PA	-	62	6.68E-06	1	1209.635	-1.13	Salivary gland	2R:-:6488486-6488457	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_57105	NSEPFHGCDEFMFEGQNELQR	AGAP001587-PA	C8(Carbamidomethyl), M12(Oxidation)	49	2.49E-05	1	2587.058	-1.39	Salivary gland	2R:-:6486806-6486744	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_57801	MVLNQTQDHR	AGAP001587-PA	-	58	1.87E-05	2	1241.607	1.13	Salivary gland	2R:-:6487856-6487827	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_60763	AIVLASVAK	AGAP001587-PA	-	42	0.000176345	2	871.561	-0.18	Salivary gland	2R:-:6487826-6487800	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_65630	STNEIWNIFFGGR	AGAP001587-PA	-	106	3.65E-10	1	1540.756	1.08	Salivary gland	2R:-:6487361-6487323	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_65634	GFQNLIDAYGIASYR	AGAP001587-PA	-	106	4.32E-10	2	1687.848	2.25	Head	2R:-:6487547-6487503	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_66224	MVLNQTQDHR	AGAP001587-PA	-	49	0.000152442	2	1241.609	2.8	Malpighian tubule	2R:-:6487856-6487827	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_67872	GFQNLIDAYGIASYR	AGAP001587-PA	-	71	1.52E-06	2	1687.851	4.49	Visceras	2R:-:6487547-6487503	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_69601	LEKTENEILELSQNAVNLK	AGAP001587-PA	-	94	3.42E-09	1	2185.174	1.07	Ovary	2R:-:6488543-6488487	exon=> In CDS Exon 2 of transcript AGAP001587-PA

JHU_Ag_70146	TVFVAFFQGEQLK	AGAP001587-PA	-	38	0.001677716	1	1513.817	7.8	Larva	2R:-:6488012-6487974	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_70345	IIFLNSYK	AGAP001587-PA	-	41	0.00040047	2	997.574	1.88	Salivary gland	2R:-:6487097-6487074	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_70707	TVFVAFFQGEQLK	AGAP001587-PA	-	80	1.28E-07	2	1513.807	1.51	Ovary	2R:-:6488012-6487974	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_74686	TENEILELSQNAVNLK	AGAP001587-PA	-	119	1.63E-11	1	1814.952	1.47	Malpighian tubule	2R:-:6488534-6488487	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_77761	AIYHTLNLFNMDVTK	AGAP001587-PA	M11(Oxidation)	65	3.87E-06	1	1795.908	1.72	Salivary gland	2R:-:6487760-6487716	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_79269	FYEGLGYGFQPFSFK	AGAP001587-PA	-	50	0.000166389	2	1786.861	7.51	Malpighian tubule	2R:-:6486021-6485977	exon=> In CDS Exon 6 of transcript AGAP001587-PA
JHU_Ag_80414	EIIDLEAR	AGAP001587-PA	-	55	5.86E-05	2	958.520	-0.26	Salivary gland	2R:-:6488567-6488544	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_81790	ALSDGSAAVGSTIPSFLNVIDTNEAPPTYNR	AGAP001587-PA	-	32	0.007599506	1	3177.573	1.09	Ovary	2R:-:6487658-6487566	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_85174	AIYHTLNLFNMDVTKK	AGAP001587-PA	M11(Oxidation)	63	4.41E-06	1	1908.012	3.61	Malpighian tubule	2R:-:6487760-6487713	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_91025	TENEILELSQNAVNLK	AGAP001587-PA	-	122	7.24E-12	1	1814.954	2.42	Salivary gland	2R:-:6488534-6488487	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_92462	KFVSEVR	AGAP001587-PA	-	52	7.22E-05	1	864.495	1.55	Malpighian tubule	2R:-:6488702-6488682	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_92980	FYEGLGYGFQPFSFK	AGAP001587-PA	-	103	6.84E-10	1	1786.849	0.81	Salivary gland	2R:-:6486021-6485977	exon=> In CDS Exon 6 of transcript AGAP001587-PA
JHU_Ag_93057	SNLIAEDPTAAQSR	AGAP001587-PA	-	96	3.97E-09	1	1472.737	2.25	Salivary gland	2R:-:6488387-6488346	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_98402	GRLGFVAGVIQR	AGAP001587-PA	-	69	3.81E-07	1	1272.759	4.5	Malpighian tubule	2R:-:6488345-6488310	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_99182	DLNADVNAFQR	AGAP001587-PA	-	79	2.45E-07	1	1262.619	4.85	Malpighian tubule	2R:-:6488818-6488932,6488208-6488703	exon=> In CDS Exon 2 and 1 of transcript AGAP001587-PA
JHU_Ag_101029	GFQNLIDAYGIASYR	AGAP001587-PA	-	121	1.48E-11	1	1687.856	6.95	Malpighian tubule	2R:-:6487547-6487503	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_101998	IIFLNSYK	AGAP001587-PA	-	42	0.000361052	1	997.574	2.12	Malpighian tubule	2R:-:6487097-6487074	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_103748	YVEGEVKK	AGAP001587-PA	-	54	4.11E-05	1	951.518	3.42	Malpighian tubule	2R:-:6488651-6488628	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_105984	IIFLNSYK	AGAP001587-PA	-	32	0.003509873	2	997.576	4.57	Larva	2R:-:6487097-6487074	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_106390	ALSDGSAAVGSTIPSFLNVIDTNEAPPTYNR	AGAP001587-PA	-	76	2.84E-07	1	3177.575	1.66	Salivary gland	2R:-:6487658-6487566	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_107826	CLIGECWVPVPDLPK	AGAP001587-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	87	2.60E-08	1	1782.895	1.89	Salivary gland	2R:-:6487712-6487668	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_108801	ISRGNIFLR	AGAP001587-PA	-	35	0.001018943	1	1075.640	2.7	Malpighian tubule	2R:-:6488273-6488247	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_109489	QVELEEPLEDPATGNEIFK	AGAP001587-PA	-	130	1.55E-12	1	2158.059	1.74	Salivary gland	2R:-:6488246-6488732,6486654-6488013	exon=> In CDS Exon 3 and 2 of transcript AGAP001587-PA
JHU_Ag_110490	TVFVAFFQGEQLK	AGAP001587-PA	-	88	2.05E-08	1	1513.811	4.25	Salivary gland	2R:-:6488012-6487974	exon=> In CDS Exon 3 of transcript AGAP001587-PA
JHU_Ag_113445	TENEILELSQNAVNLK	AGAP001587-PA	-	81	1.05E-07	2	1814.953	2.02	Ovary	2R:-:6488534-6488487	exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_782	SNVQNLEATGGEAANDGKPLGFVAGVISR	AGAP001588-PA	-	195	3.14E-19	1	2871.466	2.26	Malpighian tubule	2R:-:6494678-6494592	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_1268	IVFVAFFQGEQLK	AGAP001588-PA	-	89	7.76E-09	2	1525.846	2.93	Visceras	2R:-:6493969-6493931	exon=> In CDS Exon 4 of transcript AGAP001588-PA

JHU_Ag_1566	AIYHTLNMFNVDVSK	AGAP001588-PA	M8(Oxidation)	101	1.17E-09	1	1767.879	3.16	Malpighian tubule	2R:-:6493645-6493601	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_1723	DLNTDINMFQR	AGAP001588-PA	M8(Oxidation)	85	4.34E-08	1	1366.641	-0.73	Salivary gland	2R:-:6495147-6495261,6494764-6495028	exon=> In CDS Exon 2 and 1 of transcript AGAP001588-PA
JHU_Ag_2705	GFQNLIESYGIATYR	AGAP001588-PA	Q3(Deamidated)	139	1.78E-13	2	1731.871	0.52	Midgut	2R:-:6493432-6493388	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_2893	IIGFER	AGAP001588-PA	-	38	0.001211318	2	734.420	0.51	Midgut	2R:-:6494585-6494568	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_3706	AIYHTLNMFNVDVSK	AGAP001588-PA	M8(Oxidation)	125	4.79E-12	1	1751.879	0.35	Salivary gland	2R:-:6493645-6493601	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_4413	VCAGYHASLYPCPNEYNER	AGAP001588-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	51	4.12E-05	1	2299.988	0.7	Salivary gland	2R:-:6493915-6493987,6492373-6493787	exon=> In CDS Exon 5 and 4 of transcript AGAP001588-PA
JHU_Ag_4485	DLNTDINMFQR	AGAP001588-PA	M8(Oxidation)	100	1.17E-09	1	1382.638	0.48	Malpighian tubule	2R:-:6495147-6495261,6494764-6495028	exon=> In CDS Exon 2 and 1 of transcript AGAP001588-PA
JHU_Ag_5660	AIYHTLNMFNVDVSKK	AGAP001588-PA	M8(Oxidation)	107	2.98E-10	1	1879.972	-1.01	Midgut	2R:-:6493645-6493598	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_6158	EIVKDSVAIPDMPEVIPR	AGAP001588-PA	M12(Oxidation)	95	2.28E-09	1	2008.089	5.39	Malpighian tubule	2R:-:6494964-6494911	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_8525	IVFVAFFQGEQLK	AGAP001588-PA	-	122	5.07E-12	1	1525.837	-2.99	Midgut	2R:-:6493969-6493931	exon=> In CDS Exon 4 of transcript AGAP001588-PA
JHU_Ag_11172	YTSEIR	AGAP001588-PA	-	38	0.001043116	2	768.391	3.41	Malpighian tubule	2R:-:6495024-6495007	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_16100	IIGFER	AGAP001588-PA	-	51	5.55E-05	2	734.422	3.67	Malpighian tubule	2R:-:6494585-6494568	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_16489	VCAGYHASLYPCPNEYNEREEMLR	AGAP001588-PA	C2(Carbamidomethyl), C12(Carbamidomethyl), M22(Oxidation),"C2(Carbamidomethyl), C12(Carbamidomethyl)"	77	1.39E-07	1	2958.297	0.14	Salivary gland	2R:-:6493915-6493987,6492373-6493772	exon=> In CDS Exon 5 and 4 of transcript AGAP001588-PA
JHU_Ag_17085	QATLEESLVDPK	AGAP001588-PA	-	73	6.84E-07	2	1329.688	-0.98	Midgut	2R:-:6494528-6494493	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_17753	KYTSEIR	AGAP001588-PA	-	37	0.001699883	2	896.484	0.95	Salivary gland	2R:-:6495027-6495007	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_17991	IVFVAFFQGEQLK	AGAP001588-PA	-	88	1.23E-08	1	1525.845	2.13	Salivary gland	2R:-:6493969-6493931	exon=> In CDS Exon 4 of transcript AGAP001588-PA
JHU_Ag_20551	SNVQNLEATGGEAANDGKPLGFVAGVISR	AGAP001588-PA	-	42	0.0006686	1	2871.471	3.79	Head	2R:-:6494678-6494592	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_22233	EVPNWEIIVK	AGAP001588-PA	-	55	2.67E-05	1	1226.682	3	Malpighian tubule	2R:-:6493684-6493655	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_22717	DLNTDINMFQR	AGAP001588-PA	M8(Oxidation),"N3(Deamidated), M8(Oxidation)"	89	1.52E-08	1	1382.637	-0.23	Midgut	2R:-:6495147-6495261,6494764-6495028	exon=> In CDS Exon 2 and 1 of transcript AGAP001588-PA
JHU_Ag_23573	DSVAIPDMPEVIPR	AGAP001588-PA	M8(Oxidation)	87	2.53E-08	1	1554.787	2.31	Salivary gland	2R:-:6494952-6494911	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_24130	SNVQNLEATGGEAANDGKPLGFVAGVISRER	AGAP001588-PA	-	142	5.94E-14	1	3156.621	5.6	Malpighian tubule	2R:-:6494678-6494586	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_25964	RCEEMER	AGAP001588-PA	C2(Carbamidomethyl)	43	0.000186666	1	1009.420	1.29	Salivary gland	2R:-:6495006-6494986	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_28971	GFQNLIESYGIATYR	AGAP001588-PA	-	48	0.000205259	2	1731.882	6.8	Larva	2R:-:6493432-6493388	exon=> In CDS Exon 5 of transcript AGAP001588-PA

JHU_Ag_29435	MVLGQTQDQR	AGAP001588-PA	M1(Oxidation)	85	5.88E-08	1	1175.587	2.39	Malpighian tubule	2R:-:6493741-6493712	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_29981	IVFVAFFQGEQLK	AGAP001588-PA	-	93	3.14E-09	2	1525.850	5.65	Larva	2R:-:6493969-6493931	exon=> In CDS Exon 4 of transcript AGAP001588-PA
JHU_Ag_31973	IVFVAFFQGEQLKAR	AGAP001588-PA	-	98	6.05E-10	1	1752.998	10.74	Malpighian tubule	2R:-:6493969-6493925	exon=> In CDS Exon 4 of transcript AGAP001588-PA
JHU_Ag_32474	VLLNVAK	AGAP001588-PA	-	35	0.001933272	2	756.498	0.09	Midgut	2R:-:6493705-6493685	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_32828	KIGYIR	AGAP001588-PA	-	28	0.00413364	2	749.468	1.44	Salivary gland	2R:-:6494985-6494968	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_34146	SNVQNLEATGGEAANDGKPLGFVAGVISR	AGAP001588-PA	-	123	5.50E-12	1	2871.463	1.17	Visceras	2R:-:6494678-6494592	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_35678	CLFGEAWVPTAGLQDVK	AGAP001588-PA	C1(Carbamidomethyl)	96	4.81E-09	1	1890.936	-3.23	Midgut	2R:-:6493597-6493547	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_35819	DSVAIPDMPEVIPR	AGAP001588-PA	M8(Oxidation)	49	0.000153499	1	1554.788	2.78	Head	2R:-:6494952-6494911	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_35876	EIIDLEAQLEK	AGAP001588-PA	-	88	2.36E-08	1	1300.700	-0.02	Midgut	2R:-:6494895-6494863	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_36938	NKEEIWQLFFGGR	AGAP001588-PA	-	82	9.50E-08	2	1623.830	1.38	Malpighian tubule	2R:-:6493252-6493214	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_37963	TALVNGSAAVGSAVPSFLNIIATDEDPPTYNK	AGAP001588-PA	N5(Deamidated)	52	5.38E-05	1	3233.630	2.6	Midgut	2R:-:6493546-6493451	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_41192	GFQNLIESYGIATYR	AGAP001588-PA	-	127	3.10E-12	1	1731.871	0.45	Malpighian tubule	2R:-:6493432-6493388	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_42669	SNVQNLEATGGEAANDGKPLGFVAGVISR	AGAP001588-PA	-	170	1.04E-16	1	2871.472	4.17	Larva	2R:-:6494678-6494592	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_43326	EVPNWEIIVK	AGAP001588-PA	-	51	6.33E-05	1	1226.681	2.3	Salivary gland	2R:-:6493684-6493655	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_48119	EIVKDSVAIPDMPEVIPR	AGAP001588-PA	M12(Oxidation)	80	8.41E-08	1	2008.079	0.4	Salivary gland	2R:-:6494964-6494911	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_54504	KCLFGEAWVPTAGLQDVK	AGAP001588-PA	C2(Carbamidomethyl)	77	3.05E-07	1	2019.042	2.38	Salivary gland	2R:-:6493600-6493547	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_54913	MVLGQTQDQRQR	AGAP001588-PA	M1(Oxidation)	61	1.25E-05	1	1475.740	1.3	Malpighian tubule	2R:-:6493741-6493706	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_55007	TPNSREIIDLEAQLEK	AGAP001588-PA	-	74	4.09E-07	1	1855.987	6.01	Malpighian tubule	2R:-:6494910-6494863	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_55028	TQVFFSDK	AGAP001588-PA	-	48	0.000135098	1	971.484	0.72	Malpighian tubule	2R:-:6494769-6495057,6494490-6494679	exon=> In CDS Exon 3 and 2 of transcript AGAP001588-PA
JHU_Ag_57170	IIGFER	AGAP001588-PA	-	39	0.000855037	1	734.421	2.26	Salivary gland	2R:-:6494585-6494568	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_60145	RCEEMER	AGAP001588-PA	C2(Carbamidomethyl)	43	0.0001795	1	1009.421	1.77	Malpighian tubule	2R:-:6495006-6494986	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_60268	VLLNVAK	AGAP001588-PA	-	42	0.000336739	2	756.501	3.56	Malpighian tubule	2R:-:6493705-6493685	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_64780	ERIIGFER	AGAP001588-PA	-	37	0.002726886	1	1019.565	1.53	Malpighian tubule	2R:-:6494591-6494568	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_64972	EVPNWEIIVKK	AGAP001588-PA	-	69	6.83E-07	1	1354.779	4.7	Malpighian tubule	2R:-:6493684-6493652	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_65875	TQVFFSDK	AGAP001588-PA	-	39	0.00108305	1	971.485	2.15	Salivary gland	2R:-:6494769-6495057,6494490-6494679	exon=> In CDS Exon 3 and 2 of transcript AGAP001588-PA
JHU_Ag_68053	VLLNVAK	AGAP001588-PA	-	37	0.001233937	2	756.498	-0.07	Salivary gland	2R:-:6493705-6493685	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_68349	QATLEESLVDPK	AGAP001588-PA	-	87	3.24E-08	2	1329.694	2.97	Malpighian tubule	2R:-:6494528-6494493	exon=> In CDS Exon 3 of transcript AGAP001588-PA

JHU_Ag_68873	EIVKDSVAIPDMPEVIPR	AGAP001588-PA	M12(Oxidation)	82	6.13E-08	1	2024.070	-1.73	Midgut	2R:-:6494964-6494911	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_71105	MVLGQTQDQR	AGAP001588-PA	M1(Oxidation)	73	9.07E-07	1	1175.586	2.28	Salivary gland	2R:-:6493741-6493712	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_71335	SEEMSMVQLLIQPEAAYQSVAELGELGIAQFR	AGAP001588-PA	M4(Oxidation), M6(Oxidation)	82	8.36E-08	1	3569.755	1.28	Malpighian tubule	2R:-:6495243-6495148	exon=> In CDS Exon 1 of transcript AGAP001588-PA
JHU_Ag_72265	TALVNGSAAVGSAVPSFLNIIATDEDPPTYNK	AGAP001588-PA	N5(Deamidated)	97	1.65E-09	1	3233.632	3.26	Malpighian tubule	2R:-:6493546-6493451	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_73354	QATLEESLVDPKTGDSVHK	AGAP001588-PA	-	57	2.36E-05	1	2054.048	4.01	Malpighian tubule	2R:-:6494528-6494696,6493905-6493970	exon=> In CDS Exon 4 and 3 of transcript AGAP001588-PA
JHU_Ag_74087	KVCAGYHASLYPCPNEYNER	AGAP001588-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	90	1.06E-08	1	2428.085	1.54	Salivary gland	2R:-:6493918-6493987,6492373-6493787	exon=> In CDS Exon 5 and 4 of transcript AGAP001588-PA
JHU_Ag_74274	CLFGEAWVPTAGLQDVK	AGAP001588-PA	C1(Carbamidomethyl)	111	1.33E-10	1	1890.946	2.32	Salivary gland	2R:-:6493597-6493547	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_76103	SNVQNLEATGGEAANDGKPLGFVAGVISR	AGAP001588-PA	-	198	1.65E-19	1	2871.466	2.13	Salivary gland	2R:-:6494678-6494592	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_77231	IEDLKMVLGQTQDQR	AGAP001588-PA	M6(Oxidation)	77	2.61E-07	1	1789.921	5.62	Malpighian tubule	2R:-:6493756-6493712	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_77763	DSVAIPDMPEVIPR	AGAP001588-PA	M8(Oxidation)	50	0.000124682	1	1554.791	4.98	Malpighian tubule	2R:-:6494952-6494911	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_80184	IIFLNSFK	AGAP001588-PA	-	48	5.95E-05	1	981.578	1.45	Midgut	2R:-:6492991-6492968	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_80283	AIYHTLNMFNVDVSK	AGAP001588-PA	M8(Oxidation),N10(Deamidated)	112	8.72E-11	1	1767.871	-1.26	Midgut	2R:-:6493645-6493601	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_80743	IIFLNSFK	AGAP001588-PA	N5(Deamidated)	31	0.003542006	2	981.579	2.12	Salivary gland	2R:-:6492991-6492968	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_83073	MVLGQTQDQR	AGAP001588-PA	M1(Oxidation)	75	6.07E-07	1	1175.583	-0.42	Midgut	2R:-:6493741-6493712	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_83827	NKEEIWQLFFGGR	AGAP001588-PA	-	70	1.35E-06	2	1623.833	3.26	Salivary gland	2R:-:6493252-6493214	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_84876	VCAGYHASLYPCPNEYNER	AGAP001588-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	72	3.83E-07	1	2299.986	0.06	Malpighian tubule	2R:-:6493915-6493987,6492373-6493787	exon=> In CDS Exon 5 and 4 of transcript AGAP001588-PA
JHU_Ag_85282	KYTSEIR	AGAP001588-PA	-	45	0.00022516	2	896.487	3.2	Malpighian tubule	2R:-:6495027-6495007	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_87778	GFQNLIESYGIATYR	AGAP001588-PA	-	120	1.43E-11	1	1731.873	1.51	Salivary gland	2R:-:6493432-6493388	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_87836	TENEIVELSENNNALLQNFMELTELKHVLEK	AGAP001588-PA	M20(Oxidation)	106	1.84E-10	1	3657.851	5.31	Malpighian tubule	2R:-:6494862-6494770	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_91923	EIIDLEAQLEK	AGAP001588-PA	-	81	1.17E-07	1	1300.700	0.26	Malpighian tubule	2R:-:6494895-6494863	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_93876	KIGYIR	AGAP001588-PA	-	42	0.000156435	2	749.469	2.66	Malpighian tubule	2R:-:6494985-6494968	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_94756	VSRGNIFLR	AGAP001588-PA	-	37	0.000776363	1	1061.623	1.12	Malpighian tubule	2R:-:6494555-6494529	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_95935	DSVAIPDMPEVIPR	AGAP001588-PA	M8(Oxidation)	57	2.66E-05	2	1554.785	0.98	Midgut	2R:-:6494952-6494911	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_96072	IIFLNSFK	AGAP001588-PA	-	47	8.75E-05	1	981.578	1.07	Malpighian tubule	2R:-:6492991-6492968	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_97564	SNVQNLEATGGEAANDGKPLGFVAGVISR	AGAP001588-PA	N15(Deamidated)	188	1.69E-18	1	2871.456	-1.38	Midgut	2R:-:6494678-6494592	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_98801	CLFGEAWVPTAGLQDVK	AGAP001588-PA	C1(Carbamidomethyl)	119	2.07E-11	1	1890.946	2.06	Malpighian tubule	2R:-:6493597-6493547	exon=> In CDS Exon 5 of transcript AGAP001588-PA

JHU_Ag_98964	IVFVAFFQGEQLK	AGAP001588-PA	-	122	5.00E-12	1	1525.845	2.13	Malpighian tubule	2R:-:6493969-6493931	exon=> In CDS Exon 4 of transcript AGAP001588-PA
JHU_Ag_101122	GFQNLIESYGIATYR	AGAP001588-PA	-	111	1.18E-10	1	1731.875	2.78	Visceras	2R:-:6493432-6493388	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_102832	TALVNGSAAVGSAVPSFLNIIATDEDPPTYNKTNK	AGAP001588-PA	-	69	8.59E-07	1	3575.854	8.65	Malpighian tubule	2R:-:6493546-6493442	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_105059	TENEIVELSENNNALLQNFMELTELK	AGAP001588-PA	M20(Oxidation)	132	9.14E-13	1	3051.488	1.8	Malpighian tubule	2R:-:6494862-6494785	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_106807	VKAIYHTLNMFNVDVSK	AGAP001588-PA	M10(Oxidation)	38	0.001678804	1	1995.045	4.26	Malpighian tubule	2R:-:6493651-6493601	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_109051	AIYHTLNMFNVDVSKK	AGAP001588-PA	M8(Oxidation)	103	5.95E-10	1	1879.982	4.25	Malpighian tubule	2R:-:6493645-6493598	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_109160	TGDSVHKIVFVAFFQGEQLK	AGAP001588-PA	-	73	3.31E-07	1	2250.204	5.39	Malpighian tubule	2R:-:6494492-6494696,6493905-6493931	exon=> In CDS Exon 4 and 3 of transcript AGAP001588-PA
JHU_Ag_109255	TQVFFSDKSNVQNLEATGGEAANDGKPLGFVAGVISR	AGAP001588-PA	-	169	7.84E-17	1	3823.945	5.07	Malpighian tubule	2R:-:6494769-6495057,6494490-6494592	exon=> In CDS Exon 3 and 2 of transcript AGAP001588-PA
JHU_Ag_110932	TENEIVELSENNNALLQNFMELTELK	AGAP001588-PA	M20(Oxidation)	133	7.10E-13	1	3051.485	0.66	Midgut	2R:-:6494862-6494785	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_112438	EVPNWEIIVK	AGAP001588-PA	-	35	0.002322453	2	1226.678	-0.19	Midgut	2R:-:6493684-6493655	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_112778	VCAGYHASLYPCPNEYNEREEMLR	AGAP001588-PA	C2(Carbamidomethyl), C12(Carbamidomethyl), M22(Oxidation),"C2(Carbamidomethyl), C12(Carbamidomethyl)"	109	1.01E-10	1	2974.298	2.16	Malpighian tubule	2R:-:6493915-6493987,6492373-6493772	exon=> In CDS Exon 5 and 4 of transcript AGAP001588-PA
JHU_Ag_115408	VLLNVAKEVPNWEIIVK	AGAP001588-PA	-	48	5.07E-06	1	1964.171	6.64	Malpighian tubule	2R:-:6493705-6493655	exon=> In CDS Exon 5 of transcript AGAP001588-PA
JHU_Ag_116309	QATLEESLVDPK	AGAP001588-PA	-	57	3.09E-05	1	1329.693	2.51	Salivary gland	2R:-:6494528-6494493	exon=> In CDS Exon 3 of transcript AGAP001588-PA
JHU_Ag_116914	TQVFFSDK	AGAP001588-PA	-	48	0.000156129	1	971.484	0.4	Midgut	2R:-:6494769-6495057,6494490-6494679	exon=> In CDS Exon 3 and 2 of transcript AGAP001588-PA
JHU_Ag_117454	EIIDLEAQLEK	AGAP001588-PA	-	77	2.93E-07	1	1300.702	1.85	Salivary gland	2R:-:6494895-6494863	exon=> In CDS Exon 2 of transcript AGAP001588-PA
JHU_Ag_8909	GNIFLR	AGAP001588-PA,AGAP001587-PA	-	39	0.001042019	2	719.419	-0.61	Midgut	2R:-:6494546-6494529;2R:-:6488264-6488247	exon=> In CDS Exon 3 of transcript AGAP001588-PA;exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_66728	GNIFLR	AGAP001588-PA,AGAP001587-PA	-	36	0.002507509	2	719.421	1.51	Salivary gland	2R:-:6494546-6494529;2R:-:6488264-6488247	exon=> In CDS Exon 3 of transcript AGAP001588-PA;exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_71664	GNIFLR	AGAP001588-PA,AGAP001587-PA	-	39	0.001135645	2	719.422	2.95	Malpighian tubule	2R:-:6494546-6494529;2R:-:6488264-6488247	exon=> In CDS Exon 3 of transcript AGAP001588-PA;exon=> In CDS Exon 2 of transcript AGAP001587-PA
JHU_Ag_3662	FYEGLGYAFKPFSFK	AGAP001588-PA,AGAP012818-PA	-	105	5.36E-10	1	1800.892	-4.3	Midgut	2R:-:6492036-6491992;UNKN:+:31395617-31395661	exon=> In CDS Exon 7 of transcript AGAP001588-PA;exon=> In CDS Exon 3 of transcript AGAP012818-PA

JHU_Ag_67364	FYEGLGYAFKPFSFK	AGAP001588-PA,AGAP012818-PA	-	80	1.35E-07	1	1800.915	8.65	Larva	2R:-:6492036-6491992;UNKN:+:31395617-31395661	exon=> In CDS Exon 7 of transcript AGAP001588-PA;exon=> In CDS Exon 3 of transcript AGAP012818-PA
JHU_Ag_91306	AILEEEEAD	AGAP001588-PA,AGAP012818-PA	-	38	0.000952533	2	1018.457	-0.54	Malpighian tubule	2R:-:6491991-6491965;UNKN:+:31395662-31395688	exon=> In CDS Exon 7 of transcript AGAP001588-PA;exon=> In CDS Exon 3 of transcript AGAP012818-PA
JHU_Ag_92192	NQEPLDTCK	AGAP001588-PA,AGAP012818-PA	C8(Carbamidomethyl)	47	0.00018106	1	1104.501	1.35	Salivary gland	2R:-:6492700-6492674;UNKN:+:31394953-31394979	exon=> In CDS Exon 5 of transcript AGAP001588-PA;exon=> In CDS Exon 1 of transcript AGAP012818-PA
JHU_Ag_94847	AILEEEEAD	AGAP001588-PA,AGAP012818-PA	-	34	0.00275914	1	1018.460	2.11	Midgut	2R:-:6491991-6491965;UNKN:+:31395662-31395688	exon=> In CDS Exon 7 of transcript AGAP001588-PA;exon=> In CDS Exon 3 of transcript AGAP012818-PA
JHU_Ag_100823	NQEPLDTCK	AGAP001588-PA,AGAP012818-PA	C8(Carbamidomethyl)	46	0.000249136	1	1104.501	1.79	Malpighian tubule	2R:-:6492700-6492674;UNKN:+:31394953-31394979	exon=> In CDS Exon 5 of transcript AGAP001588-PA;exon=> In CDS Exon 1 of transcript AGAP012818-PA
JHU_Ag_101945	FYEGLGYAFKPFSFK	AGAP001588-PA,AGAP012818-PA	-	91	1.26E-08	1	1800.903	2.14	Salivary gland	2R:-:6492036-6491992;UNKN:+:31395617-31395661	exon=> In CDS Exon 7 of transcript AGAP001588-PA;exon=> In CDS Exon 3 of transcript AGAP012818-PA
JHU_Ag_114649	FYEGLGYAFKPFSFK	AGAP001588-PA,AGAP012818-PA	-	96	3.89E-09	1	1800.898	-0.84	Malpighian tubule	2R:-:6492036-6491992;UNKN:+:31395617-31395661	exon=> In CDS Exon 7 of transcript AGAP001588-PA;exon=> In CDS Exon 3 of transcript AGAP012818-PA
JHU_Ag_9655	LHWVEFMSK	AGAP001588-PA,AGAP012818-PA,AGAP001587-PA	M7(Oxidation)	75	5.60E-07	1	1176.590	2.43	Malpighian tubule	2R:-:6492140-6492304,6491962-6492037;UNKN:+:31395513-31395520,31395598-31395616;2R:-:6486122-6486286,6485944-6486022	exon=> In CDS Exon 7 and 6 of transcript AGAP001588-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP012818-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP001587-PA
JHU_Ag_12246	LHWVEFMSK	AGAP001588-PA,AGAP012818-PA,AGAP001587-PA	M7(Oxidation)	52	9.48E-05	1	1192.582	-0.34	Midgut	2R:-:6492140-6492304,6491962-6492037;UNKN:+:31395513-31395520,31395598-31395616;2R:-:6486122-6486286,6485944-6486022	exon=> In CDS Exon 7 and 6 of transcript AGAP001588-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP012818-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP001587-PA
JHU_Ag_40956	LHWVEFMSK	AGAP001588-PA,AGAP012818-PA,AGAP001587-PA	M7(Oxidation)	75	5.69E-07	1	1176.590	2.2	Salivary gland	2R:-:6492140-6492304,6491962-6492037;UNKN:+:31395513-31395520,31395598-31395616;2R:-:6486122-6486286,6485944-6486022	exon=> In CDS Exon 7 and 6 of transcript AGAP001588-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP012818-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP001587-PA

JHU_Ag_83	SGQLQILDQLLLPAESK	AGAP001589-PA	-	49	4.36E-05	2	1853.039	0.56	Male reproductive organs	2R:-:6498199-6498149	exon=> In CDS Exon 1 of transcript AGAP001589-PA
JHU_Ag_1439	AIGDNGANVLVK	AGAP001589-PA	-	41	0.000568933	2	1170.648	0.08	Male reproductive organs	2R:-:6497672-6497637	exon=> In CDS Exon 3 of transcript AGAP001589-PA
JHU_Ag_2831	IGTYQMAVVAK	AGAP001589-PA	M6(Oxidation)	56	2.55E-05	2	1196.632	-1.61	Male reproductive organs	2R:-:6497203-6497171	exon=> In CDS Exon 5 of transcript AGAP001589-PA
JHU_Ag_5783	HHGVPFYVAAPFTSIDVAIEDGSHIK	AGAP001589-PA	-	40	0.000948032	1	2807.437	7.63	Ovary	2R:-:6497170-6497093	exon=> In CDS Exon 5 of transcript AGAP001589-PA
JHU_Ag_20563	TLEAIKYK	AGAP001589-PA	N-Term(Acetyl)	44	0.00026356	1	1007.578	0.96	Malpighian tubule	2R:-:6498223-6498200	exon=> In CDS Exon 1 of transcript AGAP001589-PA
JHU_Ag_24113	AIGDNGANVLVK	AGAP001589-PA	-	53	4.58E-05	2	1170.647	-0.86	Malpighian tubule	2R:-:6497672-6497637	exon=> In CDS Exon 3 of transcript AGAP001589-PA
JHU_Ag_26454	IEERPEHELTHIGGQR	AGAP001589-PA	-	71	9.20E-07	1	1900.970	3.96	Ovary	2R:-:6497092-6497045	exon=> In CDS Exon 5 of transcript AGAP001589-PA
JHU_Ag_28202	IEERPEHELTHIGGQR	AGAP001589-PA	-	79	1.62E-07	1	1900.955	-3.94	Head	2R:-:6497092-6497045	exon=> In CDS Exon 5 of transcript AGAP001589-PA
JHU_Ag_30215	LLTHCNTGSLATAGYGTALGVIR	AGAP001589-PA	C5(Carbamidomethyl)	73	5.05E-07	1	2346.230	2.81	Ovary	2R:-:6497615-6497724,6497464-6497489	exon=> In CDS Exon 4 and 3 of transcript AGAP001589-PA
JHU_Ag_31088	AIGDNGANVLVK	AGAP001589-PA	-	92	4.66E-09	1	1170.645	-2.21	Ovary	2R:-:6497672-6497637	exon=> In CDS Exon 3 of transcript AGAP001589-PA
JHU_Ag_31201	SGQLQILDQLLLPAESK	AGAP001589-PA	-	59	4.40E-06	1	1853.037	-0.69	Ovary	2R:-:6498199-6498149	exon=> In CDS Exon 1 of transcript AGAP001589-PA
JHU_Ag_34222	TLEAIK	AGAP001589-PA	N-Term(Acetyl)	40	0.001254463	1	716.419	-0.3	Male reproductive organs	2R:-:6498223-6498206	exon=> In CDS Exon 1 of transcript AGAP001589-PA
JHU_Ag_44801	AALANEIGEHLQYLVTSRPTAVNLK	AGAP001589-PA	-	88	5.13E-09	1	2708.483	3.61	Malpighian tubule	2R:-:6497944-6497870	exon=> In CDS Exon 2 of transcript AGAP001589-PA
JHU_Ag_59763	IEERPEHELTHIGGQR	AGAP001589-PA	-	81	1.05E-07	1	1900.968	2.99	Malpighian tubule	2R:-:6497092-6497045	exon=> In CDS Exon 5 of transcript AGAP001589-PA
JHU_Ag_64880	IAAPGIGCWNPAFDVTPAELITGIITER	AGAP001589-PA	C8(Carbamidomethyl)	103	4.24E-10	1	2982.537	-0.9	Ovary	2R:-:6497044-6496961	exon=> In CDS Exon 5 of transcript AGAP001589-PA
JHU_Ag_87719	AALANEIGEHLQYLVTSRPTAVNLK	AGAP001589-PA	-	76	9.12E-08	1	2708.483	3.76	Salivary gland	2R:-:6497944-6497870	exon=> In CDS Exon 2 of transcript AGAP001589-PA
JHU_Ag_105222	NLLEHVYCTETRPYNQGAR	AGAP001589-PA	C8(Carbamidomethyl)	69	2.13E-06	1	2321.115	2.51	Salivary gland	2R:-:6497473-6497516,6496913-6497351	exon=> In CDS Exon 5 and 4 of transcript AGAP001589-PA
JHU_Ag_114709	IGTYQMAVVAK	AGAP001589-PA	M6(Oxidation)	66	2.52E-06	1	1196.634	-0.7	Ovary	2R:-:6497203-6497171	exon=> In CDS Exon 5 of transcript AGAP001589-PA
JHU_Ag_116727	AALANEIGEHLQYLVTSRPTAVNLK	AGAP001589-PA	-	144	1.53E-14	1	2708.471	-0.92	Ovary	2R:-:6497944-6497870	exon=> In CDS Exon 2 of transcript AGAP001589-PA
JHU_Ag_97615	QLDNIK	AGAP001592-PA,AGAP001592-PB,AGAP012824-PA	Q1(Deamidated), N4(Deamidated)	40	0.002926333	1	732.381	4.75	Larva	2R:-:6528647-6528630;2R:-:6528647-6528630;UNKN:-:31791206-31791189	exon=> In CDS Exon 5 of transcript AGAP001592-PA;exon=> In CDS Exon 4 of transcript AGAP001592-PB;exon=> In CDS Exon 2 of transcript AGAP012824-PA
JHU_Ag_23689	YGLNICR	AGAP001595-PA	C6(Carbamidomethyl)	35	0.003733176	2	895.447	1.17	Visceras	2R:-:6560631-6560611	exon=> In CDS Exon 2 of transcript AGAP001595-PA
JHU_Ag_32070	YGLNICR	AGAP001595-PA	C6(Carbamidomethyl)	46	0.000297429	2	895.445	-0.67	Head	2R:-:6560631-6560611	exon=> In CDS Exon 2 of transcript AGAP001595-PA
JHU_Ag_47849	GFANLWYSHPR	AGAP001595-PA	-	41	0.001467182	1	1347.660	0.28	Midgut	2R:-:6560896-6560864	exon=> In CDS Exon 1 of transcript AGAP001595-PA
JHU_Ag_50095	GFANLWYSHPR	AGAP001595-PA	-	75	5.05E-07	1	1347.663	2.92	Ovary	2R:-:6560896-6560864	exon=> In CDS Exon 1 of transcript AGAP001595-PA
JHU_Ag_53443	EYAKDIGFR	AGAP001595-PA	-	61	1.01E-05	1	1098.559	0.69	Malpighian tubule	2R:-:6560598-6560572	exon=> In CDS Exon 2 of transcript AGAP001595-PA

JHU_Ag_57421	GFANLWYSHPR	AGAP001595-PA	N-Term(Acetyl), N4(Deamidated)	34	0.006467 41	1	1390.672	12.78	Ovary	2R:-:6560896-6560864	exon=> In CDS Exon 1 of transcript AGAP001595-PA
JHU_Ag_67685	YGLNICR	AGAP001595-PA	C6(Carbamidomethyl)	30	0.011201 466	2	895.442	-3.74	Midgut	2R:-:6560631-6560611	exon=> In CDS Exon 2 of transcript AGAP001595-PA
JHU_Ag_71178	GFANLWYSHPR	AGAP001595-PA	-	45	0.000461 162	1	1347.661	1.37	Visceras	2R:-:6560896-6560864	exon=> In CDS Exon 1 of transcript AGAP001595-PA
JHU_Ag_88167	GFANLWYSHPRK	AGAP001595-PA	-	40	0.001871 537	1	1475.757	1.71	Malpighian tubule	2R:-:6560896-6560861	exon=> In CDS Exon 1 of transcript AGAP001595-PA
JHU_Ag_111192	KYGLNICR	AGAP001595-PA	C7(Carbamidomethyl)	46	0.000259 361	2	1023.543	2.63	Malpighian tubule	2R:-:6560634-6560611	exon=> In CDS Exon 2 of transcript AGAP001595-PA
JHU_Ag_111367	GFANLWYSHPR	AGAP001595-PA	-	65	5.54E-06	1	1347.663	2.74	Malpighian tubule	2R:-:6560896-6560864	exon=> In CDS Exon 1 of transcript AGAP001595-PA
JHU_Ag_113513	YGLNICR	AGAP001595-PA	C6(Carbamidomethyl)	51	8.02E-05	2	895.446	0.08	Malpighian tubule	2R:-:6560631-6560611	exon=> In CDS Exon 2 of transcript AGAP001595-PA
JHU_Ag_12719	FLDEVEQLR	AGAP001600-PA	-	35	0.005013 12	1	1148.593	-1.82	Malpighian tubule	2R:-:6632857-6632831	exon=> In CDS Exon 1 of transcript AGAP001600-PA
JHU_Ag_69046	FEETNTVSTR	AGAP001600-PA,AGAP001601-PA	-	65	3.85E-06	1	1183.561	1.76	Malpighian tubule	2R:-:6633313-6633284;2R:+:6634713-6634742	exon=> In CDS Exon 1 of transcript AGAP001600-PA;exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_14118	VGPLDIDVFER	AGAP001601-PA	-	91	1.46E-08	1	1259.666	2.06	Malpighian tubule	2R:+:6636135-6636167	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_17773	IGIIGVIHHATDTLSMTDR	AGAP001601-PA	M16(Oxidation)	93	5.42E-09	1	2066.075	2.21	Midgut	2R:+:6635106-6635162	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_21581	VLIVQAGSFTK	AGAP001601-PA	-	89	3.76E-09	1	1162.683	0.16	Malpighian tubule	2R:+:6635418-6635450	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_26202	SDDPLYPLTIIHLNDFHAR	AGAP001601-PA	-	79	1.84E-07	1	2237.137	0.82	Malpighian tubule	2R:+:6634656-6634712	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_61130	YEPLDVNATYR	AGAP001601-PA	-	63	6.84E-06	1	1340.649	0.98	Malpighian tubule	2R:+:6636027-6636059	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_63389	TQVDALAVRPVGVSR	AGAP001601-PA	-	55	1.21E-05	1	1567.891	-0.18	Malpighian tubule	2R:+:6635580-6635624	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_65855	GQYLLDALEYSASR	AGAP001601-PA	-	114	5.93E-11	1	1585.784	-0.94	Malpighian tubule	2R:+:6635865-6635906	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_68265	FLDEVQCINQEATALK	AGAP001601-PA	C7(Carbamidomethyl)	103	7.33E-10	1	1878.934	3.71	Malpighian tubule	2R:+:6635169-6635216	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_69924	IGIIGVIHHATDTLSMTDR	AGAP001601-PA	M16(Oxidation)	61	9.96E-06	1	2066.077	3.54	Malpighian tubule	2R:+:6635106-6635162	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_87456	YDTADVLQFAGLR	AGAP001601-PA	-	82	7.53E-08	1	1468.743	0.14	Malpighian tubule	2R:+:6635907-6635945	exon=> In CDS Exon 1 of transcript AGAP001601-PA
JHU_Ag_13234	REAAER	AGAP001602-PA	-	36	0.003953 631	2	731.390	14.75	Head	2R:+:6642607-6642624	exon=> In CDS Exon 3 of transcript AGAP001602-PA
JHU_Ag_9849	YLGYANEIGEAFRPVIK	AGAP001603-PA	-	41	0.000678 299	1	1940.033	2.82	Visceras	2R:-:6645676-6645721,6645419-6645503	exon=> In CDS Exon 2 and 1 of transcript AGAP001603-PA
JHU_Ag_66314	KQYDKPEILGGGFR	AGAP001603-PA	-	38	0.001946 592	1	1607.856	1.11	Male reproductive organs	2R:-:6645430-6645546,6645232-6645312	exon=> In CDS Exon 3 and 2 of transcript AGAP001603-PA
JHU_Ag_88461	SITEKDLYR	AGAP001603-PA	N-Term(Acetyl)	59	1.45E-05	1	1166.606	0.47	Visceras	2R:-:6645718-6645692	exon=> In CDS Exon 1 of transcript AGAP001603-PA
JHU_Ag_100673	SITEKDLYR	AGAP001603-PA	N-Term(Acetyl)	59	1.75E-05	1	1166.604	-0.79	Male reproductive organs	2R:-:6645718-6645692	exon=> In CDS Exon 1 of transcript AGAP001603-PA
JHU_Ag_594	TAVQVGPGDIFSMKTPGGGGYGVPLDDDDGPRPTLSDQQQQR	AGAP001606-PA	M13(Oxidation)	158	1.31E-15	1	4373.094	4.52	Malpighian tubule	2R:+:6687578-6687703	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_1012	GSVYEYR	AGAP001606-PA	-	30	0.006279 331	1	873.412	2.05	Malpighian tubule	2R:+:6687764-6687784	exon=> In CDS Exon 2 of transcript AGAP001606-PA

JHU_Ag_5140	KPMTLSVLTER	AGAP001606-PA	M3(Oxidation)	46	0.000223874	1	1290.705	-2.46	Head	2R:+:6687425-6687457	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_5346	TTVAYFEEGSGQAPPGR	AGAP001606-PA	-	92	1.03E-08	2	1766.844	5.62	Malpighian tubule	2R:+:6685814-6685864	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_6151	AILSGPAGGVVGYAVTGMR	AGAP001606-PA	M18(Oxidation)	145	3.18E-14	1	1791.952	5.46	Malpighian tubule	2R:+:6684638-6684694	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_6805	LVTPVYDCAK	AGAP001606-PA	C8(Carbamidomethyl)	41	0.001274583	2	1165.597	4.29	Malpighian tubule	2R:+:6685865-6685894	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_15372	VANEAMCRPIR	AGAP001606-PA	C7(Carbamidomethyl)	41	0.001485433	1	1316.661	3.77	Malpighian tubule	2R:+:6685193-6685225	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_16214	YGHRVDGPAILIDR	AGAP001606-PA	-	72	5.52E-07	1	1581.856	3.88	Malpighian tubule	2R:+:6685901-6685942	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_16915	NLSDNLSDLR	AGAP001606-PA	-	68	2.81E-06	1	1146.576	0.86	Malpighian tubule	2R:+:6686603-6686632	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_25432	ILVDDIRVR	AGAP001606-PA	-	33	0.002143939	3	1098.666	3.05	Malpighian tubule	2R:+:6685715-6685741	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_28312	HGSAVCDFTGTGPEVSGNCNAPR	AGAP001606-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	86	1.37E-08	1	2390.028	1.15	Malpighian tubule	2R:+:6686876-6686944	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_28980	LTRPAPGVPGAAGTR	AGAP001606-PA	-	52	2.39E-05	1	1420.804	1.49	Head	2R:+:6686558-6686602	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_31403	ILQQETGR	AGAP001606-PA	-	49	0.000213452	1	944.515	-0.62	Malpighian tubule	2R:+:6683487-6683510	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_32525	VDGPAILIDR	AGAP001606-PA	-	82	3.04E-08	2	1068.607	1.88	Malpighian tubule	2R:+:6685913-6685942	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_33298	MGTTVATNALLER	AGAP001606-PA	M1(Oxidation)	83	6.92E-08	2	1392.723	5.81	Malpighian tubule	2R:+:6683562-6683600	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_36283	VDERLDAVQLSIFNHR	AGAP001606-PA	-	94	3.88E-09	1	1912.001	-1.56	Malpighian tubule	2R:+:6686042-6686089	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_36311	YPIVLR	AGAP001606-PA	-	34	0.001254185	2	760.473	1.28	Malpighian tubule	2R:+:6687323-6687340	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_36778	ASLFTEPDIAEATGPIYPEKTTVAYFEEGSGQAPPGR	AGAP001606-PA	-	96	2.67E-09	1	3896.905	4.64	Malpighian tubule	2R:+:6685754-6685864	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_38585	LSTIVIEPGSR	AGAP001606-PA	-	49	0.000118968	1	1171.668	-0.24	Malpighian tubule	2R:+:6685943-6685975	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_41327	MEINEHLASAGEEAGGGPLSLEQVAMGFVR	AGAP001606-PA	M1(Oxidation), M26(Oxidation)	136	3.33E-13	1	3131.473	-1.29	Malpighian tubule	2R:+:6685103-6685192	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_42675	LLSVDPANYPDAPTEGIR	AGAP001606-PA	-	100	1.56E-09	1	1927.977	0.6	Malpighian tubule	2R:+:6683430-6683483	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_44329	KPMTLSVLTER	AGAP001606-PA	M3(Oxidation)	45	0.00027815	2	1290.711	1.51	Malpighian tubule	2R:+:6687425-6687457	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_44636	EVIEIDAR	AGAP001606-PA	-	35	0.004693726	2	944.506	0.99	Malpighian tubule	2R:+:6684158-6684181	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_45154	RGDLTIEIGTGAAARPR	AGAP001606-PA	-	42	0.000296957	3	1753.974	3.98	Malpighian tubule	2R:+:6685991-6686041	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_46230	KGGPLTVTDANLILGR	AGAP001606-PA	-	104	9.06E-11	1	1624.947	5.48	Malpighian tubule	2R:+:6684962-6685009	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_46386	YNFAIDR	AGAP001606-PA	-	32	0.006104291	2	898.444	1.96	Head	2R:+:6683349-6683369	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_50249	LTRPAPGVPGAAGTR	AGAP001606-PA	-	78	6.27E-08	1	1420.806	2.86	Malpighian tubule	2R:+:6686558-6686602	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_51156	TGSAVLEAEQQMDDGTPIR	AGAP001606-PA	M12(Oxidation)	128	2.17E-12	1	2017.955	2.43	Malpighian tubule	2R:+:6686795-6686851	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_51324	SEFGFVLEGR	AGAP001606-PA	-	51	9.77E-05	1	1140.568	-0.58	Malpighian tubule	2R:+:6685682-6685711	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_51739	SGLFVVGPESAGAHPGPTCYRK	AGAP001606-PA	C19(Carbamidomethyl)	72	1.02E-06	1	2287.140	4.68	Malpighian tubule	2R:+:6684899-6684964	exon=> In CDS Exon 2 of transcript AGAP001606-PA

JHU_Ag_52212	HVLACFGGAGGQHACSIAR	AGAP001606-PA	C5(Carbamidomethyl), C15(Carbamidomethyl)	130	1.39E-12	1	1968.935	3.77	Malpighian tubule	2R:+:6685262-6685318	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_53502	FMSIAEQMGR	AGAP001606-PA	M2(Oxidation), M8(Oxidation)	45	0.000139783	1	1201.535	1.14	Malpighian tubule	2R:+:6686090-6686119	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_53683	AGDPVALIVNR	AGAP001606-PA	-	71	3.49E-07	1	1124.644	1.7	Malpighian tubule	2R:+:6683601-6683633	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_55150	IDERHGSAVCDFTGTGPEVSGNCNAPR	AGAP001606-PA	C10(Carbamidomethyl), C23(Carbamidomethyl)	48	0.000124594	1	2903.293	4.63	Malpighian tubule	2R:+:6686864-6686944	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_57016	MEAGKYNFAIDR	AGAP001606-PA	N-Term(Acetyl)	56	3.63E-05	1	1456.700	7.39	Malpighian tubule	2R:+:6683334-6683369	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_57123	AITLSALIYCLR	AGAP001606-PA	C10(Carbamidomethyl)	96	9.51E-10	2	1393.796	6.07	Malpighian tubule	2R:+:6686945-6686980	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_57736	TPGGGGYGVPLDDDDGPRPTLSDQQQQR	AGAP001606-PA	-	161	1.22E-15	1	2926.361	1.66	Malpighian tubule	2R:+:6687620-6687703	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_63371	LTGAADSTYLEMVPLDEQDLR	AGAP001606-PA	M12(Oxidation)	82	8.88E-08	1	2353.127	1.82	Malpighian tubule	2R:+:6684242-6684304	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_66242	YNFAIDR	AGAP001606-PA	-	44	0.000356306	2	898.444	2.02	Malpighian tubule	2R:+:6683349-6683369	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_66526	GADVLFMQSDGGLTR	AGAP001606-PA	M7(Oxidation)	121	1.39E-11	1	1582.753	-0.06	Malpighian tubule	2R:+:6684569-6684613	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_67128	YEGTDCALMCAPDR	AGAP001606-PA	C6(Carbamidomethyl), C10(Carbamidomethyl)	96	5.97E-10	2	1658.664	2.06	Malpighian tubule	2R:+:6685568-6685609	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_69016	ASLFTEPDIAEATGPIYPEK	AGAP001606-PA	-	105	4.89E-10	1	2149.079	4.01	Head	2R:+:6685754-6685813	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_70204	VVENADHTVYGFGDFGR	AGAP001606-PA	-	41	0.001017756	1	1882.875	1.62	Head	2R:+:6685610-6685660	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_70279	VVENADHTVYGFGDFGR	AGAP001606-PA	-	109	1.72E-10	1	1882.877	2.63	Malpighian tubule	2R:+:6685610-6685660	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_72592	GGPLTVTDANLILGR	AGAP001606-PA	-	111	3.67E-11	1	1496.851	4.97	Malpighian tubule	2R:+:6684965-6685009	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_72680	EDGSGGAGQFR	AGAP001606-PA	-	68	1.31E-06	2	1080.473	2.11	Malpighian tubule	2R:+:6687356-6687388	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_76376	AAGINSLAIVLAHSYACPEHELCVGR	AGAP001606-PA	C17(Carbamidomethyl), C23(Carbamidomethyl)	175	2.74E-17	1	2808.417	8.7	Malpighian tubule	2R:+:6684326-6684403	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_77432	ITDPEILELRYPIVLR	AGAP001606-PA	-	63	6.63E-07	1	1940.132	5.1	Malpighian tubule	2R:+:6687293-6687340	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_80591	ILVDDIR	AGAP001606-PA	-	43	0.000663234	2	843.496	2.49	Malpighian tubule	2R:+:6685715-6685735	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_82320	TAVQVGPGDIFSMK	AGAP001606-PA	M13(Oxidation)	89	2.00E-08	1	1449.744	2.31	Malpighian tubule	2R:+:6687578-6687619	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_82472	SGLFVVGPESAGAHPGPTCYR	AGAP001606-PA	C19(Carbamidomethyl)	135	4.29E-13	1	2159.039	2.39	Malpighian tubule	2R:+:6684899-6684961	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_83146	SFLLVDGGVFQEEAIVAR	AGAP001606-PA	-	92	3.80E-09	2	1950.042	4.46	Malpighian tubule	2R:+:6686504-6686557	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_84654	IAQELGFQHVTLSHQAMPMCR	AGAP001606-PA	C20(Carbamidomethyl)," M17(Oxidation), M19(Oxidation), C20(Carbamidomethyl)"	53	9.04E-05	1	2486.186	4.84	Malpighian tubule	2R:+:6684404-6684466	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_88773	GGTFTDVLCITPDR	AGAP001606-PA	C9(Carbamidomethyl)	82	9.57E-08	1	1551.747	-0.4	Malpighian tubule	2R:+:6683370-6683411	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_89164	LLPEYFPAIFGPNENEPLDYEATR	AGAP001606-PA	-	61	1.35E-05	1	2795.356	-0.15	Malpighian tubule	2R:+:6685010-6685081	exon=> In CDS Exon 2 of transcript AGAP001606-PA

JHU_Ag_89789	LLSVDPANYPDAPTEGIR	AGAP001606-PA	-	89	1.68E-08	1	1927.980	2.18	Head	2R:+:6683430-6683483	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_92771	FTLREDGSGGAGQFR	AGAP001606-PA	-	67	3.13E-06	2	1597.778	4.09	Malpighian tubule	2R:+:6687344-6687388	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_94217	LVPAQEASCQLGEASAGWR	AGAP001606-PA	C9(Carbamidomethyl)	143	9.15E-14	1	2029.981	2.47	Malpighian tubule	2R:+:6684182-6684238	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_94591	LLSVDPANYPDAPTEGIRR	AGAP001606-PA	-	75	3.63E-07	1	2084.088	4.97	Malpighian tubule	2R:+:6683430-6683486	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_94616	GHHADIGGITPGSMPPHSTSLAQEGAAFK	AGAP001606-PA	M14(Oxidation)	62	8.82E-06	1	2887.389	3.42	Malpighian tubule	2R:+:6686417-6686503	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_95211	TPGGGGYGVPLDDDDGPRPTLSDQQQQR	AGAP001606-PA	-	73	6.71E-07	1	2926.360	1.16	Head	2R:+:6687620-6687703	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_96975	GFTACAEAYLTPHVER	AGAP001606-PA	C5(Carbamidomethyl)	109	1.64E-10	1	1821.871	6.84	Malpighian tubule	2R:+:6684479-6684526	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_100242	GGPLTVTDANLILGR	AGAP001606-PA	-	38	0.000890369	1	1496.846	1.7	Ovary	2R:+:6684965-6685009	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_100528	TPGGGGYGVPLDDDDGPRPTLSDQQQQRQLAAAAAIVSVGSSK	AGAP001606-PA	-	124	2.63E-12	1	4280.136	4.29	Malpighian tubule	2R:+:6687620-6687748	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_101947	QLAAAAAIVSVGSSK	AGAP001606-PA	-	107	1.20E-10	2	1372.785	3.69	Malpighian tubule	2R:+:6687704-6687748	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_103305	ALTVDGLIDTGLIGWVR	AGAP001606-PA	-	107	8.99E-11	2	1799.019	7.06	Malpighian tubule	2R:+:6683511-6683561	exon=> In CDS Exon 1 of transcript AGAP001606-PA
JHU_Ag_105578	TPGGGGYGVPLDDDDGPRPTLSDQQQQR	AGAP001606-PA	-	67	2.63E-06	1	2926.356	-0.03	Ovary	2R:+:6687620-6687703	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_106119	VDGPAILIDR	AGAP001606-PA	-	62	2.60E-06	2	1068.607	2.22	Salivary gland	2R:+:6685913-6685942	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_106468	LDAVQLSIFNHR	AGAP001606-PA	-	95	2.37E-09	1	1412.767	1.67	Malpighian tubule	2R:+:6686054-6686089	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_106742	ASLFTEPDIAEATGPIYPEK	AGAP001606-PA	-	190	1.46E-18	1	2149.073	1.4	Malpighian tubule	2R:+:6685754-6685813	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_106884	TGSAVLEAEQQMDDGTPIRLVVR	AGAP001606-PA	M12(Oxidation)	167	2.21E-16	1	2501.278	4.71	Malpighian tubule	2R:+:6686795-6686863	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_110548	ITDPEILELR	AGAP001606-PA	-	61	5.86E-06	1	1198.671	2.28	Malpighian tubule	2R:+:6687293-6687322	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_114302	ASLFTEPDIAEATGPIYPEK	AGAP001606-PA	-	94	6.51E-09	2	2149.072	0.83	Midgut	2R:+:6685754-6685813	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_117309	NLSDNLSDLRAQIAANQK	AGAP001606-PA	-	56	3.05E-05	1	1971.031	2.76	Malpighian tubule	2R:+:6686603-6686656	exon=> In CDS Exon 2 of transcript AGAP001606-PA
JHU_Ag_41801	RGEDAR	AGAP001608-PA	-	30	0.008434151	1	703.348	0.15	Head	2R:-:6695552-6695535	exon=> In CDS Exon 11 of transcript AGAP001608-PA
JHU_Ag_8539	LNGVEESFENPR	AGAP001611-PA	-	103	6.28E-10	1	1390.659	-0.68	Male reproductive organs	2R:+:6811217-6811252	exon=> In CDS Exon 3 of transcript AGAP001611-PA
JHU_Ag_32228	MVDQINNLAEPNLAPVK	AGAP001611-PA	M1(Oxidation)	74	4.37E-07	1	1881.972	-1.26	Ovary	2R:+:6812062-6812112	exon=> In CDS Exon 6 of transcript AGAP001611-PA
JHU_Ag_84209	TTITAGPEISK	AGAP001611-PA	-	42	0.000744395	2	1117.607	-2.25	Ovary	2R:+:6811172-6811204	exon=> In CDS Exon 3 of transcript AGAP001611-PA
JHU_Ag_111707	AIAEKDFDTFGR	AGAP001611-PA	-	79	1.58E-07	1	1369.678	2.67	Male reproductive organs	2R:+:6811930-6811965	exon=> In CDS Exon 6 of transcript AGAP001611-PA
JHU_Ag_3745	NPDSIQMSLVSLFFK	AGAP001613-PA	M7(Oxidation)	100	1.39E-09	1	1741.887	2.43	Midgut	2R:-:6817325-6817281	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_4557	KWESLEQVSAWR	AGAP001613-PA	-	50	0.000188603	1	1518.771	0.54	Ovary	2R:-:6817361-6817326	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_4848	SQVIELDESNWDR	AGAP001613-PA	-	58	2.12E-05	2	1590.742	1.87	Head	2R:-:6817877-6817839	exon=> In CDS Exon 1 of transcript AGAP001613-PA
JHU_Ag_5116	KWESLEQVSAWR	AGAP001613-PA	-	93	8.21E-09	1	1518.771	0.59	Male reproductive organs	2R:-:6817361-6817326	exon=> In CDS Exon 2 of transcript AGAP001613-PA

JHU_Ag_6967	FFVTALPTIFHVINGEFR	AGAP001613-PA	N14(Deamidated)	41	0.000496493	1	2109.125	3.96	Salivary gland	2R:-:6817469-6817416	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_14276	VDVTSSPGLSGR	AGAP001613-PA	-	59	2.13E-05	2	1174.614	6.61	Salivary gland	2R:-:6817505-6817470	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_16292	FFVTALPTIFHVINGEFR	AGAP001613-PA	-	34	0.00216296	1	2108.140	3.44	Larva	2R:-:6817469-6817416	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_25539	VPEELRGDELVDEDEEK	AGAP001613-PA	-	54	5.20E-05	2	2000.928	-1.03	Male reproductive organs	2R:-:6816901-6816851	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_38441	NPDSIQMSLVSLFFK	AGAP001613-PA	M7(Oxidation)	49	0.000174573	2	1741.886	1.94	Malpighian tubule	2R:-:6817325-6817281	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_45171	VDVTSSPGLSGR	AGAP001613-PA	-	54	7.23E-05	2	1174.608	1.1	Malpighian tubule	2R:-:6817505-6817470	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_48282	FFVTALPTIFHVINGEFR	AGAP001613-PA	N14(Deamidated)	113	3.81E-11	1	2109.115	-0.82	Ovary	2R:-:6817469-6817416	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_57022	KWESLEQVSAWR	AGAP001613-PA	-	46	0.000405088	2	1518.771	0.35	Head	2R:-:6817361-6817326	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_63328	VPEELRGDELVDEDEEK	AGAP001613-PA	-	111	1.20E-10	1	2000.938	4.34	Ovary	2R:-:6816901-6816851	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_65992	SQVIELDESNWDR	AGAP001613-PA	-	62	8.85E-06	2	1590.741	0.64	Pupa	2R:-:6817877-6817839	exon=> In CDS Exon 1 of transcript AGAP001613-PA
JHU_Ag_71269	NPDSIQMSLVSLFFK	AGAP001613-PA	M7(Oxidation)	110	1.64E-10	1	1741.883	-0.02	Ovary	2R:-:6817325-6817281	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_71675	FFVTALPTIFHVINGEFR	AGAP001613-PA	-	41	0.000436881	1	2108.144	5.18	Malpighian tubule	2R:-:6817469-6817416	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_77871	NPDSIQMSLVSLFFK	AGAP001613-PA	M7(Oxidation)	86	3.53E-08	2	1741.887	2.29	Salivary gland	2R:-:6817325-6817281	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_81095	SLAPIWDDLSTWSDDLNIK	AGAP001613-PA	-	58	2.58E-05	2	2189.079	1.13	Salivary gland	2R:-:6817571-6817515	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_82644	SLAPIWDDLSTWSDDLNIK	AGAP001613-PA	-	79	1.75E-07	1	2189.077	0.35	Midgut	2R:-:6817571-6817515	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_87303	KPAAEQPAEPVVEEK	AGAP001613-PA	-	105	3.77E-10	1	1621.842	-0.88	Salivary gland	2R:-:6816655-6816611	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_87650	SQVIELDESNWDR	AGAP001613-PA	-	98	2.38E-09	1	1590.744	2.79	Salivary gland	2R:-:6817877-6817839	exon=> In CDS Exon 1 of transcript AGAP001613-PA
JHU_Ag_90093	SQVIELDESNWDR	AGAP001613-PA	-	59	1.67E-05	2	1590.743	2.4	Malpighian tubule	2R:-:6817877-6817839	exon=> In CDS Exon 1 of transcript AGAP001613-PA
JHU_Ag_91427	VPEELRGDELVDEDEEK	AGAP001613-PA	-	52	8.66E-05	1	2000.929	-0.24	Salivary gland	2R:-:6816901-6816851	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_97359	KPAAEQPAEPVVEEK	AGAP001613-PA	-	44	0.000633471	2	1621.832	-6.68	Malpighian tubule	2R:-:6816655-6816611	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_99766	KWESLEQVSAWR	AGAP001613-PA	-	104	6.61E-10	1	1518.770	-0.13	Midgut	2R:-:6817361-6817326	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_102145	VPEELRGDELVDEDEEK	AGAP001613-PA	-	112	9.67E-11	1	2000.933	1.9	Head	2R:-:6816901-6816851	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_105436	KPAAEQPAEPVVEEK	AGAP001613-PA	-	106	3.19E-10	1	1621.845	0.78	Head	2R:-:6816655-6816611	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_107897	KPAAEQPAEPVVEEK	AGAP001613-PA	-	77	2.55E-07	1	1621.847	2.06	Male reproductive organs	2R:-:6816655-6816611	exon=> In CDS Exon 3 of transcript AGAP001613-PA
JHU_Ag_108762	FFVTALPTIFHVINGEFR	AGAP001613-PA	N14(Deamidated)	123	3.69E-12	1	2109.112	-2.38	Midgut	2R:-:6817469-6817416	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_114164	DMNSFMSFIEEK	AGAP001613-PA	M2(Oxidation),M6(Oxidation),"M2(Oxidation), M6(Oxidation)"	78	7.39E-08	1	1509.623	-0.15	Midgut	2R:-:6817397-6817362	exon=> In CDS Exon 2 of transcript AGAP001613-PA
JHU_Ag_6437	DPDHFPFVVLGNK	AGAP001617-PA	-	36	0.003215657	1	1484.754	0.63	Ovary	2R:-:6828277-6828239	exon=> In CDS Exon 2 of transcript AGAP001617-PA

JHU_Ag_14351	FQSLGVAFYR	AGAP001617-PA	-	47	0.000358343	1	1187.620	-0.44	Male reproductive organs	2R:-:6828409-6828380	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_17898	FQSLGVAFYR	AGAP001617-PA	-	69	2.25E-06	1	1187.620	-0.54	Head	2R:-:6828409-6828380	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_18698	NAIAQETEVDLYNDFPDQIKLNTR	AGAP001617-PA	-	122	7.62E-12	1	2807.392	2.74	Malpighian tubule	2R:-:6828028-6828142,6827828-6827867	exon=> In CDS Exon 4 and 3 of transcript AGAP001617-PA
JHU_Ag_20199	DPDHFPFVVLGNK	AGAP001617-PA	-	38	0.002161098	1	1484.751	-1.7	Male reproductive organs	2R:-:6828277-6828239	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_23203	DPDHFPFVVLGNK	AGAP001617-PA	-	40	0.001212974	1	1484.751	-1.71	Head	2R:-:6828277-6828239	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_25087	FQSLGVAFYR	AGAP001617-PA	-	39	0.002163316	2	1187.624	2.74	Salivary gland	2R:-:6828409-6828380	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_29641	VIVLGDSSVGK	AGAP001617-PA	-	35	0.002937681	1	1073.622	1.37	Malpighian tubule	2R:-:6828653-6828621	exon=> In CDS Exon 1 of transcript AGAP001617-PA
JHU_Ag_39987	NLESWRDEFLIQASPR	AGAP001617-PA	-	69	1.76E-06	1	1960.992	2.21	Malpighian tubule	2R:-:6828325-6828278	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_47434	GADCCVLVYDTTAPNTFK	AGAP001617-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	106	2.91E-10	1	2031.918	1.43	Head	2R:-:6828379-6828326	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_49045	FQSLGVAFYR	AGAP001617-PA	-	69	2.14E-06	1	1187.624	2.44	Malpighian tubule	2R:-:6828409-6828380	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_54188	ATIGADFLTK	AGAP001617-PA	-	54	4.55E-05	1	1036.567	0.04	Male reproductive organs	2R:-:6828569-6828540	exon=> In CDS Exon 1 of transcript AGAP001617-PA
JHU_Ag_57152	DEFLIQASPR	AGAP001617-PA	-	48	0.000360272	2	1175.601	-4.3	Male reproductive organs	2R:-:6828307-6828278	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_57386	DPDHFPFVVLGNKIDLENR	AGAP001617-PA	-	87	2.14E-08	1	2225.146	4.99	Malpighian tubule	2R:-:6828277-6828221	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_57999	VVTMQIWDTAGQER	AGAP001617-PA	M4(Oxidation)	73	8.49E-07	1	1649.793	-1.44	Male reproductive organs	2R:-:6828518-6828683,6828218-6828410	exon=> In CDS Exon 2 and 1 of transcript AGAP001617-PA
JHU_Ag_68023	GADCCVLVYDTTAPNTFK	AGAP001617-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	54	4.80E-05	2	2031.913	-0.92	Male reproductive organs	2R:-:6828379-6828326	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_70033	FQSLGVAFYR	AGAP001617-PA	-	49	0.000199205	2	1187.621	0.18	Visceras	2R:-:6828409-6828380	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_70259	EGINVDLAFQTIAK	AGAP001617-PA	-	71	9.38E-07	2	1518.823	4.43	Malpighian tubule	2R:-:6828070-6828029	exon=> In CDS Exon 3 of transcript AGAP001617-PA
JHU_Ag_78261	DPDHFPFVVLGNK	AGAP001617-PA	-	38	0.001987329	1	1484.757	2.23	Malpighian tubule	2R:-:6828277-6828239	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_85201	GADCCVLVYDTTAPNTFK	AGAP001617-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	61	9.24E-06	2	2031.915	-0.02	Visceras	2R:-:6828379-6828326	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_90377	EGINVDLAFQTIAK	AGAP001617-PA	-	54	4.67E-05	2	1518.824	4.92	Head	2R:-:6828070-6828029	exon=> In CDS Exon 3 of transcript AGAP001617-PA
JHU_Ag_92455	VIVLGDSSVGK	AGAP001617-PA	-	38	0.001342893	1	1073.619	-0.95	Head	2R:-:6828653-6828621	exon=> In CDS Exon 1 of transcript AGAP001617-PA
JHU_Ag_98967	VVTMQIWDTAGQER	AGAP001617-PA	-	76	4.06E-07	1	1633.804	2.31	Malpighian tubule	2R:-:6828518-6828683,6828218-6828410	exon=> In CDS Exon 2 and 1 of transcript AGAP001617-PA
JHU_Ag_104450	NLESWRDEFLIQASPR	AGAP001617-PA	-	39	0.002026424	1	1960.983	-2.27	Ovary	2R:-:6828325-6828278	exon=> In CDS Exon 2 of transcript AGAP001617-PA
JHU_Ag_106164	NAIAQETEVDLYNDFPDQIK	AGAP001617-PA	-	104	6.45E-10	1	2323.111	0.73	Head	2R:-:6828028-6828142,6827828-6827879	exon=> In CDS Exon 4 and 3 of transcript AGAP001617-PA
JHU_Ag_108027	ATIGADFLTK	AGAP001617-PA	-	38	0.001350374	1	1036.570	2.51	Malpighian tubule	2R:-:6828569-6828540	exon=> In CDS Exon 1 of transcript AGAP001617-PA
JHU_Ag_113431	VIVLGDSSVGK	AGAP001617-PA	-	46	0.000218669	1	1073.619	-1.13	Male reproductive organs	2R:-:6828653-6828621	exon=> In CDS Exon 1 of transcript AGAP001617-PA

JHU_Ag_43727	LLILNIK	AGAP001619-PA	N5(Deamidated)	31	0.000797487	1	827.562	1.92	Ovary	2R:+:6861433-6861453	exon=> In CDS Exon 1 of transcript AGAP001619-PA
JHU_Ag_60783	LLILNIKR	AGAP001619-PA	N5(Deamidated)	55	2.88E-06	1	983.663	1.57	Ovary	2R:+:6861433-6861454,6874087-6874088	exon=> In CDS Exon 1 and 2 of transcript AGAP001619-PA
JHU_Ag_29806	KPDLVPGPGAHNNHLVPTMK	AGAP001620-PA	M19(Oxidation),"N12(Deamidated), M19(Oxidation)"	92	6.24E-09	1	2138.116	-0.82	Male reproductive organs	2R:-:6967113-6967054	exon=> In CDS Exon 1 of transcript AGAP001620-PA
JHU_Ag_31136	RPPLYSFGQR	AGAP001620-PA	-	64	4.63E-06	1	1220.653	-0.32	Male reproductive organs	2R:-:6967047-6967018	exon=> In CDS Exon 1 of transcript AGAP001620-PA
JHU_Ag_43338	YDGLIYMTR	AGAP001620-PA	M7(Oxidation)	56	3.91E-05	1	1147.544	-0.99	Male reproductive organs	2R:-:6966975-6966949	exon=> In CDS Exon 1 of transcript AGAP001620-PA
JHU_Ag_46110	IDVPNR	AGAP001620-PA	-	32	0.00334172	1	713.396	2.21	Male reproductive organs	2R:-:6967017-6967000	exon=> In CDS Exon 1 of transcript AGAP001620-PA
JHU_Ag_47673	YGLMNLR	AGAP001620-PA	M4(Oxidation)	50	0.000120564	2	882.452	1.74	Male reproductive organs	2R:-:6966702-6966682	exon=> In CDS Exon 2 of transcript AGAP001620-PA
JHU_Ag_82488	RAPNYTLR	AGAP001620-PA	-	42	0.000779669	2	990.551	3.5	Male reproductive organs	2R:-:6966777-6966754	exon=> In CDS Exon 2 of transcript AGAP001620-PA
JHU_Ag_92058	TRFDTLGPGPAVYDLK	AGAP001620-PA	-	99	1.17E-09	2	1749.925	4.57	Male reproductive organs	2R:-:6967227-6967180	exon=> In CDS Exon 1 of transcript AGAP001620-PA
JHU_Ag_108067	TPHPGPNR	AGAP001620-PA	-	38	0.003239379	1	875.450	2.47	Male reproductive organs	2R:-:6966726-6966703	exon=> In CDS Exon 2 of transcript AGAP001620-PA
JHU_Ag_108335	MDTTAPSYSFGIR	AGAP001620-PA	M1(Oxidation)	59	1.72E-05	2	1461.668	0.24	Male reproductive organs	2R:-:6966681-6966643	exon=> In CDS Exon 2 of transcript AGAP001620-PA
JHU_Ag_108937	EIIPAPNRYDGLIYMTR	AGAP001620-PA	M15(Oxidation)	41	0.000976796	1	2038.048	2.45	Male reproductive organs	2R:-:6966999-6966949	exon=> In CDS Exon 1 of transcript AGAP001620-PA
JHU_Ag_110970	YPDWKDPMIIPGDNC	AGAP001620-PA	M8(Oxidation), C15(Carbamidomethyl)	65	1.91E-06	1	1836.793	-0.38	Male reproductive organs	2R:-:6966642-6966598	exon=> In CDS Exon 2 of transcript AGAP001620-PA
JHU_Ag_115259	NKGPGPAAYGLPPEIGFNQHDPR	AGAP001620-PA	-	70	1.24E-06	1	2432.215	1.93	Male reproductive organs	2R:-:6967338-6967270	exon=> In CDS Exon 1 of transcript AGAP001620-PA
JHU_Ag_527	FGHDYTTGPNPDFGTLMK	AGAP001621-PB	M17(Oxidation)	53	5.45E-05	1	2013.901	-0.19	Male reproductive organs	2R:+:6969070-6969123	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_2740	VGSSIFGAR	AGAP001621-PB	-	43	0.000679055	2	893.483	-0.75	Ovary	2R:+:6969353-6969379	exon=> In CDS Exon 5 of transcript AGAP001621-PB
JHU_Ag_4931	FGHDYTTGPNPDFGTLMK	AGAP001621-PB	M17(Oxidation)	65	3.06E-06	1	2013.902	0.54	Head	2R:+:6969070-6969123	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_5694	NGVQPEDAVGLFR	AGAP001621-PB	-	49	0.00020264	2	1401.713	0.71	Head	2R:+:6968974-6969012	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_5716	ILEHCQDIR	AGAP001621-PB	C5(Carbamidomethyl)	45	0.000362843	1	1183.591	2.21	Malpighian tubule	2R:+:6968587-6968613	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_7705	TKPVDLILNAYSVGQR	AGAP001621-PB	N9(Deamidated)	102	3.92E-10	1	1774.981	6.22	Head	2R:+:6968485-6968532	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_12593	WHFIGHLQSNK	AGAP001621-PB	-	72	9.25E-07	1	1366.703	0.85	Malpighian tubule	2R:+:6968614-6968646	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_13555	DFGENYVQELVEK	AGAP001621-PB	-	114	6.43E-11	1	1569.748	2.89	Visceras	2R:+:6968533-6968571	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_16139	TKPVDLILNAYSVGQR	AGAP001621-PB	N9(Deamidated)	55	1.84E-05	3	1774.975	2.98	Pupa	2R:+:6968485-6968532	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_19440	LAEGLNKAWEK	AGAP001621-PB	-	74	5.14E-07	1	1258.681	1.59	Malpighian tubule	2R:+:6968779-6968811	exon=> In CDS Exon 3 of transcript AGAP001621-PB
JHU_Ag_20948	NGVQPEDAVGLFR	AGAP001621-PB	N1(Deamidated)	50	0.000171351	2	1401.713	0.63	Midgut	2R:+:6968974-6969012	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_21083	NGVQPEDAVGLFR	AGAP001621-PB	N1(Deamidated)	64	6.16E-06	1	1402.700	2.45	Malpighian tubule	2R:+:6968974-6969012	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_26930	DFGENYVQELVEK	AGAP001621-PB	-	83	7.45E-08	2	1569.744	0.48	Ovary	2R:+:6968533-6968571	exon=> In CDS Exon 2 of transcript AGAP001621-PB

JHU_Ag_30271	VGSSIFGAR	AGAP001621-PB	-	58	1.87E-05	2	893.485	1.17	Malpighian tubule	2R:+:6969353-6969379	exon=> In CDS Exon 5 of transcript AGAP001621-PB
JHU_Ag_31498	LALSNAPKPLLIAVSK	AGAP001621-PB	-	90	2.17E-10	1	1635.028	4.33	Malpighian tubule	2R:+:6967970-6967975,6968443-6968484	exon=> In CDS Exon 1 and 2 of transcript AGAP001621-PB
JHU_Ag_34358	TKPVDLILNAYSVGQR	AGAP001621-PB	N9(Deamidated)	103	3.22E-10	1	1774.976	3.4	Malpighian tubule	2R:+:6968485-6968532	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_35220	DFGENYVQELVEK	AGAP001621-PB	-	121	1.10E-11	1	1569.744	0.32	Midgut	2R:+:6968533-6968571	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_37264	FGHDYTTGPNPDFGTLMK	AGAP001621-PB	M17(Oxidation)	44	0.000430691	1	2013.901	-0.17	Pupa	2R:+:6969070-6969123	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_45390	DFGENYVQELVEKANDAR	AGAP001621-PB	-	100	1.55E-09	1	2096.997	4.14	Malpighian tubule	2R:+:6968533-6968586	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_55195	FGHDYTTGPNPDFGTLMK	AGAP001621-PB	M17(Oxidation)	110	1.04E-10	1	2013.897	-2.19	Midgut	2R:+:6969070-6969123	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_58553	DFGENYVQELVEK	AGAP001621-PB	-	59	1.71E-05	1	1569.745	1.26	Salivary gland	2R:+:6968533-6968571	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_58765	FGHDYTTGPNPDFGTLMK	AGAP001621-PB	M17(Oxidation)	117	2.21E-11	1	1997.909	1.24	Malpighian tubule	2R:+:6969070-6969123	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_59670	VINLPNLHMIQTVHSIK	AGAP001621-PB	-	36	0.000641573	1	1957.113	3.99	Malpighian tubule	2R:+:6968728-6968778	exon=> In CDS Exon 3 of transcript AGAP001621-PB
JHU_Ag_59739	DFGENYVQELVEK	AGAP001621-PB	-	121	1.18E-11	1	1569.746	1.8	Head	2R:+:6968533-6968571	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_62805	DFGENYVQELVEK	AGAP001621-PB	-	90	1.57E-08	1	1569.745	1.18	Male reproductive organs	2R:+:6968533-6968571	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_63397	DFGENYVQELVEK	AGAP001621-PB	-	108	2.47E-10	1	1569.748	3.36	Malpighian tubule	2R:+:6968533-6968571	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_64678	ILEHCQDIR	AGAP001621-PB	C5(Carbamidomethyl)	36	0.003425 05	1	1183.587	-1.3	Visceras	2R:+:6968587-6968613	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_71393	YVLDKCPNLNCEGVMTIGR	AGAP001621-PB	C6(Carbamidomethyl), C11(Carbamidomethyl), M15(Oxidation),"C6(Carbamidomethyl), C11(Carbamidomethyl)"	132	9.17E-13	1	2239.075	3.69	Malpighian tubule	2R:+:6969013-6969069	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_71514	TKPVDLILNAYSVGQR	AGAP001621-PB	N9(Deamidated)	102	4.11E-10	2	1774.981	6.42	Midgut	2R:+:6968485-6968532	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_71813	TKPVDLILNAYSVGQR	AGAP001621-PB	N9(Deamidated)	89	8.17E-09	1	1774.973	1.74	Ovary	2R:+:6968485-6968532	exon=> In CDS Exon 2 of transcript AGAP001621-PB
JHU_Ag_75786	LALSNAPKPLLIAVSK	AGAP001621-PB	-	55	7.50E-07	1	1635.022	1.04	Midgut	2R:+:6967970-6967975,6968443-6968484	exon=> In CDS Exon 1 and 2 of transcript AGAP001621-PB
JHU_Ag_84867	RLALSNAPKPLLIAVSK	AGAP001621-PB	-	26	0.000635243	1	1791.124	1.43	Malpighian tubule	2R:+:6967967-6967975,6968443-6968484	exon=> In CDS Exon 1 and 2 of transcript AGAP001621-PB
JHU_Ag_88193	VGSSIFGAR	AGAP001621-PB	-	52	8.19E-05	2	893.485	0.69	Male reproductive organs	2R:+:6969353-6969379	exon=> In CDS Exon 5 of transcript AGAP001621-PB
JHU_Ag_104528	CPNLNCEGVMTIGR	AGAP001621-PB	C1(Carbamidomethyl), C6(Carbamidomethyl)	97	2.12E-09	1	1620.731	0.98	Malpighian tubule	2R:+:6969028-6969069	exon=> In CDS Exon 4 of transcript AGAP001621-PB
JHU_Ag_107211	LALSNAPKPLLIAVSK	AGAP001621-PB	-	83	1.25E-09	1	1635.022	0.97	Head	2R:+:6967970-6967975,6968443-6968484	exon=> In CDS Exon 1 and 2 of transcript AGAP001621-PB
JHU_Ag_109657	TKPVDLILNAYSVGQR	AGAP001621-PB	N9(Deamidated)	89	9.87E-09	1	1774.965	-2.49	Visceras	2R:+:6968485-6968532	exon=> In CDS Exon 2 of transcript AGAP001621-PB

JHU_Ag_1221	KAPSSVFVLFSQK	AGAP001622-PA	-	75	1.28E-07	1	1437.810	-0.17	Salivary gland	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_1496	ELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M5(Oxidation)	79	1.15E-07	2	2793.423	3.58	Visceras	2R:+:6974246-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_2007	LVSDKELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M10(Oxidation)	181	5.92E-18	1	3351.717	0.82	Midgut	2R:+:6974231-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_3465	APSSVFVLFSQK	AGAP001622-PA	-	106	2.10E-10	1	1309.715	-0.18	Midgut	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_5413	FTEDEVDDAFDQMVIDDK	AGAP001622-PA	-	75	1.94E-07	2	2131.918	7.59	Malpighian tubule	2R:+:6974444-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_5897	FALTHWGQDKFTEDEVDDAFDQMVIDDK	AGAP001622-PA	M23(Oxidation)	135	2.28E-13	1	3331.471	-0.81	Head	2R:+:6974414-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_6747	STFDALGK	AGAP001622-PA	-	55	2.84E-05	2	838.430	-0.1	Visceras	2R:+:6974207-6974230	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_8098	APSSVFVLFSQK	AGAP001622-PA	-	106	2.29E-10	1	1309.718	2.15	Head	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_9883	DDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	108	1.23E-10	2	2569.131	0.99	Head	2R:+:6973869-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_10115	ELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M5(Oxidation)	135	2.79E-13	1	2809.417	3.28	Pupa	2R:+:6974246-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_10418	AFDTNGKIDGEK	AGAP001622-PA	N5(Deamidated)	91	9.92E-09	1	1295.610	-1.29	Head	2R:+:6974372-6974407	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_14102	GYIDTAALIGMLTGSEEGEEE	AGAP001622-PA	M11(Oxidation)	95	3.57E-09	2	2200.987	2.97	Male reproductive organs	2R:+:6974498-6974560	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_16295	STFDALGK	AGAP001622-PA	-	49	0.000114478	2	838.430	-0.39	Head	2R:+:6974207-6974230	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_19300	KAPSSVFVLFSQK	AGAP001622-PA	-	103	2.09E-10	1	1437.813	2.22	Malpighian tubule	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_20219	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation)	42	0.001038601	1	1722.838	0.5	Malpighian tubule	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_20446	ELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M5(Oxidation)	150	9.33E-15	1	2809.413	1.78	Ovary	2R:+:6974246-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_20453	APSSVFVLFSQK	AGAP001622-PA	-	105	2.72E-10	1	1309.719	2.71	Visceras	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_21456	KAPSSVFVLFSQK	AGAP001622-PA	-	97	8.92E-10	1	1437.812	1.62	Visceras	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_22069	KAPSSVFVLFSQK	AGAP001622-PA	-	103	2.09E-10	1	1437.811	0.86	Midgut	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_25946	MSGGGQDDDDVVINAFK	AGAP001622-PA	M1(Oxidation), N14(Deamidated),M1(Oxidation)	140	7.94E-14	2	1783.781	0.21	Midgut	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_29038	FALTHWGQDK	AGAP001622-PA	-	64	5.58E-06	1	1202.595	-0.26	Ovary	2R:+:6974414-6974443	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_29546	AFDTNGKIDGEK	AGAP001622-PA	N5(Deamidated)	82	9.54E-08	1	1294.626	-1.19	Visceras	2R:+:6974372-6974407	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_30636	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	83	6.90E-08	1	2942.321	-1.15	Male reproductive organs	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_31636	LVSDKELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M10(Oxidation)	140	5.52E-14	1	3335.725	1.68	Pupa	2R:+:6974231-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_33797	FALTHWGQDK	AGAP001622-PA	-	64	5.49E-06	1	1202.595	-0.26	Male reproductive organs	2R:+:6974414-6974443	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_38281	FALTHWGQDKFTEDEVDDAFDQMVIDDK	AGAP001622-PA	M23(Oxidation)	182	4.68E-18	1	3315.486	2.25	Visceras	2R:+:6974414-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_39063	FALTHWGQDKFTEDEVDDAFDQMVIDDK	AGAP001622-PA	M23(Oxidation)	180	7.66E-18	1	3315.483	1.26	Pupa	2R:+:6974414-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA

JHU_Ag_40153	LVSDKELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M10(Oxidation)	73	3.24E-07	1	3351.732	5.19	Larva	2R:+:6974231-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_41260	MSGGGQDDDDVVINAFK	AGAP001622-PA	M1(Oxidation)	168	1.23E-16	1	1783.781	0.35	Male reproductive organs	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_41536	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation)	82	1.08E-07	1	1738.834	1.04	Ovary	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_41850	DDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	74	2.92E-07	2	2569.126	-1.01	Male reproductive organs	2R:+:6973869-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_43659	KAPSSVFVLFSQK	AGAP001622-PA	-	97	8.20E-10	1	1437.817	4.68	Larva	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_43880	APSSVFVLFSQK	AGAP001622-PA	-	105	2.28E-10	1	1309.717	1.69	Pupa	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_44467	FTEDEVDDAFDQMVIDDK	AGAP001622-PA	M13(Oxidation)	137	9.87E-14	1	2131.904	1.41	Visceras	2R:+:6974444-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_44920	FTEDEVDDAFDQMVIDDK	AGAP001622-PA	M13(Oxidation)	158	6.95E-16	1	2147.896	-0.21	Midgut	2R:+:6974444-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_45143	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation)	92	1.08E-08	1	1738.833	0.48	Pupa	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_46055	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	83	6.25E-08	1	2942.322	-0.84	Midgut	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_47652	FALTHWGQDKFTEDEVDDAFDQMVIDDK	AGAP001622-PA	M23(Oxidation)	173	3.64E-17	1	3315.474	-1.39	Midgut	2R:+:6974414-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_50147	KAPSSVFVLFSQK	AGAP001622-PA	-	77	8.58E-08	1	1437.810	0.27	Ovary	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_53034	FALTHWGQDKFTEDEVDDAFDQMVIDDK	AGAP001622-PA	M23(Oxidation)	135	2.57E-13	1	3331.480	1.83	Male reproductive organs	2R:+:6974414-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_54263	EAFALMDNDK	AGAP001622-PA	M6(Oxidation)	54	2.90E-05	1	1169.515	0.33	Male reproductive organs	2R:+:6974043-6974045,6974150-6974176	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_55534	GYIDTAALIGMLTGSEEGEEE	AGAP001622-PA	-	72	6.43E-07	2	2184.992	3.13	Pupa	2R:+:6974498-6974560	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_61076	MSGGGQDDDDVVINAFK	AGAP001622-PA	M1(Oxidation)	156	2.34E-15	1	1783.788	4.05	Malpighian tubule	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_61435	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	123	5.82E-12	1	2942.325	0.16	Ovary	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_62888	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation)	42	0.001004384	2	1738.838	3.57	Larva	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_64748	AFDTNGKIDGEK	AGAP001622-PA	N5(Deamidated)	77	2.36E-07	1	1295.610	-1.38	Male reproductive organs	2R:+:6974372-6974407	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_66146	GYIDTAALIGMLTGSEEGEEE	AGAP001622-PA	M11(Oxidation)	141	7.88E-14	1	2200.982	0.76	Visceras	2R:+:6974498-6974560	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_68442	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	52	9.10E-05	1	2942.327	0.66	Salivary gland	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_71482	MSGGGQDDDDVVINAFK	AGAP001622-PA	M1(Oxidation)	161	6.97E-16	1	1783.792	6.31	Larva	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_72549	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation)	128	2.35E-12	1	1722.832	-2.54	Midgut	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_73980	AFDTNGK	AGAP001622-PA	-	36	0.002442435	2	752.356	-1.59	Head	2R:+:6974372-6974392	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_75357	FTEDEVDDAFDQMVIDDK	AGAP001622-PA	M13(Oxidation)	153	2.40E-15	1	2147.900	1.83	Ovary	2R:+:6974444-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA

JHU_Ag_76164	FALTHWGQDKFTEDEVDDAFDQMVIDDK	AGAP001622-PA	M23(Oxidation)	142	5.25E-14	1	3331.476	0.81	Ovary	2R:+:6974414-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_76167	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	103	7.15E-10	1	2942.321	-1.4	Head	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_76531	MSGGGQDDDDVVINAFK	AGAP001622-PA	M1(Oxidation)	109	1.14E-10	2	1783.782	0.83	Salivary gland	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_76647	DDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	101	5.90E-10	2	2569.129	0.32	Visceras	2R:+:6973869-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_77609	FTEDEVDDAFDQMVIDDK	AGAP001622-PA	M13(Oxidation)	127	9.56E-13	1	2147.895	-0.78	Pupa	2R:+:6974444-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_78245	FTEDEVDDAFDQMVIDDK	AGAP001622-PA	M13(Oxidation)	158	7.32E-16	1	2147.898	0.7	Head	2R:+:6974444-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_79779	DDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	136	1.84E-13	1	2569.127	-0.56	Ovary	2R:+:6973869-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_80411	GYIDTAALIGMLTGSEEGEEE	AGAP001622-PA	M11(Oxidation)	179	1.37E-17	1	2200.983	1.2	Ovary	2R:+:6974498-6974560	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_80741	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation), N8(Deamidated),M6(Oxidation),N8(Deamidated)	135	5.81E-13	1	1722.840	1.64	Visceras	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_81904	EAFALMDNDK	AGAP001622-PA	-	78	1.77E-07	1	1153.520	0.48	Head	2R:+:6974043-6974045,6974150-6974176	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_85327	KAPSSVFVLFSQK	AGAP001622-PA	Q12(Deamidated)	103	2.16E-10	1	1437.813	1.88	Pupa	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_88169	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation), N8(Deamidated),M6(Oxidation)	127	3.14E-12	1	1738.833	0.62	Male reproductive organs	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_88207	DDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	61	6.02E-06	3	2569.126	-0.92	Midgut	2R:+:6973869-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_89483	STFDALGK	AGAP001622-PA	-	44	0.000415646	1	838.431	0.35	Male reproductive organs	2R:+:6974207-6974230	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_89941	APSSVFVLFSQK	AGAP001622-PA	-	91	6.03E-09	1	1309.716	0.85	Salivary gland	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_90384	APSSVFVLFSQK	AGAP001622-PA	-	106	2.16E-10	1	1309.716	0.29	Male reproductive organs	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_90435	FALTHWGQDK	AGAP001622-PA	-	65	5.03E-06	1	1202.592	-3	Midgut	2R:+:6974414-6974443	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_91523	EAFALMDNDKDGVIGK	AGAP001622-PA	M6(Oxidation)	104	6.06E-10	1	1738.833	0.83	Head	2R:+:6974043-6974045,6974150-6974194	exon=> In CDS Exon 2 and 3 of transcript AGAP001622-PA
JHU_Ag_93801	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	116	3.51E-11	1	2942.325	0.11	Visceras	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_94509	FALTHWGQDK	AGAP001622-PA	-	46	0.000403053	1	1202.595	-0.3	Pupa	2R:+:6974414-6974443	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_99094	FTEDEVDDAFDQMVIDDK	AGAP001622-PA	M13(Oxidation)	105	1.39E-10	1	2147.894	-1.01	Male reproductive organs	2R:+:6974444-6974497	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_99976	AFDTNGKIDGEK	AGAP001622-PA	N5(Deamidated)	64	4.74E-06	1	1295.610	-1.01	Midgut	2R:+:6974372-6974407	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_102893	DDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	112	5.88E-11	2	2569.136	2.7	Malpighian tubule	2R:+:6973869-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_103219	MSGGGQDDDDVVINAFK	AGAP001622-PA	N14(Deamidated),"M1(Oxidation), N14(Deamidated)",M1(Oxidation)	169	1.01E-16	1	1767.788	1.28	Pupa	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA

JHU_Ag_103222	IDGEKFR	AGAP001622-PA	-	41	0.001218551	2	864.457	-1.05	Male reproductive organs	2R:+:6974393-6974413	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_103744	LVSDKELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M10(Oxidation)	171	4.71E-17	1	3351.726	3.45	Visceras	2R:+:6974231-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_104128	KAPSSVFVLFSQK	AGAP001622-PA	-	103	2.08E-10	1	1437.811	0.43	Male reproductive organs	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_104209	FALTHWGQDK	AGAP001622-PA	-	65	5.51E-06	1	1202.599	2.78	Malpighian tubule	2R:+:6974414-6974443	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_104666	LVSDKELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M10(Oxidation)	117	1.16E-11	1	3351.737	6.83	Malpighian tubule	2R:+:6974231-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_106113	MSGGGQDDDDVVINAFK	AGAP001622-PA	M1(Oxidation)	156	2.07E-15	1	1783.783	1.45	Ovary	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_106912	MSGGGQDDDDVVINAFK	AGAP001622-PA	M1(Oxidation), N14(Deamidated),M1(Oxidation)	165	2.87E-16	1	1767.788	1.14	Visceras	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_107745	APSSVFVLFSQK	AGAP001622-PA	-	78	1.15E-07	2	1309.721	4.11	Malpighian tubule	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_108050	DDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	73	3.97E-07	1	2569.133	1.84	Pupa	2R:+:6973869-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_109457	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	87	2.57E-08	2	2942.335	3.4	Pupa	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_110720	GYIDTAALIGMLTGSEEGEEE	AGAP001622-PA	M11(Oxidation)	103	4.53E-10	2	2200.979	-0.46	Midgut	2R:+:6974498-6974560	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_111010	LVSDKELDEMLGEATGPLNFTQLLTLFANR	AGAP001622-PA	M10(Oxidation)	204	2.74E-20	1	3351.714	-0.16	Ovary	2R:+:6974231-6974320	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_111114	APSSVFVLFSQK	AGAP001622-PA	-	99	9.61E-10	1	1309.716	1.04	Ovary	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_111978	ASSKDDTPADTPGADTPAAPTPSDSAAGSQR	AGAP001622-PA	-	99	1.54E-09	1	2942.331	1.96	Malpighian tubule	2R:+:6973857-6973949	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_112045	APSSVFVLFSQK	AGAP001622-PA	-	44	0.000283201	2	1309.720	3.83	Larva	2R:+:6973989-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_113010	KAPSSVFVLFSQK	AGAP001622-PA	-	92	2.73E-09	1	1437.808	-1.18	Head	2R:+:6973986-6974024	exon=> In CDS Exon 2 of transcript AGAP001622-PA
JHU_Ag_114260	AFDTNGKIDGEK	AGAP001622-PA	N5(Deamidated)	83	6.66E-08	1	1295.611	-0.25	Pupa	2R:+:6974372-6974407	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_114661	FALTHWGQDK	AGAP001622-PA	Q8(Deamidated)	59	1.63E-05	1	1203.574	-4.53	Head	2R:+:6974414-6974443	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_116491	FALTHWGQDK	AGAP001622-PA	-	71	1.18E-06	1	1202.598	2.48	Visceras	2R:+:6974414-6974443	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_116577	STFDALGK	AGAP001622-PA	-	45	0.000333214	1	838.432	1.15	Pupa	2R:+:6974207-6974230	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_117073	MSGGGQDDDDVVINAFK	AGAP001622-PA	Q6(Deamidated),M1(Oxidation),"M1(Oxidation), Q6(Deamidated)"	156	2.21E-15	1	1767.789	1.76	Head	2R:+:6974321-6974371	exon=> In CDS Exon 3 of transcript AGAP001622-PA
JHU_Ag_56178	MIVTFK	AGAP001624-PA	-	32	0.002328331	1	738.420	-2.12	Head	2R:+:6981587-6981604	exon=> In CDS Exon 2 of transcript AGAP001624-PA
JHU_Ag_79780	AILYMTGPPVLK	AGAP001624-PA	M5(Oxidation)	68	1.22E-06	1	1318.743	-0.68	Head	2R:+:6981461-6981496	exon=> In CDS Exon 2 of transcript AGAP001624-PA
JHU_Ag_105708	APYAPLGASYSCAR	AGAP001624-PA	C12(Carbamidomethyl)	90	1.25E-08	1	1483.701	0.74	Head	2R:+:6981819-6981860	exon=> In CDS Exon 3 of transcript AGAP001624-PA
JHU_Ag_82892	LNRPIK	AGAP001627-PA	-	30	0.002330443	1	740.478	0.33	Head	2R:+:7017753-7017770	exon=> In CDS Exon 7 of transcript AGAP001627-PA
JHU_Ag_16509	LFLLIK	AGAP001628-PA	-	32	0.000242699	1	746.518	0.74	Male reproductive organs	2R:-:7021477-7021460	exon=> In CDS Exon 2 of transcript AGAP001628-PA
JHU_Ag_28632	LFLLIK	AGAP001628-PA	-	32	0.000232846	1	746.520	3.77	Ovary	2R:-:7021477-7021460	exon=> In CDS Exon 2 of transcript AGAP001628-PA

JHU_Ag_45120	LFLLIK	AGAP001628-PA	-	32	0.000244945	1	746.518	1.23	Salivary gland	2R:-:7021477-7021460	exon=> In CDS Exon 2 of transcript AGAP001628-PA
JHU_Ag_51037	LFLLIK	AGAP001628-PA	-	20	0.003532385	1	746.517	-0.58	Male reproductive organs	2R:-:7021477-7021460	exon=> In CDS Exon 2 of transcript AGAP001628-PA
JHU_Ag_73588	LFLLIK	AGAP001628-PA	-	26	0.000859148	2	746.518	0.81	Pupa	2R:-:7021477-7021460	exon=> In CDS Exon 2 of transcript AGAP001628-PA
JHU_Ag_55681	LAVQAGGPNPAVNNVLR	AGAP001629-PA	-	102	3.86E-10	1	1689.939	-0.62	Head	2R:+:7024268-7024280,7024341-7024378	exon=> In CDS Exon 1 and 2 of transcript AGAP001629-PA
JHU_Ag_200	VAHALAEGLK	AGAP001630-PA	-	69	7.25E-07	1	1008.584	-0.11	Salivary gland	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_312	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	-	133	1.12E-13	1	3068.696	5.74	Larva	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_1064	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	70	1.76E-06	2	1321.683	0.5	Salivary gland	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_2568	TATPEQAQEVHAALRK	AGAP001630-PA	-	102	6.24E-10	1	1749.942	9.87	Malpighian tubule	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_2930	ASITELCK	AGAP001630-PA	C7(Carbamidomethyl)	56	3.88E-05	2	921.470	-0.77	Male reproductive organs	2R:-:7026032-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_3277	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	-	121	2.50E-12	1	3068.683	1.53	Salivary gland	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_5154	VIACIGETLQEREAGQTEAVCFR	AGAP001630-PA	C4(Carbamidomethyl), C21(Carbamidomethyl)	105	5.10E-10	1	2637.287	4.24	Malpighian tubule	2R:-:7025720-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_6135	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	75	4.72E-07	2	1396.667	2.48	Pupa	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_6598	DWSNVVIAYEPVWAIGTGK	AGAP001630-PA	-	92	9.77E-09	1	2105.077	3.24	Pupa	2R:-:7025621-7025565	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_6736	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	57	2.02E-05	1	1267.574	0.41	Ovary	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_6998	WFTENVSADVSNAIR	AGAP001630-PA	-	121	1.37E-11	2	1708.834	2.73	Pupa	2R:-:7025516-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_10236	AIAAQVK	AGAP001630-PA	-	52	4.90E-05	2	700.436	0.42	Visceras	2R:-:7025642-7025622	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_10850	MNGDKASITELCK	AGAP001630-PA	C12(Carbamidomethyl)," M1(Oxidation), C12(Carbamidomethyl)"	109	1.52E-10	1	1466.700	1.29	Malpighian tubule	2R:-:7026047-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_10862	AIFGETDELIAEK	AGAP001630-PA	-	115	5.74E-11	1	1435.734	1.81	Head	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_10951	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	67	1.60E-06	2	2697.411	7.2	Midgut	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_11317	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	N27(Deamidated)	149	3.42E-15	1	3068.690	3.88	Malpighian tubule	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_12415	DLGLGWVILGHSER	AGAP001630-PA	-	130	8.73E-13	1	1551.833	3.49	Midgut	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_13257	TATPEQAQEVHAALRK	AGAP001630-PA	-	55	2.74E-05	1	1749.930	3.16	Larva	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_14949	WFTENVSADVSNAIR	AGAP001630-PA	-	110	1.47E-10	2	1708.832	1.59	Midgut	2R:-:7025516-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_16946	TATPEQAQEVHAALR	AGAP001630-PA	-	122	1.01E-11	1	1621.830	0.64	Visceras	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_17143	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	115	4.60E-11	1	1763.904	2.21	Visceras	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_17665	TATPEQAQEVHAALR	AGAP001630-PA	Q6(Deamidated),Q8(Deamidated)	118	2.79E-11	1	1621.828	-0.86	Head	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA

JHU_Ag_18009	AIFGETDELIAEK	AGAP001630-PA	-	86	3.92E-08	1	1435.735	2.57	Larva	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_18438	FCVGGNWK	AGAP001630-PA	C2(Carbamidomethyl)	41	0.000748723	2	967.446	0.49	Visceras	2R:-:7026071-7026048	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_18523	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	92	9.78E-09	1	1396.673	6.67	Male reproductive organs	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_19636	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	93	7.96E-09	1	1388.723	2.26	Salivary gland	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_22035	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	111	1.13E-10	1	1763.903	1.79	Pupa	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_22608	ASITELCK	AGAP001630-PA	C7(Carbamidomethyl)	52	7.94E-05	2	921.471	-0.04	Midgut	2R:-:7026032-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_24000	RAIFGETDELIAEK	AGAP001630-PA	-	96	3.34E-09	1	1591.834	1.07	Visceras	2R:-:7025792-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_24345	AIFGETDELIAEK	AGAP001630-PA	-	107	3.88E-10	1	1435.733	0.7	Pupa	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_27079	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	69	1.00E-06	1	2697.404	4.49	Larva	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_28399	TATPEQAQEVHAALR	AGAP001630-PA	-	40	0.001527315	1	1621.830	0.14	Malpighian tubule	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_29067	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	103	9.47E-10	1	1388.722	1.21	Visceras	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_29456	AIFGETDELIAEK	AGAP001630-PA	-	98	2.56E-09	1	1435.735	2.06	Malpighian tubule	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_32049	DLGLGWVILGHSER	AGAP001630-PA	-	104	4.09E-10	1	1551.831	1.92	Malpighian tubule	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_32512	WFTENVSADVSNAIR	AGAP001630-PA	-	59	1.91E-05	2	1708.834	3.02	Ovary	2R:-:7025516-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_32799	ASITELCK	AGAP001630-PA	C7(Carbamidomethyl)	60	1.38E-05	1	921.471	0.35	Visceras	2R:-:7026032-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_35379	AIFGETDELIAEK	AGAP001630-PA	-	101	1.23E-09	1	1435.731	-0.15	Ovary	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_35703	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	77	3.52E-07	1	1321.682	-0.43	Male reproductive organs	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_36882	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	103	9.71E-10	1	1388.719	-0.99	Head	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_36937	WFTENVSADVSNAIR	AGAP001630-PA	-	114	6.07E-11	1	1708.831	1.37	Visceras	2R:-:7025516-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_38496	AIFGETDELIAEK	AGAP001630-PA	-	105	5.32E-10	1	1435.732	0.45	Male reproductive organs	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_38749	RAIFGETDELIAEK	AGAP001630-PA	-	83	6.78E-08	1	1591.832	-0.24	Head	2R:-:7025792-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_40365	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	70	1.06E-06	1	1267.574	0.22	Male reproductive organs	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_40488	WFTENVSADVSNAIR	AGAP001630-PA	-	108	2.66E-10	1	1708.832	1.73	Head	2R:-:7025516-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_40566	TATPEQAQEVHAALRK	AGAP001630-PA	-	103	4.71E-10	1	1749.924	-0.17	Visceras	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_41046	RAIFGETDELIAEK	AGAP001630-PA	-	98	2.33E-09	1	1591.834	0.56	Male reproductive organs	2R:-:7025792-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_42907	SLLPETIGVAAQNCYKVAK	AGAP001630-PA	C14(Carbamidomethyl)	116	1.67E-11	1	2062.105	2.21	Malpighian tubule	2R:-:7025930-7025874	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_43748	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	-	125	1.20E-12	1	3068.677	-0.3	Midgut	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_46397	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	89	2.29E-08	1	1388.720	-0.55	Midgut	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA

JHU_Ag_46429	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	155	3.11E-15	1	2697.390	-0.67	Malpighian tubule	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_46455	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	92	9.85E-09	1	1396.668	3.18	Larva	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_46984	RAIFGETDELIAEK	AGAP001630-PA	-	38	0.002321869	3	1591.831	-1.28	Malpighian tubule	2R:-:7025792-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_47336	DLGLGWVILGHSER	AGAP001630-PA	-	116	2.82E-11	1	1551.829	0.42	Male reproductive organs	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_47606	VAHALAEGLK	AGAP001630-PA	-	73	2.65E-07	1	1008.586	2.44	Larva	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_48785	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	-	169	3.73E-17	1	3068.681	1.07	Head	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_49839	VAHALAEGLK	AGAP001630-PA	-	54	2.11E-05	1	1008.584	0.51	Male reproductive organs	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_50509	VAHALAEGLK	AGAP001630-PA	-	77	1.20E-07	1	1008.584	-0.05	Pupa	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_51366	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	45	0.000523731	2	1337.686	6.76	Larva	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_51679	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	64	3.69E-06	2	1267.572	-1.13	Midgut	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_53461	TATPEQAQEVHAALR	AGAP001630-PA	-	107	2.63E-10	1	1621.843	8.17	Midgut	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_54017	KFCVGGNWK	AGAP001630-PA	C3(Carbamidomethyl)	37	0.002983158	1	1095.541	0.1	Visceras	2R:-:7026074-7026048	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_55490	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	111	1.17E-10	1	1396.666	1.6	Malpighian tubule	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_55495	DLGLGWVILGHSER	AGAP001630-PA	-	123	4.91E-12	1	1551.829	0.97	Visceras	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_56441	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	116	3.71E-11	2	1396.662	-1.28	Head	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_56702	AIFGETDELIAEK	AGAP001630-PA	-	98	2.99E-09	2	1435.737	4.02	Midgut	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_57234	VAHALAEGLK	AGAP001630-PA	-	73	2.97E-07	1	1008.584	0.2	Visceras	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_58390	KWFTENVSADVSNAIR	AGAP001630-PA	-	119	1.68E-11	2	1836.929	2.74	Visceras	2R:-:7025519-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_58487	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	59	1.38E-05	1	1267.572	-1.04	Salivary gland	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_58520	TATPEQAQEVHAALR	AGAP001630-PA	-	35	0.004410834	1	1621.829	0.03	Salivary gland	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_59181	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	73	5.36E-07	1	1267.574	0.02	Pupa	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_59936	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	81	8.17E-08	1	2697.396	1.59	Visceras	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_60261	TATPEQAQEVHAALRK	AGAP001630-PA	-	71	7.85E-07	1	1749.923	-0.75	Ovary	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_63081	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	124	6.04E-12	1	1763.901	0.69	Head	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_63268	VAHALAEGLK	AGAP001630-PA	-	62	3.81E-06	1	1008.585	0.88	Midgut	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_63299	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	70	9.65E-07	1	1267.572	-1.42	Head	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_63343	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	110	1.55E-10	1	1388.723	2.26	Pupa	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_63721	EAGQTEAVCFRQTK	AGAP001630-PA	C9(Carbamidomethyl)	85	4.96E-08	1	1624.777	1.41	Malpighian tubule	2R:-:7025684-7025643	exon=> In CDS Exon 1 of transcript AGAP001630-PA

JHU_Ag_63818	ASITELCK	AGAP001630-PA	C7(Carbamidomethyl)	46	0.000350929	2	921.470	-1.04	Ovary	2R:-:7026032-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_66388	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	-	150	2.69E-15	1	3068.689	3.68	Pupa	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_66755	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	85	4.47E-08	1	1763.903	1.66	Male reproductive organs	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_69175	DWSNVVIAYEPVWAIGTGK	AGAP001630-PA	-	97	3.00E-09	1	2105.069	-0.67	Head	2R:-:7025621-7025565	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_69405	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	110	1.45E-10	2	1396.668	2.83	Visceras	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_69710	ASITELCK	AGAP001630-PA	C7(Carbamidomethyl)	37	0.003123075	2	921.470	-0.77	Salivary gland	2R:-:7026032-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_70031	KWFTENVSADVSNAIR	AGAP001630-PA	N6(Deamidated)	90	1.54E-08	1	1836.927	1.57	Pupa	2R:-:7025519-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_70647	ASITELCK	AGAP001630-PA	C7(Carbamidomethyl)	43	0.000685834	1	921.470	-0.96	Head	2R:-:7026032-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_72128	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	78	3.15E-07	1	1321.684	1.51	Malpighian tubule	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_72977	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	59	1.47E-05	1	1267.576	1.95	Malpighian tubule	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_73085	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	90	1.53E-08	1	1337.677	0.28	Ovary	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_74285	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	101	1.14E-09	1	1396.663	-0.32	Midgut	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_75452	VAHALAEGLK	AGAP001630-PA	-	73	2.73E-07	1	1008.579	-4.46	Head	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_75571	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	98	2.47E-09	1	1763.901	0.83	Salivary gland	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_75835	AIFGETDELIAEK	AGAP001630-PA	-	105	5.51E-10	1	1435.733	0.79	Visceras	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_75847	WFTENVSADVSNAIR	AGAP001630-PA	-	66	4.04E-06	2	1708.840	6.66	Larva	2R:-:7025516-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_77083	RAIFGETDELIAEK	AGAP001630-PA	-	68	1.98E-06	1	1591.836	1.99	Pupa	2R:-:7025792-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_77706	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	69	1.23E-06	1	2697.391	-0.22	Pupa	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_78021	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	81	1.05E-07	2	1396.663	-0.84	Salivary gland	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_78063	FCVGGNWK	AGAP001630-PA	C2(Carbamidomethyl)	48	0.000144214	1	967.444	-2.02	Head	2R:-:7026071-7026048	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_78613	ELAAKPDIDGFLVGGASLKPEFIQIVNARQ	AGAP001630-PA	-	130	1.92E-13	1	3196.741	1.46	Malpighian tubule	2R:-:7025432-7025343	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_78683	VAHALAEGLK	AGAP001630-PA	-	61	3.89E-06	1	1008.586	2.21	Malpighian tubule	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_80762	DLGLGWVILGHSER	AGAP001630-PA	-	124	3.65E-12	1	1551.834	3.88	Pupa	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_82011	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	107	3.33E-10	1	1388.722	1.38	Malpighian tubule	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_82263	DLGLGWVILGHSER	AGAP001630-PA	-	73	5.39E-07	2	1551.832	2.7	Larva	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_82697	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	79	1.99E-07	1	1763.904	2.42	Larva	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_82950	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	73	7.73E-07	2	1337.681	2.83	Pupa	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_83773	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	84	6.89E-08	1	1321.683	0.31	Visceras	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA

JHU_Ag_84371	TATPEQAQEVHAALR	AGAP001630-PA	-	112	1.13E-10	1	1621.831	0.87	Male reproductive organs	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_86657	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	114	3.52E-11	1	2697.396	1.45	Ovary	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_89645	AIFGETDELIAEK	AGAP001630-PA	-	94	6.43E-09	1	1435.732	0.45	Salivary gland	2R:-:7025789-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_90067	TATPEQAQEVHAALRK	AGAP001630-PA	-	92	6.09E-09	1	1749.924	-0.17	Head	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_90308	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	120	1.37E-11	1	1763.907	4.08	Malpighian tubule	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_90445	ASITELCK	AGAP001630-PA	C7(Carbamidomethyl)	46	0.000326379	1	921.471	0.22	Malpighian tubule	2R:-:7026032-7026009	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_90760	RAIFGETDELIAEK	AGAP001630-PA	-	60	1.39E-05	1	1591.841	5.05	Midgut	2R:-:7025792-7025751	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_90777	KWFTENVSADVSNAIR	AGAP001630-PA	-	103	7.31E-10	1	1836.921	-1.38	Midgut	2R:-:7025519-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_93184	TATPEQAQEVHAALRK	AGAP001630-PA	-	106	2.76E-10	1	1749.925	0.25	Pupa	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_93212	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	93	9.31E-09	1	1388.723	2.17	Ovary	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_93573	TATPEQAQEVHAALRK	AGAP001630-PA	-	92	6.50E-09	1	1749.925	0.52	Male reproductive organs	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_94358	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	83	8.46E-08	2	1337.677	-0.36	Midgut	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_94851	KWFTENVSADVSNAIR	AGAP001630-PA	-	106	3.82E-10	2	1836.926	1.21	Head	2R:-:7025519-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_95765	DWSNVVIAYEPVWAIGTGK	AGAP001630-PA	-	94	5.95E-09	2	2105.074	1.88	Ovary	2R:-:7025621-7025565	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_97486	DLGLGWVILGHSER	AGAP001630-PA	-	127	1.90E-12	1	1551.829	0.97	Ovary	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_98467	DLGLGWVILGHSER	AGAP001630-PA	-	130	9.46E-13	1	1551.831	1.76	Head	2R:-:7025834-7025793	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_99092	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	-	170	2.87E-17	1	3068.680	0.78	Visceras	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_99456	FCVGGNWK	AGAP001630-PA	C2(Carbamidomethyl)	50	9.69E-05	1	967.446	0.95	Malpighian tubule	2R:-:7026071-7026048	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_100483	DWSNVVIAYEPVWAIGTGK	AGAP001630-PA	-	93	6.94E-09	1	2105.071	0.49	Midgut	2R:-:7025621-7025565	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_101171	GAFTGEISPAMLK	AGAP001630-PA	M11(Oxidation)	85	6.01E-08	1	1321.684	1.6	Head	2R:-:7025873-7025835	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_102079	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	123	4.88E-12	1	2697.393	0.5	Head	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_103897	EAGQTEAVCFR	AGAP001630-PA	C9(Carbamidomethyl)	76	2.66E-07	1	1267.572	-1.04	Visceras	2R:-:7025684-7025652	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_104359	ELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	-	236	8.43E-24	1	3068.677	-0.48	Ovary	2R:-:7025432-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_104552	IQYGGSVTAANCR	AGAP001630-PA	C12(Carbamidomethyl)	106	3.58E-10	1	1396.662	-1.02	Ovary	2R:-:7025471-7025433	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_106290	AIAAQVK	AGAP001630-PA	-	43	0.000419621	2	700.434	-1.67	Head	2R:-:7025642-7025622	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_107264	FCVGGNWK	AGAP001630-PA	C2(Carbamidomethyl)	37	0.002224956	1	967.446	0.25	Midgut	2R:-:7026071-7026048	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_107997	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	111	1.23E-10	1	1763.899	-0.35	Midgut	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_108566	DWSNVVIAYEPVWAIGTGK	AGAP001630-PA	-	120	1.45E-11	1	2105.078	3.85	Visceras	2R:-:7025621-7025565	exon=> In CDS Exon 1 of transcript AGAP001630-PA

JHU_Ag_108837	TATPEQAQEVHAALR	AGAP001630-PA	-	87	2.95E-08	1	1621.827	-1.44	Ovary	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_110630	TATPEQAQEVHAALR	AGAP001630-PA	-	97	2.75E-09	1	1621.834	2.9	Pupa	2R:-:7025564-7025520	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_112151	IQYGGSVTAANCRELAAKPDIDGFLVGGASLKPEFIQIVNAR	AGAP001630-PA	C12(Carbamidomethyl)	97	8.71E-10	1	4446.303	-4.68	Malpighian tubule	2R:-:7025471-7025346	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_113053	VIACIGETLQER	AGAP001630-PA	C4(Carbamidomethyl)	78	2.51E-07	1	1388.722	1.56	Male reproductive organs	2R:-:7025720-7025685	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_114829	TLSAGPLDPNTEVVVGCPAPYLSLAR	AGAP001630-PA	C17(Carbamidomethyl)	54	4.04E-05	1	2697.385	-2.56	Salivary gland	2R:-:7026008-7025931	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_117034	VAHALAEGLK	AGAP001630-PA	-	64	2.22E-06	1	1008.582	-1.32	Ovary	2R:-:7025750-7025721	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_117177	TATPEQAQEVHAALRK	AGAP001630-PA	-	49	0.000144888	1	1749.923	-0.54	Salivary gland	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_117310	TATPEQAQEVHAALRK	AGAP001630-PA	-	93	5.72E-09	1	1749.922	-1.57	Midgut	2R:-:7025564-7025517	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_117361	WFTENVSADVSNAIR	AGAP001630-PA	-	91	1.32E-08	1	1708.835	3.44	Malpighian tubule	2R:-:7025516-7025472	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_117635	SLLPETIGVAAQNCYK	AGAP001630-PA	C14(Carbamidomethyl)	103	6.85E-10	1	1763.901	0.69	Ovary	2R:-:7025930-7025883	exon=> In CDS Exon 1 of transcript AGAP001630-PA
JHU_Ag_111518	SDIGVPIRPKR	AGAP001632-PA	-	30	0.001811499	1	1237.743	4.32	Ovary	2R:-:7050151-7050119	exon=> In CDS Exon 12 of transcript AGAP001632-PA
JHU_Ag_11	CVYDQYEILEEIGTGAFGVVHR	AGAP001633-PA	C1(Carbamidomethyl)	138	2.23E-13	1	2555.230	2.66	Visceras	2R:-:7155765-7155700	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_113	MVYGTVPR	AGAP001633-PA	-	37	0.002171887	2	922.480	-1.57	Visceras	2R:-:7160781-7160758	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_230	YWLLNK	AGAP001633-PA	-	40	0.000847308	1	836.470	4.42	Pupa	2R:-:7167546-7167529	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_283	GLEAPSIEIIR	AGAP001633-PA	-	61	4.17E-06	1	1197.684	0.35	Head	2R:-:7177823-7177791	exon=> In CDS Exon 8 of transcript AGAP001633-PA
JHU_Ag_397	DIVFEKPPATKPIIDAK	AGAP001633-PA	-	55	8.57E-06	1	1882.076	3.72	Larva	2R:-:7178796-7178746	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_418	MTAPADATAATVPDLLEGQK	AGAP001633-PA	M1(Oxidation)	46	0.000416773	1	2015.995	-0.42	Male reproductive organs	2R:-:7164924-7164865	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_439	SDGGAPVTEYIIQKR	AGAP001633-PA	-	38	0.002313995	1	1633.860	3.25	Pupa	2R:-:7168764-7168720	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_824	LAWQPPVSDGGSPITGYVVEVK	AGAP001633-PA	-	65	3.60E-06	2	2299.208	4.71	Larva	2R:-:7165017-7164952	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_827	THDTHMDVANLEPGQEYLFR	AGAP001633-PA	-	90	0.000000013	1	2373.097	1.89	Visceras	2R:-:7167201-7167142	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_886	TPLDDGGSPITNYIVER	AGAP001633-PA	-	124	6.57E-12	1	1846.923	2.67	Ovary	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1049	YVKPFIEGEGLQPITLK	AGAP001633-PA	-	90	3.51E-09	1	1932.090	2.86	Pupa	2R:-:7172928-7172878	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_1068	DNSYQVYNLLPGREYEFR	AGAP001633-PA	-	79	1.75E-07	1	2263.081	1.39	Head	2R:-:7158387-7158334	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1242	NDYEEPSQPPKPEVR	AGAP001633-PA	-	50	0.000137194	2	1784.848	1.42	Pupa	2R:-:7162425-7162381	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1272	TVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	138	2.05E-13	1	2449.230	-0.73	Head	2R:-:7160406-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1277	DLSISAGSMLK	AGAP001633-PA	M9(Oxidation)	75	5.10E-07	2	1137.581	-1.06	Head	2R:-:7165629-7165597	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1318	LQNYDYSTK	AGAP001633-PA	-	43	0.000547603	1	1131.531	-1.04	Male reproductive organs	2R:-:7164624-7164598	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1413	FLTDWTECAK	AGAP001633-PA	C8(Carbamidomethyl)	78	1.45E-07	1	1270.579	1.07	Visceras	2R:-:7171993-7171964	exon=> In CDS Exon 15 of transcript AGAP001633-PA

JHU_Ag_1470	TPLDDGGSPITNYIVER	AGAP001633-PA	-	106	3.77E-10	2	1846.927	4.92	Larva	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1659	TVNPYDPPEAPGKPAVDDYGVDFVELK	AGAP001633-PA	-	53	6.10E-05	1	2932.427	0.64	Midgut	2R:-:7172346-7173740,7171822-7172060	exon=> In CDS Exon 15 and 14 of transcript AGAP001633-PA
JHU_Ag_1679	LIDFGLATKLNPNEMVK	AGAP001633-PA	M15(Oxidation)	50	8.73E-05	1	1919.043	6.5	Malpighian tubule	2R:-:7155333-7155283	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1801	SVETNADINGLQDGKK	AGAP001633-PA	N9(Deamidated)	117	3.46E-11	1	1688.850	3.09	Visceras	2R:-:7165212-7165165	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_1863	TRGTVEDVEEGHEYEFR	AGAP001633-PA	-	41	0.000862378	1	2052.925	-0.39	Male reproductive organs	2R:-:7168668-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_2165	EFEVIVVDRPQPPK	AGAP001633-PA	-	46	0.000146513	2	1652.905	2.49	Pupa	2R:-:7160952-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_2362	VIAVNAAGESEPSDATDAVLTR	AGAP001633-PA	-	122	8.80E-12	1	2186.094	0.29	Pupa	2R:-:7162188-7162123	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_2449	AVNSEGESEPLETDTSIK	AGAP001633-PA	-	66	3.24E-06	2	1905.900	4.12	Malpighian tubule	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_2502	VTWEFK	AGAP001633-PA	-	33	0.005273251	1	809.419	-0.17	Visceras	2R:-:7168440-7168423	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_2525	VIAKPKPK	AGAP001633-PA	-	20	0.00291153	1	880.598	0.26	Visceras	2R:-:7178493-7178470	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_2527	LELTDAGEIR	AGAP001633-PA	-	40	0.001484171	2	1116.591	0.82	Pupa	2R:-:7174054-7174025	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_2543	DIVFEKPPATKPIIDAK	AGAP001633-PA	-	64	1.11E-06	1	1882.068	-0.46	Midgut	2R:-:7178796-7178746	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_2801	EAISDYDDYVFDVYSK	AGAP001633-PA	-	135	2.22E-13	1	1928.847	1.58	Head	2R:-:7155846-7155799	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_2860	NPSGYDIATCNVK	AGAP001633-PA	C10(Carbamidomethyl)	68	2.04E-06	1	1438.667	2.7	Male reproductive organs	2R:-:7159788-7159750	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_2861	AENASGYDEAQLTVTVLDKPTAPEGPLK	AGAP001633-PA	-	172	6.95E-17	1	2914.470	0.55	Visceras	2R:-:7167417-7167334	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_3002	STHYDNMGMEANKPYNFR	AGAP001633-PA	M7(Oxidation), M9(Oxidation)	30	0.004209326	1	2206.924	-1.78	Head	2R:-:7158687-7158634	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3054	LIAVNEIGQSEPSRPSITVTLAEQPNKPMMDLSNVR	AGAP001633-PA	M29(Oxidation), M30(Oxidation)	105	1.82E-10	1	3967.033	1.59	Visceras	2R:-:7160103-7159996	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3083	VSAINAEGESKPLEMAGDFIAK	AGAP001633-PA	M15(Oxidation)	102	7.79E-10	1	2293.146	3.5	Pupa	2R:-:7165152-7165087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3213	QGESTPLVTSQPITAK	AGAP001633-PA	-	96	2.94E-09	1	1656.882	1.07	Head	2R:-:7163358-7163311	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3235	NPYDEPWKPGTPEIVDFDDK	AGAP001633-PA	-	144	6.12E-14	1	2362.095	3.39	Larva	2R:-:7170918-7170859	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_3291	GDSGDYEITATNSSGR	AGAP001633-PA	-	95	1.93E-09	1	1629.699	-0.06	Visceras	2R:-:7165455-7165408	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3293	HLTENHEYVFR	AGAP001633-PA	-	58	2.14E-05	1	1444.694	-2.19	Male reproductive organs	2R:-:7160739-7160707	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3432	VTDVTAEGCK	AGAP001633-PA	C9(Carbamidomethyl)	61	1.24E-05	2	1079.505	0.82	Visceras	2R:-:7168221-7168192	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_3529	VLVVDKPSPPIGPLEVSEITPESCTLSWK	AGAP001633-PA	C24(Carbamidomethyl)	121	5.84E-12	1	3177.687	3.67	Visceras	2R:-:7158870-7158784	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3536	DDGGSEILHYVVEK	AGAP001633-PA	-	90	1.57E-08	1	1560.762	5	Midgut	2R:-:7163517-7163476	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3738	LSEYSALR	AGAP001633-PA	-	38	0.001668816	2	938.493	-0.92	Head	2R:-:7154865-7154842	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3794	AGQSEPSDISDSVVAK	AGAP001633-PA	-	119	2.36E-11	1	1589.768	1.86	Head	2R:-:7168599-7168552	exon=> In CDS Exon 18 of transcript AGAP001633-PA

JHU_Ag_3816	VSAINAEGESKPLEMAGDFIAK	AGAP001633-PA	M15(Oxidation)	97	2.51E-09	1	2293.139	0.47	Midgut	2R:-:7165152-7165087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3876	GEQIESGSHYHIETR	AGAP001633-PA	-	96	2.93E-09	1	1742.807	-1.15	Male reproductive organs	2R:-:7156374-7156330	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_3976	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	110	1.09E-10	1	1824.938	2.48	Visceras	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_4024	VLVVDKPSPPIGPLEVSEITPESCTLSWK	AGAP001633-PA	C24(Carbamidomethyl)	97	1.43E-09	1	3177.676	0.32	Head	2R:-:7158870-7158784	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4054	DQFVVPGPPTKPDIIDSGYEQITLSWKP PISDGGSR	AGAP001633-PA	-	106	1.89E-10	1	3896.987	4.22	Visceras	2R:-:7161531-7161424	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4261	CVSNADKTEAEIFVK	AGAP001633-PA	C1(Carbamidomethyl)	118	3.10E-11	1	1710.837	-0.02	Visceras	2R:-:7174367-7174323	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_4263	DKYSPIWEK	AGAP001633-PA	-	52	9.74E-05	1	1165.590	1.01	Pupa	2R:-:7165839-7165813	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4301	AGVSDPSEPSEPVVCK	AGAP001633-PA	C15(Carbamidomethyl)	87	2.74E-08	1	1657.775	0.58	Male reproductive organs	2R:-:7163055-7163008	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4389	KPADDGGSPILEYK	AGAP001633-PA	-	90	1.68E-08	1	1489.757	2.28	Head	2R:-:7171143-7171102	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_4406	TASIECSVASR	AGAP001633-PA	C6(Carbamidomethyl)	51	0.000116447	2	1180.562	-0.25	Male reproductive organs	2R:-:7179033-7179001	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_4461	NLSVAIGEPFGFDVK	AGAP001633-PA	-	49	0.000156994	1	1592.835	1.91	Ovary	2R:-:7166664-7166620	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_4474	LATEGHWSK	AGAP001633-PA	-	65	2.57E-06	1	1028.515	-1.16	Pupa	2R:-:7159320-7159294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4511	KLLIQK	AGAP001633-PA	Q5(Deamidated)	32	0.002600347	1	743.514	14.81	Head	2R:-:7154841-7154824	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4704	LGAPTNEAR	AGAP001633-PA	-	54	3.37E-05	2	928.484	-1.18	Visceras	2R:-:7154037-7154011	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4831	ITGVPRPR	AGAP001633-PA	-	38	0.000489647	2	895.548	0.78	Pupa	2R:-:7156704-7156681	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4837	APADAEEFDVTGLQEGQHYKFR	AGAP001633-PA	-	73	6.48E-07	1	2508.191	4.57	Malpighian tubule	2R:-:7170061-7169996	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_4840	GGHSPYSPVSDPVTVK	AGAP001633-PA	-	79	1.81E-07	1	1626.812	-0.13	Male reproductive organs	2R:-:7167708-7167661	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_4947	TTMTALGHHTIVHTVNCNR	AGAP001633-PA	M3(Oxidation), C17(Carbamidomethyl)	131	1.29E-12	1	2179.053	1.57	Head	2R:-:7161969-7161913	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_4980	SDGGAPVTEYIIQK	AGAP001633-PA	-	78	2.41E-07	1	1477.754	0.24	Visceras	2R:-:7168764-7168723	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_5139	EESGTYQLDAENENGK	AGAP001633-PA	N14(Deamidated)	106	1.53E-10	2	1783.764	1.37	Head	2R:-:7164573-7164526	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_5210	GIPIKPPVIK	AGAP001633-PA	-	22	0.000500938	2	1061.707	-1.16	Pupa	2R:-:7153507-7153478	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_5289	DDGGSPITHYVIEK	AGAP001633-PA	-	98	2.63E-09	1	1530.749	3.78	Head	2R:-:7162632-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_5341	AINDEGESEPLETEEYIVAK	AGAP001633-PA	-	101	1.12E-09	1	2236.049	-0.8	Male reproductive organs	2R:-:7169989-7169930	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_5440	GTVEDVEEGHEYEFR	AGAP001633-PA	-	95	2.59E-09	1	1795.786	4.9	Larva	2R:-:7168662-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_5530	AANQYGEDVKEFEVIVVDRPQPPK	AGAP001633-PA	-	152	6.08E-15	1	2728.408	5.14	Head	2R:-:7160982-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_5646	LDTDALR	AGAP001633-PA	-	41	0.002054718	2	803.427	1.93	Head	2R:-:7163475-7163455	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_5743	DDGGVPIDHYVIEK	AGAP001633-PA	-	46	0.00042349	1	1556.760	0.64	Pupa	2R:-:7166264-7166223	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_5785	DTAFFDNGENIEIK	AGAP001633-PA	N7(Deamidated)	72	6.94E-07	1	1613.736	2.07	Head	2R:-:7156464-7156423	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_5787	VSSYCTTTYLK	AGAP001633-PA	C5(Carbamidomethyl)	56	3.80E-05	2	1322.630	0.09	Midgut	2R:-:7159590-7159558	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_5808	GKPVDGKEDER	AGAP001633-PA	-	37	0.001899869	2	1229.615	2.07	Visceras	2R:-:7168422-7168390	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_5881	STHYDNMGMEANKPYNFR	AGAP001633-PA	M7(Oxidation), M9(Oxidation)	34	0.001676831	1	2206.922	-2.93	Midgut	2R:-:7158687-7158634	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_5911	SKPAAPEGPLEVK	AGAP001633-PA	-	37	0.00130991	1	1322.731	-0.58	Pupa	2R:-:7166415-7166696,7166042-7166310	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_5964	NPYDEPWKPGTPEIVDFDDK	AGAP001633-PA	-	40	0.001433186	1	2362.089	0.75	Male reproductive organs	2R:-:7170918-7170859	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_6019	LQWYK	AGAP001633-PA	-	37	0.002032357	2	737.397	-1.05	Visceras	2R:-:7153102-7153088	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_6022	NVTVEDAGSYK	AGAP001633-PA	-	64	5.60E-06	2	1182.562	-1.84	Pupa	2R:-:7178577-7178545	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_6080	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	136	4.03E-13	2	2280.119	-2.33	Head	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_6111	VTWEFK	AGAP001633-PA	-	37	0.002009247	2	809.420	1.11	Pupa	2R:-:7168440-7168423	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_6262	VIGVNAEGDGEPLESDEVVAK	AGAP001633-PA	N5(Deamidated)	133	8.26E-13	1	2127.044	-0.85	Male reproductive organs	2R:-:7170981-7170919	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_6813	LVVSNSSGTDEGSFNLTVLDRPDPPQGPTVYEEITEK	AGAP001633-PA	-	97	1.68E-09	3	3990.950	1.07	Visceras	2R:-:7161891-7161781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_6818	RLEILNTDYNSK	AGAP001633-PA	-	76	3.33E-07	2	1465.765	0.16	Male reproductive organs	2R:-:7165515-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_6895	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	88	2.04E-08	1	1899.941	3.4	Malpighian tubule	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_7228	YENWASFVLPLGR	AGAP001633-PA	-	81	9.83E-08	1	1551.800	3.12	Head	2R:-:7154904-7154866	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_7238	YGLSEPAQADSIVAK	AGAP001633-PA	-	80	1.87E-07	1	1548.790	-0.18	Midgut	2R:-:7159500-7159456	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_7343	VQTRPVVGYYVEK	AGAP001633-PA	-	73	3.48E-07	1	1537.834	-1.97	Visceras	2R:-:7160556-7160518	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_7368	ASETVIQEFTGR	AGAP001633-PA	-	40	0.001604712	2	1337.675	4.18	Larva	2R:-:7178634-7178599	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_7400	LATEGHWSK	AGAP001633-PA	-	65	3.30E-06	1	1028.516	-0.33	Head	2R:-:7159320-7159294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_7592	DIVFEKPPATKPIIDAK	AGAP001633-PA	-	106	8.96E-11	1	1882.059	-5.32	Head	2R:-:7178796-7178746	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_7658	AENIYGASEPTESKPISPK	AGAP001633-PA	-	83	9.73E-08	1	2018.004	-1.71	Midgut	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_7817	LGTLITMK	AGAP001633-PA	M7(Oxidation)	41	0.000621307	2	892.517	-0.14	Visceras	2R:-:7179725-7179702	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_7822	AVFSCETYEAPSK	AGAP001633-PA	C5(Carbamidomethyl)	61	6.17E-06	2	1488.666	-0.77	Midgut	2R:-:7153141-7153103	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_7884	GDSGDYEITATNSSGR	AGAP001633-PA	-	107	1.10E-10	2	1629.699	0.09	Head	2R:-:7165455-7165408	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_7903	IENGNYHTNFSIK	AGAP001633-PA	N3(Deamidated)	61	9.70E-06	1	1537.729	0.24	Male reproductive organs	2R:-:7171347-7171309	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_8008	HLTENHEYVFR	AGAP001633-PA	N5(Deamidated)	74	5.17E-07	1	1444.690	-4.98	Head	2R:-:7160739-7160707	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8176	IIVPYTATPKPDAIWMVNGNEVSR	AGAP001633-PA	M16(Oxidation)	67	1.76E-06	1	2687.405	6.79	Head	2R:-:7159074-7159003	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8286	ISGEPAPDVDWTINDR	AGAP001633-PA	-	65	4.80E-06	1	1784.853	4.69	Larva	2R:-:7166619-7166572	exon=> In CDS Exon 19 of transcript AGAP001633-PA

JHU_Ag_8302	EVYNNEVSLEIPFSVR	AGAP001633-PA	-	47	0.000282556	1	1894.955	0.15	Ovary	2R:-:7162842-7162795	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8550	DDGGCDIEYYQIER	AGAP001633-PA	C5(Carbamidomethyl)	84	9.62E-09	1	1732.714	1.05	Male reproductive organs	2R:-:7165293-7165252	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8572	VSIDTNMEQTVFR	AGAP001633-PA	M7(Oxidation)	68	2.19E-06	2	1555.743	0.68	Pupa	2R:-:7161066-7161028	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8647	GPYDLPSAPGVPIIHEVGGDFVNLEWEKPVSDGGAR	AGAP001633-PA	-	76	2.37E-07	1	3774.886	2.64	Head	2R:-:7157097-7156990	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8657	LSEYSALRK	AGAP001633-PA	-	52	5.14E-05	1	1066.584	-5.16	Head	2R:-:7154865-7154839	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8947	AETSCVVIVEDHR	AGAP001633-PA	C5(Carbamidomethyl)	94	5.06E-09	1	1514.726	-0.55	Visceras	2R:-:7154166-7154128	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_8948	FDVAISGEPAPK	AGAP001633-PA	-	56	3.79E-05	2	1230.637	-0.02	Head	2R:-:7165596-7165561	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_9267	AVNSEGESEPLETDTSIK	AGAP001633-PA	-	46	0.000371782	2	1905.889	-1.64	Midgut	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_9336	FVIRPQSAFCYEGQSCK	AGAP001633-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	68	2.22E-06	1	2076.963	0.02	Male reproductive organs	2R:-:7154775-7154725	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_9588	AENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	57	2.01E-05	2	2213.158	5.79	Ovary	2R:-:7158627-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_9686	IKLDNEEYK	AGAP001633-PA	-	52	9.54E-05	1	1151.592	-2.15	Pupa	2R:-:7168389-7168363	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_9705	LNQLYDFR	AGAP001633-PA	-	62	6.70E-06	2	1068.552	4.22	Larva	2R:-:7159542-7159519	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_9942	YPFTVPDPPNPPR	AGAP001633-PA	-	75	4.62E-07	1	1496.755	1.41	Visceras	2R:-:7158567-7158529	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_10050	AGQSEPSDISDSVVAK	AGAP001633-PA	-	56	4.39E-05	2	1589.770	3.01	Larva	2R:-:7168599-7168552	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_10056	SKPAAPEGPLEVK	AGAP001633-PA	-	38	0.000944586	1	1322.730	-0.94	Head	2R:-:7166415-7166696,7166042-7166310	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_10165	FDPDNGIWMNAGK	AGAP001633-PA	M9(Oxidation)	54	3.75E-05	2	1480.653	0.42	Visceras	2R:-:7166222-7166184	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_10210	AKVPDLFEGTTYQFR	AGAP001633-PA	-	82	9.70E-08	2	1771.903	1.09	Visceras	2R:-:7167771-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_10563	NPSGYDIATCNVK	AGAP001633-PA	C10(Carbamidomethyl)	75	3.73E-07	1	1438.663	-0.44	Pupa	2R:-:7159788-7159750	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_10745	VTELNEGEVYEFK	AGAP001633-PA	-	86	3.42E-08	1	1556.750	1.12	Midgut	2R:-:7166877-7166839	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_11051	GLIEGSEYLFR	AGAP001633-PA	-	87	2.46E-08	2	1283.663	0.23	Pupa	2R:-:7157196-7157164	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_11138	DDSGMYTLIVK	AGAP001633-PA	M5(Oxidation)	87	2.37E-08	1	1257.606	2.05	Head	2R:-:7162794-7162762	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_11231	IENGNYHTNFSIK	AGAP001633-PA	N3(Deamidated)	58	2.52E-05	1	1537.738	6.2	Larva	2R:-:7171347-7171309	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_11240	FLTDWTECAK	AGAP001633-PA	C8(Carbamidomethyl)	67	1.76E-06	1	1270.580	2.03	Head	2R:-:7171993-7171964	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_11419	EGESTPLETLLAVK	AGAP001633-PA	-	56	3.22E-05	2	1486.804	2.53	Visceras	2R:-:7172388-7172347	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_11545	ATDWGTDFVK	AGAP001633-PA	-	41	0.000866359	2	1139.537	0.08	Midgut	2R:-:7165047-7165018	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_11654	DNSYQVYNLLPGR	AGAP001633-PA	-	66	3.94E-06	2	1538.763	2.22	Pupa	2R:-:7158387-7158349	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_11686	DDGGSPITHYVIEK	AGAP001633-PA	-	45	0.000533087	1	1530.747	2.51	Ovary	2R:-:7162632-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_11797	FLTDWTECAK	AGAP001633-PA	C8(Carbamidomethyl)	41	0.000823614	2	1270.582	4.05	Larva	2R:-:7171993-7171964	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_11805	DVLDTDKGVYLVNFK	AGAP001633-PA	-	51	9.33E-05	1	1725.908	1.24	Male reproductive organs	2R:-:7157481-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_11931	APENDGGSPITGYVVEK	AGAP001633-PA	-	108	2.95E-10	2	1732.836	-1.89	Midgut	2R:-:7164117-7164067	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_11991	YWLLNK	AGAP001633-PA	-	40	0.000892052	1	836.468	1.28	Head	2R:-:7167546-7167529	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_12171	ATLEVDNVTFEDSGK	AGAP001633-PA	-	116	3.38E-11	2	1624.773	1.9	Head	2R:-:7183079-7183035	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_12287	VSIDTNMEQTVFR	AGAP001633-PA	M7(Oxidation)	84	6.01E-08	1	1555.744	1.07	Head	2R:-:7161066-7161028	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_12302	YEYTMTHTDGVVTMEIIDTK	AGAP001633-PA	M5(Oxidation), M14(Oxidation)	40	0.001165098	1	2379.069	-1.82	Head	2R:-:7154277-7154218	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_12438	NGIDIANVNVTILDVPAPPEGPIRHENLSK	AGAP001633-PA	-	57	7.05E-06	1	3192.723	6.65	Head	2R:-:7163640-7163551	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_12451	KQDTFSKPLVDITCK	AGAP001633-PA	C14(Carbamidomethyl)	79	1.38E-07	2	1779.930	-0.52	Male reproductive organs	2R:-:7175211-7175167	exon=> In CDS Exon 11 of transcript AGAP001633-PA
JHU_Ag_12586	YTHTVVPR	AGAP001633-PA	-	53	5.20E-05	1	972.520	-6.52	Head	2R:-:7161651-7161628	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_12744	WKAPENDGGAPLEK	AGAP001633-PA	-	81	1.22E-07	1	1511.750	0.79	Visceras	2R:-:7173468-7173427	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_12758	DKYGEWER	AGAP001633-PA	-	45	0.000347793	1	1082.491	0.65	Pupa	2R:-:7164951-7164928	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_12796	AINDEGESEPLETEEYIVAK	AGAP001633-PA	-	78	2.32E-07	2	2236.054	1.49	Visceras	2R:-:7169989-7169930	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_12819	AKVPDLFEGTTYQFR	AGAP001633-PA	-	60	1.48E-05	1	1771.910	4.61	Larva	2R:-:7167771-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_12839	HPFDPPSQPGTPSR	AGAP001633-PA	-	38	0.00258583	1	1519.731	1.24	Midgut	2R:-:7159455-7159414	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_12878	LENSDKYVIGK	AGAP001633-PA	-	42	0.000782453	1	1265.672	-1.65	Pupa	2R:-:7174739-7174707	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_12967	YYAQYGGEPEPEVVWEK	AGAP001633-PA	-	68	2.19E-06	2	2043.943	4.66	Head	2R:-:7172859-7172809	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_13048	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	50	0.000153014	2	2280.126	0.67	Ovary	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_13057	ELATDADYKIDNVDYNTK	AGAP001633-PA	-	106	3.72E-10	1	2087.981	2.23	Midgut	2R:-:7169301-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_13145	VVFEATFTKPNSK	AGAP001633-PA	-	60	8.61E-06	1	1467.790	4.13	Malpighian tubule	2R:-:7175148-7175110	exon=> In CDS Exon 11 of transcript AGAP001633-PA
JHU_Ag_13214	ISGEPAPTKYWLLNK	AGAP001633-PA	-	39	0.000993773	2	1716.940	4.72	Head	2R:-:7167573-7167529	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_13246	LSDTVGNETEK	AGAP001633-PA	-	73	7.11E-07	1	1192.570	0.22	Pupa	2R:-:7174222-7174190	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_13488	NDSGSVSCNVNVHVTGLPGPPTGPLLVSHVTK	AGAP001633-PA	C8(Carbamidomethyl)	234	4.49E-23	1	3239.647	-0.4	Head	2R:-:7157436-7157341	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_13592	TDIKPDITWTR	AGAP001633-PA	-	49	0.000181079	1	1345.710	-0.62	Pupa	2R:-:7179374-7179342	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_13608	EIDIMNQLHHR	AGAP001633-PA	M5(Oxidation)	37	0.002907201	1	1421.696	0.7	Male reproductive organs	2R:-:7155615-7155583	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_13789	AENHYGSR	AGAP001633-PA	-	40	0.000635148	2	933.413	-4.77	Head	2R:-:7154559-7154536	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_13796	ETELKVEEQK	AGAP001633-PA	-	57	3.69E-05	1	1232.637	0.06	Head	2R:-:7178262-7178233	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_13803	AGVSDPSEPSEPVVCK	AGAP001633-PA	C15(Carbamidomethyl)	65	4.81E-06	1	1657.777	1.91	Pupa	2R:-:7163055-7163008	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_13891	SEELLSENAR	AGAP001633-PA	-	49	0.000206966	2	1147.558	-0.54	Visceras	2R:-:7184618-7184589	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_13995	LAWQPPVSDGGSPITGYVVEVK	AGAP001633-PA	-	90	1.22E-08	1	2299.196	-0.49	Visceras	2R:-:7165017-7164952	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_14126	AVFSCETYEAPSK	AGAP001633-PA	C5(Carbamidomethyl)	64	2.82E-06	1	1488.669	0.62	Male reproductive organs	2R:-:7153141-7153103	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_14129	AIETNSPNPTATVGGLVEGNEYQFR	AGAP001633-PA	-	120	1.54E-11	2	2664.296	2.1	Head	2R:-:7165812-7165738	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_14140	QIDGVAPTFIK	AGAP001633-PA	-	59	1.56E-05	2	1188.664	1.37	Visceras	2R:-:7183361-7183329	exon=> In CDS Exon 2 of transcript AGAP001633-PA
JHU_Ag_14230	ELMPLQSDSLMHPPEFTK	AGAP001633-PA	M3(Oxidation), M11(Oxidation)	53	7.58E-05	1	2132.003	-0.38	Male reproductive organs	2R:-:7153992-7165961,7153607-7153866	exon=> In CDS Exon 22 and 21 of transcript AGAP001633-PA
JHU_Ag_14365	NPSGTDTVDLELVVLAKPSK	AGAP001633-PA	-	70	8.19E-07	1	2083.131	1.42	Head	2R:-:7168299-7168240	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_14388	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	52	9.48E-05	1	1899.941	3.2	Larva	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_14599	NEHGQDEAEVEITILSSPSRPK	AGAP001633-PA	-	54	5.54E-05	1	2436.201	0.4	Midgut	2R:-:7170271-7170206	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_14728	AGQSEPSDISDSVVAK	AGAP001633-PA	-	108	2.38E-10	1	1589.765	-0.14	Male reproductive organs	2R:-:7168599-7168552	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_14802	GTVEDVEEGHEYEFR	AGAP001633-PA	-	109	7.62E-11	1	1795.776	-0.47	Pupa	2R:-:7168662-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_14929	AGNNVVFDVK	AGAP001633-PA	-	52	9.30E-05	2	1062.560	2.31	Salivary gland	2R:-:7164729-7164700	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_14941	ISTGTAEFAAPEIVER	AGAP001633-PA	-	98	2.31E-09	1	1690.873	4.73	Visceras	2R:-:7155282-7155235	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15017	ELATDADYKIDNVDYNTK	AGAP001633-PA	-	161	1.25E-15	1	2087.984	3.4	Head	2R:-:7169301-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_15033	IVESDKVQIVK	AGAP001633-PA	-	75	1.40E-07	1	1257.741	0.03	Head	2R:-:7174463-7174431	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_15038	VLVLDVPTQPIGPIKIEK	AGAP001633-PA	-	48	1.12E-05	1	1959.196	3.44	Malpighian tubule	2R:-:7172649-7172596	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_15045	DGKPVPPEDVDIVVENDK	AGAP001633-PA	-	67	3.44E-06	1	1964.983	0.77	Head	2R:-:7173696-7173643	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_15084	NSSGEFVTVGK	AGAP001633-PA	-	82	8.96E-08	2	1124.558	-0.01	Pupa	2R:-:7172682-7172650	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_15092	TVNPYDPPEAPGKPAVDDYGVDFVELK	AGAP001633-PA	-	117	2.68E-11	1	2932.433	2.51	Visceras	2R:-:7172346-7173740,7171822-7172060	exon=> In CDS Exon 15 and 14 of transcript AGAP001633-PA
JHU_Ag_15127	DILVIAR	AGAP001633-PA	-	38	0.001052703	1	799.504	0.84	Male reproductive organs	2R:-:7159107-7159087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15294	ISGYIIER	AGAP001633-PA	-	56	2.11E-05	2	950.531	0.29	Male reproductive organs	2R:-:7161423-7161400	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15478	EVYNNEVSLEIPFSVR	AGAP001633-PA	-	86	3.68E-08	2	1894.955	0.15	Midgut	2R:-:7162842-7162795	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15484	NPFDEPSAPR	AGAP001633-PA	-	52	4.96E-05	1	1129.527	0.06	Head	2R:-:7165086-7165057	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15596	GLIEGSEYLFR	AGAP001633-PA	-	83	6.50E-08	2	1283.667	3.18	Visceras	2R:-:7157196-7157164	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15599	HYEFR	AGAP001633-PA	-	31	0.006762231	2	751.350	-2.34	Head	2R:-:7156875-7156861	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15655	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	124	5.76E-12	2	2280.127	1.31	Visceras	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_15940	IDNVDYNTK	AGAP001633-PA	-	53	5.89E-05	1	1081.517	0.88	Pupa	2R:-:7169274-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA

JHU_Ag_15944	LVETEHIK	AGAP001633-PA	-	33	0.002967308	2	968.535	-6.28	Head	2R:-:7157544-7157521	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_15947	MVHYDVNVK	AGAP001633-PA	M1(Oxidation)	44	0.000538241	1	1120.541	-3.83	Head	2R:-:7170451-7170425	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_15963	SDGGATITEYIVQK	AGAP001633-PA	-	81	1.16E-07	2	1481.749	0.54	Male reproductive organs	2R:-:7162335-7162294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_16074	WIQANKYPVPNIEYTDTGVIK	AGAP001633-PA	-	36	0.00177088	1	2449.287	4.31	Pupa	2R:-:7161378-7161316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_16198	IVAQNVNGK	AGAP001633-PA	Q4(Deamidated), N7(Deamidated),"Q4(Deamidated), N5(Deamidated)"	42	0.001393524	1	944.517	13.4	Salivary gland	2R:-:7171275-7171249	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_16468	VTELNEGEVYEFK	AGAP001633-PA	-	99	1.68E-09	1	1556.749	0.41	Male reproductive organs	2R:-:7166877-7166839	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_16546	VLELTK	AGAP001633-PA	-	34	0.002291666	2	702.439	-0.48	Head	2R:-:7163112-7163095	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_16571	GGHSPYSPVSDPVTVK	AGAP001633-PA	-	92	8.30E-09	1	1626.809	-2.01	Pupa	2R:-:7167708-7167661	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_16573	LNQLYDFR	AGAP001633-PA	-	63	6.13E-06	2	1068.547	-0.24	Male reproductive organs	2R:-:7159542-7159519	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_16623	FRDTAFFDNGENIEIK	AGAP001633-PA	-	45	0.000475472	1	1915.925	3.53	Head	2R:-:7156470-7156423	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_17063	AGVSDPSEPSEPVVCK	AGAP001633-PA	C15(Carbamidomethyl)	87	2.64E-08	1	1657.770	-2.22	Midgut	2R:-:7163055-7163008	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_17094	NPYDAPSAPGKPKPTDWSR	AGAP001633-PA	-	94	6.28E-09	1	2084.019	-0.23	Visceras	2R:-:7167963-7167907	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_17376	VYAVNNYGVSPPSAETR	AGAP001633-PA	-	39	0.002130653	2	1823.896	1.78	Ovary	2R:-:7158030-7157980	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_17449	ATDWGTDFVK	AGAP001633-PA	-	73	5.76E-07	1	1139.537	0.08	Pupa	2R:-:7165047-7165018	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_17479	AENASGYDEAQLTVTVLDKPTAPEGPLK	AGAP001633-PA	-	138	1.86E-13	1	2914.459	-3.05	Head	2R:-:7167417-7167334	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_17489	NALKDLVVPVGK	AGAP001633-PA	-	43	7.45E-05	2	1252.763	0.06	Visceras	2R:-:7162977-7162942	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_17531	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	-	97	2.23E-09	1	2205.007	-1.03	Ovary	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_17532	YTIVATNSQGEDR	AGAP001633-PA	-	94	5.27E-09	1	1453.691	-0.58	Pupa	2R:-:7169208-7169170	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_17592	DDGGVPIDHYVIEK	AGAP001633-PA	-	74	5.60E-07	1	1556.759	-0.22	Visceras	2R:-:7166264-7166223	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_17613	SKPAAPEGPLEVK	AGAP001633-PA	-	63	2.97E-06	1	1322.732	0.36	Visceras	2R:-:7166415-7166696,7166042-7166310	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_17624	DLQIPDLATETEYEFR	AGAP001633-PA	-	116	3.61E-11	1	1939.929	0.23	Visceras	2R:-:7162236-7162189	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_17729	IEETREGEFSVK	AGAP001633-PA	-	53	7.73E-05	2	1423.709	1.92	Visceras	2R:-:7178931-7178896	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_17902	EGESTPLETLLAVK	AGAP001633-PA	-	44	0.000531041	2	1486.805	3.11	Pupa	2R:-:7172388-7172347	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_18075	ILEYNYK	AGAP001633-PA	-	36	0.002911986	2	942.492	-0.75	Visceras	2R:-:7174595-7174575	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_18208	QVPIYKPETLTIR	AGAP001633-PA	-	33	0.001502605	1	1557.912	7.75	Malpighian tubule	2R:-:7154496-7154458	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_18214	IRPDNLIEGHSYQFR	AGAP001633-PA	-	53	7.52E-05	1	1844.943	1.39	Head	2R:-:7163421-7163377	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_18308	TNLKPIVVR	AGAP001633-PA	-	32	0.000602896	1	1039.663	0.34	Head	2R:-:7170487-7170461	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_18347	AGLTFEFDVPVSGEPVPAK	AGAP001633-PA	-	63	7.21E-06	1	1960.011	2.15	Visceras	2R:-:7163835-7163779	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_18471	RYAGDDYYFIINR	AGAP001633-PA	-	66	3.89E-06	1	1665.803	0.82	Head	2R:-:7154634-7154596	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_18535	KDEIFNGSK	AGAP001633-PA	N6(Deamidated)	45	0.000416636	2	1038.510	-0.44	Pupa	2R:-:7175091-7175211,7174322-7174998	exon=> In CDS Exon 12 and 11 of transcript AGAP001633-PA
JHU_Ag_18576	DPYSVPSKPGRPQPTNWSK	AGAP001633-PA	-	78	2.40E-07	1	2141.083	2.38	Head	2R:-:7168854-7168798	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_18621	VQTRPVVGYYVEKR	AGAP001633-PA	-	75	1.06E-07	1	1693.946	4.46	Malpighian tubule	2R:-:7160556-7160515	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_18863	NLSVAIGEPFGFDVK	AGAP001633-PA	-	77	2.64E-07	1	1592.833	0.45	Midgut	2R:-:7166664-7166620	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_18924	EKDSPYWSNAGR	AGAP001633-PA	-	48	0.000188966	2	1409.648	2.15	Head	2R:-:7162290-7162255	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19082	YVKPFIEGEGLQPITLK	AGAP001633-PA	-	86	8.40E-09	1	1932.089	2.48	Head	2R:-:7172928-7172878	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_19112	DGSEVFVSCSINCADPFSVIWLHDNR	AGAP001633-PA	C9(Carbamidomethyl), C13(Carbamidomethyl)	96	2.44E-09	1	3024.369	2.55	Visceras	2R:-:7153450-7153373	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_19302	KPDDDGGKPITGYELQK	AGAP001633-PA	-	79	1.93E-07	1	1860.936	1.15	Visceras	2R:-:7170151-7170101	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_19336	VSDWDANYVTVTWERPLMDGGSR	AGAP001633-PA	-	125	4.01E-12	1	2654.238	2.78	Pupa	2R:-:7158528-7158460	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19356	NPFDEPSAPR	AGAP001633-PA	-	52	4.97E-05	1	1129.526	-1.13	Male reproductive organs	2R:-:7165086-7165057	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19386	GDSGDYEITATNSSGR	AGAP001633-PA	-	115	2.01E-11	2	1629.700	0.61	Male reproductive organs	2R:-:7165455-7165408	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19405	KGPTSTSRPEGK	AGAP001633-PA	-	51	0.000135528	2	1244.657	-1.61	Head	2R:-:7153607-7153909,7152914-7153508	exon=> In CDS Exon 23 and 22 of transcript AGAP001633-PA
JHU_Ag_19416	LIHNK	AGAP001633-PA	-	23	0.008303716	1	624.382	-0.55	Head	2R:-:7162521-7162507	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19453	AGVSDPSEPSEPVVCK	AGAP001633-PA	C15(Carbamidomethyl)	99	2.04E-09	1	1657.776	1.54	Visceras	2R:-:7163055-7163008	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19577	SDGGATITEYIVQK	AGAP001633-PA	-	86	4.14E-08	2	1481.750	1.36	Pupa	2R:-:7162335-7162294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19600	SKPAAPEGPLEVK	AGAP001633-PA	-	28	0.010721148	1	1322.731	-0.39	Midgut	2R:-:7166415-7166696,7166042-7166310	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_19653	HTVLTIR	AGAP001633-PA	-	38	0.00044194	2	839.509	-0.77	Pupa	2R:-:7156323-7156303	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19762	AGQSEPSDISDSVVAK	AGAP001633-PA	-	104	7.24E-10	1	1589.768	1.63	Visceras	2R:-:7168599-7168552	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_19802	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	95	3.62E-09	1	1824.946	6.62	Malpighian tubule	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_19886	TIDNVPYNSK	AGAP001633-PA	-	46	0.000392801	1	1150.576	1.48	Head	2R:-:7166547-7166518	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_19954	VYAVNNYGVSPPSAETR	AGAP001633-PA	N5(Deamidated),N6(Deamidated)	102	1.07E-09	2	1823.893	0.57	Male reproductive organs	2R:-:7158030-7157980	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_19987	YWLLNK	AGAP001633-PA	-	41	0.00069086	1	836.468	2.15	Male reproductive organs	2R:-:7167546-7167529	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_20232	KEAISDYDDYVFDVYSK	AGAP001633-PA	-	119	1.24E-11	1	2056.943	2.19	Visceras	2R:-:7155849-7155799	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_20255	ISGEPAPDVDWTINDR	AGAP001633-PA	-	90	1.53E-08	1	1784.846	0.39	Midgut	2R:-:7166619-7166572	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_20292	DGGAPITSYIVEK	AGAP001633-PA	-	41	0.001043079	2	1349.695	0.43	Male reproductive organs	2R:-:7163217-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_20414	LLCCVTGKPMPSVK	AGAP001633-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), M10(Oxidation)	43	0.000902712	1	1605.817	0.46	Male reproductive organs	2R:-:7154349-7154308	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_20439	VTELNEGEVYEFK	AGAP001633-PA	-	98	2.07E-09	1	1556.754	4.02	Larva	2R:-:7166877-7166839	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_20524	TVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	119	1.43E-11	1	2449.241	3.61	Larva	2R:-:7160406-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_20634	LGFHGDQPMEVNISK	AGAP001633-PA	M9(Oxidation)	69	1.81E-06	2	1687.812	0.75	Male reproductive organs	2R:-:7157601-7157557	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_20637	RADSGVYTLTAK	AGAP001633-PA	-	58	1.82E-05	1	1281.680	0.34	Midgut	2R:-:7163682-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_20780	ATLEVDNVTFEDSGK	AGAP001633-PA	N7(Deamidated)	141	1.30E-13	1	1624.773	1.53	Visceras	2R:-:7183079-7183035	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_20932	VPDLIEGTAYQFR	AGAP001633-PA	-	99	1.97E-09	1	1508.776	0.99	Visceras	2R:-:7163997-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_20950	DDGGSEILHYVVEK	AGAP001633-PA	-	69	1.87E-06	1	1560.758	2.81	Head	2R:-:7163517-7163476	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_20958	RADSGVYTLTAK	AGAP001633-PA	-	55	4.18E-05	2	1281.681	0.62	Pupa	2R:-:7163682-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_21010	DLQIPDLATETEYEFR	AGAP001633-PA	-	126	3.95E-12	1	1939.933	2.49	Head	2R:-:7162236-7162189	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_21150	VSGEPVPTTR	AGAP001633-PA	-	34	0.003485187	2	1042.554	0.92	Visceras	2R:-:7164699-7164670	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_21316	AVNSEGESEPLETDTSIK	AGAP001633-PA	N3(Deamidated)	133	7.08E-13	1	1905.890	-1.13	Head	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_21317	FVIRPQSAFCYEGQSCK	AGAP001633-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	97	2.55E-09	1	2076.958	-2.65	Visceras	2R:-:7154775-7154725	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_21405	TNLKNITIK	AGAP001633-PA	N5(Deamidated),N2(Deamidated)	33	0.00098274	1	1045.635	9.4	Head	2R:-:7171482-7171456	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_21500	DFVELEWAAPK	AGAP001633-PA	-	73	8.51E-07	2	1304.654	1.17	Head	2R:-:7168797-7168765	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_21730	APLDDGGMPIEGYEIEK	AGAP001633-PA	M8(Oxidation)	128	2.64E-12	1	1849.864	6.04	Larva	2R:-:7169070-7169020	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_21810	ITGVPRPR	AGAP001633-PA	-	37	0.000395523	2	895.550	2.69	Male reproductive organs	2R:-:7156704-7156681	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_21888	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	50	0.00014906	1	1899.934	-0.46	Midgut	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_21983	VYAVNNYGVSPPSAETR	AGAP001633-PA	-	81	1.57E-07	2	1823.891	-0.7	Midgut	2R:-:7158030-7157980	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_22050	DPYSVPSKPGRPQPTNWSK	AGAP001633-PA	-	58	2.09E-05	1	2141.083	2.73	Larva	2R:-:7168854-7168798	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_22075	IDRTNLNPVTIK	AGAP001633-PA	-	38	0.000694047	1	1383.800	3.06	Malpighian tubule	2R:-:7169415-7169380	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_22090	VSDWDANYVTVTWERPLMDGGSR	AGAP001633-PA	M18(Oxidation)	69	1.56E-06	1	2670.230	1.84	Midgut	2R:-:7158528-7158460	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_22188	ILGYYVER	AGAP001633-PA	-	35	0.002104536	2	1012.548	1.95	Pupa	2R:-:7158159-7158136	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_22217	VVYQFR	AGAP001633-PA	-	36	0.001990413	2	811.446	-0.11	Pupa	2R:-:7171915-7171898	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_22295	VSIDTNMEQTVFR	AGAP001633-PA	M7(Oxidation)	109	1.59E-10	1	1539.748	0.63	Visceras	2R:-:7161066-7161028	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_22333	LIDFGLATK	AGAP001633-PA	-	40	0.000847412	1	977.566	-0.2	Male reproductive organs	2R:-:7155333-7155307	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_22892	AGEGDPSRPTESHIAR	AGAP001633-PA	-	62	1.13E-05	1	1679.814	2.54	Malpighian tubule	2R:-:7163940-7163893	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23313	EEVIFLNVHPMSK	AGAP001633-PA	M11(Oxidation)	47	0.000330392	1	1558.786	-4.6	Male reproductive organs	2R:-:7154535-7154497	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23318	FHTQLTEEAASIVVVK	AGAP001633-PA	-	94	3.47E-09	2	1771.960	0.39	Viscera	2R:-:7159878-7159831	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23372	NPYDAPSAPGKPKPTDWSR	AGAP001633-PA	-	67	3.56E-06	1	2084.021	0.42	Head	2R:-:7167963-7167907	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_23448	TGVTLMWRPPKDDGGSEILHYVVEK	AGAP001633-PA	-	99	1.27E-09	1	2827.452	2.54	Viscera	2R:-:7163550-7163476	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23602	SVELTCEAHGKPEPTCR	AGAP001633-PA	C6(Carbamidomethyl), C16(Carbamidomethyl)	121	8.53E-12	1	1970.905	-0.52	Head	2R:-:7157895-7157845	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23656	YGLSEPAQADSIVAK	AGAP001633-PA	-	80	1.96E-07	1	1548.790	-0.18	Viscera	2R:-:7159500-7159456	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23679	KPDDDGGKPITGYELQK	AGAP001633-PA	-	62	1.06E-05	1	1860.932	-0.82	Midgut	2R:-:7170151-7170101	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_23692	AGEPIVITIPLVGAPLPTVEWSR	AGAP001633-PA	-	75	5.05E-08	1	2415.369	1.84	Viscera	2R:-:7161165-7161097	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23730	VLELTKDEEYEFR	AGAP001633-PA	-	87	3.38E-08	1	1670.830	1.5	Viscera	2R:-:7163112-7163074	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23757	GVYLVNFK	AGAP001633-PA	-	41	0.000550656	1	939.530	0.11	Head	2R:-:7157460-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_23889	VTELNEGEVYEFK	AGAP001633-PA	-	89	1.96E-08	1	1556.748	-0.06	Pupa	2R:-:7166877-7166839	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_24248	LEILNTDYNSK	AGAP001633-PA	-	41	0.00130473	2	1309.665	0.96	Male reproductive organs	2R:-:7165512-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24282	SKPAAPEGPLEVKDMTK	AGAP001633-PA	M15(Oxidation)	59	1.60E-05	1	1813.936	-0.53	Viscera	2R:-:7166415-7166696,7166042-7166298	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_24356	ITPPTAPGAPAVVK	AGAP001633-PA	-	31	0.002114258	1	1318.771	-1.2	Pupa	2R:-:7158261-7158220	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24387	IDIINNGDGTHQLVFNK	AGAP001633-PA	N6(Deamidated)	64	4.50E-06	2	1897.979	1.16	Pupa	2R:-:7174105-7174055	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_24439	DDGGVPIDHYVIEK	AGAP001633-PA	-	70	1.60E-06	1	1556.759	0.17	Male reproductive organs	2R:-:7166264-7166223	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_24444	VYAVNNYGVSPPSAETR	AGAP001633-PA	N5(Deamidated),N6(Deamidated)	103	8.98E-10	1	1823.896	1.98	Pupa	2R:-:7158030-7157980	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24455	DWDANSVTIGWNPPK	AGAP001633-PA	-	41	0.001275635	2	1699.822	8.4	Larva	2R:-:7162380-7162336	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24545	ITNITTEGCR	AGAP001633-PA	C9(Carbamidomethyl)	61	1.35E-05	2	1164.569	1.36	Viscera	2R:-:7162683-7162654	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24575	INQPSTPLR	AGAP001633-PA	-	42	0.000417595	1	1025.575	0.63	Head	2R:-:7176045-7176019	exon=> In CDS Exon 9 of transcript AGAP001633-PA
JHU_Ag_24787	QGESTPLVTSQPITAK	AGAP001633-PA	-	66	2.64E-06	2	1656.881	0.48	Male reproductive organs	2R:-:7163358-7163311	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24837	DDSGMYTLIVK	AGAP001633-PA	M5(Oxidation)	68	1.68E-06	2	1257.603	-0.09	Midgut	2R:-:7162794-7162762	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24887	NGVFSLHISNVTYR	AGAP001633-PA	N1(Deamidated)	105	3.57E-10	1	1606.837	2.05	Head	2R:-:7157787-7157746	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_24901	KLSDTVGNETEK	AGAP001633-PA	-	79	2.33E-07	2	1320.665	0.48	Pupa	2R:-:7174225-7174190	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_24930	EGDSEPLEMETVIIAK	AGAP001633-PA	-	37	0.003050683	2	1760.868	3.39	Pupa	2R:-:7168902-7168855	exon=> In CDS Exon 18 of transcript AGAP001633-PA

JHU_Ag_25278	AVEVPEGDVTSVKVPDLIEGTAYQFR	AGAP001633-PA	-	51	8.21E-05	3	2819.451	1.67	Midgut	2R:-:7164036-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_25306	RIDSGSYTIHLVNCVGK	AGAP001633-PA	C14(Carbamidomethyl)	68	2.70E-06	1	1918.981	0.1	Visceras	2R:-:7158939-7158889	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_25329	DTVTMACELDHVLGK	AGAP001633-PA	M5(Oxidation), C7(Carbamidomethyl)	60	1.09E-05	2	1704.796	1.6	Head	2R:-:7174535-7174491	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_25468	LNQLYDFR	AGAP001633-PA	-	63	5.40E-06	2	1068.547	-0.35	Visceras	2R:-:7159542-7159519	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_25546	RPNSDGGAAITGYFIEK	AGAP001633-PA	-	42	0.000812484	3	1795.902	2.28	Visceras	2R:-:7169848-7169798	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_25567	EGESTPLETLLAVK	AGAP001633-PA	-	53	7.28E-05	2	1486.800	0.07	Male reproductive organs	2R:-:7172388-7172347	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_25616	ANHVVISWQPPEDTGGCPLTGYLLEK	AGAP001633-PA	C17(Carbamidomethyl)	142	8.30E-14	1	2881.419	0.13	Visceras	2R:-:7172589-7172512	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_25690	IDNVDYNTK	AGAP001633-PA	-	37	0.002476909	2	1081.515	-0.7	Head	2R:-:7169274-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_25723	SEPSDQTELISLK	AGAP001633-PA	-	47	0.00038042	2	1446.734	1.22	Visceras	2R:-:7155963-7155925	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_25748	GLIEGSEYLFR	AGAP001633-PA	-	59	1.37E-05	2	1283.665	1.47	Ovary	2R:-:7157196-7157164	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_25809	VPDLFEGTTYQFR	AGAP001633-PA	-	93	8.68E-09	1	1572.771	0.85	Male reproductive organs	2R:-:7167765-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_25842	IQGYWIEK	AGAP001633-PA	-	34	0.004441677	2	1036.547	0.66	Pupa	2R:-:7156989-7156966	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_25900	VQNDGTLYR	AGAP001633-PA	-	67	3.61E-06	1	1065.532	0.01	Male reproductive organs	2R:-:7183106-7183080	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_25901	VAAVNAAGTSPFSNPSDPIMVSAAFTAPK	AGAP001633-PA	M20(Oxidation)	50	0.000110323	1	2818.417	3.02	Pupa	2R:-:7159218-7159132	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_25945	IKLDNEEYK	AGAP001633-PA	-	53	7.48E-05	1	1151.594	-0.03	Male reproductive organs	2R:-:7168389-7168363	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_26035	FLTDWTECAK	AGAP001633-PA	C8(Carbamidomethyl)	51	7.23E-05	1	1270.580	2.22	Midgut	2R:-:7171993-7171964	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_26074	HPFDPPSQPGTPSR	AGAP001633-PA	-	42	0.001014349	2	1519.729	0.35	Male reproductive organs	2R:-:7159455-7159414	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26088	DDGGSPITHYVIEK	AGAP001633-PA	-	72	9.51E-07	1	1530.749	3.78	Larva	2R:-:7162632-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26093	GVYLVNFK	AGAP001633-PA	-	45	0.000242748	2	939.529	-1.33	Visceras	2R:-:7157460-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26234	VQTRPVVGYYVEK	AGAP001633-PA	-	69	8.15E-07	1	1537.835	-1.37	Pupa	2R:-:7160556-7160518	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26365	VVDLPEKR	AGAP001633-PA	-	44	0.000245148	2	955.558	0.97	Pupa	2R:-:7169731-7169708	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_26366	NCTAEDADTYR	AGAP001633-PA	C2(Carbamidomethyl)	73	1.34E-07	1	1315.522	0.32	Head	2R:-:7174673-7174641	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_26472	EKPILGDDNYEIINK	AGAP001633-PA	-	51	0.000118228	2	1760.912	3.17	Pupa	2R:-:7170388-7170344	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_26494	VSAVNQAGQGNPSDSSVK	AGAP001633-PA	-	139	1.86E-13	1	1744.848	1.33	Pupa	2R:-:7161294-7161241	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26526	TVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	136	3.69E-13	1	2449.230	-0.58	Visceras	2R:-:7160406-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26563	TNLVEVR	AGAP001633-PA	-	40	0.002417879	2	830.473	-0.09	Midgut	2R:-:7164756-7164736	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26589	DSFSVPDTPSAPTVVDWSENHAVLK	AGAP001633-PA	-	42	0.000992296	1	2698.297	-1.14	Visceras	2R:-:7166051-7166347,7153983-7165897	exon=> In CDS Exon 21 and 20 of transcript AGAP001633-PA

JHU_Ag_26635	VAAQNEIGVSEFSK	AGAP001633-PA	-	116	4.23E-11	1	1478.751	1.54	Visceras	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26675	DDGGCDIEYYQIER	AGAP001633-PA	C5(Carbamidomethyl)	103	1.57E-10	1	1732.718	3.73	Head	2R:-:7165293-7165252	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26771	EFEVIVVDRPQPPK	AGAP001633-PA	-	84	2.32E-08	1	1652.903	1.31	Head	2R:-:7160952-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26822	AENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	118	1.96E-11	1	2213.145	-0.05	Midgut	2R:-:7158627-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26928	FHTQLTEEAASIVVVK	AGAP001633-PA	-	106	1.67E-10	2	1771.962	1.97	Head	2R:-:7159878-7159831	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_26973	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	109	1.72E-10	2	1824.935	0.54	Midgut	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_26995	VFAENVYGR	AGAP001633-PA	-	67	2.42E-06	1	1054.531	-0.34	Male reproductive organs	2R:-:7155990-7155964	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27095	LAWQPPVSDGGSPITGYVVEVK	AGAP001633-PA	-	75	3.66E-07	1	2299.201	1.73	Pupa	2R:-:7165017-7164952	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27105	DILVIAR	AGAP001633-PA	-	42	0.000478967	1	799.503	-0.53	Midgut	2R:-:7159107-7159087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27151	NPFDEPGKPGTPEAYDWDKNFVELR	AGAP001633-PA	-	75	4.35E-07	1	2921.385	3.67	Larva	2R:-:7167075-7167001	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_27212	MDVENGTWLQAGECSGDQLTFDFQHLQK	AGAP001633-PA	C14(Carbamidomethyl)	150	7.65E-15	1	3254.455	0.97	Visceras	2R:-:7172511-7172428	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_27259	YTIVATNSQGEDR	AGAP001633-PA	-	64	5.73E-06	2	1453.693	0.68	Midgut	2R:-:7169208-7169170	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_27292	EITHGGQYALESK	AGAP001633-PA	-	44	0.000632848	2	1432.708	0.58	Midgut	2R:-:7157826-7157788	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27446	AVNQGGASKPSNSTEPLK	AGAP001633-PA	-	47	0.00027244	1	1784.916	1.2	Larva	2R:-:7172994-7172941	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_27578	AKVPDLFEGTTYQFR	AGAP001633-PA	-	68	2.43E-06	1	1771.903	0.88	Midgut	2R:-:7167771-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_27605	DDGGSEILHYVVEK	AGAP001633-PA	-	82	9.48E-08	1	1560.756	1.48	Visceras	2R:-:7163517-7163476	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27649	VSAVNENGIGPALEGVDPIK	AGAP001633-PA	N7(Deamidated)	97	2.18E-09	1	1980.042	6.7	Pupa	2R:-:7157163-7157104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27702	DRYVKPFIEGEGLQPITLK	AGAP001633-PA	-	50	3.17E-05	1	2203.223	4.86	Visceras	2R:-:7172934-7172878	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_27754	FPASLSVLDGAK	AGAP001633-PA	-	89	1.33E-08	2	1204.658	0.8	Visceras	2R:-:7153177-7153142	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_27774	VIGVNAEGDGEPLESDEVVAK	AGAP001633-PA	-	117	3.21E-11	1	2127.053	3.63	Midgut	2R:-:7170981-7170919	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_27786	QGTWEFDEVAFR	AGAP001633-PA	-	85	3.45E-08	2	1484.687	4.14	Visceras	2R:-:7155117-7155082	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27907	EGDSEPLEMETVIIAK	AGAP001633-PA	M9(Oxidation)	52	0.000117333	2	1776.858	0.52	Male reproductive organs	2R:-:7168902-7168855	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_27928	DDGGSPITHYVIEK	AGAP001633-PA	-	96	4.25E-09	1	1530.750	4.1	Midgut	2R:-:7162632-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_27991	QGESTPLVTSQPITAK	AGAP001633-PA	-	83	6.41E-08	1	1656.882	1.29	Visceras	2R:-:7163358-7163311	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_28005	DTAFFDNGENIEIK	AGAP001633-PA	-	48	0.000233306	2	1612.750	0.64	Male reproductive organs	2R:-:7156464-7156423	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_28441	IVAQNVNGKDEETVELVVLGAPGRPQGK	AGAP001633-PA	-	120	3.10E-12	1	2917.575	0.18	Midgut	2R:-:7171275-7171192	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_28458	AINDEGESEPLETEEYIVAK	AGAP001633-PA	-	40	0.001639235	2	2236.056	2.58	Larva	2R:-:7169989-7169930	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_28558	GHQYEYR	AGAP001633-PA	-	30	0.009102103	1	952.424	-2.94	Head	2R:-:7161315-7161295	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_28586	AGTGEASDPTNFHTVK	AGAP001633-PA	-	60	1.55E-05	1	1631.768	0.96	Larva	2R:-:7169674-7169627	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_28602	KPADDGGSPILEYK	AGAP001633-PA	-	78	2.82E-07	2	1489.754	0.64	Visceras	2R:-:7171143-7171102	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_28613	WEPAVTTSSPECR	AGAP001633-PA	C12(Carbamidomethyl)	50	9.27E-05	1	1519.687	1.68	Pupa	2R:-:7169776-7169738	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_28627	IDNVDYNTK	AGAP001633-PA	-	37	0.002848463	2	1081.521	4.38	Larva	2R:-:7169274-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_28702	TRGTVEDVEEGHEYEFR	AGAP001633-PA	-	82	6.60E-08	1	2052.922	-1.91	Head	2R:-:7168668-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_28722	GEPEPEIIWSWR	AGAP001633-PA	-	38	0.00186456	1	1498.738	3.59	Pupa	2R:-:7171419-7171384	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_28751	SQHWLIVSNYVK	AGAP001633-PA	-	60	1.13E-05	1	1473.792	5.09	Larva	2R:-:7157253-7157218	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_28777	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	133	8.13E-13	1	1998.004	0.81	Visceras	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_28779	WPEPDDGGSPITGYIIEK	AGAP001633-PA	-	72	1.26E-06	1	1973.954	2.64	Pupa	2R:-:7165896-7165843	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_28849	FVIRPQSAFCYEGQSCK	AGAP001633-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	79	1.77E-07	1	2076.966	1.34	Head	2R:-:7154775-7154725	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_28897	STHYDNMGMEANKPYNFR	AGAP001633-PA	-	94	2.92E-09	1	2174.936	-0.86	Pupa	2R:-:7158687-7158634	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_28989	AENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	43	0.000570496	2	2213.161	7.23	Malpighian tubule	2R:-:7158627-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29056	IDIINNGDGTHQLVFNK	AGAP001633-PA	N6(Deamidated)	66	2.83E-06	1	1897.976	-0.26	Visceras	2R:-:7174105-7174055	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_29213	QGESTPLVTSQPITAK	AGAP001633-PA	-	97	2.15E-09	1	1656.882	0.85	Pupa	2R:-:7163358-7163311	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29220	ISGEPAPDVDWTINDR	AGAP001633-PA	-	83	6.71E-08	1	1784.847	0.87	Male reproductive organs	2R:-:7166619-7166572	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_29305	VRAENIYGASEPTESKPISPK	AGAP001633-PA	-	67	2.52E-06	1	2273.183	2.57	Pupa	2R:-:7160706-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29353	FDVAISGEPAPK	AGAP001633-PA	-	61	1.31E-05	2	1230.636	-0.32	Midgut	2R:-:7165596-7165561	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29494	KVTHYIVER	AGAP001633-PA	-	54	5.07E-05	1	1144.648	0.82	Visceras	2R:-:7157292-7157266	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29497	LNQLYDFR	AGAP001633-PA	-	52	7.17E-05	2	1068.548	0.22	Salivary gland	2R:-:7159542-7159519	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29552	DNSYQVYNLLPGR	AGAP001633-PA	-	45	0.000484615	2	1538.767	4.91	Larva	2R:-:7158387-7158349	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29835	NAPIFVEKPHIVSLDNGK	AGAP001633-PA	N16(Deamidated)	52	2.99E-05	1	1978.079	1.84	Male reproductive organs	2R:-:7179455-7179402	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_29855	LGFHGDQPMEVNISK	AGAP001633-PA	M9(Oxidation)	105	4.10E-10	1	1687.813	1.26	Head	2R:-:7157601-7157557	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29874	GIPIKPPVIK	AGAP001633-PA	-	29	9.39E-05	1	1061.709	0.68	Visceras	2R:-:7153507-7153478	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_29875	LGFHGDQPMEVNISK	AGAP001633-PA	M9(Oxidation)	55	4.37E-05	1	1687.809	-1.2	Visceras	2R:-:7157601-7157557	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_29879	YYAQYGGEPEPEVVWEKDDILVICDSEK	AGAP001633-PA	C24(Carbamidomethyl)	142	8.47E-14	1	3331.538	0.73	Visceras	2R:-:7172859-7172776	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_29910	NAPIFVEKPHIVSLDNGK	AGAP001633-PA	N16(Deamidated)	57	1.43E-05	2	1979.058	-0.93	Pupa	2R:-:7179455-7179402	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_30014	EVPLSTWIR	AGAP001633-PA	-	49	0.000132249	2	1100.612	1.54	Pupa	2R:-:7156086-7156060	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_30048	VSDWDANYVTVTWERPLMDGGSR	AGAP001633-PA	M18(Oxidation)	152	8.54E-15	1	2654.227	-1.29	Visceras	2R:-:7158528-7158460	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30062	YPFTVPDPPNPPR	AGAP001633-PA	-	74	5.67E-07	1	1496.757	2.72	Pupa	2R:-:7158567-7158529	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30087	VKTVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	81	5.91E-08	1	2676.402	2.61	Malpighian tubule	2R:-:7160412-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30091	TNLKPIVVR	AGAP001633-PA	-	34	0.000399248	1	1039.661	-0.83	Male reproductive organs	2R:-:7170487-7170461	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_30098	AIETNSPNPTATVGGLVEGNEYQFR	AGAP001633-PA	-	69	2.10E-06	1	2664.285	-1.93	Midgut	2R:-:7165812-7165738	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30160	VLELTK	AGAP001633-PA	-	31	0.004489017	1	702.440	-0.21	Pupa	2R:-:7163112-7163095	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30226	YPVPNIEYTDTGVIK	AGAP001633-PA	-	94	4.97E-09	2	1708.880	0.67	Male reproductive organs	2R:-:7161360-7161316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30284	TNLVIR	AGAP001633-PA	-	49	0.000147963	2	715.446	0.29	Male reproductive organs	2R:-:7168362-7168345	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_30372	NPSGYDIATCNVK	AGAP001633-PA	C10(Carbamidomethyl)	103	6.07E-10	1	1438.663	-0.1	Head	2R:-:7159788-7159750	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30379	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	109	1.44E-10	2	1824.938	2.14	Pupa	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_30536	VSGLSENHEYVFR	AGAP001633-PA	-	114	6.67E-11	1	1536.745	0.24	Pupa	2R:-:7159257-7159219	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30716	RNGAVIPESQR	AGAP001633-PA	-	37	0.001933047	2	1226.653	-5.96	Head	2R:-:7162884-7162852	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_30879	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	65	3.99E-06	2	1824.933	-0.27	Male reproductive organs	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_31085	ILEYNYK	AGAP001633-PA	-	38	0.001454533	1	942.495	2.05	Male reproductive organs	2R:-:7174595-7174575	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_31163	NPSGTDTVDLELVVLAKPSK	AGAP001633-PA	-	64	3.30E-06	1	2083.128	-0.25	Pupa	2R:-:7168299-7168240	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_31260	AVNSEGESEPLETDTSIK	AGAP001633-PA	N3(Deamidated)	135	5.04E-13	1	1905.894	0.66	Pupa	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_31298	AGLTFEFDVPVSGEPVPAK	AGAP001633-PA	-	76	3.28E-07	1	1960.010	2.09	Head	2R:-:7163835-7163779	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_31319	NDKGQATSQVIEIK	AGAP001633-PA	-	62	8.44E-06	1	1530.813	0.33	Head	2R:-:7178838-7178797	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_31393	VPDLIEGTAYQFR	AGAP001633-PA	-	95	5.19E-09	1	1508.776	1.23	Male reproductive organs	2R:-:7163997-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_31417	DGSQLDSGTYTITIENELGQDTADIK	AGAP001633-PA	-	48	0.00024822	2	2784.313	2.57	Head	2R:-:7156302-7156225	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_31481	VLVVDKPSPPIGPLEVSEITPESCTLSWK	AGAP001633-PA	C24(Carbamidomethyl)	52	4.53E-05	1	3177.679	1.13	Pupa	2R:-:7158870-7158784	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_31509	VQTRPVVGYYVEKR	AGAP001633-PA	-	29	0.005492345	1	1693.935	-1.93	Pupa	2R:-:7160556-7160515	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_31684	EKLVETEHIK	AGAP001633-PA	-	32	0.003862899	1	1225.679	-0.11	Pupa	2R:-:7157550-7157521	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_31737	TIDVESGATTIQVR	AGAP001633-PA	-	76	3.79E-07	2	1489.786	0.47	Male reproductive organs	2R:-:7172769-7172728	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_31774	VYQFR	AGAP001633-PA	-	28	0.007804816	2	712.378	-0.13	Head	2R:-:7171912-7171898	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_31873	AVFSCETYEAPSK	AGAP001633-PA	C5(Carbamidomethyl)	88	1.16E-08	1	1488.669	0.71	Head	2R:-:7153141-7153103	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_32004	GGHSPYSPVSDPVTVK	AGAP001633-PA	-	83	6.74E-08	1	1626.819	3.92	Larva	2R:-:7167708-7167661	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_32012	APENDGGSPITGYVVEK	AGAP001633-PA	-	75	5.10E-07	2	1732.847	4.87	Larva	2R:-:7164117-7164067	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_32035	FNQLIIPHLSPGHQYEFR	AGAP001633-PA	-	92	6.70E-09	1	2196.134	-0.46	Pupa	2R:-:7156044-7155991	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_32302	VLVLDVPTQPIGPIKIEK	AGAP001633-PA	-	71	4.70E-08	1	1959.195	2.88	Visceras	2R:-:7172649-7172596	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_32351	DWDANSVTIGWNPPK	AGAP001633-PA	-	96	4.16E-09	1	1699.813	3.23	Pupa	2R:-:7162380-7162336	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_32413	ATLEVDNVTFEDSGKYK	AGAP001633-PA	-	61	1.25E-05	1	1915.931	1.57	Head	2R:-:7183079-7183029	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_32452	FKDVEVDEGGDLTLAAGLAQPDR	AGAP001633-PA	-	36	0.003969415	1	2416.205	2.47	Visceras	2R:-:7178745-7178677	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_32460	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	47	0.000266907	2	1824.935	0.6	Ovary	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_32533	GFAPSFVEKPK	AGAP001633-PA	-	39	0.001511332	2	1206.652	-0.22	Visceras	2R:-:7179773-7179741	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_32617	DGGRPITHYVIECK	AGAP001633-PA	C13(Carbamidomethyl)	61	1.14E-05	1	1644.816	-0.06	Male reproductive organs	2R:-:7172041-7172000	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_32642	TNLKPIVVR	AGAP001633-PA	-	51	7.54E-06	1	1039.662	-0.6	Pupa	2R:-:7170487-7170461	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_32903	NECGEYSASANVTVLDKPAPPEGPLR	AGAP001633-PA	C3(Carbamidomethyl)	75	4.59E-07	1	2771.336	1.95	Pupa	2R:-:7162761-7162684	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_33094	NPFDEPGKPGTPEAYDWDKNFVELR	AGAP001633-PA	-	105	4.31E-10	1	2921.390	5.42	Ovary	2R:-:7167075-7167001	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_33258	DEGDYTCEALNFVGVIHTTGALK	AGAP001633-PA	C7(Carbamidomethyl)	101	1.01E-09	1	2510.201	5.44	Head	2R:-:7157745-7157677	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_33262	VQTRPVVGYYVEK	AGAP001633-PA	-	64	2.78E-06	1	1537.840	1.41	Head	2R:-:7160556-7160518	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_33300	YAGDDYYFIINR	AGAP001633-PA	-	91	1.15E-08	2	1509.702	0.94	Head	2R:-:7154631-7154596	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_33402	AVNSEGESEPLETDTSIK	AGAP001633-PA	N3(Deamidated)	138	2.58E-13	1	1905.895	1.3	Visceras	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_33558	AVEVPEGDVTSVKVPDLIEGTAYQFR	AGAP001633-PA	-	149	1.36E-14	1	2819.451	1.54	Pupa	2R:-:7164036-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_33570	AGTGEASDPTNFHTVK	AGAP001633-PA	-	68	2.08E-06	1	1631.767	0.36	Midgut	2R:-:7169674-7169627	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_33711	YPVPNIEYTDTGVIK	AGAP001633-PA	-	64	5.64E-06	2	1708.881	0.81	Head	2R:-:7161360-7161316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_33720	TASIECSVASR	AGAP001633-PA	C6(Carbamidomethyl)	61	1.22E-05	2	1180.560	-1.9	Pupa	2R:-:7179033-7179001	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_33784	ASETVIQEFTGR	AGAP001633-PA	-	63	7.18E-06	2	1337.673	2.44	Ovary	2R:-:7178634-7178599	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_33825	VSSYCTTTYLK	AGAP001633-PA	C5(Carbamidomethyl)	70	1.55E-06	1	1322.631	1.19	Pupa	2R:-:7159590-7159558	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_34046	LIDFGLATK	AGAP001633-PA	-	41	0.000631095	1	977.567	0.1	Visceras	2R:-:7155333-7155307	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_34049	DEETVELVVLGAPGRPQGK	AGAP001633-PA	-	107	1.45E-10	1	1994.059	1.98	Head	2R:-:7171248-7171192	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_34086	DNSYQVYNLLPGREYEFR	AGAP001633-PA	-	76	3.72E-07	1	2263.083	2.36	Pupa	2R:-:7158387-7158334	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_34183	VQTRPVVGYYVEK	AGAP001633-PA	-	52	4.00E-05	2	1537.837	-0.25	Midgut	2R:-:7160556-7160518	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_34420	DGGRPITHYVIECK	AGAP001633-PA	C13(Carbamidomethyl)	67	3.04E-06	1	1644.817	0.16	Head	2R:-:7172041-7172000	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_34452	NKTILK	AGAP001633-PA	-	29	0.005169577	1	716.457	-13.34	Head	2R:-:7178652-7178635	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_34465	IGEQLNTEKPEWVK	AGAP001633-PA	-	104	4.84E-10	1	1670.872	-1.88	Head	2R:-:7157970-7157929	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_34815	AEVDGLIEGHTYK	AGAP001633-PA	-	95	5.82E-09	1	1431.713	1.1	Visceras	2R:-:7164309-7164271	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_35174	VSIDTNMEQTVFR	AGAP001633-PA	M7(Oxidation)	93	6.67E-09	1	1555.742	0.21	Male reproductive organs	2R:-:7161066-7161028	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_35183	AGLTFEFDVPVSGEPVPAK	AGAP001633-PA	-	78	2.22E-07	1	1960.010	1.71	Pupa	2R:-:7163835-7163779	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_35296	VLVLDVPTQPIGPIKIEK	AGAP001633-PA	-	58	1.20E-06	1	1959.188	-0.49	Midgut	2R:-:7172649-7172596	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_35302	WNPPLDDGGVPIEYYNVEK	AGAP001633-PA	-	81	1.28E-07	1	2205.054	1.94	Visceras	2R:-:7167297-7167241	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_35395	IELSINDTEAIFK	AGAP001633-PA	-	56	3.14E-05	1	1492.793	2.16	Visceras	2R:-:7158993-7158955	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_35415	AEVEICILSKPGTPEGPLEASDIHK	AGAP001633-PA	C6(Carbamidomethyl)	113	5.91E-11	1	2690.386	5.83	Head	2R:-:7169169-7169095	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_35432	DVSEECKDFIR	AGAP001633-PA	C6(Carbamidomethyl)	81	9.32E-08	1	1397.638	0.8	Pupa	2R:-:7155081-7155049	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_35792	GTWTNAGMSTSLVNEISR	AGAP001633-PA	M8(Oxidation)	84	6.59E-08	2	1939.914	-1.83	Pupa	2R:-:7162575-7162522	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_35798	LDDRGEYIIR	AGAP001633-PA	-	39	0.002110633	1	1249.652	-1.16	Visceras	2R:-:7154589-7154560	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36386	YWLLNK	AGAP001633-PA	-	35	0.003256655	2	836.466	-0.49	Visceras	2R:-:7167546-7167529	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_36747	EKPILGDDNYEIINKDYNTK	AGAP001633-PA	-	107	2.70E-10	1	2382.186	1.35	Head	2R:-:7170388-7170329	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_36780	FIPVSTNAER	AGAP001633-PA	-	35	0.004408287	1	1133.596	1.2	Visceras	2R:-:7155660-7155631	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36864	DVLDTDKGVYLVNFK	AGAP001633-PA	-	112	6.17E-11	1	1725.915	5.49	Larva	2R:-:7157481-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36876	DVLEGTWITNNFLIK	AGAP001633-PA	-	83	4.35E-08	2	1762.944	3.7	Visceras	2R:-:7158432-7158388	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36879	ATDWGTDFVK	AGAP001633-PA	-	42	0.000814138	2	1139.537	0.19	Male reproductive organs	2R:-:7165047-7165018	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36888	AVEVPEGDVTSVKVPDLIEGTAYQFR	AGAP001633-PA	-	127	2.10E-12	1	2819.451	1.54	Head	2R:-:7164036-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36896	KRPNQPDPPSIDK	AGAP001633-PA	-	61	8.87E-06	1	1491.793	1.01	Visceras	2R:-:7160337-7160299	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36913	AQNAAGVSKPSASSK	AGAP001633-PA	-	43	0.000794548	1	1402.733	3.23	Malpighian tubule	2R:-:7158327-7158283	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_36975	DFVELEWAAPK	AGAP001633-PA	-	36	0.004376951	2	1304.658	4.45	Larva	2R:-:7168797-7168765	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_37136	HTVLTIR	AGAP001633-PA	-	33	0.001407226	2	839.510	-0.12	Head	2R:-:7156323-7156303	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37182	KYENWASFVLPLGR	AGAP001633-PA	-	112	6.63E-11	1	1679.891	0.56	Visceras	2R:-:7154907-7154866	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37332	AVNDAGPSDPSNATPPIVCKPR	AGAP001633-PA	C19(Carbamidomethyl)	104	6.24E-10	1	2263.109	-1.89	Head	2R:-:7164846-7164781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37535	GGHSPYSPVSDPVTVK	AGAP001633-PA	-	79	1.76E-07	1	1626.815	1.37	Head	2R:-:7167708-7167661	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_37584	IKVVYENYR	AGAP001633-PA	-	51	5.61E-05	1	1183.647	-0.39	Visceras	2R:-:7163736-7163710	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37596	THDTHMDVANLEPGQEYLFR	AGAP001633-PA	M6(Oxidation)	36	0.002897316	1	2389.089	0.45	Male reproductive organs	2R:-:7167201-7167142	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_37695	GEQIESGSHYHIETR	AGAP001633-PA	-	110	1.33E-10	2	1742.813	2	Head	2R:-:7156374-7156330	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37717	DGGAPITSYIVEK	AGAP001633-PA	-	79	2.07E-07	2	1349.693	-1.2	Head	2R:-:7163217-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_37766	DWDANSVTIGWNPPK	AGAP001633-PA	-	94	5.42E-09	2	1699.815	4.6	Visceras	2R:-:7162380-7162336	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37888	GTWTNAGMSTSLVNEISR	AGAP001633-PA	M8(Oxidation)	158	2.44E-15	1	1939.922	2.07	Larva	2R:-:7162575-7162522	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37898	ERHTVLTIR	AGAP001633-PA	-	33	0.001675411	1	1124.655	1.73	Pupa	2R:-:7156329-7156303	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_37958	DPYSVPSKPGRPQPTNWSK	AGAP001633-PA	-	81	1.21E-07	1	2141.079	0.5	Visceras	2R:-:7168854-7168798	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_38002	TIDVESGATTIQVR	AGAP001633-PA	-	98	2.57E-09	2	1489.792	3.91	Larva	2R:-:7172769-7172728	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_38013	LEVSNVTK	AGAP001633-PA	-	38	0.002248 74	1	889.499	-0.08	Pupa	2R:-:7171191-7171168	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_38024	SDGLMSAHPVVAK	AGAP001633-PA	M5(Oxidation)	74	5.24E-07	1	1327.667	-0.1	Male reproductive organs	2R:-:7161570-7161532	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_38334	DLQIPDLATETEYEFR	AGAP001633-PA	-	82	1.02E-07	2	1939.928	-0.15	Midgut	2R:-:7162236-7162189	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_38360	DDGGCDIEYYQIER	AGAP001633-PA	C5(Carbamidomethyl)	32	0.001992 048	2	1732.720	4.37	Pupa	2R:-:7165293-7165252	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_38507	VTELNEGEVYEFKVR	AGAP001633-PA	-	52	8.03E-05	1	1811.924	3.49	Malpighian tubule	2R:-:7166877-7166833	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_38548	SEPSDQTELISLK	AGAP001633-PA	-	51	0.000133 74	1	1446.734	1.22	Head	2R:-:7155963-7155925	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_38642	HLTENHEYVFR	AGAP001633-PA	-	60	1.15E-05	1	1444.696	-0.26	Pupa	2R:-:7160739-7160707	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_38748	AGTKIPETSR	AGAP001633-PA	-	37	0.003503 353	1	1059.582	2.57	Malpighian tubule	2R:-:7161096-7161067	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_38780	VLVLDVPTQPIGPIK	AGAP001633-PA	-	70	4.63E-08	2	1588.972	2.91	Pupa	2R:-:7172649-7172605	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_38792	ELMPLQSDSLMHPPEFTK	AGAP001633-PA	M3(Oxidation), M11(Oxidation),M11(Oxidation)	46	0.000420 657	1	2132.006	1.16	Head	2R:-:7153992-7165961,7153607-7153866	exon=> In CDS Exon 22 and 21 of transcript AGAP001633-PA
JHU_Ag_38952	APDRPEQVTIK	AGAP001633-PA	-	61	6.63E-06	1	1253.685	-0.02	Male reproductive organs	2R:-:7164186-7164154	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_38996	VNTTLCVICTINCANLVEGR	AGAP001633-PA	C6(Carbamidomethyl), C9(Carbamidomethyl), N12(Deamidated), C13(Carbamidomethyl),"N2(Deamidated), C6(Carbamidomethyl), C9(Carbamidomethyl), C13(Carbamidomethyl)"," C6(Carbamidomethyl), C9(Carbamidomethyl), C13(Carbamidomethyl)"	120	1.67E-11	2	2307.124	-0.72	Visceras	2R:-:7156935-7156876	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_39069	VSAINAEGESKPLEMAGDFIAK	AGAP001633-PA	M15(Oxidation)	147	2.38E-14	1	2293.145	3.03	Head	2R:-:7165152-7165087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_39127	VLVLDVPTQPIGPIKIEK	AGAP001633-PA	-	52	3.92E-06	1	1959.197	4.09	Larva	2R:-:7172649-7172596	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_39155	NIIHLDIKPENVMCQTR	AGAP001633-PA	C14(Carbamidomethyl)	85	4.52E-08	1	2081.065	1.09	Visceras	2R:-:7155402-7155352	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_39252	AVNQGGASKPSNSTEPLK	AGAP001633-PA	-	70	1.31E-06	1	1784.919	2.91	Pupa	2R:-:7172994-7172941	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_39262	RPSIQDMDEK	AGAP001633-PA	M7(Oxidation)	40	0.001135 925	2	1234.570	-2.97	Head	2R:-:7176075-7176046	exon=> In CDS Exon 9 of transcript AGAP001633-PA

JHU_Ag_39434	ISTGTAEFAAPEIVER	AGAP001633-PA	-	92	9.23E-09	2	1690.867	1.12	Head	2R:-:7155282-7155235	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_39457	VPDLFEGTTYQFR	AGAP001633-PA	-	80	1.59E-07	1	1572.779	5.97	Larva	2R:-:7167765-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_39514	AKNPYDAPSAPGKPKPTDWSR	AGAP001633-PA	-	35	0.003697277	1	2283.148	-1.5	Male reproductive organs	2R:-:7167969-7167907	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_39587	DGKPVPPEDVDIVVENDKLVLK	AGAP001633-PA	-	76	1.19E-07	1	2418.310	-1.16	Midgut	2R:-:7173696-7173631	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_39707	IGEQLNTEKPEWVKR	AGAP001633-PA	-	82	6.78E-08	1	1826.976	0.05	Male reproductive organs	2R:-:7157970-7157926	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_39888	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	115	4.87E-11	1	1899.936	0.7	Visceras	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_39909	VIAVNAAGESEPSDATDAVLTR	AGAP001633-PA	-	49	0.000151429	2	2186.094	0.07	Ovary	2R:-:7162188-7162123	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_39935	NPFDEPGKPGTPEAYDWDKNFVELR	AGAP001633-PA	-	91	1.19E-08	1	2921.379	1.79	Pupa	2R:-:7167075-7167001	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_40003	VSAINAEGESKPLEMAGDFIAK	AGAP001633-PA	M15(Oxidation)	168	2.16E-16	1	2277.145	0.6	Visceras	2R:-:7165152-7165087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40127	EEVIFLNVHPMSK	AGAP001633-PA	-	82	9.38E-08	2	1542.797	-0.9	Visceras	2R:-:7154535-7154497	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40174	ERGTGEWVQVNNYPTTNTTYTIPDLMEGFR	AGAP001633-PA	-	47	0.00024752	3	3489.646	2.15	Visceras	2R:-:7160514-7160425	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40249	AGNNVVFDVK	AGAP001633-PA	-	67	4.07E-06	1	1062.558	-0.33	Male reproductive organs	2R:-:7164729-7164700	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40377	AGEGDPSRPTESHIAR	AGAP001633-PA	-	73	7.81E-07	1	1679.811	0.58	Head	2R:-:7163940-7163893	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40406	VHGLK	AGAP001633-PA	-	26	0.002514159	1	553.347	2.8	Head	2R:-:7171936-7171922	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_40472	NSSGEFVTVGK	AGAP001633-PA	-	56	3.07E-05	2	1124.558	-0.01	Head	2R:-:7172682-7172650	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_40475	DLTHGGGWVPAVAYVSPK	AGAP001633-PA	-	118	2.06E-11	1	1853.957	1.5	Visceras	2R:-:7161705-7161652	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40494	VETTEDTITITWTKPASNGGSPVTHYIVEK	AGAP001633-PA	-	105	2.79E-10	1	3274.653	1.57	Head	2R:-:7159413-7159324	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40498	GFAPSFVEKPK	AGAP001633-PA	-	41	0.000891066	2	1206.654	1.6	Salivary gland	2R:-:7179773-7179741	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_40589	YVKPFIEGEGLQPITLK	AGAP001633-PA	-	94	1.56E-09	1	1932.085	0.59	Visceras	2R:-:7172928-7172878	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_40646	INQPSTPLR	AGAP001633-PA	-	36	0.001424805	1	1025.574	0.16	Male reproductive organs	2R:-:7176045-7176019	exon=> In CDS Exon 9 of transcript AGAP001633-PA
JHU_Ag_40741	GEQIESGSHYHIETR	AGAP001633-PA	-	43	0.000601683	1	1742.808	-0.81	Midgut	2R:-:7156374-7156330	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40747	DDIPLTETQNIK	AGAP001633-PA	-	57	2.54E-05	2	1386.712	0.4	Visceras	2R:-:7171383-7171348	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_40793	AVNEAGPGIWSDHSKPITCKPR	AGAP001633-PA	C19(Carbamidomethyl)	78	2.13E-07	1	2420.212	-0.97	Visceras	2R:-:7166832-7166767	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_40881	EKLVETEHIK	AGAP001633-PA	-	40	0.000719305	1	1225.677	-1.46	Visceras	2R:-:7157550-7157521	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40969	TPLDDGGSPITNYIVER	AGAP001633-PA	-	131	1.44E-12	1	1846.923	2.6	Pupa	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_40972	VSISNDTQSDECECK	AGAP001633-PA	C12(Carbamidomethyl), C14(Carbamidomethyl)	125	6.04E-13	1	1771.712	0.76	Male reproductive organs	2R:-:7178544-7178500	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_41034	SGWDVIGESPGDQCK	AGAP001633-PA	C14(Carbamidomethyl)	73	4.54E-07	1	1634.714	1.42	Visceras	2R:-:7173393-7173349	exon=> In CDS Exon 14 of transcript AGAP001633-PA

JHU_Ag_41063	VVFEATFTKPNSK	AGAP001633-PA	-	93	5.07E-09	1	1467.787	1.72	Head	2R:-:7175148-7175110	exon=> In CDS Exon 11 of transcript AGAP001633-PA
JHU_Ag_41721	TDGDNYTCTIFNPK	AGAP001633-PA	C8(Carbamidomethyl)	75	2.31E-07	1	1645.718	0.91	Male reproductive organs	2R:-:7174985-7174944	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_41901	SEPLSMANSVLAK	AGAP001633-PA	M6(Oxidation)	73	8.77E-07	2	1346.701	1.93	Head	2R:-:7164237-7164199	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_41983	YTIVATNSQGEDR	AGAP001633-PA	-	92	8.65E-09	1	1453.692	0.26	Head	2R:-:7169208-7169170	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_42142	TIDVESGATTIQVR	AGAP001633-PA	-	129	2.09E-12	2	1489.786	0.22	Visceras	2R:-:7172769-7172728	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_42202	EKDSPYWSNAGR	AGAP001633-PA	-	45	0.000352594	1	1409.645	0.25	Midgut	2R:-:7162290-7162255	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_42325	AVNSEGESEPLETDTSIK	AGAP001633-PA	-	50	0.000146292	2	1905.890	-1.45	Ovary	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_42370	ITPPTAPGAPAVVK	AGAP001633-PA	-	35	0.000904774	1	1318.773	0.37	Visceras	2R:-:7158261-7158220	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_42498	YTIVATNSQGEDR	AGAP001633-PA	-	85	4.80E-08	2	1453.691	-0.25	Male reproductive organs	2R:-:7169208-7169170	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_42526	DGKPVPPEDVDIVVENDKLVLK	AGAP001633-PA	-	63	2.44E-06	1	2418.315	0.75	Visceras	2R:-:7173696-7173631	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_42861	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	Q14(Deamidated),Q17(Deamidated)	145	3.34E-14	1	2205.012	0.88	Head	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_42976	AINDEGESEPLETEEYIVAK	AGAP001633-PA	-	122	8.01E-12	1	2236.042	-3.97	Head	2R:-:7169989-7169930	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_43020	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	110	1.67E-10	1	1920.981	-0.33	Male reproductive organs	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_43086	VLVLDVPTQPIGPIKIEK	AGAP001633-PA	-	75	1.86E-08	1	1959.196	3.44	Pupa	2R:-:7172649-7172596	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_43098	ASEPSDNHTVK	AGAP001633-PA	-	40	0.001043349	1	1184.558	2.98	Head	2R:-:7171864-7171832	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_43114	RPNSDGGAAITGYFIEK	AGAP001633-PA	-	60	1.64E-05	1	1795.897	-0.26	Midgut	2R:-:7169848-7169798	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_43164	AGTGEASDPTNFHTVK	AGAP001633-PA	-	97	2.48E-09	1	1631.765	-0.46	Pupa	2R:-:7169674-7169627	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_43388	AKVPDLFEGTTYQFR	AGAP001633-PA	-	86	3.87E-08	1	1771.903	0.67	Pupa	2R:-:7167771-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_43435	FFIMR	AGAP001633-PA	M4(Oxidation)	30	0.002974142	2	729.376	0.51	Pupa	2R:-:7169247-7169233	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_43449	IRPDNLIEGHSYQFR	AGAP001633-PA	-	76	3.47E-07	1	1844.943	1.69	Pupa	2R:-:7163421-7163377	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_43681	IEFEDYR	AGAP001633-PA	-	36	0.001851586	2	971.448	0.97	Pupa	2R:-:7167495-7167475	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_43693	NDYEEPSQPPKPEVR	AGAP001633-PA	N1(Deamidated)	96	3.59E-09	1	1784.846	0.33	Male reproductive organs	2R:-:7162425-7162381	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_43705	VKAVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	109	1.30E-10	1	2225.166	-0.16	Pupa	2R:-:7166117-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_43752	DDGGSPITHYVIEK	AGAP001633-PA	-	98	2.82E-09	1	1530.748	2.99	Pupa	2R:-:7162632-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_43768	ASETVIQEFTGR	AGAP001633-PA	-	68	2.26E-06	2	1337.672	2.08	Head	2R:-:7178634-7178599	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_43831	LNIVGLSEADFGAYK	AGAP001633-PA	-	42	0.000850375	2	1596.827	0.13	Male reproductive organs	2R:-:7178895-7178851	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_43890	VLVLDVPTQPIGPIK	AGAP001633-PA	-	83	3.52E-09	2	1588.966	-1.08	Midgut	2R:-:7172649-7172605	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_43961	VTHYIVER	AGAP001633-PA	-	35	0.004003592	1	1016.547	-5.43	Head	2R:-:7157289-7157266	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_44061	SEPLSMANSVLAK	AGAP001633-PA	M6(Oxidation)	61	1.41E-05	2	1362.693	-0.19	Midgut	2R:-:7164237-7164199	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_44169	NPFDEPGKPGTPEAYDWDKNFVELR	AGAP001633-PA	-	141	1.19E-13	1	2921.371	-1.03	Visceras	2R:-:7167075-7167001	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_44292	DGSQLDSGTYTITIENELGQDTADIK	AGAP001633-PA	-	69	1.91E-06	2	2784.297	-3.13	Visceras	2R:-:7156302-7156225	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_44355	NLSVAIGEPFGFDVK	AGAP001633-PA	-	63	5.47E-06	2	1592.842	6.58	Malpighian tubule	2R:-:7166664-7166620	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_44426	RDLQIPDLATETEYEFR	AGAP001633-PA	-	81	1.30E-07	1	2096.039	4.61	Midgut	2R:-:7162239-7162189	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_44474	RADSGVYTLTAK	AGAP001633-PA	-	53	5.57E-05	2	1281.679	-0.42	Visceras	2R:-:7163682-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_44488	NLSVAIGEPFGFDVK	AGAP001633-PA	-	84	4.61E-08	1	1592.835	2.14	Visceras	2R:-:7166664-7166620	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_44619	APDRPEQVTIK	AGAP001633-PA	-	34	0.003065385	1	1253.687	1.73	Larva	2R:-:7164186-7164154	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_44663	DDIPLTETQNIK	AGAP001633-PA	-	68	2.07E-06	2	1386.716	3.31	Midgut	2R:-:7171383-7171348	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_45056	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	74	5.64E-07	2	2280.141	7.3	Larva	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_45142	VMAENLQGR	AGAP001633-PA	-	49	0.000182861	2	1017.513	-1.76	Head	2R:-:7161597-7161571	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45150	VFAENVYGR	AGAP001633-PA	-	68	1.92E-06	2	1054.531	-1.04	Visceras	2R:-:7155990-7155964	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45210	NPYDAPSAPGKPKPTDWSR	AGAP001633-PA	-	36	0.003768666	1	2084.020	0.07	Male reproductive organs	2R:-:7167963-7167907	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_45238	TNLVEVR	AGAP001633-PA	-	52	0.000139455	2	830.473	-0.53	Male reproductive organs	2R:-:7164756-7164736	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45246	IRPDNLIEGHSYQFR	AGAP001633-PA	-	74	5.45E-07	1	1844.941	0.4	Male reproductive organs	2R:-:7163421-7163377	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45322	GTWTNAGMSTSLVNEISR	AGAP001633-PA	M8(Oxidation)	134	6.33E-13	1	1939.912	-3.15	Visceras	2R:-:7162575-7162522	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45372	VPDLFEGTTYQFR	AGAP001633-PA	-	94	6.27E-09	1	1572.775	3.88	Ovary	2R:-:7167765-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_45385	NPFDEPGKPGTPEAYDWDKNFVELR	AGAP001633-PA	-	58	2.03E-05	1	2921.375	0.24	Midgut	2R:-:7167075-7167001	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_45434	TNLNPVTIK	AGAP001633-PA	-	48	0.000139058	1	999.582	-1.16	Pupa	2R:-:7169406-7169380	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_45644	SQHWLIVSNYVK	AGAP001633-PA	-	65	3.87E-06	1	1473.787	1.36	Head	2R:-:7157253-7157218	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45743	FLTDWTECAK	AGAP001633-PA	C8(Carbamidomethyl)	37	0.001833459	2	1270.581	2.99	Pupa	2R:-:7171993-7171964	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_45808	DSFSVPDTPSAPTVVDWSENHAVLK	AGAP001633-PA	-	65	4.37E-06	1	2698.311	4.16	Head	2R:-:7166051-7166347,7153983-7165897	exon=> In CDS Exon 21 and 20 of transcript AGAP001633-PA
JHU_Ag_45820	IRPDNLIEGHSYQFR	AGAP001633-PA	-	68	2.26E-06	1	1844.946	3.18	Ovary	2R:-:7163421-7163377	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45913	ISTGTAEFAAPEIVER	AGAP001633-PA	-	72	1.08E-06	1	1690.866	0.98	Male reproductive organs	2R:-:7155282-7155235	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_45998	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	92	8.26E-09	1	1899.934	-0.27	Ovary	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_46021	SDGLMSAHPVVAK	AGAP001633-PA	M5(Oxidation)	51	9.79E-05	2	1327.667	-0.74	Head	2R:-:7161570-7161532	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_46046	VSSYCTTTYLK	AGAP001633-PA	C5(Carbamidomethyl)	85	5.23E-08	1	1322.631	1.01	Visceras	2R:-:7159590-7159558	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_46095	SVETNADINGLQDGK	AGAP001633-PA	-	52	9.16E-05	2	1560.753	1.93	Male reproductive organs	2R:-:7165212-7165168	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_46118	APLDDGGMPIEGYEIEK	AGAP001633-PA	M8(Oxidation)	146	3.40E-14	1	1833.861	1.72	Head	2R:-:7169070-7169020	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_46249	DLQIPDLATETEYEFR	AGAP001633-PA	-	89	2.19E-08	1	1939.932	1.93	Pupa	2R:-:7162236-7162189	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_46292	EITHGGQYALESK	AGAP001633-PA	-	85	5.68E-08	1	1432.707	0.24	Male reproductive organs	2R:-:7157826-7157788	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_46337	IVAQNVNGKDEETVELVVLGAPGRPQGK	AGAP001633-PA	-	186	8.21E-19	1	2917.581	2.19	Head	2R:-:7171275-7171192	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_46344	NDKGQATSQVIEIK	AGAP001633-PA	-	87	2.55E-08	1	1530.812	-0.22	Male reproductive organs	2R:-:7178838-7178797	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_46466	LSDTVGNETEK	AGAP001633-PA	-	72	1.04E-06	1	1192.569	0.02	Head	2R:-:7174222-7174190	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_46578	RIDSGSYTIHLVNCVGK	AGAP001633-PA	C14(Carbamidomethyl)	94	5.25E-09	1	1918.985	2.2	Head	2R:-:7158939-7158889	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_46727	AKLNISSVTR	AGAP001633-PA	-	34	0.001857819	1	1088.642	-0.02	Pupa	2R:-:7167474-7167445	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_46858	DDGGVPIDHYVIEK	AGAP001633-PA	-	83	7.46E-08	1	1556.760	0.64	Head	2R:-:7166264-7166223	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_47024	AFNKEGDSEPLEMETVIIAK	AGAP001633-PA	M13(Oxidation)	36	0.00402431	1	2237.110	3.94	Visceras	2R:-:7168914-7168855	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_47077	IEQQMAAKPEVK	AGAP001633-PA	M5(Oxidation)	89	2.35E-08	1	1387.726	0.94	Head	2R:-:7154127-7154092	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_47154	VIGVNAEGDGEPLESDEVVAK	AGAP001633-PA	-	123	8.26E-12	1	2127.051	2.82	Pupa	2R:-:7170981-7170919	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_47358	TNLVIR	AGAP001633-PA	-	57	2.82E-05	2	715.447	1.31	Pupa	2R:-:7168362-7168345	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_47568	VSAINAEGESKPLEMAGDFIAKNPFDEPSAPR	AGAP001633-PA	M15(Oxidation)	76	2.84E-07	1	3403.645	-0.73	Head	2R:-:7165152-7165057	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_47573	AINDEGESEPLETEEYIVAK	AGAP001633-PA	-	86	3.68E-08	2	2236.054	1.6	Midgut	2R:-:7169989-7169930	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_47592	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	-	174	4.11E-17	1	2205.009	-0.11	Male reproductive organs	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_47714	AVFSCETYEAPSK	AGAP001633-PA	C5(Carbamidomethyl)	89	9.75E-09	1	1488.666	-1.18	Visceras	2R:-:7153141-7153103	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_47865	KLSSSDVIDIK	AGAP001633-PA	-	47	0.000148549	2	1204.677	-0.92	Visceras	2R:-:7153763-7153731	exon=> In CDS Exon 22 of transcript AGAP001633-PA
JHU_Ag_47892	DDSGMYTLIVK	AGAP001633-PA	M5(Oxidation)	82	7.38E-08	1	1257.604	0.49	Visceras	2R:-:7162794-7162762	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_47935	WPEPDDGGSPITGYIIEK	AGAP001633-PA	-	114	7.21E-11	1	1973.954	2.26	Visceras	2R:-:7165896-7165843	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_48021	FSSEVEEDQNHCYLIR	AGAP001633-PA	C12(Carbamidomethyl)	109	8.99E-11	1	2025.896	-0.78	Visceras	2R:-:7181633-7181586	exon=> In CDS Exon 4 of transcript AGAP001633-PA
JHU_Ag_48164	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	-	69	1.33E-06	1	2205.011	0.55	Malpighian tubule	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_48169	DGKPVPPEDVDIVVENDKLVLK	AGAP001633-PA	-	83	2.47E-08	1	2418.315	0.86	Pupa	2R:-:7173696-7173631	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_48228	LEILNTDYNSK	AGAP001633-PA	-	72	9.60E-07	1	1309.662	-0.9	Visceras	2R:-:7165512-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_48236	RPNSDGGAAITGYFIEKK	AGAP001633-PA	-	38	0.002052018	1	1923.993	0.2	Midgut	2R:-:7169848-7169795	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_48477	DVYHITLVLK	AGAP001633-PA	-	70	6.19E-07	1	1200.699	0.25	Head	2R:-:7179284-7179255	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_48624	WVPVGETISTK	AGAP001633-PA	-	36	0.004107112	2	1216.658	0.81	Pupa	2R:-:7163454-7163422	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_48668	ASETVIQEFTGR	AGAP001633-PA	-	86	4.21E-08	2	1337.670	0.07	Male reproductive organs	2R:-:7178634-7178599	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_48834	EGDSEPLEMETVIIAK	AGAP001633-PA	M9(Oxidation)	77	3.02E-07	2	1760.869	3.53	Visceras	2R:-:7168902-7168855	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_49002	VAAQNEIGVSEFSK	AGAP001633-PA	-	84	6.64E-08	2	1478.754	3.85	Larva	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_49076	DGKPVPPEDVDIVVENDK	AGAP001633-PA	-	82	1.07E-07	1	1964.988	3.54	Midgut	2R:-:7173696-7173643	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_49405	YTIVATNSQGEDR	AGAP001633-PA	-	90	1.39E-08	2	1453.689	-1.76	Visceras	2R:-:7169208-7169170	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_49430	AGTGEASDPTNFHTVK	AGAP001633-PA	-	91	1.07E-08	1	1631.769	1.86	Visceras	2R:-:7169674-7169627	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_49464	VEDPDVVKPPEVVKPLNTLTCVQNR	AGAP001633-PA	C21(Carbamidomethyl)	157	1.21E-15	1	2846.507	-0.27	Visceras	2R:-:7156800-7156726	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_49499	FAGEFTELYKPAAK	AGAP001633-PA	-	86	3.60E-08	1	1571.811	0.07	Pupa	2R:-:7163154-7163113	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_49621	DDIPLTETQNIK	AGAP001633-PA	-	91	1.16E-08	1	1386.715	2.69	Head	2R:-:7171383-7171348	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_49653	DRYVKPFIEGEGLQPITLK	AGAP001633-PA	-	29	0.005707 62	1	2203.216	1.7	Pupa	2R:-:7172934-7172878	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_49660	VIAVNAAGESEPSDATDAVLTR	AGAP001633-PA	-	96	3.10E-09	2	2186.093	-0.38	Male reproductive organs	2R:-:7162188-7162123	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_49707	IGEQLNTEKPEWVKR	AGAP001633-PA	-	58	1.52E-05	1	1826.977	0.31	Head	2R:-:7157970-7157926	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_49908	IRPDNLIEGHSYQFR	AGAP001633-PA	-	54	5.52E-05	1	1844.938	-1.09	Midgut	2R:-:7163421-7163377	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_50242	SVTISWKPPLDNGGSELTGYVVEK	AGAP001633-PA	N12(Deamidated)	36	0.002693 239	3	2577.324	6.08	Pupa	2R:-:7161780-7161709	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_50491	IPFTGFPKPR	AGAP001633-PA	-	60	8.19E-06	1	1159.663	0.19	Male reproductive organs	2R:-:7156422-7156393	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_50495	YGLSEPAQADSIVAK	AGAP001633-PA	-	98	2.96E-09	1	1548.792	0.69	Pupa	2R:-:7159500-7159456	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_50717	ILGYYVER	AGAP001633-PA	-	36	0.001950 546	1	1012.549	2.97	Head	2R:-:7158159-7158136	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_50771	VKTDIKPDITWTR	AGAP001633-PA	-	65	2.01E-06	1	1572.873	-1.17	Pupa	2R:-:7179380-7179342	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_50780	ILGYYVER	AGAP001633-PA	-	43	0.000382 964	2	1012.546	-0.4	Male reproductive organs	2R:-:7158159-7158136	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_50884	GTWVYAGDSGSAR	AGAP001633-PA	-	72	6.45E-07	2	1326.608	0.17	Male reproductive organs	2R:-:7164354-7164316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51080	IVAQNVNGKDEETVELVVLGAPGRPQGK	AGAP001633-PA	N7(Deamidated)	109	4.83E-11	1	2918.572	4.82	Larva	2R:-:7171275-7171192	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_51144	SEPLSMANSVLAK	AGAP001633-PA	M6(Oxidation)	64	7.22E-06	2	1346.698	-0.25	Pupa	2R:-:7164237-7164199	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51159	QGESTPLVTSQPITAK	AGAP001633-PA	-	67	2.26E-06	2	1656.888	4.53	Larva	2R:-:7163358-7163311	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51172	SFVDLSWTPPASDGGSR	AGAP001633-PA	-	42	0.000790 459	2	1778.832	-1.56	Ovary	2R:-:7158210-7158160	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51177	VSAVNENGIGPALEGVDPIK	AGAP001633-PA	-	127	2.14E-12	1	1979.044	-0.45	Head	2R:-:7157163-7157104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51199	FDVAISGEPAPK	AGAP001633-PA	-	68	2.77E-06	1	1230.639	2.16	Visceras	2R:-:7165596-7165561	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51262	VPDLFEGTTYQFR	AGAP001633-PA	-	88	2.47E-08	1	1572.774	3.1	Visceras	2R:-:7167765-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_51275	YTVFDDYAVIYIR	AGAP001633-PA	-	86	5.00E-08	1	1637.815	-3.68	Visceras	2R:-:7157520-7157482	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_51303	YPVPNIEYTDTGVIK	AGAP001633-PA	-	45	0.000400609	2	1708.879	-0.26	Pupa	2R:-:7161360-7161316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51413	IVESDKVQIVK	AGAP001633-PA	-	62	2.77E-06	1	1257.741	-0.36	Male reproductive organs	2R:-:7174463-7174431	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_51460	THDTHMDVANLEPGQEYLFR	AGAP001633-PA	M6(Oxidation)	56	2.63E-05	1	2389.088	-0.02	Midgut	2R:-:7167201-7167142	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_51689	TVNPYDPPEAPGKPAVDDYGVDFVELK	AGAP001633-PA	-	79	1.58E-07	1	2932.423	-0.67	Head	2R:-:7172346-7173740,7171822-7172060	exon=> In CDS Exon 15 and 14 of transcript AGAP001633-PA
JHU_Ag_51747	NCTAEDADTYR	AGAP001633-PA	C2(Carbamidomethyl)	46	5.65E-05	2	1315.522	0.32	Pupa	2R:-:7174673-7174641	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_51812	AENIYGASEPTESKPISPK	AGAP001633-PA	-	106	4.04E-10	1	2018.007	-0.43	Male reproductive organs	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51966	AVNEIGESEPLDCSHPIVAK	AGAP001633-PA	C13(Carbamidomethyl)	93	7.59E-09	1	2165.055	0.49	Male reproductive organs	2R:-:7162485-7162426	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_51967	VSAVNQAGQGNPSDSSVK	AGAP001633-PA	-	121	1.17E-11	1	1744.846	0.21	Male reproductive organs	2R:-:7161294-7161241	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52050	EQDTDTWQR	AGAP001633-PA	-	40	0.00067972	2	1178.507	-0.15	Head	2R:-:7156962-7156936	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52079	GFAPSFVEKPK	AGAP001633-PA	-	56	3.07E-05	1	1206.652	0.19	Pupa	2R:-:7179773-7179741	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_52340	ITNITTEGCR	AGAP001633-PA	C9(Carbamidomethyl)	64	6.68E-06	1	1164.567	-0.31	Pupa	2R:-:7162683-7162654	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52354	NPFDEPGKPGTPEAYDWDK	AGAP001633-PA	-	80	1.17E-07	1	2162.975	3.64	Midgut	2R:-:7167075-7167019	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_52488	DWDANSVTIGWNPPK	AGAP001633-PA	-	93	7.07E-09	2	1699.812	2.44	Head	2R:-:7162380-7162336	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52502	IDIINNGDGTHQLVFNK	AGAP001633-PA	N6(Deamidated)	70	1.33E-06	1	1898.964	1.47	Male reproductive organs	2R:-:7174105-7174055	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_52521	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	98	2.19E-09	1	1998.005	1.12	Midgut	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_52527	NSADFEYLSDGDIHTLHIAEIFPEDAGTYTCEAFNK	AGAP001633-PA	C31(Carbamidomethyl)	91	8.02E-09	1	4090.838	2.18	Visceras	2R:-:7153363-7153256	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_52544	FKVQNDGTLYR	AGAP001633-PA	-	44	0.000448732	1	1340.698	1.42	Male reproductive organs	2R:-:7183112-7183080	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_52609	NEHGQDEAEVEITILSSPSRPK	AGAP001633-PA	-	100	1.48E-09	1	2436.207	2.88	Head	2R:-:7170271-7170206	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_52640	DNSYQVYNLLPGR	AGAP001633-PA	-	88	2.67E-08	1	1538.763	1.9	Head	2R:-:7158387-7158349	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52684	VSAINAEGESKPLEMAGDFIAK	AGAP001633-PA	M15(Oxidation)	108	2.26E-10	1	2293.139	0.15	Male reproductive organs	2R:-:7165152-7165087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52836	DYDRDYVELEWK	AGAP001633-PA	-	39	0.001319449	1	1630.741	1.31	Pupa	2R:-:7164153-7164118	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52838	EVYNNEVSLEIPFSVR	AGAP001633-PA	-	61	1.08E-05	2	1894.961	3.44	Larva	2R:-:7162842-7162795	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52855	NDYEEPSQPPKPEVR	AGAP001633-PA	-	34	0.005256254	1	1784.851	3.6	Larva	2R:-:7162425-7162381	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_52881	IDIINNGDGTHQLVFNK	AGAP001633-PA	N16(Deamidated),N6(Deamidated)	92	7.22E-09	1	1897.985	4.57	Midgut	2R:-:7174105-7174055	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_52904	INELFPEDSGVYLCTAK	AGAP001633-PA	C14(Carbamidomethyl)	85	4.12E-08	1	1955.943	0.6	Visceras	2R:-:7153703-7153653	exon=> In CDS Exon 22 of transcript AGAP001633-PA
JHU_Ag_53006	YTHTVVPR	AGAP001633-PA	-	53	5.20E-05	1	972.526	-0.18	Male reproductive organs	2R:-:7161651-7161628	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_53304	GFLTHDCTLECAVDNSLAPISWYK	AGAP001633-PA	C7(Carbamidomethyl),C11(Carbamidomethyl)	97	3.12E-09	1	2797.304	2.7	Visceras	2R:-:7174823-7174752	exon=> In CDS Exon 12 of transcript AGAP001633-PA

JHU_Ag_53320	NALKDLVVPVGK	AGAP001633-PA	-	52	7.24E-06	1	1252.764	1.33	Pupa	2R:-:7162977-7162942	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_53618	KRPNQPDPPSIDK	AGAP001633-PA	-	49	0.000162784	1	1491.791	-0.58	Male reproductive organs	2R:-:7160337-7160299	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_53639	NVTVEDAGSYK	AGAP001633-PA	-	65	3.86E-06	1	1182.565	1.21	Male reproductive organs	2R:-:7178577-7178545	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_53665	VSGEPVPTTR	AGAP001633-PA	-	62	6.64E-06	1	1042.554	1.5	Head	2R:-:7164699-7164670	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_53774	VSGEPVPTTR	AGAP001633-PA	-	67	2.06E-06	1	1042.553	0.45	Pupa	2R:-:7164699-7164670	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_53818	LINPEGKPPR	AGAP001633-PA	-	32	0.003988002	2	1120.643	-3.92	Head	2R:-:7181471-7181651,7180821-7181098	exon=> In CDS Exon 5 and 4 of transcript AGAP001633-PA
JHU_Ag_54032	AANQYGEDVKEFEVIVVDRPQPPK	AGAP001633-PA	-	123	4.56E-12	1	2728.399	1.87	Midgut	2R:-:7160982-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54062	DLVVPVGK	AGAP001633-PA	-	36	0.000791615	1	826.505	2.62	Head	2R:-:7162965-7162942	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54134	SDGLMSAHPVVAK	AGAP001633-PA	M5(Oxidation)	55	3.73E-05	1	1327.666	-0.93	Midgut	2R:-:7161570-7161532	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54144	KLATEGHWSK	AGAP001633-PA	-	44	0.000321573	3	1156.607	-3.76	Head	2R:-:7159323-7159294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54217	FIPVSTNAER	AGAP001633-PA	-	41	0.001308879	2	1133.591	-3.11	Head	2R:-:7155660-7155631	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54222	VSGEPVPTTR	AGAP001633-PA	-	41	0.000762476	1	1042.552	-0.37	Male reproductive organs	2R:-:7164699-7164670	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54310	RPNQPDPPSIDK	AGAP001633-PA	-	52	0.000130068	2	1363.693	-2.46	Head	2R:-:7160334-7160299	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54370	FDVAISGEPAPK	AGAP001633-PA	-	38	0.002698514	2	1230.638	1.56	Larva	2R:-:7165596-7165561	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_54671	APDRPEQVTIK	AGAP001633-PA	-	69	9.62E-07	1	1253.684	-0.51	Pupa	2R:-:7164186-7164154	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_55127	FPQKPTISQK	AGAP001633-PA	-	56	2.90E-05	1	1173.662	-0.9	Pupa	2R:-:7181097-7181068	exon=> In CDS Exon 5 of transcript AGAP001633-PA
JHU_Ag_55194	SVETNADINGLQDGKK	AGAP001633-PA	-	52	0.000125186	2	1688.851	3.59	Malpighian tubule	2R:-:7165212-7165165	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_55387	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	109	1.98E-10	1	1920.984	1.2	Pupa	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_55583	FDPDNGIWMNAGK	AGAP001633-PA	-	67	1.75E-06	2	1464.660	1.29	Head	2R:-:7166222-7166184	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_55617	TIDVESGATTIQVR	AGAP001633-PA	-	122	8.89E-12	2	1489.789	2.51	Pupa	2R:-:7172769-7172728	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_55618	LVVSNSSGTDEGSFNLTVLDRPDPPQGPTVYEEITEK	AGAP001633-PA	-	128	1.46E-12	1	3990.963	4.37	Head	2R:-:7161891-7161781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_55755	THDTHMDVANLEPGQEYLFR	AGAP001633-PA	M6(Oxidation)	55	3.72E-05	1	2389.093	2.14	Head	2R:-:7167201-7167142	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_55769	HLTENHEYVFR	AGAP001633-PA	-	60	1.30E-05	2	1444.697	0.09	Visceras	2R:-:7160739-7160707	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_55845	SQHWLIVSNYVK	AGAP001633-PA	-	47	0.000270461	1	1473.786	0.46	Pupa	2R:-:7157253-7157218	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_56104	EVYNNEVSLEIPFSVR	AGAP001633-PA	-	98	1.97E-09	2	1894.957	1.31	Pupa	2R:-:7162842-7162795	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_56121	ELATDADYK	AGAP001633-PA	-	42	0.000705222	2	1025.479	-0.06	Head	2R:-:7169301-7169275	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_56224	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	71	1.07E-06	2	1998.010	3.5	Malpighian tubule	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA

JHU_Ag_56235	GPYDLPSAPGVPIIHEVGGDFVNLEWEKPVSDGGAR	AGAP001633-PA	-	141	6.99E-14	1	3774.891	3.87	Larva	2R:-:7157097-7156990	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_56379	VIGVNAEGDGEPLESDEVVAK	AGAP001633-PA	-	127	3.16E-12	1	2127.054	3.97	Ovary	2R:-:7170981-7170919	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_56522	TRGTVEDVEEGHEYEFR	AGAP001633-PA	-	64	4.99E-06	1	2052.926	0.15	Pupa	2R:-:7168668-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_56875	TNLNPVTIK	AGAP001633-PA	-	40	0.000878664	2	999.582	-1.04	Male reproductive organs	2R:-:7169406-7169380	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_56886	LKFNLVPLGK	AGAP001633-PA	-	65	3.56E-07	1	1128.715	0.79	Pupa	2R:-:7157925-7157896	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_56941	DPYSVPSKPGRPQPTNWSK	AGAP001633-PA	-	53	7.82E-05	1	2141.079	0.5	Male reproductive organs	2R:-:7168854-7168798	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_57075	APDRPEQVTIK	AGAP001633-PA	-	58	1.35E-05	1	1253.686	0.95	Head	2R:-:7164186-7164154	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_57159	VLVVDKPSPPIGPLEVSEITPESCTLSWK	AGAP001633-PA	C24(Carbamidomethyl)	29	0.008404443	1	3177.676	0.21	Midgut	2R:-:7158870-7158784	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_57236	GGESFSSCTITVLAQDDQK	AGAP001633-PA	C8(Carbamidomethyl)	47	0.000231103	2	2042.933	-0.35	Visceras	2R:-:7153255-7153199	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_57400	SDGGAPVTEYIIQK	AGAP001633-PA	-	57	3.09E-05	1	1477.752	-0.76	Head	2R:-:7168764-7168723	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_57503	VSSYCTTTYLK	AGAP001633-PA	C5(Carbamidomethyl)	61	1.19E-05	1	1322.630	-0.01	Male reproductive organs	2R:-:7159590-7159558	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_57514	ILEYNYK	AGAP001633-PA	-	33	0.00514555	1	942.494	0.63	Head	2R:-:7174595-7174575	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_57788	IGEQLNTEKPEWVK	AGAP001633-PA	-	90	1.40E-08	1	1670.876	0.68	Visceras	2R:-:7157970-7157929	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_57842	APENDGGAPLEK	AGAP001633-PA	-	37	0.00225323	2	1197.576	0.98	Head	2R:-:7173462-7173427	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_57949	VLVLDVPTQPIGPIK	AGAP001633-PA	-	55	1.78E-06	1	1588.968	0.38	Male reproductive organs	2R:-:7172649-7172605	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_58092	APENDGGAPLEK	AGAP001633-PA	-	51	8.60E-05	1	1197.574	-0.45	Male reproductive organs	2R:-:7173462-7173427	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_58165	AGLTFEFDVPVSGEPVPAK	AGAP001633-PA	-	53	8.80E-05	1	1960.000	-3.14	Midgut	2R:-:7163835-7163779	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58215	MTAHECLSHAWLSDTYNSSTSVISIER	AGAP001633-PA	C6(Carbamidomethyl)	138	1.70E-13	1	3095.417	-0.8	Visceras	2R:-:7155018-7154938	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58225	GEPEPEIIWSWRDDIPLTETQNIK	AGAP001633-PA	-	86	2.74E-08	1	2866.428	0.74	Head	2R:-:7171419-7171348	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_58314	KLSDTVGNETEK	AGAP001633-PA	-	90	1.69E-08	2	1320.664	-0.17	Male reproductive organs	2R:-:7174225-7174190	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_58525	VSSYCTTTYLK	AGAP001633-PA	C5(Carbamidomethyl)	80	1.41E-07	1	1322.630	0.36	Head	2R:-:7159590-7159558	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58567	DDIPLTETQNIK	AGAP001633-PA	-	68	2.41E-06	1	1386.718	4.71	Larva	2R:-:7171383-7171348	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_58600	YWLLNK	AGAP001633-PA	-	40	0.000874627	1	836.472	6.68	Larva	2R:-:7167546-7167529	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_58707	TPLDDGGSPITNYIVERYEPLGYWTK	AGAP001633-PA	-	63	6.40E-06	1	2984.480	4.22	Malpighian tubule	2R:-:7158783-7158706	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58719	AVEVPEGDVTSVKVPDLIEGTAYQFR	AGAP001633-PA	-	43	0.000473502	1	2819.444	-0.66	Larva	2R:-:7164036-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58752	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	83	7.39E-08	2	2280.124	0.02	Male reproductive organs	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_58794	VAAQNEIGVSEFSK	AGAP001633-PA	-	76	4.03E-07	1	1478.754	3.94	Malpighian tubule	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58822	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	41	0.001265792	1	1899.934	-0.46	Salivary gland	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA

JHU_Ag_58830	YPFTVPDPPNPPR	AGAP001633-PA	-	69	1.90E-06	1	1496.754	0.76	Male reproductive organs	2R:-:7158567-7158529	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58898	LVNIPSDVYLVK	AGAP001633-PA	-	36	0.001001079	2	1359.788	-0.02	Midgut	2R:-:7157658-7157623	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_58909	VRAENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	45	0.000157926	1	2468.331	6.65	Malpighian tubule	2R:-:7158633-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_59064	IGEQLNTEKPEWVKR	AGAP001633-PA	-	60	9.50E-06	1	1826.973	-1.42	Visceras	2R:-:7157970-7157926	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_59140	EGESTPLETLLAVK	AGAP001633-PA	-	51	0.000118288	2	1486.803	2.29	Head	2R:-:7172388-7172347	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_59150	VETTEDTITITWTKPASNGGSPVTHYIVEK	AGAP001633-PA	N18(Deamidated)	113	5.70E-11	1	3275.631	-0.2	Pupa	2R:-:7159413-7159324	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_59268	EPESDGNAPIQK	AGAP001633-PA	-	61	1.04E-05	2	1284.606	-0.16	Head	2R:-:7167882-7167847	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_59287	DFVELEWAAPK	AGAP001633-PA	-	68	3.34E-06	2	1304.657	3.98	Visceras	2R:-:7168797-7168765	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_59304	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	117	1.90E-11	1	1824.945	6.29	Head	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_59312	GTVEDVEEGHEYEFR	AGAP001633-PA	-	96	1.76E-09	1	1795.779	1.16	Male reproductive organs	2R:-:7168662-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_59485	GTWTNAGMSTSLVNEISR	AGAP001633-PA	M8(Oxidation)	129	2.21E-12	1	1939.919	0.75	Midgut	2R:-:7162575-7162522	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_59520	SDGGATITEYIVQKK	AGAP001633-PA	-	58	2.25E-05	1	1609.848	2.85	Head	2R:-:7162335-7162291	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_59521	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	80	1.52E-07	1	1998.012	4.66	Larva	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_59745	VKYELDEHGKPK	AGAP001633-PA	-	45	0.000440774	2	1442.763	-0.35	Visceras	2R:-:7155897-7155862	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_59902	FKTDGDNYTCTIFNPK	AGAP001633-PA	C10(Carbamidomethyl)	50	0.000125075	1	1920.880	0.33	Visceras	2R:-:7174991-7174944	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_59928	EVPLSTWIR	AGAP001633-PA	-	48	0.000197217	2	1100.610	-0.34	Visceras	2R:-:7156086-7156060	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_59965	SDGGAPITSYMVEYKPYTAANWK	AGAP001633-PA	M11(Oxidation)	49	0.000196385	1	2549.209	2.94	Visceras	2R:-:7173147-7173079	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_59987	DLTHGGGWVPAVAYVSPK	AGAP001633-PA	-	104	4.46E-10	1	1853.962	4	Pupa	2R:-:7161705-7161652	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_60055	VKYELDEHGKPK	AGAP001633-PA	-	78	1.78E-07	1	1442.768	2.78	Head	2R:-:7155897-7155862	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_60106	SDGGAPVTEYIIQKR	AGAP001633-PA	-	55	3.96E-05	1	1633.866	6.76	Malpighian tubule	2R:-:7168764-7168720	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_60179	VRAENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	110	5.77E-11	1	2468.316	0.79	Visceras	2R:-:7158633-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_60364	YTIVATNSQGEDR	AGAP001633-PA	-	83	7.80E-08	2	1453.694	1.52	Larva	2R:-:7169208-7169170	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_60462	RLEILNTDYNSK	AGAP001633-PA	-	90	1.11E-08	1	1465.766	1.16	Head	2R:-:7165515-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_60655	RLEILNTDYNSK	AGAP001633-PA	-	45	0.000385931	2	1465.761	-2.17	Midgut	2R:-:7165515-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_60822	LAWQPPVSDGGSPITGYVVEVK	AGAP001633-PA	-	75	3.88E-07	1	2299.195	-1.02	Head	2R:-:7165017-7164952	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_60836	DWDANSVTIGWNPPK	AGAP001633-PA	-	72	8.91E-07	2	1699.810	1.22	Midgut	2R:-:7162380-7162336	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_60874	VLVLDVPTQPIGPIKIEK	AGAP001633-PA	-	70	8.02E-08	1	1959.190	0.45	Head	2R:-:7172649-7172596	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_61091	NDKGQATSQVIEIK	AGAP001633-PA	-	59	1.49E-05	1	1530.812	-0.15	Pupa	2R:-:7178838-7178797	exon=> In CDS Exon 7 of transcript AGAP001633-PA

JHU_Ag_61097	TNLNPVTIK	AGAP001633-PA	-	46	0.000212238	1	999.583	-0.12	Visceras	2R:-:7169406-7169380	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_61161	AENIYGASEPTESKPISPK	AGAP001633-PA	-	76	4.20E-07	1	2018.020	5.86	Malpighian tubule	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61207	GPYDLPSAPGVPIIHEVGGDFVNLEWEKPVSDGGAR	AGAP001633-PA	-	137	2.07E-13	1	3774.883	1.67	Pupa	2R:-:7157097-7156990	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61220	AEVDGLIEGHTYK	AGAP001633-PA	-	65	5.63E-06	2	1431.718	4.25	Midgut	2R:-:7164309-7164271	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61223	GGHSPYSPVSDPVTVKDR	AGAP001633-PA	-	83	8.47E-08	1	1897.942	0.97	Head	2R:-:7167708-7167655	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_61253	VSISNDTQSDECECK	AGAP001633-PA	Q8(Deamidated), C12(Carbamidomethyl), C14(Carbamidomethyl),"N5(Deamidated), C12(Carbamidomethyl), C14(Carbamidomethyl)"," C12(Carbamidomethyl), C14(Carbamidomethyl)"	87	4.45E-09	2	1771.713	1.38	Head	2R:-:7178544-7178500	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_61281	LNIVGLSEADFGAYK	AGAP001633-PA	-	90	1.28E-08	2	1596.831	2.88	Midgut	2R:-:7178895-7178851	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_61343	VRAENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	65	1.76E-06	1	2468.326	4.5	Head	2R:-:7158633-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61365	EVYNNEVSLEIPFSVR	AGAP001633-PA	-	93	7.07E-09	1	1894.957	1.06	Visceras	2R:-:7162842-7162795	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61462	NPFDEPGKPGTPEAYDWDK	AGAP001633-PA	-	57	1.91E-05	1	2162.974	3.22	Ovary	2R:-:7167075-7167019	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_61564	DGGAPITSYIVEK	AGAP001633-PA	-	50	0.000153574	2	1349.696	0.88	Visceras	2R:-:7163217-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61581	VKTDIKPDITWTR	AGAP001633-PA	-	33	0.003383217	1	1572.876	1.13	Male reproductive organs	2R:-:7179380-7179342	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_61659	VVEITANTAVLEWRPPSDDGGLPIDNYIIEK	AGAP001633-PA	-	52	3.51E-05	3	3424.784	5.99	Visceras	2R:-:7164462-7164370	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61798	NECGEYSASANVTVLDKPAPPEGPLR	AGAP001633-PA	C3(Carbamidomethyl)	162	8.40E-16	1	2771.336	2.02	Visceras	2R:-:7162761-7162684	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_61810	SFVDLSWTPPASDGGSR	AGAP001633-PA	-	78	2.33E-07	2	1778.839	2.76	Head	2R:-:7158210-7158160	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_62087	LAWLPPEDDGGEPIQAYIVER	AGAP001633-PA	-	40	0.001348459	1	2368.191	3.72	Pupa	2R:-:7168191-7168129	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_62092	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	88	2.71E-08	2	2280.124	-0.3	Midgut	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_62115	AKNPYDAPSAPGKPKPTDWSR	AGAP001633-PA	-	67	2.37E-06	1	2283.146	-2.37	Pupa	2R:-:7167969-7167907	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_62226	LNISSVTR	AGAP001633-PA	-	42	0.000805449	2	889.510	-0.36	Larva	2R:-:7167468-7167445	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_62244	KRPNQPDPPSIDK	AGAP001633-PA	-	47	0.000229995	1	1491.792	0.65	Pupa	2R:-:7160337-7160299	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_62534	HLTENHEYVFR	AGAP001633-PA	-	40	0.001270536	1	1444.696	-0.58	Midgut	2R:-:7160739-7160707	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_62869	VENLEEGKEYQFR	AGAP001633-PA	-	64	5.97E-06	2	1640.791	-0.59	Midgut	2R:-:7160142-7160104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_62930	GDSGDYEITATNSSGR	AGAP001633-PA	-	81	5.36E-08	2	1629.700	0.53	Midgut	2R:-:7165455-7165408	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_62989	EKPILGDDNYEIINKDYNTK	AGAP001633-PA	-	79	1.87E-07	1	2382.184	0.58	Pupa	2R:-:7170388-7170329	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_63167	SVTISWKPPLDNGGSELTGYVVEKK	AGAP001633-PA	-	65	2.57E-06	1	2704.432	4.7	Head	2R:-:7161780-7161706	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_63219	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	124	6.69E-12	1	1920.986	2.44	Visceras	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_63265	LNIVGLSEADFGAYK	AGAP001633-PA	-	119	1.67E-11	1	1596.836	5.78	Larva	2R:-:7178895-7178851	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_63284	KVTHYIVER	AGAP001633-PA	-	65	3.48E-06	1	1144.648	0.9	Pupa	2R:-:7157292-7157266	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_63342	VLVLDVPTQPIGPIK	AGAP001633-PA	-	61	3.70E-07	1	1588.970	1.76	Head	2R:-:7172649-7172605	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_63430	AETSCVVIVEDHR	AGAP001633-PA	C5(Carbamidomethyl)	91	1.20E-08	1	1514.730	2.11	Head	2R:-:7154166-7154128	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_63699	TNLNPVTIK	AGAP001633-PA	-	34	0.003604025	2	999.584	0.37	Head	2R:-:7169406-7169380	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_63799	APLDDGGMPIEGYEIEK	AGAP001633-PA	M8(Oxidation)	61	1.16E-05	2	1849.851	-0.56	Pupa	2R:-:7169070-7169020	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_63817	LNISSVTR	AGAP001633-PA	-	45	0.000356482	2	889.510	-0.01	Visceras	2R:-:7167468-7167445	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_63882	TNLVIR	AGAP001633-PA	-	48	0.000234733	2	715.447	0.71	Larva	2R:-:7168362-7168345	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_63909	DLTHGGGWVPAVAYVSPK	AGAP001633-PA	-	118	1.83E-11	1	1853.960	2.75	Head	2R:-:7161705-7161652	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_63949	EAISDYDDYVFDVYSK	AGAP001633-PA	-	121	5.64E-12	1	1928.842	-0.7	Pupa	2R:-:7155846-7155799	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_63964	AVNDAGPSDPSNATPPIVCKPR	AGAP001633-PA	C19(Carbamidomethyl)	112	9.57E-11	1	2263.112	-0.67	Visceras	2R:-:7164846-7164781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_64208	KDGGAPITSYIVEK	AGAP001633-PA	-	68	1.75E-06	1	1477.792	1.47	Visceras	2R:-:7163220-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_64262	SFVDLSWTPPASDGGSR	AGAP001633-PA	-	87	2.87E-08	2	1778.837	1.18	Visceras	2R:-:7158210-7158160	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_64269	GTVEDVEEGHEYEFR	AGAP001633-PA	-	99	9.76E-10	1	1795.782	2.86	Midgut	2R:-:7168662-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_64416	RPNSDGGAAITGYFIEK	AGAP001633-PA	-	85	4.49E-08	2	1795.898	0.12	Male reproductive organs	2R:-:7169848-7169798	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_64571	VAAQNEIGVSEFSK	AGAP001633-PA	-	114	6.30E-11	1	1478.749	0.55	Male reproductive organs	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_64608	LNISSVTR	AGAP001633-PA	-	53	6.24E-05	2	889.508	-2	Head	2R:-:7167468-7167445	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_64690	ASETVIQEFTGR	AGAP001633-PA	-	68	2.41E-06	2	1337.674	3.26	Malpighian tubule	2R:-:7178634-7178599	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_64930	FAGEFTELYKPAAK	AGAP001633-PA	-	89	1.89E-08	1	1571.811	0.53	Male reproductive organs	2R:-:7163154-7163113	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65012	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	47	0.000278197	1	1920.992	5.49	Larva	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_65016	VSAVNENGIGPALEGVDPIK	AGAP001633-PA	N7(Deamidated)	153	6.75E-15	1	1980.030	0.97	Male reproductive organs	2R:-:7157163-7157104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65039	VSGEPVPTTR	AGAP001633-PA	-	41	0.00079577	1	1042.551	-1.31	Larva	2R:-:7164699-7164670	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65045	VSGLSENHEYVFR	AGAP001633-PA	-	106	3.72E-10	1	1536.746	1.28	Head	2R:-:7159257-7159219	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65094	VTELNEGEVYEFK	AGAP001633-PA	-	95	4.10E-09	2	1556.749	0.96	Head	2R:-:7166877-7166839	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_65142	AGPSDPSDSSR	AGAP001633-PA	-	40	0.000432525	1	1075.468	2.29	Head	2R:-:7165719-7165687	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_65169	DPYNKPDKPGKPVVVDWSDHHVDLEWSIPK	AGAP001633-PA	-	89	1.28E-08	1	3497.757	2.23	Visceras	2R:-:7163310-7163221	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65326	AGNNVVFDVK	AGAP001633-PA	-	39	0.002122354	2	1062.557	-0.56	Midgut	2R:-:7164729-7164700	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65327	AVNEIGESEPLDCSHPIVAK	AGAP001633-PA	C13(Carbamidomethyl)	58	2.50E-05	1	2165.049	-2.37	Pupa	2R:-:7162485-7162426	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65345	YPFTVPDPPNPPR	AGAP001633-PA	-	44	0.000665164	1	1496.756	1.99	Midgut	2R:-:7158567-7158529	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65366	NSSGEFVTVGK	AGAP001633-PA	-	63	7.51E-06	2	1124.558	-0.22	Male reproductive organs	2R:-:7172682-7172650	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_65402	QVPIYKPETLTIR	AGAP001633-PA	-	47	9.13E-05	1	1557.900	-0.09	Visceras	2R:-:7154496-7154458	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65430	AVFSCETYEAPSK	AGAP001633-PA	C5(Carbamidomethyl)	69	9.37E-07	1	1488.665	-1.92	Pupa	2R:-:7153141-7153103	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_65525	IDIINNGDGTHQLVFNK	AGAP001633-PA	N16(Deamidated),Q12(Deamidated),N6(Deamidated)	147	2.45E-14	1	1897.979	1.03	Head	2R:-:7174105-7174055	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_65619	DLNGTVTLIIK	AGAP001633-PA	-	38	0.000640405	2	1186.705	0.35	Visceras	2R:-:7174706-7174674	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_65642	VIGVNAEGDGEPLESDEVVAK	AGAP001633-PA	-	142	1.12E-13	1	2127.049	1.56	Head	2R:-:7170981-7170919	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_65677	AQNAAGVSKPSASSK	AGAP001633-PA	-	52	9.53E-05	2	1402.730	0.88	Visceras	2R:-:7158327-7158283	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_65717	KPDDDGGKPITGYELQK	AGAP001633-PA	-	122	1.03E-11	1	1860.937	1.44	Head	2R:-:7170151-7170101	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_65813	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	129	1.89E-12	1	1998.003	0.32	Head	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_65971	DVIAADGEPLQLNCHVNGDPLPQIVWTK	AGAP001633-PA	C14(Carbamidomethyl)	133	4.66E-13	1	3099.561	1.43	Head	2R:-:7153856-7153773	exon=> In CDS Exon 22 of transcript AGAP001633-PA
JHU_Ag_65985	LSDTVGNETEK	AGAP001633-PA	-	43	0.000770329	2	1192.570	0.22	Male reproductive organs	2R:-:7174222-7174190	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_66142	TDGDNYTCTIFNPK	AGAP001633-PA	C8(Carbamidomethyl)	89	1.07E-08	2	1645.718	1.21	Head	2R:-:7174985-7174944	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_66163	VIAVNAAGESEPSDATDAVLTR	AGAP001633-PA	-	64	4.74E-06	2	2186.103	4.31	Larva	2R:-:7162188-7162123	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_66282	AKVPDLFEGTTYQFR	AGAP001633-PA	-	75	3.91E-07	2	1771.907	3.09	Head	2R:-:7167771-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_66386	YTHTVVPR	AGAP001633-PA	-	48	0.000176736	2	972.527	1.33	Malpighian tubule	2R:-:7161651-7161628	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_66410	NPSGYDIATCNVK	AGAP001633-PA	C10(Carbamidomethyl)	103	6.59E-10	1	1438.665	1	Visceras	2R:-:7159788-7159750	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_66421	ILGYYVER	AGAP001633-PA	-	47	0.000170645	1	1012.547	0.8	Visceras	2R:-:7158159-7158136	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_66504	IPFTGFPKPR	AGAP001633-PA	-	40	0.000765237	1	1159.661	-0.86	Pupa	2R:-:7156422-7156393	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_66506	NAPIFVEKPHIVSLDNGK	AGAP001633-PA	-	110	5.51E-11	1	1978.079	1.42	Visceras	2R:-:7179455-7179402	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_66722	GTVEDVEEGHEYEFR	AGAP001633-PA	-	121	5.24E-12	1	1795.780	1.7	Visceras	2R:-:7168662-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_66734	VFAENVYGR	AGAP001633-PA	-	68	1.85E-06	2	1054.530	-1.27	Head	2R:-:7155990-7155964	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_66879	DPQTEDSGTYK	AGAP001633-PA	-	64	2.30E-06	1	1240.535	1.41	Head	2R:-:7179254-7179222	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_66962	VLELTKDEEYEFR	AGAP001633-PA	-	98	2.94E-09	1	1670.829	0.91	Male reproductive organs	2R:-:7163112-7163074	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_66976	AVNEIGESEPLDCSHPIVAK	AGAP001633-PA	C13(Carbamidomethyl)	98	2.15E-09	1	2165.058	1.5	Midgut	2R:-:7162485-7162426	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_67181	IVAQNVNGKDEETVELVVLGAPGRPQGK	AGAP001633-PA	-	117	6.15E-12	1	2917.580	2.11	Visceras	2R:-:7171275-7171192	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_67282	APENDGGSPITGYVVEK	AGAP001633-PA	-	131	1.44E-12	1	1732.841	1.42	Visceras	2R:-:7164117-7164067	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_67479	DLVVPVGK	AGAP001633-PA	-	52	2.23E-05	1	826.503	-0.04	Male reproductive organs	2R:-:7162965-7162942	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_67527	DVSEECKDFIR	AGAP001633-PA	C6(Carbamidomethyl)	89	1.46E-08	1	1397.637	0.28	Visceras	2R:-:7155081-7155049	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_67639	VSGLSENHEYVFR	AGAP001633-PA	-	114	7.03E-11	1	1536.745	0.48	Visceras	2R:-:7159257-7159219	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_67655	AVEVPEGDVTSVK	AGAP001633-PA	-	63	7.28E-06	2	1329.690	0.12	Male reproductive organs	2R:-:7164036-7163998	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_67764	EKPILGDDNYEIINK	AGAP001633-PA	-	95	4.53E-09	2	1760.911	2.61	Head	2R:-:7170388-7170344	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_67909	EKPILGDDNYEIINKDYNTK	AGAP001633-PA	-	47	0.000332914	1	2382.182	-0.27	Midgut	2R:-:7170388-7170329	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_67920	AVNEIGESEPLDCSHPIVAK	AGAP001633-PA	C13(Carbamidomethyl)	123	7.13E-12	1	2165.059	2.29	Head	2R:-:7162485-7162426	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68016	VSISNDTQSDECECK	AGAP001633-PA	C12(Carbamidomethyl), C14(Carbamidomethyl)	32	0.001280027	2	1771.717	3.24	Visceras	2R:-:7178544-7178500	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_68257	ISGEPAPTK	AGAP001633-PA	-	49	8.28E-05	2	899.484	0.21	Head	2R:-:7167573-7167547	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_68286	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	98	2.11E-09	1	1899.937	0.89	Pupa	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_68292	VVFEATFTKPNSK	AGAP001633-PA	-	48	0.000158754	1	1467.784	-0.2	Midgut	2R:-:7175148-7175110	exon=> In CDS Exon 11 of transcript AGAP001633-PA
JHU_Ag_68314	AGTGEASDPTNFHTVK	AGAP001633-PA	-	111	1.22E-10	1	1631.765	-0.84	Head	2R:-:7169674-7169627	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_68330	FNQLIIPHLSPGHQYEFR	AGAP001633-PA	-	56	2.65E-05	1	2196.147	5.32	Ovary	2R:-:7156044-7155991	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68374	APENDGGSPITGYVVEK	AGAP001633-PA	N4(Deamidated)	126	4.38E-12	2	1732.842	1.7	Pupa	2R:-:7164117-7164067	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68500	KRPNQPDPPSIDK	AGAP001633-PA	-	43	0.000566991	1	1491.798	4.2	Larva	2R:-:7160337-7160299	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68503	LVNIPSDVYLVK	AGAP001633-PA	-	32	0.001625449	2	1359.797	6.44	Larva	2R:-:7157658-7157623	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68683	VVDLPEKR	AGAP001633-PA	-	42	0.000404801	1	955.557	-0.24	Male reproductive organs	2R:-:7169731-7169708	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_68784	VLELTKDEEYEFR	AGAP001633-PA	-	91	1.17E-08	1	1670.830	1.93	Head	2R:-:7163112-7163074	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68794	GTWVYAGDSGSAR	AGAP001633-PA	-	87	1.82E-08	1	1326.608	0.45	Head	2R:-:7164354-7164316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68902	AGEGDPSRPTESHIAR	AGAP001633-PA	-	52	9.67E-05	1	1679.809	-0.41	Male reproductive organs	2R:-:7163940-7163893	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_68952	ASETVIQEFTGR	AGAP001633-PA	-	92	1.02E-08	2	1337.671	0.8	Visceras	2R:-:7178634-7178599	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_69060	MCEQEIIEYMK	AGAP001633-PA	C2(Carbamidomethyl)	72	4.68E-07	2	1473.644	1.46	Head	2R:-:7155471-7155439	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_69083	DNSYQVYNLLPGR	AGAP001633-PA	-	69	2.08E-06	1	1538.761	0.79	Male reproductive organs	2R:-:7158387-7158349	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_69234	FNQLIIPHLSPGHQYEFR	AGAP001633-PA	-	91	9.25E-09	1	2196.140	2.27	Visceras	2R:-:7156044-7155991	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_69260	DLSISAGSMLK	AGAP001633-PA	M9(Oxidation)	51	0.000118774	2	1137.583	0.76	Male reproductive organs	2R:-:7165629-7165597	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_69277	LDTDALR	AGAP001633-PA	-	51	0.00024259	2	803.426	-0.12	Pupa	2R:-:7163475-7163455	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_69307	WVDANAPTELIADQAYR	AGAP001633-PA	-	142	1.09E-13	1	1932.946	0.51	Visceras	2R:-:7160193-7160143	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_69389	EKPILGDDNYEIINK	AGAP001633-PA	-	40	0.001598876	1	1760.914	3.93	Larva	2R:-:7170388-7170344	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_69415	AGLSVQYDIDIEGEPAPTVK	AGAP001633-PA	-	72	8.82E-07	2	2102.073	3.57	Pupa	2R:-:7169379-7169320	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_69496	CSFEDIGQYQVR	AGAP001633-PA	C1(Carbamidomethyl)	68	1.37E-06	2	1501.674	0.12	Visceras	2R:-:7153006-7152971	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_69580	SVELTCEAHGKPEPTCR	AGAP001633-PA	C6(Carbamidomethyl), C16(Carbamidomethyl)	115	3.60E-11	1	1970.906	0.13	Visceras	2R:-:7157895-7157845	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_69739	VVEVPFTTGESR	AGAP001633-PA	-	46	0.000478494	1	1320.679	-0.08	Male reproductive organs	2R:-:7173913-7174245,7172331-7173727	exon=> In CDS Exon 14 and 13 of transcript AGAP001633-PA
JHU_Ag_69792	DDSGMYTLIVK	AGAP001633-PA	M5(Oxidation)	75	4.13E-07	1	1257.604	0.3	Male reproductive organs	2R:-:7162794-7162762	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_69913	SKPAAPEGPLEVKDMTK	AGAP001633-PA	M15(Oxidation)	36	0.002863552	1	1813.944	4.12	Malpighian tubule	2R:-:7166415-7166696,7166042-7166298	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_69956	TPLDDGGSPITNYIVER	AGAP001633-PA	N12(Deamidated)	131	1.24E-12	1	1846.925	3.93	Visceras	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_70063	VVFEATFTKPNSK	AGAP001633-PA	-	93	5.19E-09	1	1467.784	0.05	Visceras	2R:-:7175148-7175110	exon=> In CDS Exon 11 of transcript AGAP001633-PA
JHU_Ag_70154	IQGYWIEK	AGAP001633-PA	-	35	0.004198828	1	1036.546	-0.64	Visceras	2R:-:7156989-7156966	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_70226	AVNDAGPSDPSNATPPIVCKPR	AGAP001633-PA	C19(Carbamidomethyl)	60	1.51E-05	1	2263.119	2.4	Malpighian tubule	2R:-:7164846-7164781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_70257	GTWTNAGMSTSLVNEISR	AGAP001633-PA	M8(Oxidation)	134	7.01E-13	1	1923.924	0.52	Head	2R:-:7162575-7162522	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_70365	APLDDGGMPIEGYEIEK	AGAP001633-PA	M8(Oxidation)	103	6.67E-10	2	1849.856	1.81	Visceras	2R:-:7169070-7169020	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_70390	NDSGSVSCNVNVHVTGLPGPPTGPLLVSHVTK	AGAP001633-PA	C8(Carbamidomethyl)	176	2.50E-17	1	3239.637	-3.45	Visceras	2R:-:7157436-7157341	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_70474	ASETVIQEFTGR	AGAP001633-PA	-	95	5.46E-09	1	1337.674	3.36	Pupa	2R:-:7178634-7178599	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_70487	SDGGATITEYIVQKK	AGAP001633-PA	-	54	5.02E-05	1	1609.843	-0.42	Male reproductive organs	2R:-:7162335-7162291	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_70743	FAGEFTELYKPAAK	AGAP001633-PA	-	73	6.82E-07	1	1571.815	3.17	Larva	2R:-:7163154-7163113	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_70770	YTHTVVPR	AGAP001633-PA	-	50	0.000148367	1	972.522	-4.13	Pupa	2R:-:7161651-7161628	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_71066	VKTDIKPDITWTR	AGAP001633-PA	-	38	0.001091893	1	1572.874	0	Visceras	2R:-:7179380-7179342	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_71076	LPKDDGGSPITHYVIEK	AGAP001633-PA	-	38	0.00184807	1	1868.974	-0.83	Male reproductive organs	2R:-:7162641-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_71183	IENGNYHTNFSIK	AGAP001633-PA	N3(Deamidated)	103	8.47E-10	1	1536.745	0.73	Head	2R:-:7171347-7171309	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_71185	YPFTVPDPPNPPR	AGAP001633-PA	-	77	2.84E-07	1	1496.757	2.15	Head	2R:-:7158567-7158529	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_71220	AVNEAGPGIWSDHSKPITCKPR	AGAP001633-PA	C19(Carbamidomethyl)	49	0.000177526	1	2420.212	-0.72	Head	2R:-:7166832-7166767	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_71404	CGTVTGGPEILEADITGLDEGATYK	AGAP001633-PA	C1(Carbamidomethyl)	74	5.40E-07	2	2567.223	1.82	Visceras	2R:-:7171062-7170988	exon=> In CDS Exon 16 of transcript AGAP001633-PA

JHU_Ag_71553	LNQLYDFR	AGAP001633-PA	-	65	3.17E-06	2	1068.546	-1.5	Head	2R:-:7159542-7159519	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_71705	VEDPDVVKPPEVVKPLNTLTCVQNR	AGAP001633-PA	C21(Carbamidomethyl)	43	0.000295352	1	2846.507	-0.27	Midgut	2R:-:7156800-7156726	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_71709	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	-	132	6.78E-13	1	2205.012	0.89	Midgut	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_71875	IEETREGEFSVK	AGAP001633-PA	-	45	0.000449638	1	1423.707	0.12	Male reproductive organs	2R:-:7178931-7178896	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_71882	YENWASFVLPLGR	AGAP001633-PA	-	87	2.49E-08	1	1551.804	5.64	Visceras	2R:-:7154904-7154866	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_72181	DLNIADWDKDFVDLR	AGAP001633-PA	-	103	8.53E-10	1	1834.910	6.87	Head	2R:-:7173207-7173163	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_72218	DFVELEWAAPK	AGAP001633-PA	-	55	6.41E-05	2	1304.653	0.89	Male reproductive organs	2R:-:7168797-7168765	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_72389	AGQSEPSDISDSVVAK	AGAP001633-PA	-	62	1.21E-05	2	1589.770	3.09	Malpighian tubule	2R:-:7168599-7168552	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_72493	VSAVNQAGQGNPSDSSVK	AGAP001633-PA	-	143	6.83E-14	1	1744.850	2.45	Head	2R:-:7161294-7161241	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_72503	AVNSEGESEPLETDTSIK	AGAP001633-PA	-	133	7.88E-13	2	1905.897	2.58	Larva	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_72531	SVTISWKPPLDNGGSELTGYVVEK	AGAP001633-PA	-	103	5.16E-10	1	2576.330	2.25	Visceras	2R:-:7161780-7161709	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_72597	NPYDEPWKPGTPEIVDFDDK	AGAP001633-PA	-	93	7.11E-09	1	2362.093	2.38	Visceras	2R:-:7170918-7170859	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_72601	SDGLMSAHPVVAK	AGAP001633-PA	-	60	1.17E-05	1	1311.672	-0.5	Visceras	2R:-:7161570-7161532	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_72763	ISTGTAEFAAPEIVER	AGAP001633-PA	-	83	8.22E-08	2	1690.865	0.4	Pupa	2R:-:7155282-7155235	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_72834	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	110	1.50E-10	1	1899.935	-0.13	Male reproductive organs	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_73064	DVLEGTWITNNFLIK	AGAP001633-PA	-	37	0.001717094	1	1762.942	2.73	Pupa	2R:-:7158432-7158388	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_73112	FKTDGDNYTCTIFNPK	AGAP001633-PA	C10(Carbamidomethyl)	66	3.18E-06	2	1920.878	-0.84	Male reproductive organs	2R:-:7174991-7174944	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_73157	TPLDDGGSPITNYIVER	AGAP001633-PA	-	108	2.68E-10	2	1846.918	-0.11	Midgut	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_73245	AGLSVQYDIDIEGEPAPTVK	AGAP001633-PA	-	96	3.72E-09	2	2102.067	0.9	Visceras	2R:-:7169379-7169320	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_73319	LSSSDVIDIK	AGAP001633-PA	-	52	7.17E-05	2	1076.584	0.1	Male reproductive organs	2R:-:7153760-7153731	exon=> In CDS Exon 22 of transcript AGAP001633-PA
JHU_Ag_73328	VPDLFEGTTYQFR	AGAP001633-PA	-	98	2.85E-09	1	1572.773	2.48	Head	2R:-:7167765-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_73355	VSAVNENGIGPALEGVDPIK	AGAP001633-PA	-	129	1.38E-12	1	1979.047	1.1	Visceras	2R:-:7157163-7157104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_73396	FVSPHFNK	AGAP001633-PA	-	41	0.001702229	1	975.504	-0.96	Pupa	2R:-:7163001-7162978	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_73402	TASIECSVASR	AGAP001633-PA	C6(Carbamidomethyl)	69	1.68E-06	2	1180.563	-0.14	Head	2R:-:7179033-7179001	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_73624	SEPLSMANSVLAK	AGAP001633-PA	M6(Oxidation)	76	4.69E-07	2	1362.694	0.53	Male reproductive organs	2R:-:7164237-7164199	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_73658	AGTGEASDPTNFHTVK	AGAP001633-PA	-	54	5.76E-05	1	1631.774	5.1	Malpighian tubule	2R:-:7169674-7169627	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_73853	DPYSVPSKPGRPQPTNWSK	AGAP001633-PA	-	89	1.92E-08	1	2141.081	1.44	Pupa	2R:-:7168854-7168798	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_74094	LGFHGDQPMEVNISK	AGAP001633-PA	M9(Oxidation)	49	0.000176646	1	1687.812	0.74	Pupa	2R:-:7157601-7157557	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_74202	ATLEVDNVTFEDSGK	AGAP001633-PA	-	107	2.86E-10	1	1624.771	0.77	Male reproductive organs	2R:-:7183079-7183035	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_74252	EFEVIVVDRPQPPK	AGAP001633-PA	-	78	1.11E-07	1	1652.896	-3.05	Visceras	2R:-:7160952-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_74340	DGGRPITHYVIECK	AGAP001633-PA	C13(Carbamidomethyl)	68	2.10E-06	1	1644.816	-0.29	Visceras	2R:-:7172041-7172000	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_74376	HTVLTIR	AGAP001633-PA	-	33	0.001476943	2	839.509	-1.14	Visceras	2R:-:7156323-7156303	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_74536	AVEVPEGDVTSVK	AGAP001633-PA	-	64	5.51E-06	2	1329.691	1.22	Pupa	2R:-:7164036-7163998	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_74541	IKEEPAPAQK	AGAP001633-PA	-	53	3.67E-05	1	1110.618	2.41	Malpighian tubule	2R:-:7177929-7179086,7177725-7177824	exon=> In CDS Exon 8 and 7 of transcript AGAP001633-PA
JHU_Ag_74626	QGTWEFDEVAFR	AGAP001633-PA	-	73	5.54E-07	2	1484.686	3.73	Head	2R:-:7155117-7155082	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_74713	YVKPFIEGEGLQPITLK	AGAP001633-PA	-	86	9.85E-09	1	1932.083	-0.83	Midgut	2R:-:7172928-7172878	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_74770	LNQLYDFR	AGAP001633-PA	-	70	9.96E-07	2	1068.550	2.27	Pupa	2R:-:7159542-7159519	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_74845	AEVDGLIEGHTYK	AGAP001633-PA	-	69	2.31E-06	2	1431.714	1.52	Male reproductive organs	2R:-:7164309-7164271	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_74917	LNIVGLSEADFGAYK	AGAP001633-PA	-	132	8.64E-13	1	1596.831	2.65	Pupa	2R:-:7178895-7178851	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_75264	VSGLSENHEYVFR	AGAP001633-PA	-	74	6.15E-07	1	1536.742	-1.74	Midgut	2R:-:7159257-7159219	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_75446	VNTTLCVICTINCANLVEGR	AGAP001633-PA	C6(Carbamidomethyl), C9(Carbamidomethyl), C13(Carbamidomethyl)	100	1.36E-09	2	2307.129	1.4	Head	2R:-:7156935-7156876	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_75463	TPLDDGGSPITNYIVER	AGAP001633-PA	-	152	1.01E-14	1	1846.922	2.14	Head	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_75592	LENSDKYVIGK	AGAP001633-PA	-	76	3.05E-07	1	1265.674	0.38	Head	2R:-:7174739-7174707	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_75716	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	106	3.78E-10	1	1998.003	0.14	Pupa	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_75864	VAAVNAAGTSPFSNPSDPIMVSAAFTAPK	AGAP001633-PA	M20(Oxidation)	70	1.32E-06	3	2834.407	1.35	Head	2R:-:7159218-7159132	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_75947	ADSGVYTLTAK	AGAP001633-PA	-	64	4.39E-06	2	1125.577	-1.2	Pupa	2R:-:7163679-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_76067	LIDFGLATK	AGAP001633-PA	-	42	0.000341478	2	977.569	2.1	Pupa	2R:-:7155333-7155307	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_76101	DLNIADWDKDFVDLR	AGAP001633-PA	-	112	9.68E-11	1	1834.902	2.42	Visceras	2R:-:7173207-7173163	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_76111	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	-	145	3.83E-14	1	2205.015	2.63	Pupa	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_76226	AINDEGESEPLETEEYIVAK	AGAP001633-PA	-	105	4.85E-10	1	2236.052	0.61	Pupa	2R:-:7169989-7169930	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_76313	DILVIAR	AGAP001633-PA	-	47	7.71E-05	2	799.502	-1.7	Visceras	2R:-:7159107-7159087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_76482	ITPPTAPGAPAVVK	AGAP001633-PA	-	34	0.001120831	1	1318.773	0.1	Male reproductive organs	2R:-:7158261-7158220	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_76498	AENIYGASEPTESKPISPK	AGAP001633-PA	-	91	1.47E-08	1	2018.015	3.74	Larva	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_76503	DSFSVPDTPSAPTVVDWSENHAVLK	AGAP001633-PA	-	38	0.002286169	1	2698.310	3.95	Pupa	2R:-:7166051-7166347,7153983-7165897	exon=> In CDS Exon 21 and 20 of transcript AGAP001633-PA

JHU_Ag_76637	AVNDAGPSDPSNATPPIVCKPR	AGAP001633-PA	C19(Carbamidomethyl)	66	3.38E-06	1	2263.118	1.84	Larva	2R:-:7164846-7164781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_76734	TPLDDGGSPITNYIVER	AGAP001633-PA	-	148	2.80E-14	1	1846.919	0.69	Male reproductive organs	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_76952	ITNITTEGCR	AGAP001633-PA	C9(Carbamidomethyl)	64	5.97E-06	1	1164.569	0.73	Male reproductive organs	2R:-:7162683-7162654	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77041	TTMTALGHHTIVHTVNCNR	AGAP001633-PA	M3(Oxidation), C17(Carbamidomethyl),C17(Carbamidomethyl)	120	1.67E-11	1	2163.053	-0.83	Visceras	2R:-:7161969-7161913	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77063	NIIHLDIKPENVMCQTR	AGAP001633-PA	M13(Oxidation), C14(Carbamidomethyl)	83	7.07E-08	1	2097.060	0.86	Head	2R:-:7155402-7155352	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77071	AGQSEPSDISDSVVAK	AGAP001633-PA	-	56	4.44E-05	2	1589.767	1.02	Midgut	2R:-:7168599-7168552	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_77133	AVNDAGPSDPSNATPPIVCKPR	AGAP001633-PA	C19(Carbamidomethyl)	121	1.15E-11	1	2263.114	0.14	Male reproductive organs	2R:-:7164846-7164781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77262	IIVPYTATPKPDAIWMVNGNEVSR	AGAP001633-PA	M16(Oxidation), N20(Deamidated),"M16(Oxidation), N18(Deamidated)"	58	1.53E-05	1	2688.388	6.51	Larva	2R:-:7159074-7159003	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77428	LVNIPSDVYLVK	AGAP001633-PA	-	45	0.000150831	1	1359.789	0.61	Visceras	2R:-:7157658-7157623	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77533	LVNIPSDVYLVK	AGAP001633-PA	-	46	0.000111298	2	1359.789	0.61	Male reproductive organs	2R:-:7157658-7157623	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77540	IKLDNEEYK	AGAP001633-PA	-	41	0.001250795	2	1151.593	-1.41	Visceras	2R:-:7168389-7168363	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_77695	VRAENIYGASEPTESKPISPK	AGAP001633-PA	-	64	5.04E-06	1	2273.171	-2.75	Visceras	2R:-:7160706-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77789	KDGGAPITSYIVEK	AGAP001633-PA	-	69	1.53E-06	2	1477.792	1.22	Head	2R:-:7163220-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77797	AVEVPEGDVTSVK	AGAP001633-PA	-	76	3.05E-07	2	1329.690	0.48	Visceras	2R:-:7164036-7163998	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_77873	FPASLSVLDGAK	AGAP001633-PA	-	88	1.75E-08	2	1204.657	-0.41	Male reproductive organs	2R:-:7153177-7153142	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_78049	WVDANAPTELIADQAYR	AGAP001633-PA	-	110	2.07E-10	2	1932.948	1.46	Head	2R:-:7160193-7160143	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_78119	DDGGSPITHYVIEK	AGAP001633-PA	-	95	5.26E-09	1	1530.744	0.28	Visceras	2R:-:7162632-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_78194	TVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	55	4.64E-05	1	2449.225	-2.9	Midgut	2R:-:7160406-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_78220	NLSVAIGEPFGFDVK	AGAP001633-PA	-	98	1.91E-09	1	1592.828	-2.23	Pupa	2R:-:7166664-7166620	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_78241	GLEAPSIEIIR	AGAP001633-PA	-	69	7.31E-07	2	1197.684	0.35	Visceras	2R:-:7177823-7177791	exon=> In CDS Exon 8 of transcript AGAP001633-PA
JHU_Ag_78344	IEFEDYR	AGAP001633-PA	-	43	0.000320271	2	971.446	-0.6	Visceras	2R:-:7167495-7167475	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_78399	IEFEDYR	AGAP001633-PA	-	36	0.001847328	2	971.450	2.79	Larva	2R:-:7167495-7167475	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_78405	AGEGDPSRPTESHIAR	AGAP001633-PA	-	92	1.01E-08	1	1679.812	1.23	Visceras	2R:-:7163940-7163893	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_78612	KGPTSTSRPEGK	AGAP001633-PA	-	60	1.65E-05	1	1244.660	0.55	Visceras	2R:-:7153607-7153909,7152914-7153508	exon=> In CDS Exon 23 and 22 of transcript AGAP001633-PA
JHU_Ag_78692	NEHGQDEAEVEITILSSPSRPK	AGAP001633-PA	-	56	3.13E-05	1	2436.209	3.41	Pupa	2R:-:7170271-7170206	exon=> In CDS Exon 17 of transcript AGAP001633-PA

JHU_Ag_78719	RADSGVYTLTAK	AGAP001633-PA	-	62	7.65E-06	1	1281.682	1.38	Head	2R:-:7163682-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_78758	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	123	6.79E-12	1	1920.985	1.86	Head	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_78768	VQTRPVVGYYVEK	AGAP001633-PA	-	67	1.20E-06	1	1537.840	1.72	Larva	2R:-:7160556-7160518	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_78769	AGTGEASDPTNFHTVK	AGAP001633-PA	-	99	1.71E-09	1	1631.765	-0.46	Male reproductive organs	2R:-:7169674-7169627	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_79011	AGNNVVFDVK	AGAP001633-PA	-	73	9.57E-07	1	1062.557	-1.13	Visceras	2R:-:7164729-7164700	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_79101	GYIVQYR	AGAP001633-PA	-	45	0.000232533	2	898.478	-0.41	Visceras	2R:-:7160232-7160212	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_79294	YELDEHGKPK	AGAP001633-PA	-	69	1.44E-06	1	1215.595	-4.59	Head	2R:-:7155891-7155862	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_79439	NPSGTDTVDLELVVLAKPSK	AGAP001633-PA	-	86	1.78E-08	1	2083.135	3.36	Visceras	2R:-:7168299-7168240	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_79580	GIPIKPPVIK	AGAP001633-PA	-	21	0.000367257	1	1061.708	-0.13	Male reproductive organs	2R:-:7153507-7153478	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_79759	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	-	131	9.17E-13	1	2205.017	3.29	Larva	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_79783	FDVAISGEPAPK	AGAP001633-PA	-	55	5.42E-05	2	1230.642	4.34	Pupa	2R:-:7165596-7165561	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_79852	RPNSDGGAAITGYFIEK	AGAP001633-PA	-	86	4.13E-08	1	1795.891	-3.32	Head	2R:-:7169848-7169798	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_79861	VEDPDVVKPPEVVKPLNTLTCVQNR	AGAP001633-PA	C21(Carbamidomethyl)	57	1.03E-05	1	2846.522	4.72	Pupa	2R:-:7156800-7156726	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_80016	AVNQGGASKPSNSTEPLK	AGAP001633-PA	-	109	1.51E-10	1	1784.916	0.99	Male reproductive organs	2R:-:7172994-7172941	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_80171	AVNQGGASKPSNSTEPLK	AGAP001633-PA	-	82	8.55E-08	1	1784.919	2.7	Head	2R:-:7172994-7172941	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_80424	IEFEDYR	AGAP001633-PA	-	41	0.000468292	2	971.447	-0.22	Midgut	2R:-:7167495-7167475	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_80489	KPADDGGSPILEYKIEK	AGAP001633-PA	-	42	0.000690812	1	1859.974	-0.46	Male reproductive organs	2R:-:7171143-7171093	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_80551	AGQSEPSDISDSVVAK	AGAP001633-PA	-	81	1.39E-07	1	1589.765	-0.06	Pupa	2R:-:7168599-7168552	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_80622	SFVDLSWTPPASDGGSR	AGAP001633-PA	-	42	0.000949189	2	1778.835	0.36	Male reproductive organs	2R:-:7158210-7158160	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_80648	VYAVNNYGVSPPSAETR	AGAP001633-PA	-	125	5.89E-12	2	1823.895	1.31	Visceras	2R:-:7158030-7157980	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_80833	TDGDNYTCTIFNPK	AGAP001633-PA	C8(Carbamidomethyl)	84	3.04E-08	2	1645.717	0.69	Visceras	2R:-:7174985-7174944	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_80835	KVTHYIVER	AGAP001633-PA	-	60	1.20E-05	1	1144.646	-1.18	Head	2R:-:7157292-7157266	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_80906	KDGGAPITSYIVEK	AGAP001633-PA	-	64	4.71E-06	1	1477.791	0.56	Pupa	2R:-:7163220-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_80911	VPDLIEGTAYQFR	AGAP001633-PA	-	99	2.12E-09	1	1508.777	1.56	Pupa	2R:-:7163997-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_80940	IEQQMAAKPEVK	AGAP001633-PA	M5(Oxidation)	84	5.94E-08	1	1387.726	0.33	Male reproductive organs	2R:-:7154127-7154092	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_81270	AMETDGPEPK	AGAP001633-PA	M2(Oxidation)	53	2.67E-05	1	1074.477	-0.05	Head	2R:-:7167801-7167772	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_81352	EITHGGQYALESK	AGAP001633-PA	-	85	5.23E-08	1	1432.708	0.75	Pupa	2R:-:7157826-7157788	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_81523	VFAENVYGR	AGAP001633-PA	-	42	0.000679714	1	1054.532	0	Larva	2R:-:7155990-7155964	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_81603	AENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	122	6.72E-12	1	2213.156	4.93	Visceras	2R:-:7158627-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_81640	VVEVPFTTGESR	AGAP001633-PA	-	54	7.65E-05	2	1320.679	-0.26	Midgut	2R:-:7173913-7174245,7172331-7173727	exon=> In CDS Exon 14 and 13 of transcript AGAP001633-PA
JHU_Ag_81709	TTMTALGHHTIVHTVNCNR	AGAP001633-PA	M3(Oxidation), C17(Carbamidomethyl)	82	8.99E-08	1	2179.052	1.23	Male reproductive organs	2R:-:7161969-7161913	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_81771	SDGGAPIQK	AGAP001633-PA	-	34	0.002914 13	1	872.446	-0.93	Head	2R:-:7170828-7170802	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_82157	MTAPADATAATVPDLLEGQK	AGAP001633-PA	M1(Oxidation)	103	7.78E-10	1	2015.997	0.98	Head	2R:-:7164924-7164865	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_82342	LGFHGDQPMEVNISK	AGAP001633-PA	M9(Oxidation)	76	3.16E-07	1	1687.818	4.15	Larva	2R:-:7157601-7157557	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_82347	NPFDEPSAPR	AGAP001633-PA	-	48	0.000142 71	2	1129.527	-0.48	Visceras	2R:-:7165086-7165057	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_82612	APLDDGGMPIEGYEIEK	AGAP001633-PA	M8(Oxidation)	71	1.23E-06	1	1849.854	0.96	Male reproductive organs	2R:-:7169070-7169020	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_82858	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	131	1.15E-12	2	2280.127	1.2	Pupa	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_82883	GDSGDYEITATNSSGR	AGAP001633-PA	-	69	8.49E-07	2	1629.703	2.41	Larva	2R:-:7165455-7165408	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_82894	IQISDRPDKPR	AGAP001633-PA	-	55	2.21E-05	1	1324.732	-0.89	Visceras	2R:-:7156224-7156192	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_83021	DDGGCDIEYYQIER	AGAP001633-PA	C5(Carbamidomethyl)	89	3.85E-09	1	1732.720	4.72	Midgut	2R:-:7165293-7165252	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_83065	INELFPEDSGVYLCTAK	AGAP001633-PA	C14(Carbamidomethyl)	82	9.46E-08	1	1955.945	1.48	Head	2R:-:7153703-7153653	exon=> In CDS Exon 22 of transcript AGAP001633-PA
JHU_Ag_83103	ISGEPAPDVDWTINDR	AGAP001633-PA	-	98	2.38E-09	1	1784.844	-0.57	Pupa	2R:-:7166619-7166572	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_83346	TIDVESGATTIQVR	AGAP001633-PA	-	129	2.25E-12	2	1489.787	0.55	Midgut	2R:-:7172769-7172728	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_83641	SDGGAPVTEYIIQK	AGAP001633-PA	-	57	3.59E-05	2	1477.752	-0.92	Midgut	2R:-:7168764-7168723	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_83676	GTWVYAGDSGSAR	AGAP001633-PA	-	34	0.004200 547	2	1326.611	3.03	Larva	2R:-:7164354-7164316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_83693	EGESTPLETLLAVK	AGAP001633-PA	-	41	0.001147 834	1	1486.797	-1.98	Midgut	2R:-:7172388-7172347	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_83774	DVLDTDKGVYLVNFK	AGAP001633-PA	-	140	1.12E-13	1	1725.912	3.79	Visceras	2R:-:7157481-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_83822	FSSEVEEDQNHCYLIR	AGAP001633-PA	C12(Carbamidomethyl)	29	0.009106 828	1	2025.898	0.56	Midgut	2R:-:7181633-7181586	exon=> In CDS Exon 4 of transcript AGAP001633-PA
JHU_Ag_83889	DVLDTDKGVYLVNFK	AGAP001633-PA	-	125	3.41E-12	1	1725.912	3.72	Head	2R:-:7157481-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_83998	TVNPYDPPEAPGKPAVDDYGVDFVELK	AGAP001633-PA	-	128	1.98E-12	1	2932.436	3.57	Pupa	2R:-:7172346-7173740,7171822-7172060	exon=> In CDS Exon 15 and 14 of transcript AGAP001633-PA
JHU_Ag_84083	FPQKPTISQK	AGAP001633-PA	-	47	0.000187 581	1	1173.663	0.07	Male reproductive organs	2R:-:7181097-7181068	exon=> In CDS Exon 5 of transcript AGAP001633-PA
JHU_Ag_84139	NPYDEPWKPGTPEIVDFDDK	AGAP001633-PA	-	128	2.14E-12	1	2362.088	0.21	Midgut	2R:-:7170918-7170859	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_84174	DGGAPITSYIVEK	AGAP001633-PA	-	45	0.000501 789	2	1349.699	3.32	Midgut	2R:-:7163217-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_84268	TNLVEVR	AGAP001633-PA	-	53	9.31E-05	2	830.477	4.54	Pupa	2R:-:7164756-7164736	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_84397	AGLSVQYDIDIEGEPAPTVK	AGAP001633-PA	-	64	5.59E-06	2	2102.069	1.71	Malpighian tubule	2R:-:7169379-7169320	exon=> In CDS Exon 18 of transcript AGAP001633-PA

JHU_Ag_84438	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	118	2.29E-11	1	1998.002	-0.29	Male reproductive organs	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_84457	VAAQNEIGVSEFSK	AGAP001633-PA	-	101	1.28E-09	1	1478.748	-0.44	Midgut	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_84588	AGPSDPSDSSR	AGAP001633-PA	-	52	2.75E-05	1	1075.468	2.97	Malpighian tubule	2R:-:7165719-7165687	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_84597	GGHSPYSPVSDPVTVK	AGAP001633-PA	-	74	5.86E-07	1	1626.814	0.77	Visceras	2R:-:7167708-7167661	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_84723	DQFVVPGPPTKPDIIDSGYEQITLSWKPPISDGGSR	AGAP001633-PA	-	80	7.57E-08	1	3896.975	0.98	Pupa	2R:-:7161531-7161424	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_84829	VRAENIYGASEPTESKPISPK	AGAP001633-PA	-	95	3.27E-09	1	2273.187	4.34	Malpighian tubule	2R:-:7160706-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_84901	FNCNDLVSGR	AGAP001633-PA	C3(Carbamidomethyl)	70	8.71E-07	2	1181.536	-0.45	Visceras	2R:-:7173348-7173319	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_84925	IPFTGFPKPR	AGAP001633-PA	-	52	5.78E-05	1	1159.660	-2.23	Midgut	2R:-:7156422-7156393	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85085	VIGVNAEGDGEPLESDEVVAK	AGAP001633-PA	-	116	3.88E-11	1	2127.044	-0.62	Visceras	2R:-:7170981-7170919	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_85115	DLNGTVTLIIK	AGAP001633-PA	-	45	0.000139782	2	1186.703	-0.78	Head	2R:-:7174706-7174674	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_85224	DPWTEPDPPR	AGAP001633-PA	-	56	2.55E-05	1	1209.553	-0.43	Visceras	2R:-:7173237-7173208	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_85237	DGGRPITHYVIECK	AGAP001633-PA	C13(Carbamidomethyl)	45	0.000398634	1	1644.815	-0.59	Pupa	2R:-:7172041-7172000	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_85245	NPFDEPGKPGTPEAYDWDK	AGAP001633-PA	-	46	0.000277294	1	2162.970	1.36	Male reproductive organs	2R:-:7167075-7167019	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_85348	TVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	111	1.03E-10	1	2449.230	-0.95	Pupa	2R:-:7160406-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85390	VENLEEGKEYQFR	AGAP001633-PA	-	96	3.23E-09	1	1640.792	0.01	Head	2R:-:7160142-7160104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85454	AEVDGLIEGHTYK	AGAP001633-PA	-	75	5.39E-07	2	1431.718	4.68	Pupa	2R:-:7164309-7164271	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85456	RLEILNTDYNSK	AGAP001633-PA	-	43	0.000542898	2	1465.766	0.74	Pupa	2R:-:7165515-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85461	DLSISAGSMLK	AGAP001633-PA	M9(Oxidation)	71	1.13E-06	2	1137.585	2.69	Midgut	2R:-:7165629-7165597	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85573	KDGGAPITSYIVEK	AGAP001633-PA	-	51	9.99E-05	2	1477.788	-1.26	Midgut	2R:-:7163220-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85582	AVNEIGESEPLDCSHPIVAK	AGAP001633-PA	C13(Carbamidomethyl)	87	2.96E-08	1	2165.060	2.71	Visceras	2R:-:7162485-7162426	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85626	AVNPEGESEPLETAGTVVAK	AGAP001633-PA	-	103	6.35E-10	1	1998.014	5.45	Ovary	2R:-:7166111-7166052	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_85704	ATDWGTDFVK	AGAP001633-PA	-	59	1.47E-05	2	1139.536	-0.56	Visceras	2R:-:7165047-7165018	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_85809	IVESDKVQIVK	AGAP001633-PA	-	91	3.31E-09	1	1257.741	-0.07	Visceras	2R:-:7174463-7174431	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_85929	LELTDAGEIR	AGAP001633-PA	-	65	5.34E-06	2	1116.589	-0.39	Visceras	2R:-:7174054-7174025	exon=> In CDS Exon 13 of transcript AGAP001633-PA
JHU_Ag_86111	LINPEGKPPR	AGAP001633-PA	-	35	0.002060037	1	1120.648	0.55	Pupa	2R:-:7181471-7181651,7180821-7181098	exon=> In CDS Exon 5 and 4 of transcript AGAP001633-PA
JHU_Ag_86193	VPDLIEGTAYQFR	AGAP001633-PA	-	102	1.01E-09	1	1508.774	0.02	Midgut	2R:-:7163997-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_86244	REVKPTDR	AGAP001633-PA	-	32	0.006867608	1	1000.547	-6.73	Head	2R:-:7164654-7164631	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_86253	GTWVYAGDSGSAR	AGAP001633-PA	-	104	4.21E-10	1	1326.608	0.27	Pupa	2R:-:7164354-7164316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_86431	KVTHYIVER	AGAP001633-PA	-	65	2.85E-06	1	1144.652	4.1	Larva	2R:-:7157292-7157266	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_86522	APENDGGSPITGYVVEK	AGAP001633-PA	-	131	1.18E-12	1	1732.844	2.9	Head	2R:-:7164117-7164067	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_86784	IIVPYTATPKPDAIWMVNGNEVSR	AGAP001633-PA	N18(Deamidated)	69	1.26E-06	1	2672.381	2.2	Pupa	2R:-:7159074-7159003	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_86951	VVDLPEKR	AGAP001633-PA	-	35	0.001808956	1	955.559	2.32	Larva	2R:-:7169731-7169708	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_87101	DLVVPVGK	AGAP001633-PA	-	48	4.98E-05	1	826.504	0.7	Pupa	2R:-:7162965-7162942	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87112	VSGLSENHEYVFR	AGAP001633-PA	-	115	4.93E-11	1	1536.745	0.56	Male reproductive organs	2R:-:7159257-7159219	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87147	VIAVNAAGESEPSDATDAVLTR	AGAP001633-PA	-	163	7.06E-16	1	2186.096	1.07	Visceras	2R:-:7162188-7162123	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87167	CSFEDIGQYQVR	AGAP001633-PA	C1(Carbamidomethyl)	63	3.95E-06	2	1501.676	1.18	Head	2R:-:7153006-7152971	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_87469	DILVIAR	AGAP001633-PA	-	42	0.000227092	2	799.503	-1.31	Head	2R:-:7159107-7159087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87571	EAISDYDDYVFDVYSK	AGAP001633-PA	-	115	2.81E-11	1	1928.849	2.84	Visceras	2R:-:7155846-7155799	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87626	VVYENYR	AGAP001633-PA	-	39	0.000970054	2	942.468	0.16	Pupa	2R:-:7163730-7163710	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87633	ADHDFAPSFTQKPQLR	AGAP001633-PA	N-Term(Acetyl)	94	5.53E-09	1	1899.937	0.99	Head	2R:-:7184744-7184697	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_87795	EVPLSTWIR	AGAP001633-PA	-	48	0.00022748	1	1100.610	-0.23	Male reproductive organs	2R:-:7156086-7156060	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87800	KLATEGHWSK	AGAP001633-PA	-	37	0.001835053	3	1156.612	0.83	Pupa	2R:-:7159323-7159294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_87804	QIDGVAPTFIK	AGAP001633-PA	-	36	0.002886438	1	1188.664	1.06	Pupa	2R:-:7183361-7183329	exon=> In CDS Exon 2 of transcript AGAP001633-PA
JHU_Ag_87838	AVNSEGESEPLETDTSIK	AGAP001633-PA	N3(Deamidated)	100	1.35E-09	2	1905.891	-0.75	Male reproductive organs	2R:-:7168023-7167970	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_87973	LNIVGLSEADFGAYK	AGAP001633-PA	-	148	2.13E-14	1	1596.828	0.81	Visceras	2R:-:7178895-7178851	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_87998	AENIYGASEPTESKPISPK	AGAP001633-PA	-	51	0.000121735	1	2018.014	2.98	Head	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_88201	VEDPDVVKPPEVVKPLNTLTCVQNR	AGAP001633-PA	C21(Carbamidomethyl)	44	0.000224048	1	2846.507	-0.51	Male reproductive organs	2R:-:7156800-7156726	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_88454	VSAVNENGIGPALEGVDPIK	AGAP001633-PA	N7(Deamidated)	95	3.68E-09	2	1979.041	-1.74	Midgut	2R:-:7157163-7157104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_88672	SVETNADINGLQDGK	AGAP001633-PA	-	88	2.37E-08	2	1560.752	1.15	Head	2R:-:7165212-7165168	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_88691	DDGGSEILHYVVEK	AGAP001633-PA	-	90	1.67E-08	1	1560.756	0.93	Male reproductive organs	2R:-:7163517-7163476	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_88749	LENSDKYVIGK	AGAP001633-PA	N3(Deamidated)	70	1.30E-06	1	1265.674	0.47	Male reproductive organs	2R:-:7174739-7174707	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_88882	IGEQLNTEKPEWVK	AGAP001633-PA	-	111	9.87E-11	1	1670.876	0.75	Male reproductive organs	2R:-:7157970-7157929	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_89006	SVETNADINGLQDGKK	AGAP001633-PA	N9(Deamidated)	117	3.77E-11	2	1689.832	1.85	Male reproductive organs	2R:-:7165212-7165165	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_89086	NSVNLSWR	AGAP001633-PA	-	42	0.001338006	2	975.500	-1.1	Visceras	2R:-:7160289-7160266	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_89091	SKPAAPEGPLEVKDMTK	AGAP001633-PA	M15(Oxidation)	53	5.51E-05	2	1813.937	0.15	Male reproductive organs	2R:-:7166415-7166696,7166042-7166298	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_89302	ITGVPRPR	AGAP001633-PA	-	30	0.003005269	2	895.549	1.39	Head	2R:-:7156704-7156681	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_89904	DDGGCDIEYYQIER	AGAP001633-PA	C5(Carbamidomethyl)	100	2.47E-10	2	1732.715	1.48	Visceras	2R:-:7165293-7165252	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90089	APLDDGGMPIEGYEIEK	AGAP001633-PA	M8(Oxidation)	77	3.11E-07	1	1849.855	1.48	Midgut	2R:-:7169070-7169020	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_90108	AVEVPEGDVTSVK	AGAP001633-PA	-	46	0.000321444	2	1329.689	-0.89	Midgut	2R:-:7164036-7163998	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90211	DLNIADWDKDFVDLR	AGAP001633-PA	-	63	9.08E-06	2	1834.905	4.55	Midgut	2R:-:7173207-7173163	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_90286	QVPIYKPETLTIR	AGAP001633-PA	-	50	4.01E-05	1	1557.901	0.46	Head	2R:-:7154496-7154458	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90291	GITELVDGGR	AGAP001633-PA	-	62	9.32E-06	2	1016.536	-0.84	Visceras	2R:-:7175712-7175683	exon=> In CDS Exon 10 of transcript AGAP001633-PA
JHU_Ag_90333	DKYSPIWEK	AGAP001633-PA	-	36	0.004618319	1	1165.586	-2.35	Midgut	2R:-:7165839-7165813	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90421	IDSGSYTIHLVNCVGK	AGAP001633-PA	C13(Carbamidomethyl)	114	7.15E-11	1	1762.883	2.36	Visceras	2R:-:7158936-7158889	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90554	AIETNSPNPTATVGGLVEGNEYQFR	AGAP001633-PA	-	150	1.60E-14	1	2664.289	-0.38	Visceras	2R:-:7165812-7165738	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90604	SDGGATITEYIVQK	AGAP001633-PA	-	91	1.23E-08	2	1481.746	-1.44	Visceras	2R:-:7162335-7162294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90669	SGWDVIGESPGDQCK	AGAP001633-PA	C14(Carbamidomethyl)	59	1.28E-05	1	1634.713	0.97	Male reproductive organs	2R:-:7173393-7173349	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_90705	RLEILNTDYNSK	AGAP001633-PA	-	95	4.07E-09	1	1465.765	0.49	Visceras	2R:-:7165515-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90802	SEELLSENAR	AGAP001633-PA	-	47	0.000364262	2	1147.558	-0.64	Head	2R:-:7184618-7184589	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_90822	AENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	118	1.96E-11	1	2213.145	-0.16	Male reproductive organs	2R:-:7158627-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90828	NDKGQATSQVIEIK	AGAP001633-PA	-	55	3.79E-05	1	1530.817	2.89	Larva	2R:-:7178838-7178797	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_90891	VPDLIEGTAYQFR	AGAP001633-PA	-	95	5.19E-09	1	1508.781	4.39	Head	2R:-:7163997-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_90923	VVFEATFTKPNSK	AGAP001633-PA	-	62	5.77E-06	1	1467.785	0.3	Male reproductive organs	2R:-:7175148-7175110	exon=> In CDS Exon 11 of transcript AGAP001633-PA
JHU_Ag_90951	GLIEGSEYLFR	AGAP001633-PA	-	59	1.61E-05	2	1283.663	0.23	Male reproductive organs	2R:-:7157196-7157164	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_91032	TDIKPDITWTR	AGAP001633-PA	-	52	9.31E-05	1	1345.712	0.46	Visceras	2R:-:7179374-7179342	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_91110	FKTDGDNYTCTIFNPK	AGAP001633-PA	C10(Carbamidomethyl)	75	3.96E-07	2	1920.888	4.57	Head	2R:-:7174991-7174944	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_91251	YGLSEPAQADSIVAK	AGAP001633-PA	-	93	8.69E-09	1	1548.793	1.79	Head	2R:-:7159500-7159456	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_91260	VTDVTAEGCK	AGAP001633-PA	C9(Carbamidomethyl)	67	2.97E-06	1	1079.504	0.36	Head	2R:-:7168221-7168192	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_91433	VFAENVYGR	AGAP001633-PA	-	61	9.73E-06	2	1054.532	0.23	Midgut	2R:-:7155990-7155964	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_91640	ADSGVYTLTAK	AGAP001633-PA	-	67	2.16E-06	2	1125.584	4.98	Male reproductive organs	2R:-:7163679-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_91648	DLTHGGGWVPAVAYVSPK	AGAP001633-PA	-	36	0.002905235	1	1853.957	1.37	Salivary gland	2R:-:7161705-7161652	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_91719	RLIFECEIK	AGAP001633-PA	C6(Carbamidomethyl)	52	6.75E-05	1	1207.649	-1.09	Head	2R:-:7183295-7183269	exon=> In CDS Exon 2 of transcript AGAP001633-PA
JHU_Ag_91939	AHGGIYEIK	AGAP001633-PA	-	60	1.71E-05	1	987.525	-1.15	Pupa	2R:-:7167444-7167418	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_92219	LSEYSALR	AGAP001633-PA	-	42	0.000626359	2	938.496	2.39	Male reproductive organs	2R:-:7154865-7154842	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_92236	VRAENIYGASEPTESKPISPK	AGAP001633-PA	-	71	9.68E-07	1	2273.172	-2.43	Male reproductive organs	2R:-:7160706-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_92302	GFAPSFVEKPK	AGAP001633-PA	-	65	3.62E-06	1	1206.652	-0.12	Male reproductive organs	2R:-:7179773-7179741	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_92429	YAGDDYYFIINR	AGAP001633-PA	-	53	7.30E-05	2	1509.700	-0.27	Male reproductive organs	2R:-:7154631-7154596	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_92516	CVSNADKTEAEIFVK	AGAP001633-PA	C1(Carbamidomethyl)	38	0.002975176	2	1710.843	3.59	Head	2R:-:7174367-7174323	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_92599	IEFEDYR	AGAP001633-PA	-	45	0.00018934	2	971.447	0.15	Male reproductive organs	2R:-:7167495-7167475	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_92600	AENIYGASEPTESKPISPK	AGAP001633-PA	-	104	7.11E-10	1	2018.007	-0.43	Visceras	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_92679	LNIVGLSEADFGAYK	AGAP001633-PA	-	59	1.77E-05	2	1596.826	-0.71	Ovary	2R:-:7178895-7178851	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_92909	KLATEGHWSK	AGAP001633-PA	-	56	2.58E-05	1	1156.615	3.72	Male reproductive organs	2R:-:7159323-7159294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_92952	IGEQLNTEKPEWVKR	AGAP001633-PA	-	77	1.95E-07	1	1826.977	0.79	Pupa	2R:-:7157970-7157926	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93105	DNSYQVYNLLPGR	AGAP001633-PA	-	45	0.000487448	2	1538.756	-2.23	Midgut	2R:-:7158387-7158349	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93130	ITNITTEGCR	AGAP001633-PA	C9(Carbamidomethyl)	55	4.46E-05	1	1164.569	0.73	Head	2R:-:7162683-7162654	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93186	GLIEGSEYLFR	AGAP001633-PA	-	79	1.44E-07	1	1283.665	1.66	Head	2R:-:7157196-7157164	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93239	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	38	0.002115034	1	1920.991	5.1	Malpighian tubule	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_93276	AVNQGGASKPSNSTEPLK	AGAP001633-PA	-	49	0.000178244	2	1784.914	0.04	Midgut	2R:-:7172994-7172941	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_93313	GEPEPEITWIFK	AGAP001633-PA	-	56	4.21E-05	1	1445.734	1.99	Head	2R:-:7170424-7170389	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_93421	EAISDYDDYVFDVYSK	AGAP001633-PA	-	46	0.000196472	2	1928.847	1.58	Ovary	2R:-:7155846-7155799	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93645	EEVIFLNVHPMSK	AGAP001633-PA	M11(Oxidation)	86	4.00E-08	1	1558.795	0.96	Head	2R:-:7154535-7154497	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93673	DDGGSPITHYVIEK	AGAP001633-PA	-	81	1.35E-07	1	1530.744	0.36	Male reproductive organs	2R:-:7162632-7162591	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93720	DDGGVPIDHYVIEK	AGAP001633-PA	-	71	1.22E-06	1	1556.763	2.44	Midgut	2R:-:7166264-7166223	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_93778	SDGGAPVTEYIIQK	AGAP001633-PA	-	71	1.36E-06	2	1477.758	3.13	Larva	2R:-:7168764-7168723	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_93836	FPASLSVLDGAK	AGAP001633-PA	-	49	0.000106446	2	1204.660	2.43	Head	2R:-:7153177-7153142	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_93854	LIAVNEIGQSEPSRPSITVTLAEQPNKPMMDLSNVR	AGAP001633-PA	M29(Oxidation), M30(Oxidation)	113	3.13E-11	1	3967.029	0.61	Head	2R:-:7160103-7159996	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_93862	GGHSPYSPVSDPVTVKDR	AGAP001633-PA	-	79	1.96E-07	1	1897.942	0.97	Male reproductive organs	2R:-:7167708-7167655	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_93892	VIAKPKPKDEEKPK	AGAP001633-PA	-	26	0.002286875	1	1606.959	3.81	Malpighian tubule	2R:-:7178493-7178452	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_93988	QGESTPLVTSQPITAK	AGAP001633-PA	-	93	5.78E-09	2	1656.882	1.07	Midgut	2R:-:7163358-7163311	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_94022	LAWLPPEDDGGEPIQAYIVER	AGAP001633-PA	-	72	9.11E-07	2	2368.194	5.2	Larva	2R:-:7168191-7168129	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_94036	KFEFR	AGAP001633-PA	-	36	0.001337174	2	726.393	-0.61	Visceras	2R:-:7172421-7172407	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_94063	SFVDLSWTPPASDGGSR	AGAP001633-PA	-	92	8.68E-09	2	1778.839	2.62	Pupa	2R:-:7158210-7158160	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94095	NSVNLSWR	AGAP001633-PA	-	55	7.19E-05	2	975.500	-1.1	Head	2R:-:7160289-7160266	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94096	VKYELDEHGKPK	AGAP001633-PA	-	82	6.85E-08	1	1442.770	4.56	Male reproductive organs	2R:-:7155897-7155862	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94109	IKLDNEEYK	AGAP001633-PA	-	45	0.000439807	1	1151.596	1.45	Head	2R:-:7168389-7168363	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_94164	SDGGAPVTEYIIQK	AGAP001633-PA	-	88	2.79E-08	1	1477.753	0.07	Male reproductive organs	2R:-:7168764-7168723	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_94341	FAGEFTELYKPAAK	AGAP001633-PA	-	67	2.53E-06	1	1571.814	2.01	Visceras	2R:-:7163154-7163113	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94382	YGLSEPAQADSIVAK	AGAP001633-PA	-	67	2.93E-06	1	1548.801	6.52	Larva	2R:-:7159500-7159456	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94544	DFVELEWAAPK	AGAP001633-PA	-	87	3.57E-08	2	1304.654	1.55	Pupa	2R:-:7168797-7168765	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_94708	ELATDADYKIDNVDYNTK	AGAP001633-PA	-	73	8.00E-07	1	2087.985	3.89	Larva	2R:-:7169301-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_94724	APENDGGSPITGYVVEK	AGAP001633-PA	-	149	2.34E-14	1	1732.840	0.43	Male reproductive organs	2R:-:7164117-7164067	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94737	AGLSVQYDIDIEGEPAPTVK	AGAP001633-PA	-	88	2.31E-08	2	2102.076	5.08	Head	2R:-:7169379-7169320	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_94738	LVETEHIK	AGAP001633-PA	-	43	0.000324171	2	968.538	-3.25	Pupa	2R:-:7157544-7157521	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94749	FPEADVTGLQEGK	AGAP001633-PA	-	89	2.09E-08	1	1390.686	0.46	Visceras	2R:-:7168083-7168045	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_94766	VRAENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	34	0.002502601	1	2468.315	0.2	Male reproductive organs	2R:-:7158633-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94840	YGLSEPAQADSIVAK	AGAP001633-PA	-	98	3.12E-09	1	1548.791	0.45	Male reproductive organs	2R:-:7159500-7159456	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_94895	DVLDTDKGVYLVNFK	AGAP001633-PA	-	78	1.81E-07	1	1725.905	-0.52	Midgut	2R:-:7157481-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95071	MVYGTVPR	AGAP001633-PA	M1(Oxidation)	34	0.004745367	2	938.479	2.31	Larva	2R:-:7160781-7160758	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95110	HLTENHEYVFR	AGAP001633-PA	-	40	0.001260254	1	1444.699	1.77	Larva	2R:-:7160739-7160707	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95179	NPFDEPGKPGTPEAYDWDK	AGAP001633-PA	-	40	0.000982539	1	2162.972	2.46	Pupa	2R:-:7167075-7167019	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_95219	IELSINDTEAIFK	AGAP001633-PA	-	55	3.97E-05	2	1492.792	1.51	Pupa	2R:-:7158993-7158955	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95250	LDDRGEYIIR	AGAP001633-PA	-	55	4.81E-05	1	1249.654	0.22	Male reproductive organs	2R:-:7154589-7154560	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95462	NSVNLSWR	AGAP001633-PA	N1(Deamidated)	45	0.000477894	2	976.485	-0.1	Male reproductive organs	2R:-:7160289-7160266	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95477	AGEGDPSRPTESHIAR	AGAP001633-PA	-	101	1.54E-09	1	1679.811	1.01	Pupa	2R:-:7163940-7163893	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95495	VIGVATPVLTWYHNNQELK	AGAP001633-PA	-	125	2.56E-12	1	2182.165	-0.46	Visceras	2R:-:7154712-7154656	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_95661	SDGGAPVTEYIIQK	AGAP001633-PA	-	101	1.37E-09	1	1477.756	1.64	Pupa	2R:-:7168764-7168723	exon=> In CDS Exon 18 of transcript AGAP001633-PA

JHU_Ag_95705	IVAQNVNGK	AGAP001633-PA	Q4(Deamidated), N7(Deamidated),"Q4(Deamidated), N5(Deamidated)"	42	0.001135794	1	944.515	11.01	Midgut	2R:-:7171275-7171249	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_95781	ELATDADYKIDNVDYNTK	AGAP001633-PA	-	146	3.93E-14	1	2087.977	0.24	Visceras	2R:-:7169301-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_95899	ITPPTAPGAPAVVK	AGAP001633-PA	-	27	0.003984948	1	1318.779	4.54	Malpighian tubule	2R:-:7158261-7158220	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_96181	FVMLEWKEPESDGNAPIQK	AGAP001633-PA	M3(Oxidation)	90	1.39E-08	1	2234.082	0.88	Head	2R:-:7167903-7167847	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_96314	VLELTKDEEYEFR	AGAP001633-PA	-	84	6.51E-08	1	1670.832	3.1	Pupa	2R:-:7163112-7163074	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_96483	GGESFSSCTITVLAQDDQK	AGAP001633-PA	C8(Carbamidomethyl)	94	4.84E-09	1	2042.934	0.25	Head	2R:-:7153255-7153199	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_96556	KPDDDGGKPITGYELQK	AGAP001633-PA	-	122	1.03E-11	1	1860.933	-0.33	Male reproductive organs	2R:-:7170151-7170101	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_96615	DDIPLTETQNIK	AGAP001633-PA	-	59	1.70E-05	2	1386.713	1.46	Pupa	2R:-:7171383-7171348	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_96745	VEDPDVVKPPEVVKPLNTLTCVQNR	AGAP001633-PA	C21(Carbamidomethyl)	135	1.85E-13	1	2846.509	0.44	Head	2R:-:7156800-7156726	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_96853	AIETNSPNPTATVGGLVEGNEYQFR	AGAP001633-PA	-	95	4.63E-09	2	2664.299	3.47	Pupa	2R:-:7165812-7165738	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_96901	IQISDRPDKPR	AGAP001633-PA	-	55	2.06E-05	1	1324.732	-0.89	Head	2R:-:7156224-7156192	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_96906	TIDVESGATTIQVR	AGAP001633-PA	-	97	2.85E-09	1	1489.785	-0.27	Head	2R:-:7172769-7172728	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_96935	KDGGAPITSYIVEK	AGAP001633-PA	-	76	2.97E-07	1	1477.791	0.72	Male reproductive organs	2R:-:7163220-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_97018	GEQIESGSHYHIETR	AGAP001633-PA	-	83	6.22E-08	2	1742.811	0.88	Visceras	2R:-:7156374-7156330	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_97257	YAGDDYYFIINR	AGAP001633-PA	-	97	2.84E-09	2	1509.705	2.39	Visceras	2R:-:7154631-7154596	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_97336	HPFDPPSQPGTPSR	AGAP001633-PA	-	45	0.000450336	2	1519.723	-3.9	Head	2R:-:7159455-7159414	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_97388	VSIDTNMEQTVFR	AGAP001633-PA	M7(Oxidation)	71	1.16E-06	1	1555.741	-0.5	Midgut	2R:-:7161066-7161028	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_97552	DPYSVPSKPGRPQPTNWSK	AGAP001633-PA	-	39	0.001827321	1	2141.079	0.76	Midgut	2R:-:7168854-7168798	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_97687	TPLDDGGSPITNYIVER	AGAP001633-PA	-	53	7.61E-05	2	1846.922	2.08	Salivary gland	2R:-:7158783-7158733	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_97798	AVNQGGASKPSNSTEPLK	AGAP001633-PA	-	88	1.85E-08	1	1784.916	1.34	Visceras	2R:-:7172994-7172941	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_97845	LGTLITMK	AGAP001633-PA	M7(Oxidation)	37	0.001410282	1	892.517	-0.28	Male reproductive organs	2R:-:7179725-7179702	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_97894	AGVSDPSEPSEPVVCK	AGAP001633-PA	C15(Carbamidomethyl)	104	6.59E-10	1	1657.777	1.91	Head	2R:-:7163055-7163008	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_97902	DIVFEKPPATKPIIDAK	AGAP001633-PA	-	66	7.94E-07	1	1882.067	-0.84	Pupa	2R:-:7178796-7178746	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_98083	KPDDDGGKPITGYELQK	AGAP001633-PA	-	89	1.92E-08	1	1860.936	0.95	Pupa	2R:-:7170151-7170101	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_98149	WNPPLDDGGVPIEYYNVEK	AGAP001633-PA	-	46	0.000455265	1	2205.056	2.72	Pupa	2R:-:7167297-7167241	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_98191	SEELLSENAR	AGAP001633-PA	-	49	0.000179857	2	1147.559	0.1	Male reproductive organs	2R:-:7184618-7184589	exon=> In CDS Exon 1 of transcript AGAP001633-PA
JHU_Ag_98212	GLTVGETFEFR	AGAP001633-PA	-	72	8.51E-07	2	1255.634	1.43	Visceras	2R:-:7173033-7173001	exon=> In CDS Exon 14 of transcript AGAP001633-PA

JHU_Ag_98418	ELATDADYKIDNVDYNTK	AGAP001633-PA	-	106	3.90E-10	1	2087.983	3.16	Pupa	2R:-:7169301-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_98434	FFIMR	AGAP001633-PA	-	33	0.001446547	2	713.380	-0.87	Visceras	2R:-:7169247-7169233	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_98447	RADSGVYTLTAK	AGAP001633-PA	-	53	5.32E-05	2	1281.685	3.96	Malpighian tubule	2R:-:7163682-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_98451	DIVFEKPPATKPIIDAK	AGAP001633-PA	-	66	7.01E-07	1	1882.070	0.65	Visceras	2R:-:7178796-7178746	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_98461	YAGDDYYFIINR	AGAP001633-PA	-	68	2.20E-06	2	1509.701	-0.11	Ovary	2R:-:7154631-7154596	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_98674	GQATSQVIEIK	AGAP001633-PA	-	49	0.000159812	2	1173.647	-0.04	Male reproductive organs	2R:-:7178829-7178797	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_98814	KVTHYIVER	AGAP001633-PA	-	48	0.000149672	1	1144.652	3.7	Ovary	2R:-:7157292-7157266	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_98926	GITELVDGGR	AGAP001633-PA	-	45	0.000497206	2	1016.537	-0.18	Male reproductive organs	2R:-:7175712-7175683	exon=> In CDS Exon 10 of transcript AGAP001633-PA
JHU_Ag_98935	LNISSVTR	AGAP001633-PA	-	44	0.000433878	2	889.509	-1.52	Pupa	2R:-:7167468-7167445	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_98966	EITHGGQYALESK	AGAP001633-PA	-	76	4.40E-07	1	1432.709	1.35	Head	2R:-:7157826-7157788	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_99037	LIFECEIK	AGAP001633-PA	C5(Carbamidomethyl)	47	0.000282079	2	1051.549	-0.05	Male reproductive organs	2R:-:7183292-7183269	exon=> In CDS Exon 2 of transcript AGAP001633-PA
JHU_Ag_99318	AMETDGPEPK	AGAP001633-PA	M2(Oxidation)	36	0.000998825	1	1090.476	3.27	Malpighian tubule	2R:-:7167801-7167772	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_99362	VSISNDTQSDECECK	AGAP001633-PA	C12(Carbamidomethyl), C14(Carbamidomethyl)	77	3.80E-08	1	1771.709	-1.31	Pupa	2R:-:7178544-7178500	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_99383	GLTVGETFEFR	AGAP001633-PA	-	60	1.34E-05	2	1255.630	-1.48	Pupa	2R:-:7173033-7173001	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_99484	RDLQIPDLATETEYEFR	AGAP001633-PA	-	96	4.30E-09	1	2096.030	0.36	Head	2R:-:7162239-7162189	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_99560	TVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	103	6.34E-10	1	2449.234	0.69	Male reproductive organs	2R:-:7160406-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_99688	DLNIADWDKDFVDLR	AGAP001633-PA	-	53	8.18E-05	1	1834.900	1.51	Pupa	2R:-:7173207-7173163	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_99689	VFAENVYGR	AGAP001633-PA	-	57	2.06E-05	1	1054.530	-1.62	Pupa	2R:-:7155990-7155964	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_99891	LNIVGLSEADFGAYK	AGAP001633-PA	N2(Deamidated)	129	1.59E-12	1	1596.831	2.73	Head	2R:-:7178895-7178851	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_99913	SEPLSMANSVLAK	AGAP001633-PA	M6(Oxidation)	85	6.75E-08	2	1346.700	1.02	Visceras	2R:-:7164237-7164199	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_99938	FPASLSVLDGAK	AGAP001633-PA	-	88	1.79E-08	2	1204.657	-0.41	Pupa	2R:-:7153177-7153142	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_99972	FDVAISGEPAPK	AGAP001633-PA	-	50	0.000158976	1	1230.638	0.87	Male reproductive organs	2R:-:7165596-7165561	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_99974	RIDSGSYTIHLVNCVGK	AGAP001633-PA	C14(Carbamidomethyl)	67	2.80E-06	1	1918.986	2.68	Ovary	2R:-:7158939-7158889	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_100292	KPEPSK	AGAP001633-PA	-	33	0.001797203	1	685.387	-2.07	Head	2R:-:7154076-7154059	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_100380	NDYEEPSQPPKPEVR	AGAP001633-PA	-	106	3.23E-10	1	1784.846	0.81	Head	2R:-:7162425-7162381	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_100495	GEQIESGSHYHIETR	AGAP001633-PA	-	95	4.33E-09	1	1742.819	5.43	Larva	2R:-:7156374-7156330	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_100501	AVNDAGPSDPSNATPPIVCKPR	AGAP001633-PA	C19(Carbamidomethyl)	96	3.53E-09	1	2263.113	-0.27	Pupa	2R:-:7164846-7164781	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_100522	VAAVNAAGTSPFSNPSDPIMVSAAFTAPK	AGAP001633-PA	M20(Oxidation)	48	0.000202147	3	2834.415	4.12	Larva	2R:-:7159218-7159132	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_100625	NPFDEPGKPGTPEAYDWDK	AGAP001633-PA	N1(Deamidated)	58	1.79E-05	1	2162.972	2.54	Head	2R:-:7167075-7167019	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_100692	DDIPLTETQNIK	AGAP001633-PA	-	65	4.14E-06	2	1386.711	-0.3	Male reproductive organs	2R:-:7171383-7171348	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_100821	FPASLSVLDGAK	AGAP001633-PA	-	54	3.90E-05	2	1204.658	0.3	Ovary	2R:-:7153177-7153142	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_100883	AGPSDPSDSSRTFTAKPR	AGAP001633-PA	-	47	0.000395142	1	1876.924	5.11	Malpighian tubule	2R:-:7165719-7165666	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_100928	IQISDRPDKPR	AGAP001633-PA	-	58	1.08E-05	1	1324.733	0.08	Pupa	2R:-:7156224-7156192	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_101067	ELMPLQSDSLMHPPEFTK	AGAP001633-PA	M3(Oxidation), M11(Oxidation)	38	0.002243512	1	2132.006	1.16	Visceras	2R:-:7153992-7165961,7153607-7153866	exon=> In CDS Exon 22 and 21 of transcript AGAP001633-PA
JHU_Ag_101095	LQNYDYSTK	AGAP001633-PA	-	44	0.000409083	2	1131.531	-0.24	Head	2R:-:7164624-7164598	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_101220	IPFTGFPKPR	AGAP001633-PA	-	47	0.000176928	1	1159.661	-0.72	Visceras	2R:-:7156422-7156393	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_101259	EQDTDTWQR	AGAP001633-PA	-	35	0.001765436	2	1178.504	-2.63	Pupa	2R:-:7156962-7156936	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_101264	SDGLMSAHPVVAK	AGAP001633-PA	M5(Oxidation)	67	2.46E-06	1	1327.671	2.29	Pupa	2R:-:7161570-7161532	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_101798	GTWVYAGDSGSAR	AGAP001633-PA	-	75	3.42E-07	2	1326.607	-0.47	Visceras	2R:-:7164354-7164316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_102020	VRAENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	38	0.000960271	1	2468.324	3.76	Midgut	2R:-:7158633-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_102070	EGDSEPLEMETVIIAK	AGAP001633-PA	M9(Oxidation)	77	3.91E-07	1	1776.869	6.43	Larva	2R:-:7168902-7168855	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_102212	LDDRGEYIIR	AGAP001633-PA	-	40	0.001539082	1	1249.654	0.12	Head	2R:-:7154589-7154560	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_102296	ANHVVISWQPPEDTGGCPLTGYLLEK	AGAP001633-PA	C17(Carbamidomethyl)	63	6.18E-06	1	2881.438	6.61	Midgut	2R:-:7172589-7172512	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_102446	VAAQNEIGVSEFSK	AGAP001633-PA	-	112	1.08E-10	1	1478.750	0.63	Pupa	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_102576	IGEQLNTEKPEWVKR	AGAP001633-PA	-	75	2.75E-07	1	1826.985	4.7	Malpighian tubule	2R:-:7157970-7157926	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_102673	IELANATGTEEHTTNVVFQDIPQPPQDLGCTGIYQTR	AGAP001633-PA	C30(Carbamidomethyl)	42	0.000601095	1	4113.970	-2.92	Visceras	2R:-:7173591-7173481	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_102676	IVAQNVNGKDEETVELVVLGAPGRPQGK	AGAP001633-PA	N7(Deamidated)	191	3.35E-19	1	2918.567	2.9	Pupa	2R:-:7171275-7171192	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_102725	NPYDEPWKPGTPEIVDFDDK	AGAP001633-PA	N1(Deamidated)	118	2.19E-11	1	2362.092	1.76	Head	2R:-:7170918-7170859	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_102753	IVESDKVQIVK	AGAP001633-PA	-	32	0.003134819	1	1257.741	-0.55	Midgut	2R:-:7174463-7174431	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_102851	APADAEEFDVTGLQEGQHYK	AGAP001633-PA	-	82	6.92E-08	1	2205.012	1.05	Visceras	2R:-:7170061-7170002	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_102854	LAWLPPEDDGGEPIQAYIVER	AGAP001633-PA	-	68	2.12E-06	2	2368.193	4.79	Head	2R:-:7168191-7168129	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_102923	TNLKPIVVR	AGAP001633-PA	-	28	0.001517898	2	1039.665	2.45	Larva	2R:-:7170487-7170461	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_102975	AGNNVVFDVKVSGEPVPTTR	AGAP001633-PA	-	75	3.20E-07	1	2086.106	6.27	Malpighian tubule	2R:-:7164729-7164670	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103008	IVESDKVQIVK	AGAP001633-PA	-	67	9.94E-07	1	1257.742	0.23	Pupa	2R:-:7174463-7174431	exon=> In CDS Exon 12 of transcript AGAP001633-PA

JHU_Ag_103199	AEVDGLIEGHTYK	AGAP001633-PA	-	102	1.18E-09	1	1431.714	1.61	Head	2R:-:7164309-7164271	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103280	LVVSNSSGTDEGSFNLTVLDRPDPPQGPTVYEEITEK	AGAP001633-PA	-	35	0.002623149	1	3990.948	0.52	Midgut	2R:-:7161891-7161781	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103285	KMTAPADATAATVPDLLEGQK	AGAP001633-PA	M2(Oxidation)	46	0.000308831	2	2144.088	-1.19	Male reproductive organs	2R:-:7164927-7164865	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103361	EKDSPYWSNAGR	AGAP001633-PA	-	68	1.77E-06	2	1409.643	-1.14	Pupa	2R:-:7162290-7162255	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103372	STHYDNMGMEANKPYNFR	AGAP001633-PA	M7(Oxidation), M9(Oxidation)	73	2.67E-07	1	2206.930	1.05	Visceras	2R:-:7158687-7158634	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103417	NCTAEDADTYR	AGAP001633-PA	C2(Carbamidomethyl)	80	2.35E-08	1	1315.522	-0.24	Male reproductive organs	2R:-:7174673-7174641	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_103425	TIDNVPYNSK	AGAP001633-PA	-	42	0.000956404	2	1150.575	0.84	Pupa	2R:-:7166547-7166518	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_103460	ITPPTAPGAPAVVK	AGAP001633-PA	-	27	0.004995054	1	1318.772	-0.92	Midgut	2R:-:7158261-7158220	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103565	DHVLVQVTVTDKPGPPEGPLTASDITK	AGAP001633-PA	-	90	6.29E-09	1	2814.490	0.39	Midgut	2R:-:7165407-7165327	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103711	VIGVATPVLTWYHNNQELK	AGAP001633-PA	-	75	2.19E-07	1	2182.171	2.45	Head	2R:-:7154712-7154656	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103730	AIETNSPNPTATVGGLVEGNEYQFRVIALNK	AGAP001633-PA	-	83	2.99E-08	1	3302.722	6.04	Malpighian tubule	2R:-:7165812-7165720	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103747	VENLEEGKEYQFR	AGAP001633-PA	-	107	2.92E-10	1	1640.793	1.05	Male reproductive organs	2R:-:7160142-7160104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103848	LEILNTDYNSK	AGAP001633-PA	-	39	0.001838742	2	1309.664	0.59	Head	2R:-:7165512-7165480	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_103856	ITPPTAPGAPAVVK	AGAP001633-PA	-	34	0.00113381	1	1318.775	1.39	Head	2R:-:7158261-7158220	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104045	NLSVAIGEPFGFDVK	AGAP001633-PA	-	81	8.49E-08	1	1592.843	6.81	Larva	2R:-:7166664-7166620	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_104069	IRPDNLIEGHSYQFR	AGAP001633-PA	-	79	1.73E-07	1	1844.945	2.49	Visceras	2R:-:7163421-7163377	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104303	EKLVETEHIK	AGAP001633-PA	-	63	2.64E-06	1	1225.683	3.11	Male reproductive organs	2R:-:7157550-7157521	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104324	KPADDGGSPILEYK	AGAP001633-PA	-	70	1.62E-06	2	1489.755	1.13	Male reproductive organs	2R:-:7171143-7171102	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_104406	GLIEGSEYLFR	AGAP001633-PA	-	58	2.01E-05	2	1283.663	0.04	Midgut	2R:-:7157196-7157164	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104491	LGAPTNEAR	AGAP001633-PA	-	48	0.000135212	1	928.472	-14.13	Head	2R:-:7154037-7154011	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104536	FKDWEDVSEVDGGETSATVDGLK	AGAP001633-PA	-	56	3.54E-05	1	2484.146	1.74	Pupa	2R:-:7170777-7170709	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_104632	DNSYQVYNLLPGR	AGAP001633-PA	-	64	6.90E-06	2	1538.763	1.9	Visceras	2R:-:7158387-7158349	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104728	AVEVPEGDVTSVK	AGAP001633-PA	-	58	2.30E-05	1	1329.691	0.94	Head	2R:-:7164036-7163998	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104873	YHPKPVEISNK	AGAP001633-PA	-	44	0.000408574	1	1311.706	0.05	Head	2R:-:7155798-7155766	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104887	LVNIPSDVYLVK	AGAP001633-PA	-	45	0.000140362	1	1359.792	2.85	Head	2R:-:7157658-7157623	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_104924	IENGNYHTNFSIK	AGAP001633-PA	N3(Deamidated)	61	9.79E-06	1	1537.731	1.99	Pupa	2R:-:7171347-7171309	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_104988	EKDSPYWSNAGR	AGAP001633-PA	-	55	3.92E-05	2	1409.646	0.77	Male reproductive organs	2R:-:7162290-7162255	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105184	FSSEVEEDQNHCYLIR	AGAP001633-PA	C12(Carbamidomethyl)	41	0.000639434	1	2025.897	0.11	Male reproductive organs	2R:-:7181633-7181586	exon=> In CDS Exon 4 of transcript AGAP001633-PA

JHU_Ag_105206	EITHGGQYALESK	AGAP001633-PA	-	80	1.55E-07	1	1432.706	-0.52	Visceras	2R:-:7157826-7157788	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105304	SQHWLIVSNYVK	AGAP001633-PA	-	91	1.13E-08	1	1473.786	0.94	Visceras	2R:-:7157253-7157218	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105410	VSDWDANYVTVTWERPLMDGGSR	AGAP001633-PA	M18(Oxidation)	92	8.02E-09	1	2670.227	0.74	Head	2R:-:7158528-7158460	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105481	AANQYGEDVKEFEVIVVDRPQPPK	AGAP001633-PA	-	144	4.33E-14	1	2728.394	-0.01	Pupa	2R:-:7160982-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105532	GLIEGSEYLFR	AGAP001633-PA	-	83	5.10E-08	1	1283.665	1.18	Larva	2R:-:7157196-7157164	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105616	MTAPADATAATVPDLLEGQK	AGAP001633-PA	M1(Oxidation)	53	8.04E-05	2	2015.992	-1.69	Visceras	2R:-:7164924-7164865	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105677	DVSEECKDFIR	AGAP001633-PA	C6(Carbamidomethyl)	89	1.37E-08	1	1397.637	0.01	Male reproductive organs	2R:-:7155081-7155049	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105739	VENLEEGKEYQFR	AGAP001633-PA	-	107	3.00E-10	1	1640.793	0.97	Visceras	2R:-:7160142-7160104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105742	ATLEVDNVTFEDSGK	AGAP001633-PA	-	80	1.51E-07	2	1624.771	0.7	Salivary gland	2R:-:7183079-7183035	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_105760	QGTWEFDEVAFR	AGAP001633-PA	-	73	5.46E-07	2	1484.682	1.02	Pupa	2R:-:7155117-7155082	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105795	FAGEFTELYKPAAK	AGAP001633-PA	-	69	1.79E-06	1	1571.810	-0.25	Midgut	2R:-:7163154-7163113	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105826	TVNEVGVSKPSEPTDPITASHQR	AGAP001633-PA	-	55	4.07E-05	1	2449.235	1.18	Malpighian tubule	2R:-:7160406-7160338	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_105873	NPYDEPWKPGTPEIVDFDDK	AGAP001633-PA	-	96	3.17E-09	1	2362.090	1.06	Pupa	2R:-:7170918-7170859	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_106070	RPNSDGGAAITGYFIEK	AGAP001633-PA	-	85	4.46E-08	1	1795.901	1.88	Pupa	2R:-:7169848-7169798	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_106122	FPEADVTGLQEGK	AGAP001633-PA	-	86	4.67E-08	2	1390.685	0.1	Male reproductive organs	2R:-:7168083-7168045	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_106275	WTPPMTDGGSPITK	AGAP001633-PA	M5(Oxidation)	52	9.59E-05	2	1503.715	0.25	Visceras	2R:-:7167000-7166959	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_106332	YPVPNIEYTDTGVIK	AGAP001633-PA	-	87	2.45E-08	1	1708.885	3.17	Visceras	2R:-:7161360-7161316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_106403	GPTSTSRPEGK	AGAP001633-PA	-	61	1.24E-05	2	1116.563	-1.47	Head	2R:-:7153540-7153508	exon=> In CDS Exon 23 of transcript AGAP001633-PA
JHU_Ag_106434	AANQYGEDVKEFEVIVVDRPQPPK	AGAP001633-PA	-	164	4.39E-16	1	2728.399	1.65	Visceras	2R:-:7160982-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_106446	ERHTVLTIR	AGAP001633-PA	-	25	0.009211 08	1	1124.655	1.41	Head	2R:-:7156329-7156303	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_106461	DLSISAGSMLK	AGAP001633-PA	M9(Oxidation)	76	3.60E-07	1	1137.582	0.12	Visceras	2R:-:7165629-7165597	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_106562	VPDLFEGTTYQFR	AGAP001633-PA	-	97	3.13E-09	1	1572.773	2.25	Pupa	2R:-:7167765-7167727	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_106598	AETSCVVIVEDHR	AGAP001633-PA	C5(Carbamidomethyl)	86	3.45E-08	2	1514.728	1.06	Male reproductive organs	2R:-:7154166-7154128	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_106603	VAAQNEIGVSEFSK	AGAP001633-PA	-	114	6.23E-11	1	1478.749	0.22	Head	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_106801	VVEVPFTTGESR	AGAP001633-PA	-	77	3.88E-07	1	1320.679	-0.54	Visceras	2R:-:7173913-7174245,7172331-7173727	exon=> In CDS Exon 14 and 13 of transcript AGAP001633-PA
JHU_Ag_106892	DTAFFDNGENIEIK	AGAP001633-PA	-	66	3.54E-06	1	1612.748	-0.42	Visceras	2R:-:7156464-7156423	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_106924	AFNKEGDSEPLEMETVIIAK	AGAP001633-PA	M13(Oxidation)	41	0.001267 144	1	2237.102	0.42	Male reproductive organs	2R:-:7168914-7168855	exon=> In CDS Exon 18 of transcript AGAP001633-PA

JHU_Ag_106997	GTWVYAGDSGSAR	AGAP001633-PA	-	67	1.93E-06	2	1326.605	-1.57	Midgut	2R:-:7164354-7164316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_107117	SQQLFVK	AGAP001633-PA	-	36	0.002571734	2	849.482	-1.45	Visceras	2R:-:7174556-7174536	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_107275	LNQLYDFR	AGAP001633-PA	-	42	0.000570169	2	1068.552	4.33	Ovary	2R:-:7159542-7159519	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_107413	DTVTMACELDHVLGK	AGAP001633-PA	M5(Oxidation), C7(Carbamidomethyl)	51	8.42E-05	2	1704.795	0.81	Male reproductive organs	2R:-:7174535-7174491	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_107459	AGLTFEFDVPVSGEPVPAK	AGAP001633-PA	-	59	1.59E-05	2	1960.012	2.96	Larva	2R:-:7163835-7163779	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_107966	DGSQLDSGTYTITIENELGQDTADIK	AGAP001633-PA	-	60	1.37E-05	2	2784.314	2.74	Pupa	2R:-:7156302-7156225	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108041	AENIYGASEPTESKPISPK	AGAP001633-PA	-	69	2.00E-06	1	2018.037	14.69	Ovary	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108140	DLQIPDLATETEYEFR	AGAP001633-PA	-	37	0.003110997	1	1939.936	4	Larva	2R:-:7162236-7162189	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108195	IVESDKVQIVK	AGAP001633-PA	-	67	8.99E-07	1	1257.745	3.04	Larva	2R:-:7174463-7174431	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_108238	DIVFEKPPATKPIIDAK	AGAP001633-PA	-	60	2.76E-06	1	1882.070	0.61	Male reproductive organs	2R:-:7178796-7178746	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_108396	SVELTCEAHGKPEPTCR	AGAP001633-PA	C6(Carbamidomethyl), C16(Carbamidomethyl)	121	8.76E-12	1	1970.907	0.51	Male reproductive organs	2R:-:7157895-7157845	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108516	NPFDEPGKPGTPEAYDWDKNFVELR	AGAP001633-PA	-	147	2.95E-14	1	2921.392	6.11	Head	2R:-:7167075-7167001	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_108591	VETTEDTITITWTKPASNGGSPVTHYIVEK	AGAP001633-PA	-	161	7.09E-16	1	3274.652	1.35	Visceras	2R:-:7159413-7159324	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108650	NDYEEPSQPPKPEVR	AGAP001633-PA	N1(Deamidated)	83	6.79E-08	1	1784.846	0.33	Visceras	2R:-:7162425-7162381	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108711	LSSSDVIDIK	AGAP001633-PA	-	51	0.000107377	1	1076.584	0.9	Visceras	2R:-:7153760-7153731	exon=> In CDS Exon 22 of transcript AGAP001633-PA
JHU_Ag_108772	SKPAAPEGPLEVK	AGAP001633-PA	-	45	0.000205703	1	1322.731	-0.21	Male reproductive organs	2R:-:7166415-7166696,7166042-7166310	exon=> In CDS Exon 20 and 19 of transcript AGAP001633-PA
JHU_Ag_108787	LAWLPPEDDGGEPIQAYIVER	AGAP001633-PA	-	49	0.000193436	2	2368.180	-0.99	Midgut	2R:-:7168191-7168129	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_108815	IQISDRPDKPR	AGAP001633-PA	-	42	0.000423164	1	1324.733	-0.03	Male reproductive organs	2R:-:7156224-7156192	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108884	SDGGATITEYIVQK	AGAP001633-PA	-	58	2.72E-05	1	1481.748	-0.37	Midgut	2R:-:7162335-7162294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108910	ESQLIIK	AGAP001633-PA	-	43	0.000876705	1	830.499	0.95	Midgut	2R:-:7157217-7157197	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_108960	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	115	5.18E-11	1	1920.981	-0.14	Midgut	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_109012	VRAENIYGASEPTESKPISPK	AGAP001633-PA	-	77	2.30E-07	1	2273.181	1.68	Larva	2R:-:7160706-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109061	NGAVIPESQR	AGAP001633-PA	N1(Deamidated)	50	0.000103579	2	1070.560	0.51	Pupa	2R:-:7162881-7162852	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109227	WIQANKYPVPNIEYTDTGVIK	AGAP001633-PA	-	70	6.43E-07	1	2449.282	2.52	Visceras	2R:-:7161378-7161316	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109296	GPYDLPSAPGVPIIHEVGGDFVNLEWEKPVSDGGAR	AGAP001633-PA	-	126	2.68E-12	1	3774.888	3.16	Visceras	2R:-:7157097-7156990	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109317	FRDTAFFDNGENIEIK	AGAP001633-PA	-	91	1.22E-08	2	1915.915	-2	Visceras	2R:-:7156470-7156423	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109417	LIDFGLATK	AGAP001633-PA	-	39	0.001003754	1	977.566	-1.01	Head	2R:-:7155333-7155307	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_109453	EGDSEPLEMETVIIAK	AGAP001633-PA	M9(Oxidation)	102	9.90E-10	1	1760.865	1.73	Head	2R:-:7168902-7168855	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_109454	ISGEPAPDVDWTINDR	AGAP001633-PA	-	140	1.33E-13	1	1784.846	0.73	Visceras	2R:-:7166619-7166572	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_109497	VSAVNENGIGPALEGVDPIK	AGAP001633-PA	-	42	0.0006403	2	1979.043	-0.69	Malpighian tubule	2R:-:7157163-7157104	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109589	FNCNDLVSGR	AGAP001633-PA	C3(Carbamidomethyl)	47	0.000218331	2	1181.537	-0.14	Male reproductive organs	2R:-:7173348-7173319	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_109597	NAPIFVEKPHIVSLDNGK	AGAP001633-PA	-	58	7.16E-06	1	1978.080	2.03	Head	2R:-:7179455-7179402	exon=> In CDS Exon 6 of transcript AGAP001633-PA
JHU_Ag_109655	VTELNEGEVYEFK	AGAP001633-PA	-	98	2.05E-09	1	1556.749	0.88	Visceras	2R:-:7166877-7166839	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_109677	ISGYIIER	AGAP001633-PA	-	55	2.52E-05	2	950.531	0.04	Midgut	2R:-:7161423-7161400	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109759	VSAINAEGESKPLEMAGDFIAK	AGAP001633-PA	M15(Oxidation)	136	3.40E-13	1	2293.152	6.14	Ovary	2R:-:7165152-7165087	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109770	VSAVNDEGVSEPLATDTYITAK	AGAP001633-PA	-	86	4.25E-08	2	2280.136	5.27	Malpighian tubule	2R:-:7167141-7167076	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_109777	DGGAPITSYIVEK	AGAP001633-PA	-	56	3.39E-05	2	1349.700	3.68	Pupa	2R:-:7163217-7163179	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109784	IELSINDTEAIFK	AGAP001633-PA	-	76	2.90E-07	2	1492.794	3.06	Head	2R:-:7158993-7158955	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109787	EFEVIVVDRPQPPK	AGAP001633-PA	-	70	6.08E-07	1	1652.904	2.19	Midgut	2R:-:7160952-7160911	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109792	VPDLIEGTAYQFR	AGAP001633-PA	-	100	1.48E-09	1	1508.781	4.55	Larva	2R:-:7163997-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109858	FNQLIIPHLSPGHQYEFR	AGAP001633-PA	-	85	3.55E-08	1	2196.137	1.07	Head	2R:-:7156044-7155991	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109952	VYAVNNYGVSPPSAETR	AGAP001633-PA	-	112	1.17E-10	1	1823.895	1.24	Head	2R:-:7158030-7157980	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_109998	RADSGVYTLTAK	AGAP001633-PA	-	62	7.71E-06	1	1281.680	-0.04	Male reproductive organs	2R:-:7163682-7163647	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_110089	VIAVNAAGESEPSDATDAVLTR	AGAP001633-PA	-	171	1.02E-16	1	2186.088	-2.39	Head	2R:-:7162188-7162123	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_110153	NDYEEPSQPPKPEVR	AGAP001633-PA	-	78	2.44E-07	1	1784.852	3.75	Midgut	2R:-:7162425-7162381	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_110312	DVIAADGEPLQLNCHVNGDPLPQIVWTK	AGAP001633-PA	C14(Carbamidomethyl), N17(Deamidated),C14(Carbamidomethyl),"N13(Deamidated), C14(Carbamidomethyl)"	121	9.23E-12	1	3099.555	-0.7	Visceras	2R:-:7153856-7153773	exon=> In CDS Exon 22 of transcript AGAP001633-PA
JHU_Ag_110327	SGQLLNVEADVTGEPAPK	AGAP001633-PA	-	82	6.10E-08	1	1824.944	5.49	Larva	2R:-:7168494-7168441	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_110362	AVNKQGESTPLVTSQPITAK	AGAP001633-PA	-	39	0.000765376	1	2069.123	-0.26	Pupa	2R:-:7163370-7163311	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_110432	HGDSTAVINLNFDSSSK	AGAP001633-PA	-	101	1.19E-09	2	1791.852	0.42	Head	2R:-:7181522-7181472	exon=> In CDS Exon 4 of transcript AGAP001633-PA
JHU_Ag_110446	DDSGMYTLIVK	AGAP001633-PA	M5(Oxidation)	36	0.003289889	2	1257.605	1.08	Pupa	2R:-:7162794-7162762	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_110462	AGEGDPSRPTESHIAR	AGAP001633-PA	-	60	1.73E-05	1	1679.806	-2.47	Larva	2R:-:7163940-7163893	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_110546	DTVTMACELDHVLGK	AGAP001633-PA	C7(Carbamidomethyl)	39	0.001542242	1	1688.798	-0.28	Visceras	2R:-:7174535-7174491	exon=> In CDS Exon 12 of transcript AGAP001633-PA

JHU_Ag_110547	DLTHGGGWVPAVAYVSPK	AGAP001633-PA	-	94	4.52E-09	1	1853.955	0.11	Male reproductive organs	2R:-:7161705-7161652	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_110993	WNPPLDDGGVPIEYYNVEK	AGAP001633-PA	-	77	3.20E-07	2	2205.050	-0.16	Head	2R:-:7167297-7167241	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_111011	AVNEAGPGIWSDHSKPITCKPR	AGAP001633-PA	C19(Carbamidomethyl)	42	0.001004299	1	2420.218	1.53	Male reproductive organs	2R:-:7166832-7166767	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_111069	LQNYDYSTK	AGAP001633-PA	-	51	8.60E-05	1	1131.530	-1.21	Pupa	2R:-:7164624-7164598	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_111200	AENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	105	3.90E-10	1	2213.145	0.17	Pupa	2R:-:7158627-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_111396	VLELTKDEEYEFR	AGAP001633-PA	-	72	1.08E-06	1	1670.828	0.47	Midgut	2R:-:7163112-7163074	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_111425	NLSVAIGEPFGFDVK	AGAP001633-PA	-	106	3.54E-10	1	1592.834	1.06	Head	2R:-:7166664-7166620	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_111501	NDKGQATSQVIEIK	AGAP001633-PA	-	131	9.66E-13	1	1530.813	0.49	Visceras	2R:-:7178838-7178797	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_111550	WVDANAPTELIADQAYR	AGAP001633-PA	-	72	1.11E-06	2	1932.947	0.89	Pupa	2R:-:7160193-7160143	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_111568	DTATVQVTVLDVPSPPGGPLK	AGAP001633-PA	-	67	1.24E-06	2	2091.137	1.76	Head	2R:-:7164525-7164463	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_111608	SVETNADINGLQDGK	AGAP001633-PA	-	94	5.34E-09	1	1560.751	0.68	Visceras	2R:-:7165212-7165168	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_111912	GLTVGETFEFR	AGAP001633-PA	-	35	0.003605039	2	1255.630	-1.09	Head	2R:-:7173033-7173001	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_111929	SFVDLSWTPPASDGGSR	AGAP001633-PA	-	62	9.14E-06	2	1778.834	-0.33	Midgut	2R:-:7158210-7158160	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_111990	NALKDLVVPVGK	AGAP001633-PA	-	91	1.10E-09	1	1252.762	-0.23	Male reproductive organs	2R:-:7162977-7162942	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_112335	VAAQNEIGVSEFSK	AGAP001633-PA	-	52	0.000110487	2	1478.749	0.39	Ovary	2R:-:7156860-7156819	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_112371	ATLEVDNVTFEDSGK	AGAP001633-PA	-	115	4.49E-11	2	1624.775	2.8	Pupa	2R:-:7183079-7183035	exon=> In CDS Exon 3 of transcript AGAP001633-PA
JHU_Ag_112403	NECGEYSASANVTVLDKPAPPEGPLR	AGAP001633-PA	C3(Carbamidomethyl)	102	1.00E-09	1	2771.338	2.62	Head	2R:-:7162761-7162684	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_112414	VQTRPVVGYYVEK	AGAP001633-PA	-	67	1.31E-06	1	1537.837	-0.18	Male reproductive organs	2R:-:7160556-7160518	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_112541	NPFDEPGKPGTPEAYDWDK	AGAP001633-PA	-	52	6.24E-05	1	2162.965	-0.84	Visceras	2R:-:7167075-7167019	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_112781	ISGYIIER	AGAP001633-PA	-	54	3.05E-05	2	950.532	1.96	Visceras	2R:-:7161423-7161400	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_112798	NFVELR	AGAP001633-PA	-	33	0.006822497	2	777.423	-2.9	Head	2R:-:7167018-7167001	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_112834	KAELK	AGAP001633-PA	-	35	0.006216024	1	588.369	-3.82	Head	2R:-:7178178-7178164	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_112913	DFVELEWAAPK	AGAP001633-PA	-	82	1.19E-07	2	1304.651	-0.79	Midgut	2R:-:7168797-7168765	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_113049	SVETNADINGLQDGKK	AGAP001633-PA	-	107	3.43E-10	2	1688.847	1.43	Head	2R:-:7165212-7165165	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_113071	VLVLDVPTQPIGPIK	AGAP001633-PA	-	67	9.10E-08	1	1588.969	1.3	Visceras	2R:-:7172649-7172605	exon=> In CDS Exon 14 of transcript AGAP001633-PA
JHU_Ag_113467	EKPILGDDNYEIINK	AGAP001633-PA	-	62	8.18E-06	2	1760.908	0.88	Male reproductive organs	2R:-:7170388-7170344	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_113706	ELATDADYKIDNVDYNTK	AGAP001633-PA	-	148	2.71E-14	1	2087.975	-0.7	Male reproductive organs	2R:-:7169301-7169248	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_113722	WPEPDDGGSPITGYIIEK	AGAP001633-PA	-	93	1.03E-08	1	1973.953	1.89	Head	2R:-:7165896-7165843	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_113736	ISGEPAPDVDWTINDR	AGAP001633-PA	-	114	5.98E-11	2	1784.849	1.96	Head	2R:-:7166619-7166572	exon=> In CDS Exon 19 of transcript AGAP001633-PA
JHU_Ag_113786	EKPILGDDNYEIINKDYNTK	AGAP001633-PA	-	78	2.28E-07	1	2382.183	0.27	Male reproductive organs	2R:-:7170388-7170329	exon=> In CDS Exon 17 of transcript AGAP001633-PA
JHU_Ag_113848	NGIDIANVNVTILDVPAPPEGPIR	AGAP001633-PA	-	58	6.24E-06	2	2484.360	5.78	Visceras	2R:-:7163640-7163569	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_113893	GTVEDVEEGHEYEFR	AGAP001633-PA	-	131	6.21E-13	1	1795.781	2.04	Head	2R:-:7168662-7168618	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_114185	SVTISWKPPLDNGGSELTGYVVEK	AGAP001633-PA	-	65	2.12E-06	1	2576.357	12.49	Head	2R:-:7161780-7161709	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_114247	TDGPITEFPVEGLVPGHR	AGAP001633-PA	-	96	3.74E-09	1	1920.991	5.01	Ovary	2R:-:7166183-7166130	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_114427	GTWTNAGMSTSLVNEISR	AGAP001633-PA	M8(Oxidation)	104	6.61E-10	1	1939.912	-3.22	Male reproductive organs	2R:-:7162575-7162522	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_114448	NDRIELSINDTEAIFK	AGAP001633-PA	-	89	1.90E-08	1	1877.964	1.95	Visceras	2R:-:7159002-7158955	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_114462	ETELKVEEQK	AGAP001633-PA	-	63	8.34E-06	1	1232.636	-1.03	Visceras	2R:-:7178262-7178233	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_114541	IIVPYTATPKPDAIWMVNGNEVSR	AGAP001633-PA	M16(Oxidation)	43	0.000454178	1	2687.396	3.52	Visceras	2R:-:7159074-7159003	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_114633	HPFDPPSQPGTPSR	AGAP001633-PA	-	49	0.000225003	2	1519.730	0.43	Visceras	2R:-:7159455-7159414	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_114760	SQQLFVK	AGAP001633-PA	-	40	0.000905742	2	849.482	-1.24	Pupa	2R:-:7174556-7174536	exon=> In CDS Exon 12 of transcript AGAP001633-PA
JHU_Ag_114774	FDPDNGIWMNAGK	AGAP001633-PA	M9(Oxidation)	41	0.000679959	2	1480.653	0.5	Male reproductive organs	2R:-:7166222-7166184	exon=> In CDS Exon 20 of transcript AGAP001633-PA
JHU_Ag_114796	DLTHGGGWVPAVAYVSPK	AGAP001633-PA	-	43	0.000695295	2	1853.961	3.48	Larva	2R:-:7161705-7161652	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_114876	VIGVNAEGDGEPLESDEVVAK	AGAP001633-PA	-	97	3.18E-09	1	2127.053	3.74	Larva	2R:-:7170981-7170919	exon=> In CDS Exon 16 of transcript AGAP001633-PA
JHU_Ag_114960	VRAENIYGASEPTESKPISPK	AGAP001633-PA	-	91	9.84E-09	1	2273.180	1.04	Head	2R:-:7160706-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115113	FRDTAFFDNGENIEIK	AGAP001633-PA	N9(Deamidated),N12(Deamidated)	36	0.0037995	1	1916.906	1.81	Pupa	2R:-:7156470-7156423	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115192	SDGGATITEYIVQK	AGAP001633-PA	-	97	2.83E-09	1	1481.753	3.09	Head	2R:-:7162335-7162294	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115200	AENQYGVSDPLILEEPIVAR	AGAP001633-PA	-	118	1.75E-11	1	2213.153	3.81	Head	2R:-:7158627-7158568	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115404	GLEAPSIEIIR	AGAP001633-PA	-	65	1.99E-06	2	1197.684	0.15	Male reproductive organs	2R:-:7177823-7177791	exon=> In CDS Exon 8 of transcript AGAP001633-PA
JHU_Ag_115548	NDRIELSINDTEAIFK	AGAP001633-PA	-	33	0.009025763	1	1877.961	0.29	Head	2R:-:7159002-7158955	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115594	VIAVNAAGESEPSDATDAVLTR	AGAP001633-PA	-	115	3.92E-11	1	2186.092	-0.71	Midgut	2R:-:7162188-7162123	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115604	TNLVEVR	AGAP001633-PA	-	48	0.00037795	2	830.473	-0.23	Visceras	2R:-:7164756-7164736	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115612	TASIECSVASR	AGAP001633-PA	C6(Carbamidomethyl)	83	7.02E-08	2	1180.561	-1.18	Visceras	2R:-:7179033-7179001	exon=> In CDS Exon 7 of transcript AGAP001633-PA
JHU_Ag_115705	FLTDWTECAK	AGAP001633-PA	C8(Carbamidomethyl)	55	3.22E-05	1	1270.578	0.2	Male reproductive organs	2R:-:7171993-7171964	exon=> In CDS Exon 15 of transcript AGAP001633-PA
JHU_Ag_115778	AVEVPEGDVTSVKVPDLIEGTAYQFR	AGAP001633-PA	-	139	1.30E-13	1	2819.454	2.78	Visceras	2R:-:7164036-7163959	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115805	GDSGDYEITATNSSGR	AGAP001633-PA	-	99	7.58E-10	2	1629.699	-0.06	Pupa	2R:-:7165455-7165408	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115808	LAWQPPVSDGGSPITGYVVEVK	AGAP001633-PA	-	66	2.63E-06	1	2299.199	0.78	Midgut	2R:-:7165017-7164952	exon=> In CDS Exon 21 of transcript AGAP001633-PA

JHU_Ag_115814	AENIYGASEPTESKPISPK	AGAP001633-PA	-	93	8.02E-09	1	2018.004	-1.71	Pupa	2R:-:7160700-7160644	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_115985	LAWLPPEDDGGEPIQAYIVER	AGAP001633-PA	-	76	3.46E-07	2	2368.183	0.35	Visceras	2R:-:7168191-7168129	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_116063	VSAVNQAGQGNPSDSSVK	AGAP001633-PA	-	56	3.64E-05	2	1744.850	2.17	Malpighian tubule	2R:-:7161294-7161241	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_116235	VLELTKDEEYEFR	AGAP001633-PA	-	35	0.004881101	2	1670.836	5.29	Larva	2R:-:7163112-7163074	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_116316	REVPLSTWIR	AGAP001633-PA	-	50	9.57E-05	1	1256.711	0.15	Head	2R:-:7156089-7156060	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_116358	IQGYWIEKR	AGAP001633-PA	-	34	0.004714034	1	1192.648	0.33	Visceras	2R:-:7156989-7156963	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_116414	VSAVNQAGQGNPSDSSVK	AGAP001633-PA	-	77	2.97E-07	2	1744.848	1.19	Larva	2R:-:7161294-7161241	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_116531	VVFEATFTKPNSK	AGAP001633-PA	-	100	1.02E-09	1	1467.783	-0.86	Pupa	2R:-:7175148-7175110	exon=> In CDS Exon 11 of transcript AGAP001633-PA
JHU_Ag_116956	EVYNNEVSLEIPFSVR	AGAP001633-PA	-	98	2.34E-09	2	1894.961	3.12	Head	2R:-:7162842-7162795	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_116960	LSEYSALR	AGAP001633-PA	-	63	5.18E-06	2	938.494	-0.6	Visceras	2R:-:7154865-7154842	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_117022	VSAVNQAGQGNPSDSSVK	AGAP001633-PA	-	138	2.27E-13	1	1744.849	1.68	Visceras	2R:-:7161294-7161241	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_117068	NPYDAPSAPGKPKPTDWSR	AGAP001633-PA	-	91	1.24E-08	1	2084.018	-0.94	Pupa	2R:-:7167963-7167907	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_117112	SEPSDQTELISLK	AGAP001633-PA	-	60	1.88E-05	2	1446.733	0.29	Male reproductive organs	2R:-:7155963-7155925	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_117129	LNISSVTR	AGAP001633-PA	-	48	0.000119039	2	889.514	4.38	Male reproductive organs	2R:-:7167468-7167445	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_117223	VQTRPVVGYYVEKR	AGAP001633-PA	-	72	2.57E-07	1	1693.938	-0.19	Head	2R:-:7160556-7160515	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_117307	AGVSDPSEPSEPVVCK	AGAP001633-PA	C15(Carbamidomethyl)	48	0.000208146	1	1657.781	4.56	Malpighian tubule	2R:-:7163055-7163008	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_117426	DVLDTDKGVYLVNFK	AGAP001633-PA	-	134	4.84E-13	1	1725.909	1.96	Pupa	2R:-:7157481-7157437	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_117450	VAAVNAAGTSPFSNPSDPIMVSAAFTAPK	AGAP001633-PA	M20(Oxidation)	74	5.72E-07	1	2834.408	1.8	Visceras	2R:-:7159218-7159132	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_117541	GITELVDGGR	AGAP001633-PA	-	57	2.95E-05	1	1016.536	-1.33	Head	2R:-:7175712-7175683	exon=> In CDS Exon 10 of transcript AGAP001633-PA
JHU_Ag_117654	AHGGIYEIK	AGAP001633-PA	-	65	5.91E-06	1	987.522	-3.5	Head	2R:-:7167444-7167418	exon=> In CDS Exon 18 of transcript AGAP001633-PA
JHU_Ag_117834	DQFVVPGPPTKPDIIDSGYEQITLSWKPPISDGGSR	AGAP001633-PA	-	91	6.35E-09	1	3896.979	2.17	Head	2R:-:7161531-7161424	exon=> In CDS Exon 21 of transcript AGAP001633-PA
JHU_Ag_42343	SAASPIKGVLK	AGAP001636-PA	-	34	0.001854439	1	1070.670	12.34	Ovary	2R:-:7218387-7218355	exon=> In CDS Exon 5 of transcript AGAP001636-PA
JHU_Ag_17819	YDEATELCVAK	AGAP001638-PB,AGAP001638-PA	C8(Carbamidomethyl)	41	0.000780284	1	1298.592	-1.06	Midgut	2R:-:7236498-7236466;2R:-:7236498-7236466	exon=> In CDS Exon 4 of transcript AGAP001638-PB;exon=> In CDS Exon 4 of transcript AGAP001638-PA
JHU_Ag_15713	AEPFFTPLLSVVVR	AGAP001640-PA	-	38	0.000899098	1	1574.897	1.5	Ovary	2R:-:7256119-7256078	exon=> In CDS Exon 2 of transcript AGAP001640-PA
JHU_Ag_6474	GICLNAVFTK	AGAP001643-PA	C3(Carbamidomethyl)	34	0.004440261	2	1122.597	-0.49	Ovary	2R:+:7257777-7257806	exon=> In CDS Exon 3 of transcript AGAP001643-PA
JHU_Ag_110598	IAITQELDSLR	AGAP001643-PA	-	91	1.10E-08	1	1258.703	1.88	Ovary	2R:+:7260029-7260061	exon=> In CDS Exon 6 of transcript AGAP001643-PA
JHU_Ag_24420	TRGEIDLEEAK	AGAP001644-PB	-	61	1.54E-05	2	1260.641	-1.92	Head	2R:-:7265211-7265179	exon=> In CDS Exon 2 of transcript AGAP001644-PB

JHU_Ag_9542	SVDEIPVSTQILSQK	AGAP001644-PB,AGAP001644-PA	-	60	1.06E-05	1	1643.889	2.49	Head	2R:-:7263056-7263251,7262808-7262919;2R:-:7263056-7263251,7262808-7262919	exon=> In CDS Exon 5 and 4 of transcript AGAP001644-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP001644-PA
JHU_Ag_29631	ELDLPLAEIADPNAR	AGAP001644-PB,AGAP001644-PA	-	73	6.31E-07	1	1636.859	2.84	Male reproductive organs	2R:-:7264897-7264853;2R:-:7264897-7264853	exon=> In CDS Exon 3 of transcript AGAP001644-PB;exon=> In CDS Exon 2 of transcript AGAP001644-PA
JHU_Ag_91955	ELDLPLAEIADPNAR	AGAP001644-PB,AGAP001644-PA	-	75	3.79E-07	1	1636.856	1.27	Head	2R:-:7264897-7264853;2R:-:7264897-7264853	exon=> In CDS Exon 3 of transcript AGAP001644-PB;exon=> In CDS Exon 2 of transcript AGAP001644-PA
JHU_Ag_32094	FGSIGVIK	AGAP001645-PA	-	58	7.66E-06	2	820.493	-0.27	Ovary	2R:+:7270381-7270404	exon=> In CDS Exon 5 of transcript AGAP001645-PA
JHU_Ag_35934	EFNGAIVK	AGAP001645-PA	-	53	5.72E-05	2	877.476	-2.03	Ovary	2R:+:7270639-7270662	exon=> In CDS Exon 6 of transcript AGAP001645-PA
JHU_Ag_45533	FGSIGVIK	AGAP001645-PA	-	42	0.000254 97	2	820.494	1	Salivary gland	2R:+:7270381-7270404	exon=> In CDS Exon 5 of transcript AGAP001645-PA
JHU_Ag_56785	FGSIGVIKR	AGAP001645-PA	-	51	2.25E-05	1	976.595	0.98	Ovary	2R:+:7270381-7270404,7270504-7270506	exon=> In CDS Exon 5 and 6 of transcript AGAP001645-PA
JHU_Ag_60737	GEATVTYDDASAAQSAIGWFDNKEFNGAIVK	AGAP001645-PA	-	83	6.49E-08	1	3275.567	5.56	Ovary	2R:+:7270570-7270662	exon=> In CDS Exon 6 of transcript AGAP001645-PA
JHU_Ag_70886	GGGGGGGGFGGGNR	AGAP001645-PA	-	51	7.57E-05	2	1063.469	1.95	Malpighian tubule	2R:+:7270729-7270770	exon=> In CDS Exon 6 of transcript AGAP001645-PA
JHU_Ag_72109	GGGGGGGGFGGGNR	AGAP001645-PA	-	72	4.04E-07	1	1063.464	-2.18	Ovary	2R:+:7270729-7270770	exon=> In CDS Exon 6 of transcript AGAP001645-PA
JHU_Ag_77122	GGGFGGGSGGQDR	AGAP001645-PA	-	40	0.000796 779	1	1108.478	1.02	Ovary	2R:+:7270897-7270935	exon=> In CDS Exon 6 of transcript AGAP001645-PA
JHU_Ag_78813	NECNRCK	AGAP001645-PA	N1(Deamidated), C3(Carbamidomethyl), N4(Deamidated), C6(Carbamidomethyl)	18	0.006209 548	1	982.360	-12.28	Larva	2R:+:7270987-7271007	exon=> In CDS Exon 6 of transcript AGAP001645-PA
JHU_Ag_95824	AEGEMITQEDTIFIQGMTPETTEEEIAER	AGAP001645-PA	M5(Oxidation), M17(Oxidation)	154	3.66E-15	1	3330.489	0.33	Ovary	2R:+:7268774-7268774,7270295-7270380	exon=> In CDS Exon 4 and 5 of transcript AGAP001645-PA
JHU_Ag_96157	FGSIGVIK	AGAP001645-PA	-	40	0.000412 562	2	820.493	-0.05	Malpighian tubule	2R:+:7270381-7270404	exon=> In CDS Exon 5 of transcript AGAP001645-PA
JHU_Ag_100109	GEATVTYDDASAAQSAIGWFDNK	AGAP001645-PA	-	34	0.004315 15	2	2417.095	2.37	Head	2R:+:7270570-7270638	exon=> In CDS Exon 6 of transcript AGAP001645-PA
JHU_Ag_1401	TNNDWTGASR	AGAP001649-PA	-	49	0.000112 331	2	1121.496	-1.26	Midgut	2R:+:7282264-7282293	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_5677	AYYSPTQGIAYR	AGAP001649-PA	-	67	3.57E-06	2	1389.679	-0.81	Midgut	2R:+:7282015-7282050	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_7739	WVGENLGPALR	AGAP001649-PA	-	70	8.06E-07	2	1211.653	-0.37	Male reproductive organs	2R:+:7282474-7282506	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_25810	LRPEYYQTWADYHVR	AGAP001649-PA	-	76	3.88E-07	1	1996.966	-0.06	Midgut	2R:+:7282294-7282338	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_30538	YTFPLWFK	AGAP001649-PA	-	51	8.82E-05	2	1101.573	-3.64	Male reproductive organs	2R:+:7282555-7282578	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_31114	LIGAAWSPPPWMK	AGAP001649-PA	M12(Oxidation)	74	4.60E-07	1	1469.761	-0.02	Male reproductive organs	2R:+:7282225-7282263	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_38457	VEGFGGAFTGAVSHNLGR	AGAP001649-PA	-	66	4.64E-06	1	1775.886	1.81	Pupa	2R:+:7281928-7281981	exon=> In CDS Exon 2 of transcript AGAP001649-PA

JHU_Ag_53820	SVHTMLYL	AGAP001649-PA	M5(Oxidation)	52	0.000105465	1	979.495	2.93	Male reproductive organs	2R:+:7283227-7283250	exon=> In CDS Exon 3 of transcript AGAP001649-PA
JHU_Ag_55622	LEVQSSSGDVQVIAFERPDKR	AGAP001649-PA	-	60	1.36E-05	1	2360.218	-1.12	Midgut	2R:+:7283005-7283067	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_56830	QPIFYGLGHFSR	AGAP001649-PA	-	41	0.0010611	3	1421.732	-0.54	Male reproductive organs	2R:+:7282945-7282980	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_57134	VEGFGGAFTGAVSHNLGR	AGAP001649-PA	-	150	1.70E-14	1	1775.882	0.02	Male reproductive organs	2R:+:7281928-7281981	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_63500	AYYSPTQGIAYR	AGAP001649-PA	-	74	5.89E-07	1	1389.683	2.53	Male reproductive organs	2R:+:7282015-7282050	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_65881	LIGAAWSPPPWMK	AGAP001649-PA	M12(Oxidation)	43	0.000539736	1	1469.762	0.73	Midgut	2R:+:7282225-7282263	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_67097	LRPEYYQTWADYHVR	AGAP001649-PA	-	74	6.23E-07	1	1996.965	-0.52	Male reproductive organs	2R:+:7282294-7282338	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_68584	AYYSPTQGIAYR	AGAP001649-PA	-	79	2.15E-07	2	1389.680	0.24	Pupa	2R:+:7282015-7282050	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_75023	YPDKWIFNTEASLGDKPLQQHRPILGSWER	AGAP001649-PA	-	73	3.57E-07	1	3581.835	1.64	Male reproductive organs	2R:+:7282690-7282779	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_75931	LEVQSSSGDVQVIAFERPDKR	AGAP001649-PA	-	124	4.47E-12	1	2360.220	-0.09	Male reproductive organs	2R:+:7283005-7283067	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_83765	WVGENLGPALR	AGAP001649-PA	-	50	7.26E-05	2	1211.653	-0.06	Pupa	2R:+:7282474-7282506	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_116576	LRPEYYQTWADYHVR	AGAP001649-PA	-	51	0.000131717	1	1996.969	1.04	Pupa	2R:+:7282294-7282338	exon=> In CDS Exon 2 of transcript AGAP001649-PA
JHU_Ag_2379	ISLLCLMEMTFK	AGAP001651-PA	C5(Carbamidomethyl), M9(Oxidation)	36	0.00330246	2	1501.741	-3.9	Midgut	2R:-:7309438-7309403	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_2650	GAIDEVAGVVNMTWVQPR	AGAP001651-PA	-	72	9.37E-07	1	1941.994	4.3	Malpighian tubule	2R:-:7309288-7309235	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_4883	LVGQHSDYYR	AGAP001651-PA	-	52	9.78E-05	1	1237.596	-0.13	Midgut	2R:-:7309819-7309790	exon=> In CDS Exon 4 of transcript AGAP001651-PA
JHU_Ag_5758	AFNSGDIVK	AGAP001651-PA	-	44	0.000612144	1	950.496	1.97	Larva	2R:-:7309537-7309511	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_8243	LVGQHSDYYR	AGAP001651-PA	-	41	0.001110324	1	1237.594	-1.8	Ovary	2R:-:7309819-7309790	exon=> In CDS Exon 4 of transcript AGAP001651-PA
JHU_Ag_8565	LVGQHSDYYR	AGAP001651-PA	-	39	0.001764307	1	1237.597	1.06	Salivary gland	2R:-:7309819-7309790	exon=> In CDS Exon 4 of transcript AGAP001651-PA
JHU_Ag_8790	SNVNVASYLAEQKK	AGAP001651-PA	N-Term(Acetyl)	93	5.94E-09	1	1592.833	2.92	Pupa	2R:-:7310592-7310551	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_8813	HPALQNEEALLALYHNFIASFETK	AGAP001651-PA	-	160	1.09E-15	1	2756.408	1.19	Ovary	2R:-:7310318-7310361,7309893-7310177	exon=> In CDS Exon 3 and 2 of transcript AGAP001651-PA
JHU_Ag_8849	SNVNVASYLAEQK	AGAP001651-PA	N-Term(Acetyl)	81	1.24E-07	2	1464.734	0.42	Midgut	2R:-:7310592-7310554	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_11870	ALAQGLVK	AGAP001651-PA	-	46	0.000190242	2	799.503	-0.63	Midgut	2R:-:7309312-7309289	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_13971	VLQGQIHLEHLNQLDETKK	AGAP001651-PA	-	51	4.86E-05	1	2243.219	2.09	Salivary gland	2R:-:7310041-7309985	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_16628	IIEDLKDILEEAGNVTPVHGK	AGAP001651-PA	-	115	1.56E-11	1	2290.235	2.61	Malpighian tubule	2R:-:7309984-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_20121	VLQGQIHLEHLNQLDETK	AGAP001651-PA	-	41	0.000676096	1	2115.127	3.46	Larva	2R:-:7310041-7309988	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_20314	SNVNVASYLAEQK	AGAP001651-PA	N-Term(Acetyl)	82	9.19E-08	2	1464.733	0.17	Ovary	2R:-:7310592-7310554	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_22133	AFNSGDIVK	AGAP001651-PA	-	48	0.000277268	1	950.494	0.03	Ovary	2R:-:7309537-7309511	exon=> In CDS Exon 5 of transcript AGAP001651-PA

JHU_Ag_23710	SNVNVASYLAEQKK	AGAP001651-PA	N-Term(Acetyl)	116	3.29E-11	1	1592.826	-0.99	Ovary	2R:-:7310592-7310551	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_24050	SNVNVASYLAEQK	AGAP001651-PA	N-Term(Acetyl)	95	4.34E-09	1	1464.741	5.51	Salivary gland	2R:-:7310592-7310554	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_25858	IIEDLKDILEEAGNVTPVHGK	AGAP001651-PA	-	106	1.46E-10	1	2290.228	-0.34	Midgut	2R:-:7309984-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_28236	LVGQHSDYYR	AGAP001651-PA	-	37	0.002740549	1	1237.605	6.87	Pupa	2R:-:7309819-7309790	exon=> In CDS Exon 4 of transcript AGAP001651-PA
JHU_Ag_29549	AFNSGDIVK	AGAP001651-PA	-	38	0.002784586	1	950.494	-0.21	Midgut	2R:-:7309537-7309511	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_30466	YYMLAANYYR	AGAP001651-PA	M3(Oxidation)	57	1.57E-05	1	1343.612	2.57	Male reproductive organs	2R:-:7309921-7310177,7309667-7309820	exon=> In CDS Exon 4 and 3 of transcript AGAP001651-PA
JHU_Ag_32736	ICDQAVWMCK	AGAP001651-PA	C2(Carbamidomethyl), M8(Oxidation), C9(Carbamidomethyl)	67	1.30E-06	2	1326.564	0.2	Male reproductive organs	2R:-:7310071-7310042	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_33928	EAIAFLEK	AGAP001651-PA	-	43	0.000454993	1	920.513	4.09	Larva	2R:-:7310113-7310090	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_35176	LWNELTIK	AGAP001651-PA	-	49	0.000140343	1	1016.581	3.55	Larva	2R:-:7310360-7310337	exon=> In CDS Exon 2 of transcript AGAP001651-PA
JHU_Ag_40584	WSSIADLAAQEVKLR	AGAP001651-PA	-	43	0.000426963	1	1686.923	3.31	Malpighian tubule	2R:-:7309489-7309445	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_41389	VLQGQIHLEHLNQLDETKK	AGAP001651-PA	-	106	1.28E-10	1	2243.225	4.95	Larva	2R:-:7310041-7309985	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_46196	AFNSGDIVK	AGAP001651-PA	-	41	0.001287432	1	950.493	-1.38	Pupa	2R:-:7309537-7309511	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_46264	IIEDLKDILEEAGNVTPVHGK	AGAP001651-PA	-	68	1.07E-06	1	2290.225	-1.97	Salivary gland	2R:-:7309984-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_47347	EVEILIMK	AGAP001651-PA	-	35	0.002783868	1	974.561	2.01	Midgut	2R:-:7309336-7309313	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_48685	LWNELTIK	AGAP001651-PA	-	53	5.17E-05	1	1016.578	0.67	Salivary gland	2R:-:7310360-7310337	exon=> In CDS Exon 2 of transcript AGAP001651-PA
JHU_Ag_51195	INPYGLVEILTVVISYLSDKK	AGAP001651-PA	-	38	0.000214828	1	2364.343	0.23	Ovary	2R:-:7310176-7310114	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_51385	LWNELTIK	AGAP001651-PA	-	43	0.00049936	1	1016.578	0.73	Ovary	2R:-:7310360-7310337	exon=> In CDS Exon 2 of transcript AGAP001651-PA
JHU_Ag_53496	SNVNVASYLAEQK	AGAP001651-PA	N-Term(Acetyl)	82	1.01E-07	2	1464.737	3.09	Pupa	2R:-:7310592-7310554	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_55600	VLQGQIHLEHLNQLDETKK	AGAP001651-PA	-	59	7.65E-06	1	2243.218	1.48	Ovary	2R:-:7310041-7309985	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_56649	VLQGQIHLEHLNQLDETK	AGAP001651-PA	-	115	2.53E-11	1	2115.123	1.64	Ovary	2R:-:7310041-7309988	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_56670	ISLLCLMEMTFK	AGAP001651-PA	C5(Carbamidomethyl), M7(Oxidation), M9(Oxidation)	75	5.38E-07	1	1517.746	3.03	Larva	2R:-:7309438-7309403	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_57193	WSSIADLAAQEVK	AGAP001651-PA	-	102	1.15E-09	2	1417.739	4.98	Ovary	2R:-:7309489-7309451	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_57609	GAIDEVAGVVNMTWVQPR	AGAP001651-PA	M12(Oxidation)	72	1.04E-06	2	1957.978	-1.05	Male reproductive organs	2R:-:7309288-7309235	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_58535	TTDKDLAAEWTVLEELYNEK	AGAP001651-PA	-	58	2.28E-05	3	2368.152	-1.4	Midgut	2R:-:7310550-7310595,7310248-7310361	exon=> In CDS Exon 2 and 1 of transcript AGAP001651-PA
JHU_Ag_60740	YYMLAANYYR	AGAP001651-PA	M3(Oxidation)	75	2.40E-07	1	1343.611	1.21	Ovary	2R:-:7309921-7310177,7309667-7309820	exon=> In CDS Exon 4 and 3 of transcript AGAP001651-PA

JHU_Ag_62839	TTDKDLAAEWTVLEELYNEK	AGAP001651-PA	-	92	1.10E-08	1	2368.173	7.5	Larva	2R:-:7310550-7310595,7310248-7310361	exon=> In CDS Exon 2 and 1 of transcript AGAP001651-PA
JHU_Ag_62905	YYMLAANYYR	AGAP001651-PA	M3(Oxidation)	46	0.000174718	2	1343.609	0.3	Salivary gland	2R:-:7309921-7310177,7309667-7309820	exon=> In CDS Exon 4 and 3 of transcript AGAP001651-PA
JHU_Ag_63185	IIEDLKDILEEAGNVTPVHGK	AGAP001651-PA	-	132	3.22E-13	1	2290.241	5.34	Larva	2R:-:7309984-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_63448	VLQGQIHLEHLNQLDETKK	AGAP001651-PA	-	102	4.73E-10	1	2243.211	-1.67	Midgut	2R:-:7310041-7309985	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_63617	SNVNVASYLAEQKK	AGAP001651-PA	N-Term(Acetyl)	121	9.98E-12	1	1592.830	1.31	Male reproductive organs	2R:-:7310592-7310551	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_65153	HPALQNEEALLALYHNFIASFETK	AGAP001651-PA	-	98	1.48E-09	1	2756.414	3.58	Malpighian tubule	2R:-:7310318-7310361,7309893-7310177	exon=> In CDS Exon 3 and 2 of transcript AGAP001651-PA
JHU_Ag_66269	CGLQFLGCSIDTYPK	AGAP001651-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	108	2.07E-10	1	1758.815	-2.22	Ovary	2R:-:7309789-7309745	exon=> In CDS Exon 4 of transcript AGAP001651-PA
JHU_Ag_66291	DILEEAGNVTPVHGK	AGAP001651-PA	-	86	4.13E-08	1	1578.817	3.26	Ovary	2R:-:7309966-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_68303	DILEEAGNVTPVHGK	AGAP001651-PA	-	70	1.75E-06	1	1578.816	2.64	Midgut	2R:-:7309966-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_69925	SNVNVASYLAEQK	AGAP001651-PA	N-Term(Acetyl)	39	0.001689865	2	1464.740	4.76	Malpighian tubule	2R:-:7310592-7310554	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_70835	SNVNVASYLAEQKK	AGAP001651-PA	N-Term(Acetyl)	85	4.51E-08	1	1592.828	0.01	Midgut	2R:-:7310592-7310551	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_70988	DILEEAGNVTPVHGK	AGAP001651-PA	-	97	3.08E-09	1	1578.818	3.33	Malpighian tubule	2R:-:7309966-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_72105	ISLLCLMEMTFK	AGAP001651-PA	C5(Carbamidomethyl), M7(Oxidation), M9(Oxidation)	47	0.000370742	1	1517.741	-0.51	Male reproductive organs	2R:-:7309438-7309403	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_73123	WSSIADLAAQEVK	AGAP001651-PA	-	71	1.34E-06	2	1417.738	3.86	Malpighian tubule	2R:-:7309489-7309451	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_73310	LVGQHSDYYR	AGAP001651-PA	-	44	0.000570869	1	1237.600	3.23	Larva	2R:-:7309819-7309790	exon=> In CDS Exon 4 of transcript AGAP001651-PA
JHU_Ag_73487	TTDKDLAAEWTVLEELYNEK	AGAP001651-PA	-	54	6.84E-05	1	2368.162	2.55	Salivary gland	2R:-:7310550-7310595,7310248-7310361	exon=> In CDS Exon 2 and 1 of transcript AGAP001651-PA
JHU_Ag_74769	VLQGQIHLEHLNQLDETK	AGAP001651-PA	-	132	5.18E-13	1	2115.122	1.18	Head	2R:-:7310041-7309988	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_75442	EAIAFLEK	AGAP001651-PA	-	41	0.000966875	1	920.508	-0.36	Midgut	2R:-:7310113-7310090	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_76326	GAIDEVAGVVNMTWVQPR	AGAP001651-PA	M12(Oxidation)	93	7.14E-09	1	1957.982	0.76	Midgut	2R:-:7309288-7309235	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_76575	DILEEAGNVTPVHGK	AGAP001651-PA	-	97	3.34E-09	1	1578.820	5.19	Larva	2R:-:7309966-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_80801	YYMLAANYYR	AGAP001651-PA	M3(Oxidation)	68	1.23E-06	1	1343.609	0.3	Midgut	2R:-:7309921-7310177,7309667-7309820	exon=> In CDS Exon 4 and 3 of transcript AGAP001651-PA
JHU_Ag_81138	LWNELTIK	AGAP001651-PA	-	43	0.000548516	1	1016.580	2.23	Malpighian tubule	2R:-:7310360-7310337	exon=> In CDS Exon 2 of transcript AGAP001651-PA
JHU_Ag_81646	ICDQAVWMCK	AGAP001651-PA	C2(Carbamidomethyl), M8(Oxidation), C9(Carbamidomethyl)	69	8.29E-07	2	1326.568	2.68	Larva	2R:-:7310071-7310042	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_84938	SNVNVASYLAEQK	AGAP001651-PA	N-Term(Acetyl)	82	9.77E-08	1	1464.734	0.84	Male reproductive organs	2R:-:7310592-7310554	exon=> In CDS Exon 1 of transcript AGAP001651-PA

JHU_Ag_85143	DILEEAGNVTPVHGK	AGAP001651-PA	-	107	3.09E-10	1	1578.815	1.94	Head	2R:-:7309966-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_85612	GAIDEVAGVVNMTWVQPR	AGAP001651-PA	-	51	0.000118403	1	1941.991	3.13	Pupa	2R:-:7309288-7309235	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_86945	WSSIADLAAQEVK	AGAP001651-PA	-	84	6.86E-08	2	1417.735	2.23	Male reproductive organs	2R:-:7309489-7309451	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_90693	WSSIADLAAQEVK	AGAP001651-PA	-	105	5.68E-10	2	1417.736	2.66	Salivary gland	2R:-:7309489-7309451	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_91090	SNVNVASYLAEQKK	AGAP001651-PA	N-Term(Acetyl)	102	7.17E-10	1	1592.837	5.45	Malpighian tubule	2R:-:7310592-7310551	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_91180	WSSIADLAAQEVK	AGAP001651-PA	-	110	1.94E-10	2	1417.731	-0.53	Midgut	2R:-:7309489-7309451	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_92221	LWNELTIK	AGAP001651-PA	-	44	0.000547 97	2	1016.576	-1.85	Male reproductive organs	2R:-:7310360-7310337	exon=> In CDS Exon 2 of transcript AGAP001651-PA
JHU_Ag_93365	SNVNVASYLAEQK	AGAP001651-PA	N-Term(Acetyl)	81	1.03E-07	2	1464.743	6.59	Larva	2R:-:7310592-7310554	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_94682	SNVNVASYLAEQKK	AGAP001651-PA	N-Term(Acetyl)	84	4.26E-08	1	1592.836	4.76	Larva	2R:-:7310592-7310551	exon=> In CDS Exon 1 of transcript AGAP001651-PA
JHU_Ag_97101	IIEDLKDILEEAGNVTPVHGK	AGAP001651-PA	-	138	8.50E-14	1	2290.229	0.14	Ovary	2R:-:7309984-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_97106	VLQGQIHLEHLNQLDETKK	AGAP001651-PA	-	53	3.58E-05	1	2243.215	0.38	Male reproductive organs	2R:-:7310041-7309985	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_99268	INPYGLVEILTVVISYLSDKK	AGAP001651-PA	-	50	1.93E-05	1	2364.341	-0.62	Midgut	2R:-:7310176-7310114	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_100982	YYMLAANYYR	AGAP001651-PA	M3(Oxidation)	59	1.05E-05	1	1343.612	2.57	Larva	2R:-:7309921-7310177,7309667-7309820	exon=> In CDS Exon 4 and 3 of transcript AGAP001651-PA
JHU_Ag_104830	EAIAFLEK	AGAP001651-PA	-	47	0.000277569	2	920.509	-0.3	Salivary gland	2R:-:7310113-7310090	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_104944	LVGQHSDYYR	AGAP001651-PA	-	52	8.23E-05	1	1237.592	-3.28	Head	2R:-:7309819-7309790	exon=> In CDS Exon 4 of transcript AGAP001651-PA
JHU_Ag_107882	ICDQAVWMCK	AGAP001651-PA	C2(Carbamidomethyl), M8(Oxidation), C9(Carbamidomethyl)	57	1.31E-05	1	1326.566	1.49	Salivary gland	2R:-:7310071-7310042	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_108317	ALAQGLVK	AGAP001651-PA	-	52	4.85E-05	1	799.503	-0.55	Ovary	2R:-:7309312-7309289	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_108400	IIEDLKDILEEAGNVTPVHGK	AGAP001651-PA	N14(Deamidated)	130	6.16E-13	1	2290.234	2.22	Pupa	2R:-:7309984-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_109622	FEQMKPK	AGAP001651-PA	M4(Oxidation)	43	0.000576687	1	923.465	-0.14	Male reproductive organs	2R:-:7309510-7309490	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_111624	WSSIADLAAQEVK	AGAP001651-PA	-	73	9.65E-07	2	1417.731	-0.61	Pupa	2R:-:7309489-7309451	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_113024	IIEDLKDILEEAGNVTPVHGK	AGAP001651-PA	-	103	2.51E-10	1	2290.232	1.26	Male reproductive organs	2R:-:7309984-7309922	exon=> In CDS Exon 3 of transcript AGAP001651-PA
JHU_Ag_114973	LPIKEVEILIMK	AGAP001651-PA	-	85	2.90E-09	1	1425.878	2.24	Midgut	2R:-:7309348-7309313	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_117037	TITFDEIAK	AGAP001651-PA	-	37	0.002716085	1	1037.552	0.51	Ovary	2R:-:7309384-7309358	exon=> In CDS Exon 5 of transcript AGAP001651-PA
JHU_Ag_54512	HGYQAESHTLK	AGAP001652-PA	-	44	0.000509103	2	1270.615	-2.03	Head	2R:-:7313382-7313350	exon=> In CDS Exon 2 of transcript AGAP001652-PA
JHU_Ag_75124	DVANLFNQLHR	AGAP001652-PA	-	39	0.001522152	1	1326.691	-0.19	Head	2R:-:7311349-7311317	exon=> In CDS Exon 4 of transcript AGAP001652-PA
JHU_Ag_983	MCLVEVEK	AGAP001653-PA	C2(Carbamidomethyl)	35	0.005050891	1	1007.490	-0.22	Malpighian tubule	2R:+:7320647-7320670	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_1303	ENDEINEEWLSDK	AGAP001653-PA	-	83	3.34E-08	2	1620.705	1.42	Salivary gland	2R:+:7321259-7321297	exon=> In CDS Exon 2 of transcript AGAP001653-PA

JHU_Ag_1384	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	116	9.72E-12	1	1682.968	-0.74	Male reproductive organs	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_1418	GYIHNDQNIALIGPK	AGAP001653-PA	-	35	0.003206269	1	1652.875	-0.6	Male reproductive organs	2R:+:7321691-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_1899	KPLIIVGANQLAR	AGAP001653-PA	-	38	6.80E-05	2	1392.873	2.86	Larva	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_1973	FPTDGSGTDLR	AGAP001653-PA	-	65	4.17E-06	1	1165.549	0.89	Visceras	2R:+:7321544-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_2249	MEDIAPHLVR	AGAP001653-PA	M1(Oxidation)	59	1.74E-05	2	1180.610	-3.67	Midgut	2R:+:7322514-7322543	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_2634	ILPRENDEINEEWLSDK	AGAP001653-PA	-	74	6.26E-07	1	2100.033	3.84	Malpighian tubule	2R:+:7321247-7321297	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_2692	FASEVAGVDDLGTTGR	AGAP001653-PA	-	125	5.31E-12	2	1594.772	0.9	Head	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_2944	ENDEINEEWLSDK	AGAP001653-PA	-	90	6.21E-09	2	1620.697	-3.18	Midgut	2R:+:7321259-7321297	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_3010	AQQTLVAVTPPGLAR	AGAP001653-PA	-	72	1.71E-07	2	1521.882	4.87	Malpighian tubule	2R:+:7322385-7322429	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_3191	FPTDGSGTDLR	AGAP001653-PA	-	60	1.41E-05	1	1165.548	-0.37	Malpighian tubule	2R:+:7321544-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_4042	VLFLLGADAGVVDKEK	AGAP001653-PA	-	103	2.04E-10	1	1673.948	0.49	Midgut	2R:+:7322208-7322255	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_4403	KIESIDVLDALGSNIVVSTR	AGAP001653-PA	-	150	2.81E-15	1	2129.194	5.9	Malpighian tubule	2R:+:7321169-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_4633	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	96	2.40E-09	2	1623.868	3.32	Salivary gland	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_5354	MCLVEVEK	AGAP001653-PA	C2(Carbamidomethyl)	38	0.002208952	1	1007.491	0.99	Salivary gland	2R:+:7320647-7320670	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_6461	KLADFFMTDPITR	AGAP001653-PA	-	42	0.000723966	1	1554.801	1.84	Salivary gland	2R:+:7322646-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_6670	AVEDKDIGPLIK	AGAP001653-PA	-	86	1.34E-08	1	1297.738	1.68	Head	2R:+:7320905-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_6897	DIANGHHPFAK	AGAP001653-PA	N4(Deamidated)	62	1.17E-05	1	1206.602	0.41	Head	2R:+:7321870-7321902	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_7815	YEAPLLNTR	AGAP001653-PA	-	62	9.92E-06	1	1076.577	3.3	Malpighian tubule	2R:+:7321655-7321681	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_8417	NSSVQFDGGKVDVVQK	AGAP001653-PA	-	118	2.16E-11	1	1706.873	1.45	Visceras	2R:+:7322598-7322645	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_9396	KDGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	116	2.51E-11	1	2319.208	4.13	Head	2R:+:7321960-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_9416	GNDMQIGTYVEK	AGAP001653-PA	M4(Oxidation)	35	0.002987119	2	1370.626	0.49	Pupa	2R:+:7321031-7321066	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_10071	FTDIHHTGK	AGAP001653-PA	-	62	6.46E-06	1	1055.531	3.59	Malpighian tubule	2R:+:7320875-7320901	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_10310	VLFLLGADAGVVDK	AGAP001653-PA	-	77	9.39E-08	2	1416.811	1	Pupa	2R:+:7322208-7322249	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_10348	DGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	105	4.39E-10	1	2191.106	1.47	Malpighian tubule	2R:+:7321963-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_10470	LGSETLCTEQK	AGAP001653-PA	C7(Carbamidomethyl)	65	4.88E-06	2	1265.601	-2.37	Midgut	2R:+:7321511-7321543	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_10611	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	148	2.85E-14	1	2082.019	2.5	Salivary gland	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA

JHU_Ag_10808	SPKPVAACAMPVMK	AGAP001653-PA	C8(Carbamidomethyl), M10(Oxidation), M13(Oxidation)	60	1.69E-05	1	1518.747	-0.8	Malpighian tubule	2R:+:7320671-7320712	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_11378	DIGPLIK	AGAP001653-PA	-	31	0.001658646	2	755.466	-0.54	Malpighian tubule	2R:+:7320920-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_11391	VAAVAGGLVDAESLVALKDLLNR	AGAP001653-PA	-	121	1.18E-12	2	2294.325	7.53	Malpighian tubule	2R:+:7321442-7321510	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_11562	MEDIAPHLVR	AGAP001653-PA	M1(Oxidation)	58	1.95E-05	2	1196.609	0.11	Visceras	2R:+:7322514-7322543	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_11756	DCFIVYQGHHGDAGAQMAHAILPGAYTEKQGTYVNTEGR	AGAP001653-PA	C2(Carbamidomethyl), M17(Oxidation)	80	9.31E-08	1	4350.038	6.67	Malpighian tubule	2R:+:7322265-7322384	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_12494	DIANGHHPFAK	AGAP001653-PA	N4(Deamidated)	65	4.66E-06	1	1207.586	0.61	Salivary gland	2R:+:7321870-7321902	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_13249	LIAPMLR	AGAP001653-PA	-	26	0.010098324	1	813.503	1.59	Head	2R:+:7321334-7321354	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_15043	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	52	1.54E-05	1	1682.976	4.48	Ovary	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_15046	KIESIDVLDALGSNIVVSTR	AGAP001653-PA	-	64	1.27E-06	2	2129.188	3.03	Salivary gland	2R:+:7321169-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_15086	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	141	1.51E-13	1	2082.018	1.8	Head	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_16492	FACDGLK	AGAP001653-PA	C3(Carbamidomethyl)	35	0.003197508	2	810.381	-0.58	Head	2R:+:7321304-7321324	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_16695	SPKPVAACAMPVMK	AGAP001653-PA	C8(Carbamidomethyl), M10(Oxidation), M13(Oxidation)	61	1.32E-05	1	1518.748	0.43	Head	2R:+:7320671-7320712	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_16952	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	131	2.15E-13	2	1682.977	4.77	Head	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_17073	EAKKPLIIVGANQLAR	AGAP001653-PA	-	55	1.64E-06	2	1721.050	3.8	Malpighian tubule	2R:+:7321912-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_18015	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	121	7.77E-12	1	1623.868	3.25	Head	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_18069	KDGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	92	5.99E-09	1	2319.213	6.58	Ovary	2R:+:7321960-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_18177	LGSETLCTEQK	AGAP001653-PA	C7(Carbamidomethyl)	79	1.98E-07	2	1265.604	0.04	Head	2R:+:7321511-7321543	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_18506	FTDIHHTGKR	AGAP001653-PA	-	53	5.49E-05	1	1211.628	-0.25	Visceras	2R:+:7320875-7320904	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_18971	SPKPVAACAMPVMK	AGAP001653-PA	C8(Carbamidomethyl)	67	2.29E-06	1	1486.762	2.71	Salivary gland	2R:+:7320671-7320712	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_19179	DCFIVYQGHHGDAGAQMAHAILPGAYTEK	AGAP001653-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M17(Oxidation)"	99	1.31E-09	1	3228.493	-1.87	Midgut	2R:+:7322265-7322354	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_19464	GNDMQIGTYVEK	AGAP001653-PA	M4(Oxidation)	91	1.13E-08	1	1354.632	0.53	Head	2R:+:7321031-7321066	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_19532	FACDGLKR	AGAP001653-PA	C3(Carbamidomethyl)	49	0.000171214	1	966.483	0.61	Head	2R:+:7321304-7321327	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_20873	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	123	6.66E-12	1	2016.034	2.9	Malpighian tubule	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_21426	FACDGLK	AGAP001653-PA	C3(Carbamidomethyl)	37	0.001929867	2	810.382	0.33	Visceras	2R:+:7321304-7321324	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_23434	FPTDGSGTDLR	AGAP001653-PA	-	58	1.94E-05	2	1165.549	0.68	Salivary gland	2R:+:7321544-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA

JHU_Ag_23526	SSYLLNSSIAACEEADLVLLVGTNPR	AGAP001653-PA	C12(Carbamidomethyl)	69	1.37E-06	2	2792.425	4.12	Head	2R:+:7321577-7321654	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_24399	LAVAGNCR	AGAP001653-PA	C7(Carbamidomethyl)	43	0.001009184	1	860.441	0.33	Salivary gland	2R:+:7320623-7320646	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_24586	QGTYVNTEGR	AGAP001653-PA	-	64	5.18E-06	2	1124.533	-0.53	Malpighian tubule	2R:+:7322355-7322384	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_24936	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	87	2.73E-08	1	2016.029	0.05	Male reproductive organs	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_25388	YEAPLLNTR	AGAP001653-PA	-	62	9.87E-06	1	1076.575	1.71	Salivary gland	2R:+:7321655-7321681	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_25730	MEDIAPHLVR	AGAP001653-PA	M1(Oxidation)	58	2.12E-05	1	1196.611	1.79	Salivary gland	2R:+:7322514-7322543	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_27415	DIGPLIK	AGAP001653-PA	-	34	0.001543337	1	755.466	0.21	Head	2R:+:7320920-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_27523	YEAPLLNTR	AGAP001653-PA	-	34	0.005759277	2	1076.575	1.26	Head	2R:+:7321655-7321681	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_28063	LPKDCFIVYQGHHGDAGAQMAHAILPGAAYTEK	AGAP001653-PA	C5(Carbamidomethyl), M20(Oxidation)	45	0.000396101	1	3582.730	1.06	Malpighian tubule	2R:+:7322256-7322354	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_29829	FCYHER	AGAP001653-PA	C2(Carbamidomethyl)	30	0.004300206	2	911.383	-0.14	Salivary gland	2R:+:7320605-7320622	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_30252	DGTSFLTALHVFANSLSPADKNWK	AGAP001653-PA	-	46	0.000319627	1	2619.328	2.84	Visceras	2R:+:7321963-7322022,7322100-7322111	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_30736	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	166	6.68E-17	1	1682.970	0.99	Malpighian tubule	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_31591	IESIDVLDALGSNIVVSTR	AGAP001653-PA	-	122	5.09E-12	1	2001.093	3.23	Head	2R:+:7321172-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_32338	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	89	2.02E-08	1	1442.698	-0.4	Male reproductive organs	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_33310	FACDGLK	AGAP001653-PA	C3(Carbamidomethyl)	37	0.001731918	2	810.384	3.57	Malpighian tubule	2R:+:7321304-7321324	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_33506	KPLIIVGANQLAR	AGAP001653-PA	-	69	6.31E-08	1	1392.874	3.82	Ovary	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_34427	FTDIHHTGK	AGAP001653-PA	-	60	1.24E-05	1	1055.522	-4.86	Head	2R:+:7320875-7320901	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_35197	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	89	1.83E-08	1	1442.701	1.97	Visceras	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_35507	LGSETLCTEQKFPTDGSGTDLR	AGAP001653-PA	C7(Carbamidomethyl)	127	3.07E-12	1	2412.135	-0.05	Salivary gland	2R:+:7321511-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_35591	MCLVEVEK	AGAP001653-PA	M1(Oxidation), C2(Carbamidomethyl)	49	0.000150442	2	1023.482	-3.06	Midgut	2R:+:7320647-7320670	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_35623	NSSVQFDGGK	AGAP001653-PA	-	48	0.000195902	1	1038.485	0.04	Malpighian tubule	2R:+:7322598-7322627	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_36319	NSSVQFDGGK	AGAP001653-PA	-	52	7.21E-05	1	1038.485	0.28	Salivary gland	2R:+:7322598-7322627	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_36434	LGSETLCTEQKFPTDGSGTDLR	AGAP001653-PA	C7(Carbamidomethyl)	153	7.15E-15	1	2412.138	1.39	Visceras	2R:+:7321511-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_37061	DIANGHHPFAK	AGAP001653-PA	N4(Deamidated)	56	3.78E-05	1	1207.587	0.91	Pupa	2R:+:7321870-7321902	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_37237	AQQTLVAVTPPGLAR	AGAP001653-PA	-	71	2.20E-07	2	1521.877	1.75	Salivary gland	2R:+:7322385-7322429	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_38847	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	85	4.53E-08	1	1442.694	-3.03	Midgut	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_39220	VLFLLGADAGVVDKEK	AGAP001653-PA	-	133	1.69E-13	1	1673.953	3.11	Head	2R:+:7322208-7322255	exon=> In CDS Exon 4 of transcript AGAP001653-PA

JHU_Ag_39904	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	136	9.33E-14	2	1682.968	-0.45	Midgut	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_40884	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	74	6.10E-07	2	1442.699	0.19	Pupa	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_41114	FACDGLK	AGAP001653-PA	C3(Carbamidomethyl)	37	0.001916582	2	810.382	0.33	Salivary gland	2R:+:7321304-7321324	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_41498	KPLIIVGANQLAR	AGAP001653-PA	-	94	1.99E-10	1	1392.868	-0.56	Midgut	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_41848	KGYIHNDQNIALIGPK	AGAP001653-PA	-	104	2.41E-10	1	1780.976	2.9	Malpighian tubule	2R:+:7321688-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_42490	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	150	1.62E-14	1	2082.012	-1.13	Midgut	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_44129	ENDEINEEWLSDK	AGAP001653-PA	-	72	5.04E-07	1	1620.707	2.85	Malpighian tubule	2R:+:7321259-7321297	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_44182	AVEDKDIGPLIK	AGAP001653-PA	-	95	1.73E-09	1	1297.741	3.84	Malpighian tubule	2R:+:7320905-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_44800	DCFIVYQGHHGDAGAQMAHAILPGAAYTEK	AGAP001653-PA	C2(Carbamidomethyl)	83	5.26E-08	1	3228.504	1.61	Salivary gland	2R:+:7322265-7322354	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_45003	FASEVAGVDDLGTTGR	AGAP001653-PA	-	123	8.44E-12	1	1594.774	2.05	Salivary gland	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_45243	KPLIIVGANQLAR	AGAP001653-PA	-	99	5.08E-11	1	1392.869	0.58	Malpighian tubule	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_45454	KPLIIVGANQLARK	AGAP001653-PA	-	85	4.29E-10	1	1520.968	2.79	Malpighian tubule	2R:+:7321921-7321962	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_46534	KGYIHNDQNIALIGPK	AGAP001653-PA	-	111	5.88E-11	1	1780.972	1.09	Head	2R:+:7321688-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_46818	VNLSYDYEHLGSDTSLIRDIANGHHPFAK	AGAP001653-PA	N22(Deamidated)	99	1.42E-09	1	3269.614	5.16	Malpighian tubule	2R:+:7321736-7321759,7321840-7321902	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_46890	VPEKIEVFVDDQPVMVDPGTTVLQAAAQVGVEIPR	AGAP001653-PA	M15(Oxidation)	75	1.34E-07	1	3762.989	7.18	Malpighian tubule	2R:+:7320421-7320492,7320572-7320604	exon=> In CDS Exon 1 and 2 of transcript AGAP001653-PA
JHU_Ag_47391	LAVAGNCR	AGAP001653-PA	C7(Carbamidomethyl)	41	0.001510143	2	860.443	2.24	Malpighian tubule	2R:+:7320623-7320646	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_47778	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	124	3.34E-12	1	1623.868	3.17	Visceras	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_47985	TRMEDIAPHLVR	AGAP001653-PA	M3(Oxidation)	64	4.91E-06	1	1453.757	-0.43	Visceras	2R:+:7322508-7322543	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_48035	FASEVAGVDDLGTTGR	AGAP001653-PA	-	123	7.94E-12	1	1594.770	-0.25	Pupa	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_48496	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	147	3.08E-14	1	2082.012	-0.78	Pupa	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_49094	KLADFFMTDPITR	AGAP001653-PA	M7(Oxidation)	76	3.61E-07	1	1570.804	6.47	Malpighian tubule	2R:+:7322646-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_49187	ALSEVAGAPLPYDTLDDLRTR	AGAP001653-PA	-	57	2.39E-05	1	2273.188	4.82	Head	2R:+:7322451-7322513	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_49202	FASEVAGVDDLGTTGR	AGAP001653-PA	-	121	1.30E-11	1	1594.774	1.74	Visceras	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_49349	IKTNSEMTR	AGAP001653-PA	-	45	0.000423971	3	1079.556	3.85	Malpighian tubule	2R:+:7320722-7320748	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_50553	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	107	1.79E-10	1	1623.866	2.05	Pupa	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_50986	MEDIAPHLVR	AGAP001653-PA	M1(Oxidation)	65	3.53E-06	1	1196.609	-0.29	Head	2R:+:7322514-7322543	exon=> In CDS Exon 4 of transcript AGAP001653-PA

JHU_Ag_51305	VLFLLGADAGVVDK	AGAP001653-PA	-	100	5.16E-10	2	1416.813	2.04	Head	2R:+:7322208-7322249	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_51329	NSSVQFDGGKVDVVQK	AGAP001653-PA	-	98	2.16E-09	1	1706.879	4.74	Malpighian tubule	2R:+:7322598-7322645	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_51614	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	119	1.71E-11	1	2016.030	0.96	Salivary gland	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_51683	LGSETLCTEQK	AGAP001653-PA	C7(Carbamidomethyl)	64	6.06E-06	1	1265.604	0.04	Malpighian tubule	2R:+:7321511-7321543	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_52268	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	155	5.31E-15	1	2082.018	2.15	Visceras	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_52299	VAAVAGGLVDAESLVALKDLLNR	AGAP001653-PA	-	114	7.86E-12	1	2294.317	3.86	Head	2R:+:7321442-7321510	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_53048	FASEVAGVDDLGTTGR	AGAP001653-PA	-	87	3.37E-08	2	1594.778	4.5	Ovary	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_53085	LIAPMLR	AGAP001653-PA	-	31	0.003632865	1	813.503	1.29	Malpighian tubule	2R:+:7321334-7321354	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_53636	TRMEDIAPHLVR	AGAP001653-PA	M3(Oxidation)	54	5.91E-05	1	1453.757	-0.58	Malpighian tubule	2R:+:7322508-7322543	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_53980	DCFIVYQGHHGDAGAQMAHAILPGAAYTEK	AGAP001653-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl),M17(Oxidation)"	196	3.10E-19	1	3228.506	2.05	Visceras	2R:+:7322265-7322354	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_56762	FASEVAGVDDLGTTGR	AGAP001653-PA	-	95	5.27E-09	2	1594.770	-0.33	Male reproductive organs	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_56871	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	145	7.73E-15	1	1682.975	3.9	Visceras	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_57382	AQQTLVAVTPPGLAREDWK	AGAP001653-PA	-	69	8.83E-07	1	2080.130	5.23	Malpighian tubule	2R:+:7322385-7322441	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_57885	GNDMQIGTYVEK	AGAP001653-PA	M4(Oxidation)	89	1.65E-08	1	1354.631	0.44	Salivary gland	2R:+:7321031-7321066	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_58674	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	94	5.55E-09	1	2016.035	3.14	Ovary	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_58691	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	104	5.75E-10	1	2016.026	-1.4	Midgut	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_59492	VLFLLGADAGVVDK	AGAP001653-PA	-	81	3.33E-08	2	1416.815	3.85	Malpighian tubule	2R:+:7322208-7322249	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_60280	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	62	1.07E-05	2	2082.023	4.14	Larva	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_61042	NPSGELEAVEWESALITIAQALR	AGAP001653-PA	-	117	2.11E-11	2	2497.297	1.3	Midgut	2R:+:7321355-7321423	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_61093	YEAPLLNTR	AGAP001653-PA	-	45	0.000510172	2	1076.571	-2.6	Midgut	2R:+:7321655-7321681	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_61251	GNDMQIGTYVEK	AGAP001653-PA	M4(Oxidation)	96	2.79E-09	1	1370.627	0.67	Visceras	2R:+:7321031-7321066	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_61563	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	86	3.69E-08	2	1442.704	3.91	Head	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_63148	IESIDVLDALGSNIVVSTR	AGAP001653-PA	-	121	6.94E-12	1	2001.092	2.8	Visceras	2R:+:7321172-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_63468	DCFIVYQGHHGDAGAQMAHAILPGAAYTEK	AGAP001653-PA	C2(Carbamidomethyl),M17(Oxidation)	175	3.77E-17	1	3244.502	2.4	Head	2R:+:7322265-7322354	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_63632	LAVAGNCR	AGAP001653-PA	C7(Carbamidomethyl)	57	4.63E-05	1	860.441	0.26	Head	2R:+:7320623-7320646	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_64101	FASEVAGVDDLGTTGR	AGAP001653-PA	-	91	1.41E-08	2	1594.779	5.03	Larva	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA

JHU_Ag_65759	LGSETLCTEQKFPTDGSGTDLR	AGAP001653-PA	C7(Carbamidomethyl)	85	4.13E-08	1	2412.135	0.18	Pupa	2R:+:7321511-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_65963	FACDGLKR	AGAP001653-PA	C3(Carbamidomethyl)	36	0.003473126	1	966.485	2.31	Malpighian tubule	2R:+:7321304-7321327	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_66056	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	100	1.94E-09	1	2082.015	0.74	Ovary	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_66502	MCLVEVEK	AGAP001653-PA	C2(Carbamidomethyl)	35	0.004755391	1	1007.490	-0.02	Head	2R:+:7320647-7320670	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_66624	DGTSFLTALHVFANSLSPADKNWK	AGAP001653-PA	-	44	0.000501083	1	2619.328	2.86	Head	2R:+:7321963-7322022,7322100-7322111	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_67836	SPKPVAACAMPVMK	AGAP001653-PA	C8(Carbamidomethyl), M10(Oxidation), M13(Oxidation)	61	1.47E-05	1	1518.755	4.8	Larva	2R:+:7320671-7320712	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_68694	KIESIDVLDALGSNIVVSTR	AGAP001653-PA	-	55	1.20E-05	1	2129.186	2.23	Pupa	2R:+:7321169-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_69445	NPSGELEAVEWESALITIAQALR	AGAP001653-PA	-	175	2.81E-17	1	2497.303	3.67	Head	2R:+:7321355-7321423	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_69759	YEAPLLNTR	AGAP001653-PA	-	58	2.56E-05	1	1076.575	1.37	Visceras	2R:+:7321655-7321681	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_70635	AQQTLVAVTPPGLAR	AGAP001653-PA	-	38	0.000510368	2	1521.875	-0.18	Pupa	2R:+:7322385-7322429	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_70806	GYIHNDQNIALIGPK	AGAP001653-PA	-	108	1.52E-10	1	1652.877	1.18	Head	2R:+:7321691-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_71688	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	77	2.40E-07	2	1426.711	5.18	Malpighian tubule	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_71742	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	103	7.42E-10	1	2016.033	1.99	Visceras	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_71817	SPKPVAACAMPVMKGWR	AGAP001653-PA	C8(Carbamidomethyl), M10(Oxidation), M13(Oxidation)	46	0.000432927	1	1917.955	2.81	Malpighian tubule	2R:+:7320671-7320721	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_71871	SPKPVAACAMPVMK	AGAP001653-PA	C8(Carbamidomethyl), M10(Oxidation), M13(Oxidation)	46	0.000407896	1	1518.750	1.13	Pupa	2R:+:7320671-7320712	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_72123	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	74	5.76E-07	1	1442.703	3.23	Salivary gland	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_73504	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	64	3.76E-06	2	1623.870	4.3	Larva	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_74225	AVEDKDIGPLIK	AGAP001653-PA	-	86	1.26E-08	1	1297.738	1.3	Visceras	2R:+:7320905-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_74583	VAAVAGGLVDAESLVALKDLLNR	AGAP001653-PA	-	54	7.70E-06	1	2294.309	0.42	Midgut	2R:+:7321442-7321510	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_74600	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	108	3.69E-11	1	1682.975	3.54	Pupa	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_75216	IESIDVLDALGSNIVVSTR	AGAP001653-PA	-	130	6.96E-13	1	2001.100	6.64	Malpighian tubule	2R:+:7321172-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_75873	AVEDKDIGPLIK	AGAP001653-PA	-	89	7.33E-09	1	1297.736	-0.39	Salivary gland	2R:+:7320905-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_76552	AQQTLVAVTPPGLAR	AGAP001653-PA	-	45	0.000104444	2	1521.873	-1.06	Midgut	2R:+:7322385-7322429	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_77027	LGSETLCTEQKFPTDGSGTDLR	AGAP001653-PA	C7(Carbamidomethyl)	87	3.02E-08	1	2412.143	3.52	Malpighian tubule	2R:+:7321511-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_77523	FPTDGSGTDLR	AGAP001653-PA	-	73	6.22E-07	1	1165.545	-2.57	Midgut	2R:+:7321544-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA

JHU_Ag_77611	GYIHNDQNIALIGPK	AGAP001653-PA	-	100	8.73E-10	1	1652.885	5.54	Malpighian tubule	2R:+:7321691-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_77672	ALSEVAGAPLPYDTLDDLRTR	AGAP001653-PA	-	69	1.35E-06	1	2273.192	6.27	Malpighian tubule	2R:+:7322451-7322513	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_78136	KDGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	120	1.04E-11	1	2319.205	2.94	Salivary gland	2R:+:7321960-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_78616	LADFFMTDPITR	AGAP001653-PA	M6(Oxidation)	79	1.75E-07	2	1442.704	3.83	Ovary	2R:+:7322649-7322684	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_78623	KPLIIVGANQLAR	AGAP001653-PA	-	94	2.00E-10	1	1392.870	0.85	Visceras	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_79419	FTDIHHTGKR	AGAP001653-PA	-	35	0.003090533	1	1211.629	0.67	Malpighian tubule	2R:+:7320875-7320904	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_79443	FTDIHHTGK	AGAP001653-PA	-	48	0.000177161	1	1055.527	-0.11	Salivary gland	2R:+:7320875-7320901	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_79708	DCFIVYQGHHGDAGAQMAHAILPGAAYTEK	AGAP001653-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M17(Oxidation)"	122	7.86E-12	1	3244.503	2.87	Malpighian tubule	2R:+:7322265-7322354	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_80058	GYIHNDQNIALIGPK	AGAP001653-PA	-	90	9.05E-09	1	1652.879	1.84	Salivary gland	2R:+:7321691-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_80336	VLFLLGADAGVVDKEK	AGAP001653-PA	-	111	2.81E-11	1	1673.957	5.81	Malpighian tubule	2R:+:7322208-7322255	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_80861	QGTYVNTEGR	AGAP001653-PA	-	66	3.37E-06	2	1124.534	0.45	Salivary gland	2R:+:7322355-7322384	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_81337	ENDEINEEWLSDK	AGAP001653-PA	-	84	2.34E-08	1	1620.701	-0.62	Head	2R:+:7321259-7321297	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_82089	YEAPLLNTR	AGAP001653-PA	-	62	1.13E-05	1	1076.572	-1.01	Pupa	2R:+:7321655-7321681	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_82577	GNDMQIGTYVEK	AGAP001653-PA	M4(Oxidation)	73	5.55E-07	1	1370.625	-0.58	Midgut	2R:+:7321031-7321066	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_82727	LGSETLCTEQK	AGAP001653-PA	C7(Carbamidomethyl)	87	3.34E-08	1	1265.604	-0.06	Visceras	2R:+:7321511-7321543	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_83364	AVEDKDIGPLIK	AGAP001653-PA	-	102	3.37E-10	1	1297.737	0.64	Pupa	2R:+:7320905-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_83493	KDGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	98	1.82E-09	1	2319.190	-3.53	Midgut	2R:+:7321960-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_83979	GYIHNDQNIALIGPK	AGAP001653-PA	-	105	3.33E-10	1	1652.874	-0.67	Midgut	2R:+:7321691-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_84223	NSSVQFDGGKVDVVQK	AGAP001653-PA	-	148	2.05E-14	1	1706.874	1.87	Head	2R:+:7322598-7322645	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_84281	ENDEINEEWLSDK	AGAP001653-PA	-	89	8.96E-09	1	1620.704	0.89	Visceras	2R:+:7321259-7321297	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_84999	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	119	1.16E-11	1	1623.866	2.05	Malpighian tubule	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_86654	IEVFVDDQPVMVDPGTTVLQAAAQVGVEIPR	AGAP001653-PA	M11(Oxidation)	77	1.34E-07	1	3309.710	1.81	Malpighian tubule	2R:+:7320433-7320492,7320572-7320604	exon=> In CDS Exon 1 and 2 of transcript AGAP001653-PA
JHU_Ag_87294	KPLIIVGANQLAR	AGAP001653-PA	-	94	1.74E-10	1	1392.870	1.02	Pupa	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_87403	FASEVAGVDDLGTTGR	AGAP001653-PA	-	119	1.97E-11	1	1594.778	4.73	Malpighian tubule	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_87868	FCYHER	AGAP001653-PA	C2(Carbamidomethyl)	31	0.002782664	2	911.381	-1.61	Head	2R:+:7320605-7320622	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_88552	VWNVLQTNAAQTAALDVGYTPGVEAALEAQPK	AGAP001653-PA	-	74	2.55E-07	1	3325.718	3.37	Visceras	2R:+:7322112-7322207	exon=> In CDS Exon 4 of transcript AGAP001653-PA

JHU_Ag_89951	KGYIHNDQNIALIGPK	AGAP001653-PA	-	94	2.89E-09	1	1780.971	0.44	Salivary gland	2R:+:7321688-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_90956	LGSETLCTEQKFPTDGSGTDLR	AGAP001653-PA	C7(Carbamidomethyl)	155	4.38E-15	1	2412.139	1.62	Head	2R:+:7321511-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_91022	FASEVAGVDDLGTTGR	AGAP001653-PA	-	120	1.62E-11	2	1594.769	-0.86	Midgut	2R:+:7320983-7321030	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_92332	VAAVAGGLVDAESLVALKDLLNR	AGAP001653-PA	-	77	3.32E-08	1	2294.317	3.78	Ovary	2R:+:7321442-7321510	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_92443	ENDEINEEWLSDKSR	AGAP001653-PA	-	115	4.27E-11	1	1863.843	3.93	Malpighian tubule	2R:+:7321259-7321303	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_92548	DIANGHHPFAK	AGAP001653-PA	-	52	0.000104669	1	1206.602	0.21	Visceras	2R:+:7321870-7321902	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_93378	QRLIAPMLR	AGAP001653-PA	-	32	0.001735394	2	1097.664	2.6	Malpighian tubule	2R:+:7321328-7321354	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_94471	NPSGELEAVEWESALITIAQALR	AGAP001653-PA	-	59	1.11E-05	3	2497.299	2.2	Pupa	2R:+:7321355-7321423	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_96025	AQQTLVAVTPPGLAR	AGAP001653-PA	-	67	6.13E-07	1	1521.878	1.99	Head	2R:+:7322385-7322429	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_97087	SSYLLNSSIAACEEADLVLLVGTNPR	AGAP001653-PA	C12(Carbamidomethyl)	72	6.01E-07	2	2792.426	4.55	Visceras	2R:+:7321577-7321654	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_97323	VWNVLQTNAAQTAALDVGYTPGVEAALEAQPK	AGAP001653-PA	-	36	0.001664914	3	3325.727	6.3	Head	2R:+:7322112-7322207	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_97573	EDWKILR	AGAP001653-PA	-	37	0.003307112	1	959.533	2.6	Malpighian tubule	2R:+:7322430-7322450	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_99611	VLFLLGADAGVVDK	AGAP001653-PA	-	91	3.97E-09	1	1416.815	3.76	Visceras	2R:+:7322208-7322249	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_99962	FTDIHHTGKR	AGAP001653-PA	-	43	0.000552466	1	1211.628	-0.14	Midgut	2R:+:7320875-7320904	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_100151	LGSETLCTEQKFPTDGSGTDLR	AGAP001653-PA	C7(Carbamidomethyl)	106	3.85E-10	1	2412.130	-1.87	Midgut	2R:+:7321511-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_101410	VAAVAGGLVDAESLVALKDLLNR	AGAP001653-PA	-	26	0.005012272	1	2294.314	2.58	Pupa	2R:+:7321442-7321510	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_101559	LGSETLCTEQK	AGAP001653-PA	C7(Carbamidomethyl)	52	0.000105887	2	1265.605	0.91	Salivary gland	2R:+:7321511-7321543	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_101696	VLFLLGADAGVVDKEK	AGAP001653-PA	-	139	5.21E-14	1	1673.950	1.44	Visceras	2R:+:7322208-7322255	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_103807	AVEDKDIGPLIK	AGAP001653-PA	-	95	1.66E-09	1	1297.735	-0.77	Midgut	2R:+:7320905-7320940	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_104953	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	141	1.47E-13	1	2082.014	0.16	Male reproductive organs	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_105113	GYIHNDQNIALIGPK	AGAP001653-PA	-	99	1.29E-09	1	1652.877	0.66	Visceras	2R:+:7321691-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_105352	MEDIAPHLVR	AGAP001653-PA	M1(Oxidation)	65	4.22E-06	1	1196.615	4.4	Malpighian tubule	2R:+:7322514-7322543	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_107003	GNDMQIGTYVEK	AGAP001653-PA	M4(Oxidation)	46	0.000285972	2	1370.631	3.97	Ovary	2R:+:7321031-7321066	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_107813	FCYHER	AGAP001653-PA	C2(Carbamidomethyl)	30	0.004163794	2	911.383	0.33	Visceras	2R:+:7320605-7320622	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_108051	KGYIHNDQNIALIGPK	AGAP001653-PA	-	103	3.69E-10	1	1780.967	-2.24	Midgut	2R:+:7321688-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_109006	GNDMQIGTYVEK	AGAP001653-PA	M4(Oxidation)	89	1.77E-08	1	1354.633	1.79	Malpighian tubule	2R:+:7321031-7321066	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_109240	KDGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	85	2.98E-08	1	2319.205	3.18	Malpighian tubule	2R:+:7321960-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA

JHU_Ag_109658	KPLIIVGANQLAR	AGAP001653-PA	-	86	1.32E-09	1	1392.868	-0.56	Salivary gland	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_109691	FPTDGSGTDLR	AGAP001653-PA	-	55	3.96E-05	1	1165.548	-0.47	Head	2R:+:7321544-7321576	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_109867	NSSVQFDGGKVDVVQK	AGAP001653-PA	-	102	8.97E-10	1	1706.867	-2.34	Midgut	2R:+:7322598-7322645	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_110256	ENDEINEEWLSDKSR	AGAP001653-PA	-	99	1.42E-09	1	1863.838	1.38	Head	2R:+:7321259-7321303	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_110377	SPKPVAACAMPVMK	AGAP001653-PA	C8(Carbamidomethyl), M10(Oxidation), M13(Oxidation)	50	0.000169839	2	1518.751	2.28	Visceras	2R:+:7320671-7320712	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_110830	KDGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	148	1.58E-14	1	2319.207	3.73	Visceras	2R:+:7321960-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_111269	AQQTLVAVTPPGLAR	AGAP001653-PA	-	86	6.63E-09	2	1521.877	1.27	Visceras	2R:+:7322385-7322429	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_111593	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	124	3.90E-12	1	1623.862	-0.74	Midgut	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_112046	VAAVAGGLVDAESLVALK	AGAP001653-PA	-	102	1.69E-10	1	1682.972	2.09	Salivary gland	2R:+:7321442-7321495	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_112589	KPLIIVGANQLAR	AGAP001653-PA	N9(Deamidated), Q10(Deamidated)	99	6.04E-11	1	1392.871	1.46	Head	2R:+:7321921-7321959	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_112836	KPLIIVGANQLARK	AGAP001653-PA	-	24	0.000662356	1	1520.966	1.5	Head	2R:+:7321921-7321962	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_113752	DIANGHHPFAK	AGAP001653-PA	N4(Deamidated)	62	1.10E-05	1	1207.585	-0.4	Malpighian tubule	2R:+:7321870-7321902	exon=> In CDS Exon 3 of transcript AGAP001653-PA
JHU_Ag_114116	DGTSFLTALHVFANSLSPADK	AGAP001653-PA	-	78	2.16E-07	1	2191.110	3.23	Head	2R:+:7321963-7322022,7322100-7322102	exon=> In CDS Exon 3 and 4 of transcript AGAP001653-PA
JHU_Ag_114547	GYIHNDQNIALIGPK	AGAP001653-PA	-	90	9.02E-09	1	1652.875	-0.45	Pupa	2R:+:7321691-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_114727	ENDEINEEWLSDK	AGAP001653-PA	-	71	5.96E-07	2	1620.704	0.97	Pupa	2R:+:7321259-7321297	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_114834	KGYIHNDQNIALIGPK	AGAP001653-PA	-	117	1.25E-11	1	1780.973	1.23	Visceras	2R:+:7321688-7321735	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_114892	LEASNFFAIADALLK	AGAP001653-PA	N5(Deamidated)	77	1.56E-07	1	1623.872	5.58	Ovary	2R:+:7322553-7322597	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_115305	VLFLLGADAGVVDKEK	AGAP001653-PA	-	48	5.63E-05	1	1673.951	2.45	Salivary gland	2R:+:7322208-7322255	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_115522	KIESIDVLDALGSNIVVSTR	AGAP001653-PA	-	99	4.53E-10	2	2129.184	1.43	Head	2R:+:7321169-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_115730	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	75	4.65E-07	1	2016.031	1.26	Pupa	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_115769	VNLSYDYEHLGSDTSLIR	AGAP001653-PA	-	150	1.80E-14	1	2082.020	2.85	Malpighian tubule	2R:+:7321736-7321759,7321840-7321869	exon=> In CDS Exon 2 and 3 of transcript AGAP001653-PA
JHU_Ag_116125	LGSETLCTEQK	AGAP001653-PA	C7(Carbamidomethyl)	49	0.000183768	2	1265.607	2.45	Pupa	2R:+:7321511-7321543	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_116541	KIESIDVLDALGSNIVVSTR	AGAP001653-PA	-	150	3.53E-15	1	2129.187	2.69	Visceras	2R:+:7321169-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_117580	ALSEVAGAPLPYDTLDDLR	AGAP001653-PA	-	90	1.33E-08	1	2016.035	3.2	Head	2R:+:7322451-7322507	exon=> In CDS Exon 4 of transcript AGAP001653-PA
JHU_Ag_117663	NPSGELEAVEWESALITIAQALR	AGAP001653-PA	-	89	1.10E-08	1	2497.300	2.72	Visceras	2R:+:7321355-7321423	exon=> In CDS Exon 2 of transcript AGAP001653-PA
JHU_Ag_117698	KIESIDVLDALGSNIVVSTR	AGAP001653-PA	-	128	5.43E-13	1	2129.187	2.46	Midgut	2R:+:7321169-7321228	exon=> In CDS Exon 2 of transcript AGAP001653-PA

JHU_Ag_16616	DALAIIENLIINR	AGAP001655-PA	-	62	2.11E-06	1	1467.854	0.94	Ovary	2R:+:7325337-7325355,7325426-7325445	exon=> In CDS Exon 1 and 2 of transcript AGAP001655-PA
JHU_Ag_32380	LLQIVINANKT	AGAP001655-PA	Q3(Deamidated)	28	0.008613666	1	1227.720	-8.85	Midgut	2R:+:7326427-7326459	exon=> In CDS Exon 2 of transcript AGAP001655-PA
JHU_Ag_34199	AAESNNAVDEDGWVTVSK	AGAP001656-PA	-	58	2.22E-05	2	1891.875	4.3	Ovary	2R:-:7326797-7326744	exon=> In CDS Exon 2 of transcript AGAP001656-PA
JHU_Ag_66355	SINALHTEERPLLTGVDK	AGAP001656-PA	-	94	2.56E-09	1	1993.076	2.36	Ovary	2R:-:7326953-7326900	exon=> In CDS Exon 2 of transcript AGAP001656-PA
JHU_Ag_1365	HVDLTKPESIEYLGNLIQSNPDSVNSR	AGAP001657-PA	Q18(Deamidated),N25(Deamidated)	137	2.17E-13	1	3025.525	0.92	Pupa	2R:-:7536040-7535960	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_1461	FETVKVDK	AGAP001657-PA	-	58	1.43E-05	1	965.531	0.26	Larva	2R:-:7535737-7535714	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_1760	VLPGVLEHYETSLRDPMFYQLYK	AGAP001657-PA	M17(Oxidation)	83	5.37E-08	1	2814.423	2.04	Pupa	2R:-:7535887-7535819	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_3315	IAHYQGEDFVIK	AGAP001657-PA	-	99	2.03E-09	1	1419.733	4.38	Larva	2R:-:7535605-7535570	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_3487	GELYLFK	AGAP001657-PA	-	35	0.001824686	2	869.479	2.42	Larva	2R:-:7536325-7536305	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_4528	QMLEVFQHVHQHEVHTELWEVSK	AGAP001657-PA	M2(Oxidation)	91	1.25E-08	1	2886.402	0.77	Larva	2R:-:7536970-7536902	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_5204	IIQWYWEFK	AGAP001657-PA	-	74	5.29E-07	2	1312.675	1.97	Pupa	2R:-:7535815-7535789	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_6243	VLPGVLEHYETSLRDPMFYQLYK	AGAP001657-PA	M17(Oxidation)	98	1.67E-09	1	2814.434	5.88	Larva	2R:-:7535887-7535819	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_7024	VDKLVTYFDR	AGAP001657-PA	-	64	3.58E-06	1	1255.673	4.16	Larva	2R:-:7535722-7535693	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_8946	DNYYEVYTPEHYEDVEEVVEYEHR	AGAP001657-PA	-	198	6.37E-20	1	3106.321	-0.65	Pupa	2R:-:7536160-7536089	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_10670	VWFTPNMYYLDTMIFHK	AGAP001657-PA	M7(Oxidation), M13(Oxidation)	54	5.08E-05	2	2238.042	0.95	Larva	2R:-:7535029-7534979	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_10851	ILLGGSIEHFENHK	AGAP001657-PA	N12(Deamidated)	86	2.81E-08	1	1593.843	3.04	Larva	2R:-:7535929-7535888	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_14522	RGELYLFK	AGAP001657-PA	-	38	0.000719932	1	1025.578	0.28	Pupa	2R:-:7536328-7536305	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_16656	VLPGVLEHYETSLR	AGAP001657-PA	-	113	4.69E-11	1	1612.875	3.2	Pupa	2R:-:7535887-7535846	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_18692	HQQLLAR	AGAP001657-PA	-	36	0.001250292	2	865.503	3.46	Larva	2R:-:7536304-7536284	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_19935	ENFVLLDTFEWEFK	AGAP001657-PA	-	108	2.67E-10	1	1816.883	1.89	Pupa	2R:-:7535425-7535384	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_25043	LVTYFDR	AGAP001657-PA	-	44	0.000251139	2	913.481	3.28	Larva	2R:-:7535713-7535693	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_25046	AYDIEQHYDQYSNVEAVKEFVTLYK	AGAP001657-PA	-	143	6.81E-14	1	3052.461	1.01	Pupa	2R:-:7536901-7536827	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_26524	SDADITNAVDVEVFDESSMK	AGAP001657-PA	M19(Oxidation)	128	1.36E-12	2	2187.963	1.38	Pupa	2R:-:7535692-7535633	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_27567	DLAGLELPAPYEIYPYYFFNTEVVQK	AGAP001657-PA	-	124	4.20E-12	1	3079.539	1.55	Pupa	2R:-:7536631-7536554	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_28118	VLPGVLEHYETSLR	AGAP001657-PA	-	113	4.16E-11	1	1612.877	4.49	Larva	2R:-:7535887-7535846	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_29426	VDKLVTYFDR	AGAP001657-PA	-	52	6.13E-05	1	1255.667	-0.95	Pupa	2R:-:7535722-7535693	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_30609	IREAIDLGYIVLPDGR	AGAP001657-PA	-	111	3.61E-11	1	1800.010	4.75	Larva	2R:-:7536088-7536041	exon=> In CDS Exon 1 of transcript AGAP001657-PA

JHU_Ag_31234	QMLEVFQHVHQHEVHTELWEVSK	AGAP001657-PA	M2(Oxidation)	101	1.28E-09	1	2870.405	0.37	Pupa	2R:-:7536970-7536902	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_31293	VTYADKDFLVK	AGAP001657-PA	-	75	3.11E-07	1	1298.699	-0.18	Pupa	2R:-:7537009-7536977	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_31884	IIQWYWEFK	AGAP001657-PA	-	75	3.83E-07	2	1312.681	6.43	Larva	2R:-:7535815-7535789	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_31886	WVMDAYNGKR	AGAP001657-PA	N7(Deamidated)	64	5.04E-06	1	1240.578	-0.14	Pupa	2R:-:7535299-7535270	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_33590	EAIDLGYIVLPDGR	AGAP001657-PA	-	87	2.30E-08	1	1530.820	2.41	Pupa	2R:-:7536082-7536041	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_38148	YDQYGHAYGVNENR	AGAP001657-PA	N11(Deamidated),Q3(Deamidated)	126	1.80E-12	1	1685.727	-2.12	Pupa	2R:-:7535467-7535426	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_38210	MQGFPGVK	AGAP001657-PA	M1(Oxidation)	39	0.001370268	2	879.438	-1.02	Pupa	2R:-:7536538-7536515	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_38647	IIQWYWEFKDHLQPYTK	AGAP001657-PA	-	51	0.000116835	1	2295.164	1.83	Pupa	2R:-:7535815-7535765	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_39317	SDADITNAVDVEVFDESSMK	AGAP001657-PA	N7(Deamidated),M19(Oxidation),M19(Oxidation)	159	1.02E-15	1	2187.967	3.3	Larva	2R:-:7535692-7535633	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_39628	LVTYFDR	AGAP001657-PA	-	42	0.000416432	1	913.477	-1.19	Pupa	2R:-:7535713-7535693	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_42493	TPYFELYK	AGAP001657-PA	-	53	8.52E-05	1	1060.536	0.55	Pupa	2R:-:7535323-7535300	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_43115	EELTFGELKFETVK	AGAP001657-PA	-	89	1.68E-08	1	1669.871	1.49	Pupa	2R:-:7535764-7535723	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_43202	IREAIDLGYIVLPDGR	AGAP001657-PA	-	104	2.41E-10	1	1800.002	0.48	Pupa	2R:-:7536088-7536041	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_43254	HGLLPFDEIFSVFDDHHR	AGAP001657-PA	-	82	1.13E-07	1	2181.051	-0.06	Pupa	2R:-:7536826-7536773	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_47182	HVDLTKPESIEYLGNLIQSNPDSVNSR	AGAP001657-PA	-	152	7.35E-15	1	3025.539	5.34	Larva	2R:-:7536040-7535960	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_50877	GELYLFK	AGAP001657-PA	-	47	0.000113051	1	869.477	0.11	Pupa	2R:-:7536325-7536305	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_51444	AYDIEQHYDQYSNVEAVK	AGAP001657-PA	-	143	6.93E-14	1	2171.989	0.35	Pupa	2R:-:7536901-7536848	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_52896	LNHMPFTVEYSVVAEKPIK	AGAP001657-PA	M4(Oxidation)	78	1.37E-07	1	2218.166	3.57	Larva	2R:-:7535554-7535498	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_55621	MQGFPGVK	AGAP001657-PA	M1(Oxidation)	52	6.86E-05	2	879.443	4.05	Larva	2R:-:7536538-7536515	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_59735	YDQYGHAYGVNENR	AGAP001657-PA	-	103	4.09E-10	1	1685.735	3.02	Larva	2R:-:7535467-7535426	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_60327	YVGWFAR	AGAP001657-PA	-	45	0.000289697	1	898.458	0.94	Pupa	2R:-:7535950-7535930	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_60820	ENFVLLDTFEWEFK	AGAP001657-PA	-	64	6.05E-06	2	1816.888	5.04	Larva	2R:-:7535425-7535384	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_61554	ILLGGSIEHFENHK	AGAP001657-PA	N12(Deamidated)	87	1.97E-08	1	1593.840	0.99	Pupa	2R:-:7535929-7535888	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_62485	EQAIALFHLFYYAK	AGAP001657-PA	-	98	1.87E-09	1	1713.909	5.55	Pupa	2R:-:7536772-7536731	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_62880	IIQWYWEFKDHLQPYTK	AGAP001657-PA	-	57	2.61E-05	1	2295.169	3.96	Larva	2R:-:7535815-7535765	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_63333	VTYADKDFLVK	AGAP001657-PA	-	71	6.98E-07	1	1298.704	3.39	Larva	2R:-:7537009-7536977	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_64858	QGQNVFVR	AGAP001657-PA	-	44	0.000737655	1	947.507	1.1	Larva	2R:-:7535383-7535360	exon=> In CDS Exon 1 of transcript AGAP001657-PA

JHU_Ag_66216	GGMPFQLYFIVSPYHAPAVPQHEGYDYTLNCGVASGAR	AGAP001657-PA	M3(Oxidation), C31(Carbamidomethyl)	84	3.69E-08	1	4185.959	0.09	Pupa	2R:-:7535197-7535084	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_68181	LSNDLGTIPEFSWFKPIVTGYYPNMHYYNGVSFPSR	AGAP001657-PA	M25(Oxidation), N29(Deamidated),M25(Oxidation),"N24(Deamidated), M25(Oxidation)"	90	1.27E-08	1	4213.029	2.94	Larva	2R:-:7536268-7536161	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_71713	ESTQFPLYVQDR	AGAP001657-PA	-	82	1.03E-07	1	1482.729	4.42	Larva	2R:-:7535359-7535324	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_71803	HGLLPFDEIFSVFDDHHR	AGAP001657-PA	-	117	3.15E-11	1	2181.063	5.43	Larva	2R:-:7536826-7536773	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_74382	QGQNVFVR	AGAP001657-PA	-	55	6.04E-05	2	947.505	-0.64	Pupa	2R:-:7535383-7535360	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_75365	HQQLLAR	AGAP001657-PA	-	39	0.000774026	1	865.500	-0.35	Pupa	2R:-:7536304-7536284	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_82745	EELTFGELK	AGAP001657-PA	-	51	0.000135025	1	1065.546	-0.17	Pupa	2R:-:7535764-7535738	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_83968	KGGMPFQLYFIVSPYHAPAVPQHEGYDYTLNCGVASGAR	AGAP001657-PA	M4(Oxidation), C32(Carbamidomethyl)	105	3.38E-10	1	4314.051	-0.53	Pupa	2R:-:7535200-7535084	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_85181	YIDSLPFGYPFDRPIDEK	AGAP001657-PA	-	80	1.41E-07	1	2172.075	4.88	Larva	2R:-:7535083-7535030	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_86270	QFPLDMTEAHCGFPSR	AGAP001657-PA	M6(Oxidation), C11(Carbamidomethyl)	54	3.39E-05	1	1908.843	3.33	Larva	2R:-:7535269-7535222	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_86649	QFPLDMTEAHCGFPSR	AGAP001657-PA	M6(Oxidation), C11(Carbamidomethyl)	78	1.42E-07	1	1908.838	0.83	Pupa	2R:-:7535269-7535222	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_92649	AYDIEQHYDQYSNVEAVK	AGAP001657-PA	-	134	5.02E-13	1	2171.996	3.61	Larva	2R:-:7536901-7536848	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_94562	DPMFYQLYK	AGAP001657-PA	M3(Oxidation)	56	3.27E-05	1	1220.571	4.05	Larva	2R:-:7535845-7535819	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_97800	DHLQPYTKEELTFGELK	AGAP001657-PA	-	114	4.76E-11	1	2048.046	5.89	Larva	2R:-:7535788-7535738	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_101324	YVGWFAR	AGAP001657-PA	-	36	0.001915278	1	898.459	2.7	Larva	2R:-:7535950-7535930	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_101862	DHLQPYTK	AGAP001657-PA	-	40	0.001277236	1	1001.504	-0.71	Pupa	2R:-:7535788-7535765	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_105052	DPMFYQLYK	AGAP001657-PA	-	38	0.00197056	2	1204.574	2.93	Pupa	2R:-:7535845-7535819	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_105219	DHLQPYTK	AGAP001657-PA	-	48	0.000175073	1	1001.509	3.94	Larva	2R:-:7535788-7535765	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_105251	EELTFGELKFETVK	AGAP001657-PA	-	83	7.04E-08	1	1669.875	3.97	Larva	2R:-:7535764-7535723	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_105276	TPYFELYK	AGAP001657-PA	-	50	0.000208944	1	1060.539	4.11	Larva	2R:-:7535323-7535300	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_105496	YIDSLPFGYPFDRPIDEK	AGAP001657-PA	-	90	1.66E-08	1	2172.071	2.86	Pupa	2R:-:7535083-7535030	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_106432	EFVTLYK	AGAP001657-PA	-	34	0.002750034	2	899.487	-0.24	Pupa	2R:-:7536847-7536827	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_110909	DHLQPYTKEELTFGELK	AGAP001657-PA	-	86	3.32E-08	1	2048.033	-0.19	Pupa	2R:-:7535788-7535738	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_113472	EELTFGELK	AGAP001657-PA	-	50	0.000130896	1	1065.550	3.5	Larva	2R:-:7535764-7535738	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_113491	IAHYQGEDFVIK	AGAP001657-PA	-	106	4.27E-10	1	1419.727	-0.09	Pupa	2R:-:7535605-7535570	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_113673	FETVKVDK	AGAP001657-PA	-	49	0.00011298	1	965.530	0.05	Pupa	2R:-:7535737-7535714	exon=> In CDS Exon 1 of transcript AGAP001657-PA

JHU_Ag_114721	EAIDLGYIVLPDGR	AGAP001657-PA	-	81	8.67E-08	1	1530.823	4.69	Larva	2R:-:7536082-7536041	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_115937	ESTQFPLYVQDR	AGAP001657-PA	Q4(Deamidated)	77	2.56E-07	1	1482.725	1.78	Pupa	2R:-:7535359-7535324	exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_85177	DLTGQFQCEVSEDAPLFHTDIR	AGAP001658-PA	C8(Carbamidomethyl)	61	1.04E-05	3	2578.196	2.99	Head	2R:+:7548542-7548607	exon=> In CDS Exon 3 of transcript AGAP001658-PA
JHU_Ag_1916	TTYFDLYK	AGAP001659-PA	-	47	0.000336292	1	1050.514	-0.04	Pupa	2R:+:7553932-7553955	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_3030	YETAMRDPVFYQFFK	AGAP001659-PA	M5(Oxidation)	86	3.48E-08	1	1957.923	3.91	Larva	2R:+:7553392-7553436	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_3043	VIGFYYR	AGAP001659-PA	-	48	0.000260128	2	917.491	3.31	Larva	2R:+:7553440-7553460	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_3367	FPLDMSEAHCGFPAR	AGAP001659-PA	M5(Oxidation), C10(Carbamidomethyl)	40	0.000990703	2	1750.776	4.64	Larva	2R:+:7553989-7554033	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_12325	AMLEIFQHVHQPELHTHLWDDQK	AGAP001659-PA	M2(Oxidation)	133	7.32E-13	1	2868.395	2.1	Larva	2R:+:7552288-7552356	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_12339	DWDTFYK	AGAP001659-PA	-	44	0.000204287	1	974.428	3.09	Larva	2R:+:7552528-7552548	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_12709	NSQDFSWFVK	AGAP001659-PA	N1(Deamidated)	59	1.38E-05	2	1257.594	3.28	Larva	2R:+:7553896-7553925	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_13144	YGLLPMEEIFSVYNEYHR	AGAP001659-PA	M6(Oxidation)	85	4.72E-08	1	2276.080	4.87	Larva	2R:+:7552432-7552485	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_15901	HDVVQEITDYERR	AGAP001659-PA	-	81	1.05E-07	1	1659.809	0.21	Pupa	2R:+:7553128-7553166	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_16388	RGEFYLYQHQQFLAR	AGAP001659-PA	-	61	1.30E-05	1	1955.989	0.65	Pupa	2R:+:7552930-7552974	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_16599	GGMPFQFFFMIAPYHAPEVER	AGAP001659-PA	M3(Oxidation), M10(Oxidation)	94	5.06E-09	1	2503.170	5.09	Larva	2R:+:7554058-7554120	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_18674	LNVVSDKPQK	AGAP001659-PA	-	77	1.60E-07	1	1127.646	3.8	Larva	2R:+:7553728-7553757	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_20070	HDVVQEITDYER	AGAP001659-PA	-	109	1.94E-10	1	1503.713	3.56	Larva	2R:+:7553128-7553163	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_20115	YKMQGFYR	AGAP001659-PA	M3(Oxidation)	40	0.001339176	1	1108.528	3.31	Larva	2R:+:7552714-7552737	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_21074	LSNDLGTIPTFSWYEPIVTGYYPYLR	AGAP001659-PA	-	87	2.18E-08	2	3065.544	4.78	Larva	2R:+:7552990-7553067	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_24537	YGLLPMEEIFSVYNEYHR	AGAP001659-PA	M6(Oxidation)	73	8.33E-07	1	2260.078	1.81	Pupa	2R:+:7552432-7552485	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_24795	AVVLVFLGPK	AGAP001659-PA	-	77	2.58E-08	1	1042.668	1.59	Pupa	2R:+:7553758-7553787	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_27144	YKMQGFYR	AGAP001659-PA	M3(Oxidation)	40	0.001359992	1	1108.525	0.78	Pupa	2R:+:7552714-7552737	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_27937	YLDTLPSYKYDEINFPGVK	AGAP001659-PA	-	106	3.31E-10	1	2262.147	6.14	Larva	2R:+:7553461-7553517	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_34179	KGGMPFQFFFMIAPYHAPEVER	AGAP001659-PA	M4(Oxidation), M11(Oxidation)	68	2.57E-06	1	2631.261	3.21	Larva	2R:+:7554055-7554120	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_35186	EHFTKPQVVEEFLR	AGAP001659-PA	-	115	4.31E-11	1	1758.919	1.03	Pupa	2R:+:7552381-7552422	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_37763	VIGFYYR	AGAP001659-PA	-	47	0.000352383	2	917.488	-0.35	Pupa	2R:+:7553440-7553460	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_39072	ENYHNGYTEKHDVVQEITDYER	AGAP001659-PA	N5(Deamidated)	163	4.94E-16	1	2740.225	4.65	Larva	2R:+:7553098-7553163	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_39326	AMLEIFQHVHQPELHTHLWDDQK	AGAP001659-PA	M2(Oxidation)	68	2.16E-06	1	2852.399	1.85	Pupa	2R:+:7552288-7552356	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_42351	AFDLAAYKEHFTKPQVVEEFLR	AGAP001659-PA	-	141	7.15E-14	1	2638.378	4.36	Larva	2R:+:7552357-7552422	exon=> In CDS Exon 1 of transcript AGAP001659-PA

JHU_Ag_42534	AVPSVLER	AGAP001659-PA	-	52	3.36E-05	2	870.502	-3.17	Pupa	2R:+:7553368-7553391	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_42536	AFDLAAYK	AGAP001659-PA	-	56	2.25E-05	1	898.468	1.41	Pupa	2R:+:7552357-7552380	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_44236	ENFFQLDHFLVDLVAGENAITR	AGAP001659-PA	-	106	3.56E-10	1	2548.288	1.87	Pupa	2R:+:7553830-7553895	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_45024	QVMQAYNGDYKFPLDMSEAHCGFPAR	AGAP001659-PA	M3(Oxidation), M16(Oxidation), C21(Carbamidomethyl)," M16(Oxidation), C21(Carbamidomethyl)"," M3(Oxidation), N7(Deamidated), M16(Oxidation), C21(Carbamidomethyl)"	82	4.21E-08	1	3064.344	1.68	Larva	2R:+:7553956-7554033	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_46053	AVPSVLER	AGAP001659-PA	-	43	0.000329438	2	870.505	0.9	Larva	2R:+:7553368-7553391	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_46125	YETAMRDPVFYQFFK	AGAP001659-PA	M5(Oxidation)	83	6.89E-08	1	1941.926	2.73	Pupa	2R:+:7553392-7553436	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_50233	YYNGVPFPAR	AGAP001659-PA	N3(Deamidated)	50	0.000110505	1	1184.573	-0.81	Pupa	2R:+:7553068-7553097	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_54717	KGGMPFQFFFMIAPYHAPEVER	AGAP001659-PA	M4(Oxidation), M11(Oxidation)	72	9.82E-07	1	2631.255	1.08	Pupa	2R:+:7554055-7554120	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_54720	YDEINFPGVK	AGAP001659-PA	-	69	1.98E-06	1	1181.585	1.16	Pupa	2R:+:7553488-7553517	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_54942	YADKPFLEK	AGAP001659-PA	-	61	1.12E-05	1	1110.582	-0.87	Pupa	2R:+:7552255-7552281	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_56832	YLDTLPSYK	AGAP001659-PA	-	55	2.85E-05	2	1099.567	-0.07	Pupa	2R:+:7553461-7553487	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_57121	ENFFQLDHFLVDLVAGENAITR	AGAP001659-PA	-	98	2.00E-09	1	2548.296	4.88	Larva	2R:+:7553830-7553895	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_57747	TMVWAR	AGAP001659-PA	M2(Oxidation)	44	0.000523055	2	779.388	1.45	Larva	2R:+:7552549-7552566	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_58606	FYGYLEK	AGAP001659-PA	-	42	0.001060265	1	919.456	-0.37	Pupa	2R:+:7553296-7553316	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_59501	FFLGGSFEMFNEFR	AGAP001659-PA	M9(Oxidation),"M9(Oxidation), N11(Deamidated)"	125	3.54E-12	1	1743.796	7.12	Larva	2R:+:7553326-7553367	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_64754	LSNDLGTIPTFSWYEPIVTGYYPYLR	AGAP001659-PA	-	88	1.96E-08	1	3065.530	0.18	Pupa	2R:+:7552990-7553067	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_66996	YYNGVPFPAR	AGAP001659-PA	N3(Deamidated)	49	0.000155 61	2	1184.578	4.03	Larva	2R:+:7553068-7553097	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_68060	YADKPFLEK	AGAP001659-PA	-	46	0.000309798	1	1110.587	3.98	Larva	2R:+:7552255-7552281	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_70264	LNHLPFSFK	AGAP001659-PA	-	56	3.55E-05	1	1102.607	2.16	Larva	2R:+:7553701-7553727	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_70448	EHFTKPQVVEEFLR	AGAP001659-PA	-	79	1.61E-07	1	1758.928	6.17	Larva	2R:+:7552381-7552422	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_73829	LNHLPFSFK	AGAP001659-PA	N2(Deamidated)	73	8.75E-07	1	1102.605	0.76	Pupa	2R:+:7553701-7553727	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_74278	YIDALPFGYPFNR	AGAP001659-PA	-	87	2.90E-08	1	1572.789	2.49	Pupa	2R:+:7554172-7554210	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_75605	MAHYQGEDFVLYAR	AGAP001659-PA	M1(Oxidation)	108	2.44E-10	1	1715.795	6.14	Larva	2R:+:7553650-7553691	exon=> In CDS Exon 1 of transcript AGAP001659-PA

JHU_Ag_75846	MAHYQGEDFVLYAR	AGAP001659-PA	M1(Oxidation)	105	4.42E-10	1	1715.786	0.73	Pupa	2R:+:7553650-7553691	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_77098	YDQYGNAYSVNANR	AGAP001659-PA	N6(Deamidated),N11(Deamidated)	107	2.09E-10	1	1634.723	2.02	Larva	2R:+:7553788-7553829	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_77453	GEFYLYQHQQFLAR	AGAP001659-PA	-	84	5.89E-08	1	1799.896	5.14	Larva	2R:+:7552933-7552974	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_79457	AFDLAAYK	AGAP001659-PA	-	53	4.52E-05	1	898.471	4.61	Larva	2R:+:7552357-7552380	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_80139	YLDTLPSYKYDEINFPGVK	AGAP001659-PA	-	151	1.23E-14	1	2262.135	0.96	Pupa	2R:+:7553461-7553517	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_82665	ENYHNGYTEKHDVVQEITDYER	AGAP001659-PA	N5(Deamidated),N2(Deamidated)	176	1.95E-17	1	2740.215	1.04	Pupa	2R:+:7553098-7553163	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_85811	AFDLAAYKEHFTKPQVVEEFLR	AGAP001659-PA	-	174	4.08E-17	1	2638.372	1.93	Pupa	2R:+:7552357-7552422	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_86871	FFLGGSFEMFNEFR	AGAP001659-PA	M9(Oxidation)	111	7.19E-11	1	1743.784	0.47	Pupa	2R:+:7553326-7553367	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_87471	DPVFYQFFK	AGAP001659-PA	-	75	5.58E-07	1	1190.593	4.06	Larva	2R:+:7553410-7553436	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_88735	RGEFYLYQHQQFLAR	AGAP001659-PA	-	50	0.000128 89	1	1955.996	4.2	Larva	2R:+:7552930-7552974	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_88915	RFYGYLEK	AGAP001659-PA	-	40	0.001716 326	1	1075.558	0.5	Pupa	2R:+:7553293-7553316	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_89206	FTGYDQTLSCGVGSGAR	AGAP001659-PA	C10(Carbamidomethyl)	122	7.99E-12	1	1775.803	0.49	Pupa	2R:+:7554121-7554171	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_90888	RVIGFYYR	AGAP001659-PA	-	44	0.000753 836	1	1073.589	-0.17	Pupa	2R:+:7553437-7553460	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_91351	GEFYLYQHQQFLAR	AGAP001659-PA	-	110	1.39E-10	1	1799.891	2.57	Pupa	2R:+:7552933-7552974	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_93635	AVVLVFLGPK	AGAP001659-PA	-	77	2.62E-08	1	1042.671	4.4	Larva	2R:+:7553758-7553787	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_95185	DWDTFYK	AGAP001659-PA	-	45	0.000129 131	1	974.424	-1.29	Pupa	2R:+:7552528-7552548	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_97535	YDQYGNAYSVNANR	AGAP001659-PA	N6(Deamidated),N13(Deamidated),N11(Deamidated)	109	1.16E-10	1	1634.717	-1.34	Pupa	2R:+:7553788-7553829	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_100448	FTGYDQTLSCGVGSGAR	AGAP001659-PA	C10(Carbamidomethyl)	115	3.43E-11	1	1775.807	3.1	Larva	2R:+:7554121-7554171	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_100559	LNVVSDKPQK	AGAP001659-PA	-	79	1.17E-07	1	1127.643	1.14	Pupa	2R:+:7553728-7553757	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_101438	YIDALPFGYPFNR	AGAP001659-PA	-	83	7.58E-08	1	1572.792	4.58	Larva	2R:+:7554172-7554210	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_101539	DPVFYQFFK	AGAP001659-PA	-	75	5.00E-07	1	1190.591	2.01	Pupa	2R:+:7553410-7553436	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_105839	MQGFYR	AGAP001659-PA	-	31	0.003601 265	1	801.370	-1.13	Pupa	2R:+:7552720-7552737	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_107332	NSQDFSWFVKDR	AGAP001659-PA	-	71	1.18E-06	1	1528.717	-0.5	Pupa	2R:+:7553896-7553931	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_107427	YLDTLPSYK	AGAP001659-PA	-	43	0.000436 532	1	1099.571	3.77	Larva	2R:+:7553461-7553487	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_107461	YIDALPFGYPFNRK	AGAP001659-PA	-	76	3.35E-07	1	1700.885	3.16	Pupa	2R:+:7554172-7554213	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_107762	EQAVALFHLFYYAK	AGAP001659-PA	-	45	0.000427 775	1	1699.882	-1.18	Pupa	2R:+:7552486-7552527	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_109568	YDEINFPGVK	AGAP001659-PA	-	65	4.77E-06	1	1181.589	4.42	Larva	2R:+:7553488-7553517	exon=> In CDS Exon 1 of transcript AGAP001659-PA

JHU_Ag_113343	HDVVQEITDYER	AGAP001659-PA	-	110	1.32E-10	1	1503.709	1.21	Pupa	2R:+:7553128-7553163	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_116392	NSQDFSWFVK	AGAP001659-PA	N1(Deamidated)	73	4.73E-07	1	1258.576	1.72	Pupa	2R:+:7553896-7553925	exon=> In CDS Exon 1 of transcript AGAP001659-PA
JHU_Ag_18932	FHVNEGMFVYAVTVAVLHR	AGAP001659-PA,AGAP001657-PA	M7(Oxidation)	141	8.36E-14	1	2205.143	6.96	Larva	2R:+:7552567-7552623;2R:-:7536691-7536635	exon=> In CDS Exon 1 of transcript AGAP001659-PA;exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_22119	EYGLYKDR	AGAP001659-PA,AGAP001657-PA	-	53	4.59E-05	1	1043.514	-1.28	Pupa	2R:+:7552906-7552929;2R:-:7536352-7536329	exon=> In CDS Exon 1 of transcript AGAP001659-PA;exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_25458	FHVNEGMFVYAVTVAVLHR	AGAP001659-PA,AGAP001657-PA	M7(Oxidation)	36	0.002849 61	1	2205.130	1.28	Pupa	2R:+:7552567-7552623;2R:-:7536691-7536635	exon=> In CDS Exon 1 of transcript AGAP001659-PA;exon=> In CDS Exon 1 of transcript AGAP001657-PA
JHU_Ag_17979	LKEALCLAR	AGAP001660-PA	C6(Carbamidomethyl)	35	0.005547 169	1	1073.599	-14.04	Malpighian tubule	2R:+:7574089-7574115	exon=> In CDS Exon 6 of transcript AGAP001660-PA
JHU_Ag_29145	FLNQNVSLAQLDEK	AGAP001660-PA	-	47	0.000304 038	2	1618.845	0.89	Male reproductive organs	2R:+:7582687-7582728	exon=> In CDS Exon 24 of transcript AGAP001660-PA
JHU_Ag_36422	IVLAEQTSKEIDQLR	AGAP001660-PA	Q6(Deamidated), Q13(Deamidated)	38	0.001992 36	1	1744.915	-10.36	Head	2R:+:7599902-7599946	exon=> In CDS Exon 57 of transcript AGAP001660-PA
JHU_Ag_40502	VLVEPLPVLSIVPIETHR	AGAP001660-PA	-	26	0.001423 517	1	2011.194	-0.37	Male reproductive organs	2R:+:7606598-7606651	exon=> In CDS Exon 66 of transcript AGAP001660-PA
JHU_Ag_67265	IVLAEQTSKEIDQLR	AGAP001660-PA	Q6(Deamidated), Q13(Deamidated)	37	0.002705 303	1	1744.912	-11.9	Male reproductive organs	2R:+:7599902-7599946	exon=> In CDS Exon 57 of transcript AGAP001660-PA
JHU_Ag_87369	AAVDILK	AGAP001660-PA	-	40	0.001506 396	1	729.451	0.92	Ovary	2R:+:7603536-7603556	exon=> In CDS Exon 63 of transcript AGAP001660-PA
JHU_Ag_94353	TPVYTTSER	AGAP001660-PA	-	41	0.000998 449	1	1053.521	-0.32	Male reproductive organs	2R:+:7607224-7607250	exon=> In CDS Exon 67 of transcript AGAP001660-PA
JHU_Ag_108926	AAVDILK	AGAP001660-PA	-	41	0.000405 282	1	729.450	-1.42	Midgut	2R:+:7603536-7603556	exon=> In CDS Exon 63 of transcript AGAP001660-PA
JHU_Ag_111799	IVLAEQTSKEIDQLR	AGAP001660-PA	Q6(Deamidated), Q13(Deamidated)	38	0.001740 108	1	1744.913	-11.13	Salivary gland	2R:+:7599902-7599946	exon=> In CDS Exon 57 of transcript AGAP001660-PA
JHU_Ag_114107	IVLAEQTSKEIDQLR	AGAP001660-PA	Q6(Deamidated), Q13(Deamidated)	36	0.003509 698	1	1744.910	-13.3	Visceras	2R:+:7599902-7599946	exon=> In CDS Exon 57 of transcript AGAP001660-PA
JHU_Ag_498	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	94	4.18E-09	1	1976.884	-0.41	Midgut	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_670	CPAGGYPKPIVTWWR	AGAP001662-PA	C1(Carbamidomethyl)	89	2.15E-08	1	1787.914	4.94	Visceras	2R:-:7611620-7611576	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_952	IHITDAHQLMVFGAIPSDTGR	AGAP001662-PA	M10(Oxidation)	110	1.38E-10	2	2295.156	0.29	Head	2R:-:7610967-7610905	exon=> In CDS Exon 17 of transcript AGAP001662-PA
JHU_Ag_1142	IHITDAHQLMVFGAIPSDTGR	AGAP001662-PA	M10(Oxidation)	45	0.000480 068	1	2295.162	3	Ovary	2R:-:7610967-7610905	exon=> In CDS Exon 17 of transcript AGAP001662-PA
JHU_Ag_1417	NVGVNYEYSVSSK	AGAP001662-PA	-	44	0.000575 61	2	1445.692	0.67	Male reproductive organs	2R:-:7620223-7620185	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_1820	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	124	4.47E-12	1	1740.795	0.8	Male reproductive organs	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_2797	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	45	0.000435 881	1	2201.088	0.6	Larva	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_3254	YGCCPDGVSEAQGSKFEGCTAVPESPQK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), C19(Carbamidomethyl)	46	0.000137 568	1	3045.310	2.54	Malpighian tubule	2R:-:7616454-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_3342	YGCCPDGVSEAQGSK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	72	1.76E-07	1	1614.653	0.33	Salivary gland	2R:-:7616454-7616410	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_3619	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	107	2.21E-10	1	1976.886	0.83	Visceras	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_3996	CCQAGCALICISPVDR	AGAP001662-PA	C1(Carbamidomethyl), C2(Carbamidomethyl), C6(Carbamidomethyl), C10(Carbamidomethyl)	46	0.000227782	2	1879.829	0.35	Visceras	2R:-:7612486-7612439	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_4125	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	79	5.49E-08	1	1448.618	4.55	Larva	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_4664	LEDLGPYVCQAYSGAGK	AGAP001662-PA	C9(Carbamidomethyl)	118	2.41E-11	2	1827.868	5.59	Head	2R:-:7611509-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_4819	HFFDVEYGGCGR	AGAP001662-PA	C10(Carbamidomethyl)	65	1.37E-06	1	1443.617	4.19	Larva	2R:-:7616319-7616284	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_5353	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	125	4.24E-12	1	2201.081	-2.48	Head	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_5607	APVDVDVR	AGAP001662-PA	-	51	5.95E-05	2	870.467	-1.06	Salivary gland	2R:-:7614132-7614109	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_5812	HGCCPDGVSPAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	67	1.14E-06	1	1284.549	2.69	Malpighian tubule	2R:-:7617321-7617286	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_5986	GPHNQGCHCTHSEFK	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	60	2.72E-06	1	1795.735	-2.38	Head	2R:-:7616568-7616524	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_6092	QQCSEFNDVPFEGHR	AGAP001662-PA	C3(Carbamidomethyl)	37	0.000927345	1	1849.785	-3.71	Salivary gland	2R:-:7620820-7620776	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_6384	ASVDRPTGGQPGVPGPTVLEEVPQEELDIK	AGAP001662-PA	-	77	1.66E-07	1	3114.595	-0.03	Midgut	2R:-:7612438-7612349	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_6553	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	92	2.57E-09	1	1448.611	-0.25	Midgut	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_6707	IHITDAHQLMVFGAIPSDTGR	AGAP001662-PA	M10(Oxidation)	70	1.42E-06	1	2295.165	4.36	Visceras	2R:-:7610967-7610905	exon=> In CDS Exon 17 of transcript AGAP001662-PA
JHU_Ag_7020	HGCCPDGTTEAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	39	0.000203446	2	1332.529	-1.53	Salivary gland	2R:-:7617135-7617100	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_7204	SSLKEVDEGLCNLGEKPPTTQK	AGAP001662-PA	C11(Carbamidomethyl)	67	2.42E-06	1	2430.233	5.89	Larva	2R:-:7620070-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_7415	SCTLAGQINVNNR	AGAP001662-PA	C2(Carbamidomethyl)	85	5.23E-08	2	1446.713	0.76	Head	2R:-:7610641-7610603	exon=> In CDS Exon 18 of transcript AGAP001662-PA
JHU_Ag_7754	IEDDVCLEQVGNKPATER	AGAP001662-PA	C6(Carbamidomethyl)	135	5.60E-13	1	2073.007	7.39	Midgut	2R:-:7619758-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_8109	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl)	108	2.49E-10	1	2014.978	1.24	Head	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_8428	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	66	2.71E-06	1	1449.666	-1.54	Head	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_8499	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	124	4.43E-12	1	1740.797	2.27	Malpighian tubule	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_8592	YFSCNTQDCPER	AGAP001662-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	93	6.46E-10	1	1576.616	0.22	Midgut	2R:-:7622619-7622659,7619883-7620839	exon=> In CDS Exon 4 and 3 of transcript AGAP001662-PA
JHU_Ag_8674	ASVDRPTGGQPGVPGPTVLEEVPQEELDIK	AGAP001662-PA	-	84	3.50E-08	1	3114.600	1.5	Visceras	2R:-:7612438-7612349	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_8923	DVCHLPK	AGAP001662-PA	C3(Carbamidomethyl)	42	0.000570857	1	868.434	-0.52	Midgut	2R:-:7616196-7616176	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_9111	HGCCPDGVSPAKGPNGK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), N15(Deamidated)	88	1.15E-08	1	1738.763	-0.24	Midgut	2R:-:7617321-7617271	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_9231	SEEGGIALLR	AGAP001662-PA	-	58	2.73E-05	2	1044.568	-0.4	Head	2R:-:7612348-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA

JHU_Ag_9514	TPAHGHSGEGCCLQTPYGCCPDNVVAAR	AGAP001662-PA	C11(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl), C20(Carbamidomethyl)	103	2.22E-10	1	3071.306	2.82	Larva	2R:-:7616877-7616794	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_9541	TASGLLDASNLQVGYNDLLLIPAGATNVLISER	AGAP001662-PA	-	49	3.55E-05	1	3398.834	5.1	Ovary	2R:-:7620535-7620437	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_9684	LEDLGPYVCQAYSGAGK	AGAP001662-PA	C9(Carbamidomethyl)	60	1.30E-05	2	1827.865	3.58	Salivary gland	2R:-:7611509-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_9715	ADDDYKCDPEQKPEK	AGAP001662-PA	C7(Carbamidomethyl)	31	0.005458349	1	1837.796	2.77	Pupa	2R:-:7618977-7618933	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_10150	TDSGTYVCIADNGIGEPALR	AGAP001662-PA	C8(Carbamidomethyl)	118	2.91E-11	1	2109.001	4.14	Ovary	2R:-:7612114-7612055	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_10660	EVQLTVNDPVPR	AGAP001662-PA	-	41	0.000755932	2	1366.733	0.46	Pupa	2R:-:7612054-7612183,7611265-7611690	exon=> In CDS Exon 16 and 15 of transcript AGAP001662-PA
JHU_Ag_10947	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	60	1.66E-05	2	1409.714	3.38	Pupa	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_10975	QQCSEFNDVPFEGHR	AGAP001662-PA	C3(Carbamidomethyl)	72	3.66E-07	2	1849.791	-0.53	Midgut	2R:-:7620820-7620776	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_11297	ECLDLDHTGAPVCTGGK	AGAP001662-PA	C2(Carbamidomethyl), C13(Carbamidomethyl)	42	0.000658187	1	1829.819	1.91	Malpighian tubule	2R:-:7622774-7622939,7622599-7622626	exon=> In CDS Exon 3 and 2 of transcript AGAP001662-PA
JHU_Ag_11771	YVVAAPAPARPAPPVDR	AGAP001662-PA	-	37	0.001750209	1	1746.965	-0.28	Midgut	2R:-:7611380-7611330	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_12169	GPHNQGCHCTHSEFK	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	49	3.35E-05	2	1795.738	-0.53	Ovary	2R:-:7616568-7616524	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_12335	FWYGGCEGNNNR	AGAP001662-PA	C6(Carbamidomethyl)	80	3.06E-08	1	1473.600	2.32	Visceras	2R:-:7616283-7616248	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_13723	TIHFAGSDWHYER	AGAP001662-PA	-	96	3.54E-09	1	1618.750	6.05	Ovary	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_13872	DYSLSLPR	AGAP001662-PA	-	36	0.003611856	2	950.495	0.56	Visceras	2R:-:7611539-7611516	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_14310	NMCAQFTYGGCLGNANR	AGAP001662-PA	M2(Oxidation), C3(Carbamidomethyl), C11(Carbamidomethyl)	99	4.13E-10	2	1949.808	1.27	Visceras	2R:-:7616121-7616071	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_14453	VRLEDLGPYVCQAYSGAGK	AGAP001662-PA	C11(Carbamidomethyl)	68	2.77E-06	2	2083.036	3.91	Midgut	2R:-:7611515-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_14505	AECADTLFGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl)	103	9.02E-11	1	1643.652	1.35	Malpighian tubule	2R:-:7617258-7617217	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_14788	ETDACHPFYFGGCK	AGAP001662-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	76	7.49E-08	1	1688.687	2.04	Malpighian tubule	2R:-:7615882-7615841	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_14886	WSAWGAPSECSR	AGAP001662-PA	C10(Carbamidomethyl)	46	0.000125128	1	1393.596	0.67	Visceras	2R:-:7622843-7622808	exon=> In CDS Exon 2 of transcript AGAP001662-PA
JHU_Ag_14917	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	73	6.26E-07	2	1449.671	2.25	Larva	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_15090	AECADTLFGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl)	96	4.86E-10	2	1643.651	0.54	Midgut	2R:-:7617258-7617217	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_15179	DGQMLVPTDR	AGAP001662-PA	M4(Oxidation)	50	0.000150013	1	1147.545	3.65	Ovary	2R:-:7610997-7610968	exon=> In CDS Exon 17 of transcript AGAP001662-PA

JHU_Ag_15224	TPAHGHSGEGCCLQTPYGCCPDNVVAAR	AGAP001662-PA	C11(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl), C20(Carbamidomethyl)	126	1.12E-12	1	3071.288	-3.12	Head	2R:-:7616877-7616794	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_15291	VRLEDLGPYVCQAYSGAGK	AGAP001662-PA	C11(Carbamidomethyl)	127	3.56E-12	1	2083.037	4.2	Ovary	2R:-:7611515-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_15564	VRLEDLGPYVCQAYSGAGK	AGAP001662-PA	C11(Carbamidomethyl)	94	7.03E-09	1	2083.029	0.77	Visceras	2R:-:7611515-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_15757	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	87	3.38E-08	2	1409.710	0.26	Male reproductive organs	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_15778	ETEATGPSFEGCPCHAHQFGCCPDGVTAAK	AGAP001662-PA	C12(Carbamidomethyl), C14(Carbamidomethyl), C21(Carbamidomethyl), C22(Carbamidomethyl)	110	1.94E-11	1	3278.354	4.5	Ovary	2R:-:7616658-7616569	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_15873	STHGCCPDGK	AGAP001662-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	42	6.03E-05	1	1118.439	2.84	Ovary	2R:-:7617414-7617385	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_16775	APVDVDVR	AGAP001662-PA	-	56	2.22E-05	2	870.472	5.04	Ovary	2R:-:7614132-7614109	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_17211	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl),"C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)"	106	2.01E-10	1	1743.764	1.43	Salivary gland	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_17271	TPAHGHSGEGCCLQTPYGCCPDNVVAAR	AGAP001662-PA	C11(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl), C20(Carbamidomethyl)	96	1.25E-09	1	3071.304	2.03	Visceras	2R:-:7616877-7616794	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_18001	YQWVPYTR	AGAP001662-PA	-	40	0.001201279	1	1112.554	1.14	Visceras	2R:-:7620775-7620752	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_18089	ETDACHPFYFGGCK	AGAP001662-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	71	3.36E-07	1	1688.698	8.69	Midgut	2R:-:7615882-7615841	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_18119	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	70	4.31E-07	1	1448.614	1.94	Ovary	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_18386	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	98	2.52E-09	1	1409.712	1.73	Malpighian tubule	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_18597	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	104	7.01E-10	1	1409.711	1.3	Visceras	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_18605	HFFDVEYGGCGR	AGAP001662-PA	C10(Carbamidomethyl)	75	1.45E-07	1	1443.616	3.17	Visceras	2R:-:7616319-7616284	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_19072	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl),"C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)"	114	2.02E-11	1	1759.754	-1.31	Midgut	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA

JHU_Ag_19182	EVQLTVNDPVPR	AGAP001662-PA	-	70	9.29E-07	2	1366.735	1.62	Salivary gland	2R:-:7612054-7612183,7611265-7611690	exon=> In CDS Exon 16 and 15 of transcript AGAP001662-PA
JHU_Ag_19281	HDCTEDEVIPVEVGSK	AGAP001662-PA	C3(Carbamidomethyl)	82	7.11E-08	2	1813.836	4.76	Larva	2R:-:7618743-7618696	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_19606	YVVAAPAPARPAPPVDR	AGAP001662-PA	-	37	0.001542372	1	1746.967	0.87	Ovary	2R:-:7611380-7611330	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_19630	QQCSEFNDVPFEGHR	AGAP001662-PA	C3(Carbamidomethyl)	97	9.71E-10	1	1849.791	-0.84	Malpighian tubule	2R:-:7620820-7620776	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_19788	DGQMLVPTDR	AGAP001662-PA	Q3(Deamidated)	28	0.013255314	1	1132.524	-5.21	Midgut	2R:-:7610997-7610968	exon=> In CDS Exon 17 of transcript AGAP001662-PA
JHU_Ag_20002	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	156	3.79E-15	1	2201.081	-2.48	Midgut	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_20013	YGCCPDGVSEAQGSK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	111	2.55E-11	1	1614.651	-0.73	Head	2R:-:7616454-7616410	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_20203	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	148	1.72E-14	1	1740.796	1.57	Visceras	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_20578	NMCAQFTYGGCLGNANR	AGAP001662-PA	M2(Oxidation), C3(Carbamidomethyl), C11(Carbamidomethyl)	75	1.00E-07	2	1949.804	-0.49	Ovary	2R:-:7616121-7616071	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_21363	ECLDLDHTGAPVCTGGK	AGAP001662-PA	C2(Carbamidomethyl), C13(Carbamidomethyl)	83	5.42E-08	1	1829.818	1.19	Midgut	2R:-:7622774-7622939,7622599-7622626	exon=> In CDS Exon 3 and 2 of transcript AGAP001662-PA
JHU_Ag_21365	QQCSEFNDVPFEGHR	AGAP001662-PA	C3(Carbamidomethyl)	68	8.40E-07	1	1849.793	0.65	Visceras	2R:-:7620820-7620776	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_21453	GPNLEGCDCQYAPYGCCPDNRTSAR	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl), C16(Carbamidomethyl), C17(Carbamidomethyl)	74	7.36E-08	1	2918.184	4.47	Malpighian tubule	2R:-:7616793-7616719	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_21482	AAPAPPGAAPVAPVQPAAPGKPFDR	AGAP001662-PA	-	31	0.003800207	1	2350.264	-1.05	Midgut	2R:-:7614570-7614496	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_21635	EPFGCCPDGK	AGAP001662-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	47	4.55E-05	2	1166.460	-0.69	Midgut	2R:-:7616907-7616878	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_22192	ETDACHPFYFGGCK	AGAP001662-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	38	0.000518661	2	1688.688	2.69	Head	2R:-:7615882-7615841	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_22913	NMCAQFTYGGCLGNANR	AGAP001662-PA	M2(Oxidation), C3(Carbamidomethyl), C11(Carbamidomethyl),"C3(Carbamidomethyl), C11(Carbamidomethyl)"	124	1.07E-12	1	1949.803	-0.92	Midgut	2R:-:7616121-7616071	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_22968	APSNNYLAIR	AGAP001662-PA	N4(Deamidated)	95	4.96E-09	2	1118.595	-0.38	Salivary gland	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_23433	KGEIMLNTNQGR	AGAP001662-PA	M5(Oxidation)	59	2.85E-05	2	1376.694	-0.73	Midgut	2R:-:7612276-7612806,7612033-7612163	exon=> In CDS Exon 15 and 14 of transcript AGAP001662-PA
JHU_Ag_23990	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	63	6.11E-06	2	1976.888	1.44	Pupa	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_24112	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	57	7.98E-06	2	1448.611	0.17	Male reproductive organs	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_24567	IQLATESCNKHDCTEDEVIPVEVGSK	AGAP001662-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	40	0.001174636	1	2958.389	2.18	Midgut	2R:-:7618773-7618696	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_24784	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	71	1.13E-06	2	1409.716	4.94	Larva	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_25227	HGCCPDGTTEAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	65	5.35E-07	1	1332.531	0.03	Malpighian tubule	2R:-:7617135-7617100	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_26063	CEEVPDYGDGDGDEILFYYNAER	AGAP001662-PA	C1(Carbamidomethyl)	44	0.000103803	2	2726.123	1.05	Visceras	2R:-:7614066-7613998	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_26442	CMPFYFTGCGGNDNQFVSR	AGAP001662-PA	C1(Carbamidomethyl), M2(Oxidation), C9(Carbamidomethyl),"C1 (Carbamidomethyl), C9(Carbamidomethyl)"	88	3.82E-09	2	2272.923	0.85	Midgut	2R:-:7615346-7615290	exon=> In CDS Exon 9 of transcript AGAP001662-PA
JHU_Ag_26858	EQECEGPPECPGQWFAGPWTDCDK	AGAP001662-PA	C4(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl)	69	1.44E-07	1	2880.144	3.45	Larva	2R:-:7618932-7618861	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_26932	YVVAAPAPARPAPPVDR	AGAP001662-PA	-	53	3.05E-05	1	1746.971	3.26	Head	2R:-:7611380-7611330	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_27433	ISGPCTGHYNMWYYDAER	AGAP001662-PA	C5(Carbamidomethyl), M11(Oxidation),C5(Carbamidomethyl)	125	1.21E-12	1	2219.927	-0.16	Midgut	2R:-:7616175-7616122	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_28347	LTCLGPTTESVYLVLLSQDR	AGAP001662-PA	C3(Carbamidomethyl)	171	8.19E-17	1	2265.188	3.51	Ovary	2R:-:7620283-7620224	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_28674	GHDNEGCGCQYAR	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	71	7.90E-08	2	1523.580	3.55	Malpighian tubule	2R:-:7616718-7616680	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_29176	YGCCPDGVSEAQGSKFEGCTAVPESPQK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), C19(Carbamidomethyl)	33	0.002711365	1	3045.304	0.49	Larva	2R:-:7616454-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_29199	HDCTEDEVIPVEVGSK	AGAP001662-PA	C3(Carbamidomethyl)	112	7.43E-11	2	1813.844	9	Midgut	2R:-:7618743-7618696	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_29836	NVGVNYEYSVSSK	AGAP001662-PA	-	82	8.15E-08	1	1445.694	2.19	Ovary	2R:-:7620223-7620185	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_29878	WSAWGAPSECSR	AGAP001662-PA	C10(Carbamidomethyl)	34	0.002023761	1	1393.598	1.72	Malpighian tubule	2R:-:7622843-7622808	exon=> In CDS Exon 2 of transcript AGAP001662-PA
JHU_Ag_30368	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	130	1.03E-12	1	1740.787	-3.34	Midgut	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_30990	AECADTLFGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl)	53	8.85E-06	2	1643.658	4.62	Larva	2R:-:7617258-7617217	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_31511	RPQGFAAPDR	AGAP001662-PA	-	33	0.005436582	1	1114.577	1.17	Head	2R:-:7620313-7620284	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_31601	FWYGGCEGNNNR	AGAP001662-PA	C6(Carbamidomethyl)	44	0.000129527	2	1473.601	2.9	Salivary gland	2R:-:7616283-7616248	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_32709	TDSGTYVCIADNGIGEPALR	AGAP001662-PA	C8(Carbamidomethyl)	134	6.37E-13	1	2108.994	0.9	Salivary gland	2R:-:7612114-7612055	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_32919	HFFDVEYGGCGR	AGAP001662-PA	C10(Carbamidomethyl)	65	1.36E-06	1	1443.617	3.85	Malpighian tubule	2R:-:7616319-7616284	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_33112	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	95	3.90E-09	1	1880.845	1.6	Head	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_33685	TPAHGHSGEGCCLQTPYGCCPDNVVAAR	AGAP001662-PA	C11(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl), C20(Carbamidomethyl)	49	5.65E-05	1	3071.302	1.39	Malpighian tubule	2R:-:7616877-7616794	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_33767	SSLKEVDEGLCNLGEKPPTTQK	AGAP001662-PA	C11(Carbamidomethyl)	95	4.35E-09	1	2430.220	0.54	Midgut	2R:-:7620070-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_34359	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	81	3.23E-08	1	1448.612	0.34	Head	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_34760	KQQCSEFNDVPFEGHR	AGAP001662-PA	C4(Carbamidomethyl)	59	1.32E-05	1	1977.887	-0.26	Visceras	2R:-:7620823-7620776	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_34925	TVTVYGYNLPAQINPQDER	AGAP001662-PA	-	118	2.50E-11	1	2178.084	0.75	Visceras	2R:-:7611446-7611390	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_35526	ETEATGPSFEGCPCHAHQFGCCPDGVTAAK	AGAP001662-PA	C12(Carbamidomethyl), C14(Carbamidomethyl), C21(Carbamidomethyl), C22(Carbamidomethyl),"C 12(Carbamidomethyl), C14(Carbamidomethyl), Q18(Deamidated), C21(Carbamidomethyl), C22(Carbamidomethyl)"	95	6.78E-10	1	3278.330	-2.87	Head	2R:-:7616658-7616569	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_36152	WYYDKETDACHPFYFGGCK	AGAP001662-PA	C10(Carbamidomethyl), C18(Carbamidomethyl)	79	3.25E-08	1	2444.011	0.03	Midgut	2R:-:7615897-7615841	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_36173	TDSGTYVCIADNGIGEPALR	AGAP001662-PA	C8(Carbamidomethyl)	89	2.04E-08	1	2108.986	-2.69	Malpighian tubule	2R:-:7612114-7612055	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_36225	IQLATESCNK	AGAP001662-PA	C8(Carbamidomethyl)	59	2.27E-05	2	1163.578	4.42	Ovary	2R:-:7618773-7618744	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_36533	QLPELR	AGAP001662-PA	-	32	0.003402571	2	755.442	1.26	Visceras	2R:-:7619130-7619113	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_36692	EVQLTVNDPVPR	AGAP001662-PA	-	40	0.000860 62	2	1366.735	1.8	Malpighian tubule	2R:-:7612054-7612183,7611265-7611690	exon=> In CDS Exon 16 and 15 of transcript AGAP001662-PA
JHU_Ag_36851	LTCLGPTTESVYLVLLSQDR	AGAP001662-PA	C3(Carbamidomethyl)	56	2.68E-05	1	2265.179	-0.32	Salivary gland	2R:-:7620283-7620224	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_37809	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	73	2.19E-07	2	1448.617	3.71	Malpighian tubule	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_38305	YVITSDGDLQIVQLHR	AGAP001662-PA	-	99	1.10E-09	2	1857.000	7	Malpighian tubule	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_38414	TVTVYGYNLPAQINPQDER	AGAP001662-PA	-	118	2.45E-11	1	2178.089	3.1	Head	2R:-:7611446-7611390	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_38421	APSNNYLAIR	AGAP001662-PA	N4(Deamidated)	90	1.59E-08	2	1118.595	-0.27	Midgut	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_38947	IEDDVCLEQVGNKPATER	AGAP001662-PA	C6(Carbamidomethyl)	82	1.04E-07	1	2072.994	1.02	Visceras	2R:-:7619758-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_39043	YQWVPYTR	AGAP001662-PA	-	40	0.001079489	1	1112.557	3.88	Ovary	2R:-:7620775-7620752	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_39111	AAPAPPGAAPVAPVQPAAPGKPFDR	AGAP001662-PA	-	54	2.07E-05	1	2350.271	1.83	Pupa	2R:-:7614570-7614496	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_39631	WSAWGAPSECSR	AGAP001662-PA	C10(Carbamidomethyl)	46	0.000137833	2	1393.596	0.32	Ovary	2R:-:7622843-7622808	exon=> In CDS Exon 2 of transcript AGAP001662-PA
JHU_Ag_39849	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	57	2.49E-05	1	1449.669	0.74	Salivary gland	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_40641	ASVDRPTGGQPGVPGPTVLEEVPQEELDIKSEEGGIALLR	AGAP001662-PA	-	49	4.58E-05	1	4140.161	3.54	Ovary	2R:-:7612438-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_40882	SEEGGIALLR	AGAP001662-PA	-	45	0.000467548	2	1044.568	-0.52	Malpighian tubule	2R:-:7612348-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_40989	ASVDRPTGGQPGVPGPTVLEEVPQEELDIK	AGAP001662-PA	-	124	3.24E-12	1	3114.606	3.26	Larva	2R:-:7612438-7612349	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_41226	TPAHGHSGEGCCLQTPYGCCPDNVVAAR	AGAP001662-PA	C11(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl), C20(Carbamidomethyl)	88	7.79E-09	1	3071.307	3.14	Salivary gland	2R:-:7616877-7616794	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_41264	IQLATESCNK	AGAP001662-PA	C8(Carbamidomethyl)	64	5.66E-06	1	1163.571	-1.04	Malpighian tubule	2R:-:7618773-7618744	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_41786	FAYSGCGGNGNNFASEAECER	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl),"C6(Carbamidomethyl), N9(Deamidated), C19(Carbamidomethyl)"	151	1.08E-15	1	2296.899	0.18	Visceras	2R:-:7614216-7614154	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_42273	ISGPCTGHYNMWYYDAER	AGAP001662-PA	C5(Carbamidomethyl), M11(Oxidation)	69	4.70E-07	1	2235.927	2.28	Visceras	2R:-:7616175-7616122	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_42275	DYSLSLPR	AGAP001662-PA	-	43	0.000701657	2	950.495	0.44	Ovary	2R:-:7611539-7611516	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_42488	SQCQLPMDNGDRECSPYEAR	AGAP001662-PA	C3(Carbamidomethyl), M7(Oxidation), C14(Carbamidomethyl)	37	0.000372417	1	2428.994	1	Head	2R:-:7614495-7614436	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_42961	EVYCERVSADGETK	AGAP001662-PA	C4(Carbamidomethyl)	42	0.000664715	2	1642.741	2.18	Malpighian tubule	2R:-:7619914-7620853,7619651-7619762	exon=> In CDS Exon 5 and 4 of transcript AGAP001662-PA
JHU_Ag_43282	SSLKEVDEGLCNLGEKPPTTQK	AGAP001662-PA	C11(Carbamidomethyl)	151	1.14E-14	1	2430.226	3.11	Ovary	2R:-:7620070-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_43332	DHCEEQCPPK	AGAP001662-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	44	7.14E-05	2	1299.512	2.37	Head	2R:-:7615289-7615260	exon=> In CDS Exon 9 of transcript AGAP001662-PA
JHU_Ag_43862	EPFGCCPDGK	AGAP001662-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	33	0.001245219	2	1166.462	0.98	Larva	2R:-:7616907-7616878	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_43871	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	70	1.20E-06	1	1449.674	4.44	Ovary	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_44070	SYDPANGCER	AGAP001662-PA	C8(Carbamidomethyl)	46	6.65E-05	2	1168.473	3.34	Malpighian tubule	2R:-:7612732-7612703	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_44847	FAYSGCGGNGNNFASEAECER	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl),"C6(Carbamidomethyl), N9(Deamidated), C19(Carbamidomethyl)"	125	4.93E-13	2	2296.907	3.9	Malpighian tubule	2R:-:7614216-7614154	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_45324	SQCQLPMDNGDRECSPYEAR	AGAP001662-PA	C3(Carbamidomethyl), M7(Oxidation), C14(Carbamidomethyl)	129	2.94E-13	1	2429.002	4.16	Ovary	2R:-:7614495-7614436	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_45992	ASVDRPTGGQPGVPGPTVLEEVPQEELDIK	AGAP001662-PA	-	135	2.58E-13	1	3114.605	2.91	Malpighian tubule	2R:-:7612438-7612349	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_46526	HFFDVEYGGCGR	AGAP001662-PA	C10(Carbamidomethyl)	81	3.37E-08	1	1443.610	-0.8	Head	2R:-:7616319-7616284	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_46766	ECLDLDHTGAPVCTGGK	AGAP001662-PA	C2(Carbamidomethyl), C13(Carbamidomethyl)	40	0.000977926	2	1829.818	1.39	Pupa	2R:-:7622774-7622939,7622599-7622626	exon=> In CDS Exon 3 and 2 of transcript AGAP001662-PA
JHU_Ag_47724	TPAHGHSGEGCCLQTPYGCCPDNVVAAR	AGAP001662-PA	C11(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl), C20(Carbamidomethyl)	108	8.01E-11	1	3071.306	2.73	Ovary	2R:-:7616877-7616794	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_47822	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	54	1.53E-05	1	1448.612	0.59	Pupa	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_47907	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	122	7.60E-12	1	1740.794	0.44	Salivary gland	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_48331	SQCQLPMDNGDRECSPYEAR	AGAP001662-PA	C3(Carbamidomethyl), M7(Oxidation), N9(Deamidated), C14(Carbamidomethyl),"C3(Carbamidomethyl), C14(Carbamidomethyl)","C3(Carbamidomethyl), M7(Oxidation), C14(Carbamidomethyl)"	80	1.57E-08	1	2429.974	-0.74	Midgut	2R:-:7614495-7614436	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_48395	IQLATESCNKHDCTEDEVIPVEVGSK	AGAP001662-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	90	1.25E-08	1	2958.387	1.5	Larva	2R:-:7618773-7618696	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_48523	SSLKEVDEGLCNLGEKPPTTQK	AGAP001662-PA	C11(Carbamidomethyl)	84	4.71E-08	1	2430.221	1.3	Head	2R:-:7620070-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_48884	TVVCGVFDGQSLKR	AGAP001662-PA	C4(Carbamidomethyl)	61	1.05E-05	1	1565.811	0.28	Salivary gland	2R:-:7619019-7618978	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_49925	ASGPFLEGCTLAETCKETK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	45	0.000365056	2	2098.983	2.25	Malpighian tubule	2R:-:7617378-7617322	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_50358	HDCTEDEVIPVEVGSK	AGAP001662-PA	C3(Carbamidomethyl)	86	2.97E-08	2	1813.836	4.76	Ovary	2R:-:7618743-7618696	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_50368	HDCTEDEVIPVEVGSK	AGAP001662-PA	C3(Carbamidomethyl)	133	6.70E-13	1	1813.833	2.87	Head	2R:-:7618743-7618696	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_50382	ISGPCTGHYNMWYYDAER	AGAP001662-PA	C5(Carbamidomethyl)	37	0.000826915	1	2219.930	1.19	Malpighian tubule	2R:-:7616175-7616122	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_50388	DHCEEQCPPK	AGAP001662-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	27	0.003760733	1	1299.511	1.62	Ovary	2R:-:7615289-7615260	exon=> In CDS Exon 9 of transcript AGAP001662-PA
JHU_Ag_50736	IHITDAHQLMVFGAIPSDTGR	AGAP001662-PA	M10(Oxidation)	70	1.51E-06	1	2295.157	0.93	Midgut	2R:-:7610967-7610905	exon=> In CDS Exon 17 of transcript AGAP001662-PA
JHU_Ag_50872	APNPCELNCMPVGERFYYR	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)	103	4.01E-10	1	2389.057	1.83	Malpighian tubule	2R:-:7620751-7620695	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_51103	CPAGGYPKPIVTWWR	AGAP001662-PA	C1(Carbamidomethyl)	81	1.29E-07	1	1787.912	3.71	Ovary	2R:-:7611620-7611576	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_51781	SSLKEVDEGLCNLGEKPPTTQK	AGAP001662-PA	C11(Carbamidomethyl)	102	8.52E-10	1	2430.228	3.86	Malpighian tubule	2R:-:7620070-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_51862	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	119	1.64E-11	1	2201.104	7.96	Ovary	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_52240	HFFDVEYGGCGR	AGAP001662-PA	C10(Carbamidomethyl)	66	1.24E-06	1	1443.617	3.85	Ovary	2R:-:7616319-7616284	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_52646	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	64	4.69E-06	2	1449.667	-0.36	Midgut	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_53023	APVDVDVR	AGAP001662-PA	-	57	1.49E-05	2	870.470	2.1	Larva	2R:-:7614132-7614109	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_53283	CDPEQKPEK	AGAP001662-PA	C1(Carbamidomethyl)	31	0.005133671	2	1130.515	0.1	Ovary	2R:-:7618959-7618933	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_53335	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	76	2.93E-07	2	1976.883	-0.84	Salivary gland	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_53582	TIHFAGSDWHYER	AGAP001662-PA	-	73	6.47E-07	1	1618.743	1.81	Malpighian tubule	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_53804	APSNNYLAIR	AGAP001662-PA	-	91	1.32E-08	2	1118.596	0.49	Head	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_54039	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	41	0.001071743	2	1449.668	-0.02	Male reproductive organs	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_54200	YVITSDGDLQIVQLHR	AGAP001662-PA	-	153	4.04E-15	1	1856.993	3.32	Head	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_54790	ISGPCTGHYNMWYYDAER	AGAP001662-PA	C5(Carbamidomethyl), M11(Oxidation),C5(Carbamidomethyl)	57	7.60E-06	1	2235.931	3.92	Ovary	2R:-:7616175-7616122	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_55358	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	61	3.03E-06	2	1448.613	1.1	Salivary gland	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_55448	FWYGGCEGNNNRFDSAEECK	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	53	8.94E-06	1	2439.970	-0.87	Midgut	2R:-:7616283-7616224	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_55476	HGCCPDGVSPAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	53	3.26E-05	2	1284.553	5.35	Larva	2R:-:7617321-7617286	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_55513	QFYYGGCGGNGNNFADEQSCINR	AGAP001662-PA	C7(Carbamidomethyl), C20(Carbamidomethyl),"C 7(Carbamidomethyl), N12(Deamidated), C20(Carbamidomethyl)"," C7(Carbamidomethyl), N13(Deamidated), C20(Carbamidomethyl)"," C7(Carbamidomethyl), N10(Deamidated), C20(Carbamidomethyl)"	76	3.09E-08	2	2629.047	0.06	Midgut	2R:-:7614660-7614592	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_55699	AAPAPPGAAPVAPVQPAAPGKPFDR	AGAP001662-PA	-	47	7.82E-05	1	2350.277	4.33	Larva	2R:-:7614570-7614496	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_55737	ASGPFLEGCTLAETCKETK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	86	2.84E-08	1	2098.981	1.09	Midgut	2R:-:7617378-7617322	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_55781	LTCLGPTTESVYLVLLSQDR	AGAP001662-PA	C3(Carbamidomethyl)	106	2.18E-10	2	2265.184	1.79	Visceras	2R:-:7620283-7620224	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_56042	WSAWGAPSECSR	AGAP001662-PA	C10(Carbamidomethyl)	38	0.000877716	2	1393.596	0.41	Midgut	2R:-:7622843-7622808	exon=> In CDS Exon 2 of transcript AGAP001662-PA
JHU_Ag_56072	APSNNYLAIR	AGAP001662-PA	-	65	5.40E-06	1	1118.595	-0.05	Male reproductive organs	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_56117	TVVCGVFDGQSLKR	AGAP001662-PA	C4(Carbamidomethyl)	79	1.87E-07	1	1565.815	2.86	Larva	2R:-:7619019-7618978	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_56243	HGCCPDKETEATGPSFEGCPCHAHQF GCCPDGVTAAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl), C28(Carbamidomethyl), C29(Carbamidomethyl)	68	1.36E-07	1	4132.678	5.27	Ovary	2R:-:7616679-7616569	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_56257	FWYGGCEGNNNR	AGAP001662-PA	C6(Carbamidomethyl), N9(Deamidated),C6(Carbamidomethyl),"C6(Carbamidomethyl), N10(Deamidated)","C6(Carbamidomethyl), N11(Deamidated)"	66	7.35E-07	2	1473.595	-0.99	Midgut	2R:-:7616283-7616248	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_56471	KGEIMLNTNQGR	AGAP001662-PA	M5(Oxidation)	61	1.52E-05	1	1376.700	3.35	Ovary	2R:-:7612276-7612806,7612033-7612163	exon=> In CDS Exon 15 and 14 of transcript AGAP001662-PA
JHU_Ag_56798	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)	56	1.55E-05	2	1759.758	1.19	Pupa	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_56887	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl),"C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)"	111	4.73E-11	1	1759.758	0.98	Visceras	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_57116	YFSCNTQDCPER	AGAP001662-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	86	4.01E-09	1	1576.619	2.39	Male reproductive organs	2R:-:7622619-7622659,7619883-7620839	exon=> In CDS Exon 4 and 3 of transcript AGAP001662-PA
JHU_Ag_57353	FWYGGCEGNNNR	AGAP001662-PA	C6(Carbamidomethyl)	76	6.60E-08	1	1473.594	-1.73	Head	2R:-:7616283-7616248	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_57534	YRSEEECER	AGAP001662-PA	C7(Carbamidomethyl)	50	2.24E-05	1	1257.515	-1.23	Ovary	2R:-:7613946-7613920	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_58022	FWYGGCEGNNNR	AGAP001662-PA	C6(Carbamidomethyl)	62	1.81E-06	1	1473.601	3.07	Larva	2R:-:7616283-7616248	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_58554	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl),"C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)"	106	1.76E-10	1	1743.762	0.66	Malpighian tubule	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_58849	SEEGGIALLR	AGAP001662-PA	-	69	2.17E-06	1	1044.570	1.58	Visceras	2R:-:7612348-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_59090	LEDLGPYVCQAYSGAGK	AGAP001662-PA	C9(Carbamidomethyl)	55	3.87E-05	2	1827.864	3.05	Midgut	2R:-:7611509-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_59413	YVITSDGDLQIVQLHR	AGAP001662-PA	-	143	5.19E-14	1	1856.992	3.13	Visceras	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_59453	CDLIVAGHYCNHK	AGAP001662-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	62	7.84E-06	1	1586.721	0.17	Visceras	2R:-:7610704-7610666	exon=> In CDS Exon 18 of transcript AGAP001662-PA
JHU_Ag_59754	YVVAAPAPARPAPPVDR	AGAP001662-PA	-	46	0.000185056	1	1746.970	2.55	Malpighian tubule	2R:-:7611380-7611330	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_59769	VRLEDLGPYVCQAYSGAGK	AGAP001662-PA	C11(Carbamidomethyl)	94	7.08E-09	1	2083.033	2.44	Head	2R:-:7611515-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_59907	ASVDRPTGGQPGVPGPTVLEEVPQEELDIKSEEGGIALLR	AGAP001662-PA	-	99	4.81E-10	1	4140.154	1.89	Visceras	2R:-:7612438-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_60057	FAYSGCGGNGNNFASEAECER	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	54	5.49E-06	2	2296.897	-0.67	Ovary	2R:-:7614216-7614154	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_60236	GPDGEGCTCADSK	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	73	3.70E-08	2	1353.505	-0.05	Midgut	2R:-:7616493-7616455	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_60298	DVCHLPK	AGAP001662-PA	C3(Carbamidomethyl)	46	0.000218036	1	868.435	0.81	Salivary gland	2R:-:7616196-7616176	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_60498	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl)	99	1.92E-09	1	2015.004	14.44	Ovary	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA

JHU_Ag_60859	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	96	3.39E-09	1	1880.852	5.49	Midgut	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_61079	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl)	47	0.000337503	1	2014.985	4.93	Larva	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_61145	APVDVDVR	AGAP001662-PA	-	46	0.000189274	2	870.469	0.62	Visceras	2R:-:7614132-7614109	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_61396	LTCLGPTTESVYLVLLSQDR	AGAP001662-PA	C3(Carbamidomethyl)	127	2.06E-12	2	2265.184	2	Head	2R:-:7620283-7620224	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_61470	HGCCPDGVSPAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	56	1.31E-05	2	1284.542	-3.49	Head	2R:-:7617321-7617286	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_61537	NVGVNYEYSVSSK	AGAP001662-PA	-	73	7.35E-07	1	1445.691	0.42	Head	2R:-:7620223-7620185	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_61545	FESQEECK	AGAP001662-PA	C7(Carbamidomethyl)	34	0.001405462	2	1056.433	2.71	Ovary	2R:-:7616070-7616047	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_61840	SEEGGIALLR	AGAP001662-PA	-	53	8.71E-05	2	1044.569	0.65	Salivary gland	2R:-:7612348-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_62214	YSGAGGNANR	AGAP001662-PA	-	55	3.25E-05	1	966.443	3.86	Ovary	2R:-:7613976-7613947	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_62378	FWYGGCEGNNNRFDSAEECK	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	60	1.81E-06	1	2439.980	3.33	Ovary	2R:-:7616283-7616224	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_62433	TIHFAGSDWHYER	AGAP001662-PA	-	55	3.90E-05	1	1618.745	2.94	Larva	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_62595	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl)	106	4.75E-10	1	2014.976	0.57	Visceras	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_62757	DHCEEQCPPK	AGAP001662-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	59	2.14E-06	1	1299.510	0.21	Midgut	2R:-:7615289-7615260	exon=> In CDS Exon 9 of transcript AGAP001662-PA
JHU_Ag_62949	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	87	3.66E-08	2	1409.708	-1.04	Midgut	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_63863	WFYEPHEQR	AGAP001662-PA	-	34	0.003992478	2	1291.586	0.39	Visceras	2R:-:7614252-7614226	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_64024	YVITSDGDLQIVQLHR	AGAP001662-PA	-	111	7.23E-11	1	1856.994	4.18	Midgut	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_64487	TDSGTYVCIADNGIGEPALR	AGAP001662-PA	C8(Carbamidomethyl)	125	5.03E-12	1	2108.994	1.01	Head	2R:-:7612114-7612055	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_64542	TDSGTYVCIADNGIGEPALR	AGAP001662-PA	C8(Carbamidomethyl)	132	8.92E-13	1	2108.986	-2.92	Visceras	2R:-:7612114-7612055	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_64786	TDSGTYVCIADNGIGEPALR	AGAP001662-PA	C8(Carbamidomethyl)	41	0.001189803	2	2108.993	0.67	Male reproductive organs	2R:-:7612114-7612055	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_64932	NVGVNYEYSVSSK	AGAP001662-PA	-	82	9.40E-08	1	1445.692	0.92	Visceras	2R:-:7620223-7620185	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_65809	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	41	0.000781335	2	1880.841	-0.54	Salivary gland	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_66152	YQWVPYTR	AGAP001662-PA	-	40	0.001078936	1	1112.554	1.69	Pupa	2R:-:7620775-7620752	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_66541	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	133	6.31E-13	1	1740.800	3.88	Ovary	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_67164	HGCCPDGVSPAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	72	3.65E-07	1	1284.551	3.93	Ovary	2R:-:7617321-7617286	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_67567	NVGVNYEYSVSSK	AGAP001662-PA	-	72	7.54E-07	2	1445.690	-0.43	Salivary gland	2R:-:7620223-7620185	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_68203	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	72	8.16E-07	2	1449.670	1.24	Pupa	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_68234	SCTLAGQINVNNR	AGAP001662-PA	C2(Carbamidomethyl)	58	2.83E-05	2	1446.717	3.88	Malpighian tubule	2R:-:7610641-7610603	exon=> In CDS Exon 18 of transcript AGAP001662-PA
JHU_Ag_68411	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	118	2.23E-11	1	2201.095	3.76	Malpighian tubule	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA

JHU_Ag_68703	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	105	3.55E-10	1	1976.887	1.14	Malpighian tubule	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_68819	YFSCNTQDCPER	AGAP001662-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	75	4.68E-08	1	1576.623	4.55	Ovary	2R:-:7622619-7622659,7619883-7620839	exon=> In CDS Exon 4 and 3 of transcript AGAP001662-PA
JHU_Ag_69179	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	58	1.93E-05	2	1449.668	0.06	Visceras	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_69551	YGCCPDGVSEAQGSK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	61	2.81E-06	2	1614.655	1.76	Male reproductive organs	2R:-:7616454-7616410	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_69819	AAPAPPGAAPVAPVQPAAPGKPFDR	AGAP001662-PA	-	95	1.22E-09	1	2350.277	4.4	Ovary	2R:-:7614570-7614496	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_71032	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	86	4.25E-08	1	1409.713	2.86	Head	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_71345	FEGCTAVPESPQK	AGAP001662-PA	C4(Carbamidomethyl)	66	3.05E-06	1	1449.669	0.4	Malpighian tubule	2R:-:7616409-7616371	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_71503	AECADTLFGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl)	125	5.26E-13	1	1643.652	1.13	Visceras	2R:-:7617258-7617217	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_71550	LEDLGPYVCQAYSGAGK	AGAP001662-PA	C9(Carbamidomethyl)	122	8.25E-12	1	1827.865	3.65	Visceras	2R:-:7611509-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_72033	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	65	4.01E-06	1	1880.847	2.9	Ovary	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_72212	GPNLEGCDCQYAPYGCCPDNR	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl), C16(Carbamidomethyl), C17(Carbamidomethyl)	80	9.27E-09	2	2502.955	0.72	Visceras	2R:-:7616793-7616731	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_72487	ISGPCTGHYNMWYYDAER	AGAP001662-PA	C5(Carbamidomethyl), M11(Oxidation)	53	1.83E-05	1	2235.925	1.29	Head	2R:-:7616175-7616122	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_73229	FAYSGCGGNGNNFASEAECER	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	172	8.02E-18	1	2296.898	-0.25	Head	2R:-:7614216-7614154	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_74834	QQCSEFNDVPFEGHR	AGAP001662-PA	C3(Carbamidomethyl)	55	1.78E-05	1	1849.794	0.94	Head	2R:-:7620820-7620776	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_74952	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	108	1.91E-10	1	1976.893	4.28	Ovary	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_75045	SGTVYDASFCADR	AGAP001662-PA	C10(Carbamidomethyl)	90	4.30E-09	1	1448.614	1.69	Visceras	2R:-:7619169-7619131	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_75546	YFSCNTQDCPER	AGAP001662-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	99	1.77E-10	1	1576.619	2.23	Visceras	2R:-:7622619-7622659,7619883-7620839	exon=> In CDS Exon 4 and 3 of transcript AGAP001662-PA
JHU_Ag_75800	YVITSDGDLQIVQLHR	AGAP001662-PA	-	70	1.04E-06	1	1856.989	1.11	Salivary gland	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_75880	AECADTLFGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl)	94	6.81E-10	1	1643.648	-1.47	Salivary gland	2R:-:7617258-7617217	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_75928	SSLKEVDEGLCNLGEKPPTTQK	AGAP001662-PA	C11(Carbamidomethyl)	40	0.001381242	1	2430.218	-0.29	Pupa	2R:-:7620070-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_76607	HGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	31	0.000803876	2	873.334	-0.28	Head	2R:-:7616679-7616659	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_77496	WFYEPHEQR	AGAP001662-PA	-	39	0.001143517	1	1291.586	0.48	Ovary	2R:-:7614252-7614226	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_78134	SEEGGIALLR	AGAP001662-PA	-	68	2.77E-06	2	1044.572	3.45	Larva	2R:-:7612348-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA

JHU_Ag_78443	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl)	91	1.47E-08	1	2014.979	2.15	Malpighian tubule	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_78800	TVTVYGYNLPAQINPQDER	AGAP001662-PA	-	131	1.11E-12	1	2178.085	1.09	Midgut	2R:-:7611446-7611390	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_79087	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	70	1.12E-06	1	1880.847	2.9	Larva	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_79369	FASAEECEGTCVHQRPGFDDAGK	AGAP001662-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	59	3.40E-06	1	2568.063	-9.87	Midgut	2R:-:7613683-7613615	exon=> In CDS Exon 12 of transcript AGAP001662-PA
JHU_Ag_79682	APSNNYLAIR	AGAP001662-PA	-	72	9.53E-07	2	1118.596	0.17	Pupa	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_79883	YVITSDGDLQIVQLHR	AGAP001662-PA	-	73	4.82E-07	2	1856.996	5.23	Larva	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_80037	YVITSDGDLQIVQLHR	AGAP001662-PA	-	38	0.001655543	1	1856.986	-0.07	Pupa	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_80086	ETEATGPSFEGCPCHAHQFGCCPDGVTAAK	AGAP001662-PA	C12(Carbamidomethyl), C14(Carbamidomethyl), C21(Carbamidomethyl), C22(Carbamidomethyl)	28	0.00390902	1	3278.345	1.69	Midgut	2R:-:7616658-7616569	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_80224	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	58	1.68E-05	2	1880.846	2.05	Pupa	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_80541	HGCCPDGVSPAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	78	1.02E-07	1	1284.546	0.22	Midgut	2R:-:7617321-7617286	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_80888	AECADTLFGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl)	95	5.86E-10	1	1643.658	4.99	Ovary	2R:-:7617258-7617217	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_81048	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)	93	3.00E-09	1	1759.758	0.91	Head	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_81881	TIHFAGSDWHYER	AGAP001662-PA	-	80	1.34E-07	1	1618.742	1.21	Salivary gland	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_82535	WFYEPHEQR	AGAP001662-PA	-	40	0.000954918	1	1291.582	-3.01	Salivary gland	2R:-:7614252-7614226	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_82573	KGEIMLNTNQGR	AGAP001662-PA	M5(Oxidation)	36	0.005122216	1	1376.699	2.9	Malpighian tubule	2R:-:7612276-7612806,7612033-7612163	exon=> In CDS Exon 15 and 14 of transcript AGAP001662-PA
JHU_Ag_82774	CFATGFPPPSIR	AGAP001662-PA	C1(Carbamidomethyl)	57	3.32E-05	2	1349.668	0.56	Visceras	2R:-:7612318-7612283	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_83126	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	109	1.30E-10	1	1880.845	1.47	Visceras	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_83158	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	84	4.74E-08	1	1976.890	2.56	Larva	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_83467	KGEIMLNTNQGR	AGAP001662-PA	M5(Oxidation)	69	2.89E-06	2	1376.698	2.11	Larva	2R:-:7612276-7612806,7612033-7612163	exon=> In CDS Exon 15 and 14 of transcript AGAP001662-PA
JHU_Ag_84132	NNYPTEASCGYHCK	AGAP001662-PA	N1(Deamidated), C9(Carbamidomethyl), C13(Carbamidomethyl)	27	0.002939908	1	1701.672	5.05	Head	2R:-:7615831-7615790	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_84354	TVTVYGYNLPAQINPQDER	AGAP001662-PA	-	126	4.02E-12	1	2178.086	1.42	Malpighian tubule	2R:-:7611446-7611390	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_84406	HGCCPDGTTEAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	68	2.91E-07	1	1332.531	0.03	Midgut	2R:-:7617135-7617100	exon=> In CDS Exon 7 of transcript AGAP001662-PA

JHU_Ag_84449	YVITSDGDLQIVQLHR	AGAP001662-PA	-	130	1.01E-12	1	1856.995	4.57	Ovary	2R:-:7612162-7612115	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_84595	APSNNYLAIR	AGAP001662-PA	-	77	3.57E-07	2	1118.597	1.15	Malpighian tubule	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_84664	SSLKEVDEGLCNLGEKPPTTQK	AGAP001662-PA	C11(Carbamidomethyl)	70	1.30E-06	1	2430.224	2.2	Visceras	2R:-:7620070-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_84899	TASGLLDASNLQVGYNDLLLIPAGATNVLISER	AGAP001662-PA	-	40	0.000407178	1	3398.815	-0.39	Salivary gland	2R:-:7620535-7620437	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_85131	SYDPANGCER	AGAP001662-PA	C8(Carbamidomethyl)	26	0.004410105	2	1168.466	-2.62	Ovary	2R:-:7612732-7612703	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_85401	ASVDRPTGGQPGVPGPTVLEEVPQEELDIK	AGAP001662-PA	-	151	6.43E-15	1	3114.608	3.97	Ovary	2R:-:7612438-7612349	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_85878	HFFDVEYGGCGR	AGAP001662-PA	C10(Carbamidomethyl)	65	1.16E-06	1	1443.610	-0.55	Midgut	2R:-:7616319-7616284	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_86167	NNYPTEASCGYHCK	AGAP001662-PA	C9(Carbamidomethyl), C13(Carbamidomethyl)	68	4.60E-07	2	1700.684	3.04	Larva	2R:-:7615831-7615790	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_86219	VRLEDLGPYVCQAYSGAGK	AGAP001662-PA	C11(Carbamidomethyl)	80	1.87E-07	1	2083.030	1.21	Malpighian tubule	2R:-:7611515-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_86512	ETEATGPSFEGCPCHAHQFGCCPDGVTAAK	AGAP001662-PA	C12(Carbamidomethyl), C14(Carbamidomethyl), C21(Carbamidomethyl), C22(Carbamidomethyl)	131	1.26E-13	1	3278.303	-11.02	Malpighian tubule	2R:-:7616658-7616569	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_86794	FDSAEECK	AGAP001662-PA	C7(Carbamidomethyl)	30	0.001835497	1	985.392	-0.74	Midgut	2R:-:7616247-7616224	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_86923	YGCCPDGVSEAQGSK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	92	2.41E-09	1	1614.655	1.69	Larva	2R:-:7616454-7616410	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_87159	HFFDVEYGGCGR	AGAP001662-PA	C10(Carbamidomethyl)	51	3.08E-05	1	1443.613	1.23	Salivary gland	2R:-:7616319-7616284	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_88480	YGCCPDGVSEAQGSK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	95	9.62E-10	1	1614.651	-0.88	Midgut	2R:-:7616454-7616410	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_88621	YSGAGGNANR	AGAP001662-PA	N7(Deamidated)	78	1.47E-07	2	966.438	-0.43	Salivary gland	2R:-:7613976-7613947	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_88834	IEDDVCLEQVGNKPATER	AGAP001662-PA	C6(Carbamidomethyl)	53	8.21E-05	1	2072.994	1.2	Malpighian tubule	2R:-:7619758-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_88921	NICETPTGK	AGAP001662-PA	C3(Carbamidomethyl)	53	7.32E-05	1	1019.482	-0.3	Midgut	2R:-:7616223-7616197	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_89122	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)	70	6.09E-07	1	1759.762	3.13	Larva	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_89208	LTCLGPTTESVYLVLLSQDR	AGAP001662-PA	C3(Carbamidomethyl)	79	1.31E-07	1	2265.179	-0.48	Midgut	2R:-:7620283-7620224	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_89663	ASVDRPTGGQPGVPGPTVLEEVPQEELDIK	AGAP001662-PA	-	67	1.84E-06	1	3114.598	0.79	Pupa	2R:-:7612438-7612349	exon=> In CDS Exon 14 of transcript AGAP001662-PA

JHU_Ag_90322	CCQAGCALICISPVDR	AGAP001662-PA	C1(Carbamidomethyl), C2(Carbamidomethyl), Q3(Deamidated), C6(Carbamidomethyl), C10(Carbamidomethyl),"C 1(Carbamidomethyl), C2(Carbamidomethyl), C6(Carbamidomethyl), C10(Carbamidomethyl)"	75	3.08E-07	2	1879.838	5.41	Ovary	2R:-:7612486-7612439	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_90531	NVGVNYEYSVSSK	AGAP001662-PA	-	76	2.98E-07	2	1445.688	-2.03	Midgut	2R:-:7620223-7620185	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_90835	SQCQLPMDNGDRECSPYEAR	AGAP001662-PA	C3(Carbamidomethyl), M7(Oxidation), N9(Deamidated), C14(Carbamidomethyl),"C 3(Carbamidomethyl), C14(Carbamidomethyl)"," C3(Carbamidomethyl), M7(Oxidation), C14(Carbamidomethyl)"	96	4.83E-10	1	2428.995	1.6	Visceras	2R:-:7614495-7614436	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_91144	KGEIMLNTNQGR	AGAP001662-PA	M5(Oxidation)	48	0.000356828	1	1376.693	-1.8	Male reproductive organs	2R:-:7612276-7612806,7612033-7612163	exon=> In CDS Exon 15 and 14 of transcript AGAP001662-PA
JHU_Ag_91850	CFATGFPPPSIR	AGAP001662-PA	C1(Carbamidomethyl)	51	0.000143839	2	1349.667	-0.34	Ovary	2R:-:7612318-7612283	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_92248	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	97	2.56E-09	1	1740.801	4.51	Larva	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_92814	TIHFAGSDWHYER	AGAP001662-PA	-	87	2.51E-08	1	1618.739	-0.66	Midgut	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_93408	TVVCGVFDGQSLKR	AGAP001662-PA	C4(Carbamidomethyl)	88	1.95E-08	1	1565.816	3.79	Malpighian tubule	2R:-:7619019-7618978	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_93586	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl), Q17(Deamidated),C7(Carb amidomethyl)	113	8.72E-11	1	2014.975	0.02	Midgut	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_95244	TDSGTYVCIADNGIGEPALR	AGAP001662-PA	C8(Carbamidomethyl), N12(Deamidated),C8(Carb amidomethyl)	115	5.30E-11	1	2108.999	3.21	Midgut	2R:-:7612114-7612055	exon=> In CDS Exon 15 of transcript AGAP001662-PA
JHU_Ag_95488	SQCQLPMDNGDRECSPYEAR	AGAP001662-PA	C3(Carbamidomethyl), M7(Oxidation), N9(Deamidated), C14(Carbamidomethyl)	55	4.84E-06	1	2429.987	4.76	Larva	2R:-:7614495-7614436	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_95717	YQWVPYTR	AGAP001662-PA	-	40	0.001004885	1	1112.552	-0.07	Midgut	2R:-:7620775-7620752	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_95763	QLPELR	AGAP001662-PA	-	35	0.00148186	2	755.441	0.21	Larva	2R:-:7619130-7619113	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_95847	TVTVYGYNLPAQINPQDER	AGAP001662-PA	-	134	5.96E-13	1	2178.086	1.65	Salivary gland	2R:-:7611446-7611390	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_95889	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl)	58	2.72E-05	1	2014.973	-0.98	Male reproductive organs	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_95940	EVQLTVNDPVPR	AGAP001662-PA	-	63	4.57E-06	2	1366.737	3.5	Head	2R:-:7612054-7612183,7611265-7611690	exon=> In CDS Exon 16 and 15 of transcript AGAP001662-PA

JHU_Ag_96046	APVDVDVR	AGAP001662-PA	-	51	5.81E-05	2	870.467	-0.85	Pupa	2R:-:7614132-7614109	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_96089	IQLATESCNK	AGAP001662-PA	C8(Carbamidomethyl)	47	0.000324649	1	1163.575	2.32	Larva	2R:-:7618773-7618744	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_96284	FDSAEECKNICETPTGK	AGAP001662-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	31	0.0053234	1	1985.863	2.7	Larva	2R:-:7616247-7616197	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_96640	HGCCPDGTTEAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	77	2.67E-08	2	1332.527	-3.18	Head	2R:-:7617135-7617100	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_96896	TVVCGVFDGQSLKR	AGAP001662-PA	C4(Carbamidomethyl)	74	5.75E-07	1	1565.816	3.79	Ovary	2R:-:7619019-7618978	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_97766	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	120	1.52E-11	1	2201.089	0.93	Pupa	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_97783	EVQLTVNDPVPR	AGAP001662-PA	-	88	1.28E-08	2	1366.732	-0.07	Midgut	2R:-:7612054-7612183,7611265-7611690	exon=> In CDS Exon 16 and 15 of transcript AGAP001662-PA
JHU_Ag_97952	FAYSGCGGNGNNFASEAECER	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl),"C 6(Carbamidomethyl), N9(Deamidated), C19(Carbamidomethyl)"	159	1.34E-16	2	2297.885	0.97	Midgut	2R:-:7614216-7614154	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_98500	TIHFAGSDWHYER	AGAP001662-PA	-	93	6.62E-09	1	1618.743	1.74	Visceras	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_99096	QLPELR	AGAP001662-PA	-	31	0.003722264	2	755.441	0.13	Midgut	2R:-:7619130-7619113	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_99822	KQQCSEFNDVPFEGHR	AGAP001662-PA	C4(Carbamidomethyl)	43	0.000551345	1	1977.882	-2.48	Midgut	2R:-:7620823-7620776	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_99885	SCTLAGQINVNNR	AGAP001662-PA	C2(Carbamidomethyl)	68	2.24E-06	2	1446.712	0.33	Visceras	2R:-:7610641-7610603	exon=> In CDS Exon 18 of transcript AGAP001662-PA
JHU_Ag_100016	RPQGFAAPDR	AGAP001662-PA	-	42	0.000571902	1	1114.579	3.47	Ovary	2R:-:7620313-7620284	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_100344	VSADGETK	AGAP001662-PA	-	40	0.001514539	2	806.389	-0.68	Midgut	2R:-:7619896-7620853,7619651-7619762	exon=> In CDS Exon 5 and 4 of transcript AGAP001662-PA
JHU_Ag_100921	EPFGCCPDGK	AGAP001662-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	36	0.000634178	2	1166.460	-0.27	Head	2R:-:7616907-7616878	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_100953	VRLEDLGPYVCQAYSGAGK	AGAP001662-PA	C11(Carbamidomethyl)	52	0.000103756	1	2083.031	1.39	Salivary gland	2R:-:7611515-7611459	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_101773	NNYPTEASCGYHCK	AGAP001662-PA	C9(Carbamidomethyl), C13(Carbamidomethyl)	66	5.43E-07	2	1700.678	-0.83	Midgut	2R:-:7615831-7615790	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_101801	TVVCGVFDGQSLKR	AGAP001662-PA	C4(Carbamidomethyl)	82	9.08E-08	1	1565.813	1.3	Visceras	2R:-:7619019-7618978	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_102316	WFYEPHEQR	AGAP001662-PA	-	42	0.000589945	1	1291.585	-0.37	Midgut	2R:-:7614252-7614226	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_102442	TVVCGVFDGQSLKR	AGAP001662-PA	C4(Carbamidomethyl)	77	2.79E-07	1	1565.811	0.05	Midgut	2R:-:7619019-7618978	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_103303	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	102	1.02E-09	1	1409.713	2.77	Salivary gland	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_103759	TIHFAGSDWHYER	AGAP001662-PA	-	94	5.01E-09	1	1618.742	1.23	Head	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_103841	HGCCPDGTTEAK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	70	1.59E-07	2	1332.530	-0.89	Ovary	2R:-:7617135-7617100	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_103854	TVTVYGYNLPAQINPQDER	AGAP001662-PA	-	105	4.83E-10	1	2178.092	4.11	Ovary	2R:-:7611446-7611390	exon=> In CDS Exon 16 of transcript AGAP001662-PA

JHU_Ag_104028	YFSCNTQDCPER	AGAP001662-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	71	1.18E-07	1	1576.618	1.38	Head	2R:-:7622619-7622659,7619883-7620839	exon=> In CDS Exon 4 and 3 of transcript AGAP001662-PA
JHU_Ag_104086	FDSAEECKNICETPTGK	AGAP001662-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	59	8.32E-06	1	1985.860	0.95	Visceras	2R:-:7616247-7616197	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_104125	GPHNQGCHCTHSEFK	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	50	3.11E-05	1	1795.744	2.99	Malpighian tubule	2R:-:7616568-7616524	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_104461	TIHFAGSDWHYER	AGAP001662-PA	-	56	3.42E-05	1	1618.739	-0.52	Pupa	2R:-:7620352-7620314	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_104663	AECADTLFGCCPDK	AGAP001662-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl)	95	5.42E-10	2	1643.653	1.58	Head	2R:-:7617258-7617217	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_104879	QFYYGGCGGNGNNFADEQSCINR	AGAP001662-PA	C7(Carbamidomethyl), C20(Carbamidomethyl),"C 7(Carbamidomethyl), N12(Deamidated), C20(Carbamidomethyl)"," C7(Carbamidomethyl), N13(Deamidated), C20(Carbamidomethyl)"," C7(Carbamidomethyl), N10(Deamidated), C20(Carbamidomethyl)"	44	8.15E-05	2	2628.070	2.9	Visceras	2R:-:7614660-7614592	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_105559	GNKNNYPTEASCGYHCK	AGAP001662-PA	C12(Carbamidomethyl), C16(Carbamidomethyl)	90	3.96E-09	1	1999.835	-1.57	Midgut	2R:-:7615840-7615790	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_106077	APSNNYLAIR	AGAP001662-PA	-	90	1.51E-08	2	1118.601	5.19	Ovary	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_106257	DVCHLPK	AGAP001662-PA	C3(Carbamidomethyl)	42	0.000582 81	1	868.435	0.46	Visceras	2R:-:7616196-7616176	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_106355	RPQGFAAPDR	AGAP001662-PA	-	35	0.003345 234	1	1114.575	-0.03	Midgut	2R:-:7620313-7620284	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_106437	ECLDLDHTGAPVCTGGK	AGAP001662-PA	C2(Carbamidomethyl), C13(Carbamidomethyl)	65	3.64E-06	1	1829.818	1.19	Visceras	2R:-:7622774-7622939,7622599-7622626	exon=> In CDS Exon 3 and 2 of transcript AGAP001662-PA
JHU_Ag_106898	YVVAAPAPARPAPPVDR	AGAP001662-PA	-	45	0.000237 314	1	1746.968	1.4	Salivary gland	2R:-:7611380-7611330	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_107335	APSNNYLAIR	AGAP001662-PA	-	71	1.26E-06	2	1118.599	3.33	Larva	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_107432	ASVDRPTGGQPGVPGPTVLEEVPQEE LDIK	AGAP001662-PA	-	138	1.26E-13	1	3114.601	1.62	Head	2R:-:7612438-7612349	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_107665	FWYGGCEGNNNRFDSAEECK	AGAP001662-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	56	5.35E-06	1	2439.983	4.76	Larva	2R:-:7616283-7616224	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_107895	APVDVDVR	AGAP001662-PA	-	55	2.71E-05	2	870.468	0.48	Malpighian tubule	2R:-:7614132-7614109	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_108375	FDSAEECKNICETPTGK	AGAP001662-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	76	1.59E-07	1	1985.857	-0.43	Midgut	2R:-:7616247-7616197	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_109513	ECNQGIICPEWYVGR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	111	9.34E-11	1	1880.844	1.34	Malpighian tubule	2R:-:7619704-7619660	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_109593	ASVDRPTGGQPGVPGPTVLEEVPQEE LDIKSEEGGIALLR	AGAP001662-PA	-	99	3.58E-10	1	4140.171	5.9	Malpighian tubule	2R:-:7612438-7612319	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_109763	EVQLTVNDPVPR	AGAP001662-PA	-	70	9.71E-07	1	1366.737	3.5	Ovary	2R:-:7612054-7612183,7611265-7611690	exon=> In CDS Exon 16 and 15 of transcript AGAP001662-PA

JHU_Ag_110116	YFSCNTQDCPER	AGAP001662-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	88	2.10E-09	1	1576.617	1.15	Malpighian tubule	2R:-:7622619-7622659,7619883-7620839	exon=> In CDS Exon 4 and 3 of transcript AGAP001662-PA
JHU_Ag_110344	DCNTDADCR	AGAP001662-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	44	3.91E-06	2	1126.389	-0.01	Malpighian tubule	2R:-:7612525-7612499	exon=> In CDS Exon 14 of transcript AGAP001662-PA
JHU_Ag_110364	HDCTEDEVIPVEVGSK	AGAP001662-PA	C3(Carbamidomethyl)	105	4.33E-10	1	1813.831	1.86	Malpighian tubule	2R:-:7618743-7618696	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_110693	TVTVYGYNLPAQINPQDERYMK	AGAP001662-PA	M21(Oxidation)	89	1.97E-08	1	2616.288	4.38	Malpighian tubule	2R:-:7611446-7611381	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_111782	TVVCGVFDGQSLKR	AGAP001662-PA	C4(Carbamidomethyl)	61	1.22E-05	1	1565.813	1.69	Male reproductive organs	2R:-:7619019-7618978	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_111814	APSNNYLAIR	AGAP001662-PA	-	76	4.08E-07	2	1118.597	1.37	Visceras	2R:-:7620436-7620407	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_112731	DVCHLPK	AGAP001662-PA	C3(Carbamidomethyl)	46	0.000195623	1	868.437	2.78	Larva	2R:-:7616196-7616176	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_112873	YVVAAPAPARPAPPVDR	AGAP001662-PA	-	53	3.61E-05	1	1746.967	1.08	Visceras	2R:-:7611380-7611330	exon=> In CDS Exon 16 of transcript AGAP001662-PA
JHU_Ag_113099	DVCHLPK	AGAP001662-PA	C3(Carbamidomethyl)	41	0.000655929	1	868.438	4.32	Ovary	2R:-:7616196-7616176	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_113374	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	98	2.11E-09	1	2201.088	0.35	Male reproductive organs	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_113854	ETDACHPFYFGGCK	AGAP001662-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	43	0.000191897	2	1688.691	4.79	Ovary	2R:-:7615882-7615841	exon=> In CDS Exon 8 of transcript AGAP001662-PA
JHU_Ag_114793	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	120	1.45E-11	1	2201.090	1.35	Visceras	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_114814	KIEDDVCLEQVGNKPATER	AGAP001662-PA	C7(Carbamidomethyl)	138	2.09E-13	1	2201.087	0.1	Salivary gland	2R:-:7619761-7619705	exon=> In CDS Exon 5 of transcript AGAP001662-PA
JHU_Ag_115781	APNPCELNCMPVGER	AGAP001662-PA	C5(Carbamidomethyl), C9(Carbamidomethyl),"C5 (Carbamidomethyl), C9(Carbamidomethyl), M10(Oxidation)"	110	6.41E-11	1	1759.764	4.59	Ovary	2R:-:7620751-7620707	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_115890	LTPCEYQWYTSQWSK	AGAP001662-PA	C4(Carbamidomethyl)	101	1.02E-09	1	1976.890	2.43	Head	2R:-:7619100-7619056	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_116128	EVDEGLCNLGEKPPTTQK	AGAP001662-PA	C7(Carbamidomethyl)	58	2.79E-05	1	2014.968	-3.53	Salivary gland	2R:-:7620058-7620005	exon=> In CDS Exon 4 of transcript AGAP001662-PA
JHU_Ag_116931	NMCAQFTYGGCLGNANR	AGAP001662-PA	M2(Oxidation), C3(Carbamidomethyl), C11(Carbamidomethyl)	105	1.20E-10	2	1949.812	3.33	Larva	2R:-:7616121-7616071	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_117040	TVVCGVFDGQSLK	AGAP001662-PA	C4(Carbamidomethyl)	84	6.09E-08	1	1409.716	5.02	Ovary	2R:-:7619019-7618981	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_117052	APVDVDVR	AGAP001662-PA	-	47	0.000159989	1	870.468	-0.29	Head	2R:-:7614132-7614109	exon=> In CDS Exon 11 of transcript AGAP001662-PA
JHU_Ag_117130	ISGPCTGHYNMWYYDAER	AGAP001662-PA	C5(Carbamidomethyl), M11(Oxidation)	103	1.64E-10	1	2235.930	3.26	Larva	2R:-:7616175-7616122	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_117172	GPHNQGCHCTHSEFK	AGAP001662-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	43	0.000156611	1	1795.738	-0.34	Midgut	2R:-:7616568-7616524	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_117595	HGCCPDGVSPAKGPNGK	AGAP001662-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), N15(Deamidated)	47	0.000144907	1	1738.768	2.63	Larva	2R:-:7617321-7617271	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_117806	ASGPFLEGCTLAETCK	AGAP001662-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	119	1.50E-11	1	1740.795	0.87	Head	2R:-:7617378-7617331	exon=> In CDS Exon 7 of transcript AGAP001662-PA
JHU_Ag_8358	TIVAQPAVAYAAPVAK	AGAP001664-PA	-	86	7.89E-09	1	1569.903	2.23	Pupa	2R:-:7639587-7639540	exon=> In CDS Exon 2 of transcript AGAP001664-PA

JHU_Ag_27549	TVVASPAISYAAPVAK	AGAP001664-PA	-	110	6.00E-11	1	1544.870	1.18	Pupa	2R:-:7639506-7639459	exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_42486	TISYAAPLATK	AGAP001664-PA	-	52	5.45E-05	1	1135.636	0.21	Pupa	2R:-:7639539-7639507	exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_48216	VAYAAAPAVVAAPVAK	AGAP001664-PA	-	105	1.42E-10	1	1468.853	0.44	Pupa	2R:-:7639908-7639861	exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_85775	TVVASPAISYAAPVAK	AGAP001664-PA	-	79	6.14E-08	2	1544.875	4.58	Larva	2R:-:7639506-7639459	exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_117547	LATPVAYTAALHH	AGAP001664-PA	-	81	8.98E-08	2	1364.733	0.68	Pupa	2R:-:7639458-7639420	exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_85595	VAYAAQPEEYDANPHYSFSYGISDALTGDSK	AGAP001664-PA,AGAP001666-PA	-	56	2.27E-05	1	3366.513	1.78	Pupa	2R:-:7639860-7639768;2R:-:7646022-7645930	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA
JHU_Ag_9587	SGDVVQGSYSVVDPDGTK	AGAP001664-PA,AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	88	2.14E-08	2	1809.852	1.05	Pupa	2R:-:7639749-7639696;2R:+:7656770-7656823;2R:-:7645911-7645858;2R:-:7652120-7652067;2R:-:7649370-7649317	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_30924	TIVAAAPVATK	AGAP001664-PA,AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	48	9.66E-05	1	1041.630	0.16	Head	2R:-:7639620-7639588;2R:+:7656899-7656931;2R:-:7645782-7645750;2R:-:7651991-7651959;2R:-:7649241-7649209	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_56287	SGDVVQGSYSVVDPDGTK	AGAP001664-PA,AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	117	2.93E-11	1	1809.853	1.8	Head	2R:-:7639749-7639696;2R:+:7656770-7656823;2R:-:7645911-7645858;2R:-:7652120-7652067;2R:-:7649370-7649317	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_77358	TIVAAAPVATK	AGAP001664-PA,AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	57	1.35E-05	1	1041.628	-1.95	Pupa	2R:-:7639620-7639588;2R:+:7656899-7656931;2R:-:7645782-7645750;2R:-:7651991-7651959;2R:-:7649241-7649209	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA

JHU_Ag_80127	SGDVVQGSYSVVDPDGTKR	AGAP001664-PA,AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	113	7.48E-11	1	1965.951	-0.36	Head	2R:-:7639749-7639693;2R:+:7656770-7656826;2R:-:7645911-7645855;2R:-:7652120-7652064;2R:-:7649370-7649314	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_111328	SGDVVQGSYSVVDPDGTKR	AGAP001664-PA,AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	133	7.70E-13	1	1965.952	0.57	Pupa	2R:-:7639749-7639693;2R:+:7656770-7656826;2R:-:7645911-7645855;2R:-:7652120-7652064;2R:-:7649370-7649314	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_41934	TVEYTADPHNGFNAVVHR	AGAP001664-PA,AGAP001669-PA,AGAP001668-PA	N13(Deamidated),N10(Deamidated)	55	4.65E-05	1	2027.961	1.75	Pupa	2R:-:7639692-7639639;2R:+:7656827-7656880;2R:-:7652063-7652010	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA
JHU_Ag_70894	TVEYTADPHNGFNAVVHREPLAAK	AGAP001664-PA,AGAP001669-PA,AGAP001668-PA	N13(Deamidated),N10(Deamidated)	77	3.10E-07	1	2637.316	3.98	Pupa	2R:-:7639692-7639621;2R:+:7656827-7656898;2R:-:7652063-7651992	exon=> In CDS Exon 2 of transcript AGAP001664-PA;exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA
JHU_Ag_46287	TYVSQPAISYAAPLAK	AGAP001666-PA	-	86	2.27E-08	2	1679.904	2.16	Head	2R:-:7645542-7645495	exon=> In CDS Exon 2 of transcript AGAP001666-PA
JHU_Ag_50474	TYVSQPAISYAAPLAK	AGAP001666-PA	-	73	4.46E-07	2	1679.905	2.81	Pupa	2R:-:7645542-7645495	exon=> In CDS Exon 2 of transcript AGAP001666-PA
JHU_Ag_31665	TVDYTADPHNGFNAVVR	AGAP001666-PA,AGAP001667-PA	N13(Deamidated),N10(Deamidated)	97	2.94E-09	1	1875.902	1.83	Head	2R:-:7645854-7645804;2R:-:7649313-7649263	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_65035	TVDYTADPHNGFNAVVR	AGAP001666-PA,AGAP001667-PA	N13(Deamidated),N10(Deamidated)	88	2.68E-08	1	1875.903	2.48	Pupa	2R:-:7645854-7645804;2R:-:7649313-7649263	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_102439	REPLAAK	AGAP001666-PA,AGAP001667-PA	-	40	0.000325888	2	784.467	-0.98	Head	2R:-:7645803-7645783;2R:-:7649262-7649242	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_464	TYVAQPALSYAAPLTK	AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	96	1.70E-09	1	1693.917	0.32	Head	2R:-:7645671-7645624;2R:-:7651880-7651833;2R:-:7649130-7649083	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_13195	TISYSAPLATK	AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	59	1.33E-05	1	1151.632	0.92	Pupa	2R:-:7645575-7645543;2R:-:7651784-7651752;2R:-:7649034-7649002	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA

JHU_Ag_26008	TYVSQPALSYAAPVAK	AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	Q5(Deamidated)	134	4.01E-13	1	1665.888	2.05	Head	2R:-:7645623-7645576;2R:-:7651832-7651785;2R:-:7649082-7649035	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_39312	TYVSQPALSYAAPAYAYHH	AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	121	1.16E-11	1	2110.004	0.39	Head	2R:-:7645494-7645438;2R:-:7651700-7651644;2R:-:7648950-7648894	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_56412	TYVSQPALSYAAPAYAYHH	AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	108	2.73E-10	1	2110.002	-0.19	Pupa	2R:-:7645494-7645438;2R:-:7651700-7651644;2R:-:7648950-7648894	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_89095	TYVSQPALSYAAPVAK	AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	140	1.11E-13	1	1665.887	1.17	Pupa	2R:-:7645623-7645576;2R:-:7651832-7651785;2R:-:7649082-7649035	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_100451	TYVAQPALSYAAPLTK	AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	118	9.00E-12	1	1693.920	2.2	Pupa	2R:-:7645671-7645624;2R:-:7651880-7651833;2R:-:7649130-7649083	exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_89598	TYVSQPAISYAAPLATK	AGAP001668-PA,AGAP001667-PA	-	71	7.07E-07	1	1780.961	7.14	Larva	2R:-:7651751-7651701;2R:-:7649001-7648951	exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_99311	TYVSQPAISYAAPLATK	AGAP001668-PA,AGAP001667-PA	-	90	8.12E-09	2	1780.955	3.78	Head	2R:-:7651751-7651701;2R:-:7649001-7648951	exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_116984	TYVSQPAISYAAPLATK	AGAP001668-PA,AGAP001667-PA	-	119	1.12E-11	1	1780.953	2.75	Pupa	2R:-:7651751-7651701;2R:-:7649001-7648951	exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_19704	TYVAQPALSYAAPLTK	AGAP001668-PA,AGAP001667-PA,AGAP001666-PA	-	72	4.03E-07	1	1693.923	4	Larva	2R:-:7651880-7651833;2R:-:7649130-7649083;2R:-:7645671-7645624	exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA
JHU_Ag_30375	TYVSQPALSYAAPAYAYHH	AGAP001668-PA,AGAP001667-PA,AGAP001666-PA	-	51	0.000114687	1	2110.012	4.14	Larva	2R:-:7651700-7651644;2R:-:7648950-7648894;2R:-:7645494-7645438	exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA

JHU_Ag_108281	TYVSQPALSYAAPVAK	AGAP001668-PA,AGAP001667-PA,AGAP001666-PA	-	84	3.84E-08	2	1665.891	3.8	Larva	2R:-:7651832-7651785;2R:-:7649082-7649035;2R:-:7645623-7645576	exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA
JHU_Ag_24094	TYVAQPTLSYAAPVAK	AGAP001669-PA	-	39	0.001175653	2	1679.906	3.18	Larva	2R:+:7657040-7657087	exon=> In CDS Exon 2 of transcript AGAP001669-PA
JHU_Ag_62491	TYVAQPTLSYAAPVAK	AGAP001669-PA	-	73	5.66E-07	2	1679.898	-1.11	Pupa	2R:+:7657040-7657087	exon=> In CDS Exon 2 of transcript AGAP001669-PA
JHU_Ag_82733	TYVSQPALSYAAPAYASYH	AGAP001669-PA	-	57	2.92E-05	1	2059.979	1.24	Pupa	2R:+:7657088-7657144	exon=> In CDS Exon 2 of transcript AGAP001669-PA
JHU_Ag_4231	TISYAAPVATK	AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	60	1.10E-05	1	1121.619	-0.96	Pupa	2R:+:7657007-7657039;2R:-:7645704-7645672;2R:-:7651913-7651881;2R:-:7649163-7649131	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_15355	VAYAAAPIAK	AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	71	7.09E-07	1	974.567	0.01	Pupa	2R:+:7656629-7656658;2R:-:7646052-7646023;2R:-:7652261-7652232;2R:-:7649511-7649482	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_15554	VIAQPAVAYAAPVAK	AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	114	1.96E-11	1	1468.852	-0.14	Pupa	2R:+:7656932-7656976;2R:-:7645749-7645705;2R:-:7651958-7651914;2R:-:7649208-7649164	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_18513	VIAQPAVAYAAPVAK	AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	112	2.99E-11	1	1468.852	-0.22	Head	2R:+:7656932-7656976;2R:-:7645749-7645705;2R:-:7651958-7651914;2R:-:7649208-7649164	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA
JHU_Ag_67306	VIAQPAVAYAAPVAK	AGAP001669-PA,AGAP001666-PA,AGAP001668-PA,AGAP001667-PA	-	80	4.36E-08	1	1468.855	1.77	Male reproductive organs	2R:+:7656932-7656976;2R:-:7645749-7645705;2R:-:7651958-7651914;2R:-:7649208-7649164	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA

JHU_Ag_9724	TVEYTADPHNGFNAVVHR	AGAP001669-PA,AGAP001668-PA,AGAP001664-PA	N13(Deamidated),N10(Deamidated)	40	0.001518031	1	2027.963	3.11	Larva	2R:+:7656827-7656880;2R:-:7652063-7652010;2R:-:7639692-7639639	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_17226	VIAQPAVAYAAPVAK	AGAP001669-PA,AGAP001668-PA,AGAP001667-PA,AGAP001666-PA	-	60	4.56E-06	2	1468.857	2.94	Larva	2R:+:7656932-7656976;2R:-:7651958-7651914;2R:-:7649208-7649164;2R:-:7645749-7645705	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA
JHU_Ag_88491	VAYAAAPIAK	AGAP001669-PA,AGAP001668-PA,AGAP001667-PA,AGAP001666-PA	-	35	0.002256146	1	974.568	0.59	Larva	2R:+:7656629-7656658;2R:-:7652261-7652232;2R:-:7649511-7649482;2R:-:7646052-7646023	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA
JHU_Ag_83625	TIVAAAPVATK	AGAP001669-PA,AGAP001668-PA,AGAP001667-PA,AGAP001666-PA,AGAP001664-PA	-	41	0.000372401	1	1041.634	3.09	Larva	2R:+:7656899-7656931;2R:-:7651991-7651959;2R:-:7649241-7649209;2R:-:7645782-7645750;2R:-:7639620-7639588	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_88980	SGDVVQGSYSVVDPDGTKR	AGAP001669-PA,AGAP001668-PA,AGAP001667-PA,AGAP001666-PA,AGAP001664-PA	-	112	1.07E-10	1	1965.956	2.62	Larva	2R:+:7656770-7656826;2R:-:7652120-7652064;2R:-:7649370-7649314;2R:-:7645911-7645855;2R:-:7639749-7639693	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_115220	SGDVVQGSYSVVDPDGTK	AGAP001669-PA,AGAP001668-PA,AGAP001667-PA,AGAP001666-PA,AGAP001664-PA	-	72	1.01E-06	2	1809.853	1.66	Larva	2R:+:7656770-7656823;2R:-:7652120-7652067;2R:-:7649370-7649317;2R:-:7645911-7645858;2R:-:7639749-7639696	exon=> In CDS Exon 2 of transcript AGAP001669-PA;exon=> In CDS Exon 2 of transcript AGAP001668-PA;exon=> In CDS Exon 2 of transcript AGAP001667-PA;exon=> In CDS Exon 2 of transcript AGAP001666-PA;exon=> In CDS Exon 2 of transcript AGAP001664-PA
JHU_Ag_30664	INVIVK	AGAP001670-PA	N2(Deamidated)	35	0.001675874	1	686.447	3.86	Larva	2R:-:7681559-7681542	exon=> In CDS Exon 2 of transcript AGAP001670-PA
JHU_Ag_10211	EIDEIDDILGDACSGR	AGAP001672-PA	C13(Carbamidomethyl)	41	0.000932017	2	1777.794	1.49	Male reproductive organs	2R:-:7784025-7783978	exon=> In CDS Exon 7 of transcript AGAP001672-PA

JHU_Ag_12134	LVILFK	AGAP001672-PA	-	29	6.05E-05	2	732.502	0.86	Male reproductive organs	2R:-:7785338-7785321	exon=> In CDS Exon 5 of transcript AGAP001672-PA
JHU_Ag_12152	LGHNTPIFEIK	AGAP001672-PA	-	39	0.000879633	1	1268.699	-0.42	Male reproductive organs	2R:-:7783347-7783315	exon=> In CDS Exon 7 of transcript AGAP001672-PA
JHU_Ag_12549	QLLAGIVANPNIVK	AGAP001672-PA	-	44	2.40E-05	1	1449.879	0.24	Male reproductive organs	2R:-:7780870-7780829	exon=> In CDS Exon 9 of transcript AGAP001672-PA
JHU_Ag_14588	GLSQTGAWGCFDEFNR	AGAP001672-PA	C10(Carbamidomethyl)	38	0.00122487	2	1844.803	0.61	Male reproductive organs	2R:-:7779685-7779638	exon=> In CDS Exon 10 of transcript AGAP001672-PA
JHU_Ag_15619	LGVIEAAFNNALAEK	AGAP001672-PA	-	51	9.99E-05	2	1559.845	1.3	Male reproductive organs	2R:-:7773763-7773719	exon=> In CDS Exon 13 of transcript AGAP001672-PA
JHU_Ag_16376	LIYETGCEEYR	AGAP001672-PA	C7(Carbamidomethyl)	48	0.000114775	2	1432.641	-0.04	Male reproductive organs	2R:-:7784571-7784539	exon=> In CDS Exon 7 of transcript AGAP001672-PA
JHU_Ag_17861	FDNIDKEFK	AGAP001672-PA	-	44	0.000424623	1	1155.569	0.88	Male reproductive organs	2R:-:7780897-7780871	exon=> In CDS Exon 9 of transcript AGAP001672-PA
JHU_Ag_19169	VMDENFK	AGAP001672-PA	M2(Oxidation)	38	0.000823053	1	898.395	-2.4	Male reproductive organs	2R:-:7783725-7783705	exon=> In CDS Exon 7 of transcript AGAP001672-PA
JHU_Ag_22731	LESLLEQLILCEK	AGAP001672-PA	C11(Carbamidomethyl)	63	4.57E-06	2	1587.868	1.21	Male reproductive organs	2R:-:7780798-7780760	exon=> In CDS Exon 9 of transcript AGAP001672-PA
JHU_Ag_25989	NALESVSTR	AGAP001672-PA	-	45	0.000514248	2	976.505	-1.18	Male reproductive organs	2R:-:7775582-7775556	exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_28679	MSAENATILTYSSR	AGAP001672-PA	M1(Oxidation)	45	0.000431463	2	1559.739	1.13	Male reproductive organs	2R:-:7773370-7773329	exon=> In CDS Exon 13 of transcript AGAP001672-PA
JHU_Ag_29608	LLEDDLLSR	AGAP001672-PA	-	50	0.000197206	2	1073.584	-0.21	Male reproductive organs	2R:-:7772771-7772745	exon=> In CDS Exon 14 of transcript AGAP001672-PA
JHU_Ag_38015	IAPAQAYQVDLIR	AGAP001672-PA	-	60	9.11E-06	2	1457.813	1.54	Male reproductive organs	2R:-:7782340-7782302	exon=> In CDS Exon 8 of transcript AGAP001672-PA
JHU_Ag_41563	LLHEIGK	AGAP001672-PA	-	34	0.0011286	2	809.487	-0.88	Male reproductive organs	2R:-:7782688-7782668	exon=> In CDS Exon 8 of transcript AGAP001672-PA
JHU_Ag_43271	AITELQNPAIR	AGAP001672-PA	-	67	1.21E-06	2	1225.690	0.01	Male reproductive organs	2R:-:7781860-7781828	exon=> In CDS Exon 8 of transcript AGAP001672-PA
JHU_Ag_44033	LSEFEKPNTQPINWTFR	AGAP001672-PA	-	46	0.000349351	1	2107.063	1.08	Male reproductive organs	2R:-:7785081-7785031	exon=> In CDS Exon 6 of transcript AGAP001672-PA
JHU_Ag_45343	ALDKDIEGSAK	AGAP001672-PA	-	47	0.000327887	1	1146.600	0.2	Male reproductive organs	2R:-:7772189-7772157	exon=> In CDS Exon 14 of transcript AGAP001672-PA
JHU_Ag_47433	LNGDNASLINIENR	AGAP001672-PA	-	91	1.12E-08	2	1542.789	1.44	Male reproductive organs	2R:-:7783827-7783786	exon=> In CDS Exon 7 of transcript AGAP001672-PA
JHU_Ag_49022	YVAYFLEQVSR	AGAP001672-PA	-	62	1.10E-05	2	1374.705	-0.19	Male reproductive organs	2R:-:7781065-7781033	exon=> In CDS Exon 9 of transcript AGAP001672-PA
JHU_Ag_54101	LLFEISNLR	AGAP001672-PA	-	41	0.000381238	1	1104.641	-0.5	Male reproductive organs	2R:-:7777751-7777725	exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_55220	DGLEEQLLAEVVK	AGAP001672-PA	-	70	9.99E-07	2	1442.774	-0.12	Male reproductive organs	2R:-:7772885-7772847	exon=> In CDS Exon 14 of transcript AGAP001672-PA
JHU_Ag_57805	GNALLIGVGGSGK	AGAP001672-PA	-	60	8.97E-06	2	1142.653	-0.31	Male reproductive organs	2R:-:7776089-7776051	exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_59590	ISLFDIR	AGAP001672-PA	-	48	0.000116009	2	863.498	-0.27	Male reproductive organs	2R:-:7782295-7782275	exon=> In CDS Exon 8 of transcript AGAP001672-PA
JHU_Ag_61048	YDYEYLGNTPR	AGAP001672-PA	-	63	4.74E-06	2	1390.628	0.77	Male reproductive organs	2R:-:7780039-7780007	exon=> In CDS Exon 9 of transcript AGAP001672-PA
JHU_Ag_67337	DLQFEFDPHER	AGAP001672-PA	-	62	5.76E-06	1	1432.650	0.67	Male reproductive organs	2R:-:7781188-7781156	exon=> In CDS Exon 9 of transcript AGAP001672-PA
JHU_Ag_75284	VYGDKLVEER	AGAP001672-PA	-	50	0.000166796	2	1207.627	-3.96	Male reproductive organs	2R:-:7776401-7776372	exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_79366	VETGQAFQWQSQLR	AGAP001672-PA	-	58	2.62E-05	2	1677.838	1.88	Male reproductive organs	2R:-:7780141-7780100	exon=> In CDS Exon 9 of transcript AGAP001672-PA

JHU_Ag_90788	ISQIIDSLEFYK	AGAP001672-PA	-	51	8.06E-05	2	1455.774	0.4	Male reproductive organs	2R:-:7785230-7785461,7784701-7785109	exon=> In CDS Exon 6 and 5 of transcript AGAP001672-PA
JHU_Ag_92950	DIDNFNK	AGAP001672-PA	-	51	0.000100251	1	865.407	2.22	Male reproductive organs	2R:-:7776371-7776351	exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_93425	DIDNHVQELR	AGAP001672-PA	-	43	0.00074017	1	1238.611	-1.16	Male reproductive organs	2R:-:7786322-7786293	exon=> In CDS Exon 2 of transcript AGAP001672-PA
JHU_Ag_95764	LVLCFSPVGSTLR	AGAP001672-PA	C4(Carbamidomethyl)	42	0.000511073	2	1448.794	0.89	Male reproductive organs	2R:-:7775690-7775652	exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_99162	AQQYYATGEALWAAR	AGAP001672-PA	-	48	0.00024904	2	1698.824	0.31	Male reproductive organs	2R:-:7784151-7784107	exon=> In CDS Exon 7 of transcript AGAP001672-PA
JHU_Ag_101517	IVEWYNEICK	AGAP001672-PA	C9(Carbamidomethyl)	39	0.001895898	1	1353.653	1.45	Male reproductive organs	2R:-:7784091-7784062	exon=> In CDS Exon 7 of transcript AGAP001672-PA
JHU_Ag_101719	YGDELTVLR	AGAP001672-PA	-	69	1.66E-06	2	1065.557	-0.23	Male reproductive organs	2R:-:7773185-7773159	exon=> In CDS Exon 14 of transcript AGAP001672-PA
JHU_Ag_102134	GYLDVIER	AGAP001672-PA	-	50	0.000121541	2	964.512	2.23	Male reproductive organs	2R:-:7773146-7773123	exon=> In CDS Exon 14 of transcript AGAP001672-PA
JHU_Ag_105039	ALNDYLETK	AGAP001672-PA	-	42	0.000816468	2	1066.541	-0.57	Male reproductive organs	2R:-:7780759-7780733	exon=> In CDS Exon 9 of transcript AGAP001672-PA
JHU_Ag_111676	KIQEIYDDYNK	AGAP001672-PA	-	44	0.000526035	2	1428.701	0.28	Male reproductive organs	2R:-:7784892-7784860	exon=> In CDS Exon 6 of transcript AGAP001672-PA
JHU_Ag_113328	ILSVLNK	AGAP001672-PA	N6(Deamidated)	31	0.002821374	1	787.504	14.36	Midgut	2R:-:7782532-7782512	exon=> In CDS Exon 8 of transcript AGAP001672-PA
JHU_Ag_50045	ILHAK	AGAP001673-PA	-	24	0.005867917	1	581.375	-3.09	Head	2R:+:7825510-7825524	exon=> In CDS Exon 3 of transcript AGAP001673-PA
JHU_Ag_92705	QLVQWLIQMKPK	AGAP001673-PA	Q1(Deamidated), Q4(Deamidated), Q8(Deamidated)	55	2.73E-05	2	1514.834	3.14	Midgut	2R:+:7825597-7825632	exon=> In CDS Exon 3 of transcript AGAP001673-PA
JHU_Ag_97483	QLVQWLIQMKPK	AGAP001673-PA	Q1(Deamidated), Q4(Deamidated), Q8(Deamidated)	40	0.001072198	1	1514.825	-2.26	Malpighian tubule	2R:+:7825597-7825632	exon=> In CDS Exon 3 of transcript AGAP001673-PA
JHU_Ag_104098	QLVQWLIQMKPK	AGAP001673-PA	Q1(Deamidated), Q4(Deamidated), Q8(Deamidated)	51	7.98E-05	1	1514.829	0.16	Ovary	2R:+:7825597-7825632	exon=> In CDS Exon 3 of transcript AGAP001673-PA
JHU_Ag_15207	QLFILNNQAK	AGAP001675-PA	-	28	0.013412794	1	1188.674	0.14	Midgut	2R:+:7856958-7856987	exon=> In CDS Exon 2 of transcript AGAP001675-PA
JHU_Ag_20941	ADAESMAQNVLGDIR	AGAP001675-PA	M6(Oxidation)	49	0.000137051	2	1605.752	-1.05	Midgut	2R:+:7857120-7857164	exon=> In CDS Exon 3 of transcript AGAP001675-PA
JHU_Ag_55272	FGNNANEPAEHWFER	AGAP001675-PA	-	112	5.21E-11	1	1817.798	-0.66	Midgut	2R:+:7856476-7856520	exon=> In CDS Exon 1 of transcript AGAP001675-PA
JHU_Ag_78657	NLQFVGLHVR	AGAP001675-PA	-	46	0.00011148	1	1182.674	-0.11	Midgut	2R:+:7857204-7857233	exon=> In CDS Exon 3 of transcript AGAP001675-PA
JHU_Ag_82611	EDDELPYEYYYR	AGAP001675-PA	-	67	8.46E-07	2	1654.691	0.33	Midgut	2R:+:7857234-7857269	exon=> In CDS Exon 3 of transcript AGAP001675-PA
JHU_Ag_82694	GSGNVVVYGEQNDR	AGAP001675-PA	-	45	0.000419314	2	1493.698	-0.11	Midgut	2R:+:7857492-7857533	exon=> In CDS Exon 3 of transcript AGAP001675-PA
JHU_Ag_22615	DAYVGDEAQSKR	AGAP001676-PA	-	63	7.58E-06	1	1338.627	-0.84	Midgut	2R:-:8003233-8003198	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_28562	TTGVVLDSGDGVSHTVPIYEGYALPHAILR	AGAP001676-PA	-	104	2.21E-10	1	3137.647	6.45	Larva	2R:-:8002942-8002853	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_29209	DAYVGDEAQSK	AGAP001676-PA	-	87	1.46E-08	1	1182.526	-0.91	Pupa	2R:-:8003233-8003201	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_46665	DAYVGDEAQSKR	AGAP001676-PA	-	97	2.83E-09	1	1338.631	1.9	Visceras	2R:-:8003233-8003198	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_49340	DAYVGDEAQSK	AGAP001676-PA	-	73	3.53E-07	2	1182.528	0.64	Head	2R:-:8003233-8003201	exon=> In CDS Exon 1 of transcript AGAP001676-PA

JHU_Ag_61375	TTGVVLDSGDGVSHTVPIYEGYALPHAILR	AGAP001676-PA	-	188	1.20E-18	1	3137.631	1.31	Pupa	2R:-:8002942-8002853	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_77607	HQGVMVGMGNKDAYVGDEAQSK	AGAP001676-PA	M5(Oxidation), M8(Oxidation)	80	1.08E-07	1	2353.046	-3.58	Pupa	2R:-:8003266-8003201	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_89514	DAYVGDEAQSKR	AGAP001676-PA	-	76	3.96E-07	1	1338.628	-0.29	Head	2R:-:8003233-8003198	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_94419	DAYVGDEAQSK	AGAP001676-PA	-	89	1.06E-08	1	1182.527	-0.4	Visceras	2R:-:8003233-8003201	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_95486	DAYVGDEAQSK	AGAP001676-PA	-	78	1.12E-07	1	1182.528	0.53	Malpighian tubule	2R:-:8003233-8003201	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_97147	DAYVGDEAQSKR	AGAP001676-PA	-	93	7.09E-09	1	1338.630	1.08	Malpighian tubule	2R:-:8003233-8003198	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_107293	DAYVGDEAQSKR	AGAP001676-PA	Q9(Deamidated)	97	2.89E-09	1	1338.628	-0.48	Pupa	2R:-:8003233-8003198	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_109924	TTGVVLDSGDGVSHTVPIYEGYALPHAILR	AGAP001676-PA	-	156	1.81E-15	1	3137.632	1.55	Visceras	2R:-:8002942-8002853	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_110957	DAYVGDEAQSKR	AGAP001676-PA	-	50	0.000117734	1	1338.626	-1.66	Larva	2R:-:8003233-8003198	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_113718	TTGVVLDSGDGVSHTVPIYEGYALPHAILR	AGAP001676-PA	-	161	5.99E-16	1	3137.623	-1.14	Midgut	2R:-:8002942-8002853	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_114245	DAYVGDEAQSK	AGAP001676-PA	-	65	3.65E-06	2	1182.535	6.42	Midgut	2R:-:8003233-8003201	exon=> In CDS Exon 1 of transcript AGAP001676-PA
JHU_Ag_14541	HQGVMVGMGNK	AGAP001676-PA,AGAP011514-PA	M8(Oxidation)	29	0.008659458	1	1173.551	0.68	Midgut	2R:-:8003266-8003234;3L:-:26294639-26294607	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_28673	HQGVMVGMGNK	AGAP001676-PA,AGAP011514-PA	M5(Oxidation)	68	1.25E-06	1	1173.550	0.06	Pupa	2R:-:8003266-8003234;3L:-:26294639-26294607	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_72590	HQGVMVGMGNK	AGAP001676-PA,AGAP011514-PA	M5(Oxidation), M8(Oxidation)	52	6.27E-05	1	1189.546	0.94	Visceras	2R:-:8003266-8003234;3L:-:26294639-26294607	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_112868	HQGVMVGMGNK	AGAP001676-PA,AGAP011514-PA	M5(Oxidation),M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	59	8.67E-06	1	1173.546	-3.38	Head	2R:-:8003266-8003234;3L:-:26294639-26294607	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_2392	HEYDEGGPGIVHR	AGAP001676-PA,AGAP011515-PA	-	106	2.82E-10	1	1465.682	-0.08	Pupa	2R:-:8002216-8002178;3L:-:26299376-26299338	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_3063	EITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	-	57	1.73E-05	1	1159.657	0.04	Pupa	2R:-:8002348-8002316;3L:-:26299508-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_3687	DLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	M14(Oxidation)	91	1.36E-08	1	2217.049	-0.09	Salivary gland	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_4080	HEYDEGGPGIVHR	AGAP001676-PA,AGAP011515-PA	-	111	9.54E-11	1	1465.676	-4.15	Head	2R:-:8002216-8002178;3L:-:26299376-26299338	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_9874	DLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	M14(Oxidation)	119	2.08E-11	1	2217.056	3.18	Head	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_11566	FRAPEALFQPSFLGMESTGIHETVYNSIMR	AGAP001676-PA,AGAP011515-PA	M15(Oxidation)	72	9.02E-07	1	3444.692	5.84	Malpighian tubule	2R:-:8002621-8002532;3L:-:26299691-26299602	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_16909	LCYVALDFEQEMQAAAASSSSEK	AGAP001676-PA,AGAP011515-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)","C2(Carbamidomethyl), M12(Oxidation), Q13(Deamidated)"	157	2.08E-15	2	2535.138	-0.16	Visceras	2R:-:8002738-8002670;3L:-:26299808-26299740	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_27526	DLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	N5(Deamidated),"N5(Deamidated), M14(Oxidation)",M14(Oxidation)	143	8.02E-14	1	2217.049	0.02	Visceras	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_30816	HEYDEGGPGIVHRK	AGAP001676-PA,AGAP011515-PA	-	89	2.14E-08	1	1593.777	0.11	Visceras	2R:-:8002216-8002175;3L:-:26299376-26299335	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_30975	EITSLAPSTIKIK	AGAP001676-PA,AGAP011515-PA	-	45	4.06E-05	1	1400.840	2.97	Malpighian tubule	2R:-:8002348-8002310;3L:-:26299508-26299470	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_36313	HEYDEGGPGIVHR	AGAP001676-PA,AGAP011515-PA	-	50	0.000130 93	1	1465.685	1.84	Malpighian tubule	2R:-:8002216-8002178;3L:-:26299376-26299338	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_36558	APEALFQPSFLGMESTGIHETVYNSIMR	AGAP001676-PA,AGAP011515-PA	M13(Oxidation), M27(Oxidation),M27(Oxidation),M13(Oxidation)	150	1.24E-14	1	3125.515	2.64	Head	2R:-:8002615-8002532;3L:-:26299685-26299602	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_39676	MQKEITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	M1(Oxidation)	63	4.90E-06	1	1562.846	0.38	Pupa	2R:-:8002357-8002316;3L:-:26299517-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_47809	EITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	-	33	0.004864 072	2	1159.659	2.19	Ovary	2R:-:8002348-8002316;3L:-:26299508-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_49584	EITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	-	48	0.000165 579	1	1159.655	-2.06	Head	2R:-:8002348-8002316;3L:-:26299508-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_51113	HEYDEGGPGIVHR	AGAP001676-PA,AGAP011515-PA	-	112	6.83E-11	1	1465.680	-1.02	Visceras	2R:-:8002216-8002178;3L:-:26299376-26299338	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_51794	EKLCYVALDFEQEMQAAAASSSSEK	AGAP001676-PA,AGAP011515-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M14(Oxidation)"	116	3.16E-11	1	2792.285	3.26	Visceras	2R:-:8002744-8002670;3L:-:26299814-26299740	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_52735	APEALFQPSFLGMESTGIHETVYNSIMR	AGAP001676-PA,AGAP011515-PA	-	175	3.63E-17	1	3125.499	-2.75	Midgut	2R:-:8002615-8002532;3L:-:26299685-26299602	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_52953	KDLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	M15(Oxidation)	142	1.19E-13	1	2329.150	0.46	Visceras	2R:-:8002513-8003386,8002166-8002358;3L:-:26299583-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_58610	DLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	M14(Oxidation)	81	1.26E-07	2	2217.052	1.23	Malpighian tubule	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_58847	LCYVALDFEQEMQAAAASSSSEK	AGAP001676-PA,AGAP011515-PA	C2(Carbamidomethyl)	121	9.11E-12	2	2535.142	1.77	Head	2R:-:8002738-8002670;3L:-:26299808-26299740	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_62624	FRAPEALFQPSFLGMESTGIHETVYNSIMR	AGAP001676-PA,AGAP011515-PA	M15(Oxidation),M29(Oxidation),"M15(Oxidation), M29(Oxidation)"	157	2.52E-15	1	3428.691	4.12	Visceras	2R:-:8002621-8002532;3L:-:26299691-26299602	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_64511	EITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	-	58	1.64E-05	1	1159.656	-0.8	Visceras	2R:-:8002348-8002316;3L:-:26299508-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_69068	EITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	-	36	0.002107637	2	1159.661	3.66	Larva	2R:-:8002348-8002316;3L:-:26299508-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_69929	APEALFQPSFLGMESTGIHETVYNSIMR	AGAP001676-PA,AGAP011515-PA	M13(Oxidation),M27(Oxidation),M27(Oxidation),M13(Oxidation)	161	1.02E-15	1	3141.504	0.67	Pupa	2R:-:8002615-8002532;3L:-:26299685-26299602	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_77272	MDLAGRDLTDYLMK	AGAP001676-PA,AGAP011515-PA	M1(Oxidation),M13(Oxidation),M13(Oxidation)	44	0.000545243	1	1673.792	2.72	Malpighian tubule	2R:-:8002852-8002811;3L:-:26299922-26299881	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_79939	EITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	-	49	0.000125104	2	1159.657	-0.13	Midgut	2R:-:8002348-8002316;3L:-:26299508-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_80123	FRAPEALFQPSFLGMESTGIHETVYNSIMR	AGAP001676-PA,AGAP011515-PA	M15(Oxidation),M29(Oxidation),"M15(Oxidation), M29(Oxidation)"	95	4.23E-09	1	3444.678	1.94	Pupa	2R:-:8002621-8002532;3L:-:26299691-26299602	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_81930	DLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	M14(Oxidation)	130	1.83E-12	1	2217.050	0.13	Midgut	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA

JHU_Ag_82014	HEYDEGGPGIVHR	AGAP001676-PA,AGAP011515-PA	-	87	2.10E-08	1	1465.684	1.51	Midgut	2R:-:8002216-8002178;3L:-:26299376-26299338	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_85321	DLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	N5(Deamidated),"N5(Deamidated), M14(Oxidation)",M14(Oxidation)	150	1.57E-14	2	2217.051	0.9	Pupa	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_92501	LCYVALDFEQEMQAAAASSSSEK	AGAP001676-PA,AGAP011515-PA	C2(Carbamidomethyl)	148	1.91E-14	2	2535.148	3.98	Pupa	2R:-:8002738-8002670;3L:-:26299808-26299740	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_96641	APEALFQPSFLGMESTGIHETVYNSIMR	AGAP001676-PA,AGAP011515-PA	M13(Oxidation), M27(Oxidation),N24(Deamidated),M27(Oxidation), M13(Oxidation)	197	2.24E-19	1	3125.517	3.11	Visceras	2R:-:8002615-8002532;3L:-:26299685-26299602	exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_97010	MQKEITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	M1(Oxidation)	87	1.44E-08	1	1546.853	1.51	Malpighian tubule	2R:-:8002357-8002316;3L:-:26299517-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_103240	HEYDEGGPGIVHRK	AGAP001676-PA,AGAP011515-PA	-	98	2.39E-09	1	1593.778	0.8	Pupa	2R:-:8002216-8002175;3L:-:26299376-26299335	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_103775	EITSLAPSTIK	AGAP001676-PA,AGAP011515-PA	-	51	7.65E-05	1	1159.656	-0.38	Malpighian tubule	2R:-:8002348-8002316;3L:-:26299508-26299476	exon=> In CDS Exon 2 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_105187	DLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	M14(Oxidation)	86	3.80E-08	2	2217.052	1.12	Larva	2R:-:8002510-8003386,8002166-8002358;3L:-:26299580-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_107032	KDLYANSVLSGGTTMYPGIADR	AGAP001676-PA,AGAP011515-PA	M15(Oxidation),"N6(Deamidated), M15(Oxidation)"	116	4.19E-11	1	2345.141	-1.23	Pupa	2R:-:8002513-8003386,8002166-8002358;3L:-:26299583-26299518	exon=> In CDS Exon 2 and 1 of transcript AGAP001676-PA;exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_2035	WSIQSTTGDIPASK	AGAP001678-PA,AGAP001678-PB	-	80	1.94E-07	2	1490.749	0.14	Visceras	2R:-:8061167-8061225,8060888-8061053;2R:-:8061167-8061225,8060888-8061053	exon=> In CDS Exon 20 and 19 of transcript AGAP001678-PA;exon=> In CDS Exon 19 and 18 of transcript AGAP001678-PB
JHU_Ag_2953	VNHPPPGVQYTGPNSEELVR	AGAP001678-PA,AGAP001678-PB	-	50	0.000160267	1	2190.111	7.95	Midgut	2R:-:8061907-8061848;2R:-:8061907-8061848	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_5056	STPVPFALAPPPAASPAFGDR	AGAP001678-PA,AGAP001678-PB	-	40	0.001122729	1	2066.081	5.05	Malpighian tubule	2R:-:8081923-8081861;2R:-:8081923-8081861	exon=> In CDS Exon 7 of transcript AGAP001678-PA;exon=> In CDS Exon 7 of transcript AGAP001678-PB

JHU_Ag_5301	SETEPDNSPMGGSPRPETPAFPVTPR	AGAP001678-PA,AGAP001678-PB	M10(Oxidation)	80	1.23E-07	1	2753.292	2.92	Head	2R:-:8063438-8063361;2R:-:8063438-8063361	exon=> In CDS Exon 14 of transcript AGAP001678-PA;exon=> In CDS Exon 14 of transcript AGAP001678-PB
JHU_Ag_13939	EDSRPFTYGNIPATGTPQQPPAATMLK	AGAP001678-PA,AGAP001678-PB	M25(Oxidation)	46	0.000326174	1	2904.421	0.28	Head	2R:-:8077106-8077026;2R:-:8077106-8077026	exon=> In CDS Exon 11 of transcript AGAP001678-PA;exon=> In CDS Exon 11 of transcript AGAP001678-PB
JHU_Ag_17971	RSPSSADNQCHVFCELEPTQPAAAIIQFANK	AGAP001678-PA,AGAP001678-PB	C10(Carbamidomethyl), C14(Carbamidomethyl)	50	0.000116169	3	3486.663	2.8	Head	2R:-:8061028-8060936;2R:-:8061028-8060936	exon=> In CDS Exon 20 of transcript AGAP001678-PA;exon=> In CDS Exon 19 of transcript AGAP001678-PB
JHU_Ag_26626	FQHLLR	AGAP001678-PA,AGAP001678-PB	-	33	0.002331812	1	813.476	3.75	Head	2R:-:8081296-8081279;2R:-:8081296-8081279	exon=> In CDS Exon 9 of transcript AGAP001678-PA;exon=> In CDS Exon 9 of transcript AGAP001678-PB
JHU_Ag_32752	AVSSLLALRPLPKPTQVHFK	AGAP001678-PA,AGAP001678-PB	-	69	5.56E-08	1	2202.317	2.05	Head	2R:-:8061426-8061367;2R:-:8061426-8061367	exon=> In CDS Exon 18 of transcript AGAP001678-PA;exon=> In CDS Exon 17 of transcript AGAP001678-PB
JHU_Ag_35761	HFLVEPTIR	AGAP001678-PA,AGAP001678-PB	-	47	0.000124885	1	1111.625	-1.21	Head	2R:-:8061847-8061821;2R:-:8061847-8061821	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_37324	TQELVNQNETLSCYTSR	AGAP001678-PA,AGAP001678-PB	C13(Carbamidomethyl)	73	6.04E-07	1	2042.947	1.1	Head	2R:-:8062165-8062115;2R:-:8062165-8062115	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_39181	DSTTFANAYGLVVK	AGAP001678-PA,AGAP001678-PB	-	40	0.001322261	1	1485.757	-1.05	Male reproductive organs	2R:-:8061949-8061908;2R:-:8061949-8061908	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_43810	VNHPPPGVQYTGPNSEELVR	AGAP001678-PA,AGAP001678-PB	-	62	9.35E-06	1	2190.095	0.51	Visceras	2R:-:8061907-8061848;2R:-:8061907-8061848	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_48984	HFLVEPTIR	AGAP001678-PA,AGAP001678-PB	-	37	0.001331385	1	1111.626	0.44	Male reproductive organs	2R:-:8061847-8061821;2R:-:8061847-8061821	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_60833	ASLQGITLTDNTR	AGAP001678-PA,AGAP001678-PB	-	53	7.11E-05	2	1389.741	5.29	Malpighian tubule	2R:-:8061366-8061328;2R:-:8061366-8061328	exon=> In CDS Exon 18 of transcript AGAP001678-PA;exon=> In CDS Exon 17 of transcript AGAP001678-PB
JHU_Ag_65966	SETEPDNSPMGGSPRPETPAFPVTPR	AGAP001678-PA,AGAP001678-PB	M10(Oxidation)	78	1.88E-07	1	2769.277	-0.57	Male reproductive organs	2R:-:8063438-8063361;2R:-:8063438-8063361	exon=> In CDS Exon 14 of transcript AGAP001678-PA;exon=> In CDS Exon 14 of transcript AGAP001678-PB
JHU_Ag_69885	EHSNSFSYNYGSPAFPTAGENAYSTTHR	AGAP001678-PA,AGAP001678-PB	-	172	3.74E-17	1	3092.325	-4.91	Head	2R:-:8066592-8066662,8066291-8066426;2R:-:8066592-8066662,8066291-8066426	exon=> In CDS Exon 13 and 12 of transcript AGAP001678-PA;exon=> In CDS Exon 13 and 12 of transcript AGAP001678-PB

JHU_Ag_72584	ASLQGITLTDNTR	AGAP001678-PA,AGAP001678-PB	-	83	6.83E-08	1	1389.738	3.62	Male reproductive organs	2R:-:8061366-8061328;2R:-:8061366-8061328	exon=> In CDS Exon 18 of transcript AGAP001678-PA;exon=> In CDS Exon 17 of transcript AGAP001678-PB
JHU_Ag_75013	VLSGTSQQPAVTR	AGAP001678-PA,AGAP001678-PB	-	89	1.62E-08	2	1343.728	0.47	Head	2R:-:8060935-8060897;2R:-:8060935-8060897	exon=> In CDS Exon 20 of transcript AGAP001678-PA;exon=> In CDS Exon 19 of transcript AGAP001678-PB
JHU_Ag_80484	DSTTFANAYGLVVK	AGAP001678-PA,AGAP001678-PB	-	93	7.99E-09	2	1485.760	1.33	Head	2R:-:8061949-8061908;2R:-:8061949-8061908	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_81431	THSTERPFVAVQR	AGAP001678-PA,AGAP001678-PB	-	60	1.38E-05	1	1527.797	-3.47	Head	2R:-:8066362-8066324;2R:-:8066362-8066324	exon=> In CDS Exon 13 of transcript AGAP001678-PA;exon=> In CDS Exon 13 of transcript AGAP001678-PB
JHU_Ag_99278	VNHPPPGVQYTGPNSEELVR	AGAP001678-PA,AGAP001678-PB	-	56	3.92E-05	1	2190.093	-0.33	Male reproductive organs	2R:-:8061907-8061848;2R:-:8061907-8061848	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_103595	VLSGTSQQPAVTR	AGAP001678-PA,AGAP001678-PB	-	57	2.56E-05	2	1343.731	2.1	Male reproductive organs	2R:-:8060935-8060897;2R:-:8060935-8060897	exon=> In CDS Exon 20 of transcript AGAP001678-PA;exon=> In CDS Exon 19 of transcript AGAP001678-PB
JHU_Ag_103741	DSTTFANAYGLVVK	AGAP001678-PA,AGAP001678-PB	-	46	0.000338682	2	1485.756	-1.38	Midgut	2R:-:8061949-8061908;2R:-:8061949-8061908	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_116585	VNHPPPGVQYTGPNSEELVR	AGAP001678-PA,AGAP001678-PB	-	92	1.07E-08	1	2190.099	2.43	Head	2R:-:8061907-8061848;2R:-:8061907-8061848	exon=> In CDS Exon 16 of transcript AGAP001678-PA;exon=> In CDS Exon 15 of transcript AGAP001678-PB
JHU_Ag_10546	LAIYNTDALR	AGAP001680-PA	-	43	0.000516422	2	1149.626	-0.44	Male reproductive organs	2R:+:8185453-8185482	exon=> In CDS Exon 1 of transcript AGAP001680-PA
JHU_Ag_110393	FRDVASEHPDWAFVAANR	AGAP001680-PA	-	53	9.09E-05	1	2088.011	2.82	Male reproductive organs	2R:+:8185366-8185419	exon=> In CDS Exon 1 of transcript AGAP001680-PA
JHU_Ag_114069	ILMAIAAQYQCAVVSNDR	AGAP001680-PA	M3(Oxidation), C11(Carbamidomethyl)	73	8.43E-07	2	2039.003	-0.97	Male reproductive organs	2R:+:8185312-8185365	exon=> In CDS Exon 1 of transcript AGAP001680-PA
JHU_Ag_116106	TVLLDACNVSHYQNR	AGAP001680-PA	C7(Carbamidomethyl)	80	1.48E-07	1	1789.865	-0.28	Male reproductive organs	2R:+:8185054-8185098	exon=> In CDS Exon 1 of transcript AGAP001680-PA
JHU_Ag_783	SFLLLGGTVR	AGAP001681-PA	-	56	7.83E-06	2	1062.629	-1.38	Male reproductive organs	2R:+:8218731-8218760	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_7736	IGGGQLIGEMQEFAQKVQR	AGAP001681-PA	-	69	1.29E-06	1	2089.100	6.73	Malpighian tubule	2R:+:8220541-8220597	exon=> In CDS Exon 2 of transcript AGAP001681-PA
JHU_Ag_10429	LAEGLESLLPK	AGAP001681-PA	-	43	0.000289304	2	1169.679	0.71	Male reproductive organs	2R:+:8219661-8219693	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_15614	NHNGPYEYYENPLTTNR	AGAP001681-PA	-	89	1.20E-08	1	2081.930	-0.7	Malpighian tubule	2R:+:8218602-8218652	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_15835	QAIENIEAEDPPIFLR	AGAP001681-PA	-	37	0.002647192	1	1854.955	-2.4	Male reproductive organs	2R:+:8219919-8219966	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_19519	LEIIPNLLR	AGAP001681-PA	-	31	0.000407352	2	1080.684	5.81	Salivary gland	2R:+:8219754-8219780	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_20357	LAEGLESLLPK	AGAP001681-PA	-	65	1.74E-06	2	1169.684	4.99	Malpighian tubule	2R:+:8219661-8219693	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_23241	GIFGPIFVVVMK	AGAP001681-PA	M11(Oxidation)	46	7.80E-05	2	1322.760	4.45	Head	2R:+:8218371-8218406	exon=> In CDS Exon 1 of transcript AGAP001681-PA

JHU_Ag_23550	DTINILQLLTSETK	AGAP001681-PA	-	51	7.01E-05	2	1588.879	-0.44	Male reproductive organs	2R:+:8220162-8220203	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_40637	VLIVDPTYCAVK	AGAP001681-PA	C9(Carbamidomethyl)	43	0.000514 24	2	1377.745	0.33	Ovary	2R:+:8218944-8218979	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_43161	GFSPQTQQPVNLPLVGVAVSR	AGAP001681-PA	-	34	0.001871 104	3	2194.205	3.03	Malpighian tubule	2R:+:8219418-8219480	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_53347	GIFGPIFVVVMK	AGAP001681-PA	M11(Oxidation)	37	0.000734 567	2	1322.753	-1.09	Salivary gland	2R:+:8218371-8218406	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_61476	IFLITLNK	AGAP001681-PA	-	42	4.78E-05	2	961.609	0.78	Salivary gland	2R:+:8217867-8217890	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_63753	GIFGPIFVVVMK	AGAP001681-PA	M11(Oxidation)	35	0.001329 792	2	1322.752	-1.83	Midgut	2R:+:8218371-8218406	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_64097	DTINILQLLTSETK	AGAP001681-PA	-	73	4.03E-07	1	1588.881	1.32	Malpighian tubule	2R:+:8220162-8220203	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_69130	SFLLLGGTVR	AGAP001681-PA	-	52	2.24E-05	2	1062.631	0	Malpighian tubule	2R:+:8218731-8218760	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_71581	ASHAATLAAAAAATK	AGAP001681-PA	-	75	2.47E-07	2	1325.722	3.83	Malpighian tubule	2R:+:8220856-8220900	exon=> In CDS Exon 2 of transcript AGAP001681-PA
JHU_Ag_72806	IGGGQLIGEMQEFAQK	AGAP001681-PA	-	48	0.000233 497	2	1705.867	5.41	Malpighian tubule	2R:+:8220541-8220588	exon=> In CDS Exon 2 of transcript AGAP001681-PA
JHU_Ag_74549	QAIENIEAEDPPIFLR	AGAP001681-PA	-	98	1.62E-09	2	1854.968	4.51	Malpighian tubule	2R:+:8219919-8219966	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_78366	LALIFLGYTTPPPDSDGIK	AGAP001681-PA	-	48	0.000154 505	2	2018.088	1.92	Ovary	2R:+:8218494-8218550	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_80392	EASQIDTLEPAK	AGAP001681-PA	-	41	0.001295	2	1301.660	1.1	Malpighian tubule	2R:+:8219382-8219417	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_80915	DTINILQLLTSETK	AGAP001681-PA	-	64	3.20E-06	2	1588.880	0.71	Ovary	2R:+:8220162-8220203	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_83405	VLIVDPTYCAVK	AGAP001681-PA	C9(Carbamidomethyl)	35	0.003355 24	2	1377.748	2.37	Head	2R:+:8218944-8218979	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_86524	GIFGPIFVVVMK	AGAP001681-PA	M11(Oxidation)	42	0.000190 495	2	1322.762	6.2	Malpighian tubule	2R:+:8218371-8218406	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_86943	NHNGPYEYYENPLTTNR	AGAP001681-PA	-	87	1.68E-08	1	2081.925	-2.93	Head	2R:+:8218602-8218652	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_87276	LEIIPNLLR	AGAP001681-PA	-	29	0.000726 359	1	1080.677	-0.86	Malpighian tubule	2R:+:8219754-8219780	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_94071	LEIIPNLLR	AGAP001681-PA	-	27	0.001265 177	2	1080.678	0.27	Male reproductive organs	2R:+:8219754-8219780	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_94455	LALIFLGYTTPPPDSDGIK	AGAP001681-PA	-	57	1.68E-05	1	2018.089	2.16	Head	2R:+:8218494-8218550	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_103779	QAIENIEAEDPPIFLR	AGAP001681-PA	-	86	3.15E-08	2	1854.964	2.34	Head	2R:+:8219919-8219966	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_112195	LEIIPNLLR	AGAP001681-PA	-	31	0.000466 822	2	1080.678	0.04	Ovary	2R:+:8219754-8219780	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_115557	IFLITLNK	AGAP001681-PA	-	41	5.13E-05	1	961.610	2.31	Malpighian tubule	2R:+:8217867-8217890	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_117735	LALIFLGYTTPPPDSDGIK	AGAP001681-PA	-	59	1.06E-05	1	2018.091	3.06	Midgut	2R:+:8218494-8218550	exon=> In CDS Exon 1 of transcript AGAP001681-PA
JHU_Ag_2195	HNAVFDQLDLVTYEEVVK	AGAP001683-PA	-	89	1.92E-08	2	2119.080	4.57	Head	2R:-:8248643-8248590	exon=> In CDS Exon 16 of transcript AGAP001683-PA
JHU_Ag_43106	VGDILQIISK	AGAP001683-PA	-	76	1.43E-07	2	1085.656	-0.22	Salivary gland	2R:-:8252212-8252293,8251965-8252092	exon=> In CDS Exon 14 and 13 of transcript AGAP001683-PA
JHU_Ag_70106	SELINLLGSPHIQALLHTHDVVAR	AGAP001683-PA	-	41	0.000191 223	1	2633.471	7.13	Ovary	2R:-:8393277-8393406,8253431-8253590	exon=> In CDS Exon 11 and 10 of transcript AGAP001683-PA

JHU_Ag_95583	EINGQPVQHQTVSQLQR	AGAP001683-PA	-	81	1.02E-07	1	1962.016	0.25	Head	2R:-:8253207-8253157	exon=> In CDS Exon 12 of transcript AGAP001683-PA
JHU_Ag_23045	LHELLQLFDR	AGAP001683-PB,AGAP001683-PA	-	34	0.003238456	1	1283.711	-0.06	Midgut	2R:-:8393979-8394140,8393239-8393395;2R:-:8393979-8394140,8393239-8393395	exon=> In CDS Exon 10 and 9 of transcript AGAP001683-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP001683-PA
JHU_Ag_35026	YCHENDIIHR	AGAP001683-PB,AGAP001683-PA	C2(Carbamidomethyl)	50	8.30E-05	1	1356.609	-1.89	Head	2R:-:8401940-8401911;2R:-:8401940-8401911	exon=> In CDS Exon 5 of transcript AGAP001683-PB;exon=> In CDS Exon 5 of transcript AGAP001683-PA
JHU_Ag_78166	DAIDVISSTAGHK	AGAP001683-PB,AGAP001683-PA	-	55	3.47E-05	2	1313.672	1.56	Head	2R:-:8393331-8393293;2R:-:8393331-8393293	exon=> In CDS Exon 10 of transcript AGAP001683-PB;exon=> In CDS Exon 10 of transcript AGAP001683-PA
JHU_Ag_83510	IHLGDTVEELK	AGAP001683-PB,AGAP001683-PA	-	65	2.91E-06	1	1253.677	2.42	Head	2R:-:8395917-8395885;2R:-:8395917-8395885	exon=> In CDS Exon 8 of transcript AGAP001683-PB;exon=> In CDS Exon 8 of transcript AGAP001683-PA
JHU_Ag_84666	FTASPGLSTSDLK	AGAP001683-PB,AGAP001683-PA	-	46	0.000413801	2	1323.680	0.73	Head	2R:-:8413959-8414041,8406764-8406862;2R:-:8413959-8414041,8406764-8406862	exon=> In CDS Exon 3 and 2 of transcript AGAP001683-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP001683-PA
JHU_Ag_99666	MLAPNPISRPTITEVLDHPWIR	AGAP001683-PB,AGAP001683-PA	M1(Oxidation)	37	0.001123972	1	2572.371	0.26	Head	2R:-:8396086-8396021;2R:-:8396086-8396021	exon=> In CDS Exon 7 of transcript AGAP001683-PB;exon=> In CDS Exon 7 of transcript AGAP001683-PA
JHU_Ag_113612	IHLGDTVEELKR	AGAP001683-PB,AGAP001683-PA	-	57	1.25E-05	1	1409.780	3.62	Malpighian tubule	2R:-:8395917-8395882;2R:-:8395917-8395882	exon=> In CDS Exon 8 of transcript AGAP001683-PB;exon=> In CDS Exon 8 of transcript AGAP001683-PA
JHU_Ag_115134	DSVETHGR	AGAP001683-PB,AGAP001683-PA	-	42	0.000444972	1	900.418	1.58	Head	2R:-:8401811-8401974,8396474-8396645;2R:-:8401811-8401974,8396474-8396645	exon=> In CDS Exon 6 and 5 of transcript AGAP001683-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP001683-PA
JHU_Ag_17308	TLQLLDESTVQSPSGLLR	AGAP001685-PA	-	42	0.00044946	1	1957.069	4.29	Salivary gland	2R:-:8446909-8446856	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_18073	TVAWENTLHQLLEVGQTAFGSGR	AGAP001685-PA	-	128	1.61E-12	2	2514.289	6.14	Ovary	2R:-:8446210-8446142	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_27253	VAELTNVTR	AGAP001685-PA	-	64	5.63E-06	2	1002.557	-0.89	Salivary gland	2R:-:8444683-8444657	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_37507	QLCEEFLQVLQR	AGAP001685-PA	C3(Carbamidomethyl)	60	1.79E-05	2	1562.801	1.17	Ovary	2R:-:8446624-8446589	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_51907	ALEATEDELTPIASGR	AGAP001685-PA	-	83	7.55E-08	2	1672.838	-0.73	Salivary gland	2R:-:8445151-8445104	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_65499	MSLEQIFDALEAHK	AGAP001685-PA	M1(Oxidation)	56	3.83E-05	1	1647.809	2.53	Ovary	2R:-:8445625-8445584	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_72733	YSNASDVFEATEELVK	AGAP001685-PA	-	116	3.19E-11	1	1801.851	1.25	Ovary	2R:-:8446588-8446541	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_78979	LHHDPNYDRENVSLAR	AGAP001685-PA	-	34	0.007558732	1	1935.944	0.75	Ovary	2R:-:8445946-8445899	exon=> In CDS Exon 1 of transcript AGAP001685-PA

JHU_Ag_80364	SLDDTLVQLNNASK	AGAP001685-PA	-	90	1.87E-08	2	1517.782	0.67	Ovary	2R:-:8446540-8446499	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_81798	LHHDPNYDRENVSLAR	AGAP001685-PA	-	64	7.34E-06	1	1935.939	-1.4	Head	2R:-:8445946-8445899	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_85880	TLQLLDESTVQSPSGLLR	AGAP001685-PA	-	89	1.11E-08	1	1957.060	-0.2	Ovary	2R:-:8446909-8446856	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_91263	ALEATEDELTPIASGR	AGAP001685-PA	-	81	1.25E-07	2	1672.841	1.24	Ovary	2R:-:8445151-8445104	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_92999	ISSLEWLTFYPDQR	AGAP001685-PA	-	55	4.67E-05	2	1754.878	1.63	Salivary gland	2R:-:8445079-8445038	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_104481	QLCEEFLQVLQR	AGAP001685-PA	C3(Carbamidomethyl)	40	0.001612441	2	1562.803	2.35	Malpighian tubule	2R:-:8446624-8446589	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_112594	TLQLLDESTVQSPSGLLR	AGAP001685-PA	-	92	4.37E-09	1	1957.067	3.54	Malpighian tubule	2R:-:8446909-8446856	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_116091	YSNASDVFEATEELVK	AGAP001685-PA	-	55	3.88E-05	2	1801.848	-0.85	Salivary gland	2R:-:8446588-8446541	exon=> In CDS Exon 1 of transcript AGAP001685-PA
JHU_Ag_11929	MDNPLFGTAHMLYEVDKK	AGAP001686-PA	N-Term(Acetyl), M1(Oxidation), M11(Oxidation)	56	3.04E-05	1	2183.022	3.19	Ovary	2R:+:8447654-8447702,8447803-8447807	exon=> In CDS Exon 1 and 2 of transcript AGAP001686-PA
JHU_Ag_44963	IHVGNEYGDIQR	AGAP001686-PA	-	46	0.000359636	2	1400.689	-1.96	Head	2R:+:8447904-8447939	exon=> In CDS Exon 2 of transcript AGAP001686-PA
JHU_Ag_81974	SVDQFANLVLHR	AGAP001686-PA	-	78	1.66E-07	2	1398.752	1.88	Ovary	2R:+:8447856-8447891	exon=> In CDS Exon 2 of transcript AGAP001686-PA
JHU_Ag_102476	IHVGNEYGDIQR	AGAP001686-PA	-	43	0.000694587	1	1400.692	0.37	Ovary	2R:+:8447904-8447939	exon=> In CDS Exon 2 of transcript AGAP001686-PA
JHU_Ag_11291	SAAEKENNPMQR	AGAP001690-PB,AGAP001690-PA	N7(Deamidated), N8(Deamidated), M10(Oxidation), Q11(Deamidated)	31	0.005148617	1	1393.609	13.45	Salivary gland	2R:+:8473176-8473211;2R:+:8473176-8473211	exon=> In CDS Exon 5 of transcript AGAP001690-PB;exon=> In CDS Exon 4 of transcript AGAP001690-PA
JHU_Ag_82595	SNLTLNIVK	AGAP001690-PB,AGAP001690-PA	-	29	0.005269 36	1	1001.612	12.59	Head	2R:+:8497903-8497929;2R:+:8497903-8497929	exon=> In CDS Exon 17 of transcript AGAP001690-PB;exon=> In CDS Exon 16 of transcript AGAP001690-PA
JHU_Ag_83863	LSNRPIEQPHAFGYAQPR	AGAP001690-PB,AGAP001690-PA	-	65	4.24E-06	1	2081.072	2.19	Head	2R:+:8496937-8496990;2R:+:8496937-8496990	exon=> In CDS Exon 17 of transcript AGAP001690-PB;exon=> In CDS Exon 16 of transcript AGAP001690-PA
JHU_Ag_11743	NSQYAAGTSPFQR	AGAP001694-PA	-	53	5.97E-05	2	1426.674	2.26	Malpighian tubule	2R:+:8675321-8675359	exon=> In CDS Exon 2 of transcript AGAP001694-PA
JHU_Ag_51980	TEPSEEESPTQVQQR	AGAP001694-PA	-	44	0.000611957	2	1744.808	5.47	Malpighian tubule	2R:+:8677292-8677336	exon=> In CDS Exon 7 of transcript AGAP001694-PA
JHU_Ag_75123	ALFEISK	AGAP001694-PA	-	38	0.001276018	1	807.461	-0.38	Midgut	2R:+:8675414-8675434	exon=> In CDS Exon 2 of transcript AGAP001694-PA
JHU_Ag_75403	ILIMAANSMEYIDHSGVQR	AGAP001694-PA	M4(Oxidation), M9(Oxidation)	46	0.000407482	1	2180.054	2.73	Malpighian tubule	2R:+:8677961-8678017	exon=> In CDS Exon 8 of transcript AGAP001694-PA
JHU_Ag_21748	DPNETVQPAEPDASK	AGAP001695-PA	-	86	3.14E-08	1	1597.738	2.57	Head	2R:+:8717575-8717619	exon=> In CDS Exon 1 of transcript AGAP001695-PA
JHU_Ag_46490	KPDELIR	AGAP001695-PA	-	43	0.000262305	1	870.500	-5.18	Salivary gland	2R:+:8716792-8716812	exon=> In CDS Exon 1 of transcript AGAP001695-PA
JHU_Ag_62229	LPQLIK	AGAP001695-PA	Q3(Deamidated)	24	0.001854439	1	712.460	-0.17	Midgut	2R:+:8716837-8716854	exon=> In CDS Exon 1 of transcript AGAP001695-PA
JHU_Ag_3848	FAAMLSNFLYEK	AGAP001697-PA	M4(Oxidation)	86	4.57E-08	1	1449.706	-1.37	Ovary	2R:-:8779658-8779623	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_7043	NCVAIATDHR	AGAP001697-PA	C2(Carbamidomethyl)	45	0.000372702	2	1156.546	-5.73	Head	2R:-:8779865-8779836	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_12435	FAAMLSNFLYEK	AGAP001697-PA	M4(Oxidation)	67	4.50E-06	1	1433.718	3.08	Head	2R:-:8779658-8779623	exon=> In CDS Exon 1 of transcript AGAP001697-PA

JHU_Ag_12812	FAAMLSNFLYEK	AGAP001697-PA	M4(Oxidation)	94	6.31E-09	1	1449.716	5.2	Malpighian tubule	2R:-:8779658-8779623	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_16877	FGPYFIEPVIAGLDPK	AGAP001697-PA	-	55	3.13E-05	2	1762.946	2.59	Salivary gland	2R:-:8779619-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_17331	RFGPYFIEPVIAGLDPK	AGAP001697-PA	-	102	4.84E-10	1	1919.047	2.13	Ovary	2R:-:8779622-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_19930	FGPYFIEPVIAGLDPK	AGAP001697-PA	-	100	1.04E-09	1	1762.945	1.93	Ovary	2R:-:8779619-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_27914	FGPYFIEPVIAGLDPK	AGAP001697-PA	-	66	2.44E-06	2	1762.941	-0.04	Midgut	2R:-:8779619-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_34185	SILAYNGGCVVAMK	AGAP001697-PA	N-Term(Acetyl), N6(Deamidated), C9(Carbamidomethyl), M13(Oxidation)	60	1.41E-05	2	1541.736	1.21	Ovary	2R:-:8779913-8779872	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_35957	FAAMLSNFLYEK	AGAP001697-PA	-	59	2.29E-05	2	1433.720	4.69	Visceras	2R:-:8779658-8779623	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_39806	RFGPYFIEPVIAGLDPK	AGAP001697-PA	-	88	1.08E-08	1	1919.046	1.65	Malpighian tubule	2R:-:8779622-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_43239	FGPYFIEPVIAGLDPK	AGAP001697-PA	-	58	1.42E-05	1	1762.949	4.25	Visceras	2R:-:8779619-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_48348	FGVQAQTIATDFEK	AGAP001697-PA	-	115	4.12E-11	1	1554.780	0.18	Ovary	2R:-:8779835-8779794	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_52639	FAAMLSNFLYEKR	AGAP001697-PA	M4(Oxidation)	48	0.000232902	2	1589.817	1.36	Malpighian tubule	2R:-:8779658-8779620	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_52705	RFGPYFIEPVIAGLDPK	AGAP001697-PA	-	96	1.95E-09	1	1919.041	-0.64	Midgut	2R:-:8779622-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_55228	RFGPYFIEPVIAGLDPK	AGAP001697-PA	-	101	5.89E-10	1	1919.044	0.89	Head	2R:-:8779622-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_57153	FAAMLSNFLYEK	AGAP001697-PA	M4(Oxidation)	101	1.46E-09	1	1449.710	1.16	Male reproductive organs	2R:-:8779658-8779623	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_57895	FGPYFIEPVIAGLDPK	AGAP001697-PA	-	84	3.33E-08	1	1762.947	3.22	Head	2R:-:8779619-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_57942	FGPYFIEPVIAGLDPK	AGAP001697-PA	-	62	5.99E-06	1	1762.943	0.93	Male reproductive organs	2R:-:8779619-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_59347	FGVQAQTIATDFEK	AGAP001697-PA	-	109	1.81E-10	1	1554.783	1.75	Head	2R:-:8779835-8779794	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_61988	FAAMLSNFLYEKR	AGAP001697-PA	M4(Oxidation)	44	0.000781406	1	1605.811	0.93	Male reproductive organs	2R:-:8779658-8779620	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_62461	FGVQAQTIATDFEK	AGAP001697-PA	-	47	0.000286147	1	1554.782	1.36	Pupa	2R:-:8779835-8779794	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_64449	VFEINPHMYLGLVGLQTDILTVYQR	AGAP001697-PA	-	50	6.65E-05	3	2919.541	-1.01	Midgut	2R:-:8779793-8779719	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_66339	DAISGWGATVYIIEK	AGAP001697-PA	-	71	1.14E-06	2	1622.844	0.71	Ovary	2R:-:8779385-8779341	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_72026	FAAMLSNFLYEK	AGAP001697-PA	M4(Oxidation)	62	1.07E-05	2	1449.707	-0.86	Midgut	2R:-:8779658-8779623	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_77250	NCVAIATDHR	AGAP001697-PA	C2(Carbamidomethyl)	68	1.88E-06	2	1156.554	0.82	Midgut	2R:-:8779865-8779836	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_79849	SILAYNGGCVVAMK	AGAP001697-PA	N-Term(Acetyl), C9(Carbamidomethyl), M13(Oxidation)	61	1.23E-05	2	1540.750	0.26	Midgut	2R:-:8779913-8779872	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_85046	FGVQAQTIATDFEK	AGAP001697-PA	-	117	2.74E-11	1	1554.781	0.96	Salivary gland	2R:-:8779835-8779794	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_86238	FGPYFIEPVIAGLDPK	AGAP001697-PA	-	85	2.69E-08	1	1762.951	5.22	Malpighian tubule	2R:-:8779619-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA

JHU_Ag_88843	FGVQAQTIATDFEK	AGAP001697-PA	-	109	1.73E-10	1	1554.780	0.34	Midgut	2R:-:8779835-8779794	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_90236	VFEINPHMYLGLVGLQTDILTVYQR	AGAP001697-PA	M8(Oxidation)	122	3.93E-12	1	2935.545	2.2	Ovary	2R:-:8779793-8779719	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_98973	RFGPYFIEPVIAGLDPK	AGAP001697-PA	-	58	1.19E-05	1	1919.045	1.17	Visceras	2R:-:8779622-8779572	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_101106	DAISGWGATVYIIEK	AGAP001697-PA	-	57	2.33E-05	2	1622.842	-0.49	Midgut	2R:-:8779385-8779341	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_101637	FAAMLSNFLYEKR	AGAP001697-PA	M4(Oxidation)	52	0.000117 76	1	1605.810	0.36	Ovary	2R:-:8779658-8779620	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_105014	SILAYNGGCVVAMK	AGAP001697-PA	N-Term(Acetyl), C9(Carbamidomethyl), M13(Oxidation)	106	3.65E-10	1	1540.750	-0.05	Ovary	2R:-:8779913-8779872	exon=> In CDS Exon 1 of transcript AGAP001697-PA
JHU_Ag_25169	LPIGVQIVAAPGQDHLIFAVAK	AGAP001699-PA,AGAP001699-PB	-	66	1.71E-07	1	2257.311	1.69	Head	2R:+:8790444-8790461,8790539-8790586;2R:+:8790444-8790461,8790539-8790586	exon=> In CDS Exon 2 and 3 of transcript AGAP001699-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001699-PB
JHU_Ag_41134	LPPIEDPLLLLSATVLAER	AGAP001699-PA,AGAP001699-PB	-	43	5.86E-05	1	2060.204	1.9	Midgut	2R:+:8789097-8789153;2R:+:8789097-8789153	exon=> In CDS Exon 2 of transcript AGAP001699-PA;exon=> In CDS Exon 1 of transcript AGAP001699-PB
JHU_Ag_108044	DPEGTPVTLHKPVPIGALK	AGAP001699-PA,AGAP001699-PB	-	27	0.004476 515	1	1969.109	-1.3	Midgut	2R:+:8789844-8789900;2R:+:8789844-8789900	exon=> In CDS Exon 2 of transcript AGAP001699-PA;exon=> In CDS Exon 1 of transcript AGAP001699-PB
JHU_Ag_2530	DLTPYLPNIIPGLK	AGAP001700-PA	-	36	0.001136 29	2	1553.896	1.19	Male reproductive organs	2R:-:8794720-8794679	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_2850	YLLDAPAFSYTFEFLK	AGAP001700-PA	-	109	1.53E-10	1	1924.980	3.42	Ovary	2R:-:8796748-8796701	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_3207	IVNSEQGVPLAK	AGAP001700-PA	-	48	8.21E-05	2	1254.703	-1.49	Ovary	2R:-:8797948-8797913	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_4488	DLLVAVLK	AGAP001700-PA	-	38	0.000271 751	1	870.570	4.67	Ovary	2R:-:8799582-8799559	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_4699	LTSPASLQPSVVHITGPLIR	AGAP001700-PA	-	109	1.33E-11	1	2086.213	5.21	Ovary	2R:-:8792785-8792726	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_5076	TLDSAQQIAHVTDVR	AGAP001700-PA	-	50	0.000139 479	1	1653.861	3.37	Ovary	2R:-:8792998-8792954	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_6635	LTSPASLQPSVVHITGPLIR	AGAP001700-PA	-	33	0.000463 447	1	2086.214	5.83	Malpighian tubule	2R:-:8792785-8792726	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_7579	LLDIQAGLYQLSLTSGMQK	AGAP001700-PA	M17(Oxidation)	38	0.001739 667	1	2095.120	4.66	Ovary	2R:-:8799375-8799319	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_9159	ENVTYLLPTFEYFLDK	AGAP001700-PA	-	45	0.000462 565	2	1992.007	3.63	Ovary	2R:-:8795800-8795753	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_9356	AAVLETLAILLHK	AGAP001700-PA	-	69	6.23E-08	1	1391.865	2.41	Ovary	2R:-:8792692-8792654	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_10780	GAAYGIAGVVK	AGAP001700-PA	-	40	0.000867 118	2	1005.575	2.66	Ovary	2R:-:8795482-8795450	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_11236	INLLQGAGNLSYNK	AGAP001700-PA	-	87	2.03E-08	2	1504.813	0.77	Male reproductive organs	2R:-:8798706-8799674,8797356-8798591	exon=> In CDS Exon 4 and 3 of transcript AGAP001700-PA
JHU_Ag_11998	DLLVAVLK	AGAP001700-PA	-	31	0.001422 442	2	870.565	-0.8	Male reproductive organs	2R:-:8799582-8799559	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_15986	TAALFVALK	AGAP001700-PA	-	54	7.82E-06	2	933.581	4.12	Ovary	2R:-:8792206-8792180	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_17026	DFFASGDDGLAQR	AGAP001700-PA	-	73	4.93E-07	2	1398.633	3.55	Ovary	2R:-:8799288-8799250	exon=> In CDS Exon 3 of transcript AGAP001700-PA

JHU_Ag_19443	GITPLLPVFR	AGAP001700-PA	-	50	3.82E-05	2	1112.683	-0.14	Male reproductive organs	2R:-:8792884-8792855	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_19447	LTSPASLQPSVVHITGPLIR	AGAP001700-PA	-	45	5.57E-05	1	2086.206	2.14	Head	2R:-:8792785-8792726	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_19576	ADAELAK	AGAP001700-PA	N-Term(Acetyl)	48	0.000266792	1	759.392	5.16	Malpighian tubule	2R:-:8800162-8800165,8799864-8799958	exon=> In CDS Exon 2 and 1 of transcript AGAP001700-PA
JHU_Ag_20565	ISPEQILSVLVK	AGAP001700-PA	-	53	9.94E-06	2	1325.808	2.99	Salivary gland	2R:-:8797555-8797520	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_24406	SGAAQGLSEVVGGLGVEK	AGAP001700-PA	-	113	5.88E-11	1	1657.881	3.4	Ovary	2R:-:8794528-8794475	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_25078	ALHDTITTLISQIEGAAK	AGAP001700-PA	-	36	0.001534881	1	1882.030	1.08	Salivary gland	2R:-:8797120-8797067	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_25872	GITPLLPVFR	AGAP001700-PA	-	52	1.54E-05	2	1112.687	3.92	Ovary	2R:-:8792884-8792855	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_27031	CLLAELTR	AGAP001700-PA	C1(Carbamidomethyl)	43	0.000782579	2	975.533	4.25	Ovary	2R:-:8797912-8797889	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_28138	ITVAELR	AGAP001700-PA	-	35	0.002808253	1	801.487	4.54	Ovary	2R:-:8798727-8798707	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_31574	TSLLDPVPEVR	AGAP001700-PA	-	47	0.000114664	1	1225.684	3.9	Ovary	2R:-:8794678-8794646	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_31931	GVAIALGSISPFLTPELVK	AGAP001700-PA	-	37	0.000201485	3	1912.125	4.77	Ovary	2R:-:8795962-8795906	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_33228	EIEPAIDPWGPR	AGAP001700-PA	-	42	0.000999379	2	1379.694	-1.41	Male reproductive organs	2R:-:8796001-8795966	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_33377	NVTEQLNNSR	AGAP001700-PA	-	41	0.001402862	2	1174.586	3.72	Ovary	2R:-:8797519-8797490	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_33962	TLDSAQQIAHVTDVR	AGAP001700-PA	-	53	7.05E-05	2	1653.858	1.76	Male reproductive organs	2R:-:8792998-8792954	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_34886	QLPLFFPALLPSVLR	AGAP001700-PA	-	51	5.23E-06	1	1711.039	4.97	Ovary	2R:-:8797054-8797010	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_39075	NPEIQAIVPVLLTALEDPSSK	AGAP001700-PA	-	48	5.83E-05	1	2234.240	5.35	Ovary	2R:-:8794957-8794895	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_43516	VQEAGANALR	AGAP001700-PA	-	66	2.18E-06	1	1028.551	2.96	Ovary	2R:-:8795008-8794979	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_47073	DFFASGDDGLAQR	AGAP001700-PA	-	88	1.29E-08	1	1398.628	-0.03	Midgut	2R:-:8799288-8799250	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_49737	ALSILASVAGEALTK	AGAP001700-PA	-	75	9.30E-08	2	1443.844	1.38	Ovary	2R:-:8793385-8793341	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_50317	IVNSEQGVPLAK	AGAP001700-PA	-	77	1.28E-07	1	1254.705	0.16	Male reproductive organs	2R:-:8797948-8797913	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_50334	EIDALLVALQEELDAVR	AGAP001700-PA	-	42	0.000324159	1	1897.039	5.77	Ovary	2R:-:8796418-8796368	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_50344	VLPEIIPILER	AGAP001700-PA	-	51	5.90E-06	1	1291.799	0.31	Male reproductive organs	2R:-:8793790-8793758	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_50712	GDLWESILER	AGAP001700-PA	-	71	1.45E-06	1	1217.617	1	Midgut	2R:-:8797702-8797673	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_50855	DLTPYLPNIIPGLK	AGAP001700-PA	-	61	3.43E-06	1	1553.898	2.77	Ovary	2R:-:8794720-8794679	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_52095	VQTQAVAALLDVAESCSGR	AGAP001700-PA	C16(Carbamidomethyl)	46	0.000498376	3	1974.998	3.28	Male reproductive organs	2R:-:8796502-8796446	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_53307	LTQYIQDK	AGAP001700-PA	-	40	0.001045087	1	1008.540	4.29	Ovary	2R:-:8795404-8795381	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_53796	GDLWESILER	AGAP001700-PA	-	63	9.58E-06	2	1217.624	6.11	Ovary	2R:-:8797702-8797673	exon=> In CDS Exon 4 of transcript AGAP001700-PA

JHU_Ag_54818	GDLWESILER	AGAP001700-PA	-	44	0.000790 63	2	1217.619	2.1	Salivary gland	2R:-:8797702-8797673	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_56176	ALHDTITTLISQIEGAAK	AGAP001700-PA	-	70	7.49E-07	1	1882.031	1.46	Larva	2R:-:8797120-8797067	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_56298	LCTALIAPFVK	AGAP001700-PA	C2(Carbamidomethyl)	46	0.000139 254	2	1232.710	2.57	Salivary gland	2R:-:8792023-8791991	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_56638	GITPLLPVFR	AGAP001700-PA	-	53	1.53E-05	2	1112.687	4.03	Salivary gland	2R:-:8792884-8792855	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_56978	YKDPESQALVR	AGAP001700-PA	-	39	0.001714 318	1	1305.685	4.04	Ovary	2R:-:8799615-8799583	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_59366	LCTALIAPFVK	AGAP001700-PA	C2(Carbamidomethyl)	38	0.001004 05	2	1232.708	0.89	Ovary	2R:-:8792023-8791991	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_59384	GLGILSLK	AGAP001700-PA	-	29	0.005061 151	2	800.533	11.33	Head	2R:-:8795449-8795426	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_59716	FVHFIDAPSLALIMPVVQR	AGAP001700-PA	M14(Oxidation)	35	0.001085 21	1	2169.200	4.95	Ovary	2R:-:8794858-8794802	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_60093	ALADPLPEVR	AGAP001700-PA	-	41	0.000618 539	1	1080.604	-0.51	Male reproductive organs	2R:-:8793631-8793602	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_63183	LPSGADFTATLSK	AGAP001700-PA	-	58	2.11E-05	2	1307.689	3.94	Ovary	2R:-:8798341-8798303	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_63351	LDQFDR	AGAP001700-PA	-	42	0.001315 703	1	793.387	4.34	Ovary	2R:-:8796019-8796002	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_65173	ALHDTITTLISQIEGAAK	AGAP001700-PA	-	60	6.48E-06	1	1882.038	5.26	Midgut	2R:-:8797120-8797067	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_67358	NVTEQLNNSR	AGAP001700-PA	-	56	4.35E-05	2	1174.581	-0.02	Male reproductive organs	2R:-:8797519-8797490	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_69076	LTSPASLQPSVVHITGPLIR	AGAP001700-PA	-	56	4.67E-06	1	2086.203	0.65	Male reproductive organs	2R:-:8792785-8792726	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_69510	YSSVQLLGDLLYK	AGAP001700-PA	-	79	7.71E-08	1	1498.823	5.31	Ovary	2R:-:8794171-8794133	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_71484	LTSPASLQPSVVHITGPLIR	AGAP001700-PA	-	32	0.001042 605	1	2086.206	1.88	Salivary gland	2R:-:8792785-8792726	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_74588	LTQYIQDKK	AGAP001700-PA	-	51	5.90E-05	1	1136.630	-0.54	Male reproductive organs	2R:-:8795404-8795378	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_83199	AAAAGCFGALCR	AGAP001700-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	43	0.000577 259	2	1224.563	1.12	Salivary gland	2R:-:8792332-8792297	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_85465	EQLEELQLR	AGAP001700-PA	-	41	0.001063 27	2	1157.620	3.7	Ovary	2R:-:8797270-8797244	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_87024	SGAAQGLSEVVGGLGVEK	AGAP001700-PA	-	50	0.000115 101	2	1657.893	10.69	Salivary gland	2R:-:8794528-8794475	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_87518	TAALFVALK	AGAP001700-PA	-	30	0.001623 618	1	933.577	0.39	Male reproductive organs	2R:-:8792206-8792180	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_89877	INLLQGAGNLSYNK	AGAP001700-PA	-	76	2.69E-07	2	1504.811	-0.69	Midgut	2R:-:8798706-8799674,8797356-8798591	exon=> In CDS Exon 4 and 3 of transcript AGAP001700-PA
JHU_Ag_93779	LLAALETPSQQVQEAVANCIPHLIPAVK	AGAP001700-PA	C19(Carbamidomethyl)	45	7.82E-05	1	3010.655	4.97	Ovary	2R:-:8795638-8795555	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_94088	LCTALIAPFVK	AGAP001700-PA	C2(Carbamidomethyl)	51	3.98E-05	1	1232.709	1.09	Male reproductive organs	2R:-:8792023-8791991	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_94794	VLPEIIPILER	AGAP001700-PA	-	42	4.39E-05	1	1291.800	1.26	Malpighian tubule	2R:-:8793790-8793758	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_95220	TKPHASDIIACSPLLK	AGAP001700-PA	C11(Carbamidomethyl)	82	3.88E-08	1	1750.957	2.78	Ovary	2R:-:8799078-8799031	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_95261	TSLLDPVPEVR	AGAP001700-PA	-	46	0.000157 005	1	1225.679	-0.19	Male reproductive organs	2R:-:8794678-8794646	exon=> In CDS Exon 5 of transcript AGAP001700-PA

JHU_Ag_96282	ISPEQILSVLVK	AGAP001700-PA	-	60	2.34E-06	2	1325.803	-0.51	Midgut	2R:-:8797555-8797520	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_98377	ALHDTITTLISQIEGAAK	AGAP001700-PA	-	74	2.21E-07	1	1882.037	4.48	Ovary	2R:-:8797120-8797067	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_99052	AAAMYENTLATLSR	AGAP001700-PA	M4(Oxidation)	74	5.75E-07	1	1527.746	-0.72	Male reproductive organs	2R:-:8797597-8797556	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_99321	SNSEIALVHVLR	AGAP001700-PA	-	67	1.05E-06	2	1337.753	-0.76	Malpighian tubule	2R:-:8791831-8791796	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_100415	ISPEQILSVLVK	AGAP001700-PA	-	78	1.60E-08	1	1325.812	6.22	Ovary	2R:-:8797555-8797520	exon=> In CDS Exon 4 of transcript AGAP001700-PA
JHU_Ag_101034	VVLPYLIPQLTAKPVNTK	AGAP001700-PA	-	33	0.000189 7	1	1994.215	5.23	Ovary	2R:-:8793439-8793386	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_103340	QLPLFFPALLPSVLR	AGAP001700-PA	-	37	0.000176 702	1	1711.034	1.83	Salivary gland	2R:-:8797054-8797010	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_104063	GITPLLPVFR	AGAP001700-PA	-	38	0.000641 642	2	1112.683	-0.14	Pupa	2R:-:8792884-8792855	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_104366	ALADENEYVR	AGAP001700-PA	-	44	0.000505 979	2	1179.570	5.11	Ovary	2R:-:8794315-8794286	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_114148	AGGYLLQYGMADDGAK	AGAP001700-PA	M10(Oxidation)	37	0.002051 711	1	1645.755	1.19	Male reproductive organs	2R:-:8792071-8792024	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_115770	INLLQGAGNLSYNK	AGAP001700-PA	-	40	0.00103	1	1504.816	2.96	Ovary	2R:-:8798706-8799674,8797356-8798591	exon=> In CDS Exon 4 and 3 of transcript AGAP001700-PA
JHU_Ag_116071	ITVAELR	AGAP001700-PA	-	41	0.001008 754	2	801.482	-0.94	Midgut	2R:-:8798727-8798707	exon=> In CDS Exon 3 of transcript AGAP001700-PA
JHU_Ag_116459	SGAAQGLSEVVGGLGVEK	AGAP001700-PA	-	82	8.29E-08	1	1657.878	1.19	Male reproductive organs	2R:-:8794528-8794475	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_117059	GLGILSLK	AGAP001700-PA	-	42	0.000242 13	1	800.527	3.7	Ovary	2R:-:8795449-8795426	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_117519	VLPEIIPILER	AGAP001700-PA	-	49	9.23E-06	2	1291.798	-0.35	Ovary	2R:-:8793790-8793758	exon=> In CDS Exon 5 of transcript AGAP001700-PA
JHU_Ag_19214	ALLTK	AGAP001700-PA,AGAP006949-PA	-	36	0.000829 511	1	545.367	1.96	Malpighian tubule	2R:-:8799513-8799499;2L:-:40209024-40209010	exon=> In CDS Exon 3 of transcript AGAP001700-PA;exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_58742	ALLTK	AGAP001700-PA,AGAP006949-PA	-	29	0.003970 288	1	545.366	-0.39	Visceras	2R:-:8799513-8799499;2L:-:40209024-40209010	exon=> In CDS Exon 3 of transcript AGAP001700-PA;exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_11711	SSESEHINLK	AGAP001701-PA	-	61	7.37E-06	1	1143.565	1.22	Ovary	2R:-:8800993-8800964	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_24390	AGLSLQVVR	AGAP001701-PA	-	76	2.03E-07	2	942.576	2.62	Malpighian tubule	2R:-:8800876-8800850	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_29108	SSESEHINLK	AGAP001701-PA	-	45	0.000352 715	2	1143.561	-2.41	Midgut	2R:-:8800993-8800964	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_56601	SSESEHINLK	AGAP001701-PA	-	56	2.46E-05	1	1143.564	-0.27	Male reproductive organs	2R:-:8800993-8800964	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_57472	AGLSLQVVR	AGAP001701-PA	-	69	1.10E-06	2	942.575	2.42	Midgut	2R:-:8800876-8800850	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_60944	SSESEHINLK	AGAP001701-PA	-	65	3.63E-06	1	1143.560	-3.8	Head	2R:-:8800993-8800964	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_74368	SSESEHINLK	AGAP001701-PA	-	81	8.96E-08	1	1143.566	1.54	Larva	2R:-:8800993-8800964	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_79202	AGLSLQVVR	AGAP001701-PA	-	78	1.14E-07	2	942.574	0.48	Ovary	2R:-:8800876-8800850	exon=> In CDS Exon 1 of transcript AGAP001701-PA

JHU_Ag_92140	AGLSLQVVR	AGAP001701-PA	-	61	5.61E-06	2	942.574	0.87	Male reproductive organs	2R:-:8800876-8800850	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_108678	AGLSLQVVR	AGAP001701-PA	-	71	5.88E-07	2	942.574	0.48	Pupa	2R:-:8800876-8800850	exon=> In CDS Exon 1 of transcript AGAP001701-PA
JHU_Ag_4894	KDNLEIK	AGAP001702-PA	N3(Deamidated)	42	0.001179 96	2	860.479	7.99	Head	2R:+:8803192-8803212	exon=> In CDS Exon 1 of transcript AGAP001702-PA
JHU_Ag_55747	LIEEVHAVVTVR	AGAP001703-PA	-	88	5.05E-09	1	1364.791	0.65	Head	2R:-:8805960-8805925	exon=> In CDS Exon 2 of transcript AGAP001703-PA
JHU_Ag_57719	FILIQNR	AGAP001703-PA	-	34	0.001812 842	2	903.541	-0.31	Ovary	2R:-:8806041-8806021	exon=> In CDS Exon 2 of transcript AGAP001703-PA
JHU_Ag_64426	QLLTLNSLE	AGAP001703-PA	-	33	0.005672 905	1	1030.580	2.43	Head	2R:-:8805651-8805625	exon=> In CDS Exon 2 of transcript AGAP001703-PA
JHU_Ag_105613	HTNFVEFR	AGAP001703-PA	-	42	0.000846 822	1	1049.509	-6.69	Head	2R:-:8805915-8805892	exon=> In CDS Exon 2 of transcript AGAP001703-PA
JHU_Ag_14748	DVDLKPNDSEVSEVR	AGAP001704-PA	-	63	8.33E-06	2	1701.840	6.36	Midgut	2R:+:8808019-8808063	exon=> In CDS Exon 3 of transcript AGAP001704-PA
JHU_Ag_96716	GDGTWGEHEIDYILFLQK	AGAP001704-PA	-	43	0.000867 358	1	2121.033	1.93	Midgut	2R:+:8807965-8808018	exon=> In CDS Exon 3 of transcript AGAP001704-PA
JHU_Ag_8208	EIALLK	AGAP001706-PA	-	28	0.003415 376	1	686.444	-0.41	Midgut	2R:+:8830491-8830508	exon=> In CDS Exon 1 of transcript AGAP001706-PA
JHU_Ag_20744	EIALLK	AGAP001706-PA	-	28	0.003626 089	1	686.445	0.03	Pupa	2R:+:8830491-8830508	exon=> In CDS Exon 1 of transcript AGAP001706-PA
JHU_Ag_34516	ANEFSNGVTVNDVIR	AGAP001706-PA	-	64	6.74E-06	2	1634.819	3.62	Malpighian tubule	2R:+:8831466-8831510	exon=> In CDS Exon 1 of transcript AGAP001706-PA
JHU_Ag_66495	EIALLK	AGAP001706-PA	-	28	0.003702 017	1	686.444	-1.3	Head	2R:+:8830491-8830508	exon=> In CDS Exon 1 of transcript AGAP001706-PA
JHU_Ag_86690	EIALLK	AGAP001706-PA	-	28	0.003685 008	1	686.445	0.3	Larva	2R:+:8830491-8830508	exon=> In CDS Exon 1 of transcript AGAP001706-PA
JHU_Ag_33639	IFCADGHGSVPCTGDSGSGLVIK	AGAP001707-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	84	5.96E-08	1	2334.088	1.05	Head	2R:+:8843604-8843672	exon=> In CDS Exon 3 of transcript AGAP001707-PA
JHU_Ag_61851	HLVTAAHCMYDSIGNPR	AGAP001707-PA	C8(Carbamidomethyl), M9(Oxidation)	95	3.20E-09	1	1957.902	0.74	Head	2R:+:8843178-8843228	exon=> In CDS Exon 3 of transcript AGAP001707-PA
JHU_Ag_71280	DIYSNQPAQYR	AGAP001707-PA	-	36	0.003138 489	2	1354.641	1.69	Head	2R:+:8842543-8842575	exon=> In CDS Exon 2 of transcript AGAP001707-PA
JHU_Ag_74981	LDVGELNEQFK	AGAP001710-PA	Q9(Deamidated)	33	0.008879 676	1	1292.639	1.57	Head	2R:-:8851500-8851468	exon=> In CDS Exon 4 of transcript AGAP001710-PA
JHU_Ag_151	LCEAICPAQAITIEAEER	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	120	1.93E-11	1	2073.996	0.58	Visceras	2R:+:8858838-8858891	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_705	GAAVTLAHIFKEPATINYPFEK	AGAP001711-PA	-	172	4.27E-17	1	2417.290	1.49	Visceras	2R:+:8858691-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_2062	GAAVTLAHIFKEPATINYPFEK	AGAP001711-PA	-	166	1.47E-16	1	2417.295	3.46	Malpighian tubule	2R:+:8858691-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_2684	AAQTIFWTELFR	AGAP001711-PA	-	86	2.67E-08	1	1482.778	2.42	Visceras	2R:+:8858655-8858690	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_5838	RYPSGEER	AGAP001711-PA	-	39	0.002073 44	2	993.475	0.4	Visceras	2R:+:8858799-8858822	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_8057	EPATINYPFEK	AGAP001711-PA	-	49	0.000238 522	1	1308.647	-0.15	Male reproductive organs	2R:+:8858724-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_15807	LCEAICPAQAITIEAEER	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	82	1.21E-07	2	2073.996	0.93	Male reproductive organs	2R:+:8858838-8858891	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_18627	EQSMDMNDITDR	AGAP001711-PA	M4(Oxidation), M6(Oxidation)	69	1.77E-07	1	1486.579	0.33	Visceras	2R:+:8858619-8858654	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_22008	LCEAICPAQAITIEAEER	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	70	1.79E-06	2	2073.992	-1.43	Salivary gland	2R:+:8858838-8858891	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_24368	EPATINYPFEK	AGAP001711-PA	-	77	3.25E-07	1	1308.648	0.75	Visceras	2R:+:8858724-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA

JHU_Ag_26033	LCEAICPAQAITIEAEER	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	126	4.36E-12	2	2073.988	-3.19	Midgut	2R:+:8858838-8858891	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_26700	RYPSGEER	AGAP001711-PA	-	40	0.001518934	2	993.474	-1.08	Head	2R:+:8858799-8858822	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_28599	LCEAICPAQAITIEAEER	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	129	2.22E-12	1	2073.999	1.99	Malpighian tubule	2R:+:8858838-8858891	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_30279	LLSNGDKWESEIATNINADYLYR	AGAP001711-PA	N4(Deamidated)	104	6.00E-10	1	2685.319	1.32	Head	2R:+:8859054-8859122	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_32673	LLSNGDKWESEIATNINADYLYR	AGAP001711-PA	N4(Deamidated)	137	2.94E-13	1	2685.319	1.42	Visceras	2R:+:8859054-8859122	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_39602	EPATINYPFEK	AGAP001711-PA	-	47	0.000295234	1	1308.649	1.25	Head	2R:+:8858724-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_41155	AAQTIFWTELFR	AGAP001711-PA	-	86	2.88E-08	2	1482.774	-0.29	Midgut	2R:+:8858655-8858690	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_42390	AAQTIFWTELFR	AGAP001711-PA	-	73	5.29E-07	2	1482.776	1.35	Pupa	2R:+:8858655-8858690	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_43883	GAAVTLAHIFK	AGAP001711-PA	-	78	8.38E-08	1	1127.660	2.67	Malpighian tubule	2R:+:8858691-8858723	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_45806	AAQTIFWTELFR	AGAP001711-PA	-	94	3.75E-09	1	1482.775	0.94	Male reproductive organs	2R:+:8858655-8858690	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_47047	EPATINYPFEK	AGAP001711-PA	-	37	0.003694268	1	1308.647	-0.24	Midgut	2R:+:8858724-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_48022	RYPSGEER	AGAP001711-PA	-	37	0.003265705	1	993.464	-11.21	Malpighian tubule	2R:+:8858799-8858822	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_50394	GAAVTLAHIFKEPATINYPFEK	AGAP001711-PA	-	161	4.68E-16	1	2417.292	2.4	Pupa	2R:+:8858691-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_53100	GAAVTLAHIFKEPATINYPFEK	AGAP001711-PA	-	177	1.51E-17	1	2417.286	-0.25	Midgut	2R:+:8858691-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_63844	GAAVTLAHIFK	AGAP001711-PA	-	73	3.76E-07	1	1127.659	1.21	Visceras	2R:+:8858691-8858723	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_68069	LCEAICPAQAITIEAEER	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	113	8.44E-11	1	2073.995	0.46	Head	2R:+:8858838-8858891	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_72920	RYPSGEER	AGAP001711-PA	-	35	0.004424229	2	993.476	1.2	Midgut	2R:+:8858799-8858822	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_74222	EQSMDMNDITDR	AGAP001711-PA	M6(Oxidation),"M4(Oxidation), M6(Oxidation)"	69	1.66E-07	1	1486.579	0.25	Head	2R:+:8858619-8858654	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_75362	GPLSPR	AGAP001711-PA	-	33	0.001259407	1	626.362	0.37	Visceras	2R:+:8858757-8858774	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_77099	AAQTIFWTELFR	AGAP001711-PA	-	85	3.22E-08	1	1482.779	3.08	Malpighian tubule	2R:+:8858655-8858690	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_77308	EQSMDMNDITDR	AGAP001711-PA	-	53	1.14E-05	1	1454.591	1.74	Malpighian tubule	2R:+:8858619-8858654	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_81948	GAAVTLAHIFK	AGAP001711-PA	-	87	1.52E-08	1	1127.658	0.71	Pupa	2R:+:8858691-8858723	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_84195	EPATINYPFEK	AGAP001711-PA	-	41	0.001245052	2	1308.649	1.62	Pupa	2R:+:8858724-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_85404	LCEAICPAQAITIEAEER	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	112	1.24E-10	2	2073.996	0.58	Pupa	2R:+:8858838-8858891	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_89108	EQSMDMNDITDR	AGAP001711-PA	M6(Oxidation)	43	8.66E-05	2	1470.580	-2.29	Midgut	2R:+:8858619-8858654	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_89204	LLSNGDKWESEIATNINADYLYR	AGAP001711-PA	-	85	4.74E-08	1	2685.328	4.59	Malpighian tubule	2R:+:8859054-8859122	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_89364	AAQTIFWTELFR	AGAP001711-PA	-	78	1.50E-07	2	1482.777	2.09	Ovary	2R:+:8858655-8858690	exon=> In CDS Exon 2 of transcript AGAP001711-PA

JHU_Ag_90687	AAQTIFWTELFR	AGAP001711-PA	-	101	7.91E-10	1	1482.776	1.02	Head	2R:+:8858655-8858690	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_99615	YDIDMTK	AGAP001711-PA	-	37	0.001333986	1	885.404	2.35	Visceras	2R:+:8858919-8858939	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_104806	GAAVTLAHIFK	AGAP001711-PA	-	78	1.30E-07	1	1127.655	-2.33	Midgut	2R:+:8858691-8858723	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_105095	GAAVTLAHIFKEPATINYPFEK	AGAP001711-PA	-	95	2.55E-09	1	2417.287	0.33	Ovary	2R:+:8858691-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_105591	GAAVTLAHIFKEPATINYPFEK	AGAP001711-PA	-	175	2.16E-17	1	2417.288	0.74	Male reproductive organs	2R:+:8858691-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_106816	GAAVTLAHIFK	AGAP001711-PA	-	93	3.59E-09	1	1127.656	-0.7	Head	2R:+:8858691-8858723	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_108109	GAAVTLAHIFKEPATINYPFEK	AGAP001711-PA	-	172	4.54E-17	1	2417.292	2.1	Head	2R:+:8858691-8858756	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_109556	LCEAICPAQAITIEAEERADGSR	AGAP001711-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	44	0.000612613	1	2560.218	2.03	Malpighian tubule	2R:+:8858838-8858906	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_112334	FRGEHALR	AGAP001711-PA	-	39	0.001138338	1	985.530	-2.82	Head	2R:+:8858775-8858798	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_112988	GAAVTLAHIFK	AGAP001711-PA	-	88	1.33E-08	1	1127.657	-0.49	Male reproductive organs	2R:+:8858691-8858723	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_117247	LLSNGDKWESEIATNINADYLYR	AGAP001711-PA	N4(Deamidated)	62	9.96E-06	3	2686.311	4.32	Pupa	2R:+:8859054-8859122	exon=> In CDS Exon 2 of transcript AGAP001711-PA
JHU_Ag_15731	ANVFFR	AGAP001712-PA	-	40	0.00067167	2	753.405	1.39	Ovary	2R:-:8859760-8859743	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_31131	QYLQQLR	AGAP001712-PA	-	44	0.000461703	2	948.526	-0.5	Midgut	2R:-:8859520-8859500	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_41712	ANVFFR	AGAP001712-PA	-	38	0.001216624	2	753.405	0.75	Malpighian tubule	2R:-:8859760-8859743	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_56899	QYLQQLR	AGAP001712-PA	-	39	0.001438756	2	948.525	-1.41	Ovary	2R:-:8859520-8859500	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_70508	ANVFFR	AGAP001712-PA	-	48	0.000128597	2	753.404	-0.63	Midgut	2R:-:8859760-8859743	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_70959	FDIPGEAGFPLNAVYARPNSPAEAELMR	AGAP001712-PA	M27(Oxidation)	74	5.11E-07	1	3032.493	-0.34	Midgut	2R:-:8859604-8859521	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_75513	DYSQSVGNMAILPIR	AGAP001712-PA	M9(Oxidation)	37	0.002802441	2	1679.842	-0.36	Midgut	2R:-:8859883-8859839	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_75683	VFSGEDGKPNKWWLCFAK	AGAP001712-PA	C15(Carbamidomethyl)	64	6.19E-06	1	2169.058	-0.41	Head	2R:-:8859469-8859416	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_88613	NQGLQEMYTLAISR	AGAP001712-PA	-	102	9.99E-10	1	1623.813	-1.81	Head	2R:-:8859646-8859605	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_93074	NQGLQEMYTLAISR	AGAP001712-PA	M7(Oxidation)	85	5.27E-08	1	1639.814	1.83	Ovary	2R:-:8859646-8859605	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_99541	PAYHSQIKDYSQSVGNMAILPIR	AGAP001712-PA	M17(Oxidation)	47	0.000249011	1	2604.339	5.73	Malpighian tubule	2R:-:8860113-8860116,8859374-8859839	exon=> In CDS Exon 2 and 1 of transcript AGAP001712-PA
JHU_Ag_110426	GPAPVNASLEQDIIDETLYYFK	AGAP001712-PA	-	115	5.25E-11	2	2483.230	-1.56	Midgut	2R:-:8859826-8859761	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_112247	DYSQSVGNMAILPIR	AGAP001712-PA	M9(Oxidation)	77	3.19E-07	1	1679.847	2.84	Ovary	2R:-:8859883-8859839	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_114142	GPAPVNASLEQDIIDETLYYFK	AGAP001712-PA	-	174	5.23E-17	1	2483.241	2.67	Ovary	2R:-:8859826-8859761	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_117781	NQGLQEMYTLAISR	AGAP001712-PA	M7(Oxidation)	87	3.10E-08	1	1639.809	-1	Midgut	2R:-:8859646-8859605	exon=> In CDS Exon 2 of transcript AGAP001712-PA
JHU_Ag_81988	QLDIADLEADPVLR	AGAP001713-PD	-	89	1.13E-08	2	1567.839	3.96	Head	2R:+:8874595-8874636	exon=> In CDS Exon 2 of transcript AGAP001713-PD

JHU_Ag_37840	IGWAYDLK	AGAP001713-PD,AGAP003049-PC,AGAP013071-PA,AGAP003418-PA	-	50	0.000147426	2	965.509	-0.31	Male reproductive organs	2R:+:8875450-8875473;2R:-:31443796-31443773;2R:-:31439641-31439618;2R:+:37493076-37493099	exon=> In CDS Exon 4 of transcript AGAP001713-PD;exon=> In CDS Exon 4 of transcript AGAP003049-PC;exon=> In CDS Exon 3 of transcript AGAP013071-PA;exon=> In CDS Exon 4 of transcript AGAP003418-PA
JHU_Ag_12205	VMEENAVLGFFNR	AGAP001715-PA	M2(Oxidation)	82	1.07E-07	1	1541.738	-2.32	Ovary	2R:-:8880852-8880814	exon=> In CDS Exon 2 of transcript AGAP001715-PA
JHU_Ag_44139	TPILNR	AGAP001716-PA	N5(Deamidated)	31	0.004805889	1	714.414	-0.88	Head	2R:-:8886968-8886951	exon=> In CDS Exon 7 of transcript AGAP001716-PA
JHU_Ag_73591	NPSSNDR	AGAP001716-PA	N1(Deamidated), N5(Deamidated)	30	0.003534358	2	791.328	13.97	Ovary	2R:-:8888917-8888897	exon=> In CDS Exon 6 of transcript AGAP001716-PA
JHU_Ag_110078	VFGDVLLETLSFK	AGAP001717-PA	-	104	1.89E-10	1	1467.818	5.87	Larva	2R:-:8909158-8909248,8908799-8909045	exon=> In CDS Exon 2 and 1 of transcript AGAP001717-PA
JHU_Ag_5895	GQFEDFVVESVEASFR	AGAP001721-PA	-	120	1.58E-11	1	1845.867	1.02	Ovary	2R:+:8926252-8926299	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_6170	EVKPGHEATVAYSFLPTESFAGRPFGLNIALNYR	AGAP001721-PA	-	101	5.23E-10	1	3751.943	5.31	Salivary gland	2R:+:8926357-8926458	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_17688	DVDYEWIPSETLK	AGAP001721-PA	-	42	0.000925841	2	1594.769	3.22	Midgut	2R:+:8926684-8926722	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_18614	KVVETGTASTK	AGAP001721-PA	-	50	0.0001001	2	1120.623	1.65	Visceras	2R:+:8926651-8926683	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_29394	GQFEDFVVESVEASFR	AGAP001721-PA	-	93	8.21E-09	2	1845.867	0.89	Midgut	2R:+:8926252-8926299	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_29813	DVDYEWIPSETLK	AGAP001721-PA	-	54	5.37E-05	2	1594.763	-0.61	Malpighian tubule	2R:+:8926684-8926722	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_40157	SPDADTYLLFTRPLHASGSQLELPAGYPVEFLVGFTNK	AGAP001721-PA	-	64	2.37E-06	1	4151.115	0.67	Midgut	2R:+:8926138-8926251	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_49306	EVKPGHEATVAYSFLPTESFAGRPFGLNIALNYR	AGAP001721-PA	-	138	1.13E-13	1	3751.947	6.37	Larva	2R:+:8926357-8926458	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_49722	DVDYEWIPSETLK	AGAP001721-PA	-	63	7.07E-06	1	1594.768	2.68	Salivary gland	2R:+:8926684-8926722	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_53877	DVDYEWIPSETLK	AGAP001721-PA	-	48	0.000213077	2	1594.767	2.3	Pupa	2R:+:8926684-8926722	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_61518	DVDYEWIPSETLK	AGAP001721-PA	-	68	2.48E-06	1	1594.764	0.16	Male reproductive organs	2R:+:8926684-8926722	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_64060	VVETGTASTK	AGAP001721-PA	-	46	0.000325654	2	992.528	1.98	Head	2R:+:8926654-8926683	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_69035	GQFEDFVVESVEASFR	AGAP001721-PA	-	127	3.35E-12	2	1845.873	4.27	Salivary gland	2R:+:8926252-8926299	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_75217	GQFEDFVVESVEASFR	AGAP001721-PA	-	111	1.39E-10	2	1845.871	2.75	Pupa	2R:+:8926252-8926299	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_92610	VVETGTASTK	AGAP001721-PA	-	63	4.91E-06	1	992.526	0.21	Salivary gland	2R:+:8926654-8926683	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_94601	DVDYEWIPSETLK	AGAP001721-PA	-	38	0.002273219	2	1594.770	3.83	Head	2R:+:8926684-8926722	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_94983	GQFEDFVVESVEASFR	AGAP001721-PA	-	99	2.23E-09	2	1845.876	5.85	Larva	2R:+:8926252-8926299	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_99715	KVVETGTASTK	AGAP001721-PA	-	66	2.26E-06	2	1120.622	0.99	Salivary gland	2R:+:8926651-8926683	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_100922	EVKPGHEATVAYSFLPTESFAGRPFGLNIALNYR	AGAP001721-PA	-	119	8.87E-12	1	3751.923	-0.08	Midgut	2R:+:8926357-8926458	exon=> In CDS Exon 2 of transcript AGAP001721-PA
JHU_Ag_32811	AIAQSGTALVPWGFQYRPR	AGAP001722-PA	-	71	6.70E-07	1	2118.133	3.92	Larva	2R:+:8929477-8929533	exon=> In CDS Exon 2 of transcript AGAP001722-PA

JHU_Ag_3909	GITKPNMVLPVTAHTGFDK	AGAP001724-PA	-	100	8.51E-10	1	2026.080	0.58	Malpighian tubule	2R:-:8935120-8935064	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_10672	EGFISGAVYYYNPELIK	AGAP001724-PA	-	108	2.65E-10	1	1962.989	2.29	Midgut	2R:-:8935384-8935334	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_11282	MAIYGVAQSVPDR	AGAP001724-PA	-	40	0.001794126	2	1406.711	0.63	Malpighian tubule	2R:-:8934050-8934012	exon=> In CDS Exon 3 of transcript AGAP001724-PA
JHU_Ag_12383	KVDEYLDLGHYR	AGAP001724-PA	-	53	0.000105447	1	1507.754	-0.05	Midgut	2R:-:8935426-8935391	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_18833	MAIYGVAQSVPDRELIGDFTK	AGAP001724-PA	-	97	2.21E-09	1	2310.190	4.52	Malpighian tubule	2R:-:8934050-8933988	exon=> In CDS Exon 3 of transcript AGAP001724-PA
JHU_Ag_21819	NIFIFGTPATSVIGIGSR	AGAP001724-PA	-	38	0.00073588	2	1850.031	7.38	Ovary	2R:-:8934390-8934337	exon=> In CDS Exon 2 of transcript AGAP001724-PA
JHU_Ag_23741	NIFIFGTPATSVIGIGSR	AGAP001724-PA	-	36	0.001239928	2	1850.030	7.12	Larva	2R:-:8934390-8934337	exon=> In CDS Exon 2 of transcript AGAP001724-PA
JHU_Ag_32905	EGFISGAVYYYNPELIK	AGAP001724-PA	-	41	0.001102203	1	1963.000	7.89	Male reproductive organs	2R:-:8935384-8935334	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_32995	KVDEYLDLGHYR	AGAP001724-PA	-	77	4.26E-07	1	1507.760	4.09	Malpighian tubule	2R:-:8935426-8935391	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_33923	KVDEYLDLGHYR	AGAP001724-PA	-	61	1.55E-05	1	1507.753	-0.41	Salivary gland	2R:-:8935426-8935391	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_34765	VALIMKNPTKPVEGK	AGAP001724-PA	M5(Oxidation)	47	7.99E-05	1	1640.941	0.54	Malpighian tubule	2R:-:8934095-8934051	exon=> In CDS Exon 3 of transcript AGAP001724-PA
JHU_Ag_35170	ASYTNPLHPDVFPGVCK	AGAP001724-PA	C16(Carbamidomethyl)	53	7.71E-05	1	1901.923	0.72	Malpighian tubule	2R:-:8935309-8935259	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_36270	DISQTGNYYTELPHDSMGQAEILK	AGAP001724-PA	M17(Oxidation)	98	2.54E-09	1	2710.275	3.08	Head	2R:-:8935498-8935427	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_42105	GSSVILYSEK	AGAP001724-PA	-	45	0.000335933	2	1082.572	-0.84	Salivary gland	2R:-:8934727-8934698	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_44835	RVDAEIEK	AGAP001724-PA	-	41	0.001475067	1	959.515	-0.46	Salivary gland	2R:-:8935543-8935520	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_45754	ASYTNPLHPDVFPGVCK	AGAP001724-PA	C16(Carbamidomethyl)	92	9.31E-09	1	1901.919	-1.26	Midgut	2R:-:8935309-8935259	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_48253	KVDEYLDLGHYR	AGAP001724-PA	-	56	4.96E-05	2	1507.759	3.12	Head	2R:-:8935426-8935391	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_48324	NIFIFGTPATSVIGIGSR	AGAP001724-PA	-	58	8.40E-06	2	1850.025	4.48	Head	2R:-:8934390-8934337	exon=> In CDS Exon 2 of transcript AGAP001724-PA
JHU_Ag_55749	YIEQELR	AGAP001724-PA	-	36	0.004091225	2	950.495	1.27	Malpighian tubule	2R:-:8934520-8935747,8934260-8934400	exon=> In CDS Exon 2 and 1 of transcript AGAP001724-PA
JHU_Ag_60135	WKEGFISGAVYYYNPELIK	AGAP001724-PA	-	42	0.000694356	1	2277.156	-1.29	Midgut	2R:-:8935390-8935334	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_64240	ASYTNPLHPDVFPGVCK	AGAP001724-PA	C16(Carbamidomethyl)	61	1.07E-05	1	1901.920	-0.75	Salivary gland	2R:-:8935309-8935259	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_65764	DISQTGNYYTELPHDSMGQAEILK	AGAP001724-PA	M17(Oxidation)	77	2.51E-07	1	2726.255	-2.41	Midgut	2R:-:8935498-8935427	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_68390	DISQTGNYYTELPHDSMGQAEILK	AGAP001724-PA	-	120	1.32E-11	1	2710.271	1.8	Malpighian tubule	2R:-:8935498-8935427	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_68867	AGYPVRPFDFSIPGVTSISADTHK	AGAP001724-PA	-	65	3.46E-06	1	2562.298	-0.51	Midgut	2R:-:8934817-8934746	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_71818	AGYPVRPFDFSIPGVTSISADTHK	AGAP001724-PA	-	75	3.69E-07	1	2562.305	2.54	Malpighian tubule	2R:-:8934817-8934746	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_73375	VDEYLDLGHYR	AGAP001724-PA	-	81	1.28E-07	1	1379.658	-1.1	Midgut	2R:-:8935423-8935391	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_82245	GITKPNMVLPVTAHTGFDK	AGAP001724-PA	M7(Oxidation)	55	3.40E-05	2	2042.077	1.25	Midgut	2R:-:8935120-8935064	exon=> In CDS Exon 1 of transcript AGAP001724-PA

JHU_Ag_84436	NIFIFGTPATSVIGIGSR	AGAP001724-PA	-	124	2.04E-12	1	1850.020	1.58	Salivary gland	2R:-:8934390-8934337	exon=> In CDS Exon 2 of transcript AGAP001724-PA
JHU_Ag_84772	LVTEVYGK	AGAP001724-PA	-	40	0.000708046	2	908.509	0.25	Midgut	2R:-:8935333-8935310	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_92036	VVPVNGDTTEVDIAAMER	AGAP001724-PA	M16(Oxidation),N5(Deamidated),"N5(Deamidated),M16(Oxidation)"	123	9.62E-12	1	1931.937	-0.3	Midgut	2R:-:8935033-8934980	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_99867	VVPVNGDTTEVDIAAMER	AGAP001724-PA	-	108	2.85E-10	1	1915.945	1.19	Malpighian tubule	2R:-:8935033-8934980	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_100065	MAIYGVAQSVPDR	AGAP001724-PA	M1(Oxidation)	68	2.95E-06	2	1406.711	0.63	Midgut	2R:-:8934050-8934012	exon=> In CDS Exon 3 of transcript AGAP001724-PA
JHU_Ag_104153	HYQYTVTTEWPGGVYGSPTVNGSR	AGAP001724-PA	N21(Deamidated)	34	0.004190039	1	2657.205	-8.34	Midgut	2R:-:8934688-8934617	exon=> In CDS Exon 1 of transcript AGAP001724-PA
JHU_Ag_104641	MAIYGVAQSVPDRELIGDFTK	AGAP001724-PA	M1(Oxidation)	91	1.00E-08	1	2310.182	0.95	Midgut	2R:-:8934050-8933988	exon=> In CDS Exon 3 of transcript AGAP001724-PA
JHU_Ag_109192	NIFIFGTPATSVIGIGSR	AGAP001724-PA	-	126	1.61E-12	2	1850.010	-4.1	Midgut	2R:-:8934390-8934337	exon=> In CDS Exon 2 of transcript AGAP001724-PA
JHU_Ag_109220	NIFIFGTPATSVIGIGSR	AGAP001724-PA	-	81	3.89E-08	2	1850.030	7.05	Malpighian tubule	2R:-:8934390-8934337	exon=> In CDS Exon 2 of transcript AGAP001724-PA
JHU_Ag_1500	LLLETQK	AGAP001725-PA	Q6(Deamidated)	35	0.002465226	2	845.510	13.73	Pupa	2R:+:8936965-8936985	exon=> In CDS Exon 2 of transcript AGAP001725-PA
JHU_Ag_91798	YFLELDQPGSASEEK	AGAP001729-PA	-	41	0.001012628	1	1712.797	-2.71	Ovary	2R:+:9037519-9037563	exon=> In CDS Exon 3 of transcript AGAP001729-PA
JHU_Ag_98726	VVDFLVK	AGAP001729-PA	-	30	0.0027	1	819.499	1.31	Ovary	2R:+:9036572-9036592	exon=> In CDS Exon 2 of transcript AGAP001729-PA
JHU_Ag_6401	TVFPFRPISIVPARPLAGVLAPNQLLNGAER	AGAP001732-PA	-	88	1.22E-09	1	3313.903	4.14	Head	2R:-:9087817-9087725	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_13824	TVFPFRPISIVPARPLAGVLAPNQLLNGAER	AGAP001732-PA	-	80	7.55E-09	1	3313.920	9.15	Malpighian tubule	2R:-:9087817-9087725	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_14172	TVFPFRPISIVPARPLAGVLAPNQLLNGAER	AGAP001732-PA	-	100	7.85E-11	1	3313.903	3.99	Ovary	2R:-:9087817-9087725	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_20091	ILELGDQGSVR	AGAP001732-PA	-	78	2.19E-07	2	1186.644	1.28	Malpighian tubule	2R:-:9087643-9087611	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_27289	ILELGDQGSVR	AGAP001732-PA	-	82	8.00E-08	2	1186.643	0.66	Pupa	2R:-:9087643-9087611	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_32564	LGPDCVGTYSER	AGAP001732-PA	C5(Carbamidomethyl)	62	7.15E-06	2	1353.609	-0.81	Midgut	2R:-:9087598-9087895,9086474-9087494	exon=> In CDS Exon 2 and 1 of transcript AGAP001732-PA
JHU_Ag_57951	TVFPFRPISIVPARPLAGVLAPNQLLNGAER	AGAP001732-PA	-	60	6.34E-07	1	3313.900	3.11	Midgut	2R:-:9087817-9087725	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_58927	LGPDCVGTYSER	AGAP001732-PA	C5(Carbamidomethyl)	52	6.69E-05	1	1353.613	2.17	Ovary	2R:-:9087598-9087895,9086474-9087494	exon=> In CDS Exon 2 and 1 of transcript AGAP001732-PA
JHU_Ag_61086	LHEGGLQQPEGIAVR	AGAP001732-PA	-	73	6.22E-07	1	1603.857	0.98	Pupa	2R:-:9087724-9087680	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_67654	LHEGGLQQPEGIAVR	AGAP001732-PA	-	38	0.001898515	2	1603.860	2.73	Ovary	2R:-:9087724-9087680	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_79807	GNNLIVADPYLGIWQVHIK	AGAP001732-PA	-	51	4.49E-05	1	2150.175	-0.41	Midgut	2R:-:9087454-9087398	exon=> In CDS Exon 2 of transcript AGAP001732-PA
JHU_Ag_82735	LFVLAEAPFR	AGAP001732-PA	-	61	3.85E-06	2	1162.671	7.4	Larva	2R:-:9086842-9086813	exon=> In CDS Exon 2 of transcript AGAP001732-PA
JHU_Ag_84394	LFVLAEAPFR	AGAP001732-PA	-	48	0.00011758	2	1162.662	-0.26	Male reproductive organs	2R:-:9086842-9086813	exon=> In CDS Exon 2 of transcript AGAP001732-PA
JHU_Ag_94304	AIIVEDREQSSSSSSEAAR	AGAP001732-PA	-	46	0.000459247	3	2021.976	1.41	Ovary	2R:-:9087361-9087305	exon=> In CDS Exon 2 of transcript AGAP001732-PA

JHU_Ag_97905	LGPDCVGTYSER	AGAP001732-PA	C5(Carbamidomethyl)	55	3.96E-05	1	1353.613	1.99	Malpighian tubule	2R:-:9087598-9087895,9086474-9087494	exon=> In CDS Exon 2 and 1 of transcript AGAP001732-PA
JHU_Ag_101982	LFVLAEAPFR	AGAP001732-PA	-	63	4.05E-06	2	1162.664	1.42	Pupa	2R:-:9086842-9086813	exon=> In CDS Exon 2 of transcript AGAP001732-PA
JHU_Ag_104755	LHEGGLQQPEGIAVR	AGAP001732-PA	-	104	4.27E-10	1	1603.850	-3.05	Midgut	2R:-:9087724-9087680	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_111432	LHEGGLQQPEGIAVR	AGAP001732-PA	-	52	6.36E-05	1	1603.860	2.89	Male reproductive organs	2R:-:9087724-9087680	exon=> In CDS Exon 1 of transcript AGAP001732-PA
JHU_Ag_31200	FQWDQVGPSEK	AGAP001733-PA	-	43	0.000766236	2	1320.621	-1.08	Midgut	2R:+:9092551-9092583	exon=> In CDS Exon 3 of transcript AGAP001733-PA
JHU_Ag_46674	GKGDIIVTTR	AGAP001733-PA	-	45	0.000276928	2	1059.618	1.76	Malpighian tubule	2R:+:9090370-9090399	exon=> In CDS Exon 2 of transcript AGAP001733-PA
JHU_Ag_76911	ALISLEAQQAGTSVAGK	AGAP001733-PA	-	100	9.29E-10	2	1643.904	4.56	Malpighian tubule	2R:+:9091303-9091353	exon=> In CDS Exon 3 of transcript AGAP001733-PA
JHU_Ag_107320	ALISLEAQQAGTSVAGK	AGAP001733-PA	-	79	1.30E-07	2	1643.897	0.18	Salivary gland	2R:+:9091303-9091353	exon=> In CDS Exon 3 of transcript AGAP001733-PA
JHU_Ag_5978	VLGLLLGQK	AGAP001734-PA	-	36	0.000375391	2	940.619	-0.16	Pupa	2R:+:9095465-9095491	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_11399	FVYDLQTGAFPSR	AGAP001734-PA	-	78	2.60E-07	2	1500.749	0.25	Midgut	2R:+:9094748-9094786	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_62320	VLGLLLGQK	AGAP001734-PA	-	45	4.72E-05	2	940.619	0.17	Salivary gland	2R:+:9095465-9095491	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_73051	ATVKPDTPHVYPAPPSR	AGAP001734-PA	-	90	1.47E-08	1	1832.959	-3.33	Midgut	2R:+:9095360-9095410	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_85267	FYHSIYDDQENLHYR	AGAP001734-PA	-	100	1.01E-09	1	1999.892	-0.67	Midgut	2R:+:9095069-9095113	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_90625	YISVHTTLTSDATGWTYR	AGAP001734-PA	-	69	2.06E-06	1	2072.016	3.63	Midgut	2R:+:9095411-9095464	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_90716	KYDFTQLEDLDLGDR	AGAP001734-PA	-	51	0.000100434	1	1827.868	-4.53	Midgut	2R:+:9095132-9095176	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_96075	YSTWTESTWSEMSAR	AGAP001734-PA	M12(Oxidation)	73	2.58E-07	1	1837.770	0.2	Midgut	2R:+:9095654-9095698	exon=> In CDS Exon 3 of transcript AGAP001734-PA
JHU_Ag_5606	IQQAVNEFNR	AGAP001735-PA	-	48	0.000296672	2	1218.624	0.9	Male reproductive organs	2R:-:9097081-9097052	exon=> In CDS Exon 2 of transcript AGAP001735-PA
JHU_Ag_20666	MLNSLFVNHQDQK	AGAP001735-PA	N-Term(Acetyl), M1(Oxidation)	72	1.11E-06	1	1631.785	0.25	Male reproductive organs	2R:-:9097790-9097752	exon=> In CDS Exon 1 of transcript AGAP001735-PA
JHU_Ag_26107	QLEELK	AGAP001735-PA	-	46	0.000649853	2	759.432	9.32	Head	2R:-:9096835-9096818	exon=> In CDS Exon 2 of transcript AGAP001735-PA
JHU_Ag_58839	DFDLFDPDGLKK	AGAP001735-PA	-	52	0.00012107	1	1409.690	-3.07	Male reproductive organs	2R:-:9097381-9097346	exon=> In CDS Exon 2 of transcript AGAP001735-PA
JHU_Ag_112086	KAWDQLANEFDR	AGAP001735-PA	-	82	9.28E-08	1	1492.719	0.79	Male reproductive organs	2R:-:9096787-9096752	exon=> In CDS Exon 2 of transcript AGAP001735-PA
JHU_Ag_10584	INPFLYIPEEGVFSK	AGAP001738-PA	-	65	3.97E-06	1	1752.916	-2.62	Ovary	2R:+:9103392-9103436	exon=> In CDS Exon 3 of transcript AGAP001738-PA
JHU_Ag_53079	WIPSDILALSPALR	AGAP001744-PA	-	40	0.000271748	2	1551.891	1.04	Salivary gland	2R:+:9240036-9240077	exon=> In CDS Exon 4 of transcript AGAP001744-PA
JHU_Ag_103489	WIPSDILALSPALR	AGAP001744-PA	-	61	2.10E-06	2	1551.897	4.58	Ovary	2R:+:9240036-9240077	exon=> In CDS Exon 4 of transcript AGAP001744-PA
JHU_Ag_109199	WIPSDILALSPALR	AGAP001744-PA	-	64	1.02E-06	2	1551.890	0.26	Midgut	2R:+:9240036-9240077	exon=> In CDS Exon 4 of transcript AGAP001744-PA
JHU_Ag_112455	WIPSDILALSPALR	AGAP001744-PA	-	52	1.47E-05	1	1551.891	1.28	Head	2R:+:9240036-9240077	exon=> In CDS Exon 4 of transcript AGAP001744-PA
JHU_Ag_214	LLHVAVSDVNDDVR	AGAP001745-PA	-	77	2.48E-07	1	1551.819	4.12	Ovary	2R:-:9241798-9241757	exon=> In CDS Exon 1 of transcript AGAP001745-PA

JHU_Ag_4129	DNLEWLAR	AGAP001745-PA	-	40	0.001528226	2	1016.516	-0.4	Pupa	2R:-:9242440-9242417	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_4842	SAARPSLYAYPAPLEEK	AGAP001745-PA	-	74	4.37E-07	1	1862.972	4	Malpighian tubule	2R:-:9241189-9241139	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_7418	EAIALLEPMAK	AGAP001745-PA	M9(Oxidation)	56	3.36E-05	1	1201.651	0.66	Malpighian tubule	2R:-:9241603-9241571	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_8658	ATNWAKLTATASLGVIHR	AGAP001745-PA	-	40	0.000419233	3	1910.073	6.37	Malpighian tubule	2R:-:9242416-9242363	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_9335	ATAPIPSALISNFKPQGTTTTDATATTATEATEPK	AGAP001745-PA	-	162	5.62E-16	1	3503.780	1.41	Head	2R:-:9242797-9242693	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_10900	SPEQCPSVVSLLAESYNPHVR	AGAP001745-PA	C5(Carbamidomethyl)	125	4.65E-12	1	2369.163	3.16	Malpighian tubule	2R:-:9241717-9241655	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_11040	LEEADALVASLSNDKDPVLR	AGAP001745-PA	-	118	1.35E-11	1	2155.129	2.2	Midgut	2R:-:9241924-9241865	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_11692	YGAAMALGIACAGTGSR	AGAP001745-PA	C11(Carbamidomethyl),"M5(Oxidation),C11(Carbamidomethyl)"	71	1.03E-06	1	1642.770	1.68	Ovary	2R:-:9241654-9241604	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_13282	ATAPIPSALISNFKPQGTTTTDATATTATEATEPK	AGAP001745-PA	-	167	1.70E-16	1	3503.789	4.02	Malpighian tubule	2R:-:9242797-9242693	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_13300	SASSGAASPAPASGEDATATSASASTGTDK	AGAP001745-PA	-	214	4.11E-21	1	2611.167	2.49	Head	2R:-:9240880-9240791	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_14716	TLESLNEAEK	AGAP001745-PA	-	38	0.002741759	2	1133.569	0.34	Pupa	2R:-:9242683-9242654	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_15399	LEEADALVASLSNDKDPVLR	AGAP001745-PA	-	65	2.66E-06	1	2155.128	1.96	Salivary gland	2R:-:9241924-9241865	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_16871	ATAPIPSALISNFKPQGTTTTDATATTATEATEPK	AGAP001745-PA	-	70	9.10E-07	1	3503.776	0.15	Male reproductive organs	2R:-:9242797-9242693	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_17642	FGAILAQGIIDAGGR	AGAP001745-PA	-	96	2.62E-09	2	1458.811	2.85	Head	2R:-:9241417-9241373	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_19924	ATAPIPSALISNFKPQGTTTTDATATTATEATEPK	AGAP001745-PA	-	130	9.56E-13	1	3503.772	-1	Midgut	2R:-:9242797-9242693	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_22005	VTTAVLSIAAR	AGAP001745-PA	-	99	5.36E-10	2	1101.662	-0.37	Ovary	2R:-:9241117-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_22034	VNITSAAGIICLLDEPVTELK	AGAP001745-PA	C11(Carbamidomethyl)	104	2.58E-10	1	2256.218	0.95	Ovary	2R:-:9243619-9243557	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_22306	VISIAEGTAYTPLK	AGAP001745-PA	-	105	1.68E-10	1	1462.821	4.17	Malpighian tubule	2R:-:9240694-9240653	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_23701	VALVEAEENNLVAKPIDARLEAIVNR	AGAP001745-PA	-	148	2.36E-15	1	2846.590	5.64	Malpighian tubule	2R:-:9243280-9243203	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_23838	EKVTTAVLSIAAR	AGAP001745-PA	-	88	3.26E-09	1	1358.800	0.06	Ovary	2R:-:9241123-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_24513	EPEPSFEILSNPAR	AGAP001745-PA	-	78	2.48E-07	1	1585.787	0.66	Ovary	2R:-:9240757-9240716	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_25474	LTATASLGVIHR	AGAP001745-PA	-	56	9.04E-06	1	1238.722	0	Midgut	2R:-:9242398-9242363	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_25998	EKVTTAVLSIAAR	AGAP001745-PA	-	54	8.87E-06	2	1358.802	1.41	Male reproductive organs	2R:-:9241123-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_26167	EPEPSFEILSNPAR	AGAP001745-PA	-	67	2.84E-06	2	1585.793	4.28	Malpighian tubule	2R:-:9240757-9240716	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_26833	VISIAEGTAYTPLK	AGAP001745-PA	-	87	1.01E-08	2	1462.819	2.25	Pupa	2R:-:9240694-9240653	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_28729	TPKEPEPSFEILSNPAR	AGAP001745-PA	-	46	0.000303117	1	1911.981	-0.34	Salivary gland	2R:-:9240766-9240716	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_29466	DNLEWLAR	AGAP001745-PA	-	35	0.004348 73	2	1016.516	0.02	Ovary	2R:-:9242440-9242417	exon=> In CDS Exon 1 of transcript AGAP001745-PA

JHU_Ag_29558	HAQAIEDMVSYAQETQHEK	AGAP001745-PA	-	120	1.29E-11	1	2215.007	-0.49	Midgut	2R:-:9242029-9241973	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_29919	TLESLNEAEK	AGAP001745-PA	-	45	0.000529699	2	1133.568	-0.09	Male reproductive organs	2R:-:9242683-9242654	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_29978	LTATASLGVIHR	AGAP001745-PA	-	66	7.78E-07	1	1238.722	0.5	Ovary	2R:-:9242398-9242363	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_31643	VISIAEGTAYTPLK	AGAP001745-PA	-	92	3.72E-09	1	1462.819	2.42	Head	2R:-:9240694-9240653	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_32505	QALGIALETR	AGAP001745-PA	-	49	0.000145927	2	1071.616	0.14	Pupa	2R:-:9243166-9243137	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_32812	TPKEPEPSFEILSNPAR	AGAP001745-PA	-	47	0.000292153	1	1911.980	-0.44	Ovary	2R:-:9240766-9240716	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_33986	FDPVNFVR	AGAP001745-PA	-	37	0.002672007	2	993.516	0.69	Malpighian tubule	2R:-:9241570-9241547	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_34168	YGAAMALGIACAGTGSR	AGAP001745-PA	M5(Oxidation), C11(Carbamidomethyl)	61	1.05E-05	2	1642.765	-1.74	Midgut	2R:-:9241654-9241604	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_34198	EAIALLEPMAK	AGAP001745-PA	M9(Oxidation)	60	1.63E-05	1	1201.649	-0.46	Male reproductive organs	2R:-:9241603-9241571	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_35969	AAVTAIGFILFR	AGAP001745-PA	-	80	2.10E-08	2	1278.760	2.53	Head	2R:-:9241753-9241718	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_36756	VISIAEGTAYTPLK	AGAP001745-PA	-	62	3.34E-06	2	1462.817	1.09	Salivary gland	2R:-:9240694-9240653	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_37244	NDDLKEPEAPEPFEYVEDDA	AGAP001745-PA	-	79	5.87E-08	1	2321.991	-1.1	Head	2R:-:9240562-9240503	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_37477	NEYVDTIIAK	AGAP001745-PA	-	65	3.89E-06	1	1165.617	6.09	Head	2R:-:9243337-9243308	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_40109	YGAAMALGIACAGTGSR	AGAP001745-PA	M5(Oxidation), C11(Carbamidomethyl)	76	3.21E-07	2	1642.775	4.57	Salivary gland	2R:-:9241654-9241604	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_40168	FGAILAQGIIDAGGR	AGAP001745-PA	-	115	3.49E-11	2	1458.806	-0.58	Midgut	2R:-:9241417-9241373	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_40208	GHETDSLALMQSYLPK	AGAP001745-PA	M10(Oxidation)	70	1.41E-06	2	1805.883	5.1	Malpighian tubule	2R:-:9242362-9242315	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_42871	SPEQCPSVVSLLAESYNPHVR	AGAP001745-PA	C5(Carbamidomethyl)	125	4.92E-12	1	2369.152	-1.55	Ovary	2R:-:9241717-9241655	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_42872	QGALIASAMILIQHTDQTCPK	AGAP001745-PA	C19(Carbamidomethyl)	86	2.68E-08	1	2296.194	6.42	Head	2R:-:9241546-9241484	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_43993	SPEQCPSVVSLLAESYNPHVR	AGAP001745-PA	C5(Carbamidomethyl)	100	1.55E-09	1	2369.155	-0.01	Male reproductive organs	2R:-:9241717-9241655	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_45169	QALGIALETR	AGAP001745-PA	-	43	0.000644371	2	1071.616	0.37	Ovary	2R:-:9243166-9243137	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_46341	ATAPIPSALISNFKPQGTTTTDATATTATEATEPK	AGAP001745-PA	-	107	1.80E-10	1	3503.781	1.72	Visceras	2R:-:9242797-9242693	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_47114	LTATASLGVIHR	AGAP001745-PA	-	50	3.08E-05	2	1238.726	3.35	Malpighian tubule	2R:-:9242398-9242363	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_48911	LLHVAVSDVNDDVRR	AGAP001745-PA	-	84	3.14E-08	1	1707.917	1.99	Malpighian tubule	2R:-:9241798-9241754	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_49037	LLHVAVSDVNDDVRR	AGAP001745-PA	-	45	0.000206223	1	1707.917	1.99	Salivary gland	2R:-:9241798-9241754	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_49090	VALVEAEENNLVAKPIDAR	AGAP001745-PA	-	145	1.95E-14	1	2051.118	2.2	Malpighian tubule	2R:-:9243280-9243224	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_50708	LLHVAVSDVNDDVR	AGAP001745-PA	-	50	0.000124801	1	1551.821	5.14	Malpighian tubule	2R:-:9241798-9241757	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_51174	TLESLNEAEKTHQK	AGAP001745-PA	-	45	0.000472202	1	1627.838	5.78	Malpighian tubule	2R:-:9242683-9242642	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_52496	DNLEWLAR	AGAP001745-PA	-	46	0.0003387	2	1016.518	1.64	Malpighian tubule	2R:-:9242440-9242417	exon=> In CDS Exon 1 of transcript AGAP001745-PA

JHU_Ag_52717	LEAIVNR	AGAP001745-PA	-	41	0.001203757	2	814.478	-0.79	Male reproductive organs	2R:-:9243223-9243203	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_52955	NEYVDTIIAK	AGAP001745-PA	-	56	2.85E-05	1	1165.610	0.22	Midgut	2R:-:9243337-9243308	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_54645	VALVEAEENNLVAKPIDAR	AGAP001745-PA	-	69	6.73E-07	1	2051.126	6.22	Salivary gland	2R:-:9243280-9243224	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_56007	SFSHHELAALVASK	AGAP001745-PA	-	94	3.88E-09	1	1496.797	7.44	Ovary	2R:-:9243460-9243419	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_56222	YGAAMALGIACAGTGSR	AGAP001745-PA	C11(Carbamidomethyl),"M5(Oxidation),C11(Carbamidomethyl)"	93	8.22E-09	2	1626.779	3.97	Malpighian tubule	2R:-:9241654-9241604	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_56240	HAQAIEDMVSYAQETQHEK	AGAP001745-PA	M8(Oxidation)	125	4.24E-12	1	2215.015	2.82	Malpighian tubule	2R:-:9242029-9241973	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_57490	LLHVAVSDVNDDVRR	AGAP001745-PA	-	58	1.19E-05	2	1707.920	3.72	Ovary	2R:-:9241798-9241754	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_57751	FDPVNFVR	AGAP001745-PA	-	51	0.000124	2	993.515	-0.05	Midgut	2R:-:9241570-9241547	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_58204	LEEADALVASLSNDKDPVLR	AGAP001745-PA	-	133	4.67E-13	1	2155.126	0.6	Ovary	2R:-:9241924-9241865	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_58417	LEEADALVASLSNDKDPVLR	AGAP001745-PA	-	97	1.76E-09	1	2155.126	0.94	Malpighian tubule	2R:-:9241924-9241865	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_60427	QGALIASAMILIQHTDQTCPK	AGAP001745-PA	M9(Oxidation),C19(Carbamidomethyl)	49	0.000156448	1	2312.184	4.51	Malpighian tubule	2R:-:9241546-9241484	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_63011	EAIALLEPMAK	AGAP001745-PA	M9(Oxidation)	61	1.24E-05	2	1201.650	0.05	Midgut	2R:-:9241603-9241571	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_64140	TLESLNEAEK	AGAP001745-PA	-	39	0.002046583	1	1133.569	0.19	Midgut	2R:-:9242683-9242654	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_66359	FGAILAQGIIDAGGR	AGAP001745-PA	-	105	2.86E-10	2	1458.806	0.01	Male reproductive organs	2R:-:9241417-9241373	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_67767	TLESLNEAEK	AGAP001745-PA	-	61	1.53E-05	2	1133.571	1.85	Malpighian tubule	2R:-:9242683-9242654	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_67869	SFSHHELAALVASK	AGAP001745-PA	-	33	0.005021543	2	1496.791	3.36	Malpighian tubule	2R:-:9243460-9243419	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_68577	TLESLNEAEK	AGAP001745-PA	-	54	6.78E-05	2	1133.568	-0.42	Ovary	2R:-:9242683-9242654	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_70971	FDPVNFVR	AGAP001745-PA	-	39	0.002550563	1	993.514	-0.84	Visceras	2R:-:9241570-9241547	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_72016	SFSHHELAALVASK	AGAP001745-PA	-	69	1.50E-06	1	1496.785	-0.56	Midgut	2R:-:9243460-9243419	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_72281	GHETDSLALMQSYLPK	AGAP001745-PA	M10(Oxidation)	88	2.32E-08	1	1789.888	4.83	Ovary	2R:-:9242362-9242315	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_72725	ATAPIPSALISNFKPQGTTTTDATATTATEATEPK	AGAP001745-PA	-	64	4.00E-06	1	3503.780	1.3	Ovary	2R:-:9242797-9242693	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_74267	EPEPSFEILSNPAR	AGAP001745-PA	-	39	0.001969 53	2	1585.791	3.43	Pupa	2R:-:9240757-9240716	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_75501	EKVTTAVLSIAAR	AGAP001745-PA	-	46	5.11E-05	2	1358.803	1.86	Head	2R:-:9241123-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_76380	SAARPSLYAYPAPLEEK	AGAP001745-PA	-	87	2.23E-08	1	1862.971	3.54	Ovary	2R:-:9241189-9241139	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_77544	GHETDSLALMQSYLPK	AGAP001745-PA	M10(Oxidation)	87	2.76E-08	2	1789.886	4.01	Head	2R:-:9242362-9242315	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_77704	VFALNK	AGAP001745-PA	-	31	0.002566621	1	691.414	0.07	Pupa	2R:-:9243556-9243539	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_77832	FGAILAQGIIDAGGR	AGAP001745-PA	-	98	1.74E-09	1	1458.809	1.51	Ovary	2R:-:9241417-9241373	exon=> In CDS Exon 1 of transcript AGAP001745-PA

JHU_Ag_80618	NDDLKEPEAPEPFEYVEDDA	AGAP001745-PA	-	135	1.70E-13	1	2321.994	0.27	Malpighian tubule	2R:-:9240562-9240503	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_82041	VTTAVLSIAAR	AGAP001745-PA	-	85	1.19E-08	1	1101.663	0.4	Salivary gland	2R:-:9241117-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_82195	SFSHHELAALVASK	AGAP001745-PA	-	104	3.96E-10	1	1496.790	2.79	Head	2R:-:9243460-9243419	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_83095	AAVTAIGFILFR	AGAP001745-PA	-	94	8.53E-10	1	1278.757	-0.05	Midgut	2R:-:9241753-9241718	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_84561	LTATASLGVIHR	AGAP001745-PA	-	52	1.95E-05	2	1238.721	-0.29	Pupa	2R:-:9242398-9242363	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_84679	GHETDSLALMQSYLPK	AGAP001745-PA	M10(Oxidation)	98	2.56E-09	2	1805.871	-1.59	Midgut	2R:-:9242362-9242315	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_85376	LTATASLGVIHR	AGAP001745-PA	-	80	3.13E-08	1	1238.724	1.78	Head	2R:-:9242398-9242363	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_86418	VTTAVLSIAAR	AGAP001745-PA	-	84	1.60E-08	2	1101.668	4.39	Malpighian tubule	2R:-:9241117-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_88187	LEAIVNR	AGAP001745-PA	-	43	0.000543972	2	814.479	1.38	Malpighian tubule	2R:-:9243223-9243203	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_88693	LLHVAVSDVNDDVRR	AGAP001745-PA	-	78	1.14E-07	1	1707.919	3	Midgut	2R:-:9241798-9241754	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_89125	LLHVAVSDVNDDVR	AGAP001745-PA	-	67	2.68E-06	1	1551.810	-1.62	Midgut	2R:-:9241798-9241757	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_90373	AAVTAIGFILFR	AGAP001745-PA	-	94	7.90E-10	1	1278.761	3.3	Salivary gland	2R:-:9241753-9241718	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_91367	AAVTAIGFILFR	AGAP001745-PA	-	98	3.38E-10	1	1278.757	0.43	Ovary	2R:-:9241753-9241718	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_92613	HAQAIEDMVSYAQETQHEK	AGAP001745-PA	M8(Oxidation)	82	8.42E-08	1	2215.012	1.58	Ovary	2R:-:9242029-9241973	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_92625	EAIALLEPMAK	AGAP001745-PA	M9(Oxidation)	55	4.68E-05	2	1201.652	1.88	Ovary	2R:-:9241603-9241571	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_93605	SASSGAASPAPASGEDATATSASASTGTDK	AGAP001745-PA	-	40	0.001094924	3	2611.171	3.93	Malpighian tubule	2R:-:9240880-9240791	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_93684	HAQAIEDMVSYAQETQHEK	AGAP001745-PA	-	124	4.54E-12	1	2215.012	1.41	Salivary gland	2R:-:9242029-9241973	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_94252	HAQAIEDMVSYAQETQHEK	AGAP001745-PA	M8(Oxidation)	58	1.86E-05	1	2231.002	-0.7	Head	2R:-:9242029-9241973	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_94302	FGAILAQGIIDAGGR	AGAP001745-PA	-	120	1.11E-11	2	1458.808	0.93	Pupa	2R:-:9241417-9241373	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_94408	TPKEPEPSFEILSNPAR	AGAP001745-PA	-	77	2.47E-07	1	1911.989	4.35	Malpighian tubule	2R:-:9240766-9240716	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_95506	SPEQCPSVVSLLAESYNPHVR	AGAP001745-PA	C5(Carbamidomethyl)	131	1.32E-12	1	2369.165	4.17	Visceras	2R:-:9241717-9241655	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_95892	AAVTAIGFILFR	AGAP001745-PA	-	102	1.12E-10	1	1278.763	4.63	Malpighian tubule	2R:-:9241753-9241718	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_95955	LTATASLGVIHR	AGAP001745-PA	-	85	1.07E-08	1	1238.722	0.59	Male reproductive organs	2R:-:9242398-9242363	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_96410	SNHADLQILR	AGAP001745-PA	-	52	5.89E-05	2	1166.621	-5.41	Head	2R:-:9242569-9242540	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_96860	VALVEAEENNLVAKPIDAR	AGAP001745-PA	-	141	4.68E-14	1	2051.121	3.72	Head	2R:-:9243280-9243224	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_97423	ATAPIPSALISNFKPQGTTTTDATATTATEATEPKAER	AGAP001745-PA	-	105	1.89E-10	1	3859.972	4.06	Malpighian tubule	2R:-:9242797-9242684	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_97866	NEYVDTIIAK	AGAP001745-PA	-	55	3.96E-05	2	1165.610	-0.16	Ovary	2R:-:9243337-9243308	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_98003	VYYHLGSFEDSLTYALGAGDLFDVNAR	AGAP001745-PA	-	90	1.32E-08	1	2993.440	2.73	Salivary gland	2R:-:9243418-9243338	exon=> In CDS Exon 1 of transcript AGAP001745-PA

JHU_Ag_98110	AAVTAIGFILFR	AGAP001745-PA	-	50	2.27E-05	2	1278.754	-2.15	Visceras	2R:-:9241753-9241718	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_98593	EPEPSFEILSNPAR	AGAP001745-PA	-	65	4.28E-06	1	1585.789	2.12	Head	2R:-:9240757-9240716	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_99120	VTTAVLSIAAR	AGAP001745-PA	-	94	1.82E-09	2	1101.663	0.18	Male reproductive organs	2R:-:9241117-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_99438	NDDLKEPEAPEPFEYVEDDA	AGAP001745-PA	-	66	1.30E-06	2	2321.993	-0.15	Ovary	2R:-:9240562-9240503	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_99618	EKVTTAVLSIAAR	AGAP001745-PA	-	87	3.63E-09	2	1358.806	4.19	Malpighian tubule	2R:-:9241123-9241085	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_102172	ATAPIPSALISNFKPQGTTTTDATATTATEATEPK	AGAP001745-PA	-	154	3.31E-15	1	3503.780	1.41	Pupa	2R:-:9242797-9242693	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_104512	FGAILAQGIIDAGGR	AGAP001745-PA	-	97	2.01E-09	1	1458.809	1.43	Malpighian tubule	2R:-:9241417-9241373	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_105567	FDPVNFVR	AGAP001745-PA	-	51	0.000107217	2	993.516	0.38	Pupa	2R:-:9241570-9241547	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_106493	VALVEAEENNLVAKPIDAR	AGAP001745-PA	-	135	2.12E-13	1	2051.107	-3.06	Midgut	2R:-:9243280-9243224	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_107014	LEAIVNR	AGAP001745-PA	-	54	4.96E-05	2	814.478	0.26	Salivary gland	2R:-:9243223-9243203	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_107094	VALVEAEENNLVAKPIDAR	AGAP001745-PA	-	147	1.16E-14	1	2051.114	0.15	Ovary	2R:-:9243280-9243224	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_107182	LEEADALVASLSNDKDPVLR	AGAP001745-PA	-	70	8.29E-07	2	2155.122	-1.2	Male reproductive organs	2R:-:9241924-9241865	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_109873	LEAIVNR	AGAP001745-PA	-	38	0.001777043	2	814.481	3.1	Ovary	2R:-:9243223-9243203	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_111637	DNLEWLAR	AGAP001745-PA	-	44	0.000571235	2	1016.518	1.46	Salivary gland	2R:-:9242440-9242417	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_111670	FGAILAQGIIDAGGR	AGAP001745-PA	-	103	5.86E-10	1	1458.811	3.36	Salivary gland	2R:-:9241417-9241373	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_112498	VALVEAEENNLVAKPIDAR	AGAP001745-PA	N9(Deamidated),N10(Deamidated)	67	1.69E-06	1	2052.098	0.14	Pupa	2R:-:9243280-9243224	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_112950	FGAILAQGIIDAGGRNVTVSLQSR	AGAP001745-PA	-	113	1.89E-11	1	2443.343	0.7	Malpighian tubule	2R:-:9241417-9241346	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_113490	SPEQCPSVVSLLAESYNPHVR	AGAP001745-PA	C5(Carbamidomethyl)	96	4.54E-09	1	2369.156	0.38	Midgut	2R:-:9241717-9241655	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_114635	VISIAEGTAYTPLK	AGAP001745-PA	-	63	2.99E-06	2	1462.818	1.59	Ovary	2R:-:9240694-9240653	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_114821	VALVEAEENNLVAKPIDAR	AGAP001745-PA	-	57	1.14E-05	1	2051.110	-1.37	Male reproductive organs	2R:-:9243280-9243224	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_114838	SFSHHELAALVASK	AGAP001745-PA	-	59	1.48E-05	1	1496.785	-0.19	Pupa	2R:-:9243460-9243419	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_115448	LEAIVNR	AGAP001745-PA	-	47	0.000272608	2	814.477	-1.24	Pupa	2R:-:9243223-9243203	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_115583	LLHVAVSDVNDDVRR	AGAP001745-PA	-	56	1.84E-05	1	1707.912	-0.9	Pupa	2R:-:9241798-9241754	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_116029	AAVTAIGFILFR	AGAP001745-PA	-	65	5.90E-07	2	1278.756	-0.71	Male reproductive organs	2R:-:9241753-9241718	exon=> In CDS Exon 1 of transcript AGAP001745-PA
JHU_Ag_26247	VITLSEHHFPSASDEPEENAK	AGAP001746-PA	-	157	2.97E-15	1	2337.095	-1.9	Head	2R:-:9245560-9245498	exon=> In CDS Exon 2 of transcript AGAP001746-PA
JHU_Ag_34600	YNNELTLTR	AGAP001746-PA	-	50	0.000146127	2	1123.576	1.65	Malpighian tubule	2R:-:9245362-9245336	exon=> In CDS Exon 2 of transcript AGAP001746-PA
JHU_Ag_35190	YGTGSGQQSVTATELQEDVNSHWAVK	AGAP001749-PA	-	155	4.22E-15	1	2792.300	-4.28	Head	2R:+:9284836-9284913	exon=> In CDS Exon 2 of transcript AGAP001749-PA
JHU_Ag_63557	LHHLATNK	AGAP001749-PA	-	38	0.001581026	1	933.530	3.26	Visceras	2R:+:9285038-9285061	exon=> In CDS Exon 3 of transcript AGAP001749-PA

JHU_Ag_76015	YGTGSGQQSVTATELQEDVNSHWAVK	AGAP001749-PA	-	116	3.29E-11	1	2792.315	0.96	Visceras	2R:+:9284836-9284913	exon=> In CDS Exon 2 of transcript AGAP001749-PA
JHU_Ag_88599	YGTGSGQQSVTATELQEDVNSHWAVK	AGAP001749-PA	-	111	1.08E-10	1	2792.309	-1.14	Midgut	2R:+:9284836-9284913	exon=> In CDS Exon 2 of transcript AGAP001749-PA
JHU_Ag_89707	LQHIDTDMYLGVSGR	AGAP001749-PA	M8(Oxidation)	83	8.76E-08	1	1720.830	-1.51	Midgut	2R:+:9285268-9285312	exon=> In CDS Exon 4 of transcript AGAP001749-PA
JHU_Ag_99059	YGTGSGQQSVTATELQEDVNSHWAVK	AGAP001749-PA	-	63	7.15E-06	1	2792.326	4.76	Male reproductive organs	2R:+:9284836-9284913	exon=> In CDS Exon 2 of transcript AGAP001749-PA
JHU_Ag_101024	DSGAHVHTEL	AGAP001749-PA	-	66	3.34E-06	2	1065.495	-0.56	Male reproductive organs	2R:+:9285424-9285453	exon=> In CDS Exon 4 of transcript AGAP001749-PA
JHU_Ag_103687	LQHIDTDMYLGVSGR	AGAP001749-PA	M8(Oxidation)	58	2.77E-05	2	1720.832	-0.03	Male reproductive organs	2R:+:9285268-9285312	exon=> In CDS Exon 4 of transcript AGAP001749-PA
JHU_Ag_20448	TSILTAPGK	AGAP001751-PA	N-Term(Acetyl)	46	0.000337912	1	929.533	2.9	Salivary gland	2R:+:9352833-9352859	exon=> In CDS Exon 1 of transcript AGAP001751-PA
JHU_Ag_69309	SSSSSSSSSNMNIK	AGAP001751-PA	M12(Oxidation)	62	2.94E-06	1	1505.640	0.74	Salivary gland	2R:+:9353052-9353096	exon=> In CDS Exon 1 of transcript AGAP001751-PA
JHU_Ag_9148	TSSVSFSVDEHDAHGATGPAGSGSLDK	AGAP001751-PA,AGAP001751-PE	-	117	1.94E-11	1	2616.180	-0.52	Head	2R:+:9372396-9372476;2R:+:9372396-9372476	exon=> In CDS Exon 6 of transcript AGAP001751-PA;exon=> In CDS Exon 6 of transcript AGAP001751-PE
JHU_Ag_12254	TSSVSFSVDEHDAHGATGPAGSGSLDK	AGAP001751-PA,AGAP001751-PE	-	97	1.95E-09	1	2616.185	1.58	Salivary gland	2R:+:9372396-9372476;2R:+:9372396-9372476	exon=> In CDS Exon 6 of transcript AGAP001751-PA;exon=> In CDS Exon 6 of transcript AGAP001751-PE
JHU_Ag_18979	DPAHGSSLTTGATGGSGSSAASSVASIPIVAPIAAK	AGAP001751-PA,AGAP001751-PE	-	64	2.93E-06	1	3193.641	2.22	Head	2R:+:9372117-9372224;2R:+:9372117-9372224	exon=> In CDS Exon 6 of transcript AGAP001751-PA;exon=> In CDS Exon 6 of transcript AGAP001751-PE
JHU_Ag_19111	SVDHGLAAPFDLDSLR	AGAP001751-PA,AGAP001751-PE	-	45	0.000464132	1	1712.864	2.11	Salivary gland	2R:+:9367198-9367245;2R:+:9367198-9367245	exon=> In CDS Exon 3 of transcript AGAP001751-PA;exon=> In CDS Exon 3 of transcript AGAP001751-PE
JHU_Ag_37270	SSSSLVSSAHQSTLSTLTSDAGGR	AGAP001751-PA,AGAP001751-PE	-	75	4.93E-07	2	2336.138	2.13	Head	2R:+:9372318-9372389;2R:+:9372318-9372389	exon=> In CDS Exon 6 of transcript AGAP001751-PA;exon=> In CDS Exon 6 of transcript AGAP001751-PE
JHU_Ag_38601	SSSSLVSSAHQSTLSTLTSDAGGRK	AGAP001751-PA,AGAP001751-PE	-	149	1.90E-14	1	2464.228	0.08	Head	2R:+:9372318-9372392;2R:+:9372318-9372392	exon=> In CDS Exon 6 of transcript AGAP001751-PA;exon=> In CDS Exon 6 of transcript AGAP001751-PE
JHU_Ag_39334	DRDTLTSVAAR	AGAP001751-PA,AGAP001751-PE	-	61	1.20E-05	1	1204.630	1.32	Salivary gland	2R:+:9368303-9368335;2R:+:9368303-9368335	exon=> In CDS Exon 4 of transcript AGAP001751-PA;exon=> In CDS Exon 4 of transcript AGAP001751-PE
JHU_Ag_43177	ASSTEPPLFLSYDR	AGAP001751-PA,AGAP001751-PE	-	78	2.48E-07	1	1582.777	1.39	Head	2R:+:9371191-9371232;2R:+:9371191-9371232	exon=> In CDS Exon 5 of transcript AGAP001751-PA;exon=> In CDS Exon 5 of transcript AGAP001751-PE
JHU_Ag_46079	VASPNTQSGGAGGGGGGGGTAGTAAGGADDDDPVTIQR	AGAP001751-PA,AGAP001751-PE	-	107	2.04E-10	1	3256.474	1.13	Head	2R:+:9370555-9370668;2R:+:9370555-9370668	exon=> In CDS Exon 5 of transcript AGAP001751-PA;exon=> In CDS Exon 5 of transcript AGAP001751-PE
JHU_Ag_46383	SDSIESAPNTGDSNQSVFSK	AGAP001751-PA,AGAP001751-PE	-	77	2.14E-07	1	2069.927	0.56	Salivary gland	2R:+:9372649-9372708;2R:+:9372649-9372708	exon=> In CDS Exon 7 of transcript AGAP001751-PA;exon=> In CDS Exon 7 of transcript AGAP001751-PE
JHU_Ag_47660	SASEGEISEYTR	AGAP001751-PA,AGAP001751-PE	-	45	0.000332448	2	1328.596	-0.66	Salivary gland	2R:+:9376858-9376893;2R:+:9376858-9376893	exon=> In CDS Exon 11 of transcript AGAP001751-PA;exon=> In CDS Exon 11 of transcript AGAP001751-PE
JHU_Ag_47747	VQGATGGNETAEK	AGAP001751-PA,AGAP001751-PE	-	58	2.38E-05	2	1261.605	2.63	Head	2R:+:9370873-9370911;2R:+:9370873-9370911	exon=> In CDS Exon 5 of transcript AGAP001751-PA;exon=> In CDS Exon 5 of transcript AGAP001751-PE
JHU_Ag_60933	LSYPLAWVEGLTGEGGSSSHK	AGAP001751-PA,AGAP001751-PE	-	67	2.91E-06	1	2175.083	5.21	Head	2R:+:9372586-9372648;2R:+:9372586-9372648	exon=> In CDS Exon 7 of transcript AGAP001751-PA;exon=> In CDS Exon 7 of transcript AGAP001751-PE

JHU_Ag_67896	SSSSLVSSAHQSTLSTLTSDAGGR	AGAP001751-PA,AGAP001751-PE	-	62	1.01E-05	1	2336.133	0.27	Salivary gland	2R:+:9372318-9372389;2R:+:9372318-9372389	exon=> In CDS Exon 6 of transcript AGAP001751-PA;exon=> In CDS Exon 6 of transcript AGAP001751-PE
JHU_Ag_74706	LHGDSTESGGSSVEPK	AGAP001751-PA,AGAP001751-PE	-	52	8.13E-05	2	1586.735	3.28	Malpighian tubule	2R:+:9371143-9371190;2R:+:9371143-9371190	exon=> In CDS Exon 5 of transcript AGAP001751-PA;exon=> In CDS Exon 5 of transcript AGAP001751-PE
JHU_Ag_76419	ASADGESDASTER	AGAP001751-PA,AGAP001751-PE	-	79	6.19E-08	2	1295.540	3.81	Head	2R:+:9368435-9368473;2R:+:9368435-9368473	exon=> In CDS Exon 4 of transcript AGAP001751-PA;exon=> In CDS Exon 4 of transcript AGAP001751-PE
JHU_Ag_86457	SDSIESAPNTGDSNQSVFSK	AGAP001751-PA,AGAP001751-PE	-	106	2.41E-10	1	2069.925	-0.5	Head	2R:+:9372649-9372708;2R:+:9372649-9372708	exon=> In CDS Exon 7 of transcript AGAP001751-PA;exon=> In CDS Exon 7 of transcript AGAP001751-PE
JHU_Ag_90072	FDTTPSELTQLNR	AGAP001751-PA,AGAP001751-PE	-	87	2.97E-08	2	1521.759	3.06	Head	2R:+:9368336-9368374;2R:+:9368336-9368374	exon=> In CDS Exon 4 of transcript AGAP001751-PA;exon=> In CDS Exon 4 of transcript AGAP001751-PE
JHU_Ag_92150	DRDTLTSVAAR	AGAP001751-PA,AGAP001751-PE	-	51	0.000121578	1	1204.627	-1.01	Head	2R:+:9368303-9368335;2R:+:9368303-9368335	exon=> In CDS Exon 4 of transcript AGAP001751-PA;exon=> In CDS Exon 4 of transcript AGAP001751-PE
JHU_Ag_98968	SVDHGLAAPFDLDSLR	AGAP001751-PA,AGAP001751-PE	-	84	5.54E-08	1	1712.861	0.48	Head	2R:+:9367198-9367245;2R:+:9367198-9367245	exon=> In CDS Exon 3 of transcript AGAP001751-PA;exon=> In CDS Exon 3 of transcript AGAP001751-PE
JHU_Ag_104064	VQGATGGNETAEK	AGAP001751-PA,AGAP001751-PE	-	58	2.72E-05	2	1261.602	0.31	Salivary gland	2R:+:9370873-9370911;2R:+:9370873-9370911	exon=> In CDS Exon 5 of transcript AGAP001751-PA;exon=> In CDS Exon 5 of transcript AGAP001751-PE
JHU_Ag_109123	LASSFIYSGQQLLVPDK	AGAP001751-PA,AGAP001751-PE	-	43	0.000393811	1	1866.019	9.53	Salivary gland	2R:+:9368375-9368425;2R:+:9368375-9368425	exon=> In CDS Exon 4 of transcript AGAP001751-PA;exon=> In CDS Exon 4 of transcript AGAP001751-PE
JHU_Ag_110496	LASSFIYSGQQLLVPDKNAK	AGAP001751-PA,AGAP001751-PE	-	47	7.60E-05	1	2179.188	5.4	Head	2R:+:9368375-9368434;2R:+:9368375-9368434	exon=> In CDS Exon 4 of transcript AGAP001751-PA;exon=> In CDS Exon 4 of transcript AGAP001751-PE
JHU_Ag_115709	DLVTPNNLQR	AGAP001751-PA,AGAP001751-PE	-	30	0.009123085	2	1169.629	1.05	Head	2R:+:9371113-9371142;2R:+:9371113-9371142	exon=> In CDS Exon 5 of transcript AGAP001751-PA;exon=> In CDS Exon 5 of transcript AGAP001751-PE
JHU_Ag_15544	GNPESLAIGAGDGK	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	-	104	4.88E-10	2	1285.638	-0.57	Midgut	2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123	exon=> In CDS Exon 4 and 5 of transcript AGAP001751-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001751-PB;exon=> In CDS Exon 14 and 15 of transcript AGAP001751-PA;exon=> In CDS Exon 14 and 15 of transcript AGAP001751-PE
JHU_Ag_16189	FGLWLDGDLNQGR	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	-	64	6.86E-06	2	1490.745	4.32	Head	2R:+:9397124-9397162;2R:+:9397124-9397162;2R:+:9397124-9397162;2R:+:9397124-9397162	exon=> In CDS Exon 5 of transcript AGAP001751-PC;exon=> In CDS Exon 5 of transcript AGAP001751-PB;exon=> In CDS Exon 15 of transcript AGAP001751-PA;exon=> In CDS Exon 15 of transcript AGAP001751-PE

JHU_Ag_29458	FGLWLDGDLNQGR	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	-	43	0.000825987	2	1490.746	4.73	Salivary gland	2R:+:9397124-9397162;2R:+:9397124-9397162;2R:+:9397124-9397162;2R:+:9397124-9397162	exon=> In CDS Exon 5 of transcript AGAP001751-PC;exon=> In CDS Exon 5 of transcript AGAP001751-PB;exon=> In CDS Exon 15 of transcript AGAP001751-PA;exon=> In CDS Exon 15 of transcript AGAP001751-PE
JHU_Ag_58588	LCAHLPAR	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	C2(Carbamidomethyl)	33	0.005404106	1	937.500	-3.87	Head	2R:+:9396279-9396302;2R:+:9396279-9396302;2R:+:9396279-9396302;2R:+:9396279-9396302	exon=> In CDS Exon 3 of transcript AGAP001751-PC;exon=> In CDS Exon 3 of transcript AGAP001751-PB;exon=> In CDS Exon 13 of transcript AGAP001751-PA;exon=> In CDS Exon 13 of transcript AGAP001751-PE
JHU_Ag_67689	SQHCSTYSNEPLAPQEDFVIK	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	C4(Carbamidomethyl)	37	0.002608854	1	2450.134	1.78	Head	2R:+:9397163-9397225;2R:+:9397163-9397225;2R:+:9397163-9397225;2R:+:9397163-9397225	exon=> In CDS Exon 5 of transcript AGAP001751-PC;exon=> In CDS Exon 5 of transcript AGAP001751-PB;exon=> In CDS Exon 15 of transcript AGAP001751-PA;exon=> In CDS Exon 15 of transcript AGAP001751-PE
JHU_Ag_78019	VFHWSGENLYFIK	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	-	88	2.31E-08	1	1639.831	2.78	Midgut	2R:+:9396623-9396661;2R:+:9396623-9396661;2R:+:9396623-9396661;2R:+:9396623-9396661	exon=> In CDS Exon 4 of transcript AGAP001751-PC;exon=> In CDS Exon 4 of transcript AGAP001751-PB;exon=> In CDS Exon 14 of transcript AGAP001751-PA;exon=> In CDS Exon 14 of transcript AGAP001751-PE
JHU_Ag_81843	GNPESLAIGAGDGK	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	-	113	7.33E-11	2	1285.639	0.48	Head	2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123;2R:+:9396662-9396696,9397117-9397123	exon=> In CDS Exon 4 and 5 of transcript AGAP001751-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP001751-PB;exon=> In CDS Exon 14 and 15 of transcript AGAP001751-PA;exon=> In CDS Exon 14 and 15 of transcript AGAP001751-PE
JHU_Ag_116704	SQHCSTYSNEPLAPQEDFVIK	AGAP001751-PC,AGAP001751-PB,AGAP001751-PA,AGAP001751-PE	C4(Carbamidomethyl)	55	4.51E-05	1	2450.135	2.33	Midgut	2R:+:9397163-9397225;2R:+:9397163-9397225;2R:+:9397163-9397225;2R:+:9397163-9397225	exon=> In CDS Exon 5 of transcript AGAP001751-PC;exon=> In CDS Exon 5 of transcript AGAP001751-PB;exon=> In CDS Exon 15 of transcript AGAP001751-PA;exon=> In CDS Exon 15 of transcript AGAP001751-PE
JHU_Ag_102330	NLISKMLVR	AGAP001752-PA,AGAP001752-PB	-	29	0.005555738	1	1073.637	-11.89	Malpighian tubule	2R:-:9416803-9416943,9416477-9416662;2R:-:9416803-9416943,9416477-9416662;2R:-:9416803-9416943,9416477-9416662	exon=> In CDS Exon 5 and 4 of transcript AGAP001752-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP001752-PB
JHU_Ag_18311	VVICDLDSDAGELTVEELEK	AGAP001753-PA	C4(Carbamidomethyl)	116	3.51E-11	1	2234.072	-1	Head	2R:+:9444856-9444915	exon=> In CDS Exon 2 of transcript AGAP001753-PA

JHU_Ag_41284	HAILGLTK	AGAP001753-PA	-	48	3.48E-05	1	852.532	1.59	Head	2R:+:9445311-9445334	exon=> In CDS Exon 3 of transcript AGAP001753-PA
JHU_Ag_77399	GGGVLVNIGSGVSVTPQLSTPIYTATK	AGAP001753-PA	-	91	2.87E-09	2	2616.422	-0.96	Head	2R:+:9445230-9445310	exon=> In CDS Exon 3 of transcript AGAP001753-PA
JHU_Ag_111516	NAPTGSIWLVTGGKPAK	AGAP001753-PA	-	113	2.88E-11	1	1696.940	1.14	Head	2R:+:9445616-9445666	exon=> In CDS Exon 4 of transcript AGAP001753-PA
JHU_Ag_2658	LHQDVLELEK	AGAP001754-PA	-	31	0.006997874	2	1223.657	-5.34	Head	2R:+:9447950-9447979	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_2877	VQLELK	AGAP001754-PA	Q2(Deamidated)	41	0.001373395	1	730.435	1.01	Larva	2R:+:9450695-9450712	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_7794	ELESAITALR	AGAP001754-PA	-	67	2.81E-06	2	1102.610	-0.26	Ovary	2R:+:9448433-9448462	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_12242	EANEEITQQLNNLIAK	AGAP001754-PA	-	74	4.61E-07	2	1827.946	0.73	Ovary	2R:+:9448865-9448912	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_15241	RANELLAAAHEESIEHAVEK	AGAP001754-PA	-	89	1.71E-08	1	2217.138	5.29	Ovary	2R:+:9448592-9448651	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_21028	IAHQTNTFLTEQNTELSSK	AGAP001754-PA	-	51	0.000133361	1	2162.080	3.51	Ovary	2R:+:9448232-9448288	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_24488	ANELLAAAHEESIEHAVEK	AGAP001754-PA	-	81	1.20E-07	1	2061.031	2.78	Ovary	2R:+:9448595-9448651	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_25128	LLDAEDKLFPLEEK	AGAP001754-PA	-	36	0.002957366	1	1659.887	2.06	Malpighian tubule	2R:+:9451520-9451561	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_28953	ELEQALAESAVEVESLQGQLATAQEHIK	AGAP001754-PA	-	99	1.43E-09	1	3021.551	4.28	Ovary	2R:+:9450395-9450478	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_30673	DQAQEHLK	AGAP001754-PA	-	36	0.002886177	2	968.480	0.04	Malpighian tubule	2R:+:9450920-9450943	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_40476	KFEDFLTAK	AGAP001754-PA	-	37	0.00155882	2	1098.586	2.9	Ovary	2R:+:9447316-9447342	exon=> In CDS Exon 1 of transcript AGAP001754-PA
JHU_Ag_43060	LTDEQLTTGDQNSELHK	AGAP001754-PA	-	51	0.000106837	1	1928.918	-0.8	Malpighian tubule	2R:+:9450644-9450694	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_46135	ENVDTETVTAAK	AGAP001754-PA	-	45	0.00047975	2	1277.628	4.38	Ovary	2R:+:9451370-9451405	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_46155	ELKDLTELYNR	AGAP001754-PA	-	39	0.001636459	1	1393.737	3.16	Pupa	2R:+:9450512-9450544	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_51417	QLGLQQAVAKPTTSAVGAGASDKPVGESPR	AGAP001754-PA	-	47	9.99E-05	1	2920.561	4.31	Malpighian tubule	2R:+:9452567-9452656	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_54935	KLDTYNALTDSNR	AGAP001754-PA	-	41	0.001286508	2	1510.754	3.08	Malpighian tubule	2R:+:9451424-9451462	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_55577	LQLQNILHELEQSAPEISR	AGAP001754-PA	-	35	0.001882668	1	2218.194	5.09	Malpighian tubule	2R:+:9448781-9448837	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_57301	LTQDLDQALR	AGAP001754-PA	-	63	7.13E-06	2	1172.632	4.35	Ovary	2R:+:9448118-9448147	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_61946	TANVKPMAGPSQQQSATVTPR	AGAP001754-PA	M7(Oxidation)	39	0.001616062	3	2185.111	3.56	Malpighian tubule	2R:+:9452657-9452719	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_72201	LESSTNENTTLR	AGAP001754-PA	-	55	5.50E-05	2	1364.670	3.72	Ovary	2R:+:9451583-9451618	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_73150	RTDGFSVGSPHPQVPTAR	AGAP001754-PA	-	81	1.20E-07	1	1908.964	-1.86	Head	2R:+:9455022-9455032,9458056-9458098	exon=> In CDS Exon 4 and 5 of transcript AGAP001754-PA
JHU_Ag_81401	KFEDFLTAK	AGAP001754-PA	-	41	0.000719518	1	1098.581	-1.77	Head	2R:+:9447316-9447342	exon=> In CDS Exon 1 of transcript AGAP001754-PA
JHU_Ag_83575	LTDEQLTTGDQNSELHK	AGAP001754-PA	-	76	3.77E-07	1	1928.926	3.1	Midgut	2R:+:9450644-9450694	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_85229	VQLELK	AGAP001754-PA	Q2(Deamidated)	41	0.000600916	1	730.434	-1.25	Pupa	2R:+:9450695-9450712	exon=> In CDS Exon 2 of transcript AGAP001754-PA

JHU_Ag_87125	IELEDVKQELCK	AGAP001754-PA	C11(Carbamidomethyl)	48	0.000249804	2	1503.774	1.37	Ovary	2R:+:9447788-9447823	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_87784	DVEGDSSTDNAGQQLVSKPAPAK	AGAP001754-PA	-	47	0.000338387	1	2314.128	5.13	Malpighian tubule	2R:+:9453922-9453990	exon=> In CDS Exon 3 of transcript AGAP001754-PA
JHU_Ag_100866	MEVDQESGVLHSILSPEELGAIPEASIK	AGAP001754-PA	N-Term(Acetyl), M1(Oxidation)	101	1.15E-09	1	3036.516	2.57	Ovary	2R:+:9447208-9447291	exon=> In CDS Exon 1 of transcript AGAP001754-PA
JHU_Ag_102778	IRELEQALAESAVEVESLQGQLATAQEHIK	AGAP001754-PA	-	95	1.16E-09	1	3290.747	7.48	Ovary	2R:+:9450389-9450478	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_107150	KNEADAGAADDGVSSEGEHLNK	AGAP001754-PA	-	44	0.000427879	3	2214.005	6.45	Ovary	2R:+:9459030-9459095	exon=> In CDS Exon 6 of transcript AGAP001754-PA
JHU_Ag_109854	LTDEQLTTGDQNSELHK	AGAP001754-PA	-	63	7.76E-06	1	1928.924	2.05	Head	2R:+:9450644-9450694	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_112214	ANELLAAAHEESIEHAVEK	AGAP001754-PA	-	96	4.10E-09	1	2061.022	-1.48	Head	2R:+:9448595-9448651	exon=> In CDS Exon 2 of transcript AGAP001754-PA
JHU_Ag_32692	FLQYLTR	AGAP001756-PA	-	44	0.000197823	2	940.525	-0.55	Midgut	2R:-:9461283-9461263	exon=> In CDS Exon 6 of transcript AGAP001756-PA
JHU_Ag_33689	FLQYLTR	AGAP001756-PA	-	45	0.000182926	2	940.524	-0.87	Malpighian tubule	2R:-:9461283-9461263	exon=> In CDS Exon 6 of transcript AGAP001756-PA
JHU_Ag_110912	FLQYLTR	AGAP001756-PA	-	28	0.008705771	1	940.527	2.24	Ovary	2R:-:9461283-9461263	exon=> In CDS Exon 6 of transcript AGAP001756-PA
JHU_Ag_112933	FLQYLTR	AGAP001756-PA	-	38	0.000820873	2	940.525	-0.49	Male reproductive organs	2R:-:9461283-9461263	exon=> In CDS Exon 6 of transcript AGAP001756-PA
JHU_Ag_5298	AILNPLCQVDYR	AGAP001759-PA	C7(Carbamidomethyl)	48	0.000228182	2	1461.756	2.56	Malpighian tubule	2R:+:9479751-9479786	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_5689	FTWNVWPSSR	AGAP001759-PA	-	50	0.000151286	2	1279.621	-1.06	Salivary gland	2R:+:9479604-9479633	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_6219	TTYEEFIQQNEDRDGIR	AGAP001759-PA	N-Term(Acetyl)	35	0.00459395	1	2155.995	2.79	Malpighian tubule	2R:+:9479553-9479603	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_8270	HYDALALR	AGAP001759-PA	-	45	0.000358402	1	958.510	-0.36	Malpighian tubule	2R:+:9480558-9480581	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_9033	AILNPLCQVDYR	AGAP001759-PA	C7(Carbamidomethyl)	49	0.000190755	2	1461.758	4.4	Head	2R:+:9479751-9479786	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_9757	NASVSDTEIGMGNTVQWK	AGAP001759-PA	M11(Oxidation)	104	4.48E-10	2	1952.900	-1.07	Salivary gland	2R:+:9480858-9480911	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_11763	DPWPVPQGK	AGAP001759-PA	-	54	6.80E-05	1	1023.526	-0.17	Salivary gland	2R:+:9480318-9480344	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_13762	QLLQAPVDDAQDILQTRFPMPR	AGAP001759-PA	M20(Oxidation)	41	0.000725157	1	2568.338	5.51	Malpighian tubule	2R:+:9481617-9481682	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_15701	SQFLQVFNNSPDETTFYR	AGAP001759-PA	-	136	3.52E-13	1	2193.032	3.08	Salivary gland	2R:+:9481329-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_20126	DSLQMSLSLLPANALVGLITFGK	AGAP001759-PA	M5(Oxidation)	67	6.38E-07	1	2404.320	1.84	Malpighian tubule	2R:+:9479994-9480062	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_25844	LVVPLGCLYQPLK	AGAP001759-PA	C7(Carbamidomethyl)	39	0.000573796	2	1499.868	1.65	Malpighian tubule	2R:+:9479649-9479687	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_26324	RSQFLQVFNNSPDETTFYR	AGAP001759-PA	-	46	0.000375931	1	2349.127	0.25	Salivary gland	2R:+:9481326-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_26884	AESDDGPDTLR	AGAP001759-PA	-	35	0.001436138	2	1175.517	-0.46	Midgut	2R:+:9481170-9481202	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_26936	AILNPLCQVDYRAK	AGAP001759-PA	C7(Carbamidomethyl)	37	0.001726916	1	1660.896	7.4	Malpighian tubule	2R:+:9479751-9479792	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_34155	SHHDIQK	AGAP001759-PA	-	45	0.000411357	1	864.432	-0.24	Salivary gland	2R:+:9480504-9480524	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_34983	IMLFVGGPCSQGPGQVVDDELKHPIR	AGAP001759-PA	C9(Carbamidomethyl)	91	7.52E-09	1	2849.461	5.88	Malpighian tubule	2R:+:9480426-9480503	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_35681	NASVSDTEIGMGNTVQWK	AGAP001759-PA	M11(Oxidation)	78	2.48E-07	2	1952.911	4.8	Malpighian tubule	2R:+:9480858-9480911	exon=> In CDS Exon 1 of transcript AGAP001759-PA

JHU_Ag_38164	LAENFSLFPQFMYHLR	AGAP001759-PA	M12(Oxidation)	69	2.13E-06	1	2029.002	0.9	Midgut	2R:+:9481278-9481325	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_38366	DKYQDMPEYENFK	AGAP001759-PA	M6(Oxidation)	64	2.06E-06	2	1722.736	2.4	Salivary gland	2R:+:9481578-9481616	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_42624	LVVPLGCLYQPLK	AGAP001759-PA	C7(Carbamidomethyl)	49	5.52E-05	1	1499.873	4.74	Ovary	2R:+:9479649-9479687	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_44618	FTWNVWPSSR	AGAP001759-PA	-	42	0.001007182	2	1279.621	-0.58	Midgut	2R:+:9479604-9479633	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_46295	AILNPLCQVDYR	AGAP001759-PA	C7(Carbamidomethyl)	52	0.000105567	2	1461.752	-0.11	Male reproductive organs	2R:+:9479751-9479786	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_46438	GPGPQQPGQQQQAMR	AGAP001759-PA	M14(Oxidation)	58	2.57E-05	1	1623.771	3.29	Malpighian tubule	2R:+:9480174-9480218	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_46792	SQFLQVFNNSPDETTFYR	AGAP001759-PA	-	74	5.47E-07	1	2193.022	-1.49	Male reproductive organs	2R:+:9481329-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_48772	LAENFSLFPQFMYHLR	AGAP001759-PA	M12(Oxidation)	36	0.003745569	1	2029.003	1.44	Head	2R:+:9481278-9481325	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_53221	AESDDGPDTLR	AGAP001759-PA	-	65	1.54E-06	2	1175.525	6.09	Salivary gland	2R:+:9481170-9481202	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_53876	AESDDGPDTLR	AGAP001759-PA	-	40	0.000556257	2	1175.521	3.18	Malpighian tubule	2R:+:9481170-9481202	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_55546	ERPDLPPILYDPVVCTR	AGAP001759-PA	C15(Carbamidomethyl)	88	1.50E-08	1	2040.064	2.61	Malpighian tubule	2R:+:9479688-9479738	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_55795	LVVPLGCLYQPLK	AGAP001759-PA	C7(Carbamidomethyl)	46	0.000123526	2	1499.865	-0.06	Midgut	2R:+:9479649-9479687	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_56161	TTYEEFIQQNEDR	AGAP001759-PA	N-Term(Acetyl)	47	0.000205365	2	1714.760	2.64	Midgut	2R:+:9479553-9479591	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_56911	LAENFSLFPQFMYHLR	AGAP001759-PA	M12(Oxidation)	47	0.000358755	1	2029.005	2.43	Malpighian tubule	2R:+:9481278-9481325	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_57635	ERPDLPPILYDPVVCTR	AGAP001759-PA	C15(Carbamidomethyl)	77	1.80E-07	1	2040.067	4.14	Head	2R:+:9479688-9479738	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_61681	GPGPQQPGQQQQAMR	AGAP001759-PA	M14(Oxidation)	40	0.001554738	1	1623.775	5.7	Male reproductive organs	2R:+:9480174-9480218	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_62280	ERPDLPPILYDPVVCTR	AGAP001759-PA	C15(Carbamidomethyl)	120	1.10E-11	1	2040.060	0.73	Salivary gland	2R:+:9479688-9479738	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_63484	SQFLQVFNNSPDETTFYR	AGAP001759-PA	-	110	1.44E-10	1	2193.031	2.86	Ovary	2R:+:9481329-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_63731	TATNGHCIDIYSCALDQTGLMEMK	AGAP001759-PA	N4(Deamidated), C7(Carbamidomethyl), C13(Carbamidomethyl), M21(Oxidation), M23(Oxidation)	40	0.000532112	1	2762.176	-0.56	Salivary gland	2R:+:9480582-9480653	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_67133	FGEYGKDDANSFR	AGAP001759-PA	-	77	1.81E-07	1	1505.669	2	Malpighian tubule	2R:+:9481239-9481277	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_69527	MVQVHELGTEGCSK	AGAP001759-PA	M1(Oxidation), C12(Carbamidomethyl)	49	0.000121371	1	1590.721	-2.37	Salivary gland	2R:+:9480063-9480104	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_69780	FGEYGKDDANSFR	AGAP001759-PA	-	87	1.49E-08	1	1505.661	-2.78	Salivary gland	2R:+:9481239-9481277	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_70842	ERPDLPPILYDPVVCTR	AGAP001759-PA	C15(Carbamidomethyl)	87	1.83E-08	1	2040.068	4.86	Midgut	2R:+:9479688-9479738	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_72209	QIQDMLGIGRGPGPQQPGQQQQAMR	AGAP001759-PA	M5(Oxidation), M24(Oxidation)	47	0.000304883	3	2751.357	5.51	Malpighian tubule	2R:+:9480144-9480218	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_73826	GCLQFITQYQHSSGQR	AGAP001759-PA	C2(Carbamidomethyl)	55	5.27E-05	1	1909.904	3.59	Head	2R:+:9480999-9481046	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_74335	MAFNGTLEIK	AGAP001759-PA	M1(Oxidation)	45	0.000407686	2	1139.577	0.43	Salivary gland	2R:+:9480768-9480797	exon=> In CDS Exon 1 of transcript AGAP001759-PA

JHU_Ag_74650	SQFLQVFNNSPDETTFYR	AGAP001759-PA	-	99	1.88E-09	1	2193.023	-0.71	Midgut	2R:+:9481329-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_75417	LWVCNFCFQR	AGAP001759-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	84	4.72E-08	1	1429.658	5.21	Salivary gland	2R:+:9479793-9479822	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_75678	ERPDLPPILYDPVVCTR	AGAP001759-PA	C15(Carbamidomethyl)	95	3.06E-09	1	2040.060	1	Male reproductive organs	2R:+:9479688-9479738	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_76353	FTWNVWPSSR	AGAP001759-PA	-	42	0.001018845	2	1279.623	0.76	Ovary	2R:+:9479604-9479633	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_80309	QLLQAPVDDAQDILQTR	AGAP001759-PA	-	108	1.46E-10	1	1924.019	2.7	Head	2R:+:9481617-9481667	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_80335	FGEYGKDDANSFR	AGAP001759-PA	-	87	1.49E-08	1	1505.668	1.27	Ovary	2R:+:9481239-9481277	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_81399	GCLQFITQYQHSSGQRR	AGAP001759-PA	C2(Carbamidomethyl)	60	1.55E-05	1	2066.009	4.9	Malpighian tubule	2R:+:9480999-9481049	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_81630	QLLQAPVDDAQDILQTR	AGAP001759-PA	-	97	1.95E-09	2	1924.011	-1.17	Midgut	2R:+:9481617-9481667	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_82829	SHHDIQKDNAK	AGAP001759-PA	-	53	7.67E-05	2	1292.638	3.28	Ovary	2R:+:9480504-9480536	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_83379	QLLQAPVDDAQDILQTR	AGAP001759-PA	-	65	2.71E-06	2	1924.018	2.07	Pupa	2R:+:9481617-9481667	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_84984	QLLQAPVDDAQDILQTR	AGAP001759-PA	-	102	5.46E-10	2	1924.019	2.83	Visceras	2R:+:9481617-9481667	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_85416	YIDTEQGGSQAR	AGAP001759-PA	-	102	9.02E-10	2	1324.618	3.97	Salivary gland	2R:+:9481683-9481718	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_86452	SQFLQVFNNSPDETTFYR	AGAP001759-PA	-	80	1.30E-07	2	2193.031	2.63	Pupa	2R:+:9481329-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_88224	LAENFSLFPQFMYHLRR	AGAP001759-PA	-	80	1.11E-07	1	2169.117	5	Malpighian tubule	2R:+:9481278-9481328	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_89771	HYDALALR	AGAP001759-PA	-	42	0.001014875	2	958.508	-2.97	Head	2R:+:9480558-9480581	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_89961	TTYEEFIQQNEDR	AGAP001759-PA	N-Term(Acetyl)	61	7.62E-06	2	1714.767	6.69	Malpighian tubule	2R:+:9479553-9479591	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_91521	AIKHYDALALR	AGAP001759-PA	-	80	8.53E-08	1	1270.730	2.58	Malpighian tubule	2R:+:9480549-9480581	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_93690	AILNPLCQVDYR	AGAP001759-PA	C7(Carbamidomethyl)	64	6.91E-06	1	1461.754	1.23	Ovary	2R:+:9479751-9479786	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_94290	GPGPQQPGQQQQAMR	AGAP001759-PA	M14(Oxidation)	60	1.46E-05	1	1623.770	2.54	Salivary gland	2R:+:9480174-9480218	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_95873	YIDTEQGGSQAR	AGAP001759-PA	-	64	4.97E-06	2	1324.614	0.65	Ovary	2R:+:9481683-9481718	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_96382	LVVPLGCLYQPLK	AGAP001759-PA	C7(Carbamidomethyl)	101	3.24E-10	1	1499.872	4.33	Salivary gland	2R:+:9479649-9479687	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_96528	QLLQAPVDDAQDILQTR	AGAP001759-PA	-	136	2.13E-13	1	1924.017	1.56	Salivary gland	2R:+:9481617-9481667	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_99102	GAAAPPAPPANR	AGAP001759-PA	-	46	0.000397922	1	1089.580	0.08	Head	2R:+:9480219-9480254	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_100000	LWVCNFCFQR	AGAP001759-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	55	3.82E-05	2	1429.653	1.54	Head	2R:+:9479793-9479822	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_102154	IEGGIGSCVSLNVK	AGAP001759-PA	C8(Carbamidomethyl)	80	1.89E-07	2	1432.748	1.36	Salivary gland	2R:+:9480816-9480857	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_102990	QLLQAPVDDAQDILQTR	AGAP001759-PA	-	120	8.45E-12	1	1924.015	0.55	Malpighian tubule	2R:+:9481617-9481667	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_103182	HYDALALR	AGAP001759-PA	-	44	0.000471379	1	958.511	0.03	Salivary gland	2R:+:9480558-9480581	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_103782	LAENFSLFPQFMYHLR	AGAP001759-PA	M12(Oxidation)	88	2.52E-08	1	2013.006	0.5	Salivary gland	2R:+:9481278-9481325	exon=> In CDS Exon 1 of transcript AGAP001759-PA

JHU_Ag_103988	QCCNSTGGHMVMGDSFNSSLFK	AGAP001759-PA	C2(Carbamidomethyl), C3(Carbamidomethyl), M10(Oxidation), M12(Oxidation)	58	2.82E-06	1	2496.006	0.34	Salivary gland	2R:+:9480654-9480719	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_104490	LVVPLGCLYQPLK	AGAP001759-PA	C7(Carbamidomethyl)	59	5.87E-06	2	1499.867	1.24	Male reproductive organs	2R:+:9479649-9479687	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_104901	YIDTEQGGSQAR	AGAP001759-PA	-	90	1.35E-08	2	1324.614	0.74	Pupa	2R:+:9481683-9481718	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_105146	YIDTEQGGSQAR	AGAP001759-PA	-	107	3.02E-10	1	1324.615	1.3	Malpighian tubule	2R:+:9481683-9481718	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_106405	GCLQFITQYQHSSGQR	AGAP001759-PA	C2(Carbamidomethyl)	58	2.51E-05	1	1909.900	1.1	Malpighian tubule	2R:+:9480999-9481046	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_107291	TTYEEFIQQNEDR	AGAP001759-PA	N-Term(Acetyl)	61	9.06E-06	2	1714.767	6.55	Head	2R:+:9479553-9479591	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_107690	TTYEEFIQQNEDR	AGAP001759-PA	N-Term(Acetyl)	83	4.75E-08	1	1714.753	-1.49	Salivary gland	2R:+:9479553-9479591	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_108231	IMLFVGGPCSQGPGQVVDDELKHPIR	AGAP001759-PA	C9(Carbamidomethyl),"M2(Oxidation), C9(Carbamidomethyl)"	79	1.55E-07	1	2865.440	0.55	Salivary gland	2R:+:9480426-9480503	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_108742	GAAAPPAPPANR	AGAP001759-PA	-	39	0.002031827	1	1089.581	0.97	Malpighian tubule	2R:+:9480219-9480254	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_109084	NPFPPQYAAISEQHQPAELIAGFSTIEYTITR	AGAP001759-PA	-	95	2.55E-09	1	3589.811	4.06	Salivary gland	2R:+:9479823-9479918	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_110925	LCTMTPNTTMAFFFEVANQHAAPIPQGGR	AGAP001759-PA	C2(Carbamidomethyl), M4(Oxidation), M10(Oxidation)	78	1.80E-07	1	3239.510	0.85	Salivary gland	2R:+:9480912-9480998	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_111451	SQFLQVFNNSPDETTFYR	AGAP001759-PA	-	105	4.91E-10	1	2193.028	1.41	Head	2R:+:9481329-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_111524	SQFLQVFNNSPDETTFYR	AGAP001759-PA	-	76	3.29E-07	2	2193.030	2.3	Malpighian tubule	2R:+:9481329-9481382	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_112941	AILNPLCQVDYR	AGAP001759-PA	C7(Carbamidomethyl)	86	3.71E-08	1	1461.760	5.57	Salivary gland	2R:+:9479751-9479786	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_113522	GCLQFITQYQHSSGQR	AGAP001759-PA	C2(Carbamidomethyl)	95	5.30E-09	1	1909.898	0.44	Salivary gland	2R:+:9480999-9481046	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_114205	AILNPLCQVDYR	AGAP001759-PA	C7(Carbamidomethyl)	56	4.48E-05	2	1461.753	0.98	Midgut	2R:+:9479751-9479786	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_116697	FTWNVWPSSR	AGAP001759-PA	-	41	0.001222105	1	1279.616	-4.87	Male reproductive organs	2R:+:9479604-9479633	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_117354	GAAAPPAPPANRFLQPLHK	AGAP001759-PA	-	34	0.001594399	1	1953.089	3.43	Malpighian tubule	2R:+:9480219-9480275	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_117650	QIQDMLGIGR	AGAP001759-PA	M5(Oxidation)	70	1.64E-06	2	1146.593	-0.39	Salivary gland	2R:+:9480144-9480173	exon=> In CDS Exon 1 of transcript AGAP001759-PA
JHU_Ag_73968	FLLSK	AGAP001759-PA,AGAP007690-PA,AGAP001534-PA	-	31	0.00191223	1	607.382	1.62	Malpighian tubule	2R:+:9481719-9481733;2L:+:49079271-49079285;2R:-:5938450-5938436	exon=> In CDS Exon 1 of transcript AGAP001759-PA;exon=> In CDS Exon 3 of transcript AGAP007690-PA;exon=> In CDS Exon 2 of transcript AGAP001534-PA
JHU_Ag_7	VLAHFRPIKPNK	AGAP001760-PA	-	45	2.79E-05	1	1419.863	3.57	Midgut	2R:-:9484061-9484026	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_842	TIVEADTVGVGK	AGAP001760-PA	-	70	1.42E-06	2	1188.649	1.36	Salivary gland	2R:-:9483863-9483828	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_9550	ISFDDFCR	AGAP001760-PA	C7(Carbamidomethyl)	54	1.35E-05	2	1059.454	-2.29	Midgut	2R:-:9483827-9483804	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_14596	FTSLDRNDCGTLSR	AGAP001760-PA	C9(Carbamidomethyl)	94	5.53E-09	1	1641.766	0.88	Malpighian tubule	2R:-:9484217-9484176	exon=> In CDS Exon 2 of transcript AGAP001760-PA

JHU_Ag_15650	VLAHFRPIKPNK	AGAP001760-PA	-	40	9.23E-05	2	1419.860	1.25	Head	2R:-:9484061-9484026	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_25608	IPELAINPLCER	AGAP001760-PA	C10(Carbamidomethyl)	64	4.75E-06	1	1424.758	1.08	Head	2R:-:9484160-9484125	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_28595	VLAHFRPIKPNKENR	AGAP001760-PA	-	76	5.62E-08	1	1819.045	-0.04	Malpighian tubule	2R:-:9484061-9484017	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_30145	EDFLRIPELAINPLCER	AGAP001760-PA	C15(Carbamidomethyl)	81	8.66E-08	1	2085.093	6.11	Midgut	2R:-:9484175-9484125	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_33355	TIVEADTVGVGK	AGAP001760-PA	-	88	2.38E-08	2	1188.645	-1.51	Midgut	2R:-:9483863-9483828	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_34290	EDFLRIPELAINPLCER	AGAP001760-PA	C15(Carbamidomethyl)	108	1.79E-10	1	2085.089	4.2	Malpighian tubule	2R:-:9484175-9484125	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_36891	IVHSFFADSNDDR	AGAP001760-PA	-	79	1.24E-07	1	1522.694	1.06	Midgut	2R:-:9484124-9484086	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_37377	SSLLLREEEIAQIHEETGFTPNQIER	AGAP001760-PA	-	94	3.59E-09	1	3039.560	7.17	Malpighian tubule	2R:-:9484982-9484994,9483750-9484230	exon=> In CDS Exon 2 and 1 of transcript AGAP001760-PA
JHU_Ag_40964	SSLLLREEEIAQIHEETGFTPNQIER	AGAP001760-PA	-	125	3.85E-12	1	3039.540	0.66	Midgut	2R:-:9484982-9484994,9483750-9484230	exon=> In CDS Exon 2 and 1 of transcript AGAP001760-PA
JHU_Ag_43287	ISFDDFCR	AGAP001760-PA	C7(Carbamidomethyl)	53	1.81E-05	1	1059.456	-0.56	Salivary gland	2R:-:9483827-9483804	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_47567	ISFDDFCR	AGAP001760-PA	C7(Carbamidomethyl)	50	4.25E-05	2	1059.460	3.7	Malpighian tubule	2R:-:9483827-9483804	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_48906	VLAHFRPIKPNK	AGAP001760-PA	-	54	3.08E-06	1	1419.864	3.74	Malpighian tubule	2R:-:9484061-9484026	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_54498	IPELAINPLCER	AGAP001760-PA	C10(Carbamidomethyl)	82	7.00E-08	1	1424.761	3.05	Malpighian tubule	2R:-:9484160-9484125	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_58335	IPELAINPLCER	AGAP001760-PA	C10(Carbamidomethyl)	84	4.50E-08	1	1424.759	1.51	Salivary gland	2R:-:9484160-9484125	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_58612	EEEIAQIHEETGFTPNQIER	AGAP001760-PA	-	115	4.36E-11	1	2370.129	3.5	Midgut	2R:-:9484964-9484994,9483750-9484230	exon=> In CDS Exon 2 and 1 of transcript AGAP001760-PA
JHU_Ag_65853	IVHSFFADSNDDRVNFR	AGAP001760-PA	-	86	4.09E-08	1	2038.980	3.27	Malpighian tubule	2R:-:9484124-9484074	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_75313	TIVEADTVGVGK	AGAP001760-PA	-	66	3.45E-06	2	1188.648	1.05	Visceras	2R:-:9483863-9483828	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_82122	EEEIAQIHEETGFTPNQIER	AGAP001760-PA	-	114	5.52E-11	1	2370.120	-0.21	Malpighian tubule	2R:-:9484964-9484994,9483750-9484230	exon=> In CDS Exon 2 and 1 of transcript AGAP001760-PA
JHU_Ag_83388	EEEIAQIHEETGFTPNQIER	AGAP001760-PA	-	116	3.20E-11	1	2370.123	0.97	Salivary gland	2R:-:9484964-9484994,9483750-9484230	exon=> In CDS Exon 2 and 1 of transcript AGAP001760-PA
JHU_Ag_84108	VLAHFRPIKPNKENR	AGAP001760-PA	-	25	0.00832799	1	1819.041	-2.26	Midgut	2R:-:9484061-9484017	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_95447	FTSLDRNDCGTLSR	AGAP001760-PA	C9(Carbamidomethyl)	60	1.12E-05	1	1641.764	-0.79	Midgut	2R:-:9484217-9484176	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_95526	IPELAINPLCER	AGAP001760-PA	C10(Carbamidomethyl)	69	1.29E-06	2	1424.761	2.97	Visceras	2R:-:9484160-9484125	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_99010	IVHSFFADSNDDRVNFR	AGAP001760-PA	-	93	8.94E-09	1	2038.986	6.5	Midgut	2R:-:9484124-9484074	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_99549	TIVEADTVGVGK	AGAP001760-PA	-	84	5.52E-08	1	1188.649	1.46	Malpighian tubule	2R:-:9483863-9483828	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_100877	IPELAINPLCER	AGAP001760-PA	C10(Carbamidomethyl)	76	3.02E-07	1	1424.755	-1.49	Midgut	2R:-:9484160-9484125	exon=> In CDS Exon 2 of transcript AGAP001760-PA

JHU_Ag_110482	IVHSFFADSNDDRVNFR	AGAP001760-PA	-	67	3.10E-06	1	2038.975	0.89	Salivary gland	2R:-:9484124-9484074	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_114283	TIVEADTVGVGKISFDDFCR	AGAP001760-PA	C19(Carbamidomethyl)	39	0.001867586	3	2229.096	4.82	Malpighian tubule	2R:-:9483863-9483804	exon=> In CDS Exon 2 of transcript AGAP001760-PA
JHU_Ag_69664	VLEAAYNVNAR	AGAP001761-PA	-	57	3.32E-05	2	1219.642	-0.62	Midgut	2R:-:9504694-9504662	exon=> In CDS Exon 2 of transcript AGAP001761-PA
JHU_Ag_82940	AVSDTFWSTR	AGAP001761-PA	-	50	9.96E-05	2	1169.555	-3	Male reproductive organs	2R:-:9511276-9511247	exon=> In CDS Exon 1 of transcript AGAP001761-PA
JHU_Ag_93380	VLEAAYNVNAR	AGAP001761-PA	-	54	6.13E-05	2	1219.644	0.98	Male reproductive organs	2R:-:9504694-9504662	exon=> In CDS Exon 2 of transcript AGAP001761-PA
JHU_Ag_3647	DSESETPLISPDDGGGAR	AGAP001762-PA	-	82	6.42E-08	2	1802.808	2.44	Head	2R:+:9491580-9491633	exon=> In CDS Exon 10 of transcript AGAP001762-PA
JHU_Ag_66865	WNHIEDLDSFFTR	AGAP001762-PA	-	79	2.25E-07	1	1679.790	5.44	Midgut	2R:+:9488530-9488568	exon=> In CDS Exon 2 of transcript AGAP001762-PA
JHU_Ag_115982	IEDADLDNLTWHEVQK	AGAP001762-PA	-	70	1.62E-06	1	1925.923	-0.78	Midgut	2R:+:9488989-9488997,9489062-9489100	exon=> In CDS Exon 3 and 4 of transcript AGAP001762-PA
JHU_Ag_116679	SPTIEEEDTPQVIHVVPETSK	AGAP001762-PA	-	69	1.92E-06	1	2335.177	4.66	Malpighian tubule	2R:+:9488384-9488446	exon=> In CDS Exon 1 of transcript AGAP001762-PA
JHU_Ag_117801	RSPTIEEEDTPQVIHVVPETSK	AGAP001762-PA	-	97	2.30E-09	1	2491.260	-3.07	Head	2R:+:9488381-9488446	exon=> In CDS Exon 1 of transcript AGAP001762-PA
JHU_Ag_23343	LIFGNGLRPQIWPQFVER	AGAP001763-PA	N5(Deamidated)	30	0.006185 74	1	2171.180	1.8	Pupa	2R:+:9527945-9527998	exon=> In CDS Exon 5 of transcript AGAP001763-PA
JHU_Ag_37375	LGVIVPLINHNLR	AGAP001763-PA	-	33	0.000310564	1	1457.896	0.69	Head	2R:+:9526465-9526503	exon=> In CDS Exon 3 of transcript AGAP001763-PA
JHU_Ag_40740	DTVVYGVEVPNLEGR	AGAP001763-PA	-	65	5.91E-06	2	1646.843	2.55	Head	2R:+:9528572-9528616	exon=> In CDS Exon 6 of transcript AGAP001763-PA
JHU_Ag_41061	IIPVVYPISIIR	AGAP001763-PA	-	18	0.003880968	2	1382.883	4.56	Visceras	2R:+:9528194-9528229	exon=> In CDS Exon 6 of transcript AGAP001763-PA
JHU_Ag_46814	ADPATGYSEPLR	AGAP001763-PA	-	61	1.13E-05	2	1276.614	-1.91	Pupa	2R:+:9528230-9528265	exon=> In CDS Exon 6 of transcript AGAP001763-PA
JHU_Ag_63636	LGVIVPLINHNLR	AGAP001763-PA	-	40	6.24E-05	1	1457.897	1.11	Pupa	2R:+:9526465-9526503	exon=> In CDS Exon 3 of transcript AGAP001763-PA
JHU_Ag_65536	GQYELLTPAIYEQIVR	AGAP001763-PA	-	53	4.45E-05	1	1893.021	4.94	Malpighian tubule	2R:+:9528839-9528886	exon=> In CDS Exon 6 of transcript AGAP001763-PA
JHU_Ag_67725	LANVFHSHGYK	AGAP001763-PA	-	41	0.001158 51	1	1272.648	-0.13	Pupa	2R:+:9526360-9526392	exon=> In CDS Exon 3 of transcript AGAP001763-PA
JHU_Ag_81010	HGDVVGLLQENRPEFVATWLGLSK	AGAP001763-PA	-	43	0.000302269	1	2665.421	4.16	Malpighian tubule	2R:+:9526393-9526464	exon=> In CDS Exon 3 of transcript AGAP001763-PA
JHU_Ag_97772	IIPVVYPISIIR	AGAP001763-PA	-	39	6.65E-05	1	1382.881	3.15	Pupa	2R:+:9528194-9528229	exon=> In CDS Exon 6 of transcript AGAP001763-PA
JHU_Ag_100825	LANVFHSHGYK	AGAP001763-PA	-	45	0.000532338	2	1272.651	2.17	Head	2R:+:9526360-9526392	exon=> In CDS Exon 3 of transcript AGAP001763-PA
JHU_Ag_109863	ACLIFEGR	AGAP001763-PA	C2(Carbamidomethyl)	43	0.000600166	2	965.488	0.93	Salivary gland	2R:+:9526013-9526036	exon=> In CDS Exon 2 of transcript AGAP001763-PA
JHU_Ag_104898	AQNGR	AGAP001764-PA	Q2(Deamidated)	35	0.003033654	1	546.263	-0.81	Visceras	2R:+:9530605-9530619	exon=> In CDS Exon 2 of transcript AGAP001764-PA
JHU_Ag_11375	TSWSIQNMTLETQVSR	AGAP001765-PA	-	31	0.012640396	1	1880.919	0.8	Midgut	2R:-:9534947-9534900	exon=> In CDS Exon 1 of transcript AGAP001765-PA
JHU_Ag_12040	EVVFDHLHATAFQGTALGK	AGAP001767-PA	-	59	1.45E-05	1	2041.051	0.55	Male reproductive organs	2R:+:9602937-9602993	exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_41044	IVLAAAGGVDHKELVQLAK	AGAP001767-PA	-	55	3.06E-06	1	1932.137	5.02	Male reproductive organs	2R:+:9603081-9603137	exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_41429	TALANLPSTQVTQLDNGLR	AGAP001767-PA	N16(Deamidated)	128	1.38E-12	1	2012.076	-0.36	Male reproductive organs	2R:+:9602514-9602570	exon=> In CDS Exon 1 of transcript AGAP001767-PA

JHU_Ag_68108	TELKHYIDTQYK	AGAP001767-PA	-	38	0.002296227	1	1538.782	-1.98	Male reproductive organs	2R:+:9603036-9603071	exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_81662	LCTIVTEGEIER	AGAP001767-PA	C2(Carbamidomethyl)	73	9.97E-07	2	1419.716	0.61	Male reproductive organs	2R:+:9603528-9603563	exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_99567	IVLAAAGGVDHK	AGAP001767-PA	-	76	1.43E-07	1	1150.658	0.37	Male reproductive organs	2R:+:9603081-9603116	exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_117153	AVEILSDIVQNPTLGEEEIVR	AGAP001767-PA	-	113	3.71E-11	1	2324.238	1.3	Male reproductive organs	2R:+:9602823-9602885	exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_40256	FTGSEVR	AGAP001767-PA,AGAP000935-PA	-	35	0.005420194	2	795.400	0.16	Head	2R:+:9603201-9603221;X:+:1767 0413-17670433	exon=> In CDS Exon 1 of transcript AGAP001767-PA;exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_61625	EQTVFYAK	AGAP001767-PA,AGAP000935-PA	-	38	0.001565484	2	985.499	-0.31	Midgut	2R:+:9602775-9602798;X:+:1766 9987-17670010	exon=> In CDS Exon 1 of transcript AGAP001767-PA;exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_78627	EQTVFYAK	AGAP001767-PA,AGAP000935-PA	-	37	0.001951804	1	985.499	0.07	Head	2R:+:9602775-9602798;X:+:1766 9987-17670010	exon=> In CDS Exon 1 of transcript AGAP001767-PA;exon=> In CDS Exon 2 of transcript AGAP000935-PA
JHU_Ag_38953	CPAVAAVGPVENLPDYMR	AGAP001767-PA,AGAP005558-PA	C1(Carbamidomethyl), M17(Oxidation),C1(Carbamidomethyl)	135	6.57E-13	1	1974.941	0.08	Visceras	2R:+:9603750-9603803;2L:+:1703 2011-17032064	exon=> In CDS Exon 1 of transcript AGAP001767-PA;exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_65285	CPAVAAVGPVENLPDYMR	AGAP001767-PA,AGAP005558-PA	C1(Carbamidomethyl), M17(Oxidation)	82	1.27E-07	1	1974.942	0.45	Ovary	2R:+:9603750-9603803;2L:+:1703 2011-17032064	exon=> In CDS Exon 1 of transcript AGAP001767-PA;exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_72275	CPAVAAVGPVENLPDYMR	AGAP001767-PA,AGAP005558-PA	C1(Carbamidomethyl)	72	1.23E-06	1	1958.953	3.53	Malpighian tubule	2R:+:9603750-9603803;2L:+:1703 2011-17032064	exon=> In CDS Exon 1 of transcript AGAP001767-PA;exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_5287	AWIEEHPNEEPK	AGAP001768-PA	-	48	0.000237311	1	1478.694	1.72	Larva	2R:-:9688065-9688338,9687827-9687962	exon=> In CDS Exon 2 and 1 of transcript AGAP001768-PA
JHU_Ag_90223	KLPPK	AGAP001768-PA,AGAP007650-PA,AGAP001633-PA,AGAP013328-PA	-	27	0.002020192	1	582.397	-1.03	Head	2R:-:9687898-9687884;2L:-:48751655-48751641;2R:-:7166766-7169426,7166415-7166686;2R:+:9726567-9726581	exon=> In CDS Exon 2 of transcript AGAP001768-PA;exon=> In CDS Exon 2 of transcript AGAP007650-PA;exon=> In CDS Exon 19 and 18 of transcript AGAP001633-PA;exon=> In CDS Exon 1 of transcript AGAP013328-PA
JHU_Ag_1266	ALNAGWPAEGRIEFR	AGAP001775-PA	-	38	0.002243043	1	1686.879	4.36	Malpighian tubule	2R:-:10156811-10156767	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_2218	LQQDGQGAPDELPPVTLSNLNIDFRK	AGAP001775-PA	-	85	2.99E-08	1	2865.487	4.4	Malpighian tubule	2R:-:10158880-10158803	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_3413	VLELQDLFRPLDVDR	AGAP001775-PA	-	84	2.84E-08	1	1827.999	1.61	Salivary gland	2R:-:10164672-10164628	exon=> In CDS Exon 1 of transcript AGAP001775-PA
JHU_Ag_3639	FLEFEER	AGAP001775-PA	-	34	0.004118353	2	969.469	1.73	Malpighian tubule	2R:-:10159114-10159094	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_4435	SPVFSHLSASLAGLPTIR	AGAP001775-PA	-	70	3.73E-07	2	1853.043	8.28	Malpighian tubule	2R:-:10157207-10157154	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_5777	FAYVSQEPWVFSGTVR	AGAP001775-PA	-	109	1.92E-10	1	1872.936	4.52	Malpighian tubule	2R:-:10158691-10158644	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_7102	RADVYLLDDPLSAVDAHVGR	AGAP001775-PA	-	107	1.82E-10	1	2182.138	5.76	Malpighian tubule	2R:-:10158460-10158401	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_10621	FLEFEER	AGAP001775-PA	-	43	0.000410957	2	969.467	-0.73	Midgut	2R:-:10159114-10159094	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_15527	LIESETQLPPTIAVSLKGVTAR	AGAP001775-PA	-	50	2.20E-05	1	2323.335	5.13	Malpighian tubule	2R:-:10159012-10158947	exon=> In CDS Exon 3 of transcript AGAP001775-PA

JHU_Ag_16425	GLLIGVIGPVGSGK	AGAP001775-PA	-	51	1.15E-05	2	1266.782	3.21	Salivary gland	2R:-:10158802-10158761	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_16805	ACALVTDFEQLPDGDRTMIGER	AGAP001775-PA	C2(Carbamidomethyl), M18(Oxidation),C2(Carbamidomethyl)	106	3.08E-10	1	2510.181	6.51	Malpighian tubule	2R:-:10158586-10158521	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_23585	SSLLQAILR	AGAP001775-PA	-	72	2.80E-07	2	1000.616	0.83	Malpighian tubule	2R:-:10158760-10158734	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_25702	AFGAQGELIR	AGAP001775-PA	-	36	0.003888308	2	1061.574	0.48	Malpighian tubule	2R:-:10157153-10157124	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_28378	LLAEFGLNGDATEKQR	AGAP001775-PA	-	84	4.21E-08	1	1761.930	9.73	Malpighian tubule	2R:-:10159060-10159013	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_35336	SSLLQAILR	AGAP001775-PA	-	56	1.06E-05	2	1000.616	0.77	Head	2R:-:10158760-10158734	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_40614	ILVLDEATANVDPNTDRLIQETIR	AGAP001775-PA	-	99	6.77E-10	1	2709.454	4.3	Malpighian tubule	2R:-:10156313-10157605,10155931-10156177	exon=> In CDS Exon 6 and 5 of transcript AGAP001775-PA
JHU_Ag_40756	FAYVSQEPWVFSGTVR	AGAP001775-PA	-	60	1.54E-05	1	1872.934	3.41	Visceras	2R:-:10158691-10158644	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_42053	LDGIDTADITLEQLR	AGAP001775-PA	-	74	4.93E-07	2	1672.879	2.41	Midgut	2R:-:10156601-10156557	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_42292	DLAADAPVQSNMEGTSR	AGAP001775-PA	M12(Oxidation)	131	8.27E-13	1	1777.804	1.14	Head	2R:-:10158046-10157996	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_43405	FLEFEERETEALPDGK	AGAP001775-PA	-	100	1.64E-09	1	1909.928	5.52	Malpighian tubule	2R:-:10159114-10159067	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_48692	LLEYRDLAPER	AGAP001775-PA	-	36	0.003017994	1	1374.743	3.97	Malpighian tubule	2R:-:10156862-10156830	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_49639	VSIIPQDPVLFSGTLR	AGAP001775-PA	-	82	2.46E-08	1	1741.988	2.04	Malpighian tubule	2R:-:10156550-10156503	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_54752	VSIIPQDPVLFSGTLRR	AGAP001775-PA	-	48	3.57E-05	1	1898.094	4.35	Malpighian tubule	2R:-:10156550-10156500	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_56016	LMDEIISGIQVIK	AGAP001775-PA	-	99	1.00E-09	2	1458.823	-0.79	Midgut	2R:-:10159456-10159418	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_64362	ELPLESGSVVAQGR	AGAP001775-PA	-	63	4.86E-06	2	1441.772	5.22	Malpighian tubule	2R:-:10158733-10158692	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_65154	LDGIDTADITLEQLR	AGAP001775-PA	-	77	2.82E-07	1	1672.877	1.09	Malpighian tubule	2R:-:10156601-10156557	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_66444	FAYVSQEPWVFSGTVR	AGAP001775-PA	-	83	7.05E-08	1	1872.934	3.02	Head	2R:-:10158691-10158644	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_76238	AFGAQGELIR	AGAP001775-PA	-	39	0.002092959	2	1061.573	-0.56	Midgut	2R:-:10157153-10157124	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_78001	SSLLQAILR	AGAP001775-PA	-	54	1.59E-05	2	1000.616	0.52	Salivary gland	2R:-:10158760-10158734	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_82445	ILVLDEATANVDPNTDR	AGAP001775-PA	-	66	3.48E-06	1	1855.932	-4.25	Midgut	2R:-:10156313-10157605,10155931-10156198	exon=> In CDS Exon 6 and 5 of transcript AGAP001775-PA
JHU_Ag_86881	VSIIPQDPVLFSGTLR	AGAP001775-PA	-	32	0.0026549	1	1741.988	1.83	Visceras	2R:-:10156550-10156503	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_92298	VLELQDLFRPLDVDR	AGAP001775-PA	-	40	0.000609415	1	1828.012	8.26	Midgut	2R:-:10164672-10164628	exon=> In CDS Exon 1 of transcript AGAP001775-PA
JHU_Ag_94558	LMDEIISGIQVIK	AGAP001775-PA	-	66	1.62E-06	2	1458.828	2.97	Malpighian tubule	2R:-:10159456-10159418	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_95648	GLLIGVIGPVGSGK	AGAP001775-PA	-	85	4.55E-09	1	1266.780	1.77	Malpighian tubule	2R:-:10158802-10158761	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_99785	DMVLATGPAESER	AGAP001775-PA	M2(Oxidation)	75	3.74E-07	1	1391.650	1.97	Head	2R:-:10156026-10155988	exon=> In CDS Exon 6 of transcript AGAP001775-PA

JHU_Ag_101125	YFEGAQAVLR	AGAP001775-PA	-	75	4.34E-07	1	1153.601	1.11	Malpighian tubule	2R:-:10156751-10156722	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_103938	VQAQGTPHDLVQSGIDFVELVER	AGAP001775-PA	-	55	2.48E-05	3	2537.315	6.22	Malpighian tubule	2R:-:10158271-10158203	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_104095	VSIIPQDPVLFSGTLR	AGAP001775-PA	-	65	1.40E-06	2	1741.984	-0.28	Midgut	2R:-:10156550-10156503	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_105710	KLPPNPR	AGAP001775-PA	-	31	0.000837529	1	821.501	2.32	Malpighian tubule	2R:-:10164765-10164745	exon=> In CDS Exon 1 of transcript AGAP001775-PA
JHU_Ag_107614	VLELQDLFRPLDVDR	AGAP001775-PA	-	90	9.80E-09	1	1827.997	0.31	Malpighian tubule	2R:-:10164672-10164628	exon=> In CDS Exon 1 of transcript AGAP001775-PA
JHU_Ag_108857	LAQVEGEIR	AGAP001775-PA	-	52	6.51E-05	2	1014.557	-1.31	Malpighian tubule	2R:-:10156628-10156602	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_109442	SPVFSHLSASLAGLPTIR	AGAP001775-PA	-	32	0.002800537	1	1853.023	-2.66	Head	2R:-:10157207-10157154	exon=> In CDS Exon 5 of transcript AGAP001775-PA
JHU_Ag_112310	SSLLQAILR	AGAP001775-PA	Q5(Deamidated)	37	0.001328323	2	1001.601	1.92	Midgut	2R:-:10158760-10158734	exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_52757	SSLIGALFR	AGAP001775-PA,AGAP003221-PA	-	62	4.08E-06	2	963.564	1.46	Malpighian tubule	2R:-:10156655-10156629;2R:+:34026959-34026985	exon=> In CDS Exon 5 of transcript AGAP001775-PA;exon=> In CDS Exon 8 of transcript AGAP003221-PA
JHU_Ag_78108	SSLIGALFR	AGAP001775-PA,AGAP003221-PA	-	50	4.77E-05	2	963.567	4.5	Salivary gland	2R:-:10156655-10156629;2R:+:34026959-34026985	exon=> In CDS Exon 5 of transcript AGAP001775-PA;exon=> In CDS Exon 8 of transcript AGAP003221-PA
JHU_Ag_82414	SSLIGALFR	AGAP001775-PA,AGAP003221-PA	-	44	0.000239417	2	963.564	1.84	Pupa	2R:-:10156655-10156629;2R:+:34026959-34026985	exon=> In CDS Exon 5 of transcript AGAP001775-PA;exon=> In CDS Exon 8 of transcript AGAP003221-PA
JHU_Ag_103304	SSLIGALFR	AGAP001775-PA,AGAP003221-PA	-	58	9.57E-06	2	963.561	-1.33	Midgut	2R:-:10156655-10156629;2R:+:34026959-34026985	exon=> In CDS Exon 5 of transcript AGAP001775-PA;exon=> In CDS Exon 8 of transcript AGAP003221-PA
JHU_Ag_15458	GIAELGEGLVATR	AGAP001777-PA	-	76	2.44E-07	2	1285.715	3.31	Malpighian tubule	2R:+:10173866-10173904	exon=> In CDS Exon 4 of transcript AGAP001777-PA
JHU_Ag_27476	GSLIGIVGPVGSGK	AGAP001777-PA	-	47	8.40E-05	2	1240.734	6.07	Malpighian tubule	2R:+:10174169-10174210	exon=> In CDS Exon 4 of transcript AGAP001777-PA
JHU_Ag_32602	SPIFTHIAATLTGLPTIR	AGAP001777-PA	-	37	0.000378228	1	1909.097	3.5	Malpighian tubule	2R:+:10175823-10175876	exon=> In CDS Exon 7 of transcript AGAP001777-PA
JHU_Ag_50648	SSLIAALFR	AGAP001777-PA	-	37	0.000796 99	2	977.580	2.1	Malpighian tubule	2R:+:10176387-10176413	exon=> In CDS Exon 7 of transcript AGAP001777-PA
JHU_Ag_103947	SHISIIPQDPVLFSGTLRR	AGAP001777-PA	-	57	4.21E-06	1	2136.210	8.02	Malpighian tubule	2R:+:10176486-10176542	exon=> In CDS Exon 7 of transcript AGAP001777-PA
JHU_Ag_108893	LLNEPTDGPLPDGVAIQLR	AGAP001777-PA	-	69	9.06E-07	1	2018.098	3.17	Malpighian tubule	2R:+:10174010-10174066	exon=> In CDS Exon 4 of transcript AGAP001777-PA
JHU_Ag_114330	SSVLQVLLR	AGAP001777-PA	-	77	5.42E-08	2	1014.632	1.46	Malpighian tubule	2R:+:10174211-10174237	exon=> In CDS Exon 4 of transcript AGAP001777-PA
JHU_Ag_70408	RLEGITR	AGAP001777-PA,AGAP001775-PA,AGAP003221-PA	-	40	0.001197116	2	844.502	2.84	Malpighian tubule	2R:+:10175727-10175742,10175818-10175822;2R:-:10157228-10157208;2R:+:34026260-34026275,34026344-34026348	exon=> In CDS Exon 6 and 7 of transcript AGAP001777-PA;exon=> In CDS Exon 5 of transcript AGAP001775-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP003221-PA
JHU_Ag_101160	SLSTLYK	AGAP001778-PA	N-Term(Acetyl)	38	0.001143558	1	853.465	-2.1	Midgut	2R:-:10178927-10178907	exon=> In CDS Exon 1 of transcript AGAP001778-PA
JHU_Ag_13617	SSDAASVHHPK	AGAP001780-PA	-	38	0.002649636	1	1135.551	1.64	Ovary	2R:+:10218936-10218968	exon=> In CDS Exon 4 of transcript AGAP001780-PA
JHU_Ag_29190	GSSAMSSSILSDILLGR	AGAP001780-PA	M5(Oxidation)	98	1.90E-09	1	1709.881	4.16	Ovary	2R:+:10227676-10227726	exon=> In CDS Exon 12 of transcript AGAP001780-PA

JHU_Ag_30209	FHDLAFFDPVVYESLR	AGAP001780-PA	-	56	3.08E-05	2	1954.980	5.39	Ovary	2R:+:10229335-10229382	exon=> In CDS Exon 13 of transcript AGAP001780-PA
JHU_Ag_32268	LEHVATNYPEFALDR	AGAP001780-PA	-	45	0.000587336	2	1774.894	10.09	Ovary	2R:+:10219101-10219145	exon=> In CDS Exon 4 of transcript AGAP001780-PA
JHU_Ag_36202	ITGMLLELPPTQVLHLLASDENLR	AGAP001780-PA	M4(Oxidation)	112	2.16E-11	1	2689.473	4.86	Ovary	2R:+:10228567-10228638	exon=> In CDS Exon 12 of transcript AGAP001780-PA
JHU_Ag_39832	AHNSEHRDSLPVLDVTALR	AGAP001780-PA	-	116	2.48E-11	1	2130.119	6.59	Ovary	2R:+:10225377-10225433	exon=> In CDS Exon 10 of transcript AGAP001780-PA
JHU_Ag_41486	GESILLFLIQTVGR	AGAP001780-PA	-	38	0.000242728	2	1545.908	5.43	Ovary	2R:+:10222018-10222059	exon=> In CDS Exon 5 of transcript AGAP001780-PA
JHU_Ag_60587	AALLTQTFK	AGAP001780-PA	-	35	0.001036005	2	992.582	4.13	Ovary	2R:+:10227910-10227936	exon=> In CDS Exon 12 of transcript AGAP001780-PA
JHU_Ag_70036	TESGELFWWGVLPFGQR	AGAP001780-PA	-	52	0.000102498	1	2009.005	6.48	Ovary	2R:+:10219188-10219238	exon=> In CDS Exon 4 of transcript AGAP001780-PA
JHU_Ag_78614	DLTLLK	AGAP001780-PA	-	32	0.004986704	1	702.442	3.54	Larva	2R:+:10227877-10227894	exon=> In CDS Exon 12 of transcript AGAP001780-PA
JHU_Ag_78981	SSSLRPVASAASMNAEDESQDLLR	AGAP001780-PA	M13(Oxidation)	92	9.89E-09	1	2550.228	6.97	Ovary	2R:+:10223093-10223164	exon=> In CDS Exon 6 of transcript AGAP001780-PA
JHU_Ag_104426	LSLILFAR	AGAP001780-PA	-	52	2.01E-06	2	932.597	4.98	Ovary	2R:+:10227733-10227756	exon=> In CDS Exon 12 of transcript AGAP001780-PA
JHU_Ag_21434	EEDSATTTSAEVATK	AGAP001786-PA	-	45	0.000325316	2	1539.700	-1.38	Head	2R:+:10455856-10455900	exon=> In CDS Exon 12 of transcript AGAP001786-PA
JHU_Ag_29154	DIVFPSDSVEATTPVLYR	AGAP001786-PA	-	76	3.32E-07	2	2009.031	4.35	Head	2R:+:10454020-10454073	exon=> In CDS Exon 12 of transcript AGAP001786-PA
JHU_Ag_18794	LPASFIEANPTESGQVPSDHLQSTTR	AGAP001787-PA	-	132	9.69E-13	1	2782.365	0.18	Ovary	2R:+:10480359-10480406,10480486-10480515	exon=> In CDS Exon 1 and 2 of transcript AGAP001787-PA
JHU_Ag_29659	LPIAAR	AGAP001788-PA	-	26	0.001182 96	1	640.414	-0.27	Midgut	2R:-:10482182-10482165	exon=> In CDS Exon 3 of transcript AGAP001788-PA
JHU_Ag_60948	SLLLSSLLGQK	AGAP001788-PA	-	73	1.02E-07	2	1158.709	-0.23	Ovary	2R:-:10482305-10482273	exon=> In CDS Exon 3 of transcript AGAP001788-PA
JHU_Ag_73340	LPIAAR	AGAP001788-PA	-	28	0.000818408	1	640.413	-1.12	Male reproductive organs	2R:-:10482182-10482165	exon=> In CDS Exon 3 of transcript AGAP001788-PA
JHU_Ag_90419	LPIAAR	AGAP001788-PA	-	27	0.000935341	1	640.413	-1.98	Head	2R:-:10482182-10482165	exon=> In CDS Exon 3 of transcript AGAP001788-PA
JHU_Ag_99024	LPIAAR	AGAP001788-PA	-	25	0.001721 75	1	640.413	-1.6	Pupa	2R:-:10482182-10482165	exon=> In CDS Exon 3 of transcript AGAP001788-PA
JHU_Ag_104909	ESEEAFLNR	AGAP001788-PA	-	53	6.29E-05	2	1094.512	0.4	Ovary	2R:-:10482808-10482782	exon=> In CDS Exon 2 of transcript AGAP001788-PA
JHU_Ag_114694	IGSTVIEK	AGAP001788-PA	-	51	9.93E-05	2	846.492	-1.44	Ovary	2R:-:10482841-10482818	exon=> In CDS Exon 2 of transcript AGAP001788-PA
JHU_Ag_45477	ESILNEINVLK	AGAP001790-PA	-	46	0.000190759	2	1271.725	3.09	Malpighian tubule	2R:-:10492310-10492278	exon=> In CDS Exon 1 of transcript AGAP001790-PA
JHU_Ag_115923	NTGAKVAIK	AGAP001790-PA	-	34	0.003360215	2	901.545	-1.39	Head	2R:-:10492367-10492341	exon=> In CDS Exon 1 of transcript AGAP001790-PA
JHU_Ag_3405	QLQYSTALSGKQEQEPR	AGAP001791-PA	-	51	0.000138144	1	1962.994	2.8	Malpighian tubule	2R:+:10515294-10515344	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_3608	VSVNTFSVIGDR	AGAP001791-PA	-	68	2.03E-06	2	1293.688	6.65	Larva	2R:+:10514307-10514342	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_4631	IIDTDQASLGISR	AGAP001791-PA	-	92	9.32E-09	2	1388.738	-0.15	Head	2R:+:10514726-10514734,10514820-10514849	exon=> In CDS Exon 4 and 5 of transcript AGAP001791-PA
JHU_Ag_16291	SLVSEEISDSEATPFKLAK	AGAP001791-PA	-	37	0.002885487	1	2051.065	5.28	Malpighian tubule	2R:+:10514361-10514417	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_18390	ITTGVHSPGQFR	AGAP001791-PA	-	40	0.001204773	1	1299.684	2.35	Head	2R:+:10516328-10516363	exon=> In CDS Exon 6 of transcript AGAP001791-PA

JHU_Ag_22203	KVDWMDEVTR	AGAP001791-PA	M5(Oxidation)	45	0.000403849	2	1294.607	-1.81	Pupa	2R:+:10515492-10515521	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_24451	ALNKHPNTVVDSGK	AGAP001791-PA	-	43	0.000496851	1	1479.794	1.52	Malpighian tubule	2R:+:10514025-10514066	exon=> In CDS Exon 2 of transcript AGAP001791-PA
JHU_Ag_25013	IIDTDQASLGISR	AGAP001791-PA	-	114	6.81E-11	2	1388.740	1.25	Midgut	2R:+:10514726-10514734,10514820-10514849	exon=> In CDS Exon 4 and 5 of transcript AGAP001791-PA
JHU_Ag_28216	RQLQYSTALSGK	AGAP001791-PA	-	85	2.03E-08	2	1351.733	-0.03	Head	2R:+:10515291-10515326	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_28676	QLQYSTALSGK	AGAP001791-PA	-	40	0.001312161	2	1195.631	-0.82	Midgut	2R:+:10515294-10515326	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_30825	ECVDITSGSLPISVGALYIR	AGAP001791-PA	C2(Carbamidomethyl)	65	3.34E-06	2	2150.122	2.49	Pupa	2R:+:10515351-10515410	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_31379	SLVSEEISDSEATPFK	AGAP001791-PA	-	87	3.14E-08	2	1738.838	0.04	Midgut	2R:+:10514361-10514408	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_31726	SLVSEEISDSEATPFK	AGAP001791-PA	-	67	3.53E-06	2	1738.846	4.39	Head	2R:+:10514361-10514408	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_33871	VSTMATHIGYPDELMDDAK	AGAP001791-PA	M4(Oxidation), M15(Oxidation)	33	0.00477533	1	2125.936	-2.9	Midgut	2R:+:10515540-10515596	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_34745	GIKPLLDIHEVLGGWPVLK	AGAP001791-PA	-	50	7.93E-06	1	2084.226	-0.2	Pupa	2R:+:10514537-10514593	exon=> In CDS Exon 4 of transcript AGAP001791-PA
JHU_Ag_36681	VSVNTFSVIGDRLQQQLR	AGAP001791-PA	-	70	3.84E-07	1	2060.143	8.76	Malpighian tubule	2R:+:10514307-10514360	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_38151	ISGFSSFFLTEK	AGAP001791-PA	-	79	2.23E-07	2	1362.695	0.6	Salivary gland	2R:+:10515246-10515281	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_45468	SLVSEEISDSEATPFK	AGAP001791-PA	-	83	7.96E-08	2	1738.843	2.71	Salivary gland	2R:+:10514361-10514408	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_49324	SAENICLTPGCIHSASK	AGAP001791-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	70	1.46E-06	1	1844.864	0.69	Pupa	2R:+:10514067-10514109,10514200-10514207	exon=> In CDS Exon 2 and 3 of transcript AGAP001791-PA
JHU_Ag_51807	GIKPLLDIHEVLGGWPVLK	AGAP001791-PA	-	76	1.58E-08	1	2084.234	3.4	Head	2R:+:10514537-10514593	exon=> In CDS Exon 4 of transcript AGAP001791-PA
JHU_Ag_52452	ISGFSSFFLTEK	AGAP001791-PA	-	94	6.98E-09	2	1362.693	-0.92	Midgut	2R:+:10515246-10515281	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_53076	ITTGVHSPGQFR	AGAP001791-PA	-	71	9.58E-07	1	1299.683	1.7	Malpighian tubule	2R:+:10516328-10516363	exon=> In CDS Exon 6 of transcript AGAP001791-PA
JHU_Ag_53464	AALDMVNDIK	AGAP001791-PA	M5(Oxidation)	46	0.000436794	2	1105.555	-1.01	Pupa	2R:+:10515438-10515467	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_54635	RQLQYSTALSGK	AGAP001791-PA	-	33	0.003090828	1	1351.734	0.6	Pupa	2R:+:10515291-10515326	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_57107	SLVSEEISDSEATPFK	AGAP001791-PA	-	117	3.08E-11	2	1738.842	2.08	Pupa	2R:+:10514361-10514408	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_60807	ALNKHPNTVVDSGK	AGAP001791-PA	-	69	1.16E-06	1	1479.791	-0.09	Pupa	2R:+:10514025-10514066	exon=> In CDS Exon 2 of transcript AGAP001791-PA
JHU_Ag_61184	LNLNGINTQGENIADNGGIK	AGAP001791-PA	-	130	1.36E-12	1	2055.048	0.74	Head	2R:+:10516118-10516177	exon=> In CDS Exon 6 of transcript AGAP001791-PA
JHU_Ag_62749	ISGFSSFFLTEK	AGAP001791-PA	-	75	5.20E-07	2	1362.697	2.39	Head	2R:+:10515246-10515281	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_63191	RIIDTDQASLGISR	AGAP001791-PA	-	36	0.002412173	2	1544.839	-0.17	Pupa	2R:+:10514723-10514734,10514820-10514849	exon=> In CDS Exon 4 and 5 of transcript AGAP001791-PA
JHU_Ag_66234	AALDMVNDIKSVFVDILK	AGAP001791-PA	M5(Oxidation)	57	1.08E-05	1	2007.094	5.24	Malpighian tubule	2R:+:10515438-10515491	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_69843	SLVSEEISDSEATPFK	AGAP001791-PA	-	78	2.77E-07	2	1738.847	4.89	Malpighian tubule	2R:+:10514361-10514408	exon=> In CDS Exon 3 of transcript AGAP001791-PA

JHU_Ag_69950	QLQYSTALSGK	AGAP001791-PA	-	68	2.02E-06	2	1195.631	-0.71	Pupa	2R:+:10515294-10515326	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_70369	SVFVDILKK	AGAP001791-PA	-	44	7.81E-05	1	1048.641	0.49	Pupa	2R:+:10515468-10515494	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_70924	KVDWMDEVTR	AGAP001791-PA	M5(Oxidation)	31	0.011727869	1	1294.607	-1.71	Midgut	2R:+:10515492-10515521	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_73464	GIKPLLDIHEVLGGWPVLK	AGAP001791-PA	-	102	4.51E-11	1	2084.231	2.27	Larva	2R:+:10514537-10514593	exon=> In CDS Exon 4 of transcript AGAP001791-PA
JHU_Ag_73929	IIDTDQASLGISR	AGAP001791-PA	-	125	4.26E-12	2	1388.743	3.28	Malpighian tubule	2R:+:10514726-10514734,10514820-10514849	exon=> In CDS Exon 4 and 5 of transcript AGAP001791-PA
JHU_Ag_74277	VSVNTFSVIGDR	AGAP001791-PA	-	63	6.67E-06	2	1293.685	4.1	Salivary gland	2R:+:10514307-10514342	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_76978	VSVNTFSVIGDR	AGAP001791-PA	-	74	5.91E-07	2	1293.681	0.7	Pupa	2R:+:10514307-10514342	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_78033	VSVNTFSVIGDRLQQQLR	AGAP001791-PA	-	73	2.23E-07	1	2060.129	2.19	Pupa	2R:+:10514307-10514360	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_81924	SAENICLTPGCIHSASK	AGAP001791-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	46	0.000396768	2	1844.865	1.16	Head	2R:+:10514067-10514109,10514200-10514207	exon=> In CDS Exon 2 and 3 of transcript AGAP001791-PA
JHU_Ag_82046	QFDKNGNLVDWWQSDTK	AGAP001791-PA	N5(Deamidated),N7(Deamidated)	49	0.000166561	1	2081.962	2.9	Pupa	2R:+:10515998-10516048	exon=> In CDS Exon 6 of transcript AGAP001791-PA
JHU_Ag_86277	VSVNTFSVIGDR	AGAP001791-PA	-	76	3.69E-07	1	1293.683	2.31	Midgut	2R:+:10514307-10514342	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_88439	LNLNGINTQGENIADNGGIK	AGAP001791-PA	N4(Deamidated),"N4(Deamidated), N16(Deamidated)"	76	4.20E-07	2	2057.014	-0.34	Pupa	2R:+:10516118-10516177	exon=> In CDS Exon 6 of transcript AGAP001791-PA
JHU_Ag_89914	ISGFSSFFLTEK	AGAP001791-PA	-	93	8.85E-09	1	1362.698	3.11	Pupa	2R:+:10515246-10515281	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_90225	ISGFSSFFLTEKLR	AGAP001791-PA	-	33	0.004864252	1	1631.886	4.3	Malpighian tubule	2R:+:10515246-10515287	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_91666	ETVIPDEKVSVNTFSVIGDR	AGAP001791-PA	-	42	0.000735065	1	2205.142	1	Pupa	2R:+:10514283-10514342	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_92424	SLVSEEISDSEATPFK	AGAP001791-PA	-	106	3.94E-10	1	1738.849	6.15	Larva	2R:+:10514361-10514408	exon=> In CDS Exon 3 of transcript AGAP001791-PA
JHU_Ag_96564	NPSWWR	AGAP001791-PA	-	42	0.000480492	2	845.407	1.43	Head	2R:+:10512983-10513000	exon=> In CDS Exon 1 of transcript AGAP001791-PA
JHU_Ag_97474	IIDTDQASLGISR	AGAP001791-PA	-	114	5.90E-11	2	1388.738	0.02	Pupa	2R:+:10514726-10514734,10514820-10514849	exon=> In CDS Exon 4 and 5 of transcript AGAP001791-PA
JHU_Ag_99687	DFNCPVGSPMNPEHK	AGAP001791-PA	C4(Carbamidomethyl), M10(Oxidation)	42	0.000347436	1	1744.746	2.46	Head	2R:+:10516403-10516447	exon=> In CDS Exon 6 of transcript AGAP001791-PA
JHU_Ag_109688	IIDTDQASLGISR	AGAP001791-PA	-	110	1.34E-10	2	1388.742	2.92	Salivary gland	2R:+:10514726-10514734,10514820-10514849	exon=> In CDS Exon 4 and 5 of transcript AGAP001791-PA
JHU_Ag_109760	LNLNGINTQGENIADNGGIK	AGAP001791-PA	N4(Deamidated)	59	2.05E-05	2	2056.043	6.02	Salivary gland	2R:+:10516118-10516177	exon=> In CDS Exon 6 of transcript AGAP001791-PA
JHU_Ag_110824	ITTGVHSPGQFR	AGAP001791-PA	-	77	2.13E-07	1	1299.680	-0.09	Pupa	2R:+:10516328-10516363	exon=> In CDS Exon 6 of transcript AGAP001791-PA
JHU_Ag_113710	SVFVDILK	AGAP001791-PA	-	35	0.001233678	1	920.548	2.62	Pupa	2R:+:10515468-10515491	exon=> In CDS Exon 5 of transcript AGAP001791-PA
JHU_Ag_4076	IGKPSLVNETSR	AGAP001792-PA	-	67	2.23E-06	1	1300.724	1.29	Head	2R:-:10519196-10519161	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_4886	SWLFGYK	AGAP001792-PA	N-Term(Acetyl)	44	0.000424447	2	942.475	3.2	Head	2R:-:10520118-10520098	exon=> In CDS Exon 1 of transcript AGAP001792-PA

JHU_Ag_5226	IGKPSLVNETSR	AGAP001792-PA	-	63	4.91E-06	1	1300.724	1.76	Malpighian tubule	2R:-:10519196-10519161	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_6387	SALNAFLYR	AGAP001792-PA	-	58	1.67E-05	2	1054.567	-0.81	Ovary	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_7806	LRDIAIATK	AGAP001792-PA	-	52	2.58E-05	1	1000.613	-2.29	Head	2R:-:10519049-10519023	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_8558	DLTLEQIR	AGAP001792-PA	-	51	0.000147318	2	987.547	-0.31	Midgut	2R:-:10519418-10519395	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_10781	NILMHGPPGTGK	AGAP001792-PA	M4(Oxidation)	49	0.000189611	2	1237.636	0.46	Head	2R:-:10518992-10518957	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_11800	SALNAFLYR	AGAP001792-PA	-	63	3.82E-06	1	1054.570	1.5	Malpighian tubule	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_12564	TAGSVLGQGATALLTDWNK	AGAP001792-PA	-	127	2.42E-12	1	1903.000	4.07	Head	2R:-:10519349-10519293	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_15849	LYFDKFVLQPAAEGK	AGAP001792-PA	-	52	6.00E-05	2	1725.933	6.76	Head	2R:-:10518572-10518528	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_16819	SALNAFLYR	AGAP001792-PA	-	54	3.61E-05	1	1054.569	0.69	Visceras	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_17296	HKPTEALQGVVLQPK	AGAP001792-PA	-	91	2.72E-09	1	1644.943	0.1	Visceras	2R:-:10519106-10519062	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_22723	AQYQDQLAR	AGAP001792-PA	-	57	3.03E-05	1	1092.544	0.54	Head	2R:-:10519643-10519617	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_24652	SALNAFLYR	AGAP001792-PA	-	41	0.000583195	2	1054.572	3.47	Pupa	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_25488	DAVTAIHK	AGAP001792-PA	-	43	0.000338303	1	854.473	-0.44	Ovary	2R:-:10518872-10518849	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_28750	TAGSVLGQGATALLTDWNK	AGAP001792-PA	-	106	2.86E-10	1	1902.992	0.22	Male reproductive organs	2R:-:10519349-10519293	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_29378	GLLLFIDEADAFLR	AGAP001792-PA	-	120	5.93E-12	2	1592.871	1.75	Visceras	2R:-:10518818-10518777	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_30381	FKVEQWDYSAVCSK	AGAP001792-PA	C12(Carbamidomethyl)	84	5.44E-08	1	1746.820	2.56	Ovary	2R:-:10518442-10518401	exon=> In CDS Exon 3 of transcript AGAP001792-PA
JHU_Ag_30416	SQAPPQGGDGGPEPPGPPPSSAGSAGQMAGDANLTKAER	AGAP001792-PA	M28(Oxidation)	57	1.96E-05	1	3657.697	3.72	Malpighian tubule	2R:-:10520097-10519981	exon=> In CDS Exon 1 of transcript AGAP001792-PA
JHU_Ag_31386	TAGSVLGQGATALLTDWNK	AGAP001792-PA	-	154	5.17E-15	1	1902.995	1.76	Malpighian tubule	2R:-:10519349-10519293	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_32753	TAGSVLGQGATALLTDWNK	AGAP001792-PA	-	125	4.11E-12	1	1902.996	1.82	Visceras	2R:-:10519349-10519293	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_34328	FKVEQWDYSAVCSK	AGAP001792-PA	C12(Carbamidomethyl)	70	1.53E-06	2	1746.823	4.17	Malpighian tubule	2R:-:10518442-10518401	exon=> In CDS Exon 3 of transcript AGAP001792-PA
JHU_Ag_37435	SALNAFLYR	AGAP001792-PA	-	64	3.47E-06	2	1054.571	2.89	Salivary gland	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_38406	DAVTAIHK	AGAP001792-PA	-	30	0.007384244	2	854.473	0.34	Head	2R:-:10518872-10518849	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_38987	SWLFGYK	AGAP001792-PA	N-Term(Acetyl)	43	0.000408393	2	942.474	2.29	Visceras	2R:-:10520118-10520098	exon=> In CDS Exon 1 of transcript AGAP001792-PA
JHU_Ag_39153	VKEYEAHIEASK	AGAP001792-PA	-	54	8.65E-05	2	1403.720	2.19	Ovary	2R:-:10519754-10519719	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_41820	FMLVLASNTPEQFDYAINDR	AGAP001792-PA	M2(Oxidation)	93	9.62E-09	2	2360.130	2.91	Visceras	2R:-:10518692-10518633	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_44651	HKPTEALQGVVLQPKLEER	AGAP001792-PA	-	72	1.38E-07	1	2172.224	4.78	Malpighian tubule	2R:-:10519106-10519050	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_45198	DLTLEQIR	AGAP001792-PA	-	45	0.000562673	2	987.547	-0.24	Ovary	2R:-:10519418-10519395	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_47532	FKVEQWDYSAVCSK	AGAP001792-PA	C12(Carbamidomethyl)	33	0.0071261	3	1746.820	2.76	Head	2R:-:10518442-10518401	exon=> In CDS Exon 3 of transcript AGAP001792-PA

JHU_Ag_48188	GLLLFIDEADAFLR	AGAP001792-PA	-	58	1.23E-05	2	1592.867	-1.09	Midgut	2R:-:10518818-10518777	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_48229	IGKPSLVNETSR	AGAP001792-PA	-	49	0.000135	1	1300.721	-1	Salivary gland	2R:-:10519196-10519161	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_50221	SALNAFLYR	AGAP001792-PA	-	57	1.68E-05	2	1054.571	3.12	Head	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_50570	FSLLEALKHPIETVK	AGAP001792-PA	-	50	2.78E-05	1	1724.997	1.62	Malpighian tubule	2R:-:10519160-10519116	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_54023	FDSSALER	AGAP001792-PA	-	44	0.000473	2	924.442	-0.13	Head	2R:-:10519959-10519936	exon=> In CDS Exon 1 of transcript AGAP001792-PA
JHU_Ag_54968	MKHKPTEALQGVVLQPK	AGAP001792-PA	-	47	5.26E-05	1	1904.083	2.15	Malpighian tubule	2R:-:10519112-10519062	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_56806	VQEENLR	AGAP001792-PA	-	41	0.000957	1	887.460	1.94	Malpighian tubule	2R:-:10519580-10519560	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_57196	IGKPSLVNETSR	AGAP001792-PA	-	41	0.000893	3	1300.720	-1.56	Visceras	2R:-:10519196-10519161	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_58826	AQYQDQLAR	AGAP001792-PA	-	75	5.55E-07	1	1092.545	1.77	Malpighian tubule	2R:-:10519643-10519617	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_62163	AQYQDQLAR	AGAP001792-PA	-	81	1.34E-07	1	1092.543	-0.24	Visceras	2R:-:10519643-10519617	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_62228	SSEQISEDMR	AGAP001792-PA	M9(Oxidation)	43	0.000200	2	1197.507	1.35	Malpighian tubule	2R:-:10518770-10518741	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_62262	DAVTAIHKVFDWANTSR	AGAP001792-PA	-	118	2.20E-11	1	1930.984	3.55	Malpighian tubule	2R:-:10518872-10518822	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_64763	DAVTAIHK	AGAP001792-PA	-	35	0.001870	1	854.475	2.42	Malpighian tubule	2R:-:10518872-10518849	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_64973	VKEYEAHIEASK	AGAP001792-PA	-	57	4.21E-05	2	1403.719	2.02	Head	2R:-:10519754-10519719	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_70165	FSLLEALK	AGAP001792-PA	-	39	0.000516	2	920.547	2.34	Malpighian tubule	2R:-:10519160-10519137	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_70547	FDSSALER	AGAP001792-PA	-	45	0.000390	2	924.440	-2.9	Ovary	2R:-:10519959-10519936	exon=> In CDS Exon 1 of transcript AGAP001792-PA
JHU_Ag_72759	AQYQDQLAR	AGAP001792-PA	-	41	0.001320	2	1092.543	-0.02	Male reproductive organs	2R:-:10519643-10519617	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_78028	LLEAELRAK	AGAP001792-PA	-	30	0.005454	1	1042.627	1.71	Malpighian tubule	2R:-:10519469-10519443	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_78071	TAGSVLGQGATALLTDWNK	AGAP001792-PA	-	116	3.02E-11	2	1902.994	0.86	Ovary	2R:-:10519349-10519293	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_83788	TAGSVLGQGATALLTDWNK	AGAP001792-PA	-	103	7.02E-10	1	1902.986	-3.18	Midgut	2R:-:10519349-10519293	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_85081	SALNAFLYR	AGAP001792-PA	-	66	2.79E-06	2	1054.568	0.12	Midgut	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_86948	DLTLEQIR	AGAP001792-PA	-	46	0.000443	2	987.547	0.25	Malpighian tubule	2R:-:10519418-10519395	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_88087	HKPTEALQGVVLQPK	AGAP001792-PA	-	59	4.34E-06	1	1644.943	-0.06	Ovary	2R:-:10519106-10519062	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_90941	YEEQLAQQQR	AGAP001792-PA	-	54	6.36E-05	2	1292.620	-2.28	Ovary	2R:-:10519610-10519581	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_91792	TLAEETKQQQQR	AGAP001792-PA	-	83	7.03E-08	1	1459.753	1.87	Malpighian tubule	2R:-:10519679-10519644	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_92049	LATHSGMDYAIMTGGDVGPMGR	AGAP001792-PA	M7(Oxidation), M12(Oxidation), M20(Oxidation)	59	9.67E-06	1	2285.012	5.3	Head	2R:-:10518938-10518873	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_93470	LDEMVEFTLPGLEER	AGAP001792-PA	M4(Oxidation)	73	9.82E-07	2	1793.867	2.12	Visceras	2R:-:10518632-10518588	exon=> In CDS Exon 2 of transcript AGAP001792-PA

JHU_Ag_94528	DLTLEQIR	AGAP001792-PA	-	52	0.000139529	2	987.550	2.72	Male reproductive organs	2R:-:10519418-10519395	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_98181	YEEQLAQQQR	AGAP001792-PA	-	43	0.000879649	2	1292.625	1.31	Head	2R:-:10519610-10519581	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_99029	FSLLEALKHPIETVK	AGAP001792-PA	-	35	0.000879696	1	1725.000	3	Head	2R:-:10519160-10519116	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_99552	LRDIAIATK	AGAP001792-PA	-	35	0.00133593	2	1000.615	-0.46	Ovary	2R:-:10519049-10519023	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_99905	SQAPPQGGDGGPEPPGPPPSSAGSAGQMAGDANLTK	AGAP001792-PA	M28(Oxidation)	39	0.001135445	1	3301.505	0.81	Head	2R:-:10520097-10519990	exon=> In CDS Exon 1 of transcript AGAP001792-PA
JHU_Ag_100182	EYEAHIEASK	AGAP001792-PA	-	44	0.000587899	2	1176.555	1.22	Head	2R:-:10519748-10519719	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_101244	RYEEQLAQQQR	AGAP001792-PA	-	71	1.49E-06	2	1448.720	-2.66	Head	2R:-:10519613-10519581	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_101859	SALNAFLYR	AGAP001792-PA	-	54	2.88E-05	2	1054.570	1.85	Male reproductive organs	2R:-:10518740-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_106895	FSLLEALK	AGAP001792-PA	-	40	0.000367453	2	920.546	0.36	Head	2R:-:10519160-10519137	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_107976	VKEYEAHIEASK	AGAP001792-PA	-	43	0.001069538	1	1403.716	-0.62	Visceras	2R:-:10519754-10519719	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_108023	DLTLEQIR	AGAP001792-PA	-	45	0.000576322	2	987.549	2.23	Head	2R:-:10519418-10519395	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_109266	FDSSALER	AGAP001792-PA	-	67	2.67E-06	2	924.443	1	Malpighian tubule	2R:-:10519959-10519936	exon=> In CDS Exon 1 of transcript AGAP001792-PA
JHU_Ag_109403	VVTTVGGLSLLALGVYTAK	AGAP001792-PA	-	71	4.37E-08	2	1862.110	5.42	Visceras	2R:-:10519292-10519236	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_113149	LRDIAIATK	AGAP001792-PA	-	44	0.000177739	2	1000.614	-0.52	Visceras	2R:-:10519049-10519023	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_113175	HKPTEALQGVVLQPK	AGAP001792-PA	Q13(Deamidated)	104	1.47E-10	1	1644.940	-2.13	Head	2R:-:10519106-10519062	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_113213	SSEQISEDMRSALNAFLYR	AGAP001792-PA	M9(Oxidation)	86	4.35E-08	1	2233.065	4.48	Malpighian tubule	2R:-:10518770-10518714	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_116362	TAGSVLGQGATALLTDWNK	AGAP001792-PA	-	74	4.68E-07	2	1903.005	6.57	Salivary gland	2R:-:10519349-10519293	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_117123	FKVEQWDYSAVCSK	AGAP001792-PA	C12(Carbamidomethyl)	134	6.13E-13	1	1746.816	0.32	Visceras	2R:-:10518442-10518401	exon=> In CDS Exon 3 of transcript AGAP001792-PA
JHU_Ag_117191	IGKPSLVNETSR	AGAP001792-PA	-	62	6.29E-06	1	1300.721	-0.78	Ovary	2R:-:10519196-10519161	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_117581	HKPTEALQGVVLQPK	AGAP001792-PA	-	64	1.44E-06	1	1644.942	-1.06	Malpighian tubule	2R:-:10519106-10519062	exon=> In CDS Exon 2 of transcript AGAP001792-PA
JHU_Ag_37306	IVKQPVLLNK	AGAP001794-PA	-	18	0.002944625	1	1151.752	1.2	Malpighian tubule	2R:-:10528257-10528228	exon=> In CDS Exon 1 of transcript AGAP001794-PA
JHU_Ag_38019	VDNWGVFFLQK	AGAP001794-PA	-	69	1.83E-06	2	1352.699	-0.76	Midgut	2R:-:10528617-10528585	exon=> In CDS Exon 1 of transcript AGAP001794-PA
JHU_Ag_69043	SSAAAKPEPAK	AGAP001794-PA	-	32	0.00537639	2	1056.572	3.18	Head	2R:-:10525495-10525463	exon=> In CDS Exon 2 of transcript AGAP001794-PA
JHU_Ag_100707	GGPSTTSQSSSSSTAATTGKPSGGGTTK	AGAP001794-PA	-	38	0.002559293	1	2485.178	5.42	Larva	2R:-:10527273-10527190	exon=> In CDS Exon 1 of transcript AGAP001794-PA
JHU_Ag_103787	VDNWGVFFLQK	AGAP001794-PA	-	44	0.000489299	2	1352.699	-0.58	Salivary gland	2R:-:10528617-10528585	exon=> In CDS Exon 1 of transcript AGAP001794-PA
JHU_Ag_113603	GGPSTTSQSSSSSTAATTGKPSGGGTTK	AGAP001794-PA	-	51	0.000127385	1	2485.174	3.8	Head	2R:-:10527273-10527190	exon=> In CDS Exon 1 of transcript AGAP001794-PA
JHU_Ag_113642	GGPSTTSQSSSSSTAATTGKPSGGGTTK	AGAP001794-PA	-	108	2.26E-10	1	2485.161	-1.5	Male reproductive organs	2R:-:10527273-10527190	exon=> In CDS Exon 1 of transcript AGAP001794-PA
JHU_Ag_22016	EAVEKPKDESSSEPGSSK	AGAP001795-PA	-	73	7.87E-07	1	1890.896	1.84	Ovary	2R:+:10530802-10530855	exon=> In CDS Exon 3 of transcript AGAP001795-PA

JHU_Ag_37226	SIQTSLGHVQDFLK	AGAP001795-PA	-	80	1.42E-07	1	1572.844	3.55	Ovary	2R:+:10531315-10531356	exon=> In CDS Exon 3 of transcript AGAP001795-PA
JHU_Ag_87263	VWLVDDWDAISR	AGAP001795-PA	-	51	0.000124027	2	1474.737	3.24	Ovary	2R:+:10530961-10530996	exon=> In CDS Exon 3 of transcript AGAP001795-PA
JHU_Ag_108804	VTVQEIVDNYVQYKK	AGAP001795-PA	-	64	3.49E-06	1	1825.978	4.89	Ovary	2R:+:10531027-10531071	exon=> In CDS Exon 3 of transcript AGAP001795-PA
JHU_Ag_2856	VVLEAPDAGK	AGAP001796-PA	-	53	4.30E-05	1	998.550	-1.47	Ovary	2R:+:10532345-10532356,10533057-10533074	exon=> In CDS Exon 1 and 2 of transcript AGAP001796-PA
JHU_Ag_3640	LVSLGEVLQQNDVK	AGAP001796-PA	-	112	4.04E-11	2	1541.858	2.94	Head	2R:+:10533075-10533116	exon=> In CDS Exon 2 of transcript AGAP001796-PA
JHU_Ag_27413	LVSLGEVLQQNDVK	AGAP001796-PA	-	94	2.64E-09	2	1541.854	0.49	Midgut	2R:+:10533075-10533116	exon=> In CDS Exon 2 of transcript AGAP001796-PA
JHU_Ag_33955	GALIAQCCHAVAAVGHLYASDPDTVEYFK	AGAP001796-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	154	5.60E-15	1	3163.497	-0.23	Ovary	2R:+:10532237-10532323	exon=> In CDS Exon 1 of transcript AGAP001796-PA
JHU_Ag_73132	LVQYVIVNGEIAK	AGAP001796-PA	N8(Deamidated)	95	1.25E-09	1	1446.821	0.37	Ovary	2R:+:10532186-10532224	exon=> In CDS Exon 1 of transcript AGAP001796-PA
JHU_Ag_84066	LVSLGEVLQQNDVK	AGAP001796-PA	-	103	3.43E-10	1	1541.855	1.2	Ovary	2R:+:10533075-10533116	exon=> In CDS Exon 2 of transcript AGAP001796-PA
JHU_Ag_97325	HAEARLR	AGAP001797-PA	-	30	0.008092414	1	852.469	-13.1	Midgut	2R:+:10548290-10548310	exon=> In CDS Exon 1 of transcript AGAP001797-PA
JHU_Ag_17471	EVDRLEDDLNK	AGAP001797-PC	-	77	2.37E-07	1	1345.662	2	Head	2R:+:10578117-10578135,10585600-10585613	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PC
JHU_Ag_70520	ATQREESYGGQVR	AGAP001797-PC,AGAP001797-PI	-	73	7.51E-07	1	1480.716	1.71	Malpighian tubule	2R:+:10575066-10575104;2R:+:10575066-10575104	exon=> In CDS Exon 6 of transcript AGAP001797-PC;exon=> In CDS Exon 6 of transcript AGAP001797-PI
JHU_Ag_2328	EEAAAAAGGEGEAAAAGGEGAPAGPTK	AGAP001797-PD	-	145	3.83E-14	2	2268.039	0.54	Head	2R:+:10582353-10582433	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_5379	TPSPFELRK	AGAP001797-PD	-	37	0.003495014	1	1074.594	-0.11	Visceras	2R:+:10582440-10582466	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_16825	EEAAAAAGGEGEAAAAGGEGAPAGPTK	AGAP001797-PD	-	185	4.15E-18	2	2268.038	0.32	Visceras	2R:+:10582353-10582433	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_28371	HFPPEAAEVPYVR	AGAP001797-PD	-	81	1.14E-07	1	1511.760	-2.82	Head	2R:+:10582467-10582505	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_36128	EVDRLEDELIVEK	AGAP001797-PD	-	95	4.23E-09	1	1586.829	1.25	Pupa	2R:+:10578117-10578135,10582177-10582196	exon=> In CDS Exon 8 and 9 of transcript AGAP001797-PD
JHU_Ag_43806	YAEIGDDLDFAFVDLIPGIDPIWTER	AGAP001797-PD	-	35	0.003666653	2	2980.477	5.03	Head	2R:+:10582203-10582280	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_57926	EVDRLEDELIVEK	AGAP001797-PD	-	82	9.69E-08	1	1586.819	-4.98	Midgut	2R:+:10578117-10578135,10582177-10582196	exon=> In CDS Exon 8 and 9 of transcript AGAP001797-PD
JHU_Ag_61606	LEDELIVEK	AGAP001797-PD	-	39	0.001759595	2	1087.591	2.8	Head	2R:+:10578129-10578135,10582177-10582196	exon=> In CDS Exon 8 and 9 of transcript AGAP001797-PD
JHU_Ag_61717	EVDRLEDELIVEK	AGAP001797-PD	-	79	1.71E-07	1	1586.833	3.56	Head	2R:+:10578117-10578135,10582177-10582196	exon=> In CDS Exon 8 and 9 of transcript AGAP001797-PD
JHU_Ag_62605	KHFPPEAAEVPYVR	AGAP001797-PD	-	79	1.27E-07	1	1639.863	2.24	Visceras	2R:+:10582464-10582505	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_64473	TPSPFELR	AGAP001797-PD	-	54	6.59E-05	1	946.499	-0.05	Visceras	2R:+:10582440-10582463	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_74656	EVDRLEDELIVEK	AGAP001797-PD	-	110	1.28E-10	1	1586.830	1.41	Visceras	2R:+:10578117-10578135,10582177-10582196	exon=> In CDS Exon 8 and 9 of transcript AGAP001797-PD

JHU_Ag_75183	HFPPEAAEVPYVR	AGAP001797-PD	-	81	1.10E-07	1	1511.767	1.78	Visceras	2R:+:10582467-10582505	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_79472	LPTPPPPPPAPK	AGAP001797-PD	-	55	9.00E-06	2	1208.702	-1.36	Pupa	2R:+:10582317-10582352	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_85615	EEAAAAAGGEGEAAAAGGEGAPAGPTK	AGAP001797-PD	-	62	7.50E-06	1	2268.039	0.75	Pupa	2R:+:10582353-10582433	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_87991	EVDRLEDELIVEK	AGAP001797-PD	-	54	5.14E-05	1	1586.831	2.25	Ovary	2R:+:10578117-10578135,10582177-10582196	exon=> In CDS Exon 8 and 9 of transcript AGAP001797-PD
JHU_Ag_88102	EEAAAAAGGEGEAAAAGGEGAPAGPTK	AGAP001797-PD	-	130	1.33E-12	2	2268.038	0.32	Midgut	2R:+:10582353-10582433	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_99873	LPTPPPPPPAPK	AGAP001797-PD	-	42	0.000174742	1	1208.704	0.36	Visceras	2R:+:10582317-10582352	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_108480	YAEIGDDLDFAFVDLIPGIDPIWTER	AGAP001797-PD	-	84	5.63E-08	2	2980.471	3.31	Visceras	2R:+:10582203-10582280	exon=> In CDS Exon 9 of transcript AGAP001797-PD
JHU_Ag_117025	LEDELIVEK	AGAP001797-PD	-	55	5.43E-05	1	1087.587	-1.13	Pupa	2R:+:10578129-10578135,10582177-10582196	exon=> In CDS Exon 8 and 9 of transcript AGAP001797-PD
JHU_Ag_57558	VLDQRLK	AGAP001797-PD,AGAP001797-PC,AGAP001797-PI	-	42	0.000607887	1	871.536	-0.38	Malpighian tubule	2R:+:10575105-10575125;2R:+:10575105-10575125;2R:+:10575105-10575125	exon=> In CDS Exon 7 of transcript AGAP001797-PD;exon=> In CDS Exon 6 of transcript AGAP001797-PC;exon=> In CDS Exon 6 of transcript AGAP001797-PI
JHU_Ag_104250	EESYGGQVR	AGAP001797-PD,AGAP001797-PC,AGAP001797-PI	-	39	0.001110289	2	1024.469	-0.4	Head	2R:+:10575078-10575104;2R:+:10575078-10575104;2R:+:10575078-10575104	exon=> In CDS Exon 7 of transcript AGAP001797-PD;exon=> In CDS Exon 6 of transcript AGAP001797-PC;exon=> In CDS Exon 6 of transcript AGAP001797-PI
JHU_Ag_1398	EEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	72	9.75E-07	2	1317.627	-0.8	Pupa	2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_3586	AANVQQQSGNLLDVLKK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	111	4.64E-11	1	1868.029	2.7	Male reproductive organs	2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI

JHU_Ag_13616	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	37	0.001685866	2	1739.935	3.39	Midgut	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_14226	EEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	84	6.21E-08	2	1317.628	-0.24	Salivary gland	2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_16989	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	82	6.52E-08	2	1739.932	1.99	Pupa	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_22160	YKDECEEFHK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	C5(Carbamidomethyl)	40	0.000732055	2	1384.586	1.55	Malpighian tubule	2R:+:10558767-10558796;2R:+:10558767-10558796;2R:+:10558767-10558796;2R:+:10558767-10558796	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_22858	KLQNEVMR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M7(Oxidation)	49	0.000228584	2	1033.545	-0.95	Ovary	2R:+:10558797-10558820;2R:+:10558797-10558820;2R:+:10558797-10558820;2R:+:10558797-10558820	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_24027	AANVQQQSGNLLDVLKK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	128	9.81E-13	1	1868.027	1.85	Head	2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI

JHU_Ag_26423	EEAESEVAALNRR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	51	0.000128795	1	1473.729	0	Head	2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_34550	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	110	1.06E-10	2	1739.931	1.29	Head	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_34629	AANVQQQSGNLLDVLKK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	131	5.18E-13	1	1868.028	2.38	Salivary gland	2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_35347	REEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	60	1.73E-05	2	1473.730	0.5	Salivary gland	2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_46571	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	112	4.65E-11	1	1739.937	5.01	Malpighian tubule	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI

JHU_Ag_55301	EEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	77	2.70E-07	1	1317.629	0.32	Ovary	2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_58584	REEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	96	4.13E-09	1	1473.724	-3.31	Head	2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_59493	REEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	93	8.58E-09	1	1473.732	1.91	Malpighian tubule	2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_63242	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	127	2.01E-12	1	1739.929	0.09	Ovary	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI

JHU_Ag_64557	AANVQQQSGNLLDVLKK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	125	1.65E-12	1	1868.033	4.92	Malpighian tubule	2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_68223	REEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	89	2.18E-08	1	1473.729	-0.16	Pupa	2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_68384	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	101	8.57E-10	2	1739.929	0.3	Male reproductive organs	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_71570	EEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	76	3.33E-07	2	1317.630	1.06	Head	2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_74554	AANVQQQSGNLLDVLK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	105	2.77E-10	2	1739.930	1.01	Salivary gland	2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730;2R:+:10558683-10558730	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI

JHU_Ag_78381	DECEEFHK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	C3(Carbamidomethyl)	24	0.004332094	2	1093.427	0.93	Head	2R:+:10558773-10558796;2R:+:10558773-10558796;2R:+:10558773-10558796;2R:+:10558773-10558796	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_81686	REEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	95	5.27E-09	1	1473.728	-1.07	Ovary	2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_92965	REEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	92	9.95E-09	1	1473.735	3.56	Midgut	2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050;2R:+:10558821-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_95127	EEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	88	2.50E-08	2	1317.632	2.54	Malpighian tubule	2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI

JHU_Ag_105048	AANVQQQSGNLLDVLKK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	N-Term(Acetyl)	117	1.34E-11	1	1868.030	3.22	Ovary	2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733;2R:+:10558683-10558733	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_105712	EEAESEVAALNRR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	48	0.000280553	1	1473.733	2.32	Malpighian tubule	2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053;2R:+:10558824-10558829,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_108784	YKDECEEFHK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	C5(Carbamidomethyl)	38	0.001074741	1	1384.584	0.26	Ovary	2R:+:10558767-10558796;2R:+:10558767-10558796;2R:+:10558767-10558796;2R:+:10558767-10558796	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_110270	YKDECEEFHK	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	C5(Carbamidomethyl)	55	1.49E-05	1	1384.576	-5.94	Head	2R:+:10558767-10558796;2R:+:10558767-10558796;2R:+:10558767-10558796;2R:+:10558767-10558796	exon=> In CDS Exon 1 of transcript AGAP001797-PD;exon=> In CDS Exon 1 of transcript AGAP001797-PF;exon=> In CDS Exon 1 of transcript AGAP001797-PC;exon=> In CDS Exon 1 of transcript AGAP001797-PI
JHU_Ag_116466	EEAESEVAALNR	AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	84	5.37E-08	2	1317.629	0.87	Midgut	2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050;2R:+:10558824-10558829,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PI
JHU_Ag_2335	ALQNAESEVAALNRR	AGAP001797-PE	-	43	0.000669797	1	1641.866	-0.56	Midgut	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_5014	IQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M16(Oxidation)	46	0.000424786	3	2419.200	-0.89	Midgut	2R:+:10546003-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE

JHU_Ag_6419	ALQNAESEVAALNRR	AGAP001797-PE	N13(Deamidated)	78	1.82E-07	1	1641.866	-0.22	Pupa	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_6530	IQAIENDLDVTQETLMQVNTKLEEK	AGAP001797-PE	M16(Oxidation)	43	0.000507439	1	2918.475	3.06	Malpighian tubule	2R:+:10546003-10546077	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_10479	ALQNAESEVAALNR	AGAP001797-PE	N4(Deamidated)	126	3.55E-12	1	1486.752	1.23	Visceras	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_16326	IQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M16(Oxidation)	130	1.52E-12	2	2419.208	2.32	Visceras	2R:+:10546003-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_17776	IQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M16(Oxidation),"N6(Deamidated), M16(Oxidation)"	138	2.82E-13	2	2419.206	1.41	Head	2R:+:10546003-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_18886	ALLCEQQAR	AGAP001797-PE	C4(Carbamidomethyl)	77	3.62E-07	1	1088.551	-0.74	Ovary	2R:+:10545919-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_19468	IQAIENDLDVTQETLMQVNTKLEEK	AGAP001797-PE	M16(Oxidation)	74	4.07E-07	1	2918.462	-1.46	Male reproductive organs	2R:+:10546003-10546077	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_20118	ALQNAESEVAALNRR	AGAP001797-PE	-	60	1.39E-05	1	1641.863	-2.34	Ovary	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_23332	ALQNAESEVAALNR	AGAP001797-PE	N4(Deamidated),N13(Deamidated),Q3(Deamidated)	130	1.36E-12	1	1485.769	2.3	Head	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_23917	IQAIENDLDVTQETLMQVNTKLEEK	AGAP001797-PE	M16(Oxidation)	45	0.000387254	1	2918.463	-1.08	Visceras	2R:+:10546003-10546077	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_28248	ALLCEQQAR	AGAP001797-PE	C4(Carbamidomethyl)	62	1.00E-05	1	1088.551	-0.63	Salivary gland	2R:+:10545919-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_28578	AEKAEEEAR	AGAP001797-PE	-	54	5.21E-05	1	1032.498	2.21	Visceras	2R:+:10545961-10545987	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_29389	ALQNAESEVAALNRR	AGAP001797-PE	N4(Deamidated)	60	1.41E-05	1	1641.872	2.9	Visceras	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_30769	ALQNAESEVAALNRR	AGAP001797-PE	Q3(Deamidated)	61	1.11E-05	1	1641.865	-1.22	Head	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_31399	KIQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M17(Oxidation)	89	1.49E-08	1	2547.304	2.58	Pupa	2R:+:10546000-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_32980	EKALQNAESEVAALNR	AGAP001797-PE	-	47	0.000279264	1	1742.901	-1.23	Male reproductive organs	2R:+:10546078-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_33528	ALQNAESEVAALNR	AGAP001797-PE	-	99	1.89E-09	1	1485.768	1.32	Ovary	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_33729	ALQNAESEVAALNR	AGAP001797-PE	-	85	4.40E-08	2	1485.768	1.56	Midgut	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_45981	EKALQNAESEVAALNR	AGAP001797-PE	-	116	2.89E-11	2	1742.908	2.73	Visceras	2R:+:10546078-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_49434	ALQNAESEVAALNRR	AGAP001797-PE	-	50	0.000124149	1	1641.866	-0.33	Salivary gland	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_51908	ALLCEQQAR	AGAP001797-PE	C4(Carbamidomethyl)	66	4.20E-06	1	1088.550	-1.3	Pupa	2R:+:10545919-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_57122	ALLCEQQAR	AGAP001797-PE	C4(Carbamidomethyl)	68	2.51E-06	1	1088.551	-0.51	Visceras	2R:+:10545919-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE

JHU_Ag_61864	ALQNAESEVAALNRR	AGAP001797-PE	-	60	1.38E-05	1	1641.870	1.67	Malpighian tubule	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_62720	ALQNAESEVAALNR	AGAP001797-PE	-	119	1.85E-11	1	1485.766	0.41	Male reproductive organs	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_72401	ALLCEQQAR	AGAP001797-PE	C4(Carbamidomethyl)	73	1.13E-06	1	1088.553	1.39	Male reproductive organs	2R:+:10545919-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_73599	LEKDNALDR	AGAP001797-PE	-	50	0.000163983	1	1073.559	0.59	Malpighian tubule	2R:+:10545892-10545918	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_73809	ALLCEQQAR	AGAP001797-PE	C4(Carbamidomethyl)	41	0.001487692	2	1088.549	-2.2	Midgut	2R:+:10545919-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_76873	IQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M16(Oxidation)	158	2.94E-15	1	2419.203	0.47	Male reproductive organs	2R:+:10546003-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_76992	LEKDNALDR	AGAP001797-PE	-	53	7.44E-05	1	1073.558	-0.55	Male reproductive organs	2R:+:10545892-10545918	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_79880	ALQNAESEVAALNR	AGAP001797-PE	-	76	3.72E-07	2	1485.771	3.78	Salivary gland	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_80176	ALQNAESEVAALNR	AGAP001797-PE	-	116	3.58E-11	1	1485.769	1.97	Malpighian tubule	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_80304	ALQNAESEVAALNRR	AGAP001797-PE	-	98	2.03E-09	1	1641.866	-0.33	Male reproductive organs	2R:+:10546084-10546095,10563021-10563053	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_84219	ALQNAESEVAALNR	AGAP001797-PE	N4(Deamidated)	129	2.03E-12	2	1485.766	0.49	Pupa	2R:+:10546084-10546095,10563021-10563050	exon=> In CDS Exon 1 and 2 of transcript AGAP001797-PE
JHU_Ag_85636	ALLCEQQAR	AGAP001797-PE	C4(Carbamidomethyl), Q7(Deamidated),C4(Carbamidomethyl)	73	9.17E-07	1	1088.550	-1.64	Head	2R:+:10545919-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_86547	KIQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M17(Oxidation)	133	6.45E-13	1	2547.301	1.34	Visceras	2R:+:10546000-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_88046	LEKDNALDR	AGAP001797-PE	-	71	1.43E-06	1	1073.559	0.25	Visceras	2R:+:10545892-10545918	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_92340	IQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M16(Oxidation)	171	1.32E-16	1	2419.208	2.32	Ovary	2R:+:10546003-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_94595	IQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M16(Oxidation)	138	2.82E-13	2	2419.204	0.9	Pupa	2R:+:10546003-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_104333	KIQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M17(Oxidation),"N7(Deamidated), M17(Oxidation)"	120	1.22E-11	1	2547.301	1.53	Male reproductive organs	2R:+:10546000-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_109953	KIQAIENDLDVTQETLMQVNTK	AGAP001797-PE	M17(Oxidation)	137	2.58E-13	1	2547.296	-0.51	Ovary	2R:+:10546000-10546065	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_112439	DNALDRALLCEQQAR	AGAP001797-PE	C10(Carbamidomethyl)	97	3.63E-09	1	1772.876	3.1	Malpighian tubule	2R:+:10545901-10545945	exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_3366	EIGDDLDTAFVELILKE	AGAP001797-PE,AGAP001797-PA	-	118	2.38E-11	1	1919.985	0.12	Pupa	2R:+:10583551-10583601;2R:+:10583551-10583601	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_6016	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	41	0.001413904	2	1620.785	3.91	Larva	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA

JHU_Ag_20766	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	107	3.75E-10	1	1620.781	1.5	Head	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_27096	LEDELVMEK	AGAP001797-PE,AGAP001797-PA	M7(Oxidation)	79	1.84E-07	1	1121.540	0.06	Ovary	2R:+:10578129-10578135,10583519-10583538;2R:+:10578129-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_33736	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	81	1.41E-07	1	1604.787	1.77	Malpighian tubule	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_36798	EIGDDLDTAFVELILKE	AGAP001797-PE,AGAP001797-PA	-	124	6.28E-12	1	1919.991	3.24	Visceras	2R:+:10583551-10583601;2R:+:10583551-10583601	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_38228	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	97	3.38E-09	1	1620.779	-0.01	Ovary	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_43930	LEDELVMEK	AGAP001797-PE,AGAP001797-PA	-	66	3.97E-06	1	1105.544	-0.9	Head	2R:+:10578129-10578135,10583519-10583538;2R:+:10578129-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_46080	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	78	2.90E-07	1	1620.779	0.14	Pupa	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_47144	EIGDDLDTAFVELILK	AGAP001797-PE,AGAP001797-PA	-	96	2.75E-09	1	1790.949	3.81	Head	2R:+:10583551-10583598;2R:+:10583551-10583598	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_50278	EIGDDLDTAFVELILKE	AGAP001797-PE,AGAP001797-PA	-	124	6.58E-12	1	1919.988	1.52	Ovary	2R:+:10583551-10583601;2R:+:10583551-10583601	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA

JHU_Ag_59394	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	101	1.40E-09	1	1620.783	2.93	Male reproductive organs	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_70755	YREIGDDLDTAFVELILK	AGAP001797-PE,AGAP001797-PA	-	107	1.82E-10	1	2110.110	1.69	Ovary	2R:+:10583545-10583598;2R:+:10583545-10583598	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_70882	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	86	3.94E-08	1	1604.781	-1.88	Midgut	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_71042	LEDELVMEK	AGAP001797-PE,AGAP001797-PA	M7(Oxidation)	54	7.30E-05	2	1105.543	-1.12	Pupa	2R:+:10578129-10578135,10583519-10583538;2R:+:10578129-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_77173	YREIGDDLDTAFVELILK	AGAP001797-PE,AGAP001797-PA	-	74	3.34E-07	1	2110.115	3.86	Visceras	2R:+:10583545-10583598;2R:+:10583545-10583598	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_80445	EIGDDLDTAFVELILK	AGAP001797-PE,AGAP001797-PA	-	129	1.44E-12	1	1790.947	2.38	Pupa	2R:+:10583551-10583598;2R:+:10583551-10583598	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_102385	EIGDDLDTAFVELILK	AGAP001797-PE,AGAP001797-PA	-	116	2.66E-11	1	1790.944	0.95	Ovary	2R:+:10583551-10583598;2R:+:10583551-10583598	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_111049	LEDELVMEK	AGAP001797-PE,AGAP001797-PA	M7(Oxidation)	64	6.51E-06	1	1121.539	-0.92	Male reproductive organs	2R:+:10578129-10578135,10583519-10583538;2R:+:10578129-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_113106	EVDRLEDELVMEK	AGAP001797-PE,AGAP001797-PA	M11(Oxidation)	105	5.47E-10	1	1604.786	1.16	Visceras	2R:+:10578117-10578135,10583519-10583538;2R:+:10578117-10578135,10583519-10583538	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PA
JHU_Ag_114287	YREIGDDLDTAFVELILK	AGAP001797-PE,AGAP001797-PA	-	44	0.000384628	3	2110.112	2.38	Pupa	2R:+:10583545-10583598;2R:+:10583545-10583598	exon=> In CDS Exon 8 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PA
JHU_Ag_6095	FMAEEADKK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	45	0.000363067	2	1068.504	0.81	Visceras	2R:+:10564871-10564897;2R:+:10564871-10564897	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA

JHU_Ag_14954	FMAEEADKK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M2(Oxidation)	61	7.73E-06	1	1084.498	-0.14	Ovary	2R:+:10564871-10564897;2R:+:10564871-10564897;2R:+:10564871-10564897	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_16970	KLAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M4(Oxidation)	85	5.23E-08	1	1290.672	-0.38	Male reproductive organs	2R:+:10570530-10570562;2R:+:10570530-10570562;2R:+:10570530-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_17359	MDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M1(Oxidation)	57	3.33E-05	2	1077.523	-1.21	Ovary	2R:+:10564835-10564861;2R:+:10564835-10564861;2R:+:10564835-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_17826	LAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	79	1.99E-07	1	1162.577	-0.53	Ovary	2R:+:10570533-10570562;2R:+:10570533-10570562;2R:+:10570533-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_18090	FMAEEADK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M2(Oxidation)	47	9.98E-05	2	956.402	-1.57	Head	2R:+:10564871-10564894;2R:+:10564871-10564894;2R:+:10564871-10564894	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_18823	KVLENR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	43	0.000616042	2	758.452	0.16	Male reproductive organs	2R:+:10564796-10564813;2R:+:10564796-10564813;2R:+:10564796-10564813	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_20540	ALADEERMDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M8(Oxidation)	71	1.38E-06	1	1861.893	-1.62	Midgut	2R:+:10564814-10564861;2R:+:10564814-10564861;2R:+:10564814-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_21219	LAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	61	1.67E-05	2	1146.585	1.84	Malpighian tubule	2R:+:10570533-10570562;2R:+:10570533-10570562;2R:+:10570533-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_27741	SLEVSEEKANQR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	89	2.08E-08	1	1389.697	0.03	Visceras	2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074	exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PA
JHU_Ag_28229	ANQREEEYK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	35	0.004531079	1	1166.546	1.84	Visceras	2R:+:10574063-10574089;2R:+:10574063-10574089;2R:+:10574063-10574089	exon=> In CDS Exon 6 of transcript AGAP001797-PE;exon=> In CDS Exon 6 of transcript AGAP001797-PD;exon=> In CDS Exon 6 of transcript AGAP001797-PA

JHU_Ag_29122	KLAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	95	5.15E-09	1	1274.674	-2.85	Midgut	2R:+:10570530-10570562;2R:+:10570530-10570562;2R:+:10570530-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_31105	LAMVEADLERAEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	35	0.005146062	1	1647.804	1.84	Malpighian tubule	2R:+:10570533-10570574;2R:+:10570533-10570574;2R:+:10570533-10570574	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_31595	SLEVSEEKANQR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	97	3.20E-09	1	1389.698	0.46	Pupa	2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074	exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PA
JHU_Ag_38480	ALADEERMDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M8(Oxidation)	80	2.05E-07	1	1845.906	2.36	Pupa	2R:+:10564814-10564861;2R:+:10564814-10564861;2R:+:10564814-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_38655	MDALENQLKEAR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M1(Oxidation)	41	0.001518011	2	1433.703	-1.54	Malpighian tubule	2R:+:10564835-10564870;2R:+:10564835-10564870;2R:+:10564835-10564870	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_40776	KLAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M4(Oxidation)	80	1.51E-07	1	1290.673	0.75	Malpighian tubule	2R:+:10570530-10570562;2R:+:10570530-10570562;2R:+:10570530-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_41232	SLEVSEEKANQR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	103	9.07E-10	1	1389.698	0.64	Male reproductive organs	2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074	exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PA
JHU_Ag_41840	ALADEERMDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M8(Oxidation)	103	9.87E-10	1	1861.898	0.74	Visceras	2R:+:10564814-10564861;2R:+:10564814-10564861;2R:+:10564814-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA

JHU_Ag_48546	EEEYKNQIK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	39	0.001908095	1	1180.587	2	Ovary	2R:+:10574075-10574101;2R:+:10574075-10574101;2R:+:10574075-10574101	exon=> In CDS Exon 6 of transcript AGAP001797-PE;exon=> In CDS Exon 6 of transcript AGAP001797-PD;exon=> In CDS Exon 6 of transcript AGAP001797-PA
JHU_Ag_50940	ALADEERMDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M8(Oxidation)	75	6.52E-07	1	1861.899	1.52	Head	2R:+:10564814-10564861;2R:+:10564814-10564861;2R:+:10564814-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_51777	LAMVEADLERAEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	73	7.48E-07	1	1647.803	1.3	Visceras	2R:+:10570533-10570574;2R:+:10570533-10570574;2R:+:10570533-10570574	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_52582	LAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	59	1.96E-05	2	1146.583	0.24	Pupa	2R:+:10570533-10570562;2R:+:10570533-10570562;2R:+:10570533-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_60127	EEEYKNQIK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	52	9.47E-05	1	1180.584	-0.28	Male reproductive organs	2R:+:10574075-10574101;2R:+:10574075-10574101;2R:+:10574075-10574101	exon=> In CDS Exon 6 of transcript AGAP001797-PE;exon=> In CDS Exon 6 of transcript AGAP001797-PD;exon=> In CDS Exon 6 of transcript AGAP001797-PA
JHU_Ag_62313	KVLENR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	41	0.001629845	2	758.451	-1.21	Ovary	2R:+:10564796-10564813;2R:+:10564796-10564813;2R:+:10564796-10564813	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_63574	MDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M1(Oxidation)	54	7.19E-05	2	1077.523	-1.89	Pupa	2R:+:10564835-10564861;2R:+:10564835-10564861;2R:+:10564835-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_65368	LSEASAAADESERAR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	96	4.34E-09	1	1562.745	2.61	Malpighian tubule	2R:+:10563117-10563154,10564789-10564795;2R:+:10563117-10563154,10564789-10564795;2R:+:10563117-10563154,10564789-10564795	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_65438	ALADEERMDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M8(Oxidation)	106	4.94E-10	1	1861.900	1.82	Ovary	2R:+:10564814-10564861;2R:+:10564814-10564861;2R:+:10564814-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_65455	KLAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M4(Oxidation)	39	0.002124214	2	1290.673	0.18	Head	2R:+:10570530-10570562;2R:+:10570530-10570562;2R:+:10570530-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA

JHU_Ag_66255	KLAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M4(Oxidation)	95	4.93E-09	1	1274.679	1.46	Visceras	2R:+:10570530-10570562;2R:+:10570530-10570562;2R:+:10570530-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_69463	ALADEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	43	0.000845804	1	803.390	0.34	Visceras	2R:+:10564814-10564834;2R:+:10564814-10564834;2R:+:10564814-10564834	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_81250	MDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M1(Oxidation)	67	4.00E-06	2	1077.524	-0.42	Visceras	2R:+:10564835-10564861;2R:+:10564835-10564861;2R:+:10564835-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_82240	KYDEVAR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	51	0.000126802	2	880.448	-4.88	Head	2R:+:10564895-10564906,10570521-10570529;2R:+:10564895-10564906,10570521-10570529;2R:+:10564895-10564906,10570521-10570529	exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PE;exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PA
JHU_Ag_84592	LSEASAAADESERAR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	68	2.47E-06	1	1562.741	0.07	Pupa	2R:+:10563117-10563154,10564789-10564795;2R:+:10563117-10563154,10564789-10564795;2R:+:10563117-10563154,10564789-10564795	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_87999	ANQREEEYK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	Q3(Deamidated)	40	0.00105727	1	1166.543	-0.48	Head	2R:+:10574063-10574089;2R:+:10574063-10574089;2R:+:10574063-10574089	exon=> In CDS Exon 6 of transcript AGAP001797-PE;exon=> In CDS Exon 6 of transcript AGAP001797-PD;exon=> In CDS Exon 6 of transcript AGAP001797-PA
JHU_Ag_88295	KVLENR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	37	0.002758103	2	758.453	1.69	Visceras	2R:+:10564796-10564813;2R:+:10564796-10564813;2R:+:10564796-10564813	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_88625	MDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M1(Oxidation)	57	3.25E-05	2	1077.524	-0.42	Male reproductive organs	2R:+:10564835-10564861;2R:+:10564835-10564861;2R:+:10564835-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA

JHU_Ag_89497	MDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M1(Oxidation)	54	7.30E-05	2	1077.524	-0.76	Head	2R:+:10564835-10564861;2R:+:10564835-10564861;2R:+:10564835-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_89560	ALADEERMDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M8(Oxidation)	94	7.18E-09	1	1861.896	-0.04	Male reproductive organs	2R:+:10564814-10564861;2R:+:10564814-10564861;2R:+:10564814-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_90470	SLEVSEEKANQR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	92	1.13E-08	1	1389.700	1.96	Head	2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074;2R:+:10572974-10572997,10574063-10574074	exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP001797-PA
JHU_Ag_92648	LAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	68	3.14E-06	2	1162.573	-3.89	Midgut	2R:+:10570533-10570562;2R:+:10570533-10570562;2R:+:10570533-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_94449	ALADEERMDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M8(Oxidation)	98	2.69E-09	1	1861.901	2.45	Malpighian tubule	2R:+:10564814-10564861;2R:+:10564814-10564861;2R:+:10564814-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_98337	LAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	81	1.25E-07	2	1146.583	0.35	Head	2R:+:10570533-10570562;2R:+:10570533-10570562;2R:+:10570533-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_101605	LAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	79	2.02E-07	1	1162.577	-0.64	Male reproductive organs	2R:+:10570533-10570562;2R:+:10570533-10570562;2R:+:10570533-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_108273	KYDEVAR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	44	0.000679198	2	880.452	0.11	Ovary	2R:+:10564895-10564906,10570521-10570529;2R:+:10564895-10564906,10570521-10570529;2R:+:10564895-10564906,10570521-10570529	exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PE;exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PA

JHU_Ag_109223	EEEYKNQIK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	53	9.00E-05	1	1180.584	-0.17	Visceras	2R:+:10574075-10574101;2R:+:10574075-10574101;2R:+:10574075-10574101	exon=> In CDS Exon 6 of transcript AGAP001797-PE;exon=> In CDS Exon 6 of transcript AGAP001797-PD;exon=> In CDS Exon 6 of transcript AGAP001797-PA
JHU_Ag_110034	LAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M3(Oxidation)	75	5.18E-07	2	1146.582	-0.4	Visceras	2R:+:10570533-10570562;2R:+:10570533-10570562;2R:+:10570533-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_111628	MDALENQLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	-	53	9.21E-05	1	1061.531	1.11	Malpighian tubule	2R:+:10564835-10564861;2R:+:10564835-10564861;2R:+:10564835-10564861	exon=> In CDS Exon 3 of transcript AGAP001797-PE;exon=> In CDS Exon 3 of transcript AGAP001797-PD;exon=> In CDS Exon 3 of transcript AGAP001797-PA
JHU_Ag_114805	KLAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M4(Oxidation)	86	4.86E-08	1	1290.669	-2.18	Pupa	2R:+:10570530-10570562;2R:+:10570530-10570562;2R:+:10570530-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_117775	KLAMVEADLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PA	M4(Oxidation)	87	3.27E-08	1	1290.673	0.66	Ovary	2R:+:10570530-10570562;2R:+:10570530-10570562;2R:+:10570530-10570562	exon=> In CDS Exon 4 of transcript AGAP001797-PE;exon=> In CDS Exon 4 of transcript AGAP001797-PD;exon=> In CDS Exon 4 of transcript AGAP001797-PA
JHU_Ag_51276	EAEARAEFAER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	38	0.002355637	1	1278.609	1.41	Malpighian tubule	2R:+:10574123-10574125,10578066-10578095;2R:+:10575126-10575128,10578066-10578095;2R:+:10575126-10575128,10578066-10578095;2R:+:10575126-10575128,10578066-10578095;2R:+:10574123-10574125,10578066-10578095	exon=> In CDS Exon 6 and 7 of transcript AGAP001797-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PD;exon=> In CDS Exon 6 and 7 of transcript AGAP001797-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP001797-PI;exon=> In CDS Exon 6 and 7 of transcript AGAP001797-PA

JHU_Ag_423	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	106	2.49E-10	2	1335.598	-2.93	Midgut	2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10564789-10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_2932	IQLLEEDLERSEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	51	0.000126952	1	1758.888	0.74	Pupa	2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_4662	SEERLASATAK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	48	0.000215213	1	1162.607	0.79	Malpighian tubule	2R:+:10563084-10563116;2R:+:10563084-10563116;2R:+:10563084-10563116;2R:+:10563084-10563116;2R:+:10563084-10563116;2R:+:10563084-10563116	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_12293	RIQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	Q3(Deamidated)	84	3.58E-08	1	1413.768	-0.86	Head	2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA

JHU_Ag_12739	IQLLEEDLERSEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	79	2.07E-07	1	1758.888	0.88	Visceras	2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_12890	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	85	3.86E-08	1	1257.667	-0.93	Ovary	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_13356	RIQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	64	4.22E-06	1	1413.768	-1.29	Midgut	2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_14105	IVELEEELRVVGNNLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	115	1.21E-11	1	1854.043	5.03	Malpighian tubule	2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_21199	AEFAER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	42	0.00100424	2	722.349	3.08	Malpighian tubule	2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095	exon=> In CDS Exon 7 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PD;exon=> In CDS Exon 7 of transcript AGAP001797-PF;exon=> In CDS Exon 7 of transcript AGAP001797-PC;exon=> In CDS Exon 7 of transcript AGAP001797-PI;exon=> In CDS Exon 7 of transcript AGAP001797-PA

JHU_Ag_26724	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	119	1.41E-11	1	1335.601	-1.29	Head	2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_28813	AEFAER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	39	0.001812664	1	722.347	0.8	Visceras	2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095	exon=> In CDS Exon 7 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PD;exon=> In CDS Exon 7 of transcript AGAP001797-PF;exon=> In CDS Exon 7 of transcript AGAP001797-PC;exon=> In CDS Exon 7 of transcript AGAP001797-PI;exon=> In CDS Exon 7 of transcript AGAP001797-PA
JHU_Ag_36924	IQLLEEDLERSEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	55	5.34E-05	1	1758.894	4.28	Ovary	2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA

JHU_Ag_37856	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	113	5.49E-11	1	1335.608	4.2	Larva	2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10564789;2R:+:10563117-10563562;2R:+:10563117-10563154,10564789;2R:+:10563117-10563562;2R:+:10563117-10563154,10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_40014	IVELEEELRVVGNNLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	90	4.83E-09	1	1854.033	0.15	Salivary gland	2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_40228	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	86	3.75E-08	1	1257.668	-0.25	Pupa	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_42483	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	77	2.87E-07	1	1257.669	0.04	Male reproductive organs	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA

JHU_Ag_43571	SLEVSEEK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	60	1.85E-05	1	920.458	0.51	Ovary	2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_45971	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	77	2.68E-07	1	1257.672	2.66	Malpighian tubule	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_49693	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	75	4.17E-07	1	1129.614	3.6	Male reproductive organs	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_52163	SLEVSEEK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	55	6.09E-05	2	920.458	1.3	Visceras	2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_52347	SLEVSEEK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	40	0.001841887	1	920.459	2.05	Malpighian tubule	2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA

JHU_Ag_57384	RIQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	76	2.77E-07	1	1413.769	-0.41	Malpighian tubule	2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_58040	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	92	7.88E-09	1	1257.670	1.01	Visceras	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_60606	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	119	1.60E-11	1	1335.603	0.63	Malpighian tubule	2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_61025	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	68	2.31E-06	2	1129.611	0.58	Pupa	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA

JHU_Ag_63007	IQLLEEDLERSEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	68	2.55E-06	1	1758.894	4.28	Malpighian tubule	2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_64560	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	119	1.57E-11	1	1335.603	0.82	Visceras	2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_65090	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	69	2.02E-06	1	1129.610	-0.18	Ovary	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_66057	RIQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	77	1.75E-07	1	1413.772	1.47	Male reproductive organs	2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA

JHU_Ag_68020	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	119	1.40E-11	1	1335.601	-1.19	Male reproductive organs	2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_68436	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	71	1.33E-06	2	1129.611	0.9	Visceras	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_68791	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	Q2(Deamidated)	86	3.53E-08	1	1257.671	1.6	Head	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_69662	SLEVSEEK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	52	0.000113614	2	920.456	-1.35	Head	2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA

JHU_Ag_70366	IVELEEELRVVGNNLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	90	3.96E-09	1	1854.037	2.13	Visceras	2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_72127	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	71	1.27E-06	1	1129.608	-2.12	Salivary gland	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_73676	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	71	7.91E-07	2	1335.598	-3.11	Salivary gland	2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10564789-10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_75167	RIQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	81	7.76E-08	1	1413.771	1.22	Visceras	2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA

JHU_Ag_75213	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	45	0.000432883	2	1257.671	2.18	Larva	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_79190	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	64	6.63E-06	2	1129.607	-2.77	Head	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_79435	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	119	1.57E-11	1	1335.604	1.36	Pupa	2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10564789-10564789;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10564789-10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_80562	SLEVSEEK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	48	0.000319347	1	920.457	0.26	Male reproductive organs	2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997;2R:+:10572974-10572997	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA

JHU_Ag_80871	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	64	5.76E-06	2	1129.609	-0.61	Malpighian tubule	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_81684	IQLLEEDLERSEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	80	1.52E-07	1	1758.893	3.31	Midgut	2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_86268	IVELEEELRVVGNNLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	35	0.001224798	3	1854.041	4.3	Head	2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA
JHU_Ag_88602	AEFAER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	37	0.003001355	2	722.348	0.97	Ovary	2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095;2R:+:10578078-10578095	exon=> In CDS Exon 7 of transcript AGAP001797-PE;exon=> In CDS Exon 8 of transcript AGAP001797-PD;exon=> In CDS Exon 7 of transcript AGAP001797-PF;exon=> In CDS Exon 7 of transcript AGAP001797-PC;exon=> In CDS Exon 7 of transcript AGAP001797-PI;exon=> In CDS Exon 7 of transcript AGAP001797-PA
JHU_Ag_90239	IVELEEELRVVGNNLK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	111	3.84E-11	1	1854.036	1.34	Pupa	2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973;2R:+:10572926-10572973	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA

JHU_Ag_94450	IQLLEEDLERSEER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	32	0.00953034	1	1758.883	-1.97	Head	2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095;2R:+:10563054-10563095	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_95540	LSEASAAADESER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	119	1.61E-11	1	1335.603	0.82	Ovary	2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10564789;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10563562;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10563562-10563562;2R:+:10563117-10563154,10564789	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PA
JHU_Ag_99204	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	84	5.88E-08	2	1257.665	-2.58	Midgut	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_101281	IVELEEELR	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	71	1.30E-06	1	1129.609	-1.26	Midgut	2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952;2R:+:10572926-10572952	exon=> In CDS Exon 5 of transcript AGAP001797-PE;exon=> In CDS Exon 5 of transcript AGAP001797-PD;exon=> In CDS Exon 5 of transcript AGAP001797-PF;exon=> In CDS Exon 5 of transcript AGAP001797-PC;exon=> In CDS Exon 5 of transcript AGAP001797-PI;exon=> In CDS Exon 5 of transcript AGAP001797-PA

JHU_Ag_103103	LASATAK	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	37	0.002233083	1	661.391	4.23	Head	2R:+:10563096-10563116;2R:+:10563096-10563116;2R:+:10563096-10563116;2R:+:10563096-10563116;2R:+:10563096-10563116	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_104096	IQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	66	3.48E-06	2	1257.669	0.34	Salivary gland	2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083;2R:+:10563054-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_113304	RIQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	75	2.80E-07	1	1413.770	0.49	Pupa	2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_113705	RIQLLEEDLER	AGAP001797-PE,AGAP001797-PD,AGAP001797-PF,AGAP001797-PC,AGAP001797-PI,AGAP001797-PA	-	75	3.18E-07	1	1413.768	-0.87	Ovary	2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083;2R:+:10563051-10563083	exon=> In CDS Exon 2 of transcript AGAP001797-PE;exon=> In CDS Exon 2 of transcript AGAP001797-PD;exon=> In CDS Exon 2 of transcript AGAP001797-PF;exon=> In CDS Exon 2 of transcript AGAP001797-PC;exon=> In CDS Exon 2 of transcript AGAP001797-PI;exon=> In CDS Exon 2 of transcript AGAP001797-PA
JHU_Ag_2596	LIAEEADKK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	55	5.28E-05	1	1016.563	0.95	Ovary	2R:+:10563644-10563670;2R:+:10563644-10563670;2R:+:10563644-10563670	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_7330	TNMEDDRVGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M3(Oxidation)	95	5.21E-09	1	2118.054	2.12	Head	2R:+:10563587-10563643;2R:+:10563587-10563643;2R:+:10563587-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI

JHU_Ag_12437	KLVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M5(Oxidation)	54	4.09E-05	2	1389.746	4.09	Head	2R:+:10572565-10572597;2R:+:10572565-10572597;2R:+:10572565-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_19811	LVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M4(Oxidation)	59	1.88E-05	2	1245.652	0.77	Pupa	2R:+:10572568-10572597;2R:+:10572568-10572597;2R:+:10572568-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_22171	TNMEDDRVGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M3(Oxidation)	96	4.11E-09	1	2118.052	1.26	Ovary	2R:+:10563587-10563643;2R:+:10563587-10563643;2R:+:10563587-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_27897	VGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	95	1.42E-09	1	1240.728	1.65	Pupa	2R:+:10563608-10563643;2R:+:10563608-10563643;2R:+:10563608-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_29881	KLVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M5(Oxidation)	72	8.11E-07	2	1389.742	1.01	Pupa	2R:+:10572565-10572597;2R:+:10572565-10572597;2R:+:10572565-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_38141	VGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	47	8.75E-05	2	1240.728	1.45	Male reproductive organs	2R:+:10563608-10563643;2R:+:10563608-10563643;2R:+:10563608-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_43431	LVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M4(Oxidation)	76	3.93E-07	1	1245.652	1.26	Head	2R:+:10572568-10572597;2R:+:10572568-10572597;2R:+:10572568-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_46882	VGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	85	1.54E-08	1	1240.728	1.55	Salivary gland	2R:+:10563608-10563643;2R:+:10563608-10563643;2R:+:10563608-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_47775	TNMEDDRVGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M3(Oxidation)	92	1.13E-08	1	2118.057	3.51	Malpighian tubule	2R:+:10563587-10563643;2R:+:10563587-10563643;2R:+:10563587-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_58207	KLVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M5(Oxidation)	83	6.87E-08	1	1389.743	1.36	Ovary	2R:+:10572565-10572597;2R:+:10572565-10572597;2R:+:10572565-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_59027	VGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	81	3.80E-08	1	1240.726	0.17	Ovary	2R:+:10563608-10563643;2R:+:10563608-10563643;2R:+:10563608-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI

JHU_Ag_61236	LVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M4(Oxidation)	76	4.81E-07	1	1261.645	-0.72	Ovary	2R:+:10572568-10572597;2R:+:10572568-10572597;2R:+:10572568-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_70559	KYEEVAR	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	36	0.003955211	2	894.463	-5.38	Head	2R:+:10563668-10563679,10572556-10572564;2R:+:10563668-10563679,10572556-10572564;2R:+:10563668-10563679,10572556-10572564	exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PF;exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP001797-PI
JHU_Ag_76065	KLVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M5(Oxidation)	88	1.88E-08	1	1389.744	2.15	Salivary gland	2R:+:10572565-10572597;2R:+:10572565-10572597;2R:+:10572565-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_84620	VGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	98	7.87E-10	1	1240.727	0.47	Head	2R:+:10563608-10563643;2R:+:10563608-10563643;2R:+:10563608-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_91416	VGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	97	8.89E-10	2	1240.725	-0.71	Malpighian tubule	2R:+:10563608-10563643;2R:+:10563608-10563643;2R:+:10563608-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_97593	TNMEDDRVGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M3(Oxidation)	95	5.56E-09	1	2118.053	1.52	Pupa	2R:+:10563587-10563643;2R:+:10563587-10563643;2R:+:10563587-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_99276	VGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	74	1.82E-07	1	1240.731	4.3	Midgut	2R:+:10563608-10563643;2R:+:10563608-10563643;2R:+:10563608-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_100336	KLVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	43	0.000740206	2	1373.747	0.61	Midgut	2R:+:10572565-10572597;2R:+:10572565-10572597;2R:+:10572565-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI
JHU_Ag_101507	TNMEDDRVGILEAQLAQAK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	M3(Oxidation)	88	2.84E-08	1	2118.052	0.91	Salivary gland	2R:+:10563587-10563643;2R:+:10563587-10563643;2R:+:10563587-10563643	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_102023	KLVLMEQDLER	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	64	5.29E-06	1	1373.751	4.02	Malpighian tubule	2R:+:10572565-10572597;2R:+:10572565-10572597;2R:+:10572565-10572597	exon=> In CDS Exon 4 of transcript AGAP001797-PF;exon=> In CDS Exon 4 of transcript AGAP001797-PC;exon=> In CDS Exon 4 of transcript AGAP001797-PI

JHU_Ag_105265	LIAEEADK	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	40	0.001946343	1	888.468	0.9	Head	2R:+:10563644-10563667;2R:+:10563644-10563667;2R:+:10563644-10563667	exon=> In CDS Exon 3 of transcript AGAP001797-PF;exon=> In CDS Exon 3 of transcript AGAP001797-PC;exon=> In CDS Exon 3 of transcript AGAP001797-PI
JHU_Ag_112546	LSEASAAADESERIR	AGAP001797-PF,AGAP001797-PC,AGAP001797-PI	-	92	8.85E-09	1	1604.791	2.19	Malpighian tubule	2R:+:10563117-10563154,10563562-10563568;2R:+:10563117-10563154,10563562-10563568	exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP001797-PI
JHU_Ag_307	MLQEEMEATLHDIQNM	AGAP001797-PF,AGAP001797-PI	M1(Oxidation), M6(Oxidation), M16(Oxidation)	99	5.09E-10	1	1980.837	1.25	Ovary	2R:+:10579061-10579108;2R:+:10579061-10579108	exon=> In CDS Exon 8 of transcript AGAP001797-PF;exon=> In CDS Exon 8 of transcript AGAP001797-PI
JHU_Ag_18684	MLQEEMEATLHDIQNM	AGAP001797-PF,AGAP001797-PI	M1(Oxidation), M6(Oxidation), M16(Oxidation),"M6(Oxidation), M16(Oxidation)"	61	4.94E-06	2	1964.843	1.53	Malpighian tubule	2R:+:10579061-10579108;2R:+:10579061-10579108	exon=> In CDS Exon 8 of transcript AGAP001797-PF;exon=> In CDS Exon 8 of transcript AGAP001797-PI
JHU_Ag_22156	EVDRLEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	90	1.39E-08	1	1588.781	0.02	Ovary	2R:+:10578117-10578135,10579029-10579048;2R:+:10578117-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI
JHU_Ag_42583	EVDRLEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	90	1.47E-08	1	1588.787	3.48	Head	2R:+:10578117-10578135,10579029-10579048;2R:+:10578117-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI
JHU_Ag_50653	EVDRLEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	100	1.44E-09	1	1588.786	3.01	Malpighian tubule	2R:+:10578117-10578135,10579029-10579048;2R:+:10578117-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI
JHU_Ag_55916	EVDRLEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	98	2.26E-09	1	1588.781	-0.37	Midgut	2R:+:10578117-10578135,10579029-10579048;2R:+:10578117-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI

JHU_Ag_76052	EVDRLEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	66	3.55E-06	1	1588.780	-0.67	Pupa	2R:+:10578117-10578135,10579029-10579048;2R:+:10578117-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI
JHU_Ag_80232	LEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	78	2.81E-07	2	1089.541	-0.91	Pupa	2R:+:10578129-10578135,10579029-10579048;2R:+:10578129-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI
JHU_Ag_99939	EVDRLEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	48	0.000240656	1	1588.783	1.32	Salivary gland	2R:+:10578117-10578135,10579029-10579048;2R:+:10578117-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI
JHU_Ag_114584	LEDDLTVER	AGAP001797-PF,AGAP001797-PI	-	78	2.84E-07	2	1089.542	0.1	Ovary	2R:+:10578129-10578135,10579029-10579048;2R:+:10578129-10578135,10579029-10579048	exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP001797-PI
JHU_Ag_21879	AICDDLDSTFAELTGY	AGAP001799-PA	C3(Carbamidomethyl)	72	6.96E-07	1	1790.787	4.49	Visceras	2R:+:10595016-10595063	exon=> In CDS Exon 4 of transcript AGAP001799-PA
JHU_Ag_64852	EVDRLEDK	AGAP001799-PA	-	44	0.000661474	1	1003.502	-3.87	Head	2R:+:10594211-10594229,10594984-10594988	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PA
JHU_Ag_14797	MDAIKK	AGAP001799-PA,AGAP001797-PE,AGAP001799-PB	N-Term(Acetyl)	38	0.003264 88	2	747.406	-1.25	Pupa	2R:+:10593313-10593330;2R:+:10545856-10545873;2R:+:10593313-10593330	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001797-PE;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_29264	MDAIK	AGAP001799-PA,AGAP001797-PE,AGAP001799-PB	N-Term(Acetyl)	41	0.001028513	1	619.315	4.13	Visceras	2R:+:10593313-10593327;2R:+:10545856-10545870;2R:+:10593313-10593327	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001797-PE;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_504	VQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	57	2.55E-05	2	1216.608	2.11	Malpighian tubule	2R:+:10593586-10593615;2R:+:10593586-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_888	DKLLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	103	3.51E-10	2	1702.939	3.11	Malpighian tubule	2R:+:10593535-10593582;2R:+:10593535-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_1629	SSAALSK	AGAP001799-PA,AGAP001799-PB	-	41	0.000659198	1	663.367	-0.13	Male reproductive organs	2R:+:10593628-10593648;2R:+:10593628-10593648	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_2076	SQQDEERMDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M8(Oxidation)	62	6.39E-06	1	1964.897	-0.42	Male reproductive organs	2R:+:10593777-10593824;2R:+:10593777-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB

JHU_Ag_2297	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	96	4.30E-09	1	1344.700	-0.36	Male reproductive organs	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_3581	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	71	1.62E-06	1	1164.583	1.45	Malpighian tubule	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_3589	VQQVEEDLEKSEER	AGAP001799-PA,AGAP001799-PB	-	84	6.46E-08	1	1717.824	-0.12	Malpighian tubule	2R:+:10593586-10593627;2R:+:10593586-10593627	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_4447	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	118	1.24E-11	1	1459.819	5.37	Larva	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_4857	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	-	43	0.000715918	2	1460.698	0.03	Salivary gland	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_9501	DNAQDKADTCENQAK	AGAP001799-PA,AGAP001799-PB	C10(Carbamidomethyl)	101	4.37E-10	1	1707.726	1.49	Visceras	2R:+:10593358-10593402;2R:+:10593358-10593402	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_10560	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	-	50	0.00016721	1	1375.684	1.91	Salivary gland	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_10628	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	62	9.80E-06	1	1382.704	1.5	Midgut	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_12373	ADTCENQAK	AGAP001799-PA,AGAP001799-PB	C4(Carbamidomethyl)	37	0.000667284	2	1036.436	-0.59	Midgut	2R:+:10593376-10593402;2R:+:10593376-10593402	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_12374	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	72	1.01E-06	1	1344.704	2.64	Larva	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_12500	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	62	8.47E-06	1	1382.703	0.41	Male reproductive organs	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_12695	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	78	2.46E-07	2	1344.702	1.1	Midgut	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_12762	SQQDEERMDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M8(Oxidation)	98	1.57E-09	1	1964.896	-0.79	Ovary	2R:+:10593777-10593824;2R:+:10593777-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_15555	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	117	2.85E-11	2	1762.901	8.82	Larva	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_16209	LAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	110	1.79E-10	2	1634.798	4.5	Malpighian tubule	2R:+:10593882-10593923;2R:+:10593882-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_16298	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	51	8.15E-05	2	1682.752	-1.04	Salivary gland	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB

JHU_Ag_16576	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	-	104	7.16E-10	1	1460.702	3.12	Larva	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_16672	VQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	66	2.94E-06	1	1216.605	-0.4	Head	2R:+:10593586-10593615;2R:+:10593586-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_17065	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	71	9.36E-07	1	1846.980	-1.56	Salivary gland	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_18443	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	83	5.39E-08	1	1846.981	-1.27	Midgut	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_21090	VQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	70	1.40E-06	1	1216.606	0.51	Ovary	2R:+:10593586-10593615;2R:+:10593586-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_21167	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	123	3.84E-12	1	1830.994	3.32	Pupa	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_22297	SQQDEERMDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M8(Oxidation)	85	3.52E-08	1	1964.898	-0.14	Head	2R:+:10593777-10593824;2R:+:10593777-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_22636	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	91	1.16E-08	1	1344.701	0.28	Pupa	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_23683	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M5(Oxidation)	111	1.27E-10	1	1462.749	2.36	Visceras	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_24167	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	123	5.23E-12	1	1846.987	1.81	Male reproductive organs	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_25798	IMELEEELK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	52	0.00010612	2	1149.572	1.39	Male reproductive organs	2R:+:10593945-10593971;2R:+:10593945-10593971	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_26444	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	79	2.25E-07	1	1164.583	1.13	Male reproductive organs	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB

JHU_Ag_26606	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	N10(Deamidated)	88	2.70E-08	1	1375.683	1.46	Pupa	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_26631	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	46	0.000393257	1	1382.708	4.12	Malpighian tubule	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_27127	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	130	1.71E-12	2	1762.884	-1.08	Midgut	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_27147	MDQLSNQLK	AGAP001799-PA,AGAP001799-PB	-	58	3.20E-05	2	1076.541	0.16	Visceras	2R:+:10593798-10593824;2R:+:10593798-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_27282	MLAEDADTK	AGAP001799-PA,AGAP001799-PB	-	61	1.02E-05	1	993.456	-0.05	Visceras	2R:+:10593834-10593860;2R:+:10593834-10593860	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_27402	SQQDEERMDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M8(Oxidation)	99	1.30E-09	1	1964.900	1.16	Visceras	2R:+:10593777-10593824;2R:+:10593777-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_27470	LAFVEDELEVAEDRVK	AGAP001799-PA,AGAP001799-PB	-	126	3.22E-12	1	1861.964	5.04	Malpighian tubule	2R:+:10593882-10593929;2R:+:10593882-10593929	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_29998	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	42	0.000904028	1	1382.710	5.64	Larva	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_30315	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	124	4.07E-12	1	1666.758	-0.8	Pupa	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_30780	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	38	0.003002705	2	1164.586	3.75	Larva	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_31022	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	109	1.09E-10	2	1459.808	-2.16	Midgut	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_31559	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	135	5.21E-13	1	1762.886	-0.05	Ovary	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_32002	VQQVEEDLEKSEER	AGAP001799-PA,AGAP001799-PB	-	121	1.37E-11	1	1717.825	0.52	Ovary	2R:+:10593586-10593627;2R:+:10593586-10593627	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_32605	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	83	8.67E-08	1	1164.582	0.5	Ovary	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_33056	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	149	1.92E-14	1	1762.889	1.55	Male reproductive organs	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_33215	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	91	1.40E-08	2	1344.701	0.1	Visceras	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_33257	LAFVEDELEVAEDRVK	AGAP001799-PA,AGAP001799-PB	-	105	4.09E-10	1	1861.960	3.14	Ovary	2R:+:10593882-10593929;2R:+:10593882-10593929	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB

JHU_Ag_33419	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	-	119	1.74E-11	1	1460.697	-0.73	Visceras	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_33595	LAFVEDELEVAEDRVK	AGAP001799-PA,AGAP001799-PB	-	117	2.85E-11	1	1861.955	0.25	Male reproductive organs	2R:+:10593882-10593929;2R:+:10593882-10593929	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_33868	MDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	57	3.74E-05	2	1076.539	-1.76	Head	2R:+:10593798-10593824;2R:+:10593798-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_35254	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	113	7.04E-11	2	1762.891	3.07	Head	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_35409	SLEVSEDK	AGAP001799-PA,AGAP001799-PB	-	42	0.000879552	2	906.442	0.88	Ovary	2R:+:10594073-10594096;2R:+:10594073-10594096	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_36067	SQQDEERMDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M8(Oxidation)	91	1.01E-08	1	1948.900	-1.78	Malpighian tubule	2R:+:10593777-10593824;2R:+:10593777-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_37307	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	90	1.38E-08	2	1344.703	2	Ovary	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_39160	LAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	125	5.68E-12	2	1634.795	2.34	Visceras	2R:+:10593882-10593923;2R:+:10593882-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_41318	MLAEDADTK	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	64	5.56E-06	2	993.454	-1.42	Head	2R:+:10593834-10593860;2R:+:10593834-10593860	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_43199	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	142	1.08E-13	1	1762.893	4.25	Malpighian tubule	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_43482	LAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	129	2.11E-12	1	1634.793	1.07	Head	2R:+:10593882-10593923;2R:+:10593882-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_43581	VQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	74	4.56E-07	1	1216.604	-1.2	Male reproductive organs	2R:+:10593586-10593615;2R:+:10593586-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_45261	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	94	6.41E-09	1	1164.583	0.71	Visceras	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_46691	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	112	5.81E-11	1	1846.989	3	Head	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_46774	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	-	83	9.33E-08	1	1375.687	3.95	Male reproductive organs	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_47847	LEQVTQDHEKFK	AGAP001799-PA,AGAP001799-PB	-	101	1.24E-09	1	1501.766	0.64	Visceras	2R:+:10593460-10593495;2R:+:10593460-10593495	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB

JHU_Ag_48387	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	118	1.27E-11	1	1459.814	1.94	Visceras	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_48587	ASLEQATK	AGAP001799-PA,AGAP001799-PB	-	73	9.88E-07	2	847.453	1.01	Malpighian tubule	2R:+:10593496-10593519;2R:+:10593496-10593519	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_49102	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	128	1.53E-12	1	1682.754	0.34	Head	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_50123	DKLLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	104	2.46E-10	2	1702.942	4.9	Visceras	2R:+:10593535-10593582;2R:+:10593535-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_50466	MDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	50	0.000201512	1	1076.540	-0.06	Pupa	2R:+:10593798-10593824;2R:+:10593798-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_50851	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	68	2.12E-06	1	1382.704	1.41	Ovary	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_51088	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	-	49	0.000146673	1	1666.756	-1.69	Midgut	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_51702	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	-	39	0.001781771	2	1462.750	2.53	Pupa	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_52682	MDQLSNQLKEAR	AGAP001799-PA,AGAP001799-PB	-	49	0.000214624	2	1432.728	4.94	Malpighian tubule	2R:+:10593798-10593833;2R:+:10593798-10593833	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_54763	LAFVEDELEVAEDRVK	AGAP001799-PA,AGAP001799-PB	-	53	7.08E-05	1	1861.958	2.24	Pupa	2R:+:10593882-10593929;2R:+:10593882-10593929	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_55754	MLAEDADTK	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	40	0.000807686	2	1009.452	0.98	Ovary	2R:+:10593834-10593860;2R:+:10593834-10593860	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_55894	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M5(Oxidation)	104	6.89E-10	1	1478.742	0.82	Head	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_56842	SQQDEERMDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M8(Oxidation)	61	9.43E-06	1	1964.896	-1.07	Pupa	2R:+:10593777-10593824;2R:+:10593777-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_57506	SLEVSEDK	AGAP001799-PA,AGAP001799-PB	-	47	0.000337951	1	906.441	-1.01	Head	2R:+:10594073-10594096;2R:+:10594073-10594096	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_57889	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	125	3.48E-12	1	1682.756	1.43	Ovary	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_58495	LLEATQSADENNRMCK	AGAP001799-PA,AGAP001799-PB	C15(Carbamidomethyl)	78	2.28E-07	2	1879.866	1.07	Malpighian tubule	2R:+:10593649-10593686,10593752-10593761;2R:+:10593649-10593686,10593752-10593761	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_58975	MDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	49	0.000224122	2	1092.538	1.91	Male reproductive organs	2R:+:10593798-10593824;2R:+:10593798-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB

JHU_Ag_59428	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M5(Oxidation)	100	1.65E-09	1	1478.739	-0.91	Midgut	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_60584	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	119	1.50E-11	1	1666.762	1.98	Malpighian tubule	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_60694	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	149	1.84E-14	1	1762.891	2.65	Pupa	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_61536	SDEVSRK	AGAP001799-PA,AGAP001799-PB	-	38	0.002612023	1	820.417	0.94	Head	2R:+:10593861-10593881;2R:+:10593861-10593881	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_63897	LAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	121	1.24E-11	1	1634.798	4.28	Male reproductive organs	2R:+:10593882-10593923;2R:+:10593882-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_64279	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	-	112	9.55E-11	2	1460.697	-0.22	Male reproductive organs	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_64521	SSAALSK	AGAP001799-PA,AGAP001799-PB	-	36	0.002003871	1	663.369	1.99	Visceras	2R:+:10593628-10593648;2R:+:10593628-10593648	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_65415	ASLEQATK	AGAP001799-PA,AGAP001799-PB	-	57	4.23E-05	2	847.453	0.94	Ovary	2R:+:10593496-10593519;2R:+:10593496-10593519	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_65491	ASLEQATK	AGAP001799-PA,AGAP001799-PB	-	65	5.86E-06	2	847.453	0.87	Visceras	2R:+:10593496-10593519;2R:+:10593496-10593519	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_65740	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	114	4.15E-11	1	1459.811	-0.57	Ovary	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_66549	DKLLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	133	3.99E-13	1	1702.934	0.46	Head	2R:+:10593535-10593582;2R:+:10593535-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_66883	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	70	1.77E-06	1	1164.578	-2.85	Midgut	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_68511	VQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	83	5.92E-08	1	1216.606	0.41	Visceras	2R:+:10593586-10593615;2R:+:10593586-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_68612	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	63	8.31E-06	2	1148.588	1.08	Pupa	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_69219	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M5(Oxidation)	81	1.30E-07	1	1478.742	0.63	Ovary	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_69242	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	N11(Deamidated)	125	4.70E-12	1	1460.696	-1.39	Pupa	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB

JHU_Ag_69306	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	103	4.98E-10	1	1846.990	3.47	Larva	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_69593	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	N11(Deamidated)	102	9.67E-10	1	1460.697	-0.64	Midgut	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_69893	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	115	2.76E-11	1	1459.813	0.85	Pupa	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_71074	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	71	9.53E-07	1	1846.978	-2.55	Ovary	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_72169	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	-	70	1.94E-06	2	1375.687	3.95	Larva	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_73667	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	Q4(Deamidated),Q7(Deamidated)	74	5.80E-07	1	1382.698	-3.09	Head	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_73844	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	142	4.89E-14	1	1830.994	3.19	Visceras	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_74007	LAFVEDELEVAEDRVK	AGAP001799-PA,AGAP001799-PB	-	138	2.29E-13	1	1861.961	3.4	Visceras	2R:+:10593882-10593929;2R:+:10593882-10593929	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_74106	ASLEQATK	AGAP001799-PA,AGAP001799-PB	-	70	1.67E-06	2	847.451	-0.93	Head	2R:+:10593496-10593519;2R:+:10593496-10593519	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_74167	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	92	5.22E-09	2	1459.815	2.27	Salivary gland	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_75051	SLEVSEDK	AGAP001799-PA,AGAP001799-PB	-	64	5.52E-06	1	906.442	0.54	Visceras	2R:+:10594073-10594096;2R:+:10594073-10594096	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_75692	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	N12(Deamidated),N11(Deamidated)	114	5.65E-11	1	1460.699	0.86	Malpighian tubule	2R:+:10593649-10593686,10593752-10593752;2R:+:10593649-10593686,10593752-10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB

JHU_Ag_76084	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	46	0.000312521	1	1382.702	-0.25	Pupa	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_76556	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	-	114	5.25E-11	1	1460.697	-0.73	Ovary	2R:+:10593649-10593686,10593752;2R:+:10593649-10593686,10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_76774	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	118	1.26E-11	1	1459.813	0.93	Male reproductive organs	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_79324	LLEATQSADENNR	AGAP001799-PA,AGAP001799-PB	Q6(Deamidated),N11(Deamidated)	115	4.82E-11	1	1460.697	-0.73	Head	2R:+:10593649-10593686,10593752;2R:+:10593649-10593686,10593752	exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP001799-PB
JHU_Ag_79956	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	96	4.40E-09	1	1344.700	-0.81	Head	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_81645	LAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	124	7.01E-12	2	1634.793	1.37	Pupa	2R:+:10593882-10593923;2R:+:10593882-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_81880	LAFVEDELEVAEDRVK	AGAP001799-PA,AGAP001799-PB	-	137	2.44E-13	1	1861.955	0.45	Midgut	2R:+:10593882-10593929;2R:+:10593882-10593929	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_82209	LAFVEDELEVAEDRVK	AGAP001799-PA,AGAP001799-PB	-	95	4.69E-09	1	1861.964	5.17	Head	2R:+:10593882-10593929;2R:+:10593882-10593929	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_82361	KLAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	137	3.44E-13	2	1762.888	1.13	Visceras	2R:+:10593879-10593923;2R:+:10593879-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_82521	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	140	1.23E-13	1	1682.758	2.23	Visceras	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_83745	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	-	88	2.77E-08	1	1375.682	0.31	Ovary	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_84175	DKLLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	77	1.59E-07	1	1702.933	-0.27	Male reproductive organs	2R:+:10593535-10593582;2R:+:10593535-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_85349	IMELEEELK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	62	1.46E-05	2	1149.574	2.45	Visceras	2R:+:10593945-10593971;2R:+:10593945-10593971	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_85493	LAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	136	3.95E-13	1	1634.791	0.32	Ovary	2R:+:10593882-10593923;2R:+:10593882-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_86153	IMELEEELK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	49	0.000287025	2	1149.573	1.82	Head	2R:+:10593945-10593971;2R:+:10593945-10593971	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_88020	IMEEVADLTKR	AGAP001799-PA,AGAP001799-PB	-	84	6.58E-08	1	1304.690	1.66	Visceras	2R:+:10593427-10593459;2R:+:10593427-10593459	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB

JHU_Ag_88319	SSAALSK	AGAP001799-PA,AGAP001799-PB	-	36	0.002001272	1	663.367	0.42	Midgut	2R:+:10593628-10593648;2R:+:10593628-10593648	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_89276	LEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	77	2.47E-07	1	1226.600	-0.86	Male reproductive organs	2R:+:10593460-10593489;2R:+:10593460-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_90143	KVQQVEEDLEK	AGAP001799-PA,AGAP001799-PB	-	87	2.93E-08	1	1344.703	1.73	Malpighian tubule	2R:+:10593583-10593615;2R:+:10593583-10593615	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_90164	MDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	36	0.004141579	2	1092.533	-2	Midgut	2R:+:10593798-10593824;2R:+:10593798-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_93286	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	-	46	0.000466844	2	1375.690	6.61	Malpighian tubule	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_93500	IMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	67	3.66E-06	1	1164.582	0.08	Head	2R:+:10593427-10593456;2R:+:10593427-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_93765	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M5(Oxidation)	115	4.62E-11	1	1462.753	4.86	Malpighian tubule	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_96924	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	-	72	1.15E-06	1	1375.684	2.26	Head	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_97332	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	N8(Deamidated)	118	1.22E-11	1	1459.814	1.77	Head	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_97408	IMELEEELKVVGNSLK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	123	3.64E-12	1	1830.996	4.19	Malpighian tubule	2R:+:10593945-10593971,10594052-10594072;2R:+:10593945-10593971,10594052-10594072	exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001799-PB
JHU_Ag_97889	DSEEKDK	AGAP001799-PA,AGAP001799-PB	-	35	0.002873565	2	850.381	2.35	Visceras	2R:+:10593520-10593540;2R:+:10593520-10593540	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_100161	MDQLSNQLK	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	66	3.89E-06	2	1092.534	-1.11	Ovary	2R:+:10593798-10593824;2R:+:10593798-10593824	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_101332	MLAEDADTKSDEVSR	AGAP001799-PA,AGAP001799-PB	M1(Oxidation)	107	2.42E-10	1	1682.757	1.79	Male reproductive organs	2R:+:10593834-10593878;2R:+:10593834-10593878	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_102001	IMELEEELK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	61	1.32E-05	1	1149.568	-2.22	Midgut	2R:+:10593945-10593971;2R:+:10593945-10593971	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_104133	ASLEQATK	AGAP001799-PA,AGAP001799-PB	-	65	5.33E-06	2	847.454	2.23	Male reproductive organs	2R:+:10593496-10593519;2R:+:10593496-10593519	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_105593	RLEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	74	6.16E-07	1	1382.705	2.03	Visceras	2R:+:10593457-10593489;2R:+:10593457-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_106152	VQQVEEDLEKSEER	AGAP001799-PA,AGAP001799-PB	-	112	1.01E-10	1	1717.826	1.09	Visceras	2R:+:10593586-10593627;2R:+:10593586-10593627	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB

JHU_Ag_106310	FKASLEQATK	AGAP001799-PA,AGAP001799-PB	-	66	2.06E-06	1	1122.615	-0.54	Visceras	2R:+:10593490-10593519;2R:+:10593490-10593519	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_107147	LLTSTEANVAALTR	AGAP001799-PA,AGAP001799-PB	-	102	4.90E-10	2	1459.815	2.27	Malpighian tubule	2R:+:10593541-10593582;2R:+:10593541-10593582	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_111505	IMELEEELK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	57	3.90E-05	2	1149.571	0.12	Pupa	2R:+:10593945-10593971;2R:+:10593945-10593971	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_113126	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M5(Oxidation)	113	8.97E-11	1	1478.744	2.14	Male reproductive organs	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_113250	LEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	83	5.31E-08	1	1226.601	-0.16	Visceras	2R:+:10593460-10593489;2R:+:10593460-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_113654	IMELEEELK	AGAP001799-PA,AGAP001799-PB	M2(Oxidation)	60	1.86E-05	1	1149.570	-0.84	Ovary	2R:+:10593945-10593971;2R:+:10593945-10593971	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_115316	LEQVTQDHEK	AGAP001799-PA,AGAP001799-PB	-	48	0.000195381	2	1226.604	2.12	Head	2R:+:10593460-10593489;2R:+:10593460-10593489	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_115715	LAFVEDELEVAEDR	AGAP001799-PA,AGAP001799-PB	-	111	1.36E-10	2	1634.795	2.71	Midgut	2R:+:10593882-10593923;2R:+:10593882-10593923	exon=> In CDS Exon 2 of transcript AGAP001799-PA;exon=> In CDS Exon 2 of transcript AGAP001799-PB
JHU_Ag_115818	ADKIMEEVADLTK	AGAP001799-PA,AGAP001799-PB	M5(Oxidation)	50	0.000160439	2	1478.744	2.39	Larva	2R:+:10593418-10593456;2R:+:10593418-10593456	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_115962	DNAQDKADTCENQAK	AGAP001799-PA,AGAP001799-PB	C10(Carbamidomethyl)	59	9.12E-06	1	1707.730	3.66	Malpighian tubule	2R:+:10593358-10593402;2R:+:10593358-10593402	exon=> In CDS Exon 1 of transcript AGAP001799-PA;exon=> In CDS Exon 1 of transcript AGAP001799-PB
JHU_Ag_116401	SLEVSEDKANQR	AGAP001799-PA,AGAP001799-PB	-	75	5.58E-07	2	1375.685	2.44	Visceras	2R:+:10594073-10594108;2R:+:10594073-10594108	exon=> In CDS Exon 3 of transcript AGAP001799-PA;exon=> In CDS Exon 3 of transcript AGAP001799-PB
JHU_Ag_9143	SLADEMDSTFAELAGY	AGAP001799-PB	M6(Oxidation)	85	1.47E-08	2	1735.739	1.51	Male reproductive organs	2R:+:10596672-10596719	exon=> In CDS Exon 4 of transcript AGAP001799-PB
JHU_Ag_10214	EVDRLEDELGVNK	AGAP001799-PB	-	85	5.19E-08	1	1515.766	0.92	Malpighian tubule	2R:+:10594211-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_20431	EVDRLEDELGVNK	AGAP001799-PB	-	87	2.71E-08	1	1515.763	-1.5	Ovary	2R:+:10594211-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_29824	LEDELGVNK	AGAP001799-PB	-	39	0.001823799	1	1016.527	1.46	Head	2R:+:10594223-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_40394	LEDELGVNKDR	AGAP001799-PB	-	76	3.36E-07	1	1287.657	2.36	Male reproductive organs	2R:+:10594223-10594229,10596640-10596665	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_63841	EVDRLEDELGVNK	AGAP001799-PB	-	103	8.81E-10	1	1515.762	-1.98	Midgut	2R:+:10594211-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_65988	LEDELGVNK	AGAP001799-PB	-	64	7.06E-06	2	1016.524	-1.5	Ovary	2R:+:10594223-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_70729	LEDELGVNKDR	AGAP001799-PB	-	80	1.43E-07	1	1287.654	0.08	Head	2R:+:10594223-10594229,10596640-10596665	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB

JHU_Ag_91498	EVDRLEDELGVNK	AGAP001799-PB	-	94	6.04E-09	1	1515.766	0.44	Visceras	2R:+:10594211-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_92671	SLADEMDSTFAELAGY	AGAP001799-PB	M6(Oxidation)	86	1.12E-08	2	1735.735	-1.02	Ovary	2R:+:10596672-10596719	exon=> In CDS Exon 4 of transcript AGAP001799-PB
JHU_Ag_99473	EVDRLEDELGVNK	AGAP001799-PB	-	88	2.16E-08	1	1515.765	-0.13	Male reproductive organs	2R:+:10594211-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_107423	EVDRLEDELGVNK	AGAP001799-PB	N12(Deamidated)	92	1.01E-08	1	1515.769	2.53	Head	2R:+:10594211-10594229,10596640-10596659	exon=> In CDS Exon 3 and 4 of transcript AGAP001799-PB
JHU_Ag_57275	SALVVSVVR	AGAP001800-PA,AGAP001800-PB	-	38	0.001049178	2	929.580	2.34	Head	2R:+:10604734-10604760;2R:+:10604734-10604760	exon=> In CDS Exon 2 of transcript AGAP001800-PA;exon=> In CDS Exon 2 of transcript AGAP001800-PB
JHU_Ag_90220	AGHEASSLPFQPPRPPK	AGAP001800-PA,AGAP001800-PB	-	59	1.59E-05	2	1815.956	3.49	Head	2R:+:10604320-10604370;2R:+:10604320-10604370	exon=> In CDS Exon 2 of transcript AGAP001800-PA;exon=> In CDS Exon 2 of transcript AGAP001800-PB
JHU_Ag_93467	LTVVLLK	AGAP001800-PA,AGAP001800-PB	-	39	2.53E-05	2	785.551	2.34	Head	2R:+:10605799-10605819;2R:+:10605799-10605819	exon=> In CDS Exon 3 of transcript AGAP001800-PA;exon=> In CDS Exon 3 of transcript AGAP001800-PB
JHU_Ag_923	LKEQEGLPAIAGALADGFQNR	AGAP001802-PB	-	51	7.35E-05	1	2198.160	1.36	Ovary	2R:+:10613169-10613231	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_5267	TLHNNATDVSPLQIFVR	AGAP001802-PB	-	34	0.003684015	1	1925.026	0.86	Ovary	2R:+:10611702-10611752	exon=> In CDS Exon 1 of transcript AGAP001802-PB
JHU_Ag_9468	YFEFQDFER	AGAP001802-PB	-	39	0.000987459	2	1280.558	-0.57	Visceras	2R:+:10613232-10613258	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_36374	MSAQQHQVVVR	AGAP001802-PB	-	42	0.00081017	1	1282.671	2.21	Malpighian tubule	2R:+:10613757-10613789	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_42925	YFEFQDFER	AGAP001802-PB	-	46	0.000229623	1	1280.559	0.48	Ovary	2R:+:10613232-10613258	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_65967	ALNEEIWR	AGAP001802-PB	N3(Deamidated)	42	0.001027369	2	1031.501	-14.33	Pupa	2R:+:10613526-10613549	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_72292	EINAHVENGLGSNLR	AGAP001802-PB	-	80	1.61E-07	1	1622.833	5.45	Malpighian tubule	2R:+:10613622-10613666	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_87190	EINAHVENGLGSNLRAR	AGAP001802-PB	-	42	0.000706672	1	1849.972	5.07	Malpighian tubule	2R:+:10613622-10613672	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_87195	TLHNNATDVSPLQIFVR	AGAP001802-PB	-	78	1.61E-07	2	1925.029	2.83	Malpighian tubule	2R:+:10611702-10611752	exon=> In CDS Exon 1 of transcript AGAP001802-PB
JHU_Ag_102234	IASTETSLMQVTR	AGAP001802-PB	M9(Oxidation)	72	9.17E-07	2	1452.742	3.64	Malpighian tubule	2R:+:10613430-10613468	exon=> In CDS Exon 5 of transcript AGAP001802-PB
JHU_Ag_104467	LIVDLTSANCSHQVQQELSSTFAR	AGAP001802-PB	C10(Carbamidomethyl)	44	0.000633633	1	2704.343	2.4	Ovary	2R:+:10614431-10614477,10614554-10614578	exon=> In CDS Exon 7 and 8 of transcript AGAP001802-PB
JHU_Ag_976	AAYSFYNVSTR	AGAP001804-PA	-	44	0.000679026	2	1278.615	2.98	Malpighian tubule	2R:+:10619808-10619840	exon=> In CDS Exon 2 of transcript AGAP001804-PA
JHU_Ag_3288	ALASETAPAATTATGSGEVSK	AGAP001804-PA	-	79	2.11E-07	1	1919.958	1.08	Ovary	2R:+:10618326-10618388	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_10852	LVGFISAIPGTLNVHR	AGAP001804-PA	-	69	3.80E-07	1	1693.972	-1.58	Ovary	2R:+:10619139-10619186	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_11548	LVGFISAIPGTLNVHR	AGAP001804-PA	-	37	0.000559558	1	1693.969	-3.2	Visceras	2R:+:10619139-10619186	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_16856	FGIGDGNLQYYLYNWR	AGAP001804-PA	-	58	2.26E-05	2	1978.946	0.66	Ovary	2R:+:10619955-10620002	exon=> In CDS Exon 2 of transcript AGAP001804-PA
JHU_Ag_19161	FWSTQPVPR	AGAP001804-PA	-	51	0.000143284	2	1117.579	0.29	Ovary	2R:+:10618824-10618850	exon=> In CDS Exon 1 of transcript AGAP001804-PA

JHU_Ag_20107	ILANEPIEEDKPISEIR	AGAP001804-PA	-	32	0.006250 91	3	1966.047	-1.07	Head	2R:+:10618863-10618913	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_25631	AAYSFYNVSTR	AGAP001804-PA	-	69	1.80E-06	2	1278.613	1.07	Pupa	2R:+:10619808-10619840	exon=> In CDS Exon 2 of transcript AGAP001804-PA
JHU_Ag_36140	LLESYLQR	AGAP001804-PA	-	40	0.000982 176	2	1021.569	1.47	Midgut	2R:+:10619604-10619627	exon=> In CDS Exon 2 of transcript AGAP001804-PA
JHU_Ag_39573	LVGFISAIPGTLNVHR	AGAP001804-PA	-	48	4.38E-05	1	1693.974	-0.72	Pupa	2R:+:10619139-10619186	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_40957	LVGFISAIPGTLNVHR	AGAP001804-PA	-	34	0.001013 549	1	1693.970	-2.66	Midgut	2R:+:10619139-10619186	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_43744	LLESYLQR	AGAP001804-PA	-	52	6.53E-05	2	1021.567	-0.5	Ovary	2R:+:10619604-10619627	exon=> In CDS Exon 2 of transcript AGAP001804-PA
JHU_Ag_48855	ILANEPIEEDKPISEIR	AGAP001804-PA	-	103	4.34E-10	1	1966.046	-1.87	Midgut	2R:+:10618863-10618913	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_57358	AAYSFYNVSTR	AGAP001804-PA	-	59	2.11E-05	1	1278.612	0.5	Ovary	2R:+:10619808-10619840	exon=> In CDS Exon 2 of transcript AGAP001804-PA
JHU_Ag_59876	ILANEPIEEDKPISEIR	AGAP001804-PA	-	47	0.000163 111	1	1966.053	2.01	Malpighian tubule	2R:+:10618863-10618913	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_70832	SDETGKALASETAPAATTATGSGEVSK	AGAP001804-PA	N-Term(Acetyl)	64	5.20E-06	2	2579.240	3.02	Malpighian tubule	2R:+:10618308-10618388	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_71455	ILANEPIEEDKPISEIR	AGAP001804-PA	-	108	1.47E-10	1	1966.049	-0.32	Ovary	2R:+:10618863-10618913	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_73686	ILANEPIEEDKPISEIR	AGAP001804-PA	-	53	4.79E-05	1	1966.051	0.98	Visceras	2R:+:10618863-10618913	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_77728	LVGFISAIPGTLNVHR	AGAP001804-PA	-	66	5.44E-07	1	1693.974	-0.61	Head	2R:+:10619139-10619186	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_106616	AAYSFYNVSTR	AGAP001804-PA	-	45	0.000509 127	2	1278.611	0.02	Salivary gland	2R:+:10619808-10619840	exon=> In CDS Exon 2 of transcript AGAP001804-PA
JHU_Ag_114773	ALASETAPAATTATGSGEVSK	AGAP001804-PA	-	113	8.31E-11	1	1919.958	1.4	Head	2R:+:10618326-10618388	exon=> In CDS Exon 1 of transcript AGAP001804-PA
JHU_Ag_101	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	70	1.12E-06	1	1516.818	1.1	Pupa	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_352	TWFNQPAR	AGAP001805-PA	-	38	0.002759 42	1	1019.506	0.56	Midgut	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_765	GFTLAELK	AGAP001805-PA	-	51	7.72E-05	2	878.499	0.46	Ovary	2R:-:10622613-10622590	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_3049	FNAFQALR	AGAP001805-PA	-	64	3.12E-06	2	966.518	2.71	Visceras	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_3249	VTLEPITEAQKK	AGAP001805-PA	-	81	6.06E-08	1	1356.774	0.26	Visceras	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_3633	GFTLAELK	AGAP001805-PA	-	44	0.000378 709	2	878.501	3.1	Visceras	2R:-:10622613-10622590	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_4271	FAQTIGIAVDPR	AGAP001805-PA	-	88	2.15E-08	1	1287.706	0.46	Midgut	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_4748	VTLEPITEAQKK	AGAP001805-PA	-	75	2.37E-07	1	1356.773	-0.28	Midgut	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_8450	LILFPIHR	AGAP001805-PA	-	45	5.65E-06	1	1008.636	0.38	Visceras	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_12934	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	67	2.02E-06	1	1516.821	3.11	Head	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_13426	FAQTIGIAVDPR	AGAP001805-PA	-	55	3.79E-05	1	1287.705	-0.2	Salivary gland	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_15509	LILFPIHR	AGAP001805-PA	-	41	4.48E-05	1	1008.635	-0.34	Midgut	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA

JHU_Ag_15948	DAAENENNQPGAGK	AGAP001805-PA	N7(Deamidated),Q9(Deamidated),N8(Deamidated)	102	4.11E-10	1	1414.621	1.14	Head	2R:-:10621579-10621538	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_16265	GNHMISNGHFHK	AGAP001805-PA	M4(Oxidation)	45	0.000403463	1	1394.642	2.33	Head	2R:-:10622823-10622788	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_17734	SKLILFPIHR	AGAP001805-PA	-	27	0.002203887	3	1223.764	1.24	Midgut	2R:-:10621819-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_19021	KFAQTIGIAVDPR	AGAP001805-PA	-	71	5.45E-07	1	1415.802	0.85	Male reproductive organs	2R:-:10621918-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_19445	GFTLAELK	AGAP001805-PA	-	38	0.001573767	1	878.503	5.13	Head	2R:-:10622613-10622590	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_20403	DAAENENNQPGAGKGK	AGAP001805-PA	-	40	0.001224456	1	1599.738	1.17	Malpighian tubule	2R:-:10621579-10621532	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_23231	FNAFQALR	AGAP001805-PA	-	65	2.90E-06	2	966.517	0.94	Ovary	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_23813	VTLEPITEAQK	AGAP001805-PA	-	56	2.95E-05	2	1228.679	0.59	Midgut	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_24292	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	45	0.000406243	1	1516.816	-0.11	Salivary gland	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_25561	FNAFQALR	AGAP001805-PA	-	63	4.65E-06	2	966.517	1.25	Pupa	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_25621	SKLILFPIHR	AGAP001805-PA	-	39	0.000131339	1	1223.762	-0.11	Ovary	2R:-:10621819-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_29624	GFTLAELK	AGAP001805-PA	-	35	0.00377906	1	878.500	2.07	Pupa	2R:-:10622613-10622590	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_30190	LILFPIHR	AGAP001805-PA	-	27	0.000445687	2	1008.637	1.59	Head	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_30335	VTLEPITEAQKK	AGAP001805-PA	-	66	1.61E-06	1	1356.778	3.5	Head	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_31047	FAQTIGIAVDPR	AGAP001805-PA	-	69	1.55E-06	1	1287.706	0.18	Pupa	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_31686	GFTLAELK	AGAP001805-PA	-	50	1.00E-04	2	878.502	4.07	Larva	2R:-:10622613-10622590	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_32532	FAQTIGIAVDPR	AGAP001805-PA	-	79	2.03E-07	2	1287.709	2.55	Malpighian tubule	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_35314	TWFNQPAR	AGAP001805-PA	-	45	0.000670549	2	1019.505	-0.48	Male reproductive organs	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_39328	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	52	8.26E-05	1	1516.818	1.11	Male reproductive organs	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_39448	FAQTIGIAVDPRR	AGAP001805-PA	-	63	3.72E-06	2	1443.808	0.63	Ovary	2R:-:10621915-10621877	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_40094	TWFNQPARK	AGAP001805-PA	-	52	0.000120104	1	1147.601	-0.21	Male reproductive organs	2R:-:10622766-10622740	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_40114	TWFNQPAR	AGAP001805-PA	-	44	0.000788151	1	1019.508	2.28	Larva	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_40303	TWFNQPAR	AGAP001805-PA	-	47	0.000397749	2	1019.508	2.22	Malpighian tubule	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_41924	VKGNHMISNGHFHK	AGAP001805-PA	M6(Oxidation),N9(Deamidated)	31	0.012724427	1	1622.784	-1.09	Midgut	2R:-:10622829-10622788	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_42048	DAAENENNQPGAGK	AGAP001805-PA	-	61	6.06E-06	2	1414.618	-1.01	Ovary	2R:-:10621579-10621538	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_42951	FNAFQALR	AGAP001805-PA	-	54	3.33E-05	2	966.516	-0.07	Midgut	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_44440	TWFNQPAR	AGAP001805-PA	-	45	0.000645383	1	1019.507	0.78	Pupa	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA

JHU_Ag_47018	VTLEPITEAQKK	AGAP001805-PA	-	75	2.60E-07	1	1356.773	-0.28	Male reproductive organs	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_47807	VTLEPITEAQK	AGAP001805-PA	-	64	4.46E-06	1	1228.680	1.18	Head	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_48270	VTLEPITEAQK	AGAP001805-PA	-	64	4.72E-06	1	1228.680	1.28	Visceras	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_48601	TWFNQPAR	AGAP001805-PA	-	47	0.000310259	1	1019.509	3.31	Head	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_48741	FAQTIGIAVDPR	AGAP001805-PA	-	85	3.81E-08	1	1287.707	0.93	Ovary	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_49742	DAAENENNQPGAGK	AGAP001805-PA	N5(Deamidated)	90	7.25E-09	1	1414.620	0.11	Midgut	2R:-:10621579-10621538	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_49936	SKLILFPIHR	AGAP001805-PA	-	42	7.38E-05	3	1223.764	1.39	Malpighian tubule	2R:-:10621819-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_51145	FNAFQALR	AGAP001805-PA	-	65	2.60E-06	2	966.519	3.91	Head	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_53649	LILFPIHR	AGAP001805-PA	-	42	3.66E-05	2	1008.635	-0.4	Male reproductive organs	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_54618	VTLEPITEAQK	AGAP001805-PA	-	59	1.41E-05	1	1228.678	-0.01	Male reproductive organs	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_57131	KFNAFQALR	AGAP001805-PA	-	52	4.69E-05	2	1094.610	-0.29	Ovary	2R:-:10621657-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_58103	VTLEPITEAQK	AGAP001805-PA	-	44	0.000428894	2	1228.680	1.48	Pupa	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_58346	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	38	0.001634367	1	1516.821	2.71	Larva	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_58996	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	60	1.34E-05	1	1516.815	-1.22	Midgut	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_60017	DAAENENNQPGAGK	AGAP001805-PA	N7(Deamidated)	106	1.99E-10	1	1414.623	2.78	Malpighian tubule	2R:-:10621579-10621538	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_61665	SKLILFPIHR	AGAP001805-PA	-	33	0.000555518	3	1223.761	-1.08	Male reproductive organs	2R:-:10621819-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_63000	KFNAFQALR	AGAP001805-PA	-	67	2.29E-06	1	1094.598	-11.89	Malpighian tubule	2R:-:10621657-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_63505	LILFPIHR	AGAP001805-PA	-	41	1.65E-05	1	1008.637	1.96	Larva	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_63575	KFNAFQALR	AGAP001805-PA	-	67	1.69E-06	1	1094.610	-0.29	Male reproductive organs	2R:-:10621657-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_65883	SKLILFPIHR	AGAP001805-PA	-	39	0.00015265	3	1223.761	-1.45	Visceras	2R:-:10621819-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_66684	VTLEPITEAQKK	AGAP001805-PA	-	74	3.27E-07	1	1356.773	-0.55	Ovary	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_70875	AVFPRPAK	AGAP001805-PA	-	31	0.004936601	1	885.532	1.26	Larva	2R:-:10622703-10622680	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_71536	FAQTIGIAVDPR	AGAP001805-PA	-	74	4.56E-07	1	1287.707	1.22	Head	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_73278	KFAQTIGIAVDPR	AGAP001805-PA	-	47	0.000134955	3	1415.804	2.31	Malpighian tubule	2R:-:10621918-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_73722	KGEATADECK	AGAP001805-PA	C9(Carbamidomethyl)	54	2.66E-05	2	1108.494	-0.25	Male reproductive organs	2R:-:10621774-10621745	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_75333	FNAFQALR	AGAP001805-PA	-	54	3.06E-05	2	966.516	0.31	Salivary gland	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_77132	KGEATADECK	AGAP001805-PA	C9(Carbamidomethyl)	58	1.03E-05	1	1108.495	0.81	Ovary	2R:-:10621774-10621745	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_78830	KFAQTIGIAVDPR	AGAP001805-PA	-	37	0.001493445	2	1415.801	0.59	Ovary	2R:-:10621918-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA

JHU_Ag_79286	SVESRQENVQR	AGAP001805-PA	-	61	1.40E-05	1	1331.669	2.23	Malpighian tubule	2R:-:10621867-10621835	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_79735	VTLEPITEAQKK	AGAP001805-PA	-	67	1.53E-06	1	1356.774	0.71	Pupa	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_80002	LILFPIHR	AGAP001805-PA	-	41	1.74E-05	1	1008.637	1.72	Malpighian tubule	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_81078	TWFNQPAR	AGAP001805-PA	-	39	0.002325042	1	1019.506	-0.18	Ovary	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_81365	FAQTIGIAVDPR	AGAP001805-PA	-	90	1.40E-08	1	1287.706	0.56	Visceras	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_81812	TWFNQPAR	AGAP001805-PA	-	48	0.000313197	1	1019.506	0.24	Visceras	2R:-:10622766-10622743	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_82790	GFTLAELK	AGAP001805-PA	-	66	2.45E-06	1	878.498	0.25	Male reproductive organs	2R:-:10622613-10622590	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_85129	AVFPRPAK	AGAP001805-PA	-	42	0.00035845	1	885.531	0.5	Pupa	2R:-:10622703-10622680	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_85260	VTLEPITEAQK	AGAP001805-PA	-	78	1.89E-07	1	1228.679	0.39	Ovary	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_86738	FAQTIGIAVDPR	AGAP001805-PA	-	92	7.70E-09	1	1287.710	3.49	Larva	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_86834	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	70	1.16E-06	1	1516.815	-1.08	Visceras	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_88805	GFTLAELKGAGLTK	AGAP001805-PA	-	55	1.21E-05	1	1405.807	1.62	Ovary	2R:-:10622613-10622832,10621526-10621919	exon=> In CDS Exon 2 and 1 of transcript AGAP001805-PA
JHU_Ag_90183	VTLEPITEAQK	AGAP001805-PA	-	63	4.98E-06	1	1228.680	1.09	Salivary gland	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_90476	VTLEPITEAQKK	AGAP001805-PA	-	62	3.99E-06	1	1356.778	3.14	Malpighian tubule	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_91946	FNAFQALR	AGAP001805-PA	-	37	0.001546079	2	966.520	4.16	Larva	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_96150	TWFNQPARK	AGAP001805-PA	-	39	0.002382173	1	1147.604	2.45	Malpighian tubule	2R:-:10622766-10622740	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_97322	LILFPIHR	AGAP001805-PA	-	41	1.56E-05	1	1008.638	3.05	Ovary	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_97517	DAAENENNQPGAGK	AGAP001805-PA	-	94	2.59E-09	1	1414.620	0.28	Male reproductive organs	2R:-:10621579-10621538	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_97761	KFAQTIGIAVDPR	AGAP001805-PA	-	55	2.30E-05	2	1415.806	3.61	Pupa	2R:-:10621918-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_97837	FNAFQALR	AGAP001805-PA	-	54	3.32E-05	2	966.518	2.52	Malpighian tubule	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_99968	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	45	0.000382317	1	1516.823	3.91	Malpighian tubule	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_100567	KGEATADECK	AGAP001805-PA	C9(Carbamidomethyl)	44	0.000288575	2	1108.494	0.3	Malpighian tubule	2R:-:10621774-10621745	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_101305	GFTLAELK	AGAP001805-PA	-	47	0.000216945	2	878.498	-0.17	Midgut	2R:-:10622613-10622590	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_101724	KFNAFQALR	AGAP001805-PA	-	66	1.91E-06	1	1094.612	0.83	Head	2R:-:10621657-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_102259	AKDAAENENNQPGAGK	AGAP001805-PA	N7(Deamidated),N9(Deamidated)	90	1.17E-08	1	1613.752	0.46	Malpighian tubule	2R:-:10621585-10621538	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_102475	FAQTIGIAVDPR	AGAP001805-PA	-	73	5.88E-07	1	1287.705	-0.87	Male reproductive organs	2R:-:10621915-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_102742	KFAQTIGIAVDPR	AGAP001805-PA	-	35	0.002167628	3	1415.800	-0.34	Midgut	2R:-:10621918-10621880	exon=> In CDS Exon 2 of transcript AGAP001805-PA

JHU_Ag_102810	LILFPIHR	AGAP001805-PA	-	41	1.56E-05	1	1008.639	3.53	Salivary gland	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_106277	FAQTIGIAVDPRR	AGAP001805-PA	-	59	1.03E-05	1	1443.811	2.65	Malpighian tubule	2R:-:10621915-10621877	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_107142	VTLEPITEAQKK	AGAP001805-PA	-	34	0.003547857	1	1356.764	-6.66	Salivary gland	2R:-:10621690-10621655	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_109471	AKDAAENENNQPGAGK	AGAP001805-PA	-	105	3.65E-10	1	1613.752	0.16	Male reproductive organs	2R:-:10621585-10621538	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_111691	VTLEPITEAQK	AGAP001805-PA	-	50	0.000105987	2	1228.682	2.58	Malpighian tubule	2R:-:10621690-10621658	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_115072	LILFPIHR	AGAP001805-PA	-	34	7.36E-05	2	1008.637	1.65	Pupa	2R:-:10621813-10621790	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_116221	GPIRPIVHCPSQR	AGAP001805-PA	C9(Carbamidomethyl)	74	4.41E-07	1	1516.820	1.98	Ovary	2R:-:10622679-10622641	exon=> In CDS Exon 1 of transcript AGAP001805-PA
JHU_Ag_117467	GFTLAELKGAGLTK	AGAP001805-PA	-	75	1.25E-07	2	1405.810	3.62	Malpighian tubule	2R:-:10622613-10622832,10621526-10621919	exon=> In CDS Exon 2 and 1 of transcript AGAP001805-PA
JHU_Ag_117745	FNAFQALR	AGAP001805-PA	-	64	3.10E-06	2	966.517	1.06	Male reproductive organs	2R:-:10621654-10621631	exon=> In CDS Exon 2 of transcript AGAP001805-PA
JHU_Ag_4370	NTLNCREK	AGAP001807-PA,AGAP001807-PB	N4(Deamidated), C5(Carbamidomethyl)	41	0.001175	1	1035.492	2.6	Head	2R:-:10797470-10797447;2R:-:10797470-10797447	exon=> In CDS Exon 15 of transcript AGAP001807-PA;exon=> In CDS Exon 11 of transcript AGAP001807-PB
JHU_Ag_39928	NTLNCREK	AGAP001807-PA,AGAP001807-PB	N4(Deamidated), C5(Carbamidomethyl)	39	0.002042969	2	1035.496	6.61	Malpighian tubule	2R:-:10797470-10797447;2R:-:10797470-10797447	exon=> In CDS Exon 15 of transcript AGAP001807-PA;exon=> In CDS Exon 11 of transcript AGAP001807-PB
JHU_Ag_91016	NTLNCREK	AGAP001807-PA,AGAP001807-PB	N4(Deamidated), C5(Carbamidomethyl)	53	6.87E-05	1	1035.493	4.01	Male reproductive organs	2R:-:10797470-10797447;2R:-:10797470-10797447	exon=> In CDS Exon 15 of transcript AGAP001807-PA;exon=> In CDS Exon 11 of transcript AGAP001807-PB
JHU_Ag_7039	AESGNEAEYTPEQLEAVKR	AGAP001810-PA	-	52	0.000115344	1	2121.017	3.51	Malpighian tubule	2R:-:10843327-10843271	exon=> In CDS Exon 2 of transcript AGAP001810-PA
JHU_Ag_27944	DATDSDIKK	AGAP001810-PA	-	37	0.002570037	1	992.488	-1.15	Malpighian tubule	2R:-:10843150-10843124	exon=> In CDS Exon 3 of transcript AGAP001810-PA
JHU_Ag_48016	DATDSDIKK	AGAP001810-PA	-	50	0.000153276	1	992.490	0.45	Midgut	2R:-:10843150-10843124	exon=> In CDS Exon 3 of transcript AGAP001810-PA
JHU_Ag_100952	LEASVEEEYLNNLK	AGAP001810-PA	-	47	0.000274143	2	1650.827	2.97	Midgut	2R:-:10842404-10842363	exon=> In CDS Exon 5 of transcript AGAP001810-PA
JHU_Ag_41499	FQSAAIGALQEASEAYLVGLFEDTNLCAIHAK	AGAP001813-PB	C27(Carbamidomethyl)	228	1.76E-22	1	3437.719	4.07	Ovary	2R:-:10860896-10861148,10860617-10860680	exon=> In CDS Exon 2 and 1 of transcript AGAP001813-PB
JHU_Ag_72640	FQSAAIGALQEASEAYLVGLFEDTNLCAIHAK	AGAP001813-PB	C27(Carbamidomethyl)	65	3.35E-06	1	3437.716	3.32	Malpighian tubule	2R:-:10860896-10861148,10860617-10860680	exon=> In CDS Exon 2 and 1 of transcript AGAP001813-PB
JHU_Ag_101972	FQSAAIGALQEASEAYLVGLFEDTNLCAIHAK	AGAP001813-PB	C27(Carbamidomethyl)	47	0.000202338	3	3437.705	0.02	Head	2R:-:10860896-10861148,10860617-10860680	exon=> In CDS Exon 2 and 1 of transcript AGAP001813-PB
JHU_Ag_116277	FQSAAIGALQEASEAYLVGLFEDTNLCAIHAK	AGAP001813-PB	C27(Carbamidomethyl)	105	3.68E-10	1	3437.706	0.43	Midgut	2R:-:10860896-10861148,10860617-10860680	exon=> In CDS Exon 2 and 1 of transcript AGAP001813-PB
JHU_Ag_24637	YLAALQYTGTQPVNIDDPKEFR	AGAP001816-PA	-	94	4.33E-09	1	2539.297	5.55	Malpighian tubule	2R:-:10867215-10867233,10866333-10867041	exon=> In CDS Exon 2 and 1 of transcript AGAP001816-PA
JHU_Ag_40005	QEQLTWLLLHAVR	AGAP001816-PA	-	59	3.74E-06	1	1606.907	0.24	Ovary	2R:-:10866887-10866849	exon=> In CDS Exon 2 of transcript AGAP001816-PA

JHU_Ag_71674	LEYSDNVDTYRPLSGAR	AGAP001816-PA	-	40	0.001315613	1	1955.941	-2.36	Ovary	2R:-:10866848-10866798	exon=> In CDS Exon 2 of transcript AGAP001816-PA
JHU_Ag_35115	LGIAYHPDHLVSLR	AGAP001816-PA,AGAP001818-PA	-	87	1.49E-08	1	1590.875	0	Ovary	2R:-:10866677-10866636;2R:-:10868405-10868364	exon=> In CDS Exon 2 of transcript AGAP001816-PA;exon=> In CDS Exon 2 of transcript AGAP001818-PA
JHU_Ag_94272	LGIAYHPDHLVSLR	AGAP001816-PA,AGAP001818-PA	-	32	0.003615396	1	1590.880	3.27	Head	2R:-:10866677-10866636;2R:-:10868405-10868364	exon=> In CDS Exon 2 of transcript AGAP001816-PA;exon=> In CDS Exon 2 of transcript AGAP001818-PA
JHU_Ag_3343	LHELGGPFGPGDIVR	AGAP001819-PA	-	86	2.92E-08	1	1563.832	2.91	Midgut	2R:+:10870297-10870341	exon=> In CDS Exon 1 of transcript AGAP001819-PA
JHU_Ag_6388	WTYVAGNNWGYCEDGSGR	AGAP001819-PA	C12(Carbamidomethyl)	115	8.85E-12	2	2091.856	-2.6	Midgut	2R:+:10870588-10870603,10870686-10870723	exon=> In CDS Exon 1 and 2 of transcript AGAP001819-PA
JHU_Ag_19389	NWVLPSTAVGEYR	AGAP001819-PA	-	43	0.000857165	2	1491.757	-1.33	Midgut	2R:+:10870498-10870536	exon=> In CDS Exon 1 of transcript AGAP001819-PA
JHU_Ag_40233	LPDSLTCSHCIFR	AGAP001819-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	102	7.92E-10	1	1605.751	-0.23	Midgut	2R:+:10870549-10870587	exon=> In CDS Exon 1 of transcript AGAP001819-PA
JHU_Ag_84473	LGCGPQETFK	AGAP001819-PA	C3(Carbamidomethyl)	67	2.85E-06	2	1136.540	-0.49	Midgut	2R:+:10870724-10870753	exon=> In CDS Exon 2 of transcript AGAP001819-PA
JHU_Ag_87937	INLKLPDSLTCSHCIFR	AGAP001819-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	108	2.27E-10	1	2074.055	-1.01	Midgut	2R:+:10870537-10870587	exon=> In CDS Exon 1 of transcript AGAP001819-PA
JHU_Ag_94058	IVASNDINPSFAYCTK	AGAP001819-PA	C14(Carbamidomethyl)	98	2.28E-09	2	1799.861	-1.49	Midgut	2R:+:10870772-10870819	exon=> In CDS Exon 2 of transcript AGAP001819-PA
JHU_Ag_9158	QAKDEATEEIEK	AGAP001823-PA	-	46	0.000421421	1	1390.675	4.06	Visceras	2R:-:10903055-10903020	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_10469	ASNTQGIQQLLAAEK	AGAP001823-PA	N-Term(Acetyl)	82	6.37E-08	2	1613.850	0.09	Midgut	2R:-:10903358-10903314	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_14810	ASNTQGIQQLLAAEKK	AGAP001823-PA	N-Term(Acetyl)	133	3.91E-13	1	1741.947	1.48	Visceras	2R:-:10903358-10903311	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_18318	ASNTQGIQQLLAAEK	AGAP001823-PA	N-Term(Acetyl)	56	2.75E-05	2	1613.852	1.83	Head	2R:-:10903358-10903314	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_18423	ASNTQGIQQLLAAEKK	AGAP001823-PA	N-Term(Acetyl)	98	1.47E-09	1	1741.944	0.01	Salivary gland	2R:-:10903358-10903311	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_28682	ALATQKEPVIQDVLSFVYAIK	AGAP001823-PA	-	113	1.13E-11	1	2333.312	0.19	Midgut	2R:-:10902817-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_32050	ALATQKEPVIQDVLSFVYAIK	AGAP001823-PA	-	136	4.49E-14	1	2333.318	2.93	Malpighian tubule	2R:-:10902817-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_41120	ALATQKEPVIQDVLSFVYAIK	AGAP001823-PA	-	55	6.64E-06	3	2333.317	2.38	Head	2R:-:10902817-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_42709	DEATEEIEK	AGAP001823-PA	-	34	0.003908709	1	1063.480	0.48	Ovary	2R:-:10903046-10903020	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_49816	EPVIQDVLSFVYAIK	AGAP001823-PA	-	87	1.13E-08	1	1720.951	-0.42	Midgut	2R:-:10902799-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_53696	ASNTQGIQQLLAAEK	AGAP001823-PA	N-Term(Acetyl)	130	1.23E-12	1	1613.852	1.67	Malpighian tubule	2R:-:10903358-10903314	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_55368	ASNTQGIQQLLAAEK	AGAP001823-PA	N-Term(Acetyl)	82	6.80E-08	1	1613.849	-0.07	Salivary gland	2R:-:10903358-10903314	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_58317	EGVSNKIDADTR	AGAP001823-PA	-	75	5.67E-07	1	1304.646	1.51	Malpighian tubule	2R:-:10902877-10902842	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_61081	EPVIQDVLSFVYAIK	AGAP001823-PA	-	104	1.75E-10	1	1720.957	2.97	Ovary	2R:-:10902799-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_62511	ASNTQGIQQLLAAEK	AGAP001823-PA	N-Term(Acetyl)	89	1.37E-08	2	1613.851	0.99	Ovary	2R:-:10903358-10903314	exon=> In CDS Exon 1 of transcript AGAP001823-PA

JHU_Ag_62874	VRIDEMNR	AGAP001823-PA	M6(Oxidation)	44	0.000669 93	1	1032.526	0.84	Malpighian tubule	2R:-:10902841-10902818	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_64029	ASNTQGIQQLLAAEKK	AGAP001823-PA	N-Term(Acetyl)	47	0.000132 533	2	1741.950	3.16	Larva	2R:-:10903358-10903311	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_67172	QAKDEATEEIEK	AGAP001823-PA	-	73	7.51E-07	2	1390.672	1.51	Malpighian tubule	2R:-:10903055-10903020	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_71562	DEATEEIEKYR	AGAP001823-PA	-	78	1.84E-07	1	1382.647	2.39	Visceras	2R:-:10903046-10903014	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_80683	EPVIQDVLSFVYAIK	AGAP001823-PA	-	61	4.07E-06	2	1720.956	2.34	Head	2R:-:10902799-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_81832	MASNTQGIQQLLAAEKK	AGAP001823-PA	Q10(Deamidated),N4(Deamidated),Q6(Deamidated),Q9(Deamidated)	37	0.002953 478	1	1831.972	7.28	Visceras	2R:-:10903361-10903311	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_84402	DEATEEIEK	AGAP001823-PA	-	55	3.06E-05	1	1063.481	1.93	Midgut	2R:-:10903046-10903020	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_88504	ASNTQGIQQLLAAEK	AGAP001823-PA	N-Term(Acetyl)	110	9.72E-11	1	1613.855	3.49	Visceras	2R:-:10903358-10903314	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_89671	EPVIQDVLSFVYAIK	AGAP001823-PA	-	96	1.12E-09	2	1720.962	5.61	Malpighian tubule	2R:-:10902799-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_92626	ASNTQGIQQLLAAEKK	AGAP001823-PA	N-Term(Acetyl)	140	8.60E-14	1	1741.947	1.76	Malpighian tubule	2R:-:10903358-10903311	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_98088	DEATEEIEKYR	AGAP001823-PA	-	79	1.71E-07	1	1382.648	3.36	Malpighian tubule	2R:-:10903046-10903014	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_109767	EPVIQDVLSFVYAIK	AGAP001823-PA	-	105	1.21E-10	2	1720.960	4.61	Visceras	2R:-:10902799-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_112391	TFKEFEAK	AGAP001823-PA	-	45	0.000349 486	1	999.515	0.56	Malpighian tubule	2R:-:10902998-10902975	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_114157	ALATQKEPVIQDVLSFVYAIK	AGAP001823-PA	-	126	4.39E-13	1	2333.323	4.74	Visceras	2R:-:10902817-10902755	exon=> In CDS Exon 3 of transcript AGAP001823-PA
JHU_Ag_114347	DEATEEIEK	AGAP001823-PA	-	54	4.20E-05	1	1063.480	0.48	Malpighian tubule	2R:-:10903046-10903020	exon=> In CDS Exon 2 of transcript AGAP001823-PA
JHU_Ag_115477	ASNTQGIQQLLAAEKK	AGAP001823-PA	N-Term(Acetyl)	101	5.93E-10	2	1741.944	-0.48	Midgut	2R:-:10903358-10903311	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_116911	AADKVGEAR	AGAP001823-PA	-	60	1.79E-05	1	916.488	3.66	Malpighian tubule	2R:-:10903310-10903284	exon=> In CDS Exon 1 of transcript AGAP001823-PA
JHU_Ag_45954	HVGSR	AGAP001823-PA,AGAP000504-PA	-	33	0.003154 098	1	555.300	0.24	Malpighian tubule	2R:-:10902892-10902878;X:-:8859119-8859105	exon=> In CDS Exon 3 of transcript AGAP001823-PA;exon=> In CDS Exon 13 of transcript AGAP000504-PA
JHU_Ag_29661	LLDLNIDPPPR	AGAP001825-PA	-	55	2.62E-05	1	1262.714	2.7	Larva	2R:+:11021197-11021229	exon=> In CDS Exon 1 of transcript AGAP001825-PA
JHU_Ag_82937	FQEILVGDVNLQSK	AGAP001825-PA	-	60	9.08E-06	2	1589.861	4.77	Larva	2R:+:11021302-11021343	exon=> In CDS Exon 1 of transcript AGAP001825-PA
JHU_Ag_92825	AYSEFGYQIAAR	AGAP001825-PA	-	91	1.56E-08	1	1375.669	3.36	Larva	2R:+:11021476-11021511	exon=> In CDS Exon 1 of transcript AGAP001825-PA
JHU_Ag_182	DSTVELTAK	AGAP001826-PA	-	40	0.001595 34	2	963.499	-0.17	Pupa	2R:-:11118824-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_190	VYQVGSFITSHLASLR	AGAP001826-PA	-	75	2.60E-07	1	1777.959	-0.22	Male reproductive organs	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_267	DLIHQLR	AGAP001826-PA	-	50	7.30E-05	1	894.514	-1.43	Pupa	2R:-:11119058-11119038	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_327	EAYLSVGSLVSK	AGAP001826-PA	-	89	1.23E-08	1	1252.679	0.68	Pupa	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_366	VNAPVYDVAADFYYDFEKDNSK	AGAP001826-PA	-	81	1.02E-07	1	2570.176	1.45	Pupa	2R:-:11122928-11122863	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_579	YGAQVMCTTDLK	AGAP001826-PA	M6(Oxidation), C7(Carbamidomethyl)	82	7.00E-08	1	1402.640	4.46	Larva	2R:-:11118698-11118663	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_605	VGTGDAVEAITQLYK	AGAP001826-PA	-	128	2.23E-12	1	1564.825	1.9	Pupa	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_711	NLFSFASGKDFNNPSNK	AGAP001826-PA	N1(Deamidated)	51	0.000126083	1	1887.912	13.06	Pupa	2R:-:11123813-11123763	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_912	TTINGHVVSNGER	AGAP001826-PA	N4(Deamidated),"N4(Deamidated), N10(Deamidated)",N10(Deamidated)	118	2.15E-11	1	1385.665	-0.11	Pupa	2R:-:11124026-11123988	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_1145	LNLNLPNVDPIAAEGSYTYDAK	AGAP001826-PA	-	80	1.31E-07	2	2378.187	-0.09	Visceras	2R:-:11122067-11122002	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_1199	DLIHQLR	AGAP001826-PA	-	50	5.13E-05	1	894.519	3.48	Larva	2R:-:11119058-11119038	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_1438	SVTLVDKDSTVELTAK	AGAP001826-PA	-	96	2.03E-09	1	1705.923	0.87	Head	2R:-:11118845-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_1572	VSLLLPTGR	AGAP001826-PA	-	47	8.70E-05	2	955.593	-0.63	Midgut	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_1771	RGLISLFQVAQEK	AGAP001826-PA	-	61	2.99E-06	1	1488.855	0.84	Pupa	2R:-:11126975-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_1778	ITEVSTDFANSYK	AGAP001826-PA	N10(Deamidated)	99	2.03E-09	2	1474.711	3.26	Larva	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_1832	LQLTADDKK	AGAP001826-PA	-	71	1.29E-06	1	1031.576	3.16	Larva	2R:-:11121797-11121771	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_2163	DKFGPFDGSVSFYLDK	AGAP001826-PA	-	61	1.20E-05	2	1821.882	6.88	Larva	2R:-:11120897-11120850	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_2295	EAYLSVGSLVSK	AGAP001826-PA	-	42	0.000567862	2	1252.676	-1.95	Salivary gland	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_2333	TVDLHNDALKDFNLDVTMK	AGAP001826-PA	M18(Oxidation)	44	0.000576311	1	2205.083	-1.05	Pupa	2R:-:11125223-11125167	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_2652	LYAFNPFAR	AGAP001826-PA	-	64	3.85E-06	2	1098.579	5.14	Larva	2R:-:11119037-11119011	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_2770	SPNGDAQVSKFVQTTGK	AGAP001826-PA	-	37	0.002794399	1	1763.895	1.44	Malpighian tubule	2R:-:11124158-11124108	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_2880	TIIFENPDQQPAGNLAVIK	AGAP001826-PA	-	110	8.58E-11	1	2068.115	3.68	Larva	2R:-:11126561-11126505	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_2929	VNLEVAYTDNSFK	AGAP001826-PA	-	61	1.12E-05	2	1499.742	2.7	Visceras	2R:-:11123852-11123814	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_2941	LVEHYFGPK	AGAP001826-PA	-	46	0.000476079	1	1089.569	-3.08	Head	2R:-:11125379-11125353	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_2972	SVDLTFK	AGAP001826-PA	-	47	0.000176581	2	809.440	-0.41	Pupa	2R:-:11121854-11121834	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_2987	LSEEYQYLPYLK	AGAP001826-PA	-	81	1.51E-07	1	1545.785	0.75	Male reproductive organs	2R:-:11126696-11126661	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_3442	LDFATNK	AGAP001826-PA	-	37	0.002365611	1	808.423	3.4	Larva	2R:-:11123657-11123637	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_3679	LGVNNNDKEVALYAVAHNGVEEYLAK	AGAP001826-PA	-	99	1.26E-09	1	2830.452	5.36	Malpighian tubule	2R:-:11124299-11124222	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_3780	SEFENVR	AGAP001826-PA	-	40	0.001151841	2	880.416	0.39	Head	2R:-:11121875-11121855	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_4040	LAEELNK	AGAP001826-PA	-	40	0.002101134	2	816.446	-0.43	Head	2R:-:11120006-11119986	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_4120	ASEGGKDILSGFADYSVK	AGAP001826-PA	-	86	3.90E-08	1	1843.908	0.13	Male reproductive organs	2R:-:11121461-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_4168	TVDLHNDALK	AGAP001826-PA	-	49	0.000130507	1	1125.590	0.31	Pupa	2R:-:11125223-11125194	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_4184	ATGISDVNVAVIGYSK	AGAP001826-PA	-	144	3.73E-14	1	1593.853	2.82	Head	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_4283	ENLGATTEVYALRR	AGAP001826-PA	-	52	7.18E-05	1	1592.841	1.38	Pupa	2R:-:11117867-11117826	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_4311	APSMDDIQVHATLKSEFENVR	AGAP001826-PA	M4(Oxidation)	112	1.07E-10	1	2403.173	5.07	Malpighian tubule	2R:-:11121917-11121855	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_4446	AGAAPALGAASEPR	AGAP001826-PA	-	115	3.62E-11	1	1238.652	2.16	Larva	2R:-:11126603-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_4686	VDVGAPSYK	AGAP001826-PA	-	62	1.03E-05	1	935.486	2.77	Larva	2R:-:11122244-11122218	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_4989	TPGDYDVQLGGSLNK	AGAP001826-PA	Q8(Deamidated)	64	6.73E-06	1	1563.765	0.12	Midgut	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_5092	TIIFENPDQQPAGNLAVIK	AGAP001826-PA	-	104	3.07E-10	1	2068.109	0.61	Midgut	2R:-:11126561-11126505	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_5127	LVVAVFER	AGAP001826-PA	-	61	2.89E-06	2	932.557	0.34	Pupa	2R:-:11119652-11119629	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_5195	YNLENIEWTSPYAPK	AGAP001826-PA	-	118	2.87E-11	2	1824.883	1.65	Pupa	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_5285	ERGNQLITLPAK	AGAP001826-PA	-	46	8.76E-05	1	1339.768	-0.97	Pupa	2R:-:11124647-11124612	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_5304	LSAQGAGVAR	AGAP001826-PA	Q4(Deamidated)	86	3.72E-08	2	929.514	-2.58	Pupa	2R:-:11124968-11124939	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_5391	VSGSLLPQVTELSVVVDEYCEHHAK	AGAP001826-PA	C20(Carbamidomethyl)	86	3.40E-08	1	2796.402	5.23	Ovary	2R:-:11122418-11122344	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_5662	GLVTGIESVDAFLQLLQK	AGAP001826-PA	-	87	6.95E-09	2	1931.085	-0.13	Midgut	2R:-:11117939-11117886	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_5845	YNLENIEWTSPYAPK	AGAP001826-PA	-	92	9.57E-09	2	1824.888	4.32	Larva	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_5922	FLPNRPVVFESQLNGLSSAK	AGAP001826-PA	N14(Deamidated)	75	1.68E-07	1	2203.193	2.87	Larva	2R:-:11120318-11120259	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_6049	APSMDDIQVHATLK	AGAP001826-PA	M4(Oxidation)	118	2.43E-11	1	1525.770	1.21	Pupa	2R:-:11121917-11121876	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_6109	YTFKPGFVYQYDVDSYVQLQQSDKEN K	AGAP001826-PA	-	137	2.34E-13	1	3289.575	1.76	Pupa	2R:-:11127278-11127198	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_6375	DLIHQLR	AGAP001826-PA	-	42	0.000435702	1	894.515	-0.61	Male reproductive organs	2R:-:11119058-11119038	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_6678	VVSLTSYAPDGKK	AGAP001826-PA	-	89	1.25E-08	1	1364.748	4.42	Malpighian tubule	2R:-:11127128-11127090	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_6701	AQEDVIVAVLK	AGAP001826-PA	Q2(Deamidated)	105	1.88E-10	1	1184.689	-0.05	Pupa	2R:-:11126006-11125974	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_6886	MAASVYDKQPGGK	AGAP001826-PA	M1(Oxidation)	48	0.000218638	2	1367.661	-1.01	Male reproductive organs	2R:-:11122631-11122593	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_6888	KVYLDALFR	AGAP001826-PA	-	69	4.11E-07	1	1124.651	4.33	Malpighian tubule	2R:-:11126330-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_7122	GQGELFALVTFVK	AGAP001826-PA	-	72	3.02E-07	2	1408.790	4.47	Malpighian tubule	2R:-:11123003-11122965	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_7318	GLLGNGNYEPYDDLAVPNGK	AGAP001826-PA	N5(Deamidated),N7(Deamidated),"N5(Deamidated), N18(Deamidated)","N7(Deamidated), N18(Deamidated)",N18(Deamidated)	56	3.73E-05	1	2107.981	-0.21	Male reproductive organs	2R:-:11118617-11118558	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_7455	EAYLSVGSLVSK	AGAP001826-PA	-	61	5.85E-06	2	1252.684	4.29	Malpighian tubule	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_7565	AMVIEGQGNVK	AGAP001826-PA	M2(Oxidation)	52	0.000103768	1	1161.597	3.26	Larva	2R:-:11121395-11121363	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_7584	FSNKLTASTGTK	AGAP001826-PA	-	61	6.45E-06	1	1254.673	3.39	Larva	2R:-:11123459-11123424	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_7667	FSVEVNAKPGSNGK	AGAP001826-PA	N12(Deamidated)	81	1.28E-07	1	1434.726	2.76	Larva	2R:-:11121518-11121477	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_7859	ITEVSTDFANSYK	AGAP001826-PA	N10(Deamidated)	98	2.59E-09	2	1474.709	2.1	Pupa	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_7980	MAASVYDK	AGAP001826-PA	-	37	0.001731 74	1	884.417	-0.89	Pupa	2R:-:11122631-11122608	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_7982	VYLDALFR	AGAP001826-PA	-	72	3.58E-07	2	996.552	0.97	Male reproductive organs	2R:-:11126327-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_8082	ETDLPIHQK	AGAP001826-PA	-	47	0.000227207	1	1080.571	2.68	Larva	2R:-:11118773-11118747	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8275	FLPYVSSIQFSPWNFVR	AGAP001826-PA	-	104	5.79E-10	1	2087.078	1.41	Pupa	2R:-:11119133-11119083	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8318	TLFVSLVK	AGAP001826-PA	-	42	6.31E-05	2	906.566	-0.09	Pupa	2R:-:11119259-11119236	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8458	FSVEVNAKPGSNGK	AGAP001826-PA	N12(Deamidated)	95	5.44E-09	1	1434.723	0.55	Male reproductive organs	2R:-:11121518-11121477	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8505	KVYLDALFR	AGAP001826-PA	-	52	2.17E-05	1	1124.647	0.53	Midgut	2R:-:11126330-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_8521	LSTNLVSALPEFGKFQESYAK	AGAP001826-PA	-	73	4.73E-07	1	2329.222	6.38	Larva	2R:-:11119985-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8556	ESLSNSFVTR	AGAP001826-PA	-	48	0.000221602	2	1139.569	-0.56	Midgut	2R:-:11126825-11126796	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_8585	KVYLDALFR	AGAP001826-PA	-	52	1.82E-05	1	1124.648	1.62	Head	2R:-:11126330-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_8589	GQGELFALVTFVK	AGAP001826-PA	-	88	8.19E-09	1	1408.789	3.77	Head	2R:-:11123003-11122965	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8643	VLNQAVER	AGAP001826-PA	N3(Deamidated)	57	1.42E-05	2	928.521	0.4	Pupa	2R:-:11119235-11119212	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8653	TFAQTFSK	AGAP001826-PA	-	49	9.94E-05	1	929.473	0.63	Pupa	2R:-:11119556-11119533	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_8921	EDLLTLYNQVK	AGAP001826-PA	-	53	5.67E-05	2	1335.719	2.92	Head	2R:-:11126399-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_9177	TFAQTFSK	AGAP001826-PA	-	40	0.000709732	2	929.472	-0.43	Male reproductive organs	2R:-:11119556-11119533	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_9455	NLFSFASGK	AGAP001826-PA	-	56	2.17E-05	1	970.503	3.49	Larva	2R:-:11123813-11123787	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_9486	VSLLLPTGR	AGAP001826-PA	-	40	0.000386636	2	955.597	3.4	Malpighian tubule	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_9614	DILSGFADYSVK	AGAP001826-PA	-	85	4.08E-08	2	1314.659	1.01	Head	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_9622	GASGGRDEYVPIFTIR	AGAP001826-PA	-	82	8.91E-08	1	1737.895	2.01	Pupa	2R:-:11124206-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_9755	VPMFHMHAQLGDGGHFFTFDDK	AGAP001826-PA	M3(Oxidation), M6(Oxidation)	86	2.28E-08	1	2566.130	0.9	Pupa	2R:-:11119010-11118945	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_9934	LLDGNPPREAYLSVGSLVSK	AGAP001826-PA	-	116	1.25E-11	1	2115.157	6.01	Malpighian tubule	2R:-:11126159-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_10167	ADEAACGIAR	AGAP001826-PA	C6(Carbamidomethyl)	69	1.21E-06	2	1033.472	-0.7	Pupa	2R:-:11118341-11118312	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_10275	LAFVSLTLVQSMTQDALK	AGAP001826-PA	M12(Oxidation)	96	1.62E-09	2	1981.075	3.83	Larva	2R:-:11126225-11126172	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_10454	LSAQGAGVAR	AGAP001826-PA	-	69	1.39E-06	2	929.519	2.87	Malpighian tubule	2R:-:11124968-11124939	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_10490	TDKYTSLFSNGGK	AGAP001826-PA	N10(Deamidated)	98	2.60E-09	1	1418.681	0.61	Pupa	2R:-:11118038-11118000	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_10558	LYVSACTLYGIPTVLPSQCEK	AGAP001826-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	33	0.006672942	1	2399.206	3.12	Head	2R:-:11118311-11118249	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_10655	AFSYPFR	AGAP001826-PA	-	43	0.000307109	1	887.440	-0.98	Pupa	2R:-:11117825-11117805	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_10658	AGAAPALGAASEPR	AGAP001826-PA	-	52	7.80E-05	2	1238.650	0.88	Salivary gland	2R:-:11126603-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_10659	NSDNLVAPLLDKVIQCAGPDASSR	AGAP001826-PA	C16(Carbamidomethyl)	120	1.20E-11	1	2540.295	6.99	Malpighian tubule	2R:-:11125964-11125893	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_10916	LSTNLVSALPEFGKFQESYAK	AGAP001826-PA	-	51	7.80E-05	1	2329.220	5.36	Malpighian tubule	2R:-:11119985-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_10974	VTLDASHFLSTEYNVDEANAK	AGAP001826-PA	-	112	9.46E-11	1	2324.108	1.75	Head	2R:-:11120150-11120088	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_11115	LDFATNK	AGAP001826-PA	-	39	0.001244515	1	808.419	-1.45	Pupa	2R:-:11123657-11123637	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_11343	FYLDGEYGYDKYK	AGAP001826-PA	-	54	4.12E-05	2	1660.756	2.05	Head	2R:-:11123630-11123592	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_11344	VFEEDFNK	AGAP001826-PA	-	45	0.000214136	1	1027.472	-0.91	Pupa	2R:-:11119610-11119587	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_11639	FGDDFVR	AGAP001826-PA	-	53	4.30E-05	2	855.401	1.63	Malpighian tubule	2R:-:11120396-11120376	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_11896	DVVLDVTLK	AGAP001826-PA	-	64	4.87E-06	2	1001.588	0.39	Pupa	2R:-:11122490-11122464	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_12069	LEGVTAGELYVK	AGAP001826-PA	-	97	1.71E-09	1	1278.695	0.55	Pupa	2R:-:11124374-11124339	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_12077	SIVGFNER	AGAP001826-PA	-	44	0.000544617	2	921.478	-0.9	Pupa	2R:-:11117551-11117674,11117152-11117461	exon=> In CDS Exon 6 and 5 of transcript AGAP001826-PA
JHU_Ag_12157	NQLNADFEVTR	AGAP001826-PA	N4(Deamidated)	77	3.50E-07	1	1306.638	-0.24	Pupa	2R:-:11120066-11120034	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_12226	VAALQAYPAASCNKK	AGAP001826-PA	C12(Carbamidomethyl)	85	4.57E-08	1	1591.831	2.88	Malpighian tubule	2R:-:11125886-11125842	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_12442	GFFSGMDMQAAYDLLAEQYQK	AGAP001826-PA	M8(Oxidation),M6(Oxidation),"M6(Oxidation), M8(Oxidation)"	126	2.07E-12	1	2445.080	2.37	Pupa	2R:-:11125352-11125290	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_12468	ENLGATTEVYALR	AGAP001826-PA	-	70	1.67E-06	2	1436.743	3.77	Malpighian tubule	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_12557	GQGELFALVTFVKQDR	AGAP001826-PA	-	69	9.53E-07	2	1807.974	2.19	Pupa	2R:-:11123003-11122956	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_12594	ALGHSAFKADAK	AGAP001826-PA	-	70	1.70E-06	1	1215.647	-0.9	Pupa	2R:-:11121668-11121633	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_12743	GQGELFALVTFVK	AGAP001826-PA	-	80	5.75E-08	1	1408.789	3.87	Ovary	2R:-:11123003-11122965	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_12942	LNLNLPNVDPIAAEGSYTYDAKEEGPFQTNGALK	AGAP001826-PA	-	41	0.000791473	1	3649.799	-0.93	Head	2R:-:11122067-11121966	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_13121	FFGSESSLK	AGAP001826-PA	-	40	0.001367111	1	1001.497	3.54	Ovary	2R:-:11118443-11118417	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_13135	GLLGNGNYEPYDDLAVPNGKITEVSTDFANSYK	AGAP001826-PA	N5(Deamidated), N18(Deamidated),N30(Deamidated),"N7(Deamidated), N18(Deamidated)","N5(Deamidated), N30(Deamidated)"	86	2.91E-08	1	3563.684	3.76	Pupa	2R:-:11118617-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_13445	FTVLHESR	AGAP001826-PA	-	42	0.0011392	1	988.522	0.51	Larva	2R:-:11121266-11121243	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_13718	IVNAALSTLK	AGAP001826-PA	-	63	1.88E-06	1	1029.631	0.45	Visceras	2R:-:11125841-11125812	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_13902	FDNSNPQHLQLSLSFDTPGSQTK	AGAP001826-PA	-	90	1.45E-08	2	2561.228	0.32	Head	2R:-:11124461-11124393	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_14041	VEVYAGDNCQYTLK	AGAP001826-PA	C9(Carbamidomethyl)	108	1.61E-10	1	1659.770	0.74	Pupa	2R:-:11127170-11127129	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_14543	FELNGAVTNR	AGAP001826-PA	N4(Deamidated)	64	7.15E-06	2	1120.575	0.14	Pupa	2R:-:11123423-11123394	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_14703	VLNQAVER	AGAP001826-PA	-	55	2.72E-05	1	928.521	-0.06	Head	2R:-:11119235-11119212	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_14997	AGAAPALGAASEPR	AGAP001826-PA	-	130	1.07E-12	1	1238.650	1.27	Pupa	2R:-:11126603-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_15143	VAALQAYPAASCNK	AGAP001826-PA	C12(Carbamidomethyl)	76	4.46E-07	2	1463.734	1.63	Visceras	2R:-:11125886-11125845	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_15222	FTSQDGELNLEGSLIAVEK	AGAP001826-PA	-	95	4.51E-09	2	2050.042	3.69	Head	2R:-:11123393-11123337	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_15276	GLVTGIESVDAFLQLLQK	AGAP001826-PA	-	145	1.20E-14	1	1931.088	1.38	Pupa	2R:-:11117939-11117886	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_15279	STETDVFGVCQTSFSSYPSGDATVVEKVR	AGAP001826-PA	C10(Carbamidomethyl)	64	5.41E-06	1	3153.479	3.53	Malpighian tubule	2R:-:11126936-11126850	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_15481	LSAQGAGVAR	AGAP001826-PA	-	72	8.10E-07	2	929.516	-0.22	Head	2R:-:11124968-11124939	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_15612	NLFSFASGK	AGAP001826-PA	-	67	1.70E-06	1	970.501	1.79	Pupa	2R:-:11123813-11123787	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_15635	LGVNNNDKEVALYAVAHNGVEEYLAK	AGAP001826-PA	-	86	2.21E-08	1	2830.446	3.19	Ovary	2R:-:11124299-11124222	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_15747	FGDDFVR	AGAP001826-PA	-	57	1.91E-05	2	855.403	3.42	Larva	2R:-:11120396-11120376	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_15780	GQGELFALVTFVK	AGAP001826-PA	-	49	6.33E-05	2	1408.783	-0.3	Male reproductive organs	2R:-:11123003-11122965	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_15840	TTINGHVVSNGER	AGAP001826-PA	-	90	1.40E-08	2	1383.701	2.81	Malpighian tubule	2R:-:11124026-11123988	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_16035	IATSVSELFR	AGAP001826-PA	-	75	2.92E-07	2	1122.621	4.57	Larva	2R:-:11119586-11119557	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_16105	TIIFENPDQQPAGNLAVIKQELK	AGAP001826-PA	-	78	5.05E-08	1	2566.398	4.17	Head	2R:-:11126561-11126493	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_16171	IFQQVSEVFGQLSQVYVESFR	AGAP001826-PA	-	164	4.46E-16	1	2490.272	2.04	Pupa	2R:-:11119850-11119788	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_16228	SIVGFNER	AGAP001826-PA	-	35	0.0044438	2	921.479	0.1	Head	2R:-:11117551-11117674,11117152-11117461	exon=> In CDS Exon 6 and 5 of transcript AGAP001826-PA
JHU_Ag_16296	AQEDVIVAVLKGVR	AGAP001826-PA	-	88	4.02E-09	2	1496.888	5.94	Malpighian tubule	2R:-:11126006-11125965	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_16328	STPLLQSSYNAQQTIK	AGAP001826-PA	-	99	1.42E-09	2	1778.928	-0.18	Midgut	2R:-:11126768-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_16348	GTLDGDKQTADGSVEFDVFK	AGAP001826-PA	-	122	1.02E-11	1	2129.008	2.27	Pupa	2R:-:11120714-11120655	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_16487	YDDVVAVSAVER	AGAP001826-PA	-	75	5.94E-07	2	1322.658	-0.36	Head	2R:-:11117394-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_16559	VNLEVAYTDNSFK	AGAP001826-PA	N2(Deamidated), N10(Deamidated)	119	1.72E-11	1	1499.740	1.56	Pupa	2R:-:11123852-11123814	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_16644	VAALQAYPAASCNK	AGAP001826-PA	C12(Carbamidomethyl)	74	5.95E-07	2	1463.739	5.3	Malpighian tubule	2R:-:11125886-11125845	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_16667	YELSQYAEFELKPEAQGLESLK	AGAP001826-PA	-	106	3.76E-10	1	2572.288	2.45	Head	2R:-:11123762-11123697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_16870	YQYLFYVHPTSAGASLILPTR	AGAP001826-PA	Q2(Deamidated)	117	1.48E-11	1	2397.271	4.64	Malpighian tubule	2R:-:11120996-11120934	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_17127	VSLLLPTGR	AGAP001826-PA	-	42	0.000241129	2	955.596	2.25	Larva	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_17700	KEDLLTLYNQVK	AGAP001826-PA	-	69	7.54E-07	1	1463.816	3.92	Malpighian tubule	2R:-:11126402-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_17816	AGAAPALGAASEPR	AGAP001826-PA	-	115	3.99E-11	1	1238.649	0.19	Head	2R:-:11126603-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_17927	YANSDQSFK	AGAP001826-PA	-	33	0.002880235	1	1059.474	-0.02	Pupa	2R:-:11120621-11120595	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_18178	TSNKFPFDVR	AGAP001826-PA	-	59	1.29E-05	1	1210.622	0.68	Male reproductive organs	2R:-:11125601-11125572	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_18239	LSTNLVSALPEFGK	AGAP001826-PA	-	86	2.02E-08	1	1475.812	0.73	Head	2R:-:11119985-11119944	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_18354	IVNAALSTLK	AGAP001826-PA	-	47	7.19E-05	1	1029.631	1.12	Head	2R:-:11125841-11125812	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_18365	IHAYLSLVECPSANVANELK	AGAP001826-PA	C10(Carbamidomethyl), N14(Deamidated),C10(Carbamidomethyl)	132	8.46E-13	1	2228.142	1.74	Pupa	2R:-:11125784-11125725	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_18413	RGLISLFQVAQEK	AGAP001826-PA	-	48	7.22E-05	3	1488.853	-0.14	Head	2R:-:11126975-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_18425	YGAQVMCTTDLK	AGAP001826-PA	M6(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	81	7.52E-08	1	1402.633	-0.85	Pupa	2R:-:11118698-11118663	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_18450	DFNLDVTMK	AGAP001826-PA	M8(Oxidation)	33	0.004700325	2	1098.514	0.73	Pupa	2R:-:11125193-11125167	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_18705	SVEWAGELKDMDVK	AGAP001826-PA	M11(Oxidation)	59	2.30E-05	1	1622.779	3.44	Larva	2R:-:11122586-11122545	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_18711	IVVESLDGGK	AGAP001826-PA	-	46	0.000494626	1	1016.562	0.13	Male reproductive organs	2R:-:11124107-11124078	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_18904	YNLENIEWTSPYAPK	AGAP001826-PA	-	43	0.000818691	2	1824.878	-1.16	Midgut	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_18956	LSEEYQYLPYLK	AGAP001826-PA	-	92	1.29E-08	1	1545.792	5.33	Larva	2R:-:11126696-11126661	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_19295	VEVYAGDNCQYTLK	AGAP001826-PA	C9(Carbamidomethyl)	98	1.81E-09	1	1659.777	5.23	Larva	2R:-:11127170-11127129	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_19429	AVQVLEK	AGAP001826-PA	-	43	0.000872621	2	786.474	2.34	Larva	2R:-:11119532-11119512	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_19502	STPLLQSSYNAQQTIKGGLLSAVK	AGAP001826-PA	-	54	1.14E-05	1	2504.389	6.71	Malpighian tubule	2R:-:11126768-11126697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_19601	KVYLDALFR	AGAP001826-PA	-	32	0.001947144	1	1124.648	1.83	Visceras	2R:-:11126330-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_19727	DSTVELTAK	AGAP001826-PA	-	53	7.85E-05	2	963.502	2.36	Larva	2R:-:11118824-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_19854	YGADFTAALVGGYHTGGHGKPATHDLK	AGAP001826-PA	-	110	1.61E-10	1	2741.350	2.42	Pupa	2R:-:11122325-11122245	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_19881	ITEVSTDFANSYK	AGAP001826-PA	-	42	0.001027538	2	1474.708	1.02	Midgut	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_20207	EYFDGFDR	AGAP001826-PA	-	33	0.001183539	2	1048.437	0.2	Pupa	2R:-:11119430-11119407	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_20213	GLLGNGNYEPYDDLAVPNGK	AGAP001826-PA	N5(Deamidated)	77	2.70E-07	2	2107.002	1.93	Head	2R:-:11118617-11118558	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_20261	MAASVYDKQPGGK	AGAP001826-PA	M1(Oxidation)	53	7.90E-05	1	1367.667	3.27	Malpighian tubule	2R:-:11122631-11122593	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_20979	QYISIVAAVLADQLSR	AGAP001826-PA	-	132	3.81E-13	2	1746.979	2.5	Pupa	2R:-:11117295-11117248	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_21043	LDNKPVNDVEELK	AGAP001826-PA	-	86	2.71E-08	1	1512.796	3.54	Larva	2R:-:11119298-11119260	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_21133	AQEDVIVAVLK	AGAP001826-PA	Q2(Deamidated)	64	2.24E-06	1	1184.686	-2.52	Male reproductive organs	2R:-:11126006-11125974	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_21337	LNLNLPNVDPIAAEGSYTYDAK	AGAP001826-PA	-	129	1.91E-12	1	2378.193	2.16	Pupa	2R:-:11122067-11122002	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_21388	VLPALK	AGAP001826-PA	-	24	0.002819019	1	640.438	-1.23	Pupa	2R:-:11119727-11119710	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_21399	GNQLITLPAKR	AGAP001826-PA	-	66	5.92E-07	1	1210.726	-0.27	Pupa	2R:-:11124641-11124609	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_21413	DFNNPSNKYELSQYAEFELKPEAQGLESLK	AGAP001826-PA	-	117	2.72E-11	1	3488.694	2.22	Pupa	2R:-:11123786-11123697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_21668	FDHTTDVQLK	AGAP001826-PA	-	56	4.06E-05	1	1203.602	1.55	Larva	2R:-:11121044-11121015	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_22013	VYLDALFR	AGAP001826-PA	-	73	3.25E-07	2	996.551	0.05	Pupa	2R:-:11126327-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_22022	VLNQAVER	AGAP001826-PA	-	41	0.00060706	2	928.525	3.68	Malpighian tubule	2R:-:11119235-11119212	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_22056	TSANGLKFDHTTDVQLK	AGAP001826-PA	N4(Deamidated)	76	3.95E-07	1	1875.945	0.02	Male reproductive organs	2R:-:11121065-11121015	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_22138	DKFGPFDGSVSFYLDK	AGAP001826-PA	-	91	1.20E-08	1	1821.883	7.28	Pupa	2R:-:11120897-11120850	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_22549	GLISLFQVAQEK	AGAP001826-PA	-	104	2.95E-10	2	1332.753	0.74	Midgut	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_23108	DLGNCAYRESLSNSFVTR	AGAP001826-PA	C5(Carbamidomethyl)	95	5.29E-09	1	2088.987	5.01	Malpighian tubule	2R:-:11126849-11126796	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_23131	VLPALK	AGAP001826-PA	-	24	0.002924813	1	640.442	3.73	Larva	2R:-:11119727-11119710	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_23144	YSDLEGKDVVLDVTLK	AGAP001826-PA	-	102	6.50E-10	1	1793.962	5.09	Malpighian tubule	2R:-:11122511-11122464	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_23578	GGLLSAVK	AGAP001826-PA	-	36	0.00306835	2	744.463	2.64	Larva	2R:-:11126720-11126697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_23808	LYVSACTLYGIPTVLPSQCEK	AGAP001826-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	67	3.26E-06	2	2399.209	4.14	Larva	2R:-:11118311-11118249	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_24073	GFFSGMDMQAAYDLLAEQYQK	AGAP001826-PA	M6(Oxidation), M8(Oxidation)	73	4.30E-07	2	2445.080	2.37	Visceras	2R:-:11125352-11125290	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_24569	VTTKLTLTGNK	AGAP001826-PA	-	57	5.91E-06	1	1175.702	2.01	Malpighian tubule	2R:-:11126636-11126604	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_24649	VYQVGSFITSHLASLR	AGAP001826-PA	-	117	1.47E-11	1	1777.965	2.98	Head	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_24768	ENLGATTEVYALR	AGAP001826-PA	-	105	5.15E-10	2	1436.737	-0.56	Pupa	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_24966	GLVTGIESVDAFLQLLQK	AGAP001826-PA	-	146	6.21E-15	1	1931.096	5.55	Larva	2R:-:11117939-11117886	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_25049	FSVEVNAKPGSNGK	AGAP001826-PA	-	55	5.35E-05	1	1433.742	2.26	Visceras	2R:-:11121518-11121477	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_25189	VGTGDAVEAITQLYK	AGAP001826-PA	-	126	3.61E-12	1	1564.826	2.84	Head	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_25417	VLNQAVER	AGAP001826-PA	-	53	3.92E-05	2	928.525	3.68	Ovary	2R:-:11119235-11119212	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_25518	VNAPVYDVAADFYYDFEKDNSK	AGAP001826-PA	-	34	0.005486411	1	2570.178	2.31	Head	2R:-:11122928-11122863	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_25640	TETTNDCVCYLR	AGAP001826-PA	C7(Carbamidomethyl), C9(Carbamidomethyl),"N5 (Deamidated), C7(Carbamidomethyl), C9(Carbamidomethyl)"	101	3.38E-10	1	1531.651	-0.2	Pupa	2R:-:11117247-11117212	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_25814	DLIHQLR	AGAP001826-PA	-	42	0.000505048	1	894.515	-0.68	Ovary	2R:-:11119058-11119038	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_25835	FGGNFFVLQNYAQQK	AGAP001826-PA	-	80	1.65E-07	1	1760.884	4.92	Ovary	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_25861	SVLVFR	AGAP001826-PA	-	33	0.000997134	2	720.440	-0.55	Pupa	2R:-:11117789-11117772	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_25948	KYYTVTVGTK	AGAP001826-PA	-	52	0.000106727	1	1159.638	1.49	Male reproductive organs	2R:-:11118728-11118699	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_26055	STETDVFGVCQTSFSSYPSGDATVVEK	AGAP001826-PA	C10(Carbamidomethyl)	97	2.01E-09	2	2898.302	0.99	Pupa	2R:-:11126936-11126856	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_26064	VYLDALFR	AGAP001826-PA	-	55	2.00E-05	2	996.552	0.29	Head	2R:-:11126327-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_26079	TIIFENPDQQPAGNLAVIK	AGAP001826-PA	-	113	4.15E-11	1	2068.107	-0.1	Male reproductive organs	2R:-:11126561-11126505	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_26149	STPLLQSSYNAQQTIK	AGAP001826-PA	-	97	2.06E-09	1	1778.935	3.87	Malpighian tubule	2R:-:11126768-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_26552	YDDVVAVSAVER	AGAP001826-PA	-	92	1.10E-08	2	1322.660	0.84	Pupa	2R:-:11117394-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_26614	EEGPFQTNGALK	AGAP001826-PA	N8(Deamidated)	40	0.001578214	1	1291.621	3.47	Larva	2R:-:11122001-11121966	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_26710	LAEELNK	AGAP001826-PA	-	41	0.001708312	2	816.449	3.53	Larva	2R:-:11120006-11119986	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_26935	YNGKETDLPIHQK	AGAP001826-PA	N2(Deamidated)	49	0.000190488	1	1543.780	3.43	Larva	2R:-:11118785-11118747	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_27199	EFSYAVESLGVGASAETSVIYSQK	AGAP001826-PA	-	77	2.51E-07	2	2522.242	4.84	Pupa	2R:-:11125553-11125482	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_27204	STVESYTNGNVGKK	AGAP001826-PA	N8(Deamidated)	70	1.47E-06	1	1483.743	2.83	Malpighian tubule	2R:-:11126492-11126451	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_27337	APSMDDIQVHATLK	AGAP001826-PA	M4(Oxidation)	58	2.79E-05	1	1541.768	3.53	Ovary	2R:-:11121917-11121876	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_27860	DILSGFADYSVK	AGAP001826-PA	-	71	1.08E-06	1	1314.660	1.43	Larva	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_28218	VMGEGKPLLNAK	AGAP001826-PA	M2(Oxidation)	46	0.000263681	1	1272.703	4.2	Ovary	2R:-:11120186-11120151	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_28781	CTKLELLSK	AGAP001826-PA	C1(Carbamidomethyl)	29	0.00882045	1	1091.625	11.03	Midgut	2R:-:11121188-11121162	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_29155	SIVGFNER	AGAP001826-PA	-	43	0.000710815	2	921.479	0.3	Male reproductive organs	2R:-:11117551-11117674,11117152-11117461	exon=> In CDS Exon 6 and 5 of transcript AGAP001826-PA
JHU_Ag_29193	VVSLTSYAPDGKK	AGAP001826-PA	-	78	1.38E-07	1	1364.742	-0.05	Head	2R:-:11127128-11127090	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_29345	FDNSNPQHLQLSLSFDTPGSQTK	AGAP001826-PA	-	56	3.60E-05	1	2561.240	5.27	Malpighian tubule	2R:-:11124461-11124393	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_29723	ADEAACGIAR	AGAP001826-PA	C6(Carbamidomethyl)	66	2.28E-06	2	1033.472	-1.17	Larva	2R:-:11118341-11118312	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_29728	DVYVFR	AGAP001826-PA	-	38	0.001124799	1	798.415	1.07	Pupa	2R:-:11118746-11118729	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_29787	ICHFFVSGFYFGR	AGAP001826-PA	C2(Carbamidomethyl)	50	0.000158227	1	1636.782	5.38	Larva	2R:-:11118662-11118624	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_29800	VEAIFFNVYEETVK	AGAP001826-PA	-	96	4.62E-09	2	1687.864	3.47	Pupa	2R:-:11119694-11119653	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_30319	GQGELFALVTFVK	AGAP001826-PA	-	89	6.32E-09	1	1408.787	2.73	Visceras	2R:-:11123003-11122965	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_30427	LNLNLPNVDPIAAEGSYTYDAKEEGPFQTNGALK	AGAP001826-PA	N30(Deamidated),Q28(Deamidated)	64	3.09E-06	1	3650.809	6.19	Pupa	2R:-:11122067-11121966	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_30496	DILSGFADYSVK	AGAP001826-PA	-	41	0.000940126	2	1314.656	-1.04	Visceras	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_30512	EKLSESGMSATLTASVGK	AGAP001826-PA	M8(Oxidation)	130	1.32E-12	1	1811.913	4.28	Larva	2R:-:11121320-11121267	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_30793	YNLENIEWTSPYAPK	AGAP001826-PA	-	69	2.20E-06	2	1824.886	2.92	Ovary	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_30874	APSMDDIQVHATLK	AGAP001826-PA	M4(Oxidation)	99	1.90E-09	1	1541.766	2.12	Head	2R:-:11121917-11121876	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_30974	FLPNRPVVFESQLNGLSSAK	AGAP001826-PA	-	99	6.62E-10	1	2203.197	4.64	Malpighian tubule	2R:-:11120318-11120259	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_31013	FFGSESSLK	AGAP001826-PA	-	39	0.001322556	1	1001.491	-2.74	Head	2R:-:11118443-11118417	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_31093	LVQEYFDTFDEFK	AGAP001826-PA	-	106	3.40E-10	1	1680.785	3.47	Pupa	2R:-:11119490-11119452	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_31464	GGLHPESLCTASDMQVLPPAKK	AGAP001826-PA	C9(Carbamidomethyl),M14(Oxidation)	43	0.000635819	1	2352.179	4.46	Larva	2R:-:11117211-11117474,11117036-11117057	exon=> In CDS Exon 7 and 6 of transcript AGAP001826-PA
JHU_Ag_31524	LGQADVSSGPK	AGAP001826-PA	-	69	2.02E-06	2	1058.549	1.44	Malpighian tubule	2R:-:11117981-11117949	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_31722	ALGHSAFKADAK	AGAP001826-PA	-	57	3.49E-05	2	1215.652	3.42	Larva	2R:-:11121668-11121633	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_31853	KYYTVTVGTK	AGAP001826-PA	-	75	4.45E-07	1	1159.639	3.07	Larva	2R:-:11118728-11118699	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_32101	FGGNFFVLQNYAQQK	AGAP001826-PA	-	60	1.72E-05	2	1760.872	-2.29	Midgut	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_32291	GFFSGMDMQAAYDLLAEQYQK	AGAP001826-PA	M6(Oxidation),M8(Oxidation)	69	1.14E-06	1	2445.085	4.37	Head	2R:-:11125352-11125290	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_32374	EEGPFQTNGALK	AGAP001826-PA	-	42	0.001155697	2	1290.639	4.8	Ovary	2R:-:11122001-11121966	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_32408	VMGEGKPLLNAK	AGAP001826-PA	M2(Oxidation)	75	4.41E-07	1	1272.699	0.62	Pupa	2R:-:11120186-11120151	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_32464	LSAQGAGVAR	AGAP001826-PA	-	65	5.35E-06	2	929.519	2.41	Ovary	2R:-:11124968-11124939	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_33169	VDQEELFEVYLEVEPK	AGAP001826-PA	-	70	1.55E-06	2	1965.975	2.94	Ovary	2R:-:11124527-11124480	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_33181	NFEFTGTAK	AGAP001826-PA	-	46	0.000257634	1	1014.492	2.47	Larva	2R:-:11121944-11121918	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_33243	FTSQDGELNLEGSLIAVEK	AGAP001826-PA	-	147	2.69E-14	1	2050.046	5.71	Larva	2R:-:11123393-11123337	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_33255	LDNKPVNDVEELK	AGAP001826-PA	-	43	0.000649188	1	1512.792	0.86	Visceras	2R:-:11119298-11119260	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_33432	LYGDAPMLNTNK	AGAP001826-PA	M7(Oxidation)	65	6.30E-06	2	1352.653	0.81	Male reproductive organs	2R:-:11121554-11121519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_33611	TIIFENPDQQPAGNLAVIKQELK	AGAP001826-PA	Q10(Deamidated),N14(Deamidated),Q9(Deamidated),Q20(Deamidated)	90	3.92E-09	2	2566.390	0.99	Pupa	2R:-:11126561-11126493	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_33673	SLKYDDVVAVSAVER	AGAP001826-PA	-	95	3.56E-09	1	1650.878	5.25	Malpighian tubule	2R:-:11117403-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_33811	TSNKFPFDVR	AGAP001826-PA	-	54	4.21E-05	1	1210.624	1.97	Visceras	2R:-:11125601-11125572	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_33827	LGVNNNDKEVALYAVAHNGVEEYLAK	AGAP001826-PA	-	164	4.20E-16	1	2830.437	-0.04	Head	2R:-:11124299-11124222	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_33878	TTINGHVVSNGER	AGAP001826-PA	N4(Deamidated)	82	8.61E-08	2	1383.693	-3.1	Head	2R:-:11124026-11123988	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_33935	STETDVFGVCQTSFSSYPSGDATVVEK	AGAP001826-PA	C10(Carbamidomethyl)	72	7.16E-07	2	2898.309	3.52	Malpighian tubule	2R:-:11126936-11126856	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_34000	LYGDAPMLNTNK	AGAP001826-PA	M7(Oxidation)	50	0.000158048	1	1352.654	1.53	Larva	2R:-:11121554-11121519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_34034	VSLLLPTGR	AGAP001826-PA	-	34	0.001830007	2	955.593	-0.63	Salivary gland	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_34076	NSDNLVAPLLDK	AGAP001826-PA	N1(Deamidated)	74	3.31E-07	1	1298.695	0	Pupa	2R:-:11125964-11125929	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_34302	ALAIR	AGAP001826-PA	-	32	0.002037746	1	543.363	2.9	Malpighian tubule	2R:-:11120735-11120721	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_34419	LVQEYFDTFDEFK	AGAP001826-PA	-	112	9.48E-11	1	1680.788	5.22	Larva	2R:-:11119490-11119452	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_34530	KEDLLTLYNQVK	AGAP001826-PA	-	90	6.61E-09	1	1463.810	0	Male reproductive organs	2R:-:11126402-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_34588	VGTGDAVEAITQLYK	AGAP001826-PA	-	104	4.99E-10	1	1564.830	5.1	Visceras	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_34643	VFEEDFNKIATSVSELFR	AGAP001826-PA	N7(Deamidated)	44	0.000564744	3	2132.048	-3.24	Midgut	2R:-:11119610-11119557	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_34661	SLVKDYSNAK	AGAP001826-PA	-	64	3.46E-06	1	1124.596	1.19	Pupa	2R:-:11124908-11124879	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_34742	MLGSTGVSANGALTFSHPTIK	AGAP001826-PA	M1(Oxidation), N10(Deamidated),N10(Deamidated)	178	2.43E-17	1	2106.055	0.75	Pupa	2R:-:11120798-11120736	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_34771	KVYLDALFR	AGAP001826-PA	-	69	4.81E-07	1	1124.647	0.31	Male reproductive organs	2R:-:11126330-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_34931	VMGEGKPLLNAK	AGAP001826-PA	M2(Oxidation)	55	4.63E-05	1	1272.698	-0.06	Male reproductive organs	2R:-:11120186-11120151	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_35189	TVDLHNDALKDFNLDVTMK	AGAP001826-PA	M18(Oxidation)	58	2.33E-05	1	2205.085	-0.28	Male reproductive organs	2R:-:11125223-11125167	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_35600	LAFVSLTLVQSMTQDALK	AGAP001826-PA	M12(Oxidation)	67	1.18E-06	2	1981.078	5.06	Head	2R:-:11126225-11126172	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_35624	FQESYAK	AGAP001826-PA	-	31	0.005013618	1	872.419	4.78	Larva	2R:-:11119943-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_35907	FGGNFFVLQNYAQQK	AGAP001826-PA	-	70	1.68E-06	2	1760.884	4.78	Larva	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_36086	VGTGDAVEAITQLYK	AGAP001826-PA	-	116	3.25E-11	1	1564.822	0.42	Male reproductive organs	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_36444	LEGVTAGELYVK	AGAP001826-PA	-	65	2.82E-06	2	1278.696	1.5	Head	2R:-:11124374-11124339	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_36700	YTSLFSNGGK	AGAP001826-PA	N7(Deamidated)	45	0.000324788	1	1074.510	0.05	Pupa	2R:-:11118029-11118000	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_36810	IVNAALSTLK	AGAP001826-PA	-	71	2.91E-07	1	1029.631	0.45	Pupa	2R:-:11125841-11125812	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_37039	EKLSESGMSATLTASVGK	AGAP001826-PA	M8(Oxidation)	71	1.15E-06	2	1811.907	0.58	Male reproductive organs	2R:-:11121320-11121267	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_37076	ITEVSTDFANSYK	AGAP001826-PA	N10(Deamidated)	96	4.52E-09	2	1474.706	0.28	Male reproductive organs	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_37246	ATGISDVNVAVIGYSK	AGAP001826-PA	-	155	2.64E-15	1	1593.853	2.67	Pupa	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_37296	APSMDDIQVHATLK	AGAP001826-PA	M4(Oxidation)	91	1.23E-08	1	1541.765	1.56	Male reproductive organs	2R:-:11121917-11121876	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_37452	SVDLGDWYSVK	AGAP001826-PA	-	54	4.88E-05	2	1268.618	1.43	Visceras	2R:-:11118227-11118195	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_37511	AVQVLEK	AGAP001826-PA	-	44	0.000623043	1	786.472	-0.36	Pupa	2R:-:11119532-11119512	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_37736	YRGDLTSTFK	AGAP001826-PA	-	43	0.000782099	2	1187.609	2.54	Larva	2R:-:11120348-11120319	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_37883	LSAQGAGVAR	AGAP001826-PA	-	63	6.95E-06	2	929.516	-0.28	Male reproductive organs	2R:-:11124968-11124939	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_37905	LNLNLPNVDPIAAEGSYTYDAK	AGAP001826-PA	-	90	1.38E-08	1	2378.200	5.09	Larva	2R:-:11122067-11122002	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_38018	GFFSGMDMQAAYDLLAEQYQK	AGAP001826-PA	M6(Oxidation), M8(Oxidation)	114	3.74E-11	1	2445.085	4.57	Malpighian tubule	2R:-:11125352-11125290	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_38048	DILSGFADYSVK	AGAP001826-PA	-	77	2.46E-07	1	1314.658	0.54	Male reproductive organs	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_38099	SVDLGDWYSVK	AGAP001826-PA	-	75	3.85E-07	1	1268.618	1.52	Head	2R:-:11118227-11118195	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_38335	VSGSLLPQVTELSVVVDEYCEHHAK	AGAP001826-PA	C20(Carbamidomethyl)	116	3.90E-11	1	2796.385	-0.71	Head	2R:-:11122418-11122344	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_38369	ENLGATTEVYALRR	AGAP001826-PA	-	43	0.000619833	1	1592.840	0.53	Male reproductive organs	2R:-:11117867-11117826	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_38413	LSTNLVSALPEFGKFQESYAK	AGAP001826-PA	-	80	9.32E-08	1	2329.216	3.47	Pupa	2R:-:11119985-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_38440	ESLSNSFVTR	AGAP001826-PA	-	49	0.000216 03	2	1139.568	-1.1	Head	2R:-:11126825-11126796	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_38931	SVLVFRSDSFEIAQPGSAMSAALGMANVK	AGAP001826-PA	M19(Oxidation), M25(Oxidation)	90	1.39E-08	1	3015.506	4.93	Malpighian tubule	2R:-:11117789-11123054,11117542-11117633	exon=> In CDS Exon 5 and 4 of transcript AGAP001826-PA
JHU_Ag_39048	TAFGADISKPVQFTLSNDELLPEICTEADDTDFSLNVKR	AGAP001826-PA	C25(Carbamidomethyl)	121	4.78E-12	1	4357.149	7.07	Malpighian tubule	2R:-:11127089-11126973	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_39196	FSVENAVVVSETNPSVDFTLGYPGK	AGAP001826-PA	-	91	1.20E-08	2	2656.309	-1.82	Pupa	2R:-:11121770-11121696	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_39348	TIIFENPDQQPAGNLAVIK	AGAP001826-PA	-	111	6.83E-11	1	2068.112	2.14	Visceras	2R:-:11126561-11126505	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_39515	STPLLQSSYNAQQTIKGGLLSAVK	AGAP001826-PA	-	41	0.000266705	1	2504.378	2.32	Pupa	2R:-:11126768-11126697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_39559	VVSLTSYAPDGKK	AGAP001826-PA	-	95	3.04E-09	1	1364.741	-0.5	Pupa	2R:-:11127128-11127090	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_39694	LSTNLVSALPEFGK	AGAP001826-PA	-	98	1.47E-09	1	1475.818	5.12	Larva	2R:-:11119985-11119944	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_39736	LQEDIMSDPALAEFVK	AGAP001826-PA	M6(Oxidation)	142	9.13E-14	1	1821.898	2.4	Pupa	2R:-:11119910-11119863	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_40115	VIQCAGPDASSR	AGAP001826-PA	C4(Carbamidomethyl)	60	1.18E-05	2	1260.601	0.56	Head	2R:-:11125928-11125893	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_40135	TVDLHNDALK	AGAP001826-PA	-	44	0.000474113	2	1125.589	-1.1	Head	2R:-:11125223-11125194	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_40333	LTLTGNKAGAAPALGAASEPR	AGAP001826-PA	-	87	1.23E-08	1	1966.079	3.8	Malpighian tubule	2R:-:11126624-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_40430	GNQLITLPAK	AGAP001826-PA	-	64	1.29E-06	2	1054.629	3.67	Ovary	2R:-:11124641-11124612	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_40573	VAALQAYPAASCNKK	AGAP001826-PA	C12(Carbamidomethyl), N13(Deamidated),C12(Carbamidomethyl)	86	3.75E-08	1	1591.825	-0.42	Pupa	2R:-:11125886-11125842	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_40635	GQDPNGKFTFVVK	AGAP001826-PA	N5(Deamidated)	51	1.00E-04	1	1437.739	0.95	Pupa	2R:-:11123155-11123258,11117745-11123043	exon=> In CDS Exon 4 and 3 of transcript AGAP001826-PA

JHU_Ag_40700	TVAVEGVLNLPK	AGAP001826-PA	-	81	2.09E-08	2	1239.737	4.71	Malpighian tubule	2R:-:11120933-11120898	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_40927	FLPYVSSIQFSPWNFVR	AGAP001826-PA	-	93	6.19E-09	1	2087.083	3.99	Larva	2R:-:11119133-11119083	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_40998	LSTNLVSALPEFGKFQESYAK	AGAP001826-PA	-	72	6.06E-07	1	2329.213	2.21	Ovary	2R:-:11119985-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_41014	FGDDFVR	AGAP001826-PA	-	37	0.001919295	2	855.402	3.13	Ovary	2R:-:11120396-11120376	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_41103	GASGGRDEYVPIFTIR	AGAP001826-PA	-	75	3.93E-07	1	1737.894	1.17	Male reproductive organs	2R:-:11124206-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_41104	VVSLTSYAPDGK	AGAP001826-PA	-	88	2.01E-08	2	1236.652	4.29	Larva	2R:-:11127128-11127093	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_41293	YELNVQSQGNPKPVDGK	AGAP001826-PA	-	92	8.45E-09	1	1872.952	3.6	Larva	2R:-:11122781-11122731	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_41692	YNGKETDLPIHQK	AGAP001826-PA	-	40	0.001265527	1	1542.792	0.86	Male reproductive organs	2R:-:11118785-11118747	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_41872	LAFVSLTLVQSMTQDALK	AGAP001826-PA	M12(Oxidation)	63	3.42E-06	2	1981.074	3.09	Visceras	2R:-:11126225-11126172	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_42121	GNGKLNLNLPNVDPIAAEGSYTYDAK	AGAP001826-PA	N6(Deamidated),N8(Deamidated),N11(Deamidated),N2(Deamidated)	75	3.45E-07	1	2735.358	2.06	Pupa	2R:-:11122079-11122002	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_42158	YANSDQSFK	AGAP001826-PA	-	37	0.000897927	2	1059.473	-1.29	Larva	2R:-:11120621-11120595	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_42300	ICHFFVSGFYFGR	AGAP001826-PA	C2(Carbamidomethyl)	36	0.003829769	1	1636.781	4.81	Ovary	2R:-:11118662-11118624	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_42456	GFFSGMDMQAAYDLLAEQYQK	AGAP001826-PA	M6(Oxidation), M8(Oxidation)	115	2.58E-11	1	2445.077	1.48	Larva	2R:-:11125352-11125290	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_42465	ASEGGKDILSGFADYSVK	AGAP001826-PA	-	84	5.87E-08	2	1843.914	3.68	Head	2R:-:11121461-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_42666	FQESYAK	AGAP001826-PA	-	39	0.000795045	2	872.415	-0.18	Male reproductive organs	2R:-:11119943-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_42833	GASGGRDEYVPIFTIR	AGAP001826-PA	-	76	3.06E-07	1	1737.893	0.39	Head	2R:-:11124206-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_43021	DILSGFADYSVK	AGAP001826-PA	-	56	3.14E-05	2	1314.661	2.86	Salivary gland	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_43288	EAYLSVGSLVSK	AGAP001826-PA	-	76	2.39E-07	2	1252.678	-0.1	Midgut	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_43383	GLISLFQVAQEK	AGAP001826-PA	-	94	2.61E-09	2	1332.759	5.13	Malpighian tubule	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_43470	LLDGNPPREAYLSVGSLVSK	AGAP001826-PA	N5(Deamidated)	128	9.45E-13	1	2115.148	1.69	Pupa	2R:-:11126159-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_43536	VNLEVAYTDNSFK	AGAP001826-PA	-	57	3.15E-05	2	1499.740	1.8	Ovary	2R:-:11123852-11123814	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_43568	GLLGNGNYEPYDDLAVPNGKITEVSTDFANSYK	AGAP001826-PA	-	65	3.85E-06	1	3561.714	3.25	Malpighian tubule	2R:-:11118617-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_43680	YRGDLTSTFK	AGAP001826-PA	-	42	0.000968226	2	1187.599	-5.79	Male reproductive organs	2R:-:11120348-11120319	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_43811	FSVEVNAKPGSNGK	AGAP001826-PA	N12(Deamidated)	119	2.01E-11	1	1434.723	0.55	Pupa	2R:-:11121518-11121477	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_43910	QELVSVNFR	AGAP001826-PA	-	42	0.000802457	2	1091.584	-0.03	Male reproductive organs	2R:-:11124692-11124666	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_43914	NLFSFASGK	AGAP001826-PA	-	49	0.000112761	2	970.499	-0.05	Male reproductive organs	2R:-:11123813-11123787	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_43920	ALGHSAFK	AGAP001826-PA	-	39	0.002251527	1	830.455	3.97	Ovary	2R:-:11121668-11121645	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_43959	GLISLFQVAQEK	AGAP001826-PA	-	98	1.09E-09	1	1332.758	4.4	Head	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_44082	VFGSELFFLSTGENVPTDPEQFLDK	AGAP001826-PA	-	66	3.20E-06	2	2816.379	4.28	Pupa	2R:-:11125166-11125092	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_44128	SVEWAGELK	AGAP001826-PA	-	35	0.006904216	2	1018.521	0.11	Head	2R:-:11122586-11122560	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_44212	TDKYTSLFSNGGK	AGAP001826-PA	-	45	0.000546279	2	1417.697	0.53	Visceras	2R:-:11118038-11118000	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_44374	DVYVFR	AGAP001826-PA	-	35	0.002139627	1	798.418	3.9	Larva	2R:-:11118746-11118729	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_44525	VSLLLPTGR	AGAP001826-PA	-	46	0.000120907	1	955.593	-0.74	Head	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_44562	DILSGFADYSVK	AGAP001826-PA	-	65	3.92E-06	2	1314.659	1.1	Ovary	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_44569	LSTNLVSALPEFGK	AGAP001826-PA	-	86	2.22E-08	1	1475.814	2.47	Visceras	2R:-:11119985-11119944	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_44597	YSDLEGKDVVLDVTLK	AGAP001826-PA	-	149	1.23E-14	1	1793.955	1.07	Pupa	2R:-:11122511-11122464	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_45374	NQLNADFEVTR	AGAP001826-PA	N1(Deamidated), Q2(Deamidated)	70	1.85E-06	2	1306.639	0.61	Head	2R:-:11120066-11120034	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_45541	NKVTQTSFDSK	AGAP001826-PA	-	63	6.62E-06	1	1254.633	0.09	Pupa	2R:-:11122841-11122809	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_45725	LVEHYFGPK	AGAP001826-PA	-	40	0.001770918	1	1089.574	1.02	Visceras	2R:-:11125379-11125353	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_45950	IATSVSELFR	AGAP001826-PA	-	48	0.000152408	2	1122.616	0.87	Visceras	2R:-:11119586-11119557	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_46057	FALHDATAYDLTVDALQGK	AGAP001826-PA	-	48	0.000251935	1	2049.036	3.52	Ovary	2R:-:11124749-11124693	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_46178	QELVSVNFR	AGAP001826-PA	-	36	0.002693781	2	1091.588	3.44	Ovary	2R:-:11124692-11124666	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_46336	VLVDKEEFATYDFK	AGAP001826-PA	-	124	7.60E-12	1	1703.855	1.41	Head	2R:-:11123206-11123165	exon=> In CDS Exon 3 of transcript AGAP001826-PA
JHU_Ag_46379	ALGHSAFK	AGAP001826-PA	-	46	0.000407636	1	830.451	-0.81	Head	2R:-:11121668-11121645	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_46647	EAYLSVGSLVSK	AGAP001826-PA	-	68	1.25E-06	1	1252.680	0.98	Visceras	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_46666	FTVLHESR	AGAP001826-PA	-	53	7.43E-05	1	988.525	3.66	Ovary	2R:-:11121266-11121243	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_46762	NQLNADFEVTR	AGAP001826-PA	-	69	2.10E-06	1	1306.644	4.34	Larva	2R:-:11120066-11120034	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_46853	DEYVPIFTIR	AGAP001826-PA	-	35	0.002848624	1	1252.667	7.38	Larva	2R:-:11124188-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_46899	YQYLFYVHPTSAGASLILPTR	AGAP001826-PA	-	101	4.86E-10	1	2397.273	5.26	Larva	2R:-:11120996-11120934	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_47243	EDLLTLYNQVK	AGAP001826-PA	-	82	6.21E-08	2	1335.716	0.73	Pupa	2R:-:11126399-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_47549	VVSLTSYAPDGK	AGAP001826-PA	-	55	3.85E-05	2	1236.653	4.88	Malpighian tubule	2R:-:11127128-11127093	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_47624	VKSIVGFNER	AGAP001826-PA	-	47	0.000158807	1	1148.646	3.27	Malpighian tubule	2R:-:11117557-11117674,11117152-11117461	exon=> In CDS Exon 6 and 5 of transcript AGAP001826-PA
JHU_Ag_47880	TKFFDAVHNVK	AGAP001826-PA	-	78	2.27E-07	1	1305.695	-0.04	Pupa	2R:-:11122544-11122512	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_48180	FTFVVK	AGAP001826-PA	-	42	0.000235755	2	740.433	-1.95	Visceras	2R:-:11123134-11123258,11117745-11123043	exon=> In CDS Exon 4 and 3 of transcript AGAP001826-PA

JHU_Ag_48720	DLGNCAYR	AGAP001826-PA	C5(Carbamidomethyl)	48	0.000100458	1	968.425	-0.27	Pupa	2R:-:11126849-11126826	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_48899	ESLSNSFVTR	AGAP001826-PA	N5(Deamidated)	48	0.000220854	2	1140.556	2.32	Larva	2R:-:11126825-11126796	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_49468	VVSLTSYAPDGK	AGAP001826-PA	-	79	1.54E-07	2	1236.648	0.53	Head	2R:-:11127128-11127093	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_49471	TTINGHVVSNGER	AGAP001826-PA	N4(Deamidated),N10(Deamidated)	92	8.81E-09	1	1384.685	2.28	Larva	2R:-:11124026-11123988	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_49616	TPGDYDVQLGGSLNK	AGAP001826-PA	-	126	4.27E-12	1	1563.767	0.98	Pupa	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_49633	EAYLSVGSLVSK	AGAP001826-PA	-	76	1.84E-07	1	1252.684	4.68	Larva	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_49802	IVNAALSTLK	AGAP001826-PA	-	42	0.000226062	1	1029.634	3.96	Larva	2R:-:11125841-11125812	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_49957	FFDAVHNVK	AGAP001826-PA	-	48	0.000343266	1	1076.556	3.12	Ovary	2R:-:11122538-11122512	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_50356	FALHDATAYDLTVDALQGK	AGAP001826-PA	-	115	4.49E-11	1	2049.042	6.33	Larva	2R:-:11124749-11124693	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_50569	ICHFFVSGFYFGR	AGAP001826-PA	C2(Carbamidomethyl)	61	1.34E-05	1	1636.774	0.45	Pupa	2R:-:11118662-11118624	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_50583	VIQCAGPDASSR	AGAP001826-PA	C4(Carbamidomethyl)	63	6.61E-06	1	1260.603	2.11	Malpighian tubule	2R:-:11125928-11125893	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_50690	GIMFNMVAPLK	AGAP001826-PA	M3(Oxidation), M6(Oxidation)	52	8.49E-05	2	1252.643	0.45	Male reproductive organs	2R:-:11117626-11117594	exon=> In CDS Exon 5 of transcript AGAP001826-PA
JHU_Ag_50753	GGLLSAVK	AGAP001826-PA	-	38	0.001695592	1	744.461	0.02	Pupa	2R:-:11126720-11126697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_50902	SVTLVDKDSTVELTAK	AGAP001826-PA	-	101	5.71E-10	1	1705.929	3.88	Larva	2R:-:11118845-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_50993	GLISLFQVAQEK	AGAP001826-PA	-	68	1.08E-06	2	1332.757	3.94	Salivary gland	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_51201	TSQACAAVADHGHDSHDHSSPTCAK	AGAP001826-PA	C5(Carbamidomethyl), C23(Carbamidomethyl)	184	1.88E-18	1	2647.116	5.83	Larva	2R:-:11118518-11118444	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_51263	LSEEYQYLPYLK	AGAP001826-PA	-	73	1.02E-06	1	1545.789	3.43	Visceras	2R:-:11126696-11126661	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_51278	TFAQTFSK	AGAP001826-PA	-	49	0.000106021	1	929.476	3.45	Larva	2R:-:11119556-11119533	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_51411	LQLTADDKK	AGAP001826-PA	-	32	0.008121019	2	1031.572	-1.1	Head	2R:-:11121797-11121771	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_51434	TDKYTSLFSNGGK	AGAP001826-PA	-	88	2.97E-08	1	1417.698	1.22	Head	2R:-:11118038-11118000	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_51729	SVTLVDKDSTVELTAK	AGAP001826-PA	-	53	3.88E-05	2	1705.926	2.37	Ovary	2R:-:11118845-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_52126	TETTNDCVCYLR	AGAP001826-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	71	3.49E-07	2	1531.653	0.84	Ovary	2R:-:11117247-11117212	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_52535	AQEDVIVAVLK	AGAP001826-PA	-	85	2.01E-08	1	1184.692	3.04	Larva	2R:-:11126006-11125974	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_53095	NSDNLVAPLLDK	AGAP001826-PA	-	80	9.57E-08	2	1298.690	-4.23	Male reproductive organs	2R:-:11125964-11125929	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_53204	FGGNFFVLQNYAQQK	AGAP001826-PA	-	75	5.07E-07	2	1760.877	0.9	Visceras	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_53267	TANLFVELIQLMR	AGAP001826-PA	M12(Oxidation)	60	7.78E-06	2	1563.864	4.66	Larva	2R:-:11126450-11126412	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_53391	LSEEYQYLPYLK	AGAP001826-PA	-	96	4.71E-09	1	1545.788	2.56	Pupa	2R:-:11126696-11126661	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_53739	VEVYAGDNCQYTLK	AGAP001826-PA	C9(Carbamidomethyl)	65	3.36E-06	1	1659.770	0.82	Visceras	2R:-:11127170-11127129	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_53742	SIVGFNER	AGAP001826-PA	-	37	0.002922513	1	921.480	0.96	Ovary	2R:-:11117551-11117674,11117152-11117461	exon=> In CDS Exon 6 and 5 of transcript AGAP001826-PA
JHU_Ag_53918	FPFDVR	AGAP001826-PA	-	30	0.008962333	2	780.404	0.67	Head	2R:-:11125589-11125572	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_54082	TPGDYDVQLGGSLNK	AGAP001826-PA	-	58	2.59E-05	2	1563.773	5.12	Salivary gland	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_54229	LYAFNPFAR	AGAP001826-PA	-	53	4.73E-05	1	1098.573	0.26	Head	2R:-:11119037-11119011	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_54325	KTANLFVELIQLMR	AGAP001826-PA	M13(Oxidation)	47	5.18E-05	1	1691.960	5.24	Malpighian tubule	2R:-:11126453-11126412	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_54354	FSVEVNAKPGSNGK	AGAP001826-PA	N12(Deamidated)	63	9.04E-06	1	1433.743	3.28	Malpighian tubule	2R:-:11121518-11121477	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_54477	LSTNLVSALPEFGKFQESYAK	AGAP001826-PA	-	69	1.33E-06	1	2329.216	3.55	Head	2R:-:11119985-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_54786	NQLNADFEVTR	AGAP001826-PA	-	64	7.15E-06	1	1306.640	0.79	Male reproductive organs	2R:-:11120066-11120034	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_54956	LYAFNPFAR	AGAP001826-PA	-	54	3.81E-05	1	1098.579	5.03	Malpighian tubule	2R:-:11119037-11119011	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_55069	SLKYDDVVAVSAVER	AGAP001826-PA	-	50	0.000121377	2	1650.872	1.55	Head	2R:-:11117403-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_55084	RGLISLFQVAQEK	AGAP001826-PA	-	52	2.33E-05	2	1488.863	6.28	Larva	2R:-:11126975-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_55105	ATGISDVNVAVIGYSK	AGAP001826-PA	-	122	5.08E-12	1	1593.857	5.27	Larva	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_55311	VPMFHMHAQLGDGGHFFTFDDK	AGAP001826-PA	M3(Oxidation), M6(Oxidation)	73	4.12E-07	1	2566.135	2.9	Larva	2R:-:11119010-11118945	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_55407	AFLVSLK	AGAP001826-PA	-	36	0.000814986	1	777.490	3.51	Ovary	2R:-:11120087-11120067	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_55624	YRGDLTSTFK	AGAP001826-PA	-	52	0.000100533	1	1187.605	-0.44	Pupa	2R:-:11120348-11120319	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_55811	FYLDGEYGYDKYK	AGAP001826-PA	-	66	2.77E-06	1	1660.758	3.23	Ovary	2R:-:11123630-11123592	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_55964	AQEDVIVAVLK	AGAP001826-PA	Q2(Deamidated)	100	5.43E-10	1	1184.692	2.84	Malpighian tubule	2R:-:11126006-11125974	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_55995	KYYTVTVGTK	AGAP001826-PA	-	65	5.91E-06	1	1159.637	0.65	Pupa	2R:-:11118728-11118699	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_56095	VGTGDAVEAITQLYK	AGAP001826-PA	-	89	1.67E-08	2	1564.820	-1.45	Midgut	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_56218	ATGISDVNVAVIGYSK	AGAP001826-PA	-	84	3.39E-08	1	1593.848	-0.16	Midgut	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_56238	GLVTGIESVDAFLQLLQK	AGAP001826-PA	-	119	3.59E-12	1	1931.094	4.73	Ovary	2R:-:11117939-11117886	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_56489	DEYVPIFTIR	AGAP001826-PA	-	55	3.93E-05	2	1252.658	0.89	Pupa	2R:-:11124188-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_56680	AFLVSLK	AGAP001826-PA	-	32	0.002168453	1	777.489	3.2	Larva	2R:-:11120087-11120067	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_56710	GNQLITLPAK	AGAP001826-PA	-	67	7.05E-07	2	1054.626	0.43	Pupa	2R:-:11124641-11124612	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_56738	SDSFEIAQPGSAMSAALGMANVK	AGAP001826-PA	M13(Oxidation), M19(Oxidation)	54	5.70E-05	2	2314.066	-1.25	Male reproductive organs	2R:-:11117771-11123054,11117542-11117633	exon=> In CDS Exon 5 and 4 of transcript AGAP001826-PA
JHU_Ag_56766	LVQEYFDTFDEFK	AGAP001826-PA	-	54	6.73E-05	2	1680.788	4.93	Ovary	2R:-:11119490-11119452	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_56791	STPLLQSSYNAQQTIK	AGAP001826-PA	-	112	7.25E-11	1	1778.932	2.08	Visceras	2R:-:11126768-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_56981	FFDAVHNVK	AGAP001826-PA	-	64	8.17E-06	2	1076.552	-0.1	Head	2R:-:11122538-11122512	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_57143	LQEDIMSDPALAEFVK	AGAP001826-PA	M6(Oxidation)	101	1.34E-09	1	1821.899	2.6	Ovary	2R:-:11119910-11119863	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_57173	FGDDFVR	AGAP001826-PA	-	48	0.000139318	2	855.399	-0.22	Head	2R:-:11120396-11120376	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_57235	TFAQTFSK	AGAP001826-PA	-	54	3.21E-05	1	929.476	3.31	Ovary	2R:-:11119556-11119533	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_57303	MLGSTGVSANGALTFSHPTIK	AGAP001826-PA	M1(Oxidation), N10(Deamidated)	103	7.83E-10	1	2106.061	3.45	Male reproductive organs	2R:-:11120798-11120736	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_57354	VYQVGSFITSHLASLR	AGAP001826-PA	Q3(Deamidated)	115	2.19E-11	1	1777.964	2.56	Pupa	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_57561	LSEEYQYLPYLK	AGAP001826-PA	-	73	9.61E-07	1	1545.791	4.93	Head	2R:-:11126696-11126661	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_57616	GLISLFQVAQEK	AGAP001826-PA	Q7(Deamidated), Q10(Deamidated)	107	1.40E-10	1	1332.758	4.22	Larva	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_57618	ASEGGKDILSGFADYSVK	AGAP001826-PA	-	47	0.000297713	2	1843.912	2.69	Ovary	2R:-:11121461-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_57964	VDQEELFEVYLEVEPK	AGAP001826-PA	-	78	2.30E-07	2	1965.975	2.94	Pupa	2R:-:11124527-11124480	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_58031	VLVDKEEFATYDFK	AGAP001826-PA	-	116	4.28E-11	1	1703.855	1.19	Pupa	2R:-:11123206-11123165	exon=> In CDS Exon 3 of transcript AGAP001826-PA
JHU_Ag_58043	LGVNNNDKEVALYAVAHNGVEEYLAK	AGAP001826-PA	N5(Deamidated),N6(Deamidated),N18(Deamidated),N4(Deamidated),"N4(Deamidated), N18(Deamidated)","N6(Deamidated), N18(Deamidated)","N5(Deamidated), N18(Deamidated)"	187	2.08E-18	1	2830.442	1.64	Pupa	2R:-:11124299-11124222	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_58209	GQGELFALVTFVK	AGAP001826-PA	Q2(Deamidated)	83	2.42E-08	2	1408.791	5.59	Larva	2R:-:11123003-11122965	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_58299	ETFKEYFDGFDR	AGAP001826-PA	-	68	1.80E-06	1	1553.700	6.18	Larva	2R:-:11119442-11119407	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_58347	KYNLENIEWTSPYAPK	AGAP001826-PA	-	63	7.44E-06	2	1952.980	2.54	Male reproductive organs	2R:-:11124074-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_58429	AGIKSTPLLQSSYNAQQTIK	AGAP001826-PA	-	60	4.30E-06	3	2148.176	4.55	Malpighian tubule	2R:-:11126780-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_58534	LYAFNPFAR	AGAP001826-PA	-	62	6.67E-06	2	1098.574	1.03	Pupa	2R:-:11119037-11119011	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_58756	ITEVSTDFANSYK	AGAP001826-PA	-	87	3.23E-08	2	1474.708	1.43	Head	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_58768	FQESYAK	AGAP001826-PA	-	32	0.003770437	2	872.414	-0.46	Pupa	2R:-:11119943-11119923	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_58902	QFGGEFQR	AGAP001826-PA	-	58	1.71E-05	2	968.457	-1.15	Pupa	2R:-:11122691-11122668	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_58903	FFGSESSLK	AGAP001826-PA	-	54	5.32E-05	1	1001.494	-0.36	Pupa	2R:-:11118443-11118417	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_58956	ASEGGKDILSGFADYSVK	AGAP001826-PA	-	83	8.32E-08	1	1843.920	6.73	Larva	2R:-:11121461-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_59084	IVNAALSTLKDTNEDSEIR	AGAP001826-PA	-	149	1.22E-14	1	2089.088	5	Larva	2R:-:11125841-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_59264	IFQQVSEVFGQLSQVYVESFR	AGAP001826-PA	-	155	3.63E-15	1	2490.282	6.16	Larva	2R:-:11119850-11119788	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_59580	ATGISDVNVAVIGYSK	AGAP001826-PA	-	119	1.14E-11	1	1593.849	0.37	Male reproductive organs	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_59618	VIQCAGPDASSR	AGAP001826-PA	C4(Carbamidomethyl)	63	6.74E-06	1	1260.601	0.36	Visceras	2R:-:11125928-11125893	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_59706	IVVESLDGGKR	AGAP001826-PA	-	51	7.64E-05	2	1172.663	-0.36	Head	2R:-:11124107-11124075	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_59772	FLPNRPVVFESQLNGLSSAK	AGAP001826-PA	N14(Deamidated)	74	2.02E-07	1	2203.188	0.57	Male reproductive organs	2R:-:11120318-11120259	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_59810	LQEDIMSDPALAEFVK	AGAP001826-PA	M6(Oxidation)	131	1.11E-12	2	1821.904	5.48	Head	2R:-:11119910-11119863	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_59837	NSDNLVAPLLDKVIQCAGPDASSR	AGAP001826-PA	C16(Carbamidomethyl),"N1(Deamidated), C16(Carbamidomethyl)","Q15(Deamidated), C16(Carbamidomethyl)"	131	1.13E-12	1	2540.280	0.86	Pupa	2R:-:11125964-11125893	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_59879	IVVESLDGGKR	AGAP001826-PA	-	41	0.000726114	2	1172.667	3.29	Malpighian tubule	2R:-:11124107-11124075	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_59894	MLGSTGVSANGALTFSHPTIK	AGAP001826-PA	M1(Oxidation), N10(Deamidated),M1(Oxidation)	144	5.93E-14	1	2105.071	0.85	Head	2R:-:11120798-11120736	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_60702	STETDVFGVCQTSFSSYPSGDATVVEK	AGAP001826-PA	C10(Carbamidomethyl)	74	3.48E-07	1	2898.294	-1.7	Head	2R:-:11126936-11126856	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_60909	ATLESPIR	AGAP001826-PA	-	53	7.77E-05	2	886.498	-1.02	Pupa	2R:-:11124338-11124315	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_60974	LYDKQQTATFK	AGAP001826-PA	-	94	5.02E-09	1	1342.699	-0.68	Pupa	2R:-:11121362-11121330	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_61269	QYISIVAAVLADQLSR	AGAP001826-PA	-	75	1.59E-07	2	1746.981	3.41	Larva	2R:-:11117295-11117248	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_61529	ITEVSTDFANSYK	AGAP001826-PA	-	86	4.27E-08	1	1474.711	3.01	Ovary	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_61708	AQEDVIVAVLK	AGAP001826-PA	-	98	8.97E-10	1	1184.691	1.81	Visceras	2R:-:11126006-11125974	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_61749	SVEWAGELK	AGAP001826-PA	-	72	1.14E-06	1	1018.520	0.05	Pupa	2R:-:11122586-11122560	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_61752	VAALQAYPAASCNKK	AGAP001826-PA	C12(Carbamidomethyl)	49	0.000173855	1	1591.825	-0.8	Visceras	2R:-:11125886-11125842	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_61911	VGTGDAVEAITQLYK	AGAP001826-PA	-	112	7.73E-11	1	1564.827	3.46	Ovary	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_61966	YNLENIEWTSPYAPK	AGAP001826-PA	-	103	9.06E-10	2	1824.883	1.51	Head	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_62027	LQLPK	AGAP001826-PA	-	28	0.00227161	1	598.392	-1.27	Pupa	2R:-:11123684-11123670	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_62286	TSANGLKFDHTTDVQLK	AGAP001826-PA	-	34	0.005525384	1	1874.966	2.56	Malpighian tubule	2R:-:11121065-11121015	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_62298	DEYVPIFTIR	AGAP001826-PA	-	41	0.000798395	2	1252.662	3.62	Visceras	2R:-:11124188-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_62365	LDNKPVNDVEELK	AGAP001826-PA	-	100	1.18E-09	1	1512.791	0.63	Pupa	2R:-:11119298-11119260	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_62681	YNEKTPGDYDVQLGGSLNK	AGAP001826-PA	-	41	0.001083032	1	2098.008	-0.23	Male reproductive organs	2R:-:11123567-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_63144	YSDLEGKDVVLDVTLK	AGAP001826-PA	-	137	1.95E-13	1	1793.960	3.59	Head	2R:-:11122511-11122464	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_63302	NSDNLVAPLLDK	AGAP001826-PA	-	60	8.10E-06	2	1298.694	-0.76	Midgut	2R:-:11125964-11125929	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_63370	FSVEVNAKPGSNGK	AGAP001826-PA	-	41	0.001470785	2	1433.739	0.3	Ovary	2R:-:11121518-11121477	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_63628	STVESYTNGNVGK	AGAP001826-PA	-	78	1.93E-07	2	1355.644	0.49	Head	2R:-:11126492-11126454	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_63681	ATGISDVNVAVIGYSK	AGAP001826-PA	-	103	4.45E-10	2	1593.859	6.65	Malpighian tubule	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_63903	FFGSESSLK	AGAP001826-PA	-	49	0.000170809	1	1001.498	4.08	Larva	2R:-:11118443-11118417	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_64390	VTLDASHFLSTEYNVDEANAK	AGAP001826-PA	-	117	2.88E-11	1	2324.119	6.24	Larva	2R:-:11120150-11120088	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_64467	TETTNDCVCYLR	AGAP001826-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	74	1.67E-07	1	1531.657	3.47	Malpighian tubule	2R:-:11117247-11117212	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_64587	LVQEYFDTFDEFK	AGAP001826-PA	-	60	1.55E-05	1	1680.779	0.06	Visceras	2R:-:11119490-11119452	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_64642	VSLLLPTGR	AGAP001826-PA	-	51	2.79E-05	1	955.598	4.16	Ovary	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_65292	NFEFTGTAK	AGAP001826-PA	-	49	0.000133913	1	1014.489	-0.31	Pupa	2R:-:11121944-11121918	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_65319	LYVSACTLYGIPTVLPSQCEK	AGAP001826-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	40	0.001492715	1	2399.202	1.29	Malpighian tubule	2R:-:11118311-11118249	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_65457	VSYGAGKNFEFTGTAK	AGAP001826-PA	-	37	0.003475148	1	1676.836	4.54	Malpighian tubule	2R:-:11121965-11121918	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_65786	YELNVQSQGNPKPVDGK	AGAP001826-PA	Q6(Deamidated),Q8(Deamidated)	88	2.27E-08	1	1872.944	-0.83	Pupa	2R:-:11122781-11122731	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_65905	TSNKFPFDVR	AGAP001826-PA	-	47	0.000193368	1	1210.626	3.63	Malpighian tubule	2R:-:11125601-11125572	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_65922	FGPFDGSVSFYLDKK	AGAP001826-PA	-	65	4.96E-06	1	1706.850	4.61	Larva	2R:-:11120891-11120847	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_66103	VAALQAYPAASCNK	AGAP001826-PA	C12(Carbamidomethyl)	74	5.91E-07	1	1463.731	0.21	Head	2R:-:11125886-11125845	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_66141	YQYLFYVHPTSAGASLILPTR	AGAP001826-PA	-	154	2.59E-15	1	2397.267	2.73	Pupa	2R:-:11120996-11120934	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_66281	VTLDASHFLSTEYNVDEANAK	AGAP001826-PA	-	83	6.98E-08	1	2324.112	3.17	Malpighian tubule	2R:-:11120150-11120088	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_66369	SVEWAGELKDMDVK	AGAP001826-PA	M11(Oxidation)	53	7.92E-05	2	1622.773	-0.32	Head	2R:-:11122586-11122545	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_66503	SVDLGDWYSVK	AGAP001826-PA	-	83	7.61E-08	1	1268.621	3.93	Larva	2R:-:11118227-11118195	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_66534	YELSQYAEFELKPEAQGLESLK	AGAP001826-PA	-	58	2.53E-05	1	2572.294	4.8	Ovary	2R:-:11123762-11123697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_66579	STPLLQSSYNAQQTIK	AGAP001826-PA	Q6(Deamidated)	115	3.68E-11	1	1778.937	4.69	Larva	2R:-:11126768-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_66659	NNVVGHLDFDLK	AGAP001826-PA	N1(Deamidated)	85	3.29E-08	1	1370.708	1.24	Pupa	2R:-:11123945-11123910	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_66929	DLGNCAYR	AGAP001826-PA	C5(Carbamidomethyl)	42	0.000393413	1	968.426	0.3	Head	2R:-:11126849-11126826	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_66933	LLDGNPPR	AGAP001826-PA	-	37	0.001474 44	2	881.485	0.63	Visceras	2R:-:11126159-11126136	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_66968	ENLGATTEVYALR	AGAP001826-PA	-	103	8.07E-10	1	1436.744	3.94	Larva	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_67050	AMVIEGQGNVK	AGAP001826-PA	M2(Oxidation)	40	0.001907713	2	1161.598	3.89	Ovary	2R:-:11121395-11121363	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_67118	QYISIVAAVLADQLSR	AGAP001826-PA	-	90	4.62E-09	1	1746.981	3.71	Ovary	2R:-:11117295-11117248	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_67238	FGDDFVR	AGAP001826-PA	-	59	1.07E-05	2	855.400	0.21	Pupa	2R:-:11120396-11120376	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_67343	EDLLTLYNQVK	AGAP001826-PA	-	60	1.01E-05	2	1335.722	4.66	Malpighian tubule	2R:-:11126399-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_67383	LYGDAPMLNTNK	AGAP001826-PA	M7(Oxidation)	62	1.29E-05	1	1352.653	0.81	Head	2R:-:11121554-11121519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_67407	KEDLLTLYNQVK	AGAP001826-PA	-	65	2.21E-06	1	1463.809	-0.92	Midgut	2R:-:11126402-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_67474	IFQQVSEVFGQLSQVYVESFRK	AGAP001826-PA	-	34	0.003748493	3	2618.369	2.9	Pupa	2R:-:11119850-11119785	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_67531	AFLVSLK	AGAP001826-PA	-	38	0.000562536	2	777.487	-0.33	Visceras	2R:-:11120087-11120067	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_67566	VDAALELDVK	AGAP001826-PA	-	67	3.03E-06	2	1072.593	3.89	Ovary	2R:-:11124938-11124909	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_67677	YQYLFYVHPTSAGASLILPTR	AGAP001826-PA	-	56	1.93E-05	2	2397.260	0.04	Visceras	2R:-:11120996-11120934	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_67769	FYLDGEYGYDK	AGAP001826-PA	-	44	0.000347152	2	1369.596	1.3	Pupa	2R:-:11123630-11123598	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_67912	FELNGAVTNR	AGAP001826-PA	-	62	1.10E-05	2	1120.574	-0.41	Visceras	2R:-:11123423-11123394	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_67954	TVAVEGVLNLPK	AGAP001826-PA	-	67	4.14E-07	2	1239.731	0.57	Visceras	2R:-:11120933-11120898	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68222	LAFVSLTLVQSMTQDALK	AGAP001826-PA	Q10(Deamidated), M12(Oxidation),M12(Oxidation)	144	2.56E-14	1	1981.068	0.13	Pupa	2R:-:11126225-11126172	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_68462	LLDGNPPR	AGAP001826-PA	-	54	3.41E-05	2	881.484	0.42	Head	2R:-:11126159-11126136	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_68475	IFQQVSEVFGQLSQVYVESFRK	AGAP001826-PA	-	74	2.80E-07	1	2618.375	5.13	Ovary	2R:-:11119850-11119785	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68508	ASEGGKDILSGFADYSVK	AGAP001826-PA	-	138	2.40E-13	1	1843.912	2.56	Pupa	2R:-:11121461-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68519	ENLGATTEVYALR	AGAP001826-PA	-	101	1.26E-09	2	1436.739	0.46	Midgut	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68712	AFLVSLK	AGAP001826-PA	-	47	3.74E-05	2	777.486	-0.73	Male reproductive organs	2R:-:11120087-11120067	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68799	AMVIEGQGNVK	AGAP001826-PA	M2(Oxidation)	57	3.44E-05	2	1161.593	-0.52	Male reproductive organs	2R:-:11121395-11121363	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68836	DLGNCAYR	AGAP001826-PA	C5(Carbamidomethyl)	51	5.65E-05	1	968.429	3.14	Larva	2R:-:11126849-11126826	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_68842	DLIHQLR	AGAP001826-PA	-	35	0.002485035	2	894.515	-1.16	Visceras	2R:-:11119058-11119038	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68857	NKVEVFSEK	AGAP001826-PA	-	66	2.72E-06	1	1079.572	-1.16	Pupa	2R:-:11122808-11122782	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_68965	VGTGDAVEAITQLYK	AGAP001826-PA	-	110	1.14E-10	1	1564.828	4.16	Larva	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_69148	VYQVGSFITSHLASLR	AGAP001826-PA	-	46	0.000175418	1	1777.966	3.38	Ovary	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_69304	YELNVQSQGNPKPVDGK	AGAP001826-PA	-	77	2.60E-07	1	1872.945	-0.05	Male reproductive organs	2R:-:11122781-11122731	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_69365	ASVDPTRDAAR	AGAP001826-PA	-	41	0.001149943	1	1158.588	1.57	Malpighian tubule	2R:-:11125655-11125623	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_69720	MAASVYDKQPGGK	AGAP001826-PA	M1(Oxidation)	97	4.00E-09	1	1351.665	-1.54	Pupa	2R:-:11122631-11122593	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_69760	GQGELFALVTFVKQDR	AGAP001826-PA	-	93	3.41E-09	2	1807.981	5.84	Malpighian tubule	2R:-:11123003-11122956	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_70030	TDKYTSLFSNGGK	AGAP001826-PA	N10(Deamidated)	97	3.62E-09	1	1418.686	4.05	Larva	2R:-:11118038-11118000	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_70088	YAYQLLK	AGAP001826-PA	-	46	0.000167811	2	898.504	1.08	Pupa	2R:-:11119406-11119386	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_70152	EAYLSVGSLVSK	AGAP001826-PA	-	62	5.69E-06	2	1252.679	0.59	Male reproductive organs	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_70563	EAYLSVGSLVSK	AGAP001826-PA	-	62	5.66E-06	2	1252.679	0.49	Head	2R:-:11126135-11126100	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_70636	TETTNDCVCYLR	AGAP001826-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	70	4.10E-07	1	1531.652	-0.04	Head	2R:-:11117247-11117212	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_70843	VGTGDAVEAITQLYK	AGAP001826-PA	-	132	8.25E-13	1	1564.831	6.03	Malpighian tubule	2R:-:11126303-11126259	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_70880	VSGSLLPQVTELSVVVDEYCEHHAK	AGAP001826-PA	C20(Carbamidomethyl)	135	4.53E-13	1	2796.385	-0.97	Pupa	2R:-:11122418-11122344	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_70934	DFFNGNGELK	AGAP001826-PA	N4(Deamidated),"N4(Deamidated), N6(Deamidated)",N6(Deamidated)	52	5.71E-05	1	1141.514	-1.47	Pupa	2R:-:11123042-11123013	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_70957	ESLSNSFVTR	AGAP001826-PA	N5(Deamidated)	73	6.97E-07	2	1139.570	0.72	Pupa	2R:-:11126825-11126796	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_71234	SVLVFR	AGAP001826-PA	-	32	0.001171531	2	720.440	0.22	Male reproductive organs	2R:-:11117789-11117772	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_71725	KMSALVNDVVAQLMETFNTK	AGAP001826-PA	M2(Oxidation), M14(Oxidation)	89	1.84E-08	1	2271.160	10.39	Larva	2R:-:11119787-11119728	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_72041	LSTNLVSALPEFGK	AGAP001826-PA	-	83	4.02E-08	1	1475.818	5.28	Ovary	2R:-:11119985-11119944	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_72282	IVNAALSTLKDTNEDSEIR	AGAP001826-PA	-	125	3.89E-12	1	2089.078	0.56	Head	2R:-:11125841-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_72381	VMGEGKPLLNAK	AGAP001826-PA	M2(Oxidation)	50	0.000137447	1	1272.702	3.3	Malpighian tubule	2R:-:11120186-11120151	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_72411	GLISLFQVAQEK	AGAP001826-PA	-	105	1.87E-10	2	1332.752	-0.46	Male reproductive organs	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_72507	TPGDYDVQLGGSLNK	AGAP001826-PA	-	90	1.51E-08	1	1563.765	0.2	Visceras	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_72512	STETDVFGVCQTSFSSYPSGDATVVEK	AGAP001826-PA	C10(Carbamidomethyl)	58	1.50E-05	1	2898.292	-2.21	Visceras	2R:-:11126936-11126856	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_72611	LSESGMSATLTASVGK	AGAP001826-PA	M6(Oxidation)	71	1.04E-06	1	1554.772	2.71	Head	2R:-:11121314-11121267	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_72667	VIQCAGPDASSR	AGAP001826-PA	C4(Carbamidomethyl),"Q3(Deamidated), C4(Carbamidomethyl)"	63	6.10E-06	1	1260.601	0.85	Pupa	2R:-:11125928-11125893	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_72695	ELLSLVEAVYPMPEVTELTTAINK	AGAP001826-PA	M12(Oxidation)	99	8.38E-10	1	2676.421	6.03	Larva	2R:-:11119385-11119314	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_72798	STPLLQSSYNAQQTIK	AGAP001826-PA	-	116	2.79E-11	1	1778.932	1.88	Head	2R:-:11126768-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_72823	VFEEDFNK	AGAP001826-PA	-	49	9.47E-05	1	1027.476	2.73	Larva	2R:-:11119610-11119587	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_72842	AMVIEGQGNVK	AGAP001826-PA	M2(Oxidation)	79	2.51E-07	1	1161.594	0.42	Pupa	2R:-:11121395-11121363	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_72978	APSMDDIQVHATLK	AGAP001826-PA	M4(Oxidation)	102	1.02E-09	1	1541.767	2.67	Larva	2R:-:11121917-11121876	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_73048	LSEEYQYLPYLKDK	AGAP001826-PA	-	76	4.24E-07	1	1788.907	1.07	Pupa	2R:-:11126696-11126655	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_73211	ITEVSTDFANSYK	AGAP001826-PA	-	49	0.000237709	2	1474.710	2.51	Salivary gland	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_73320	DILSGFADYSVK	AGAP001826-PA	-	98	1.91E-09	1	1314.660	1.93	Pupa	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_73329	QELVSVNFR	AGAP001826-PA	-	58	1.99E-05	1	1091.586	1.09	Pupa	2R:-:11124692-11124666	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_73536	ESLSNSFVTR	AGAP001826-PA	-	64	5.77E-06	2	1139.574	3.94	Malpighian tubule	2R:-:11126825-11126796	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_73557	VMGEGKPLLNAK	AGAP001826-PA	M2(Oxidation)	83	6.26E-08	1	1272.700	1.1	Head	2R:-:11120186-11120151	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_73622	FDHTTDVQLK	AGAP001826-PA	-	61	1.35E-05	1	1203.601	0.44	Male reproductive organs	2R:-:11121044-11121015	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_73694	QTADGSVEFDVFKK	AGAP001826-PA	-	59	1.83E-05	2	1570.777	1.31	Pupa	2R:-:11120693-11120652	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_73897	EACNHAAHDAGEKADEAACGIAR	AGAP001826-PA	C3(Carbamidomethyl), C19(Carbamidomethyl)	174	2.91E-17	1	2424.049	3.05	Larva	2R:-:11118380-11118312	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_74057	EEGPFQTNGALK	AGAP001826-PA	N8(Deamidated)	77	3.09E-07	1	1291.617	0.35	Pupa	2R:-:11122001-11121966	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_74619	LYAFNPFAR	AGAP001826-PA	-	53	4.08E-05	1	1098.575	2.14	Visceras	2R:-:11119037-11119011	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_74667	RAFSYPFR	AGAP001826-PA	-	45	0.000408665	1	1043.542	0	Pupa	2R:-:11117828-11117805	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_74809	IVNAALSTLKDTNEDSEIR	AGAP001826-PA	-	90	1.29E-08	2	2089.079	1.03	Midgut	2R:-:11125841-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_74843	FLPNRPVVFESQLNGLSSAK	AGAP001826-PA	-	95	1.65E-09	1	2203.189	1.06	Head	2R:-:11120318-11120259	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_75142	GLLGNGNYEPYDDLAVPNGK	AGAP001826-PA	N5(Deamidated)	41	0.001233848	1	2107.008	4.71	Malpighian tubule	2R:-:11118617-11118558	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_75166	IHAYLSLVECPSANVANELK	AGAP001826-PA	C10(Carbamidomethyl)	92	8.41E-09	1	2228.144	2.81	Head	2R:-:11125784-11125725	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_75189	GLISLFQVAQEK	AGAP001826-PA	-	98	1.14E-09	2	1332.755	2.11	Visceras	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_75265	LGQADVSSGPK	AGAP001826-PA	-	76	4.12E-07	2	1058.552	4.32	Larva	2R:-:11117981-11117949	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_75430	KEDLLTLYNQVK	AGAP001826-PA	Q10(Deamidated),N9(Deamidated)	103	3.20E-10	1	1463.813	1.42	Pupa	2R:-:11126402-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_75456	NSDNLVAPLLDK	AGAP001826-PA	-	41	0.000667548	2	1298.696	0.47	Malpighian tubule	2R:-:11125964-11125929	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_75542	YELSQYAEFELKPEAQGLESLK	AGAP001826-PA	-	106	3.84E-10	1	2572.289	2.66	Pupa	2R:-:11123762-11123697	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_75621	LEGVTAGELYVK	AGAP001826-PA	-	35	0.002817453	2	1278.694	0.26	Midgut	2R:-:11124374-11124339	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_75792	LSTNLVSALPEFGK	AGAP001826-PA	N4(Deamidated)	109	1.17E-10	1	1475.812	0.73	Pupa	2R:-:11119985-11119944	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_75818	MSALVNDVVAQLMETFNTK	AGAP001826-PA	M1(Oxidation), M13(Oxidation)	127	2.88E-12	2	2143.052	4.89	Larva	2R:-:11119784-11119728	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_76562	FSVEVNAKPGSNGK	AGAP001826-PA	-	74	6.34E-07	1	1433.740	0.81	Head	2R:-:11121518-11121477	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_76598	LQEDIMSDPALAEFVK	AGAP001826-PA	Q2(Deamidated), M6(Oxidation),M6(Oxidation)	143	8.98E-14	1	1821.904	5.41	Larva	2R:-:11119910-11119863	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_76817	LVEHYFGPK	AGAP001826-PA	-	55	5.60E-05	1	1089.576	3.22	Malpighian tubule	2R:-:11125379-11125353	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_76843	GGLHPESLCTASDMQVLPPAKK	AGAP001826-PA	C9(Carbamidomethyl), M14(Oxidation)	84	5.65E-08	1	2352.169	0.1	Pupa	2R:-:11117211-11117474,11117036-11117057	exon=> In CDS Exon 7 and 6 of transcript AGAP001826-PA
JHU_Ag_76953	VVSLTSYAPDGKK	AGAP001826-PA	-	83	5.23E-08	1	1364.742	-0.41	Visceras	2R:-:11127128-11127090	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_77019	LLDGNPPR	AGAP001826-PA	-	48	9.31E-05	2	881.487	3.67	Malpighian tubule	2R:-:11126159-11126136	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_77049	STPLLQSSYNAQQTIK	AGAP001826-PA	-	100	9.35E-10	1	1778.931	1.46	Male reproductive organs	2R:-:11126768-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_77203	FDHTTDVQLK	AGAP001826-PA	-	60	1.67E-05	1	1203.601	0.24	Head	2R:-:11121044-11121015	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_77267	KVYLDALFR	AGAP001826-PA	-	28	0.005038483	2	1124.653	5.96	Larva	2R:-:11126330-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_77289	VDVGAPSYK	AGAP001826-PA	-	73	7.65E-07	1	935.484	0.48	Pupa	2R:-:11122244-11122218	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_77303	EYFDGFDR	AGAP001826-PA	-	28	0.003429119	2	1048.437	0.32	Head	2R:-:11119430-11119407	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_77400	IVNAALSTLKDTNEDSEIR	AGAP001826-PA	N13(Deamidated),N3(Deamidated)	165	4.22E-16	1	2089.077	-0.03	Pupa	2R:-:11125841-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_77658	LQEDIMSDPALAEFVK	AGAP001826-PA	M6(Oxidation)	123	7.00E-12	1	1821.896	1.19	Male reproductive organs	2R:-:11119910-11119863	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_77722	FGDDFVR	AGAP001826-PA	-	38	0.00129422	2	855.399	-0.22	Male reproductive organs	2R:-:11120396-11120376	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_77857	TSNKFPFDVR	AGAP001826-PA	N3(Deamidated)	60	1.14E-05	1	1210.621	-0.22	Pupa	2R:-:11125601-11125572	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_78002	STVESYTNGNVGK	AGAP001826-PA	N8(Deamidated),N10(Deamidated)	87	2.12E-08	2	1355.649	4.09	Larva	2R:-:11126492-11126454	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_78088	LVVAVFER	AGAP001826-PA	-	53	1.78E-05	2	932.560	3.94	Larva	2R:-:11119652-11119629	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_78229	NLFSFASGK	AGAP001826-PA	-	55	3.08E-05	1	970.498	-1.8	Head	2R:-:11123813-11123787	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_78288	AMVIEGQGNVK	AGAP001826-PA	M2(Oxidation)	39	0.002043019	2	1161.597	2.95	Malpighian tubule	2R:-:11121395-11121363	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_78336	SVDLGDWYSVK	AGAP001826-PA	-	31	0.010026008	1	1268.616	0.27	Midgut	2R:-:11118227-11118195	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_78421	VTLDASHFLSTEYNVDEANAK	AGAP001826-PA	-	74	5.90E-07	1	2324.097	-3.1	Male reproductive organs	2R:-:11120150-11120088	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_78462	FLPNRPVVFESQLNGLSSAK	AGAP001826-PA	-	73	2.60E-07	1	2203.198	5.05	Ovary	2R:-:11120318-11120259	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_78540	YGAQVMCTTDLK	AGAP001826-PA	M6(Oxidation), C7(Carbamidomethyl)	53	4.73E-05	1	1402.634	-0.15	Male reproductive organs	2R:-:11118698-11118663	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_78619	FGGNFFVLQNYAQQK	AGAP001826-PA	-	69	2.27E-06	2	1760.883	4.5	Malpighian tubule	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_78632	FYLDGEYGYDK	AGAP001826-PA	-	60	8.20E-06	2	1369.595	0.32	Male reproductive organs	2R:-:11123630-11123598	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_78829	LYGDAPMLNTNK	AGAP001826-PA	M7(Oxidation)	52	9.85E-05	1	1352.658	4.51	Ovary	2R:-:11121554-11121519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_79081	FSECFDNLYSVIGVTVCAAHK	AGAP001826-PA	C4(Carbamidomethyl), C17(Carbamidomethyl)	142	7.58E-14	1	2417.133	2.59	Pupa	2R:-:11124590-11124528	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_79364	EACNHAAHDAGEK	AGAP001826-PA	C3(Carbamidomethyl)	91	3.06E-09	1	1409.587	0.2	Head	2R:-:11118380-11118342	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_79417	VSLLLPTGR	AGAP001826-PA	-	52	2.66E-05	2	955.594	0.33	Male reproductive organs	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_79638	GLISLFQVAQEK	AGAP001826-PA	-	107	1.45E-10	1	1332.756	2.57	Pupa	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_79707	YNGKETDLPIHQK	AGAP001826-PA	N2(Deamidated)	97	2.94E-09	1	1543.776	0.43	Pupa	2R:-:11118785-11118747	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_79773	DTNEDSEIR	AGAP001826-PA	-	53	3.08E-05	2	1078.466	0.9	Head	2R:-:11125811-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_80009	LNLNLPNVDPIAAEGSYTYDAK	AGAP001826-PA	-	86	3.52E-08	2	2378.194	2.78	Head	2R:-:11122067-11122002	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_80101	FGPFDGSVSFYLDKK	AGAP001826-PA	-	37	0.003642033	1	1706.845	1.6	Pupa	2R:-:11120891-11120847	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_80444	LDNKPVNDVEELK	AGAP001826-PA	-	100	1.20E-09	1	1512.794	2.02	Ovary	2R:-:11119298-11119260	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_80553	QDQFFSADGTFGVDK	AGAP001826-PA	-	98	1.29E-09	1	1661.744	-0.42	Head	2R:-:11120246-11120202	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_80768	NQLNADFEVTR	AGAP001826-PA	-	51	0.000138696	2	1306.638	-0.52	Ovary	2R:-:11120066-11120034	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_80844	ENLGATTEVYALR	AGAP001826-PA	-	85	5.33E-08	2	1436.740	1.22	Ovary	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_80857	ENLGATTEVYALR	AGAP001826-PA	-	75	5.31E-07	2	1436.740	1.22	Visceras	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_80867	VNAPVYDVAADFYYDFEK	AGAP001826-PA	-	75	4.49E-07	1	2125.979	1.78	Pupa	2R:-:11122928-11122875	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_81322	TSANGLKFDHTTDVQLK	AGAP001826-PA	N4(Deamidated)	81	1.29E-07	1	1875.947	1	Pupa	2R:-:11121065-11121015	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_81512	VAALQAYPAASCNKK	AGAP001826-PA	C12(Carbamidomethyl)	59	1.74E-05	1	1591.827	0.42	Head	2R:-:11125886-11125842	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_81600	LGQADVSSGPK	AGAP001826-PA	-	55	4.96E-05	2	1058.550	2.36	Ovary	2R:-:11117981-11117949	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_81627	YLQPESDDGVYELDYSGSVDFNGK	AGAP001826-PA	N22(Deamidated)	44	0.000230024	2	2698.165	-1.07	Pupa	2R:-:11122193-11122122	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_81780	DEYVPIFTIR	AGAP001826-PA	-	50	0.000114145	1	1252.656	-0.67	Head	2R:-:11124188-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_81816	VVSLTSYAPDGK	AGAP001826-PA	-	87	2.21E-08	2	1236.648	0.93	Pupa	2R:-:11127128-11127093	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_81852	ESLSNSFVTR	AGAP001826-PA	-	51	0.000100213	2	1139.570	1.04	Visceras	2R:-:11126825-11126796	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_81900	EKLSESGMSATLTASVGK	AGAP001826-PA	M8(Oxidation)	117	3.08E-11	2	1811.904	-0.63	Pupa	2R:-:11121320-11121267	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_82136	SVDLTFK	AGAP001826-PA	-	34	0.003364676	1	809.442	1.42	Head	2R:-:11121854-11121834	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_82159	ATGISDVNVAVIGYSK	AGAP001826-PA	-	48	0.000160807	2	1593.847	-0.85	Salivary gland	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_82230	QDQFFSADGTFGVDK	AGAP001826-PA	-	52	5.28E-05	2	1661.750	3.26	Larva	2R:-:11120246-11120202	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_82404	FTFVVK	AGAP001826-PA	-	37	0.000792107	2	740.435	0.69	Pupa	2R:-:11123134-11123258,11117745-11123043	exon=> In CDS Exon 4 and 3 of transcript AGAP001826-PA
JHU_Ag_83296	NNVVGHLDFDLK	AGAP001826-PA	-	95	3.73E-09	1	1370.707	0.8	Head	2R:-:11123945-11123910	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_83503	VYQVGSFITSHLASLR	AGAP001826-PA	-	123	3.27E-12	1	1777.969	5.38	Larva	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_83562	YRGDLTSTFK	AGAP001826-PA	-	42	0.00097344	2	1187.605	-0.44	Malpighian tubule	2R:-:11120348-11120319	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_83610	YLQPESDDGVYELDYSGSVDFNGK	AGAP001826-PA	-	37	0.001770142	2	2697.193	3.42	Malpighian tubule	2R:-:11122193-11122122	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_83843	SVEWAGELKDMDVK	AGAP001826-PA	M11(Oxidation)	96	4.67E-09	1	1606.781	1.83	Pupa	2R:-:11122586-11122545	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_83888	TANLFVELIQLMR	AGAP001826-PA	-	62	3.91E-06	2	1547.865	2.21	Visceras	2R:-:11126450-11126412	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_84094	YNLENIEWTSPYAPK	AGAP001826-PA	-	53	7.67E-05	2	1824.883	1.25	Visceras	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_84326	VYLDALFR	AGAP001826-PA	-	55	1.76E-05	2	996.554	2.31	Visceras	2R:-:11126327-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_84525	VDAALELDVK	AGAP001826-PA	-	76	4.46E-07	1	1072.588	-0.21	Pupa	2R:-:11124938-11124909	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_84557	LQLTADDKK	AGAP001826-PA	-	77	2.87E-07	1	1031.573	-0.39	Pupa	2R:-:11121797-11121771	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_84712	LYGDAPMLNTNK	AGAP001826-PA	M7(Oxidation)	83	1.01E-07	2	1336.658	0.67	Pupa	2R:-:11121554-11121519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_84942	VVSLTSYAPDGKK	AGAP001826-PA	-	79	1.27E-07	1	1364.748	4.33	Larva	2R:-:11127128-11127090	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_85060	FFDAVHNVK	AGAP001826-PA	-	81	1.65E-07	1	1076.551	-1.01	Pupa	2R:-:11122538-11122512	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_85341	FLPYVSSIQFSPWNFVR	AGAP001826-PA	-	37	0.002450594	3	2087.082	3.31	Ovary	2R:-:11119133-11119083	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_85382	SDSFEIAQPGSAMSAALGMANVK	AGAP001826-PA	M13(Oxidation), M19(Oxidation)	88	2.24E-08	2	2314.076	3.18	Larva	2R:-:11117771-11123054,11117542-11117633	exon=> In CDS Exon 5 and 4 of transcript AGAP001826-PA
JHU_Ag_85396	TAFGADISKPVQFTLSNDELLPEICTEADDTDFSLNVKR	AGAP001826-PA	C25(Carbamidomethyl)	127	1.51E-12	1	4357.125	1.58	Pupa	2R:-:11127089-11126973	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_86076	FGGNFFVLQNYAQQK	AGAP001826-PA	N4(Deamidated),Q13(Deamidated),Q14(Deamidated),Q9(Deamidated),N10(Deamidated)	101	1.32E-09	1	1760.877	0.79	Pupa	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_86106	SVDLGDWYSVK	AGAP001826-PA	-	48	0.000214192	2	1268.615	-0.69	Ovary	2R:-:11118227-11118195	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_86307	VMGEGKPLLNAK	AGAP001826-PA	M2(Oxidation)	59	1.60E-05	1	1272.702	3.21	Larva	2R:-:11120186-11120151	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_86445	TVAVEGVLNLPK	AGAP001826-PA	-	56	6.25E-06	2	1239.735	3.23	Ovary	2R:-:11120933-11120898	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_86801	AGAAPALGAASEPR	AGAP001826-PA	-	90	1.43E-08	1	1238.648	-0.8	Midgut	2R:-:11126603-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_87006	AQEDVIVAVLKGVR	AGAP001826-PA	-	28	0.003797871	1	1496.881	0.97	Pupa	2R:-:11126006-11125965	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_87372	AQEDVIVAVLK	AGAP001826-PA	-	55	2.00E-05	2	1184.688	-0.15	Midgut	2R:-:11126006-11125974	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_87699	ALLDAEKVYQVGSFITSHLASLR	AGAP001826-PA	-	159	5.69E-16	1	2518.373	2.39	Pupa	2R:-:11125724-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_87745	TETTNDCVCYLR	AGAP001826-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	87	9.17E-09	1	1531.653	0.84	Male reproductive organs	2R:-:11117247-11117212	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_87841	TANLFVELIQLMR	AGAP001826-PA	M12(Oxidation)	38	0.001143136	1	1563.864	4.58	Ovary	2R:-:11126450-11126412	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_87926	EACNHAAHDAGEKADEAACGIAR	AGAP001826-PA	C3(Carbamidomethyl), C19(Carbamidomethyl)	160	7.22E-16	1	2424.041	-0.35	Pupa	2R:-:11118380-11118312	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_87985	KTANLFVELIQLMR	AGAP001826-PA	M13(Oxidation)	49	3.63E-05	1	1691.953	0.91	Pupa	2R:-:11126453-11126412	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_88040	SLKYDDVVAVSAVER	AGAP001826-PA	-	104	5.23E-10	1	1650.871	0.89	Pupa	2R:-:11117403-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_88150	VVYHMNDK	AGAP001826-PA	M5(Oxidation)	37	0.003008403	1	1021.477	-0.14	Head	2R:-:11117460-11117437	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_88188	LCSYLR	AGAP001826-PA	C2(Carbamidomethyl)	41	0.000755996	2	811.415	2.89	Larva	2R:-:11118416-11118399	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_88414	GASGGRDEYVPIFTIR	AGAP001826-PA	-	38	0.002216 77	2	1737.898	3.62	Larva	2R:-:11124206-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_88451	FTVLHESR	AGAP001826-PA	-	54	6.95E-05	1	988.521	0.08	Head	2R:-:11121266-11121243	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_88464	AGAAPALGAASEPR	AGAP001826-PA	-	130	1.13E-12	1	1238.653	3.64	Malpighian tubule	2R:-:11126603-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_88571	VYQVGSFITSHLASLR	AGAP001826-PA	-	43	0.000308 49	1	1777.967	4.2	Malpighian tubule	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_88630	VLVDKEEFATYDFK	AGAP001826-PA	-	79	2.28E-07	2	1703.858	3.27	Larva	2R:-:11123206-11123165	exon=> In CDS Exon 3 of transcript AGAP001826-PA
JHU_Ag_88679	STVESYTNGNVGK	AGAP001826-PA	N8(Deamidated),N10(Deamidated)	99	1.34E-09	2	1356.628	0.13	Pupa	2R:-:11126492-11126454	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_88710	VDVGAPSYK	AGAP001826-PA	-	50	0.000129039	1	935.484	0.48	Head	2R:-:11122244-11122218	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_88739	SEFENVR	AGAP001826-PA	-	56	2.76E-05	1	880.416	0.46	Pupa	2R:-:11121875-11121855	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_88974	FTFVVKDFFNGNGELK	AGAP001826-PA	N10(Deamidated), N12(Deamidated)	60	1.62E-05	1	1863.923	3.63	Pupa	2R:-:11123134-11123258,11117745-11123013	exon=> In CDS Exon 4 and 3 of transcript AGAP001826-PA
JHU_Ag_89094	LYAFNPFAR	AGAP001826-PA	-	43	0.000459138	1	1098.578	4.37	Ovary	2R:-:11119037-11119011	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_89103	YQYLFYVHPTSAGASLILPTR	AGAP001826-PA	-	56	1.73E-05	1	2397.264	1.59	Ovary	2R:-:11120996-11120934	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_89284	TSQACAAVADHGHDSHDHSSPTCAK	AGAP001826-PA	C5(Carbamidomethyl), C23(Carbamidomethyl)	72	2.62E-07	1	2647.107	2.23	Malpighian tubule	2R:-:11118518-11118444	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_89354	IVVESLDGGKR	AGAP001826-PA	-	79	1.47E-07	1	1172.663	-0.46	Male reproductive organs	2R:-:11124107-11124075	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_89583	ERGNQLITLPAK	AGAP001826-PA	-	42	0.000213707	2	1339.770	0.21	Male reproductive organs	2R:-:11124647-11124612	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_89601	DILSGFADYSVK	AGAP001826-PA	-	51	0.000100124	2	1314.661	2.77	Midgut	2R:-:11121443-11121408	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_90027	IFQQVSEVFGQLSQVYVESFRK	AGAP001826-PA	-	93	3.71E-09	1	2618.373	4.57	Larva	2R:-:11119850-11119785	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_90095	FTVLHESR	AGAP001826-PA	-	54	7.26E-05	1	988.521	0.08	Pupa	2R:-:11121266-11121243	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_90227	LSESGMSATLTASVGK	AGAP001826-PA	M6(Oxidation)	82	9.70E-08	1	1554.770	1.22	Male reproductive organs	2R:-:11121314-11121267	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_90279	SVGLTNTKDQSK	AGAP001826-PA	-	50	0.000139357	1	1277.673	2.57	Malpighian tubule	2R:-:11117593-11117558	exon=> In CDS Exon 5 of transcript AGAP001826-PA
JHU_Ag_90464	DLIHQLR	AGAP001826-PA	-	41	0.000555471	1	894.517	1.09	Head	2R:-:11119058-11119038	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_90847	TPGDYDVQLGGSLNK	AGAP001826-PA	-	107	3.43E-10	1	1563.769	2.31	Head	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_91058	FTSQDGELNLEGSLIAVEK	AGAP001826-PA	-	97	2.93E-09	2	2050.032	-1.08	Ovary	2R:-:11123393-11123337	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_91179	YRGDLTSTFK	AGAP001826-PA	-	50	0.000169091	1	1187.599	-5.58	Head	2R:-:11120348-11120319	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_91425	TIIFENPDQQPAGNLAVIK	AGAP001826-PA	Q10(Deamidated),N14(Deamidated),Q9(Deamidated)	141	6.60E-14	1	2068.109	0.73	Pupa	2R:-:11126561-11126505	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_91475	ITEVSTDFANSYK	AGAP001826-PA	-	86	3.92E-08	1	1474.714	5.49	Malpighian tubule	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_91580	VYLDALFR	AGAP001826-PA	-	57	1.21E-05	2	996.555	3.6	Malpighian tubule	2R:-:11126327-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_91625	MLGSTGVSANGALTFSHPTIK	AGAP001826-PA	M1(Oxidation)	56	3.45E-05	1	2105.079	4.27	Malpighian tubule	2R:-:11120798-11120736	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_91750	LYAFNPFAR	AGAP001826-PA	-	54	4.15E-05	1	1098.573	0.14	Male reproductive organs	2R:-:11119037-11119011	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_91806	IHAYLSLVECPSANVANELK	AGAP001826-PA	C10(Carbamidomethyl)	96	3.62E-09	1	2228.145	2.92	Visceras	2R:-:11125784-11125725	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_91937	IVVESLDGGKR	AGAP001826-PA	-	79	1.50E-07	1	1172.662	-0.98	Pupa	2R:-:11124107-11124075	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_91963	SVDLGDWYSVK	AGAP001826-PA	-	66	3.61E-06	2	1268.616	0.27	Male reproductive organs	2R:-:11118227-11118195	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_92035	LVVAVFER	AGAP001826-PA	-	51	3.00E-05	1	932.560	3.29	Ovary	2R:-:11119652-11119629	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_92273	FYLDGEYGYDK	AGAP001826-PA	-	66	2.36E-06	2	1369.603	5.76	Larva	2R:-:11123630-11123598	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_92481	LSEEYQYLPYLK	AGAP001826-PA	-	78	2.72E-07	1	1545.786	1.46	Midgut	2R:-:11126696-11126661	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_92520	VLNQAVER	AGAP001826-PA	-	41	0.000604869	2	928.521	-0.32	Male reproductive organs	2R:-:11119235-11119212	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_92658	LDYTGK	AGAP001826-PA	-	39	0.001506593	1	696.360	4.85	Malpighian tubule	2R:-:11117999-11117982	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_92703	MLGSTGVSANGALTFSHPTIK	AGAP001826-PA	M1(Oxidation), N10(Deamidated),M1(Oxidation)	139	1.86E-13	1	2106.063	4.41	Larva	2R:-:11120798-11120736	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_93032	ALLDAEK	AGAP001826-PA	-	43	0.000615774	2	759.424	-0.74	Pupa	2R:-:11125724-11125704	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_93066	EEGPFQTNGALK	AGAP001826-PA	N8(Deamidated)	66	4.37E-06	2	1290.632	-0.02	Male reproductive organs	2R:-:11122001-11121966	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_93312	AFLVSLK	AGAP001826-PA	-	50	3.01E-05	2	777.487	0.53	Pupa	2R:-:11120087-11120067	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_93371	LGVNNNDKEVALYAVAHNGVEEYLAK	AGAP001826-PA	N18(Deamidated)	76	2.49E-07	1	2831.427	1.95	Larva	2R:-:11124299-11124222	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_93516	IAANVDAKYNEK	AGAP001826-PA	-	75	4.95E-07	1	1335.694	2.65	Malpighian tubule	2R:-:11123591-11123556	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_93677	VSLLLPTGR	AGAP001826-PA	-	54	1.64E-05	1	955.593	-0.18	Pupa	2R:-:11122718-11122692	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_93706	LAEELNK	AGAP001826-PA	-	42	0.001274834	2	816.446	-0.36	Male reproductive organs	2R:-:11120006-11119986	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_93913	TSQACAAVADHGHDSHDHSSPTCAK	AGAP001826-PA	C5(Carbamidomethyl), C23(Carbamidomethyl)	178	6.55E-18	1	2647.105	1.61	Pupa	2R:-:11118518-11118444	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_93951	NKVTQTSFDSK	AGAP001826-PA	-	60	1.27E-05	2	1254.632	-0.2	Male reproductive organs	2R:-:11122841-11122809	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_93980	EVALYAVAHNGVEEYLAK	AGAP001826-PA	-	58	2.20E-05	1	1976.018	3.06	Head	2R:-:11124275-11124222	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_94117	VEAIFFNVYEETVK	AGAP001826-PA	-	55	4.94E-05	2	1687.868	5.79	Larva	2R:-:11119694-11119653	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_94287	QTADGSVEFDVFK	AGAP001826-PA	-	72	8.95E-07	1	1442.681	0.58	Pupa	2R:-:11120693-11120655	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_94554	IATSVSELFR	AGAP001826-PA	-	74	3.74E-07	2	1122.617	1.63	Pupa	2R:-:11119586-11119557	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_94699	VDVGAPSYK	AGAP001826-PA	-	50	0.000168079	2	935.486	3.01	Malpighian tubule	2R:-:11122244-11122218	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_94722	FELNGAVTNR	AGAP001826-PA	N4(Deamidated)	63	9.78E-06	2	1120.579	3.95	Ovary	2R:-:11123423-11123394	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_94805	VRDLGNCAYR	AGAP001826-PA	C7(Carbamidomethyl)	50	0.000143101	1	1223.598	2.6	Larva	2R:-:11126855-11126826	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_94815	IVNAALSTLKDTNEDSEIR	AGAP001826-PA	-	51	9.88E-05	3	2089.079	0.67	Male reproductive organs	2R:-:11125841-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_95073	LLDGNPPR	AGAP001826-PA	-	52	4.97E-05	2	881.484	-0.13	Pupa	2R:-:11126159-11126136	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_95118	SVTLVDK	AGAP001826-PA	-	34	0.002936768	1	761.441	0.78	Pupa	2R:-:11118845-11118825	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_95154	LVEHYFGPK	AGAP001826-PA	-	53	8.01E-05	1	1089.572	-0.55	Pupa	2R:-:11125379-11125353	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_95234	TVAVEGVLNLPK	AGAP001826-PA	-	91	1.79E-09	1	1239.733	2.05	Pupa	2R:-:11120933-11120898	exon=> In CDS Exon 4 of transcript AGAP001826-PA

JHU_Ag_95248	EYFDGFDR	AGAP001826-PA	-	33	0.001653918	2	1048.441	3.7	Larva	2R:-:11119430-11119407	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_95342	SDSFEIAQPGSAMSAALGMANVK	AGAP001826-PA	M19(Oxidation),"M13(Oxidation), M19(Oxidation)",M13(Oxidation)	83	6.38E-08	2	2314.071	0.75	Pupa	2R:-:11117771-11123054,11117542-11117633	exon=> In CDS Exon 5 and 4 of transcript AGAP001826-PA
JHU_Ag_95460	TPGDYDVQLGGSLNK	AGAP001826-PA	-	94	6.98E-09	2	1563.771	3.95	Ovary	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_95573	VTLDASHFLSTEYNVDEANAK	AGAP001826-PA	-	125	3.97E-12	1	2324.111	3.01	Pupa	2R:-:11120150-11120088	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_95689	LDNKPVNDVEELK	AGAP001826-PA	-	86	3.14E-08	1	1512.794	2.23	Head	2R:-:11119298-11119260	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_95708	IATSVSELFR	AGAP001826-PA	-	64	3.72E-06	2	1122.616	0.44	Male reproductive organs	2R:-:11119586-11119557	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_95709	GASGGRDEYVPIFTIR	AGAP001826-PA	-	67	2.93E-06	1	1737.895	1.87	Malpighian tubule	2R:-:11124206-11124159	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_95785	IATSVSELFR	AGAP001826-PA	-	49	0.000101393	2	1122.616	0.44	Ovary	2R:-:11119586-11119557	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_95922	VNLEVAYTDNSFK	AGAP001826-PA	-	73	6.80E-07	2	1499.739	0.99	Male reproductive organs	2R:-:11123852-11123814	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_96196	FGGNFFVLQNYAQQK	AGAP001826-PA	-	76	3.78E-07	1	1760.876	0.48	Head	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_96301	HGCQSSDVKEISNK	AGAP001826-PA	C3(Carbamidomethyl)	49	0.000165061	1	1588.742	2.02	Pupa	2R:-:11126087-11126046	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_96662	TLFVSLVK	AGAP001826-PA	-	41	6.52E-05	1	906.569	3.75	Larva	2R:-:11119259-11119236	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_96685	LTLTGNK	AGAP001826-PA	-	31	0.004928225	1	746.443	3.28	Malpighian tubule	2R:-:11126624-11126604	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_96748	NSDNLVAPLLDK	AGAP001826-PA	-	82	5.50E-08	1	1298.696	0.75	Head	2R:-:11125964-11125929	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_96864	AQEDVIVAVLK	AGAP001826-PA	-	49	6.96E-05	2	1184.690	1.5	Head	2R:-:11126006-11125974	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_96874	FDNSNPQHLQLSLSFDTPGSQTK	AGAP001826-PA	-	84	6.22E-08	1	2561.228	0.42	Larva	2R:-:11124461-11124393	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_97078	VLVDKEEFATYDFK	AGAP001826-PA	-	99	2.16E-09	1	1703.853	0.26	Male reproductive organs	2R:-:11123206-11123165	exon=> In CDS Exon 3 of transcript AGAP001826-PA
JHU_Ag_97181	YNEKTPGDYDVQLGGSLNK	AGAP001826-PA	-	113	7.61E-11	1	2098.009	0.03	Pupa	2R:-:11123567-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_97256	ASPYKLSLTVQFSAANVLSNAK	AGAP001826-PA	-	54	2.18E-05	3	2309.261	4.88	Malpighian tubule	2R:-:11123336-11127295,11123129-11123207	exon=> In CDS Exon 3 and 2 of transcript AGAP001826-PA
JHU_Ag_97295	STETDVFGVCQTSFSSYPSGDATVVEK	AGAP001826-PA	C10(Carbamidomethyl)	102	6.67E-10	2	2898.309	3.52	Larva	2R:-:11126936-11126856	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_97650	VLNQAVER	AGAP001826-PA	-	49	9.71E-05	2	928.525	3.75	Larva	2R:-:11119235-11119212	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_97782	FYLDGEYGYDKYK	AGAP001826-PA	-	75	3.80E-07	1	1660.761	4.55	Larva	2R:-:11123630-11123592	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_98098	TANLFVELIQLMR	AGAP001826-PA	M12(Oxidation)	97	1.70E-09	1	1563.859	1.93	Pupa	2R:-:11126450-11126412	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_98369	VEVYAGDNCQYTLK	AGAP001826-PA	C9(Carbamidomethyl)	80	1.21E-07	1	1659.771	1.55	Head	2R:-:11127170-11127129	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_98385	FDNSNPQHLQLSLSFDTPGSQTK	AGAP001826-PA	Q10(Deamidated),N5(Deamidated),Q7(Deamidated),N3(Deamidated)	101	1.26E-09	1	2561.234	2.8	Pupa	2R:-:11124461-11124393	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_98442	GLVTGIESVDAFLQLLQK	AGAP001826-PA	-	75	8.92E-08	2	1931.089	2.2	Visceras	2R:-:11117939-11117886	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_98587	VDVGAPSYK	AGAP001826-PA	-	43	0.000767857	1	935.485	1.66	Male reproductive organs	2R:-:11122244-11122218	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_98596	SFDANVDVNVGDVK	AGAP001826-PA	-	117	3.15E-11	2	1478.713	0.72	Pupa	2R:-:11123987-11123946	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_98825	VNAPVYDVAADFYYDFEK	AGAP001826-PA	-	37	0.002861371	2	2125.975	0	Head	2R:-:11122928-11122875	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_98829	FELNGAVTNR	AGAP001826-PA	-	50	0.000191101	2	1120.576	0.9	Head	2R:-:11123423-11123394	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_98862	LDNKPVNDVEELK	AGAP001826-PA	-	54	4.93E-05	1	1512.792	1.1	Male reproductive organs	2R:-:11119298-11119260	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_98937	VAALQAYPAASCNK	AGAP001826-PA	C12(Carbamidomethyl)	100	1.50E-09	1	1463.732	0.46	Pupa	2R:-:11125886-11125845	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_99036	MSALVNDVVAQLMETFNTK	AGAP001826-PA	M1(Oxidation), N6(Deamidated), Q11(Deamidated), M13(Oxidation), N17(Deamidated)	35	0.003309828	1	2145.984	-4.43	Midgut	2R:-:11119784-11119728	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_99043	FGGNFFVLQNYAQQK	AGAP001826-PA	-	72	1.07E-06	1	1760.877	0.97	Male reproductive organs	2R:-:11117358-11117314	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_99073	TETTNDCVCYLR	AGAP001826-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	66	1.16E-06	1	1531.657	3.71	Larva	2R:-:11117247-11117212	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_99110	LSTNLVSALPEFGK	AGAP001826-PA	-	75	2.88E-07	2	1475.811	0.57	Male reproductive organs	2R:-:11119985-11119944	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_99185	TIIFENPDQQPAGNLAVIKQELK	AGAP001826-PA	-	85	7.52E-09	1	2566.403	5.88	Malpighian tubule	2R:-:11126561-11126493	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_99350	QDQFFSADGTFGVDK	AGAP001826-PA	-	102	5.49E-10	1	1661.747	1.42	Pupa	2R:-:11120246-11120202	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_99382	FALHDATAYDLTVDALQGK	AGAP001826-PA	-	143	7.47E-14	1	2049.033	1.8	Head	2R:-:11124749-11124693	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_99746	FELNGAVTNR	AGAP001826-PA	N4(Deamidated)	65	5.43E-06	2	1120.579	4.06	Larva	2R:-:11123423-11123394	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100156	ALGHSAFK	AGAP001826-PA	-	58	3.19E-05	1	830.451	-1.18	Pupa	2R:-:11121668-11121645	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_100379	YTFKPGFVYQYDVDSYVQLQQSDKENK	AGAP001826-PA	-	70	1.27E-06	1	3289.587	5.6	Larva	2R:-:11127278-11127198	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100410	VDGKVEVYAGDNCQYTLK	AGAP001826-PA	C13(Carbamidomethyl)	113	7.71E-11	1	2058.982	0.88	Pupa	2R:-:11127182-11127129	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100456	TVAVEGVLNLPK	AGAP001826-PA	-	71	2.17E-07	2	1239.735	3.53	Head	2R:-:11120933-11120898	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_100646	GLLGNGNYEPYDDLAVPNGK	AGAP001826-PA	N5(Deamidated),N7(Deamidated)	86	3.83E-08	1	2107.006	4.02	Ovary	2R:-:11118617-11118558	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_100712	TIIFENPDQQPAGNLAVIK	AGAP001826-PA	-	85	2.58E-08	2	2068.115	3.68	Malpighian tubule	2R:-:11126561-11126505	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100793	FYLDGEYGYDKYK	AGAP001826-PA	-	107	2.27E-10	1	1660.755	1.02	Pupa	2R:-:11123630-11123592	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100806	STVESYTNGNVGK	AGAP001826-PA	N8(Deamidated)	91	8.14E-09	2	1355.644	0.22	Malpighian tubule	2R:-:11126492-11126454	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100816	VIQCAGPDASSR	AGAP001826-PA	C4(Carbamidomethyl)	50	0.000156806	2	1260.608	5.88	Larva	2R:-:11125928-11125893	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100859	FALHDATAYDLTVDALQGK	AGAP001826-PA	-	158	2.41E-15	1	2049.031	1.08	Pupa	2R:-:11124749-11124693	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_100993	KIVNAALSTLK	AGAP001826-PA	-	50	1.07E-05	2	1157.724	-0.97	Pupa	2R:-:11125844-11125812	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_101025	LLDGNPPR	AGAP001826-PA	-	37	0.001091068	2	881.488	4.02	Male reproductive organs	2R:-:11126159-11126136	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_101100	TANLFVELIQLMR	AGAP001826-PA	M12(Oxidation)	62	5.00E-06	2	1563.857	0.29	Male reproductive organs	2R:-:11126450-11126412	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_101349	SVTLVDKDSTVELTAK	AGAP001826-PA	-	117	1.56E-11	1	1705.924	1.01	Pupa	2R:-:11118845-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_101406	TVAVEGVLNLPK	AGAP001826-PA	-	87	4.12E-09	2	1239.731	-0.02	Male reproductive organs	2R:-:11120933-11120898	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_101553	GIMFNMVAPLK	AGAP001826-PA	M3(Oxidation), M6(Oxidation)	39	0.001644091	2	1252.647	3.48	Malpighian tubule	2R:-:11117626-11117594	exon=> In CDS Exon 5 of transcript AGAP001826-PA
JHU_Ag_101618	KEDLLTLYNQVK	AGAP001826-PA	-	37	0.001343977	2	1463.812	1.08	Ovary	2R:-:11126402-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_101634	VYQVGSFITSHLASLR	AGAP001826-PA	-	67	1.40E-06	2	1777.954	-2.93	Midgut	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_101897	KVYLDALFR	AGAP001826-PA	-	69	3.73E-07	1	1124.648	1.83	Pupa	2R:-:11126330-11126304	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_102374	TVDLHNDALKDFNLDVTMK	AGAP001826-PA	M18(Oxidation)	62	8.20E-06	1	2205.106	9.11	Larva	2R:-:11125223-11125167	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_102492	NLFSFASGK	AGAP001826-PA	-	55	3.23E-05	1	970.502	3.1	Ovary	2R:-:11123813-11123787	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_102715	FFDAVHNVK	AGAP001826-PA	-	59	2.46E-05	2	1076.552	-0.33	Male reproductive organs	2R:-:11122538-11122512	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_102717	VYQVGSFITSHLASLR	AGAP001826-PA	-	93	3.47E-09	1	1777.964	2.29	Visceras	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_102747	ETFKEYFDGFDR	AGAP001826-PA	-	81	7.79E-08	1	1553.693	1.31	Pupa	2R:-:11119442-11119407	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_102908	LYVSACTLYGIPTVLPSQCEK	AGAP001826-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	67	3.35E-06	1	2399.203	2	Pupa	2R:-:11118311-11118249	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_102918	YQYLFYVHPTSAGASLILPTR	AGAP001826-PA	-	120	6.58E-12	1	2397.269	3.8	Head	2R:-:11120996-11120934	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_102980	VFEEDFNK	AGAP001826-PA	-	42	0.000550116	1	1027.476	2.53	Ovary	2R:-:11119610-11119587	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_103250	LDFATNK	AGAP001826-PA	-	43	0.00064112	1	808.420	-0.24	Male reproductive organs	2R:-:11123657-11123637	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_103351	LEGVTAGELYVK	AGAP001826-PA	-	62	5.28E-06	2	1278.699	4.17	Ovary	2R:-:11124374-11124339	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_103694	LSESGMSATLTASVGK	AGAP001826-PA	M6(Oxidation)	109	1.96E-10	1	1554.772	2.4	Larva	2R:-:11121314-11121267	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_103866	ATGISDVNVAVIGYSK	AGAP001826-PA	-	111	6.89E-11	1	1593.851	1.44	Ovary	2R:-:11118086-11118039	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_104161	LEGVTAGELYVK	AGAP001826-PA	-	70	8.59E-07	2	1278.695	0.45	Male reproductive organs	2R:-:11124374-11124339	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_104346	TETTNDCVCYLR	AGAP001826-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	57	9.08E-06	2	1531.652	0.12	Visceras	2R:-:11117247-11117212	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_104446	ENLGATTEVYALR	AGAP001826-PA	-	99	2.09E-09	1	1436.741	2.15	Head	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_104682	VYQVGSFITSHLASLR	AGAP001826-PA	-	61	6.28E-06	1	1777.963	1.73	Salivary gland	2R:-:11125703-11125656	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_104913	KYYTVTVGTK	AGAP001826-PA	-	34	0.007967901	2	1159.634	-1.14	Head	2R:-:11118728-11118699	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_105005	LGQADVSSGPK	AGAP001826-PA	-	70	1.78E-06	1	1058.548	-0.06	Head	2R:-:11117981-11117949	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_105298	VRDLGNCAYR	AGAP001826-PA	N6(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	46	0.000334008	2	1224.579	0.2	Pupa	2R:-:11126855-11126826	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_105324	FALHDATAYDLTVDALQGK	AGAP001826-PA	-	69	1.71E-06	1	2049.031	1.29	Visceras	2R:-:11124749-11124693	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_105713	STVESYTNGNVGKK	AGAP001826-PA	N8(Deamidated),N10(Deamidated)	83	6.08E-08	2	1484.722	-0.21	Pupa	2R:-:11126492-11126451	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_105714	KEDLLTLYNQVK	AGAP001826-PA	-	77	1.36E-07	1	1463.813	1.67	Visceras	2R:-:11126402-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_105892	LAEELNK	AGAP001826-PA	-	43	0.001107791	1	816.445	-1.11	Pupa	2R:-:11120006-11119986	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_105938	SVDLGDWYSVK	AGAP001826-PA	-	92	9.15E-09	1	1268.618	1.43	Pupa	2R:-:11118227-11118195	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_106282	LSESGMSATLTASVGK	AGAP001826-PA	M6(Oxidation)	118	2.21E-11	1	1554.767	-0.74	Pupa	2R:-:11121314-11121267	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_106556	AGAAPALGAASEPR	AGAP001826-PA	-	115	3.97E-11	1	1238.649	0.09	Visceras	2R:-:11126603-11126562	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_106847	STVESYTNGNVGKK	AGAP001826-PA	N8(Deamidated)	86	3.21E-08	1	1483.740	1.11	Head	2R:-:11126492-11126451	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_107016	FGPFDGSVSFYLDK	AGAP001826-PA	-	81	1.32E-07	1	1578.753	3.2	Pupa	2R:-:11120891-11120850	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_107199	FLPNRPVVFESQLNGLSSAK	AGAP001826-PA	N14(Deamidated)	115	2.31E-11	1	2204.176	2.31	Pupa	2R:-:11120318-11120259	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_107321	ENLGATTEVYALR	AGAP001826-PA	-	91	1.22E-08	2	1436.739	0.54	Male reproductive organs	2R:-:11117867-11117829	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_107507	FSVENAVVVSETNPSVDFTLGYPGK	AGAP001826-PA	-	67	2.77E-06	2	2656.338	9.12	Head	2R:-:11121770-11121696	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_107756	YDDVVAVSAVER	AGAP001826-PA	-	66	4.92E-06	2	1322.661	1.67	Visceras	2R:-:11117394-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_108377	GNQLITLPAK	AGAP001826-PA	-	44	0.000127664	2	1054.626	0.31	Male reproductive organs	2R:-:11124641-11124612	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_108594	TPGDYDVQLGGSLNK	AGAP001826-PA	-	93	7.66E-09	1	1563.774	5.82	Larva	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_108654	GQGELFALVTFVK	AGAP001826-PA	Q2(Deamidated)	104	2.45E-10	1	1408.786	1.78	Pupa	2R:-:11123003-11122965	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_108836	IVNAALSTLKDTNEDSEIR	AGAP001826-PA	-	40	0.000998533	1	2089.087	4.52	Malpighian tubule	2R:-:11125841-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_109265	YDDVVAVSAVER	AGAP001826-PA	-	54	7.44E-05	2	1322.663	3.42	Ovary	2R:-:11117394-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_109391	TVAVEGVLNLPK	AGAP001826-PA	-	87	5.14E-09	2	1239.737	4.91	Larva	2R:-:11120933-11120898	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_109580	FALHDATAYDLTVDALQGKQELVSVNFR	AGAP001826-PA	-	157	1.45E-15	1	3121.596	0.04	Pupa	2R:-:11124749-11124666	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_109990	FVQTTGK	AGAP001826-PA	-	44	0.000269918	2	780.424	-1.21	Head	2R:-:11124128-11124108	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_110161	SVDLTFK	AGAP001826-PA	-	34	0.003129349	1	809.444	4.13	Larva	2R:-:11121854-11121834	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_110501	SLKYDDVVAVSAVER	AGAP001826-PA	-	67	2.27E-06	1	1650.870	0.37	Male reproductive organs	2R:-:11117403-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_110650	ETDLPIHQK	AGAP001826-PA	-	58	2.03E-05	1	1080.568	-0.71	Pupa	2R:-:11118773-11118747	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_110752	LQEDIMSDPALAEFVK	AGAP001826-PA	M6(Oxidation)	109	1.84E-10	1	1821.892	-1.09	Midgut	2R:-:11119910-11119863	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_111052	FDNSNPQHLQLSLSFDTPGSQTK	AGAP001826-PA	-	64	7.10E-06	1	2561.233	2.63	Ovary	2R:-:11124461-11124393	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_111180	VNLEVAYTDNSFK	AGAP001826-PA	-	73	7.43E-07	2	1499.745	5.06	Larva	2R:-:11123852-11123814	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_111194	VLVDKEEFATYDFK	AGAP001826-PA	-	60	1.82E-05	2	1703.853	-0.1	Visceras	2R:-:11123206-11123165	exon=> In CDS Exon 3 of transcript AGAP001826-PA

JHU_Ag_111205	STPLLQSSYNAQQTIK	AGAP001826-PA	Q12(Deamidated),Q13(Deamidated),N10(Deamidated)	114	4.59E-11	1	1778.931	1.46	Pupa	2R:-:11126768-11126721	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_111260	VRVAALQAYPAASCNK	AGAP001826-PA	C14(Carbamidomethyl)	41	0.00105093	1	1718.907	3.73	Malpighian tubule	2R:-:11125892-11125845	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_111377	SVEWAGELKDMDVK	AGAP001826-PA	M11(Oxidation)	62	1.22E-05	1	1622.774	0.74	Male reproductive organs	2R:-:11122586-11122545	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_111506	TTINGHVVSNGER	AGAP001826-PA	N10(Deamidated)	94	5.85E-09	2	1384.681	-0.37	Male reproductive organs	2R:-:11124026-11123988	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_111687	YDDVVAVSAVER	AGAP001826-PA	-	99	2.10E-09	2	1322.659	0.01	Male reproductive organs	2R:-:11117394-11117359	exon=> In CDS Exon 6 of transcript AGAP001826-PA
JHU_Ag_111727	FTVLHESR	AGAP001826-PA	-	55	5.86E-05	2	988.521	-0.17	Male reproductive organs	2R:-:11121266-11121243	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_111930	KYNLENIEWTSPYAPK	AGAP001826-PA	-	96	3.58E-09	1	1952.974	-0.65	Pupa	2R:-:11124074-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_112300	TSQACAAVADHGHDSHDHSSPTCAK	AGAP001826-PA	C5(Carbamidomethyl), C23(Carbamidomethyl)	95	1.28E-09	1	2647.098	-1.09	Head	2R:-:11118518-11118444	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_112341	LGQADVSSGPK	AGAP001826-PA	Q3(Deamidated)	79	2.07E-07	1	1058.551	3.05	Pupa	2R:-:11117981-11117949	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_112630	FYLDGEYGYDKYK	AGAP001826-PA	-	68	1.70E-06	2	1660.754	0.8	Male reproductive organs	2R:-:11123630-11123592	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_112815	LGVNNNDKEVALYAVAHNGVEEYLAK	AGAP001826-PA	N18(Deamidated)	83	4.60E-08	1	2830.440	1.05	Male reproductive organs	2R:-:11124299-11124222	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_112846	GDLTSTFK	AGAP001826-PA	-	54	2.99E-05	1	868.441	-0.52	Pupa	2R:-:11120342-11120319	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_112990	TDKYTSLFSNGGK	AGAP001826-PA	N10(Deamidated)	79	2.19E-07	1	1417.696	0.36	Male reproductive organs	2R:-:11118038-11118000	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_113073	GLLGNGNYEPYDDLAVPNGK	AGAP001826-PA	N5(Deamidated),"N5(Deamidated), N18(Deamidated)","N7(Deamidated), N18(Deamidated)",N18(Deamidated)	102	9.24E-10	1	2107.983	0.48	Pupa	2R:-:11118617-11118558	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_113177	FTSQDGELNLEGSLIAVEK	AGAP001826-PA	-	157	2.63E-15	1	2050.033	-0.72	Pupa	2R:-:11123393-11123337	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_113208	GLISLFQVAQEK	AGAP001826-PA	-	35	0.001684678	2	1332.759	4.86	Ovary	2R:-:11126972-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_113298	FSVEVNAKPGSNGKGVNFR	AGAP001826-PA	N12(Deamidated)	83	8.04E-08	1	2008.025	-0.07	Pupa	2R:-:11121518-11121462	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_113492	IAANVDAK	AGAP001826-PA	-	43	0.001108563	1	801.449	3.02	Larva	2R:-:11123591-11123568	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_113714	FYLDGEYGYDK	AGAP001826-PA	-	69	1.07E-06	2	1369.595	0.32	Head	2R:-:11123630-11123598	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_113983	YNLENIEWTSPYAPK	AGAP001826-PA	-	96	4.14E-09	1	1824.882	1.18	Male reproductive organs	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_114133	SVTLVDKDSTVELTAK	AGAP001826-PA	-	106	1.72E-10	1	1705.930	4.81	Malpighian tubule	2R:-:11118845-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_114278	YNLENIEWTSPYAPK	AGAP001826-PA	-	80	1.82E-07	2	1824.894	7.6	Malpighian tubule	2R:-:11124071-11124027	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_114576	TIIFENPDQQPAGNLAVIK	AGAP001826-PA	-	130	8.38E-13	1	2068.113	2.5	Head	2R:-:11126561-11126505	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_114651	YYTVTVGTK	AGAP001826-PA	-	45	0.000643972	1	1031.541	-0.1	Pupa	2R:-:11118725-11118699	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_114866	IVVESLDGGK	AGAP001826-PA	-	60	1.37E-05	1	1016.564	1.39	Pupa	2R:-:11124107-11124078	exon=> In CDS Exon 2 of transcript AGAP001826-PA

JHU_Ag_114904	LGQADVSSGPK	AGAP001826-PA	-	79	2.04E-07	1	1058.547	-0.41	Male reproductive organs	2R:-:11117981-11117949	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_115102	LSLTVQFSAANVLSNAK	AGAP001826-PA	Q6(Deamidated)	80	6.09E-08	2	1762.978	4.73	Pupa	2R:-:11123257-11123207	exon=> In CDS Exon 3 of transcript AGAP001826-PA
JHU_Ag_115137	GLLGNGNYEPYDDLAVPNGK	AGAP001826-PA	N5(Deamidated),N7(Deamidated),"N5(Deamidated), N18(Deamidated)",N18(Deamidated)	93	8.27E-09	1	2107.993	5.11	Larva	2R:-:11118617-11118558	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_115391	LSTNLVSALPEFGK	AGAP001826-PA	-	43	0.000548793	2	1475.804	-4.07	Midgut	2R:-:11119985-11119944	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_115756	DFFNGNGELK	AGAP001826-PA	N4(Deamidated),N6(Deamidated)	45	0.000286445	1	1141.521	3.98	Larva	2R:-:11123042-11123013	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_115815	ITEVSTDFANSYK	AGAP001826-PA	-	67	2.99E-06	2	1474.707	0.69	Visceras	2R:-:11118557-11118519	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_115888	GIMFNMVAPLK	AGAP001826-PA	M3(Oxidation), M6(Oxidation)	73	5.06E-07	1	1220.654	1.13	Pupa	2R:-:11117626-11117594	exon=> In CDS Exon 5 of transcript AGAP001826-PA
JHU_Ag_115995	FDHTTDVQLK	AGAP001826-PA	-	69	2.19E-06	1	1203.600	-0.58	Pupa	2R:-:11121044-11121015	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_116485	KEDLLTLYNQVK	AGAP001826-PA	-	94	2.45E-09	1	1463.810	-0.67	Head	2R:-:11126402-11126367	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_116524	TPGDYDVQLGGSLNK	AGAP001826-PA	-	113	7.80E-11	1	1563.765	0.28	Male reproductive organs	2R:-:11123555-11123511	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_116608	RGLISLFQVAQEK	AGAP001826-PA	-	74	1.48E-07	1	1488.860	4.16	Malpighian tubule	2R:-:11126975-11126937	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_116646	ETDLPIHQK	AGAP001826-PA	-	49	0.000155205	1	1080.568	-0.48	Head	2R:-:11118773-11118747	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_116717	TSQACAAVADHGHDSHDHSSPTCAK	AGAP001826-PA	C5(Carbamidomethyl), C23(Carbamidomethyl)	99	5.48E-10	1	2647.096	-2.01	Male reproductive organs	2R:-:11118518-11118444	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_116824	MSALVNDVVAQLMETFNTK	AGAP001826-PA	M1(Oxidation), M13(Oxidation)	114	5.82E-11	1	2143.052	4.88	Ovary	2R:-:11119784-11119728	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_116988	GGLHPESLCTASDMQVLPPAKK	AGAP001826-PA	C9(Carbamidomethyl), M14(Oxidation)	45	0.000466202	1	2352.178	3.76	Malpighian tubule	2R:-:11117211-11117474,11117036-11117057	exon=> In CDS Exon 7 and 6 of transcript AGAP001826-PA
JHU_Ag_117081	VNLEVAYTDNSFK	AGAP001826-PA	-	95	4.70E-09	1	1499.741	2.21	Head	2R:-:11123852-11123814	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_117113	VEVYAGDNCQYTLK	AGAP001826-PA	C9(Carbamidomethyl)	88	1.76E-08	1	1659.769	0.52	Ovary	2R:-:11127170-11127129	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_117178	SVDLTFKHAK	AGAP001826-PA	-	46	0.000268169	2	1145.634	2.46	Malpighian tubule	2R:-:11121854-11121825	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_117530	AGDKIVAK	AGAP001826-PA	-	42	0.000594889	2	801.487	4.68	Malpighian tubule	2R:-:11120651-11120628	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_117576	SVTLVDK	AGAP001826-PA	-	35	0.002130059	1	761.443	3.67	Larva	2R:-:11118845-11118825	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_117737	SVTLVDKDSTVELTAK	AGAP001826-PA	-	82	5.63E-08	2	1705.924	0.94	Male reproductive organs	2R:-:11118845-11118798	exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_117746	IVNAALSTLKDTNEDSEIR	AGAP001826-PA	-	147	2.11E-14	1	2089.082	2.07	Visceras	2R:-:11125841-11125785	exon=> In CDS Exon 2 of transcript AGAP001826-PA
JHU_Ag_4388	VLQLINDYTAVALNYGIFR	AGAP001827-PA	-	150	6.16E-15	1	2183.186	-0.07	Salivary gland	2R:-:11268102-11268046	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_4694	TVDNPMVDLYR	AGAP001827-PA	M6(Oxidation)	76	5.33E-07	1	1322.641	-0.04	Salivary gland	2R:-:11268450-11268729,11268748-11268343	exon=> In CDS Exon 2 and 1 of transcript AGAP001827-PA
JHU_Ag_8648	VQDILR	AGAP001827-PA	-	39	0.001746982	1	743.443	2.43	Malpighian tubule	2R:-:11267526-11267509	exon=> In CDS Exon 2 of transcript AGAP001827-PA

JHU_Ag_8984	VFGEDAQTLGVR	AGAP001827-PA	-	94	6.73E-09	1	1291.666	1.38	Salivary gland	2R:-:11268531-11268496	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_12190	VFGEDAQTLGVR	AGAP001827-PA	-	60	1.67E-05	2	1291.664	-0.32	Pupa	2R:-:11268531-11268496	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_12371	NVLSANTEHYAQIEGLLDEQDFR	AGAP001827-PA	-	125	4.98E-12	1	2662.286	4.24	Salivary gland	2R:-:11267748-11267680	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_13014	DTNPEKDVFTAVEIETLEK	AGAP001827-PA	-	118	2.67E-11	1	2178.086	1.91	Ovary	2R:-:11266197-11266141	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_17316	VFGEDAQTLGVR	AGAP001827-PA	-	97	2.90E-09	1	1291.666	1.47	Malpighian tubule	2R:-:11268531-11268496	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_18580	HWEHQERPIALNALK	AGAP001827-PA	-	33	0.004591 38	1	1841.986	4.81	Larva	2R:-:11266296-11266252	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_18896	DAVLFPIQVVFDREGESGATR	AGAP001827-PA	-	35	0.003775 609	1	2306.188	4.52	Malpighian tubule	2R:-:11267388-11267326	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_19332	GVANEVYAR	AGAP001827-PA	-	72	1.17E-06	2	978.500	-0.32	Salivary gland	2R:-:11266323-11266297	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_19411	TKTDVFTNPR	AGAP001827-PA	-	56	3.93E-05	1	1178.617	0.24	Salivary gland	2R:-:11267817-11267788	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_20587	FPSNSFGYLTDLLGK	AGAP001827-PA	-	56	3.34E-05	2	1658.836	-4.08	Midgut	2R:-:11268495-11268451	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_20699	AADLATGFK	AGAP001827-PA	-	67	2.41E-06	2	893.473	0.14	Salivary gland	2R:-:11267436-11267410	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_20920	RETALNALESYVIDAQVK	AGAP001827-PA	-	60	8.51E-06	1	2020.072	0.69	Salivary gland	2R:-:11266524-11266471	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_21560	VGVVSPGVPMEIALNK	AGAP001827-PA	M10(Oxidation)	48	9.12E-05	1	1609.901	1.64	Ovary	2R:-:11268630-11268583	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_21926	VELAYVVPLDGELFDASAK	AGAP001827-PA	-	107	2.38E-10	1	2036.064	2.7	Salivary gland	2R:-:11266623-11266567	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_22948	TSAAVVSYQLVK	AGAP001827-PA	-	84	3.17E-08	2	1265.710	-0.01	Salivary gland	2R:-:11267985-11267950	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_24090	VQLSEVAKR	AGAP001827-PA	-	53	4.53E-05	2	1029.608	3.18	Malpighian tubule	2R:-:11267160-11267134	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_24397	LRDYLGR	AGAP001827-PA	-	33	0.006015 543	1	892.500	-0.31	Midgut	2R:-:11267859-11267839	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_25290	VFGEDAQTLGVR	AGAP001827-PA	-	69	2.09E-06	2	1291.666	1.47	Ovary	2R:-:11268531-11268496	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_26171	TVDNPMVDLYR	AGAP001827-PA	M6(Oxidation)	41	0.001278 677	2	1338.640	3.39	Male reproductive organs	2R:-:11268450-11268729,11265748-11268343	exon=> In CDS Exon 2 and 1 of transcript AGAP001827-PA
JHU_Ag_26669	ETALNALESYVIDAQVK	AGAP001827-PA	-	54	4.87E-05	1	1863.972	0.97	Malpighian tubule	2R:-:11266521-11266471	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_27024	NVLSANTEHYAQIEGLLDEQDFR	AGAP001827-PA	-	101	1.18E-09	1	2662.275	0.39	Malpighian tubule	2R:-:11267748-11267680	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_30537	EQFEELCK	AGAP001827-PA	C7(Carbamidomethyl)	34	0.003136 77	2	1082.482	-0.21	Salivary gland	2R:-:11267664-11267641	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_30930	STIEWRDTEVAEQEK	AGAP001827-PA	-	66	3.13E-06	2	1820.873	3.73	Malpighian tubule	2R:-:11266131-11266087	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_31815	ETHPVVQVLGVGYDR	AGAP001827-PA	-	92	8.45E-09	1	1668.876	3.41	Malpighian tubule	2R:-:11267934-11267890	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_33098	LDEQEYASCATETEIETIR	AGAP001827-PA	C9(Carbamidomethyl)	98	1.67E-09	2	2258.017	1.84	Midgut	2R:-:11266470-11266414	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_33622	VELAYVVPLDGELFDASAK	AGAP001827-PA	-	47	0.000196 523	2	2036.066	3.36	Ovary	2R:-:11266623-11266567	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_34884	EEEDEDESTFQK	AGAP001827-PA	-	55	6.18E-06	2	1485.587	0.69	Salivary gland	2R:-:11267010-11266975	exon=> In CDS Exon 2 of transcript AGAP001827-PA

JHU_Ag_35536	DTNPEKDVFTAVEIETLEK	AGAP001827-PA	-	46	0.000379609	1	2178.094	5.72	Larva	2R:-:11266197-11266141	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_35559	LFSGDSADKPAEEKPPTEGGAEAKDEEEPASGK	AGAP001827-PA	-	164	3.98E-16	1	3373.546	-2.83	Midgut	2R:-:11266953-11266855	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_36679	VQDILR	AGAP001827-PA	-	40	0.001384485	2	743.443	2.1	Salivary gland	2R:-:11267526-11267509	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_36898	ASVAENVESK	AGAP001827-PA	-	60	1.87E-05	2	1033.518	1.97	Salivary gland	2R:-:11267127-11267098	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_37255	VGVVSPGVPMEIALNK	AGAP001827-PA	M10(Oxidation)	50	6.60E-05	1	1625.893	0.02	Midgut	2R:-:11268630-11268583	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_40171	TVDNPMVDLYR	AGAP001827-PA	M6(Oxidation)	43	0.000718	2	1338.643	4.94	Malpighian tubule	2R:-:11268450-11268729,11265748-11268343	exon=> In CDS Exon 2 and 1 of transcript AGAP001827-PA
JHU_Ag_40656	ETHPVVQVLGVGYDR	AGAP001827-PA	-	114	4.89E-11	1	1668.878	4.5	Salivary gland	2R:-:11267934-11267890	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_40924	DAVLFPIQVVFDR	AGAP001827-PA	-	61	7.08E-06	1	1518.836	2.99	Ovary	2R:-:11267388-11267350	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_41770	TSAAVVSYQLVK	AGAP001827-PA	-	74	2.66E-07	2	1265.710	-0.4	Ovary	2R:-:11267985-11267950	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_42356	TLGGLEMQVR	AGAP001827-PA	-	41	0.000997734	2	1103.591	2.87	Midgut	2R:-:11267889-11267860	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_42676	ASVAENVESK	AGAP001827-PA	-	72	1.46E-06	2	1033.519	3.27	Malpighian tubule	2R:-:11267127-11267098	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_44299	DAKPEAGEPADK	AGAP001827-PA	-	64	5.13E-06	1	1227.585	-0.6	Midgut	2R:-:11266743-11266708	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_49863	HTDDFEFTVQYAELDAVLKGDTETLGSPDLAR	AGAP001827-PA	-	49	0.000145816	1	3553.699	0.58	Salivary gland	2R:-:11267256-11267161	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_50070	GDTETLGSPDLAR	AGAP001827-PA	-	44	0.000565998	2	1331.647	2.13	Head	2R:-:11267199-11267161	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_51298	SYAEDSTGQLITECVLIVPGFYGQAER	AGAP001827-PA	C14(Carbamidomethyl)	48	0.000218746	1	3003.441	0.24	Salivary gland	2R:-:11268222-11268142	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_51574	VELAYVVPLDGELFDASAK	AGAP001827-PA	-	57	2.27E-05	1	2036.063	1.98	Malpighian tubule	2R:-:11266623-11266567	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_52784	DTNPEKDVFTAVEIETLEK	AGAP001827-PA	-	73	7.41E-07	1	2178.088	2.83	Malpighian tubule	2R:-:11266197-11266141	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_53853	ETHPVVQVLGVGYDR	AGAP001827-PA	-	59	1.76E-05	1	1668.869	-1.13	Male reproductive organs	2R:-:11267934-11267890	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_53884	VKPTPPPKPEK	AGAP001827-PA	-	39	0.000288098	1	1217.729	2.64	Malpighian tubule	2R:-:11265972-11265940	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_54975	GVANEVYAR	AGAP001827-PA	-	56	4.75E-05	2	978.502	1.8	Malpighian tubule	2R:-:11266323-11266297	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_54984	NVLSANTEHYAQIEGLLDEQDFR	AGAP001827-PA	-	54	5.94E-05	1	2662.294	7.27	Head	2R:-:11267748-11267680	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_55042	AADLATGFK	AGAP001827-PA	-	46	0.000364195	1	893.475	2	Malpighian tubule	2R:-:11267436-11267410	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_56226	DTNPEKDVFTAVEIETLEK	AGAP001827-PA	-	73	6.68E-07	1	2178.090	4.09	Head	2R:-:11266197-11266141	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_58636	NLNADEAACMGAVYR	AGAP001827-PA	C9(Carbamidomethyl), M10(Oxidation)	65	2.60E-06	2	1670.733	3.9	Malpighian tubule	2R:-:11267481-11267437	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_59066	DAKPEAGEPADK	AGAP001827-PA	-	59	1.68E-05	1	1227.585	0.1	Salivary gland	2R:-:11266743-11266708	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_60425	TVTKEEEDEDESTFQK	AGAP001827-PA	-	123	4.80E-12	1	1914.852	3.55	Malpighian tubule	2R:-:11267022-11266975	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_61382	EQFEELCKDLYER	AGAP001827-PA	C7(Carbamidomethyl)	77	2.20E-07	1	1758.802	1.01	Ovary	2R:-:11267664-11267626	exon=> In CDS Exon 2 of transcript AGAP001827-PA

JHU_Ag_63446	TLGGLEMQVR	AGAP001827-PA	-	62	8.19E-06	1	1103.590	1.88	Salivary gland	2R:-:11267889-11267860	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_64897	DAVLFPIQVVFDR	AGAP001827-PA	-	82	6.17E-08	1	1518.835	2.26	Salivary gland	2R:-:11267388-11267350	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_66254	IVTLKEPIPSK	AGAP001827-PA	-	33	0.000828798	1	1224.758	1.31	Salivary gland	2R:-:11266656-11266624	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_66857	ALAVSGLALDVINQVVLFGGNTR	AGAP001827-PA	-	70	1.65E-07	3	2327.315	2.96	Midgut	2R:-:11267604-11267536	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_66946	AHFLLDDSGIFSLANVELVLEK	AGAP001827-PA	-	55	2.80E-05	1	2430.291	-0.44	Salivary gland	2R:-:11267088-11267023	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_66953	DAVLFPIQVVFDR	AGAP001827-PA	-	67	2.05E-06	1	1518.826	-3.68	Midgut	2R:-:11267388-11267350	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_67248	FPSNSFGYLTDLLGK	AGAP001827-PA	-	116	3.68E-11	1	1658.844	1.07	Salivary gland	2R:-:11268495-11268451	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_67456	NLNADEAACMGAVYR	AGAP001827-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), M10(Oxidation)"	128	1.31E-12	1	1654.730	-0.61	Salivary gland	2R:-:11267481-11267437	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_67981	DVFTAVEIETLEK	AGAP001827-PA	-	96	3.63E-09	1	1493.777	2.64	Salivary gland	2R:-:11266179-11266141	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_68256	NVLSANTEHYAQIEGLLDEQDFR	AGAP001827-PA	-	82	1.03E-07	1	2662.273	-0.37	Ovary	2R:-:11267748-11267680	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_70249	EQFEELCKDLYER	AGAP001827-PA	C7(Carbamidomethyl)	60	1.24E-05	1	1758.802	0.69	Salivary gland	2R:-:11267664-11267626	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_73291	ETHPVVQVLGVGYDR	AGAP001827-PA	-	77	2.31E-07	1	1668.878	4.65	Head	2R:-:11267934-11267890	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_74223	ALAVSGLALDVINQVVLFGGNTR	AGAP001827-PA	-	147	3.61E-15	1	2327.312	1.54	Salivary gland	2R:-:11267604-11267536	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_74394	GDTETLGSPDLAR	AGAP001827-PA	-	60	1.37E-05	2	1331.643	-0.71	Salivary gland	2R:-:11267199-11267161	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_74841	LRDYLGR	AGAP001827-PA	-	37	0.002234986	1	892.500	-0.25	Salivary gland	2R:-:11267859-11267839	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_76897	VFGEDAQTLGVR	AGAP001827-PA	-	69	2.20E-06	2	1291.664	-0.04	Male reproductive organs	2R:-:11268531-11268496	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_79080	VQLSEVAK	AGAP001827-PA	-	46	0.000346491	2	873.504	-0.25	Salivary gland	2R:-:11267160-11267137	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_80430	TDVFTNPR	AGAP001827-PA	-	43	0.000767574	2	949.476	2.37	Malpighian tubule	2R:-:11267811-11267788	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_80626	VGVVSPGVPMEIALNK	AGAP001827-PA	M10(Oxidation)	54	2.82E-05	2	1625.896	1.44	Head	2R:-:11268630-11268583	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_81405	TVDNPMVDLYR	AGAP001827-PA	M6(Oxidation)	64	5.73E-06	2	1338.635	-0.44	Midgut	2R:-:11268450-11268729,11265748-11268343	exon=> In CDS Exon 2 and 1 of transcript AGAP001827-PA
JHU_Ag_81455	DAKPEAGEPADKK	AGAP001827-PA	-	76	3.50E-07	2	1355.681	0.63	Salivary gland	2R:-:11266743-11266705	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_82005	LFSGDSADKPAEEKPPTEGGAEAK	AGAP001827-PA	-	115	4.83E-11	1	2431.158	-1.65	Head	2R:-:11266953-11266882	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_83028	TGESGDHTEL	AGAP001827-PA	-	50	2.67E-05	2	1045.443	-0.02	Salivary gland	2R:-:11265780-11265751	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_83074	FPSNSFGYLTDLLGK	AGAP001827-PA	-	82	8.29E-08	2	1658.847	2.91	Malpighian tubule	2R:-:11268495-11268451	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_83454	DAVLFPIQVVFDR	AGAP001827-PA	-	44	0.000378544	1	1518.830	-0.71	Malpighian tubule	2R:-:11267388-11267350	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_83857	ETALNALESYVIDAQVK	AGAP001827-PA	-	114	5.36E-11	1	1863.975	2.68	Salivary gland	2R:-:11266521-11266471	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_84177	LKASVAENVESK	AGAP001827-PA	-	61	9.59E-06	1	1274.699	3.35	Malpighian tubule	2R:-:11267133-11267098	exon=> In CDS Exon 2 of transcript AGAP001827-PA

JHU_Ag_85973	TSAAVVSYQLVK	AGAP001827-PA	-	76	1.63E-07	2	1265.711	1.05	Male reproductive organs	2R:-:11267985-11267950	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_86342	HWEHQERPIALNALK	AGAP001827-PA	-	49	0.000113763	1	1841.975	-1.35	Salivary gland	2R:-:11266296-11266252	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_86391	ETHPVVQVLGVGYDR	AGAP001827-PA	-	93	6.45E-09	1	1668.870	-0.03	Midgut	2R:-:11267934-11267890	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_86632	FPSNSFGYLTDLLGK	AGAP001827-PA	N4(Deamidated)	50	0.000146315	2	1659.806	-12.61	Larva	2R:-:11268495-11268451	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_86935	THIGQELAK	AGAP001827-PA	-	56	2.06E-05	1	996.551	3.41	Malpighian tubule	2R:-:11267508-11267482	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_87418	FPYYDIVADPVR	AGAP001827-PA	-	95	5.06E-09	1	1454.737	3.86	Salivary gland	2R:-:11268336-11268301	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_87813	TSAAVVSYQLVK	AGAP001827-PA	-	41	0.00046071	2	1265.711	1.05	Head	2R:-:11267985-11267950	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_89030	ETALNALESYVIDAQVK	AGAP001827-PA	-	73	6.03E-07	2	1863.985	7.92	Head	2R:-:11266521-11266471	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_90200	TALVAAAR	AGAP001827-PA	-	40	0.001344541	2	772.470	3.27	Malpighian tubule	2R:-:11268141-11268118	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_90468	VELAYVVPLDGELFDASAK	AGAP001827-PA	-	121	9.89E-12	1	2036.054	-2.09	Midgut	2R:-:11266623-11266567	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_90873	VGVVSPGVPMEIALNK	AGAP001827-PA	M10(Oxidation)	126	1.27E-12	1	1609.899	0.5	Salivary gland	2R:-:11268630-11268583	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_91344	TLFGSMNSYPQK	AGAP001827-PA	M6(Oxidation)	48	0.000227056	2	1388.652	0.36	Salivary gland	2R:-:11267313-11267278	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_92405	ETHPVVQVLGVGYDR	AGAP001827-PA	-	105	3.84E-10	1	1668.874	2.16	Ovary	2R:-:11267934-11267890	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_96854	DAKPEAGEPADK	AGAP001827-PA	-	68	1.74E-06	1	1227.587	1.39	Head	2R:-:11266743-11266708	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_101919	TLGGLEMQVR	AGAP001827-PA	M7(Oxidation)	48	0.000303773	1	1119.585	1.81	Malpighian tubule	2R:-:11267889-11267860	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_102333	LFSGDSADKPAEEKPPTEGGAEAK	AGAP001827-PA	-	94	6.48E-09	1	2431.163	0.21	Salivary gland	2R:-:11266953-11266882	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_103743	NVLSANTEHYAQIEGLLDEQDFR	AGAP001827-PA	-	73	7.32E-07	3	2662.284	3.41	Midgut	2R:-:11267748-11267680	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_104456	DVFTAVEIETLEK	AGAP001827-PA	-	63	7.55E-06	2	1493.781	4.93	Midgut	2R:-:11266179-11266141	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_106093	IGNTISK	AGAP001827-PA	-	46	0.000298779	2	732.427	2.88	Malpighian tubule	2R:-:11266974-11266954	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_107953	DTNPEKDVFTAVEIETLEK	AGAP001827-PA	-	92	8.55E-09	1	2178.096	6.84	Salivary gland	2R:-:11266197-11266141	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_108880	EEEDEDESTFQK	AGAP001827-PA	-	63	9.87E-07	2	1485.590	2.42	Head	2R:-:11267010-11266975	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_109871	LDEQEYASCATETEIETIR	AGAP001827-PA	C9(Carbamidomethyl)	118	1.58E-11	2	2258.019	2.81	Salivary gland	2R:-:11266470-11266414	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_110465	TVTKEEEDEDESTFQK	AGAP001827-PA	-	86	2.31E-08	1	1914.855	5.21	Salivary gland	2R:-:11267022-11266975	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_111907	GVANEVYAR	AGAP001827-PA	-	55	4.98E-05	2	978.500	-0.38	Male reproductive organs	2R:-:11266323-11266297	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_112324	TGESGDHTEL	AGAP001827-PA	-	32	0.0017256	2	1045.445	1.62	Malpighian tubule	2R:-:11265780-11265751	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_112737	TPTTIAFR	AGAP001827-PA	-	53	5.82E-05	1	906.505	0.27	Salivary gland	2R:-:11268567-11268544	exon=> In CDS Exon 1 of transcript AGAP001827-PA
JHU_Ag_113008	TSAAVVSYQLVK	AGAP001827-PA	-	66	1.99E-06	2	1265.707	-2.13	Midgut	2R:-:11267985-11267950	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_113239	FPSNSFGYLTDLLGK	AGAP001827-PA	-	128	2.17E-12	1	1658.849	3.65	Ovary	2R:-:11268495-11268451	exon=> In CDS Exon 1 of transcript AGAP001827-PA

JHU_Ag_113874	LSALDQVDKAK	AGAP001827-PA	Q6(Deamidated)	64	5.73E-06	1	1188.646	-0.79	Salivary gland	2R:-:11266563-11266531	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_113897	TDVFTNPR	AGAP001827-PA	-	66	3.79E-06	2	949.473	-0.91	Salivary gland	2R:-:11267811-11267788	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_114525	TKTDVFTNPR	AGAP001827-PA	-	52	9.05E-05	1	1178.619	2.52	Malpighian tubule	2R:-:11267817-11267788	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_116144	GDTETLGSPDLAR	AGAP001827-PA	-	43	0.000734 73	2	1331.644	0.48	Malpighian tubule	2R:-:11267199-11267161	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_116289	FPYYDIVADPVR	AGAP001827-PA	-	90	1.51E-08	1	1454.735	2.18	Visceras	2R:-:11268336-11268301	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_117553	FPYYDIVADPVRR	AGAP001827-PA	-	56	3.23E-05	1	1610.833	0.12	Salivary gland	2R:-:11268336-11268298	exon=> In CDS Exon 2 of transcript AGAP001827-PA
JHU_Ag_62270	RLFSFLR	AGAP001864-PA,AGAP013305-PA	-	27	0.007491 988	1	938.558	1.13	Ovary	2R:+:11614909-11614929;2R:+:11617871-11617891	exon=> In CDS Exon 2 of transcript AGAP001864-PA;exon=> In CDS Exon 2 of transcript AGAP013305-PA
JHU_Ag_4010	HTVYDLLVELVR	AGAP001871-PA	-	78	1.05E-07	1	1456.823	4.74	Ovary	2R:-:11733882-11733847	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_12158	ALELIK	AGAP001871-PA	-	28	0.003415 376	1	686.444	-0.41	Midgut	2R:-:11733417-11733400	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_17124	AAAPLQQQQPPAANTSK	AGAP001871-PA	-	96	3.36E-09	1	1720.903	3.19	Malpighian tubule	2R:-:11733525-11733475	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_22083	ALELIK	AGAP001871-PA	-	28	0.003626 089	1	686.445	0.03	Pupa	2R:-:11733417-11733400	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_22994	ALELIK	AGAP001871-PA	-	28	0.003685 008	1	686.445	0.3	Larva	2R:-:11733417-11733400	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_36256	ALELIK	AGAP001871-PA	-	28	0.003702 017	1	686.444	-1.3	Head	2R:-:11733417-11733400	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_36410	MDSVLKPIQR	AGAP001871-PA	N-Term(Acetyl)	59	1.48E-05	1	1228.677	4.3	Malpighian tubule	2R:-:11734405-11734376	exon=> In CDS Exon 1 of transcript AGAP001871-PA
JHU_Ag_42032	FSPTELAEVLVR	AGAP001871-PA	-	41	0.000905 802	1	1360.754	4.9	Ovary	2R:-:11733732-11733697	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_43404	YQVLLQFK	AGAP001871-PA	-	33	0.001748 975	2	1038.602	3.8	Malpighian tubule	2R:-:11733462-11733439	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_52393	ELLHAVLPLQDFR	AGAP001871-PA	-	45	0.000146 713	3	1550.878	5.69	Ovary	2R:-:11733303-11733265	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_64019	MDSVLKPIQR	AGAP001871-PA	N-Term(Acetyl), M1(Oxidation)	46	0.000335 381	1	1244.672	4.02	Ovary	2R:-:11734405-11734376	exon=> In CDS Exon 1 of transcript AGAP001871-PA
JHU_Ag_86511	RLDALEGEHIHPIEVQTVAILYAK	AGAP001871-PA	-	58	4.55E-06	1	2715.494	4.18	Malpighian tubule	2R:-:11733210-11733139	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_89574	YFIALDLR	AGAP001871-PA	-	41	0.000257 08	2	1010.571	3.77	Malpighian tubule	2R:-:11732994-11732971	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_92177	AAAPLQQQQPPAANTSK	AGAP001871-PA	-	37	0.002322 229	2	1720.902	2.7	Head	2R:-:11733525-11733475	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_98481	MDSVLKPIQR	AGAP001871-PA	N-Term(Acetyl), M1(Oxidation)	52	9.54E-05	1	1244.671	3.33	Malpighian tubule	2R:-:11734405-11734376	exon=> In CDS Exon 1 of transcript AGAP001871-PA
JHU_Ag_99433	RLDALEGEHIHPIEVQTVAILYAK	AGAP001871-PA	-	66	8.02E-07	1	2715.485	0.94	Ovary	2R:-:11733210-11733139	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_105239	VSLAAPIK	AGAP001871-PA	-	42	0.000114 034	1	798.512	5.04	Ovary	2R:-:11732674-11732651	exon=> In CDS Exon 3 of transcript AGAP001871-PA
JHU_Ag_106644	DILLGLNDAFEHSFDHHPK	AGAP001871-PA	-	56	4.19E-05	1	2205.090	7.75	Ovary	2R:-:11733063-11733007	exon=> In CDS Exon 2 of transcript AGAP001871-PA
JHU_Ag_109837	FLYIGSDVPFVLDPPQPLDVEIGKK	AGAP001871-PA	-	34	0.001916 252	1	2786.507	1.81	Ovary	2R:-:11734375-11734301	exon=> In CDS Exon 1 of transcript AGAP001871-PA
JHU_Ag_115198	VKVDMFITITDSLIR	AGAP001871-PA	-	48	5.77E-05	3	1750.985	4.33	Malpighian tubule	2R:-:11732632-11732588	exon=> In CDS Exon 3 of transcript AGAP001871-PA

JHU_Ag_92041	ALESSLWEIAALQNHVLPSVASAAR	AGAP001872-PA	-	99	7.32E-10	1	2633.412	2.85	Ovary	2R:-:11737136-11737062	exon=> In CDS Exon 3 of transcript AGAP001872-PA
JHU_Ag_100316	ATSTLVEILEYFK	AGAP001872-PA	-	74	4.61E-07	1	1513.817	1.11	Ovary	2R:-:11738706-11738668	exon=> In CDS Exon 1 of transcript AGAP001872-PA
JHU_Ag_9748	TFTVQHPIAR	AGAP001873-PA	-	65	2.21E-06	1	1169.643	0.53	Head	2R:-:11742620-11742808,11742404-11742510	exon=> In CDS Exon 7 and 6 of transcript AGAP001873-PA
JHU_Ag_13740	DTDDVPMVLVGNK	AGAP001874-PA	M7(Oxidation), N12(Deamidated),M7(Oxidation)	101	1.36E-09	1	1418.685	1.56	Head	2R:-:11749984-11749946	exon=> In CDS Exon 4 of transcript AGAP001874-PA
JHU_Ag_14009	YDPTIEDSYRK	AGAP001874-PA	-	48	0.000186554	1	1386.655	0.87	Head	2R:-:11750407-11750375	exon=> In CDS Exon 2 of transcript AGAP001874-PA
JHU_Ag_15025	DTDDVPMVLVGNK	AGAP001874-PA	M7(Oxidation)	84	6.71E-08	2	1418.684	0.36	Midgut	2R:-:11749984-11749946	exon=> In CDS Exon 4 of transcript AGAP001874-PA
JHU_Ag_25818	SALTVQFVQGIFVEKYDPTIEDSYR	AGAP001874-PA	-	126	2.75E-12	1	2905.471	3.14	Malpighian tubule	2R:-:11769726-11769774,11750318-11750378	exon=> In CDS Exon 2 and 1 of transcript AGAP001874-PA
JHU_Ag_26651	INVNDIFYDLVQQINK	AGAP001874-PA	-	105	3.24E-10	1	1936.020	1.5	Midgut	2R:-:11749846-11749984,11749658-11749715	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA
JHU_Ag_32685	VKDTDDVPMVLVGNK	AGAP001874-PA	M9(Oxidation)	63	1.01E-05	2	1645.846	-0.54	Midgut	2R:-:11750091-11750214,11749832-11749946	exon=> In CDS Exon 4 and 3 of transcript AGAP001874-PA
JHU_Ag_35050	YDPTIEDSYR	AGAP001874-PA	-	52	4.73E-05	1	1258.557	-0.98	Head	2R:-:11750407-11750378	exon=> In CDS Exon 2 of transcript AGAP001874-PA
JHU_Ag_37872	INVNDIFYDLVQQINKK	AGAP001874-PA	-	43	0.000327984	3	2064.133	9.71	Malpighian tubule	2R:-:11749846-11749984,11749658-11749712	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA
JHU_Ag_38553	IVVLGSGGVGK	AGAP001874-PA	-	49	9.36E-05	2	985.605	0.42	Ovary	2R:-:11769759-11769727	exon=> In CDS Exon 1 of transcript AGAP001874-PA
JHU_Ag_49165	YDPTIEDSYRK	AGAP001874-PA	-	46	0.000268979	1	1386.654	-0.01	Male reproductive organs	2R:-:11750407-11750375	exon=> In CDS Exon 2 of transcript AGAP001874-PA
JHU_Ag_50547	IVVLGSGGVGK	AGAP001874-PA	-	40	0.000739927	2	985.604	-0.13	Salivary gland	2R:-:11769759-11769727	exon=> In CDS Exon 1 of transcript AGAP001874-PA
JHU_Ag_63551	INVNDIFYDLVQQINKK	AGAP001874-PA	-	62	4.63E-06	1	2064.111	-0.58	Ovary	2R:-:11749846-11749984,11749658-11749712	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA
JHU_Ag_66368	SLAAQFNCAFMETSAK	AGAP001874-PA	C8(Carbamidomethyl), M11(Oxidation)	111	8.57E-11	1	1791.806	1.3	Malpighian tubule	2R:-:11749900-11749853	exon=> In CDS Exon 4 of transcript AGAP001874-PA
JHU_Ag_68659	YDPTIEDSYR	AGAP001874-PA	-	41	0.000615445	1	1258.560	0.96	Salivary gland	2R:-:11750407-11750378	exon=> In CDS Exon 2 of transcript AGAP001874-PA
JHU_Ag_74963	YDPTIEDSYR	AGAP001874-PA	-	62	4.38E-06	2	1258.558	-0.59	Midgut	2R:-:11750407-11750378	exon=> In CDS Exon 2 of transcript AGAP001874-PA
JHU_Ag_75026	INVNDIFYDLVQQINKK	AGAP001874-PA	-	43	0.0003132	1	2064.126	6.43	Head	2R:-:11749846-11749984,11749658-11749712	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA
JHU_Ag_80972	SLAAQFNCAFMETSAK	AGAP001874-PA	C8(Carbamidomethyl)	83	6.60E-08	1	1775.812	1.61	Salivary gland	2R:-:11749900-11749853	exon=> In CDS Exon 4 of transcript AGAP001874-PA
JHU_Ag_82763	SLAAQFNCAFMETSAK	AGAP001874-PA	C8(Carbamidomethyl),"C8(Carbamidomethyl), M11(Oxidation)"	101	1.07E-09	2	1775.814	2.43	Midgut	2R:-:11749900-11749853	exon=> In CDS Exon 4 of transcript AGAP001874-PA
JHU_Ag_84755	INVNDIFYDLVQQINK	AGAP001874-PA	-	95	3.92E-09	1	1936.019	0.94	Head	2R:-:11749846-11749984,11749658-11749715	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA

JHU_Ag_88308	INVNDIFYDLVQQINKK	AGAP001874-PA	N4(Deamidated),N2(Deamidated)	85	2.51E-08	2	2064.111	-0.9	Midgut	2R:-:11749846-11749984,11749658-11749712	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA
JHU_Ag_90848	INVNDIFYDLVQQINK	AGAP001874-PA	-	42	0.000694441	1	1936.030	6.51	Malpighian tubule	2R:-:11749846-11749984,11749658-11749715	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA
JHU_Ag_95923	VKDTDDVPMVLVGNK	AGAP001874-PA	M9(Oxidation)	75	5.66E-07	1	1645.851	2.5	Malpighian tubule	2R:-:11750091-11750214,11749832-11749946	exon=> In CDS Exon 4 and 3 of transcript AGAP001874-PA
JHU_Ag_96717	IVVLGSGGVGK	AGAP001874-PA	-	60	7.62E-06	1	985.605	0.44	Malpighian tubule	2R:-:11769759-11769727	exon=> In CDS Exon 1 of transcript AGAP001874-PA
JHU_Ag_96839	SLAAQFNCAFMETSAK	AGAP001874-PA	C8(Carbamidomethyl),"C8(Carbamidomethyl),M11(Oxidation)"	100	1.17E-09	1	1775.814	2.43	Head	2R:-:11749900-11749853	exon=> In CDS Exon 4 of transcript AGAP001874-PA
JHU_Ag_105114	YDPTIEDSYRK	AGAP001874-PA	-	38	0.002212636	1	1386.654	0.43	Midgut	2R:-:11750407-11750375	exon=> In CDS Exon 2 of transcript AGAP001874-PA
JHU_Ag_105899	IVVLGSGGVGK	AGAP001874-PA	-	48	0.000113551	1	985.602	-2.53	Midgut	2R:-:11769759-11769727	exon=> In CDS Exon 1 of transcript AGAP001874-PA
JHU_Ag_108713	INVNDIFYDLVQQINK	AGAP001874-PA	-	136	2.68E-13	1	1936.025	3.96	Ovary	2R:-:11749846-11749984,11749658-11749715	exon=> In CDS Exon 5 and 4 of transcript AGAP001874-PA
JHU_Ag_112017	IVVLGSGGVGK	AGAP001874-PA	-	64	3.00E-06	2	985.605	0.86	Visceras	2R:-:11769759-11769727	exon=> In CDS Exon 1 of transcript AGAP001874-PA
JHU_Ag_117526	IVVLGSGGVGK	AGAP001874-PA	-	63	3.77E-06	1	985.603	-1.42	Head	2R:-:11769759-11769727	exon=> In CDS Exon 1 of transcript AGAP001874-PA
JHU_Ag_20397	CYFVDLFVR	AGAP001878-PA	C1(Carbamidomethyl)	55	5.98E-05	1	1218.599	0.96	Ovary	2R:+:11797964-11797990	exon=> In CDS Exon 4 of transcript AGAP001878-PA
JHU_Ag_112704	LGLAATLMSFLEDVSEK	AGAP001878-PA	M8(Oxidation)	112	7.35E-11	1	1839.945	2.07	Ovary	2R:+:11797828-11797877,11797957-11797957	exon=> In CDS Exon 3 and 4 of transcript AGAP001878-PA
JHU_Ag_15000	FAELESLLGDTDR	AGAP001879-PA	-	62	9.73E-06	1	1465.716	-0.35	Ovary	2R:-:11799010-11798972	exon=> In CDS Exon 2 of transcript AGAP001879-PA
JHU_Ag_30371	VLVLEAWR	AGAP001879-PA	-	42	0.000588059	2	985.583	-0.05	Ovary	2R:-:11798683-11798660	exon=> In CDS Exon 2 of transcript AGAP001879-PA
JHU_Ag_49255	AIYELAIQQPR	AGAP001879-PA	-	48	0.00019823	2	1301.722	0.92	Ovary	2R:-:11798965-11798933	exon=> In CDS Exon 2 of transcript AGAP001879-PA
JHU_Ag_74469	FEISAENEEEGLNVPLAR	AGAP001879-PA	-	63	7.96E-06	2	2016.989	0.59	Ovary	2R:-:11798794-11798741	exon=> In CDS Exon 2 of transcript AGAP001879-PA
JHU_Ag_342	RLPSGHVYYVPYDFTGGHAPDFEPTPAGYGWLAAK	AGAP001881-PA	-	103	6.57E-10	1	3836.852	0.58	Midgut	2R:+:11835999-11836103	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_7031	LNALLVSLGSQIPESVATSAR	AGAP001881-PA	-	97	7.46E-10	1	2126.183	0.47	Midgut	2R:+:11837037-11837099	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_8952	QQNGYYR	AGAP001881-PA	N3(Deamidated)	31	0.002927615	2	929.411	-0.26	Midgut	2R:+:11836158-11836178	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_10182	AEWLDFAVPLR	AGAP001881-PA	-	87	3.47E-08	1	1316.697	-2.18	Midgut	2R:+:11836296-11836328	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_16033	VTEFVQR	AGAP001881-PA	-	54	6.51E-05	2	878.473	-0.22	Midgut	2R:+:11836941-11836961	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_18472	VNYDAHNWELLIEALHNDPAQIHHR	AGAP001881-PA	-	159	1.70E-15	1	3005.477	0.03	Midgut	2R:+:11836179-11836253	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_19350	QFSGTVK	AGAP001881-PA	-	38	0.00133287	2	766.409	-0.32	Midgut	2R:+:11834201-11834221	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_21341	AEWLDFAVPLR	AGAP001881-PA	-	51	0.000131983	2	1316.704	2.82	Pupa	2R:+:11836296-11836328	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_21867	AQLVNDAYNLAR	AGAP001881-PA	N5(Deamidated),N9(Deamidated)	106	4.04E-10	1	1347.702	0	Midgut	2R:+:11836260-11836295	exon=> In CDS Exon 2 of transcript AGAP001881-PA

JHU_Ag_21920	VEFEGALQNNNNMGFFASSYLDNSGNR	AGAP001881-PA	Q8(Deamidated), M13(Oxidation),"N11(Deamidated), M13(Oxidation)","N10(Deamidated), M13(Oxidation)","N9(Deamidated), M13(Oxidation)"	67	1.36E-06	1	3012.322	5.08	Midgut	2R:+:11834432-11834512	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_22204	EGVDAVLDFLMVPSR	AGAP001881-PA	M11(Oxidation)	37	0.002842216	2	1663.846	5.96	Larva	2R:+:11836896-11836940	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_25973	QLMDSWTSEPGFPVLTVYR	AGAP001881-PA	M3(Oxidation)	41	0.001266865	3	2242.080	-2.33	Midgut	2R:+:11835885-11835941	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_28132	MTQIAIPDR	AGAP001881-PA	M1(Oxidation)	67	2.67E-06	1	1044.550	-0.46	Midgut	2R:+:11834906-11834932	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_29913	YLASSK	AGAP001881-PA	-	34	0.001880875	1	668.361	-0.26	Midgut	2R:+:11834516-11834533	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_30531	ETQYAPWTAAGSALTYLYNK	AGAP001881-PA	-	78	2.85E-07	2	2248.090	-1.1	Midgut	2R:+:11836350-11836409	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_30558	ADKIATGVPNDQWIIFNR	AGAP001881-PA	-	81	8.39E-08	1	2058.070	-3.13	Midgut	2R:+:11836104-11836157	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_32215	TNNQPELDR	AGAP001881-PA	-	42	0.000609217	2	1086.517	-0.08	Midgut	2R:+:11837010-11837036	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_32638	LGQSALNSAVSNIASR	AGAP001881-PA	N7(Deamidated)	152	8.57E-15	1	1587.844	-0.59	Midgut	2R:+:11836962-11837009	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_37442	VLFEVLEPTTTVTLHNR	AGAP001881-PA	-	58	6.94E-06	1	1969.085	5.1	Malpighian tubule	2R:+:11834222-11834272	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_38543	QALAAAYQAR	AGAP001881-PA	-	67	3.54E-06	2	1062.569	-0.43	Midgut	2R:+:11836596-11836625	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_38568	LGQSALNSAVSNIASR	AGAP001881-PA	-	141	1.03E-13	1	1587.852	4.25	Malpighian tubule	2R:+:11836962-11837009	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_38594	ATFELELTHYK	AGAP001881-PA	-	96	4.82E-09	1	1351.691	1.34	Midgut	2R:+:11834591-11834623	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_43868	FEVTPLMSTYLLAFAVTDFTIR	AGAP001881-PA	M7(Oxidation)	96	2.38E-09	1	2551.319	1.57	Midgut	2R:+:11834705-11834770	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_47921	VEFEGALQNNNNMGFFASSYLDNSGNRR	AGAP001881-PA	N12(Deamidated), M13(Oxidation),"N11(Deamidated), M13(Oxidation)",M13(Oxidation),"M13(Oxidation), N23(Deamidated)","N10(Deamidated), M13(Oxidation)","M13(Oxidation), N26(Deamidated)"	212	6.03E-21	1	3167.420	-1.08	Midgut	2R:+:11834432-11834515	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_50125	AFLHEEAVGGGAGAQIEQVAHSTDPDTEHLTLAVSQLLPAGSR	AGAP001881-PA	Q15(Deamidated), Q18(Deamidated)	119	1.12E-11	1	4382.167	3.06	Midgut	2R:+:11834291-11834419	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_50468	AEWLDFAVPLR	AGAP001881-PA	-	53	7.94E-05	2	1316.705	3.66	Malpighian tubule	2R:+:11836296-11836328	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_51665	LMSYLR	AGAP001881-PA	M2(Oxidation)	31	0.006142399	1	798.417	-0.58	Midgut	2R:+:11836329-11836346	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_54970	GTGAMENWGLVAYGEPVLLFNPAINTYR	AGAP001881-PA	M5(Oxidation)	75	4.18E-07	1	3069.517	0.94	Midgut	2R:+:11834933-11834973,11835362-11835404	exon=> In CDS Exon 1 and 2 of transcript AGAP001881-PA
JHU_Ag_55439	AVLGDPVWR	AGAP001881-PA	-	42	0.000427659	2	1012.558	0.16	Midgut	2R:+:11835729-11835755	exon=> In CDS Exon 2 of transcript AGAP001881-PA

JHU_Ag_70794	AQLVNDAYNLAR	AGAP001881-PA	-	102	1.11E-09	2	1347.710	6.34	Malpighian tubule	2R:+:11836260-11836295	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_70978	LPSGHVYYVPYDFTGGHAPDFEPTPAGYGWLAAK	AGAP001881-PA	-	67	2.10E-06	1	3680.756	2.03	Midgut	2R:+:11836002-11836103	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_75502	VLFEVLEPTTTVTLHNR	AGAP001881-PA	-	70	5.02E-07	1	1969.075	-0.02	Midgut	2R:+:11834222-11834272	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_79124	TVLIDALACSR	AGAP001881-PA	C9(Carbamidomethyl)	57	3.36E-05	2	1218.649	-1.48	Midgut	2R:+:11836746-11836778	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_79467	ILDALSDYMDISYYDYMPK	AGAP001881-PA	M17(Oxidation),"M9(Oxidation), M17(Oxidation)",M9(Oxidation)	90	9.09E-09	1	2348.042	2.81	Midgut	2R:+:11834849-11834905	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_82681	TNNQPELDRLNALLVSLGSQIPESVATSAR	AGAP001881-PA	-	107	1.27E-10	1	3193.682	0.33	Midgut	2R:+:11837010-11837099	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_82975	IVSAVYGASR	AGAP001881-PA	-	84	3.01E-08	2	1022.563	0.07	Midgut	2R:+:11836866-11836895	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_83241	VGHGDCLAK	AGAP001881-PA	C6(Carbamidomethyl)	55	2.62E-05	1	956.461	-0.68	Midgut	2R:+:11836563-11836589	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_88260	QTVYARPNVFEETAYPLEAGNR	AGAP001881-PA	-	80	1.39E-07	1	2525.242	-0.04	Midgut	2R:+:11834783-11834848	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_99799	VLFEVLEPTTTVTLHNRR	AGAP001881-PA	-	71	3.45E-07	1	2125.175	-0.62	Midgut	2R:+:11834222-11834275	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_101721	IATGVPNDQWIIFNR	AGAP001881-PA	N7(Deamidated)	114	4.74E-11	1	1743.914	-2.16	Midgut	2R:+:11836113-11836157	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_104299	EGVDAVLDFLMVPSR	AGAP001881-PA	M11(Oxidation)	114	6.65E-11	2	1663.834	-1.31	Midgut	2R:+:11836896-11836940	exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_111277	VLFEVLEPTTTVTLHNRR	AGAP001881-PA	-	31	0.003813818	1	2125.184	3.67	Malpighian tubule	2R:+:11834222-11834275	exon=> In CDS Exon 1 of transcript AGAP001881-PA
JHU_Ag_3225	TITQEELETIFRPYGEIITSR	AGAP001883-PA	-	89	9.54E-09	1	2496.303	1.8	Visceras	2R:+:11857036-11857098	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_6706	RLGAIHHPINK	AGAP001883-PA	-	45	0.000141661	1	1255.737	-1.07	Head	2R:+:11857321-11857353	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_14491	TITQEELETIFRPYGEIITSR	AGAP001883-PA	-	94	2.98E-09	1	2496.310	4.81	Head	2R:+:11857036-11857098	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_79290	VVQPALPAFLNPQLTR	AGAP001883-PA	-	70	1.23E-07	1	1764.017	-0.13	Head	2R:+:11857273-11857320	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_91108	GQSLGYGFVNYHRPQDAEQAVNVLNGLR	AGAP001883-PA	-	137	2.41E-13	1	3102.552	0.43	Head	2R:+:11856862-11856945	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_99367	VLIQDGNDKPK	AGAP001883-PA	-	57	1.64E-05	1	1226.676	1.3	Head	2R:+:11857099-11857131	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_101352	LGAIHHPINK	AGAP001883-PA	-	62	5.98E-06	1	1099.637	-0.09	Head	2R:+:11857324-11857353	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_117666	VSFARPSSEGIK	AGAP001883-PA	-	37	0.002471212	1	1277.686	0.93	Head	2R:+:11856967-11857002	exon=> In CDS Exon 1 of transcript AGAP001883-PA
JHU_Ag_2699	LGYLTEEQFAEWVRPENMLGPK	AGAP001884-PA	-	55	4.92E-05	1	2607.296	1.96	Malpighian tubule	2R:-:11882220-11882155	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_2732	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	63	6.29E-06	1	1131.557	-0.35	Pupa	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_3822	AAALVNKEYGLDPK	AGAP001884-PA	-	77	2.33E-07	1	1488.806	-0.01	Pupa	2R:-:11883460-11883419	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_4135	FEALAAR	AGAP001884-PA	-	44	0.000706513	1	777.427	1.71	Ovary	2R:-:11882827-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_4278	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	102	3.17E-10	1	2301.261	0.11	Head	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_4687	TESDTFGELKVPNDK	AGAP001884-PA	-	84	6.37E-08	1	1679.819	3.9	Malpighian tubule	2R:-:11883610-11883566	exon=> In CDS Exon 2 of transcript AGAP001884-PA

JHU_Ag_4725	AIELLGGQLGSK	AGAP001884-PA	-	76	1.94E-07	1	1185.686	1.86	Salivary gland	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_4733	LYDDHFPLVIWQTGSGTQTNMNVNEVISNR	AGAP001884-PA	M21(Oxidation)	114	5.12E-11	1	3464.646	-2.27	Ovary	2R:-:11883370-11883281	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_4889	ELTGNLRPAIQTLHDALK	AGAP001884-PA	Q11(Deamidated)	119	4.43E-12	1	1990.112	1.86	Pupa	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_6621	LGYLTEEQFAEWVRPENMLGPK	AGAP001884-PA	M18(Oxidation)	113	7.61E-11	1	2607.304	4.7	Pupa	2R:-:11882220-11882155	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_10023	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	140	9.77E-14	2	1809.955	1.26	Head	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_10293	TESDTFGELKVPNDK	AGAP001884-PA	-	105	5.18E-10	1	1679.813	0.48	Midgut	2R:-:11883610-11883566	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_10867	IADAIALAADDVISGK	AGAP001884-PA	-	114	3.70E-11	1	1542.841	2.21	Pupa	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_11315	THTQDAVPLTLGQEFSGYVQQMAFALDR	AGAP001884-PA	Q13(Deamidated), M22(Oxidation),M22(Oxidation)	138	2.11E-13	1	3139.520	1.48	Visceras	2R:-:11883061-11882978	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_12944	TESDTFGELKVPNDK	AGAP001884-PA	-	97	3.10E-09	1	1679.814	0.92	Pupa	2R:-:11883610-11883566	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_13792	LGYLTEEQFAEWVRPENMLGPK	AGAP001884-PA	M18(Oxidation)	82	1.04E-07	1	2623.303	6.24	Larva	2R:-:11882220-11882155	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_13922	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	80	1.90E-07	1	1406.675	0.89	Salivary gland	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_15307	VPNDKYYGAQTVR	AGAP001884-PA	-	103	7.59E-10	1	1510.767	1.23	Head	2R:-:11883580-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_15839	IADAIALAADDVISGK	AGAP001884-PA	-	107	1.84E-10	2	1542.839	1.26	Male reproductive organs	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_16789	IMNESLMLVTALNPHIGYDK	AGAP001884-PA	M2(Oxidation), M7(Oxidation)	89	1.88E-08	1	2291.147	2.36	Malpighian tubule	2R:-:11882343-11882284	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_17084	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	102	2.61E-10	1	2301.262	0.75	Male reproductive organs	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_18351	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	83	1.80E-08	1	2301.272	4.97	Larva	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_18851	TPVHPNDHVNK	AGAP001884-PA	-	33	0.005474694	1	1257.633	-0.02	Midgut	2R:-:11883244-11883212	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_18925	TESDTFGELK	AGAP001884-PA	-	35	0.003849587	1	1126.528	1.78	Midgut	2R:-:11883610-11883581	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_20024	VPNDKYYGAQTVR	AGAP001884-PA	-	67	2.80E-06	1	1510.765	0.25	Malpighian tubule	2R:-:11883580-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_20436	IADAIALAADDVISGK	AGAP001884-PA	-	125	3.21E-12	2	1542.837	-0.17	Midgut	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_20700	ELTGNLRPAIQTLHDALK	AGAP001884-PA	-	103	1.97E-10	1	1990.109	0.66	Malpighian tubule	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_21890	TESDTFGELK	AGAP001884-PA	-	62	6.18E-06	2	1126.525	-0.78	Ovary	2R:-:11883610-11883581	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_22980	TESDTFGELK	AGAP001884-PA	-	71	8.24E-07	2	1126.525	-0.78	Pupa	2R:-:11883610-11883581	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_23886	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	N5(Deamidated)	123	7.90E-12	1	1916.947	0.48	Malpighian tubule	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_23928	AAALVNK	AGAP001884-PA	-	41	0.000581929	1	686.419	-0.94	Head	2R:-:11883460-11883440	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_24422	IANDIR	AGAP001884-PA	-	35	0.003158515	2	701.394	0.25	Visceras	2R:-:11882749-11882732	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_24571	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	90	1.10E-08	2	1809.957	2.07	Salivary gland	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA

JHU_Ag_24886	LYDDHFPLVIWQTGSGTQTNMNVNEVISNR	AGAP001884-PA	M21(Oxidation)	61	9.33E-06	1	3464.656	0.69	Midgut	2R:-:11883370-11883281	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_25203	TESDTFGELKVPNDK	AGAP001884-PA	-	105	5.77E-10	1	1679.812	0.04	Head	2R:-:11883610-11883566	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_25524	MPQPVITAMGILK	AGAP001884-PA	M1(Oxidation), M9(Oxidation)	56	3.32E-05	1	1430.775	0.03	Ovary	2R:-:11883502-11883464	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_26015	IADAIALAADDVISGK	AGAP001884-PA	-	108	1.63E-10	2	1542.839	1.1	Salivary gland	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_26213	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	41	0.001061952	2	1131.558	0.29	Midgut	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_26844	TESDTFGELK	AGAP001884-PA	-	61	7.91E-06	1	1126.527	0.31	Malpighian tubule	2R:-:11883610-11883581	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_27302	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	49	0.00018004	2	1131.555	-1.97	Salivary gland	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_27351	MPQPVITAMGILK	AGAP001884-PA	M1(Oxidation)	75	2.66E-07	1	1398.786	1.14	Head	2R:-:11883502-11883464	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_28840	SDEFKDIIK	AGAP001884-PA	-	60	1.63E-05	1	1094.572	-1.07	Malpighian tubule	2R:-:11883097-11883071	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_29495	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	51	9.81E-05	2	1131.557	-0.57	Male reproductive organs	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_29701	SDEFKDIIK	AGAP001884-PA	-	46	0.000369695	1	1094.573	-0.18	Head	2R:-:11883097-11883071	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_31800	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	70	1.62E-06	1	1406.672	-0.67	Midgut	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_32287	ELTGNLRPAIQTLHDALK	AGAP001884-PA	N5(Deamidated),Q11(Deamidated)	124	1.41E-12	1	1990.111	1.21	Head	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_32707	MPQPVITAMGILK	AGAP001884-PA	M1(Oxidation), M9(Oxidation)	62	4.90E-06	2	1398.782	-2	Midgut	2R:-:11883502-11883464	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_34091	FLGSGPR	AGAP001884-PA	-	39	0.00261237	2	733.399	-0.05	Midgut	2R:-:11882731-11882711	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_34334	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	83	7.78E-08	1	1422.669	0.17	Pupa	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_34576	VPNDKYYGAQTVR	AGAP001884-PA	-	73	7.02E-07	1	1510.764	-0.38	Midgut	2R:-:11883580-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_35742	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	65	5.46E-06	1	1131.558	0.68	Head	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_35830	SDEFKDIIK	AGAP001884-PA	-	40	0.001542659	1	1094.572	-0.73	Salivary gland	2R:-:11883097-11883071	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_36326	IGELTGLPFVSAPNK	AGAP001884-PA	-	99	9.59E-10	1	1542.855	1.35	Visceras	2R:-:11882872-11882828	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_36656	IEAVLPR	AGAP001884-PA	-	36	0.000687026	2	797.488	0.02	Male reproductive organs	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_36732	IGELTGLPFVSAPNK	AGAP001884-PA	-	63	3.26E-06	2	1542.856	1.82	Ovary	2R:-:11882872-11882828	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_38717	AAALVNKEYGLDPK	AGAP001884-PA	-	77	2.38E-07	1	1488.807	0.72	Malpighian tubule	2R:-:11883460-11883419	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_39683	CGLGELSLPENEPGSSIMPGK	AGAP001884-PA	C1(Carbamidomethyl), M18(Oxidation)	50	0.000114284	1	2188.031	2.23	Midgut	2R:-:11882710-11882648	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_42103	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	101	8.02E-10	2	1809.958	2.68	Visceras	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_43498	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	66	3.52E-06	2	1131.556	-1.22	Visceras	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_43732	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	105	3.25E-10	2	1809.959	3.42	Pupa	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA

JHU_Ag_44146	MPQPVITAMGILK	AGAP001884-PA	Q3(Deamidated),M1(Oxidation),M9(Oxidation)	109	1.01E-10	1	1398.786	0.96	Visceras	2R:-:11883502-11883464	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_45137	YYGAQTVR	AGAP001884-PA	-	53	3.49E-05	1	957.479	-0.13	Pupa	2R:-:11883565-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_45704	TPVHPNDHVNK	AGAP001884-PA	N10(Deamidated)	71	8.74E-07	1	1257.628	-4.21	Head	2R:-:11883244-11883212	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_48002	IANDIRFLGSGPR	AGAP001884-PA	-	76	2.42E-07	1	1415.778	1.72	Malpighian tubule	2R:-:11882749-11882711	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_48809	YYGAQTVR	AGAP001884-PA	-	31	0.005867931	2	957.477	-2.3	Head	2R:-:11883565-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_48983	LYDDHFPLVIWQTGSGTQTNMNVNEVISNR	AGAP001884-PA	M21(Oxidation)	44	0.000471076	3	3464.669	4.18	Male reproductive organs	2R:-:11883370-11883281	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_49712	AIELLGGQLGSK	AGAP001884-PA	-	78	1.29E-07	1	1185.685	1.04	Malpighian tubule	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_50886	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	65	5.21E-06	2	1406.674	0.11	Visceras	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_50892	IMNESLMLVTALNPHIGYDK	AGAP001884-PA	M2(Oxidation),"M2(Oxidation),M7(Oxidation)",M7(Oxidation)	118	2.33E-11	1	2291.149	3.39	Head	2R:-:11882343-11882284	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_51166	FLGSGPR	AGAP001884-PA	-	42	0.001380494	2	733.399	-0.13	Head	2R:-:11882731-11882711	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_51222	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	-	94	7.29E-09	1	1916.948	1.04	Ovary	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_51504	ELTGNLRPAIQTLHDALK	AGAP001884-PA	-	119	4.58E-12	1	1990.111	1.4	Visceras	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_51772	AIELLGGQLGSK	AGAP001884-PA	-	92	5.31E-09	1	1185.683	-0.51	Male reproductive organs	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_53367	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	-	87	3.72E-08	1	1916.946	-0.29	Midgut	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_53810	VPNDKYYGAQTVR	AGAP001884-PA	-	74	6.53E-07	1	1510.765	-0.22	Pupa	2R:-:11883580-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_55170	MPQPVITAMGILK	AGAP001884-PA	M1(Oxidation)	59	1.23E-05	2	1414.783	2.05	Pupa	2R:-:11883502-11883464	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_56521	LLSDSAR	AGAP001884-PA	-	42	0.00123826	2	761.415	0.21	Head	2R:-:11882497-11883634,11882152-11882401	exon=> In CDS Exon 3 and 2 of transcript AGAP001884-PA
JHU_Ag_56623	LYDDHFPLVIWQTGSGTQTNMNVNEVISNR	AGAP001884-PA	M21(Oxidation)	74	5.18E-07	1	3464.668	4.07	Malpighian tubule	2R:-:11883370-11883281	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_57040	IADAIALAADDVISGK	AGAP001884-PA	-	119	1.09E-11	2	1542.839	0.78	Visceras	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_57595	SDEFKDIIK	AGAP001884-PA	-	60	1.58E-05	1	1094.574	0.61	Pupa	2R:-:11883097-11883071	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_58478	MPQPVITAMGILKK	AGAP001884-PA	-	47	7.47E-05	1	1526.883	1.92	Visceras	2R:-:11883502-11883461	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_59228	IANDIR	AGAP001884-PA	-	37	0.001961024	2	701.395	0.59	Malpighian tubule	2R:-:11882749-11882732	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_60545	VPNDKYYGAQTVR	AGAP001884-PA	-	106	3.28E-10	1	1510.767	1.47	Visceras	2R:-:11883580-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_60926	FEALAAR	AGAP001884-PA	-	39	0.002297046	2	777.426	0.3	Pupa	2R:-:11882827-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_61358	IADAIALAADDVISGK	AGAP001884-PA	-	110	9.61E-11	1	1542.836	-0.81	Malpighian tubule	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_62475	IMNESLMLVTALNPHIGYDK	AGAP001884-PA	M2(Oxidation)	46	0.000417048	1	2275.150	1.61	Midgut	2R:-:11882343-11882284	exon=> In CDS Exon 3 of transcript AGAP001884-PA

JHU_Ag_63164	ELTGNLRPAIQTLHDALK	AGAP001884-PA	-	119	4.81E-12	1	1990.106	-1.18	Midgut	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_64661	AIELLGGQLGSK	AGAP001884-PA	-	81	6.20E-08	1	1185.682	-1.74	Midgut	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_64685	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	-	129	2.33E-12	1	1916.945	-0.54	Visceras	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_65201	IMNESLMLVTALNPHIGYDK	AGAP001884-PA	M7(Oxidation)	136	3.24E-13	1	2259.156	2.16	Visceras	2R:-:11882343-11882284	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_66178	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	84	6.01E-08	1	1422.669	0.77	Ovary	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_67165	ELTGNLRPAIQTLHDALK	AGAP001884-PA	-	57	7.00E-06	1	1990.112	1.95	Larva	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_67202	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	69	2.19E-06	1	1131.558	0.73	Malpighian tubule	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_67436	IEAVLPR	AGAP001884-PA	-	50	2.69E-05	2	797.489	0.86	Midgut	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_67911	IGELTGLPFVSAPNK	AGAP001884-PA	-	112	4.39E-11	1	1542.852	-0.31	Head	2R:-:11882872-11882828	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_68032	AAALVNKEYGLDPK	AGAP001884-PA	-	49	0.000140219	2	1488.804	-1.09	Salivary gland	2R:-:11883460-11883419	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_68930	ELTGNLRPAIQTLHDALK	AGAP001884-PA	-	106	8.69E-11	1	1990.109	0.66	Male reproductive organs	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_70389	LYDDHFPLVIWQTGSGTQTNMNVNEVISNR	AGAP001884-PA	M21(Oxidation)	78	1.94E-07	1	3464.656	0.48	Pupa	2R:-:11883370-11883281	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_71525	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	103	1.92E-10	1	2301.265	2.1	Visceras	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_71993	THTQDAVPLTLGQEFSGYVQQMAFALDR	AGAP001884-PA	M22(Oxidation)	147	2.81E-14	1	3139.515	-0.03	Malpighian tubule	2R:-:11883061-11882978	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_72371	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	104	1.83E-10	1	2301.265	2.1	Pupa	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_72989	MPQPVITAMGILKK	AGAP001884-PA	M1(Oxidation)	76	9.21E-08	1	1526.879	-0.38	Malpighian tubule	2R:-:11883502-11883461	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_73566	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	103	2.03E-10	1	2301.267	2.98	Salivary gland	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_73621	MPQPVITAMGILK	AGAP001884-PA	M1(Oxidation),"M1(Oxidation), M9(Oxidation)"	91	6.51E-09	1	1398.789	3.06	Malpighian tubule	2R:-:11883502-11883464	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_73633	ELTGNLRPAIQTLHDALK	AGAP001884-PA	-	113	1.81E-11	1	1990.108	0.02	Ovary	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_75028	MPQPVITAMGILK	AGAP001884-PA	M1(Oxidation), M9(Oxidation)	43	0.000556455	1	1430.778	2.51	Male reproductive organs	2R:-:11883502-11883464	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_75346	LGYLTEEQFAEWVRPENMLGPK	AGAP001884-PA	M18(Oxidation)	158	2.18E-15	1	2607.299	2.87	Visceras	2R:-:11882220-11882155	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_75798	IEAVLPR	AGAP001884-PA	-	42	0.000150999	2	797.488	0.09	Head	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_76028	TESDTFGELKVPNDK	AGAP001884-PA	-	72	1.11E-06	1	1679.815	1.57	Male reproductive organs	2R:-:11883610-11883566	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_76466	AAALVNKEYGLDPK	AGAP001884-PA	-	60	1.08E-05	1	1488.810	2.76	Male reproductive organs	2R:-:11883460-11883419	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_77162	IGELTGLPFVSAPNK	AGAP001884-PA	-	82	4.66E-08	1	1542.854	0.56	Malpighian tubule	2R:-:11882872-11882828	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_77206	AIELLGGQLGSK	AGAP001884-PA	-	83	4.54E-08	1	1185.683	-1.02	Pupa	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_78679	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	-	84	7.13E-08	1	1916.944	-0.92	Male reproductive organs	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA

JHU_Ag_79710	TESDTFGELK	AGAP001884-PA	-	66	2.88E-06	2	1126.525	-0.78	Head	2R:-:11883610-11883581	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_79863	IEAVLPR	AGAP001884-PA	-	43	0.000130067	1	797.489	1.62	Malpighian tubule	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_80509	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	96	1.07E-09	1	2301.265	2.18	Malpighian tubule	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_81085	TPVHPNDHVNK	AGAP001884-PA	-	61	9.70E-06	1	1257.634	0.74	Visceras	2R:-:11883244-11883212	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_81125	AIELLGGQLGSK	AGAP001884-PA	-	79	9.11E-08	2	1185.684	0.25	Visceras	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_81604	IEAVLPR	AGAP001884-PA	-	44	9.27E-05	2	797.488	-0.52	Pupa	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_82710	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	-	57	3.32E-05	1	1916.946	-0.1	Salivary gland	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_83230	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	57	3.04E-05	2	1422.677	6.43	Male reproductive organs	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_84097	MPQPVITAMGILKK	AGAP001884-PA	M1(Oxidation)	61	3.66E-06	3	1542.876	1.04	Pupa	2R:-:11883502-11883461	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_85970	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	88	2.21E-08	1	1422.671	2.06	Malpighian tubule	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_86939	IMNESLMLVTALNPHIGYDK	AGAP001884-PA	M2(Oxidation), M7(Oxidation)	148	2.40E-14	1	2291.142	0.36	Ovary	2R:-:11882343-11882284	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_87621	IEAVLPR	AGAP001884-PA	-	36	0.000709534	2	797.489	0.63	Salivary gland	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_87887	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	114	4.61E-11	1	1809.951	-1.03	Ovary	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_88606	LYDDHFPLVIWQTGSGTQTNMNVNEVISNR	AGAP001884-PA	M21(Oxidation)	86	3.50E-08	1	3464.663	2.59	Visceras	2R:-:11883370-11883281	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_89860	ANIDKIMNESLMLVTALNPHIGYDK	AGAP001884-PA	M7(Oxidation),"M7(Oxidation), M12(Oxidation)"	98	1.72E-09	1	2832.430	0.94	Pupa	2R:-:11882358-11882284	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_89880	IADAIALAADDVISGK	AGAP001884-PA	-	114	3.68E-11	1	1542.840	1.81	Head	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_90719	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	98	8.41E-10	1	2301.258	-1.08	Ovary	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_90990	LGYLTEEQFAEWVRPENMLGPK	AGAP001884-PA	M18(Oxidation)	132	1.10E-12	1	2623.295	3.16	Head	2R:-:11882220-11882155	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_91477	THTQDAVPLTLGQEFSGYVQQMAFALDR	AGAP001884-PA	M22(Oxidation)	161	1.02E-15	1	3139.509	-1.9	Head	2R:-:11883061-11882978	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_92010	AIELLGGQLGSK	AGAP001884-PA	-	68	1.37E-06	1	1185.683	-0.47	Ovary	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_93543	IEAVLPR	AGAP001884-PA	-	30	0.002143039	2	797.487	-1.29	Visceras	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_93705	KAAALVNK	AGAP001884-PA	-	41	0.000600469	2	814.515	0.02	Male reproductive organs	2R:-:11883463-11883440	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_94599	AIELLGGQLGSK	AGAP001884-PA	-	92	4.51E-09	1	1185.684	0.01	Head	2R:-:11883280-11883245	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_95581	TESDTFGELK	AGAP001884-PA	-	57	2.37E-05	2	1126.525	-1.21	Visceras	2R:-:11883610-11883581	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_96052	IADAIALAADDVISGK	AGAP001884-PA	-	105	2.98E-10	1	1542.837	-0.4	Ovary	2R:-:11883418-11883371	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_97759	IGELTGLPFVSAPNKFEALAAR	AGAP001884-PA	-	102	2.79E-10	1	2301.260	-0.05	Midgut	2R:-:11882872-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_100391	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	94	4.19E-09	2	1809.955	1.06	Male reproductive organs	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA

JHU_Ag_100762	CGLGELSLPENEPGSSIMPGK	AGAP001884-PA	C1(Carbamidomethyl),"C1 (Carbamidomethyl), M18(Oxidation)"	70	1.08E-06	1	2188.026	0	Visceras	2R:-:11882710-11882648	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_101984	TPVHPNDHVNK	AGAP001884-PA	-	43	0.000642 37	2	1257.634	0.46	Salivary gland	2R:-:11883244-11883212	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_102045	TPVHPNDHVNK	AGAP001884-PA	-	70	1.19E-06	1	1257.635	1.4	Malpighian tubule	2R:-:11883244-11883212	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_103360	TPVHPNDHVNK	AGAP001884-PA	-	58	1.80E-05	1	1257.635	1.24	Male reproductive organs	2R:-:11883244-11883212	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_104000	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	-	107	3.22E-10	1	1916.947	0.47	Pupa	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_104498	IMNESLMLVTALNPHIGYDK	AGAP001884-PA	M2(Oxidation), M7(Oxidation)	85	4.66E-08	1	2291.154	5.63	Larva	2R:-:11882343-11882284	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_104752	IGELTGLPFVSAPNK	AGAP001884-PA	-	64	2.74E-06	2	1542.853	0.4	Midgut	2R:-:11882872-11882828	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_104843	THTQDAVPLTLGQEFSGYVQQMAFALDR	AGAP001884-PA	M22(Oxidation)	154	5.62E-15	1	3139.521	1.72	Ovary	2R:-:11883061-11882978	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_105033	SDEFKDIIK	AGAP001884-PA	-	56	3.50E-05	1	1094.573	0.05	Ovary	2R:-:11883097-11883071	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_105745	IGELTGLPFVSAPNK	AGAP001884-PA	-	85	2.17E-08	1	1542.857	2.85	Pupa	2R:-:11882872-11882828	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_106398	FLGSGPR	AGAP001884-PA	-	40	0.002222 05	2	733.399	-0.46	Pupa	2R:-:11882731-11882711	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_107930	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	121	7.78E-12	1	1793.960	1.1	Malpighian tubule	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_108424	IEAVLPR	AGAP001884-PA	-	43	0.000115 922	1	797.489	1.62	Ovary	2R:-:11882977-11882957	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_108527	TPVHPNDHVNK	AGAP001884-PA	-	36	0.003518 307	1	1257.644	8.29	Ovary	2R:-:11883244-11883212	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_109173	IGELTGLPFVSAPNK	AGAP001884-PA	-	45	0.000233 447	2	1542.854	0.88	Male reproductive organs	2R:-:11882872-11882828	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_109404	LGYLTEEQFAEWVRPENMLGPK	AGAP001884-PA	M18(Oxidation)	145	5.59E-14	1	2623.287	0.16	Midgut	2R:-:11882220-11882155	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_109546	VYMLAIGGTAVGTGLNTR	AGAP001884-PA	M3(Oxidation)	96	2.95E-09	2	1809.954	0.66	Midgut	2R:-:11882956-11882903	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_110716	YYGAQTVR	AGAP001884-PA	-	50	7.07E-05	1	957.478	-0.64	Malpighian tubule	2R:-:11883565-11883542	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_111426	LLSDSAR	AGAP001884-PA	-	43	0.001001 871	2	761.416	1.17	Malpighian tubule	2R:-:11882497-11883634,11882152-11882401	exon=> In CDS Exon 3 and 2 of transcript AGAP001884-PA
JHU_Ag_111476	TESDTFGELKVPNDK	AGAP001884-PA	-	110	1.64E-10	1	1679.813	0.41	Visceras	2R:-:11883610-11883566	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_111876	MPQPVITAMGILKK	AGAP001884-PA	-	41	0.000278 266	1	1526.879	-0.5	Head	2R:-:11883502-11883461	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_111980	FEALAAR	AGAP001884-PA	-	39	0.001824 4	2	777.426	1.01	Malpighian tubule	2R:-:11882827-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_113875	ELTGNLRPAIQTLHDALKAK	AGAP001884-PA	-	35	0.000520 042	1	2189.241	0.24	Malpighian tubule	2R:-:11883157-11883098	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_114083	NCVVGIEANR	AGAP001884-PA	C2(Carbamidomethyl)	64	5.07E-06	1	1131.558	-0.03	Ovary	2R:-:11882388-11882359	exon=> In CDS Exon 3 of transcript AGAP001884-PA
JHU_Ag_114292	SQSSNDTFPTAIHVSVAR	AGAP001884-PA	Q2(Deamidated)	124	7.02E-12	1	1916.946	-0.22	Head	2R:-:11883211-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_114808	STMNFPIGGPTER	AGAP001884-PA	M3(Oxidation)	81	1.42E-07	1	1406.674	0.72	Head	2R:-:11883541-11883503	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_115830	ELTGNLRPAIQTLHDALK	AGAP001884-PA	-	95	1.09E-09	1	1990.115	3.33	Salivary gland	2R:-:11883157-11883104	exon=> In CDS Exon 2 of transcript AGAP001884-PA

JHU_Ag_116089	FEALAAR	AGAP001884-PA	-	51	0.000123 81	2	777.424	-1.66	Visceras	2R:-:11882827-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_116510	FEALAAR	AGAP001884-PA	-	53	8.21E-05	2	777.425	-0.25	Head	2R:-:11882827-11882807	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_116849	TPVHPNDHVNKSQSSNDTFPTAIHVSV AR	AGAP001884-PA	-	99	1.61E-09	1	3155.565	1.01	Malpighian tubule	2R:-:11883244-11883158	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_117286	LYDDHFPLVIWQTGSGTQTNMNVNE VISNR	AGAP001884-PA	M21(Oxidation)	68	2.53E-06	3	3448.663	1.2	Head	2R:-:11883370-11883281	exon=> In CDS Exon 2 of transcript AGAP001884-PA
JHU_Ag_91659	ESVPEERPVDLLTSAVHVK	AGAP001885-PA	-	51	5.25E-05	1	2105.131	3.57	Ovary	2R:+:11886115-11886171	exon=> In CDS Exon 1 of transcript AGAP001885-PA
JHU_Ag_16726	APGRPTGDDGAPAAAGPTIGGGQPK	AGAP001886-PA	-	65	5.38E-06	1	2216.112	2.69	Head	2R:-:11893690-11893616	exon=> In CDS Exon 2 of transcript AGAP001886-PA
JHU_Ag_18489	LGNGGGSAAAPLDFSDELAQK	AGAP001886-PA	N3(Deamidated)	40	0.001643 466	1	2018.969	0.94	Head	2R:-:11893096-11893034	exon=> In CDS Exon 3 of transcript AGAP001886-PA
JHU_Ag_99111	DTSLTSVSSSSSAAATSSK	AGAP001886-PA	-	103	6.78E-10	1	1773.840	3.01	Head	2R:-:11889606-11889550	exon=> In CDS Exon 8 of transcript AGAP001886-PA
JHU_Ag_39046	TNQVGLFPSFK	AGAP001888-PA	-	57	2.25E-05	2	1237.657	-0.56	Midgut	2R:-:11908072-11908040	exon=> In CDS Exon 3 of transcript AGAP001888-PA
JHU_Ag_85660	RVETNTQELWNFLQSEVTK	AGAP001888-PA	-	67	2.64E-06	1	2322.187	6.43	Midgut	2R:-:11909519-11909463	exon=> In CDS Exon 1 of transcript AGAP001888-PA
JHU_Ag_32999	CTCPCK	AGAP001890-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), C5(Carbamidomethyl)	30	0.000530 106	2	825.305	-0.22	Midgut	2R:+:11913529-11913546	exon=> In CDS Exon 2 of transcript AGAP001890-PA
JHU_Ag_65909	TCVADCK	AGAP001890-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	41	0.000326 177	2	853.354	-0.28	Midgut	2R:+:11913374-11913386,11913476-11913483	exon=> In CDS Exon 1 and 2 of transcript AGAP001890-PA
JHU_Ag_94416	VKLEPEVVAEVR	AGAP001892-PA	-	35	0.001197 574	2	1367.793	2.93	Midgut	2R:+:11918593-11918628	exon=> In CDS Exon 2 of transcript AGAP001892-PA
JHU_Ag_10678	MAFTVISPVDLNLNPR	AGAP001894-PA	M1(Oxidation)	105	4.88E-10	1	1802.941	-3.36	Midgut	2R:+:11925719-11925766	exon=> In CDS Exon 2 of transcript AGAP001894-PA
JHU_Ag_13056	IVGGIEYAPR	AGAP001894-PA	-	65	3.60E-06	2	1074.595	1.04	Salivary gland	2R:+:11926561-11926590	exon=> In CDS Exon 3 of transcript AGAP001894-PA
JHU_Ag_13099	MAFTVISPVDLNLNPR	AGAP001894-PA	-	52	5.01E-05	2	1786.962	5.31	Visceras	2R:+:11925719-11925766	exon=> In CDS Exon 2 of transcript AGAP001894-PA
JHU_Ag_54238	DCTIELDNPYNTYYAGQTVNGR	AGAP001894-PA	C2(Carbamidomethyl)	95	3.40E-09	2	2564.144	3.2	Head	2R:+:11923758-11923823	exon=> In CDS Exon 1 of transcript AGAP001894-PA
JHU_Ag_71647	IVGGIEYAPR	AGAP001894-PA	-	75	5.77E-07	2	1074.595	0.58	Malpighian tubule	2R:+:11926561-11926590	exon=> In CDS Exon 3 of transcript AGAP001894-PA
JHU_Ag_81026	VTFTFDSPK	AGAP001894-PA	-	37	0.002373 704	2	1041.522	-2.68	Midgut	2R:+:11923824-11923850	exon=> In CDS Exon 1 of transcript AGAP001894-PA
JHU_Ag_95443	MAFTVISPVDLNLNPR	AGAP001894-PA	-	38	0.001538 301	2	1786.954	0.87	Malpighian tubule	2R:+:11925719-11925766	exon=> In CDS Exon 2 of transcript AGAP001894-PA
JHU_Ag_2968	QAPIMAPAQAK	AGAP001895-PA	Q1(Deamidated), M5(Oxidation), Q9(Deamidated)	31	0.009656 183	1	1143.562	-7.94	Midgut	2R:-:11932102-11932070	exon=> In CDS Exon 3 of transcript AGAP001895-PA
JHU_Ag_3552	ELIAQGEQLVAEYVEAFLLTALPR	AGAP001898-PA	-	53	2.25E-05	3	2673.453	1.01	Midgut	2R:-:11954623-11954552	exon=> In CDS Exon 1 of transcript AGAP001898-PA
JHU_Ag_38680	EALTSEAQLAHVSSHLGTK	AGAP001898-PA	-	75	4.07E-07	1	1979.026	3.49	Ovary	2R:-:11954521-11954465	exon=> In CDS Exon 1 of transcript AGAP001898-PA
JHU_Ag_67888	DLYEYLEIADPLR	AGAP001898-PA	-	38	0.002716 622	2	1609.814	1.88	Midgut	2R:-:11954314-11954276	exon=> In CDS Exon 1 of transcript AGAP001898-PA
JHU_Ag_80330	LQESFDANVLQQAFTHQSFIEQETR	AGAP001898-PA	Q2(Deamidated),Q17(Deamidated)	126	3.33E-12	1	2967.432	6.77	Ovary	2R:-:11954752-11954678	exon=> In CDS Exon 1 of transcript AGAP001898-PA
JHU_Ag_100035	DFLCGQLNQR	AGAP001898-PA	C4(Carbamidomethyl)	59	1.95E-05	1	1250.595	-0.12	Midgut	2R:-:11954344-11954315	exon=> In CDS Exon 1 of transcript AGAP001898-PA

JHU_Ag_109046	EALTSEAQLAHVSSHLGTK	AGAP001898-PA	-	65	4.57E-06	1	1979.018	-0.68	Pupa	2R:-:11954521-11954465	exon=> In CDS Exon 1 of transcript AGAP001898-PA
JHU_Ag_4074	DGIFENQSVDR	AGAP001899-PA	-	39	0.001418764	1	1279.593	1.32	Male reproductive organs	2R:-:11957532-11957500	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_4566	IKIWETYGVK	AGAP001899-PA	-	35	0.001855359	1	1236.699	0.2	Pupa	2R:-:11957763-11958108,11955910-11957647	exon=> In CDS Exon 5 and 4 of transcript AGAP001899-PA
JHU_Ag_4620	FLAPELIENVFK	AGAP001899-PA	-	35	0.002334474	2	1419.795	4.7	Larva	2R:-:11956590-11956555	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_6087	LGPVGGIFNLAVQLR	AGAP001899-PA	-	128	1.97E-13	1	1553.928	7.22	Larva	2R:-:11957577-11957533	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_9723	AIATQYLDEVSR	AGAP001899-PA	-	67	3.12E-06	2	1365.702	0.49	Male reproductive organs	2R:-:11957475-11957440	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_11041	LGLAINVYR	AGAP001899-PA	-	56	8.32E-06	2	1018.611	6.46	Malpighian tubule	2R:-:11959106-11959080	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_11147	LNEVIPEPQKR	AGAP001899-PA	-	58	7.71E-06	1	1322.747	3.12	Malpighian tubule	2R:-:11961152-11961120	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_13097	ENVEAFVAQLTEK	AGAP001899-PA	-	52	0.000102591	1	1477.760	4.47	Larva	2R:-:11961278-11961240	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_14132	LYINGLDIPVAR	AGAP001899-PA	-	50	9.44E-05	1	1343.768	-0.53	Male reproductive organs	2R:-:11960759-11960724	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_15745	SGVIVPLK	AGAP001899-PA	-	34	0.000699011	2	812.526	2.37	Pupa	2R:-:11958075-11958052	exon=> In CDS Exon 4 of transcript AGAP001899-PA
JHU_Ag_20712	AIATQYLDEVSR	AGAP001899-PA	-	70	1.42E-06	2	1365.706	3.44	Pupa	2R:-:11957475-11957440	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_24891	GLNLIEILTSK	AGAP001899-PA	-	76	8.67E-08	2	1200.725	4.09	Larva	2R:-:11961650-11961618	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_25167	RKPPGIPVLESYQFVSHLPAPTLSK	AGAP001899-PA	-	35	0.000451797	1	2761.551	4.02	Malpighian tubule	2R:-:11959877-11959803	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_27676	HLDAEYVALLHNVQSESIPGNVFR	AGAP001899-PA	-	108	1.99E-10	1	2708.383	1.51	Larva	2R:-:11961926-11961855	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_30743	DGIFENQSVDR	AGAP001899-PA	-	45	0.000417421	2	1279.593	0.93	Pupa	2R:-:11957532-11957500	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_32298	HLQLVQK	AGAP001899-PA	-	32	0.001804399	1	865.524	-1.34	Pupa	2R:-:11959055-11959035	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_33900	LSSDFANLSR	AGAP001899-PA	-	70	1.40E-06	2	1109.558	-0.3	Pupa	2R:-:11958860-11958831	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_35149	LSSDFANLSR	AGAP001899-PA	-	51	0.000115998	2	1109.559	0.14	Male reproductive organs	2R:-:11958860-11958831	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_36039	GQILLIDGAPK	AGAP001899-PA	-	60	2.30E-06	2	1124.669	1.15	Pupa	2R:-:11956464-11956432	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_36561	KFMAVPTIVR	AGAP001899-PA	M3(Oxidation)	30	0.005377373	1	1177.681	3.69	Larva	2R:-:11959364-11959335	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_36789	GLNLIEILTSK	AGAP001899-PA	-	70	3.74E-07	2	1200.723	2.77	Visceras	2R:-:11961650-11961618	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_39115	VNHGLPTDNLPR	AGAP001899-PA	-	42	0.001047418	2	1332.701	-0.53	Pupa	2R:-:11962028-11961993	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_39716	YIAEMGPR	AGAP001899-PA	M5(Oxidation)	42	0.000740201	2	952.458	2.45	Larva	2R:-:11961188-11961165	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_42644	IKLNDEDYSYIAGHVIDGR	AGAP001899-PA	-	50	0.000146643	3	2178.092	4.33	Larva	2R:-:11960582-11960526	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_45946	AIATQYLDEVSR	AGAP001899-PA	-	73	6.41E-07	2	1365.708	5.31	Larva	2R:-:11957475-11957440	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_50520	DVMFATGK	AGAP001899-PA	M3(Oxidation)	34	0.00371869	2	884.420	2.25	Larva	2R:-:11958884-11958861	exon=> In CDS Exon 3 of transcript AGAP001899-PA

JHU_Ag_51769	LNEVIPEPQKR	AGAP001899-PA	-	34	0.002400452	1	1322.742	-0.58	Pupa	2R:-:11961152-11961120	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_52117	KDFLLQTFPQLK	AGAP001899-PA	-	37	0.000778446	1	1477.844	1.63	Pupa	2R:-:11958494-11958459	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_52988	YEWIGTLK	AGAP001899-PA	-	41	0.000838016	2	1009.537	1.38	Larva	2R:-:11959313-11959290	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_56963	ILVEHAYEAAIDAGVNPK	AGAP001899-PA	-	40	0.000955665	3	1910.011	4.59	Malpighian tubule	2R:-:11963021-11962968	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_61393	EYELFLTPQDLR	AGAP001899-PA	-	71	1.23E-06	2	1523.778	2.81	Pupa	2R:-:11956962-11956927	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_63124	VVYSSLNFR	AGAP001899-PA	-	62	4.90E-06	1	1084.582	3.32	Larva	2R:-:11958911-11958885	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_63236	GDLSSMTWLSGPFNHGRPK	AGAP001899-PA	M6(Oxidation)	54	6.34E-05	1	2103.018	5.02	Larva	2R:-:11958983-11958927	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_68484	LGLAINVYR	AGAP001899-PA	-	51	3.15E-05	2	1018.607	2.14	Pupa	2R:-:11959106-11959080	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_69826	GYHYSGAFR	AGAP001899-PA	-	32	0.003497481	1	1057.486	0.55	Pupa	2R:-:11960198-11960172	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_72865	RKPPGIPVLESYQFVSHLPAPTLSK	AGAP001899-PA	-	39	0.000199085	1	2761.540	-0.13	Pupa	2R:-:11959877-11959803	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_73732	ISSGGFGITGCSR	AGAP001899-PA	C11(Carbamidomethyl)	47	0.000245797	2	1298.618	1.37	Male reproductive organs	2R:-:11962889-11962851	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_75860	RPLVWVFSGMGSQWSEMGTSLMEIPVFR	AGAP001899-PA	M10(Oxidation), M17(Oxidation), M22(Oxidation)	117	2.54E-11	1	3275.582	4.07	Larva	2R:-:11961773-11961690	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_82731	DFLLQTFPQLK	AGAP001899-PA	-	32	0.002979862	2	1349.754	5.85	Larva	2R:-:11958491-11958459	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_88632	AIATQYLDEVSR	AGAP001899-PA	-	43	0.000657795	2	1365.710	6.74	Malpighian tubule	2R:-:11957475-11957440	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_90616	HLDAEYVALLHNVQSESIPGNVFR	AGAP001899-PA	-	100	1.09E-09	1	2708.389	3.6	Pupa	2R:-:11961926-11961855	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_92258	RKPPGIPVLESYQFVSHLPAPTLSK	AGAP001899-PA	-	49	1.47E-05	1	2761.554	4.91	Larva	2R:-:11959877-11959803	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_93165	DFLLQTFPQLK	AGAP001899-PA	-	72	4.14E-07	2	1349.749	2.14	Pupa	2R:-:11958491-11958459	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_94226	LYINGLDIPVAR	AGAP001899-PA	N4(Deamidated)	60	8.04E-06	2	1344.755	2.18	Pupa	2R:-:11960759-11960724	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_95637	VVYSSLNFR	AGAP001899-PA	-	58	1.30E-05	2	1084.577	-1.07	Pupa	2R:-:11958911-11958885	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_95887	VCVQLALENIPVPK	AGAP001899-PA	C2(Carbamidomethyl)	68	6.07E-07	1	1579.890	1.41	Larva	2R:-:11959787-11959746	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_97166	RVYANVVYSK	AGAP001899-PA	-	34	0.003125835	1	1198.662	3.34	Larva	2R:-:11962541-11962512	exon=> In CDS Exon 2 of transcript AGAP001899-PA
JHU_Ag_99857	NLGDEFNSQHTILR	AGAP001899-PA	-	73	7.69E-07	1	1643.821	4.66	Malpighian tubule	2R:-:11956806-11956765	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_101375	LGLAINVYR	AGAP001899-PA	-	59	4.52E-06	1	1018.609	4.96	Larva	2R:-:11959106-11959080	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_104421	TNGQGVDYVLNSLADDKLQASVR	AGAP001899-PA	-	66	3.51E-06	1	2463.262	5.81	Malpighian tubule	2R:-:11958401-11958333	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_107951	HLQLVQK	AGAP001899-PA	-	42	0.000120514	1	865.528	2.39	Larva	2R:-:11959055-11959035	exon=> In CDS Exon 3 of transcript AGAP001899-PA
JHU_Ag_108816	LGPVGGIFNLAVQLR	AGAP001899-PA	-	97	4.13E-10	1	1553.920	2.2	Pupa	2R:-:11957577-11957533	exon=> In CDS Exon 5 of transcript AGAP001899-PA
JHU_Ag_116442	LSSDFANLSR	AGAP001899-PA	-	61	1.14E-05	2	1109.562	3.33	Larva	2R:-:11958860-11958831	exon=> In CDS Exon 3 of transcript AGAP001899-PA

JHU_Ag_28589	QNESVTDVFSLLIAQIER	AGAP001902-PA	-	113	4.92E-11	1	2062.082	0.35	Ovary	2R:-:11973243-11973364,11973070-11973115	exon=> In CDS Exon 5 and 4 of transcript AGAP001902-PA
JHU_Ag_32587	AYVPVVLVGNKTDLHQER	AGAP001902-PA	-	61	4.90E-06	1	2038.112	1.91	Malpighian tubule	2R:-:11973436-11973639,11973235-11973316	exon=> In CDS Exon 4 and 3 of transcript AGAP001902-PA
JHU_Ag_66252	AYVPVVLVGNK	AGAP001902-PA	-	57	9.67E-06	2	1158.688	-0.01	Ovary	2R:-:11973436-11973639,11973235-11973337	exon=> In CDS Exon 4 and 3 of transcript AGAP001902-PA
JHU_Ag_87	ITALTERIQEAGTEVVK	AGAP001903-PA	-	32	0.003718722	1	1858.033	2.44	Malpighian tubule	2R:+:11977048-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_449	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	246	1.63E-24	1	3334.727	3.22	Malpighian tubule	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_459	IQEAGTEVVKAK	AGAP001903-PA	-	93	5.38E-09	1	1272.717	0.68	Head	2R:+:11977069-11977104	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_1146	AGVLDPR	AGAP001903-PA	-	49	4.84E-05	2	727.410	-0.15	Salivary gland	2R:+:11976853-11976873	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_1727	KPGMTRDDLFNTNASIVR	AGAP001903-PA	M4(Oxidation)	113	9.15E-11	1	2051.036	1.23	Malpighian tubule	2R:+:11976694-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_1772	AGVLDPR	AGAP001903-PA	-	33	0.002380903	2	727.409	-0.57	Head	2R:+:11976853-11976873	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_2270	AMNGEQNVIECAYVR	AGAP001903-PA	M2(Oxidation), C11(Carbamidomethyl),"M2(Oxidation), N3(Deamidated), C11(Carbamidomethyl)","N3(Deamidated), C11(Carbamidomethyl)",C11(Carbamidomethyl)	129	1.45E-12	1	1769.797	1.38	Malpighian tubule	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_2722	VFGVSTLDIVR	AGAP001903-PA	-	97	1.33E-09	2	1205.690	1.1	Pupa	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_3276	VTGYNGPENLEK	AGAP001903-PA	N5(Deamidated)	76	4.72E-07	1	1320.644	0.96	Ovary	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_5687	ANTFVGEAAGVDPQK	AGAP001903-PA	-	128	2.94E-12	1	1503.745	0.85	Visceras	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_6348	SDVTESKYFATPLLLGK	AGAP001903-PA	-	112	4.44E-11	1	1869.001	0.49	Head	2R:+:11977219-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_7223	VTGYNGPENLEK	AGAP001903-PA	N5(Deamidated)	77	3.61E-07	1	1320.643	0.03	Male reproductive organs	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_8133	NLGLPK	AGAP001903-PA	-	42	0.000249054	1	641.401	4.39	Visceras	2R:+:11977285-11977302	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_8166	IQEAGTEVVK	AGAP001903-PA	-	67	4.13E-06	1	1073.583	-1.01	Head	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_8555	AMNGEQNVIECAYVR	AGAP001903-PA	M2(Oxidation), C11(Carbamidomethyl)	122	6.85E-12	2	1769.798	2	Male reproductive organs	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_8594	AGVLDPR	AGAP001903-PA	-	45	0.000129437	2	727.410	-0.23	Midgut	2R:+:11976853-11976873	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_10064	NLGLPK	AGAP001903-PA	-	32	0.00093612	1	641.398	0.3	Male reproductive organs	2R:+:11977285-11977302	exon=> In CDS Exon 2 of transcript AGAP001903-PA

JHU_Ag_10157	AMNGEQNVIECAYVR	AGAP001903-PA	Q6(Deamidated), C11(Carbamidomethyl),"M2(Oxidation), N3(Deamidated), C11(Carbamidomethyl)","M2(Oxidation), Q6(Deamidated), C11(Carbamidomethyl)","M2(Oxidation), C11(Carbamidomethyl)","N3(Deamidated), C11(Carbamidomethyl)"	140	6.86E-14	1	1770.777	-1.18	Midgut	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_11357	AGVLDPR	AGAP001903-PA	-	55	1.99E-05	2	727.412	2.96	Male reproductive organs	2R:+:11976853-11976873	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_12969	YFATPLLLGK	AGAP001903-PA	-	40	0.000344637	1	1122.656	0.01	Male reproductive organs	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_13326	NIQKGEEFVK	AGAP001903-PA	-	78	2.51E-07	1	1191.638	1.35	Malpighian tubule	2R:+:11977357-11977386	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_13959	DDLFNTNASIVR	AGAP001903-PA	-	86	4.53E-08	2	1364.682	1.03	Salivary gland	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_14479	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	C18(Carbamidomethyl)	99	8.02E-10	2	2424.319	1.07	Midgut	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_16177	AGVLDPR	AGAP001903-PA	-	49	7.23E-05	2	727.411	1.95	Malpighian tubule	2R:+:11976853-11976873	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_16379	VTGYNGPENLEK	AGAP001903-PA	N5(Deamidated)	77	3.36E-07	1	1320.641	-1.54	Head	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_16924	AGVLDPR	AGAP001903-PA	-	54	1.59E-05	2	727.410	0.19	Ovary	2R:+:11976853-11976873	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_18195	VTGYNGPENLEK	AGAP001903-PA	N5(Deamidated)	81	1.42E-07	1	1320.643	-0.15	Midgut	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_18447	GADIVIIPAGVPR	AGAP001903-PA	-	75	5.97E-08	1	1277.758	0.43	Head	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_19052	LNAYEQELLKK	AGAP001903-PA	-	65	2.68E-06	1	1348.748	0.8	Salivary gland	2R:+:11977303-11977335	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_20259	NLGLPK	AGAP001903-PA	-	43	7.12E-05	1	641.397	-2.27	Head	2R:+:11977285-11977302	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_21075	VTGYNGPENLEK	AGAP001903-PA	N5(Deamidated)	95	4.94E-09	1	1320.644	0.49	Visceras	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_21583	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	228	1.05E-22	1	3334.725	2.45	Visceras	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_21689	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	133	2.08E-13	1	1840.031	-2.72	Midgut	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_22627	IQEAGTEVVK	AGAP001903-PA	-	41	0.001525853	1	1073.597	12.41	Salivary gland	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_23155	DDLFNTNASIVR	AGAP001903-PA	-	97	3.30E-09	1	1364.682	1.12	Ovary	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_23615	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	155	1.72E-15	1	3334.742	7.72	Midgut	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_23992	LNAYEQELLKK	AGAP001903-PA	-	88	1.45E-08	1	1348.747	-0.2	Head	2R:+:11977303-11977335	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_24486	VFGVSTLDIVR	AGAP001903-PA	-	80	4.78E-08	2	1205.693	3.42	Malpighian tubule	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_24507	YFATPLLLGK	AGAP001903-PA	-	52	1.94E-05	1	1122.657	0.99	Visceras	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA

JHU_Ag_25422	VFGVSTLDIVR	AGAP001903-PA	-	75	1.90E-07	1	1205.691	1.91	Salivary gland	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_25767	RVFGVSTLDIVR	AGAP001903-PA	-	57	5.46E-06	1	1361.793	1.96	Visceras	2R:+:11976874-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_25889	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	127	7.25E-13	1	1840.044	4.24	Malpighian tubule	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_25957	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	158	5.69E-16	1	3202.744	4.5	Malpighian tubule	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_26582	IQEAGTEVVK	AGAP001903-PA	-	38	0.002913148	2	1073.583	-0.67	Midgut	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_27405	SDVTESKYFATPLLLGK	AGAP001903-PA	-	112	4.30E-11	1	1869.008	3.88	Malpighian tubule	2R:+:11977219-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_27421	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	C18(Carbamidomethyl)	145	1.64E-14	1	2424.322	2.08	Malpighian tubule	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_27471	NIQKGEEFVK	AGAP001903-PA	-	73	7.60E-07	1	1191.639	1.96	Male reproductive organs	2R:+:11977357-11977386	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_28468	AKAGAGSATLSMAYAGAR	AGAP001903-PA	M12(Oxidation)	73	8.06E-07	2	1669.836	2.24	Malpighian tubule	2R:+:11977099-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_29382	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDKITALTER	AGAP001903-PA	M1(Oxidation)	142	1.32E-14	1	4003.168	-0.09	Pupa	2R:+:11976955-11977068	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_30568	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	116	7.95E-12	1	3218.738	4.29	Larva	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_31542	LNAYEQELLK	AGAP001903-PA	-	78	1.65E-07	1	1220.653	0.78	Visceras	2R:+:11977303-11977332	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_32805	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	128	5.41E-13	1	3202.732	0.75	Head	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_32875	ANTFVGEAAGVDPQK	AGAP001903-PA	-	128	2.91E-12	1	1503.749	3.53	Larva	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_33230	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	228	1.06E-22	1	3334.721	1.35	Pupa	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_33548	RVFGVSTLDIVR	AGAP001903-PA	-	75	9.51E-08	1	1361.795	3.44	Salivary gland	2R:+:11976874-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_34104	LNAYEQELLKK	AGAP001903-PA	-	74	3.19E-07	1	1348.747	0.16	Malpighian tubule	2R:+:11977303-11977335	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_35138	AMNGEQNVIECAYVR	AGAP001903-PA	M2(Oxidation), C11(Carbamidomethyl)	114	4.22E-11	2	1769.800	2.89	Ovary	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_36653	FALALAR	AGAP001903-PA	-	35	0.001334919	2	761.469	2.76	Larva	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_37669	FALALAR	AGAP001903-PA	-	53	2.42E-05	2	761.466	-1.17	Head	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_37931	KPGMTRDDLFNTNASIVR	AGAP001903-PA	M4(Oxidation)	89	2.33E-08	1	2051.030	-2.08	Pupa	2R:+:11976694-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_38185	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	C18(Carbamidomethyl)	113	2.80E-11	1	2424.315	-0.64	Head	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_38805	FALALAR	AGAP001903-PA	-	49	5.17E-05	1	761.468	0.91	Ovary	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_39463	ANTFVGEAAGVDPQK	AGAP001903-PA	Q14(Deamidated)	130	1.79E-12	1	1503.744	-0.04	Head	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_39542	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDKITALTER	AGAP001903-PA	M1(Oxidation)	156	3.20E-16	1	3987.187	3.23	Head	2R:+:11976955-11977068	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_40123	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	107	2.76E-10	1	1470.699	-1.18	Ovary	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_40752	NLGLPK	AGAP001903-PA	-	41	0.000112029	1	641.398	0.02	Midgut	2R:+:11977285-11977302	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_41577	LNAYEQELLKK	AGAP001903-PA	-	75	3.12E-07	1	1348.748	0.98	Pupa	2R:+:11977303-11977335	exon=> In CDS Exon 2 of transcript AGAP001903-PA

JHU_Ag_42783	LNAYEQELLKK	AGAP001903-PA	-	59	9.87E-06	1	1348.752	3.24	Male reproductive organs	2R:+:11977303-11977335	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_42859	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	145	1.17E-14	1	1840.038	0.99	Ovary	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_44231	AMNGEQNVIECAYVR	AGAP001903-PA	M2(Oxidation), N3(Deamidated), C11(Carbamidomethyl),C11(Carbamidomethyl),"N3(Deamidated), C11(Carbamidomethyl)","M2(Oxidation), C11(Carbamidomethyl)"	140	9.42E-14	1	1770.783	2.2	Visceras	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_44666	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	125	3.69E-12	1	1470.701	0.56	Salivary gland	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_44859	DDLFNTNASIVR	AGAP001903-PA	-	89	2.17E-08	1	1364.685	3.26	Malpighian tubule	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_46823	DDLFNTNASIVR	AGAP001903-PA	N5(Deamidated),N7(Deamidated)	93	8.43E-09	1	1364.683	1.65	Pupa	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_47741	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	111	1.23E-10	1	1454.708	1.44	Malpighian tubule	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_48001	GADIVIIPAGVPR	AGAP001903-PA	-	50	1.93E-05	1	1277.762	3.35	Larva	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_48297	LNAYEQELLKK	AGAP001903-PA	-	75	3.09E-07	1	1348.748	0.34	Midgut	2R:+:11977303-11977335	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_48342	AMNGEQNVIECAYVR	AGAP001903-PA	M2(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	140	1.34E-13	1	1753.799	-0.54	Head	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_48355	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	120	3.64E-12	1	1840.041	2.85	Pupa	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_48705	VTGYNGPENLEK	AGAP001903-PA	N5(Deamidated)	82	8.60E-08	1	1321.626	-0.53	Pupa	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_49096	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	119	1.52E-11	1	1470.700	-0.43	Midgut	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_49483	GADIVIIPAGVPR	AGAP001903-PA	-	75	5.45E-08	1	1277.759	1.19	Male reproductive organs	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_51668	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	222	4.76E-22	1	3334.716	-0.07	Head	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_52099	NIQKGEEFVK	AGAP001903-PA	-	65	4.40E-06	1	1191.637	0.22	Visceras	2R:+:11977357-11977386	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_52541	AMNGEQNVIECAYVR	AGAP001903-PA	M2(Oxidation), C11(Carbamidomethyl),"M2(Oxidation), N3(Deamidated), C11(Carbamidomethyl)"	114	3.67E-11	2	1770.783	2.27	Salivary gland	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_54011	ITALTER	AGAP001903-PA	-	36	0.004043211	2	803.461	-1.11	Head	2R:+:11977048-11977068	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_54518	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	122	2.30E-12	1	3218.731	2.17	Salivary gland	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_54681	RVFGVSTLDIVR	AGAP001903-PA	-	42	0.000209433	1	1361.791	0.85	Midgut	2R:+:11976874-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_55386	DDLFNTNASIVRDLAAGCAK	AGAP001903-PA	C18(Carbamidomethyl)	79	2.17E-07	1	2151.060	4.75	Malpighian tubule	2R:+:11976712-11976771	exon=> In CDS Exon 2 of transcript AGAP001903-PA

JHU_Ag_57722	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	125	4.77E-12	1	1454.707	0.6	Visceras	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_59621	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	112	2.56E-11	1	3202.724	-1.67	Midgut	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_60585	YFATPLLLGKNGLEK	AGAP001903-PA	N11(Deamidated)	82	2.63E-08	1	1664.931	2.92	Visceras	2R:+:11977240-11977284	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_62304	FALALAR	AGAP001903-PA	-	53	2.79E-05	2	761.467	-0.05	Visceras	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_63393	DDLFNTNASIVR	AGAP001903-PA	-	95	5.70E-09	1	1364.681	0.67	Male reproductive organs	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_63441	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	C18(Carbamidomethyl)	81	4.15E-08	1	2424.320	1.34	Salivary gland	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_64000	IQEAGTEVVK	AGAP001903-PA	-	59	2.31E-05	1	1073.588	4.34	Larva	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_64193	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	152	4.70E-15	1	3334.717	0.16	Salivary gland	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_64730	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	110	4.22E-11	1	3218.724	-0.03	Ovary	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_65450	IQEAGTEVVK	AGAP001903-PA	-	44	0.000789891	2	1073.581	-2.26	Male reproductive organs	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_65801	DDLFNTNASIVR	AGAP001903-PA	N7(Deamidated)	108	3.34E-10	1	1364.679	-1.03	Head	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_65891	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	C18(Carbamidomethyl)	77	1.09E-07	1	2424.325	3.23	Pupa	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_66055	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	134	1.37E-13	1	1840.043	3.71	Head	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_66132	YFATPLLLGK	AGAP001903-PA	-	49	4.21E-05	1	1122.658	1.96	Malpighian tubule	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_66592	ANTFVGEAAGVDPQK	AGAP001903-PA	-	122	1.11E-11	1	1503.739	-3.45	Salivary gland	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_67684	LNAYEQELLK	AGAP001903-PA	-	44	0.000409335	2	1220.654	1.88	Pupa	2R:+:11977303-11977332	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_68383	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	135	1.26E-13	1	1840.039	1.79	Salivary gland	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_69402	DDLFNTNASIVR	AGAP001903-PA	-	104	6.04E-10	1	1364.684	2.46	Visceras	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_70048	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	206	1.73E-20	1	3334.730	3.99	Larva	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_71682	LNAYEQELLK	AGAP001903-PA	-	68	2.10E-06	1	1220.652	-0.12	Ovary	2R:+:11977303-11977332	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_72456	ALKGADIVIIPAGVPR	AGAP001903-PA	-	88	5.09E-10	1	1589.976	1.66	Pupa	2R:+:11976646-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_72795	ANTFVGEAAGVDPQK	AGAP001903-PA	-	124	7.22E-12	1	1503.746	1.26	Pupa	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_73179	ANTFVGEAAGVDPQK	AGAP001903-PA	-	121	1.53E-11	1	1503.744	0.29	Malpighian tubule	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_73814	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	N11(Deamidated), C18(Carbamidomethyl),C18(Carbamidomethyl)	101	4.50E-10	1	2424.319	1.07	Male reproductive organs	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_73906	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	114	4.88E-11	1	1470.700	-0.27	Pupa	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_74318	GADIVIIPAGVPR	AGAP001903-PA	-	79	2.45E-08	1	1277.762	3.48	Malpighian tubule	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_75553	DDLFNTNASIVR	AGAP001903-PA	N7(Deamidated)	86	4.44E-08	2	1364.679	-1.21	Midgut	2R:+:11976712-11976747	exon=> In CDS Exon 2 of transcript AGAP001903-PA

JHU_Ag_76836	YFATPLLLGK	AGAP001903-PA	-	47	6.13E-05	1	1122.656	0.22	Head	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_77401	NIQKGEEFVK	AGAP001903-PA	-	52	8.93E-05	1	1191.637	-0.09	Salivary gland	2R:+:11977357-11977386	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_79500	LNAYEQELLK	AGAP001903-PA	-	45	0.000391488	2	1220.652	-0.22	Midgut	2R:+:11977303-11977332	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_79954	IQEAGTEVVK	AGAP001903-PA	-	63	1.08E-05	1	1073.584	0.24	Visceras	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_81650	YFATPLLLGK	AGAP001903-PA	-	49	5.20E-05	2	1122.654	-1.95	Midgut	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_83666	ALKGADIVIIPAGVPR	AGAP001903-PA	-	100	3.09E-11	1	1589.979	3.28	Malpighian tubule	2R:+:11976646-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_83938	LNAYEQELLKK	AGAP001903-PA	-	75	3.03E-07	1	1348.749	1.43	Visceras	2R:+:11977303-11977335	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_84621	VTGYNGPENLEK	AGAP001903-PA	N5(Deamidated)	86	3.53E-08	1	1321.629	1.41	Malpighian tubule	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_84752	AIPELK	AGAP001903-PA	-	25	0.006842571	1	670.414	0.47	Head	2R:+:11977336-11977353	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_84866	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	130	3.69E-13	1	1840.044	4.38	Male reproductive organs	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_84911	LNAYEQELLK	AGAP001903-PA	-	50	0.000121844	2	1220.655	2.38	Male reproductive organs	2R:+:11977303-11977332	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_85246	LNAYEQELLK	AGAP001903-PA	-	68	2.04E-06	1	1220.651	-1.22	Head	2R:+:11977303-11977332	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_88457	ANTFVGEAAGVDPQK	AGAP001903-PA	-	121	1.38E-11	1	1503.740	-2.56	Ovary	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_88700	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	124	5.13E-12	1	1470.705	3.14	Larva	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_89725	IQEAGTEVVKAK	AGAP001903-PA	-	39	0.001430428	1	1272.719	2.31	Pupa	2R:+:11977069-11977104	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_90206	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	C18(Carbamidomethyl)	118	8.94E-12	1	2424.318	0.37	Ovary	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_90397	NLGLPK	AGAP001903-PA	-	33	0.000766182	1	641.398	0.02	Pupa	2R:+:11977285-11977302	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_90597	SDVTESKYFATPLLLGK	AGAP001903-PA	-	93	3.84E-09	1	1869.007	3.75	Pupa	2R:+:11977219-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_90691	ITALTER	AGAP001903-PA	-	39	0.001609411	2	803.464	2.01	Visceras	2R:+:11977048-11977068	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_92664	VTGYNGPENLEK	AGAP001903-PA	-	75	6.26E-07	1	1320.641	-1.63	Salivary gland	2R:+:11976610-11976645	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_93811	ANTFVGEAAGVDPQK	AGAP001903-PA	-	122	9.88E-12	1	1503.745	0.77	Male reproductive organs	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_94536	RVFGVSTLDIVR	AGAP001903-PA	-	62	2.10E-06	2	1361.791	0.76	Head	2R:+:11976874-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_95216	NIQKGEEFVK	AGAP001903-PA	-	45	0.000483868	1	1191.636	-0.44	Head	2R:+:11977357-11977386	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_96468	FALALAR	AGAP001903-PA	-	55	1.33E-05	2	761.467	-0.37	Male reproductive organs	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_96660	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	115	4.49E-11	1	1470.701	0.06	Male reproductive organs	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_96664	YFATPLLLGK	AGAP001903-PA	-	59	4.29E-06	1	1122.657	1.31	Salivary gland	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_97211	NIQKGEEFVK	AGAP001903-PA	-	69	1.95E-06	1	1191.637	-0.19	Pupa	2R:+:11977357-11977386	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_97626	ANTFVGEAAGVDPQK	AGAP001903-PA	-	111	1.31E-10	2	1503.748	2.56	Midgut	2R:+:11976910-11976954	exon=> In CDS Exon 2 of transcript AGAP001903-PA

JHU_Ag_98435	IQEAGTEVVK	AGAP001903-PA	-	73	1.07E-06	1	1073.586	1.61	Pupa	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_98671	AGAGSATLSMAYAGAR	AGAP001903-PA	M10(Oxidation)	125	3.80E-12	1	1470.700	-0.27	Head	2R:+:11977105-11977152	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_99112	FALALAR	AGAP001903-PA	-	53	2.00E-05	2	761.468	1.88	Salivary gland	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_99480	YFATPLLLGKNGLEK	AGAP001903-PA	N11(Deamidated)	78	7.19E-08	1	1664.929	1.96	Pupa	2R:+:11977240-11977284	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_101057	VFGVSTLDIVR	AGAP001903-PA	-	84	2.20E-08	2	1205.690	1.1	Head	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_101478	RVFGVSTLDIVR	AGAP001903-PA	-	62	2.32E-06	1	1361.790	-0.23	Malpighian tubule	2R:+:11976874-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_102155	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	152	2.71E-15	1	3218.726	0.64	Visceras	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_102424	VFGVSTLDIVR	AGAP001903-PA	-	80	6.51E-08	2	1205.687	-1.23	Midgut	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_103627	ALIGIISNPVNSTVPIACDTLQK	AGAP001903-PA	N8(Deamidated), C18(Carbamidomethyl),"N 11(Deamidated), C18(Carbamidomethyl)",C 18(Carbamidomethyl)	114	1.81E-11	1	2424.328	4.67	Visceras	2R:+:11976784-11976852	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_104903	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	125	1.41E-12	1	3218.721	-0.95	Male reproductive organs	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_105133	GADIVIIPAGVPR	AGAP001903-PA	-	93	8.10E-10	1	1277.760	2.05	Visceras	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_105465	DLAAGCAK	AGAP001903-PA	C6(Carbamidomethyl)	59	2.45E-05	1	805.389	2.44	Head	2R:+:11976748-11976771	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_106230	GADIVIIPAGVPR	AGAP001903-PA	-	75	5.67E-08	1	1277.759	1.19	Ovary	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_106526	AMNGEQNVIECAYVR	AGAP001903-PA	M2(Oxidation), N3(Deamidated), C11(Carbamidomethyl)," M2(Oxidation), C11(Carbamidomethyl)"	100	8.89E-10	1	1770.789	5.85	Pupa	2R:+:11977174-11977218	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_107571	YFATPLLLGK	AGAP001903-PA	-	52	1.88E-05	1	1122.655	-0.32	Ovary	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_108354	IQEAGTEVVK	AGAP001903-PA	-	60	2.16E-05	1	1073.585	1.27	Malpighian tubule	2R:+:11977069-11977098	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_109699	AGVLDPR	AGAP001903-PA	-	56	9.91E-06	2	727.410	0.19	Visceras	2R:+:11976853-11976873	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_110044	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDKITALTER	AGAP001903-PA	M1(Oxidation)	151	8.36E-16	1	3987.195	5.44	Malpighian tubule	2R:+:11976955-11977068	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_110133	YFATPLLLGK	AGAP001903-PA	-	52	2.02E-05	1	1122.658	2.29	Pupa	2R:+:11977240-11977269	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_110272	VFGVSTLDIVR	AGAP001903-PA	-	74	2.54E-07	1	1205.690	0.69	Male reproductive organs	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_110493	GADIVIIPAGVPR	AGAP001903-PA	-	74	7.56E-08	2	1277.758	0.04	Midgut	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_110840	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl)	55	9.38E-06	2	1840.047	5.9	Larva	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_111249	VFGVSTLDIVR	AGAP001903-PA	-	81	5.17E-08	1	1205.689	0.08	Ovary	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_111498	GADIVIIPAGVPR	AGAP001903-PA	-	74	8.12E-08	2	1277.757	-0.72	Salivary gland	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA

JHU_Ag_111649	RVFGVSTLDIVR	AGAP001903-PA	-	61	2.36E-06	1	1361.792	1.39	Pupa	2R:+:11976874-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_112184	VFGVSTLDIVR	AGAP001903-PA	-	79	7.57E-08	1	1205.694	3.93	Visceras	2R:+:11976877-11976909	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_112661	FALALAR	AGAP001903-PA	-	53	2.72E-05	2	761.467	0.03	Midgut	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_112845	FALALAR	AGAP001903-PA	-	55	1.37E-05	2	761.467	0.35	Malpighian tubule	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_114111	VAVCGASGGIGQPLSLLLK	AGAP001903-PA	C4(Carbamidomethyl), Q12(Deamidated),C4(Carbamidomethyl)	141	2.89E-14	1	1840.044	3.98	Visceras	2R:+:11976460-11976516	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_114614	NIQKGEEFVK	AGAP001903-PA	-	43	0.000674103	1	1191.635	-1.52	Midgut	2R:+:11977357-11977386	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_114747	FALALAR	AGAP001903-PA	-	54	1.76E-05	1	761.467	0.51	Pupa	2R:+:11977153-11977173	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_115123	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDKITALTER	AGAP001903-PA	-	105	3.64E-11	1	3987.184	2.5	Visceras	2R:+:11976955-11977068	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_116478	GADIVIIPAGVPR	AGAP001903-PA	-	79	2.22E-08	1	1277.760	1.57	Pupa	2R:+:11976655-11976693	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_117074	NSPLVTELSLYDIVHTPGVAADLSHIETQSK	AGAP001903-PA	-	251	5.73E-25	1	3334.715	-0.51	Ovary	2R:+:11976517-11976609	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_117720	MSVPVIGGHSGVTIIPVLSQTKPGVNFPQDK	AGAP001903-PA	M1(Oxidation)	155	1.22E-15	1	3202.734	1.42	Pupa	2R:+:11976955-11977047	exon=> In CDS Exon 2 of transcript AGAP001903-PA
JHU_Ag_52473	HAEIYPKEEELQTIQR	AGAP001905-PA	-	79	1.83E-07	1	1984.023	4.78	Malpighian tubule	2R:+:11982199-11982246	exon=> In CDS Exon 3 of transcript AGAP001905-PA
JHU_Ag_66911	TYYQQAAGATAGYSTPTGYDAGGTAPK	AGAP001905-PA	-	56	3.17E-05	2	2668.225	3.43	Head	2R:+:11980774-11980854	exon=> In CDS Exon 3 of transcript AGAP001905-PA
JHU_Ag_85463	VIAGFQPGQATAYAPQPAR	AGAP001905-PA	-	99	1.39E-09	1	1943.013	-0.12	Head	2R:+:11980855-11980911	exon=> In CDS Exon 3 of transcript AGAP001905-PA
JHU_Ag_86301	EANAPSAEQAAQNTEDLLPREPCLQALAALR	AGAP001905-PA	C23(Carbamidomethyl)	66	3.04E-06	1	3347.656	-2.66	Ovary	2R:+:11982874-11982877,11985612-11985700	exon=> In CDS Exon 4 and 5 of transcript AGAP001905-PA
JHU_Ag_13202	FNVHQR	AGAP001907-PA	Q5(Deamidated)	37	0.001343977	2	801.396	-5.54	Midgut	2R:+:11995104-11995121	exon=> In CDS Exon 1 of transcript AGAP001907-PA
JHU_Ag_42945	TPYQQQQQRHR	AGAP001907-PA	Q5(Deamidated), Q6(Deamidated), Q7(Deamidated), Q8(Deamidated)	49	0.000147357	1	1473.692	13.47	Midgut	2R:+:11996487-11996519	exon=> In CDS Exon 1 of transcript AGAP001907-PA
JHU_Ag_298	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	107	3.90E-10	1	1288.668	0.02	Midgut	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_1353	FVANGMFHAELNEFLTR	AGAP001910-PA	N4(Deamidated)	75	5.33E-07	1	1996.965	3.12	Malpighian tubule	2R:-:12010510-12010460	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_1865	IRELTAVVR	AGAP001910-PA	-	50	4.58E-05	1	1056.655	2.26	Larva	2R:-:12010345-12010319	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_1928	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	94	6.10E-09	1	1288.670	1.35	Malpighian tubule	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_2749	IMLPWDPNGK	AGAP001910-PA	M2(Oxidation)	49	0.000150804	1	1186.593	0.31	Ovary	2R:-:12009891-12009862	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_3865	FGFAPGSVELYAEK	AGAP001910-PA	-	65	3.78E-06	2	1514.757	3.04	Ovary	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_5111	FGFAPGSVELYAEK	AGAP001910-PA	-	91	1.08E-08	1	1514.759	4.01	Larva	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_5129	KPLPDNVSVVEPKDEIMYSSPR	AGAP001910-PA	M17(Oxidation)	160	1.42E-15	1	2516.279	3.59	Malpighian tubule	2R:-:12009849-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_6114	LIGGLAVR	AGAP001910-PA	-	58	3.84E-06	2	798.520	-0.09	Midgut	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA

JHU_Ag_6797	LIGGLAVR	AGAP001910-PA	-	52	1.50E-05	1	798.520	0.37	Malpighian tubule	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_7148	KPLPDNVSVVEPK	AGAP001910-PA	-	75	1.53E-07	2	1421.804	2.95	Larva	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_7791	TQNVLGEK	AGAP001910-PA	-	49	0.000305363	1	888.477	-1.49	Midgut	2R:-:12010378-12010355	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_7935	LIGGLAVR	AGAP001910-PA	-	70	1.89E-07	2	798.521	1.67	Male reproductive organs	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_8151	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	112	4.63E-11	1	2513.107	-0.26	Midgut	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_9017	ACYGVLR	AGAP001910-PA	C2(Carbamidomethyl)	41	0.000719661	1	838.425	0.78	Malpighian tubule	2R:-:12010101-12010081	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_9214	IMLPWDPNGK	AGAP001910-PA	M2(Oxidation),"M2(Oxidation), N8(Deamidated)"	49	0.000144479	1	1170.598	0.31	Midgut	2R:-:12009891-12009862	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_9521	YKLIGGLAVR	AGAP001910-PA	-	30	0.001177452	2	1089.678	0.19	Salivary gland	2R:-:12010134-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_11073	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	107	1.75E-10	1	2513.119	4.47	Visceras	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_11971	FGFAPGSVELYAEK	AGAP001910-PA	-	86	3.36E-08	1	1514.759	4.17	Visceras	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_12044	DEIMYSSPR	AGAP001910-PA	M4(Oxidation)	66	2.11E-06	2	1097.495	1.21	Malpighian tubule	2R:-:12009810-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_12519	ELAEDGYSGVEVR	AGAP001910-PA	-	115	5.00E-11	2	1423.673	2.36	Salivary gland	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_13256	FKVPEPLVEAK	AGAP001910-PA	-	50	7.06E-05	1	1256.729	2.82	Malpighian tubule	2R:-:12009771-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_13926	IRELTAVVR	AGAP001910-PA	-	33	0.002246304	1	1056.652	-0.41	Head	2R:-:12010345-12010319	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_15034	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	87	3.79E-08	2	1288.669	0.69	Visceras	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_15879	FKVPEPLVEAK	AGAP001910-PA	-	52	4.66E-05	1	1256.727	1.37	Male reproductive organs	2R:-:12009771-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_16266	FVANGMFHAELNEFLTR	AGAP001910-PA	M6(Oxidation)	35	0.004478074	1	2011.976	3.32	Head	2R:-:12010510-12010460	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_18254	KPLPDNVSVVEPK	AGAP001910-PA	-	87	1.22E-08	1	1421.800	-0.06	Head	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_19020	DEIMYSSPR	AGAP001910-PA	-	55	2.38E-05	2	1097.492	-0.8	Midgut	2R:-:12009810-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_21119	KPLPDNVSVVEPK	AGAP001910-PA	-	97	1.47E-09	1	1421.800	-0.14	Ovary	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_22439	DEIMYSSPR	AGAP001910-PA	-	37	0.001574266	2	1097.495	1.43	Salivary gland	2R:-:12009810-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_23172	QGVLGIK	AGAP001910-PA	-	45	0.000258878	2	714.452	2	Malpighian tubule	2R:-:12009918-12009898	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_23530	TEIIIMATR	AGAP001910-PA	M6(Oxidation)	55	4.25E-05	2	1063.581	-0.99	Ovary	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_25075	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	63	1.03E-05	1	1288.671	2.39	Larva	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_25098	ELAEDGYSGVEVR	AGAP001910-PA	-	114	5.12E-11	2	1423.671	0.9	Ovary	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA

JHU_Ag_26357	RFGFAPGSVELYAEK	AGAP001910-PA	-	53	7.37E-05	1	1670.857	1.85	Pupa	2R:-:12010315-12010510,12009718-12010183	exon=> In CDS Exon 3 and 2 of transcript AGAP001910-PA
JHU_Ag_26975	FGFAPGSVELYAEKVATR	AGAP001910-PA	-	53	5.91E-05	1	1942.014	3.53	Malpighian tubule	2R:-:12010224-12010171	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_28004	FIMESGAK	AGAP001910-PA	M3(Oxidation)	41	0.000707639	1	898.433	-0.99	Midgut	2R:-:12010080-12010057	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_28404	IRELTAVVR	AGAP001910-PA	-	39	0.00054509	1	1056.654	1.09	Pupa	2R:-:12010345-12010319	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_29777	KPLPDNVSVVEPK	AGAP001910-PA	-	52	4.16E-05	2	1421.799	-0.83	Salivary gland	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_31466	LIGGLAVR	AGAP001910-PA	-	34	0.000721393	2	798.518	-1.85	Head	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_32670	FVANGMFHAELNEFLTR	AGAP001910-PA	N4(Deamidated), M6(Oxidation)	36	0.003849178	1	2012.955	0.49	Male reproductive organs	2R:-:12010510-12010460	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_35906	ACYGVLR	AGAP001910-PA	C2(Carbamidomethyl)	47	0.00016462	1	838.422	-2.28	Male reproductive organs	2R:-:12010101-12010081	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_37532	TEIIIMATR	AGAP001910-PA	M6(Oxidation)	53	4.23E-05	2	1047.588	1.6	Salivary gland	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_38572	FKVPEPLVEAK	AGAP001910-PA	-	43	0.000293378	1	1256.731	4.94	Salivary gland	2R:-:12009771-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_39346	ELTAVVR	AGAP001910-PA	-	37	0.004183763	2	787.469	2.17	Larva	2R:-:12010339-12010319	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_39625	IRELTAVVR	AGAP001910-PA	-	50	4.45E-05	1	1056.654	1.05	Malpighian tubule	2R:-:12010345-12010319	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_41124	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	98	2.83E-09	2	1288.669	1.16	Head	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_41193	TEIIIMATR	AGAP001910-PA	M6(Oxidation)	63	6.85E-06	1	1063.583	1.65	Larva	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_41393	KPLPDNVSVVEPK	AGAP001910-PA	-	61	4.70E-06	2	1421.800	0.2	Male reproductive organs	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_41818	FKVPEPLVEAK	AGAP001910-PA	-	34	0.002853013	1	1256.726	0.86	Pupa	2R:-:12009771-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_42497	TEIIIMATR	AGAP001910-PA	M6(Oxidation)	51	0.00010681	2	1063.582	0.04	Male reproductive organs	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_43082	FGFAPGSVELYAEK	AGAP001910-PA	-	87	2.62E-08	1	1514.754	0.71	Male reproductive organs	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_43346	FGFAPGSVELYAEK	AGAP001910-PA	-	80	1.45E-07	1	1514.754	0.62	Salivary gland	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_44840	FGFAPGSVELYAEK	AGAP001910-PA	-	93	6.30E-09	1	1514.753	0.54	Head	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_45498	RFVANGMFHAELNEFLTR	AGAP001910-PA	M7(Oxidation)	34	0.006086505	1	2168.076	2.55	Midgut	2R:-:12011021-12011048,12010314-12010460	exon=> In CDS Exon 2 and 1 of transcript AGAP001910-PA
JHU_Ag_47944	LIGGLAVR	AGAP001910-PA	-	52	9.63E-06	1	798.521	2.05	Ovary	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_48146	KPLPDNVSVVEPK	AGAP001910-PA	-	73	3.01E-07	2	1421.801	0.46	Visceras	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_48373	IMLPWDPNGK	AGAP001910-PA	-	46	0.000245104	1	1170.597	-0.59	Salivary gland	2R:-:12009891-12009862	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_48696	FIMESGAK	AGAP001910-PA	M3(Oxidation)	43	0.000420261	2	898.434	-0.19	Ovary	2R:-:12010080-12010057	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_50756	ELAEDGYSGVEVR	AGAP001910-PA	-	73	7.26E-07	2	1423.665	-3.73	Midgut	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_51986	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	95	6.05E-09	1	1288.669	1.06	Pupa	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA

JHU_Ag_52140	ELAEDGYSGVEVR	AGAP001910-PA	-	107	2.68E-10	2	1423.670	-0.13	Visceras	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_52333	FKVPEPLVEAK	AGAP001910-PA	-	39	0.000788833	1	1256.726	0.72	Visceras	2R:-:12009771-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_52334	DEIMYSSPR	AGAP001910-PA	M4(Oxidation)	51	4.72E-05	2	1113.489	0.6	Ovary	2R:-:12009810-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_53486	LIGGLAVR	AGAP001910-PA	-	64	9.45E-07	2	798.520	-0.17	Salivary gland	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_54111	IMLPWDPNGK	AGAP001910-PA	M2(Oxidation),"M2(Oxidation), N8(Deamidated)"	47	0.000196077	1	1186.593	0.62	Male reproductive organs	2R:-:12009891-12009862	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_54356	GCEVVVSGK	AGAP001910-PA	C2(Carbamidomethyl)	55	5.76E-05	2	934.467	1.18	Malpighian tubule	2R:-:12010056-12010030	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_54667	LIGGLAVR	AGAP001910-PA	-	58	2.41E-06	2	798.522	2.97	Larva	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_54898	VTPTRTEIIIMATR	AGAP001910-PA	-	55	1.24E-05	1	1601.911	3.91	Malpighian tubule	2R:-:12010420-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_55281	IRELTAVVR	AGAP001910-PA	-	40	0.000213021	1	1056.658	4.9	Male reproductive organs	2R:-:12010345-12010319	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_55630	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	79	2.20E-07	1	1288.668	0.02	Ovary	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_57748	GCEVVVSGK	AGAP001910-PA	C2(Carbamidomethyl)	49	0.000185832	1	934.470	3.74	Larva	2R:-:12010056-12010030	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_57972	FGFAPGSVELYAEK	AGAP001910-PA	-	70	1.42E-06	1	1514.758	3.45	Malpighian tubule	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_61164	FVANGMFHAELNEFLTR	AGAP001910-PA	N4(Deamidated), M6(Oxidation)	112	1.04E-10	1	2012.964	5.08	Larva	2R:-:12010510-12010460	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_61651	ELAEDGYSGVEVR	AGAP001910-PA	-	114	5.40E-11	2	1423.672	1.24	Pupa	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_64180	RFGFAPGSVELYAEK	AGAP001910-PA	-	84	5.05E-08	1	1670.860	3.56	Ovary	2R:-:12010315-12010510,12009718-12010183	exon=> In CDS Exon 3 and 2 of transcript AGAP001910-PA
JHU_Ag_65672	RFGFAPGSVELYAEK	AGAP001910-PA	-	63	8.04E-06	1	1670.852	-0.92	Midgut	2R:-:12010315-12010510,12009718-12010183	exon=> In CDS Exon 3 and 2 of transcript AGAP001910-PA
JHU_Ag_65713	ELAEDGYSGVEVR	AGAP001910-PA	-	100	1.48E-09	2	1423.671	0.64	Head	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_66496	FVANGMFHAELNEFLTR	AGAP001910-PA	N4(Deamidated), M6(Oxidation)	73	7.13E-07	1	2012.955	0.89	Pupa	2R:-:12010510-12010460	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_66556	RFGFAPGSVELYAEK	AGAP001910-PA	-	49	0.000157146	1	1670.863	5.73	Malpighian tubule	2R:-:12010315-12010510,12009718-12010183	exon=> In CDS Exon 3 and 2 of transcript AGAP001910-PA
JHU_Ag_66717	FKVPEPLVEAK	AGAP001910-PA	-	59	9.66E-06	1	1256.725	0.04	Head	2R:-:12009771-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_70862	LIGGLAVR	AGAP001910-PA	-	57	5.40E-06	2	798.519	-0.55	Visceras	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_71268	VPEPLVEAK	AGAP001910-PA	-	32	0.003256069	2	981.564	2.17	Malpighian tubule	2R:-:12009765-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_71738	ELAEDGYSGVEVR	AGAP001910-PA	-	86	3.57E-08	2	1423.675	3.82	Larva	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_72408	FVANGMFHAELNEFLTR	AGAP001910-PA	M6(Oxidation),"N4(Deamidated), M6(Oxidation)"	122	9.85E-12	1	2011.970	0.4	Ovary	2R:-:12010510-12010460	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_72469	RACYGVLR	AGAP001910-PA	C3(Carbamidomethyl)	37	0.002488314	2	994.529	3.56	Midgut	2R:-:12010104-12010081	exon=> In CDS Exon 3 of transcript AGAP001910-PA

JHU_Ag_73315	QGVLGIK	AGAP001910-PA	-	47	8.59E-05	2	714.451	0.03	Pupa	2R:-:12009918-12009898	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_75685	IMLPWDPNGK	AGAP001910-PA	-	36	0.002860606	2	1170.600	1.81	Malpighian tubule	2R:-:12009891-12009862	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_76360	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	90	2.02E-08	2	1288.667	-0.64	Male reproductive organs	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_76494	VPEPLVEAK	AGAP001910-PA	-	42	0.000416229	1	981.561	-1.07	Ovary	2R:-:12009765-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_76908	LIGGLAVR	AGAP001910-PA	-	75	7.44E-08	2	798.520	-0.09	Pupa	2R:-:12010128-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_77680	FGFAPGSVELYAEK	AGAP001910-PA	-	106	3.28E-10	1	1514.746	-4.69	Midgut	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_78826	GCEVVVSGK	AGAP001910-PA	C2(Carbamidomethyl)	51	0.0001366	2	934.465	-1.5	Salivary gland	2R:-:12010056-12010030	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_79394	QGVLGIK	AGAP001910-PA	-	49	5.58E-05	2	714.451	-0.22	Salivary gland	2R:-:12009918-12009898	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_80594	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl)	49	8.69E-05	1	2513.104	-1.21	Male reproductive organs	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_81643	DEIMYSSPR	AGAP001910-PA	M4(Oxidation)	65	2.07E-06	2	1113.488	0.16	Pupa	2R:-:12009810-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_83988	IRELTAVVR	AGAP001910-PA	-	30	0.004163595	2	1056.655	2.01	Ovary	2R:-:12010345-12010319	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_84663	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	C13(Carbamidomethyl)	124	4.14E-12	1	2497.119	2.71	Malpighian tubule	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_85585	TQNVLGEKGR	AGAP001910-PA	-	43	0.000823217	1	1101.601	0.19	Malpighian tubule	2R:-:12010378-12010349	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_85708	TQNVLGEK	AGAP001910-PA	-	42	0.001297503	1	888.478	-0.39	Male reproductive organs	2R:-:12010378-12010355	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_87029	GCEVVVSGK	AGAP001910-PA	C2(Carbamidomethyl)	43	0.000938209	1	934.468	1.78	Male reproductive organs	2R:-:12010056-12010030	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_89433	TEIIIMATR	AGAP001910-PA	M6(Oxidation)	73	7.01E-07	2	1063.583	0.85	Midgut	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_90863	TEIIIMATR	AGAP001910-PA	-	34	0.002962287	2	1047.589	2.18	Visceras	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_92428	DEIMYSSPR	AGAP001910-PA	M4(Oxidation)	53	3.12E-05	2	1113.492	3.12	Male reproductive organs	2R:-:12009810-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_92792	FVANGMFHAELNEFLTR	AGAP001910-PA	N4(Deamidated),M6(Oxidation),"N4(Deamidated), M6(Oxidation)"	114	5.28E-11	1	1996.955	-1.95	Midgut	2R:-:12010510-12010460	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_92897	KPLPDNVSVVEPKDEIMYSSPR	AGAP001910-PA	M17(Oxidation)	74	7.19E-07	1	2516.268	-1	Salivary gland	2R:-:12009849-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_92902	IMLPWDPNGKIGPK	AGAP001910-PA	-	37	0.001479989	1	1565.858	4.43	Malpighian tubule	2R:-:12009891-12009850	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_94004	KPLPDNVSVVEPKDEIMYSSPR	AGAP001910-PA	M17(Oxidation)	159	2.10E-15	1	2516.267	-1.21	Midgut	2R:-:12009849-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_95267	KPLPDNVSVVEPKDEIMYSSPR	AGAP001910-PA	M17(Oxidation)	138	2.35E-13	1	2516.271	0.17	Ovary	2R:-:12009849-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_95904	GLCAIAQAESLR	AGAP001910-PA	C3(Carbamidomethyl)	107	3.61E-10	1	1288.669	1.06	Salivary gland	2R:-:12010170-12010135	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_96008	KPLPDNVSVVEPKDEIMYSSPR	AGAP001910-PA	M17(Oxidation)	72	1.07E-06	1	2516.274	1.41	Male reproductive organs	2R:-:12009849-12009784	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_96087	IMLPWDPNGK	AGAP001910-PA	M2(Oxidation),"M2(Oxidation), N8(Deamidated)"	52	8.27E-05	2	1187.578	1.43	Pupa	2R:-:12009891-12009862	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_96399	VPEPLVEAK	AGAP001910-PA	-	47	0.000155716	2	981.560	-1.94	Head	2R:-:12009765-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA

JHU_Ag_97749	ELAEDGYSGVEVR	AGAP001910-PA	-	100	1.38E-09	2	1423.672	1.59	Male reproductive organs	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_98101	KPLPDNVSVVEPK	AGAP001910-PA	-	86	1.76E-08	2	1421.799	-0.83	Midgut	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_98571	EHVVEA	AGAP001910-PA	-	43	0.000163065	1	683.336	-0.14	Salivary gland	2R:-:12009738-12009721	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_98713	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	139	9.27E-14	1	2513.112	1.78	Head	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_101751	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl)	153	3.94E-15	1	2513.108	0.32	Ovary	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_101908	TEIIIMATR	AGAP001910-PA	-	50	7.21E-05	2	1047.588	1.02	Malpighian tubule	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_102264	FKVPEPLVEAK	AGAP001910-PA	-	44	0.000301866	1	1256.725	0.27	Ovary	2R:-:12009771-12009739	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_102674	QGVLGIK	AGAP001910-PA	-	45	0.000150924	2	714.450	-0.82	Visceras	2R:-:12009918-12009898	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_104384	KPLPDNVSVVEPK	AGAP001910-PA	-	85	1.69E-08	2	1421.800	0.37	Pupa	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_105126	ELAEDGYSGVEVR	AGAP001910-PA	-	107	2.66E-10	1	1423.673	2.36	Malpighian tubule	2R:-:12010459-12010421	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_105811	TEIIIMATR	AGAP001910-PA	M6(Oxidation)	66	1.91E-06	2	1047.586	-0.27	Pupa	2R:-:12010405-12010379	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_106741	GCEVVVSGK	AGAP001910-PA	C2(Carbamidomethyl)	54	6.34E-05	1	934.467	1.18	Ovary	2R:-:12010056-12010030	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_108750	GCEVVVSGK	AGAP001910-PA	C2(Carbamidomethyl)	40	0.001983586	2	934.465	-1.76	Visceras	2R:-:12010056-12010030	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_109031	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl)	87	1.51E-08	1	2513.117	3.75	Larva	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_110815	FGFAPGSVELYAEK	AGAP001910-PA	-	117	2.59E-11	1	1514.755	1.59	Pupa	2R:-:12010224-12010183	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_112305	GCEVVVSGK	AGAP001910-PA	C2(Carbamidomethyl)	51	0.000137864	1	934.464	-1.95	Midgut	2R:-:12010056-12010030	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_113007	KPLPDNVSVVEPK	AGAP001910-PA	-	94	2.26E-09	1	1421.804	2.61	Malpighian tubule	2R:-:12009849-12009811	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_113016	TQNVLGEK	AGAP001910-PA	-	44	0.000935639	2	888.479	0.48	Ovary	2R:-:12010378-12010355	exon=> In CDS Exon 2 of transcript AGAP001910-PA
JHU_Ag_114165	YKLIGGLAVR	AGAP001910-PA	-	35	0.000383657	3	1089.680	1.58	Malpighian tubule	2R:-:12010134-12010105	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_115112	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	132	4.45E-13	1	2513.111	1.49	Pupa	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_115670	FIMESGAK	AGAP001910-PA	-	43	0.000515592	1	882.440	1.23	Salivary gland	2R:-:12010080-12010057	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_116388	FVDGLMIHSGDPCNEYVDTATR	AGAP001910-PA	M6(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	132	4.05E-13	1	2513.102	-2.01	Salivary gland	2R:-:12009999-12009934	exon=> In CDS Exon 3 of transcript AGAP001910-PA
JHU_Ag_1306	VLILLAGR	AGAP001911-PA	-	61	4.41E-07	2	854.583	1.37	Salivary gland	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_4056	KPVTIVK	AGAP001911-PA	-	40	0.000222366	1	784.527	-2.99	Head	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_4730	TRLPLSAK	AGAP001911-PA	-	28	0.010168135	1	885.554	2.29	Head	2R:+:12011899-12011922	exon=> In CDS Exon 1 of transcript AGAP001911-PA

JHU_Ag_6059	VVLLK	AGAP001911-PA	-	27	0.001652885	1	571.419	2.34	Larva	2R:+:12012169-12012183	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_6616	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation),C15(Carbamidomethyl)	80	1.58E-07	1	2020.039	1.89	Visceras	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_11265	VLILLAGR	AGAP001911-PA	-	58	9.62E-07	2	854.583	1.16	Malpighian tubule	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_11279	YPASLLTAGLYR	AGAP001911-PA	-	88	1.15E-08	2	1324.728	1.84	Pupa	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_12698	VLILLAGR	AGAP001911-PA	-	61	4.37E-07	2	854.585	3.65	Larva	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_12985	KPVTIVK	AGAP001911-PA	-	42	5.45E-05	2	784.530	1.58	Salivary gland	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_13711	TGLLLVTGPFQLNSCPMRR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation)	52	7.06E-05	1	2176.142	2.54	Salivary gland	2R:+:12012193-12012249	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_14133	YPASLLTAGLYR	AGAP001911-PA	-	95	2.11E-09	1	1324.731	3.59	Larva	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_18591	TGLLLVTGPFQLNSCPMRR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation)	37	0.002198029	1	2176.137	0.19	Midgut	2R:+:12012193-12012249	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_24742	VVLLK	AGAP001911-PA	-	32	0.000531181	1	571.417	-0.54	Ovary	2R:+:12012169-12012183	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_26446	KPVTIVK	AGAP001911-PA	-	46	2.32E-05	1	784.531	2.07	Male reproductive organs	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_28186	VLILLAGR	AGAP001911-PA	-	57	1.11E-06	2	854.582	0.01	Male reproductive organs	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_29024	VVLLK	AGAP001911-PA	-	32	0.000604286	1	571.418	-0.44	Salivary gland	2R:+:12012169-12012183	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_32674	TRLPLSAK	AGAP001911-PA	-	39	0.001015813	1	885.551	-0.54	Salivary gland	2R:+:12011899-12011922	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_33619	KPVTIVKK	AGAP001911-PA	-	36	9.46E-05	2	912.625	0.96	Malpighian tubule	2R:+:12011953-12011976	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_38464	KPVTIVK	AGAP001911-PA	-	26	0.005835363	2	784.526	-3.4	Larva	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_46480	VLILLAGR	AGAP001911-PA	-	60	6.03E-07	2	854.583	1.08	Ovary	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_47609	VLILLAGR	AGAP001911-PA	-	60	5.65E-07	2	854.583	1.01	Visceras	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_48616	KPVTIVK	AGAP001911-PA	-	32	0.000547544	1	784.529	-0.66	Midgut	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_49448	KPVTIVK	AGAP001911-PA	-	26	0.000550846	1	784.528	-0.91	Visceras	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_50227	YPASLLTAGLYR	AGAP001911-PA	-	91	6.57E-09	1	1324.725	-0.65	Midgut	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_51056	TRLPLSAK	AGAP001911-PA	-	42	0.000472948	2	885.551	-0.47	Visceras	2R:+:12011899-12011922	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_52282	YPASLLTAGLYR	AGAP001911-PA	-	102	3.84E-10	1	1324.732	4.7	Head	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_55140	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation)	131	1.15E-12	1	2020.037	0.5	Ovary	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_55628	VSKYPASLLTAGLYR	AGAP001911-PA	-	49	4.99E-05	1	1638.918	-1.85	Midgut	2R:+:12011830-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_59638	VSKYPASLLTAGLYR	AGAP001911-PA	-	128	6.81E-13	1	1638.928	3.96	Malpighian tubule	2R:+:12011830-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_60034	YPASLLTAGLYR	AGAP001911-PA	-	97	1.42E-09	1	1324.725	-0.65	Visceras	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA

JHU_Ag_62870	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation)	69	1.86E-06	1	2020.037	0.68	Male reproductive organs	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_64391	RVVLLK	AGAP001911-PA	-	20	0.007064 77	1	727.519	-0.01	Midgut	2R:+:12012166-12012183	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_64681	KPVTIVK	AGAP001911-PA	-	39	0.000104 573	2	784.531	2.9	Malpighian tubule	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_67515	VSKYPASLLTAGLYR	AGAP001911-PA	-	44	0.000180 075	2	1638.919	-1.71	Male reproductive organs	2R:+:12011830-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_70731	TRLPLSAK	AGAP001911-PA	-	42	0.000529 436	1	885.553	1.32	Ovary	2R:+:12011899-12011922	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_78468	VSKYPASLLTAGLYR	AGAP001911-PA	-	60	3.87E-06	1	1638.924	1.5	Salivary gland	2R:+:12011830-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_78954	VLILLAGR	AGAP001911-PA	-	63	2.55E-07	2	854.582	-0.13	Midgut	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_80359	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation),C15(Carbamidomethyl)	120	1.41E-11	1	2020.037	0.68	Midgut	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_87093	YPASLLTAGLYR	AGAP001911-PA	-	101	6.16E-10	1	1324.727	0.74	Malpighian tubule	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_89794	VLILLAGR	AGAP001911-PA	-	57	1.01E-06	2	854.583	0.58	Pupa	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_91776	YPASLLTAGLYR	AGAP001911-PA	-	91	6.00E-09	1	1324.727	0.83	Male reproductive organs	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_93574	TVDPAKVKPK	AGAP001911-PA	-	52	1.32E-05	1	1082.659	1.6	Malpighian tubule	2R:+:12011923-12011952	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_94008	KPVTIVK	AGAP001911-PA	-	45	2.75E-05	2	784.530	1.66	Ovary	2R:+:12011953-12011973	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_94124	TRLPLSAK	AGAP001911-PA	-	40	0.000635 684	1	885.555	3.74	Malpighian tubule	2R:+:12011899-12011922	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_95289	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation)	52	8.03E-05	2	2020.040	2.07	Malpighian tubule	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_97762	TGLLLVTGPFQLNSCPMRR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation)	57	2.03E-05	1	2176.147	4.56	Larva	2R:+:12012193-12012249	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_99858	YPASLLTAGLYR	AGAP001911-PA	-	106	1.75E-10	1	1324.729	2.03	Ovary	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_101837	TVLLRK	AGAP001911-PA	-	25	0.004646 522	1	729.500	2.49	Malpighian tubule	2R:+:12012007-12012024	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_104255	KPVTIVKK	AGAP001911-PA	-	47	8.28E-06	1	912.624	-0.04	Male reproductive organs	2R:+:12011953-12011976	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_105077	VSKYPASLLTAGLYR	AGAP001911-PA	-	30	0.003933 543	1	1638.926	2.87	Larva	2R:+:12011830-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_106738	RVVLLK	AGAP001911-PA	-	19	0.008224 283	1	727.521	2.85	Ovary	2R:+:12012166-12012183	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_110028	VSKYPASLLTAGLYR	AGAP001911-PA	-	88	6.79E-09	1	1638.924	1.8	Ovary	2R:+:12011830-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_112923	VLILLAGR	AGAP001911-PA	-	58	8.78E-07	2	854.583	1.3	Head	2R:+:12012130-12012153	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_113569	YPASLLTAGLYR	AGAP001911-PA	-	95	2.22E-09	2	1324.730	2.86	Salivary gland	2R:+:12011839-12011874	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_113598	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation),C15(Carbamidomethyl)	97	3.08E-09	2	2020.037	0.68	Head	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA

JHU_Ag_114830	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation),"N13(Deamidated), C15(Carbamidomethyl), M17(Oxidation)"	103	7.01E-10	1	2020.044	3.95	Larva	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_116672	TGLLLVTGPFQLNSCPMR	AGAP001911-PA	C15(Carbamidomethyl), M17(Oxidation)	90	1.37E-08	2	2020.036	0.14	Salivary gland	2R:+:12012193-12012246	exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_33507	SHEHPHDIPITTFQR	AGAP001913-PA	-	38	0.002049634	1	1814.895	1.16	Head	2R:+:12022744-12022788	exon=> In CDS Exon 4 of transcript AGAP001913-PA
JHU_Ag_136	ACVASFFQR	AGAP001914-PA	C2(Carbamidomethyl)	62	6.23E-06	1	1085.519	-0.81	Ovary	2R:+:12026698-12026724	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_12050	ACVASFFQR	AGAP001914-PA	C2(Carbamidomethyl)	48	0.000121697	1	1085.521	1.21	Malpighian tubule	2R:+:12026698-12026724	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_28166	LGPGGLDPVEVFESLPEELQK	AGAP001914-PA	-	43	0.000659586	1	2253.157	-3.66	Male reproductive organs	2R:+:12026863-12026925	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_42568	IIDELEKEQER	AGAP001914-PA	-	88	2.69E-08	1	1401.721	-0.51	Male reproductive organs	2R:+:12026257-12026289	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_53442	IQEAENEYKNQFLSEIEAFK	AGAP001914-PA	-	60	1.45E-05	1	2430.186	1.62	Ovary	2R:+:12026725-12026784	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_53541	LGPGGLDPVEVFESLPEELQK	AGAP001914-PA	-	61	9.58E-06	1	2253.165	0.05	Ovary	2R:+:12026863-12026925	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_54278	SQPWNVDTISKPGFAK	AGAP001914-PA	-	56	3.52E-05	1	1774.911	-0.59	Male reproductive organs	2R:+:12026329-12026376	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_58880	NQFLSEIEAFK	AGAP001914-PA	-	81	1.14E-07	1	1325.675	1	Ovary	2R:+:12026752-12026784	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_62799	DIGMLQEAMAK	AGAP001914-PA	M4(Oxidation), M9(Oxidation)	59	1.54E-05	2	1238.577	1.17	Head	2R:+:12026941-12026973	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_64179	LIEEQEEEERK	AGAP001914-PA	-	64	6.64E-06	1	1431.698	1.25	Head	2R:+:12026824-12026856	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_70413	NQFLSEIEAFK	AGAP001914-PA	-	65	4.68E-06	2	1325.677	2.75	Head	2R:+:12026752-12026784	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_85268	DIGMLQEAMAK	AGAP001914-PA	M4(Oxidation), M9(Oxidation)	64	4.95E-06	1	1238.577	0.78	Male reproductive organs	2R:+:12026941-12026973	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_85824	DIEISDDEDDTHPNIDTPSLFR	AGAP001914-PA	-	102	6.92E-10	1	2544.143	2.28	Head	2R:+:12025916-12025924,12026050-12026106	exon=> In CDS Exon 1 and 2 of transcript AGAP001914-PA
JHU_Ag_87320	SAAAATSGSGVVAAEGGDDAEEEPVYVEAKPK	AGAP001914-PA	-	105	4.72E-10	1	3062.455	3.54	Male reproductive organs	2R:+:12027046-12027141	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_89672	ACVASFFQR	AGAP001914-PA	C2(Carbamidomethyl)	57	1.78E-05	1	1085.520	-0.02	Male reproductive organs	2R:+:12026698-12026724	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_89728	SAAAATSGSGVVAAEGGDDAEEEPVYVEAKPK	AGAP001914-PA	-	134	6.24E-13	1	3062.441	-1	Malpighian tubule	2R:+:12027046-12027141	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_90569	LIEEQEEEER	AGAP001914-PA	-	69	1.34E-06	1	1303.601	-0.22	Ovary	2R:+:12026824-12026853	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_103407	NQFLSEIEAFK	AGAP001914-PA	-	54	5.10E-05	2	1325.675	0.91	Midgut	2R:+:12026752-12026784	exon=> In CDS Exon 2 of transcript AGAP001914-PA
JHU_Ag_419	DGINEFLR	AGAP001919-PA	-	46	0.000483365	2	963.488	-1.44	Malpighian tubule	2R:+:12099388-12099411	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_2556	MSEYGVQGFPTIK	AGAP001919-PA	M1(Oxidation)	60	1.41E-05	1	1472.710	0.4	Pupa	2R:+:12098926-12098964	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_5128	VGGVNCEEEQGLCGQHGVR	AGAP001919-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	103	4.42E-10	1	2084.923	-0.15	Pupa	2R:+:12098482-12098538	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_5228	DGINEFLR	AGAP001919-PA	-	54	6.83E-05	2	963.490	0.52	Pupa	2R:+:12099388-12099411	exon=> In CDS Exon 1 of transcript AGAP001919-PA

JHU_Ag_6938	YTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	73	8.07E-07	2	2275.149	1.5	Head	2R:+:12099058-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_10012	MSEYGVQGFPTIK	AGAP001919-PA	M1(Oxidation)	70	1.45E-06	2	1472.715	4.29	Larva	2R:+:12098926-12098964	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_11736	MSEYGVQGFPTIK	AGAP001919-PA	M1(Oxidation)	54	5.62E-05	2	1472.712	1.89	Male reproductive organs	2R:+:12098926-12098964	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_12265	TSSDIVNWAQDK	AGAP001919-PA	-	86	3.39E-08	2	1363.649	0.33	Salivary gland	2R:+:12099022-12099057	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_12389	DGQLPVEEDIDLSDVDLDEKDEL	AGAP001919-PA	-	86	2.61E-08	2	2601.196	0.65	Midgut	2R:+:12099499-12099567	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_15487	IFGANKR	AGAP001919-PA	-	35	0.002367679	2	805.468	-0.07	Midgut	2R:+:12098557-12098577	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_22044	DDVIELTDANFDK	AGAP001919-PA	-	115	4.22E-11	2	1494.696	-0.05	Head	2R:+:12098731-12098769	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_22490	VGGVNCEEEQGLCGQHGVR	AGAP001919-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	155	2.67E-15	1	2084.925	0.65	Head	2R:+:12098482-12098538	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_27102	LGALDATVHQQK	AGAP001919-PA	-	79	1.23E-07	1	1280.695	-0.52	Midgut	2R:+:12098890-12098925	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_28369	DGINEFLR	AGAP001919-PA	-	47	0.000326927	2	963.490	0.59	Midgut	2R:+:12099388-12099411	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_31732	LGALDATVHQQK	AGAP001919-PA	-	75	2.98E-07	1	1280.698	1.67	Larva	2R:+:12098890-12098925	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_35518	LGALDATVHQQK	AGAP001919-PA	-	77	2.05E-07	1	1280.696	-0.14	Head	2R:+:12098890-12098925	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_37153	KPLCVVSVLPHILDCNADCR	AGAP001919-PA	C4(Carbamidomethyl), C15(Carbamidomethyl), C19(Carbamidomethyl)	84	6.27E-08	1	2366.172	-2.47	Salivary gland	2R:+:12099133-12099192	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_38008	DIAEAALAEAK	AGAP001919-PA	-	76	3.43E-07	2	1101.578	-0.7	Pupa	2R:+:12098614-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_39721	NVLGGGGGSSSSGGSGSNSGSGSKDDVIELTDANFDK	AGAP001919-PA	-	48	0.00014316	3	3416.533	0.25	Midgut	2R:+:12098659-12098769	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_42380	TSSDIVNWAQDK	AGAP001919-PA	-	95	3.57E-09	2	1363.648	-0.3	Pupa	2R:+:12099022-12099057	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_43979	VGGVNCEEEQGLCGQHGVR	AGAP001919-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	130	8.42E-13	1	2084.930	3.01	Larva	2R:+:12098482-12098538	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_45956	DIAEAALAEAK	AGAP001919-PA	-	94	6.31E-09	1	1101.579	0.3	Midgut	2R:+:12098614-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_47349	MSEYGVQGFPTIK	AGAP001919-PA	M1(Oxidation)	96	3.28E-09	1	1456.715	0.43	Salivary gland	2R:+:12098926-12098964	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_49148	NVLGGGGGSSSSGGSGSNSGSGSK	AGAP001919-PA	-	166	2.20E-16	1	1940.854	-0.1	Midgut	2R:+:12098659-12098730	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_49628	DIAEAALAEAK	AGAP001919-PA	-	94	6.42E-09	2	1101.579	0.63	Salivary gland	2R:+:12098614-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_52394	DGQLPVEEDIDLSDVDLDEKDEL	AGAP001919-PA	-	159	1.43E-15	1	2601.195	0.47	Ovary	2R:+:12099499-12099567	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_59009	VGGVNCEEEQGLCGQHGVR	AGAP001919-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	86	2.01E-08	1	2084.921	-1.34	Midgut	2R:+:12098482-12098538	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_61388	DGQLPVEEDIDLSDVDLDEK	AGAP001919-PA	-	81	1.14E-07	2	2244.045	2.2	Salivary gland	2R:+:12099499-12099558	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_63820	LGALDATVHQQK	AGAP001919-PA	-	55	2.99E-05	1	1280.695	-0.71	Malpighian tubule	2R:+:12098890-12098925	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_64644	DGINEFLR	AGAP001919-PA	-	55	6.40E-05	2	963.491	1.85	Salivary gland	2R:+:12099388-12099411	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_65617	MSEYGVQGFPTIK	AGAP001919-PA	M1(Oxidation)	78	2.64E-07	1	1472.708	-0.76	Ovary	2R:+:12098926-12098964	exon=> In CDS Exon 1 of transcript AGAP001919-PA

JHU_Ag_67053	ILQEMGDKYK	AGAP001919-PA	M5(Oxidation)	65	4.05E-06	1	1240.623	-0.64	Midgut	2R:+:12099208-12099237	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_67781	DIAEAALAEAK	AGAP001919-PA	-	60	1.49E-05	2	1101.580	0.96	Malpighian tubule	2R:+:12098614-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_68207	SDEVWVVEFYAPFCGHCR	AGAP001919-PA	C14(Carbamidomethyl), C17(Carbamidomethyl)	79	1.08E-07	1	2257.993	5.79	Salivary gland	2R:+:12098374-12098427	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_68830	DDVIELTDANFDK	AGAP001919-PA	-	84	5.43E-08	2	1494.702	3.87	Midgut	2R:+:12098731-12098769	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_69213	YTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	63	7.41E-06	2	2275.153	3.21	Salivary gland	2R:+:12099058-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_74727	SDEVWVVEFYAPFCGHCR	AGAP001919-PA	C14(Carbamidomethyl), C17(Carbamidomethyl)	97	1.32E-09	1	2257.978	-0.86	Midgut	2R:+:12098374-12098427	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_74943	YTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	92	9.37E-09	2	2275.148	1.07	Midgut	2R:+:12099058-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_75459	SPVDYNGQR	AGAP001919-PA	N6(Deamidated)	43	0.000565408	1	1036.469	-0.86	Midgut	2R:+:12098578-12098604	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_76924	DGINEFLR	AGAP001919-PA	-	50	0.000198767	1	963.492	2.24	Male reproductive organs	2R:+:12099388-12099411	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_78622	MSEYGVQGFPTIK	AGAP001919-PA	M1(Oxidation)	98	2.68E-09	2	1472.708	-0.51	Midgut	2R:+:12098926-12098964	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_79173	VGGVNCEEEQGLCGQHGVR	AGAP001919-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	88	1.47E-08	1	2084.924	0.29	Malpighian tubule	2R:+:12098482-12098538	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_80188	TSSDIVNWAQDKYTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	51	8.96E-05	1	3619.778	0.33	Pupa	2R:+:12099022-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_82998	VGGVNCEEEQGLCGQHGVR	AGAP001919-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	165	2.87E-16	1	2084.928	1.93	Salivary gland	2R:+:12098482-12098538	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_87251	VGGVNCEEEQGLCGQHGVR	AGAP001919-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	83	4.15E-08	1	2084.921	-1.29	Visceras	2R:+:12098482-12098538	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_89922	LGALDATVHQQK	AGAP001919-PA	-	79	1.24E-07	1	1280.696	-0.14	Pupa	2R:+:12098890-12098925	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_91141	DIAEAALAEAK	AGAP001919-PA	-	97	3.41E-09	2	1101.578	-0.59	Male reproductive organs	2R:+:12098614-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_92383	TSSDIVNWAQDK	AGAP001919-PA	-	86	2.91E-08	2	1363.648	-0.92	Midgut	2R:+:12099022-12099057	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_100172	TSSDIVNWAQDKYTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	51	8.51E-05	1	3619.794	4.98	Head	2R:+:12099022-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_101549	DGINEFLR	AGAP001919-PA	-	50	0.000186413	1	963.489	-0.55	Ovary	2R:+:12099388-12099411	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_102707	TSSDIVNWAQDKYTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	116	2.88E-11	1	3619.784	2.15	Midgut	2R:+:12099022-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_103746	LGALDATVHQQK	AGAP001919-PA	-	76	2.30E-07	1	1280.694	-1.57	Salivary gland	2R:+:12098890-12098925	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_104478	YTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	55	4.30E-05	2	2275.152	3.11	Pupa	2R:+:12099058-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_105929	NVLGGGGGSSSSGGSGSNSGSGSKDDVIELTDANFDK	AGAP001919-PA	-	244	3.63E-24	1	3416.542	2.93	Salivary gland	2R:+:12098659-12098769	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_106038	NLAPHWAR	AGAP001919-PA	-	36	0.003233868	1	964.511	-0.3	Salivary gland	2R:+:12098836-12098859	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_106547	DIAEAALAEAK	AGAP001919-PA	-	71	1.29E-06	2	1101.578	-0.81	Head	2R:+:12098614-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_107210	TSSDIVNWAQDK	AGAP001919-PA	-	44	0.000538729	2	1363.647	-1.73	Male reproductive organs	2R:+:12099022-12099057	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_107247	TSSDIVNWAQDKYTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	82	7.19E-08	1	3619.781	1.34	Salivary gland	2R:+:12099022-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA

JHU_Ag_108102	TSSDIVNWAQDKYTEDIPSPEIVQLTSEQVAR	AGAP001919-PA	-	68	1.88E-06	1	3619.788	3.26	Malpighian tubule	2R:+:12099022-12099117	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_108664	TAKDIAEAALAEAK	AGAP001919-PA	-	82	8.11E-08	2	1401.760	1.22	Malpighian tubule	2R:+:12098605-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_112265	DIAEAALAEAK	AGAP001919-PA	-	90	1.56E-08	2	1101.578	-0.59	Ovary	2R:+:12098614-12098646	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_112659	LGALDATVHQQK	AGAP001919-PA	-	58	1.57E-05	1	1280.694	-1.1	Ovary	2R:+:12098890-12098925	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_115174	KPLCVVSVLPHILDCNADCR	AGAP001919-PA	C4(Carbamidomethyl), C15(Carbamidomethyl), C19(Carbamidomethyl)	35	0.005126767	1	2366.177	-0.25	Head	2R:+:12099133-12099192	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_116365	KPLCVVSVLPHILDCNADCR	AGAP001919-PA	C4(Carbamidomethyl), C15(Carbamidomethyl), C19(Carbamidomethyl)	46	0.000348118	1	2366.180	0.84	Pupa	2R:+:12099133-12099192	exon=> In CDS Exon 1 of transcript AGAP001919-PA
JHU_Ag_1357	TESASECEVPDFVDAPGYLDPFSRR	AGAP001928-PA	C7(Carbamidomethyl)	110	9.33E-11	1	2844.285	2.21	Malpighian tubule	2R:-:12381877-12381803	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_4702	NLNIVYEKEPMSYVIEFHFDPNPYFK	AGAP001928-PA	M11(Oxidation)	34	0.005142637	1	3249.551	-2.81	Midgut	2R:-:12381355-12381278	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_5047	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	147	3.68E-14	1	1975.968	3.48	Head	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_7366	ADPTPEEAAWVDPPR	AGAP001928-PA	-	58	2.19E-05	2	1650.779	2.15	Salivary gland	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_8808	ELPANGQGIPNFWLMVFK	AGAP001928-PA	N5(Deamidated),Q7(Deamidated)	35	0.003617094	1	2062.054	3.4	Pupa	2R:-:12381472-12381419	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_10383	YQQLYQPIVDR	AGAP001928-PA	-	74	4.68E-07	1	1422.739	0.67	Salivary gland	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_10693	EDGEDEEEQEEEDDEINEK	AGAP001928-PA	-	126	7.98E-14	2	2309.852	-0.78	Midgut	2R:-:12381559-12381503	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_11825	ADPTPEEAAWVDPPR	AGAP001928-PA	-	81	1.31E-07	1	1650.782	3.55	Head	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_14239	HLQVEYTKLEAK	AGAP001928-PA	-	76	2.81E-07	1	1458.796	0.35	Malpighian tubule	2R:-:12381736-12381701	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_15428	HLQVEYTK	AGAP001928-PA	-	44	0.000977217	1	1017.536	-0.21	Salivary gland	2R:-:12381736-12381713	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_16352	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	88	2.57E-08	2	1975.959	-0.97	Visceras	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_17742	IDSDEPFSFEGPEIFK	AGAP001928-PA	-	93	6.53E-09	2	1856.863	2.41	Head	2R:-:12381238-12381191	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_18998	ADPTPEEAAWVDPPR	AGAP001928-PA	-	131	1.15E-12	1	1650.780	2.22	Ovary	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_19294	IDSDEPFSFEGPEIFK	AGAP001928-PA	-	103	6.81E-10	1	1856.866	3.92	Malpighian tubule	2R:-:12381238-12381191	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_20160	MALNYHK	AGAP001928-PA	-	37	0.003876678	2	876.440	0.86	Ovary	2R:-:12381493-12381473	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_20488	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	-	102	8.92E-10	1	2445.243	0.81	Male reproductive organs	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_21884	TQPTESFFNFFSPPR	AGAP001928-PA	-	63	6.35E-06	2	1801.859	2.34	Salivary gland	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_23119	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	-	136	3.26E-13	1	2445.252	4.71	Larva	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_25007	TQPTESFFNFFSPPR	AGAP001928-PA	-	75	4.10E-07	2	1801.854	-0.17	Midgut	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_25052	HLQVEYTKLEAK	AGAP001928-PA	-	79	1.36E-07	1	1458.798	2.22	Ovary	2R:-:12381736-12381701	exon=> In CDS Exon 1 of transcript AGAP001928-PA

JHU_Ag_25574	TQPTESFFNFFSPPR	AGAP001928-PA	-	83	7.16E-08	1	1801.862	3.96	Larva	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_26351	EPMSYVIEFHFDPNPYFK	AGAP001928-PA	M3(Oxidation)	60	1.27E-05	1	2276.040	1.32	Ovary	2R:-:12381331-12381278	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_27875	ELPANGQGIPNFWLMVFK	AGAP001928-PA	M15(Oxidation),"N5(Deamidated), M15(Oxidation)"	61	9.67E-06	1	2061.069	3.1	Ovary	2R:-:12381472-12381419	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_27917	QFIQSLPEAAQQR	AGAP001928-PA	-	63	7.27E-06	1	1515.793	0.69	Pupa	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_28265	YQQLYQPIVDR	AGAP001928-PA	-	66	3.42E-06	1	1422.739	0.93	Pupa	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_32250	DFEVGHFLR	AGAP001928-PA	-	40	0.001891425	1	1119.559	0.92	Pupa	2R:-:12380986-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_32810	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	-	133	6.11E-13	1	2445.245	1.71	Pupa	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_32886	FFEEVYQLECK	AGAP001928-PA	C10(Carbamidomethyl)	69	1.38E-06	2	1491.682	-0.21	Midgut	2R:-:12381700-12381668	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_35491	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	N1(Deamidated)	143	6.53E-14	1	2445.246	2.24	Ovary	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_36017	NLNIVYEK	AGAP001928-PA	-	38	0.002090902	2	992.541	-0.46	Ovary	2R:-:12381355-12381332	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_36934	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	-	95	4.64E-09	1	2445.241	-0.16	Salivary gland	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_37174	QFIQSLPEAAQQR	AGAP001928-PA	-	67	2.92E-06	2	1515.791	-0.11	Midgut	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_38147	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	92	1.17E-08	1	1975.966	2.55	Pupa	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_39323	FFEEVYQLECK	AGAP001928-PA	C10(Carbamidomethyl)	76	2.46E-07	2	1491.685	1.83	Male reproductive organs	2R:-:12381700-12381668	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_39741	TQPTESFFNFFSPPR	AGAP001928-PA	-	112	9.15E-11	1	1801.860	3.15	Ovary	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_40068	CKIDSDEPFSFEGPEIFK	AGAP001928-PA	C1(Carbamidomethyl)	66	3.76E-06	1	2144.990	2.38	Malpighian tubule	2R:-:12381244-12381191	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_40160	FFEEVYQLECK	AGAP001928-PA	C10(Carbamidomethyl)	77	2.01E-07	1	1491.683	0.28	Salivary gland	2R:-:12381700-12381668	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_40948	KGEQPPECNQQ	AGAP001928-PA	C8(Carbamidomethyl)	37	0.001228649	2	1314.576	1.52	Malpighian tubule	2R:-:12380701-12380669	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_42395	IDSDEPFSFEGPEIFK	AGAP001928-PA	-	124	4.25E-12	1	1856.854	-2.52	Midgut	2R:-:12381238-12381191	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_45787	QFIQSLPEAAQQR	AGAP001928-PA	-	70	1.45E-06	1	1515.790	-0.92	Head	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_47049	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	96	4.10E-09	2	1975.961	0.02	Midgut	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_48320	DFEVGHFLR	AGAP001928-PA	-	46	0.000439393	2	1119.560	2.01	Malpighian tubule	2R:-:12380986-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_48393	EPMSYVIEFHFDPNPYFK	AGAP001928-PA	M3(Oxidation)	41	0.001104848	1	2276.045	3.57	Larva	2R:-:12381331-12381278	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_49004	CKIDSDEPFSFEGPEIFK	AGAP001928-PA	C1(Carbamidomethyl)	143	7.06E-14	1	2144.989	2.08	Ovary	2R:-:12381244-12381191	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_50142	QFIQSLPEAAQQR	AGAP001928-PA	-	69	1.92E-06	2	1515.798	4.48	Larva	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_50651	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	-	136	3.00E-13	1	2445.250	3.81	Head	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_51706	IDSDEPFSFEGPEIFK	AGAP001928-PA	-	128	1.91E-12	1	1856.859	0.24	Ovary	2R:-:12381238-12381191	exon=> In CDS Exon 1 of transcript AGAP001928-PA

JHU_Ag_52626	HLQVEYTK	AGAP001928-PA	-	49	0.000230597	1	1017.538	1.59	Head	2R:-:12381736-12381713	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_54773	TESASECEVPDFVDAPGYLDPFSR	AGAP001928-PA	C7(Carbamidomethyl)	52	5.69E-05	2	2688.183	2.06	Midgut	2R:-:12381877-12381806	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_54983	ADPTPEEAAWVDPPR	AGAP001928-PA	-	75	4.44E-07	1	1650.777	0.74	Male reproductive organs	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_55456	EIVSGK	AGAP001928-PA	-	38	0.003788382	1	632.361	-0.89	Ovary	2R:-:12381628-12381611	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_55702	ADPTPEEAAWVDPPR	AGAP001928-PA	-	81	1.16E-07	1	1650.775	-0.81	Midgut	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_56124	HLQVEYTK	AGAP001928-PA	-	52	0.000102254	1	1017.537	0.93	Ovary	2R:-:12381736-12381713	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_57596	EDGEDEEEQEEEDDEINEK	AGAP001928-PA	-	105	1.49E-11	2	2309.860	2.81	Head	2R:-:12381559-12381503	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_62828	HLQVEYTK	AGAP001928-PA	-	49	0.000239251	1	1017.539	2.97	Larva	2R:-:12381736-12381713	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_62877	QFIQSLPEAAQQR	AGAP001928-PA	-	48	0.000218224	2	1515.793	1.01	Salivary gland	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_64435	TQPTESFFNFFSPPR	AGAP001928-PA	-	114	5.25E-11	1	1801.864	5.25	Head	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_64701	KEDGEDEEEQEEEDDEINEK	AGAP001928-PA	Q10(Deamidated)	79	7.41E-09	2	2438.901	-12.91	Head	2R:-:12381562-12381503	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_67315	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	103	7.71E-10	1	1975.964	1.5	Male reproductive organs	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_68368	TESASECEVPDFVDAPGYLDPFSR	AGAP001928-PA	C7(Carbamidomethyl)	57	1.81E-05	2	2688.186	3.33	Head	2R:-:12381877-12381806	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_69606	CTGCPINWNAGK	AGAP001928-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	75	2.29E-07	2	1377.603	-0.32	Ovary	2R:-:12381190-12381155	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_70664	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	147	3.32E-14	1	1975.969	4.35	Ovary	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_71382	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	140	1.65E-13	1	1975.961	0.08	Malpighian tubule	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_72298	YQQLYQPIVDR	AGAP001928-PA	-	69	1.78E-06	1	1422.741	2.38	Malpighian tubule	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_76446	FFEEVYQLECK	AGAP001928-PA	C10(Carbamidomethyl)	98	1.56E-09	1	1491.686	2.4	Ovary	2R:-:12381700-12381668	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_76736	IDSDEPFSFEGPEIFK	AGAP001928-PA	-	37	0.002701886	1	1856.860	0.37	Salivary gland	2R:-:12381238-12381191	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_77429	YQQLYQPIVDR	AGAP001928-PA	-	74	4.77E-07	1	1422.739	0.75	Head	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_78818	TESASECEVPDFVDAPGYLDPFSR	AGAP001928-PA	C7(Carbamidomethyl)	64	3.17E-06	1	2688.189	4.42	Malpighian tubule	2R:-:12381877-12381806	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_80169	DFEVGHFLR	AGAP001928-PA	-	53	9.07E-05	1	1119.562	3.65	Midgut	2R:-:12380986-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_80790	TESASECEVPDFVDAPGYLDPFSR	AGAP001928-PA	C7(Carbamidomethyl)	132	4.81E-13	1	2688.179	0.7	Ovary	2R:-:12381877-12381806	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_82170	DFEVGHFLR	AGAP001928-PA	-	40	0.001511516	1	1119.565	6.26	Larva	2R:-:12380986-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_82407	VQEDDTIDPETQFLIGRDFEVGHFLR	AGAP001928-PA	-	121	1.18E-11	1	3076.514	4.26	Ovary	2R:-:12381037-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_83197	DTVLTK	AGAP001928-PA	-	46	0.000371775	1	676.389	1.75	Head	2R:-:12381277-12381260	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_84959	FFEEVYQLECK	AGAP001928-PA	C10(Carbamidomethyl)	85	3.71E-08	2	1491.686	2.49	Head	2R:-:12381700-12381668	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_85959	TQPTESFFNFFSPPR	AGAP001928-PA	-	98	2.11E-09	1	1801.857	1.32	Male reproductive organs	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA

JHU_Ag_88449	CTGCPINWNAGK	AGAP001928-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	40	0.000755592	2	1377.607	1.99	Head	2R:-:12381190-12381155	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_88593	ADPTPEEAAWVDPPR	AGAP001928-PA	-	59	1.92E-05	1	1650.775	-0.44	Pupa	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_90148	HLQVEYTK	AGAP001928-PA	-	49	0.000253776	1	1017.536	0.03	Midgut	2R:-:12381736-12381713	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_93875	DFEVGHFLR	AGAP001928-PA	-	65	5.18E-06	1	1119.560	1.14	Ovary	2R:-:12380986-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_94048	QFIQSLPEAAQQR	AGAP001928-PA	-	48	0.000190043	2	1515.792	0.29	Male reproductive organs	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_94169	ELPANGQGIPNFWLMVFK	AGAP001928-PA	-	31	0.008321814	1	2061.072	4.41	Head	2R:-:12381472-12381419	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_95022	ADPTPEEAAWVDPPR	AGAP001928-PA	-	38	0.002566359	1	1650.780	2.52	Larva	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_96629	TQPTESFFNFFSPPR	AGAP001928-PA	-	104	5.72E-10	1	1801.864	5.32	Malpighian tubule	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_98336	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	-	133	7.33E-13	1	2445.235	-2.33	Midgut	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_98504	YQQLYQPIVDR	AGAP001928-PA	-	71	1.13E-06	1	1422.737	-0.1	Midgut	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_99847	QFIQSLPEAAQQR	AGAP001928-PA	-	76	3.38E-07	1	1515.790	-0.92	Ovary	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_100100	HLQVEYTK	AGAP001928-PA	-	52	0.000132737	1	1017.536	-0.45	Malpighian tubule	2R:-:12381736-12381713	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_100320	FFEEVYQLECK	AGAP001928-PA	C10(Carbamidomethyl)	77	2.24E-07	1	1491.689	4.04	Malpighian tubule	2R:-:12381700-12381668	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_100606	VQEDDTIDPETQFLIGRDFEVGHFLR	AGAP001928-PA	-	140	1.41E-13	1	3076.516	4.73	Malpighian tubule	2R:-:12381037-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_102498	MALNYHK	AGAP001928-PA	-	39	0.002694206	2	876.440	-0.18	Pupa	2R:-:12381493-12381473	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_103531	YQQLYQPIVDR	AGAP001928-PA	-	51	9.61E-05	2	1422.739	0.84	Male reproductive organs	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_104067	TESASECEVPDFVDAPGYLDPFSRR	AGAP001928-PA	C7(Carbamidomethyl)	149	1.29E-14	1	2844.282	1.37	Ovary	2R:-:12381877-12381803	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_105748	ADPTPEEAAWVDPPR	AGAP001928-PA	-	121	1.17E-11	1	1650.778	1.19	Malpighian tubule	2R:-:12381610-12381566	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_105785	VQEDDTIDPETQFLIGR	AGAP001928-PA	-	118	2.53E-11	1	1975.961	0.08	Salivary gland	2R:-:12381037-12380987	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_106149	YQQLYQPIVDR	AGAP001928-PA	-	70	1.32E-06	2	1422.741	2.21	Ovary	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_106499	DFEVGHFLR	AGAP001928-PA	-	65	5.09E-06	1	1119.558	-0.28	Salivary gland	2R:-:12380986-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_106776	YQQLYQPIVDR	AGAP001928-PA	-	53	6.68E-05	1	1422.743	3.93	Larva	2R:-:12381667-12381635	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_108394	NTEALAELVHPHDEPVLEYLR	AGAP001928-PA	-	128	2.12E-12	1	2445.249	3.36	Malpighian tubule	2R:-:12381418-12381356	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_111453	MALNYHK	AGAP001928-PA	-	35	0.007438061	1	876.441	1.49	Head	2R:-:12381493-12381473	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_112079	DFEVGHFLR	AGAP001928-PA	-	58	2.67E-05	1	1119.558	0.16	Male reproductive organs	2R:-:12380986-12380960	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_112684	QFIQSLPEAAQQR	AGAP001928-PA	-	87	2.80E-08	1	1515.794	1.82	Malpighian tubule	2R:-:12381790-12381752	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_116307	TQPTESFFNFFSPPR	AGAP001928-PA	-	87	2.37E-08	1	1801.861	3.56	Pupa	2R:-:12381082-12381038	exon=> In CDS Exon 1 of transcript AGAP001928-PA
JHU_Ag_45616	AYHIDEIRDPANADLLK	AGAP001929-PA	-	41	0.000870844	1	1954.014	5.66	Ovary	2R:-:12384803-12384753	exon=> In CDS Exon 3 of transcript AGAP001929-PA

JHU_Ag_1071	LFVGGLSWETSHENLQR	AGAP001930-PB	-	118	2.46E-11	1	1972.995	3.76	Ovary	2R:+:12391445-12391495	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_1965	VFLGGLPPNITETDLR	AGAP001930-PB	-	42	0.000458499	1	1741.956	4.42	Male reproductive organs	2R:+:12391715-12391762	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_3493	ATTDHFVHISGK	AGAP001930-PB	-	86	2.76E-08	1	1312.669	3.44	Ovary	2R:+:12391880-12391915	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_4923	GFGFVTFADPENVER	AGAP001930-PB	-	89	1.97E-08	1	1684.799	1.32	Malpighian tubule	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_5136	VFLGGLPPNITETDLR	AGAP001930-PB	-	38	0.001215615	1	1741.949	0.15	Head	2R:+:12391715-12391762	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_8381	ATTDHFVHISGK	AGAP001930-PB	-	69	1.46E-06	1	1312.665	0.57	Head	2R:+:12391880-12391915	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_9037	LFVGGLSWETSHENLQR	AGAP001930-PB	-	61	1.31E-05	1	1972.987	-0.4	Malpighian tubule	2R:+:12391445-12391495	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_17452	LFVGGLSWETSHENLQR	AGAP001930-PB	-	109	2.37E-10	1	1972.988	0.17	Head	2R:+:12391445-12391495	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_20080	GFGFLSFENESAVER	AGAP001930-PB	-	57	2.52E-05	2	1688.799	4.11	Pupa	2R:+:12391835-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_22219	LFVGGLSWETSHENLQR	AGAP001930-PB	-	118	2.78E-11	1	1972.987	-0.14	Salivary gland	2R:+:12391445-12391495	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_23363	GFGFLSFENESAVER	AGAP001930-PB	-	122	7.66E-12	1	1688.798	3.61	Ovary	2R:+:12391835-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_25520	ALENGPHTLDGR	AGAP001930-PB	-	80	1.88E-07	1	1279.638	-0.41	Salivary gland	2R:+:12391610-12391645	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_33478	YGEVIDCVVMKNNETGR	AGAP001930-PB	C7(Carbamidomethyl), M10(Oxidation)	54	5.87E-05	2	1999.929	3.8	Ovary	2R:+:12391508-12391558	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_33670	SRGFGFVTFADPENVER	AGAP001930-PB	-	48	0.000242172	1	1927.934	1.95	Ovary	2R:+:12391559-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_34016	GFGFVTFADPENVER	AGAP001930-PB	-	72	1.12E-06	1	1684.799	1.1	Male reproductive organs	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_34114	ATTDHFVHISGK	AGAP001930-PB	-	71	1.07E-06	1	1312.664	-0.54	Salivary gland	2R:+:12391880-12391915	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_35411	YGTVMEVVIMYDQEK	AGAP001930-PB	M5(Oxidation), M10(Oxidation)	44	0.000467279	2	1836.839	-0.45	Salivary gland	2R:+:12391778-12391822	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_36330	YGEVIDCVVMK	AGAP001930-PB	C7(Carbamidomethyl), M10(Oxidation)	78	1.94E-07	2	1328.624	1.42	Salivary gland	2R:+:12391508-12391540	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_37211	ALENGPHTLDGR	AGAP001930-PB	-	72	1.07E-06	1	1279.638	-0.98	Malpighian tubule	2R:+:12391610-12391645	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_39175	SVYGAGSDATSQPPYQAF	AGAP001930-PB	-	114	5.30E-11	1	1845.833	1.98	Ovary	2R:+:12392570-12392623	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_39301	YGEVIDCVVMK	AGAP001930-PB	C7(Carbamidomethyl), M10(Oxidation),C7(Carbamidomethyl)	83	7.01E-08	1	1328.623	0.32	Ovary	2R:+:12391508-12391540	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_44133	TIDPKPCNPR	AGAP001930-PB	C7(Carbamidomethyl)	37	0.002342598	2	1197.604	-0.09	Ovary	2R:+:12391646-12391675	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_46020	GFGFLSFENESAVER	AGAP001930-PB	-	95	4.03E-09	2	1688.791	-0.37	Midgut	2R:+:12391835-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_56065	YGEVIDCVVMKNNETGR	AGAP001930-PB	C7(Carbamidomethyl), M10(Oxidation),C7(Carbamidomethyl)	60	1.45E-05	1	1999.924	1.29	Malpighian tubule	2R:+:12391508-12391558	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_59010	ALENGPHTLDGR	AGAP001930-PB	N4(Deamidated)	71	1.11E-06	1	1279.642	2.07	Ovary	2R:+:12391610-12391645	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_70623	ATTDHFVHISGK	AGAP001930-PB	-	48	0.000215531	1	1312.667	1.68	Male reproductive organs	2R:+:12391880-12391915	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_71869	SRGFGFLSFENESAVER	AGAP001930-PB	-	76	4.74E-07	1	1931.931	3.32	Ovary	2R:+:12391829-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB

JHU_Ag_71872	VFLGGLPPNITETDLR	AGAP001930-PB	-	37	0.001464 01	2	1741.954	3.09	Malpighian tubule	2R:+:12391715-12391762	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_72883	ALENGPHTLDGR	AGAP001930-PB	-	47	0.000357 968	2	1279.639	0.35	Male reproductive organs	2R:+:12391610-12391645	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_74119	GFGFVTFADPENVER	AGAP001930-PB	-	68	2.85E-06	1	1684.798	0.52	Midgut	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_84697	ALENGPHTLDGR	AGAP001930-PB	-	68	2.32E-06	1	1279.640	0.83	Head	2R:+:12391610-12391645	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_87004	VFLGGLPPNITETDLR	AGAP001930-PB	-	32	0.003815 434	1	1741.953	2.88	Midgut	2R:+:12391715-12391762	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_87191	VFLGGLPPNITETDLR	AGAP001930-PB	-	71	6.80E-07	1	1741.949	0.15	Ovary	2R:+:12391715-12391762	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_90252	GFGFLSFENESAVER	AGAP001930-PB	-	100	1.11E-09	1	1688.796	2.81	Head	2R:+:12391835-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_91631	GFGFVTFADPENVER	AGAP001930-PB	-	51	0.000134 203	2	1684.801	2.41	Visceras	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_91908	GFGFVTFADPENVER	AGAP001930-PB	-	50	0.000162 679	2	1684.795	-1.14	Pupa	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_93908	MIPAELDDHEK	AGAP001930-PB	M1(Oxidation)	34	0.003594 473	1	1313.603	-0.89	Ovary	2R:+:12391406-12391438	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_94338	GFGFVTFADPENVER	AGAP001930-PB	-	71	1.19E-06	1	1684.809	7.33	Salivary gland	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_97628	YGEVIDCVVMK	AGAP001930-PB	C7(Carbamidomethyl)	43	0.000636 653	2	1312.627	-0.67	Midgut	2R:+:12391508-12391540	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_98250	YGEVIDCVVMK	AGAP001930-PB	C7(Carbamidomethyl), M10(Oxidation)	67	2.57E-06	2	1328.623	0.04	Male reproductive organs	2R:+:12391508-12391540	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_98900	GFGFLSFENESAVER	AGAP001930-PB	-	104	4.09E-10	1	1688.795	2.16	Male reproductive organs	2R:+:12391835-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_100236	GFGFLSFENESAVER	AGAP001930-PB	-	63	5.76E-06	1	1688.801	5.42	Malpighian tubule	2R:+:12391835-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_101763	ATTDHFVHISGK	AGAP001930-PB	-	57	2.27E-05	1	1312.665	0.09	Malpighian tubule	2R:+:12391880-12391915	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_102084	GFGFLSFENESAVER	AGAP001930-PB	-	91	9.05E-09	2	1688.797	3.32	Salivary gland	2R:+:12391835-12391879	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_102427	YGTVMEVVIMYDQEK	AGAP001930-PB	M5(Oxidation), M10(Oxidation)	90	1.13E-08	2	1836.838	-0.78	Ovary	2R:+:12391778-12391822	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_107157	LFVGGLSWETSHENLQR	AGAP001930-PB	-	58	2.76E-05	1	1972.987	-0.21	Male reproductive organs	2R:+:12391445-12391495	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_113169	YGEVIDCVVMK	AGAP001930-PB	C7(Carbamidomethyl)	43	0.000699 099	1	1312.631	2.4	Malpighian tubule	2R:+:12391508-12391540	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_115723	GFGFVTFADPENVER	AGAP001930-PB	-	98	2.30E-09	1	1684.795	-1.14	Ovary	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_117574	GFGFVTFADPENVER	AGAP001930-PB	-	72	1.05E-06	2	1684.802	3.35	Head	2R:+:12391565-12391609	exon=> In CDS Exon 1 of transcript AGAP001930-PB
JHU_Ag_81749	TVTVVQSASAQGINIR	AGAP001933-PA	-	62	4.83E-06	2	1643.908	0.48	Ovary	2R:+:12426413-12426460	exon=> In CDS Exon 2 of transcript AGAP001933-PA
JHU_Ag_100640	SHAVVADTVPNTPEDDDEDSPVLSQR	AGAP001933-PA	-	47	0.000275 361	3	2793.298	6.08	Malpighian tubule	2R:+:12426041-12426118	exon=> In CDS Exon 2 of transcript AGAP001933-PA
JHU_Ag_3137	KMETLEK	AGAP001935-PB,AGAP001935-PA	-	36	0.004382 891	1	878.463	-3.03	Head	2R:+:12615008-12615028;2R:+:12615008-12615028	exon=> In CDS Exon 3 of transcript AGAP001935-PB;exon=> In CDS Exon 5 of transcript AGAP001935-PA
JHU_Ag_46445	DATNGFTLFSDDPIEK	AGAP001935-PB,AGAP001935-PA	-	98	2.16E-09	1	1769.826	1.66	Head	2R:+:12619915-12619962;2R:+:12619915-12619962	exon=> In CDS Exon 10 of transcript AGAP001935-PB;exon=> In CDS Exon 12 of transcript AGAP001935-PA
JHU_Ag_37890	DITHNIK	AGAP001936-PB	-	51	4.92E-05	1	840.458	0.68	Head	2R:+:12658333-12658353	exon=> In CDS Exon 4 of transcript AGAP001936-PB

JHU_Ag_61198	MNNVCVWTNLMK	AGAP001936-PB	M1(Oxidation), C5(Carbamidomethyl), M11(Oxidation)	64	4.21E-06	2	1541.690	-0.49	Head	2R:+:12658354-12658389	exon=> In CDS Exon 4 of transcript AGAP001936-PB
JHU_Ag_559	LNEILYPLYDEK	AGAP001936-PB,AGAP001936-PA	-	55	4.33E-05	1	1509.783	-0.06	Head	2R:+:12660574-12660609;2R:+:12660574-12660609	exon=> In CDS Exon 7 of transcript AGAP001936-PB;exon=> In CDS Exon 7 of transcript AGAP001936-PA
JHU_Ag_1165	LGFLVDPR	AGAP001936-PB,AGAP001936-PA	-	46	0.000445374	2	916.524	-0.8	Head	2R:+:12660106-12660129;2R:+:12660106-12660129	exon=> In CDS Exon 5 of transcript AGAP001936-PB;exon=> In CDS Exon 5 of transcript AGAP001936-PA
JHU_Ag_3253	ANAINLDQFINFLNEK	AGAP001936-PB,AGAP001936-PA	-	117	2.91E-11	1	1863.970	5.1	Head	2R:+:12660511-12660558;2R:+:12660511-12660558	exon=> In CDS Exon 7 of transcript AGAP001936-PB;exon=> In CDS Exon 7 of transcript AGAP001936-PA
JHU_Ag_3941	FGVYDENGKLLGQR	AGAP001936-PB,AGAP001936-PA	-	121	1.13E-11	1	1595.822	2.97	Head	2R:+:12662150-12662191;2R:+:12662150-12662191	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_5857	LVYQILSDLGLPSGK	AGAP001936-PB,AGAP001936-PA	-	102	1.82E-10	1	1602.918	4.88	Head	2R:+:12660269-12660313;2R:+:12660269-12660313	exon=> In CDS Exon 6 of transcript AGAP001936-PB;exon=> In CDS Exon 6 of transcript AGAP001936-PA
JHU_Ag_7628	SQAIEFVNYNK	AGAP001936-PB,AGAP001936-PA	-	63	6.51E-06	2	1312.656	1.96	Head	2R:+:12661652-12661684;2R:+:12661652-12661684	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_9252	IYVPDGFEDFMDALSDPR	AGAP001936-PB,AGAP001936-PA	M11(Oxidation)	73	4.89E-07	2	2102.942	1.92	Head	2R:+:12662300-12662353;2R:+:12662300-12662353	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_13224	VTHDKQLEELANDVQK	AGAP001936-PB,AGAP001936-PA	-	114	5.41E-11	1	1866.959	1.81	Head	2R:+:12663149-12663196;2R:+:12663149-12663196	exon=> In CDS Exon 9 of transcript AGAP001936-PB;exon=> In CDS Exon 9 of transcript AGAP001936-PA
JHU_Ag_14413	MVPANGLNPVYNEEPFLFRK	AGAP001936-PB,AGAP001936-PA	M1(Oxidation)	61	1.04E-05	1	2351.196	4.42	Head	2R:+:12662060-12662119;2R:+:12662060-12662119	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_16677	ADFTFEK	AGAP001936-PB,AGAP001936-PA	-	32	0.004990 64	1	857.405	1.7	Head	2R:+:12660332-12660352;2R:+:12660332-12660352	exon=> In CDS Exon 6 of transcript AGAP001936-PB;exon=> In CDS Exon 6 of transcript AGAP001936-PA
JHU_Ag_16716	KLIQEQNAQWTEMAER	AGAP001936-PB,AGAP001936-PA	M13(Oxidation)	67	2.98E-06	2	1990.970	2.18	Head	2R:+:12662684-12662731;2R:+:12662684-12662731	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_20697	VTEPPLVFDPITVDSLRQEK	AGAP001936-PB,AGAP001936-PA	-	85	2.33E-08	1	2283.232	3.68	Head	2R:+:12662462-12662521;2R:+:12662462-12662521	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_26296	FQSFDYADK	AGAP001936-PB,AGAP001936-PA	-	33	0.003836938	2	1120.494	-0.91	Head	2R:+:12661565-12661591;2R:+:12661565-12661591	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_26300	LIEMYKVDEEEYK	AGAP001936-PB,AGAP001936-PA	M4(Oxidation)	78	2.36E-07	1	1704.806	1.37	Head	2R:+:12665134-12665172;2R:+:12665134-12665172	exon=> In CDS Exon 10 of transcript AGAP001936-PB;exon=> In CDS Exon 10 of transcript AGAP001936-PA
JHU_Ag_27463	FYELYHK	AGAP001936-PB,AGAP001936-PA	-	45	0.000300899	2	999.491	-2.13	Head	2R:+:12660353-12660373;2R:+:12660353-12660373	exon=> In CDS Exon 6 of transcript AGAP001936-PB;exon=> In CDS Exon 6 of transcript AGAP001936-PA
JHU_Ag_27949	QQLADQQDILR	AGAP001936-PB,AGAP001936-PA	-	62	8.36E-06	1	1327.697	0.14	Head	2R:+:12662762-12662794;2R:+:12662762-12662794	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_34228	YLMSDENAPVFLDR	AGAP001936-PB,AGAP001936-PA	M3(Oxidation)	106	3.83E-10	2	1685.790	3.52	Head	2R:+:12660782-12660823;2R:+:12660782-12660823	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA

JHU_Ag_36564	EDASAVDVTK	AGAP001936-PB,AGAP001936-PA	-	56	3.46E-05	2	1034.500	0.07	Head	2R:+:12661367-12661396;2R:+:12661367-12661396	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_38282	LMETTQAAQMK	AGAP001936-PB,AGAP001936-PA	M10(Oxidation),"M2(Oxidation), M10(Oxidation)"	93	6.78E-09	1	1267.600	-1.39	Head	2R:+:12662798-12662830;2R:+:12662798-12662830	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_45482	RALEIITTYEQNDEAR	AGAP001936-PB,AGAP001936-PA	-	72	8.94E-07	2	1921.960	-0.57	Head	2R:+:12660610-12660657;2R:+:12660610-12660657	exon=> In CDS Exon 7 of transcript AGAP001936-PB;exon=> In CDS Exon 7 of transcript AGAP001936-PA
JHU_Ag_46104	FQSFDYADKK	AGAP001936-PB,AGAP001936-PA	-	45	0.000444569	2	1248.591	1.23	Head	2R:+:12661565-12661594;2R:+:12661565-12661594	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_49281	LNEILYPLYDEKR	AGAP001936-PB,AGAP001936-PA	-	61	9.25E-06	1	1665.889	2.78	Head	2R:+:12660574-12660612;2R:+:12660574-12660612	exon=> In CDS Exon 7 of transcript AGAP001936-PB;exon=> In CDS Exon 7 of transcript AGAP001936-PA
JHU_Ag_50867	YCDEILGDLLLKEPIPDYPLEPGAVLPPPSLLK	AGAP001936-PB,AGAP001936-PA	C2(Carbamidomethyl)	65	6.00E-07	1	3674.989	6.61	Head	2R:+:12661166-12661264;2R:+:12661166-12661264	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_57336	DNNELEPNCMFK	AGAP001936-PB,AGAP001936-PA	C9(Carbamidomethyl), M10(Oxidation)	75	1.20E-07	1	1526.626	0.38	Head	2R:+:12651633-12651668;2R:+:12651633-12651668	exon=> In CDS Exon 1 of transcript AGAP001936-PB;exon=> In CDS Exon 1 of transcript AGAP001936-PA
JHU_Ag_57447	LVYQILSDLGLPSGKNDVIEK	AGAP001936-PB,AGAP001936-PA	-	116	8.08E-12	1	2301.279	3.78	Head	2R:+:12660269-12660331;2R:+:12660269-12660331	exon=> In CDS Exon 6 of transcript AGAP001936-PB;exon=> In CDS Exon 6 of transcript AGAP001936-PA
JHU_Ag_59975	YCDEILGDLLLK	AGAP001936-PB,AGAP001936-PA	C2(Carbamidomethyl)	54	6.11E-05	2	1451.750	3.66	Head	2R:+:12661166-12661201;2R:+:12661166-12661201	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_60142	ISVETSKEVANDK	AGAP001936-PB,AGAP001936-PA	-	118	2.87E-11	1	1419.734	0.75	Head	2R:+:12662888-12662926;2R:+:12662888-12662926	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_60244	DVIYALR	AGAP001936-PB,AGAP001936-PA	-	36	0.001971831	1	849.485	2.37	Head	2R:+:12661058-12661078;2R:+:12661058-12661078	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_61433	FEYNGNCGYLLKPDFMR	AGAP001936-PB,AGAP001936-PA	C7(Carbamidomethyl), M16(Oxidation)	91	7.48E-09	1	2139.965	1.03	Head	2R:+:12661829-12661879;2R:+:12661829-12661879	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_68127	SLTICSGTDYININYQHVVCPDAATAK	AGAP001936-PB,AGAP001936-PA	C5(Carbamidomethyl), C20(Carbamidomethyl)	112	9.19E-11	1	3011.426	0.88	Head	2R:+:12654226-12654306;2R:+:12654226-12654306	exon=> In CDS Exon 3 of transcript AGAP001936-PB;exon=> In CDS Exon 3 of transcript AGAP001936-PA
JHU_Ag_68381	GEDEEPIITHGMAMCTDILFK	AGAP001936-PB,AGAP001936-PA	M12(Oxidation), M14(Oxidation), C15(Carbamidomethyl)	52	5.34E-05	1	2439.093	2.28	Head	2R:+:12660995-12661057;2R:+:12660995-12661057	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_69543	NDIEELFR	AGAP001936-PB,AGAP001936-PA	-	52	0.000102164	1	1035.512	1.31	Head	2R:+:12660386-12660409;2R:+:12660386-12660409	exon=> In CDS Exon 6 of transcript AGAP001936-PB;exon=> In CDS Exon 6 of transcript AGAP001936-PA
JHU_Ag_70642	FGVYDENGK	AGAP001936-PB,AGAP001936-PA	-	29	0.008676369	2	1028.468	-0.2	Head	2R:+:12662150-12662176;2R:+:12662150-12662176	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_72247	LYNQLCNK	AGAP001936-PB,AGAP001936-PA	C6(Carbamidomethyl)	37	0.002345713	1	1052.520	0.51	Head	2R:+:12654178-12654201;2R:+:12654178-12654201	exon=> In CDS Exon 3 of transcript AGAP001936-PB;exon=> In CDS Exon 3 of transcript AGAP001936-PA
JHU_Ag_72430	VGTYVEVDMYGLPSDTVR	AGAP001936-PB,AGAP001936-PA	M9(Oxidation)	70	1.52E-06	2	2016.957	-0.7	Head	2R:+:12661988-12662041;2R:+:12661988-12662041	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA

JHU_Ag_76832	EGDVIELCQVSDIR	AGAP001936-PB,AGAP001936-PA	C8(Carbamidomethyl)	78	2.51E-07	1	1632.796	3.81	Head	2R:+:12651831-12651872;2R:+:12651831-12651872	exon=> In CDS Exon 2 of transcript AGAP001936-PB;exon=> In CDS Exon 2 of transcript AGAP001936-PA
JHU_Ag_80989	SQAIEFVNYNKR	AGAP001936-PB,AGAP001936-PA	-	87	2.92E-08	1	1468.756	1.06	Head	2R:+:12661652-12661687;2R:+:12661652-12661687	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_81348	ILPLDGLQGGYR	AGAP001936-PB,AGAP001936-PA	-	99	1.52E-09	1	1301.725	2.98	Head	2R:+:12662192-12662227;2R:+:12662192-12662227	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_82127	MVPANGLNPVYNEEPFLFR	AGAP001936-PB,AGAP001936-PA	M1(Oxidation)	118	2.40E-11	1	2207.094	-0.88	Head	2R:+:12662060-12662116;2R:+:12662060-12662116	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_83293	LDIYMDMDQPLSHYYINSSHNTYLSGR	AGAP001936-PB,AGAP001936-PA	M5(Oxidation), M7(Oxidation)	105	2.74E-10	1	3265.447	-2.97	Head	2R:+:12660824-12660904;2R:+:12660824-12660904	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_85264	ALEIITTYEQNDEAR	AGAP001936-PB,AGAP001936-PA	-	115	5.93E-11	2	1765.867	3.62	Head	2R:+:12660613-12660657;2R:+:12660613-12660657	exon=> In CDS Exon 7 of transcript AGAP001936-PB;exon=> In CDS Exon 7 of transcript AGAP001936-PA
JHU_Ag_88850	LIQEQNAQWTEMAER	AGAP001936-PB,AGAP001936-PA	M12(Oxidation)	122	1.14E-11	1	1846.879	2.17	Head	2R:+:12662687-12662731;2R:+:12662687-12662731	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_88904	HGENVEEK	AGAP001936-PB,AGAP001936-PA	-	46	0.000172137	1	941.429	-3.92	Head	2R:+:12654202-12654225;2R:+:12654202-12654225	exon=> In CDS Exon 3 of transcript AGAP001936-PB;exon=> In CDS Exon 3 of transcript AGAP001936-PA
JHU_Ag_91118	QQLADQQDILRK	AGAP001936-PB,AGAP001936-PA	-	45	0.000329816	2	1455.795	2.23	Head	2R:+:12662762-12662797;2R:+:12662762-12662797	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_100043	SFDPFADAPVDGVIAASCAVQVIAGQFLSDKK	AGAP001936-PB,AGAP001936-PA	C18(Carbamidomethyl)	78	2.04E-07	1	3323.662	0.04	Head	2R:+:12661892-12661987;2R:+:12661892-12661987	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_102128	VVLPDLAVLR	AGAP001936-PB,AGAP001936-PA	-	57	1.96E-06	2	1094.693	-0.66	Head	2R:+:12662120-12662149;2R:+:12662120-12662149	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_102868	EPIPDYPLEPGAVLPPPSLLK	AGAP001936-PB,AGAP001936-PA	-	78	6.04E-08	1	2242.238	0.46	Head	2R:+:12661202-12661264;2R:+:12661202-12661264	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_108655	QLEELANDVQK	AGAP001936-PB,AGAP001936-PA	-	71	9.99E-07	1	1286.661	1.62	Head	2R:+:12663164-12663196;2R:+:12663164-12663196	exon=> In CDS Exon 9 of transcript AGAP001936-PB;exon=> In CDS Exon 9 of transcript AGAP001936-PA
JHU_Ag_112196	VTEPPLVFDPITVDSLR	AGAP001936-PB,AGAP001936-PA	-	104	2.84E-10	1	1898.030	1.3	Head	2R:+:12662462-12662512;2R:+:12662462-12662512	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_114533	DTAFVTSDYPVILSFENHCCK	AGAP001936-PB,AGAP001936-PA	C19(Carbamidomethyl), C20(Carbamidomethyl)	110	1.08E-10	2	2503.135	3.35	Head	2R:+:12661079-12661141;2R:+:12661079-12661141	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_115464	NVHHNMSSFAETTGMNLLK	AGAP001936-PB,AGAP001936-PA	M6(Oxidation), M15(Oxidation),M6(Oxidation)	119	1.95E-11	1	2162.996	0.3	Head	2R:+:12661595-12661651;2R:+:12661595-12661651	exon=> In CDS Exon 8 of transcript AGAP001936-PB;exon=> In CDS Exon 8 of transcript AGAP001936-PA
JHU_Ag_7890	YVLVSSLPVEDRLEFIR	AGAP001938-PA	-	41	0.000392655	1	2035.125	1.2	Midgut	2R:+:12673808-12673858	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_34959	FQHDALPPLVDFGEWDDTVYGGGNYEFRPDGTVR	AGAP001938-PA	-	109	1.29E-10	1	3869.791	1.93	Ovary	2R:+:12673505-12673606	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_49254	YVLVSSLPVEDRLEFIR	AGAP001938-PA	-	52	2.57E-05	1	2035.134	5.7	Malpighian tubule	2R:+:12673808-12673858	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_62860	EGLPLDLHQHFGIVHSDGISADR	AGAP001938-PA	-	104	5.46E-10	1	2513.269	6.19	Ovary	2R:+:12673346-12673414	exon=> In CDS Exon 2 of transcript AGAP001938-PA

JHU_Ag_69968	LFSDAAIDAAVDQLAK	AGAP001938-PA	-	96	3.84E-09	2	1647.861	0.97	Midgut	2R:+:12673454-12673501	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_86619	KKPAASPQPSPSTKPK	AGAP001938-PA	-	35	0.000952894	1	1648.939	0.66	Malpighian tubule	2R:+:12671860-12671907	exon=> In CDS Exon 1 of transcript AGAP001938-PA
JHU_Ag_101540	YVLVSSLPVEDRLEFIR	AGAP001938-PA	-	47	9.80E-05	1	2035.124	0.93	Ovary	2R:+:12673808-12673858	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_103999	AYYAGLLSR	AGAP001938-PA	-	60	8.93E-06	2	1013.542	0.61	Salivary gland	2R:+:12672695-12672721	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_105859	LFSDAAIDAAVDQLAK	AGAP001938-PA	-	61	1.00E-05	2	1647.863	2.38	Salivary gland	2R:+:12673454-12673501	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_113358	HVRFHIK	AGAP001938-PA	-	29	0.004712 95	1	936.540	-13.23	Head	2R:+:12672188-12672208	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_113499	LFSDAAIDAAVDQLAK	AGAP001938-PA	-	114	5.31E-11	2	1647.861	1.49	Ovary	2R:+:12673454-12673501	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_115658	VSSENLRQDELAGPPIVDVVLEAGDLLY FPR	AGAP001938-PA	-	76	1.25E-07	3	3411.787	2.15	Malpighian tubule	2R:+:12673103-12673195	exon=> In CDS Exon 2 of transcript AGAP001938-PA
JHU_Ag_3371	NYIIGVLPDPER	AGAP001939-PA	-	62	8.23E-06	2	1385.744	0.85	Visceras	2R:-:12678098-12678063	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_4874	FAIVQLQLVAGNRK	AGAP001939-PA	-	33	0.001040 331	1	1556.927	-0.3	Salivary gland	2R:-:12678719-12678678	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_5713	FAIVQLQLVAGNR	AGAP001939-PA	-	58	5.36E-06	2	1428.835	2.03	Ovary	2R:-:12678719-12678681	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_6164	LANAHPDLEFQSLLVR	AGAP001939-PA	-	65	2.08E-06	1	1822.994	6.88	Malpighian tubule	2R:-:12678875-12678828	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_9454	AAIETLESLGEAR	AGAP001939-PA	-	91	1.27E-08	1	1359.715	2.22	Male reproductive organs	2R:-:12678677-12678639	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_10802	FDECFELYR	AGAP001939-PA	C4(Carbamidomethyl)	74	1.98E-07	2	1278.547	0.82	Ovary	2R:-:12679496-12679470	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_13728	LLAQLVIAYAQFDPKR	AGAP001939-PA	-	48	3.58E-05	1	1846.061	1.13	Salivary gland	2R:-:12678392-12678345	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_20147	TNDAALTAVVSNNLVVINR	AGAP001939-PA	-	55	1.93E-05	2	1984.084	1.01	Ovary	2R:-:12679091-12679035	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_25845	ELLAQILYR	AGAP001939-PA	-	54	2.23E-05	2	1118.658	0.91	Salivary gland	2R:-:12679532-12679506	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_28517	TIQAVAPGGGGGADQWAGLAPNLK	AGAP001939-PA	-	94	4.39E-09	2	2249.167	-0.18	Salivary gland	2R:-:12679604-12679533	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_29922	SATISDSDLSDMWR	AGAP001939-PA	M12(Oxidation)	97	1.58E-09	1	1599.697	0.84	Salivary gland	2R:-:12678527-12678486	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_32016	AAIETLESLGEAR	AGAP001939-PA	-	100	1.68E-09	1	1359.720	6.35	Malpighian tubule	2R:-:12678677-12678639	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_32559	GSQGTASGQADQFDMSK	AGAP001939-PA	M15(Oxidation)	118	6.52E-12	1	1730.730	0.69	Salivary gland	2R:-:12677993-12679783,12677694-12677835	exon=> In CDS Exon 3 and 2 of transcript AGAP001939-PA
JHU_Ag_35919	YCSSADYDK	AGAP001939-PA	C2(Carbamidomethyl)	34	0.000399 248	2	1108.424	-0.63	Salivary gland	2R:-:12679908-12679882	exon=> In CDS Exon 1 of transcript AGAP001939-PA
JHU_Ag_36997	EAVELLEAYAQR	AGAP001939-PA	-	59	1.84E-05	2	1391.725	5.89	Head	2R:-:12678794-12678759	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_37543	GSQGTASGQADQFDMSK	AGAP001939-PA	M15(Oxidation)	115	1.64E-11	2	1730.737	4.5	Malpighian tubule	2R:-:12677993-12679783,12677694-12677835	exon=> In CDS Exon 3 and 2 of transcript AGAP001939-PA
JHU_Ag_38328	IIGLDATEWK	AGAP001939-PA	-	58	2.42E-05	2	1145.623	2.45	Malpighian tubule	2R:-:12679860-12679968,12677956-12679755	exon=> In CDS Exon 2 and 1 of transcript AGAP001939-PA
JHU_Ag_38736	AAIETLESLGEAR	AGAP001939-PA	-	95	4.28E-09	2	1359.715	2.58	Salivary gland	2R:-:12678677-12678639	exon=> In CDS Exon 2 of transcript AGAP001939-PA

JHU_Ag_41325	FAIVQLQLVAGNR	AGAP001939-PA	-	90	3.83E-09	2	1428.832	-0.45	Salivary gland	2R:-:12678719-12678681	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_42225	IIGLDATEWK	AGAP001939-PA	-	71	1.39E-06	2	1145.621	0.43	Salivary gland	2R:-:12679860-12679968,12677956-12679755	exon=> In CDS Exon 2 and 1 of transcript AGAP001939-PA
JHU_Ag_49413	NYIIGVLPDPER	AGAP001939-PA	-	39	0.001638173	2	1385.743	0.32	Ovary	2R:-:12678098-12678063	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_54013	NSPATPGSGGVTQLEQNAAAAAATR	AGAP001939-PA	-	89	2.01E-08	2	2340.156	1	Salivary gland	2R:-:12677816-12677742	exon=> In CDS Exon 3 of transcript AGAP001939-PA
JHU_Ag_54632	YREAVELLEAYAQR	AGAP001939-PA	-	91	1.03E-08	2	1710.884	1.93	Salivary gland	2R:-:12678800-12678759	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_54980	LANAHPDLEFQSLLVR	AGAP001939-PA	-	66	2.04E-06	1	1822.981	-0.05	Salivary gland	2R:-:12678875-12678828	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_61065	NYIIGVLPDPERWLPR	AGAP001939-PA	-	40	0.000467185	1	1938.074	7.46	Malpighian tubule	2R:-:12678098-12678051	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_61170	KAAIETLESLGEAR	AGAP001939-PA	-	102	8.04E-10	2	1487.808	0.96	Salivary gland	2R:-:12678680-12678639	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_64694	SATISDSDLSDMWR	AGAP001939-PA	M12(Oxidation)	93	4.17E-09	1	1583.701	0.33	Ovary	2R:-:12678527-12678486	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_65379	EASALYADALR	AGAP001939-PA	-	84	5.35E-08	2	1179.599	-1.22	Salivary gland	2R:-:12679130-12679098	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_70319	FDECFELYR	AGAP001939-PA	C4(Carbamidomethyl)	69	5.97E-07	1	1278.546	0.34	Salivary gland	2R:-:12679496-12679470	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_71444	LANAHPDLEFQSLLVR	AGAP001939-PA	-	67	1.64E-06	1	1822.982	0.45	Ovary	2R:-:12678875-12678828	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_73139	EAVELLEAYAQR	AGAP001939-PA	-	97	3.12E-09	2	1391.719	1.42	Salivary gland	2R:-:12678794-12678759	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_75714	EAVELLEAYAQR	AGAP001939-PA	-	79	1.67E-07	2	1391.716	-0.6	Male reproductive organs	2R:-:12678794-12678759	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_76723	LANAHPDLEFQSLLVR	AGAP001939-PA	-	71	7.58E-07	1	1822.981	-0.26	Male reproductive organs	2R:-:12678875-12678828	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_78707	QQSAAATNLPEDTYELTYNAACALAGRR	AGAP001939-PA	C22(Carbamidomethyl)	69	1.82E-06	1	3055.477	7.47	Malpighian tubule	2R:-:12679370-12679287	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_82819	VATSEQADQKLTSR	AGAP001939-PA	-	124	5.73E-12	1	1533.791	2.94	Malpighian tubule	2R:-:12678998-12678957	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_85052	AAIETLESLGEAR	AGAP001939-PA	-	92	9.83E-09	2	1359.713	1.23	Ovary	2R:-:12678677-12678639	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_85373	TNDAALTAVVSNNLVVINR	AGAP001939-PA	-	52	3.71E-05	2	1984.086	1.75	Salivary gland	2R:-:12679091-12679035	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_86546	NSPATPGSGGVTQLEQNAAAAAATR	AGAP001939-PA	-	108	2.46E-10	2	2340.166	5.07	Malpighian tubule	2R:-:12677816-12677742	exon=> In CDS Exon 3 of transcript AGAP001939-PA
JHU_Ag_87655	SLEELLR	AGAP001939-PA	-	38	0.002931096	2	859.488	-0.3	Visceras	2R:-:12678434-12678414	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_88376	LLAQLVIAYAQFDPK	AGAP001939-PA	-	48	5.29E-05	2	1689.964	3.95	Salivary gland	2R:-:12678392-12678348	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_91040	VQLAYCLQMQGR	AGAP001939-PA	C6(Carbamidomethyl), M9(Oxidation)	72	9.23E-07	1	1482.721	1.18	Salivary gland	2R:-:12679172-12679137	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_92439	NTHDDYDDERR	AGAP001939-PA	-	74	9.21E-08	1	1435.589	3.81	Ovary	2R:-:12679457-12679425	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_92683	VATSEQADQK	AGAP001939-PA	-	64	6.67E-06	2	1076.522	-0.33	Salivary gland	2R:-:12678998-12678969	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_93789	LLAQLVIAYAQFDPK	AGAP001939-PA	-	33	0.001594094	3	1689.960	1.48	Ovary	2R:-:12678392-12678348	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_94645	TTELLQVR	AGAP001939-PA	-	54	6.44E-05	2	959.552	0.11	Salivary gland	2R:-:12678743-12678720	exon=> In CDS Exon 2 of transcript AGAP001939-PA

JHU_Ag_94876	SATISDSDLSDMWR	AGAP001939-PA	M12(Oxidation)	55	3.16E-05	2	1599.705	6.18	Malpighian tubule	2R:-:12678527-12678486	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_99931	YQPGVVSALVTLHLGLDNKQAASEILK	AGAP001939-PA	-	33	0.000874487	1	2864.604	5.38	Malpighian tubule	2R:-:12678638-12678558	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_100580	AAIETLESLGEAR	AGAP001939-PA	-	99	1.75E-09	2	1359.713	1.23	Head	2R:-:12678677-12678639	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_103215	EAVELLEAYAQR	AGAP001939-PA	-	72	1.04E-06	2	1391.716	-0.78	Ovary	2R:-:12678794-12678759	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_103520	DQNVFDSR	AGAP001939-PA	-	49	0.000145893	2	980.443	0.17	Salivary gland	2R:-:12679034-12679011	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_108326	QAASEILK	AGAP001939-PA	-	55	6.38E-05	2	859.488	-0.08	Salivary gland	2R:-:12678581-12678558	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_109934	NYIIGVLPDPER	AGAP001939-PA	-	37	0.002424435	2	1385.747	3.67	Head	2R:-:12678098-12678063	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_114643	VKEASALYADALR	AGAP001939-PA	-	53	6.18E-05	1	1406.763	-0.72	Salivary gland	2R:-:12679136-12679098	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_115364	LVCLIQNGKFEEAIK	AGAP001939-PA	C3(Carbamidomethyl), N7(Deamidated)	50	9.25E-05	1	1762.941	-0.09	Salivary gland	2R:-:12679739-12679695	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_115541	LANAHPDLEFQSLLVR	AGAP001939-PA	-	67	1.74E-06	1	1822.982	0.75	Visceras	2R:-:12678875-12678828	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_115909	FAIVQLQLVAGNRK	AGAP001939-PA	-	32	0.000933529	1	1556.934	4.52	Malpighian tubule	2R:-:12678719-12678678	exon=> In CDS Exon 2 of transcript AGAP001939-PA
JHU_Ag_7858	LLLNSLDLIEQDVR	AGAP001940-PA	-	88	7.55E-09	2	1640.926	2.65	Head	2R:+:12680283-12680324	exon=> In CDS Exon 1 of transcript AGAP001940-PA
JHU_Ag_26400	GPNAVSAVQLPTEDYKPFQALATVQVEEAVEDDADPIQHR	AGAP001940-PA	-	103	3.55E-10	1	4348.165	6.48	Malpighian tubule	2R:+:12680394-12680513	exon=> In CDS Exon 1 of transcript AGAP001940-PA
JHU_Ag_108806	LLLNSLDLIEQDVR	AGAP001940-PA	-	67	9.57E-07	1	1640.927	3.03	Malpighian tubule	2R:+:12680283-12680324	exon=> In CDS Exon 1 of transcript AGAP001940-PA
JHU_Ag_553	IIGAGVNYK	AGAP001942-PA	-	45	0.000275096	1	934.536	-0.04	Midgut	2R:-:12683672-12683711,12682524-12683145	exon=> In CDS Exon 2 and 1 of transcript AGAP001942-PA
JHU_Ag_16254	LTNSPKPDAPVIFFKPISSLLDAGSGSTGSTGTPPTIR	AGAP001942-PA	-	90	5.03E-09	1	3827.006	-4.45	Male reproductive organs	2R:-:12683132-12683019	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_19652	ADLPNPDDVR	AGAP001942-PA	-	43	0.000643541	2	1111.537	-0.77	Male reproductive organs	2R:-:12682784-12682755	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_23311	GFDTSTPVSALVQR	AGAP001942-PA	-	41	0.00113935	2	1477.765	0.39	Visceras	2R:-:12682826-12682785	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_39578	LTNSPKPDAPVIFFKPISSLLDAGSGSTGSTGTPPTIR	AGAP001942-PA	-	67	9.14E-07	1	3827.025	0.54	Malpighian tubule	2R:-:12683132-12683019	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_41275	GFDTSTPVSALVQR	AGAP001942-PA	-	46	0.000362672	2	1477.768	1.96	Salivary gland	2R:-:12682826-12682785	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_46351	VWCEVNGVR	AGAP001942-PA	C3(Carbamidomethyl), N6(Deamidated)	49	0.000145687	2	1119.522	-2.52	Midgut	2R:-:12682754-12682728	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_49378	GFDTSTPVSALVQR	AGAP001942-PA	-	68	2.53E-06	2	1477.769	3.04	Male reproductive organs	2R:-:12682826-12682785	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_51498	LTNSPKPDAPVIFFKPISSLLDAGSGSTGSTGTPPTIR	AGAP001942-PA	-	40	0.000300131	1	3827.043	5.22	Head	2R:-:12683132-12683019	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_58401	GFDTSTPVSALVQR	AGAP001942-PA	-	70	1.57E-06	2	1477.760	-2.83	Midgut	2R:-:12682826-12682785	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_59111	LTNSPKPDAPVIFFKPISSLLDAGSGSTGSTGTPPTIR	AGAP001942-PA	-	84	1.78E-08	1	3827.027	1.2	Midgut	2R:-:12683132-12683019	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_59593	ADLPNPDDVR	AGAP001942-PA	-	55	3.61E-05	2	1111.537	-0.44	Midgut	2R:-:12682784-12682755	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_62312	GFDTSTPVSALVQR	AGAP001942-PA	-	72	9.13E-07	2	1477.765	0.39	Head	2R:-:12682826-12682785	exon=> In CDS Exon 2 of transcript AGAP001942-PA

JHU_Ag_67444	IIGAGVNYKEILR	AGAP001942-PA	-	66	6.09E-07	1	1445.848	0.03	Malpighian tubule	2R:-:12683672-12683711,12682524-12683133	exon=> In CDS Exon 2 and 1 of transcript AGAP001942-PA
JHU_Ag_72220	NLIFPIAELIAYVSR	AGAP001942-PA	-	76	4.63E-08	2	1718.990	3.2	Visceras	2R:-:12682706-12682662	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_72521	GFDTSTPVSALVQR	AGAP001942-PA	-	83	7.30E-08	1	1477.770	3.45	Malpighian tubule	2R:-:12682826-12682785	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_74415	HGDVIVCGLGEDLMTMR	AGAP001942-PA	C7(Carbamidomethyl), M14(Oxidation), M16(Oxidation)	49	0.000149736	2	1934.875	-1.26	Midgut	2R:-:12682595-12682545	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_79140	LTNSPKPDAPVIFFKPISSLLDAGSGSTGSTGTPPTIR	AGAP001942-PA	-	89	4.54E-09	1	3827.035	3.11	Visceras	2R:-:12683132-12683019	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_89808	NLIFPIAELIAYVSR	AGAP001942-PA	-	110	2.63E-11	2	1718.983	-0.35	Midgut	2R:-:12682706-12682662	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_95531	GFDTSTPVSALVQR	AGAP001942-PA	-	71	1.33E-06	1	1477.767	1.8	Pupa	2R:-:12682826-12682785	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_113191	FMTLEENDLLLTGTPAGAGPVR	AGAP001942-PA	-	42	0.000757464	2	2302.185	4.33	Pupa	2R:-:12682661-12682596	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_114207	FMTLEENDLLLTGTPAGAGPVR	AGAP001942-PA	M2(Oxidation)	96	3.09E-09	2	2318.176	2.7	Midgut	2R:-:12682661-12682596	exon=> In CDS Exon 2 of transcript AGAP001942-PA
JHU_Ag_19319	ESRPLANKPR	AGAP001943-PA	-	51	4.63E-05	1	1167.662	2.19	Malpighian tubule	2R:-:12688243-12688214	exon=> In CDS Exon 2 of transcript AGAP001943-PA
JHU_Ag_31177	SRIVVDDVQTVISSADPVCPVGYLNFTK	AGAP001943-PA	C19(Carbamidomethyl)	35	0.002656851	1	3079.594	5.67	Malpighian tubule	2R:-:12688831-12688748	exon=> In CDS Exon 2 of transcript AGAP001943-PA
JHU_Ag_41679	VCVECPLPADCAVVLEAVAFNPVSSASELEHKR	AGAP001943-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C11(Carbamidomethyl)	67	1.63E-06	1	3653.800	6.42	Malpighian tubule	2R:-:12687812-12687812,12686200-12686272	exon=> In CDS Exon 5 and 4 of transcript AGAP001943-PA
JHU_Ag_50626	LTELTDDYLHHHSQLAQR	AGAP001943-PA	-	56	3.56E-05	1	2177.074	0.34	Head	2R:-:12685586-12685533	exon=> In CDS Exon 7 of transcript AGAP001943-PA
JHU_Ag_69177	LTELTDDYLHHHSQLAQR	AGAP001943-PA	-	75	4.70E-07	1	2177.089	7.23	Malpighian tubule	2R:-:12685586-12685533	exon=> In CDS Exon 7 of transcript AGAP001943-PA
JHU_Ag_84213	DRDELDSYMYQTVGHQGIEK	AGAP001943-PA	M9(Oxidation)	103	5.01E-10	1	2400.072	-2.32	Head	2R:-:12689910-12689851	exon=> In CDS Exon 1 of transcript AGAP001943-PA
JHU_Ag_92124	LLQAYPGLLGTSPSSPSAASNSDEPAGTGDEDQIVRPHATR	AGAP001943-PA	-	104	3.06E-10	1	4163.075	11.31	Malpighian tubule	2R:-:12685484-12685362	exon=> In CDS Exon 7 of transcript AGAP001943-PA
JHU_Ag_104474	RTANAIIDYIVVPALPR	AGAP001943-PA	-	31	0.001205289	1	1882.099	4.44	Malpighian tubule	2R:-:12685900-12685850	exon=> In CDS Exon 6 of transcript AGAP001943-PA
JHU_Ag_114612	TANAIIDYIVVPALPR	AGAP001943-PA	-	43	0.000167679	1	1725.991	0.94	Malpighian tubule	2R:-:12685897-12685850	exon=> In CDS Exon 6 of transcript AGAP001943-PA
JHU_Ag_10386	TVTGTAAGVTSYVAGK	AGAP001945-PA	-	91	7.40E-09	2	1482.782	1.51	Malpighian tubule	2R:-:12721989-12721942	exon=> In CDS Exon 1 of transcript AGAP001945-PA
JHU_Ag_12170	IVPAAVLYPDLAGLAK	AGAP001945-PA	-	48	2.74E-05	1	1610.954	1.45	Visceras	2R:-:12721440-12721393	exon=> In CDS Exon 1 of transcript AGAP001945-PA
JHU_Ag_13507	TEYGAFILPDLGADSER	AGAP001945-PA	-	35	0.004971847	2	1853.903	6.38	Head	2R:-:12722409-12722359	exon=> In CDS Exon 1 of transcript AGAP001945-PA
JHU_Ag_72081	SASILGQSLSTSTVQIVEHR	AGAP001945-PA	-	62	4.07E-06	1	2113.132	3.26	Head	2R:-:12721755-12721696	exon=> In CDS Exon 1 of transcript AGAP001945-PA
JHU_Ag_79033	DMSDAATADESDADR	AGAP001945-PA	M2(Oxidation)	98	8.26E-11	2	1585.594	1.24	Head	2R:-:12722826-12722782	exon=> In CDS Exon 1 of transcript AGAP001945-PA
JHU_Ag_85853	TGQLIATGTPYVISK	AGAP001945-PA	-	46	0.000129005	2	1548.867	2.42	Visceras	2R:-:12722139-12722095	exon=> In CDS Exon 1 of transcript AGAP001945-PA
JHU_Ag_18578	AIKPTGTKLK	AGAP001949-PA	-	19	0.008890237	1	1056.693	14.83	Malpighian tubule	2R:-:12769699-12769670	exon=> In CDS Exon 3 of transcript AGAP001949-PA
JHU_Ag_60493	AIKPTGTKLK	AGAP001949-PA	-	22	0.003943786	2	1056.693	14.14	Malpighian tubule	2R:-:12769699-12769670	exon=> In CDS Exon 3 of transcript AGAP001949-PA

JHU_Ag_116013	EIQLSCDSKSLLR	AGAP001949-PA	C6(Carbamidomethyl)	38	0.001942771	1	1548.828	14.91	Midgut	2R:-:12774050-12774012	exon=> In CDS Exon 1 of transcript AGAP001949-PA
JHU_Ag_2683	IGIASQALGIAQASLECAVDYANKR	AGAP001951-PA	C17(Carbamidomethyl), N23(Deamidated)	37	0.001762893	3	2620.368	10.58	Visceras	2R:-:12779432-12779358	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_10704	ITEIYEGTSEIQR	AGAP001951-PA	-	84	6.49E-08	1	1538.764	-3.67	Pupa	2R:-:12779090-12779052	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_14199	VGCFALSEPGNGSDAGAASTTATLK	AGAP001951-PA	C3(Carbamidomethyl)	57	3.02E-05	2	2382.130	2.36	Visceras	2R:-:12779804-12779730	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_14442	LVIAGAVIK	AGAP001951-PA	-	24	0.002292782	1	883.599	2.15	Malpighian tubule	2R:-:12779051-12779025	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_24210	IGIASQALGIAQASLECAVDYANKR	AGAP001951-PA	C17(Carbamidomethyl)	91	8.26E-09	1	2619.357	0.38	Salivary gland	2R:-:12779432-12779358	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_24519	ITEIYEGTSEIQR	AGAP001951-PA	-	85	5.19E-08	2	1538.773	2.44	Salivary gland	2R:-:12779090-12779052	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_26252	VGCFALSEPGNGSDAGAASTTATLK	AGAP001951-PA	C3(Carbamidomethyl),"C3 (Carbamidomethyl), N11(Deamidated)"	132	9.56E-13	2	2382.129	1.95	Head	2R:-:12779804-12779730	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_27551	GISAFIVPK	AGAP001951-PA	-	45	0.000113135	2	931.562	1.27	Malpighian tubule	2R:-:12779624-12779598	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_31198	IGIASQALGIAQASLECAVDYANKR	AGAP001951-PA	C17(Carbamidomethyl)	54	3.91E-05	1	2619.361	1.85	Malpighian tubule	2R:-:12779432-12779358	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_32366	ENLLGEPGFGFK	AGAP001951-PA	-	42	0.001065159	2	1307.663	-0.44	Male reproductive organs	2R:-:12779498-12779463	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_32563	IGIASQALGIAQASLECAVDYANKR	AGAP001951-PA	C17(Carbamidomethyl)	164	4.50E-16	1	2619.355	-0.39	Ovary	2R:-:12779432-12779358	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_36854	IAMQTLDAGR	AGAP001951-PA	-	44	0.000607575	2	1075.556	-0.19	Midgut	2R:-:12779462-12779433	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_40178	IADMATRLEAAR	AGAP001951-PA	-	44	0.000740311	1	1317.696	1.54	Malpighian tubule	2R:-:12779309-12779274	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_40831	LVIAGAVIK	AGAP001951-PA	-	27	0.002282405	2	883.596	-1.58	Ovary	2R:-:12779051-12779025	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_46414	IAMQTLDAGR	AGAP001951-PA	M3(Oxidation)	71	1.38E-06	2	1091.551	0	Malpighian tubule	2R:-:12779462-12779433	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_48974	LVIAGAVIKELTA	AGAP001951-PA	-	29	0.001618755	2	1297.814	4.02	Malpighian tubule	2R:-:12779051-12779013	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_49068	LVIAGAVIK	AGAP001951-PA	-	47	1.04E-05	2	883.598	0.7	Visceras	2R:-:12779051-12779025	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_55261	ITEIYEGTSEIQR	AGAP001951-PA	-	83	8.16E-08	2	1538.770	0.46	Ovary	2R:-:12779090-12779052	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_56663	LVIAGAVIK	AGAP001951-PA	-	30	0.000574596	2	883.598	0.7	Male reproductive organs	2R:-:12779051-12779025	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_58739	GISAFIVPK	AGAP001951-PA	-	47	7.87E-05	2	931.560	-1.29	Ovary	2R:-:12779624-12779598	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_61005	FDREHLYPAEQIR	AGAP001951-PA	-	57	3.21E-05	1	1673.839	-0.28	Midgut	2R:-:12780071-12780033	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_63834	GISAFIVPK	AGAP001951-PA	-	59	5.53E-06	2	931.562	0.88	Pupa	2R:-:12779624-12779598	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_69525	GISAFIVPKETPGFSLGK	AGAP001951-PA	-	43	0.000225667	1	1848.037	5.67	Malpighian tubule	2R:-:12779624-12779571	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_76061	IGIASQALGIAQASLECAVDYANKR	AGAP001951-PA	C17(Carbamidomethyl)	98	1.33E-09	1	2619.367	4.01	Head	2R:-:12779432-12779358	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_78687	LVIAGAVIK	AGAP001951-PA	-	41	4.31E-05	2	883.598	0.5	Midgut	2R:-:12779051-12779025	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_83034	FDREHLYPAEQIR	AGAP001951-PA	-	62	9.51E-06	1	1673.847	4.25	Ovary	2R:-:12780071-12780033	exon=> In CDS Exon 2 of transcript AGAP001951-PA

JHU_Ag_83619	IGIASQALGIAQASLECAVDYANKR	AGAP001951-PA	C17(Carbamidomethyl)	53	4.45E-05	1	2619.357	0.24	Midgut	2R:-:12779432-12779358	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_83881	ITEIYEGTSEIQR	AGAP001951-PA	-	111	1.32E-10	1	1538.770	0.46	Male reproductive organs	2R:-:12779090-12779052	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_85125	EHLYPAEQIR	AGAP001951-PA	-	39	0.001826461	1	1255.639	-3.3	Head	2R:-:12780062-12780033	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_85680	FDREHLYPAEQIR	AGAP001951-PA	-	39	0.002013259	1	1673.842	1.33	Male reproductive organs	2R:-:12780071-12780033	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_92084	ITEIYEGTSEIQR	AGAP001951-PA	-	111	1.13E-10	1	1538.768	-0.81	Midgut	2R:-:12779090-12779052	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_94732	ITEIYEGTSEIQR	AGAP001951-PA	-	99	2.18E-09	1	1538.774	2.76	Head	2R:-:12779090-12779052	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_99447	ENLLGEPGFGFK	AGAP001951-PA	-	33	0.007416048	1	1307.663	0.21	Midgut	2R:-:12779498-12779463	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_107236	FDREHLYPAEQIR	AGAP001951-PA	-	36	0.003468234	1	1673.842	1.58	Malpighian tubule	2R:-:12780071-12780033	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_115131	GISAFIVPK	AGAP001951-PA	-	40	0.000362741	2	931.563	2.45	Male reproductive organs	2R:-:12779624-12779598	exon=> In CDS Exon 2 of transcript AGAP001951-PA
JHU_Ag_955	GLVLGVYADENDRLDIGVLTPTAAK	AGAP001952-PA	-	38	0.000891996	1	2600.407	5.29	Male reproductive organs	2R:-:12782299-12782225	exon=> In CDS Exon 1 of transcript AGAP001952-PA
JHU_Ag_2833	GCQELQQLETSR	AGAP001952-PA	C2(Carbamidomethyl)	84	5.23E-08	2	1448.682	1.17	Malpighian tubule	2R:-:12781932-12781897	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_2898	TLEALTDMRADMTGAACVVAASR	AGAP001952-PA	M8(Oxidation), M12(Oxidation), C17(Carbamidomethyl)	98	2.36E-09	1	2442.152	4.1	Male reproductive organs	2R:-:12781422-12781354	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_4234	TLEALTDMR	AGAP001952-PA	M8(Oxidation)	53	7.82E-05	2	1065.524	-0.65	Male reproductive organs	2R:-:12781422-12781396	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_14828	MQNASIHTGDR	AGAP001952-PA	M1(Oxidation)	64	3.52E-06	2	1245.575	8.34	Male reproductive organs	2R:-:12781053-12781021	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_15337	LPLWNYYTQQICSAEHVDVQNIGK	AGAP001952-PA	C12(Carbamidomethyl)	183	8.15E-18	1	2876.402	-0.47	Male reproductive organs	2R:-:12781011-12780940	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_22163	GSCEPPIFLELSYYGTNTK	AGAP001952-PA	C3(Carbamidomethyl)	125	4.37E-12	1	2176.026	-0.27	Male reproductive organs	2R:-:12781542-12781486	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_23739	ATIESFGK	AGAP001952-PA	-	43	0.000566162	2	852.445	-1.13	Male reproductive organs	2R:-:12781122-12781099	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_27524	LLEMLR	AGAP001952-PA	M4(Oxidation)	42	0.000534066	1	790.448	-1.21	Male reproductive organs	2R:-:12782115-12782098	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_29297	TSNEAPLALVDALLYAEHFGPK	AGAP001952-PA	-	90	8.84E-09	1	2356.235	6.99	Male reproductive organs	2R:-:12781218-12781153	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_29663	AEAQNLAR	AGAP001952-PA	-	50	8.55E-05	2	872.464	6.76	Male reproductive organs	2R:-:12781719-12781696	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_30547	AIAALKLPVNIR	AGAP001952-PA	-	67	6.95E-08	1	1278.829	2.7	Malpighian tubule	2R:-:12781353-12781318	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_31019	TLIEFIAQSVVQCTDSGSGGTK	AGAP001952-PA	C13(Carbamidomethyl)	135	4.39E-13	1	2298.128	-0.23	Male reproductive organs	2R:-:12780786-12780721	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_35448	TKGTDFPYIR	AGAP001952-PA	-	47	0.000205741	1	1197.630	2.83	Male reproductive organs	2R:-:12780843-12780814	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_37788	TLIEFIAQSVVQCTDSGSGGTKTESALSSQQMR	AGAP001952-PA	C13(Carbamidomethyl), M32(Oxidation)	109	1.52E-10	1	3532.698	2.43	Male reproductive organs	2R:-:12780786-12780688	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_40501	VCAAVFTNSEDLWQR	AGAP001952-PA	C2(Carbamidomethyl)	105	5.05E-10	2	1795.853	5.52	Ovary	2R:-:12781098-12781054	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_41106	AIAALKLPVNIR	AGAP001952-PA	N10(Deamidated)	76	8.93E-09	1	1278.830	3.28	Male reproductive organs	2R:-:12781353-12781318	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_50937	IYVEDFGHAESAAEGAHMGLWVNQELR	AGAP001952-PA	M18(Oxidation)	103	6.42E-10	1	3045.415	-0.38	Male reproductive organs	2R:-:12781896-12781816	exon=> In CDS Exon 2 of transcript AGAP001952-PA

JHU_Ag_55154	LPLWNYYTQQICSAEHVDVQNIGKGEGANSCK	AGAP001952-PA	C12(Carbamidomethyl), C31(Carbamidomethyl)	192	8.64E-19	1	3679.726	-0.32	Male reproductive organs	2R:-:12781011-12780916	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_55993	LPVNIR	AGAP001952-PA	-	32	0.000666383	2	711.451	-0.69	Male reproductive organs	2R:-:12781335-12781318	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_58226	GTDFPYIR	AGAP001952-PA	-	41	0.000887156	2	968.483	-0.77	Male reproductive organs	2R:-:12780837-12780814	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_61018	ALIPLCENMLGCNAMKPGDVITVK	AGAP001952-PA	C6(Carbamidomethyl), M9(Oxidation), C12(Carbamidomethyl), M15(Oxidation)	49	0.000184321	1	2676.329	2.28	Male reproductive organs	2R:-:12781317-12781246	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_66481	ADMTGAACVVAASR	AGAP001952-PA	M3(Oxidation), C8(Carbamidomethyl)	99	1.72E-09	2	1395.640	3.37	Male reproductive organs	2R:-:12781395-12781354	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_68334	TESALSSQQMR	AGAP001952-PA	M10(Oxidation)	46	0.000353072	2	1253.590	8.42	Male reproductive organs	2R:-:12780720-12780688	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_68551	VCAAVFTNSEDLWQR	AGAP001952-PA	C2(Carbamidomethyl)	123	7.08E-12	1	1795.844	0.56	Male reproductive organs	2R:-:12781098-12781054	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_69369	GKVAEQCSNPASR	AGAP001952-PA	C7(Carbamidomethyl)	64	6.93E-06	1	1403.687	12.49	Male reproductive organs	2R:-:12782338-12782300	exon=> In CDS Exon 1 of transcript AGAP001952-PA
JHU_Ag_72075	YIVDVSTISK	AGAP001952-PA	-	63	3.93E-06	2	1124.619	-0.65	Male reproductive organs	2R:-:12781152-12781123	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_74165	VRGWAENEEMTSFLTVAK	AGAP001952-PA	M10(Oxidation)	94	6.05E-09	2	2084.012	0.09	Male reproductive organs	2R:-:12781596-12781543	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_76733	LAGPMPK	AGAP001952-PA	M5(Oxidation)	31	0.004460957	1	729.406	12.53	Male reproductive organs	2R:-:12782097-12782077	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_80174	YNESYTSGR	AGAP001952-PA	-	62	3.64E-06	2	1076.472	7.09	Male reproductive organs	2R:-:12782224-12782425,12780685-12782116	exon=> In CDS Exon 2 and 1 of transcript AGAP001952-PA
JHU_Ag_82259	SIEIVK	AGAP001952-PA	-	43	0.000425958	1	688.427	4.71	Male reproductive organs	2R:-:12781236-12781219	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_88196	KFVPQLQLYYEPELPCDSNGWR	AGAP001952-PA	C16(Carbamidomethyl)	65	4.87E-06	1	2739.322	-0.58	Male reproductive organs	2R:-:12781800-12781735	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_88660	WMHIDALNVMK	AGAP001952-PA	M2(Oxidation), M10(Oxidation)	49	0.000177389	1	1389.665	-0.63	Male reproductive organs	2R:-:12780876-12780844	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_90039	GWAENEEMTSFLTVAK	AGAP001952-PA	M8(Oxidation)	110	1.14E-10	2	1828.843	0.56	Male reproductive organs	2R:-:12781590-12781543	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_90561	VAEQCSNPASR	AGAP001952-PA	C5(Carbamidomethyl)	73	5.26E-07	1	1218.568	12.27	Male reproductive organs	2R:-:12782332-12782300	exon=> In CDS Exon 1 of transcript AGAP001952-PA
JHU_Ag_106399	GCQELQQLETSR	AGAP001952-PA	C2(Carbamidomethyl)	101	1.03E-09	1	1448.680	0.24	Male reproductive organs	2R:-:12781932-12781897	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_112094	ERPIVLIGQGNTFDSGGLCLK	AGAP001952-PA	C19(Carbamidomethyl)	155	3.86E-15	1	2274.193	0.78	Male reproductive organs	2R:-:12781485-12781423	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_113704	FVPQLQLYYEPELPCDSNGWR	AGAP001952-PA	C15(Carbamidomethyl)	60	1.67E-05	1	2611.236	2.95	Male reproductive organs	2R:-:12781797-12781735	exon=> In CDS Exon 2 of transcript AGAP001952-PA
JHU_Ag_6295	TEDSAPLIAALEEEQPIEATTLHALTLYYK	AGAP001954-PA	-	202	4.28E-20	1	3330.712	3.68	Ovary	2R:-:12800903-12800814	exon=> In CDS Exon 2 of transcript AGAP001954-PA
JHU_Ag_28475	LLALQLYHR	AGAP001954-PA	-	40	0.000436527	1	1126.672	-1.36	Ovary	2R:-:12799296-12799270	exon=> In CDS Exon 6 of transcript AGAP001954-PA
JHU_Ag_57698	SEPAIEALCLLNHLLGNSVNNFHGK	AGAP001954-PA	C9(Carbamidomethyl)	111	1.01E-10	1	2747.395	0.62	Ovary	2R:-:12799371-12799297	exon=> In CDS Exon 6 of transcript AGAP001954-PA
JHU_Ag_68984	LVEIVDFR	AGAP001954-PA	-	54	3.43E-05	2	990.562	-0.04	Ovary	2R:-:12799047-12799024	exon=> In CDS Exon 6 of transcript AGAP001954-PA
JHU_Ag_87842	ALYNFGTFSK	AGAP001954-PA	-	49	0.000252672	2	1147.581	2.47	Ovary	2R:-:12799077-12799048	exon=> In CDS Exon 6 of transcript AGAP001954-PA
JHU_Ag_92449	GYSIEQLTLAADK	AGAP001954-PA	-	86	3.79E-08	2	1408.735	2.06	Ovary	2R:-:12798390-12798352	exon=> In CDS Exon 6 of transcript AGAP001954-PA

JHU_Ag_100286	EAPVVAAVTKPVGATLEER	AGAP001954-PA	-	61	4.04E-06	1	1937.067	-1.79	Ovary	2R:-:12798756-12798700	exon=> In CDS Exon 6 of transcript AGAP001954-PA
JHU_Ag_107234	SYEQDYDLLR	AGAP001954-PA	-	39	0.001023951	1	1301.600	-1.01	Ovary	2R:-:12798678-12798649	exon=> In CDS Exon 6 of transcript AGAP001954-PA
JHU_Ag_14669	GIGIVSPVATPTLTAHLTAR	AGAP001956-PA	-	136	3.28E-14	1	1975.138	2.48	Larva	2R:-:12804100-12804041	exon=> In CDS Exon 2 of transcript AGAP001956-PA
JHU_Ag_58113	LLGLDVGFDIPEELR	AGAP001956-PA	-	54	3.58E-05	2	1685.920	5.63	Larva	2R:-:12804040-12803996	exon=> In CDS Exon 2 of transcript AGAP001956-PA
JHU_Ag_3585	DNFIICIESLHVADAGDQPNAHELTPEK	AGAP001957-PA	C6(Carbamidomethyl)	161	1.28E-15	1	3133.489	-0.21	Head	2R:+:12826819-12826878,12827929-12827952	exon=> In CDS Exon 5 and 6 of transcript AGAP001957-PA
JHU_Ag_11409	DNFIICIESLHVADAGDQPNAHELTPEK	AGAP001957-PA	C6(Carbamidomethyl)	98	2.15E-09	1	3133.492	0.62	Ovary	2R:+:12826819-12826878,12827929-12827952	exon=> In CDS Exon 5 and 6 of transcript AGAP001957-PA
JHU_Ag_111981	TVITNPGYMK	AGAP001957-PA	M9(Oxidation)	41	0.001100835	2	1139.574	-1.91	Ovary	2R:+:12824673-12824684,12826801-12826818	exon=> In CDS Exon 4 and 5 of transcript AGAP001957-PA
JHU_Ag_67	GSLEVHEEAWNAYPYCR	AGAP001957-PA,AGAP001957-PB	C16(Carbamidomethyl)	113	4.27E-11	1	2080.926	3.78	Malpighian tubule	2R:+:12824622-12824672;2R:+:12824622-12824672	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB
JHU_Ag_6951	GPLVGPDWKK	AGAP001957-PA,AGAP001957-PB	-	61	5.78E-06	1	1096.614	-0.99	Male reproductive organs	2R:+:12828126-12828155;2R:+:12828126-12828155	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_7930	DVVHIDIANDPVSQTDYR	AGAP001957-PA,AGAP001957-PB	-	129	2.16E-12	1	2056.994	0.33	Head	2R:+:12827965-12828018;2R:+:12827965-12828018	exon=> In CDS Exon 6 of transcript AGAP001957-PA;exon=> In CDS Exon 6 of transcript AGAP001957-PB
JHU_Ag_10286	NETGGGEGIEVLKNEPFDNYPLLGGK	AGAP001957-PA,AGAP001957-PB	-	76	4.10E-07	1	2747.359	2.37	Midgut	2R:+:12824362-12824431,12824533-12824540;2R:+:12824362-12824431,12824533-12824540	exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PB
JHU_Ag_10417	VTLPLTVEEYQVAQLYCVAEVSK	AGAP001957-PA,AGAP001957-PB	C17(Carbamidomethyl)	39	0.0010068	3	2639.368	1.7	Ovary	2R:+:12818761-12818787,12824320-12824361;2R:+:12818761-12818787,12824320-12824361	exon=> In CDS Exon 2 and 3 of transcript AGAP001957-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001957-PB
JHU_Ag_11266	VPAFIR	AGAP001957-PA,AGAP001957-PB	-	39	0.001097163	2	702.429	-0.47	Ovary	2R:+:12824589-12824606;2R:+:12824589-12824606	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB
JHU_Ag_13327	IENFIQK	AGAP001957-PA,AGAP001957-PB	-	36	0.002400228	1	891.493	-0.08	Midgut	2R:+:12828228-12828248;2R:+:12828228-12828248	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_16255	NEPFDNYPLLGGK	AGAP001957-PA,AGAP001957-PB	-	63	8.14E-06	1	1463.718	0.76	Ovary	2R:+:12824401-12824431,12824533-12824540;2R:+:12824401-12824431,12824533-12824540	exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PB
JHU_Ag_16992	NETGGGEGIEVLK	AGAP001957-PA,AGAP001957-PB	-	87	3.89E-08	1	1302.656	1.65	Head	2R:+:12824362-12824400;2R:+:12824362-12824400	exon=> In CDS Exon 3 of transcript AGAP001957-PA;exon=> In CDS Exon 3 of transcript AGAP001957-PB

JHU_Ag_28523	LFTIFHR	AGAP001957-PA,AGAP001957-PB	-	37	0.001866394	2	933.529	-1.21	Ovary	2R:+:12828261-12828280,12828387-12828387;2R:+:12828261-12828280,12828387-12828387	exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PB
JHU_Ag_30157	SVSPVMTCYK	AGAP001957-PA,AGAP001957-PB	M6(Oxidation), C8(Carbamidomethyl)	40	0.000655094	1	1187.544	0.78	Ovary	2R:+:12828156-12828185;2R:+:12828156-12828185	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_35642	DVVHIDIANDPVSQTDYR	AGAP001957-PA,AGAP001957-PB	-	134	6.47E-13	1	2056.996	1.05	Midgut	2R:+:12827965-12828018;2R:+:12827965-12828018	exon=> In CDS Exon 6 of transcript AGAP001957-PA;exon=> In CDS Exon 6 of transcript AGAP001957-PB
JHU_Ag_40794	GPLVGPDWK	AGAP001957-PA,AGAP001957-PB	-	44	0.000407204	1	968.519	-1.18	Ovary	2R:+:12828126-12828152;2R:+:12828126-12828152	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_44188	DVVHIDIANDPVSQTDYR	AGAP001957-PA,AGAP001957-PB	-	153	7.77E-15	1	2056.997	1.76	Ovary	2R:+:12827965-12828018;2R:+:12827965-12828018	exon=> In CDS Exon 6 of transcript AGAP001957-PA;exon=> In CDS Exon 6 of transcript AGAP001957-PB
JHU_Ag_50750	RLFTIFHR	AGAP001957-PA,AGAP001957-PB	-	45	0.000147912	1	1089.634	2.22	Male reproductive organs	2R:+:12828258-12828280,12828387-12828387;2R:+:12828258-12828280,12828387-12828387	exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PB
JHU_Ag_58066	GPLVGPDWKK	AGAP001957-PA,AGAP001957-PB	-	48	0.000115144	1	1096.616	1.03	Malpighian tubule	2R:+:12828126-12828155;2R:+:12828126-12828155	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_60234	NETGGGEGIEVLKNEPFDNYPLLGGK	AGAP001957-PA,AGAP001957-PB	-	67	3.13E-06	1	2747.353	0.24	Head	2R:+:12824362-12824431,12824533-12824540;2R:+:12824362-12824431,12824533-12824540	exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PB
JHU_Ag_64091	IENFIQK	AGAP001957-PA,AGAP001957-PB	-	44	0.000418095	1	891.495	1.55	Salivary gland	2R:+:12828228-12828248;2R:+:12828228-12828248	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_65121	IENFIQK	AGAP001957-PA,AGAP001957-PB	-	44	0.000446943	2	891.494	0.93	Ovary	2R:+:12828228-12828248;2R:+:12828228-12828248	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_69645	DVVHIDIANDPVSQTDYRETEDPTK	AGAP001957-PA,AGAP001957-PB	-	92	9.25E-09	1	2857.347	-0.5	Midgut	2R:+:12827965-12828038,12828101-12828101;2R:+:12827965-12828038,12828101-12828101	exon=> In CDS Exon 6 and 7 of transcript AGAP001957-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP001957-PB
JHU_Ag_76203	YNSGQYTYK	AGAP001957-PA,AGAP001957-PB	-	35	0.002593841	1	1123.505	-0.84	Head	2R:+:12824541-12824567;2R:+:12824541-12824567	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB
JHU_Ag_79048	IENFIQK	AGAP001957-PA,AGAP001957-PB	-	32	0.006371658	1	891.494	0.74	Head	2R:+:12828228-12828248;2R:+:12828228-12828248	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB

JHU_Ag_83109	LFTIFHR	AGAP001957-PA,AGAP001957-PB	-	43	0.000410028	2	933.533	2.59	Salivary gland	2R:+:12828261-12828280,12828387-12828387;2R:+:12828261-12828280,12828387-12828387	exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PB
JHU_Ag_84269	GPLVGPDWKK	AGAP001957-PA,AGAP001957-PB	-	33	0.004414379	1	1096.615	0.35	Salivary gland	2R:+:12828126-12828155;2R:+:12828126-12828155	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_87058	GSLEVHEEAWNAYPYCR	AGAP001957-PA,AGAP001957-PB	C16(Carbamidomethyl)	96	1.98E-09	1	2080.914	-1.86	Male reproductive organs	2R:+:12824622-12824672;2R:+:12824622-12824672	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB
JHU_Ag_88902	NEPFDNYPLLGGK	AGAP001957-PA,AGAP001957-PB	-	63	8.62E-06	1	1463.719	1.68	Head	2R:+:12824401-12824431,12824533-12824540;2R:+:12824401-12824431,12824533-12824540	exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PB
JHU_Ag_89987	NEPFDNYPLLGGK	AGAP001957-PA,AGAP001957-PB	-	50	0.000155635	2	1463.720	2.35	Midgut	2R:+:12824401-12824431,12824533-12824540;2R:+:12824401-12824431,12824533-12824540	exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PB
JHU_Ag_95328	LVTCEFK	AGAP001957-PA,AGAP001957-PB	C4(Carbamidomethyl)	30	0.010415925	1	896.453	-1.52	Head	2R:+:12828186-12828206;2R:+:12828186-12828206	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_97601	LFTIFHR	AGAP001957-PA,AGAP001957-PB	-	36	0.002905711	2	933.530	-0.75	Midgut	2R:+:12828261-12828280,12828387-12828387;2R:+:12828261-12828280,12828387-12828387	exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP001957-PB
JHU_Ag_98454	VPAFIR	AGAP001957-PA,AGAP001957-PB	-	32	0.004025798	1	702.428	-2.12	Head	2R:+:12824589-12824606;2R:+:12824589-12824606	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB
JHU_Ag_106523	GPLVGPDWK	AGAP001957-PA,AGAP001957-PB	-	43	0.000384136	1	968.520	-0.24	Head	2R:+:12828126-12828152;2R:+:12828126-12828152	exon=> In CDS Exon 7 of transcript AGAP001957-PA;exon=> In CDS Exon 7 of transcript AGAP001957-PB
JHU_Ag_108223	GSLEVHEEAWNAYPYCR	AGAP001957-PA,AGAP001957-PB	C16(Carbamidomethyl)	51	5.70E-05	1	2080.920	0.69	Salivary gland	2R:+:12824622-12824672;2R:+:12824622-12824672	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB
JHU_Ag_109495	NEPFDNYPLLGGK	AGAP001957-PA,AGAP001957-PB	-	61	1.35E-05	2	1463.722	3.6	Salivary gland	2R:+:12824401-12824431,12824533-12824540;2R:+:12824401-12824431,12824533-12824540	exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP001957-PB
JHU_Ag_110094	IYHLASK	AGAP001957-PA,AGAP001957-PB	-	41	0.001121297	1	831.473	0.46	Head	2R:+:12824568-12824588;2R:+:12824568-12824588	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB

JHU_Ag_111222	GSLEVHEEAWNAYPYCR	AGAP001957-PA,AGAP001957-PB	C16(Carbamidomethyl)	130	6.91E-13	1	2080.914	-2.21	Head	2R:+:12824622-12824672;2R:+:12824622-12824672	exon=> In CDS Exon 4 of transcript AGAP001957-PA;exon=> In CDS Exon 4 of transcript AGAP001957-PB
JHU_Ag_114652	NETGGGEGIEVLK	AGAP001957-PA,AGAP001957-PB	-	74	6.76E-07	1	1302.652	-0.97	Ovary	2R:+:12824362-12824400;2R:+:12824362-12824400	exon=> In CDS Exon 3 of transcript AGAP001957-PA;exon=> In CDS Exon 3 of transcript AGAP001957-PB
JHU_Ag_72524	MTITIDTYSIDGDDDLENAHELTPEK	AGAP001957-PB	M1(Oxidation)	45	0.000283139	1	2952.333	0.83	Male reproductive organs	2R:+:12825689-12825742,12827929-12827952	exon=> In CDS Exon 5 and 6 of transcript AGAP001957-PB
JHU_Ag_73055	MTITIDTYSIDGDDDLENAHELTPEK	AGAP001957-PB	M1(Oxidation)	91	7.85E-09	1	2936.346	3.62	Midgut	2R:+:12825689-12825742,12827929-12827952	exon=> In CDS Exon 5 and 6 of transcript AGAP001957-PB
JHU_Ag_100547	TVITNPNWMK	AGAP001957-PB	M9(Oxidation)	40	0.001598917	1	1219.616	1.83	Male reproductive organs	2R:+:12824673-12824684,12825665-12825682	exon=> In CDS Exon 4 and 5 of transcript AGAP001957-PB
JHU_Ag_105492	MTITIDTYSIDGDDDLENAHELTPEK	AGAP001957-PB	M1(Oxidation)	81	8.80E-08	1	2952.332	0.59	Head	2R:+:12825689-12825742,12827929-12827952	exon=> In CDS Exon 5 and 6 of transcript AGAP001957-PB
JHU_Ag_483	LFPIFIFDGESAGTR	AGAP001958-PA	-	77	2.60E-07	2	1669.865	4.05	Salivary gland	2R:-:12839864-12839978,12839388-12839715	exon=> In CDS Exon 2 and 1 of transcript AGAP001958-PA
JHU_Ag_829	YLPELANYPAQFVHEPWK	AGAP001958-PA	-	104	5.57E-10	1	2202.113	4.96	Head	2R:-:12837627-12837838,12837246-12837471	exon=> In CDS Exon 5 and 4 of transcript AGAP001958-PA
JHU_Ag_2115	LFPIFIFDGESAGTR	AGAP001958-PA	-	79	1.78E-07	1	1669.862	1.93	Malpighian tubule	2R:-:12839864-12839978,12839388-12839715	exon=> In CDS Exon 2 and 1 of transcript AGAP001958-PA
JHU_Ag_2842	LCYEQDCEPIWK	AGAP001958-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	47	0.000115395	1	1640.712	1.95	Ovary	2R:-:12839564-12839529	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_4352	FLLESLADLDR	AGAP001958-PA	-	65	3.65E-06	1	1291.691	1.19	Malpighian tubule	2R:-:12839690-12839658	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_6491	TINNILWFR	AGAP001958-PA	-	61	6.94E-06	2	1176.656	3.27	Head	2R:-:12839975-12839949	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_6679	FLLESLADLDR	AGAP001958-PA	-	67	2.37E-06	2	1291.688	-0.89	Ovary	2R:-:12839690-12839658	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_7180	LCQQMPAPDDFGIHYDGNAR	AGAP001958-PA	C2(Carbamidomethyl), M5(Oxidation)	78	9.92E-08	1	2321.011	1.53	Head	2R:-:12839204-12839145	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_8349	NPICLNIPWYKPEDDSLTR	AGAP001958-PA	C4(Carbamidomethyl)	92	1.01E-08	1	2331.153	3.7	Malpighian tubule	2R:-:12838805-12838749	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_9482	YPAPMVDLAIVSK	AGAP001958-PA	M5(Oxidation)	53	6.34E-05	2	1419.757	1.38	Head	2R:-:12837422-12837384	exon=> In CDS Exon 5 of transcript AGAP001958-PA
JHU_Ag_12223	YPAPMVDLAIVSK	AGAP001958-PA	M5(Oxidation)	47	0.000238381	1	1419.755	-0.34	Ovary	2R:-:12837422-12837384	exon=> In CDS Exon 5 of transcript AGAP001958-PA
JHU_Ag_12895	LFPIFIFDGESAGTR	AGAP001958-PA	-	88	2.27E-08	1	1669.862	2.07	Ovary	2R:-:12839864-12839978,12839388-12839715	exon=> In CDS Exon 2 and 1 of transcript AGAP001958-PA
JHU_Ag_22715	LKQEEEAFR	AGAP001958-PA	-	55	5.24E-05	1	1149.591	1.35	Malpighian tubule	2R:-:12839084-12839058	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_27795	YPGGHHITGQLIWR	AGAP001958-PA	-	91	1.13E-08	1	1634.858	1.83	Head	2R:-:12838901-12838860	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_29590	LHDNPSLLEALK	AGAP001958-PA	-	51	5.17E-05	2	1349.743	0.15	Visceras	2R:-:12839936-12839901	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_29704	DLGGQLLVFR	AGAP001958-PA	-	70	7.78E-07	2	1117.641	3.64	Salivary gland	2R:-:12839648-12839619	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_32168	CTCPIALAR	AGAP001958-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	35	0.006712017	2	1061.525	1.86	Head	2R:-:12837687-12837661	exon=> In CDS Exon 4 of transcript AGAP001958-PA

JHU_Ag_35671	LVDGGSTPPHCRPSDIEEIR	AGAP001958-PA	C11(Carbamidomethyl)	87	3.50E-08	1	2235.085	1.23	Head	2R:-:12837347-12837288	exon=> In CDS Exon 5 of transcript AGAP001958-PA
JHU_Ag_38840	YLPELANYPAQFVHEPWK	AGAP001958-PA	-	92	9.07E-09	1	2202.111	4.29	Ovary	2R:-:12837627-12837838,12837246-12837471	exon=> In CDS Exon 5 and 4 of transcript AGAP001958-PA
JHU_Ag_38923	QLLAEGWLHHILR	AGAP001958-PA	-	57	1.27E-05	1	1585.900	2.42	Malpighian tubule	2R:-:12838700-12838662	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_42191	NITATFLTR	AGAP001958-PA	-	37	0.001557282	1	1036.580	1.58	Malpighian tubule	2R:-:12838661-12839309,12837590-12837826	exon=> In CDS Exon 4 and 3 of transcript AGAP001958-PA
JHU_Ag_42548	DLGGQLLVFR	AGAP001958-PA	-	86	2.28E-08	2	1117.636	-0.62	Head	2R:-:12839648-12839619	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_48801	ALEALGAR	AGAP001958-PA	-	38	0.00266579	2	800.463	0.43	Head	2R:-:12839108-12839085	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_49897	LFEELNIK	AGAP001958-PA	-	41	0.000688658	1	1005.565	3.1	Head	2R:-:12839591-12839568	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_51382	FLLESLADLDR	AGAP001958-PA	-	47	0.000248191	1	1291.689	-0.42	Visceras	2R:-:12839690-12839658	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_55185	QLLAEGWLHHILR	AGAP001958-PA	-	36	0.001393642	1	1585.899	1.96	Ovary	2R:-:12838700-12838662	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_57160	EQQIEYGCVIGEK	AGAP001958-PA	C8(Carbamidomethyl)	49	0.00016733	2	1552.732	0.55	Head	2R:-:12837461-12837423	exon=> In CDS Exon 5 of transcript AGAP001958-PA
JHU_Ag_57591	NPICLNIPWYKPEDDSLTR	AGAP001958-PA	C4(Carbamidomethyl)	104	5.97E-10	1	2331.153	4.09	Head	2R:-:12838805-12838749	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_57734	YLPELANYPAQFVHEPWK	AGAP001958-PA	-	62	8.28E-06	1	2202.106	1.85	Visceras	2R:-:12837627-12837838,12837246-12837471	exon=> In CDS Exon 5 and 4 of transcript AGAP001958-PA
JHU_Ag_58541	VPALLASELK	AGAP001958-PA	-	52	1.85E-05	1	1040.636	0.56	Ovary	2R:-:12839234-12839205	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_60192	TINNILWFR	AGAP001958-PA	-	52	5.82E-05	2	1176.654	1.51	Malpighian tubule	2R:-:12839975-12839949	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_61577	DLGGQLLVFRGDSVTVLR	AGAP001958-PA	-	75	1.01E-07	1	1945.094	3.61	Head	2R:-:12839648-12839595	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_62324	LHDNPSLLEALK	AGAP001958-PA	-	41	0.000475173	2	1349.750	5.39	Midgut	2R:-:12839936-12839901	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_63845	LFPIFIFDGESAGTR	AGAP001958-PA	-	121	1.19E-11	1	1669.863	2.88	Head	2R:-:12839864-12839978,12839388-12839715	exon=> In CDS Exon 2 and 1 of transcript AGAP001958-PA
JHU_Ag_65485	EGYYLPTQAKPEILGPATSMSAALR	AGAP001958-PA	M20(Oxidation)	109	1.27E-10	1	2664.380	3.62	Head	2R:-:12839057-12838983	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_66351	LHDNPSLLEALK	AGAP001958-PA	-	88	1.02E-08	1	1349.748	3.95	Head	2R:-:12839936-12839901	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_67927	LCYEQDCEPIWK	AGAP001958-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	37	0.001068238	2	1640.709	0.31	Visceras	2R:-:12839564-12839529	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_70184	LCQQMPAPDDFGIHYDGNAR	AGAP001958-PA	C2(Carbamidomethyl), M5(Oxidation)	81	4.71E-08	1	2321.010	0.89	Malpighian tubule	2R:-:12839204-12839145	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_70946	DLGGQLLVFR	AGAP001958-PA	-	75	2.95E-07	1	1117.637	0.47	Malpighian tubule	2R:-:12839648-12839619	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_70963	QFFWLADDAATEA	AGAP001958-PA	-	64	4.09E-06	2	1484.676	4.23	Head	2R:-:12837287-12837249	exon=> In CDS Exon 5 of transcript AGAP001958-PA
JHU_Ag_71018	LKQEEEAFR	AGAP001958-PA	-	65	5.71E-06	1	1149.591	1.14	Head	2R:-:12839084-12839058	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_71300	FLLESLADLDR	AGAP001958-PA	-	84	4.97E-08	2	1291.693	2.7	Head	2R:-:12839690-12839658	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_71981	VPALLASELK	AGAP001958-PA	-	60	1.59E-06	1	1040.638	2.67	Head	2R:-:12839234-12839205	exon=> In CDS Exon 3 of transcript AGAP001958-PA

JHU_Ag_77235	DLGGQLLVFRGDSVTVLR	AGAP001958-PA	-	44	0.000149295	1	1945.097	5.12	Ovary	2R:-:12839648-12839595	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_80670	QLLAEGWLHHILR	AGAP001958-PA	-	38	0.000811807	1	1585.904	4.73	Head	2R:-:12838700-12838662	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_81030	TINNILWFR	AGAP001958-PA	-	44	0.000338944	2	1176.653	0.26	Visceras	2R:-:12839975-12839949	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_81484	VPALLASELK	AGAP001958-PA	-	37	0.000603021	2	1040.634	-0.61	Visceras	2R:-:12839234-12839205	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_83976	VPALLASELK	AGAP001958-PA	-	42	0.000177147	1	1040.634	-0.61	Male reproductive organs	2R:-:12839234-12839205	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_85090	LHDNPSLLEALKSDCVNQSSEAVK	AGAP001958-PA	C15(Carbamidomethyl)	54	5.44E-05	1	2654.315	2.27	Malpighian tubule	2R:-:12839936-12839865	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_85285	QLLAEGWLHHILR	AGAP001958-PA	-	66	1.24E-06	1	1585.904	5.19	Visceras	2R:-:12838700-12838662	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_85935	ERDDAVAK	AGAP001958-PA	-	54	7.00E-05	2	903.453	-0.25	Head	2R:-:12839528-12839505	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_86520	LFEELNIKK	AGAP001958-PA	-	40	0.000408116	1	1133.661	3.77	Head	2R:-:12839591-12839565	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_88192	NPICLNIPWYKPEDDSLTR	AGAP001958-PA	C4(Carbamidomethyl)	46	0.00033546	1	2331.151	3.22	Visceras	2R:-:12838805-12838749	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_91293	TINNILWFR	AGAP001958-PA	-	56	1.86E-05	2	1176.655	2.13	Salivary gland	2R:-:12839975-12839949	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_92790	LHDNPSLLEALK	AGAP001958-PA	-	32	0.003600227	2	1349.747	3.22	Ovary	2R:-:12839936-12839901	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_93553	DLGGQLLVFR	AGAP001958-PA	-	85	2.83E-08	1	1117.637	0.8	Ovary	2R:-:12839648-12839619	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_100481	VPALLASELK	AGAP001958-PA	-	43	6.89E-05	2	1040.638	2.56	Malpighian tubule	2R:-:12839234-12839205	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_100510	TINNILWFR	AGAP001958-PA	-	57	1.73E-05	2	1176.656	2.65	Ovary	2R:-:12839975-12839949	exon=> In CDS Exon 1 of transcript AGAP001958-PA
JHU_Ag_100788	LCYEQDCEPIWK	AGAP001958-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	90	6.03E-09	1	1640.715	4.25	Head	2R:-:12839564-12839529	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_105836	NITATFLTR	AGAP001958-PA	-	53	4.08E-05	2	1036.579	-0.07	Ovary	2R:-:12838661-12839309,12837590-12837826	exon=> In CDS Exon 4 and 3 of transcript AGAP001958-PA
JHU_Ag_109217	VPALLASELK	AGAP001958-PA	-	35	0.000807854	1	1040.636	1.27	Salivary gland	2R:-:12839234-12839205	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_113002	RLFEELNIK	AGAP001958-PA	-	47	0.000122273	2	1161.666	2.9	Head	2R:-:12839594-12839568	exon=> In CDS Exon 2 of transcript AGAP001958-PA
JHU_Ag_113048	LFPIFIFDGESAGTR	AGAP001958-PA	-	93	6.96E-09	1	1669.862	2.15	Visceras	2R:-:12839864-12839978,12839388-12839715	exon=> In CDS Exon 2 and 1 of transcript AGAP001958-PA
JHU_Ag_117669	ALEALGAR	AGAP001958-PA	-	57	3.60E-05	1	800.462	-0.56	Malpighian tubule	2R:-:12839108-12839085	exon=> In CDS Exon 3 of transcript AGAP001958-PA
JHU_Ag_3265	GESASDAVDKLVALVEQHAPEDR	AGAP001959-PA	-	165	4.40E-16	1	2436.208	3.02	Head	2R:+:12841991-12842059	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_9176	GESASDAVDKLVALVEQHAPEDR	AGAP001959-PA	-	66	3.54E-06	1	2436.211	4.24	Pupa	2R:+:12841991-12842059	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_9234	VSALDLVR	AGAP001959-PA	-	45	0.000555717	2	872.518	-2.14	Pupa	2R:+:12841952-12841975	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_20325	FLSEHSGEASHELDELMK	AGAP001959-PA	M17(Oxidation)	134	4.51E-13	1	2074.935	-1.62	Head	2R:+:12842669-12842722	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_21297	VSALDLVR	AGAP001959-PA	-	42	0.001092274	2	872.520	0.31	Ovary	2R:+:12841952-12841975	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_26283	VSALDLVR	AGAP001959-PA	-	60	1.71E-05	2	872.520	-0.18	Male reproductive organs	2R:+:12841952-12841975	exon=> In CDS Exon 1 of transcript AGAP001959-PA

JHU_Ag_60494	LVALVEQHAPEDR	AGAP001959-PA	-	104	5.00E-10	1	1476.785	2.79	Head	2R:+:12842021-12842059	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_67859	VSALDLVR	AGAP001959-PA	-	66	3.63E-06	1	872.520	0.03	Head	2R:+:12841952-12841975	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_72063	SWPANEPGVEGAFGLK	AGAP001959-PA	-	33	0.007376526	1	1658.819	1.2	Head	2R:+:12842321-12842368	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_82325	GESASDAVDKLVALVEQHAPEDR	AGAP001959-PA	-	45	0.00043086	1	2436.203	1.04	Ovary	2R:+:12841991-12842059	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_82491	AVTIGLSYSEQGAGGDGK	AGAP001959-PA	-	40	0.001703919	2	1709.838	2.21	Head	2R:+:12841898-12841951	exon=> In CDS Exon 1 of transcript AGAP001959-PA
JHU_Ag_16086	SFDTKPVSVEDCPYDYGR	AGAP001965-PA	C12(Carbamidomethyl)	100	1.03E-09	1	2134.945	2.75	Malpighian tubule	2R:-:12977123-12977070	exon=> In CDS Exon 6 of transcript AGAP001965-PA
JHU_Ag_31520	GSEALDYLVGGR	AGAP001966-PA	-	52	9.43E-05	2	1236.625	2.7	Malpighian tubule	2R:-:12981846-12981811	exon=> In CDS Exon 1 of transcript AGAP001966-PA
JHU_Ag_33939	YLSLPSLGSAR	AGAP001966-PA	-	49	0.000134568	2	1163.645	2.58	Malpighian tubule	2R:-:12980799-12980767	exon=> In CDS Exon 6 of transcript AGAP001966-PA
JHU_Ag_40357	NSAGGRFEGPDFNLDPTAR	AGAP001966-PA	-	74	5.99E-07	1	2020.952	2.38	Malpighian tubule	2R:-:12981001-12981124,12980275-12980881	exon=> In CDS Exon 6 and 5 of transcript AGAP001966-PA
JHU_Ag_53078	TDDIDPLLLAPFLRR	AGAP001966-PA	-	38	0.00082481	1	1754.983	1.86	Malpighian tubule	2R:-:12979914-12979870	exon=> In CDS Exon 7 of transcript AGAP001966-PA
JHU_Ag_64187	SKTDDIDPLLLAPFLR	AGAP001966-PA	-	77	9.05E-08	1	1814.018	6.79	Malpighian tubule	2R:-:12979920-12979873	exon=> In CDS Exon 7 of transcript AGAP001966-PA
JHU_Ag_105730	RGSEALDYLVGGR	AGAP001966-PA	-	71	8.99E-07	1	1392.727	2.98	Malpighian tubule	2R:-:12981849-12981811	exon=> In CDS Exon 1 of transcript AGAP001966-PA
JHU_Ag_109703	FEGPDFNLDPTAR	AGAP001966-PA	-	49	0.000163145	1	1478.693	0.97	Malpighian tubule	2R:-:12980983-12981124,12980275-12980881	exon=> In CDS Exon 6 and 5 of transcript AGAP001966-PA
JHU_Ag_4399	EKPNLAKLLK	AGAP001967-PA	N4(Deamidated)	29	0.001679505	1	1154.727	11.1	Salivary gland	2R:-:12986888-12986859	exon=> In CDS Exon 1 of transcript AGAP001967-PA
JHU_Ag_87116	NEQLALR	AGAP001967-PA	-	40	0.001003381	2	843.470	2.43	Malpighian tubule	2R:-:12986609-12986589	exon=> In CDS Exon 1 of transcript AGAP001967-PA
JHU_Ag_15657	GSTIHLVLR	AGAP001969-PA	-	49	5.36E-05	2	995.599	-0.33	Visceras	2R:-:12991501-12991475	exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_22141	GSTVHLVLR	AGAP001969-PA	-	63	2.03E-06	2	981.584	-0.12	Visceras	2R:-:12991273-12991247	exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_115057	GSTVHLVLR	AGAP001969-PA	-	52	2.53E-05	2	981.581	-3.23	Head	2R:-:12991273-12991247	exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_27485	IIFAGK	AGAP001970-PA	-	38	0.000755718	1	648.409	0.84	Larva	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_36042	IIFAGK	AGAP001970-PA	-	43	0.000249092	1	648.409	1.97	Malpighian tubule	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_38005	IIFAGK	AGAP001970-PA	-	38	0.000752246	1	648.406	-2.92	Head	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_54083	IIFAGK	AGAP001970-PA	-	32	0.002879785	1	648.409	1.5	Visceras	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_63727	TIAIDTEPEATVESVKK	AGAP001970-PA	-	82	7.33E-08	1	1830.968	-0.63	Visceras	2R:+:12993365-12993415	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_80878	IIFAGK	AGAP001970-PA	-	33	0.002411904	1	648.408	-0.47	Midgut	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_89737	IIFAGK	AGAP001970-PA	-	36	0.001203261	1	648.408	0.56	Male reproductive organs	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_89853	IIFAGK	AGAP001970-PA	-	33	0.00202004	1	648.408	0.18	Salivary gland	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA
JHU_Ag_117167	IIFAGK	AGAP001970-PA	-	36	0.001077358	1	648.408	-0.29	Ovary	2R:+:12993230-12993247	exon=> In CDS Exon 1 of transcript AGAP001970-PA

JHU_Ag_6260	EEIPPNQQR	AGAP001970-PA,AGAP001969-PA	-	34	0.005599286	2	1110.554	-0.31	Head	2R:+:12993431-12993457;2R:-:12991591-12991565	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_14814	TIAVDTEPEATVESVK	AGAP001970-PA,AGAP001969-PA	-	99	2.35E-09	2	1688.862	1.71	Head	2R:+:12993593-12993640;2R:-:12991657-12991610	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_24770	TIAVDTEPEATVESVKK	AGAP001970-PA,AGAP001969-PA	-	103	5.57E-10	1	1816.966	6.63	Midgut	2R:+:12993593-12993643;2R:-:12991657-12991607	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_30013	TIAVDTEPEATVESVKK	AGAP001970-PA,AGAP001969-PA	-	59	1.70E-05	1	1816.958	2.2	Salivary gland	2R:+:12993593-12993643;2R:-:12991657-12991607	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_38404	TIAVDTEPEATVESVK	AGAP001970-PA,AGAP001969-PA	-	108	3.12E-10	2	1688.860	0.77	Visceras	2R:+:12993593-12993640;2R:-:12991657-12991610	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_43858	TIAVDTEPEATVESVKK	AGAP001970-PA,AGAP001969-PA	-	59	1.72E-05	1	1816.953	-0.29	Malpighian tubule	2R:+:12993593-12993643;2R:-:12991657-12991607	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_64727	TIAVDTEPEATVESVK	AGAP001970-PA,AGAP001969-PA	-	52	0.000103104	2	1688.863	2.58	Midgut	2R:+:12993593-12993640;2R:-:12991657-12991610	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_74649	TIAVDTEPEATVESVKK	AGAP001970-PA,AGAP001969-PA	-	118	2.14E-11	1	1816.956	1.32	Visceras	2R:+:12993593-12993643;2R:-:12991657-12991607	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_86097	QLQEYSIIK	AGAP001970-PA,AGAP001969-PA	-	50	8.72E-05	2	1121.621	0.9	Head	2R:+:12993494-12993520;2R:-:12991528-12991502	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_92695	QIDEREEIPPNQQR	AGAP001970-PA,AGAP001969-PA	-	91	1.11E-08	1	1751.868	0.73	Visceras	2R:+:12993416-12993457;2R:-:12991606-12991565	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_96908	QLQEYSIIK	AGAP001970-PA,AGAP001969-PA	-	53	4.79E-05	2	1121.622	1.44	Visceras	2R:+:12993494-12993520;2R:-:12991528-12991502	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_98453	EEIPPNQQR	AGAP001970-PA,AGAP001969-PA	-	41	0.001062	1	1110.554	-0.31	Visceras	2R:+:12993431-12993457;2R:-:12991591-12991565	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_106540	TIAVDTEPEATVESVKK	AGAP001970-PA,AGAP001969-PA	-	107	2.48E-10	1	1816.954	-0.02	Head	2R:+:12993593-12993643;2R:-:12991657-12991607	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA
JHU_Ag_108421	QLQEYSIIK	AGAP001970-PA,AGAP001969-PA	-	30	0.011559535	2	1121.615	-4.32	Midgut	2R:+:12993494-12993520;2R:-:12991528-12991502	exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA

JHU_Ag_89878	LQENPGQLLR	AGAP001972-PA	-	56	1.71E-05	1	1167.647	-1.24	Ovary	2R:+:13001014-13001043	exon=> In CDS Exon 3 of transcript AGAP001972-PA
JHU_Ag_3324	LELSWVCQDSNGIHK	AGAP001973-PB,AGAP001973-PA	C7(Carbamidomethyl), N11(Deamidated)	64	5.66E-06	2	1786.849	3.29	Ovary	2R:+:13003637-13003681;2R:+:13003637-13003681	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_5757	GKDGVVLAVEK	AGAP001973-PB,AGAP001973-PA	-	36	0.001768034	2	1114.657	9.03	Head	2R:+:13002830-13002862;2R:+:13002830-13002862	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_6984	DLVLTAGK	AGAP001973-PB,AGAP001973-PA	-	40	0.001518711	1	816.483	-0.06	Midgut	2R:+:13003428-13003451;2R:+:13003428-13003451	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 4 of transcript AGAP001973-PA
JHU_Ag_9877	GKDGVVLAVEK	AGAP001973-PB,AGAP001973-PA	-	45	0.000254988	2	1114.651	3.44	Larva	2R:+:13002830-13002862;2R:+:13002830-13002862	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_10299	DLVLTAGK	AGAP001973-PB,AGAP001973-PA	-	44	0.000484978	1	816.480	-2.6	Head	2R:+:13003428-13003451;2R:+:13003428-13003451	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 4 of transcript AGAP001973-PA
JHU_Ag_15504	AVVDIARQEAASYR	AGAP001973-PB,AGAP001973-PA	-	70	1.28E-06	1	1548.817	2.89	Malpighian tubule	2R:+:13003047-13003088;2R:+:13003047-13003088	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 3 of transcript AGAP001973-PA
JHU_Ag_16103	SSIGTGYDLSASQFSPDGR	AGAP001973-PB,AGAP001973-PA	N-Term(Acetyl)	132	8.57E-13	1	1986.908	2.19	Ovary	2R:+:13002559-13002576,13002728-13002766;2R:+:13002559-13002576,13002728-13002766	exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PA
JHU_Ag_16526	AVENSGTVIGLR	AGAP001973-PB,AGAP001973-PA	-	41	0.001253226	1	1215.670	0.46	Head	2R:+:13002794-13002829;2R:+:13002794-13002829	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_21825	SSIGTGYDLSASQFSPDGR	AGAP001973-PB,AGAP001973-PA	N-Term(Acetyl)	77	2.38E-07	1	1986.916	5.94	Male reproductive organs	2R:+:13002559-13002576,13002728-13002766;2R:+:13002559-13002576,13002728-13002766	exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PA
JHU_Ag_23138	SSIGTGYDLSASQFSPDGRVFQIEYAAK	AGAP001973-PB,AGAP001973-PA	N-Term(Acetyl)	126	3.82E-12	1	3036.469	3.26	Malpighian tubule	2R:+:13002559-13002576,13002728-13002793;2R:+:13002559-13002576,13002728-13002793	exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PA
JHU_Ag_23192	LYEPDCGTR	AGAP001973-PB,AGAP001973-PA	C6(Carbamidomethyl)	40	0.00067041	2	1110.493	3.72	Male reproductive organs	2R:+:13002878-13002904;2R:+:13002878-13002904	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_29677	AVENSGTVIGLR	AGAP001973-PB,AGAP001973-PA	-	82	1.01E-07	1	1215.672	2.31	Malpighian tubule	2R:+:13002794-13002829;2R:+:13002794-13002829	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_33252	GKDGVVLAVEK	AGAP001973-PB,AGAP001973-PA	-	35	0.003016358	2	1114.648	0.71	Pupa	2R:+:13002830-13002862;2R:+:13002830-13002862	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_36153	VFQIEYAAK	AGAP001973-PB,AGAP001973-PA	-	67	1.91E-06	1	1068.572	-0.25	Ovary	2R:+:13002767-13002793;2R:+:13002767-13002793	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA

JHU_Ag_39920	IIYQVHDELK	AGAP001973-PB,AGAP001973-PA	-	61	1.24E-05	1	1257.686	2.11	Malpighian tubule	2R:+:13003452-13003453,13003594-13003621;2R:+:13003452-13003453,13003594-13003621	exon=> In CDS Exon 3 and 4 of transcript AGAP001973-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001973-PA
JHU_Ag_41438	GKDGVVLAVEK	AGAP001973-PB,AGAP001973-PA	-	67	1.68E-06	1	1114.646	-0.94	Ovary	2R:+:13002830-13002862;2R:+:13002830-13002862	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_44067	GKDGVVLAVEK	AGAP001973-PB,AGAP001973-PA	-	62	5.78E-06	1	1114.646	-0.94	Male reproductive organs	2R:+:13002830-13002862;2R:+:13002830-13002862	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_46652	TVPAEVYAAANR	AGAP001973-PB,AGAP001973-PA	-	47	0.000303 31	2	1261.656	1.96	Pupa	2R:+:13003682-13003717;2R:+:13003682-13003717	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_49889	TVPAEVYAAANR	AGAP001973-PB,AGAP001973-PA	-	72	1.16E-06	1	1261.656	2.25	Ovary	2R:+:13003682-13003717;2R:+:13003682-13003717	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_54607	DLVLTAGK	AGAP001973-PB,AGAP001973-PA	-	37	0.003384 348	1	816.484	1.14	Visceras	2R:+:13003428-13003451;2R:+:13003428-13003451	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 4 of transcript AGAP001973-PA
JHU_Ag_56843	LELSWVCQDSNGIHK	AGAP001973-PB,AGAP001973-PA	C7(Carbamidomethyl), N11(Deamidated)	42	0.000913 432	2	1786.839	-1.97	Malpighian tubule	2R:+:13003637-13003681;2R:+:13003637-13003681	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_59385	VFQIEYAAK	AGAP001973-PB,AGAP001973-PA	-	45	0.000314 647	1	1068.572	-0.14	Male reproductive organs	2R:+:13002767-13002793;2R:+:13002767-13002793	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_61182	IIYQVHDELK	AGAP001973-PB,AGAP001973-PA	-	55	4.46E-05	2	1257.684	0.07	Pupa	2R:+:13003452-13003453,13003594-13003621;2R:+:13003452-13003453,13003594-13003621	exon=> In CDS Exon 3 and 4 of transcript AGAP001973-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001973-PA
JHU_Ag_67489	AVENSGTVIGLR	AGAP001973-PB,AGAP001973-PA	-	71	1.31E-06	1	1215.669	0.2	Salivary gland	2R:+:13002794-13002829;2R:+:13002794-13002829	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_71731	AVENSGTVIGLR	AGAP001973-PB,AGAP001973-PA	-	43	0.000782 873	1	1215.671	1.06	Midgut	2R:+:13002794-13002829;2R:+:13002794-13002829	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_72728	TVPAEVYAAANR	AGAP001973-PB,AGAP001973-PA	-	75	5.32E-07	2	1261.657	2.93	Malpighian tubule	2R:+:13003682-13003717;2R:+:13003682-13003717	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_74361	AVENSGTVIGLR	AGAP001973-PB,AGAP001973-PA	-	71	1.28E-06	1	1215.669	-0.2	Pupa	2R:+:13002794-13002829;2R:+:13002794-13002829	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_78359	DLVLTAGK	AGAP001973-PB,AGAP001973-PA	-	45	0.000490 315	1	816.483	0.54	Pupa	2R:+:13003428-13003451;2R:+:13003428-13003451	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 4 of transcript AGAP001973-PA

JHU_Ag_78782	IIYQVHDELK	AGAP001973-PB,AGAP001973-PA	-	68	1.89E-06	1	1257.688	3.17	Head	2R:+:13003452-13003453,13003594-13003621;2R:+:13003452-13003453,13003594-13003621	exon=> In CDS Exon 3 and 4 of transcript AGAP001973-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP001973-PA
JHU_Ag_81038	VFQIEYAAK	AGAP001973-PB,AGAP001973-PA	-	43	0.000413831	2	1068.572	-0.48	Pupa	2R:+:13002767-13002793;2R:+:13002767-13002793	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_81543	AVVDIAR	AGAP001973-PB,AGAP001973-PA	-	42	0.001037141	1	743.441	0.3	Pupa	2R:+:13003047-13003067;2R:+:13003047-13003067	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 3 of transcript AGAP001973-PA
JHU_Ag_84811	SSIGTGYDLSASQFSPDGR	AGAP001973-PB,AGAP001973-PA	N-Term(Acetyl)	51	8.56E-05	1	1986.906	1.09	Visceras	2R:+:13002559-13002576,13002728-13002766;2R:+:13002559-13002576,13002728-13002766	exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PA
JHU_Ag_84827	SSIGTGYDLSASQFSPDGR	AGAP001973-PB,AGAP001973-PA	N-Term(Acetyl)	60	1.11E-05	2	1986.903	-0.33	Pupa	2R:+:13002559-13002576,13002728-13002766;2R:+:13002559-13002576,13002728-13002766	exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PA
JHU_Ag_87692	DGVVLAVEK	AGAP001973-PB,AGAP001973-PA	-	44	0.000556729	1	929.530	-0.01	Midgut	2R:+:13002836-13002862;2R:+:13002836-13002862	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_87949	TVPAEVYAAANR	AGAP001973-PB,AGAP001973-PA	-	83	7.79E-08	2	1261.653	-0.07	Midgut	2R:+:13003682-13003717;2R:+:13003682-13003717	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_89558	TVPAEVYAAANR	AGAP001973-PB,AGAP001973-PA	-	62	1.02E-05	2	1261.653	-0.27	Head	2R:+:13003682-13003717;2R:+:13003682-13003717	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_97620	DLVLTAGK	AGAP001973-PB,AGAP001973-PA	-	46	0.00045235	1	816.484	1.96	Male reproductive organs	2R:+:13003428-13003451;2R:+:13003428-13003451	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 4 of transcript AGAP001973-PA
JHU_Ag_112333	AVENSGTVIGLR	AGAP001973-PB,AGAP001973-PA	-	45	0.000503859	2	1215.667	-2.01	Male reproductive organs	2R:+:13002794-13002829;2R:+:13002794-13002829	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_113505	TVPAEVYAAANR	AGAP001973-PB,AGAP001973-PA	-	94	7.14E-09	1	1261.653	-0.65	Male reproductive organs	2R:+:13003682-13003717;2R:+:13003682-13003717	exon=> In CDS Exon 4 of transcript AGAP001973-PB;exon=> In CDS Exon 5 of transcript AGAP001973-PA
JHU_Ag_114108	AVENSGTVIGLR	AGAP001973-PB,AGAP001973-PA	-	50	0.000159599	2	1215.670	0.6	Ovary	2R:+:13002794-13002829;2R:+:13002794-13002829	exon=> In CDS Exon 2 of transcript AGAP001973-PB;exon=> In CDS Exon 2 of transcript AGAP001973-PA
JHU_Ag_114543	AVVDIAR	AGAP001973-PB,AGAP001973-PA	-	38	0.001524846	2	743.441	-0.38	Ovary	2R:+:13003047-13003067;2R:+:13003047-13003067	exon=> In CDS Exon 3 of transcript AGAP001973-PB;exon=> In CDS Exon 3 of transcript AGAP001973-PA

JHU_Ag_114951	SSIGTGYDLSASQFSPDGR	AGAP001973-PB,AGAP001973-PA	N-Term(Acetyl)	120	1.26E-11	1	1986.906	0.96	Midgut	2R:+:13002559-13002576,13002728-13002766;2R:+:13002559-13002576,13002728-13002766	exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP001973-PA
JHU_Ag_30016	AITYSAMQIYQKPEHEK	AGAP001976-PA	M7(Oxidation)	46	0.000414395	1	2053.002	-1.79	Head	2R:+:13019907-13019957	exon=> In CDS Exon 3 of transcript AGAP001976-PA
JHU_Ag_82583	LQQKENMLDEMIVELR	AGAP001978-PA	Q2(Deamidated), M7(Oxidation), M11(Oxidation),"N6(Deamidated), M7(Oxidation), M11(Oxidation)","Q3(Deamidated), M7(Oxidation), M11(Oxidation)"	40	0.001931315	1	2021.983	-2.66	Larva	2R:+:13040416-13040463	exon=> In CDS Exon 3 of transcript AGAP001978-PA
JHU_Ag_104046	LQQKENMLDEMIVELR	AGAP001978-PA	Q2(Deamidated), M7(Oxidation), M11(Oxidation),"N6(Deamidated), M7(Oxidation), M11(Oxidation)","Q3(Deamidated), M7(Oxidation), M11(Oxidation)"	40	0.001581416	1	2021.977	-5.83	Salivary gland	2R:+:13040416-13040463	exon=> In CDS Exon 3 of transcript AGAP001978-PA
JHU_Ag_2018	NCEYGCTFDPK	AGAP001979-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	35	0.000322398	2	1390.540	-0.48	Salivary gland	2R:-:13053339-13053535,13049414-13053213	exon=> In CDS Exon 5 and 4 of transcript AGAP001979-PA
JHU_Ag_11857	HEGYEIETQPQYLEVVPLAK	AGAP001979-PA	-	59	1.65E-05	1	2343.194	2.87	Ovary	2R:-:13051463-13051404	exon=> In CDS Exon 5 of transcript AGAP001979-PA
JHU_Ag_17441	ILHEGLDRHEGYEIETQPQYLEVVPLAK	AGAP001979-PA	Q19(Deamidated)	84	2.47E-08	1	3276.714	7.23	Ovary	2R:-:13051487-13051404	exon=> In CDS Exon 5 of transcript AGAP001979-PA
JHU_Ag_31067	LGCPGHFQCQDGVCLAR	AGAP001979-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	63	3.75E-06	1	1974.871	-1.03	Salivary gland	2R:-:13050167-13050117	exon=> In CDS Exon 5 of transcript AGAP001979-PA
JHU_Ag_34361	LNNFLQQNGNYLSTYIVPTNTIR	AGAP001979-PA	-	59	1.37E-05	2	2683.382	-0.76	Salivary gland	2R:-:13053453-13053385	exon=> In CDS Exon 4 of transcript AGAP001979-PA
JHU_Ag_49244	DTEVDLGDPYDEYFVPVNEHR	AGAP001979-PA	-	44	0.00037079	3	2509.119	1.59	Head	2R:-:13056096-13056034	exon=> In CDS Exon 1 of transcript AGAP001979-PA
JHU_Ag_50534	GMLLNDEDGR	AGAP001979-PA	M2(Oxidation)	50	9.33E-05	2	1135.508	2.51	Salivary gland	2R:-:13053182-13053153	exon=> In CDS Exon 5 of transcript AGAP001979-PA
JHU_Ag_56470	TCYTPVPAINGVEETHEEPK	AGAP001979-PA	C2(Carbamidomethyl), N10(Deamidated)	51	0.000126426	1	2272.049	2.24	Salivary gland	2R:-:13053152-13053093	exon=> In CDS Exon 5 of transcript AGAP001979-PA
JHU_Ag_76887	LPDVCVMR	AGAP001979-PA	C5(Carbamidomethyl)	36	0.00394017	1	989.492	1.38	Salivary gland	2R:-:13053375-13053352	exon=> In CDS Exon 4 of transcript AGAP001979-PA
JHU_Ag_86889	ENDLADDNNLLDNDLR	AGAP001979-PA	-	98	2.03E-09	1	1858.843	1.01	Salivary gland	2R:-:13050686-13050639	exon=> In CDS Exon 5 of transcript AGAP001979-PA
JHU_Ag_97731	ILHEGLDRHEGYEIETQPQYLEVVPLAK	AGAP001979-PA	-	61	4.02E-06	1	3276.720	9.1	Malpighian tubule	2R:-:13051487-13051404	exon=> In CDS Exon 5 of transcript AGAP001979-PA
JHU_Ag_99750	HEGYEIETQPQYLEVVPLAK	AGAP001979-PA	-	63	5.86E-06	1	2343.189	0.92	Salivary gland	2R:-:13051463-13051404	exon=> In CDS Exon 5 of transcript AGAP001979-PA

JHU_Ag_15971	FLNDAFTNLPTR	AGAP001981-PA,AGAP001981-PB	-	50	0.000147662	2	1408.723	0.59	Head	2R:-:13098472-13098437;2R:-:13098472-13098437	exon=> In CDS Exon 3 of transcript AGAP001981-PA;exon=> In CDS Exon 4 of transcript AGAP001981-PB
JHU_Ag_18051	GKYEVIGNVLLLPVR	AGAP001981-PA,AGAP001981-PB	-	104	3.40E-11	2	1670.003	1.84	Visceras	2R:-:13098943-13098899;2R:-:13098943-13098899	exon=> In CDS Exon 1 of transcript AGAP001981-PA;exon=> In CDS Exon 2 of transcript AGAP001981-PB
JHU_Ag_21411	SNGEFWTEFSDITAIAK	AGAP001981-PA,AGAP001981-PB	-	108	2.31E-10	1	1915.915	3.8	Visceras	2R:-:13098898-13099096,13098639-13098766;2R:-:13098898-13099245,13098639-13098766	exon=> In CDS Exon 2 and 1 of transcript AGAP001981-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP001981-PB
JHU_Ag_115795	FLNDAFTNLPTR	AGAP001981-PA,AGAP001981-PB	-	49	0.000202552	2	1408.725	1.8	Visceras	2R:-:13098472-13098437;2R:-:13098472-13098437	exon=> In CDS Exon 3 of transcript AGAP001981-PA;exon=> In CDS Exon 4 of transcript AGAP001981-PB
JHU_Ag_84184	GIPEIGVQPFDPLR	AGAP001982-PA	-	52	3.84E-05	2	1537.843	3.61	Pupa	2R:-:13118345-13118437,13117940-13118234	exon=> In CDS Exon 3 and 2 of transcript AGAP001982-PA
JHU_Ag_22380	DAADVNDCLR	AGAP001983-PA	C8(Carbamidomethyl)	66	1.65E-06	2	1148.501	0.78	Pupa	2R:-:13135228-13135199	exon=> In CDS Exon 2 of transcript AGAP001983-PA
JHU_Ag_55955	ATPYQGDDGMTYLTVDQTK	AGAP001983-PA	M10(Oxidation)	67	2.01E-06	2	2119.950	0.51	Pupa	2R:-:13133774-13133718	exon=> In CDS Exon 4 of transcript AGAP001983-PA
JHU_Ag_29440	SLDGGYDFQSK	AGAP001984-PA	-	45	0.000268838	2	1216.549	1.14	Pupa	2R:+:13154394-13154426	exon=> In CDS Exon 2 of transcript AGAP001984-PA
JHU_Ag_11512	SASVNSLASSHSSTFSNASFSR	AGAP001986-PA	-	111	1.24E-10	1	2231.037	1.99	Head	2R:+:13188170-13188235	exon=> In CDS Exon 4 of transcript AGAP001986-PA
JHU_Ag_20632	LLDDPHDADVDELAR	AGAP001986-PA	-	50	0.000152815	2	1693.807	2.62	Ovary	2R:+:13188939-13188983	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_25731	THFLTAQECILAGHLQNK	AGAP001986-PA	C9(Carbamidomethyl)	93	7.97E-09	1	2081.067	3.33	Ovary	2R:+:13189077-13189130	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_39366	RIETEPSSTTK	AGAP001986-PA	-	56	4.60E-05	1	1248.648	3.65	Malpighian tubule	2R:+:13187786-13187818	exon=> In CDS Exon 2 of transcript AGAP001986-PA
JHU_Ag_51250	LLDDPHDADVDELAR	AGAP001986-PA	-	91	1.30E-08	1	1693.806	2.12	Midgut	2R:+:13188939-13188983	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_69563	ELPACEICNLPR	AGAP001986-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	38	0.001997973	2	1471.703	-0.48	Visceras	2R:+:13207620-13207654,13207740-13207740	exon=> In CDS Exon 9 and 10 of transcript AGAP001986-PA
JHU_Ag_79045	THFLTAQECILAGHLQNK	AGAP001986-PA	C9(Carbamidomethyl)	72	8.80E-07	1	2081.059	-0.18	Head	2R:+:13189077-13189130	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_81679	MIDGHIQDFAALANYLAK	AGAP001986-PA	M1(Oxidation)	46	0.000392171	3	2007.010	4.66	Visceras	2R:+:13207073-13207126	exon=> In CDS Exon 7 of transcript AGAP001986-PA
JHU_Ag_86910	YEIHPDVPLGIR	AGAP001986-PA	-	51	6.48E-05	1	1408.761	1.71	Head	2R:+:13188846-13188881	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_96728	IGFLFGK	AGAP001986-PA	-	41	0.000458306	2	781.460	-0.53	Head	2R:+:13188825-13188845	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_99150	IGFLFGKYEIHPDVPLGIR	AGAP001986-PA	-	54	1.23E-05	1	2171.214	5.82	Malpighian tubule	2R:+:13188825-13188881	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_107130	VAAIYEPPQESNRDSIR	AGAP001986-PA	-	45	0.000483033	1	1944.983	3.07	Malpighian tubule	2R:+:13188888-13188938	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_110105	MIDGHIQDFAALANYLAK	AGAP001986-PA	M1(Oxidation)	55	5.05E-05	1	2007.016	7.67	Malpighian tubule	2R:+:13207073-13207126	exon=> In CDS Exon 7 of transcript AGAP001986-PA
JHU_Ag_112997	SASVNSLASSHSSTFSNASFSR	AGAP001986-PA	-	71	1.24E-06	1	2231.042	4.12	Malpighian tubule	2R:+:13188170-13188235	exon=> In CDS Exon 4 of transcript AGAP001986-PA

JHU_Ag_115025	LLDDPHDADVDELARQLGLQR	AGAP001986-PA	-	45	0.000380512	1	2389.229	7.55	Malpighian tubule	2R:+:13188939-13189001	exon=> In CDS Exon 5 of transcript AGAP001986-PA
JHU_Ag_32837	ISQAGDSAGKPQSTVLIANCGK	AGAP001987-PA	C20(Carbamidomethyl)	56	3.61E-05	1	2202.124	2.34	Head	2R:-:13195103-13195038	exon=> In CDS Exon 1 of transcript AGAP001987-PA
JHU_Ag_4650	IPTAIQTDILSVDEPAPEPNHHLATR	AGAP001988-PA	Q6(Deamidated)	53	5.81E-05	1	2836.448	0.23	Salivary gland	2R:+:13209145-13209222	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_21776	IYNYFAGVGGAIDLFQSSSLK	AGAP001988-PA	-	147	2.96E-14	1	2250.155	4.73	Malpighian tubule	2R:+:13209469-13209531	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_23743	YFIFGGIIQAISAETR	AGAP001988-PA	-	128	1.79E-12	1	1785.952	-0.99	Salivary gland	2R:+:13209232-13209279	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_27664	GQTQTNVAGSKR	AGAP001988-PA	-	41	0.001232611	2	1246.654	3.47	Salivary gland	2R:+:13209820-13209855	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_42364	ECHKGQTQTNVAGSK	AGAP001988-PA	C2(Carbamidomethyl)	43	0.00068908	2	1644.769	-4.37	Salivary gland	2R:+:13209808-13209852	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_95834	IYNYFAGVGGAIDLFQSSSLK	AGAP001988-PA	-	122	9.61E-12	1	2250.151	2.99	Salivary gland	2R:+:13209469-13209531	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_98218	SMFQDKHSQAGPGTHAAHVVR	AGAP001988-PA	M2(Oxidation)	46	0.000343837	1	2277.098	1.78	Salivary gland	2R:+:13209313-13209375	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_109239	HSQAGPGTHAAHVVR	AGAP001988-PA	-	110	1.47E-10	1	1524.777	-0.43	Salivary gland	2R:+:13209331-13209375	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_114620	IYNYFAGVGGAIDLFQSSSLKELSK	AGAP001988-PA	-	54	3.33E-05	1	2707.414	6.13	Salivary gland	2R:+:13209469-13209543	exon=> In CDS Exon 2 of transcript AGAP001988-PA
JHU_Ag_94024	APAAAAAATPAAATPASK	AGAP001994-PA	-	65	3.62E-06	1	1508.810	1.93	Head	2R:+:13318077-13318130	exon=> In CDS Exon 1 of transcript AGAP001994-PA
JHU_Ag_96838	VKPGDGDGHEPSSR	AGAP001994-PA	-	40	0.001096936	1	1437.666	-3.75	Head	2R:+:13316361-13316402	exon=> In CDS Exon 1 of transcript AGAP001994-PA
JHU_Ag_113915	IDIQPAEDEDDPDDGYSFK	AGAP001994-PA	-	94	1.96E-09	1	2168.919	2.37	Head	2R:+:13316436-13316492	exon=> In CDS Exon 1 of transcript AGAP001994-PA
JHU_Ag_429	SILYDEHSVHK	AGAP001995-PA	-	64	4.60E-06	1	1327.670	4.22	Midgut	2R:-:13319215-13319183	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_1375	LAQNYYLTYREPIPTSQLVQK	AGAP001995-PA	-	102	4.92E-10	1	2525.347	2.74	Malpighian tubule	2R:-:13319098-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_3683	RLDPSDVQDYLANIP	AGAP001995-PA	-	77	3.08E-07	2	1715.864	2.46	Head	2R:-:13318626-13318582	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_8307	RLDPSDVQDYLANIP	AGAP001995-PA	-	46	0.00038152	2	1715.868	4.52	Malpighian tubule	2R:-:13318626-13318582	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_8466	YSEDLELDDAVHTAILTLK	AGAP001995-PA	-	131	1.09E-12	1	2146.092	0.33	Midgut	2R:-:13318752-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_9739	YSEDLELDDAVHTAILTLK	AGAP001995-PA	-	106	3.18E-10	1	2146.095	1.69	Visceras	2R:-:13318752-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_10689	EPIPTSQLVQK	AGAP001995-PA	-	46	0.000175486	2	1239.695	0.79	Head	2R:-:13319068-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_11194	YSFSLTTFSPSGK	AGAP001995-PA	-	93	7.46E-09	2	1421.698	1.97	Visceras	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_12334	LAQNYYLTYREPIPTSQLVQK	AGAP001995-PA	-	95	2.54E-09	1	2525.343	1.07	Male reproductive organs	2R:-:13319098-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_13260	LDPSDVQDYLANIP	AGAP001995-PA	-	50	0.000167788	2	1559.763	2.5	Ovary	2R:-:13318623-13318582	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_15078	YSEDLELDDAVHTAILTLK	AGAP001995-PA	-	91	9.31E-09	1	2146.103	5.45	Larva	2R:-:13318752-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_17516	LAQNYYLTYR	AGAP001995-PA	-	55	6.98E-05	2	1304.669	4.22	Larva	2R:-:13319098-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_19628	AVNGVVIATENKQK	AGAP001995-PA	-	104	2.66E-10	1	1470.829	0.76	Malpighian tubule	2R:-:13319257-13319216	exon=> In CDS Exon 2 of transcript AGAP001995-PA

JHU_Ag_20326	LVQIEYALAAVAAGAPSVGIK	AGAP001995-PA	-	24	0.005667193	3	2041.181	5.64	Larva	2R:-:13319320-13319258	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_21600	KLAQNYYLTYR	AGAP001995-PA	-	79	1.83E-07	2	1432.760	1.2	Male reproductive organs	2R:-:13319101-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_22822	YSFSLTTFSPSGK	AGAP001995-PA	-	100	1.51E-09	2	1421.694	-0.44	Midgut	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_23502	YSEDLELDDAVHTAILTLK	AGAP001995-PA	-	117	2.41E-11	1	2146.098	3.06	Pupa	2R:-:13318752-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_24920	NANNGKTFLEK	AGAP001995-PA	-	46	0.000432116	1	1235.639	0.64	Malpighian tubule	2R:-:13318788-13318756	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_25158	RYSEDLELDDAVHTAILTLK	AGAP001995-PA	-	92	5.57E-09	1	2302.203	4.66	Midgut	2R:-:13318755-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_26244	LAQNYYLTYREPIPTSQLVQK	AGAP001995-PA	-	120	8.67E-12	1	2525.341	0.35	Midgut	2R:-:13319098-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_32519	LAQNYYLTYR	AGAP001995-PA	-	69	2.17E-06	1	1304.664	0.1	Male reproductive organs	2R:-:13319098-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_34245	LVQIEYALAAVAAGAPSVGIK	AGAP001995-PA	-	118	2.85E-12	1	2041.169	0.08	Ovary	2R:-:13319320-13319258	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_34306	AVNGVVIATENK	AGAP001995-PA	N3(Deamidated)	67	2.49E-06	1	1214.674	-0.3	Male reproductive organs	2R:-:13319257-13319222	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_40808	AVNGVVIATENK	AGAP001995-PA	-	38	0.002023196	2	1214.675	0.81	Visceras	2R:-:13319257-13319222	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_43238	YSFSLTTFSPSGK	AGAP001995-PA	-	105	4.90E-10	2	1421.698	2.14	Pupa	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_43580	LVQIEYALAAVAAGAPSVGIK	AGAP001995-PA	-	67	3.94E-07	3	2041.165	-2.08	Head	2R:-:13319320-13319258	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_44008	EPIPTSQLVQK	AGAP001995-PA	-	50	6.67E-05	2	1239.695	0.3	Ovary	2R:-:13319068-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_44685	RYSEDLELDDAVHTAILTLK	AGAP001995-PA	-	159	1.32E-15	1	2302.195	0.84	Ovary	2R:-:13318755-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_47777	RYSEDLELDDAVHTAILTLK	AGAP001995-PA	-	61	8.25E-06	1	2302.198	2.28	Pupa	2R:-:13318755-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_48298	YSEDLELDDAVHTAILTLK	AGAP001995-PA	-	131	1.09E-12	1	2146.092	0.07	Ovary	2R:-:13318752-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_49777	AVNGVVIATENK	AGAP001995-PA	N3(Deamidated)	95	5.31E-09	2	1215.656	-1.31	Ovary	2R:-:13319257-13319222	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_50960	KLAQNYYLTYR	AGAP001995-PA	-	74	6.73E-07	2	1432.754	-3.06	Head	2R:-:13319101-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_51271	YSEDLELDDAVHTAILTLK	AGAP001995-PA	-	118	2.22E-11	1	2146.093	0.58	Head	2R:-:13318752-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_52445	VEMVTNHIGMIYSGMGPDYR	AGAP001995-PA	M3(Oxidation), M10(Oxidation), M15(Oxidation)	90	9.89E-09	1	2318.029	1.59	Ovary	2R:-:13319182-13319123	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_53390	YSFSLTTFSPSGK	AGAP001995-PA	-	107	2.82E-10	2	1421.695	-0.09	Head	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_53449	AVNGVVIATENK	AGAP001995-PA	-	41	0.000955076	2	1214.674	0.41	Head	2R:-:13319257-13319222	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_57654	LAQNYYLTYREPIPTSQLVQK	AGAP001995-PA	-	120	7.57E-12	1	2525.342	0.64	Ovary	2R:-:13319098-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_58505	KLAQNYYLTYR	AGAP001995-PA	-	68	2.20E-06	1	1432.758	0.09	Ovary	2R:-:13319101-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_62466	EPIPTSQLVQK	AGAP001995-PA	-	35	0.002250305	2	1239.695	0.89	Visceras	2R:-:13319068-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA

JHU_Ag_64053	YSFSLTTFSPSGK	AGAP001995-PA	-	100	1.70E-09	2	1421.696	1.02	Male reproductive organs	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_64434	EPIPTSQLVQK	AGAP001995-PA	-	38	0.001224191	1	1239.695	0.2	Male reproductive organs	2R:-:13319068-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_64803	LAQNYYLTYR	AGAP001995-PA	-	75	5.56E-07	1	1304.662	-1.31	Head	2R:-:13319098-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_67247	EGFEGQMNADNIEVGICDANGFR	AGAP001995-PA	M7(Oxidation), C17(Carbamidomethyl)	45	0.000189616	3	2559.091	1.17	Ovary	2R:-:13318695-13318627	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_69358	LAQNYYLTYR	AGAP001995-PA	-	58	2.79E-05	2	1304.663	-0.28	Ovary	2R:-:13319098-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_70330	AVNGVVIATENK	AGAP001995-PA	-	40	0.001291332	2	1214.674	0.41	Pupa	2R:-:13319257-13319222	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_74967	LAQNYYLTYR	AGAP001995-PA	-	53	9.79E-05	2	1304.664	0.1	Visceras	2R:-:13319098-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_78529	RLDPSDVQDYLANIP	AGAP001995-PA	-	62	1.02E-05	2	1715.860	-0.1	Midgut	2R:-:13318626-13318582	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_81469	RLDPSDVQDYLANIP	AGAP001995-PA	-	90	1.44E-08	1	1715.861	0.82	Ovary	2R:-:13318626-13318582	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_81761	LVQIEYALAAVAAGAPSVGIK	AGAP001995-PA	-	61	9.58E-07	3	2041.176	3.04	Pupa	2R:-:13319320-13319258	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_82606	LAQNYYLTYREPIPTSQLVQK	AGAP001995-PA	-	107	1.42E-10	1	2525.345	2.16	Head	2R:-:13319098-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_85469	SILYDEHSVHK	AGAP001995-PA	-	60	1.13E-05	1	1327.664	0.18	Head	2R:-:13319215-13319183	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_86576	YSFSLTTFSPSGK	AGAP001995-PA	-	85	4.82E-08	2	1421.702	4.89	Larva	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_94970	SILYDEHSVHK	AGAP001995-PA	-	75	3.67E-07	1	1327.670	4.31	Ovary	2R:-:13319215-13319183	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_96824	VEMVTNHIGMIYSGMGPDYR	AGAP001995-PA	M3(Oxidation), M10(Oxidation), M15(Oxidation)	69	1.60E-06	1	2318.037	5.14	Larva	2R:-:13319182-13319123	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_98751	LAQNYYLTYR	AGAP001995-PA	-	45	0.000604662	2	1304.664	0.57	Pupa	2R:-:13319098-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_101502	YSFSLTTFSPSGK	AGAP001995-PA	-	81	1.33E-07	1	1421.697	1.71	Ovary	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_101709	KLAQNYYLTYR	AGAP001995-PA	-	45	0.000567022	2	1432.753	-3.57	Midgut	2R:-:13319101-13319069	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_102600	SILYDEHSVHK	AGAP001995-PA	-	50	0.000111035	2	1327.664	-0.01	Male reproductive organs	2R:-:13319215-13319183	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_103024	SILYDEHSVHK	AGAP001995-PA	-	68	2.05E-06	1	1327.665	1	Pupa	2R:-:13319215-13319183	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_103611	LVQIEYALAAVAAGAPSVGIK	AGAP001995-PA	-	72	1.14E-07	3	2041.170	0.44	Midgut	2R:-:13319320-13319258	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_103812	EPIPTSQLVQK	AGAP001995-PA	-	34	0.002654076	1	1239.698	2.86	Malpighian tubule	2R:-:13319068-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_105681	YSEDLELDDAVHTAILTLK	AGAP001995-PA	-	67	2.88E-06	1	2146.091	-0.01	Salivary gland	2R:-:13318752-13318696	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_107581	LVQIEYALAAVAAGAPSVGIK	AGAP001995-PA	-	58	2.70E-06	1	2041.171	0.79	Salivary gland	2R:-:13319320-13319258	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_109695	EPIPTSQLVQK	AGAP001995-PA	-	36	0.001577063	2	1239.694	-0.2	Midgut	2R:-:13319068-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA
JHU_Ag_110072	LAQNYYLTYREPIPTSQLVQK	AGAP001995-PA	-	50	8.40E-05	1	2525.340	0.13	Pupa	2R:-:13319098-13319036	exon=> In CDS Exon 2 of transcript AGAP001995-PA

JHU_Ag_111462	RLDPSDVQDYLANIP	AGAP001995-PA	-	62	1.04E-05	2	1715.866	3.46	Pupa	2R:-:13318626-13318582	exon=> In CDS Exon 3 of transcript AGAP001995-PA
JHU_Ag_117047	YSFSLTTFSPSGK	AGAP001995-PA	-	71	1.30E-06	2	1421.697	1.71	Salivary gland	2R:-:13319447-13319462,13319001-13319321	exon=> In CDS Exon 2 and 1 of transcript AGAP001995-PA
JHU_Ag_51591	GTMMAGSNVADIVIILK	AGAP001997-PA	M3(Oxidation),M4(Oxidation)	38	0.001908 91	1	1748.923	-3.38	Salivary gland	2R:-:13322236-13322186	exon=> In CDS Exon 1 of transcript AGAP001997-PA
JHU_Ag_94532	VQAVLDNIVIAPGDFTK	AGAP001997-PA	-	44	0.000229 495	2	1799.996	3.4	Ovary	2R:-:13322329-13322279	exon=> In CDS Exon 1 of transcript AGAP001997-PA
JHU_Ag_109548	SQDLTPAAAEQTAISNLVSK	AGAP001997-PA	-	35	0.004221 062	2	2044.072	7.79	Ovary	2R:-:13322389-13322330	exon=> In CDS Exon 1 of transcript AGAP001997-PA
JHU_Ag_2371	LTGSTLDTFLEYIER	AGAP001998-PA	-	76	3.89E-07	2	1757.904	4.59	Ovary	2R:-:13323084-13323040	exon=> In CDS Exon 3 of transcript AGAP001998-PA
JHU_Ag_40694	VELQELPEHLR	AGAP001998-PA	-	44	0.000406 448	1	1362.737	-0.13	Midgut	2R:-:13323003-13322971	exon=> In CDS Exon 3 of transcript AGAP001998-PA
JHU_Ag_84155	NLPEGIALK	AGAP001998-PA	-	32	0.002371 618	1	954.561	-0.6	Midgut	2R:-:13323039-13323013	exon=> In CDS Exon 3 of transcript AGAP001998-PA
JHU_Ag_100120	LTGSTLDTFLEYIER	AGAP001998-PA	-	118	2.37E-11	2	1757.895	-0.62	Midgut	2R:-:13323084-13323040	exon=> In CDS Exon 3 of transcript AGAP001998-PA
JHU_Ag_30287	LAGPVYNAANLTLDR	AGAP002004-PA	-	71	1.07E-06	1	1587.849	0.03	Ovary	2R:+:13406354-13406398	exon=> In CDS Exon 1 of transcript AGAP002004-PA
JHU_Ag_6324	IGNLAYIPSDVLHTLK	AGAP002006-PA	-	53	2.27E-05	1	1753.982	-1.52	Head	2R:-:13556227-13556180	exon=> In CDS Exon 1 of transcript AGAP002006-PA
JHU_Ag_44044	LACHCSPESHAK	AGAP002007-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	62	4.92E-06	1	1396.605	-3.16	Head	2R:+:13730011-13730046	exon=> In CDS Exon 1 of transcript AGAP002007-PA
JHU_Ag_15697	VPQDVMLIDFQENR	AGAP002008-PA	M6(Oxidation)	101	1.39E-09	1	1703.844	1.07	Malpighian tubule	2R:+:13836934-13836975	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_23542	IFFESYDIVFK	AGAP002008-PA	-	97	2.81E-09	1	1407.725	3.81	Malpighian tubule	2R:+:13836688-13836720	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_29538	DAGAALDLR	AGAP002008-PA	-	63	8.28E-06	1	901.473	-0.78	Malpighian tubule	2R:+:13836385-13836411	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_41920	LQPDDEALQPYR	AGAP002008-PA	-	89	1.62E-08	1	1444.709	1.84	Malpighian tubule	2R:+:13837114-13837148,13837212	exon=> In CDS Exon 2 and 3 of transcript AGAP002008-PA
JHU_Ag_47081	DEQYSVILHGDYNR	AGAP002008-PA	-	86	2.95E-08	2	1708.795	1.33	Malpighian tubule	2R:+:13836862-13836903	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_47759	SLGLVLFPNEINVYSAVIPAFER	AGAP002008-PA	-	114	1.83E-11	1	2548.382	0.5	Malpighian tubule	2R:+:13836307-13836375	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_57422	LNLDQTHLELMAR	AGAP002008-PA	M11(Oxidation)	100	1.10E-09	1	1553.816	3.75	Malpighian tubule	2R:+:13836535-13836573	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_59859	VAGQSETLGR	AGAP002008-PA	-	71	1.80E-06	2	1017.534	1.43	Malpighian tubule	2R:+:13836613-13836642	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_72708	FLTSQLVDK	AGAP002008-PA	-	34	0.003177 445	2	1050.584	1.18	Malpighian tubule	2R:+:13835988-13836014	exon=> In CDS Exon 1 of transcript AGAP002008-PA
JHU_Ag_75100	LQPDDEALQPYR	AGAP002008-PA	-	38	0.001964 87	2	1444.706	-0.19	Midgut	2R:+:13837114-13837148,13837212	exon=> In CDS Exon 2 and 3 of transcript AGAP002008-PA
JHU_Ag_75234	IYLAESGVR	AGAP002008-PA	-	53	6.59E-05	2	1007.551	-0.62	Malpighian tubule	2R:+:13836427-13836453	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_80273	EHLQK	AGAP002008-PA	Q4(Deamidated)	32	0.002318 613	1	655.341	0.21	Head	2R:+:13837228-13837242	exon=> In CDS Exon 3 of transcript AGAP002008-PA
JHU_Ag_86481	SKYGTTPSALMQR	AGAP002008-PA	M11(Oxidation)	42	0.001043 606	2	1439.732	0.64	Malpighian tubule	2R:+:13836811-13836849	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_91157	IYLAESGVR	AGAP002008-PA	-	50	0.000130 969	2	1007.552	-0.19	Pupa	2R:+:13836427-13836453	exon=> In CDS Exon 2 of transcript AGAP002008-PA

JHU_Ag_92717	TLTTPQGLDGFMSVIHR	AGAP002008-PA	-	52	7.95E-05	1	1872.972	4.53	Malpighian tubule	2R:+:13836072-13836122	exon=> In CDS Exon 1 of transcript AGAP002008-PA
JHU_Ag_93947	IFFESYDIVFK	AGAP002008-PA	-	60	1.35E-05	2	1407.719	-0.52	Midgut	2R:+:13836688-13836720	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_96178	VMVHAAQQGYLDMVDKE	AGAP002008-PA	M2(Oxidation), M13(Oxidation)	77	2.57E-07	1	1965.907	1.18	Malpighian tubule	2R:+:13837414-13837464	exon=> In CDS Exon 3 of transcript AGAP002008-PA
JHU_Ag_105100	FLPCMLANEQEVQEIVHHFHTDVTADAFR	AGAP002008-PA	C4(Carbamidomethyl), M5(Oxidation)	54	4.57E-05	1	3470.631	1.4	Malpighian tubule	2R:+:13837276-13837362	exon=> In CDS Exon 3 of transcript AGAP002008-PA
JHU_Ag_109138	YGTTPSALMQR	AGAP002008-PA	M9(Oxidation)	61	1.06E-05	1	1224.606	1.79	Malpighian tubule	2R:+:13836817-13836849	exon=> In CDS Exon 2 of transcript AGAP002008-PA
JHU_Ag_52922	YLQALLPVHPDDQK	AGAP002009-PA	-	38	0.002077528	1	1636.869	-0.39	Male reproductive organs	2R:+:13876354-13876395	exon=> In CDS Exon 4 of transcript AGAP002009-PA
JHU_Ag_82443	NINYYLSEYNER	AGAP002009-PA	-	47	0.00022976	2	1577.726	1.54	Male reproductive organs	2R:+:13883650-13883685	exon=> In CDS Exon 12 of transcript AGAP002009-PA
JHU_Ag_88825	TLNVLDQLDVR	AGAP002009-PA	-	38	0.001455459	2	1285.712	0.86	Male reproductive organs	2R:+:13876471-13876503	exon=> In CDS Exon 4 of transcript AGAP002009-PA
JHU_Ag_99133	DLLFGNYMEPAAVTR	AGAP002009-PA	M8(Oxidation)	45	0.000485871	2	1712.834	1.44	Male reproductive organs	2R:+:13883566-13883610	exon=> In CDS Exon 12 of transcript AGAP002009-PA
JHU_Ag_107803	GAIESFLPTPAK	AGAP002009-PA	-	49	0.000163989	2	1230.674	0.57	Male reproductive organs	2R:+:13883254-13883289	exon=> In CDS Exon 12 of transcript AGAP002009-PA
JHU_Ag_27445	FLTPAILSNLR	AGAP002011-PA	-	40	0.000225979	2	1244.742	4.37	Larva	2R:+:13893624-13893632,13894196-13894219	exon=> In CDS Exon 2 and 3 of transcript AGAP002011-PA
JHU_Ag_31712	FLTPAILSNLR	AGAP002011-PA	-	56	9.77E-06	1	1244.739	1.91	Head	2R:+:13893624-13893632,13894196-13894219	exon=> In CDS Exon 2 and 3 of transcript AGAP002011-PA
JHU_Ag_20380	LILLADVAPTSHR	AGAP002014-PA	-	28	0.006140472	1	1405.806	-7.39	Salivary gland	2R:-:13933755-13933717	exon=> In CDS Exon 1 of transcript AGAP002014-PA
JHU_Ag_79882	LLVQGMVMGRSYR	AGAP002014-PA	M6(Oxidation)	34	0.004447116	1	1525.805	4.71	Salivary gland	2R:-:13933980-13933942	exon=> In CDS Exon 1 of transcript AGAP002014-PA
JHU_Ag_9	IDNDFDQR	AGAP002015-PA,AGAP002015-PB	-	42	0.000482852	2	1022.458	4.39	Ovary	2R:+:13954573-13954596;2R:+:13954573-13954596	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_801	YTSEDFDEDLR	AGAP002015-PA,AGAP002015-PB	-	43	0.000147624	2	1389.581	0.5	Male reproductive organs	2R:+:13948060-13948092;2R:+:13948060-13948092	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_1961	GICEAIRPLDNLPVEGLVR	AGAP002015-PA,AGAP002015-PB	C3(Carbamidomethyl)	47	0.000114065	1	2121.149	0.11	Head	2R:+:13947574-13947630;2R:+:13947574-13947630	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_2198	DSAIQTQVASLQAK	AGAP002015-PA,AGAP002015-PB	-	44	0.000605809	2	1459.769	-4.16	Malpighian tubule	2R:+:13941770-13941811;2R:+:13941770-13941811	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_2469	RVEDVLGR	AGAP002015-PA,AGAP002015-PB	-	41	0.00099788	1	943.536	4.55	Ovary	2R:+:13939015-13939038;2R:+:13939015-13939038	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_2867	TRPDDALQQLHIFETK	AGAP002015-PA,AGAP002015-PB	-	94	3.98E-09	1	1911.998	2.98	Head	2R:+:13941896-13941943;2R:+:13941896-13941943	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_4489	DSAIQTQVASLQAK	AGAP002015-PA,AGAP002015-PB	-	54	4.43E-05	2	1459.786	7.13	Head	2R:+:13941770-13941811;2R:+:13941770-13941811	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_4787	ASIIPLVAGLR	AGAP002015-PA,AGAP002015-PB	-	28	0.000711562	2	1109.709	4.05	Ovary	2R:+:13940489-13940521;2R:+:13940489-13940521	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB

JHU_Ag_5442	FISDPQTQALYIQR	AGAP002015-PA,AGAP002015-PB	-	110	1.23E-10	2	1679.883	4.63	Head	2R:+:13936920-13936961;2R:+:13936920-13936961	exon=> In CDS Exon 1 of transcript AGAP002015-PA;exon=> In CDS Exon 1 of transcript AGAP002015-PB
JHU_Ag_5719	HVPIIYVDYPGETSLK	AGAP002015-PA,AGAP002015-PB	-	77	2.69E-07	1	1830.958	-2.87	Midgut	2R:+:13947349-13947396;2R:+:13947349-13947396	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_9641	IMFEVQDLK	AGAP002015-PA,AGAP002015-PB	M2(Oxidation)	57	3.32E-05	2	1138.588	5.69	Ovary	2R:+:13946182-13946208;2R:+:13946182-13946208	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_9793	GSTEKEDEVTPALQTQR	AGAP002015-PA,AGAP002015-PB	-	41	0.001317811	1	1888.930	2.92	Malpighian tubule	2R:+:13946362-13946412;2R:+:13946362-13946412	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_9957	TVDFLNDWEK	AGAP002015-PA,AGAP002015-PB	-	44	0.000507781	2	1266.604	3.18	Head	2R:+:13941845-13941874;2R:+:13941845-13941874	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_10017	DFPINDLLSATELDK	AGAP002015-PA,AGAP002015-PB	-	107	3.39E-10	2	1690.862	4.81	Head	2R:+:13937961-13938005;2R:+:13937961-13938005	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_10146	LKADGDSFR	AGAP002015-PA,AGAP002015-PB	-	48	0.000268162	1	1008.510	-0.76	Male reproductive organs	2R:+:13939069-13939095;2R:+:13939069-13939095	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_10260	LTLPVYLNSTR	AGAP002015-PA,AGAP002015-PB	-	48	9.89E-05	1	1276.731	3.73	Ovary	2R:+:13955653-13955685;2R:+:13955653-13955685	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_10665	MSVVLEELQDLR	AGAP002015-PA,AGAP002015-PB	M1(Oxidation)	44	0.000592557	2	1447.747	0.39	Male reproductive organs	2R:+:13942040-13942075;2R:+:13942040-13942075	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_11160	AATSPALFNR	AGAP002015-PA,AGAP002015-PB	-	42	0.001041661	2	1047.560	2.03	Ovary	2R:+:13948396-13948425;2R:+:13948396-13948425	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_11308	SDLGDFLR	AGAP002015-PA,AGAP002015-PB	-	39	0.001982939	2	922.465	1.74	Pupa	2R:+:13946695-13946718;2R:+:13946695-13946718	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_13480	NVHLAPQWLVQLEK	AGAP002015-PA,AGAP002015-PB	-	63	2.23E-06	1	1674.940	4.4	Ovary	2R:+:13954099-13954140;2R:+:13954099-13954140	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_17131	EWTDGLFTHILR	AGAP002015-PA,AGAP002015-PB	-	61	1.08E-05	1	1487.765	0.74	Ovary	2R:+:13945981-13946016;2R:+:13945981-13946016	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_18093	FTLASYLAQAVQDIK	AGAP002015-PA,AGAP002015-PB	-	97	1.65E-09	2	1667.901	0.27	Midgut	2R:+:13943216-13943260;2R:+:13943216-13943260	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_19587	DSAIQTQVASLQAK	AGAP002015-PA,AGAP002015-PB	-	66	3.06E-06	1	1459.782	4.37	Ovary	2R:+:13941770-13941811;2R:+:13941770-13941811	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_20277	DDENEPPTEGEEEK	AGAP002015-PA,AGAP002015-PB	-	64	5.71E-07	2	1617.644	2.72	Head	2R:+:13936974-13936974,13937194-13937234;2R:+:13936974-13936974,13937194-13937234	exon=> In CDS Exon 1 and 2 of transcript AGAP002015-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002015-PB
JHU_Ag_21008	MFLDIFSTVLHNNPK	AGAP002015-PA,AGAP002015-PB	M1(Oxidation)	89	2.03E-08	1	1791.916	3.23	Ovary	2R:+:13953304-13953348;2R:+:13953304-13953348	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB

JHU_Ag_21060	VAAPDVVVPTLDTVR	AGAP002015-PA,AGAP002015-PB	-	45	0.000118313	1	1551.872	-1.09	Malpighian tubule	2R:+:13946845-13946889;2R:+:13946845-13946889	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_21108	VPVNLLR	AGAP002015-PA,AGAP002015-PB	-	33	0.000552577	2	810.523	4.52	Ovary	2R:+:13954207-13954227;2R:+:13954207-13954227	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_22248	EALYGVLDPNTR	AGAP002015-PA,AGAP002015-PB	-	45	0.000533087	1	1347.691	0.36	Male reproductive organs	2R:+:13945945-13945980;2R:+:13945945-13945980	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_22329	AADQSWVSLER	AGAP002015-PA,AGAP002015-PB	-	73	8.99E-07	2	1261.618	0.61	Midgut	2R:+:13947244-13947276;2R:+:13947244-13947276	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_22402	LSTAEVFQDWAR	AGAP002015-PA,AGAP002015-PB	-	83	7.62E-08	1	1422.703	0.91	Head	2R:+:13939102-13939137;2R:+:13939102-13939137	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_22861	IQHAVDDLSLK	AGAP002015-PA,AGAP002015-PB	-	40	0.00074267	1	1238.676	1.39	Head	2R:+:13940735-13940767;2R:+:13940735-13940767	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_23025	SFGPLNAALEDSVNQDCIR	AGAP002015-PA,AGAP002015-PB	C17(Carbamidomethyl)	41	0.001224551	2	2105.992	-0.07	Head	2R:+:13936860-13936916;2R:+:13936860-13936916	exon=> In CDS Exon 1 of transcript AGAP002015-PA;exon=> In CDS Exon 1 of transcript AGAP002015-PB
JHU_Ag_23786	DLPPVAGSIIWAR	AGAP002015-PA,AGAP002015-PB	-	47	0.000120992	2	1394.781	1.63	Malpighian tubule	2R:+:13938943-13938981;2R:+:13938943-13938981	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_23787	INEWLSLVEK	AGAP002015-PA,AGAP002015-PB	-	48	0.000229154	2	1230.677	3.35	Salivary gland	2R:+:13943177-13943206;2R:+:13943177-13943206	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_25036	ELIAQLEQSIAAYK	AGAP002015-PA,AGAP002015-PB	-	74	3.38E-07	2	1576.863	3.28	Head	2R:+:13952116-13952157;2R:+:13952116-13952157	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_25749	ILDDDSVITTLETLKK	AGAP002015-PA,AGAP002015-PB	-	36	0.001580122	1	1803.996	0.35	Pupa	2R:+:13953091-13953138;2R:+:13953091-13953138	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_26410	AHQANQLYPFAISLIESIR	AGAP002015-PA,AGAP002015-PB	-	68	1.03E-06	1	2171.173	5.63	Ovary	2R:+:13939327-13939383;2R:+:13939327-13939383	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_28110	LPNKPDPLEGAYAAIENQIGDVR	AGAP002015-PA,AGAP002015-PB	-	52	6.17E-05	3	2480.293	5.86	Head	2R:+:13941161-13941229;2R:+:13941161-13941229	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_31906	ASIIPLVAGLR	AGAP002015-PA,AGAP002015-PB	-	27	0.000820753	2	1109.711	6.14	Salivary gland	2R:+:13940489-13940521;2R:+:13940489-13940521	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_33544	ASIIPLVAGLR	AGAP002015-PA,AGAP002015-PB	-	62	2.84E-07	2	1109.705	1.19	Malpighian tubule	2R:+:13940489-13940521;2R:+:13940489-13940521	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_33859	NVHLAPQWLVQLEK	AGAP002015-PA,AGAP002015-PB	-	51	4.12E-05	1	1674.936	1.99	Midgut	2R:+:13954099-13954140;2R:+:13954099-13954140	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_34073	FNALFVRPHIR	AGAP002015-PA,AGAP002015-PB	-	40	0.000506956	1	1369.791	4.24	Malpighian tubule	2R:+:13938711-13938743;2R:+:13938711-13938743	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_34157	SLLQALNDAK	AGAP002015-PA,AGAP002015-PB	-	60	1.56E-05	2	1072.604	3.67	Ovary	2R:+:13953055-13953084;2R:+:13953055-13953084	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB

JHU_Ag_34366	FIKPVSTIEHPK	AGAP002015-PA,AGAP002015-PB	-	74	1.12E-07	1	1395.807	5.43	Ovary	2R:+:13943141-13943176;2R:+:13943141-13943176	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_34706	LINFSEGSPYETLHAFISK	AGAP002015-PA,AGAP002015-PB	-	41	0.001032627	1	2153.100	3.82	Malpighian tubule	2R:+:13937358-13937414;2R:+:13937358-13937414	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_35098	GICEAIRPLDNLPVEGLVR	AGAP002015-PA,AGAP002015-PB	C3(Carbamidomethyl)	40	0.000535983	1	2121.149	0.11	Pupa	2R:+:13947574-13947630;2R:+:13947574-13947630	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_35466	ASIIPLVAGLRK	AGAP002015-PA,AGAP002015-PB	-	34	0.000239532	1	1237.799	-0.2	Male reproductive organs	2R:+:13940489-13940524;2R:+:13940489-13940524	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_39819	SNLFSTWCQHLQAANIQFR	AGAP002015-PA,AGAP002015-PB	C8(Carbamidomethyl)	41	0.001259739	1	2321.136	4.92	Head	2R:+:13952389-13952445;2R:+:13952389-13952445	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_40294	EIAALLQPYFSSDGLVVR	AGAP002015-PA,AGAP002015-PB	-	36	0.001597879	1	1978.066	0.81	Head	2R:+:13946413-13946466;2R:+:13946413-13946466	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_40640	YATLATVSR	AGAP002015-PA,AGAP002015-PB	-	47	0.000181528	2	981.541	4.87	Ovary	2R:+:13946209-13946235;2R:+:13946209-13946235	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_40672	ALSAISAAMHQLLLIQAFRPDR	AGAP002015-PA,AGAP002015-PB	M9(Oxidation)	98	4.36E-10	1	2438.343	3.84	Ovary	2R:+:13953742-13953807;2R:+:13953742-13953807	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_41336	LTFAILLCR	AGAP002015-PA,AGAP002015-PB	C8(Carbamidomethyl)	37	0.000820411	2	1106.645	4.94	Ovary	2R:+:13953454-13953480;2R:+:13953454-13953480	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_41351	LPNKPDPLEGAYAAIENQIGDVR	AGAP002015-PA,AGAP002015-PB	-	46	0.000216809	3	2480.294	6.45	Visceras	2R:+:13941161-13941229;2R:+:13941161-13941229	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_41931	VLQLYQISNLNHGLMMVGPSGSGK	AGAP002015-PA,AGAP002015-PB	M15(Oxidation), M16(Oxidation)	66	3.05E-06	1	2575.313	4.6	Ovary	2R:+:13945780-13945851;2R:+:13945780-13945851	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_42618	FYYGFEYLGVQDR	AGAP002015-PA,AGAP002015-PB	-	39	0.001940059	2	1656.766	-1.91	Midgut	2R:+:13943699-13943737;2R:+:13943699-13943737	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_42810	TRPDDALQQLHIFETK	AGAP002015-PA,AGAP002015-PB	-	87	2.09E-08	1	1911.997	2.31	Malpighian tubule	2R:+:13941896-13941943;2R:+:13941896-13941943	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_43427	TMTLFSALR	AGAP002015-PA,AGAP002015-PB	M2(Oxidation)	40	0.000848452	2	1055.554	-1.02	Male reproductive organs	2R:+:13946965-13946991;2R:+:13946965-13946991	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_43502	VDDLAAELNK	AGAP002015-PA,AGAP002015-PB	-	48	0.000216616	2	1087.567	3.59	Ovary	2R:+:13953970-13953999;2R:+:13953970-13953999	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_43861	TRPDDALQQLHIFETK	AGAP002015-PA,AGAP002015-PB	-	106	2.90E-10	1	1911.998	3.08	Ovary	2R:+:13941896-13941943;2R:+:13941896-13941943	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_44980	TVDFLNDWEK	AGAP002015-PA,AGAP002015-PB	-	45	0.000485432	2	1266.602	1.83	Visceras	2R:+:13941845-13941874;2R:+:13941845-13941874	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_44988	ITAHLRDQLGTAK	AGAP002015-PA,AGAP002015-PB	-	34	0.001874162	1	1423.806	3.14	Malpighian tubule	2R:+:13938639-13938677;2R:+:13938639-13938677	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB

JHU_Ag_45181	VPWDALVTLLSQSIYGGK	AGAP002015-PA,AGAP002015-PB	-	77	1.05E-07	1	1947.072	6.72	Ovary	2R:+:13954519-13954572;2R:+:13954519-13954572	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_46368	VAAPDVVVPTLDTVR	AGAP002015-PA,AGAP002015-PB	-	40	0.000380217	1	1551.873	-0.62	Midgut	2R:+:13946845-13946889;2R:+:13946845-13946889	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_46696	MLSAVSQQIQTIQEALK	AGAP002015-PA,AGAP002015-PB	M1(Oxidation)	79	1.33E-07	2	1904.011	-2.65	Midgut	2R:+:13944002-13944052;2R:+:13944002-13944052	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_48627	RSDLEEQQLHLNVGLNK	AGAP002015-PA,AGAP002015-PB	-	112	5.00E-11	1	1993.059	6.26	Ovary	2R:+:13948732-13948782;2R:+:13948732-13948782	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_48638	LQGEFHLR	AGAP002015-PA,AGAP002015-PB	-	34	0.004002423	2	999.536	-0.84	Head	2R:+:13953013-13953036;2R:+:13953013-13953036	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_49106	LDRDPSSGTALQEISFWLNLER	AGAP002015-PA,AGAP002015-PB	-	54	5.78E-05	3	2547.295	4.41	Ovary	2R:+:13937733-13937798;2R:+:13937733-13937798	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_51339	DLPPVAGSIIWAR	AGAP002015-PA,AGAP002015-PB	-	67	1.21E-06	2	1394.782	2.33	Visceras	2R:+:13938943-13938981;2R:+:13938943-13938981	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_52503	HVPIIYVDYPGETSLK	AGAP002015-PA,AGAP002015-PB	-	61	9.98E-06	1	1830.972	4.53	Malpighian tubule	2R:+:13947349-13947396;2R:+:13947349-13947396	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_52572	ALPDMEVVGLNFSSATTPELLLK	AGAP002015-PA,AGAP002015-PB	M5(Oxidation)	106	2.09E-10	1	2461.301	4.57	Ovary	2R:+:13946992-13947060;2R:+:13946992-13947060	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_52851	ALSSLFSMLNQGAR	AGAP002015-PA,AGAP002015-PB	M8(Oxidation)	35	0.004210061	2	1510.770	1.32	Ovary	2R:+:13946521-13946562;2R:+:13946521-13946562	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_53416	VTFVNFTVTR	AGAP002015-PA,AGAP002015-PB	-	44	0.000291413	2	1183.651	3.19	Ovary	2R:+:13952899-13952928;2R:+:13952899-13952928	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_53744	VDDLAAELNK	AGAP002015-PA,AGAP002015-PB	-	59	1.97E-05	2	1087.563	-0.45	Male reproductive organs	2R:+:13953970-13953999;2R:+:13953970-13953999	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_55530	LLIITSDLYR	AGAP002015-PA,AGAP002015-PB	-	33	0.000981826	2	1206.717	6.16	Malpighian tubule	2R:+:13953379-13953408;2R:+:13953379-13953408	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_56284	SVLVSAGNVKR	AGAP002015-PA,AGAP002015-PB	-	45	0.000194684	1	1129.672	2.62	Malpighian tubule	2R:+:13944380-13944412;2R:+:13944380-13944412	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_56892	VAAPDVVVPTLDTVR	AGAP002015-PA,AGAP002015-PB	-	49	4.39E-05	1	1551.882	5.28	Head	2R:+:13946845-13946889;2R:+:13946845-13946889	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_57513	ILDDDSVITTLETLKK	AGAP002015-PA,AGAP002015-PB	-	32	0.003553594	1	1804.004	4.81	Malpighian tubule	2R:+:13953091-13953138;2R:+:13953091-13953138	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_58936	VPVNLLR	AGAP002015-PA,AGAP002015-PB	-	31	0.000919163	1	810.523	4.22	Malpighian tubule	2R:+:13954207-13954227;2R:+:13954207-13954227	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_59429	FYFVGDEDLLEIIGNSK	AGAP002015-PA,AGAP002015-PB	-	53	9.56E-05	2	1958.966	-4.18	Midgut	2R:+:13942970-13943020;2R:+:13942970-13943020	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB

JHU_Ag_60886	DSAIQTQVASLQAK	AGAP002015-PA,AGAP002015-PB	-	85	4.11E-08	2	1459.774	-0.65	Midgut	2R:+:13941770-13941811;2R:+:13941770-13941811	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_61021	VMDVLNIPAVQR	AGAP002015-PA,AGAP002015-PB	M2(Oxidation)	37	0.001837686	2	1370.754	5.53	Ovary	2R:+:13942847-13942882;2R:+:13942847-13942882	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_61426	IFVYEPPPGIR	AGAP002015-PA,AGAP002015-PB	-	62	8.49E-06	2	1287.710	0.29	Male reproductive organs	2R:+:13954237-13954269;2R:+:13954237-13954269	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_61926	LTLPVYLNSTR	AGAP002015-PA,AGAP002015-PB	-	42	0.000368257	1	1276.728	1.91	Malpighian tubule	2R:+:13955653-13955685;2R:+:13955653-13955685	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_61975	KYEFNESDLR	AGAP002015-PA,AGAP002015-PB	-	61	8.66E-06	2	1300.612	-3.74	Head	2R:+:13954417-13954446;2R:+:13954417-13954446	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_63069	TVDFLNDWEK	AGAP002015-PA,AGAP002015-PB	-	40	0.001477236	2	1266.600	0.19	Ovary	2R:+:13941845-13941874;2R:+:13941845-13941874	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_63253	LSTAEVFQDWAR	AGAP002015-PA,AGAP002015-PB	-	73	7.87E-07	2	1422.704	1.94	Visceras	2R:+:13939102-13939137;2R:+:13939102-13939137	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_65660	VAAPDVVVPTLDTVR	AGAP002015-PA,AGAP002015-PB	-	38	0.00058485	1	1551.876	1.35	Male reproductive organs	2R:+:13946845-13946889;2R:+:13946845-13946889	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_65851	LPNKPDPLEGAYAAIENQIGDVR	AGAP002015-PA,AGAP002015-PB	-	94	3.72E-09	1	2480.293	6.16	Ovary	2R:+:13941161-13941229;2R:+:13941161-13941229	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_66690	GTAEPNLDQEFNFFLR	AGAP002015-PA,AGAP002015-PB	-	40	0.001589893	2	1897.908	-0.12	Ovary	2R:+:13953493-13953540;2R:+:13953493-13953540	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_68106	GICEAIRPLDNLPVEGLVR	AGAP002015-PA,AGAP002015-PB	C3(Carbamidomethyl)	35	0.001734408	1	2121.149	0.11	Male reproductive organs	2R:+:13947574-13947630;2R:+:13947574-13947630	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_68293	EDEVTPALQTQR	AGAP002015-PA,AGAP002015-PB	-	56	4.33E-05	2	1386.688	1.55	Head	2R:+:13946377-13946412;2R:+:13946377-13946412	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_69003	LMHIPFDEFER	AGAP002015-PA,AGAP002015-PB	M2(Oxidation)	57	3.09E-05	1	1449.689	4.26	Ovary	2R:+:13938150-13938182;2R:+:13938150-13938182	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_69259	VSWVLSDLTLGQVWDVNLLK	AGAP002015-PA,AGAP002015-PB	N17(Deamidated),Q12(Deamidated)	34	0.003388177	1	2286.211	-12.06	Visceras	2R:+:13942349-13942408;2R:+:13942349-13942408	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_70576	IFVYEPPPGIR	AGAP002015-PA,AGAP002015-PB	-	47	0.000208137	2	1287.717	6.07	Ovary	2R:+:13954237-13954269;2R:+:13954237-13954269	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_71436	GICEAIRPLDNLPVEGLVR	AGAP002015-PA,AGAP002015-PB	C3(Carbamidomethyl)	51	4.75E-05	1	2121.151	1.23	Ovary	2R:+:13947574-13947630;2R:+:13947574-13947630	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_71840	LADLLGK	AGAP002015-PA,AGAP002015-PB	-	35	0.004173316	1	729.455	5.67	Ovary	2R:+:13942895-13942915;2R:+:13942895-13942915	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_71908	EVDLSMDTDAPTQPTIRPGGDPQIQR	AGAP002015-PA,AGAP002015-PB	M6(Oxidation)	34	0.006946414	1	2853.369	0.1	Head	2R:+:13940888-13940965;2R:+:13940888-13940965	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB

JHU_Ag_71915	GWDDLFNK	AGAP002015-PA,AGAP002015-PB	-	34	0.004316992	2	994.462	-0.54	Malpighian tubule	2R:+:13942550-13942573;2R:+:13942550-13942573	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_72428	FISDPQTQALYIQR	AGAP002015-PA,AGAP002015-PB	-	108	1.81E-10	2	1679.877	1.22	Visceras	2R:+:13936920-13936961;2R:+:13936920-13936961	exon=> In CDS Exon 1 of transcript AGAP002015-PA;exon=> In CDS Exon 1 of transcript AGAP002015-PB
JHU_Ag_73529	GICEAIRPLDNLPVEGLVR	AGAP002015-PA,AGAP002015-PB	C3(Carbamidomethyl)	46	0.000128854	1	2121.160	5.46	Malpighian tubule	2R:+:13947574-13947630;2R:+:13947574-13947630	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_73662	HIPLEDGEEESFSGQPK	AGAP002015-PA,AGAP002015-PB	-	57	2.88E-05	1	1898.882	2.7	Head	2R:+:13946311-13946361;2R:+:13946311-13946361	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_73693	ALGNQLGR	AGAP002015-PA,AGAP002015-PB	-	52	3.83E-05	2	828.471	3.32	Malpighian tubule	2R:+:13943855-13943878;2R:+:13943855-13943878	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_74260	LLIITSDLYR	AGAP002015-PA,AGAP002015-PB	-	42	0.000134917	2	1206.710	0.29	Ovary	2R:+:13953379-13953408;2R:+:13953379-13953408	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_76129	QISSIAIGSAEGFNQAER	AGAP002015-PA,AGAP002015-PB	-	57	3.70E-05	2	1877.942	3.49	Malpighian tubule	2R:+:13954000-13954053;2R:+:13954000-13954053	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_77412	QPSSALSAAGDTGVGGEGK	AGAP002015-PA,AGAP002015-PB	-	36	0.003319923	2	1688.814	3.08	Head	2R:+:13938414-13938470;2R:+:13938414-13938470	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_77689	LMHIPFDEFER	AGAP002015-PA,AGAP002015-PB	M2(Oxidation)	54	5.94E-05	1	1449.685	1.04	Head	2R:+:13938150-13938182;2R:+:13938150-13938182	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_78500	VQDSTFLNTLQNGVNR	AGAP002015-PA,AGAP002015-PB	-	93	8.80E-09	2	1805.914	0.13	Head	2R:+:13937655-13937702;2R:+:13937655-13937702	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_80048	TMTLFSALR	AGAP002015-PA,AGAP002015-PB	M2(Oxidation)	47	0.000164609	2	1055.556	0.37	Malpighian tubule	2R:+:13946965-13946991;2R:+:13946965-13946991	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_81766	ALSSLFSMLNQGAR	AGAP002015-PA,AGAP002015-PB	M8(Oxidation)	64	5.09E-06	2	1510.775	4.23	Malpighian tubule	2R:+:13946521-13946562;2R:+:13946521-13946562	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_82632	GAIREYQTQLIQR	AGAP002015-PA,AGAP002015-PB	-	35	0.002926974	1	1575.864	2.66	Malpighian tubule	2R:+:13938744-13938782;2R:+:13938744-13938782	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_82853	VNFLPEIITLYK	AGAP002015-PA,AGAP002015-PB	-	39	0.000268029	1	1449.841	3.97	Ovary	2R:+:13939234-13939269;2R:+:13939234-13939269	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_84063	LSVVRDLPPVAGSIIWAR	AGAP002015-PA,AGAP002015-PB	-	38	0.000207075	3	1949.131	-1.06	Malpighian tubule	2R:+:13938928-13938981;2R:+:13938928-13938981	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_85726	FQSISSEFLGLMK	AGAP002015-PA,AGAP002015-PB	M12(Oxidation)	44	0.000618011	1	1502.762	3.75	Ovary	2R:+:13942787-13942825;2R:+:13942787-13942825	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_87634	DDENEPPTEGEEEK	AGAP002015-PA,AGAP002015-PB	-	64	5.97E-07	2	1617.641	0.76	Midgut	2R:+:13936974-13936974,13937194-13937234;2R:+:13936974-13936974,13937194-13937234	exon=> In CDS Exon 1 and 2 of transcript AGAP002015-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002015-PB

JHU_Ag_88799	VQSQEIQQQLAEQTVK	AGAP002015-PA,AGAP002015-PB	-	74	4.82E-07	2	1856.969	-1.41	Male reproductive organs	2R:+:13948998-13949045;2R:+:13948998-13949045	exon=> In CDS Exon 6 of transcript AGAP002015-PA;exon=> In CDS Exon 6 of transcript AGAP002015-PB
JHU_Ag_89268	LLASFLSK	AGAP002015-PA,AGAP002015-PB	-	30	0.002805261	2	878.536	1.57	Malpighian tubule	2R:+:13954597-13954620;2R:+:13954597-13954620	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_89374	SDLGDFLR	AGAP002015-PA,AGAP002015-PB	-	73	8.35E-07	2	922.466	3.72	Ovary	2R:+:13946695-13946718;2R:+:13946695-13946718	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_89459	IFVYEPPPGIR	AGAP002015-PA,AGAP002015-PB	-	37	0.002637432	2	1287.712	1.71	Malpighian tubule	2R:+:13954237-13954269;2R:+:13954237-13954269	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_90350	SLGFRVPLAIVNK	AGAP002015-PA,AGAP002015-PB	-	50	1.47E-05	1	1413.860	1.63	Malpighian tubule	2R:+:13939288-13939326;2R:+:13939288-13939326	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_91492	DLPPVAGSIIWAR	AGAP002015-PA,AGAP002015-PB	-	36	0.001583131	1	1394.783	2.68	Ovary	2R:+:13938943-13938981;2R:+:13938943-13938981	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_91642	EVDLSMDTDAPTQPTIRPGGDPQIQR	AGAP002015-PA,AGAP002015-PB	M6(Oxidation)	123	9.06E-12	1	2853.381	4.33	Malpighian tubule	2R:+:13940888-13940965;2R:+:13940888-13940965	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_92129	TLHNSALTWLELLPK	AGAP002015-PA,AGAP002015-PB	-	79	4.59E-08	2	1735.980	3.57	Malpighian tubule	2R:+:13954966-13955010;2R:+:13954966-13955010	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_93175	ESWQNYELDLINYQNK	AGAP002015-PA,AGAP002015-PB	-	60	1.63E-05	2	2056.976	7.3	Head	2R:+:13942487-13942534;2R:+:13942487-13942534	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_93476	ELIAQLEQSIAAYKEEYAQLISQAQAIK	AGAP002015-PA,AGAP002015-PB	-	52	2.87E-05	1	3149.683	3.13	Ovary	2R:+:13952116-13952199;2R:+:13952116-13952199	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_93829	AYGPIVIDYAK	AGAP002015-PA,AGAP002015-PB	-	35	0.003190342	1	1209.650	-1.23	Ovary	2R:+:13941386-13941418;2R:+:13941386-13941418	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_94009	YQVGLDKPVSQTYR	AGAP002015-PA,AGAP002015-PB	-	32	0.007470675	2	1653.863	2.36	Head	2R:+:13941104-13941145;2R:+:13941104-13941145	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_95290	TLHNSALTWLELLPK	AGAP002015-PA,AGAP002015-PB	-	36	0.000868727	1	1735.985	6.44	Head	2R:+:13954966-13955010;2R:+:13954966-13955010	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_95798	EYQTQLIQR	AGAP002015-PA,AGAP002015-PB	-	48	0.000240558	2	1178.617	0.05	Male reproductive organs	2R:+:13938756-13938782;2R:+:13938756-13938782	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_96006	LPNKPDPLEGAYAAIENQIGDVR	AGAP002015-PA,AGAP002015-PB	-	70	9.03E-07	1	2480.277	-0.49	Malpighian tubule	2R:+:13941161-13941229;2R:+:13941161-13941229	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_96110	FISDPQTQALYIQR	AGAP002015-PA,AGAP002015-PB	-	85	3.92E-08	2	1679.884	5.07	Malpighian tubule	2R:+:13936920-13936961;2R:+:13936920-13936961	exon=> In CDS Exon 1 of transcript AGAP002015-PA;exon=> In CDS Exon 1 of transcript AGAP002015-PB
JHU_Ag_96210	INEWLSLVEK	AGAP002015-PA,AGAP002015-PB	-	48	0.000205975	2	1230.674	1.17	Ovary	2R:+:13943177-13943206;2R:+:13943177-13943206	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_97643	DLPPVAGSIIWAR	AGAP002015-PA,AGAP002015-PB	-	54	2.38E-05	2	1394.788	6.1	Head	2R:+:13938943-13938981;2R:+:13938943-13938981	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB

JHU_Ag_97667	ILDDDSVITTLETLK	AGAP002015-PA,AGAP002015-PB	-	101	8.50E-10	2	1675.902	1.08	Head	2R:+:13953091-13953135;2R:+:13953091-13953135	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_98969	HESLLYTWLAEHKPLVLCGPPGSGK	AGAP002015-PA,AGAP002015-PB	C18(Carbamidomethyl)	115	3.22E-11	1	2789.454	3.34	Ovary	2R:+:13946890-13946964;2R:+:13946890-13946964	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_99023	LINFSEGSPYETLHAFISK	AGAP002015-PA,AGAP002015-PB	-	47	0.000234078	1	2153.102	4.92	Ovary	2R:+:13937358-13937414;2R:+:13937358-13937414	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_99178	QPSSALSAAGDTGVGGEGK	AGAP002015-PA,AGAP002015-PB	-	111	1.18E-10	2	1688.816	4.46	Ovary	2R:+:13938414-13938470;2R:+:13938414-13938470	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_99727	IVAEDKAVETR	AGAP002015-PA,AGAP002015-PB	-	66	3.48E-06	1	1230.672	2.74	Malpighian tubule	2R:+:13941812-13941844;2R:+:13941812-13941844	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_99989	VLTTVETTLNVLADSVLQEQPPLRR	AGAP002015-PA,AGAP002015-PB	-	40	0.000178834	1	2792.569	6.08	Ovary	2R:+:13943444-13943518;2R:+:13943444-13943518	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_100223	YQVGLDKPVSQTYR	AGAP002015-PA,AGAP002015-PB	-	43	0.000578586	1	1653.868	5.32	Malpighian tubule	2R:+:13941104-13941145;2R:+:13941104-13941145	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_100554	VFEEEALTWEEK	AGAP002015-PA,AGAP002015-PB	-	40	0.001564634	2	1509.719	5.67	Head	2R:+:13942628-13942663;2R:+:13942628-13942663	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_101308	VAAPDVVVPTLDTVR	AGAP002015-PA,AGAP002015-PB	-	37	0.000604011	1	1551.877	1.67	Ovary	2R:+:13946845-13946889;2R:+:13946845-13946889	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_102240	TPNGVVLAPVQLGK	AGAP002015-PA,AGAP002015-PB	-	79	1.70E-08	1	1392.828	5.15	Ovary	2R:+:13947091-13947132;2R:+:13947091-13947132	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_102859	MSVVLEELQDLR	AGAP002015-PA,AGAP002015-PB	M1(Oxidation)	91	1.33E-08	2	1447.752	4.27	Ovary	2R:+:13942040-13942075;2R:+:13942040-13942075	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_103301	VKDDIEALHEK	AGAP002015-PA,AGAP002015-PB	-	36	0.003680032	2	1296.680	0.77	Head	2R:+:13938783-13938815;2R:+:13938783-13938815	exon=> In CDS Exon 2 of transcript AGAP002015-PA;exon=> In CDS Exon 2 of transcript AGAP002015-PB
JHU_Ag_104001	LLASFLSK	AGAP002015-PA,AGAP002015-PB	-	33	0.001135445	2	878.538	4.35	Ovary	2R:+:13954597-13954620;2R:+:13954597-13954620	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_105225	TLHNSALTWLELLPK	AGAP002015-PA,AGAP002015-PB	-	78	4.63E-08	2	1735.988	7.72	Ovary	2R:+:13954966-13955010;2R:+:13954966-13955010	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_106210	TVDFLNDWEKNKPTGGR	AGAP002015-PA,AGAP002015-PB	-	56	3.76E-05	1	1976.986	1.77	Malpighian tubule	2R:+:13941845-13941895;2R:+:13941845-13941895	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_106936	SLETCPYSAATFADILSK	AGAP002015-PA,AGAP002015-PB	C5(Carbamidomethyl)	52	0.000122846	2	1973.962	4.71	Ovary	2R:+:13940681-13940734;2R:+:13940681-13940734	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_108129	KLEHLINEFVHK	AGAP002015-PA,AGAP002015-PB	-	29	0.007977743	1	1506.843	-0.15	Malpighian tubule	2R:+:13943522-13943557;2R:+:13943522-13943557	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_108669	VFEEEALTWEEK	AGAP002015-PA,AGAP002015-PB	-	44	0.000503218	2	1509.712	0.98	Male reproductive organs	2R:+:13942628-13942663;2R:+:13942628-13942663	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB

JHU_Ag_109153	EVDLSMDTDAPTQPTIRPGGDPQIQR	AGAP002015-PA,AGAP002015-PB	M6(Oxidation)	141	1.39E-13	1	2853.379	3.62	Ovary	2R:+:13940888-13940965;2R:+:13940888-13940965	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_109943	LCDEQLSNQSHYDFGLR	AGAP002015-PA,AGAP002015-PB	C2(Carbamidomethyl)	68	1.86E-06	1	2081.940	2.38	Malpighian tubule	2R:+:13944320-13944370;2R:+:13944320-13944370	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_110012	SLLQALNDAK	AGAP002015-PA,AGAP002015-PB	-	50	0.000155 23	2	1072.600	0.25	Malpighian tubule	2R:+:13953055-13953084;2R:+:13953055-13953084	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_110807	FTLASYLAQAVQDIK	AGAP002015-PA,AGAP002015-PB	-	54	3.18E-05	1	1667.908	4.83	Ovary	2R:+:13943216-13943260;2R:+:13943216-13943260	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_111923	SDLGDFLR	AGAP002015-PA,AGAP002015-PB	-	42	0.001111 286	2	922.463	0.61	Malpighian tubule	2R:+:13946695-13946718;2R:+:13946695-13946718	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_112476	LSTAEVFQDWAR	AGAP002015-PA,AGAP002015-PB	-	58	2.18E-05	2	1422.706	3.14	Ovary	2R:+:13939102-13939137;2R:+:13939102-13939137	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_113216	ALSSLFSMLNQGAR	AGAP002015-PA,AGAP002015-PB	-	81	1.12E-07	2	1494.777	2.67	Head	2R:+:13946521-13946562;2R:+:13946521-13946562	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_113939	INEWLSLVEK	AGAP002015-PA,AGAP002015-PB	-	61	1.07E-05	2	1230.680	6.03	Larva	2R:+:13943177-13943206;2R:+:13943177-13943206	exon=> In CDS Exon 4 of transcript AGAP002015-PA;exon=> In CDS Exon 4 of transcript AGAP002015-PB
JHU_Ag_114580	RVEDVLGR	AGAP002015-PA,AGAP002015-PB	-	49	0.000172 554	2	943.530	-2.18	Head	2R:+:13939015-13939038;2R:+:13939015-13939038	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_115111	RSDLEEQQLHLNVGLNK	AGAP002015-PA,AGAP002015-PB	-	111	7.19E-11	1	1993.052	2.86	Malpighian tubule	2R:+:13948732-13948782;2R:+:13948732-13948782	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_115318	LSTAEVFQDWAR	AGAP002015-PA,AGAP002015-PB	-	71	9.96E-07	2	1422.708	4.94	Malpighian tubule	2R:+:13939102-13939137;2R:+:13939102-13939137	exon=> In CDS Exon 3 of transcript AGAP002015-PA;exon=> In CDS Exon 3 of transcript AGAP002015-PB
JHU_Ag_115835	NVHLAPQWLVQLEK	AGAP002015-PA,AGAP002015-PB	-	84	1.87E-08	1	1674.938	3.19	Malpighian tubule	2R:+:13954099-13954140;2R:+:13954099-13954140	exon=> In CDS Exon 8 of transcript AGAP002015-PA;exon=> In CDS Exon 8 of transcript AGAP002015-PB
JHU_Ag_116903	EIAALLQPYFSSDGLVVR	AGAP002015-PA,AGAP002015-PB	-	82	3.71E-08	1	1978.075	5.13	Ovary	2R:+:13946413-13946466;2R:+:13946413-13946466	exon=> In CDS Exon 5 of transcript AGAP002015-PA;exon=> In CDS Exon 5 of transcript AGAP002015-PB
JHU_Ag_32435	APVHLVTGSAGCK	AGAP002016-PA	C12(Carbamidomethyl)	38	0.002134 378	1	1296.674	1	Malpighian tubule	2R:+:13957876-13957914	exon=> In CDS Exon 3 of transcript AGAP002016-PA
JHU_Ag_72800	APVHLVTGSAGCK	AGAP002016-PA	C12(Carbamidomethyl)	62	7.87E-06	1	1296.676	2.13	Head	2R:+:13957876-13957914	exon=> In CDS Exon 3 of transcript AGAP002016-PA
JHU_Ag_48187	FTLVPAIPLYK	AGAP002018-PB,AGAP002018-PA	-	42	0.000127 186	1	1261.757	1.37	Ovary	2R:+:13971303-13971335;2R:+:13971303-13971335	exon=> In CDS Exon 3 of transcript AGAP002018-PB;exon=> In CDS Exon 3 of transcript AGAP002018-PA
JHU_Ag_10406	YILAATLDNTLK	AGAP002019-PA	-	52	4.70E-05	1	1335.744	-5.95	Ovary	2R:-:14010832-14010797	exon=> In CDS Exon 3 of transcript AGAP002019-PA
JHU_Ag_55947	YILAATLDNTLK	AGAP002019-PA	-	57	1.06E-05	1	1335.750	-1.47	Midgut	2R:-:14010832-14010797	exon=> In CDS Exon 3 of transcript AGAP002019-PA
JHU_Ag_93162	MVPIGGPVGHGGHPIHIPTPIQTAPPPSQSQHAPSSQNR	AGAP002019-PA	N-Term(Acetyl), M1(Oxidation)	93	4.17E-09	1	4040.025	-1.51	Ovary	2R:-:14011699-14011583	exon=> In CDS Exon 1 of transcript AGAP002019-PA
JHU_Ag_107543	TLIDDDNPPVSFVK	AGAP002019-PA	-	51	0.000134 747	1	1559.796	0.3	Ovary	2R:-:14010892-14010851	exon=> In CDS Exon 3 of transcript AGAP002019-PA
JHU_Ag_1730	DPYYPYDFPELK	AGAP002020-PA	-	70	1.08E-06	1	1546.715	2.88	Visceras	2R:-:14012719-14012684	exon=> In CDS Exon 2 of transcript AGAP002020-PA

JHU_Ag_3427	SHYTFDK	AGAP002020-PA	-	45	0.000217695	1	897.410	-0.59	Head	2R:-:14012394-14012374	exon=> In CDS Exon 3 of transcript AGAP002020-PA
JHU_Ag_12064	NLHDTLHAETDFWSEDR	AGAP002020-PA	-	147	1.63E-14	1	2085.938	5.46	Midgut	2R:-:14012680-14012889,14012368-14012548	exon=> In CDS Exon 3 and 2 of transcript AGAP002020-PA
JHU_Ag_16227	DPYYPYDFPELKR	AGAP002020-PA	-	84	5.47E-08	1	1702.817	3.59	Visceras	2R:-:14012719-14012681	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_23408	KYGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	112	8.76E-11	1	2711.252	0.28	Head	2R:-:14012818-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_25566	DPYYPYDFPELKR	AGAP002020-PA	-	38	0.002083602	1	1702.813	0.79	Salivary gland	2R:-:14012719-14012681	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_30649	LPDVPVEAR	AGAP002020-PA	-	34	0.002868317	2	995.552	-0.28	Pupa	2R:-:14012746-14012720	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_32222	RNLHDTLHAETDFWSEDR	AGAP002020-PA	-	88	2.10E-08	1	2242.031	1.76	Midgut	2R:-:14012683-14012889,14012368-14012548	exon=> In CDS Exon 3 and 2 of transcript AGAP002020-PA
JHU_Ag_33750	SHYTFDKK	AGAP002020-PA	-	53	6.47E-05	1	1025.507	1.39	Visceras	2R:-:14012394-14012371	exon=> In CDS Exon 3 of transcript AGAP002020-PA
JHU_Ag_34440	DPYYPYDFPELK	AGAP002020-PA	-	58	1.89E-05	1	1546.715	3.04	Malpighian tubule	2R:-:14012719-14012684	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_41333	FGSAEPLR	AGAP002020-PA	-	43	0.001021792	2	876.459	1.88	Visceras	2R:-:14012547-14012524	exon=> In CDS Exon 3 of transcript AGAP002020-PA
JHU_Ag_42706	LPDVPVEAR	AGAP002020-PA	-	56	1.86E-05	2	995.550	-2.42	Midgut	2R:-:14012746-14012720	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_46676	YGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	85	2.78E-08	2	2583.158	0.68	Midgut	2R:-:14012815-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_47827	DPYYPYDFPELKR	AGAP002020-PA	-	43	0.000762538	1	1702.813	1.01	Pupa	2R:-:14012719-14012681	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_49311	YGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	126	2.23E-12	1	2583.164	3.04	Malpighian tubule	2R:-:14012815-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_51965	DPYYPYDFPELKR	AGAP002020-PA	-	47	0.000285931	1	1702.813	1.08	Head	2R:-:14012719-14012681	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_52030	KYGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	99	1.64E-09	1	2711.245	-2.42	Midgut	2R:-:14012818-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_54426	FGSAEPLR	AGAP002020-PA	-	47	0.000341172	1	876.458	1.12	Malpighian tubule	2R:-:14012547-14012524	exon=> In CDS Exon 3 of transcript AGAP002020-PA
JHU_Ag_66459	NLHDTLHAETDFWSEDR	AGAP002020-PA	-	133	3.96E-13	1	2085.931	2.19	Visceras	2R:-:14012680-14012889,14012368-14012548	exon=> In CDS Exon 3 and 2 of transcript AGAP002020-PA
JHU_Ag_69305	LPDVPVEAR	AGAP002020-PA	-	44	0.000286742	2	995.553	1.19	Malpighian tubule	2R:-:14012746-14012720	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_70536	FGSAEPLR	AGAP002020-PA	-	39	0.002132914	2	876.457	-0.69	Head	2R:-:14012547-14012524	exon=> In CDS Exon 3 of transcript AGAP002020-PA
JHU_Ag_74046	NLHDTLHAETDFWSEDR	AGAP002020-PA	-	112	5.17E-11	1	2085.930	1.72	Head	2R:-:14012680-14012889,14012368-14012548	exon=> In CDS Exon 3 and 2 of transcript AGAP002020-PA
JHU_Ag_74466	YGLTTAEYQPYPDDGLGYGDYPKLPDVPVEAR	AGAP002020-PA	-	81	1.15E-07	1	3559.707	4.5	Malpighian tubule	2R:-:14012815-14012720	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_74614	YGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	79	1.16E-07	2	2583.160	1.53	Head	2R:-:14012815-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_83548	YGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	59	1.18E-05	2	2583.163	2.66	Visceras	2R:-:14012815-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_85417	FGSAEPLR	AGAP002020-PA	-	51	0.000126466	1	876.457	0	Midgut	2R:-:14012547-14012524	exon=> In CDS Exon 3 of transcript AGAP002020-PA
JHU_Ag_86609	DPYYPYDFPELK	AGAP002020-PA	-	77	2.31E-07	1	1546.717	4.3	Midgut	2R:-:14012719-14012684	exon=> In CDS Exon 2 of transcript AGAP002020-PA

JHU_Ag_87305	LPDVPVEAR	AGAP002020-PA	-	36	0.002155892	1	995.551	-0.82	Head	2R:-:14012746-14012720	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_90003	DPYYPYDFPELKR	AGAP002020-PA	-	84	5.53E-08	1	1702.813	0.79	Malpighian tubule	2R:-:14012719-14012681	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_91862	KYGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	80	0.000000132	1	2711.261	3.46	Visceras	2R:-:14012818-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_93107	DYKPGKFPESDK	AGAP002020-PA	-	35	0.005677701	1	1410.692	1.09	Head	2R:-:14012875-14012840	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_93526	DYKPGK	AGAP002020-PA	-	35	0.002245601	2	707.369	-4.3	Head	2R:-:14012875-14012858	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_98501	NLHDTLHAETDFWSEDR	AGAP002020-PA	-	79	9.36E-08	1	2085.926	0.08	Ovary	2R:-:14012680-14012889,14012368-14012548	exon=> In CDS Exon 3 and 2 of transcript AGAP002020-PA
JHU_Ag_108095	KYGLTTAEYQPYPDDGLGYGDYPK	AGAP002020-PA	-	100	1.27E-09	1	2711.254	1.09	Malpighian tubule	2R:-:14012818-14012747	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_111846	DPYYPYDFPELKR	AGAP002020-PA	-	80	1.34E-07	1	1702.808	-2.01	Midgut	2R:-:14012719-14012681	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_112667	DPYYPYDFPELK	AGAP002020-PA	-	87	2.02E-08	1	1546.716	3.51	Head	2R:-:14012719-14012684	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_113532	LPDVPVEAR	AGAP002020-PA	-	49	0.000100375	2	995.553	0.95	Visceras	2R:-:14012746-14012720	exon=> In CDS Exon 2 of transcript AGAP002020-PA
JHU_Ag_115568	NLHDTLHAETDFWSEDR	AGAP002020-PA	-	135	2.51E-13	1	2085.931	2.42	Malpighian tubule	2R:-:14012680-14012889,14012368-14012548	exon=> In CDS Exon 3 and 2 of transcript AGAP002020-PA
JHU_Ag_89267	QPTTATTTVVDPLPIRPVVELIEPEAR	AGAP002021-PA	-	42	0.000143798	1	2942.626	2.17	Head	2R:+:14021473-14021553	exon=> In CDS Exon 3 of transcript AGAP002021-PA
JHU_Ag_39373	ITNIGIPISEITQEKR	AGAP002022-PA	-	54	1.74E-05	1	1812.026	1.85	Ovary	2R:-:14024903-14024856	exon=> In CDS Exon 2 of transcript AGAP002022-PA
JHU_Ag_39606	FSGLDQVAPIAGEVWK	AGAP002022-PA	-	70	1.25E-06	2	1716.903	4.07	Ovary	2R:-:14025096-14025049	exon=> In CDS Exon 1 of transcript AGAP002022-PA
JHU_Ag_41724	DVYDYTK	AGAP002022-PA	-	32	0.003047975	1	903.411	1.52	Ovary	2R:-:14024192-14024172	exon=> In CDS Exon 3 of transcript AGAP002022-PA
JHU_Ag_48367	TNTGVHLPAELAVVR	AGAP002022-PA	-	72	3.78E-07	1	1576.884	2.1	Ovary	2R:-:14024642-14024598	exon=> In CDS Exon 3 of transcript AGAP002022-PA
JHU_Ag_70682	GISCDYHEEKDNVLYCPLSR	AGAP002022-PA	C4(Carbamidomethyl), C16(Carbamidomethyl)	72	7.01E-07	1	2455.113	4.46	Ovary	2R:-:14024171-14024112	exon=> In CDS Exon 3 of transcript AGAP002022-PA
JHU_Ag_74746	FSGLDQVAPIAGEVWKK	AGAP002022-PA	-	76	2.14E-07	1	1844.991	0.31	Ovary	2R:-:14025096-14025168,14024783-14024982	exon=> In CDS Exon 2 and 1 of transcript AGAP002022-PA
JHU_Ag_75564	HVPLNANTNPTACTYDLSSFVSAHDDRDSFVSGSNVSR	AGAP002022-PA	C13(Carbamidomethyl)	127	1.45E-12	1	4137.902	1.65	Ovary	2R:-:14024039-14023926	exon=> In CDS Exon 3 of transcript AGAP002022-PA
JHU_Ag_88533	LVSTLVMNAASK	AGAP002022-PA	M7(Oxidation)	51	7.91E-05	1	1249.683	1.02	Ovary	2R:-:14024822-14024787	exon=> In CDS Exon 2 of transcript AGAP002022-PA
JHU_Ag_91462	ICPLAELFFR	AGAP002022-PA	C2(Carbamidomethyl)	73	6.30E-07	1	1265.670	-1.23	Ovary	2R:-:14024303-14024274	exon=> In CDS Exon 3 of transcript AGAP002022-PA
JHU_Ag_115698	VESMLEHILSDHLSEIELR	AGAP002022-PA	M4(Oxidation)	89	2.02E-08	1	2266.139	0.34	Ovary	2R:-:14024360-14024304	exon=> In CDS Exon 3 of transcript AGAP002022-PA
JHU_Ag_69945	NLQNLDNVLPNK	AGAP002024-PA	-	40	0.001064154	2	1381.747	2.65	Visceras	2R:-:14052437-14052402	exon=> In CDS Exon 14 of transcript AGAP002024-PA
JHU_Ag_76739	NLQNLDNVLPNK	AGAP002024-PA	-	40	0.001097995	2	1381.743	-0.18	Male reproductive organs	2R:-:14052437-14052402	exon=> In CDS Exon 14 of transcript AGAP002024-PA
JHU_Ag_60591	DLPATFGGEIPDSGLK	AGAP002028-PA	-	79	2.39E-07	1	1616.822	3.23	Head	2R:-:14078240-14078193	exon=> In CDS Exon 2 of transcript AGAP002028-PA
JHU_Ag_63004	DLPATFGGEIPDSGLK	AGAP002028-PA	-	77	3.70E-07	1	1616.822	3.53	Midgut	2R:-:14078240-14078193	exon=> In CDS Exon 2 of transcript AGAP002028-PA

JHU_Ag_3734	LLGLYSVIK	AGAP002032-PA	-	23	0.001016319	2	1005.635	1.15	Pupa	2R:-:14106326-14106300	exon=> In CDS Exon 4 of transcript AGAP002032-PA
JHU_Ag_24938	TGTTSTILLTR	AGAP002032-PA	-	44	0.000230949	2	1163.665	1.84	Pupa	2R:-:14106992-14106960	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_29404	TLESYYPQFLYSR	AGAP002032-PA	-	39	0.001861781	1	1666.813	1.12	Head	2R:-:14107415-14107377	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_30081	NIFLEIVPR	AGAP002032-PA	-	64	4.01E-06	2	1100.645	-1.35	Visceras	2R:-:14107019-14106993	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_30776	YALPTLLGTPADILIENTVLATVR	AGAP002032-PA	-	39	0.000148563	3	2554.460	4.11	Pupa	2R:-:14105461-14105390	exon=> In CDS Exon 7 of transcript AGAP002032-PA
JHU_Ag_41469	TGTTSTILLTR	AGAP002032-PA	-	42	0.000372835	2	1163.665	1.73	Ovary	2R:-:14106992-14106960	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_45082	APFSLVNNVLR	AGAP002032-PA	-	46	0.000231112	2	1229.700	0.08	Visceras	2R:-:14104927-14104895	exon=> In CDS Exon 7 of transcript AGAP002032-PA
JHU_Ag_51180	TLESYYPQFLYSR	AGAP002032-PA	-	50	0.000161241	2	1666.816	3.1	Malpighian tubule	2R:-:14107415-14107377	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_56434	NIFLEIVPR	AGAP002032-PA	-	52	6.80E-05	2	1100.646	-0.58	Pupa	2R:-:14107019-14106993	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_66060	ADYPQNTDIR	AGAP002032-PA	-	43	0.00067077	2	1192.558	-0.78	Head	2R:-:14106512-14106483	exon=> In CDS Exon 4 of transcript AGAP002032-PA
JHU_Ag_66974	TGTTSTILLTR	AGAP002032-PA	-	34	0.002256462	2	1163.667	3.73	Malpighian tubule	2R:-:14106992-14106960	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_70543	VAAFTMLLFSNPTPGR	AGAP002032-PA	-	38	0.001488414	2	1721.914	5.69	Head	2R:-:14106374-14106327	exon=> In CDS Exon 4 of transcript AGAP002032-PA
JHU_Ag_77069	NIFLEIVPR	AGAP002032-PA	-	53	6.03E-05	2	1100.646	-0.13	Ovary	2R:-:14107019-14106993	exon=> In CDS Exon 3 of transcript AGAP002032-PA
JHU_Ag_97758	IVSLIQLNTIHIGR	AGAP002032-PA	-	48	9.73E-06	1	1576.953	-0.27	Visceras	2R:-:14104894-14104853	exon=> In CDS Exon 7 of transcript AGAP002032-PA
JHU_Ag_107682	IDDLGIQLLAR	AGAP002032-PA	-	92	3.92E-09	2	1226.710	-0.1	Visceras	2R:-:14105041-14105009	exon=> In CDS Exon 7 of transcript AGAP002032-PA
JHU_Ag_108842	APFSLVNNVLR	AGAP002032-PA	-	51	8.31E-05	1	1229.702	1.77	Ovary	2R:-:14104927-14104895	exon=> In CDS Exon 7 of transcript AGAP002032-PA
JHU_Ag_7080	YLESAGAIDCLSK	AGAP002033-PA	C10(Carbamidomethyl)	74	6.18E-07	1	1426.693	3.28	Male reproductive organs	2R:+:14100698-14100736	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_10878	IISMQEGADVAQVYQR	AGAP002033-PA	M4(Oxidation)	153	9.65E-15	1	1823.897	0.85	Male reproductive organs	2R:+:14101613-14101643,14101730-14101746	exon=> In CDS Exon 2 and 3 of transcript AGAP002033-PA
JHU_Ag_11942	FLDEAQANRFFPAGR	AGAP002033-PA	-	59	1.88E-05	1	1738.870	2.17	Male reproductive organs	2R:+:14101505-14101549	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_13537	YLESAGAIDCLSK	AGAP002033-PA	C10(Carbamidomethyl)	80	1.36E-07	2	1426.690	1.26	Malpighian tubule	2R:+:14100698-14100736	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_16562	LGLTEFEAVK	AGAP002033-PA	-	82	6.77E-08	2	1106.612	2.13	Male reproductive organs	2R:+:14102002-14102031	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_16882	LGLTEFEAVKEMVDGVK	AGAP002033-PA	-	64	5.38E-06	1	1864.984	6.27	Malpighian tubule	2R:+:14102002-14102052	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_21811	ALIELEKELEAGGGGEAAADEAPAAEE	AGAP002033-PA	-	64	6.51E-06	1	2640.263	3.9	Male reproductive organs	2R:+:14102053-14102133	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_28066	ALIELEK	AGAP002033-PA	-	50	0.000110236	2	815.487	-0.21	Male reproductive organs	2R:+:14102053-14102073	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_31988	LGLTEFEAVKEMVDGVK	AGAP002033-PA	M12(Oxidation)	61	1.06E-05	1	1880.953	-7.47	Male reproductive organs	2R:+:14102002-14102052	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_34509	TFVLWVNEEDHLR	AGAP002033-PA	-	88	2.25E-08	1	1657.834	0.48	Male reproductive organs	2R:+:14101574-14101612	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_40838	GLLLSVR	AGAP002033-PA	-	45	0.000366536	2	757.494	0.96	Malpighian tubule	2R:+:14100902-14100922	exon=> In CDS Exon 2 of transcript AGAP002033-PA

JHU_Ag_42906	HLTPEVLETLR	AGAP002033-PA	-	43	0.000284662	2	1307.737	3.57	Malpighian tubule	2R:+:14101010-14101042	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_43377	GLLLSVRR	AGAP002033-PA	-	43	8.81E-05	1	913.594	0.01	Male reproductive organs	2R:+:14100902-14100925	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_56553	AIFLNESK	AGAP002033-PA	-	44	0.000492447	2	921.503	-0.77	Male reproductive organs	2R:+:14101550-14101573	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_64427	FLDEAQANR	AGAP002033-PA	-	58	2.77E-05	2	1063.519	1.74	Male reproductive organs	2R:+:14101505-14101531	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_72200	GLLLSVR	AGAP002033-PA	-	53	5.63E-05	2	757.493	-0.49	Male reproductive organs	2R:+:14100902-14100922	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_74658	LGFLTFCPTNLGTAIR	AGAP002033-PA	C7(Carbamidomethyl)	83	5.98E-08	1	1780.945	2.08	Male reproductive organs	2R:+:14101804-14101851	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_79769	LYQEDHKPEDACK	AGAP002033-PA	C12(Carbamidomethyl)	91	1.14E-08	1	1632.753	12.89	Male reproductive organs	2R:+:14100749-14100787	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_81457	ECDRFLDEAQANR	AGAP002033-PA	C2(Carbamidomethyl)	61	4.68E-06	1	1623.718	-0.23	Male reproductive organs	2R:+:14101493-14101531	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_84315	STLLDCVQSGLK	AGAP002033-PA	C6(Carbamidomethyl)	68	2.84E-06	2	1320.687	3.11	Malpighian tubule	2R:+:14101067-14101102	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_88497	FITALETLGQK	AGAP002033-PA	-	84	2.46E-08	1	1220.689	0.06	Male reproductive organs	2R:+:14101747-14101779	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_93689	MQEDQYEEIYEK	AGAP002033-PA	M1(Oxidation)	82	2.34E-08	2	1620.673	-0.49	Male reproductive organs	2R:+:14101343-14101378	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_98860	RLGLTEFEAVK	AGAP002033-PA	-	47	0.000167518	2	1262.711	0.86	Male reproductive organs	2R:+:14101999-14102031	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_99697	SVEGMPFHPR	AGAP002033-PA	M5(Oxidation)	36	0.002766942	1	1172.560	7.23	Male reproductive organs	2R:+:14101313-14101342	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_107462	GVHGEHTDTGDGVLDVSNK	AGAP002033-PA	-	116	3.35E-11	1	1936.899	-0.39	Male reproductive organs	2R:+:14101939-14101995	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_109681	KYLESAGAIDCLSK	AGAP002033-PA	C11(Carbamidomethyl)	95	4.42E-09	1	1554.784	0.29	Male reproductive organs	2R:+:14100695-14100736	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_110666	STLLDCVQSGLK	AGAP002033-PA	C6(Carbamidomethyl)	91	1.49E-08	1	1320.684	0.61	Male reproductive organs	2R:+:14101067-14101102	exon=> In CDS Exon 2 of transcript AGAP002033-PA
JHU_Ag_115171	LGFLTFCPTNLGTAIR	AGAP002033-PA	C7(Carbamidomethyl)	47	0.000199613	1	1780.948	3.59	Ovary	2R:+:14101804-14101851	exon=> In CDS Exon 3 of transcript AGAP002033-PA
JHU_Ag_5015	LSLDAIADYVQGVKR	AGAP002037-PA	-	79	8.71E-08	1	1647.909	1.49	Midgut	2R:-:14116708-14116664	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_7217	SVNAGQLGGLSGPPLK	AGAP002037-PA	-	60	5.58E-06	2	1494.828	0.09	Male reproductive organs	2R:-:14116378-14116331	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_14863	LLEANGYASVQDAVGK	AGAP002037-PA	N5(Deamidated)	90	2.12E-08	2	1635.817	-3.33	Midgut	2R:-:14116132-14116085	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_20068	STLQTLLTEVLK	AGAP002037-PA	-	89	4.73E-09	1	1345.795	0.72	Ovary	2R:-:14116585-14116550	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_40243	LAPDLSEEDLREIVDVVR	AGAP002037-PA	-	35	0.002503337	1	2068.101	4.34	Malpighian tubule	2R:-:14116501-14116448	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_44655	SVNAGQLGGLSGPPLK	AGAP002037-PA	-	81	4.31E-08	2	1494.827	-0.24	Midgut	2R:-:14116378-14116331	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_46831	LSLDAIADYVQGVK	AGAP002037-PA	-	59	1.10E-05	2	1491.809	2.42	Midgut	2R:-:14116708-14116667	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_108799	IPIIGVGGIFTGEDAFEK	AGAP002037-PA	-	153	5.02E-15	1	1862.986	-1.98	Midgut	2R:-:14116279-14116226	exon=> In CDS Exon 2 of transcript AGAP002037-PA
JHU_Ag_3703	ATGANGGEATDALLK	AGAP002038-PA	N5(Deamidated)	43	0.000930675	2	1389.685	-0.78	Visceras	2R:-:14127580-14127536	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_10267	AYQVACECAAK	AGAP002038-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	50	6.83E-05	2	1270.558	2.07	Malpighian tubule	2R:-:14128255-14128223	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_17282	ILDYAALLVER	AGAP002038-PA	-	69	7.81E-07	2	1275.730	-0.3	Ovary	2R:-:14127178-14127146	exon=> In CDS Exon 1 of transcript AGAP002038-PA

JHU_Ag_20489	LLDEGDELK	AGAP002038-PA	-	40	0.001693 72	1	1031.536	10.03	Salivary gland	2R:-:14126401-14126375	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_39308	HDLAGQLLLELISNKK	AGAP002038-PA	-	34	0.000715 293	3	1792.033	0.04	Visceras	2R:-:14127745-14127698	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_39735	VLKMVR	AGAP002038-PA	M4(Oxidation)	40	0.000419 246	2	761.467	-4.24	Malpighian tubule	2R:-:14128630-14128613	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_40941	ILDYAALLVER	AGAP002038-PA	-	69	6.89E-07	2	1275.733	2	Visceras	2R:-:14127178-14127146	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_45643	HDLAGQLLLELISNKK	AGAP002038-PA	-	59	1.71E-06	1	1792.041	4.44	Ovary	2R:-:14127745-14127698	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_57145	LKVDPDQETLTQYVLPK	AGAP002038-PA	-	50	6.73E-05	3	1987.085	5.21	Malpighian tubule	2R:-:14128075-14128025	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_58769	TLEQLR	AGAP002038-PA	-	47	0.000461 197	2	759.437	0.72	Visceras	2R:-:14127232-14127215	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_76891	LALTLK	AGAP002038-PA	-	20	0.007346 797	1	658.450	0.29	Midgut	2R:-:14128024-14128007	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_88731	TLEQLR	AGAP002038-PA	-	45	0.000662 654	2	759.435	-1.85	Head	2R:-:14127232-14127215	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_103012	GLLGVLAEK	AGAP002038-PA	-	52	3.47E-05	2	899.557	0.52	Visceras	2R:-:14128882-14128856	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_112911	VLLQVYR	AGAP002038-PA	Q4(Deamidated)	42	0.000294 749	1	891.530	0.25	Salivary gland	2R:-:14128987-14128967	exon=> In CDS Exon 1 of transcript AGAP002038-PA
JHU_Ag_61414	IVAVYSNNDNK	AGAP002040-PA,AGAP002040-PB	N7(Deamidated), N8(Deamidated)	39	0.001727 041	1	1238.591	0.63	Midgut	2R:+:14296491-14296523;2R:+:14296491-14296523	exon=> In CDS Exon 4 of transcript AGAP002040-PA;exon=> In CDS Exon 5 of transcript AGAP002040-PB
JHU_Ag_44007	TSAAEQLEQLAGAILTK	AGAP002041-PA,AGAP002041-PB	Q6(Deamidated)	37	0.002075 469	1	1744.922	-6.38	Midgut	2R:-:14357991-14357941;2R:-:14357991-14357941	exon=> In CDS Exon 1 of transcript AGAP002041-PA;exon=> In CDS Exon 1 of transcript AGAP002041-PB
JHU_Ag_13535	LSDITPEFKK	AGAP002047-PA	-	48	0.000165 727	2	1177.646	-0.69	Head	2R:+:14527400-14527429	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_16707	AIVVVSVAGAFR	AGAP002047-PA	-	61	2.35E-06	2	1188.711	1.04	Salivary gland	2R:+:14526466-14526501	exon=> In CDS Exon 1 of transcript AGAP002047-PA
JHU_Ag_18250	SFLLDFFLR	AGAP002047-PA	-	43	0.000760 55	1	1157.636	0.75	Ovary	2R:+:14526511-14526537	exon=> In CDS Exon 1 of transcript AGAP002047-PA
JHU_Ag_19895	LEQDLDETFVTFR	AGAP002047-PA	-	52	9.37E-05	1	1612.790	3.13	Head	2R:+:14527891-14527929	exon=> In CDS Exon 5 of transcript AGAP002047-PA
JHU_Ag_23868	DTTGILMWSDIFLHDR	AGAP002047-PA	M7(Oxidation)	42	0.001036 37	1	1935.932	2.66	Head	2R:+:14526721-14526768	exon=> In CDS Exon 2 of transcript AGAP002047-PA
JHU_Ag_26076	GIQHVATHATEYAISGGNAGGGR	AGAP002047-PA	-	86	3.71E-08	1	2224.089	1.71	Salivary gland	2R:+:14529742-14529810	exon=> In CDS Exon 7 of transcript AGAP002047-PA
JHU_Ag_30715	LSDITPEFK	AGAP002047-PA	-	42	0.000866 666	2	1049.552	0.15	Salivary gland	2R:+:14527400-14527426	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_33649	YVHHQSVLEWLGDESEPLSGFSWR	AGAP002047-PA	-	129	2.01E-12	1	2858.359	1.89	Head	2R:+:14526634-14526705	exon=> In CDS Exon 2 of transcript AGAP002047-PA
JHU_Ag_55597	EKLEQDLDETFVTFR	AGAP002047-PA	-	96	4.40E-09	1	1869.930	3.94	Head	2R:+:14527885-14527929	exon=> In CDS Exon 5 of transcript AGAP002047-PA
JHU_Ag_56752	DLVQYFK	AGAP002047-PA	-	33	0.003805 87	1	912.478	-4.98	Head	2R:+:14527514-14527534	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_66606	SMLVATAEANNLTAVAAAK	AGAP002047-PA	M2(Oxidation)	99	1.42E-09	2	1861.976	3.68	Salivary gland	2R:+:14527580-14527636	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_74490	EKLEQDLDETFVTFR	AGAP002047-PA	-	107	2.98E-10	2	1869.938	8.25	Salivary gland	2R:+:14527885-14527929	exon=> In CDS Exon 5 of transcript AGAP002047-PA
JHU_Ag_78554	YVHHQSVLEWLGDESEPLSGFSWR	AGAP002047-PA	-	98	2.21E-09	1	2858.374	7.28	Visceras	2R:+:14526634-14526705	exon=> In CDS Exon 2 of transcript AGAP002047-PA

JHU_Ag_90342	SFLLDFFLR	AGAP002047-PA	-	33	0.006578518	2	1157.636	0.54	Head	2R:+:14526511-14526537	exon=> In CDS Exon 1 of transcript AGAP002047-PA
JHU_Ag_95598	LALADSGKKPFQR	AGAP002047-PA	-	45	0.00018503	1	1430.811	-0.09	Malpighian tubule	2R:+:14527139-14527177	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_100856	LQFLVR	AGAP002047-PA	-	31	0.003617337	2	775.483	0.09	Head	2R:+:14527178-14527195	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_104782	ELVPMLLAPENLIVK	AGAP002047-PA	M5(Oxidation)	43	0.000176723	1	1694.979	1.61	Head	2R:+:14527439-14527483	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_107755	ELVPMLLAPENLIVK	AGAP002047-PA	-	42	9.83E-05	2	1678.987	3.54	Visceras	2R:+:14527439-14527483	exon=> In CDS Exon 4 of transcript AGAP002047-PA
JHU_Ag_108810	GIQHVATHATEYAISGGNAGGGR	AGAP002047-PA	-	137	3.17E-13	1	2224.084	-0.68	Visceras	2R:+:14529742-14529810	exon=> In CDS Exon 7 of transcript AGAP002047-PA
JHU_Ag_109993	GIQHVATHATEYAISGGNAGGGR	AGAP002047-PA	-	141	1.20E-13	1	2224.086	0.13	Head	2R:+:14529742-14529810	exon=> In CDS Exon 7 of transcript AGAP002047-PA
JHU_Ag_9850	HWLVGNIPGADVDAGDVLADYVGSGPPQGTGLHR	AGAP002049-PA	-	47	0.000217462	1	3440.698	-0.21	Larva	2R:-:14551825-14551724	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_18837	HWLVGNIPGADVDAGDVLADYVGSGPPQGTGLHR	AGAP002049-PA	-	97	2.30E-09	1	3440.697	-0.47	Pupa	2R:-:14551825-14551724	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_63600	ITYPQSDVEVSLGNQLTPTQVK	AGAP002049-PA	-	44	0.000382503	2	2417.262	2.62	Larva	2R:-:14551999-14551934	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_69674	NEIVPDLIDVAPEQTIK	AGAP002049-PA	-	77	1.97E-07	1	1894.020	1.68	Pupa	2R:-:14552050-14552000	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_69679	NEIVPDLIDVAPEQTIK	AGAP002049-PA	-	72	6.06E-07	1	1894.020	1.68	Head	2R:-:14552050-14552000	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_73339	ITYPQSDVEVSLGNQLTPTQVK	AGAP002049-PA	-	86	2.27E-08	1	2417.266	4.13	Pupa	2R:-:14551999-14551934	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_102761	ITYPQSDVEVSLGNQLTPTQVK	AGAP002049-PA	-	82	6.63E-08	1	2417.260	1.71	Head	2R:-:14551999-14551934	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_104675	NEIVPDLIDVAPEQTIK	AGAP002049-PA	-	57	1.80E-05	1	1894.027	5.29	Larva	2R:-:14552050-14552000	exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_11209	YVFLVYK	AGAP002049-PA,AGAP008909-PA	-	45	0.000469014	1	931.531	2.7	Malpighian tubule	2R:-:14551723-14551703;3R:-:20628458-20628438	exon=> In CDS Exon 1 of transcript AGAP002049-PA;exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_21414	YVFLVYK	AGAP002049-PA,AGAP008909-PA	-	45	0.000528577	1	931.528	-0.77	Salivary gland	2R:-:14551723-14551703;3R:-:20628458-20628438	exon=> In CDS Exon 1 of transcript AGAP002049-PA;exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_45214	YVFLVYK	AGAP002049-PA,AGAP008909-PA	-	45	0.000469506	1	931.529	-0.05	Male reproductive organs	2R:-:14551723-14551703;3R:-:20628458-20628438	exon=> In CDS Exon 1 of transcript AGAP002049-PA;exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_65167	YVFLVYK	AGAP002049-PA,AGAP008909-PA	-	38	0.002219148	1	931.530	0.82	Head	2R:-:14551723-14551703;3R:-:20628458-20628438	exon=> In CDS Exon 1 of transcript AGAP002049-PA;exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_36494	EGTALVEALAGVR	AGAP002050-PA	-	49	0.000130617	2	1285.711	0.18	Salivary gland	2R:-:14557447-14557409	exon=> In CDS Exon 3 of transcript AGAP002050-PA
JHU_Ag_116168	ASIAGTHVYNPYATNLR	AGAP002050-PA	-	47	0.000267173	1	1847.942	1.19	Salivary gland	2R:-:14557753-14557703	exon=> In CDS Exon 3 of transcript AGAP002050-PA
JHU_Ag_22150	YYFPR	AGAP002053-PA	-	37	0.00119375	2	745.367	0.92	Head	2R:+:14657207-14657221	exon=> In CDS Exon 4 of transcript AGAP002053-PA
JHU_Ag_22556	DNLDAPLTDDAEQTK	AGAP002053-PA	Q13(Deamidated)	116	2.52E-11	1	1645.760	2.64	Head	2R:+:14657150-14657194	exon=> In CDS Exon 4 of transcript AGAP002053-PA
JHU_Ag_95608	VISTNYRPPGINRPAA	AGAP002053-PA	-	60	7.04E-06	1	1725.944	2.4	Head	2R:+:14657430-14657477	exon=> In CDS Exon 5 of transcript AGAP002053-PA

JHU_Ag_100425	SPGAILSWAIPAANR	AGAP002053-PA	-	65	2.02E-06	1	1523.835	1.34	Head	2R:+:14657237-14657281	exon=> In CDS Exon 4 of transcript AGAP002053-PA
JHU_Ag_2260	VYITDLQVQK	AGAP002054-PA	-	65	2.21E-06	1	1206.672	-0.71	Male reproductive organs	2R:-:14675769-14675740	exon=> In CDS Exon 1 of transcript AGAP002054-PA
JHU_Ag_12260	TFGAVVALCK	AGAP002054-PA	C9(Carbamidomethyl)	53	4.66E-05	2	1065.578	1.52	Salivary gland	2R:-:14662311-14662282	exon=> In CDS Exon 3 of transcript AGAP002054-PA
JHU_Ag_12603	GCEVTPEVNLAQK	AGAP002054-PA	C2(Carbamidomethyl)	53	7.21E-05	2	1444.715	3.47	Malpighian tubule	2R:-:14661092-14661054	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_14221	MIHVGDNTWNLK	AGAP002054-PA	N-Term(Acetyl), M1(Oxidation)	44	0.000552 42	2	1485.715	-0.27	Male reproductive organs	2R:-:14675805-14675770	exon=> In CDS Exon 1 of transcript AGAP002054-PA
JHU_Ag_15197	INQLYEQAK	AGAP002054-PA	-	43	0.000691 26	2	1106.585	0.62	Head	2R:-:14661610-14661584	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_15426	ANSAPQVTINLR	AGAP002054-PA	-	76	2.05E-07	1	1283.707	0.21	Visceras	2R:-:14661128-14661093	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_22750	ANSAPQVTINLRGCEVTPEVNLAQK	AGAP002054-PA	C14(Carbamidomethyl)	65	3.50E-06	1	2709.414	5.61	Malpighian tubule	2R:-:14661128-14661054	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_26209	SLADSSYDSEVASIR	AGAP002054-PA	-	127	2.26E-12	1	1599.750	0.43	Male reproductive organs	2R:-:14660927-14660883	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_26703	VYITDLQVQK	AGAP002054-PA	-	52	4.48E-05	2	1206.673	-0.1	Salivary gland	2R:-:14675769-14675740	exon=> In CDS Exon 1 of transcript AGAP002054-PA
JHU_Ag_35908	GCEVTPEVNLAQK	AGAP002054-PA	C2(Carbamidomethyl)	45	0.000388 393	2	1444.710	-0.08	Salivary gland	2R:-:14661092-14661054	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_39426	SFLSMQKPAQAPAININPGEIDPSEYLA PR	AGAP002054-PA	M5(Oxidation)	73	4.66E-07	1	3270.652	1.63	Visceras	2R:-:14660882-14660793	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_46285	SFLSMQKPAQAPAININPGEIDPSEYLA PR	AGAP002054-PA	M5(Oxidation)	84	3.77E-08	1	3270.643	-1.17	Male reproductive organs	2R:-:14660882-14660793	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_46410	GCEVTPEVNLAQK	AGAP002054-PA	C2(Carbamidomethyl)	74	4.97E-07	1	1444.710	0.17	Visceras	2R:-:14661092-14661054	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_46699	STLDQVGLHADALLHFTPMHK	AGAP002054-PA	M19(Oxidation)	58	2.17E-05	1	2347.187	0.42	Midgut	2R:-:14666881-14666819	exon=> In CDS Exon 2 of transcript AGAP002054-PA
JHU_Ag_50563	MIHVGDNTWNLKVYITDLQVQK	AGAP002054-PA	N-Term(Acetyl), M1(Oxidation)	91	7.42E-09	1	2673.386	5.81	Malpighian tubule	2R:-:14675805-14675740	exon=> In CDS Exon 1 of transcript AGAP002054-PA
JHU_Ag_54209	ELQITLEGPSNGVNAGDITHIPELTDYL R	AGAP002054-PA	-	96	2.41E-09	1	3165.623	5.1	Head	2R:-:14661415-14661329	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_56873	SFLSMQKPAQAPAININPGEIDPSEYLA PR	AGAP002054-PA	M5(Oxidation)	66	2.29E-06	1	3270.663	5.1	Malpighian tubule	2R:-:14660882-14660793	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_64863	GCEVTPEVNLAQK	AGAP002054-PA	C2(Carbamidomethyl)	35	0.004142 584	2	1444.707	-2.19	Head	2R:-:14661092-14661054	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_66949	YYTFFDLNPK	AGAP002054-PA	-	59	2.45E-05	2	1307.633	1.94	Visceras	2R:-:14661655-14661626	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_73618	VRGDLHIGGVMLR	AGAP002054-PA	M11(Oxidation)	45	0.000207 086	1	1438.802	4.74	Malpighian tubule	2R:-:14675730-14675692	exon=> In CDS Exon 1 of transcript AGAP002054-PA
JHU_Ag_75894	ETNQTLNEELFHK	AGAP002054-PA	-	54	6.09E-05	2	1602.773	-2.1	Head	2R:-:14660305-14660267	exon=> In CDS Exon 6 of transcript AGAP002054-PA
JHU_Ag_76506	HGHGSGNSDSSSSTGDGNENLAYSPY APSPEAR	AGAP002054-PA	-	110	3.63E-11	1	3305.391	-1.62	Head	2R:-:14661880-14661782	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_78125	IHVGDNTWNLK	AGAP002054-PA	N-Term(Acetyl), N6(Deamidated), N9(Deamidated)	34	0.004817 3	1	1340.630	-13.6	Midgut	2R:-:14675802-14675770	exon=> In CDS Exon 1 of transcript AGAP002054-PA
JHU_Ag_80113	SLADSSYDSEVASIR	AGAP002054-PA	-	102	7.87E-10	2	1599.752	1.11	Pupa	2R:-:14660927-14660883	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_88474	INQLYEQAK	AGAP002054-PA	-	57	3.20E-05	2	1106.583	-0.71	Visceras	2R:-:14661610-14661584	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_88809	ANSAPQVTINLR	AGAP002054-PA	-	42	0.000527 421	2	1283.707	0.21	Salivary gland	2R:-:14661128-14661093	exon=> In CDS Exon 5 of transcript AGAP002054-PA

JHU_Ag_92275	ANSAPQVTINLR	AGAP002054-PA	-	76	1.78E-07	1	1283.708	0.79	Head	2R:-:14661128-14661093	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_92940	ELQITLEGPSNGVNAGDITHIPELTDYLR	AGAP002054-PA	-	73	4.88E-07	1	3165.606	-0.1	Visceras	2R:-:14661415-14661329	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_94968	YYTFFDLNPK	AGAP002054-PA	-	59	2.26E-05	2	1307.630	-0.3	Male reproductive organs	2R:-:14661655-14661626	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_98535	SLADSSYDSEVASIR	AGAP002054-PA	-	97	2.97E-09	2	1599.757	4.85	Malpighian tubule	2R:-:14660927-14660883	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_99172	YYTFFDLNPK	AGAP002054-PA	-	62	1.12E-05	2	1307.633	1.85	Head	2R:-:14661655-14661626	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_101221	DWSDHALWWPTR	AGAP002054-PA	-	80	1.20E-07	1	1569.722	-0.83	Male reproductive organs	2R:-:14666941-14666906	exon=> In CDS Exon 2 of transcript AGAP002054-PA
JHU_Ag_105504	SLADSSYDSEVASIR	AGAP002054-PA	-	106	3.47E-10	2	1599.753	1.8	Head	2R:-:14660927-14660883	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_106691	ANSAPQVTINLR	AGAP002054-PA	-	49	8.15E-05	2	1283.712	4.02	Malpighian tubule	2R:-:14661128-14661093	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_109500	HGHGSGNSDSSSSTGDGNENLAYSPYAPSPEAR	AGAP002054-PA	-	61	3.27E-06	1	3305.404	2.37	Malpighian tubule	2R:-:14661880-14661782	exon=> In CDS Exon 4 of transcript AGAP002054-PA
JHU_Ag_110635	SLADSSYDSEVASIR	AGAP002054-PA	-	100	1.36E-09	2	1599.752	1.57	Visceras	2R:-:14660927-14660883	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_112462	DLSLIEAK	AGAP002054-PA	-	58	3.10E-05	2	888.504	0.33	Head	2R:-:14660729-14660706	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_117561	SFLSMQKPAQAPAININPGEIDPSEYLAPR	AGAP002054-PA	M5(Oxidation)	109	9.89E-11	1	3270.657	3.09	Head	2R:-:14660882-14660793	exon=> In CDS Exon 5 of transcript AGAP002054-PA
JHU_Ag_865	AVFDVPASEIHDTYINMDGWGK	AGAP002055-PA	M17(Oxidation)	120	1.59E-11	1	2481.148	3.54	Larva	2R:+:14681829-14681894	exon=> In CDS Exon 6 of transcript AGAP002055-PA
JHU_Ag_1042	ELLKPTGNTIVVVEQQK	AGAP002055-PA	-	55	7.61E-06	1	1896.083	1.66	Malpighian tubule	2R:+:14682048-14682098	exon=> In CDS Exon 7 of transcript AGAP002055-PA
JHU_Ag_4667	GMAVHGPVVLK	AGAP002055-PA	M2(Oxidation)	44	0.000328213	2	1123.631	1.22	Malpighian tubule	2R:+:14681796-14681828	exon=> In CDS Exon 6 of transcript AGAP002055-PA
JHU_Ag_5614	INFDILDDYK	AGAP002055-PA	-	76	3.69E-07	1	1255.625	3.2	Larva	2R:+:14681543-14681572	exon=> In CDS Exon 5 of transcript AGAP002055-PA
JHU_Ag_16316	MTLEAIELTMVDTILSER	AGAP002055-PA	M1(Oxidation), M10(Oxidation)	149	1.66E-14	1	2097.054	3.82	Larva	2R:+:14681121-14681174	exon=> In CDS Exon 4 of transcript AGAP002055-PA
JHU_Ag_18085	AMLGVEAANK	AGAP002055-PA	M2(Oxidation)	73	1.06E-06	2	1019.523	3.85	Larva	2R:+:14681181-14681210	exon=> In CDS Exon 4 of transcript AGAP002055-PA
JHU_Ag_23923	GILGNVTIQTFAEPYTK	AGAP002055-PA	-	117	1.57E-11	1	1851.991	2.96	Larva	2R:+:14681643-14681693	exon=> In CDS Exon 6 of transcript AGAP002055-PA
JHU_Ag_24433	DPNMLTINGLHDR	AGAP002055-PA	M4(Oxidation),"M4(Oxidation), N8(Deamidated)"	104	5.38E-10	1	1512.721	6.48	Larva	2R:+:14681295-14681333	exon=> In CDS Exon 4 of transcript AGAP002055-PA
JHU_Ag_25655	YPGIAVR	AGAP002055-PA	-	34	0.004776155	1	775.449	3.26	Larva	2R:+:14680341-14680361	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_26183	AQVYLDQFLAGTLAR	AGAP002055-PA	-	49	0.000113502	3	1665.898	1.07	Pupa	2R:+:14681334-14681354,14681441-14681464	exon=> In CDS Exon 4 and 5 of transcript AGAP002055-PA
JHU_Ag_27207	MEPYMYGNGGPIIMVQIENEYGAFGK	AGAP002055-PA	M1(Oxidation), M5(Oxidation), M14(Oxidation),"M1(Oxidation), M5(Oxidation), N8(Deamidated), M14(Oxidation)"	121	7.21E-12	1	2957.313	2.92	Larva	2R:+:14680422-14680499	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_27208	GMAVHGPVVLK	AGAP002055-PA	M2(Oxidation)	68	1.13E-06	1	1123.632	2.73	Larva	2R:+:14681796-14681828	exon=> In CDS Exon 6 of transcript AGAP002055-PA

JHU_Ag_27987	DIIGEYIPLAVMPIPDPAPK	AGAP002055-PA	M12(Oxidation)	113	3.27E-11	1	2165.167	4.7	Larva	2R:+:14680989-14681003,14681076-14681120	exon=> In CDS Exon 3 and 4 of transcript AGAP002055-PA
JHU_Ag_30786	TSDANYLEEVR	AGAP002055-PA	-	81	1.10E-07	2	1296.612	4.28	Larva	2R:+:14680362-14680394	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_36566	CDKPYLNFLK	AGAP002055-PA	C1(Carbamidomethyl)	56	2.98E-05	1	1297.665	3.46	Larva	2R:+:14680500-14680529	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_38808	TSDANYLEEVRK	AGAP002055-PA	-	78	2.25E-07	2	1424.700	-1.07	Pupa	2R:+:14680362-14680397	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_39359	GFIFINGFNLGR	AGAP002055-PA	N6(Deamidated)	89	1.30E-08	1	1355.718	5.42	Larva	2R:+:14681967-14682002	exon=> In CDS Exon 7 of transcript AGAP002055-PA
JHU_Ag_40074	INFDILDDYK	AGAP002055-PA	-	79	1.51E-07	2	1255.620	-0.3	Pupa	2R:+:14681543-14681572	exon=> In CDS Exon 5 of transcript AGAP002055-PA
JHU_Ag_40681	GMAVHGPVVLK	AGAP002055-PA	-	55	1.15E-05	2	1107.634	-0.27	Pupa	2R:+:14681796-14681828	exon=> In CDS Exon 6 of transcript AGAP002055-PA
JHU_Ag_44544	LTRDPNMLTINGLHDR	AGAP002055-PA	M7(Oxidation), N11(Deamidated)	54	5.05E-05	1	1882.955	5.61	Larva	2R:+:14681286-14681333	exon=> In CDS Exon 4 of transcript AGAP002055-PA
JHU_Ag_49985	DPNMLTINGLHDR	AGAP002055-PA	M4(Oxidation)	48	0.000245959	1	1511.730	1.92	Malpighian tubule	2R:+:14681295-14681333	exon=> In CDS Exon 4 of transcript AGAP002055-PA
JHU_Ag_51645	TSDANYLEEVRK	AGAP002055-PA	-	89	1.87E-08	1	1424.705	2.27	Larva	2R:+:14680362-14680397	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_52366	RPAQPLAATLR	AGAP002055-PA	-	58	3.19E-06	1	1193.714	2.01	Larva	2R:+:14680773-14680805	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_53693	YMADITSYDYDAPMDEAGDPTMK	AGAP002055-PA	M2(Oxidation), M14(Oxidation), M22(Oxidation)	97	2.91E-10	1	2648.043	2.59	Larva	2R:+:14680905-14680973	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_59943	RPAQPLAATLRK	AGAP002055-PA	-	54	2.01E-06	1	1321.810	3.02	Larva	2R:+:14680773-14680808	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_60141	ITGYSFDDYSK	AGAP002055-PA	-	54	4.30E-05	1	1295.579	-0.11	Pupa	2R:+:14681712-14681744	exon=> In CDS Exon 6 of transcript AGAP002055-PA
JHU_Ag_60937	YVAGSFHYFR	AGAP002055-PA	-	58	2.36E-05	1	1246.605	3.82	Larva	2R:+:14679978-14680007	exon=> In CDS Exon 2 of transcript AGAP002055-PA
JHU_Ag_63725	GILGNVTIQTFAEPYTK	AGAP002055-PA	-	83	3.96E-08	1	1851.990	2.57	Pupa	2R:+:14681643-14681693	exon=> In CDS Exon 6 of transcript AGAP002055-PA
JHU_Ag_66085	GPLVNTEFYTGWLTHWQESNQR	AGAP002055-PA	-	170	1.73E-16	1	2663.279	5.53	Larva	2R:+:14680707-14680772	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_68633	GFIFINGFNLGR	AGAP002055-PA	N6(Deamidated)	60	1.08E-05	2	1355.715	3.44	Pupa	2R:+:14681967-14682002	exon=> In CDS Exon 7 of transcript AGAP002055-PA
JHU_Ag_71700	AQVYLDQFLAGTLAR	AGAP002055-PA	-	66	2.34E-06	1	1665.902	3.49	Larva	2R:+:14681334-14681354,14681441-14681464	exon=> In CDS Exon 4 and 5 of transcript AGAP002055-PA
JHU_Ag_72333	AGGLNAVDLYVQWSLHNPR	AGAP002055-PA	-	37	0.002728412	1	2110.088	2.22	Pupa	2R:+:14680050-14680106	exon=> In CDS Exon 2 of transcript AGAP002055-PA
JHU_Ag_73020	DIIGEYIPLAVMPIPDPAPK	AGAP002055-PA	M12(Oxidation)	51	5.14E-05	1	2165.164	3.46	Pupa	2R:+:14680989-14681003,14681076-14681120	exon=> In CDS Exon 3 and 4 of transcript AGAP002055-PA
JHU_Ag_83929	YWPVVGPQVTTYLPK	AGAP002055-PA	-	88	1.16E-08	1	1747.953	6.56	Larva	2R:+:14682003-14682047	exon=> In CDS Exon 7 of transcript AGAP002055-PA
JHU_Ag_85175	RPAQPLAATLR	AGAP002055-PA	-	48	2.76E-05	1	1193.711	-0.74	Pupa	2R:+:14680773-14680805	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_85420	DTFVMDGKDFR	AGAP002055-PA	M5(Oxidation)	84	3.41E-08	1	1346.608	2.67	Larva	2R:+:14679945-14679977	exon=> In CDS Exon 2 of transcript AGAP002055-PA
JHU_Ag_86440	ITGYSFDDYSK	AGAP002055-PA	-	77	1.86E-07	1	1295.585	4.79	Larva	2R:+:14681712-14681744	exon=> In CDS Exon 6 of transcript AGAP002055-PA
JHU_Ag_89360	ELLKPTGNTIVVVEQQK	AGAP002055-PA	N8(Deamidated)	135	5.17E-14	1	1896.088	3.92	Larva	2R:+:14682048-14682098	exon=> In CDS Exon 7 of transcript AGAP002055-PA

JHU_Ag_103408	AGGLNAVDLYVQWSLHNPR	AGAP002055-PA	-	145	3.49E-14	1	2110.088	2.6	Larva	2R:+:14680050-14680106	exon=> In CDS Exon 2 of transcript AGAP002055-PA
JHU_Ag_103997	YVAGSFHYFR	AGAP002055-PA	-	54	5.00E-05	1	1246.602	1.08	Pupa	2R:+:14679978-14680007	exon=> In CDS Exon 2 of transcript AGAP002055-PA
JHU_Ag_115201	ELLKPTGNTIVVVEQQK	AGAP002055-PA	-	88	3.11E-09	1	1896.081	0.25	Pupa	2R:+:14682048-14682098	exon=> In CDS Exon 7 of transcript AGAP002055-PA
JHU_Ag_117114	RPAQPLAATLRK	AGAP002055-PA	-	30	0.000530848	3	1321.811	3.29	Malpighian tubule	2R:+:14680773-14680808	exon=> In CDS Exon 3 of transcript AGAP002055-PA
JHU_Ag_5498	ENQINTLPLALDAGQTLR	AGAP002056-PA	-	72	5.26E-07	2	1967.062	3.28	Larva	2R:+:14684960-14685013	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_9555	GILGSVFVNTR	AGAP002056-PA	-	88	1.25E-08	2	1162.660	1.74	Pupa	2R:+:14685068-14685100	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_14443	GILGSVFVNTR	AGAP002056-PA	-	65	2.64E-06	1	1162.660	1.63	Malpighian tubule	2R:+:14685068-14685100	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_22617	INFGIANDGKGILGSVFVNTR	AGAP002056-PA	-	44	0.000180617	1	2192.195	5.96	Malpighian tubule	2R:+:14685038-14685100	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_31016	ALPESWPSILR	AGAP002056-PA	-	46	0.000201691	1	1268.703	2.75	Malpighian tubule	2R:+:14683170-14683202	exon=> In CDS Exon 2 of transcript AGAP002056-PA
JHU_Ag_36303	INFGIANDGK	AGAP002056-PA	-	52	0.000138505	1	1048.542	-0.7	Midgut	2R:+:14685038-14685067	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_37559	ENQINTLPLALDAGQTLR	AGAP002056-PA	-	102	6.16E-10	1	1967.058	0.99	Midgut	2R:+:14684960-14685013	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_39675	GIVFVNGFLLGR	AGAP002056-PA	-	61	2.48E-06	2	1291.749	-2.13	Midgut	2R:+:14685305-14685340	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_42090	GILGSVFVNTR	AGAP002056-PA	-	72	5.08E-07	2	1162.660	1.63	Larva	2R:+:14685068-14685100	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_52501	GIVFVNGFLLGR	AGAP002056-PA	-	47	5.30E-05	2	1291.752	-0.24	Ovary	2R:+:14685305-14685340	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_57054	ALPESWPSILR	AGAP002056-PA	-	48	0.000113 74	2	1268.705	4.48	Larva	2R:+:14683170-14683202	exon=> In CDS Exon 2 of transcript AGAP002056-PA
JHU_Ag_78938	GPLVNAEYYPGWLTHWQEPHMAR	AGAP002056-PA	M21(Oxidation)	111	1.03E-10	1	2768.304	-0.11	Midgut	2R:+:14684288-14684356	exon=> In CDS Exon 6 of transcript AGAP002056-PA
JHU_Ag_90460	TDTKPVVDSLDFMLR	AGAP002056-PA	M13(Oxidation)	55	5.27E-05	1	1752.882	-0.9	Midgut	2R:+:14684357-14684401	exon=> In CDS Exon 6 of transcript AGAP002056-PA
JHU_Ag_91255	ALPESWPSILR	AGAP002056-PA	-	36	0.002160862	2	1268.700	0.34	Midgut	2R:+:14683170-14683202	exon=> In CDS Exon 2 of transcript AGAP002056-PA
JHU_Ag_96270	ENQINTLPLALDAGQTLR	AGAP002056-PA	-	43	0.000457635	1	1967.058	1.2	Malpighian tubule	2R:+:14684960-14685013	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_99954	LAAQTVTSR	AGAP002056-PA	-	55	4.03E-05	2	946.532	0.2	Midgut	2R:+:14684768-14684794	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_101085	TDTKPVVDSLDFMLR	AGAP002056-PA	M13(Oxidation)	37	0.003144235	1	1752.886	1.29	Larva	2R:+:14684357-14684401	exon=> In CDS Exon 6 of transcript AGAP002056-PA
JHU_Ag_101669	GILGSVFVNTR	AGAP002056-PA	-	57	1.42E-05	2	1162.660	1.84	Salivary gland	2R:+:14685068-14685100	exon=> In CDS Exon 7 of transcript AGAP002056-PA
JHU_Ag_104919	TWYAQLLSR	AGAP002056-PA	-	65	3.44E-06	1	1137.610	4.08	Larva	2R:+:14683825-14683851	exon=> In CDS Exon 4 of transcript AGAP002056-PA
JHU_Ag_114551	GPLVNAEYYPGWLTHWQEPHMAR	AGAP002056-PA	M21(Oxidation)	138	2.21E-13	1	2768.315	4.12	Larva	2R:+:14684288-14684356	exon=> In CDS Exon 6 of transcript AGAP002056-PA
JHU_Ag_17404	GLVFINGFNLGR	AGAP002058-PA	N6(Deamidated)	51	5.94E-05	1	1307.715	3.57	Male reproductive organs	2R:+:14689010-14689045	exon=> In CDS Exon 8 of transcript AGAP002058-PA
JHU_Ag_31113	AVLFTNDGPELLK	AGAP002058-PA	-	54	4.00E-05	2	1416.775	0.93	Male reproductive organs	2R:+:14687743-14687781	exon=> In CDS Exon 5 of transcript AGAP002058-PA
JHU_Ag_114902	YWPLAGPQITLYVPR	AGAP002058-PA	-	44	0.000287278	2	1773.979	5.62	Pupa	2R:+:14689046-14689090	exon=> In CDS Exon 8 of transcript AGAP002058-PA
JHU_Ag_1632	GAEIQEVLHQTPDVK	AGAP002061-PA	-	102	8.42E-10	1	1663.865	0.07	Salivary gland	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA

JHU_Ag_1695	YLIEEGGDWDRR	AGAP002061-PA	-	42	0.001013282	1	1508.713	0.35	Male reproductive organs	2R:+:14716687-14716722	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_2299	VGGIVETNRPDSK	AGAP002061-PA	-	88	2.14E-08	1	1371.728	3.53	Ovary	2R:+:14717239-14717277	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_3761	NDILFHPHYR	AGAP002061-PA	-	45	0.000335268	1	1311.663	2.73	Malpighian tubule	2R:+:14717041-14717070	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_7653	VYQGAYCIAIR	AGAP002061-PA	C7(Carbamidomethyl)	51	0.000108618	2	1313.670	2.09	Salivary gland	2R:+:14716735-14716767	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_8081	NDILFHPHYR	AGAP002061-PA	-	63	5.62E-06	1	1311.661	1.15	Midgut	2R:+:14717041-14717070	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_8216	PVENLEEQGLEKNPNLELSHCK	AGAP002061-PA	C21(Carbamidomethyl)	137	2.95E-13	1	2577.271	3.83	Ovary	2R:+:14716195-14716260	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_8420	VGGIVETNRPDSK	AGAP002061-PA	-	75	4.78E-07	1	1371.723	0.42	Pupa	2R:+:14717239-14717277	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_9452	NDILFHPHYR	AGAP002061-PA	-	40	0.001044252	1	1311.659	-0.06	Ovary	2R:+:14717041-14717070	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_10738	KLEQLDAAIEDAEK	AGAP002061-PA	Q4(Deamidated)	117	3.04E-11	2	1572.813	1.13	Malpighian tubule	2R:+:14716429-14716470	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_12759	LDIVFHQIR	AGAP002061-PA	-	71	3.58E-07	1	1140.655	1.98	Salivary gland	2R:+:14716603-14716629	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_14282	YLIEEGGDWDRR	AGAP002061-PA	-	40	0.001699541	1	1508.715	1.32	Pupa	2R:+:14716687-14716722	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_14475	IGLFYLDHDLITR	AGAP002061-PA	-	75	2.84E-07	1	1575.854	0.73	Pupa	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_15261	NDILFHPHYR	AGAP002061-PA	-	40	0.001032752	1	1311.662	2.08	Salivary gland	2R:+:14717041-14717070	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_17578	GAEIQEVLHQTPDVK	AGAP002061-PA	-	75	4.97E-07	1	1663.861	-2.21	Head	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_19526	LDIVFHQIR	AGAP002061-PA	-	64	2.25E-06	1	1140.650	-1.87	Malpighian tubule	2R:+:14716603-14716629	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_21389	FLLSLPEFASDKK	AGAP002061-PA	-	40	0.000565366	1	1494.821	0.58	Ovary	2R:+:14716261-14716299	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_21599	ILAYTQLLESYR	AGAP002061-PA	-	100	9.35E-10	1	1469.802	1.14	Male reproductive organs	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_22841	LEQLDAAIEDAEK	AGAP002061-PA	-	52	7.50E-05	2	1444.716	-0.21	Pupa	2R:+:14716432-14716470	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_22871	FLLSLPEFASDKK	AGAP002061-PA	-	37	0.00118394	1	1494.821	0.4	Pupa	2R:+:14716261-14716299	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_23622	LDIVFHQIR	AGAP002061-PA	-	40	0.00056561	1	1140.651	-1.03	Male reproductive organs	2R:+:14716603-14716629	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_27146	IGLFYLDHDLITR	AGAP002061-PA	-	99	1.12E-09	1	1575.859	3.76	Ovary	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_28798	LDIVFHQIR	AGAP002061-PA	-	60	6.36E-06	1	1140.651	-1.19	Ovary	2R:+:14716603-14716629	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_33188	HLASVEAVLR	AGAP002061-PA	-	39	0.000717084	2	1094.630	-1.86	Ovary	2R:+:14717011-14717040	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_34997	NWQYQATIK	AGAP002061-PA	-	52	0.000104571	2	1151.584	-0.12	Head	2R:+:14717278-14717304	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_35653	GAEIQEVLHQTPDVK	AGAP002061-PA	-	59	1.98E-05	1	1663.871	3.59	Midgut	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_35947	FLLSLPEFASDK	AGAP002061-PA	-	58	1.99E-05	1	1366.725	-0.43	Ovary	2R:+:14716261-14716296	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_39672	KLEQLDAAIEDAEK	AGAP002061-PA	-	110	1.37E-10	1	1572.815	2.45	Head	2R:+:14716429-14716470	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_40736	ILAYTQLLESYR	AGAP002061-PA	-	90	8.75E-09	1	1469.803	1.97	Malpighian tubule	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA

JHU_Ag_43919	IGLFYLDHDLITR	AGAP002061-PA	-	93	5.01E-09	1	1575.856	1.98	Midgut	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_45531	VGGIVETNRPDSK	AGAP002061-PA	-	45	0.000410713	1	1371.722	-0.38	Midgut	2R:+:14717239-14717277	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_46070	ILAYTQLLESYR	AGAP002061-PA	-	90	8.49E-09	1	1469.802	1.39	Ovary	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_46996	GAEIQEVLHQTPDVK	AGAP002061-PA	-	89	1.93E-08	1	1663.872	3.88	Malpighian tubule	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_47423	KLEQLDAAIEDAEK	AGAP002061-PA	-	48	0.000229807	2	1572.818	4.15	Pupa	2R:+:14716429-14716470	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_50920	IGDKEGAITAFR	AGAP002061-PA	-	56	3.09E-05	1	1277.689	3.41	Ovary	2R:+:14716531-14716566	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_52607	VGGIVETNRPDSKNWQYQATIK	AGAP002061-PA	-	126	2.38E-12	1	2504.300	4.18	Malpighian tubule	2R:+:14717239-14717304	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_52753	GAEIQEVLHQTPDVK	AGAP002061-PA	-	77	2.71E-07	1	1663.868	1.61	Male reproductive organs	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_56413	ILAYTQLLESYR	AGAP002061-PA	-	101	6.80E-10	1	1469.807	4.54	Salivary gland	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_58786	LDIVFHQIR	AGAP002061-PA	-	59	8.21E-06	2	1140.654	1.23	Pupa	2R:+:14716603-14716629	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_59259	YLIEEGGDWDR	AGAP002061-PA	-	50	0.000121629	2	1352.615	2.05	Salivary gland	2R:+:14716687-14716719	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_62306	IGLFYLDHDLITR	AGAP002061-PA	-	60	1.00E-05	1	1575.853	-0.2	Head	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_62686	LDIVFHQIR	AGAP002061-PA	-	40	0.000556104	1	1140.653	0.34	Head	2R:+:14716603-14716629	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_64787	IGLFYLDHDLITR	AGAP002061-PA	-	90	8.58E-09	1	1575.864	6.86	Malpighian tubule	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_64884	FLLSLPEFASDKK	AGAP002061-PA	-	51	4.83E-05	1	1494.824	2.63	Male reproductive organs	2R:+:14716261-14716299	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_65479	ILAYTQLLESYR	AGAP002061-PA	-	85	2.72E-08	2	1469.807	4.71	Larva	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_69891	ILAYTQLLESYR	AGAP002061-PA	-	94	3.55E-09	2	1469.802	1.14	Midgut	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_70569	IGLFYLDHDLITR	AGAP002061-PA	-	37	0.001931983	3	1575.856	2.01	Visceras	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_70717	GAEIQEVLHQTPDVK	AGAP002061-PA	-	44	0.000535018	1	1663.867	1.01	Ovary	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_71052	PVENLEEQGLEKNPNLELSHCK	AGAP002061-PA	C21(Carbamidomethyl)	98	2.45E-09	1	2577.263	0.63	Salivary gland	2R:+:14716195-14716260	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_73071	FLLSLPEFASDK	AGAP002061-PA	-	39	0.001551692	1	1366.725	-0.25	Malpighian tubule	2R:+:14716261-14716296	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_74109	HLASVEAVLR	AGAP002061-PA	-	67	1.01E-06	1	1094.631	-0.63	Pupa	2R:+:14717011-14717040	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_75596	ILAYTQLLESYR	AGAP002061-PA	-	112	5.54E-11	2	1469.802	1.63	Pupa	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_82563	IGLFYLDHDLITR	AGAP002061-PA	-	67	1.75E-06	1	1575.860	4.21	Larva	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_85158	PVENLEEQGLEK	AGAP002061-PA	-	84	5.48E-08	2	1384.696	0.15	Ovary	2R:+:14716195-14716230	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_85202	GAEIQEVLHQTPDVK	AGAP002061-PA	-	72	8.43E-07	1	1663.873	4.53	Larva	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_85364	NDILFHPHYR	AGAP002061-PA	-	45	0.000363154	1	1311.653	-4.62	Head	2R:+:14717041-14717070	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_85916	KSEYLCR	AGAP002061-PA	C6(Carbamidomethyl)	55	2.75E-05	2	955.466	-0.32	Malpighian tubule	2R:+:14716510-14716530	exon=> In CDS Exon 1 of transcript AGAP002061-PA

JHU_Ag_87616	PVENLEEQGLEKNPNLELSHCK	AGAP002061-PA	C21(Carbamidomethyl)	126	3.80E-12	1	2577.268	2.41	Malpighian tubule	2R:+:14716195-14716260	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_89404	YLIEEGGDWDRR	AGAP002061-PA	-	42	0.001148143	1	1508.719	4.23	Salivary gland	2R:+:14716687-14716722	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_90471	VYQGAYCIAIR	AGAP002061-PA	C7(Carbamidomethyl)	73	5.47E-07	2	1313.668	0.97	Ovary	2R:+:14716735-14716767	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_96377	FLLSLPEFASDK	AGAP002061-PA	-	34	0.004450335	1	1366.725	0.02	Midgut	2R:+:14716261-14716296	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_97146	FLLSLPEFASDKK	AGAP002061-PA	-	32	0.00374003	1	1494.824	2.31	Midgut	2R:+:14716261-14716299	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_98600	VGGIVETNRPDSK	AGAP002061-PA	-	76	3.95E-07	1	1371.729	4.42	Head	2R:+:14717239-14717277	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_98710	YLIEEGGDWDRR	AGAP002061-PA	-	42	0.001070674	1	1508.712	-0.87	Midgut	2R:+:14716687-14716722	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_99107	VGGIVETNRPDSK	AGAP002061-PA	-	63	6.95E-06	1	1371.725	1.75	Malpighian tubule	2R:+:14717239-14717277	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_99747	VGGIVETNRPDSKNWQYQATIK	AGAP002061-PA	-	128	1.59E-12	1	2504.296	2.86	Ovary	2R:+:14717239-14717304	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_101175	GAEIQEVLHQTPDVK	AGAP002061-PA	-	95	4.02E-09	1	1663.868	2.05	Pupa	2R:+:14716918-14716962	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_101685	YLIEEGGDWDRR	AGAP002061-PA	-	63	8.41E-06	1	1508.717	2.94	Ovary	2R:+:14716687-14716722	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_102025	KLEQLDAAIEDAEK	AGAP002061-PA	-	120	1.32E-11	2	1572.818	4.31	Ovary	2R:+:14716429-14716470	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_102552	PVENLEEQGLEK	AGAP002061-PA	-	74	4.85E-07	2	1384.697	0.94	Malpighian tubule	2R:+:14716195-14716230	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_103885	ILAYTQLLESYR	AGAP002061-PA	-	89	1.15E-08	1	1469.801	0.89	Head	2R:+:14717092-14717127	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_104174	IGLFYLDHDLITR	AGAP002061-PA	-	46	0.000273527	1	1575.854	0.61	Salivary gland	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_105325	LEQLDAAIEDAEK	AGAP002061-PA	-	78	1.96E-07	2	1444.715	-0.97	Ovary	2R:+:14716432-14716470	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_106628	TVSLGHRLDIVFHQIR	AGAP002061-PA	-	75	6.66E-08	1	1891.072	3.12	Malpighian tubule	2R:+:14716582-14716629	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_107752	IGLFYLDHDLITR	AGAP002061-PA	-	61	9.07E-06	1	1575.853	-0.08	Male reproductive organs	2R:+:14716630-14716668	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_112225	HLASVEAVLR	AGAP002061-PA	-	46	0.000134154	2	1094.629	-2.75	Head	2R:+:14717011-14717040	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_113207	KLEQLDAAIEDAEK	AGAP002061-PA	-	109	1.72E-10	2	1572.814	1.75	Midgut	2R:+:14716429-14716470	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_116283	IGDKEGAITAFR	AGAP002061-PA	-	33	0.005663573	1	1277.685	-0.04	Midgut	2R:+:14716531-14716566	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_117614	VGGIVETNRPDSK	AGAP002061-PA	-	42	0.000822929	1	1371.728	4.16	Larva	2R:+:14717239-14717277	exon=> In CDS Exon 1 of transcript AGAP002061-PA
JHU_Ag_81612	EDLILPHHYTFYDFIVTK	AGAP002062-PA	-	35	0.004091361	1	2251.143	0.01	Ovary	2R:-:14717806-14717753	exon=> In CDS Exon 2 of transcript AGAP002062-PA
JHU_Ag_86702	KIEEDLK	AGAP002062-PA	-	52	0.000140614	2	874.500	13.63	Malpighian tubule	2R:-:14718577-14718557	exon=> In CDS Exon 1 of transcript AGAP002062-PA
JHU_Ag_301	IDCFAETPSTVFGEALK	AGAP002063-PA	C3(Carbamidomethyl)	55	4.30E-05	1	1884.912	3.92	Head	2R:+:14721070-14721120	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_1241	MNSVAPNLQALIGDQVGAR	AGAP002063-PA	M1(Oxidation)	109	1.36E-10	2	1954.024	3.08	Malpighian tubule	2R:+:14720791-14720847	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_1477	IDCFAETPSTVFGEALKGQVEER	AGAP002063-PA	C3(Carbamidomethyl)	79	1.87E-07	1	2583.249	3.47	Ovary	2R:+:14721070-14721138	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_2148	EAIQLASK	AGAP002063-PA	-	43	0.00093547	1	859.490	1.42	Malpighian tubule	2R:+:14721193-14721216	exon=> In CDS Exon 2 of transcript AGAP002063-PA

JHU_Ag_2960	LKFYEQGETPR	AGAP002063-PA	-	54	5.62E-05	1	1367.695	-0.31	Malpighian tubule	2R:+:14721139-14721171	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_4754	GFTDQSAAVAQLGLGHSYSR	AGAP002063-PA	-	56	4.18E-05	1	2065.009	-0.28	Visceras	2R:+:14720329-14720388	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_5473	YGLLFNSSFIGR	AGAP002063-PA	-	72	1.05E-06	2	1373.722	0.52	Head	2R:+:14720968-14721003	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_5841	GFTDQSAAVAQLGLGHSYSR	AGAP002063-PA	-	111	1.22E-10	1	2065.016	3.07	Salivary gland	2R:+:14720329-14720388	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_9149	LGAAIAEALEVQCSHIGAVPEILR	AGAP002063-PA	C13(Carbamidomethyl)	105	1.67E-10	1	2517.360	4.15	Visceras	2R:+:14720224-14720295	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_9302	FYEQGETPR	AGAP002063-PA	-	46	0.000289968	1	1126.517	0.65	Malpighian tubule	2R:+:14721145-14721171	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_11472	LKFYEQGETPR	AGAP002063-PA	-	63	7.35E-06	1	1367.696	0.69	Ovary	2R:+:14721139-14721171	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_11784	GFTDQSAAVAQLGLGHSYSR	AGAP002063-PA	-	149	2.23E-14	1	2065.011	0.7	Ovary	2R:+:14720329-14720388	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_12689	LGAAIAEALEVQCSHIGAVPEILR	AGAP002063-PA	C13(Carbamidomethyl)	86	1.52E-08	1	2517.361	4.52	Salivary gland	2R:+:14720224-14720295	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_15670	EWYSYHFPELVK	AGAP002063-PA	-	55	4.83E-05	1	1597.773	2.6	Head	2R:+:14720497-14720532	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_16516	VAHFIK	AGAP002063-PA	-	34	0.002555993	1	714.430	0.23	Malpighian tubule	2R:+:14720563-14720580	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_16999	SDNMIIQSIALLDQLDK	AGAP002063-PA	M4(Oxidation)	105	4.22E-10	2	1932.992	-1.56	Ovary	2R:+:14720416-14720466	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_19847	IREWYSYHFPELVK	AGAP002063-PA	-	76	3.18E-07	1	1866.968	7.65	Malpighian tubule	2R:+:14720491-14720532	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_21066	YGLLFNSSFIGR	AGAP002063-PA	-	77	3.12E-07	1	1373.727	4.25	Ovary	2R:+:14720968-14721003	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_24405	LSDYRQQLANYLHSK	AGAP002063-PA	-	75	3.74E-07	1	1835.943	1.9	Ovary	2R:+:14720746-14720790	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_28389	KAEETNGNGEAALNGSAK	AGAP002063-PA	N6(Deamidated),N8(Deamidated),"N6(Deamidated), N8(Deamidated)"	115	3.97E-11	1	1761.828	1.77	Ovary	2R:+:14721250-14721303	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_31816	FPASTVQILGAEK	AGAP002063-PA	-	96	3.18E-09	1	1360.751	3.02	Salivary gland	2R:+:14720887-14720925	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_34264	FYEQGETPR	AGAP002063-PA	-	47	0.00023033	2	1126.517	0.87	Ovary	2R:+:14721145-14721171	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_34927	AGSLTNLAK	AGAP002063-PA	-	60	2.19E-05	2	874.500	0.64	Malpighian tubule	2R:+:14720860-14720886	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_40515	KQVTLGVSDAK	AGAP002063-PA	-	49	0.00011924	2	1145.653	0.53	Ovary	2R:+:14720191-14720223	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_42599	AGSLTNLAK	AGAP002063-PA	-	56	5.36E-05	2	874.500	0.71	Ovary	2R:+:14720860-14720886	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_44648	IDCFAETPSTVFGEALKGQVEER	AGAP002063-PA	C3(Carbamidomethyl)	89	1.69E-08	1	2583.247	2.9	Malpighian tubule	2R:+:14721070-14721138	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_46782	MSMGMDISVVDLINIEMFAK	AGAP002063-PA	M1(Oxidation), M3(Oxidation), M5(Oxidation), M17(Oxidation)	96	3.52E-09	1	2308.065	2.96	Ovary	2R:+:14720674-14720733	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_48361	IDCFAETPSTVFGEALK	AGAP002063-PA	C3(Carbamidomethyl)	60	1.51E-05	1	1884.908	1.91	Visceras	2R:+:14721070-14721120	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_48808	FNAIVK	AGAP002063-PA	-	35	0.00102179	1	691.414	0.16	Malpighian tubule	2R:+:14720044-14720061	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_49364	NLDVMKEAIQLASK	AGAP002063-PA	M5(Oxidation)	83	5.87E-08	2	1575.849	5.01	Ovary	2R:+:14721175-14721216	exon=> In CDS Exon 2 of transcript AGAP002063-PA

JHU_Ag_52856	IREWYSYHFPELVK	AGAP002063-PA	-	89	1.63E-08	1	1866.960	3.14	Ovary	2R:+:14720491-14720532	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_62883	FPASTVQILGAEK	AGAP002063-PA	-	88	1.53E-08	2	1360.747	-0.48	Midgut	2R:+:14720887-14720925	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_65126	QVTLGVSDAK	AGAP002063-PA	-	61	1.23E-05	2	1017.557	-0.25	Malpighian tubule	2R:+:14720194-14720223	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_67272	EAIQLASK	AGAP002063-PA	-	42	0.001250745	1	859.495	7.17	Ovary	2R:+:14721193-14721216	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_70343	IREWYSYHFPELVK	AGAP002063-PA	-	70	1.27E-06	1	1866.954	0.19	Midgut	2R:+:14720491-14720532	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_71376	FPASTVQILGAEK	AGAP002063-PA	-	95	3.41E-09	1	1360.751	2.75	Head	2R:+:14720887-14720925	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_72132	FYEQGETPRK	AGAP002063-PA	-	63	6.96E-06	1	1254.613	0.98	Ovary	2R:+:14721145-14721174	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_77268	FPASTVQILGAEK	AGAP002063-PA	-	98	1.83E-09	1	1360.752	3.74	Ovary	2R:+:14720887-14720925	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_77666	SLTDDRLEELEELMMDSEK	AGAP002063-PA	M15(Oxidation),"M14(Oxidation), M15(Oxidation)"	101	6.78E-10	1	2315.035	3.7	Ovary	2R:+:14720590-14720646	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_78728	QVTLGVSDAK	AGAP002063-PA	-	57	3.48E-05	2	1017.560	1.97	Ovary	2R:+:14720194-14720223	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_80311	LVGFHPFK	AGAP002063-PA	-	46	0.000323 01	1	944.537	1.72	Malpighian tubule	2R:+:14720062-14720085	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_80556	IDCFAETPSTVFGEALK	AGAP002063-PA	C3(Carbamidomethyl)	110	1.44E-10	1	1884.904	-0.68	Ovary	2R:+:14721070-14721120	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_80607	YGLLFNSSFIGR	AGAP002063-PA	-	80	1.64E-07	1	1373.727	4.25	Malpighian tubule	2R:+:14720968-14721003	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_83794	LGAAIAEALEVQCSHIGAVPEILR	AGAP002063-PA	C13(Carbamidomethyl)	152	4.59E-15	1	2517.349	-0.14	Ovary	2R:+:14720224-14720295	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_85276	VAHFIK	AGAP002063-PA	-	33	0.002982358	2	714.429	-0.79	Ovary	2R:+:14720563-14720580	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_86724	TAVAALNNVNAISEGLVPDDLSGFLDTTLPK	AGAP002063-PA	-	29	0.006342975	1	3155.671	7.46	Ovary	2R:+:14720086-14720178	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_89072	MNSVAPNLQALIGDQVGAR	AGAP002063-PA	M1(Oxidation)	46	0.000283257	1	1970.017	2.11	Larva	2R:+:14720791-14720847	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_91505	YGLLFNSSFIGR	AGAP002063-PA	-	73	8.41E-07	2	1373.722	0.43	Midgut	2R:+:14720968-14721003	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_92829	QQLANYLHSK	AGAP002063-PA	-	60	1.58E-05	1	1201.635	1.79	Ovary	2R:+:14720761-14720790	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_94495	MNSVAPNLQALIGDQVGAR	AGAP002063-PA	M1(Oxidation)	98	1.85E-09	2	1970.022	5.02	Midgut	2R:+:14720791-14720847	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_95465	YGLLFNSSFIGR	AGAP002063-PA	-	49	0.000188487	1	1373.720	-0.73	Salivary gland	2R:+:14720968-14721003	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_95788	FPASTVQILGAEK	AGAP002063-PA	-	95	3.83E-09	1	1360.750	2.39	Malpighian tubule	2R:+:14720887-14720925	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_96674	IDCFAETPSTVFGEALK	AGAP002063-PA	C3(Carbamidomethyl)	68	2.56E-06	2	1884.909	2.24	Salivary gland	2R:+:14721070-14721120	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_96786	LSDYRQQLANYLHSK	AGAP002063-PA	-	71	9.13E-07	1	1835.943	1.82	Malpighian tubule	2R:+:14720746-14720790	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_97307	ALYVLYEHAAGYGLFSVK	AGAP002063-PA	N-Term(Acetyl)	163	5.95E-16	1	2043.058	-0.48	Ovary	2R:+:14719927-14719980	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_98271	NLDVMKEAIQLASK	AGAP002063-PA	M5(Oxidation)	60	1.26E-05	2	1575.845	2.53	Malpighian tubule	2R:+:14721175-14721216	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_98977	GFTDQSAAVAQLGLGHSYSR	AGAP002063-PA	-	120	1.63E-11	1	2065.017	3.66	Malpighian tubule	2R:+:14720329-14720388	exon=> In CDS Exon 2 of transcript AGAP002063-PA

JHU_Ag_99602	LVGFHPFK	AGAP002063-PA	-	50	0.000134963	1	944.536	0.55	Ovary	2R:+:14720062-14720085	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_104278	EFEEIGMLLPQVEASILDLSR	AGAP002063-PA	M7(Oxidation)	122	7.68E-12	1	2405.233	2.38	Ovary	2R:+:14719981-14720043	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_107594	IDCFAETPSTVFGEALK	AGAP002063-PA	C3(Carbamidomethyl)	59	1.83E-05	1	1884.910	2.95	Malpighian tubule	2R:+:14721070-14721120	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_108390	LGAAIAEALEVQCSHIGAVPEILR	AGAP002063-PA	C13(Carbamidomethyl)	59	6.69E-06	1	2517.360	4.23	Head	2R:+:14720224-14720295	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_109007	SDNMIIQSIALLDQLDKDVNTFSMR	AGAP002063-PA	M4(Oxidation), M24(Oxidation)	128	2.17E-12	1	2899.416	-0.69	Ovary	2R:+:14720416-14720490	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_109054	GFTDQSAAVAQLGLGHSYSR	AGAP002063-PA	-	35	0.005329139	1	2065.008	-0.99	Midgut	2R:+:14720329-14720388	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_109794	SLTDDRLEELEELMMDSEK	AGAP002063-PA	M15(Oxidation),"M14(Oxidation), M15(Oxidation)"	112	5.55E-11	1	2315.033	2.83	Malpighian tubule	2R:+:14720590-14720646	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_112042	AGSLTNLAK	AGAP002063-PA	-	47	0.000358121	2	874.501	1.76	Salivary gland	2R:+:14720860-14720886	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_113899	MNSVAPNLQALIGDQVGAR	AGAP002063-PA	M1(Oxidation)	62	7.16E-06	2	1970.019	3.53	Salivary gland	2R:+:14720791-14720847	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_114265	MNSVAPNLQALIGDQVGAR	AGAP002063-PA	M1(Oxidation)	130	1.14E-12	1	1970.014	0.99	Ovary	2R:+:14720791-14720847	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_116909	LGAAIAEALEVQCSHIGAVPEILR	AGAP002063-PA	C13(Carbamidomethyl)	135	1.96E-13	1	2517.358	3.28	Malpighian tubule	2R:+:14720224-14720295	exon=> In CDS Exon 2 of transcript AGAP002063-PA
JHU_Ag_9303	ELAPLQDLIDKLITK	AGAP002066-PA	-	38	0.000194686	1	1710.005	0.15	Ovary	2R:-:14726853-14726809	exon=> In CDS Exon 3 of transcript AGAP002066-PA
JHU_Ag_2082	NPIVAAAFASLR	AGAP002067-PA	-	76	2.66E-07	2	1229.702	1.66	Malpighian tubule	2R:+:14729314-14729314,14729394-14729428	exon=> In CDS Exon 1 and 2 of transcript AGAP002067-PA
JHU_Ag_20095	LVANVSENDFIR	AGAP002067-PA	-	47	0.000323977	2	1376.716	-0.94	Midgut	2R:+:14730337-14730372	exon=> In CDS Exon 3 of transcript AGAP002067-PA
JHU_Ag_28131	FVELCSLLGR	AGAP002067-PA	C5(Carbamidomethyl)	54	5.07E-05	2	1193.637	1.88	Ovary	2R:+:14729740-14729769	exon=> In CDS Exon 3 of transcript AGAP002067-PA
JHU_Ag_34093	IVSILAEWSSIK	AGAP002067-PA	-	73	2.57E-07	2	1345.777	3.35	Malpighian tubule	2R:+:14729668-14729703	exon=> In CDS Exon 3 of transcript AGAP002067-PA
JHU_Ag_41265	AELFVPFEPSK	AGAP002067-PA	-	34	0.005809094	1	1263.661	-0.67	Pupa	2R:+:14730589-14730621	exon=> In CDS Exon 3 of transcript AGAP002067-PA
JHU_Ag_47352	VLVTGMLDALK	AGAP002067-PA	-	49	6.73E-05	2	1159.677	0.95	Malpighian tubule	2R:+:14730631-14730663	exon=> In CDS Exon 3 of transcript AGAP002067-PA
JHU_Ag_48213	NPIVAAAFASLR	AGAP002067-PA	-	96	1.79E-09	1	1229.705	3.85	Ovary	2R:+:14729314-14729314,14729394-14729428	exon=> In CDS Exon 1 and 2 of transcript AGAP002067-PA
JHU_Ag_75431	FVELCSLLGR	AGAP002067-PA	C5(Carbamidomethyl)	63	6.76E-06	2	1193.637	1.78	Malpighian tubule	2R:+:14729740-14729769	exon=> In CDS Exon 3 of transcript AGAP002067-PA
JHU_Ag_78976	LLEQEGYTVLSIPYNEFSTSDKLLK	AGAP002067-PA	-	37	0.001364891	1	2887.515	6.07	Ovary	2R:+:14731043-14731117	exon=> In CDS Exon 5 of transcript AGAP002067-PA
JHU_Ag_91968	VLVTGMLDALK	AGAP002067-PA	-	34	0.002640921	2	1159.674	-1.05	Midgut	2R:+:14730631-14730663	exon=> In CDS Exon 3 of transcript AGAP002067-PA
JHU_Ag_94908	ANTVAELLAVSDVTK	AGAP002067-PA	-	63	5.08E-06	2	1530.842	2.96	Malpighian tubule	2R:+:14729513-14729557	exon=> In CDS Exon 2 of transcript AGAP002067-PA
JHU_Ag_326	LSKEDIER	AGAP002076-PA	-	42	0.001285385	1	989.526	-0.02	Visceras	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_757	CFFPEEVSSMVLTK	AGAP002076-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M10(Oxidation)"	83	7.39E-08	1	1673.799	4.6	Malpighian tubule	2R:+:14829086-14829127	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_1326	FDDPAIQADMK	AGAP002076-PA	-	48	0.000210768	2	1250.577	3.77	Ovary	2R:+:14828981-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_2375	TLVLDK	AGAP002076-PA	-	39	0.000717084	1	688.425	1.17	Head	2R:+:14830451-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_3274	WLDANQLADKEEYEHR	AGAP002076-PA	-	113	8.56E-11	1	2016.941	-0.06	Visceras	2R:+:14830487-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_3364	HWPFEVESIEGKPK	AGAP002076-PA	-	72	8.72E-07	1	1682.858	2.78	Malpighian tubule	2R:+:14829014-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_3701	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl), M10(Oxidation)	63	2.81E-06	1	1392.596	2.39	Larva	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_3824	HWPFEVESIEGKPK	AGAP002076-PA	-	72	9.90E-07	1	1682.849	-2.88	Midgut	2R:+:14829014-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4233	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	176	3.14E-17	1	2277.140	3.11	Head	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4552	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation),"N1(Deamidated), M5(Oxidation)","Q2(Deamidated), M5(Oxidation)"	133	8.66E-13	1	1679.806	-0.07	Malpighian tubule	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4579	CFFPEEVSSMVLTK	AGAP002076-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M10(Oxidation)"	112	9.27E-11	1	1689.794	4.53	Ovary	2R:+:14829086-14829127	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4618	KFDDPAIQADMK	AGAP002076-PA	M11(Oxidation)	81	1.24E-07	1	1394.662	-0.42	Midgut	2R:+:14828978-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4640	ITDSDKTLVLDK	AGAP002076-PA	-	60	1.07E-05	1	1347.741	3.42	Ovary	2R:+:14830433-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4962	KFDDPAIQADMK	AGAP002076-PA	M11(Oxidation)	62	8.59E-06	1	1394.661	-0.77	Visceras	2R:+:14828978-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_5718	IAVEYKGEK	AGAP002076-PA	-	51	6.55E-05	2	1036.571	3.7	Malpighian tubule	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_6861	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	191	1.21E-18	1	2277.137	1.51	Malpighian tubule	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_7304	LVNHFAQEFKR	AGAP002076-PA	-	75	4.73E-07	1	1388.743	-0.49	Pupa	2R:+:14829458-14829490	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_7809	ELESVCNPIISK	AGAP002076-PA	C6(Carbamidomethyl)	45	0.000523919	1	1388.709	-0.37	Salivary gland	2R:+:14830541-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_9224	ARFEELNADLFR	AGAP002076-PA	-	82	9.48E-08	1	1480.756	0.95	Male reproductive organs	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_9574	RTLSSSTQASIEIDSLFEGTDFYTSITR	AGAP002076-PA	-	45	0.000306484	3	3125.540	4.02	Malpighian tubule	2R:+:14829563-14829646	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_9678	FDDPAIQADMK	AGAP002076-PA	-	68	2.00E-06	1	1250.574	1.33	Salivary gland	2R:+:14828981-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_9965	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl), M10(Oxidation),C7(Carbamidomethyl)	74	2.12E-07	1	1376.598	0.67	Salivary gland	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_11405	TTPSYVAFTDTER	AGAP002076-PA	-	63	6.85E-06	1	1487.708	4.53	Midgut	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_11513	TLSSSTQASIEIDSLFEGTDFYTSITR	AGAP002076-PA	-	48	0.000233691	3	2969.442	5.24	Ovary	2R:+:14829566-14829646	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_12303	WLDANQLADKEEYEHR	AGAP002076-PA	-	96	4.39E-09	1	2016.940	-0.69	Pupa	2R:+:14830487-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_12911	FEELNADLFR	AGAP002076-PA	-	74	6.64E-07	2	1253.617	0.68	Malpighian tubule	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_14914	QKELESVCNPIISK	AGAP002076-PA	C8(Carbamidomethyl)	81	1.21E-07	1	1644.865	1.55	Visceras	2R:+:14830535-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_15073	TTPSYVAFTDTER	AGAP002076-PA	-	99	1.73E-09	2	1487.702	0.59	Ovary	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_15132	STAGDTHLGGEDFDNRLVNHFAQEFK	AGAP002076-PA	-	145	3.79E-14	1	2905.365	5.07	Malpighian tubule	2R:+:14829410-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_15542	HWPFEVESIEGKPK	AGAP002076-PA	-	63	7.42E-06	1	1682.854	-0.05	Male reproductive organs	2R:+:14829014-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_15860	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	-	137	2.22E-13	1	2310.186	5.9	Ovary	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_17491	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	132	8.23E-13	1	2277.140	3.03	Visceras	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_17534	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	155	3.85E-15	1	2277.137	1.67	Salivary gland	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_18187	IAVEYKGEK	AGAP002076-PA	-	52	6.48E-05	1	1036.567	-0.42	Midgut	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_19028	DAGTISGLNVLR	AGAP002076-PA	-	69	1.77E-06	2	1215.674	4.01	Larva	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_19776	WLDANQLADKEEYEHR	AGAP002076-PA	-	121	1.25E-11	1	2016.946	2.67	Midgut	2R:+:14830487-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_20867	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation)	126	4.44E-12	1	1663.813	1.42	Salivary gland	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_21571	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation)	134	7.01E-13	2	1679.806	-0.14	Pupa	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_23782	DAGTISGLNVLR	AGAP002076-PA	-	93	8.61E-09	1	1215.670	0.3	Malpighian tubule	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_24893	LVNHFAQEFKR	AGAP002076-PA	-	74	5.82E-07	1	1388.745	0.83	Head	2R:+:14829458-14829490	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_25366	CFFPEEVSSMVLTK	AGAP002076-PA	C1(Carbamidomethyl), M10(Oxidation)	68	2.26E-06	1	1689.792	3.52	Head	2R:+:14829086-14829127	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_26837	TLSSSTQASIEIDSLFEGTDFYTSITR	AGAP002076-PA	-	141	1.29E-13	1	2969.444	5.91	Malpighian tubule	2R:+:14829566-14829646	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_27111	DAGTISGLNVLR	AGAP002076-PA	-	84	7.28E-08	2	1215.669	-0.2	Male reproductive organs	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_27573	IAVEYKGEK	AGAP002076-PA	-	46	0.000206754	2	1036.569	1.7	Head	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_28520	KFDDPAIQADMK	AGAP002076-PA	M11(Oxidation)	85	5.57E-08	1	1378.670	2.27	Malpighian tubule	2R:+:14828978-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_29162	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl), M10(Oxidation),C7(Carbamidomethyl)	74	2.21E-07	2	1392.591	-0.94	Midgut	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_29811	ELESVCNPIISK	AGAP002076-PA	C6(Carbamidomethyl)	67	3.43E-06	2	1388.712	2.36	Head	2R:+:14830541-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_31592	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation),N1(Deamidated),Q2(Deamidated)	122	1.16E-11	1	1679.809	2.11	Head	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_31987	YRTEDEK	AGAP002076-PA	-	32	0.005039865	1	940.439	2.46	Ovary	2R:+:14830322-14830342	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_32831	IAVEYK	AGAP002076-PA	-	37	0.001797992	2	722.409	0.72	Head	2R:+:14829056-14829073	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_33164	IAVEYK	AGAP002076-PA	-	38	0.001519805	2	722.409	1.06	Salivary gland	2R:+:14829056-14829073	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_33334	LVNHFAQEFKR	AGAP002076-PA	-	72	9.95E-07	1	1388.745	1.18	Salivary gland	2R:+:14829458-14829490	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_34122	KCFFPEEVSSMVLTK	AGAP002076-PA	C2(Carbamidomethyl)	53	6.66E-05	2	1801.889	1.49	Ovary	2R:+:14829083-14829127	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_34470	HWPFEVESIEGKPK	AGAP002076-PA	-	75	4.36E-07	1	1682.858	2.23	Salivary gland	2R:+:14829014-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_35316	LVNHFAQEFKR	AGAP002076-PA	-	74	4.80E-07	1	1388.752	6.37	Malpighian tubule	2R:+:14829458-14829490	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_35772	LSKEDIER	AGAP002076-PA	-	55	5.60E-05	2	989.526	0.23	Male reproductive organs	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_35914	QKELESVCNPIISK	AGAP002076-PA	C8(Carbamidomethyl)	83	7.64E-08	1	1644.867	2.67	Head	2R:+:14830535-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_36351	ITDSDKTLVLDK	AGAP002076-PA	-	88	2.10E-08	1	1347.739	1.61	Head	2R:+:14830433-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_36556	STMEPVEK	AGAP002076-PA	-	42	0.001007853	1	920.443	3.68	Malpighian tubule	2R:+:14829683-14829706	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_37457	FEELNADLFR	AGAP002076-PA	-	74	6.07E-07	2	1253.616	0.09	Visceras	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_37517	NALESYCFNMK	AGAP002076-PA	N1(Deamidated), C7(Carbamidomethyl),"C7 (Carbamidomethyl), M10(Oxidation)",C7(Carbamidomethyl)	77	1.06E-07	1	1392.599	4.58	Ovary	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_37560	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl), M10(Oxidation)	62	3.39E-06	1	1392.595	1.86	Male reproductive organs	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_37803	STAGDTHLGGEDFDNRLVNHFAQEFK	AGAP002076-PA	-	86	2.97E-08	1	2905.353	0.97	Ovary	2R:+:14829410-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_37974	QKELESVCNPIISK	AGAP002076-PA	C8(Carbamidomethyl)	72	8.35E-07	1	1644.870	4.3	Malpighian tubule	2R:+:14830535-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_38683	FDDPAIQADMKHWPFEVESIEGKPK	AGAP002076-PA	M10(Oxidation)	86	3.17E-08	1	2930.418	5.21	Malpighian tubule	2R:+:14828981-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_39002	LSKEDIER	AGAP002076-PA	-	57	3.89E-05	2	989.528	1.65	Salivary gland	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_39711	DAGTISGLNVLR	AGAP002076-PA	-	97	2.83E-09	1	1215.670	0.7	Pupa	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_39885	IAVEYKGEK	AGAP002076-PA	-	45	0.00031048	2	1036.568	0.17	Salivary gland	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_40065	TLVLDK	AGAP002076-PA	-	38	0.001062522	1	688.424	-0.69	Midgut	2R:+:14830451-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_40949	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl), M10(Oxidation),C7(Carbamidomethyl)	89	7.42E-09	1	1392.596	2.74	Head	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_41730	FEELNADLFR	AGAP002076-PA	-	74	5.59E-07	2	1253.621	3.99	Midgut	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_41738	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation)	110	1.89E-10	1	1663.815	2.67	Visceras	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_42339	ARFEELNADLFR	AGAP002076-PA	-	74	6.27E-07	1	1480.754	-0.36	Midgut	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_43792	ELESVCNPIISK	AGAP002076-PA	C6(Carbamidomethyl)	59	2.35E-05	2	1388.711	1.57	Midgut	2R:+:14830541-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_44035	IAVEYK	AGAP002076-PA	-	37	0.001208761	2	722.408	-0.29	Visceras	2R:+:14829056-14829073	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_44906	LVNHFAQEFK	AGAP002076-PA	-	57	3.72E-05	1	1232.643	0.77	Salivary gland	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_45141	ARFEELNADLFR	AGAP002076-PA	-	96	3.68E-09	1	1480.763	5.73	Malpighian tubule	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_45145	IAVEYK	AGAP002076-PA	-	37	0.001334568	2	722.408	0.04	Midgut	2R:+:14829056-14829073	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_45241	ELESVCNPIISK	AGAP002076-PA	C6(Carbamidomethyl)	66	4.08E-06	2	1388.712	2.18	Ovary	2R:+:14830541-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_46361	QATKDAGTISGLNVLR	AGAP002076-PA	-	86	1.57E-08	2	1643.916	4.86	Malpighian tubule	2R:+:14829215-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_46635	ARFEELNADLFR	AGAP002076-PA	-	71	1.37E-06	1	1480.756	1.31	Salivary gland	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_48547	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	-	95	3.89E-09	2	2310.179	2.89	Pupa	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_49586	TLVLDK	AGAP002076-PA	-	39	0.001089851	1	688.427	3.65	Malpighian tubule	2R:+:14830451-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_50277	LIGDAAKNQVAMNPTNTIFDAK	AGAP002076-PA	M12(Oxidation)	171	9.84E-17	1	2348.202	4.59	Malpighian tubule	2R:+:14828897-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_50824	HWPFEVESIEGKPK	AGAP002076-PA	-	72	8.87E-07	1	1682.855	0.93	Pupa	2R:+:14829014-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_52389	FEELNADLFR	AGAP002076-PA	-	74	6.68E-07	2	1253.619	1.94	Pupa	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_53374	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl), M10(Oxidation)	53	2.50E-05	2	1392.593	0.81	Visceras	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_53407	TVTNAVITVPAYFNDSQR	AGAP002076-PA	-	117	2.29E-11	1	1996.023	4.66	Ovary	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_53437	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation)	92	1.13E-08	1	1679.814	4.66	Larva	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_54079	HWPFEVESIEGKPK	AGAP002076-PA	-	80	1.28E-07	1	1682.860	3.86	Ovary	2R:+:14829014-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_54819	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation)	100	1.66E-09	2	1679.807	0.44	Male reproductive organs	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_55389	LYQGAGGAPGGMPGFPGGAPGAGGAAGGAAGGAGSGSGPTIEEVD	AGAP002076-PA	M12(Oxidation)	188	1.57E-18	1	3728.705	4.4	Ovary	2R:+:14830577-14830711	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_56447	ITDSDK	AGAP002076-PA	-	35	0.005068585	1	678.331	0.38	Midgut	2R:+:14830433-14830450	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_56565	LVNHFAQEFK	AGAP002076-PA	-	60	1.85E-05	1	1232.646	3.35	Pupa	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_57184	TVTNAVITVPAYFNDSQRQATK	AGAP002076-PA	-	53	5.73E-05	1	2424.263	4.56	Malpighian tubule	2R:+:14829161-14829226	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_57847	ARFEELNADLFR	AGAP002076-PA	-	82	9.63E-08	1	1480.758	2.35	Visceras	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_58392	GVPQIEVTFDIDANGILNVTALEK	AGAP002076-PA	-	88	8.01E-09	1	2556.373	6.81	Malpighian tubule	2R:+:14830157-14830228	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_59642	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	-	81	8.72E-08	2	2310.177	2.05	Visceras	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_59780	ATMEDDKLK	AGAP002076-PA	M3(Oxidation)	76	3.25E-07	1	1066.508	-0.43	Salivary gland	2R:+:14830400-14830426	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_60413	VEIIANDQGNRTTPSYVAFTDTER	AGAP002076-PA	-	63	8.15E-06	1	2697.325	5.04	Malpighian tubule	2R:+:14828825-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_60542	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	Q15(Deamidated),N3(Deamidated)	128	2.10E-12	1	2311.172	6.75	Male reproductive organs	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_62148	TTPSYVAFTDTER	AGAP002076-PA	-	90	1.22E-08	1	1487.701	-0.31	Pupa	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_62487	WLDANQLADKEEYEHR	AGAP002076-PA	Q6(Deamidated)	133	7.40E-13	1	2016.949	4.12	Ovary	2R:+:14830487-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_62499	ATMEDDK	AGAP002076-PA	M3(Oxidation)	29	0.003650596	2	825.333	3.91	Head	2R:+:14830400-14830420	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_62519	TVTNAVITVPAYFNDSQR	AGAP002076-PA	N14(Deamidated),Q17(Deamidated)	65	4.36E-06	3	1996.012	-0.75	Midgut	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_63031	LVNHFAQEFK	AGAP002076-PA	-	46	0.000521384	1	1232.641	-0.81	Male reproductive organs	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_63999	IAVEYKGEK	AGAP002076-PA	-	48	0.000179074	1	1036.567	-0.31	Pupa	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_65537	TVTNAVITVPAYFNDSQR	AGAP002076-PA	-	72	8.32E-07	1	1996.017	2	Visceras	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_66625	IAVEYKGEK	AGAP002076-PA	-	40	0.000902514	2	1036.570	2.64	Larva	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_66938	LVNHFAQEFK	AGAP002076-PA	-	37	0.003482531	1	1232.645	2.46	Larva	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_67524	TLVLDK	AGAP002076-PA	-	39	0.000643532	1	688.425	0.99	Ovary	2R:+:14830451-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_68013	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	-	115	3.63E-11	2	2310.177	1.94	Midgut	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_68315	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	147	2.66E-14	1	2277.133	-0.18	Midgut	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_69114	MVNEAEKYR	AGAP002076-PA	M1(Oxidation)	65	4.71E-06	1	1139.555	3.34	Malpighian tubule	2R:+:14830301-14830327	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_70294	LSKEDIER	AGAP002076-PA	-	65	6.70E-06	2	989.530	4.17	Ovary	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_70380	IAVEYK	AGAP002076-PA	-	37	0.001331498	2	722.408	-0.72	Pupa	2R:+:14829056-14829073	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_70759	LYQGAGGAPGGMPGFPGGAPGAGGAAGGAAGGAGSGSGPTIEEVD	AGAP002076-PA	M12(Oxidation)	150	8.51E-15	1	3728.701	3.41	Malpighian tubule	2R:+:14830577-14830711	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_71212	ARFEELNADLFR	AGAP002076-PA	N7(Deamidated)	87	3.12E-08	1	1480.757	1.77	Head	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_71287	FEELNADLFRSTMEPVEK	AGAP002076-PA	M13(Oxidation)	43	0.000753544	1	2171.045	5.57	Malpighian tubule	2R:+:14829653-14829706	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_71371	APAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR	AGAP002076-PA	C14(Carbamidomethyl)	269	1.16E-26	1	3486.766	6.29	Malpighian tubule	2R:+:14828759-14828857	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_72005	EEYEHR	AGAP002076-PA	-	34	0.001333659	2	862.365	-4.3	Head	2R:+:14830517-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_72457	WLDANQLADKEEYEHR	AGAP002076-PA	-	87	3.47E-08	1	2016.943	1.03	Malpighian tubule	2R:+:14830487-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_73050	KFDDPAIQADMK	AGAP002076-PA	M11(Oxidation)	70	1.73E-06	2	1394.664	1.33	Head	2R:+:14828978-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_73855	FEELNADLFR	AGAP002076-PA	-	74	5.93E-07	2	1253.617	0.29	Male reproductive organs	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_74752	LVNHFAQEFKR	AGAP002076-PA	-	62	9.33E-06	1	1388.744	0.48	Midgut	2R:+:14829458-14829490	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_75032	WLDANQLADKEEYEHR	AGAP002076-PA	-	98	2.50E-09	1	2016.945	2.01	Head	2R:+:14830487-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_76172	ELESVCNPIISK	AGAP002076-PA	C6(Carbamidomethyl)	67	3.42E-06	1	1388.713	2.88	Visceras	2R:+:14830541-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_76278	TVTNAVITVPAYFNDSQR	AGAP002076-PA	-	98	2.27E-09	1	1996.015	0.71	Salivary gland	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_77026	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	78	2.08E-07	1	2277.131	-0.85	Male reproductive organs	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_77369	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation)	115	5.11E-11	1	1679.813	4.22	Ovary	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_79358	LVNHFAQEFK	AGAP002076-PA	Q7(Deamidated),N3(Deamidated)	60	1.79E-05	1	1232.637	-4.38	Head	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_80402	HWPFEVESIEGKPK	AGAP002076-PA	-	43	0.000668861	1	1682.863	5.5	Head	2R:+:14829014-14829055	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_80854	FEELNADLFR	AGAP002076-PA	-	74	5.85E-07	2	1253.617	0.68	Ovary	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_80929	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	-	113	5.33E-11	2	2310.186	5.96	Malpighian tubule	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_81143	DAGTISGLNVLR	AGAP002076-PA	-	93	7.56E-09	1	1215.669	-0.61	Head	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_81500	IAVEYK	AGAP002076-PA	-	37	0.002026692	2	722.409	1.14	Malpighian tubule	2R:+:14829056-14829073	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_81647	NQVAMNPTNTIFDAKR	AGAP002076-PA	M5(Oxidation)	85	5.85E-08	1	1835.906	-0.69	Midgut	2R:+:14828918-14828965	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_82764	LSKEDIER	AGAP002076-PA	-	54	8.20E-05	1	989.525	-1.19	Pupa	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_83338	TTPSYVAFTDTERLIGDAAK	AGAP002076-PA	-	95	3.55E-09	1	2156.097	4.7	Malpighian tubule	2R:+:14828858-14828917	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_83516	TVTNAVITVPAYFNDSQR	AGAP002076-PA	-	64	5.00E-06	1	1996.013	-0.2	Male reproductive organs	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_85018	KFDDPAIQADMK	AGAP002076-PA	-	72	1.13E-06	1	1378.669	1.65	Salivary gland	2R:+:14828978-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_85027	WLDANQLADKEEYEHR	AGAP002076-PA	-	121	1.22E-11	1	2016.945	1.76	Salivary gland	2R:+:14830487-14830534	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_86404	TLVLDKCNDTIK	AGAP002076-PA	C7(Carbamidomethyl)	69	1.70E-06	2	1419.756	3.53	Malpighian tubule	2R:+:14830451-14830486	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_86795	QKELESVCNPIISK	AGAP002076-PA	C8(Carbamidomethyl)	76	3.88E-07	1	1644.864	0.96	Salivary gland	2R:+:14830535-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_86990	LVNHFAQEFKR	AGAP002076-PA	-	74	5.27E-07	1	1388.743	-0.22	Male reproductive organs	2R:+:14829458-14829490	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_87472	GVPQIEVTFDIDANGILNVTALEK	AGAP002076-PA	-	53	2.50E-05	3	2556.368	4.68	Ovary	2R:+:14830157-14830228	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_87572	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	124	5.96E-12	1	2277.138	1.91	Pupa	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_88445	TVTNAVITVPAYFNDSQR	AGAP002076-PA	N14(Deamidated),Q17(Deamidated)	102	8.73E-10	1	1996.016	1.09	Malpighian tubule	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_88460	TLVLDKCNDTIK	AGAP002076-PA	C7(Carbamidomethyl)	70	1.32E-06	1	1419.756	3.53	Ovary	2R:+:14830451-14830486	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_89338	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	-	125	3.82E-12	1	2310.172	-0.28	Head	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_89699	NQVAMNPTNTIFDAKR	AGAP002076-PA	M5(Oxidation)	88	2.62E-08	1	1835.914	3.89	Ovary	2R:+:14828918-14828965	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_90392	ELESVCNPIISK	AGAP002076-PA	C6(Carbamidomethyl)	63	8.40E-06	1	1388.712	1.83	Malpighian tubule	2R:+:14830541-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_90857	DAGTISGLNVLR	AGAP002076-PA	-	97	2.85E-09	1	1215.674	4.11	Ovary	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_90867	SINPDEAVAYGAAVQAAILHGDK	AGAP002076-PA	-	116	2.96E-11	2	2310.187	6.17	Salivary gland	2R:+:14829833-14829901	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_91385	LVNHFAQEFKR	AGAP002076-PA	-	70	1.61E-06	1	1388.744	0.36	Ovary	2R:+:14829458-14829490	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_91546	QKELESVCNPIISK	AGAP002076-PA	C8(Carbamidomethyl)	72	8.36E-07	1	1644.872	5.56	Ovary	2R:+:14830535-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_91838	CFFPEEVSSMVLTK	AGAP002076-PA	C1(Carbamidomethyl), M10(Oxidation)	85	3.62E-08	1	1689.789	1.71	Salivary gland	2R:+:14829086-14829127	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_92437	NQVAMNPTNTIFDAKR	AGAP002076-PA	M5(Oxidation)	108	2.45E-10	1	1835.917	5.23	Malpighian tubule	2R:+:14828918-14828965	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_92589	YRTEDEK	AGAP002076-PA	-	34	0.003530393	1	940.433	-4.68	Head	2R:+:14830322-14830342	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_93662	FEELNADLFR	AGAP002076-PA	-	78	2.35E-07	1	1253.618	1.36	Head	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_94414	MVNEAEKYR	AGAP002076-PA	M1(Oxidation)	54	4.79E-05	2	1155.550	2.83	Ovary	2R:+:14830301-14830327	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_96416	DAGTISGLNVLR	AGAP002076-PA	-	88	2.42E-08	2	1215.671	1.3	Salivary gland	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_96783	ARFEELNADLFR	AGAP002076-PA	-	90	1.58E-08	1	1480.756	0.95	Ovary	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_97109	TTPSYVAFTDTER	AGAP002076-PA	-	49	0.000164868	1	1487.703	1.17	Visceras	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_97449	IAVEYKGEK	AGAP002076-PA	-	46	0.000193399	1	1036.570	2.87	Ovary	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_97686	DAGTISGLNVLR	AGAP002076-PA	-	84	6.38E-08	2	1215.670	0.7	Midgut	2R:+:14829227-14829262	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_98071	KFDDPAIQADMK	AGAP002076-PA	M11(Oxidation)	71	1.35E-06	1	1378.668	0.41	Pupa	2R:+:14828978-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_98662	TTPSYVAFTDTER	AGAP002076-PA	-	109	1.78E-10	1	1487.708	4.78	Malpighian tubule	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_100608	LVNHFAQEFK	AGAP002076-PA	-	64	7.77E-06	1	1232.646	3.05	Ovary	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_101214	TVTNAVITVPAYFNDSQR	AGAP002076-PA	-	80	1.32E-07	1	1996.016	1.36	Head	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_102846	LSKEDIER	AGAP002076-PA	-	54	7.55E-05	1	989.527	0.35	Head	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_103054	FDDPAIQADMK	AGAP002076-PA	M10(Oxidation)	76	3.26E-07	2	1250.572	-0.53	Head	2R:+:14828981-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_103726	NQVAMNPTNTIFDAKR	AGAP002076-PA	M5(Oxidation)	70	1.69E-06	1	1835.913	3.5	Salivary gland	2R:+:14828918-14828965	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_103874	CFFPEEVSSMVLTK	AGAP002076-PA	C1(Carbamidomethyl),"C1 (Carbamidomethyl), M10(Oxidation)"	73	7.04E-07	2	1673.789	-1.38	Midgut	2R:+:14829086-14829127	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_104374	TVTNAVITVPAYFNDSQR	AGAP002076-PA	N14(Deamidated),Q17(Deamidated)	64	5.23E-06	1	1996.014	0.11	Pupa	2R:+:14829161-14829214	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_104885	NQVAMNPTNTIFDAKR	AGAP002076-PA	M5(Oxidation)	37	0.003312605	1	1835.908	0.8	Male reproductive organs	2R:+:14828918-14828965	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_105652	TTPSYVAFTDTER	AGAP002076-PA	-	80	1.36E-07	2	1487.703	0.84	Male reproductive organs	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_105686	LSKEDIER	AGAP002076-PA	-	47	0.000377502	2	989.529	3.13	Larva	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_107013	ARFEELNADLFR	AGAP002076-PA	-	90	1.61E-08	1	1480.756	1.36	Pupa	2R:+:14829647-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_107699	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl), M10(Oxidation),C7(Carbamidomethyl)	89	7.72E-09	1	1392.598	4.32	Malpighian tubule	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_107816	STMEPVEK	AGAP002076-PA	M3(Oxidation)	49	0.00015273	2	936.438	4.42	Ovary	2R:+:14829683-14829706	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_107828	TTPSYVAFTDTER	AGAP002076-PA	-	107	2.49E-10	1	1487.705	2.56	Head	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_108956	STAGDTHLGGEDFDNRLVNHFAQEFK	AGAP002076-PA	-	68	2.15E-06	1	2905.363	4.32	Head	2R:+:14829410-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_110249	APAVGIDLGTTYSCVGVFQHGK	AGAP002076-PA	C14(Carbamidomethyl)	175	3.93E-17	1	2277.140	3.11	Ovary	2R:+:14828759-14828824	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_110407	ITDSDKTLVLDK	AGAP002076-PA	-	53	5.62E-05	2	1347.740	2.33	Malpighian tubule	2R:+:14830433-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_110530	IAVEYKGEK	AGAP002076-PA	-	51	6.78E-05	2	1036.572	4.88	Male reproductive organs	2R:+:14829056-14829082	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_110906	TLVLDKCNDTIK	AGAP002076-PA	C7(Carbamidomethyl)	74	5.07E-07	1	1419.754	1.9	Head	2R:+:14830451-14830486	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_111021	NALESYCFNMK	AGAP002076-PA	C7(Carbamidomethyl)	57	1.06E-05	2	1376.599	0.85	Pupa	2R:+:14830367-14830399	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_111346	NQVAMNPTNTIFDAK	AGAP002076-PA	M5(Oxidation)	129	1.89E-12	1	1679.806	-0.14	Midgut	2R:+:14828918-14828962	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_111433	KFDDPAIQADMK	AGAP002076-PA	M11(Oxidation)	61	1.60E-05	2	1378.668	0.32	Ovary	2R:+:14828978-14829013	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_111529	LVNHFAQEFK	AGAP002076-PA	-	68	2.59E-06	1	1232.644	1.27	Malpighian tubule	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_112384	FEELNADLFR	AGAP002076-PA	-	72	9.63E-07	1	1253.620	2.82	Salivary gland	2R:+:14829653-14829682	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_112824	QKELESVCNPIISK	AGAP002076-PA	C8(Carbamidomethyl)	64	6.34E-06	1	1644.862	-0.23	Midgut	2R:+:14830535-14830576	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_114807	LSKEDIER	AGAP002076-PA	-	55	6.28E-05	1	989.526	-0.27	Malpighian tubule	2R:+:14830277-14830300	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_115858	TLVLDK	AGAP002076-PA	-	38	0.001222751	1	688.423	-1.14	Pupa	2R:+:14830451-14830468	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_116067	NQVAMNPTNTIFDAKR	AGAP002076-PA	M5(Oxidation)	94	7.15E-09	2	1835.913	3.3	Head	2R:+:14828918-14828965	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_116507	LVNHFAQEFK	AGAP002076-PA	-	74	6.36E-07	1	1232.642	-0.31	Midgut	2R:+:14829458-14829487	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_116811	TTPSYVAFTDTER	AGAP002076-PA	-	104	5.35E-10	1	1487.702	0.68	Salivary gland	2R:+:14828858-14828896	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_116899	KCFFPEEVSSMVLTK	AGAP002076-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M11(Oxidation)"	86	3.81E-08	1	1817.890	4.68	Malpighian tubule	2R:+:14829083-14829127	exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_13397	AQWHSDIYDEVSSALLGLGLETECLGGGR	AGAP002078-PA	C24(Carbamidomethyl)	128	2.50E-12	1	3133.496	2.13	Ovary	2R:+:14834042-14834128	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_25940	YPDHNITCSDEGY	AGAP002078-PA	C8(Carbamidomethyl)	77	2.00E-08	1	1570.612	0.08	Ovary	2R:+:14834231-14834269	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_29674	LDAVPVVDIDEGIFK	AGAP002078-PA	-	100	1.33E-09	1	1629.873	-0.41	Ovary	2R:+:14833916-14833960	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_44937	VYGYSQGYGK	AGAP002078-PA	-	39	0.001698302	2	1121.526	-0.47	Ovary	2R:+:14834162-14834191	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_47735	YPDHNITCSDEGY	AGAP002078-PA	C8(Carbamidomethyl)	53	6.82E-06	2	1570.613	0.86	Head	2R:+:14834231-14834269	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_55481	VYGYSQGYGKADHIETR	AGAP002078-PA	-	43	0.000778506	1	1943.926	0.59	Malpighian tubule	2R:+:14834162-14834212	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_60324	LDAVPVVDIDEGIFK	AGAP002078-PA	-	37	0.002006429	1	1629.884	6.26	Midgut	2R:+:14833916-14833960	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_89318	LDAVPVVDIDEGIFK	AGAP002078-PA	-	81	8.83E-08	1	1629.881	4.46	Visceras	2R:+:14833916-14833960	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_91299	VYGQEQTDGTTPSKLIVR	AGAP002078-PA	-	41	0.000988285	1	1992.042	1	Malpighian tubule	2R:+:14833976-14834029	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_93474	VYGQEQTDGTTPSK	AGAP002078-PA	-	82	9.77E-08	1	1510.705	1.8	Ovary	2R:+:14833976-14834017	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_114121	VYGQEQTDGTTPSK	AGAP002078-PA	-	89	1.59E-08	1	1510.702	0.26	Head	2R:+:14833976-14834017	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_117827	LDAVPVVDIDEGIFK	AGAP002078-PA	-	61	1.01E-05	1	1629.878	2.67	Head	2R:+:14833916-14833960	exon=> In CDS Exon 1 of transcript AGAP002078-PA
JHU_Ag_101237	DVDEPPLEVDEGGAAR	AGAP002079-PA	-	89	1.80E-08	2	1668.776	3.03	Head	2R:-:14839459-14839412	exon=> In CDS Exon 8 of transcript AGAP002079-PA
JHU_Ag_15024	SGMEAIIEDQVTSR	AGAP002084-PA,AGAP002084-PB	M3(Oxidation)	78	2.43E-07	2	1551.738	4.08	Larva	2R:+:15123381-15123422;2R:+:15123381-15123422	exon=> In CDS Exon 2 of transcript AGAP002084-PA;exon=> In CDS Exon 2 of transcript AGAP002084-PB
JHU_Ag_45955	DQGEEGDEETK	AGAP002084-PA,AGAP002084-PB	-	30	0.001585226	2	1236.492	4.89	Head	2R:+:15123270-15123302;2R:+:15123270-15123302	exon=> In CDS Exon 2 of transcript AGAP002084-PA;exon=> In CDS Exon 2 of transcript AGAP002084-PB
JHU_Ag_4493	TAPESTSEQSAK	AGAP002085-PA	-	51	0.000113556	2	1235.576	0.85	Head	2R:+:15143561-15143596	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_13684	LEYPEIK	AGAP002085-PA	-	36	0.0034762	1	891.482	0.12	Pupa	2R:+:15143540-15143560	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_14714	CATFEPGQYWDLTPFCGR	AGAP002085-PA	C1(Carbamidomethyl), C16(Carbamidomethyl)	46	0.000233076	2	2204.960	3.33	Malpighian tubule	2R:+:15143234-15143287	exon=> In CDS Exon 2 of transcript AGAP002085-PA

JHU_Ag_15374	STCVLSDDAQPR	AGAP002085-PA	C3(Carbamidomethyl)	57	2.95E-05	1	1348.619	2.11	Malpighian tubule	2R:+:15143288-15143322,15143404-15143404	exon=> In CDS Exon 2 and 3 of transcript AGAP002085-PA
JHU_Ag_17198	LLELVEDCGPLPLANDK	AGAP002085-PA	C8(Carbamidomethyl)	101	1.09E-09	2	1895.980	0.6	Pupa	2R:+:15143405-15143455	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_22559	STCVLSDDAQPR	AGAP002085-PA	C3(Carbamidomethyl)	81	9.96E-08	1	1348.616	-0.24	Head	2R:+:15143288-15143322,15143404-15143404	exon=> In CDS Exon 2 and 3 of transcript AGAP002085-PA
JHU_Ag_38672	TAPFPACCPTFTCEPGAK	AGAP002085-PA	C7(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl)	60	6.11E-06	1	2011.871	-0.01	Pupa	2R:+:15143486-15143539	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_57395	DFPGMCFASTK	AGAP002085-PA	M5(Oxidation), C6(Carbamidomethyl)	43	0.00023132	1	1276.536	1.43	Head	2R:+:15138289-15138289,15143202-15143233	exon=> In CDS Exon 1 and 2 of transcript AGAP002085-PA
JHU_Ag_58561	RLIPADVLR	AGAP002085-PA	-	57	2.97E-06	1	1052.657	-0.68	Head	2R:+:15138262-15138288	exon=> In CDS Exon 1 of transcript AGAP002085-PA
JHU_Ag_67640	LLELVEDCGPLPLANDK	AGAP002085-PA	C8(Carbamidomethyl)	115	4.46E-11	2	1895.982	1.83	Visceras	2R:+:15143405-15143455	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_70704	LLELVEDCGPLPLANDK	AGAP002085-PA	C8(Carbamidomethyl)	130	1.14E-12	1	1895.986	4.21	Malpighian tubule	2R:+:15143405-15143455	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_79234	LLELVEDCGPLPLANDK	AGAP002085-PA	C8(Carbamidomethyl)	85	3.55E-08	1	1895.986	3.89	Larva	2R:+:15143405-15143455	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_85188	TAPFPACCPTFTCEPGAK	AGAP002085-PA	C7(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl)	106	1.75E-10	1	2011.873	0.84	Head	2R:+:15143486-15143539	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_91986	LLELVEDCGPLPLANDKCK	AGAP002085-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	55	3.60E-05	1	2184.117	5.93	Malpighian tubule	2R:+:15143405-15143461	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_101700	LLELVEDCGPLPLANDK	AGAP002085-PA	C8(Carbamidomethyl)	127	2.77E-12	1	1895.982	1.83	Head	2R:+:15143405-15143455	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_107995	TAPFPACCPTFTCEPGAK	AGAP002085-PA	C7(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl)	38	0.001109039	2	2011.878	3.63	Larva	2R:+:15143486-15143539	exon=> In CDS Exon 3 of transcript AGAP002085-PA
JHU_Ag_3762	TGMLGLFWK	AGAP002087-PA	-	41	0.000744368	1	1052.561	1.44	Malpighian tubule	2R:-:15154620-15154725,15154424-15154508	exon=> In CDS Exon 3 and 2 of transcript AGAP002087-PA
JHU_Ag_34715	TVGYWDIATENHLHTFTGHEDYIR	AGAP002088-PA	-	86	3.16E-08	1	2875.361	6.21	Ovary	2R:+:15155800-15155871	exon=> In CDS Exon 2 of transcript AGAP002088-PA
JHU_Ag_58753	SPESLVHFINFLTR	AGAP002088-PA	-	102	8.76E-10	1	1659.887	0.94	Ovary	2R:+:15156589-15156630	exon=> In CDS Exon 2 of transcript AGAP002088-PA
JHU_Ag_92740	GHHQHIFEPADQQVEEFK	AGAP002088-PA	-	118	2.44E-11	1	2176.032	5.33	Ovary	2R:+:15156367-15156420	exon=> In CDS Exon 2 of transcript AGAP002088-PA
JHU_Ag_108632	ALDDRSPESLVHFINFLTR	AGAP002088-PA	-	43	0.000462208	1	2230.177	7.06	Ovary	2R:+:15156574-15156630	exon=> In CDS Exon 2 of transcript AGAP002088-PA
JHU_Ag_117208	AGCTSPVSPNIILSGGYDR	AGAP002088-PA	C3(Carbamidomethyl)	51	0.000131742	1	1963.954	-0.19	Ovary	2R:+:15155872-15155928	exon=> In CDS Exon 2 of transcript AGAP002088-PA
JHU_Ag_897	LGGSVLAQCYGR	AGAP002091-PA	C9(Carbamidomethyl)	51	0.000143522	1	1280.642	-0.08	Ovary	2R:-:15223316-15223281	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_2763	TGPHYTVSFNPDAVYADLK	AGAP002091-PA	-	47	0.0003158	1	2095.025	5.82	Malpighian tubule	2R:-:15222746-15222690	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_5198	AGLVAGPSQVVIEIGPR	AGAP002091-PA	-	62	1.15E-06	2	1662.955	1	Visceras	2R:-:15225864-15225814	exon=> In CDS Exon 2 of transcript AGAP002091-PA
JHU_Ag_5291	QGVATSIGAQPIK	AGAP002091-PA	Q1(Deamidated)	49	0.00012631	1	1270.700	-0.26	Visceras	2R:-:15223754-15223716	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_10581	GVAVADLHSR	AGAP002091-PA	-	52	6.32E-05	2	1024.557	3.38	Malpighian tubule	2R:-:15222932-15222903	exon=> In CDS Exon 4 of transcript AGAP002091-PA

JHU_Ag_12932	ASAIEEYTGMER	AGAP002091-PA	M10(Oxidation)	32	0.003804876	2	1372.605	-0.15	Ovary	2R:-:15222785-15222750	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_14007	QGVATSIGAQPIK	AGAP002091-PA	Q1(Deamidated)	74	4.03E-07	1	1270.701	0.41	Salivary gland	2R:-:15223754-15223716	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_15049	ASCFDGPGKFVQR	AGAP002091-PA	C3(Carbamidomethyl)	34	0.005402241	1	1468.705	3.41	Malpighian tubule	2R:-:15225144-15225106	exon=> In CDS Exon 3 of transcript AGAP002091-PA
JHU_Ag_18686	IGGPVYR	AGAP002091-PA	-	42	0.000743749	2	761.432	1.91	Malpighian tubule	2R:-:15224570-15224550	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_24746	LGPAGPQVALIR	AGAP002091-PA	-	75	4.99E-08	1	1191.722	0.6	Ovary	2R:-:15222689-15222654	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_30334	GIVFPGGFSYADTLGSAK	AGAP002091-PA	-	82	8.98E-08	1	1786.909	4.27	Ovary	2R:-:15222533-15224587,15221789-15222407	exon=> In CDS Exon 5 and 4 of transcript AGAP002091-PA
JHU_Ag_30861	SAFNVTQQLLR	AGAP002091-PA	-	65	3.33E-06	1	1276.708	5.35	Malpighian tubule	2R:-:15223235-15223203	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_30954	QGVATSIGAQPIKGLVDPAK	AGAP002091-PA	Q1(Deamidated)	30	0.004522307	1	1951.095	4.41	Malpighian tubule	2R:-:15223754-15223695	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_34074	GILKELDAADQLSGK	AGAP002091-PA	-	85	2.82E-08	1	1557.859	6.56	Malpighian tubule	2R:-:15225909-15225865	exon=> In CDS Exon 2 of transcript AGAP002091-PA
JHU_Ag_34387	QGVATSIGAQPIK	AGAP002091-PA	Q1(Deamidated)	42	0.000598855	2	1270.700	0.22	Head	2R:-:15223754-15223716	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_35657	SVQSDLIFTAETHNMPTAVSPFSGATTGTGGR	AGAP002091-PA	M15(Oxidation)	148	1.95E-14	1	3253.555	3.5	Malpighian tubule	2R:-:15225105-15225010	exon=> In CDS Exon 3 of transcript AGAP002091-PA
JHU_Ag_37229	FSDNSSAIKGYQHTALR	AGAP002091-PA	-	86	3.27E-08	1	1894.947	3.21	Malpighian tubule	2R:-:15225195-15225145	exon=> In CDS Exon 3 of transcript AGAP002091-PA
JHU_Ag_46449	SAFNVTQQLLR	AGAP002091-PA	-	72	7.04E-07	1	1276.700	-0.87	Head	2R:-:15223235-15223203	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_50908	QGVATSIGAQPIK	AGAP002091-PA	Q1(Deamidated)	55	2.96E-05	2	1270.699	-1.32	Male reproductive organs	2R:-:15223754-15223716	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_51153	LRDVQSIGR	AGAP002091-PA	-	59	1.75E-05	2	1043.599	2.88	Malpighian tubule	2R:-:15225009-15224983	exon=> In CDS Exon 3 of transcript AGAP002091-PA
JHU_Ag_53859	VKLPEALNLVLSAATVGSK	AGAP002091-PA	-	60	0.0000007	1	1910.136	2.23	Ovary	2R:-:15223934-15223878	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_54243	LGGDCPDVGNAQCLK	AGAP002091-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	93	4.89E-09	1	1603.726	3.42	Malpighian tubule	2R:-:15223280-15223236	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_56101	GIVFPGGFSYADTLGSAK	AGAP002091-PA	-	84	6.98E-08	1	1786.903	0.85	Visceras	2R:-:15222533-15224587,15221789-15222407	exon=> In CDS Exon 5 and 4 of transcript AGAP002091-PA
JHU_Ag_59044	VKLPEALNLVLSAATVGSK	AGAP002091-PA	-	49	9.55E-06	1	1910.132	-0.36	Visceras	2R:-:15223934-15223878	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_60323	SAFNVTQQLLR	AGAP002091-PA	-	57	2.05E-05	1	1276.706	3.91	Ovary	2R:-:15223235-15223203	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_61054	LGPAGPQVALIR	AGAP002091-PA	-	45	4.91E-05	2	1191.723	1.52	Salivary gland	2R:-:15222689-15222654	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_61471	TNALLESLK	AGAP002091-PA	-	43	0.000449912	2	988.572	4.56	Ovary	2R:-:15226957-15226931	exon=> In CDS Exon 1 of transcript AGAP002091-PA
JHU_Ag_61959	QGVATSIGAQPIK	AGAP002091-PA	Q1(Deamidated)	62	6.37E-06	1	1270.700	0.12	Ovary	2R:-:15223754-15223716	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_62372	TGPHYTVSFNPDAVYADLK	AGAP002091-PA	-	52	0.000107723	2	2095.015	0.73	Ovary	2R:-:15222746-15222690	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_63406	LPEALNLVLSAATVGSK	AGAP002091-PA	-	99	2.88E-10	2	1682.976	4.2	Ovary	2R:-:15223928-15223878	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_63567	AGLVAGPSQVVIEIGPR	AGAP002091-PA	-	54	6.05E-06	2	1662.961	4.52	Salivary gland	2R:-:15225864-15225814	exon=> In CDS Exon 2 of transcript AGAP002091-PA
JHU_Ag_71644	SKEDWYFVPLLEQGR	AGAP002091-PA	-	90	1.33E-08	1	1866.939	0.25	Visceras	2R:-:15225573-15225529	exon=> In CDS Exon 2 of transcript AGAP002091-PA

JHU_Ag_75375	VLIEASDGASDYGNK	AGAP002091-PA	-	46	0.000378261	2	1538.731	-1.21	Salivary gland	2R:-:15224862-15224818	exon=> In CDS Exon 3 of transcript AGAP002091-PA
JHU_Ag_76333	GIVFPGGFSYADTLGSAK	AGAP002091-PA	-	91	1.38E-08	2	1786.909	4.27	Malpighian tubule	2R:-:15222533-15224587,15221789-15222407	exon=> In CDS Exon 5 and 4 of transcript AGAP002091-PA
JHU_Ag_79755	VLIEASDGASDYGNK	AGAP002091-PA	-	68	2.75E-06	2	1538.735	1.17	Male reproductive organs	2R:-:15224862-15224818	exon=> In CDS Exon 3 of transcript AGAP002091-PA
JHU_Ag_80793	AGLVAGPSQVVIEIGPR	AGAP002091-PA	-	98	2.84E-10	1	1662.958	2.61	Malpighian tubule	2R:-:15225864-15225814	exon=> In CDS Exon 2 of transcript AGAP002091-PA
JHU_Ag_81415	AGLVAGPSQVVIEIGPR	AGAP002091-PA	-	71	1.18E-07	1	1662.956	1.44	Ovary	2R:-:15225864-15225814	exon=> In CDS Exon 2 of transcript AGAP002091-PA
JHU_Ag_81418	GIVFPGGFSYADTLGSAK	AGAP002091-PA	-	44	0.000723769	2	1786.905	2.15	Pupa	2R:-:15222533-15224587,15221789-15222407	exon=> In CDS Exon 5 and 4 of transcript AGAP002091-PA
JHU_Ag_82289	AGLVAGPSQVVIEIGPR	AGAP002091-PA	-	91	1.32E-09	2	1662.955	1	Head	2R:-:15225864-15225814	exon=> In CDS Exon 2 of transcript AGAP002091-PA
JHU_Ag_89080	GIVFPGGFSYADTLGSAK	AGAP002091-PA	-	47	0.00033769	2	1786.911	5.77	Salivary gland	2R:-:15222533-15224587,15221789-15222407	exon=> In CDS Exon 5 and 4 of transcript AGAP002091-PA
JHU_Ag_93792	TNALLESLKAVNPR	AGAP002091-PA	-	55	1.15E-05	1	1525.876	3.79	Malpighian tubule	2R:-:15226957-15227005,15225498-15225997	exon=> In CDS Exon 2 and 1 of transcript AGAP002091-PA
JHU_Ag_98552	VLIEASDGASDYGNK	AGAP002091-PA	-	80	1.78E-07	2	1538.733	-0.1	Ovary	2R:-:15224862-15224818	exon=> In CDS Exon 3 of transcript AGAP002091-PA
JHU_Ag_99146	ELAHVPFDMHLDHVLGK	AGAP002091-PA	M9(Oxidation)	70	1.85E-06	1	1973.986	-1.96	Head	2R:-:15224054-15224004	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_99241	ELVEPGCAGAVIFSK	AGAP002091-PA	C7(Carbamidomethyl)	46	0.000353746	2	1576.806	0.98	Ovary	2R:-:15224339-15224295	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_99894	GIVFPGGFSYADTLGSAK	AGAP002091-PA	-	34	0.00581742	2	1786.910	4.75	Head	2R:-:15222533-15224587,15221789-15222407	exon=> In CDS Exon 5 and 4 of transcript AGAP002091-PA
JHU_Ag_101126	LGGSVLAQCYGR	AGAP002091-PA	C9(Carbamidomethyl)	59	2.43E-05	2	1280.642	0.39	Male reproductive organs	2R:-:15223316-15223281	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_102477	VNGETVVSPGTLVVSTYAPCPDVTVK	AGAP002091-PA	C20(Carbamidomethyl)	75	3.57E-07	2	2689.385	3.4	Malpighian tubule	2R:-:15223475-15223398	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_105849	MTVAEALSNLVFVGISELADVK	AGAP002091-PA	M1(Oxidation)	105	2.42E-10	1	2322.235	3.64	Ovary	2R:-:15223685-15223620	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_110201	QGVATSIGAQPIK	AGAP002091-PA	Q1(Deamidated)	37	0.002032379	2	1270.705	3.58	Malpighian tubule	2R:-:15223754-15223716	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_111729	VKLPEALNLVLSAATVGSK	AGAP002091-PA	-	33	0.000386454	3	1910.139	3.67	Salivary gland	2R:-:15223934-15223878	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_113557	SVTGLVAQQQCVGPLHTPLADFGLVAVSHFAR	AGAP002091-PA	C11(Carbamidomethyl)	76	1.04E-07	1	3375.798	10.4	Ovary	2R:-:15223850-15223755	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_113908	SAFNVTQQLLR	AGAP002091-PA	-	43	0.000535802	1	1276.706	4.3	Salivary gland	2R:-:15223235-15223203	exon=> In CDS Exon 4 of transcript AGAP002091-PA
JHU_Ag_116181	DGAGIVSALLPTLHDPMTQCQYTER	AGAP002091-PA	C20(Carbamidomethyl),"M17(Oxidation),C20(Carbamidomethyl)"	82	8.20E-08	1	2789.331	2.75	Head	2R:-:15225687-15225613	exon=> In CDS Exon 2 of transcript AGAP002091-PA
JHU_Ag_93131	EIQEHANSK	AGAP002092-PA	-	34	0.004614009	2	1055.513	1.03	Head	2R:+:15231999-15232025	exon=> In CDS Exon 2 of transcript AGAP002092-PA
JHU_Ag_20925	VSIITEPVVER	AGAP002093-PA	-	64	2.90E-06	1	1241.711	0.56	Malpighian tubule	2R:-:15238793-15238761	exon=> In CDS Exon 1 of transcript AGAP002093-PA
JHU_Ag_32005	QSFSEALEK	AGAP002093-PA	-	42	0.000830554	2	1038.511	0.98	Midgut	2R:-:15238418-15238392	exon=> In CDS Exon 3 of transcript AGAP002093-PA

JHU_Ag_42924	QQLEPLDGTLGWR	AGAP002093-PA	-	62	8.24E-06	2	1512.781	0.14	Midgut	2R:-:15234323-15234542,15234058-15234205	exon=> In CDS Exon 8 and 7 of transcript AGAP002093-PA
JHU_Ag_47650	SNLHNNNFDTSSIHSDRYNGEAGGR	AGAP002093-PA	N19(Deamidated)	96	1.94E-09	1	2763.213	1	Midgut	2R:-:15238584-15238623,15238211-15238428	exon=> In CDS Exon 3 and 2 of transcript AGAP002093-PA
JHU_Ag_47841	LGHDNLGFEQNKR	AGAP002093-PA	-	42	0.001013858	1	1527.766	0.02	Midgut	2R:-:15238760-15238722	exon=> In CDS Exon 1 of transcript AGAP002093-PA
JHU_Ag_55208	KVSIITEPVVER	AGAP002093-PA	-	61	2.36E-06	1	1369.806	0.42	Malpighian tubule	2R:-:15238796-15238761	exon=> In CDS Exon 1 of transcript AGAP002093-PA
JHU_Ag_56621	LEQSWIYSLCMR	AGAP002093-PA	C10(Carbamidomethyl), M11(Oxidation)	36	0.003099801	2	1601.744	-0.89	Midgut	2R:-:15238364-15238329	exon=> In CDS Exon 3 of transcript AGAP002093-PA
JHU_Ag_60789	VSIITEPVVER	AGAP002093-PA	-	76	1.62E-07	2	1241.706	-2.88	Midgut	2R:-:15238793-15238761	exon=> In CDS Exon 1 of transcript AGAP002093-PA
JHU_Ag_61498	AGLEMDPTAFK	AGAP002093-PA	M5(Oxidation)	59	1.41E-05	1	1195.564	-2.33	Midgut	2R:-:15235484-15235452	exon=> In CDS Exon 5 of transcript AGAP002093-PA
JHU_Ag_72648	ISQQSHHSEEGPAR	AGAP002093-PA	-	81	1.23E-07	1	1562.735	2.64	Midgut	2R:-:15238718-15238853,15238539-15238591	exon=> In CDS Exon 2 and 1 of transcript AGAP002093-PA
JHU_Ag_76780	TEEEVHYAELVK	AGAP002093-PA	-	75	5.71E-07	1	1446.722	7.31	Midgut	2R:-:15234449-15234414	exon=> In CDS Exon 7 of transcript AGAP002093-PA
JHU_Ag_94168	ATVQAALGPVALK	AGAP002093-PA	-	82	9.07E-09	2	1238.747	-0.02	Midgut	2R:-:15234512-15234474	exon=> In CDS Exon 7 of transcript AGAP002093-PA
JHU_Ag_94694	KVSIITEPVVER	AGAP002093-PA	-	62	1.97E-06	1	1369.804	-0.38	Midgut	2R:-:15238796-15238761	exon=> In CDS Exon 1 of transcript AGAP002093-PA
JHU_Ag_96501	VEYTTPSWEPPGWQK	AGAP002093-PA	-	59	1.92E-05	2	1804.852	-1.27	Midgut	2R:-:15238322-15238278	exon=> In CDS Exon 3 of transcript AGAP002093-PA
JHU_Ag_97541	ISQQSHHSEEGPAR	AGAP002093-PA	-	88	2.37E-08	1	1562.732	0.8	Malpighian tubule	2R:-:15238718-15238853,15238539-15238591	exon=> In CDS Exon 2 and 1 of transcript AGAP002093-PA
JHU_Ag_99992	PSEEGNVSSQSSSGDTKR	AGAP002093-PA	-	61	7.26E-06	1	1851.833	0.92	Malpighian tubule	2R:-:15238850-15238797	exon=> In CDS Exon 1 of transcript AGAP002093-PA
JHU_Ag_101829	YVPEPGDAYVVPIR	AGAP002093-PA	-	70	1.80E-06	1	1574.817	-2.66	Midgut	2R:-:15235070-15235029	exon=> In CDS Exon 5 of transcript AGAP002093-PA
JHU_Ag_102248	VCPYPLCPSYR	AGAP002093-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	30	0.011752658	1	1411.649	-0.46	Midgut	2R:-:15238277-15238245	exon=> In CDS Exon 3 of transcript AGAP002093-PA
JHU_Ag_111701	SNLHNNNFDTSSIHSDR	AGAP002093-PA	-	94	3.75E-09	1	1957.878	1.6	Midgut	2R:-:15238584-15238623,15238211-15238452	exon=> In CDS Exon 3 and 2 of transcript AGAP002093-PA
JHU_Ag_45280	IILIR	AGAP002093-PA,AGAP007905-PA,AGAP012166-PA,AGAP010738-PA,AGAP005034-PA	-	20	0.005597189	1	627.458	3.92	Head	2R:-:15235499-15235485;3R:-:2613857-2613843;3L:+:38249998-38250012;3L:+:9135788-9135802;2L:-:8644234-8644220	exon=> In CDS Exon 5 of transcript AGAP002093-PA;exon=> In CDS Exon 9 of transcript AGAP007905-PA;exon=> In CDS Exon 2 of transcript AGAP012166-PA;exon=> In CDS Exon 2 of transcript AGAP010738-PA;exon=> In CDS Exon 13 of transcript AGAP005034-PA
JHU_Ag_2189	IENSELAPERDENDVPSVR	AGAP002094-PA	-	86	4.28E-08	1	2169.049	3.44	Midgut	2R:-:15261476-15261420	exon=> In CDS Exon 2 of transcript AGAP002094-PA
JHU_Ag_66461	IENSELAPERDENDVPSVR	AGAP002094-PA	-	61	1.37E-05	1	2169.049	3.19	Malpighian tubule	2R:-:15261476-15261420	exon=> In CDS Exon 2 of transcript AGAP002094-PA
JHU_Ag_73795	ILDLILGK	AGAP002094-PA	-	39	0.0001973	2	884.584	2.49	Salivary gland	2R:-:15260263-15260240	exon=> In CDS Exon 6 of transcript AGAP002094-PA

JHU_Ag_85685	SGLVEIELPEVIK	AGAP002094-PA	-	77	1.09E-07	1	1425.817	-2.23	Midgut	2R:-:15261194-15261156	exon=> In CDS Exon 3 of transcript AGAP002094-PA
JHU_Ag_98696	NVAIIFTHETYR	AGAP002094-PA	-	42	0.000912 28	2	1463.761	-2.23	Midgut	2R:-:15261371-15261336	exon=> In CDS Exon 2 of transcript AGAP002094-PA
JHU_Ag_49705	AGIEPLHSEEFYFHK	AGAP002097-PA	-	43	0.000749 422	1	1803.862	-4.25	Head	2R:+:15328732-15328776	exon=> In CDS Exon 2 of transcript AGAP002097-PA
JHU_Ag_67131	VVDTLQLLLMSAK	AGAP002098-PA	M10(Oxidation)	87	9.96E-09	1	1446.824	0.22	Ovary	2R:-:15329730-15329692	exon=> In CDS Exon 1 of transcript AGAP002098-PA
JHU_Ag_21807	SFSTLFLEVNPVLAK	AGAP002100-PA	-	49	7.25E-05	1	1664.929	1.74	Male reproductive organs	2R:+:15334928-15334972	exon=> In CDS Exon 2 of transcript AGAP002100-PA
JHU_Ag_31943	IFDDTYLHILR	AGAP002100-PA	-	41	0.001182 668	1	1405.749	1.22	Male reproductive organs	2R:+:15333888-15333920	exon=> In CDS Exon 1 of transcript AGAP002100-PA
JHU_Ag_74606	ALTDAVIAPHLVWSAGR	AGAP002100-PA	-	76	1.59E-07	1	1776.969	-3.74	Male reproductive organs	2R:+:15336252-15336264,15336339-15336376	exon=> In CDS Exon 5 and 6 of transcript AGAP002100-PA
JHU_Ag_81886	VLDSVIDTLIK	AGAP002100-PA	-	81	2.90E-08	1	1215.719	-0.21	Male reproductive organs	2R:+:15334170-15334202	exon=> In CDS Exon 1 of transcript AGAP002100-PA
JHU_Ag_1507	VLTDTYVTEESGTGVVHQAPYFGEDDYR	AGAP002101-PA	-	229	1.64E-22	1	3148.448	3.08	Ovary	2R:+:15428662-15428745	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_1532	YANEWEQIVGR	AGAP002101-PA	-	82	1.16E-07	1	1364.665	4.08	Malpighian tubule	2R:+:15428122-15428154	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_1573	IESLLK	AGAP002101-PA	-	35	0.002653 466	1	702.442	3.09	Ovary	2R:+:15428533-15428550	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_2009	VYIMMECR	AGAP002101-PA	M4(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	32	0.004061 326	2	1117.487	2.62	Ovary	2R:+:15428509-15428532	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_2188	LVLASQVK	AGAP002101-PA	-	29	0.006621 708	2	857.545	-0.15	Head	2R:+:15428902-15428925	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_2619	NLNVTGLVLAADGQK	AGAP002101-PA	-	102	5.16E-10	2	1512.838	0.21	Midgut	2R:+:15429502-15429546	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_2734	MPYAAFR	AGAP002101-PA	M1(Oxidation)	34	0.002174 352	2	871.416	3.16	Malpighian tubule	2R:+:15431272-15431292	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_3449	YPLTEVIVVHQSEQYLADVR	AGAP002101-PA	-	137	2.38E-13	1	2359.241	4.75	Ovary	2R:+:15430270-15430329	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_3919	LVLASQVK	AGAP002101-PA	-	38	0.000814 648	1	857.545	-0.36	Ovary	2R:+:15428902-15428925	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_4766	NLNVTGLVLAADGQK	AGAP002101-PA	-	91	4.68E-09	2	1512.844	4.08	Head	2R:+:15429502-15429546	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_5871	GPENYTILESFPGSK	AGAP002101-PA	-	67	3.46E-06	1	1638.804	1.88	Male reproductive organs	2R:+:15428551-15428595	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_6362	LPETINFPAEEEK	AGAP002101-PA	-	63	9.70E-06	2	1516.757	2.94	Salivary gland	2R:+:15427663-15427701	exon=> In CDS Exon 1 of transcript AGAP002101-PA
JHU_Ag_7353	YGADALR	AGAP002101-PA	-	55	4.60E-05	2	765.393	4.96	Salivary gland	2R:+:15429598-15429618	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_7545	GPDDVAK	AGAP002101-PA	-	39	0.000557 458	1	701.346	-0.17	Ovary	2R:+:15428053-15428073	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_8299	SFIVGTVK	AGAP002101-PA	-	33	0.001970 01	1	850.506	2.63	Ovary	2R:+:15430819-15430842	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_9118	FIDQLTNWYVR	AGAP002101-PA	-	76	3.66E-07	2	1454.742	-0.75	Visceras	2R:+:15429928-15429960	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_11067	FVEPVTDFAGQYVK	AGAP002101-PA	-	94	4.49E-09	1	1599.812	4.01	Ovary	2R:+:15428815-15428856	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_11208	VELEEIR	AGAP002101-PA	-	51	0.000132 82	1	887.484	0.97	Ovary	2R:+:15430555-15430575	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_11583	FLFQNVDR	AGAP002101-PA	-	48	0.000134 787	2	1038.541	4.15	Ovary	2R:+:15429730-15429753	exon=> In CDS Exon 2 of transcript AGAP002101-PA

JHU_Ag_11953	RFGWDCHGLPVEYEIDK	AGAP002101-PA	C6(Carbamidomethyl)	91	1.27E-08	1	2120.993	3.26	Ovary	2R:+:15427987-15428037	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_12570	NLNVTGLVLAADGQK	AGAP002101-PA	-	86	1.64E-08	1	1512.840	1.18	Ovary	2R:+:15429502-15429546	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_13430	LYLINSPVVR	AGAP002101-PA	-	41	0.000287 62	2	1173.698	-0.66	Male reproductive organs	2R:+:15429619-15429648	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_14120	STNVMDVWIISFK	AGAP002101-PA	M5(Oxidation)	89	1.62E-08	1	1539.789	0.87	Salivary gland	2R:+:15429814-15429852	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_14258	SDTPLIYK	AGAP002101-PA	-	31	0.008537 406	1	936.508	4.46	Head	2R:+:15428950-15428973	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_14269	LYLINSPVVR	AGAP002101-PA	-	70	3.66E-07	1	1173.699	0.17	Ovary	2R:+:15429619-15429648	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_14692	VLTDTYVTEESGTGVVHQAPYFGEDDY R	AGAP002101-PA	-	107	2.58E-10	1	3148.444	1.68	Salivary gland	2R:+:15428662-15428745	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_15217	YAHQQGYHVER	AGAP002101-PA	-	64	4.88E-06	1	1387.651	0.28	Ovary	2R:+:15427954-15427986	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_15289	FVEPVTDFAGQYVK	AGAP002101-PA	-	82	9.31E-08	1	1599.810	3.17	Malpighian tubule	2R:+:15428815-15428856	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_15314	YGADALR	AGAP002101-PA	-	57	2.93E-05	2	765.388	-0.7	Head	2R:+:15429598-15429618	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_15924	STTVFEENPVGVK	AGAP002101-PA	-	69	2.14E-06	2	1406.718	0.94	Salivary gland	2R:+:15431317-15431355	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_17024	ESIDHIEIPSAVPGNPPLRR	AGAP002101-PA	-	112	4.08E-11	1	2197.174	0.45	Head	2R:+:15429244-15429303	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_17582	YEPLFDYFR	AGAP002101-PA	-	34	0.006064 542	1	1249.591	1.92	Malpighian tubule	2R:+:15428611-15428637	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_17614	LPETINFPAEEEK	AGAP002101-PA	-	50	0.000182 187	1	1516.753	0.12	Male reproductive organs	2R:+:15427663-15427701	exon=> In CDS Exon 1 of transcript AGAP002101-PA
JHU_Ag_17957	SPFVPYGPEAAAKPVLIEESQELK	AGAP002101-PA	-	55	2.81E-05	1	2599.377	4.53	Head	2R:+:15430843-15430914	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_18288	VLTDTYVTEESGTGVVHQAPYFGEDDY R	AGAP002101-PA	-	142	7.60E-14	1	3148.437	-0.53	Visceras	2R:+:15428662-15428745	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_19306	FVEPVTDFAGQYVK	AGAP002101-PA	-	56	3.06E-05	1	1599.810	2.71	Visceras	2R:+:15428815-15428856	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_19994	LYLINSPVVR	AGAP002101-PA	-	41	0.000283 674	2	1173.698	-1.07	Midgut	2R:+:15429619-15429648	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_22462	ESIDHIEIPSAVPGNPPLR	AGAP002101-PA	-	49	0.000123 989	2	2041.081	4.82	Ovary	2R:+:15429244-15429300	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_23083	DVFLPWFNAFR	AGAP002101-PA	-	40	0.001191 818	2	1411.719	2.12	Salivary gland	2R:+:15429697-15429729	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_23650	STTVFEENPVGVK	AGAP002101-PA	-	85	4.29E-08	1	1406.717	0.68	Malpighian tubule	2R:+:15431317-15431355	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_25048	DVQFNVLAGPDGR	AGAP002101-PA	-	40	0.001504 29	2	1387.702	3.91	Ovary	2R:+:15431131-15431169	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_25584	LDASSYDPK	AGAP002101-PA	-	39	0.001987 414	2	995.467	-1.21	Ovary	2R:+:15431173-15431199	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_26781	NLNVTGLVLAADGQK	AGAP002101-PA	-	96	1.77E-09	2	1512.846	5.29	Malpighian tubule	2R:+:15429502-15429546	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_28031	FIDQLTNWYVR	AGAP002101-PA	-	66	4.08E-06	2	1454.743	0.5	Male reproductive organs	2R:+:15429928-15429960	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_28490	YINVAIER	AGAP002101-PA	-	51	0.000100 742	2	977.541	-0.38	Ovary	2R:+:15430174-15430197	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_29282	FVEPVTDFAGQYVK	AGAP002101-PA	-	102	8.63E-10	1	1599.806	0.35	Salivary gland	2R:+:15428815-15428856	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_31622	DVFLPWFNAFR	AGAP002101-PA	-	74	4.35E-07	1	1411.721	3.77	Ovary	2R:+:15429697-15429729	exon=> In CDS Exon 2 of transcript AGAP002101-PA

JHU_Ag_31707	YANEWEQIVGR	AGAP002101-PA	-	71	1.44E-06	2	1364.663	2.56	Head	2R:+:15428122-15428154	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_31908	GPENYTILESFPGSK	AGAP002101-PA	-	80	1.66E-07	1	1638.806	3	Malpighian tubule	2R:+:15428551-15428595	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_33508	APFKNLNVTGLVLAADGQK	AGAP002101-PA	-	58	6.12E-06	1	1956.102	5.59	Malpighian tubule	2R:+:15429490-15429546	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_33557	LDASSYDPK	AGAP002101-PA	-	50	0.000144119	2	995.471	2.83	Malpighian tubule	2R:+:15431173-15431199	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_35838	MMAPFTPYLTEFMYQR	AGAP002101-PA	M1(Oxidation), M2(Oxidation), M13(Oxidation)	77	1.84E-07	1	2073.920	3.75	Ovary	2R:+:15430054-15430101	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_35841	LPETINFPAEEEK	AGAP002101-PA	-	55	5.39E-05	1	1516.754	0.76	Visceras	2R:+:15427663-15427701	exon=> In CDS Exon 1 of transcript AGAP002101-PA
JHU_Ag_36377	EIINRIQK	AGAP002101-PA	-	49	5.94E-05	1	1013.613	2.86	Malpighian tubule	2R:+:15430693-15430716	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_36542	GPENYTILESFPGSK	AGAP002101-PA	-	105	5.29E-10	1	1638.808	3.97	Salivary gland	2R:+:15428551-15428595	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_36551	LIPTDPVLIYYTVSGGDSEVR	AGAP002101-PA	-	67	1.85E-06	1	2294.200	3.58	Visceras	2R:+:15430735-15430797	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_36755	LSGKPLTFDQLHQEVVTLFGLK	AGAP002101-PA	-	71	2.09E-07	1	2470.379	3.45	Malpighian tubule	2R:+:15431065-15431130	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_37221	EVTDPAVFVSFPIVGDK	AGAP002101-PA	-	86	3.11E-08	1	1819.950	1.31	Malpighian tubule	2R:+:15428341-15428391	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_37661	YINVAIER	AGAP002101-PA	-	45	0.000454161	2	977.542	0.5	Male reproductive organs	2R:+:15430174-15430197	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_37817	STTVFEENPVGVK	AGAP002101-PA	-	67	3.17E-06	2	1406.719	2.24	Head	2R:+:15431317-15431355	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_38790	ITLSSER	AGAP002101-PA	-	45	0.000328709	2	805.444	3.12	Malpighian tubule	2R:+:15430372-15430392	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_38836	DQEIVCPVDASGK	AGAP002101-PA	C6(Carbamidomethyl)	81	9.30E-08	2	1417.664	0.63	Head	2R:+:15428776-15428814	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_40144	STNVMDVWIISFK	AGAP002101-PA	M5(Oxidation)	52	7.50E-05	2	1555.784	1.22	Ovary	2R:+:15429814-15429852	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_40329	LSGKPLTFDQLHQEVVTLFGLK	AGAP002101-PA	-	35	0.000943674	1	2470.377	2.56	Visceras	2R:+:15431065-15431130	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_40419	LYLINSPVVR	AGAP002101-PA	-	70	3.68E-07	1	1173.699	0.07	Malpighian tubule	2R:+:15429619-15429648	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_40856	ITLSSERQR	AGAP002101-PA	-	36	0.003975232	1	1089.605	3.9	Malpighian tubule	2R:+:15430372-15430398	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_40903	VMPYSTACTTALSNFESGQNYK	AGAP002101-PA	C8(Carbamidomethyl)	57	1.83E-05	2	2469.105	-0.56	Ovary	2R:+:15428275-15428340	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_41617	YTFYDGPPFATGLPHYGHILAGTVK	AGAP002101-PA	-	124	4.54E-12	1	2722.382	5.6	Malpighian tubule	2R:+:15427864-15427938	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_44116	LYTVVPR	AGAP002101-PA	-	36	0.000989121	1	847.505	1.9	Ovary	2R:+:15429898-15429918	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_45095	FGWDCHGLPVEYEIDK	AGAP002101-PA	C5(Carbamidomethyl)	104	4.56E-10	1	1964.891	3.05	Ovary	2R:+:15427990-15428037	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_45631	KASLLLEGR	AGAP002101-PA	-	42	0.000479003	2	986.601	1.6	Malpighian tubule	2R:+:15431038-15431064	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_45823	LYLINSPVVR	AGAP002101-PA	-	59	4.14E-06	1	1173.700	0.38	Salivary gland	2R:+:15429619-15429648	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_47261	YEPLFDYFR	AGAP002101-PA	-	35	0.005153569	2	1249.591	2.12	Head	2R:+:15428611-15428637	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_47631	YANEWEQIVGR	AGAP002101-PA	-	71	1.28E-06	2	1364.660	0.24	Ovary	2R:+:15428122-15428154	exon=> In CDS Exon 2 of transcript AGAP002101-PA

JHU_Ag_47868	ASLLLEGR	AGAP002101-PA	-	47	0.000405 79	2	858.504	0.06	Ovary	2R:+:15431041-15431064	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_48113	YTFYDGPPFATGLPHYGHILAGTVK	AGAP002101-PA	-	48	0.000217 495	1	2722.365	-0.67	Salivary gland	2R:+:15427864-15427938	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_48745	FIDQLTNWYVR	AGAP002101-PA	-	74	6.39E-07	1	1454.744	0.84	Head	2R:+:15429928-15429960	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_48782	VFENCLK	AGAP002101-PA	C5(Carbamidomethyl)	35	0.003314 866	1	909.453	3.27	Ovary	2R:+:15427729-15427749	exon=> In CDS Exon 1 of transcript AGAP002101-PA
JHU_Ag_49838	ESIDHIEIPSAVPGNPPLRR	AGAP002101-PA	-	46	0.000185 822	1	2197.174	0.56	Male reproductive organs	2R:+:15429244-15429303	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_51977	LSGKPLTFDQLHQEVVTLFGLK	AGAP002101-PA	-	124	1.25E-12	1	2470.380	3.74	Ovary	2R:+:15431065-15431130	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_52012	GPENYTILESFPGSK	AGAP002101-PA	-	42	0.001196 73	2	1638.799	-1.4	Pupa	2R:+:15428551-15428595	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_52277	YWGTPIPLWISPDGK	AGAP002101-PA	-	76	3.29E-07	1	1729.901	3.28	Ovary	2R:+:15429127-15429171	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_52759	MQAVVELGR	AGAP002101-PA	M1(Oxidation)	52	0.000126 951	2	1018.534	-0.75	Malpighian tubule	2R:+:15430210-15430236	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_52965	ESIDHIEIPSAVPGNPPLRR	AGAP002101-PA	-	89	9.01E-09	1	2197.179	2.95	Malpighian tubule	2R:+:15429244-15429303	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_53231	AEADHKTLGVR	AGAP002101-PA	-	50	9.37E-05	1	1196.641	2.58	Malpighian tubule	2R:+:15430417-15430449	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_53579	YWGTPIPLWISPDGK	AGAP002101-PA	-	31	0.009351 516	2	1729.905	5.68	Head	2R:+:15429127-15429171	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_54290	KYESVGFR	AGAP002101-PA	-	42	0.000484 113	1	985.516	5.5	Salivary gland	2R:+:15428638-15428661	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_56689	RDQEIVCPVDASGK	AGAP002101-PA	C7(Carbamidomethyl)	71	1.29E-06	2	1573.765	0.54	Head	2R:+:15428773-15428814	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_57130	LPETINFPAEEEK	AGAP002101-PA	-	50	0.000178 401	2	1516.756	1.97	Malpighian tubule	2R:+:15427663-15427701	exon=> In CDS Exon 1 of transcript AGAP002101-PA
JHU_Ag_58131	YGADALR	AGAP002101-PA	-	39	0.001801 529	2	765.392	4.08	Ovary	2R:+:15429598-15429618	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_60220	MPYAAFR	AGAP002101-PA	M1(Oxidation)	38	0.000946 956	2	871.416	3.58	Ovary	2R:+:15431272-15431292	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_60339	GPENYTILESFPGSK	AGAP002101-PA	-	95	5.72E-09	2	1638.807	3.52	Head	2R:+:15428551-15428595	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_60992	GPENYTILESFPGSK	AGAP002101-PA	-	106	4.12E-10	1	1638.807	3.67	Ovary	2R:+:15428551-15428595	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_62447	EVPAAPWVNLQLDEGLAPR	AGAP002101-PA	-	65	2.99E-06	2	2075.098	2.92	Visceras	2R:+:15430957-15431013	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_63008	VLTDTYVTEESGTGVVHQAPYFGEDDY R	AGAP002101-PA	-	157	2.60E-15	1	3148.438	-0.18	Head	2R:+:15428662-15428745	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_63688	SVAESHR	AGAP002101-PA	-	33	0.003215 447	2	785.392	2.24	Head	2R:+:15430798-15430818	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_63854	SPFVPYGPEAAAKPVLIEESQELK	AGAP002101-PA	-	51	6.95E-05	1	2599.371	2.27	Malpighian tubule	2R:+:15430843-15430914	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_66143	EVTDPAVFVSFPIVGDK	AGAP002101-PA	-	92	7.25E-09	1	1819.955	4.12	Ovary	2R:+:15428341-15428391	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_66429	FGWDCHGLPVEYEIDK	AGAP002101-PA	C5(Carbamidomethyl)	100	9.51E-10	1	1964.887	1	Midgut	2R:+:15427990-15428037	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_66660	ESIDHIEIPSAVPGNPPLRR	AGAP002101-PA	-	65	2.08E-06	1	2197.172	-0.05	Salivary gland	2R:+:15429244-15429303	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_66881	SPFVPYGPEAAAKPVLIEESQELK	AGAP002101-PA	-	70	0.000000 915	1	2599.370	1.85	Ovary	2R:+:15430843-15430914	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_67233	FIDQLTNWYVR	AGAP002101-PA	-	70	1.43E-06	2	1454.743	0	Midgut	2R:+:15429928-15429960	exon=> In CDS Exon 2 of transcript AGAP002101-PA

JHU_Ag_68202	FVEPVTDFAGQYVK	AGAP002101-PA	-	37	0.002709587	2	1599.808	1.34	Midgut	2R:+:15428815-15428856	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_69451	EVPAAPWVNLQLDEGLAPR	AGAP002101-PA	-	67	1.64E-06	2	2075.100	3.98	Head	2R:+:15430957-15431013	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_70404	KYESVGFR	AGAP002101-PA	-	44	0.000390079	2	985.510	-0.01	Ovary	2R:+:15428638-15428661	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_70460	FIDQLTNWYVR	AGAP002101-PA	-	74	5.73E-07	1	1454.747	3.11	Salivary gland	2R:+:15429928-15429960	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_71757	DQEIVCPVDASGKFVEPVTDFAGQYVK	AGAP002101-PA	C6(Carbamidomethyl)	77	2.99E-07	1	2998.465	4.99	Malpighian tubule	2R:+:15428776-15428856	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_73786	GEYGVEDCYHALDTLYDVLLAMVK	AGAP002101-PA	C8(Carbamidomethyl), M22(Oxidation)	111	1.10E-10	1	2790.313	4.55	Ovary	2R:+:15429982-15430053	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_74027	SLEAFILDELNVR	AGAP002101-PA	-	83	5.56E-08	1	1518.823	4.43	Ovary	2R:+:15430330-15430368	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_74932	EVTDPAVFVSFPIVGDK	AGAP002101-PA	-	113	5.17E-11	1	1819.952	2.25	Head	2R:+:15428341-15428391	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_76457	YWGTPIPLWISPDGK	AGAP002101-PA	-	87	2.29E-08	1	1729.899	2.43	Salivary gland	2R:+:15429127-15429171	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_76642	DADKAIIK	AGAP002101-PA	-	49	0.000183523	1	873.506	2.39	Malpighian tubule	2R:+:15428857-15428880	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_78943	EVPAAPWVNLQLDEGLAPR	AGAP002101-PA	-	81	8.02E-08	1	2075.091	-0.49	Ovary	2R:+:15430957-15431013	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_79771	EIVCVGSIDELER	AGAP002101-PA	C4(Carbamidomethyl)	60	1.73E-05	2	1518.752	3.11	Head	2R:+:15429172-15429210	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_79900	YEPLFDYFRK	AGAP002101-PA	-	38	0.002335593	1	1377.690	4.49	Ovary	2R:+:15428611-15428640	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_81047	YTFYDGPPFATGLPHYGHILAGTVK	AGAP002101-PA	-	103	7.40E-10	1	2722.365	-0.5	Ovary	2R:+:15427864-15427938	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_83253	SFIVGTVK	AGAP002101-PA	-	27	0.008118363	1	850.505	1.62	Head	2R:+:15430819-15430842	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_83424	SPFVPYGPEAAAKPVLIEESQELK	AGAP002101-PA	-	65	3.04E-06	1	2599.371	1.99	Visceras	2R:+:15430843-15430914	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_83439	FLFQNVDRFEK	AGAP002101-PA	-	53	6.55E-05	1	1442.747	2.78	Midgut	2R:+:15429730-15429762	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_83931	FIDQLTNWYVR	AGAP002101-PA	-	74	5.33E-07	1	1454.750	4.7	Malpighian tubule	2R:+:15429928-15429960	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_84949	NLNVTGLVLAADGQK	AGAP002101-PA	-	98	1.11E-09	2	1512.843	3.11	Salivary gland	2R:+:15429502-15429546	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_86024	YWGTPIPLWISPDGK	AGAP002101-PA	-	84	4.32E-08	1	1729.900	3.07	Visceras	2R:+:15429127-15429171	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_86567	LPETINFPAEEEK	AGAP002101-PA	-	75	4.57E-07	2	1516.760	4.3	Ovary	2R:+:15427663-15427701	exon=> In CDS Exon 1 of transcript AGAP002101-PA
JHU_Ag_89026	DQEIVCPVDASGK	AGAP002101-PA	C6(Carbamidomethyl)	86	2.95E-08	2	1417.666	2.01	Malpighian tubule	2R:+:15428776-15428814	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_89930	ESIDHIEIPSAVPGNPPLRR	AGAP002101-PA	-	86	1.54E-08	1	2197.179	2.79	Ovary	2R:+:15429244-15429303	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_92297	STTVFEENPVGVK	AGAP002101-PA	-	60	1.86E-05	2	1406.714	-1.66	Midgut	2R:+:15431317-15431355	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_93117	FGNWLR	AGAP002101-PA	-	41	0.000923353	2	792.416	1.05	Midgut	2R:+:15429076-15429093	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_93498	FGNWLR	AGAP002101-PA	-	53	7.22E-05	2	792.420	5.9	Ovary	2R:+:15429076-15429093	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_94333	LSGKPLTFDQLHQEVVTLFGLK	AGAP002101-PA	-	84	1.16E-08	1	2470.374	1.33	Salivary gland	2R:+:15431065-15431130	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_94364	FIDQLTNWYVR	AGAP002101-PA	Q4(Deamidated)	89	1.94E-08	1	1454.744	0.92	Ovary	2R:+:15429928-15429960	exon=> In CDS Exon 2 of transcript AGAP002101-PA

JHU_Ag_94546	STTVFEENPVGVK	AGAP002101-PA	-	50	0.000139724	1	1406.718	1.2	Male reproductive organs	2R:+:15431317-15431355	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_94957	EVPAAPWVNLQLDEGLAPR	AGAP002101-PA	-	52	5.70E-05	1	2075.088	-1.79	Midgut	2R:+:15430957-15431013	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_95001	LIPTDPVLIYYTVSGGDSEVR	AGAP002101-PA	-	102	5.79E-10	1	2294.198	2.94	Salivary gland	2R:+:15430735-15430797	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_95719	YGADALR	AGAP002101-PA	-	40	0.001806334	2	765.389	0.1	Midgut	2R:+:15429598-15429618	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_97107	LIPTDPVLIYYTVSGGDSEVR	AGAP002101-PA	-	79	1.20E-07	1	2294.204	5.5	Head	2R:+:15430735-15430797	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_97320	FVEPVTDFAGQYVK	AGAP002101-PA	-	75	4.41E-07	1	1599.811	3.48	Head	2R:+:15428815-15428856	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_99175	LIPTDPVLIYYTVSGGDSEVR	AGAP002101-PA	-	91	7.91E-09	1	2294.196	1.88	Malpighian tubule	2R:+:15430735-15430797	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_99617	DQEIVCPVDASGK	AGAP002101-PA	C6(Carbamidomethyl)	86	2.62E-08	2	1417.665	1.24	Midgut	2R:+:15428776-15428814	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_100393	FLFQNVDR	AGAP002101-PA	-	34	0.004482775	2	1038.536	-0.78	Salivary gland	2R:+:15429730-15429753	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_101104	QLLNCSSQTYWVPEYVK	AGAP002101-PA	C5(Carbamidomethyl)	86	4.30E-08	1	2115.027	2.39	Head	2R:+:15429016-15429066	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_101164	LIPTDPVLIYYTVSGGDSEVR	AGAP002101-PA	-	129	1.27E-12	1	2294.199	3.26	Ovary	2R:+:15430735-15430797	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_103870	KASLLLEGR	AGAP002101-PA	-	60	7.80E-06	2	986.599	-0.13	Ovary	2R:+:15431038-15431064	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_106242	TMPIKYPLTEVIVVHQSEQYLADVR	AGAP002101-PA	M2(Oxidation)	74	3.04E-07	1	2945.548	1.12	Ovary	2R:+:15430255-15430329	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_106837	SPFVPYGPEAAAKPVLIEESQELK	AGAP002101-PA	-	70	8.49E-07	1	2599.374	3.33	Salivary gland	2R:+:15430843-15430914	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_107001	DQEIVCPVDASGK	AGAP002101-PA	C6(Carbamidomethyl)	78	1.73E-07	2	1417.661	-1.35	Salivary gland	2R:+:15428776-15428814	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_107206	DQEIVCPVDASGK	AGAP002101-PA	C6(Carbamidomethyl)	80	1.07E-07	2	1417.664	0.89	Ovary	2R:+:15428776-15428814	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_107317	TLNIRGPDDVAK	AGAP002101-PA	-	35	0.003382409	1	1298.706	0.08	Ovary	2R:+:15428038-15428073	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_107732	VCLANGVIK	AGAP002101-PA	C2(Carbamidomethyl)	38	0.002057595	2	973.550	0.07	Ovary	2R:+:15428746-15428772	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_107746	YANEWEQIVGR	AGAP002101-PA	-	52	0.000103212	2	1364.659	-0.39	Midgut	2R:+:15428122-15428154	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_109027	YEPLFDYFR	AGAP002101-PA	-	55	4.46E-05	1	1249.594	3.88	Ovary	2R:+:15428611-15428637	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_109776	SFIVGTVK	AGAP002101-PA	-	34	0.00162199	1	850.508	5.14	Malpighian tubule	2R:+:15430819-15430842	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_109971	EIVCVGSIDELER	AGAP002101-PA	C4(Carbamidomethyl)	70	1.54E-06	1	1518.752	3.67	Ovary	2R:+:15429172-15429210	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_110712	MQAVVELGR	AGAP002101-PA	M1(Oxidation)	58	3.01E-05	2	1018.535	-0.15	Ovary	2R:+:15430210-15430236	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_111215	QLSDADITR	AGAP002101-PA	-	52	0.000106923	2	1018.519	2.99	Malpighian tubule	2R:+:15430489-15430515	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_111522	SLEAFILDELNVR	AGAP002101-PA	-	87	2.62E-08	1	1518.814	-1.75	Salivary gland	2R:+:15430330-15430368	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_113224	FLFQNVDRFEK	AGAP002101-PA	-	34	0.005439691	2	1442.748	3.71	Malpighian tubule	2R:+:15429730-15429762	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_114227	IESLLKGPENYTILESFPGSK	AGAP002101-PA	-	44	0.000354827	1	2322.223	0.14	Ovary	2R:+:15428533-15428595	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_114863	EVPAAPWVNLQLDEGLAPR	AGAP002101-PA	-	46	0.000194739	1	2075.102	4.8	Malpighian tubule	2R:+:15430957-15431013	exon=> In CDS Exon 2 of transcript AGAP002101-PA

JHU_Ag_115241	FLFQNVDRFEK	AGAP002101-PA	-	57	3.04E-05	2	1442.746	2.27	Ovary	2R:+:15429730-15429762	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_117012	YANEWEQIVGR	AGAP002101-PA	-	74	6.89E-07	2	1364.658	-0.66	Male reproductive organs	2R:+:15428122-15428154	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_117338	YGADALRLYLINSPVVR	AGAP002101-PA	-	68	5.88E-07	1	1920.078	4.22	Malpighian tubule	2R:+:15429598-15429648	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_117470	STTVFEENPVGVK	AGAP002101-PA	-	68	2.48E-06	1	1406.721	3.46	Ovary	2R:+:15431317-15431355	exon=> In CDS Exon 2 of transcript AGAP002101-PA
JHU_Ag_116	DEPLSGQATDDPDNPAYLTHTETK	AGAP002102-PA	-	126	2.55E-12	1	2615.175	0.1	Head	2R:+:15436400-15436471	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_164	GSAWQWSDKR	AGAP002102-PA	-	64	6.00E-06	2	1220.580	-0.71	Salivary gland	2R:+:15436190-15436219	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_1342	ELNVAAQLAAPR	AGAP002102-PA	-	63	2.99E-06	1	1252.704	2.12	Head	2R:+:15437057-15437092	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_5541	GNFYQIYPR	AGAP002102-PA	-	55	3.60E-05	2	1157.573	-0.58	Head	2R:+:15435691-15435717	exon=> In CDS Exon 1 of transcript AGAP002102-PA
JHU_Ag_6368	IDALPYLFESEEVDGHYRDEPLSGQATDDPDNPAYLTHTETK	AGAP002102-PA	-	71	5.22E-07	1	4749.187	2.37	Head	2R:+:15436346-15436471	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_6625	SFKDSDGDGIGDLK	AGAP002102-PA	-	76	3.37E-07	1	1453.685	2.84	Head	2R:+:15435718-15435759	exon=> In CDS Exon 1 of transcript AGAP002102-PA
JHU_Ag_7198	GITQTIDYLK	AGAP002102-PA	-	75	2.91E-07	1	1151.630	-0.35	Salivary gland	2R:+:15435760-15435760,15435837-15435865	exon=> In CDS Exon 1 and 2 of transcript AGAP002102-PA
JHU_Ag_12965	TIGIDGVWLSPIFK	AGAP002102-PA	-	78	7.87E-08	2	1545.875	4.65	Head	2R:+:15435866-15435907	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_18852	DFVNAVQSWTR	AGAP002102-PA	-	88	2.96E-08	2	1322.649	0.02	Visceras	2R:+:15436685-15436717	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_19999	LILDFVPNHSSDEHEHFR	AGAP002102-PA	N8(Deamidated)	119	2.20E-11	1	2192.054	1.02	Salivary gland	2R:+:15436025-15436078	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_23714	TFMQLTAYR	AGAP002102-PA	M3(Oxidation)	73	8.04E-07	1	1130.568	1.73	Salivary gland	2R:+:15437105-15437131	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_24914	NPALVEEMK	AGAP002102-PA	M8(Oxidation)	62	7.19E-06	1	1030.522	-1.51	Salivary gland	2R:+:15436274-15436300	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_26687	DSDGDGIGDLK	AGAP002102-PA	-	89	9.19E-09	1	1091.485	-0.48	Salivary gland	2R:+:15435727-15435759	exon=> In CDS Exon 1 of transcript AGAP002102-PA
JHU_Ag_38559	SFKDSDGDGIGDLK	AGAP002102-PA	-	95	4.09E-09	1	1453.680	-0.52	Salivary gland	2R:+:15435718-15435759	exon=> In CDS Exon 1 of transcript AGAP002102-PA
JHU_Ag_41439	TFMQLTAYRK	AGAP002102-PA	M3(Oxidation)	48	0.000265172	1	1274.647	-7.02	Salivary gland	2R:+:15437105-15437134	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_45837	NPALVEEMKNVMR	AGAP002102-PA	M8(Oxidation), M12(Oxidation)	65	5.89E-06	1	1562.764	-1.83	Salivary gland	2R:+:15436274-15436312	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_48820	FDWWER	AGAP002102-PA	-	36	0.002343274	1	938.417	1.04	Salivary gland	2R:+:15435673-15435690	exon=> In CDS Exon 1 of transcript AGAP002102-PA
JHU_Ag_49039	GITQTIDYLK	AGAP002102-PA	-	40	0.00073703	2	1151.635	3.68	Head	2R:+:15435760-15435760,15435837-15435865	exon=> In CDS Exon 1 and 2 of transcript AGAP002102-PA
JHU_Ag_50512	LLAEGNFVLR	AGAP002102-PA	N6(Deamidated)	87	1.75E-08	2	1131.652	0.23	Salivary gland	2R:+:15437141-15437170	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_50943	LLAEGNFVLR	AGAP002102-PA	-	47	0.000127734	2	1131.657	3.9	Malpighian tubule	2R:+:15437141-15437170	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_52683	VIASSLQAQPQAGTWINTR	AGAP002102-PA	-	157	1.71E-15	1	2041.087	2.26	Head	2R:+:15437312-15437368	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_52879	CASIGLK	AGAP002102-PA	C1(Carbamidomethyl)	56	4.05E-05	2	748.402	-0.19	Salivary gland	2R:+:15436004-15436024	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_54826	DFVNAVQSWTR	AGAP002102-PA	Q7(Deamidated)	88	3.08E-08	1	1322.649	0.2	Salivary gland	2R:+:15436685-15436717	exon=> In CDS Exon 2 of transcript AGAP002102-PA

JHU_Ag_55063	GSAWQWSDKR	AGAP002102-PA	-	52	9.05E-05	1	1220.583	2.09	Head	2R:+:15436190-15436219	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_56318	LAPDSGIVLER	AGAP002102-PA	-	73	3.14E-07	2	1169.655	1.86	Salivary gland	2R:+:15437378-15437410	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_56513	SVPGVGYVVVALNFGPEPATLPVASQFPGTGEHWLK	AGAP002102-PA	-	70	5.49E-07	3	3720.968	6.69	Salivary gland	2R:+:15437204-15437311	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_61861	QPDLNYRNPALVEEMK	AGAP002102-PA	-	48	0.000315267	1	1916.955	0.9	Salivary gland	2R:+:15436253-15436300	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_62489	QVVDEYTAR	AGAP002102-PA	-	51	0.000122959	2	1080.533	0.88	Head	2R:+:15436511-15436537	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_63659	GSAWQWSDK	AGAP002102-PA	-	59	1.38E-05	1	1064.480	0.44	Salivary gland	2R:+:15436190-15436216	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_65643	RLLAEGNFVLR	AGAP002102-PA	-	64	1.24E-06	1	1287.758	3.39	Salivary gland	2R:+:15437138-15437170	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_66198	IDALPYLFESEEVDGHYR	AGAP002102-PA	-	145	5.26E-14	1	2153.024	2.59	Salivary gland	2R:+:15436346-15436399	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_67438	GNFYQIYPR	AGAP002102-PA	-	65	3.84E-06	1	1157.575	0.58	Salivary gland	2R:+:15435691-15435717	exon=> In CDS Exon 1 of transcript AGAP002102-PA
JHU_Ag_72682	IDALPYLFESEEVDGHYR	AGAP002102-PA	-	35	0.004798529	1	2153.028	4.19	Head	2R:+:15436346-15436399	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_73731	AMPSGAIANWVLGNHDNSR	AGAP002102-PA	M2(Oxidation)	155	5.52E-15	1	2009.963	0.96	Salivary gland	2R:+:15436718-15436774	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_74982	DFVNAVQSWTR	AGAP002102-PA	-	83	9.12E-08	2	1322.654	4.08	Head	2R:+:15436685-15436717	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_76424	LAPDSGIVLER	AGAP002102-PA	-	69	8.08E-07	1	1169.657	3.53	Head	2R:+:15437378-15437410	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_77344	IDALPYLFESEEVDGHYRDEPLSGQATDDPDNPAYLTHTETK	AGAP002102-PA	-	189	9.06E-19	1	4749.190	3.12	Salivary gland	2R:+:15436346-15436471	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_77791	LILDFVPNHSSDEHEHFR	AGAP002102-PA	-	47	0.000328489	1	2192.056	1.84	Head	2R:+:15436025-15436078	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_77798	HPPSNWISVFR	AGAP002102-PA	-	76	2.94E-07	1	1339.694	2.25	Salivary gland	2R:+:15436157-15436189	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_82756	RQQYYLHQFQK	AGAP002102-PA	-	79	1.58E-07	1	1538.794	5	Salivary gland	2R:+:15436217-15436249	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_83581	TWLPVADGYR	AGAP002102-PA	-	73	8.35E-07	1	1177.601	1.19	Salivary gland	2R:+:15437027-15437056	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_85077	RQQYYLHQFQK	AGAP002102-PA	-	66	3.48E-06	1	1538.782	-2.86	Head	2R:+:15436217-15436249	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_91614	DQPETYDMVHQWR	AGAP002102-PA	M8(Oxidation)	114	2.07E-11	1	1720.744	3.05	Salivary gland	2R:+:15436472-15436510	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_91730	QQYYLHQFQK	AGAP002102-PA	-	58	2.59E-05	1	1382.687	1.45	Salivary gland	2R:+:15436220-15436249	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_94243	DLVMYK	AGAP002102-PA	M4(Oxidation)	37	0.000914526	1	784.381	-12.68	Salivary gland	2R:+:15437183-15437200	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_101155	VIASSLQAQPQAGTWINTR	AGAP002102-PA	Q11(Deamidated),Q9(Deamidated)	163	4.59E-16	1	2041.085	1.3	Salivary gland	2R:+:15437312-15437368	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_103386	ELNVAAQLAAPR	AGAP002102-PA	Q7(Deamidated)	102	3.64E-10	1	1252.701	0.17	Salivary gland	2R:+:15437057-15437092	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_107495	VIASSLQAQPQAGTWINTR	AGAP002102-PA	-	85	2.81E-08	2	2041.085	1.18	Visceras	2R:+:15437312-15437368	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_107934	QVVDEYTAR	AGAP002102-PA	-	50	0.00016063	2	1080.532	-0.36	Salivary gland	2R:+:15436511-15436537	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_110334	TIGIDGVWLSPIFK	AGAP002102-PA	-	101	4.01E-10	1	1545.868	-0.01	Salivary gland	2R:+:15435866-15435907	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_111857	TIGIDGVWLSPIFK	AGAP002102-PA	-	44	0.000164077	2	1545.878	6.62	Visceras	2R:+:15435866-15435907	exon=> In CDS Exon 2 of transcript AGAP002102-PA

JHU_Ag_113759	AMPSGAIANWVLGNHDNSR	AGAP002102-PA	M2(Oxidation)	52	9.25E-05	1	2025.958	0.87	Head	2R:+:15436718-15436774	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_116062	LLAEGNFVLR	AGAP002102-PA	-	50	8.83E-05	2	1131.653	0.66	Head	2R:+:15437141-15437170	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_116121	DEPLSGQATDDPDNPAYLTHTETK	AGAP002102-PA	-	148	1.63E-14	1	2615.177	0.94	Salivary gland	2R:+:15436400-15436471	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_117343	LAPDSGIVLER	AGAP002102-PA	-	40	0.000641788	2	1169.657	3.43	Malpighian tubule	2R:+:15437378-15437410	exon=> In CDS Exon 2 of transcript AGAP002102-PA
JHU_Ag_4267	KQPDLNYR	AGAP002102-PA,AGAP012400-PA,AGAP008963-PA	-	37	0.003459761	2	1033.545	2.22	Larva	2R:+:15436250-15436273;3L:+:41726647-41726670;3R:-:22246443-22246420	exon=> In CDS Exon 2 of transcript AGAP002102-PA;exon=> In CDS Exon 2 of transcript AGAP012400-PA;exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_24550	ATSDDPSAGLMNIMQQLYESGDPETKR	AGAP002107-PA	M11(Oxidation), M14(Oxidation)	128	1.71E-12	1	2986.338	-0.83	Male reproductive organs	2R:-:15703813-15703733	exon=> In CDS Exon 2 of transcript AGAP002107-PA
JHU_Ag_27903	EYAWDQSDKFIK	AGAP002107-PA	-	59	1.75E-05	1	1529.728	0.61	Male reproductive organs	2R:-:15704140-15704105	exon=> In CDS Exon 2 of transcript AGAP002107-PA
JHU_Ag_36455	VQQMLAIDIR	AGAP002107-PA	M4(Oxidation)	55	4.14E-05	2	1202.658	1.57	Ovary	2R:-:15704302-15704273	exon=> In CDS Exon 2 of transcript AGAP002107-PA
JHU_Ag_46303	DYIFVVNNLLNSIDAEK	AGAP002107-PA	-	127	2.42E-12	1	1967.014	1	Ovary	2R:-:15703999-15703949	exon=> In CDS Exon 2 of transcript AGAP002107-PA
JHU_Ag_81551	DLLAAQAASSEQTVARPVQTSVPGDVR	AGAP002107-PA	-	105	2.12E-10	1	2766.448	3.69	Head	2R:-:15704242-15704162	exon=> In CDS Exon 2 of transcript AGAP002107-PA
JHU_Ag_105880	DLLAAQAASSEQTVARPVQTSVPGDVR	AGAP002107-PA	-	205	2.36E-20	1	2766.441	1.17	Ovary	2R:-:15704242-15704162	exon=> In CDS Exon 2 of transcript AGAP002107-PA
JHU_Ag_106258	SDMVAIYLAK	AGAP002107-PA	M3(Oxidation)	60	1.07E-05	2	1126.582	0.78	Ovary	2R:-:15703930-15703901	exon=> In CDS Exon 2 of transcript AGAP002107-PA
JHU_Ag_7066	SNLLLHKPK	AGAP002108-PA,AGAP002108-PB	-	23	0.006024081	3	1049.649	1.96	Head	2R:+:15706222-15706248;2R:+:15706222-15706248	exon=> In CDS Exon 1 of transcript AGAP002108-PA;exon=> In CDS Exon 1 of transcript AGAP002108-PB
JHU_Ag_10865	RAPEPATVLTR	AGAP002108-PA,AGAP002108-PB	-	32	0.002827223	1	1210.696	4.98	Head	2R:+:15705544-15705576;2R:+:15705544-15705576	exon=> In CDS Exon 1 of transcript AGAP002108-PA;exon=> In CDS Exon 1 of transcript AGAP002108-PB
JHU_Ag_36348	SILSVDSVPLPVHITDHPNLR	AGAP002108-PA,AGAP002108-PB	-	91	4.07E-09	1	2309.267	2.31	Head	2R:+:15705688-15705750;2R:+:15705688-15705750	exon=> In CDS Exon 1 of transcript AGAP002108-PA;exon=> In CDS Exon 1 of transcript AGAP002108-PB
JHU_Ag_85701	FIADSLAEGR	AGAP002108-PA,AGAP002108-PB	-	34	0.006502915	2	1078.554	1.22	Head	2R:+:15705820-15705849;2R:+:15705820-15705849	exon=> In CDS Exon 1 of transcript AGAP002108-PA;exon=> In CDS Exon 1 of transcript AGAP002108-PB
JHU_Ag_85065	TYNALQYRPVTVTEK	AGAP002109-PA	-	93	4.87E-09	1	1782.944	3.22	Malpighian tubule	2R:-:15715387-15715343	exon=> In CDS Exon 2 of transcript AGAP002109-PA
JHU_Ag_96812	TYNALQYRPVTVTEK	AGAP002109-PA	-	87	2.00E-08	1	1782.946	4.38	Midgut	2R:-:15715387-15715343	exon=> In CDS Exon 2 of transcript AGAP002109-PA
JHU_Ag_105992	LEQQIK	AGAP002112-PA,AGAP010094-PA,AGAP013723-PA	-	37	0.002234272	2	758.440	-1.03	Head	2R:-:15753526-15753509;3R:+:49066269-49066286;3R:+:49117215-49117232	exon=> In CDS Exon 3 of transcript AGAP002112-PA;exon=> In CDS Exon 4 of transcript AGAP010094-PA;exon=> In CDS Exon 4 of transcript AGAP013723-PA
JHU_Ag_98716	AALIAGSAMAIGAGLALIFK	AGAP002113-PA	M9(Oxidation)	110	1.47E-11	1	1875.082	2.58	Ovary	2R:+:15757623-15757682	exon=> In CDS Exon 4 of transcript AGAP002113-PA
JHU_Ag_17264	QFLVGEILEAER	AGAP002113-PA,AGAP002113-PB	-	48	0.000222095	2	1403.757	3.04	Malpighian tubule	2R:+:15756222-15756257;2R:+:15756222-15756257	exon=> In CDS Exon 3 of transcript AGAP002113-PA;exon=> In CDS Exon 3 of transcript AGAP002113-PB

JHU_Ag_18245	QFLVGEILEAERK	AGAP002113-PA,AGAP002113-PB	-	70	6.37E-07	2	1531.854	3.74	Midgut	2R:+:15756222-15756260;2R:+:15756222-15756260	exon=> In CDS Exon 3 of transcript AGAP002113-PA;exon=> In CDS Exon 3 of transcript AGAP002113-PB
JHU_Ag_19358	EATADFDDVGHSTDAK	AGAP002113-PA,AGAP002113-PB	-	110	4.60E-11	1	1678.716	-2.05	Head	2R:+:15755955-15756001,15756209;2R:+:15755955-15756001,15756209	exon=> In CDS Exon 2 and 3 of transcript AGAP002113-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002113-PB
JHU_Ag_27998	QFLVGEILEAER	AGAP002113-PA,AGAP002113-PB	-	74	5.47E-07	2	1403.755	1.74	Head	2R:+:15756222-15756257;2R:+:15756222-15756257	exon=> In CDS Exon 3 of transcript AGAP002113-PA;exon=> In CDS Exon 3 of transcript AGAP002113-PB
JHU_Ag_48946	QFLVGEILEAER	AGAP002113-PA,AGAP002113-PB	-	62	8.25E-06	1	1403.752	-0.61	Salivary gland	2R:+:15756222-15756257;2R:+:15756222-15756257	exon=> In CDS Exon 3 of transcript AGAP002113-PA;exon=> In CDS Exon 3 of transcript AGAP002113-PB
JHU_Ag_53018	QFLVGEILEAER	AGAP002113-PA,AGAP002113-PB	-	105	4.66E-10	1	1403.754	0.95	Ovary	2R:+:15756222-15756257;2R:+:15756222-15756257	exon=> In CDS Exon 3 of transcript AGAP002113-PA;exon=> In CDS Exon 3 of transcript AGAP002113-PB
JHU_Ag_54423	FLAEHPGGEEVLIEFAGK	AGAP002113-PA,AGAP002113-PB	-	91	1.04E-08	1	1942.995	1.82	Malpighian tubule	2R:+:15755799-15755810,15755913-15755954;2R:+:15755799-15755810,15755913-15755954	exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PB
JHU_Ag_54482	QFLVGEILEAER	AGAP002113-PA,AGAP002113-PB	-	78	1.91E-07	2	1403.762	6.52	Midgut	2R:+:15756222-15756257;2R:+:15756222-15756257	exon=> In CDS Exon 3 of transcript AGAP002113-PA;exon=> In CDS Exon 3 of transcript AGAP002113-PB
JHU_Ag_70822	QFLVGEILEAER	AGAP002113-PA,AGAP002113-PB	-	76	3.55E-07	2	1403.757	2.52	Visceras	2R:+:15756222-15756257;2R:+:15756222-15756257	exon=> In CDS Exon 3 of transcript AGAP002113-PA;exon=> In CDS Exon 3 of transcript AGAP002113-PB
JHU_Ag_88115	EATADFDDVGHSTDAK	AGAP002113-PA,AGAP002113-PB	-	99	6.67E-10	1	1678.726	4.13	Malpighian tubule	2R:+:15755955-15756001,15756209;2R:+:15755955-15756001,15756209	exon=> In CDS Exon 2 and 3 of transcript AGAP002113-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002113-PB
JHU_Ag_96224	APTELQQYSLAQVAEHNKPNDVWMVIHDK	AGAP002113-PA,AGAP002113-PB	M24(Oxidation)	193	5.09E-19	1	3361.662	-0.38	Midgut	2R:+:15755694-15755780;2R:+:15755694-15755780	exon=> In CDS Exon 1 of transcript AGAP002113-PA;exon=> In CDS Exon 1 of transcript AGAP002113-PB
JHU_Ag_102274	EATADFDDVGHSTDAK	AGAP002113-PA,AGAP002113-PB	-	123	2.31E-12	1	1678.715	-2.48	Midgut	2R:+:15755955-15756001,15756209;2R:+:15755955-15756001,15756209	exon=> In CDS Exon 2 and 3 of transcript AGAP002113-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002113-PB
JHU_Ag_112220	FLAEHPGGEEVLIEFAGK	AGAP002113-PA,AGAP002113-PB	-	136	3.34E-13	1	1942.996	2.39	Midgut	2R:+:15755799-15755810,15755913-15755954;2R:+:15755799-15755810,15755913-15755954	exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PB

JHU_Ag_112575	FLAEHPGGEEVLIEFAGK	AGAP002113-PA,AGAP002113-PB	-	119	1.38E-11	1	1943.010	9.93	Visceras	2R:+:15755799-15755810,15755913-15755954;2R:+:15755799-15755810,15755913-15755954	exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PB
JHU_Ag_113170	FLAEHPGGEEVLIEFAGK	AGAP002113-PA,AGAP002113-PB	-	107	2.97E-10	1	1942.991	0.06	Ovary	2R:+:15755799-15755810,15755913-15755954;2R:+:15755799-15755810,15755913-15755954	exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PB
JHU_Ag_115297	FLAEHPGGEEVLIEFAGK	AGAP002113-PA,AGAP002113-PB	-	74	6.59E-07	1	1942.991	0.12	Head	2R:+:15755799-15755810,15755913-15755954;2R:+:15755799-15755810,15755913-15755954	exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002113-PB
JHU_Ag_67144	DSTIGGTATPPPPPPK	AGAP002116-PA	-	68	2.11E-06	2	1532.799	2.07	Head	2R:-:15890062-15890015	exon=> In CDS Exon 4 of transcript AGAP002116-PA
JHU_Ag_23222	SLGWTSTQQEAAAR	AGAP002118-PA	-	48	0.000265354	2	1505.736	0.85	Ovary	2R:+:15980040-15980081	exon=> In CDS Exon 1 of transcript AGAP002118-PA
JHU_Ag_48215	YFGPQLIETVK	AGAP002121-PA	-	41	0.000715833	2	1294.705	0.71	Midgut	2R:+:16045025-16045057	exon=> In CDS Exon 2 of transcript AGAP002121-PA
JHU_Ag_380	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	108	3.22E-10	1	1434.709	3.16	Salivary gland	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_4085	HMLPTGFK	AGAP002122-PA	M2(Oxidation)	37	0.004010253	1	946.483	1.04	Larva	2R:-:16046380-16046357	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_6435	QLAIAVTNPNAR	AGAP002122-PA	-	76	1.29E-07	1	1267.716	2.94	Larva	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_8284	FKGQYLMPNIGYGSK	AGAP002122-PA	M7(Oxidation)	57	3.45E-05	2	1718.860	1.84	Male reproductive organs	2R:-:16046437-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_9503	QLAIAVTNPNAR	AGAP002122-PA	-	77	1.09E-07	1	1267.711	-0.43	Midgut	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_11136	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	108	3.31E-10	1	1434.705	0.6	Head	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_16450	FKGQYLMPNIGYGSK	AGAP002122-PA	-	46	0.000446723	1	1702.866	1.95	Visceras	2R:-:16046437-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_17130	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation), M7(Oxidation)	58	2.29E-05	2	1294.612	-0.74	Salivary gland	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_25783	GQYLMPNIGYGSK	AGAP002122-PA	M5(Oxidation)	67	2.61E-06	2	1443.693	-0.73	Pupa	2R:-:16046431-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_27565	ELEVLMMQNR	AGAP002122-PA	-	39	0.002705834	2	1262.625	1.34	Malpighian tubule	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_27879	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation), M7(Oxidation)	60	1.51E-05	2	1294.618	4.07	Larva	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_37464	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	115	6.12E-11	1	1434.706	1.28	Midgut	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_37980	FLVHNVR	AGAP002122-PA	-	40	0.000556327	1	884.510	0.12	Visceras	2R:-:16046353-16046333	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_40079	FKGQYLMPNIGYGSK	AGAP002122-PA	M7(Oxidation)	100	1.65E-09	2	1702.861	-0.84	Midgut	2R:-:16046437-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA

JHU_Ag_41337	GQYLMPNIGYGSK	AGAP002122-PA	M5(Oxidation)	55	4.30E-05	2	1443.695	0.79	Male reproductive organs	2R:-:16046431-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_48127	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	78	2.84E-07	2	1434.710	3.92	Ovary	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_50575	LAPNWR	AGAP002122-PA	-	32	0.003078887	1	756.415	-0.6	Visceras	2R:-:16046614-16046701,16046174-16046474	exon=> In CDS Exon 2 and 1 of transcript AGAP002122-PA
JHU_Ag_51516	LAPNWR	AGAP002122-PA	-	37	0.000914319	2	756.416	1.02	Larva	2R:-:16046614-16046701,16046174-16046474	exon=> In CDS Exon 2 and 1 of transcript AGAP002122-PA
JHU_Ag_51883	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation), M7(Oxidation)	50	0.000172159	2	1294.612	-0.83	Visceras	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_54059	LAPNWR	AGAP002122-PA	-	31	0.003342704	2	756.416	1.66	Pupa	2R:-:16046614-16046701,16046174-16046474	exon=> In CDS Exon 2 and 1 of transcript AGAP002122-PA
JHU_Ag_55138	QLAIAVTNPNAR	AGAP002122-PA	-	76	1.42E-07	1	1267.714	1.69	Malpighian tubule	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_58321	HMLPTGFKK	AGAP002122-PA	M2(Oxidation)	35	0.005675882	1	1074.581	4.04	Malpighian tubule	2R:-:16046380-16046354	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_62391	FLVHNVR	AGAP002122-PA	-	43	0.000274428	1	884.512	2.26	Ovary	2R:-:16046353-16046333	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_62781	FKGQYLMPNIGYGSK	AGAP002122-PA	M7(Oxidation)	96	4.67E-09	1	1718.863	3.47	Larva	2R:-:16046437-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_64299	FLVHNVRELEVLMMQNR	AGAP002122-PA	M13(Oxidation), M14(Oxidation)	64	5.51E-06	1	2160.111	2.75	Malpighian tubule	2R:-:16046353-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_64326	QLAIAVTNPNAR	AGAP002122-PA	-	66	1.36E-06	1	1267.716	2.94	Head	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_65085	FKGQYLMPNIGYGSK	AGAP002122-PA	M7(Oxidation)	77	3.37E-07	1	1718.862	2.55	Malpighian tubule	2R:-:16046437-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_65862	AKQLAIAVTNPNAR	AGAP002122-PA	-	117	5.37E-12	1	1466.846	1.7	Malpighian tubule	2R:-:16046239-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_65970	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	63	1.02E-05	1	1434.708	2.39	Pupa	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_66923	HMLPTGFKK	AGAP002122-PA	M2(Oxidation)	49	0.000226482	1	1074.574	-2.76	Pupa	2R:-:16046380-16046354	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_70318	FLVHNVR	AGAP002122-PA	-	31	0.005377244	1	884.512	1.71	Malpighian tubule	2R:-:16046353-16046333	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_73877	FKGQYLMPNIGYGSK	AGAP002122-PA	M7(Oxidation)	84	7.91E-08	1	1702.864	0.81	Pupa	2R:-:16046437-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_75627	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	110	1.68E-10	1	1434.704	-0.16	Visceras	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_78286	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation)	66	5.01E-06	2	1262.628	3.95	Pupa	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_78604	HMLPTGFKK	AGAP002122-PA	M2(Oxidation)	40	0.002102818	1	1074.574	-2.09	Larva	2R:-:16046380-16046354	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_81252	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation), M7(Oxidation)	55	5.04E-05	1	1294.613	-0.17	Male reproductive organs	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_82874	LRAQEME	AGAP002122-PA	M6(Oxidation)	35	0.003944059	1	892.420	0.63	Malpighian tubule	2R:-:16046197-16046177	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_84695	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	97	3.62E-09	1	1434.705	0.35	Male reproductive organs	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_89323	QLAIAVTNPNAR	AGAP002122-PA	-	77	1.11E-07	1	1267.712	0.05	Pupa	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_90931	QLAIAVTNPNAR	AGAP002122-PA	-	76	1.44E-07	1	1267.711	-0.52	Visceras	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA

JHU_Ag_93712	AKQLAIAVTNPNAR	AGAP002122-PA	-	58	4.24E-06	2	1466.844	0.29	Salivary gland	2R:-:16046239-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_96550	GQYLMPNIGYGSK	AGAP002122-PA	M5(Oxidation)	55	4.43E-05	1	1443.697	1.98	Larva	2R:-:16046431-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_98131	FLVHNVR	AGAP002122-PA	-	56	1.55E-05	1	884.510	-0.22	Pupa	2R:-:16046353-16046333	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_99461	GQYLMPNIGYGSK	AGAP002122-PA	M5(Oxidation)	39	0.0017562	1	1443.692	-0.98	Salivary gland	2R:-:16046431-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_101479	GQYLMPNIGYGSK	AGAP002122-PA	M5(Oxidation)	87	2.64E-08	1	1443.696	1.39	Ovary	2R:-:16046431-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_101698	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation), M7(Oxidation)	74	9.68E-07	2	1262.623	0.08	Midgut	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_103206	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation), M7(Oxidation)	68	3.27E-06	2	1262.628	4.15	Head	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_105029	FLVHNVR	AGAP002122-PA	-	50	5.51E-05	1	884.511	0.54	Larva	2R:-:16046353-16046333	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_108003	GQYLMPNIGYGSK	AGAP002122-PA	M5(Oxidation)	73	6.77E-07	2	1443.693	-0.39	Midgut	2R:-:16046431-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_111941	QLAIAVTNPNAR	AGAP002122-PA	-	77	1.10E-07	1	1267.713	0.63	Salivary gland	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_113360	ELEVLMMQNR	AGAP002122-PA	M6(Oxidation), M7(Oxidation)	54	6.14E-05	2	1294.615	1.53	Ovary	2R:-:16046332-16046303	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_114027	QLAIAVTNPNAR	AGAP002122-PA	-	76	1.55E-07	1	1267.712	0.54	Ovary	2R:-:16046233-16046198	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_114553	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	68	3.32E-06	1	1434.706	1.11	Larva	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_114659	VYCAEIAHAVSSK	AGAP002122-PA	C3(Carbamidomethyl)	69	2.42E-06	1	1434.708	2.31	Malpighian tubule	2R:-:16046302-16046264	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_114695	HMLPTGFKK	AGAP002122-PA	M2(Oxidation)	46	0.000487438	1	1074.575	-1.23	Visceras	2R:-:16046380-16046354	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_115236	FLVHNVR	AGAP002122-PA	-	48	9.79E-05	2	884.509	-1.81	Head	2R:-:16046353-16046333	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_116130	GQYLMPNIGYGSK	AGAP002122-PA	M5(Oxidation)	41	0.00101688	2	1443.700	4.09	Malpighian tubule	2R:-:16046431-16046393	exon=> In CDS Exon 2 of transcript AGAP002122-PA
JHU_Ag_67295	RLEDETR	AGAP002123-PA	-	44	0.000845706	2	918.464	-0.07	Head	2R:-:16051423-16051403	exon=> In CDS Exon 7 of transcript AGAP002123-PA
JHU_Ag_2133	AGFAGDHIPK	AGAP002127-PA	-	70	9.67E-07	1	1012.517	-4.35	Head	2R:-:16090582-16090553	exon=> In CDS Exon 2 of transcript AGAP002127-PA
JHU_Ag_5399	VMAGALEGDMFVGPK	AGAP002127-PA	M2(Oxidation), M10(Oxidation)	75	3.94E-07	1	1553.731	-1.65	Ovary	2R:-:16090417-16090373	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_12136	TTAEFEIVR	AGAP002127-PA	-	61	1.19E-05	2	1065.557	-0.12	Midgut	2R:-:16089937-16089911	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_13268	YVLPDGNVLEIGPACYR	AGAP002127-PA	C15(Carbamidomethyl)	60	1.65E-05	1	1935.967	1.79	Malpighian tubule	2R:-:16089835-16089785	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_20315	TTAEFEIVR	AGAP002127-PA	-	56	3.47E-05	2	1065.556	-1.04	Malpighian tubule	2R:-:16089937-16089911	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_20516	VCSLATNPLKEETVDTEK	AGAP002127-PA	C2(Carbamidomethyl)	41	0.001162336	1	2034.003	-1.55	Salivary gland	2R:-:16089895-16089842	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_21919	DELSTFAEEHPVLLTEAPLNPR	AGAP002127-PA	-	94	4.64E-09	1	2478.252	0.14	Midgut	2R:-:16090267-16090202	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_23107	VMAGALEGDMFVGPK	AGAP002127-PA	M2(Oxidation)	72	9.58E-07	2	1521.748	2.7	Malpighian tubule	2R:-:16090417-16090373	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_29581	YVLPDGNVLEIGPACYR	AGAP002127-PA	C15(Carbamidomethyl)	60	1.64E-05	1	1935.971	3.87	Midgut	2R:-:16089835-16089785	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_31090	VDIAGRDVTR	AGAP002127-PA	-	35	0.005339669	1	1101.601	0.19	Malpighian tubule	2R:-:16090009-16089980	exon=> In CDS Exon 3 of transcript AGAP002127-PA

JHU_Ag_40132	TTAEFEIVR	AGAP002127-PA	-	44	0.000553519	1	1065.559	1.71	Salivary gland	2R:-:16089937-16089911	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_43267	VCSLATNPLKEETVDTEK	AGAP002127-PA	C2(Carbamidomethyl)	67	2.97E-06	1	2034.002	-1.91	Midgut	2R:-:16089895-16089842	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_43679	IYSTWMGGSILASLDTFKK	AGAP002127-PA	M6(Oxidation)	34	0.005215581	1	2134.098	4.33	Malpighian tubule	2R:-:16089466-16089410	exon=> In CDS Exon 4 of transcript AGAP002127-PA
JHU_Ag_50637	MLYQNIVLSGGSTLFK	AGAP002127-PA	-	80	9.60E-08	1	1770.948	0.98	Salivary gland	2R:-:16089679-16089632	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_53625	TKYVLPDGNVLEIGPACYR	AGAP002127-PA	C17(Carbamidomethyl)	37	0.002365611	1	2165.114	3.81	Malpighian tubule	2R:-:16089841-16089785	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_62000	MLYQNIVLSGGSTLFK	AGAP002127-PA	M1(Oxidation)	106	2.76E-10	2	1786.940	-0.35	Midgut	2R:-:16089679-16089632	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_62029	VCSLATNPLKEETVDTEK	AGAP002127-PA	C2(Carbamidomethyl)	49	0.000195763	1	2034.000	-2.9	Malpighian tubule	2R:-:16089895-16089842	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_70866	AGFAGDHIPK	AGAP002127-PA	-	71	7.46E-07	1	1012.522	1.32	Malpighian tubule	2R:-:16090582-16090553	exon=> In CDS Exon 2 of transcript AGAP002127-PA
JHU_Ag_72877	VCSLATNPLK	AGAP002127-PA	C2(Carbamidomethyl)	48	0.000301261	2	1102.587	-4.63	Head	2R:-:16089895-16089866	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_83528	IYSTWMGGSILASLDTFKK	AGAP002127-PA	M6(Oxidation)	38	0.002202256	1	2134.088	-0.65	Midgut	2R:-:16089466-16089410	exon=> In CDS Exon 4 of transcript AGAP002127-PA
JHU_Ag_94384	VMAGALEGDMFVGPK	AGAP002127-PA	M2(Oxidation)	50	0.000122445	2	1537.733	-3.87	Midgut	2R:-:16090417-16090373	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_97751	YVLPDGNVLEIGPACYR	AGAP002127-PA	C15(Carbamidomethyl)	77	3.16E-07	1	1935.960	-1.93	Head	2R:-:16089835-16089785	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_100400	DELSTFAEEHPVLLTEAPLNPR	AGAP002127-PA	-	133	6.69E-13	1	2478.258	2.58	Head	2R:-:16090267-16090202	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_101599	DELSTFAEEHPVLLTEAPLNPR	AGAP002127-PA	-	94	4.91E-09	1	2478.259	2.95	Salivary gland	2R:-:16090267-16090202	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_115447	DELSTFAEEHPVLLTEAPLNPR	AGAP002127-PA	-	90	1.30E-08	1	2478.255	1.69	Pupa	2R:-:16090267-16090202	exon=> In CDS Exon 3 of transcript AGAP002127-PA
JHU_Ag_6064	VAAIGDVLNNR	AGAP002129-PA	-	60	7.47E-06	2	1141.634	1.53	Salivary gland	2R:-:16095382-16095350	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_9956	EALKDDNPYASVDPTPPATSK	AGAP002129-PA	-	43	0.000941022	3	2216.076	1.97	Malpighian tubule	2R:-:16094995-16094933	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_19530	TEEATLALASGLK	AGAP002129-PA	-	82	6.74E-08	2	1303.711	0.79	Salivary gland	2R:-:16094842-16094804	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_19575	TEEATLALASGLK	AGAP002129-PA	-	86	2.87E-08	2	1303.710	-0.05	Ovary	2R:-:16094842-16094804	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_23626	EALKDDNPYASVDPTPPATSK	AGAP002129-PA	-	35	0.004962682	1	2216.067	-2.16	Midgut	2R:-:16094995-16094933	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_26740	HEAAEALGAIGDSSVEDTLVSYSK	AGAP002129-PA	-	41	0.001215516	3	2449.173	0.05	Ovary	2R:-:16095136-16095065	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_43144	VLADVQQEAMVR	AGAP002129-PA	M10(Oxidation)	106	4.64E-10	1	1374.702	-2.06	Ovary	2R:-:16095172-16095137	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_43315	VLADVQQEAMVR	AGAP002129-PA	M10(Oxidation)	73	9.75E-07	2	1374.703	-1.35	Male reproductive organs	2R:-:16095172-16095137	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_62580	VLADVQQEAMVR	AGAP002129-PA	M10(Oxidation)	51	0.000148609	2	1374.705	0.08	Salivary gland	2R:-:16095172-16095137	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_72540	ILMDEADTLFNR	AGAP002129-PA	M3(Oxidation)	84	5.99E-08	2	1453.699	-0.06	Male reproductive organs	2R:-:16094911-16094876	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_73635	ILMDEADTLFNR	AGAP002129-PA	M3(Oxidation)	108	2.06E-10	1	1453.700	0.19	Ovary	2R:-:16094911-16094876	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_75017	VLADVQQEAMVR	AGAP002129-PA	M10(Oxidation)	51	0.000160861	2	1374.706	1.05	Malpighian tubule	2R:-:16095172-16095137	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_86851	ALFTLR	AGAP002129-PA	-	42	0.000189603	2	720.441	1.4	Ovary	2R:-:16095322-16095305	exon=> In CDS Exon 1 of transcript AGAP002129-PA

JHU_Ag_95453	VAAIGDVLNNR	AGAP002129-PA	-	67	1.63E-06	1	1141.632	-0.08	Ovary	2R:-:16095382-16095350	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_116291	VAAIGDVLNNR	AGAP002129-PA	-	64	3.30E-06	2	1141.631	-1.36	Male reproductive organs	2R:-:16095382-16095350	exon=> In CDS Exon 1 of transcript AGAP002129-PA
JHU_Ag_37516	EVVTQQNR	AGAP002130-PA	-	44	0.000730799	2	973.506	-0.02	Ovary	2R:+:16096322-16096345	exon=> In CDS Exon 1 of transcript AGAP002130-PA
JHU_Ag_53902	AHEELSEMIK	AGAP002130-PA	M8(Oxidation)	61	8.68E-06	1	1202.571	-1.35	Ovary	2R:+:16096556-16096585	exon=> In CDS Exon 2 of transcript AGAP002130-PA
JHU_Ag_55307	ASGSDDHVLR	AGAP002130-PA	-	71	8.73E-07	2	1056.508	1.01	Ovary	2R:+:16096361-16096390	exon=> In CDS Exon 1 of transcript AGAP002130-PA
JHU_Ag_64286	NEEELKETEQYQAAVAALEDAK	AGAP002130-PA	-	150	1.55E-14	1	2479.188	1.91	Ovary	2R:+:16096586-16096651	exon=> In CDS Exon 2 of transcript AGAP002130-PA
JHU_Ag_87969	ETEQYQAAVAALEDAK	AGAP002130-PA	-	70	1.67E-06	2	1736.836	1.25	Ovary	2R:+:16096604-16096651	exon=> In CDS Exon 2 of transcript AGAP002130-PA
JHU_Ag_113700	KQEEVLQESMMMIPDCQR	AGAP002130-PA	M10(Oxidation), M11(Oxidation), M12(Oxidation), C16(Carbamidomethyl)	108	1.15E-10	1	2300.006	1.24	Ovary	2R:+:16096391-16096444	exon=> In CDS Exon 1 of transcript AGAP002130-PA
JHU_Ag_1757	NPARPTQVMMFDFQTLR	AGAP002136-PA	M9(Oxidation)	39	0.002257961	1	2068.019	4.14	Malpighian tubule	2R:+:16384906-16384956	exon=> In CDS Exon 5 of transcript AGAP002136-PA
JHU_Ag_37701	FKGLVPADYLEK	AGAP002136-PA	-	34	0.003116639	1	1379.760	2.13	Malpighian tubule	2R:+:16384593-16384628	exon=> In CDS Exon 4 of transcript AGAP002136-PA
JHU_Ag_42267	YAADITDHTWK	AGAP002136-PA	-	63	7.23E-06	1	1320.622	-0.14	Midgut	2R:+:16384506-16384538	exon=> In CDS Exon 4 of transcript AGAP002136-PA
JHU_Ag_51314	LFQDPWEHAK	AGAP002136-PA	-	39	0.001191761	1	1270.623	1.23	Malpighian tubule	2R:+:16384638-16384667	exon=> In CDS Exon 4 of transcript AGAP002136-PA
JHU_Ag_55820	EHHFDTIFR	AGAP002136-PA	-	40	0.000837833	1	1201.570	-4.2	Head	2R:+:16385020-16385046	exon=> In CDS Exon 5 of transcript AGAP002136-PA
JHU_Ag_70398	LHSQYGLDPV	AGAP002136-PA	-	50	9.77E-05	2	1128.568	-0.13	Malpighian tubule	2R:+:16385457-16385486	exon=> In CDS Exon 6 of transcript AGAP002136-PA
JHU_Ag_70829	LFQDPWEHAK	AGAP002136-PA	-	45	0.000329173	1	1270.622	0.06	Midgut	2R:+:16384638-16384667	exon=> In CDS Exon 4 of transcript AGAP002136-PA
JHU_Ag_77340	EPLAVICHGDYLR	AGAP002136-PA	C7(Carbamidomethyl)	86	3.51E-08	1	1542.772	-1.12	Malpighian tubule	2R:+:16384686-16384724	exon=> In CDS Exon 4 of transcript AGAP002136-PA
JHU_Ag_81297	KPAEALMVMSDFSFSGWK	AGAP002136-PA	M7(Oxidation), M9(Oxidation)	44	0.000614237	1	2062.968	3.03	Malpighian tubule	2R:+:16384163-16384216	exon=> In CDS Exon 3 of transcript AGAP002136-PA
JHU_Ag_94854	EAQEPETLHLIVK	AGAP002136-PA	-	64	4.70E-06	1	1506.816	0.02	Midgut	2R:+:16382298-16382336	exon=> In CDS Exon 1 of transcript AGAP002136-PA
JHU_Ag_98707	TYHGALVQTVATVVGVPEPADLPPYFSYESFHR	AGAP002136-PA	-	104	3.77E-10	1	3647.837	5.38	Malpighian tubule	2R:+:16385047-16385126,16385249-16385267	exon=> In CDS Exon 5 and 6 of transcript AGAP002136-PA
JHU_Ag_100142	YAADITDHTWK	AGAP002136-PA	-	63	7.13E-06	1	1320.623	1.07	Malpighian tubule	2R:+:16384506-16384538	exon=> In CDS Exon 4 of transcript AGAP002136-PA
JHU_Ag_103562	GQLAFTEPVPAGVK	AGAP002136-PA	-	71	8.09E-07	2	1413.776	1.3	Malpighian tubule	2R:+:16382145-16382186	exon=> In CDS Exon 1 of transcript AGAP002136-PA
JHU_Ag_1581	VFFESYDVVFR	AGAP002137-PA	-	96	4.33E-09	1	1407.693	-0.69	Midgut	2R:+:16393062-16393094	exon=> In CDS Exon 2 of transcript AGAP002137-PA
JHU_Ag_22175	DPTYSVILHGDYNR	AGAP002137-PA	-	105	5.39E-10	1	1649.792	-0.18	Midgut	2R:+:16393236-16393277	exon=> In CDS Exon 2 of transcript AGAP002137-PA
JHU_Ag_37835	ERFWEELLR	AGAP002137-PA	-	63	7.76E-06	1	1277.666	1.99	Midgut	2R:+:16393416-16393442	exon=> In CDS Exon 2 of transcript AGAP002137-PA
JHU_Ag_40400	IVPLNFLQDGK	AGAP002137-PA	-	48	0.000152059	2	1243.705	-0.04	Midgut	2R:+:16393029-16393061	exon=> In CDS Exon 2 of transcript AGAP002137-PA
JHU_Ag_64607	LFAYVDAVPAELDSER	AGAP002137-PA	-	62	1.11E-05	2	1794.890	-0.49	Midgut	2R:+:16393110-16393157	exon=> In CDS Exon 2 of transcript AGAP002137-PA

JHU_Ag_68392	HLDGFMSAIHQLTLTLR	AGAP002137-PA	M6(Oxidation)	57	2.06E-05	1	1969.033	0.48	Midgut	2R:+:16392481-16392531	exon=> In CDS Exon 1 of transcript AGAP002137-PA
JHU_Ag_71798	HLDGFMSAIHQLTLTLR	AGAP002137-PA	-	63	4.25E-06	1	1953.042	2.41	Malpighian tubule	2R:+:16392481-16392531	exon=> In CDS Exon 1 of transcript AGAP002137-PA
JHU_Ag_78665	HSASGETSTVPLLVK	AGAP002137-PA	-	56	2.20E-05	1	1525.826	2.61	Malpighian tubule	2R:+:16392532-16392545,16392623-16392653	exon=> In CDS Exon 1 and 2 of transcript AGAP002137-PA
JHU_Ag_83618	LFAYVDAVPAELDSER	AGAP002137-PA	-	73	9.16E-07	1	1794.892	0.8	Malpighian tubule	2R:+:16393110-16393157	exon=> In CDS Exon 2 of transcript AGAP002137-PA
JHU_Ag_105447	TKYGPNQSELMQK	AGAP002137-PA	-	70	1.73E-06	2	1523.751	-0.68	Malpighian tubule	2R:+:16393185-16393223	exon=> In CDS Exon 2 of transcript AGAP002137-PA
JHU_Ag_111214	ERFWEELLR	AGAP002137-PA	-	59	1.92E-05	1	1277.664	-0.01	Malpighian tubule	2R:+:16393416-16393442	exon=> In CDS Exon 2 of transcript AGAP002137-PA
JHU_Ag_116782	HSASGETSTVPLLVK	AGAP002137-PA	-	60	1.02E-05	1	1525.821	-0.59	Midgut	2R:+:16392532-16392545,16392623-16392653	exon=> In CDS Exon 1 and 2 of transcript AGAP002137-PA
JHU_Ag_1993	LIVINR	AGAP002139-PA	N5(Deamidated)	30	0.002952033	2	728.466	-0.25	Midgut	2R:-:16401211-16401194	exon=> In CDS Exon 2 of transcript AGAP002139-PA
JHU_Ag_35949	IENDIK	AGAP002139-PA	N3(Deamidated)	40	0.002926333	1	732.381	4.74	Larva	2R:-:16400700-16400683	exon=> In CDS Exon 3 of transcript AGAP002139-PA
JHU_Ag_12771	DSLNDLLTAIVVR	AGAP002140-PA	-	71	6.06E-07	1	1428.805	-0.84	Ovary	2R:-:16402013-16401975	exon=> In CDS Exon 1 of transcript AGAP002140-PA
JHU_Ag_89074	DSLNDLLTAIVVR	AGAP002140-PA	-	91	5.57E-09	2	1428.809	1.94	Midgut	2R:-:16402013-16401975	exon=> In CDS Exon 1 of transcript AGAP002140-PA
JHU_Ag_96732	DLLALK	AGAP002143-PA	-	31	0.006493128	1	672.437	11.05	Ovary	2R:-:16409239-16409222	exon=> In CDS Exon 8 of transcript AGAP002143-PA
JHU_Ag_85700	LWAYDNEESIADISGHVPHR	AGAP002144-PA	-	59	2.11E-05	1	2309.099	2.01	Ovary	2R:+:16413227-16413286	exon=> In CDS Exon 4 of transcript AGAP002144-PA
JHU_Ag_92888	FWIANYSLAR	AGAP002144-PA	-	40	0.001052965	2	1240.649	1.1	Ovary	2R:+:16412773-16412802	exon=> In CDS Exon 3 of transcript AGAP002144-PA
JHU_Ag_2785	VNVGGDVTSGLFIK	AGAP002145-PA	-	109	1.30E-10	1	1405.772	2.58	Head	2R:-:16417774-16417733	exon=> In CDS Exon 3 of transcript AGAP002145-PA
JHU_Ag_4038	HSIAGQGIFISDIQEGSTAEK	AGAP002145-PA	-	145	3.73E-14	2	2188.090	0.68	Head	2R:-:16415967-16415905	exon=> In CDS Exon 13 of transcript AGAP002145-PA
JHU_Ag_5878	KTSPDDMAVKPVK	AGAP002145-PA	M7(Oxidation)	67	3.24E-06	1	1431.735	-11.43	Head	2R:-:16416301-16416263	exon=> In CDS Exon 11 of transcript AGAP002145-PA
JHU_Ag_7910	HFPTDIDYTDNIMEK	AGAP002145-PA	M13(Oxidation)	86	2.58E-08	1	1854.826	2.33	Head	2R:-:16416262-16416305,16416078-16416111	exon=> In CDS Exon 12 and 11 of transcript AGAP002145-PA
JHU_Ag_9980	KVPPPVTPSK	AGAP002145-PA	-	24	0.004647178	2	1049.630	-4.76	Head	2R:-:16417350-16417321	exon=> In CDS Exon 5 of transcript AGAP002145-PA
JHU_Ag_14279	GIVITSLVPGGSAEFDGR	AGAP002145-PA	-	59	1.35E-05	2	1774.938	2.63	Head	2R:-:16414985-16415099,16414544-16414691	exon=> In CDS Exon 17 and 16 of transcript AGAP002145-PA
JHU_Ag_17081	GAAAGTSLTVGDEVLEVNGTVLHGR	AGAP002145-PA	-	89	1.16E-08	1	2423.261	3.29	Head	2R:-:16416585-16416731,16416379-16416447	exon=> In CDS Exon 10 and 9 of transcript AGAP002145-PA
JHU_Ag_20033	NLGLTFR	AGAP002145-PA	-	40	0.001030078	2	820.468	0.57	Head	2R:-:16415021-16415001	exon=> In CDS Exon 16 of transcript AGAP002145-PA
JHU_Ag_29285	APINDNDFTVIDIPTEGKPLGIIVAGGCDSLVK	AGAP002145-PA	C28(Carbamidomethyl)	128	7.86E-13	1	3438.799	4.86	Head	2R:-:16415522-16415424	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_35025	DSNETCGLSLCGHR	AGAP002145-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	116	1.06E-11	1	1605.678	2.44	Head	2R:-:16416672-16416631	exon=> In CDS Exon 9 of transcript AGAP002145-PA
JHU_Ag_36353	DSLLGCNYETAAGLLKK	AGAP002145-PA	C6(Carbamidomethyl)	89	1.51E-08	1	1852.953	3.24	Head	2R:-:16415780-16415730	exon=> In CDS Exon 14 of transcript AGAP002145-PA

JHU_Ag_39635	SSFGFSIVGGK	AGAP002145-PA	-	74	4.28E-07	1	1085.564	0.81	Head	2R:-:16417889-16417857	exon=> In CDS Exon 2 of transcript AGAP002145-PA
JHU_Ag_39703	SGAAVMDILPQSVVEKDNR	AGAP002145-PA	M6(Oxidation)	39	0.001872244	1	2045.037	1.64	Head	2R:-:16415333-16415277	exon=> In CDS Exon 15 of transcript AGAP002145-PA
JHU_Ag_41267	AEGVITLK	AGAP002145-PA	-	33	0.008567485	1	830.499	0.72	Head	2R:-:16415729-16415706	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_51045	EQTNPMVLQK	AGAP002145-PA	M6(Oxidation)	46	0.000451896	2	1203.604	-0.04	Head	2R:-:16417468-16417600,16417282-16417351	exon=> In CDS Exon 5 and 4 of transcript AGAP002145-PA
JHU_Ag_51544	IGEEDAEEEDDYGYTMKK	AGAP002145-PA	M16(Oxidation)	80	4.01E-08	1	2137.877	0.78	Head	2R:-:16416864-16416894,16416538-16416727	exon=> In CDS Exon 9 and 8 of transcript AGAP002145-PA
JHU_Ag_55690	DSLLGCNYETAAGLLK	AGAP002145-PA	C6(Carbamidomethyl)	139	1.92E-13	2	1724.855	1.29	Head	2R:-:16415780-16415733	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_55773	TANDRIVLVVQSLER	AGAP002145-PA	N3(Deamidated)	39	0.000808764	3	1713.953	1.87	Head	2R:-:16417522-16417478	exon=> In CDS Exon 4 of transcript AGAP002145-PA
JHU_Ag_57832	ANPPTTETVEVDLMK	AGAP002145-PA	M14(Oxidation)	71	1.08E-06	1	1644.818	1.77	Head	2R:-:16415078-16415034	exon=> In CDS Exon 16 of transcript AGAP002145-PA
JHU_Ag_58815	EVIDPLKAPINDNDFTVIDIPTEGKPLGIIVAGGCDSLVK	AGAP002145-PA	C35(Carbamidomethyl)	84	1.02E-08	1	4233.249	2.98	Head	2R:-:16415543-16415424	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_59339	KGTSSLGIMIIEGK	AGAP002145-PA	M9(Oxidation)	71	5.68E-07	2	1449.800	1.12	Head	2R:-:16416080-16416128,16415905-16415968	exon=> In CDS Exon 13 and 12 of transcript AGAP002145-PA
JHU_Ag_60786	YAGLGEVDVCTILR	AGAP002145-PA	C10(Carbamidomethyl)	82	8.72E-08	2	1565.805	3.41	Head	2R:-:16416714-16416673	exon=> In CDS Exon 9 of transcript AGAP002145-PA
JHU_Ag_63546	AGTPHGTKPEPSPTK	AGAP002145-PA	-	79	2.01E-07	1	1504.778	1.74	Head	2R:-:16415588-16415544	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_65422	MACLIAGINPK	AGAP002145-PA	C3(Carbamidomethyl)	51	0.000139964	1	1187.628	0.19	Head	2R:-:16416618-16416586	exon=> In CDS Exon 9 of transcript AGAP002145-PA
JHU_Ag_70697	GTSSLGIMIIEGK	AGAP002145-PA	M8(Oxidation)	85	3.06E-08	2	1305.714	4.36	Head	2R:-:16416006-16415968	exon=> In CDS Exon 13 of transcript AGAP002145-PA
JHU_Ag_73938	LQIFDQIVEINGFK	AGAP002145-PA	N11(Deamidated)	129	7.40E-13	1	1663.913	4.76	Head	2R:-:16415276-16415235	exon=> In CDS Exon 15 of transcript AGAP002145-PA
JHU_Ag_75969	IGDMLLAVNR	AGAP002145-PA	M4(Oxidation)	49	0.000167772	2	1117.605	1.06	Head	2R:-:16415810-16415781	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_78389	ILAVNENSLENASHEK	AGAP002145-PA	-	124	7.05E-12	1	1767.891	2.22	Head	2R:-:16417588-16417541	exon=> In CDS Exon 4 of transcript AGAP002145-PA
JHU_Ag_78608	SGAAVMDILPQSVVEK	AGAP002145-PA	M6(Oxidation)	100	1.42E-09	1	1659.866	2.39	Head	2R:-:16415333-16415286	exon=> In CDS Exon 15 of transcript AGAP002145-PA
JHU_Ag_79310	NLASPTLK	AGAP002145-PA	-	41	0.000894678	1	843.494	0.49	Head	2R:-:16416416-16416393	exon=> In CDS Exon 10 of transcript AGAP002145-PA
JHU_Ag_86675	ESDKPANGTAVPGTTPSK	AGAP002145-PA	N7(Deamidated)	89	1.56E-08	1	1757.858	1.66	Head	2R:-:16415681-16415628	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_88987	QLHPK	AGAP002145-PA	-	30	0.007489519	1	622.365	-3.46	Head	2R:-:16415189-16415175	exon=> In CDS Exon 15 of transcript AGAP002145-PA
JHU_Ag_90720	IGEEDAEEEDDYGYTMK	AGAP002145-PA	M16(Oxidation)	138	2.75E-14	1	1993.791	2.67	Head	2R:-:16416864-16416894,16416538-16416730	exon=> In CDS Exon 9 and 8 of transcript AGAP002145-PA
JHU_Ag_91273	AGVEIDR	AGAP002145-PA	-	47	0.000411417	2	759.400	0.95	Head	2R:-:16416993-16417058,16416816-16416886	exon=> In CDS Exon 8 and 7 of transcript AGAP002145-PA
JHU_Ag_93959	GTSSLGIMIIEGK	AGAP002145-PA	M8(Oxidation)	36	0.002782465	2	1321.714	8.43	Ovary	2R:-:16416006-16415968	exon=> In CDS Exon 13 of transcript AGAP002145-PA
JHU_Ag_98259	EKESDKPANGTAVPGTTPSK	AGAP002145-PA	-	44	0.000587125	1	2014.008	-0.34	Head	2R:-:16415687-16415628	exon=> In CDS Exon 14 of transcript AGAP002145-PA

JHU_Ag_100480	TSPDDMAVKPVK	AGAP002145-PA	M6(Oxidation)	74	6.49E-07	1	1303.657	0.74	Head	2R:-:16416298-16416263	exon=> In CDS Exon 11 of transcript AGAP002145-PA
JHU_Ag_102544	LEGWGPEK	AGAP002145-PA	-	40	0.000876368	1	915.459	2.31	Head	2R:-:16418973-16419006,16417857-16417917	exon=> In CDS Exon 2 and 1 of transcript AGAP002145-PA
JHU_Ag_107656	KQPVATPEDNK	AGAP002145-PA	-	69	1.48E-06	2	1226.633	-4.06	Head	2R:-:16417197-16417165	exon=> In CDS Exon 6 of transcript AGAP002145-PA
JHU_Ag_108741	TPEVEYIQDGKPK	AGAP002145-PA	-	99	1.86E-09	1	1503.770	0.78	Head	2R:-:16417320-16417282	exon=> In CDS Exon 5 of transcript AGAP002145-PA
JHU_Ag_109386	KKPEEMATLATSR	AGAP002145-PA	M6(Oxidation)	34	0.006947011	1	1477.759	-6.35	Head	2R:-:16415627-16415589	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_114968	KAEGVITLK	AGAP002145-PA	-	60	4.35E-06	1	958.593	-0.34	Head	2R:-:16415732-16415706	exon=> In CDS Exon 14 of transcript AGAP002145-PA
JHU_Ag_114988	IVLVVQSLER	AGAP002145-PA	-	72	8.28E-08	1	1155.716	5.81	Head	2R:-:16417507-16417478	exon=> In CDS Exon 4 of transcript AGAP002145-PA
JHU_Ag_117206	VNNTCTSEAIK	AGAP002145-PA	C5(Carbamidomethyl)	56	4.32E-05	2	1236.588	-0.6	Head	2R:-:16415234-16415202	exon=> In CDS Exon 15 of transcript AGAP002145-PA
JHU_Ag_11290	TIDEPIVNDLLGADAIVDNK	AGAP002149-PB	-	101	7.73E-10	2	2125.112	4.44	Head	2R:+:16455978-16456037	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_18314	VFDSDYGTDR	AGAP002149-PB	-	41	0.000261392	2	1174.503	1.97	Malpighian tubule	2R:+:16456245-16456269,16457325-16457329	exon=> In CDS Exon 2 and 3 of transcript AGAP002149-PB
JHU_Ag_24409	LIDQLDSFGIPEAIRR	AGAP002149-PB	-	38	0.000912389	1	1843.010	1.25	Malpighian tubule	2R:+:16456038-16456085	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_28180	AELNADELVPLK	AGAP002149-PB	-	59	1.36E-05	1	1311.718	2.21	Malpighian tubule	2R:+:16455942-16455977	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_34158	AELNADELVPLK	AGAP002149-PB	-	42	0.000535817	2	1311.721	4.54	Ovary	2R:+:16455942-16455977	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_34408	TIDEPIVNDLLGADAIVDNK	AGAP002149-PB	-	50	0.000112313	1	2125.111	4.21	Ovary	2R:+:16455978-16456037	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_44076	AELNADELVPLK	AGAP002149-PB	-	79	1.15E-07	2	1311.716	0.26	Male reproductive organs	2R:+:16455942-16455977	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_62075	LIDQLDSFGIPEAIR	AGAP002149-PB	-	36	0.002239452	2	1686.910	2.16	Malpighian tubule	2R:+:16456038-16456082	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_67176	AELNADELVPLK	AGAP002149-PB	-	69	1.13E-06	2	1311.718	2.02	Head	2R:+:16455942-16455977	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_86009	VNSEEQQQQQQHEQESQPAPEK	AGAP002149-PB	-	76	2.60E-07	1	2606.182	3.93	Head	2R:+:16457408-16457473	exon=> In CDS Exon 3 of transcript AGAP002149-PB
JHU_Ag_96757	LDAAEIVPALK	AGAP002149-PB	-	65	1.32E-06	1	1139.668	1	Malpighian tubule	2R:+:16455909-16455941	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_100956	SAASTLCVGPMDDMGFLSDGGLGPETDVDGVHDSK	AGAP002149-PB	C7(Carbamidomethyl), M11(Oxidation), M14(Oxidation),"C7(Carbamidomethyl), M14(Oxidation)","C7(Carbamidomethyl), M11(Oxidation)"	50	5.13E-05	3	3569.541	1.48	Head	2R:+:16455393-16455497	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_102405	TIDEPIVNDLLGADAIVDNK	AGAP002149-PB	-	122	6.45E-12	1	2125.102	-0.42	Malpighian tubule	2R:+:16455978-16456037	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_103120	LDAAEIVPALK	AGAP002149-PB	-	49	5.65E-05	2	1139.665	-1.57	Male reproductive organs	2R:+:16455909-16455941	exon=> In CDS Exon 2 of transcript AGAP002149-PB
JHU_Ag_16872	VQELPDDEEEKPQEPLVDAQEVAPVQAQYAHEEFDQLVKPEETYSAK	AGAP002149-PB,AGAP002149-PA	-	194	2.97E-19	1	5395.593	5.18	Ovary	2R:+:16459089-16459229;2R:+:16459089-16459229	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA

JHU_Ag_18562	TAAPKPTTGSAGAAPKPSSR	AGAP002149-PB,AGAP002149-PA	-	35	0.002384811	1	1852.987	-0.14	Male reproductive organs	2R:+:16460355-16460414;2R:+:16460355-16460414	exon=> In CDS Exon 5 of transcript AGAP002149-PB;exon=> In CDS Exon 2 of transcript AGAP002149-PA
JHU_Ag_28926	TSGSSSPFAGGESELAAYHK	AGAP002149-PB,AGAP002149-PA	-	34	0.004983221	1	1982.911	0.95	Head	2R:+:16459452-16459511;2R:+:16459452-16459511	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_33050	EFVPVTGSVGGGGAEINPK	AGAP002149-PB,AGAP002149-PA	-	99	1.67E-09	2	1814.931	1.33	Ovary	2R:+:16458642-16458698;2R:+:16458642-16458698	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_36575	SSLTNGTSATDGAATR	AGAP002149-PB,AGAP002149-PA	-	56	3.62E-05	2	1509.722	5.19	Ovary	2R:+:16460633-16460680;2R:+:16460633-16460680	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_38133	SSLTNGTSATDGAATR	AGAP002149-PB,AGAP002149-PA	N5(Deamidated)	66	3.50E-06	2	1509.720	3.89	Malpighian tubule	2R:+:16460633-16460680;2R:+:16460633-16460680	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_38778	GASSDISQSPEFK	AGAP002149-PB,AGAP002149-PA	-	76	4.00E-07	1	1352.633	0.32	Malpighian tubule	2R:+:16459377-16459415;2R:+:16459377-16459415	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_40540	KAEEPQVVEAEK	AGAP002149-PB,AGAP002149-PA	-	72	6.29E-07	2	1356.704	2.52	Malpighian tubule	2R:+:16459749-16459784;2R:+:16459749-16459784	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_42251	MHELREDAIVAQSPR	AGAP002149-PB,AGAP002149-PA	M1(Oxidation)	77	3.21E-07	1	1767.884	1.85	Malpighian tubule	2R:+:16458699-16458743;2R:+:16458699-16458743	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_44916	TSGSSSPFAGGESELAAYHK	AGAP002149-PB,AGAP002149-PA	-	39	0.001546332	1	1982.916	3.26	Ovary	2R:+:16459452-16459511;2R:+:16459452-16459511	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_45702	VQELPDDEEEKPQEPLVDAQEVAPVQAQYAHEEFDQLVKPEETYSAK	AGAP002149-PB,AGAP002149-PA	-	88	1.10E-08	1	5395.560	-1.1	Malpighian tubule	2R:+:16459089-16459229;2R:+:16459089-16459229	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_50976	MLQSSIEQQLGK	AGAP002149-PB,AGAP002149-PA	-	48	0.000295917	2	1361.708	-0.98	Head	2R:+:16459416-16459451;2R:+:16459416-16459451	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_52728	TAAPKPTTGSAGAAPKPSSR	AGAP002149-PB,AGAP002149-PA	-	41	0.000727723	1	1852.993	2.73	Ovary	2R:+:16460355-16460414;2R:+:16460355-16460414	exon=> In CDS Exon 5 of transcript AGAP002149-PB;exon=> In CDS Exon 2 of transcript AGAP002149-PA
JHU_Ag_54505	SSLTNGTSATDGAATR	AGAP002149-PB,AGAP002149-PA	N5(Deamidated)	97	2.53E-09	1	1510.696	-1.29	Male reproductive organs	2R:+:16460633-16460680;2R:+:16460633-16460680	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_59192	SSLTNGTSATDGAATR	AGAP002149-PB,AGAP002149-PA	-	75	5.22E-07	2	1509.715	0.74	Head	2R:+:16460633-16460680;2R:+:16460633-16460680	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_66569	EFVPVTGSVGGGGAEINPK	AGAP002149-PB,AGAP002149-PA	-	74	4.71E-07	2	1814.940	6.51	Salivary gland	2R:+:16458642-16458698;2R:+:16458642-16458698	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_73733	GASSDISQSPEFK	AGAP002149-PB,AGAP002149-PA	-	60	1.69E-05	2	1352.635	1.41	Salivary gland	2R:+:16459377-16459415;2R:+:16459377-16459415	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_76169	GASSDISQSPEFK	AGAP002149-PB,AGAP002149-PA	-	57	3.41E-05	2	1352.638	4.11	Ovary	2R:+:16459377-16459415;2R:+:16459377-16459415	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_80758	VEDYPADQVPR	AGAP002149-PB,AGAP002149-PA	-	51	0.000110648	2	1288.619	1.81	Malpighian tubule	2R:+:16459344-16459376;2R:+:16459344-16459376	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA

JHU_Ag_81397	GTATTAAAAPAAAK	AGAP002149-PB,AGAP002149-PA	-	77	3.04E-07	2	1172.627	-0.04	Male reproductive organs	2R:+:16461041-16461082;2R:+:16461041-16461082	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_86429	VQELPDDEEEKPQEPLVDAQEVAPVQAQYAHEEFDQLVKPEETYSAK	AGAP002149-PB,AGAP002149-PA	-	96	1.47E-09	1	5395.580	2.63	Head	2R:+:16459089-16459229;2R:+:16459089-16459229	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_86789	AATAGATSPSVR	AGAP002149-PB,AGAP002149-PA	-	48	0.000365 14	2	1088.572	2.23	Malpighian tubule	2R:+:16460906-16460941;2R:+:16460906-16460941	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_92345	GASSDISQSPEFK	AGAP002149-PB,AGAP002149-PA	-	56	3.61E-05	2	1352.634	1.05	Male reproductive organs	2R:+:16459377-16459415;2R:+:16459377-16459415	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_94479	EFVPVTGSVGGGGAEINPK	AGAP002149-PB,AGAP002149-PA	-	86	3.81E-08	2	1814.929	0.33	Male reproductive organs	2R:+:16458642-16458698;2R:+:16458642-16458698	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_95433	STTSAVSPAPGTKKPAPITRPK	AGAP002149-PB,AGAP002149-PA	-	52	1.13E-05	1	2192.245	2.19	Malpighian tubule	2R:+:16460975-16461040;2R:+:16460975-16461040	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_97578	KVQQNGVAAK	AGAP002149-PB,AGAP002149-PA	-	50	8.91E-05	2	1042.600	-0.73	Salivary gland	2R:+:16460942-16460971;2R:+:16460942-16460971	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_102638	EFVPVTGSVGGGGAEINPK	AGAP002149-PB,AGAP002149-PA	-	98	2.06E-09	2	1814.934	3.08	Head	2R:+:16458642-16458698;2R:+:16458642-16458698	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_103516	MLQSSIEQQLGK	AGAP002149-PB,AGAP002149-PA	M1(Oxidation)	72	9.35E-07	2	1377.708	2.81	Ovary	2R:+:16459416-16459451;2R:+:16459416-16459451	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_106778	KAEEPQVVEAEK	AGAP002149-PB,AGAP002149-PA	-	82	7.33E-08	1	1356.695	-3.87	Head	2R:+:16459749-16459784;2R:+:16459749-16459784	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_107943	APTSSSGPAAAR	AGAP002149-PB,AGAP002149-PA	-	71	8.65E-07	1	1072.540	2.08	Malpighian tubule	2R:+:16460055-16460090;2R:+:16460055-16460090	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_109325	GTATTAAAAPAAAK	AGAP002149-PB,AGAP002149-PA	-	55	4.87E-05	2	1172.629	1.62	Head	2R:+:16461041-16461082;2R:+:16461041-16461082	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_110728	KPAPITRPK	AGAP002149-PB,AGAP002149-PA	-	25	0.002410 405	1	1007.637	0.44	Head	2R:+:16461014-16461040;2R:+:16461014-16461040	exon=> In CDS Exon 6 of transcript AGAP002149-PB;exon=> In CDS Exon 3 of transcript AGAP002149-PA
JHU_Ag_111882	MLQSSIEQQLGK	AGAP002149-PB,AGAP002149-PA	M1(Oxidation)	95	4.73E-09	1	1377.706	1.22	Malpighian tubule	2R:+:16459416-16459451;2R:+:16459416-16459451	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_112008	EFVPVTGSVGGGGAEINPK	AGAP002149-PB,AGAP002149-PA	-	130	1.44E-12	1	1814.931	1.4	Malpighian tubule	2R:+:16458642-16458698;2R:+:16458642-16458698	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA
JHU_Ag_115176	TVTSRPSSAVSSASVPSK	AGAP002149-PB,AGAP002149-PA	-	54	5.46E-05	1	1747.921	1.26	Malpighian tubule	2R:+:16460445-16460498;2R:+:16460445-16460498	exon=> In CDS Exon 5 of transcript AGAP002149-PB;exon=> In CDS Exon 2 of transcript AGAP002149-PA
JHU_Ag_98896	KPLAK	AGAP002149-PB,AGAP002149-PA,AGAP003170-PA	-	26	0.003490 948	1	556.382	-0.38	Head	2R:+:16460040-16460054;2R:+:16460040-16460054;2R:-:33512250-33512236	exon=> In CDS Exon 4 of transcript AGAP002149-PB;exon=> In CDS Exon 1 of transcript AGAP002149-PA;exon=> In CDS Exon 4 of transcript AGAP003170-PA
JHU_Ag_6038	ISYNGPPIIK	AGAP002151-PA	-	63	6.37E-06	2	1101.630	-0.23	Ovary	2R:+:16504500-16504529	exon=> In CDS Exon 3 of transcript AGAP002151-PA

JHU_Ag_24815	IPMVALGYSHSMLLVNTEHEK	AGAP002151-PA	M3(Oxidation), M12(Oxidation)	58	2.04E-05	1	2401.188	-0.42	Ovary	2R:+:16505464-16505526	exon=> In CDS Exon 6 of transcript AGAP002151-PA
JHU_Ag_25398	FFDTQNR	AGAP002151-PA	-	37	0.001387787	1	927.433	1.24	Ovary	2R:+:16505043-16505063	exon=> In CDS Exon 5 of transcript AGAP002151-PA
JHU_Ag_29239	NQLSQLGHGDTVTCEKPTQVADLADFNVIQAACGR	AGAP002151-PA	C14(Carbamidomethyl), C33(Carbamidomethyl)	50	0.00010603	1	3813.849	5.34	Ovary	2R:+:16504284-16504388	exon=> In CDS Exon 3 of transcript AGAP002151-PA
JHU_Ag_31626	EGHVLPIENVNIIDFACGNNHTVAIDSK	AGAP002151-PA	C17(Carbamidomethyl)	64	4.85E-06	1	3076.531	5.07	Ovary	2R:+:16504716-16504781,16504860-16504877	exon=> In CDS Exon 3 and 4 of transcript AGAP002151-PA
JHU_Ag_41189	LPTITSPTR	AGAP002151-PA	-	45	0.000335299	2	985.574	5.91	Salivary gland	2R:+:16504473-16504499	exon=> In CDS Exon 3 of transcript AGAP002151-PA
JHU_Ag_50716	MSFHFETQPR	AGAP002151-PA	M1(Oxidation)	44	0.000466863	1	1295.584	-0.22	Ovary	2R:+:16504656-16504685	exon=> In CDS Exon 3 of transcript AGAP002151-PA
JHU_Ag_63266	LPEELLAVYDK	AGAP002151-PA	-	86	3.29E-08	1	1289.697	-1.06	Ovary	2R:+:16503779-16503811	exon=> In CDS Exon 1 of transcript AGAP002151-PA
JHU_Ag_86718	LPTITSPTR	AGAP002151-PA	-	60	1.19E-05	1	985.567	-0.9	Ovary	2R:+:16504473-16504499	exon=> In CDS Exon 3 of transcript AGAP002151-PA
JHU_Ag_93579	KVLVYMEK	AGAP002151-PA	M6(Oxidation)	41	0.000567312	2	1025.567	-3.01	Ovary	2R:+:16504686-16504709	exon=> In CDS Exon 3 of transcript AGAP002151-PA
JHU_Ag_93671	LPEELLAVYDKGPGK	AGAP002151-PA	-	111	5.35E-11	1	1628.890	0.39	Ovary	2R:+:16503779-16503823	exon=> In CDS Exon 1 of transcript AGAP002151-PA
JHU_Ag_96684	EVVVEELRPMEK	AGAP002151-PA	M10(Oxidation)	81	1.24E-07	1	1473.762	0.19	Ovary	2R:+:16503743-16503778	exon=> In CDS Exon 1 of transcript AGAP002151-PA
JHU_Ag_104012	EGHVLPIENVNIIDFACGNNHTVAIDSK	AGAP002151-PA	C17(Carbamidomethyl)	36	0.003482886	1	3076.526	3.32	Head	2R:+:16504716-16504781,16504860-16504877	exon=> In CDS Exon 3 and 4 of transcript AGAP002151-PA
JHU_Ag_107848	GNLHTFGLPEYGQLGHNTDGR	AGAP002151-PA	-	74	6.02E-07	1	2283.091	0.26	Ovary	2R:+:16504572-16504634	exon=> In CDS Exon 3 of transcript AGAP002151-PA
JHU_Ag_52888	TIELLVLEK	AGAP002154-PA	-	47	3.64E-05	2	1057.653	2.01	Salivary gland	2R:-:16547362-16547336	exon=> In CDS Exon 1 of transcript AGAP002154-PA
JHU_Ag_58193	HINDYSPQVGEYIVLNAEYYAPSIPAVR	AGAP002154-PA	-	35	0.002977225	1	3178.607	7.06	Salivary gland	2R:-:16547269-16547186	exon=> In CDS Exon 1 of transcript AGAP002154-PA
JHU_Ag_60590	AEYDFDDEAFDLVSDEAK	AGAP002154-PA	-	84	1.49E-08	2	2078.874	1.17	Head	2R:-:16543423-16543370	exon=> In CDS Exon 6 of transcript AGAP002154-PA
JHU_Ag_79969	DAGPYQLVIENESGR	AGAP002154-PA	-	38	0.002480484	1	1647.801	2.25	Salivary gland	2R:-:16547416-16547372	exon=> In CDS Exon 1 of transcript AGAP002154-PA
JHU_Ag_95517	FITDSNASTSNLPGR	AGAP002154-PA	-	75	5.74E-07	2	1579.771	-0.29	Head	2R:-:16544889-16544845	exon=> In CDS Exon 4 of transcript AGAP002154-PA
JHU_Ag_97926	IIDFGLAQR	AGAP002154-PA	-	50	9.54E-05	2	1032.587	3.03	Salivary gland	2R:-:16543642-16543616	exon=> In CDS Exon 6 of transcript AGAP002154-PA
JHU_Ag_110086	LLLTNIEPAQGGK	AGAP002154-PA	-	77	9.06E-08	2	1353.778	3.26	Salivary gland	2R:-:16544838-16544800	exon=> In CDS Exon 4 of transcript AGAP002154-PA
JHU_Ag_113991	FITDSNASTSNLPGR	AGAP002154-PA	-	78	2.85E-07	2	1579.774	1.79	Salivary gland	2R:-:16544889-16544845	exon=> In CDS Exon 4 of transcript AGAP002154-PA
JHU_Ag_16288	LANSDQLDTDGDGR	AGAP002157-PA	-	84	3.89E-08	2	1476.661	3.47	Larva	2R:-:16575789-16575748	exon=> In CDS Exon 14 of transcript AGAP002157-PA
JHU_Ag_44479	FRDACEDKPCAPGVHCSR	AGAP002157-PA	C5(Carbamidomethyl), C10(Carbamidomethyl), C16(Carbamidomethyl)	51	5.03E-05	1	2161.934	0.66	Pupa	2R:-:16578347-16578432,16577172-16577256	exon=> In CDS Exon 10 and 9 of transcript AGAP002157-PA
JHU_Ag_54046	MCLDGTICDQNAVCK	AGAP002157-PA	M1(Oxidation), C2(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	103	2.09E-10	2	1800.742	1.91	Larva	2R:-:16576684-16576640	exon=> In CDS Exon 11 of transcript AGAP002157-PA

JHU_Ag_56085	LINSATGPGEMLR	AGAP002157-PA	M11(Oxidation)	37	0.003368815	2	1374.703	-1.43	Head	2R:-:16575047-16575009	exon=> In CDS Exon 16 of transcript AGAP002157-PA
JHU_Ag_59738	VANFNQLDTDGDR	AGAP002157-PA	-	77	2.18E-07	2	1464.672	0.5	Pupa	2R:-:16576051-16576013	exon=> In CDS Exon 13 of transcript AGAP002157-PA
JHU_Ag_61168	VANFNQLDTDGDR	AGAP002157-PA	-	41	0.000860096	2	1464.675	2.5	Midgut	2R:-:16576051-16576013	exon=> In CDS Exon 13 of transcript AGAP002157-PA
JHU_Ag_81532	DGMGDACDPDIDNDGIR	AGAP002157-PA	M3(Oxidation), C7(Carbamidomethyl)	83	5.13E-09	1	1851.717	2.76	Head	2R:-:16576126-16576076	exon=> In CDS Exon 13 of transcript AGAP002157-PA
JHU_Ag_84399	VANFNQLDTDGDR	AGAP002157-PA	-	74	5.18E-07	2	1464.673	1.25	Head	2R:-:16576051-16576013	exon=> In CDS Exon 13 of transcript AGAP002157-PA
JHU_Ag_93867	FRDACEDKPCAPGVHCSR	AGAP002157-PA	C5(Carbamidomethyl), C10(Carbamidomethyl), C16(Carbamidomethyl)	55	2.38E-05	1	2161.936	1.66	Larva	2R:-:16578347-16578432,16577172-16577256	exon=> In CDS Exon 10 and 9 of transcript AGAP002157-PA
JHU_Ag_103944	DACEDKPCAPGVHCSR	AGAP002157-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	51	2.76E-05	1	1858.764	0.44	Pupa	2R:-:16578341-16578432,16577172-16577256	exon=> In CDS Exon 10 and 9 of transcript AGAP002157-PA
JHU_Ag_108774	VANFNQLDTDGDR	AGAP002157-PA	-	84	4.67E-08	2	1464.677	3.67	Larva	2R:-:16576051-16576013	exon=> In CDS Exon 13 of transcript AGAP002157-PA
JHU_Ag_112321	NIQTYWQATPFR	AGAP002157-PA	-	58	2.50E-05	2	1524.757	-1.59	Head	2R:-:16575113-16575078	exon=> In CDS Exon 16 of transcript AGAP002157-PA
JHU_Ag_1715	HEINYLR	AGAP002157-PB,AGAP002157-PA	-	37	0.002486216	1	944.498	3.04	Larva	2R:-:16578820-16578800;2R:-:16578820-16578800	exon=> In CDS Exon 7 of transcript AGAP002157-PB;exon=> In CDS Exon 7 of transcript AGAP002157-PA
JHU_Ag_29277	ENCQYSNPCFPGVQCYDTSTGMR	AGAP002157-PB,AGAP002157-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl), M22(Oxidation)	29	0.001052549	3	2787.099	3.01	Larva	2R:-:16578751-16578894,16578530-16578613;2R:-:16578751-16578894,16578530-16578613	exon=> In CDS Exon 8 and 7 of transcript AGAP002157-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP002157-PA
JHU_Ag_60784	GDIPIIHGDCDENILK	AGAP002157-PB,AGAP002157-PA	C10(Carbamidomethyl)	47	0.000299777	1	1808.896	5.94	Larva	2R:-:16579003-16579107,16578718-16578881;2R:-:16579003-16579107,16578718-16578881	exon=> In CDS Exon 7 and 6 of transcript AGAP002157-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP002157-PA
JHU_Ag_68723	GLIENCAGCQQAQPLR	AGAP002157-PB,AGAP002157-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	53	7.19E-05	2	1814.872	4.57	Visceras	2R:-:16578799-16578752;2R:-:16578799-16578752	exon=> In CDS Exon 7 of transcript AGAP002157-PB;exon=> In CDS Exon 7 of transcript AGAP002157-PA
JHU_Ag_88577	GDIPIIHGDCDENILK	AGAP002157-PB,AGAP002157-PA	C10(Carbamidomethyl)	64	6.36E-06	1	1808.889	2.56	Head	2R:-:16579003-16579107,16578718-16578881;2R:-:16579003-16579107,16578718-16578881	exon=> In CDS Exon 7 and 6 of transcript AGAP002157-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP002157-PA
JHU_Ag_99320	EAFHTDFSANR	AGAP002157-PB,AGAP002157-PA	-	47	0.000206704	1	1294.576	-3.99	Head	2R:-:16579036-16579004;2R:-:16579036-16579004	exon=> In CDS Exon 6 of transcript AGAP002157-PB;exon=> In CDS Exon 6 of transcript AGAP002157-PA
JHU_Ag_107250	GLIENCAGCQQAQPLR	AGAP002157-PB,AGAP002157-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	131	1.11E-12	1	1814.873	5.31	Larva	2R:-:16578799-16578752;2R:-:16578799-16578752	exon=> In CDS Exon 7 of transcript AGAP002157-PB;exon=> In CDS Exon 7 of transcript AGAP002157-PA

JHU_Ag_7923	HGLGLEVR	AGAP002159-PA	-	45	0.000164609	2	880.497	-3.24	Head	2R:+:16600074-16600097	exon=> In CDS Exon 2 of transcript AGAP002159-PA
JHU_Ag_96365	ELAPDFNPSLLER	AGAP002159-PA	-	44	0.000688376	1	1500.771	0.8	Visceras	2R:+:16601447-16601485	exon=> In CDS Exon 6 of transcript AGAP002159-PA
JHU_Ag_109353	LRVNPLLYLVSPQVR	AGAP002159-PA	-	23	0.003855327	2	1767.073	4.97	Head	2R:+:16606180-16606224	exon=> In CDS Exon 8 of transcript AGAP002159-PA
JHU_Ag_111747	VNPLLYLVSPQVR	AGAP002159-PA	-	45	9.73E-05	2	1497.885	4.32	Head	2R:+:16606186-16606224	exon=> In CDS Exon 8 of transcript AGAP002159-PA
JHU_Ag_117069	LRVNPLLYLVSPQVR	AGAP002159-PA	-	57	1.52E-06	2	1767.072	4.55	Visceras	2R:+:16606180-16606224	exon=> In CDS Exon 8 of transcript AGAP002159-PA
JHU_Ag_8342	SLLSGLLVK	AGAP002161-PB	-	32	0.000744578	2	929.606	3.58	Malpighian tubule	2R:+:16634606-16634632	exon=> In CDS Exon 4 of transcript AGAP002161-PB
JHU_Ag_16824	SDGTLEGYK	AGAP002161-PB	-	36	0.00182233	2	969.452	-0.9	Head	2R:+:16630145-16630171	exon=> In CDS Exon 1 of transcript AGAP002161-PB
JHU_Ag_85066	VTLENFEFLK	AGAP002161-PB	-	55	3.41E-05	2	1239.660	-1.27	Ovary	2R:+:16630526-16630528,16630602-16630628	exon=> In CDS Exon 1 and 2 of transcript AGAP002161-PB
JHU_Ag_100929	SLLSGLLVKNPK	AGAP002161-PB	-	94	4.17E-10	1	1268.799	4.55	Malpighian tubule	2R:+:16634606-16634641	exon=> In CDS Exon 4 of transcript AGAP002161-PB
JHU_Ag_102148	TVQNAPAIAISTPAAASIK	AGAP002161-PB	-	78	4.91E-08	2	1824.030	3.88	Malpighian tubule	2R:+:16629875-16629931	exon=> In CDS Exon 1 of transcript AGAP002161-PB
JHU_Ag_113577	TVQNAPAIAISTPAAASIK	AGAP002161-PB	-	69	3.88E-07	1	1824.035	7.03	Head	2R:+:16629875-16629931	exon=> In CDS Exon 1 of transcript AGAP002161-PB
JHU_Ag_78419	LTIEVQTSSNAVIEQSNK	AGAP002162-PA	Q6(Deamidated), N10(Deamidated)	36	0.003437861	1	1963.010	11.68	Head	2R:-:16640207-16640154	exon=> In CDS Exon 2 of transcript AGAP002162-PA
JHU_Ag_20238	AQVVQNVTESNLVLVK	AGAP002166-PA	-	95	1.33E-09	2	1740.987	0.78	Ovary	2R:-:16814335-16814288	exon=> In CDS Exon 2 of transcript AGAP002166-PA
JHU_Ag_51981	VPDENGNANSATPVSPR	AGAP002166-PA	-	62	8.62E-06	2	1724.823	1.68	Ovary	2R:-:16815290-16815240	exon=> In CDS Exon 1 of transcript AGAP002166-PA
JHU_Ag_111607	FPGLTLQR	AGAP002166-PA	-	32	0.006123504	1	931.541	5.81	Malpighian tubule	2R:-:16814780-16814757	exon=> In CDS Exon 1 of transcript AGAP002166-PA
JHU_Ag_7029	EVCIVPEQPLSLNLER	AGAP002167-PA	C3(Carbamidomethyl)	36	0.002965761	1	1895.994	2.54	Head	2R:+:16824256-16824303	exon=> In CDS Exon 2 of transcript AGAP002167-PA
JHU_Ag_55462	IVEKHENDQANINQSTSAADIAAN	AGAP002167-PA	-	118	2.62E-11	1	2553.222	1.58	Malpighian tubule	2R:+:16825006-16825008,16825100-16825168	exon=> In CDS Exon 4 and 5 of transcript AGAP002167-PA
JHU_Ag_95803	EVCIVPEQPLSLNLER	AGAP002167-PA	C3(Carbamidomethyl)	47	0.000240666	2	1896.001	5.89	Malpighian tubule	2R:+:16824256-16824303	exon=> In CDS Exon 2 of transcript AGAP002167-PA
JHU_Ag_4599	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	67	1.67E-06	1	1237.673	0.64	Salivary gland	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_5681	GPGFGLQAGL	AGAP002170-PA	-	50	0.000185579	2	916.487	-1.53	Male reproductive organs	2R:-:16833708-16833679	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_6279	RAEAILNIYPEGHK	AGAP002170-PA	-	52	6.68E-05	1	1610.867	1.02	Visceras	2R:-:16834378-16834337	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_12652	QHGWLPLSAMHK	AGAP002170-PA	M10(Oxidation)	37	0.004109998	1	1420.716	0.1	Visceras	2R:-:16834297-16834262	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_13450	YASEPVGQLTSLTEEPKGPGFGLQAGL	AGAP002170-PA	-	55	3.43E-05	2	2746.401	2.78	Visceras	2R:-:16833759-16833679	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_13727	AEAILNIYPEGHKR	AGAP002170-PA	-	85	3.90E-08	1	1610.862	-1.63	Head	2R:-:16834375-16834334	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_14284	VYEVATFYTMFMR	AGAP002170-PA	M10(Oxidation), M12(Oxidation)	86	3.10E-08	2	1689.769	2.09	Salivary gland	2R:-:16834228-16834190	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_16471	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	49	8.35E-05	1	1221.682	3.65	Malpighian tubule	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_16987	AEAILNIYPEGHKR	AGAP002170-PA	-	85	2.95E-08	1	1610.867	1.4	Male reproductive organs	2R:-:16834375-16834334	exon=> In CDS Exon 3 of transcript AGAP002170-PA

JHU_Ag_18414	GSDEVLDVCKK	AGAP002170-PA	C9(Carbamidomethyl)	84	6.51E-08	1	1249.607	-2.18	Head	2R:-:16834132-16834378,16833909-16834026	exon=> In CDS Exon 4 and 3 of transcript AGAP002170-PA
JHU_Ag_19130	YHIQVCTTTPCWLR	AGAP002170-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	69	2.05E-06	1	1834.874	0.44	Visceras	2R:-:16834174-16834133	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_19648	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	57	1.64E-05	1	1237.674	1.08	Ovary	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_21480	AEAILNIYPEGHK	AGAP002170-PA	-	60	1.06E-05	1	1454.767	2.17	Malpighian tubule	2R:-:16834375-16834337	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_22441	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	140	1.66E-13	1	1848.918	-2.75	Midgut	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_26898	GSDEVLDVCKK	AGAP002170-PA	C9(Carbamidomethyl)	64	7.04E-06	1	1249.609	-0.52	Male reproductive organs	2R:-:16834132-16834378,16833909-16834026	exon=> In CDS Exon 4 and 3 of transcript AGAP002170-PA
JHU_Ag_28860	YASEPVGQLTSLTEEPKGPGFGLQAGL	AGAP002170-PA	-	69	1.33E-06	2	2746.402	3.05	Head	2R:-:16833759-16833679	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_28979	GSDEVLDVCK	AGAP002170-PA	C9(Carbamidomethyl)	67	2.45E-06	2	1121.515	0.61	Visceras	2R:-:16834132-16834103	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_30338	AEAILNIYPEGHK	AGAP002170-PA	-	52	7.03E-05	2	1454.761	-1.94	Midgut	2R:-:16834375-16834337	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_31179	GSDEVLDVCK	AGAP002170-PA	C9(Carbamidomethyl)	65	3.86E-06	2	1121.514	-0.69	Salivary gland	2R:-:16834132-16834103	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_32890	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	87	1.73E-08	1	1313.727	1.94	Pupa	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_33250	AEAILNIYPEGHKR	AGAP002170-PA	-	61	7.60E-06	1	1610.864	-0.51	Midgut	2R:-:16834375-16834334	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_36945	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	64	3.72E-06	1	1237.671	-0.94	Midgut	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_38433	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	124	6.21E-12	1	1848.925	1.47	Ovary	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_39029	DTPEDNASIPFEFTADNQK	AGAP002170-PA	-	110	1.05E-10	1	2138.960	3.81	Malpighian tubule	2R:-:16834519-16834463	exon=> In CDS Exon 2 of transcript AGAP002170-PA
JHU_Ag_40037	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	64	3.84E-06	1	1313.725	-0.1	Salivary gland	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_40195	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	45	0.000563364	2	1848.925	1.21	Male reproductive organs	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_42763	NLGIGVGETTK	AGAP002170-PA	-	70	1.55E-06	1	1088.595	0.72	Midgut	2R:-:16834025-16833993	exon=> In CDS Exon 4 of transcript AGAP002170-PA
JHU_Ag_43143	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	120	1.52E-11	1	1848.927	2.2	Malpighian tubule	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_44523	VYEVATFYTMFMR	AGAP002170-PA	M10(Oxidation), M12(Oxidation),M12(Oxidation)	75	3.86E-07	1	1673.777	3.74	Visceras	2R:-:16834228-16834190	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_45085	AEAILNIYPEGHK	AGAP002170-PA	-	81	9.25E-08	1	1454.764	-0.13	Visceras	2R:-:16834375-16834337	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_46633	GPGFGLQAGL	AGAP002170-PA	-	61	1.23E-05	1	916.490	1.2	Ovary	2R:-:16833708-16833679	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_47845	DTPEDNASIPFEFTADNQKR	AGAP002170-PA	-	59	1.48E-05	1	2295.055	0.89	Salivary gland	2R:-:16834519-16834588,16834103-16834376	exon=> In CDS Exon 3 and 2 of transcript AGAP002170-PA
JHU_Ag_48161	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	57	1.38E-05	3	1221.678	0.2	Pupa	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_52946	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	87	1.73E-08	1	1313.727	2.13	Head	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_53997	YHIQVCTTTPCWLR	AGAP002170-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	74	6.64E-07	1	1834.882	4.77	Pupa	2R:-:16834174-16834133	exon=> In CDS Exon 3 of transcript AGAP002170-PA

JHU_Ag_55956	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	125	4.69E-12	1	1848.926	2.06	Salivary gland	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_59119	VADILGLPHMR	AGAP002170-PA	-	49	8.01E-05	3	1221.679	1.77	Visceras	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_61395	GSDEVLDVCKK	AGAP002170-PA	C9(Carbamidomethyl)	49	0.000198971	1	1249.609	-0.19	Malpighian tubule	2R:-:16834132-16834378,16833909-16834026	exon=> In CDS Exon 4 and 3 of transcript AGAP002170-PA
JHU_Ag_62195	YHIQVCTTTPCWLR	AGAP002170-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	85	5.17E-08	1	1834.874	0.44	Malpighian tubule	2R:-:16834174-16834133	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_62830	GSDEVLDVCKK	AGAP002170-PA	C9(Carbamidomethyl)	77	3.16E-07	1	1249.609	-0.43	Salivary gland	2R:-:16834132-16834378,16833909-16834026	exon=> In CDS Exon 4 and 3 of transcript AGAP002170-PA
JHU_Ag_63934	DTPEDNASIPFEFTADNQK	AGAP002170-PA	-	128	1.43E-12	1	2138.951	0.04	Visceras	2R:-:16834519-16834463	exon=> In CDS Exon 2 of transcript AGAP002170-PA
JHU_Ag_64506	GPGFGLQAGL	AGAP002170-PA	-	61	1.18E-05	1	916.489	0.07	Visceras	2R:-:16833708-16833679	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_65160	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	61	8.07E-06	2	1313.725	-0.1	Ovary	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_66073	NLGIGVGETTK	AGAP002170-PA	-	67	3.22E-06	1	1088.594	-0.29	Visceras	2R:-:16834025-16833993	exon=> In CDS Exon 4 of transcript AGAP002170-PA
JHU_Ag_66716	RAEAILNIYPEGHK	AGAP002170-PA	-	85	2.91E-08	1	1610.867	1.17	Head	2R:-:16834378-16834337	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_68296	AEAILNIYPEGHKR	AGAP002170-PA	-	76	2.66E-07	1	1610.866	0.64	Visceras	2R:-:16834375-16834334	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_70310	DTPEDNASIPFEFTADNQK	AGAP002170-PA	Q18(Deamidated),N17(Deamidated),N6(Deamidated)	113	4.85E-11	1	2138.956	2.21	Head	2R:-:16834519-16834463	exon=> In CDS Exon 2 of transcript AGAP002170-PA
JHU_Ag_73433	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	142	1.18E-13	1	1848.926	1.67	Visceras	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_74570	NLGIGVGETTK	AGAP002170-PA	-	72	1.10E-06	1	1088.593	-1.97	Head	2R:-:16834025-16833993	exon=> In CDS Exon 4 of transcript AGAP002170-PA
JHU_Ag_77581	AEAILNIYPEGHKR	AGAP002170-PA	-	79	1.04E-07	1	1610.869	2.53	Malpighian tubule	2R:-:16834375-16834334	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_78494	AEAILNIYPEGHK	AGAP002170-PA	-	56	3.15E-05	1	1454.764	0.07	Salivary gland	2R:-:16834375-16834337	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_81742	DTPEDNASIPFEFTADNQKR	AGAP002170-PA	-	97	2.35E-09	1	2295.056	1.72	Visceras	2R:-:16834519-16834588,16834103-16834376	exon=> In CDS Exon 3 and 2 of transcript AGAP002170-PA
JHU_Ag_83286	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	39	0.001015835	1	1237.673	0.45	Male reproductive organs	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_83402	DTPEDNASIPFEFTADNQKR	AGAP002170-PA	-	67	2.54E-06	1	2295.055	1.21	Head	2R:-:16834519-16834588,16834103-16834376	exon=> In CDS Exon 3 and 2 of transcript AGAP002170-PA
JHU_Ag_83991	DTPEDNASIPFEFTADNQKR	AGAP002170-PA	-	73	6.93E-07	1	2295.052	-0.23	Midgut	2R:-:16834519-16834588,16834103-16834376	exon=> In CDS Exon 3 and 2 of transcript AGAP002170-PA
JHU_Ag_84234	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	98	1.34E-09	1	1313.726	1.2	Visceras	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_86423	GSDEVLDVCKK	AGAP002170-PA	C9(Carbamidomethyl)	81	1.36E-07	1	1249.609	-0.52	Visceras	2R:-:16834132-16834378,16833909-16834026	exon=> In CDS Exon 4 and 3 of transcript AGAP002170-PA
JHU_Ag_87306	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	50	8.35E-05	2	1313.730	3.71	Larva	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_87796	DTPEDNASIPFEFTADNQK	AGAP002170-PA	-	60	1.17E-05	2	2138.954	1.29	Pupa	2R:-:16834519-16834463	exon=> In CDS Exon 2 of transcript AGAP002170-PA

JHU_Ag_88261	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	91	7.41E-09	1	1313.725	0.09	Midgut	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_89468	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	79	7.52E-08	1	1297.734	2.94	Malpighian tubule	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_90507	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	137	3.27E-13	1	1848.925	1.34	Pupa	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_92974	VYEVATFYTMFMR	AGAP002170-PA	M10(Oxidation), M12(Oxidation)	99	1.52E-09	2	1689.764	-0.51	Midgut	2R:-:16834228-16834190	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_94718	GAMIPLLDLAQR	AGAP002170-PA	M3(Oxidation)	78	1.47E-07	1	1313.725	0.27	Male reproductive organs	2R:-:16834333-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_100488	YHIQVCTTTPCWLR	AGAP002170-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	83	7.83E-08	1	1834.876	1.71	Head	2R:-:16834174-16834133	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_101110	RAEAILNIYPEGHK	AGAP002170-PA	-	65	2.66E-06	1	1610.869	2.38	Ovary	2R:-:16834378-16834337	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_104741	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	59	1.23E-05	1	1237.675	2.42	Head	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_105241	RGAMIPLLDLAQR	AGAP002170-PA	M4(Oxidation), Q12(Deamidated),M4(Oxidation)	64	3.12E-06	1	1469.826	-0.09	Head	2R:-:16834336-16834298	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_106216	DTPEDNASIPFEFTADNQK	AGAP002170-PA	-	81	7.41E-08	1	2138.952	0.5	Salivary gland	2R:-:16834519-16834463	exon=> In CDS Exon 2 of transcript AGAP002170-PA
JHU_Ag_108753	DTPEDNASIPFEFTADNQKR	AGAP002170-PA	-	59	1.49E-05	1	2295.052	-0.15	Pupa	2R:-:16834519-16834588,16834103-16834376	exon=> In CDS Exon 3 and 2 of transcript AGAP002170-PA
JHU_Ag_112603	VADILGLPHMR	AGAP002170-PA	M10(Oxidation)	71	7.44E-07	1	1237.675	2.02	Larva	2R:-:16834261-16834229	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_113137	AEAILNIYPEGHKR	AGAP002170-PA	-	65	3.29E-06	1	1610.866	0.57	Pupa	2R:-:16834375-16834334	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_113502	GPGFGLQAGL	AGAP002170-PA	-	35	0.005546207	1	916.491	2.15	Head	2R:-:16833708-16833679	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_113821	AEAILNIYPEGHKR	AGAP002170-PA	-	49	0.000110909	1	1610.873	5.11	Larva	2R:-:16834375-16834334	exon=> In CDS Exon 3 of transcript AGAP002170-PA
JHU_Ag_115312	DTPEDNASIPFEFTADNQK	AGAP002170-PA	-	102	6.75E-10	2	2138.945	-3.04	Midgut	2R:-:16834519-16834463	exon=> In CDS Exon 2 of transcript AGAP002170-PA
JHU_Ag_115671	YASEPVGQLTSLTEEPK	AGAP002170-PA	-	146	4.58E-14	1	1848.921	-1.04	Head	2R:-:16833759-16833709	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_116101	YASEPVGQLTSLTEEPKGPGFGLQAGL	AGAP002170-PA	-	53	5.58E-05	2	2746.415	7.85	Malpighian tubule	2R:-:16833759-16833679	exon=> In CDS Exon 5 of transcript AGAP002170-PA
JHU_Ag_116243	GSDEVLDVCKK	AGAP002170-PA	C9(Carbamidomethyl)	69	2.28E-06	1	1249.606	-2.97	Midgut	2R:-:16834132-16834378,16833909-16834026	exon=> In CDS Exon 4 and 3 of transcript AGAP002170-PA
JHU_Ag_1354	YGLIFHAGMVGSASIK	AGAP002171-PA	M9(Oxidation)	79	1.89E-07	2	1666.864	0.96	Ovary	2R:+:16836925-16836972	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_5079	THLADYLK	AGAP002171-PA	-	62	9.47E-06	1	960.515	0.07	Salivary gland	2R:+:16836650-16836673	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_6253	TQSESLLSGLPK	AGAP002171-PA	-	64	5.37E-06	2	1259.684	-0.45	Male reproductive organs	2R:+:16836057-16836092	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_6604	MMAMAPNLTVLVGEQVGAR	AGAP002171-PA	M1(Oxidation), M2(Oxidation), M4(Oxidation)	100	1.74E-09	2	2035.998	0.31	Ovary	2R:+:16836680-16836736	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_9195	VREWYGWHFPELGK	AGAP002171-PA	-	67	3.22E-06	1	1803.900	2.04	Ovary	2R:+:16836243-16836253,16836320-16836350	exon=> In CDS Exon 3 and 4 of transcript AGAP002171-PA
JHU_Ag_11058	MLEEGNNKR	AGAP002171-PA	-	35	0.005203547	1	1090.531	0.24	Ovary	2R:+:16837102-16837128	exon=> In CDS Exon 6 of transcript AGAP002171-PA

JHU_Ag_14535	MFVLYETPAGYAIFK	AGAP002171-PA	M1(Oxidation)	99	1.58E-09	1	1749.898	3.43	Ovary	2R:+:16835257-16835301	exon=> In CDS Exon 1 of transcript AGAP002171-PA
JHU_Ag_19610	MFVLYETPAGYAIFK	AGAP002171-PA	M1(Oxidation)	41	0.001325791	1	1765.896	4.83	Male reproductive organs	2R:+:16835257-16835301	exon=> In CDS Exon 1 of transcript AGAP002171-PA
JHU_Ag_19786	THLADYLK	AGAP002171-PA	-	57	3.01E-05	1	960.516	1.61	Ovary	2R:+:16836650-16836673	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_20003	VATDSTLPSTSSKK	AGAP002171-PA	-	70	1.33E-06	1	1421.751	1.76	Ovary	2R:+:16837198-16837239	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_25374	FADTTEALSAATAAVEGK	AGAP002171-PA	-	113	7.90E-11	1	1752.865	-0.05	Salivary gland	2R:+:16835841-16835894	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_27665	TQSESLLSGLPK	AGAP002171-PA	-	72	9.78E-07	1	1259.682	-1.42	Salivary gland	2R:+:16836057-16836092	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_28022	LVVDDVQNELLVADAK	AGAP002171-PA	-	88	1.38E-08	2	1740.942	2.11	Malpighian tubule	2R:+:16835928-16835975	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_28726	LVGMRENMADTDLSDILMEEVEQK	AGAP002171-PA	M4(Oxidation), M8(Oxidation), M18(Oxidation)	74	4.95E-07	3	2814.291	2.34	Ovary	2R:+:16836390-16836461	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_34315	ENMADTDLSDILMEEVEQKVK	AGAP002171-PA	M13(Oxidation)	57	2.98E-05	1	2453.149	2.75	Malpighian tubule	2R:+:16836405-16836467	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_34418	ILTDNIAYVK	AGAP002171-PA	-	56	1.55E-05	2	1149.652	0.83	Salivary gland	2R:+:16836351-16836380	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_35236	EWYGWHFPELGK	AGAP002171-PA	-	61	1.21E-05	1	1548.732	3.08	Midgut	2R:+:16836249-16836253,16836320-16836350	exon=> In CDS Exon 3 and 4 of transcript AGAP002171-PA
JHU_Ag_35551	LKAEDEAANAPSPK	AGAP002171-PA	-	48	0.000217057	2	1440.737	3.12	Malpighian tubule	2R:+:16837240-16837281	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_38510	EWYGWHFPELGK	AGAP002171-PA	-	74	5.79E-07	1	1548.735	4.82	Ovary	2R:+:16836249-16836253,16836320-16836350	exon=> In CDS Exon 3 and 4 of transcript AGAP002171-PA
JHU_Ag_39681	FADTTEALSAATAAVEGK	AGAP002171-PA	-	133	8.30E-13	2	1752.873	4.4	Ovary	2R:+:16835841-16835894	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_40639	LVVDDVQNELLVADAK	AGAP002171-PA	-	118	1.04E-11	2	1740.946	4.49	Salivary gland	2R:+:16835928-16835975	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_40660	IEEIEPEMGEPSTEK	AGAP002171-PA	M8(Oxidation)	66	3.49E-06	2	1733.782	1.72	Ovary	2R:+:16837291-16837296,16837388-16837426	exon=> In CDS Exon 6 and 7 of transcript AGAP002171-PA
JHU_Ag_44785	MSLQCVANTSVQELMR	AGAP002171-PA	C5(Carbamidomethyl)	45	0.000459907	2	1866.896	4.7	Ovary	2R:+:16836000-16836047	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_45573	LVVDDVQNELLVADAK	AGAP002171-PA	-	93	4.19E-09	1	1740.941	2.04	Head	2R:+:16835928-16835975	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_45764	VATDSTLPSTSSK	AGAP002171-PA	-	84	5.84E-08	2	1293.655	1.09	Salivary gland	2R:+:16837198-16837236	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_46447	ENMADTDLSDILMEEVEQK	AGAP002171-PA	M3(Oxidation), M13(Oxidation)	97	1.18E-09	2	2241.977	1.44	Ovary	2R:+:16836405-16836461	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_46525	TQSESLLSGLPKK	AGAP002171-PA	-	37	0.00140056	2	1387.780	0.91	Ovary	2R:+:16836057-16836095	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_48562	KEMTAMSLGLAHSLSR	AGAP002171-PA	M3(Oxidation), M6(Oxidation)	76	4.03E-07	1	1763.882	2.11	Ovary	2R:+:16836093-16836140	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_48805	THLADYLK	AGAP002171-PA	-	37	0.004169026	1	960.511	-4.31	Head	2R:+:16836650-16836673	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_49240	ENMADTDLSDILMEEVEQK	AGAP002171-PA	M3(Oxidation), M13(Oxidation)	109	8.21E-11	1	2241.977	1.44	Midgut	2R:+:16836405-16836461	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_51492	EWYGWHFPELGK	AGAP002171-PA	-	57	3.23E-05	1	1548.728	0.48	Malpighian tubule	2R:+:16836249-16836253,16836320-16836350	exon=> In CDS Exon 3 and 4 of transcript AGAP002171-PA

JHU_Ag_51530	FADTTEALSAATAAVEGK	AGAP002171-PA	-	111	1.43E-10	2	1752.866	0.57	Male reproductive organs	2R:+:16835841-16835894	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_53377	LVGMRENMADTDLSDILMEEVEQK	AGAP002171-PA	M4(Oxidation), M8(Oxidation), M18(Oxidation)	53	5.21E-05	1	2814.290	1.88	Malpighian tubule	2R:+:16836390-16836461	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_54031	LKAEDEAANAPSPK	AGAP002171-PA	-	111	1.10E-10	1	1440.734	0.41	Ovary	2R:+:16837240-16837281	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_54792	EIDNLYLEFETPEK	AGAP002171-PA	-	111	1.39E-10	2	1739.841	2.01	Malpighian tubule	2R:+:16835472-16835513	exon=> In CDS Exon 2 of transcript AGAP002171-PA
JHU_Ag_56268	VATDSTLPSTSSK	AGAP002171-PA	-	93	7.40E-09	2	1293.654	0.24	Ovary	2R:+:16837198-16837236	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_56532	ENMADTDLSDILMEEVEQK	AGAP002171-PA	M3(Oxidation)	47	0.000166595	1	2225.985	2.7	Malpighian tubule	2R:+:16836405-16836461	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_57481	EIDNLYLEFETPEK	AGAP002171-PA	-	61	1.33E-05	1	1739.840	1.31	Salivary gland	2R:+:16835472-16835513	exon=> In CDS Exon 2 of transcript AGAP002171-PA
JHU_Ag_62269	IDTMIVQAQCLLDDLDKELNNYMMR	AGAP002171-PA	M4(Oxidation), C10(Carbamidomethyl), M23(Oxidation), M24(Oxidation)	141	1.11E-13	1	3090.445	6.5	Ovary	2R:+:16836168-16836242	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_65055	FADTTEALSAATAAVEGK	AGAP002171-PA	-	48	0.000268558	2	1752.873	4.4	Larva	2R:+:16835841-16835894	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_65400	LVVDDVQNELLVADAK	AGAP002171-PA	-	133	3.61E-13	1	1740.940	1.34	Ovary	2R:+:16835928-16835975	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_69315	LIAHSGSLVNLAK	AGAP002171-PA	-	53	8.38E-06	1	1322.779	-0.2	Midgut	2R:+:16836737-16836775	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_73951	HPASTLQILGAEK	AGAP002171-PA	-	36	0.002132043	2	1364.755	1.01	Pupa	2R:+:16836776-16836803,16836872-16836882	exon=> In CDS Exon 5 and 6 of transcript AGAP002171-PA
JHU_Ag_76053	FHAVSEVK	AGAP002171-PA	-	58	2.52E-05	1	916.489	0.64	Ovary	2R:+:16837165-16837188	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_80396	THLADYLK	AGAP002171-PA	-	40	0.001706197	2	960.518	2.87	Midgut	2R:+:16836650-16836673	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_80639	VDAFGDDVTMQLGIDHR	AGAP002171-PA	M10(Oxidation)	34	0.005562497	1	1904.882	0.65	Midgut	2R:+:16837027-16837077	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_81570	EIDNLYLEFETPEK	AGAP002171-PA	-	96	4.20E-09	2	1739.846	4.82	Ovary	2R:+:16835472-16835513	exon=> In CDS Exon 2 of transcript AGAP002171-PA
JHU_Ag_84850	HPASTLQILGAEK	AGAP002171-PA	-	46	0.000193677	2	1364.756	1.91	Malpighian tubule	2R:+:16836776-16836803,16836872-16836882	exon=> In CDS Exon 5 and 6 of transcript AGAP002171-PA
JHU_Ag_86462	VDAFGDDVTMQLGIDHR	AGAP002171-PA	M10(Oxidation)	121	9.24E-12	1	1904.884	1.53	Ovary	2R:+:16837027-16837077	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_86599	LGNAIKDK	AGAP002171-PA	-	35	0.005892522	1	858.506	1.55	Ovary	2R:+:16835976-16835999	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_88000	TQSESLLSGLPK	AGAP002171-PA	-	38	0.002071186	2	1259.683	-1.13	Head	2R:+:16836057-16836092	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_88529	ILTDNIAYVK	AGAP002171-PA	-	49	6.58E-05	1	1149.656	3.97	Midgut	2R:+:16836351-16836380	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_88565	KEMTAMSLGLAHSLSR	AGAP002171-PA	M3(Oxidation), M6(Oxidation)	58	2.67E-05	1	1763.877	-0.48	Salivary gland	2R:+:16836093-16836140	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_89109	VDAFGDDVTMQLGIDHR	AGAP002171-PA	M10(Oxidation)	43	0.000611772	1	1904.886	2.96	Salivary gland	2R:+:16837027-16837077	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_89234	LSKPLKK	AGAP002171-PA	-	34	0.000291784	1	813.558	2.59	Ovary	2R:+:16835895-16835915	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_89627	AKLETR	AGAP002171-PA	-	42	0.00067788	2	717.426	1.45	Ovary	2R:+:16837078-16837095	exon=> In CDS Exon 6 of transcript AGAP002171-PA

JHU_Ag_93001	ENMADTDLSDILMEEVEQKVK	AGAP002171-PA	M3(Oxidation),"M3(Oxidation), M13(Oxidation)",M13(Oxidation)	67	3.21E-06	1	2469.145	2.99	Ovary	2R:+:16836405-16836467	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_94249	LIAHSGSLVNLAK	AGAP002171-PA	-	46	4.10E-05	2	1322.781	1.28	Male reproductive organs	2R:+:16836737-16836775	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_97788	HPASTLQILGAEK	AGAP002171-PA	-	83	4.29E-08	1	1364.756	1.82	Ovary	2R:+:16836776-16836803,16836872-16836882	exon=> In CDS Exon 5 and 6 of transcript AGAP002171-PA
JHU_Ag_99177	HPASTLQILGAEK	AGAP002171-PA	-	48	0.000140084	2	1364.751	-1.67	Head	2R:+:16836776-16836803,16836872-16836882	exon=> In CDS Exon 5 and 6 of transcript AGAP002171-PA
JHU_Ag_100563	FADTTEALSAATAAVEGK	AGAP002171-PA	-	87	3.88E-08	2	1752.869	2.24	Malpighian tubule	2R:+:16835841-16835894	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_100621	MFVLYETPAGYAIFK	AGAP002171-PA	M1(Oxidation)	40	0.001971863	2	1765.886	-0.7	Visceras	2R:+:16835257-16835301	exon=> In CDS Exon 1 of transcript AGAP002171-PA
JHU_Ag_102624	KIEEIEPEMGEPSTEK	AGAP002171-PA	M9(Oxidation)	79	1.92E-07	2	1861.878	2.26	Ovary	2R:+:16837288-16837296,16837388-16837426	exon=> In CDS Exon 6 and 7 of transcript AGAP002171-PA
JHU_Ag_103166	FVLYETPAGYAIFK	AGAP002171-PA	-	43	0.000566085	2	1618.862	6.26	Ovary	2R:+:16835260-16835301	exon=> In CDS Exon 1 of transcript AGAP002171-PA
JHU_Ag_104584	ILTDNIAYVK	AGAP002171-PA	-	70	7.13E-07	1	1149.657	4.54	Ovary	2R:+:16836351-16836380	exon=> In CDS Exon 4 of transcript AGAP002171-PA
JHU_Ag_105331	LIAHSGSLVNLAK	AGAP002171-PA	-	87	2.66E-09	1	1322.782	2.29	Ovary	2R:+:16836737-16836775	exon=> In CDS Exon 5 of transcript AGAP002171-PA
JHU_Ag_107968	KLVVDDVQNELLVADAK	AGAP002171-PA	-	174	2.09E-17	1	1869.036	1.9	Ovary	2R:+:16835925-16835975	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_110792	MFVLYETPAGYAIFK	AGAP002171-PA	M1(Oxidation)	72	1.07E-06	1	1765.891	2.48	Malpighian tubule	2R:+:16835257-16835301	exon=> In CDS Exon 1 of transcript AGAP002171-PA
JHU_Ag_113941	TQSESLLSGLPK	AGAP002171-PA	-	92	9.79E-09	1	1259.687	2.07	Ovary	2R:+:16836057-16836092	exon=> In CDS Exon 3 of transcript AGAP002171-PA
JHU_Ag_114992	LLDDNKFK	AGAP002171-PA	-	35	0.004476368	2	992.542	0.57	Ovary	2R:+:16835448-16835471	exon=> In CDS Exon 2 of transcript AGAP002171-PA
JHU_Ag_116630	AEDEAANAPSPK	AGAP002171-PA	-	47	0.000209333	2	1199.556	1.88	Ovary	2R:+:16837246-16837281	exon=> In CDS Exon 6 of transcript AGAP002171-PA
JHU_Ag_3383	YDHDNPVQPR	AGAP002175-PA	-	44	0.000491154	1	1240.568	-1.83	Midgut	2R:+:16900786-16900815	exon=> In CDS Exon 4 of transcript AGAP002175-PA
JHU_Ag_25955	IIFFPFLHK	AGAP002175-PA	-	65	1.22E-06	1	1161.685	2.28	Malpighian tubule	2R:+:16900658-16900684	exon=> In CDS Exon 3 of transcript AGAP002175-PA
JHU_Ag_50713	IIFFPFLHK	AGAP002175-PA	-	40	0.000389748	1	1161.684	2.08	Midgut	2R:+:16900658-16900684	exon=> In CDS Exon 3 of transcript AGAP002175-PA
JHU_Ag_85410	YYFSVDNSYVVNK	AGAP002175-PA	-	65	3.93E-06	1	1597.755	0.93	Midgut	2R:+:16900613-16900651	exon=> In CDS Exon 3 of transcript AGAP002175-PA
JHU_Ag_114826	IIFFPFLHK	AGAP002175-PA	-	65	1.11E-06	1	1161.680	-1.35	Ovary	2R:+:16900658-16900684	exon=> In CDS Exon 3 of transcript AGAP002175-PA
JHU_Ag_5224	DPNTGVATTDLYGK	AGAP002176-PA	-	102	9.03E-10	1	1451.700	-0.74	Head	2R:+:16908283-16908300,16908412-16908435	exon=> In CDS Exon 6 and 7 of transcript AGAP002176-PA
JHU_Ag_7605	DNGICGVGVAYDSK	AGAP002176-PA	C5(Carbamidomethyl)	118	1.85E-11	1	1454.661	2.21	Head	2R:+:16907863-16907904	exon=> In CDS Exon 6 of transcript AGAP002176-PA
JHU_Ag_9828	DPNTGVATTDLYGK	AGAP002176-PA	-	84	6.31E-08	2	1451.702	0.52	Midgut	2R:+:16908283-16908300,16908412-16908435	exon=> In CDS Exon 6 and 7 of transcript AGAP002176-PA
JHU_Ag_20368	IPSSGSLYLPIK	AGAP002176-PA	-	91	5.54E-09	1	1274.732	-2.77	Midgut	2R:+:16908890-16908925	exon=> In CDS Exon 9 of transcript AGAP002176-PA

JHU_Ag_21038	HAVPLNYIPDK	AGAP002176-PA	-	40	0.001069723	2	1266.682	-1.45	Head	2R:+:16907232-16907264	exon=> In CDS Exon 3 of transcript AGAP002176-PA
JHU_Ag_38587	IPSSGSLYLPIK	AGAP002176-PA	-	75	1.57E-07	1	1274.738	2.02	Head	2R:+:16908890-16908925	exon=> In CDS Exon 9 of transcript AGAP002176-PA
JHU_Ag_42797	AIVQGVNEGR	AGAP002176-PA	-	38	0.001545266	2	1042.564	-0.03	Midgut	2R:+:16908064-16908093	exon=> In CDS Exon 6 of transcript AGAP002176-PA
JHU_Ag_45124	DPPYQTLSPASPHSK	AGAP002176-PA	-	48	0.000205287	1	1624.801	2.45	Head	2R:+:16910273-16910317	exon=> In CDS Exon 11 of transcript AGAP002176-PA
JHU_Ag_46221	RGDLELFLTSPMGTR	AGAP002176-PA	M12(Oxidation)	42	0.000979696	1	1708.870	0.84	Head	2R:+:16909007-16909050,16909758-16909758	exon=> In CDS Exon 9 and 10 of transcript AGAP002176-PA
JHU_Ag_64035	YTDDWFNSHGTR	AGAP002176-PA	-	56	1.12E-05	1	1498.633	-0.93	Midgut	2R:+:16907717-16907739,16907823-16907835	exon=> In CDS Exon 5 and 6 of transcript AGAP002176-PA
JHU_Ag_97069	SSFTFVFDSIGK	AGAP002177-PA	-	50	0.000196074	2	1334.665	1.38	Midgut	2R:+:16912701-16912736	exon=> In CDS Exon 3 of transcript AGAP002177-PA
JHU_Ag_15471	LIDLQTMR	AGAP002181-PB	M7(Oxidation)	65	5.05E-06	2	1005.539	-0.62	Male reproductive organs	2R:+:17196875-17196898	exon=> In CDS Exon 3 of transcript AGAP002181-PB
JHU_Ag_19485	VICHGDTWVNNLMFSADR	AGAP002181-PB	C3(Carbamidomethyl), M13(Oxidation)	53	5.79E-05	1	2150.964	-4.77	Male reproductive organs	2R:+:17196809-17196862	exon=> In CDS Exon 3 of transcript AGAP002181-PB
JHU_Ag_23591	ISPYDLPYPK	AGAP002181-PB	-	49	0.000214845	2	1192.624	-0.37	Male reproductive organs	2R:+:17196299-17196328	exon=> In CDS Exon 2 of transcript AGAP002181-PB
JHU_Ag_26937	IREIVYCPEAAEFYTHSLESSLR	AGAP002181-PB	C7(Carbamidomethyl)	83	6.18E-08	1	2770.366	5.74	Male reproductive organs	2R:+:17196599-17196667	exon=> In CDS Exon 3 of transcript AGAP002181-PB
JHU_Ag_48853	YADQFSYAR	AGAP002181-PB	-	65	2.98E-06	1	1120.509	2.47	Male reproductive organs	2R:+:17197076-17197102	exon=> In CDS Exon 3 of transcript AGAP002181-PB
JHU_Ag_58877	KDTIVDIIR	AGAP002181-PB	-	45	0.000287263	2	1072.634	-1.81	Male reproductive organs	2R:+:17193827-17193853	exon=> In CDS Exon 1 of transcript AGAP002181-PB
JHU_Ag_75848	IAQIVSNDYHTR	AGAP002181-PB	-	79	2.14E-07	1	1416.724	0.54	Male reproductive organs	2R:+:17197250-17197285	exon=> In CDS Exon 3 of transcript AGAP002181-PB
JHU_Ag_76011	EGDNYMSIIKR	AGAP002181-PB	M6(Oxidation)	45	0.000366338	1	1341.649	1.36	Male reproductive organs	2R:+:17193923-17193955	exon=> In CDS Exon 1 of transcript AGAP002181-PB
JHU_Ag_86900	YSNGEQGELDGPIR	AGAP002181-PB	N3(Deamidated)	109	1.86E-10	1	1534.716	1.6	Male reproductive organs	2R:+:17196689-17196730	exon=> In CDS Exon 3 of transcript AGAP002181-PB
JHU_Ag_99572	IMSALVCDGMDEGWR	AGAP002181-PB	M2(Oxidation), C7(Carbamidomethyl), M10(Oxidation)	70	3.56E-07	2	1771.745	0.21	Male reproductive organs	2R:+:17196764-17196808	exon=> In CDS Exon 3 of transcript AGAP002181-PB
JHU_Ag_103609	VGLSYEHCIAVMK	AGAP002181-PB	C8(Carbamidomethyl), M12(Oxidation)	37	0.003256 24	1	1522.742	1.84	Male reproductive organs	2R:+:17196416-17196454	exon=> In CDS Exon 2 of transcript AGAP002181-PB
JHU_Ag_963	IAIVSSDKCKPK	AGAP002182-PA	C9(Carbamidomethyl)	40	0.000980579	3	1345.753	1.6	Malpighian tubule	2R:-:17200870-17200835	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_4465	GNELQNYFTK	AGAP002182-PA	-	65	3.78E-06	1	1213.590	4.09	Salivary gland	2R:-:17200447-17200418	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_10826	RAGQYFFYEES	AGAP002182-PA	-	34	0.004002408	1	1396.621	2.73	Head	2R:-:17198966-17198934	exon=> In CDS Exon 3 of transcript AGAP002182-PA
JHU_Ag_13092	GNELQNYFTK	AGAP002182-PA	-	83	4.99E-08	1	1213.586	0.67	Ovary	2R:-:17200447-17200418	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_14320	YSDPPDWTDILAHFR	AGAP002182-PA	-	42	0.001008034	1	1832.864	2.08	Pupa	2R:-:17200492-17200448	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_16543	LPIPRPGEVLGLVGQNGIGK	AGAP002182-PA	-	27	0.001622146	3	2014.186	2.69	Malpighian tubule	2R:-:17200603-17200544	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_20437	MLAGNLEPDEESEPLPVLNISYKPQK	AGAP002182-PA	M1(Oxidation)	106	2.68E-10	1	2927.480	3.25	Malpighian tubule	2R:-:17199721-17199644	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_24890	VSESASEEEIKR	AGAP002182-PA	-	41	0.001385087	1	1363.672	1.51	Malpighian tubule	2R:-:17199895-17199860	exon=> In CDS Exon 1 of transcript AGAP002182-PA

JHU_Ag_27042	GNELQNYFTK	AGAP002182-PA	-	65	3.40E-06	1	1213.585	0.36	Male reproductive organs	2R:-:17200447-17200418	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_29139	MLAGNLEPDEESEPLPVLNISYKPQK	AGAP002182-PA	M1(Oxidation)	122	7.86E-12	1	2911.476	0.03	Ovary	2R:-:17199721-17199644	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_30321	IAIVSSDK	AGAP002182-PA	-	40	0.000996342	1	832.476	-1.71	Ovary	2R:-:17200870-17200847	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_33592	AGQYFFYEES	AGAP002182-PA	-	46	0.00011409	1	1240.520	3.27	Malpighian tubule	2R:-:17198963-17198934	exon=> In CDS Exon 3 of transcript AGAP002182-PA
JHU_Ag_34720	KCPFEAITIINVPSNLDK	AGAP002182-PA	C2(Carbamidomethyl)	100	8.77E-10	1	2059.101	5.49	Ovary	2R:-:17200702-17200649	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_36132	LPIPRPGEVLGLVGQNGIGK	AGAP002182-PA	-	39	0.000122812	1	2014.182	0.51	Head	2R:-:17200603-17200544	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_46231	LCIEVAMDSK	AGAP002182-PA	C2(Carbamidomethyl), M7(Oxidation)	44	0.000610508	2	1181.555	0.5	Salivary gland	2R:-:17200783-17200754	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_46932	GNELQNYFTK	AGAP002182-PA	-	75	2.98E-07	2	1213.585	0.16	Pupa	2R:-:17200447-17200418	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_53398	VSESASEEEIKR	AGAP002182-PA	-	74	6.66E-07	1	1363.671	0.58	Male reproductive organs	2R:-:17199895-17199860	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_53803	GTVGALLDK	AGAP002182-PA	-	51	0.000133873	2	873.504	-0.33	Ovary	2R:-:17200348-17200322	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_54081	YSDPPDWTDILAHFR	AGAP002182-PA	-	55	4.76E-05	1	1832.870	5.38	Ovary	2R:-:17200492-17200448	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_59253	ALIKPQYVDQIPK	AGAP002182-PA	-	39	0.000400007	1	1512.884	3.52	Larva	2R:-:17200396-17200358	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_61218	VIVFEGQPSVDTTAHTPQSLLNGMNR	AGAP002182-PA	M24(Oxidation)	54	3.87E-05	1	2811.416	2.36	Ovary	2R:-:17199219-17199142	exon=> In CDS Exon 2 of transcript AGAP002182-PA
JHU_Ag_62644	ALIKPQYVDQIPK	AGAP002182-PA	-	43	0.000199541	2	1512.879	0.62	Ovary	2R:-:17200396-17200358	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_64105	IEEIMDQEVQNLSGGELQR	AGAP002182-PA	M5(Oxidation)	66	3.96E-06	2	2204.053	1.12	Ovary	2R:-:17199538-17199482	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_70317	EIQALSGGELQR	AGAP002182-PA	-	44	0.000514402	2	1300.687	1.29	Salivary gland	2R:-:17200255-17200220	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_75083	RAGQYFFYEES	AGAP002182-PA	-	36	0.002440261	2	1396.623	4.39	Malpighian tubule	2R:-:17198966-17198934	exon=> In CDS Exon 3 of transcript AGAP002182-PA
JHU_Ag_81242	VSESASEEEIKR	AGAP002182-PA	-	85	6.32E-08	2	1363.670	-0.05	Pupa	2R:-:17199895-17199860	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_81732	MLAGNLEPDEESEPLPVLNISYKPQK	AGAP002182-PA	-	46	0.000273548	1	2911.487	3.81	Pupa	2R:-:17199721-17199644	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_83416	LPIPRPGEVLGLVGQNGIGK	AGAP002182-PA	-	76	2.41E-08	1	2014.180	-0.58	Ovary	2R:-:17200603-17200544	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_84964	AGQYFFYEES	AGAP002182-PA	-	39	0.000461952	1	1240.517	1.2	Ovary	2R:-:17198963-17198934	exon=> In CDS Exon 3 of transcript AGAP002182-PA
JHU_Ag_88510	LPIPRPGEVLGLVGQNGIGK	AGAP002182-PA	-	76	1.91E-08	1	2014.183	1.24	Visceras	2R:-:17200603-17200544	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_91983	EIQALSGGELQR	AGAP002182-PA	-	56	3.83E-05	1	1300.690	3.26	Larva	2R:-:17200255-17200220	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_93966	ALIKPQYVDQIPK	AGAP002182-PA	-	77	8.53E-08	1	1512.879	0.43	Salivary gland	2R:-:17200396-17200358	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_94626	TCHYLYPK	AGAP002182-PA	C2(Carbamidomethyl)	46	0.000324466	1	1081.515	1.6	Malpighian tubule	2R:-:17199859-17199836	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_97630	YSDPPDWTDILAHFR	AGAP002182-PA	-	38	0.002771131	1	1832.867	3.48	Visceras	2R:-:17200492-17200448	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_99122	CPFEAITIINVPSNLDK	AGAP002182-PA	C1(Carbamidomethyl)	65	4.23E-06	1	1931.000	3.13	Ovary	2R:-:17200699-17200649	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_101699	LNCAMTIR	AGAP002182-PA	C3(Carbamidomethyl), M5(Oxidation)	38	0.002371248	2	994.482	1.21	Malpighian tubule	2R:-:17200135-17200112	exon=> In CDS Exon 1 of transcript AGAP002182-PA

JHU_Ag_103244	LPIPRPGEVLGLVGQNGIGK	AGAP002182-PA	N16(Deamidated)	65	6.42E-07	1	2015.162	-1.22	Pupa	2R:-:17200603-17200544	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_107575	ALIKPQYVDQIPK	AGAP002182-PA	-	34	0.001622051	1	1512.879	0.14	Midgut	2R:-:17200396-17200358	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_107921	EIQALSGGELQR	AGAP002182-PA	-	58	2.31E-05	1	1300.687	0.73	Male reproductive organs	2R:-:17200255-17200220	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_108031	GNELQNYFTK	AGAP002182-PA	-	35	0.003917381	2	1213.591	5.49	Larva	2R:-:17200447-17200418	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_114210	ALIKPQYVDQIPK	AGAP002182-PA	-	64	1.50E-06	1	1512.882	2.61	Malpighian tubule	2R:-:17200396-17200358	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_115463	VSESASEEEIKR	AGAP002182-PA	-	73	9.39E-07	2	1363.670	0.31	Ovary	2R:-:17199895-17199860	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_116051	VSESASEEEIKR	AGAP002182-PA	-	41	0.001398415	1	1363.670	-0.17	Salivary gland	2R:-:17199895-17199860	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_116206	ALIKPQYVDQIPK	AGAP002182-PA	-	65	1.13E-06	1	1512.883	2.73	Male reproductive organs	2R:-:17200396-17200358	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_116218	FLELLEITFR	AGAP002182-PA	-	71	3.04E-07	1	1280.731	4.91	Ovary	2R:-:17199141-17199112	exon=> In CDS Exon 2 of transcript AGAP002182-PA
JHU_Ag_117311	EIQALSGGELQR	AGAP002182-PA	-	72	1.00E-06	2	1300.685	-0.4	Ovary	2R:-:17200255-17200220	exon=> In CDS Exon 1 of transcript AGAP002182-PA
JHU_Ag_12917	AKVEELQPSLR	AGAP002183-PA	-	53	2.89E-05	2	1269.720	2.73	Ovary	2R:+:17203098-17203130	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_15434	GQAGLLGNLSHLVAQTK	AGAP002183-PA	-	129	4.18E-13	1	1706.959	2.29	Head	2R:+:17203188-17203238	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_21674	LFLLSIQELGR	AGAP002183-PA	-	77	8.08E-08	1	1288.764	1.02	Midgut	2R:+:17203314-17203346	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_27672	LFLLSIQELGR	AGAP002183-PA	-	75	9.46E-08	1	1288.768	4.42	Ovary	2R:+:17203314-17203346	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_38046	LTLDDPNVAEK	AGAP002183-PA	-	63	6.60E-06	2	1214.627	0.22	Salivary gland	2R:+:17203602-17203634	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_39375	LSHYKEDATLNSR	AGAP002183-PA	-	76	4.61E-07	1	1533.771	3.75	Malpighian tubule	2R:+:17204079-17204117	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_41762	NVTLANLEKPNSDER	AGAP002183-PA	-	55	4.39E-05	1	1699.863	1.06	Midgut	2R:+:17202717-17202761	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_47124	HGDFQR	AGAP002183-PA	-	42	0.00018843	2	759.353	-0.77	Head	2R:+:17202612-17202629	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_52068	AKVEELQPSLR	AGAP002183-PA	-	55	1.81E-05	1	1269.721	3.98	Malpighian tubule	2R:+:17203098-17203130	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_52315	LTLDDPNVAEK	AGAP002183-PA	-	57	2.85E-05	2	1214.628	1.22	Male reproductive organs	2R:+:17203602-17203634	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_55148	GQAGLLGNLSHLVAQTK	AGAP002183-PA	-	80	3.36E-08	1	1706.959	2.29	Salivary gland	2R:+:17203188-17203238	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_55790	NVTLANLEKPNSDER	AGAP002183-PA	-	78	2.17E-07	1	1699.864	1.85	Malpighian tubule	2R:+:17202717-17202761	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_59486	GQAGLLGNLSHLVAQTK	AGAP002183-PA	-	96	8.86E-10	1	1706.957	1.29	Ovary	2R:+:17203188-17203238	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_59925	VFTVEILR	AGAP002183-PA	-	36	0.001159986	2	976.582	-0.2	Midgut	2R:+:17202448-17202463,17202568-17202575	exon=> In CDS Exon 1 and 2 of transcript AGAP002183-PA
JHU_Ag_60619	NVTLANLEKPNSDERFLHIPLMLAER	AGAP002183-PA	M22(Oxidation)	89	6.59E-09	1	3036.612	6.1	Malpighian tubule	2R:+:17202717-17202794	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_71823	VFTVEILR	AGAP002183-PA	-	50	3.39E-05	2	976.585	2.36	Pupa	2R:+:17202448-17202463,17202568-17202575	exon=> In CDS Exon 1 and 2 of transcript AGAP002183-PA
JHU_Ag_73151	LIKDMQLQHGLR	AGAP002183-PA	M5(Oxidation)	44	0.000165983	1	1451.819	2.91	Malpighian tubule	2R:+:17202576-17202611	exon=> In CDS Exon 2 of transcript AGAP002183-PA

JHU_Ag_74053	LFLLSIQELGR	AGAP002183-PA	-	82	2.08E-08	2	1288.764	1.58	Salivary gland	2R:+:17203314-17203346	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_81127	NVTLANLEKPNSDER	AGAP002183-PA	-	44	0.000602222	2	1699.862	0.49	Ovary	2R:+:17202717-17202761	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_81165	FLHIPLMLAER	AGAP002183-PA	M7(Oxidation)	57	1.48E-05	1	1355.751	0.35	Salivary gland	2R:+:17202762-17202794	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_83523	GQAGLLGNLSHLVAQTK	AGAP002183-PA	-	61	2.24E-06	2	1706.961	3.51	Male reproductive organs	2R:+:17203188-17203238	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_86249	NLFLVAQAK	AGAP002183-PA	-	51	3.08E-05	2	1003.598	4.51	Malpighian tubule	2R:+:17203575-17203601	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_94600	LFLLSIQELGR	AGAP002183-PA	-	74	1.45E-07	2	1288.767	3.57	Visceras	2R:+:17203314-17203346	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_95712	LTLDDPNVAEK	AGAP002183-PA	-	54	5.76E-05	1	1214.632	4.24	Malpighian tubule	2R:+:17203602-17203634	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_99637	GATAGMSGFVK	AGAP002183-PA	M6(Oxidation)	62	9.39E-06	2	1025.512	2.94	Malpighian tubule	2R:+:17204253-17204285	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_101645	AQVIYENLAQAMPEEEQTVYR	AGAP002183-PA	M12(Oxidation)	44	0.000527064	1	2498.196	3.79	Malpighian tubule	2R:+:17203035-17203097	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_103104	LFLLSIQELGR	AGAP002183-PA	-	69	3.86E-07	2	1288.768	4.71	Malpighian tubule	2R:+:17203314-17203346	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_103898	VRLFLLSIQELGR	AGAP002183-PA	-	64	3.67E-07	1	1543.939	4.84	Malpighian tubule	2R:+:17203308-17203346	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_111164	DAIAAIK	AGAP002183-PA	-	37	0.002039059	1	701.419	-0.97	Midgut	2R:+:17203416-17203436	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_113509	LTLDDPNVAEKTPLASGGGK	AGAP002183-PA	-	44	0.000454926	1	1983.049	4.67	Malpighian tubule	2R:+:17203602-17203661	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_115729	VFTVEILR	AGAP002183-PA	-	59	4.99E-06	2	976.583	0.55	Salivary gland	2R:+:17202448-17202463,17202568-17202575	exon=> In CDS Exon 1 and 2 of transcript AGAP002183-PA
JHU_Ag_117418	LFLLSIQELGR	AGAP002183-PA	-	49	4.11E-05	2	1288.767	3.19	Head	2R:+:17203314-17203346	exon=> In CDS Exon 2 of transcript AGAP002183-PA
JHU_Ag_2350	IFNAEVLFR	AGAP002185-PA	-	71	7.78E-07	2	1108.616	0.79	Ovary	2R:-:17212977-17212951	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_7595	IALIGFPSVGK	AGAP002185-PA	-	39	0.000269425	2	1101.669	2.39	Malpighian tubule	2R:-:17213418-17213386	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_10543	DLLEYELESVGLR	AGAP002185-PA	-	73	7.43E-07	1	1535.794	-0.93	Ovary	2R:-:17213142-17213104	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_27272	KPGAPPDFDDGLILR	AGAP002185-PA	-	65	4.01E-06	1	1610.855	0.84	Ovary	2R:-:17212725-17212681	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_32845	IYLPCIYVYNK	AGAP002185-PA	C5(Carbamidomethyl)	48	0.00024149	1	1445.751	0.96	Ovary	2R:-:17212902-17212870	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_36527	GANIQLLDLPGIIEGAAQGK	AGAP002185-PA	-	143	2.41E-14	1	1978.093	-1.81	Ovary	2R:-:17213289-17213230	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_66017	GGGVSFNATCPLTR	AGAP002185-PA	C10(Carbamidomethyl)	46	0.000385324	2	1436.697	1.51	Male reproductive organs	2R:-:17213061-17213020	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_68042	VGISHIMSDEDVIQVVK	AGAP002185-PA	M7(Oxidation)	96	3.30E-09	1	1884.972	-1.12	Ovary	2R:-:17212509-17212459	exon=> In CDS Exon 3 of transcript AGAP002185-PA
JHU_Ag_82480	IALIGFPSVGK	AGAP002185-PA	-	58	6.60E-06	2	1101.667	-0.04	Male reproductive organs	2R:-:17213418-17213386	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_83211	IDQISIEEVDR	AGAP002185-PA	-	62	1.16E-05	2	1316.668	-0.7	Male reproductive organs	2R:-:17212869-17212837	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_95135	STLLSTLTK	AGAP002185-PA	-	55	1.42E-05	1	963.572	0.07	Ovary	2R:-:17213385-17213359	exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_110090	YALVWGTSTK	AGAP002185-PA	-	49	0.000118851	2	1125.597	2.49	Male reproductive organs	2R:-:17212554-17212525	exon=> In CDS Exon 3 of transcript AGAP002185-PA

JHU_Ag_97004	APVDAIER	AGAP002186-PA	-	32	0.005341478	1	870.470	2.38	Malpighian tubule	2R:-:17238817-17238794	exon=> In CDS Exon 13 of transcript AGAP002186-PA
JHU_Ag_25837	TEFDCGGGMCIPLAK	AGAP002186-PB,AGAP002186-PA	C5(Carbamidomethyl), M9(Oxidation), C10(Carbamidomethyl)	68	1.16E-06	2	1671.723	2.97	Larva	2R:-:17247304-17247260;2R:-:17247304-17247260	exon=> In CDS Exon 6 of transcript AGAP002186-PB;exon=> In CDS Exon 6 of transcript AGAP002186-PA
JHU_Ag_30983	VLIQDDLEIPR	AGAP002186-PB,AGAP002186-PA	-	51	4.75E-05	2	1310.733	0.92	Pupa	2R:-:17246471-17246439;2R:-:17246471-17246439	exon=> In CDS Exon 8 of transcript AGAP002186-PB;exon=> In CDS Exon 8 of transcript AGAP002186-PA
JHU_Ag_53192	SATALDFVFR	AGAP002186-PB,AGAP002186-PA	-	52	8.04E-05	2	1126.590	0.3	Pupa	2R:-:17246782-17246753;2R:-:17246782-17246753	exon=> In CDS Exon 7 of transcript AGAP002186-PB;exon=> In CDS Exon 7 of transcript AGAP002186-PA
JHU_Ag_79075	STIELTNFDGNMGK	AGAP002186-PB,AGAP002186-PA	M12(Oxidation)	75	3.59E-07	2	1542.716	3.7	Larva	2R:-:17246513-17246472;2R:-:17246513-17246472	exon=> In CDS Exon 8 of transcript AGAP002186-PB;exon=> In CDS Exon 8 of transcript AGAP002186-PA
JHU_Ag_86922	VLIQDDLEIPR	AGAP002186-PB,AGAP002186-PA	-	36	0.001574635	2	1310.735	2.31	Malpighian tubule	2R:-:17246471-17246439;2R:-:17246471-17246439	exon=> In CDS Exon 8 of transcript AGAP002186-PB;exon=> In CDS Exon 8 of transcript AGAP002186-PA
JHU_Ag_117226	VLIQDDLEIPR	AGAP002186-PB,AGAP002186-PA	-	55	1.86E-05	2	1310.736	3.06	Larva	2R:-:17246471-17246439;2R:-:17246471-17246439	exon=> In CDS Exon 8 of transcript AGAP002186-PB;exon=> In CDS Exon 8 of transcript AGAP002186-PA
JHU_Ag_1504	LADGLFLK	AGAP002192-PB,AGAP002192-PA	-	47	9.19E-05	2	876.519	0.19	Male reproductive organs	2R:-:17388405-17388382;2R:-:17388405-17388382	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_3688	SEATGILSR	AGAP002192-PB,AGAP002192-PA	-	54	7.25E-05	2	933.506	6.82	Salivary gland	2R:-:17388717-17388691;2R:-:17388717-17388691	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_6355	YHADCISDALHK	AGAP002192-PB,AGAP002192-PA	C5(Carbamidomethyl)	93	4.91E-09	1	1429.651	-1.65	Head	2R:-:17387958-17387923;2R:-:17387958-17387923	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_9325	TIDIDGIHTPDLGGNNTSTDIVQNVLK	AGAP002192-PB,AGAP002192-PA	-	163	5.16E-16	1	2850.454	1.91	Malpighian tubule	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PA
JHU_Ag_10944	NYGDHYAVFEPGTR	AGAP002192-PB,AGAP002192-PA	-	60	1.15E-05	1	1625.735	0.42	Ovary	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PA
JHU_Ag_11671	KVTTIHK	AGAP002192-PB,AGAP002192-PA	-	47	7.82E-05	2	826.515	-0.03	Salivary gland	2R:-:17388441-17388421;2R:-:17388441-17388421	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA

JHU_Ag_12063	SFNAIPAHHQNVDVVIVR	AGAP002192-PB,AGAP002192-PA	-	96	2.14E-09	1	2016.081	1.62	Malpighian tubule	2R:-:17388636-17388583;2R:-:17388636-17388583	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_12907	NVANPVAMLNAAVDMLYHLGHR	AGAP002192-PB,AGAP002192-PA	-	121	1.04E-11	1	2406.224	2.7	Visceras	2R:-:17388024-17387959;2R:-:17388024-17387959	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_16849	NVANPVAMLNAAVDMLYHLGHR	AGAP002192-PB,AGAP002192-PA	M8(Oxidation)	55	4.14E-05	1	2422.205	-2.68	Midgut	2R:-:17388024-17387959;2R:-:17388024-17387959	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_17553	HTVTMLPGGGIGPELMSYVR	AGAP002192-PB,AGAP002192-PA	-	83	6.73E-08	1	2115.077	1.91	Visceras	2R:-:17388921-17388862;2R:-:17388921-17388862	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_19197	TIDIDGIHTPDLGGNNTSTDIVQNVLK	AGAP002192-PB,AGAP002192-PA	-	42	0.000552998	1	2850.466	6.34	Male reproductive organs	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PA
JHU_Ag_20962	FAGVPVDFEIVDIDPASEGNDDLEYAITSIKR	AGAP002192-PB,AGAP002192-PA	-	65	3.63E-06	1	3495.721	1.33	Visceras	2R:-:17388849-17388754;2R:-:17388849-17388754	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_22012	LADGLFLK	AGAP002192-PB,AGAP002192-PA	-	57	9.45E-06	1	876.519	-0.36	Ovary	2R:-:17388405-17388382;2R:-:17388405-17388382	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_26495	NYGDHYAVFEPGTR	AGAP002192-PB,AGAP002192-PA	-	102	7.10E-10	1	1625.734	0.05	Visceras	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PA
JHU_Ag_28338	VVTIENAAR	AGAP002192-PB,AGAP002192-PA	-	69	1.91E-06	2	972.535	-12.71	Salivary gland	2R:-:17388513-17388487;2R:-:17388513-17388487	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_28982	YHADCISDALHK	AGAP002192-PB,AGAP002192-PA	C5(Carbamidomethyl)	93	5.61E-09	1	1429.654	1	Visceras	2R:-:17387958-17387923;2R:-:17387958-17387923	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_31240	FAFEFAK	AGAP002192-PB,AGAP002192-PA	-	38	0.001659359	1	859.435	0.08	Pupa	2R:-:17388477-17388457;2R:-:17388477-17388457	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_31269	GNIETKSEATGILSR	AGAP002192-PB,AGAP002192-PA	-	89	1.81E-08	1	1575.836	1.57	Malpighian tubule	2R:-:17388735-17388691;2R:-:17388735-17388691	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_32206	LADGLFLK	AGAP002192-PB,AGAP002192-PA	-	37	0.000910939	1	876.519	0.35	Head	2R:-:17388405-17388382;2R:-:17388405-17388382	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA

JHU_Ag_33249	GVVESMKVVTIENAAR	AGAP002192-PB,AGAP002192-PA	M6(Oxidation)	49	0.000144093	1	1718.910	-0.66	Malpighian tubule	2R:-:17388534-17388487;2R:-:17388534-17388487	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_33869	SFNAIPAHHQNVDVVIVR	AGAP002192-PB,AGAP002192-PA	-	64	3.81E-06	1	2016.081	1.56	Salivary gland	2R:-:17388636-17388583;2R:-:17388636-17388583	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_34144	SFNAIPAHHQNVDVVIVR	AGAP002192-PB,AGAP002192-PA	-	105	3.17E-10	1	2016.082	2.08	Visceras	2R:-:17388636-17388583;2R:-:17388636-17388583	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_34575	SEATGILSR	AGAP002192-PB,AGAP002192-PA	-	51	0.000161672	2	933.500	-0.51	Head	2R:-:17388717-17388691;2R:-:17388717-17388691	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_35227	FAGVPVDFEIVDIDPASEGNDDLEYAITSIK	AGAP002192-PB,AGAP002192-PA	-	121	1.05E-11	1	3339.621	1.73	Ovary	2R:-:17388849-17388757;2R:-:17388849-17388757	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_38453	LADGLFLK	AGAP002192-PB,AGAP002192-PA	-	52	3.04E-05	1	876.520	1.59	Malpighian tubule	2R:-:17388405-17388382;2R:-:17388405-17388382	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_39460	NELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C12(Carbamidomethyl)	45	0.000436645	1	1600.815	-0.1	Ovary	2R:-:17388675-17388637;2R:-:17388675-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_39913	SFNAIPAHHQNVDVVIVR	AGAP002192-PB,AGAP002192-PA	-	30	0.009032814	1	2016.076	-0.56	Midgut	2R:-:17388636-17388583;2R:-:17388636-17388583	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_40382	FAFEFAK	AGAP002192-PB,AGAP002192-PA	-	42	0.000583365	2	859.435	0.51	Visceras	2R:-:17388477-17388457;2R:-:17388477-17388457	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_42172	LADGLFLK	AGAP002192-PB,AGAP002192-PA	-	62	3.46E-06	2	876.518	-1.62	Pupa	2R:-:17388405-17388382;2R:-:17388405-17388382	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_44936	NYGDHYAVFEPGTR	AGAP002192-PB,AGAP002192-PA	-	54	4.12E-05	1	1625.738	2	Salivary gland	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PA
JHU_Ag_45755	HTVTMLPGGGIGPELMSYVR	AGAP002192-PB,AGAP002192-PA	-	73	7.20E-07	1	2115.073	0.27	Malpighian tubule	2R:-:17388921-17388862;2R:-:17388921-17388862	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_47300	TIDIDGIHTPDLGGNNTSTDIVQNVLK	AGAP002192-PB,AGAP002192-PA	N16(Deamidated),N15(Deamidated),N24(Deamidated),Q23(Deamidated)	185	3.29E-18	1	2850.449	0.43	Head	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PA

JHU_Ag_51993	HTVTMLPGGGIGPELMSYVR	AGAP002192-PB,AGAP002192-PA	M16(Oxidation),M5(Oxidation),"M5(Oxidation), M16(Oxidation)"	111	1.28E-10	1	2147.065	1.36	Head	2R:-:17388921-17388862;2R:-:17388921-17388862	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_52106	NYGDHYAVFEPGTR	AGAP002192-PB,AGAP002192-PA	-	93	4.44E-09	1	1625.733	-0.85	Pupa	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PA
JHU_Ag_52383	SFNAIPAHHQNVDVVIVR	AGAP002192-PB,AGAP002192-PA	-	80	8.71E-08	1	2016.077	-0.01	Pupa	2R:-:17388636-17388583;2R:-:17388636-17388583	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_53950	TIDIDGIHTPDLGGNNTSTDIVQNVLK	AGAP002192-PB,AGAP002192-PA	-	158	1.47E-15	1	2850.454	1.97	Salivary gland	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PA
JHU_Ag_54776	QNTEGEYAMLEHESVR	AGAP002192-PB,AGAP002192-PA	M9(Oxidation)	111	7.76E-11	1	1892.843	-0.96	Head	2R:-:17388582-17388535;2R:-:17388582-17388535	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_57018	YHADCISDALHK	AGAP002192-PB,AGAP002192-PA	C5(Carbamidomethyl)	87	2.25E-08	1	1429.662	6.29	Malpighian tubule	2R:-:17387958-17387923;2R:-:17387958-17387923	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_57330	SEATGILSR	AGAP002192-PB,AGAP002192-PA	-	44	0.000745901	2	933.502	2.18	Ovary	2R:-:17388717-17388691;2R:-:17388717-17388691	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_60008	TIDIDGIHTPDLGGNNTSTDIVQNVLK	AGAP002192-PB,AGAP002192-PA	N16(Deamidated),N15(Deamidated)	178	1.72E-17	1	2850.452	1.4	Visceras	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PA
JHU_Ag_60388	NTGTAIAGK	AGAP002192-PB,AGAP002192-PA	-	47	0.000461529	2	832.453	1.13	Visceras	2R:-:17388051-17388025;2R:-:17388051-17388025	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_61211	NELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C12(Carbamidomethyl)	98	2.05E-09	1	1600.820	2.88	Malpighian tubule	2R:-:17388675-17388637;2R:-:17388675-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_61585	NVALRNELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C17(Carbamidomethyl)	48	8.37E-05	1	2154.155	2.85	Head	2R:-:17388690-17388637;2R:-:17388690-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_66194	NTGTAIAGK	AGAP002192-PB,AGAP002192-PA	-	42	0.001600292	1	832.452	0.11	Malpighian tubule	2R:-:17388051-17388025;2R:-:17388051-17388025	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA

JHU_Ag_66372	NYGDHYAVFEPGTR	AGAP002192-PB,AGAP002192-PA	-	88	1.53E-08	1	1625.734	-0.33	Midgut	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PA
JHU_Ag_69816	FAFEFAK	AGAP002192-PB,AGAP002192-PA	-	42	0.000669793	1	859.435	-0.48	Head	2R:-:17388477-17388457;2R:-:17388477-17388457	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_71113	YHADCISDALHK	AGAP002192-PB,AGAP002192-PA	C5(Carbamidomethyl)	84	4.63E-08	1	1429.655	1.77	Salivary gland	2R:-:17387958-17387923;2R:-:17387958-17387923	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_72935	SEATGILSR	AGAP002192-PB,AGAP002192-PA	-	49	0.000244726	2	933.502	1.65	Malpighian tubule	2R:-:17388717-17388691;2R:-:17388717-17388691	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_73423	VVTIENAAR	AGAP002192-PB,AGAP002192-PA	-	76	3.38E-07	2	972.548	0.72	Visceras	2R:-:17388513-17388487;2R:-:17388513-17388487	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_74698	NYGDHYAVFEPGTR	AGAP002192-PB,AGAP002192-PA	-	101	8.10E-10	1	1625.735	0.65	Malpighian tubule	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PA
JHU_Ag_75541	SEATGILSR	AGAP002192-PB,AGAP002192-PA	-	57	3.41E-05	2	933.501	0.54	Visceras	2R:-:17388717-17388691;2R:-:17388717-17388691	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_77502	QNTEGEYAMLEHESVR	AGAP002192-PB,AGAP002192-PA	M9(Oxidation)	94	3.60E-09	2	1892.845	0.27	Visceras	2R:-:17388582-17388535;2R:-:17388582-17388535	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_77768	SFNAIPAHHQNVDVVIVR	AGAP002192-PB,AGAP002192-PA	N3(Deamidated)	122	6.37E-12	1	2016.080	1.35	Head	2R:-:17388636-17388583;2R:-:17388636-17388583	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_78528	FAFEFAK	AGAP002192-PB,AGAP002192-PA	-	43	0.000515158	1	859.436	1.36	Male reproductive organs	2R:-:17388477-17388457;2R:-:17388477-17388457	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_79428	VVTIENAAR	AGAP002192-PB,AGAP002192-PA	-	77	2.92E-07	2	972.547	-0.72	Head	2R:-:17388513-17388487;2R:-:17388513-17388487	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_79704	TIDIDGIHTPDLGGNNTSTDIVQNVLK	AGAP002192-PB,AGAP002192-PA	-	168	1.60E-16	1	2850.455	2.49	Pupa	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PA

JHU_Ag_79811	KVEQIPK	AGAP002192-PB,AGAP002192-PA	-	40	0.000342384	2	841.517	3.18	Malpighian tubule	2R:-:17388960-17388940;2R:-:17388960-17388940	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_80990	NELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C12(Carbamidomethyl)	123	7.69E-12	1	1600.819	2.27	Head	2R:-:17388675-17388637;2R:-:17388675-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_82388	NYGDHYAVFEPGTR	AGAP002192-PB,AGAP002192-PA	N1(Deamidated)	102	6.64E-10	1	1625.730	-2.88	Head	2R:-:17388192-17389011,17387892-17388052;2R:-:17388192-17389011,17387892-17388052	exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002192-PA
JHU_Ag_83882	NELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C12(Carbamidomethyl)	88	1.94E-08	2	1600.819	2.12	Salivary gland	2R:-:17388675-17388637;2R:-:17388675-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_86684	NTGTAIAGK	AGAP002192-PB,AGAP002192-PA	-	50	0.000246293	2	832.452	-0.7	Salivary gland	2R:-:17388051-17388025;2R:-:17388051-17388025	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_86800	NELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C12(Carbamidomethyl)	56	3.57E-05	2	1600.826	6.85	Midgut	2R:-:17388675-17388637;2R:-:17388675-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_86843	VVTIENAAR	AGAP002192-PB,AGAP002192-PA	-	63	7.09E-06	2	972.548	1.03	Malpighian tubule	2R:-:17388513-17388487;2R:-:17388513-17388487	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_88652	FAFEFAKNNNR	AGAP002192-PB,AGAP002192-PA	-	57	2.77E-05	1	1357.666	0.82	Malpighian tubule	2R:-:17388477-17388445;2R:-:17388477-17388445	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_89195	LADGLFLK	AGAP002192-PB,AGAP002192-PA	-	65	1.52E-06	2	876.520	1.66	Visceras	2R:-:17388405-17388382;2R:-:17388405-17388382	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_89747	LADGLFLK	AGAP002192-PB,AGAP002192-PA	-	25	0.012144076	1	876.530	12.24	Midgut	2R:-:17388405-17388382;2R:-:17388405-17388382	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_90127	KVTTIHK	AGAP002192-PB,AGAP002192-PA	-	47	6.87E-05	2	826.509	-6.68	Head	2R:-:17388441-17388421;2R:-:17388441-17388421	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_91793	NELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C12(Carbamidomethyl)	112	8.47E-11	1	1600.819	2.58	Visceras	2R:-:17388675-17388637;2R:-:17388675-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_91846	TIDIDGIHTPDLGGNNTSTDIVQNVLK	AGAP002192-PB,AGAP002192-PA	-	143	5.44E-14	1	2850.441	-2.59	Midgut	2R:-:17387922-17388078,17387722-17387748;2R:-:17387922-17388078,17387722-17387748	exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002192-PA

JHU_Ag_94047	YHADCISDALHK	AGAP002192-PB,AGAP002192-PA	C5(Carbamidomethyl)	94	4.94E-09	1	1429.659	4.33	Midgut	2R:-:17387958-17387923;2R:-:17387958-17387923	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_94079	NVALRNELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C17(Carbamidomethyl)	91	5.16E-09	1	2154.157	3.87	Visceras	2R:-:17388690-17388637;2R:-:17388690-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_96588	FAGVPVDFEIVDIDPASEGNDDLEYAITSIKR	AGAP002192-PB,AGAP002192-PA	-	41	0.000915768	1	3495.732	4.37	Malpighian tubule	2R:-:17388849-17388754;2R:-:17388849-17388754	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_101224	FAFEFAK	AGAP002192-PB,AGAP002192-PA	-	43	0.000536958	1	859.436	1.08	Malpighian tubule	2R:-:17388477-17388457;2R:-:17388477-17388457	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_106571	HTVTMLPGGGIGPELMSYVREVFR	AGAP002192-PB,AGAP002192-PA	M5(Oxidation), M16(Oxidation)	37	0.003106126	1	2678.355	4.42	Malpighian tubule	2R:-:17388921-17388850;2R:-:17388921-17388850	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_108184	VVTIENAAR	AGAP002192-PB,AGAP002192-PA	-	67	2.74E-06	2	972.547	-0.79	Ovary	2R:-:17388513-17388487;2R:-:17388513-17388487	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_112720	NVANPVAMLNAAVDMLYHLGHR	AGAP002192-PB,AGAP002192-PA	N1(Deamidated), M8(Oxidation), M15(Oxidation)	77	3.22E-07	1	2439.214	9.48	Salivary gland	2R:-:17388024-17387959;2R:-:17388024-17387959	exon=> In CDS Exon 3 of transcript AGAP002192-PB;exon=> In CDS Exon 3 of transcript AGAP002192-PA
JHU_Ag_112893	VVTIENAAR	AGAP002192-PB,AGAP002192-PA	-	64	5.15E-06	2	972.546	-1.6	Pupa	2R:-:17388513-17388487;2R:-:17388513-17388487	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_115587	NVALRNELDLFVNVLHCK	AGAP002192-PB,AGAP002192-PA	C17(Carbamidomethyl)	85	1.79E-08	1	2154.161	5.83	Malpighian tubule	2R:-:17388690-17388637;2R:-:17388690-17388637	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_116693	RNGVAIK	AGAP002192-PB,AGAP002192-PA	-	41	0.000566043	1	757.468	0.18	Head	2R:-:17388756-17388736;2R:-:17388756-17388736	exon=> In CDS Exon 2 of transcript AGAP002192-PB;exon=> In CDS Exon 2 of transcript AGAP002192-PA
JHU_Ag_82698	ASFLCDTSGADLVR	AGAP002193-PA	C5(Carbamidomethyl)	40	0.00149325	2	1511.719	2.13	Malpighian tubule	2R:+:17393431-17393472	exon=> In CDS Exon 5 of transcript AGAP002193-PA
JHU_Ag_58533	GAELAEIR	AGAP002196-PA	-	45	0.000562182	2	858.467	-1.07	Pupa	2R:+:17484989-17485012	exon=> In CDS Exon 3 of transcript AGAP002196-PA
JHU_Ag_61924	VLALK	AGAP002196-PA,AGAP004440-PA,AGAP004440-PC	-	34	0.001331352	1	543.387	1.54	Malpighian tubule	2R:+:17484974-17484988;2R:+:56079944-56079958;2R:+:56079944-56079958	exon=> In CDS Exon 3 of transcript AGAP002196-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_24201	LIVAIK	AGAP002197-PA	-	21	0.007874854	1	656.472	1.8	Midgut	2R:-:17490471-17490454	exon=> In CDS Exon 1 of transcript AGAP002197-PA
JHU_Ag_26148	IFEEILQTIFK	AGAP002198-PA	-	71	4.61E-07	2	1380.778	0.8	Midgut	2R:-:17492599-17492567	exon=> In CDS Exon 3 of transcript AGAP002198-PA
JHU_Ag_34498	IFEEILQTIFKR	AGAP002198-PA	-	42	0.000168737	2	1536.884	3.78	Larva	2R:-:17492599-17492564	exon=> In CDS Exon 3 of transcript AGAP002198-PA

JHU_Ag_101772	IFEEILQTIFK	AGAP002198-PA	-	45	0.000145 71	2	1380.786	5.92	Larva	2R:-:17492599-17492567	exon=> In CDS Exon 3 of transcript AGAP002198-PA
JHU_Ag_8834	AGSTTTLNSVGVSR	AGAP002200-PA	-	64	5.38E-06	2	1349.703	0.6	Salivary gland	2R:-:17562800-17562759	exon=> In CDS Exon 1 of transcript AGAP002200-PA
JHU_Ag_31373	AFEIIARR	AGAP002210-PA	-	30	0.006937 278	1	975.562	-11.71	Salivary gland	2R:-:17602533-17602510	exon=> In CDS Exon 3 of transcript AGAP002210-PA
JHU_Ag_105539	AFEIIARR	AGAP002210-PA	-	30	0.010603 91	1	975.562	-12.27	Midgut	2R:-:17602533-17602510	exon=> In CDS Exon 3 of transcript AGAP002210-PA
JHU_Ag_1132	DDADAEPPQTVR	AGAP002214-PA	-	63	4.70E-06	2	1313.599	1.28	Head	2R:+:17673541-17673576	exon=> In CDS Exon 4 of transcript AGAP002214-PA
JHU_Ag_83301	QEPEELKPLSAYVDDRLELIR	AGAP002214-PA	-	46	0.000166 069	1	2513.336	4.33	Ovary	2R:+:17670911-17670973	exon=> In CDS Exon 1 of transcript AGAP002214-PA
JHU_Ag_86449	EMLMQNKTLPVELCNVLHR	AGAP002215-PA	M4(Oxidation), C14(Carbamidomethyl)	32	0.007009 674	1	2341.206	10.02	Midgut	2R:-:17676914-17676858	exon=> In CDS Exon 3 of transcript AGAP002215-PA
JHU_Ag_56737	ADFPFEEKR	AGAP002216-PA	-	42	0.000848 279	2	1138.552	-0.35	Male reproductive organs	2R:+:17688716-17688742	exon=> In CDS Exon 1 of transcript AGAP002216-PA
JHU_Ag_64304	FFQNSIDHR	AGAP002216-PA	-	55	5.47E-05	2	1163.559	-0.23	Male reproductive organs	2R:+:17688773-17688799	exon=> In CDS Exon 1 of transcript AGAP002216-PA
JHU_Ag_76388	NPEYVYK	AGAP002216-PA	N1(Deamidated)	33	0.003974 279	2	913.441	11.6	Head	2R:+:17689198-17689218	exon=> In CDS Exon 2 of transcript AGAP002216-PA
JHU_Ag_114532	VVTLVHSDDPESK	AGAP002216-PA	-	58	2.63E-05	1	1425.717	-3.49	Male reproductive organs	2R:+:17688901-17688939	exon=> In CDS Exon 2 of transcript AGAP002216-PA
JHU_Ag_8217	AYYELETGETGERPGK	AGAP002218-PA	-	111	8.98E-11	1	1799.841	-2.2	Midgut	2R:+:17695058-17695105	exon=> In CDS Exon 3 of transcript AGAP002218-PA
JHU_Ag_13688	ERLYNEK	AGAP002218-PA	-	35	0.003889 123	1	951.492	2.86	Male reproductive organs	2R:+:17695250-17695270	exon=> In CDS Exon 3 of transcript AGAP002218-PA
JHU_Ag_31207	NEVVHLLR	AGAP002218-PA	-	36	0.001705 611	2	979.568	-0.35	Pupa	2R:+:17695295-17695318	exon=> In CDS Exon 3 of transcript AGAP002218-PA
JHU_Ag_33202	SNSDLHQLWFVLLK	AGAP002218-PA	-	41	0.000631 671	1	1699.930	7.99	Pupa	2R:+:17694813-17694854	exon=> In CDS Exon 2 of transcript AGAP002218-PA
JHU_Ag_106572	AYYELETGETGERPGK	AGAP002218-PA	-	42	0.000865 505	1	1799.844	-0.51	Pupa	2R:+:17695058-17695105	exon=> In CDS Exon 3 of transcript AGAP002218-PA
JHU_Ag_111261	AYYELETGETGERPGK	AGAP002218-PA	-	49	0.000162 145	1	1799.850	2.75	Male reproductive organs	2R:+:17695058-17695105	exon=> In CDS Exon 3 of transcript AGAP002218-PA
JHU_Ag_1339	SALTIQLIQNHFVDEYDPTIEDSYR	AGAP002219-PA	-	132	9.70E-13	1	2967.439	0.46	Head	2R:-:17701140-17701066	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_2134	MGVDDAFYTLVR	AGAP002219-PA	M1(Oxidation)	111	1.13E-10	1	1402.672	3.72	Malpighian tubule	2R:-:17699554-17699519	exon=> In CDS Exon 4 of transcript AGAP002219-PA
JHU_Ag_4349	VKDAEEVPMVLVGNK	AGAP002219-PA	M9(Oxidation)	78	1.71E-07	1	1627.871	-0.74	Midgut	2R:-:17699824-17699780	exon=> In CDS Exon 3 of transcript AGAP002219-PA
JHU_Ag_4935	MGVDDAFYTLVR	AGAP002219-PA	M1(Oxidation)	106	3.11E-10	2	1402.667	0.15	Midgut	2R:-:17699554-17699519	exon=> In CDS Exon 4 of transcript AGAP002219-PA
JHU_Ag_6350	SALTIQLIQNHFVDEYDPTIEDSYRK	AGAP002219-PA	-	69	1.67E-06	1	3095.536	1.11	Head	2R:-:17701140-17701063	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_14403	LVVVGAGGVGK	AGAP002219-PA	-	37	0.000896 299	2	955.593	-0.14	Salivary gland	2R:-:17701173-17701141	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_16732	CDLQAWAVDMNQAR	AGAP002219-PA	C1(Carbamidomethyl), M10(Oxidation)	50	9.19E-05	1	1693.739	-1.85	Midgut	2R:-:17699779-17699738	exon=> In CDS Exon 3 of transcript AGAP002219-PA
JHU_Ag_19797	TEYKLVVVGAGGVGK	AGAP002219-PA	N-Term(Acetyl)	108	1.17E-10	1	1518.858	3.22	Malpighian tubule	2R:-:17701185-17701141	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_23167	SALTIQLIQNHFVDEYDPTIEDSYR	AGAP002219-PA	-	80	1.59E-07	1	2967.427	-3.43	Midgut	2R:-:17701140-17701066	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_44025	DAEEVPMVLVGNK	AGAP002219-PA	M7(Oxidation)	83	7.85E-08	2	1400.711	1.1	Head	2R:-:17699818-17699780	exon=> In CDS Exon 3 of transcript AGAP002219-PA
JHU_Ag_45073	QYGVPFVETSAK	AGAP002219-PA	-	37	0.002809 144	2	1325.673	-0.19	Midgut	2R:-:17699596-17699561	exon=> In CDS Exon 4 of transcript AGAP002219-PA

JHU_Ag_55041	QYGVPFVETSAK	AGAP002219-PA	-	39	0.001805256	2	1325.678	2.94	Malpighian tubule	2R:-:17699596-17699561	exon=> In CDS Exon 4 of transcript AGAP002219-PA
JHU_Ag_59664	MGVDDAFYTLVR	AGAP002219-PA	M1(Oxidation)	83	6.48E-08	2	1402.669	0.93	Head	2R:-:17699554-17699519	exon=> In CDS Exon 4 of transcript AGAP002219-PA
JHU_Ag_65221	TGEGFLLVFAVNSAK	AGAP002219-PA	-	96	1.70E-09	2	1552.845	5.21	Malpighian tubule	2R:-:17700094-17700050	exon=> In CDS Exon 2 of transcript AGAP002219-PA
JHU_Ag_69100	LVVVGAGGVGK	AGAP002219-PA	-	44	0.000180075	1	955.593	-0.44	Midgut	2R:-:17701173-17701141	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_89073	TGEGFLLVFAVNSAK	AGAP002219-PA	-	65	2.87E-06	2	1552.838	0.49	Head	2R:-:17700094-17700050	exon=> In CDS Exon 2 of transcript AGAP002219-PA
JHU_Ag_93975	TGEGFLLVFAVNSAK	AGAP002219-PA	-	72	4.89E-07	2	1552.842	3.24	Visceras	2R:-:17700094-17700050	exon=> In CDS Exon 2 of transcript AGAP002219-PA
JHU_Ag_113675	LVVVGAGGVGK	AGAP002219-PA	-	66	1.11E-06	1	955.593	-0.52	Head	2R:-:17701173-17701141	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_113796	SALTIQLIQNHFVDEYDPTIEDSYRK	AGAP002219-PA	-	188	1.50E-18	1	3095.544	3.97	Malpighian tubule	2R:-:17701140-17701063	exon=> In CDS Exon 1 of transcript AGAP002219-PA
JHU_Ag_14575	LNAEDVLDIVYQPQAVFR	AGAP002221-PA	-	57	2.32E-05	1	2090.095	1.75	Ovary	2R:-:17705845-17705792	exon=> In CDS Exon 2 of transcript AGAP002221-PA
JHU_Ag_28624	FVSDVGEEAGPPLALPINVTK	AGAP002221-PA	-	135	1.82E-13	1	2153.150	0.45	Ovary	2R:-:17706097-17706035	exon=> In CDS Exon 1 of transcript AGAP002221-PA
JHU_Ag_110813	AGDGAFICALR	AGAP002221-PA	C8(Carbamidomethyl)	45	0.000440685	2	1150.566	-1.06	Ovary	2R:-:17704891-17704859	exon=> In CDS Exon 2 of transcript AGAP002221-PA
JHU_Ag_76594	TINDLDILAQVLK	AGAP002222-PA	N3(Deamidated), Q10(Deamidated)	45	0.000365056	1	1457.803	-4.83	Head	2R:+:17707536-17707574	exon=> In CDS Exon 1 of transcript AGAP002222-PA
JHU_Ag_79391	TINDLDILAQVLK	AGAP002222-PA	N3(Deamidated), Q10(Deamidated)	40	0.000994772	1	1457.809	-0.64	Larva	2R:+:17707536-17707574	exon=> In CDS Exon 1 of transcript AGAP002222-PA
JHU_Ag_84868	DTVPSAVAAPAANPNVLAK	AGAP002222-PA	-	37	0.001754517	2	1805.981	2.94	Head	2R:+:17707308-17707364	exon=> In CDS Exon 1 of transcript AGAP002222-PA
JHU_Ag_94948	SFVTGAVGAVPR	AGAP002223-PA	-	50	0.0001144	2	1160.643	0.7	Ovary	2R:-:17709776-17709741	exon=> In CDS Exon 3 of transcript AGAP002223-PA
JHU_Ag_103010	IPLEPLLLR	AGAP002223-PA	-	36	1.95E-05	1	1063.687	-0.14	Ovary	2R:-:17710484-17710458	exon=> In CDS Exon 3 of transcript AGAP002223-PA
JHU_Ag_117056	IPLEPLLLR	AGAP002223-PA	-	41	3.89E-06	1	1063.692	4.11	Salivary gland	2R:-:17710484-17710458	exon=> In CDS Exon 3 of transcript AGAP002223-PA
JHU_Ag_13032	LELAK	AGAP002223-PA,AGAP003583-PA,AGAP010656-PA,AGAP002760-PA,AGAP002822-PA	-	39	0.001368524	1	573.361	-0.03	Salivary gland	2R:-:17709431-17709417;2R:-:40340141-40340127;3L:+:8099752-8099766;2R:+:26786601-26786615;2R:-:27981206-27983084,27980988-27981091	exon=> In CDS Exon 3 of transcript AGAP002223-PA;exon=> In CDS Exon 2 of transcript AGAP003583-PA;exon=> In CDS Exon 8 of transcript AGAP010656-PA;exon=> In CDS Exon 3 of transcript AGAP002760-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP002822-PA
JHU_Ag_13759	ILQAIK	AGAP002226-PA	Q3(Deamidated)	40	0.000209426	1	686.445	0.75	Ovary	2R:+:17780230-17780247	exon=> In CDS Exon 16 of transcript AGAP002226-PA
JHU_Ag_29671	ILQAIK	AGAP002226-PA	Q3(Deamidated)	29	0.002474221	1	686.444	-0.94	Midgut	2R:+:17780230-17780247	exon=> In CDS Exon 16 of transcript AGAP002226-PA
JHU_Ag_85923	ILQAIK	AGAP002226-PA	Q3(Deamidated)	40	0.000500312	1	686.446	1.73	Malpighian tubule	2R:+:17780230-17780247	exon=> In CDS Exon 16 of transcript AGAP002226-PA
JHU_Ag_99519	HSNNNPNLLGFDSEHIR	AGAP002226-PA	-	34	0.005887076	1	1963.945	4.13	Head	2R:+:17778215-17778265	exon=> In CDS Exon 13 of transcript AGAP002226-PA
JHU_Ag_106052	ILQAIK	AGAP002226-PA	Q3(Deamidated)	40	0.000210877	1	686.445	0.75	Salivary gland	2R:+:17780230-17780247	exon=> In CDS Exon 16 of transcript AGAP002226-PA

JHU_Ag_3050	ASQIGALASPQSQPIPSR	AGAP002227-PA	-	83	5.19E-08	1	1807.962	-2.13	Midgut	2R:-:17787970-17787917	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_4385	AIEFWQGQTNR	AGAP002227-PA	-	61	1.40E-05	2	1349.663	2.25	Male reproductive organs	2R:-:17787817-17787785	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_5296	AIEFWQGQTNR	AGAP002227-PA	-	77	3.95E-07	2	1349.661	1.07	Salivary gland	2R:-:17787817-17787785	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_9140	AIEFWQGQTNR	AGAP002227-PA	-	61	1.31E-05	1	1349.660	0.08	Midgut	2R:-:17787817-17787785	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_16075	ASQIGALASPQSQPIPSR	AGAP002227-PA	-	70	8.57E-07	2	1807.968	1.25	Salivary gland	2R:-:17787970-17787917	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_23891	ASQIGALASPQSQPIPSR	AGAP002227-PA	-	81	6.60E-08	2	1807.970	2.26	Malpighian tubule	2R:-:17787970-17787917	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_24190	AIKEELGPDTEVPLPNWGGYMVRPK	AGAP002227-PA	M21(Oxidation)	110	9.51E-11	1	2812.444	3.48	Malpighian tubule	2R:-:17787892-17787818	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_37667	AIEFWQGQTNR	AGAP002227-PA	-	76	4.30E-07	1	1349.659	-0.55	Head	2R:-:17787817-17787785	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_43141	AIKEELGPDTEVPLPNWGGYMVRPK	AGAP002227-PA	M21(Oxidation)	75	3.54E-07	1	2812.434	0.09	Midgut	2R:-:17787892-17787818	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_44777	EGEAVDGTLLHQGEEGWVYER	AGAP002227-PA	-	76	2.73E-07	1	2374.085	-3.99	Malpighian tubule	2R:-:17787748-17787686	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_48152	SVRIEGTAER	AGAP002227-PA	-	49	0.000182 8	2	1117.597	0.7	Malpighian tubule	2R:-:17788045-17788016	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_48558	EGEAVDGTLLHQGEEGWVYER	AGAP002227-PA	-	84	4.54E-08	1	2374.101	2.8	Midgut	2R:-:17787748-17787686	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_50455	ALKEGEAVDGTLLHQGEEGWVYER	AGAP002227-PA	-	100	1.24E-09	1	2686.323	4.35	Malpighian tubule	2R:-:17787757-17787686	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_53500	DVTEEGFTFFTNYESR	AGAP002227-PA	-	107	1.29E-10	1	1941.845	-2.78	Midgut	2R:-:17788159-17788112	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_69648	KEPISLFR	AGAP002227-PA	-	50	7.00E-05	2	989.578	0.04	Male reproductive organs	2R:-:17788411-17788388	exon=> In CDS Exon 2 of transcript AGAP002227-PA
JHU_Ag_72599	ASQIGALASPQSQPIPSR	AGAP002227-PA	-	119	1.02E-11	1	1807.968	0.91	Head	2R:-:17787970-17787917	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_76731	DVTEEGFTFFTNYESR	AGAP002227-PA	-	66	2.09E-06	2	1941.862	5.95	Salivary gland	2R:-:17788159-17788112	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_83743	ISREASETYFHQRPR	AGAP002227-PA	-	48	0.000277 361	1	1876.942	0.16	Malpighian tubule	2R:-:17788015-17787971	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_105754	DVTEEGFTFFTNYESR	AGAP002227-PA	-	107	1.45E-10	2	1941.848	-1.28	Male reproductive organs	2R:-:17788159-17788112	exon=> In CDS Exon 3 of transcript AGAP002227-PA
JHU_Ag_14936	KMVPPQK	AGAP002234-PA	M2(Oxidation), Q6(Deamidated)	37	0.003487 506	2	844.454	-7.21	Visceras	2R:-:17968175-17968155	exon=> In CDS Exon 2 of transcript AGAP002234-PA
JHU_Ag_17028	KMVPPQK	AGAP002234-PA	M2(Oxidation), Q6(Deamidated)	37	0.002894 11	1	844.452	-8.73	Male reproductive organs	2R:-:17968175-17968155	exon=> In CDS Exon 2 of transcript AGAP002234-PA
JHU_Ag_58710	KMVPPQK	AGAP002234-PA	M2(Oxidation), Q6(Deamidated)	40	0.001432 584	2	844.456	-4.76	Malpighian tubule	2R:-:17968175-17968155	exon=> In CDS Exon 2 of transcript AGAP002234-PA
JHU_Ag_89955	KMVPPQK	AGAP002234-PA	M2(Oxidation), Q6(Deamidated)	36	0.002525 587	2	844.450	-11.19	Pupa	2R:-:17968175-17968155	exon=> In CDS Exon 2 of transcript AGAP002234-PA
JHU_Ag_4950	SQNLSSPTIR	AGAP002235-PA	-	40	0.001677 398	1	1102.600	13.38	Salivary gland	2R:-:17972675-17972646	exon=> In CDS Exon 5 of transcript AGAP002235-PA
JHU_Ag_109161	SIISPVVDLPQPDLSS	AGAP002240-PA	-	69	1.32E-06	2	1666.889	-0.32	Midgut	2R:-:18061127-18061080	exon=> In CDS Exon 3 of transcript AGAP002240-PA
JHU_Ag_20349	LPNAAEQIDQR	AGAP002243-PA	-	59	1.39E-05	1	1254.643	-0.41	Midgut	2R:+:18081586-18081618	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_27371	AAQNILER	AGAP002243-PA	-	38	0.002087 695	2	914.508	2.57	Malpighian tubule	2R:+:18081562-18081585	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_30079	AGLTVLHVAASQGLANLTR	AGAP002243-PA	-	28	0.002674 684	1	1892.081	5.2	Salivary gland	2R:+:18080542-18080598	exon=> In CDS Exon 6 of transcript AGAP002243-PA

JHU_Ag_30285	TGNTPFAAALQVR	AGAP002243-PA	-	70	1.38E-06	2	1345.727	3.63	Malpighian tubule	2R:+:18081514-18081552	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_37907	AGLTVLHVAASQGLANLTR	AGAP002243-PA	-	38	0.000287854	1	1892.079	3.85	Malpighian tubule	2R:+:18080542-18080598	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_39064	AGLTVLHVAASQGLANLTR	AGAP002243-PA	-	40	0.000143258	1	1892.085	7.23	Head	2R:+:18080542-18080598	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_52484	AIDENKEQAAVFLIK	AGAP002243-PA	-	73	3.84E-07	2	1688.932	6.04	Malpighian tubule	2R:+:18081202-18081246	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_70134	QQLEEAAVFLTDHCNLSHINR	AGAP002243-PA	Q1(Deamidated), Q2(Deamidated), C14(Carbamidomethyl)	41	0.001280176	1	2497.188	4.08	Ovary	2R:+:18080479-18080541	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_83972	EMLSIGRQLLK	AGAP002243-PA	-	38	0.000630166	2	1287.748	2.29	Head	2R:+:18080077-18080109	exon=> In CDS Exon 5 of transcript AGAP002243-PA
JHU_Ag_94637	GARPNVIHPETGDSLLHSLAK	AGAP002243-PA	-	61	4.68E-06	1	2212.194	4.68	Malpighian tubule	2R:+:18080416-18080478	exon=> In CDS Exon 6 of transcript AGAP002243-PA
JHU_Ag_112357	ATSSDSVKLEK	AGAP002243-PA	N-Term(Acetyl)	44	0.000592712	2	1206.624	2.52	Malpighian tubule	2R:+:18069859-18069859,18070431-18070462	exon=> In CDS Exon 1 and 2 of transcript AGAP002243-PA
JHU_Ag_2657	SQTAETCVEELFDYLHELDHCVTK	AGAP002245-PA	C7(Carbamidomethyl), C21(Carbamidomethyl)	103	4.44E-10	1	2924.317	3.16	Visceras	2R:-:18083496-18083425	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_5508	SQTAETCVEELFDYLHELDHCVTK	AGAP002245-PA	C7(Carbamidomethyl), C21(Carbamidomethyl)	160	7.77E-16	1	2924.298	-3.47	Midgut	2R:-:18083496-18083425	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_6305	CAQHGSAPQLWEK	AGAP002245-PA	C1(Carbamidomethyl)	89	1.44E-08	1	1511.709	2.22	Malpighian tubule	2R:-:18083568-18083530	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_16134	CAQHGSAPQLWEK	AGAP002245-PA	C1(Carbamidomethyl)	44	0.000425322	2	1511.711	3.19	Visceras	2R:-:18083568-18083530	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_19669	SQTAETCVEELFDYLHELDHCVTK	AGAP002245-PA	C7(Carbamidomethyl), C21(Carbamidomethyl)	73	4.40E-07	1	2924.318	3.58	Salivary gland	2R:-:18083496-18083425	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_51039	CAQHGSAPQLWEKYQACNER	AGAP002245-PA	C1(Carbamidomethyl), C17(Carbamidomethyl)	113	3.74E-11	1	2433.086	1.36	Malpighian tubule	2R:-:18083568-18083509	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_65187	YQACNER	AGAP002245-PA	C4(Carbamidomethyl)	39	0.000611579	2	940.395	0.7	Malpighian tubule	2R:-:18083529-18083509	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_91849	CAQHGSAPQLWEK	AGAP002245-PA	C1(Carbamidomethyl)	77	2.33E-07	1	1511.701	-3.17	Midgut	2R:-:18083568-18083530	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_91982	SQTAETCVEELFDYLHELDHCVTK	AGAP002245-PA	C7(Carbamidomethyl), C21(Carbamidomethyl)	126	2.71E-12	1	2924.314	2.2	Malpighian tubule	2R:-:18083496-18083425	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_93626	CAQHGSAPQLWEK	AGAP002245-PA	C1(Carbamidomethyl)	73	6.88E-07	1	1511.701	-3.59	Head	2R:-:18083568-18083530	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_100041	SQTAETCVEELFDYLHELDHCVTK	AGAP002245-PA	C7(Carbamidomethyl), C21(Carbamidomethyl)	121	8.37E-12	1	2924.320	4.33	Ovary	2R:-:18083496-18083425	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_116525	YQACNER	AGAP002245-PA	C4(Carbamidomethyl)	32	0.002597103	2	940.394	0.18	Midgut	2R:-:18083529-18083509	exon=> In CDS Exon 2 of transcript AGAP002245-PA
JHU_Ag_28755	TLFSK	AGAP002245-PA,AGAP000403-PA	-	30	0.003051258	1	595.347	3.01	Visceras	2R:-:18083424-18083410;X:-:7289547-7289533	exon=> In CDS Exon 2 of transcript AGAP002245-PA;exon=> In CDS Exon 3 of transcript AGAP000403-PA
JHU_Ag_37869	IVIYSK	AGAP002246-PA	-	19	0.008300381	1	722.445	-0.05	Head	2R:+:18091157-18091174	exon=> In CDS Exon 3 of transcript AGAP002246-PA
JHU_Ag_76749	ELELLK	AGAP002248-PA	-	31	0.008249243	1	744.452	2.67	Head	2R:+:18095113-18095130	exon=> In CDS Exon 1 of transcript AGAP002248-PA
JHU_Ag_51552	LLDQIGQGSYGLVK	AGAP002250-PA	Q7(Deamidated)	33	0.004172738	1	1491.812	4.33	Malpighian tubule	2R:-:18107433-18109458,18105905-18106058	exon=> In CDS Exon 2 and 1 of transcript AGAP002250-PA
JHU_Ag_5676	NPVEGFSAGLIDDNDIFR	AGAP002251-PA	-	175	4.72E-17	1	1978.957	3.03	Ovary	2R:-:18196529-18196476	exon=> In CDS Exon 2 of transcript AGAP002251-PA

JHU_Ag_6106	NPVEGFSAGLIDDNDIFR	AGAP002251-PA	-	100	1.67E-09	1	1978.950	-0.24	Head	2R:-:18196529-18196476	exon=> In CDS Exon 2 of transcript AGAP002251-PA
JHU_Ag_18708	FVTEIWHPNIDR	AGAP002251-PA	-	68	2.14E-06	1	1526.777	1.26	Ovary	2R:-:18195803-18195768	exon=> In CDS Exon 3 of transcript AGAP002251-PA
JHU_Ag_46187	SEPQSSLLLK	AGAP002251-PA	N-Term(Acetyl)	38	0.002235437	2	1143.627	1.2	Ovary	2R:-:18197788-18197759	exon=> In CDS Exon 1 of transcript AGAP002251-PA
JHU_Ag_51882	FVTEIWHPNIDR	AGAP002251-PA	-	67	2.93E-06	1	1526.775	-0.18	Head	2R:-:18195803-18195768	exon=> In CDS Exon 3 of transcript AGAP002251-PA
JHU_Ag_61417	FVTEIWHPNIDR	AGAP002251-PA	-	42	0.000875714	2	1526.777	1.1	Visceras	2R:-:18195803-18195768	exon=> In CDS Exon 3 of transcript AGAP002251-PA
JHU_Ag_62181	FVTEIWHPNIDR	AGAP002251-PA	-	73	7.79E-07	1	1526.775	-0.34	Midgut	2R:-:18195803-18195768	exon=> In CDS Exon 3 of transcript AGAP002251-PA
JHU_Ag_63182	QLAELSK	AGAP002251-PA	Q1(Deamidated)	50	0.000161832	1	789.437	1.55	Ovary	2R:-:18197755-18197791,18196438-18196530	exon=> In CDS Exon 2 and 1 of transcript AGAP002251-PA
JHU_Ag_69957	SEPQSSLLLKK	AGAP002251-PA	N-Term(Acetyl)	50	7.10E-05	1	1271.722	0.99	Head	2R:-:18197788-18197756	exon=> In CDS Exon 1 of transcript AGAP002251-PA
JHU_Ag_80400	SEPQSSLLLKK	AGAP002251-PA	N-Term(Acetyl)	67	1.62E-06	1	1271.725	3.19	Malpighian tubule	2R:-:18197788-18197756	exon=> In CDS Exon 1 of transcript AGAP002251-PA
JHU_Ag_81840	NGDVCISILHEPGDDK	AGAP002251-PA	N1(Deamidated), C5(Carbamidomethyl)	52	7.41E-05	2	1769.805	2.17	Head	2R:-:18195767-18195720	exon=> In CDS Exon 3 of transcript AGAP002251-PA
JHU_Ag_83764	AHLHFPK	AGAP002251-PA	-	38	0.001620046	1	849.477	4.31	Ovary	2R:-:18195854-18195834	exon=> In CDS Exon 3 of transcript AGAP002251-PA
JHU_Ag_91807	NPVEGFSAGLIDDNDIFR	AGAP002251-PA	-	100	1.56E-09	2	1978.953	1.24	Larva	2R:-:18196529-18196476	exon=> In CDS Exon 2 of transcript AGAP002251-PA
JHU_Ag_105258	NPVEGFSAGLIDDNDIFR	AGAP002251-PA	N14(Deamidated),N1(Deamidated)	117	3.10E-11	2	1978.951	0.13	Midgut	2R:-:18196529-18196476	exon=> In CDS Exon 2 of transcript AGAP002251-PA
JHU_Ag_94994	LIVEK	AGAP002252-PA	-	38	0.001526944	1	601.393	2.43	Malpighian tubule	2R:+:18207198-18207212	exon=> In CDS Exon 7 of transcript AGAP002252-PA
JHU_Ag_108728	TVVLK	AGAP002260-PA,AGAP002829-PA	-	32	0.002193149	1	559.381	0.12	Salivary gland	2R:+:18257079-18257093;2R:+:28071738-28071752	exon=> In CDS Exon 2 of transcript AGAP002260-PA;exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_8800	SPPPVLEDDEDDDDDDEAYLDSR	AGAP002263-PC,AGAP002263-PD,AGAP002263-PE	-	44	8.77E-05	2	2622.054	2.22	Head	2R:-:18344608-18344540;2R:-:18344608-18344540;2R:-:18344608-18344540	exon=> In CDS Exon 4 of transcript AGAP002263-PC;exon=> In CDS Exon 4 of transcript AGAP002263-PD;exon=> In CDS Exon 4 of transcript AGAP002263-PE
JHU_Ag_19866	TEGVSTSDIVAR	AGAP002263-PC,AGAP002263-PD,AGAP002263-PE	-	55	5.86E-05	2	1234.631	2.91	Malpighian tubule	2R:-:18345103-18345068;2R:-:18345103-18345068;2R:-:18345103-18345068	exon=> In CDS Exon 4 of transcript AGAP002263-PC;exon=> In CDS Exon 4 of transcript AGAP002263-PD;exon=> In CDS Exon 4 of transcript AGAP002263-PE
JHU_Ag_20904	VYADGIYDLFHQGHAR	AGAP002263-PC,AGAP002263-PD,AGAP002263-PE	-	55	5.37E-05	1	1861.908	5.1	Malpighian tubule	2R:-:18346282-18346235;2R:-:18346282-18346235;2R:-:18346282-18346235	exon=> In CDS Exon 2 of transcript AGAP002263-PC;exon=> In CDS Exon 2 of transcript AGAP002263-PD;exon=> In CDS Exon 2 of transcript AGAP002263-PE
JHU_Ag_40045	VYADGIYDLFHQGHAR	AGAP002263-PC,AGAP002263-PD,AGAP002263-PE	-	47	0.000323052	1	1861.914	8.55	Ovary	2R:-:18346282-18346235;2R:-:18346282-18346235;2R:-:18346282-18346235	exon=> In CDS Exon 2 of transcript AGAP002263-PC;exon=> In CDS Exon 2 of transcript AGAP002263-PD;exon=> In CDS Exon 2 of transcript AGAP002263-PE

JHU_Ag_59451	VYADGIYDLFHQGHAR	AGAP002263-PC,AGAP002263-PD,AGAP002263-PE	-	49	0.000223 17	1	1861.904	3.24	Head	2R:-:18346282-18346235;2R:-:18346282-18346235;2R:-:18346282-18346235	exon=> In CDS Exon 2 of transcript AGAP002263-PC;exon=> In CDS Exon 2 of transcript AGAP002263-PD;exon=> In CDS Exon 2 of transcript AGAP002263-PE
JHU_Ag_69827	HHLLSEEDDEEQGLGGPR	AGAP002263-PC,AGAP002263-PD,AGAP002263-PE	-	37	0.002740 963	2	2017.917	-1.94	Head	2R:-:18344662-18344609;2R:-:18344662-18344609;2R:-:18344662-18344609	exon=> In CDS Exon 4 of transcript AGAP002263-PC;exon=> In CDS Exon 4 of transcript AGAP002263-PD;exon=> In CDS Exon 4 of transcript AGAP002263-PE
JHU_Ag_112984	TEGVSTSDIVAR	AGAP002263-PC,AGAP002263-PD,AGAP002263-PE	-	48	0.000302 589	2	1234.630	2.12	Ovary	2R:-:18345103-18345068;2R:-:18345103-18345068;2R:-:18345103-18345068	exon=> In CDS Exon 4 of transcript AGAP002263-PC;exon=> In CDS Exon 4 of transcript AGAP002263-PD;exon=> In CDS Exon 4 of transcript AGAP002263-PE
JHU_Ag_1205	DITYQLILKSK	AGAP002264-PA	Q5(Deamidated)	33	0.002464 945	1	1322.748	-6.64	Ovary	2R:-:18359758-18359904,18359452-18359637	exon=> In CDS Exon 5 and 4 of transcript AGAP002264-PA
JHU_Ag_15155	DITYQLILKSK	AGAP002264-PA	Q5(Deamidated)	34	0.001952 406	1	1322.749	-5.54	Malpighian tubule	2R:-:18359758-18359904,18359452-18359637	exon=> In CDS Exon 5 and 4 of transcript AGAP002264-PA
JHU_Ag_10403	TILILDVR	AGAP002265-PA	-	45	6.42E-05	2	942.602	3.72	Malpighian tubule	2R:-:18377101-18377078	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_12131	AVIVIPVANGVIPDEYK	AGAP002265-PA	-	52	2.18E-05	2	1797.020	2.27	Visceras	2R:-:18377368-18377318	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_28342	LEENGLPEYPPLPVNFDAK	AGAP002265-PA	-	35	0.004782 348	2	2142.082	2.98	Head	2R:-:18377179-18377123	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_39005	LALLEFCDQR	AGAP002265-PA	C7(Carbamidomethyl)	52	0.000100 813	2	1264.640	3.51	Head	2R:-:18376987-18376958	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_42711	VVQITNIAPQATK	AGAP002265-PA	-	62	2.11E-06	1	1382.803	1.83	Salivary gland	2R:-:18377581-18377543	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_63077	AVIVIPVANGVIPDEYK	AGAP002265-PA	-	26	0.007867 18	1	1797.017	0.91	Midgut	2R:-:18377368-18377318	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_63304	VVQITNIAPQATK	AGAP002265-PA	-	79	5.19E-08	2	1382.807	4.74	Head	2R:-:18377581-18377543	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_80865	AVIVIPVANGVIPDEYK	AGAP002265-PA	-	47	6.46E-05	2	1797.024	4.64	Head	2R:-:18377368-18377318	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_82473	DQMQTFLGTVGK	AGAP002265-PA	M3(Oxidation)	40	0.001333 939	2	1340.655	2.54	Head	2R:-:18377542-18377507	exon=> In CDS Exon 1 of transcript AGAP002265-PA
JHU_Ag_65253	LDVLSFDHKPTNEK	AGAP002266-PB	-	38	0.002321 943	1	1642.848	2.39	Head	2R:+:18380671-18380712	exon=> In CDS Exon 1 of transcript AGAP002266-PB
JHU_Ag_102881	SHEGPVGEEDPEHQQDTPR	AGAP002266-PB	-	69	1.02E-06	1	2143.930	0.89	Malpighian tubule	2R:+:18381190-18381246	exon=> In CDS Exon 1 of transcript AGAP002266-PB
JHU_Ag_33974	HDEGLFFGVNGQTLR	AGAP002268-PA	-	41	0.001515 787	1	1689.829	-3.48	Malpighian tubule	2R:-:18386623-18386579	exon=> In CDS Exon 9 of transcript AGAP002268-PA
JHU_Ag_52413	LSGLSEVQFR	AGAP002268-PA	-	43	0.000789 336	2	1135.613	1.82	Male reproductive organs	2R:-:18394071-18394042	exon=> In CDS Exon 2 of transcript AGAP002268-PA
JHU_Ag_56644	ENLLIIDR	AGAP002268-PA	-	63	6.00E-06	2	985.567	-0.98	Male reproductive organs	2R:-:18389029-18389006	exon=> In CDS Exon 7 of transcript AGAP002268-PA
JHU_Ag_72703	ENLLIIDR	AGAP002268-PA	-	35	0.003684 907	2	985.567	-1.1	Ovary	2R:-:18389029-18389006	exon=> In CDS Exon 7 of transcript AGAP002268-PA
JHU_Ag_100157	ENLLIIDR	AGAP002268-PA	-	44	0.000424 919	2	985.571	2.99	Malpighian tubule	2R:-:18389029-18389006	exon=> In CDS Exon 7 of transcript AGAP002268-PA

JHU_Ag_26197	KGVAPEK	AGAP002272-PA	-	27	0.008142984	2	728.427	-4.1	Head	2R:+:18441567-18441587	exon=> In CDS Exon 11 of transcript AGAP002272-PA
JHU_Ag_1543	DGHVAVVTELLAR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	72	4.07E-07	1	1379.768	3.09	Head	2R:+:18436356-18436394;2R:+:18436356-18436394;2R:+:18436356-18436394	exon=> In CDS Exon 3 of transcript AGAP002272-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PC;exon=> In CDS Exon 3 of transcript AGAP002272-PB
JHU_Ag_2645	NGVTPLHVASHYDHQNVAMLLLEK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M19(Oxidation),"N1(Deamidated),M19(Oxidation)"	45	0.000454505	1	2703.360	1.39	Head	2R:+:18439250-18439321;2R:+:18439250-18439321;2R:+:18439250-18439321	exon=> In CDS Exon 6 of transcript AGAP002272-PA;exon=> In CDS Exon 6 of transcript AGAP002272-PC;exon=> In CDS Exon 6 of transcript AGAP002272-PB
JHU_Ag_7116	AGFTPLHLSAQEGHTEMSGLLLESK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M17(Oxidation)	100	1.33E-09	1	2669.319	-1.99	Head	2R:+:18439448-18439522;2R:+:18439448-18439522;2R:+:18439448-18439522	exon=> In CDS Exon 6 of transcript AGAP002272-PA;exon=> In CDS Exon 6 of transcript AGAP002272-PC;exon=> In CDS Exon 6 of transcript AGAP002272-PB
JHU_Ag_12913	EQQTPLHIASR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	68	2.06E-06	1	1279.675	-0.6	Head	2R:+:18437814-18437846;2R:+:18437814-18437846;2R:+:18437814-18437846	exon=> In CDS Exon 5 of transcript AGAP002272-PA;exon=> In CDS Exon 5 of transcript AGAP002272-PC;exon=> In CDS Exon 5 of transcript AGAP002272-PB
JHU_Ag_16661	TNMVALLLEK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	64	3.11E-06	2	1131.645	0.49	Head	2R:+:18437060-18437089;2R:+:18437060-18437089;2R:+:18437060-18437089	exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_17852	NGLAPLHMAAQGEHVDAAR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M8(Oxidation)	52	0.000130661	1	1973.962	0.29	Head	2R:+:18437216-18437272;2R:+:18437216-18437272;2R:+:18437216-18437272	exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_24031	HNISPLHVAAK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	55	3.61E-05	1	1186.670	0.77	Head	2R:+:18437018-18437050;2R:+:18437018-18437050;2R:+:18437018-18437050	exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_24928	NQIDIANTLLK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	63	4.09E-06	1	1242.707	1.15	Head	2R:+:18439385-18439417;2R:+:18439385-18439417;2R:+:18439385-18439417	exon=> In CDS Exon 6 of transcript AGAP002272-PA;exon=> In CDS Exon 6 of transcript AGAP002272-PC;exon=> In CDS Exon 6 of transcript AGAP002272-PB
JHU_Ag_34593	FVTYDFPQYFAVISR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	93	7.81E-09	2	1852.934	3.57	Head	2R:+:18441378-18441422;2R:+:18441378-18441422;2R:+:18441378-18441422	exon=> In CDS Exon 11 of transcript AGAP002272-PA;exon=> In CDS Exon 11 of transcript AGAP002272-PC;exon=> In CDS Exon 11 of transcript AGAP002272-PB
JHU_Ag_35626	DMYTALHIAAK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M2(Oxidation)	98	2.86E-09	1	1249.627	1.93	Head	2R:+:18437913-18437945;2R:+:18437913-18437945;2R:+:18437913-18437945	exon=> In CDS Exon 5 of transcript AGAP002272-PA;exon=> In CDS Exon 5 of transcript AGAP002272-PC;exon=> In CDS Exon 5 of transcript AGAP002272-PB

JHU_Ag_38261	VLEHLK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	34	0.001183712	2	738.448	-3.84	Head	2R:+:18435319-18435336;2R:+:18435319-18435336	exon=> In CDS Exon 2 of transcript AGAP002272-PA;exon=> In CDS Exon 2 of transcript AGAP002272-PC;exon=> In CDS Exon 2 of transcript AGAP002272-PB
JHU_Ag_39652	AGYTPLHVASHFGQANMVR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M17(Oxidation)	132	1.02E-12	1	2072.013	0.04	Head	2R:+:18439646-18439702;2R:+:18439646-18439702	exon=> In CDS Exon 6 of transcript AGAP002272-PA;exon=> In CDS Exon 6 of transcript AGAP002272-PC;exon=> In CDS Exon 6 of transcript AGAP002272-PB
JHU_Ag_42293	HNASVNVQSQNGFTPLYMAAQENHDSVVR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M18(Oxidation)	155	3.54E-15	1	3229.515	2.26	Head	2R:+:18436491-18436577;2R:+:18436491-18436577	exon=> In CDS Exon 3 of transcript AGAP002272-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PC;exon=> In CDS Exon 3 of transcript AGAP002272-PB
JHU_Ag_47558	GNTALHIASLAGQEDVVK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	58	1.62E-05	1	1822.964	-1.12	Head	2R:+:18436425-18436478;2R:+:18436425-18436478	exon=> In CDS Exon 3 of transcript AGAP002272-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PC;exon=> In CDS Exon 3 of transcript AGAP002272-PB
JHU_Ag_52198	NGHTPLHIAAR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	N1(Deamidated)	61	1.41E-05	1	1187.622	-5.27	Head	2R:+:18439349-18439381;2R:+:18439349-18439381	exon=> In CDS Exon 6 of transcript AGAP002272-PA;exon=> In CDS Exon 6 of transcript AGAP002272-PC;exon=> In CDS Exon 6 of transcript AGAP002272-PB
JHU_Ag_60020	KNQIDIANTLLK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	34	0.001261302	2	1370.804	2.47	Head	2R:+:18439382-18439417;2R:+:18439382-18439417	exon=> In CDS Exon 6 of transcript AGAP002272-PA;exon=> In CDS Exon 6 of transcript AGAP002272-PC;exon=> In CDS Exon 6 of transcript AGAP002272-PB
JHU_Ag_64392	FLGPVIMEVPHFASLR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M7(Oxidation)	90	1.01E-08	1	1828.982	2.17	Head	2R:+:18441009-18441056;2R:+:18441009-18441056	exon=> In CDS Exon 10 of transcript AGAP002272-PA;exon=> In CDS Exon 10 of transcript AGAP002272-PC;exon=> In CDS Exon 10 of transcript AGAP002272-PB
JHU_Ag_64598	ILLYHR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	33	0.004306671	1	814.493	-0.01	Head	2R:+:18437273-18437290;2R:+:18437273-18437290	exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_70019	LGNVDIVMLLLQHGAQVDAVTK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M8(Oxidation)	128	6.17E-13	1	2350.289	3.92	Head	2R:+:18437847-18437912;2R:+:18437847-18437912	exon=> In CDS Exon 5 of transcript AGAP002272-PA;exon=> In CDS Exon 5 of transcript AGAP002272-PC;exon=> In CDS Exon 5 of transcript AGAP002272-PB
JHU_Ag_72174	LLLSNGANQSLATEDGFTPLAVAMQQGHDK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M24(Oxidation)	229	1.43E-22	1	3126.563	3.28	Head	2R:+:18436578-18436667;2R:+:18436578-18436667	exon=> In CDS Exon 3 of transcript AGAP002272-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PC;exon=> In CDS Exon 3 of transcript AGAP002272-PB
JHU_Ag_73950	EREIVILR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	34	0.001959933	2	1027.624	-1.55	Head	2R:+:18441063-18441086;2R:+:18441063-18441086	exon=> In CDS Exon 10 of transcript AGAP002272-PA;exon=> In CDS Exon 10 of transcript AGAP002272-PC;exon=> In CDS Exon 10 of transcript AGAP002272-PB

JHU_Ag_78102	SLGDDSLPIDVTR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	60	1.38E-05	2	1387.715	6.02	Head	2R:+:18440278-18440316;2R:+:18440278-18440316;2R:+:18440278-18440316	exon=> In CDS Exon 8 of transcript AGAP002272-PA;exon=> In CDS Exon 8 of transcript AGAP002272-PC;exon=> In CDS Exon 8 of transcript AGAP002272-PB
JHU_Ag_82546	NFLVSFLVDAR	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	60	8.20E-06	1	1280.705	4.44	Head	2R:+:18440649-18440650,18440792-18440822;2R:+:18440649-18440650,18440792-18440822;2R:+:18440649-18440650,18440792-18440822	exon=> In CDS Exon 9 and 10 of transcript AGAP002272-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP002272-PC;exon=> In CDS Exon 9 and 10 of transcript AGAP002272-PB
JHU_Ag_95146	LGYISVLDSLK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	34	0.001742199	2	1207.696	2.2	Head	2R:+:18439979-18440011;2R:+:18439979-18440011;2R:+:18439979-18440011	exon=> In CDS Exon 7 of transcript AGAP002272-PA;exon=> In CDS Exon 7 of transcript AGAP002272-PC;exon=> In CDS Exon 7 of transcript AGAP002272-PB
JHU_Ag_95858	SGHEQVVDMLLER	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M9(Oxidation)	102	9.62E-10	1	1528.748	3.58	Head	2R:+:18437150-18437188;2R:+:18437150-18437188;2R:+:18437150-18437188	exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_96617	SGFTPLHIASHYGNEAMANLLIQK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M17(Oxidation),"N14(Deamidated),M17(Oxidation)","M17(Oxidation),Q23(Deamidated)"	76	2.70E-07	1	2628.334	3.86	Head	2R:+:18436919-18436990;2R:+:18436919-18436990;2R:+:18436919-18436990	exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_99129	AATLLLENDHNPDVTSK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	103	7.60E-10	1	1837.931	0.94	Head	2R:+:18436755-18436775,18436889-18436918;2R:+:18436755-18436775,18436889-18436918;2R:+:18436755-18436775,18436889-18436918	exon=> In CDS Exon 3 and 4 of transcript AGAP002272-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002272-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002272-PB
JHU_Ag_106976	IRQEVHAIGPEGGMVSSTVVPQVQAVFPQGALTK	AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	M14(Oxidation)	95	1.12E-09	1	3546.878	1.25	Head	2R:+:18441423-18441524;2R:+:18441423-18441524;2R:+:18441423-18441524	exon=> In CDS Exon 11 of transcript AGAP002272-PA;exon=> In CDS Exon 11 of transcript AGAP002272-PC;exon=> In CDS Exon 11 of transcript AGAP002272-PB
JHU_Ag_3445	TIHRDDIVER	AGAP002272-PC,AGAP002272-PB	-	50	9.87E-05	1	1253.657	-2.45	Head	2R:+:18452895-18452924;2R:+:18452895-18452924	exon=> In CDS Exon 14 of transcript AGAP002272-PC;exon=> In CDS Exon 14 of transcript AGAP002272-PB
JHU_Ag_10735	DEFEQELQDK	AGAP002272-PC,AGAP002272-PB	-	63	4.30E-06	1	1280.567	2.17	Head	2R:+:18454501-18454530;2R:+:18454501-18454530	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_20903	EIVEEIITIKR	AGAP002272-PC,AGAP002272-PB	-	26	0.008247073	2	1342.796	1.64	Head	2R:+:18454318-18454350;2R:+:18454318-18454350	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB

JHU_Ag_30723	HDVSHAVEEK	AGAP002272-PC,AGAP002272-PB	-	54	5.83E-05	2	1150.547	-1.82	Head	2R:+:18455113-18455142;2R:+:18455113-18455142	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_30938	QLQSAEVTVGTLDLSHSEEESFDK	AGAP002272-PC,AGAP002272-PB	-	33	0.007182 27	1	2649.260	2.81	Head	2R:+:18456484-18456541,18456625-18456638;2R:+:18456484-18456541,18456625-18456638	exon=> In CDS Exon 15 and 16 of transcript AGAP002272-PC;exon=> In CDS Exon 15 and 16 of transcript AGAP002272-PB
JHU_Ag_35243	AEEMIETVVEHAESVASR	AGAP002272-PC,AGAP002272-PB	M4(Oxidation)	43	0.000629 331	1	2002.932	-3.12	Head	2R:+:18456052-18456105;2R:+:18456052-18456105	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_40975	REESISQHFK	AGAP002272-PC,AGAP002272-PB	-	48	0.000275 748	1	1260.630	-2.56	Head	2R:+:18455257-18455286;2R:+:18455257-18455286	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_42485	TDSEQISEDSEQEPLLR	AGAP002272-PC,AGAP002272-PB	-	128	2.09E-12	1	1975.909	-0.03	Head	2R:+:18454966-18455016;2R:+:18454966-18455016	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_49857	AHSQGMINQYSGSAPTLR	AGAP002272-PC,AGAP002272-PB	M6(Oxidation)	48	0.000241 815	1	1933.924	3.03	Head	2R:+:18445569-18445622;2R:+:18445569-18445622	exon=> In CDS Exon 12 of transcript AGAP002272-PC;exon=> In CDS Exon 12 of transcript AGAP002272-PB
JHU_Ag_51819	REIVEEIITIK	AGAP002272-PC,AGAP002272-PB	-	62	1.96E-06	1	1342.793	-0.87	Head	2R:+:18454315-18454347;2R:+:18454315-18454347	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_53503	EPDSEPSSLSEATGSSTSR	AGAP002272-PC,AGAP002272-PB	-	78	1.20E-07	2	1923.844	1.2	Head	2R:+:18455200-18455256;2R:+:18455200-18455256	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_64827	SRDVEVLEDKPQYIELAGNLVPVTK	AGAP002272-PC,AGAP002272-PB	-	162	2.78E-16	1	2812.516	2.37	Head	2R:+:18452316-18452390;2R:+:18452316-18452390	exon=> In CDS Exon 14 of transcript AGAP002272-PC;exon=> In CDS Exon 14 of transcript AGAP002272-PB
JHU_Ag_69942	SEVLEQLATEATSVSASSPR	AGAP002272-PC,AGAP002272-PB	-	86	4.06E-08	2	2062.033	1.71	Head	2R:+:18454573-18454632;2R:+:18454573-18454632	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_76402	DVEVLEDKPQYIELAGNLVPVTK	AGAP002272-PC,AGAP002272-PB	-	59	8.68E-06	2	2569.377	0.36	Head	2R:+:18452322-18452390;2R:+:18452322-18452390	exon=> In CDS Exon 14 of transcript AGAP002272-PC;exon=> In CDS Exon 14 of transcript AGAP002272-PB
JHU_Ag_76555	TLEHQEHFTEVAK	AGAP002272-PC,AGAP002272-PB	-	35	0.004967 163	2	1568.771	0.57	Head	2R:+:18452277-18452315;2R:+:18452277-18452315	exon=> In CDS Exon 14 of transcript AGAP002272-PC;exon=> In CDS Exon 14 of transcript AGAP002272-PB
JHU_Ag_80808	EPEEFQGVVEESIK	AGAP002272-PC,AGAP002272-PB	-	54	5.89E-05	1	1619.785	3.14	Head	2R:+:18454789-18454830;2R:+:18454789-18454830	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_90177	VGLQAQPIDPDLTAK	AGAP002272-PC,AGAP002272-PB	-	78	1.13E-07	1	1565.859	3.67	Head	2R:+:18441534-18441545,18445437-18445469;2R:+:18441534-18441545,18445437-18445469	exon=> In CDS Exon 11 and 12 of transcript AGAP002272-PC;exon=> In CDS Exon 11 and 12 of transcript AGAP002272-PB
JHU_Ag_97819	IVDISNLLGEDWIR	AGAP002272-PC,AGAP002272-PB	-	72	7.12E-07	2	1642.881	0.56	Head	2R:+:18452703-18452744;2R:+:18452703-18452744	exon=> In CDS Exon 14 of transcript AGAP002272-PC;exon=> In CDS Exon 14 of transcript AGAP002272-PB
JHU_Ag_99610	DQPPMPAAQPTDGEPSAVDR	AGAP002272-PC,AGAP002272-PB	M5(Oxidation),"M5(Oxidation), Q9(Deamidated)"	87	1.99E-08	1	2094.945	2.31	Head	2R:+:18455929-18455988;2R:+:18455929-18455988	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB

JHU_Ag_102056	VPAALDEPTEPAEQQPVESAVPPVPK	AGAP002272-PC,AGAP002272-PB	-	72	6.77E-07	2	2695.388	2.07	Head	2R:+:18454669-18454746;2R:+:18454669-18454746	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_102493	QLVDDQNYLGELR	AGAP002272-PC,AGAP002272-PB	-	71	1.47E-06	2	1562.792	7.24	Head	2R:+:18452664-18452702;2R:+:18452664-18452702	exon=> In CDS Exon 14 of transcript AGAP002272-PC;exon=> In CDS Exon 14 of transcript AGAP002272-PB
JHU_Ag_103752	GVAVSPVVTVEPR	AGAP002272-PC,AGAP002272-PB	-	89	5.31E-09	1	1309.750	2.13	Head	2R:+:18445482-18445520;2R:+:18445482-18445520	exon=> In CDS Exon 12 of transcript AGAP002272-PC;exon=> In CDS Exon 12 of transcript AGAP002272-PB
JHU_Ag_110128	RVEENVSIDKPVVQETVAR	AGAP002272-PC,AGAP002272-PB	-	67	1.28E-06	1	2168.169	0.99	Head	2R:+:18455806-18455862;2R:+:18455806-18455862	exon=> In CDS Exon 15 of transcript AGAP002272-PC;exon=> In CDS Exon 15 of transcript AGAP002272-PB
JHU_Ag_4163	IVTDLVK	AGAP002273-PA	-	43	0.000212515	1	787.493	1.31	Malpighian tubule	2R:+:18464547-18464567	exon=> In CDS Exon 1 of transcript AGAP002273-PA
JHU_Ag_5338	TTTTATSTTTATK	AGAP002273-PA	-	48	0.000217223	2	1285.655	5.25	Head	2R:+:18463008-18463046	exon=> In CDS Exon 1 of transcript AGAP002273-PA
JHU_Ag_8722	ELTEDTELVEAK	AGAP002273-PA	-	73	1.01E-06	2	1376.680	0.83	Head	2R:+:18465411-18465446	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_13156	VIETVVEK	AGAP002273-PA	-	41	0.001649776	2	916.533	-1.67	Visceras	2R:+:18465447-18465470	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_14630	TDDKPEQDEQPEPSEPVSEVVEK	AGAP002273-PA	-	45	0.000412609	1	2611.193	1.46	Visceras	2R:+:18467460-18467528	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_27518	VEAKPEDKPEQDEQPEPSEPVSEVVEK	AGAP002273-PA	-	101	1.13E-09	1	3048.445	-2.88	Head	2R:+:18485485-18485565	exon=> In CDS Exon 6 of transcript AGAP002273-PA
JHU_Ag_34182	VIETVVEK	AGAP002273-PA	-	50	0.000173285	2	916.536	1.4	Head	2R:+:18465447-18465470	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_34552	QLTEDTELVEAK	AGAP002273-PA	Q1(Deamidated)	72	1.31E-06	2	1376.679	0.21	Visceras	2R:+:18465588-18465623	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_38391	TDDKPEQDEQPEPSEPVSEVVEK	AGAP002273-PA	-	53	6.93E-05	1	2611.189	-0.37	Head	2R:+:18467460-18467528	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_43067	VEAKPDDKPEQDEQLEPSEPVSEVVEK	AGAP002273-PA	-	84	5.23E-08	1	3050.462	-2.35	Head	2R:+:18475053-18475133	exon=> In CDS Exon 3 of transcript AGAP002273-PA
JHU_Ag_48708	VEAKPDDKPEHDEQPEPSEPVSEVVEK	AGAP002273-PA	-	53	7.36E-05	1	3043.434	-1.42	Head	2R:+:18474771-18474851	exon=> In CDS Exon 3 of transcript AGAP002273-PA
JHU_Ag_53837	TDDKPEQDKQPEPSEPVSEVVEK	AGAP002273-PA	Q7(Deamidated)	45	0.000412609	1	2611.193	-12.48	Visceras	2R:+:18465519-18465587	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_62955	VEAKPDDKPEQDEQPEPSEPVSEVVEK	AGAP002273-PA	Q11(Deamidated),Q14(Deamidated)	158	2.63E-15	1	3034.444	1.95	Head	2R:+:18465648-18465728	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_70612	VEAKPDDKPEQDEQPEPSEPVSEVVGK	AGAP002273-PA	-	64	5.55E-06	1	2962.413	-1.37	Head	2R:+:18476439-18476519	exon=> In CDS Exon 3 of transcript AGAP002273-PA
JHU_Ag_71584	TDDKPEQDKQPEPSEPVSEVVEK	AGAP002273-PA	Q7(Deamidated)	53	6.93E-05	1	2611.189	-14.3	Head	2R:+:18465519-18465587	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_71998	VEAKPDDKPEQDEQPEPSEPVSEVVEK ELTEDTELVEAK	AGAP002273-PA	-	127	2.08E-12	1	4392.111	2.66	Head	2R:+:18465966-18466082	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_72911	QLTEDTELVEAK	AGAP002273-PA	Q1(Deamidated)	57	4.13E-05	2	1376.683	2.78	Salivary gland	2R:+:18465588-18465623	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_77336	VIETVVEKVEAK	AGAP002273-PA	-	38	0.001189267	2	1343.781	1.9	Malpighian tubule	2R:+:18465447-18465482	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_80818	VIETVVEKVEAK	AGAP002273-PA	-	75	2.79E-07	2	1343.778	0.18	Visceras	2R:+:18465447-18465482	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_89349	VEAKSDDKPEQDEHPEPSEPVSEVVEK	AGAP002273-PA	Q11(Deamidated)	37	0.00322315	1	3034.440	12.71	Head	2R:+:18477112-18477192	exon=> In CDS Exon 4 of transcript AGAP002273-PA
JHU_Ag_91178	ELTEDTELVEAK	AGAP002273-PA	-	72	1.31E-06	2	1376.679	0.21	Visceras	2R:+:18465411-18465446	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_97037	VIETVVEKVEAKPDDKPEQDEQPEPSEPVSEVVEK	AGAP002273-PA	-	78	1.60E-07	1	3931.956	0.34	Head	2R:+:18465624-18465728	exon=> In CDS Exon 2 of transcript AGAP002273-PA

JHU_Ag_99957	VEVKPDDKPEQDEQPEPSEPVSEVVEK	AGAP002273-PA	-	132	8.17E-13	1	3062.461	-2.75	Head	2R:+:18466107-18466187	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_102115	ELTEDTELVEAK	AGAP002273-PA	-	57	4.13E-05	2	1376.683	2.78	Salivary gland	2R:+:18465411-18465446	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_104661	VEAKPDDKPEQDEHPEPSEPVSEVVEK	AGAP002273-PA	-	71	1.15E-06	1	3043.435	-0.92	Head	2R:+:18476616-18476696	exon=> In CDS Exon 3 of transcript AGAP002273-PA
JHU_Ag_105897	VEAKPDDKPEQDEQPEPSEPVSEVVEK	AGAP002273-PA	-	117	2.94E-11	1	3034.437	-0.23	Visceras	2R:+:18465648-18465728	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_109151	ELTEDTELVK	AGAP002273-PA	-	37	0.003386796	2	1176.601	0.88	Visceras	2R:+:18474393-18474422	exon=> In CDS Exon 3 of transcript AGAP002273-PA
JHU_Ag_109320	VIETVVEKVEAK	AGAP002273-PA	-	99	1.26E-09	1	1343.777	-1.1	Head	2R:+:18465447-18465482	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_109590	QLTEDTELVEAK	AGAP002273-PA	Q1(Deamidated)	74	8.34E-07	2	1376.679	0.21	Head	2R:+:18465588-18465623	exon=> In CDS Exon 2 of transcript AGAP002273-PA
JHU_Ag_110802	VEAKPDDKPEQDEQPELSEPVSEVVEK	AGAP002273-PA	-	73	6.68E-07	1	3050.462	-2.19	Head	2R:+:18477289-18477369	exon=> In CDS Exon 4 of transcript AGAP002273-PA
JHU_Ag_3086	AAGSGPGAAVSFGSNELR	AGAP002274-PB	-	133	8.10E-13	1	1647.810	1.12	Head	2R:+:18494044-18494097	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_3670	GTAATQSYK	AGAP002274-PB	-	43	0.000478984	2	926.459	1.45	Head	2R:+:18494116-18494142	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_5266	LNIEDALTDTEDLMMDGAGQR	AGAP002274-PB	M14(Oxidation), M15(Oxidation)	103	4.10E-10	2	2340.036	1.31	Head	2R:+:18492619-18492681	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_8033	AAGSGPGAAVSFGSNELRR	AGAP002274-PB	-	67	3.47E-06	1	1803.912	1.34	Head	2R:+:18494044-18494100	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_13087	EVDISLDDFLDQGYVDEMTK	AGAP002274-PB	M18(Oxidation)	139	1.37E-13	2	2348.050	0.69	Head	2R:+:18492838-18492897	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_16490	TDIEYLSGDEYVSDR	AGAP002274-PB	-	109	1.28E-10	2	1761.786	2.42	Head	2R:+:18494338-18494382	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_24604	ATIQVPPQHHTGDSAK	AGAP002274-PB	-	100	1.58E-09	1	1686.856	0.37	Head	2R:+:18494290-18494337	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_27865	ALDESGSCEIHDALVGSTR	AGAP002274-PB	C8(Carbamidomethyl)	115	4.31E-11	1	2016.930	0.38	Head	2R:+:18494671-18494727	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_40786	GDGSGEQTANVMPLNHTYLLAR	AGAP002274-PB	M12(Oxidation)	91	1.32E-08	1	2360.132	0.93	Head	2R:+:18493759-18493824	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_67902	TPDIEQALTDFEDLAVNDDEK	AGAP002274-PB	-	133	5.69E-13	1	2378.090	0.78	Head	2R:+:18493825-18493887	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_75390	TPDIEQALTDFEDLAVNDDEKLYDDAK	AGAP002274-PB	-	57	2.36E-05	3	3083.436	4.65	Head	2R:+:18493825-18493905	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_75455	GGGLTDVEDFNASDEEQDGQSPQDVGGEEHSFLPSPTR	AGAP002274-PB	-	114	2.33E-11	1	4003.746	3.14	Head	2R:+:18493627-18493740	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_80957	SGQQALGVPGCPAPTISR	AGAP002274-PB	C11(Carbamidomethyl)	93	6.03E-09	1	1795.912	0.14	Head	2R:+:18494461-18494514	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_88340	RDPEQESMAR	AGAP002274-PB	M8(Oxidation)	36	0.001626452	2	1234.546	-1.78	Head	2R:+:18494614-18494643	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_100584	TVPSPTVCPDGFHSTIK	AGAP002274-PB	C8(Carbamidomethyl)	78	2.66E-07	1	1842.910	2.6	Head	2R:+:18494383-18494433	exon=> In CDS Exon 1 of transcript AGAP002274-PB
JHU_Ag_2994	DEVSMLQSEYSK	AGAP002274-PB,AGAP002274-PA	M5(Oxidation)	62	4.79E-06	2	1431.633	1.23	Head	2R:+:18497364-18497399;2R:+:18497364-18497399	exon=> In CDS Exon 2 of transcript AGAP002274-PB;exon=> In CDS Exon 3 of transcript AGAP002274-PA
JHU_Ag_5110	DSSELVTSEEDISSGAK	AGAP002274-PB,AGAP002274-PA	-	115	4.51E-11	2	1753.805	4.2	Head	2R:+:18499687-18499737;2R:+:18499687-18499737	exon=> In CDS Exon 3 of transcript AGAP002274-PB;exon=> In CDS Exon 4 of transcript AGAP002274-PA
JHU_Ag_5431	DLVEAMQATSLEDVK	AGAP002274-PB,AGAP002274-PA	M6(Oxidation)	132	1.05E-12	1	1664.809	2.58	Head	2R:+:18501139-18501183;2R:+:18501139-18501183	exon=> In CDS Exon 3 of transcript AGAP002274-PB;exon=> In CDS Exon 4 of transcript AGAP002274-PA

JHU_Ag_24114	DSFSSTPDYDLLAK	AGAP002274-PB,AGAP002274-PA	-	40	0.001301936	1	1558.730	1.97	Head	2R:+:18502819-18502860;2R:+:18502819-18502860	exon=> In CDS Exon 3 of transcript AGAP002274-PB;exon=> In CDS Exon 4 of transcript AGAP002274-PA
JHU_Ag_50296	SSLLESFEHQDSIEQYPEPAPVQSAEPDLR	AGAP002274-PB,AGAP002274-PA	-	42	0.000796303	1	3398.611	2.43	Head	2R:+:18499546-18499635;2R:+:18499546-18499635	exon=> In CDS Exon 3 of transcript AGAP002274-PB;exon=> In CDS Exon 4 of transcript AGAP002274-PA
JHU_Ag_58322	IDEAPTAAGSSDSSQLEASPR	AGAP002274-PB,AGAP002274-PA	-	179	2.19E-17	1	2088.973	2.44	Head	2R:+:18500437-18500499;2R:+:18500437-18500499	exon=> In CDS Exon 3 of transcript AGAP002274-PB;exon=> In CDS Exon 4 of transcript AGAP002274-PA
JHU_Ag_64273	DLQQPSESEQYAIR	AGAP002274-PB,AGAP002274-PA	-	86	4.11E-08	1	1663.796	2.14	Head	2R:+:18496947-18496988;2R:+:18496947-18496988	exon=> In CDS Exon 2 of transcript AGAP002274-PB;exon=> In CDS Exon 3 of transcript AGAP002274-PA
JHU_Ag_72284	NQEYDEAISQIK	AGAP002274-PB,AGAP002274-PA	-	43	0.000715042	2	1437.691	3.77	Head	2R:+:18497328-18497363;2R:+:18497328-18497363	exon=> In CDS Exon 2 of transcript AGAP002274-PB;exon=> In CDS Exon 3 of transcript AGAP002274-PA
JHU_Ag_84316	LSADLGPEALLDK	AGAP002274-PB,AGAP002274-PA	-	66	2.28E-06	2	1341.728	1.38	Head	2R:+:18497289-18497327;2R:+:18497289-18497327	exon=> In CDS Exon 2 of transcript AGAP002274-PB;exon=> In CDS Exon 3 of transcript AGAP002274-PA
JHU_Ag_96746	SHGVESVSSSFQEEK	AGAP002274-PB,AGAP002274-PA	-	105	3.13E-10	1	1636.739	-3.62	Head	2R:+:18501064-18501108;2R:+:18501064-18501108	exon=> In CDS Exon 3 of transcript AGAP002274-PB;exon=> In CDS Exon 4 of transcript AGAP002274-PA
JHU_Ag_101974	KHDEDVEK	AGAP002274-PB,AGAP002274-PA	-	34	0.003015314	2	999.472	-2.49	Head	2R:+:18502486-18502509;2R:+:18502486-18502509	exon=> In CDS Exon 3 of transcript AGAP002274-PB;exon=> In CDS Exon 4 of transcript AGAP002274-PA
JHU_Ag_31835	QMLSVVEQER	AGAP002276-PA	M2(Oxidation), Q8(Deamidated)	35	0.004936839	2	1235.605	9.27	Midgut	2R:-:18511585-18511556	exon=> In CDS Exon 2 of transcript AGAP002276-PA
JHU_Ag_81614	QMLSVVEQER	AGAP002276-PA	M2(Oxidation), Q8(Deamidated)	45	0.000613401	2	1235.609	12.43	Ovary	2R:-:18511585-18511556	exon=> In CDS Exon 2 of transcript AGAP002276-PA
JHU_Ag_1829	IAIANAQELVTK	AGAP002277-PA	-	77	1.10E-07	1	1270.738	1.08	Malpighian tubule	2R:+:18513555-18513587,18513671-18513673	exon=> In CDS Exon 1 and 2 of transcript AGAP002277-PA
JHU_Ag_6042	IAIANAQELVTK	AGAP002277-PA	-	109	6.81E-11	1	1270.738	0.98	Head	2R:+:18513555-18513587,18513671-18513673	exon=> In CDS Exon 1 and 2 of transcript AGAP002277-PA
JHU_Ag_7694	MDVSLENLSSSQK	AGAP002277-PA	N-Term(Acetyl), M1(Oxidation)	106	3.14E-10	1	1495.696	1.04	Ovary	2R:+:18513486-18513524	exon=> In CDS Exon 1 of transcript AGAP002277-PA
JHU_Ag_25874	FMDSWNVVSR	AGAP002277-PA	-	47	0.000274543	2	1240.582	3.5	Malpighian tubule	2R:+:18513851-18513880	exon=> In CDS Exon 3 of transcript AGAP002277-PA
JHU_Ag_35436	IAIANAQELVTK	AGAP002277-PA	-	99	7.39E-10	2	1270.734	-1.8	Midgut	2R:+:18513555-18513587,18513671-18513673	exon=> In CDS Exon 1 and 2 of transcript AGAP002277-PA
JHU_Ag_42765	IAIANAQELVTK	AGAP002277-PA	-	79	7.41E-08	2	1270.736	-0.17	Salivary gland	2R:+:18513555-18513587,18513671-18513673	exon=> In CDS Exon 1 and 2 of transcript AGAP002277-PA
JHU_Ag_48694	IAIANAQELVTK	AGAP002277-PA	-	94	2.17E-09	1	1270.738	1.46	Visceras	2R:+:18513555-18513587,18513671-18513673	exon=> In CDS Exon 1 and 2 of transcript AGAP002277-PA
JHU_Ag_74631	FMDSWNVVSR	AGAP002277-PA	M2(Oxidation)	69	1.75E-06	2	1240.577	-0.44	Midgut	2R:+:18513851-18513880	exon=> In CDS Exon 3 of transcript AGAP002277-PA
JHU_Ag_75913	IAIANAQELVTK	AGAP002277-PA	-	89	7.31E-09	1	1270.736	-0.27	Ovary	2R:+:18513555-18513587,18513671-18513673	exon=> In CDS Exon 1 and 2 of transcript AGAP002277-PA
JHU_Ag_77561	IAIANAQELVTKMTEK	AGAP002277-PA	M13(Oxidation)	40	0.000781968	1	1775.959	1.16	Malpighian tubule	2R:+:18513555-18513587,18513671-18513685	exon=> In CDS Exon 1 and 2 of transcript AGAP002277-PA

JHU_Ag_83107	CVGKPGQDLDGSEQK	AGAP002277-PA	C1(Carbamidomethyl)	49	0.000141769	2	1617.759	3.12	Head	2R:+:18513698-18513739,18513824-18513826	exon=> In CDS Exon 2 and 3 of transcript AGAP002277-PA
JHU_Ag_90823	FMDSWNVVSR	AGAP002277-PA	M2(Oxidation)	62	7.46E-06	1	1240.578	0.06	Head	2R:+:18513851-18513880	exon=> In CDS Exon 3 of transcript AGAP002277-PA
JHU_Ag_96761	LQQEQYKG	AGAP002277-PA	-	49	0.00019188	1	993.500	0.16	Ovary	2R:+:18513896-18513919	exon=> In CDS Exon 3 of transcript AGAP002277-PA
JHU_Ag_104031	FMDSWNVVSR	AGAP002277-PA	-	65	3.82E-06	2	1240.577	-0.63	Visceras	2R:+:18513851-18513880	exon=> In CDS Exon 3 of transcript AGAP002277-PA
JHU_Ag_2037	IDFNDVTFGYNAER	AGAP002278-PA	-	79	1.72E-07	1	1660.765	2.98	Malpighian tubule	2R:+:18518738-18518779	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_3234	VGAPEADVIMAAR	AGAP002278-PA	M10(Oxidation)	96	3.53E-09	1	1315.666	-1.13	Midgut	2R:+:18519035-18519073	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_9511	EDQEVVDAPSAPGLAVAR	AGAP002278-PA	-	74	6.86E-07	2	1823.922	4.89	Midgut	2R:+:18518678-18518731	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_18817	GRHDNLLEQSGVYAEMWNQQLK	AGAP002278-PA	M16(Oxidation)	58	2.36E-05	1	2632.253	-1.74	Midgut	2R:+:18519386-18519451	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_19604	QAIGVVPQDTVLFNNTIK	AGAP002278-PA	-	44	0.000205002	1	1957.088	6.41	Head	2R:+:18518960-18519013	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_22904	FYDVNNGSILVDGQNIK	AGAP002278-PA	N6(Deamidated)	75	5.01E-07	2	1896.939	2.78	Pupa	2R:+:18518885-18518935	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_23350	EDQEVVDAPSAPGLAVAR	AGAP002278-PA	-	45	0.000456584	2	1823.917	2.01	Salivary gland	2R:+:18518678-18518731	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_25663	GRIDFNDVTFGYNAER	AGAP002278-PA	-	63	8.62E-06	1	1873.892	4.99	Malpighian tubule	2R:+:18518732-18518779	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_25792	FYDVNNGSILVDGQNIK	AGAP002278-PA	-	92	1.09E-08	2	1895.956	3.5	Head	2R:+:18518885-18518935	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_25987	APGITSTQFTEEYQHLHQAQENR	AGAP002278-PA	-	104	5.64E-10	1	2685.260	-1.99	Midgut	2R:+:18517311-18517379	exon=> In CDS Exon 1 of transcript AGAP002278-PA
JHU_Ag_38016	FYDVNNGSILVDGQNIK	AGAP002278-PA	-	115	5.35E-11	1	1895.961	6.07	Malpighian tubule	2R:+:18518885-18518935	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_44356	ILTFPEQYETQVGER	AGAP002278-PA	-	58	2.87E-05	2	1809.906	2.34	Ovary	2R:+:18519095-18519139	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_46799	TTIIIAHR	AGAP002278-PA	-	43	7.03E-05	2	924.566	3.48	Malpighian tubule	2R:+:18519299-18519322	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_47739	SPAIVLLDEATSALDTQTER	AGAP002278-PA	-	77	2.14E-07	2	2130.106	6.42	Malpighian tubule	2R:+:18519200-18519259	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_49513	STFANAWTK	AGAP002278-PA	-	38	0.002176726	1	1025.509	3.99	Malpighian tubule	2R:+:18517380-18517406	exon=> In CDS Exon 1 of transcript AGAP002278-PA
JHU_Ag_49537	EIELELFR	AGAP002278-PA	-	56	4.22E-05	2	1048.567	-0.54	Midgut	2R:+:18517698-18517721	exon=> In CDS Exon 1 of transcript AGAP002278-PA
JHU_Ag_49881	SPAIVLLDEATSALDTQTER	AGAP002278-PA	-	124	5.20E-12	1	2130.096	1.49	Midgut	2R:+:18519200-18519259	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_50219	TVAIVGPSGAGK	AGAP002278-PA	-	34	0.00354339	1	1056.603	-2.19	Midgut	2R:+:18518822-18518857	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_51456	EDQEVVDAPSAPGLAVAR	AGAP002278-PA	-	84	5.98E-08	2	1823.911	-1.13	Malpighian tubule	2R:+:18518678-18518731	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_54211	VGAPEADVIMAAR	AGAP002278-PA	M10(Oxidation)	53	7.62E-05	1	1315.669	0.81	Salivary gland	2R:+:18519035-18519073	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_54275	QAIGVVPQDTVLFNNTIKYNIQYGR	AGAP002278-PA	-	60	4.37E-06	1	2851.529	6.43	Malpighian tubule	2R:+:18518960-18519034	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_57979	IDFNDVTFGYNAER	AGAP002278-PA	-	47	0.000244014	2	1660.759	-0.55	Midgut	2R:+:18518738-18518779	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_60094	YYGAEQYEVSCYR	AGAP002278-PA	C11(Carbamidomethyl)	103	2.36E-10	2	1687.706	0.08	Midgut	2R:+:18518134-18518172	exon=> In CDS Exon 2 of transcript AGAP002278-PA

JHU_Ag_60260	HLHSLSLR	AGAP002278-PA	-	34	0.002623464	2	962.552	-1.23	Midgut	2R:+:18517722-18517745	exon=> In CDS Exon 1 of transcript AGAP002278-PA
JHU_Ag_60295	ILTFPEQYETQVGER	AGAP002278-PA	-	88	2.33E-08	2	1809.906	2.41	Head	2R:+:18519095-18519139	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_63607	QAIGVVPQDTVLFNNTIK	AGAP002278-PA	-	63	3.48E-06	1	1957.074	-0.82	Midgut	2R:+:18518960-18519013	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_64038	SVDSLLNFETVK	AGAP002278-PA	-	78	2.00E-07	2	1351.709	-1.04	Midgut	2R:+:18518098-18518133	exon=> In CDS Exon 2 of transcript AGAP002278-PA
JHU_Ag_69444	EDQEVVDAPSAPGLAVAR	AGAP002278-PA	-	84	6.62E-08	2	1823.918	2.68	Head	2R:+:18518678-18518731	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_71085	ILTFPEQYETQVGER	AGAP002278-PA	-	98	2.37E-09	1	1809.912	5.44	Malpighian tubule	2R:+:18519095-18519139	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_73989	TTIIIAHR	AGAP002278-PA	-	38	0.000322985	1	924.563	0.38	Head	2R:+:18519299-18519322	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_74371	ILTFPEQYETQVGER	AGAP002278-PA	-	102	9.73E-10	2	1809.903	0.65	Visceras	2R:+:18519095-18519139	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_76383	SPAIVLLDEATSALDTQTER	AGAP002278-PA	-	42	0.00079452	2	2130.092	-0.34	Head	2R:+:18519200-18519259	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_76567	ILTFPEQYETQVGER	AGAP002278-PA	-	80	1.69E-07	2	1809.904	1.33	Salivary gland	2R:+:18519095-18519139	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_79403	TLLPFLWPK	AGAP002278-PA	-	41	0.000343929	2	1114.666	-0.04	Midgut	2R:+:18517413-18517439	exon=> In CDS Exon 1 of transcript AGAP002278-PA
JHU_Ag_80545	YNIQYGR	AGAP002278-PA	-	42	0.000483269	2	913.455	3.11	Malpighian tubule	2R:+:18519014-18519034	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_81525	VGAPEADVIMAAR	AGAP002278-PA	M10(Oxidation)	98	2.36E-09	1	1315.673	4.06	Malpighian tubule	2R:+:18519035-18519073	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_81949	GRIDFNDVTFGYNAER	AGAP002278-PA	-	75	5.21E-07	1	1873.881	-1.03	Midgut	2R:+:18518732-18518779	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_85714	VAAIAAPPAHHHHH	AGAP002278-PA	-	45	0.000407479	1	1465.757	0.39	Midgut	2R:+:18519536-18519577	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_86461	APGITSTQFTEEYQHLHQAQENR	AGAP002278-PA	-	116	3.67E-11	1	2685.258	-2.54	Head	2R:+:18517311-18517379	exon=> In CDS Exon 1 of transcript AGAP002278-PA
JHU_Ag_88213	SPAIVLLDEATSALDTQTER	AGAP002278-PA	-	73	5.73E-07	2	2130.106	6.19	Salivary gland	2R:+:18519200-18519259	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_103909	SVDSLLNFETVK	AGAP002278-PA	-	83	6.04E-08	2	1351.716	3.93	Pupa	2R:+:18518098-18518133	exon=> In CDS Exon 2 of transcript AGAP002278-PA
JHU_Ag_106065	EDQEVVDAPSAPGLAVAR	AGAP002278-PA	-	41	0.001250053	2	1823.915	0.74	Pupa	2R:+:18518678-18518731	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_110228	SFLWIR	AGAP002278-PA	-	36	0.001279391	2	821.468	1.3	Malpighian tubule	2R:+:18517659-18517676	exon=> In CDS Exon 1 of transcript AGAP002278-PA
JHU_Ag_111108	FYDVNNGSILVDGQNIK	AGAP002278-PA	N6(Deamidated)	126	4.23E-12	1	1896.936	0.98	Midgut	2R:+:18518885-18518935	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_112503	ILTFPEQYETQVGER	AGAP002278-PA	-	86	4.51E-08	2	1809.897	-2.86	Midgut	2R:+:18519095-18519139	exon=> In CDS Exon 4 of transcript AGAP002278-PA
JHU_Ag_14094	VSILSQR	AGAP002280-PA	-	45	0.000556997	2	802.468	-12.66	Malpighian tubule	2R:-:18537566-18537546	exon=> In CDS Exon 3 of transcript AGAP002280-PA
JHU_Ag_113495	VSILSQR	AGAP002280-PA	-	45	0.000598794	2	802.479	0.65	Male reproductive organs	2R:-:18537566-18537546	exon=> In CDS Exon 3 of transcript AGAP002280-PA
JHU_Ag_221	LLLMLQSLKR	AGAP002284-PA	-	31	0.000202274	1	1214.769	3.25	Ovary	2R:+:18578308-18578337	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_4304	LAVQESMGALCLK	AGAP002284-PA	C11(Carbamidomethyl)	65	6.22E-06	2	1419.732	-1.34	Ovary	2R:+:18576741-18576779	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_4658	HSELLLYQNSVIQEAGQHEQALQHLK	AGAP002284-PA	-	96	1.74E-09	1	3013.570	6.92	Ovary	2R:+:18576636-18576713	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_6844	QLYQDGDPEAPQLDELIPEK	AGAP002284-PA	-	47	0.000304992	2	2298.123	3.98	Ovary	2R:+:18578125-18578184	exon=> In CDS Exon 4 of transcript AGAP002284-PA

JHU_Ag_10192	DDCDAVYEVAK	AGAP002284-PA	C3(Carbamidomethyl)	79	7.52E-08	2	1284.541	-0.01	Midgut	2R:+:18578545-18578577	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_11168	AMQGEYPQSFCAR	AGAP002284-PA	M2(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	55	1.81E-05	1	1560.659	1.48	Ovary	2R:+:18576915-18576953	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_11437	GLTLNCLGR	AGAP002284-PA	C6(Carbamidomethyl)	42	0.001350695	2	1003.536	0.74	Ovary	2R:+:18576234-18576260	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_13747	ANQIKEAEEICAK	AGAP002284-PA	C11(Carbamidomethyl)	81	1.32E-07	1	1503.754	4.7	Malpighian tubule	2R:+:18577446-18577484	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_16042	AMQGEYPQSFCAR	AGAP002284-PA	M2(Oxidation), C11(Carbamidomethyl)	50	5.37E-05	2	1560.661	2.81	Malpighian tubule	2R:+:18576915-18576953	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_17679	KIDATNAILHSCIVR	AGAP002284-PA	C12(Carbamidomethyl)	59	7.98E-06	1	1710.936	2.11	Salivary gland	2R:+:18578344-18578388	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_18545	LARPDDPLEK	AGAP002284-PA	-	48	0.000121609	1	1153.627	4.8	Ovary	2R:+:18578185-18578214	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_18724	AIEFLKPLQLLAK	AGAP002284-PA	-	70	2.47E-08	1	1483.922	-1.73	Midgut	2R:+:18578215-18578253	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_20779	KIDATNAILHSCIVR	AGAP002284-PA	C12(Carbamidomethyl)	97	1.69E-09	1	1710.931	-0.56	Ovary	2R:+:18578344-18578388	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_24546	LASTADTADVDPSVR	AGAP002284-PA	-	58	3.03E-05	2	1517.743	-0.78	Salivary gland	2R:+:18578413-18578457	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_26059	IFLLLK	AGAP002284-PA	-	32	0.000244945	1	746.518	1.23	Salivary gland	2R:+:18578789-18578806	exon=> In CDS Exon 5 of transcript AGAP002284-PA
JHU_Ag_27705	AIEFLKPLQLLAK	AGAP002284-PA	-	56	6.74E-07	1	1483.924	-0.47	Head	2R:+:18578215-18578253	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_30411	LASTADTADVDPSVR	AGAP002284-PA	-	78	2.72E-07	2	1517.742	-1.18	Pupa	2R:+:18578413-18578457	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_31435	HAGDVLEAVK	AGAP002284-PA	-	58	1.38E-05	1	1038.555	-2.92	Head	2R:+:18577341-18577370	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_33807	ANRDDCDAVYEVAK	AGAP002284-PA	C6(Carbamidomethyl)	35	0.003028804	1	1625.730	4.34	Malpighian tubule	2R:+:18578536-18578577	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_34721	ANRDDCDAVYEVAK	AGAP002284-PA	C6(Carbamidomethyl)	44	0.000352434	2	1625.722	-0.32	Ovary	2R:+:18578536-18578577	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_35746	KIPLEK	AGAP002284-PA	-	30	0.002840297	2	727.479	10.25	Head	2R:+:18578650-18578664,18578777-18578779	exon=> In CDS Exon 4 and 5 of transcript AGAP002284-PA
JHU_Ag_36991	AIEFLKPLQLLAK	AGAP002284-PA	-	44	7.57E-06	1	1483.927	1.75	Malpighian tubule	2R:+:18578215-18578253	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_39148	SYVGLLRLEDVLR	AGAP002284-PA	-	42	0.000116959	2	1532.889	6.13	Malpighian tubule	2R:+:18577692-18577730	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_42027	SHVCWHVYGLLQR	AGAP002284-PA	C4(Carbamidomethyl)	79	1.96E-07	1	1654.835	4.46	Ovary	2R:+:18576312-18576350	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_42246	LPLDIATGDTFR	AGAP002284-PA	-	76	3.41E-07	1	1318.708	6.04	Malpighian tubule	2R:+:18576957-18576992	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_43327	RLPLDIATGDTFR	AGAP002284-PA	-	61	9.94E-06	1	1474.807	3.55	Ovary	2R:+:18576954-18576992	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_43897	HSELLLYQNSVIQEAGQHEQALQHLK	AGAP002284-PA	-	45	0.00027443	1	3013.551	0.52	Malpighian tubule	2R:+:18576636-18576713	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_45520	IFLLLK	AGAP002284-PA	-	32	0.000242699	1	746.518	0.74	Male reproductive organs	2R:+:18578789-18578806	exon=> In CDS Exon 5 of transcript AGAP002284-PA
JHU_Ag_46528	AIEFLKPLQLLAK	AGAP002284-PA	-	18	0.003507761	1	1483.928	2.12	Larva	2R:+:18578215-18578253	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_47805	ENLFHGEPNATALNDAYLK	AGAP002284-PA	-	36	0.003527884	1	2117.037	3.37	Ovary	2R:+:18578479-18578535	exon=> In CDS Exon 4 of transcript AGAP002284-PA

JHU_Ag_48600	WLDEAQSLDTADR	AGAP002284-PA	-	85	3.39E-08	1	1519.704	1.07	Ovary	2R:+:18577371-18577409	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_51673	KIDATNAILHSCIVR	AGAP002284-PA	C12(Carbamidomethyl)	67	1.33E-06	1	1710.936	2.54	Malpighian tubule	2R:+:18578344-18578388	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_52852	WLDEAQSLDTADRYINSK	AGAP002284-PA	-	58	2.95E-05	1	2125.020	0.33	Ovary	2R:+:18577371-18577424	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_53728	AIEFLKPLQLLAK	AGAP002284-PA	-	73	1.00E-08	1	1483.930	3.42	Ovary	2R:+:18578215-18578253	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_55841	LASTADTADVDPSVR	AGAP002284-PA	-	75	5.55E-07	2	1517.746	1.23	Ovary	2R:+:18578413-18578457	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_56831	QLSEPAELIEAYR	AGAP002284-PA	-	77	3.38E-07	1	1518.780	0.11	Ovary	2R:+:18576876-18576914	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_66514	QLSEPAELIEAYR	AGAP002284-PA	-	51	0.000122687	1	1518.788	5.41	Malpighian tubule	2R:+:18576876-18576914	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_70007	HEEAETIFK	AGAP002284-PA	-	42	0.000833942	2	1103.534	-2.89	Head	2R:+:18576789-18576815	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_73990	IFLLLK	AGAP002284-PA	-	32	0.000232846	1	746.520	3.77	Ovary	2R:+:18578789-18578806	exon=> In CDS Exon 5 of transcript AGAP002284-PA
JHU_Ag_75182	LGRHEEAETIFK	AGAP002284-PA	-	40	0.001341765	2	1429.749	3.92	Malpighian tubule	2R:+:18576780-18576815	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_77494	LFDKPLAAESAVEELDIENLPAPELK	AGAP002284-PA	-	72	4.52E-07	1	2851.503	1.7	Head	2R:+:18577867-18577918,18578000-18578025	exon=> In CDS Exon 3 and 4 of transcript AGAP002284-PA
JHU_Ag_78515	LLLMLQSLK	AGAP002284-PA	-	50	8.46E-06	2	1058.664	0.08	Ovary	2R:+:18578308-18578334	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_83639	LASTADTADVDPSVR	AGAP002284-PA	-	98	2.65E-09	1	1517.749	3.16	Malpighian tubule	2R:+:18578413-18578457	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_85520	LPLDIATGDTFR	AGAP002284-PA	-	76	3.38E-07	1	1318.703	1.78	Salivary gland	2R:+:18576957-18576992	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_90715	DNIETHLMAFEIYLR	AGAP002284-PA	M8(Oxidation)	45	0.00048811	1	1880.928	3.43	Ovary	2R:+:18578254-18578298	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_91148	LFDKPLAAESAVEELDIENLPAPELKK	AGAP002284-PA	-	102	3.40E-10	1	2979.592	-0.24	Ovary	2R:+:18577867-18577918,18578000-18578028	exon=> In CDS Exon 3 and 4 of transcript AGAP002284-PA
JHU_Ag_92817	ATKIFLLLK	AGAP002284-PA	-	22	0.00127947	1	1046.701	3.18	Malpighian tubule	2R:+:18578780-18578806	exon=> In CDS Exon 5 of transcript AGAP002284-PA
JHU_Ag_97452	VLEQRLASTADTADVDPSVR	AGAP002284-PA	-	40	0.001237847	1	2143.106	3.03	Malpighian tubule	2R:+:18578398-18578457	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_100458	RLPLDIATGDTFR	AGAP002284-PA	-	48	0.000157105	1	1474.809	5.45	Malpighian tubule	2R:+:18576954-18576992	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_100622	IFLLLK	AGAP002284-PA	-	26	0.000859148	2	746.518	0.81	Pupa	2R:+:18578789-18578806	exon=> In CDS Exon 5 of transcript AGAP002284-PA
JHU_Ag_100946	LASTADTADVDPSVR	AGAP002284-PA	-	92	1.11E-08	2	1517.747	1.96	Head	2R:+:18578413-18578457	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_106783	LFDKPLAAESAVEELDIENLPAPELK	AGAP002284-PA	-	50	7.03E-05	1	2851.497	-0.36	Ovary	2R:+:18577867-18577918,18578000-18578025	exon=> In CDS Exon 3 and 4 of transcript AGAP002284-PA
JHU_Ag_109839	ALIDRNPDNTEYYR	AGAP002284-PA	-	79	1.90E-07	1	1739.841	3.38	Malpighian tubule	2R:+:18576816-18576857	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_111326	LFDKPLAAESAVEELDIENLPAPELKK	AGAP002284-PA	-	71	3.73E-07	1	2979.605	4.26	Malpighian tubule	2R:+:18577867-18577918,18578000-18578028	exon=> In CDS Exon 3 and 4 of transcript AGAP002284-PA
JHU_Ag_111807	AIEFLKPLQLLAK	AGAP002284-PA	-	50	1.11E-06	1	1483.944	12.99	Salivary gland	2R:+:18578215-18578253	exon=> In CDS Exon 4 of transcript AGAP002284-PA
JHU_Ag_112122	AGYFGQCDEQLAAFK	AGAP002284-PA	C7(Carbamidomethyl)	80	9.32E-08	2	1704.775	3.59	Ovary	2R:+:18578807-18578851	exon=> In CDS Exon 5 of transcript AGAP002284-PA

JHU_Ag_113307	LPLDIATGDTFR	AGAP002284-PA	-	85	4.87E-08	1	1318.703	2.34	Ovary	2R:+:18576957-18576992	exon=> In CDS Exon 2 of transcript AGAP002284-PA
JHU_Ag_23984	EIYLK	AGAP002285-PB,AGAP002285-PA	-	31	0.005633441	1	665.389	2.52	Larva	2R:+:18580720-18580734;2R:+:18580720-18580734	exon=> In CDS Exon 2 of transcript AGAP002285-PB;exon=> In CDS Exon 2 of transcript AGAP002285-PA
JHU_Ag_81545	IVIAAAR	AGAP002286-PA	-	31	0.002428632	1	713.467	-0.2	Salivary gland	2R:-:18585849-18585829	exon=> In CDS Exon 2 of transcript AGAP002286-PA
JHU_Ag_74493	EIGILK	AGAP002287-PA	-	34	0.00168449	1	672.428	-1.75	Head	2R:+:18587089-18587106	exon=> In CDS Exon 1 of transcript AGAP002287-PA
JHU_Ag_78653	VVTVLLAALR	AGAP002287-PA	-	54	1.10E-06	2	1054.699	0.29	Ovary	2R:+:18590267-18590296	exon=> In CDS Exon 5 of transcript AGAP002287-PA
JHU_Ag_19232	GSTDQQLITLFNENYVPVNCR	AGAP002289-PA	C20(Carbamidomethyl)	71	1.19E-06	2	2468.208	8.31	Malpighian tubule	2R:-:18631905-18631843	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_24184	NHYFAVANTK	AGAP002289-PA	-	40	0.001893495	1	1164.581	1.24	Salivary gland	2R:-:18631617-18631588	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_26464	GLAVIQDDFSTVCSWK	AGAP002289-PA	C13(Carbamidomethyl)	107	3.25E-10	2	1825.884	2.92	Head	2R:-:18631167-18631120	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_32243	SYLITYDDLDPLSK	AGAP002289-PA	-	85	4.46E-08	2	1642.825	2.23	Salivary gland	2R:-:18630783-18630742	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_39461	SSLEGVWQFAYQNR	AGAP002289-PA	-	86	3.52E-08	1	1684.814	3.8	Head	2R:-:18631842-18631801	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_39815	SYLITYDDLDPLSK	AGAP002289-PA	-	81	1.13E-07	2	1642.826	3.05	Head	2R:-:18630783-18630742	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_42416	SSLEGVWQFAYQNR	AGAP002289-PA	-	88	2.36E-08	2	1684.811	1.77	Salivary gland	2R:-:18631842-18631801	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_43305	GSTDQQLITLFNENYVPVNCR	AGAP002289-PA	C20(Carbamidomethyl)	58	2.51E-05	2	2468.193	2.08	Ovary	2R:-:18631905-18631843	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_49754	NHYFAVANTK	AGAP002289-PA	-	54	7.64E-05	1	1164.579	-0.33	Head	2R:-:18631617-18631588	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_58101	SSLEGVWQFAYQNR	AGAP002289-PA	-	52	0.000111819	2	1684.816	4.67	Pupa	2R:-:18631842-18631801	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_59511	YDLLLAAKPVPIR	AGAP002289-PA	-	62	6.76E-07	1	1468.889	0.52	Visceras	2R:-:18631092-18631054	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_60161	YDLLLAAKPVPIR	AGAP002289-PA	-	82	8.09E-09	1	1468.892	1.94	Salivary gland	2R:-:18631092-18631054	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_65727	YESVCVTIGPNEEPTIER	AGAP002289-PA	C5(Carbamidomethyl)	48	0.000279744	1	2092.988	1.17	Salivary gland	2R:-:18632047-18632283,18630418-18631915	exon=> In CDS Exon 3 and 2 of transcript AGAP002289-PA
JHU_Ag_66214	SSLEGVWQFAYQNRFR	AGAP002289-PA	-	36	0.004096512	1	1987.982	2.46	Malpighian tubule	2R:-:18631842-18631795	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_74025	SYLITYDDLDPLSK	AGAP002289-PA	-	54	6.65E-05	2	1642.830	5.13	Larva	2R:-:18630783-18630742	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_79008	SSLEGVWQFAYQNR	AGAP002289-PA	-	82	1.06E-07	2	1684.812	2.35	Ovary	2R:-:18631842-18631801	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_79623	SYLITYDDLDPLSK	AGAP002289-PA	-	65	5.07E-06	2	1642.823	1.34	Visceras	2R:-:18630783-18630742	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_80601	YDLLLAAKPVPIR	AGAP002289-PA	-	61	9.46E-07	1	1468.888	-0.42	Pupa	2R:-:18631092-18631054	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_84154	FTGECDHPDAR	AGAP002289-PA	C5(Carbamidomethyl)	51	1.55E-05	1	1304.534	1.15	Pupa	2R:-:18631794-18631762	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_101225	SYLITYDDLDPLSK	AGAP002289-PA	-	39	0.00211973	2	1642.825	2.23	Ovary	2R:-:18630783-18630742	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_109034	YDLLLAAKPVPIR	AGAP002289-PA	-	53	6.67E-06	2	1468.891	1.27	Head	2R:-:18631092-18631054	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_111274	GLAVIQDDFSTVCSWK	AGAP002289-PA	C13(Carbamidomethyl)	76	3.86E-07	2	1825.882	1.38	Ovary	2R:-:18631167-18631120	exon=> In CDS Exon 3 of transcript AGAP002289-PA

JHU_Ag_116342	GLAVIQDDFSTVCSWK	AGAP002289-PA	C13(Carbamidomethyl)	93	7.73E-09	2	1825.886	3.99	Visceras	2R:-:18631167-18631120	exon=> In CDS Exon 3 of transcript AGAP002289-PA
JHU_Ag_30038	LLEIGEQPLGYAAAK	AGAP002290-PA	-	37	0.001729112	2	1572.865	1.05	Ovary	2R:+:18635709-18635753	exon=> In CDS Exon 2 of transcript AGAP002290-PA
JHU_Ag_112133	TPLTSFVLNTSSPGK	AGAP002290-PA	-	83	5.49E-08	2	1548.829	1.24	Ovary	2R:+:18636783-18636827	exon=> In CDS Exon 2 of transcript AGAP002290-PA
JHU_Ag_229	SLLLYLPLQQQQQQQHQQPQSGSTK	AGAP002291-PA	-	87	1.70E-08	1	2906.520	2.59	Head	2R:-:18642977-18642903	exon=> In CDS Exon 3 of transcript AGAP002291-PA
JHU_Ag_1220	LVLVPTLLR	AGAP002291-PA	-	24	0.000542115	1	1023.695	2.17	Malpighian tubule	2R:-:18643004-18642978	exon=> In CDS Exon 3 of transcript AGAP002291-PA
JHU_Ag_14063	GYPISITTFIGAK	AGAP002291-PA	-	47	0.000107686	2	1367.764	5.28	Head	2R:-:18641873-18641835	exon=> In CDS Exon 4 of transcript AGAP002291-PA
JHU_Ag_22315	DLFETVGQVIGR	AGAP002291-PA	-	76	4.17E-07	2	1333.710	-1.19	Head	2R:-:18642005-18641970	exon=> In CDS Exon 4 of transcript AGAP002291-PA
JHU_Ag_23004	TPAVSYAELR	AGAP002291-PA	-	41	0.001168534	2	1106.585	0.5	Head	2R:-:18644222-18644193	exon=> In CDS Exon 2 of transcript AGAP002291-PA
JHU_Ag_27486	DETGRPVGVSLNFDAHDEPEVTVTSK	AGAP002291-PA	-	90	1.61E-08	1	2799.355	4.19	Head	2R:-:18641466-18641389	exon=> In CDS Exon 5 of transcript AGAP002291-PA
JHU_Ag_31282	SDTINIITSSFFEK	AGAP002291-PA	-	45	0.000530068	2	1601.814	5.36	Pupa	2R:-:18641687-18642073,18641342-18641578	exon=> In CDS Exon 5 and 4 of transcript AGAP002291-PA
JHU_Ag_57711	LCPLQPTLLHR	AGAP002291-PA	C2(Carbamidomethyl)	56	2.07E-05	1	1347.758	0.79	Head	2R:-:18648023-18647991	exon=> In CDS Exon 1 of transcript AGAP002291-PA
JHU_Ag_67142	VPIGYPLDNTTIYIMSPDLRPVR	AGAP002291-PA	M15(Oxidation)	60	6.79E-06	1	2646.405	3.37	Head	2R:-:18642713-18642645	exon=> In CDS Exon 3 of transcript AGAP002291-PA
JHU_Ag_72951	SDTINIITSSFFEK	AGAP002291-PA	-	76	3.83E-07	2	1601.815	5.59	Head	2R:-:18641687-18642073,18641342-18641578	exon=> In CDS Exon 5 and 4 of transcript AGAP002291-PA
JHU_Ag_73196	NFAGIFTTNTNPLTQQLGSNVYR	AGAP002291-PA	-	115	4.28E-11	2	2556.283	-0.66	Head	2R:-:18641121-18641053	exon=> In CDS Exon 6 of transcript AGAP002291-PA
JHU_Ag_96142	LVLVPTLLR	AGAP002291-PA	-	30	0.000147262	2	1023.693	0.86	Head	2R:-:18643004-18642978	exon=> In CDS Exon 3 of transcript AGAP002291-PA
JHU_Ag_96667	HQLESANGNAEEGEFDYR	AGAP002291-PA	-	82	2.92E-08	2	2065.880	-2.42	Head	2R:-:18641780-18641727	exon=> In CDS Exon 4 of transcript AGAP002291-PA
JHU_Ag_106034	LVLVPTLLR	AGAP002291-PA	-	31	0.000108166	2	1023.694	1.45	Pupa	2R:-:18643004-18642978	exon=> In CDS Exon 3 of transcript AGAP002291-PA
JHU_Ag_111721	LVTTLLAIWK	AGAP002291-PA	-	57	1.98E-06	2	1157.728	-1.49	Head	2R:-:18644381-18644352	exon=> In CDS Exon 2 of transcript AGAP002291-PA
JHU_Ag_30414	DSVGENHQRPPFAPR	AGAP002292-PA	-	98	3.33E-09	1	1706.838	1.23	Head	2R:-:18670219-18670175	exon=> In CDS Exon 3 of transcript AGAP002292-PA
JHU_Ag_46493	LATELVQGAPYMVLLVTAKPR	AGAP002292-PA	-	33	0.000697162	1	2270.303	3.67	Head	2R:-:18670406-18670643,18670091-18670271	exon=> In CDS Exon 3 and 2 of transcript AGAP002292-PA
JHU_Ag_75202	GESPDSTGPDSDTLR	AGAP002292-PA	-	102	4.31E-10	1	1533.666	-0.23	Head	2R:-:18670607-18670563	exon=> In CDS Exon 2 of transcript AGAP002292-PA
JHU_Ag_75626	KPQPIFYHTTSPR	AGAP002292-PA	-	81	9.77E-08	1	1571.836	1.79	Head	2R:-:18670270-18670232	exon=> In CDS Exon 3 of transcript AGAP002292-PA
JHU_Ag_96208	GESPDSTGPDSDTLRR	AGAP002292-PA	-	60	1.29E-05	1	1689.768	0.56	Head	2R:-:18670607-18670560	exon=> In CDS Exon 2 of transcript AGAP002292-PA
JHU_Ag_107422	TIAADLHDDLVEEFDAEPLGYAGEPPQK	AGAP002292-PA	-	126	3.56E-12	1	3040.448	1.79	Head	2R:-:18670490-18670407	exon=> In CDS Exon 2 of transcript AGAP002292-PA
JHU_Ag_106315	HGAVPLDTPVFER	AGAP002294-PA	-	55	3.92E-05	2	1437.745	-2.19	Head	2R:-:18684958-18684920	exon=> In CDS Exon 1 of transcript AGAP002294-PA

JHU_Ag_42398	YDLTVPFAR	AGAP002294-PA,AGAP000735-PB,AGAP000735-PA	-	40	0.001058517	2	1081.567	-0.26	Pupa	2R:-:18684832-18684806;X:-:13426862-13426836;X:-:13426862-13426836	exon=> In CDS Exon 1 of transcript AGAP002294-PA;exon=> In CDS Exon 2 of transcript AGAP000735-PB;exon=> In CDS Exon 2 of transcript AGAP000735-PA
JHU_Ag_100949	HFVEPLLLLTQKPELSEEEK	AGAP002295-PA	-	29	0.006893313	1	2379.282	0.68	Head	2R:+:18687117-18687176	exon=> In CDS Exon 1 of transcript AGAP002295-PA
JHU_Ag_52043	IGLQFLLK	AGAP002300-PA,AGAP002300-PB	-	47	1.49E-05	2	931.598	0.15	Ovary	2R:+:19038543-19038566;2R:+:19038543-19038566	exon=> In CDS Exon 3 of transcript AGAP002300-PA;exon=> In CDS Exon 3 of transcript AGAP002300-PB
JHU_Ag_60389	ANQVLHIIANILQLQGVQGNILHRDPDER	AGAP002300-PA,AGAP002300-PB	-	72	1.22E-07	1	3274.795	5.41	Ovary	2R:+:19037564-19037631,19037729-19037747;2R:+:19037564-19037631,19037729-19037747	exon=> In CDS Exon 2 and 3 of transcript AGAP002300-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002300-PB
JHU_Ag_75893	TPLMYVDQESQLAELVR	AGAP002300-PA,AGAP002300-PB	M4(Oxidation)	93	7.19E-09	1	2008.011	2.74	Ovary	2R:+:19038198-19038248;2R:+:19038198-19038248	exon=> In CDS Exon 3 of transcript AGAP002300-PA;exon=> In CDS Exon 3 of transcript AGAP002300-PB
JHU_Ag_80962	ATLITGTNIARPQVK	AGAP002300-PA,AGAP002300-PB	-	79	4.18E-08	1	1582.930	1.28	Ovary	2R:+:19037934-19037978;2R:+:19037934-19037978	exon=> In CDS Exon 3 of transcript AGAP002300-PA;exon=> In CDS Exon 3 of transcript AGAP002300-PB
JHU_Ag_57067	ITESLWPIFK	AGAP002301-PA	-	37	0.001997482	2	1233.689	1.15	Ovary	2R:-:19036461-19036432	exon=> In CDS Exon 2 of transcript AGAP002301-PA
JHU_Ag_75866	YIYDLFYR	AGAP002301-PA	-	38	0.002162604	1	1152.575	2.12	Ovary	2R:-:19036410-19036387	exon=> In CDS Exon 2 of transcript AGAP002301-PA
JHU_Ag_108697	IADSNLIAK	AGAP002301-PA	-	37	0.003006939	2	944.543	1.57	Ovary	2R:-:19036338-19036312	exon=> In CDS Exon 2 of transcript AGAP002301-PA
JHU_Ag_22259	AGEVLVDALPYIDLGYDDPGVR	AGAP002305-PA	N-Term(Acetyl)	101	1.25E-09	1	2389.196	1.48	Ovary	2R:-:19053663-19053598	exon=> In CDS Exon 1 of transcript AGAP002305-PA
JHU_Ag_734	APIRPDVVNEVSQLMRR	AGAP002306-PA	-	56	1.10E-05	1	1980.087	3.26	Malpighian tubule	2R:+:19054855-19054905	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_770	SLTAARPLVSVYSDK	AGAP002306-PA	N-Term(Acetyl)	96	2.56E-09	1	1648.891	0.24	Midgut	2R:+:19054762-19054806	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_980	LAPGGHVGR	AGAP002306-PA	-	48	0.000106461	2	863.485	0.43	Midgut	2R:+:19055572-19055598	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_1196	DKGVALPAIFK	AGAP002306-PA	-	29	0.005107422	1	1158.693	3.97	Head	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_4154	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	126	1.65E-12	1	2190.179	1.3	Ovary	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_4398	SGQGAYGNMCR	AGAP002306-PA	M9(Oxidation), C10(Carbamidomethyl)	46	3.18E-05	1	1216.483	-0.08	Salivary gland	2R:+:19055026-19055058	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_4661	LNPLTNKEQMLK	AGAP002306-PA	M10(Oxidation)	43	0.000531391	2	1444.788	3.2	Ovary	2R:+:19055800-19055835	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_5516	LDGLYGTWEK	AGAP002306-PA	-	53	8.29E-05	1	1181.584	0.6	Midgut	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_5701	VADFKASGK	AGAP002306-PA	-	62	7.05E-06	1	922.502	2.92	Malpighian tubule	2R:+:19056043-19056069	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_6619	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	64	4.59E-06	1	2264.041	3.67	Male reproductive organs	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_9184	GPLIIYDR	AGAP002306-PA	-	51	6.36E-05	2	946.535	-1.08	Pupa	2R:+:19055470-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_9347	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	55	4.12E-05	1	1311.640	-0.14	Midgut	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA

JHU_Ag_9777	KGYNLPTPIMANTDLTR	AGAP002306-PA	M10(Oxidation)	74	5.28E-07	1	1920.991	2.98	Salivary gland	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_10013	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	130	1.07E-12	1	2264.033	0.03	Pupa	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_10212	RGPLIIYDR	AGAP002306-PA	-	46	0.000186631	1	1102.638	1.41	Head	2R:+:19055467-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_10328	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	112	4.53E-11	1	1823.986	3.51	Visceras	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_10907	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	91	6.04E-09	2	2148.164	4.12	Salivary gland	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_11098	GPLIIYDR	AGAP002306-PA	-	46	0.000195114	1	946.536	0.33	Ovary	2R:+:19055470-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_11527	ININLKR	AGAP002306-PA	-	43	0.000200627	2	870.552	0.13	Pupa	2R:+:19055110-19055130	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_12583	LDGLYGTWEK	AGAP002306-PA	-	53	8.03E-05	1	1181.581	-2.25	Pupa	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_12595	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	109	1.37E-10	1	1839.973	-1.1	Male reproductive organs	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_13059	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	109	1.37E-10	1	1839.965	-5.18	Salivary gland	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_13816	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	52	8.42E-05	1	1311.642	1.16	Malpighian tubule	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_15040	RGPLIIYDR	AGAP002306-PA	-	31	0.005132202	1	1102.641	3.4	Larva	2R:+:19055467-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_16122	QAVTFLR	AGAP002306-PA	Q1(Deamidated)	56	2.11E-05	2	834.483	-0.42	Pupa	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_16862	DKGVALPAIFK	AGAP002306-PA	-	52	2.67E-05	1	1158.688	0.18	Midgut	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_17054	LDGLYGTWEKR	AGAP002306-PA	-	50	0.00015177	1	1337.688	2.45	Ovary	2R:+:19055632-19055664	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_19208	RLNPLTNK	AGAP002306-PA	-	39	0.00073857	2	955.571	2.45	Larva	2R:+:19055797-19055820	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_19609	ININLK	AGAP002306-PA	-	33	0.002353736	2	714.451	0.05	Visceras	2R:+:19055110-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_21422	YALVSALAASGVPALVQSR	AGAP002306-PA	-	131	3.09E-13	1	1873.059	2.46	Visceras	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_21966	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	152	8.04E-15	1	2264.033	-0.05	Visceras	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_22293	GPLIIYDRDEGLR	AGAP002306-PA	-	61	8.85E-06	1	1516.813	1	Midgut	2R:+:19055470-19055508	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_22580	VWADVQK	AGAP002306-PA	-	46	0.000437557	1	845.451	-0.91	Visceras	2R:+:19055380-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_23092	DKGVALPAIFK	AGAP002306-PA	-	52	2.69E-05	1	1158.688	0.08	Salivary gland	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_24221	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	146	2.91E-14	1	2264.037	2.05	Ovary	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_24222	LNPLTNKEQMLK	AGAP002306-PA	M10(Oxidation)	73	5.81E-07	1	1444.783	0.41	Salivary gland	2R:+:19055800-19055835	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_24494	ININLK	AGAP002306-PA	-	31	0.003513645	1	714.450	-1.06	Ovary	2R:+:19055110-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_25377	KGYNLPTPIMANTDLTR	AGAP002306-PA	M10(Oxidation)	94	5.58E-09	1	1920.984	-0.36	Midgut	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_25452	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	145	3.68E-14	1	2264.031	-0.7	Midgut	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA

JHU_Ag_25732	YALVSALAASGVPALVQSR	AGAP002306-PA	-	120	4.04E-12	1	1873.055	0.41	Male reproductive organs	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_25742	RGPLIIYDR	AGAP002306-PA	-	41	0.000555885	1	1102.638	1.52	Visceras	2R:+:19055467-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_25959	VLRAPR	AGAP002306-PA	-	26	0.001562836	2	711.463	0.41	Malpighian tubule	2R:+:19055755-19055772	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_26248	LNPYAAVTK	AGAP002306-PA	-	36	0.003049825	2	976.545	-1.55	Ovary	2R:+:19055836-19055862	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_27806	SKVWADVQK	AGAP002306-PA	-	53	8.99E-05	1	1060.578	-0.54	Midgut	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_28127	SGQGAYGNMCR	AGAP002306-PA	C10(Carbamidomethyl)	41	0.000201246	2	1200.488	-0.35	Visceras	2R:+:19055026-19055058	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_28419	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	108	1.30E-10	2	2148.160	2.52	Pupa	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_28426	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	117	1.56E-11	2	2148.162	3.32	Midgut	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_28512	AVVFVEK	AGAP002306-PA	-	36	0.002029191	1	791.466	0.12	Pupa	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_28699	KKPLDAK	AGAP002306-PA	-	35	0.001271164	2	799.502	-1.77	Head	2R:+:19055929-19055949	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_28701	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	Q19(Deamidated)	152	4.38E-15	1	2148.158	1.39	Ovary	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_28944	DKGVALPAIFK	AGAP002306-PA	-	44	0.000177098	1	1158.690	1.45	Visceras	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_29840	LAPGGHVGR	AGAP002306-PA	-	38	0.001074457	2	863.485	0.85	Male reproductive organs	2R:+:19055572-19055598	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_30025	RQAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	149	1.89E-14	1	2420.132	-0.6	Visceras	2R:+:19054912-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_30205	QAVTFLR	AGAP002306-PA	Q1(Deamidated)	55	2.45E-05	2	834.485	2.14	Malpighian tubule	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_31345	KGYNLPTPIMANTDLTR	AGAP002306-PA	M10(Oxidation)	100	1.01E-09	1	1904.993	1.81	Ovary	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_31395	GVALPAIFK	AGAP002306-PA	-	31	0.003016164	1	915.572	5.81	Pupa	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_32598	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	133	5.90E-13	1	2264.042	4.23	Head	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_32969	QAVTFLR	AGAP002306-PA	Q1(Deamidated)	59	1.13E-05	2	834.484	1.11	Visceras	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_33028	LAPGGHVGR	AGAP002306-PA	-	56	1.65E-05	1	863.485	0.08	Malpighian tubule	2R:+:19055572-19055598	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_33104	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	76	4.63E-07	2	1792.897	3.98	Head	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_33130	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	64	6.35E-06	1	1792.894	2.28	Malpighian tubule	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_33932	LAPGGHVGR	AGAP002306-PA	-	38	0.001213917	2	863.484	-0.84	Head	2R:+:19055572-19055598	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_35360	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	59	1.64E-05	1	1311.641	0.88	Salivary gland	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_36993	AVVFVEK	AGAP002306-PA	-	39	0.000916902	2	791.466	-0.36	Salivary gland	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_37288	KININLK	AGAP002306-PA	-	33	0.002199081	2	842.546	0.62	Ovary	2R:+:19055107-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA

JHU_Ag_37603	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	61	1.26E-05	2	1792.897	3.98	Male reproductive organs	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_37634	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	94	6.84E-09	2	1776.897	1.36	Midgut	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_38033	LDGLYGTWEK	AGAP002306-PA	-	46	0.000410109	2	1181.584	-0.08	Male reproductive organs	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_38383	LNPLTNKEQMLK	AGAP002306-PA	M10(Oxidation)	82	6.32E-08	1	1428.787	-0.58	Malpighian tubule	2R:+:19055800-19055835	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_38630	KGYNLPTPIMANTDLTR	AGAP002306-PA	M10(Oxidation)	82	8.56E-08	1	1920.984	-0.46	Male reproductive organs	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_39246	GVALPAIFK	AGAP002306-PA	-	37	0.000973223	1	915.568	1.93	Malpighian tubule	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_39506	GPLIIYDR	AGAP002306-PA	-	31	0.005798596	1	946.540	4.28	Head	2R:+:19055470-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_39620	SLTAARPLVSVYSDK	AGAP002306-PA	N-Term(Acetyl)	81	7.87E-08	1	1648.892	0.9	Malpighian tubule	2R:+:19054762-19054806	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_39838	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	111	4.81E-11	1	2190.183	2.72	Head	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_39921	GHIIDGISELPLVVSDDIQKFQK	AGAP002306-PA	-	89	5.97E-09	1	2551.385	3.3	Malpighian tubule	2R:+:19055188-19055188,19055276-19055343	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_40054	LNPLTNKEQMLK	AGAP002306-PA	M10(Oxidation)	34	0.005276669	1	1444.786	2.02	Larva	2R:+:19055800-19055835	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_40868	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	114	2.83E-11	2	2148.158	1.62	Male reproductive organs	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_41229	LNPYAAVTK	AGAP002306-PA	-	37	0.002209403	1	976.545	-1.73	Midgut	2R:+:19055836-19055862	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_41517	RLNPLTNK	AGAP002306-PA	-	40	0.000590694	2	955.568	-0.68	Head	2R:+:19055797-19055820	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_42632	YALVSALAASGVPALVQSR	AGAP002306-PA	-	139	4.04E-14	1	1873.058	2.07	Pupa	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_42852	GVALPAIFK	AGAP002306-PA	-	42	0.000269906	1	915.568	2.28	Ovary	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_44000	GVALPAIFK	AGAP002306-PA	-	42	0.000266816	1	915.568	2.28	Salivary gland	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_45224	SLTAARPLVSVYSDK	AGAP002306-PA	N-Term(Acetyl)	57	1.76E-05	1	1648.891	0.31	Male reproductive organs	2R:+:19054762-19054806	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_45283	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	128	2.03E-12	1	2264.032	-0.22	Malpighian tubule	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_45645	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	123	2.63E-12	1	2190.183	3.06	Visceras	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_46153	SKVWADVQK	AGAP002306-PA	-	45	0.000422833	2	1060.580	1.65	Ovary	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_46501	SGQGAYGNMCR	AGAP002306-PA	M9(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	80	1.79E-08	1	1216.487	3.03	Malpighian tubule	2R:+:19055026-19055058	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_47572	QAVTFLR	AGAP002306-PA	-	46	0.000237665	2	834.483	-0.21	Male reproductive organs	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_47811	RGPLIIYDR	AGAP002306-PA	-	49	0.000117354	1	1102.637	0.19	Midgut	2R:+:19055467-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_48580	LDGLYGTWEK	AGAP002306-PA	-	56	4.80E-05	2	1181.585	0.64	Salivary gland	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_50175	KININLK	AGAP002306-PA	-	44	0.000201949	2	842.545	-0.54	Salivary gland	2R:+:19055107-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA

JHU_Ag_50751	AFRNIPGVDTMR	AGAP002306-PA	M11(Oxidation)	62	1.02E-05	1	1392.708	1.88	Malpighian tubule	2R:+:19055512-19055547	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_50922	GPLIIYDRDEGLR	AGAP002306-PA	-	45	0.000364071	1	1516.812	0.36	Malpighian tubule	2R:+:19055470-19055508	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_51659	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	87	3.16E-08	1	1776.898	1.63	Visceras	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_52182	SGQGAYGNMCR	AGAP002306-PA	M9(Oxidation), C10(Carbamidomethyl)	52	8.53E-06	2	1216.483	-0.58	Midgut	2R:+:19055026-19055058	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_52975	LNPLTNKEQMLK	AGAP002306-PA	M10(Oxidation)	61	9.96E-06	1	1444.783	0.41	Male reproductive organs	2R:+:19055800-19055835	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_53096	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	74	5.84E-07	1	1311.643	1.72	Pupa	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_53215	RQAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	66	3.96E-06	1	2420.134	0.01	Midgut	2R:+:19054912-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_53644	GPLIIYDRDEGLR	AGAP002306-PA	-	47	0.000250656	1	1516.813	0.67	Head	2R:+:19055470-19055508	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_53750	MFAPTKPWR	AGAP002306-PA	M1(Oxidation)	35	0.004810231	1	1149.589	1.79	Larva	2R:+:19055068-19055094	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_53808	QAVTFLR	AGAP002306-PA	Q1(Deamidated)	55	2.64E-05	2	834.483	-0.64	Salivary gland	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_53883	GPLIIYDRDEGLR	AGAP002306-PA	-	90	1.11E-08	1	1516.813	0.85	Ovary	2R:+:19055470-19055508	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_54946	DKGVALPAIFK	AGAP002306-PA	-	55	1.26E-05	1	1158.688	0.18	Male reproductive organs	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_55633	LNPYAAVTK	AGAP002306-PA	-	35	0.003591492	2	976.545	-0.86	Pupa	2R:+:19055836-19055862	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_55696	LLKSEEIR	AGAP002306-PA	-	36	0.001745609	2	987.587	3.76	Malpighian tubule	2R:+:19055728-19055751	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_55807	DKGVALPAIFK	AGAP002306-PA	-	47	9.76E-05	1	1158.686	-1.5	Malpighian tubule	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_56987	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	112	5.93E-11	1	1839.978	2.09	Ovary	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_57003	SKVWADVQK	AGAP002306-PA	-	51	0.000147562	1	1060.578	-0.42	Male reproductive organs	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_57189	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	108	1.33E-10	2	2148.161	3.09	Malpighian tubule	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_57368	DKGVALPAIFK	AGAP002306-PA	-	65	1.50E-06	1	1158.688	0.08	Ovary	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_58160	KGYNLPTPIMANTDLTR	AGAP002306-PA	M10(Oxidation)	92	8.02E-09	1	1904.993	1.81	Pupa	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_59061	LNPLTNKEQMLK	AGAP002306-PA	M10(Oxidation)	50	0.000126552	2	1444.783	-0.09	Midgut	2R:+:19055800-19055835	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_59323	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	62	1.11E-05	2	1792.893	1.46	Pupa	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_59548	ININLK	AGAP002306-PA	-	42	0.000316078	1	714.449	-2.16	Head	2R:+:19055110-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_59602	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	73	6.45E-07	1	1311.642	1.26	Visceras	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_59675	YALVSALAASGVPALVQSR	AGAP002306-PA	-	154	1.55E-15	1	1873.058	1.97	Head	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_59688	AVVFVEK	AGAP002306-PA	-	34	0.003078384	2	791.467	0.65	Midgut	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_59718	LNPYAAVTK	AGAP002306-PA	-	37	0.001866038	2	976.546	0.14	Malpighian tubule	2R:+:19055836-19055862	exon=> In CDS Exon 3 of transcript AGAP002306-PA

JHU_Ag_60005	RGPLIIYDR	AGAP002306-PA	-	47	0.000130708	1	1102.641	3.62	Male reproductive organs	2R:+:19055467-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_60995	SKVWADVQK	AGAP002306-PA	-	53	8.61E-05	1	1060.578	-0.19	Pupa	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_61092	AVVFVEK	AGAP002306-PA	-	52	4.61E-05	1	791.468	1.73	Ovary	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_61366	ININLKR	AGAP002306-PA	-	31	0.003502587	1	870.553	0.83	Ovary	2R:+:19055110-19055130	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_61384	LNPYAAVTKR	AGAP002306-PA	-	59	8.63E-06	1	1132.648	0.88	Malpighian tubule	2R:+:19055836-19055865	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_61588	LDGLYGTWEKR	AGAP002306-PA	-	47	0.000320362	1	1337.688	1.99	Malpighian tubule	2R:+:19055632-19055664	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_62162	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	119	8.69E-12	1	1823.981	0.9	Midgut	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_62694	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	111	5.36E-11	1	2190.176	-0.29	Salivary gland	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_62825	QAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	130	1.16E-12	1	2264.036	1.24	Salivary gland	2R:+:19054915-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_63258	YALVSALAASGVPALVQSR	AGAP002306-PA	-	110	3.15E-11	1	1873.063	4.81	Larva	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_63481	GPLIIYDR	AGAP002306-PA	-	49	8.89E-05	2	946.536	0.14	Visceras	2R:+:19055470-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_63951	VWADVQK	AGAP002306-PA	-	48	0.000302712	1	845.454	3.22	Head	2R:+:19055380-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_63952	KGYNLPTPIMANTDLTR	AGAP002306-PA	M10(Oxidation)	94	6.58E-09	1	1920.988	1.45	Malpighian tubule	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_64282	SLTAARPLVSVYSDK	AGAP002306-PA	N-Term(Acetyl)	95	2.63E-09	1	1648.897	3.79	Ovary	2R:+:19054762-19054806	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_65449	LDGLYGTWEKR	AGAP002306-PA	-	34	0.004987755	1	1337.693	5.73	Head	2R:+:19055632-19055664	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_65716	AVARIPR	AGAP002306-PA	-	22	0.005109977	1	782.502	3.25	Malpighian tubule	2R:+:19054981-19055001	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_66065	LDGLYGTWEKR	AGAP002306-PA	-	62	9.29E-06	1	1337.684	-0.65	Midgut	2R:+:19055632-19055664	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_66639	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	108	1.37E-10	2	2148.160	2.64	Head	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_67062	QAVTFLR	AGAP002306-PA	-	55	2.62E-05	2	834.483	-0.64	Midgut	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_67088	LNPLTNK	AGAP002306-PA	-	34	0.002427616	2	799.467	0.09	Visceras	2R:+:19055800-19055820	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_67864	YALVSALAASGVPALVQSR	AGAP002306-PA	-	136	9.76E-14	1	1873.057	1.29	Ovary	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_68625	YALVSALAASGVPALVQSR	AGAP002306-PA	-	120	3.87E-12	1	1873.056	0.9	Malpighian tubule	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_69721	AVVFVEK	AGAP002306-PA	-	35	0.001992066	1	791.469	3.13	Head	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_72506	VWADVQK	AGAP002306-PA	-	43	0.000990911	1	845.451	-1.25	Midgut	2R:+:19055380-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_72550	GVALPAIFK	AGAP002306-PA	-	42	0.000310608	1	915.568	1.75	Head	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_72971	LDGLYGTWEK	AGAP002306-PA	-	47	0.000324286	2	1181.587	3.12	Ovary	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_74137	MFAPTKPWR	AGAP002306-PA	M1(Oxidation)	49	0.00021886	1	1149.590	1.93	Visceras	2R:+:19055068-19055094	exon=> In CDS Exon 2 of transcript AGAP002306-PA

JHU_Ag_74839	LDGLYGTWEK	AGAP002306-PA	-	39	0.002064377	1	1181.585	0.81	Head	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_75701	YALVSALAASGVPALVQSR	AGAP002306-PA	-	114	1.71E-11	2	1873.054	-0.33	Midgut	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_76112	AVVFVEKQTR	AGAP002306-PA	-	72	3.65E-07	1	1176.676	1.9	Malpighian tubule	2R:+:19055956-19055985	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_76473	SKVWADVQK	AGAP002306-PA	-	41	0.001345778	1	1060.578	-0.42	Salivary gland	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_78110	GPLIIYDRDEGLR	AGAP002306-PA	-	46	0.00033403	1	1516.816	2.9	Visceras	2R:+:19055470-19055508	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_79686	QAVTFLR	AGAP002306-PA	-	35	0.002582059	2	834.484	0.38	Head	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_80705	LNPYAAVTK	AGAP002306-PA	-	44	0.000344865	2	976.547	0.7	Larva	2R:+:19055836-19055862	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_81050	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	69	1.56E-06	1	1311.644	2.93	Male reproductive organs	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_82600	GVALPAIFK	AGAP002306-PA	-	46	0.000109449	1	915.568	1.48	Male reproductive organs	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_83250	LDGLYGTWEKR	AGAP002306-PA	-	45	0.000459395	1	1337.688	2.45	Visceras	2R:+:19055632-19055664	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_84504	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	108	1.12E-10	2	2148.164	4.23	Visceras	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_85507	SLTAARPLVSVYSDK	AGAP002306-PA	N-Term(Acetyl)	94	3.87E-09	1	1648.890	-0.36	Head	2R:+:19054762-19054806	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_86594	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	82	4.98E-08	1	1823.981	0.56	Malpighian tubule	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_88566	ININLKR	AGAP002306-PA	-	41	0.000183743	2	870.555	3.14	Malpighian tubule	2R:+:19055110-19055130	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_88683	KININLK	AGAP002306-PA	N5(Deamidated)	41	0.000560149	2	843.529	-0.55	Malpighian tubule	2R:+:19055107-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_89736	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	36	0.00318311	1	1311.643	2.37	Larva	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_90911	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	95	2.83E-09	1	1839.979	2.49	Pupa	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_90989	YALVSALAASGVPALVQSR	AGAP002306-PA	-	125	1.23E-12	1	1873.052	-0.96	Salivary gland	2R:+:19055131-19055187	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_91095	MFAPTKPWR	AGAP002306-PA	-	40	0.00149245	1	1133.592	-0.48	Pupa	2R:+:19055068-19055094	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_91599	GPLIIYDR	AGAP002306-PA	-	54	3.40E-05	2	946.537	1.56	Salivary gland	2R:+:19055470-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_92189	LNPLTNK	AGAP002306-PA	-	35	0.002178612	1	799.467	-0.67	Head	2R:+:19055800-19055820	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_92344	LAPGGHVGR	AGAP002306-PA	-	42	0.000441763	2	863.485	0.5	Ovary	2R:+:19055572-19055598	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_93068	ININLKR	AGAP002306-PA	-	43	0.000223043	2	870.552	0.27	Midgut	2R:+:19055110-19055130	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_93287	KGYNLPTPIMANTDLTR	AGAP002306-PA	M10(Oxidation)	82	9.15E-08	1	1920.993	4.22	Larva	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_94041	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	52	1.00E-04	2	1792.895	2.69	Salivary gland	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_95260	GPLIIYDRDEGLR	AGAP002306-PA	-	38	0.002056771	1	1516.813	0.48	Salivary gland	2R:+:19055470-19055508	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_96011	LDGLYGTWEK	AGAP002306-PA	-	43	0.000705266	2	1181.587	2.61	Visceras	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA

JHU_Ag_96279	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	69	1.51E-06	1	1311.645	3.58	Ovary	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_96780	RGPLIIYDR	AGAP002306-PA	-	46	0.000214787	2	1102.638	0.74	Pupa	2R:+:19055467-19055493	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_97177	AVVFVEK	AGAP002306-PA	-	45	0.00025546	2	791.467	1.26	Larva	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_97933	RQAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	92	9.28E-09	1	2420.135	0.38	Head	2R:+:19054912-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_100272	QAVTFLR	AGAP002306-PA	-	54	3.08E-05	2	834.482	-0.94	Ovary	2R:+:19055350-19055370	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_100341	LCVWTESAFAK	AGAP002306-PA	C2(Carbamidomethyl)	77	2.55E-07	1	1311.644	2.65	Head	2R:+:19055599-19055631	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_100505	DKGVALPAIFK	AGAP002306-PA	-	52	2.57E-05	1	1158.689	0.81	Pupa	2R:+:19054822-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_101887	GHIIDGISELPLVVSDDIQK	AGAP002306-PA	-	126	1.55E-12	2	2148.166	5.37	Larva	2R:+:19055188-19055188,19055276-19055334	exon=> In CDS Exon 2 and 3 of transcript AGAP002306-PA
JHU_Ag_102011	VSKMNLLK	AGAP002306-PA	M4(Oxidation)	37	0.001154507	2	948.557	2.46	Malpighian tubule	2R:+:19055548-19055571	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_102194	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	108	1.09E-10	1	2190.178	0.47	Male reproductive organs	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_102369	KGYNLPTPIMANTDLTR	AGAP002306-PA	-	88	1.87E-08	1	1904.991	0.75	Visceras	2R:+:19055677-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_102455	LDGLYGTWEK	AGAP002306-PA	-	47	0.00032195	1	1181.585	0.64	Malpighian tubule	2R:+:19055632-19055661	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_103148	KININLK	AGAP002306-PA	-	35	0.00147993	2	842.546	-0.1	Visceras	2R:+:19055107-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_104527	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	124	2.39E-12	1	2190.177	0.13	Midgut	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_104586	MFAPTKPWR	AGAP002306-PA	M1(Oxidation)	43	0.000805192	1	1133.592	-0.59	Midgut	2R:+:19055068-19055094	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_104858	LDGLYGTWEKR	AGAP002306-PA	-	39	0.001750597	1	1337.689	3.27	Male reproductive organs	2R:+:19055632-19055664	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_105631	RLNPLTNK	AGAP002306-PA	-	31	0.00392973	2	955.567	-1.06	Midgut	2R:+:19055797-19055820	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_106996	AVVFVEK	AGAP002306-PA	-	43	0.000354261	1	791.466	-0.67	Malpighian tubule	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_107292	SKVWADVQK	AGAP002306-PA	-	59	1.41E-05	1	1060.581	2.45	Malpighian tubule	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_107545	AVVFVEK	AGAP002306-PA	-	43	0.000360017	2	791.467	0.88	Visceras	2R:+:19055956-19055976	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_107608	SKVWADVQK	AGAP002306-PA	-	51	0.000106763	1	1060.583	3.95	Head	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_108247	MFAPTKPWR	AGAP002306-PA	M1(Oxidation)	65	4.97E-06	1	1133.594	1.03	Malpighian tubule	2R:+:19055068-19055094	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_109615	GVALPAIFK	AGAP002306-PA	-	43	0.000216378	2	915.569	2.67	Visceras	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_111081	ININLK	AGAP002306-PA	-	38	0.000727374	1	714.451	-0.11	Midgut	2R:+:19055110-19055127	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_111559	RQAYAVSEAAGHQTSAESWGTGR	AGAP002306-PA	-	63	8.68E-06	1	2420.144	4.02	Male reproductive organs	2R:+:19054912-19054980	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_111995	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	125	1.61E-12	1	2190.182	2.47	Pupa	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_114572	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	102	1.13E-09	1	1792.890	-0.04	Ovary	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA

JHU_Ag_114731	GVALPAIFK	AGAP002306-PA	-	36	0.001178583	1	915.567	0.35	Midgut	2R:+:19054828-19054854	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_114991	SKVWADVQK	AGAP002306-PA	-	62	8.46E-06	1	1060.582	3.28	Larva	2R:+:19055374-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_115114	ININLKR	AGAP002306-PA	-	37	0.000936244	2	870.552	-0.3	Male reproductive organs	2R:+:19055110-19055130	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_115870	GYNLPTPIMANTDLTR	AGAP002306-PA	M9(Oxidation)	66	3.77E-06	2	1792.898	4.8	Larva	2R:+:19055680-19055727	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_115954	SLTAARPLVSVYSDKNEAVK	AGAP002306-PA	N-Term(Acetyl)	125	1.68E-12	1	2190.183	3.14	Malpighian tubule	2R:+:19054762-19054821	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_116539	APIRPDVVNEVSQLMR	AGAP002306-PA	M15(Oxidation)	95	2.62E-09	1	1839.978	1.89	Head	2R:+:19054855-19054902	exon=> In CDS Exon 2 of transcript AGAP002306-PA
JHU_Ag_117537	VWADVQK	AGAP002306-PA	-	43	0.00095727	1	845.451	-0.69	Ovary	2R:+:19055380-19055400	exon=> In CDS Exon 3 of transcript AGAP002306-PA
JHU_Ag_3339	GTVMNAVESATK	AGAP002308-PA	M4(Oxidation)	75	5.28E-07	1	1223.599	4.47	Ovary	2R:-:19059164-19059129	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_5522	DMALQLAAQTVMGAAK	AGAP002308-PA	M2(Oxidation), M12(Oxidation)	56	3.77E-05	2	1650.827	4.78	Malpighian tubule	2R:-:19059320-19059273	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_12970	TGSDHPVPPLYR	AGAP002308-PA	-	53	5.51E-05	1	1338.679	-0.65	Male reproductive organs	2R:-:19059512-19059477	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_15313	DEVCSPGGATIHGVHALEQGSMR	AGAP002308-PA	C4(Carbamidomethyl), M22(Oxidation)	65	3.57E-06	1	2424.092	-4.74	Head	2R:-:19059233-19059165	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_22161	GVLQPDQITVSATR	AGAP002308-PA	-	62	7.17E-06	1	1484.807	0.42	Male reproductive organs	2R:-:19059940-19060036,19059108-19059834	exon=> In CDS Exon 2 and 1 of transcript AGAP002308-PA
JHU_Ag_24668	DMHTMFAALGVVHEVEESK	AGAP002308-PA	M2(Oxidation), M5(Oxidation)	95	3.59E-09	1	2161.995	2.47	Head	2R:-:19059476-19059420	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_25710	TGSDHPVPPLYR	AGAP002308-PA	-	68	1.91E-06	1	1338.683	1.81	Head	2R:-:19059512-19059477	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_26242	LENLQAR	AGAP002308-PA	-	50	0.000102337	2	843.472	4.17	Malpighian tubule	2R:-:19059833-19059813	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_27631	LENLQAR	AGAP002308-PA	-	39	0.001309282	2	843.472	3.88	Ovary	2R:-:19059833-19059813	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_28913	MNAATGLAGCGPAYVYEFIEALADGGVK	AGAP002308-PA	M1(Oxidation), C10(Carbamidomethyl)	92	7.51E-09	1	2861.346	-0.81	Ovary	2R:-:19059419-19059336	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_30441	DMALQLAAQTVMGAAK	AGAP002308-PA	M2(Oxidation), M12(Oxidation)	66	3.73E-06	2	1650.826	4.26	Head	2R:-:19059320-19059273	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_33549	DMHTMFAALGVVHEVEESK	AGAP002308-PA	M2(Oxidation), M5(Oxidation)	95	4.04E-09	1	2162.001	5.35	Ovary	2R:-:19059476-19059420	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_45547	TGSDHPVPPLYR	AGAP002308-PA	-	67	2.64E-06	1	1338.686	4.36	Ovary	2R:-:19059512-19059477	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_46845	AVGFIGGGNMAYAIASGLLSK	AGAP002308-PA	M10(Oxidation)	174	4.87E-17	1	2013.057	4.87	Ovary	2R:-:19060003-19059941	exon=> In CDS Exon 1 of transcript AGAP002308-PA
JHU_Ag_62349	LEQGLAMFQPCLIAR	AGAP002308-PA	M7(Oxidation), C11(Carbamidomethyl)	94	6.02E-09	1	1762.905	3.96	Ovary	2R:-:19059611-19059567	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_71069	GVLQPDQITVSATR	AGAP002308-PA	-	83	5.09E-08	1	1484.809	1.4	Head	2R:-:19059940-19060036,19059108-19059834	exon=> In CDS Exon 2 and 1 of transcript AGAP002308-PA
JHU_Ag_73947	DMALQLAAQTVMGAAK	AGAP002308-PA	M2(Oxidation), M12(Oxidation)	84	6.04E-08	1	1650.820	0.49	Midgut	2R:-:19059320-19059273	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_81129	GVLQPDQITVSATR	AGAP002308-PA	-	91	9.41E-09	1	1484.813	4.2	Ovary	2R:-:19059940-19060036,19059108-19059834	exon=> In CDS Exon 2 and 1 of transcript AGAP002308-PA
JHU_Ag_84391	AVGFIGGGNMAYAIASGLLSK	AGAP002308-PA	M10(Oxidation)	111	1.09E-10	2	2013.053	2.63	Head	2R:-:19060003-19059941	exon=> In CDS Exon 1 of transcript AGAP002308-PA

JHU_Ag_90595	SSSAALQK	AGAP002308-PA	N-Term(Acetyl)	56	4.22E-05	1	833.440	4.59	Malpighian tubule	2R:-:19060033-19060010	exon=> In CDS Exon 1 of transcript AGAP002308-PA
JHU_Ag_100514	DMALQLAAQTVMGAAK	AGAP002308-PA	M2(Oxidation), M12(Oxidation)	66	3.68E-06	2	1650.822	2.04	Male reproductive organs	2R:-:19059320-19059273	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_102867	DMALQLAAQTVMGAAK	AGAP002308-PA	M2(Oxidation), M12(Oxidation)	125	4.92E-12	2	1650.824	2.93	Ovary	2R:-:19059320-19059273	exon=> In CDS Exon 2 of transcript AGAP002308-PA
JHU_Ag_61936	IIVEK	AGAP002313-PA	-	38	0.001526944	1	601.393	2.43	Malpighian tubule	2R:+:19229296-19229310	exon=> In CDS Exon 3 of transcript AGAP002313-PA
JHU_Ag_21396	DAEIMNKENDK	AGAP002315-PA,AGAP002315-PC	M5(Oxidation)	32	0.006918103	1	1322.608	13.89	Ovary	2R:+:19232205-19232237;2R:+:19232205-19232237	exon=> In CDS Exon 2 of transcript AGAP002315-PA;exon=> In CDS Exon 2 of transcript AGAP002315-PC
JHU_Ag_57833	DDTINLLDLR	AGAP002315-PB,AGAP002315-PC	-	63	9.29E-06	2	1187.628	0.77	Ovary	2R:+:19482509-19482538;2R:+:19482509-19482538	exon=> In CDS Exon 3 of transcript AGAP002315-PB;exon=> In CDS Exon 5 of transcript AGAP002315-PC
JHU_Ag_1164	TVDSVYQDVASVDECRELCLSSPYR	AGAP002316-PA	C15(Carbamidomethyl), C19(Carbamidomethyl)	102	6.54E-10	1	2948.332	-2.89	Pupa	2R:-:19237130-19237056	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_1469	GSPNSCSVDVK	AGAP002316-PA	C6(Carbamidomethyl)	63	3.94E-06	2	1149.520	-0.07	Pupa	2R:-:19236833-19236801	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_12239	MGYQDIDCNVR	AGAP002316-PA	C8(Carbamidomethyl),"M1(Oxidation), C8(Carbamidomethyl)"	88	6.14E-09	1	1386.577	-0.2	Pupa	2R:-:19236776-19236744	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_26374	SQFPVFTIYAQK	AGAP002316-PA	-	62	7.17E-06	2	1428.760	5.31	Larva	2R:-:19256967-19256932	exon=> In CDS Exon 3 of transcript AGAP002316-PA
JHU_Ag_33221	TAEVGDPLALR	AGAP002316-PA	-	54	3.64E-05	1	1141.624	2.06	Pupa	2R:-:19236500-19236468	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_35224	FEILDPQSPYEIFVR	AGAP002316-PA	-	85	3.64E-08	1	1852.955	3.69	Pupa	2R:-:19236467-19236423	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_37553	FPSSEMVQFR	AGAP002316-PA	M6(Oxidation)	77	2.30E-07	1	1243.576	-0.95	Pupa	2R:-:19236275-19236246	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_44470	LPGALTK	AGAP002316-PA	-	32	0.001477143	2	699.439	-0.96	Pupa	2R:-:19265119-19265273,19256780-19256968	exon=> In CDS Exon 3 and 2 of transcript AGAP002316-PA
JHU_Ag_44775	ILLSHFDAFKFPSSEMVQFR	AGAP002316-PA	M16(Oxidation)	87	2.92E-08	1	2415.221	1.78	Pupa	2R:-:19236305-19236246	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_46266	DCIEMCLGENEFTCR	AGAP002316-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C14(Carbamidomethyl)	75	4.90E-08	2	1933.761	3.09	Pupa	2R:-:19256823-19256981,19235646-19237308	exon=> In CDS Exon 4 and 3 of transcript AGAP002316-PA
JHU_Ag_52900	ILLSHFDAFK	AGAP002316-PA	-	65	2.88E-06	1	1190.657	-0.26	Pupa	2R:-:19236305-19236276	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_59224	MGYQDIDCNVR	AGAP002316-PA	M1(Oxidation), C8(Carbamidomethyl)	55	1.29E-05	2	1386.581	2.53	Larva	2R:-:19236776-19236744	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_81077	SSLEFELR	AGAP002316-PA	-	59	1.78E-05	2	980.505	0.46	Pupa	2R:-:19236800-19236777	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_81658	TVDSVYQDVASVDECR	AGAP002316-PA	C15(Carbamidomethyl)	142	6.63E-14	2	1842.820	1.55	Pupa	2R:-:19237130-19237083	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_89818	SQFPVFTIYAQK	AGAP002316-PA	-	92	7.33E-09	1	1428.755	2.24	Pupa	2R:-:19256967-19256932	exon=> In CDS Exon 3 of transcript AGAP002316-PA
JHU_Ag_99376	GCPTDHFIMGPIYK	AGAP002316-PA	C2(Carbamidomethyl), M9(Oxidation)	70	1.12E-06	1	1651.759	-0.88	Pupa	2R:-:19236365-19236324	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_105290	ELCLSSPYR	AGAP002316-PA	C3(Carbamidomethyl)	54	6.51E-05	2	1124.542	1.26	Pupa	2R:-:19237082-19237056	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_106972	ELVAMDGVDSSEITLIDAR	AGAP002316-PA	M5(Oxidation)	98	2.25E-09	1	2049.998	-1.42	Pupa	2R:-:19236422-19236366	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_109915	TVDSVYQDVASVDECR	AGAP002316-PA	C15(Carbamidomethyl)	71	8.29E-07	2	1842.825	4.13	Larva	2R:-:19237130-19237083	exon=> In CDS Exon 4 of transcript AGAP002316-PA

JHU_Ag_111227	CHSYDYGDTGDMVCR	AGAP002316-PA	C1(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl)	81	5.77E-09	1	1851.671	-0.94	Pupa	2R:-:19237055-19237011	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_116938	SANFYQTTMTCELSDMDR	AGAP002316-PA	C11(Carbamidomethyl),"M9(Oxidation), C11(Carbamidomethyl)","C11(Carbamidomethyl), M16(Oxidation)","M9(Oxidation), C11(Carbamidomethyl), M16(Oxidation)"	107	5.64E-11	2	2169.889	0.25	Pupa	2R:-:19237307-19237254	exon=> In CDS Exon 4 of transcript AGAP002316-PA
JHU_Ag_7474	NCQLVGLPDLNQGNSWVR	AGAP002317-PA	C2(Carbamidomethyl)	48	0.000256287	2	2070.026	3.41	Head	2R:+:19444934-19444987	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_12474	SGSEAEFASMVR	AGAP002317-PA	M10(Oxidation)	73	4.34E-07	2	1286.572	2.9	Larva	2R:+:19444703-19444738	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_37370	FSAEIGK	AGAP002317-PA	-	34	0.005165741	2	751.399	0.03	Larva	2R:+:19445234-19445254	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_47734	NEYTHLGTVTEFR	AGAP002317-PA	-	76	4.57E-07	1	1566.759	2.54	Head	2R:+:19445195-19445233	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_52395	SGSSCTGASVTVGGDGR	AGAP002317-PA	C5(Carbamidomethyl)	94	2.97E-09	2	1554.684	1.39	Pupa	2R:+:19445804-19445854	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_56901	SGSSCTGASVTVGGDGR	AGAP002317-PA	C5(Carbamidomethyl)	114	2.55E-11	2	1554.686	3.28	Larva	2R:+:19445804-19445854	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_61877	MINYGVAGFR	AGAP002317-PA	M1(Oxidation)	44	0.000436512	2	1143.566	4.25	Larva	2R:+:19445015-19445044	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_68748	NCQLVGLPDLNQGNSWVR	AGAP002317-PA	C2(Carbamidomethyl)	65	5.03E-06	2	2070.027	4.23	Larva	2R:+:19444934-19444987	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_69838	SGSSCTGASVTVGGDGR	AGAP002317-PA	C5(Carbamidomethyl)	64	2.96E-06	2	1554.682	0.45	Head	2R:+:19445804-19445854	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_72361	GYAGVQVSPPTENAVVWSPR	AGAP002317-PA	-	47	0.000243137	2	2114.065	-0.54	Pupa	2R:+:19444592-19444651	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_79976	YQPISYNLNTR	AGAP002317-PA	-	61	9.65E-06	2	1368.692	1.02	Head	2R:+:19444670-19444702	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_83570	YQPISYNLNTR	AGAP002317-PA	-	39	0.00154341	2	1368.698	5.4	Larva	2R:+:19444670-19444702	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_87967	NEYTHLGTVTEFR	AGAP002317-PA	-	85	5.61E-08	1	1566.761	4.02	Larva	2R:+:19445195-19445233	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_97707	GYAGVQVSPPTENAVVWSPR	AGAP002317-PA	-	101	1.17E-09	1	2114.067	0.38	Head	2R:+:19444592-19444651	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_98652	MANAFMLAHPFGIPR	AGAP002317-PA	M1(Oxidation), M6(Oxidation)	41	0.001366953	1	1704.841	3.3	Larva	2R:+:19445423-19445467	exon=> In CDS Exon 1 of transcript AGAP002317-PA
JHU_Ag_103534	SGSEAQFASMVR	AGAP002318-PA	Q6(Deamidated), M10(Oxidation)	73	4.34E-07	2	1286.572	2.9	Larva	2R:+:19450040-19450075	exon=> In CDS Exon 1 of transcript AGAP002318-PA
JHU_Ag_112238	GHGGGGSDVLTYK	AGAP002318-PA	-	38	0.002749852	2	1247.605	2.6	Larva	2R:+:19450703-19450741	exon=> In CDS Exon 1 of transcript AGAP002318-PA
JHU_Ag_4750	ILDVPLIVTEHYPEK	AGAP002320-PA	-	102	4.05E-10	1	1765.972	-0.88	Head	2R:-:19484317-19484273	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_9698	TLFMLCDLQDKFRPGMK	AGAP002320-PA	C6(Carbamidomethyl), M16(Oxidation)	51	0.000108847	1	2116.045	3.03	Malpighian tubule	2R:-:19484533-19484483	exon=> In CDS Exon 1 of transcript AGAP002320-PA
JHU_Ag_13218	QYGCFVTTSENVIFK	AGAP002320-PA	C4(Carbamidomethyl)	69	1.83E-06	2	1792.857	-0.5	Head	2R:-:19483993-19483949	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_15137	IVSELDISHAK	AGAP002320-PA	-	46	0.000183269	1	1211.663	-0.17	Visceras	2R:-:19484263-19484231	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_17963	ILDVPLIVTEHYPEK	AGAP002320-PA	-	33	0.002858616	1	1765.977	2.05	Ovary	2R:-:19484317-19484273	exon=> In CDS Exon 2 of transcript AGAP002320-PA

JHU_Ag_19687	TLFSMMIPDVQR	AGAP002320-PA	M5(Oxidation), M6(Oxidation)	61	1.09E-05	1	1469.718	3.35	Malpighian tubule	2R:-:19484215-19484180	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_25982	ILDVPLIVTEHYPEK	AGAP002320-PA	-	32	0.004156 94	1	1765.972	-0.86	Salivary gland	2R:-:19484317-19484273	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_28934	LGYLDVKK	AGAP002320-PA	-	50	3.85E-05	1	935.555	-0.92	Male reproductive organs	2R:-:19484557-19484534	exon=> In CDS Exon 1 of transcript AGAP002320-PA
JHU_Ag_32838	ILDVPLIVTEHYPEK	AGAP002320-PA	-	108	8.21E-11	1	1765.977	1.81	Male reproductive organs	2R:-:19484317-19484273	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_43175	TLFSMMIPDVQR	AGAP002320-PA	M5(Oxidation), M6(Oxidation)	56	3.45E-05	1	1469.711	-0.89	Head	2R:-:19484215-19484180	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_43666	HLVRDPSVDTELAK	AGAP002320-PA	-	43	0.000497 476	2	1579.847	2.16	Malpighian tubule	2R:-:19483906-19483865	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_46805	TLFSMMIPDVQR	AGAP002320-PA	M5(Oxidation), M6(Oxidation)	47	0.000231 883	2	1469.711	-1.06	Midgut	2R:-:19484215-19484180	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_49032	ILDVPLIVTEHYPEKLGR	AGAP002320-PA	-	58	3.65E-06	1	2092.187	3.19	Malpighian tubule	2R:-:19484317-19484264	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_52931	DPSVDTELAK	AGAP002320-PA	-	53	7.29E-05	1	1074.532	0.47	Head	2R:-:19483894-19483865	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_55951	LKQYGCFVTTSENVIFK	AGAP002320-PA	C6(Carbamidomethyl)	88	2.01E-08	1	2034.046	4.44	Malpighian tubule	2R:-:19483999-19483949	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_59310	DPSVDTELAKL	AGAP002320-PA	-	51	0.000158 81	2	1187.617	1.18	Visceras	2R:-:19483894-19483862	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_60991	DPSVDTELAKL	AGAP002320-PA	-	65	5.78E-06	2	1187.614	-1.08	Male reproductive organs	2R:-:19483894-19483862	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_66479	ILDVPLIVTEHYPEK	AGAP002320-PA	-	61	5.58E-06	1	1765.974	0.15	Midgut	2R:-:19484317-19484273	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_67285	ILDVPLIVTEHYPEK	AGAP002320-PA	-	98	9.21E-10	1	1765.982	4.72	Malpighian tubule	2R:-:19484317-19484273	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_71180	IVSELDISHAK	AGAP002320-PA	-	71	6.38E-07	2	1211.663	0.14	Male reproductive organs	2R:-:19484263-19484231	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_71511	TLFSMMIPDVQR	AGAP002320-PA	M5(Oxidation), M6(Oxidation)	64	5.72E-06	2	1469.720	4.59	Male reproductive organs	2R:-:19484215-19484180	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_73488	IVSELDISHAK	AGAP002320-PA	-	43	0.000400 001	2	1211.664	0.45	Malpighian tubule	2R:-:19484263-19484231	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_75119	TLFSMMIPDVQR	AGAP002320-PA	M5(Oxidation), M6(Oxidation)	61	1.13E-05	2	1469.717	3.18	Visceras	2R:-:19484215-19484180	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_81565	DPSVDTELAKL	AGAP002320-PA	-	61	1.53E-05	1	1187.616	0.66	Ovary	2R:-:19483894-19483862	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_84943	TLFSMMIPDVQR	AGAP002320-PA	M5(Oxidation), M6(Oxidation)	51	0.000109 882	2	1469.715	1.68	Larva	2R:-:19484215-19484180	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_103883	TLFMLCDLQDK	AGAP002320-PA	M4(Oxidation), C6(Carbamidomethyl)	51	9.59E-05	2	1399.656	-2.85	Head	2R:-:19484533-19484501	exon=> In CDS Exon 1 of transcript AGAP002320-PA
JHU_Ag_106111	IVSELDISHAK	AGAP002320-PA	-	90	8.00E-09	1	1211.663	0.14	Head	2R:-:19484263-19484231	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_106566	ILDVPLIVTEHYPEK	AGAP002320-PA	-	97	1.04E-09	1	1765.980	3.89	Visceras	2R:-:19484317-19484273	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_110543	QYGCFVTTSENVIFK	AGAP002320-PA	C4(Carbamidomethyl)	64	6.87E-06	2	1792.859	0.8	Visceras	2R:-:19483993-19483949	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_112156	GYTVHVAADCSVSR	AGAP002320-PA	C10(Carbamidomethyl)	40	0.001381 915	2	1521.712	0.54	Visceras	2R:-:19484074-19484033	exon=> In CDS Exon 2 of transcript AGAP002320-PA
JHU_Ag_113992	LGYLDVKK	AGAP002320-PA	-	35	0.001040 279	2	935.557	0.84	Malpighian tubule	2R:-:19484557-19484534	exon=> In CDS Exon 1 of transcript AGAP002320-PA
JHU_Ag_93225	TTSPSVGNGGTISGSPTPGR	AGAP002324-PA	N8(Deamidated)	109	2.37E-10	2	1829.902	1.58	Malpighian tubule	2R:+:19568912-19568971	exon=> In CDS Exon 2 of transcript AGAP002324-PA

JHU_Ag_23309	ATVQAALGPAALDLAR	AGAP002324-PA,AGAP002324-PB	-	62	2.28E-06	1	1537.874	2.96	Malpighian tubule	2R:+:19574583-19574630;2R:+:19574583-19574630	exon=> In CDS Exon 7 of transcript AGAP002324-PA;exon=> In CDS Exon 4 of transcript AGAP002324-PB
JHU_Ag_93226	AYVTLAGFPK	AGAP002324-PA,AGAP002324-PB	-	52	4.11E-05	2	1066.595	1.25	Malpighian tubule	2R:+:19574553-19574582;2R:+:19574553-19574582	exon=> In CDS Exon 7 of transcript AGAP002324-PA;exon=> In CDS Exon 4 of transcript AGAP002324-PB
JHU_Ag_113946	FLKPVSFSLIGK	AGAP002324-PA,AGAP002324-PB	-	58	1.76E-06	1	1335.806	1.84	Malpighian tubule	2R:+:19574307-19574342;2R:+:19574307-19574342	exon=> In CDS Exon 6 of transcript AGAP002324-PA;exon=> In CDS Exon 3 of transcript AGAP002324-PB
JHU_Ag_27675	HANADGLIMPPNVLMAPWVPQSAVLANGR	AGAP002327-PA	M9(Oxidation), M15(Oxidation), N27(Deamidated)	67	2.20E-06	1	3072.536	-1	Midgut	2R:-:19897852-19897766	exon=> In CDS Exon 2 of transcript AGAP002327-PA
JHU_Ag_63789	LLAYPR	AGAP002327-PA	-	32	0.003858305	1	732.441	0.89	Salivary gland	2R:-:19898570-19898553	exon=> In CDS Exon 1 of transcript AGAP002327-PA
JHU_Ag_77757	AIFWIEK	AGAP002327-PA	-	43	0.000591978	2	906.508	-0.34	Midgut	2R:-:19897421-19897401	exon=> In CDS Exon 3 of transcript AGAP002327-PA
JHU_Ag_95491	VASGLLEEEDAIQR	AGAP002327-PA	-	36	0.003927429	1	1529.780	-0.3	Malpighian tubule	2R:-:19898612-19898571	exon=> In CDS Exon 1 of transcript AGAP002327-PA
JHU_Ag_107165	TFLVMDGYYAK	AGAP002327-PA	M5(Oxidation)	68	2.78E-06	2	1323.629	0.06	Midgut	2R:-:19898735-19898703	exon=> In CDS Exon 1 of transcript AGAP002327-PA
JHU_Ag_111100	LLAYPR	AGAP002327-PA	-	32	0.003641463	2	732.440	0.06	Midgut	2R:-:19898570-19898553	exon=> In CDS Exon 1 of transcript AGAP002327-PA
JHU_Ag_111767	RIELAGIGIGIPSTQLNAVTLK	AGAP002327-PA	-	31	0.000248383	3	2264.336	1.16	Midgut	2R:-:19897654-19897589	exon=> In CDS Exon 2 of transcript AGAP002327-PA
JHU_Ag_10696	LTSPGGAEYLIITPDR	AGAP002331-PA	-	102	7.25E-10	1	1702.909	4.84	Salivary gland	2R:-:19954619-19954759,19954166-19954481	exon=> In CDS Exon 8 and 7 of transcript AGAP002331-PA
JHU_Ag_28492	RLPILR	AGAP002331-PA	-	27	0.000798105	2	767.527	2.16	Malpighian tubule	2R:-:19956423-19956406	exon=> In CDS Exon 2 of transcript AGAP002331-PA
JHU_Ag_45741	RLPILR	AGAP002331-PA	-	19	0.008631003	1	767.521	-5.16	Head	2R:-:19956423-19956406	exon=> In CDS Exon 2 of transcript AGAP002331-PA
JHU_Ag_47685	RLPILR	AGAP002331-PA	-	19	0.00450879	1	767.526	1.22	Visceras	2R:-:19956423-19956406	exon=> In CDS Exon 2 of transcript AGAP002331-PA
JHU_Ag_67805	RLPILR	AGAP002331-PA	-	28	0.001124764	2	767.525	-0.62	Head	2R:-:19956423-19956406	exon=> In CDS Exon 2 of transcript AGAP002331-PA
JHU_Ag_70585	RLPILR	AGAP002331-PA	-	22	0.002421363	2	767.525	0.33	Visceras	2R:-:19956423-19956406	exon=> In CDS Exon 2 of transcript AGAP002331-PA
JHU_Ag_40701	TNIPAGMAVAGPPLGPMLGQR	AGAP002332-PA	M7(Oxidation), M17(Oxidation)	53	6.59E-05	1	2080.066	-0.83	Midgut	2R:+:19974252-19974314	exon=> In CDS Exon 1 of transcript AGAP002332-PA
JHU_Ag_77357	AYELTIHSPPATFLLK	AGAP002332-PA	-	31	0.005286754	1	1800.990	0.08	Midgut	2R:+:19974417-19974464	exon=> In CDS Exon 1 of transcript AGAP002332-PA
JHU_Ag_11350	AIEGTHNSEVQGHPVK	AGAP002335-PA	-	34	0.006925499	1	1702.862	6.57	Ovary	2R:-:20004630-20004583	exon=> In CDS Exon 2 of transcript AGAP002335-PA
JHU_Ag_23851	ETSIDPFAFIEYANHQSAQTALAAMNK	AGAP002335-PA	M25(Oxidation)	43	0.000717392	1	2984.431	7.07	Head	2R:-:20005378-20005298	exon=> In CDS Exon 1 of transcript AGAP002335-PA
JHU_Ag_39599	TDTSQHHHIFVGDLSPEIDTETLR	AGAP002335-PA	-	79	1.71E-07	1	2748.339	6.18	Ovary	2R:-:20005234-20005163	exon=> In CDS Exon 1 of transcript AGAP002335-PA
JHU_Ag_48402	GYAFVSFVK	AGAP002335-PA	-	62	1.02E-05	1	1017.542	1.46	Ovary	2R:-:20005090-20005064	exon=> In CDS Exon 1 of transcript AGAP002335-PA
JHU_Ag_63702	TLYVGNLDTSVTEELLCTLFSQMGTVK	AGAP002335-PA	C17(Carbamidomethyl), M23(Oxidation)	94	4.92E-09	1	3035.495	-0.11	Ovary	2R:-:20005477-20005397	exon=> In CDS Exon 1 of transcript AGAP002335-PA
JHU_Ag_74445	TDTSQHHHIFVGDLSPEIDTETLR	AGAP002335-PA	-	44	0.000627145	1	2748.325	1.05	Head	2R:-:20005234-20005163	exon=> In CDS Exon 1 of transcript AGAP002335-PA
JHU_Ag_92866	GYAFVSFVK	AGAP002335-PA	-	54	7.86E-05	2	1017.544	3.92	Male reproductive organs	2R:-:20005090-20005064	exon=> In CDS Exon 1 of transcript AGAP002335-PA

JHU_Ag_108633	TDTSQHHHIFVGDLSPEIDTETLR	AGAP002335-PA	-	39	0.001753041	3	2748.333	3.92	Malpighian tubule	2R:-:20005234-20005163	exon=> In CDS Exon 1 of transcript AGAP002335-PA
JHU_Ag_112566	ETSIDPFAFIEYANHQSAQTALAAMNK	AGAP002335-PA	M25(Oxidation)	134	5.49E-13	1	2984.412	0.88	Ovary	2R:-:20005378-20005298	exon=> In CDS Exon 1 of transcript AGAP002335-PA
JHU_Ag_44836	IDKNLFYGLQYLTK	AGAP002336-PA	-	48	0.000166445	1	1715.936	-0.6	Midgut	2R:+:20217512-20217553	exon=> In CDS Exon 1 of transcript AGAP002336-PA
JHU_Ag_51940	VIILNNNQIER	AGAP002336-PA	-	37	0.001166153	2	1325.755	1.26	Midgut	2R:+:20217479-20217511	exon=> In CDS Exon 1 of transcript AGAP002336-PA
JHU_Ag_389	SNYSWDIVIDK	AGAP002337-PA	-	74	6.11E-07	2	1339.653	0.44	Ovary	2R:-:20276160-20276128	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_704	GAILANELR	AGAP002337-PA	-	43	0.000515695	2	956.552	-0.7	Pupa	2R:-:20275686-20275660	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_2451	ALNEWDSK	AGAP002337-PA	-	41	0.001000295	1	962.461	2.83	Malpighian tubule	2R:-:20275755-20275732	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_5196	GAILANELR	AGAP002337-PA	-	62	7.51E-06	2	956.554	1.47	Salivary gland	2R:-:20275686-20275660	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_5407	IANAVEWR	AGAP002337-PA	-	63	6.44E-06	1	958.514	3.12	Malpighian tubule	2R:-:20275731-20275708	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_5735	VNVKNERPLQSVDR	AGAP002337-PA	-	48	0.000116763	1	1653.906	1.48	Head	2R:-:20276316-20276275	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_7503	IFHTVTTTDDPIIR	AGAP002337-PA	-	72	7.29E-07	1	1628.866	0.78	Head	2R:-:20276274-20276233	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_7509	YASQFGGGSQYAYFHEEDETTFHLVDSAR	AGAP002337-PA	-	113	3.40E-11	1	3312.470	5.83	Malpighian tubule	2R:-:20276826-20276740	exon=> In CDS Exon 3 of transcript AGAP002337-PA
JHU_Ag_9407	GAILANELR	AGAP002337-PA	-	51	6.55E-05	1	956.556	3.71	Ovary	2R:-:20275686-20275660	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_10061	ALNEWDSKIANAVEWR	AGAP002337-PA	-	111	1.07E-10	1	1901.958	3.85	Malpighian tubule	2R:-:20275755-20275708	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_11734	LSLPSVK	AGAP002337-PA	-	31	0.003020401	2	743.465	-1.43	Pupa	2R:-:20276397-20276377	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_13180	SNYSWDIVIDK	AGAP002337-PA	-	66	3.74E-06	2	1339.657	2.81	Head	2R:-:20276160-20276128	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_15649	NERPLQSVDR	AGAP002337-PA	-	39	0.001557123	2	1213.631	2.34	Ovary	2R:-:20276304-20276275	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_18165	DASVTVRPDWVTIEEMDFPR	AGAP002337-PA	M16(Oxidation)	40	0.001446311	1	2379.137	3.63	Salivary gland	2R:-:20276466-20276407	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_19279	WTVQALLAGSDQLKFGYVSR	AGAP002337-PA	-	72	3.88E-07	1	2239.204	7.59	Malpighian tubule	2R:-:20275635-20275576	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_25302	SNYSWDIVIDKIGGK	AGAP002337-PA	-	65	3.74E-06	1	1694.884	5.1	Malpighian tubule	2R:-:20276160-20276116	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_26002	FQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	94	4.10E-09	2	2454.123	0.99	Midgut	2R:-:20275926-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_26270	FQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	79	1.24E-07	2	2454.117	-1.6	Male reproductive organs	2R:-:20275926-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_30965	IANAVEWR	AGAP002337-PA	-	58	1.96E-05	1	958.510	-0.31	Salivary gland	2R:-:20275731-20275708	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_33621	IFHTVTTTDDPIIR	AGAP002337-PA	-	86	3.08E-08	1	1628.861	-1.88	Midgut	2R:-:20276274-20276233	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_35368	ISDWTGTAQTDKK	AGAP002337-PA	-	61	1.36E-05	2	1450.723	4.14	Head	2R:-:20276970-20276932	exon=> In CDS Exon 2 of transcript AGAP002337-PA
JHU_Ag_35827	WDLNNGITLVAR	AGAP002337-PA	-	41	0.001064672	2	1371.741	2.2	Visceras	2R:-:20275851-20275816	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_36699	YKFQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	N7(Deamidated)	50	0.000130461	1	2745.284	1.8	Ovary	2R:-:20275932-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_39543	YLIMKDPNKPMVR	AGAP002337-PA	-	31	0.006531548	1	1604.871	3.31	Malpighian tubule	2R:-:20275422-20275384	exon=> In CDS Exon 4 of transcript AGAP002337-PA

JHU_Ag_39894	SNYSWDIVIDK	AGAP002337-PA	-	72	9.37E-07	2	1339.655	1.53	Pupa	2R:-:20276160-20276128	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_40412	RDNTEFDLLTVNETASEPPQEDGNSLNSPR	AGAP002337-PA	-	37	0.003134867	1	3345.550	0.88	Head	2R:-:20276100-20276011	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_40733	ISDWTGTAQTDKK	AGAP002337-PA	-	77	3.06E-07	1	1450.717	0.01	Salivary gland	2R:-:20276970-20276932	exon=> In CDS Exon 2 of transcript AGAP002337-PA
JHU_Ag_43589	DASVTVRPDWVTIEEMDFPR	AGAP002337-PA	M16(Oxidation)	108	2.81E-10	1	2363.146	5.09	Malpighian tubule	2R:-:20276466-20276407	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_46001	SNYSWDIVIDK	AGAP002337-PA	-	64	4.93E-06	2	1339.655	1.44	Salivary gland	2R:-:20276160-20276128	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_47126	IANAVEWR	AGAP002337-PA	-	56	2.98E-05	2	958.510	-0.06	Ovary	2R:-:20275731-20275708	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_49309	YKFQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	134	6.42E-13	1	2745.295	5.74	Malpighian tubule	2R:-:20275932-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_50719	WTVQALLAGSDQLK	AGAP002337-PA	-	61	9.06E-06	1	1529.833	0.34	Midgut	2R:-:20275635-20275594	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_54782	GAILANELR	AGAP002337-PA	-	55	3.05E-05	1	956.556	4.22	Malpighian tubule	2R:-:20275686-20275660	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_55292	THGNVYATDAILATIMCCTR	AGAP002337-PA	M16(Oxidation), C17(Carbamidomethyl), C18(Carbamidomethyl),"C17(Carbamidomethyl), C18(Carbamidomethyl)"	78	2.67E-07	1	2268.072	6.8	Malpighian tubule	2R:-:20276220-20276161	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_61845	FQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	73	5.10E-07	2	2454.119	-0.71	Pupa	2R:-:20275926-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_62255	GPPPKIR	AGAP002337-PA	-	20	0.002018506	1	764.482	5.09	Malpighian tubule	2R:-:20276487-20276467	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_64904	VNVKNERPLQSVDR	AGAP002337-PA	-	32	0.004475578	1	1653.909	3.36	Malpighian tubule	2R:-:20276316-20276275	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_66462	FQQPNPFIGDDEDGEVASVAYRYR	AGAP002337-PA	-	70	1.35E-06	1	2773.300	5.42	Malpighian tubule	2R:-:20275926-20275855	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_67695	WTVQALLAGSDQLK	AGAP002337-PA	-	74	3.63E-07	1	1529.846	8.8	Head	2R:-:20275635-20275594	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_68464	IANAVEWR	AGAP002337-PA	-	38	0.002025768	2	958.512	1.34	Head	2R:-:20275731-20275708	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_69135	IRDASVTVRPDWVTIEEMDFPR	AGAP002337-PA	M18(Oxidation)	75	4.06E-07	1	2648.327	4.8	Malpighian tubule	2R:-:20276472-20276407	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_69763	NLAIEATFINHNFSQQVLK	AGAP002337-PA	-	72	4.76E-07	1	2187.159	1.36	Ovary	2R:-:20276010-20275954	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_69833	FQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	93	6.62E-09	2	2454.129	3.27	Salivary gland	2R:-:20275926-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_70570	SNYSWDIVIDK	AGAP002337-PA	-	63	8.01E-06	2	1339.650	-2.2	Visceras	2R:-:20276160-20276128	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_74158	NLAIEATFINHNFSQQVLK	AGAP002337-PA	-	79	1.12E-07	1	2187.159	1.36	Salivary gland	2R:-:20276010-20275954	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_74860	DASVTVRPDWVTIEEMDFPR	AGAP002337-PA	M16(Oxidation)	48	0.000212605	1	2379.124	-2.07	Midgut	2R:-:20276466-20276407	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_77380	IFHTVTTTDDPIIR	AGAP002337-PA	-	60	1.04E-05	1	1628.870	3.59	Malpighian tubule	2R:-:20276274-20276233	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_79515	IFHTVTTTDDPIIR	AGAP002337-PA	-	64	5.22E-06	1	1628.862	-1.5	Pupa	2R:-:20276274-20276233	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_81472	MPQGDTQFLTIK	AGAP002337-PA	M1(Oxidation)	71	1.19E-06	2	1394.703	3.44	Salivary gland	2R:-:20275791-20275756	exon=> In CDS Exon 4 of transcript AGAP002337-PA

JHU_Ag_81635	FQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	82	7.04E-08	2	2454.130	3.67	Head	2R:-:20275926-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_83419	IFHTVTTTDDPIIR	AGAP002337-PA	-	99	1.31E-09	1	1628.870	3.29	Salivary gland	2R:-:20276274-20276233	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_83844	FQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	91	9.69E-09	2	2454.138	6.95	Malpighian tubule	2R:-:20275926-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_86541	MPQGDTQFLTIK	AGAP002337-PA	M1(Oxidation)	78	2.33E-07	2	1394.699	0.2	Midgut	2R:-:20275791-20275756	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_86614	KWDLNNGITLVAR	AGAP002337-PA	-	67	1.11E-06	1	1499.841	5.35	Malpighian tubule	2R:-:20275854-20275816	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_87050	ISDWTGTAQTDKK	AGAP002337-PA	-	38	0.002409349	1	1450.722	3.21	Ovary	2R:-:20276970-20276932	exon=> In CDS Exon 2 of transcript AGAP002337-PA
JHU_Ag_87673	IFHTVTTTDDPIIR	AGAP002337-PA	-	86	3.24E-08	1	1628.863	-0.53	Ovary	2R:-:20276274-20276233	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_89608	WTVQALLAGSDQLK	AGAP002337-PA	-	77	1.74E-07	2	1529.844	7.92	Malpighian tubule	2R:-:20275635-20275594	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_93102	NLAIEATFINHNFSQQVLK	AGAP002337-PA	-	99	8.43E-10	1	2187.167	5.05	Malpighian tubule	2R:-:20276010-20275954	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_96266	FQQPNPFIGDDEDGEVASVAYR	AGAP002337-PA	-	90	1.02E-08	2	2454.123	0.69	Ovary	2R:-:20275926-20275861	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_102071	WTVQALLAGSDQLK	AGAP002337-PA	-	59	1.13E-05	2	1529.844	7.92	Salivary gland	2R:-:20275635-20275594	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_102886	YASQFGGGSQYAYFHEEDETTFHLVDSAR	AGAP002337-PA	-	42	0.000452386	1	3312.459	2.66	Salivary gland	2R:-:20276826-20276740	exon=> In CDS Exon 3 of transcript AGAP002337-PA
JHU_Ag_104662	NLAIEATFINHNFSQQVLK	AGAP002337-PA	-	40	0.000756509	1	2187.159	1.27	Pupa	2R:-:20276010-20275954	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_105627	GAILANELR	AGAP002337-PA	-	62	6.88E-06	2	956.553	0.13	Midgut	2R:-:20275686-20275660	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_105628	ISDWTGTAQTDKK	AGAP002337-PA	-	100	1.46E-09	1	1450.723	4.14	Malpighian tubule	2R:-:20276970-20276932	exon=> In CDS Exon 2 of transcript AGAP002337-PA
JHU_Ag_108183	WDLNNGITLVAR	AGAP002337-PA	N5(Deamidated)	63	6.11E-06	2	1371.738	0.34	Ovary	2R:-:20275851-20275816	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_109749	GAILANELRNNSCK	AGAP002337-PA	C13(Carbamidomethyl)	55	5.46E-05	2	1559.800	2.75	Malpighian tubule	2R:-:20275686-20275645	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_111600	WDLNNGITLVAR	AGAP002337-PA	-	49	0.000184169	2	1371.741	2.47	Salivary gland	2R:-:20275851-20275816	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_112352	WTVQALLAGSDQLK	AGAP002337-PA	-	92	6.22E-09	1	1529.834	1.3	Ovary	2R:-:20275635-20275594	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_116603	MPQGDTQFLTIK	AGAP002337-PA	M1(Oxidation)	93	6.27E-09	2	1378.710	4.4	Malpighian tubule	2R:-:20275791-20275756	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_117430	MPQGDTQFLTIK	AGAP002337-PA	M1(Oxidation)	76	4.57E-07	1	1378.704	0.41	Ovary	2R:-:20275791-20275756	exon=> In CDS Exon 4 of transcript AGAP002337-PA
JHU_Ag_1906	MLVLVLGDLHIPHR	AGAP002338-PA	M1(Oxidation)	61	3.44E-06	1	1628.936	3.37	Malpighian tubule	2R:+:20277855-20277896	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_16279	TLANDVHIVR	AGAP002338-PA	-	32	0.003492656	1	1137.639	0.98	Malpighian tubule	2R:+:20278005-20278034	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_21933	IGLSHGHQVVPWGDPEALALIQR	AGAP002338-PA	-	104	1.45E-10	1	2493.347	4.45	Malpighian tubule	2R:+:20278098-20278166	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_29449	IGLSHGHQVVPWGDPEALALIQR	AGAP002338-PA	-	86	1.06E-08	1	2493.354	7.1	Ovary	2R:+:20278098-20278166	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_41895	GDFDENTNYPEQK	AGAP002338-PA	-	66	1.54E-06	1	1556.651	0.59	Malpighian tubule	2R:+:20278035-20278073	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_46237	TLANDVHIVR	AGAP002338-PA	-	43	0.000265722	1	1137.640	1.94	Ovary	2R:+:20278005-20278034	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_51579	GDFDENTNYPEQK	AGAP002338-PA	-	73	2.90E-07	1	1556.650	0.2	Midgut	2R:+:20278035-20278073	exon=> In CDS Exon 1 of transcript AGAP002338-PA

JHU_Ag_54428	IGLSHGHQVVPWGDPEALALIQR	AGAP002338-PA	Q22(Deamidated)	66	1.15E-06	1	2493.345	3.37	Midgut	2R:+:20278098-20278166	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_60353	TLANDVHIVR	AGAP002338-PA	-	47	0.000123706	1	1137.633	-4.17	Head	2R:+:20278005-20278034	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_66186	IGLSHGHQVVPWGDPEALALIQR	AGAP002338-PA	-	97	8.16E-10	1	2493.346	3.76	Visceras	2R:+:20278098-20278166	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_72350	GDFDENTNYPEQK	AGAP002338-PA	-	65	1.78E-06	1	1556.649	-0.75	Head	2R:+:20278035-20278073	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_87087	VVTVGQFR	AGAP002338-PA	-	41	0.000831425	2	905.520	-0.13	Visceras	2R:+:20278074-20278097	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_88527	MLVLVLGDLHIPHR	AGAP002338-PA	M1(Oxidation)	77	8.68E-08	1	1628.932	0.79	Head	2R:+:20277855-20277896	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_93426	MLVLVLGDLHIPHR	AGAP002338-PA	M1(Oxidation)	51	3.32E-05	1	1628.931	0.22	Ovary	2R:+:20277855-20277896	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_109237	GDFDENTNYPEQK	AGAP002338-PA	-	39	0.000731075	1	1556.651	0.67	Visceras	2R:+:20278035-20278073	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_113845	IGLSHGHQVVPWGDPEALALIQR	AGAP002338-PA	-	74	1.94E-07	1	2493.337	0.24	Head	2R:+:20278098-20278166	exon=> In CDS Exon 1 of transcript AGAP002338-PA
JHU_Ag_65442	DVQVPICPLCGDPVPTPR	AGAP002339-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	36	0.004808815	1	2020.006	3.47	Head	2R:-:20279464-20279411	exon=> In CDS Exon 2 of transcript AGAP002339-PA
JHU_Ag_730	ELIRLNVLQLAAPQFR	AGAP002340-PA	-	43	3.66E-05	1	1881.115	4.15	Malpighian tubule	2R:+:20285841-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_1016	RPAAGPAEPKPEESWR	AGAP002340-PA	-	53	7.29E-05	1	1777.898	0.07	Ovary	2R:+:20287362-20287409	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_1957	QFNQALEEER	AGAP002340-PA	-	64	6.15E-06	1	1263.593	-2.59	Salivary gland	2R:+:20287050-20287079	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_2531	IEAAIAER	AGAP002340-PA	-	49	0.000132079	2	872.482	-2.35	Head	2R:+:20286915-20286938	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_3193	LKQFNQALEEER	AGAP002340-PA	-	62	9.11E-06	2	1504.776	0.61	Ovary	2R:+:20287044-20287079	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_6997	AIEDIHGLMQLSK	AGAP002340-PA	M9(Oxidation)	71	8.83E-07	1	1454.770	2.19	Ovary	2R:+:20285478-20285516	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_7356	IEAAIAER	AGAP002340-PA	-	64	5.93E-06	2	872.483	-0.32	Ovary	2R:+:20286915-20286938	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_8577	LAFLLGLQQSPSR	AGAP002340-PA	-	84	2.04E-08	2	1429.819	1.77	Visceras	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_8862	ALDTLQEVFR	AGAP002340-PA	-	76	3.83E-07	2	1191.639	1.55	Salivary gland	2R:+:20284797-20284826	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_8928	AIEDIHGLMQLSK	AGAP002340-PA	-	33	0.005298495	1	1454.769	1.26	Pupa	2R:+:20285478-20285516	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_9028	IVDEIEADPNSVYGQYIQALK	AGAP002340-PA	-	56	3.30E-05	2	2365.193	0.17	Larva	2R:+:20285952-20286014	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_11950	FADYHHLER	AGAP002340-PA	-	34	0.004176492	3	1187.561	1.52	Midgut	2R:+:20286099-20286125	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_12133	VNSHCETLYHDIAR	AGAP002340-PA	C5(Carbamidomethyl)	80	1.51E-07	1	1714.803	3.51	Malpighian tubule	2R:+:20285220-20285261	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_13258	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	140	8.90E-14	1	2544.329	1	Salivary gland	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_13906	LQEEQVR	AGAP002340-PA	-	45	0.000496463	2	901.476	2.09	Salivary gland	2R:+:20286504-20286524	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_14062	SQLVNMSVVLHR	AGAP002340-PA	M6(Oxidation)	72	5.68E-07	2	1382.759	0.9	Ovary	2R:+:20286279-20286314	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_14634	FADYHHLER	AGAP002340-PA	-	64	3.65E-06	1	1187.563	3.18	Malpighian tubule	2R:+:20286099-20286125	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_15144	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	119	1.03E-11	1	2544.328	0.71	Male reproductive organs	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA

JHU_Ag_15491	LNVLQLAAPQFR	AGAP002340-PA	-	58	4.73E-06	2	1369.801	4.17	Head	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_15503	TILLPWVK	AGAP002340-PA	-	32	0.001001034	1	969.614	0.62	Malpighian tubule	2R:+:20285154-20285177	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_16029	AIATINPNR	AGAP002340-PA	-	40	0.000526457	2	969.548	-0.06	Ovary	2R:+:20286315-20286341	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_16096	LNVLQLAAPQFR	AGAP002340-PA	-	57	1.04E-05	2	1369.796	0.43	Male reproductive organs	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_16271	QTATGQKLLK	AGAP002340-PA	Q1(Deamidated), Q6(Deamidated)	42	0.000519239	1	1089.631	14.61	Salivary gland	2R:+:20286651-20286680	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_16534	AIATINPNRK	AGAP002340-PA	-	53	2.45E-05	1	1097.647	3.67	Salivary gland	2R:+:20286315-20286344	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_17288	QFNQALEEER	AGAP002340-PA	-	52	9.78E-05	2	1263.597	0.31	Midgut	2R:+:20287050-20287079	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_17468	RLEEIPLIEK	AGAP002340-PA	-	55	7.68E-06	1	1239.731	0.18	Salivary gland	2R:+:20286825-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_20406	ANEFIDVGKK	AGAP002340-PA	-	51	0.000102537	1	1120.601	0.78	Ovary	2R:+:20284591-20284597,20284768-20284790	exon=> In CDS Exon 1 and 2 of transcript AGAP002340-PA
JHU_Ag_20735	AGNQLFHASALLK	AGAP002340-PA	-	52	5.33E-05	1	1369.756	-2.22	Malpighian tubule	2R:+:20285580-20285618	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_21831	SNAGPDEEGWTDVK	AGAP002340-PA	-	75	2.14E-07	2	1504.656	0.7	Salivary gland	2R:+:20288127-20288168	exon=> In CDS Exon 3 of transcript AGAP002340-PA
JHU_Ag_22277	TILLPWVK	AGAP002340-PA	-	28	0.002750736	2	969.613	0.25	Visceras	2R:+:20285154-20285177	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_23463	KIDYFER	AGAP002340-PA	-	36	0.00204664	2	970.500	0.78	Pupa	2R:+:20286798-20286818	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_23699	QISQVYQTIEFPRLLELAK	AGAP002340-PA	-	97	4.90E-10	1	2276.278	5.71	Malpighian tubule	2R:+:20286042-20286098	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_24904	QISQVYQTIEFPR	AGAP002340-PA	-	68	2.04E-06	2	1608.840	1.2	Male reproductive organs	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_26382	ALDTLQEVFR	AGAP002340-PA	Q6(Deamidated)	81	1.02E-07	2	1191.640	2.47	Ovary	2R:+:20284797-20284826	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_26812	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	101	7.05E-10	1	2544.325	-0.59	Midgut	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_26860	SVQDKEFWEK	AGAP002340-PA	-	43	0.0006988	1	1295.631	3.15	Pupa	2R:+:20286870-20286899	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_26923	LNVLQLAAPQFR	AGAP002340-PA	-	53	1.53E-05	2	1369.803	5.78	Larva	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_28227	NMFQLVNVGSLENVIR	AGAP002340-PA	M2(Oxidation)	116	3.08E-11	1	1848.969	2.8	Ovary	2R:+:20284950-20284997	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_28832	QISQVYQTIEFPR	AGAP002340-PA	-	72	8.09E-07	1	1608.844	3.78	Ovary	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_29321	NMFQLVNVGSLENVIR	AGAP002340-PA	M2(Oxidation)	48	0.000202982	2	1848.973	4.92	Salivary gland	2R:+:20284950-20284997	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_29523	LAFLLGLQQSPSR	AGAP002340-PA	-	96	1.23E-09	2	1429.818	0.92	Pupa	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_29678	LEEIPLIEKYLQDR	AGAP002340-PA	-	37	0.001221112	1	1758.976	7.26	Malpighian tubule	2R:+:20286828-20286869	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_33030	YVQRPENALKR	AGAP002340-PA	-	36	0.002497076	2	1373.764	-0.92	Ovary	2R:+:20284558-20284590	exon=> In CDS Exon 1 of transcript AGAP002340-PA
JHU_Ag_33034	RANEFIDVGK	AGAP002340-PA	-	57	2.92E-05	2	1148.603	-2.26	Head	2R:+:20284588-20284597,20284768-20284787	exon=> In CDS Exon 1 and 2 of transcript AGAP002340-PA
JHU_Ag_33241	QISQVYQTIEFPR	AGAP002340-PA	-	93	6.05E-09	1	1608.847	5.83	Malpighian tubule	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA

JHU_Ag_33666	LAFLLGLQQSPSR	AGAP002340-PA	-	49	7.09E-05	2	1429.817	0.32	Male reproductive organs	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_33778	RLEEIPLIEK	AGAP002340-PA	-	44	9.05E-05	2	1239.731	0.28	Male reproductive organs	2R:+:20286825-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_33838	HLYQLLEVEFDPLNLCDQVQK	AGAP002340-PA	C16(Carbamidomethyl)	96	3.25E-09	1	2601.311	3.48	Ovary	2R:+:20285889-20285951	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_34207	RLEEIPLIEK	AGAP002340-PA	-	58	3.84E-06	1	1239.728	-1.99	Head	2R:+:20286825-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_34780	AQMVHQYEENADKEHQR	AGAP002340-PA	M3(Oxidation)	97	2.20E-09	1	2128.952	2.69	Malpighian tubule	2R:+:20286369-20286419	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_36768	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	85	2.54E-08	1	2544.330	1.43	Pupa	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_38576	KLNTEEIAAR	AGAP002340-PA	-	76	3.36E-07	2	1144.632	0.22	Head	2R:+:20286705-20286734	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_39395	SNAGPDEEGWTDVK	AGAP002340-PA	-	78	1.19E-07	2	1504.658	1.92	Head	2R:+:20288127-20288168	exon=> In CDS Exon 3 of transcript AGAP002340-PA
JHU_Ag_39497	KLNTEEIAAR	AGAP002340-PA	-	65	4.42E-06	1	1144.633	1.18	Salivary gland	2R:+:20286705-20286734	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_39919	KLDEEEIR	AGAP002340-PA	-	45	0.000605079	2	1031.540	3.05	Head	2R:+:20286681-20286704	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_41768	AGNQLFHASALLK	AGAP002340-PA	-	64	3.35E-06	1	1369.760	0.8	Head	2R:+:20285580-20285618	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_42821	VNSHCETLYHDIAR	AGAP002340-PA	C5(Carbamidomethyl)	96	3.31E-09	1	1714.798	0.95	Salivary gland	2R:+:20285220-20285261	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_43353	AIATINPNR	AGAP002340-PA	-	57	1.14E-05	1	969.550	2.84	Malpighian tubule	2R:+:20286315-20286341	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_43694	AIEDIHGLMQLSK	AGAP002340-PA	M9(Oxidation)	45	0.00036255	1	1470.761	-0.77	Midgut	2R:+:20285478-20285516	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_44074	ANEFIDVGKK	AGAP002340-PA	-	43	0.000567663	2	1120.604	3.94	Malpighian tubule	2R:+:20284591-20284597,20284768-20284790	exon=> In CDS Exon 1 and 2 of transcript AGAP002340-PA
JHU_Ag_44323	QISQVYQTIEFPR	AGAP002340-PA	-	84	5.29E-08	2	1608.846	5.07	Salivary gland	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_45352	NMFQLVNVGSLENVIR	AGAP002340-PA	M2(Oxidation)	96	3.04E-09	2	1848.965	0.62	Midgut	2R:+:20284950-20284997	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_45997	YVQRPENALKR	AGAP002340-PA	-	48	0.000114497	1	1373.769	2.67	Malpighian tubule	2R:+:20284558-20284590	exon=> In CDS Exon 1 of transcript AGAP002340-PA
JHU_Ag_47646	IEAAIAER	AGAP002340-PA	-	57	3.26E-05	2	872.486	2.62	Malpighian tubule	2R:+:20286915-20286938	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_47879	ALDTLQEVFR	AGAP002340-PA	-	81	1.11E-07	2	1191.639	1.76	Malpighian tubule	2R:+:20284797-20284826	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_48144	YVQRPENALK	AGAP002340-PA	-	45	0.000422164	1	1217.668	3.31	Malpighian tubule	2R:+:20284558-20284587	exon=> In CDS Exon 1 of transcript AGAP002340-PA
JHU_Ag_49694	QISQVYQTIEFPR	AGAP002340-PA	-	61	9.11E-06	2	1608.841	2.11	Visceras	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_49769	LEEIPLIEK	AGAP002340-PA	-	41	0.000284128	1	1083.632	2.61	Salivary gland	2R:+:20286828-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_50173	KGPAAAAPANPAADEPK	AGAP002340-PA	-	65	5.40E-06	2	1575.818	3.65	Malpighian tubule	2R:+:20287410-20287460	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_50997	RPAAGPAEPKPEESWR	AGAP002340-PA	-	63	6.92E-06	1	1777.903	2.74	Salivary gland	2R:+:20287362-20287409	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_51234	SQLVNMSVVLHR	AGAP002340-PA	M6(Oxidation)	49	0.000127057	2	1398.754	1.39	Malpighian tubule	2R:+:20286279-20286314	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_51359	EDHPDGPTLQSMPSEQIR	AGAP002340-PA	M12(Oxidation)	47	0.000237106	1	2052.937	4.03	Ovary	2R:+:20286225-20286278	exon=> In CDS Exon 2 of transcript AGAP002340-PA

JHU_Ag_52511	LFQLSR	AGAP002340-PA	-	45	0.000378812	2	763.446	-0.13	Ovary	2R:+:20285619-20285636	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_54084	VNSHCETLYHDIAR	AGAP002340-PA	C5(Carbamidomethyl)	96	3.40E-09	1	1714.804	4.44	Ovary	2R:+:20285220-20285261	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_54412	AQMVHQYEENADKEHQR	AGAP002340-PA	M3(Oxidation)	45	0.000328418	1	2128.954	3.27	Ovary	2R:+:20286369-20286419	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_55890	GGGPGDAPAGTGTPR	AGAP002340-PA	-	73	7.82E-07	1	1267.605	1.88	Salivary gland	2R:+:20287698-20287742	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_57598	AIEDIHGLMQLSK	AGAP002340-PA	M9(Oxidation)	38	0.001695752	1	1470.766	2.38	Male reproductive organs	2R:+:20285478-20285516	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_58712	SHIAKEGLFQYR	AGAP002340-PA	-	61	8.77E-06	1	1448.768	2.07	Malpighian tubule	2R:+:20284914-20284949	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_59175	AGNQLFHASALLK	AGAP002340-PA	-	109	1.05E-10	1	1369.759	0.35	Ovary	2R:+:20285580-20285618	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_60033	LNVLQLAAPQFR	AGAP002340-PA	-	49	5.23E-05	2	1369.799	2.93	Visceras	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_60139	LNVLQLAAPQFR	AGAP002340-PA	-	63	1.50E-06	1	1369.801	4.62	Malpighian tubule	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_62855	TILLPWVK	AGAP002340-PA	-	32	0.001149341	2	969.614	0.81	Pupa	2R:+:20285154-20285177	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_63696	AIATINPNR	AGAP002340-PA	-	44	0.000240102	2	969.549	1.64	Male reproductive organs	2R:+:20286315-20286341	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_64094	LAFLLGLQQSPSR	AGAP002340-PA	-	67	1.01E-06	2	1429.821	3.65	Head	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_64429	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	159	1.10E-15	1	2544.332	2.22	Head	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_64549	LNVLQLAAPQFR	AGAP002340-PA	N2(Deamidated)	50	4.21E-05	1	1369.800	3.37	Salivary gland	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_64668	IVDEIEADPNSVYGQYIQALK	AGAP002340-PA	-	90	1.46E-08	1	2365.202	4.2	Ovary	2R:+:20285952-20286014	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_65830	AGNQLFHASALLK	AGAP002340-PA	-	52	4.55E-05	1	1369.758	-0.22	Visceras	2R:+:20285580-20285618	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_66715	LFQLSR	AGAP002340-PA	-	43	0.000589418	2	763.446	-0.21	Salivary gland	2R:+:20285619-20285636	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_67825	SNAGPDEEGWTDVK	AGAP002340-PA	-	85	2.32E-08	2	1504.657	1.03	Ovary	2R:+:20288127-20288168	exon=> In CDS Exon 3 of transcript AGAP002340-PA
JHU_Ag_67903	MAFQFCLK	AGAP002340-PA	C6(Carbamidomethyl),"M1(Oxidation), C6(Carbamidomethyl)"	47	0.000207463	2	1060.496	0.27	Ovary	2R:+:20285262-20285285	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_69168	AIATINPNR	AGAP002340-PA	-	55	1.80E-05	1	969.548	0.63	Salivary gland	2R:+:20286315-20286341	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_70061	TILLPWVK	AGAP002340-PA	-	26	0.004049943	2	969.617	4.02	Larva	2R:+:20285154-20285177	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_70826	IVDEIEADPNSVYGQYIQALK	AGAP002340-PA	-	61	1.28E-05	1	2365.188	-1.79	Head	2R:+:20285952-20286014	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_71360	ALDTLQEVFR	AGAP002340-PA	-	64	6.16E-06	2	1191.637	-0.29	Male reproductive organs	2R:+:20284797-20284826	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_71447	IVDEIEADPNSVYGQYIQALK	AGAP002340-PA	-	60	1.37E-05	2	2365.191	-0.66	Visceras	2R:+:20285952-20286014	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_72107	SVQDKEFWEK	AGAP002340-PA	-	71	1.02E-06	1	1295.625	-1.65	Ovary	2R:+:20286870-20286899	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_72618	IEAAIAER	AGAP002340-PA	-	67	3.04E-06	2	872.488	5.42	Salivary gland	2R:+:20286915-20286938	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_73018	TILLPWVK	AGAP002340-PA	-	37	0.000327679	2	969.614	1.13	Midgut	2R:+:20285154-20285177	exon=> In CDS Exon 2 of transcript AGAP002340-PA

JHU_Ag_73323	KIDYFER	AGAP002340-PA	-	35	0.002754491	1	970.502	2.79	Ovary	2R:+:20286798-20286818	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_73374	SNAGPDEEGWTDVKHR	AGAP002340-PA	-	59	1.41E-05	1	1797.819	2.14	Malpighian tubule	2R:+:20288127-20288174	exon=> In CDS Exon 3 of transcript AGAP002340-PA
JHU_Ag_74488	AIATINPNRK	AGAP002340-PA	-	52	2.86E-05	1	1097.643	-0.11	Pupa	2R:+:20286315-20286344	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_75006	LNTEEIAAR	AGAP002340-PA	-	45	0.000562195	2	1016.537	-0.05	Salivary gland	2R:+:20286708-20286734	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_75712	GPAAAAPANPAADEPK	AGAP002340-PA	-	60	1.64E-05	1	1447.719	0.77	Salivary gland	2R:+:20287413-20287460	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_76159	AIEDIHGLMQLSK	AGAP002340-PA	M9(Oxidation)	52	6.49E-05	2	1470.767	3.46	Salivary gland	2R:+:20285478-20285516	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_76666	IVDEIEADPNSVYGQYIQALK	AGAP002340-PA	-	53	7.99E-05	2	2365.185	-3.03	Salivary gland	2R:+:20285952-20286014	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_78298	KGPAAAAPANPAADEPK	AGAP002340-PA	-	80	1.43E-07	1	1575.820	4.35	Ovary	2R:+:20287410-20287460	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_78919	GGGPGDAPAGTGTPR	AGAP002340-PA	-	109	1.86E-10	1	1267.606	2.94	Malpighian tubule	2R:+:20287698-20287742	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_78968	QISQVYQTIEFPR	AGAP002340-PA	-	67	2.62E-06	1	1608.840	1.05	Pupa	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_79147	AQMVHQYEENADK	AGAP002340-PA	M3(Oxidation)	65	2.25E-06	1	1578.688	1.47	Head	2R:+:20286369-20286407	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_79797	LAFLLGLQQSPSR	AGAP002340-PA	-	66	1.01E-06	1	1429.824	5.27	Larva	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_80209	EARPAQENVPPR	AGAP002340-PA	-	61	1.21E-05	1	1363.712	3.26	Malpighian tubule	2R:+:20288007-20288031,20288116-20288126	exon=> In CDS Exon 2 and 3 of transcript AGAP002340-PA
JHU_Ag_80566	RLEEIPLIEK	AGAP002340-PA	-	60	2.11E-06	2	1239.732	0.97	Pupa	2R:+:20286825-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_81172	FADYHHLER	AGAP002340-PA	-	68	1.39E-06	2	1187.557	-1.96	Head	2R:+:20286099-20286125	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_81447	TILLPWVK	AGAP002340-PA	-	34	0.000690954	2	969.615	2.14	Salivary gland	2R:+:20285154-20285177	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_81958	LEEIPLIEK	AGAP002340-PA	-	36	0.00146234	2	1083.631	1.6	Malpighian tubule	2R:+:20286828-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_82818	ANEFIDVGKK	AGAP002340-PA	-	69	1.79E-06	1	1120.600	0.23	Salivary gland	2R:+:20284591-20284597,20284768-20284790	exon=> In CDS Exon 1 and 2 of transcript AGAP002340-PA
JHU_Ag_83240	LAFLLGLQQSPSR	AGAP002340-PA	-	100	4.58E-10	1	1429.824	5.7	Malpighian tubule	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_83565	ERRPAAGPAEPKPEESWR	AGAP002340-PA	-	68	1.97E-06	1	2063.045	1.57	Malpighian tubule	2R:+:20287356-20287409	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_83853	LEEIPLIEK	AGAP002340-PA	-	43	0.000297885	2	1083.629	-0.31	Ovary	2R:+:20286828-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_84692	YVQRPENALK	AGAP002340-PA	-	36	0.003676895	1	1217.668	3.31	Ovary	2R:+:20284558-20284587	exon=> In CDS Exon 1 of transcript AGAP002340-PA
JHU_Ag_85135	AIATINPNRK	AGAP002340-PA	-	43	0.000242824	1	1097.647	4.34	Malpighian tubule	2R:+:20286315-20286344	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_85232	KLDEEEIR	AGAP002340-PA	-	39	0.002255059	2	1031.540	2.69	Malpighian tubule	2R:+:20286681-20286704	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_85431	SVQDKEFWEK	AGAP002340-PA	-	33	0.007109971	1	1295.627	0.04	Midgut	2R:+:20286870-20286899	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_85911	RLEEIPLIEK	AGAP002340-PA	-	40	0.000255983	1	1239.736	4.32	Midgut	2R:+:20286825-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_86236	LAMVFWK	AGAP002340-PA	-	35	0.002613109	1	894.495	4.63	Malpighian tubule	2R:+:20285559-20285579	exon=> In CDS Exon 2 of transcript AGAP002340-PA

JHU_Ag_86630	AGNQLFHASALLK	AGAP002340-PA	-	90	8.04E-09	1	1369.762	2.22	Salivary gland	2R:+:20285580-20285618	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_87531	MAFQFCLK	AGAP002340-PA	M1(Oxidation), C6(Carbamidomethyl)	42	0.000640368	2	1060.498	2.11	Salivary gland	2R:+:20285262-20285285	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_88259	HNDMQITIDHR	AGAP002340-PA	M4(Oxidation)	59	1.50E-05	1	1395.635	-5.85	Head	2R:+:20286147-20286179	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_88285	FIETDKSPMEK	AGAP002340-PA	M9(Oxidation)	57	2.43E-05	2	1340.639	-0.74	Ovary	2R:+:20285745-20285777	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_89316	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	119	1.00E-11	1	2544.337	3.95	Larva	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_89572	GGGPGDAPAGTGTPR	AGAP002340-PA	-	69	1.84E-06	2	1267.603	0.25	Ovary	2R:+:20287698-20287742	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_89594	LNVLQLAAPQFR	AGAP002340-PA	-	78	7.04E-08	2	1369.794	-0.55	Midgut	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_89782	RLEAENEER	AGAP002340-PA	-	46	0.000275696	2	1145.554	-0.74	Ovary	2R:+:20286549-20286575	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_90751	LKQFNQALEEER	AGAP002340-PA	-	75	5.02E-07	1	1504.783	5.15	Malpighian tubule	2R:+:20287044-20287079	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_92539	WNYNWSESIIEPVMFK	AGAP002340-PA	M14(Oxidation)	95	4.75E-09	2	2058.967	1.96	Ovary	2R:+:20284836-20284883	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_93754	QISQVYQTIEFPR	AGAP002340-PA	-	96	3.51E-09	2	1608.837	-0.92	Midgut	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_93860	KLNTEEIAAR	AGAP002340-PA	-	47	0.000286137	2	1144.636	2.99	Malpighian tubule	2R:+:20286705-20286734	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_94006	KGPAAAAPANPAADEPK	AGAP002340-PA	-	75	4.76E-07	1	1575.813	-0.07	Head	2R:+:20287410-20287460	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_94390	SVQDKEFWEK	AGAP002340-PA	-	52	9.78E-05	1	1295.626	-0.43	Salivary gland	2R:+:20286870-20286899	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_94578	DVTLVR	AGAP002340-PA	-	35	0.003939864	1	702.416	1.63	Ovary	2R:+:20286015-20286032	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_95227	IEAAIAER	AGAP002340-PA	-	59	1.90E-05	2	872.484	-0.11	Pupa	2R:+:20286915-20286938	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_95808	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	Q4(Deamidated),N7(Deamidated)	196	1.90E-19	1	2544.336	3.73	Ovary	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_96235	ANEFIDVGK	AGAP002340-PA	-	69	2.28E-06	2	992.505	0.02	Salivary gland	2R:+:20284591-20284597,20284768-20284787	exon=> In CDS Exon 1 and 2 of transcript AGAP002340-PA
JHU_Ag_96763	ALDTLQEVFR	AGAP002340-PA	-	66	3.57E-06	2	1191.638	1.04	Pupa	2R:+:20284797-20284826	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_97936	SQLVNMSVVLHR	AGAP002340-PA	M6(Oxidation)	58	1.71E-05	2	1398.754	1.13	Salivary gland	2R:+:20286279-20286314	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_98275	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	122	5.13E-12	1	2544.341	5.53	Malpighian tubule	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_98338	KNVWQGSGR	AGAP002340-PA	-	48	0.000352988	1	1031.541	3.06	Malpighian tubule	2R:+:20287461-20287487	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_99283	LAFLLGLQQSPSR	AGAP002340-PA	-	63	3.02E-06	1	1429.820	2.8	Midgut	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_99945	ALDTLQEVFR	AGAP002340-PA	-	83	6.64E-08	2	1191.638	1.14	Visceras	2R:+:20284797-20284826	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_101392	IVDEIEADPNSVYGQYIQALK	AGAP002340-PA	-	79	1.88E-07	2	2365.202	3.99	Midgut	2R:+:20285952-20286014	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_101994	VSSQTANVTISKPETQQLNLETR	AGAP002340-PA	-	97	1.58E-09	1	2544.331	1.64	Visceras	2R:+:20285355-20285423	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_102018	LNVLQLAAPQFR	AGAP002340-PA	Q10(Deamidated)	62	3.06E-06	1	1369.797	1.14	Ovary	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA

JHU_Ag_102447	TILLPWVK	AGAP002340-PA	-	32	0.000973832	1	969.617	4.09	Ovary	2R:+:20285154-20285177	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_103130	KIDYFER	AGAP002340-PA	-	35	0.002922961	2	970.495	-4.38	Head	2R:+:20286798-20286818	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_103961	ARALDTLQEVFR	AGAP002340-PA	-	42	0.000633466	2	1418.782	5.05	Malpighian tubule	2R:+:20284791-20284826	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_103966	IVDEIEADPNSVYGQYIQALK	AGAP002340-PA	-	51	0.000109306	2	2365.204	4.92	Pupa	2R:+:20285952-20286014	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_104612	GGGPGDAPAGTGTPR	AGAP002340-PA	-	75	5.31E-07	1	1267.602	-0.24	Head	2R:+:20287698-20287742	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_104659	ALLLKELIR	AGAP002340-PA	-	41	1.95E-05	1	1068.718	3.69	Malpighian tubule	2R:+:20285826-20285852	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_104749	RLEEIPLIEK	AGAP002340-PA	-	63	1.22E-06	1	1239.731	-0.02	Malpighian tubule	2R:+:20286825-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_104964	HLEDICK	AGAP002340-PA	C6(Carbamidomethyl)	45	0.000239988	1	914.443	2.72	Malpighian tubule	2R:+:20285334-20285354	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_105227	EGLFQYR	AGAP002340-PA	-	39	0.001362236	2	912.457	-0.64	Ovary	2R:+:20284929-20284949	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_105945	FLWESYCQCLELLK	AGAP002340-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	66	4.90E-06	2	1888.907	5.3	Ovary	2R:+:20285178-20285219	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_107086	SQLVNMSVVLHR	AGAP002340-PA	-	69	9.87E-07	1	1382.757	-0.42	Midgut	2R:+:20286279-20286314	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_108872	AIATINPNRK	AGAP002340-PA	-	48	8.32E-05	1	1097.643	-0.11	Ovary	2R:+:20286315-20286344	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_110353	NMFQLVNVGSLENVIR	AGAP002340-PA	M2(Oxidation)	74	4.95E-07	2	1848.974	5.51	Head	2R:+:20284950-20284997	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_111330	MAFQFCLK	AGAP002340-PA	C6(Carbamidomethyl)	34	0.003115193	1	1044.501	0.66	Malpighian tubule	2R:+:20285262-20285285	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_112821	LKQFNQALEEER	AGAP002340-PA	-	49	0.000189683	1	1504.776	0.44	Salivary gland	2R:+:20287044-20287079	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_113118	LAFLLGLQQSPSR	AGAP002340-PA	Q8(Deamidated),Q9(Deamidated)	97	1.07E-09	1	1429.817	0.66	Ovary	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_113212	RLEEIPLIEK	AGAP002340-PA	-	69	3.02E-07	1	1239.731	0.57	Ovary	2R:+:20286825-20286854	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_113417	QISQVYQTIEFPR	AGAP002340-PA	-	84	4.59E-08	1	1608.845	4.01	Head	2R:+:20286042-20286080	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_113525	RPAAGPAEPKPEESWR	AGAP002340-PA	-	53	7.89E-05	2	1777.905	3.99	Malpighian tubule	2R:+:20287362-20287409	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_113653	LNTEEIAAR	AGAP002340-PA	-	66	4.15E-06	2	1016.537	-0.17	Ovary	2R:+:20286708-20286734	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_114338	LAFLLGLQQSPSR	AGAP002340-PA	-	84	2.22E-08	1	1429.822	3.99	Salivary gland	2R:+:20285787-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_115081	GPAAAAPANPAADEPKK	AGAP002340-PA	-	47	0.000274418	1	1575.819	3.8	Head	2R:+:20287413-20287463	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_116432	AQRLAFLLGLQQSPSR	AGAP002340-PA	-	42	0.000253531	3	1785.020	3.95	Malpighian tubule	2R:+:20285778-20285825	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_116516	LNVLQLAAPQFR	AGAP002340-PA	-	45	0.000150471	2	1369.795	-0.37	Pupa	2R:+:20285853-20285888	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_116568	FIETDKSPMEK	AGAP002340-PA	M9(Oxidation)	50	0.000132916	2	1340.642	1.09	Head	2R:+:20285745-20285777	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_117155	LAMVFWK	AGAP002340-PA	M3(Oxidation)	46	0.000233068	2	910.485	-0.19	Ovary	2R:+:20285559-20285579	exon=> In CDS Exon 2 of transcript AGAP002340-PA
JHU_Ag_59555	VAKEEVQVSLGPQVR	AGAP002346-PA	-	113	2.02E-11	1	1638.918	0.13	Male reproductive organs	2R:-:20503304-20503260	exon=> In CDS Exon 1 of transcript AGAP002346-PA
JHU_Ag_98931	VAKEEVQVSLGPQVR	AGAP002346-PA	-	90	3.95E-09	1	1638.925	4.6	Malpighian tubule	2R:-:20503304-20503260	exon=> In CDS Exon 1 of transcript AGAP002346-PA

JHU_Ag_100363	VAKEEVQVSLGPQVR	AGAP002346-PA	-	51	3.16E-05	1	1638.917	-0.17	Visceras	2R:-:20503304-20503260	exon=> In CDS Exon 1 of transcript AGAP002346-PA
JHU_Ag_3363	IEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	85	4.88E-08	1	1429.718	0.84	Head	2R:-:20502941-20502903;X:-:11703447-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_9077	EEVQVSLGPQVR	AGAP002346-PA,AGAP000655-PA	-	63	5.54E-06	1	1340.718	1.13	Male reproductive organs	2R:-:20503295-20503260;X:-:11703909-11703874	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_11483	IGRIEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	72	6.23E-07	1	1755.932	4.51	Malpighian tubule	2R:-:20502950-20502903;X:-:11703456-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_15756	IEDVTPIPSDSTRR	AGAP002346-PA,AGAP000655-PA	-	54	4.41E-05	1	1585.820	0.89	Malpighian tubule	2R:-:20502941-20502900;X:-:11703447-11703406	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_19154	IEDVTPIPSDSTRR	AGAP002346-PA,AGAP000655-PA	-	63	5.64E-06	1	1585.822	2.73	Male reproductive organs	2R:-:20502941-20502900;X:-:11703447-11703406	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_20534	DEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M9(Oxidation)	128	2.08E-12	1	1895.873	2.04	Head	2R:-:20503127-20503074;X:-:11703741-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_21374	TPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	64	3.65E-06	1	1054.566	1.48	Visceras	2R:-:20503007-20502975;X:-:11703513-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_22564	TKTPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	38	0.001442639	1	1283.707	0.3	Male reproductive organs	2R:-:20503013-20502975;X:-:11703519-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_23801	IEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	88	2.20E-08	1	1429.718	0.93	Malpighian tubule	2R:-:20502941-20502903;X:-:11703447-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_24075	TPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	77	1.87E-07	1	1054.565	1.01	Malpighian tubule	2R:-:20503007-20502975;X:-:11703513-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_25257	TPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	73	4.40E-07	1	1054.564	0.2	Ovary	2R:-:20503007-20502975;X:-:11703513-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_25444	IEDVTPIPSDSTRR	AGAP002346-PA,AGAP000655-PA	-	55	3.73E-05	1	1585.816	-1.32	Midgut	2R:-:20502941-20502900;X:-:11703447-11703406	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_28125	ADRDEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M12(Oxidation)	119	1.95E-11	1	2222.040	0.04	Midgut	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA

JHU_Ag_30316	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	77	3.41E-08	1	1052.648	1.15	Ovary	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_31783	DEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M9(Oxidation)	47	0.000317167	1	1895.870	0.23	Larva	2R:-:20503127-20503074;X:-:11703741-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_35413	EEVQVSLGPQVR	AGAP002346-PA,AGAP000655-PA	-	46	0.000248085	2	1340.717	-0.15	Visceras	2R:-:20503295-20503260;X:-:11703909-11703874	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_38253	DEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M9(Oxidation)	152	8.51E-15	1	1895.872	1.71	Ovary	2R:-:20503127-20503074;X:-:11703741-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_38400	DGEVVFGVAHIYASFNDTFVHVTDLSGK	AGAP002346-PA,AGAP000655-PA	-	132	7.59E-13	1	3024.474	-0.08	Midgut	2R:-:20503259-20503176;X:-:11703873-11703790	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_39133	TPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	68	1.59E-06	1	1054.563	-0.72	Midgut	2R:-:20503007-20502975;X:-:11703513-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_41144	ADRDEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M12(Oxidation)	37	0.002682726	3	2238.034	-0.34	Larva	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_44561	TKTPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	74	2.83E-07	1	1283.709	1.96	Malpighian tubule	2R:-:20503013-20502975;X:-:11703519-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_44976	IEDVTPIPSDSTRR	AGAP002346-PA,AGAP000655-PA	-	49	0.000151007	1	1585.841	14.39	Ovary	2R:-:20502941-20502900;X:-:11703447-11703406	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_45244	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	75	4.58E-08	1	1052.652	5.55	Midgut	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_46959	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	53	7.83E-06	1	1052.649	2.18	Larva	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_47125	DEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M9(Oxidation)	85	4.12E-08	2	1895.867	-0.93	Male reproductive organs	2R:-:20503127-20503074;X:-:11703741-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_50297	EEVQVSLGPQVR	AGAP002346-PA,AGAP000655-PA	Q10(Deamidated),Q4(Deamidated),"Q4(Deamidated), Q10(Deamidated)"	67	2.32E-06	2	1341.702	1.12	Ovary	2R:-:20503295-20503260;X:-:11703909-11703874	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA

JHU_Ag_50557	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	68	2.99E-07	1	1052.646	-0.36	Salivary gland	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_51307	IGRIEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	37	0.002215269	2	1755.920	-2.23	Midgut	2R:-:20502950-20502903;X:-:11703456-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_55580	ADRDEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M12(Oxidation)	90	1.28E-08	1	2238.035	0.31	Head	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_58080	DGEVVFGVAHIYASFNDTFVHVTDLSGK	AGAP002346-PA,AGAP000655-PA	-	215	4.23E-21	1	3024.470	-1.29	Ovary	2R:-:20503259-20503176;X:-:11703873-11703790	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_58166	EEVQVSLGPQVR	AGAP002346-PA,AGAP000655-PA	-	58	1.39E-05	2	1340.716	-0.69	Midgut	2R:-:20503295-20503260;X:-:11703909-11703874	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_58920	TKTPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	29	0.009325 27	1	1283.707	0.59	Midgut	2R:-:20503013-20502975;X:-:11703519-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_59121	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	66	4.15E-07	1	1052.648	1.38	Head	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_60237	IEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	47	0.000303959	2	1429.719	1.27	Visceras	2R:-:20502941-20502903;X:-:11703447-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_64337	ADRDEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M12(Oxidation)	104	5.56E-10	1	2238.036	0.72	Male reproductive organs	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_66633	ADRDEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M12(Oxidation)	90	1.26E-08	1	2238.039	2.03	Visceras	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_66731	SLGITALHIKLR	AGAP002346-PA,AGAP000655-PA	-	70	6.78E-08	1	1321.837	4.14	Malpighian tubule	2R:-:20503067-20503032;X:-:11703573-11703538	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_72843	ADRDEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	M12(Oxidation)	132	8.67E-13	1	2238.037	1.3	Ovary	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_73377	IEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	50	0.000148629	1	1429.718	0.59	Salivary gland	2R:-:20502941-20502903;X:-:11703447-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA

JHU_Ag_77341	EEVQVSLGPQVR	AGAP002346-PA,AGAP000655-PA	-	68	1.65E-06	1	1340.718	0.73	Head	2R:-:20503295-20503260;X:-:11703909-11703874	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_79105	IEDVTPIPSDSTRR	AGAP002346-PA,AGAP000655-PA	-	41	0.000938483	1	1585.818	0.04	Head	2R:-:20502941-20502900;X:-:11703447-11703406	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_86132	TPGPGAQSALRALAR	AGAP002346-PA,AGAP000655-PA	-	33	0.002619365	1	1465.828	2.78	Malpighian tubule	2R:-:20503007-20502963;X:-:11703513-11703469	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_87646	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	76	5.17E-08	1	1052.646	-0.13	Male reproductive organs	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_89021	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	75	5.65E-08	1	1052.647	0.22	Visceras	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_89298	IEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	57	2.58E-05	2	1429.718	0.42	Male reproductive organs	2R:-:20502941-20502903;X:-:11703447-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_91655	IEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	56	3.65E-05	2	1429.721	2.55	Midgut	2R:-:20502941-20502903;X:-:11703447-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_92203	TKTPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	38	0.001304269	1	1283.706	-0.74	Head	2R:-:20503013-20502975;X:-:11703519-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_94761	TPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	57	2.03E-05	1	1054.563	-0.84	Head	2R:-:20503007-20502975;X:-:11703513-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_99539	IEDVTPIPSDSTRR	AGAP002346-PA,AGAP000655-PA	-	55	3.79E-05	1	1585.822	2.66	Visceras	2R:-:20502941-20502900;X:-:11703447-11703406	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_100492	IEDVTPIPSDSTR	AGAP002346-PA,AGAP000655-PA	-	88	2.28E-08	1	1429.718	0.5	Ovary	2R:-:20502941-20502903;X:-:11703447-11703409	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_101401	TPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	65	3.34E-06	1	1054.564	-0.03	Male reproductive organs	2R:-:20503007-20502975;X:-:11703513-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_103471	SLGITALHIK	AGAP002346-PA,AGAP000655-PA	-	57	3.98E-06	1	1052.648	1.66	Malpighian tubule	2R:-:20503067-20503038;X:-:11703573-11703544	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA

JHU_Ag_103957	ADRDEASPYAAMLAAQDVAEK	AGAP002346-PA,AGAP000655-PA	-	112	9.81E-11	2	2222.048	3.77	Malpighian tubule	2R:-:20503136-20503074;X:-:11703750-11703942,11703376-11703580	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000655-PA
JHU_Ag_113130	TPGPGAQSALR	AGAP002346-PA,AGAP000655-PA	-	64	3.90E-06	1	1054.564	-0.03	Salivary gland	2R:-:20503007-20502975;X:-:11703513-11703481	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 2 of transcript AGAP000655-PA
JHU_Ag_115163	EEVQVSLGPQVR	AGAP002346-PA,AGAP000655-PA	-	49	0.000140152	2	1340.718	0.85	Malpighian tubule	2R:-:20503295-20503260;X:-:11703909-11703874	exon=> In CDS Exon 1 of transcript AGAP002346-PA;exon=> In CDS Exon 1 of transcript AGAP000655-PA
JHU_Ag_4430	DPGLVGLLTTDNIPR	AGAP002347-PA	-	73	3.50E-07	2	1580.866	0.76	Salivary gland	2R:-:20504522-20504478	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_20247	DPGLVGLLTTDNIPR	AGAP002347-PA	-	98	1.15E-09	1	1580.863	-0.71	Malpighian tubule	2R:-:20504522-20504478	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_36171	DPGLVGLLTTDNIPR	AGAP002347-PA	-	70	6.32E-07	2	1580.865	0.45	Midgut	2R:-:20504522-20504478	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_41776	IGQMEIEIR	AGAP002347-PA	M4(Oxidation)	62	8.56E-06	2	1104.570	-1.67	Malpighian tubule	2R:-:20504330-20504304	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_58625	THPSGLILVTDAISAMGLAEGR	AGAP002347-PA	M16(Oxidation)	94	4.48E-09	1	2225.161	0.47	Malpighian tubule	2R:-:20504402-20504337	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_62714	ASNCSIEYALEAASLHPAR	AGAP002347-PA	C4(Carbamidomethyl)	76	3.93E-07	1	2059.998	5.52	Ovary	2R:-:20504219-20504534,20503945-20504095	exon=> In CDS Exon 5 and 4 of transcript AGAP002347-PA
JHU_Ag_69729	DPGLVGLLTTDNIPR	AGAP002347-PA	-	71	5.71E-07	2	1580.868	2.38	Head	2R:-:20504522-20504478	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_74810	EVYGSMDNVQIITLAPEK	AGAP002347-PA	M6(Oxidation)	118	2.37E-11	1	2023.007	0.77	Malpighian tubule	2R:-:20504828-20504775	exon=> In CDS Exon 3 of transcript AGAP002347-PA
JHU_Ag_81459	DPGLVGLLTTDNIPR	AGAP002347-PA	-	42	0.000536613	2	1580.862	-1.41	Ovary	2R:-:20504522-20504478	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_81657	GLLAHGVTSFCPTLVTSPPETYHAVLPR	AGAP002347-PA	C11(Carbamidomethyl)	49	0.000129363	1	3020.575	2.73	Malpighian tubule	2R:-:20505123-20505040	exon=> In CDS Exon 2 of transcript AGAP002347-PA
JHU_Ag_83904	ASNCSIEYALEAASLHPAR	AGAP002347-PA	C4(Carbamidomethyl)	85	5.43E-08	1	2059.995	4.28	Malpighian tubule	2R:-:20504219-20504534,20503945-20504095	exon=> In CDS Exon 5 and 4 of transcript AGAP002347-PA
JHU_Ag_91809	DALVYFGIISDGVHTHPAALR	AGAP002347-PA	-	92	5.69E-09	1	2252.182	-0.13	Malpighian tubule	2R:-:20504477-20504415	exon=> In CDS Exon 4 of transcript AGAP002347-PA
JHU_Ag_99113	SSSTVALADADKK	AGAP002347-PA	N-Term(Acetyl)	71	1.69E-06	2	1334.680	0.36	Malpighian tubule	2R:-:20505495-20505457	exon=> In CDS Exon 1 of transcript AGAP002347-PA
JHU_Ag_100351	SSSTVALADADKK	AGAP002347-PA	N-Term(Acetyl)	69	2.76E-06	2	1334.679	-0.65	Ovary	2R:-:20505495-20505457	exon=> In CDS Exon 1 of transcript AGAP002347-PA
JHU_Ag_18095	IAIADPTYLEER	AGAP002348-PA	-	52	0.000101906	1	1390.719	-1.47	Ovary	2R:-:20507118-20507083	exon=> In CDS Exon 2 of transcript AGAP002348-PA
JHU_Ag_72184	RPDITVDGEDVIVHTIEEK	AGAP002348-PA	-	65	4.47E-06	1	2165.116	3.58	Ovary	2R:-:20507244-20507188	exon=> In CDS Exon 2 of transcript AGAP002348-PA
JHU_Ag_88346	RPDITVDGEDVIVHTIEEK	AGAP002348-PA	-	59	1.80E-05	1	2165.108	-0.48	Head	2R:-:20507244-20507188	exon=> In CDS Exon 2 of transcript AGAP002348-PA
JHU_Ag_89539	ATRPNEGMLFLNVELGPMAAPHFDGGR	AGAP002348-PA	M8(Oxidation), M18(Oxidation)	36	0.003284591	1	2929.440	10.6	Ovary	2R:-:20507526-20507446	exon=> In CDS Exon 2 of transcript AGAP002348-PA

JHU_Ag_3048	KLFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	67	2.18E-06	2	1368.720	2.95	Pupa	2R:+:20528290-20528304,20529019-20529039;2R:+:20528290-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_5489	LFEGGFDTLNKEVLEK	AGAP002350-PA,AGAP002350-PB	-	141	8.93E-14	1	1838.959	3.11	Head	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_7203	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	81	1.07E-07	2	1240.617	-3.05	Midgut	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_13564	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	86	3.11E-08	2	1240.623	1.68	Pupa	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_17586	LFEGGFDTLNKEVLEK	AGAP002350-PA,AGAP002350-PB	-	131	8.09E-13	1	1838.958	2.38	Male reproductive organs	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_19605	LFEGGFDTLNKEVLEK	AGAP002350-PA,AGAP002350-PB	-	112	7.09E-11	1	1838.959	2.98	Malpighian tubule	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_28172	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	78	1.82E-07	2	1240.624	2.56	Visceras	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_31964	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	93	5.76E-09	2	1240.621	0.1	Head	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB

JHU_Ag_37844	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	47	0.000235211	2	1240.623	1.78	Malpighian tubule	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_40533	KLFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	43	0.000543658	2	1368.720	3.22	Larva	2R:+:20528290-20528304,20529019-20529039;2R:+:20528290-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_42892	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	82	8.11E-08	2	1240.621	0	Male reproductive organs	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_44672	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	79	1.68E-07	2	1240.619	-1.47	Ovary	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_48679	LFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	78	1.85E-07	2	1240.627	4.83	Larva	2R:+:20528293-20528304,20529019-20529039;2R:+:20528293-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_50333	LFEGGFDTLNKEVLEK	AGAP002350-PA,AGAP002350-PB	-	132	7.13E-13	1	1838.956	1.45	Visceras	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_52177	KLFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	65	3.70E-06	1	1368.714	-1.16	Ovary	2R:+:20528290-20528304,20529019-20529039;2R:+:20528290-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_56137	LFEGGFDTLNKEVLEK	AGAP002350-PA,AGAP002350-PB	-	88	1.57E-08	1	1838.974	11.21	Larva	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB

JHU_Ag_89956	LFEGGFDTLNKEVLEK	AGAP002350-PA,AGAP002350-PB	-	118	1.67E-11	1	1838.961	4.24	Ovary	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_89988	LFEGGFDTLNKEVLEK	AGAP002350-PA,AGAP002350-PB	-	110	1.00E-10	1	1838.968	7.96	Pupa	2R:+:20528293-20528304,20529019-20529054;2R:+:20528293-20528304,20529019-20529054	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_94254	KLFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	61	9.37E-06	2	1368.717	1.08	Visceras	2R:+:20528290-20528304,20529019-20529039;2R:+:20528290-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_108485	KLFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	73	5.27E-07	1	1368.715	-0.44	Male reproductive organs	2R:+:20528290-20528304,20529019-20529039;2R:+:20528290-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_111910	KLFEGGFDTLNK	AGAP002350-PA,AGAP002350-PB	-	90	1.10E-08	2	1368.720	3.22	Head	2R:+:20528290-20528304,20529019-20529039;2R:+:20528290-20528304,20529019-20529039	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PB
JHU_Ag_9232	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-Term(Acetyl)	93	1.84E-09	1	1943.808	-3.43	Midgut	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PE
JHU_Ag_35965	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-Term(Acetyl)	88	7.55E-09	1	1943.818	1.97	Male reproductive organs	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PE
JHU_Ag_61438	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-Term(Acetyl)	115	1.38E-11	1	1943.815	0.4	Visceras	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PE

JHU_Ag_63404	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-Term(Acetyl)	110	3.77E-11	1	1943.808	-3.18	Head	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PE
JHU_Ag_64832	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-Term(Acetyl)	108	7.54E-11	1	1943.817	1.53	Ovary	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PE
JHU_Ag_71787	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-Term(Acetyl)	110	4.18E-11	1	1943.816	0.97	Malpighian tubule	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PE
JHU_Ag_73516	SDDEEYSGDDPEFIKR	AGAP002350-PA,AGAP002350-PE	N-Term(Acetyl)	110	4.21E-11	1	1943.816	0.97	Pupa	2R:+:20520810-20520829,20527272-20527299;2R:+:20520810-20520829,20527272-20527299	exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002350-PE
JHU_Ag_278	GLDPEALTGKYPPK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	104	5.41E-10	1	1485.796	0.99	Visceras	2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229	exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PE;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PD
JHU_Ag_320	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	54	4.84E-05	2	1189.651	3.62	Larva	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_343	GLDPEALTGKYPPK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	86	3.09E-08	1	1485.798	1.81	Pupa	2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229	exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PE;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PD
JHU_Ag_2678	IQVASK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	44	0.000425812	1	645.394	2.04	Male reproductive organs	2R:+:20528230-20528247;2R:+:20528230-20528247;2R:+:20528230-20528247;2R:+:20528230-20528247	exon=> In CDS Exon 5 of transcript AGAP002350-PA;exon=> In CDS Exon 5 of transcript AGAP002350-PE;exon=> In CDS Exon 7 of transcript AGAP002350-PB;exon=> In CDS Exon 7 of transcript AGAP002350-PC;exon=> In CDS Exon 6 of transcript AGAP002350-PD
JHU_Ag_3310	KISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	42	0.000131275	1	850.517	2.47	Male reproductive organs	2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_3421	AKEEDELK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	45	0.000690193	1	961.487	2.95	Male reproductive organs	2R:+:20527369-20527392;2R:+:20527369-20527392;2R:+:20527369-20527392;2R:+:20527369-20527392	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_3736	TKEQLEEEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	50	0.000168843	2	1133.567	-1.71	Head	2R:+:20527771-20527797;2R:+:20527771-20527797;2R:+:20527771-20527797;2R:+:20527771-20527797	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_4401	GLDPEALTGKYPPK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	111	1.16E-10	1	1485.795	0.09	Head	2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229	exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PE;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PD
JHU_Ag_6012	QAMLQAMK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M3(Oxidation), M7(Oxidation)	40	0.001247426	2	952.460	0.56	Ovary	2R:+:20527564-20527587;2R:+:20527564-20527587;2R:+:20527564-20527587;2R:+:20527564-20527587	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_6613	RSDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	51	0.000117	2	1103.569	-0.04	Visceras	2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_6651	GPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	66	3.09E-06	1	877.477	-1.39	Ovary	2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_10756	SDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	51	0.000127795	2	947.468	-0.25	Ovary	2R:+:20527315-20527338;2R:+:20527315-20527338;2R:+:20527315-20527338;2R:+:20527315-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD

JHU_Ag_11104	SDLDEQLKEYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	121	1.29E-11	1	1937.929	2.32	Pupa	2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_11232	KISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	43	0.000241099	1	850.514	-1.12	Ovary	2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_11787	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	41	0.000667236	2	722.419	-1.41	Visceras	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_11979	TKEQLEEEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	52	9.46E-05	1	1133.568	-0.31	Ovary	2R:+:20527771-20527797;2R:+:20527771-20527797;2R:+:20527771-20527797;2R:+:20527771-20527797	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_12946	SDLDEQLKEYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	121	1.41E-11	1	1937.924	-0.02	Male reproductive organs	2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_13893	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	113	3.20E-11	1	1612.891	0.38	Male reproductive organs	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_14227	EEDELKK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	40	0.002647964	1	890.445	-2.13	Head	2R:+:20527375-20527395;2R:+:20527375-20527395;2R:+:20527375-20527395;2R:+:20527375-20527395	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_14238	QDYDLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	40	0.001044252	2	781.378	7.09	Male reproductive organs	2R:+:20527942-20527953,20528026-20528031;2R:+:20527942-20527953,20528026-20528031;2R:+:20527942-20527953,20528026-20528031;2R:+:20527942-20527953,20528026-20528031	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PD
JHU_Ag_16759	GPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	54	4.21E-05	1	877.478	0.7	Malpighian tubule	2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_16936	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	67	3.07E-06	2	1189.647	0.75	Head	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_19449	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	43	0.000229727	2	722.422	3.24	Male reproductive organs	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_19562	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M6(Oxidation), M11(Oxidation)	99	1.97E-10	1	1491.584	0.05	Pupa	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_22111	EYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	35	0.003847418	2	1009.473	-1.03	Visceras	2R:+:20527339-20527359;2R:+:20527339-20527359;2R:+:20527339-20527359;2R:+:20527339-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_22773	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	32	0.002994946	1	722.419	-0.14	Midgut	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_24894	GPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	61	8.98E-06	1	877.477	-1.32	Pupa	2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_25131	KGPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	41	0.000703754	2	1005.572	-0.79	Pupa	2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD

JHU_Ag_26113	GPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	51	7.73E-05	1	877.478	0.14	Visceras	2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_28163	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	60	1.57E-05	2	1189.644	-2.12	Midgut	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_28337	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	44	0.000161 57	2	722.423	4.76	Ovary	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_29688	GLDPEALTGK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	60	1.01E-05	1	1000.532	1.4	Pupa	2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112	exon=> In CDS Exon 4 of transcript AGAP002350-PA;exon=> In CDS Exon 4 of transcript AGAP002350-PE;exon=> In CDS Exon 6 of transcript AGAP002350-PB;exon=> In CDS Exon 6 of transcript AGAP002350-PC;exon=> In CDS Exon 5 of transcript AGAP002350-PD
JHU_Ag_33514	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M6(Oxidation),M11(Oxidation),"M6(Oxidation), M11(Oxidation)"	119	3.62E-12	1	1475.590	0.58	Malpighian tubule	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD

JHU_Ag_33620	IKPLEVDGLSADSLRAR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	78	6.58E-08	1	1840.031	1.41	Malpighian tubule	2R:+:20527819-20527869;2R:+:20527819-20527869;2R:+:20527819-20527869;2R:+:20527819-20527869	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_35530	LETEKYDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	90	1.42E-08	1	1424.691	0.12	Pupa	2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_36156	RSDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	40	0.001919873	2	1103.572	2.51	Larva	2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_37095	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	116	1.91E-11	1	1612.893	1.51	Pupa	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_37360	EQLEEEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	42	0.000822924	1	904.426	-0.02	Head	2R:+:20527777-20527797;2R:+:20527777-20527797;2R:+:20527777-20527797;2R:+:20527777-20527797	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_38136	TKEQLEEEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	65	5.31E-06	1	1133.569	0.23	Visceras	2R:+:20527771-20527797;2R:+:20527771-20527797;2R:+:20527771-20527797;2R:+:20527771-20527797	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_39012	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	42	0.000975269	2	1189.644	-1.81	Salivary gland	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_39961	KGLDPEALTGK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	49	0.000165851	2	1128.626	-0.07	Ovary	2R:+:20528080-20528112;2R:+:20528080-20528112;2R:+:20528080-20528112;2R:+:20528080-20528112	exon=> In CDS Exon 4 of transcript AGAP002350-PA;exon=> In CDS Exon 4 of transcript AGAP002350-PE;exon=> In CDS Exon 6 of transcript AGAP002350-PB;exon=> In CDS Exon 6 of transcript AGAP002350-PC;exon=> In CDS Exon 5 of transcript AGAP002350-PD
JHU_Ag_40433	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	124	2.46E-12	1	1612.890	-0.08	Ovary	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_42052	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	65	4.59E-06	1	1189.646	-0.28	Visceras	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_42319	LETEKYDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	85	5.15E-08	1	1424.690	-0.39	Ovary	2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_42779	KGPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	N4(Deamidated)	62	5.59E-06	1	1005.572	-0.61	Head	2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD

JHU_Ag_43934	YDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	37	0.001839226	2	824.378	-1.08	Head	2R:+:20527915-20527932;2R:+:20527915-20527932;2R:+:20527915-20527932;2R:+:20527915-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_50674	SDLDEQLKEYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	135	5.04E-13	1	1937.929	2.32	Head	2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_52001	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	72	3.93E-07	1	1612.897	4.16	Larva	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_53216	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M6(Oxidation), N8(Deamidated), M11(Oxidation),M11(Oxidation),"M6(Oxidation), N8(Deamidated)","M6(Oxidation), Q10(Deamidated)",Q10(Deamidated),M6(Oxidation),"M6(Oxidation), Q10(Deamidated), M11(Oxidation)","M6(Oxidation), M11(Oxidation)"	119	3.51E-12	1	1475.591	1.57	Head	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_54190	SDLDEQLKEYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	123	8.23E-12	1	1937.924	0.08	Ovary	2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD

JHU_Ag_55355	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	75	5.20E-07	1	1189.647	0.75	Male reproductive organs	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_57716	EYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	41	0.001069 39	1	1009.475	0.98	Head	2R:+:20527339-20527359;2R:+:20527339-20527359;2R:+:20527339-20527359;2R:+:20527339-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_57844	KGPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	54	3.77E-05	2	1005.574	0.85	Ovary	2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_58181	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	65	5.04E-06	1	1189.646	-0.48	Ovary	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_60149	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	33	0.002043 567	2	722.419	-0.14	Malpighian tubule	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_60302	GPNFTITKK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	39	0.001109 794	2	1005.573	0.3	Malpighian tubule	2R:+:20527603-20527629;2R:+:20527603-20527629;2R:+:20527603-20527629;2R:+:20527603-20527629	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD

JHU_Ag_61190	SDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	55	5.71E-05	2	947.472	3.87	Male reproductive organs	2R:+:20527315-20527338;2R:+:20527315-20527338;2R:+:20527315-20527338;2R:+:20527315-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_61937	IQVASK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	52	6.86E-05	1	645.394	0.81	Head	2R:+:20528230-20528247;2R:+:20528230-20528247;2R:+:20528230-20528247;2R:+:20528230-20528247	exon=> In CDS Exon 5 of transcript AGAP002350-PA;exon=> In CDS Exon 5 of transcript AGAP002350-PE;exon=> In CDS Exon 7 of transcript AGAP002350-PB;exon=> In CDS Exon 7 of transcript AGAP002350-PC;exon=> In CDS Exon 6 of transcript AGAP002350-PD
JHU_Ag_62109	KDSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M7(Oxidation), M12(Oxidation)	48	6.84E-05	2	1619.680	0.58	Malpighian tubule	2R:+:20527627-20527638,20527735-20527764;2R:+:20527627-20527638,20527735-20527764;2R:+:20527627-20527638,20527735-20527764;2R:+:20527627-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_62577	LETEKYDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	85	5.19E-08	1	1424.690	-0.39	Visceras	2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_62936	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	36	0.001205626	2	722.421	2.4	Larva	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_63170	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	39	0.001045392	2	722.419	-1.15	Head	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_64108	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M6(Oxidation), M11(Oxidation)	97	3.41E-10	1	1491.585	0.63	Ovary	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_64453	LETEKYDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	90	1.40E-08	1	1424.691	0.12	Head	2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_64469	ATELWETIVKLETEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	109	9.28E-11	1	1789.964	3.07	Male reproductive organs	2R:+:20527870-20527914;2R:+:20527870-20527914;2R:+:20527870-20527914;2R:+:20527870-20527914;2R:+:20527870-20527914	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_64614	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	116	1.76E-11	1	1612.891	0.3	Visceras	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_68482	ATELWETIVKLETEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	42	0.000600913	1	1789.955	-1.84	Head	2R:+:20527870-20527914;2R:+:20527870-20527914;2R:+:20527870-20527914;2R:+:20527870-20527914	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_68724	GLDPEALTGKYPPK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	91	9.92E-09	1	1485.793	-1.39	Malpighian tubule	2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229	exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PE;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PD
JHU_Ag_70229	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	44	0.000168435	2	722.422	3.75	Salivary gland	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_71318	SDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	48	0.000288428	2	947.465	-2.77	Head	2R:+:20527315-20527338;2R:+:20527315-20527338;2R:+:20527315-20527338;2R:+:20527315-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD

JHU_Ag_71326	GLDPEALTGKYPPK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	95	3.84E-09	1	1485.795	0	Male reproductive organs	2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229;2R:+:20528083-20528118,20528224-20528229	exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PE;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PD
JHU_Ag_71474	ATELWETIVKLETEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	82	5.80E-08	2	1789.962	2.12	Visceras	2R:+:20527870-20527914;2R:+:20527870-20527914;2R:+:20527870-20527914;2R:+:20527870-20527914	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_72451	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	58	2.47E-05	2	1189.649	2.08	Malpighian tubule	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_72596	SDLDEQLKEYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	129	2.36E-12	1	1937.929	2.38	Visceras	2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_72937	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	33	0.003717952	1	1612.890	-0.24	Salivary gland	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_74341	SDLDEQLKEYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	129	2.25E-12	1	1937.931	3.58	Larva	2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_75366	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M6(Oxidation),M11(Oxidation)	115	8.05E-12	1	1475.589	-0.25	Visceras	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_77359	LETEKYDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	89	1.87E-08	1	1424.691	0.12	Male reproductive organs	2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_77753	QAMLQAMK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	45	0.00043583	2	920.470	0.54	Visceras	2R:+:20527564-20527587;2R:+:20527564-20527587;2R:+:20527564-20527587;2R:+:20527564-20527587	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_77829	IQVASKYER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	67	2.10E-06	1	1093.600	-0.16	Male reproductive organs	2R:+:20528230-20528256;2R:+:20528230-20528256;2R:+:20528230-20528256;2R:+:20528230-20528256	exon=> In CDS Exon 5 of transcript AGAP002350-PA;exon=> In CDS Exon 5 of transcript AGAP002350-PE;exon=> In CDS Exon 7 of transcript AGAP002350-PB;exon=> In CDS Exon 7 of transcript AGAP002350-PC;exon=> In CDS Exon 6 of transcript AGAP002350-PD

JHU_Ag_78791	KGPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	39	0.001096836	2	1005.572	-0.42	Malpighian tubule	2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_81726	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	127	1.32E-12	1	1612.895	2.65	Head	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_84840	SDLDEQLKEYINEWR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	134	7.56E-13	1	1937.927	1.68	Malpighian tubule	2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359;2R:+:20527315-20527359	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_85037	RSDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	Q7(Deamidated)	61	1.52E-05	1	1104.546	-6.34	Head	2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_85435	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	57	1.64E-05	3	1612.886	-2.73	Midgut	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_88185	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M6(Oxidation), M11(Oxidation)	53	1.04E-05	2	1491.588	2.75	Larva	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_88575	LETEKYDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	89	1.92E-08	1	1424.691	0.21	Malpighian tubule	2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_88935	KGPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	35	0.003380648	1	1005.570	-2.9	Male reproductive organs	2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_93306	RSDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	41	0.001378844	2	1103.570	0.29	Pupa	2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_93459	GPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	66	2.97E-06	1	877.477	-0.77	Head	2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626;2R:+:20527603-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD

JHU_Ag_94377	RSDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	54	7.00E-05	1	1103.569	-0.37	Ovary	2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_96902	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	33	0.001337 62	2	1459.592	-1.56	Midgut	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_98409	RQAMLQAMK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M4(Oxidation), M8(Oxidation)	39	0.001806 624	1	1108.556	-3.64	Head	2R:+:20527561-20527587;2R:+:20527561-20527587;2R:+:20527561-20527587;2R:+:20527561-20527587	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_98638	AKEEDELK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	50	0.000206 754	1	961.483	-0.98	Visceras	2R:+:20527369-20527392;2R:+:20527369-20527392;2R:+:20527369-20527392;2R:+:20527369-20527392	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_99607	KISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	42	0.000307 041	2	850.514	-0.48	Head	2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_101899	ATELWETIVK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	79	1.93E-07	1	1189.647	0.75	Pupa	2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899;2R:+:20527870-20527899	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_102415	LETEKYDLEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	77	2.91E-07	1	1424.697	4.32	Larva	2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932;2R:+:20527900-20527932	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_106443	DSSFGMSNAQMER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	M6(Oxidation), M11(Oxidation)	96	6.45E-10	1	1491.603	12.74	Male reproductive organs	2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764;2R:+:20527630-20527638,20527735-20527764	exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002350-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PD
JHU_Ag_108517	GLDPEALTGK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	63	6.66E-06	1	1000.532	0.53	Ovary	2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112	exon=> In CDS Exon 4 of transcript AGAP002350-PA;exon=> In CDS Exon 4 of transcript AGAP002350-PE;exon=> In CDS Exon 6 of transcript AGAP002350-PB;exon=> In CDS Exon 6 of transcript AGAP002350-PC;exon=> In CDS Exon 5 of transcript AGAP002350-PD
JHU_Ag_109124	ISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	39	0.000901391	2	722.419	-0.65	Pupa	2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818;2R:+:20527801-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD

JHU_Ag_109313	KGPNFTITK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	50	0.000101191	2	1005.572	-0.42	Visceras	2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626;2R:+:20527600-20527626	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_109963	GLDPEALTGK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	56	3.05E-05	1	1000.531	0.18	Head	2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112	exon=> In CDS Exon 4 of transcript AGAP002350-PA;exon=> In CDS Exon 4 of transcript AGAP002350-PE;exon=> In CDS Exon 6 of transcript AGAP002350-PB;exon=> In CDS Exon 6 of transcript AGAP002350-PC;exon=> In CDS Exon 5 of transcript AGAP002350-PD
JHU_Ag_110051	GLDPEALTGK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	62	6.58E-06	1	1000.531	-0.31	Male reproductive organs	2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112;2R:+:20528083-20528112	exon=> In CDS Exon 4 of transcript AGAP002350-PA;exon=> In CDS Exon 4 of transcript AGAP002350-PE;exon=> In CDS Exon 6 of transcript AGAP002350-PB;exon=> In CDS Exon 6 of transcript AGAP002350-PC;exon=> In CDS Exon 5 of transcript AGAP002350-PD
JHU_Ag_110948	IQVASKYER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	66	2.75E-06	2	1093.599	-0.6	Pupa	2R:+:20528230-20528256;2R:+:20528230-20528256;2R:+:20528230-20528256;2R:+:20528230-20528256	exon=> In CDS Exon 5 of transcript AGAP002350-PA;exon=> In CDS Exon 5 of transcript AGAP002350-PE;exon=> In CDS Exon 7 of transcript AGAP002350-PB;exon=> In CDS Exon 7 of transcript AGAP002350-PC;exon=> In CDS Exon 6 of transcript AGAP002350-PD
JHU_Ag_111508	AKEEDELK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	50	0.000239582	1	961.483	-1.18	Ovary	2R:+:20527369-20527392;2R:+:20527369-20527392;2R:+:20527369-20527392;2R:+:20527369-20527392	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_111595	IQVASKYER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	67	2.22E-06	1	1093.599	-0.6	Malpighian tubule	2R:+:20528230-20528256;2R:+:20528230-20528256;2R:+:20528230-20528256;2R:+:20528230-20528256	exon=> In CDS Exon 5 of transcript AGAP002350-PA;exon=> In CDS Exon 5 of transcript AGAP002350-PE;exon=> In CDS Exon 7 of transcript AGAP002350-PB;exon=> In CDS Exon 7 of transcript AGAP002350-PC;exon=> In CDS Exon 6 of transcript AGAP002350-PD

JHU_Ag_113018	RLEEAEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	38	0.003411858	1	874.464	1.69	Head	2R:+:20527537-20527557;2R:+:20527537-20527557;2R:+:20527537-20527557;2R:+:20527537-20527557	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_113100	IKPLEVDGLSADSLR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	101	5.46E-10	1	1612.894	1.89	Malpighian tubule	2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863;2R:+:20527819-20527863	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_113247	RLEEAEK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	42	0.0013677	2	874.463	-0.19	Visceras	2R:+:20527537-20527557;2R:+:20527537-20527557;2R:+:20527537-20527557;2R:+:20527537-20527557	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_114350	KISLSFR	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	43	0.000243891	1	850.515	0.17	Malpighian tubule	2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818;2R:+:20527798-20527818	exon=> In CDS Exon 3 of transcript AGAP002350-PA;exon=> In CDS Exon 3 of transcript AGAP002350-PE;exon=> In CDS Exon 5 of transcript AGAP002350-PB;exon=> In CDS Exon 5 of transcript AGAP002350-PC;exon=> In CDS Exon 4 of transcript AGAP002350-PD
JHU_Ag_116702	RQDYDLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	Q2(Deamidated)	39	0.001958112	1	938.456	-2.46	Head	2R:+:20527939-20527953,20528026-20528031;2R:+:20527939-20527953,20528026-20528031;2R:+:20527939-20527953,20528026-20528031;2R:+:20527939-20527953,20528026-20528031	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP002350-PD

JHU_Ag_116730	RSDLDEQLK	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD	-	48	0.000287475	1	1103.579	8.81	Male reproductive organs	2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338;2R:+:20527312-20527338	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD
JHU_Ag_114098	KEEEER	AGAP002350-PA,AGAP002350-PE,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD,AGAP002399-PA	-	40	0.001282374	2	819.383	-1.94	Head	2R:+:20527465-20527482;2R:+:20527465-20527482;2R:+:20527465-20527482;2R:+:20527465-20527482;2R:+:20948515-20948532	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD;exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_62904	EEEERR	AGAP002350-PA,AGAP002350-PE,AGAP005740-PA,AGAP002350-PB,AGAP002350-PC,AGAP002350-PD,AGAP004110-PA,AGAP000776-PA	-	34	0.004268801	2	847.391	0.51	Head	2R:+:20527468-20527485;2R:+:20527468-20527485;2L:+:20056447-20056464;2R:+:20527468-20527485;2R:+:20527468-20527485;2R:+:20527468-20527485;2R:+:50063919-50063936;X:-:13922901-13922884	exon=> In CDS Exon 2 of transcript AGAP002350-PA;exon=> In CDS Exon 2 of transcript AGAP002350-PE;exon=> In CDS Exon 1 of transcript AGAP005740-PA;exon=> In CDS Exon 4 of transcript AGAP002350-PB;exon=> In CDS Exon 4 of transcript AGAP002350-PC;exon=> In CDS Exon 3 of transcript AGAP002350-PD;exon=> In CDS Exon 2 of transcript AGAP004110-PA;exon=> In CDS Exon 7 of transcript AGAP000776-PA
JHU_Ag_13821	SEGDDPEFIKR	AGAP002350-PB,AGAP002350-PC	-	74	6.42E-07	1	1292.612	-0.13	Malpighian tubule	2R:+:20525543-20525547,20527272-20527299;2R:+:20525543-20525547,20527272-20527299	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC
JHU_Ag_32509	SEGDDPEFIKR	AGAP002350-PB,AGAP002350-PC	-	62	1.04E-05	1	1292.612	-0.13	Pupa	2R:+:20525543-20525547,20527272-20527299;2R:+:20525543-20525547,20527272-20527299	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC

JHU_Ag_36497	SEGDDPEFIKR	AGAP002350-PB,AGAP002350-PC	-	87	2.83E-08	1	1292.612	0.06	Head	2R:+:20525543-20525547,20527272-20527299;2R:+:20525543-20525547,20527272-20527299	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC
JHU_Ag_68496	SEGDDPEFIKR	AGAP002350-PB,AGAP002350-PC	-	83	8.03E-08	1	1292.612	0.06	Visceras	2R:+:20525543-20525547,20527272-20527299;2R:+:20525543-20525547,20527272-20527299	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC
JHU_Ag_73207	SEGDDPEFIK	AGAP002350-PB,AGAP002350-PC	-	57	2.19E-05	1	1136.509	-1.08	Male reproductive organs	2R:+:20525543-20525547,20527272-20527296;2R:+:20525543-20525547,20527272-20527296	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC
JHU_Ag_77692	SEGDDPEFIKR	AGAP002350-PB,AGAP002350-PC	-	59	2.04E-05	1	1292.614	1.85	Male reproductive organs	2R:+:20525543-20525547,20527272-20527299;2R:+:20525543-20525547,20527272-20527299	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC
JHU_Ag_93481	SEGDDPEFIK	AGAP002350-PB,AGAP002350-PC	-	52	6.78E-05	2	1136.510	-0.33	Head	2R:+:20525543-20525547,20527272-20527296;2R:+:20525543-20525547,20527272-20527296	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC
JHU_Ag_99636	SEGDDPEFIK	AGAP002350-PB,AGAP002350-PC	-	65	3.31E-06	1	1136.511	0.32	Ovary	2R:+:20525543-20525547,20527272-20527296;2R:+:20525543-20525547,20527272-20527296	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC
JHU_Ag_105846	SEGDDPEFIKR	AGAP002350-PB,AGAP002350-PC	-	81	1.28E-07	1	1292.613	0.72	Ovary	2R:+:20525543-20525547,20527272-20527299;2R:+:20525543-20525547,20527272-20527299	exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002350-PC

JHU_Ag_776	LFEGGYSAYYQEK	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	-	101	9.16E-10	1	1554.714	1.63	Head	2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PD
JHU_Ag_2730	KLFEGGYSAYYQEK	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	-	96	3.92E-09	1	1682.811	2.67	Pupa	2R:+:20528290-20528304,20528527-20528553;2R:+:20528290-20528304,20528527-20528553	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PD
JHU_Ag_16613	LFEGGYSAYYQEK	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	-	61	8.71E-06	2	1554.717	3.67	Malpighian tubule	2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PD
JHU_Ag_77378	LFEGGYSAYYQEK	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	-	106	2.73E-10	1	1554.713	1.24	Pupa	2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PD
JHU_Ag_83777	LFEGGYSAYYQEK	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	-	109	1.58E-10	1	1554.715	2.65	Visceras	2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PD

JHU_Ag_111209	KLFEGGYSAYYQEK	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	-	114	6.06E-11	1	1682.808	1.29	Visceras	2R:+:20528290-20528304,20528527-20528553;2R:+:20528290-20528304,20528527-20528553;2R:+:20528290-20528304,20528527-20528553	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PD
JHU_Ag_115248	LFEGGYSAYYQEK	AGAP002350-PE,AGAP002350-PC,AGAP002350-PD	-	91	1.05E-08	1	1554.716	2.89	Ovary	2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553;2R:+:20528293-20528304,20528527-20528553	exon=> In CDS Exon 5 and 6 of transcript AGAP002350-PE;exon=> In CDS Exon 7 and 8 of transcript AGAP002350-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002350-PD
JHU_Ag_248	YQQTHGTDTLVK	AGAP002351-PA	-	50	0.000193087	1	1390.698	1.19	Ovary	2R:-:20537088-20537053	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_4519	VKPLGAAQLK	AGAP002351-PA	Q8(Deamidated)	36	0.000613858	1	1025.646	10.72	Pupa	2R:-:20535708-20535679	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_6294	EVIIYPDDESKPPVGSGLNR	AGAP002351-PA	-	33	0.005271144	1	2185.114	0.24	Ovary	2R:-:20534608-20534549	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_7093	SYPLEPLLNPASHTADVTDYR	AGAP002351-PA	-	35	0.005582105	1	2359.161	1.83	Ovary	2R:-:20532283-20532221	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_9175	STADPVTLDDESFAR	AGAP002351-PA	-	47	0.000271249	2	1623.756	4.02	Malpighian tubule	2R:-:20533174-20533130	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_9563	ELSIQQLLYR	AGAP002351-PA	-	50	6.66E-05	2	1262.714	3.02	Head	2R:-:20532055-20532026	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_10076	VKPLGAAQLK	AGAP002351-PA	Q8(Deamidated)	29	0.002929057	1	1025.649	13.34	Larva	2R:-:20535708-20535679	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_10892	HFESLVSSTPSR	AGAP002351-PA	-	49	0.000203359	2	1346.674	2.82	Malpighian tubule	2R:-:20533306-20533271	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_10939	STADPVTLDDESFAR	AGAP002351-PA	-	62	8.60E-06	2	1623.754	2.51	Ovary	2R:-:20533174-20533130	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_11873	EVIIYPDDESKPPVGSGLNR	AGAP002351-PA	-	40	0.001007879	1	2185.121	3.34	Head	2R:-:20534608-20534549	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_13366	ELSIQQLLYR	AGAP002351-PA	-	50	7.27E-05	2	1262.712	0.99	Ovary	2R:-:20532055-20532026	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_21433	RDYLDQLLELIQTHK	AGAP002351-PA	-	74	2.61E-07	1	1885.027	4.76	Ovary	2R:-:20532784-20532740	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_26759	ASSMTSGAIREESGEADDGGPR	AGAP002351-PA	M4(Oxidation)	91	6.24E-09	1	2195.951	1.83	Malpighian tubule	2R:-:20535198-20537405,20534862-20535068	exon=> In CDS Exon 3 and 2 of transcript AGAP002351-PA
JHU_Ag_28958	AILEGSNYQLK	AGAP002351-PA	-	78	1.92E-07	1	1235.664	0.45	Ovary	2R:-:20535777-20535745	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_31924	VGWSYGTAMVQLNTR	AGAP002351-PA	M9(Oxidation)	76	3.62E-07	2	1698.833	3.49	Ovary	2R:-:20533375-20533331	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_36179	EELEGVDEASHLSTMFR	AGAP002351-PA	M15(Oxidation)	63	4.26E-06	1	1965.887	0.69	Ovary	2R:-:20532910-20532860	exon=> In CDS Exon 4 of transcript AGAP002351-PA

JHU_Ag_39270	YQQTHGTDTLVK	AGAP002351-PA	-	41	0.001627 14	2	1390.697	0.84	Head	2R:-:20537088-20537053	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_40194	SNLAFFHGR	AGAP002351-PA	-	46	0.000489 613	2	1048.533	0.18	Ovary	2R:-:20533411-20533385	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_41766	SVASEFGHSEDRDSPDQIVPGTATRPT VTGGPTSGLLLQSLYSTSNTVQR	AGAP002351-PA	-	71	3.91E-07	1	5216.584	2	Ovary	2R:-:20533903-20533754	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_42435	SVEELRFEDYAANR	AGAP002351-PA	-	33	0.008227 383	1	1698.810	0.73	Ovary	2R:-:20536983-20536942	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_43820	LALLDYEGK	AGAP002351-PA	-	51	0.000106 614	2	1021.557	0.08	Ovary	2R:-:20534473-20534447	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_43941	LKSTADPVTLDDESFAR	AGAP002351-PA	-	93	6.44E-09	2	1864.937	4.3	Malpighian tubule	2R:-:20533180-20533130	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_45706	LLQSEIAQR	AGAP002351-PA	-	62	6.80E-06	2	1057.599	-0.75	Ovary	2R:-:20531372-20531346	exon=> In CDS Exon 6 of transcript AGAP002351-PA
JHU_Ag_53066	GRGENDFSPAALQLLR	AGAP002351-PA	-	76	2.95E-07	1	1743.914	0.16	Ovary	2R:-:20533228-20533181	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_57968	RDYLDQLLELIQTHK	AGAP002351-PA	-	69	8.63E-07	1	1885.024	3.5	Midgut	2R:-:20532784-20532740	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_59301	RDYLDQLLELIQTHK	AGAP002351-PA	-	63	2.86E-06	1	1885.032	7.58	Malpighian tubule	2R:-:20532784-20532740	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_66084	LTLIGIDAVKPFFR	AGAP002351-PA	-	54	5.19E-06	1	1589.945	2.48	Head	2R:-:20533270-20533229	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_67795	GIKPLAGPSEDSLKPTNPSAQK	AGAP002351-PA	-	55	1.73E-05	1	2235.203	2.15	Malpighian tubule	2R:-:20535843-20535778	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_68277	LTLIGIDAVKPFFR	AGAP002351-PA	-	73	6.92E-08	1	1589.949	4.6	Malpighian tubule	2R:-:20533270-20533229	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_72958	LSESVLDNTIK	AGAP002351-PA	-	59	1.69E-05	1	1218.656	-1.62	Ovary	2R:-:20535270-20535238	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_78930	LTLIGIDAVKPFFR	AGAP002351-PA	-	84	5.71E-09	1	1589.944	1.61	Ovary	2R:-:20533270-20533229	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_82360	EGGQYNLSGASNTSIGGDAAPTPTR	AGAP002351-PA	-	133	6.79E-13	2	2421.131	1.19	Ovary	2R:-:20535531-20535457	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_88784	LDATPSAGGFGPGSLLK	AGAP002351-PA	-	61	1.15E-05	2	1587.845	4.71	Malpighian tubule	2R:-:20533717-20533667	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_89250	ESFIVEELGVPEK	AGAP002351-PA	-	50	0.000178 565	2	1475.763	0.15	Ovary	2R:-:20531950-20531912	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_89307	LLQSEIAQR	AGAP002351-PA	-	58	1.66E-05	2	1057.601	1.33	Head	2R:-:20531372-20531346	exon=> In CDS Exon 6 of transcript AGAP002351-PA
JHU_Ag_95031	LDATPSAGGFGPGSLLK	AGAP002351-PA	-	82	8.36E-08	2	1587.839	0.55	Ovary	2R:-:20533717-20533667	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_104914	VEQLHPINIVIPLAK	AGAP002351-PA	-	71	5.17E-08	1	1684.015	-0.12	Head	2R:-:20533486-20533442	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_106840	VEQLHPINIVIPLAK	AGAP002351-PA	-	59	9.06E-07	1	1684.022	4.01	Malpighian tubule	2R:-:20533486-20533442	exon=> In CDS Exon 4 of transcript AGAP002351-PA
JHU_Ag_108875	VKPLGAAQLK	AGAP002351-PA	Q8(Deamidated)	36	0.000604 043	1	1025.647	10.84	Visceras	2R:-:20535708-20535679	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_112255	LSELCSVLR	AGAP002351-PA	C5(Carbamidomethyl)	49	0.000165 626	2	1076.579	1.63	Ovary	2R:-:20531429-20531403	exon=> In CDS Exon 6 of transcript AGAP002351-PA
JHU_Ag_113466	GIKPLAGPSEDSLKPTNPSAQK	AGAP002351-PA	-	75	2.05E-07	1	2235.199	0.35	Ovary	2R:-:20535843-20535778	exon=> In CDS Exon 2 of transcript AGAP002351-PA
JHU_Ag_113742	EESGEADDGGPRK	AGAP002351-PA	-	50	4.89E-05	1	1346.582	-0.28	Malpighian tubule	2R:-:20535168-20537405,20534862-20535065	exon=> In CDS Exon 3 and 2 of transcript AGAP002351-PA
JHU_Ag_117780	VKPLGAAQLK	AGAP002351-PA	Q8(Deamidated)	41	0.000189 264	1	1025.647	11.31	Head	2R:-:20535708-20535679	exon=> In CDS Exon 2 of transcript AGAP002351-PA

JHU_Ag_1458	NVLIYGSATPPEYDLSR	AGAP002353-PA	-	115	4.43E-11	1	1894.953	-0.94	Midgut	2R:+:20548271-20548321	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_10025	LSVPELVSK	AGAP002353-PA	-	42	0.000733144	2	971.577	-0.59	Midgut	2R:+:20547428-20547454	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_11132	IIQMNALAPVAFMGHMK	AGAP002353-PA	M13(Oxidation), M16(Oxidation),"M4(Oxidation), M13(Oxidation), M16(Oxidation)"	65	5.49E-06	1	1919.954	0.04	Midgut	2R:+:20547893-20547943	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_12853	QLVHYAQEVLSNR	AGAP002353-PA	-	75	4.18E-07	1	1556.815	-1.78	Midgut	2R:+:20548202-20548240	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_19517	RLQYVGHSQGTTGFFVMASTRPEYNDK	AGAP002353-PA	-	51	0.000101986	1	3089.485	-1.5	Midgut	2R:+:20547812-20547892	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_20411	DHASINPDDDNSFWK	AGAP002353-PA	-	77	1.00E-07	2	1760.756	2.64	Midgut	2R:+:20547692-20547736	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_23210	LKNVLIYGSATPPEYDLSR	AGAP002353-PA	-	37	0.00204379	1	2136.132	-0.59	Midgut	2R:+:20548265-20548321	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_30702	YDIPATIDYILEQTGHR	AGAP002353-PA	-	108	2.58E-10	2	2005.004	0.74	Midgut	2R:+:20547761-20547811	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_53821	QLVHYAQEVLSNRFEMYDYGK	AGAP002353-PA	M16(Oxidation)	33	0.006301585	1	2606.231	-1.15	Midgut	2R:+:20548202-20548264	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_55501	VTAPVVMYYGLNDFLATPEDVNR	AGAP002353-PA	M7(Oxidation)	94	6.70E-09	1	2600.270	0.03	Midgut	2R:+:20548322-20548390	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_63408	YGYHVEEHSLSTDDGYR	AGAP002353-PA	-	131	5.77E-13	1	2027.882	4.46	Midgut	2R:+:20547455-20547505	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_64066	LQYVGHSQGTTGFFVMASTRPEYNDK	AGAP002353-PA	M16(Oxidation)	59	1.53E-05	1	2949.381	-0.99	Midgut	2R:+:20547815-20547892	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_66820	SGFQVDSEDGR	AGAP002353-PA	-	64	2.34E-06	2	1196.516	-1.54	Midgut	2R:+:20547395-20547427	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_67266	FEMYDYGK	AGAP002353-PA	-	35	0.001628388	2	1052.438	-0.94	Midgut	2R:+:20548241-20548264	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_86570	FSWHEIGR	AGAP002353-PA	-	49	0.000167617	2	1031.505	-0.35	Midgut	2R:+:20547737-20547760	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_97836	HLLYEPVMEGMASAEVAD	AGAP002353-PA	M8(Oxidation), M11(Oxidation)	78	1.72E-07	1	1993.890	0.78	Midgut	2R:+:20548484-20548537	exon=> In CDS Exon 1 of transcript AGAP002353-PA
JHU_Ag_83915	RNELLEAESAELADR	AGAP002354-PB,AGAP002354-PA	-	49	0.000209946	1	1715.857	0.37	Head	2R:+:20573277-20573321;2R:+:20573277-20573321	exon=> In CDS Exon 4 of transcript AGAP002354-PB;exon=> In CDS Exon 4 of transcript AGAP002354-PA
JHU_Ag_83705	VGMSRTLELSPNAHINK	AGAP002355-PA	N-Term(Acetyl), N12(Deamidated)	35	0.004638236	1	1909.955	-13.4	Pupa	2R:+:20589509-20589513,20589728-20589773	exon=> In CDS Exon 1 and 2 of transcript AGAP002355-PA
JHU_Ag_1308	TMREPGGLAEIENAISK	AGAP002355-PB,AGAP002355-PA	M2(Oxidation)	65	4.95E-06	1	1831.923	0.32	Head	2R:+:20590701-20590751;2R:+:20590701-20590751	exon=> In CDS Exon 3 of transcript AGAP002355-PB;exon=> In CDS Exon 4 of transcript AGAP002355-PA
JHU_Ag_7727	TLELSPNAHINK	AGAP002355-PB,AGAP002355-PA	-	55	3.28E-05	2	1336.722	0.26	Malpighian tubule	2R:+:20589738-20589773;2R:+:20589738-20589773	exon=> In CDS Exon 1 of transcript AGAP002355-PB;exon=> In CDS Exon 2 of transcript AGAP002355-PA
JHU_Ag_8590	GVSDQGFGYFEDRRPSSNCDPYSVAEAILR	AGAP002355-PB,AGAP002355-PA	C19(Carbamidomethyl)	46	0.000360498	1	3392.582	6.41	Malpighian tubule	2R:+:20590966-20591055;2R:+:20590966-20591055	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA

JHU_Ag_8973	HETSSIHDFNAGVANR	AGAP002355-PB,AGAP002355-PA	-	82	8.55E-08	1	1754.822	0.82	Visceras	2R:+:20590833-20590866,20590928-20590941;2R:+:20590833-20590866,20590928-20590941	exon=> In CDS Exon 3 and 4 of transcript AGAP002355-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002355-PA
JHU_Ag_13197	YDGTPTESNK	AGAP002355-PB,AGAP002355-PA	-	49	0.000108718	2	1111.489	-1.28	Head	2R:+:20590139-20590168;2R:+:20590139-20590168	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_17546	TMREPGGLAEIENAISK	AGAP002355-PB,AGAP002355-PA	M2(Oxidation)	72	1.15E-06	1	1831.926	2.45	Malpighian tubule	2R:+:20590701-20590751;2R:+:20590701-20590751	exon=> In CDS Exon 3 of transcript AGAP002355-PB;exon=> In CDS Exon 4 of transcript AGAP002355-PA
JHU_Ag_20337	NGFPGPQGPYYCGVGADKVYAR	AGAP002355-PB,AGAP002355-PA	N1(Deamidated),C12(Carbamidomethyl),C12(Carbamidomethyl)	55	3.83E-05	1	2373.105	-1.22	Head	2R:+:20590283-20590348;2R:+:20590283-20590348	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_22474	TLELSPNAHINK	AGAP002355-PB,AGAP002355-PA	-	97	2.21E-09	1	1336.724	1.35	Head	2R:+:20589738-20589773;2R:+:20589738-20589773	exon=> In CDS Exon 1 of transcript AGAP002355-PB;exon=> In CDS Exon 2 of transcript AGAP002355-PA
JHU_Ag_25967	ACLEVCER	AGAP002355-PB,AGAP002355-PA	C2(Carbamidomethyl),C6(Carbamidomethyl)	62	3.55E-06	1	1036.457	1.69	Malpighian tubule	2R:+:20590175-20590198;2R:+:20590175-20590198	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_28476	RGNNILVLCETYR	AGAP002355-PB,AGAP002355-PA	C9(Carbamidomethyl)	67	3.12E-06	1	1607.834	0.78	Head	2R:+:20590100-20590138;2R:+:20590100-20590138	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_30999	TIILNE	AGAP002355-PB,AGAP002355-PA	-	38	0.001984147	1	702.401	-2.78	Head	2R:+:20591056-20591073;2R:+:20591056-20591073	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_35020	DIVDAHYR	AGAP002355-PB,AGAP002355-PA	-	58	1.85E-05	1	988.485	0.71	Head	2R:+:20590349-20590372;2R:+:20590349-20590372	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_38104	RPSSNCDPYSVAEAILR	AGAP002355-PB,AGAP002355-PA	N5(Deamidated),C6(Carbamidomethyl),C6(Carbamidomethyl)	121	1.35E-11	1	1934.939	0.11	Head	2R:+:20591005-20591055;2R:+:20591005-20591055	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_42516	GNNILVLCETYR	AGAP002355-PB,AGAP002355-PA	C8(Carbamidomethyl)	47	0.000332109	2	1451.732	0.3	Male reproductive organs	2R:+:20590103-20590138;2R:+:20590103-20590138	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_43577	GVSDQGFGYFEDR	AGAP002355-PB,AGAP002355-PA	-	96	1.47E-09	2	1476.638	-0.64	Male reproductive organs	2R:+:20590966-20591004;2R:+:20590966-20591004	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_43909	AYDPNGGKDNER	AGAP002355-PB,AGAP002355-PA	-	89	1.27E-08	1	1335.592	0.01	Malpighian tubule	2R:+:20590782-20590817;2R:+:20590782-20590817	exon=> In CDS Exon 3 of transcript AGAP002355-PB;exon=> In CDS Exon 4 of transcript AGAP002355-PA
JHU_Ag_45774	TLELSPNAHINK	AGAP002355-PB,AGAP002355-PA	-	52	6.75E-05	2	1336.722	0.35	Visceras	2R:+:20589738-20589773;2R:+:20589738-20589773	exon=> In CDS Exon 1 of transcript AGAP002355-PB;exon=> In CDS Exon 2 of transcript AGAP002355-PA
JHU_Ag_50216	GVSDQGFGYFEDR	AGAP002355-PB,AGAP002355-PA	-	51	4.90E-05	2	1476.639	0.1	Pupa	2R:+:20590966-20591004;2R:+:20590966-20591004	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_51652	NGFPGPQGPYYCGVGADK	AGAP002355-PB,AGAP002355-PA	N1(Deamidated),C12(Carbamidomethyl),C12(Carbamidomethyl)	79	1.20E-07	1	1883.835	-1.62	Head	2R:+:20590283-20590336;2R:+:20590283-20590336	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA

JHU_Ag_56029	GNNILVLCETYR	AGAP002355-PB,AGAP002355-PA	C8(Carbamidomethyl)	73	7.58E-07	1	1451.734	2.15	Head	2R:+:20590103-20590138;2R:+:20590103-20590138	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_61499	ACLEVCER	AGAP002355-PB,AGAP002355-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	54	2.73E-05	1	1036.455	-0.43	Head	2R:+:20590175-20590198;2R:+:20590175-20590198	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_77980	GVSDQGFGYFEDRRPSSNCDPYSVAEAILR	AGAP002355-PB,AGAP002355-PA	C19(Carbamidomethyl)	76	2.89E-07	1	3392.567	2.02	Head	2R:+:20590966-20591055;2R:+:20590966-20591055	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_83521	DRTLDFIPQSPSELPIWNYDGSSTYQAEGSNSDVYLHPVAIYR	AGAP002355-PB,AGAP002355-PA	-	51	5.90E-05	1	4901.355	4.5	Head	2R:+:20589873-20589909,20589996-20590087;2R:+:20589873-20589909,20589996-20590087	exon=> In CDS Exon 1 and 2 of transcript AGAP002355-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002355-PA
JHU_Ag_83847	IQATYIWIDGTGENVR	AGAP002355-PB,AGAP002355-PA	-	132	8.84E-13	1	1835.931	1.09	Head	2R:+:20589819-20589866;2R:+:20589819-20589866	exon=> In CDS Exon 1 of transcript AGAP002355-PB;exon=> In CDS Exon 2 of transcript AGAP002355-PA
JHU_Ag_85669	ACLYAGVK	AGAP002355-PB,AGAP002355-PA	C2(Carbamidomethyl)	45	0.000314051	2	881.454	-0.95	Head	2R:+:20590373-20590396;2R:+:20590373-20590396	exon=> In CDS Exon 2 of transcript AGAP002355-PB;exon=> In CDS Exon 3 of transcript AGAP002355-PA
JHU_Ag_93156	GVSDQGFGYFEDR	AGAP002355-PB,AGAP002355-PA	-	91	5.06E-09	2	1476.639	0.26	Visceras	2R:+:20590966-20591004;2R:+:20590966-20591004	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_98229	LTGKHETSSIHDFNAGVANR	AGAP002355-PB,AGAP002355-PA	-	108	2.85E-10	1	2154.067	-0.81	Head	2R:+:20590821-20590866,20590928-20590941;2R:+:20590821-20590866,20590928-20590941	exon=> In CDS Exon 3 and 4 of transcript AGAP002355-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002355-PA
JHU_Ag_100916	IQATYIWIDGTGENVR	AGAP002355-PB,AGAP002355-PA	-	60	1.42E-05	2	1835.926	-1.7	Male reproductive organs	2R:+:20589819-20589866;2R:+:20589819-20589866	exon=> In CDS Exon 1 of transcript AGAP002355-PB;exon=> In CDS Exon 2 of transcript AGAP002355-PA
JHU_Ag_101472	RPSSNCDPYSVAEAILR	AGAP002355-PB,AGAP002355-PA	C6(Carbamidomethyl)	101	1.28E-09	1	1934.943	1.91	Visceras	2R:+:20591005-20591055;2R:+:20591005-20591055	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_101636	EPGGLAEIENAISK	AGAP002355-PB,AGAP002355-PA	-	86	3.13E-08	2	1427.740	1.79	Head	2R:+:20590710-20590751;2R:+:20590710-20590751	exon=> In CDS Exon 3 of transcript AGAP002355-PB;exon=> In CDS Exon 4 of transcript AGAP002355-PA
JHU_Ag_105188	GVSDQGFGYFEDR	AGAP002355-PB,AGAP002355-PA	-	98	1.01E-09	2	1476.638	-0.89	Head	2R:+:20590966-20591004;2R:+:20590966-20591004	exon=> In CDS Exon 4 of transcript AGAP002355-PB;exon=> In CDS Exon 5 of transcript AGAP002355-PA
JHU_Ag_108608	LTGKHETSSIHDFNAGVANR	AGAP002355-PB,AGAP002355-PA	-	101	1.29E-09	1	2154.070	0.55	Malpighian tubule	2R:+:20590821-20590866,20590928-20590941;2R:+:20590821-20590866,20590928-20590941	exon=> In CDS Exon 3 and 4 of transcript AGAP002355-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002355-PA

JHU_Ag_117165	HETSSIHDFNAGVANR	AGAP002355-PB,AGAP002355-PA	N15(Deamidated),N10(Deamidated)	147	3.12E-14	1	1754.825	2.33	Head	2R:+:20590833-20590866,20590928-20590941;2R:+:20590833-20590866,20590928-20590941	exon=> In CDS Exon 3 and 4 of transcript AGAP002355-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP002355-PA
JHU_Ag_339	SIIQPASLQMPK	AGAP002356-PA	M10(Oxidation)	59	1.25E-05	2	1328.729	3.47	Male reproductive organs	2R:-:20594177-20594142	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_6848	IIVTNIEEDLYDGQVLQK	AGAP002356-PA	-	38	0.001798624	3	2090.100	-0.79	Head	2R:-:20594081-20594028	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_10675	IKEVQEIQEEGK	AGAP002356-PA	-	67	2.89E-06	2	1429.752	-0.7	Head	2R:-:20594660-20594768,20593923-20594259	exon=> In CDS Exon 2 and 1 of transcript AGAP002356-PA
JHU_Ag_14332	IKEVQEIQEEGK	AGAP002356-PA	Q5(Deamidated)	39	0.002334948	1	1430.741	2.31	Larva	2R:-:20594660-20594768,20593923-20594259	exon=> In CDS Exon 2 and 1 of transcript AGAP002356-PA
JHU_Ag_18024	LSVVLNAVNHTLGYHHNTPK	AGAP002356-PA	-	50	8.25E-05	1	2214.177	-0.44	Male reproductive organs	2R:-:20593952-20594284,20593242-20593830	exon=> In CDS Exon 3 and 2 of transcript AGAP002356-PA
JHU_Ag_28256	IKEVQEIQEEGK	AGAP002356-PA	-	56	3.41E-05	2	1429.752	-1.04	Visceras	2R:-:20594660-20594768,20593923-20594259	exon=> In CDS Exon 2 and 1 of transcript AGAP002356-PA
JHU_Ag_38767	IIVTNIEEDLYDGQVLQK	AGAP002356-PA	-	141	8.81E-14	1	2090.102	0.09	Male reproductive organs	2R:-:20594081-20594028	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_39062	IIVTNIEEDLYDGQVLQK	AGAP002356-PA	-	120	1.12E-11	1	2090.104	1.14	Visceras	2R:-:20594081-20594028	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_46872	ARPEDIVNMDLK	AGAP002356-PA	M9(Oxidation)	59	1.64E-05	1	1400.723	2.14	Head	2R:-:20593331-20593296	exon=> In CDS Exon 3 of transcript AGAP002356-PA
JHU_Ag_56947	LNVPEVTQSAEGQR	AGAP002356-PA	-	72	9.88E-07	2	1527.784	4.91	Male reproductive organs	2R:-:20594000-20593959	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_64034	LSVVLNAVNHTLGYHHNTPK	AGAP002356-PA	-	62	4.60E-06	1	2214.182	1.86	Head	2R:-:20593952-20594284,20593242-20593830	exon=> In CDS Exon 3 and 2 of transcript AGAP002356-PA
JHU_Ag_72502	SIIQPASLQMPK	AGAP002356-PA	M10(Oxidation)	69	1.58E-06	2	1328.727	1.82	Malpighian tubule	2R:-:20594177-20594142	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_72838	LSNNKLNVPEVTQSAEGQR	AGAP002356-PA	-	75	4.04E-07	1	2084.079	2.69	Ovary	2R:-:20594015-20593959	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_72892	LNVPEVTQSAEGQR	AGAP002356-PA	-	44	0.000554742	2	1527.777	0.28	Midgut	2R:-:20594000-20593959	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_87016	IIVTNIEEDLYDGQVLQK	AGAP002356-PA	-	34	0.003540039	1	2090.113	5.52	Ovary	2R:-:20594081-20594028	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_93896	IKEVQEIQEEGK	AGAP002356-PA	-	78	1.99E-07	1	1429.758	3.48	Male reproductive organs	2R:-:20594660-20594768,20593923-20594259	exon=> In CDS Exon 2 and 1 of transcript AGAP002356-PA
JHU_Ag_100641	IAIDSPGSPNAPIIPPEDYNLEDNESR	AGAP002356-PA	-	33	0.007386688	2	2923.405	3.2	Head	2R:-:20594258-20594178	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_101030	LNVPEVTQSAEGQR	AGAP002356-PA	-	53	7.26E-05	2	1527.783	4.67	Ovary	2R:-:20594000-20593959	exon=> In CDS Exon 2 of transcript AGAP002356-PA
JHU_Ag_104929	FQEQITQSYDDVGMR	AGAP002356-PA	M14(Oxidation)	96	2.97E-09	2	1832.816	2.22	Male reproductive organs	2R:-:20593670-20593626	exon=> In CDS Exon 3 of transcript AGAP002356-PA
JHU_Ag_110366	ARPEDIVNMDLK	AGAP002356-PA	M9(Oxidation)	57	2.84E-05	1	1416.721	4.42	Male reproductive organs	2R:-:20593331-20593296	exon=> In CDS Exon 3 of transcript AGAP002356-PA
JHU_Ag_110577	IIVTNIEEDLYDGQVLQK	AGAP002356-PA	-	85	2.87E-08	1	2090.103	0.79	Midgut	2R:-:20594081-20594028	exon=> In CDS Exon 2 of transcript AGAP002356-PA

JHU_Ag_37897	VPVLGNILNMPGISR	AGAP002357-PA	M10(Oxidation)	61	4.52E-06	2	1595.899	3.2	Larva	2R:+:20595983-20596027	exon=> In CDS Exon 3 of transcript AGAP002357-PA
JHU_Ag_42746	TVDWLAGESDR	AGAP002357-PA	-	56	3.18E-05	2	1248.585	-0.55	Midgut	2R:+:20596028-20596060	exon=> In CDS Exon 3 of transcript AGAP002357-PA
JHU_Ag_106033	TVDWLAGESDR	AGAP002357-PA	-	40	0.001345672	2	1248.591	3.95	Head	2R:+:20596028-20596060	exon=> In CDS Exon 3 of transcript AGAP002357-PA
JHU_Ag_991	AAYFGFYDTAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	86	3.45E-08	1	1281.593	2.47	Visceras	2R:-:20598422-20598390;2R:-:20598422-20598390;2R:-:20598422-20598390	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_3040	PGLSDPVAFIKDFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	164	2.06E-16	1	2332.263	3.43	Visceras	2R:-:20599175-20599104;2R:-:20599175-20599104;2R:-:20599175-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_4498	GLGDCISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C5(Carbamidomethyl)	52	0.00010935	2	849.415	1.62	Visceras	2R:-:20598628-20598605;2R:-:20598628-20598605;2R:-:20598628-20598605	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_5747	IFKTDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	58	7.21E-06	2	1381.787	2.2	Head	2R:-:20598604-20598569;2R:-:20598604-20598569;2R:-:20598604-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_7766	PGLSDPVAFIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	71	9.52E-07	1	1143.643	1.4	Pupa	2R:-:20599175-20599143;2R:-:20599175-20599143;2R:-:20599175-20599143	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_9251	AAYFGFYDTAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	74	4.99E-07	1	1281.590	-0.01	Male reproductive organs	2R:-:20598422-20598390;2R:-:20598422-20598390;2R:-:20598422-20598390	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_9433	QEGTGAFFK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	39	0.001013949	2	984.479	0.18	Pupa	2R:-:20598197-20598171;2R:-:20598197-20598171;2R:-:20598197-20598171	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_9532	GTGGAFVLVLYDEIKK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	114	2.02E-11	1	1709.950	1.77	Head	2R:-:20598146-20598099;2R:-:20598146-20598099;2R:-:20598146-20598099	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA

JHU_Ag_16213	PGLSDPVAFIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	83	5.94E-08	1	1143.640	-0.52	Visceras	2R:-:20599175-20599143;2R:-:20599175-20599143;2R:-:20599175-20599143	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_16784	GTGGAFVLVLYDEIKK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	53	2.10E-05	1	1709.960	7.63	Malpighian tubule	2R:-:20598146-20598099;2R:-:20598146-20598099;2R:-:20598146-20598099	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_21149	QIAEADRYK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	67	3.24E-06	1	1093.564	-0.04	Visceras	2R:-:20599043-20599017;2R:-:20599043-20599017;2R:-:20599043-20599017	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_21181	LLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	Q4(Deamidated),Q6(Deamidated)	81	8.12E-09	1	1178.727	1.57	Head	2R:-:20599073-20599044;2R:-:20599073-20599044;2R:-:20599073-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_22665	DFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	126	2.98E-12	1	1207.636	3.71	Visceras	2R:-:20599142-20599104;2R:-:20599142-20599104;2R:-:20599142-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_24443	GTGGAFVLVLYDEIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	96	2.10E-09	1	1581.862	5.85	Head	2R:-:20598146-20598102;2R:-:20598146-20598102;2R:-:20598146-20598102	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_24796	VKLLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	62	1.72E-07	2	1405.891	1.19	Head	2R:-:20599079-20599044;2R:-:20599079-20599044;2R:-:20599079-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_26896	GTGGAFVLVLYDEIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	82	6.50E-08	2	1581.848	-2.48	Midgut	2R:-:20598146-20598102;2R:-:20598146-20598102;2R:-:20598146-20598102	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_27319	TDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	65	3.71E-06	1	993.538	2.04	Visceras	2R:-:20598595-20598569;2R:-:20598595-20598569;2R:-:20598595-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA

JHU_Ag_28552	PGLSDPVAFIKDFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	150	6.89E-15	1	2332.250	-1.91	Midgut	2R:-:20599175-20599104;2R:-:20599175-20599104;2R:-:20599175-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_29235	EQGFSAFWR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	71	7.26E-07	1	1127.527	-0.12	Visceras	2R:-:20598983-20598957;2R:-:20598983-20598957;2R:-:20598983-20598957	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_30742	GMVDCFVR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	M2(Oxidation), C5(Carbamidomethyl)	40	0.000427166	2	999.437	-2.2	Head	2R:-:20599016-20598993;2R:-:20599016-20598993;2R:-:20599016-20598993	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_32162	VKLLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	90	2.95E-10	1	1405.890	0.51	Visceras	2R:-:20599079-20599044;2R:-:20599079-20599044;2R:-:20599079-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_32456	IFKTDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	68	8.29E-07	1	1381.787	2.38	Visceras	2R:-:20598604-20598569;2R:-:20598604-20598569;2R:-:20598604-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_32990	AAYFGFYDTAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	69	1.63E-06	1	1281.590	-0.29	Midgut	2R:-:20598422-20598390;2R:-:20598422-20598390;2R:-:20598422-20598390	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_33646	LLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	81	8.20E-09	1	1178.729	2.71	Malpighian tubule	2R:-:20599073-20599044;2R:-:20599073-20599044;2R:-:20599073-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_34320	GTLHCWATIAK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C5(Carbamidomethyl)	77	2.38E-07	1	1257.639	-1.64	Head	2R:-:20598230-20598198;2R:-:20598230-20598198;2R:-:20598230-20598198	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_35533	SEIVYK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	32	0.003298321	2	738.402	-1.16	Head	2R:-:20598248-20598231;2R:-:20598248-20598231;2R:-:20598248-20598231	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA

JHU_Ag_37315	QIAEADRYK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	Q1(Deamidated)	56	4.37E-05	1	1093.556	-6.63	Head	2R:-:20599043-20599017;2R:-:20599043-20599017;2R:-:20599043-20599017	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_37380	AAYFGFYDTAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	51	9.59E-05	2	1281.591	1.04	Salivary gland	2R:-:20598422-20598390;2R:-:20598422-20598390;2R:-:20598422-20598390	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_38054	PGLSDPVAFIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	71	1.09E-06	1	1143.641	0.44	Male reproductive organs	2R:-:20599175-20599143;2R:-:20599175-20599143;2R:-:20599175-20599143	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_38216	DFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	115	4.45E-11	1	1207.632	0.17	Male reproductive organs	2R:-:20599142-20599104;2R:-:20599142-20599104;2R:-:20599142-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_39907	EQGFSAFWR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	68	1.49E-06	2	1127.527	0.2	Midgut	2R:-:20598983-20598957;2R:-:20598983-20598957;2R:-:20598983-20598957	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_42645	GMLPNPK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	M2(Oxidation)	43	0.000297438	1	756.409	1.73	Visceras	2R:-:20598389-20598369;2R:-:20598389-20598369;2R:-:20598389-20598369	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_42956	TDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	37	0.002234443	2	993.539	2.84	Malpighian tubule	2R:-:20598595-20598569;2R:-:20598595-20598569;2R:-:20598595-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_43417	GFGVSVQGIIIYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	86	1.21E-08	2	1408.799	2.74	Head	2R:-:20598568-20598674,20598090-20598423;2R:-:20598568-20598674,20598090-20598423;2R:-:20598568-20598674,20598090-20598423	exon=> In CDS Exon 3 and 2 of transcript AGAP002358-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP002358-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002358-PA

JHU_Ag_44317	GTLHCWATIAK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C5(Carbamidomethyl)	35	0.004204041	1	1257.645	3.5	Pupa	2R:-:20598230-20598198;2R:-:20598230-20598198;2R:-:20598230-20598198	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_45633	TDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	55	3.60E-05	2	993.537	0.93	Pupa	2R:-:20598595-20598569;2R:-:20598595-20598569;2R:-:20598595-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_49085	YFIGNLASGGMAGATSLCFVYPLDFAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	M11(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	109	1.65E-10	1	2898.407	4.07	Visceras	2R:-:20598839-20598759;2R:-:20598839-20598759;2R:-:20598839-20598759	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_52349	PGLSDPVAFIKDFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	174	2.34E-17	1	2332.267	5.15	Malpighian tubule	2R:-:20599175-20599104;2R:-:20599175-20599104;2R:-:20599175-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_52608	EFKGLGDCISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C8(Carbamidomethyl)	43	0.000697112	1	1253.622	2.27	Visceras	2R:-:20598637-20598605;2R:-:20598637-20598605;2R:-:20598637-20598605	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_54080	LLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	52	6.50E-06	1	1178.725	-0.19	Salivary gland	2R:-:20599073-20599044;2R:-:20599073-20599044;2R:-:20599073-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_55823	DFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	99	1.69E-09	2	1207.633	0.98	Pupa	2R:-:20599142-20599104;2R:-:20599142-20599104;2R:-:20599142-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_56516	EQGFSAFWR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	58	1.61E-05	2	1127.528	0.96	Head	2R:-:20598983-20598957;2R:-:20598983-20598957;2R:-:20598983-20598957	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_58574	LLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	81	7.78E-09	1	1178.727	1.37	Visceras	2R:-:20599073-20599044;2R:-:20599073-20599044;2R:-:20599073-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_60823	PGLSDPVAFIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	85	3.62E-08	1	1143.642	0.97	Head	2R:-:20599175-20599143;2R:-:20599175-20599143;2R:-:20599175-20599143	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_62217	GTLHCWATIAK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C5(Carbamidomethyl)	68	2.05E-06	1	1257.639	-1.84	Midgut	2R:-:20598230-20598198;2R:-:20598230-20598198;2R:-:20598230-20598198	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_65792	SEIVYK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	40	0.000618433	2	738.403	-0.34	Visceras	2R:-:20598248-20598231;2R:-:20598248-20598231;2R:-:20598248-20598231	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_68046	EQGFSAFWR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	54	4.02E-05	2	1127.528	1.39	Pupa	2R:-:20598983-20598957;2R:-:20598983-20598957;2R:-:20598983-20598957	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_68574	TDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	41	0.001177966	2	993.536	-0.54	Male reproductive organs	2R:-:20598595-20598569;2R:-:20598595-20598569;2R:-:20598595-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_68991	LLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	76	2.18E-08	1	1178.726	0.12	Male reproductive organs	2R:-:20599073-20599044;2R:-:20599073-20599044;2R:-:20599073-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_72148	GTLHCWATIAK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C5(Carbamidomethyl)	81	9.84E-08	1	1257.641	0.2	Visceras	2R:-:20598230-20598198;2R:-:20598230-20598198;2R:-:20598230-20598198	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_72149	AKSEIVYK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	55	1.76E-05	1	937.535	0.05	Visceras	2R:-:20598254-20598231;2R:-:20598254-20598231;2R:-:20598254-20598231	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_73760	EQGFSAFWRGNLANVIR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	49	0.000170524	1	1965.015	3.21	Malpighian tubule	2R:-:20598983-20598933;2R:-:20598983-20598933;2R:-:20598983-20598933	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_74824	GMVDCFVR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	M2(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	64	2.92E-06	1	983.446	1.78	Visceras	2R:-:20599016-20598993;2R:-:20599016-20598993;2R:-:20599016-20598993	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_75325	QEGTGAFFK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	59	1.05E-05	2	984.478	-0.5	Visceras	2R:-:20598197-20598171;2R:-:20598197-20598171;2R:-:20598197-20598171	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_76343	LAADVGKGAEAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	64	5.86E-06	1	1157.630	2.62	Malpighian tubule	2R:-:20598673-20598638;2R:-:20598673-20598638;2R:-:20598673-20598638	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_77241	AAYFGFYDTAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	77	2.35E-07	1	1281.593	2.37	Pupa	2R:-:20598422-20598390;2R:-:20598422-20598390;2R:-:20598422-20598390	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_77322	TDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	60	1.36E-05	2	993.534	-2.75	Head	2R:-:20598595-20598569;2R:-:20598595-20598569;2R:-:20598595-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_79047	VKLLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	50	2.56E-06	1	1405.892	2.32	Malpighian tubule	2R:-:20599079-20599044;2R:-:20599079-20599044;2R:-:20599079-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_79121	YKGMVDCFVR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	M4(Oxidation), C7(Carbamidomethyl)	58	1.70E-05	1	1290.596	-0.5	Visceras	2R:-:20599022-20598993;2R:-:20599022-20598993;2R:-:20599022-20598993	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_79591	PGLSDPVAFIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	N-Term(Acetyl)	36	0.002371556	2	1185.653	1.5	Visceras	2R:-:20599175-20599143;2R:-:20599175-20599143;2R:-:20599175-20599143	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_81065	TTPWYVSWAIAQCVTTVAGIVSYPFDTVR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C13(Carbamidomethyl)	41	0.00068677	3	3288.650	3.07	Visceras	2R:-:20598368-20598282;2R:-:20598368-20598282;2R:-:20598368-20598282	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA

JHU_Ag_83682	GLGDCISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	C5(Carbamidomethyl)	39	0.002155326	1	849.413	-0.82	Head	2R:-:20598628-20598605;2R:-:20598628-20598605;2R:-:20598628-20598605	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_83713	QEGTGAFFK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	45	0.000268089	1	984.478	-1.05	Head	2R:-:20598197-20598171;2R:-:20598197-20598171;2R:-:20598197-20598171	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_84995	GTGGAFVLVLYDEIKK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	111	4.41E-11	1	1709.947	-0.44	Midgut	2R:-:20598146-20598099;2R:-:20598146-20598099;2R:-:20598146-20598099	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_87759	AAYFGFYDTAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	55	4.05E-05	2	1281.592	1.99	Malpighian tubule	2R:-:20598422-20598390;2R:-:20598422-20598390;2R:-:20598422-20598390	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_88909	GTGGAFVLVLYDEIKK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	131	4.40E-13	1	1709.954	3.84	Visceras	2R:-:20598146-20598099;2R:-:20598146-20598099;2R:-:20598146-20598099	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_88922	DFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	119	1.62E-11	1	1207.634	2.09	Head	2R:-:20599142-20599104;2R:-:20599142-20599104;2R:-:20599142-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_90975	QVFLGGVDKNTQFTR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	Q1(Deamidated), N10(Deamidated)	105	3.24E-10	1	1709.901	2.36	Head	2R:-:20598884-20598840;2R:-:20598884-20598840;2R:-:20598884-20598840	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_91314	YFPTQALNFAFKDK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	71	1.39E-06	1	1689.867	1.87	Head	2R:-:20598932-20598891;2R:-:20598932-20598891;2R:-:20598932-20598891	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_92313	GFGVSVQGIIIYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	72	3.17E-07	2	1408.800	3.61	Visceras	2R:-:20598568-20598674,20598090-20598423;2R:-:20598568-20598674,20598090-20598423;2R:-:20598568-20598674,20598090-20598423	exon=> In CDS Exon 3 and 2 of transcript AGAP002358-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP002358-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002358-PA
JHU_Ag_92856	QVFLGGVDKNTQFTR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	115	3.62E-11	1	1709.899	1.36	Visceras	2R:-:20598884-20598840;2R:-:20598884-20598840;2R:-:20598884-20598840	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_95136	QVFLGGVDKNTQFTR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	85	3.63E-08	2	1709.896	-0.36	Midgut	2R:-:20598884-20598840;2R:-:20598884-20598840;2R:-:20598884-20598840	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_97566	LLLQVQHISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	79	1.32E-08	1	1178.726	0.12	Pupa	2R:-:20599073-20599044;2R:-:20599073-20599044;2R:-:20599073-20599044	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_98563	DFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	110	1.28E-10	2	1207.629	-2.36	Midgut	2R:-:20599142-20599104;2R:-:20599142-20599104;2R:-:20599142-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_99733	AAYFGFYDTAR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	79	1.70E-07	1	1281.589	-1.06	Head	2R:-:20598422-20598390;2R:-:20598422-20598390;2R:-:20598422-20598390	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_100090	GTGGAFVLVLYDEIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	104	3.07E-10	1	1581.859	4.39	Visceras	2R:-:20598146-20598102;2R:-:20598146-20598102;2R:-:20598146-20598102	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_100550	NTQFTR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	41	0.000958541	2	766.383	-1.1	Visceras	2R:-:20598857-20598840;2R:-:20598857-20598840;2R:-:20598857-20598840	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_104595	PGLSDPVAFIKDFAAGGISAAISK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	139	7.81E-14	1	2332.250	-1.99	Head	2R:-:20599175-20599104;2R:-:20599175-20599104;2R:-:20599175-20599104	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_106046	TDGLVGLYR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	62	1.06E-05	2	993.533	-3.55	Midgut	2R:-:20598595-20598569;2R:-:20598595-20598569;2R:-:20598595-20598569	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_107937	EQGFSAFWR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	65	2.95E-06	2	1127.530	2.8	Malpighian tubule	2R:-:20598983-20598957;2R:-:20598983-20598957;2R:-:20598983-20598957	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_109817	EQGFSAFWRGNLANVIR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	35	0.003801398	1	1965.010	0.69	Visceras	2R:-:20598983-20598933;2R:-:20598983-20598933;2R:-:20598983-20598933	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_111278	LAADVGK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	40	0.000857589	1	673.388	0.78	Salivary gland	2R:-:20598673-20598653;2R:-:20598673-20598653;2R:-:20598673-20598653	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_112276	LAADVGK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	43	0.00047128	1	673.389	0.87	Visceras	2R:-:20598673-20598653;2R:-:20598673-20598653;2R:-:20598673-20598653	exon=> In CDS Exon 2 of transcript AGAP002358-PC;exon=> In CDS Exon 2 of transcript AGAP002358-PB;exon=> In CDS Exon 2 of transcript AGAP002358-PA
JHU_Ag_113765	EQGFSAFWR	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	70	7.70E-07	1	1127.527	0.09	Male reproductive organs	2R:-:20598983-20598957;2R:-:20598983-20598957;2R:-:20598983-20598957	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_115718	GTGGAFVLVLYDEIKK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	34	0.001883519	1	1709.952	2.94	Pupa	2R:-:20598146-20598099;2R:-:20598146-20598099;2R:-:20598146-20598099	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_117138	GTGGAFVLVLYDEIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	42	0.000518556	1	1581.860	4.62	Pupa	2R:-:20598146-20598102;2R:-:20598146-20598102;2R:-:20598146-20598102	exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA

JHU_Ag_117445	PGLSDPVAFIK	AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	83	6.09E-08	1	1143.638	-2.98	Midgut	2R:-:20599175-20599143;2R:-:20599175-20599143;2R:-:20599175-20599143	exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_22827	HPDAAALTDSFNNR	AGAP002361-PA	-	67	2.77E-06	2	1528.714	0.13	Head	2R:-:20630564-20630523	exon=> In CDS Exon 2 of transcript AGAP002361-PA
JHU_Ag_34388	VVGEEYYQQWNTVLR	AGAP002361-PA	-	58	2.17E-05	2	1883.934	2.89	Pupa	2R:-:20621363-20621526,20620352-20620509	exon=> In CDS Exon 5 and 4 of transcript AGAP002361-PA
JHU_Ag_65021	VVGEEYYQQWNTVLR	AGAP002361-PA	-	79	1.79E-07	1	1883.942	6.9	Larva	2R:-:20621363-20621526,20620352-20620509	exon=> In CDS Exon 5 and 4 of transcript AGAP002361-PA
JHU_Ag_112040	TNIQNFIAK	AGAP002361-PA	-	41	0.001073957	1	1048.578	-0.3	Salivary gland	2R:-:20636095-20636209,20630450-20630565	exon=> In CDS Exon 2 and 1 of transcript AGAP002361-PA
JHU_Ag_117747	VVGEEYYQQWNTVLR	AGAP002361-PA	-	93	7.35E-09	2	1883.934	2.95	Salivary gland	2R:-:20621363-20621526,20620352-20620509	exon=> In CDS Exon 5 and 4 of transcript AGAP002361-PA
JHU_Ag_68479	SCLDILNSPLGEVFLHCTGR	AGAP002362-PA	C2(Carbamidomethyl), C17(Carbamidomethyl)	61	1.39E-05	1	2288.126	4.08	Ovary	2R:-:20643926-20643867	exon=> In CDS Exon 2 of transcript AGAP002362-PA
JHU_Ag_105374	LYRTITVK	AGAP002362-PA	-	19	0.010676255	1	993.622	12.66	Head	2R:-:20643695-20643672	exon=> In CDS Exon 2 of transcript AGAP002362-PA
JHU_Ag_2386	LYSPSKEPAVVYFR	AGAP002363-PA	-	81	6.53E-08	1	1655.881	1.02	Pupa	2R:-:20645569-20645528	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_13862	VPDFVFLR	AGAP002363-PA	-	55	3.61E-05	1	992.555	-1.89	Ovary	2R:-:20645149-20645294,20644941-20645060	exon=> In CDS Exon 4 and 3 of transcript AGAP002363-PA
JHU_Ag_16369	HGVPLLYDGAIEEDALIGK	AGAP002363-PA	-	70	1.03E-06	2	2010.061	3.54	Midgut	2R:-:20645527-20645471	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_16740	VPVPLSPFDNLVELAVQYLK	AGAP002363-PA	-	92	1.01E-09	1	2241.263	4.44	Larva	2R:-:20644963-20645066,20644655-20644832	exon=> In CDS Exon 5 and 4 of transcript AGAP002363-PA
JHU_Ag_16773	LYSPSKEPAVVYFR	AGAP002363-PA	-	78	1.68E-07	1	1655.877	-1.05	Midgut	2R:-:20645569-20645528	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_21594	LTAVWEAVAADLK	AGAP002363-PA	-	111	8.32E-11	2	1386.762	-0.5	Midgut	2R:-:20645263-20645225	exon=> In CDS Exon 3 of transcript AGAP002363-PA
JHU_Ag_30435	VPVPLSPFDNLVELAVQYLK	AGAP002363-PA	-	120	2.43E-12	2	2241.254	0.3	Midgut	2R:-:20644963-20645066,20644655-20644832	exon=> In CDS Exon 5 and 4 of transcript AGAP002363-PA
JHU_Ag_31683	LKQEIEDNLQAHAVK	AGAP002363-PA	-	95	2.52E-09	1	1735.937	1.87	Male reproductive organs	2R:-:20645638-20645594	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_32865	SFVTFAQDWYK	AGAP002363-PA	-	39	0.002303081	2	1391.672	6.18	Midgut	2R:-:20645014-20644982	exon=> In CDS Exon 4 of transcript AGAP002363-PA
JHU_Ag_33322	VPVPLSPFDNLVELAVQYLK	AGAP002363-PA	-	45	6.97E-05	1	2241.256	1.5	Pupa	2R:-:20644963-20645066,20644655-20644832	exon=> In CDS Exon 5 and 4 of transcript AGAP002363-PA
JHU_Ag_36131	LKQEIEDNLQAHAVK	AGAP002363-PA	-	88	1.33E-08	1	1735.934	-0.16	Midgut	2R:-:20645638-20645594	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_36310	LTAVWEAVAADLK	AGAP002363-PA	-	92	6.97E-09	2	1386.768	3.38	Salivary gland	2R:-:20645263-20645225	exon=> In CDS Exon 3 of transcript AGAP002363-PA
JHU_Ag_39842	SFVTFAQDWYK	AGAP002363-PA	-	68	2.65E-06	2	1391.666	2.06	Pupa	2R:-:20645014-20644982	exon=> In CDS Exon 4 of transcript AGAP002363-PA
JHU_Ag_40369	LTAVWEAVAADLK	AGAP002363-PA	-	89	1.42E-08	1	1386.766	1.97	Male reproductive organs	2R:-:20645263-20645225	exon=> In CDS Exon 3 of transcript AGAP002363-PA

JHU_Ag_40569	HGVPLLYDGAIEEDALIGK	AGAP002363-PA	-	95	3.28E-09	2	2010.053	-0.65	Pupa	2R:-:20645527-20645471	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_60025	SFVTFAQDWYK	AGAP002363-PA	-	51	0.000139443	2	1391.665	1.27	Head	2R:-:20645014-20644982	exon=> In CDS Exon 4 of transcript AGAP002363-PA
JHU_Ag_65532	HGVPLLYDGAIEEDALIGK	AGAP002363-PA	-	52	6.19E-05	1	2010.056	0.93	Malpighian tubule	2R:-:20645527-20645471	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_66397	LTAVWEAVAADLK	AGAP002363-PA	-	92	7.52E-09	2	1386.766	2.23	Pupa	2R:-:20645263-20645225	exon=> In CDS Exon 3 of transcript AGAP002363-PA
JHU_Ag_77433	LYSPSKEPAVVYFR	AGAP002363-PA	-	39	0.001272881	1	1655.880	0.28	Head	2R:-:20645569-20645528	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_77600	LYSPSKEPAVVYFR	AGAP002363-PA	-	59	1.05E-05	1	1655.886	3.81	Malpighian tubule	2R:-:20645569-20645528	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_78490	SFVTFAQDWYK	AGAP002363-PA	-	59	2.03E-05	2	1391.668	3.29	Male reproductive organs	2R:-:20645014-20644982	exon=> In CDS Exon 4 of transcript AGAP002363-PA
JHU_Ag_79910	VPVPLSPFDNLVELAVQYLK	AGAP002363-PA	-	72	1.76E-07	1	2241.252	-0.25	Ovary	2R:-:20644963-20645066,20644655-20644832	exon=> In CDS Exon 5 and 4 of transcript AGAP002363-PA
JHU_Ag_83874	LTAVWEAVAADLK	AGAP002363-PA	-	84	3.89E-08	1	1386.767	2.94	Head	2R:-:20645263-20645225	exon=> In CDS Exon 3 of transcript AGAP002363-PA
JHU_Ag_104599	KVPDFVFLR	AGAP002363-PA	-	29	0.004974891	1	1120.654	1.97	Malpighian tubule	2R:-:20645152-20645294,20644941-20645060	exon=> In CDS Exon 4 and 3 of transcript AGAP002363-PA
JHU_Ag_106371	LKQEIEDNLQAHAVK	AGAP002363-PA	-	65	2.81E-06	2	1735.931	-1.85	Pupa	2R:-:20645638-20645594	exon=> In CDS Exon 2 of transcript AGAP002363-PA
JHU_Ag_25457	LKGIHNALVEHADAEK	AGAP002364-PA	-	116	2.56E-11	1	1744.939	2.5	Malpighian tubule	2R:-:20647845-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_30759	GIHNALVEHADAEK	AGAP002364-PA	-	116	4.52E-11	1	1503.756	0.62	Visceras	2R:-:20647839-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_35986	LKGIHNALVEHADAEK	AGAP002364-PA	-	98	1.58E-09	1	1744.937	1.45	Visceras	2R:-:20647845-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_54171	GIHNALVEHADAEK	AGAP002364-PA	-	98	3.05E-09	1	1503.760	3.13	Malpighian tubule	2R:-:20647839-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_66274	LKGIHNALVEHADAEK	AGAP002364-PA	-	83	5.68E-08	1	1744.935	0.51	Head	2R:-:20647845-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_87322	GIHNALVEHADAEK	AGAP002364-PA	-	116	4.72E-11	1	1503.754	-0.84	Head	2R:-:20647839-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_103572	GIHNALVEHADAEKSAHQAQALWGACQSLWSSIR	AGAP002364-PA	C26(Carbamidomethyl)	68	1.62E-06	1	3741.846	4.11	Malpighian tubule	2R:-:20647839-20649014,20646740-20647286	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_107824	GIHNALVEHADAEK	AGAP002364-PA	-	116	4.70E-11	1	1503.755	-0.19	Salivary gland	2R:-:20647839-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_113755	GIHNALVEHADAEK	AGAP002364-PA	-	101	1.37E-09	1	1503.758	2.16	Midgut	2R:-:20647839-20649014,20646740-20647346	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PA
JHU_Ag_516	YWLDRGDLVK	AGAP002364-PA,AGAP002364-PB	-	32	0.008832 64	1	1264.669	0.58	Ovary	2R:-:20646916-20646887;2R:-:20646916-20646887	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB

JHU_Ag_586	KAALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	67	2.73E-06	1	1286.693	6.16	Malpighian tubule	2R:-:20646847-20646815;2R:-:20646847-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_1069	LLLETQQAASTLMAHAAASGVR	AGAP002364-PA,AGAP002364-PB	M13(Oxidation)	115	3.21E-11	1	2255.188	2.98	Male reproductive organs	2R:-:20646814-20646749;2R:-:20646814-20646749	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_1278	YDNEFRK	AGAP002364-PA,AGAP002364-PB	-	35	0.002378661	1	971.461	2.73	Malpighian tubule	2R:-:20649291-20649271;2R:-:20649291-20649271	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_2116	QNIAAYLDHLKK	AGAP002364-PA,AGAP002364-PB	-	34	0.003081867	1	1413.783	-1.15	Midgut	2R:-:20648445-20648410;2R:-:20648445-20648410	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_2869	ARLEYEIAK	AGAP002364-PA,AGAP002364-PB	-	49	0.000153163	1	1092.600	-4.07	Head	2R:-:20648109-20648083;2R:-:20648109-20648083	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_2935	TVQYVNLLQGAPRK	AGAP002364-PA,AGAP002364-PB	-	72	2.13E-07	1	1586.908	4.11	Malpighian tubule	2R:-:20646886-20646845;2R:-:20646886-20646845	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_3066	VVDESVDKLDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	49	0.000219525	1	2037.015	0.87	Male reproductive organs	2R:-:20648640-20648587;2R:-:20648640-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_3760	VLVVLSPILIGGGVVTYAK	AGAP002364-PA,AGAP002364-PB	-	108	2.23E-12	1	1898.184	5.75	Malpighian tubule	2R:-:20649446-20649542,20649093-20649292;2R:-:20649446-20649542,20649093-20649292	exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PB
JHU_Ag_3818	RQLNLLNQK	AGAP002364-PA,AGAP002364-PB	Q8(Deamidated)	51	3.84E-05	1	1126.668	-1.23	Head	2R:-:20648076-20648050;2R:-:20648076-20648050	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_3929	DQLRPLKDEIAAVAR	AGAP002364-PA,AGAP002364-PB	-	100	4.41E-10	1	1694.957	1	Visceras	2R:-:20647258-20647214;2R:-:20647258-20647214	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_4320	DQLRPLKDEIAAVAR	AGAP002364-PA,AGAP002364-PB	-	93	2.06E-09	1	1694.953	-1.27	Midgut	2R:-:20647258-20647214;2R:-:20647258-20647214	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_4420	RQLNLLNQK	AGAP002364-PA,AGAP002364-PB	-	30	0.004819604	1	1126.672	2.78	Malpighian tubule	2R:-:20648076-20648050;2R:-:20648076-20648050	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_4526	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	112	9.35E-11	1	1545.753	1.65	Midgut	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_5211	VLVVLSPILIGGGVVTYAK	AGAP002364-PA,AGAP002364-PB	-	81	1.99E-09	2	1898.173	0.23	Ovary	2R:-:20649446-20649542,20649093-20649292;2R:-:20649446-20649542,20649093-20649292	exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PB
JHU_Ag_5236	VLVVLSPILIGGGVVTYAK	AGAP002364-PA,AGAP002364-PB	-	146	4.15E-16	1	1898.177	2.28	Visceras	2R:-:20649446-20649542,20649093-20649292;2R:-:20649446-20649542,20649093-20649292	exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PB
JHU_Ag_5683	SAHQAQALWGACQSLWSSIR	AGAP002364-PA,AGAP002364-PB	C12(Carbamidomethyl)	80	1.63E-07	1	2257.092	-0.36	Midgut	2R:-:20647345-20647286;2R:-:20647345-20647286	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_6655	LDTYDILNR	AGAP002364-PA,AGAP002364-PB	-	65	5.18E-06	1	1122.580	0.78	Head	2R:-:20646949-20646923;2R:-:20646949-20646923	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_8628	TVQYVNLLQGAPR	AGAP002364-PA,AGAP002364-PB	-	94	3.86E-09	2	1458.807	0.62	Salivary gland	2R:-:20646886-20646848;2R:-:20646886-20646848	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_9480	RLALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	57	5.59E-06	1	1152.686	1.08	Visceras	2R:-:20647087-20647055;2R:-:20647087-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_10630	QNIAAYLDHLKK	AGAP002364-PA,AGAP002364-PB	-	66	2.27E-06	1	1413.787	1.31	Visceras	2R:-:20648445-20648410;2R:-:20648445-20648410	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_11059	LEYEIAK	AGAP002364-PA,AGAP002364-PB	-	39	0.001138263	1	865.467	0.65	Head	2R:-:20648103-20648083;2R:-:20648103-20648083	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_11503	EYGHAVDVLK	AGAP002364-PA,AGAP002364-PB	-	52	0.000113574	1	1130.578	-5.06	Head	2R:-:20648694-20648665;2R:-:20648694-20648665	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_12889	LLLETQQAASTLMAHAAASGVR	AGAP002364-PA,AGAP002364-PB	M13(Oxidation)	103	4.10E-10	1	2239.190	1.5	Ovary	2R:-:20646814-20646749;2R:-:20646814-20646749	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_13590	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	122	9.11E-12	1	1545.754	2.04	Visceras	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_14800	TLLQETNPLDEVSKK	AGAP002364-PA,AGAP002364-PB	-	84	3.68E-08	1	1714.924	0.89	Head	2R:-:20649228-20649184;2R:-:20649228-20649184	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_14952	DQLRPLKDEIAAVAR	AGAP002364-PA,AGAP002364-PB	-	89	5.10E-09	1	1694.960	2.72	Ovary	2R:-:20647258-20647214;2R:-:20647258-20647214	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB

JHU_Ag_15620	TLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	58	1.67E-06	1	1507.910	0.32	Male reproductive organs	2R:-:20649270-20649229;2R:-:20649270-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_15925	LDTYDILNR	AGAP002364-PA,AGAP002364-PB	-	58	2.69E-05	2	1122.584	4.16	Malpighian tubule	2R:-:20646949-20646923;2R:-:20646949-20646923	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_16329	DQLRPLKDEIAAVAR	AGAP002364-PA,AGAP002364-PB	-	104	1.83E-10	1	1694.955	0.24	Salivary gland	2R:-:20647258-20647214;2R:-:20647258-20647214	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_18473	LDTYDILNR	AGAP002364-PA,AGAP002364-PB	-	77	3.53E-07	2	1122.577	-1.5	Midgut	2R:-:20646949-20646923;2R:-:20646949-20646923	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_18909	SYTNEVR	AGAP002364-PA,AGAP002364-PB	-	41	0.000815579	2	868.416	0.49	Head	2R:-:20648664-20648644;2R:-:20648664-20648644	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_19393	SISDLEQQVEVAATIAIK	AGAP002364-PA,AGAP002364-PB	Q7(Deamidated),Q8(Deamidated)	121	6.11E-12	1	1915.043	2.44	Visceras	2R:-:20648748-20648695;2R:-:20648748-20648695	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_19680	AALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	60	1.30E-05	2	1158.591	0.84	Head	2R:-:20646844-20646815;2R:-:20646844-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_20254	SISDLEQQVEVAATIAIK	AGAP002364-PA,AGAP002364-PB	-	110	8.58E-11	2	1915.041	1.61	Head	2R:-:20648748-20648695;2R:-:20648748-20648695	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_20366	LQIEGDQNLRR	AGAP002364-PA,AGAP002364-PB	-	37	0.001696023	1	1341.723	0.03	Visceras	2R:-:20648187-20648155;2R:-:20648187-20648155	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_20629	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	131	1.33E-12	1	1545.757	4.49	Malpighian tubule	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_20660	SVHVPVPSPPLPKPEPINLSDKVPEQPK	AGAP002364-PA,AGAP002364-PB	-	42	0.000206677	1	3025.663	-3.07	Male reproductive organs	2R:-:20648982-20648899;2R:-:20648982-20648899	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_20677	DQLRPLKDEIAAVAR	AGAP002364-PA,AGAP002364-PB	-	80	3.49E-08	1	1694.962	4.34	Malpighian tubule	2R:-:20647258-20647214;2R:-:20647258-20647214	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_21554	TLLQETNPLDEVSKK	AGAP002364-PA,AGAP002364-PB	-	67	1.78E-06	2	1714.925	1.81	Salivary gland	2R:-:20649228-20649184;2R:-:20649228-20649184	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB

JHU_Ag_22153	VLVVLSPILIGGGVVTYAK	AGAP002364-PA,AGAP002364-PB	-	129	2.07E-14	1	1898.176	1.7	Head	2R:-:20649446-20649542,20649093-20649292;2R:-:20649446-20649542,20649093-20649292	exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PB
JHU_Ag_22741	SYTNEVRK	AGAP002364-PA,AGAP002364-PB	-	54	4.75E-05	1	996.513	1.78	Malpighian tubule	2R:-:20648664-20648641;2R:-:20648664-20648641	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_22744	LQIEGDQNLR	AGAP002364-PA,AGAP002364-PB	-	51	9.29E-05	1	1185.624	1.1	Salivary gland	2R:-:20648187-20648158;2R:-:20648187-20648158	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_22918	TLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	56	2.14E-06	2	1507.908	-0.65	Midgut	2R:-:20649270-20649229;2R:-:20649270-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_23139	KPDLPPITR	AGAP002364-PA,AGAP002364-PB	-	53	9.99E-06	1	1036.619	3.79	Malpighian tubule	2R:-:20649093-20649292,20647818-20648989;2R:-:20649093-20649292,20647818-20648989	exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PB
JHU_Ag_23497	VVDESVDKLDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	150	1.73E-14	1	2037.016	1.27	Visceras	2R:-:20648640-20648587;2R:-:20648640-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_24339	AELEQQMR	AGAP002364-PA,AGAP002364-PB	-	49	0.00015927	2	1004.485	1.83	Malpighian tubule	2R:-:20648031-20648008;2R:-:20648031-20648008	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_25343	AELEQQMR	AGAP002364-PA,AGAP002364-PB	M7(Oxidation)	50	0.000145589	1	1020.478	-0.09	Salivary gland	2R:-:20648031-20648008;2R:-:20648031-20648008	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_25380	LQIEGDQNLR	AGAP002364-PA,AGAP002364-PB	-	61	8.00E-06	1	1185.623	0.48	Visceras	2R:-:20648187-20648158;2R:-:20648187-20648158	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_25978	SGQPGKSWR	AGAP002364-PA,AGAP002364-PB	-	45	0.00057302	1	1002.513	1.44	Malpighian tubule	2R:-:20647285-20647259;2R:-:20647285-20647259	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_26166	LLLETQQAASTLMAHAAASGVR	AGAP002364-PA,AGAP002364-PB	M13(Oxidation)	144	3.24E-14	1	2239.197	4.77	Head	2R:-:20646814-20646749;2R:-:20646814-20646749	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_26408	LHALLNSR	AGAP002364-PA,AGAP002364-PB	-	46	0.000121981	1	923.543	0.73	Salivary gland	2R:-:20648508-20648485;2R:-:20648508-20648485	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_28401	KLLLTR	AGAP002364-PA,AGAP002364-PB	-	32	0.002600347	1	743.514	-0.3	Head	2R:-:20648049-20648032;2R:-:20648049-20648032	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_28551	SAEGDELVTVVLK	AGAP002364-PA,AGAP002364-PB	-	115	4.41E-11	1	1359.740	2.12	Visceras	2R:-:20647213-20647175;2R:-:20647213-20647175	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_28921	TLLQETNPLDEVSKK	AGAP002364-PA,AGAP002364-PB	-	119	1.11E-11	1	1714.926	2.03	Visceras	2R:-:20649228-20649184;2R:-:20649228-20649184	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_29356	TLLQETNPLDEVSK	AGAP002364-PA,AGAP002364-PB	-	69	1.77E-06	2	1586.830	1.73	Malpighian tubule	2R:-:20649228-20649187;2R:-:20649228-20649187	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_29393	QLNLLNQK	AGAP002364-PA,AGAP002364-PB	-	51	5.02E-05	2	970.569	0.63	Visceras	2R:-:20648073-20648050;2R:-:20648073-20648050	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_29424	AKEEVYAAR	AGAP002364-PA,AGAP002364-PB	-	52	9.52E-05	2	1036.544	1.46	Malpighian tubule	2R:-:20648409-20648383;2R:-:20648409-20648383	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_29868	SAPAAPSKPAPLASGGETVPK	AGAP002364-PA,AGAP002364-PB	-	66	2.16E-06	1	1933.042	1.36	Salivary gland	2R:-:20648811-20648749;2R:-:20648811-20648749	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_30685	VVDESVDKLDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	135	4.83E-13	1	2037.023	4.56	Malpighian tubule	2R:-:20648640-20648587;2R:-:20648640-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_31208	SVHVPVPSPPLPKPEPINLSDKVPEQPK	AGAP002364-PA,AGAP002364-PB	-	101	2.20E-10	1	3025.672	0.08	Visceras	2R:-:20648982-20648899;2R:-:20648982-20648899	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_32795	ITTEQASYK	AGAP002364-PA,AGAP002364-PB	-	43	0.000476961	1	1040.525	-0.79	Head	2R:-:20647899-20647873;2R:-:20647899-20647873	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_33085	SAEGDELVTVVLK	AGAP002364-PA,AGAP002364-PB	-	117	2.78E-11	2	1359.737	0.15	Midgut	2R:-:20647213-20647175;2R:-:20647213-20647175	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_33458	SAEGDELVTVVLK	AGAP002364-PA,AGAP002364-PB	-	115	4.47E-11	1	1359.738	0.87	Head	2R:-:20647213-20647175;2R:-:20647213-20647175	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_33963	KPDLPPITR	AGAP002364-PA,AGAP002364-PB	-	48	4.89E-05	1	1036.615	0.14	Salivary gland	2R:-:20649093-20649292,20647818-20648989;2R:-:20649093-20649292,20647818-20648989	exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PB
JHU_Ag_34406	ITTEQASYK	AGAP002364-PA,AGAP002364-PB	-	46	0.000243347	2	1040.528	2.03	Malpighian tubule	2R:-:20647899-20647873;2R:-:20647899-20647873	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_35005	YWLDRGDLVK	AGAP002364-PA,AGAP002364-PB	-	43	0.000561755	1	1264.674	4.15	Malpighian tubule	2R:-:20646916-20646887;2R:-:20646916-20646887	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_35839	QNIAAYLDHLK	AGAP002364-PA,AGAP002364-PB	-	77	2.34E-07	1	1285.688	-1.2	Head	2R:-:20648445-20648413;2R:-:20648445-20648413	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_36766	VVDESVDKLDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	133	7.40E-13	1	2037.017	1.45	Head	2R:-:20648640-20648587;2R:-:20648640-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_37165	LQLAAMLGK	AGAP002364-PA,AGAP002364-PB	-	65	2.47E-06	1	944.561	1.28	Visceras	2R:-:20647872-20647846;2R:-:20647872-20647846	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_38106	DELDLFILHAYTQVIAHQK	AGAP002364-PA,AGAP002364-PB	-	123	4.36E-12	1	2254.199	5.42	Malpighian tubule	2R:-:20648256-20648200;2R:-:20648256-20648200	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_38583	LPMYVLSYLQAALIARPDKPISQDELENKPFDFSK	AGAP002364-PA,AGAP002364-PB	M3(Oxidation)	186	1.04E-18	1	4053.111	1.74	Salivary gland	2R:-:20647054-20646950;2R:-:20647054-20646950	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_38766	QTEAHVDHLKDALTQK	AGAP002364-PA,AGAP002364-PB	-	45	0.000482268	1	1833.945	-0.04	Head	2R:-:20647992-20647945;2R:-:20647992-20647945	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_39648	QLNLLNQK	AGAP002364-PA,AGAP002364-PB	-	36	0.001549993	1	970.571	2.89	Malpighian tubule	2R:-:20648073-20648050;2R:-:20648073-20648050	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_40341	LALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	30	0.003575218	2	996.586	2.33	Midgut	2R:-:20647084-20647055;2R:-:20647084-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_40447	ELDEKITTEQASYK	AGAP002364-PA,AGAP002364-PB	-	41	0.001139903	1	1654.822	2.94	Malpighian tubule	2R:-:20647914-20647873;2R:-:20647914-20647873	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_41374	AALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	47	0.000259225	2	1158.588	-2.11	Midgut	2R:-:20646844-20646815;2R:-:20646844-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_42066	AAAAATAAAPAK	AGAP002364-PA,AGAP002364-PB	-	88	1.09E-08	2	984.551	3.23	Head	2R:-:20648847-20648812;2R:-:20648847-20648812	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_42139	TLLQETNPLDEVSK	AGAP002364-PA,AGAP002364-PB	-	75	4.53E-07	1	1586.831	2.11	Male reproductive organs	2R:-:20649228-20649187;2R:-:20649228-20649187	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_43706	AKEEVYAAR	AGAP002364-PA,AGAP002364-PB	-	63	7.86E-06	1	1036.543	0.64	Salivary gland	2R:-:20648409-20648383;2R:-:20648409-20648383	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_44175	TVQYVNLLQGAPR	AGAP002364-PA,AGAP002364-PB	-	85	3.00E-08	2	1458.809	1.96	Ovary	2R:-:20646886-20646848;2R:-:20646886-20646848	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_44226	LLLETQQAASTLMAHAAASGVR	AGAP002364-PA,AGAP002364-PB	M13(Oxidation)	127	1.68E-12	1	2239.190	1.66	Malpighian tubule	2R:-:20646814-20646749;2R:-:20646814-20646749	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_44867	DQLRPLK	AGAP002364-PA,AGAP002364-PB	-	40	0.000362897	1	869.521	0.7	Head	2R:-:20647258-20647238;2R:-:20647258-20647238	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_44899	DTALQAAEDAADK	AGAP002364-PA,AGAP002364-PB	-	97	2.44E-09	1	1318.615	2.34	Head	2R:-:20648568-20648530;2R:-:20648568-20648530	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_45013	NYFVEEMESLFPGINLAER	AGAP002364-PA,AGAP002364-PB	M7(Oxidation)	45	0.000529874	2	2274.075	0.08	Visceras	2R:-:20648331-20648275;2R:-:20648331-20648275	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_46597	KAALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	78	2.31E-07	1	1286.686	0.85	Midgut	2R:-:20646847-20646815;2R:-:20646847-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_46622	RLALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	56	6.75E-06	2	1152.685	0.02	Head	2R:-:20647087-20647055;2R:-:20647087-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_46703	FLKVEEVSR	AGAP002364-PA,AGAP002364-PB	-	48	0.000175052	1	1106.618	-2.57	Midgut	2R:-:20647114-20647088;2R:-:20647114-20647088	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_46867	NYFVEEMESLFPGINLAER	AGAP002364-PA,AGAP002364-PB	M7(Oxidation)	45	0.000473457	1	2274.086	4.91	Malpighian tubule	2R:-:20648331-20648275;2R:-:20648331-20648275	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_46967	AALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	83	6.55E-08	1	1158.593	2.21	Malpighian tubule	2R:-:20646844-20646815;2R:-:20646844-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_47071	DTALQAAEDAADK	AGAP002364-PA,AGAP002364-PB	-	126	2.66E-12	1	1318.613	0.96	Visceras	2R:-:20648568-20648530;2R:-:20648568-20648530	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_47249	SAHQAQALWGACQSLWSSIR	AGAP002364-PA,AGAP002364-PB	C12(Carbamidomethyl)	38	0.002334966	3	2257.098	2.08	Pupa	2R:-:20647345-20647286;2R:-:20647345-20647286	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_47891	ITTEQASYK	AGAP002364-PA,AGAP002364-PB	-	57	2.00E-05	1	1040.527	0.62	Visceras	2R:-:20647899-20647873;2R:-:20647899-20647873	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_49217	GNIEKLHALLNSR	AGAP002364-PA,AGAP002364-PB	-	102	2.16E-10	1	1464.834	3.65	Malpighian tubule	2R:-:20648523-20648485;2R:-:20648523-20648485	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_49388	SAHQAQALWGACQSLWSSIR	AGAP002364-PA,AGAP002364-PB	C12(Carbamidomethyl)	116	4.17E-11	1	2257.096	1.1	Salivary gland	2R:-:20647345-20647286;2R:-:20647345-20647286	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_50086	YWLDRGDLVK	AGAP002364-PA,AGAP002364-PB	-	59	1.83E-05	1	1264.668	-0.19	Midgut	2R:-:20646916-20646887;2R:-:20646916-20646887	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_50604	KAALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	98	2.19E-09	1	1286.686	0.57	Head	2R:-:20646847-20646815;2R:-:20646847-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_51024	YDNEFR	AGAP002364-PA,AGAP002364-PB	-	46	9.97E-05	2	843.363	0.32	Salivary gland	2R:-:20649291-20649274;2R:-:20649291-20649274	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_51191	KAALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	81	1.06E-07	1	1286.687	1.04	Visceras	2R:-:20646847-20646815;2R:-:20646847-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_51823	AALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	89	1.45E-08	1	1158.593	2.31	Salivary gland	2R:-:20646844-20646815;2R:-:20646844-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_52180	TLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	90	7.26E-10	1	1507.913	2.34	Visceras	2R:-:20649270-20649229;2R:-:20649270-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_52631	KMDDISK	AGAP002364-PA,AGAP002364-PB	M2(Oxidation)	41	0.000927649	2	852.415	1.64	Head	2R:-:20649186-20649166;2R:-:20649186-20649166	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_54086	VLVVLSPILIGGGVVTYAK	AGAP002364-PA,AGAP002364-PB	-	103	7.64E-12	1	1898.182	4.98	Salivary gland	2R:-:20649446-20649542,20649093-20649292;2R:-:20649446-20649542,20649093-20649292	exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP002364-PB
JHU_Ag_54744	QTEAHVDHLK	AGAP002364-PA,AGAP002364-PB	-	42	0.001230471	1	1177.592	-3.47	Head	2R:-:20647992-20647963;2R:-:20647992-20647963	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_55403	SYTNEVR	AGAP002364-PA,AGAP002364-PB	-	52	6.91E-05	1	868.415	-1.19	Salivary gland	2R:-:20648664-20648644;2R:-:20648664-20648644	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_55965	DLASLGEKYWK	AGAP002364-PA,AGAP002364-PB	-	84	4.68E-08	1	1309.688	7.2	Malpighian tubule	2R:-:20648382-20648350;2R:-:20648382-20648350	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_57007	TLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	74	3.13E-08	1	1507.911	0.96	Ovary	2R:-:20649270-20649229;2R:-:20649270-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB

JHU_Ag_57041	VPEQPKK	AGAP002364-PA,AGAP002364-PB	Q4(Deamidated)	31	0.003791035	1	826.468	1.73	Malpighian tubule	2R:-:20648916-20648896;2R:-:20648916-20648896	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_57297	RLALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	61	2.33E-06	1	1152.687	1.71	Malpighian tubule	2R:-:20647087-20647055;2R:-:20647087-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_57495	KLLLTR	AGAP002364-PA,AGAP002364-PB	-	34	0.000567712	2	743.514	0.19	Salivary gland	2R:-:20648049-20648032;2R:-:20648049-20648032	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_58811	SVHVPVPSPPLPKPEPINLSDKVPEQPK	AGAP002364-PA,AGAP002364-PB	-	88	5.10E-09	1	3025.674	0.49	Salivary gland	2R:-:20648982-20648899;2R:-:20648982-20648899	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_58844	TLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	88	1.03E-09	1	1507.918	5.74	Malpighian tubule	2R:-:20649270-20649229;2R:-:20649270-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_59421	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	107	2.80E-10	1	1545.752	1.09	Salivary gland	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_60203	LALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	34	0.001377309	2	996.582	-1.77	Salivary gland	2R:-:20647084-20647055;2R:-:20647084-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_60693	ITTEQASYK	AGAP002364-PA,AGAP002364-PB	-	50	9.94E-05	1	1040.528	2.15	Salivary gland	2R:-:20647899-20647873;2R:-:20647899-20647873	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_60965	SAPAAPSKPAPLASGGETVPK	AGAP002364-PA,AGAP002364-PB	-	75	2.82E-07	1	1933.040	0.7	Visceras	2R:-:20648811-20648749;2R:-:20648811-20648749	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_61061	SVHVPVPSPPLPKPEPINLSDKVPEQPK	AGAP002364-PA,AGAP002364-PB	-	90	3.04E-09	1	3025.675	0.8	Head	2R:-:20648982-20648899;2R:-:20648982-20648899	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_62338	LHALLNSR	AGAP002364-PA,AGAP002364-PB	-	46	9.32E-05	1	923.545	3.37	Malpighian tubule	2R:-:20648508-20648485;2R:-:20648508-20648485	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_62633	SAPAAPSKPAPLASGGETVPK	AGAP002364-PA,AGAP002364-PB	-	80	7.21E-08	1	1933.045	3.16	Malpighian tubule	2R:-:20648811-20648749;2R:-:20648811-20648749	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_62994	FLKVEEVSR	AGAP002364-PA,AGAP002364-PB	-	48	0.000150358	2	1106.622	1.36	Visceras	2R:-:20647114-20647088;2R:-:20647114-20647088	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_63013	DELDLFILHAYTQVIAHQK	AGAP002364-PA,AGAP002364-PB	-	41	0.000656495	1	2254.205	8.19	Head	2R:-:20648256-20648200;2R:-:20648256-20648200	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_63352	DTALQAAEDAADK	AGAP002364-PA,AGAP002364-PB	-	72	8.04E-07	2	1318.614	1.14	Malpighian tubule	2R:-:20648568-20648530;2R:-:20648568-20648530	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_63608	LQIEGDQNLRR	AGAP002364-PA,AGAP002364-PB	-	37	0.001707 78	2	1341.723	-0.52	Head	2R:-:20648187-20648155;2R:-:20648187-20648155	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_64095	LDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	67	3.17E-06	2	1165.584	-0.89	Head	2R:-:20648616-20648587;2R:-:20648616-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_64170	LQLAAMLGK	AGAP002364-PA,AGAP002364-PB	-	53	4.36E-05	2	944.559	-1.04	Midgut	2R:-:20647872-20647846;2R:-:20647872-20647846	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_64311	VVDESVDK	AGAP002364-PA,AGAP002364-PB	-	46	0.000602 945	1	890.449	2.19	Head	2R:-:20648640-20648617;2R:-:20648640-20648617	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_64456	LNLSKDELDLFILHAYTQVIAHQK	AGAP002364-PA,AGAP002364-PB	-	142	2.11E-14	1	2809.534	3.22	Visceras	2R:-:20648271-20648200;2R:-:20648271-20648200	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_64672	DELDLFILHAYTQVIAHQK	AGAP002364-PA,AGAP002364-PB	-	103	3.58E-10	1	2254.200	5.67	Ovary	2R:-:20648256-20648200;2R:-:20648256-20648200	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_64820	TVQYVNLLQGAPR	AGAP002364-PA,AGAP002364-PB	-	108	1.49E-10	2	1458.805	-0.88	Midgut	2R:-:20646886-20646848;2R:-:20646886-20646848	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_64860	SAHQAQALWGACQSLWSSIR	AGAP002364-PA,AGAP002364-PB	C12(Carbamidomethyl)	123	7.62E-12	1	2257.099	2.65	Visceras	2R:-:20647345-20647286;2R:-:20647345-20647286	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_65362	KAALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	78	2.09E-07	1	1286.686	0.76	Salivary gland	2R:-:20646847-20646815;2R:-:20646847-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_65979	LHALLNSR	AGAP002364-PA,AGAP002364-PB	-	50	5.18E-05	1	923.543	0.66	Visceras	2R:-:20648508-20648485;2R:-:20648508-20648485	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_66040	YDNEFRK	AGAP002364-PA,AGAP002364-PB	-	35	0.002130 806	1	971.458	-0.22	Visceras	2R:-:20649291-20649271;2R:-:20649291-20649271	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_66157	DLASLGEK	AGAP002364-PA,AGAP002364-PB	-	55	8.42E-05	1	832.442	1.15	Visceras	2R:-:20648382-20648359;2R:-:20648382-20648359	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_66370	FLKVEEVSR	AGAP002364-PA,AGAP002364-PB	-	65	2.93E-06	2	1106.621	0.04	Head	2R:-:20647114-20647088;2R:-:20647114-20647088	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB

JHU_Ag_67361	AAAAATAAAPAK	AGAP002364-PA,AGAP002364-PB	-	83	3.78E-08	1	984.546	-1.05	Salivary gland	2R:-:20648847-20648812;2R:-:20648847-20648812	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_67550	TVQYVNLLQGAPR	AGAP002364-PA,AGAP002364-PB	-	103	4.97E-10	2	1458.808	1.21	Head	2R:-:20646886-20646848;2R:-:20646886-20646848	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_67649	TLLQETNPLDEVSK	AGAP002364-PA,AGAP002364-PB	-	78	2.33E-07	2	1586.823	-2.89	Midgut	2R:-:20649228-20649187;2R:-:20649228-20649187	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_69333	KLLLTR	AGAP002364-PA,AGAP002364-PB	-	31	0.001023595	1	743.516	2.65	Malpighian tubule	2R:-:20648049-20648032;2R:-:20648049-20648032	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_69932	RGVYPEDALR	AGAP002364-PA,AGAP002364-PB	-	52	0.000113024	1	1175.615	-1.93	Head	2R:-:20647150-20647121;2R:-:20647150-20647121	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_70857	QNIAAYLDHLKK	AGAP002364-PA,AGAP002364-PB	-	62	5.79E-06	1	1413.789	3.06	Malpighian tubule	2R:-:20648445-20648410;2R:-:20648445-20648410	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_71239	DQLRPLKDEIAAVAR	AGAP002364-PA,AGAP002364-PB	-	85	1.24E-08	1	1694.953	-1.06	Male reproductive organs	2R:-:20647258-20647214;2R:-:20647258-20647214	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_71829	LQIEGDQNLR	AGAP002364-PA,AGAP002364-PB	-	50	0.000101734	2	1185.620	-2.3	Head	2R:-:20648187-20648158;2R:-:20648187-20648158	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_71916	LLLETQQAASTLMAHAAASGVR	AGAP002364-PA,AGAP002364-PB	M13(Oxidation)	99	1.26E-09	1	2255.175	-2.7	Midgut	2R:-:20646814-20646749;2R:-:20646814-20646749	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_72769	SAHQAQALWGACQSLWSSIR	AGAP002364-PA,AGAP002364-PB	C12(Carbamidomethyl)	116	3.52E-11	1	2257.108	6.54	Head	2R:-:20647345-20647286;2R:-:20647345-20647286	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_73548	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	79	1.67E-07	1	1545.753	1.49	Pupa	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_74556	GLPETAVKR	AGAP002364-PA,AGAP002364-PB	-	46	0.000139743	1	970.570	1.87	Malpighian tubule	2R:-:20647174-20647148;2R:-:20647174-20647148	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_74712	TVQYVNLLQGAPR	AGAP002364-PA,AGAP002364-PB	-	78	1.50E-07	1	1458.815	5.73	Malpighian tubule	2R:-:20646886-20646848;2R:-:20646886-20646848	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_74728	TLLQETNPLDEVSKK	AGAP002364-PA,AGAP002364-PB	-	94	4.58E-09	2	1714.922	-0.39	Midgut	2R:-:20649228-20649184;2R:-:20649228-20649184	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB

JHU_Ag_75423	SVHVPVPSPPLPKPEPINLSDK	AGAP002364-PA,AGAP002364-PB	-	61	2.59E-06	1	2347.306	1.68	Head	2R:-:20648982-20648917;2R:-:20648982-20648917	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_76367	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	78	2.29E-07	1	1545.751	0.46	Male reproductive organs	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_77396	RQLNLLNQK	AGAP002364-PA,AGAP002364-PB	-	40	0.000457467	1	1126.669	-0.37	Salivary gland	2R:-:20648076-20648050;2R:-:20648076-20648050	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_77410	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	126	3.32E-12	1	1545.753	1.57	Head	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_80229	TVQYVNLLQGAPR	AGAP002364-PA,AGAP002364-PB	-	83	5.47E-08	1	1458.811	3.22	Visceras	2R:-:20646886-20646848;2R:-:20646886-20646848	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_80253	QNIAAYLDHLKK	AGAP002364-PA,AGAP002364-PB	-	54	3.62E-05	1	1413.784	-0.95	Salivary gland	2R:-:20648445-20648410;2R:-:20648445-20648410	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_80531	DLASLGEK	AGAP002364-PA,AGAP002364-PB	-	50	0.000214098	1	832.442	1.08	Ovary	2R:-:20648382-20648359;2R:-:20648382-20648359	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_81435	QLNLLNQK	AGAP002364-PA,AGAP002364-PB	-	35	0.002038088	1	970.568	-0.18	Head	2R:-:20648073-20648050;2R:-:20648073-20648050	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_82226	EYGHAVDVLK	AGAP002364-PA,AGAP002364-PB	-	56	3.97E-05	1	1130.584	-0.16	Salivary gland	2R:-:20648694-20648665;2R:-:20648694-20648665	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_82956	TLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	97	1.59E-10	1	1507.913	2.5	Salivary gland	2R:-:20649270-20649229;2R:-:20649270-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_84218	LLLETQQAASTLMAHAAASGVR	AGAP002364-PA,AGAP002364-PB	M13(Oxidation)	130	7.44E-13	1	2239.195	3.7	Visceras	2R:-:20646814-20646749;2R:-:20646814-20646749	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_84481	SISDLEQQVEVAATIAIKEYGHAVDVLK	AGAP002364-PA,AGAP002364-PB	-	127	1.01E-12	1	3026.628	7.84	Malpighian tubule	2R:-:20648748-20648665;2R:-:20648748-20648665	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_85869	FLKVEEVSR	AGAP002364-PA,AGAP002364-PB	-	65	2.67E-06	1	1106.624	2.9	Malpighian tubule	2R:-:20647114-20647088;2R:-:20647114-20647088	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_85890	DLASLGEK	AGAP002364-PA,AGAP002364-PB	-	55	8.35E-05	1	832.441	-0.54	Salivary gland	2R:-:20648382-20648359;2R:-:20648382-20648359	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_86007	TLLQETNPLDEVSK	AGAP002364-PA,AGAP002364-PB	-	77	2.66E-07	1	1586.833	3.81	Head	2R:-:20649228-20649187;2R:-:20649228-20649187	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_86302	QNIAAYLDHLK	AGAP002364-PA,AGAP002364-PB	-	77	2.72E-07	1	1285.692	1.45	Malpighian tubule	2R:-:20648445-20648413;2R:-:20648445-20648413	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_86387	TVQYVNLLQGAPR	AGAP002364-PA,AGAP002364-PB	-	86	2.35E-08	1	1458.807	0.71	Male reproductive organs	2R:-:20646886-20646848;2R:-:20646886-20646848	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_86496	GVYPEDALRER	AGAP002364-PA,AGAP002364-PB	-	37	0.003425734	1	1304.663	3.05	Malpighian tubule	2R:-:20647147-20647115;2R:-:20647147-20647115	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_87324	LQLAAMLGK	AGAP002364-PA,AGAP002364-PB	-	33	0.004492468	1	944.561	1.48	Malpighian tubule	2R:-:20647872-20647846;2R:-:20647872-20647846	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_87761	YWLDRGDLVK	AGAP002364-PA,AGAP002364-PB	-	36	0.003534846	1	1264.670	1.55	Head	2R:-:20646916-20646887;2R:-:20646916-20646887	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_87959	DLASLGEK	AGAP002364-PA,AGAP002364-PB	-	55	6.85E-05	1	832.442	1.37	Head	2R:-:20648382-20648359;2R:-:20648382-20648359	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_88426	KPDLPPITR	AGAP002364-PA,AGAP002364-PB	-	48	4.98E-05	1	1036.612	-2.92	Head	2R:-:20649093-20649292,20647818-20648989;2R:-:20649093-20649292,20647818-20648989	exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PB
JHU_Ag_88537	YWLDRGDLVK	AGAP002364-PA,AGAP002364-PB	-	55	3.88E-05	1	1264.669	0.2	Visceras	2R:-:20646916-20646887;2R:-:20646916-20646887	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_89105	SVHVPVPSPPLPKPEPINLSDK	AGAP002364-PA,AGAP002364-PB	-	44	0.000115176	1	2347.302	-0.11	Malpighian tubule	2R:-:20648982-20648917;2R:-:20648982-20648917	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_89378	LQIEGDQNLR	AGAP002364-PA,AGAP002364-PB	-	57	2.10E-05	2	1185.622	-0.45	Malpighian tubule	2R:-:20648187-20648158;2R:-:20648187-20648158	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_89856	LALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	36	0.000955658	1	996.587	2.88	Malpighian tubule	2R:-:20647084-20647055;2R:-:20647084-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_90335	SAEGDELVTVVLK	AGAP002364-PA,AGAP002364-PB	-	100	1.33E-09	2	1359.744	5.72	Malpighian tubule	2R:-:20647213-20647175;2R:-:20647213-20647175	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB

JHU_Ag_91684	AALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	52	9.53E-05	2	1158.591	0.31	Ovary	2R:-:20646844-20646815;2R:-:20646844-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_92042	LQIEGDQNLRR	AGAP002364-PA,AGAP002364-PB	-	37	0.001766071	1	1341.727	2.68	Malpighian tubule	2R:-:20648187-20648155;2R:-:20648187-20648155	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_92133	LHALLNSR	AGAP002364-PA,AGAP002364-PB	-	46	0.000133442	1	923.542	0.07	Head	2R:-:20648508-20648485;2R:-:20648508-20648485	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_92715	LDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	63	7.14E-06	1	1165.586	0.89	Salivary gland	2R:-:20648616-20648587;2R:-:20648616-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_93205	TLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	86	1.88E-09	2	1507.914	3.15	Head	2R:-:20649270-20649229;2R:-:20649270-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_93703	LNLSKDELDLFILHAYTQVIAHQK	AGAP002364-PA,AGAP002364-PB	-	116	6.24E-12	1	2809.549	8.52	Ovary	2R:-:20648271-20648200;2R:-:20648271-20648200	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_94371	GLPETAVKR	AGAP002364-PA,AGAP002364-PB	-	46	0.000171055	2	970.568	0.29	Head	2R:-:20647174-20647148;2R:-:20647174-20647148	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_94510	LDTYDILNR	AGAP002364-PA,AGAP002364-PB	-	69	2.16E-06	2	1122.579	0.35	Salivary gland	2R:-:20646949-20646923;2R:-:20646949-20646923	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_94757	KKPEAAAPK	AGAP002364-PA,AGAP002364-PB	-	29	0.004414519	2	939.562	-0.66	Head	2R:-:20648898-20648872;2R:-:20648898-20648872	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_94951	SAHQAQALWGACQSLWSSIR	AGAP002364-PA,AGAP002364-PB	C12(Carbamidomethyl)	71	1.32E-06	1	2257.107	6.3	Ovary	2R:-:20647345-20647286;2R:-:20647345-20647286	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_96559	RGVYPEDALR	AGAP002364-PA,AGAP002364-PB	-	47	0.000335168	1	1175.617	0.27	Salivary gland	2R:-:20647150-20647121;2R:-:20647150-20647121	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_96595	LPMYVLSYLQAALIARPDKPISQDELENKPFDFSK	AGAP002364-PA,AGAP002364-PB	M3(Oxidation)	174	1.60E-17	1	4053.127	5.49	Visceras	2R:-:20647054-20646950;2R:-:20647054-20646950	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_96857	LDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	42	0.001157491	2	1165.587	2.05	Malpighian tubule	2R:-:20648616-20648587;2R:-:20648616-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_97008	LPMYVLSYLQAALIARPDKPISQDELENKPFDFSK	AGAP002364-PA,AGAP002364-PB	M3(Oxidation)	83	1.97E-08	1	4037.120	2.74	Midgut	2R:-:20647054-20646950;2R:-:20647054-20646950	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB

JHU_Ag_97145	SVHVPVPSPPLPKPEPINLSDKVPEQPK	AGAP002364-PA,AGAP002364-PB	-	63	1.46E-06	1	3025.675	0.82	Ovary	2R:-:20648982-20648899;2R:-:20648982-20648899	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_97721	AKEEVYAAR	AGAP002364-PA,AGAP002364-PB	-	34	0.005736887	2	1036.542	-0.66	Head	2R:-:20648409-20648383;2R:-:20648409-20648383	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_98059	KPDLPPITR	AGAP002364-PA,AGAP002364-PB	-	48	4.69E-05	1	1036.615	0.38	Visceras	2R:-:20649093-20649292,20647818-20648989;2R:-:20649093-20649292,20647818-20648989	exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002364-PB
JHU_Ag_99300	LDTYDILNR	AGAP002364-PA,AGAP002364-PB	-	52	8.98E-05	2	1122.580	0.78	Visceras	2R:-:20646949-20646923;2R:-:20646949-20646923	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_99694	RLALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	35	0.000766238	1	1152.686	0.65	Salivary gland	2R:-:20647087-20647055;2R:-:20647087-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_101351	SAEGDELVTVVLKGLPETAVK	AGAP002364-PA,AGAP002364-PB	-	122	2.20E-12	1	2155.206	9.52	Malpighian tubule	2R:-:20647213-20647151;2R:-:20647213-20647151	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_102127	SAEGDELVTVVLK	AGAP002364-PA,AGAP002364-PB	-	105	4.04E-10	2	1359.739	2.03	Male reproductive organs	2R:-:20647213-20647175;2R:-:20647213-20647175	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_102294	LLLETQQAASTLMAHAAASGVR	AGAP002364-PA,AGAP002364-PB	M13(Oxidation)	158	1.41E-15	1	2239.189	1.33	Salivary gland	2R:-:20646814-20646749;2R:-:20646814-20646749	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_102592	AALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	83	7.16E-08	1	1158.591	0.42	Visceras	2R:-:20646844-20646815;2R:-:20646844-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_102942	SAHQAQALWGACQSLWSSIR	AGAP002364-PA,AGAP002364-PB	C12(Carbamidomethyl)	116	3.59E-11	1	2257.107	6.13	Malpighian tubule	2R:-:20647345-20647286;2R:-:20647345-20647286	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_103011	SAPAAPSKPAPLASGGETVPK	AGAP002364-PA,AGAP002364-PB	-	61	7.70E-06	1	1933.039	-0.16	Head	2R:-:20648811-20648749;2R:-:20648811-20648749	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_103132	QNIAAYLDHLKK	AGAP002364-PA,AGAP002364-PB	-	70	8.65E-07	1	1413.787	1.58	Head	2R:-:20648445-20648410;2R:-:20648445-20648410	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_103410	AKEEVYAAR	AGAP002364-PA,AGAP002364-PB	-	62	8.66E-06	1	1036.542	0.17	Visceras	2R:-:20648409-20648383;2R:-:20648409-20648383	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_104141	QNIAAYLDHLK	AGAP002364-PA,AGAP002364-PB	-	65	3.95E-06	1	1285.693	2.21	Visceras	2R:-:20648445-20648413;2R:-:20648445-20648413	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_104625	LQIEGDQNLR	AGAP002364-PA,AGAP002364-PB	-	49	0.000159921	2	1185.617	-4.15	Midgut	2R:-:20648187-20648158;2R:-:20648187-20648158	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_104801	SAEGDELVTVVLK	AGAP002364-PA,AGAP002364-PB	-	110	1.24E-10	2	1359.738	1.05	Salivary gland	2R:-:20647213-20647175;2R:-:20647213-20647175	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_104839	ELDEKITTEQASYK	AGAP002364-PA,AGAP002364-PB	-	68	2.68E-06	1	1654.819	1.39	Head	2R:-:20647914-20647873;2R:-:20647914-20647873	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_105008	KAALDWLNEAR	AGAP002364-PA,AGAP002364-PB	-	67	2.88E-06	2	1286.686	0.57	Ovary	2R:-:20646847-20646815;2R:-:20646847-20646815	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_106363	DTALQAAEDAADKAR	AGAP002364-PA,AGAP002364-PB	-	113	6.85E-11	1	1545.752	1.25	Ovary	2R:-:20648568-20648524;2R:-:20648568-20648524	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_106377	VVDESVDKLDSSSWTTLR	AGAP002364-PA,AGAP002364-PB	-	93	7.61E-09	1	2037.011	-1.49	Ovary	2R:-:20648640-20648587;2R:-:20648640-20648587	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_107161	LQLAAMLGK	AGAP002364-PA,AGAP002364-PB	M6(Oxidation)	34	0.003232102	2	944.562	2.12	Salivary gland	2R:-:20647872-20647846;2R:-:20647872-20647846	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_109126	SVHVPVPSPPLPKPEPINLSDKVPEQPK	AGAP002364-PA,AGAP002364-PB	-	88	3.59E-09	1	3025.690	5.82	Malpighian tubule	2R:-:20648982-20648899;2R:-:20648982-20648899	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_109600	TLLQETNPLDEVSK	AGAP002364-PA,AGAP002364-PB	-	79	1.61E-07	1	1586.831	2.42	Visceras	2R:-:20649228-20649187;2R:-:20649228-20649187	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_110154	QTEAHVDHLKDALTQK	AGAP002364-PA,AGAP002364-PB	-	62	9.36E-06	1	1833.948	1.16	Visceras	2R:-:20647992-20647945;2R:-:20647992-20647945	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_111658	TLLQETNPLDEVSKK	AGAP002364-PA,AGAP002364-PB	-	82	6.03E-08	2	1714.930	4.45	Malpighian tubule	2R:-:20649228-20649184;2R:-:20649228-20649184	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_111715	DTALQAAEDAADK	AGAP002364-PA,AGAP002364-PB	-	89	1.54E-08	2	1318.614	1.33	Ovary	2R:-:20648568-20648530;2R:-:20648568-20648530	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_111855	AAAAATAAAPAK	AGAP002364-PA,AGAP002364-PB	-	88	1.25E-08	1	984.549	1.93	Malpighian tubule	2R:-:20648847-20648812;2R:-:20648847-20648812	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB

JHU_Ag_112383	TLLQETNPLDEVSK	AGAP002364-PA,AGAP002364-PB	-	61	1.02E-05	2	1586.829	1.04	Ovary	2R:-:20649228-20649187;2R:-:20649228-20649187	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_112496	LALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	35	0.001342965	2	996.585	0.8	Head	2R:-:20647084-20647055;2R:-:20647084-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_112964	LALVPAEGAR	AGAP002364-PA,AGAP002364-PB	-	40	0.000349384	2	996.586	1.84	Visceras	2R:-:20647084-20647055;2R:-:20647084-20647055	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_113197	DTALQAAEDAADK	AGAP002364-PA,AGAP002364-PB	-	126	2.66E-12	1	1318.614	1.05	Salivary gland	2R:-:20648568-20648530;2R:-:20648568-20648530	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_113321	LPMYVLSYLQAALIARPDKPISQDELENKPFDFSK	AGAP002364-PA,AGAP002364-PB	M3(Oxidation)	222	2.43E-22	1	4053.106	0.31	Malpighian tubule	2R:-:20647054-20646950;2R:-:20647054-20646950	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_113972	SAEGDELVTVVLK	AGAP002364-PA,AGAP002364-PB	-	101	9.81E-10	2	1359.738	0.78	Ovary	2R:-:20647213-20647175;2R:-:20647213-20647175	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_115183	SYTNEVR	AGAP002364-PA,AGAP002364-PB	-	37	0.001592238	1	868.418	2.81	Malpighian tubule	2R:-:20648664-20648644;2R:-:20648664-20648644	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_115595	DQLRPLKDEIAAVAR	AGAP002364-PA,AGAP002364-PB	-	104	1.77E-10	1	1694.959	2.3	Head	2R:-:20647258-20647214;2R:-:20647258-20647214	exon=> In CDS Exon 5 of transcript AGAP002364-PA;exon=> In CDS Exon 6 of transcript AGAP002364-PB
JHU_Ag_116166	KTLITNVPALEPVLK	AGAP002364-PA,AGAP002364-PB	-	40	4.86E-05	2	1636.009	2.83	Visceras	2R:-:20649273-20649229;2R:-:20649273-20649229	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_117036	TLLQETNPLDEVSK	AGAP002364-PA,AGAP002364-PB	-	77	2.60E-07	2	1586.828	0.27	Salivary gland	2R:-:20649228-20649187;2R:-:20649228-20649187	exon=> In CDS Exon 3 of transcript AGAP002364-PA;exon=> In CDS Exon 3 of transcript AGAP002364-PB
JHU_Ag_117132	LNLSKDELDLFILHAYTQVIAHQK	AGAP002364-PA,AGAP002364-PB	-	107	6.35E-11	1	2809.539	5.04	Salivary gland	2R:-:20648271-20648200;2R:-:20648271-20648200	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_56879	RVESAR	AGAP002364-PA,AGAP002364-PB,AGAP004106-PA	-	33	0.007187696	2	717.400	0.26	Head	2R:-:20648349-20648332;2R:-:20648349-20648332;2R:+:49935395-49935412	exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB;exon=> In CDS Exon 15 of transcript AGAP004106-PA
JHU_Ag_61181	GIHNALVEIDTEMK	AGAP002364-PB	M13(Oxidation)	79	1.99E-07	2	1585.790	0.53	Head	2R:-:20647839-20649014,20647527-20647528	exon=> In CDS Exon 5 and 4 of transcript AGAP002364-PB
JHU_Ag_10311	DYGLEELLLR	AGAP002365-PA	-	46	0.000262055	2	1220.656	2.77	Male reproductive organs	2R:-:20652340-20652311	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_11781	HADIVSNLGSLLK	AGAP002365-PA	-	91	3.80E-09	1	1366.770	0.46	Male reproductive organs	2R:-:20651224-20651186	exon=> In CDS Exon 2 of transcript AGAP002365-PA

JHU_Ag_23959	RDYGLEELLLR	AGAP002365-PA	-	67	1.92E-06	1	1376.755	1.45	Male reproductive organs	2R:-:20652343-20652311	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_25292	SILIEPPFQDFDTHR	AGAP002365-PA	-	47	0.000267173	1	1814.907	-0.12	Male reproductive organs	2R:-:20651902-20651858	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_28730	LYGDALGFDYNQFLK	AGAP002365-PA	-	75	5.17E-07	1	1763.869	2.82	Male reproductive organs	2R:-:20651767-20651723	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_31770	AFIDEIDQLVR	AGAP002365-PA	-	102	8.85E-10	1	1318.700	0.02	Male reproductive organs	2R:-:20652550-20652518	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_55792	ALLDALDYLYENR	AGAP002365-PA	-	103	7.67E-10	2	1568.796	0.1	Male reproductive organs	2R:-:20650949-20650911	exon=> In CDS Exon 3 of transcript AGAP002365-PA
JHU_Ag_59937	TEIGTVPLATLLGK	AGAP002365-PA	-	46	6.96E-05	2	1412.837	0.43	Male reproductive organs	2R:-:20652421-20652380	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_61127	ESVCQLAEYFSATAGR	AGAP002365-PA	C4(Carbamidomethyl)	69	1.77E-06	2	1788.823	0.27	Male reproductive organs	2R:-:20652940-20652893	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_88420	APLLVPCSHFPADEQPVNFLNFHER	AGAP002365-PA	C7(Carbamidomethyl)	101	1.02E-09	1	2934.435	-0.25	Male reproductive organs	2R:-:20651335-20651261	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_98987	FCDTVAEVDYQPYLER	AGAP002365-PA	C2(Carbamidomethyl)	97	2.01E-09	2	2004.900	-0.62	Male reproductive organs	2R:-:20651383-20651336	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_115838	VDRTEIGTVPLATLLGK	AGAP002365-PA	-	78	3.78E-08	1	1783.032	-0.08	Male reproductive organs	2R:-:20652430-20652380	exon=> In CDS Exon 2 of transcript AGAP002365-PA
JHU_Ag_26914	QGYITMLDPLQDSFGER	AGAP002366-PA	M6(Oxidation)	41	0.001045523	1	1985.931	1.73	Head	2R:+:20675050-20675100	exon=> In CDS Exon 3 of transcript AGAP002366-PA
JHU_Ag_31041	LAPHYDYFR	AGAP002366-PA	-	44	0.00069213	1	1181.570	-2.84	Head	2R:+:20677298-20677324	exon=> In CDS Exon 8 of transcript AGAP002366-PA
JHU_Ag_60982	INPALEPDDDLPVAEAQR	AGAP002366-PA	-	105	4.99E-10	1	1962.977	0.33	Head	2R:+:20677523-20677576	exon=> In CDS Exon 9 of transcript AGAP002366-PA
JHU_Ag_11414	HFENEANVLMGDPPTK	AGAP002369-PA	M10(Oxidation)	120	1.12E-11	1	1814.835	-1.37	Head	2R:+:20737752-20737799	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_13531	SYSMLFFAR	AGAP002369-PA	M4(Oxidation)	49	0.000204894	2	1121.546	1.07	Head	2R:+:20736840-20736866	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_16614	HLPQQPQPVANPFR	AGAP002369-PA	-	56	2.67E-05	2	1628.864	-0.9	Head	2R:+:20738043-20738084	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_30068	NHLEYGR	AGAP002369-PA	-	30	0.00701746	1	888.428	-4.35	Head	2R:+:20737854-20737874	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_36967	EYQTYTMHDQQMVGEEYK	AGAP002369-PA	M7(Oxidation), M12(Oxidation)	34	0.00111727	1	2311.956	3.23	Head	2R:+:20737800-20737853	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_43560	SLQGVGSAFADTSGLAMIADR	AGAP002369-PA	M17(Oxidation),Q3(Deamidated)	43	0.000841724	2	2083.024	5.48	Head	2R:+:20736867-20736929	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_84487	APLPIINLEPSEVK	AGAP002369-PA	-	100	3.12E-10	1	1519.876	1.6	Head	2R:+:20736417-20736458	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_91844	APSVPIWR	AGAP002369-PA	-	46	0.000112319	1	925.528	2.28	Head	2R:+:20737152-20737175	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_105716	AIVQLMVNPFSGALIDR	AGAP002369-PA	M6(Oxidation)	116	2.25E-11	1	1860.013	4.62	Head	2R:+:20736714-20736764	exon=> In CDS Exon 1 of transcript AGAP002369-PA
JHU_Ag_22769	LYGHLVSTYESASTR	AGAP002370-PA	-	97	2.84E-09	1	1683.839	2.95	Head	2R:+:20757051-20757095	exon=> In CDS Exon 6 of transcript AGAP002370-PA
JHU_Ag_23826	EDDYSAEAAGDVK	AGAP002370-PA	-	82	3.56E-08	2	1369.578	1.53	Head	2R:+:20757210-20757248	exon=> In CDS Exon 6 of transcript AGAP002370-PA
JHU_Ag_25681	DSILQLPK	AGAP002370-PA	-	45	0.000176063	2	913.536	0.37	Head	2R:+:20754765-20754788	exon=> In CDS Exon 1 of transcript AGAP002370-PA
JHU_Ag_26338	IEDLDFYVYR	AGAP002370-PA	-	59	2.16E-05	2	1332.652	3.71	Head	2R:+:20756850-20756879	exon=> In CDS Exon 5 of transcript AGAP002370-PA
JHU_Ag_28122	EGILHELFTDECYK	AGAP002370-PA	C12(Carbamidomethyl)	111	1.06E-10	1	1753.812	1.18	Head	2R:+:20757717-20757758	exon=> In CDS Exon 7 of transcript AGAP002370-PA
JHU_Ag_31290	VPLPTVEQTMAEYVR	AGAP002370-PA	M10(Oxidation)	76	4.14E-07	2	1748.887	-1.11	Head	2R:+:20755032-20755076	exon=> In CDS Exon 2 of transcript AGAP002370-PA

JHU_Ag_36424	ELLLLEEQNAR	AGAP002370-PA	-	62	6.24E-06	1	1327.724	1.42	Head	2R:+:20755851-20755883	exon=> In CDS Exon 4 of transcript AGAP002370-PA
JHU_Ag_49278	QFSATIGPSLQEYLQAK	AGAP002370-PA	-	64	3.78E-06	2	1880.988	6.72	Head	2R:+:20755134-20755184	exon=> In CDS Exon 2 of transcript AGAP002370-PA
JHU_Ag_75286	RIEDLDFYVYR	AGAP002370-PA	-	49	0.000199914	1	1488.743	-3.24	Head	2R:+:20756847-20756879	exon=> In CDS Exon 5 of transcript AGAP002370-PA
JHU_Ag_77644	LQLQQSHLPPPER	AGAP002370-PA	-	48	0.000145895	1	1542.840	0.57	Head	2R:+:20756244-20756282	exon=> In CDS Exon 4 of transcript AGAP002370-PA
JHU_Ag_95205	VLQPIVTPQQLER	AGAP002370-PA	-	55	8.51E-06	1	1520.883	2.56	Head	2R:+:20755077-20755115	exon=> In CDS Exon 2 of transcript AGAP002370-PA
JHU_Ag_107339	GFNGSPAGAHYAGGR	AGAP002370-PA	-	75	3.41E-07	2	1418.657	0.69	Head	2R:+:20755959-20756003	exon=> In CDS Exon 4 of transcript AGAP002370-PA
JHU_Ag_109250	LEWIVRPEIER	AGAP002370-PA	-	43	0.000287318	2	1439.804	2.28	Head	2R:+:20756283-20756315	exon=> In CDS Exon 4 of transcript AGAP002370-PA
JHU_Ag_71729	QHRMTLLILGK	AGAP002371-PA	Q1(Deamidated), M4(Oxidation)	27	0.009199365	1	1326.764	5.57	Ovary	2R:-:20765529-20765497	exon=> In CDS Exon 3 of transcript AGAP002371-PA
JHU_Ag_3756	YGNVISACIVTDKDNGK	AGAP002374-PA	C8(Carbamidomethyl), N15(Deamidated)	38	0.002616741	1	1854.890	-0.32	Ovary	2R:-:20792154-20792104	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_5651	GFGFVEFDDYDPVDKIILQK	AGAP002374-PA	-	91	1.18E-08	1	2345.183	5.33	Malpighian tubule	2R:-:20792097-20792520,20791379-20791925	exon=> In CDS Exon 3 and 2 of transcript AGAP002374-PA
JHU_Ag_6341	LFIGGLDYR	AGAP002374-PA	-	35	0.002124009	2	1053.575	1.62	Head	2R:-:20792490-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_9310	LFIGGLDYR	AGAP002374-PA	-	77	1.43E-07	1	1053.575	2.2	Malpighian tubule	2R:-:20792490-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_13385	GFGFVEFDDYDPVDK	AGAP002374-PA	-	110	8.31E-11	1	1749.767	1.53	Head	2R:-:20792097-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_13466	YGNVISACIVTDK	AGAP002374-PA	C8(Carbamidomethyl)	79	2.17E-07	1	1439.727	5.22	Ovary	2R:-:20792154-20792116	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_14632	LFIGGLDYR	AGAP002374-PA	-	77	1.57E-07	1	1053.574	0.7	Ovary	2R:-:20792490-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_15929	GFGFITYSK	AGAP002374-PA	-	66	4.52E-06	1	1019.518	-1.49	Male reproductive organs	2R:-:20792370-20792344	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_16605	GFGFVEFDDYDPVDKIILQK	AGAP002374-PA	-	83	7.44E-08	1	2345.172	0.87	Ovary	2R:-:20792097-20792520,20791379-20791925	exon=> In CDS Exon 3 and 2 of transcript AGAP002374-PA
JHU_Ag_18993	GSGGGGGGGWGNQR	AGAP002374-PA	-	74	1.83E-07	2	1203.526	0.73	Male reproductive organs	2R:-:20791750-20791709	exon=> In CDS Exon 3 of transcript AGAP002374-PA
JHU_Ag_21722	QDINRPEAGSSVK	AGAP002374-PA	-	42	0.000823954	1	1400.715	1.16	Male reproductive organs	2R:-:20792259-20792221	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_23123	DDFDEEHLR	AGAP002374-PA	-	65	8.08E-07	1	1175.497	0.6	Ovary	2R:-:20792196-20792170	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_23636	YGNVISACIVTDKDNGK	AGAP002374-PA	C8(Carbamidomethyl)	63	7.87E-06	2	1853.915	4.76	Salivary gland	2R:-:20792154-20792104	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_23698	LLDVKK	AGAP002374-PA	-	31	0.003540771	1	715.471	-0.16	Malpighian tubule	2R:-:20791903-20791886	exon=> In CDS Exon 3 of transcript AGAP002374-PA
JHU_Ag_32349	LFIGGLDYR	AGAP002374-PA	-	46	0.000165294	2	1053.575	1.74	Pupa	2R:-:20792490-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_32724	DDFDEEHLR	AGAP002374-PA	-	65	1.09E-06	1	1175.500	3.2	Malpighian tubule	2R:-:20792196-20792170	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_35251	NDDDEIREPEHLR	AGAP002374-PA	-	82	7.45E-08	1	1637.750	-0.66	Ovary	2R:-:20793400-20793448,20792046-20792494	exon=> In CDS Exon 2 and 1 of transcript AGAP002374-PA
JHU_Ag_38807	NDDDEIREPEHLR	AGAP002374-PA	-	49	0.000156994	1	1637.752	0.32	Head	2R:-:20793400-20793448,20792046-20792494	exon=> In CDS Exon 2 and 1 of transcript AGAP002374-PA

JHU_Ag_39601	LFVGGLR	AGAP002374-PA	-	43	0.000183424	1	761.467	0.59	Ovary	2R:-:20792217-20792197	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_39991	KLFIGGLDYR	AGAP002374-PA	-	42	0.000309201	2	1181.669	0.93	Male reproductive organs	2R:-:20792493-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_40727	QDINRPEAGSSVK	AGAP002374-PA	-	75	3.62E-07	1	1400.714	0.72	Malpighian tubule	2R:-:20792259-20792221	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_45618	GFGFVEFDDYDPVDK	AGAP002374-PA	-	111	7.72E-11	1	1749.766	0.97	Ovary	2R:-:20792097-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_49353	RGFGFVEFDDYDPVDK	AGAP002374-PA	-	63	6.36E-06	1	1905.877	5.79	Midgut	2R:-:20792100-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_49630	SYMIDDAQASRPHK	AGAP002374-PA	M3(Oxidation)	60	1.37E-05	1	1634.760	0.22	Ovary	2R:-:20792343-20792302	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_52419	VVDVVVMKDPK	AGAP002374-PA	M7(Oxidation)	50	9.29E-05	2	1244.692	-0.02	Male reproductive organs	2R:-:20792418-20792386	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_53771	DDFDEEHLR	AGAP002374-PA	-	73	1.18E-07	1	1175.497	0.29	Head	2R:-:20792196-20792170	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_56530	RGFGFVEFDDYDPVDK	AGAP002374-PA	-	66	3.32E-06	1	1905.866	0.12	Malpighian tubule	2R:-:20792100-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_57124	GFGFITYSK	AGAP002374-PA	-	57	4.16E-05	1	1019.519	-0.83	Ovary	2R:-:20792370-20792344	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_57963	SRGFGFITYSK	AGAP002374-PA	-	48	0.000280982	1	1262.656	2.25	Malpighian tubule	2R:-:20792376-20792344	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_58213	LFVGGLRDDFDEEHLR	AGAP002374-PA	-	128	2.40E-12	1	1917.949	1.95	Ovary	2R:-:20792217-20792170	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_59556	RGFGFVEFDDYDPVDK	AGAP002374-PA	-	89	1.77E-08	1	1905.869	2.04	Ovary	2R:-:20792100-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_60522	VVDVVVMKDPK	AGAP002374-PA	M7(Oxidation)	41	0.000939805	2	1244.691	-0.61	Ovary	2R:-:20792418-20792386	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_60781	GFGFVEFDDYDPVDK	AGAP002374-PA	-	46	0.000246483	2	1749.767	1.6	Salivary gland	2R:-:20792097-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_64100	TGGGGGGGGGGGAWGNQR	AGAP002374-PA	-	70	8.38E-07	2	1459.644	1.36	Male reproductive organs	2R:-:20791837-20791784	exon=> In CDS Exon 3 of transcript AGAP002374-PA
JHU_Ag_66438	TGGGGGGGGGGGAWGNQR	AGAP002374-PA	-	140	9.29E-14	1	1459.645	1.69	Malpighian tubule	2R:-:20791837-20791784	exon=> In CDS Exon 3 of transcript AGAP002374-PA
JHU_Ag_67447	SYMIDDAQASRPHK	AGAP002374-PA	M3(Oxidation)	46	0.000328809	1	1634.759	0	Malpighian tubule	2R:-:20792343-20792302	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_68465	LFVGGLRDDFDEEHLR	AGAP002374-PA	-	63	8.45E-06	1	1917.954	4.34	Midgut	2R:-:20792217-20792170	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_69791	GFGFITYSK	AGAP002374-PA	-	66	4.18E-06	1	1019.521	1.57	Malpighian tubule	2R:-:20792370-20792344	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_78920	LFVGGLRDDFDEEHLR	AGAP002374-PA	-	47	0.000379873	1	1917.942	-1.58	Head	2R:-:20792217-20792170	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_78929	QDINRPEAGSSVK	AGAP002374-PA	-	76	3.18E-07	2	1400.705	-5.29	Head	2R:-:20792259-20792221	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_81561	QDINRPEAGSSVK	AGAP002374-PA	-	68	2.04E-06	1	1400.714	0.64	Ovary	2R:-:20792259-20792221	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_82030	KLFIGGLDYR	AGAP002374-PA	-	38	0.000703463	3	1181.669	0.89	Malpighian tubule	2R:-:20792493-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_82915	GSGGGGGGGWGNQR	AGAP002374-PA	-	105	1.54E-10	1	1203.525	0.02	Malpighian tubule	2R:-:20791750-20791709	exon=> In CDS Exon 3 of transcript AGAP002374-PA
JHU_Ag_83208	KLFIGGLDYR	AGAP002374-PA	-	63	2.23E-06	1	1181.669	0.66	Ovary	2R:-:20792493-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_88255	AGGNFNQR	AGAP002374-PA	-	66	2.68E-06	2	863.413	0.96	Malpighian tubule	2R:-:20791447-20791424	exon=> In CDS Exon 3 of transcript AGAP002374-PA
JHU_Ag_93758	RGFGFVEFDDYDPVDK	AGAP002374-PA	-	92	8.46E-09	2	1905.870	2.34	Head	2R:-:20792100-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA

JHU_Ag_96428	QDINRPEAGSSVKK	AGAP002374-PA	-	71	9.04E-07	1	1528.809	1.01	Malpighian tubule	2R:-:20792259-20792218	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_98874	YGNVISACIVTDK	AGAP002374-PA	C8(Carbamidomethyl)	65	4.60E-06	2	1439.723	2	Head	2R:-:20792154-20792116	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_99226	TGGGGGGGGGGGAWGNQR	AGAP002374-PA	-	96	1.98E-09	1	1459.644	1.44	Head	2R:-:20791837-20791784	exon=> In CDS Exon 3 of transcript AGAP002374-PA
JHU_Ag_105132	GFGFVEFDDYDPVDKIILQK	AGAP002374-PA	-	60	1.42E-05	1	2345.176	2.67	Salivary gland	2R:-:20792097-20792520,20791379-20791925	exon=> In CDS Exon 3 and 2 of transcript AGAP002374-PA
JHU_Ag_107008	DDFDEEHLREYFSK	AGAP002374-PA	-	53	4.35E-05	1	1829.803	2.74	Ovary	2R:-:20792196-20792155	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_107331	SYMIDDAQASRPHK	AGAP002374-PA	M3(Oxidation)	76	3.53E-07	1	1634.762	1.87	Head	2R:-:20792343-20792302	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_108190	GFGFVEFDDYDPVDK	AGAP002374-PA	-	68	1.30E-06	2	1749.765	0.13	Male reproductive organs	2R:-:20792097-20792053	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_110803	LFIGGLDYR	AGAP002374-PA	-	71	6.38E-07	1	1053.572	-0.69	Male reproductive organs	2R:-:20792490-20792464	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_117299	GFGFITYSK	AGAP002374-PA	-	66	4.32E-06	1	1019.520	0.19	Pupa	2R:-:20792370-20792344	exon=> In CDS Exon 2 of transcript AGAP002374-PA
JHU_Ag_2574	AEGEEAEGPIVNR	AGAP002375-PA	-	75	4.24E-07	1	1370.654	-0.73	Ovary	2R:-:20794504-20794466	exon=> In CDS Exon 2 of transcript AGAP002375-PA
JHU_Ag_116951	SADEGQTVFFTCTK	AGAP002375-PA	C12(Carbamidomethyl)	86	2.43E-08	1	1590.712	0.91	Ovary	2R:-:20794411-20794370	exon=> In CDS Exon 2 of transcript AGAP002375-PA
JHU_Ag_1816	EVNPLINAVVEER	AGAP002377-PA,AGAP013161-PA	-	54	2.89E-05	2	1481.797	0.52	Visceras	2R:-:20806945-20806907;2R:-:20801916-20801878	exon=> In CDS Exon 2 of transcript AGAP002377-PA;exon=> In CDS Exon 1 of transcript AGAP013161-PA
JHU_Ag_31216	IREVNPLINAVVEER	AGAP002377-PA,AGAP013161-PA	-	39	0.000431 81	2	1750.983	0.85	Midgut	2R:-:20806951-20806907;2R:-:20801922-20801878	exon=> In CDS Exon 2 of transcript AGAP002377-PA;exon=> In CDS Exon 1 of transcript AGAP013161-PA
JHU_Ag_62856	EVNPLINAVVEER	AGAP002377-PA,AGAP013161-PA	-	55	2.37E-05	2	1481.801	3.57	Salivary gland	2R:-:20806945-20806907;2R:-:20801916-20801878	exon=> In CDS Exon 2 of transcript AGAP002377-PA;exon=> In CDS Exon 1 of transcript AGAP013161-PA
JHU_Ag_112982	EVNPLINAVVEER	AGAP002377-PA,AGAP013161-PA	-	48	0.000112 288	2	1481.795	-0.31	Midgut	2R:-:20806945-20806907;2R:-:20801916-20801878	exon=> In CDS Exon 2 of transcript AGAP002377-PA;exon=> In CDS Exon 1 of transcript AGAP013161-PA
JHU_Ag_1028	GTTGTQASFLQLFAGDGAK	AGAP002378-PA	-	92	8.87E-09	1	1869.937	1.65	Male reproductive organs	2R:+:20816878-20816934	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_2945	KLWILLAK	AGAP002378-PA	-	37	9.10E-05	1	984.660	-0.36	Male reproductive organs	2R:+:20816330-20816353	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_4208	AAEQVVEFVTEEVNPVVALYADR	AGAP002378-PA	-	169	1.69E-16	1	2548.296	1	Malpighian tubule	2R:+:20817637-20817705	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_5393	HVEDIDFK	AGAP002378-PA	-	43	0.000554 505	1	1002.489	-0.07	Salivary gland	2R:+:20816482-20816505	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_8835	DALDQLLPK	AGAP002378-PA	-	57	1.79E-05	1	1012.568	0.4	Ovary	2R:+:20816656-20816682	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_10038	HDVMAHVHVFAK	AGAP002378-PA	M4(Oxidation)	50	0.000193 551	1	1406.699	-0.94	Midgut	2R:+:20816536-20816571	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_12882	AAAAEEALTR	AGAP002378-PA	-	83	9.47E-08	2	1002.521	-0.41	Visceras	2R:+:20816506-20816535	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_12886	ELPTLGFTHLQPAQLTTVGK	AGAP002378-PA	-	108	6.69E-11	1	2151.179	-1.04	Ovary	2R:+:20816731-20816790	exon=> In CDS Exon 2 of transcript AGAP002378-PA

JHU_Ag_16692	AELNAEFR	AGAP002378-PA	N-Term(Acetyl)	61	1.17E-05	2	991.484	-0.39	Salivary gland	2R:+:20816219-20816242	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_18554	ALGLDISEAQIAEMEK	AGAP002378-PA	M14(Oxidation)	138	2.83E-13	1	1733.862	-0.2	Ovary	2R:+:20816434-20816481	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_22345	YYAVTGQTYSR	AGAP002378-PA	-	63	7.92E-06	1	1308.623	0.73	Visceras	2R:+:20816983-20817015	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_28890	AELNAEFRGYR	AGAP002378-PA	N-Term(Acetyl)	41	0.001297 11	1	1367.670	-0.33	Malpighian tubule	2R:+:20816219-20816251	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_29572	LVGVIK	AGAP002378-PA	-	25	0.001132 557	1	628.440	1.86	Malpighian tubule	2R:+:20816683-20816700	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_29911	AELNAEFR	AGAP002378-PA	N-Term(Acetyl)	59	2.48E-05	1	991.484	0.1	Ovary	2R:+:20816219-20816242	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_29948	YYAVTGQTYSR	AGAP002378-PA	-	87	3.04E-08	1	1308.623	1.19	Ovary	2R:+:20816983-20817015	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_31872	GTTGTQASFLQLFAGDGAK	AGAP002378-PA	-	118	2.48E-11	1	1869.937	1.46	Ovary	2R:+:20816878-20816934	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_32304	GTTGTQASFLQLFAGDGAK	AGAP002378-PA	-	107	3.18E-10	2	1869.937	1.59	Salivary gland	2R:+:20816878-20816934	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_32342	AAEQVVEFVTEEVNPVVALYADR	AGAP002378-PA	-	158	2.18E-15	1	2548.288	-1.95	Ovary	2R:+:20817637-20817705	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_39744	ELPTLGFTHLQPAQLTTVGK	AGAP002378-PA	-	84	1.44E-08	1	2151.187	2.74	Head	2R:+:20816731-20816790	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_41345	ELPTLGFTHLQPAQLTTVGK	AGAP002378-PA	-	57	7.16E-06	1	2151.179	-0.89	Male reproductive organs	2R:+:20816731-20816790	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_44083	ALGLDISEAQIAEMEK	AGAP002378-PA	-	82	9.63E-08	2	1717.874	3.52	Head	2R:+:20816434-20816481	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_44919	KVDLEIVSALASLGATVHK	AGAP002378-PA	-	73	1.17E-07	1	1951.121	-0.53	Midgut	2R:+:20817016-20817072	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_45759	KLWILLAK	AGAP002378-PA	-	54	1.63E-06	1	984.662	1.56	Malpighian tubule	2R:+:20816330-20816353	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_46346	KELEEPFEQTQIGSSAMPYK	AGAP002378-PA	M17(Oxidation)	110	1.60E-10	1	2328.106	-0.14	Ovary	2R:+:20817106-20817165	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_47175	VLSHEAGAQVK	AGAP002378-PA	-	38	0.001585 044	1	1138.620	-1	Malpighian tubule	2R:+:20817493-20817525	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_49317	AELNAEFR	AGAP002378-PA	N-Term(Acetyl)	45	0.000639 159	2	991.485	0.59	Visceras	2R:+:20816219-20816242	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_49971	KVDLEIVSALASLGATVHK	AGAP002378-PA	-	109	2.01E-11	1	1951.129	3.5	Malpighian tubule	2R:+:20817016-20817072	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_50101	ADPYFAPILGQLSR	AGAP002378-PA	-	98	2.20E-09	1	1547.822	-0.09	Ovary	2R:+:20817565-20817606	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_57216	DNDLVER	AGAP002378-PA	-	47	0.000239 557	2	860.411	0.28	Ovary	2R:+:20817538-20817558	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_57643	KLWILLAK	AGAP002378-PA	-	48	7.54E-06	2	984.662	1.37	Salivary gland	2R:+:20816330-20816353	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_57645	ELPTLGFTHLQPAQLTTVGK	AGAP002378-PA	-	83	2.13E-08	1	2151.179	-0.78	Malpighian tubule	2R:+:20816731-20816790	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_61272	ELPTLGFTHLQPAQLTTVGK	AGAP002378-PA	-	76	1.03E-07	1	2151.183	0.81	Visceras	2R:+:20816731-20816790	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_68872	AELNAEFR	AGAP002378-PA	N-Term(Acetyl)	39	0.002615 828	2	991.485	0.47	Malpighian tubule	2R:+:20816219-20816242	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_69835	IRADPYFAPILGQLSR	AGAP002378-PA	-	31	0.004124 334	1	1817.003	-2.07	Pupa	2R:+:20817559-20817606	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_71035	KVDLEIVSALASLGATVHK	AGAP002378-PA	-	79	2.47E-08	1	1951.124	0.87	Visceras	2R:+:20817016-20817072	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_72238	HVEDIDFK	AGAP002378-PA	-	53	6.36E-05	1	1002.487	-1.96	Ovary	2R:+:20816482-20816505	exon=> In CDS Exon 2 of transcript AGAP002378-PA

JHU_Ag_73421	DALDQLLPK	AGAP002378-PA	-	47	0.000142612	2	1012.567	-0.2	Male reproductive organs	2R:+:20816656-20816682	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_73547	ALGLDISEAQIAEMEK	AGAP002378-PA	M14(Oxidation)	96	4.31E-09	1	1733.870	4.24	Salivary gland	2R:+:20816434-20816481	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_75385	KLWILLAK	AGAP002378-PA	-	43	2.03E-05	2	984.660	-0.55	Visceras	2R:+:20816330-20816353	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_75695	ELEEPFEQTQIGSSAMPYKR	AGAP002378-PA	M16(Oxidation)	52	8.50E-05	1	2356.114	0.72	Malpighian tubule	2R:+:20817109-20817168	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_75911	ALGLDISEAQIAEMEK	AGAP002378-PA	-	63	8.42E-06	2	1717.870	1.39	Visceras	2R:+:20816434-20816481	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_77586	ELPTLGFTHLQPAQLTTVGK	AGAP002378-PA	-	74	1.45E-07	1	2151.187	2.96	Salivary gland	2R:+:20816731-20816790	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_78713	VLSHEAGAQVK	AGAP002378-PA	-	65	2.42E-06	1	1138.622	-0.04	Ovary	2R:+:20817493-20817525	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_82211	YYAVTGQTYSR	AGAP002378-PA	-	67	3.29E-06	1	1308.622	-0.3	Malpighian tubule	2R:+:20816983-20817015	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_82674	ELEEPFEQTQIGSSAMPYK	AGAP002378-PA	-	84	4.41E-08	1	2184.018	0.57	Head	2R:+:20817109-20817165	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_83076	HVEDIDFK	AGAP002378-PA	-	34	0.004348704	2	1002.485	-3.66	Head	2R:+:20816482-20816505	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_84461	VLSHEAGAQVK	AGAP002378-PA	-	31	0.007396758	1	1138.621	-0.8	Head	2R:+:20817493-20817525	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_84508	KVDLEIVSALASLGATVHK	AGAP002378-PA	-	77	2.87E-08	1	1951.127	2.28	Pupa	2R:+:20817016-20817072	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_91987	GTTGTQASFLQLFAGDGAK	AGAP002378-PA	-	85	4.25E-08	2	1869.938	1.91	Visceras	2R:+:20816878-20816934	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_95631	KVDLEIVSALASLGATVHK	AGAP002378-PA	-	60	1.66E-06	1	1951.128	2.66	Head	2R:+:20817016-20817072	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_97243	EMQYLFSDQHK	AGAP002378-PA	M2(Oxidation)	61	7.69E-06	1	1441.644	1.5	Ovary	2R:+:20816282-20816314	exon=> In CDS Exon 1 of transcript AGAP002378-PA
JHU_Ag_97669	KVDLEIVSALASLGATVHK	AGAP002378-PA	-	41	0.000136248	1	1951.128	2.66	Salivary gland	2R:+:20817016-20817072	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_97853	KVDLEIVSALASLGATVHK	AGAP002378-PA	-	121	1.54E-12	1	1951.124	0.87	Ovary	2R:+:20817016-20817072	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_107167	GTTGTQASFLQLFAGDGAK	AGAP002378-PA	-	66	3.86E-06	2	1869.942	3.94	Pupa	2R:+:20816878-20816934	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_107346	VLSHEAGAQVK	AGAP002378-PA	-	39	0.000896051	1	1138.628	5.86	Salivary gland	2R:+:20817493-20817525	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_108679	AAAAEEALTR	AGAP002378-PA	-	83	9.69E-08	2	1002.522	0.87	Ovary	2R:+:20816506-20816535	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_117474	GTTGTQASFLQLFAGDGAK	AGAP002378-PA	Q6(Deamidated)	95	4.55E-09	1	1869.950	8.7	Head	2R:+:20816878-20816934	exon=> In CDS Exon 2 of transcript AGAP002378-PA
JHU_Ag_27890	ASAYQDGGFYSR	AGAP002379-PA	-	49	0.000111638	2	1321.582	0.97	Salivary gland	2R:-:20820820-20820785	exon=> In CDS Exon 3 of transcript AGAP002379-PA
JHU_Ag_43477	SISAQLVQSHYR	AGAP002379-PA	-	62	1.16E-05	1	1388.726	-1.26	Midgut	2R:-:20819983-20819948	exon=> In CDS Exon 3 of transcript AGAP002379-PA
JHU_Ag_63332	AADPAPPAVVHAPAESVPLVESTPK	AGAP002379-PA	-	44	0.000313781	1	2450.295	1.02	Male reproductive organs	2R:-:20821093-20821019	exon=> In CDS Exon 3 of transcript AGAP002379-PA
JHU_Ag_86095	RVEEVVDEFR	AGAP002379-PA	-	39	0.001983576	2	1277.649	0.65	Head	2R:-:20820013-20819984	exon=> In CDS Exon 3 of transcript AGAP002379-PA
JHU_Ag_93591	AADPAPPAVVHAPAESVPLVESTPK	AGAP002379-PA	-	43	0.000353393	1	2450.300	3.11	Head	2R:-:20821093-20821019	exon=> In CDS Exon 3 of transcript AGAP002379-PA
JHU_Ag_95753	AADPAPPAVVHAPAESVPLVESTPK	AGAP002379-PA	-	34	0.002446341	1	2450.315	9.09	Malpighian tubule	2R:-:20821093-20821019	exon=> In CDS Exon 3 of transcript AGAP002379-PA
JHU_Ag_105718	ASAYQDGGFYSR	AGAP002379-PA	-	51	5.79E-05	1	1321.581	0.42	Male reproductive organs	2R:-:20820820-20820785	exon=> In CDS Exon 3 of transcript AGAP002379-PA

JHU_Ag_111905	FVPYEEEVADLLER	AGAP002379-PA	-	50	0.000163311	2	1708.854	6.37	Salivary gland	2R:-:20820343-20820302	exon=> In CDS Exon 3 of transcript AGAP002379-PA
JHU_Ag_77434	LNTILSVTMEVLR	AGAP002383-PA	M9(Oxidation)	81	4.78E-08	2	1504.847	4.27	Malpighian tubule	2R:-:20864419-20864381	exon=> In CDS Exon 4 of transcript AGAP002383-PA
JHU_Ag_22129	TNHQGVYVLQDNAFR	AGAP002385-PA	-	77	3.57E-07	1	1761.865	-1.12	Head	2R:-:20871825-20871781	exon=> In CDS Exon 2 of transcript AGAP002385-PA
JHU_Ag_32735	AEEAIFEFLHSEIVNYTLSK	AGAP002385-PA	N-Term(Acetyl)	116	3.63E-11	1	2382.186	-0.19	Midgut	2R:-:20872141-20872082	exon=> In CDS Exon 1 of transcript AGAP002385-PA
JHU_Ag_55950	FVAFTCGLVR	AGAP002385-PA	C6(Carbamidomethyl)	58	1.45E-05	1	1169.617	3.08	Ovary	2R:-:20871649-20871620	exon=> In CDS Exon 3 of transcript AGAP002385-PA
JHU_Ag_65691	AEEAIFEFLHSEIVNYTLSK	AGAP002385-PA	N-Term(Acetyl)	176	3.62E-17	1	2382.192	2.5	Ovary	2R:-:20872141-20872082	exon=> In CDS Exon 1 of transcript AGAP002385-PA
JHU_Ag_104872	TNHQGVYVLQDNAFR	AGAP002385-PA	-	92	1.19E-08	1	1761.867	0.06	Midgut	2R:-:20871825-20871781	exon=> In CDS Exon 2 of transcript AGAP002385-PA
JHU_Ag_12750	YSSLLQDTYSNNEIYVR	AGAP002387-PA	-	119	1.66E-11	1	2064.990	1.44	Pupa	2R:+:20879196-20879246	exon=> In CDS Exon 3 of transcript AGAP002387-PA
JHU_Ag_23073	TPIDPYPNDPWKDPSHWTADWGQLVNAGK	AGAP002387-PA	-	56	3.01E-05	1	3305.584	5.68	Midgut	2R:+:20878985-20879062,20879148-20879156	exon=> In CDS Exon 2 and 3 of transcript AGAP002387-PA
JHU_Ag_23960	YSSLLQDTYSNNEIYVR	AGAP002387-PA	-	76	3.97E-07	2	2064.986	-0.45	Male reproductive organs	2R:+:20879196-20879246	exon=> In CDS Exon 3 of transcript AGAP002387-PA
JHU_Ag_27093	VFELHNPPFAACVLLELR	AGAP002387-PA	C12(Carbamidomethyl)	63	4.98E-06	1	2125.127	0.45	Ovary	2R:+:20879826-20879879	exon=> In CDS Exon 3 of transcript AGAP002387-PA
JHU_Ag_50122	YSSLLQDTYSNNEIYVR	AGAP002387-PA	-	90	1.41E-08	2	2064.987	-0.33	Midgut	2R:+:20879196-20879246	exon=> In CDS Exon 3 of transcript AGAP002387-PA
JHU_Ag_67074	DVWDSAITWQPIPVHTVTEELDSVLAAK	AGAP002387-PA	-	52	5.28E-05	3	3120.596	2.19	Pupa	2R:+:20879319-20879402	exon=> In CDS Exon 3 of transcript AGAP002387-PA
JHU_Ag_68441	TPIDPYPNDPWKDPSHWTADWGQLVNAGK	AGAP002387-PA	-	60	1.21E-05	1	3305.578	3.96	Ovary	2R:+:20878985-20879062,20879148-20879156	exon=> In CDS Exon 2 and 3 of transcript AGAP002387-PA
JHU_Ag_79511	LIFAHVLFR	AGAP002387-PA	-	58	5.17E-06	1	1115.671	-1.03	Ovary	2R:+:20878830-20878847,20878964-20878972	exon=> In CDS Exon 1 and 2 of transcript AGAP002387-PA
JHU_Ag_80326	LIFAHVLFR	AGAP002387-PA	-	60	2.70E-06	1	1115.675	1.92	Pupa	2R:+:20878830-20878847,20878964-20878972	exon=> In CDS Exon 1 and 2 of transcript AGAP002387-PA
JHU_Ag_92308	TPIDPYPNDPWKDPSHWTADWGQLVNAGK	AGAP002387-PA	-	97	2.30E-09	1	3305.567	0.63	Pupa	2R:+:20878985-20879062,20879148-20879156	exon=> In CDS Exon 2 and 3 of transcript AGAP002387-PA
JHU_Ag_93529	YSSLLQDTYSNNEIYVR	AGAP002387-PA	-	106	3.31E-10	1	2064.987	-0.22	Ovary	2R:+:20879196-20879246	exon=> In CDS Exon 3 of transcript AGAP002387-PA
JHU_Ag_3158	KLTIK	AGAP002389-PA	N-Term(Acetyl)	29	0.00287368	1	644.435	0.63	Visceras	2R:+:20881246-20881260	exon=> In CDS Exon 1 of transcript AGAP002389-PA
JHU_Ag_35337	KLTIK	AGAP002389-PA	N-Term(Acetyl)	33	0.001036188	1	644.434	-0.13	Male reproductive organs	2R:+:20881246-20881260	exon=> In CDS Exon 1 of transcript AGAP002389-PA
JHU_Ag_50822	KLTIK	AGAP002389-PA	N-Term(Acetyl)	30	0.002057967	1	644.435	0.72	Salivary gland	2R:+:20881246-20881260	exon=> In CDS Exon 1 of transcript AGAP002389-PA
JHU_Ag_52108	KLTIK	AGAP002389-PA	N-Term(Acetyl)	27	0.004703687	1	644.435	2.05	Malpighian tubule	2R:+:20881246-20881260	exon=> In CDS Exon 1 of transcript AGAP002389-PA
JHU_Ag_56622	LHQLSLDDLEK	AGAP002389-PA	-	48	0.000195503	2	1310.693	-1.49	Head	2R:+:20881668-20881700	exon=> In CDS Exon 2 of transcript AGAP002389-PA
JHU_Ag_72828	KLTIK	AGAP002389-PA	N-Term(Acetyl)	33	0.001110295	1	644.434	-0.7	Pupa	2R:+:20881246-20881260	exon=> In CDS Exon 1 of transcript AGAP002389-PA
JHU_Ag_74205	KLTIK	AGAP002389-PA	N-Term(Acetyl)	30	0.002406791	1	644.434	-0.32	Midgut	2R:+:20881246-20881260	exon=> In CDS Exon 1 of transcript AGAP002389-PA

JHU_Ag_77874	LHQLSLDDLEK	AGAP002389-PA	-	34	0.003595736	1	1310.697	1.77	Male reproductive organs	2R:+:20881668-20881700	exon=> In CDS Exon 2 of transcript AGAP002389-PA
JHU_Ag_97148	TVASYGSIVDGTK	AGAP002389-PA	-	59	1.25E-05	2	1297.665	1.34	Ovary	2R:+:20881503-20881541	exon=> In CDS Exon 2 of transcript AGAP002389-PA
JHU_Ag_103081	KLTIK	AGAP002389-PA	N-Term(Acetyl)	30	0.002020405	1	644.436	2.9	Head	2R:+:20881246-20881260	exon=> In CDS Exon 1 of transcript AGAP002389-PA
JHU_Ag_2428	VFVGSLPPATKPEEVRR	AGAP002390-PA	-	60	4.45E-06	1	1882.054	-0.27	Head	2R:+:20883773-20883823	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_29798	SQPYGVGAGYGAAR	AGAP002390-PA	-	81	1.11E-07	2	1353.653	-1.48	Head	2R:+:20884079-20884120	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_30328	VFVGSLPPATKPEEVRR	AGAP002390-PA	-	77	5.49E-08	1	1882.069	7.71	Ovary	2R:+:20883773-20883823	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_46461	VFVGSLPPATKPEEVR	AGAP002390-PA	-	45	0.000239161	1	1725.957	1.86	Male reproductive organs	2R:+:20883773-20883820	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_48986	VFVGSLPPATKPEEVR	AGAP002390-PA	-	100	6.51E-10	1	1725.959	3	Head	2R:+:20883773-20883820	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_50304	VFVGSLPPATKPEEVR	AGAP002390-PA	-	84	2.41E-08	1	1725.961	4.2	Ovary	2R:+:20883773-20883820	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_61214	GFTLPSYPSDPSR	AGAP002390-PA	-	70	1.74E-06	1	1423.690	3.31	Male reproductive organs	2R:+:20884408-20884446	exon=> In CDS Exon 3 of transcript AGAP002390-PA
JHU_Ag_61933	SQPYGVGAGYGAAR	AGAP002390-PA	-	92	9.69E-09	1	1353.657	1.94	Malpighian tubule	2R:+:20884079-20884120	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_81915	NDAGYSSSNNAYGYGYSSNGGGYGSTR	AGAP002390-PA	N19(Deamidated)	68	2.05E-07	2	2727.083	0.15	Ovary	2R:+:20884303-20884383	exon=> In CDS Exon 3 of transcript AGAP002390-PA
JHU_Ag_104534	VFVGSLPPATKPEEVRR	AGAP002390-PA	-	50	4.68E-05	1	1882.054	-0.36	Male reproductive organs	2R:+:20883773-20883823	exon=> In CDS Exon 2 of transcript AGAP002390-PA
JHU_Ag_112583	GFTLPSYPSDPSR	AGAP002390-PA	-	43	0.000726314	1	1423.686	0.48	Head	2R:+:20884408-20884446	exon=> In CDS Exon 3 of transcript AGAP002390-PA
JHU_Ag_84032	DQVLALR	AGAP002391-PA	-	35	0.003520272	1	814.479	1.47	Visceras	2R:+:20892010-20892030	exon=> In CDS Exon 2 of transcript AGAP002391-PA
JHU_Ag_44715	TVVDDLFASIAKPLSQIIR	AGAP002394-PA	-	52	1.59E-05	1	2086.189	-1.08	Ovary	2R:+:20902923-20902979	exon=> In CDS Exon 1 of transcript AGAP002394-PA
JHU_Ag_396	NDHGPLVK	AGAP002395-PA	-	42	0.000956786	1	879.469	0.25	Ovary	2R:-:20904658-20904635	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_2900	FCGKDQFHIR	AGAP002395-PA	C2(Carbamidomethyl)	48	0.000265784	1	1307.632	0.4	Ovary	2R:-:20905283-20905254	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_3746	LVPDGCGVQFR	AGAP002395-PA	C6(Carbamidomethyl)	62	9.64E-06	2	1247.620	-0.41	Midgut	2R:-:20904691-20904659	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_9301	GAFGKPQGTVAR	AGAP002395-PA	-	59	1.55E-05	1	1188.650	0.95	Malpighian tubule	2R:-:20904910-20904875	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_14701	LVPDGCGVQFR	AGAP002395-PA	C6(Carbamidomethyl)	71	1.24E-06	1	1247.620	-0.21	Ovary	2R:-:20904691-20904659	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_14761	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	39	0.000873958	1	1252.686	2.08	Larva	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_15082	ACVEDFPLCVHLVSDEYEQLSSEALEAGR	AGAP002395-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	56	2.49E-05	1	3323.521	0.29	Salivary gland	2R:-:20905397-20905311	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_16448	AQVIEALRR	AGAP002395-PA	-	52	2.90E-05	2	1055.631	-0.86	Pupa	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_18273	AQVIEALRR	AGAP002395-PA	-	59	6.04E-06	2	1055.631	-0.63	Midgut	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_18402	MLSCAGADRLQTGMR	AGAP002395-PA	M1(Oxidation), C4(Carbamidomethyl), M14(Oxidation)	50	0.000113153	1	1698.774	1.19	Malpighian tubule	2R:-:20905214-20905517,20904599-20904911	exon=> In CDS Exon 2 and 1 of transcript AGAP002395-PA
JHU_Ag_22302	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	52	5.31E-05	1	1252.682	-0.95	Midgut	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA

JHU_Ag_23603	IFDLGR	AGAP002395-PA	-	34	0.003342012	2	720.404	-0.2	Salivary gland	2R:-:20905421-20905404	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_24868	LVPDGCGVQFR	AGAP002395-PA	C6(Carbamidomethyl)	51	0.000126415	1	1247.624	3.11	Head	2R:-:20904691-20904659	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_27015	GAFGKPQGTVAR	AGAP002395-PA	-	68	2.02E-06	1	1188.646	-2.23	Ovary	2R:-:20904910-20904875	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_29028	YDRDVYQK	AGAP002395-PA	-	34	0.004062298	1	1086.517	-4.55	Head	2R:-:20904733-20904710	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_37070	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	51	5.69E-05	1	1252.685	1.1	Male reproductive organs	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_37152	IFDLGR	AGAP002395-PA	-	43	0.000485297	2	720.404	-0.12	Midgut	2R:-:20905421-20905404	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_43444	GAFGKPQGTVAR	AGAP002395-PA	-	71	1.04E-06	1	1188.648	-0.28	Male reproductive organs	2R:-:20904910-20904875	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_43534	ACVEDFPLCVHLVSDEYEQLSSEALEAGR	AGAP002395-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	100	1.21E-09	1	3323.527	2.28	Visceras	2R:-:20905397-20905311	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_43665	DQFHIR	AGAP002395-PA	-	37	0.001396673	1	815.412	-4.5	Head	2R:-:20905271-20905254	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_43777	AQVIEALRR	AGAP002395-PA	-	29	0.005498462	1	1055.633	0.64	Salivary gland	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_44604	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	64	3.38E-06	1	1252.682	-0.85	Ovary	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_45812	LVPDGCGVQFR	AGAP002395-PA	C6(Carbamidomethyl)	75	5.86E-07	2	1247.620	-0.02	Male reproductive organs	2R:-:20904691-20904659	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_46533	AQVIEALRR	AGAP002395-PA	-	39	0.000607073	3	1055.632	0.22	Malpighian tubule	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_48120	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	55	2.60E-05	1	1252.682	-1.14	Visceras	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_51042	ACVEDFPLCVHLVSDEYEQLSSEALEAGR	AGAP002395-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	131	9.45E-13	1	3323.520	0.18	Malpighian tubule	2R:-:20905397-20905311	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_53701	GAFGKPQGTVAR	AGAP002395-PA	-	83	5.66E-08	1	1188.651	2.49	Head	2R:-:20904910-20904875	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_53900	NDHGPLVKWEQHQR	AGAP002395-PA	-	70	1.64E-06	1	1743.866	-0.79	Malpighian tubule	2R:-:20904658-20904617	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_54276	AQVIEALRR	AGAP002395-PA	-	39	0.00060075	3	1055.631	-0.9	Visceras	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_54495	MLSCAGADR	AGAP002395-PA	M1(Oxidation), C4(Carbamidomethyl)	44	0.000270255	2	996.425	1.19	Ovary	2R:-:20905214-20905517,20904599-20904929	exon=> In CDS Exon 2 and 1 of transcript AGAP002395-PA
JHU_Ag_55163	HNDEGR	AGAP002395-PA	-	36	0.000829511	2	727.312	-0.26	Ovary	2R:-:20904709-20904692	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_55175	IFDLGR	AGAP002395-PA	-	36	0.002460413	2	720.404	-0.12	Pupa	2R:-:20905421-20905404	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_55259	IFDLGR	AGAP002395-PA	-	33	0.005321032	2	720.405	0.81	Head	2R:-:20905421-20905404	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_56815	GVPDPKIR	AGAP002395-PA	-	29	0.003665641	1	881.521	0.68	Malpighian tubule	2R:-:20905445-20905422	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_60140	MLSCAGADR	AGAP002395-PA	C4(Carbamidomethyl)	62	5.79E-06	2	980.428	-0.68	Visceras	2R:-:20905214-20905517,20904599-20904929	exon=> In CDS Exon 2 and 1 of transcript AGAP002395-PA
JHU_Ag_66973	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	56	1.54E-05	1	1236.688	-0.04	Pupa	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_69204	MLSCAGADR	AGAP002395-PA	M1(Oxidation), C4(Carbamidomethyl)	44	0.000203779	2	996.422	-1.94	Midgut	2R:-:20905214-20905517,20904599-20904929	exon=> In CDS Exon 2 and 1 of transcript AGAP002395-PA

JHU_Ag_71351	GAFGKPQGTVAR	AGAP002395-PA	-	71	9.69E-07	1	1188.648	-0.38	Pupa	2R:-:20904910-20904875	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_71895	ACVEDFPLCVHLVSDEYEQLSSEALEAGR	AGAP002395-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	67	2.56E-06	1	3323.527	2.28	Head	2R:-:20905397-20905311	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_73204	IFDLGR	AGAP002395-PA	-	33	0.005094229	1	720.407	3.71	Larva	2R:-:20905421-20905404	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_77569	SSDRFK	AGAP002395-PA	-	40	0.000477918	2	739.373	-0.11	Male reproductive organs	2R:-:20904841-20904824	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_78056	AQVIEALRR	AGAP002395-PA	-	41	0.00034693	1	1055.632	-0.52	Ovary	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_79395	DQFHIR	AGAP002395-PA	-	37	0.002094112	1	815.415	-1.59	Visceras	2R:-:20905271-20905254	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_79558	ACVEDFPLCVHLVSDEYEQLSSEALEAGR	AGAP002395-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	101	9.83E-10	1	3323.540	6.24	Ovary	2R:-:20905397-20905311	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_81209	ACVEDFPLCVHLVSDEYEQLSSEALEAGR	AGAP002395-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	59	1.27E-05	3	3323.520	0.18	Midgut	2R:-:20905397-20905311	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_83640	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	46	0.000203733	1	1252.687	3.34	Head	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_86045	GAFGKPQGTVAR	AGAP002395-PA	-	85	3.71E-08	1	1188.648	-0.18	Visceras	2R:-:20904910-20904875	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_90288	IFVSK	AGAP002395-PA	-	38	0.00040009	1	593.366	-0.15	Male reproductive organs	2R:-:20904766-20904752	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_97126	FCGKDQFHIR	AGAP002395-PA	C2(Carbamidomethyl)	49	0.000212476	1	1307.630	-1.41	Male reproductive organs	2R:-:20905283-20905254	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_97389	AQVIEALRR	AGAP002395-PA	-	54	2.08E-05	1	1055.631	-1.09	Male reproductive organs	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_97860	IFDLGR	AGAP002395-PA	-	38	0.00187102	2	720.406	2.34	Malpighian tubule	2R:-:20905421-20905404	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_101066	AQVIEALRR	AGAP002395-PA	-	39	0.000611281	3	1055.634	1.78	Larva	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_105212	VHIGQPIMSVR	AGAP002395-PA	M8(Oxidation)	46	0.000197783	1	1236.692	2.73	Malpighian tubule	2R:-:20904874-20904842	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_109443	AQVIEALRR	AGAP002395-PA	-	39	0.000534871	3	1055.627	-5.07	Head	2R:-:20904823-20904797	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_113435	MRLHPFHVIR	AGAP002395-PA	M1(Oxidation)	36	0.001581903	1	1321.733	1.44	Malpighian tubule	2R:-:20905253-20905224	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_113446	GAFGKPQGTVAR	AGAP002395-PA	-	54	5.21E-05	1	1188.651	2.29	Larva	2R:-:20904910-20904875	exon=> In CDS Exon 2 of transcript AGAP002395-PA
JHU_Ag_116251	IFDLGR	AGAP002395-PA	-	42	0.000798139	2	720.405	2	Male reproductive organs	2R:-:20905421-20905404	exon=> In CDS Exon 1 of transcript AGAP002395-PA
JHU_Ag_4983	ESSAEGEQEDATGEK	AGAP002396-PA	-	96	5.59E-10	2	1566.639	-0.83	Midgut	2R:+:20908140-20908184	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_6438	KPHEFNRPALKPDER	AGAP002396-PA	-	37	0.002319027	1	1833.970	-1.3	Midgut	2R:+:20909172-20909216	exon=> In CDS Exon 4 of transcript AGAP002396-PA
JHU_Ag_9308	ESSAEGEQEDATGEK	AGAP002396-PA	-	95	8.82E-10	2	1566.641	0.57	Head	2R:+:20908140-20908184	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_14191	KPHEFNRPALKPDER	AGAP002396-PA	-	48	0.000137722	1	1833.977	2.8	Salivary gland	2R:+:20909172-20909216	exon=> In CDS Exon 4 of transcript AGAP002396-PA
JHU_Ag_14770	FYSLWDTGYAK	AGAP002396-PA	-	56	3.30E-05	2	1350.636	-0.26	Midgut	2R:+:20907810-20907842	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_28148	FYSLWDTGYAK	AGAP002396-PA	-	36	0.00455883	2	1350.640	2.63	Ovary	2R:+:20907810-20907842	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_30248	KPHEFNRPALKPDER	AGAP002396-PA	-	41	0.000873305	1	1833.975	1.78	Head	2R:+:20909172-20909216	exon=> In CDS Exon 4 of transcript AGAP002396-PA
JHU_Ag_42358	EAYYWLWQNTAPDAR	AGAP002396-PA	-	77	2.17E-07	1	1883.874	1.4	Salivary gland	2R:+:20908509-20908553	exon=> In CDS Exon 3 of transcript AGAP002396-PA

JHU_Ag_49050	EAYYWLWQNTAPDAR	AGAP002396-PA	-	67	2.44E-06	2	1883.876	2.31	Larva	2R:+:20908509-20908553	exon=> In CDS Exon 3 of transcript AGAP002396-PA
JHU_Ag_52261	EAYYWLWQNTAPDAR	AGAP002396-PA	-	55	3.51E-05	1	1883.877	3.02	Malpighian tubule	2R:+:20908509-20908553	exon=> In CDS Exon 3 of transcript AGAP002396-PA
JHU_Ag_54497	DFDLTYLEEAYTSEHWLVR	AGAP002396-PA	-	67	3.18E-06	1	2387.128	3.59	Salivary gland	2R:+:20909100-20909156	exon=> In CDS Exon 4 of transcript AGAP002396-PA
JHU_Ag_55188	IDSEGAPALLNCLMYK	AGAP002396-PA	C12(Carbamidomethyl), M14(Oxidation)	62	9.25E-06	2	1810.867	-2.47	Midgut	2R:+:20908863-20908910	exon=> In CDS Exon 3 of transcript AGAP002396-PA
JHU_Ag_59165	HDLSSHSAHGEQNTGLGSNVK	AGAP002396-PA	-	151	1.08E-14	1	2175.028	4.94	Larva	2R:+:20908230-20908292	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_67267	FLNWFDESAWYPLGR	AGAP002396-PA	-	75	5.84E-07	1	1900.910	4.56	Salivary gland	2R:+:20907024-20907068	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_75058	VKKPHEFNRPALKPDER	AGAP002396-PA	-	28	0.006238 21	1	2061.137	0.87	Pupa	2R:+:20909166-20909216	exon=> In CDS Exon 4 of transcript AGAP002396-PA
JHU_Ag_82984	LFAVIR	AGAP002396-PA	-	43	6.30E-05	2	718.461	0.49	Salivary gland	2R:+:20906609-20906626	exon=> In CDS Exon 1 of transcript AGAP002396-PA
JHU_Ag_88839	FYSLWDTGYAK	AGAP002396-PA	-	46	0.000432 368	2	1350.640	2.54	Larva	2R:+:20907810-20907842	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_94577	KPHEFNRPALKPDER	AGAP002396-PA	-	34	0.004130 792	1	1833.971	-0.72	Pupa	2R:+:20909172-20909216	exon=> In CDS Exon 4 of transcript AGAP002396-PA
JHU_Ag_98789	VKKPHEFNRPALKPDER	AGAP002396-PA	-	56	1.25E-05	1	2061.127	-4.26	Midgut	2R:+:20909166-20909216	exon=> In CDS Exon 4 of transcript AGAP002396-PA
JHU_Ag_102059	FYSLWDTGYAK	AGAP002396-PA	-	52	0.000107 527	2	1350.641	3.08	Salivary gland	2R:+:20907810-20907842	exon=> In CDS Exon 2 of transcript AGAP002396-PA
JHU_Ag_108376	FESIIHEFDPWFNYR	AGAP002396-PA	-	41	0.001169 062	1	1999.931	-1.36	Midgut	2R:+:20906627-20906658,20906975-20906987	exon=> In CDS Exon 1 and 2 of transcript AGAP002396-PA
JHU_Ag_116648	EAYYWLWQNTAPDAR	AGAP002396-PA	-	58	1.97E-05	1	1883.871	-0.22	Midgut	2R:+:20908509-20908553	exon=> In CDS Exon 3 of transcript AGAP002396-PA
JHU_Ag_38444	IAGADLSQEDSCGR	AGAP002397-PA	C12(Carbamidomethyl)	74	3.65E-07	1	1478.659	3.32	Malpighian tubule	2R:+:20915378-20915419	exon=> In CDS Exon 4 of transcript AGAP002397-PA
JHU_Ag_48509	GVVLQTYGAGNFPTNR	AGAP002397-PA	-	66	3.47E-06	1	1693.876	5.87	Malpighian tubule	2R:+:20914456-20914503	exon=> In CDS Exon 2 of transcript AGAP002397-PA
JHU_Ag_54721	AIGDGLCAAAAR	AGAP002397-PA	C7(Carbamidomethyl)	71	1.24E-06	2	1145.576	2.17	Malpighian tubule	2R:+:20915312-20915347	exon=> In CDS Exon 4 of transcript AGAP002397-PA
JHU_Ag_77559	VSSESLDAFNSPNAAPLAK	AGAP002397-PA	-	87	3.01E-08	2	1917.965	4.92	Malpighian tubule	2R:+:20914237-20914293	exon=> In CDS Exon 2 of transcript AGAP002397-PA
JHU_Ag_8741	AAEEEAARK	AGAP002399-PA	-	40	0.001578 631	1	974.489	-1.37	Midgut	2R:+:20948566-20948592	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_9208	LAAEEAER	AGAP002399-PA	-	56	4.08E-05	1	888.441	-1.65	Head	2R:+:20948157-20948180	exon=> In CDS Exon 3 of transcript AGAP002399-PA
JHU_Ag_16009	LYDDPTDSK	AGAP002399-PA	-	45	0.000343 404	2	1053.481	6.98	Male reproductive organs	2R:+:20947878-20947904	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_23496	VREDELAR	AGAP002399-PA	-	44	0.000596 937	1	987.521	-0.68	Head	2R:+:20948713-20948736	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_24860	QAIEENNEELAKEIAELK	AGAP002399-PA	-	85	4.63E-08	1	2071.052	-1.71	Male reproductive organs	2R:+:20948755-20948808	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_31263	LAAEEAERR	AGAP002399-PA	-	35	0.003969 953	2	1044.539	-4.61	Head	2R:+:20948157-20948183	exon=> In CDS Exon 3 of transcript AGAP002399-PA
JHU_Ag_33964	QAIEENNEELAK	AGAP002399-PA	-	67	2.87E-06	2	1387.675	3.39	Larva	2R:+:20948755-20948790	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_36690	AIAQSDEELLKR	AGAP002399-PA	-	92	7.77E-09	1	1372.744	0.76	Visceras	2R:+:20948809-20948844	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_37309	LAAEEEAR	AGAP002399-PA	-	42	0.001139 865	2	888.441	-0.9	Visceras	2R:+:20948644-20948667	exon=> In CDS Exon 4 of transcript AGAP002399-PA

JHU_Ag_38539	VRYEPVNLEK	AGAP002399-PA	-	62	8.78E-06	1	1246.675	-3.24	Head	2R:+:20947953-20947982	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_38669	AAEEEAARK	AGAP002399-PA	-	42	0.001154646	1	974.490	-0.43	Ovary	2R:+:20948566-20948592	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_41806	AIAQSDEELLKR	AGAP002399-PA	-	59	1.33E-05	2	1372.747	2.9	Malpighian tubule	2R:+:20948809-20948844	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_42226	LYDDPTDSK	AGAP002399-PA	-	53	4.86E-05	1	1053.476	2.69	Head	2R:+:20947878-20947904	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_47742	AAEEEAARK	AGAP002399-PA	-	62	1.02E-05	1	974.490	0.07	Head	2R:+:20948566-20948592	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_55002	QAIEENNEELAK	AGAP002399-PA	-	46	0.000437552	2	1387.669	-0.48	Visceras	2R:+:20948755-20948790	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_63813	LAAEEEAR	AGAP002399-PA	-	66	3.77E-06	1	888.441	-0.9	Head	2R:+:20948644-20948667	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_64004	VREDELAR	AGAP002399-PA	-	42	0.001093776	1	987.521	-0.56	Male reproductive organs	2R:+:20948713-20948736	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_69884	AIAQSDEELLKR	AGAP002399-PA	-	103	6.37E-10	1	1372.743	-0.04	Male reproductive organs	2R:+:20948809-20948844	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_73782	LNELEKQAIEENNEELAK	AGAP002399-PA	-	83	6.27E-08	1	2114.063	0.83	Male reproductive organs	2R:+:20948737-20948790	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_76311	IRQEEQAR	AGAP002399-PA	-	57	2.39E-05	1	1029.539	-4.87	Head	2R:+:20948115-20948138	exon=> In CDS Exon 3 of transcript AGAP002399-PA
JHU_Ag_78424	QAIEENNEELAK	AGAP002399-PA	-	75	5.17E-07	1	1387.670	-0.22	Head	2R:+:20948755-20948790	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_82875	LYDDPTDSK	AGAP002399-PA	-	33	0.004851066	2	1053.477	2.92	Larva	2R:+:20947878-20947904	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_92346	LYDDPTDSK	AGAP002399-PA	-	46	0.000266516	2	1053.476	2	Malpighian tubule	2R:+:20947878-20947904	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_94413	VRYEPVNLEK	AGAP002399-PA	-	51	9.59E-05	1	1246.679	-0.34	Male reproductive organs	2R:+:20947953-20947982	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_97519	LYDDPTDSK	AGAP002399-PA	-	41	0.000762085	2	1053.473	-0.79	Visceras	2R:+:20947878-20947904	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_100537	LAAEEEARK	AGAP002399-PA	-	53	7.08E-05	1	1016.533	-4.09	Head	2R:+:20948644-20948670	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_103265	QAIEENNEELAKEIAELK	AGAP002399-PA	-	110	1.44E-10	1	2071.061	2.44	Visceras	2R:+:20948755-20948808	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_113295	VAELNKVR	AGAP002399-PA	-	43	0.000579766	1	928.559	2.03	Malpighian tubule	2R:+:20947935-20947958	exon=> In CDS Exon 2 of transcript AGAP002399-PA
JHU_Ag_113551	AIAQSDEELLKR	AGAP002399-PA	-	88	2.25E-08	1	1372.742	-1.02	Head	2R:+:20948809-20948844	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_113611	QAIEENNEELAKEIAELK	AGAP002399-PA	-	50	0.000116845	1	2071.062	3.24	Head	2R:+:20948755-20948808	exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_471	VPNSTGAEEELAAR	AGAP002400-PA	-	88	1.81E-08	2	1443.708	0.56	Salivary gland	2R:-:20954960-20954919	exon=> In CDS Exon 1 of transcript AGAP002400-PA
JHU_Ag_5274	VPNSTGAEEELAAR	AGAP002400-PA	-	76	2.91E-07	1	1443.708	0.56	Malpighian tubule	2R:-:20954960-20954919	exon=> In CDS Exon 1 of transcript AGAP002400-PA
JHU_Ag_14324	VLLNLK	AGAP002400-PA	-	32	0.000847052	1	699.476	-0.97	Pupa	2R:-:20954320-20954303	exon=> In CDS Exon 2 of transcript AGAP002400-PA
JHU_Ag_58857	FLVPLVK	AGAP002400-PA	-	31	0.000875775	2	815.540	1.43	Ovary	2R:-:20954353-20954333	exon=> In CDS Exon 2 of transcript AGAP002400-PA
JHU_Ag_85720	TLPSPITVQAVQTDSK	AGAP002400-PA	-	66	2.27E-06	2	1684.916	2.68	Ovary	2R:-:20953896-20953849	exon=> In CDS Exon 3 of transcript AGAP002400-PA
JHU_Ag_98928	VLLNLK	AGAP002400-PA	-	28	0.007202032	1	699.478	1.67	Head	2R:-:20954320-20954303	exon=> In CDS Exon 2 of transcript AGAP002400-PA
JHU_Ag_107733	VPNSTGAEEELAAR	AGAP002400-PA	-	70	1.39E-06	2	1443.710	1.91	Ovary	2R:-:20954960-20954919	exon=> In CDS Exon 1 of transcript AGAP002400-PA

JHU_Ag_1275	KIQSSNMLNQAR	AGAP002401-PA	M7(Oxidation)	66	4.38E-06	2	1405.722	0.46	Male reproductive organs	2R:+:20956911-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_1284	LELIAQQLVPEIR	AGAP002401-PA	-	92	1.05E-09	1	1521.903	1.9	Ovary	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_1419	LGEVTKDPAR	AGAP002401-PA	-	73	5.20E-07	2	1085.594	-0.67	Male reproductive organs	2R:+:20957010-20957039	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_1839	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	156	1.61E-15	1	2070.125	0.72	Ovary	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_3188	LELIAQQLVPEIR	AGAP002401-PA	-	88	2.63E-09	1	1521.904	2.79	Malpighian tubule	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_3195	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	118	9.44E-12	2	2070.127	1.9	Pupa	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_4101	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	81	1.29E-07	1	1727.814	0.42	Pupa	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_5657	AEEEFNIEK	AGAP002401-PA	-	55	4.05E-05	2	1108.516	0.15	Male reproductive organs	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_5830	HMMAFIEQEANEK	AGAP002401-PA	M2(Oxidation), M3(Oxidation)	83	3.83E-08	2	1609.703	2.62	Larva	2R:+:20956746-20956784	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_7219	VANTLESR	AGAP002401-PA	-	62	1.43E-05	2	889.475	1.71	Malpighian tubule	2R:+:20957433-20957456	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_9611	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	91	1.66E-08	1	1261.633	0.65	Malpighian tubule	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_16017	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	165	1.89E-16	1	2070.118	-2.35	Midgut	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_16331	YGEILTALITQGLLQLMEAK	AGAP002401-PA	M17(Oxidation)	169	4.59E-17	1	2221.220	2.2	Malpighian tubule	2R:+:20957040-20957084,20957164-20957178	exon=> In CDS Exon 2 and 3 of transcript AGAP002401-PA
JHU_Ag_16763	LGEVTKDPAR	AGAP002401-PA	-	70	1.09E-06	2	1085.599	3.6	Larva	2R:+:20957010-20957039	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_17245	AEEEFNIEK	AGAP002401-PA	-	47	0.000275376	1	1108.516	0.22	Head	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_17369	CGRDVVVTLDTENFLPADTTGGVDLLAQSGR	AGAP002401-PA	C1(Carbamidomethyl)	127	2.05E-12	1	3276.633	4.92	Malpighian tubule	2R:+:20957260-20957352	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_19685	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	69	7.96E-07	1	2070.120	-1.29	Salivary gland	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_22190	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	91	1.11E-08	1	1727.809	-2.54	Head	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_24993	LELIAQQLVPEIR	AGAP002401-PA	-	68	2.47E-07	2	1521.904	2.63	Visceras	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_25058	LVQQQRLK	AGAP002401-PA	-	52	1.99E-05	1	1012.627	0.64	Malpighian tubule	2R:+:20956839-20956862	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_25477	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	66	5.15E-06	1	1261.633	0.84	Salivary gland	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_26078	LELIAQQLVPEIR	AGAP002401-PA	-	68	2.69E-07	2	1521.905	3.59	Larva	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_27528	ALSDADVQK	AGAP002401-PA	N-Term(Acetyl)	38	0.002377522	1	988.497	2.24	Larva	2R:+:20955884-20955910	exon=> In CDS Exon 1 of transcript AGAP002401-PA
JHU_Ag_29620	AEEEFNIEK	AGAP002401-PA	-	67	2.76E-06	1	1108.519	3.01	Larva	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_29996	ALSDADVQK	AGAP002401-PA	N-Term(Acetyl)	71	1.36E-06	1	988.495	0.12	Malpighian tubule	2R:+:20955884-20955910	exon=> In CDS Exon 1 of transcript AGAP002401-PA
JHU_Ag_30133	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	68	2.57E-06	1	1727.815	1.2	Male reproductive organs	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_30374	EDHVSNVLDECRR	AGAP002401-PA	C11(Carbamidomethyl)	46	0.000321356	1	1628.755	6.63	Malpighian tubule	2R:+:20956968-20957006	exon=> In CDS Exon 2 of transcript AGAP002401-PA

JHU_Ag_31462	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	94	6.41E-09	1	1727.821	4.38	Larva	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_31820	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	66	3.65E-06	1	1727.815	0.95	Salivary gland	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_31852	AEEEFNIEK	AGAP002401-PA	-	49	0.000170715	1	1108.516	-0.18	Salivary gland	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_32784	LKIMEYYEK	AGAP002401-PA	-	38	0.002941955	1	1216.631	2.24	Malpighian tubule	2R:+:20956857-20956883	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_33366	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	83	8.02E-08	1	1277.625	-1.02	Head	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_34743	IKVANTLESR	AGAP002401-PA	-	63	4.52E-06	2	1130.653	0.03	Pupa	2R:+:20957353-20957358,20957433-20957456	exon=> In CDS Exon 3 and 4 of transcript AGAP002401-PA
JHU_Ag_38374	LGEVTKDPAR	AGAP002401-PA	-	54	4.21E-05	1	1085.595	-0.44	Midgut	2R:+:20957010-20957039	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_38705	LGEVTKDPAR	AGAP002401-PA	-	39	0.001362236	2	1085.597	1.58	Salivary gland	2R:+:20957010-20957039	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_39612	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	139	6.66E-14	1	2070.134	5.2	Larva	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_41476	IMEYYEK	AGAP002401-PA	M2(Oxidation)	41	0.000800095	1	991.443	-0.8	Ovary	2R:+:20956863-20956883	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_42792	YGEILTALITQGLLQLMEAK	AGAP002401-PA	M17(Oxidation)	179	4.17E-18	1	2221.220	2.36	Ovary	2R:+:20957040-20957084,20957164-20957178	exon=> In CDS Exon 2 and 3 of transcript AGAP002401-PA
JHU_Ag_45553	LELIAQQLVPEIR	AGAP002401-PA	-	76	3.63E-08	2	1521.902	1.26	Salivary gland	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_47754	AEEEFNIEK	AGAP002401-PA	-	54	4.69E-05	2	1108.516	0.26	Midgut	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_49396	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	96	1.57E-09	1	2070.126	1.43	Male reproductive organs	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_49408	ALSDADVQK	AGAP002401-PA	N-Term(Acetyl)	62	1.01E-05	2	988.495	0	Visceras	2R:+:20955884-20955910	exon=> In CDS Exon 1 of transcript AGAP002401-PA
JHU_Ag_51556	DVVVTLDTENFLPADTTGGVDLLAQSGR	AGAP002401-PA	-	81	8.98E-08	1	2903.468	1.66	Ovary	2R:+:20957269-20957352	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_53630	KIQSSNMLNQAR	AGAP002401-PA	M7(Oxidation)	75	4.61E-07	2	1405.721	-0.58	Midgut	2R:+:20956911-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_54091	IKVANTLESR	AGAP002401-PA	-	65	2.59E-06	1	1130.654	0.67	Malpighian tubule	2R:+:20957353-20957358,20957433-20957456	exon=> In CDS Exon 3 and 4 of transcript AGAP002401-PA
JHU_Ag_54335	LVQQQR	AGAP002401-PA	-	36	0.00141036	2	771.450	3.32	Malpighian tubule	2R:+:20956839-20956856	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_54931	VANTLESR	AGAP002401-PA	-	52	0.000136085	2	889.475	1.29	Ovary	2R:+:20957433-20957456	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_55652	LGEVTKDPAR	AGAP002401-PA	-	64	4.04E-06	2	1085.597	1.69	Malpighian tubule	2R:+:20957010-20957039	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_55741	LELIAQQLVPEIR	AGAP002401-PA	-	95	4.30E-10	1	1521.902	1.34	Male reproductive organs	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_58406	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	80	1.43E-07	1	1727.820	3.89	Midgut	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_62254	YGEILTALITQGLLQLMEAK	AGAP002401-PA	M17(Oxidation)	153	1.55E-15	1	2221.226	4.84	Larva	2R:+:20957040-20957084,20957164-20957178	exon=> In CDS Exon 2 and 3 of transcript AGAP002401-PA
JHU_Ag_62925	ALSDADVQK	AGAP002401-PA	N-Term(Acetyl)	50	0.000150012	1	988.497	2.65	Salivary gland	2R:+:20955884-20955910	exon=> In CDS Exon 1 of transcript AGAP002401-PA
JHU_Ag_65389	ALSDADVQK	AGAP002401-PA	N-Term(Acetyl)	47	0.000335682	1	988.494	-0.91	Head	2R:+:20955884-20955910	exon=> In CDS Exon 1 of transcript AGAP002401-PA

JHU_Ag_66357	LELIAQQLVPEIR	AGAP002401-PA	-	85	4.80E-09	2	1521.904	2.39	Pupa	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_67657	HMMAFIEQEANEK	AGAP002401-PA	M2(Oxidation),M3(Oxidation),"M2(Oxidation), M3(Oxidation)"	90	6.26E-09	1	1609.694	-2.7	Head	2R:+:20956746-20956784	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_68196	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	91	1.42E-08	1	1277.626	-0.92	Visceras	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_72288	IMEYYEK	AGAP002401-PA	M2(Oxidation)	30	0.009102103	1	991.444	-0.55	Midgut	2R:+:20956863-20956883	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_74134	VANTLESRLELIAQQLVPEIR	AGAP002401-PA	-	74	5.22E-08	1	2392.369	5.53	Malpighian tubule	2R:+:20957433-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_74584	DVVVTLDTENFLPADTTGGVDLLAQSGR	AGAP002401-PA	-	101	9.89E-10	1	2903.470	2.29	Head	2R:+:20957269-20957352	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_75294	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	91	1.46E-08	1	1277.625	-1.4	Midgut	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_75323	VLIRGR	AGAP002401-PA	-	29	0.001228125	1	713.479	1.17	Malpighian tubule	2R:+:20957179-20957196	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_75469	EDHVSNVLDECR	AGAP002401-PA	C11(Carbamidomethyl)	93	3.38E-09	1	1472.647	2.56	Malpighian tubule	2R:+:20956968-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_75851	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	91	1.14E-08	1	1727.814	0.73	Visceras	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_78639	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	141	4.35E-14	1	2070.127	2.02	Visceras	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_84348	AEEEFNIEK	AGAP002401-PA	-	52	9.07E-05	1	1108.515	-0.99	Visceras	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_84485	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	83	7.13E-08	1	1727.812	-0.33	Ovary	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_85337	EKQVELQK	AGAP002401-PA	-	53	8.95E-05	1	1001.563	0.4	Malpighian tubule	2R:+:20956887-20956910	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_85962	LELIAQQLVPEIR	AGAP002401-PA	-	81	1.18E-08	1	1521.900	0.06	Midgut	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_87779	HMMAFIEQEANEKAEEIDAK	AGAP002401-PA	-	129	1.57E-12	1	2334.075	0.21	Visceras	2R:+:20956746-20956805	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_88158	VREDHVSNVLDECR	AGAP002401-PA	C13(Carbamidomethyl)	109	1.80E-10	1	1727.817	2.43	Malpighian tubule	2R:+:20956962-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_88236	IKVANTLESR	AGAP002401-PA	-	40	0.000899659	2	1130.652	-0.41	Male reproductive organs	2R:+:20957353-20957358,20957433-20957456	exon=> In CDS Exon 3 and 4 of transcript AGAP002401-PA
JHU_Ag_89211	GRLVQQQR	AGAP002401-PA	-	58	1.13E-05	2	984.570	0.34	Malpighian tubule	2R:+:20956833-20956856	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_91134	HMMAFIEQEANEKAEEIDAK	AGAP002401-PA	M2(Oxidation),M3(Oxidation),"M2(Oxidation), M3(Oxidation)"	137	2.73E-13	1	2334.083	3.74	Malpighian tubule	2R:+:20956746-20956805	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_92852	ALSDADVQK	AGAP002401-PA	N-Term(Acetyl)	38	0.002605724	1	988.494	-0.73	Pupa	2R:+:20955884-20955910	exon=> In CDS Exon 1 of transcript AGAP002401-PA
JHU_Ag_93170	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	81	1.27E-07	1	1277.627	0.13	Male reproductive organs	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_94771	ALSDADVQKQIK	AGAP002401-PA	N-Term(Acetyl)	88	1.64E-08	1	1357.735	2.33	Malpighian tubule	2R:+:20955884-20955913,20956740-20956745	exon=> In CDS Exon 1 and 2 of transcript AGAP002401-PA
JHU_Ag_95108	AEEEFNIEK	AGAP002401-PA	-	71	9.93E-07	2	1108.518	2.24	Malpighian tubule	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_97173	AEEEFNIEK	AGAP002401-PA	-	54	4.75E-05	1	1108.516	0.22	Pupa	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_98252	DVVVTLDTENFLPADTTGGVDLLAQSGR	AGAP002401-PA	-	56	2.93E-05	1	2903.464	0.27	Salivary gland	2R:+:20957269-20957352	exon=> In CDS Exon 3 of transcript AGAP002401-PA

JHU_Ag_98582	DVVVTLDTENFLPADTTGGVDLLAQSGRIK	AGAP002401-PA	-	85	2.35E-08	1	3144.655	3.91	Malpighian tubule	2R:+:20957269-20957358	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_101268	HMMAFIEQEANEK	AGAP002401-PA	M2(Oxidation),M3(Oxidation),"M2(Oxidation), M3(Oxidation)"	95	3.37E-09	1	1577.709	0.25	Malpighian tubule	2R:+:20956746-20956784	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_102642	LKIMEYYEK	AGAP002401-PA	M4(Oxidation)	55	5.68E-05	1	1232.629	4.49	Larva	2R:+:20956857-20956883	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_103112	YGEILTALITQGLLQLMEAK	AGAP002401-PA	M17(Oxidation)	133	1.52E-13	1	2205.226	2.54	Midgut	2R:+:20957040-20957084,20957164-20957178	exon=> In CDS Exon 2 and 3 of transcript AGAP002401-PA
JHU_Ag_103931	KIQSSNMLNQAR	AGAP002401-PA	M7(Oxidation)	100	1.68E-09	2	1405.724	1.85	Malpighian tubule	2R:+:20956911-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_104289	QADAQVIQNVLPAAVELYKSK	AGAP002401-PA	-	119	4.10E-12	1	2285.262	5.25	Malpighian tubule	2R:+:20957197-20957259	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_104784	QADAQVIQNVLPAAVELYK	AGAP002401-PA	-	154	2.27E-15	1	2070.130	3.55	Malpighian tubule	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_105370	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	42	0.00107464	2	1277.630	2.71	Pupa	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_106542	AEEEFNIEK	AGAP002401-PA	-	44	0.00054862	2	1108.515	-0.4	Ovary	2R:+:20956806-20956832	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_107716	EDHVSNVLDECR	AGAP002401-PA	C11(Carbamidomethyl)	101	5.29E-10	1	1472.648	2.73	Midgut	2R:+:20956968-20957003	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_107818	LGEVTKDPAR	AGAP002401-PA	-	40	0.001099645	2	1085.595	-0.44	Visceras	2R:+:20957010-20957039	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_108771	QVELQK	AGAP002401-PA	-	39	0.001707148	2	744.425	-0.03	Malpighian tubule	2R:+:20956893-20956910	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_110024	AEEIDAK	AGAP002401-PA	-	42	0.000668935	2	775.382	-1.47	Malpighian tubule	2R:+:20956785-20956805	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_110708	QADAQVIQNVLPAAVELYK	AGAP002401-PA	Q5(Deamidated),Q1(Deamidated)	112	3.73E-11	1	2070.122	-0.46	Head	2R:+:20957197-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_110748	LELIAQQLVPEIR	AGAP002401-PA	-	91	1.26E-09	2	1521.902	1.42	Head	2R:+:20957457-20957495	exon=> In CDS Exon 4 of transcript AGAP002401-PA
JHU_Ag_111060	KIQSSNMLNQAR	AGAP002401-PA	M7(Oxidation)	75	5.10E-07	1	1405.728	4.46	Larva	2R:+:20956911-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_111202	IMEYYEK	AGAP002401-PA	M2(Oxidation)	39	0.001337585	2	991.447	3.14	Malpighian tubule	2R:+:20956863-20956883	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_111705	GRQADAQVIQNVLPAAVELYK	AGAP002401-PA	Q7(Deamidated),N11(Deamidated)	104	1.53E-10	1	2283.257	4.91	Malpighian tubule	2R:+:20957191-20957253	exon=> In CDS Exon 3 of transcript AGAP002401-PA
JHU_Ag_113487	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	94	7.96E-09	1	1277.631	3.38	Larva	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_114004	IQSSNMLNQAR	AGAP002401-PA	M6(Oxidation)	80	1.57E-07	1	1277.628	0.7	Ovary	2R:+:20956914-20956946	exon=> In CDS Exon 2 of transcript AGAP002401-PA
JHU_Ag_10798	ASEQLQTNGVK	AGAP002404-PA	Q4(Deamidated),Q6(Deamidated)	39	0.002127247	2	1176.585	8.77	Ovary	2R:+:20970846-20970878	exon=> In CDS Exon 1 of transcript AGAP002404-PA
JHU_Ag_23586	SQQEDNQSIVQLR	AGAP002404-PA	-	51	0.000137143	2	1544.770	2.47	Malpighian tubule	2R:+:20972416-20972454	exon=> In CDS Exon 3 of transcript AGAP002404-PA
JHU_Ag_59057	SQQEDNQSIVQLR	AGAP002404-PA	-	47	0.000307848	2	1544.767	0.65	Ovary	2R:+:20972416-20972454	exon=> In CDS Exon 3 of transcript AGAP002404-PA
JHU_Ag_62350	TVVNDITLFKLELPTSNTAMAR	AGAP002404-PA	M20(Oxidation)	46	0.000188586	1	2450.305	3.69	Ovary	2R:+:20971305-20971370	exon=> In CDS Exon 1 of transcript AGAP002404-PA
JHU_Ag_73892	VSEDLNTQFR	AGAP002404-PA	-	49	0.000196117	2	1208.590	-0.72	Salivary gland	2R:+:20971843-20971872	exon=> In CDS Exon 3 of transcript AGAP002404-PA
JHU_Ag_97829	LSNAALQAELVDILK	AGAP002404-PA	-	46	8.83E-05	2	1597.923	4.22	Head	2R:+:20972506-20972526,20972612-20972635	exon=> In CDS Exon 3 and 4 of transcript AGAP002404-PA

JHU_Ag_63423	EFHTVVQAALETINEK	AGAP002406-PA	-	50	0.000120689	1	1828.947	1.79	Head	2R:+:20975446-20975493	exon=> In CDS Exon 3 of transcript AGAP002406-PA
JHU_Ag_69360	ARLIRPEQAK	AGAP002406-PA	Q8(Deamidated)	40	0.000337465	1	1182.700	3.79	Male reproductive organs	2R:+:20975066-20975095	exon=> In CDS Exon 1 of transcript AGAP002406-PA
JHU_Ag_22395	HTDVLILSQYVR	AGAP002407-PA	-	60	9.46E-06	2	1443.793	-1.71	Midgut	2R:-:20976229-20976194	exon=> In CDS Exon 2 of transcript AGAP002407-PA
JHU_Ag_64773	HTDVLILSQYVR	AGAP002407-PA	-	75	3.22E-07	1	1443.791	-3.06	Malpighian tubule	2R:-:20976229-20976194	exon=> In CDS Exon 2 of transcript AGAP002407-PA
JHU_Ag_75857	HTDVLILSQYVR	AGAP002407-PA	-	62	6.05E-06	1	1443.800	2.94	Ovary	2R:-:20976229-20976194	exon=> In CDS Exon 2 of transcript AGAP002407-PA
JHU_Ag_1283	MAIASLAAKEDE	AGAP002408-PA	-	53	9.27E-05	2	1248.614	-0.24	Midgut	2R:+:20978142-20978177	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_6101	VYDGLISEIDAIDNGVPMFEGGEPR	AGAP002408-PA	M18(Oxidation)	111	1.09E-10	1	2709.273	0.77	Ovary	2R:+:20977548-20977622	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_11207	VSGIAGSNFCHQTGFIGGNK	AGAP002408-PA	C10(Carbamidomethyl)	58	2.67E-05	1	2050.974	-1.34	Midgut	2R:+:20978061-20978120	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_11401	SLRPELNVK	AGAP002408-PA	-	31	0.003919595	1	1055.620	-0.74	Midgut	2R:+:20977392-20977418	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_11524	LSSAGLVYTYFGEEVIKR	AGAP002408-PA	-	39	0.001348254	1	2032.075	-0.21	Midgut	2R:+:20977431-20977484	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_13668	EHLYQLEQEQNLVGQAK	AGAP002408-PA	-	119	1.59E-11	1	2027.040	10.13	Ovary	2R:+:20977881-20977931	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_14448	LSSAGLVYTYFGEEVIKR	AGAP002408-PA	-	67	1.84E-06	1	2032.073	-1.02	Ovary	2R:+:20977431-20977484	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_27361	VICVPLQPASFVCR	AGAP002408-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	99	2.09E-09	1	1645.856	0.69	Ovary	2R:+:20977968-20978009	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_32105	YDHHQASFNDTLR	AGAP002408-PA	-	101	8.89E-10	1	1603.726	0.68	Ovary	2R:+:20977353-20977391	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_36079	VSGIAGSNFCHQTGFIGGNK	AGAP002408-PA	C10(Carbamidomethyl)	139	2.02E-13	1	2050.981	2.47	Ovary	2R:+:20978061-20978120	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_39341	YDHHQASFNDTLR	AGAP002408-PA	-	48	0.00016182	1	1603.725	-0.03	Head	2R:+:20977353-20977391	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_42002	VSGIAGSNFCHQTGFIGGNK	AGAP002408-PA	C10(Carbamidomethyl)	74	6.16E-07	1	2050.972	-2.17	Male reproductive organs	2R:+:20978061-20978120	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_43495	LDECDIVVDVGATFDR	AGAP002408-PA	C4(Carbamidomethyl)	44	0.000596368	2	1823.858	5.6	Midgut	2R:+:20977293-20977340	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_47222	LSSAGLVYTYFGEEVIK	AGAP002408-PA	-	64	5.44E-06	1	1875.971	-1.3	Ovary	2R:+:20977431-20977481	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_48045	EHLYQLEQEQNLVGQAK	AGAP002408-PA	-	115	4.48E-11	1	2027.030	5.31	Midgut	2R:+:20977881-20977931	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_49622	GVRDEELEK	AGAP002408-PA	-	52	0.000119199	1	1074.545	2.62	Male reproductive organs	2R:+:20978034-20978060	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_51282	HRYDHHQASFNDTLR	AGAP002408-PA	-	94	6.08E-09	1	1896.885	-0.17	Malpighian tubule	2R:+:20977347-20977391	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_52996	LSSAGLVYTYFGEEVIKR	AGAP002408-PA	-	42	0.000642877	1	2032.079	1.95	Salivary gland	2R:+:20977431-20977484	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_55365	FKDDLPTPASGTVK	AGAP002408-PA	-	46	0.000437033	2	1475.774	-0.26	Midgut	2R:+:20977137-20977178	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_60565	SLRPELNVK	AGAP002408-PA	-	44	0.000171491	1	1055.620	-0.85	Pupa	2R:+:20977392-20977418	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_61011	LSSAGLVYTYFGEEVIK	AGAP002408-PA	-	91	9.57E-09	1	1875.980	3.45	Salivary gland	2R:+:20977431-20977481	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_67601	SLRPELNVK	AGAP002408-PA	-	67	1.16E-06	1	1055.623	2.37	Ovary	2R:+:20977392-20977418	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_68889	LSSAGLVYTYFGEEVIK	AGAP002408-PA	-	48	0.000250815	1	1875.976	1.17	Malpighian tubule	2R:+:20977431-20977481	exon=> In CDS Exon 1 of transcript AGAP002408-PA

JHU_Ag_76965	EHLYQLEQEQNLVGQAK	AGAP002408-PA	-	70	1.39E-06	2	2027.013	-3.06	Male reproductive organs	2R:+:20977881-20977931	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_78163	GVRDEELEK	AGAP002408-PA	-	47	0.000378344	1	1074.543	0.58	Ovary	2R:+:20978034-20978060	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_78648	VYDGLISEIDAIDNGVPMFEGGEPR	AGAP002408-PA	M18(Oxidation)	47	0.00024521	1	2709.275	1.33	Malpighian tubule	2R:+:20977548-20977622	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_81345	VICVPLQPASFVCR	AGAP002408-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	70	1.76E-06	2	1645.858	1.5	Male reproductive organs	2R:+:20977968-20978009	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_84272	YNISTHLSGR	AGAP002408-PA	-	47	0.000410312	2	1147.586	0.02	Ovary	2R:+:20977623-20977652	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_85179	MAIASLAAKEDE	AGAP002408-PA	M1(Oxidation)	88	2.55E-08	2	1248.612	-2.09	Malpighian tubule	2R:+:20978142-20978177	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_87492	AYVGLEFVDK	AGAP002408-PA	-	75	4.03E-07	1	1140.594	0.71	Ovary	2R:+:20977728-20977757	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_89010	EHLYQLEQEQNLVGQAK	AGAP002408-PA	-	97	2.68E-09	1	2027.024	2.41	Head	2R:+:20977881-20977931	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_97091	MAIASLAAKEDE	AGAP002408-PA	M1(Oxidation)	88	2.44E-08	2	1264.607	-1.91	Ovary	2R:+:20978142-20978177	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_97645	SLRPELNVK	AGAP002408-PA	-	36	0.001259725	1	1055.625	3.66	Male reproductive organs	2R:+:20977392-20977418	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_101414	SLRPELNVK	AGAP002408-PA	-	48	8.09E-05	1	1055.622	1.5	Malpighian tubule	2R:+:20977392-20977418	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_110868	VICVPLQPASFVCR	AGAP002408-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	54	7.01E-05	1	1645.858	1.43	Salivary gland	2R:+:20977968-20978009	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_111411	AYVGLEFVDK	AGAP002408-PA	-	54	5.13E-05	2	1140.593	-0.9	Male reproductive organs	2R:+:20977728-20977757	exon=> In CDS Exon 1 of transcript AGAP002408-PA
JHU_Ag_3654	EWINDEGFRQPQQIQFQR	AGAP002409-PA	-	59	2.20E-05	1	2319.133	2.88	Ovary	2R:-:20979287-20979234	exon=> In CDS Exon 1 of transcript AGAP002409-PA
JHU_Ag_17621	YGIPTAPGLGLVLSR	AGAP002409-PA	-	29	0.003118459	1	1513.883	6.33	Malpighian tubule	2R:-:20978608-20978564	exon=> In CDS Exon 2 of transcript AGAP002409-PA
JHU_Ag_61694	TYTYTLPTIAFAPNEEKVDIQTYR	AGAP002409-PA	-	48	0.00017982	1	2834.449	8.42	Ovary	2R:-:20978983-20978912	exon=> In CDS Exon 2 of transcript AGAP002409-PA
JHU_Ag_68269	HIASTIVETELK	AGAP002409-PA	-	42	0.00035965	2	1340.742	-0.42	Midgut	2R:-:20978461-20978426	exon=> In CDS Exon 2 of transcript AGAP002409-PA
JHU_Ag_70796	LPDNLDIEALNSELPEDIR	AGAP002409-PA	-	105	5.31E-10	1	2166.089	-1.47	Midgut	2R:-:20979179-20979728,20978294-20979044	exon=> In CDS Exon 2 and 1 of transcript AGAP002409-PA
JHU_Ag_79781	RYGEDGCHETLEFEK	AGAP002409-PA	C7(Carbamidomethyl)	52	2.87E-05	1	1869.804	-1.76	Ovary	2R:-:20978539-20978495	exon=> In CDS Exon 2 of transcript AGAP002409-PA
JHU_Ag_95594	YGIPTAPGLGLVLSR	AGAP002409-PA	-	42	0.000241714	1	1513.873	-0.52	Midgut	2R:-:20978608-20978564	exon=> In CDS Exon 2 of transcript AGAP002409-PA
JHU_Ag_113588	YGIPTAPGLGLVLSR	AGAP002409-PA	-	32	0.001659485	1	1513.882	5.45	Ovary	2R:-:20978608-20978564	exon=> In CDS Exon 2 of transcript AGAP002409-PA
JHU_Ag_13276	APAFITYR	AGAP002412-PA	-	54	2.61E-05	1	938.509	-0.73	Ovary	2R:-:21021013-21020990	exon=> In CDS Exon 2 of transcript AGAP002412-PA
JHU_Ag_59640	APAFITYR	AGAP002412-PA	-	53	3.69E-05	2	938.509	-0.21	Pupa	2R:-:21021013-21020990	exon=> In CDS Exon 2 of transcript AGAP002412-PA
JHU_Ag_102275	HLANEYGVWR	AGAP002412-PA	-	34	0.004805276	1	1244.617	-0.1	Midgut	2R:-:21021082-21021053	exon=> In CDS Exon 2 of transcript AGAP002412-PA
JHU_Ag_112358	VDDEPPVAAAETESK	AGAP002412-PA	-	68	2.17E-06	2	1557.727	-0.79	Midgut	2R:-:21020989-21020945	exon=> In CDS Exon 2 of transcript AGAP002412-PA
JHU_Ag_747	DAVIAGLDAAEDLEQIYK	AGAP002413-PB	-	102	9.02E-10	2	1933.983	3.84	Male reproductive organs	2R:+:21027297-21027350	exon=> In CDS Exon 2 of transcript AGAP002413-PB
JHU_Ag_5131	YLDSAGNKLDYR	AGAP002413-PB	-	45	0.000459041	1	1414.699	1.68	Male reproductive organs	2R:+:21027351-21027386	exon=> In CDS Exon 2 of transcript AGAP002413-PB

JHU_Ag_5952	ELTQLLVDDINDNK	AGAP002413-PB	-	94	6.07E-09	2	1629.840	4.25	Malpighian tubule	2R:+:21028698-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_7067	TYTPLFEAFTTTDR	AGAP002413-PB	-	38	0.002821814	2	1662.806	3.18	Malpighian tubule	2R:+:21030121-21030162	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_7866	DAVIAGLDAAEDLEQIYK	AGAP002413-PB	-	132	1.05E-12	1	1933.980	2.32	Salivary gland	2R:+:21027297-21027350	exon=> In CDS Exon 2 of transcript AGAP002413-PB
JHU_Ag_7963	NHEQIFMR	AGAP002413-PB	M7(Oxidation)	40	0.001499267	1	1090.511	0.72	Ovary	2R:+:21027624-21027635,21027938-21027949	exon=> In CDS Exon 3 and 4 of transcript AGAP002413-PB
JHU_Ag_8503	ILIFIK	AGAP002413-PB	-	49	4.14E-06	2	746.517	-0.09	Pupa	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_8642	CIFAASEDMESMR	AGAP002413-PB	C1(Carbamidomethyl), M9(Oxidation), M12(Oxidation)	39	0.000265118	2	1578.626	1.44	Salivary gland	2R:+:21027585-21027623	exon=> In CDS Exon 3 of transcript AGAP002413-PB
JHU_Ag_11124	IVLLFYK	AGAP002413-PB	-	42	6.18E-05	1	895.565	-0.42	Salivary gland	2R:+:21030238-21030258	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_12001	AERPVLSGQR	AGAP002413-PB	-	46	0.00020948	1	1112.619	1.28	Ovary	2R:+:21026042-21026071	exon=> In CDS Exon 1 of transcript AGAP002413-PB
JHU_Ag_12274	TYTPLFEAFTTTDR	AGAP002413-PB	-	38	0.002357859	2	1662.804	1.49	Midgut	2R:+:21030121-21030162	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_12622	TIKDIIADTK	AGAP002413-PB	-	65	2.11E-06	1	1117.647	0.25	Ovary	2R:+:21029591-21029620	exon=> In CDS Exon 6 of transcript AGAP002413-PB
JHU_Ag_13081	IVLLFYK	AGAP002413-PB	-	40	8.93E-05	1	895.566	0.67	Ovary	2R:+:21030238-21030258	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_13312	ILIFIK	AGAP002413-PB	-	36	9.86E-05	2	746.519	2.12	Ovary	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_13331	KEELVTEQATK	AGAP002413-PB	-	74	7.29E-07	2	1275.679	-0.1	Pupa	2R:+:21030079-21030111	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_15262	GGNAPLVAALR	AGAP002413-PB	-	52	2.70E-05	1	1038.607	1.64	Malpighian tubule	2R:+:21028521-21028553	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_16434	RNEDYLK	AGAP002413-PB	-	35	0.005479367	1	937.472	-1.63	Malpighian tubule	2R:+:21028602-21028622	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_18050	RELTQLLVDDINDNK	AGAP002413-PB	-	89	1.39E-08	2	1785.940	3.45	Ovary	2R:+:21028695-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_18169	GGNAPLVAALR	AGAP002413-PB	-	69	5.46E-07	1	1038.609	3.17	Salivary gland	2R:+:21028521-21028553	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_19424	LLEFLPLNK	AGAP002413-PB	-	35	0.001059968	2	1086.660	3.93	Larva	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_22226	SQKAERPVLSGQR	AGAP002413-PB	N-Term(Acetyl)	62	5.56E-06	1	1497.813	-0.52	Malpighian tubule	2R:+:21026033-21026071	exon=> In CDS Exon 1 of transcript AGAP002413-PB
JHU_Ag_32266	TEVITEDSILK	AGAP002413-PB	-	43	0.000531738	2	1247.674	0.81	Pupa	2R:+:21030259-21030259,21030352-21030383	exon=> In CDS Exon 7 and 8 of transcript AGAP002413-PB
JHU_Ag_37953	LLEFLPLNKR	AGAP002413-PB	-	51	2.18E-05	1	1242.756	-0.63	Pupa	2R:+:21028575-21028604	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_38286	TEVITEDSILK	AGAP002413-PB	-	64	4.82E-06	2	1247.674	1.01	Ovary	2R:+:21030259-21030259,21030352-21030383	exon=> In CDS Exon 7 and 8 of transcript AGAP002413-PB
JHU_Ag_39640	ILIFIK	AGAP002413-PB	-	39	4.31E-05	1	746.519	2.61	Malpighian tubule	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_40181	LLEFLPLNK	AGAP002413-PB	-	52	2.35E-05	1	1086.659	2.69	Malpighian tubule	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB

JHU_Ag_43397	TEVITEDSILK	AGAP002413-PB	-	43	0.000654693	2	1247.677	3.36	Midgut	2R:+:21030259-21030259,21030352-21030383	exon=> In CDS Exon 7 and 8 of transcript AGAP002413-PB
JHU_Ag_44322	TIKDIIADTK	AGAP002413-PB	-	41	0.000514268	1	1117.646	-0.73	Midgut	2R:+:21029591-21029620	exon=> In CDS Exon 6 of transcript AGAP002413-PB
JHU_Ag_44984	GGNAPLVAALR	AGAP002413-PB	-	67	7.74E-07	1	1038.604	-1.06	Ovary	2R:+:21028521-21028553	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_45476	DAVIAGLDAAEDLEQIYK	AGAP002413-PB	-	107	3.35E-10	2	1933.978	1.19	Visceras	2R:+:21027297-21027350	exon=> In CDS Exon 2 of transcript AGAP002413-PB
JHU_Ag_45505	ELTQLLVDDINDNK	AGAP002413-PB	-	101	1.28E-09	2	1629.839	3.8	Pupa	2R:+:21028698-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_45848	TIKDIIADTK	AGAP002413-PB	-	58	9.86E-06	1	1117.648	1.02	Salivary gland	2R:+:21029591-21029620	exon=> In CDS Exon 6 of transcript AGAP002413-PB
JHU_Ag_45849	AERPVLSGQR	AGAP002413-PB	-	47	0.000179864	1	1112.616	-0.61	Malpighian tubule	2R:+:21026042-21026071	exon=> In CDS Exon 1 of transcript AGAP002413-PB
JHU_Ag_45861	GGNAPLVAALR	AGAP002413-PB	-	48	5.97E-05	2	1038.606	0.47	Pupa	2R:+:21028521-21028553	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_46764	TYTPLFEAFTTTDR	AGAP002413-PB	-	70	1.49E-06	2	1662.805	2.52	Head	2R:+:21030121-21030162	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_47852	ILIFIK	AGAP002413-PB	-	38	5.36E-05	2	746.517	-0.58	Midgut	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_49772	DAVIAGLDAAEDLEQIYK	AGAP002413-PB	-	126	4.18E-12	1	1933.980	2.26	Ovary	2R:+:21027297-21027350	exon=> In CDS Exon 2 of transcript AGAP002413-PB
JHU_Ag_49924	TYTPLFEAFTTTDR	AGAP002413-PB	-	73	8.39E-07	1	1662.808	4.14	Salivary gland	2R:+:21030121-21030162	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_51997	SGLDNRLLEFLPLNK	AGAP002413-PB	-	53	2.49E-05	1	1728.968	2.12	Ovary	2R:+:21028557-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_53183	SGLDNRLLEFLPLNK	AGAP002413-PB	-	78	7.35E-08	1	1728.966	1.17	Malpighian tubule	2R:+:21028557-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_54089	CIFAASEDMESMR	AGAP002413-PB	C1(Carbamidomethyl), M9(Oxidation), M12(Oxidation)	87	4.31E-09	1	1578.624	0.36	Ovary	2R:+:21027585-21027623	exon=> In CDS Exon 3 of transcript AGAP002413-PB
JHU_Ag_54151	NHEQIFMR	AGAP002413-PB	M7(Oxidation)	50	0.000104582	1	1090.510	-0.07	Salivary gland	2R:+:21027624-21027635,21027938-21027949	exon=> In CDS Exon 3 and 4 of transcript AGAP002413-PB
JHU_Ag_57026	ILIFIK	AGAP002413-PB	-	33	0.000168682	2	746.519	2.12	Male reproductive organs	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_57953	DLADIFK	AGAP002413-PB	-	44	0.000514473	1	821.442	1.76	Salivary gland	2R:+:21028641-21028661	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_57971	YGEVLFDILIAGGLLVPGGSISQDGEKPR	AGAP002413-PB	-	137	9.57E-14	1	3000.609	1.53	Ovary	2R:+:21027390-21027435,21027535-21027575	exon=> In CDS Exon 2 and 3 of transcript AGAP002413-PB
JHU_Ag_58969	LHMNQASQEAK	AGAP002413-PB	M3(Oxidation)	75	3.72E-07	1	1272.600	-0.11	Salivary gland	2R:+:21028662-21028694	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_59291	ELTQLLVDDINDNK	AGAP002413-PB	-	59	1.89E-05	2	1629.832	-0.47	Head	2R:+:21028698-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_64349	VQEFCYENMNFMK	AGAP002413-PB	C5(Carbamidomethyl), M9(Oxidation), M12(Oxidation),C5(Carbamidomethyl)	80	2.28E-08	1	1771.719	3.41	Salivary gland	2R:+:21030187-21030225	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_65042	TVLVEKDLADIFK	AGAP002413-PB	-	98	6.66E-10	1	1490.852	3.88	Ovary	2R:+:21028623-21028661	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_68731	IVLLFYK	AGAP002413-PB	-	45	3.05E-05	2	895.567	1.63	Visceras	2R:+:21030238-21030258	exon=> In CDS Exon 7 of transcript AGAP002413-PB

JHU_Ag_72752	VQEFCYENMNFMK	AGAP002413-PB	C5(Carbamidomethyl), M9(Oxidation), M12(Oxidation)	70	2.30E-07	1	1771.713	0.1	Male reproductive organs	2R:+:21030187-21030225	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_76538	ILIFIK	AGAP002413-PB	-	42	2.13E-05	2	746.517	-0.66	Visceras	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_76541	RELTQLLVDDINDNK	AGAP002413-PB	-	85	3.30E-08	1	1785.940	3.38	Midgut	2R:+:21028695-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_76841	LLEFLPLNKR	AGAP002413-PB	-	45	9.13E-05	1	1242.758	0.65	Male reproductive organs	2R:+:21028575-21028604	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_77932	LLEFLPLNK	AGAP002413-PB	-	34	0.001443088	1	1086.659	2.69	Head	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_78710	LLEFLPLNK	AGAP002413-PB	-	71	4.43E-07	1	1086.657	0.67	Ovary	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_80723	IVLLFYK	AGAP002413-PB	-	42	5.68E-05	2	895.566	0.47	Pupa	2R:+:21030238-21030258	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_81706	GGNAPLVAALRK	AGAP002413-PB	-	45	6.95E-05	1	1166.703	2.19	Ovary	2R:+:21028521-21028556	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_82721	TEVITEDSILK	AGAP002413-PB	-	39	0.001332657	2	1247.674	0.52	Salivary gland	2R:+:21030259-21030259,21030352-21030383	exon=> In CDS Exon 7 and 8 of transcript AGAP002413-PB
JHU_Ag_84123	TYTPLFEAFTTTDR	AGAP002413-PB	-	86	4.49E-08	2	1662.804	1.49	Ovary	2R:+:21030121-21030162	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_84580	KEELVTEQATK	AGAP002413-PB	-	91	1.44E-08	1	1275.674	-4.31	Head	2R:+:21030079-21030111	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_85173	ELTQLLVDDINDNK	AGAP002413-PB	-	90	1.38E-08	2	1629.834	0.28	Male reproductive organs	2R:+:21028698-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_88014	ILIFIK	AGAP002413-PB	-	37	6.59E-05	2	746.518	0.24	Head	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_88520	TEVITEDSILK	AGAP002413-PB	-	50	0.000111265	1	1247.671	-1.44	Male reproductive organs	2R:+:21030259-21030259,21030352-21030383	exon=> In CDS Exon 7 and 8 of transcript AGAP002413-PB
JHU_Ag_93370	VQEFCYENMNFMK	AGAP002413-PB	C5(Carbamidomethyl), M9(Oxidation), M12(Oxidation)	62	1.21E-06	1	1771.717	2.37	Ovary	2R:+:21030187-21030225	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_95837	LLEFLPLNK	AGAP002413-PB	-	54	2.23E-05	1	1086.654	-1.46	Male reproductive organs	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_96343	ELTQLLVDDINDNK	AGAP002413-PB	-	80	1.70E-07	2	1629.836	1.56	Visceras	2R:+:21028698-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_97487	DAVIAGLDAAEDLEQIYK	AGAP002413-PB	-	96	4.28E-09	2	1933.971	-2.41	Head	2R:+:21027297-21027350	exon=> In CDS Exon 2 of transcript AGAP002413-PB
JHU_Ag_99158	LLEFLPLNK	AGAP002413-PB	-	40	0.000464309	1	1086.656	0.56	Visceras	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_99862	GGNAPLVAALRK	AGAP002413-PB	-	67	4.93E-07	1	1166.701	0.1	Malpighian tubule	2R:+:21028521-21028556	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_100049	IVLLFYK	AGAP002413-PB	-	36	0.000224905	2	895.565	-0.56	Midgut	2R:+:21030238-21030258	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_100766	DIIADTK	AGAP002413-PB	-	50	0.000276041	1	775.420	0.74	Salivary gland	2R:+:21029600-21029620	exon=> In CDS Exon 6 of transcript AGAP002413-PB
JHU_Ag_101253	GGNAPLVAALR	AGAP002413-PB	-	53	1.88E-05	2	1038.605	-0.12	Male reproductive organs	2R:+:21028521-21028553	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_101889	RELTQLLVDDINDNK	AGAP002413-PB	-	103	6.57E-10	1	1785.932	-1.27	Head	2R:+:21028695-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB

JHU_Ag_106652	ELTQLLVDDINDNK	AGAP002413-PB	-	105	4.26E-10	1	1629.852	11.52	Ovary	2R:+:21028698-21028709,21029561-21029590	exon=> In CDS Exon 5 and 6 of transcript AGAP002413-PB
JHU_Ag_106992	ILIFIK	AGAP002413-PB	-	38	6.03E-05	2	746.517	-0.91	Salivary gland	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_108794	IVLLFYK	AGAP002413-PB	-	26	0.002443431	1	895.567	1.9	Malpighian tubule	2R:+:21030238-21030258	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_109881	TYTPLFEAFTTTDR	AGAP002413-PB	-	72	1.07E-06	1	1662.803	0.91	Male reproductive organs	2R:+:21030121-21030162	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_111603	DAVIAGLDAAEDLEQIYK	AGAP002413-PB	-	115	4.83E-11	2	1933.969	-3.36	Midgut	2R:+:21027297-21027350	exon=> In CDS Exon 2 of transcript AGAP002413-PB
JHU_Ag_112208	LLEFLPLNK	AGAP002413-PB	-	34	0.001806275	2	1086.666	9.77	Midgut	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_112289	IVLLFYK	AGAP002413-PB	-	41	8.69E-05	2	895.565	-0.35	Male reproductive organs	2R:+:21030238-21030258	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_112533	TEVITEDSILK	AGAP002413-PB	-	39	0.00150967	2	1247.674	1.01	Head	2R:+:21030259-21030259,21030352-21030383	exon=> In CDS Exon 7 and 8 of transcript AGAP002413-PB
JHU_Ag_114209	LLEFLPLNKR	AGAP002413-PB	-	46	7.40E-05	1	1242.756	-1.11	Ovary	2R:+:21028575-21028604	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_115346	TYTPLFEAFTTTDR	AGAP002413-PB	-	86	4.28E-08	1	1662.806	3.11	Pupa	2R:+:21030121-21030162	exon=> In CDS Exon 7 of transcript AGAP002413-PB
JHU_Ag_116370	LLEFLPLNK	AGAP002413-PB	-	49	7.04E-05	2	1086.656	0.45	Pupa	2R:+:21028575-21028601	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_116829	LLEFLPLNKR	AGAP002413-PB	-	50	1.73E-05	1	1242.762	4.19	Salivary gland	2R:+:21028575-21028604	exon=> In CDS Exon 5 of transcript AGAP002413-PB
JHU_Ag_117322	ILIFIK	AGAP002413-PB	-	26	0.000937709	2	746.519	2.28	Larva	2R:+:21028004-21028021	exon=> In CDS Exon 4 of transcript AGAP002413-PB
JHU_Ag_6307	GLVTDSAGYPIKDADVIVSGIDR	AGAP002414-PA	-	65	3.45E-06	1	2361.233	1.17	Head	2R:-:21039717-21039649	exon=> In CDS Exon 4 of transcript AGAP002414-PA
JHU_Ag_11395	YNAANVDLNR	AGAP002414-PA	-	79	2.30E-07	2	1149.566	0.84	Pupa	2R:-:21040413-21040384	exon=> In CDS Exon 2 of transcript AGAP002414-PA
JHU_Ag_14096	VDQPLQVNFSLK	AGAP002414-PA	-	38	0.002042164	2	1387.756	-1.81	Pupa	2R:-:21039455-21039420	exon=> In CDS Exon 5 of transcript AGAP002414-PA
JHU_Ag_22389	LLENAVLHFVPVKNDFEEVMAQFR	AGAP002414-PA	M20(Oxidation)	41	0.000543017	1	2861.489	8.23	Larva	2R:-:21035405-21035334	exon=> In CDS Exon 9 of transcript AGAP002414-PA
JHU_Ag_37137	EPLLIK	AGAP002414-PA	-	24	0.001854439	1	712.460	-0.18	Midgut	2R:-:21035423-21035406	exon=> In CDS Exon 9 of transcript AGAP002414-PA
JHU_Ag_45499	SNNELLDLLAHLQK	AGAP002414-PA	-	82	4.34E-08	2	1607.880	3.16	Head	2R:-:21044489-21044448	exon=> In CDS Exon 1 of transcript AGAP002414-PA
JHU_Ag_47955	LLTPGQYNVR	AGAP002414-PA	-	35	0.003527171	2	1160.641	-0.75	Pupa	2R:-:21039612-21039583	exon=> In CDS Exon 4 of transcript AGAP002414-PA
JHU_Ag_52487	YNAANVDLNR	AGAP002414-PA	-	66	4.43E-06	2	1149.563	-1.6	Head	2R:-:21040413-21040384	exon=> In CDS Exon 2 of transcript AGAP002414-PA
JHU_Ag_60305	DFPDRFDDER	AGAP002414-PA	-	42	0.000363208	1	1311.561	0.94	Head	2R:-:21040383-21040354	exon=> In CDS Exon 2 of transcript AGAP002414-PA
JHU_Ag_63130	SNNELLDLLAHLQK	AGAP002414-PA	-	35	0.002020733	1	1607.879	2.21	Pupa	2R:-:21044489-21044448	exon=> In CDS Exon 1 of transcript AGAP002414-PA
JHU_Ag_63272	LLENAVLHFVPVK	AGAP002414-PA	-	40	0.000185366	1	1478.875	1.4	Salivary gland	2R:-:21035405-21035367	exon=> In CDS Exon 9 of transcript AGAP002414-PA
JHU_Ag_69658	VEAVGYYPSEPVTVQVK	AGAP002414-PA	-	67	3.15E-06	1	1864.969	-0.2	Midgut	2R:-:21039582-21039717,21039401-21039456	exon=> In CDS Exon 5 and 4 of transcript AGAP002414-PA
JHU_Ag_74799	AADGSHDLDESFLQQPHYR	AGAP002414-PA	-	143	5.24E-14	1	2185.986	-1.69	Head	2R:-:21044546-21044490	exon=> In CDS Exon 1 of transcript AGAP002414-PA

JHU_Ag_92315	VEAVGYYPSEPVTVQVK	AGAP002414-PA	-	81	1.12E-07	1	1864.972	1.63	Head	2R:-:21039582-21039717,21039401-21039456	exon=> In CDS Exon 5 and 4 of transcript AGAP002414-PA
JHU_Ag_97056	SNNELLDLLAHLQK	AGAP002414-PA	-	49	8.78E-05	1	1607.887	7.26	Salivary gland	2R:-:21044489-21044448	exon=> In CDS Exon 1 of transcript AGAP002414-PA
JHU_Ag_106541	SNNELLDLLAHLQK	AGAP002414-PA	-	62	3.77E-06	2	1607.882	4.3	Midgut	2R:-:21044489-21044448	exon=> In CDS Exon 1 of transcript AGAP002414-PA
JHU_Ag_108233	VHTIGQSR	AGAP002414-PA	-	30	0.005585325	1	897.490	-0.57	Head	2R:-:21044426-21044403	exon=> In CDS Exon 1 of transcript AGAP002414-PA
JHU_Ag_111485	EGVCESPPDYVGR	AGAP002414-PA	C4(Carbamidomethyl)	37	0.001157603	1	1464.643	0.21	Head	2R:-:21040452-21040414	exon=> In CDS Exon 2 of transcript AGAP002414-PA
JHU_Ag_113236	LVHVGVK	AGAP002414-PA	-	35	0.000204604	1	751.483	1.25	Head	2R:-:21039812-21039792	exon=> In CDS Exon 3 of transcript AGAP002414-PA
JHU_Ag_117808	VEAVGYYPSEPVTVQVK	AGAP002414-PA	-	70	1.29E-06	2	1864.973	2.16	Pupa	2R:-:21039582-21039717,21039401-21039456	exon=> In CDS Exon 5 and 4 of transcript AGAP002414-PA
JHU_Ag_80869	TPAEFLQLLGR	AGAP002418-PA	-	57	1.81E-05	2	1244.701	1.23	Head	2R:+:21054879-21054888,21054977-21054999	exon=> In CDS Exon 1 and 2 of transcript AGAP002418-PA
JHU_Ag_61613	TMEQSSPYAYVPFSAGPR	AGAP002419-PA	M2(Oxidation)	57	3.04E-05	1	2003.920	1.39	Midgut	2R:+:21067240-21067293	exon=> In CDS Exon 3 of transcript AGAP002419-PA
JHU_Ag_65072	ILDQFIEVFHK	AGAP002419-PA	-	96	2.93E-09	1	1388.757	0.12	Midgut	2R:+:21066277-21066309	exon=> In CDS Exon 2 of transcript AGAP002419-PA
JHU_Ag_75186	RFTENVELGGK	AGAP002419-PA	-	38	0.002129422	2	1249.654	0.31	Midgut	2R:+:21067018-21067042,21067121-21067128	exon=> In CDS Exon 2 and 3 of transcript AGAP002419-PA
JHU_Ag_43096	ITYHGALPASLNF	AGAP002421-PA	-	50	0.000190921	1	1403.735	2.46	Head	2R:-:21072642-21072604	exon=> In CDS Exon 5 of transcript AGAP002421-PA
JHU_Ag_88177	ATPYLHNGVVYVGDEDHYAVPQFGILSR	AGAP002421-PA	-	30	0.009723827	1	3117.577	10.96	Malpighian tubule	2R:-:21073168-21073336,21072601-21073000	exon=> In CDS Exon 5 and 4 of transcript AGAP002421-PA
JHU_Ag_42144	MLNALGVIVSGR	AGAP002426-PA	M1(Oxidation)	68	1.63E-06	2	1245.700	1.54	Male reproductive organs	2R:-:21208710-21208675	exon=> In CDS Exon 1 of transcript AGAP002426-PA
JHU_Ag_113001	KNIPEPK	AGAP002427-PA	N2(Deamidated)	54	2.30E-05	2	826.479	14.07	Male reproductive organs	2R:+:21224058-21224078	exon=> In CDS Exon 4 of transcript AGAP002427-PA
JHU_Ag_53152	ITMANAESGADQADR	AGAP002428-PB	M3(Oxidation)	112	4.49E-11	1	1565.686	-0.18	Head	2R:-:21212841-21212797	exon=> In CDS Exon 2 of transcript AGAP002428-PB
JHU_Ag_85915	ITMANAESGADQADR	AGAP002428-PB	-	116	2.51E-11	1	1549.691	0.08	Malpighian tubule	2R:-:21212841-21212797	exon=> In CDS Exon 2 of transcript AGAP002428-PB
JHU_Ag_43264	YPFRPPTEIVEVYR	AGAP002429-PA	-	37	0.002521546	1	1765.938	5.91	Male reproductive organs	2R:-:21228276-21228235	exon=> In CDS Exon 1 of transcript AGAP002429-PA
JHU_Ag_82459	VACLSEDNFQQADR	AGAP002429-PA	C3(Carbamidomethyl)	105	2.73E-10	1	1652.734	0.33	Male reproductive organs	2R:-:21226942-21226901	exon=> In CDS Exon 6 of transcript AGAP002429-PA
JHU_Ag_85731	FGVTNLINAQGAK	AGAP002429-PA	-	73	5.31E-07	2	1332.727	-0.27	Male reproductive organs	2R:-:21228216-21228741,21227897-21228075	exon=> In CDS Exon 2 and 1 of transcript AGAP002429-PA
JHU_Ag_20525	NIQHLTLCETR	AGAP002430-PA	C8(Carbamidomethyl)	59	1.92E-05	1	1384.697	-2.26	Head	2R:+:21261221-21261253	exon=> In CDS Exon 3 of transcript AGAP002430-PA
JHU_Ag_57399	NIIIK	AGAP002434-PA	-	32	0.003397786	1	600.407	-1	Midgut	2R:+:21372968-21372982	exon=> In CDS Exon 6 of transcript AGAP002434-PA
JHU_Ag_95505	NIIIK	AGAP002434-PA	-	30	0.005226321	1	600.410	2.76	Larva	2R:+:21372968-21372982	exon=> In CDS Exon 6 of transcript AGAP002434-PA
JHU_Ag_602	NAIIVIDASPFR	AGAP002437-PA	-	94	3.94E-09	2	1315.737	0.13	Midgut	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_1420	QWYESHYLLPLGK	AGAP002437-PA	-	85	3.96E-08	1	1633.854	10.14	Malpighian tubule	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA

JHU_Ag_2293	ARIIDVVYNASNNELIR	AGAP002437-PA	-	63	3.72E-06	3	1960.068	3.42	Malpighian tubule	2R:-:21382942-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_2520	IIDVVYNASNNELIR	AGAP002437-PA	-	86	2.82E-08	2	1732.923	0	Midgut	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_5022	IIDVVYNASNNELIR	AGAP002437-PA	-	121	1.00E-11	1	1732.922	-0.35	Head	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_7712	AGEEDVLSK	AGAP002437-PA	-	64	5.92E-06	2	947.469	0.51	Salivary gland	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_8709	QWYESHYLLPLGK	AGAP002437-PA	-	93	7.95E-09	1	1633.839	0.96	Midgut	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_9565	QWYESHYLLPLGK	AGAP002437-PA	-	61	1.35E-05	1	1633.840	1.85	Salivary gland	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_10755	QWYESHYLLPLGK	AGAP002437-PA	-	80	1.44E-07	1	1633.848	6.64	Head	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_11220	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	58	1.52E-05	1	1513.828	1.02	Salivary gland	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_12030	KYELGRPAANTK	AGAP002437-PA	-	51	9.14E-05	2	1347.740	1.53	Pupa	2R:-:21383191-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_12488	IDPAVEEQFNAGR	AGAP002437-PA	-	113	7.18E-11	1	1445.705	1.9	Malpighian tubule	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_13757	IIDVVYNASNNELIR	AGAP002437-PA	-	116	2.55E-11	2	1732.929	3.67	Larva	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_13818	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	38	0.001340071	2	1513.831	2.98	Head	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_14082	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	76	2.34E-07	1	1513.826	-0.56	Male reproductive organs	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_14566	ADGYILEGKELEFYLK	AGAP002437-PA	-	112	7.64E-11	1	1887.980	3.36	Malpighian tubule	2R:-:21382286-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_14765	ADGYILEGK	AGAP002437-PA	-	79	2.01E-07	2	965.492	-2.4	Male reproductive organs	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_16040	ADGYILEGK	AGAP002437-PA	-	39	0.001953064	2	965.494	0.13	Pupa	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_16788	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	113	3.53E-11	1	1613.705	1.95	Male reproductive organs	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_17841	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	108	1.15E-10	1	1613.704	1.57	Visceras	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_18795	ELKAGEEDVLSK	AGAP002437-PA	-	53	9.03E-05	1	1317.693	2.43	Male reproductive organs	2R:-:21382792-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_19857	KYELGRPAANTK	AGAP002437-PA	-	48	0.000222951	2	1347.736	-1.37	Midgut	2R:-:21383191-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_19973	IDPAVEEQFNAGR	AGAP002437-PA	-	102	8.94E-10	1	1445.702	0.04	Head	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_20820	NAIIVIDASPFR	AGAP002437-PA	-	96	2.39E-09	1	1315.740	2.08	Salivary gland	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_22584	IDPAVEEQFNAGRLLACISSRPGQVGR	AGAP002437-PA	C17(Carbamidomethyl)	53	4.09E-05	1	2940.523	4.03	Malpighian tubule	2R:-:21382702-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_23244	ALRLDSGNFAWGSEGMAR	AGAP002437-PA	M16(Oxidation)	40	0.001668521	1	1953.926	1.06	Salivary gland	2R:-:21382999-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_24311	ELEFYLK	AGAP002437-PA	-	44	0.000322174	1	941.501	3.34	Head	2R:-:21382259-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_25766	YELGRPAANTK	AGAP002437-PA	-	51	0.000112011	2	1219.644	1.19	Malpighian tubule	2R:-:21383188-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA

JHU_Ag_26334	NAIIVIDASPFR	AGAP002437-PA	N1(Deamidated)	85	3.02E-08	1	1315.740	2.36	Pupa	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_28144	IDPAVEEQFNAGR	AGAP002437-PA	-	116	2.99E-11	1	1445.701	-0.72	Salivary gland	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_28421	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	63	5.09E-06	1	1513.826	-0.56	Pupa	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_29143	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	112	4.48E-11	1	1613.708	3.91	Larva	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_30104	KYELGRPAANTK	AGAP002437-PA	-	75	3.21E-07	1	1347.742	2.88	Head	2R:-:21383191-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_33444	ALRLDSGNFAWGSEGMAR	AGAP002437-PA	M16(Oxidation)	59	2.11E-05	1	1953.928	2.28	Male reproductive organs	2R:-:21382999-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_33512	ELEFYLK	AGAP002437-PA	-	34	0.003181	1	941.503	5.87	Larva	2R:-:21382259-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_34353	NAIIVIDASPFR	AGAP002437-PA	-	90	9.37E-09	1	1315.737	0.13	Male reproductive organs	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_34497	ADGYILEGK	AGAP002437-PA	-	47	0.000289384	2	965.495	1.65	Larva	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_35344	QWYESHYLLPLGK	AGAP002437-PA	-	65	5.15E-06	1	1633.838	0.51	Ovary	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_35859	IIDVVYNASNNELIR	AGAP002437-PA	-	111	8.80E-11	2	1732.925	1.2	Male reproductive organs	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_38246	AGEEDVLSK	AGAP002437-PA	-	66	4.45E-06	1	947.468	0.01	Malpighian tubule	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_39814	ADGYILEGK	AGAP002437-PA	-	61	1.22E-05	2	965.496	2.4	Head	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_41216	QWYESHYLLPLGK	AGAP002437-PA	-	85	5.38E-08	1	1633.840	1.78	Male reproductive organs	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_46494	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	70	1.08E-06	1	1513.826	-0.8	Ovary	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_46565	IIDVVYNASNNELIR	AGAP002437-PA	-	118	1.61E-11	1	1732.930	3.94	Malpighian tubule	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_47055	AGEEDVLSK	AGAP002437-PA	-	53	7.16E-05	2	947.469	0.51	Visceras	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_47225	IDPAVEEQFNAGR	AGAP002437-PA	-	97	3.21E-09	1	1445.707	3.25	Larva	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_48199	AGEEDVLSK	AGAP002437-PA	-	57	3.43E-05	1	947.467	-0.7	Midgut	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_48655	YELGRPAANTK	AGAP002437-PA	-	45	0.000469869	2	1219.643	0.18	Ovary	2R:-:21383188-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_49648	ADGYILEGK	AGAP002437-PA	-	50	0.000181803	2	965.494	-0.31	Ovary	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_49734	IDPAVEEQFNAGR	AGAP002437-PA	-	112	8.22E-11	1	1445.703	0.47	Pupa	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_50275	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	59	1.12E-05	1	1513.827	0.11	Visceras	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_50692	ELEFYLK	AGAP002437-PA	-	38	0.001436 01	1	941.498	-0.16	Midgut	2R:-:21382259-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_50784	IDPAVEEQFNAGR	AGAP002437-PA	-	67	2.94E-06	2	1445.703	0.38	Midgut	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_52151	ADGYILEGKELEFYLK	AGAP002437-PA	-	39	0.001548496	1	1887.974	0.09	Salivary gland	2R:-:21382286-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA

JHU_Ag_52563	ELEFYLK	AGAP002437-PA	-	40	0.000776529	1	941.498	-0.22	Male reproductive organs	2R:-:21382259-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_54435	ELKAGEEDVLSK	AGAP002437-PA	-	39	0.001798992	1	1317.692	1.88	Malpighian tubule	2R:-:21382792-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_58388	KYELGRPAANTK	AGAP002437-PA	-	61	9.38E-06	2	1347.743	3.97	Larva	2R:-:21383191-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_59033	QWYESHYLLPLGK	AGAP002437-PA	-	76	4.24E-07	1	1633.839	1.29	Visceras	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_59398	YELGRPAANTK	AGAP002437-PA	-	57	2.85E-05	1	1219.643	-0.02	Pupa	2R:-:21383188-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_62263	ELKAGEEDVLSK	AGAP002437-PA	-	69	2.03E-06	2	1317.688	-1.27	Visceras	2R:-:21382792-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_64033	ADGYILEGK	AGAP002437-PA	-	55	5.54E-05	1	965.494	-0.19	Salivary gland	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_65009	KYELGRPAANTK	AGAP002437-PA	-	59	1.64E-05	1	1347.739	1.07	Malpighian tubule	2R:-:21383191-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_65071	ADGYILEGK	AGAP002437-PA	-	61	1.38E-05	2	965.492	-2.08	Visceras	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_65107	IIDVVYNASNNELIR	AGAP002437-PA	-	125	3.53E-12	1	1732.925	1.09	Pupa	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_65581	KYELGRPAANTK	AGAP002437-PA	-	67	2.58E-06	1	1347.738	-0.1	Visceras	2R:-:21383191-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_67391	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	81	7.17E-08	1	1513.829	1.68	Malpighian tubule	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_67401	NAIIVIDASPFR	AGAP002437-PA	-	81	8.44E-08	1	1315.738	1.06	Ovary	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_68002	NAIIVIDASPFR	AGAP002437-PA	-	96	1.73E-09	1	1315.744	5.05	Larva	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_68353	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	47	0.000190164	1	1513.832	3.38	Larva	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_69254	IDPAVEEQFNAGR	AGAP002437-PA	-	106	3.57E-10	1	1445.704	1.14	Visceras	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_71142	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	112	4.01E-11	1	1613.702	0.66	Salivary gland	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_71252	AGEEDVLSK	AGAP002437-PA	-	65	5.57E-06	2	947.470	2.05	Larva	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_71726	AGEEDVLSK	AGAP002437-PA	-	52	0.000106295	2	947.467	-0.78	Ovary	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_71987	IIDVVYNASNNELIR	AGAP002437-PA	-	119	1.32E-11	2	1732.924	0.57	Visceras	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_72533	YELGRPAANTK	AGAP002437-PA	-	47	0.00027924	1	1219.643	-0.02	Midgut	2R:-:21383188-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_73789	ELEFYLKK	AGAP002437-PA	-	36	0.001566439	1	1069.592	-0.49	Midgut	2R:-:21382259-21382236	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_75614	NAIIVIDASPFR	AGAP002437-PA	-	84	3.93E-08	1	1315.740	2.27	Head	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_80334	NAIIVIDASPFR	AGAP002437-PA	-	75	2.45E-07	2	1315.742	4.03	Malpighian tubule	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_80536	IIDVVYNASNNELIR	AGAP002437-PA	-	99	1.48E-09	1	1732.922	-0.56	Salivary gland	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_82453	IDPAVEEQFNAGR	AGAP002437-PA	Q8(Deamidated)	106	3.49E-10	1	1445.700	-1.05	Ovary	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_82750	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	93	3.25E-09	1	1613.704	1.42	Pupa	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA

JHU_Ag_84060	IIDVVYNASNNELIRTK	AGAP002437-PA	-	55	1.87E-05	1	1962.072	3.35	Malpighian tubule	2R:-:21382936-21382886	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_84398	NAKIDPAVEEQFNAGR	AGAP002437-PA	-	77	2.88E-07	2	1758.880	1.51	Malpighian tubule	2R:-:21382711-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_85280	YELGRPAANTK	AGAP002437-PA	-	56	3.69E-05	1	1219.646	2.39	Larva	2R:-:21383188-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_85559	ELEFYLK	AGAP002437-PA	-	46	0.000223404	1	941.499	1.33	Pupa	2R:-:21382259-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_86425	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	109	9.73E-11	1	1613.703	1.04	Ovary	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_86832	AGEEDVLSK	AGAP002437-PA	-	66	4.09E-06	2	947.472	4.37	Head	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_87212	KYELGRPAANTK	AGAP002437-PA	-	55	4.26E-05	2	1347.729	-6.44	Male reproductive organs	2R:-:21383191-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_87218	ALRLDSGNFAWGSEGMAR	AGAP002437-PA	M16(Oxidation)	65	5.75E-06	1	1937.935	3.08	Malpighian tubule	2R:-:21382999-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_88581	IDPAVEEQFNAGR	AGAP002437-PA	N10(Deamidated)	111	1.22E-10	1	1445.703	0.97	Male reproductive organs	2R:-:21382702-21382664	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_88595	ELEFYLKK	AGAP002437-PA	-	48	0.000107378	1	1069.594	1.1	Visceras	2R:-:21382259-21382236	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_88701	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	107	1.53E-10	1	1597.706	-0.3	Midgut	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_90717	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	105	2.53E-10	1	1597.708	1.07	Malpighian tubule	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_91782	LLACISSRPGQVGR	AGAP002437-PA	C4(Carbamidomethyl)	47	0.000198713	2	1513.826	-0.73	Midgut	2R:-:21382663-21383056,21382212-21382287	exon=> In CDS Exon 4 and 3 of transcript AGAP002437-PA
JHU_Ag_94742	ADGYILEGKELEFYLK	AGAP002437-PA	-	39	0.001585555	3	1887.978	2.03	Visceras	2R:-:21382286-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_96056	AGEEDVLSK	AGAP002437-PA	-	67	2.84E-06	2	947.469	0.83	Male reproductive organs	2R:-:21382783-21382757	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_97430	IGATRVHFVR	AGAP002437-PA	-	40	0.000475302	1	1155.675	0.11	Malpighian tubule	2R:-:21383056-21383027	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_97546	NAIIVIDASPFRQWYESHYLLPLGK	AGAP002437-PA	-	123	2.00E-12	1	2930.569	4.14	Malpighian tubule	2R:-:21382873-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_97586	NAIIVIDASPFR	AGAP002437-PA	-	77	2.13E-07	1	1315.740	2.55	Visceras	2R:-:21382873-21382838	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_102076	ADGYILEGK	AGAP002437-PA	-	47	0.000302326	2	965.496	2.28	Malpighian tubule	2R:-:21382286-21382260	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_106247	LDSGNFAWGSEGMAR	AGAP002437-PA	M13(Oxidation)	96	2.07E-09	1	1613.708	4.14	Head	2R:-:21382990-21382946	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_106463	YELGRPAANTK	AGAP002437-PA	-	56	3.83E-05	1	1219.644	0.58	Visceras	2R:-:21383188-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_107336	IIDVVYNASNNELIR	AGAP002437-PA	-	116	2.93E-11	1	1732.924	0.88	Ovary	2R:-:21382936-21382892	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_108343	YELGRPAANTK	AGAP002437-PA	-	60	1.50E-05	1	1219.643	-0.42	Head	2R:-:21383188-21383156	exon=> In CDS Exon 2 of transcript AGAP002437-PA
JHU_Ag_111138	QWYESHYLLPLGK	AGAP002437-PA	-	86	4.64E-08	1	1633.842	2.97	Pupa	2R:-:21382837-21382799	exon=> In CDS Exon 3 of transcript AGAP002437-PA
JHU_Ag_113196	ADGYILEGKELEFYLK	AGAP002437-PA	-	81	9.77E-08	1	1887.977	1.64	Ovary	2R:-:21382286-21382239	exon=> In CDS Exon 4 of transcript AGAP002437-PA
JHU_Ag_62617	FATLCDLIEHYK	AGAP002438-PA,AGAP002438-PB	C5(Carbamidomethyl)	44	0.000522103	1	1509.742	0.7	Head	2R:-:21395270-21395235;2R:-:21395270-21395235	exon=> In CDS Exon 5 of transcript AGAP002438-PA;exon=> In CDS Exon 2 of transcript AGAP002438-PB

JHU_Ag_92908	FATLCDLIEHYKR	AGAP002438-PA,AGAP002438-PB	C5(Carbamidomethyl)	38	0.002592546	1	1665.844	1.05	Pupa	2R:-:21395270-21395232;2R:-:21395270-21395232	exon=> In CDS Exon 5 of transcript AGAP002438-PA;exon=> In CDS Exon 2 of transcript AGAP002438-PB
JHU_Ag_112235	DVDSTVPGADYINANYIR	AGAP002438-PA,AGAP002438-PB	-	46	0.000458182	2	1982.950	2.28	Head	2R:-:21391777-21391724;2R:-:21391777-21391724	exon=> In CDS Exon 6 of transcript AGAP002438-PA;exon=> In CDS Exon 3 of transcript AGAP002438-PB
JHU_Ag_10673	TPFLLVGTQIDLRDENSTLEK	AGAP002440-PA	-	58	1.48E-05	1	2389.263	0.83	Visceras	2R:-:21425545-21425483	exon=> In CDS Exon 3 of transcript AGAP002440-PA
JHU_Ag_17093	TPFLLVGTQIDLRDENSTLEK	AGAP002440-PA	-	90	8.04E-09	1	2389.270	3.9	Malpighian tubule	2R:-:21425545-21425483	exon=> In CDS Exon 3 of transcript AGAP002440-PA
JHU_Ag_37523	QKPITLEQGEK	AGAP002440-PA	-	44	0.000442958	2	1270.696	-3.04	Head	2R:-:21425467-21425435	exon=> In CDS Exon 3 of transcript AGAP002440-PA
JHU_Ag_43132	TPFLLVGTQIDLRDENSTLEK	AGAP002440-PA	-	79	1.05E-07	1	2389.263	0.91	Midgut	2R:-:21425545-21425483	exon=> In CDS Exon 3 of transcript AGAP002440-PA
JHU_Ag_52391	NVFDEAILAALEPPEPTK	AGAP002440-PA	-	73	5.24E-07	1	1954.018	0.68	Midgut	2R:-:21425266-21425213	exon=> In CDS Exon 4 of transcript AGAP002440-PA
JHU_Ag_62216	QKPITLEQGEK	AGAP002440-PA	-	55	3.25E-05	1	1270.701	0.51	Malpighian tubule	2R:-:21425467-21425435	exon=> In CDS Exon 3 of transcript AGAP002440-PA
JHU_Ag_65464	YVECSALTQK	AGAP002440-PA	C4(Carbamidomethyl)	74	4.44E-07	1	1198.579	1.25	Malpighian tubule	2R:-:21425407-21425578,21425189-21425276	exon=> In CDS Exon 4 and 3 of transcript AGAP002440-PA
JHU_Ag_69362	LRPLSYPQTDVFLVCFSVVSPSSFENVK	AGAP002440-PA	C15(Carbamidomethyl)	81	6.94E-08	1	3215.647	0.59	Head	2R:-:21425758-21425675	exon=> In CDS Exon 2 of transcript AGAP002440-PA
JHU_Ag_83832	NVFDEAILAALEPPEPTKK	AGAP002440-PA	-	44	0.000285536	1	2082.116	1.84	Head	2R:-:21425266-21425210	exon=> In CDS Exon 4 of transcript AGAP002440-PA
JHU_Ag_91105	NVFDEAILAALEPPEPTKK	AGAP002440-PA	-	103	3.75E-10	2	2082.117	2.46	Midgut	2R:-:21425266-21425210	exon=> In CDS Exon 4 of transcript AGAP002440-PA
JHU_Ag_100072	NVFDEAILAALEPPEPTKK	AGAP002440-PA	-	68	1.37E-06	1	2082.114	1.17	Malpighian tubule	2R:-:21425266-21425210	exon=> In CDS Exon 4 of transcript AGAP002440-PA
JHU_Ag_101608	TPFLLVGTQIDLR	AGAP002440-PA	-	82	2.73E-08	1	1472.849	1.41	Head	2R:-:21425545-21425507	exon=> In CDS Exon 3 of transcript AGAP002440-PA
JHU_Ag_104361	QKPITLEQGEKLAK	AGAP002440-PA	-	37	0.000760839	1	1582.920	2.59	Malpighian tubule	2R:-:21425467-21425426	exon=> In CDS Exon 3 of transcript AGAP002440-PA
JHU_Ag_104573	NVFDEAILAALEPPEPTK	AGAP002440-PA	-	46	0.000229503	1	1954.029	6.25	Malpighian tubule	2R:-:21425266-21425213	exon=> In CDS Exon 4 of transcript AGAP002440-PA
JHU_Ag_106525	YVECSALTQK	AGAP002440-PA	C4(Carbamidomethyl)	39	0.001276887	2	1198.578	0.23	Male reproductive organs	2R:-:21425407-21425578,21425189-21425276	exon=> In CDS Exon 4 and 3 of transcript AGAP002440-PA
JHU_Ag_108550	YVECSALTQK	AGAP002440-PA	C4(Carbamidomethyl)	69	1.52E-06	1	1198.579	1.56	Salivary gland	2R:-:21425407-21425578,21425189-21425276	exon=> In CDS Exon 4 and 3 of transcript AGAP002440-PA
JHU_Ag_111034	NVFDEAILAALEPPEPTK	AGAP002440-PA	-	74	4.28E-07	1	1954.019	1.06	Head	2R:-:21425266-21425213	exon=> In CDS Exon 4 of transcript AGAP002440-PA
JHU_Ag_20661	YAAPAVSVVHAAPAPVLK	AGAP002442-PA	-	135	6.17E-14	1	1761.009	1.83	Head	2R:-:21445843-21445790	exon=> In CDS Exon 2 of transcript AGAP002442-PA
JHU_Ag_37859	YAVAPAPIVK	AGAP002442-PA	-	38	0.000930623	1	1028.615	1.14	Head	2R:-:21445789-21445760	exon=> In CDS Exon 2 of transcript AGAP002442-PA
JHU_Ag_64749	AVAPAATSYATIHQVHAPVVHAAPVVK	AGAP002442-PA	-	148	2.99E-15	1	2705.493	1.71	Head	2R:-:21445759-21445679	exon=> In CDS Exon 2 of transcript AGAP002442-PA
JHU_Ag_72562	YAAPAPVVSYVHSAPAVVAHAPAPLLK	AGAP002442-PA	-	114	8.38E-12	1	2696.502	3.61	Head	2R:-:21445678-21445598	exon=> In CDS Exon 2 of transcript AGAP002442-PA
JHU_Ag_49960	QVLLK	AGAP002449-PA	-	32	0.003397786	1	600.407	-1	Midgut	2R:+:21529143-21529157	exon=> In CDS Exon 6 of transcript AGAP002449-PA

JHU_Ag_81465	QVLLK	AGAP002449-PA	-	30	0.005226321	1	600.410	2.76	Larva	2R:+:21529143-21529157	exon=> In CDS Exon 6 of transcript AGAP002449-PA
JHU_Ag_26417	EAMMPLVKK	AGAP002451-PA	M3(Oxidation), M4(Oxidation)	41	0.001377256	1	1078.560	-3.23	Salivary gland	2R:-:21533826-21533800	exon=> In CDS Exon 3 of transcript AGAP002451-PA
JHU_Ag_61448	IPFPLDFK	AGAP002451-PA	-	30	0.008840667	1	976.554	3.81	Head	2R:-:21540494-21540471	exon=> In CDS Exon 2 of transcript AGAP002451-PA
JHU_Ag_66926	FPLISSLIQRINIR	AGAP002454-PA	Q9(Deamidated), N12(Deamidated)	26	0.001849652	2	1671.984	2.56	Head	2R:-:21561675-21561951,21561472-21561550	exon=> In CDS Exon 4 and 3 of transcript AGAP002454-PA
JHU_Ag_84408	FPLISSLIQRINIR	AGAP002454-PA	Q9(Deamidated), N12(Deamidated)	32	0.000549655	1	1671.983	2.26	Pupa	2R:-:21561675-21561951,21561472-21561550	exon=> In CDS Exon 4 and 3 of transcript AGAP002454-PA
JHU_Ag_102562	GSGLGTSSPSTSGLSR	AGAP002454-PA	-	67	2.88E-06	1	1450.711	-1.34	Male reproductive organs	2R:-:21561879-21561832	exon=> In CDS Exon 3 of transcript AGAP002454-PA
JHU_Ag_113531	FPLISSLIQRINIR	AGAP002454-PA	Q9(Deamidated), N12(Deamidated)	26	0.002042161	1	1671.987	4.56	Malpighian tubule	2R:-:21561675-21561951,21561472-21561550	exon=> In CDS Exon 4 and 3 of transcript AGAP002454-PA
JHU_Ag_116371	FPLISSLIQRINIR	AGAP002454-PA	Q9(Deamidated), N12(Deamidated)	27	0.001161853	1	1671.990	6.28	Larva	2R:-:21561675-21561951,21561472-21561550	exon=> In CDS Exon 4 and 3 of transcript AGAP002454-PA
JHU_Ag_7748	YDLPDPEVYR	AGAP002456-PA,AGAP002456-PB	-	60	1.38E-05	1	1266.601	0.3	Head	2R:-:21565366-21565337;2R:-:21565366-21565337	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_8630	DFFHLNPLYEFKK	AGAP002456-PA,AGAP002456-PB	-	49	0.000165555	1	1697.872	1.85	Head	2R:-:21565336-21565298;2R:-:21565336-21565298	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_10166	SLLLDLGQAIDR	AGAP002456-PA,AGAP002456-PB	-	98	1.05E-09	1	1313.746	2.37	Pupa	2R:-:21565691-21565656;2R:-:21565691-21565656	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB
JHU_Ag_10297	EKALQETADVILR	AGAP002456-PA,AGAP002456-PB	-	95	2.52E-09	1	1485.832	3.52	Head	2R:-:21567109-21567071;2R:-:21567109-21567071	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_14459	DTTHVYELLNINDDASSR	AGAP002456-PA,AGAP002456-PB	-	81	1.21E-07	1	2062.971	1.73	Pupa	2R:-:21567163-21567110;2R:-:21567163-21567110	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_14807	LDVAIAYDLPELVGK	AGAP002456-PA,AGAP002456-PB	-	56	2.07E-05	2	1615.900	3.46	Pupa	2R:-:21565252-21565208;2R:-:21565252-21565208	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_17544	LSETCTYFR	AGAP002456-PA,AGAP002456-PB	C5(Carbamidomethyl)	40	0.000953328	2	1176.535	-0.39	Pupa	2R:-:21565297-21565271;2R:-:21565297-21565271	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_18493	DTTHVYELLNINDDASSR	AGAP002456-PA,AGAP002456-PB	-	162	9.19E-16	1	2062.972	2.32	Head	2R:-:21567163-21567110;2R:-:21567163-21567110	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_20188	IYDNSIKPLETLYK	AGAP002456-PA,AGAP002456-PB	-	111	7.03E-11	1	1696.919	2.11	Head	2R:-:21567058-21567017;2R:-:21567058-21567017	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB

JHU_Ag_23482	SLLLDLGQAIDRR	AGAP002456-PA,AGAP002456-PB	-	45	0.00016648	2	1469.847	2.42	Pupa	2R:-:21565691-21565653;2R:-:21565691-21565653	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB
JHU_Ag_26182	EESFPEEDLLLEYEIPTNLR	AGAP002456-PA,AGAP002456-PB	-	84	5.64E-08	1	2436.195	5.27	Head	2R:-:21567398-21567794,21566869-21567164;2R:-:21567398-21567794,21566869-21567164	exon=> In CDS Exon 7 and 6 of transcript AGAP002456-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP002456-PB
JHU_Ag_32277	MAEAALAKLDVLTPTSDFGK	AGAP002456-PA,AGAP002456-PB	M1(Oxidation)	37	0.002199848	1	2094.085	2.99	Malpighian tubule	2R:-:21565198-21565139;2R:-:21565198-21565139	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_35762	FGQGLLDR	AGAP002456-PA,AGAP002456-PB	-	43	0.000833912	2	905.483	-1.07	Midgut	2R:-:21566659-21566636;2R:-:21566659-21566636	exon=> In CDS Exon 8 of transcript AGAP002456-PA;exon=> In CDS Exon 8 of transcript AGAP002456-PB
JHU_Ag_38365	ADQVKPEELLR	AGAP002456-PA,AGAP002456-PB	-	58	1.08E-05	1	1297.715	3.29	Malpighian tubule	2R:-:21565859-21565827;2R:-:21565859-21565827	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB
JHU_Ag_41497	GREYQTR	AGAP002456-PA,AGAP002456-PB	-	34	0.003515642	2	909.453	-0.35	Head	2R:-:21565961-21566138,21565617-21565875;2R:-:21565961-21566138,21565617-21565875	exon=> In CDS Exon 10 and 9 of transcript AGAP002456-PA;exon=> In CDS Exon 10 and 9 of transcript AGAP002456-PB
JHU_Ag_41861	ALQETADVILR	AGAP002456-PA,AGAP002456-PB	-	54	3.43E-05	2	1228.694	3.46	Malpighian tubule	2R:-:21567103-21567071;2R:-:21567103-21567071	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_47903	LSETCTYFR	AGAP002456-PA,AGAP002456-PB	C5(Carbamidomethyl)	39	0.001082038	1	1176.535	-0.43	Head	2R:-:21565297-21565271;2R:-:21565297-21565271	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_52744	IYDNSIKPLETLYK	AGAP002456-PA,AGAP002456-PB	-	84	3.47E-08	1	1696.919	1.96	Pupa	2R:-:21567058-21567017;2R:-:21567058-21567017	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_54878	ILLNKADQVKPEELLR	AGAP002456-PA,AGAP002456-PB	-	65	2.59E-07	1	1879.108	3.58	Malpighian tubule	2R:-:21565874-21565827;2R:-:21565874-21565827	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB
JHU_Ag_56054	LDVAIAYDLPELVGK	AGAP002456-PA,AGAP002456-PB	-	92	4.96E-09	1	1615.901	3.92	Head	2R:-:21565252-21565208;2R:-:21565252-21565208	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_56093	SLLLDLGQAIDR	AGAP002456-PA,AGAP002456-PB	-	91	5.03E-09	1	1313.747	3.49	Head	2R:-:21565691-21565656;2R:-:21565691-21565656	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB
JHU_Ag_61531	FGQGLLDR	AGAP002456-PA,AGAP002456-PB	-	67	3.12E-06	2	905.484	0.21	Head	2R:-:21566659-21566636;2R:-:21566659-21566636	exon=> In CDS Exon 8 of transcript AGAP002456-PA;exon=> In CDS Exon 8 of transcript AGAP002456-PB

JHU_Ag_63208	YDLPDPEVYR	AGAP002456-PA,AGAP002456-PB	-	43	0.000690669	2	1266.602	1.36	Pupa	2R:-:21565366-21565337;2R:-:21565366-21565337	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_63211	DFFHLNPLYEFK	AGAP002456-PA,AGAP002456-PB	-	53	6.91E-05	2	1569.782	5.39	Midgut	2R:-:21565336-21565301;2R:-:21565336-21565301	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_64156	STILNYLTHNEYTPNSVR	AGAP002456-PA,AGAP002456-PB	-	120	1.68E-11	1	2122.062	2.78	Head	2R:-:21566926-21566873;2R:-:21566926-21566873	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_67987	ADQVKPEELLR	AGAP002456-PA,AGAP002456-PB	Q3(Deamidated)	77	1.38E-07	1	1297.713	1.31	Head	2R:-:21565859-21565827;2R:-:21565859-21565827	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB
JHU_Ag_69039	LDVGPETEAILDQLK	AGAP002456-PA,AGAP002456-PB	-	49	0.000121071	1	1640.883	5.56	Pupa	2R:-:21566006-21565962;2R:-:21566006-21565962	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_69488	SLLLDLGQAIDRR	AGAP002456-PA,AGAP002456-PB	-	57	8.58E-06	1	1469.846	1.84	Head	2R:-:21565691-21565653;2R:-:21565691-21565653	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB
JHU_Ag_73156	VNIVEIPGILEVR	AGAP002456-PA,AGAP002456-PB	-	60	1.35E-06	2	1450.867	2.59	Pupa	2R:-:21566138-21566100;2R:-:21566138-21566100	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_74817	GCPINKLDVAIAYDLPELVGK	AGAP002456-PA,AGAP002456-PB	C2(Carbamidomethyl)	104	2.70E-10	1	2285.231	4.23	Head	2R:-:21565270-21565208;2R:-:21565270-21565208	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_74885	HFGDPEIFSKPLVLFMGPWSGGK	AGAP002456-PA,AGAP002456-PB	M16(Oxidation)	141	9.92E-14	1	2562.298	4.98	Head	2R:-:21566995-21566927;2R:-:21566995-21566927	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_75498	VNIVEIPGILEVRK	AGAP002456-PA,AGAP002456-PB	-	64	2.42E-07	1	1578.962	2.76	Head	2R:-:21566138-21566097;2R:-:21566138-21566097	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_76221	ADIIFLVYDPSKLDVGPETEAILDQLK	AGAP002456-PA,AGAP002456-PB	-	134	1.83E-13	1	3002.601	1.14	Head	2R:-:21566042-21565962;2R:-:21566042-21565962	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_83229	LDVLTPTSDFGK	AGAP002456-PA,AGAP002456-PB	-	68	2.22E-06	1	1292.676	1.85	Head	2R:-:21565174-21565139;2R:-:21565174-21565139	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_83367	DFFHLNPLYEFK	AGAP002456-PA,AGAP002456-PB	-	83	8.04E-08	1	1569.779	3.68	Head	2R:-:21565336-21565301;2R:-:21565336-21565301	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_84537	SLLLDLGQAIDR	AGAP002456-PA,AGAP002456-PB	-	70	5.65E-07	2	1313.747	3.3	Malpighian tubule	2R:-:21565691-21565656;2R:-:21565691-21565656	exon=> In CDS Exon 10 of transcript AGAP002456-PA;exon=> In CDS Exon 10 of transcript AGAP002456-PB

JHU_Ag_89817	VNIVEIPGILEVR	AGAP002456-PA,AGAP002456-PB	-	102	7.42E-11	1	1450.867	2.76	Head	2R:-:21566138-21566100;2R:-:21566138-21566100	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_91524	ALQETADVILR	AGAP002456-PA,AGAP002456-PB	-	65	2.61E-06	1	1228.693	2.37	Pupa	2R:-:21567103-21567071;2R:-:21567103-21567071	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_93115	VNIVEIPGILEVR	AGAP002456-PA,AGAP002456-PB	-	49	1.66E-05	2	1450.867	3.01	Malpighian tubule	2R:-:21566138-21566100;2R:-:21566138-21566100	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_93717	LDVGPETEAILDQLK	AGAP002456-PA,AGAP002456-PB	-	140	8.41E-14	1	1640.879	2.88	Head	2R:-:21566006-21565962;2R:-:21566006-21565962	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_94348	YDLPDPEVYRDFFHLNPLYEFK	AGAP002456-PA,AGAP002456-PB	-	41	0.001365465	1	2817.357	0.39	Head	2R:-:21565366-21565301;2R:-:21565366-21565301	exon=> In CDS Exon 11 of transcript AGAP002456-PA;exon=> In CDS Exon 11 of transcript AGAP002456-PB
JHU_Ag_100069	IYDNSIKPLETLYK	AGAP002456-PA,AGAP002456-PB	-	48	0.000125052	1	1696.919	1.96	Malpighian tubule	2R:-:21567058-21567017;2R:-:21567058-21567017	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_100228	YFPFNDACQWFIDR	AGAP002456-PA,AGAP002456-PB	C8(Carbamidomethyl)	107	1.67E-10	1	1878.836	4.97	Head	2R:-:21566084-21566043;2R:-:21566084-21566043	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_102072	ADIIFLVYDPSK	AGAP002456-PA,AGAP002456-PB	-	96	3.28E-09	2	1380.745	3.02	Head	2R:-:21566042-21566007;2R:-:21566042-21566007	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_106749	ALQETADVILR	AGAP002456-PA,AGAP002456-PB	-	56	2.33E-05	1	1228.694	3.32	Head	2R:-:21567103-21567071;2R:-:21567103-21567071	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_107366	STILNYLTHNEYTPNSVR	AGAP002456-PA,AGAP002456-PB	-	72	1.01E-06	2	2122.072	7.15	Malpighian tubule	2R:-:21566926-21566873;2R:-:21566926-21566873	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_109827	VNIVEIPGILEVRK	AGAP002456-PA,AGAP002456-PB	-	72	2.82E-08	1	1578.967	5.62	Malpighian tubule	2R:-:21566138-21566097;2R:-:21566138-21566097	exon=> In CDS Exon 9 of transcript AGAP002456-PA;exon=> In CDS Exon 9 of transcript AGAP002456-PB
JHU_Ag_114174	STILNYLTHNEYTPNSVR	AGAP002456-PA,AGAP002456-PB	-	70	1.51E-06	1	2122.060	1.85	Pupa	2R:-:21566926-21566873;2R:-:21566926-21566873	exon=> In CDS Exon 7 of transcript AGAP002456-PA;exon=> In CDS Exon 7 of transcript AGAP002456-PB
JHU_Ag_116917	QDSEESLPADGEASVEQSAEESETASQEEEK	AGAP002456-PA,AGAP002456-PB	-	66	6.98E-07	1	3325.392	2.52	Head	2R:-:21567491-21567399;2R:-:21567491-21567399	exon=> In CDS Exon 6 of transcript AGAP002456-PA;exon=> In CDS Exon 6 of transcript AGAP002456-PB
JHU_Ag_336	SLLLDLGQAIDRR	AGAP002456-PB,AGAP002456-PA	-	43	0.000285476	2	1469.850	4.33	Larva	2R:-:21565691-21565653;2R:-:21565691-21565653	exon=> In CDS Exon 10 of transcript AGAP002456-PB;exon=> In CDS Exon 10 of transcript AGAP002456-PA

JHU_Ag_17057	DFFHLNPLYEFK	AGAP002456-PB,AGAP002456-PA	-	56	3.96E-05	1	1569.777	1.81	Malpighian tubule	2R:-:21565336-21565301;2R:-:21565336-21565301	exon=> In CDS Exon 11 of transcript AGAP002456-PB;exon=> In CDS Exon 11 of transcript AGAP002456-PA
JHU_Ag_17517	SLLLDLGQAIDRR	AGAP002456-PB,AGAP002456-PA	-	62	3.94E-06	1	1469.844	0.11	Visceras	2R:-:21565691-21565653;2R:-:21565691-21565653	exon=> In CDS Exon 10 of transcript AGAP002456-PB;exon=> In CDS Exon 10 of transcript AGAP002456-PA
JHU_Ag_19701	FGQGLLDR	AGAP002456-PB,AGAP002456-PA	-	60	1.63E-05	2	905.483	-0.6	Visceras	2R:-:21566659-21566636;2R:-:21566659-21566636	exon=> In CDS Exon 8 of transcript AGAP002456-PB;exon=> In CDS Exon 8 of transcript AGAP002456-PA
JHU_Ag_22916	DFFHLNPLYEFK	AGAP002456-PB,AGAP002456-PA	-	52	9.60E-05	1	1569.783	5.93	Larva	2R:-:21565336-21565301;2R:-:21565336-21565301	exon=> In CDS Exon 11 of transcript AGAP002456-PB;exon=> In CDS Exon 11 of transcript AGAP002456-PA
JHU_Ag_39697	SLLLDLGQAIDR	AGAP002456-PB,AGAP002456-PA	-	75	1.99E-07	2	1313.743	0.24	Ovary	2R:-:21565691-21565656;2R:-:21565691-21565656	exon=> In CDS Exon 10 of transcript AGAP002456-PB;exon=> In CDS Exon 10 of transcript AGAP002456-PA
JHU_Ag_46085	FGQGLLDR	AGAP002456-PB,AGAP002456-PA	-	61	1.33E-05	2	905.484	-0.47	Ovary	2R:-:21566659-21566636;2R:-:21566659-21566636	exon=> In CDS Exon 8 of transcript AGAP002456-PB;exon=> In CDS Exon 8 of transcript AGAP002456-PA
JHU_Ag_52371	LDVLTPTSDFGK	AGAP002456-PB,AGAP002456-PA	-	38	0.001844775	1	1292.673	-0.04	Ovary	2R:-:21565174-21565139;2R:-:21565174-21565139	exon=> In CDS Exon 11 of transcript AGAP002456-PB;exon=> In CDS Exon 11 of transcript AGAP002456-PA
JHU_Ag_56542	LSETCTYFR	AGAP002456-PB,AGAP002456-PA	C5(Carbamidomethyl)	52	6.74E-05	1	1176.537	0.96	Ovary	2R:-:21565297-21565271;2R:-:21565297-21565271	exon=> In CDS Exon 11 of transcript AGAP002456-PB;exon=> In CDS Exon 11 of transcript AGAP002456-PA
JHU_Ag_57905	LDVLTPTSDFGK	AGAP002456-PB,AGAP002456-PA	-	51	0.000105247	1	1292.676	1.75	Visceras	2R:-:21565174-21565139;2R:-:21565174-21565139	exon=> In CDS Exon 11 of transcript AGAP002456-PB;exon=> In CDS Exon 11 of transcript AGAP002456-PA
JHU_Ag_61686	LDVAIAYDLPELVGK	AGAP002456-PB,AGAP002456-PA	-	81	5.94E-08	1	1615.900	3.54	Visceras	2R:-:21565252-21565208;2R:-:21565252-21565208	exon=> In CDS Exon 11 of transcript AGAP002456-PB;exon=> In CDS Exon 11 of transcript AGAP002456-PA
JHU_Ag_70999	ALQETADVILR	AGAP002456-PB,AGAP002456-PA	-	60	9.07E-06	2	1228.691	0.78	Ovary	2R:-:21567103-21567071;2R:-:21567103-21567071	exon=> In CDS Exon 7 of transcript AGAP002456-PB;exon=> In CDS Exon 7 of transcript AGAP002456-PA
JHU_Ag_72513	IYDNSIKPLETLYK	AGAP002456-PB,AGAP002456-PA	-	66	2.09E-06	2	1696.918	1.24	Ovary	2R:-:21567058-21567017;2R:-:21567058-21567017	exon=> In CDS Exon 7 of transcript AGAP002456-PB;exon=> In CDS Exon 7 of transcript AGAP002456-PA
JHU_Ag_72740	ADIIFLVYDPSK	AGAP002456-PB,AGAP002456-PA	-	57	2.74E-05	2	1380.744	1.95	Visceras	2R:-:21566042-21566007;2R:-:21566042-21566007	exon=> In CDS Exon 9 of transcript AGAP002456-PB;exon=> In CDS Exon 9 of transcript AGAP002456-PA
JHU_Ag_73969	DFFHLNPLYEFK	AGAP002456-PB,AGAP002456-PA	-	42	0.001034287	1	1569.772	-1	Visceras	2R:-:21565336-21565301;2R:-:21565336-21565301	exon=> In CDS Exon 11 of transcript AGAP002456-PB;exon=> In CDS Exon 11 of transcript AGAP002456-PA

JHU_Ag_75600	DTTHVYELLNINDDASSR	AGAP002456-PB,AGAP002456-PA	-	139	1.93E-13	1	2062.968	0.19	Visceras	2R:-:21567163-21567110;2R:-:21567163-21567110	exon=> In CDS Exon 7 of transcript AGAP002456-PB;exon=> In CDS Exon 7 of transcript AGAP002456-PA
JHU_Ag_77806	VNIVEIPGILEVR	AGAP002456-PB,AGAP002456-PA	-	77	2.77E-08	2	1450.867	2.5	Visceras	2R:-:21566138-21566100;2R:-:21566138-21566100	exon=> In CDS Exon 9 of transcript AGAP002456-PB;exon=> In CDS Exon 9 of transcript AGAP002456-PA
JHU_Ag_78217	YFPFNDACQWFIDR	AGAP002456-PB,AGAP002456-PA	C8(Carbamidomethyl)	96	2.37E-09	2	1878.831	2.31	Visceras	2R:-:21566084-21566043;2R:-:21566084-21566043	exon=> In CDS Exon 9 of transcript AGAP002456-PB;exon=> In CDS Exon 9 of transcript AGAP002456-PA
JHU_Ag_82024	IYDNSIKPLETLYK	AGAP002456-PB,AGAP002456-PA	-	81	7.13E-08	1	1696.917	0.88	Visceras	2R:-:21567058-21567017;2R:-:21567058-21567017	exon=> In CDS Exon 7 of transcript AGAP002456-PB;exon=> In CDS Exon 7 of transcript AGAP002456-PA
JHU_Ag_85312	HFGDPEIFSKPLVLFMGPWSGGK	AGAP002456-PB,AGAP002456-PA	M16(Oxidation)	88	1.81E-08	1	2562.298	5.06	Visceras	2R:-:21566995-21566927;2R:-:21566995-21566927	exon=> In CDS Exon 7 of transcript AGAP002456-PB;exon=> In CDS Exon 7 of transcript AGAP002456-PA
JHU_Ag_91233	ADIIFLVYDPSK	AGAP002456-PB,AGAP002456-PA	-	42	0.000849603	2	1380.741	-0.34	Ovary	2R:-:21566042-21566007;2R:-:21566042-21566007	exon=> In CDS Exon 9 of transcript AGAP002456-PB;exon=> In CDS Exon 9 of transcript AGAP002456-PA
JHU_Ag_94339	VNIVEIPGILEVR	AGAP002456-PB,AGAP002456-PA	-	61	8.73E-07	2	1450.864	0.99	Ovary	2R:-:21566138-21566100;2R:-:21566138-21566100	exon=> In CDS Exon 9 of transcript AGAP002456-PB;exon=> In CDS Exon 9 of transcript AGAP002456-PA
JHU_Ag_96682	SLLLDLGQAIDR	AGAP002456-PB,AGAP002456-PA	-	92	4.50E-09	1	1313.744	1.26	Visceras	2R:-:21565691-21565656;2R:-:21565691-21565656	exon=> In CDS Exon 10 of transcript AGAP002456-PB;exon=> In CDS Exon 10 of transcript AGAP002456-PA
JHU_Ag_99646	SLLLDLGQAIDR	AGAP002456-PB,AGAP002456-PA	-	60	5.53E-06	1	1313.754	9.16	Larva	2R:-:21565691-21565656;2R:-:21565691-21565656	exon=> In CDS Exon 10 of transcript AGAP002456-PB;exon=> In CDS Exon 10 of transcript AGAP002456-PA
JHU_Ag_100668	ADQVKPEELLR	AGAP002456-PB,AGAP002456-PA	-	55	2.36E-05	1	1297.711	-0.29	Visceras	2R:-:21565859-21565827;2R:-:21565859-21565827	exon=> In CDS Exon 10 of transcript AGAP002456-PB;exon=> In CDS Exon 10 of transcript AGAP002456-PA
JHU_Ag_100733	ALQETADVILR	AGAP002456-PB,AGAP002456-PA	-	67	2.01E-06	2	1228.690	0.58	Visceras	2R:-:21567103-21567071;2R:-:21567103-21567071	exon=> In CDS Exon 7 of transcript AGAP002456-PB;exon=> In CDS Exon 7 of transcript AGAP002456-PA
JHU_Ag_107469	LDVGPETEAILDQLK	AGAP002456-PB,AGAP002456-PA	-	136	2.26E-13	1	1640.879	3.03	Visceras	2R:-:21566006-21565962;2R:-:21566006-21565962	exon=> In CDS Exon 9 of transcript AGAP002456-PB;exon=> In CDS Exon 9 of transcript AGAP002456-PA
JHU_Ag_116254	STILNYLTHNEYTPNSVR	AGAP002456-PB,AGAP002456-PA	-	97	3.06E-09	1	2122.058	0.71	Visceras	2R:-:21566926-21566873;2R:-:21566926-21566873	exon=> In CDS Exon 7 of transcript AGAP002456-PB;exon=> In CDS Exon 7 of transcript AGAP002456-PA
JHU_Ag_6379	RPHDQWAYEK	AGAP002457-PA	-	67	1.95E-06	1	1329.632	-1.22	Pupa	2R:-:21586506-21586477	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_7395	IVCYFSNWAIYRPDVGR	AGAP002457-PA	C3(Carbamidomethyl)	105	4.43E-10	1	2116.049	2.83	Pupa	2R:-:21587133-21587083	exon=> In CDS Exon 2 of transcript AGAP002457-PA

JHU_Ag_14434	GYAGAMTWAIDMDDFHGLCGPENALMK	AGAP002457-PA	M6(Oxidation), M12(Oxidation), C19(Carbamidomethyl), M26(Oxidation)	106	1.24E-10	1	3019.285	3.83	Larva	2R:-:21585025-21584945	exon=> In CDS Exon 4 of transcript AGAP002457-PA
JHU_Ag_24606	GWEITMAVPVANFR	AGAP002457-PA	-	60	0.0000164	2	1590.814	2.34	Pupa	2R:-:21586668-21586627	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_36170	GNWAGFADVHSPLYK	AGAP002457-PA	-	79	2.37E-07	1	1661.810	1.72	Pupa	2R:-:21586551-21586507	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_43176	YSQMVAVK	AGAP002457-PA	M4(Oxidation)	50	7.63E-05	2	941.475	-1.42	Pupa	2R:-:21586872-21586849	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_45116	LNVNDGVQLWVNYGCPPNK	AGAP002457-PA	C15(Carbamidomethyl)	94	4.82E-09	2	2187.069	1.56	Pupa	2R:-:21586476-21587147,21586201-21586351	exon=> In CDS Exon 3 and 2 of transcript AGAP002457-PA
JHU_Ag_45420	YQIAVGGWAEGGKK	AGAP002457-PA	-	68	1.98E-06	1	1463.763	-1.17	Pupa	2R:-:21586914-21586873	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_54241	KWDEVGLCPYTYK	AGAP002457-PA	C8(Carbamidomethyl)	76	3.74E-07	2	1658.790	1.19	Pupa	2R:-:21585133-21585095	exon=> In CDS Exon 4 of transcript AGAP002457-PA
JHU_Ag_55324	FFYFVEELR	AGAP002457-PA	-	40	0.001702308	2	1249.625	0.15	Pupa	2R:-:21586719-21586693	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_58111	YQIAVGGWAEGGK	AGAP002457-PA	-	47	0.0003822	2	1335.670	0.91	Pupa	2R:-:21586914-21586876	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_58454	GTQFVGYEDER	AGAP002457-PA	-	57	1.57E-05	2	1300.586	3.96	Larva	2R:-:21585094-21585062	exon=> In CDS Exon 4 of transcript AGAP002457-PA
JHU_Ag_93601	LVIGVPFYGR	AGAP002457-PA	-	43	0.000335993	1	1120.652	0.78	Pupa	2R:-:21586350-21586321	exon=> In CDS Exon 3 of transcript AGAP002457-PA
JHU_Ag_97191	EDESEIDCSGYK	AGAP002457-PA	C8(Carbamidomethyl)	69	2.03E-07	2	1431.561	2.35	Larva	2R:-:21584571-21584536	exon=> In CDS Exon 5 of transcript AGAP002457-PA
JHU_Ag_97563	GTQFVGYEDER	AGAP002457-PA	-	66	1.63E-06	1	1300.580	-0.74	Pupa	2R:-:21585094-21585062	exon=> In CDS Exon 4 of transcript AGAP002457-PA
JHU_Ag_111517	VYGFDGFDLDWEYPGAADR	AGAP002457-PA	-	81	5.37E-08	1	2192.956	0.01	Pupa	2R:-:21586803-21586747	exon=> In CDS Exon 2 of transcript AGAP002457-PA
JHU_Ag_11009	MNVQSLR	AGAP002462-PA	Q4(Deamidated)	52	0.0001453	2	848.429	-0.95	Head	2R:+:21814881-21814901	exon=> In CDS Exon 2 of transcript AGAP002462-PA
JHU_Ag_11645	AVSAHEK	AGAP002462-PA,AGAP013149-PA,AGAP012982-PA	-	36	0.001492961	1	741.390	1.68	Head	2R:+:21814836-21814856;2R:-:736439-736419;2R:+:674733-674753	exon=> In CDS Exon 2 of transcript AGAP002462-PA;exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA
JHU_Ag_82903	ANAVYNPIVYGISHPK	AGAP002462-PA,AGAP013149-PA,AGAP012982-PA,AGAP001162-PA,AGAP001161-PA	N6(Deamidated),N2(Deamidated)	127	2.28E-12	1	1742.927	2.69	Head	2R:+:21815073-21815120;2R:-:736199-736152;2R:+:674973-675020;2R:-:669235-669188;2R:-:666120-666073	exon=> In CDS Exon 2 of transcript AGAP002462-PA;exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA;exon=> In CDS Exon 2 of transcript AGAP001162-PA;exon=> In CDS Exon 2 of transcript AGAP001161-PA
JHU_Ag_6251	DLNMPTSLPTR	AGAP002463-PB,AGAP002463-PA	M4(Oxidation)	54	6.30E-05	1	1260.624	-0.8	Midgut	2R:+:21820462-21820493,21820592;2R:+:21820462-21820493,21820592	exon=> In CDS Exon 1 and 2 of transcript AGAP002463-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002463-PA

JHU_Ag_11516	STEGNVLIVGHATTLDTCTR	AGAP002463-PB,AGAP002463-PA	C18(Carbamidomethyl)	125	4.33E-12	1	2145.070	4.37	Midgut	2R:+:21820992-21820998,21821089-21821141;2R:+:21820992-21820998,21821089-21821141	exon=> In CDS Exon 2 and 3 of transcript AGAP002463-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002463-PA
JHU_Ag_18859	LNEFYCR	AGAP002463-PB,AGAP002463-PA	C6(Carbamidomethyl)	38	0.000869547	2	1001.451	-0.41	Male reproductive organs	2R:+:21820941-21820961;2R:+:21820941-21820961	exon=> In CDS Exon 2 of transcript AGAP002463-PB;exon=> In CDS Exon 6 of transcript AGAP002463-PA
JHU_Ag_22927	KDLNMPTSLPTR	AGAP002463-PB,AGAP002463-PA	M5(Oxidation)	53	8.54E-05	1	1388.722	1.21	Male reproductive organs	2R:+:21820459-21820493,21820592;2R:+:21820459-21820493,21820592	exon=> In CDS Exon 1 and 2 of transcript AGAP002463-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002463-PA
JHU_Ag_41188	CIQTATSVLEGLGLK	AGAP002463-PB,AGAP002463-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), Q3(Deamidated)"	88	1.64E-08	1	1589.857	0.42	Midgut	2R:+:21820722-21820766;2R:+:21820722-21820766	exon=> In CDS Exon 2 of transcript AGAP002463-PB;exon=> In CDS Exon 6 of transcript AGAP002463-PA
JHU_Ag_42957	VSYCSLAVMESDGTTPSGDSEQAESTVK	AGAP002463-PB,AGAP002463-PA	C4(Carbamidomethyl), M9(Oxidation)	40	0.000587936	3	2951.271	-2.14	Male reproductive organs	2R:+:21821199-21821282;2R:+:21821199-21821282	exon=> In CDS Exon 3 of transcript AGAP002463-PB;exon=> In CDS Exon 7 of transcript AGAP002463-PA
JHU_Ag_47983	LVGEGLKDAGVQIAR	AGAP002463-PB,AGAP002463-PA	-	98	6.43E-10	1	1525.874	2.5	Male reproductive organs	2R:+:21820653-21820697;2R:+:21820653-21820697	exon=> In CDS Exon 2 of transcript AGAP002463-PB;exon=> In CDS Exon 6 of transcript AGAP002463-PA
JHU_Ag_58924	DSPLTNVGR	AGAP002463-PB,AGAP002463-PA	-	42	0.000762462	2	958.493	-2.1	Male reproductive organs	2R:+:21820614-21820640;2R:+:21820614-21820640	exon=> In CDS Exon 2 of transcript AGAP002463-PB;exon=> In CDS Exon 6 of transcript AGAP002463-PA
JHU_Ag_64382	STEGNVLIVGHATTLDTCTR	AGAP002463-PB,AGAP002463-PA	C18(Carbamidomethyl)	138	2.40E-13	1	2145.063	1.21	Male reproductive organs	2R:+:21820992-21820998,21821089-21821141;2R:+:21820992-21820998,21821089-21821141	exon=> In CDS Exon 2 and 3 of transcript AGAP002463-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002463-PA
JHU_Ag_66562	IDFTFGSWVPYCFDEAGNYVR	AGAP002463-PB,AGAP002463-PA	C12(Carbamidomethyl)	56	2.45E-05	2	2543.134	-0.05	Midgut	2R:+:21820396-21820458;2R:+:21820396-21820458	exon=> In CDS Exon 1 of transcript AGAP002463-PB;exon=> In CDS Exon 5 of transcript AGAP002463-PA
JHU_Ag_71657	DLNMPTSLPTR	AGAP002463-PB,AGAP002463-PA	M4(Oxidation)	51	0.000124706	1	1260.627	1.04	Head	2R:+:21820462-21820493,21820592;2R:+:21820462-21820493,21820592	exon=> In CDS Exon 1 and 2 of transcript AGAP002463-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002463-PA
JHU_Ag_79736	AYCSPSFR	AGAP002463-PB,AGAP002463-PA	C3(Carbamidomethyl)	37	0.000568251	1	987.436	0.48	Male reproductive organs	2R:+:21820698-21820721;2R:+:21820698-21820721	exon=> In CDS Exon 2 of transcript AGAP002463-PB;exon=> In CDS Exon 6 of transcript AGAP002463-PA
JHU_Ag_102359	TMDDIPLEK	AGAP002463-PB,AGAP002463-PA	M2(Oxidation)	54	7.52E-05	2	1077.514	0.37	Male reproductive organs	2R:+:21820237-21820263;2R:+:21820237-21820263	exon=> In CDS Exon 1 of transcript AGAP002463-PB;exon=> In CDS Exon 5 of transcript AGAP002463-PA
JHU_Ag_110234	DAGVQIAR	AGAP002463-PB,AGAP002463-PA	-	48	0.000153175	1	829.455	2.57	Male reproductive organs	2R:+:21820674-21820697;2R:+:21820674-21820697	exon=> In CDS Exon 2 of transcript AGAP002463-PB;exon=> In CDS Exon 6 of transcript AGAP002463-PA

JHU_Ag_6525	ISDKAWADAIELIK	AGAP002464-PA	-	105	2.37E-10	1	1572.867	2.05	Male reproductive organs	2R:-:21824275-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_8024	DLAGYVHNLK	AGAP002464-PA	-	65	3.95E-06	1	1129.601	0.71	Salivary gland	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_9285	HAANDLGNHVFDEFLAK	AGAP002464-PA	N4(Deamidated),N8(Deamidated)	124	6.21E-12	1	1897.918	-0.64	Midgut	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_9554	GSFGHLVQPSKGENYGK	AGAP002464-PA	-	66	3.68E-06	1	1804.901	1.63	Visceras	2R:-:21824218-21824168	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_10958	SFHFLMMSSAFNK	AGAP002464-PA	M6(Oxidation), M7(Oxidation)	71	9.26E-07	1	1578.708	0.1	Male reproductive organs	2R:-:21824356-21824318	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_13073	RGSFGHLVQPSK	AGAP002464-PA	-	48	0.000141751	1	1312.711	-0.77	Midgut	2R:-:21824221-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_15513	GSFGHLVQPSKGENYGK	AGAP002464-PA	-	106	3.95E-10	1	1804.899	0.48	Head	2R:-:21824218-21824168	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_15570	DLAGYVHNLK	AGAP002464-PA	-	83	6.84E-08	1	1129.600	0.07	Male reproductive organs	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_15688	HSLDRPGFEK	AGAP002464-PA	-	47	0.000202173	1	1185.601	0.2	Visceras	2R:-:21824317-21824288	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_15774	VLDVQELSSLQFALDYEKQMAK	AGAP002464-PA	M20(Oxidation)	58	1.68E-05	1	2571.317	6.19	Malpighian tubule	2R:-:21824167-21824102	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_15887	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated),N23(Deamidated)	75	2.87E-07	1	3669.662	6.94	Midgut	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_16126	DLAGYVHNLK	AGAP002464-PA	-	65	3.17E-06	1	1129.604	3.63	Larva	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_16484	EAHAIHR	AGAP002464-PA	-	40	0.002030655	1	833.436	-1.56	Head	2R:-:21824101-21824081	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_17036	VLDVQELSSLQFALDYEK	AGAP002464-PA	-	116	2.64E-11	2	2097.090	7.05	Pupa	2R:-:21824167-21824114	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_17451	VLDVQELSSLQFALDYEK	AGAP002464-PA	-	116	3.15E-11	2	2097.087	5.65	Larva	2R:-:21824167-21824114	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_18205	DLAGYVHNLK	AGAP002464-PA	-	73	6.14E-07	1	1129.600	0.07	Ovary	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_18702	VLDVQELSSLQFALDYEK	AGAP002464-PA	-	117	2.48E-11	2	2097.082	3.44	Visceras	2R:-:21824167-21824114	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_19265	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated)	91	5.93E-09	1	3670.624	1.05	Ovary	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_20379	VLDVQELSSLQFALDYEK	AGAP002464-PA	-	97	2.47E-09	2	2097.085	4.49	Head	2R:-:21824167-21824114	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_23199	VLDVQELSSLQFALDYEK	AGAP002464-PA	-	113	6.61E-11	1	2097.077	0.76	Ovary	2R:-:21824167-21824114	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_24502	QYTSQLVDK	AGAP002464-PA	-	52	6.27E-05	2	1081.555	2.12	Larva	2R:-:21824383-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_24977	RGSFGHLVQPSK	AGAP002464-PA	-	42	0.000662126	1	1312.708	-2.9	Head	2R:-:21824221-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_25245	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated),N23(Deamidated)	183	3.53E-18	1	3670.628	2.06	Pupa	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_29599	QYTSQLVDK	AGAP002464-PA	-	49	0.00016327	1	1081.552	-0.02	Pupa	2R:-:21824383-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_29803	GSFGHLVQPSK	AGAP002464-PA	-	71	7.87E-07	1	1156.610	-0.71	Midgut	2R:-:21824218-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_31331	AWADAIELIK	AGAP002464-PA	-	69	2.05E-06	2	1129.626	0.79	Visceras	2R:-:21824263-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_35091	GSFGHLVQPSKGENYGK	AGAP002464-PA	-	78	2.63E-07	1	1804.900	1.28	Malpighian tubule	2R:-:21824218-21824168	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_39152	GSFGHLVQPSKGENYGK	AGAP002464-PA	-	88	2.37E-08	1	1804.899	0.68	Male reproductive organs	2R:-:21824218-21824168	exon=> In CDS Exon 2 of transcript AGAP002464-PA

JHU_Ag_41995	GSFGHLVQPSKGENYGK	AGAP002464-PA	-	83	7.72E-08	1	1804.907	4.94	Larva	2R:-:21824218-21824168	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_43453	TVENDLKQYTSQLVDK	AGAP002464-PA	-	87	2.81E-08	1	1880.961	0.75	Pupa	2R:-:21824404-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_45431	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated),N23(Deamidated)	208	1.19E-20	1	3669.632	-1.13	Head	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_46892	VLDVQELSSLQFALDYEKQMAK	AGAP002464-PA	M20(Oxidation)	37	0.002237719	3	2571.314	5.05	Pupa	2R:-:21824167-21824102	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_47317	GSFGHLVQPSK	AGAP002464-PA	-	62	4.93E-06	1	1156.615	3.19	Larva	2R:-:21824218-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_49420	SFHFLMMSSAFNK	AGAP002464-PA	M6(Oxidation), M7(Oxidation)	75	4.18E-07	1	1578.716	4.89	Larva	2R:-:21824356-21824318	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_49778	SFHFLMMSSAFNK	AGAP002464-PA	M6(Oxidation),"M6(Oxidation), M7(Oxidation)",M7(Oxidation)	92	7.19E-09	1	1562.713	-0.11	Pupa	2R:-:21824356-21824318	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_50050	QYTSQLVDK	AGAP002464-PA	-	38	0.002011823	1	1081.550	-2.21	Visceras	2R:-:21824383-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_50271	RGSFGHLVQPSK	AGAP002464-PA	-	54	3.59E-05	1	1312.719	4.88	Male reproductive organs	2R:-:21824221-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_51005	AWADAIELIK	AGAP002464-PA	-	75	5.04E-07	1	1129.626	0.47	Male reproductive organs	2R:-:21824263-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_51910	SFHFLMMSSAFNK	AGAP002464-PA	M6(Oxidation), M7(Oxidation)	49	0.000140363	1	1578.709	0.59	Ovary	2R:-:21824356-21824318	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_53170	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated)	116	1.71E-11	1	3670.625	1.17	Malpighian tubule	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_54882	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated),N23(Deamidated)	166	1.70E-16	1	3670.639	4.96	Larva	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_55155	AWADAIELIK	AGAP002464-PA	-	51	0.000132163	1	1129.625	-0.29	Head	2R:-:21824263-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_56855	HFTSAK	AGAP002464-PA	-	36	0.004958044	1	690.358	0.92	Head	2R:-:21823927-21823910	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_56940	HAANDLGNHVFDEFLAK	AGAP002464-PA	-	123	7.37E-12	1	1897.927	4.06	Ovary	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_57959	TVENDLKQYTSQLVDK	AGAP002464-PA	-	107	2.68E-10	1	1880.958	-1.26	Midgut	2R:-:21824404-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_59201	SFHFLMMSSAFNK	AGAP002464-PA	M6(Oxidation), M7(Oxidation)	78	1.85E-07	1	1578.709	0.41	Head	2R:-:21824356-21824318	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_60935	VLDVQELSSLQFALDYEK	AGAP002464-PA	-	109	1.52E-10	2	2097.078	1.46	Midgut	2R:-:21824167-21824114	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_61050	HAANDLGNHVFDEFLAKVE	AGAP002464-PA	-	112	1.15E-10	1	2126.039	4.14	Malpighian tubule	2R:-:21823909-21823853	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_61153	GSFGHLVQPSKGENYGK	AGAP002464-PA	-	32	0.010411541	1	1804.894	-1.9	Midgut	2R:-:21824218-21824168	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_61430	GSFGHLVQPSK	AGAP002464-PA	-	79	1.22E-07	1	1156.612	0.99	Ovary	2R:-:21824218-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_61894	HAANDLGNHVFDEFLAK	AGAP002464-PA	-	115	5.58E-11	1	1897.921	0.72	Visceras	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_64205	GSFGHLVQPSK	AGAP002464-PA	-	70	9.31E-07	1	1156.617	4.77	Male reproductive organs	2R:-:21824218-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_70035	DLAGYVHNLK	AGAP002464-PA	-	75	4.45E-07	1	1129.601	1.25	Pupa	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_70517	HAANDLGNHVFDEFLAK	AGAP002464-PA	N4(Deamidated),N8(Deamidated)	134	6.46E-13	1	1897.918	-0.51	Pupa	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_71892	HSLDRPGFEK	AGAP002464-PA	-	38	0.001609293	1	1185.598	-2.58	Head	2R:-:21824317-21824288	exon=> In CDS Exon 2 of transcript AGAP002464-PA

JHU_Ag_73934	TVENDLKQYTSQLVDK	AGAP002464-PA	-	85	4.56E-08	1	1880.960	-0.2	Male reproductive organs	2R:-:21824404-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_75195	HSLDRPGFEK	AGAP002464-PA	-	35	0.003239868	1	1185.600	-0.89	Midgut	2R:-:21824317-21824288	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_75200	HAANDLGNHVFDEFLAKVE	AGAP002464-PA	-	106	4.26E-10	1	2126.034	1.64	Midgut	2R:-:21823909-21823853	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_76253	HAANDLGNHVFDEFLAK	AGAP002464-PA	N8(Deamidated)	122	9.99E-12	1	1897.923	1.96	Larva	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_76994	TVENDLKQYTSQLVDK	AGAP002464-PA	-	94	5.78E-09	1	1880.959	-0.59	Head	2R:-:21824404-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_78408	HSLDRPGFEK	AGAP002464-PA	-	41	0.000799187	1	1185.604	2.34	Male reproductive organs	2R:-:21824317-21824288	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_79255	DLAGYVHNLK	AGAP002464-PA	-	65	3.90E-06	1	1129.597	-2.53	Midgut	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_80480	GSFGHLVQPSK	AGAP002464-PA	-	66	2.14E-06	1	1156.609	-1.88	Head	2R:-:21824218-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_80903	ISDKAWADAIELIK	AGAP002464-PA	-	55	2.80E-05	1	1572.862	-0.55	Pupa	2R:-:21824275-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_81750	AWADAIELIK	AGAP002464-PA	-	83	6.28E-08	2	1129.628	2.09	Pupa	2R:-:21824263-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_84101	RGSFGHLVQPSK	AGAP002464-PA	-	46	0.000229821	1	1312.713	0.84	Larva	2R:-:21824221-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_89144	AWADAIELIK	AGAP002464-PA	-	62	8.60E-06	2	1129.629	3.17	Larva	2R:-:21824263-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_89218	HSLDRPGFEK	AGAP002464-PA	-	32	0.007216155	1	1185.605	3.44	Ovary	2R:-:21824317-21824288	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_89495	HAANDLGNHVFDEFLAKVE	AGAP002464-PA	-	85	5.35E-08	1	2126.029	-0.6	Male reproductive organs	2R:-:21823909-21823853	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_90973	ISDKAWADAIELIK	AGAP002464-PA	-	53	4.08E-05	1	1572.868	2.94	Malpighian tubule	2R:-:21824275-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_93274	TVENDLKQYTSQLVDK	AGAP002464-PA	-	108	2.13E-10	1	1880.968	4.18	Larva	2R:-:21824404-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_96387	RGSFGHLVQPSK	AGAP002464-PA	-	63	4.24E-06	1	1312.713	1.01	Pupa	2R:-:21824221-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_96583	HSLDRPGFEK	AGAP002464-PA	-	51	8.58E-05	1	1185.606	3.78	Larva	2R:-:21824317-21824288	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_97039	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated),N23(Deamidated)	98	1.19E-09	1	3670.627	1.87	Male reproductive organs	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_98399	HSLDRPGFEK	AGAP002464-PA	-	46	0.000252188	1	1185.601	0.08	Pupa	2R:-:21824317-21824288	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_98781	HAANDLGNHVFDEFLAK	AGAP002464-PA	N4(Deamidated),N8(Deamidated)	134	5.76E-13	1	1897.919	-0.25	Head	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_100831	SFHFLMMSSAFNK	AGAP002464-PA	M6(Oxidation), M7(Oxidation)	32	0.007470041	1	1578.709	0.49	Midgut	2R:-:21824356-21824318	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_102421	HAANDLGNHVFDEFLAK	AGAP002464-PA	-	100	1.58E-09	1	1897.924	2.45	Malpighian tubule	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_104094	DLAGYVHNLK	AGAP002464-PA	-	71	7.96E-07	1	1129.602	1.69	Malpighian tubule	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_104624	EAHAIHR	AGAP002464-PA	-	48	0.000308061	2	833.437	-0.76	Male reproductive organs	2R:-:21824101-21824081	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_105224	HAANDLGNHVFDEFLAK	AGAP002464-PA	-	125	5.31E-12	1	1897.920	0.65	Male reproductive organs	2R:-:21823909-21823859	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_105676	AWADAIELIK	AGAP002464-PA	-	83	8.95E-08	2	1129.624	-1.37	Midgut	2R:-:21824263-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_107870	GSFGHLVQPSKGENYGK	AGAP002464-PA	-	112	9.69E-11	1	1804.899	0.82	Pupa	2R:-:21824218-21824168	exon=> In CDS Exon 2 of transcript AGAP002464-PA

JHU_Ag_111014	DLAGYVHNLK	AGAP002464-PA	-	66	2.69E-06	1	1129.603	2.44	Head	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_111199	AGSNGSDDVYHYDPDAAHYLDENIIEYQSGVVR	AGAP002464-PA	N4(Deamidated)	180	8.50E-18	1	3669.642	1.47	Visceras	2R:-:21824056-21823958	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_113085	GSFGHLVQPSK	AGAP002464-PA	-	57	1.91E-05	1	1156.610	-1.03	Visceras	2R:-:21824218-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_115234	QYTSQLVDK	AGAP002464-PA	-	44	0.00052833	1	1081.552	-0.07	Head	2R:-:21824383-21824357	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_115687	EAHAIHR	AGAP002464-PA	-	44	0.00071353	2	833.440	2.32	Visceras	2R:-:21824101-21824081	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_115893	AWADAIELIK	AGAP002464-PA	-	73	5.98E-07	2	1129.629	3.6	Ovary	2R:-:21824263-21824234	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_117225	DLAGYVHNLK	AGAP002464-PA	-	67	2.94E-06	1	1129.601	0.39	Visceras	2R:-:21823957-21823928	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_117603	GSFGHLVQPSK	AGAP002464-PA	-	53	4.39E-05	2	1156.610	-0.82	Pupa	2R:-:21824218-21824186	exon=> In CDS Exon 2 of transcript AGAP002464-PA
JHU_Ag_2661	LGEFMFDK	AGAP002465-PA	M5(Oxidation)	52	4.06E-05	2	1002.463	3.2	Larva	2R:+:21827102-21827125	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_4279	NTFSLNFANPAAR	AGAP002465-PA	-	89	1.86E-08	1	1422.715	1.51	Male reproductive organs	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_7511	LGEFMFDK	AGAP002465-PA	-	56	2.02E-05	2	986.467	1.44	Head	2R:+:21827102-21827125	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_7716	LGEFMFDKQNM	AGAP002465-PA	M5(Oxidation), M11(Oxidation)	40	0.00063514	1	1391.603	4.13	Larva	2R:+:21827102-21827134	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_8998	VDAEQGSVALTALK	AGAP002465-PA	-	119	1.45E-11	1	1401.760	1.14	Male reproductive organs	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_9055	NTFSLNFANPAAR	AGAP002465-PA	-	86	3.32E-08	2	1422.715	1.85	Pupa	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_10472	ICEEDHNDYHLVDYLTGEFLEEQHQGQR	AGAP002465-PA	C2(Carbamidomethyl)	104	3.38E-10	1	3474.551	6.38	Malpighian tubule	2R:+:21826964-21827047	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_14845	VDAEQGSVALTALK	AGAP002465-PA	-	122	7.42E-12	1	1401.763	3.14	Malpighian tubule	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_17919	ICEEDHNDYHLVDYLTGEFLEEQHQGQR	AGAP002465-PA	C2(Carbamidomethyl)	54	2.47E-05	1	3474.524	-1.56	Pupa	2R:+:21826964-21827047	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_17968	GQKPIDRNTFSLNFANPAAR	AGAP002465-PA	-	89	1.26E-08	1	2217.161	4.08	Malpighian tubule	2R:+:21826739-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_20268	FFFNAASEER	AGAP002465-PA	-	90	8.46E-09	1	1217.558	-0.59	Salivary gland	2R:+:21826670-21826699	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_22165	VDAEQGSVALTALK	AGAP002465-PA	-	118	2.10E-11	1	1401.764	4.1	Larva	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_23290	VDAEQGSVALTALK	AGAP002465-PA	-	111	1.06E-10	2	1401.759	0.44	Salivary gland	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_25894	LGEFMFDKQNM	AGAP002465-PA	M11(Oxidation),"M5(Oxidation), M11(Oxidation)"	65	1.76E-06	1	1391.600	2.2	Malpighian tubule	2R:+:21827102-21827134	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_28848	VDAEQGSVALTALK	AGAP002465-PA	-	117	2.50E-11	2	1401.758	0.01	Midgut	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_31963	FFFNAASEEREHGMK	AGAP002465-PA	M14(Oxidation)	56	2.57E-05	1	1815.811	-0.65	Ovary	2R:+:21826670-21826714	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_39982	ICEEDHNDYHLVDYLTGEFLEEQHQGQR	AGAP002465-PA	C2(Carbamidomethyl)	135	2.11E-13	1	3474.520	-2.54	Midgut	2R:+:21826964-21827047	exon=> In CDS Exon 3 of transcript AGAP002465-PA

JHU_Ag_40742	NTFSLNFANPAAR	AGAP002465-PA	-	89	1.92E-08	1	1422.711	-0.81	Ovary	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_44575	LGEFMFDK	AGAP002465-PA	M5(Oxidation)	50	6.62E-05	1	1002.460	-0.03	Male reproductive organs	2R:+:21827102-21827125	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_45193	LIEYALMR	AGAP002465-PA	-	35	0.002340085	1	1008.557	1.96	Salivary gland	2R:+:21826715-21826738	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_50686	ICEEDHNDYHLVDYLTGEFLEEQHQGQR	AGAP002465-PA	C2(Carbamidomethyl)	163	3.33E-16	1	3474.531	0.41	Ovary	2R:+:21826964-21827047	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_52580	NTFSLNFANPAAR	AGAP002465-PA	-	96	3.42E-09	1	1422.711	-0.72	Head	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_55794	NTFSLNFANPAAR	AGAP002465-PA	-	73	7.45E-07	2	1422.718	4.17	Malpighian tubule	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_55837	FFFNAASEER	AGAP002465-PA	-	66	1.91E-06	2	1217.559	0.62	Ovary	2R:+:21826670-21826699	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_57406	ICEEDHNDYHLVDYLTGEFLEEQHQGQR	AGAP002465-PA	C2(Carbamidomethyl)	161	6.25E-16	1	3474.544	4.27	Larva	2R:+:21826964-21827047	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_58312	FFFNAASEEREHGMK	AGAP002465-PA	-	40	0.000903281	1	1799.813	-2.11	Midgut	2R:+:21826670-21826714	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_63058	FFFNAASEER	AGAP002465-PA	-	65	2.42E-06	1	1217.563	3.93	Larva	2R:+:21826670-21826699	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_63344	ICEEDHNDYHLVDYLTGEFLEEQHQGQR	AGAP002465-PA	C2(Carbamidomethyl)	139	9.33E-14	1	3474.543	3.99	Visceras	2R:+:21826964-21827047	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_66095	VDAEQGSVALTALK	AGAP002465-PA	-	131	1.20E-12	1	1401.757	-1.04	Head	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_66251	FFFNAASEER	AGAP002465-PA	-	78	1.10E-07	1	1217.559	0.52	Male reproductive organs	2R:+:21826670-21826699	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_67714	NTFSLNFANPAAR	AGAP002465-PA	-	99	1.74E-09	1	1422.716	2.37	Visceras	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_68702	ICEEDHNDYHLVDYLTGEFLEEQHQGQR	AGAP002465-PA	C2(Carbamidomethyl)	177	1.65E-17	1	3474.542	3.77	Head	2R:+:21826964-21827047	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_79097	NTFSLNFANPAAR	AGAP002465-PA	-	89	1.76E-08	1	1422.713	0.14	Midgut	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_82631	AALAKEQEVTK	AGAP002465-PA	-	78	2.03E-07	1	1187.663	0.24	Malpighian tubule	2R:+:21826910-21826942	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_83084	FFFNAASEER	AGAP002465-PA	-	40	0.000793397	1	1217.559	0.38	Visceras	2R:+:21826670-21826699	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_83213	VDAEQGSVALTALK	AGAP002465-PA	-	128	2.14E-12	1	1401.760	0.79	Visceras	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_84293	LIEYALMR	AGAP002465-PA	M7(Oxidation)	41	0.000642426	1	1024.551	1.41	Ovary	2R:+:21826715-21826738	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_87028	FFFNAASEER	AGAP002465-PA	-	68	1.33E-06	2	1217.558	-0.48	Head	2R:+:21826670-21826699	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_88471	LGEFMFDKQNM	AGAP002465-PA	M11(Oxidation),"M5(Oxidation), M11(Oxidation)"	57	1.19E-05	1	1375.602	-0.14	Midgut	2R:+:21827102-21827134	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_90056	DLAGKITMLSK	AGAP002465-PA	M8(Oxidation)	40	0.000641658	1	1192.664	2.79	Malpighian tubule	2R:+:21827048-21827080	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_93688	LGEFMFDK	AGAP002465-PA	-	50	7.52E-05	1	986.463	-2.33	Midgut	2R:+:21827102-21827125	exon=> In CDS Exon 3 of transcript AGAP002465-PA

JHU_Ag_94282	NTFSLNFANPAAR	AGAP002465-PA	-	100	1.36E-09	2	1422.715	1.59	Salivary gland	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_95627	NTFSLNFANPAAR	AGAP002465-PA	-	83	6.02E-08	1	1422.719	4.25	Larva	2R:+:21826760-21826780,21826850-21826867	exon=> In CDS Exon 2 and 3 of transcript AGAP002465-PA
JHU_Ag_96223	LIEYALMR	AGAP002465-PA	M7(Oxidation)	38	0.001438212	1	1024.552	2.01	Larva	2R:+:21826715-21826738	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_97518	LIEYALMR	AGAP002465-PA	M7(Oxidation)	47	0.000179585	1	1024.550	0.1	Male reproductive organs	2R:+:21826715-21826738	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_103124	VDAEQGSVALTALKAALAK	AGAP002465-PA	-	63	1.99E-06	1	1856.060	6.05	Malpighian tubule	2R:+:21826868-21826924	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_104500	VDAEQGSVALTALK	AGAP002465-PA	-	115	3.56E-11	2	1401.760	1.23	Pupa	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_104745	FFFNAASEER	AGAP002465-PA	-	63	3.56E-06	2	1217.555	-3.29	Midgut	2R:+:21826670-21826699	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_110372	LGEFMFDKQNM	AGAP002465-PA	M5(Oxidation), M11(Oxidation)	44	0.000243887	1	1391.598	0.97	Ovary	2R:+:21827102-21827134	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_111731	LGEFMFDKQNM	AGAP002465-PA	M5(Oxidation), M11(Oxidation)	65	1.84E-06	1	1391.598	0.71	Male reproductive organs	2R:+:21827102-21827134	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_113104	LIEYALMR	AGAP002465-PA	-	36	0.002127227	2	1008.555	0.14	Pupa	2R:+:21826715-21826738	exon=> In CDS Exon 2 of transcript AGAP002465-PA
JHU_Ag_114316	VDAEQGSVALTALK	AGAP002465-PA	-	109	1.75E-10	1	1401.761	1.84	Ovary	2R:+:21826868-21826909	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_116923	LGEFMFDK	AGAP002465-PA	M5(Oxidation)	41	0.000450979	1	1002.462	1.37	Ovary	2R:+:21827102-21827125	exon=> In CDS Exon 3 of transcript AGAP002465-PA
JHU_Ag_4164	HELRPALETIIR	AGAP002467-PA	-	59	2.04E-06	1	1447.841	1.99	Head	2R:+:21831790-21831825	exon=> In CDS Exon 2 of transcript AGAP002467-PA
JHU_Ag_39607	HELRPALETIIR	AGAP002467-PA	-	38	0.00022456	3	1447.844	3.88	Malpighian tubule	2R:+:21831790-21831825	exon=> In CDS Exon 2 of transcript AGAP002467-PA
JHU_Ag_1037	VVQVYR	AGAP002468-PA	-	37	0.001543443	2	763.447	1.48	Malpighian tubule	2R:+:21836359-21836376	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_4090	DDEVQVVR	AGAP002468-PA	-	63	7.37E-06	2	959.479	-0.51	Midgut	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_4393	DDEVQVVR	AGAP002468-PA	-	55	3.97E-05	2	959.480	0.76	Malpighian tubule	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_5810	HFQAPSHIR	AGAP002468-PA	-	62	9.67E-06	1	1092.569	-0.73	Malpighian tubule	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_6772	KDDEVQVVR	AGAP002468-PA	-	73	8.54E-07	2	1087.576	1.34	Ovary	2R:+:21836302-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_6845	KIMSAPLSK	AGAP002468-PA	M3(Oxidation)	47	0.000134325	1	990.565	-0.79	Ovary	2R:+:21836233-21836259	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_9919	ANGTNVYVGVHPSK	AGAP002468-PA	N2(Deamidated)	67	3.06E-06	1	1442.743	2.96	Larva	2R:+:21836419-21836460	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_9969	HFQAPSHIR	AGAP002468-PA	Q3(Deamidated)	72	8.95E-07	1	1092.570	0.02	Pupa	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_11764	YVVYIER	AGAP002468-PA	-	55	2.78E-05	1	941.513	3.66	Head	2R:+:21836383-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_12958	KIMSAPLSK	AGAP002468-PA	M3(Oxidation)	38	0.001236486	1	990.566	0.87	Salivary gland	2R:+:21836233-21836259	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_15856	DDEVQVVR	AGAP002468-PA	-	59	1.85E-05	1	959.482	2.92	Head	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_16930	ANGTNVYVGVHPSK	AGAP002468-PA	N2(Deamidated)	82	8.81E-08	1	1443.730	4.98	Malpighian tubule	2R:+:21836419-21836460	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_17892	KIMSAPLSK	AGAP002468-PA	M3(Oxidation)	36	0.002099695	2	990.565	-0.67	Midgut	2R:+:21836233-21836259	exon=> In CDS Exon 1 of transcript AGAP002468-PA

JHU_Ag_21741	RHFQAPSHIR	AGAP002468-PA	Q4(Deamidated)	56	3.38E-05	1	1249.654	-1.12	Head	2R:+:21836200-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_23807	HFQAPSHIR	AGAP002468-PA	-	63	7.59E-06	1	1092.573	3.12	Larva	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_24124	IMSAPLSK	AGAP002468-PA	M2(Oxidation)	49	0.000185433	2	862.470	-0.2	Midgut	2R:+:21836236-21836259	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_24278	GKYTEESAAATAMETTS	AGAP002468-PA	M13(Oxidation)	54	2.68E-05	2	1763.769	2.57	Head	2R:+:21836554-21836604	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_26697	YVVYIER	AGAP002468-PA	-	49	0.000100183	1	941.510	0.55	Ovary	2R:+:21836383-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_27757	DDEVQVVR	AGAP002468-PA	-	59	1.65E-05	2	959.479	-0.83	Visceras	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_29084	KYVVYIER	AGAP002468-PA	-	53	2.59E-05	1	1069.605	0.89	Salivary gland	2R:+:21836380-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_32675	DDEVQVVR	AGAP002468-PA	-	59	1.81E-05	2	959.480	1.2	Larva	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_33916	KYVVYIER	AGAP002468-PA	-	34	0.002175731	2	1069.605	0.77	Malpighian tubule	2R:+:21836380-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_34217	KYVVYIER	AGAP002468-PA	-	44	0.000178337	2	1069.607	2.6	Larva	2R:+:21836380-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_35381	YVVYIER	AGAP002468-PA	-	40	0.000774622	1	941.509	-0.62	Salivary gland	2R:+:21836383-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_36685	KYVVYIER	AGAP002468-PA	-	57	1.15E-05	1	1069.603	-0.83	Ovary	2R:+:21836380-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_36775	KYVVYIER	AGAP002468-PA	-	45	0.000136534	2	1069.607	3.17	Head	2R:+:21836380-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_39103	HFQAPSHIR	AGAP002468-PA	-	48	0.000232617	1	1092.569	-0.65	Salivary gland	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_41938	DDEVQVVR	AGAP002468-PA	-	68	2.01E-06	2	959.479	-0.01	Pupa	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_43965	IMSAPLSK	AGAP002468-PA	M2(Oxidation)	42	0.000935807	1	862.472	1.85	Ovary	2R:+:21836236-21836259	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_44870	VVQVYR	AGAP002468-PA	-	41	0.000793464	2	763.446	-0.36	Midgut	2R:+:21836359-21836376	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_45479	YVVYIER	AGAP002468-PA	-	45	0.000243475	2	941.508	-1.26	Pupa	2R:+:21836383-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_49130	DDEVQVVR	AGAP002468-PA	-	59	1.64E-05	2	959.479	0.18	Salivary gland	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_49522	VVQVYR	AGAP002468-PA	-	38	0.001238645	2	763.448	2.04	Larva	2R:+:21836359-21836376	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_51528	ANGTNVYVGVHPSK	AGAP002468-PA	-	67	3.04E-06	1	1442.738	-0.26	Visceras	2R:+:21836419-21836460	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_54364	GKYTEESAAATAMETTS	AGAP002468-PA	-	53	3.70E-05	2	1747.768	-0.67	Visceras	2R:+:21836554-21836604	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_55074	HFQAPSHIR	AGAP002468-PA	-	61	1.23E-05	1	1092.572	1.62	Ovary	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_57970	GKYTEESAAATAMETTS	AGAP002468-PA	M13(Oxidation)	45	0.000252633	1	1747.769	-0.25	Midgut	2R:+:21836554-21836604	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_58004	ANGTNVYVGVHPSK	AGAP002468-PA	N2(Deamidated)	62	1.01E-05	1	1443.725	1.5	Salivary gland	2R:+:21836419-21836460	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_62385	HFQAPSHIR	AGAP002468-PA	-	50	0.000165539	1	1092.567	-2.66	Head	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_64567	KYVVYIER	AGAP002468-PA	-	44	0.000199154	1	1069.604	-0.26	Pupa	2R:+:21836380-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_73939	YVVYIER	AGAP002468-PA	-	49	9.68E-05	1	941.512	3.08	Larva	2R:+:21836383-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA

JHU_Ag_76110	HFQAPSHIR	AGAP002468-PA	-	56	3.42E-05	1	1092.569	-0.98	Visceras	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_77934	KIMSAPLSK	AGAP002468-PA	M3(Oxidation)	49	9.32E-05	1	974.571	0.8	Malpighian tubule	2R:+:21836233-21836259	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_78418	VVQVYR	AGAP002468-PA	-	36	0.001760191	2	763.450	5.08	Head	2R:+:21836359-21836376	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_78873	KYVVYIER	AGAP002468-PA	-	53	2.74E-05	1	1069.603	-0.83	Visceras	2R:+:21836380-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_80901	YVVYIER	AGAP002468-PA	-	45	0.000260669	2	941.509	-0.42	Midgut	2R:+:21836383-21836403	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_84669	VVQVYR	AGAP002468-PA	-	39	0.000947307	1	763.447	1.4	Ovary	2R:+:21836359-21836376	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_85412	ANGTNVYVGVHPSK	AGAP002468-PA	N2(Deamidated)	77	2.98E-07	1	1443.721	-0.85	Midgut	2R:+:21836419-21836460	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_87893	KDDEVQVVR	AGAP002468-PA	-	67	3.59E-06	2	1087.574	-0.34	Salivary gland	2R:+:21836302-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_90817	DDEVQVVR	AGAP002468-PA	-	69	1.95E-06	1	959.478	-1.47	Ovary	2R:+:21836305-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_92760	YTEESAAATAMETTS	AGAP002468-PA	M11(Oxidation)	100	2.23E-10	1	1578.647	-0.62	Ovary	2R:+:21836560-21836604	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_95020	RHFQAPSHIR	AGAP002468-PA	-	59	1.46E-05	1	1248.673	1.45	Pupa	2R:+:21836200-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_98230	YTEESAAATAMETTS	AGAP002468-PA	M11(Oxidation)	30	0.001836665	2	1578.646	-0.85	Visceras	2R:+:21836560-21836604	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_99708	KIMSAPLSK	AGAP002468-PA	M3(Oxidation)	33	0.004469162	2	990.561	-4.12	Larva	2R:+:21836233-21836259	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_100804	KDDEVQVVR	AGAP002468-PA	-	64	7.34E-06	2	1087.574	-0.45	Midgut	2R:+:21836302-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_105527	KDDEVQVVR	AGAP002468-PA	-	62	1.14E-05	1	1087.574	-0.68	Malpighian tubule	2R:+:21836302-21836328	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_108239	GKYTEESAAATAMETTS	AGAP002468-PA	M13(Oxidation)	110	7.33E-11	1	1763.767	1.67	Malpighian tubule	2R:+:21836554-21836604	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_111531	YTEESAAATAMETTS	AGAP002468-PA	M11(Oxidation)	33	0.00103615	2	1578.646	-1.01	Midgut	2R:+:21836560-21836604	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_112769	HFQAPSHIR	AGAP002468-PA	-	56	4.14E-05	1	1092.569	-0.4	Midgut	2R:+:21836203-21836229	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_113510	ANGTNVYVGVHPSK	AGAP002468-PA	N2(Deamidated)	82	8.29E-08	1	1443.721	-0.97	Ovary	2R:+:21836419-21836460	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_114242	ANGTNVYVGVHPSK	AGAP002468-PA	-	81	1.14E-07	1	1442.740	0.93	Head	2R:+:21836419-21836460	exon=> In CDS Exon 1 of transcript AGAP002468-PA
JHU_Ag_94581	NIIGYIDHSINAK	AGAP002469-PA	-	84	5.94E-08	2	1457.777	1.22	Head	2R:+:21839732-21839770	exon=> In CDS Exon 1 of transcript AGAP002469-PA
JHU_Ag_15641	VQDGHHVSAGTILVTQR	AGAP002470-PA	-	59	1.37E-05	1	1817.966	2.2	Head	2R:-:21845193-21845143	exon=> In CDS Exon 1 of transcript AGAP002470-PA
JHU_Ag_1649	VGKPAETGILAVIDPK	AGAP002472-PA	-	22	0.007554074	1	1607.942	3.51	Head	2R:+:21847389-21847436	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_2397	IIPLDKDTNELK	AGAP002472-PA	-	51	5.87E-05	2	1398.784	-0.06	Midgut	2R:+:21847479-21847514	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_3228	DLIFILTHR	AGAP002472-PA	-	65	2.64E-06	1	1127.657	-0.26	Midgut	2R:+:21847278-21847304	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_4045	LVFSNVNLK	AGAP002472-PA	-	58	6.92E-06	1	1033.609	4.32	Ovary	2R:+:21849054-21849080	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_4276	VLACINSTVR	AGAP002472-PA	C4(Carbamidomethyl)	41	0.0009137	1	1132.614	-0.04	Malpighian tubule	2R:+:21849690-21849719	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_4966	VGIDDSPYDNTLILSFVGHTR	AGAP002472-PA	-	107	2.96E-10	1	2319.167	2.45	Malpighian tubule	2R:+:21848298-21848360	exon=> In CDS Exon 3 of transcript AGAP002472-PA

JHU_Ag_6645	LYEGLFK	AGAP002472-PA	-	33	0.002324296	1	869.480	4.18	Ovary	2R:+:21847458-21847478	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_7649	GDFILVGDLMR	AGAP002472-PA	M10(Oxidation)	42	0.00094216	1	1251.641	0.32	Malpighian tubule	2R:+:21849804-21849804,21849884-21849915	exon=> In CDS Exon 3 and 4 of transcript AGAP002472-PA
JHU_Ag_10144	SITLLQYK	AGAP002472-PA	-	50	2.11E-05	1	965.572	5.13	Ovary	2R:+:21849916-21849939	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_12236	VTLGTQPTILK	AGAP002472-PA	-	66	7.33E-07	1	1170.710	0.92	Malpighian tubule	2R:+:21848943-21848975	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_12858	NSVIFGTIDEIQK	AGAP002472-PA	-	49	0.000159457	2	1463.778	2.75	Head	2R:+:21849147-21849185	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_12992	DSAATTDEERQQMPEVAQFHLGDMVNVFR	AGAP002472-PA	M13(Oxidation), M24(Oxidation)	45	0.000273698	1	3353.534	5.37	Malpighian tubule	2R:+:21850069-21850155	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_15868	LYEGLFK	AGAP002472-PA	-	26	0.013009957	1	869.476	-0.38	Midgut	2R:+:21847458-21847478	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_16371	VPTLELLHK	AGAP002472-PA	-	61	8.72E-07	1	1049.636	0.44	Malpighian tubule	2R:+:21848769-21848795	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_21647	CEGFIDGDLVESFLDLSR	AGAP002472-PA	C1(Carbamidomethyl)	86	3.48E-08	2	2071.964	-0.26	Malpighian tubule	2R:+:21850384-21850437	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_22369	LEIYLVTPEGLRPIK	AGAP002472-PA	-	72	8.37E-08	1	1741.032	3.37	Midgut	2R:+:21847060-21847104	exon=> In CDS Exon 2 of transcript AGAP002472-PA
JHU_Ag_24617	VGIDDSPYDNTLILSFVGHTR	AGAP002472-PA	-	211	1.04E-20	1	2319.172	4.35	Ovary	2R:+:21848298-21848360	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_26023	SLSTTNVFACSDRPTVIYSSNHK	AGAP002472-PA	C10(Carbamidomethyl)	151	1.21E-14	1	2584.253	2.58	Ovary	2R:+:21848985-21849053	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_28574	IIPLDKDTNELK	AGAP002472-PA	-	45	0.000274846	1	1398.788	2.65	Ovary	2R:+:21847479-21847514	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_28833	HGSLVMQNISER	AGAP002472-PA	M6(Oxidation)	72	9.83E-07	1	1386.681	0.8	Malpighian tubule	2R:+:21850156-21850191	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_30489	LQENLTNTIK	AGAP002472-PA	-	69	1.97E-06	1	1173.649	1.22	Malpighian tubule	2R:+:21850291-21850320	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_30740	LGNDPNTYFIVGTGLVNPEEPEPK	AGAP002472-PA	-	69	1.86E-06	2	2600.294	2.31	Head	2R:+:21849513-21849584	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_30964	IAYQEASQTFGVITFR	AGAP002472-PA	-	59	1.95E-05	1	1830.941	1.22	Malpighian tubule	2R:+:21849228-21849275	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_33606	AHNYIVTAQKPTAVTACVTGNFTSPTDLNLIVAK	AGAP002472-PA	N-Term(Acetyl), C17(Carbamidomethyl)	32	0.003042373	1	3657.905	2.8	Malpighian tubule	2R:+:21846636-21846693,21847007-21847050	exon=> In CDS Exon 1 and 2 of transcript AGAP002472-PA
JHU_Ag_34344	LGNDPNTYFIVGTGLVNPEEPEPK	AGAP002472-PA	-	143	7.78E-14	1	2600.294	2.4	Ovary	2R:+:21849513-21849584	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_35250	QSTINCYAR	AGAP002472-PA	C6(Carbamidomethyl)	39	0.001547813	2	1112.517	1.83	Malpighian tubule	2R:+:21847818-21847844	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_35414	VGIDDSPYDNTLILSFVGHTR	AGAP002472-PA	-	77	2.79E-07	1	2319.168	2.77	Head	2R:+:21848298-21848360	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_36070	GDFILVGDLMR	AGAP002472-PA	M10(Oxidation)	43	0.001003873	2	1235.645	-0.43	Ovary	2R:+:21849804-21849804,21849884-21849915	exon=> In CDS Exon 3 and 4 of transcript AGAP002472-PA
JHU_Ag_36297	QGQGQMITCSGSFK	AGAP002472-PA	M6(Oxidation), C9(Carbamidomethyl)	73	4.89E-07	1	1544.688	3.33	Ovary	2R:+:21848163-21848204	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_37449	GACYSLVEFNGR	AGAP002472-PA	C3(Carbamidomethyl)	71	1.04E-06	2	1372.639	5.2	Ovary	2R:+:21849654-21849689	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_38752	GQTTLSYEVACLDVSPLEDNATR	AGAP002472-PA	C11(Carbamidomethyl)	77	2.83E-07	1	2539.202	1.58	Ovary	2R:+:21848646-21848714	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_38760	MDVQDSSGLTPAR	AGAP002472-PA	M1(Oxidation)	89	1.74E-08	2	1376.648	0.25	Ovary	2R:+:21849276-21849314	exon=> In CDS Exon 3 of transcript AGAP002472-PA

JHU_Ag_41891	HGDSQLVK	AGAP002472-PA	-	61	7.60E-06	2	883.466	3.39	Ovary	2R:+:21848037-21848060	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_42163	HGSLVMQNISER	AGAP002472-PA	M6(Oxidation)	89	1.95E-08	1	1386.685	3.79	Ovary	2R:+:21850156-21850191	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_43847	LECSHFNNVLALYCK	AGAP002472-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	75	4.01E-07	1	1867.888	2.73	Ovary	2R:+:21849753-21849797	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_43875	KVTLGTQPTILK	AGAP002472-PA	-	33	0.000470099	1	1298.805	0.55	Ovary	2R:+:21848940-21848975	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_44333	VGKPAETGILAVIDPK	AGAP002472-PA	-	71	1.06E-07	1	1607.940	2.07	Ovary	2R:+:21847389-21847436	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_46454	SITLLQYKQMEGSFEEIAR	AGAP002472-PA	M10(Oxidation)	79	1.86E-07	1	2259.143	4.57	Malpighian tubule	2R:+:21849916-21849972	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_48357	TKGDFILVGDLMR	AGAP002472-PA	M12(Oxidation)	34	0.004003263	1	1480.782	-0.4	Malpighian tubule	2R:+:21849798-21849804,21849884-21849915	exon=> In CDS Exon 3 and 4 of transcript AGAP002472-PA
JHU_Ag_48603	SITLLQYK	AGAP002472-PA	-	55	7.26E-06	1	965.568	1.02	Malpighian tubule	2R:+:21849916-21849939	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_52055	VLACINSTVR	AGAP002472-PA	C4(Carbamidomethyl)	68	2.16E-06	2	1132.617	2	Ovary	2R:+:21849690-21849719	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_53483	GACYSLVEFNGR	AGAP002472-PA	C3(Carbamidomethyl)	70	9.35E-07	2	1372.632	0.3	Malpighian tubule	2R:+:21849654-21849689	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_57357	AHNYIVTAQKPTAVTACVTGNFTSPTDLNLIVAK	AGAP002472-PA	N-Term(Acetyl), C17(Carbamidomethyl)	267	9.75E-27	1	3657.909	4	Ovary	2R:+:21846636-21846693,21847007-21847050	exon=> In CDS Exon 1 and 2 of transcript AGAP002472-PA
JHU_Ag_58648	LGGEIIPR	AGAP002472-PA	-	48	7.27E-05	2	854.510	0.17	Midgut	2R:+:21848802-21848825	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_59616	LVFSNVNLK	AGAP002472-PA	-	58	8.82E-06	1	1033.604	-0.52	Malpighian tubule	2R:+:21849054-21849080	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_61402	NSVIFGTIDEIQK	AGAP002472-PA	-	105	3.91E-10	1	1463.781	4.5	Ovary	2R:+:21849147-21849185	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_62136	VGKPAETGILAVIDPKAR	AGAP002472-PA	-	29	0.001271284	4	1835.083	4.5	Malpighian tubule	2R:+:21847389-21847442	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_62218	YLLGNMAGNLFMMFLETEENAK	AGAP002472-PA	M6(Oxidation), M12(Oxidation), M13(Oxidation)	137	2.88E-13	1	2584.183	2.4	Ovary	2R:+:21847866-21847931	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_69363	MEEMHVQDVEFLYGTTHPTLIVIHQDINGR	AGAP002472-PA	M1(Oxidation), M4(Oxidation)	113	7.48E-11	1	3554.720	4.28	Ovary	2R:+:21847530-21847619	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_70954	IAYQEASQTFGVITFRMDVQDSSGLTPAR	AGAP002472-PA	M17(Oxidation)	94	4.67E-09	1	3204.560	-1.01	Malpighian tubule	2R:+:21849228-21849314	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_71190	IIPLDKDTNELK	AGAP002472-PA	-	50	7.28E-05	1	1398.785	0.55	Malpighian tubule	2R:+:21847479-21847514	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_73749	EATVDDIIK	AGAP002472-PA	-	42	0.001229043	2	1003.534	3.06	Ovary	2R:+:21850495-21850521	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_75144	NSVIFGTIDEIQK	AGAP002472-PA	-	94	4.71E-09	1	1463.777	2.16	Malpighian tubule	2R:+:21849147-21849185	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_75749	LFRPAEETKDLIFILTHR	AGAP002472-PA	-	44	0.000121983	1	2199.231	0.94	Malpighian tubule	2R:+:21847141-21847155,21847266-21847304	exon=> In CDS Exon 2 and 3 of transcript AGAP002472-PA
JHU_Ag_77355	NSVIFGTIDEIQKLHIR	AGAP002472-PA	-	66	1.04E-06	1	1983.111	4.37	Malpighian tubule	2R:+:21849147-21849197	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_78058	EVNHMCSLNAEAYQDSLALATR	AGAP002472-PA	M5(Oxidation), C6(Carbamidomethyl)	115	4.53E-11	1	2509.148	1.26	Malpighian tubule	2R:+:21849081-21849146	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_78158	LEIYLVTPEGLRPIK	AGAP002472-PA	-	72	1.16E-07	1	1741.035	5.15	Ovary	2R:+:21847060-21847104	exon=> In CDS Exon 2 of transcript AGAP002472-PA
JHU_Ag_79622	NSVIFGTIDEIQK	AGAP002472-PA	-	62	7.86E-06	2	1463.773	-0.42	Midgut	2R:+:21849147-21849185	exon=> In CDS Exon 3 of transcript AGAP002472-PA

JHU_Ag_80709	LGNDPNTYFIVGTGLVNPEEPEPK	AGAP002472-PA	-	103	7.86E-10	1	2600.293	1.93	Malpighian tubule	2R:+:21849513-21849584	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_81106	HGDSQLVK	AGAP002472-PA	-	40	0.000917748	2	883.463	-0.2	Malpighian tubule	2R:+:21848037-21848060	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_81361	LFRPAEETKDLIFILTHR	AGAP002472-PA	-	128	3.78E-13	1	2199.240	5.13	Ovary	2R:+:21847141-21847155,21847266-21847304	exon=> In CDS Exon 2 and 3 of transcript AGAP002472-PA
JHU_Ag_88594	VGKPAETGILAVIDPK	AGAP002472-PA	-	80	1.57E-08	2	1607.937	0.25	Midgut	2R:+:21847389-21847436	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_93532	KLQENLTNTIK	AGAP002472-PA	-	71	6.37E-07	1	1301.742	-0.03	Malpighian tubule	2R:+:21850288-21850320	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_94114	VGKPAETGILAVIDPK	AGAP002472-PA	-	44	6.18E-05	1	1607.939	1.27	Malpighian tubule	2R:+:21847389-21847436	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_94248	LEIYLVTPEGLRPIK	AGAP002472-PA	-	72	9.51E-08	1	1741.025	-0.63	Malpighian tubule	2R:+:21847060-21847104	exon=> In CDS Exon 2 of transcript AGAP002472-PA
JHU_Ag_95149	VPTLELLHK	AGAP002472-PA	-	64	3.67E-07	1	1049.639	3.39	Ovary	2R:+:21848769-21848795	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_95452	KVTLGTQPTILK	AGAP002472-PA	-	40	0.000117271	1	1298.804	-0.39	Midgut	2R:+:21848940-21848975	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_95660	KLQENLTNTIK	AGAP002472-PA	-	85	1.94E-08	1	1301.746	2.88	Ovary	2R:+:21850288-21850320	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_97149	MDVQDSSGLTPAR	AGAP002472-PA	M1(Oxidation)	56	2.97E-05	1	1392.644	0.92	Malpighian tubule	2R:+:21849276-21849314	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_98517	THEISLK	AGAP002472-PA	-	38	0.000966387	1	827.463	1	Malpighian tubule	2R:+:21847629-21847649	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_99195	DLIFILTHR	AGAP002472-PA	-	65	2.55E-06	1	1127.656	-0.8	Ovary	2R:+:21847278-21847304	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_100306	SLSTTNVFACSDRPTVIYSSNHK	AGAP002472-PA	C10(Carbamidomethyl)	102	8.62E-10	1	2584.252	2.37	Head	2R:+:21848985-21849053	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_101098	CEGFIDGDLVESFLDLSR	AGAP002472-PA	C1(Carbamidomethyl)	168	2.40E-16	1	2071.974	4.69	Ovary	2R:+:21850384-21850437	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_101344	DLIFILTHR	AGAP002472-PA	-	65	1.98E-06	1	1127.659	2.01	Malpighian tubule	2R:+:21847278-21847304	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_102144	IAYQEASQTFGVITFR	AGAP002472-PA	-	123	6.99E-12	1	1830.940	0.52	Ovary	2R:+:21849228-21849275	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_102756	VGIDDSPYDNTLILSFVGHTR	AGAP002472-PA	-	130	1.54E-12	1	2319.161	-0.31	Midgut	2R:+:21848298-21848360	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_105803	LYEWTDDKDLR	AGAP002472-PA	-	36	0.003103695	2	1453.697	1.1	Ovary	2R:+:21849720-21849752	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_106252	KVTLGTQPTILK	AGAP002472-PA	-	38	0.000152308	2	1298.809	3.55	Malpighian tubule	2R:+:21848940-21848975	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_107722	LECSHFNNVLALYCK	AGAP002472-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	43	0.000606145	1	1867.888	2.85	Malpighian tubule	2R:+:21849753-21849797	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_108630	QMEGSFEEIAR	AGAP002472-PA	M2(Oxidation)	59	1.13E-05	2	1312.584	-0.25	Malpighian tubule	2R:+:21849940-21849972	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_109729	VTLGTQPTILK	AGAP002472-PA	-	65	9.54E-07	1	1170.710	0.6	Ovary	2R:+:21848943-21848975	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_110181	NSVIFGTIDEIQKLHIR	AGAP002472-PA	-	42	0.000385 83	1	1983.102	-0.34	Ovary	2R:+:21849147-21849197	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_110551	IVEDLTR	AGAP002472-PA	-	43	0.001158051	1	845.472	-0.78	Malpighian tubule	2R:+:21850522-21850542	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_113533	EATVDDIIK	AGAP002472-PA	-	41	0.001677069	2	1003.531	0.62	Malpighian tubule	2R:+:21850495-21850521	exon=> In CDS Exon 4 of transcript AGAP002472-PA
JHU_Ag_114882	LGGEIIPR	AGAP002472-PA	-	65	1.45E-06	2	854.512	3.32	Malpighian tubule	2R:+:21848802-21848825	exon=> In CDS Exon 3 of transcript AGAP002472-PA

JHU_Ag_116595	YLLGNMAGNLFMMFLETEENAK	AGAP002472-PA	M6(Oxidation), M12(Oxidation), M13(Oxidation)	114	5.44E-11	1	2584.183	2.21	Malpighian tubule	2R:+:21847866-21847931	exon=> In CDS Exon 3 of transcript AGAP002472-PA
JHU_Ag_3677	GMFNPEDMIANR	AGAP002473-PA	-	47	0.000187724	2	1394.624	3.39	Head	2R:-:21851069-21851034	exon=> In CDS Exon 4 of transcript AGAP002473-PA
JHU_Ag_4911	HVIDSHTAPTPAVLEIPSKDHPYDASK	AGAP002473-PA	-	147	2.69E-14	1	2925.476	0.44	Malpighian tubule	2R:-:21851260-21851180	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_7158	GMFNPEDMIANR	AGAP002473-PA	M2(Oxidation), M8(Oxidation)	71	6.32E-07	1	1394.624	3.48	Malpighian tubule	2R:-:21851069-21851034	exon=> In CDS Exon 4 of transcript AGAP002473-PA
JHU_Ag_8720	HPNFMVVDK	AGAP002473-PA	-	52	6.65E-05	2	1086.541	1.08	Malpighian tubule	2R:-:21851475-21851449	exon=> In CDS Exon 2 of transcript AGAP002473-PA
JHU_Ag_9043	ALLSAMK	AGAP002473-PA	N-Term(Acetyl), M6(Oxidation)	45	0.000449491	2	791.433	-0.45	Ovary	2R:-:21851738-21851718	exon=> In CDS Exon 1 of transcript AGAP002473-PA
JHU_Ag_12788	DHPYDASK	AGAP002473-PA	-	50	3.97E-05	1	932.412	0.81	Malpighian tubule	2R:-:21851203-21851180	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_22456	NTAVSEIEDCFKR	AGAP002473-PA	C10(Carbamidomethyl)	99	1.91E-09	1	1568.741	2.3	Malpighian tubule	2R:-:21851448-21851529,21851156-21851324	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA
JHU_Ag_22623	HVIDSHTAPTPAVLEIPSK	AGAP002473-PA	-	128	1.25E-12	1	2012.083	0.8	Head	2R:-:21851260-21851204	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_26629	NTAVSEIEDCFK	AGAP002473-PA	C10(Carbamidomethyl)	78	1.40E-07	2	1412.636	-0.01	Ovary	2R:-:21851448-21851529,21851156-21851327	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA
JHU_Ag_31197	HVIDSHTAPTPAVLEIPSKDHPYDASK	AGAP002473-PA	-	106	2.90E-10	1	2925.479	1.51	Ovary	2R:-:21851260-21851180	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_44125	HVIDSHTAPTPAVLEIPSKDHPYDASK	AGAP002473-PA	-	85	3.40E-08	1	2925.473	-0.47	Salivary gland	2R:-:21851260-21851180	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_54614	NRHPNFMVVDK	AGAP002473-PA	M7(Oxidation)	44	0.000469789	1	1372.678	-0.7	Head	2R:-:21851481-21851449	exon=> In CDS Exon 2 of transcript AGAP002473-PA
JHU_Ag_56583	ALLSAMKGK	AGAP002473-PA	N-Term(Acetyl)	51	4.51E-05	2	960.556	1.34	Malpighian tubule	2R:-:21851738-21851712	exon=> In CDS Exon 1 of transcript AGAP002473-PA
JHU_Ag_63668	NRHPNFMVVDK	AGAP002473-PA	M7(Oxidation)	59	1.58E-05	2	1372.683	2.96	Malpighian tubule	2R:-:21851481-21851449	exon=> In CDS Exon 2 of transcript AGAP002473-PA
JHU_Ag_65598	GMFNPEDMIANRG	AGAP002473-PA	M2(Oxidation),M8(Oxidation),"M2(Oxidation), M8(Oxidation)"	97	1.76E-09	1	1451.646	3.35	Malpighian tubule	2R:-:21851069-21851031	exon=> In CDS Exon 4 of transcript AGAP002473-PA
JHU_Ag_66379	NTAVSEIEDCFKR	AGAP002473-PA	C10(Carbamidomethyl)	93	7.11E-09	1	1568.738	0.51	Midgut	2R:-:21851448-21851529,21851156-21851324	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA
JHU_Ag_70231	ALLSAMK	AGAP002473-PA	N-Term(Acetyl)	47	0.000376388	1	775.441	3.63	Visceras	2R:-:21851738-21851718	exon=> In CDS Exon 1 of transcript AGAP002473-PA
JHU_Ag_71149	HVIDSHTAPTPAVLEIPSK	AGAP002473-PA	-	106	2.30E-10	1	2012.084	1.61	Malpighian tubule	2R:-:21851260-21851204	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_75468	RDDIDIILINQNYAELIR	AGAP002473-PA	-	86	1.90E-08	1	2187.178	0.48	Salivary gland	2R:-:21851314-21851261	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_76534	ALLSAMK	AGAP002473-PA	N-Term(Acetyl)	55	5.43E-05	2	775.440	1.64	Malpighian tubule	2R:-:21851738-21851718	exon=> In CDS Exon 1 of transcript AGAP002473-PA
JHU_Ag_76862	HVIDSHTAPTPAVLEIPSK	AGAP002473-PA	-	108	1.57E-10	1	2012.080	-0.48	Ovary	2R:-:21851260-21851204	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_78712	RDDIDIILINQNYAELIR	AGAP002473-PA	-	79	8.79E-08	1	2187.179	0.73	Ovary	2R:-:21851314-21851261	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_88724	NTAVSEIEDCFKR	AGAP002473-PA	C10(Carbamidomethyl)	85	5.23E-08	1	1568.741	2.3	Visceras	2R:-:21851448-21851529,21851156-21851324	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA

JHU_Ag_91070	NTAVSEIEDCFK	AGAP002473-PA	C10(Carbamidomethyl)	104	4.18E-10	1	1412.640	2.5	Malpighian tubule	2R:-:21851448-21851529,21851156-21851327	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA
JHU_Ag_94467	NTAVSEIEDCFK	AGAP002473-PA	C10(Carbamidomethyl)	49	0.000114026	2	1412.639	2.16	Midgut	2R:-:21851448-21851529,21851156-21851327	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA
JHU_Ag_95725	GMFNPEDMIANRG	AGAP002473-PA	-	75	2.80E-07	2	1451.644	2.01	Head	2R:-:21851069-21851031	exon=> In CDS Exon 4 of transcript AGAP002473-PA
JHU_Ag_95952	RDDIDIILINQNYAELIR	AGAP002473-PA	-	79	8.25E-08	1	2187.191	6.43	Malpighian tubule	2R:-:21851314-21851261	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_96742	NTAVSEIEDCFK	AGAP002473-PA	C10(Carbamidomethyl)	91	7.82E-09	2	1412.638	1.38	Head	2R:-:21851448-21851529,21851156-21851327	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA
JHU_Ag_97085	NTAVSEIEDCFKR	AGAP002473-PA	C10(Carbamidomethyl)	60	1.58E-05	1	1568.739	1.05	Ovary	2R:-:21851448-21851529,21851156-21851324	exon=> In CDS Exon 3 and 2 of transcript AGAP002473-PA
JHU_Ag_106624	ALLSAMK	AGAP002473-PA	N-Term(Acetyl)	47	0.000381217	1	775.439	0.88	Midgut	2R:-:21851738-21851718	exon=> In CDS Exon 1 of transcript AGAP002473-PA
JHU_Ag_106689	HVIDSHTAPTPAVLEIPSKDHPYDASK	AGAP002473-PA	-	107	2.43E-10	1	2925.479	1.52	Visceras	2R:-:21851260-21851180	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_108383	HVIDSHTAPTPAVLEIPSKDHPYDASK	AGAP002473-PA	-	102	7.78E-10	1	2925.471	-1.07	Midgut	2R:-:21851260-21851180	exon=> In CDS Exon 3 of transcript AGAP002473-PA
JHU_Ag_109530	GMFNPEDMIANR	AGAP002473-PA	M2(Oxidation), M8(Oxidation)	62	2.83E-06	1	1426.608	-0.51	Ovary	2R:-:21851069-21851034	exon=> In CDS Exon 4 of transcript AGAP002473-PA
JHU_Ag_113976	HPNFMVVDK	AGAP002473-PA	M5(Oxidation)	36	0.003228776	1	1102.535	-0.3	Ovary	2R:-:21851475-21851449	exon=> In CDS Exon 2 of transcript AGAP002473-PA
JHU_Ag_116238	ALLSAMK	AGAP002473-PA	N-Term(Acetyl), M6(Oxidation)	49	0.00016547	2	791.434	0.63	Malpighian tubule	2R:-:21851738-21851718	exon=> In CDS Exon 1 of transcript AGAP002473-PA
JHU_Ag_116815	ALLSAMK	AGAP002473-PA	-	37	0.00100969	2	733.436	11.23	Male reproductive organs	2R:-:21851738-21851718	exon=> In CDS Exon 1 of transcript AGAP002473-PA
JHU_Ag_4229	VVLASSPDLESGFSR	AGAP002474-PA	-	43	0.000720848	2	1563.804	1.98	Salivary gland	2R:+:21853348-21853392	exon=> In CDS Exon 2 of transcript AGAP002474-PA
JHU_Ag_73124	VVLASSPDLESGFSR	AGAP002474-PA	-	48	0.000226512	2	1563.804	1.36	Ovary	2R:+:21853348-21853392	exon=> In CDS Exon 2 of transcript AGAP002474-PA
JHU_Ag_74290	GYGITITPLPAGHLIGGTIWK	AGAP002474-PA	-	44	0.000131536	1	2165.212	0.28	Ovary	2R:+:21852796-21852858	exon=> In CDS Exon 2 of transcript AGAP002474-PA
JHU_Ag_89907	LGLNCPIYATIPVYK	AGAP002474-PA	C5(Carbamidomethyl)	60	8.42E-06	1	1721.931	0.96	Ovary	2R:+:21852607-21852651	exon=> In CDS Exon 2 of transcript AGAP002474-PA
JHU_Ag_104773	VFTPNRGEIIDATTETHIYQVR	AGAP002474-PA	-	65	3.47E-06	1	2560.320	1.64	Ovary	2R:+:21854131-21854196	exon=> In CDS Exon 2 of transcript AGAP002474-PA
JHU_Ag_71313	LPSDLCQLPAYAIK	AGAP002475-PA	C6(Carbamidomethyl)	64	6.19E-06	2	1588.841	0.29	Ovary	2R:-:21856081-21856040	exon=> In CDS Exon 3 of transcript AGAP002475-PA
JHU_Ag_100421	NSLTTLQQMPK	AGAP002475-PA	M9(Oxidation)	39	0.002293305	2	1276.656	-0.63	Ovary	2R:-:21856285-21856253	exon=> In CDS Exon 3 of transcript AGAP002475-PA
JHU_Ag_4727	YESGDWMQK	AGAP002477-PA	M7(Oxidation)	64	1.29E-06	1	1159.471	-1.08	Ovary	2R:+:21862322-21862348	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_6577	ITYGEITDQEGK	AGAP002477-PA	-	45	0.000503921	2	1353.654	0.59	Visceras	2R:+:21862445-21862480	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_14789	DAVMSYLK	AGAP002477-PA	M4(Oxidation)	39	0.001064828	1	942.459	-1.24	Ovary	2R:+:21862391-21862414	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_14815	TVNTVTLLGR	AGAP002477-PA	-	64	2.60E-06	2	1073.633	1.26	Ovary	2R:+:21862004-21862004,21862139-21862167	exon=> In CDS Exon 1 and 2 of transcript AGAP002477-PA
JHU_Ag_60744	VVVFKPGLR	AGAP002477-PA	-	47	1.57E-05	1	1014.646	0.24	Ovary	2R:+:21862364-21862390	exon=> In CDS Exon 3 of transcript AGAP002477-PA

JHU_Ag_70416	ITYGEITDQEGK	AGAP002477-PA	-	85	4.83E-08	1	1353.655	0.95	Ovary	2R:+:21862445-21862480	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_82075	ITYGEITDQEGK	AGAP002477-PA	-	64	5.71E-06	2	1353.652	-0.67	Head	2R:+:21862445-21862480	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_86640	ITYGEITDQEGK	AGAP002477-PA	-	58	2.36E-05	2	1353.652	-0.67	Midgut	2R:+:21862445-21862480	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_86779	VVVFKPGLR	AGAP002477-PA	-	48	1.23E-05	1	1014.647	1.02	Male reproductive organs	2R:+:21862364-21862390	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_94858	GTTSIIADDVIFLQN	AGAP002477-PA	-	97	2.91E-09	1	1606.832	-0.32	Ovary	2R:+:21862487-21862531	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_111198	GNDEHPVVMFSVATHSNYK	AGAP002477-PA	M9(Oxidation)	86	2.98E-08	1	2147.985	1.67	Ovary	2R:+:21862192-21862247,21862321-21862321	exon=> In CDS Exon 2 and 3 of transcript AGAP002477-PA
JHU_Ag_115136	VVVFKPGLR	AGAP002477-PA	-	41	0.000162994	2	1014.646	-0.24	Head	2R:+:21862364-21862390	exon=> In CDS Exon 3 of transcript AGAP002477-PA
JHU_Ag_1265	ELDIMEPKTPEDVYK	AGAP002481-PA	M5(Oxidation)	53	7.88E-05	2	1822.884	3.14	Malpighian tubule	2R:-:21872732-21872688	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_1898	LNILDTLSK	AGAP002481-PA	-	34	0.003727622	2	1016.600	1.14	Pupa	2R:-:21871604-21871578	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_2813	LQEADVELYRPSLEAMANLIR	AGAP002481-PA	M16(Oxidation)	78	1.90E-07	1	2447.271	4.5	Larva	2R:-:21873563-21873501	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_4266	VGMAVDVVGQAGKPK	AGAP002481-PA	M3(Oxidation)	67	1.72E-06	1	1471.799	3.43	Male reproductive organs	2R:-:21871107-21871217,21870842-21870989	exon=> In CDS Exon 3 and 2 of transcript AGAP002481-PA
JHU_Ag_5134	MLITFTEDLNSCPVPVR	AGAP002481-PA	C12(Carbamidomethyl),"M1(Oxidation),C12(Carbamidomethyl)"	126	4.42E-12	2	2007.999	5.44	Malpighian tubule	2R:-:21871158-21871108	exon=> In CDS Exon 2 of transcript AGAP002481-PA
JHU_Ag_6852	LQEADVELYRPSLEAMANLIR	AGAP002481-PA	-	68	2.01E-06	1	2431.267	0.81	Pupa	2R:-:21873563-21873501	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_7375	LDLLENYVDESAYPR	AGAP002481-PA	-	113	7.83E-11	2	1796.874	2.03	Midgut	2R:-:21873098-21873054	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_7467	LDLLENYVDESAYPR	AGAP002481-PA	-	113	6.81E-11	2	1796.876	3.39	Pupa	2R:-:21873098-21873054	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_7612	FSHDSDAEVAHNAIFAMGLVGAGTNNAR	AGAP002481-PA	-	92	7.28E-09	1	2872.342	-0.38	Ovary	2R:-:21871577-21871494	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_8363	QNLAASFVNGFVNAGFGQDK	AGAP002481-PA	-	71	1.16E-06	2	2084.022	1.01	Ovary	2R:-:21872633-21872574	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_8582	ASTTSMTSVPKPLK	AGAP002481-PA	M6(Oxidation)	79	1.58E-07	1	1463.777	-0.22	Salivary gland	2R:-:21873500-21873459	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_9045	LDLLENYVDESAYPR	AGAP002481-PA	-	121	1.24E-11	2	1796.876	3.46	Malpighian tubule	2R:-:21873098-21873054	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_9508	DPNNLFMVR	AGAP002481-PA	-	43	0.000880064	2	1105.548	1.87	Malpighian tubule	2R:-:21871451-21871425	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_9732	HLSGEIAANWPESTDNLFK	AGAP002481-PA	-	55	4.89E-05	2	2129.037	3.29	Head	2R:-:21873251-21873195	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_11601	TPEDVYKSHLDNSR	AGAP002481-PA	-	36	0.003498875	1	1660.798	3.3	Malpighian tubule	2R:-:21872708-21872667	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_12135	LLSDNSTESLGEWGHEYVR	AGAP002481-PA	-	94	5.11E-09	2	2192.029	1.74	Salivary gland	2R:-:21873308-21873252	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_12540	APFGSQIDSAR	AGAP002481-PA	-	62	1.20E-05	2	1148.569	-0.12	Male reproductive organs	2R:-:21872666-21872634	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_13328	VCLYLQSCVPYVAEPENVSLLK	AGAP002481-PA	C2(Carbamidomethyl),C8(Carbamidomethyl)	34	0.003937 55	2	2581.320	6.09	Head	2R:-:21873053-21872988	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_13551	LQEADVELYRPSLEAMANLIR	AGAP002481-PA	M16(Oxidation)	96	2.67E-09	1	2431.283	7.44	Malpighian tubule	2R:-:21873563-21873501	exon=> In CDS Exon 1 of transcript AGAP002481-PA

JHU_Ag_14510	FSHDSDAEVAHNAIFAMGLVGAGTNNAR	AGAP002481-PA	M17(Oxidation)	80	1.21E-07	1	2888.337	-0.3	Head	2R:-:21871577-21871494	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_16846	LQEADVELYRPSLEAMANLIR	AGAP002481-PA	M16(Oxidation)	96	3.14E-09	1	2431.275	4.05	Ovary	2R:-:21873563-21873501	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_16913	IQQLLHLCSEHYEPSASSSEEPASK	AGAP002481-PA	C8(Carbamidomethyl)	112	7.90E-11	1	2827.326	2.12	Male reproductive organs	2R:-:21871907-21871833	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_17574	ASTTSMTSVPKPLK	AGAP002481-PA	M6(Oxidation)	66	2.83E-06	1	1463.781	2.19	Larva	2R:-:21873500-21873459	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_18668	FSHDSDAEVAHNAIFAMGLVGAGTNNAR	AGAP002481-PA	M17(Oxidation)	53	6.92E-05	1	2888.346	2.74	Salivary gland	2R:-:21871577-21871494	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_19121	DPNNLFMVR	AGAP002481-PA	M7(Oxidation)	59	1.79E-05	2	1121.541	0.18	Salivary gland	2R:-:21871451-21871425	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_19425	LNILDTLSK	AGAP002481-PA	-	41	0.000681447	2	1016.599	0.12	Malpighian tubule	2R:-:21871604-21871578	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_19976	IGAILGLGLAYAGSNR	AGAP002481-PA	-	85	1.22E-08	2	1545.884	5.83	Malpighian tubule	2R:-:21872306-21872259	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_21552	GTFTISPYHSDR	AGAP002481-PA	-	50	0.000137891	1	1380.657	1.63	Ovary	2R:-:21871394-21871359	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_22344	HLSGEIAANWPESTDNLFK	AGAP002481-PA	-	96	3.99E-09	1	2129.031	0.66	Midgut	2R:-:21873251-21873195	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_23555	LQEADVELYRPSLEAMANLIR	AGAP002481-PA	M16(Oxidation)	95	3.96E-09	1	2447.262	0.61	Salivary gland	2R:-:21873563-21873501	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_23616	VCLYLQSCVPYVAEPENVSLLK	AGAP002481-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	60	1.23E-05	1	2581.311	2.5	Ovary	2R:-:21873053-21872988	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_24620	VGMAVDVVGQAGKPK	AGAP002481-PA	M3(Oxidation)	86	2.58E-08	1	1455.801	1.32	Ovary	2R:-:21871107-21871217,21870842-21870989	exon=> In CDS Exon 3 and 2 of transcript AGAP002481-PA
JHU_Ag_25654	LNILDTLSK	AGAP002481-PA	-	49	0.000115828	2	1016.600	1.26	Visceras	2R:-:21871604-21871578	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_25741	SFGNLLR	AGAP002481-PA	-	46	0.000321526	2	806.452	-0.45	Male reproductive organs	2R:-:21871694-21871674	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_28992	TITGFQTHTTPVLLAMGER	AGAP002481-PA	M16(Oxidation)	40	0.001079063	1	2089.084	4.41	Malpighian tubule	2R:-:21870988-21870932	exon=> In CDS Exon 3 of transcript AGAP002481-PA
JHU_Ag_29001	LAMMINDTELIK	AGAP002481-PA	M3(Oxidation), M4(Oxidation)	51	0.000130568	2	1423.724	4.64	Larva	2R:-:21872936-21872901	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_29097	FLPLGLGLVYLGR	AGAP002481-PA	-	80	1.37E-08	1	1417.861	3.25	Malpighian tubule	2R:-:21872063-21872025	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_30191	LLSDNSTESLGEWGHEYVR	AGAP002481-PA	-	141	1.12E-13	1	2192.023	-1.38	Midgut	2R:-:21873308-21873252	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_31070	SEADLKDTYAR	AGAP002481-PA	-	51	0.000112154	1	1268.611	-0.35	Salivary gland	2R:-:21872096-21872064	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_34100	YLYSNEDYIK	AGAP002481-PA	-	45	0.000529635	2	1307.615	-0.39	Pupa	2R:-:21872447-21872418	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_35340	VGMAVDVVGQAGKPK	AGAP002481-PA	M3(Oxidation)	123	3.99E-12	1	1455.804	3.5	Malpighian tubule	2R:-:21871107-21871217,21870842-21870989	exon=> In CDS Exon 3 and 2 of transcript AGAP002481-PA
JHU_Ag_35833	AVPLALGLISVSNPK	AGAP002481-PA	-	72	4.90E-08	2	1478.899	3.25	Visceras	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_36316	QLAFMLGR	AGAP002481-PA	M5(Oxidation)	41	0.000762283	2	951.507	-0.84	Salivary gland	2R:-:21872861-21872838	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_37063	MLITFTEDLNSCPVPVR	AGAP002481-PA	C12(Carbamidomethyl),"M1(Oxidation), C12(Carbamidomethyl)"	117	3.74E-11	2	2007.988	-0.16	Ovary	2R:-:21871158-21871108	exon=> In CDS Exon 2 of transcript AGAP002481-PA
JHU_Ag_37463	IAQGLTHLGK	AGAP002481-PA	-	69	4.07E-07	2	1037.613	2.26	Malpighian tubule	2R:-:21871424-21871395	exon=> In CDS Exon 1 of transcript AGAP002481-PA

JHU_Ag_38020	SFGNLLR	AGAP002481-PA	-	47	0.000293911	2	806.452	0.38	Salivary gland	2R:-:21871694-21871674	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_38596	SGALLACGIVNCGVR	AGAP002481-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	62	1.24E-05	2	1546.785	1.15	Ovary	2R:-:21872417-21872373	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_38744	MLITFTEDLNSCPVPVR	AGAP002481-PA	M1(Oxidation), C12(Carbamidomethyl)	112	1.01E-10	2	2007.985	-1.49	Salivary gland	2R:-:21871158-21871108	exon=> In CDS Exon 2 of transcript AGAP002481-PA
JHU_Ag_40134	QNLAASFVNGFVNAGFGQDK	AGAP002481-PA	-	107	3.19E-10	2	2084.028	3.93	Head	2R:-:21872633-21872574	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_40164	SVVLELIGSVFSSER	AGAP002481-PA	-	68	1.17E-06	2	1621.883	1.98	Midgut	2R:-:21872258-21872214	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_42272	ASTTSMTSVPKPLK	AGAP002481-PA	-	101	8.99E-10	1	1447.782	-0.2	Ovary	2R:-:21873500-21873459	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_44220	SEADLKDTYAR	AGAP002481-PA	-	35	0.004840251	1	1268.612	0.36	Midgut	2R:-:21872096-21872064	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_44515	AVPLALGLISVSNPK	AGAP002481-PA	-	76	1.99E-08	2	1478.894	-0.05	Midgut	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_46224	AVPLALGLISVSNPK	AGAP002481-PA	-	72	5.42E-08	2	1478.902	5.39	Malpighian tubule	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_47213	LCAEIISVLAMTMGTGK	AGAP002481-PA	C2(Carbamidomethyl), M11(Oxidation), M13(Oxidation)	49	0.000188371	2	1826.910	2.28	Salivary gland	2R:-:21873377-21873327	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_47998	IAQGLTHLGK	AGAP002481-PA	-	54	1.28E-05	2	1037.611	0.38	Midgut	2R:-:21871424-21871395	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_48691	LDLLENYVDESAYPR	AGAP002481-PA	-	85	4.79E-08	1	1796.878	4.27	Ovary	2R:-:21873098-21873054	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_50117	AVPLALGLISVSNPK	AGAP002481-PA	-	88	1.16E-09	1	1478.896	1.02	Ovary	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_50291	GTFTISPYHSDR	AGAP002481-PA	-	37	0.003142594	1	1380.653	-0.76	Midgut	2R:-:21871394-21871359	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_50836	QLAFMLGR	AGAP002481-PA	M5(Oxidation)	35	0.003333015	2	951.510	1.86	Ovary	2R:-:21872861-21872838	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_51099	LDLLENYVDESAYPR	AGAP002481-PA	-	94	6.57E-09	2	1796.871	0.26	Salivary gland	2R:-:21873098-21873054	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_52522	HLSGEIAANWPESTDNLFK	AGAP002481-PA	-	36	0.003864634	1	2129.034	1.71	Larva	2R:-:21873251-21873195	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_52635	SGALLACGIVNCGVR	AGAP002481-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	48	0.000281385	2	1546.782	-0.82	Pupa	2R:-:21872417-21872373	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_52825	ELDIMEPKTPEDVYK	AGAP002481-PA	M5(Oxidation)	37	0.002811251	1	1822.878	0.05	Ovary	2R:-:21872732-21872688	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_53362	AVPLALGLISVSNPK	AGAP002481-PA	-	73	4.40E-08	1	1478.895	0.28	Male reproductive organs	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_54358	IAQGLTHLGK	AGAP002481-PA	-	59	3.77E-06	2	1037.614	4.02	Ovary	2R:-:21871424-21871395	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_54661	SHLDNSRAPFGSQIDSAR	AGAP002481-PA	-	75	5.60E-07	1	1957.950	1.08	Malpighian tubule	2R:-:21872687-21872634	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_55129	ASTTSMTSVPKPLK	AGAP002481-PA	M6(Oxidation)	50	9.88E-05	2	1447.785	1.66	Malpighian tubule	2R:-:21873500-21873459	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_57141	MLITFTEDLNSCPVPVR	AGAP002481-PA	C12(Carbamidomethyl)	57	3.31E-05	2	1991.988	-2.28	Midgut	2R:-:21871158-21871108	exon=> In CDS Exon 2 of transcript AGAP002481-PA
JHU_Ag_57493	LDLLENYVDESAYPR	AGAP002481-PA	-	63	7.07E-06	2	1796.872	1.08	Male reproductive organs	2R:-:21873098-21873054	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_57659	SGALLACGIVNCGVR	AGAP002481-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	92	1.14E-08	2	1546.784	0.92	Head	2R:-:21872417-21872373	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_57709	LLSDNSTESLGEWGHEYVR	AGAP002481-PA	-	132	9.44E-13	1	2192.025	-0.15	Ovary	2R:-:21873308-21873252	exon=> In CDS Exon 1 of transcript AGAP002481-PA

JHU_Ag_57856	SVVLELIGSVFSSER	AGAP002481-PA	-	43	0.000311667	1	1621.887	4.69	Ovary	2R:-:21872258-21872214	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_58411	QNLAASFVNGFVNAGFGQDK	AGAP002481-PA	-	37	0.00292298	3	2084.027	3.49	Malpighian tubule	2R:-:21872633-21872574	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_59127	HLSGEIAANWPESTDNLFK	AGAP002481-PA	-	61	1.15E-05	2	2129.027	-1.29	Salivary gland	2R:-:21873251-21873195	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_60365	SEADLKDTYAR	AGAP002481-PA	-	70	1.49E-06	1	1268.612	0.36	Pupa	2R:-:21872096-21872064	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_60431	IQQLLHLCSEHYEPSASSSEEPASK	AGAP002481-PA	C8(Carbamidomethyl)	87	2.65E-08	1	2827.321	0.04	Salivary gland	2R:-:21871907-21871833	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_62524	SGALLACGIVNCGVR	AGAP002481-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	82	1.23E-07	1	1546.783	0.29	Male reproductive organs	2R:-:21872417-21872373	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_63687	SHYLLYTLTTAMQPR	AGAP002481-PA	M12(Oxidation)	87	2.91E-08	1	1810.922	3.25	Head	2R:-:21871203-21871159	exon=> In CDS Exon 2 of transcript AGAP002481-PA
JHU_Ag_64039	QLAQYHAKDPNNLFMVR	AGAP002481-PA	-	41	0.000988792	3	2045.053	7.01	Malpighian tubule	2R:-:21871475-21871425	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_64088	APFGSQIDSAR	AGAP002481-PA	-	69	2.64E-06	1	1148.569	-0.33	Head	2R:-:21872666-21872634	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_64341	ELDIMEPKTPEDVYK	AGAP002481-PA	M5(Oxidation)	59	1.99E-05	1	1822.880	1.06	Male reproductive organs	2R:-:21872732-21872688	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_64468	IQQLLHLCSEHYEPSASSSEEPASK	AGAP002481-PA	C8(Carbamidomethyl)	112	9.12E-11	1	2827.334	4.84	Malpighian tubule	2R:-:21871907-21871833	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_65044	FLPLGLGLVYLGR	AGAP002481-PA	-	124	6.10E-13	2	1417.857	0.23	Midgut	2R:-:21872063-21872025	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_65247	LQEADVELYRPSLEAMANLIR	AGAP002481-PA	M16(Oxidation)	94	4.85E-09	1	2447.260	-0.13	Midgut	2R:-:21873563-21873501	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_65530	YLYSNEDYIK	AGAP002481-PA	-	69	2.14E-06	1	1307.615	-0.11	Salivary gland	2R:-:21872447-21872418	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_67620	NEVDPALALLSDYVLHQNTTMR	AGAP002481-PA	M21(Oxidation)	66	4.27E-06	1	2516.241	-1.69	Male reproductive organs	2R:-:21872372-21872307	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_70581	LLSDNSTESLGEWGHEYVR	AGAP002481-PA	-	99	1.73E-09	1	2192.026	0.4	Visceras	2R:-:21873308-21873252	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_70595	QNLAASFVNGFVNAGFGQDK	AGAP002481-PA	N9(Deamidated)	106	3.56E-10	1	2085.003	-0.23	Midgut	2R:-:21872633-21872574	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_71986	GTFTISPYHSDR	AGAP002481-PA	-	48	0.000259579	1	1380.656	1.54	Pupa	2R:-:21871394-21871359	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_72568	APFGSQIDSAR	AGAP002481-PA	-	67	4.21E-06	2	1148.571	1.47	Malpighian tubule	2R:-:21872666-21872634	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_72689	QNLAASFVNGFVNAGFGQDK	AGAP002481-PA	N9(Deamidated)	72	9.39E-07	2	2085.005	0.71	Pupa	2R:-:21872633-21872574	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_75488	TITGFQTHTTPVLLAMGER	AGAP002481-PA	M16(Oxidation)	51	7.81E-05	1	2089.085	4.76	Ovary	2R:-:21870988-21870932	exon=> In CDS Exon 3 of transcript AGAP002481-PA
JHU_Ag_75955	LLSDNSTESLGEWGHEYVR	AGAP002481-PA	-	111	1.15E-10	1	2192.035	4.32	Malpighian tubule	2R:-:21873308-21873252	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_76957	IQQLLHLCSEHYEPSASSSEEPASK	AGAP002481-PA	C8(Carbamidomethyl)	40	0.001472668	1	2827.327	2.31	Visceras	2R:-:21871907-21871833	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_77276	IAQGLTHLGK	AGAP002481-PA	-	62	2.16E-06	1	1037.614	3.91	Male reproductive organs	2R:-:21871424-21871395	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_79492	IQQLLHLCSEHYEPSASSSEEPASK	AGAP002481-PA	C8(Carbamidomethyl)	84	5.07E-08	1	2827.311	-3.19	Head	2R:-:21871907-21871833	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_80890	LLSDNSTESLGEWGHEYVR	AGAP002481-PA	-	105	4.16E-10	1	2192.028	1.07	Pupa	2R:-:21873308-21873252	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_83235	IAQGLTHLGK	AGAP002481-PA	-	33	0.001758105	1	1037.611	0.26	Pupa	2R:-:21871424-21871395	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_84115	TITGFQTHTTPVLLAMGER	AGAP002481-PA	M16(Oxidation)	73	5.86E-07	1	2089.079	1.96	Male reproductive organs	2R:-:21870988-21870932	exon=> In CDS Exon 3 of transcript AGAP002481-PA

JHU_Ag_84765	ASTTSMTSVPKPLK	AGAP002481-PA	-	38	0.001545042	2	1447.782	-0.45	Pupa	2R:-:21873500-21873459	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_84793	TITGFQTHTTPVLLAMGER	AGAP002481-PA	M16(Oxidation)	60	1.18E-05	1	2073.081	0.61	Midgut	2R:-:21870988-21870932	exon=> In CDS Exon 3 of transcript AGAP002481-PA
JHU_Ag_84988	LLSDNSTESLGEWGHEYVR	AGAP002481-PA	-	74	6.05E-07	1	2192.028	1.07	Head	2R:-:21873308-21873252	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_87736	APFGSQIDSAR	AGAP002481-PA	-	76	4.43E-07	2	1148.573	2.86	Visceras	2R:-:21872666-21872634	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_88478	IQQLLHLCSEHYEPSASSSEEPASK	AGAP002481-PA	C8(Carbamidomethyl)	106	3.15E-10	1	2827.339	6.65	Ovary	2R:-:21871907-21871833	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_88583	AVPLALGLISVSNPK	AGAP002481-PA	-	75	2.46E-08	1	1478.896	1.18	Salivary gland	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_88979	APFGSQIDSAR	AGAP002481-PA	-	79	2.55E-07	1	1148.569	-0.86	Salivary gland	2R:-:21872666-21872634	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_90495	NEVDPALALLSDYVLHQNTTMR	AGAP002481-PA	M21(Oxidation)	51	0.000125145	1	2516.249	1.59	Malpighian tubule	2R:-:21872372-21872307	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_92299	LNILDTLSK	AGAP002481-PA	-	49	0.000120766	1	1016.598	-0.71	Midgut	2R:-:21871604-21871578	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_93029	IAQGLTHLGK	AGAP002481-PA	-	59	4.08E-06	2	1037.612	1.2	Salivary gland	2R:-:21871424-21871395	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_93084	AVPLALGLISVSNPK	AGAP002481-PA	-	54	3.13E-06	2	1478.899	3.16	Head	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_93777	LNILDTLSK	AGAP002481-PA	-	53	4.80E-05	2	1016.599	-0.06	Salivary gland	2R:-:21871604-21871578	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_94681	VGMAVDVVGQAGKPK	AGAP002481-PA	M3(Oxidation)	98	1.73E-09	1	1471.795	1.11	Salivary gland	2R:-:21871107-21871217,21870842-21870989	exon=> In CDS Exon 3 and 2 of transcript AGAP002481-PA
JHU_Ag_95469	ASTTSMTSVPKPLK	AGAP002481-PA	M6(Oxidation)	100	1.09E-09	1	1447.782	-0.37	Midgut	2R:-:21873500-21873459	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_96251	VCLYLQSCVPYVAEPENVSLLK	AGAP002481-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	59	1.28E-05	1	2581.313	3.35	Malpighian tubule	2R:-:21873053-21872988	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_96372	GTFTISPYHSDR	AGAP002481-PA	-	50	0.000160265	1	1380.652	-1.73	Head	2R:-:21871394-21871359	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_97021	TITGFQTHTTPVLLAMGER	AGAP002481-PA	M16(Oxidation)	58	1.82E-05	1	2089.074	-0.46	Head	2R:-:21870988-21870932	exon=> In CDS Exon 3 of transcript AGAP002481-PA
JHU_Ag_97693	LDLLENYVDESAYPR	AGAP002481-PA	-	113	7.79E-11	2	1796.875	2.64	Head	2R:-:21873098-21873054	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_97728	TITGFQTHTTPVLLAMGER	AGAP002481-PA	M16(Oxidation)	69	1.62E-06	1	2089.073	-0.7	Salivary gland	2R:-:21870988-21870932	exon=> In CDS Exon 3 of transcript AGAP002481-PA
JHU_Ag_98245	GTFTISPYHSDR	AGAP002481-PA	-	54	6.28E-05	1	1380.655	0.22	Salivary gland	2R:-:21871394-21871359	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_98391	QEAVEAVTAALEIVAEPFR	AGAP002481-PA	-	47	0.0002073	1	2043.077	0.61	Malpighian tubule	2R:-:21872024-21871968	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_99030	NIILGK	AGAP002481-PA	-	43	0.000130939	1	657.430	0.59	Salivary gland	2R:-:21871292-21873614,21871099-21871204	exon=> In CDS Exon 2 and 1 of transcript AGAP002481-PA
JHU_Ag_99542	VCLYLQSCVPYVAEPENVSLLK	AGAP002481-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	43	0.000610808	2	2581.308	1.55	Visceras	2R:-:21873053-21872988	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_99731	MLITFTEDLNSCPVPVR	AGAP002481-PA	M1(Oxidation), C12(Carbamidomethyl)	106	3.83E-10	1	2007.983	-2.65	Male reproductive organs	2R:-:21871158-21871108	exon=> In CDS Exon 2 of transcript AGAP002481-PA
JHU_Ag_99949	DPNNLFMVR	AGAP002481-PA	M7(Oxidation)	58	2.44E-05	2	1121.543	1.48	Male reproductive organs	2R:-:21871451-21871425	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_100205	FSHDSDAEVAHNAIFAMGLVGAGTNNAR	AGAP002481-PA	M17(Oxidation)	35	0.003522939	1	2888.338	-0.22	Midgut	2R:-:21871577-21871494	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_102073	HLSGEIAANWPESTDNLFKNR	AGAP002481-PA	-	93	8.77E-09	1	2399.189	6.27	Malpighian tubule	2R:-:21873251-21873189	exon=> In CDS Exon 1 of transcript AGAP002481-PA

JHU_Ag_102250	TPEDVYK	AGAP002481-PA	-	36	0.003542442	1	851.414	-0.86	Midgut	2R:-:21872708-21872688	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_102271	HLSGEIAANWPESTDNLFK	AGAP002481-PA	-	105	5.40E-10	1	2129.031	0.43	Ovary	2R:-:21873251-21873195	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_102610	APFGSQIDSAR	AGAP002481-PA	-	79	2.63E-07	2	1148.569	-0.55	Pupa	2R:-:21872666-21872634	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_103722	VCLYLQSCVPYVAEPENVSLLK	AGAP002481-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	62	6.53E-06	2	2581.304	-0.06	Midgut	2R:-:21873053-21872988	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_105266	YLYSNEDYIK	AGAP002481-PA	-	42	0.00100312	1	1307.617	1.01	Malpighian tubule	2R:-:21872447-21872418	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_105779	NEVDPALALLSDYVLHQNTTMR	AGAP002481-PA	M21(Oxidation)	39	0.001992566	1	2516.246	0.28	Ovary	2R:-:21872372-21872307	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_105854	FLPLGLGLVYLGR	AGAP002481-PA	-	102	6.30E-11	1	1417.863	4.45	Ovary	2R:-:21872063-21872025	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_108232	FSHDSDAEVAHNAIFAMGLVGAGTNNAR	AGAP002481-PA	-	67	2.44E-06	1	2872.360	5.91	Malpighian tubule	2R:-:21871577-21871494	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_109207	LNILDTLSK	AGAP002481-PA	-	59	1.09E-05	1	1016.599	-0.06	Male reproductive organs	2R:-:21871604-21871578	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_109845	HLSGEIAANWPESTDNLFK	AGAP002481-PA	-	96	3.81E-09	1	2129.035	2.57	Pupa	2R:-:21873251-21873195	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_109912	FLPLGLGLVYLGR	AGAP002481-PA	-	104	3.61E-11	1	1417.865	5.74	Salivary gland	2R:-:21872063-21872025	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_110811	AVPLALGLISVSNPK	AGAP002481-PA	-	63	3.30E-07	2	1478.896	1.27	Pupa	2R:-:21871649-21871605	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_110831	IAQGLTHLGK	AGAP002481-PA	-	41	0.000285131	2	1037.611	0.85	Head	2R:-:21871424-21871395	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_110989	SEADLKDTYAR	AGAP002481-PA	-	76	3.13E-07	1	1268.609	-1.85	Head	2R:-:21872096-21872064	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_111616	SVVLELIGSVFSSER	AGAP002481-PA	-	73	4.66E-07	1	1621.878	-0.85	Malpighian tubule	2R:-:21872258-21872214	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_113853	LQEADVELYRPSLEAMANLIR	AGAP002481-PA	M16(Oxidation)	90	1.04E-08	1	2447.272	4.73	Male reproductive organs	2R:-:21873563-21873501	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_114014	SGALLACGIVNCGVR	AGAP002481-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	85	5.87E-08	1	1546.781	-1.05	Salivary gland	2R:-:21872417-21872373	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_116315	TPEDVYK	AGAP002481-PA	-	42	0.000773964	1	851.414	-0.16	Salivary gland	2R:-:21872708-21872688	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_116969	SFGNLLR	AGAP002481-PA	-	40	0.000944314	2	806.455	3.41	Malpighian tubule	2R:-:21871694-21871674	exon=> In CDS Exon 1 of transcript AGAP002481-PA
JHU_Ag_93584	YLLFVSHLLR	AGAP002484-PA	-	39	0.000372658	2	1260.748	1.2	Midgut	2R:-:21883155-21883126	exon=> In CDS Exon 3 of transcript AGAP002484-PA
JHU_Ag_47210	YDAVHHQLVR	AGAP002491-PA	-	36	0.003587993	1	1237.648	3.52	Larva	2R:-:21974028-21973999	exon=> In CDS Exon 2 of transcript AGAP002491-PA
JHU_Ag_112972	VGDCSCEFYDGR	AGAP002491-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	80	1.15E-08	1	1464.555	2.44	Midgut	2R:-:21974315-21974280	exon=> In CDS Exon 1 of transcript AGAP002491-PA
JHU_Ag_4767	IILTPPSAPPYSDVPLHPR	AGAP002498-PA	-	40	0.000347778	1	2070.145	3.05	Head	2R:-:22042682-22042626	exon=> In CDS Exon 7 of transcript AGAP002498-PA
JHU_Ag_85757	LDLQLLQYDK	AGAP002498-PA	-	30	0.007919294	1	1248.695	8.84	Head	2R:-:22045184-22045155	exon=> In CDS Exon 2 of transcript AGAP002498-PA
JHU_Ag_105985	ALFHNILIQQYR	AGAP002498-PA	-	68	1.11E-06	1	1515.844	0.86	Head	2R:-:22043186-22043151	exon=> In CDS Exon 5 of transcript AGAP002498-PA
JHU_Ag_147	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	-	73	8.62E-07	2	1788.897	-0.94	Salivary gland	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_3174	INELVESGAK	AGAP002499-PA	-	53	9.46E-05	1	1059.568	-0.42	Midgut	2R:-:22046407-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_4081	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	153	4.75E-15	1	1987.062	0.51	Head	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA

JHU_Ag_5984	GSFLGDCHFYGK	AGAP002499-PA	C7(Carbamidomethyl)	69	6.19E-07	2	1387.613	2.31	Ovary	2R:-:22046041-22046006	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_6658	GSFLGDCHFYGK	AGAP002499-PA	C7(Carbamidomethyl)	103	2.41E-10	1	1387.609	-0.41	Midgut	2R:-:22046041-22046006	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_7510	AVSFVGSDQAGK	AGAP002499-PA	-	85	4.53E-08	1	1165.585	-0.07	Ovary	2R:-:22046740-22046705	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_8526	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	121	5.50E-12	1	1987.069	4.01	Midgut	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_12620	MFIDGKFVESK	AGAP002499-PA	M1(Oxidation)	72	7.30E-07	1	1300.660	-0.16	Malpighian tubule	2R:-:22047552-22047520	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_13133	QSSILSR	AGAP002499-PA	-	45	0.000451567	2	790.442	-0.02	Ovary	2R:-:22047300-22047280	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_13355	GNFVGPTIISDVTPNMK	AGAP002499-PA	M16(Oxidation)	110	1.53E-10	1	1805.913	1.23	Malpighian tubule	2R:-:22046320-22046270	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_14233	GSFLGDCHFYGK	AGAP002499-PA	C7(Carbamidomethyl)	87	1.01E-08	1	1387.611	0.55	Salivary gland	2R:-:22046041-22046006	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_14526	AAVAMPTMK	AGAP002499-PA	M5(Oxidation), M8(Oxidation)	55	4.31E-05	1	951.467	3.57	Head	2R:-:22045930-22045904	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_15533	GNFVGPTIISDVTPNMK	AGAP002499-PA	M16(Oxidation)	86	4.32E-08	1	1805.918	4.4	Salivary gland	2R:-:22046320-22046270	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_15941	TVTQLWR	AGAP002499-PA	-	37	0.003128156	1	903.504	-0.5	Pupa	2R:-:22045975-22045955	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_16445	FVNDIDVGQVGVNVPIPVPLPMFSFTGSR	AGAP002499-PA	M22(Oxidation)	96	2.15E-09	1	3117.618	3.15	Ovary	2R:-:22046128-22046042	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_16481	INELVESGAK	AGAP002499-PA	-	66	4.05E-06	1	1059.569	0.62	Malpighian tubule	2R:-:22046407-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_16807	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	129	1.23E-12	1	1987.062	0.51	Visceras	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_17243	LQHIIR	AGAP002499-PA	Q2(Deamidated)	35	0.000618071	2	779.486	-3.95	Head	2R:-:22047261-22047244	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_17655	NHGVIMADANKENTLNQLAGAAFGAGQR	AGAP002499-PA	M6(Oxidation)	158	2.38E-15	1	2955.454	1.81	Malpighian tubule	2R:-:22046644-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_18066	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	-	99	2.06E-09	1	1788.901	1.24	Visceras	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_18323	TLIDAEGDVLR	AGAP002499-PA	-	62	1.11E-05	1	1201.640	-1.95	Head	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_18449	NHGVIMADANK	AGAP002499-PA	M6(Oxidation)	42	0.000621536	2	1185.567	-0.6	Midgut	2R:-:22046644-22046612	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_18997	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	87	2.71E-08	1	2095.995	-4.27	Salivary gland	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_21972	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	89	1.21E-08	1	1987.058	-1.4	Male reproductive organs	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_22650	TLIDAEGDVLR	AGAP002499-PA	-	64	5.79E-06	2	1201.647	3.57	Larva	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_23296	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	N2(Deamidated), N5(Deamidated),"N5(Deamidated), Q6(Deamidated)",Q17(Deamidated)	133	7.55E-13	1	1788.902	1.79	Head	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_23370	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	133	6.59E-13	1	2096.009	2.34	Visceras	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_23374	LQHIIR	AGAP002499-PA	-	33	0.000839534	1	779.487	-1.6	Ovary	2R:-:22047261-22047244	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_23950	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	142	1.02E-13	1	2096.006	0.79	Pupa	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA

JHU_Ag_24038	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	122	9.43E-12	1	2096.013	3.97	Larva	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_25515	INELVESGAK	AGAP002499-PA	-	52	0.000111 82	1	1059.566	-1.69	Pupa	2R:-:22046407-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_25516	GSFLGDCHFYGK	AGAP002499-PA	C7(Carbamidomethyl)	103	2.82E-10	1	1387.615	3.55	Head	2R:-:22046041-22046006	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_25523	INELVESGAKEGAK	AGAP002499-PA	-	58	2.16E-05	1	1444.765	0.79	Malpighian tubule	2R:-:22046407-22046366	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_27085	AAVAMPTMK	AGAP002499-PA	M5(Oxidation), M8(Oxidation)	36	0.003020 215	1	951.463	-1.37	Malpighian tubule	2R:-:22045930-22045904	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_27655	MFIDGK	AGAP002499-PA	M1(Oxidation)	35	0.002134 314	2	726.349	-0.38	Malpighian tubule	2R:-:22047552-22047535	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_28868	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	76	2.38E-07	1	1987.061	0.13	Ovary	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_29734	TVTQLWR	AGAP002499-PA	-	37	0.002769 191	1	903.507	2.34	Malpighian tubule	2R:-:22045975-22045955	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_29960	NHGVIMADANKENTLNQLAGAAFGA AGQR	AGAP002499-PA	-	148	1.91E-14	1	2939.463	2.84	Visceras	2R:-:22046644-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_30255	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	-	91	1.19E-08	1	1788.899	0.22	Midgut	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_33342	KFVNDIDVGQVGVNVPIPVPLPMFSFT GSR	AGAP002499-PA	M23(Oxidation)	95	1.90E-09	1	3245.710	2.17	Head	2R:-:22046131-22046042	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_37207	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	88	1.33E-08	1	1987.060	-0.23	Pupa	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_38070	NHGVIMADANKENTLNQLAGAAFGA AGQR	AGAP002499-PA	M6(Oxidation)	52	9.48E-05	1	2955.452	0.82	Ovary	2R:-:22046644-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_40025	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	57	1.72E-05	1	1987.072	5.38	Larva	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_41604	NIKVEGFEK	AGAP002499-PA	-	35	0.004664 36	1	1063.579	0.35	Pupa	2R:-:22046347-22046321	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_42987	AVSFVGSDQAGK	AGAP002499-PA	-	73	7.88E-07	2	1165.584	-0.8	Midgut	2R:-:22046740-22046705	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_42999	TLIDAEGDVLR	AGAP002499-PA	-	52	0.000110 452	2	1201.642	-0.39	Male reproductive organs	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_43518	GSFLGDCHFYGK	AGAP002499-PA	C7(Carbamidomethyl)	97	1.05E-09	1	1387.611	0.82	Malpighian tubule	2R:-:22046041-22046006	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_43644	INELVESGAK	AGAP002499-PA	-	61	1.38E-05	1	1059.565	-3.19	Ovary	2R:-:22046407-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_44885	QGIKFYTQTK	AGAP002499-PA	-	38	0.001896 29	1	1213.658	0.45	Malpighian tubule	2R:-:22046005-22045976	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_45363	QRINELVESGAK	AGAP002499-PA	-	37	0.002490 061	2	1343.727	-0.45	Midgut	2R:-:22046413-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_45878	QRINELVESGAK	AGAP002499-PA	-	72	8.52E-07	1	1343.728	0.19	Malpighian tubule	2R:-:22046413-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_46807	NWIPDLVER	AGAP002499-PA	-	42	0.000728 495	1	1141.601	1.18	Malpighian tubule	2R:-:22046515-22046489	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_47948	LKVNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	99	4.28E-10	1	2228.242	0.76	Malpighian tubule	2R:-:22046479-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_48171	MFIDGK	AGAP002499-PA	M1(Oxidation)	37	0.001343 564	2	726.349	0.3	Midgut	2R:-:22047552-22047535	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_49013	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	133	7.52E-13	1	2096.008	1.93	Head	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_49113	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	-	114	6.57E-11	2	1788.907	4.65	Malpighian tubule	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_49856	GNFVGPTIISDVTPNMK	AGAP002499-PA	M16(Oxidation)	70	1.60E-06	1	1805.917	3.59	Head	2R:-:22046320-22046270	exon=> In CDS Exon 4 of transcript AGAP002499-PA

JHU_Ag_50411	LQHIIR	AGAP002499-PA	-	28	0.002667092	2	779.488	-0.82	Pupa	2R:-:22047261-22047244	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_50484	FVNDIDVGQVGVNVPIPVPLPMFSFTGSR	AGAP002499-PA	M22(Oxidation)	81	7.12E-08	1	3117.615	2.21	Malpighian tubule	2R:-:22046128-22046042	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_51236	VPGATMLLMEMLNEAGCPPGVVNVIHGAHDAVNFVCDNPDIR	AGAP002499-PA	M6(Oxidation), M9(Oxidation), M11(Oxidation), C17(Carbamidomethyl), C36(Carbamidomethyl)	36	0.00232278	1	4578.173	8.3	Malpighian tubule	2R:-:22046866-22046741	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_52401	TLIDAEGDVLR	AGAP002499-PA	-	90	1.70E-08	1	1201.642	-0.69	Pupa	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_52546	CTQDEMQTAVESSK	AGAP002499-PA	C1(Carbamidomethyl), M6(Oxidation)	93	1.82E-09	1	1629.672	-0.9	Midgut	2R:-:22047456-22047415	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_53052	TLIDAEGDVLR	AGAP002499-PA	-	74	6.79E-07	2	1201.642	-0.19	Ovary	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_53199	TLIDAEGDVLR	AGAP002499-PA	-	71	1.35E-06	2	1201.641	-1.41	Visceras	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_53703	TLIDAEGDVLR	AGAP002499-PA	-	60	1.45E-05	2	1201.641	-1.2	Malpighian tubule	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_61565	GNFVGPTIISDVTPNMK	AGAP002499-PA	M16(Oxidation)	96	3.92E-09	1	1805.911	0.15	Midgut	2R:-:22046320-22046270	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_61702	QRINELVESGAK	AGAP002499-PA	-	84	5.36E-08	1	1343.728	-0.17	Head	2R:-:22046413-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_62446	CTQDEMQTAVESSK	AGAP002499-PA	C1(Carbamidomethyl)	100	4.16E-10	1	1613.677	-0.58	Visceras	2R:-:22047456-22047415	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_63055	NHGVIMADANKENTLNQLAGAAFGAAGQR	AGAP002499-PA	M6(Oxidation)	132	9.22E-13	1	2955.450	0.41	Midgut	2R:-:22046644-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_65224	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	-	65	4.96E-06	2	1788.903	2.4	Larva	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_66577	LQHIIR	AGAP002499-PA	-	35	0.000298826	2	779.491	2.63	Midgut	2R:-:22047261-22047244	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_66688	GNFVGPTIISDVTPNMK	AGAP002499-PA	M16(Oxidation)	77	3.10E-07	2	1805.914	1.84	Visceras	2R:-:22046320-22046270	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_67455	AVSFVGSDQAGK	AGAP002499-PA	-	80	1.79E-07	1	1165.584	-0.38	Pupa	2R:-:22046740-22046705	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_68792	AVSFVGSDQAGKYIYER	AGAP002499-PA	-	131	1.45E-12	1	1889.941	0.7	Malpighian tubule	2R:-:22046740-22046690	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_69067	GSFLGDCHFYGK	AGAP002499-PA	C7(Carbamidomethyl)	97	9.71E-10	1	1387.610	-0.32	Visceras	2R:-:22046041-22046006	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_72194	GSFLGDCHFYGK	AGAP002499-PA	C7(Carbamidomethyl)	97	9.59E-10	1	1387.609	-0.76	Male reproductive organs	2R:-:22046041-22046006	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_72491	INELVESGAK	AGAP002499-PA	-	65	5.53E-06	1	1059.570	1.49	Head	2R:-:22046407-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_72651	AVSFVGSDQAGK	AGAP002499-PA	-	102	8.91E-10	1	1165.586	0.88	Salivary gland	2R:-:22046740-22046705	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_76270	LKVNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	62	2.62E-06	1	2228.241	0.68	Salivary gland	2R:-:22046479-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_79924	KFVNDIDVGQVGVNVPIPVPLPMFSFTGSR	AGAP002499-PA	M23(Oxidation)	70	3.98E-07	1	3245.730	8.37	Salivary gland	2R:-:22046131-22046042	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_81064	INELVESGAK	AGAP002499-PA	-	58	2.97E-05	1	1059.568	-0.31	Salivary gland	2R:-:22046407-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_82941	TLIDAEGDVLR	AGAP002499-PA	-	64	5.81E-06	1	1201.641	-1.1	Salivary gland	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_84157	KFVNDIDVGQVGVNVPIPVPLPMFSFTGSR	AGAP002499-PA	M23(Oxidation)	135	2.18E-13	1	3245.699	-1.33	Malpighian tubule	2R:-:22046131-22046042	exon=> In CDS Exon 4 of transcript AGAP002499-PA

JHU_Ag_86735	AVSFVGSDQAGK	AGAP002499-PA	-	75	4.69E-07	1	1165.585	-0.21	Head	2R:-:22046740-22046705	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_87114	QSSILSR	AGAP002499-PA	-	56	3.55E-05	2	790.442	0.29	Salivary gland	2R:-:22047300-22047280	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_88848	VPGATMLLMEMLNEAGCPPGVVNVIHGAHDAVNFVCDNPDIR	AGAP002499-PA	M6(Oxidation), M9(Oxidation), M11(Oxidation), C17(Carbamidomethyl), C36(Carbamidomethyl)	128	1.32E-12	1	4578.152	3.93	Ovary	2R:-:22046866-22046741	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_88866	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	147	3.24E-14	1	2096.009	2.28	Malpighian tubule	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_89112	LQHIIR	AGAP002499-PA	-	42	0.000120158	1	779.489	0.36	Malpighian tubule	2R:-:22047261-22047244	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_90367	NIKVEGFEK	AGAP002499-PA	-	53	6.65E-05	1	1063.581	2.41	Visceras	2R:-:22046347-22046321	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_91229	NWIPDLVER	AGAP002499-PA	-	40	0.00114137	1	1141.601	1.18	Midgut	2R:-:22046515-22046489	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_92105	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	129	1.06E-12	1	1987.066	2.53	Malpighian tubule	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_92226	VNAGHLPGTDLGPVISPQSK	AGAP002499-PA	-	104	3.58E-10	1	1987.062	0.44	Salivary gland	2R:-:22046473-22046414	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_93183	TVTQLWR	AGAP002499-PA	-	36	0.003367851	1	903.506	1.8	Salivary gland	2R:-:22045975-22045955	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_93229	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	114	5.92E-11	1	2096.003	-0.69	Ovary	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_93392	GNFVGPTIISDVTPNMK	AGAP002499-PA	M16(Oxidation)	96	4.09E-09	1	1805.912	0.69	Ovary	2R:-:22046320-22046270	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_94434	NHGVIMADANK	AGAP002499-PA	M6(Oxidation)	56	3.57E-05	2	1169.567	-5.27	Head	2R:-:22046644-22046612	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_95714	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	N2(Deamidated)	50	0.000171464	1	1789.897	7.65	Male reproductive organs	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_95839	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	-	138	2.73E-13	1	1788.899	0.22	Ovary	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_96407	INELVESGAK	AGAP002499-PA	-	44	0.000717857	2	1059.568	0.27	Visceras	2R:-:22046407-22046378	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_98030	NIKVEGFEK	AGAP002499-PA	-	58	2.26E-05	1	1063.579	0.23	Midgut	2R:-:22046347-22046321	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_100263	ENTLNQLAGAAFGAAGQR	AGAP002499-PA	-	112	1.09E-10	2	1788.902	1.99	Pupa	2R:-:22046611-22046558	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_108672	AVSFVGSDQAGK	AGAP002499-PA	-	83	9.05E-08	1	1165.587	1.92	Malpighian tubule	2R:-:22046740-22046705	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_109276	TNDWIDLHDPATNEVVTR	AGAP002499-PA	-	113	6.96E-11	1	2096.007	1.41	Midgut	2R:-:22047519-22047466	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_110626	TNDWIDLHDPATNEVVTRVPK	AGAP002499-PA	-	96	3.57E-09	1	2420.230	4.05	Malpighian tubule	2R:-:22047519-22047457	exon=> In CDS Exon 2 of transcript AGAP002499-PA
JHU_Ag_111421	AVSFVGSDQAGK	AGAP002499-PA	-	67	3.17E-06	1	1165.590	4.23	Larva	2R:-:22046740-22046705	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_114005	EGDVSHTK	AGAP002499-PA	-	35	0.001962818	1	872.414	3.52	Head	2R:-:22045954-22045931	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_115528	NIKVEGFEK	AGAP002499-PA	-	40	0.001485224	1	1063.579	0.23	Malpighian tubule	2R:-:22046347-22046321	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_115763	CTQDEMQTAVESSK	AGAP002499-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M6(Oxidation)"	78	7.31E-08	1	1613.682	2.06	Head	2R:-:22047456-22047415	exon=> In CDS Exon 2 of transcript AGAP002499-PA

JHU_Ag_116208	KFVNDIDVGQVGVNVPIPVPLPMFSFTGSR	AGAP002499-PA	M23(Oxidation)	136	1.60E-13	1	3245.705	0.7	Ovary	2R:-:22046131-22046042	exon=> In CDS Exon 4 of transcript AGAP002499-PA
JHU_Ag_116875	TLIDAEGDVLR	AGAP002499-PA	-	71	1.32E-06	1	1201.642	0.02	Midgut	2R:-:22047195-22047163	exon=> In CDS Exon 3 of transcript AGAP002499-PA
JHU_Ag_823	YDSHDVLQNEALR	AGAP002500-PA	-	96	3.60E-09	1	1559.742	-1.64	Midgut	2R:-:22049926-22049888	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_2099	CGFSNAVVQILR	AGAP002500-PA	C1(Carbamidomethyl)	101	1.18E-09	2	1363.722	4.74	Visceras	2R:-:22049977-22049942	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_22575	CGFSNAVVQILR	AGAP002500-PA	C1(Carbamidomethyl)	96	3.74E-09	2	1363.723	6.08	Malpighian tubule	2R:-:22049977-22049942	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_41781	AGIESALAK	AGAP002500-PA	-	58	2.98E-05	2	859.489	0.54	Visceras	2R:-:22049687-22049661	exon=> In CDS Exon 2 of transcript AGAP002500-PA
JHU_Ag_44817	VVVFMK	AGAP002500-PA	M5(Oxidation)	32	0.002238952	1	738.422	0.02	Ovary	2R:-:22050016-22049999	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_46469	MHSVKYDSHDVLQNEALR	AGAP002500-PA	M1(Oxidation)	84	6.02E-08	1	2142.043	1.61	Malpighian tubule	2R:-:22049941-22049888	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_53288	YDSHDVLQNEALR	AGAP002500-PA	-	102	7.75E-10	1	1559.745	0.16	Ovary	2R:-:22049926-22049888	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_70440	CGFSNAVVQILR	AGAP002500-PA	C1(Carbamidomethyl)	98	2.50E-09	1	1363.718	1.78	Ovary	2R:-:22049977-22049942	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_85900	YDSHDVLQNEALR	AGAP002500-PA	-	61	9.58E-06	2	1559.746	0.79	Visceras	2R:-:22049926-22049888	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_88610	AGIESALAK	AGAP002500-PA	-	43	0.001230786	2	859.487	-1.45	Ovary	2R:-:22049687-22049661	exon=> In CDS Exon 2 of transcript AGAP002500-PA
JHU_Ag_96444	YDSHDVLQNEALR	AGAP002500-PA	-	79	1.65E-07	1	1559.744	-0.46	Head	2R:-:22049926-22049888	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_107465	CGFSNAVVQILR	AGAP002500-PA	C1(Carbamidomethyl)	86	3.88E-08	2	1363.718	1.87	Head	2R:-:22049977-22049942	exon=> In CDS Exon 1 of transcript AGAP002500-PA
JHU_Ag_116046	AGIESALAKESEK	AGAP002500-PA	-	98	2.38E-09	1	1332.698	-2.29	Malpighian tubule	2R:-:22049687-22049649	exon=> In CDS Exon 2 of transcript AGAP002500-PA
JHU_Ag_911	LVNVITDFHHNTPSIADIPQCPNVDPFNFER	AGAP002501-PA	C21(Carbamidomethyl)	47	0.000216424	1	3606.766	6.22	Ovary	2R:+:22050692-22050740,22050830-22050873	exon=> In CDS Exon 1 and 2 of transcript AGAP002501-PA
JHU_Ag_10104	WVLVKPLFR	AGAP002501-PA	-	29	0.001767396	1	1157.720	0.19	Ovary	2R:+:22050659-22050685	exon=> In CDS Exon 1 of transcript AGAP002501-PA
JHU_Ag_11252	ELEDYLNFVAR	AGAP002501-PA	-	44	0.000558009	2	1368.681	1.09	Head	2R:+:22050605-22050637	exon=> In CDS Exon 1 of transcript AGAP002501-PA
JHU_Ag_57345	ELEDYLNFVAR	AGAP002501-PA	N7(Deamidated)	69	1.62E-06	2	1368.680	0.2	Midgut	2R:+:22050605-22050637	exon=> In CDS Exon 1 of transcript AGAP002501-PA
JHU_Ag_82296	LVNVITDFHHNTPSIADIPQCPNVDPFNFER	AGAP002501-PA	C21(Carbamidomethyl)	32	0.00626662	1	3606.771	7.57	Midgut	2R:+:22050692-22050740,22050830-22050873	exon=> In CDS Exon 1 and 2 of transcript AGAP002501-PA
JHU_Ag_95961	LDSFNSAPFTVQR	AGAP002501-PA	-	57	3.26E-05	2	1481.739	0.46	Ovary	2R:+:22050898-22050936	exon=> In CDS Exon 2 of transcript AGAP002501-PA
JHU_Ag_97363	NILVVSTQEPGR	AGAP002501-PA	-	65	2.82E-06	2	1312.724	1.74	Ovary	2R:+:22051009-22051018,22051618-22051643	exon=> In CDS Exon 2 and 3 of transcript AGAP002501-PA
JHU_Ag_2919	VFGKPGEDEAAVR	AGAP002502-PA	-	39	0.002354904	1	1374.702	0.3	Male reproductive organs	2R:-:22056557-22056519	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_10215	STEFSLLPNFMK	AGAP002502-PA	M11(Oxidation)	50	0.000117734	1	1429.704	0.55	Male reproductive organs	2R:-:22059158-22059123	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_16843	GSGNQSHQQQQQQPPR	AGAP002502-PA	-	39	0.002090556	1	1804.843	-0.26	Salivary gland	2R:-:22057268-22057221	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_17756	LQKDDEGFQVISSSR	AGAP002502-PA	-	57	3.21E-05	2	1708.854	2.01	Male reproductive organs	2R:-:22057835-22057791	exon=> In CDS Exon 2 of transcript AGAP002502-PA

JHU_Ag_18190	TPSTAAVQQSNFLNK	AGAP002502-PA	-	109	2.42E-10	1	1605.825	0.83	Salivary gland	2R:-:22060031-22059987	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_18890	TAPAGAGNGAGTNAAAPPAVK	AGAP002502-PA	N8(Deamidated)	65	5.49E-06	1	1764.892	2.28	Head	2R:-:22059458-22059396	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_24798	MNESLTSYFTR	AGAP002502-PA	M1(Oxidation)	58	1.59E-05	2	1364.617	1.18	Male reproductive organs	2R:-:22058249-22058217	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_25038	LGYLLECK	AGAP002502-PA	C7(Carbamidomethyl)	57	2.50E-05	2	995.523	0.12	Male reproductive organs	2R:-:22056497-22056474	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_25208	KEQLQAGETDQIVPSER	AGAP002502-PA	-	50	0.000163673	2	1927.972	-0.04	Male reproductive organs	2R:-:22059812-22059762	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_28762	NIAPALEKPANLPNSLENLLVR	AGAP002502-PA	-	27	0.003455286	1	2386.358	5.31	Malpighian tubule	2R:-:22059290-22059225	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_40413	LWYESPLDLK	AGAP002502-PA	-	44	0.000617326	2	1263.662	0.12	Midgut	2R:-:22056587-22056558	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_47234	SATTATAAEVK	AGAP002502-PA	-	57	2.96E-05	2	1049.550	2.35	Malpighian tubule	2R:-:22059491-22059459	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_51547	EQLQAGETDQIVPSER	AGAP002502-PA	-	62	9.34E-06	2	1799.882	2.53	Head	2R:-:22059809-22059762	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_51616	DLSQEEFEELK	AGAP002502-PA	-	60	1.13E-05	2	1366.642	3.52	Midgut	2R:-:22058495-22058463	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_54119	MSSGGGGGNSGFNQGSLGR	AGAP002502-PA	M1(Oxidation)	57	1.28E-05	2	1742.754	1.38	Male reproductive organs	2R:-:22057937-22057881	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_57613	DDEGFQVISSSR	AGAP002502-PA	-	67	2.60E-06	2	1339.616	2.52	Head	2R:-:22057826-22057791	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_59276	LGYLLECK	AGAP002502-PA	C7(Carbamidomethyl)	55	4.05E-05	1	995.523	0.12	Salivary gland	2R:-:22056497-22056474	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_61409	AISEPNFSEAYAK	AGAP002502-PA	-	59	1.72E-05	2	1426.686	0.46	Male reproductive organs	2R:-:22058687-22058649	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_64551	MSSGGGGGNSGFNQGSLGR	AGAP002502-PA	M1(Oxidation)	43	0.000370417	2	1742.756	2.64	Malpighian tubule	2R:-:22057937-22057881	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_65330	NPEESNEESLECLCK	AGAP002502-PA	C12(Carbamidomethyl), C14(Carbamidomethyl)	56	9.65E-06	2	1837.763	2.67	Male reproductive organs	2R:-:22058327-22058283	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_66871	NVVTEVASPAANDSEAK	AGAP002502-PA	-	75	4.32E-07	2	1701.836	4.21	Head	2R:-:22059641-22059591	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_67994	TAPAGAGNGAGTNAAAPPAVK	AGAP002502-PA	N8(Deamidated)	46	0.000434556	2	1764.890	1.52	Male reproductive organs	2R:-:22059458-22059396	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_72286	SSDSNAVVDQHADDAADTLSEAVANLNIGVDEK	AGAP002502-PA	-	71	9.11E-07	1	3370.574	6.66	Head	2R:-:22060358-22060260	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_76708	NLDNDYINNNNVDYTR	AGAP002502-PA	-	32	0.004378475	2	1956.875	3.4	Ovary	2R:-:22059971-22059924	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_80755	TAPAGAGNGAGTNAAAPPAVKK	AGAP002502-PA	N13(Deamidated),N8(Deamidated)	39	0.001408375	1	1892.983	0.09	Male reproductive organs	2R:-:22059458-22059393	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_89705	LGMLQPR	AGAP002502-PA	M3(Oxidation)	42	0.00104828	2	830.455	-0.99	Male reproductive organs	2R:-:22058384-22058364	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_97150	TPSTAAVQQSNFLNK	AGAP002502-PA	-	122	9.69E-12	1	1605.828	3.27	Malpighian tubule	2R:-:22060031-22059987	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_97869	NLDNDYINNNNVDYTR	AGAP002502-PA	-	59	9.31E-06	1	1956.870	0.72	Malpighian tubule	2R:-:22059971-22059924	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_99544	AISEPNFSEAYAK	AGAP002502-PA	-	41	0.001152594	1	1426.693	5.51	Malpighian tubule	2R:-:22058687-22058649	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_100507	TPSTAAVQQSNFLNK	AGAP002502-PA	-	90	1.69E-08	2	1605.824	0.45	Male reproductive organs	2R:-:22060031-22059987	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_100805	NLDNDYINNNNVDYTR	AGAP002502-PA	-	56	1.95E-05	2	1956.872	2.15	Male reproductive organs	2R:-:22059971-22059924	exon=> In CDS Exon 2 of transcript AGAP002502-PA

JHU_Ag_106420	HAISIIHPDTMEDILENMYNDPSSSSSGR	AGAP002502-PA	M11(Oxidation), M18(Oxidation)	62	4.72E-06	1	3248.439	-2.56	Head	2R:-:22062041-22061955	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_110026	LWYESPLDLK	AGAP002502-PA	-	45	0.000511	2	1263.662	-0.27	Salivary gland	2R:-:22056587-22056558	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_110718	LGMLQPR	AGAP002502-PA	M3(Oxidation)	44	0.000773	2	830.454	-1.94	Salivary gland	2R:-:22058384-22058364	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_111181	TPSTAAVQQSNFLNK	AGAP002502-PA	-	93	8.08E-09	1	1605.828	3.27	Ovary	2R:-:22060031-22059987	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_112269	SSQQGSIGGGNQSGGGGAQPNKQSQQGLSK	AGAP002502-PA	-	51	0.000116	1	2829.359	4.27	Malpighian tubule	2R:-:22059041-22058952	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_113365	SSDSNAVVDQHADDAADTLSEAVANLNIGVDEKK	AGAP002502-PA	-	55	4.10E-05	1	3498.670	6.5	Malpighian tubule	2R:-:22060358-22060257	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_117240	TPSTAAVQQSNFLNKER	AGAP002502-PA	-	57	3.29E-05	1	1890.973	3.46	Malpighian tubule	2R:-:22060031-22059981	exon=> In CDS Exon 2 of transcript AGAP002502-PA
JHU_Ag_3945	QQLHTLAAQFED	AGAP002503-PA	-	39	0.001682	2	1400.681	0.57	Head	2R:-:22051249-22051214	exon=> In CDS Exon 7 of transcript AGAP002503-PA
JHU_Ag_6479	GYLNNETATR	AGAP002503-PA	-	48	0.000206	2	1138.549	0.21	Salivary gland	2R:-:22053635-22053606	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_8434	IVSLSDGSNLGPHQTGELYLR	AGAP002503-PA	-	70	1.09E-06	1	2256.170	3.67	Ovary	2R:-:22053716-22053654	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_8743	VGTCGQLYPNTEAK	AGAP002503-PA	C4(Carbamidomethyl)	86	3.50E-08	1	1537.731	-0.29	Head	2R:-:22053758-22053717	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_11508	IVSLSDGSNLGPHQTGELYLR	AGAP002503-PA	-	116	2.60E-11	1	2256.170	3.67	Head	2R:-:22053716-22053654	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_11783	NHVVSIPR	AGAP002503-PA	-	41	0.000557	1	921.523	-3.93	Head	2R:-:22064461-22064550,22053489-22054041	exon=> In CDS Exon 6 and 5 of transcript AGAP002503-PA
JHU_Ag_12247	GYLNNETATR	AGAP002503-PA	-	59	1.66E-05	2	1138.549	0.42	Ovary	2R:-:22053635-22053606	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_16577	EGFFFIVDR	AGAP002503-PA	-	46	0.000297	2	1129.571	3.3	Visceras	2R:-:22053548-22053522	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_18843	NVTEYIFEGYEK	AGAP002503-PA	-	44	0.000497	2	1491.707	4.26	Ovary	2R:-:22065929-22065894	exon=> In CDS Exon 1 of transcript AGAP002503-PA
JHU_Ag_30449	ETLVEDGYLR	AGAP002503-PA	-	53	7.02E-05	2	1194.601	0.62	Male reproductive organs	2R:-:22053605-22053576	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_34134	NIYGFEQFLK	AGAP002503-PA	-	39	0.002061	1	1258.650	2.3	Head	2R:-:22064910-22065056,22064644-22064819	exon=> In CDS Exon 4 and 3 of transcript AGAP002503-PA
JHU_Ag_38211	NVTEYIFEGYEK	AGAP002503-PA	-	68	2.16E-06	2	1491.702	1.06	Visceras	2R:-:22065929-22065894	exon=> In CDS Exon 1 of transcript AGAP002503-PA
JHU_Ag_45610	NVTEYIFEGYEK	AGAP002503-PA	-	83	6.95E-08	1	1491.702	1.06	Head	2R:-:22065929-22065894	exon=> In CDS Exon 1 of transcript AGAP002503-PA
JHU_Ag_45910	AFVVVKPGSQLDEREVQDYVK	AGAP002503-PA	-	74	3.45E-07	1	2406.275	3.55	Ovary	2R:-:22051399-22051337	exon=> In CDS Exon 7 of transcript AGAP002503-PA
JHU_Ag_52885	ETLVEDGYLR	AGAP002503-PA	-	51	0.000108	2	1194.603	2.25	Ovary	2R:-:22053605-22053576	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_60733	GVELSHYNLVANLAQGSHPAISK	AGAP002503-PA	-	71	7.91E-07	1	2405.254	-1.34	Salivary gland	2R:-:22064731-22064663	exon=> In CDS Exon 4 of transcript AGAP002503-PA
JHU_Ag_64447	QLAGGVVFIK	AGAP002503-PA	-	48	5.56E-05	2	1031.625	-0.16	Salivary gland	2R:-:22051315-22051286	exon=> In CDS Exon 7 of transcript AGAP002503-PA
JHU_Ag_68433	TAILPYSSGTTGLPK	AGAP002503-PA	-	74	3.24E-07	2	1505.824	2.14	Ovary	2R:-:22064776-22064732	exon=> In CDS Exon 4 of transcript AGAP002503-PA
JHU_Ag_73992	NVVQSPFGSVDIPEK	AGAP002503-PA	-	37	0.003008	2	1615.838	3.25	Head	2R:-:22065974-22065930	exon=> In CDS Exon 1 of transcript AGAP002503-PA
JHU_Ag_77833	EGFFFIVDR	AGAP002503-PA	-	33	0.005924	2	1129.569	0.81	Head	2R:-:22053548-22053522	exon=> In CDS Exon 6 of transcript AGAP002503-PA

JHU_Ag_82440	VTPDLLSSVDSVLVGAAPASLQLQEK	AGAP002503-PA	-	46	8.58E-05	3	2637.446	4.23	Malpighian tubule	2R:-:22053941-22053864	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_86331	NVVQSPFGSVDIPEKNVTEYIFEGYEK	AGAP002503-PA	-	90	1.16E-08	1	3088.523	2.58	Ovary	2R:-:22065974-22065894	exon=> In CDS Exon 1 of transcript AGAP002503-PA
JHU_Ag_89370	DIDIAQGYGMTESSPVTLCTPHR	AGAP002503-PA	M10(Oxidation), C19(Carbamidomethyl)	43	0.000572791	1	2564.180	1.84	Salivary gland	2R:-:22053842-22053774	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_94379	NVVQSPFGSVDIPEKNVTEYIFEGYEK	AGAP002503-PA	-	145	3.85E-14	1	3088.530	4.71	Malpighian tubule	2R:-:22065974-22065894	exon=> In CDS Exon 1 of transcript AGAP002503-PA
JHU_Ag_97212	TAILPYSSGTTGLPK	AGAP002503-PA	-	52	5.14E-05	2	1505.825	2.47	Visceras	2R:-:22064776-22064732	exon=> In CDS Exon 4 of transcript AGAP002503-PA
JHU_Ag_98972	DIDIAQGYGMTESSPVTLCTPHR	AGAP002503-PA	M10(Oxidation), C19(Carbamidomethyl),C19(Carbamidomethyl)	117	2.09E-11	1	2564.184	3.2	Head	2R:-:22053842-22053774	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_103538	IVSLSDGSNLGPHQTGELYLR	AGAP002503-PA	-	67	2.25E-06	1	2256.166	1.81	Malpighian tubule	2R:-:22053716-22053654	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_104306	AFVVVKPGSQLDER	AGAP002503-PA	-	32	0.006412146	2	1544.848	3.23	Head	2R:-:22051399-22051358	exon=> In CDS Exon 7 of transcript AGAP002503-PA
JHU_Ag_105351	TGDVAYYDKEGFFFIVDR	AGAP002503-PA	-	40	0.001683093	3	2142.022	1.87	Ovary	2R:-:22053575-22053522	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_113682	AFVVVKPGSQLDER	AGAP002503-PA	-	42	0.000585372	2	1544.842	-0.56	Salivary gland	2R:-:22051399-22051358	exon=> In CDS Exon 7 of transcript AGAP002503-PA
JHU_Ag_114552	IVSLSDGSNLGPHQTGELYLR	AGAP002503-PA	-	84	4.14E-08	1	2256.168	2.86	Visceras	2R:-:22053716-22053654	exon=> In CDS Exon 6 of transcript AGAP002503-PA
JHU_Ag_117157	GVELSHYNLVANLAQGSHPAISK	AGAP002503-PA	-	141	7.25E-14	1	2405.264	2.9	Head	2R:-:22064731-22064663	exon=> In CDS Exon 4 of transcript AGAP002503-PA
JHU_Ag_3801	ILPHQQNTGGFFVALLEK	AGAP002504-PA	-	51	5.83E-05	1	2012.097	0.13	Midgut	2R:-:22067687-22067634	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_6954	LLGGDLTKFEK	AGAP002504-PA	-	52	2.74E-05	1	1220.695	4.85	Malpighian tubule	2R:-:22066830-22066952,22066592-22066715	exon=> In CDS Exon 5 and 4 of transcript AGAP002504-PA
JHU_Ag_9051	AYVDQYDTVHMLR	AGAP002504-PA	M11(Oxidation)	82	9.49E-08	2	1610.773	5.93	Malpighian tubule	2R:-:22066869-22066831	exon=> In CDS Exon 4 of transcript AGAP002504-PA
JHU_Ag_10100	NADIWNKWNLAQASNLHGLQYR	AGAP002504-PA	-	113	6.16E-11	1	2612.327	5.71	Malpighian tubule	2R:-:22068083-22068018	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_12838	WNLAQASNLHGLQYR	AGAP002504-PA	-	95	4.35E-09	1	1770.908	2.69	Ovary	2R:-:22068062-22068018	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_13425	FFQLSADFEPR	AGAP002504-PA	-	62	7.70E-06	2	1356.659	0.83	Ovary	2R:-:22067456-22068866,22067025-22067356	exon=> In CDS Exon 3 and 2 of transcript AGAP002504-PA
JHU_Ag_14837	ILPHQQNTGGFFVALLEK	AGAP002504-PA	-	78	1.03E-07	1	2012.107	5.04	Ovary	2R:-:22067687-22067634	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_18395	LIKEDFFEEYFR	AGAP002504-PA	-	96	5.13E-09	1	1635.813	4.59	Ovary	2R:-:22068665-22068630	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_19048	ILPHQQNTGGFFVALLEK	AGAP002504-PA	-	35	0.002354082	1	2012.103	3.22	Malpighian tubule	2R:-:22067687-22067634	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_20795	DKPYESIVLENESFEAYYK	AGAP002504-PA	-	121	1.06E-11	1	2324.099	0.84	Ovary	2R:-:22068842-22068786	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_21160	EMAWQLELSR	AGAP002504-PA	M2(Oxidation)	58	3.22E-05	2	1262.620	0.25	Ovary	2R:-:22068554-22068525	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_29118	DLTFYK	AGAP002504-PA	-	33	0.003616786	1	786.403	0.09	Ovary	2R:-:22067813-22067796	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_33961	LHNFLISETSSGYISR	AGAP002504-PA	-	51	0.000108856	1	1823.927	-0.87	Salivary gland	2R:-:22068491-22068444	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_36181	AYVDQYDTVHMLR	AGAP002504-PA	M11(Oxidation)	50	0.000128579	1	1626.757	-0.53	Salivary gland	2R:-:22066869-22066831	exon=> In CDS Exon 4 of transcript AGAP002504-PA

JHU_Ag_36825	YSTGLTYWEPASK	AGAP002504-PA	-	49	0.000167 63	2	1502.717	0.82	Salivary gland	2R:-:22067852-22067814	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_44252	ESDDSLEIVECSGALPTLK	AGAP002504-PA	C11(Carbamidomethyl)	93	8.64E-09	1	2062.991	2.92	Ovary	2R:-:22067909-22067853	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_49381	AYVDQYDTVHMLR	AGAP002504-PA	-	71	1.21E-06	2	1610.764	0.78	Ovary	2R:-:22066869-22066831	exon=> In CDS Exon 4 of transcript AGAP002504-PA
JHU_Ag_50350	NADIWNKWNLAQASNLHGLQYR	AGAP002504-PA	-	88	1.91E-08	1	2612.316	1.72	Ovary	2R:-:22068083-22068018	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_53583	EDFFEEYFR	AGAP002504-PA	-	45	0.000184 143	2	1281.546	2.66	Ovary	2R:-:22068656-22068630	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_54006	ILPHQQNTGGFFVALLEK	AGAP002504-PA	-	68	1.01E-06	1	2012.099	1.22	Salivary gland	2R:-:22067687-22067634	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_54070	YSTGLTYWEPASK	AGAP002504-PA	-	58	2.25E-05	2	1502.722	3.66	Malpighian tubule	2R:-:22067852-22067814	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_57600	GAELLEVGGK	AGAP002504-PA	-	52	9.12E-05	2	972.540	3.6	Ovary	2R:-:22068005-22067976	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_65484	LASEGLANVNAYIGSQR	AGAP002504-PA	-	138	2.18E-13	1	1762.911	1.42	Ovary	2R:-:22067190-22067140	exon=> In CDS Exon 3 of transcript AGAP002504-PA
JHU_Ag_67915	DDGTVSPLKFDR	AGAP002504-PA	-	63	9.15E-06	1	1349.672	2.05	Ovary	2R:-:22068164-22068129	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_73190	LASEGLANVNAYIGSQR	AGAP002504-PA	-	85	3.64E-08	2	1762.911	1.28	Salivary gland	2R:-:22067190-22067140	exon=> In CDS Exon 3 of transcript AGAP002504-PA
JHU_Ag_79114	LIKEDFFEEYFR	AGAP002504-PA	-	55	5.27E-05	1	1635.806	0.37	Midgut	2R:-:22068665-22068630	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_79119	EDPFVFFDEK	AGAP002504-PA	-	51	7.28E-05	2	1272.584	4.74	Ovary	2R:-:22067513-22067484	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_79196	LIKEDFFEEYFR	AGAP002504-PA	-	39	0.002205 112	1	1635.810	2.83	Salivary gland	2R:-:22068665-22068630	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_79725	DDGTVSPLKFDR	AGAP002504-PA	-	57	3.23E-05	1	1349.678	6.3	Malpighian tubule	2R:-:22068164-22068129	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_80314	LVYSTCSLNPIENEAVLHHLLK	AGAP002504-PA	C6(Carbamidomethyl)	65	2.78E-06	1	2550.343	1.86	Ovary	2R:-:22067975-22067910	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_89556	YSTGLTYWEPASK	AGAP002504-PA	-	72	9.71E-07	2	1502.717	0.74	Ovary	2R:-:22067852-22067814	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_91822	QDLIALLSCTDPTRPPEISSLTAETQK	AGAP002504-PA	C9(Carbamidomethyl)	122	7.09E-12	1	2984.525	0.06	Ovary	2R:-:22067121-22067041	exon=> In CDS Exon 3 of transcript AGAP002504-PA
JHU_Ag_94017	WNLAQASNLHGLQYR	AGAP002504-PA	-	42	0.001000 951	1	1770.899	-2.42	Salivary gland	2R:-:22068062-22068018	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_98918	VLCDVPCSGDGTLRK	AGAP002504-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	65	6.50E-06	1	1676.816	3.83	Malpighian tubule	2R:-:22068128-22068084	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_100097	YSTGLTYWEPASK	AGAP002504-PA	-	56	3.53E-05	2	1502.718	0.98	Head	2R:-:22067852-22067814	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_101534	GAELLEVGGK	AGAP002504-PA	-	49	0.000227 085	2	972.537	0.52	Salivary gland	2R:-:22068005-22067976	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_105971	NLQGVASGSCVLECMVEDVK	AGAP002504-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	110	1.34E-10	1	2195.015	0.22	Ovary	2R:-:22067040-22067369,22066803-22066909	exon=> In CDS Exon 4 and 3 of transcript AGAP002504-PA
JHU_Ag_106143	LHNFLISETSSGYISR	AGAP002504-PA	-	71	1.16E-06	1	1823.927	-0.97	Ovary	2R:-:22068491-22068444	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_106451	LIKEDFFEEYFR	AGAP002504-PA	-	37	0.004239 369	1	1635.809	2.38	Visceras	2R:-:22068665-22068630	exon=> In CDS Exon 2 of transcript AGAP002504-PA
JHU_Ag_40896	TLDPLLEK	AGAP002505-PA	-	40	0.001101 299	1	928.546	11.31	Male reproductive organs	2R:-:22074253-22074230	exon=> In CDS Exon 19 of transcript AGAP002505-PA
JHU_Ag_47512	TCNQTILGLSPALSEK	AGAP002507-PA	C2(Carbamidomethyl)	56	2.98E-05	2	1731.897	1.1	Salivary gland	2R:+:22112847-22112894	exon=> In CDS Exon 1 of transcript AGAP002507-PA

JHU_Ag_95959	VFQSLSTDDILAK	AGAP002507-PA	-	47	0.000192873	2	1436.768	3.59	Salivary gland	2R:+:22112895-22112933	exon=> In CDS Exon 1 of transcript AGAP002507-PA
JHU_Ag_2050	APIALR	AGAP002508-PA	-	24	0.002055749	1	640.414	-0.55	Midgut	2R:-:22126442-22126425	exon=> In CDS Exon 1 of transcript AGAP002508-PA
JHU_Ag_5630	LAYAIPLQLLR	AGAP002508-PA	-	31	0.000423022	1	1270.796	6.17	Larva	2R:-:22124858-22124826	exon=> In CDS Exon 4 of transcript AGAP002508-PA
JHU_Ag_41390	AQLIDDALNIAR	AGAP002508-PA	-	69	1.11E-06	2	1312.728	4.62	Malpighian tubule	2R:-:22124903-22124868	exon=> In CDS Exon 4 of transcript AGAP002508-PA
JHU_Ag_107256	LAYAIPLQLLR	AGAP002508-PA	-	24	0.002367896	2	1270.795	5.31	Midgut	2R:-:22124858-22124826	exon=> In CDS Exon 4 of transcript AGAP002508-PA
JHU_Ag_107475	YSAAAVFDSIWR	AGAP002508-PA	-	61	1.09E-05	2	1385.695	6.95	Larva	2R:-:22124486-22124451	exon=> In CDS Exon 4 of transcript AGAP002508-PA
JHU_Ag_357	KVSALPISYESSSVSINPETMDVAVGGDDSK	AGAP002509-PA	M21(Oxidation)	77	2.98E-07	1	3198.535	-0.42	Midgut	2R:+:22131698-22131790	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_1944	VILYSVADYKPPHNK	AGAP002509-PA	-	87	1.61E-08	2	1743.945	1.21	Head	2R:+:22131920-22131949,22132019-22132033	exon=> In CDS Exon 3 and 4 of transcript AGAP002509-PA
JHU_Ag_2309	NFLYTNGHSVIIR	AGAP002509-PA	N6(Deamidated)	47	0.000313828	1	1534.803	1.12	Malpighian tubule	2R:+:22130404-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_5893	IITGSEDNTIGVFEGPPFK	AGAP002509-PA	N8(Deamidated)	133	6.87E-13	1	2021.024	0.57	Midgut	2R:+:22130885-22130941	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_6023	YSPSGFYIASGDASGK	AGAP002509-PA	-	94	5.14E-09	1	1606.739	0.32	Malpighian tubule	2R:+:22130597-22130644	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_8087	LWDVATR	AGAP002509-PA	-	39	0.002186763	2	860.463	0.7	Malpighian tubule	2R:+:22131176-22131196	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_9002	VAGIGHGNQINDIR	AGAP002509-PA	-	101	1.06E-09	1	1463.773	1.33	Pupa	2R:+:22131467-22131508	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_9263	KVILYSVADYKPPHNK	AGAP002509-PA	-	74	1.64E-07	1	1872.037	-0.57	Midgut	2R:+:22131917-22131949,22132019-22132033	exon=> In CDS Exon 3 and 4 of transcript AGAP002509-PA
JHU_Ag_9297	FIYATLPR	AGAP002509-PA	-	47	9.88E-05	1	980.560	3.52	Ovary	2R:+:22130332-22130355	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_9725	GQPIVLGGDPK	AGAP002509-PA	-	54	2.73E-05	2	1080.609	3.44	Ovary	2R:+:22130365-22130397	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_9856	LDLEHLGPVTDVR	AGAP002509-PA	-	61	9.03E-06	1	1463.785	-0.42	Salivary gland	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_11685	NEFQPIGGPIK	AGAP002509-PA	-	37	0.002235226	2	1199.643	0.55	Visceras	2R:+:22130687-22130719	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_12814	VAGIGHGNQINDIR	AGAP002509-PA	-	44	0.000444534	2	1463.775	2.66	Visceras	2R:+:22131467-22131508	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_14656	LDLEHLGPVTDVR	AGAP002509-PA	-	65	3.78E-06	1	1463.786	0.33	Malpighian tubule	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_17330	FVQAVR	AGAP002509-PA	-	36	0.001877114	2	719.418	-2.05	Head	2R:+:22130972-22130989	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_17457	LDLEHLGPVTDVR	AGAP002509-PA	-	76	2.61E-07	1	1463.789	2.27	Head	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_18303	YSPSGHLFASAGFDGK	AGAP002509-PA	-	99	1.52E-09	1	1640.772	1.06	Male reproductive organs	2R:+:22130990-22131037	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_18431	LLVASDANR	AGAP002509-PA	-	51	0.000109527	1	958.531	-0.58	Pupa	2R:+:22131890-22131916	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_18739	VFIYDGTTSELVGEVGSPAHSGGVYGVAWKPDGTQLLTCSGDK	AGAP002509-PA	C39(Carbamidomethyl)	152	5.88E-15	1	4455.160	3.3	Visceras	2R:+:22131038-22131166	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_19746	YSPSGFYIASGDASGK	AGAP002509-PA	-	91	9.48E-09	1	1606.743	2.67	Head	2R:+:22130597-22130644	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_20686	AAGDFVYTAGIDDSIK	AGAP002509-PA	-	74	6.24E-07	1	1642.797	0.5	Ovary	2R:+:22131509-22131556	exon=> In CDS Exon 3 of transcript AGAP002509-PA

JHU_Ag_21125	LLVASDANRK	AGAP002509-PA	-	66	3.34E-06	1	1086.628	1.57	Male reproductive organs	2R:+:22131890-22131919	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_22332	IWDTVNKEHILK	AGAP002509-PA	-	43	0.000317579	2	1495.832	3.61	Head	2R:+:22130651-22130686	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_22719	LLVASDANRK	AGAP002509-PA	-	61	9.91E-06	1	1086.626	-0.68	Ovary	2R:+:22131890-22131919	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_22961	GQPIVLGGDPK	AGAP002509-PA	-	51	6.61E-05	2	1080.604	-0.4	Midgut	2R:+:22130365-22130397	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_23282	NFLYTNGHSVIIR	AGAP002509-PA	N6(Deamidated)	74	6.16E-07	1	1534.801	-0.31	Midgut	2R:+:22130404-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_26165	DITVLQDSR	AGAP002509-PA	-	41	0.001423222	2	1046.546	-1.45	Malpighian tubule	2R:+:22131671-22131697	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_27580	GKNFLYTNGHSVIIR	AGAP002509-PA	N8(Deamidated)	117	1.69E-11	1	1718.940	3.71	Malpighian tubule	2R:+:22130398-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_27746	GKNFLYTNGHSVIIR	AGAP002509-PA	N8(Deamidated)	88	1.80E-08	1	1719.919	0.51	Male reproductive organs	2R:+:22130398-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_28743	FIYATLPR	AGAP002509-PA	-	37	0.000997107	1	980.556	-0.15	Malpighian tubule	2R:+:22130332-22130355	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_29891	GQPIVLGGDPK	AGAP002509-PA	-	49	0.000105043	2	1080.604	-0.4	Male reproductive organs	2R:+:22130365-22130397	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_31180	FIYATLPR	AGAP002509-PA	-	50	6.72E-05	2	980.556	-0.84	Male reproductive organs	2R:+:22130332-22130355	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_31991	AAGDFVYTAGIDDSIK	AGAP002509-PA	-	100	1.44E-09	1	1642.800	2.44	Pupa	2R:+:22131509-22131556	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_32421	LLVASDANR	AGAP002509-PA	-	38	0.002330884	2	958.531	-1.03	Visceras	2R:+:22131890-22131916	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_32488	YSPSGFYIASGDASGK	AGAP002509-PA	-	73	5.70E-07	2	1606.739	0.24	Male reproductive organs	2R:+:22130597-22130644	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_33082	LLVASDANR	AGAP002509-PA	-	46	0.000449278	2	958.532	0.12	Salivary gland	2R:+:22131890-22131916	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_33247	NEFQPIGGPIK	AGAP002509-PA	-	53	5.54E-05	1	1199.643	1.12	Midgut	2R:+:22130687-22130719	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_33991	VAGIGHGNQINDIR	AGAP002509-PA	-	109	1.44E-10	1	1463.773	1.16	Malpighian tubule	2R:+:22131467-22131508	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_35737	NIDNPEIADIYTEHSCAVNVAK	AGAP002509-PA	C16(Carbamidomethyl)	93	7.16E-09	1	2473.178	4.47	Ovary	2R:+:22130443-22130451,22130540-22130596	exon=> In CDS Exon 2 and 3 of transcript AGAP002509-PA
JHU_Ag_37819	VSALPISYESSSVSINPETMDVAVGGDSK	AGAP002509-PA	M20(Oxidation)	131	1.09E-12	1	3070.451	3.1	Malpighian tubule	2R:+:22131701-22131790	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_38011	ESNTVVVGCVK	AGAP002509-PA	C9(Carbamidomethyl)	53	0.000104155	1	1191.604	0.06	Malpighian tubule	2R:+:22131638-22131670	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_38173	LDLEHLGPVTDVR	AGAP002509-PA	-	84	4.53E-08	1	1463.792	4.28	Ovary	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_38248	LLVASDANR	AGAP002509-PA	-	48	0.000240505	2	958.535	3.18	Ovary	2R:+:22131890-22131916	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_38843	GHNKPITVLTLSDDR	AGAP002509-PA	-	82	5.58E-08	3	1665.899	4.15	Ovary	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_39274	VAGIGHGNQINDIR	AGAP002509-PA	-	90	1.19E-08	1	1463.773	0.91	Ovary	2R:+:22131467-22131508	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_41357	AAGDFVYTAGIDDSIK	AGAP002509-PA	-	75	4.60E-07	2	1642.796	0.28	Male reproductive organs	2R:+:22131509-22131556	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_41407	ESNTVVVGCVK	AGAP002509-PA	C9(Carbamidomethyl)	64	6.64E-06	1	1191.603	-0.65	Pupa	2R:+:22131638-22131670	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_41844	YSPSGFYIASGDASGK	AGAP002509-PA	-	111	1.09E-10	1	1606.745	3.81	Ovary	2R:+:22130597-22130644	exon=> In CDS Exon 3 of transcript AGAP002509-PA

JHU_Ag_42802	ESNTVVVGCVK	AGAP002509-PA	C9(Carbamidomethyl)	45	0.000590416	2	1191.607	3.03	Ovary	2R:+:22131638-22131670	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_43520	LDLEHLGPVTDVR	AGAP002509-PA	-	63	5.54E-06	1	1463.788	1.99	Pupa	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_44656	GHNKPITVLTLSDDR	AGAP002509-PA	-	77	2.07E-07	1	1665.894	1.51	Malpighian tubule	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_44675	LDLEHLGPVTDVR	AGAP002509-PA	-	74	4.61E-07	1	1463.785	-0.51	Midgut	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_44721	FVQAVR	AGAP002509-PA	-	37	0.001698307	2	719.419	-0.78	Midgut	2R:+:22130972-22130989	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_47288	STIYTGSHDGAVTNWNSGSGTNDR	AGAP002509-PA	-	129	1.12E-12	1	2497.099	0.58	Pupa	2R:+:22131395-22131466	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_47516	LWDVATR	AGAP002509-PA	-	46	0.000440354	1	860.463	0.06	Pupa	2R:+:22131176-22131196	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_48040	DITVLQDSRK	AGAP002509-PA	-	52	7.08E-05	1	1174.644	1.2	Ovary	2R:+:22131671-22131700	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_48364	STIYTGSHDGAVTNWNSGSGTNDR	AGAP002509-PA	-	63	4.21E-06	1	2497.099	0.5	Ovary	2R:+:22131395-22131466	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_49487	FIYATLPR	AGAP002509-PA	-	46	0.000135127	2	980.556	-0.53	Midgut	2R:+:22130332-22130355	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_53470	GQPIVLGGDPK	AGAP002509-PA	-	54	2.84E-05	1	1080.604	-0.85	Pupa	2R:+:22130365-22130397	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_53498	GQPIVLGGDPK	AGAP002509-PA	-	69	1.04E-06	1	1080.606	1.41	Malpighian tubule	2R:+:22130365-22130397	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_53611	YSPSGFYIASGDASGK	AGAP002509-PA	-	97	2.27E-09	1	1606.741	1.53	Pupa	2R:+:22130597-22130644	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_54090	VILYSVADYKPPHNK	AGAP002509-PA	-	41	0.000654754	1	1743.944	0.57	Midgut	2R:+:22131920-22131949,22132019-22132033	exon=> In CDS Exon 3 and 4 of transcript AGAP002509-PA
JHU_Ag_55865	NIDNPEIADIYTEHSCAVNVAK	AGAP002509-PA	C16(Carbamidomethyl)	65	4.48E-06	1	2473.166	-0.12	Male reproductive organs	2R:+:22130443-22130451,22130540-22130596	exon=> In CDS Exon 2 and 3 of transcript AGAP002509-PA
JHU_Ag_55895	VAGIGHGNQINDIR	AGAP002509-PA	-	47	0.000240116	2	1463.774	1.74	Midgut	2R:+:22131467-22131508	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_59761	AAGDFVYTAGIDDSIK	AGAP002509-PA	-	92	8.94E-09	1	1642.794	-0.91	Head	2R:+:22131509-22131556	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_60618	IITGSEDNTIGVFEGPPFK	AGAP002509-PA	-	148	2.70E-14	1	2021.026	1.48	Head	2R:+:22130885-22130941	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_62468	IITGSEDNTIGVFEGPPFK	AGAP002509-PA	-	133	7.31E-13	1	2021.025	1.23	Pupa	2R:+:22130885-22130941	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_65353	LWDVATR	AGAP002509-PA	-	43	0.001046085	1	860.465	3.34	Ovary	2R:+:22131176-22131196	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_67038	IITGSEDNTIGVFEGPPFK	AGAP002509-PA	-	133	7.26E-13	1	2021.027	1.96	Visceras	2R:+:22130885-22130941	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_67500	NIDNPEIADIYTEHSCAVNVAK	AGAP002509-PA	C16(Carbamidomethyl)	81	1.09E-07	1	2473.169	1.21	Pupa	2R:+:22130443-22130451,22130540-22130596	exon=> In CDS Exon 2 and 3 of transcript AGAP002509-PA
JHU_Ag_67891	VAGIGHGNQINDIR	AGAP002509-PA	-	99	1.90E-09	1	1463.765	-4.43	Head	2R:+:22131467-22131508	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_68847	NEFQPIGGPIK	AGAP002509-PA	-	45	0.000335281	1	1199.647	4.42	Ovary	2R:+:22130687-22130719	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_70503	YSPSGFYIASGDASGK	AGAP002509-PA	-	98	1.97E-09	1	1606.737	-0.67	Midgut	2R:+:22130597-22130644	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_72083	IWDTVNKEHILK	AGAP002509-PA	-	50	6.66E-05	2	1495.829	1.41	Ovary	2R:+:22130651-22130686	exon=> In CDS Exon 3 of transcript AGAP002509-PA

JHU_Ag_72398	GKNFLYTNGHSVIIR	AGAP002509-PA	N8(Deamidated)	67	2.04E-06	1	1719.920	1.36	Pupa	2R:+:22130398-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_72807	IITGSEDNTIGVFEGPPFK	AGAP002509-PA	-	121	1.09E-11	1	2021.025	0.99	Ovary	2R:+:22130885-22130941	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_73792	YSPSGFYIASGDASGK	AGAP002509-PA	-	88	2.10E-08	2	1606.742	1.91	Visceras	2R:+:22130597-22130644	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_75875	YSPSGHLFASAGFDGK	AGAP002509-PA	-	91	1.08E-08	1	1640.771	0.39	Ovary	2R:+:22130990-22131037	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_76761	NFLYTNGHSVIIR	AGAP002509-PA	N6(Deamidated)	67	2.33E-06	1	1533.820	1.69	Ovary	2R:+:22130404-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_77514	IITGSEDNTIGVFEGPPFK	AGAP002509-PA	-	148	2.68E-14	1	2021.026	1.78	Male reproductive organs	2R:+:22130885-22130941	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_78850	GHNKPITVLTLSDDRSTIYTGSHDGAVTNWNSGSGTNDR	AGAP002509-PA	-	57	1.97E-05	1	4143.985	3.18	Malpighian tubule	2R:+:22131350-22131466	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_80439	LLVASDANRK	AGAP002509-PA	-	44	0.000494466	2	1086.626	-0.34	Midgut	2R:+:22131890-22131919	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_80892	IWDTVNKEHILK	AGAP002509-PA	-	60	5.41E-06	1	1495.825	-1.12	Midgut	2R:+:22130651-22130686	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_81653	IVIVGEGR	AGAP002509-PA	-	37	0.001782146	2	842.513	3.87	Ovary	2R:+:22130750-22130773	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_83529	AYSNKFIYATLPR	AGAP002509-PA	N-Term(Acetyl)	98	1.64E-09	1	1585.844	4.3	Malpighian tubule	2R:+:22129168-22129180,22130330-22130355	exon=> In CDS Exon 1 and 2 of transcript AGAP002509-PA
JHU_Ag_84374	IVIVGEGRER	AGAP002509-PA	-	47	0.000155273	1	1127.655	1.88	Malpighian tubule	2R:+:22130750-22130779	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_85436	GHNKPITVLTLSDDR	AGAP002509-PA	-	80	1.14E-07	1	1665.892	-0.25	Pupa	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_86878	YSPSGHLFASAGFDGK	AGAP002509-PA	-	105	4.60E-10	1	1640.775	3.06	Head	2R:+:22130990-22131037	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_87685	VAGIGHGNQINDIR	AGAP002509-PA	-	84	4.59E-08	1	1463.772	0.58	Male reproductive organs	2R:+:22131467-22131508	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_88589	FVQAVR	AGAP002509-PA	-	42	0.000466112	2	719.419	-1.46	Pupa	2R:+:22130972-22130989	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_88718	NEFQPIGGPIKDISWSPDSQR	AGAP002509-PA	-	90	1.50E-08	1	2371.172	1.93	Visceras	2R:+:22130687-22130749	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_88993	NFLYTNGHSVIIR	AGAP002509-PA	N6(Deamidated)	104	6.07E-10	1	1534.806	2.96	Pupa	2R:+:22130404-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_90158	NIDNPEIADIYTEHSCAVNVAK	AGAP002509-PA	C16(Carbamidomethyl)	93	6.87E-09	1	2473.169	1.21	Malpighian tubule	2R:+:22130443-22130451,22130540-22130596	exon=> In CDS Exon 2 and 3 of transcript AGAP002509-PA
JHU_Ag_90234	ESNTVVVGCVK	AGAP002509-PA	C9(Carbamidomethyl)	51	0.000161362	2	1191.606	1.39	Male reproductive organs	2R:+:22131638-22131670	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_91333	NIDNPEIADIYTEHSCAVNVAK	AGAP002509-PA	C16(Carbamidomethyl)	67	3.25E-06	2	2473.168	0.43	Midgut	2R:+:22130443-22130451,22130540-22130596	exon=> In CDS Exon 2 and 3 of transcript AGAP002509-PA
JHU_Ag_91868	AAGDFVYTAGIDDSIK	AGAP002509-PA	-	88	2.48E-08	1	1642.794	-0.91	Midgut	2R:+:22131509-22131556	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_93243	GQPIVLGGDPK	AGAP002509-PA	-	41	0.000667371	2	1080.605	-0.06	Visceras	2R:+:22130365-22130397	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_93503	NEFQPIGGPIKDISWSPDSQR	AGAP002509-PA	-	60	1.46E-05	1	2371.173	2.17	Head	2R:+:22130687-22130749	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_93953	NFLYTNGHSVIIR	AGAP002509-PA	-	92	7.00E-09	1	1533.820	1.53	Head	2R:+:22130404-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_94999	LDLEHLGPVTDVR	AGAP002509-PA	-	62	7.15E-06	1	1463.785	0.07	Male reproductive organs	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA

JHU_Ag_95457	LLVASDANRK	AGAP002509-PA	-	58	2.02E-05	1	1086.628	1.23	Head	2R:+:22131890-22131919	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_95665	LDLEHLGPVTDVR	AGAP002509-PA	-	60	1.12E-05	1	1463.786	0.41	Visceras	2R:+:22131833-22131871	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_95797	NEFQPIGGPIK	AGAP002509-PA	-	44	0.000451 15	1	1199.643	0.66	Pupa	2R:+:22130687-22130719	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_96803	GKNFLYTNGHSVIIR	AGAP002509-PA	N8(Deamidated)	45	0.000341 323	2	1719.920	1.51	Midgut	2R:+:22130398-22130442	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_96850	FIYATLPR	AGAP002509-PA	-	36	0.001223 503	1	980.557	1.03	Salivary gland	2R:+:22130332-22130355	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_100009	GHNKPITVLTLSDDR	AGAP002509-PA	-	101	8.13E-10	1	1665.890	-1.2	Midgut	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_100138	NEFQPIGGPIKDISWSPDSQR	AGAP002509-PA	-	65	4.98E-06	1	2371.170	0.85	Male reproductive organs	2R:+:22130687-22130749	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_100558	NIDNPEIADIYTEHSCAVNVAK	AGAP002509-PA	C16(Carbamidomethyl)	73	8.26E-07	1	2473.173	2.69	Head	2R:+:22130443-22130451,22130540-22130596	exon=> In CDS Exon 2 and 3 of transcript AGAP002509-PA
JHU_Ag_101734	FIYATLPR	AGAP002509-PA	-	51	4.10E-05	2	980.557	1.03	Pupa	2R:+:22130332-22130355	exon=> In CDS Exon 2 of transcript AGAP002509-PA
JHU_Ag_102449	IITGSEDNTIGVFEGPPFK	AGAP002509-PA	-	82	8.92E-08	1	2021.023	0.39	Malpighian tubule	2R:+:22130885-22130941	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_102675	NIDNPEIADIYTEHSCAVNVAK	AGAP002509-PA	C16(Carbamidomethyl)	58	2.26E-05	1	2473.160	-2.49	Visceras	2R:+:22130443-22130451,22130540-22130596	exon=> In CDS Exon 2 and 3 of transcript AGAP002509-PA
JHU_Ag_104945	YSPSGHLFASAGFDGK	AGAP002509-PA	-	74	5.91E-07	1	1640.771	0.19	Malpighian tubule	2R:+:22130990-22131037	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_105827	GHNKPITVLTLSDDR	AGAP002509-PA	-	102	6.40E-10	1	1665.891	-0.39	Head	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_105940	GHNKPITVLTLSDDR	AGAP002509-PA	-	67	2.14E-06	2	1665.894	1.52	Visceras	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_106653	DITVLQDSR	AGAP002509-PA	-	61	1.47E-05	1	1046.548	-0.17	Head	2R:+:22131671-22131697	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_109076	GHNKPITVLTLSDDR	AGAP002509-PA	-	48	0.000184 976	1	1665.892	-0.25	Male reproductive organs	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_109709	STIYTGSHDGAVTNWNSGSGTNDR	AGAP002509-PA	-	109	1.08E-10	1	2497.102	1.97	Head	2R:+:22131395-22131466	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_110114	NEFQPIGGPIK	AGAP002509-PA	-	65	3.08E-06	1	1199.646	3.1	Malpighian tubule	2R:+:22130687-22130719	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_113335	YSPDNKLLVASDANR	AGAP002509-PA	-	85	5.31E-08	1	1662.847	1.54	Malpighian tubule	2R:+:22131872-22131916	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_113632	AAGDFVYTAGIDDSIK	AGAP002509-PA	-	62	9.32E-06	1	1642.796	0.06	Malpighian tubule	2R:+:22131509-22131556	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_113782	YSPSGHLFASAGFDGK	AGAP002509-PA	-	105	3.77E-10	1	1640.770	-0.28	Pupa	2R:+:22130990-22131037	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_113812	IWDTVNKEHILK	AGAP002509-PA	-	62	3.25E-06	1	1495.834	5.08	Male reproductive organs	2R:+:22130651-22130686	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_115396	IWDTVNKEHILK	AGAP002509-PA	-	33	0.003094 281	1	1495.826	-0.65	Pupa	2R:+:22130651-22130686	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_116699	GHNKPITVLTLSDDR	AGAP002509-PA	-	72	6.12E-07	1	1665.893	0.41	Salivary gland	2R:+:22131350-22131394	exon=> In CDS Exon 3 of transcript AGAP002509-PA
JHU_Ag_73083	KPKKPK	AGAP002510-PA,AGAP007327-PA,AGAP007327-PB	-	33	0.000693 282	2	725.503	-0.98	Head	2R:-:22139957-22139940;2L:+:45587963-45587980;2L:+:45587963-45587980	exon=> In CDS Exon 1 of transcript AGAP002510-PA;exon=> In CDS Exon 13 of transcript AGAP007327-PA;exon=> In CDS Exon 10 of transcript AGAP007327-PB

JHU_Ag_30	KQATFSER	AGAP002518-PA	-	55	4.18E-05	1	966.501	0.75	Visceras	2R:-:22187902-22187879	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_422	VLQNLTAAER	AGAP002518-PA	-	68	1.89E-06	2	1114.622	0.84	Visceras	2R:-:22186864-22186835	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_1436	QSQILEANAK	AGAP002518-PA	-	53	7.44E-05	2	1101.592	1.87	Malpighian tubule	2R:-:22186792-22186763	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_1637	WILSGVDHTASEFTDGSR	AGAP002518-PA	-	86	4.40E-08	2	1977.933	1.26	Malpighian tubule	2R:-:22185439-22185386	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_1984	ECIMVTSGAVAFGK	AGAP002518-PA	C2(Carbamidomethyl), M4(Oxidation)	67	2.44E-06	1	1485.712	2.87	Head	2R:-:22187740-22187699	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_2122	IAQVLVTEPDFYNEETR	AGAP002518-PA	-	37	0.002849992	1	2023.999	0.75	Ovary	2R:-:22187524-22187474	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_3375	ATPVEQIAENAR	AGAP002518-PA	-	79	1.39E-07	2	1298.670	-0.19	Male reproductive organs	2R:-:22186993-22187953,22186640-22186877	exon=> In CDS Exon 3 and 2 of transcript AGAP002518-PA
JHU_Ag_3851	QSQILEANAK	AGAP002518-PA	-	59	2.02E-05	1	1101.591	1.05	Visceras	2R:-:22186792-22186763	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_4434	QDAGTLVEPR	AGAP002518-PA	-	59	1.18E-05	2	1085.559	0.02	Salivary gland	2R:-:22187626-22187597	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_5138	FEYGALECSIEVVK	AGAP002518-PA	C8(Carbamidomethyl)	86	3.92E-08	1	1643.806	4.62	Head	2R:-:22185806-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_5546	LGSAVITREDEHGLALGR	AGAP002518-PA	-	94	4.10E-09	1	1894.015	0.58	Ovary	2R:-:22187842-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_7145	AQAVNTLADLLISR	AGAP002518-PA	-	116	1.45E-11	2	1484.851	4.93	Malpighian tubule	2R:-:22186834-22186793	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_9058	AQHIPVMGHAEGICHVYVDREADLDK	AGAP002518-PA	M7(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	62	9.36E-06	1	2960.426	4.09	Malpighian tubule	2R:-:22186177-22186100	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_10786	ATPVEQIAENAR	AGAP002518-PA	-	93	5.92E-09	1	1298.670	0.09	Visceras	2R:-:22186993-22187953,22186640-22186877	exon=> In CDS Exon 3 and 2 of transcript AGAP002518-PA
JHU_Ag_12753	LTQELIMSLSMR	AGAP002518-PA	M7(Oxidation), M11(Oxidation),"Q3(Deamidated), M7(Oxidation), M11(Oxidation)"	83	6.78E-08	2	1453.741	1.64	Male reproductive organs	2R:-:22187692-22187657	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_12810	SLKFEYGALECSIEVVK	AGAP002518-PA	C11(Carbamidomethyl)	62	8.28E-06	2	1972.017	3.47	Visceras	2R:-:22185815-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_12962	AAAAVGQSGLMSLYDAMFAQYGIK	AGAP002518-PA	M17(Oxidation),"M11(Oxidation), M17(Oxidation)"	140	1.90E-13	1	2479.211	4.42	Visceras	2R:-:22187596-22187525	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_13614	FGLGAEVGISTAR	AGAP002518-PA	-	75	3.54E-07	1	1277.688	2.17	Salivary gland	2R:-:22185526-22185488	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_14081	VMAATWALDR	AGAP002518-PA	M2(Oxidation)	85	5.96E-08	1	1149.573	0.54	Visceras	2R:-:22187128-22187099	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_15562	ETLSPTDHTR	AGAP002518-PA	-	64	4.06E-06	1	1156.562	2.25	Malpighian tubule	2R:-:22187656-22187627	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_16147	LASIVEQVAEYHVEGRECIMVTSGAVAFGK	AGAP002518-PA	C18(Carbamidomethyl), M20(Oxidation),C18(Carbamidomethyl)	87	1.78E-08	1	3266.641	6.72	Malpighian tubule	2R:-:22187788-22187699	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_17859	ATPVEQIAENAR	AGAP002518-PA	-	80	1.34E-07	1	1298.670	0.28	Salivary gland	2R:-:22186993-22187953,22186640-22186877	exon=> In CDS Exon 3 and 2 of transcript AGAP002518-PA

JHU_Ag_17966	VGTFFTESTAEK	AGAP002518-PA	-	65	4.25E-06	2	1316.639	1.36	Visceras	2R:-:22187029-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_18477	IAQVLVTEPDFYNEETRK	AGAP002518-PA	-	74	5.27E-07	1	2152.095	1.12	Male reproductive organs	2R:-:22187524-22187471	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_21852	LSLTPSKLESLAK	AGAP002518-PA	-	88	2.88E-09	1	1386.825	3.64	Malpighian tubule	2R:-:22186711-22186673	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_23358	ATPVEQIAENAR	AGAP002518-PA	-	94	5.25E-09	1	1298.671	0.94	Head	2R:-:22186993-22187953,22186640-22186877	exon=> In CDS Exon 3 and 2 of transcript AGAP002518-PA
JHU_Ag_24022	LASIVEQVAEYHVEGR	AGAP002518-PA	-	123	6.28E-12	1	1799.932	1.79	Ovary	2R:-:22187788-22187741	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_25406	IAQVLVTEPDFYNEETRK	AGAP002518-PA	-	80	1.49E-07	1	2152.093	0.19	Head	2R:-:22187524-22187471	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_25769	LGSAVITR	AGAP002518-PA	-	63	8.06E-06	2	816.493	-0.52	Head	2R:-:22187842-22187819	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_26131	GVSVVICNGMQDK	AGAP002518-PA	C7(Carbamidomethyl), M10(Oxidation)	42	0.0009126	2	1422.671	-0.66	Head	2R:-:22187098-22187060	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_27340	EEISDLLSMDEHIDLIIPR	AGAP002518-PA	M9(Oxidation)	84	6.74E-08	1	2254.131	1.75	Salivary gland	2R:-:22186270-22186214	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_27950	LGSAVITREDEHGLALGR	AGAP002518-PA	-	119	1.09E-11	1	1894.021	3.57	Malpighian tubule	2R:-:22187842-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_28306	IAQVLVTEPDFYNEETRK	AGAP002518-PA	-	68	2.14E-06	1	2152.094	0.78	Ovary	2R:-:22187524-22187471	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_28372	QSQILEANAK	AGAP002518-PA	-	58	2.67E-05	2	1101.591	0.87	Salivary gland	2R:-:22186792-22186763	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_29722	AQAVNTLADLLISR	AGAP002518-PA	-	130	6.65E-13	1	1484.844	0.57	Salivary gland	2R:-:22186834-22186793	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_30128	NLEEAIDHVHTYGSGHTDVIVTENPTSATYFQSNVDSACVFHNASSR	AGAP002518-PA	C39(Carbamidomethyl)	80	5.87E-08	1	5177.353	-0.66	Salivary gland	2R:-:22185764-22185973,22185350-22185545	exon=> In CDS Exon 6 and 5 of transcript AGAP002518-PA
JHU_Ag_30450	ATPVEQIAENAR	AGAP002518-PA	-	75	4.16E-07	2	1298.670	0.37	Ovary	2R:-:22186993-22187953,22186640-22186877	exon=> In CDS Exon 3 and 2 of transcript AGAP002518-PA
JHU_Ag_30637	ALMELVK	AGAP002518-PA	M3(Oxidation)	47	0.000179475	1	803.470	0.38	Salivary gland	2R:-:22186345-22186325	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_30749	LSLTPSKLESLAK	AGAP002518-PA	-	40	0.000226433	1	1386.819	-0.95	Male reproductive organs	2R:-:22186711-22186673	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_30970	FEYGALECSIEVVK	AGAP002518-PA	C8(Carbamidomethyl)	100	1.53E-09	1	1643.803	2.54	Ovary	2R:-:22185806-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_30978	LASIVEQVAEYHVEGR	AGAP002518-PA	-	140	1.39E-13	1	1799.935	3.76	Visceras	2R:-:22187788-22187741	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_30988	FEYGALECSIEVVK	AGAP002518-PA	C8(Carbamidomethyl)	87	3.29E-08	1	1643.805	3.65	Male reproductive organs	2R:-:22185806-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_33917	GPVGVEGLLTTK	AGAP002518-PA	-	78	1.17E-07	1	1170.676	3	Malpighian tubule	2R:-:22185475-22185440	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_34250	AQHIPVMGHAEGICHVYVDR	AGAP002518-PA	M7(Oxidation), C14(Carbamidomethyl)	93	7.54E-09	1	2305.095	-0.53	Salivary gland	2R:-:22186177-22186118	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_34458	ETLSPTDHTR	AGAP002518-PA	-	53	5.01E-05	2	1156.556	-2.92	Salivary gland	2R:-:22187656-22187627	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_35881	ESLAATGASNAISLVSTR	AGAP002518-PA	-	98	2.17E-09	2	1747.921	1.51	Ovary	2R:-:22186324-22186271	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_36927	GPVGVEGLLTTK	AGAP002518-PA	-	98	1.27E-09	1	1170.675	1.85	Visceras	2R:-:22185475-22185440	exon=> In CDS Exon 6 of transcript AGAP002518-PA

JHU_Ag_37231	AQAVNTLADLLISR	AGAP002518-PA	N5(Deamidated),Q2(Deamidated),"Q2(Deamidated), N5(Deamidated)"	130	5.52E-13	1	1484.849	4.03	Head	2R:-:22186834-22186793	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_38481	SLKFEYGALECSIEVVK	AGAP002518-PA	C11(Carbamidomethyl)	39	0.001666679	3	1972.010	0.34	Ovary	2R:-:22185815-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_41082	VLQNLTAAERAQAVNTLADLLISR	AGAP002518-PA	-	90	1.35E-09	1	2580.468	8.11	Malpighian tubule	2R:-:22186864-22186793	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_42333	QDAGTLVEPR	AGAP002518-PA	-	66	2.61E-06	2	1085.558	-0.32	Visceras	2R:-:22187626-22187597	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_43015	VLQNLTAAER	AGAP002518-PA	-	83	5.68E-08	1	1114.622	0.29	Salivary gland	2R:-:22186864-22186835	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_43185	LGSAVITR	AGAP002518-PA	-	77	3.37E-07	2	816.494	0.82	Salivary gland	2R:-:22187842-22187819	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_43652	SGLAKPLLSR	AGAP002518-PA	-	51	3.72E-05	1	1041.641	-0.27	Head	2R:-:22186741-22186712	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_44259	AWLHQSLPTDQ	AGAP002518-PA	-	65	4.58E-06	2	1295.639	0.71	Salivary gland	2R:-:22185385-22185353	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_45681	ECIMVTSGAVAFGK	AGAP002518-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M4(Oxidation)"	91	9.91E-09	1	1469.716	2.01	Visceras	2R:-:22187740-22187699	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_46060	QIADDSHRNVGR	AGAP002518-PA	-	46	0.000388011	1	1367.681	2.22	Malpighian tubule	2R:-:22186663-22186881,22186057-22186529	exon=> In CDS Exon 4 and 3 of transcript AGAP002518-PA
JHU_Ag_46108	KSGLAKPLLSR	AGAP002518-PA	-	21	0.007468657	3	1169.736	-0.2	Head	2R:-:22186744-22186712	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_46350	LADGLELK	AGAP002518-PA	-	47	0.000365718	1	858.494	0.7	Head	2R:-:22186510-22186487	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_48628	ETLSPTDHTR	AGAP002518-PA	-	64	3.54E-06	1	1156.560	0.35	Visceras	2R:-:22187656-22187627	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_49177	VGTFFTESTAEK	AGAP002518-PA	-	64	5.54E-06	2	1316.638	0.52	Ovary	2R:-:22187029-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_49181	GPVGVEGLLTTK	AGAP002518-PA	-	72	5.36E-07	1	1170.673	0.08	Ovary	2R:-:22185475-22185440	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_49454	LASIVEQVAEYHVEGR	AGAP002518-PA	-	55	3.62E-05	1	1799.927	-1.2	Male reproductive organs	2R:-:22187788-22187741	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_50327	AQHIPVMGHAEGICHVYVDR	AGAP002518-PA	M7(Oxidation), C14(Carbamidomethyl)	101	1.17E-09	1	2305.093	-1.34	Head	2R:-:22186177-22186118	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_50551	AQAVNTLADLLISR	AGAP002518-PA	-	126	1.37E-12	1	1484.848	3.12	Visceras	2R:-:22186834-22186793	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_51867	LADGLELK	AGAP002518-PA	-	46	0.000485453	2	858.493	0.06	Salivary gland	2R:-:22186510-22186487	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_52786	GLKQIADDSHR	AGAP002518-PA	-	45	0.000347681	1	1239.647	2.17	Malpighian tubule	2R:-:22186672-22186640	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_54486	KQATFSER	AGAP002518-PA	-	49	0.00016178	2	966.503	2.26	Salivary gland	2R:-:22187902-22187879	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_55165	WILSGVDHTASEFTDGSR	AGAP002518-PA	-	94	6.68E-09	1	1977.934	1.84	Salivary gland	2R:-:22185439-22185386	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_55470	ESLAATGASNAISLVSTR	AGAP002518-PA	N10(Deamidated)	123	5.59E-12	1	1747.922	1.93	Salivary gland	2R:-:22186324-22186271	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_55590	LADGLELK	AGAP002518-PA	-	57	3.66E-05	2	858.494	0.91	Visceras	2R:-:22186510-22186487	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_55629	VGTFFTESTAEKATPVEQIAENAR	AGAP002518-PA	-	151	1.02E-14	1	2596.304	5.77	Malpighian tubule	2R:-:22187029-22187953,22186640-22186877	exon=> In CDS Exon 3 and 2 of transcript AGAP002518-PA

JHU_Ag_56069	SGLAKPLLSR	AGAP002518-PA	-	67	9.32E-07	1	1041.640	-1.09	Visceras	2R:-:22186741-22186712	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_56166	LNQMLTFGPPQAK	AGAP002518-PA	M4(Oxidation)	74	6.19E-07	1	1460.757	0.47	Ovary	2R:-:22185854-22185816	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_57790	FGLGAEVGISTAR	AGAP002518-PA	-	111	8.56E-11	2	1277.688	2.17	Visceras	2R:-:22185526-22185488	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_58139	KVGTFFTESTAEK	AGAP002518-PA	-	45	0.000424348	2	1444.734	1.24	Ovary	2R:-:22187032-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_58552	LSLTPSK	AGAP002518-PA	-	40	0.001832455	1	745.446	0.7	Visceras	2R:-:22186711-22186691	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_59257	SLKFEYGALECSIEVVK	AGAP002518-PA	C11(Carbamidomethyl)	94	5.61E-09	2	1972.012	1.25	Salivary gland	2R:-:22185815-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_59654	LNQMLTFGPPQAK	AGAP002518-PA	M4(Oxidation)	66	4.27E-06	1	1460.758	0.89	Male reproductive organs	2R:-:22185854-22185816	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_59913	AQHIPVMGHAEGICHVYVDR	AGAP002518-PA	M7(Oxidation), C14(Carbamidomethyl)	66	3.86E-06	1	2305.103	2.71	Visceras	2R:-:22186177-22186118	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_60181	KVGTFFTESTAEK	AGAP002518-PA	-	65	3.83E-06	2	1444.734	1.32	Malpighian tubule	2R:-:22187032-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_60517	VMAATWALDR	AGAP002518-PA	M2(Oxidation)	41	0.001263993	2	1149.571	-0.62	Male reproductive organs	2R:-:22187128-22187099	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_60532	AQAVNTLADLLISR	AGAP002518-PA	-	124	2.32E-12	1	1484.845	1.07	Ovary	2R:-:22186834-22186793	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_60922	EEISDLLSMDEHIDLIIPR	AGAP002518-PA	M9(Oxidation)	82	1.04E-07	1	2254.137	4.43	Head	2R:-:22186270-22186214	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_61464	EDEHGLALGR	AGAP002518-PA	-	68	2.30E-06	1	1096.539	0.25	Visceras	2R:-:22187818-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_61782	LTQELIMSLSMR	AGAP002518-PA	M7(Oxidation), M11(Oxidation),M11(Oxidation)	84	6.24E-08	1	1453.744	3.57	Salivary gland	2R:-:22187692-22187657	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_62261	LGSAVITREDEHGLALGR	AGAP002518-PA	-	101	6.82E-10	1	1894.017	1.25	Head	2R:-:22187842-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_63256	QDAGTLVEPR	AGAP002518-PA	-	68	1.61E-06	2	1085.558	-0.43	Head	2R:-:22187626-22187597	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_63666	IAQVLVTEPDFYNEETR	AGAP002518-PA	-	79	1.95E-07	1	2024.002	2.13	Visceras	2R:-:22187524-22187474	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_66064	AQAVNTLADLLISR	AGAP002518-PA	Q2(Deamidated)	115	1.98E-11	1	1484.844	0.74	Male reproductive organs	2R:-:22186834-22186793	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_66074	GVSVVICNGMQDK	AGAP002518-PA	C7(Carbamidomethyl), N8(Deamidated), M10(Oxidation)	64	5.18E-06	1	1423.655	-0.66	Salivary gland	2R:-:22187098-22187060	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_66786	LGSAVITR	AGAP002518-PA	-	70	1.50E-06	2	816.494	0.37	Visceras	2R:-:22187842-22187819	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_66791	SGLAKPLLSR	AGAP002518-PA	-	37	0.000909406	1	1041.645	3.72	Malpighian tubule	2R:-:22186741-22186712	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_66797	IHARGPVGVEGLLTTK	AGAP002518-PA	-	81	1.21E-08	1	1647.961	4.1	Malpighian tubule	2R:-:22185487-22185440	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_67001	FEYGALECSIEVVK	AGAP002518-PA	C8(Carbamidomethyl)	90	1.64E-08	1	1643.805	3.88	Salivary gland	2R:-:22185806-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_67244	FEYGALECSIEVVK	AGAP002518-PA	C8(Carbamidomethyl)	107	3.11E-10	1	1643.802	1.87	Visceras	2R:-:22185806-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_68463	LNQMLTFGPPQAK	AGAP002518-PA	M4(Oxidation)	74	6.53E-07	1	1460.757	0.55	Salivary gland	2R:-:22185854-22185816	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_68698	ATPVEQIAENAR	AGAP002518-PA	-	94	5.29E-09	1	1298.676	4.7	Malpighian tubule	2R:-:22186993-22187953,22186640-22186877	exon=> In CDS Exon 3 and 2 of transcript AGAP002518-PA

JHU_Ag_68720	IAQVLVTEPDFYNEETRK	AGAP002518-PA	-	46	0.000313404	1	2152.098	2.74	Midgut	2R:-:22187524-22187471	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_72237	AWLHQSLPTDQ	AGAP002518-PA	-	59	1.65E-05	2	1295.639	0.9	Head	2R:-:22185385-22185353	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_72470	VGTFFTESTAEK	AGAP002518-PA	-	81	1.18E-07	1	1316.642	3.68	Malpighian tubule	2R:-:22187029-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_72968	VGTFFTESTAEK	AGAP002518-PA	-	72	8.80E-07	2	1316.638	1.08	Head	2R:-:22187029-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_73192	EDEHGLALGR	AGAP002518-PA	-	50	0.000142276	1	1096.541	2.93	Salivary gland	2R:-:22187818-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_73453	GPVGVEGLLTTK	AGAP002518-PA	-	85	2.40E-08	1	1170.673	0.18	Male reproductive organs	2R:-:22185475-22185440	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_73702	LGSAVITREDEHGLALGR	AGAP002518-PA	-	83	4.62E-08	1	1894.015	0.48	Salivary gland	2R:-:22187842-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_74593	AAAAVGQSGLMSLYDAMFAQYGIK	AGAP002518-PA	M17(Oxidation),M11(Oxidation),"M11(Oxidation), M17(Oxidation)"	88	2.71E-08	1	2495.213	7.43	Malpighian tubule	2R:-:22187596-22187525	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_74675	QSQILEANAK	AGAP002518-PA	-	53	7.40E-05	1	1101.591	1.38	Head	2R:-:22186792-22186763	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_74716	AAAAVGQSGLMSLYDAMFAQYGIK	AGAP002518-PA	M11(Oxidation),"M11(Oxidation), M17(Oxidation)"	155	4.73E-15	1	2495.213	7.28	Salivary gland	2R:-:22187596-22187525	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_75341	LSLTPSKLESLAK	AGAP002518-PA	-	62	1.22E-06	1	1386.822	1.08	Visceras	2R:-:22186711-22186673	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_75583	LTQELIMSLSMR	AGAP002518-PA	-	56	3.52E-05	2	1421.755	3.97	Visceras	2R:-:22187692-22187657	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_76124	WILSGVDHTASEFTDGSR	AGAP002518-PA	-	90	1.51E-08	1	1977.933	1.46	Head	2R:-:22185439-22185386	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_76640	FGLGAEVGISTAR	AGAP002518-PA	-	42	0.000776739	2	1277.693	6.18	Malpighian tubule	2R:-:22185526-22185488	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_77123	IAQVLVTEPDFYNEETRK	AGAP002518-PA	-	81	1.06E-07	1	2152.101	4.16	Malpighian tubule	2R:-:22187524-22187471	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_77215	KVGTFFTESTAEK	AGAP002518-PA	-	104	5.27E-10	1	1444.740	5.55	Head	2R:-:22187032-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_77321	FGLGAEVGISTAR	AGAP002518-PA	-	87	2.49E-08	1	1277.688	2.55	Head	2R:-:22185526-22185488	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_77343	ALMELVK	AGAP002518-PA	M3(Oxidation)	46	0.000214712	1	819.465	0.84	Visceras	2R:-:22186345-22186325	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_79104	IAQVLVTEPDFYNEETR	AGAP002518-PA	-	48	0.000223539	1	2024.010	6.18	Malpighian tubule	2R:-:22187524-22187474	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_80493	VMAATWALDR	AGAP002518-PA	M2(Oxidation)	83	7.57E-08	1	1133.580	1.99	Salivary gland	2R:-:22187128-22187099	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_81473	AAAAVGQSGLMSLYDAMFAQYGIK	AGAP002518-PA	M11(Oxidation), M17(Oxidation)	77	3.48E-07	1	2495.177	-7.14	Head	2R:-:22187596-22187525	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_81956	IAQVLVTEPDFYNEETR	AGAP002518-PA	-	109	1.82E-10	1	2023.999	0.93	Salivary gland	2R:-:22187524-22187474	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_83183	LNQMLTFGPPQAK	AGAP002518-PA	M4(Oxidation)	84	5.40E-08	2	1460.764	4.9	Malpighian tubule	2R:-:22185854-22185816	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_83437	WILSGVDHTASEFTDGSR	AGAP002518-PA	-	137	2.90E-13	1	1977.931	0.52	Visceras	2R:-:22185439-22185386	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_84016	VLQNLTAAER	AGAP002518-PA	-	73	6.10E-07	1	1114.625	3.25	Malpighian tubule	2R:-:22186864-22186835	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_84488	EDEHGLALGR	AGAP002518-PA	-	73	6.09E-07	1	1096.538	0.03	Head	2R:-:22187818-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_84904	AWLHQSLPTDQ	AGAP002518-PA	-	63	6.66E-06	1	1295.644	4.95	Malpighian tubule	2R:-:22185385-22185353	exon=> In CDS Exon 6 of transcript AGAP002518-PA

JHU_Ag_85142	SLKFEYGALECSIEVVK	AGAP002518-PA	C11(Carbamidomethyl)	75	4.38E-07	1	1972.017	3.66	Malpighian tubule	2R:-:22185815-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_85214	SLKFEYGALECSIEVVK	AGAP002518-PA	C11(Carbamidomethyl)	73	7.01E-07	2	1972.018	3.97	Head	2R:-:22185815-22185765	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_86696	ETLSPTDHTR	AGAP002518-PA	-	52	7.63E-05	1	1156.561	1.51	Head	2R:-:22187656-22187627	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_87042	WILSGVDHTASEFTDGSR	AGAP002518-PA	-	55	4.52E-05	1	1977.932	0.72	Ovary	2R:-:22185439-22185386	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_87840	IAQVLVTEPDFYNEETRK	AGAP002518-PA	-	92	9.09E-09	1	2152.093	0.36	Salivary gland	2R:-:22187524-22187471	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_87909	FGLGAEVGISTAR	AGAP002518-PA	-	89	1.52E-08	1	1277.686	1.02	Ovary	2R:-:22185526-22185488	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_88614	KVGTFFTESTAEK	AGAP002518-PA	-	90	1.27E-08	2	1444.734	1.49	Salivary gland	2R:-:22187032-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_89139	LASIVEQVAEYHVEGR	AGAP002518-PA	-	140	1.41E-13	1	1799.936	3.82	Salivary gland	2R:-:22187788-22187741	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_89171	KVGTFFTESTAEK	AGAP002518-PA	-	90	1.26E-08	1	1444.735	2.25	Visceras	2R:-:22187032-22186994	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_89473	LSLTPSKLESLAK	AGAP002518-PA	-	58	3.07E-06	1	1386.821	0.64	Ovary	2R:-:22186711-22186673	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_91153	GPVGVEGLLTTKWILSGVDHTASEFTDGSR	AGAP002518-PA	-	99	1.08E-09	1	3129.607	6.81	Malpighian tubule	2R:-:22185475-22185386	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_91162	ECIMVTSGAVAFGK	AGAP002518-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	52	7.64E-05	2	1469.715	1.52	Ovary	2R:-:22187740-22187699	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_91486	AWLHQSLPTDQ	AGAP002518-PA	-	77	2.94E-07	1	1295.640	1.65	Visceras	2R:-:22185385-22185353	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_92387	QSQILEANAKDLDEAK	AGAP002518-PA	-	79	1.85E-07	2	1772.916	7.68	Malpighian tubule	2R:-:22186792-22186745	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_92556	SGLAKPLLSR	AGAP002518-PA	-	63	2.50E-06	1	1041.642	-0.03	Salivary gland	2R:-:22186741-22186712	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_94335	GVSVVICNGMQDK	AGAP002518-PA	C7(Carbamidomethyl), M10(Oxidation)	74	6.67E-07	1	1422.672	0.11	Visceras	2R:-:22187098-22187060	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_94768	ESLAATGASNAISLVSTR	AGAP002518-PA	-	126	3.34E-12	2	1747.922	2.14	Visceras	2R:-:22186324-22186271	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_100267	FADGFR	AGAP002518-PA	-	38	0.001538657	2	712.340	-1.69	Head	2R:-:22185544-22185527	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_101297	IAQVLVTEPDFYNEETRK	AGAP002518-PA	-	108	2.21E-10	1	2152.098	2.8	Visceras	2R:-:22187524-22187471	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_101408	LMHTYTAGDKNLIK	AGAP002518-PA	M2(Oxidation)	84	5.44E-08	1	1620.846	2.64	Malpighian tubule	2R:-:22187215-22187174	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_102613	ECIMVTSGAVAFGK	AGAP002518-PA	C2(Carbamidomethyl), M4(Oxidation)	89	1.50E-08	1	1485.709	0.81	Salivary gland	2R:-:22187740-22187699	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_102628	ALMELVK	AGAP002518-PA	M3(Oxidation)	38	0.001323205	2	819.467	3.23	Malpighian tubule	2R:-:22186345-22186325	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_102726	LGSAVITREDEHGLALGR	AGAP002518-PA	-	101	7.27E-10	1	1894.016	0.96	Visceras	2R:-:22187842-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_103621	GPVGVEGLLTTK	AGAP002518-PA	-	102	4.74E-10	1	1170.674	0.81	Salivary gland	2R:-:22185475-22185440	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_104187	LSLTPSKLESLAK	AGAP002518-PA	-	78	2.36E-08	1	1386.825	3.02	Salivary gland	2R:-:22186711-22186673	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_104571	AWLHQSLPTDQ	AGAP002518-PA	-	50	0.000144735	2	1295.638	0.33	Ovary	2R:-:22185385-22185353	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_105034	EEISDLLSMDEHIDLIIPR	AGAP002518-PA	M9(Oxidation)	110	1.46E-10	1	2254.137	4.1	Visceras	2R:-:22186270-22186214	exon=> In CDS Exon 4 of transcript AGAP002518-PA

JHU_Ag_105546	LASIVEQVAEYHVEGR	AGAP002518-PA	-	126	3.27E-12	1	1799.933	2.13	Head	2R:-:22187788-22187741	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_108172	EDEHGLALGR	AGAP002518-PA	-	40	0.001351841	2	1096.540	1.81	Malpighian tubule	2R:-:22187818-22187789	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_109902	LTQELIMSLSMR	AGAP002518-PA	M11(Oxidation)	68	2.12E-06	2	1437.748	2.79	Ovary	2R:-:22187692-22187657	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_110067	QDAGTLVEPR	AGAP002518-PA	-	39	0.001116276	2	1085.561	2.38	Malpighian tubule	2R:-:22187626-22187597	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_110267	VLQNLTAAER	AGAP002518-PA	-	78	1.77E-07	2	1114.623	0.95	Head	2R:-:22186864-22186835	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_110663	ESLAATGASNAISLVSTR	AGAP002518-PA	-	138	1.81E-13	1	1747.926	4.3	Head	2R:-:22186324-22186271	exon=> In CDS Exon 4 of transcript AGAP002518-PA
JHU_Ag_111369	FADGFRFGLGAEVGISTAR	AGAP002518-PA	-	68	2.19E-06	1	1971.018	4.92	Malpighian tubule	2R:-:22185544-22185488	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_111778	VMAATWALDR	AGAP002518-PA	M2(Oxidation)	59	2.05E-05	2	1133.581	3.07	Malpighian tubule	2R:-:22187128-22187099	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_113128	LSLTPSKLESLAK	AGAP002518-PA	-	69	1.95E-07	1	1386.824	2.4	Head	2R:-:22186711-22186673	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_113891	IAQVLVTEPDFYNEETR	AGAP002518-PA	-	87	2.83E-08	1	2024.002	2.26	Head	2R:-:22187524-22187474	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_113968	LMHTYTAGDKNLIK	AGAP002518-PA	M2(Oxidation)	37	0.003040724	1	1620.839	-1.43	Head	2R:-:22187215-22187174	exon=> In CDS Exon 2 of transcript AGAP002518-PA
JHU_Ag_115479	LSLTPSK	AGAP002518-PA	-	47	0.000198823	1	745.445	-0.53	Salivary gland	2R:-:22186711-22186691	exon=> In CDS Exon 3 of transcript AGAP002518-PA
JHU_Ag_115889	GPVGVEGLLTTK	AGAP002518-PA	-	72	5.36E-07	1	1170.674	0.7	Head	2R:-:22185475-22185440	exon=> In CDS Exon 6 of transcript AGAP002518-PA
JHU_Ag_116217	EGVKINSGPK	AGAP002518-PA	-	67	2.12E-06	1	1028.575	1.77	Malpighian tubule	2R:-:22185884-22185855	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_117205	LNQMLTFGPPQAK	AGAP002518-PA	M4(Oxidation)	71	1.18E-06	1	1444.766	2.7	Visceras	2R:-:22185854-22185816	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_117444	LNQMLTFGPPQAK	AGAP002518-PA	M4(Oxidation)	76	3.80E-07	1	1444.762	0.08	Head	2R:-:22185854-22185816	exon=> In CDS Exon 5 of transcript AGAP002518-PA
JHU_Ag_1119	FSQLGASLALTGR	AGAP002520-PA	-	51	7.06E-05	2	1320.730	2.04	Ovary	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_2340	FSQLGASLALTGR	AGAP002520-PA	-	85	2.88E-08	2	1320.726	-1.2	Midgut	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_4621	VNCVNPGVTVTNLHK	AGAP002520-PA	C3(Carbamidomethyl)	84	5.26E-08	1	1651.860	0.92	Visceras	2R:+:22321966-22322010	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_7731	FSQLGASLALTGR	AGAP002520-PA	-	101	6.48E-10	2	1320.728	1.02	Visceras	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_13022	VNCVNPGVTVTNLHKR	AGAP002520-PA	C3(Carbamidomethyl)	61	7.47E-06	1	1807.961	0.87	Malpighian tubule	2R:+:22321966-22322013	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_13076	MAVDQFTR	AGAP002520-PA	M1(Oxidation)	45	0.000307857	1	983.462	0.05	Ovary	2R:+:22321906-22321929	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_13372	SFPGVLAYNISK	AGAP002520-PA	-	64	3.04E-06	1	1295.704	3.71	Malpighian tubule	2R:+:22321870-22321905	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_21292	FSQLGASLALTGR	AGAP002520-PA	-	82	6.01E-08	2	1320.728	0.84	Male reproductive organs	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_24616	VNCVNPGVTVTNLHK	AGAP002520-PA	C3(Carbamidomethyl)	86	3.35E-08	1	1651.863	2.62	Head	2R:+:22321966-22322010	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_24778	KLDNLNEVASQCGGSPFVVAGDISK	AGAP002520-PA	C12(Carbamidomethyl)	143	6.41E-14	1	2605.301	3.2	Visceras	2R:+:22321555-22321629	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_25421	VNCVNPGVTVTNLHK	AGAP002520-PA	C3(Carbamidomethyl)	58	2.28E-05	1	1651.858	-0.12	Ovary	2R:+:22321966-22322010	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_28358	LDVLVNNAGIIETGTIETTSLEQYDR	AGAP002520-PA	-	78	1.61E-07	2	2864.473	7.14	Visceras	2R:+:22321681-22321758	exon=> In CDS Exon 1 of transcript AGAP002520-PA

JHU_Ag_28373	RGGMDEQTYAK	AGAP002520-PA	M4(Oxidation)	51	7.84E-05	1	1271.568	-0.2	Malpighian tubule	2R:+:22322011-22322043	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_29244	VNCVNPGVTVTNLHK	AGAP002520-PA	C3(Carbamidomethyl)	85	4.07E-08	1	1651.866	4.32	Malpighian tubule	2R:+:22321966-22322010	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_29930	FSQLGASLALTGR	AGAP002520-PA	-	77	2.13E-07	2	1320.727	0.28	Salivary gland	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_41108	GVRVNCVNPGVTVTNLHK	AGAP002520-PA	C6(Carbamidomethyl)	33	0.003558958	1	1964.056	3.14	Malpighian tubule	2R:+:22321957-22322010	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_42692	AVYHLTMLAVPHLLQSQGNVVNVSSVNGIR	AGAP002520-PA	M7(Oxidation)	141	2.04E-14	1	3216.756	7.79	Malpighian tubule	2R:+:22321780-22321869	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_43760	VVLITGASSGIGAATALK	AGAP002520-PA	-	98	2.56E-10	2	1628.962	2.51	Ovary	2R:+:22321462-22321515	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_43788	VVLITGASSGIGAATALK	AGAP002520-PA	-	141	1.55E-14	1	1628.961	1.46	Male reproductive organs	2R:+:22321462-22321515	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_46686	SFPGVLAYNISK	AGAP002520-PA	-	44	0.00036101	2	1295.699	-0.24	Salivary gland	2R:+:22321870-22321905	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_48194	KLDNLNEVASQCGGSPFVVAGDISK	AGAP002520-PA	C12(Carbamidomethyl)	53	7.00E-05	1	2605.306	5.24	Ovary	2R:+:22321555-22321629	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_48677	FSQLGASLALTGR	AGAP002520-PA	-	54	3.46E-05	2	1320.729	1.39	Malpighian tubule	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_52998	LDNLNEVASQCGGSPFVVAGDISK	AGAP002520-PA	C11(Carbamidomethyl)	93	9.46E-09	1	2477.213	6.11	Head	2R:+:22321558-22321629	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_64836	SFPGVLAYNISK	AGAP002520-PA	-	46	0.000218501	1	1295.698	-1	Head	2R:+:22321870-22321905	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_66322	VVLITGASSGIGAATALK	AGAP002520-PA	-	152	1.48E-15	1	1628.956	-1.54	Head	2R:+:22321462-22321515	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_73901	AVYHLTMLAVPHLLQSQGNVVNVSSVNGIR	AGAP002520-PA	N27(Deamidated),M7(Oxidation)	209	4.99E-21	1	3217.729	4.26	Visceras	2R:+:22321780-22321869	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_74779	VVLITGASSGIGAATALK	AGAP002520-PA	-	146	5.22E-15	1	1628.961	1.61	Visceras	2R:+:22321462-22321515	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_75495	CVALELAAK	AGAP002520-PA	C1(Carbamidomethyl)	53	7.04E-05	2	974.536	2.5	Malpighian tubule	2R:+:22321930-22321956	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_83188	SFPGVLAYNISK	AGAP002520-PA	-	53	3.99E-05	2	1295.702	2.11	Pupa	2R:+:22321870-22321905	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_90454	SFPGVLAYNISK	AGAP002520-PA	-	67	1.66E-06	2	1295.700	0.23	Midgut	2R:+:22321870-22321905	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_91117	AVYHLTMLAVPHLLQSQGNVVNVSSVNGIR	AGAP002520-PA	M7(Oxidation)	75	9.40E-08	1	3216.732	0.39	Head	2R:+:22321780-22321869	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_92272	SFPGVLAYNISK	AGAP002520-PA	-	52	5.71E-05	2	1295.701	1.07	Visceras	2R:+:22321870-22321905	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_94043	FSQLGASLALTGR	AGAP002520-PA	-	82	5.51E-08	1	1320.731	2.78	Pupa	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_96400	FSQLGASLALTGR	AGAP002520-PA	-	71	7.31E-07	2	1320.726	-1.01	Head	2R:+:22321516-22321554	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_98758	KLDNLNEVASQCGGSPFVVAGDISK	AGAP002520-PA	C12(Carbamidomethyl)	77	2.96E-07	1	2605.295	0.74	Midgut	2R:+:22321555-22321629	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_100149	SFPGVLAYNISK	AGAP002520-PA	-	85	2.59E-08	1	1295.700	0.23	Male reproductive organs	2R:+:22321870-22321905	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_102331	VNCVNPGVTVTNLHK	AGAP002520-PA	C3(Carbamidomethyl)	76	3.84E-07	1	1651.860	0.62	Male reproductive organs	2R:+:22321966-22322010	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_104670	CVALELAAK	AGAP002520-PA	C1(Carbamidomethyl)	44	0.00069213	2	974.534	0	Midgut	2R:+:22321930-22321956	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_104679	VVLITGASSGIGAATALK	AGAP002520-PA	-	119	3.12E-12	2	1628.957	-0.71	Midgut	2R:+:22321462-22321515	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_107981	VVLITGASSGIGAATALK	AGAP002520-PA	-	95	5.61E-10	2	1628.959	0.64	Salivary gland	2R:+:22321462-22321515	exon=> In CDS Exon 1 of transcript AGAP002520-PA

JHU_Ag_108250	KLDNLNEVASQCGGSPFVVAGDISK	AGAP002520-PA	C12(Carbamidomethyl)	142	7.99E-14	1	2605.304	4.33	Malpighian tubule	2R:+:22321555-22321629	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_117326	YGKLDVLVNNAGIIETGTIETTSLEQYDR	AGAP002520-PA	-	78	1.45E-07	3	3212.630	-0.67	Head	2R:+:22321672-22321758	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_117464	MAVDQFTR	AGAP002520-PA	M1(Oxidation)	65	3.58E-06	2	967.469	2.68	Malpighian tubule	2R:+:22321906-22321929	exon=> In CDS Exon 1 of transcript AGAP002520-PA
JHU_Ag_8809	GVYHLTMLAVPLLIETK	AGAP002521-PB	M7(Oxidation)	105	1.28E-10	1	1914.075	-0.96	Midgut	2R:-:22322868-22322818	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_10021	VLDEIVAK	AGAP002521-PB	-	37	0.002390331	1	886.526	2.22	Visceras	2R:-:22323000-22322977	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_10787	VNAVNPGVIITDIHK	AGAP002521-PB	-	89	4.01E-09	1	1589.905	2.46	Ovary	2R:-:22322682-22323216,22322371-22322563	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_10928	SFPGILAYSMSK	AGAP002521-PB	M10(Oxidation)	41	0.001187091	2	1316.659	2.51	Ovary	2R:-:22322778-22322743	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_11281	RVLDEIVAK	AGAP002521-PB	-	46	0.000171757	2	1042.621	-4.26	Head	2R:-:22323003-22322977	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_12989	GVYHLTMLAVPLLIETK	AGAP002521-PB	M7(Oxidation)	86	8.19E-09	1	1914.082	2.42	Ovary	2R:-:22322868-22322818	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_13108	FGASLALTGR	AGAP002521-PB	-	51	8.68E-05	1	992.551	-1.52	Midgut	2R:-:22323135-22323106	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_15712	GNIVNLSSVAGNR	AGAP002521-PB	-	72	9.04E-07	2	1300.698	1.01	Pupa	2R:-:22322817-22322779	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_16500	VNAVNPGVIITDIHKR	AGAP002521-PB	-	35	0.000921293	1	1746.003	0.42	Midgut	2R:-:22322682-22323216,22322371-22322560	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_19753	GNIVNLSSVAGNR	AGAP002521-PB	-	73	7.05E-07	1	1300.695	-1.33	Head	2R:-:22322817-22322779	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_20922	SKPLLIVADVTK	AGAP002521-PB	-	66	4.07E-07	1	1283.791	-1.71	Head	2R:-:22323054-22323019	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_24851	SKPLLIVADVTK	AGAP002521-PB	-	54	4.28E-06	2	1283.794	0.76	Visceras	2R:-:22323054-22323019	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_25871	GNIVNLSSVAGNR	AGAP002521-PB	-	98	2.22E-09	1	1300.697	-0.11	Male reproductive organs	2R:-:22322817-22322779	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_31407	FGASLALTGR	AGAP002521-PB	-	88	1.76E-08	2	992.552	0.07	Male reproductive organs	2R:-:22323135-22323106	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_38903	AAIDQFTR	AGAP002521-PB	-	54	5.73E-05	1	921.477	-2.16	Male reproductive organs	2R:-:22322742-22322719	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_39795	SKPLLIVADVTK	AGAP002521-PB	-	55	3.64E-06	2	1283.793	-0.47	Midgut	2R:-:22323054-22323019	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_42800	VNAVNPGVIITDIHK	AGAP002521-PB	-	113	1.49E-11	1	1589.910	5.38	Midgut	2R:-:22322682-22323216,22322371-22322563	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_50462	VNAVNPGVIITDIHKR	AGAP002521-PB	-	91	1.70E-09	1	1746.008	3.25	Ovary	2R:-:22322682-22323216,22322371-22322560	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_54166	VVLITGASSGIGEGTAIYFAK	AGAP002521-PB	-	155	1.67E-15	1	2054.119	1.1	Ovary	2R:-:22323198-22323136	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_56021	GNIVNLSSVAGNR	AGAP002521-PB	-	88	2.09E-08	1	1300.698	0.82	Visceras	2R:-:22322817-22322779	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_58783	SFPGILAYSMSK	AGAP002521-PB	M10(Oxidation)	56	3.00E-05	2	1300.665	3.7	Malpighian tubule	2R:-:22322778-22322743	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_59204	VNAVNPGVIITDIHKR	AGAP002521-PB	-	70	3.24E-07	1	1746.001	-0.53	Head	2R:-:22322682-22323216,22322371-22322560	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB

JHU_Ag_59392	SFPGILAYSMSK	AGAP002521-PB	M10(Oxidation)	49	0.000163068	2	1300.658	-2.21	Midgut	2R:-:22322778-22322743	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_60857	VNAVNPGVIITDIHK	AGAP002521-PB	-	41	0.000234591	2	1589.911	6.07	Malpighian tubule	2R:-:22322682-22323216,22322371-22322563	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_62625	KVGDACEAQSK	AGAP002521-PB	C6(Carbamidomethyl)	56	3.50E-05	2	1192.561	-1.38	Head	2R:-:22323087-22323055	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_64572	GNIVNLSSVAGNR	AGAP002521-PB	-	72	9.94E-07	2	1300.696	-0.4	Salivary gland	2R:-:22322817-22322779	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_65480	FGASLALTGR	AGAP002521-PB	-	73	6.10E-07	2	992.553	0.8	Ovary	2R:-:22323135-22323106	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_66653	SKPLLIVADVTK	AGAP002521-PB	-	60	1.17E-06	1	1283.794	0.38	Ovary	2R:-:22323054-22323019	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_67720	VLDEIVAK	AGAP002521-PB	-	44	0.000466045	1	886.524	-0.33	Midgut	2R:-:22323000-22322977	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_67857	VNAVNPGVIITDIHKR	AGAP002521-PB	-	78	3.64E-08	1	1746.007	2.56	Malpighian tubule	2R:-:22322682-22323216,22322371-22322560	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_68001	VVLITGASSGIGEGTAIYFAK	AGAP002521-PB	-	168	9.14E-17	2	2054.117	0.03	Midgut	2R:-:22323198-22323136	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_71143	CTALELAPK	AGAP002521-PB	C1(Carbamidomethyl)	49	0.000251003	1	1002.529	-0.22	Ovary	2R:-:22322718-22322692	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_72387	GNIVNLSSVAGNR	AGAP002521-PB	-	63	7.46E-06	2	1300.695	-1.15	Ovary	2R:-:22322817-22322779	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_72634	VNAVNPGVIITDIHK	AGAP002521-PB	-	60	3.36E-06	1	1589.905	2.68	Male reproductive organs	2R:-:22322682-22323216,22322371-22322563	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_72889	VNAVNPGVIITDIHKR	AGAP002521-PB	-	103	1.49E-10	1	1746.004	1.29	Visceras	2R:-:22322682-22323216,22322371-22322560	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_77920	CTALELAPK	AGAP002521-PB	C1(Carbamidomethyl)	50	0.000200299	2	1002.528	-0.47	Midgut	2R:-:22322718-22322692	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_80341	LDVLVNNAGILGNGSIENTSLQQYDELMNTNVR	AGAP002521-PB	M28(Oxidation)	203	5.69E-20	1	3620.797	2.9	Ovary	2R:-:22322967-22322869	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_83920	GGMDEESYAAFLK	AGAP002521-PB	M3(Oxidation)	88	8.52E-09	1	1433.626	0.69	Ovary	2R:-:22322559-22322521	exon=> In CDS Exon 2 of transcript AGAP002521-PB
JHU_Ag_86351	VLDEIVAK	AGAP002521-PB	-	58	1.93E-05	1	886.524	-0.69	Ovary	2R:-:22323000-22322977	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_92851	VGDACEAQSK	AGAP002521-PB	C5(Carbamidomethyl)	78	1.35E-07	2	1064.468	-0.17	Male reproductive organs	2R:-:22323084-22323055	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_94119	VVLITGASSGIGEGTAIYFAK	AGAP002521-PB	-	48	7.58E-05	2	2054.128	5.5	Visceras	2R:-:22323198-22323136	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_97692	AAIDQFTR	AGAP002521-PB	-	61	1.21E-05	2	921.479	0.63	Malpighian tubule	2R:-:22322742-22322719	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_100540	VGDACEAQSK	AGAP002521-PB	C5(Carbamidomethyl)	88	1.43E-08	2	1064.472	4.08	Malpighian tubule	2R:-:22323084-22323055	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_100834	VNAVNPGVIITDIHKR	AGAP002521-PB	-	109	2.75E-11	1	1746.007	2.84	Male reproductive organs	2R:-:22322682-22323216,22322371-22322560	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_101523	GNIVNLSSVAGNR	AGAP002521-PB	N2(Deamidated)	87	2.76E-08	2	1300.697	-0.21	Midgut	2R:-:22322817-22322779	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_105186	SKPLLIVADVTK	AGAP002521-PB	-	38	0.000169898	2	1283.795	1.43	Malpighian tubule	2R:-:22323054-22323019	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_106043	GVYHLTMLAVPLLIETK	AGAP002521-PB	M7(Oxidation)	76	6.21E-08	1	1898.090	4.39	Visceras	2R:-:22322868-22322818	exon=> In CDS Exon 1 of transcript AGAP002521-PB

JHU_Ag_106050	AAIDQFTR	AGAP002521-PB	-	46	0.000329425	2	921.479	0.43	Visceras	2R:-:22322742-22322719	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_108336	VNAVNPGVIITDIHKR	AGAP002521-PB	-	61	2.26E-06	1	1746.005	1.36	Pupa	2R:-:22322682-22323216,22322371-22322560	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_110713	VNAVNPGVIITDIHK	AGAP002521-PB	-	121	2.47E-12	1	1589.906	2.92	Head	2R:-:22322682-22323216,22322371-22322563	exon=> In CDS Exon 2 and 1 of transcript AGAP002521-PB
JHU_Ag_117402	GVYHLTMLAVPLLIETK	AGAP002521-PB	M7(Oxidation)	71	2.50E-07	1	1914.081	1.96	Head	2R:-:22322868-22322818	exon=> In CDS Exon 1 of transcript AGAP002521-PB
JHU_Ag_20768	LLQHIK	AGAP002523-PA	-	26	0.002249055	1	751.482	-0.3	Salivary gland	2R:-:22350144-22350127	exon=> In CDS Exon 2 of transcript AGAP002523-PA
JHU_Ag_113820	IELNVPAQAIK	AGAP002524-PA	-	38	0.000528593	2	1195.705	0.57	Ovary	2R:-:22354167-22354135	exon=> In CDS Exon 1 of transcript AGAP002524-PA
JHU_Ag_4569	AATGEEVYSIIQK	AGAP002525-PA	-	73	7.34E-07	2	1408.733	0.5	Ovary	2R:+:22361678-22361716	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_24539	ASTATPAAGGESTSPPEPK	AGAP002525-PA	-	80	1.60E-07	2	1755.847	4.38	Malpighian tubule	2R:+:22362836-22362892	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_39510	AATGEEVYSIIQKR	AGAP002525-PA	-	74	3.85E-07	2	1564.844	6.97	Malpighian tubule	2R:+:22361678-22361719	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_57055	AATGEEVYSIIQK	AGAP002525-PA	-	94	5.94E-09	1	1408.731	-0.28	Midgut	2R:+:22361678-22361716	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_61590	LFKYPNLELNQPVASK	AGAP002525-PA	-	59	6.34E-06	1	1861.032	5.61	Malpighian tubule	2R:+:22361948-22361995	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_64630	YPNLELNQPVASK	AGAP002525-PA	-	55	4.02E-05	2	1472.776	0.86	Midgut	2R:+:22361957-22361995	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_68617	VAGIVSATPVASK	AGAP002525-PA	-	45	0.000176357	1	1199.702	2.36	Salivary gland	2R:+:22362632-22362670	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_71147	LANFKAPDTTLLEWNPAGDTFLTATTAPR	AGAP002525-PA	-	67	1.85E-06	3	3132.620	6.43	Malpighian tubule	2R:+:22362401-22362487	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_81923	APDTTLLEWNPAGDTFLTATTAPR	AGAP002525-PA	-	34	0.004713677	1	2559.301	10.9	Malpighian tubule	2R:+:22362416-22362487	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_83696	YPNLELNQPVASK	AGAP002525-PA	-	61	1.05E-05	1	1472.778	2.68	Salivary gland	2R:+:22361957-22361995	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_88306	ASTATPAAGGESTSPPEPK	AGAP002525-PA	-	50	0.000143447	2	1755.850	5.7	Salivary gland	2R:+:22362836-22362892	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_100589	VAGIVSATPVASK	AGAP002525-PA	-	35	0.002072009	2	1199.701	1.25	Malpighian tubule	2R:+:22362632-22362670	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_110714	AATGEEVYSIIQK	AGAP002525-PA	-	83	7.15E-08	2	1408.736	3.01	Salivary gland	2R:+:22361678-22361716	exon=> In CDS Exon 2 of transcript AGAP002525-PA
JHU_Ag_38242	SEKPKEPAPGDGIR	AGAP002526-PA	N-Term(Acetyl)	61	9.66E-06	1	1522.792	3.78	Malpighian tubule	2R:-:22363825-22363784	exon=> In CDS Exon 1 of transcript AGAP002526-PA
JHU_Ag_31035	HLNQFIAHAALDLIDEHK	AGAP002528-PA	-	62	5.68E-06	1	2085.100	5.8	Ovary	2R:+:22373166-22373219	exon=> In CDS Exon 2 of transcript AGAP002528-PA
JHU_Ag_686	GNDPDLDANPNAYEK	AGAP002530-PA	-	91	5.51E-09	1	1632.713	-0.46	Midgut	2R:-:22442433-22442389	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_29611	HTQDLLK	AGAP002530-PA	Q3(Deamidated)	33	0.003184746	2	855.452	-6.36	Head	2R:-:22442259-22442239	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_33133	AFLAELK	AGAP002530-PA	-	29	0.00371801	2	791.465	-1.28	Ovary	2R:-:22442478-22442458	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_39993	GNDPDLDANPNAYEK	AGAP002530-PA	-	38	0.00160854	1	1632.721	4.77	Salivary gland	2R:-:22442433-22442389	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_47159	GYGAAVGEVFR	AGAP002530-PA	-	54	4.54E-05	2	1125.569	0.42	Midgut	2R:-:22442781-22442749	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_74428	ISPVALYCVNK	AGAP002530-PA	C8(Carbamidomethyl)	58	1.89E-05	2	1263.678	0.73	Visceras	2R:-:22442655-22442623	exon=> In CDS Exon 2 of transcript AGAP002530-PA

JHU_Ag_76713	GNDPDLDANPNAYEK	AGAP002530-PA	-	57	1.36E-05	1	1632.713	-0.54	Male reproductive organs	2R:-:22442433-22442389	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_83481	YTDDTAMTIQTAR	AGAP002530-PA	M7(Oxidation)	78	1.38E-07	2	1502.684	3.44	Malpighian tubule	2R:-:22442901-22442863	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_92787	GYGAAVGEVFRK	AGAP002530-PA	-	34	0.004616426	1	1253.661	-2.55	Midgut	2R:-:22442781-22442746	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_93430	ISPVALYCVNK	AGAP002530-PA	C8(Carbamidomethyl)	57	2.66E-05	1	1263.680	2.76	Malpighian tubule	2R:-:22442655-22442623	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_108551	YTDDTAMTIQTAR	AGAP002530-PA	-	84	4.20E-08	2	1486.685	0.38	Midgut	2R:-:22442901-22442863	exon=> In CDS Exon 2 of transcript AGAP002530-PA
JHU_Ag_1933	GALGASCVQFFK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	82	7.77E-08	1	1284.642	1.11	Visceras	2R:-:22451478-22451443;2R:-:22451478-22451443	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_10186	SGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	91	5.82E-09	2	2454.294	1.13	Head	2R:-:22450909-22450841;2R:-:22450909-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_13963	GALGASCVQFFK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	49	0.000170468	2	1284.642	0.83	Head	2R:-:22451478-22451443;2R:-:22451478-22451443	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_17548	DADWVAQEAAVLSK	AGAP002534-PA,AGAP002534-PB	-	80	1.66E-07	1	1502.749	0.54	Ovary	2R:-:22451242-22451201;2R:-:22451242-22451201	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_19074	GALGASCVQFFK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	62	7.27E-06	1	1284.641	0.45	Ovary	2R:-:22451478-22451443;2R:-:22451478-22451443	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_21650	DADWVAQEAAVLSK	AGAP002534-PA,AGAP002534-PB	-	94	8.20E-09	2	1502.753	2.81	Visceras	2R:-:22451242-22451201;2R:-:22451242-22451201	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_26161	DADWVAQEAAVLSK	AGAP002534-PA,AGAP002534-PB	-	88	3.34E-08	1	1502.749	0.13	Midgut	2R:-:22451242-22451201;2R:-:22451242-22451201	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_26950	GALGASCVQFFK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	42	0.000939462	2	1284.640	-0.22	Midgut	2R:-:22451478-22451443;2R:-:22451478-22451443	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_30404	SLAGEKSGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M27(Oxidation)	70	6.81E-07	1	3039.615	3.82	Malpighian tubule	2R:-:22450927-22450841;2R:-:22450927-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_32803	SGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	74	2.73E-07	2	2454.303	4.81	Malpighian tubule	2R:-:22450909-22450841;2R:-:22450909-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_33612	GEERPANGSLVK	AGAP002534-PA,AGAP002534-PB	-	33	0.004901733	1	1256.661	1.21	Malpighian tubule	2R:-:22450688-22450653;2R:-:22450688-22450653	exon=> In CDS Exon 3 of transcript AGAP002534-PA;exon=> In CDS Exon 3 of transcript AGAP002534-PB

JHU_Ag_36535	AAVHQLTK	AGAP002534-PA,AGAP002534-PB	-	43	0.000227117	1	867.507	2.29	Male reproductive organs	2R:-:22450951-22450928;2R:-:22450951-22450928	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_36720	SGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	83	4.15E-08	1	2454.297	2.42	Pupa	2R:-:22450909-22450841;2R:-:22450909-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_38439	SGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	56	1.72E-05	1	2454.301	4.01	Male reproductive organs	2R:-:22450909-22450841;2R:-:22450909-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_38682	ILIYGGR	AGAP002534-PA,AGAP002534-PB	-	41	0.000537318	2	791.478	0.5	Malpighian tubule	2R:-:22451499-22451479;2R:-:22451499-22451479	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_42730	DADWVAQEAAVLSK	AGAP002534-PA,AGAP002534-PB	-	115	5.23E-11	2	1502.751	1.75	Head	2R:-:22451242-22451201;2R:-:22451242-22451201	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_42748	VGAELKGETLDAIICVAGGWAGGNAK	AGAP002534-PA,AGAP002534-PB	C15(Carbamidomethyl)	42	0.000586311	3	2557.326	7.03	Malpighian tubule	2R:-:22451200-22451123;2R:-:22451200-22451123	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_47661	DADWVAQEAAVLSK	AGAP002534-PA,AGAP002534-PB	-	123	8.47E-12	1	1502.753	2.65	Pupa	2R:-:22451242-22451201;2R:-:22451242-22451201	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_53074	GETLDAIICVAGGWAGGNAK	AGAP002534-PA,AGAP002534-PB	C9(Carbamidomethyl)	81	1.27E-07	2	1959.966	3.11	Visceras	2R:-:22451182-22451123;2R:-:22451182-22451123	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_53458	SGLPDNSLVVSILPVTLDTPMNRK	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	54	1.16E-05	1	2566.399	3.28	Pupa	2R:-:22450909-22450838;2R:-:22450909-22450838	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_62049	DADWVAQEAAVLSK	AGAP002534-PA,AGAP002534-PB	-	109	2.32E-10	1	1502.751	1.27	Male reproductive organs	2R:-:22451242-22451201;2R:-:22451242-22451201	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_63762	VGAELKGETLDAIICVAGGWAGGNAK	AGAP002534-PA,AGAP002534-PB	C15(Carbamidomethyl)	62	6.52E-06	3	2557.314	2.16	Head	2R:-:22451200-22451123;2R:-:22451200-22451123	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_68874	AAVHQLTK	AGAP002534-PA,AGAP002534-PB	-	57	1.22E-05	1	867.505	-0.1	Visceras	2R:-:22450951-22450928;2R:-:22450951-22450928	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_82264	GALGASCVQFFKK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	97	2.04E-09	1	1412.737	1.1	Male reproductive organs	2R:-:22451478-22451440;2R:-:22451478-22451440	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_82415	AAVHQLTK	AGAP002534-PA,AGAP002534-PB	-	56	1.19E-05	1	867.501	-3.83	Head	2R:-:22450951-22450928;2R:-:22450951-22450928	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB

JHU_Ag_82993	SGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	79	9.16E-08	2	2454.295	1.53	Visceras	2R:-:22450909-22450841;2R:-:22450909-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_83978	SGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	124	3.08E-12	1	2454.294	1.33	Ovary	2R:-:22450909-22450841;2R:-:22450909-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_84819	GEERPANGSLVK	AGAP002534-PA,AGAP002534-PB	N7(Deamidated)	36	0.002766337	1	1257.646	2.37	Larva	2R:-:22450688-22450653;2R:-:22450688-22450653	exon=> In CDS Exon 3 of transcript AGAP002534-PA;exon=> In CDS Exon 3 of transcript AGAP002534-PB
JHU_Ag_85524	ILIYGGR	AGAP002534-PA,AGAP002534-PB	-	41	0.000437188	2	791.476	-1.73	Head	2R:-:22451499-22451479;2R:-:22451499-22451479	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_88160	GALGASCVQFFKK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	85	2.93E-08	1	1412.738	1.88	Malpighian tubule	2R:-:22451478-22451440;2R:-:22451478-22451440	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_90593	SGLPDNSLVVSILPVTLDTPMNR	AGAP002534-PA,AGAP002534-PB	M21(Oxidation)	90	6.94E-09	2	2454.303	4.91	Larva	2R:-:22450909-22450841;2R:-:22450909-22450841	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_93568	DADWVAQEAAVLSK	AGAP002534-PA,AGAP002534-PB	-	69	2.12E-06	2	1502.756	5.17	Larva	2R:-:22451242-22451201;2R:-:22451242-22451201	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_97560	GEERPANGSLVK	AGAP002534-PA,AGAP002534-PB	N7(Deamidated)	58	1.79E-05	1	1256.654	-4.03	Head	2R:-:22450688-22450653;2R:-:22450688-22450653	exon=> In CDS Exon 3 of transcript AGAP002534-PA;exon=> In CDS Exon 3 of transcript AGAP002534-PB
JHU_Ag_99470	VGAELKGETLDAIICVAGGWAGGNAK	AGAP002534-PA,AGAP002534-PB	C15(Carbamidomethyl)	78	1.83E-07	3	2557.314	2.52	Pupa	2R:-:22451200-22451123;2R:-:22451200-22451123	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_101651	AAVHQLTK	AGAP002534-PA,AGAP002534-PB	-	57	1.23E-05	1	867.506	1.38	Malpighian tubule	2R:-:22450951-22450928;2R:-:22450951-22450928	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_101653	GALGASCVQFFK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	105	3.78E-10	1	1284.645	3.49	Male reproductive organs	2R:-:22451478-22451443;2R:-:22451478-22451443	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_104589	QSVWSSAISATVGANHLKPGGLLVLTGANPALEGTPGMIGYGMAK	AGAP002534-PA,AGAP002534-PB	M38(Oxidation), M43(Oxidation)	132	2.40E-13	1	4454.286	0.31	Ovary	2R:-:22451086-22450952;2R:-:22451086-22450952	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_115038	GALGASCVQFFK	AGAP002534-PA,AGAP002534-PB	C7(Carbamidomethyl)	69	1.81E-06	2	1284.643	1.97	Pupa	2R:-:22451478-22451443;2R:-:22451478-22451443	exon=> In CDS Exon 1 of transcript AGAP002534-PA;exon=> In CDS Exon 1 of transcript AGAP002534-PB
JHU_Ag_116258	GEERPANGSLVK	AGAP002534-PA,AGAP002534-PB	N7(Deamidated)	75	3.69E-07	1	1257.645	1.5	Pupa	2R:-:22450688-22450653;2R:-:22450688-22450653	exon=> In CDS Exon 3 of transcript AGAP002534-PA;exon=> In CDS Exon 3 of transcript AGAP002534-PB

JHU_Ag_117489	QSVWSSAISATVGANHLKPGGLLVLTG ANPALEGTPGMIGYGMAK	AGAP002534-PA,AGAP002534-PB	M38(Oxidation), M43(Oxidation)	38	0.000522671	1	4454.304	4.36	Pupa	2R:-:22451086-22450952;2R:-:22451086-22450952	exon=> In CDS Exon 2 of transcript AGAP002534-PA;exon=> In CDS Exon 2 of transcript AGAP002534-PB
JHU_Ag_22235	SLVKPLR	AGAP002535-PA	-	43	9.44E-05	1	812.534	-1.16	Ovary	2R:+:22452491-22452511	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_26557	HLILVR	AGAP002535-PA	-	28	0.000794717	2	750.498	-0.3	Ovary	2R:+:22452584-22452601	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_35216	AIRHLILVR	AGAP002535-PA	-	56	3.86E-07	1	1090.720	-0.77	Malpighian tubule	2R:+:22452575-22452601	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_67389	ISLGHASLSWVSIYPDGR	AGAP002535-PA	-	32	0.00847916	1	1958.004	-4.62	Midgut	2R:+:22453139-22453192	exon=> In CDS Exon 3 of transcript AGAP002535-PA
JHU_Ag_69762	VDDPESQNDYNK	AGAP002535-PA	-	76	1.34E-07	2	1423.599	1.27	Head	2R:+:22452515-22452550	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_85180	SDSYTIIVCHANVIR	AGAP002535-PA	C9(Carbamidomethyl)	41	0.001236255	1	1747.879	-0.57	Male reproductive organs	2R:+:22453046-22453090	exon=> In CDS Exon 3 of transcript AGAP002535-PA
JHU_Ag_95427	QLALPYDEIVR	AGAP002535-PA	-	55	3.96E-05	1	1316.721	0.42	Ovary	2R:+:22452698-22452730	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_105025	AQETAEIIGK	AGAP002535-PA	-	45	0.000495494	1	1059.569	0.38	Malpighian tubule	2R:+:22452746-22452775	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_106729	HLILVR	AGAP002535-PA	-	43	2.04E-05	1	750.496	-3.39	Head	2R:+:22452584-22452601	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_109176	ALQYPAEGWLR	AGAP002535-PA	-	50	0.000193226	2	1303.679	-0.02	Ovary	2R:+:22453106-22453138	exon=> In CDS Exon 3 of transcript AGAP002535-PA
JHU_Ag_111591	LKQLALPYDEIVR	AGAP002535-PA	-	54	1.66E-05	1	1557.907	4.45	Malpighian tubule	2R:+:22452692-22452730	exon=> In CDS Exon 2 of transcript AGAP002535-PA
JHU_Ag_65697	LVQQLTALER	AGAP002538-PA	-	45	0.000205188	2	1170.684	0.19	Male reproductive organs	2R:-:22473609-22473580	exon=> In CDS Exon 3 of transcript AGAP002538-PA
JHU_Ag_79227	DFHDLLSSLVSK	AGAP002539-PA,AGAP002539-PB	-	68	2.43E-06	1	1360.717	4.92	Midgut	2R:+:22475876-22475911;2R:+:22475876-22475911	exon=> In CDS Exon 1 of transcript AGAP002539-PA;exon=> In CDS Exon 1 of transcript AGAP002539-PB
JHU_Ag_88891	VIPNLVPLFESPK	AGAP002539-PA,AGAP002539-PB	-	30	0.003244516	2	1452.849	1.99	Ovary	2R:+:22477064-22477102;2R:+:22477064-22477102	exon=> In CDS Exon 1 of transcript AGAP002539-PA;exon=> In CDS Exon 1 of transcript AGAP002539-PB
JHU_Ag_116302	IQVAYR	AGAP002540-PA	Q2(Deamidated)	43	0.000484896	2	750.414	-0.42	Pupa	2R:-:22499328-22499311	exon=> In CDS Exon 1 of transcript AGAP002540-PA
JHU_Ag_21860	DPLDTPLTITK	AGAP002541-PA,AGAP002541-PB	-	49	0.000127177	2	1213.668	0.52	Male reproductive organs	2R:+:22482348-22482380;2R:+:22482348-22482380	exon=> In CDS Exon 3 of transcript AGAP002541-PA;exon=> In CDS Exon 4 of transcript AGAP002541-PB
JHU_Ag_24467	SLIINDCLDSGTQIPYIR	AGAP002541-PA,AGAP002541-PB	C7(Carbamidomethyl)	119	1.38E-11	1	2078.066	3.71	Visceras	2R:+:22481879-22481932;2R:+:22481879-22481932	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_32518	ELGYEVLLLNTNDNYR	AGAP002541-PA,AGAP002541-PB	-	87	2.46E-08	2	1925.963	1.45	Visceras	2R:+:22481942-22481989;2R:+:22481942-22481989	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_38733	LYVPADVPPEEATFVFSTVEK	AGAP002541-PA,AGAP002541-PB	-	72	8.41E-07	2	2338.190	1.85	Visceras	2R:+:22481744-22481806;2R:+:22481744-22481806	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_42315	LLVLIHGSGVVR	AGAP002541-PA,AGAP002541-PB	-	30	0.000498153	1	1262.793	-0.97	Ovary	2R:+:22481825-22481860;2R:+:22481825-22481860	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_49359	DPLDTPLTITK	AGAP002541-PA,AGAP002541-PB	-	68	1.63E-06	2	1213.668	0.32	Visceras	2R:+:22482348-22482380;2R:+:22482348-22482380	exon=> In CDS Exon 3 of transcript AGAP002541-PA;exon=> In CDS Exon 4 of transcript AGAP002541-PB

JHU_Ag_60544	NWVTAKDPLDTPLTITK	AGAP002541-PA,AGAP002541-PB	-	84	2.38E-08	1	1913.042	2.01	Visceras	2R:+:22482330-22482380;2R:+:22482330-22482380	exon=> In CDS Exon 3 of transcript AGAP002541-PA;exon=> In CDS Exon 4 of transcript AGAP002541-PB
JHU_Ag_64872	TYPTTLEGFGYGFNEEGK	AGAP002541-PA,AGAP002541-PB	-	87	2.57E-08	2	2009.909	-1.83	Visceras	2R:+:22481460-22481505,22481574-22481581;2R:+:22481460-22481505,22481574-22481581	exon=> In CDS Exon 1 and 2 of transcript AGAP002541-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002541-PB
JHU_Ag_72820	LYVPADVPPEEATFVFSTVEK	AGAP002541-PA,AGAP002541-PB	-	91	1.31E-08	1	2338.182	-1.49	Ovary	2R:+:22481744-22481806;2R:+:22481744-22481806	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_77163	FPDFFR	AGAP002541-PA,AGAP002541-PB	-	31	0.003955863	1	828.404	0.41	Visceras	2R:+:22482149-22482166;2R:+:22482149-22482166	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_93314	VFAVGFTDSVHASSLVPEALK	AGAP002541-PA,AGAP002541-PB	-	105	2.80E-10	1	2174.155	2.76	Head	2R:+:22482173-22482235;2R:+:22482173-22482235	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_98361	DPLDTPLTITK	AGAP002541-PA,AGAP002541-PB	-	78	1.57E-07	1	1213.669	0.93	Ovary	2R:+:22482348-22482380;2R:+:22482348-22482380	exon=> In CDS Exon 3 of transcript AGAP002541-PA;exon=> In CDS Exon 4 of transcript AGAP002541-PB
JHU_Ag_102129	VFAVGFTDSVHASSLVPEALK	AGAP002541-PA,AGAP002541-PB	-	36	0.002386292	1	2174.150	0.4	Ovary	2R:+:22482173-22482235;2R:+:22482173-22482235	exon=> In CDS Exon 2 of transcript AGAP002541-PA;exon=> In CDS Exon 3 of transcript AGAP002541-PB
JHU_Ag_103541	TYPTTLEGFGYGFNEEGK	AGAP002541-PA,AGAP002541-PB	-	113	6.58E-11	1	2009.916	1.45	Ovary	2R:+:22481460-22481505,22481574-22481581;2R:+:22481460-22481505,22481574-22481581	exon=> In CDS Exon 1 and 2 of transcript AGAP002541-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002541-PB
JHU_Ag_41466	YCGIGVPDVYTR	AGAP002543-PA	C2(Carbamidomethyl)	37	0.002299269	2	1399.670	1.85	Pupa	2R:+:22554157-22554192	exon=> In CDS Exon 3 of transcript AGAP002543-PA
JHU_Ag_75269	EAFTFNENVQPIR	AGAP002543-PA	-	85	6.33E-08	1	1564.775	-0.59	Pupa	2R:+:22553775-22553813	exon=> In CDS Exon 2 of transcript AGAP002543-PA
JHU_Ag_80914	SVELLGLLNQEINEDQR	AGAP002546-PA	-	105	3.75E-10	1	1970.022	1.66	Midgut	2R:+:22665450-22665500	exon=> In CDS Exon 3 of transcript AGAP002546-PA
JHU_Ag_100078	LLVNHLQSIEDYSK	AGAP002546-PA	-	114	4.30E-11	1	1658.875	0.04	Midgut	2R:+:22665050-22665091	exon=> In CDS Exon 2 of transcript AGAP002546-PA
JHU_Ag_26722	SSQIQSVHTPSVSLSK	AGAP002547-PA	N-Term(Acetyl)	71	1.21E-06	2	1726.896	-0.8	Midgut	2R:-:22666362-22666315	exon=> In CDS Exon 1 of transcript AGAP002547-PA
JHU_Ag_52843	VSSTLYVGNLSFYTTEEQIHELFSR	AGAP002547-PA	-	90	1.47E-08	1	2920.435	-0.56	Ovary	2R:-:22666151-22666077	exon=> In CDS Exon 2 of transcript AGAP002547-PA
JHU_Ag_93132	VDWDAGFIEGR	AGAP002547-PA	-	66	3.51E-06	2	1264.599	2.61	Head	2R:-:22665926-22665894	exon=> In CDS Exon 2 of transcript AGAP002547-PA
JHU_Ag_1688	LNGIIDEVTR	AGAP002549-PA	-	45	0.000447219	1	1129.623	1.29	Head	2R:+:22673730-22673759	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_4228	ASALNLEAK	AGAP002549-PA	-	53	9.84E-05	2	916.509	-0.86	Malpighian tubule	2R:+:22673305-22673331	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_8467	NTIFEDDTAEEQLDALER	AGAP002549-PA	-	125	4.72E-12	2	2108.968	2.9	Ovary	2R:+:22674563-22674616	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_13543	IIAEALASHIYNVPADDGAAGEIFTGSMAISR	AGAP002549-PA	M28(Oxidation)	71	8.04E-07	1	3260.624	-0.58	Midgut	2R:+:22674626-22674721	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_16582	VTYEKPDAR	AGAP002549-PA	-	64	6.86E-06	2	1078.553	0.33	Malpighian tubule	2R:+:22674812-22674838	exon=> In CDS Exon 4 of transcript AGAP002549-PA

JHU_Ag_21532	IPIIQGELAPLKPGK	AGAP002549-PA	-	82	2.98E-09	1	1573.974	4.04	Head	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_26217	NTIFEDDTAEEQLDALER	AGAP002549-PA	-	136	3.17E-13	2	2108.962	0	Midgut	2R:+:22674563-22674616	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_26482	LLANENIYMHVSKPPKEGTAMNSFYK	AGAP002549-PA	M9(Oxidation), N22(Deamidated)	31	0.011523229	1	2999.482	5.84	Midgut	2R:+:22674234-22674311	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_28966	EQIKPWLNIR	AGAP002549-PA	-	31	0.004166216	1	1296.746	3.02	Midgut	2R:+:22674722-22674751	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_30349	INLADTLLAWEHER	AGAP002549-PA	-	37	0.002473834	1	1680.874	2.06	Ovary	2R:+:22674372-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_31621	AGGLVVLLPEDTAALSLEDK	AGAP002549-PA	-	39	0.000616035	1	2011.101	2.73	Midgut	2R:+:22673422-22673481	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_35404	LLANENIYMHVSKPPK	AGAP002549-PA	M9(Oxidation)	38	0.001397723	1	1869.989	-0.05	Midgut	2R:+:22674234-22674281	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_39051	IIAEALASHIYNVPADDGAAGEIFTGSMAISR	AGAP002549-PA	M28(Oxidation)	40	0.00086204	1	3276.643	6.71	Head	2R:+:22674626-22674721	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_39197	IPIIQGELAPLKPGK	AGAP002549-PA	-	93	2.28E-10	1	1573.969	0.66	Pupa	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_41449	INLADTLLAWEHER	AGAP002549-PA	-	50	0.00013355	3	1680.876	3.04	Larva	2R:+:22674372-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_41598	IPIIQGELAPLKPGK	AGAP002549-PA	-	80	4.92E-09	1	1573.966	-1	Midgut	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_45598	MPAFTLSNVK	AGAP002549-PA	-	45	0.000340316	2	1107.591	3.5	Head	2R:+:22674429-22674458	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_45602	IIAEALASHIYNVPADDGAAGEIFTGSMAISR	AGAP002549-PA	M28(Oxidation)	112	6.88E-11	1	3276.632	3.36	Malpighian tubule	2R:+:22674626-22674721	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_45730	LHASIPK	AGAP002549-PA	-	49	3.47E-05	1	765.463	1.19	Head	2R:+:22674072-22674092	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_49532	LQDMTIDHFREIR	AGAP002549-PA	-	71	1.19E-06	1	1673.844	0.82	Malpighian tubule	2R:+:22673377-22673415	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_49797	EQIKPWLNIR	AGAP002549-PA	-	39	0.000655755	1	1296.746	2.65	Head	2R:+:22674722-22674751	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_56327	LQDMTIDHFR	AGAP002549-PA	M4(Oxidation)	41	0.001020287	2	1291.609	-0.83	Midgut	2R:+:22673377-22673406	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_57140	EPDFMLYDDR	AGAP002549-PA	M5(Oxidation)	38	0.000519779	2	1316.546	-0.16	Midgut	2R:+:22674839-22674868	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_62833	LPLIIVTAHLDTFGLTNSR	AGAP002549-PA	-	121	2.18E-12	1	2081.179	1.94	Midgut	2R:+:22673961-22674017	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_63901	INLADTLLAWEHER	AGAP002549-PA	-	97	2.38E-09	1	1680.879	4.9	Head	2R:+:22674372-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_68003	INLADTLLAWEHER	AGAP002549-PA	-	45	0.000387784	3	1680.872	0.86	Pupa	2R:+:22674372-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_69769	EGTAMNSFYK	AGAP002549-PA	M5(Oxidation)	34	0.00204442	2	1163.503	-0.39	Midgut	2R:+:22674282-22674311	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_72339	INLADTLLAWEHER	AGAP002549-PA	-	89	1.70E-08	1	1680.874	2.28	Malpighian tubule	2R:+:22674372-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_72671	VTYEKPDAR	AGAP002549-PA	-	53	7.88E-05	1	1078.552	-1.03	Midgut	2R:+:22674812-22674838	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_74767	IPIIQGELAPLKPGK	AGAP002549-PA	-	80	4.86E-09	1	1573.971	1.83	Salivary gland	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_75009	KINLADTLLAWEHER	AGAP002549-PA	-	93	4.58E-09	1	1808.966	0.26	Ovary	2R:+:22674369-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_76560	NTIFEDDTAEEQLDALER	AGAP002549-PA	-	121	9.88E-12	1	2108.966	1.74	Malpighian tubule	2R:+:22674563-22674616	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_80373	IPIIQGELAPLKPGK	AGAP002549-PA	-	43	3.37E-05	1	1573.966	-1.08	Male reproductive organs	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA

JHU_Ag_80378	INLADTLLAWEHER	AGAP002549-PA	-	39	0.001663759	1	1680.874	2.39	Salivary gland	2R:+:22674372-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_80637	VTYEKPDAR	AGAP002549-PA	-	53	7.95E-05	1	1078.552	-1.03	Pupa	2R:+:22674812-22674838	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_80719	IPIIQGELAPLKPGK	AGAP002549-PA	-	42	2.96E-05	3	1573.968	-0.04	Visceras	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_82165	INLADTLLAWEHER	AGAP002549-PA	-	122	7.51E-12	2	1680.881	6.06	Midgut	2R:+:22674372-22674413	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_82603	IIAEALASHIYNVPADDGAAGEIFTGSMAISR	AGAP002549-PA	M28(Oxidation)	33	0.004541152	1	3276.635	4.25	Ovary	2R:+:22674626-22674721	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_89240	IPIIQGELAPLKPGK	AGAP002549-PA	-	69	7.05E-08	1	1573.975	4.43	Ovary	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_89577	STQQNNDLKYAFEK	AGAP002549-PA	-	87	2.57E-08	1	1685.817	2.13	Malpighian tubule	2R:+:22674752-22674793	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_89976	SLYTWQTSR	AGAP002549-PA	-	36	0.002817121	2	1141.564	0.41	Malpighian tubule	2R:+:22673332-22673358	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_92165	MPAFTLSNVK	AGAP002549-PA	-	65	3.80E-06	2	1107.590	2.84	Malpighian tubule	2R:+:22674429-22674458	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_92530	IPIIQGELAPLKPGK	AGAP002549-PA	-	78	8.43E-09	1	1573.974	3.97	Malpighian tubule	2R:+:22673895-22673939	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_93193	ASALNLEAK	AGAP002549-PA	-	48	0.000251649	2	916.510	0.6	Head	2R:+:22673305-22673331	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_93279	ASALNLEAK	AGAP002549-PA	-	55	4.57E-05	2	916.514	4.33	Salivary gland	2R:+:22673305-22673331	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_94487	NTIFEDDTAEEQLDALER	AGAP002549-PA	-	140	1.49E-13	2	2108.965	1.63	Head	2R:+:22674563-22674616	exon=> In CDS Exon 4 of transcript AGAP002549-PA
JHU_Ag_96453	ASALNLEAK	AGAP002549-PA	-	47	0.000359585	2	916.509	-0.86	Midgut	2R:+:22673305-22673331	exon=> In CDS Exon 2 of transcript AGAP002549-PA
JHU_Ag_110390	TLDGDSKLPLIIVTAHLDTFGLTNSR	AGAP002549-PA	-	36	0.000779621	1	2797.523	4.75	Head	2R:+:22673940-22674017	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_115516	LLANENIYMHVSKPPK	AGAP002549-PA	M9(Oxidation)	46	0.000224454	1	1869.992	1.32	Head	2R:+:22674234-22674281	exon=> In CDS Exon 3 of transcript AGAP002549-PA
JHU_Ag_6306	GNPQDYDDWDAMGNPGWK	AGAP002557-PA	M12(Oxidation)	121	1.27E-12	1	2081.828	-0.64	Pupa	2R:-:22798612-22798559	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_7863	DGLMSGTGVSAVTAK	AGAP002557-PA	M4(Oxidation)	97	3.53E-09	2	1409.693	-0.7	Pupa	2R:-:22797922-22797878	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_21629	DGLMSGTGVSAVTAK	AGAP002557-PA	M4(Oxidation)	116	4.42E-11	1	1409.697	1.72	Head	2R:-:22797922-22797878	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_22004	VGVRPIHDLPGVGK	AGAP002557-PA	-	78	4.80E-08	1	1443.843	-0.36	Pupa	2R:-:22798066-22798025	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_22680	VTSGNTNAPIIMIAEK	AGAP002557-PA	M12(Oxidation)	105	3.60E-10	1	1658.878	0.04	Pupa	2R:-:22797275-22797228	exon=> In CDS Exon 4 of transcript AGAP002557-PA
JHU_Ag_22703	DGLMSGTGVSAVTAK	AGAP002557-PA	M4(Oxidation)	83	7.93E-08	2	1409.698	2.67	Larva	2R:-:22797922-22797878	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_26372	ACQDKDFGSQEYWECAVR	AGAP002557-PA	C2(Carbamidomethyl), C15(Carbamidomethyl)	92	2.19E-09	1	2248.940	0.56	Pupa	2R:-:22797538-22798803,22797189-22797417	exon=> In CDS Exon 4 and 3 of transcript AGAP002557-PA
JHU_Ag_26863	TAHGVEIVDEDGHMRK	AGAP002557-PA	M14(Oxidation)	59	1.88E-05	1	1809.854	-0.49	Pupa	2R:-:22798213-22798166	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_28879	SEDNLQINEVDSK	AGAP002557-PA	-	35	0.003454298	2	1490.701	2.77	Larva	2R:-:22798528-22798490	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_30217	EVIVSGGAVNSPQILLLSGIGPR	AGAP002557-PA	-	43	6.47E-05	1	2276.312	6.2	Malpighian tubule	2R:-:22798150-22798082	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_38379	EVIVSGGAVNSPQILLLSGIGPR	AGAP002557-PA	-	23	0.005632456	1	2276.311	5.96	Head	2R:-:22798150-22798082	exon=> In CDS Exon 3 of transcript AGAP002557-PA

JHU_Ag_40945	SEDNLQINEVDSK	AGAP002557-PA	-	50	0.000125522	2	1490.696	-0.51	Head	2R:-:22798528-22798490	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_41332	YHSTGGMLPVGR	AGAP002557-PA	M7(Oxidation)	46	0.000388011	1	1290.630	2.96	Larva	2R:-:22798489-22798454	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_43939	EVIVSGGAVNSPQILLLSGIGPR	AGAP002557-PA	-	100	1.46E-10	1	2276.302	1.94	Pupa	2R:-:22798150-22798082	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_47542	LSETDALQAYGMDLDR	AGAP002557-PA	M12(Oxidation)	106	3.62E-10	1	1797.839	3.8	Pupa	2R:-:22797598-22797551	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_49394	EVIVSGGAVNSPQILLLSGIGPR	AGAP002557-PA	-	82	8.32E-09	1	2276.310	5.4	Larva	2R:-:22798150-22798082	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_53126	SQCDLEDPCGR	AGAP002557-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	45	4.66E-05	2	1336.523	-1.74	Pupa	2R:-:22803119-22803087	exon=> In CDS Exon 1 of transcript AGAP002557-PA
JHU_Ag_53674	VLVEGIK	AGAP002557-PA	-	34	0.004419 02	1	757.482	-0.08	Pupa	2R:-:22797631-22797611	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_55083	GYIELK	AGAP002557-PA	-	32	0.003559103	2	722.408	-1.05	Pupa	2R:-:22797715-22797698	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_55627	SEDNLQINEVDSK	AGAP002557-PA	-	48	0.000177495	2	1490.698	0.97	Salivary gland	2R:-:22798528-22798490	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_57247	VGVRPIHDLPGVGK	AGAP002557-PA	-	56	7.82E-06	1	1443.847	2.69	Larva	2R:-:22798066-22798025	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_57660	MGPTSDPLAVVDHELR	AGAP002557-PA	M1(Oxidation)	103	8.64E-10	1	1752.859	0.18	Pupa	2R:-:22797374-22797327	exon=> In CDS Exon 4 of transcript AGAP002557-PA
JHU_Ag_61923	FNTEPEQYACLGSPEQR	AGAP002557-PA	C10(Carbamidomethyl)	80	8.04E-08	1	2025.905	3.85	Head	2R:-:22798729-22798679	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_65393	IVVNYLKEDHDVK	AGAP002557-PA	-	77	2.32E-07	1	1571.842	-0.48	Pupa	2R:-:22797670-22797632	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_70052	VVDASVMPK	AGAP002557-PA	M7(Oxidation)	56	5.04E-05	2	961.502	-0.18	Pupa	2R:-:22797302-22797276	exon=> In CDS Exon 4 of transcript AGAP002557-PA
JHU_Ag_71063	VTSGNTNAPIIMIAEK	AGAP002557-PA	M12(Oxidation)	66	3.28E-06	1	1674.882	5.19	Larva	2R:-:22797275-22797228	exon=> In CDS Exon 4 of transcript AGAP002557-PA
JHU_Ag_72388	SVQIFPAVLHPK	AGAP002557-PA	-	45	9.06E-05	2	1335.779	0.62	Head	2R:-:22797757-22797722	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_74718	SEDNLQINEVDSK	AGAP002557-PA	-	86	3.26E-08	2	1490.697	-0.18	Pupa	2R:-:22798528-22798490	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_76548	SVQIFPAVLHPK	AGAP002557-PA	-	69	4.00E-07	1	1335.777	-1.26	Pupa	2R:-:22797757-22797722	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_85240	YHSTGGMLPVGR	AGAP002557-PA	M7(Oxidation)	77	3.40E-07	1	1290.625	-0.44	Pupa	2R:-:22798489-22798454	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_86993	FPYNPPFSYSVLK	AGAP002557-PA	-	58	2.33E-05	1	1558.798	2.53	Pupa	2R:-:22798453-22798415	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_93298	YAERPDDPDLQFYFGGFLADCAK	AGAP002557-PA	C21(Carbamidomethyl)	99	1.33E-09	1	2695.218	1.75	Pupa	2R:-:22797865-22797797	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_94122	VGVRPIHDLPGVGK	AGAP002557-PA	-	41	0.000285892	1	1443.840	-2	Head	2R:-:22798066-22798025	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_94873	FNTEPEQYACLGSPEQR	AGAP002557-PA	C10(Carbamidomethyl)	100	7.51E-10	1	2025.896	-0.73	Pupa	2R:-:22798729-22798679	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_95800	GNPQDYDDWDAMGNPGWK	AGAP002557-PA	M12(Oxidation)	106	4.74E-11	1	2081.841	5.58	Head	2R:-:22798612-22798559	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_97178	VGVRPIHDLPGVGK	AGAP002557-PA	-	53	1.36E-05	1	1443.848	3.32	Malpighian tubule	2R:-:22798066-22798025	exon=> In CDS Exon 3 of transcript AGAP002557-PA
JHU_Ag_51372	EHLEK	AGAP002557-PA,AGAP004596-PA	-	32	0.002530473	1	655.339	-2.31	Head	2R:-:22798081-22798067;2R:-:58247401-58247387	exon=> In CDS Exon 3 of transcript AGAP002557-PA;exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_87846	EHLEK	AGAP002557-PA,AGAP004596-PA	-	35	0.001132996	1	655.341	0.48	Midgut	2R:-:22798081-22798067;2R:-:58247401-58247387	exon=> In CDS Exon 3 of transcript AGAP002557-PA;exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_52916	SLIQPSGELSAK	AGAP002559-PB	N-Term(Acetyl), Q4(Deamidated)	54	6.81E-05	1	1272.670	1.33	Pupa	2R:-:22830169-22830134	exon=> In CDS Exon 1 of transcript AGAP002559-PB
JHU_Ag_112865	SLIQPSGELSAK	AGAP002559-PB	N-Term(Acetyl)	83	6.83E-08	1	1271.686	1.08	Pupa	2R:-:22830169-22830134	exon=> In CDS Exon 1 of transcript AGAP002559-PB
JHU_Ag_1198	DIATPNVVESMK	AGAP002559-PB,AGAP002559-PA	M11(Oxidation)	52	9.63E-05	2	1319.653	1.45	Head	2R:-:22829731-22829696;2R:-:22829731-22829696	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_3939	ATLMIGDIR	AGAP002559-PB,AGAP002559-PA	M4(Oxidation)	71	1.25E-06	1	1005.540	0.46	Pupa	2R:-:22829695-22829669;2R:-:22829695-22829669	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_5529	EELREPANPADIER	AGAP002559-PB,AGAP002559-PA	-	51	0.000124304	1	1638.812	2.31	Head	2R:-:22830127-22830086;2R:-:22830127-22830086	exon=> In CDS Exon 1 of transcript AGAP002559-PB;exon=> In CDS Exon 2 of transcript AGAP002559-PA
JHU_Ag_32001	TADELFGMDGTFR	AGAP002559-PB,AGAP002559-PA	M8(Oxidation)	86	1.88E-08	1	1475.648	0.62	Pupa	2R:-:22829236-22829198;2R:-:22829236-22829198	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_33063	AMLPSEYGGDAGSCK	AGAP002559-PB,AGAP002559-PA	C14(Carbamidomethyl),"M2(Oxidation),C14(Carbamidomethyl)"	107	8.99E-11	1	1558.652	0.15	Pupa	2R:-:22829386-22829342;2R:-:22829386-22829342	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_38050	TADELFGMDGTFR	AGAP002559-PB,AGAP002559-PA	M8(Oxidation)	60	1.02E-05	2	1459.654	1.41	Head	2R:-:22829236-22829198;2R:-:22829236-22829198	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_40053	ANESLRPGAPK	AGAP002559-PB,AGAP002559-PA	N2(Deamidated)	70	1.10E-06	1	1140.600	-0.49	Pupa	2R:-:22829269-22829237;2R:-:22829269-22829237	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_45854	GTDKDIATPNVVESMK	AGAP002559-PB,AGAP002559-PA	M15(Oxidation)	112	1.14E-10	1	1720.842	-0.11	Pupa	2R:-:22829743-22829696;2R:-:22829743-22829696	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_46432	EPANPADIER	AGAP002559-PB,AGAP002559-PA	-	56	3.08E-05	1	1111.536	-1.36	Pupa	2R:-:22830115-22830086;2R:-:22830115-22830086	exon=> In CDS Exon 1 of transcript AGAP002559-PB;exon=> In CDS Exon 2 of transcript AGAP002559-PA
JHU_Ag_46599	ANESLRPGAPK	AGAP002559-PB,AGAP002559-PA	-	39	0.001185769	1	1139.612	-3.81	Larva	2R:-:22829269-22829237;2R:-:22829269-22829237	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_53982	EQEASKANESLRPGAPK	AGAP002559-PB,AGAP002559-PA	-	71	1.19E-06	1	1811.928	1.62	Pupa	2R:-:22829287-22829237;2R:-:22829287-22829237	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_55262	MSLIQPSGELSAK	AGAP002559-PB,AGAP002559-PA	M1(Oxidation)	78	2.52E-07	2	1376.709	-0.29	Pupa	2R:-:22830172-22830134;2R:-:22830172-22830134	exon=> In CDS Exon 1 of transcript AGAP002559-PB;exon=> In CDS Exon 2 of transcript AGAP002559-PA

JHU_Ag_59573	FTPALVKK	AGAP002559-PB,AGAP002559-PA	-	33	0.000631143	2	903.566	0.01	Pupa	2R:-:22829587-22829564;2R:-:22829587-22829564	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_64322	FLICVQEAYPVK	AGAP002559-PB,AGAP002559-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), Q6(Deamidated)"	91	7.43E-09	1	1466.774	1.6	Pupa	2R:-:22829563-22829528;2R:-:22829563-22829528	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_65654	DVSRPEMAEVLNVIHMPPLPGLTPNGCR	AGAP002559-PB,AGAP002559-PA	M7(Oxidation), M16(Oxidation), N25(Deamidated), C27(Carbamidomethyl)," M7(Oxidation), N25(Deamidated), C27(Carbamidomethyl)"	55	4.72E-05	1	3132.524	-1.16	Pupa	2R:-:22829908-22830172,22829180-22829759;2R:-:22829908-22830172,22829180-22829759	exon=> In CDS Exon 2 and 1 of transcript AGAP002559-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP002559-PA
JHU_Ag_69671	EVHVINVSPIVDTIVNFVKPFLK	AGAP002559-PB,AGAP002559-PA	N16(Deamidated)	186	2.25E-19	1	2607.496	1.99	Pupa	2R:-:22829521-22829453;2R:-:22829521-22829453	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_72208	MGEYTAWFK	AGAP002559-PB,AGAP002559-PA	M1(Oxidation)	65	2.06E-06	1	1132.513	-0.22	Pupa	2R:-:22829314-22829288;2R:-:22829314-22829288	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_73200	KFLICVQEAYPVK	AGAP002559-PB,AGAP002559-PA	C5(Carbamidomethyl)	95	2.88E-09	1	1594.867	0.43	Pupa	2R:-:22829566-22829528;2R:-:22829566-22829528	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_73698	ANESLRPGAPK	AGAP002559-PB,AGAP002559-PA	-	52	6.39E-05	1	1139.612	-4.41	Head	2R:-:22829269-22829237;2R:-:22829269-22829237	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_76914	LAEESVGVAGDVYVLDASVATPTHFAK	AGAP002559-PB,AGAP002559-PA	-	168	1.72E-16	1	2746.400	2.22	Pupa	2R:-:22829668-22829588;2R:-:22829668-22829588	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_77108	IHIHSNIEDLYK	AGAP002559-PB,AGAP002559-PA	N6(Deamidated)	104	3.90E-10	1	1481.776	0.88	Pupa	2R:-:22829434-22829399;2R:-:22829434-22829399	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_80442	EELREPANPADIER	AGAP002559-PB,AGAP002559-PA	-	74	6.68E-07	1	1638.807	-0.9	Pupa	2R:-:22830127-22830086;2R:-:22830127-22830086	exon=> In CDS Exon 1 of transcript AGAP002559-PB;exon=> In CDS Exon 2 of transcript AGAP002559-PA
JHU_Ag_81051	NAVPEFFTDR	AGAP002559-PB,AGAP002559-PA	N1(Deamidated)	42	0.000837356	2	1196.558	-0.01	Pupa	2R:-:22829938-22829909;2R:-:22829938-22829909	exon=> In CDS Exon 1 of transcript AGAP002559-PB;exon=> In CDS Exon 2 of transcript AGAP002559-PA
JHU_Ag_87277	EPANPADIER	AGAP002559-PB,AGAP002559-PA	-	46	0.000327725	2	1111.542	3.84	Head	2R:-:22830115-22830086;2R:-:22830115-22830086	exon=> In CDS Exon 1 of transcript AGAP002559-PB;exon=> In CDS Exon 2 of transcript AGAP002559-PA
JHU_Ag_96934	MGEYTAWFK	AGAP002559-PB,AGAP002559-PA	M1(Oxidation)	56	2.06E-05	2	1148.508	0.06	Head	2R:-:22829314-22829288;2R:-:22829314-22829288	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA

JHU_Ag_101045	ELNDAWR	AGAP002559-PB,AGAP002559-PA	-	44	0.000353298	1	903.432	-0.01	Pupa	2R:-:22829341-22829321;2R:-:22829341-22829321	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_108108	LDMYYTMR	AGAP002559-PB,AGAP002559-PA	M3(Oxidation), M7(Oxidation),M3(Oxidation),M7(Oxidation)	53	3.88E-05	1	1108.479	-0.94	Pupa	2R:-:22829962-22829939;2R:-:22829962-22829939	exon=> In CDS Exon 1 of transcript AGAP002559-PB;exon=> In CDS Exon 2 of transcript AGAP002559-PA
JHU_Ag_110346	IHIHSNIEDLYK	AGAP002559-PB,AGAP002559-PA	-	113	5.76E-11	1	1481.771	-2.25	Head	2R:-:22829434-22829399;2R:-:22829434-22829399	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_114880	DIATPNVVESMK	AGAP002559-PB,AGAP002559-PA	M11(Oxidation)	41	0.001303211	2	1319.651	0.06	Pupa	2R:-:22829731-22829696;2R:-:22829731-22829696	exon=> In CDS Exon 2 of transcript AGAP002559-PB;exon=> In CDS Exon 3 of transcript AGAP002559-PA
JHU_Ag_2337	YVPGSIPSYAANASLFVK	AGAP002564-PA	-	36	0.002590501	1	1883.990	-0.24	Male reproductive organs	2R:+:22883485-22883538	exon=> In CDS Exon 5 of transcript AGAP002564-PA
JHU_Ag_35307	YVPGSIPSYAANASLFVK	AGAP002564-PA	-	67	2.14E-06	1	1883.995	2.55	Head	2R:+:22883485-22883538	exon=> In CDS Exon 5 of transcript AGAP002564-PA
JHU_Ag_38579	YVPGSIPSYAANASLFVK	AGAP002564-PA	-	47	0.000204246	2	1883.993	1.32	Visceras	2R:+:22883485-22883538	exon=> In CDS Exon 5 of transcript AGAP002564-PA
JHU_Ag_54480	AKANGLAAQAK	AGAP002564-PA	N4(Deamidated)	75	3.27E-07	1	1042.600	-0.04	Malpighian tubule	2R:+:22881084-22881089,22883458-22883484	exon=> In CDS Exon 4 and 5 of transcript AGAP002564-PA
JHU_Ag_54508	YVPGSIPSYAANASLFVK	AGAP002564-PA	-	82	7.21E-08	1	1883.995	2.74	Malpighian tubule	2R:+:22883485-22883538	exon=> In CDS Exon 5 of transcript AGAP002564-PA
JHU_Ag_98979	ANGLAAQAK	AGAP002564-PA	-	39	0.001289479	1	843.471	3.09	Malpighian tubule	2R:+:22883458-22883484	exon=> In CDS Exon 5 of transcript AGAP002564-PA
JHU_Ag_114924	YVPGSIPSYAANASLFVK	AGAP002564-PA	-	67	2.05E-06	2	1883.993	1.38	Salivary gland	2R:+:22883485-22883538	exon=> In CDS Exon 5 of transcript AGAP002564-PA
JHU_Ag_1891	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	-	63	6.01E-06	2	1057.603	2.59	Larva	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_2641	QIVAPGKGILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C19(Carbamidomethyl)	126	3.49E-12	1	2087.080	-0.29	Malpighian tubule	2R:+:22877825-22877887;2R:+:22877825-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_2952	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation), C25(Carbamidomethyl)	123	6.66E-12	1	2983.482	1.85	Salivary gland	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_3318	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	68	1.96E-06	2	1112.519	3.26	Malpighian tubule	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_4009	DGCDFAK	AGAP002564-PA,AGAP002564-PB	C3(Carbamidomethyl)	35	0.000538419	2	812.325	0.24	Malpighian tubule	2R:+:22880437-22880457;2R:+:22880437-22880457	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_4091	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	62	7.42E-06	1	857.521	0.36	Visceras	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_4205	YASICQSQRIVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	94	3.67E-09	1	3249.622	0.36	Visceras	2R:+:22880536-22880586,22880661-22880693;2R:+:22880536-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB

JHU_Ag_6215	VDKGVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	C15(Carbamidomethyl),"M9(Oxidation),C15(Carbamidomethyl)"	154	5.41E-15	1	2752.273	-1.26	Midgut	2R:+:22878170-22878224,22880396-22880418;2R:+:22878170-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_7188	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	50	0.000113024	2	1091.585	0.86	Malpighian tubule	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_7785	TTYFNYPPKEIQEELAR	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	51	0.000137567	1	2141.067	5.45	Visceras	2R:+:22877765-22877815;2R:+:22877765-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_7870	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	105	1.90E-10	2	1193.678	0.1	Midgut	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_7928	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	64	4.13E-06	2	1172.564	1.28	Visceras	2R:+:22877765-22877791;2R:+:22877765-22877791	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_8876	DGCDFAK	AGAP002564-PA,AGAP002564-PB	C3(Carbamidomethyl)	40	0.000154213	1	812.324	-0.79	Midgut	2R:+:22880437-22880457;2R:+:22880437-22880457	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_11976	TTYFNYPPKEIQEELAR	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	94	5.97E-09	1	2141.055	0.09	Male reproductive organs	2R:+:22877765-22877815;2R:+:22877765-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_12126	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	Q6(Deamidated),N13(Deamidated),N11(Deamidated)	142	9.75E-14	1	1889.972	0.31	Head	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_12220	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl),Q6(Deamidated),C5(Carbamidomethyl),"C5(Carbamidomethyl),Q8(Deamidated)"	69	1.25E-06	2	1112.515	-0.58	Pupa	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_13631	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	-	135	4.50E-13	1	1889.979	3.86	Malpighian tubule	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_13641	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	48	0.000235135	2	987.512	1.06	Malpighian tubule	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_13664	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	-	129	2.00E-12	1	1889.977	3.09	Salivary gland	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_13705	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	52	7.88E-05	2	1091.585	0.08	Midgut	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_13742	GILAGIKVDK	AGAP002564-PA,AGAP002564-PB	-	29	0.003150161	1	1013.635	-0.72	Salivary gland	2R:+:22878149-22878178;2R:+:22878149-22878178	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_14134	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	87	2.16E-09	1	1839.082	0.44	Midgut	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_15091	GILAADESTATCGKR	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	112	1.12E-10	1	1549.764	-0.24	Head	2R:+:22877846-22877890;2R:+:22877846-22877890	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB

JHU_Ag_15739	KDGCDFAK	AGAP002564-PA,AGAP002564-PB	C4(Carbamidomethyl)	45	0.000204413	2	940.420	0.86	Visceras	2R:+:22880434-22880457;2R:+:22880434-22880457	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_16007	GDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	46	0.000265084	2	873.432	0.24	Visceras	2R:+:22878107-22878133;2R:+:22878107-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_17818	GDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	40	0.001197799	2	873.432	1.01	Malpighian tubule	2R:+:22878107-22878133;2R:+:22878107-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_18242	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	N8(Deamidated)	67	2.12E-06	1	1649.753	1.12	Malpighian tubule	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_18845	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	N1(Deamidated)	134	6.81E-13	1	1889.973	0.96	Visceras	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_19889	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	98	9.41E-10	1	1193.678	0.41	Pupa	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_20579	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	N9(Deamidated),N8(Deamidated),N12(Deamidated)	67	3.05E-06	1	1648.768	0.34	Midgut	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_20669	GILAGIKVDK	AGAP002564-PA,AGAP002564-PB	-	40	0.000254019	1	1013.637	1.1	Midgut	2R:+:22878149-22878178;2R:+:22878149-22878178	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_20915	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	N13(Deamidated),Q6(Deamidated),N1(Deamidated),N11(Deamidated)	124	6.68E-12	1	1889.969	-1.37	Midgut	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_20982	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	-	127	3.65E-13	1	1682.987	4.2	Larva	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_21147	VDKGVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	C15(Carbamidomethyl)	116	3.45E-11	1	2736.289	2.86	Head	2R:+:22878170-22878224,22880396-22880418;2R:+:22878170-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_22181	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	55	3.91E-05	2	857.520	0	Male reproductive organs	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_22184	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation),C12(Carbamidomethyl),C12(Carbamidomethyl)	130	1.03E-12	1	2394.094	1.16	Pupa	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB

JHU_Ag_22463	LQEHISGVILFHETLYQKGDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	124	3.03E-12	1	3009.572	1.26	Visceras	2R:+:22878053-22878133;2R:+:22878053-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_22944	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	44	0.000491636	2	1091.582	-2.49	Ovary	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_24163	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	62	7.73E-06	2	1112.518	1.94	Visceras	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_24307	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	44	0.000526402	2	987.512	1.37	Salivary gland	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_24811	LQEHISGVILFHETLYQK	AGAP002564-PA,AGAP002564-PB	-	127	1.11E-12	1	2155.161	3.12	Visceras	2R:+:22878053-22878106;2R:+:22878053-22878106	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_25216	RFADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	-	76	3.88E-07	1	1648.773	3.43	Midgut	2R:+:22877888-22877896,22877981-22878013;2R:+:22877888-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_28360	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	50	0.000128654	2	1091.584	-0.25	Salivary gland	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_28469	DGCDFAK	AGAP002564-PA,AGAP002564-PB	C3(Carbamidomethyl)	39	0.000221694	1	812.327	3.49	Male reproductive organs	2R:+:22880437-22880457;2R:+:22880437-22880457	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_28818	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	106	2.36E-10	1	2156.127	1.74	Midgut	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_29553	TTYFNYPPKEIQEELAR	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	120	1.50E-11	1	2141.053	-0.82	Midgut	2R:+:22877765-22877815;2R:+:22877765-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_29685	FADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	-	66	2.45E-06	2	1492.668	1.36	Male reproductive organs	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_29870	IGKNTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	-	167	1.48E-16	1	2188.176	1.91	Malpighian tubule	2R:+:22880476-22880535;2R:+:22880476-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_30817	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	92	3.38E-09	1	1193.678	0.1	Male reproductive organs	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_31005	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	49	0.000137203	1	857.520	0.07	Ovary	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_33123	GILAGIK	AGAP002564-PA,AGAP002564-PB	-	27	0.003992264	1	671.445	0.44	Visceras	2R:+:22878149-22878169;2R:+:22878149-22878169	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_33745	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	62	7.54E-06	2	857.521	1.28	Salivary gland	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_34006	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	85	4.45E-09	1	1839.079	-0.9	Pupa	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_34153	GILAADESTATCGKR	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	116	4.17E-11	1	1549.764	-0.16	Midgut	2R:+:22877846-22877890;2R:+:22877846-22877890	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_34291	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	95	1.67E-09	2	1193.680	1.74	Visceras	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_35301	LQEHISGVILFHETLYQKGDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	156	2.34E-15	1	3009.566	-0.61	Midgut	2R:+:22878053-22878133;2R:+:22878053-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_35489	LQEHISGVILFHETLYQK	AGAP002564-PA,AGAP002564-PB	-	133	3.08E-13	1	2155.158	1.42	Salivary gland	2R:+:22878053-22878106;2R:+:22878053-22878106	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_35901	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	-	56	3.25E-05	2	1057.600	0.05	Visceras	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_36543	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	42	0.001005 35	1	987.514	3.36	Male reproductive organs	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_36614	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	N9(Deamidated),N8(Deamidated),N12(Deamidated)	85	3.53E-08	1	1649.751	-0.5	Pupa	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_37005	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	46	0.000256 212	1	1172.567	4.16	Larva	2R:+:22877765-22877791;2R:+:22877765-22877791	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_37509	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	-	48	0.000177 144	1	1057.601	0.63	Salivary gland	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_38202	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	97	2.38E-10	1	1839.083	1.23	Head	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_38356	TTYFNYPPKEIQEELAR	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl), Q12(Deamidated)	78	2.74E-07	1	2142.040	0.37	Pupa	2R:+:22877765-22877815;2R:+:22877765-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_38443	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	44	0.000558 635	2	987.510	-0.3	Head	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_38463	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	110	6.55E-11	2	1193.680	1.94	Salivary gland	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_39056	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation), C25(Carbamidomethyl),"N17(Deamidated), M18(Oxidation), C25(Carbamidomethyl)",C25(Carbamidomethyl)	142	7.98E-14	1	2967.479	-0.76	Midgut	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_39325	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	72	7.33E-07	2	1112.519	3.59	Larva	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_39564	GILAGIKVDK	AGAP002564-PA,AGAP002564-PB	-	44	9.96E-05	1	1013.636	0.24	Pupa	2R:+:22878149-22878178;2R:+:22878149-22878178	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_39666	VDKGVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	C15(Carbamidomethyl)	98	2.04E-09	1	2736.287	1.79	Pupa	2R:+:22878170-22878224,22880396-22880418;2R:+:22878170-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_41685	NTPSYQSILENANVLARYASICQSQR	AGAP002564-PA,AGAP002564-PB	C22(Carbamidomethyl)	76	3.01E-07	1	2983.483	4.57	Malpighian tubule	2R:+:22880485-22880562;2R:+:22880485-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_42215	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	60	1.13E-05	1	1112.516	0.18	Ovary	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_43323	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	124	6.71E-12	2	1393.666	1.96	Malpighian tubule	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_44280	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation), C25(Carbamidomethyl)	165	3.81E-16	1	2983.474	-0.81	Male reproductive organs	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_44505	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	49	0.000178 29	1	987.510	-0.6	Midgut	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_44779	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	Q5(Deamidated)	133	1.08E-13	1	1682.983	1.74	Pupa	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_44827	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	118	1.79E-11	2	2394.096	1.86	Visceras	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_44952	QIVAPGK	AGAP002564-PA,AGAP002564-PB	-	37	0.000425 357	1	712.436	0.43	Malpighian tubule	2R:+:22877825-22877845;2R:+:22877825-22877845	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_45057	ENVKAAQEELIK	AGAP002564-PA,AGAP002564-PB	-	70	1.18E-06	1	1371.750	1.48	Malpighian tubule	2R:+:22881045-22881080;2R:+:22881045-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_45070	VDKGVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	C15(Carbamidomethyl),"M9(Oxidation),C15(Carbamidomethyl)"	172	7.93E-17	1	2736.285	1.38	Visceras	2R:+:22878170-22878224,22880396-22880418;2R:+:22878170-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_45301	GDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	43	0.000614274	2	873.430	-1.36	Head	2R:+:22878107-22878133;2R:+:22878107-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_45530	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	-	101	1.20E-09	1	1889.972	0.05	Ovary	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_45677	FADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	-	85	2.60E-08	2	1492.669	2.1	Midgut	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_47046	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	50	9.18E-05	1	1172.563	0.2	Midgut	2R:+:22877765-22877791;2R:+:22877765-22877791	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_47314	LQEHISGVILFHETLYQKGDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	113	4.12E-11	1	3009.572	1.26	Pupa	2R:+:22878053-22878133;2R:+:22878053-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_48300	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation),C12(Carbamidomethyl)	100	1.01E-09	1	2410.091	2.03	Larva	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_48490	GILAADESTATCGKR	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	99	2.40E-09	1	1549.765	0.39	Pupa	2R:+:22877846-22877890;2R:+:22877846-22877890	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_48597	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	114	6.51E-11	1	1393.664	0.91	Visceras	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_48822	FADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	N9(Deamidated),N8(Deamidated)	82	5.18E-08	1	1492.665	-1.09	Pupa	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_48840	QIVAPGK	AGAP002564-PA,AGAP002564-PB	-	37	0.00039152	1	712.435	-0.6	Midgut	2R:+:22877825-22877845;2R:+:22877825-22877845	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_48957	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	114	3.63E-11	2	2156.128	2.19	Pupa	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB

JHU_Ag_50393	DGCDFAK	AGAP002564-PA,AGAP002564-PB	C3(Carbamidomethyl)	37	0.000350849	1	812.325	1.01	Visceras	2R:+:22880437-22880457;2R:+:22880437-22880457	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_50543	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation), C25(Carbamidomethyl),C25(Carbamidomethyl)	139	1.72E-13	1	2983.472	-1.67	Head	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_50954	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	-	63	6.04E-06	1	1648.766	-0.94	Head	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_50988	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	-	128	4.19E-13	1	1682.980	0.14	Ovary	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_52235	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	N13(Deamidated),N11(Deamidated)	138	2.39E-13	1	1889.979	4.06	Larva	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_52264	GILAADESTATCGKR	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	100	1.96E-09	1	1549.767	2.05	Visceras	2R:+:22877846-22877890;2R:+:22877846-22877890	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_52327	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	92	3.63E-09	1	1193.682	3.78	Larva	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_52338	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	211	7.66E-21	1	2410.090	1.42	Malpighian tubule	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_53485	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	59	1.16E-05	2	857.522	1.85	Larva	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_53731	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	72	6.63E-07	2	1112.514	-1.24	Midgut	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_54096	QIVAPGK	AGAP002564-PA,AGAP002564-PB	-	28	0.003271 55	2	712.436	0.41	Ovary	2R:+:22877825-22877845;2R:+:22877825-22877845	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_54162	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	109	1.34E-10	1	2156.125	0.61	Salivary gland	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_54563	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	115	5.27E-11	1	1393.663	-0.06	Head	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_55941	AAQEELIK	AGAP002564-PA,AGAP002564-PB	-	56	6.10E-05	2	901.497	-1.85	Pupa	2R:+:22881057-22881080;2R:+:22881057-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_55958	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	-	61	1.12E-05	1	1648.766	-0.72	Ovary	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_56177	LQEHISGVILFHETLYQK	AGAP002564-PA,AGAP002564-PB	Q2(Deamidated)	137	1.27E-13	1	2155.161	2.78	Pupa	2R:+:22878053-22878106;2R:+:22878053-22878106	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_56280	GILAGIK	AGAP002564-PA,AGAP002564-PB	-	36	0.000508416	1	671.445	-0.56	Pupa	2R:+:22878149-22878169;2R:+:22878149-22878169	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_57625	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	N13(Deamidated),Q6(Deamidated),N1(Deamidated),N11(Deamidated)	141	1.26E-13	1	1889.975	1.92	Pupa	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_58183	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	66	2.99E-06	2	1112.513	-2.23	Head	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_58318	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	101	8.21E-10	1	2156.123	-0.41	Ovary	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_58441	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation), C25(Carbamidomethyl)	134	5.57E-13	1	2983.470	-2.16	Ovary	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_59241	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	57	3.18E-05	2	987.512	1.18	Visceras	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_59951	LQEHISGVILFHETLYQK	AGAP002564-PA,AGAP002564-PB	-	93	2.85E-09	1	2155.168	6.27	Malpighian tubule	2R:+:22878053-22878106;2R:+:22878053-22878106	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_61051	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	108	2.33E-10	1	1393.664	0.56	Male reproductive organs	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_61150	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	76	2.56E-07	2	1172.561	-1.22	Male reproductive organs	2R:+:22877765-22877791;2R:+:22877765-22877791	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_61337	QIVAPGK	AGAP002564-PA,AGAP002564-PB	-	36	0.00044132	1	712.435	-0.43	Head	2R:+:22877825-22877845;2R:+:22877825-22877845	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_62771	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	-	49	0.000164182	2	1057.602	1.44	Head	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_64300	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	56	2.98E-05	2	1091.586	1.42	Visceras	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB

JHU_Ag_64489	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	103	5.08E-10	1	2156.128	1.97	Visceras	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_65550	LQEHISGVILFHETLYQKGDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	181	6.52E-18	1	3009.569	0.12	Head	2R:+:22878053-22878133;2R:+:22878053-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_66248	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation), C12(Carbamidomethyl)	119	1.30E-11	2	2410.083	-1.41	Male reproductive organs	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_66956	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	69	1.43E-06	2	1091.584	-0.7	Pupa	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_67398	IGKNTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	-	66	1.94E-06	1	2188.173	0.2	Midgut	2R:+:22880476-22880535;2R:+:22880476-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_68051	DGCDFAKWR	AGAP002564-PA,AGAP002564-PB	C3(Carbamidomethyl)	73	3.98E-07	1	1154.507	2.11	Malpighian tubule	2R:+:22880437-22880463;2R:+:22880437-22880463	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_68188	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	-	77	2.29E-07	2	1057.598	-1.68	Midgut	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_68217	TTYFNYPPKEIQEELAR	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	107	3.09E-10	1	2141.064	4.2	Malpighian tubule	2R:+:22877765-22877815;2R:+:22877765-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_68498	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	56	2.70E-05	2	1091.588	3.1	Larva	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_68827	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation), C25(Carbamidomethyl),C25(Carbamidomethyl)	186	3.38E-18	1	2967.479	-0.9	Visceras	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_68866	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	92	3.68E-09	1	1193.677	-0.31	Ovary	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_72030	TVPAAVPGVTFLSGGQSEEEASVNLSAINQVPLLRPWALTFSYGR	AGAP002564-PA,AGAP002564-PB	-	31	0.001574108	1	4729.487	5.1	Visceras	2R:+:22880868-22881002;2R:+:22880868-22881002	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_73298	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	-	58	2.15E-05	1	1648.770	1.34	Male reproductive organs	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_73941	GILAGIK	AGAP002564-PA,AGAP002564-PB	-	39	0.000241668	1	671.444	-1.66	Head	2R:+:22878149-22878169;2R:+:22878149-22878169	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB

JHU_Ag_74239	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	94	2.33E-09	1	1193.679	1.43	Head	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_74492	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	63	4.99E-06	2	1112.515	0.07	Salivary gland	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_75570	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	-	125	8.79E-13	2	1682.981	0.58	Male reproductive organs	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_75859	DGCDFAK	AGAP002564-PA,AGAP002564-PB	C3(Carbamidomethyl)	38	0.000278048	1	812.325	0.17	Head	2R:+:22880437-22880457;2R:+:22880437-22880457	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_76092	QIVAPGK	AGAP002564-PA,AGAP002564-PB	-	48	3.72E-05	1	712.436	1.03	Visceras	2R:+:22877825-22877845;2R:+:22877825-22877845	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_77282	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	108	1.53E-10	1	2156.130	2.87	Head	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_77647	FADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	-	89	1.15E-08	1	1492.670	2.42	Malpighian tubule	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_78484	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	-	63	6.23E-06	2	1057.601	0.51	Malpighian tubule	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_78760	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	48	0.000144785	1	1172.562	-0.32	Head	2R:+:22877765-22877791;2R:+:22877765-22877791	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_79612	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	113	5.16E-11	1	2156.129	2.53	Malpighian tubule	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_80297	IAKQIVAPGK	AGAP002564-PA,AGAP002564-PB	-	67	2.83E-07	2	1024.651	-0.11	Malpighian tubule	2R:+:22877816-22877845;2R:+:22877816-22877845	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_81980	GILAGIKVDK	AGAP002564-PA,AGAP002564-PB	-	44	0.000110958	1	1013.636	0.08	Malpighian tubule	2R:+:22878149-22878178;2R:+:22878149-22878178	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_82396	IGKNTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	-	68	1.21E-06	3	2188.175	1.2	Visceras	2R:+:22880476-22880535;2R:+:22880476-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_82530	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	-	122	1.77E-12	2	1682.980	-0.15	Midgut	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_83209	YASICQSQRIVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	56	2.60E-05	1	3249.640	5.86	Malpighian tubule	2R:+:22880536-22880586,22880661-22880693;2R:+:22880536-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_84049	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation),C25(Carbamidomethyl),C25(Carbamidomethyl)	215	4.15E-21	1	2967.482	0.09	Pupa	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_84187	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation),C25(Carbamidomethyl),C25(Carbamidomethyl)	170	1.43E-16	1	2983.482	1.85	Malpighian tubule	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_84605	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	-	109	2.68E-11	1	1682.983	1.59	Visceras	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_85369	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	98	1.74E-09	1	2156.121	-1.2	Male reproductive organs	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_85392	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	79	1.44E-08	1	1839.081	0.03	Visceras	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_86822	AAQEELIK	AGAP002564-PA,AGAP002564-PB	-	35	0.005818 91	2	901.500	1.53	Larva	2R:+:22881057-22881080;2R:+:22881057-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_87477	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	46	0.000413 349	1	987.513	2.24	Larva	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_87722	EIQEELAR	AGAP002564-PA,AGAP002564-PB	Q3(Deamidated)	49	0.000187 123	1	987.510	-0.29	Pupa	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_88315	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	103	7.43E-10	1	1393.663	0.21	Ovary	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_88622	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	Q3(Deamidated)	70	0.000001 08	2	1057.599	-1.22	Pupa	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_88746	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	Q5(Deamidated)	125	7.29E-13	1	1682.981	0.87	Head	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_89131	AAQEELIK	AGAP002564-PA,AGAP002564-PB	-	52	0.000127 011	2	901.500	0.65	Midgut	2R:+:22881057-22881080;2R:+:22881057-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_89511	LQEHISGVILFHETLYQK	AGAP002564-PA,AGAP002564-PB	Q2(Deamidated)	119	7.28E-12	1	2155.159	2.1	Head	2R:+:22878053-22878106;2R:+:22878053-22878106	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_89578	AAQEELIK	AGAP002564-PA,AGAP002564-PB	-	47	0.000373 974	2	901.500	1.06	Visceras	2R:+:22881057-22881080;2R:+:22881057-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_90420	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	71	9.76E-07	2	857.519	-1.21	Pupa	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_90754	FADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	-	74	3.57E-07	2	1492.669	1.93	Larva	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_91882	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	62	6.81E-06	1	857.521	0.71	Malpighian tubule	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_92047	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	51	1.00E-05	1	1839.080	-0.44	Male reproductive organs	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_92580	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	153	5.33E-15	2	2394.092	0.33	Midgut	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_93445	AAQEELIK	AGAP002564-PA,AGAP002564-PB	-	38	0.003227317	2	901.499	-0.23	Ovary	2R:+:22881057-22881080;2R:+:22881057-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_93643	RFADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	N9(Deamidated)	107	2.76E-10	1	1648.763	-2.54	Head	2R:+:22877888-22877896,22877981-22878013;2R:+:22877888-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_93835	LQEHISGVILFHETLYQK	AGAP002564-PA,AGAP002564-PB	Q2(Deamidated)	151	4.69E-15	1	2155.157	1.08	Midgut	2R:+:22878053-22878106;2R:+:22878053-22878106	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_97058	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	52	7.27E-06	1	1839.087	3.35	Larva	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_98619	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	-	126	5.10E-13	1	1682.986	3.41	Malpighian tubule	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_99054	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	119	2.08E-11	2	1393.662	-0.41	Pupa	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_99242	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	156	2.53E-15	2	2394.087	-1.61	Head	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_99286	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	63	5.59E-06	2	857.520	-0.21	Midgut	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_99349	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	45	0.000334 51	1	1172.573	9.57	Salivary gland	2R:+:22877765-22877791;2R:+:22877765-22877791	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_100074	YASICQSQR	AGAP002564-PA,AGAP002564-PB	C5(Carbamidomethyl)	47	0.000200 174	2	1112.514	-1.02	Male reproductive organs	2R:+:22880536-22880562;2R:+:22880536-22880562	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_100560	TVPAAVPGVTFLSGGQSEEEASVNLSAINQVPLLRPWALTFSYGR	AGAP002564-PA,AGAP002564-PB	-	42	0.000104 996	1	4729.489	5.49	Midgut	2R:+:22880868-22881002;2R:+:22880868-22881002	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_102845	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	N8(Deamidated)	67	3.13E-06	1	1648.772	2.79	Larva	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_102959	FADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	N9(Deamidated),N12(Deamidated)	99	1.06E-09	1	1492.667	0.71	Head	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_103583	EIQEELAR	AGAP002564-PA,AGAP002564-PB	-	38	0.002262 229	2	987.512	0.93	Ovary	2R:+:22877792-22877815;2R:+:22877792-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_104740	NTPSYQSILENANVLAR	AGAP002564-PA,AGAP002564-PB	N13(Deamidated),N11(Deamidated)	129	2.04E-12	1	1889.970	-0.66	Male reproductive organs	2R:+:22880485-22880535;2R:+:22880485-22880535	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_104854	VTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	-	95	1.79E-09	1	1193.680	1.94	Malpighian tubule	2R:+:22880703-22880735;2R:+:22880703-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_104985	GILAADESTATCGKR	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	97	3.40E-09	1	1549.772	4.96	Male reproductive organs	2R:+:22877846-22877890;2R:+:22877846-22877890	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_105330	ALNDHHVYLEGTLLKPNMVTAGQSCAK	AGAP002564-PA,AGAP002564-PB	M18(Oxidation), C25(Carbamidomethyl)	171	1.10E-16	1	2983.486	3.31	Larva	2R:+:22880736-22880816;2R:+:22880736-22880816	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_106163	KDGCDFAK	AGAP002564-PA,AGAP002564-PB	C4(Carbamidomethyl)	42	0.000427 08	1	940.419	-0.44	Midgut	2R:+:22880434-22880457;2R:+:22880434-22880457	exon=> In CDS Exon 3 of transcript AGAP002564-PA;exon=> In CDS Exon 3 of transcript AGAP002564-PB
JHU_Ag_106857	FADIGVENNEDNRR	AGAP002564-PA,AGAP002564-PB	N8(Deamidated)	68	1.87E-06	1	1649.752	0.45	Visceras	2R:+:22877891-22877896,22877981-22878016;2R:+:22877891-22877896,22877981-22878016	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_107063	GDDGTPLAK	AGAP002564-PA,AGAP002564-PB	-	36	0.002988 022	2	873.432	1.08	Ovary	2R:+:22878107-22878133;2R:+:22878107-22878133	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_107837	AAQEELIK	AGAP002564-PA,AGAP002564-PB	-	59	3.25E-05	1	901.498	-0.57	Malpighian tubule	2R:+:22881057-22881080;2R:+:22881057-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_107847	TTYFNYPPKEIQEELAR	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	88	2.56E-08	1	2141.056	0.55	Pupa	2R:+:22877765-22877815;2R:+:22877765-22877815	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_108241	ALQASVLR	AGAP002564-PA,AGAP002564-PB	-	54	4.82E-05	1	857.519	-1.64	Head	2R:+:22881003-22881026;2R:+:22881003-22881026	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_108647	GILAGIK	AGAP002564-PA,AGAP002564-PB	-	39	0.000236711	1	671.444	-0.93	Midgut	2R:+:22878149-22878169;2R:+:22878149-22878169	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_108964	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	83	6.01E-09	1	1839.083	1.09	Malpighian tubule	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_109015	ALQASVLRAWGGK	AGAP002564-PA,AGAP002564-PB	-	76	1.88E-07	1	1356.776	1.16	Malpighian tubule	2R:+:22881003-22881041;2R:+:22881003-22881041	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_109559	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	103	8.20E-10	1	1393.669	4.41	Midgut	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_111302	GVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	193	5.77E-19	1	2394.096	1.75	Salivary gland	2R:+:22878179-22878224,22880396-22880418;2R:+:22878179-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_111307	TTYFNYPPK	AGAP002564-PA,AGAP002564-PB	N-Term(Acetyl)	77	2.00E-07	2	1172.563	0.86	Pupa	2R:+:22877765-22877791;2R:+:22877765-22877791	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_111944	KPTAQEIALATVTALR	AGAP002564-PA,AGAP002564-PB	-	113	1.18E-11	1	1682.981	0.87	Salivary gland	2R:+:22880817-22880864;2R:+:22880817-22880864	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_112771	AAQEELIKR	AGAP002564-PA,AGAP002564-PB	-	63	5.93E-06	2	1057.603	2.36	Male reproductive organs	2R:+:22881057-22881083;2R:+:22881057-22881083	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_112879	IVPIVEPEILPDGDHDLER	AGAP002564-PA,AGAP002564-PB	-	86	2.55E-08	1	2156.132	4.01	Larva	2R:+:22880563-22880586,22880661-22880693;2R:+:22880563-22880586,22880661-22880693	exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002564-PB
JHU_Ag_112903	AAQEELIK	AGAP002564-PA,AGAP002564-PB	-	44	0.000788572	2	901.499	0.04	Head	2R:+:22881057-22881080;2R:+:22881057-22881080	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_113022	GILAADESTATCGK	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	95	5.00E-09	1	1393.663	0.12	Salivary gland	2R:+:22877846-22877887;2R:+:22877846-22877887	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_113311	CQKVTETVLAAVYK	AGAP002564-PA,AGAP002564-PB	C1(Carbamidomethyl)	67	2.13E-06	2	1609.864	1.59	Malpighian tubule	2R:+:22880694-22880735;2R:+:22880694-22880735	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB

JHU_Ag_113777	FADIGVENNEDNR	AGAP002564-PA,AGAP002564-PB	-	73	4.46E-07	2	1492.668	0.79	Visceras	2R:+:22877891-22877896,22877981-22878013;2R:+:22877891-22877896,22877981-22878013	exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002564-PB
JHU_Ag_113856	VDKGVVDLMGSEGECTTQGLDDLAAR	AGAP002564-PA,AGAP002564-PB	C15(Carbamidomethyl)	175	3.85E-17	1	2736.288	2.19	Malpighian tubule	2R:+:22878170-22878224,22880396-22880418;2R:+:22878170-22878224,22880396-22880418	exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP002564-PB
JHU_Ag_115774	GILAADESTATCGKR	AGAP002564-PA,AGAP002564-PB	C12(Carbamidomethyl)	112	1.25E-10	1	1549.766	1.18	Malpighian tubule	2R:+:22877846-22877890;2R:+:22877846-22877890	exon=> In CDS Exon 1 of transcript AGAP002564-PA;exon=> In CDS Exon 1 of transcript AGAP002564-PB
JHU_Ag_116757	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	60	1.29E-05	2	1091.585	0.53	Male reproductive organs	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_116792	QLLFTADQR	AGAP002564-PA,AGAP002564-PB	-	63	6.79E-06	2	1091.580	-3.94	Head	2R:+:22878026-22878052;2R:+:22878026-22878052	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB
JHU_Ag_117119	KPTAQEIALATVTALRR	AGAP002564-PA,AGAP002564-PB	-	40	0.000110964	1	1839.083	1.26	Salivary gland	2R:+:22880817-22880867;2R:+:22880817-22880867	exon=> In CDS Exon 4 of transcript AGAP002564-PA;exon=> In CDS Exon 4 of transcript AGAP002564-PB
JHU_Ag_104170	LLASK	AGAP002564-PA,AGAP008509-PA,AGAP005771-PA,AGAP002564-PB,AGAP003821-PA	-	36	0.001799181	1	531.350	-0.35	Midgut	2R:+:22878134-22878148;3R:+:11436235-11436249;2L:-:20422672-20422658;2R:+:22878134-22878148;2R:+:43765339-43765353	exon=> In CDS Exon 2 of transcript AGAP002564-PA;exon=> In CDS Exon 2 of transcript AGAP008509-PA;exon=> In CDS Exon 4 of transcript AGAP005771-PA;exon=> In CDS Exon 2 of transcript AGAP002564-PB;exon=> In CDS Exon 2 of transcript AGAP003821-PA
JHU_Ag_1341	YGGGVEGAAGAGSLFVANHAY	AGAP002564-PB	N18(Deamidated)	167	3.13E-16	1	1967.925	0.2	Head	2R:+:22891439-22891501	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_7689	ANSDAALGK	AGAP002564-PB	-	72	1.13E-06	2	846.433	1.74	Malpighian tubule	2R:+:22891412-22891438	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_28987	AKANSDAALGK	AGAP002564-PB	-	76	4.04E-07	1	1045.566	1.81	Visceras	2R:+:22881084-22881089,22891412-22891438	exon=> In CDS Exon 4 and 5 of transcript AGAP002564-PB
JHU_Ag_46338	YGGGVEGAAGAGSLFVANHAY	AGAP002564-PB	-	145	5.40E-14	1	1967.927	0.95	Ovary	2R:+:22891439-22891501	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_55204	YGGGVEGAAGAGSLFVANHAY	AGAP002564-PB	-	161	1.11E-15	1	1967.918	-3.46	Male reproductive organs	2R:+:22891439-22891501	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_65178	YGGGVEGAAGAGSLFVANHAY	AGAP002564-PB	-	129	2.11E-12	1	1967.928	1.57	Salivary gland	2R:+:22891439-22891501	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_75354	ANSDAALGK	AGAP002564-PB	-	64	9.60E-06	2	846.432	0.22	Head	2R:+:22891412-22891438	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_79143	AKANSDAALGK	AGAP002564-PB	-	70	1.55E-06	1	1045.565	0.99	Malpighian tubule	2R:+:22881084-22881089,22891412-22891438	exon=> In CDS Exon 4 and 5 of transcript AGAP002564-PB
JHU_Ag_86353	ANSDAALGK	AGAP002564-PB	-	62	1.51E-05	2	846.432	0.3	Visceras	2R:+:22891412-22891438	exon=> In CDS Exon 5 of transcript AGAP002564-PB

JHU_Ag_103235	YGGGVEGAAGAGSLFVANHAY	AGAP002564-PB	N18(Deamidated)	158	2.83E-15	1	1967.929	2.37	Visceras	2R:+:22891439-22891501	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_104017	YGGGVEGAAGAGSLFVANHAY	AGAP002564-PB	-	163	7.21E-16	1	1967.928	1.57	Malpighian tubule	2R:+:22891439-22891501	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_109150	ANSDAALGK	AGAP002564-PB	-	74	9.08E-07	2	846.431	-0.35	Midgut	2R:+:22891412-22891438	exon=> In CDS Exon 5 of transcript AGAP002564-PB
JHU_Ag_94522	IAELLEIPTTLDDPGTK	AGAP002567-PA	-	54	3.47E-05	1	1825.985	3.07	Head	2R:+:22996931-22996981	exon=> In CDS Exon 6 of transcript AGAP002567-PA
JHU_Ag_11212	ANIELGDVTHHNLKQLK	AGAP002568-PA	-	58	1.07E-05	1	1930.052	0.99	Malpighian tubule	2R:-:23000310-23000260	exon=> In CDS Exon 2 of transcript AGAP002568-PA
JHU_Ag_21446	FGFEIVETK	AGAP002568-PA	-	77	1.87E-07	2	1069.556	-0.61	Ovary	2R:-:22999941-22999915	exon=> In CDS Exon 2 of transcript AGAP002568-PA
JHU_Ag_44020	FYLDVLESGELAK	AGAP002568-PA	-	38	0.001844 96	2	1483.763	-3.59	Ovary	2R:-:23000217-23000179	exon=> In CDS Exon 2 of transcript AGAP002568-PA
JHU_Ag_46549	RIEPADAHVLQK	AGAP002568-PA	-	54	3.79E-05	2	1376.761	-2.46	Head	2R:-:22999899-22999864	exon=> In CDS Exon 2 of transcript AGAP002568-PA
JHU_Ag_50617	RFGFEIVETK	AGAP002568-PA	-	45	0.000277 334	1	1225.660	2.31	Head	2R:-:22999944-22999915	exon=> In CDS Exon 2 of transcript AGAP002568-PA
JHU_Ag_101080	RIEPADAHVLQK	AGAP002568-PA	-	40	0.000724 697	1	1376.764	-0.33	Male reproductive organs	2R:-:22999899-22999864	exon=> In CDS Exon 2 of transcript AGAP002568-PA
JHU_Ag_110242	LPDLENQASDDGSNAGGR	AGAP002569-PA	-	64	4.45E-06	1	1815.827	9.34	Larva	2R:+:23002444-23002465,23002728-23002759	exon=> In CDS Exon 2 and 3 of transcript AGAP002569-PA
JHU_Ag_2881	QQIIDADILAVLAK	AGAP002570-PA	-	48	3.16E-05	2	1510.895	7.08	Head	2R:-:23003870-23005036,23003531-23003759	exon=> In CDS Exon 3 and 2 of transcript AGAP002570-PA
JHU_Ag_6297	SDGFPTYHFANVVDDHYMR	AGAP002570-PA	M18(Oxidation)	35	0.001495 18	1	2286.975	-5.41	Head	2R:-:23004512-23004456	exon=> In CDS Exon 2 of transcript AGAP002570-PA
JHU_Ag_20151	ELLDIDAPQLTDLIR	AGAP002570-PA	-	32	0.003352 714	2	1724.951	4.71	Head	2R:-:23004215-23004171	exon=> In CDS Exon 2 of transcript AGAP002570-PA
JHU_Ag_20667	QQIIDADILAVLAK	AGAP002570-PA	-	27	0.004507 544	1	1510.891	4.42	Ovary	2R:-:23003870-23005036,23003531-23003759	exon=> In CDS Exon 3 and 2 of transcript AGAP002570-PA
JHU_Ag_23635	NHLAFEK	AGAP002570-PA	-	30	0.009484 536	1	858.446	-0.97	Head	2R:-:23003680-23003660	exon=> In CDS Exon 3 of transcript AGAP002570-PA
JHU_Ag_27158	IVYFIAQQEGDPVIIK	AGAP002570-PA	-	51	4.16E-05	2	1833.016	0.23	Salivary gland	2R:-:23004560-23004513	exon=> In CDS Exon 2 of transcript AGAP002570-PA
JHU_Ag_45693	TALYNYLYAK	AGAP002570-PA	-	53	8.87E-05	2	1219.635	-0.48	Malpighian tubule	2R:-:23005010-23004981	exon=> In CDS Exon 2 of transcript AGAP002570-PA
JHU_Ag_52824	QQIIDADILAVLAK	AGAP002570-PA	-	46	6.22E-05	2	1510.890	4.09	Visceras	2R:-:23003870-23005036,23003531-23003759	exon=> In CDS Exon 3 and 2 of transcript AGAP002570-PA
JHU_Ag_98387	QQIIDADILAVLAK	AGAP002570-PA	-	39	0.000293 724	2	1510.891	4.33	Malpighian tubule	2R:-:23003870-23005036,23003531-23003759	exon=> In CDS Exon 3 and 2 of transcript AGAP002570-PA
JHU_Ag_105781	YKLQHDSEAAER	AGAP002570-PA	-	40	0.001649 367	1	1446.698	0.73	Head	2R:-:23004086-23004051	exon=> In CDS Exon 2 of transcript AGAP002570-PA
JHU_Ag_114192	DLTTAQSTSATELISR	AGAP002573-PA	-	72	8.92E-07	1	1693.865	2.62	Head	2R:+:23018053-23018072,23075712-23075739	exon=> In CDS Exon 1 and 2 of transcript AGAP002573-PA

JHU_Ag_100068	DSSILGAHHLDEFVR	AGAP002578-PA,AGAP002578-PC,AGAP002578-PB,AGAP002578-PD,AGAP002577-PA	-	74	5.98E-07	1	1695.841	-2.15	Head	2R:-:23177775-23177731;2R:-:23177775-23177731;2R:-:23177775-23177731;2R:-:23177775-23177731;2R:-:23136792-23136748	exon=> In CDS Exon 22 of transcript AGAP002578-PA;exon=> In CDS Exon 22 of transcript AGAP002578-PC;exon=> In CDS Exon 22 of transcript AGAP002578-PB;exon=> In CDS Exon 22 of transcript AGAP002578-PD;exon=> In CDS Exon 17 of transcript AGAP002577-PA
JHU_Ag_36944	VLALDAIDPNTVR	AGAP002579-PA	-	29	0.006639866	2	1396.786	4.94	Head	2R:+:23270127-23270165	exon=> In CDS Exon 6 of transcript AGAP002579-PA
JHU_Ag_45103	EIDSIVYHATPLIHR	AGAP002579-PA	-	44	0.000437326	1	1763.937	-4.05	Head	2R:+:23270631-23270675	exon=> In CDS Exon 6 of transcript AGAP002579-PA
JHU_Ag_88877	DVNSQPSSQVYTVR	AGAP002579-PA	-	57	4.00E-05	2	1579.774	1.96	Head	2R:+:23270376-23270417	exon=> In CDS Exon 6 of transcript AGAP002579-PA
JHU_Ag_30502	MLTDTPPQTTLLVTVMPNR	AGAP002581-PA	Q8(Deamidated)	34	0.005597767	1	2129.080	-8.61	Head	2R:-:23276873-23276817	exon=> In CDS Exon 2 of transcript AGAP002581-PA
JHU_Ag_42785	MLTDTPPQTTLLVTVMPNR	AGAP002581-PA	Q8(Deamidated)	36	0.003713573	1	2129.073	-11.88	Visceras	2R:-:23276873-23276817	exon=> In CDS Exon 2 of transcript AGAP002581-PA
JHU_Ag_25286	CAVVTDGSTITVK	AGAP002583-PA	C1(Carbamidomethyl)	32	0.011766254	2	1350.688	-3.79	Midgut	2R:+:23282053-23282091	exon=> In CDS Exon 1 of transcript AGAP002583-PA
JHU_Ag_58601	TVIVRPDTNQIDDGGAADDEDGENSVHYR	AGAP002583-PA	-	195	2.77E-19	1	3158.416	-3.05	Midgut	2R:+:23281162-23281248	exon=> In CDS Exon 1 of transcript AGAP002583-PA
JHU_Ag_103727	GCYDDAFDVGPR	AGAP002583-PA	C2(Carbamidomethyl)	79	4.02E-08	2	1371.565	0.85	Midgut	2R:+:23281756-23281791	exon=> In CDS Exon 1 of transcript AGAP002583-PA
JHU_Ag_1828	GEQVSPSCEAGFAYVR	AGAP002585-PA	C8(Carbamidomethyl)	100	1.02E-09	2	1756.798	0.88	Midgut	2R:+:23287493-23287540	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_16822	DNLCIGDGPTCEPDYSMVR	AGAP002585-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), M17(Oxidation)	74	1.12E-07	2	2214.911	0.58	Midgut	2R:+:23288993-23289049	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_22624	RPINCPYEFQIVGNR	AGAP002585-PA	C5(Carbamidomethyl)	86	4.13E-08	1	1862.934	0.23	Midgut	2R:+:23288840-23288884	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_32346	LAGGVCLYSTPQCPAGYR	AGAP002585-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	82	9.09E-08	1	1969.931	2.67	Midgut	2R:+:23286710-23286763	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_35248	VQCEYGYNYNAK	AGAP002585-PA	C3(Carbamidomethyl)	63	2.61E-06	1	1508.647	-0.63	Midgut	2R:+:23287559-23287594	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_44823	TSYGSPECPPGTVITEGR	AGAP002585-PA	C8(Carbamidomethyl)	133	5.50E-13	1	1907.880	-0.33	Midgut	2R:+:23289065-23289118	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_55900	TTMTCPAGTVLEGER	AGAP002585-PA	C5(Carbamidomethyl)	57	2.34E-05	2	1622.748	-2.16	Midgut	2R:+:23287622-23287666	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_82105	YPYAIDEYGR	AGAP002585-PA	-	53	4.87E-05	2	1246.574	0.29	Midgut	2R:+:23286632-23286661	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_90226	VCVRDEEEQWSCEQTHYR	AGAP002585-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	79	6.47E-08	1	2411.027	5.37	Midgut	2R:+:23290061-23290114	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_93575	MTTAPVCPPGTTLR	AGAP002585-PA	M1(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	50	0.000195559	1	1517.747	1.38	Midgut	2R:+:23287733-23287774	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_94641	LSGGQCVLER	AGAP002585-PA	C6(Carbamidomethyl)	77	3.25E-07	2	1118.562	-0.57	Midgut	2R:+:23286881-23286910	exon=> In CDS Exon 3 of transcript AGAP002585-PA
JHU_Ag_3459	HVAVEESVQQLSK	AGAP002586-PA	-	124	6.03E-12	1	1453.760	-3.2	Head	2R:-:23292576-23292538	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_6271	TEVEACEFPSNGPFYR	AGAP002586-PA	C6(Carbamidomethyl)	79	8.36E-08	1	1902.830	-1.64	Head	2R:-:23294137-23294090	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_6282	DGNPPVTTHNVVDDWNDPVLESIR	AGAP002586-PA	-	116	4.37E-11	1	2689.287	0.61	Salivary gland	2R:-:23292933-23292862	exon=> In CDS Exon 3 of transcript AGAP002586-PA

JHU_Ag_6374	SYGIYIVDRR	AGAP002586-PA	-	41	0.000656208	2	1241.669	3.84	Malpighian tubule	2R:-:23292606-23292577	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_8127	IVAHFHEWQAGVGLIALR	AGAP002586-PA	-	107	9.75E-11	1	2017.119	2.97	Malpighian tubule	2R:-:23293722-23293669	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_8280	VGGIYTVIR	AGAP002586-PA	-	59	5.75E-06	2	977.577	-0.7	Salivary gland	2R:-:23294320-23294443,23293865-23294216	exon=> In CDS Exon 2 and 1 of transcript AGAP002586-PA
JHU_Ag_8719	DTINSIQQDIGKR	AGAP002586-PA	-	114	6.00E-11	1	1487.785	2.21	Head	2R:-:23293074-23293036	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_10811	TNNFNVESLR	AGAP002586-PA	-	65	5.04E-06	1	1193.597	4.72	Malpighian tubule	2R:-:23293131-23293102	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_11790	AATHLSHVFTTVSEITGYEAEHLLK	AGAP002586-PA	-	176	2.74E-17	1	2754.424	5.23	Head	2R:-:23293506-23293432	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_14722	AFVSTEELGDQYCLIGPYKEASAR	AGAP002586-PA	C13(Carbamidomethyl)	105	5.23E-10	1	2704.307	5.39	Malpighian tubule	2R:-:23294209-23294138	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_15060	CAEVYSHENEYGPPR	AGAP002586-PA	C1(Carbamidomethyl)	96	1.23E-09	1	1807.772	0.72	Visceras	2R:-:23293767-23293723	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_16495	LSDLLDWR	AGAP002586-PA	-	65	7.29E-06	1	1017.536	-0.66	Salivary gland	2R:-:23292471-23292448	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_16973	VYPDYVDESTEYLK	AGAP002586-PA	-	71	1.27E-06	1	1720.800	2.88	Salivary gland	2R:-:23292324-23292283	exon=> In CDS Exon 4 of transcript AGAP002586-PA
JHU_Ag_18416	CLYALQR	AGAP002586-PA	C1(Carbamidomethyl)	40	0.00100561	1	923.479	2	Visceras	2R:-:23292954-23292934	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_18487	FAAIHEFQNMHAMAK	AGAP002586-PA	M10(Oxidation), M13(Oxidation)	34	0.00485188	1	1777.815	0.28	Visceras	2R:-:23293386-23293342	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_18940	DTINSIQQDIGK	AGAP002586-PA	-	71	1.44E-06	2	1331.682	1.49	Head	2R:-:23293074-23293039	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_19452	VYPDYVDESTEYLK	AGAP002586-PA	-	68	2.62E-06	2	1720.803	4.3	Malpighian tubule	2R:-:23292324-23292283	exon=> In CDS Exon 4 of transcript AGAP002586-PA
JHU_Ag_20651	GADIFIEALAR	AGAP002586-PA	-	75	3.30E-07	2	1175.650	6.79	Pupa	2R:-:23293233-23293201	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_20806	VGGIYTVIR	AGAP002586-PA	-	51	3.83E-05	1	977.579	1.17	Visceras	2R:-:23294320-23294443,23293865-23294216	exon=> In CDS Exon 2 and 1 of transcript AGAP002586-PA
JHU_Ag_22143	QVDVATVFTTHATLLGR	AGAP002586-PA	-	96	1.99E-09	2	1828.996	2.12	Visceras	2R:-:23293662-23293612	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_23104	TNNFNVESLR	AGAP002586-PA	-	43	0.000738349	2	1193.591	0.32	Visceras	2R:-:23293131-23293102	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_25727	HVAVEESVQQLSK	AGAP002586-PA	-	73	6.43E-07	2	1453.770	3.51	Malpighian tubule	2R:-:23292576-23292538	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_28746	RKPDIITPNGLNVK	AGAP002586-PA	-	54	7.40E-06	1	1564.921	2.81	Malpighian tubule	2R:-:23293431-23293390	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_31078	QLRDTINSIQQDIGK	AGAP002586-PA	-	46	0.000216965	3	1728.932	4.64	Malpighian tubule	2R:-:23293083-23293039	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_31221	GADIFIEALAR	AGAP002586-PA	-	66	3.14E-06	2	1175.643	0.45	Salivary gland	2R:-:23293233-23293201	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_34864	SSNSDVTVVAFLIFPAK	AGAP002586-PA	-	80	7.80E-08	2	1794.976	6.71	Malpighian tubule	2R:-:23293182-23293132	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_35426	DGNPPVTTHNVVDDWNDPVLESIRR	AGAP002586-PA	-	86	3.95E-08	1	2845.392	1.98	Head	2R:-:23292933-23292859	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_36143	GHFYGHFNFNIEK	AGAP002586-PA	-	69	1.58E-06	1	1609.762	4.43	Malpighian tubule	2R:-:23293317-23293279	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_38135	KPDIITPNGLNVK	AGAP002586-PA	-	42	0.000135897	1	1408.821	3.59	Malpighian tubule	2R:-:23293428-23293390	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_38492	VYPDYVDESTEYLK	AGAP002586-PA	-	75	4.06E-07	2	1720.797	1.04	Head	2R:-:23292324-23292283	exon=> In CDS Exon 4 of transcript AGAP002586-PA

JHU_Ag_39392	VESSSDLMQFLDR	AGAP002586-PA	-	87	2.84E-08	2	1526.715	-0.39	Head	2R:-:23294422-23294384	exon=> In CDS Exon 1 of transcript AGAP002586-PA
JHU_Ag_40263	AATHLSHVFTTVSEITGYEAEHLLK	AGAP002586-PA	-	37	0.002410408	1	2754.401	-3.1	Midgut	2R:-:23293506-23293432	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_41069	WLVDGNPQIILFDIGSAAWK	AGAP002586-PA	-	143	4.40E-14	1	2243.191	2.42	Visceras	2R:-:23294041-23293982	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_41508	CHLFNTKYDR	AGAP002586-PA	C1(Carbamidomethyl)	49	0.000178215	1	1353.641	2.8	Malpighian tubule	2R:-:23292858-23292829	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_44237	EKIHEFTR	AGAP002586-PA	-	42	0.000805154	1	1059.561	2.94	Malpighian tubule	2R:-:23293341-23293318	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_46909	LSDLLDWR	AGAP002586-PA	-	65	5.37E-06	1	1017.539	2.1	Visceras	2R:-:23292471-23292448	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_49054	GADIFIEALAR	AGAP002586-PA	-	89	1.35E-08	2	1175.646	3.26	Head	2R:-:23293233-23293201	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_49197	YLCAGNTDFYNNLDKFPVDEEAGK	AGAP002586-PA	C3(Carbamidomethyl)	64	3.75E-06	1	2780.264	4.59	Malpighian tubule	2R:-:23293611-23293540	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_53179	QVDVATVFTTHATLLGR	AGAP002586-PA	-	96	1.59E-09	2	1829.003	5.99	Malpighian tubule	2R:-:23293662-23293612	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_54253	LSDLLDWRNLGIYYR	AGAP002586-PA	-	87	1.56E-08	1	1897.009	6.7	Malpighian tubule	2R:-:23292471-23293776,23292222-23292352	exon=> In CDS Exon 4 and 3 of transcript AGAP002586-PA
JHU_Ag_54471	TEVEACEFPSNGPFYR	AGAP002586-PA	C6(Carbamidomethyl), N11(Deamidated),C6(Carbamidomethyl)	117	1.46E-11	1	1902.840	3.55	Malpighian tubule	2R:-:23294137-23294090	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_54811	VYPDYVDESTEYLK	AGAP002586-PA	-	96	3.51E-09	1	1720.797	0.75	Visceras	2R:-:23292324-23292283	exon=> In CDS Exon 4 of transcript AGAP002586-PA
JHU_Ag_57873	YLCAGNTDFYNNLDK	AGAP002586-PA	C3(Carbamidomethyl)	89	8.17E-09	1	1807.791	-2.73	Head	2R:-:23293611-23293567	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_58071	QVDVATVFTTHATLLGR	AGAP002586-PA	-	44	0.000318644	1	1828.997	2.68	Head	2R:-:23293662-23293612	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_61331	GADIFIEALAR	AGAP002586-PA	-	62	8.05E-06	2	1175.646	3.67	Malpighian tubule	2R:-:23293233-23293201	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_61661	HVAVEESVQQLSK	AGAP002586-PA	-	108	2.03E-10	1	1453.765	0.49	Visceras	2R:-:23292576-23292538	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_61675	SYGIYIVDRR	AGAP002586-PA	-	42	0.000594215	1	1241.662	-1.66	Head	2R:-:23292606-23292577	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_62718	AFVSTEELGDQYCLIGPYK	AGAP002586-PA	C13(Carbamidomethyl)	77	2.90E-07	2	2190.059	7.74	Malpighian tubule	2R:-:23294209-23294153	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_62861	VYPDYVDESTEYLKR	AGAP002586-PA	-	64	7.13E-06	1	1876.904	4.31	Visceras	2R:-:23292324-23292280	exon=> In CDS Exon 4 of transcript AGAP002586-PA
JHU_Ag_63384	RKPDIITPNGLNVK	AGAP002586-PA	-	81	1.49E-08	2	1564.920	1.64	Head	2R:-:23293431-23293390	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_64798	SYGIYIVDRR	AGAP002586-PA	-	40	0.000950531	1	1241.666	1.88	Visceras	2R:-:23292606-23292577	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_66223	VYPDYVDESTEYLKR	AGAP002586-PA	-	38	0.002763447	2	1876.903	3.46	Head	2R:-:23292324-23292280	exon=> In CDS Exon 4 of transcript AGAP002586-PA
JHU_Ag_67082	YLCAGNTDFYNNLDKFPVDEEAGK	AGAP002586-PA	C3(Carbamidomethyl)	93	5.13E-09	1	2780.261	3.73	Visceras	2R:-:23293611-23293540	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_67117	KPDIITPNGLNVK	AGAP002586-PA	-	51	1.92E-05	1	1408.817	0.82	Visceras	2R:-:23293428-23293390	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_67177	DTINSIQQDIGK	AGAP002586-PA	-	58	2.74E-05	2	1331.684	3.14	Malpighian tubule	2R:-:23293074-23293039	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_67774	MYETCLQGQLPEGAEILTKEDIVK	AGAP002586-PA	C5(Carbamidomethyl)	92	7.90E-09	1	2765.381	2.53	Visceras	2R:-:23293035-23292964	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_67862	AFVSTEELGDQYCLIGPYK	AGAP002586-PA	C13(Carbamidomethyl)	148	2.52E-14	1	2190.046	1.72	Salivary gland	2R:-:23294209-23294153	exon=> In CDS Exon 2 of transcript AGAP002586-PA

JHU_Ag_68741	DGNPPVTTHNVVDDWNDPVLESIR	AGAP002586-PA	-	72	1.02E-06	1	2689.295	3.54	Head	2R:-:23292933-23292862	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_69828	SKAFVSTEELGDQYCLIGPYK	AGAP002586-PA	C15(Carbamidomethyl)	50	0.000159289	1	2405.182	5.25	Malpighian tubule	2R:-:23294215-23294153	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_72817	GADIFIEALAR	AGAP002586-PA	-	88	2.25E-08	2	1175.644	1.91	Visceras	2R:-:23293233-23293201	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_73021	VYPDYVDESTEYLKR	AGAP002586-PA	-	89	2.42E-08	1	1876.906	4.96	Malpighian tubule	2R:-:23292324-23292280	exon=> In CDS Exon 4 of transcript AGAP002586-PA
JHU_Ag_75834	MYETCLQGQLPEGAEILTKEDIVK	AGAP002586-PA	M1(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	87	2.51E-08	1	2781.389	7.41	Malpighian tubule	2R:-:23293035-23292964	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_78178	VVFHPEFLNSTNPLFGLDYEEFVR	AGAP002586-PA	-	122	8.80E-12	1	2869.424	1.5	Visceras	2R:-:23292822-23292751	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_79418	AATHLSHVFTTVSEITGYEAEHLLK	AGAP002586-PA	-	175	3.02E-17	1	2754.423	4.9	Malpighian tubule	2R:-:23293506-23293432	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_79999	MYETCLQGQLPEGAEILTK	AGAP002586-PA	C5(Carbamidomethyl)	70	1.65E-06	2	2181.063	2.67	Head	2R:-:23293035-23292979	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_81108	LSDLLDWR	AGAP002586-PA	-	50	0.000198273	2	1017.540	3.6	Malpighian tubule	2R:-:23292471-23292448	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_82723	RKPDIITPNGLNVK	AGAP002586-PA	-	88	3.29E-09	1	1564.919	1.1	Visceras	2R:-:23293431-23293390	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_83400	TRQVDVATVFTTHATLLGR	AGAP002586-PA	-	97	9.57E-10	1	2086.151	4.87	Malpighian tubule	2R:-:23293668-23293612	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_84460	TEVEACEFPSNGPFYR	AGAP002586-PA	C6(Carbamidomethyl)	115	2.06E-11	1	1902.831	-0.75	Visceras	2R:-:23294137-23294090	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_87176	DGNPPVTTHNVVDDWNDPVLESIRR	AGAP002586-PA	-	99	1.66E-09	1	2845.397	3.59	Visceras	2R:-:23292933-23292859	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_88628	VVFHPEFLNSTNPLFGLDYEEFVR	AGAP002586-PA	-	86	3.92E-08	1	2869.431	4.12	Malpighian tubule	2R:-:23292822-23292751	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_89467	MYETCLQGQLPEGAEILTK	AGAP002586-PA	C5(Carbamidomethyl)	86	4.31E-08	2	2181.060	1.44	Visceras	2R:-:23293035-23292979	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_89920	DGNPPVTTHNVVDDWNDPVLESIR	AGAP002586-PA	-	106	3.88E-10	1	2689.291	2.25	Visceras	2R:-:23292933-23292862	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_92757	AATHLSHVFTTVSEITGYEAEHLLK	AGAP002586-PA	-	165	3.34E-16	1	2754.422	4.3	Visceras	2R:-:23293506-23293432	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_92941	AFVSTEELGDQYCLIGPYK	AGAP002586-PA	C13(Carbamidomethyl)	112	1.06E-10	1	2190.047	2.16	Head	2R:-:23294209-23294153	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_93181	DTINSIQQDIGKR	AGAP002586-PA	-	115	4.53E-11	1	1487.782	0.57	Visceras	2R:-:23293074-23293036	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_94856	TNNFNVESLRGHAVTK	AGAP002586-PA	-	61	1.04E-05	1	1786.928	4.54	Malpighian tubule	2R:-:23293131-23293084	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_96288	FAAIHEFQNMHAMAK	AGAP002586-PA	M10(Oxidation), M13(Oxidation)	50	0.000124426	1	1777.816	0.49	Head	2R:-:23293386-23293342	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_96451	IHEFTR	AGAP002586-PA	-	34	0.005367747	1	802.423	3.19	Malpighian tubule	2R:-:23293335-23293318	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_96622	DTINSIQQDIGK	AGAP002586-PA	-	75	5.94E-07	2	1331.681	0.48	Visceras	2R:-:23293074-23293039	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_98599	SSNSDVTVVAFLIFPAK	AGAP002586-PA	-	76	2.05E-07	2	1794.969	2.77	Visceras	2R:-:23293182-23293132	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_100302	KPDIITPNGLNVKK	AGAP002586-PA	-	30	0.001138656	1	1536.915	2.53	Malpighian tubule	2R:-:23293428-23293387	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_100798	LSDLLDWR	AGAP002586-PA	-	40	0.001958182	2	1017.539	2.04	Head	2R:-:23292471-23292448	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_101868	TLYMFIAGR	AGAP002586-PA	-	47	0.000187759	2	1071.569	2.72	Visceras	2R:-:23293278-23293252	exon=> In CDS Exon 3 of transcript AGAP002586-PA

JHU_Ag_102089	DGNPPVTTHNVVDDWNDPVLESIR	AGAP002586-PA	-	124	5.97E-12	1	2689.304	6.74	Malpighian tubule	2R:-:23292933-23292862	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_102454	TNNFNVESLR	AGAP002586-PA	-	51	0.000125052	2	1193.595	3.19	Salivary gland	2R:-:23293131-23293102	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_107039	AFVSTEELGDQYCLIGPYK	AGAP002586-PA	C13(Carbamidomethyl)	115	5.22E-11	1	2190.047	1.94	Visceras	2R:-:23294209-23294153	exon=> In CDS Exon 2 of transcript AGAP002586-PA
JHU_Ag_107404	DGNPPVTTHNVVDDWNDPVLESIRR	AGAP002586-PA	-	107	3.07E-10	1	2845.399	4.36	Malpighian tubule	2R:-:23292933-23292859	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_107812	HVAVEESVQQLSK	AGAP002586-PA	-	106	3.22E-10	1	1453.767	1.42	Salivary gland	2R:-:23292576-23292538	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_109010	VESSSDLMQFLDR	AGAP002586-PA	M8(Oxidation)	120	1.57E-11	2	1526.721	3.61	Visceras	2R:-:23294422-23294384	exon=> In CDS Exon 1 of transcript AGAP002586-PA
JHU_Ag_109038	DTINSIQQDIGKR	AGAP002586-PA	-	81	1.20E-07	1	1487.781	-0.09	Salivary gland	2R:-:23293074-23293036	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_114835	DTINSIQQDIGKR	AGAP002586-PA	-	93	6.98E-09	1	1487.788	4.67	Malpighian tubule	2R:-:23293074-23293036	exon=> In CDS Exon 3 of transcript AGAP002586-PA
JHU_Ag_61032	ASSIPGLGNWSGPVVVSDSTER	AGAP002587-PA	-	141	1.36E-13	1	2215.106	3.24	Malpighian tubule	2R:-:23308416-23308351	exon=> In CDS Exon 2 of transcript AGAP002587-PA
JHU_Ag_89295	SMDAFGFR	AGAP002587-PA	-	40	0.000444071	2	930.417	3.14	Malpighian tubule	2R:-:23308680-23308657	exon=> In CDS Exon 2 of transcript AGAP002587-PA
JHU_Ag_97907	VPLEYDPVPTSAPVAVAASDEKPPKTEDDFQELPAGQGLSQR	AGAP002587-PA	-	140	7.92E-14	1	4449.222	2.8	Salivary gland	2R:-:23308569-23308444	exon=> In CDS Exon 2 of transcript AGAP002587-PA
JHU_Ag_46139	TPNLPDNQTVIER	AGAP002592-PA	N7(Deamidated)	52	8.62E-05	2	1497.763	5.72	Pupa	2R:+:23676923-23676961	exon=> In CDS Exon 3 of transcript AGAP002592-PA
JHU_Ag_1178	DCDCGYATYTPLADGSVR	AGAP002593-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	46	9.62E-05	2	2020.840	1.02	Head	2R:+:23677921-23677974	exon=> In CDS Exon 2 of transcript AGAP002593-PA
JHU_Ag_1764	IVSQPCPDPANRPVVQYFDLQR	AGAP002593-PA	C6(Carbamidomethyl)	74	6.15E-07	1	2599.310	0.33	Male reproductive organs	2R:+:23677724-23677789	exon=> In CDS Exon 1 of transcript AGAP002593-PA
JHU_Ag_2200	IVSQPCPDPANRPVVQYFDLQR	AGAP002593-PA	C6(Carbamidomethyl)	112	9.90E-11	1	2599.310	0.47	Ovary	2R:+:23677724-23677789	exon=> In CDS Exon 1 of transcript AGAP002593-PA
JHU_Ag_28845	TIHPSVQDTVNGLVDKYFVR	AGAP002593-PA	-	51	7.72E-05	1	2288.206	1.1	Ovary	2R:+:23678309-23678368	exon=> In CDS Exon 3 of transcript AGAP002593-PA
JHU_Ag_35290	AVVSYPDVFPLEGR	AGAP002593-PA	-	51	0.000128584	1	1548.806	0.22	Male reproductive organs	2R:+:23678032-23678073	exon=> In CDS Exon 2 of transcript AGAP002593-PA
JHU_Ag_39546	AVVSYPDVFPLEGR	AGAP002593-PA	-	45	0.000420599	2	1548.811	3.53	Visceras	2R:+:23678032-23678073	exon=> In CDS Exon 2 of transcript AGAP002593-PA
JHU_Ag_44707	SAEAAWVLSK	AGAP002593-PA	-	69	1.99E-06	2	1061.566	3.36	Larva	2R:+:23678273-23678302	exon=> In CDS Exon 3 of transcript AGAP002593-PA
JHU_Ag_54409	AVVSYPDVFPLEGR	AGAP002593-PA	-	38	0.002635382	1	1548.809	1.87	Pupa	2R:+:23678032-23678073	exon=> In CDS Exon 2 of transcript AGAP002593-PA
JHU_Ag_100244	DCDCGYATYTPLADGSVR	AGAP002593-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	58	5.24E-06	2	2020.838	-0.01	Male reproductive organs	2R:+:23677921-23677974	exon=> In CDS Exon 2 of transcript AGAP002593-PA
JHU_Ag_111491	NLSESK	AGAP002593-PA	-	43	0.000696236	1	677.347	0.49	Male reproductive organs	2R:+:23678255-23678272	exon=> In CDS Exon 3 of transcript AGAP002593-PA
JHU_Ag_117514	IVSQPCPDPANRPVVQYFDLQR	AGAP002593-PA	C6(Carbamidomethyl)	93	6.21E-09	1	2599.325	6.39	Larva	2R:+:23677724-23677789	exon=> In CDS Exon 1 of transcript AGAP002593-PA
JHU_Ag_15666	QSYQVGDESEPIYR	AGAP002594-PA	-	63	6.67E-06	2	1670.768	1.22	Salivary gland	2R:+:23681526-23681567	exon=> In CDS Exon 2 of transcript AGAP002594-PA
JHU_Ag_29606	QSYQVGDESEPIYR	AGAP002594-PA	-	99	1.76E-09	2	1670.771	2.91	Malpighian tubule	2R:+:23681526-23681567	exon=> In CDS Exon 2 of transcript AGAP002594-PA
JHU_Ag_70187	NVVELVNLFLESR	AGAP002594-PA	-	99	1.05E-09	1	1531.848	0.24	Ovary	2R:+:23682113-23682151	exon=> In CDS Exon 4 of transcript AGAP002594-PA
JHU_Ag_84389	QSYQVGDESEPIYR	AGAP002594-PA	-	91	1.03E-08	1	1670.764	-0.89	Ovary	2R:+:23681526-23681567	exon=> In CDS Exon 2 of transcript AGAP002594-PA
JHU_Ag_103592	NVVELVNLFLESR	AGAP002594-PA	-	100	5.40E-10	2	1531.861	8.29	Salivary gland	2R:+:23682113-23682151	exon=> In CDS Exon 4 of transcript AGAP002594-PA

JHU_Ag_111354	LGEQGSFEIR	AGAP002594-PA	-	74	7.28E-07	2	1135.573	-0.97	Ovary	2R:+:23681496-23681525	exon=> In CDS Exon 2 of transcript AGAP002594-PA
JHU_Ag_115506	NVVELVNLFLESR	AGAP002594-PA	-	47	0.000137982	2	1531.853	3.51	Pupa	2R:+:23682113-23682151	exon=> In CDS Exon 4 of transcript AGAP002594-PA
JHU_Ag_2413	VSGTLQMGSSMIVNQR	AGAP002595-PA	M7(Oxidation), M11(Oxidation)	58	2.85E-05	2	1739.843	0.93	Male reproductive organs	2R:-:23695753-23695706	exon=> In CDS Exon 3 of transcript AGAP002595-PA
JHU_Ag_16735	ALGTVCYR	AGAP002595-PA	C6(Carbamidomethyl)	47	0.000244576	1	939.471	-0.23	Male reproductive organs	2R:-:23695696-23695673	exon=> In CDS Exon 3 of transcript AGAP002595-PA
JHU_Ag_110527	FPWPFTWTSGVR	AGAP002595-PA	-	58	2.72E-05	1	1480.742	2.95	Male reproductive organs	2R:-:23696820-23696785	exon=> In CDS Exon 1 of transcript AGAP002595-PA
JHU_Ag_114857	GAQHTNVAFAGR	AGAP002595-PA	-	59	1.32E-05	1	1228.623	3.68	Male reproductive organs	2R:-:23696202-23696496,23695505-23695826	exon=> In CDS Exon 3 and 2 of transcript AGAP002595-PA
JHU_Ag_8353	MAASDVVLYGR	AGAP002596-PA	M1(Oxidation)	87	2.09E-08	1	1197.597	3.48	Larva	2R:+:23723843-23723875	exon=> In CDS Exon 2 of transcript AGAP002596-PA
JHU_Ag_8819	MLGEILILLPR	AGAP002597-PA	M1(Oxidation)	42	0.000143199	2	1283.783	6.03	Larva	2R:-:23773957-23773925	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_10492	MLGEILILLPR	AGAP002597-PA	M1(Oxidation)	62	1.90E-06	2	1283.776	0.42	Midgut	2R:-:23773957-23773925	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_22092	LLEDSVVEVR	AGAP002597-PA	-	59	2.02E-05	2	1158.635	-1.28	Midgut	2R:-:23769830-23769801	exon=> In CDS Exon 6 of transcript AGAP002597-PA
JHU_Ag_39679	LFEPNVAGQLVGCLVR	AGAP002597-PA	C13(Carbamidomethyl)	37	0.001403803	1	1771.966	7.92	Malpighian tubule	2R:-:23773156-23773109	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_43540	MLGEILILLPR	AGAP002597-PA	M1(Oxidation)	51	1.92E-05	1	1283.779	2.89	Malpighian tubule	2R:-:23773957-23773925	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_45585	LAILLQKDPEPPKPK	AGAP002597-PA	-	64	1.93E-07	1	1687.020	2.77	Malpighian tubule	2R:-:23770390-23770346	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_50864	NLVTYIK	AGAP002597-PA	-	28	0.007421103	1	850.505	1.57	Head	2R:-:23776199-23776505,23775963-23776094	exon=> In CDS Exon 2 and 1 of transcript AGAP002597-PA
JHU_Ag_84286	LAILLQK	AGAP002597-PA	-	25	0.003138511	2	798.544	-1.23	Midgut	2R:-:23770390-23770370	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_92887	LAILLQK	AGAP002597-PA	-	41	0.000105227	2	798.544	-0.69	Ovary	2R:-:23770390-23770370	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_108692	LAILLQK	AGAP002597-PA	-	30	0.001531539	2	798.545	0.68	Pupa	2R:-:23770390-23770370	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_115167	LAILLQK	AGAP002597-PA	-	31	0.001153793	1	798.547	2.44	Malpighian tubule	2R:-:23770390-23770370	exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_62363	TLFELQKNGK	AGAP002598-PA	Q6(Deamidated), N8(Deamidated)	32	0.005282161	1	1179.637	9.48	Visceras	2R:+:23778068-23778097	exon=> In CDS Exon 1 of transcript AGAP002598-PA
JHU_Ag_47351	DVDIATTATPTEMK	AGAP002600-PA	M13(Oxidation)	94	6.28E-09	2	1508.719	2.47	Head	2R:+:23784471-23784512	exon=> In CDS Exon 2 of transcript AGAP002600-PA
JHU_Ag_55745	DLIALFER	AGAP002600-PA	-	45	0.000370062	2	976.545	-0.89	Ovary	2R:+:23784300-23784323	exon=> In CDS Exon 1 of transcript AGAP002600-PA
JHU_Ag_98804	LQPITVLSALLNTPEDAVNLNMR	AGAP002600-PA	M22(Oxidation)	131	3.89E-13	1	2538.357	-1.13	Ovary	2R:+:23785182-23785250	exon=> In CDS Exon 3 of transcript AGAP002600-PA
JHU_Ag_111962	DLIALFER	AGAP002600-PA	-	48	0.000144452	2	976.546	-0.51	Malpighian tubule	2R:+:23784300-23784323	exon=> In CDS Exon 1 of transcript AGAP002600-PA
JHU_Ag_27830	DADVTYVPCSGLTGENLVK	AGAP002603-PA	C9(Carbamidomethyl)	35	0.005327015	2	2037.978	-0.98	Head	2R:+:23829898-23829954	exon=> In CDS Exon 5 of transcript AGAP002603-PA
JHU_Ag_47627	GYPVLLHHQSLIEPATIR	AGAP002603-PA	-	53	1.99E-05	1	2044.134	-0.15	Head	2R:+:23830446-23830499	exon=> In CDS Exon 6 of transcript AGAP002603-PA
JHU_Ag_65026	EQAVVK	AGAP002603-PA	-	35	0.0057284	1	673.380	-11.89	Larva	2R:+:23830236-23830253	exon=> In CDS Exon 6 of transcript AGAP002603-PA
JHU_Ag_91432	DIEEEDDDELAAETGR	AGAP002603-PA	-	123	2.10E-12	1	1806.758	3.57	Head	2R:+:23826732-23826779	exon=> In CDS Exon 2 of transcript AGAP002603-PA

JHU_Ag_113948	IVVFNIKVPITR	AGAP002603-PA	-	23	0.000460257	1	1398.892	5.94	Malpighian tubule	2R:+:23830410-23830445	exon=> In CDS Exon 6 of transcript AGAP002603-PA
JHU_Ag_1416	IGCGIDGLEWGK	AGAP002604-PA	C3(Carbamidomethyl)	76	4.28E-07	1	1304.634	2.71	Visceras	2R:-:23831085-23831050	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_9204	MGAGIAVR	AGAP002604-PA	M1(Oxidation)	37	0.003566749	2	790.424	0.17	Ovary	2R:-:23831328-23831305	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_20028	EIEGDLFSAPK	AGAP002604-PA	-	63	8.17E-06	2	1205.605	0.1	Male reproductive organs	2R:-:23831400-23831368	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_45569	IGCGIDGLEWGK	AGAP002604-PA	C3(Carbamidomethyl)	66	4.08E-06	2	1304.631	0.46	Ovary	2R:-:23831085-23831050	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_48109	EIEGDLFSAPK	AGAP002604-PA	-	58	2.69E-05	2	1205.606	0.7	Ovary	2R:-:23831400-23831368	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_49228	TYNLKPTYDDLTK	AGAP002604-PA	-	46	0.000391172	1	1571.794	-0.66	Ovary	2R:-:23831187-23831149	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_57548	YVYYLITK	AGAP002604-PA	-	56	2.45E-05	1	1062.588	0.53	Ovary	2R:-:23831214-23831191	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_80417	DHSLAHCVAADLK	AGAP002604-PA	C7(Carbamidomethyl)	102	9.61E-10	1	1436.705	6.61	Ovary	2R:-:23831367-23831329	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_96408	TYNLKPTYDDLTK	AGAP002604-PA	-	47	0.000257254	2	1571.796	0.55	Head	2R:-:23831187-23831149	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_101050	KTYNLKPTYDDLTK	AGAP002604-PA	-	37	0.002356032	1	1699.894	2.45	Male reproductive organs	2R:-:23831190-23831149	exon=> In CDS Exon 1 of transcript AGAP002604-PA
JHU_Ag_25446	AFVVLR	AGAP002605-PA	-	26	0.002847034	1	704.445	-0.05	Midgut	2R:+:23832108-23832125	exon=> In CDS Exon 2 of transcript AGAP002605-PA
JHU_Ag_39810	AFVVLR	AGAP002605-PA	-	24	0.003966365	1	704.446	0.64	Pupa	2R:+:23832108-23832125	exon=> In CDS Exon 2 of transcript AGAP002605-PA
JHU_Ag_920	HPLALEQYLMEGR	AGAP002606-PA	M10(Oxidation)	52	9.08E-05	2	1572.783	-0.45	Midgut	2R:-:23835863-23835825	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_10790	HPLALEQYLMEGR	AGAP002606-PA	M10(Oxidation)	73	7.97E-07	1	1572.782	-1.47	Head	2R:-:23835863-23835825	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_12640	VAEFHTELELLPADIIQTNAFIR	AGAP002606-PA	-	100	6.06E-10	1	2640.414	3.97	Ovary	2R:-:23835932-23835864	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_13049	LCGTILDKLK	AGAP002606-PA	C2(Carbamidomethyl)	73	2.58E-07	1	1160.672	1.27	Male reproductive organs	2R:-:23836386-23836357	exon=> In CDS Exon 1 of transcript AGAP002606-PA
JHU_Ag_14635	WFYYDYNTLIGESK	AGAP002606-PA	-	82	7.70E-08	1	1798.834	0.96	Midgut	2R:-:23836100-23836256,23835495-23835987	exon=> In CDS Exon 3 and 2 of transcript AGAP002606-PA
JHU_Ag_18735	NEIGACLESSYER	AGAP002606-PA	C6(Carbamidomethyl)	68	1.10E-06	2	1527.674	-0.54	Salivary gland	2R:-:23835740-23835702	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_26356	YQLLGLNLLFLLSQNR	AGAP002606-PA	-	86	4.89E-09	1	1905.098	1.36	Ovary	2R:-:23835980-23835933	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_49498	NEIGACLESSYER	AGAP002606-PA	C6(Carbamidomethyl)	54	3.32E-05	2	1527.674	-0.22	Head	2R:-:23835740-23835702	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_55887	VALAGMSYIPTGNAQANQQELLIAR	AGAP002606-PA	M6(Oxidation)	72	5.49E-07	1	2645.374	0.99	Male reproductive organs	2R:-:23836256-23836182	exon=> In CDS Exon 2 of transcript AGAP002606-PA
JHU_Ag_59060	MESTVALYK	AGAP002606-PA	N-Term(Acetyl), M1(Oxidation)	53	4.95E-05	2	1099.533	-1.27	Salivary gland	2R:-:23836455-23836429	exon=> In CDS Exon 1 of transcript AGAP002606-PA
JHU_Ag_67376	EPIPSQELAEQAIMYAR	AGAP002606-PA	M14(Oxidation)	85	5.48E-08	1	1961.966	1.24	Ovary	2R:-:23835566-23835516	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_69807	EPIPSQELAEQAIMYAR	AGAP002606-PA	M14(Oxidation)	79	1.99E-07	2	1961.970	3.05	Male reproductive organs	2R:-:23835566-23835516	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_71734	HPLALEQYLMEGR	AGAP002606-PA	M10(Oxidation)	56	4.05E-05	1	1572.785	0.75	Ovary	2R:-:23835863-23835825	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_88567	HPLALEQYLMEGR	AGAP002606-PA	M10(Oxidation)	59	1.98E-05	2	1572.787	1.8	Salivary gland	2R:-:23835863-23835825	exon=> In CDS Exon 3 of transcript AGAP002606-PA

JHU_Ag_98164	GNVPAESYNFFIDILLQTVR	AGAP002606-PA	-	48	0.000161582	2	2296.191	-2.76	Midgut	2R:-:23835800-23835741	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_105986	VALAGMSYIPTGNAQANQQELLIAR	AGAP002606-PA	M6(Oxidation)	114	3.47E-11	1	2645.370	-0.67	Ovary	2R:-:23836256-23836182	exon=> In CDS Exon 2 of transcript AGAP002606-PA
JHU_Ag_107525	VAEFHTELELLPADIIQTNAFIR	AGAP002606-PA	-	67	1.48E-06	3	2640.403	-0.26	Midgut	2R:-:23835932-23835864	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_111086	WFYYDYNTLIGESK	AGAP002606-PA	-	57	2.74E-05	2	1798.836	1.84	Salivary gland	2R:-:23836100-23836256,23835495-23835987	exon=> In CDS Exon 3 and 2 of transcript AGAP002606-PA
JHU_Ag_116179	NEIGACLESSYER	AGAP002606-PA	C6(Carbamidomethyl)	101	5.91E-10	1	1527.676	1.22	Ovary	2R:-:23835740-23835702	exon=> In CDS Exon 3 of transcript AGAP002606-PA
JHU_Ag_4358	ARPATNELSENDVVDFEDVLQK	AGAP002607-PA	-	114	6.76E-11	1	2489.215	-0.3	Ovary	2R:+:23839245-23839310	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_19330	VTLYETWNVLHIR	AGAP002607-PA	-	84	4.70E-08	1	1643.894	2.29	Ovary	2R:+:23839794-23839832	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_24076	TGTGGGGGGGAPPMANR	AGAP002607-PA	M14(Oxidation)	45	0.000286927	2	1430.650	3.84	Malpighian tubule	2R:+:23838873-23838923	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_25720	SVHESNQSSQEGESEDNYELEDKKPNR	AGAP002607-PA	-	67	1.67E-06	1	3135.386	4.12	Malpighian tubule	2R:+:23838702-23838782	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_28735	LTKPSPTITIVNVSDIIK	AGAP002607-PA	-	76	2.12E-08	2	1939.149	0.95	Ovary	2R:+:23838942-23838995	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_32259	GDTYSLNVNGQSCK	AGAP002607-PA	C13(Carbamidomethyl)	55	2.81E-05	1	1542.686	0.32	Ovary	2R:+:23840124-23840165	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_45323	AAELNEEPKPQESQQSK	AGAP002607-PA	N5(Deamidated)	55	4.16E-05	1	1913.914	2.78	Head	2R:+:23838624-23838674	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_48219	SSTSFQTLAR	AGAP002607-PA	-	65	3.85E-06	2	1097.560	1.48	Malpighian tubule	2R:+:23838783-23838812	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_49887	NIVSADKDTR	AGAP002607-PA	-	35	0.004800435	2	1118.580	-0.29	Ovary	2R:+:23839311-23839340	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_50213	KAAELNEEPKPQESQQSK	AGAP002607-PA	N6(Deamidated)	65	5.33E-06	1	2042.012	4.19	Malpighian tubule	2R:+:23838621-23838674	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_63368	SVVSSTPQTDGQPR	AGAP002607-PA	-	57	3.47E-05	2	1458.722	2.72	Malpighian tubule	2R:+:23837892-23837933	exon=> In CDS Exon 1 of transcript AGAP002607-PA
JHU_Ag_91106	TLLEKR	AGAP002607-PA	-	32	0.00370166	1	759.479	8.34	Malpighian tubule	2R:+:23839938-23839955	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_99597	LTKPSPTITIVNVSDIIK	AGAP002607-PA	-	43	3.99E-05	3	1939.154	3.4	Malpighian tubule	2R:+:23838942-23838995	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_102697	TLLEKR	AGAP002607-PA	-	32	0.003667723	1	759.479	8.1	Salivary gland	2R:+:23839938-23839955	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_110434	RSVVSSTPQTDGQPR	AGAP002607-PA	Q13(Deamidated)	35	0.004358659	1	1615.815	7.06	Pupa	2R:+:23837889-23837933	exon=> In CDS Exon 1 of transcript AGAP002607-PA
JHU_Ag_112723	SVVSSTPQTDGQPR	AGAP002607-PA	-	50	0.000142455	2	1458.718	-0.29	Ovary	2R:+:23837892-23837933	exon=> In CDS Exon 1 of transcript AGAP002607-PA
JHU_Ag_113974	KRPISLEHLQK	AGAP002607-PA	-	34	0.000562774	1	1348.810	3.08	Malpighian tubule	2R:+:23839152-23839184	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_115719	TSPTAATPVLKR	AGAP002607-PA	-	39	0.000900929	1	1241.711	-8.61	Salivary gland	2R:+:23838585-23838620	exon=> In CDS Exon 2 of transcript AGAP002607-PA
JHU_Ag_10902	ALDDNGDGQVYHVKPLKVDK	AGAP002608-PA	-	54	4.43E-05	1	2211.143	1.28	Malpighian tubule	2R:-:23842102-23842043	exon=> In CDS Exon 3 of transcript AGAP002608-PA
JHU_Ag_16357	GISILNAAPADTNLPR	AGAP002608-PA	-	48	0.000103312	1	1622.889	1.67	Male reproductive organs	2R:-:23842411-23842364	exon=> In CDS Exon 2 of transcript AGAP002608-PA
JHU_Ag_49261	ALDDNGDGQVYHVKPLKVDK	AGAP002608-PA	-	61	8.54E-06	1	2211.142	0.45	Midgut	2R:-:23842102-23842043	exon=> In CDS Exon 3 of transcript AGAP002608-PA
JHU_Ag_57388	LGNCIAAANR	AGAP002608-PA	C4(Carbamidomethyl)	43	0.000888382	2	1059.539	2.4	Malpighian tubule	2R:-:23841871-23841842	exon=> In CDS Exon 4 of transcript AGAP002608-PA

JHU_Ag_66276	VAAWSVQIPGTQSSFPR	AGAP002608-PA	-	94	6.27E-09	1	1830.951	0.71	Midgut	2R:-:23841841-23841791	exon=> In CDS Exon 4 of transcript AGAP002608-PA
JHU_Ag_73072	VGETLHGTR	AGAP002608-PA	-	58	1.50E-05	2	969.513	1.59	Malpighian tubule	2R:-:23842804-23842778	exon=> In CDS Exon 2 of transcript AGAP002608-PA
JHU_Ag_78036	VGETLHGTR	AGAP002608-PA	-	64	3.76E-06	2	969.511	0.08	Midgut	2R:-:23842804-23842778	exon=> In CDS Exon 2 of transcript AGAP002608-PA
JHU_Ag_88026	GISILNAAPADTNLPR	AGAP002608-PA	-	68	1.08E-06	1	1622.888	1.07	Ovary	2R:-:23842411-23842364	exon=> In CDS Exon 2 of transcript AGAP002608-PA
JHU_Ag_93697	GISILNAAPADTNLPR	AGAP002608-PA	-	80	6.50E-08	1	1622.890	2.42	Malpighian tubule	2R:-:23842411-23842364	exon=> In CDS Exon 2 of transcript AGAP002608-PA
JHU_Ag_11974	FTYELSDGQIR	AGAP002613-PA	-	74	5.32E-07	2	1328.645	-2.05	Midgut	2R:-:24143811-24143979,24143439-24143652	exon=> In CDS Exon 2 and 1 of transcript AGAP002613-PA
JHU_Ag_15970	VGTGPTGGIQAGQDAPVASA	AGAP002613-PA	-	56	3.65E-05	1	1753.875	1.74	Malpighian tubule	2R:-:24143501-24143442	exon=> In CDS Exon 2 of transcript AGAP002613-PA
JHU_Ag_28878	FTYELSDGQIR	AGAP002613-PA	-	68	2.12E-06	1	1328.648	-0.21	Head	2R:-:24143811-24143979,24143439-24143652	exon=> In CDS Exon 2 and 1 of transcript AGAP002613-PA
JHU_Ag_55817	YYSENNGLDGYK	AGAP002613-PA	-	93	3.47E-09	1	1422.617	0.1	Head	2R:-:24143847-24143812	exon=> In CDS Exon 1 of transcript AGAP002613-PA
JHU_Ag_63648	VGTGPTGGIQAGQDAPVASA	AGAP002613-PA	-	35	0.005514647	2	1753.871	-0.2	Head	2R:-:24143501-24143442	exon=> In CDS Exon 2 of transcript AGAP002613-PA
JHU_Ag_95697	YYSENNGLDGYKFTYELSDGQIR	AGAP002613-PA	-	98	2.02E-09	1	2732.258	3.98	Malpighian tubule	2R:-:24143847-24143979,24143439-24143652	exon=> In CDS Exon 2 and 1 of transcript AGAP002613-PA
JHU_Ag_107283	YYSENNGLDGYK	AGAP002613-PA	N6(Deamidated)	51	3.57E-05	2	1423.597	-2.74	Midgut	2R:-:24143847-24143812	exon=> In CDS Exon 1 of transcript AGAP002613-PA
JHU_Ag_113708	YYSENNGLDGYKFTYELSDGQIR	AGAP002613-PA	-	142	8.03E-14	1	2732.251	1.36	Head	2R:-:24143847-24143979,24143439-24143652	exon=> In CDS Exon 2 and 1 of transcript AGAP002613-PA
JHU_Ag_42712	MQILLNK	AGAP002614-PA	N6(Deamidated)	30	0.010205237	1	860.502	12.8	Midgut	2R:-:24164292-24164272	exon=> In CDS Exon 6 of transcript AGAP002614-PA
JHU_Ag_92019	VLAQNEFLGIVEEK	AGAP002614-PA	-	38	0.001438096	1	1588.876	11.03	Midgut	2R:-:24167592-24167755,24165653-24167456	exon=> In CDS Exon 4 and 3 of transcript AGAP002614-PA
JHU_Ag_758	GSETIIIR	AGAP002618-PA	-	34	0.006036159	1	888.515	-0.41	Head	2R:-:24242196-24242173	exon=> In CDS Exon 2 of transcript AGAP002618-PA
JHU_Ag_1259	EILSALPKLIK	AGAP002618-PA	-	18	0.004843076	1	1224.804	9.07	Pupa	2R:-:24241973-24241941	exon=> In CDS Exon 3 of transcript AGAP002618-PA
JHU_Ag_3796	HLHSNLPPTLTNSQVSSVR	AGAP002618-PA	-	76	2.76E-07	1	2087.102	1.22	Ovary	2R:-:24244056-24244000	exon=> In CDS Exon 2 of transcript AGAP002618-PA
JHU_Ag_36683	EILSALPKLIK	AGAP002618-PA	-	25	0.00106444	1	1224.805	9.87	Visceras	2R:-:24241973-24241941	exon=> In CDS Exon 3 of transcript AGAP002618-PA
JHU_Ag_70853	IVEALNEAQLATSGQK	AGAP002618-PA	-	68	1.67E-06	2	1671.898	3.73	Ovary	2R:-:24244779-24244732	exon=> In CDS Exon 2 of transcript AGAP002618-PA
JHU_Ag_74947	IITAFGASFINPVR	AGAP002618-PA	-	83	2.04E-08	2	1505.850	1.88	Ovary	2R:-:24243024-24242983	exon=> In CDS Exon 2 of transcript AGAP002618-PA
JHU_Ag_114201	AIEGPIR	AGAP002618-PA	-	30	0.005330982	1	755.442	1.35	Malpighian tubule	2R:-:24242271-24242251	exon=> In CDS Exon 2 of transcript AGAP002618-PA
JHU_Ag_2515	SLGVSVDLEDGR	AGAP002619-PA	-	45	0.000551478	2	1246.629	1.51	Malpighian tubule	2R:+:24247918-24247953	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_3189	AIQAEPR	AGAP002619-PA	-	37	0.000873456	2	784.433	2	Malpighian tubule	2R:+:24248140-24248160	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_4395	AAEAVNDTHPK	AGAP002619-PA	-	83	8.15E-08	1	1152.566	1.75	Malpighian tubule	2R:+:24248617-24248649	exon=> In CDS Exon 2 of transcript AGAP002619-PA

JHU_Ag_5737	GATPTTAAVTATPPSK	AGAP002619-PA	-	119	1.27E-11	1	1470.782	1.27	Malpighian tubule	2R:+:24247978-24248025	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_5992	LVVLVDSELPKEYTR	AGAP002619-PA	-	35	0.001222894	3	1760.979	-0.35	Ovary	2R:+:24248164-24248208	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_6704	AMEVDTQDGGK	AGAP002619-PA	-	39	0.000843305	2	1150.504	-0.31	Malpighian tubule	2R:+:24248584-24248616	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_8469	KASDDEVTETVDASK	AGAP002619-PA	-	115	4.03E-11	1	1594.745	0.22	Malpighian tubule	2R:+:24249037-24249081	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_11388	VEIESNGSVVDATVDTTTPK	AGAP002619-PA	-	146	3.75E-14	1	2062.024	2.66	Ovary	2R:+:24248881-24248940	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_14501	KLVVLVDSELPK	AGAP002619-PA	-	79	2.15E-08	2	1339.825	4.3	Ovary	2R:+:24248161-24248196	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_15208	VNEDVAAPAIGPDTEQK	AGAP002619-PA	-	105	5.19E-10	1	1753.865	2.66	Ovary	2R:+:24249127-24249177	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_15358	EETSQDKPPAEEK	AGAP002619-PA	-	61	8.08E-06	2	1487.687	0.9	Ovary	2R:+:24248545-24248583	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_20590	SLGVSVDLEDGR	AGAP002619-PA	-	66	4.67E-06	2	1246.631	3.17	Ovary	2R:+:24247918-24247953	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_20868	KEVSEPAAAATAGGVNSAESANHENAK	AGAP002619-PA	-	86	3.58E-08	1	2610.241	0.75	Malpighian tubule	2R:+:24248941-24249021	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_22211	GATPTTAAVTATPPSK	AGAP002619-PA	-	86	2.93E-08	2	1470.781	0.44	Head	2R:+:24247978-24248025	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_23084	VTNPEPK	AGAP002619-PA	-	35	0.001999286	1	784.424	4.89	Ovary	2R:+:24249106-24249126	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_23493	TESAAEAQSNEK	AGAP002619-PA	-	90	9.74E-09	1	1264.571	4.55	Ovary	2R:+:24248650-24248685	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_23918	AAEAVNDTHPK	AGAP002619-PA	-	79	2.05E-07	1	1152.563	-1.32	Salivary gland	2R:+:24248617-24248649	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_29078	AMEVDTQDGGK	AGAP002619-PA	M2(Oxidation)	65	1.68E-06	1	1166.500	0.39	Salivary gland	2R:+:24248584-24248616	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_30556	DADAAAPASDAPAKEETSQDKPPAEEK	AGAP002619-PA	-	149	1.65E-14	1	2739.270	3.72	Ovary	2R:+:24248503-24248583	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_36517	DVVMEDVSVQEVGK	AGAP002619-PA	M4(Oxidation)	117	3.65E-11	1	1549.743	0.71	Malpighian tubule	2R:+:24248695-24248736	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_37646	AATTEPAEKVEEK	AGAP002619-PA	-	87	3.17E-08	1	1402.711	3.84	Ovary	2R:+:24248323-24248361	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_43793	AVEAFQKESEELLK	AGAP002619-PA	-	97	2.11E-09	1	1620.858	6.36	Malpighian tubule	2R:+:24247876-24247917	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_45593	GATPTTAAVTATPPSKR	AGAP002619-PA	-	85	3.04E-08	1	1626.883	1.49	Ovary	2R:+:24247978-24248028	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_47946	KEVSEPAAAATAGGVNSAESANHENAK	AGAP002619-PA	-	226	3.67E-22	1	2610.250	4.26	Ovary	2R:+:24248941-24249021	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_47978	DVVMEDVSVQEVGK	AGAP002619-PA	M4(Oxidation)	94	6.13E-09	1	1549.747	3.23	Ovary	2R:+:24248695-24248736	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_49988	AVEAFQK	AGAP002619-PA	-	52	8.83E-05	1	792.428	3.34	Ovary	2R:+:24247876-24247896	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_50387	KLVVLVDSELPK	AGAP002619-PA	-	93	8.56E-10	2	1339.824	3.03	Malpighian tubule	2R:+:24248161-24248196	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_51044	GATPTTAAVTATPPSK	AGAP002619-PA	-	72	5.42E-07	2	1470.782	1.18	Salivary gland	2R:+:24247978-24248025	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_51165	EETSQDKPPAEEK	AGAP002619-PA	-	49	0.000152203	1	1487.686	0.09	Head	2R:+:24248545-24248583	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_59909	AAEAVNDTHPK	AGAP002619-PA	-	60	1.64E-05	2	1152.564	-0.58	Male reproductive organs	2R:+:24248617-24248649	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_60468	DADAAAPASDAPAKEETSQDKPPAEEK	AGAP002619-PA	-	109	1.40E-10	1	2739.259	0.04	Head	2R:+:24248503-24248583	exon=> In CDS Exon 2 of transcript AGAP002619-PA

JHU_Ag_60826	KASDDEVTETVDASK	AGAP002619-PA	-	135	4.11E-13	1	1594.752	4.5	Ovary	2R:+:24249037-24249081	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_61726	KASDDEVTETVDASK	AGAP002619-PA	-	83	7.04E-08	2	1594.746	1.29	Head	2R:+:24249037-24249081	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_62590	DADAAAPASDAPAK	AGAP002619-PA	-	109	1.37E-10	1	1270.594	2.15	Head	2R:+:24248503-24248544	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_65106	ASNEPVIEKDGVVASN	AGAP002619-PA	-	70	1.49E-06	1	1628.815	1.71	Malpighian tubule	2R:+:24249247-24249256,24249331-24249368	exon=> In CDS Exon 2 and 3 of transcript AGAP002619-PA
JHU_Ag_66831	ASNEPVIEKDGVVASN	AGAP002619-PA	-	100	1.50E-09	2	1628.817	2.76	Ovary	2R:+:24249247-24249256,24249331-24249368	exon=> In CDS Exon 2 and 3 of transcript AGAP002619-PA
JHU_Ag_69432	KEEEEVTVAK	AGAP002619-PA	-	65	5.12E-06	2	1161.603	3.12	Ovary	2R:+:24248473-24248502	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_72035	KEELATSTEEK	AGAP002619-PA	-	79	1.86E-07	2	1264.622	-3.86	Head	2R:+:24248362-24248394	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_76413	AAEAVNDTHPK	AGAP002619-PA	-	79	2.05E-07	1	1152.566	1.01	Head	2R:+:24248617-24248649	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_76834	ASNEPVIEK	AGAP002619-PA	-	53	5.28E-05	1	986.518	2.99	Ovary	2R:+:24249247-24249256,24249331-24249347	exon=> In CDS Exon 2 and 3 of transcript AGAP002619-PA
JHU_Ag_77870	SAEAEATPSK	AGAP002619-PA	-	43	0.000660201	2	990.473	-0.63	Salivary gland	2R:+:24248068-24248097	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_81413	VNEDVAAPAIGPDTEQKQTETK	AGAP002619-PA	-	53	8.56E-05	1	2341.161	4.07	Malpighian tubule	2R:+:24249127-24249192	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_82227	DVTANNITTK	AGAP002619-PA	-	44	0.00073397	2	1076.558	-0.68	Malpighian tubule	2R:+:24249193-24249222	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_82566	KEELATSTEEK	AGAP002619-PA	-	41	0.001423237	2	1264.631	3.47	Ovary	2R:+:24248362-24248394	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_82720	AVEAFQKESEELLK	AGAP002619-PA	-	101	1.10E-09	1	1620.851	2.15	Ovary	2R:+:24247876-24247917	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_83072	GATPTTAAVTATPPSK	AGAP002619-PA	-	113	4.54E-11	1	1470.786	3.92	Ovary	2R:+:24247978-24248025	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_83538	EVSEPAAAATAGGVNSAESANHENAK	AGAP002619-PA	-	126	4.21E-12	1	2482.155	4.21	Ovary	2R:+:24248944-24249021	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_84857	VNEDVAAPAIGPDTEQK	AGAP002619-PA	-	88	2.89E-08	1	1753.865	2.66	Head	2R:+:24249127-24249177	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_87864	DADAAAPASDAPAKEETSQDKPPAEEK	AGAP002619-PA	-	93	5.65E-09	1	2739.270	3.85	Malpighian tubule	2R:+:24248503-24248583	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_89436	AAENAKPMEVEADAPSDMK	AGAP002619-PA	M8(Oxidation), M18(Oxidation)	60	1.07E-05	1	2035.903	3.83	Ovary	2R:+:24246197-24246253	exon=> In CDS Exon 1 of transcript AGAP002619-PA
JHU_Ag_90826	ASDDEVTETVDASK	AGAP002619-PA	-	130	1.03E-12	1	1466.652	1.9	Head	2R:+:24249040-24249081	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_90885	EVSEPAAAATAGGVNSAESANHENAK	AGAP002619-PA	N24(Deamidated),N15(Deamidated),N21(Deamidated)	80	1.60E-07	1	2482.151	2.73	Head	2R:+:24248944-24249021	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_92095	DADAAAPASDAPAK	AGAP002619-PA	-	53	5.14E-05	2	1270.592	0.51	Midgut	2R:+:24248503-24248544	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_94015	EVSEPAAAATAGGVNSAESANHENAK	AGAP002619-PA	-	67	3.24E-06	1	2482.149	2.07	Malpighian tubule	2R:+:24248944-24249021	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_96286	GATPTTAAVTATPPSKR	AGAP002619-PA	-	100	7.55E-10	1	1626.886	2.92	Malpighian tubule	2R:+:24247978-24248028	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_98036	AAEAVNDTHPK	AGAP002619-PA	-	67	2.99E-06	1	1152.569	4.08	Ovary	2R:+:24248617-24248649	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_106036	DVVMEDVSVQEVGK	AGAP002619-PA	M4(Oxidation)	108	2.58E-10	1	1549.746	3.07	Head	2R:+:24248695-24248736	exon=> In CDS Exon 2 of transcript AGAP002619-PA

JHU_Ag_108045	AAENAKPMEVEADAPSDMK	AGAP002619-PA	M8(Oxidation), M18(Oxidation)	90	9.25E-09	1	2035.896	0.68	Malpighian tubule	2R:+:24246197-24246253	exon=> In CDS Exon 1 of transcript AGAP002619-PA
JHU_Ag_109936	VNEDVAAPAIGPDTEQK	AGAP002619-PA	-	98	2.78E-09	1	1753.861	0.5	Malpighian tubule	2R:+:24249127-24249177	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_110679	ASNEPVIEK	AGAP002619-PA	-	59	1.44E-05	1	986.516	0.7	Malpighian tubule	2R:+:24249247-24249256,24249331-24249347	exon=> In CDS Exon 2 and 3 of transcript AGAP002619-PA
JHU_Ag_110852	ASNEPVIEK	AGAP002619-PA	-	36	0.002958547	2	986.515	-0.85	Head	2R:+:24249247-24249256,24249331-24249347	exon=> In CDS Exon 2 and 3 of transcript AGAP002619-PA
JHU_Ag_112528	TESAAEAQSNEK	AGAP002619-PA	-	65	3.03E-06	2	1264.565	-0.28	Salivary gland	2R:+:24248650-24248685	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_114028	EETSQDKPPAEEK	AGAP002619-PA	-	70	1.19E-06	1	1487.698	7.96	Midgut	2R:+:24248545-24248583	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_114401	VEIESNGSVVDATVDTTTPK	AGAP002619-PA	N6(Deamidated)	115	4.62E-11	1	2062.022	1.36	Head	2R:+:24248881-24248940	exon=> In CDS Exon 2 of transcript AGAP002619-PA
JHU_Ag_4033	MFSYVTQELIELINGNFPTVANK	AGAP002627-PA	M1(Oxidation), N16(Deamidated),"M1(Oxidation), N14(Deamidated)",M1(Oxidation)	113	5.58E-11	1	2644.340	2.83	Ovary	2R:-:24329001-24328933	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_15226	YATEHNLIVVCPDTSPR	AGAP002627-PA	C11(Carbamidomethyl)	69	1.87E-06	1	1971.961	0.95	Ovary	2R:-:24329151-24329101	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_38316	FAVFLPAAAEDR	AGAP002627-PA	-	56	3.81E-05	2	1306.681	1.71	Head	2R:-:24329265-24329230	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_47167	FAVFLPAAAEDR	AGAP002627-PA	-	52	9.46E-05	2	1306.677	-1.28	Male reproductive organs	2R:-:24329265-24329230	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_53112	YATEHNLIVVCPDTSPR	AGAP002627-PA	C11(Carbamidomethyl)	93	8.05E-09	1	1971.964	2.37	Malpighian tubule	2R:-:24329151-24329101	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_54963	SVSAFAPISNPTR	AGAP002627-PA	-	50	0.00018616	2	1346.707	0.63	Male reproductive organs	2R:-:24328857-24328819	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_57761	LPVLYWLSGLTCNETNFIQK	AGAP002627-PA	C12(Carbamidomethyl)	122	7.37E-12	1	2396.234	0.79	Ovary	2R:-:24329226-24329167	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_58257	YATEHNLIVVCPDTSPR	AGAP002627-PA	C11(Carbamidomethyl)	41	0.001075787	2	1971.957	-1.15	Male reproductive organs	2R:-:24329151-24329101	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_63899	TAISLISSTK	AGAP002627-PA	N-Term(Acetyl)	61	6.58E-06	1	1062.604	-0.6	Midgut	2R:-:24329358-24329329	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_66969	SVSAFAPISNPTR	AGAP002627-PA	-	89	2.07E-08	1	1346.709	1.99	Malpighian tubule	2R:-:24328857-24328819	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_71273	SVSAFAPISNPTR	AGAP002627-PA	-	82	1.04E-07	1	1346.707	0.45	Ovary	2R:-:24328857-24328819	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_74808	AFGGYLGVDSKEEWK	AGAP002627-PA	-	99	1.69E-09	1	1685.815	-1	Midgut	2R:-:24328800-24328756	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_75667	EGYDHSYFYVASFIGEHIAYHAR	AGAP002627-PA	-	64	5.04E-06	1	2732.250	-0.91	Midgut	2R:-:24328590-24328522	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_76900	TAISLISSTK	AGAP002627-PA	N-Term(Acetyl)	51	5.60E-05	1	1062.602	-1.59	Ovary	2R:-:24329358-24329329	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_77067	DGQLLPQNLVDACR	AGAP002627-PA	C13(Carbamidomethyl)	114	6.23E-11	1	1598.796	0.52	Ovary	2R:-:24328665-24328624	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_81831	YATEHNLIVVCPDTSPR	AGAP002627-PA	C11(Carbamidomethyl)	110	1.59E-10	1	1971.961	0.95	Midgut	2R:-:24329151-24329101	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_86760	AFGGYLGVDSK	AGAP002627-PA	-	64	3.97E-06	1	1113.557	-0.12	Ovary	2R:-:24328800-24328768	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_96607	DGQLLPQNLVDACR	AGAP002627-PA	C13(Carbamidomethyl)	61	1.08E-05	2	1598.802	4.04	Midgut	2R:-:24328665-24328624	exon=> In CDS Exon 1 of transcript AGAP002627-PA

JHU_Ag_108616	AFGGYLGVDSK	AGAP002627-PA	-	68	1.54E-06	2	1113.557	-0.12	Male reproductive organs	2R:-:24328800-24328768	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_110692	TAISLISSTK	AGAP002627-PA	N-Term(Acetyl)	80	7.84E-08	2	1062.604	-0.56	Male reproductive organs	2R:-:24329358-24329329	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_110778	SVSAFAPISNPTR	AGAP002627-PA	-	39	0.002199197	2	1346.708	1.45	Head	2R:-:24328857-24328819	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_117391	FAVFLPAAAEDR	AGAP002627-PA	-	72	9.61E-07	1	1306.679	0.31	Ovary	2R:-:24329265-24329230	exon=> In CDS Exon 1 of transcript AGAP002627-PA
JHU_Ag_87229	LVNGYSLQIR	AGAP002628-PA	-	35	0.002349964	2	1162.661	2.7	Head	2R:-:24521115-24521086	exon=> In CDS Exon 2 of transcript AGAP002628-PA
JHU_Ag_88655	GLEPDQQYEAR	AGAP002628-PA	-	41	0.000924099	2	1305.608	0.81	Head	2R:-:24498349-24498317	exon=> In CDS Exon 8 of transcript AGAP002628-PA
JHU_Ag_38190	DYLCLDDVR	AGAP002629-PA	C4(Carbamidomethyl)	39	0.001504094	2	1168.531	0.29	Midgut	2R:+:24565145-24565171	exon=> In CDS Exon 2 of transcript AGAP002629-PA
JHU_Ag_101673	VNGPKPEMLAR	AGAP002630-PA	-	39	0.00096354	1	1211.659	2.02	Malpighian tubule	2R:-:24620552-24620520	exon=> In CDS Exon 2 of transcript AGAP002630-PA
JHU_Ag_115250	VNGPKPEMLAR	AGAP002630-PA	M8(Oxidation)	49	0.000105407	1	1211.657	0.59	Head	2R:-:24620552-24620520	exon=> In CDS Exon 2 of transcript AGAP002630-PA
JHU_Ag_116606	VNLCVHN	AGAP002631-PA	C4(Carbamidomethyl)	36	0.001887104	1	855.417	3.71	Larva	2R:+:24622147-24622167	exon=> In CDS Exon 1 of transcript AGAP002631-PA
JHU_Ag_68884	CVAQRPVHGDCPPNSK	AGAP002632-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	88	2.10E-08	1	1821.849	0.36	Head	2R:-:24622634-24622587	exon=> In CDS Exon 1 of transcript AGAP002632-PA
JHU_Ag_20235	TFYQLGAR	AGAP002634-PA	-	41	0.000620892	1	955.501	0.96	Malpighian tubule	2R:+:24779058-24779081	exon=> In CDS Exon 4 of transcript AGAP002634-PA
JHU_Ag_85770	TFYQLGAR	AGAP002634-PA	-	42	0.000564958	1	955.501	1.28	Salivary gland	2R:+:24779058-24779081	exon=> In CDS Exon 4 of transcript AGAP002634-PA
JHU_Ag_95005	LAGRNLIR	AGAP002634-PA	-	30	0.004113407	1	912.564	-10.6	Male reproductive organs	2R:+:24781281-24781304	exon=> In CDS Exon 7 of transcript AGAP002634-PA
JHU_Ag_13924	GPDAVTPEIQAPPLPPEEDTK	AGAP002638-PA	-	36	0.003738319	1	2201.102	2.27	Head	2R:+:24846097-24846159	exon=> In CDS Exon 2 of transcript AGAP002638-PA
JHU_Ag_73910	GPDAVTPEIQAPPLPPEEDTKTPLVEYLK	AGAP002638-PA	-	63	4.40E-06	1	3144.637	0.5	Head	2R:+:24846097-24846183	exon=> In CDS Exon 2 of transcript AGAP002638-PA
JHU_Ag_85574	TTLLSCIVGR	AGAP002638-PA,AGAP002060-PA,AGAP003680-PA	C6(Carbamidomethyl)	46	0.000225825	2	1119.623	3.45	Head	2R:+:24845344-24845373;2R:-:14698360-14698331;2R:+:41911730-41911759	exon=> In CDS Exon 2 of transcript AGAP002638-PA;exon=> In CDS Exon 2 of transcript AGAP002060-PA;exon=> In CDS Exon 3 of transcript AGAP003680-PA
JHU_Ag_5732	QQLEPACVSVYAK	AGAP002643-PA	C7(Carbamidomethyl)	60	1.90E-05	2	1492.746	-0.56	Midgut	2R:-:24908628-24908590	exon=> In CDS Exon 2 of transcript AGAP002643-PA
JHU_Ag_25389	SMCSLIQSALPSEIR	AGAP002643-PA	M2(Oxidation), C3(Carbamidomethyl),C3(Carbamidomethyl)	91	1.30E-08	2	1707.836	-2.57	Midgut	2R:-:24908529-24908485	exon=> In CDS Exon 2 of transcript AGAP002643-PA
JHU_Ag_50031	GTVGGATGYAYVR	AGAP002643-PA	-	103	6.50E-10	2	1271.635	-2.16	Midgut	2R:-:24908589-24908551	exon=> In CDS Exon 2 of transcript AGAP002643-PA
JHU_Ag_73197	DCLFNDK	AGAP002643-PA	C2(Carbamidomethyl)	41	0.000533116	1	911.397	4.73	Midgut	2R:-:24908550-24908530	exon=> In CDS Exon 2 of transcript AGAP002643-PA
JHU_Ag_87517	QQLEPACVSVYAK	AGAP002643-PA	C7(Carbamidomethyl)	48	0.000291815	2	1492.752	3.52	Malpighian tubule	2R:-:24908628-24908590	exon=> In CDS Exon 2 of transcript AGAP002643-PA
JHU_Ag_1685	STLVNSLFLSDLYPER	AGAP002645-PA	-	82	8.06E-08	1	1853.963	-0.73	Ovary	2R:-:24946430-24946383	exon=> In CDS Exon 2 of transcript AGAP002645-PA
JHU_Ag_2626	LTVVDTPGFGDAIDNSDSFSAILEYIDEQYER	AGAP002645-PA	-	134	5.03E-13	1	3579.662	-0.74	Ovary	2R:-:24945212-24945117	exon=> In CDS Exon 3 of transcript AGAP002645-PA
JHU_Ag_3891	TMLITHMQDLQEVTQEVHYENYR	AGAP002645-PA	M2(Oxidation), M7(Oxidation)	139	1.79E-13	1	2910.346	2.17	Ovary	2R:-:24944603-24944958,24944273-24944465	exon=> In CDS Exon 5 and 4 of transcript AGAP002645-PA

JHU_Ag_6261	SFSNVETSGYVGFANLPNQVHR	AGAP002645-PA	-	51	0.000139997	1	2423.179	2.06	Malpighian tubule	2R:-:24958829-24958847,24946364-24946494	exon=> In CDS Exon 2 and 1 of transcript AGAP002645-PA
JHU_Ag_12011	LDASTVEIEER	AGAP002645-PA	-	82	1.37E-07	2	1261.628	0.89	Ovary	2R:-:24945260-24945228	exon=> In CDS Exon 3 of transcript AGAP002645-PA
JHU_Ag_29338	LDASTVEIEER	AGAP002645-PA	-	73	9.23E-07	2	1261.627	-0.27	Male reproductive organs	2R:-:24945260-24945228	exon=> In CDS Exon 3 of transcript AGAP002645-PA
JHU_Ag_56787	SFSNVETSGYVGFANLPNQVHR	AGAP002645-PA	-	97	2.83E-09	1	2423.177	1.08	Head	2R:-:24958829-24958847,24946364-24946494	exon=> In CDS Exon 2 and 1 of transcript AGAP002645-PA
JHU_Ag_65364	EAVPFAVCGSTTLLEVK	AGAP002645-PA	C8(Carbamidomethyl)	46	0.000319803	1	1820.949	1.46	Head	2R:-:24944738-24944688	exon=> In CDS Exon 4 of transcript AGAP002645-PA
JHU_Ag_84769	SFSNVETSGYVGFANLPNQVHR	AGAP002645-PA	-	108	2.61E-10	1	2423.176	0.7	Ovary	2R:-:24958829-24958847,24946364-24946494	exon=> In CDS Exon 2 and 1 of transcript AGAP002645-PA
JHU_Ag_96868	VNIVPVIAK	AGAP002645-PA	-	36	0.000201865	2	952.618	-1.31	Ovary	2R:-:24944912-24944886	exon=> In CDS Exon 4 of transcript AGAP002645-PA
JHU_Ag_3412	IDFLGEGQFATVYK	AGAP002646-PA	-	90	1.75E-08	2	1587.808	1.5	Ovary	2R:+:24959838-24959861,24959946-24959963	exon=> In CDS Exon 1 and 2 of transcript AGAP002646-PA
JHU_Ag_8832	IILTPANIK	AGAP002646-PA	-	29	0.001711465	2	982.631	0.97	Ovary	2R:+:24960198-24960224	exon=> In CDS Exon 2 of transcript AGAP002646-PA
JHU_Ag_69832	LLHELQHENIIGLLDVFGHK	AGAP002646-PA	-	131	3.67E-13	1	2325.271	-0.04	Ovary	2R:+:24960072-24960131	exon=> In CDS Exon 2 of transcript AGAP002646-PA
JHU_Ag_109980	VPFLPGESDLDQLTR	AGAP002646-PA	-	53	7.72E-05	2	1686.872	1.22	Ovary	2R:+:24960507-24960551	exon=> In CDS Exon 2 of transcript AGAP002646-PA
JHU_Ag_43812	ITDFGFAR	AGAP002647-PA	-	36	0.002547073	2	926.474	0.64	Pupa	2R:+:24966602-24966625	exon=> In CDS Exon 3 of transcript AGAP002647-PA
JHU_Ag_58665	FQFAILCVR	AGAP002647-PA	C7(Carbamidomethyl)	47	0.00023823	2	1153.615	-3.08	Visceras	2R:+:24972509-24972535	exon=> In CDS Exon 8 of transcript AGAP002647-PA
JHU_Ag_62009	IADLALLR	AGAP002647-PA	-	56	9.67E-06	1	884.558	1.33	Visceras	2R:+:24968736-24968753,24972473-24972478	exon=> In CDS Exon 7 and 8 of transcript AGAP002647-PA
JHU_Ag_74036	DLKPENILLDDNLNVK	AGAP002647-PA	-	35	0.001990604	1	1852.999	-1.12	Ovary	2R:+:24966554-24966601	exon=> In CDS Exon 3 of transcript AGAP002647-PA
JHU_Ag_74597	IIDLGAAETGDSNHMLEATR	AGAP002647-PA	M15(Oxidation)	40	0.001514946	1	2130.013	0.03	Head	2R:+:24966173-24966232	exon=> In CDS Exon 2 of transcript AGAP002647-PA
JHU_Ag_114206	IAQQLGDR	AGAP002648-PA	Q4(Deamidated)	33	0.007542483	2	901.474	0.46	Head	2R:+:25079220-25079243	exon=> In CDS Exon 2 of transcript AGAP002648-PA
JHU_Ag_6602	LIQTK	AGAP002651-PA	Q3(Deamidated)	34	0.002001492	1	603.373	2.71	Malpighian tubule	2R:-:25152845-25152831	exon=> In CDS Exon 11 of transcript AGAP002651-PA
JHU_Ag_12721	HCIVLANR	AGAP002651-PA	C2(Carbamidomethyl), N7(Deamidated)	31	0.00764713	2	983.522	13.39	Head	2R:-:25156182-25156159	exon=> In CDS Exon 6 of transcript AGAP002651-PA
JHU_Ag_21963	GAGDTADGETPFDAGLK	AGAP002651-PA	-	47	0.000207414	2	1621.735	0.71	Male reproductive organs	2R:-:25152339-25152289	exon=> In CDS Exon 12 of transcript AGAP002651-PA
JHU_Ag_70182	IITTNQLLQLIR	AGAP002651-PA	-	51	6.82E-06	2	1425.882	2.57	Ovary	2R:-:25152132-25152097	exon=> In CDS Exon 12 of transcript AGAP002651-PA
JHU_Ag_73493	IITTNQLLQLIR	AGAP002651-PA	-	43	5.16E-05	2	1425.877	-1.2	Midgut	2R:-:25152132-25152097	exon=> In CDS Exon 12 of transcript AGAP002651-PA
JHU_Ag_3618	NGFTFEVIKPPK	AGAP002652-PB	N1(Deamidated)	76	2.39E-07	1	1377.746	3.21	Head	2R:+:25166673-25166708	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_5055	NGFTFEVIKPPK	AGAP002652-PB	-	70	9.66E-07	1	1376.762	3.58	Ovary	2R:+:25166673-25166708	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_5639	AQNEERLDVIIFGASGFTGK	AGAP002652-PB	N-Term(Acetyl)	57	2.86E-05	1	2194.124	4.76	Ovary	2R:+:25165165-25165224	exon=> In CDS Exon 1 of transcript AGAP002652-PB

JHU_Ag_8029	IPHDGGAVLHYGTWESAIYGLAHANELRPLR	AGAP002652-PB	-	128	9.61E-13	1	3413.756	1.65	Salivary gland	2R:+:25165696-25165788	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_10844	LRQTVAEIEK	AGAP002652-PB	-	40	0.001073088	1	1186.681	1.79	Ovary	2R:+:25165297-25165326	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_12031	ACIEAGTHHVDVSGEPQYMER	AGAP002652-PB	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M19(Oxidation)"	119	1.20E-11	1	2386.059	1.79	Malpighian tubule	2R:+:25165471-25165533	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_12800	LRQTVAEIEK	AGAP002652-PB	-	41	0.000906985	2	1186.679	-0.37	Malpighian tubule	2R:+:25165297-25165326	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_15884	TSLIEQLSKNGFTFEVIKPPK	AGAP002652-PB	-	75	8.26E-08	1	2376.331	5.72	Malpighian tubule	2R:+:25166646-25166708	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_18650	QFDGVVNSVETYLQVTSK	AGAP002652-PB	-	85	5.22E-08	2	2014.013	-0.04	Head	2R:+:25165642-25165695	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_20311	LLEPTDQFK	AGAP002652-PB	-	38	0.002938381	2	1090.578	-0.02	Ovary	2R:+:25166362-25166388	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_22754	QFDGVVNSVETYLQVTSK	AGAP002652-PB	-	78	2.33E-07	2	2014.010	-1.62	Pupa	2R:+:25165642-25165695	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_23010	VLINCCGPYR	AGAP002652-PB	C5(Carbamidomethyl), C6(Carbamidomethyl)	71	1.20E-06	1	1251.598	0.31	Male reproductive organs	2R:+:25165417-25165446	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_24388	VLINCCGPYR	AGAP002652-PB	C5(Carbamidomethyl), C6(Carbamidomethyl)	48	0.000231168	1	1251.599	0.99	Head	2R:+:25165417-25165446	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_24691	LFTFGYASHEGPTEK	AGAP002652-PB	-	119	2.25E-11	1	1683.804	1.71	Head	2R:+:25166254-25166298	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_27223	VLINCCGPYR	AGAP002652-PB	C5(Carbamidomethyl), C6(Carbamidomethyl)	63	6.87E-06	1	1251.596	-0.96	Visceras	2R:+:25165417-25165446	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_32757	TSLIEQLSK	AGAP002652-PB	-	49	9.50E-05	2	1018.578	0.17	Salivary gland	2R:+:25166646-25166672	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_36321	ESDKMPGTGGVYPPGAAYAK	AGAP002652-PB	M5(Oxidation)	63	7.67E-06	1	2011.941	-1.23	Male reproductive organs	2R:+:25166491-25166513,25166609-25166645	exon=> In CDS Exon 3 and 4 of transcript AGAP002652-PB
JHU_Ag_40209	NGFTFEVIKPPK	AGAP002652-PB	N1(Deamidated)	69	1.28E-06	2	1377.744	1.97	Salivary gland	2R:+:25166673-25166708	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_41982	TSLIEQLSK	AGAP002652-PB	-	53	4.09E-05	2	1018.578	0.23	Midgut	2R:+:25166646-25166672	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_43981	NGFTFEVIKPPK	AGAP002652-PB	N1(Deamidated)	66	2.99E-06	2	1377.740	-0.77	Male reproductive organs	2R:+:25166673-25166708	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_46643	DLSEVPIITADLK	AGAP002652-PB	-	99	1.07E-09	2	1413.785	1.04	Head	2R:+:25165339-25165377	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_50085	LFTFGYASHEGPTEK	AGAP002652-PB	-	105	5.02E-10	1	1683.803	0.77	Malpighian tubule	2R:+:25166254-25166298	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_52406	IPHDGGAVLHYGTWESAIYGLAHANELRPLR	AGAP002652-PB	-	85	1.84E-08	1	3413.756	1.65	Head	2R:+:25165696-25165788	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_52787	NGFTFEVIKPPK	AGAP002652-PB	-	36	0.002098247	2	1376.761	2.69	Malpighian tubule	2R:+:25166673-25166708	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_58421	TSLIEQLSK	AGAP002652-PB	-	48	0.000111125	1	1018.579	1.37	Malpighian tubule	2R:+:25166646-25166672	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_63691	LFTFGYASHEGPTEK	AGAP002652-PB	-	111	1.24E-10	1	1683.802	0.62	Male reproductive organs	2R:+:25166254-25166298	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_63956	IPHDGGAVLHYGTWESAIYGLAHANELRPLR	AGAP002652-PB	-	72	3.39E-07	1	3413.757	1.88	Visceras	2R:+:25165696-25165788	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_64236	MQLEYHQR	AGAP002652-PB	M1(Oxidation)	49	0.00015233	2	1120.518	-2.4	Head	2R:+:25165534-25165557	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_68308	ACIEAGTHHVDVSGEPQYMER	AGAP002652-PB	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M19(Oxidation)"	133	2.93E-13	1	2402.038	-5.05	Head	2R:+:25165471-25165533	exon=> In CDS Exon 1 of transcript AGAP002652-PB

JHU_Ag_69364	TRLPNFQPR	AGAP002652-PB	-	39	0.001643306	1	1128.626	-1.35	Head	2R:+:25165804-25165830	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_70528	VSGTNPGYGATCVALVLSALTILR	AGAP002652-PB	C12(Carbamidomethyl)	66	1.28E-06	1	2433.315	-0.98	Ovary	2R:+:25166419-25166490	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_84767	ASFLNGWWAVPFPGSDR	AGAP002652-PB	N5(Deamidated)	50	0.000153341	2	1907.917	4.94	Male reproductive organs	2R:+:25165858-25165908	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_88772	HFYDTEK	AGAP002652-PB	-	38	0.001051752	1	939.421	-0.17	Head	2R:+:25165933-25165953	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_90094	MQLEYHQR	AGAP002652-PB	-	61	1.16E-05	1	1104.526	0.15	Malpighian tubule	2R:+:25165534-25165557	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_92435	NGFTFEVIKPPK	AGAP002652-PB	-	61	7.17E-06	2	1376.758	0.21	Midgut	2R:+:25166673-25166708	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_95313	LFTFGYASHEGPTEK	AGAP002652-PB	-	80	1.46E-07	1	1683.795	-3.66	Midgut	2R:+:25166254-25166298	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_96477	TSLIEQLSK	AGAP002652-PB	-	39	0.000893897	2	1018.578	-0.25	Male reproductive organs	2R:+:25166646-25166672	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_100284	IPHDGGAVLHYGTWESAIYGLAHANELRPLR	AGAP002652-PB	-	67	9.67E-07	1	3413.773	6.74	Ovary	2R:+:25165696-25165788	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_104019	LLEPTDQFK	AGAP002652-PB	-	43	0.000772843	2	1090.580	1.43	Salivary gland	2R:+:25166362-25166388	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_106455	TSLIEQLSK	AGAP002652-PB	-	58	1.30E-05	2	1018.582	3.82	Ovary	2R:+:25166646-25166672	exon=> In CDS Exon 4 of transcript AGAP002652-PB
JHU_Ag_111547	LFTFGYASHEGPTEK	AGAP002652-PB	-	70	1.46E-06	1	1683.806	2.94	Ovary	2R:+:25166254-25166298	exon=> In CDS Exon 3 of transcript AGAP002652-PB
JHU_Ag_112048	ASFLNGWWAVPFPGSDR	AGAP002652-PB	-	64	6.33E-06	1	1906.925	0.85	Salivary gland	2R:+:25165858-25165908	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_112427	ACIEAGTHHVDVSGEPQYMER	AGAP002652-PB	C2(Carbamidomethyl), M19(Oxidation)	38	0.001288517	1	2402.051	0.51	Ovary	2R:+:25165471-25165533	exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_4189	DQQDTFFVSHPK	AGAP002653-PA	-	56	2.97E-05	2	1448.681	0.22	Head	2R:-:25167693-25167658	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_10806	GVNVIAWGLSLERPTMIK	AGAP002653-PA	M16(Oxidation)	75	1.86E-07	1	2000.097	-1.56	Midgut	2R:-:25167153-25167100	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_11228	DILEHGSHEANVFQAVPK	AGAP002653-PA	-	104	5.67E-10	1	1991.013	7.27	Ovary	2R:-:25168386-25168333	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_13294	SIEATGELIR	AGAP002653-PA	-	60	1.71E-05	2	1088.596	1.66	Ovary	2R:-:25168464-25168435	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_18548	MVQDNPICR	AGAP002653-PA	M1(Oxidation), C8(Carbamidomethyl)	52	5.40E-05	1	1148.520	0.72	Ovary	2R:-:25167048-25167022	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_22189	SIEATGELIR	AGAP002653-PA	-	56	3.52E-05	2	1088.595	0.66	Male reproductive organs	2R:-:25168464-25168435	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_28611	ILEESVTK	AGAP002653-PA	-	37	0.00295131	1	918.513	-0.88	Ovary	2R:-:25168017-25167994	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_29304	DQQDTFFVSHPK	AGAP002653-PA	-	63	6.20E-06	2	1448.681	0.47	Male reproductive organs	2R:-:25167693-25167658	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_35028	YGLNNIR	AGAP002653-PA	-	49	0.000159884	2	849.458	0.36	Ovary	2R:-:25167099-25167079	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_35492	KILEESVTK	AGAP002653-PA	-	53	4.13E-05	1	1046.609	-0.19	Malpighian tubule	2R:-:25168020-25167994	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_36198	GVNVIAWGLSLERPTMIK	AGAP002653-PA	M16(Oxidation)	95	1.22E-09	1	1984.115	5.11	Malpighian tubule	2R:-:25167153-25167100	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_36874	GPEFATTLK	AGAP002653-PA	-	49	0.000168963	1	963.514	-0.81	Salivary gland	2R:-:25167975-25167949	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_38022	ISHQPGGFKPIK	AGAP002653-PA	-	36	0.001353308	1	1308.743	0.85	Malpighian tubule	2R:-:25167492-25167457	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_39055	SIEATGELIR	AGAP002653-PA	-	59	2.09E-05	2	1088.595	0.09	Salivary gland	2R:-:25168464-25168435	exon=> In CDS Exon 1 of transcript AGAP002653-PA

JHU_Ag_39972	GPEFATTLK	AGAP002653-PA	-	42	0.000973376	2	963.512	-2.65	Head	2R:-:25167975-25167949	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_40444	GVNVIAWGLSLERPTMIK	AGAP002653-PA	M16(Oxidation)	57	1.03E-05	1	2000.100	0.02	Male reproductive organs	2R:-:25167153-25167100	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_44048	GVDGSIGYR	AGAP002653-PA	-	55	4.68E-05	1	923.457	-0.84	Ovary	2R:-:25167600-25167574	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_46282	VDTIDDEVGAHVK	AGAP002653-PA	-	46	0.000280405	2	1397.694	2.24	Head	2R:-:25168122-25168084	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_47384	FPLALVDAVR	AGAP002653-PA	-	66	2.85E-06	2	1100.645	-0.81	Ovary	2R:-:25167645-25167616	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_47432	DQQDTFFVSHPK	AGAP002653-PA	-	81	9.81E-08	1	1448.682	0.81	Salivary gland	2R:-:25167693-25167658	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_48733	AYNFDALGAPPGR	AGAP002653-PA	-	68	2.78E-06	2	1348.666	0.89	Salivary gland	2R:-:25167882-25167844	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_48781	MSDKFPLALVDAVR	AGAP002653-PA	M1(Oxidation)	55	4.86E-05	1	1577.837	1.07	Ovary	2R:-:25167657-25167616	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_56931	DQQDTFFVSHPK	AGAP002653-PA	-	35	0.003640669	1	1448.679	-0.99	Malpighian tubule	2R:-:25167693-25167658	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_57615	KILEESVTK	AGAP002653-PA	-	58	1.14E-05	2	1046.609	-0.65	Salivary gland	2R:-:25168020-25167994	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_64583	SIEATGELIR	AGAP002653-PA	-	61	1.20E-05	2	1088.596	0.99	Malpighian tubule	2R:-:25168464-25168435	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_65746	GPEFATTLK	AGAP002653-PA	-	53	8.64E-05	1	963.515	0.84	Ovary	2R:-:25167975-25167949	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_70678	KVDTIDDEVGAHVK	AGAP002653-PA	-	90	1.36E-08	1	1525.785	-0.8	Ovary	2R:-:25168125-25168084	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_74537	ISHQPGGFKPIK	AGAP002653-PA	-	46	0.000149677	1	1308.741	-0.67	Ovary	2R:-:25167492-25167457	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_79164	DILEHGSHEANVFQAVPK	AGAP002653-PA	-	121	1.19E-11	1	1991.000	1.1	Head	2R:-:25168386-25168333	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_82588	FPLALVDAVR	AGAP002653-PA	-	50	9.85E-05	2	1100.647	0.3	Head	2R:-:25167645-25167616	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_85089	DGIAQSELMK	AGAP002653-PA	M9(Oxidation)	65	4.43E-06	1	1107.534	-1.02	Ovary	2R:-:25168332-25168303	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_86748	SIEATGELIR	AGAP002653-PA	-	39	0.002239278	2	1088.599	3.57	Head	2R:-:25168464-25168435	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_89616	DILEHGSHEANVFQAVPK	AGAP002653-PA	-	36	0.003580137	1	1990.992	-2.94	Salivary gland	2R:-:25168386-25168333	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_95510	DQQDTFFVSHPK	AGAP002653-PA	-	97	2.61E-09	2	1448.679	-0.8	Ovary	2R:-:25167693-25167658	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_96024	DILEHGSHEANVFQAVPK	AGAP002653-PA	-	73	7.94E-07	1	1991.002	1.93	Male reproductive organs	2R:-:25168386-25168333	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_96187	YIADHGEVDTLDLATIFGEDHQK	AGAP002653-PA	-	120	1.28E-11	1	2587.233	0.63	Head	2R:-:25168551-25168483	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_99700	DGIAQSELMK	AGAP002653-PA	M9(Oxidation)	42	0.000835849	2	1107.536	0.41	Salivary gland	2R:-:25168332-25168303	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_107431	GVNVIAWGLSLERPTMIK	AGAP002653-PA	M16(Oxidation)	74	2.32E-07	1	2000.098	-0.75	Ovary	2R:-:25167153-25167100	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_108253	YIADHGEVDTLDLATIFGEDHQK	AGAP002653-PA	-	153	7.47E-15	1	2587.234	1	Ovary	2R:-:25168551-25168483	exon=> In CDS Exon 1 of transcript AGAP002653-PA
JHU_Ag_110054	GPEFATTLK	AGAP002653-PA	-	49	0.000172104	2	963.514	-0.18	Male reproductive organs	2R:-:25167975-25167949	exon=> In CDS Exon 2 of transcript AGAP002653-PA
JHU_Ag_115920	ESSVPDGVKNEYK	AGAP002653-PA	-	56	3.76E-05	1	1451.701	-0.32	Salivary gland	2R:-:25168065-25168027	exon=> In CDS Exon 2 of transcript AGAP002653-PA

JHU_Ag_212	AAELLNGK	AGAP002654-PA,AGAP002654-PB	-	55	6.14E-05	2	815.463	0.54	Ovary	2R:-:25186274-25186251;2R:-:25186274-25186251	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_832	TDAEKTAPETTAETK	AGAP002654-PA,AGAP002654-PB	N-Term(Acetyl)	49	0.000214 65	1	1634.780	2.42	Head	2R:-:25187644-25187600;2R:-:25187644-25187600	exon=> In CDS Exon 1 of transcript AGAP002654-PA;exon=> In CDS Exon 1 of transcript AGAP002654-PB
JHU_Ag_1941	TSVYVAPLER	AGAP002654-PA,AGAP002654-PB	-	36	0.003011 517	2	1134.616	0.66	Midgut	2R:-:25186187-25186158;2R:-:25186187-25186158	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_2026	LSSPQPVK	AGAP002654-PA,AGAP002654-PB	-	38	0.001011 235	2	855.495	1.33	Malpighian tubule	2R:-:25185671-25185648;2R:-:25185671-25185648	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_2156	FIFSPQHYHPYR	AGAP002654-PA,AGAP002654-PB	-	44	0.000698 73	1	1591.778	-1.42	Visceras	2R:-:25185707-25185672;2R:-:25185707-25185672	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_3502	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	87	6.20E-09	1	1676.948	-0.42	Pupa	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_5053	DVIVAVLDDDMTEEK	AGAP002654-PA,AGAP002654-PB	M11(Oxidation)	72	8.66E-07	2	1707.804	2.61	Ovary	2R:-:25186703-25186659;2R:-:25186703-25186659	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_5180	DVIVAVLDDDMTEEK	AGAP002654-PA,AGAP002654-PB	M11(Oxidation)	75	4.67E-07	2	1707.805	3.54	Head	2R:-:25186703-25186659;2R:-:25186703-25186659	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_6065	EFFSGAGGEVK	AGAP002654-PA,AGAP002654-PB	-	39	0.001328 33	2	1127.536	-0.58	Pupa	2R:-:25185740-25185708;2R:-:25185740-25185708	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_6773	TSVYVAPLER	AGAP002654-PA,AGAP002654-PB	-	50	0.000115 899	2	1134.620	3.99	Malpighian tubule	2R:-:25186187-25186158;2R:-:25186187-25186158	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_7985	NCGENAIVCYK	AGAP002654-PA,AGAP002654-PB	C2(Carbamidomethyl), C9(Carbamidomethyl)	63	2.82E-06	1	1327.577	0.35	Head	2R:-:25186088-25186056;2R:-:25186088-25186056	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_9036	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	121	1.17E-11	1	1611.792	0.93	Ovary	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_9223	IFFETEEQAAK	AGAP002654-PA,AGAP002654-PB	-	72	8.39E-07	1	1312.642	0.27	Salivary gland	2R:-:25186307-25186275;2R:-:25186307-25186275	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_9653	QFGDIDFVNR	AGAP002654-PA,AGAP002654-PB	-	41	0.000924 507	2	1210.588	2.18	Salivary gland	2R:-:25186121-25186092;2R:-:25186121-25186092	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_11116	FIFSPQHYHPYR	AGAP002654-PA,AGAP002654-PB	-	84	6.14E-08	1	1591.790	5.8	Ovary	2R:-:25185707-25185672;2R:-:25185707-25185672	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_12471	TVTEEEVYEHFK	AGAP002654-PA,AGAP002654-PB	-	88	2.48E-08	1	1510.706	-0.3	Head	2R:-:25186157-25186122;2R:-:25186157-25186122	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_12901	IFFETEEQAAK	AGAP002654-PA,AGAP002654-PB	-	63	7.86E-06	1	1312.645	2.6	Malpighian tubule	2R:-:25186307-25186275;2R:-:25186307-25186275	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_12983	DQNQHVDLWR	AGAP002654-PA,AGAP002654-PB	-	68	2.24E-06	1	1310.624	0.49	Midgut	2R:-:25186505-25186476;2R:-:25186505-25186476	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_15021	FIFSPQHYHPYR	AGAP002654-PA,AGAP002654-PB	-	76	4.64E-07	1	1591.780	-0.48	Midgut	2R:-:25185707-25185672;2R:-:25185707-25185672	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_15119	YDGPLVLR	AGAP002654-PA,AGAP002654-PB	-	52	6.92E-05	2	932.520	-0.03	Midgut	2R:-:25185959-25185936;2R:-:25185959-25185936	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_16459	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	41	0.001120373	1	1092.583	-0.55	Visceras	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_17007	ITESLSEDAIFR	AGAP002654-PA,AGAP002654-PB	-	99	1.76E-09	2	1380.704	2.57	Head	2R:-:25185497-25186954,25184751-25185303;2R:-:25185497-25186954,25184954-25185303	exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PB
JHU_Ag_18645	NTLALLVFK	AGAP002654-PA,AGAP002654-PB	-	39	0.000196051	2	1018.632	2.19	Salivary gland	2R:-:25186838-25186812;2R:-:25186838-25186812	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_18824	LQAFYPVYVSNIPFSCPAHVIR	AGAP002654-PA,AGAP002654-PB	C16(Carbamidomethyl)	66	2.36E-06	1	2578.336	3.44	Pupa	2R:-:25185806-25185741;2R:-:25185806-25185741	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_18868	TVTVLRYDGPLVLR	AGAP002654-PA,AGAP002654-PB	-	50	1.27E-05	1	1601.946	5.41	Malpighian tubule	2R:-:25185977-25185936;2R:-:25185977-25185936	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_18923	MKPDELTINCVYSK	AGAP002654-PA,AGAP002654-PB	M1(Oxidation),C10(Carbamidomethyl),C10(Carbamidomethyl)	58	2.38E-05	1	1697.825	0.68	Ovary	2R:-:25185200-25185159;2R:-:25185200-25185159	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_19688	LQAFYPVYVSNIPFSCPAHVIR	AGAP002654-PA,AGAP002654-PB	C16(Carbamidomethyl)	66	2.49E-06	1	2578.335	2.8	Visceras	2R:-:25185806-25185741;2R:-:25185806-25185741	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_20124	MLNNQHLHVLPGR	AGAP002654-PA,AGAP002654-PB	M1(Oxidation)	42	0.000923168	1	1544.811	-0.2	Ovary	2R:-:25185581-25185543;2R:-:25185581-25185543	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_20242	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	48	3.88E-05	1	1676.952	2.1	Male reproductive organs	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_20627	TAMVYYTR	AGAP002654-PA,AGAP002654-PB	M3(Oxidation)	49	0.000204947	1	1020.485	2.7	Malpighian tubule	2R:-:25185647-25185624;2R:-:25185647-25185624	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_20863	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	81	2.34E-08	2	1676.953	2.9	Head	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_21420	LYNESDPRILGTIVR	AGAP002654-PA,AGAP002654-PB	-	39	0.000886257	1	1745.964	5.37	Malpighian tubule	2R:-:25185134-25185090;2R:-:25185134-25185090	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_22024	IHIEYITIR	AGAP002654-PA,AGAP002654-PB	-	36	0.002813982	1	1157.668	0.44	Midgut	2R:-:25186742-25186716;2R:-:25186742-25186716	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_22316	LQAFYPVYVSNIPFSCPAHVIR	AGAP002654-PA,AGAP002654-PB	C16(Carbamidomethyl)	121	7.79E-12	1	2578.332	1.73	Ovary	2R:-:25185806-25185741;2R:-:25185806-25185741	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_23007	NCGENAIVCYK	AGAP002654-PA,AGAP002654-PB	C2(Carbamidomethyl), C9(Carbamidomethyl)	64	2.44E-06	2	1327.581	3.01	Malpighian tubule	2R:-:25186088-25186056;2R:-:25186088-25186056	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_24797	IHIEYITIR	AGAP002654-PA,AGAP002654-PB	-	40	0.000973467	1	1157.668	0.44	Male reproductive organs	2R:-:25186742-25186716;2R:-:25186742-25186716	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_25903	ACSEAGTITEAIANNVSQGSSNYYAR	AGAP002654-PA,AGAP002654-PB	C2(Carbamidomethyl)	109	1.45E-10	2	2734.250	4.45	Malpighian tubule	2R:-:25186385-25186308;2R:-:25186385-25186308	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_26272	TINVGNLPK	AGAP002654-PA,AGAP002654-PB	-	34	0.002898954	1	955.557	-0.34	Midgut	2R:-:25186943-25186917;2R:-:25186943-25186917	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_27082	YDGPLVLR	AGAP002654-PA,AGAP002654-PB	-	62	6.31E-06	2	932.520	0.1	Ovary	2R:-:25185959-25185936;2R:-:25185959-25185936	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_28344	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	54	6.30E-05	1	1092.584	-0.12	Salivary gland	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_28466	TSVYVAPLER	AGAP002654-PA,AGAP002654-PB	-	44	0.000467279	2	1134.615	0.01	Male reproductive organs	2R:-:25186187-25186158;2R:-:25186187-25186158	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_28975	DVDKAAVLEK	AGAP002654-PA,AGAP002654-PB	-	39	0.002415672	1	1087.600	0.43	Head	2R:-:25186577-25186548;2R:-:25186577-25186548	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_30060	ILGTIVR	AGAP002654-PA,AGAP002654-PB	-	29	0.006611133	1	771.510	1.17	Head	2R:-:25185110-25185090;2R:-:25185110-25185090	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_30071	AYDVNGRDQNQHVDLWR	AGAP002654-PA,AGAP002654-PB	N5(Deamidated)	65	4.45E-06	1	2085.986	0.39	Ovary	2R:-:25186526-25186476;2R:-:25186526-25186476	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_30239	DHFAGHEVER	AGAP002654-PA,AGAP002654-PB	-	38	0.00183104	1	1196.549	3.48	Ovary	2R:-:25186892-25186863;2R:-:25186892-25186863	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_31185	MLNNQHLHVLPGR	AGAP002654-PA,AGAP002654-PB	M1(Oxidation)	73	8.71E-07	1	1544.813	1.23	Head	2R:-:25185581-25185543;2R:-:25185581-25185543	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_31285	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	48	0.000193659	1	1092.587	2.72	Malpighian tubule	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_31302	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	53	7.63E-05	1	1092.584	0.21	Pupa	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_31539	DQNQHVDLWR	AGAP002654-PA,AGAP002654-PB	-	68	2.15E-06	1	1310.622	-1.37	Visceras	2R:-:25186505-25186476;2R:-:25186505-25186476	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_32381	ALACTTFPAPTEANKEATK	AGAP002654-PA,AGAP002654-PB	C4(Carbamidomethyl)	58	2.94E-05	1	2021.007	3.19	Malpighian tubule	2R:-:25186034-25185978;2R:-:25186034-25185978	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_35633	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	91	1.29E-08	2	1611.790	0.17	Pupa	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_36719	NTLALLVFK	AGAP002654-PA,AGAP002654-PB	-	54	6.58E-06	2	1018.630	0.45	Visceras	2R:-:25186838-25186812;2R:-:25186838-25186812	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_40188	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	101	1.80E-10	1	1676.959	6.54	Ovary	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_41051	DVDKAAVLEK	AGAP002654-PA,AGAP002654-PB	-	71	1.34E-06	1	1087.602	2.56	Malpighian tubule	2R:-:25186577-25186548;2R:-:25186577-25186548	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_41751	FIFSPQHYHPYR	AGAP002654-PA,AGAP002654-PB	-	38	0.002691771	1	1591.784	2.11	Salivary gland	2R:-:25185707-25185672;2R:-:25185707-25185672	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_41928	TVTEEEVYEHFK	AGAP002654-PA,AGAP002654-PB	-	87	2.70E-08	1	1510.714	5.44	Midgut	2R:-:25186157-25186122;2R:-:25186157-25186122	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_42247	NTLALLVFK	AGAP002654-PA,AGAP002654-PB	-	55	5.73E-06	2	1018.630	-0.09	Ovary	2R:-:25186838-25186812;2R:-:25186838-25186812	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_43642	EFFSGAGGEVK	AGAP002654-PA,AGAP002654-PB	-	66	2.45E-06	1	1127.538	0.79	Head	2R:-:25185740-25185708;2R:-:25185740-25185708	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_44055	TAMVYYTR	AGAP002654-PA,AGAP002654-PB	M3(Oxidation)	54	6.58E-05	1	1020.480	-1.43	Ovary	2R:-:25185647-25185624;2R:-:25185647-25185624	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_44950	AYDVNGRDQNQHVDLWR	AGAP002654-PA,AGAP002654-PB	N5(Deamidated)	78	2.03E-07	1	2085.987	0.92	Head	2R:-:25186526-25186476;2R:-:25186526-25186476	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_45027	MKPDELTINCVYSK	AGAP002654-PA,AGAP002654-PB	M1(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	73	7.05E-07	2	1713.827	4.75	Malpighian tubule	2R:-:25185200-25185159;2R:-:25185200-25185159	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_46144	DVIVAVLDDDMTEEK	AGAP002654-PA,AGAP002654-PB	M11(Oxidation)	79	1.81E-07	2	1707.799	-0.54	Midgut	2R:-:25186703-25186659;2R:-:25186703-25186659	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_46228	EFFSGAGGEVK	AGAP002654-PA,AGAP002654-PB	-	35	0.003534676	2	1127.538	1.15	Salivary gland	2R:-:25185740-25185708;2R:-:25185740-25185708	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_46376	TTGAGPLMGGNTAVGGGPGGFGGGK	AGAP002654-PA,AGAP002654-PB	M8(Oxidation)	127	3.10E-12	1	2090.999	3.25	Larva	2R:-:25185056-25184982;2R:-:25185056-25184982	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_46433	RIHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	48	3.75E-05	1	1833.061	6.49	Malpighian tubule	2R:-:25186235-25186188;2R:-:25186235-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_48269	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	54	6.30E-05	1	1092.583	-0.68	Ovary	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_49964	MKPDELTINCVYSK	AGAP002654-PA,AGAP002654-PB	M1(Oxidation), C10(Carbamidomethyl)	66	3.40E-06	2	1713.825	3.54	Head	2R:-:25185200-25185159;2R:-:25185200-25185159	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_50639	FIFSPQHYHPYR	AGAP002654-PA,AGAP002654-PB	-	51	0.000139855	1	1591.787	4.1	Malpighian tubule	2R:-:25185707-25185672;2R:-:25185707-25185672	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_50723	DITEQQLR	AGAP002654-PA,AGAP002654-PB	-	39	0.002428041	2	1002.524	2.35	Larva	2R:-:25186916-25186893;2R:-:25186916-25186893	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_50996	TVTEEEVYEHFK	AGAP002654-PA,AGAP002654-PB	-	104	5.40E-10	1	1510.708	1.32	Pupa	2R:-:25186157-25186122;2R:-:25186157-25186122	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_51703	TVTEEEVYEHFK	AGAP002654-PA,AGAP002654-PB	-	77	3.06E-07	2	1510.707	0.75	Ovary	2R:-:25186157-25186122;2R:-:25186157-25186122	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_52424	ALACTTFPAPTEANK	AGAP002654-PA,AGAP002654-PB	C4(Carbamidomethyl)	73	7.84E-07	1	1591.780	0.81	Ovary	2R:-:25186034-25185990;2R:-:25186034-25185990	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_53162	DQNQHVDLWR	AGAP002654-PA,AGAP002654-PB	-	72	9.54E-07	1	1310.624	0.49	Pupa	2R:-:25186505-25186476;2R:-:25186505-25186476	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_53294	QFGDIDFVNR	AGAP002654-PA,AGAP002654-PB	-	48	0.000192384	2	1210.587	1.58	Pupa	2R:-:25186121-25186092;2R:-:25186121-25186092	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_53607	DITEQQLR	AGAP002654-PA,AGAP002654-PB	-	53	9.30E-05	1	1002.521	-0.75	Pupa	2R:-:25186916-25186893;2R:-:25186916-25186893	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_55354	IFFETEEQAAK	AGAP002654-PA,AGAP002654-PB	Q8(Deamidated)	83	7.48E-08	1	1312.643	0.46	Ovary	2R:-:25186307-25186275;2R:-:25186307-25186275	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_55591	YDGPLVLR	AGAP002654-PA,AGAP002654-PB	-	46	0.000268791	2	932.520	-0.29	Malpighian tubule	2R:-:25185959-25185936;2R:-:25185959-25185936	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_55930	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	104	1.16E-10	1	1676.954	3.34	Malpighian tubule	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_56696	NCGENAIVCYK	AGAP002654-PA,AGAP002654-PB	C2(Carbamidomethyl), C9(Carbamidomethyl)	63	3.12E-06	1	1327.578	0.62	Ovary	2R:-:25186088-25186056;2R:-:25186088-25186056	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_57435	TSVYVAPLER	AGAP002654-PA,AGAP002654-PB	-	41	0.001143592	1	1134.613	-2.03	Pupa	2R:-:25186187-25186158;2R:-:25186187-25186158	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_58212	ITESLSEDAIFR	AGAP002654-PA,AGAP002654-PB	-	79	2.09E-07	1	1380.707	4.96	Malpighian tubule	2R:-:25185497-25186954,25184751-25185303;2R:-:25185497-25186954,25184954-25185303	exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PB
JHU_Ag_58754	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	127	3.04E-12	1	1611.798	4.79	Head	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB

JHU_Ag_58973	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	44	0.000570 64	1	1092.582	-1.23	Midgut	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_59383	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	53	5.78E-05	1	1092.586	2.3	Larva	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_60964	ACSEAGTITEAIANNVSQGSSNYYAR	AGAP002654-PA,AGAP002654-PB	C2(Carbamidomethyl)	69	1.41E-06	1	2734.237	-0.2	Ovary	2R:-:25186385-25186308;2R:-:25186385-25186308	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_61618	EFFSGAGGEVK	AGAP002654-PA,AGAP002654-PB	-	46	0.000259 004	1	1127.537	-0.29	Midgut	2R:-:25185740-25185708;2R:-:25185740-25185708	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_61896	NTLALLVFK	AGAP002654-PA,AGAP002654-PB	-	58	3.13E-06	2	1018.630	0.75	Pupa	2R:-:25186838-25186812;2R:-:25186838-25186812	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_62946	ITESLSEDAIFR	AGAP002654-PA,AGAP002654-PB	-	88	2.53E-08	2	1380.702	1.16	Ovary	2R:-:25185497-25186954,251847 51-25185303;2R:-:25185497-25186954,251849 54-25185303	exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PB
JHU_Ag_63447	IFFETEEQAAK	AGAP002654-PA,AGAP002654-PB	-	56	3.28E-05	2	1312.642	0.09	Male reproductive organs	2R:-:25186307-25186275;2R:-:25186307-25186275	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_63503	ALACTTFPAPTEANK	AGAP002654-PA,AGAP002654-PB	C4(Carbamidomethyl)	75	5.61E-07	2	1591.778	-0.11	Head	2R:-:25186034-25185990;2R:-:25186034-25185990	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_63715	IFFETEEQAAKAAELLNGK	AGAP002654-PA,AGAP002654-PB	-	80	1.06E-07	1	2109.098	5.74	Malpighian tubule	2R:-:25186307-25186251;2R:-:25186307-25186251	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_64254	ALACTTFPAPTEANKEATK	AGAP002654-PA,AGAP002654-PB	C4(Carbamidomethyl)	51	0.000144 506	1	2021.003	0.92	Ovary	2R:-:25186034-25185978;2R:-:25186034-25185978	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_64556	DNEHQR	AGAP002654-PA,AGAP002654-PB	-	31	0.003134 741	2	798.351	1.98	Head	2R:-:25187448-25187495,251854 88-25186944;2R:-:25187448-25187495,251854 88-25186944	exon=> In CDS Exon 3 and 2 of transcript AGAP002654-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP002654-PB
JHU_Ag_65242	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	93	8.68E-09	2	1611.794	2.22	Visceras	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_66780	GDCNFSQQK	AGAP002654-PA,AGAP002654-PB	C3(Carbamidomethyl)	32	0.002614 328	2	1083.450	-1.9	Ovary	2R:-:25185542-25185516;2R:-:25185542-25185516	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_66966	ITESLSEDAIFR	AGAP002654-PA,AGAP002654-PB	-	62	1.04E-05	2	1380.703	1.86	Salivary gland	2R:-:25185497-25186954,25184751-25185303;2R:-:25185497-25186954,25184954-25185303	exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PB
JHU_Ag_68068	LSSPQPVKTAMVYYTR	AGAP002654-PA,AGAP002654-PB	M11(Oxidation)	42	0.000764134	1	1856.969	5.98	Malpighian tubule	2R:-:25185671-25185624;2R:-:25185671-25185624	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_68549	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	58	5.05E-06	2	1676.947	-0.73	Midgut	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_69071	ALACTTFPAPTEANK	AGAP002654-PA,AGAP002654-PB	C4(Carbamidomethyl)	63	8.54E-06	1	1591.779	0.27	Salivary gland	2R:-:25186034-25185990;2R:-:25186034-25185990	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_69081	ALACTTFPAPTEANK	AGAP002654-PA,AGAP002654-PB	C4(Carbamidomethyl)	55	5.39E-05	1	1591.779	0.2	Visceras	2R:-:25186034-25185990;2R:-:25186034-25185990	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_69308	IFFETEEQAAK	AGAP002654-PA,AGAP002654-PB	-	83	7.36E-08	1	1312.643	0.46	Head	2R:-:25186307-25186275;2R:-:25186307-25186275	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_69565	EHCEVTQVFIFHPLGYVHLGK	AGAP002654-PA,AGAP002654-PB	C3(Carbamidomethyl)	41	0.001029101	1	2510.268	1.09	Malpighian tubule	2R:-:25186640-25186578;2R:-:25186640-25186578	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_69980	IFFETEEQAAK	AGAP002654-PA,AGAP002654-PB	-	79	1.86E-07	1	1312.642	-0.38	Midgut	2R:-:25186307-25186275;2R:-:25186307-25186275	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_70839	YDGPLVLR	AGAP002654-PA,AGAP002654-PB	-	46	0.000316697	2	932.521	1.54	Visceras	2R:-:25185959-25185936;2R:-:25185959-25185936	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_71320	EFFSGAGGEVK	AGAP002654-PA,AGAP002654-PB	-	52	6.78E-05	2	1127.538	0.83	Ovary	2R:-:25185740-25185708;2R:-:25185740-25185708	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_71458	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	119	1.92E-11	1	1611.798	4.72	Malpighian tubule	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_73171	IHIEYITIR	AGAP002654-PA,AGAP002654-PB	-	40	0.000642013	1	1157.672	4.02	Malpighian tubule	2R:-:25186742-25186716;2R:-:25186742-25186716	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_75214	FIFSPQHYHPYR	AGAP002654-PA,AGAP002654-PB	-	55	5.74E-05	1	1591.788	4.58	Head	2R:-:25185707-25185672;2R:-:25185707-25185672	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_75611	NTLALLVFK	AGAP002654-PA,AGAP002654-PB	-	45	6.14E-05	2	1018.629	-0.51	Midgut	2R:-:25186838-25186812;2R:-:25186838-25186812	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_75813	NTLALLVFK	AGAP002654-PA,AGAP002654-PB	-	53	1.01E-05	1	1018.630	0.27	Head	2R:-:25186838-25186812;2R:-:25186838-25186812	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_75856	LQAFYPVYVSNIPFSCPAHVIR	AGAP002654-PA,AGAP002654-PB	C16(Carbamidomethyl),"Q2(Deamidated),C16(Carbamidomethyl)"	49	0.000128075	1	2578.329	0.67	Midgut	2R:-:25185806-25185741;2R:-:25185806-25185741	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_76197	LQAFYPVYVSNIPFSCPAHVIR	AGAP002654-PA,AGAP002654-PB	C16(Carbamidomethyl)	39	0.001100744	1	2578.352	9.33	Malpighian tubule	2R:-:25185806-25185741;2R:-:25185806-25185741	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_76815	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	136	3.87E-13	1	1611.792	1.23	Salivary gland	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_77911	TSVYVAPLER	AGAP002654-PA,AGAP002654-PB	-	45	0.000384217	2	1134.615	-0.42	Ovary	2R:-:25186187-25186158;2R:-:25186187-25186158	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_78275	VQLLNIPQK	AGAP002654-PA,AGAP002654-PB	-	46	4.45E-05	1	1052.646	-0.24	Salivary gland	2R:-:25186442-25186416;2R:-:25186442-25186416	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_78887	SLAFVEFADAADVEKVLK	AGAP002654-PA,AGAP002654-PB	-	36	0.002044968	1	1952.043	2.88	Malpighian tubule	2R:-:25185254-25185201;2R:-:25185254-25185201	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_79003	DITEQQLR	AGAP002654-PA,AGAP002654-PB	-	50	0.000211138	2	1002.522	0.04	Ovary	2R:-:25186916-25186893;2R:-:25186916-25186893	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_80087	VQLLNIPQK	AGAP002654-PA,AGAP002654-PB	-	40	0.000194165	2	1052.647	0.57	Pupa	2R:-:25186442-25186416;2R:-:25186442-25186416	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_80998	ITESLSEDAIFRK	AGAP002654-PA,AGAP002654-PB	-	87	2.81E-08	1	1508.795	-0.16	Midgut	2R:-:25185497-25186954,25184751-25185300;2R:-:25185497-25186954,25184954-25185300	exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PB
JHU_Ag_82225	DQNQHVDLWR	AGAP002654-PA,AGAP002654-PB	-	64	5.75E-06	1	1310.624	0.4	Ovary	2R:-:25186505-25186476;2R:-:25186505-25186476	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_82311	IHIEYITIR	AGAP002654-PA,AGAP002654-PB	-	40	0.000960111	1	1157.669	0.65	Ovary	2R:-:25186742-25186716;2R:-:25186742-25186716	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_83222	DVDKAAVLEK	AGAP002654-PA,AGAP002654-PB	-	51	0.000138764	1	1087.599	-0.35	Ovary	2R:-:25186577-25186548;2R:-:25186577-25186548	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_84073	RSDMLNAIK	AGAP002654-PA,AGAP002654-PB	-	46	0.000376563	1	1047.564	2.3	Malpighian tubule	2R:-:25185623-25185597;2R:-:25185623-25185597	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_84134	ACSEAGTITEAIANNVSQGSSNYYAR	AGAP002654-PA,AGAP002654-PB	C2(Carbamidomethyl)	64	4.10E-06	3	2734.236	-0.67	Midgut	2R:-:25186385-25186308;2R:-:25186385-25186308	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_85010	ITESLSEDAIFR	AGAP002654-PA,AGAP002654-PB	-	88	2.63E-08	2	1380.703	1.42	Pupa	2R:-:25185497-25186954,25184751-25185303;2R:-:25185497-25186954,25184954-25185303	exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PB
JHU_Ag_85422	DHFAGHEVER	AGAP002654-PA,AGAP002654-PB	-	54	4.02E-05	1	1196.540	-3.56	Head	2R:-:25186892-25186863;2R:-:25186892-25186863	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_86166	TVTEEEVYEHFKQFGDIDFVNR	AGAP002654-PA,AGAP002654-PB	-	143	7.79E-14	1	2702.284	3.87	Malpighian tubule	2R:-:25186157-25186092;2R:-:25186157-25186092	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_86263	MLNNQHLHVLPGRGDCNFSQQK	AGAP002654-PA,AGAP002654-PB	M1(Oxidation), C16(Carbamidomethyl)	72	9.14E-07	1	2609.255	3.24	Malpighian tubule	2R:-:25185581-25185516;2R:-:25185581-25185516	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_86438	TINVGNLPK	AGAP002654-PA,AGAP002654-PB	-	44	0.000277486	2	955.557	-0.23	Salivary gland	2R:-:25186943-25186917;2R:-:25186943-25186917	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_86790	NTLALLVFKEK	AGAP002654-PA,AGAP002654-PB	-	77	3.98E-08	1	1275.767	-0.5	Ovary	2R:-:25186838-25186806;2R:-:25186838-25186806	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_89264	TTGAGPLMGGNTAVGGGPGGFGGGK	AGAP002654-PA,AGAP002654-PB	M8(Oxidation)	159	1.77E-15	1	2090.997	1.96	Head	2R:-:25185056-25184982;2R:-:25185056-25184982	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_89833	DHFAGHEVER	AGAP002654-PA,AGAP002654-PB	-	60	1.23E-05	1	1196.550	4.69	Larva	2R:-:25186892-25186863;2R:-:25186892-25186863	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_93015	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	86	3.56E-08	2	1611.805	8.96	Larva	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_93432	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	29	0.003555043	3	1676.951	1.33	Visceras	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_93849	TTGAGPLMGGNTAVGGGPGGFGGGK	AGAP002654-PA,AGAP002654-PB	M8(Oxidation)	155	4.52E-15	1	2091.001	4.18	Malpighian tubule	2R:-:25185056-25184982;2R:-:25185056-25184982	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_93919	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	54	6.30E-05	1	1092.584	0.55	Male reproductive organs	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_95871	VQLLNIPQK	AGAP002654-PA,AGAP002654-PB	-	59	2.31E-06	1	1052.646	-0.48	Midgut	2R:-:25186442-25186416;2R:-:25186442-25186416	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_96098	WVENTEELKK	AGAP002654-PA,AGAP002654-PB	-	51	0.000141897	2	1275.658	-0.09	Midgut	2R:-:25186415-25186386;2R:-:25186415-25186386	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_96182	QFGDIDFVNRR	AGAP002654-PA,AGAP002654-PB	-	46	0.000422196	1	1366.688	1.4	Pupa	2R:-:25186121-25186089;2R:-:25186121-25186089	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_96792	IFFETEEQAAK	AGAP002654-PA,AGAP002654-PB	-	76	3.19E-07	1	1312.643	0.55	Pupa	2R:-:25186307-25186275;2R:-:25186307-25186275	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_98086	ITESLSEDAIFRK	AGAP002654-PA,AGAP002654-PB	-	43	0.000629897	1	1508.795	-0.39	Ovary	2R:-:25185497-25186954,25184751-25185300;2R:-:25185497-25186954,25184954-25185300	exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002654-PB
JHU_Ag_99530	EHCEVTQVFIFHPLGYVHLGK	AGAP002654-PA,AGAP002654-PB	C3(Carbamidomethyl)	127	2.36E-12	1	2510.285	7.95	Ovary	2R:-:25186640-25186578;2R:-:25186640-25186578	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_99550	TDAEKTAPETTAETK	AGAP002654-PA,AGAP002654-PB	N-Term(Acetyl)	83	8.55E-08	1	1634.782	3.62	Malpighian tubule	2R:-:25187644-25187600;2R:-:25187644-25187600	exon=> In CDS Exon 1 of transcript AGAP002654-PA;exon=> In CDS Exon 1 of transcript AGAP002654-PB
JHU_Ag_100073	YDGPLVLR	AGAP002654-PA,AGAP002654-PB	-	65	3.52E-06	2	932.520	-0.03	Pupa	2R:-:25185959-25185936;2R:-:25185959-25185936	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_100387	ILGTIVR	AGAP002654-PA,AGAP002654-PB	-	38	0.000883877	2	771.509	0.12	Ovary	2R:-:25185110-25185090;2R:-:25185110-25185090	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_100686	IHIEYITIR	AGAP002654-PA,AGAP002654-PB	-	40	0.000616 81	1	1157.671	2.55	Salivary gland	2R:-:25186742-25186716;2R:-:25186742-25186716	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_101512	RIHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	60	2.42E-06	1	1833.063	7.49	Ovary	2R:-:25186235-25186188;2R:-:25186235-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_101852	TTGAGPLMGGNTAVGGGPGGFGGGK	AGAP002654-PA,AGAP002654-PB	M8(Oxidation)	137	3.49E-13	1	2090.992	-0.26	Ovary	2R:-:25185056-25184982;2R:-:25185056-25184982	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_102037	LQAFYPVYVSNIPFSCPAHVIR	AGAP002654-PA,AGAP002654-PB	C16(Carbamidomethyl)	77	2.13E-07	1	2578.334	2.44	Salivary gland	2R:-:25185806-25185741;2R:-:25185806-25185741	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_102055	TTGAGPLMGGNTAVGGGPGGFGGGK	AGAP002654-PA,AGAP002654-PB	M8(Oxidation)	137	3.37E-13	1	2090.996	1.73	Salivary gland	2R:-:25185056-25184982;2R:-:25185056-25184982	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_102095	DITEQQLRDHFAGHEVER	AGAP002654-PA,AGAP002654-PB	-	36	0.003568917	1	2180.054	2.94	Ovary	2R:-:25186916-25186863;2R:-:25186916-25186863	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_102759	TVTEEEVYEHFK	AGAP002654-PA,AGAP002654-PB	-	104	5.56E-10	1	1510.706	-0.22	Visceras	2R:-:25186157-25186122;2R:-:25186157-25186122	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_102828	MLNNQHLHVLPGR	AGAP002654-PA,AGAP002654-PB	M1(Oxidation)	70	1.42E-06	1	1544.810	-1.15	Midgut	2R:-:25185581-25185543;2R:-:25185581-25185543	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_103007	IHALHLSSALLPNYK	AGAP002654-PA,AGAP002654-PB	-	57	5.49E-06	1	1676.954	3.3	Salivary gland	2R:-:25186232-25186188;2R:-:25186232-25186188	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_103338	TSVYVAPLER	AGAP002654-PA,AGAP002654-PB	-	40	0.001118885	1	1134.616	0.76	Salivary gland	2R:-:25186187-25186158;2R:-:25186187-25186158	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_105638	IHALHLSSALLPNYKTSVYVAPLER	AGAP002654-PA,AGAP002654-PB	-	115	5.83E-12	1	2792.569	8.14	Malpighian tubule	2R:-:25186232-25186158;2R:-:25186232-25186158	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_106023	VQLLNIPQK	AGAP002654-PA,AGAP002654-PB	N5(Deamidated),Q8(Deamidated)	38	0.000279279	2	1052.649	2.89	Ovary	2R:-:25186442-25186416;2R:-:25186442-25186416	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_106281	TINVGNLPK	AGAP002654-PA,AGAP002654-PB	-	35	0.001855359	2	955.560	2.77	Malpighian tubule	2R:-:25186943-25186917;2R:-:25186943-25186917	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_106635	SLAFVEFADAADVEK	AGAP002654-PA,AGAP002654-PB	-	112	9.82E-11	2	1611.791	0.33	Midgut	2R:-:25185254-25185210;2R:-:25185254-25185210	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_106654	MKPDELTINCVYSK	AGAP002654-PA,AGAP002654-PB	M1(Oxidation),C10(Carbamidomethyl)	77	3.31E-07	2	1713.815	-1.95	Midgut	2R:-:25185200-25185159;2R:-:25185200-25185159	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_107442	VEIYHYLR	AGAP002654-PA,AGAP002654-PB	-	53	7.67E-05	1	1092.580	-3.02	Head	2R:-:25186862-25186839;2R:-:25186862-25186839	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_108061	TTGAGPLMGGNTAVGGGPGGFGGGKRPR	AGAP002654-PA,AGAP002654-PB	M8(Oxidation)	114	5.09E-11	1	2500.258	4.15	Malpighian tubule	2R:-:25185056-25184973;2R:-:25185056-25184973	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_108064	YDGPLVLR	AGAP002654-PA,AGAP002654-PB	-	58	1.67E-05	2	932.519	-0.81	Salivary gland	2R:-:25185959-25185936;2R:-:25185959-25185936	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_109063	LQAFYPVYVSNIPFSCPAHVIR	AGAP002654-PA,AGAP002654-PB	C16(Carbamidomethyl)	101	7.65E-10	1	2578.336	3.37	Head	2R:-:25185806-25185741;2R:-:25185806-25185741	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_109248	TINVGNLPK	AGAP002654-PA,AGAP002654-PB	-	39	0.000815157	2	955.557	0.15	Ovary	2R:-:25186943-25186917;2R:-:25186943-25186917	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_109771	TTGAGPLMGGNTAVGGGPGGFGGGK	AGAP002654-PA,AGAP002654-PB	M8(Oxidation)	58	2.32E-05	1	2090.992	-0.02	Male reproductive organs	2R:-:25185056-25184982;2R:-:25185056-25184982	exon=> In CDS Exon 4 of transcript AGAP002654-PA;exon=> In CDS Exon 4 of transcript AGAP002654-PB
JHU_Ag_110038	AYDVNGRDQNQHVDLWR	AGAP002654-PA,AGAP002654-PB	N5(Deamidated)	110	1.54E-10	1	2085.996	5.3	Malpighian tubule	2R:-:25186526-25186476;2R:-:25186526-25186476	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_110518	TVTEEEVYEHFK	AGAP002654-PA,AGAP002654-PB	-	72	9.23E-07	2	1510.705	-0.54	Malpighian tubule	2R:-:25186157-25186122;2R:-:25186157-25186122	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_110743	WVENTEELKK	AGAP002654-PA,AGAP002654-PB	-	52	0.000120219	2	1275.658	0.1	Ovary	2R:-:25186415-25186386;2R:-:25186415-25186386	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_112020	ACSEAGTITEAIANNVSQGSSNYYAR	AGAP002654-PA,AGAP002654-PB	C2(Carbamidomethyl)	95	4.10E-09	2	2734.250	4.53	Head	2R:-:25186385-25186308;2R:-:25186385-25186308	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_112148	NTLALLVFKEK	AGAP002654-PA,AGAP002654-PB	-	61	1.29E-06	1	1275.771	2.66	Head	2R:-:25186838-25186806;2R:-:25186838-25186806	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_112733	NTLALLVFK	AGAP002654-PA,AGAP002654-PB	-	44	5.69E-05	1	1018.637	7.42	Larva	2R:-:25186838-25186812;2R:-:25186838-25186812	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_114825	ALACTTFPAPTEANK	AGAP002654-PA,AGAP002654-PB	C4(Carbamidomethyl)	73	8.32E-07	1	1591.780	0.96	Midgut	2R:-:25186034-25185990;2R:-:25186034-25185990	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB
JHU_Ag_115118	AENDGTEGDVQK	AGAP002654-PA,AGAP002654-PB	-	85	2.07E-08	1	1262.549	-0.08	Malpighian tubule	2R:-:25187484-25187449;2R:-:25187484-25187449	exon=> In CDS Exon 2 of transcript AGAP002654-PA;exon=> In CDS Exon 2 of transcript AGAP002654-PB
JHU_Ag_115693	TVTEEEVYEHFK	AGAP002654-PA,AGAP002654-PB	-	87	2.79E-08	1	1510.708	1	Salivary gland	2R:-:25186157-25186122;2R:-:25186157-25186122	exon=> In CDS Exon 3 of transcript AGAP002654-PA;exon=> In CDS Exon 3 of transcript AGAP002654-PB

JHU_Ag_116918	AENDGTEGDVQK	AGAP002654-PA,AGAP002654-PB	-	72	4.43E-07	2	1262.554	3.5	Head	2R:-:25187484-25187449;2R:-:25187484-25187449	exon=> In CDS Exon 2 of transcript AGAP002654-PA;exon=> In CDS Exon 2 of transcript AGAP002654-PB
JHU_Ag_2168	FSNDNDGPFSGNSGGNAGGGNNSFGANNR	AGAP002654-PB	-	56	6.31E-06	1	2802.152	1.25	Ovary	2R:-:25182513-25182427	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_2590	NVGESLAAGGGNVGGNQGPNR	AGAP002654-PB	-	143	7.50E-14	1	1924.927	2.63	Malpighian tubule	2R:-:25183587-25183525	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_2725	NNDNNKGGWNSNNSGLGGGR	AGAP002654-PB	-	58	1.53E-05	1	2031.894	-1.67	Head	2R:-:25182141-25182082	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_5476	FSDDNIGGGGYGGGGNTSNR	AGAP002654-PB	-	133	2.17E-13	1	1901.802	0.38	Ovary	2R:-:25182402-25182343	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_6168	FSDDNIGGGGYGGGGNTSNR	AGAP002654-PB	-	86	1.06E-08	2	1901.800	-0.39	Salivary gland	2R:-:25182402-25182343	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_8158	GGNFNDSGNNFGGNNR	AGAP002654-PB	-	89	5.18E-09	1	1640.680	0.01	Salivary gland	2R:-:25182342-25182295	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_9034	SNNNQDNIGRLAGSLFSR	AGAP002654-PB	-	73	9.25E-07	1	1962.980	2.79	Malpighian tubule	2R:-:25182081-25182028	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_15312	NVGESLAAGGGNVGGNQGPNR	AGAP002654-PB	N16(Deamidated),N12(Deamidated),N20(Deamidated),Q17(Deamidated)	183	8.39E-18	1	1924.927	2.57	Ovary	2R:-:25183587-25183525	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_23649	FSDDNIGGGGYGGGGNTSNR	AGAP002654-PB	-	116	1.19E-11	1	1901.804	1.79	Malpighian tubule	2R:-:25182402-25182343	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_29732	GGWNSNNSGLGGGR	AGAP002654-PB	-	91	7.97E-09	2	1332.603	-1.08	Head	2R:-:25182123-25182082	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_31375	NNDNSYSNDNFGGGR	AGAP002654-PB	-	92	1.38E-09	1	1630.648	0.09	Head	2R:-:25182744-25182700	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_34240	NDSYSSDSNFGGNSGGGGGGR	AGAP002654-PB	-	83	6.90E-09	2	1948.770	2.57	Malpighian tubule	2R:-:25182699-25182637	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_34964	GGNFNDSGNNFGGNNR	AGAP002654-PB	N15(Deamidated),N14(Deamidated),N9(Deamidated),N10(Deamidated)	104	1.57E-10	1	1640.681	0.91	Ovary	2R:-:25182342-25182295	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_36288	NNDSYGSNRNDNFGGSGGGSSNFGGGNAFGNNSR	AGAP002654-PB	-	193	1.38E-19	1	3355.374	0.21	Head	2R:-:25182615-25182514	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_36672	NVGESLAAGGGNVGGNQGPNR	AGAP002654-PB	N1(Deamidated)	136	3.56E-13	1	1924.921	-0.73	Salivary gland	2R:-:25183587-25183525	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_39275	NNDNSYSNDNFGGGRNDSYSSDSNFGGNSGGGGGGR	AGAP002654-PB	-	34	0.000274103	3	3560.401	1.59	Ovary	2R:-:25182744-25182637	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_40803	NDSYSSDSNFGGNSGGGGGGR	AGAP002654-PB	-	70	1.27E-07	2	1948.765	-0.19	Salivary gland	2R:-:25182699-25182637	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_42425	LAGSLFSRR	AGAP002654-PB	-	35	0.002395149	1	1006.581	1.37	Malpighian tubule	2R:-:25182051-25182025	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_45105	FSNDNDGPFSGNSGGNAGGGNNSFGANNR	AGAP002654-PB	-	61	2.48E-06	1	2802.154	1.84	Head	2R:-:25182513-25182427	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_52326	NVGESLAAGGGNVGGNQGPNR	AGAP002654-PB	-	85	5.29E-08	1	1924.922	0.03	Visceras	2R:-:25183587-25183525	exon=> In CDS Exon 5 of transcript AGAP002654-PB

JHU_Ag_53446	NMNNMNNRNNSNNMNMNNK	AGAP002654-PB	M2(Oxidation), N3(Deamidated), N4(Deamidated), N6(Deamidated), N7(Deamidated), N9(Deamidated), N10(Deamidated), N12(Deamidated), N13(Deamidated), M14(Oxidation), M16(Oxidation)	13	0.00379126	2	2338.754	-11.03	Visceras	2R:-:25183155-25183099	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_59778	NNDNSYSNDNFGGGR	AGAP002654-PB	-	116	5.86E-12	2	1630.648	0.39	Ovary	2R:-:25182744-25182700	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_61601	NNDNSYSNDNFGGGR	AGAP002654-PB	-	62	1.18E-06	1	1630.646	-1.03	Salivary gland	2R:-:25182744-25182700	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_61871	GGWNSNNSGLGGGR	AGAP002654-PB	-	68	1.32E-06	2	1332.603	-0.53	Salivary gland	2R:-:25182123-25182082	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_62314	GLGNNSNNNAGGNNNFGNQNQSGGGSGGPR	AGAP002654-PB	-	27	0.009972573	1	2831.215	-1.14	Ovary	2R:-:25183314-25183225	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_64736	GLGNNSNNNAGGNNNFGNQNQSGGGSGGPR	AGAP002654-PB	-	62	3.39E-06	3	2831.224	2.03	Malpighian tubule	2R:-:25183314-25183225	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_66615	NDSYSSDSNFGGNSGGGGGGR	AGAP002654-PB	-	81	1.20E-08	2	1948.766	0.19	Ovary	2R:-:25182699-25182637	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_67259	NNDNSYSNDNFGGGRNDSYSSDSNFGGNSGGGGGGR	AGAP002654-PB	-	72	3.58E-08	3	3560.398	0.77	Head	2R:-:25182744-25182637	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_68331	FSNDNDGPFSGNSGGNAGGGNNSFGANNRGNNSSNSR	AGAP002654-PB	N16(Deamidated),N12(Deamidated),N21(Deamidated)	124	1.17E-12	1	3618.511	4.12	Malpighian tubule	2R:-:25182513-25182403	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_70895	TGGNNNLPQQNAALPAGGVAAAVGGGNMNK	AGAP002654-PB	-	77	2.51E-07	1	2763.375	5.75	Malpighian tubule	2R:-:25183095-25183006	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_73263	FSDDNIGGGGYGGGGNTSNR	AGAP002654-PB	-	151	3.52E-15	1	1901.803	0.89	Head	2R:-:25182402-25182343	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_79857	FSDDNIGGGGYGGGGNTSNR	AGAP002654-PB	-	147	9.12E-15	1	1901.804	1.73	Visceras	2R:-:25182402-25182343	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_83750	FSNDNDGPFSGNSGGNAGGGNNSFGANNR	AGAP002654-PB	-	87	5.99E-09	3	2802.160	4.19	Malpighian tubule	2R:-:25182513-25182427	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_86954	LAFMSGKNVGESLAAGGGNVGGNQGPNR	AGAP002654-PB	M4(Oxidation)	116	3.54E-11	1	2675.313	6.56	Malpighian tubule	2R:-:25183608-25183525	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_87213	NDNFGGSGGGSSNFGGGNAFGNNSR	AGAP002654-PB	N18(Deamidated)	131	2.34E-13	2	2347.968	0.26	Ovary	2R:-:25182588-25182514	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_87486	GGWNSNNSGLGGGR	AGAP002654-PB	-	53	4.94E-05	2	1332.604	0.21	Male reproductive organs	2R:-:25182123-25182082	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_88128	NDNFGGSGGGSSNFGGGNAFGNNSR	AGAP002654-PB	-	139	3.72E-14	2	2347.968	0.36	Head	2R:-:25182588-25182514	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_89832	GGGGALGGGGGNNNSGGGMMNNR	AGAP002654-PB	M19(Oxidation), M20(Oxidation)	82	1.59E-08	2	1994.820	2.41	Malpighian tubule	2R:-:25183224-25183156	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_92309	NDNFGGSGGGSSNFGGGNAFGNNSR	AGAP002654-PB	-	124	1.13E-12	1	2347.973	2.65	Visceras	2R:-:25182588-25182514	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_95886	SNNNQDNIGR	AGAP002654-PB	-	43	0.00035063	2	1131.514	0.27	Salivary gland	2R:-:25182081-25182052	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_98052	GGWNSNNSGLGGGR	AGAP002654-PB	-	77	2.03E-07	2	1332.605	0.57	Ovary	2R:-:25182123-25182082	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_98824	NVGESLAAGGGNVGGNQGPNR	AGAP002654-PB	-	158	2.44E-15	1	1924.925	1.37	Head	2R:-:25183587-25183525	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_105229	GGNFNDSGNNFGGNNR	AGAP002654-PB	-	94	1.53E-09	1	1640.686	3.88	Malpighian tubule	2R:-:25182342-25182295	exon=> In CDS Exon 5 of transcript AGAP002654-PB

JHU_Ag_106339	GGNFNDSGNNFGGNNR	AGAP002654-PB	-	104	1.45E-10	1	1640.680	0.24	Head	2R:-:25182342-25182295	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_107983	NDSYSSDSNFGGNSGGGGGGR	AGAP002654-PB	-	113	7.01E-12	2	1948.763	-1.38	Head	2R:-:25182699-25182637	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_108411	FSDDNIGGGGYGGGGNTSNRGGNFNDSGNNFGGNNR	AGAP002654-PB	-	40	0.000380249	3	3523.476	3.79	Malpighian tubule	2R:-:25182402-25182295	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_108746	TGGNNNLPQQNAALPAGGVAAAVGGGNMNK	AGAP002654-PB	-	40	0.001621317	3	2763.354	-1.8	Ovary	2R:-:25183095-25183006	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_111940	NVGESLAAGGGNVGGNQGPNR	AGAP002654-PB	-	87	3.32E-08	2	1924.922	-0.03	Male reproductive organs	2R:-:25183587-25183525	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_115907	NDNFGGSGGGSSNFGGGNAFGNNSR	AGAP002654-PB	-	72	2.06E-07	2	2347.972	2.02	Salivary gland	2R:-:25182588-25182514	exon=> In CDS Exon 5 of transcript AGAP002654-PB
JHU_Ag_460	VQSVVLFHPLAYVTCTSPEDK	AGAP002655-PA	C15(Carbamidomethyl)	155	4.56E-15	1	2390.214	3.4	Head	2R:+:25190887-25190949	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_2074	LWPIYVANLPYK	AGAP002655-PA	-	73	3.85E-07	1	1476.826	0.5	Male reproductive organs	2R:+:25191748-25191783	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_2384	AVESSGTVTEVR	AGAP002655-PA	-	97	3.35E-09	1	1234.627	-0.05	Head	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_3126	ALECTTLPVTK	AGAP002655-PA	C4(Carbamidomethyl)	57	3.03E-05	1	1232.656	0.31	Salivary gland	2R:+:25191475-25191507	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_3308	VNMGGGFGGK	AGAP002655-PA	M3(Oxidation)	39	0.000918057	1	939.437	1.95	Malpighian tubule	2R:+:25192879-25192908	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_3922	EIKQYFSSYGGHIK	AGAP002655-PA	-	59	1.78E-05	1	1656.844	3.3	Malpighian tubule	2R:+:25191796-25191837	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_6093	FSGPANFGMQGPR	AGAP002655-PA	M9(Oxidation)	92	7.79E-09	2	1381.633	0.84	Salivary gland	2R:+:25192375-25192390,25192487-25192509	exon=> In CDS Exon 4 and 5 of transcript AGAP002655-PA
JHU_Ag_6365	ELFADHPVESVEIFHYK	AGAP002655-PA	-	79	1.98E-07	1	2060.018	2.6	Malpighian tubule	2R:+:25190066-25190116	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_6416	NFGQNVGGGGGAMGSGGYGR	AGAP002655-PA	M13(Oxidation)	138	1.45E-13	1	1815.787	2.25	Head	2R:+:25192819-25192878	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_7462	ALECTTLPVTKK	AGAP002655-PA	C4(Carbamidomethyl)	47	0.000224408	2	1360.752	0.9	Ovary	2R:+:25191475-25191510	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_7756	EGEETTTEDKTIVVK	AGAP002655-PA	-	99	2.04E-09	1	1678.839	0.41	Head	2R:+:25191511-25191555	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_8077	GASSEEGEEQKQRPPPQPLAK	AGAP002655-PA	-	101	1.25E-09	1	2263.134	1.35	Head	2R:+:25191685-25191747	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_8146	AVESSGTVTEVRVTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	84	4.32E-08	3	3431.675	4.33	Malpighian tubule	2R:+:25191130-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_8160	AVESSGTVTEVR	AGAP002655-PA	-	77	3.58E-07	2	1234.628	0.34	Malpighian tubule	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_9067	LNQQLFEGKR	AGAP002655-PA	-	51	9.60E-05	1	1232.674	-0.43	Head	2R:+:25191244-25191273	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_9314	KEGEETTTEDK	AGAP002655-PA	-	63	5.58E-06	2	1266.570	0.18	Head	2R:+:25191508-25191540	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_9497	QRPPPQPLAK	AGAP002655-PA	-	48	8.29E-05	1	1131.666	2.17	Malpighian tubule	2R:+:25191718-25191747	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_11031	ISLAMQEIIDKNPAVLENVSSDR	AGAP002655-PA	M5(Oxidation)	126	2.54E-12	1	2558.325	4.5	Ovary	2R:+:25192273-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_11494	LNVGNLPADITEEELR	AGAP002655-PA	-	66	3.51E-06	2	1782.925	1	Male reproductive organs	2R:+:25190018-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_12061	KLNVGNLPADITEEELR	AGAP002655-PA	-	112	5.85E-11	2	1911.023	2.72	Ovary	2R:+:25190015-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_12710	FIFSPNIPSYK	AGAP002655-PA	-	39	0.001322288	1	1312.697	2.43	Visceras	2R:+:25191838-25191870	exon=> In CDS Exon 4 of transcript AGAP002655-PA

JHU_Ag_13733	DTYFDVEK	AGAP002655-PA	-	38	0.000752127	1	1016.459	1.74	Midgut	2R:+:25192003-25192026	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_15106	LNVGNLPADITEEELR	AGAP002655-PA	-	59	1.64E-05	2	1782.927	1.96	Salivary gland	2R:+:25190018-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_15263	FIFSPNIPSYK	AGAP002655-PA	-	43	0.000539746	1	1312.699	4.1	Larva	2R:+:25191838-25191870	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_17883	KDVFVHVVDNENVTEEDVYEK	AGAP002655-PA	-	38	0.002147177	1	2507.199	1.98	Ovary	2R:+:25190252-25190285,25190840-25190868	exon=> In CDS Exon 2 and 3 of transcript AGAP002655-PA
JHU_Ag_18856	RYDGPLVLDIK	AGAP002655-PA	-	56	2.81E-05	1	1288.730	2.82	Ovary	2R:+:25191556-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_19716	LNLAVTEEK	AGAP002655-PA	-	50	0.000182921	2	1016.561	-1.44	Pupa	2R:+:25192045-25192071	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_20194	LNQQLFEGKR	AGAP002655-PA	-	62	7.68E-06	1	1232.675	0.46	Salivary gland	2R:+:25191244-25191273	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_20548	LNLAVTEEK	AGAP002655-PA	-	44	0.000708398	2	1016.562	0	Salivary gland	2R:+:25192045-25192071	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_20605	EGEETTTEDKTIVVK	AGAP002655-PA	-	78	2.23E-07	1	1678.842	2.52	Salivary gland	2R:+:25191511-25191555	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_21652	LAFISGK	AGAP002655-PA	-	32	0.002189237	1	735.439	-0.73	Head	2R:+:25192576-25192596	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_22502	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	113	8.43E-11	2	2216.052	0.72	Midgut	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_22940	KIVEAGINVYDCNGHDQNQHIDVLR	AGAP002655-PA	C12(Carbamidomethyl)	97	2.54E-09	1	2907.426	3.33	Malpighian tubule	2R:+:25190965-25191039	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_23711	AVESSGTVTEVR	AGAP002655-PA	-	63	9.76E-06	2	1234.628	0.74	Visceras	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_23916	DKEIAEK	AGAP002655-PA	-	49	0.000305772	1	832.442	1	Salivary gland	2R:+:25192153-25192173	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_25495	YDGPLVLDIK	AGAP002655-PA	-	47	0.00021414	2	1132.627	1.64	Head	2R:+:25191559-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_25509	ISLAMQEIIDKNPAVLENVSSDR	AGAP002655-PA	-	58	1.83E-05	1	2542.317	-0.4	Midgut	2R:+:25192273-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_25746	SSGPPPLKR	AGAP002655-PA	-	45	0.000185729	1	938.544	2.03	Salivary gland	2R:+:25192342-25192368	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_26796	LNQQLFEGK	AGAP002655-PA	-	47	0.000349623	1	1076.574	0	Salivary gland	2R:+:25191244-25191270	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_27570	LAFISGK	AGAP002655-PA	-	32	0.003497899	1	735.440	0.49	Male reproductive organs	2R:+:25192576-25192596	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_28021	IVEAGINVYDCNGHDQNQHIDVLR	AGAP002655-PA	C11(Carbamidomethyl), N17(Deamidated),"C11(Carbamidomethyl), N12(Deamidated)","C11(Carbamidomethyl), Q16(Deamidated)","C11(Carbamidomethyl), Q18(Deamidated)"	44	0.00043958	1	2780.297	-3.24	Midgut	2R:+:25190968-25191039	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_29301	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	169	2.15E-16	1	2216.057	3.03	Salivary gland	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_29905	NQFNPNNGGDFSNPQVIQDLLR	AGAP002655-PA	-	58	2.89E-05	2	2487.203	0.68	Ovary	2R:+:25192510-25192575	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_30250	RFNGGSQQTNR	AGAP002655-PA	-	56	4.55E-05	2	1264.614	-0.28	Head	2R:+:25192909-25192941	exon=> In CDS Exon 5 of transcript AGAP002655-PA

JHU_Ag_30554	TSVYVENLDK	AGAP002655-PA	-	33	0.006894785	2	1167.589	-0.27	Head	2R:+:25191319-25191348	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_31142	NQFNPNNGGDFSNPQVIQDLLR	AGAP002655-PA	N4(Deamidated),N7(Deamidated),N1(Deamidated),Q2(Deamidated)	94	6.84E-09	2	2487.206	2.06	Head	2R:+:25192510-25192575	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_31632	FIFSPNIPSYK	AGAP002655-PA	-	52	6.40E-05	1	1312.691	-2.32	Male reproductive organs	2R:+:25191838-25191870	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_32320	ALECTTLPVTK	AGAP002655-PA	C4(Carbamidomethyl)	53	7.39E-05	1	1232.660	3.97	Malpighian tubule	2R:+:25191475-25191507	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_32506	KLNVGNLPADITEEELR	AGAP002655-PA	-	109	1.16E-10	2	1911.022	1.7	Midgut	2R:+:25190015-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_33775	RYDGPLVLDIK	AGAP002655-PA	-	54	3.55E-05	1	1288.728	1.59	Midgut	2R:+:25191556-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_34259	QYFSSYGGHIK	AGAP002655-PA	-	43	0.000633864	2	1286.612	-3.55	Head	2R:+:25191805-25191837	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_34397	IVEAGINVYDCNGHDQNQHIDVLR	AGAP002655-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl),N12(Deamidated)"	93	7.30E-09	1	2779.335	4.63	Ovary	2R:+:25190968-25191039	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_34585	KLNVGNLPADITEEELR	AGAP002655-PA	-	65	3.11E-06	3	1911.016	-1.24	Male reproductive organs	2R:+:25190015-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_35433	KDTYFDVEK	AGAP002655-PA	-	57	2.15E-05	1	1144.553	0.36	Salivary gland	2R:+:25192000-25192026	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_36911	NPAVLENVSSDR	AGAP002655-PA	-	84	4.81E-08	1	1300.648	-0.57	Head	2R:+:25192306-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_38240	NQFNPNNGGDFSNPQVIQDLLR	AGAP002655-PA	N7(Deamidated)	98	2.96E-09	2	2487.210	3.33	Visceras	2R:+:25192510-25192575	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_41805	RYDGPLVLDIK	AGAP002655-PA	-	50	8.79E-05	1	1288.728	1.31	Malpighian tubule	2R:+:25191556-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_42045	NPAVLENVSSDR	AGAP002655-PA	-	41	0.001096251	2	1300.649	-0.48	Ovary	2R:+:25192306-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_42060	NFGQNVGGGGGAMGSGGYGR	AGAP002655-PA	-	75	2.45E-07	2	1799.792	2.16	Ovary	2R:+:25192819-25192878	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_43365	LNVGNLPADITEEELR	AGAP002655-PA	-	78	1.88E-07	2	1782.930	3.81	Ovary	2R:+:25190018-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_43722	QYTLALLLFK	AGAP002655-PA	-	65	9.26E-07	1	1209.724	0.07	Salivary gland	2R:+:25190117-25190146	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_43860	LNVGNLPADITEEELR	AGAP002655-PA	-	66	3.21E-06	2	1782.930	3.67	Visceras	2R:+:25190018-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_46316	FIFSPNIPSYK	AGAP002655-PA	-	45	0.000341976	2	1312.695	0.84	Ovary	2R:+:25191838-25191870	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_47580	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	130	1.73E-12	1	2216.054	1.27	Visceras	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_47884	TSVYVENLDK	AGAP002655-PA	-	52	8.66E-05	2	1167.590	0.88	Salivary gland	2R:+:25191319-25191348	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_49204	ELFADHPVESVEIFHYK	AGAP002655-PA	-	111	1.42E-10	1	2060.013	0.2	Head	2R:+:25190066-25190116	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_50529	LNVGNLPADITEEELR	AGAP002655-PA	-	98	1.99E-09	1	1782.929	3.06	Head	2R:+:25190018-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_50725	FGFIECVVK	AGAP002655-PA	C6(Carbamidomethyl)	42	0.000706815	2	1098.566	0.51	Head	2R:+:25192093-25192119	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_52524	FIFSPNIPSYK	AGAP002655-PA	-	51	9.49E-05	1	1312.695	1.31	Pupa	2R:+:25191838-25191870	exon=> In CDS Exon 4 of transcript AGAP002655-PA

JHU_Ag_52907	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	N5(Deamidated)	130	1.73E-12	1	2216.056	2.37	Head	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_53273	AVESSGTVTEVR	AGAP002655-PA	-	80	2.12E-07	2	1234.628	0.24	Ovary	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_53542	VHAHHVIATMIPNFK	AGAP002655-PA	M10(Oxidation)	96	2.41E-09	1	1730.917	0.4	Salivary gland	2R:+:25191274-25191318	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_53907	FSGPANFGMQGPR	AGAP002655-PA	M9(Oxidation)	93	7.90E-09	2	1365.645	5.61	Malpighian tubule	2R:+:25192375-25192390,25192487-25192509	exon=> In CDS Exon 4 and 5 of transcript AGAP002655-PA
JHU_Ag_54584	QYTLALLLFK	AGAP002655-PA	-	50	2.13E-05	2	1209.730	4.71	Ovary	2R:+:25190117-25190146	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_54757	FGFIECVVK	AGAP002655-PA	C6(Carbamidomethyl)	48	0.000161117	1	1098.566	1.06	Visceras	2R:+:25192093-25192119	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_55642	TSVYVENLDK	AGAP002655-PA	-	37	0.00345064	2	1167.591	1.72	Malpighian tubule	2R:+:25191319-25191348	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_57162	QYFSSYGGHIK	AGAP002655-PA	-	48	0.00021188	2	1286.616	-0.51	Midgut	2R:+:25191805-25191837	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_57259	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	113	8.50E-11	2	2216.057	2.7	Malpighian tubule	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_57324	TTAYIEFR	AGAP002655-PA	-	50	0.000115056	2	1000.510	0.39	Ovary	2R:+:25192129-25192152	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_57739	RYDGPLVLDIK	AGAP002655-PA	-	53	5.34E-05	1	1288.726	-0.4	Visceras	2R:+:25191556-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_58097	LNLAVTEEKLFEK	AGAP002655-PA	-	36	0.001257781	1	1533.859	4.52	Malpighian tubule	2R:+:25192045-25192083	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_58309	LNQQLFEGK	AGAP002655-PA	-	64	6.85E-06	2	1076.574	0.12	Ovary	2R:+:25191244-25191270	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_58931	VQMYNIPESWISSQDELKK	AGAP002655-PA	M3(Oxidation)	57	2.86E-05	1	2295.135	0.91	Ovary	2R:+:25191073-25191129	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_59043	TTAYIEFR	AGAP002655-PA	-	39	0.001687951	2	1000.509	-0.59	Malpighian tubule	2R:+:25192129-25192152	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_60444	LNQQLFEGKR	AGAP002655-PA	-	37	0.002445248	1	1232.680	4.19	Ovary	2R:+:25191244-25191273	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_60765	TSVYVENLDK	AGAP002655-PA	-	48	0.000259435	2	1167.588	-0.69	Midgut	2R:+:25191319-25191348	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_64991	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	103	8.46E-10	1	2216.049	-0.82	Male reproductive organs	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_65010	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	118	2.75E-11	1	2216.065	6.45	Ovary	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_65553	ISLAMQEIIDKNPAVLENVSSDR	AGAP002655-PA	M5(Oxidation)	89	1.40E-08	1	2558.325	4.78	Head	2R:+:25192273-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_67348	ELFADHPVESVEIFHYK	AGAP002655-PA	-	88	2.51E-08	1	2060.019	3.13	Ovary	2R:+:25190066-25190116	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_68122	LNVGNLPADITEEELR	AGAP002655-PA	-	79	1.81E-07	2	1782.927	2.1	Pupa	2R:+:25190018-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_68190	FSGPANFGMQGPR	AGAP002655-PA	M9(Oxidation)	78	1.62E-07	1	1381.631	-0.93	Head	2R:+:25192375-25192390,25192487-25192509	exon=> In CDS Exon 4 and 5 of transcript AGAP002655-PA
JHU_Ag_68977	ISLAMQEIIDK	AGAP002655-PA	-	74	5.89E-07	2	1260.687	0.44	Head	2R:+:25192273-25192305	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_70364	LWPIYVANLPYK	AGAP002655-PA	-	67	1.51E-06	2	1476.827	1.16	Ovary	2R:+:25191748-25191783	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_71308	FGFIECVVK	AGAP002655-PA	C6(Carbamidomethyl)	40	0.001112515	2	1098.565	-0.05	Ovary	2R:+:25192093-25192119	exon=> In CDS Exon 4 of transcript AGAP002655-PA

JHU_Ag_71680	ALECTTLPVTKK	AGAP002655-PA	C4(Carbamidomethyl)	56	2.73E-05	1	1360.756	4.04	Malpighian tubule	2R:+:25191475-25191510	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_71971	LWPIYVANLPYK	AGAP002655-PA	-	37	0.001443188	2	1476.822	-2.06	Midgut	2R:+:25191748-25191783	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_71982	LNQQLFEGKR	AGAP002655-PA	-	63	5.58E-06	1	1232.679	3.13	Malpighian tubule	2R:+:25191244-25191273	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_72903	SSGPPPLKR	AGAP002655-PA	-	49	7.38E-05	1	938.541	-0.44	Head	2R:+:25192342-25192368	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_72953	KEGEETTTEDK	AGAP002655-PA	-	64	4.07E-06	1	1266.570	0.18	Ovary	2R:+:25191508-25191540	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_73908	ISLAMQEIIDKNPAVLENVSSDR	AGAP002655-PA	M5(Oxidation)	145	3.46E-14	1	2558.316	0.99	Salivary gland	2R:+:25192273-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_73948	ALECTTLPVTK	AGAP002655-PA	C4(Carbamidomethyl)	40	0.001677479	1	1232.657	1.2	Head	2R:+:25191475-25191507	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_74467	KEGEETTTEDK	AGAP002655-PA	-	34	0.004445702	2	1266.570	0.09	Malpighian tubule	2R:+:25191508-25191540	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_76645	NFGQNVGGGGGAMGSGGYGR	AGAP002655-PA	M13(Oxidation)	149	9.84E-15	2	1799.794	3.18	Malpighian tubule	2R:+:25192819-25192878	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_76695	RYDGPLVLDIK	AGAP002655-PA	-	63	6.17E-06	1	1288.723	-2.01	Head	2R:+:25191556-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_77345	VNMGGGFGGK	AGAP002655-PA	-	43	0.000717033	1	923.438	-2.58	Head	2R:+:25192879-25192908	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_77413	ENSVFR	AGAP002655-PA	-	43	0.000736232	2	751.374	0.78	Salivary gland	2R:+:25190183-25190200	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_77550	IVEAGINVYDCNGHDQNQHIDVLR	AGAP002655-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), N12(Deamidated)"	136	3.96E-13	1	2779.338	5.75	Malpighian tubule	2R:+:25190968-25191039	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_78272	TSVYVENLDK	AGAP002655-PA	-	71	1.09E-06	2	1167.589	-0.17	Pupa	2R:+:25191319-25191348	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_79375	ELFADHPVESVEIFHYK	AGAP002655-PA	-	88	2.89E-08	1	2060.017	2.33	Midgut	2R:+:25190066-25190116	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_79469	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	N5(Deamidated),Q11(Deamidated)	45	0.000594012	1	2217.060	11.56	Larva	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_81289	ELFADHPVESVEIFHYK	AGAP002655-PA	-	108	2.36E-10	1	2060.021	4.02	Male reproductive organs	2R:+:25190066-25190116	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_81428	LWPIYVANLPYK	AGAP002655-PA	-	38	0.000784145	1	1476.832	4.63	Head	2R:+:25191748-25191783	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_81703	FIFSPNIPSYK	AGAP002655-PA	-	57	2.42E-05	1	1312.697	2.89	Head	2R:+:25191838-25191870	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_82002	EGEETTTEDKTIVVK	AGAP002655-PA	-	79	2.09E-07	1	1678.844	3.24	Malpighian tubule	2R:+:25191511-25191555	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_82206	NFGQNVGGGGGAMGSGGYGR	AGAP002655-PA	M13(Oxidation)	118	1.20E-11	1	1815.785	1.44	Salivary gland	2R:+:25192819-25192878	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_82458	YDGPLVLDIK	AGAP002655-PA	-	62	6.63E-06	2	1132.627	1.75	Salivary gland	2R:+:25191559-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_82544	AVESSGTVTEVR	AGAP002655-PA	-	89	2.42E-08	2	1234.627	-0.15	Salivary gland	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_85075	ISLAMQEIIDKNPAVLENVSSDR	AGAP002655-PA	M5(Oxidation)	46	0.000310303	1	2558.311	-0.73	Male reproductive organs	2R:+:25192273-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_85104	AVESSGTVTEVR	AGAP002655-PA	-	79	2.18E-07	1	1234.633	4.79	Larva	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_85266	VTTGNFGPAAQVFYETADEAK	AGAP002655-PA	-	75	5.02E-07	1	2216.043	-3.47	Pupa	2R:+:25191166-25191228	exon=> In CDS Exon 3 of transcript AGAP002655-PA

JHU_Ag_86327	DTYFDVEK	AGAP002655-PA	-	46	0.000125416	1	1016.457	0.06	Ovary	2R:+:25192003-25192026	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_86379	LNLAVTEEKLFEK	AGAP002655-PA	-	100	5.37E-10	1	1533.854	1.34	Ovary	2R:+:25192045-25192083	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_86458	RYDGPLVLDIK	AGAP002655-PA	-	64	3.99E-06	1	1288.727	0.93	Pupa	2R:+:25191556-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_86772	NQFNPNNGGDFSNPQVIQDLLR	AGAP002655-PA	-	57	3.24E-05	2	2487.220	7.36	Malpighian tubule	2R:+:25192510-25192575	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_87117	DVFVHVVDNENVTEEDVYEK	AGAP002655-PA	-	96	3.19E-09	1	2379.107	3.27	Head	2R:+:25190255-25190285,25190840-25190868	exon=> In CDS Exon 2 and 3 of transcript AGAP002655-PA
JHU_Ag_87133	RYDGPLVLDIK	AGAP002655-PA	-	43	0.000485592	1	1288.726	-0.07	Salivary gland	2R:+:25191556-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_88530	ALECTTLPVTK	AGAP002655-PA	C4(Carbamidomethyl)	49	0.000226621	1	1232.654	-0.88	Midgut	2R:+:25191475-25191507	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_88788	QYTLALLLFK	AGAP002655-PA	-	57	5.12E-06	2	1209.727	2.49	Visceras	2R:+:25190117-25190146	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_90133	ALECTTLPVTK	AGAP002655-PA	C4(Carbamidomethyl)	47	0.000345815	1	1232.656	0.21	Visceras	2R:+:25191475-25191507	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_91327	ALECTTLPVTK	AGAP002655-PA	C4(Carbamidomethyl)	41	0.001385201	2	1232.656	0.5	Pupa	2R:+:25191475-25191507	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_92293	QSQTSMVMAALIYFAR	AGAP002655-PA	M6(Oxidation), M8(Oxidation)	65	6.01E-06	1	1848.905	3.53	Salivary gland	2R:+:25191871-25191918	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_93803	KAVESSGTVTEVR	AGAP002655-PA	-	54	5.53E-05	2	1362.722	-0.05	Pupa	2R:+:25191127-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_94193	YDGPLVLDIK	AGAP002655-PA	-	55	3.58E-05	2	1132.631	5.3	Midgut	2R:+:25191559-25191574,25191653-25191666	exon=> In CDS Exon 3 and 4 of transcript AGAP002655-PA
JHU_Ag_94288	VHAHHVIATMIPNFK	AGAP002655-PA	M10(Oxidation)	91	8.26E-09	1	1730.920	2.3	Malpighian tubule	2R:+:25191274-25191318	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_94594	DVFVHVVDNENVTEEDVYEK	AGAP002655-PA	-	55	4.40E-05	1	2379.103	1.88	Ovary	2R:+:25190255-25190285,25190840-25190868	exon=> In CDS Exon 2 and 3 of transcript AGAP002655-PA
JHU_Ag_95577	AAAEKLNQQLFEGK	AGAP002655-PA	-	112	8.18E-11	1	1546.827	3.06	Malpighian tubule	2R:+:25191229-25191270	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_95885	LNQQLFEGK	AGAP002655-PA	-	51	0.000149486	2	1076.574	0	Midgut	2R:+:25191244-25191270	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_96341	FIFSPNIPSYK	AGAP002655-PA	-	48	0.000175046	1	1312.696	2.02	Midgut	2R:+:25191838-25191870	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_97616	TTAYIEFR	AGAP002655-PA	-	38	0.001870295	2	1000.510	0.14	Pupa	2R:+:25192129-25192152	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_99584	SRFSGPANFGMQGPR	AGAP002655-PA	M11(Oxidation)	97	2.83E-09	1	1608.777	4.25	Malpighian tubule	2R:+:25192369-25192390,25192487-25192509	exon=> In CDS Exon 4 and 5 of transcript AGAP002655-PA
JHU_Ag_100526	QYTLALLLFK	AGAP002655-PA	-	45	7.26E-05	2	1209.728	3.5	Head	2R:+:25190117-25190146	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_100769	DTYFDVEK	AGAP002655-PA	-	56	1.36E-05	1	1016.459	1.68	Salivary gland	2R:+:25192003-25192026	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_101193	LNQQLFEGK	AGAP002655-PA	-	48	0.000259777	2	1076.574	0.12	Pupa	2R:+:25191244-25191270	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_101400	AVESSGTVTEVR	AGAP002655-PA	-	84	7.05E-08	2	1234.627	-0.45	Midgut	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_101808	AVESSGTVTEVR	AGAP002655-PA	-	89	2.37E-08	2	1234.627	-0.35	Pupa	2R:+:25191130-25191165	exon=> In CDS Exon 3 of transcript AGAP002655-PA

JHU_Ag_102817	LWPIYVANLPYK	AGAP002655-PA	-	90	6.79E-09	1	1476.825	0.25	Salivary gland	2R:+:25191748-25191783	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_103580	NQFNPNNGGDFSNPQVIQDLLR	AGAP002655-PA	-	49	0.00023095	2	2487.205	1.66	Salivary gland	2R:+:25192510-25192575	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_104152	QYFSSYGGHIK	AGAP002655-PA	-	36	0.002975411	1	1286.618	0.91	Ovary	2R:+:25191805-25191837	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_105469	TTAYIEFR	AGAP002655-PA	-	58	2.07E-05	2	1000.510	0.08	Salivary gland	2R:+:25192129-25192152	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_105957	NSFNNSNNGNFGGSSNNASGNMGGGNRNNMGGGGVNR	AGAP002655-PA	M22(Oxidation), M30(Oxidation)	101	2.00E-10	1	3634.498	2.77	Malpighian tubule	2R:+:25192708-25192818	exon=> In CDS Exon 5 of transcript AGAP002655-PA
JHU_Ag_106147	QYTLALLLFK	AGAP002655-PA	-	49	3.28E-05	2	1209.724	-0.04	Malpighian tubule	2R:+:25190117-25190146	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_107110	VQMYNIPESWISSQDELKK	AGAP002655-PA	M3(Oxidation)	53	8.04E-05	1	2311.139	4.74	Malpighian tubule	2R:+:25191073-25191129	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_107259	FSGPANFGMQGPR	AGAP002655-PA	M9(Oxidation)	73	6.57E-07	1	1365.638	0.61	Ovary	2R:+:25192375-25192390,25192487-25192509	exon=> In CDS Exon 4 and 5 of transcript AGAP002655-PA
JHU_Ag_107383	LNVGNLPADITEEELR	AGAP002655-PA	-	92	7.11E-09	1	1782.923	-0.37	Midgut	2R:+:25190018-25190065	exon=> In CDS Exon 2 of transcript AGAP002655-PA
JHU_Ag_110424	VHAHHVIATMIPNFK	AGAP002655-PA	M10(Oxidation)	89	1.26E-08	1	1730.921	3.01	Head	2R:+:25191274-25191318	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_110653	FGFIECVVK	AGAP002655-PA	C6(Carbamidomethyl)	52	6.75E-05	1	1098.568	2.17	Salivary gland	2R:+:25192093-25192119	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_111078	LNLAVTEEK	AGAP002655-PA	-	38	0.00245054	1	1016.564	1.26	Head	2R:+:25192045-25192071	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_112801	GASSEEGEEQKQRPPPQPLAK	AGAP002655-PA	-	98	2.56E-09	1	2263.137	2.57	Malpighian tubule	2R:+:25191685-25191747	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_114071	LNQQLFEGK	AGAP002655-PA	-	65	5.46E-06	2	1076.572	-1.02	Head	2R:+:25191244-25191270	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_114517	ISLAMQEIIDKNPAVLENVSSDR	AGAP002655-PA	-	63	5.17E-06	1	2542.323	1.9	Visceras	2R:+:25192273-25192341	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_115013	DTYFDVEK	AGAP002655-PA	-	56	1.28E-05	1	1016.460	2.88	Malpighian tubule	2R:+:25192003-25192026	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_115221	IVEAGINVYDCNGHDQNQHIDVLR	AGAP002655-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), N12(Deamidated)"	91	1.05E-08	1	2779.337	5.55	Salivary gland	2R:+:25190968-25191039	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_115630	SSGPPPLKR	AGAP002655-PA	-	54	2.53E-05	1	938.543	1.38	Malpighian tubule	2R:+:25192342-25192368	exon=> In CDS Exon 4 of transcript AGAP002655-PA
JHU_Ag_117632	FGDEHGMVCFK	AGAP002655-PA	M7(Oxidation), C9(Carbamidomethyl)	41	0.00021469	1	1342.556	0.13	Head	2R:+:25191421-25191453	exon=> In CDS Exon 3 of transcript AGAP002655-PA
JHU_Ag_48414	IDGVVNKR	AGAP002656-PA	N6(Deamidated)	40	0.00202129	1	901.523	14.46	Pupa	2R:+:25202759-25202782	exon=> In CDS Exon 5 of transcript AGAP002656-PA
JHU_Ag_88964	QTLAGQALDR	AGAP002656-PA	Q6(Deamidated)	52	0.00010157	2	1073.561	1.84	Ovary	2R:+:25201777-25201806	exon=> In CDS Exon 4 of transcript AGAP002656-PA
JHU_Ag_115492	DISVSELKEIDLR	AGAP002656-PA	-	38	0.00216579	1	1516.805	-11.16	Salivary gland	2R:+:25199044-25199082	exon=> In CDS Exon 4 of transcript AGAP002656-PA
JHU_Ag_11550	EAKVEQLK	AGAP002657-PA	-	36	0.00346935	1	944.548	7.32	Head	2R:-:25203635-25203612	exon=> In CDS Exon 2 of transcript AGAP002657-PA
JHU_Ag_71939	ISHASGAQLEFNPLDALK	AGAP002657-PA	-	34	0.00461510	1	1911.002	2.63	Ovary	2R:-:25204109-25204056	exon=> In CDS Exon 2 of transcript AGAP002657-PA
JHU_Ag_109874	ISHASGAQLEFNPLDALK	AGAP002657-PA	-	123	5.83E-12	1	1911.004	3.82	Head	2R:-:25204109-25204056	exon=> In CDS Exon 2 of transcript AGAP002657-PA
JHU_Ag_2646	GIDDEDEEGEMRD	AGAP002658-PA	M11(Oxidation)	89	1.12E-09	2	1509.568	1.99	Head	2R:+:25205320-25205358	exon=> In CDS Exon 1 of transcript AGAP002658-PA
JHU_Ag_47545	GFLVSVDGYMNMQLANTEEFVDGQNTGHLGEVLIR	AGAP002658-PA	M10(Oxidation), M12(Oxidation)	253	5.22E-25	1	3885.849	1.75	Ovary	2R:+:25205191-25205295	exon=> In CDS Exon 1 of transcript AGAP002658-PA

JHU_Ag_52906	GIDDEDEEGEMRD	AGAP002658-PA	M11(Oxidation)	83	3.29E-09	2	1525.562	1.54	Ovary	2R:+:25205320-25205358	exon=> In CDS Exon 1 of transcript AGAP002658-PA
JHU_Ag_81520	GIDDEDEEGEMRD	AGAP002658-PA	-	86	2.17E-09	2	1509.568	1.91	Malpighian tubule	2R:+:25205320-25205358	exon=> In CDS Exon 1 of transcript AGAP002658-PA
JHU_Ag_40575	SSTLPITVIRPER	AGAP002659-PA	-	63	2.58E-06	1	1468.846	-1.3	Midgut	2R:-:25206612-25206574	exon=> In CDS Exon 1 of transcript AGAP002659-PA
JHU_Ag_1236	KFASDEAHSHGLVSR	AGAP002661-PA	-	107	2.51E-10	1	1640.817	1.55	Pupa	2R:+:25209547-25209591	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_17172	LFDNREELLQGAIK	AGAP002661-PA	-	75	3.15E-07	1	1645.892	0.69	Pupa	2R:+:25209592-25209633	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_24227	NIVYSADHTVQEGLDHIR	AGAP002661-PA	-	93	8.36E-09	1	2067.033	3.41	Ovary	2R:+:25209688-25209741	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_28170	NIVYSADHTVQEGLDHIR	AGAP002661-PA	-	90	1.57E-08	1	2067.040	7.07	Midgut	2R:+:25209688-25209741	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_33279	LSTPSPFVVHVEFNRPDR	AGAP002661-PA	-	34	0.005214178	1	2097.091	1.57	Head	2R:+:25209028-25209081	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_36115	AINMLNLQSEDFLNAIMASQSK	AGAP002661-PA	M4(Oxidation), M17(Oxidation)	126	4.18E-12	1	2470.203	3.23	Ovary	2R:+:25209742-25209807	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_40161	NIVYSADHTVQEGLDHIR	AGAP002661-PA	-	87	3.06E-08	1	2067.031	2.46	Pupa	2R:+:25209688-25209741	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_47346	VVVLSGGSSK	AGAP002661-PA	-	39	0.000873095	2	932.541	-0.57	Midgut	2R:+:25209160-25209189	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_55829	NIVYSADHTVQEGLDHIR	AGAP002661-PA	-	61	1.37E-05	1	2067.033	3.61	Malpighian tubule	2R:+:25209688-25209741	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_57997	NIVYSADHTVQEGLDHIR	AGAP002661-PA	-	78	2.31E-07	1	2067.026	0.07	Head	2R:+:25209688-25209741	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_66137	AINMLNLQSEDFLNAIMASQSK	AGAP002661-PA	M4(Oxidation), M17(Oxidation)	54	6.20E-05	1	2470.206	4.25	Midgut	2R:+:25209742-25209807	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_69291	LFDNREELLQGAIK	AGAP002661-PA	-	69	1.17E-06	2	1645.891	0.02	Midgut	2R:+:25209592-25209633	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_71694	LGQEMGAIEEVGR	AGAP002661-PA	M5(Oxidation)	81	1.53E-07	1	1404.678	-0.76	Midgut	2R:+:25209229-25209267	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_72705	KFASDEAHSHGLVSR	AGAP002661-PA	-	76	3.65E-07	1	1640.813	-0.83	Midgut	2R:+:25209547-25209591	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_83718	LFDNREELLQGAIK	AGAP002661-PA	-	63	4.09E-06	2	1645.898	4.32	Ovary	2R:+:25209592-25209633	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_84713	DCFDQLHNDPDCR	AGAP002661-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	69	1.44E-07	1	1691.657	1.87	Malpighian tubule	2R:+:25209121-25209159	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_97791	VVVLSGGSSK	AGAP002661-PA	-	51	5.19E-05	2	932.542	0.73	Ovary	2R:+:25209160-25209189	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_107387	LFDNREELLQGAIK	AGAP002661-PA	-	67	2.21E-06	1	1645.892	0.47	Malpighian tubule	2R:+:25209592-25209633	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_108987	FASDEAHSHGLVSR	AGAP002661-PA	-	50	0.000133656	1	1512.717	-1.1	Pupa	2R:+:25209550-25209591	exon=> In CDS Exon 2 of transcript AGAP002661-PA
JHU_Ag_89308	FLQELQELLNSVNANLK	AGAP002664-PA	-	42	0.000508251	1	1973.071	0.12	Ovary	2R:-:25254879-25255008,25254410-25254761	exon=> In CDS Exon 2 and 1 of transcript AGAP002664-PA
JHU_Ag_428	LLDLLK	AGAP002665-PA	-	22	0.010676992	2	714.475	-1.17	Midgut	2R:+:25257417-25257434	exon=> In CDS Exon 2 of transcript AGAP002665-PA
JHU_Ag_7161	AKPSPSVAYEPRPAIPPQPAAPAYTSEAR	AGAP002665-PA	-	46	0.000176958	1	3019.581	5.75	Malpighian tubule	2R:+:25258484-25258570	exon=> In CDS Exon 5 of transcript AGAP002665-PA
JHU_Ag_33442	TIALLK	AGAP002665-PA	-	20	0.007346797	1	658.450	0.29	Midgut	2R:+:25257126-25257143	exon=> In CDS Exon 2 of transcript AGAP002665-PA
JHU_Ag_94984	FNFFDLR	AGAP002665-PA	-	41	0.000678913	2	958.479	1.3	Head	2R:+:25255578-25255598	exon=> In CDS Exon 2 of transcript AGAP002665-PA

JHU_Ag_388	LVETGFSDK	AGAP002667-PA	-	42	0.000873 7	1	995.505	0.31	Visceras	2R:+:25263018-25263044	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_4617	LVETGFSDKK	AGAP002667-PA	-	42	0.000563 642	2	1123.599	-0.01	Salivary gland	2R:+:25263018-25263047	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_5791	SPGEVEVFK	AGAP002667-PA	-	47	0.000415 301	1	991.510	0.04	Midgut	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_7547	LVDDVMYEVYGK	AGAP002667-PA	M6(Oxidation)	88	2.04E-08	1	1446.682	-0.25	Salivary gland	2R:+:25262862-25262897	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_8500	TLGDVQLDGANPSAEEAEEGTESATES GVDIVLNHR	AGAP002667-PA	-	260	9.06E-26	1	3710.712	-3.99	Malpighian tubule	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_8553	LVETGFSDK	AGAP002667-PA	-	52	8.49E-05	1	995.504	-0.92	Pupa	2R:+:25263018-25263044	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_8818	LVETGFSDK	AGAP002667-PA	-	38	0.002126 946	2	995.505	0.05	Head	2R:+:25263018-25263044	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_11339	TLGDVQLDGANPSAEEAEEGTESATES GVDIVLNHR	AGAP002667-PA	-	275	2.99E-27	1	3710.735	2.23	Salivary gland	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_13186	LVDDVMYEVYGK	AGAP002667-PA	M6(Oxidation)	106	2.98E-10	1	1446.683	0.51	Male reproductive organs	2R:+:25262862-25262897	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_13766	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	91	1.26E-08	1	1591.809	3.1	Salivary gland	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_15406	LVETGFSDKK	AGAP002667-PA	-	43	0.000431 522	3	1123.600	0.22	Pupa	2R:+:25263018-25263047	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_16708	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	81	1.39E-07	1	1591.807	1.8	Pupa	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_17208	LVETGFSDKK	AGAP002667-PA	-	49	0.000125 15	1	1123.601	0.97	Ovary	2R:+:25263018-25263047	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_18333	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	94	1.94E-09	2	1654.698	2.54	Malpighian tubule	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_18503	LVETGFSDK	AGAP002667-PA	-	41	0.001171 696	1	995.502	-2.89	Salivary gland	2R:+:25263018-25263044	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_18799	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	96	8.86E-10	1	1670.689	0.16	Pupa	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_22060	TLGDVQLDGANPSAEEAEEGTESATES GVDIVLNHR	AGAP002667-PA	-	143	6.09E-14	1	3710.749	5.98	Visceras	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_23413	DVFTGDEMFSDTYKVK	AGAP002667-PA	M8(Oxidation)	115	3.28E-11	1	1897.859	3.39	Malpighian tubule	2R:+:25262307-25262319,25262827-25262861	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_26742	LVDDVMYEVYGK	AGAP002667-PA	M6(Oxidation)	96	3.11E-09	1	1446.685	2.2	Ovary	2R:+:25262862-25262897	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_27765	LVETGFSDK	AGAP002667-PA	-	41	0.001155 251	1	995.504	-0.74	Ovary	2R:+:25263018-25263044	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_29487	LVETGFSDKK	AGAP002667-PA	-	43	0.000456 491	2	1123.601	1.08	Malpighian tubule	2R:+:25263018-25263047	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_30984	LVETGFSDK	AGAP002667-PA	-	52	8.42E-05	1	995.505	0.56	Male reproductive organs	2R:+:25263018-25263044	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_32023	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	111	1.19E-10	1	1591.807	1.8	Ovary	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_32748	TLGDVQLDGANPSAEEAEEGTESATES GVDIVLNHR	AGAP002667-PA	-	282	6.00E-28	1	3710.729	0.55	Ovary	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_36472	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	128	7.05E-13	1	1670.694	3.08	Head	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA

JHU_Ag_37593	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	128	6.71E-13	1	1670.690	0.45	Ovary	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_39526	SPGEVEVFK	AGAP002667-PA	-	49	0.000227085	1	991.508	-1.56	Pupa	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_42934	LEEKSPGEVEVFK	AGAP002667-PA	-	79	2.40E-07	1	1490.774	0.1	Ovary	2R:+:25263232-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_44854	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	78	2.30E-07	2	1591.813	5.71	Larva	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_45753	LEEKSPGEVEVFK	AGAP002667-PA	-	87	3.20E-08	1	1490.774	0.41	Salivary gland	2R:+:25263232-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_46912	LVDDVMYEVYGKHVSR	AGAP002667-PA	M6(Oxidation)	109	2.03E-10	1	1909.949	0.55	Malpighian tubule	2R:+:25262862-25262909	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_47875	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	104	1.71E-10	2	1654.698	2.4	Visceras	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_50656	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	120	4.07E-12	1	1670.692	1.69	Salivary gland	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_50966	LVDDVMYEVYGK	AGAP002667-PA	M6(Oxidation)	94	4.42E-09	1	1446.681	-0.58	Midgut	2R:+:25262862-25262897	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_52697	SPGEVEVFK	AGAP002667-PA	-	69	2.53E-06	1	991.511	1.26	Salivary gland	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_53157	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	121	3.89E-12	2	1654.693	-0.92	Midgut	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_53505	LVETGFSDKK	AGAP002667-PA	-	38	0.001419944	1	1123.599	-0.33	Midgut	2R:+:25263018-25263047	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_54183	SPGEVEVFKTNINK	AGAP002667-PA	-	75	4.92E-07	1	1561.825	2.16	Malpighian tubule	2R:+:25263244-25263285	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_54820	HGLEEEKF	AGAP002667-PA	-	49	0.000118138	1	988.474	0.94	Ovary	2R:+:25263424-25263447	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_55091	SPGEVEVFK	AGAP002667-PA	-	79	2.08E-07	1	991.508	-1.94	Ovary	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_55692	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	86	4.25E-08	1	1591.812	5.25	Midgut	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_56945	TLGDVQLDGANPSAEEAEEGTESATESGVDIVLNHR	AGAP002667-PA	N34(Deamidated)	95	3.35E-09	3	3710.743	4.3	Pupa	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_57185	SPGEVEVFK	AGAP002667-PA	-	45	0.000548514	1	991.509	-0.64	Head	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_58560	TLGDVQLDGANPSAEEAEEGTESATESGVDIVLNHR	AGAP002667-PA	Q6(Deamidated)	60	1.13E-05	1	3710.738	3.2	Midgut	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_60928	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	90	1.56E-08	1	1591.806	1.72	Visceras	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_62896	DLQFFTGESMDCEGLIAMLEYR	AGAP002667-PA	M10(Oxidation), C12(Carbamidomethyl), M18(Oxidation)	88	9.48E-09	1	2657.165	3.04	Ovary	2R:+:25263316-25263381	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_66519	TLGDVQLDGANPSAEEAEEGTESATESGVDIVLNHR	AGAP002667-PA	N34(Deamidated)	115	3.41E-11	1	3710.738	3.2	Head	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_67357	HGLEEEKF	AGAP002667-PA	-	52	5.69E-05	2	988.475	1.13	Salivary gland	2R:+:25263424-25263447	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_68829	LVETGFSDK	AGAP002667-PA	-	43	0.000784651	1	995.504	-0.49	Midgut	2R:+:25263018-25263044	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_71205	SPGEVEVFK	AGAP002667-PA	-	69	2.62E-06	1	991.510	0.95	Malpighian tubule	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA

JHU_Ag_73648	QFTTYLK	AGAP002667-PA	-	33	0.004290251	2	900.483	0.03	Salivary gland	2R:+:25263048-25263068	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_74926	SPGEVEVFK	AGAP002667-PA	-	79	2.53E-07	1	991.510	0.77	Male reproductive organs	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_75700	LVDDVMYEVYGK	AGAP002667-PA	M6(Oxidation)	100	1.32E-09	1	1430.689	1.4	Head	2R:+:25262862-25262897	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_80468	LEEKSPGEVEVFK	AGAP002667-PA	-	53	8.27E-05	2	1490.773	-0.2	Male reproductive organs	2R:+:25263232-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_84658	SPGEVEVFK	AGAP002667-PA	-	45	0.000581962	1	991.513	3.74	Larva	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_85316	FKDLQFFTGESMDCEGLIAMLEYR	AGAP002667-PA	M12(Oxidation), C14(Carbamidomethyl), M20(Oxidation)	148	1.59E-14	1	2932.325	1.63	Ovary	2R:+:25263310-25263381	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_85815	SPGEVEVFK	AGAP002667-PA	-	53	0.000106178	2	991.511	1.57	Visceras	2R:+:25263244-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_87129	LVDDVMYEVYGK	AGAP002667-PA	M6(Oxidation)	83	6.45E-08	1	1446.684	1.53	Pupa	2R:+:25262862-25262897	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_89327	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	84	5.85E-08	2	1591.813	5.78	Malpighian tubule	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_90011	LVDDVMYEVYGK	AGAP002667-PA	M6(Oxidation)	73	6.89E-07	1	1430.692	3.19	Malpighian tubule	2R:+:25262862-25262897	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_92666	TLGDVQLDGANPSAEEAEEGTESATESGVDIVLNHR	AGAP002667-PA	-	101	9.36E-10	3	3710.760	8.94	Larva	2R:+:25262910-25263017	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_97897	HGLEEEKF	AGAP002667-PA	-	50	9.88E-05	1	988.474	0.88	Malpighian tubule	2R:+:25263424-25263447	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_98422	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	92	9.30E-09	1	1591.805	0.8	Male reproductive organs	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_98550	LVETGFSDKK	AGAP002667-PA	-	63	4.24E-06	1	1123.601	1.3	Visceras	2R:+:25263018-25263047	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_102000	DIDGESVPVLLCFK	AGAP002667-PA	C12(Carbamidomethyl)	104	6.13E-10	1	1591.810	3.71	Head	2R:+:25263382-25263423	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_105874	LVETGFSDKK	AGAP002667-PA	-	40	0.000941897	3	1123.599	-0.1	Male reproductive organs	2R:+:25263018-25263047	exon=> In CDS Exon 2 of transcript AGAP002667-PA
JHU_Ag_105879	DVFTGDEMFSDTYK	AGAP002667-PA	M8(Oxidation)	86	9.42E-09	2	1670.690	0.23	Male reproductive organs	2R:+:25262307-25262319,25262827-25262855	exon=> In CDS Exon 1 and 2 of transcript AGAP002667-PA
JHU_Ag_107233	LEEKSPGEVEVFK	AGAP002667-PA	-	97	3.53E-09	1	1490.777	2.34	Malpighian tubule	2R:+:25263232-25263270	exon=> In CDS Exon 3 of transcript AGAP002667-PA
JHU_Ag_82130	RVNQLK	AGAP002679-PA	N3(Deamidated)	32	0.008721888	1	758.452	0.25	Midgut	2R:+:25576753-25576770	exon=> In CDS Exon 2 of transcript AGAP002679-PA
JHU_Ag_546	TALNPILEYGASVIDHVLHR	AGAP002680-PA	-	46	0.000160604	1	2218.199	0.28	Malpighian tubule	2R:-:25600658-25600599	exon=> In CDS Exon 2 of transcript AGAP002680-PA
JHU_Ag_44316	ILNILRPHVEGEELR	AGAP002680-PA	-	58	5.28E-06	1	1788.017	2.4	Ovary	2R:-:25600817-25600773	exon=> In CDS Exon 2 of transcript AGAP002680-PA
JHU_Ag_81864	TALNPILEYGASVIDHVLHR	AGAP002680-PA	-	124	2.03E-12	1	2218.208	4.48	Ovary	2R:-:25600658-25600599	exon=> In CDS Exon 2 of transcript AGAP002680-PA
JHU_Ag_85955	AAEEQQKPGQLKR	AGAP002680-PA	-	45	0.000331759	1	1482.806	2.62	Malpighian tubule	2R:-:25598639-25598601	exon=> In CDS Exon 2 of transcript AGAP002680-PA
JHU_Ag_101187	IGGELPNDPALPK	AGAP002680-PA	-	41	0.000920696	2	1320.724	5.82	Malpighian tubule	2R:-:25600577-25600539	exon=> In CDS Exon 2 of transcript AGAP002680-PA
JHU_Ag_102226	MALQIFLK	AGAP002680-PA	M1(Oxidation)	28	0.012670562	2	979.559	-5.98	Midgut	2R:-:25598195-25598172	exon=> In CDS Exon 2 of transcript AGAP002680-PA
JHU_Ag_107647	LTSEPDPDSVIFLGDDKPYIIQPSAPR	AGAP002680-PA	-	79	1.22E-07	1	2970.513	1.27	Ovary	2R:-:25598810-25598730	exon=> In CDS Exon 2 of transcript AGAP002680-PA

JHU_Ag_110660	KIMDQLK	AGAP002682-PA,AGAP002682-PB	M3(Oxidation), Q5(Deamidated)	52	8.14E-05	2	892.489	9.03	Salivary gland	2R:+:25607025-25607045;2R:+:25607025-25607045	exon=> In CDS Exon 4 of transcript AGAP002682-PA;exon=> In CDS Exon 6 of transcript AGAP002682-PB
JHU_Ag_91132	VASGGATDDGEEPVTPAR	AGAP002684-PA	-	51	0.000123428	2	1728.804	0.44	Ovary	2R:+:25613978-25614031	exon=> In CDS Exon 3 of transcript AGAP002684-PA
JHU_Ag_94190	SQSTFVFSDLDFMR	AGAP002684-PA	-	61	1.12E-05	2	1679.774	0.45	Ovary	2R:+:25612000-25612015,25612086-25612111	exon=> In CDS Exon 1 and 2 of transcript AGAP002684-PA
JHU_Ag_97040	SLLKPNLIPSPINPFYK	AGAP002684-PA	-	41	0.000112288	1	1941.124	1.59	Ovary	2R:+:25614146-25614196	exon=> In CDS Exon 3 of transcript AGAP002684-PA
JHU_Ag_103376	NVAQDLVEHIK	AGAP002684-PA	-	53	5.25E-05	2	1265.689	3.55	Ovary	2R:+:25614059-25614091	exon=> In CDS Exon 3 of transcript AGAP002684-PA
JHU_Ag_106747	VASGGATDDGEEPVTPAR	AGAP002684-PA	-	102	8.51E-10	2	1728.809	3.06	Malpighian tubule	2R:+:25613978-25614031	exon=> In CDS Exon 3 of transcript AGAP002684-PA
JHU_Ag_51872	YLVPSDLTVGQFYFLIR	AGAP002685-PA	-	81	6.97E-08	1	2031.095	0.17	Midgut	2R:-:25615531-25615481	exon=> In CDS Exon 2 of transcript AGAP002685-PA
JHU_Ag_75289	VPVIVEK	AGAP002685-PA	-	43	7.62E-05	1	783.497	-0.42	Ovary	2R:-:25617344-25617428,25615283-25615571	exon=> In CDS Exon 2 and 1 of transcript AGAP002685-PA
JHU_Ag_113835	YLVPSDLTVGQFYFLIR	AGAP002685-PA	-	113	3.88E-11	1	2031.101	3.05	Ovary	2R:-:25615531-25615481	exon=> In CDS Exon 2 of transcript AGAP002685-PA
JHU_Ag_3074	FGTPLGPGSIAPTQAGTPSEPFK	AGAP002686-PA	-	83	5.91E-08	1	2257.151	0.39	Head	2R:+:25619411-25619479	exon=> In CDS Exon 2 of transcript AGAP002686-PA
JHU_Ag_25373	DLPAYLFPSPVEQDSSVVDTNAIREVCEK	AGAP002686-PA	C27(Carbamidomethyl)	66	2.91E-06	1	3278.596	2.13	Malpighian tubule	2R:+:25619144-25619230	exon=> In CDS Exon 2 of transcript AGAP002686-PA
JHU_Ag_30980	SLDVVGKIR	AGAP002686-PA	-	29	0.008655777	1	986.599	-0.44	Head	2R:+:25618423-25618449	exon=> In CDS Exon 1 of transcript AGAP002686-PA
JHU_Ag_56584	ADKGSQPGGTPQPLVK	AGAP002686-PA	N-Term(Acetyl)	43	0.000538783	1	1621.857	1.38	Ovary	2R:+:25618252-25618299	exon=> In CDS Exon 1 of transcript AGAP002686-PA
JHU_Ag_79670	SGVFPIPEYLNK	AGAP002686-PA	-	40	0.001588285	2	1363.721	-3.62	Ovary	2R:+:25619015-25619050	exon=> In CDS Exon 2 of transcript AGAP002686-PA
JHU_Ag_84682	DLPAYLFPSPVEQDSSVVDTNAIR	AGAP002686-PA	-	58	2.03E-05	2	2633.325	5.9	Malpighian tubule	2R:+:25619144-25619215	exon=> In CDS Exon 2 of transcript AGAP002686-PA
JHU_Ag_97124	IADFGLSNMMLDGEFLR	AGAP002686-PA	M10(Oxidation)	150	1.69E-14	1	1944.926	3.25	Malpighian tubule	2R:+:25618796-25618846	exon=> In CDS Exon 2 of transcript AGAP002686-PA
JHU_Ag_2572	LPDGGILVFLTGQK	AGAP002687-PA	-	38	0.001028193	1	1457.838	0.86	Ovary	2R:-:25622727-25622686	exon=> In CDS Exon 2 of transcript AGAP002687-PA
JHU_Ag_20828	SVYTDILMGLLSR	AGAP002687-PA	M8(Oxidation)	54	4.48E-05	2	1483.790	4.99	Ovary	2R:-:25622994-25622956	exon=> In CDS Exon 2 of transcript AGAP002687-PA
JHU_Ag_109671	TTQIPQFLYEAGYGER	AGAP002687-PA	-	56	3.63E-05	2	1872.920	3.74	Ovary	2R:-:25623279-25623232	exon=> In CDS Exon 2 of transcript AGAP002687-PA
JHU_Ag_111539	FILQGIVFK	AGAP002687-PA	-	32	0.000849833	2	1064.649	-0.82	Ovary	2R:-:25620733-25620707	exon=> In CDS Exon 3 of transcript AGAP002687-PA
JHU_Ag_114037	GITAIEPDWLPK	AGAP002687-PA	-	41	0.000683633	2	1339.728	1.86	Ovary	2R:-:25621032-25620997	exon=> In CDS Exon 2 of transcript AGAP002687-PA
JHU_Ag_9623	TDLEELLDVAR	AGAP002688-PB,AGAP002688-PA	-	58	2.71E-05	2	1273.668	3.36	Head	2R:-:25630484-25630452;2R:-:25630484-25630452	exon=> In CDS Exon 4 of transcript AGAP002688-PB;exon=> In CDS Exon 4 of transcript AGAP002688-PA
JHU_Ag_21324	TDLEELLDVAR	AGAP002688-PB,AGAP002688-PA	-	56	4.26E-05	2	1273.659	-3.16	Midgut	2R:-:25630484-25630452;2R:-:25630484-25630452	exon=> In CDS Exon 4 of transcript AGAP002688-PB;exon=> In CDS Exon 4 of transcript AGAP002688-PA
JHU_Ag_56017	LLGFKPASVIK	AGAP002690-PB	-	28	0.000141579	1	1172.747	5.36	Malpighian tubule	2R:+:25647009-25647041	exon=> In CDS Exon 4 of transcript AGAP002690-PB

JHU_Ag_26169	LQLPITLGTYPFK	AGAP002691-PA	-	37	0.00067811	2	1490.868	4.15	Salivary gland	2R:-:25648568-25648530	exon=> In CDS Exon 5 of transcript AGAP002691-PA
JHU_Ag_726	EVPIPDHIDIFHLTR	AGAP002693-PA	-	53	5.83E-05	1	1801.958	-0.64	Ovary	2R:-:25665714-25665670	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_6869	LINQVAEEIWVCEK	AGAP002693-PA	C12(Carbamidomethyl)	72	8.97E-07	1	1730.881	1.67	Ovary	2R:-:25664388-25664347	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_10448	SSLLSVLGNR	AGAP002693-PA	-	52	5.53E-05	2	1045.600	-0.52	Visceras	2R:-:25665744-25665715	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_19971	YYTGNYEQFVK	AGAP002693-PA	-	56	2.92E-05	2	1411.653	0.01	Ovary	2R:-:25665198-25665166	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_25666	VVFAYLAWK	AGAP002693-PA	-	45	0.00019657	2	1096.621	1.93	Salivary gland	2R:-:25664538-25664512	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_34726	ACTGSLAVHPR	AGAP002693-PA	C2(Carbamidomethyl)	52	7.82E-05	2	1168.589	-0.25	Ovary	2R:-:25665903-25665871	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_41666	SSLLSVLGNREVPIPDHIDIFHLTR	AGAP002693-PA	-	80	2.71E-08	1	2828.559	5.97	Malpighian tubule	2R:-:25665744-25665670	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_42149	ILVIISHSQDFLNGVCTNIIHMTQK	AGAP002693-PA	C16(Carbamidomethyl), M22(Oxidation)	33	0.003688193	1	2897.514	4.48	Ovary	2R:-:25665282-25665208	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_47117	ACTGSLAVHPR	AGAP002693-PA	C2(Carbamidomethyl)	57	2.73E-05	2	1168.592	2.15	Malpighian tubule	2R:-:25665903-25665871	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_52862	YNDKTPYIYK	AGAP002693-PA	-	46	0.000523067	1	1304.653	0.38	Ovary	2R:-:25664898-25664869	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_56057	VVFAYLAWK	AGAP002693-PA	-	52	3.49E-05	2	1096.625	5.16	Malpighian tubule	2R:-:25664538-25664512	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_104236	ILHGLGFDKDMQQK	AGAP002693-PA	M11(Oxidation)	51	0.000134473	1	1645.841	2.87	Malpighian tubule	2R:-:25665480-25665439	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_105806	SSLLSVLGNR	AGAP002693-PA	-	51	7.25E-05	2	1045.599	-0.64	Ovary	2R:-:25665744-25665715	exon=> In CDS Exon 2 of transcript AGAP002693-PA
JHU_Ag_30692	GFDPFMNVVVDESIEECKDGTR	AGAP002706-PA	M6(Oxidation), C17(Carbamidomethyl)	100	8.45E-10	1	2560.139	2.31	Ovary	2R:-:25831228-25831163	exon=> In CDS Exon 2 of transcript AGAP002706-PA
JHU_Ag_44662	GNSIIMVEALDRI	AGAP002706-PA	M6(Oxidation)	80	1.30E-07	1	1446.765	2.08	Ovary	2R:-:25831048-25831010	exon=> In CDS Exon 3 of transcript AGAP002706-PA
JHU_Ag_46716	GNSIIMVEALDRI	AGAP002706-PA	M6(Oxidation)	58	1.75E-05	2	1446.770	5.45	Malpighian tubule	2R:-:25831048-25831010	exon=> In CDS Exon 3 of transcript AGAP002706-PA
JHU_Ag_70192	GNSIIMVEALDR	AGAP002706-PA	M6(Oxidation)	79	2.47E-07	1	1333.677	-0.61	Ovary	2R:-:25831048-25831013	exon=> In CDS Exon 3 of transcript AGAP002706-PA
JHU_Ag_74521	GFDPFMNVVVDESIEECK	AGAP002706-PA	M6(Oxidation), C17(Carbamidomethyl)	137	1.89E-13	1	2130.937	0.41	Ovary	2R:-:25831228-25831175	exon=> In CDS Exon 2 of transcript AGAP002706-PA
JHU_Ag_75855	NNIGMVVIR	AGAP002706-PA	M5(Oxidation),"N2(Deamidated), M5(Oxidation)"	58	2.39E-05	2	1032.550	-0.35	Ovary	2R:-:25831162-25831292,25831007-25831049	exon=> In CDS Exon 3 and 2 of transcript AGAP002706-PA
JHU_Ag_94245	VVSGILR	AGAP002706-PA	-	41	0.00067588	2	743.479	1.84	Ovary	2R:-:25831249-25831229	exon=> In CDS Exon 2 of transcript AGAP002706-PA
JHU_Ag_6894	AHFDYDPEDDLYIPCR	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	C15(Carbamidomethyl)	87	1.01E-08	1	2025.866	0.61	Head	2R:+:26042930-26042977;2R:+:26042930-26042977;2R:+:26042930-26042977;2R:+:26042930-26042977;2R:+:26042930-26042977;2R:+:26042930-26042977	exon=> In CDS Exon 5 of transcript AGAP002711-PB;exon=> In CDS Exon 8 of transcript AGAP002711-PE;exon=> In CDS Exon 13 of transcript AGAP002711-PF;exon=> In CDS Exon 10 of transcript AGAP002711-PC;exon=> In CDS Exon 8 of transcript AGAP002711-PD;exon=> In CDS Exon 14 of transcript AGAP002711-PA

JHU_Ag_9485	IIGYGELVAALQR	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	-	90	4.31E-09	2	1402.807	1.48	Head	2R:+:26041771-26041777,26041862-26041893;2R:+:26041771-26041777,26041862-26041893;2R:+:26041771-26041777,26041862-26041893;2R:+:26041771-26041777,26041862-26041893	exon=> In CDS Exon 2 and 3 of transcript AGAP002711-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002711-PE;exon=> In CDS Exon 10 and 11 of transcript AGAP002711-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP002711-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP002711-PD;exon=> In CDS Exon 11 and 12 of transcript AGAP002711-PA
JHU_Ag_18985	VTAAQSLLLGPGIAR	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	-	35	0.000649761	2	1466.869	-0.22	Head	2R:+:26041942-26041986;2R:+:26041942-26041986;2R:+:26041942-26041986;2R:+:26041942-26041986;2R:+:26041942-26041986	exon=> In CDS Exon 3 of transcript AGAP002711-PB;exon=> In CDS Exon 6 of transcript AGAP002711-PE;exon=> In CDS Exon 11 of transcript AGAP002711-PF;exon=> In CDS Exon 8 of transcript AGAP002711-PC;exon=> In CDS Exon 6 of transcript AGAP002711-PD;exon=> In CDS Exon 12 of transcript AGAP002711-PA
JHU_Ag_75274	HGLAALAGR	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	-	49	6.72E-05	1	865.495	-5.81	Head	2R:+:26041915-26041941;2R:+:26041915-26041941;2R:+:26041915-26041941;2R:+:26041915-26041941;2R:+:26041915-26041941	exon=> In CDS Exon 3 of transcript AGAP002711-PB;exon=> In CDS Exon 6 of transcript AGAP002711-PE;exon=> In CDS Exon 11 of transcript AGAP002711-PF;exon=> In CDS Exon 8 of transcript AGAP002711-PC;exon=> In CDS Exon 6 of transcript AGAP002711-PD;exon=> In CDS Exon 12 of transcript AGAP002711-PA
JHU_Ag_75967	EGEEDQTLAGLIPSQSFQHQR	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	-	66	3.89E-06	1	2370.145	5.5	Head	2R:+:26043059-26043121;2R:+:26043059-26043121;2R:+:26043059-26043121;2R:+:26043059-26043121;2R:+:26043059-26043121	exon=> In CDS Exon 5 of transcript AGAP002711-PB;exon=> In CDS Exon 8 of transcript AGAP002711-PE;exon=> In CDS Exon 13 of transcript AGAP002711-PF;exon=> In CDS Exon 10 of transcript AGAP002711-PC;exon=> In CDS Exon 8 of transcript AGAP002711-PD;exon=> In CDS Exon 14 of transcript AGAP002711-PA

JHU_Ag_83307	AYHQLLAEINSLER	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	-	48	0.000191988	3	1656.869	-0.66	Head	2R:+:26044098-26044139;2R:+:26044098-26044139;2R:+:26044098-26044139;2R:+:26044098-26044139;2R:+:26044098-26044139;2R:+:26044098-26044139	exon=> In CDS Exon 8 of transcript AGAP002711-PB;exon=> In CDS Exon 11 of transcript AGAP002711-PE;exon=> In CDS Exon 16 of transcript AGAP002711-PF;exon=> In CDS Exon 13 of transcript AGAP002711-PC;exon=> In CDS Exon 11 of transcript AGAP002711-PD;exon=> In CDS Exon 17 of transcript AGAP002711-PA
JHU_Ag_86552	RPIVLIGPPNIGR	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	-	81	6.26E-09	1	1401.870	0.42	Head	2R:+:26043362-26043400;2R:+:26043362-26043400;2R:+:26043362-26043400;2R:+:26043362-26043400;2R:+:26043362-26043400;2R:+:26043362-26043400	exon=> In CDS Exon 5 of transcript AGAP002711-PB;exon=> In CDS Exon 8 of transcript AGAP002711-PE;exon=> In CDS Exon 13 of transcript AGAP002711-PF;exon=> In CDS Exon 10 of transcript AGAP002711-PC;exon=> In CDS Exon 8 of transcript AGAP002711-PD;exon=> In CDS Exon 14 of transcript AGAP002711-PA
JHU_Ag_115017	ALQDNPIEKPPVGVDNEAYADDEVVAVAAEK	AGAP002711-PB,AGAP002711-PE,AGAP002711-PF,AGAP002711-PC,AGAP002711-PD,AGAP002711-PA	-	169	1.34E-16	1	3266.610	1.06	Head	2R:+:26041678-26041770;2R:+:26041678-26041770;2R:+:26041678-26041770;2R:+:26041678-26041770;2R:+:26041678-26041770;2R:+:26041678-26041770	exon=> In CDS Exon 2 of transcript AGAP002711-PB;exon=> In CDS Exon 5 of transcript AGAP002711-PE;exon=> In CDS Exon 10 of transcript AGAP002711-PF;exon=> In CDS Exon 7 of transcript AGAP002711-PC;exon=> In CDS Exon 5 of transcript AGAP002711-PD;exon=> In CDS Exon 11 of transcript AGAP002711-PA
JHU_Ag_108144	TTTPAAGPPPPTASSSGK	AGAP002711-PF,AGAP002711-PC,AGAP002711-PA	-	33	0.006184026	2	1624.821	2.19	Head	2R:+:26014529-26014582;2R:+:26014529-26014582;2R:+:26014529-26014582	exon=> In CDS Exon 1 of transcript AGAP002711-PF;exon=> In CDS Exon 1 of transcript AGAP002711-PC;exon=> In CDS Exon 1 of transcript AGAP002711-PA
JHU_Ag_25813	SSEPVGDLAQYPEVEVVR	AGAP002713-PA	-	82	1.24E-07	1	1973.984	1.08	Midgut	2R:-:26054929-26054876	exon=> In CDS Exon 2 of transcript AGAP002713-PA
JHU_Ag_92791	SSEPVGDLAQYPEVEVVR	AGAP002713-PA	-	58	3.09E-05	1	1973.980	-0.71	Malpighian tubule	2R:-:26054929-26054876	exon=> In CDS Exon 2 of transcript AGAP002713-PA
JHU_Ag_73478	DGSTSIATEQPATAMEDGPTAGGK	AGAP002715-PA	M15(Oxidation)	53	4.84E-05	2	2308.024	-0.3	Head	2R:+:26158913-26158984	exon=> In CDS Exon 3 of transcript AGAP002715-PA
JHU_Ag_99134	DADQEVEEEETVAHEAGEGVETVQK	AGAP002715-PA	-	96	2.33E-09	1	2728.211	1.64	Head	2R:+:26152682-26152756	exon=> In CDS Exon 1 of transcript AGAP002715-PA
JHU_Ag_48462	HIGAVNQEPVLFSGSIR	AGAP002717-PA	-	39	0.000925418	1	1823.979	1.61	Head	2R:+:26168986-26169006,26169079-26169108	exon=> In CDS Exon 6 and 7 of transcript AGAP002717-PA
JHU_Ag_94050	TVLTIAHR	AGAP002717-PA	-	54	1.21E-05	1	910.547	0.35	Head	2R:+:26169470-26169493	exon=> In CDS Exon 8 of transcript AGAP002717-PA
JHU_Ag_5241	NYTYGTLR	AGAP002718-PA	-	34	0.004143061	1	987.489	-0.81	Malpighian tubule	2R:-:26175355-26175332	exon=> In CDS Exon 2 of transcript AGAP002718-PA
JHU_Ag_5309	DIPIVCIR	AGAP002718-PA	C6(Carbamidomethyl)	43	0.000353233	2	985.551	1.5	Malpighian tubule	2R:-:26172907-26172884	exon=> In CDS Exon 3 of transcript AGAP002718-PA

JHU_Ag_5858	VLIGLASNYAVLR	AGAP002718-PA	-	81	1.48E-08	2	1388.829	1.78	Pupa	2R:-:26172970-26172932	exon=> In CDS Exon 3 of transcript AGAP002718-PA
JHU_Ag_38461	TAVVCGITGR	AGAP002718-PA	C5(Carbamidomethyl)	60	1.74E-05	2	1033.546	0.12	Malpighian tubule	2R:-:26176150-26176417,26175166-26175356	exon=> In CDS Exon 2 and 1 of transcript AGAP002718-PA
JHU_Ag_46498	TADDIVFLPYSSGTTGMPK	AGAP002718-PA	M17(Oxidation)	36	0.004247369	1	2015.963	-0.09	Ovary	2R:-:26172707-26172651	exon=> In CDS Exon 4 of transcript AGAP002718-PA
JHU_Ag_54657	VLIGLASNYAVLR	AGAP002718-PA	-	123	8.38E-13	1	1388.827	0.81	Malpighian tubule	2R:-:26172970-26172932	exon=> In CDS Exon 3 of transcript AGAP002718-PA
JHU_Ag_57930	VLIGLASNYAVLR	AGAP002718-PA	-	63	8.77E-07	2	1388.832	4.59	Salivary gland	2R:-:26172970-26172932	exon=> In CDS Exon 3 of transcript AGAP002718-PA
JHU_Ag_67633	TADDIVFLPYSSGTTGMPK	AGAP002718-PA	M17(Oxidation)	66	3.90E-06	2	2015.966	1.3	Malpighian tubule	2R:-:26172707-26172651	exon=> In CDS Exon 4 of transcript AGAP002718-PA
JHU_Ag_105368	VLIGLASNYAVLR	AGAP002718-PA	-	105	5.16E-11	2	1388.830	2.57	Ovary	2R:-:26172970-26172932	exon=> In CDS Exon 3 of transcript AGAP002718-PA
JHU_Ag_14271	SHEAVADAAVVGMPHPVAGEVPR	AGAP002718-PA,AGAP002718-PB	M13(Oxidation)	139	1.96E-13	1	2312.136	-4.08	Head	2R:-:26171780-26171712;2R:-:26171780-26171712	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_17774	ATDEMIIEGGWLR	AGAP002718-PA,AGAP002718-PB	-	92	1.01E-08	2	1490.736	3.6	Malpighian tubule	2R:-:26171939-26171901;2R:-:26171939-26171901	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_20520	VKGFQVPPAELEELLR	AGAP002718-PA,AGAP002718-PB	-	71	4.14E-07	1	1825.028	3.2	Malpighian tubule	2R:-:26171828-26171781;2R:-:26171828-26171781	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_21280	IVDLNDPTNTALGPNQSGELLVR	AGAP002718-PA,AGAP002718-PB	-	127	1.70E-12	1	2436.275	0.7	Malpighian tubule	2R:-:26172047-26171979;2R:-:26172047-26171979	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_30618	IVDLNDPTNTALGPNQSGELLVR	AGAP002718-PA,AGAP002718-PB	-	81	6.43E-08	2	2436.284	4.4	Ovary	2R:-:26172047-26171979;2R:-:26172047-26171979	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_47005	GTVLHLVPPIIIFLGHHDGVKPR	AGAP002718-PA,AGAP002718-PB	-	72	4.48E-08	1	2515.474	3.14	Malpighian tubule	2R:-:26172404-26172742,26171532-26172252;2R:-:26172404-26172659,26171532-26172252	exon=> In CDS Exon 5 and 4 of transcript AGAP002718-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP002718-PB
JHU_Ag_52966	GFQVPPAELEELLR	AGAP002718-PA,AGAP002718-PB	-	54	3.12E-05	2	1597.866	4.69	Malpighian tubule	2R:-:26171822-26171781;2R:-:26171822-26171781	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_73796	APNAEFIQGYGLTETAPVVLMGALGSR	AGAP002718-PA,AGAP002718-PB	M21(Oxidation)	148	1.66E-14	1	2778.424	3.89	Malpighian tubule	2R:-:26172173-26172093;2R:-:26172173-26172093	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_80344	NVFSGAAPMGTPDAER	AGAP002718-PA,AGAP002718-PB	M9(Oxidation)	108	1.76E-10	1	1635.745	1.1	Malpighian tubule	2R:-:26172233-26172186;2R:-:26172233-26172186	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB

JHU_Ag_90947	GVELTHLNIVSNSEMLAVK	AGAP002718-PA,AGAP002718-PB	M15(Oxidation)	99	1.12E-09	1	2070.092	0.97	Malpighian tubule	2R:-:26172650-26172594;2R:-:26172650-26172594	exon=> In CDS Exon 4 of transcript AGAP002718-PA;exon=> In CDS Exon 1 of transcript AGAP002718-PB
JHU_Ag_91049	LVTLPNFKPDTFLNALAEHK	AGAP002718-PA,AGAP002718-PB	-	104	2.09E-10	1	2268.242	1.6	Malpighian tubule	2R:-:26172464-26172405;2R:-:26172464-26172405	exon=> In CDS Exon 4 of transcript AGAP002718-PA;exon=> In CDS Exon 1 of transcript AGAP002718-PB
JHU_Ag_92789	NYASVGSPCPR	AGAP002718-PA,AGAP002718-PB	C9(Carbamidomethyl)	48	0.000209059	2	1207.556	2.58	Malpighian tubule	2R:-:26172092-26172060;2R:-:26172092-26172060	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_98403	LEGGVTFLDSIPK	AGAP002718-PA,AGAP002718-PB	-	89	1.22E-08	1	1375.748	0.92	Malpighian tubule	2R:-:26171624-26171586;2R:-:26171624-26171586	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_102938	RLEGGVTFLDSIPK	AGAP002718-PA,AGAP002718-PB	-	74	3.30E-07	1	1531.849	0.37	Malpighian tubule	2R:-:26171627-26171586;2R:-:26171627-26171586	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_116540	SHEAVADAAVVGMPHPVAGEVPR	AGAP002718-PA,AGAP002718-PB	M13(Oxidation)	107	2.76E-10	1	2312.159	5.98	Malpighian tubule	2R:-:26171780-26171712;2R:-:26171780-26171712	exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB
JHU_Ag_93346	ALTTAVPSPSPSPSPSSGPPSAK	AGAP002719-PA	-	39	0.001589337	1	2120.087	-0.18	Head	2R:+:26226431-26226499	exon=> In CDS Exon 15 of transcript AGAP002719-PA
JHU_Ag_22714	FSQPHQLLMLLMDIDSLITK	AGAP002721-PA	M9(Oxidation), M12(Oxidation)	71	6.62E-07	1	2375.243	3.36	Malpighian tubule	2R:-:26235908-26235849	exon=> In CDS Exon 5 of transcript AGAP002721-PA
JHU_Ag_24647	IVMILK	AGAP002721-PA	M3(Oxidation)	35	0.000491324	2	732.470	2.09	Malpighian tubule	2R:-:26237782-26237765	exon=> In CDS Exon 3 of transcript AGAP002721-PA
JHU_Ag_49496	QIIFELDSIR	AGAP002721-PA	-	58	1.76E-05	1	1233.688	3.02	Malpighian tubule	2R:-:26237878-26237849	exon=> In CDS Exon 3 of transcript AGAP002721-PA
JHU_Ag_53276	TLEILK	AGAP002721-PA	-	29	0.005169577	1	716.457	2.33	Head	2R:-:26237812-26237795	exon=> In CDS Exon 3 of transcript AGAP002721-PA
JHU_Ag_73041	ALNLAWGSPAHFAR	AGAP002721-PA	-	40	0.001033733	3	1510.794	1.55	Malpighian tubule	2R:-:26235491-26235450	exon=> In CDS Exon 7 of transcript AGAP002721-PA
JHU_Ag_73225	TLEILK	AGAP002721-PA	-	32	0.002706793	1	716.457	1.71	Malpighian tubule	2R:-:26237812-26237795	exon=> In CDS Exon 3 of transcript AGAP002721-PA
JHU_Ag_79706	IGTTETEPSLADLVQK	AGAP002721-PA	-	47	0.000271824	1	1701.891	0.19	Malpighian tubule	2R:-:26236325-26236278	exon=> In CDS Exon 4 of transcript AGAP002721-PA
JHU_Ag_113261	MIGSQQLGTGGSSGYQYLR	AGAP002721-PA	-	68	2.44E-06	1	2002.965	0.04	Malpighian tubule	2R:-:26235727-26235671	exon=> In CDS Exon 6 of transcript AGAP002721-PA
JHU_Ag_115376	QIILK	AGAP002722-PA	Q1(Deamidated)	34	0.001493801	1	615.407	-0.63	Midgut	2R:+:26241032-26241046	exon=> In CDS Exon 4 of transcript AGAP002722-PA
JHU_Ag_5356	LDSLLHK	AGAP002723-PA	-	43	0.00015827	2	825.484	0.8	Head	2R:+:26242765-26242785	exon=> In CDS Exon 2 of transcript AGAP002723-PA
JHU_Ag_27990	AELLGLAHPSREEFEEK	AGAP002723-PA	-	64	5.10E-06	1	1954.987	-0.07	Head	2R:+:26242258-26242308	exon=> In CDS Exon 1 of transcript AGAP002723-PA
JHU_Ag_30514	QETEVEEQLTEQLK	AGAP002723-PA	-	94	6.61E-09	2	1703.837	2.12	Head	2R:+:26242321-26242362	exon=> In CDS Exon 1 of transcript AGAP002723-PA
JHU_Ag_39534	LRQETEVEEQLTEQLK	AGAP002723-PA	-	81	1.06E-07	1	1973.023	2.44	Head	2R:+:26242315-26242362	exon=> In CDS Exon 1 of transcript AGAP002723-PA
JHU_Ag_45025	LRPSTPSSEPAAGAAEGK	AGAP002723-PA	-	95	3.83E-09	1	1725.878	0.63	Head	2R:+:26242588-26242641	exon=> In CDS Exon 2 of transcript AGAP002723-PA
JHU_Ag_64983	DLNAASDATVAK	AGAP002723-PA	-	81	1.61E-07	2	1175.592	1.61	Head	2R:+:26242681-26242716	exon=> In CDS Exon 2 of transcript AGAP002723-PA

JHU_Ag_101573	AELLGLAHPSR	AGAP002723-PA	-	63	3.73E-06	2	1163.654	0.57	Head	2R:+:26242258-26242290	exon=> In CDS Exon 1 of transcript AGAP002723-PA
JHU_Ag_108938	SINDALDTLDTMK	AGAP002723-PA	M12(Oxidation)	70	1.32E-06	2	1452.690	0.53	Head	2R:+:26242642-26242680	exon=> In CDS Exon 2 of transcript AGAP002723-PA
JHU_Ag_110355	DVDLQGESLQGTSGK	AGAP002723-PA	-	100	1.64E-09	1	1533.740	0.48	Head	2R:+:26242453-26242497	exon=> In CDS Exon 2 of transcript AGAP002723-PA
JHU_Ag_2768	TVEYTADSHGFYPVLSHLPATPQQTEAVAR	AGAP002726-PA,AGAP002726-PB	Q24(Deamidated),Q23(Deamidated)	126	2.91E-12	1	3285.614	-1.06	Head	2R:+:26282537-26282626;2R:+:26282537-26282626	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_7877	TVEYTADSHGFYPVLSHLPATPQQTEAVAR	AGAP002726-PA,AGAP002726-PB	-	84	4.57E-08	1	3285.629	3.4	Malpighian tubule	2R:+:26282537-26282626;2R:+:26282537-26282626	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_24504	AQEKHFALYAK	AGAP002726-PA,AGAP002726-PB	-	60	1.39E-05	1	1305.697	1.82	Malpighian tubule	2R:+:26282627-26282659;2R:+:26282627-26282659	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_25074	HFALYAK	AGAP002726-PA,AGAP002726-PB	-	56	3.55E-05	1	849.459	-3.37	Head	2R:+:26282639-26282659;2R:+:26282639-26282659	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_47929	DRHFSLYEK	AGAP002726-PA,AGAP002726-PB	-	51	9.83E-05	1	1194.587	-2.53	Head	2R:+:26282825-26282851;2R:+:26282825-26282851	exon=> In CDS Exon 3 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_52139	HKPQLVVVEEYEER	AGAP002726-PA,AGAP002726-PB	-	62	8.62E-06	1	1754.904	-1.62	Head	2R:+:26282336-26282377;2R:+:26282336-26282377	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_60097	HFSLYEK	AGAP002726-PA,AGAP002726-PB	-	44	0.000423961	1	923.464	1.85	Head	2R:+:26282831-26282851;2R:+:26282831-26282851	exon=> In CDS Exon 3 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_60441	IAQEHAR	AGAP002726-PA,AGAP002726-PB	-	50	8.03E-05	2	824.438	0.6	Head	2R:+:26282852-26282872;2R:+:26282852-26282872	exon=> In CDS Exon 3 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_67921	DTVAVAK	AGAP002726-PA,AGAP002726-PB	-	43	0.001327327	1	703.401	3.61	Head	2R:+:26282798-26282818;2R:+:26282798-26282818	exon=> In CDS Exon 3 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_73172	SPGHVDR	AGAP002726-PA,AGAP002726-PB	-	42	0.000525592	2	767.378	-2.32	Head	2R:+:26282438-26282458;2R:+:26282438-26282458	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_91096	GSFSYVDPR	AGAP002726-PA,AGAP002726-PB	-	48	0.000158972	2	1027.484	-0.43	Head	2R:+:26282498-26282524;2R:+:26282498-26282524	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_94305	IAQEHADAHSGR	AGAP002726-PA,AGAP002726-PB	Q3(Deamidated)	67	3.15E-06	1	1291.613	-0.4	Head	2R:+:26282660-26282695;2R:+:26282660-26282695	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_116169	IGAEQEAAR	AGAP002726-PA,AGAP002726-PB	-	59	1.19E-05	2	944.479	-0.69	Head	2R:+:26282873-26282899;2R:+:26282873-26282899	exon=> In CDS Exon 3 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_116711	THSEVSDGSGVVR	AGAP002726-PA,AGAP002726-PB	-	101	8.02E-10	1	1329.635	-3.17	Head	2R:+:26282459-26282497;2R:+:26282459-26282497	exon=> In CDS Exon 2 of transcript AGAP002726-PA;exon=> In CDS Exon 2 of transcript AGAP002726-PB
JHU_Ag_38445	THSEVSDGSGVVR	AGAP002726-PB,AGAP002726-PA	-	44	0.000398535	2	1329.639	-0.05	Visceras	2R:+:26282459-26282497;2R:+:26282459-26282497	exon=> In CDS Exon 2 of transcript AGAP002726-PB;exon=> In CDS Exon 2 of transcript AGAP002726-PA
JHU_Ag_92840	TVEYTADSHGFYPVLSHLPATPQQTEAVAR	AGAP002726-PB,AGAP002726-PA	-	108	1.67E-10	1	3285.620	0.61	Visceras	2R:+:26282537-26282626;2R:+:26282537-26282626	exon=> In CDS Exon 2 of transcript AGAP002726-PB;exon=> In CDS Exon 2 of transcript AGAP002726-PA

JHU_Ag_111969	IAQEHADAHSGR	AGAP002726-PB,AGAP002726-PA	-	63	7.07E-06	1	1291.618	3.19	Visceras	2R:+:26282660-26282695;2R:+:26282660-26288695	exon=> In CDS Exon 2 of transcript AGAP002726-PB;exon=> In CDS Exon 2 of transcript AGAP002726-PA
JHU_Ag_517	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	31	0.003197303	1	1865.042	1.93	Pupa	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_1141	YLTGDLGGK	AGAP002728-PB,AGAP002728-PA	-	34	0.003812116	1	923.484	1.01	Malpighian tubule	2R:+:26289180-26289206;2R:+:26289180-26289206	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_2147	IQSACFETIK	AGAP002728-PB,AGAP002728-PA	C5(Carbamidomethyl)	46	0.000282193	2	1196.601	2.07	Salivary gland	2R:+:26289141-26289170;2R:+:26289141-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_4368	IFAVANVPIEWETVDVTPVR	AGAP002728-PB,AGAP002728-PA	-	137	1.52E-13	1	2255.210	1.26	Visceras	2R:+:26288161-26288220;2R:+:26288161-26288220	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_4803	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	82	7.81E-08	2	1407.754	4.49	Midgut	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_5036	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	43	0.000269275	2	1865.038	-0.1	Ovary	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_5556	KVTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	85	8.57E-09	1	1993.130	-1.6	Salivary gland	2R:+:26288101-26288160;2R:+:26288101-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_6002	SLNLALR	AGAP002728-PB,AGAP002728-PA	-	42	0.000831591	2	786.484	0.87	Visceras	2R:+:26288408-26288428;2R:+:26288408-26288428	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_6302	HMELNQHADKIQSACFETIK	AGAP002728-PB,AGAP002728-PA	C15(Carbamidomethyl),"M2(Oxidation),C15(Carbamidomethyl)"	139	2.18E-13	1	2400.147	1.35	Malpighian tubule	2R:+:26289111-26289170;2R:+:26289111-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_8100	IQSACFETIK	AGAP002728-PB,AGAP002728-PA	C5(Carbamidomethyl)	79	1.43E-07	1	1196.600	1.25	Malpighian tubule	2R:+:26289141-26289170;2R:+:26289141-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_10943	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	26	0.012106299	1	1865.039	0.81	Midgut	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_10961	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	99	2.10E-09	1	1373.721	2.98	Visceras	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_13222	IFAVANVPIEWETVDVTPVRNPDGK	AGAP002728-PB,AGAP002728-PA	-	54	2.54E-05	1	2766.454	2.89	Pupa	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	exon=> In CDS Exon 3 and 4 of transcript AGAP002728-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002728-PA
JHU_Ag_15164	IQSACFETIK	AGAP002728-PB,AGAP002728-PA	C5(Carbamidomethyl)	63	5.82E-06	2	1196.601	2.78	Visceras	2R:+:26289141-26289170;2R:+:26289141-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA

JHU_Ag_15483	DLANPTALLLSAVMMLR	AGAP002728-PB,AGAP002728-PA	N4(Deamidated), M15(Oxidation),M15(Oxidation),"N4(Deamidated), M14(Oxidation), M15(Oxidation)","M14(Oxidation), M15(Oxidation)","N4(Deamidated), M14(Oxidation)"	120	9.71E-12	1	1860.995	1.42	Midgut	2R:+:26289060-26289110;2R:+:26289060-26289110	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_15682	DLANPTALLLSAVMMLR	AGAP002728-PB,AGAP002728-PA	N4(Deamidated), M14(Oxidation), M15(Oxidation),"M14(Oxidation), M15(Oxidation)"	104	4.43E-10	1	1860.993	0.36	Ovary	2R:+:26289060-26289110;2R:+:26289060-26289110	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_15791	IFAVANVPIEWETVDVTPVR	AGAP002728-PB,AGAP002728-PA	-	123	3.44E-12	1	2255.206	-0.69	Midgut	2R:+:26288161-26288220;2R:+:26288161-26288220	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_18374	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	79	1.51E-07	1	1407.750	1.55	Pupa	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_18763	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	37	0.002983434	3	2532.220	3.93	Larva	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_22373	DLANPTALLLSAVMMLR	AGAP002728-PB,AGAP002728-PA	M14(Oxidation), M15(Oxidation)	108	1.78E-10	2	1860.995	1.42	Male reproductive organs	2R:+:26289060-26289110;2R:+:26289060-26289110	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_23150	YLDTVCLNMVQDPR	AGAP002728-PB,AGAP002728-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), M9(Oxidation)"	78	1.95E-07	1	1739.808	-0.74	Midgut	2R:+:26288774-26288815;2R:+:26288774-26288815	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_23480	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	139	2.06E-13	1	2532.211	0.24	Ovary	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_23892	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	156	4.28E-15	1	2532.221	4.43	Visceras	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_24336	HMELNQHADK	AGAP002728-PB,AGAP002728-PA	M2(Oxidation),"M2(Oxidation), N5(Deamidated)","M2(Oxidation), Q6(Deamidated)"	79	1.07E-07	1	1239.538	-3.57	Head	2R:+:26289111-26289140;2R:+:26289111-26289140	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_24776	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	67	3.08E-06	2	1032.532	0.09	Salivary gland	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_25629	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	86	2.80E-08	2	1407.749	0.68	Male reproductive organs	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_25677	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	124	1.91E-12	1	1865.039	0.58	Head	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_28902	YLTGDLGGK	AGAP002728-PB,AGAP002728-PA	-	36	0.002364956	1	923.483	-0.04	Head	2R:+:26289180-26289206;2R:+:26289180-26289206	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_29761	SLNLALRK	AGAP002728-PB,AGAP002728-PA	-	28	0.007235498	2	914.579	0.81	Head	2R:+:26288408-26288431;2R:+:26288408-26288431	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA

JHU_Ag_30018	DLANPTALLLSAVMMLR	AGAP002728-PB,AGAP002728-PA	M14(Oxidation), M15(Oxidation)	111	6.27E-11	1	1861.007	7.91	Larva	2R:+:26289060-26289110;2R:+:26289060-26289110	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_30410	IFAVANVPIEWETVDVTPVRNPDGK	AGAP002728-PB,AGAP002728-PA	-	92	3.95E-09	1	2766.453	2.3	Visceras	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	exon=> In CDS Exon 3 and 4 of transcript AGAP002728-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002728-PA
JHU_Ag_31042	KVTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	117	5.19E-12	1	1993.134	0.78	Visceras	2R:+:26288101-26288160;2R:+:26288101-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_31494	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	142	1.11E-13	1	2532.219	3.64	Malpighian tubule	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_32060	KVTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	62	1.53E-06	1	1993.136	1.52	Midgut	2R:+:26288101-26288160;2R:+:26288101-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_32526	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	119	2.03E-11	1	2532.212	0.82	Male reproductive organs	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_33746	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	63	2.37E-06	2	1865.040	0.88	Male reproductive organs	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_33918	MSDGLFLR	AGAP002728-PB,AGAP002728-PA	-	64	4.56E-06	2	938.477	0.86	Head	2R:+:26288699-26288722;2R:+:26288699-26288722	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_33927	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	79	2.20E-07	1	1373.715	-1.99	Midgut	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_34105	KEFNLYANVRPCR	AGAP002728-PB,AGAP002728-PA	C12(Carbamidomethyl)	53	6.17E-05	1	1666.851	1.62	Malpighian tubule	2R:+:26288429-26288467;2R:+:26288429-26288467	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_34482	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	79	1.76E-07	1	1407.750	1.63	Malpighian tubule	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_36003	HMELNQHADKIQSACFETIK	AGAP002728-PB,AGAP002728-PA	M2(Oxidation), C15(Carbamidomethyl)	52	0.000107 58	1	2416.151	5.09	Male reproductive organs	2R:+:26289111-26289170;2R:+:26289111-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_36650	DMAQKYPEIK	AGAP002728-PB,AGAP002728-PA	M2(Oxidation)	56	4.14E-05	1	1222.613	-0.2	Visceras	2R:+:26288732-26288761;2R:+:26288732-26288761	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_38270	IFAVANVPIEWETVDVTPVRNPDGK	AGAP002728-PB,AGAP002728-PA	-	76	1.70E-07	1	2766.460	5.14	Head	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	exon=> In CDS Exon 3 and 4 of transcript AGAP002728-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002728-PA
JHU_Ag_39290	CSEYTNAICDR	AGAP002728-PB,AGAP002728-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	84	7.87E-09	1	1388.558	0.85	Visceras	2R:+:26289213-26289245;2R:+:26289213-26289245	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_39344	VAEYAFKYAK	AGAP002728-PB,AGAP002728-PA	-	58	2.78E-05	1	1189.627	1.8	Malpighian tubule	2R:+:26288618-26288647;2R:+:26288618-26288647	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA

JHU_Ag_40089	MSDGLFLR	AGAP002728-PB,AGAP002728-PA	M1(Oxidation)	51	8.93E-05	2	938.477	0.08	Midgut	2R:+:26288699-26288722;2R:+:26288699-26288722	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_40416	LITEEASNRVAEYAFK	AGAP002728-PB,AGAP002728-PA	-	102	8.67E-10	1	1840.950	2.98	Malpighian tubule	2R:+:26288591-26288638;2R:+:26288591-26288638	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_40559	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	Q20(Deamidated),N2(Deamidated)	133	7.93E-13	1	2532.204	-2.58	Midgut	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_40947	GPLMTPVGK	AGAP002728-PB,AGAP002728-PA	M4(Oxidation)	44	0.000656309	1	915.497	-0.07	Head	2R:+:26288372-26288398;2R:+:26288372-26288398	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_43597	SLNLALR	AGAP002728-PB,AGAP002728-PA	-	45	0.000518665	2	786.483	-0.61	Head	2R:+:26288408-26288428;2R:+:26288408-26288428	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_44214	KVTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	106	5.21E-11	1	1993.137	1.8	Malpighian tubule	2R:+:26288101-26288160;2R:+:26288101-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_45284	KVTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	86	6.31E-09	1	1993.132	-0.32	Male reproductive organs	2R:+:26288101-26288160;2R:+:26288101-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_45670	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	78	2.50E-07	1	1373.720	1.83	Pupa	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_46359	EFNLYANVRPCR	AGAP002728-PB,AGAP002728-PA	C11(Carbamidomethyl)	45	0.000533488	1	1538.754	0.57	Malpighian tubule	2R:+:26288432-26288467;2R:+:26288432-26288467	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_47248	MSDGLFLR	AGAP002728-PB,AGAP002728-PA	M1(Oxidation)	62	7.91E-06	2	938.476	-0.37	Visceras	2R:+:26288699-26288722;2R:+:26288699-26288722	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_47493	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	89	1.52E-08	1	1407.748	0.42	Salivary gland	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_48404	CSEYTNAICDR	AGAP002728-PB,AGAP002728-PA	C1(Carbamidomethyl),C9(Carbamidomethyl)	71	1.40E-07	1	1388.559	1.29	Malpighian tubule	2R:+:26289213-26289245;2R:+:26289213-26289245	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_50320	KVTVVHK	AGAP002728-PB,AGAP002728-PA	-	36	0.000340509	2	810.517	-3	Head	2R:+:26288663-26288683;2R:+:26288663-26288683	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_50928	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	61	1.42E-05	2	1032.535	3.16	Malpighian tubule	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_51577	IFAVANVPIEWETVDVTPVR	AGAP002728-PB,AGAP002728-PA	-	149	7.82E-15	1	2255.214	2.99	Malpighian tubule	2R:+:26288161-26288220;2R:+:26288161-26288220	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_53682	MSDGLFLR	AGAP002728-PB,AGAP002728-PA	M1(Oxidation)	52	6.88E-05	2	954.469	-2.84	Ovary	2R:+:26288699-26288722;2R:+:26288699-26288722	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_54853	YLDTVCLNMVQDPR	AGAP002728-PB,AGAP002728-PA	C6(Carbamidomethyl),M9(Oxidation)	78	2.17E-07	1	1739.811	1.09	Salivary gland	2R:+:26288774-26288815;2R:+:26288774-26288815	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_55575	NPDGKFGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	80	1.39E-07	1	1884.962	3	Malpighian tubule	2R:+:26288300-26288353;2R:+:26288300-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA

JHU_Ag_55672	CSEYTNAICDR	AGAP002728-PB,AGAP002728-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	89	2.67E-09	1	1388.557	0.24	Head	2R:+:26289213-26289245;2R:+:26289213-26289245	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_57551	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	47	0.000306 62	2	1032.532	-0.27	Ovary	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_57982	IFAVANVPIEWETVDVTPVR	AGAP002728-PB,AGAP002728-PA	-	77	1.39E-07	2	2255.209	0.83	Salivary gland	2R:+:26288161-26288220;2R:+:26288161-26288220	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_58134	MSDGLFLR	AGAP002728-PB,AGAP002728-PA	M1(Oxidation)	55	3.76E-05	2	954.471	-0.92	Male reproductive organs	2R:+:26288699-26288722;2R:+:26288699-26288722	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_58647	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	57	3.22E-05	2	1032.532	-0.5	Male reproductive organs	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_59368	IQSACFETIK	AGAP002728-PB,AGAP002728-PA	C5(Carbamidomethyl)	69	1.48E-06	1	1196.598	0.13	Male reproductive organs	2R:+:26289141-26289170;2R:+:26289141-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_61083	YLTGDLGGK	AGAP002728-PB,AGAP002728-PA	-	49	0.000128 151	1	923.487	4.26	Visceras	2R:+:26289180-26289206;2R:+:26289180-26289206	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_61405	GPLMTPVGK	AGAP002728-PB,AGAP002728-PA	M4(Oxidation)	49	0.000216 824	1	915.497	-0.07	Ovary	2R:+:26288372-26288398;2R:+:26288372-26288398	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_61934	MSDGLFLR	AGAP002728-PB,AGAP002728-PA	M1(Oxidation)	72	7.33E-07	2	954.471	-0.41	Salivary gland	2R:+:26288699-26288722;2R:+:26288699-26288722	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_62187	GPLMTPVGK	AGAP002728-PB,AGAP002728-PA	M4(Oxidation)	55	5.79E-05	1	915.498	1.13	Salivary gland	2R:+:26288372-26288398;2R:+:26288372-26288398	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_62920	YLDTVCLNMVQDPR	AGAP002728-PB,AGAP002728-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), M9(Oxidation)"	83	7.69E-08	2	1739.813	2.28	Head	2R:+:26288774-26288815;2R:+:26288774-26288815	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_63084	GPLMTPVGK	AGAP002728-PB,AGAP002728-PA	M4(Oxidation)	56	4.54E-05	1	915.500	3.26	Visceras	2R:+:26288372-26288398;2R:+:26288372-26288398	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_63469	KVTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	43	0.000123 37	1	1993.134	0.6	Head	2R:+:26288101-26288160;2R:+:26288101-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_65370	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	89	2.07E-08	1	1373.718	0.67	Salivary gland	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_65570	CSEYTNAICDRIK	AGAP002728-PB,AGAP002728-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	67	2.37E-06	1	1629.737	0.6	Malpighian tubule	2R:+:26289213-26289251;2R:+:26289213-26289251	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_65926	YLTGDLGGK	AGAP002728-PB,AGAP002728-PA	-	41	0.000894 095	1	923.483	-0.63	Midgut	2R:+:26289180-26289206;2R:+:26289180-26289206	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_67468	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	90	3.61E-09	1	1865.046	4.08	Malpighian tubule	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_68307	SLEGYKTLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	93	5.57E-09	1	2085.089	1.12	Malpighian tubule	2R:+:26288468-26288521;2R:+:26288468-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA

JHU_Ag_68414	YLDTVCLNMVQDPR	AGAP002728-PB,AGAP002728-PA	C6(Carbamidomethyl)	58	2.70E-05	1	1723.819	2.82	Malpighian tubule	2R:+:26288774-26288815;2R:+:26288774-26288815	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_68592	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	100	1.31E-09	1	1407.751	1.89	Visceras	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_70332	YPEIKFEER	AGAP002728-PB,AGAP002728-PA	-	52	7.46E-05	1	1210.612	1.48	Salivary gland	2R:+:26288747-26288773;2R:+:26288747-26288773	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_70362	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	89	1.98E-08	1	1373.721	2.45	Malpighian tubule	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_71456	KVTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	52	1.50E-05	1	1993.133	0.23	Ovary	2R:+:26288101-26288160;2R:+:26288101-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_73471	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	65	1.26E-06	1	1865.050	6.31	Salivary gland	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_76381	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	67	3.67E-06	1	1032.532	0.21	Visceras	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_78043	DLANPTALLLSAVMMLR	AGAP002728-PB,AGAP002728-PA	M15(Oxidation),"M14(Oxidation), M15(Oxidation)",M14(Oxidation)	113	3.94E-11	1	1861.007	8.04	Salivary gland	2R:+:26289060-26289110;2R:+:26289060-26289110	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_79490	SLNLALR	AGAP002728-PB,AGAP002728-PA	-	35	0.003774897	1	786.486	2.89	Malpighian tubule	2R:+:26288408-26288428;2R:+:26288408-26288428	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_79899	VAEYAFK	AGAP002728-PB,AGAP002728-PA	-	38	0.001473635	1	827.431	0.87	Visceras	2R:+:26288618-26288638;2R:+:26288618-26288638	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_80485	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	101	1.19E-09	1	1373.718	0.32	Male reproductive organs	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_80625	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	130	1.50E-12	1	2532.215	1.76	Salivary gland	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_82267	MSDGLFLR	AGAP002728-PB,AGAP002728-PA	M1(Oxidation)	64	4.54E-06	2	954.472	0.87	Malpighian tubule	2R:+:26288699-26288722;2R:+:26288699-26288722	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_82513	EFNLYANVRPCR	AGAP002728-PB,AGAP002728-PA	C11(Carbamidomethyl)	54	6.06E-05	1	1538.754	0.57	Salivary gland	2R:+:26288432-26288467;2R:+:26288432-26288467	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_82809	YPEIKFEER	AGAP002728-PB,AGAP002728-PA	-	57	2.61E-05	1	1210.613	2.29	Visceras	2R:+:26288747-26288773;2R:+:26288747-26288773	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_83650	YLDTVCLNMVQDPR	AGAP002728-PB,AGAP002728-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), M9(Oxidation)"	96	4.40E-09	1	1723.817	1.48	Visceras	2R:+:26288774-26288815;2R:+:26288774-26288815	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_84278	IFAVANVPIEWETVDVTPVRNPDGK	AGAP002728-PB,AGAP002728-PA	-	54	2.86E-05	1	2766.450	1.44	Midgut	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	exon=> In CDS Exon 3 and 4 of transcript AGAP002728-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002728-PA

JHU_Ag_85215	VGLKGPLMTPVGK	AGAP002728-PB,AGAP002728-PA	M8(Oxidation)	79	3.79E-08	1	1312.768	1.48	Malpighian tubule	2R:+:26288360-26288398;2R:+:26288360-26288398	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_86316	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	66	3.78E-06	2	1032.531	-0.62	Head	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_89630	VTLIPGDGIGPEISAAVQK	AGAP002728-PB,AGAP002728-PA	-	112	2.81E-11	1	1865.043	2.45	Visceras	2R:+:26288104-26288160;2R:+:26288104-26288160	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_93263	EFNLYANVRPCR	AGAP002728-PB,AGAP002728-PA	C11(Carbamidomethyl)	49	0.000193344	1	1538.754	0.18	Head	2R:+:26288432-26288467;2R:+:26288432-26288467	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_93268	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	61	1.31E-05	2	1032.532	-0.38	Midgut	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_93401	IFAVANVPIEWETVDVTPVRNPDGK	AGAP002728-PB,AGAP002728-PA	-	54	3.06E-05	1	2766.445	-0.28	Male reproductive organs	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	exon=> In CDS Exon 3 and 4 of transcript AGAP002728-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002728-PA
JHU_Ag_94215	IFAVANVPIEWETVDVTPVRNPDGK	AGAP002728-PB,AGAP002728-PA	-	66	1.67E-06	1	2766.459	4.62	Malpighian tubule	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	exon=> In CDS Exon 3 and 4 of transcript AGAP002728-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002728-PA
JHU_Ag_94232	IFAVANVPIEWETVDVTPVR	AGAP002728-PB,AGAP002728-PA	-	84	3.06E-08	2	2255.206	-0.36	Larva	2R:+:26288161-26288220;2R:+:26288161-26288220	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_96602	VAEYAFK	AGAP002728-PB,AGAP002728-PA	-	43	0.000446057	1	827.432	3.08	Malpighian tubule	2R:+:26288618-26288638;2R:+:26288618-26288638	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_97963	IFAVANVPIEWETVDVTPVR	AGAP002728-PB,AGAP002728-PA	-	120	7.06E-12	2	2255.212	2.13	Head	2R:+:26288161-26288220;2R:+:26288161-26288220	exon=> In CDS Exon 3 of transcript AGAP002728-PB;exon=> In CDS Exon 2 of transcript AGAP002728-PA
JHU_Ag_99308	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	92	1.02E-08	1	1373.718	0.23	Head	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_102743	LITEEASNR	AGAP002728-PB,AGAP002728-PA	-	68	2.85E-06	2	1032.532	0.21	Pupa	2R:+:26288591-26288617;2R:+:26288591-26288617	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_103100	IFAVANVPIEWETVDVTPVRNPDGK	AGAP002728-PB,AGAP002728-PA	-	76	1.65E-07	1	2766.463	6.14	Salivary gland	2R:+:26288161-26288220,26288300-26288314;2R:+:26288161-26288220,26288300-26288314	exon=> In CDS Exon 3 and 4 of transcript AGAP002728-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP002728-PA
JHU_Ag_104931	SLNLALRK	AGAP002728-PB,AGAP002728-PA	-	34	0.000762464	2	914.582	3.75	Male reproductive organs	2R:+:26288408-26288431;2R:+:26288408-26288431	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA

JHU_Ag_106245	DLANPTALLLSAVMMLR	AGAP002728-PB,AGAP002728-PA	M15(Oxidation),"M14(Oxidation),M15(Oxidation)",M14(Oxidation)	132	5.28E-13	1	1845.006	4.7	Visceras	2R:+:26289060-26289110;2R:+:26289060-26289110	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_106301	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	89	1.78E-08	1	1407.747	-0.28	Ovary	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_106983	TLYDNVDVVTIRENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	93	4.76E-09	1	3920.940	-0.08	Visceras	2R:+:26288486-26288590;2R:+:26288486-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_107717	IQSACFETIK	AGAP002728-PB,AGAP002728-PA	C5(Carbamidomethyl)	34	0.004592 81	2	1196.595	-2.83	Midgut	2R:+:26289141-26289170;2R:+:26289141-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_108275	VGLKGPLMTPVGK	AGAP002728-PB,AGAP002728-PA	M8(Oxidation)	45	9.71E-05	1	1312.770	3.52	Salivary gland	2R:+:26288360-26288398;2R:+:26288360-26288398	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_108341	HMELNQHADKIQSACFETIK	AGAP002728-PB,AGAP002728-PA	C15(Carbamidomethyl),"M2(Oxidation),C15(Carbamidomethyl)"	140	1.76E-13	1	2400.144	0.13	Visceras	2R:+:26289111-26289170;2R:+:26289111-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_108628	TLYDNVDVVTIR	AGAP002728-PB,AGAP002728-PA	-	90	1.28E-08	1	1407.750	1.2	Head	2R:+:26288486-26288521;2R:+:26288486-26288521	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_109849	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	-	96	4.01E-09	1	2532.216	2.41	Pupa	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_109976	SLNLALRK	AGAP002728-PB,AGAP002728-PA	-	41	0.000162 263	1	914.582	3.62	Visceras	2R:+:26288408-26288431;2R:+:26288408-26288431	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_110652	VAEYAFK	AGAP002728-PB,AGAP002728-PA	-	53	4.09E-05	2	827.429	-0.9	Head	2R:+:26288618-26288638;2R:+:26288618-26288638	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_111136	KVTVVHK	AGAP002728-PB,AGAP002728-PA	-	29	0.002023 578	2	810.520	0.09	Malpighian tubule	2R:+:26288663-26288683;2R:+:26288663-26288683	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_112325	HMELNQHADK	AGAP002728-PB,AGAP002728-PA	-	50	0.000126 411	1	1222.564	0.7	Visceras	2R:+:26289111-26289140;2R:+:26289111-26289140	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_114086	IQSACFETIK	AGAP002728-PB,AGAP002728-PA	C5(Carbamidomethyl)	39	0.001310 156	2	1196.595	-2.73	Head	2R:+:26289141-26289170;2R:+:26289141-26289170	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_114186	ENTEGEYSGIEHEIVDGVVQSIK	AGAP002728-PB,AGAP002728-PA	Q20(Deamidated)	152	1.07E-14	1	2532.218	2.99	Head	2R:+:26288522-26288590;2R:+:26288522-26288590	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_114377	SLNLALR	AGAP002728-PB,AGAP002728-PA	-	46	0.000449 663	2	786.483	0.17	Salivary gland	2R:+:26288408-26288428;2R:+:26288408-26288428	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_115147	FGIPQGAIDSVNR	AGAP002728-PB,AGAP002728-PA	-	84	5.63E-08	1	1373.717	-0.48	Ovary	2R:+:26288315-26288353;2R:+:26288315-26288353	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_115497	EFNLYANVRPCR	AGAP002728-PB,AGAP002728-PA	C11(Carbamidomethyl)	58	2.59E-05	1	1538.757	2.72	Visceras	2R:+:26288432-26288467;2R:+:26288432-26288467	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_115728	KEFNLYANVRPCR	AGAP002728-PB,AGAP002728-PA	C12(Carbamidomethyl)	61	1.15E-05	1	1666.848	0.08	Visceras	2R:+:26288429-26288467;2R:+:26288429-26288467	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA

JHU_Ag_115959	GPLMTPVGK	AGAP002728-PB,AGAP002728-PA	M4(Oxidation)	54	2.68E-05	1	899.504	2.42	Malpighian tubule	2R:+:26288372-26288398;2R:+:26288372-26288398	exon=> In CDS Exon 4 of transcript AGAP002728-PB;exon=> In CDS Exon 3 of transcript AGAP002728-PA
JHU_Ag_116470	CSEYTNAICDR	AGAP002728-PB,AGAP002728-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	68	2.85E-07	2	1388.560	2.26	Salivary gland	2R:+:26289213-26289245;2R:+:26289213-26289245	exon=> In CDS Exon 5 of transcript AGAP002728-PB;exon=> In CDS Exon 4 of transcript AGAP002728-PA
JHU_Ag_11306	LSSSGGALGGGFHR	AGAP002729-PA	-	118	3.11E-11	1	1302.658	2.5	Head	2R:-:26296324-26296283	exon=> In CDS Exon 1 of transcript AGAP002729-PA
JHU_Ag_102682	MPDTDELTFQK	AGAP002729-PA	M1(Oxidation)	32	0.006510288	1	1340.599	-3.46	Head	2R:-:26295610-26295578	exon=> In CDS Exon 3 of transcript AGAP002729-PA
JHU_Ag_86972	LDEDASTFLQALK	AGAP002731-PA	-	52	9.77E-05	2	1450.746	2.36	Head	2R:+:26301571-26301609	exon=> In CDS Exon 3 of transcript AGAP002731-PA
JHU_Ag_117193	DPDLVGFEIIPMPLNQNK	AGAP002731-PA	M12(Oxidation)	46	0.000398834	2	2056.045	1.65	Head	2R:+:26299481-26299491,26300315-26300357	exon=> In CDS Exon 1 and 2 of transcript AGAP002731-PA
JHU_Ag_87783	SPAILK	AGAP002732-PA	-	32	0.000914816	1	628.403	0.42	Male reproductive organs	2R:+:26331682-26331699	exon=> In CDS Exon 6 of transcript AGAP002732-PA
JHU_Ag_4142	THEQSVFADNEAAFASLLK	AGAP002737-PA	-	84	6.66E-08	2	2078.011	-3.83	Head	2R:+:26371650-26371706	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_14006	ASQMQQGALESLK	AGAP002737-PA	M4(Oxidation)	76	4.39E-07	2	1390.700	0.49	Head	2R:+:26372370-26372408	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_35372	ILADILYPVQQLHK	AGAP002737-PA	-	36	0.000468029	1	1650.961	1.99	Head	2R:+:26370183-26370224	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_52809	DASLSTIHEER	AGAP002737-PA	-	41	0.000824552	2	1257.608	0.94	Head	2R:+:26369454-26369486	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_79266	FGLTEVLLELK	AGAP002737-PA	-	55	1.15E-05	2	1261.742	1.65	Visceras	2R:+:26370762-26370794	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_87205	LLETVTHVQHDIR	AGAP002737-PA	-	104	3.70E-10	1	1560.852	1.62	Head	2R:+:26372295-26372333	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_92004	DSLPVLTSPAK	AGAP002737-PA	-	47	0.000168583	2	1127.631	0.16	Head	2R:+:26369991-26370023	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_94705	AQSEHSLEQAK	AGAP002737-PA	-	34	0.004803768	1	1227.591	-4.85	Head	2R:+:26372241-26372273	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_95735	LESIELVNAIATPIAK	AGAP002737-PA	-	128	4.32E-13	2	1681.979	3.05	Head	2R:+:26372526-26372573	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_105016	QSLSDVQQLIQTEIVVK	AGAP002737-PA	-	59	5.91E-06	2	1928.075	2.68	Visceras	2R:+:26372409-26372459	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_108201	DDLVVDGSDNCK	AGAP002737-PA	C11(Carbamidomethyl)	88	8.02E-09	1	1336.570	0.67	Head	2R:+:26368956-26368991	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_109408	QSLSDVQQLIQTEIVVK	AGAP002737-PA	-	121	3.66E-12	1	1928.075	2.36	Head	2R:+:26372409-26372459	exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_256	AESSSNVDIINPNAIK	AGAP002737-PA,AGAP002737-PB	-	65	4.10E-06	2	1671.862	4.32	Malpighian tubule	2R:+:26393979-26394026;2R:+:26393979-26394026	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_313	FPLFMWYK	AGAP002737-PA,AGAP002737-PB	M5(Oxidation)	56	3.69E-05	1	1131.569	-0.54	Visceras	2R:+:26390289-26390312;2R:+:26390289-26390312	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_420	EVHADYIR	AGAP002737-PA,AGAP002737-PB	-	49	0.000205777	1	1002.497	-2.92	Head	2R:+:26394325-26394348;2R:+:26394325-26394348	exon=> In CDS Exon 11 of transcript AGAP002737-PA;exon=> In CDS Exon 7 of transcript AGAP002737-PB
JHU_Ag_887	NGETSTSTSLTVYENYETKPTPPTFISIK	AGAP002737-PA,AGAP002737-PB	-	89	1.80E-08	1	3205.589	3.29	Head	2R:+:26385999-26386085;2R:+:26385999-26386085	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_4793	LTCTISGPGITVR	AGAP002737-PA,AGAP002737-PB	C3(Carbamidomethyl)	94	5.54E-09	1	1374.743	1.32	Visceras	2R:+:26385825-26385863;2R:+:26385825-26385863	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB

JHU_Ag_4907	ELPEEETKAEAEAQAPAEPR	AGAP002737-PA,AGAP002737-PB	-	122	8.71E-12	1	2195.046	-0.19	Visceras	2R:+:26389111-26389170;2R:+:26389111-26389170	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_5133	HLEDDLDRDAPDK	AGAP002737-PA,AGAP002737-PB	-	73	6.26E-07	1	1538.716	5.13	Midgut	2R:+:26394564-26394602;2R:+:26394564-26394602	exon=> In CDS Exon 12 of transcript AGAP002737-PA;exon=> In CDS Exon 8 of transcript AGAP002737-PB
JHU_Ag_7251	LTCTISGPGITVR	AGAP002737-PA,AGAP002737-PB	C3(Carbamidomethyl)	42	0.000818815	2	1374.744	2.48	Pupa	2R:+:26385825-26385863;2R:+:26385825-26385863	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_10863	AESSSNVDIINPNAIK	AGAP002737-PA,AGAP002737-PB	-	98	2.23E-09	1	1671.855	0.01	Head	2R:+:26393979-26394026;2R:+:26393979-26394026	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_12525	FDFVSHMANVR	AGAP002737-PA,AGAP002737-PB	M7(Oxidation)	64	5.34E-06	1	1322.630	-1.09	Visceras	2R:+:26389294-26389326;2R:+:26389294-26389326	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_13532	LTVVEPVNTVQTFAPTFVR	AGAP002737-PA,AGAP002737-PB	-	125	1.55E-12	1	2118.162	1.39	Visceras	2R:+:26387272-26387328;2R:+:26387272-26387328	exon=> In CDS Exon 6 of transcript AGAP002737-PA;exon=> In CDS Exon 2 of transcript AGAP002737-PB
JHU_Ag_18335	LTCTISGPGITVR	AGAP002737-PA,AGAP002737-PB	C3(Carbamidomethyl)	53	5.78E-05	2	1374.747	3.99	Malpighian tubule	2R:+:26385825-26385863;2R:+:26385825-26385863	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_19097	EVHADYIR	AGAP002737-PA,AGAP002737-PB	-	45	0.000390374	1	1002.501	0.98	Pupa	2R:+:26394325-26394348;2R:+:26394325-26394348	exon=> In CDS Exon 11 of transcript AGAP002737-PA;exon=> In CDS Exon 7 of transcript AGAP002737-PB
JHU_Ag_19327	LTVVEPVNTVQTFAPTFVR	AGAP002737-PA,AGAP002737-PB	-	78	8.33E-08	2	2118.165	2.43	Pupa	2R:+:26387272-26387328;2R:+:26387272-26387328	exon=> In CDS Exon 6 of transcript AGAP002737-PA;exon=> In CDS Exon 2 of transcript AGAP002737-PB
JHU_Ag_20934	VSEGLLSLEIK	AGAP002737-PA,AGAP002737-PB	-	85	2.78E-08	1	1187.691	2.7	Visceras	2R:+:26385915-26385947;2R:+:26385915-26385947	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_21200	DRYPVTGKPPK	AGAP002737-PA,AGAP002737-PB	-	77	2.74E-07	1	1257.694	-0.74	Visceras	2R:+:26393838-26393870;2R:+:26393838-26393870	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_23037	SVQIVEPEPVTPAKEPEPEPHYK	AGAP002737-PA,AGAP002737-PB	-	94	5.40E-09	1	2600.332	2.96	Visceras	2R:+:26389171-26389239;2R:+:26389171-26389239	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_25413	GTPRPNIAWIK	AGAP002737-PA,AGAP002737-PB	-	43	0.000229478	2	1252.718	1.15	Visceras	2R:+:26393475-26393507;2R:+:26393475-26393507	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_25782	SPFEIGERPEK	AGAP002737-PA,AGAP002737-PB	-	72	9.61E-07	1	1288.652	-0.96	Visceras	2R:+:26385030-26385062;2R:+:26385030-26385062	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_26265	IQWMK	AGAP002737-PA,AGAP002737-PB	-	36	0.003728336	2	705.375	-0.07	Visceras	2R:+:26394135-26394135,26394272-26394285;2R:+:26394135-26394135,26394272-26394285	exon=> In CDS Exon 10 and 11 of transcript AGAP002737-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP002737-PB
JHU_Ag_29082	QMMRPPLVISHLK	AGAP002737-PA,AGAP002737-PB	M2(Oxidation), M3(Oxidation)	39	0.000924301	1	1581.863	1.57	Visceras	2R:+:26385753-26385791;2R:+:26385753-26385791	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_30253	VSEGLLSLEIK	AGAP002737-PA,AGAP002737-PB	-	75	1.94E-07	2	1187.692	3.32	Pupa	2R:+:26385915-26385947;2R:+:26385915-26385947	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB

JHU_Ag_31838	TEAEAAAELAR	AGAP002737-PA,AGAP002737-PB	-	52	9.03E-05	2	1131.564	0.13	Head	2R:+:26385279-26385311;2R:+:26385279-26385311	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_32477	YDPIQDELTLECCVR	AGAP002737-PA,AGAP002737-PB	C12(Carbamidomethyl), C13(Carbamidomethyl)	109	1.41E-10	1	1910.865	1.22	Visceras	2R:+:26389776-26389820;2R:+:26389776-26389820	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_34216	AESSSNVDIINPNAIK	AGAP002737-PA,AGAP002737-PB	-	118	2.41E-11	1	1671.859	2.5	Visceras	2R:+:26393979-26394026;2R:+:26393979-26394026	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_36124	FPLFMWYKDDIPLVQGR	AGAP002737-PA,AGAP002737-PB	M5(Oxidation)	120	1.07E-11	1	2125.097	1.2	Visceras	2R:+:26390289-26390339;2R:+:26390289-26390339	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_36709	VVVVEEEMVEPEPPKPAEEHSK	AGAP002737-PA,AGAP002737-PB	M8(Oxidation)	126	3.60E-12	1	2504.225	0.75	Visceras	2R:+:26385213-26385278;2R:+:26385213-26385278	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_36868	HLEDDLDR	AGAP002737-PA,AGAP002737-PB	-	47	0.000162876	1	1012.468	-1.56	Head	2R:+:26394564-26394587;2R:+:26394564-26394587	exon=> In CDS Exon 12 of transcript AGAP002737-PA;exon=> In CDS Exon 8 of transcript AGAP002737-PB
JHU_Ag_38198	HLEDDLDR	AGAP002737-PA,AGAP002737-PB	-	54	3.76E-05	1	1012.469	-0.11	Visceras	2R:+:26394564-26394587;2R:+:26394564-26394587	exon=> In CDS Exon 12 of transcript AGAP002737-PA;exon=> In CDS Exon 8 of transcript AGAP002737-PB
JHU_Ag_38892	GAKPPIFMSRPQPEIK	AGAP002737-PA,AGAP002737-PB	M8(Oxidation)	64	2.48E-06	1	1811.989	2.91	Visceras	2R:+:26394027-26394074;2R:+:26394027-26394074	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_42820	HVVDFCSK	AGAP002737-PA,AGAP002737-PB	C6(Carbamidomethyl)	42	0.000971	1	991.467	0.29	Visceras	2R:+:26388874-26388897;2R:+:26388874-26388897	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_43716	SVQIVEPEPVTPAK	AGAP002737-PA,AGAP002737-PB	-	42	0.000522239	2	1493.821	0.02	Visceras	2R:+:26389171-26389212;2R:+:26389171-26389212	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_45909	ANPTPTLTWYK	AGAP002737-PA,AGAP002737-PB	-	43	0.000799462	2	1291.668	-0.2	Visceras	2R:+:26388670-26388702;2R:+:26388670-26388702	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_46232	GHDSQLHSSLEMYQPIVQTVLR	AGAP002737-PA,AGAP002737-PB	M12(Oxidation)	59	1.55E-05	1	2554.275	1.22	Head	2R:+:26392641-26392706;2R:+:26392641-26392706	exon=> In CDS Exon 9 of transcript AGAP002737-PA;exon=> In CDS Exon 5 of transcript AGAP002737-PB
JHU_Ag_49558	GAYGCLWVNDVTVK	AGAP002737-PA,AGAP002737-PB	C5(Carbamidomethyl)	82	9.71E-08	1	1581.777	2.2	Visceras	2R:+:26387167-26387208;2R:+:26387167-26387208	exon=> In CDS Exon 6 of transcript AGAP002737-PA;exon=> In CDS Exon 2 of transcript AGAP002737-PB
JHU_Ag_50379	DLEWQR	AGAP002737-PA,AGAP002737-PB	-	36	0.00355552	1	846.414	3.87	Visceras	2R:+:26385729-26385746;2R:+:26385729-26385746	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_50830	DIDNADAGEYCCMIK	AGAP002737-PA,AGAP002737-PB	C11(Carbamidomethyl), C12(Carbamidomethyl), M13(Oxidation)	83	9.48E-09	1	1790.709	3.12	Head	2R:+:26385948-26385992;2R:+:26385948-26385992	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_51111	VSEGLLSLEIKDIDNADAGEYCCMIK	AGAP002737-PA,AGAP002737-PB	C22(Carbamidomethyl), C23(Carbamidomethyl)	57	2.69E-05	1	2943.386	2.45	Visceras	2R:+:26385915-26385992;2R:+:26385915-26385992	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_52417	TDMSYWLNYK	AGAP002737-PA,AGAP002737-PB	-	63	5.65E-06	1	1320.595	1.67	Visceras	2R:+:26389998-26390027;2R:+:26389998-26390027	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_52868	SIDSLELQLQQQAEAEAKPK	AGAP002737-PA,AGAP002737-PB	-	79	1.41E-07	1	2226.175	6.24	Malpighian tubule	2R:+:26385594-26385653;2R:+:26385594-26385653	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB

JHU_Ag_57764	GDPEPETVWIVQGVFMR	AGAP002737-PA,AGAP002737-PB	M16(Oxidation)	103	9.55E-10	1	1959.968	2.56	Visceras	2R:+:26389821-26389871;2R:+:26389821-26389871	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_57879	CPEEVSSYWK	AGAP002737-PA,AGAP002737-PB	C1(Carbamidomethyl)	73	3.56E-07	1	1284.555	-0.94	Visceras	2R:+:26389369-26389398;2R:+:26389369-26389398	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_59564	CGTCVLEIEK	AGAP002737-PA,AGAP002737-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	63	6.72E-06	2	1208.565	-0.34	Visceras	2R:+:26389453-26389482;2R:+:26389453-26389482	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_61811	QGDTLSMAFK	AGAP002737-PA,AGAP002737-PB	M7(Oxidation)	60	9.21E-06	2	1113.523	-0.95	Visceras	2R:+:26394081-26394110;2R:+:26394081-26394110	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_62160	EQYFEWLAK	AGAP002737-PA,AGAP002737-PB	-	50	0.000120943	2	1213.592	2.98	Visceras	2R:+:26388898-26388924;2R:+:26388898-26388924	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_62683	TQVALEEFER	AGAP002737-PA,AGAP002737-PB	-	59	1.97E-05	2	1221.611	-0.23	Visceras	2R:+:26389255-26389284;2R:+:26389255-26389284	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_62854	SIDSLELQLQQQAEAEAKPK	AGAP002737-PA,AGAP002737-PB	-	50	0.000107871	1	2226.165	1.8	Ovary	2R:+:26385594-26385653;2R:+:26385594-26385653	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_63228	TYSDGTGLFALCITAATMDASGR	AGAP002737-PA,AGAP002737-PB	C12(Carbamidomethyl),"C12(Carbamidomethyl), M18(Oxidation)"	98	1.87E-09	2	2379.102	2.51	Visceras	2R:+:26393877-26393945;2R:+:26393877-26393945	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_64744	IQEEEEAGK	AGAP002737-PA,AGAP002737-PB	-	45	0.000371896	2	1032.484	-0.26	Visceras	2R:+:26385312-26385338;2R:+:26385312-26385338	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_66847	QMMRPPLVISHLK	AGAP002737-PA,AGAP002737-PB	M2(Oxidation), M3(Oxidation)	60	7.37E-06	1	1581.859	-0.98	Head	2R:+:26385753-26385791;2R:+:26385753-26385791	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_68594	DCDYNPEDEALIK	AGAP002737-PA,AGAP002737-PB	C2(Carbamidomethyl)	46	9.90E-05	2	1581.673	-0.64	Visceras	2R:+:26390118-26390156;2R:+:26390118-26390156	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_68833	EVHADYIR	AGAP002737-PA,AGAP002737-PB	-	54	5.77E-05	1	1002.502	1.16	Visceras	2R:+:26394325-26394348;2R:+:26394325-26394348	exon=> In CDS Exon 11 of transcript AGAP002737-PA;exon=> In CDS Exon 7 of transcript AGAP002737-PB
JHU_Ag_69878	LTCTISGPGITVR	AGAP002737-PA,AGAP002737-PB	C3(Carbamidomethyl)	42	0.000727308	2	1374.743	1.41	Salivary gland	2R:+:26385825-26385863;2R:+:26385825-26385863	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_72810	NQPEEPVQVEVTPAEPTMLDLLK	AGAP002737-PA,AGAP002737-PB	M18(Oxidation)	59	1.60E-05	2	2593.319	4.8	Visceras	2R:+:26384907-26384975;2R:+:26384907-26384975	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_74781	AESSSNVDIINPNAIK	AGAP002737-PA,AGAP002737-PB	-	44	0.000616385	2	1671.859	2.28	Salivary gland	2R:+:26393979-26394026;2R:+:26393979-26394026	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_76901	SAVTVYENPYTK	AGAP002737-PA,AGAP002737-PB	-	89	1.76E-08	2	1371.680	0.73	Visceras	2R:+:26390463-26390498;2R:+:26390463-26390498	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_76913	DGEYIIPGDKYEQYDHADGTCK	AGAP002737-PA,AGAP002737-PB	C21(Carbamidomethyl)	112	3.79E-11	1	2574.117	2.95	Visceras	2R:+:26393508-26393573;2R:+:26393508-26393573	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_79482	LTCTISGPGITVR	AGAP002737-PA,AGAP002737-PB	C3(Carbamidomethyl)	47	0.000238626	2	1374.744	2.12	Head	2R:+:26385825-26385863;2R:+:26385825-26385863	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB

JHU_Ag_81067	NGETSTSTSLTVYENYETKPTPPTFISIK	AGAP002737-PA,AGAP002737-PB	N15(Deamidated),N1(Deamidated)	129	1.72E-12	1	3206.570	2.14	Visceras	2R:+:26385999-26386085;2R:+:26385999-26386085	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_82927	VTLEIVNVTTDDAGTYK	AGAP002737-PA,AGAP002737-PB	-	126	3.04E-12	2	1838.946	4.25	Visceras	2R:+:26390373-26390423;2R:+:26390373-26390423	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_83370	EKSPFEIGERPEK	AGAP002737-PA,AGAP002737-PB	-	69	2.47E-06	1	1545.795	2.71	Visceras	2R:+:26385024-26385062;2R:+:26385024-26385062	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_83448	VVVVEEEMVEPEPPKPAEEHSK	AGAP002737-PA,AGAP002737-PB	M8(Oxidation)	119	1.95E-11	1	2488.224	-1.34	Head	2R:+:26385213-26385278;2R:+:26385213-26385278	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_84133	KNQPEEPVQVEVTPAEPTMLDLLK	AGAP002737-PA,AGAP002737-PB	M19(Oxidation)	95	2.45E-09	1	2705.413	2.29	Visceras	2R:+:26384904-26384975;2R:+:26384904-26384975	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_87452	TQVALEEFERR	AGAP002737-PA,AGAP002737-PB	-	47	0.000274226	2	1377.711	-0.77	Visceras	2R:+:26389255-26389287;2R:+:26389255-26389287	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_89510	EAVVADEGAYFIVAR	AGAP002737-PA,AGAP002737-PB	-	126	3.69E-12	1	1609.827	3.15	Visceras	2R:+:26394361-26394405;2R:+:26394361-26394405	exon=> In CDS Exon 11 of transcript AGAP002737-PA;exon=> In CDS Exon 7 of transcript AGAP002737-PB
JHU_Ag_90328	LIVTSPGEEDSGTYTCEAESGGCSDAISHNVQFVSK	AGAP002737-PA,AGAP002737-PB	C16(Carbamidomethyl),C23(Carbamidomethyl)	101	5.13E-10	1	3831.698	0.47	Head	2R:+:26393574-26393681;2R:+:26393574-26393681	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_92369	NATEEIETVCR	AGAP002737-PA,AGAP002737-PB	C10(Carbamidomethyl)	77	2.27E-07	1	1321.604	-0.86	Visceras	2R:+:26387239-26387271;2R:+:26387239-26387271	exon=> In CDS Exon 6 of transcript AGAP002737-PA;exon=> In CDS Exon 2 of transcript AGAP002737-PB
JHU_Ag_94138	WLKNGDPIEK	AGAP002737-PA,AGAP002737-PB	N4(Deamidated)	40	0.001105163	1	1200.628	2.01	Visceras	2R:+:26385864-26385893;2R:+:26385864-26385893	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_94155	HLEDDLDRDAPDK	AGAP002737-PA,AGAP002737-PB	-	75	4.27E-07	1	1538.710	1.16	Visceras	2R:+:26394564-26394602;2R:+:26394564-26394602	exon=> In CDS Exon 12 of transcript AGAP002737-PA;exon=> In CDS Exon 8 of transcript AGAP002737-PB
JHU_Ag_94299	NQPEEPVQVEVTPAEPTMLDLLK	AGAP002737-PA,AGAP002737-PB	M18(Oxidation)	54	4.93E-05	1	2593.308	0.37	Head	2R:+:26384907-26384975;2R:+:26384907-26384975	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_94437	TEIKGEAPVFTRPMQEK	AGAP002737-PA,AGAP002737-PB	-	35	0.003763661	1	1961.015	-0.67	Visceras	2R:+:26389579-26389624,26389771-26389775;2R:+:26389579-26389624,26389771-26389775	exon=> In CDS Exon 7 and 8 of transcript AGAP002737-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002737-PB
JHU_Ag_95327	LMCCATGFDPTLEWFK	AGAP002737-PA,AGAP002737-PB	M2(Oxidation),C3(Carbamidomethyl),C4(Carbamidomethyl)	112	4.68E-11	1	1991.866	-1.93	Visceras	2R:+:26387062-26387109;2R:+:26387062-26387109	exon=> In CDS Exon 6 of transcript AGAP002737-PA;exon=> In CDS Exon 2 of transcript AGAP002737-PB
JHU_Ag_100269	NGETSTSTSLTVYENYETKPTPPTFISIK	AGAP002737-PA,AGAP002737-PB	N1(Deamidated)	72	8.91E-07	1	3206.573	3.28	Pupa	2R:+:26385999-26386085;2R:+:26385999-26386085	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_101481	AEAEAQAPAEPR	AGAP002737-PA,AGAP002737-PB	-	48	0.00024124	2	1239.596	-0.69	Head	2R:+:26389135-26389170;2R:+:26389135-26389170	exon=> In CDS Exon 7 of transcript AGAP002737-PA;exon=> In CDS Exon 3 of transcript AGAP002737-PB
JHU_Ag_101756	ERDLEWQR	AGAP002737-PA,AGAP002737-PB	-	56	3.97E-05	1	1131.555	0.58	Visceras	2R:+:26385723-26385746;2R:+:26385723-26385746	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB

JHU_Ag_103636	DGEYIIPGDK	AGAP002737-PA,AGAP002737-PB	-	41	0.001307101	1	1106.540	3.15	Visceras	2R:+:26393508-26393537;2R:+:26393508-26393537	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_105084	HLEDDLDRDAPDK	AGAP002737-PA,AGAP002737-PB	-	44	0.000503658	1	1538.707	-0.67	Head	2R:+:26394564-26394602;2R:+:26394564-26394602	exon=> In CDS Exon 12 of transcript AGAP002737-PA;exon=> In CDS Exon 8 of transcript AGAP002737-PB
JHU_Ag_106369	DGEYIIPGDKYEQYDHADGTCK	AGAP002737-PA,AGAP002737-PB	C21(Carbamidomethyl)	46	0.000148543	1	2574.112	1.32	Pupa	2R:+:26393508-26393573;2R:+:26393508-26393573	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_108886	NSVDKTDMSYWLNYK	AGAP002737-PA,AGAP002737-PB	-	45	0.000404695	1	1863.859	0.17	Visceras	2R:+:26389983-26390027;2R:+:26389983-26390027	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_109241	AKDCDYNPEDEALIK	AGAP002737-PA,AGAP002737-PB	C4(Carbamidomethyl)	110	1.31E-10	1	1780.809	1.48	Visceras	2R:+:26390112-26390156;2R:+:26390112-26390156	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_110967	SPFEIGERPEK	AGAP002737-PA,AGAP002737-PB	-	76	4.38E-07	1	1288.657	2.64	Head	2R:+:26385030-26385062;2R:+:26385030-26385062	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_111449	DRYPVTGKPPK	AGAP002737-PA,AGAP002737-PB	-	43	0.000627145	1	1257.697	1.38	Pupa	2R:+:26393838-26393870;2R:+:26393838-26393870	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_111718	AESSSNVDIINPNAIK	AGAP002737-PA,AGAP002737-PB	-	68	2.55E-06	2	1671.856	0.96	Ovary	2R:+:26393979-26394026;2R:+:26393979-26394026	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_112130	EAVVADEGAYFIVAR	AGAP002737-PA,AGAP002737-PB	-	100	1.44E-09	1	1609.829	3.98	Pupa	2R:+:26394361-26394405;2R:+:26394361-26394405	exon=> In CDS Exon 11 of transcript AGAP002737-PA;exon=> In CDS Exon 7 of transcript AGAP002737-PB
JHU_Ag_112639	TEAEAAAELAR	AGAP002737-PA,AGAP002737-PB	-	82	1.22E-07	2	1131.567	2.29	Visceras	2R:+:26385279-26385311;2R:+:26385279-26385311	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_112831	SIDSLELQLQQQAEAEAKPK	AGAP002737-PA,AGAP002737-PB	-	154	4.39E-15	1	2226.166	2.13	Visceras	2R:+:26385594-26385653;2R:+:26385594-26385653	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_113625	LIVTSPGEEDSGTYTCEAESGGCSDAISHNVQFVSK	AGAP002737-PA,AGAP002737-PB	C16(Carbamidomethyl),C23(Carbamidomethyl)	186	1.71E-18	1	3831.701	1.24	Visceras	2R:+:26393574-26393681;2R:+:26393574-26393681	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_115560	NSDEDVLKVFEDELHK	AGAP002737-PA,AGAP002737-PB	-	52	9.97E-05	1	1916.929	2.82	Visceras	2R:+:26390028-26390075;2R:+:26390028-26390075	exon=> In CDS Exon 8 of transcript AGAP002737-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PB
JHU_Ag_115921	DGEYIIPGDKYEQYDHADGTCK	AGAP002737-PA,AGAP002737-PB	C21(Carbamidomethyl)	66	1.83E-06	1	2574.125	6.16	Midgut	2R:+:26393508-26393573;2R:+:26393508-26393573	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB
JHU_Ag_116231	DIDNADAGEYCCMIK	AGAP002737-PA,AGAP002737-PB	C11(Carbamidomethyl),C12(Carbamidomethyl),M13(Oxidation),"C11(Carbamidomethyl),C12(Carbamidomethyl)"	82	1.12E-08	2	1774.711	1.38	Visceras	2R:+:26385948-26385992;2R:+:26385948-26385992	exon=> In CDS Exon 5 of transcript AGAP002737-PA;exon=> In CDS Exon 1 of transcript AGAP002737-PB
JHU_Ag_116422	AESSSNVDIINPNAIK	AGAP002737-PA,AGAP002737-PB	N6(Deamidated),N13(Deamidated)	105	4.98E-10	2	1671.857	1.11	Pupa	2R:+:26393979-26394026;2R:+:26393979-26394026	exon=> In CDS Exon 10 of transcript AGAP002737-PA;exon=> In CDS Exon 6 of transcript AGAP002737-PB

JHU_Ag_1330	TGRPILICMSNGQWSSPVPSCSR	AGAP002739-PA	C8(Carbamidomethyl), M9(Oxidation), N11(Deamidated), C21(Carbamidomethyl),"C 8(Carbamidomethyl), M9(Oxidation), Q13(Deamidated), C21(Carbamidomethyl)"	45	0.000493319	1	2607.225	5.38	Larva	2R:+:26430799-26430867	exon=> In CDS Exon 5 of transcript AGAP002739-PA
JHU_Ag_4655	LHAGNGFTDSNAPK	AGAP002739-PA	N5(Deamidated)	44	0.000455812	1	1429.675	2.82	Pupa	2R:+:26430025-26430066	exon=> In CDS Exon 3 of transcript AGAP002739-PA
JHU_Ag_8549	YMSSFFFGCQNTFK	AGAP002739-PA	M2(Oxidation), C9(Carbamidomethyl)	67	1.19E-06	2	1779.759	4.97	Larva	2R:+:26432833-26432874	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_11084	YWLGFASLDDLR	AGAP002739-PA	-	63	7.48E-06	2	1455.735	5.61	Larva	2R:+:26428804-26428839	exon=> In CDS Exon 3 of transcript AGAP002739-PA
JHU_Ag_11451	LEYSDDLSDVFK	AGAP002739-PA	-	59	1.46E-05	2	1430.674	3.93	Pupa	2R:+:26431773-26431808	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_11457	SIGNECPPLR	AGAP002739-PA	C6(Carbamidomethyl)	47	0.00026147	1	1142.564	1.05	Pupa	2R:+:26434675-26434704	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_12153	DDTGIFITLYSANAPNVITK	AGAP002739-PA	-	40	0.000981232	2	2153.124	5.12	Pupa	2R:+:26437113-26437150,26437234-26437255	exon=> In CDS Exon 11 and 12 of transcript AGAP002739-PA
JHU_Ag_13805	ILEPTLSILNLPMPIEAR	AGAP002739-PA	M13(Oxidation)	41	0.000236495	1	2036.152	2.71	Pupa	2R:+:26431848-26431901	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_15516	TTSYVLENTVVK	AGAP002739-PA	-	76	2.41E-07	2	1353.726	0.04	Pupa	2R:+:26433766-26433801	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_16384	GYSGINCQEAK	AGAP002739-PA	C7(Carbamidomethyl)	56	1.79E-05	2	1226.552	4.17	Larva	2R:+:26435482-26435514	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_19770	GWSAEFSADCPELKPGIGAIASSR	AGAP002739-PA	C10(Carbamidomethyl)	68	2.25E-06	3	2506.203	-0.25	Pupa	2R:+:26430136-26430137,26430209-26430278	exon=> In CDS Exon 3 and 4 of transcript AGAP002739-PA
JHU_Ag_19774	GYSGINCQEAK	AGAP002739-PA	C7(Carbamidomethyl)	57	1.42E-05	2	1226.545	-1.3	Pupa	2R:+:26435482-26435514	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_25122	LDCLDVNECAK	AGAP002739-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	47	0.000157742	2	1336.586	-1.11	Pupa	2R:+:26431974-26432006	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_26190	CACNFGYELFR	AGAP002739-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	59	5.97E-06	2	1436.611	1.49	Pupa	2R:+:26432058-26432090	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_30516	INLCLSEPCNHGMCVDR	AGAP002739-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), M13(Oxidation), C14(Carbamidomethyl)	41	0.00042655	1	2090.896	4.11	Larva	2R:+:26435869-26435919	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_33154	ADYQVVATTTYR	AGAP002739-PA	-	65	5.13E-06	2	1387.686	0.34	Larva	2R:+:26434330-26434365	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_35356	DYANPDGTAVEFR	AGAP002739-PA	-	57	1.91E-05	2	1454.658	2.1	Pupa	2R:+:26431809-26431847	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_36439	LNSVTGWCGK	AGAP002739-PA	C8(Carbamidomethyl)	58	2.71E-05	2	1121.541	-0.14	Pupa	2R:+:26433211-26433240	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_37126	LAGQTTMNDNVVR	AGAP002739-PA	M7(Oxidation)	63	9.34E-06	1	1434.703	1.52	Pupa	2R:+:26432875-26432913	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_37206	NSFSAMPPLGGFR	AGAP002739-PA	M6(Oxidation)	43	0.000766728	2	1396.671	2.37	Pupa	2R:+:26435014-26435052	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_37565	IAGRPGVTALVGAR	AGAP002739-PA	-	38	0.0002789	1	1337.800	-0.79	Pupa	2R:+:26438989-26439030	exon=> In CDS Exon 14 of transcript AGAP002739-PA
JHU_Ag_38634	FTDNIGISK	AGAP002739-PA	-	51	0.000101061	2	994.522	1.11	Pupa	2R:+:26437946-26437972	exon=> In CDS Exon 13 of transcript AGAP002739-PA

JHU_Ag_42017	LEYSDDLSDVFKDYANPDGTAVEFR	AGAP002739-PA	-	142	8.35E-14	1	2866.324	6.33	Larva	2R:+:26431773-26431847	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_42035	IPEVQNGYVVDK	AGAP002739-PA	N6(Deamidated)	53	8.93E-05	2	1361.700	4.19	Larva	2R:+:26430957-26430992	exon=> In CDS Exon 6 of transcript AGAP002739-PA
JHU_Ag_44153	GVVTNDIVGRPTEIR	AGAP002739-PA	-	86	1.70E-08	1	1625.900	1.71	Pupa	2R:+:26433310-26433354	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_45441	IEYVPESASIPLGGFR	AGAP002739-PA	-	84	4.53E-08	1	1734.913	4	Larva	2R:+:26433997-26434044	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_47667	IEYVPESASIPLGGFR	AGAP002739-PA	-	58	2.01E-05	2	1734.911	2.59	Pupa	2R:+:26433997-26434044	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_48684	ILEPTLSILNLPMPIEAR	AGAP002739-PA	M13(Oxidation)	68	6.62E-07	2	2036.146	0.13	Head	2R:+:26431848-26431901	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_48721	LNSVGWCGAGK	AGAP002739-PA	C7(Carbamidomethyl)	60	1.71E-05	2	1148.551	-0.39	Pupa	2R:+:26431623-26431655	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_49055	MDGSLAFTSAIR	AGAP002739-PA	M1(Oxidation)	107	2.47E-10	2	1284.631	4.34	Larva	2R:+:26431737-26431772	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_50078	ITLTASSGK	AGAP002739-PA	-	49	9.78E-05	2	877.502	3.53	Larva	2R:+:26430067-26430093	exon=> In CDS Exon 3 of transcript AGAP002739-PA
JHU_Ag_54236	LEYSDDLSDVFKDYANPDGTAVEFR	AGAP002739-PA	-	58	1.93E-05	1	2866.306	0.01	Pupa	2R:+:26431773-26431847	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_55998	TEDTAVSLATLSGK	AGAP002739-PA	-	83	7.91E-08	2	1392.728	4.47	Larva	2R:+:26429320-26429361	exon=> In CDS Exon 3 of transcript AGAP002739-PA
JHU_Ag_59107	IQDFVVAPCIK	AGAP002739-PA	C9(Carbamidomethyl)	45	0.000435417	2	1289.698	4.28	Larva	2R:+:26431917-26431949	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_65894	HFASLSSVLSQR	AGAP002739-PA	-	57	3.10E-05	2	1331.711	2.96	Pupa	2R:+:26434423-26434458	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_67593	SDLVQVFDGPSTSGVR	AGAP002739-PA	-	76	4.84E-07	1	1663.834	3.22	Pupa	2R:+:26429977-26430024	exon=> In CDS Exon 3 of transcript AGAP002739-PA
JHU_Ag_71377	GFTCGVGEVLNMDTNDVPR	AGAP002739-PA	C4(Carbamidomethyl), M12(Oxidation)	36	0.002641333	1	2096.943	2.61	Pupa	2R:+:26434729-26434785	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_72052	LEYSDDLSDVFK	AGAP002739-PA	-	56	2.92E-05	2	1430.674	3.76	Larva	2R:+:26431773-26431808	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_72646	LDCLDVNECAK	AGAP002739-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	54	2.65E-05	2	1336.592	3.82	Larva	2R:+:26431974-26432006	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_72789	IPEVQNGYVVDK	AGAP002739-PA	N6(Deamidated)	72	9.86E-07	1	1361.691	-2.62	Pupa	2R:+:26430957-26430992	exon=> In CDS Exon 6 of transcript AGAP002739-PA
JHU_Ag_73184	LNSVGWCGAGK	AGAP002739-PA	C7(Carbamidomethyl)	52	0.000107093	2	1148.555	2.9	Larva	2R:+:26431623-26431655	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_73691	LLSSEIQHHFGDVVR	AGAP002739-PA	-	48	0.000186015	1	1736.910	1.04	Head	2R:+:26432308-26432352	exon=> In CDS Exon 9 of transcript AGAP002739-PA
JHU_Ag_79054	LLSSEIQHHFGDVVR	AGAP002739-PA	-	81	9.20E-08	1	1736.908	0.29	Pupa	2R:+:26432308-26432352	exon=> In CDS Exon 9 of transcript AGAP002739-PA
JHU_Ag_81407	SYGTIISYECIPGYVR	AGAP002739-PA	C10(Carbamidomethyl)	82	1.27E-07	1	1877.918	3.87	Pupa	2R:+:26430751-26430798	exon=> In CDS Exon 5 of transcript AGAP002739-PA
JHU_Ag_81438	VCEIACNPGMK	AGAP002739-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), M10(Oxidation)	48	0.000115105	2	1294.559	0.35	Pupa	2R:+:26438177-26438209	exon=> In CDS Exon 13 of transcript AGAP002739-PA
JHU_Ag_81501	VCEIACNPGMK	AGAP002739-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), M10(Oxidation)	46	0.000187965	1	1294.564	4.03	Larva	2R:+:26438177-26438209	exon=> In CDS Exon 13 of transcript AGAP002739-PA
JHU_Ag_83054	LHAGNGFTDSNAPK	AGAP002739-PA	N5(Deamidated)	49	0.000139755	1	1429.677	4.61	Larva	2R:+:26430025-26430066	exon=> In CDS Exon 3 of transcript AGAP002739-PA

JHU_Ag_85716	VGGFECQCPAGWTGER	AGAP002739-PA	C6(Carbamidomethyl), Q7(Deamidated), C8(Carbamidomethyl),"C6 (Carbamidomethyl), C8(Carbamidomethyl)"	96	1.07E-09	1	1810.767	1.58	Pupa	2R:+:26436382-26436429	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_88222	EYYYGDEAR	AGAP002739-PA	-	39	0.000630974	2	1165.483	2.62	Larva	2R:+:26430999-26431025	exon=> In CDS Exon 6 of transcript AGAP002739-PA
JHU_Ag_89285	GVVTNDIVGRPTEIR	AGAP002739-PA	-	49	8.14E-05	1	1625.902	3.29	Larva	2R:+:26433310-26433354	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_90261	IQDFVVAPCIK	AGAP002739-PA	C9(Carbamidomethyl)	64	4.93E-06	1	1289.696	3.05	Pupa	2R:+:26431917-26431949	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_94153	NLILNWAGYEQTLGGVQR	AGAP002739-PA	-	48	0.000145212	2	2032.077	7.79	Pupa	2R:+:26437724-26437777	exon=> In CDS Exon 13 of transcript AGAP002739-PA
JHU_Ag_94507	VGGFECQCPAGWTGER	AGAP002739-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	96	1.20E-09	1	1810.770	3.4	Larva	2R:+:26436382-26436429	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_96370	TTSYVLENTVVK	AGAP002739-PA	-	62	5.51E-06	2	1353.732	4.1	Larva	2R:+:26433766-26433801	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_97111	SDLVQVFDGPSTSGVR	AGAP002739-PA	-	84	6.32E-08	1	1663.832	2.19	Head	2R:+:26429977-26430024	exon=> In CDS Exon 3 of transcript AGAP002739-PA
JHU_Ag_97301	DYANPDGTAVEFR	AGAP002739-PA	-	80	1.00E-07	1	1454.658	2.18	Larva	2R:+:26431809-26431847	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_99658	LEVKPPHFK	AGAP002739-PA	-	36	0.001127706	1	1094.634	-1.56	Pupa	2R:+:26433739-26433765	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_100146	ILEPTLSILNLPMPIEAR	AGAP002739-PA	M13(Oxidation)	101	1.88E-10	1	2036.160	6.79	Larva	2R:+:26431848-26431901	exon=> In CDS Exon 8 of transcript AGAP002739-PA
JHU_Ag_101642	SIGNECPPLR	AGAP002739-PA	C6(Carbamidomethyl)	48	0.000187134	2	1142.566	2.87	Larva	2R:+:26434675-26434704	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_105536	GWSAEFSADCPELKPGIGAIASSR	AGAP002739-PA	C10(Carbamidomethyl)	65	4.60E-06	1	2506.224	8.23	Larva	2R:+:26430136-26430137,26430209-26430278	exon=> In CDS Exon 3 and 4 of transcript AGAP002739-PA
JHU_Ag_106725	HETGELDGDVYQR	AGAP002739-PA	-	82	8.46E-08	1	1518.689	4.87	Larva	2R:+:26432212-26432250	exon=> In CDS Exon 9 of transcript AGAP002739-PA
JHU_Ag_108615	LAGQTTMNDNVVR	AGAP002739-PA	M7(Oxidation)	72	1.11E-06	1	1434.706	4.07	Larva	2R:+:26432875-26432913	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_110828	ADYQVVATTTYR	AGAP002739-PA	-	78	2.61E-07	2	1387.686	0.34	Pupa	2R:+:26434330-26434365	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_111589	SYGTIISYECIPGYVR	AGAP002739-PA	C10(Carbamidomethyl)	82	1.18E-07	1	1877.919	4.72	Larva	2R:+:26430751-26430798	exon=> In CDS Exon 5 of transcript AGAP002739-PA
JHU_Ag_112886	GSGYQCICPPGYTGK	AGAP002739-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	40	0.000738298	2	1644.719	2.89	Pupa	2R:+:26436727-26436771	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_114618	CQANGVWDFGDLR	AGAP002739-PA	C1(Carbamidomethyl), N4(Deamidated)	56	2.16E-05	2	1538.676	4.06	Pupa	2R:+:26432914-26432952	exon=> In CDS Exon 10 of transcript AGAP002739-PA
JHU_Ag_62264	IIAQALSSYR	AGAP002740-PA	-	67	1.58E-06	2	1121.631	0.02	Male reproductive organs	2R:-:26444425-26444396	exon=> In CDS Exon 2 of transcript AGAP002740-PA
JHU_Ag_23114	LASFQETDPGWPR	AGAP002740-PA,AGAP002740-PB	-	54	6.93E-05	2	1503.725	1.27	Male reproductive organs	2R:-:26444101-26444425,26443787-26443885;2R:-:26444101-26444386,26443787-26443885	exon=> In CDS Exon 3 and 2 of transcript AGAP002740-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP002740-PB
JHU_Ag_10528	LGQQGALK	AGAP002741-PA	Q3(Deamidated), Q4(Deamidated)	41	0.001821603	1	816.448	1.75	Ovary	2R:-:26453862-26453839	exon=> In CDS Exon 2 of transcript AGAP002741-PA
JHU_Ag_20450	GAILESFKR	AGAP002742-PA	-	36	0.002361997	1	1020.583	-0.58	Male reproductive organs	2R:+:26566078-26566104	exon=> In CDS Exon 1 of transcript AGAP002742-PA

JHU_Ag_71209	RIDNLNQLLGPLPTDESQAENLTDAILSASSFLPSASTGHLADGAAR	AGAP002742-PA	-	211	3.82E-21	1	4847.449	0.93	Ovary	2R:+:26565937-26566077	exon=> In CDS Exon 1 of transcript AGAP002742-PA
JHU_Ag_79632	SLEPTLGAEYFR	AGAP002742-PA	-	37	0.002614285	2	1382.698	1.86	Ovary	2R:+:26566237-26566272	exon=> In CDS Exon 1 of transcript AGAP002742-PA
JHU_Ag_85950	SLEPTLGAEYFR	AGAP002742-PA	-	52	8.42E-05	2	1382.698	2.12	Male reproductive organs	2R:+:26566237-26566272	exon=> In CDS Exon 1 of transcript AGAP002742-PA
JHU_Ag_112872	YSEIQSGIKDSLK	AGAP002742-PA	-	60	1.04E-05	1	1467.776	4.47	Malpighian tubule	2R:+:26566381-26566419	exon=> In CDS Exon 1 of transcript AGAP002742-PA
JHU_Ag_17515	KEDQQFLK	AGAP002743-PA	-	47	0.000301198	2	1035.545	-2.18	Head	2R:-:26567605-26567582	exon=> In CDS Exon 2 of transcript AGAP002743-PA
JHU_Ag_22071	HATSHQSFK	AGAP002743-PA	-	44	0.000333748	2	1042.510	3.42	Head	2R:-:26567668-26567642	exon=> In CDS Exon 2 of transcript AGAP002743-PA
JHU_Ag_47942	FHHFHAVPVYVK	AGAP002743-PA	-	80	8.72E-08	1	1480.789	2.46	Head	2R:-:26567641-26567606	exon=> In CDS Exon 2 of transcript AGAP002743-PA
JHU_Ag_104564	HPVEISGLK	AGAP002743-PA	-	58	1.34E-05	1	979.555	-1.71	Head	2R:-:26567581-26567555	exon=> In CDS Exon 2 of transcript AGAP002743-PA
JHU_Ag_8002	SDDTSSLDTLSTK	AGAP002748-PA	-	61	9.79E-06	2	1369.628	-3.82	Salivary gland	2R:+:26655089-26655127	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_13190	LTFCDHCGSLLYGIIR	AGAP002748-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	52	0.000106786	1	1924.941	0.01	Head	2R:+:26654768-26654815	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_46849	LKVCEAIGLRPTDFQTR	AGAP002748-PA	C4(Carbamidomethyl)	95	2.19E-09	1	2004.080	5.27	Malpighian tubule	2R:+:26644389-26644439	exon=> In CDS Exon 1 of transcript AGAP002748-PA
JHU_Ag_53130	FSVHSFK	AGAP002748-PA	-	50	0.000113161	2	851.441	0.41	Salivary gland	2R:+:26654744-26654764	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_54870	LGDQLIDPYVSIDVDEK	AGAP002748-PA	-	36	0.004006803	1	1918.970	2.68	Visceras	2R:+:26644461-26644511	exon=> In CDS Exon 1 of transcript AGAP002748-PA
JHU_Ag_60360	DVILQDDDVDCTMTEK	AGAP002748-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), M13(Oxidation)"	102	3.96E-10	2	1912.818	1.57	Head	2R:+:26655407-26655454	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_60550	DLKLDNILLDAEGHCK	AGAP002748-PA	C15(Carbamidomethyl)	47	0.00028328	1	1853.944	0.49	Salivary gland	2R:+:26655677-26655724	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_61800	VFLNDFNFIK	AGAP002748-PA	-	58	1.88E-05	1	1256.667	-0.03	Salivary gland	2R:+:26655290-26655319	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_65098	LGDQLIDPYVSIDVDEK	AGAP002748-PA	-	80	1.82E-07	2	1918.967	1.35	Head	2R:+:26644461-26644511	exon=> In CDS Exon 1 of transcript AGAP002748-PA
JHU_Ag_65599	LADFGMCK	AGAP002748-PA	M6(Oxidation), C7(Carbamidomethyl)	43	0.000169123	1	957.420	2.95	Head	2R:+:26655725-26655748	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_72995	DDVLYPVWLSR	AGAP002748-PA	-	72	1.05E-06	2	1362.708	1.68	Head	2R:+:26656037-26656069	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_80806	AVVKDQPFLNR	AGAP002748-PA	-	47	0.000213985	2	1286.722	0.09	Malpighian tubule	2R:+:26650887-26650919	exon=> In CDS Exon 3 of transcript AGAP002748-PA
JHU_Ag_81248	NESEQQDFWVDLEPQGR	AGAP002748-PA	-	56	2.62E-05	2	2076.937	5.41	Head	2R:+:26650673-26650699,26650791-26650814	exon=> In CDS Exon 2 and 3 of transcript AGAP002748-PA
JHU_Ag_82536	LDNILLDAEGHCK	AGAP002748-PA	C12(Carbamidomethyl)	56	3.29E-05	1	1497.755	12.11	Head	2R:+:26655686-26655724	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_84251	DLKLDNILLDAEGHCK	AGAP002748-PA	C15(Carbamidomethyl)	39	0.001486245	1	1853.946	1.78	Visceras	2R:+:26655677-26655724	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_91126	LGCTDGENQIR	AGAP002748-PA	C3(Carbamidomethyl)	50	0.000117573	1	1262.582	2.38	Malpighian tubule	2R:+:26656920-26656952	exon=> In CDS Exon 8 of transcript AGAP002748-PA
JHU_Ag_99248	EFIWGLGK	AGAP002748-PA	-	46	0.000347317	2	949.515	0.36	Salivary gland	2R:+:26652791-26652801,26653488-26653500	exon=> In CDS Exon 4 and 5 of transcript AGAP002748-PA
JHU_Ag_104871	SDDTSSLDTLSTK	AGAP002748-PA	-	68	1.97E-06	2	1369.632	-0.34	Head	2R:+:26655089-26655127	exon=> In CDS Exon 7 of transcript AGAP002748-PA

JHU_Ag_111932	DALNFDTEFTK	AGAP002748-PA	-	37	0.002154034	2	1300.607	1.23	Head	2R:+:26657133-26657165	exon=> In CDS Exon 9 of transcript AGAP002748-PA
JHU_Ag_114009	HPFLTALHSCFQTPDR	AGAP002748-PA	C10(Carbamidomethyl)	37	0.00275541	1	1926.932	1.97	Head	2R:+:26655479-26655526	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_117504	VFLNDFNFIK	AGAP002748-PA	-	68	1.68E-06	1	1256.669	0.85	Head	2R:+:26655290-26655319	exon=> In CDS Exon 7 of transcript AGAP002748-PA
JHU_Ag_14	FAISDFSR	AGAP002752-PA	-	55	2.56E-05	1	942.468	-0.13	Salivary gland	2R:+:26671022-26671045	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_19732	VLELKPDFTAAR	AGAP002752-PA	-	57	1.74E-05	2	1359.763	0.15	Midgut	2R:+:26671046-26671081	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_28034	EALEINDNLQR	AGAP002752-PA	-	70	1.21E-06	1	1314.663	-1.33	Salivary gland	2R:+:26671838-26671870	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_30840	ILYDIGDSGAALK	AGAP002752-PA	-	77	1.98E-07	2	1335.721	4.28	Salivary gland	2R:+:26671439-26671477	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_31594	VLELKPDFTAAR	AGAP002752-PA	-	52	5.40E-05	2	1359.761	-1.29	Male reproductive organs	2R:+:26671046-26671081	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_32842	QFDAGQDPLDPEAGR	AGAP002752-PA	-	73	5.80E-07	1	1615.739	2.5	Salivary gland	2R:+:26672111-26672155	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_33074	ILYDIGDSGAALK	AGAP002752-PA	-	78	1.56E-07	2	1335.715	-0.75	Male reproductive organs	2R:+:26671439-26671477	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_42642	VLELKPDFTAAR	AGAP002752-PA	-	36	0.002268798	1	1359.765	1.01	Malpighian tubule	2R:+:26671046-26671081	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_43609	GTVYFALGK	AGAP002752-PA	-	37	0.001383518	2	955.525	-0.21	Salivary gland	2R:+:26670989-26671015	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_51847	ILYDIGDSGAALK	AGAP002752-PA	-	77	2.09E-07	2	1335.715	-0.11	Midgut	2R:+:26671439-26671477	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_54228	VYVDAQTAR	AGAP002752-PA	-	64	4.45E-06	2	1022.532	5.16	Salivary gland	2R:+:26671559-26671585	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_60315	GQLSDALTHYHAAVEGDPSNYLTYFK	AGAP002752-PA	-	58	2.38E-05	1	2897.373	-0.24	Salivary gland	2R:+:26670513-26670555,26670951-26670985	exon=> In CDS Exon 2 and 3 of transcript AGAP002752-PA
JHU_Ag_69697	VLELKPDFTAAR	AGAP002752-PA	-	50	7.38E-05	1	1359.764	0.87	Salivary gland	2R:+:26671046-26671081	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_72444	KFIDVAAAK	AGAP002752-PA	-	38	0.000553607	2	962.571	4	Salivary gland	2R:+:26672054-26672080	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_72893	AKDGIEHAQR	AGAP002752-PA	-	70	1.11E-06	2	1124.579	-1.97	Male reproductive organs	2R:+:26671871-26671900	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_76007	MAAVSDFR	AGAP002752-PA	-	45	0.000283554	2	896.430	0.78	Salivary gland	2R:+:26671361-26671384	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_79832	FDPHNAEANMHFSR	AGAP002752-PA	M10(Oxidation)	32	0.003607042	1	1688.723	-0.11	Male reproductive organs	2R:+:26671157-26671198	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_89664	FDPHNAEANMHFSR	AGAP002752-PA	M10(Oxidation)	36	0.001429392	1	1688.724	0.54	Salivary gland	2R:+:26671157-26671198	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_96939	FAISDFSR	AGAP002752-PA	-	40	0.000958625	2	942.469	1.3	Male reproductive organs	2R:+:26671022-26671045	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_98436	EALEINDNLQR	AGAP002752-PA	-	59	1.76E-05	2	1314.664	-0.4	Midgut	2R:+:26671838-26671870	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_116356	AKDGIEHAQR	AGAP002752-PA	-	73	5.29E-07	1	1124.580	-0.56	Salivary gland	2R:+:26671871-26671900	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_117723	MGDFDNAELDLINVLR	AGAP002752-PA	-	83	8.11E-08	1	1834.908	4.17	Salivary gland	2R:+:26671109-26671156	exon=> In CDS Exon 3 of transcript AGAP002752-PA
JHU_Ag_69151	LIELVK	AGAP002753-PA	-	35	0.0004994	1	714.476	-0.55	Midgut	2R:-:26674145-26674128	exon=> In CDS Exon 1 of transcript AGAP002753-PA
JHU_Ag_23	AVFTGYKR	AGAP002754-PA	-	42	0.000385367	1	941.523	2.73	Malpighian tubule	2R:+:26675323-26675346	exon=> In CDS Exon 1 of transcript AGAP002754-PA

JHU_Ag_216	QTPEAIR	AGAP002754-PA	-	37	0.001388324	2	814.444	2.52	Malpighian tubule	2R:+:26675215-26675235	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_2506	CVYVYR	AGAP002754-PA	C1(Carbamidomethyl)	33	0.003120182	1	859.412	-1.01	Midgut	2R:+:26675437-26675454	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_6454	TPKPNLPRPK	AGAP002754-PA	-	43	9.68E-05	1	1147.693	-1.16	Male reproductive organs	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_9244	ADTATAAAATK	AGAP002754-PA	N-Term(Acetyl)	94	7.05E-09	1	1033.518	2.08	Ovary	2R:+:26675077-26675109	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_10684	KNVLFYIGK	AGAP002754-PA	-	65	9.08E-07	2	1081.640	-0.27	Male reproductive organs	2R:+:26675407-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_12778	AVFTGYK	AGAP002754-PA	-	35	0.002052383	1	785.419	0.15	Ovary	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_20966	FRTNLPGHAMGHR	AGAP002754-PA	M10(Oxidation)	68	2.58E-06	1	1493.756	1.41	Malpighian tubule	2R:+:26675563-26675601	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_25093	NVLFYIGK	AGAP002754-PA	-	38	0.000895107	1	953.547	1.88	Larva	2R:+:26675410-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_28463	TNLPGHAMGHR	AGAP002754-PA	M8(Oxidation)	61	1.15E-05	1	1206.580	0.45	Head	2R:+:26675569-26675601	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_28714	AVFTGYK	AGAP002754-PA	-	38	0.001250804	1	785.420	0.94	Male reproductive organs	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_30552	NVLFYIGK	AGAP002754-PA	-	49	9.00E-05	1	953.544	-1.32	Midgut	2R:+:26675410-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_33517	AVFTGYK	AGAP002754-PA	-	43	0.000355011	1	785.419	-0.77	Midgut	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_37302	SRQTPEAIR	AGAP002754-PA	-	41	0.001103935	1	1057.575	0.46	Malpighian tubule	2R:+:26675209-26675235	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_38208	IMLYPSRI	AGAP002754-PA	M2(Oxidation)	49	0.000101945	1	1008.554	-0.33	Male reproductive organs	2R:+:26675608-26675610,26675717-26675737	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA
JHU_Ag_40201	AVFTGYK	AGAP002754-PA	-	43	0.000357485	1	785.420	0.38	Malpighian tubule	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_40517	QTPEAIR	AGAP002754-PA	-	44	0.000323965	2	814.441	-0.63	Visceras	2R:+:26675215-26675235	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_40840	KNVLFYIGK	AGAP002754-PA	-	62	2.19E-06	2	1081.639	-1.52	Ovary	2R:+:26675407-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_42345	NVLFYIGKR	AGAP002754-PA	-	58	8.54E-06	1	1109.645	-1.41	Male reproductive organs	2R:+:26675410-26675436	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_43041	AVFTGYKR	AGAP002754-PA	-	42	0.00039372	1	941.520	-0.12	Midgut	2R:+:26675323-26675346	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_43624	AVFTGYK	AGAP002754-PA	-	38	0.001113165	1	785.422	3.82	Head	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_44674	ADTATAAAATK	AGAP002754-PA	N-Term(Acetyl)	78	2.57E-07	2	1033.516	-0.52	Visceras	2R:+:26675077-26675109	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_46920	IMLYPSR	AGAP002754-PA	M2(Oxidation)	39	0.000875107	2	895.470	-1.17	Ovary	2R:+:26675608-26675610,26675717-26675734	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA
JHU_Ag_47769	NVLFYIGKR	AGAP002754-PA	-	46	8.96E-05	2	1109.650	2.77	Malpighian tubule	2R:+:26675410-26675436	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_47872	AVFTGYKR	AGAP002754-PA	-	42	0.000346089	1	941.520	0.08	Pupa	2R:+:26675323-26675346	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_50253	HALLK	AGAP002754-PA	-	25	0.00543856	1	581.379	3	Ovary	2R:+:26675371-26675385	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_51025	ADTATAAAATKKPAK	AGAP002754-PA	N-Term(Acetyl)	106	2.72E-10	1	1457.797	0.61	Malpighian tubule	2R:+:26675077-26675121	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_51327	NVLFYIGK	AGAP002754-PA	-	51	4.12E-05	1	953.546	0.53	Male reproductive organs	2R:+:26675410-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA

JHU_Ag_52509	SHGNSGSVR	AGAP002754-PA	-	41	0.000539705	1	900.429	1.19	Malpighian tubule	2R:+:26675530-26675556	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_53014	TPKPNLPRPK	AGAP002754-PA	-	32	0.001094052	1	1147.698	3.07	Salivary gland	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_54146	AVFTGYKR	AGAP002754-PA	-	42	0.000581372	1	941.519	-1.41	Ovary	2R:+:26675323-26675346	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_54762	AVFTGYKR	AGAP002754-PA	-	42	0.000357993	1	941.523	2.86	Larva	2R:+:26675323-26675346	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_62969	ADTATAAAATK	AGAP002754-PA	N-Term(Acetyl)	66	4.86E-06	1	1033.516	-0.33	Head	2R:+:26675077-26675109	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_64440	TPKPNLPRPK	AGAP002754-PA	-	29	0.002649838	1	1147.693	-1.72	Ovary	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_64637	TPKPNLPRPK	AGAP002754-PA	-	33	0.000883157	1	1147.699	3.63	Malpighian tubule	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_66630	AVFTGYK	AGAP002754-PA	-	40	0.000663005	1	785.422	3.43	Visceras	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_67288	TPKPNLPRPK	AGAP002754-PA	-	44	8.11E-05	1	1147.692	-2.26	Visceras	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_69540	KNVLFYIGK	AGAP002754-PA	-	54	9.98E-06	1	1081.644	3	Larva	2R:+:26675407-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_71175	TPKPNLPRPK	AGAP002754-PA	-	46	4.58E-05	1	1147.694	-0.28	Midgut	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_71578	IMLYPSRI	AGAP002754-PA	M2(Oxidation)	44	0.000297724	1	1008.555	0.03	Salivary gland	2R:+:26675608-26675610,26675717-26675737	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA
JHU_Ag_72473	IMLYPSR	AGAP002754-PA	-	43	0.000460196	1	879.478	3.09	Malpighian tubule	2R:+:26675608-26675610,26675717-26675734	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA
JHU_Ag_72787	TPKPNLPRPK	AGAP002754-PA	-	32	0.001153554	1	1147.696	0.92	Larva	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_74387	ADTATAAAATK	AGAP002754-PA	N-Term(Acetyl)	74	7.92E-07	1	1033.519	2.74	Male reproductive organs	2R:+:26675077-26675109	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_79078	TPKPNLPRPK	AGAP002754-PA	-	47	3.78E-05	1	1147.698	2.74	Head	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_89047	QTPEAIR	AGAP002754-PA	-	39	0.000871611	2	814.436	-6.62	Male reproductive organs	2R:+:26675215-26675235	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_91953	ADTATAAAATK	AGAP002754-PA	N-Term(Acetyl)	78	2.95E-07	1	1033.517	0.54	Salivary gland	2R:+:26675077-26675109	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_92911	KNVLFYIGK	AGAP002754-PA	-	40	0.00025821	2	1081.642	1.19	Pupa	2R:+:26675407-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_94713	NVLFYIGKR	AGAP002754-PA	-	52	3.54E-05	1	1109.648	1.01	Ovary	2R:+:26675410-26675436	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_94762	ADTATAAAATK	AGAP002754-PA	N-Term(Acetyl)	79	2.50E-07	2	1033.518	1.49	Malpighian tubule	2R:+:26675077-26675109	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_95306	IMLYPSRI	AGAP002754-PA	M2(Oxidation)	40	0.000766244	1	1008.554	-0.33	Visceras	2R:+:26675608-26675610,26675717-26675737	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA
JHU_Ag_96267	NVLFYIGK	AGAP002754-PA	-	40	0.00062272	1	953.551	5.97	Head	2R:+:26675410-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_97142	IMLYPSRI	AGAP002754-PA	M2(Oxidation)	40	0.000777703	1	1008.555	0.69	Ovary	2R:+:26675608-26675610,26675717-26675737	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA
JHU_Ag_97716	IMLYPSR	AGAP002754-PA	-	37	0.001641506	1	879.477	1.29	Visceras	2R:+:26675608-26675610,26675717-26675734	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA

JHU_Ag_98056	AVFTGYK	AGAP002754-PA	-	34	0.002872489	1	785.420	0.4	Pupa	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_101395	NVLFYIGK	AGAP002754-PA	-	49	7.58E-05	1	953.547	1.43	Pupa	2R:+:26675410-26675433	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_101596	AVFTGYKR	AGAP002754-PA	-	42	0.000369227	1	941.520	-0.51	Male reproductive organs	2R:+:26675323-26675346	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_105268	TPKPNLPRPK	AGAP002754-PA	-	40	0.000183247	1	1147.697	1.79	Pupa	2R:+:26675266-26675295	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_105706	SHGNSGSVR	AGAP002754-PA	-	36	0.001512773	1	900.428	-0.1	Ovary	2R:+:26675530-26675556	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_107397	HALLK	AGAP002754-PA	-	31	0.00142064	1	581.377	-0.57	Head	2R:+:26675371-26675385	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_107604	AVFTGYK	AGAP002754-PA	-	39	0.000740559	1	785.422	4.05	Larva	2R:+:26675323-26675343	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_110564	IMLYPSR	AGAP002754-PA	-	33	0.004579552	1	879.476	-0.17	Pupa	2R:+:26675608-26675610,26675717-26675734	exon=> In CDS Exon 1 and 2 of transcript AGAP002754-PA
JHU_Ag_112671	TNLPGHAMGHR	AGAP002754-PA	M8(Oxidation)	58	2.29E-05	1	1206.580	-0.16	Ovary	2R:+:26675569-26675601	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_115422	TNLPGHAMGHR	AGAP002754-PA	M8(Oxidation)	43	0.000769726	2	1206.579	-0.66	Midgut	2R:+:26675569-26675601	exon=> In CDS Exon 1 of transcript AGAP002754-PA
JHU_Ag_24573	EGAILLR	AGAP002755-PA	-	33	0.004266562	1	771.474	1.57	Larva	2R:-:26719207-26719187	exon=> In CDS Exon 2 of transcript AGAP002755-PA
JHU_Ag_22508	TEEVLQLLK	AGAP002756-PA	-	37	0.001595755	1	1072.627	2.37	Midgut	2R:-:26730098-26730072	exon=> In CDS Exon 3 of transcript AGAP002756-PA
JHU_Ag_109121	IVNKEPPPTTIDVDR	AGAP002756-PA	-	43	0.00037765	1	1693.909	-2	Midgut	2R:-:26729585-26729541	exon=> In CDS Exon 3 of transcript AGAP002756-PA
JHU_Ag_1567	LAGEIFTNSILSPFFR	AGAP002758-PA	-	66	1.81E-06	1	1811.980	5.88	Ovary	2R:+:26775482-26775529	exon=> In CDS Exon 3 of transcript AGAP002758-PA
JHU_Ag_33721	IAAIPTVTISEEQVER	AGAP002758-PA	-	38	0.001244963	2	1755.959	5.62	Ovary	2R:+:26776010-26776057	exon=> In CDS Exon 3 of transcript AGAP002758-PA
JHU_Ag_72089	VSSEFTCPHCLEGFIEELPAAER	AGAP002758-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	65	4.14E-06	1	2678.231	2.96	Ovary	2R:+:26775142-26775150,26775229-26775288	exon=> In CDS Exon 1 and 2 of transcript AGAP002758-PA
JHU_Ag_1494	AVAQALEIIPR	AGAP002759-PA	-	82	1.44E-08	2	1180.706	0.91	Pupa	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_2210	NLQDALHVAR	AGAP002759-PA	-	51	7.97E-05	1	1136.617	-0.02	Salivary gland	2R:-:26780061-26780032	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_4361	GVSDLAQHFLMK	AGAP002759-PA	M11(Oxidation)	81	1.28E-07	1	1361.690	1.62	Head	2R:-:26780346-26780311	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_4496	KGESQTNVEIVGDQDFTK	AGAP002759-PA	-	84	6.97E-08	2	1994.972	2.62	Male reproductive organs	2R:-:26780484-26780431	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_4760	LCEDIIAVKPDVVFTEK	AGAP002759-PA	C2(Carbamidomethyl)	112	6.26E-11	1	1976.043	1.21	Ovary	2R:-:26780397-26780347	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_5286	GVSDLAQHFLMK	AGAP002759-PA	M11(Oxidation)	87	3.10E-08	1	1361.690	1.27	Male reproductive organs	2R:-:26780346-26780311	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_9047	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	37	0.001942836	2	1362.738	3.41	Larva	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_9187	LLQIEEEHVAR	AGAP002759-PA	-	52	5.88E-05	2	1336.724	1.8	Head	2R:-:26780430-26780398	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_9284	ACGATIVNR	AGAP002759-PA	C2(Carbamidomethyl)	44	0.000741174	2	961.491	2.82	Salivary gland	2R:-:26780253-26780227	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_10522	IPGGSIDDSCVLR	AGAP002759-PA	C10(Carbamidomethyl)	70	1.63E-06	1	1388.684	0.15	Ovary	2R:-:26780619-26780581	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_11962	NIWEPLSVK	AGAP002759-PA	-	49	0.000123164	1	1085.601	1.89	Ovary	2R:-:26779755-26779729	exon=> In CDS Exon 3 of transcript AGAP002759-PA

JHU_Ag_12700	AVAQALEIIPR	AGAP002759-PA	-	54	6.90E-06	2	1180.713	7.12	Larva	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_13619	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	56	2.88E-05	2	1362.736	1.62	Pupa	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_13755	DVGTGAGLFEIK	AGAP002759-PA	-	61	1.29E-05	2	1206.639	1.8	Salivary gland	2R:-:26780205-26780170	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_18895	AGITAIRR	AGAP002759-PA	-	37	0.001725027	1	857.532	0.35	Ovary	2R:-:26780310-26780287	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_18968	GESQTNVEIVGDQDFTK	AGAP002759-PA	-	116	3.50E-11	1	1866.878	3.45	Ovary	2R:-:26780481-26780431	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_19363	NLQDALHVAR	AGAP002759-PA	N1(Deamidated), Q3(Deamidated)	66	2.51E-06	1	1136.618	0.41	Pupa	2R:-:26780061-26780032	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_19821	TAVETAILLLR	AGAP002759-PA	-	85	3.73E-09	2	1199.744	7.04	Larva	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_22657	DVGTGAGLFEIKK	AGAP002759-PA	-	52	4.99E-05	2	1334.733	1.26	Ovary	2R:-:26780205-26780167	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_23986	VEKIPGGSIDDSCVLR	AGAP002759-PA	C13(Carbamidomethyl)	72	8.49E-07	1	1744.892	1.41	Ovary	2R:-:26780628-26780581	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_24696	EITVQHPAAK	AGAP002759-PA	-	38	0.001721167	1	1093.604	3.63	Male reproductive organs	2R:-:26781027-26780998	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_26766	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	74	3.48E-07	2	1871.993	1.98	Male reproductive organs	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_27366	IDDIVSGSK	AGAP002759-PA	-	52	0.00011886	2	933.490	0.8	Ovary	2R:-:26779680-26779654	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_28930	LLQIEEEHVAR	AGAP002759-PA	-	63	4.96E-06	2	1336.720	-1.48	Pupa	2R:-:26780430-26780398	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_30507	TAVETAILLLR	AGAP002759-PA	-	94	7.30E-10	1	1199.740	3.58	Ovary	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_31897	DVLNETER	AGAP002759-PA	-	37	0.002662771	2	975.478	3.46	Ovary	2R:-:26780085-26780062	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_32027	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	69	1.26E-06	2	1362.736	1.26	Malpighian tubule	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_32241	ILQDEVSIELDR	AGAP002759-PA	-	85	3.61E-08	2	1429.758	3.4	Ovary	2R:-:26780826-26780791	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_32327	TAVETAILLLR	AGAP002759-PA	-	90	2.49E-09	1	1199.736	0.12	Midgut	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_35683	IDDIVSGSK	AGAP002759-PA	-	41	0.001541823	1	933.489	0.15	Salivary gland	2R:-:26779680-26779654	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_36664	LCEDIIAVKPDVVFTEK	AGAP002759-PA	C2(Carbamidomethyl)	75	2.95E-07	1	1976.045	2.16	Head	2R:-:26780397-26780347	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_37631	AVAQALEIIPR	AGAP002759-PA	-	79	3.06E-08	1	1180.708	2.98	Ovary	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_37724	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	84	3.10E-08	1	1872.001	5.82	Larva	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_40940	EITVQHPAAK	AGAP002759-PA	-	62	7.01E-06	2	1093.600	0.06	Pupa	2R:-:26781027-26780998	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_41075	DVLNETERNLQDALHVAR	AGAP002759-PA	-	113	5.06E-11	1	2093.082	4	Malpighian tubule	2R:-:26780085-26780032	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_42062	TAVETAILLLR	AGAP002759-PA	-	86	5.79E-09	2	1199.739	2.46	Pupa	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_44341	WSDLAVR	AGAP002759-PA	-	47	0.000414296	2	846.448	0.95	Ovary	2R:-:26780727-26780707	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_46238	DVLNETERNLQDALHVAR	AGAP002759-PA	-	126	2.08E-12	1	2093.088	7.15	Ovary	2R:-:26780085-26780032	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_46614	AGITAIRR	AGAP002759-PA	-	31	0.006379636	1	857.531	-0.15	Pupa	2R:-:26780310-26780287	exon=> In CDS Exon 3 of transcript AGAP002759-PA

JHU_Ag_46931	ILQDEVSIELDR	AGAP002759-PA	-	64	5.44E-06	2	1429.756	1.6	Malpighian tubule	2R:-:26780826-26780791	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_47621	TAVETAILLLR	AGAP002759-PA	-	88	4.01E-09	1	1199.739	2.67	Malpighian tubule	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_48252	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	80	8.40E-08	2	1872.000	5.3	Salivary gland	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_48833	LCEDIIAVKPDVVFTEK	AGAP002759-PA	C2(Carbamidomethyl)	83	5.77E-08	1	1976.038	-1.64	Male reproductive organs	2R:-:26780397-26780347	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_49861	GASKDVLNETER	AGAP002759-PA	-	100	1.66E-09	1	1318.662	1.69	Ovary	2R:-:26780097-26780062	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_52309	TAVETAILLLR	AGAP002759-PA	-	90	2.44E-09	1	1199.736	0.23	Salivary gland	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_52612	KVQLENINAGK	AGAP002759-PA	-	67	1.68E-06	1	1213.690	-0.09	Pupa	2R:-:26781311-26781279	exon=> In CDS Exon 2 of transcript AGAP002759-PA
JHU_Ag_53711	IALDAVETVSLTENGR	AGAP002759-PA	-	67	2.30E-06	2	1687.893	3.81	Ovary	2R:-:26780706-26780659	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_54333	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	60	9.33E-06	2	1362.735	0.63	Head	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_55738	AVAQALEIIPR	AGAP002759-PA	-	65	6.40E-07	2	1180.706	0.81	Malpighian tubule	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_55775	AVAQALEIIPR	AGAP002759-PA	-	83	1.14E-08	1	1180.705	0.09	Male reproductive organs	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_55801	LLQIEEEHVAR	AGAP002759-PA	-	69	1.28E-06	2	1336.721	-0.75	Midgut	2R:-:26780430-26780398	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_56269	TLAQNCGANTIR	AGAP002759-PA	C6(Carbamidomethyl)	105	4.93E-10	1	1318.654	0.91	Ovary	2R:-:26779899-26779864	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_57258	TLAQNCGANTIR	AGAP002759-PA	C6(Carbamidomethyl)	73	7.78E-07	2	1318.656	2.02	Head	2R:-:26779899-26779864	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_57317	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	65	3.26E-06	2	1362.740	4.22	Ovary	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_58095	AVAQALEIIPR	AGAP002759-PA	-	82	1.27E-08	2	1180.709	3.81	Head	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_59316	EITVQHPAAK	AGAP002759-PA	-	58	1.82E-05	1	1093.601	0.73	Head	2R:-:26781027-26780998	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_59605	IVLLDCPLEYKK	AGAP002759-PA	C6(Carbamidomethyl)	67	1.08E-06	1	1490.832	2.3	Ovary	2R:-:26780517-26780482	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_60509	AVAQALEIIPR	AGAP002759-PA	-	68	3.80E-07	2	1180.708	2.98	Salivary gland	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_60983	NLQDALHVAR	AGAP002759-PA	Q3(Deamidated)	63	6.59E-06	2	1136.615	-2.16	Head	2R:-:26780061-26780032	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_63913	LLQIEEEHVAR	AGAP002759-PA	-	58	1.57E-05	2	1336.722	0.25	Salivary gland	2R:-:26780430-26780398	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_64396	RGDDGSGPSPAAAAAGMGE	AGAP002759-PA	M17(Oxidation)	95	1.36E-09	2	1689.717	2.1	Ovary	2R:-:26779650-26779594	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_64421	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	49	9.46E-05	2	1856.006	5.9	Pupa	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_65567	KVQLENINAGK	AGAP002759-PA	-	38	0.001339513	2	1213.691	0.82	Male reproductive organs	2R:-:26781311-26781279	exon=> In CDS Exon 2 of transcript AGAP002759-PA
JHU_Ag_65678	KGESQTNVEIVGDQDFTK	AGAP002759-PA	-	42	0.001168286	1	1994.959	-4.05	Salivary gland	2R:-:26780484-26780431	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_67648	LLQIEEEHVAR	AGAP002759-PA	-	53	4.61E-05	2	1336.725	2.53	Malpighian tubule	2R:-:26780430-26780398	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_68061	TAVETAILLLR	AGAP002759-PA	-	85	7.53E-09	1	1199.735	-0.59	Male reproductive organs	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_68777	TLAQNCGANTIR	AGAP002759-PA	C6(Carbamidomethyl)	85	5.69E-08	1	1318.653	-0.29	Pupa	2R:-:26779899-26779864	exon=> In CDS Exon 3 of transcript AGAP002759-PA

JHU_Ag_70166	DVGTGAGLFEIK	AGAP002759-PA	-	60	1.44E-05	2	1206.638	1.39	Pupa	2R:-:26780205-26780170	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_70224	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	117	1.58E-11	1	1871.993	1.91	Ovary	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_71141	GVSDLAQHFLMK	AGAP002759-PA	M11(Oxidation)	52	0.000110777	1	1361.692	2.43	Ovary	2R:-:26780346-26780311	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_71931	ILQDEVSIELDR	AGAP002759-PA	-	92	7.53E-09	1	1429.763	6.38	Head	2R:-:26780826-26780791	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_72302	RGDDGSGPSPAAAAAGMGE	AGAP002759-PA	-	83	2.53E-08	1	1673.718	-0.12	Head	2R:-:26779650-26779594	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_73690	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	62	5.75E-06	1	1362.738	3.05	Salivary gland	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_74909	MYAPQQPILILSK	AGAP002759-PA	N-Term(Acetyl)	48	0.000129011	2	1543.860	2.73	Malpighian tubule	2R:-:26781437-26781437,26781279-26781336	exon=> In CDS Exon 2 and 1 of transcript AGAP002759-PA
JHU_Ag_75676	DVGTGAGLFEIKK	AGAP002759-PA	-	45	0.000275975	2	1334.733	0.8	Male reproductive organs	2R:-:26780205-26780167	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_76694	LLQIEEEHVAR	AGAP002759-PA	-	59	1.43E-05	2	1336.721	-0.48	Male reproductive organs	2R:-:26780430-26780398	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_77720	IDDIVSGSK	AGAP002759-PA	-	60	2.18E-05	2	933.489	-0.24	Pupa	2R:-:26779680-26779654	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_77725	KGESQTNVEIVGDQDFTK	AGAP002759-PA	-	143	9.13E-14	1	1994.966	-0.44	Ovary	2R:-:26780484-26780431	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_82942	IPGGSIDDSCVLR	AGAP002759-PA	C10(Carbamidomethyl)	43	0.000784398	2	1388.680	-2.48	Male reproductive organs	2R:-:26780619-26780581	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_83678	MYAPQQPILILSK	AGAP002759-PA	N-Term(Acetyl), M1(Oxidation)	60	8.95E-06	1	1559.853	1.89	Malpighian tubule	2R:-:26781437-26781437,26781279-26781336	exon=> In CDS Exon 2 and 1 of transcript AGAP002759-PA
JHU_Ag_85501	VQLENINAGK	AGAP002759-PA	-	40	0.000960111	1	1085.599	3.39	Ovary	2R:-:26781308-26781279	exon=> In CDS Exon 2 of transcript AGAP002759-PA
JHU_Ag_87608	MGDEYFCFVTECEDPKACTILLR	AGAP002759-PA	M1(Oxidation), C7(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)	98	1.22E-09	1	2870.258	2.74	Ovary	2R:-:26780166-26780098	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_88254	LCEDIIAVKPDVVFTEK	AGAP002759-PA	C2(Carbamidomethyl)	91	6.32E-09	1	1976.056	7.76	Salivary gland	2R:-:26780397-26780347	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_89418	DVGTGAGLFEIK	AGAP002759-PA	-	87	3.03E-08	2	1206.637	0.58	Head	2R:-:26780205-26780170	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_89764	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	74	3.67E-07	2	1871.990	0.02	Midgut	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_91451	LCEDIIAVKPDVVFTEK	AGAP002759-PA	C2(Carbamidomethyl)	73	4.83E-07	1	1976.040	-0.71	Malpighian tubule	2R:-:26780397-26780347	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_93077	DVGTGAGLFEIK	AGAP002759-PA	-	83	7.56E-08	1	1206.636	-0.43	Ovary	2R:-:26780205-26780170	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_94388	GASKDVLNETER	AGAP002759-PA	-	71	1.29E-06	2	1318.660	-0.07	Pupa	2R:-:26780097-26780062	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_94635	AVAQALEIIPR	AGAP002759-PA	-	73	1.08E-07	2	1180.705	-0.33	Midgut	2R:-:26779932-26779900	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_96443	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	114	3.63E-11	1	1856.003	4.38	Malpighian tubule	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_96885	KVQLENINAGK	AGAP002759-PA	-	74	2.91E-07	1	1213.689	-0.89	Ovary	2R:-:26781311-26781279	exon=> In CDS Exon 2 of transcript AGAP002759-PA
JHU_Ag_97031	TAVETAILLLR	AGAP002759-PA	-	82	1.51E-08	2	1199.738	1.85	Head	2R:-:26779713-26779681	exon=> In CDS Exon 3 of transcript AGAP002759-PA

JHU_Ag_100071	KGESQTNVEIVGDQDFTK	AGAP002759-PA	-	51	0.000130462	1	1994.975	4.33	Malpighian tubule	2R:-:26780484-26780431	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_104242	MYAPQQPILILSK	AGAP002759-PA	N-Term(Acetyl), M1(Oxidation)	34	0.003483502	2	1559.856	3.69	Ovary	2R:-:26781437-26781437,26781279-26781336	exon=> In CDS Exon 2 and 1 of transcript AGAP002759-PA
JHU_Ag_106522	LLPGGGAVEMAVSQALTNK	AGAP002759-PA	M10(Oxidation)	89	1.11E-08	2	1871.993	1.65	Head	2R:-:26780010-26779954	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_108053	IALDAVETVSLTENGR	AGAP002759-PA	-	42	0.000770744	2	1687.895	5.04	Malpighian tubule	2R:-:26780706-26780659	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_108578	ILQDEVSIELDR	AGAP002759-PA	-	60	1.26E-05	2	1429.759	3.82	Salivary gland	2R:-:26780826-26780791	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_111588	GESQTNVEIVGDQDFTK	AGAP002759-PA	-	93	7.25E-09	2	1866.874	1.23	Salivary gland	2R:-:26780481-26780431	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_111746	EALEDMVR	AGAP002759-PA	-	39	0.001874354	2	962.464	2.93	Malpighian tubule	2R:-:26780850-26780827	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_112609	EITVQHPAAK	AGAP002759-PA	-	57	1.86E-05	2	1093.602	1.62	Ovary	2R:-:26781027-26780998	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_113061	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	59	1.29E-05	2	1362.732	-0.98	Midgut	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_113721	LLQIEEEHVAR	AGAP002759-PA	-	72	6.89E-07	1	1336.723	0.62	Ovary	2R:-:26780430-26780398	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_114867	NLQDALHVAR	AGAP002759-PA	-	60	1.01E-05	1	1136.620	2.45	Ovary	2R:-:26780061-26780032	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_114890	IVLLDCPLEYK	AGAP002759-PA	C6(Carbamidomethyl)	65	3.29E-06	2	1362.734	-0.08	Male reproductive organs	2R:-:26780517-26780485	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_115860	DVGTGAGLFEIKK	AGAP002759-PA	-	56	1.74E-05	1	1334.731	-0.39	Salivary gland	2R:-:26780205-26780167	exon=> In CDS Exon 3 of transcript AGAP002759-PA
JHU_Ag_16148	KIEQLK	AGAP002760-PA	-	49	0.000117984	2	758.480	3.7	Malpighian tubule	2R:+:26786616-26786633	exon=> In CDS Exon 3 of transcript AGAP002760-PA
JHU_Ag_89162	KIEQLK	AGAP002760-PA	-	42	0.000454262	2	758.476	-0.89	Salivary gland	2R:+:26786616-26786633	exon=> In CDS Exon 3 of transcript AGAP002760-PA
JHU_Ag_186	IPLLFLQNITGFMVGR	AGAP002761-PA	M13(Oxidation)	71	3.09E-07	1	1835.020	-2.77	Ovary	2R:-:26788359-26788312	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_5862	APIVQQFEAEGSPYYSTAR	AGAP002761-PA	-	100	1.62E-09	2	2114.015	-1.91	Visceras	2R:-:26788026-26787970	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_6690	AATGEVVSAEDLGGADLHCR	AGAP002761-PA	C19(Carbamidomethyl)	45	0.000419134	1	2027.945	-0.17	Salivary gland	2R:-:26788854-26788795	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_10262	IPLLFLQNITGFMVGR	AGAP002761-PA	M13(Oxidation)	95	1.20E-09	1	1835.029	2.36	Malpighian tubule	2R:-:26788359-26788312	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_12295	VTQEVLAGGGPEAIKR	AGAP002761-PA	-	41	0.000493259	2	1624.903	0.59	Visceras	2R:-:26789424-26789377	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_12343	EGLTFGTDPEPPQYPATDLYGIVGSNLTK	AGAP002761-PA	-	56	3.02E-05	1	3080.511	0.47	Ovary	2R:-:26788650-26788564	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_13175	IFYNQANMSAR	AGAP002761-PA	-	65	3.44E-06	1	1314.627	0.78	Malpighian tubule	2R:-:26789019-26788987	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_14880	VQGVECVIVANDATVK	AGAP002761-PA	C6(Carbamidomethyl)	95	5.15E-09	2	1701.886	1.14	Ovary	2R:-:26789223-26789176	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_17232	ISVMGGSQAAGVLAQITEEQYR	AGAP002761-PA	M4(Oxidation)	91	1.13E-08	1	2324.151	-2	Ovary	2R:-:26788137-26788072	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_19268	VTQEVLAGGGPEAIKR	AGAP002761-PA	-	113	3.09E-11	2	1624.904	1.2	Malpighian tubule	2R:-:26789424-26789377	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_24610	AQEIAQENNLPCIYLVDSGGANLPR	AGAP002761-PA	C12(Carbamidomethyl)	43	0.000839158	3	2742.358	2.42	Ovary	2R:-:26789133-26789059	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_28553	AATGEVVSAEDLGGADLHCR	AGAP002761-PA	C19(Carbamidomethyl)	142	8.75E-14	2	2027.948	1.34	Malpighian tubule	2R:-:26788854-26788795	exon=> In CDS Exon 2 of transcript AGAP002761-PA

JHU_Ag_29092	MVTAVACANVPK	AGAP002761-PA	M1(Oxidation), C7(Carbamidomethyl)	86	4.43E-08	2	1276.637	-1.85	Ovary	2R:-:26788272-26788237	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_29669	FYGETIVCGYAR	AGAP002761-PA	C8(Carbamidomethyl)	73	6.10E-07	1	1435.667	-0.66	Ovary	2R:-:26788497-26788462	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_30666	DVVNSAGIVTGIGR	AGAP002761-PA	-	78	1.41E-07	1	1357.745	1.42	Malpighian tubule	2R:-:26789265-26789224	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_31878	TSGVTDHYAVDDEHALYLAR	AGAP002761-PA	-	136	4.09E-13	1	2233.055	1.41	Ovary	2R:-:26788794-26788735	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_33829	ENYGQMNELVVNLK	AGAP002761-PA	M6(Oxidation)	74	5.77E-07	1	1666.811	0.24	Ovary	2R:-:26789469-26789428	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_34278	VQGVECVIVANDATVK	AGAP002761-PA	C6(Carbamidomethyl)	109	1.67E-10	2	1701.892	4.37	Head	2R:-:26789223-26789176	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_34992	AATGEVVSAEDLGGADLHCR	AGAP002761-PA	C19(Carbamidomethyl)	145	4.32E-14	1	2027.952	3.45	Ovary	2R:-:26788854-26788795	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_41871	TSGVTDHYAVDDEHALYLAR	AGAP002761-PA	-	161	1.36E-15	1	2233.050	-0.73	Head	2R:-:26788794-26788735	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_42082	ISVMGGSQAAGVLAQITEEQYR	AGAP002761-PA	M4(Oxidation)	104	6.52E-10	1	2324.155	0.05	Malpighian tubule	2R:-:26788137-26788072	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_47840	DVVNSAGIVTGIGR	AGAP002761-PA	-	113	4.44E-11	2	1357.743	-0.2	Salivary gland	2R:-:26789265-26789224	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_48723	QGTIFLAGPPLVK	AGAP002761-PA	-	55	1.19E-05	2	1340.796	1.39	Ovary	2R:-:26788893-26788855	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_48894	QGTIFLAGPPLVK	AGAP002761-PA	-	40	0.000288609	2	1340.797	2.3	Visceras	2R:-:26788893-26788855	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_52220	ISVMGGSQAAGVLAQITEEQYRR	AGAP002761-PA	M4(Oxidation)	72	8.26E-07	1	2480.255	-0.64	Malpighian tubule	2R:-:26788137-26788069	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_54320	IKAPIVQQFEAEGSPYYSTAR	AGAP002761-PA	-	61	1.02E-05	1	2355.207	3.84	Malpighian tubule	2R:-:26788032-26787970	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_57646	LVDPGSPFLELSTLAAHDMYGK	AGAP002761-PA	M19(Oxidation)	50	0.000126671	1	2377.176	0.41	Ovary	2R:-:26789331-26789266	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_58383	TGREWTEEIGNR	AGAP002761-PA	-	64	5.60E-06	1	1447.694	0.71	Malpighian tubule	2R:-:26788068-26788033	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_60639	VQGVECVIVANDATVK	AGAP002761-PA	C6(Carbamidomethyl)	51	0.000134503	2	1701.885	0.43	Visceras	2R:-:26789223-26789176	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_62440	LWDDGIIDPVDTRR	AGAP002761-PA	-	60	1.51E-05	1	1670.853	1.91	Ovary	2R:-:26787969-26787928	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_62812	VTQEVLAGGGPEAIKR	AGAP002761-PA	-	91	5.35E-09	2	1624.902	0.29	Ovary	2R:-:26789424-26789377	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_64295	GAHFIQLCAQK	AGAP002761-PA	C8(Carbamidomethyl)	53	8.52E-05	1	1272.653	1.23	Head	2R:-:26788395-26788363	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_64955	APIVQQFEAEGSPYYSTAR	AGAP002761-PA	-	131	1.18E-12	1	2114.023	2.01	Head	2R:-:26788026-26787970	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_65337	LVDPGSPFLELSTLAAHDMYGK	AGAP002761-PA	M19(Oxidation)	36	0.003813189	1	2377.165	-3.9	Midgut	2R:-:26789331-26789266	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_65343	VQGVECVIVANDATVK	AGAP002761-PA	C6(Carbamidomethyl)	110	1.47E-10	2	1701.890	3.23	Malpighian tubule	2R:-:26789223-26789176	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_67779	VQGVECVIVANDATVK	AGAP002761-PA	C6(Carbamidomethyl)	62	1.11E-05	1	1701.884	0.07	Salivary gland	2R:-:26789223-26789176	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_68281	QGTIFLAGPPLVK	AGAP002761-PA	-	58	4.13E-06	1	1340.799	3.66	Head	2R:-:26788893-26788855	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_68706	AATGEVVSAEDLGGADLHCR	AGAP002761-PA	C19(Carbamidomethyl)	111	1.08E-10	1	2027.949	1.91	Head	2R:-:26788854-26788795	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_69646	GAHFIQLCAQK	AGAP002761-PA	C8(Carbamidomethyl)	37	0.003176351	2	1272.654	1.52	Ovary	2R:-:26788395-26788363	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_70468	IFYNQANMSAR	AGAP002761-PA	M8(Oxidation)	51	8.85E-05	1	1330.627	4.77	Salivary gland	2R:-:26789019-26788987	exon=> In CDS Exon 2 of transcript AGAP002761-PA

JHU_Ag_73022	EGLTFGTDPEPPQYPATDLYGIVGSNLTK	AGAP002761-PA	-	119	1.66E-11	1	3080.518	2.61	Head	2R:-:26788650-26788564	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_76709	QGTIFLAGPPLVK	AGAP002761-PA	-	35	0.000896005	2	1340.798	3.02	Salivary gland	2R:-:26788893-26788855	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_77962	VTQEVLAGGGPEAIKR	AGAP002761-PA	-	86	1.68E-08	1	1624.900	-1.21	Midgut	2R:-:26789424-26789377	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_80268	QGTIFLAGPPLVK	AGAP002761-PA	-	66	8.30E-07	2	1340.795	0.75	Malpighian tubule	2R:-:26788893-26788855	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_83256	ISVMGGSQAAGVLAQITEEQYRR	AGAP002761-PA	M4(Oxidation)	102	7.78E-10	1	2480.261	1.72	Ovary	2R:-:26788137-26788069	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_86487	AATGEVVSAEDLGGADLHCR	AGAP002761-PA	C19(Carbamidomethyl)	70	1.26E-06	1	2027.944	-0.8	Visceras	2R:-:26788854-26788795	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_86669	QVVKNLNRPGSASYNELAGSSTATMMAR	AGAP002761-PA	M25(Oxidation), M26(Oxidation)	38	0.002351625	1	2985.422	-10.04	Head	2R:-:26788734-26788651	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_86693	DVVNSAGIVTGIGR	AGAP002761-PA	-	102	6.11E-10	1	1357.741	-2	Head	2R:-:26789265-26789224	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_87856	DVVNSAGIVTGIGR	AGAP002761-PA	-	107	2.12E-10	1	1357.743	-0.02	Ovary	2R:-:26789265-26789224	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_89294	EWTEEIGNR	AGAP002761-PA	-	32	0.005281871	2	1133.525	2.4	Head	2R:-:26788059-26788033	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_94140	VTQEVLAGGGPEAIKR	AGAP002761-PA	-	96	1.67E-09	2	1624.906	2.62	Head	2R:-:26789424-26789377	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_94571	VTQEVLAGGGPEAIK	AGAP002761-PA	-	62	4.81E-06	1	1468.802	0.86	Ovary	2R:-:26789424-26789380	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_97679	LWDDGIIDPVDTR	AGAP002761-PA	-	60	1.42E-05	2	1514.750	0.61	Malpighian tubule	2R:-:26787969-26787931	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_99851	TFDVREVIAR	AGAP002761-PA	-	44	0.000407977	1	1205.666	1.62	Malpighian tubule	2R:-:26788563-26788534	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_100422	LWDDGIIDPVDTR	AGAP002761-PA	-	82	7.51E-08	2	1514.755	4.4	Head	2R:-:26787969-26787931	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_101524	APIVQQFEAEGSPYYSTAR	AGAP002761-PA	-	114	6.06E-11	2	2114.028	4.32	Ovary	2R:-:26788026-26787970	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_111118	LWDDGIIDPVDTRR	AGAP002761-PA	-	45	0.000450675	1	1670.856	3.55	Malpighian tubule	2R:-:26787969-26787928	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_111556	APIVQQFEAEGSPYYSTAR	AGAP002761-PA	-	124	5.96E-12	1	2114.025	3.05	Malpighian tubule	2R:-:26788026-26787970	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_114433	AQEIAQENNLPCIYLVDSGGANLPR	AGAP002761-PA	C12(Carbamidomethyl)	41	0.001058572	1	2742.375	8.36	Head	2R:-:26789133-26789059	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_115490	TSGVTDHYAVDDEHALYLAR	AGAP002761-PA	-	171	1.40E-16	1	2233.061	3.78	Malpighian tubule	2R:-:26788794-26788735	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_116224	MVTAVACANVPK	AGAP002761-PA	C7(Carbamidomethyl)	83	9.56E-08	1	1260.647	2.42	Malpighian tubule	2R:-:26788272-26788237	exon=> In CDS Exon 2 of transcript AGAP002761-PA
JHU_Ag_1717	LLDIVHPAAK	AGAP002762-PA	-	50	2.91E-05	1	1076.647	1.01	Head	2R:+:26791072-26791101	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_1791	VTGGALEDSMLVEGVAFKK	AGAP002762-PA	M10(Oxidation)	59	1.47E-05	1	1967.021	2.74	Ovary	2R:+:26791468-26791524	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_2101	VVDAEWQILYDKLAK	AGAP002762-PA	-	122	4.72E-12	1	1790.976	4.09	Ovary	2R:+:26791666-26791710	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_2321	TFAYAGFEMQPK	AGAP002762-PA	M9(Oxidation)	85	3.94E-08	2	1405.652	4.48	Malpighian tubule	2R:+:26791525-26791560	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_3118	QLKPFVEEGVHPR	AGAP002762-PA	-	77	1.92E-07	1	1535.833	-0.11	Malpighian tubule	2R:+:26791189-26791227	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_4086	ATISNDGATIMK	AGAP002762-PA	M11(Oxidation)	91	1.25E-08	1	1237.608	-0.83	Salivary gland	2R:+:26791036-26791071	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_4379	GGAEQFLEETER	AGAP002762-PA	-	60	1.22E-05	2	1365.627	-0.5	Male reproductive organs	2R:+:26791996-26792031	exon=> In CDS Exon 2 of transcript AGAP002762-PA

JHU_Ag_5920	TCTIILR	AGAP002762-PA	C2(Carbamidomethyl)	42	0.000699746	2	876.497	-0.43	Salivary gland	2R:+:26791975-26791995	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_6421	VPEEDLKR	AGAP002762-PA	-	48	0.000156773	1	985.531	-0.85	Ovary	2R:+:26791810-26791833	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_6503	SGAGEAPQPPMGR	AGAP002762-PA	M11(Oxidation)	89	1.27E-08	1	1270.586	0.75	Ovary	2R:+:26792624-26792662	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_6624	EHIADNFEAFVWEPSVIK	AGAP002762-PA	-	42	0.00111177	3	2131.061	5.48	Head	2R:+:26792495-26792548	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_6868	TIRNDSVVAGGGAIEMELSK	AGAP002762-PA	M16(Oxidation)	106	3.29E-10	1	2063.052	4.05	Ovary	2R:+:26792065-26792092,26792178-26792209	exon=> In CDS Exon 2 and 3 of transcript AGAP002762-PA
JHU_Ag_7099	IALLNIELELK	AGAP002762-PA	-	63	6.01E-07	1	1268.780	-1.61	Ovary	2R:+:26791579-26791611	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_8003	QLKPFVEEGVHPR	AGAP002762-PA	-	51	7.61E-05	1	1535.832	-0.46	Ovary	2R:+:26791189-26791227	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_8061	SGAGEAPQPPMGR	AGAP002762-PA	M11(Oxidation)	60	9.89E-06	1	1270.585	0.36	Head	2R:+:26792624-26792662	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_9008	ALEIIPR	AGAP002762-PA	-	45	9.16E-05	2	811.505	1.56	Head	2R:+:26792276-26792296	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_11812	TFAYAGFEMQPK	AGAP002762-PA	M9(Oxidation)	65	3.59E-06	2	1405.641	-3.51	Male reproductive organs	2R:+:26791525-26791560	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_13038	LPIGDVATQYFADR	AGAP002762-PA	-	97	2.92E-09	1	1565.801	3.38	Head	2R:+:26791747-26791788	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_14053	LPIGDVATQYFADRDMFCAGR	AGAP002762-PA	C18(Carbamidomethyl),"M16(Oxidation),C18(Carbamidomethyl)"	121	1.22E-11	1	2403.128	2.35	Ovary	2R:+:26791747-26791809	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_15008	MVVDSVTTLDVLLPLNMIGIK	AGAP002762-PA	M1(Oxidation),M17(Oxidation)	48	8.18E-05	1	2303.258	-1.1	Ovary	2R:+:26791402-26791464	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_15846	VVDAEWQILYDK	AGAP002762-PA	-	37	0.002916258	2	1478.751	-0.84	Midgut	2R:+:26791666-26791701	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_16226	QLKPFVEEGVHPR	AGAP002762-PA	-	36	0.001998922	1	1535.834	0.85	Visceras	2R:+:26791189-26791227	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_16847	EGTDTSQGKPQLVSNINACQSIVDAVR	AGAP002762-PA	C19(Carbamidomethyl)	129	1.97E-12	1	2887.424	0.9	Head	2R:+:26790901-26790981	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_16932	VDNVAEYQK	AGAP002762-PA	-	47	0.000328618	1	1065.523	1.57	Head	2R:+:26791639-26791665	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_17925	LPIGDVATQYFADR	AGAP002762-PA	-	76	4.35E-07	2	1565.797	0.81	Male reproductive organs	2R:+:26791747-26791788	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_18289	IALLNIELELK	AGAP002762-PA	-	60	1.16E-06	2	1268.788	4.55	Head	2R:+:26791579-26791611	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_18803	NDSVVAGGGAIEMELSK	AGAP002762-PA	M13(Oxidation)	78	2.98E-07	2	1692.811	0.12	Salivary gland	2R:+:26792074-26792092,26792178-26792209	exon=> In CDS Exon 2 and 3 of transcript AGAP002762-PA
JHU_Ag_18995	GGAEQFLEETER	AGAP002762-PA	-	74	4.93E-07	1	1365.632	2.99	Malpighian tubule	2R:+:26791996-26792031	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_19623	VVDAEWQILYDK	AGAP002762-PA	-	78	2.33E-07	2	1478.755	1.47	Visceras	2R:+:26791666-26791701	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_20451	ALEIIPR	AGAP002762-PA	-	43	0.000169551	1	811.504	0.06	Malpighian tubule	2R:+:26792276-26792296	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_20570	LIHQQKEFFSK	AGAP002762-PA	-	61	7.86E-06	1	1404.763	-0.34	Malpighian tubule	2R:+:26791369-26791401	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_22823	TFAYAGFEMQPK	AGAP002762-PA	M9(Oxidation)	86	3.25E-08	1	1405.646	0.49	Salivary gland	2R:+:26791525-26791560	exon=> In CDS Exon 2 of transcript AGAP002762-PA

JHU_Ag_23554	NDSVVAGGGAIEMELSK	AGAP002762-PA	M13(Oxidation)	169	2.09E-16	1	1692.810	-0.31	Ovary	2R:+:26792074-26792092,26792178-26792209	exon=> In CDS Exon 2 and 3 of transcript AGAP002762-PA
JHU_Ag_23812	ACGGAVMTTVQDISDK	AGAP002762-PA	C2(Carbamidomethyl), M7(Oxidation)	96	3.30E-09	1	1668.759	1.05	Salivary gland	2R:+:26791843-26791890	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_28142	LPIGDVATQYFADR	AGAP002762-PA	-	94	6.91E-09	1	1565.799	2.06	Malpighian tubule	2R:+:26791747-26791788	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_28182	QLCDNAGFDATNILNK	AGAP002762-PA	C3(Carbamidomethyl)	65	5.48E-06	2	1793.853	2.34	Head	2R:+:26792297-26792344	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_29003	TFAYAGFEMQPK	AGAP002762-PA	M9(Oxidation)	61	1.06E-05	2	1405.643	-1.77	Midgut	2R:+:26791525-26791560	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_29042	TIAGKEQLLIGAMAK	AGAP002762-PA	M13(Oxidation)	65	1.10E-06	1	1543.890	1.52	Malpighian tubule	2R:+:26792231-26792275	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_29187	TIRNDSVVAGGGAIEMELSK	AGAP002762-PA	-	65	3.91E-06	3	2047.057	3.86	Malpighian tubule	2R:+:26792065-26792092,26792178-26792209	exon=> In CDS Exon 2 and 3 of transcript AGAP002762-PA
JHU_Ag_29647	EHIADNFEAFVWEPSVIK	AGAP002762-PA	-	66	4.05E-06	2	2131.045	-1.93	Visceras	2R:+:26792495-26792548	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_30231	LPIGDVATQYFADR	AGAP002762-PA	-	97	3.27E-09	1	1565.800	2.52	Ovary	2R:+:26791747-26791788	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_30324	KALNLCVAQINELAFK	AGAP002762-PA	C6(Carbamidomethyl)	78	9.91E-08	2	1832.014	2.12	Salivary gland	2R:+:26791249-26791296	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_30403	IHQSGAQVVLSK	AGAP002762-PA	-	90	4.97E-09	1	1266.721	3.64	Larva	2R:+:26791711-26791746	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_30611	SQDAEVGDGTTSVVLLAGEFLK	AGAP002762-PA	-	82	7.37E-08	1	2236.143	3.87	Malpighian tubule	2R:+:26791123-26791188	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_31514	QLCDNAGFDATNILNK	AGAP002762-PA	C3(Carbamidomethyl)	106	4.56E-10	2	1793.853	2.61	Malpighian tubule	2R:+:26792297-26792344	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_33650	VTGGALEDSMLVEGVAFKK	AGAP002762-PA	M10(Oxidation)	67	2.25E-06	1	1967.019	1.62	Malpighian tubule	2R:+:26791468-26791524	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_33915	VLGTCAHFEER	AGAP002762-PA	C5(Carbamidomethyl)	77	2.44E-07	1	1318.618	-1.95	Male reproductive organs	2R:+:26791891-26791923	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_36754	VLGTCAHFEER	AGAP002762-PA	C5(Carbamidomethyl)	77	2.74E-07	1	1318.623	1.66	Salivary gland	2R:+:26791891-26791923	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_36817	FNLFQGCPNAK	AGAP002762-PA	C7(Carbamidomethyl)	58	2.10E-05	1	1295.621	0.56	Ovary	2R:+:26791942-26791974	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_36948	MQPQIILLK	AGAP002762-PA	N-Term(Acetyl), M1(Oxidation)	47	0.000131983	2	1141.667	1.68	Ovary	2R:+:26790470-26790472,26790877-26790900	exon=> In CDS Exon 1 and 2 of transcript AGAP002762-PA
JHU_Ag_37218	DNAEVRVDNVAEYQK	AGAP002762-PA	-	74	6.91E-07	1	1749.842	0.82	Malpighian tubule	2R:+:26791621-26791665	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_38526	QLKPFVEEGVHPR	AGAP002762-PA	-	45	0.000259312	1	1535.833	-0.11	Salivary gland	2R:+:26791189-26791227	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_39031	QIGSERFNLFQGCPNAK	AGAP002762-PA	C13(Carbamidomethyl)	42	0.00094339	1	1965.965	2.53	Malpighian tubule	2R:+:26791924-26791974	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_42039	LLDIVHPAAK	AGAP002762-PA	-	67	5.73E-07	1	1076.646	0.08	Male reproductive organs	2R:+:26791072-26791101	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_43458	VVDAEWQILYDK	AGAP002762-PA	-	101	1.18E-09	1	1478.752	-0.51	Male reproductive organs	2R:+:26791666-26791701	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_43503	LPIGDVATQYFADR	AGAP002762-PA	-	86	4.29E-08	1	1565.798	1.12	Salivary gland	2R:+:26791747-26791788	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_44794	ATISNDGATIMK	AGAP002762-PA	M11(Oxidation)	90	1.64E-08	1	1221.616	1.1	Malpighian tubule	2R:+:26791036-26791071	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_49038	GGAEQFLEETER	AGAP002762-PA	-	86	3.18E-08	1	1365.629	0.93	Salivary gland	2R:+:26791996-26792031	exon=> In CDS Exon 2 of transcript AGAP002762-PA

JHU_Ag_49462	GGAEQFLEETER	AGAP002762-PA	-	84	5.30E-08	1	1365.632	2.45	Ovary	2R:+:26791996-26792031	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_50965	LLDIVHPAAK	AGAP002762-PA	-	67	5.67E-07	1	1076.644	-1.71	Pupa	2R:+:26791072-26791101	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_51511	EGTDTSQGKPQLVSNINACQSIVDAVR	AGAP002762-PA	C19(Carbamidomethyl)	82	9.64E-08	1	2887.429	2.43	Male reproductive organs	2R:+:26790901-26790981	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_53020	IALLNIELELK	AGAP002762-PA	-	28	0.001918418	1	1268.783	0.51	Salivary gland	2R:+:26791579-26791611	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_53262	VTGGALEDSMLVEGVAFKK	AGAP002762-PA	M10(Oxidation)	40	0.001274582	1	1967.018	1.43	Male reproductive organs	2R:+:26791468-26791524	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_53553	EGTDTSQGKPQLVSNINACQSIVDAVR	AGAP002762-PA	C19(Carbamidomethyl)	140	1.42E-13	1	2887.425	1.16	Visceras	2R:+:26790901-26790981	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_54170	VVDAEWQILYDK	AGAP002762-PA	-	95	5.34E-09	1	1478.756	2.38	Pupa	2R:+:26791666-26791701	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_55139	IALLNIELELKAER	AGAP002762-PA	-	73	6.97E-08	1	1624.966	1.57	Malpighian tubule	2R:+:26791579-26791620	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_58144	ALEIIPR	AGAP002762-PA	-	42	0.000174703	1	811.503	-0.62	Male reproductive organs	2R:+:26792276-26792296	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_58342	TFAYAGFEMQPK	AGAP002762-PA	M9(Oxidation)	62	9.25E-06	2	1405.648	1.88	Head	2R:+:26791525-26791560	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_58442	SQDAEVGDGTTSVVLLAGEFLK	AGAP002762-PA	-	155	3.64E-15	1	2236.140	2.45	Ovary	2R:+:26791123-26791188	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_59537	ALEIIPR	AGAP002762-PA	-	45	6.66E-05	2	811.502	-1.44	Visceras	2R:+:26792276-26792296	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_60749	EGTDTSQGKPQLVSNINACQSIVDAVR	AGAP002762-PA	C19(Carbamidomethyl)	145	4.68E-14	1	2887.428	2.11	Malpighian tubule	2R:+:26790901-26790981	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_61614	VLGTCAHFEER	AGAP002762-PA	C5(Carbamidomethyl)	51	9.11E-05	1	1318.621	-0.1	Visceras	2R:+:26791891-26791923	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_62073	SGAGEAPQPPMGR	AGAP002762-PA	M11(Oxidation)	86	2.54E-08	1	1270.585	0.27	Malpighian tubule	2R:+:26792624-26792662	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_62425	LPIGDVATQYFADR	AGAP002762-PA	-	107	3.16E-10	1	1565.802	3.77	Pupa	2R:+:26791747-26791788	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_62890	ALEIIPR	AGAP002762-PA	-	37	0.00067811	2	811.503	-0.32	Salivary gland	2R:+:26792276-26792296	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_62952	ALEIIPR	AGAP002762-PA	-	39	0.000413333	1	811.503	-0.24	Ovary	2R:+:26792276-26792296	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_63051	VVDAEWQILYDKLAK	AGAP002762-PA	-	47	0.000135851	1	1790.972	1.77	Male reproductive organs	2R:+:26791666-26791710	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_64902	IIIKAVR	AGAP002762-PA	-	25	0.002782396	2	812.562	-12.14	Ovary	2R:+:26791228-26791248	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_66119	IHQSGAQVVLSK	AGAP002762-PA	-	80	5.89E-08	1	1266.716	-0.22	Pupa	2R:+:26791711-26791746	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_67796	MVVDSVTTLDVLLPLNMIGIKK	AGAP002762-PA	M1(Oxidation), M17(Oxidation)	65	4.65E-07	1	2431.365	4.13	Malpighian tubule	2R:+:26791402-26791467	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_68412	EHIADNFEAFVWEPSVIK	AGAP002762-PA	-	92	1.00E-08	1	2131.047	-1.36	Salivary gland	2R:+:26792495-26792548	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_69506	NDSVVAGGGAIEMELSK	AGAP002762-PA	M13(Oxidation)	68	3.06E-06	1	1692.816	3.08	Malpighian tubule	2R:+:26792074-26792092,26792178-26792209	exon=> In CDS Exon 2 and 3 of transcript AGAP002762-PA
JHU_Ag_69890	SGAGEAPQPPMGR	AGAP002762-PA	M11(Oxidation)	63	5.44E-06	1	1270.584	-0.5	Salivary gland	2R:+:26792624-26792662	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_70990	LPIGDVATQYFADRDMFCAGR	AGAP002762-PA	M16(Oxidation), C18(Carbamidomethyl)	57	3.18E-05	1	2419.122	1.99	Malpighian tubule	2R:+:26791747-26791809	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_72202	VLGTCAHFEER	AGAP002762-PA	C5(Carbamidomethyl)	80	1.09E-07	1	1318.616	-3.89	Head	2R:+:26791891-26791923	exon=> In CDS Exon 2 of transcript AGAP002762-PA

JHU_Ag_74044	MQPQIILLK	AGAP002762-PA	N-Term(Acetyl)	35	0.000913739	2	1125.674	3.47	Malpighian tubule	2R:+:26790470-26790472,26790877-26790900	exon=> In CDS Exon 1 and 2 of transcript AGAP002762-PA
JHU_Ag_74064	VVDAEWQILYDK	AGAP002762-PA	-	94	6.13E-09	1	1478.755	1.8	Ovary	2R:+:26791666-26791701	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_74602	IHQSGAQVVLSK	AGAP002762-PA	-	50	5.25E-05	1	1266.714	-1.63	Salivary gland	2R:+:26791711-26791746	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_75820	LLDIVHPAAK	AGAP002762-PA	-	54	1.05E-05	1	1076.646	-0.59	Ovary	2R:+:26791072-26791101	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_76147	IHQSGAQVVLSK	AGAP002762-PA	-	97	9.89E-10	1	1266.718	1.23	Head	2R:+:26791711-26791746	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_76478	SLHDAIMIVRR	AGAP002762-PA	-	39	0.000698031	1	1310.738	1.04	Malpighian tubule	2R:+:26792032-26792064	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_76687	LPIGDVATQYFADR	AGAP002762-PA	-	96	3.64E-09	1	1565.800	2.91	Visceras	2R:+:26791747-26791788	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_76699	MQPQIILLK	AGAP002762-PA	M1(Oxidation)	34	0.002819949	2	1099.653	-1.42	Ovary	2R:+:26790470-26790472,26790877-26790900	exon=> In CDS Exon 1 and 2 of transcript AGAP002762-PA
JHU_Ag_79360	SLHDAIMIVR	AGAP002762-PA	M7(Oxidation)	69	1.27E-06	1	1170.629	-1.01	Ovary	2R:+:26792032-26792061	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_79637	SLHDAIMIVR	AGAP002762-PA	M7(Oxidation)	39	0.000866722	2	1154.638	2.6	Head	2R:+:26792032-26792061	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_79698	VTGGALEDSMLVEGVAFK	AGAP002762-PA	-	48	0.000219725	2	1822.926	0.24	Head	2R:+:26791468-26791521	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_80853	GGAEQFLEETER	AGAP002762-PA	-	82	8.77E-08	2	1365.627	-0.68	Midgut	2R:+:26791996-26792031	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_81582	VVDAEWQILYDK	AGAP002762-PA	-	86	4.05E-08	1	1478.759	4.53	Head	2R:+:26791666-26791701	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_82435	IHQSGAQVVLSK	AGAP002762-PA	-	80	5.30E-08	1	1266.717	0.46	Malpighian tubule	2R:+:26791711-26791746	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_82501	IIIKAVR	AGAP002762-PA	-	26	0.00204842	1	812.561	-13.42	Midgut	2R:+:26791228-26791248	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_82959	TIAGKEQLLIGAMAK	AGAP002762-PA	-	112	2.38E-11	1	1543.890	1.28	Ovary	2R:+:26792231-26792275	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_83944	FNLFQGCPNAK	AGAP002762-PA	C7(Carbamidomethyl)	42	0.000885703	1	1295.623	2.44	Malpighian tubule	2R:+:26791942-26791974	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_86180	QLKPFVEEGVHPR	AGAP002762-PA	-	72	5.91E-07	1	1535.836	1.87	Head	2R:+:26791189-26791227	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_90086	MQPQIILLK	AGAP002762-PA	N-Term(Acetyl), M1(Oxidation)	46	0.000142731	2	1141.668	2.21	Malpighian tubule	2R:+:26790470-26790472,26790877-26790900	exon=> In CDS Exon 1 and 2 of transcript AGAP002762-PA
JHU_Ag_92228	ATISNDGATIMK	AGAP002762-PA	M11(Oxidation)	80	1.39E-07	1	1237.611	1.05	Ovary	2R:+:26791036-26791071	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_93137	VLGTCAHFEER	AGAP002762-PA	C5(Carbamidomethyl)	57	2.58E-05	1	1318.622	0.73	Ovary	2R:+:26791891-26791923	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_94035	LIHQQKEFFSK	AGAP002762-PA	-	75	3.86E-07	1	1404.764	0.27	Ovary	2R:+:26791369-26791401	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_94253	TLVDIAK	AGAP002762-PA	-	40	0.001608928	1	759.461	0.32	Malpighian tubule	2R:+:26791102-26791122	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_94385	MQPQIILLK	AGAP002762-PA	N-Term(Acetyl), M1(Oxidation)	47	0.00010722	2	1141.665	-0.03	Salivary gland	2R:+:26790470-26790472,26790877-26790900	exon=> In CDS Exon 1 and 2 of transcript AGAP002762-PA
JHU_Ag_94679	VDNVAEYQK	AGAP002762-PA	-	63	8.57E-06	1	1065.520	-0.67	Salivary gland	2R:+:26791639-26791665	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_95116	VTGGALEDSMLVEGVAFK	AGAP002762-PA	M10(Oxidation)	85	5.20E-08	2	1838.922	0.61	Salivary gland	2R:+:26791468-26791521	exon=> In CDS Exon 2 of transcript AGAP002762-PA

JHU_Ag_95628	ACGGAVMTTVQDISDKVLGTCAHFEER	AGAP002762-PA	C2(Carbamidomethyl), C21(Carbamidomethyl),"C2(Carbamidomethyl), M7(Oxidation), C21(Carbamidomethyl)"	163	5.71E-16	1	2968.365	1.84	Malpighian tubule	2R:+:26791843-26791923	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_96007	EQLLIGAMAK	AGAP002762-PA	M8(Oxidation)	42	0.000921982	2	1089.597	-0.44	Ovary	2R:+:26792246-26792275	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_96369	GGAEQFLEETER	AGAP002762-PA	-	77	2.38E-07	2	1365.628	0.22	Pupa	2R:+:26791996-26792031	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_97215	EGTDTSQGKPQLVSNINACQSIVDAVR	AGAP002762-PA	C19(Carbamidomethyl)	149	2.02E-14	1	2887.428	2.11	Ovary	2R:+:26790901-26790981	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_98366	VDNVAEYQK	AGAP002762-PA	-	47	0.000328592	1	1065.523	1.27	Ovary	2R:+:26791639-26791665	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_98487	EHIADNFEAFVWEPSVIK	AGAP002762-PA	-	118	2.68E-11	1	2131.057	3.56	Ovary	2R:+:26792495-26792548	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_98812	LIHQQK	AGAP002762-PA	Q4(Deamidated)	34	0.00138111	1	767.441	-0.57	Head	2R:+:26791369-26791386	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_98939	VVDAEWQILYDKLAK	AGAP002762-PA	-	92	4.55E-09	1	1790.974	3.14	Malpighian tubule	2R:+:26791666-26791710	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_99453	DNAEVRVDNVAEYQK	AGAP002762-PA	-	106	4.14E-10	1	1749.841	0.47	Ovary	2R:+:26791621-26791665	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_100011	LPIGDVATQYFADRDMFCAGR	AGAP002762-PA	M16(Oxidation), C18(Carbamidomethyl)	75	4.99E-07	1	2419.120	1.31	Salivary gland	2R:+:26791747-26791809	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_100702	LLDIVHPAAK	AGAP002762-PA	-	54	1.18E-05	1	1076.646	-0.48	Salivary gland	2R:+:26791072-26791101	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_101238	EHIADNFEAFVWEPSVIK	AGAP002762-PA	-	118	2.73E-11	1	2131.058	4.14	Malpighian tubule	2R:+:26792495-26792548	exon=> In CDS Exon 4 of transcript AGAP002762-PA
JHU_Ag_101426	ALEIIPR	AGAP002762-PA	-	35	0.000904274	2	811.503	-0.92	Pupa	2R:+:26792276-26792296	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_103585	TCTIILR	AGAP002762-PA	C2(Carbamidomethyl)	42	0.000715688	2	876.498	1.11	Malpighian tubule	2R:+:26791975-26791995	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_104156	QLCDNAGFDATNILNK	AGAP002762-PA	C3(Carbamidomethyl)	108	2.86E-10	2	1793.855	3.5	Ovary	2R:+:26792297-26792344	exon=> In CDS Exon 3 of transcript AGAP002762-PA
JHU_Ag_106025	LPIGDVATQYFADRDMFCAGR	AGAP002762-PA	C18(Carbamidomethyl)	67	2.96E-06	1	2403.126	1.51	Visceras	2R:+:26791747-26791809	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_107144	LLDIVHPAAK	AGAP002762-PA	-	67	6.04E-07	1	1076.647	0.5	Malpighian tubule	2R:+:26791072-26791101	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_107498	IHQSGAQVVLSK	AGAP002762-PA	-	89	6.35E-09	1	1266.718	1.32	Ovary	2R:+:26791711-26791746	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_107646	VTGGALEDSMLVEGVAFKK	AGAP002762-PA	M10(Oxidation)	61	1.05E-05	1	1967.017	0.6	Salivary gland	2R:+:26791468-26791524	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_108099	GMDKLIVDSK	AGAP002762-PA	M2(Oxidation)	70	1.26E-06	1	1105.593	0.63	Malpighian tubule	2R:+:26791000-26791029	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_109017	TCTIILR	AGAP002762-PA	C2(Carbamidomethyl)	40	0.001147424	2	876.498	1.04	Ovary	2R:+:26791975-26791995	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_109154	TFAYAGFEMQPK	AGAP002762-PA	M9(Oxidation)	76	3.28E-07	1	1405.651	3.53	Larva	2R:+:26791525-26791560	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_109801	VTGGALEDSMLVEGVAFK	AGAP002762-PA	M10(Oxidation)	137	2.73E-13	1	1838.937	9.17	Ovary	2R:+:26791468-26791521	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_110254	VDNVAEYQK	AGAP002762-PA	-	43	0.000854459	1	1065.520	-1.02	Pupa	2R:+:26791639-26791665	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_112069	ALNLCVAQINELAFK	AGAP002762-PA	C5(Carbamidomethyl)	71	6.08E-07	2	1703.929	8.51	Head	2R:+:26791252-26791296	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_113231	ALNLCVAQINELAFK	AGAP002762-PA	C5(Carbamidomethyl)	70	9.05E-07	2	1703.918	1.56	Ovary	2R:+:26791252-26791296	exon=> In CDS Exon 2 of transcript AGAP002762-PA

JHU_Ag_113561	FNLFQGCPNAK	AGAP002762-PA	C7(Carbamidomethyl)	48	0.00018828	1	1295.621	0.37	Salivary gland	2R:+:26791942-26791974	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_114077	TFAYAGFEMQPK	AGAP002762-PA	M9(Oxidation)	88	1.94E-08	1	1405.647	1.09	Ovary	2R:+:26791525-26791560	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_114230	GGAEQFLEETER	AGAP002762-PA	-	81	1.02E-07	2	1365.632	2.45	Head	2R:+:26791996-26792031	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_117449	ACGGAVMTTVQDISDKVLGTCAHFEER	AGAP002762-PA	C2(Carbamidomethyl), C21(Carbamidomethyl),"C2(Carbamidomethyl), M7(Oxidation), C21(Carbamidomethyl)"	122	8.44E-12	1	2968.366	2.17	Ovary	2R:+:26791843-26791923	exon=> In CDS Exon 2 of transcript AGAP002762-PA
JHU_Ag_1294	ADLISAVQLLPK	AGAP002764-PA	-	62	1.12E-06	2	1267.763	0.33	Midgut	2R:+:26829900-26829935	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_1411	KVVCIPYGVTFGN	AGAP002764-PA	C4(Carbamidomethyl)	78	2.13E-07	1	1453.749	-1.31	Ovary	2R:+:26831127-26831165	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_1992	APFEQALAAAK	AGAP002764-PA	-	51	0.000131992	2	1116.604	-0.39	Midgut	2R:+:26830443-26830475	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_5699	HKADLISAVQLLPK	AGAP002764-PA	-	61	6.69E-07	1	1532.916	0.34	Ovary	2R:+:26829894-26829935	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_8806	SYGAQLVQSDSDVNDVKPMLAFVPGVQYLLSNNPTAVQPSPIVAVNAFR	AGAP002764-PA	M19(Oxidation)	119	5.17E-12	1	5232.645	-4.39	Ovary	2R:+:26830476-26830622	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_10379	TVFAPTVATPTNDAEK	AGAP002764-PA	-	63	9.57E-06	2	1661.839	0.23	Midgut	2R:+:26830845-26830892	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_16859	ADLISAVQLLPK	AGAP002764-PA	-	79	2.64E-08	2	1267.763	0.43	Head	2R:+:26829900-26829935	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_17400	NVLVQENVKDEFVQLVK	AGAP002764-PA	-	134	2.79E-13	1	2001.099	-1.16	Midgut	2R:+:26830347-26830397	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_25976	NVLVQENVKDEFVQLVK	AGAP002764-PA	-	142	4.32E-14	1	2001.100	-0.92	Ovary	2R:+:26830347-26830397	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_27913	ADLISAVQLLPK	AGAP002764-PA	-	51	1.46E-05	1	1267.762	0.23	Malpighian tubule	2R:+:26829900-26829935	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_29157	AEDFCYGSEYAVCEK	AGAP002764-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	110	1.54E-11	1	1827.729	5.1	Ovary	2R:+:26830791-26830835	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_30982	NVLVQENVKDEFVQLVK	AGAP002764-PA	-	84	2.61E-08	1	2001.105	1.52	Malpighian tubule	2R:+:26830347-26830397	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_34617	SLGTYVANKR	AGAP002764-PA	-	71	8.90E-07	1	1108.613	1.91	Ovary	2R:+:26830911-26830940	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_37629	EEATQEIELALHFMQHYMHLEDDGLLDQPNAQHR	AGAP002764-PA	M14(Oxidation), M18(Oxidation)	95	2.64E-09	1	4090.856	-2.48	Ovary	2R:+:26829936-26830037	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_56305	HLLLDTVHNQR	AGAP002764-PA	-	75	5.00E-07	1	1345.733	-0.09	Ovary	2R:+:26831094-26831126	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_59118	TVFAPTVATPTNDAEK	AGAP002764-PA	-	77	3.79E-07	1	1661.839	0.23	Ovary	2R:+:26830845-26830892	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_61075	APFEQALAAAK	AGAP002764-PA	-	96	4.13E-09	1	1116.606	1.14	Malpighian tubule	2R:+:26830443-26830475	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_61692	SLGTYVANKR	AGAP002764-PA	-	52	6.72E-05	2	1108.610	-0.85	Pupa	2R:+:26830911-26830940	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_62651	LALAWNTNAVPWAIR	AGAP002764-PA	-	79	7.92E-08	2	1695.937	2.24	Head	2R:+:26830302-26830346	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_65388	APFEQALAAAK	AGAP002764-PA	-	61	1.45E-05	2	1116.605	0.49	Pupa	2R:+:26830443-26830475	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_66027	TVFAPTVATPTNDAEKNR	AGAP002764-PA	-	70	1.65E-06	1	1931.987	2.59	Ovary	2R:+:26830845-26830898	exon=> In CDS Exon 2 of transcript AGAP002764-PA

JHU_Ag_66991	TVFAPTVATPTNDAEK	AGAP002764-PA	-	47	0.000361288	1	1661.839	0.3	Salivary gland	2R:+:26830845-26830892	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_73959	ATCVGFK	AGAP002764-PA	C3(Carbamidomethyl)	39	0.000826398	2	782.387	0.24	Ovary	2R:+:26830101-26830121	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_77408	TVFAPTVATPTNDAEK	AGAP002764-PA	-	69	2.09E-06	2	1661.841	1.99	Pupa	2R:+:26830845-26830892	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_78574	APFEQALAAAK	AGAP002764-PA	-	89	1.48E-08	1	1116.607	2.24	Ovary	2R:+:26830443-26830475	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_79916	ADLISAVQLLPK	AGAP002764-PA	-	100	2.05E-10	1	1267.763	0.71	Ovary	2R:+:26829900-26829935	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_81200	SLGTYVANK	AGAP002764-PA	-	39	0.001163652	2	952.510	0.41	Ovary	2R:+:26830911-26830937	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_82683	NVLVQENVKDEFVQLVK	AGAP002764-PA	-	110	7.79E-11	1	2001.101	-0.12	Male reproductive organs	2R:+:26830347-26830397	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_88316	KSLFEILLDLHSSMR	AGAP002764-PA	M14(Oxidation)	63	5.38E-06	1	1804.966	2.04	Ovary	2R:+:26830056-26830100	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_93680	SLGTYVANKR	AGAP002764-PA	-	62	7.03E-06	1	1108.611	-0.41	Malpighian tubule	2R:+:26830911-26830940	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_98158	SLFEILLDLHSSMR	AGAP002764-PA	M13(Oxidation)	86	2.91E-08	1	1676.875	4.24	Ovary	2R:+:26830059-26830100	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_99148	APFEQALAAAK	AGAP002764-PA	-	88	2.14E-08	1	1116.607	2.34	Male reproductive organs	2R:+:26830443-26830475	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_105871	LKPFSDSQK	AGAP002764-PA	-	65	4.24E-06	1	1049.563	0.52	Ovary	2R:+:26830404-26830430	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_107644	HLLLDTVHNQR	AGAP002764-PA	-	49	0.000140721	1	1345.736	1.46	Head	2R:+:26831094-26831126	exon=> In CDS Exon 2 of transcript AGAP002764-PA
JHU_Ag_19362	LGQTMIEPAMDR	AGAP002770-PA	M5(Oxidation), M10(Oxidation)	60	1.33E-05	1	1393.646	0.76	Male reproductive organs	2R:+:26857341-26857376	exon=> In CDS Exon 2 of transcript AGAP002770-PA
JHU_Ag_26144	IGINFQPPIAVPGADLAR	AGAP002770-PA	-	36	0.001177637	2	1849.027	-3.18	Male reproductive organs	2R:+:26858070-26858123	exon=> In CDS Exon 2 of transcript AGAP002770-PA
JHU_Ag_5156	TLYDHTDEVSYLEFHPK	AGAP002776-PA	-	79	2.11E-07	1	2093.984	1.04	Ovary	2R:-:27042606-27042556	exon=> In CDS Exon 2 of transcript AGAP002776-PA
JHU_Ag_15627	HIVHSPTHSAFLTCSDDYR	AGAP002776-PA	C14(Carbamidomethyl)	117	2.91E-11	1	2243.041	4.73	Ovary	2R:-:27041904-27041848	exon=> In CDS Exon 2 of transcript AGAP002776-PA
JHU_Ag_25623	MMISQLFYDGYHSVAVELTNLVR	AGAP002776-PA	M1(Oxidation), M2(Oxidation)	130	1.37E-12	1	2718.322	-1.71	Ovary	2R:-:27043101-27043164,27041812-27042961	exon=> In CDS Exon 2 and 1 of transcript AGAP002776-PA
JHU_Ag_46458	TLYDHTDEVSYLEFHPK	AGAP002776-PA	-	53	7.74E-05	1	2093.979	-1.06	Head	2R:-:27042606-27042556	exon=> In CDS Exon 2 of transcript AGAP002776-PA
JHU_Ag_67359	YLLSSGMDSLVK	AGAP002776-PA	M7(Oxidation)	39	0.001839122	1	1328.674	-2.02	Ovary	2R:-:27042150-27042115	exon=> In CDS Exon 2 of transcript AGAP002776-PA
JHU_Ag_30035	GLPQNRLK	AGAP002778-PA	Q4(Deamidated), N5(Deamidated)	36	0.001388408	1	927.526	0.47	Malpighian tubule	2R:+:27049154-27049177	exon=> In CDS Exon 2 of transcript AGAP002778-PA
JHU_Ag_34172	FAECGLEEVDYK	AGAP002778-PA	C4(Carbamidomethyl)	68	1.37E-06	2	1459.647	3.85	Ovary	2R:+:27049532-27049567	exon=> In CDS Exon 2 of transcript AGAP002778-PA
JHU_Ag_111429	SLTVQLSPNAVVR	AGAP002778-PA	-	47	8.75E-05	2	1383.796	0.5	Ovary	2R:+:27049082-27049120	exon=> In CDS Exon 2 of transcript AGAP002778-PA
JHU_Ag_53798	ALSAEEAEQEYGR	AGAP002779-PA	-	82	7.91E-08	2	1452.659	-1.08	Salivary gland	2R:+:27052255-27052293	exon=> In CDS Exon 2 of transcript AGAP002779-PA
JHU_Ag_20939	GTAFVVYEDIFDAK	AGAP002780-PA	-	64	5.90E-06	2	1574.773	-0.18	Ovary	2R:-:27053925-27053884	exon=> In CDS Exon 3 of transcript AGAP002780-PA
JHU_Ag_90217	GTAFVVYEDIFDAK	AGAP002780-PA	-	57	3.11E-05	2	1574.777	1.99	Head	2R:-:27053925-27053884	exon=> In CDS Exon 3 of transcript AGAP002780-PA
JHU_Ag_1787	LLAEVNYK	AGAP002782-PA	-	51	6.82E-05	1	949.536	0.83	Ovary	2R:+:27077349-27077372	exon=> In CDS Exon 2 of transcript AGAP002782-PA

JHU_Ag_7519	LLAEVNYK	AGAP002782-PA	-	50	0.000106198	2	949.535	-0.47	Salivary gland	2R:+:27077349-27077372	exon=> In CDS Exon 2 of transcript AGAP002782-PA
JHU_Ag_16060	VGLCYMMER	AGAP002782-PA	C4(Carbamidomethyl), M6(Oxidation), M7(Oxidation)	42	0.000233919	1	1190.505	3.56	Ovary	2R:+:27077373-27077399	exon=> In CDS Exon 2 of transcript AGAP002782-PA
JHU_Ag_27590	DEAALVESSATEK	AGAP002782-PA	-	96	4.22E-09	2	1349.647	2.78	Head	2R:+:27076818-27076856	exon=> In CDS Exon 1 of transcript AGAP002782-PA
JHU_Ag_27876	GAVTELEK	AGAP002782-PA	-	62	1.61E-05	1	846.460	4.11	Ovary	2R:+:27077430-27077453	exon=> In CDS Exon 2 of transcript AGAP002782-PA
JHU_Ag_36164	EFEESINSFK	AGAP002782-PA	-	42	0.000496001	2	1229.571	1.9	Ovary	2R:+:27077400-27077429	exon=> In CDS Exon 2 of transcript AGAP002782-PA
JHU_Ag_40200	LAAKPATDISHLIK	AGAP002782-PA	-	100	1.44E-10	1	1477.879	3.86	Ovary	2R:+:27077794-27077835	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_41713	DLNNGAGTSSAGGSSSSNGSTSK	AGAP002782-PA	N4(Deamidated), N18(Deamidated),N18(Deamidated)	168	1.12E-16	1	2043.871	0.4	Head	2R:+:27077725-27077793	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_54407	KTASEADNAATHNTST	AGAP002782-PA	-	78	1.78E-07	1	1618.732	1.28	Ovary	2R:+:27077887-27077934	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_59404	TPIEDVKR	AGAP002782-PA	-	53	5.30E-05	1	957.540	3.89	Ovary	2R:+:27077574-27077576,27077656-27077676	exon=> In CDS Exon 2 and 3 of transcript AGAP002782-PA
JHU_Ag_69704	ALEIYQK	AGAP002782-PA	-	42	0.000748831	1	864.484	1.45	Ovary	2R:+:27077307-27077327	exon=> In CDS Exon 2 of transcript AGAP002782-PA
JHU_Ag_76150	LAAKPATDISHLIKR	AGAP002782-PA	-	95	3.70E-10	1	1633.975	-0.18	Ovary	2R:+:27077794-27077838	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_83238	GYENLPECYTELAGISFENSFFK	AGAP002782-PA	C8(Carbamidomethyl)	125	3.41E-12	1	2715.238	3.65	Ovary	2R:+:27077118-27077186	exon=> In CDS Exon 1 of transcript AGAP002782-PA
JHU_Ag_83469	SLIALGK	AGAP002782-PA	-	36	0.001660879	1	701.459	4.75	Ovary	2R:+:27076596-27076616	exon=> In CDS Exon 1 of transcript AGAP002782-PA
JHU_Ag_84974	IADVEEAMK	AGAP002782-PA	M8(Oxidation)	46	0.000459642	2	1021.491	3.83	Ovary	2R:+:27077547-27077573	exon=> In CDS Exon 2 of transcript AGAP002782-PA
JHU_Ag_85228	KKPDSASMEVEGSPAK	AGAP002782-PA	M8(Oxidation)	99	2.10E-09	1	1676.823	3.86	Ovary	2R:+:27077839-27077886	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_92617	EAIKDYVK	AGAP002782-PA	-	47	0.000189841	2	965.534	3.6	Ovary	2R:+:27077187-27077205,27077302-27077306	exon=> In CDS Exon 1 and 2 of transcript AGAP002782-PA
JHU_Ag_95078	LAAKPATDISHLIK	AGAP002782-PA	-	71	9.40E-08	1	1477.876	1.81	Male reproductive organs	2R:+:27077794-27077835	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_101199	IIVSGEVDTNGKDLNNGAGTSSAGGSSSNGSTSK	AGAP002782-PA	N10(Deamidated), N15(Deamidated),N15(Deamidated),N10(Deamidated),"N10(Deamidated), N16(Deamidated)",N16(Deamidated),N30(Deamidated),"N16(Deamidated), N30(Deamidated)"	147	2.00E-14	1	3255.526	1.52	Ovary	2R:+:27077689-27077793	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_103055	IIVSGEVDTNGK	AGAP002782-PA	N10(Deamidated)	91	1.27E-08	1	1231.658	4.33	Ovary	2R:+:27077689-27077724	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_104862	QEILEK	AGAP002782-PA	Q1(Deamidated)	42	0.001442286	2	760.410	1.51	Ovary	2R:+:27077529-27077546	exon=> In CDS Exon 2 of transcript AGAP002782-PA
JHU_Ag_110687	TASEADNAATHNTST	AGAP002782-PA	-	92	3.70E-09	1	1490.642	4.42	Ovary	2R:+:27077890-27077934	exon=> In CDS Exon 3 of transcript AGAP002782-PA
JHU_Ag_55779	LIESANLQDGTGGTK	AGAP002783-PA	-	36	0.004472489	2	1503.768	1.75	Head	2R:-:27185927-27185883	exon=> In CDS Exon 1 of transcript AGAP002783-PA

JHU_Ag_96884	ILAIFPVPLK	AGAP002783-PA	-	26	0.000731343	2	1110.733	4.04	Head	2R:-:27186227-27186198	exon=> In CDS Exon 1 of transcript AGAP002783-PA
JHU_Ag_115796	NIFDVMRTISAAELR	AGAP002783-PA	N1(Deamidated), M6(Oxidation)	43	0.000762913	1	1752.892	-1.57	Head	2R:-:27185990-27185946	exon=> In CDS Exon 1 of transcript AGAP002783-PA
JHU_Ag_5172	KFATIGYNFVYGVKPGDK	AGAP002788-PA	-	74	3.26E-07	1	2004.057	-1.04	Male reproductive organs	2R:-:27238117-27238064	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_10003	FATIGYNFVYGVKPGDK	AGAP002788-PA	-	107	3.26E-10	1	1875.971	3.78	Head	2R:-:27238114-27238064	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_22622	NESTGPASMLEEGFR	AGAP002788-PA	M9(Oxidation)	65	2.46E-06	2	1640.724	0.85	Male reproductive organs	2R:-:27238536-27238492	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_23846	FINDYLHQEDNTMPR	AGAP002788-PA	M13(Oxidation)	104	3.20E-10	1	1908.856	0.63	Visceras	2R:-:27238395-27238728,27237959-27238283	exon=> In CDS Exon 2 and 1 of transcript AGAP002788-PA
JHU_Ag_26422	SAYDAVFSEK	AGAP002788-PA	-	34	0.003314993	1	1116.521	0.05	Midgut	2R:-:27237994-27237965	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_27960	SAYDAVFSEK	AGAP002788-PA	-	67	1.61E-06	1	1116.522	1.03	Visceras	2R:-:27237994-27237965	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_30799	SAVAEEPNKMVCRPSELPLYRPLNQK	AGAP002788-PA	C12(Carbamidomethyl),"M10(Oxidation), C12(Carbamidomethyl)"	63	5.04E-06	1	3026.562	2.15	Malpighian tubule	2R:-:27238641-27238564	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_32181	QIVDLFEEGKK	AGAP002788-PA	-	44	0.000466854	1	1305.706	0.5	Malpighian tubule	2R:-:27238437-27238405	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_35831	RNESTGPASMLEEGFR	AGAP002788-PA	M10(Oxidation)	85	5.00E-08	1	1780.823	-2.83	Head	2R:-:27238539-27238492	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_38800	VGAIAIGGLAGLIFGLR	AGAP002788-PA	-	116	1.82E-12	1	1597.980	0.69	Ovary	2R:-:27238282-27238232	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_43324	MVCRPSELPLYRPLNQK	AGAP002788-PA	M1(Oxidation), C3(Carbamidomethyl),C3(Carbamidomethyl)	75	3.57E-07	1	2117.100	0.06	Head	2R:-:27238614-27238564	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_45534	NESTGPASMLEEGFR	AGAP002788-PA	M9(Oxidation)	59	1.16E-05	2	1640.731	5.16	Malpighian tubule	2R:-:27238536-27238492	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_55270	SAYDAVFSEK	AGAP002788-PA	-	56	2.23E-05	1	1116.521	0.27	Head	2R:-:27237994-27237965	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_58504	MVCRPSELPLYRPLNQK	AGAP002788-PA	M1(Oxidation), C3(Carbamidomethyl),C3(Carbamidomethyl)	74	5.36E-07	1	2117.092	-3.47	Midgut	2R:-:27238614-27238564	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_64431	FINDYLHQEDNTMPR	AGAP002788-PA	M13(Oxidation)	69	1.04E-06	1	1908.852	-1.42	Midgut	2R:-:27238395-27238728,27237959-27238283	exon=> In CDS Exon 2 and 1 of transcript AGAP002788-PA
JHU_Ag_64699	SAYDAVFSEKK	AGAP002788-PA	-	71	9.63E-07	1	1244.618	2.14	Malpighian tubule	2R:-:27237994-27237962	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_67274	NESTGPASMLEEGFR	AGAP002788-PA	M9(Oxidation)	81	5.86E-08	2	1624.727	-0.24	Head	2R:-:27238536-27238492	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_67512	MVCRPSELPLYRPLNQK	AGAP002788-PA	M1(Oxidation), C3(Carbamidomethyl),C3(Carbamidomethyl)	57	2.61E-05	1	2117.100	0.06	Visceras	2R:-:27238614-27238564	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_67808	IACECHQR	AGAP002788-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	53	1.93E-05	1	1073.461	-0.18	Male reproductive organs	2R:-:27238563-27238540	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_70732	RNESTGPASMLEEGFR	AGAP002788-PA	-	73	9.22E-07	1	1780.827	-0.87	Visceras	2R:-:27238539-27238492	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_74950	FINDYLHQEDNTMPR	AGAP002788-PA	M13(Oxidation)	82	5.58E-08	1	1908.856	0.94	Male reproductive organs	2R:-:27238395-27238728,27237959-27238283	exon=> In CDS Exon 2 and 1 of transcript AGAP002788-PA
JHU_Ag_75896	SAYDAVFSEK	AGAP002788-PA	-	46	0.000244077	2	1116.523	1.73	Malpighian tubule	2R:-:27237994-27237965	exon=> In CDS Exon 2 of transcript AGAP002788-PA

JHU_Ag_81245	VGAIAIGGLAGLIFGLR	AGAP002788-PA	-	142	4.01E-15	1	1597.983	2.44	Midgut	2R:-:27238282-27238232	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_82133	IACECHQR	AGAP002788-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	53	2.09E-05	1	1073.463	1.07	Visceras	2R:-:27238563-27238540	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_85790	IACECHQR	AGAP002788-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	53	2.14E-05	1	1073.461	-0.64	Head	2R:-:27238563-27238540	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_87557	SAYDAVFSEKK	AGAP002788-PA	-	76	3.13E-07	1	1244.616	0.18	Male reproductive organs	2R:-:27237994-27237962	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_88884	FINDYLHQEDNTMPR	AGAP002788-PA	M13(Oxidation)	94	3.39E-09	1	1908.857	1.27	Head	2R:-:27238395-27238728,27237959-27238283	exon=> In CDS Exon 2 and 1 of transcript AGAP002788-PA
JHU_Ag_89028	KFATIGYNFVYGVKPGDK	AGAP002788-PA	-	117	1.93E-11	1	2004.060	0.7	Visceras	2R:-:27238117-27238064	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_91836	SAVAEEPNK	AGAP002788-PA	-	51	6.06E-05	2	944.469	0.23	Visceras	2R:-:27238641-27238615	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_91952	IACECHQR	AGAP002788-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	44	0.000192 51	2	1073.466	4.36	Malpighian tubule	2R:-:27238563-27238540	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_92781	SAYDAVFSEK	AGAP002788-PA	-	53	4.31E-05	1	1116.519	-1.7	Male reproductive organs	2R:-:27237994-27237965	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_93895	KFATIGYNFVYGVKPGDK	AGAP002788-PA	-	63	4.44E-06	1	2004.057	-1.04	Midgut	2R:-:27238117-27238064	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_100599	VGAIAIGGLAGLIFGLR	AGAP002788-PA	-	104	2.89E-11	1	1597.981	1.22	Head	2R:-:27238282-27238232	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_102371	NESTGPASMLEEGFR	AGAP002788-PA	M9(Oxidation)	70	7.48E-07	1	1640.727	2.86	Visceras	2R:-:27238536-27238492	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_104697	VGAIAIGGLAGLIFGLR	AGAP002788-PA	-	133	2.94E-14	1	1597.986	4.43	Visceras	2R:-:27238282-27238232	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_105744	FATIGYNFVYGVKPGDK	AGAP002788-PA	-	68	2.36E-06	1	1875.969	2.41	Midgut	2R:-:27238114-27238064	exon=> In CDS Exon 2 of transcript AGAP002788-PA
JHU_Ag_109053	FINDYLHQEDNTMPR	AGAP002788-PA	M13(Oxidation)	115	3.27E-11	1	1892.862	1.2	Malpighian tubule	2R:-:27238395-27238728,27237959-27238283	exon=> In CDS Exon 2 and 1 of transcript AGAP002788-PA
JHU_Ag_116220	NESTGPASMLEEGFR	AGAP002788-PA	M9(Oxidation)	93	3.39E-09	1	1640.719	-1.83	Midgut	2R:-:27238536-27238492	exon=> In CDS Exon 1 of transcript AGAP002788-PA
JHU_Ag_70401	YHLVELLAIKK	AGAP002793-PA	-	31	0.002138 74	3	1326.799	-11.6	Malpighian tubule	2R:+:27627077-27627109	exon=> In CDS Exon 18 of transcript AGAP002793-PA
JHU_Ag_3643	LQENDSAEASFQVDYVR	AGAP002796-PA	-	150	1.16E-14	1	1970.917	4.21	Larva	2R:-:27635886-27635836	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_16092	SDWLPTWK	AGAP002796-PA	-	44	0.000671 423	1	1032.519	4.25	Larva	2R:-:27635910-27635887	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_27269	SAFCPGDLIFEDNFDR	AGAP002796-PA	C4(Carbamidomethyl)	110	8.42E-11	1	1902.842	4.95	Larva	2R:-:27637015-27636968	exon=> In CDS Exon 1 of transcript AGAP002796-PA
JHU_Ag_31396	IPTGDWLWPALWLMPK	AGAP002796-PA	M14(Oxidation)	96	2.50E-09	1	1940.025	5.83	Larva	2R:-:27636477-27636430	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_31418	GNLDYSVNGNQLGVEHVGTTLHFGPQWDLNGYEMATAVK	AGAP002796-PA	N8(Deamidated), Q26(Deamidated), M34(Oxidation),"N30(Deamidated), M34(Oxidation)","N8(Deamidated), N30(Deamidated), M34(Oxidation)","N8(Deamidated), M34(Oxidation)",M34(Oxidation)	149	1.10E-14	1	4249.011	4.26	Larva	2R:-:27636372-27636256	exon=> In CDS Exon 3 of transcript AGAP002796-PA

JHU_Ag_35805	RPGVQNPWVTGGK	AGAP002796-PA	-	70	1.08E-06	1	1395.752	1.9	Larva	2R:-:27636108-27636070	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_61623	YGKVEIR	AGAP002796-PA	-	36	0.00186505	2	864.497	3.61	Larva	2R:-:27636504-27636484	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_64232	SAFCPGDLIFEDNFDRLDLER	AGAP002796-PA	C4(Carbamidomethyl)	89	1.47E-08	1	2529.186	5.7	Larva	2R:-:27637015-27636953	exon=> In CDS Exon 1 of transcript AGAP002796-PA
JHU_Ag_65663	QGSPTNYLNPIK	AGAP002796-PA	N6(Deamidated)	67	3.94E-06	1	1331.700	3.43	Larva	2R:-:27636579-27636544	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_77033	AKIPTGDWLWPALWLMPK	AGAP002796-PA	M16(Oxidation)	68	8.96E-07	1	2139.159	5.99	Larva	2R:-:27636483-27636430	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_82987	ASVTTASGTLVK	AGAP002796-PA	-	88	1.37E-08	1	1134.639	2.25	Larva	2R:-:27637054-27637019	exon=> In CDS Exon 1 of transcript AGAP002796-PA
JHU_Ag_99088	FSVDDEQVMQVEGNFWELGR	AGAP002796-PA	M9(Oxidation)	143	5.84E-14	1	2401.091	6.03	Larva	2R:-:27636180-27636121	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_102139	ASVTTASGTLVKR	AGAP002796-PA	-	44	0.00020829	1	1290.740	2.1	Larva	2R:-:27637054-27637016	exon=> In CDS Exon 1 of transcript AGAP002796-PA
JHU_Ag_107433	INQYGTWPSSGEIDLMESR	AGAP002796-PA	M16(Oxidation),"Q3(Deamidated), M16(Oxidation)","N2(Deamidated), M16(Oxidation)"	133	5.23E-13	1	2199.008	2.5	Larva	2R:-:27636429-27636373	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_111057	TVNSFNFR	AGAP002796-PA	N3(Deamidated)	55	2.91E-05	1	984.493	3.23	Larva	2R:-:27636528-27636505	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_117382	YQLEWTPEFMR	AGAP002796-PA	M10(Oxidation)	69	1.17E-06	1	1515.703	5.82	Larva	2R:-:27636213-27636181	exon=> In CDS Exon 3 of transcript AGAP002796-PA
JHU_Ag_46698	TVNSFNFK	AGAP002798-PA	-	38	0.001175812	1	956.489	5.11	Larva	2R:-:27646605-27646582	exon=> In CDS Exon 2 of transcript AGAP002798-PA
JHU_Ag_65227	TGSPTNLINPIK	AGAP002798-PA	-	51	4.09E-05	2	1254.709	2.79	Larva	2R:-:27646656-27646621	exon=> In CDS Exon 2 of transcript AGAP002798-PA
JHU_Ag_114158	TGTATNLINPIK	AGAP002799-PA	-	61	6.94E-06	2	1242.710	4	Larva	2R:-:27651631-27651596	exon=> In CDS Exon 2 of transcript AGAP002799-PA
JHU_Ag_10514	GKPWSNNSPTAAR	AGAP002799-PA,AGAP002798-PA	-	36	0.003641948	1	1385.693	0.94	Pupa	2R:-:27651010-27650972;2R:-:27646035-27645997	exon=> In CDS Exon 2 of transcript AGAP002799-PA;exon=> In CDS Exon 2 of transcript AGAP002798-PA
JHU_Ag_10964	GKPWSNNSPTAAR	AGAP002799-PA,AGAP002798-PA	-	69	1.66E-06	1	1385.696	2.97	Larva	2R:-:27651010-27650972;2R:-:27646035-27645997	exon=> In CDS Exon 2 of transcript AGAP002799-PA;exon=> In CDS Exon 2 of transcript AGAP002798-PA
JHU_Ag_17561	GKDSSLQIDYVR	AGAP002799-PA,AGAP002798-PA	-	76	3.46E-07	1	1380.717	3.99	Larva	2R:-:27650914-27650879;2R:-:27645939-27645904	exon=> In CDS Exon 2 of transcript AGAP002799-PA;exon=> In CDS Exon 2 of transcript AGAP002798-PA
JHU_Ag_23425	NTAAGQGWNTGFHNYQLTWTPDYIR	AGAP002799-PA,AGAP002798-PA	-	161	1.20E-15	1	2911.366	3.97	Larva	2R:-:27651304-27651230;2R:-:27646329-27646255	exon=> In CDS Exon 2 of transcript AGAP002799-PA;exon=> In CDS Exon 2 of transcript AGAP002798-PA
JHU_Ag_66570	RQVYGTWPASGEIDLLESR	AGAP002799-PA,AGAP002798-PA	-	96	3.16E-09	1	2177.111	5.75	Larva	2R:-:27651481-27651425;2R:-:27646506-27646450	exon=> In CDS Exon 2 of transcript AGAP002799-PA;exon=> In CDS Exon 2 of transcript AGAP002798-PA
JHU_Ag_107579	GNFGNIAPGTENPWIHGTR	AGAP002799-PA,AGAP002798-PA	-	104	7.12E-10	1	2037.996	3.42	Larva	2R:-:27651169-27651113;2R:-:27646194-27646138	exon=> In CDS Exon 2 of transcript AGAP002799-PA;exon=> In CDS Exon 2 of transcript AGAP002798-PA

JHU_Ag_16460	AVFTTGGTGFAPR	AGAP002800-PA	-	36	0.003348635	2	1281.658	-0.34	Midgut	2R:+:27653473-27653511	exon=> In CDS Exon 3 of transcript AGAP002800-PA
JHU_Ag_28964	AVFTTGGTGFAPR	AGAP002800-PA	-	73	7.56E-07	2	1281.660	0.81	Ovary	2R:+:27653473-27653511	exon=> In CDS Exon 3 of transcript AGAP002800-PA
JHU_Ag_44579	QYLATLNETAPNAAK	AGAP002800-PA	-	71	1.47E-06	1	1604.825	-1.52	Midgut	2R:+:27654877-27654921	exon=> In CDS Exon 4 of transcript AGAP002800-PA
JHU_Ag_66179	LLASITGGQISSR	AGAP002800-PA	-	66	2.19E-06	2	1302.738	0.52	Ovary	2R:+:27655092-27655130	exon=> In CDS Exon 5 of transcript AGAP002800-PA
JHU_Ag_86930	AVFTTGGTGFAPR	AGAP002800-PA	-	74	5.88E-07	1	1281.664	4.24	Malpighian tubule	2R:+:27653473-27653511	exon=> In CDS Exon 3 of transcript AGAP002800-PA
JHU_Ag_88957	TDTVNYLLIPDEEDLIK	AGAP002800-PA	-	46	0.000325314	1	1991.024	1.23	Midgut	2R:+:27653301-27653351	exon=> In CDS Exon 2 of transcript AGAP002800-PA
JHU_Ag_79906	AIITK	AGAP002800-PA,AGAP007852-PB	-	29	0.003970288	1	545.366	-0.39	Visceras	2R:+:27653536-27653550;3R:-:2122906-2122892	exon=> In CDS Exon 3 of transcript AGAP002800-PA;exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_81535	AIITK	AGAP002800-PA,AGAP007852-PB	-	36	0.000829511	1	545.367	1.96	Malpighian tubule	2R:+:27653536-27653550;3R:-:2122906-2122892	exon=> In CDS Exon 3 of transcript AGAP002800-PA;exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_39015	GYQESEILR	AGAP002801-PA	-	47	0.000313523	2	1094.544	-3.05	Male reproductive organs	2R:+:27657384-27657410	exon=> In CDS Exon 3 of transcript AGAP002801-PA
JHU_Ag_97451	LSQVIR	AGAP002801-PA	Q3(Deamidated)	40	0.001677418	2	716.432	2.58	Malpighian tubule	2R:+:27656759-27656776	exon=> In CDS Exon 2 of transcript AGAP002801-PA
JHU_Ag_4724	KPVGHSLLLTCRPEVPDTNLISDLR	AGAP002802-PA	C11(Carbamidomethyl)	55	1.37E-05	1	2830.534	3.3	Head	2R:+:27742285-27742359	exon=> In CDS Exon 1 of transcript AGAP002802-PA
JHU_Ag_6069	LATTDDGLYECIAR	AGAP002802-PA	C11(Carbamidomethyl)	95	4.04E-09	1	1597.752	-0.22	Head	2R:+:27747186-27747227	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_9215	LATTDDGLYECIAR	AGAP002802-PA	C11(Carbamidomethyl)	101	1.02E-09	1	1597.752	-0.45	Pupa	2R:+:27747186-27747227	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_14281	VGHITVEYRPIFDHLK	AGAP002802-PA	-	62	4.39E-06	1	1924.045	0.48	Pupa	2R:+:27747252-27747299	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_15532	VGHITVEYRPIFDHLK	AGAP002802-PA	-	67	1.13E-06	1	1924.050	3.15	Ovary	2R:+:27747252-27747299	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_21301	LATTDDGLYECIAR	AGAP002802-PA	C11(Carbamidomethyl)	94	4.56E-09	2	1597.753	-0.07	Ovary	2R:+:27747186-27747227	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_21517	VGHITVEYRPIFDHLK	AGAP002802-PA	-	70	6.95E-07	1	1924.048	2.01	Midgut	2R:+:27747252-27747299	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_26406	TWSPDSPYIVEGLRPQTAYSFR	AGAP002802-PA	-	54	5.56E-05	1	2570.272	1.73	Ovary	2R:+:27747729-27747794	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_28103	LNVLIRPK	AGAP002802-PA	-	45	2.28E-05	2	952.632	1.38	Malpighian tubule	2R:+:27746946-27746969	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_31428	ILHTPIQDEEEDSDPIVTSPYADHFDMR	AGAP002802-PA	M27(Oxidation)	134	3.51E-13	1	3286.483	-0.45	Head	2R:+:27747885-27747968	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_34899	VEVQIMPQVQR	AGAP002802-PA	M6(Oxidation)	56	2.45E-05	2	1326.718	-1.29	Midgut	2R:+:27746511-27746543	exon=> In CDS Exon 4 of transcript AGAP002802-PA
JHU_Ag_41428	IILEQSTDDEKGETVGTLR	AGAP002802-PA	-	53	6.15E-05	1	2104.077	0.21	Pupa	2R:+:27747120-27747176	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_43605	LGSAEHIMELR	AGAP002802-PA	M8(Oxidation)	85	4.33E-08	1	1271.644	1.8	Head	2R:+:27747525-27747557	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_47481	CEVTANPPATVDWLR	AGAP002802-PA	C1(Carbamidomethyl)	70	1.39E-06	2	1728.835	-1.49	Head	2R:+:27746219-27746263	exon=> In CDS Exon 3 of transcript AGAP002802-PA
JHU_Ag_47546	AFGRPAPEITFR	AGAP002802-PA	-	34	0.005228389	1	1361.732	-0.25	Ovary	2R:+:27747030-27747065	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_48972	NVVGLSQWGAYVDQSTPR	AGAP002802-PA	-	111	1.26E-10	2	1976.985	1.38	Head	2R:+:27747807-27747860	exon=> In CDS Exon 5 of transcript AGAP002802-PA

JHU_Ag_49728	LNVLIRPK	AGAP002802-PA	-	40	7.31E-05	2	952.631	1	Midgut	2R:+:27746946-27746969	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_50452	NVVGLSQWGAYVDQSTPR	AGAP002802-PA	-	100	1.44E-09	2	1976.991	4.47	Malpighian tubule	2R:+:27747807-27747860	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_52399	LATTDDGLYECIAR	AGAP002802-PA	C11(Carbamidomethyl)	87	2.41E-08	2	1597.754	1	Midgut	2R:+:27747186-27747227	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_53417	LATTDDGLYECIAR	AGAP002802-PA	C11(Carbamidomethyl)	101	1.00E-09	2	1597.760	4.67	Malpighian tubule	2R:+:27747186-27747227	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_60424	IILEQSTDDEKGETVGTLR	AGAP002802-PA	-	93	6.13E-09	1	2104.076	-0.57	Midgut	2R:+:27747120-27747176	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_61172	IQDLYDQNLR	AGAP002802-PA	-	42	0.001118018	1	1277.649	0.58	Ovary	2R:+:27747405-27747434	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_65144	TWSPDSPYIVEGLRPQTAYSFR	AGAP002802-PA	-	81	1.23E-07	1	2570.270	1.16	Head	2R:+:27747729-27747794	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_79007	KPVGHSLLLTCRPEVPDTNLISDLR	AGAP002802-PA	C11(Carbamidomethyl)	86	8.91E-09	1	2830.535	3.73	Ovary	2R:+:27742285-27742359	exon=> In CDS Exon 1 of transcript AGAP002802-PA
JHU_Ag_83224	DAPTDQRPLMGTDYIVR	AGAP002802-PA	M10(Oxidation)	58	2.76E-05	1	1963.959	2.4	Head	2R:+:27746168-27746218	exon=> In CDS Exon 3 of transcript AGAP002802-PA
JHU_Ag_86665	IQDLYDQNLR	AGAP002802-PA	-	49	0.000224032	2	1277.648	-0.47	Head	2R:+:27747405-27747434	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_87853	FSVNSITGQLDISTVEQQDHDNYACIAR	AGAP002802-PA	C25(Carbamidomethyl)	41	0.00084081	1	3181.502	5.21	Head	2R:+:27746829-27746912	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_87947	IILEQSTDDEKGETVGTLR	AGAP002802-PA	-	100	1.24E-09	1	2104.085	3.96	Head	2R:+:27747120-27747176	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_89544	IILEQSTDDEK	AGAP002802-PA	-	74	7.80E-07	1	1290.643	0.83	Head	2R:+:27747120-27747152	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_92185	SLQADTYYR	AGAP002802-PA	-	50	0.000106816	2	1116.534	1.75	Ovary	2R:+:27748210-27748236	exon=> In CDS Exon 6 of transcript AGAP002802-PA
JHU_Ag_92328	LATTDDGLYECIAR	AGAP002802-PA	C11(Carbamidomethyl)	51	9.90E-05	2	1597.749	-2.51	Male reproductive organs	2R:+:27747186-27747227	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_97756	AFGRPAPEITFR	AGAP002802-PA	-	44	0.000476959	1	1361.734	0.77	Head	2R:+:27747030-27747065	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_98938	NVVGLSQWGAYVDQSTPR	AGAP002802-PA	-	51	0.000111668	2	1976.983	0.09	Midgut	2R:+:27747807-27747860	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_102936	LGSAEHIMELR	AGAP002802-PA	M8(Oxidation)	64	6.04E-06	1	1271.641	-0.22	Midgut	2R:+:27747525-27747557	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_113660	NVVGLSQWGAYVDQSTPR	AGAP002802-PA	-	117	2.77E-11	1	1976.984	0.64	Ovary	2R:+:27747807-27747860	exon=> In CDS Exon 5 of transcript AGAP002802-PA
JHU_Ag_116836	LKILPASSVQR	AGAP002802-PA	-	40	0.000175166	1	1211.750	2.64	Malpighian tubule	2R:+:27742252-27742284	exon=> In CDS Exon 1 of transcript AGAP002802-PA
JHU_Ag_80372	GQDVIGLIDFTTDR	AGAP002804-PA	-	72	1.02E-06	2	1549.797	7.53	Larva	2R:-:27809925-27810066,27809536-27809809	exon=> In CDS Exon 2 and 1 of transcript AGAP002804-PA
JHU_Ag_3488	ILVVDLLK	AGAP002805-PA	-	30	0.000393604	1	912.614	1.56	Ovary	2R:-:27848805-27848782	exon=> In CDS Exon 2 of transcript AGAP002805-PA
JHU_Ag_24565	NKFMQQQVK	AGAP002805-PA	Q5(Deamidated), Q6(Deamidated)	38	0.002412761	1	1152.558	-12.08	Larva	2R:-:27847851-27847825	exon=> In CDS Exon 4 of transcript AGAP002805-PA
JHU_Ag_73411	ALSDVLRVDIPNDIK	AGAP002805-PA	N12(Deamidated)	33	0.001933994	1	1668.936	11.28	Salivary gland	2R:-:27847932-27847888	exon=> In CDS Exon 4 of transcript AGAP002805-PA
JHU_Ag_86162	ELAEEQEARK	AGAP002805-PA	Q6(Deamidated)	40	0.001620917	1	1203.601	12.79	Malpighian tubule	2R:-:27847497-27847468	exon=> In CDS Exon 4 of transcript AGAP002805-PA
JHU_Ag_3114	ELESYVASCLR	AGAP002807-PB,AGAP002807-PA	C9(Carbamidomethyl)	50	0.000133882	2	1326.634	-1.08	Ovary	2R:-:27867240-27867208;2R:-:27867240-27867208	exon=> In CDS Exon 3 of transcript AGAP002807-PB;exon=> In CDS Exon 3 of transcript AGAP002807-PA

JHU_Ag_41142	AGGVAGGAASNAPAKR	AGAP002807-PB,AGAP002807-PA	-	86	2.74E-08	1	1354.721	2.07	Malpighian tubule	2R:-:27867719-27867672;2R:-:27867719-27867672	exon=> In CDS Exon 2 of transcript AGAP002807-PB;exon=> In CDS Exon 2 of transcript AGAP002807-PA
JHU_Ag_59197	LTNQLHFLLR	AGAP002807-PB,AGAP002807-PA	-	50	3.55E-05	1	1254.733	0.76	Head	2R:-:27869798-27869769;2R:-:27869798-27869769	exon=> In CDS Exon 1 of transcript AGAP002807-PB;exon=> In CDS Exon 1 of transcript AGAP002807-PA
JHU_Ag_79279	DETEMEVQQPK	AGAP002807-PB,AGAP002807-PA	-	83	4.58E-08	2	1333.595	0.88	Head	2R:-:27869474-27869442;2R:-:27869474-27869442	exon=> In CDS Exon 1 of transcript AGAP002807-PB;exon=> In CDS Exon 1 of transcript AGAP002807-PA
JHU_Ag_47768	VGQVFELLNCDDHINILR	AGAP002808-PA	C10(Carbamidomethyl)	73	6.48E-07	1	2155.099	1.13	Ovary	2R:-:27877684-27877631	exon=> In CDS Exon 2 of transcript AGAP002808-PA
JHU_Ag_93323	AGLLQVFVK	AGAP002808-PA	-	75	4.01E-08	1	974.604	0.5	Ovary	2R:-:27877546-27877520	exon=> In CDS Exon 2 of transcript AGAP002808-PA
JHU_Ag_100905	NVLIEIDPQTR	AGAP002808-PA	-	35	0.002776505	2	1297.709	-1.97	Ovary	2R:-:27877510-27877478	exon=> In CDS Exon 2 of transcript AGAP002808-PA
JHU_Ag_11400	ATAFALIAAK	AGAP002809-PA	-	62	2.11E-06	1	976.584	1.16	Malpighian tubule	2R:+:27878628-27878657	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_12222	GAPIYGEILGYGLSGDASHLTAPR	AGAP002809-PA	-	95	3.86E-09	1	2415.229	-0.72	Midgut	2R:+:27879168-27879239	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_24165	DGFVMGEGSAIFVLEELQHALR	AGAP002809-PA	M5(Oxidation)	57	3.33E-05	1	2434.206	-0.4	Ovary	2R:+:27879099-27879164	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_24485	GAPIYGEILGYGLSGDASHLTAPR	AGAP002809-PA	-	37	0.002259907	1	2415.234	1.48	Malpighian tubule	2R:+:27879168-27879239	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_56122	ALSTAFNDEPTASSRPFDERR	AGAP002809-PA	-	50	0.000168375	1	2367.142	4.2	Ovary	2R:+:27879036-27879098	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_74610	ATAFALIAAK	AGAP002809-PA	-	49	4.73E-05	2	976.584	1.16	Midgut	2R:+:27878628-27878657	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_80212	GAPIYGEILGYGLSGDASHLTAPR	AGAP002809-PA	-	67	2.33E-06	1	2415.239	3.53	Ovary	2R:+:27879168-27879239	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_84042	ALSTAFNDEPTASSRPFDER	AGAP002809-PA	-	81	1.07E-07	1	2211.035	1.7	Malpighian tubule	2R:+:27879036-27879095	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_90733	ATAFALIAAK	AGAP002809-PA	-	62	2.70E-06	2	976.583	0.04	Ovary	2R:+:27878628-27878657	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_90757	GPNHAVSTACATGAHAIGDAFR	AGAP002809-PA	C10(Carbamidomethyl)	79	1.85E-07	1	2181.023	-1.38	Midgut	2R:+:27878877-27878942	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_97647	ALSTAFNDEPTASSRPFDER	AGAP002809-PA	-	62	8.65E-06	1	2211.035	1.53	Head	2R:+:27879036-27879095	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_98433	ALADGGVTVADIGYVNAHATSTPIGDAIEAR	AGAP002809-PA	-	129	1.55E-12	1	3025.527	1.58	Malpighian tubule	2R:+:27879276-27879368	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_99703	ALADGGVTVADIGYVNAHATSTPIGDAIEAR	AGAP002809-PA	-	98	1.70E-09	1	3025.522	-0.24	Head	2R:+:27879276-27879368	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_110747	GAPIYGEILGYGLSGDASHLTAPR	AGAP002809-PA	-	69	1.45E-06	1	2415.238	3.23	Head	2R:+:27879168-27879239	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_113963	DGFVMGEGSAIFVLEELQHALR	AGAP002809-PA	M5(Oxidation)	61	1.10E-05	1	2434.210	1.02	Malpighian tubule	2R:+:27879099-27879164	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_115007	ILPNMPAGQLSIR	AGAP002809-PA	M5(Oxidation)	54	2.91E-05	1	1425.791	1.92	Malpighian tubule	2R:+:27878826-27878864	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_116650	VAATIDTNDIDLEK	AGAP002809-PA	-	50	0.000160847	2	1517.776	4.21	Salivary gland	2R:+:27878550-27878591	exon=> In CDS Exon 1 of transcript AGAP002809-PA
JHU_Ag_3569	INVDQAFHELVR	AGAP002812-PA	-	99	1.16E-09	1	1440.762	2.03	Visceras	2R:-:27887531-27887496	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_4417	YNQTHAGYAQTFK	AGAP002812-PA	-	86	3.31E-08	1	1528.712	-3.67	Head	2R:-:27889729-27889691	exon=> In CDS Exon 1 of transcript AGAP002812-PA

JHU_Ag_13661	LDILDTAGQEEFSAMR	AGAP002812-PA	M15(Oxidation)	61	1.02E-05	2	1811.852	2.27	Male reproductive organs	2R:-:27887907-27887988,27887409-27887778	exon=> In CDS Exon 3 and 2 of transcript AGAP002812-PA
JHU_Ag_21485	INVDQAFHELVR	AGAP002812-PA	-	88	1.36E-08	1	1440.767	5.08	Midgut	2R:-:27887531-27887496	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_28298	LDILDTAGQEEFSAMR	AGAP002812-PA	-	106	4.17E-10	2	1795.862	4.97	Head	2R:-:27887907-27887988,27887409-27887778	exon=> In CDS Exon 3 and 2 of transcript AGAP002812-PA
JHU_Ag_34339	INVDQAFHELVR	AGAP002812-PA	-	99	1.19E-09	1	1440.763	2.2	Head	2R:-:27887531-27887496	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_39528	INVDQAFHELVR	AGAP002812-PA	-	82	7.48E-08	1	1440.758	-1.02	Malpighian tubule	2R:-:27887531-27887496	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_41150	INVDQAFHELVR	AGAP002812-PA	-	75	3.47E-07	2	1440.765	3.72	Ovary	2R:-:27887531-27887496	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_41631	VVSLEEAQQLSR	AGAP002812-PA	-	86	3.09E-08	2	1358.728	0.35	Head	2R:-:27887609-27887574	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_42616	KFQLSERPLVDEK	AGAP002812-PA	-	84	3.79E-08	1	1588.870	0.32	Male reproductive organs	2R:-:27887486-27887448	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_54794	SDLDHQR	AGAP002812-PA	-	41	0.000523783	2	870.406	-0.32	Male reproductive organs	2R:-:27887630-27887610	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_56105	FQLSERPLVDEK	AGAP002812-PA	-	57	2.35E-05	2	1460.782	5.11	Male reproductive organs	2R:-:27887483-27887448	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_68356	VVSLEEAQQLSR	AGAP002812-PA	-	60	1.17E-05	2	1358.733	4.39	Malpighian tubule	2R:-:27887609-27887574	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_71691	FQLSERPLVDEK	AGAP002812-PA	-	53	8.04E-05	1	1460.775	0.43	Head	2R:-:27887483-27887448	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_81737	VVSLEEAQQLSR	AGAP002812-PA	-	95	3.92E-09	2	1358.729	1.07	Visceras	2R:-:27887609-27887574	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_91633	INVDQAFHELVR	AGAP002812-PA	-	91	9.08E-09	1	1440.760	0.51	Male reproductive organs	2R:-:27887531-27887496	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_109468	LVVVGGGGVGK	AGAP002812-PA	-	36	0.001036309	1	941.578	0.47	Male reproductive organs	2R:-:27889690-27889658	exon=> In CDS Exon 1 of transcript AGAP002812-PA
JHU_Ag_110751	VVSLEEAQQLSR	AGAP002812-PA	-	94	5.29E-09	1	1358.728	0.44	Midgut	2R:-:27887609-27887574	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_115033	VVSLEEAQQLSR	AGAP002812-PA	-	66	2.82E-06	1	1358.731	2.23	Salivary gland	2R:-:27887609-27887574	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_117552	LRINVDQAFHELVR	AGAP002812-PA	-	84	2.36E-08	1	1709.949	2.27	Malpighian tubule	2R:-:27887537-27887496	exon=> In CDS Exon 3 of transcript AGAP002812-PA
JHU_Ag_21031	NFIGYTPFVAGWGR	AGAP002813-PA	-	61	1.32E-05	1	1584.799	1.99	Pupa	2R:+:27900563-27900604	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_28481	VASFVDWIQQK	AGAP002813-PA	-	79	2.20E-07	2	1320.697	1.78	Pupa	2R:+:27900905-27900937	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_30420	NFIGYTPFVAGWGR	AGAP002813-PA	-	40	0.001295198	2	1584.803	4.38	Ovary	2R:+:27900563-27900604	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_46636	HVLTAAHCIR	AGAP002813-PA	C8(Carbamidomethyl)	65	4.52E-06	1	1177.627	0.96	Pupa	2R:+:27900058-27900087	exon=> In CDS Exon 3 of transcript AGAP002813-PA
JHU_Ag_68386	VASFVDWIQQK	AGAP002813-PA	-	102	1.05E-09	1	1320.698	2.24	Malpighian tubule	2R:+:27900905-27900937	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_71246	HVLTAAHCIR	AGAP002813-PA	C8(Carbamidomethyl)	60	1.22E-05	1	1177.631	3.99	Larva	2R:+:27900058-27900087	exon=> In CDS Exon 3 of transcript AGAP002813-PA
JHU_Ag_75415	VASFVDWIQQK	AGAP002813-PA	-	68	3.28E-06	1	1320.696	1.04	Head	2R:+:27900905-27900937	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_76314	NQETVNFLLASQR	AGAP002813-PA	-	66	4.06E-06	2	1519.784	-1.58	Head	2R:+:27899321-27899359	exon=> In CDS Exon 2 of transcript AGAP002813-PA
JHU_Ag_84150	NQETVNFLLASQR	AGAP002813-PA	-	93	7.17E-09	2	1519.788	1.23	Pupa	2R:+:27899321-27899359	exon=> In CDS Exon 2 of transcript AGAP002813-PA

JHU_Ag_88886	NFIGYTPFVAGWGR	AGAP002813-PA	-	52	9.00E-05	2	1584.809	8.23	Larva	2R:+:27900563-27900604	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_89231	NFIGYTPFVAGWGR	AGAP002813-PA	-	50	0.000162801	2	1584.796	0.07	Malpighian tubule	2R:+:27900563-27900604	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_91765	SKNFIGYTPFVAGWGR	AGAP002813-PA	-	40	0.001173934	1	1799.927	2.57	Malpighian tubule	2R:+:27900557-27900604	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_96516	SANVLQELQIPIIANDECR	AGAP002813-PA	C18(Carbamidomethyl)	101	8.72E-10	2	2183.130	8.16	Malpighian tubule	2R:+:27900623-27900679	exon=> In CDS Exon 6 of transcript AGAP002813-PA
JHU_Ag_109985	NQETVNFLLASQR	AGAP002813-PA	-	79	1.82E-07	2	1519.789	1.87	Larva	2R:+:27899321-27899359	exon=> In CDS Exon 2 of transcript AGAP002813-PA
JHU_Ag_1718	ILFSGK	AGAP002816-PA	-	34	0.001727384	1	664.402	-1.9	Head	2R:+:27949811-27949828	exon=> In CDS Exon 4 of transcript AGAP002816-PA
JHU_Ag_69484	VHLNK	AGAP002816-PA	N4(Deamidated)	31	0.002012463	1	611.351	0.26	Head	2R:+:27948409-27948423	exon=> In CDS Exon 2 of transcript AGAP002816-PA
JHU_Ag_5017	VCSEIEELAK	AGAP002817-PA	C2(Carbamidomethyl)	51	0.000133307	1	1177.577	0.19	Male reproductive organs	2R:+:27951070-27951079,27951149-27951168	exon=> In CDS Exon 1 and 2 of transcript AGAP002817-PA
JHU_Ag_10949	KLEQDDDDQYLDSAWSDSR	AGAP002817-PA	-	97	1.31E-09	2	2285.988	3.7	Male reproductive organs	2R:+:27973029-27973085	exon=> In CDS Exon 4 of transcript AGAP002817-PA
JHU_Ag_12469	LGEIVGANEK	AGAP002817-PA	N8(Deamidated)	41	0.001395897	1	1030.551	8.86	Salivary gland	2R:+:27951692-27951721	exon=> In CDS Exon 3 of transcript AGAP002817-PA
JHU_Ag_83114	IVQDALDLLR	AGAP002817-PA	-	58	8.83E-06	2	1155.673	-0.52	Male reproductive organs	2R:+:27951421-27951450	exon=> In CDS Exon 2 of transcript AGAP002817-PA
JHU_Ag_93878	VLLHVK	AGAP002817-PA	-	39	3.86E-05	1	708.475	-1.94	Male reproductive organs	2R:+:27950944-27950961	exon=> In CDS Exon 1 of transcript AGAP002817-PA
JHU_Ag_99498	RQVHGLEDVK	AGAP002817-PA	-	35	0.003112633	1	1180.633	-8.99	Head	2R:+:27973095-27973124	exon=> In CDS Exon 4 of transcript AGAP002817-PA
JHU_Ag_112955	KLTTENKPLTQR	AGAP002817-PA	-	67	1.11E-06	1	1428.820	2.21	Male reproductive organs	2R:+:27951385-27951420	exon=> In CDS Exon 2 of transcript AGAP002817-PA
JHU_Ag_32081	LEDVEVK	AGAP002822-PA	-	48	0.000322047	1	831.448	2.19	Visceras	2R:-:27981383-27981363	exon=> In CDS Exon 1 of transcript AGAP002822-PA
JHU_Ag_35863	IKLHDTTDFDNALIQAR	AGAP002822-PA	N11(Deamidated), Q15(Deamidated)	36	0.003539391	1	1973.004	3.31	Pupa	2R:-:27981941-27981891	exon=> In CDS Exon 1 of transcript AGAP002822-PA
JHU_Ag_91083	LEDVEVK	AGAP002822-PA	-	42	0.001226743	1	831.450	5.35	Malpighian tubule	2R:-:27981383-27981363	exon=> In CDS Exon 1 of transcript AGAP002822-PA
JHU_Ag_98113	LVQNIFGIPDELAR	AGAP002822-PA	N4(Deamidated),Q3(Deamidated)	38	0.001815498	2	1585.839	-12.59	Head	2R:-:27981293-27981252	exon=> In CDS Exon 1 of transcript AGAP002822-PA
JHU_Ag_101150	LEDVEVK	AGAP002822-PA	-	43	0.000928794	1	831.446	0.58	Male reproductive organs	2R:-:27981383-27981363	exon=> In CDS Exon 1 of transcript AGAP002822-PA
JHU_Ag_5835	SIALPDLR	AGAP002825-PA	-	37	0.001424111	2	884.521	0.58	Pupa	2R:-:28014549-28014526	exon=> In CDS Exon 1 of transcript AGAP002825-PA
JHU_Ag_55676	GIDHLGNIIESSILSPNR	AGAP002825-PA	-	36	0.002278891	1	1935.034	2.53	Pupa	2R:-:28010795-28010742	exon=> In CDS Exon 3 of transcript AGAP002825-PA
JHU_Ag_38895	VLVDELSPVSGPIVPASGK	AGAP002826-PA	-	99	6.99E-10	1	1864.045	1.34	Malpighian tubule	2R:+:28050061-28050117	exon=> In CDS Exon 6 of transcript AGAP002826-PA
JHU_Ag_93362	VLVDELSPVSGPIVPASGK	AGAP002826-PA	-	68	7.64E-07	1	1864.044	0.75	Salivary gland	2R:+:28050061-28050117	exon=> In CDS Exon 6 of transcript AGAP002826-PA
JHU_Ag_3261	GWMNIDDNGIVR	AGAP002828-PA	M3(Oxidation),"M3(Oxidation), N8(Deamidated)"	66	3.43E-06	2	1405.648	-3.35	Midgut	2R:+:28062658-28062693	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_8396	DTGLNKPICYELTALVPEYQK	AGAP002828-PA	C9(Carbamidomethyl)	44	0.000427447	1	2452.243	-0.09	Midgut	2R:+:28060790-28060844,28060918-28060925	exon=> In CDS Exon 4 and 5 of transcript AGAP002828-PA
JHU_Ag_12664	VNDVNDNPPVFQQR	AGAP002828-PA	-	67	2.60E-06	2	1641.796	-1.12	Midgut	2R:+:28065238-28065279	exon=> In CDS Exon 17 of transcript AGAP002828-PA

JHU_Ag_16047	AKAETYENCFYIHEEK	AGAP002828-PA	C9(Carbamidomethyl)	36	0.002946612	1	2031.911	-0.12	Midgut	2R:+:28062147-28062169,28062230-28062254	exon=> In CDS Exon 7 and 8 of transcript AGAP002828-PA
JHU_Ag_16064	DFPQLQR	AGAP002828-PA	-	40	0.00171316	2	903.468	0.11	Midgut	2R:+:28062973-28062993	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_18727	DYELTVEPFNYNTPSITYPSR	AGAP002828-PA	-	111	1.15E-10	2	2506.178	0.18	Midgut	2R:+:28063743-28063805	exon=> In CDS Exon 12 of transcript AGAP002828-PA
JHU_Ag_19765	LPELAADELK	AGAP002828-PA	-	63	3.55E-06	2	1098.609	4.55	Larva	2R:+:28063257-28063286	exon=> In CDS Exon 10 of transcript AGAP002828-PA
JHU_Ag_21093	VTFVFLNSVEEIDQPDVRK	AGAP002828-PA	-	39	0.001214287	1	2235.163	-1.39	Midgut	2R:+:28065589-28065645	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_22851	YFEIGQTDGK	AGAP002828-PA	-	48	0.00014409	2	1157.550	2.46	Midgut	2R:+:28060926-28060955	exon=> In CDS Exon 5 of transcript AGAP002828-PA
JHU_Ag_32715	VTFVFLNSVEEIDQPDVR	AGAP002828-PA	-	57	2.75E-05	2	2107.072	0.76	Midgut	2R:+:28065589-28065642	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_33411	NAGLPPGAETNVYYFIDK	AGAP002828-PA	-	61	1.20E-05	2	1968.970	0.07	Midgut	2R:+:28064905-28064956,28065050-28065051	exon=> In CDS Exon 16 and 17 of transcript AGAP002828-PA
JHU_Ag_36060	GSEYEPIIPLTEEPKDNCETR	AGAP002828-PA	C18(Carbamidomethyl)	53	7.66E-05	1	2477.151	0.45	Midgut	2R:+:28063680-28063742	exon=> In CDS Exon 12 of transcript AGAP002828-PA
JHU_Ag_37821	LTVHPIDRDAEQNELYTFTIVAYK	AGAP002828-PA	-	43	0.000554726	1	2836.449	-0.99	Midgut	2R:+:28060956-28061012,28061089-28061103	exon=> In CDS Exon 5 and 6 of transcript AGAP002828-PA
JHU_Ag_38528	VYIVSESNR	AGAP002828-PA	-	40	0.001144222	2	1066.553	0.12	Midgut	2R:+:28065562-28065588	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_38993	LPELAADELKVSENAK	AGAP002828-PA	-	98	1.82E-09	1	1726.925	1.51	Midgut	2R:+:28063257-28063304	exon=> In CDS Exon 10 of transcript AGAP002828-PA
JHU_Ag_42133	QTFVLHVTAHEPIEPTHESTQPITIR	AGAP002828-PA	-	30	0.008099421	1	2981.545	-1.17	Midgut	2R:+:28061431-28061508	exon=> In CDS Exon 6 of transcript AGAP002828-PA
JHU_Ag_44176	LFNLK	AGAP002828-PA	-	33	0.001153634	1	634.392	-0.43	Midgut	2R:+:28059740-28059753,28060579-28060579	exon=> In CDS Exon 3 and 4 of transcript AGAP002828-PA
JHU_Ag_44287	DQDRDVPYHTVSYEINYR	AGAP002828-PA	-	79	1.64E-07	1	2270.043	-1.71	Midgut	2R:+:28062919-28062972	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_45937	GSEYEPIIPLTEEPK	AGAP002828-PA	-	43	0.000853434	2	1701.858	0.05	Midgut	2R:+:28063680-28063724	exon=> In CDS Exon 12 of transcript AGAP002828-PA
JHU_Ag_47782	IMEKEPFYATVIAIDR	AGAP002828-PA	M2(Oxidation)	82	7.92E-08	1	1911.988	-0.19	Midgut	2R:+:28060742-28060789	exon=> In CDS Exon 4 of transcript AGAP002828-PA
JHU_Ag_48118	IVATNNENGPPDTVLESSPSLLVVR	AGAP002828-PA	-	87	1.46E-08	1	2621.381	1.12	Midgut	2R:+:28065157-28065231	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_54396	LKNWNDEVPK	AGAP002828-PA	-	54	3.20E-05	2	1242.646	-1.29	Midgut	2R:+:28061509-28061538	exon=> In CDS Exon 6 of transcript AGAP002828-PA
JHU_Ag_55237	SDSGVTIGNIIAHDIDGPGNNEITFAMEPIDPAHK	AGAP002828-PA	M27(Oxidation)	66	3.06E-06	1	3661.744	-0.01	Midgut	2R:+:28062489-28062571,28062636-28062657	exon=> In CDS Exon 8 and 9 of transcript AGAP002828-PA
JHU_Ag_55402	EVIVQLQAEDTLR	AGAP002828-PA	-	91	7.83E-09	2	1513.821	-0.6	Midgut	2R:+:28061785-28061823	exon=> In CDS Exon 6 of transcript AGAP002828-PA
JHU_Ag_66296	AETYENCFYIHEEK	AGAP002828-PA	C7(Carbamidomethyl)	65	2.11E-06	1	1832.780	0.17	Midgut	2R:+:28062153-28062169,28062230-28062254	exon=> In CDS Exon 7 and 8 of transcript AGAP002828-PA
JHU_Ag_69132	DAEQNELYTFTIVAYK	AGAP002828-PA	-	87	2.83E-08	2	1904.928	-0.02	Midgut	2R:+:28060980-28061012,28061089-28061103	exon=> In CDS Exon 5 and 6 of transcript AGAP002828-PA
JHU_Ag_69187	TPFAALDLDDKR	AGAP002828-PA	-	83	8.15E-08	1	1361.706	-0.22	Midgut	2R:+:28063323-28063358	exon=> In CDS Exon 10 of transcript AGAP002828-PA

JHU_Ag_70506	SIDCDIPPIDK	AGAP002828-PA	C4(Carbamidomethyl)	59	1.68E-05	2	1272.613	-0.51	Midgut	2R:+:28062709-28062741	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_76876	DHFTYVPSTVTPSQPIYNK	AGAP002828-PA	-	99	1.95E-09	1	2194.083	0.79	Midgut	2R:+:28059683-28059739	exon=> In CDS Exon 3 of transcript AGAP002828-PA
JHU_Ag_86777	IPSNTAIVR	AGAP002828-PA	-	61	4.62E-06	2	970.567	-0.64	Midgut	2R:+:28062880-28062906	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_93827	VGDIFDYDIAK	AGAP002828-PA	-	72	7.41E-07	1	1255.620	-0.31	Midgut	2R:+:28061752-28061784	exon=> In CDS Exon 6 of transcript AGAP002828-PA
JHU_Ag_94394	EPFYATVIAIDR	AGAP002828-PA	-	52	7.66E-05	2	1394.731	-0.27	Midgut	2R:+:28060754-28060789	exon=> In CDS Exon 4 of transcript AGAP002828-PA
JHU_Ag_96680	LPELAADELK	AGAP002828-PA	-	70	9.43E-07	2	1098.604	-0.34	Midgut	2R:+:28063257-28063286	exon=> In CDS Exon 10 of transcript AGAP002828-PA
JHU_Ag_97129	TPFAALDLDDKR	AGAP002828-PA	-	35	0.005098 15	3	1361.712	4.68	Larva	2R:+:28063323-28063358	exon=> In CDS Exon 10 of transcript AGAP002828-PA
JHU_Ag_98885	QPYHDPFPNDGQVYQFEK	AGAP002828-PA	-	43	0.000621 702	1	2208.997	-0.64	Midgut	2R:+:28062826-28062879	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_101052	TGLLVLENSLAVQPFPK	AGAP002828-PA	-	29	0.003844 544	2	1826.047	2.46	Larva	2R:+:28064172-28064222	exon=> In CDS Exon 14 of transcript AGAP002828-PA
JHU_Ag_101927	LYAAGITTNDRVPK	AGAP002828-PA	-	76	2.50E-07	1	1518.827	-0.14	Midgut	2R:+:28065280-28065321	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_102821	TGLLVLENSLAVQPFPK	AGAP002828-PA	-	97	6.34E-10	2	1826.041	-0.48	Midgut	2R:+:28064172-28064222	exon=> In CDS Exon 14 of transcript AGAP002828-PA
JHU_Ag_104216	LAESLSVTELPVSAEPETNLPLYGFEIATK	AGAP002828-PA	-	62	3.99E-06	1	3218.674	0.63	Midgut	2R:+:28061662-28061751	exon=> In CDS Exon 6 of transcript AGAP002828-PA
JHU_Ag_104572	VSNVLQLAQLLDR	AGAP002828-PA	-	86	1.18E-08	2	1468.857	6.18	Larva	2R:+:28065091-28065129	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_105275	IPSNTAIVR	AGAP002828-PA	-	44	0.000248 502	2	970.569	1.25	Larva	2R:+:28062880-28062906	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_105590	THFIQDNQAVEASR	AGAP002828-PA	-	86	3.43E-08	2	1615.782	-0.14	Midgut	2R:+:28065862-28065903	exon=> In CDS Exon 18 of transcript AGAP002828-PA
JHU_Ag_107585	YFEVDSTGR	AGAP002828-PA	-	46	0.000164 529	1	1073.489	-1.12	Midgut	2R:+:28062994-28063020	exon=> In CDS Exon 9 of transcript AGAP002828-PA
JHU_Ag_107760	QESLHQIFSQLTITVIDVNNKPPQITLPR	AGAP002828-PA	-	39	0.000238 802	1	3329.825	0.94	Midgut	2R:+:28061833-28061913,28061982-28061987	exon=> In CDS Exon 6 and 7 of transcript AGAP002828-PA
JHU_Ag_111435	YESLQNGRPLVETNGSPLPK	AGAP002828-PA	N6(Deamidated), N14(Deamidated)	41	0.001080 945	1	2201.111	1.28	Midgut	2R:+:28063928-28063987	exon=> In CDS Exon 13 of transcript AGAP002828-PA
JHU_Ag_115059	IKVNDVNDNPPVFQQR	AGAP002828-PA	-	48	0.000148 059	1	1882.977	-0.25	Midgut	2R:+:28065232-28065279	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_116164	LKYESLQNGRPLVETNGSPLPK	AGAP002828-PA	N8(Deamidated), N16(Deamidated),N16(Deamidated),N8(Deamidated)	102	6.03E-10	1	2442.287	-0.43	Midgut	2R:+:28063821-28063825,28063927-28063987	exon=> In CDS Exon 12 and 13 of transcript AGAP002828-PA
JHU_Ag_116723	LKYESLQNGRPLVETNGSPLPK	AGAP002828-PA	N8(Deamidated), N16(Deamidated)	53	4.27E-05	1	2442.302	5.94	Larva	2R:+:28063821-28063825,28063927-28063987	exon=> In CDS Exon 12 and 13 of transcript AGAP002828-PA
JHU_Ag_116952	VSNVLQLAQLLDREEIPTHEIR	AGAP002828-PA	-	138	5.64E-14	1	2573.405	0.07	Midgut	2R:+:28065091-28065156	exon=> In CDS Exon 17 of transcript AGAP002828-PA
JHU_Ag_117204	ESPADLDAR	AGAP002828-PA	-	59	8.48E-06	2	973.458	-0.53	Midgut	2R:+:28059332-28059358	exon=> In CDS Exon 3 of transcript AGAP002828-PA
JHU_Ag_4558	MEDDDVADFFDFSKPFKR	AGAP002829-PA	N-Term(Acetyl), M1(Oxidation)	71	6.06E-07	1	2267.000	1.75	Ovary	2R:+:28069421-28069474	exon=> In CDS Exon 1 of transcript AGAP002829-PA
JHU_Ag_12786	VVGLLAGLGTDPR	AGAP002829-PA	-	53	1.70E-05	2	1267.738	0.61	Ovary	2R:+:28073361-28073399	exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_23407	LLVAGCVNETSNSR	AGAP002829-PA	C6(Carbamidomethyl)	44	0.000777 337	2	1519.759	3.67	Ovary	2R:+:28073208-28073249	exon=> In CDS Exon 3 of transcript AGAP002829-PA

JHU_Ag_30705	KIAASSIAR	AGAP002829-PA	-	41	0.000346815	2	916.557	-0.68	Ovary	2R:+:28070028-28070054	exon=> In CDS Exon 2 of transcript AGAP002829-PA
JHU_Ag_36600	ESLNSVLLDTNPQNTHEK	AGAP002829-PA	-	73	9.06E-07	3	2039.005	0.63	Ovary	2R:+:28073154-28073207	exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_40435	TQILNDISEQQR	AGAP002829-PA	-	46	0.000305831	2	1444.742	2.08	Ovary	2R:+:28072968-28073003	exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_42102	VFLASLAEVQPSAVR	AGAP002829-PA	-	49	6.30E-05	2	1586.895	3.1	Ovary	2R:+:28072650-28072694	exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_42576	VLVADTLNNFTTLR	AGAP002829-PA	-	99	8.46E-10	1	1576.871	1.1	Ovary	2R:+:28070952-28070993	exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_52144	VILSTNIAESSITIPDVK	AGAP002829-PA	-	35	0.000871693	2	1900.066	1.13	Ovary	2R:+:28070784-28070837	exon=> In CDS Exon 2 of transcript AGAP002829-PA
JHU_Ag_68347	EWCNIVVTQPR	AGAP002829-PA	C3(Carbamidomethyl)	39	0.002028553	2	1401.697	1.55	Ovary	2R:+:28069995-28070027	exon=> In CDS Exon 2 of transcript AGAP002829-PA
JHU_Ag_102887	FLEDDDVDSLELPR	AGAP002829-PA	-	97	3.01E-09	2	1662.787	0.66	Ovary	2R:+:28073004-28073045	exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_114057	VLVADTLNNFTTLR	AGAP002829-PA	-	76	1.57E-07	2	1576.876	4.43	Malpighian tubule	2R:+:28070952-28070993	exon=> In CDS Exon 3 of transcript AGAP002829-PA
JHU_Ag_5067	LNIDPHNVVWTR	AGAP002830-PA	-	38	0.001938027	1	1463.777	0.85	Salivary gland	2R:-:28076447-28076412	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_6046	VPNAVVLVTTVR	AGAP002830-PA	-	76	3.27E-08	1	1267.774	0.23	Ovary	2R:-:28075937-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_6447	STTQDELLATVK	AGAP002830-PA	-	56	3.17E-05	2	1305.693	2.47	Salivary gland	2R:-:28081456-28081637,28079075-28079194	exon=> In CDS Exon 3 and 2 of transcript AGAP002830-PA
JHU_Ag_11559	VATGDMSGFLPCTPNGCMELIKR	AGAP002830-PA	M6(Oxidation), C12(Carbamidomethyl), C17(Carbamidomethyl), M18(Oxidation)	39	0.001540245	1	2586.189	2.73	Malpighian tubule	2R:-:28078969-28078901	exon=> In CDS Exon 4 of transcript AGAP002830-PA
JHU_Ag_11729	GGEGAAELAQAVIDACNRPSEFK	AGAP002830-PA	C16(Carbamidomethyl)	120	1.64E-11	1	2390.142	0.39	Ovary	2R:-:28075637-28075569	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_13192	ASGKVPNAVVLVTTVR	AGAP002830-PA	-	60	1.92E-06	1	1610.957	-0.87	Head	2R:-:28075949-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_13254	TSMSLTGDPSAK	AGAP002830-PA	M3(Oxidation)	69	1.29E-06	1	1210.565	2.52	Malpighian tubule	2R:-:28075302-28075267	exon=> In CDS Exon 8 of transcript AGAP002830-PA
JHU_Ag_13745	STTQDELLATVK	AGAP002830-PA	-	86	3.85E-08	1	1305.691	1.07	Head	2R:-:28081456-28081637,28079075-28079194	exon=> In CDS Exon 3 and 2 of transcript AGAP002830-PA
JHU_Ag_15636	LNIDPHNVVWTR	AGAP002830-PA	-	59	1.52E-05	1	1463.775	-0.33	Head	2R:-:28076447-28076412	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_16580	STTLVGLVQALTAHKR	AGAP002830-PA	-	27	0.005599613	1	1694.991	-0.15	Ovary	2R:-:28076849-28076802	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_17351	STTQDELLATVK	AGAP002830-PA	-	38	0.002713403	2	1305.691	0.7	Ovary	2R:-:28081456-28081637,28079075-28079194	exon=> In CDS Exon 3 and 2 of transcript AGAP002830-PA
JHU_Ag_18180	KITIGLSPTEK	AGAP002830-PA	-	40	0.000428932	1	1186.707	2.41	Head	2R:-:28076381-28076349	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_18660	LTEPVPSDIEIAR	AGAP002830-PA	-	48	0.000127739	2	1439.780	4.23	Malpighian tubule	2R:-:28077959-28078171,28077670-28077825	exon=> In CDS Exon 6 and 5 of transcript AGAP002830-PA
JHU_Ag_20130	STTLVGLVQALTAHKR	AGAP002830-PA	-	27	0.005060708	1	1695.000	4.93	Head	2R:-:28076849-28076802	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_22844	STTLVGLVQALTAHKR	AGAP002830-PA	-	36	0.000674856	1	1694.999	4.39	Malpighian tubule	2R:-:28076849-28076802	exon=> In CDS Exon 7 of transcript AGAP002830-PA

JHU_Ag_23474	AGTPVTADDLGVTGSMMVLLK	AGAP002830-PA	M16(Oxidation),M17(Oxidation)	81	1.10E-07	2	2076.066	-2.63	Head	2R:-:28076222-28076160	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_23475	LTEPVPSDIEIAR	AGAP002830-PA	-	57	1.50E-05	2	1439.779	3.13	Ovary	2R:-:28077959-28078171,28077670-28077825	exon=> In CDS Exon 6 and 5 of transcript AGAP002830-PA
JHU_Ag_24175	TGTPIAGSYAVVIGR	AGAP002830-PA	-	89	1.16E-08	2	1461.808	1.17	Head	2R:-:28078900-28078856	exon=> In CDS Exon 4 of transcript AGAP002830-PA
JHU_Ag_24337	YVVVAGITPTPLGEGK	AGAP002830-PA	-	42	0.000405817	2	1600.901	4.13	Larva	2R:-:28077686-28077843,28075443-28076850	exon=> In CDS Exon 7 and 6 of transcript AGAP002830-PA
JHU_Ag_24767	STTLVGLVQALTAHK	AGAP002830-PA	-	78	4.12E-08	1	1538.891	0.67	Head	2R:-:28076849-28076805	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_25739	LQYEDDAKYVVVAGITPTPLGEGK	AGAP002830-PA	-	38	0.001392151	3	2563.346	6.51	Malpighian tubule	2R:-:28077710-28077843,28075443-28076850	exon=> In CDS Exon 7 and 6 of transcript AGAP002830-PA
JHU_Ag_25829	MHGGGPIVTAGAPLRR	AGAP002830-PA	M1(Oxidation)	33	0.003980585	1	1605.869	3.15	Malpighian tubule	2R:-:28075892-28075845	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_26394	LTEPVPSDIEIAR	AGAP002830-PA	-	57	1.63E-05	1	1439.780	3.8	Salivary gland	2R:-:28077959-28078171,28077670-28077825	exon=> In CDS Exon 6 and 5 of transcript AGAP002830-PA
JHU_Ag_27506	GGEGAAELAQAVIDACNRPSEFK	AGAP002830-PA	C16(Carbamidomethyl)	89	2.29E-08	1	2390.142	0.55	Visceras	2R:-:28075637-28075569	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_27613	YGVPVVVAINAHGTDTAAEHELVQK	AGAP002830-PA	-	45	0.00030311	1	2618.352	-2.08	Ovary	2R:-:28075766-28075692	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_28267	QVPTLVPGLAIVQVGGR	AGAP002830-PA	-	88	1.07E-09	2	1704.021	2.44	Head	2R:-:28081591-28081541	exon=> In CDS Exon 2 of transcript AGAP002830-PA
JHU_Ag_30166	ILSGTDVAKEIR	AGAP002830-PA	-	77	1.25E-07	1	1301.747	3.8	Malpighian tubule	2R:-:28081775-28081793,28081427-28081628	exon=> In CDS Exon 2 and 1 of transcript AGAP002830-PA
JHU_Ag_30997	KFAPIQLR	AGAP002830-PA	-	34	0.001468315	1	972.598	-0.73	Head	2R:-:28076546-28076523	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_31250	TDPYALTPDEIR	AGAP002830-PA	-	80	2.05E-07	1	1390.687	1.44	Head	2R:-:28076495-28076460	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_34415	LTEPVPSDIEIAR	AGAP002830-PA	-	82	4.50E-08	1	1439.779	3.55	Head	2R:-:28077959-28078171,28077670-28077825	exon=> In CDS Exon 6 and 5 of transcript AGAP002830-PA
JHU_Ag_35781	DVDGLNTINEGR	AGAP002830-PA	N9(Deamidated)	72	9.57E-07	2	1302.630	1.38	Head	2R:-:28079085-28079199,28078648-28078970	exon=> In CDS Exon 4 and 3 of transcript AGAP002830-PA
JHU_Ag_36855	EYMSENLDLLEK	AGAP002830-PA	M3(Oxidation)	46	0.000242338	2	1499.693	-0.61	Ovary	2R:-:28075844-28075809	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_37018	GAWIKPGAVVIDCGINSIPDPTKK	AGAP002830-PA	C13(Carbamidomethyl)	114	2.13E-11	1	2536.362	1.16	Head	2R:-:28078705-28078994,28077940-28078158	exon=> In CDS Exon 5 and 4 of transcript AGAP002830-PA
JHU_Ag_38432	GAWIKPGAVVIDCGINSIPDPTKK	AGAP002830-PA	C13(Carbamidomethyl)	70	4.66E-07	1	2536.368	3.25	Malpighian tubule	2R:-:28078705-28078994,28077940-28078158	exon=> In CDS Exon 5 and 4 of transcript AGAP002830-PA
JHU_Ag_39780	TGTPIAGSYAVVIGR	AGAP002830-PA	-	90	8.78E-09	1	1461.814	5.43	Malpighian tubule	2R:-:28078900-28078856	exon=> In CDS Exon 4 of transcript AGAP002830-PA
JHU_Ag_41448	GAWIKPGAVVIDCGINSIPDPTKK	AGAP002830-PA	C13(Carbamidomethyl)	72	3.47E-07	1	2536.363	1.37	Ovary	2R:-:28078705-28078994,28077940-28078158	exon=> In CDS Exon 5 and 4 of transcript AGAP002830-PA
JHU_Ag_41897	GYVVTEAGFGSDIGMEK	AGAP002830-PA	M15(Oxidation)	101	1.14E-09	1	1775.818	1.02	Head	2R:-:28076021-28075971	exon=> In CDS Exon 7 of transcript AGAP002830-PA

JHU_Ag_42629	LNEDPCFHGIIVQMPLDSETPIDAHLITDAVSPEKDVDGLNTINEGR	AGAP002830-PA	C6(Carbamidomethyl), M14(Oxidation)	46	0.000137991	1	5201.537	6.2	Malpighian tubule	2R:-:28079190-28079199,28078648-28078970	exon=> In CDS Exon 4 and 3 of transcript AGAP002830-PA
JHU_Ag_42686	VPNAVVLVTTVR	AGAP002830-PA	-	77	2.55E-08	1	1267.778	4.08	Salivary gland	2R:-:28075937-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_44983	DVDGLNTINEGR	AGAP002830-PA	-	56	3.81E-05	2	1302.635	5.22	Malpighian tubule	2R:-:28079085-28079199,28078648-28078970	exon=> In CDS Exon 4 and 3 of transcript AGAP002830-PA
JHU_Ag_46117	GAWIKPGAVVIDCGINSIPDPTK	AGAP002830-PA	C13(Carbamidomethyl)	80	1.02E-07	1	2408.266	0.63	Head	2R:-:28078705-28078994,28077940-28078161	exon=> In CDS Exon 5 and 4 of transcript AGAP002830-PA
JHU_Ag_46450	ITIGLSPTEK	AGAP002830-PA	-	40	0.000817375	2	1058.613	3.51	Malpighian tubule	2R:-:28076378-28076349	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_48732	QVPTLVPGLAIVQVGGR	AGAP002830-PA	-	41	8.49E-05	2	1704.018	0.94	Ovary	2R:-:28081591-28081541	exon=> In CDS Exon 2 of transcript AGAP002830-PA
JHU_Ag_49238	TKNLNLLIK	AGAP002830-PA	-	19	0.008890237	1	1056.693	14.84	Malpighian tubule	2R:-:28078780-28078754	exon=> In CDS Exon 4 of transcript AGAP002830-PA
JHU_Ag_49264	VLDVNDRYLR	AGAP002830-PA	-	38	0.001738526	1	1262.689	2.82	Malpighian tubule	2R:-:28076411-28076382	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_50730	WADATVTVAHSK	AGAP002830-PA	-	71	1.10E-06	2	1285.653	-0.45	Head	2R:-:28078816-28078781	exon=> In CDS Exon 4 of transcript AGAP002830-PA
JHU_Ag_52223	KFAPIQLR	AGAP002830-PA	-	30	0.003247237	1	972.602	2.66	Visceras	2R:-:28076546-28076523	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_52854	LLYDLDMSIEDK	AGAP002830-PA	M7(Oxidation)	72	8.40E-07	2	1470.700	-1.92	Head	2R:-:28075568-28075533	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_58369	AAGAFDAIVSNHWAK	AGAP002830-PA	-	131	9.71E-13	1	1557.781	0.16	Head	2R:-:28075682-28075638	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_62505	GGEGAAELAQAVIDACNRPSEFK	AGAP002830-PA	C16(Carbamidomethyl),"C16(Carbamidomethyl), N17(Deamidated)"	126	4.01E-12	1	2390.148	3.23	Head	2R:-:28075637-28075569	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_70059	LNIDPHNVVWTR	AGAP002830-PA	-	47	0.000244292	1	1463.777	1.35	Malpighian tubule	2R:-:28076447-28076412	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_72481	VPNAVVLVTTVR	AGAP002830-PA	-	88	2.13E-09	1	1267.778	3.51	Head	2R:-:28075937-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_73281	ASGKVPNAVVLVTTVR	AGAP002830-PA	-	63	7.93E-07	1	1610.962	1.97	Malpighian tubule	2R:-:28075949-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_76118	AAGAFDAIVSNHWAK	AGAP002830-PA	-	127	2.78E-12	1	1557.789	5.25	Malpighian tubule	2R:-:28075682-28075638	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_79038	YGVPVVVAINAHGTDTAAEHELVQK	AGAP002830-PA	-	124	3.27E-12	1	2618.361	1.21	Head	2R:-:28075766-28075692	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_79815	MHGGGPIVTAGAPLRR	AGAP002830-PA	M1(Oxidation)	40	0.000776276	1	1605.865	0.59	Head	2R:-:28075892-28075845	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_80682	STTQDELLATVK	AGAP002830-PA	-	75	5.23E-07	2	1305.698	6.02	Malpighian tubule	2R:-:28081456-28081637,28079075-28079194	exon=> In CDS Exon 3 and 2 of transcript AGAP002830-PA
JHU_Ag_84482	IFHEATQTDQALYER	AGAP002830-PA	-	137	2.75E-13	1	1821.880	1.66	Head	2R:-:28076618-28076574	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_87707	IFHEATQTDQALYER	AGAP002830-PA	-	92	8.77E-09	1	1821.879	1.39	Visceras	2R:-:28076618-28076574	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_88971	YVVVAGITPTPLGEGK	AGAP002830-PA	-	49	7.90E-05	2	1600.895	0.54	Ovary	2R:-:28077686-28077843,28075443-28076850	exon=> In CDS Exon 7 and 6 of transcript AGAP002830-PA
JHU_Ag_95563	YVVVAGITPTPLGEGK	AGAP002830-PA	-	65	2.15E-06	2	1600.894	-0.22	Salivary gland	2R:-:28077686-28077843,28075443-28076850	exon=> In CDS Exon 7 and 6 of transcript AGAP002830-PA

JHU_Ag_95910	LTEPVPSDIEIAR	AGAP002830-PA	-	69	8.45E-07	1	1439.778	2.87	Visceras	2R:-:28077959-28078171,28077670-28077825	exon=> In CDS Exon 6 and 5 of transcript AGAP002830-PA
JHU_Ag_100457	MHGGGPIVTAGAPLR	AGAP002830-PA	M1(Oxidation)	79	1.66E-07	1	1449.763	-0.47	Head	2R:-:28075892-28075848	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_106078	KADILVVAVGRPEMVR	AGAP002830-PA	M14(Oxidation)	57	5.56E-06	1	1769.018	4.12	Malpighian tubule	2R:-:28078753-28078706	exon=> In CDS Exon 4 of transcript AGAP002830-PA
JHU_Ag_106799	LVPAVK	AGAP002830-PA	-	28	0.000804197	1	626.423	-0.73	Head	2R:-:28076573-28076556	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_108432	KADILVVAVGRPEMVR	AGAP002830-PA	M14(Oxidation)	39	0.000357126	2	1769.012	1.16	Head	2R:-:28078753-28078706	exon=> In CDS Exon 4 of transcript AGAP002830-PA
JHU_Ag_108503	EYMSENLDLLEK	AGAP002830-PA	M3(Oxidation)	43	0.000505755	2	1499.698	3.13	Head	2R:-:28075844-28075809	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_108888	YVVVAGITPTPLGEGK	AGAP002830-PA	-	81	4.91E-08	2	1600.896	1	Head	2R:-:28077686-28077843,28075443-28076850	exon=> In CDS Exon 7 and 6 of transcript AGAP002830-PA
JHU_Ag_108950	GYVVTEAGFGSDIGMEKFFNIK	AGAP002830-PA	M15(Oxidation)	90	1.61E-08	1	2425.174	-0.28	Malpighian tubule	2R:-:28076021-28075956	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_109279	WCLKPLPLK	AGAP002830-PA	C2(Carbamidomethyl)	32	0.00226101	1	1154.677	1.27	Head	2R:-:28077986-28077960	exon=> In CDS Exon 5 of transcript AGAP002830-PA
JHU_Ag_115799	IFHEATQTDQALYER	AGAP002830-PA	-	141	1.14E-13	1	1821.884	4.27	Malpighian tubule	2R:-:28076618-28076574	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_116057	VPNAVVLVTTVR	AGAP002830-PA	-	72	9.53E-08	1	1267.778	3.89	Malpighian tubule	2R:-:28075937-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_117008	VPNAVVLVTTVR	AGAP002830-PA	-	53	7.87E-06	2	1267.776	2.45	Visceras	2R:-:28075937-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_117597	VPNAVVLVTTVR	AGAP002830-PA	-	75	4.39E-08	1	1267.780	5.24	Larva	2R:-:28075937-28075902	exon=> In CDS Exon 7 of transcript AGAP002830-PA
JHU_Ag_31171	DLGLLK	AGAP002832-PB,AGAP002832-PA	-	34	0.002053023	1	658.413	-1.37	Ovary	2R:-:28092574-28092557;2R:-:28092574-28092557	exon=> In CDS Exon 16 of transcript AGAP002832-PB;exon=> In CDS Exon 10 of transcript AGAP002832-PA
JHU_Ag_82801	DLGLLK	AGAP002832-PB,AGAP002832-PA	-	31	0.004143752	1	658.413	-0.17	Midgut	2R:-:28092574-28092557;2R:-:28092574-28092557	exon=> In CDS Exon 16 of transcript AGAP002832-PB;exon=> In CDS Exon 10 of transcript AGAP002832-PA
JHU_Ag_86021	EYEAIQGEALNDEYPSENSQHPENK	AGAP002832-PB,AGAP002832-PA	-	38	0.001222243	3	2891.269	2.95	Head	2R:-:28094521-28094447;2R:-:28094521-28094447	exon=> In CDS Exon 12 of transcript AGAP002832-PB;exon=> In CDS Exon 6 of transcript AGAP002832-PA
JHU_Ag_106828	DLGLLK	AGAP002832-PB,AGAP002832-PA	-	31	0.003541706	1	658.414	0.76	Larva	2R:-:28092574-28092557;2R:-:28092574-28092557	exon=> In CDS Exon 16 of transcript AGAP002832-PB;exon=> In CDS Exon 10 of transcript AGAP002832-PA
JHU_Ag_5042	VSLDLCPQR	AGAP002836-PA,AGAP002836-PB	C6(Carbamidomethyl), Q8(Deamidated)	44	0.000514442	2	1088.541	0.05	Pupa	2R:+:28196556-28196582;2R:+:28196556-28196582	exon=> In CDS Exon 4 of transcript AGAP002836-PA;exon=> In CDS Exon 5 of transcript AGAP002836-PB
JHU_Ag_104781	MFSSSGR	AGAP002841-PB	M1(Oxidation)	23	0.008035965	2	787.339	-1.29	Head	2R:-:28218082-28218062	exon=> In CDS Exon 1 of transcript AGAP002841-PB
JHU_Ag_4670	FAPTFPTNTLTVDVR	AGAP002848-PA	-	92	7.33E-09	2	1678.880	0.19	Midgut	2R:+:28300777-28300821	exon=> In CDS Exon 2 of transcript AGAP002848-PA
JHU_Ag_40821	ASLLGLFLPYEVPEHLR	AGAP002848-PA	-	43	0.000298998	1	1954.083	1.69	Larva	2R:+:28300822-28300872	exon=> In CDS Exon 2 of transcript AGAP002848-PA
JHU_Ag_68787	ASLLGLFLPYEVPEHLR	AGAP002848-PA	-	70	5.58E-07	1	1954.088	4.31	Midgut	2R:+:28300822-28300872	exon=> In CDS Exon 2 of transcript AGAP002848-PA

JHU_Ag_70942	FAPTFPTNTLTVDVR	AGAP002848-PA	-	35	0.003321436	2	1678.890	5.72	Larva	2R:+:28300777-28300821	exon=> In CDS Exon 2 of transcript AGAP002848-PA
JHU_Ag_13069	RSFDVLEIYPK	AGAP002857-PB	-	66	2.26E-06	1	1366.733	-2.71	Head	2R:-:28317830-28317798	exon=> In CDS Exon 3 of transcript AGAP002857-PB
JHU_Ag_27347	SFDVLEIYPK	AGAP002857-PB	-	73	5.35E-07	2	1210.639	2.89	Visceras	2R:-:28317827-28317798	exon=> In CDS Exon 3 of transcript AGAP002857-PB
JHU_Ag_44264	SLVPIEQNTVDISNCEK	AGAP002857-PB	C15(Carbamidomethyl)	89	2.58E-08	1	1945.955	0.9	Head	2R:-:28318190-28318140	exon=> In CDS Exon 2 of transcript AGAP002857-PB
JHU_Ag_48835	SLVPIEQNTVDISNCEKGPCR	AGAP002857-PB	C15(Carbamidomethyl), C20(Carbamidomethyl)	50	0.000158269	1	2416.166	2.56	Malpighian tubule	2R:-:28318190-28318128	exon=> In CDS Exon 2 of transcript AGAP002857-PB
JHU_Ag_114399	SLVPIEQNTVDISNCEK	AGAP002857-PB	C15(Carbamidomethyl)	70	1.97E-06	1	1945.959	2.66	Visceras	2R:-:28318190-28318140	exon=> In CDS Exon 2 of transcript AGAP002857-PB
JHU_Ag_21604	DPYRDNLVNR	AGAP002858-PA	-	47	0.000397935	1	1261.627	-0.74	Head	2R:+:28382525-28382554	exon=> In CDS Exon 6 of transcript AGAP002858-PA
JHU_Ag_35698	DPYRDNLVNR	AGAP002858-PA	-	42	0.001372983	1	1261.631	2.32	Malpighian tubule	2R:+:28382525-28382554	exon=> In CDS Exon 6 of transcript AGAP002858-PA
JHU_Ag_58467	DPYRDNLVNR	AGAP002858-PA	-	39	0.002464971	1	1261.627	-0.74	Midgut	2R:+:28382525-28382554	exon=> In CDS Exon 6 of transcript AGAP002858-PA
JHU_Ag_103754	DNLVNR	AGAP002858-PA	-	33	0.003309952	1	730.384	-0.31	Midgut	2R:+:28382537-28382554	exon=> In CDS Exon 6 of transcript AGAP002858-PA
JHU_Ag_243	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	88	1.70E-08	1	1484.705	2.25	Male reproductive organs	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_805	YHTEIVFAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	57	2.92E-05	1	1135.577	-10.66	Malpighian tubule	2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_1006	NFKVDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	128	2.45E-12	1	1994.946	2.26	Ovary	2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699	exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002858-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PD

JHU_Ag_1391	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated)	62	1.17E-05	1	1432.720	1.69	Visceras	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_1453	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation),"M5(Oxidation),M7(Oxidation)",M7(Oxidation)	92	1.08E-08	1	1378.685	-0.71	Head	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_1473	ITPEELYQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	39	0.002120383	2	1148.595	0.11	Pupa	2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_1754	SAGIKVIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	49	7.39E-05	1	1854.016	0.05	Midgut	2R:+:28375840-28375893;2R:+:28375840-28375893;2R:+:28375840-28375893;2R:+:28375840-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_1797	AKENLER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	43	0.000923133	1	859.467	4.32	Malpighian tubule	2R:+:28373025-28373045;2R:+:28373025-28373045;2R:+:28373025-28373045;2R:+:28373025-28373045	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_2069	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	152	1.03E-14	1	1830.930	1.99	Male reproductive organs	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_2179	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl), M12(Oxidation)	111	1.15E-10	1	1513.723	5.93	Larva	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_2431	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	120	1.30E-11	1	1682.779	1.2	Salivary gland	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_2719	AEFKGGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	91	7.99E-09	1	1458.795	-0.32	Head	2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_2774	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N5(Deamidated),N4(Deamidated)	146	4.38E-14	1	1752.858	1.84	Head	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_2812	NSIFHQGMR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	61	1.45E-05	1	1089.528	2.07	Malpighian tubule	2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801	exon=> In CDS Exon 8 of transcript AGAP002858-PA;exon=> In CDS Exon 8 of transcript AGAP002858-PB;exon=> In CDS Exon 10 of transcript AGAP002858-PC;exon=> In CDS Exon 8 of transcript AGAP002858-PD
JHU_Ag_2928	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	97	4.07E-09	1	1403.709	5.45	Malpighian tubule	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_2934	ADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M7(Oxidation)	99	2.69E-09	2	1506.745	-1.18	Visceras	2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_3217	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	149	1.98E-14	1	1960.952	0.82	Head	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD

JHU_Ag_3575	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	58	1.32E-05	1	1038.571	1.9	Salivary gland	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_3598	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5(Carbamidomethyl),M8(Oxidation)"	104	7.05E-10	1	2236.094	5.25	Malpighian tubule	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_4116	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	100	1.17E-09	1	1484.702	0.2	Salivary gland	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_4192	ADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M7(Oxidation)	122	1.35E-11	1	1506.751	2.55	Male reproductive organs	2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_4893	AAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	40	0.000467703	1	841.479	1.37	Salivary gland	2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_5026	NFKVDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	91	1.20E-08	2	1994.947	2.81	Visceras	2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699	exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002858-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PD

JHU_Ag_5108	QTPEWVKFCK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C9(Carbamidomethyl)	64	7.88E-06	1	1322.661	3.75	Malpighian tubule	2R:+:28373076-28373105;2R:+:28373076-28373105;2R:+:28373076-28373105;2R:+:28373076-28373105	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_5875	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	49	0.000169149	1	1291.684	0.66	Pupa	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_5890	LFGLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	30	0.004330014	1	605.377	0.74	Ovary	2R:+:28386502-28386516;2R:+:28386502-28386516;2R:+:28386502-28386516;2R:+:28386502-28386516	exon=> In CDS Exon 7 of transcript AGAP002858-PA;exon=> In CDS Exon 7 of transcript AGAP002858-PB;exon=> In CDS Exon 9 of transcript AGAP002858-PC;exon=> In CDS Exon 7 of transcript AGAP002858-PD
JHU_Ag_6026	KEVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	91	9.52E-09	2	1417.767	9.53	Male reproductive organs	2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_7237	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	51	0.000135183	1	1960.947	-1.4	Pupa	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_7253	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	96	4.97E-09	2	1403.703	1.22	Salivary gland	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_8310	YLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation)	33	0.001870875	1	782.457	11.72	Male reproductive organs	2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_8382	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	99	2.48E-09	2	1403.706	3.22	Pupa	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_8388	KEVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	1.26E-05	2	1417.754	0.66	Pupa	2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_8479	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N9(Deamidated),Q17(Deamidated)	165	5.52E-16	1	1916.957	0.46	Head	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_8595	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	69	2.65E-06	2	1403.707	4.09	Larva	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_8638	YLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	35	0.001602292	1	766.454	0.63	Pupa	2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_9152	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	126	3.27E-12	1	1682.780	1.78	Malpighian tubule	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_9676	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	123	8.30E-12	1	1960.957	3.62	Salivary gland	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_9707	RNPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	65	3.58E-06	2	1612.742	1.65	Salivary gland	2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_9923	ITPEELYQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	65	5.55E-06	1	1148.593	-1.06	Midgut	2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD

JHU_Ag_10098	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	133	7.69E-13	1	1960.960	5.02	Malpighian tubule	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_10938	VCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	51	0.000125236	1	1308.626	0.54	Ovary	2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_11010	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	134	7.27E-13	1	1916.957	0.33	Ovary	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_11247	TGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	51	0.000191626	2	890.469	-0.35	Midgut	2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_11298	TGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	48	0.000325427	2	890.469	-0.01	Salivary gland	2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_11420	GGQDGVPILKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	65	1.21E-06	1	1111.650	2.72	Malpighian tubule	2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_11706	LIFDNLKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	38	0.000378914	1	990.599	0.95	Visceras	2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_11847	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N3(Deamidated)	102	6.17E-10	1	1606.723	2.35	Midgut	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_12361	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	118	2.36E-11	1	1931.880	1.36	Ovary	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_12702	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	102	6.43E-10	1	1605.736	0.31	Salivary gland	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_12806	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	2.14E-05	1	1159.623	0.65	Pupa	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_13051	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	141	6.99E-14	1	1613.882	4.68	Malpighian tubule	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_14318	AEFKGGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	70	1.10E-06	1	1458.796	0.68	Ovary	2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_14698	ADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M7(Oxidation)	165	6.75E-16	1	1506.750	1.9	Head	2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_15410	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N4(Deamidated)	132	1.03E-12	2	1752.849	-3.66	Midgut	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_15590	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	139	1.04E-13	1	1613.882	4.68	Larva	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_15680	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	58	3.10E-05	1	1087.595	1.84	Visceras	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_15892	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated)	92	9.52E-09	1	1431.737	2.37	Malpighian tubule	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_15932	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	97	2.61E-09	1	1484.708	4.39	Malpighian tubule	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_16383	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	89	1.65E-08	2	1385.756	2.59	Pupa	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_16403	LIFDNLKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	46	8.78E-05	1	990.598	-0.41	Salivary gland	2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_16840	VIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M3(Oxidation)	67	2.47E-06	1	1397.745	-0.62	Salivary gland	2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_17438	CSTIFINGKEK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl),"C1(Carbamidomethyl), N7(Deamidated)"	54	4.60E-05	1	1296.665	2.23	Malpighian tubule	2R:+:28375570-28375602;2R:+:28375570-28375602;2R:+:28375570-28375602;2R:+:28375570-28375602	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_17608	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	80	1.26E-07	1	1385.757	3.2	Ovary	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_17634	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	141	6.32E-14	1	1613.881	4	Visceras	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_17715	QAADMILLDDNFASIVTGVEEGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	51	0.000117039	2	2464.210	2.82	Visceras	2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412	exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PD

JHU_Ag_17787	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	67	3.13E-06	1	1087.593	-0.29	Salivary gland	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_17999	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	99	1.26E-09	1	1605.740	3.27	Malpighian tubule	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_18013	VCEIPFNSTNKYQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	60	1.46E-05	1	3062.432	5.3	Malpighian tubule	2R:+:28375447-28375524;2R:+:28375447-28375524;2R:+:28375447-28375524;2R:+:28375447-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_18110	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	40	0.000723587	1	1038.571	2.13	Ovary	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_18954	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	61	8.93E-06	1	1772.811	1.58	Salivary gland	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_18976	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation), M6(Oxidation)	114	4.97E-11	1	2661.226	3.13	Visceras	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_19598	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	89	1.87E-08	1	1569.795	2.72	Larva	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_19682	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	149	1.74E-14	1	1924.918	0.77	Head	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_19917	GGQDGVPILKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	63	1.71E-06	1	1111.647	-0.47	Midgut	2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_20201	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation), M7(Oxidation)	71	1.10E-06	1	1394.682	1.19	Male reproductive organs	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_21260	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation), M7(Oxidation)	49	0.000182122	2	1394.684	1.98	Larva	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_21638	TSPQQKLIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C13(Carbamidomethyl)	66	2.66E-06	1	1756.939	0.58	Head	2R:+:28376095-28376139;2R:+:28376095-28376139;2R:+:28376095-28376139;2R:+:28376095-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_21723	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	100	1.21E-09	1	1484.706	3.24	Larva	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_21857	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	111	1.52E-10	2	1916.962	3.14	Larva	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_22118	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N8(Deamidated)	102	9.16E-10	1	1569.792	0.93	Pupa	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_22421	IMESFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	44	0.000291806	1	770.375	-0.53	Midgut	2R:+:28373370-28373387;2R:+:28373370-28373387;2R:+:28373370-28373387;2R:+:28373370-28373387	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_22434	YHTEIVFAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	58	2.48E-05	1	1135.593	3.31	Midgut	2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_22621	VCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	61	1.24E-05	1	1308.626	0.17	Malpighian tubule	2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_22663	DGPNALTPPKQTPEWVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	44	0.000674417	1	1877.980	2.31	Ovary	2R:+:28373046-28373096;2R:+:28373046-28373096;2R:+:28373046-28373096;2R:+:28373046-28373096	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_22689	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	67	1.31E-06	1	1038.565	-4.33	Head	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_23273	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	129	1.60E-12	1	1931.881	2.25	Salivary gland	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_23402	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	56	3.47E-05	2	1291.683	0.19	Male reproductive organs	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_23461	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl), M8(Oxidation)	44	0.000679391	1	2236.094	5.38	Larva	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_23833	AINDLTDSYGQEWTYRDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	62	8.21E-06	1	2203.016	4.78	Malpighian tubule	2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_23909	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	101	1.37E-09	2	1752.859	2.26	Pupa	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_24028	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation), M7(Oxidation)	72	9.56E-07	1	1394.682	1.01	Salivary gland	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_24171	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	52	0.00010248	1	1159.624	1.75	Head	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_24180	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	99	1.42E-09	1	1484.694	-5.23	Midgut	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_24627	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	1.09E-05	2	1385.757	3.56	Larva	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_24654	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	42	0.00105704	2	1087.594	0.61	Pupa	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_24952	LIFDNLKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	56	8.31E-06	1	990.594	-4.04	Midgut	2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_25025	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	2.26E-05	1	1159.622	-0.14	Ovary	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_25106	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation), M6(Oxidation)	88	2.03E-08	1	2661.212	-1.83	Male reproductive organs	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_25314	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	64	3.86E-06	1	1772.818	5.23	Male reproductive organs	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_25448	DGPNALTPPK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	56	3.24E-05	2	1009.531	-0.22	Salivary gland	2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_25756	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	113	7.36E-11	2	1924.921	1.98	Visceras	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_25776	EVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	53	9.75E-05	2	1289.659	0.82	Male reproductive organs	2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_25794	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	85	3.50E-08	1	1605.734	-0.61	Male reproductive organs	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_25827	QELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	45	0.000530693	2	1160.567	7.8	Midgut	2R:+:28371896-28371922;2R:+:28371896-28371922;2R:+:28371896-28371922;2R:+:28371896-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_25991	ADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M7(Oxidation)	134	8.77E-13	1	1506.748	0.69	Ovary	2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_26538	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	52	9.80E-05	2	1291.682	-0.38	Ovary	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_26584	ITPEELYQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	49	0.000218549	2	1148.593	-1.06	Head	2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_27373	VIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M3(Oxidation)	102	7.12E-10	1	1397.743	-1.84	Midgut	2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_27475	CSTIFINGKEK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), N7(Deamidated)	49	0.000161044	2	1297.644	-1.16	Midgut	2R:+:28375570-28375602;2R:+:28375570-28375602;2R:+:28375570-28375602;2R:+:28375570-28375602	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_27833	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q2(Deamidated), N7(Deamidated),N7(Deamidated),Q2(Deamidated)	83	8.40E-08	1	1431.729	-3.13	Head	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_28109	IMESFKNMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation), M8(Oxidation)	52	9.47E-05	1	2043.042	0.7	Midgut	2R:+:28373370-28373420;2R:+:28373370-28373420;2R:+:28373370-28373420;2R:+:28373370-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_28235	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl), M12(Oxidation)	81	9.76E-08	1	1513.715	0.61	Salivary gland	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_28452	IMESFKNMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation),M8(Oxidation),"M2(Oxidation), M8(Oxidation)"	107	2.26E-10	1	2027.055	4.55	Malpighian tubule	2R:+:28373370-28373420;2R:+:28373370-28373420;2R:+:28373370-28373420;2R:+:28373370-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_28761	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N12(Deamidated),N7(Deamidated),Q9(Deamidated),N2(Deamidated)	124	4.38E-12	1	1683.768	4.02	Midgut	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_29164	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	54	4.97E-05	2	1291.684	0.57	Salivary gland	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_29240	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	77	1.52E-07	1	1038.569	-0.22	Midgut	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_29486	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	68	2.08E-06	1	1959.022	0.14	Salivary gland	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_30345	VCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	64	5.85E-06	1	1308.628	1.94	Salivary gland	2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_30485	IMESFKNMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation), M8(Oxidation),M8(Oxidation)	64	6.04E-06	1	2043.042	0.79	Ovary	2R:+:28373370-28373420;2R:+:28373370-28373420;2R:+:28373370-28373420;2R:+:28373370-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_30928	EVSGDASEAALLKCMELALGDVLSIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C14(Carbamidomethyl)	51	8.55E-05	3	2747.408	4.66	Malpighian tubule	2R:+:28375354-28375431;2R:+:28375354-28375431;2R:+:28375354-28375431;2R:+:28375354-28375431	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_31696	VLGFCDFMLPSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5(Carbamidomethyl), M8(Oxidation)"	95	4.25E-09	1	1528.713	-3.09	Midgut	2R:+:28375672-28375710;2R:+:28375672-28375710;2R:+:28375672-28375710;2R:+:28375672-28375710	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_32112	TSPQQKLIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C13(Carbamidomethyl)	97	1.85E-09	1	1756.945	4.12	Malpighian tubule	2R:+:28376095-28376139;2R:+:28376095-28376139;2R:+:28376095-28376139;2R:+:28376095-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_32129	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	41	0.001442329	1	1087.596	2.96	Male reproductive organs	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_32294	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	69	9.93E-07	1	1237.691	0.9	Male reproductive organs	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_32508	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	127	3.02E-12	1	1960.952	0.82	Ovary	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_32759	MTVAHMWFDNQIIEADTTEDQSGVQYDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation),N10(Deamidated),"M1(Oxidation),Q11(Deamidated)",M6(Oxidation),M1(Oxidation)," M1(Oxidation),M6(Oxidation)"	147	1.11E-14	1	3332.449	0.6	Head	2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_32766	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	152	9.72E-15	1	1830.935	4.39	Malpighian tubule	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_33206	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	63	3.56E-06	1	983.556	4	Larva	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_33316	AINDLTDSYGQEWTYRDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	75	4.01E-07	1	2203.003	-0.95	Midgut	2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD

JHU_Ag_33518	RNPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	64	4.80E-06	1	1612.743	2.33	Malpighian tubule	2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_33608	VIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M3(Oxidation)	96	2.40E-09	1	1381.754	2.05	Malpighian tubule	2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_34005	LIFDNLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	34	0.002938156	2	862.505	1.44	Visceras	2R:+:28376413-28376433;2R:+:28376413-28376433;2R:+:28376413-28376433;2R:+:28376413-28376433	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_34727	CSTIFINGK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), N7(Deamidated)	68	2.04E-06	2	1040.508	0.07	Pupa	2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_34792	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	119	1.90E-11	1	1682.782	2.79	Ovary	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_35076	EVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	86	4.48E-08	1	1289.658	-0.41	Visceras	2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_35756	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	135	5.80E-13	1	1960.949	-0.67	Male reproductive organs	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_35834	LTLRAEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	106	5.74E-11	1	1869.069	-0.33	Midgut	2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_35877	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	108	1.64E-10	1	1605.741	3.35	Larva	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_35948	LIFDNLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	45	0.000236088	1	862.503	-0.38	Midgut	2R:+:28376413-28376433;2R:+:28376413-28376433;2R:+:28376413-28376433;2R:+:28376413-28376433	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_36259	DGPNALTPPK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	66	2.94E-06	1	1009.533	1.47	Head	2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_36416	DGPNALTPPK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N4(Deamidated)	62	8.65E-06	2	1009.531	-0.65	Midgut	2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_36722	DLSSDQLDEILRYHTEIVFAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	127	2.34E-12	1	2520.286	5.16	Malpighian tubule	2R:+:28376032-28376094;2R:+:28376032-28376094;2R:+:28376032-28376094;2R:+:28376032-28376094	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_36941	TGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	58	3.83E-05	2	890.469	0.13	Malpighian tubule	2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_36987	KVCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C3(Carbamidomethyl)	66	4.00E-06	2	1436.721	0.41	Salivary gland	2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_37579	MTVAHMWFDNQIIEADTTEDQSGVQYDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	45	0.000215309	3	3300.468	3.11	Visceras	2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_37664	VCEIPFNSTNKYQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	37	0.002811997	1	3062.418	0.58	Ovary	2R:+:28375447-28375524;2R:+:28375447-28375524;2R:+:28375447-28375524;2R:+:28375447-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_37798	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	7.66E-06	2	983.552	-0.09	Salivary gland	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_38420	DGPNALTPPK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	57	2.48E-05	1	1009.531	-0.65	Malpighian tubule	2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_39125	KADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	92	1.02E-08	1	1618.848	0.82	Pupa	2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_39294	CSTIFINGKEK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl)	46	0.000337847	1	1296.661	-0.31	Ovary	2R:+:28375570-28375602;2R:+:28375570-28375602;2R:+:28375570-28375602;2R:+:28375570-28375602	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_40162	QAADMILLDDNFASIVTGVEEGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation)	109	2.25E-10	2	2480.196	-0.66	Ovary	2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412	exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PD

JHU_Ag_40453	CSTIFINGK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl)	42	0.000804981	2	1039.526	1.96	Malpighian tubule	2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_40688	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q11(Deamidated)	143	6.36E-14	1	1931.881	1.81	Visceras	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_40870	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	112	7.10E-11	1	1484.704	1.51	Head	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_41263	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	98	2.14E-09	1	1385.755	1.79	Head	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_41273	VCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	69	2.00E-06	1	1308.627	1.29	Head	2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_41435	CSTIFINGK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl),"C1(Carbamidomethyl),N7(Deamidated)"	75	3.99E-07	2	1040.509	1.25	Midgut	2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_41627	CMELALGDVLSIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), M2(Oxidation)	70	1.85E-06	2	1492.752	1.73	Ovary	2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_41842	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	91	1.80E-08	2	1403.707	3.83	Ovary	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_42068	KADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	161	1.24E-15	1	1634.842	-0.04	Midgut	2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_42287	YQVSIHETEDPSDPRYLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	58	2.49E-05	1	2520.251	2.71	Ovary	2R:+:28375480-28375542;2R:+:28375480-28375542;2R:+:28375480-28375542;2R:+:28375480-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_42303	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N13(Deamidated),"M1(Oxidation), N13(Deamidated)",M1(Oxidation)	162	1.02E-15	1	1830.919	-4.01	Midgut	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_42433	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	68	1.87E-06	1	1291.690	5.48	Malpighian tubule	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_42784	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q6(Deamidated)	100	1.92E-09	1	1403.707	3.92	Head	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_43005	EGEKLTLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	36	0.004104616	1	945.539	2.39	Malpighian tubule	2R:+:28373421-28373444;2R:+:28373421-28373444;2R:+:28373421-28373444;2R:+:28373421-28373444	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_43241	KVCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C3(Carbamidomethyl)	64	7.86E-06	2	1436.726	3.81	Midgut	2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_43312	ITPEELYQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	50	0.000140399	2	1148.598	2.98	Malpighian tubule	2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_43815	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation), M6(Oxidation)	70	1.36E-06	1	2661.227	3.81	Larva	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_44002	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation), M7(Oxidation),M7(Oxidation)	89	2.22E-08	1	1362.698	5.49	Malpighian tubule	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_44564	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	153	6.53E-15	1	1931.876	-0.34	Head	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_44810	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	2.17E-05	1	1159.622	0.02	Salivary gland	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_45600	AAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	34	0.002103633	1	841.479	1.37	Pupa	2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_45809	KVCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C3(Carbamidomethyl)	67	3.18E-06	2	1436.719	-0.95	Visceras	2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_46462	FNSDDVNFQVDNLRFVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M19(Oxidation), M21(Oxidation)	114	5.19E-11	1	3058.453	4.2	Malpighian tubule	2R:+:28375729-28375806;2R:+:28375729-28375806;2R:+:28375729-28375806;2R:+:28375729-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_46613	NSIFHQGMR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation),"N1(Deamidated), M8(Oxidation)"	62	9.48E-06	1	1105.514	-5.73	Head	2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801	exon=> In CDS Exon 8 of transcript AGAP002858-PA;exon=> In CDS Exon 8 of transcript AGAP002858-PB;exon=> In CDS Exon 10 of transcript AGAP002858-PC;exon=> In CDS Exon 8 of transcript AGAP002858-PD
JHU_Ag_46718	YLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	35	0.001672019	1	766.457	4.61	Malpighian tubule	2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_46739	KEVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	124	5.55E-12	1	1417.759	3.68	Malpighian tubule	2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_46763	RNPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	45	0.000410552	1	1612.746	3.99	Visceras	2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_46803	QELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	39	0.001659063	1	1160.558	-0.5	Head	2R:+:28371896-28371922;2R:+:28371896-28371922;2R:+:28371896-28371922;2R:+:28371896-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD

JHU_Ag_47211	SAGIKVIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	85	1.86E-08	1	1854.017	1.04	Head	2R:+:28375840-28375893;2R:+:28375840-28375893;2R:+:28375840-28375893;2R:+:28375840-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_47329	FVGLMSMIDPPRAAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation),"M5(Oxidation),M7(Oxidation)",M7(Oxidation)	68	1.25E-06	1	2185.160	4.29	Malpighian tubule	2R:+:28375771-28375833;2R:+:28375771-28375833;2R:+:28375771-28375833;2R:+:28375771-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_47440	IMESFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	41	0.000752486	1	754.384	4.45	Malpighian tubule	2R:+:28373370-28373387;2R:+:28373370-28373387;2R:+:28373370-28373387;2R:+:28373370-28373387	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_47745	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q2(Deamidated)	101	7.91E-10	1	1772.806	-1.65	Midgut	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_48256	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	66	4.14E-06	1	1087.595	2.06	Malpighian tubule	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_48313	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	80	1.23E-07	2	1682.781	2.36	Larva	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_48511	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation),M6(Oxidation),"M2(Oxidation),M6(Oxidation)"	102	7.77E-10	1	2661.225	3.06	Ovary	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_48564	EVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	73	7.65E-07	2	1289.660	1.39	Salivary gland	2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_48867	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	2.04E-05	1	1159.626	3.25	Malpighian tubule	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_48943	DGPNALTPPKQTPEWVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	75	4.36E-07	1	1877.983	3.94	Malpighian tubule	2R:+:28373046-28373096;2R:+:28373046-28373096;2R:+:28373046-28373096;2R:+:28373046-28373096	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_49270	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	87	2.57E-08	2	1385.755	1.88	Visceras	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_49791	AAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	44	0.000184064	1	841.479	1.01	Head	2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_49981	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	125	5.52E-12	1	1752.855	0.1	Salivary gland	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_50094	SVGIISEGNETVEDIAQRLNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	212	4.67E-21	1	3135.644	4.97	Malpighian tubule	2R:+:28375906-28375992;2R:+:28375906-28375992;2R:+:28375906-28375992;2R:+:28375906-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_50152	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated),Q9(Deamidated)	130	1.47E-12	1	1682.784	3.96	Head	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_50206	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation),M6(Oxidation),"M2(Oxidation),M6(Oxidation)"	119	1.76E-11	1	2645.229	2.35	Malpighian tubule	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_50218	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	71	5.22E-07	1	1237.693	2.28	Ovary	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_50232	EVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	70	1.71E-06	2	1289.659	0.35	Ovary	2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_50465	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	158	2.75E-15	1	1916.955	-0.68	Pupa	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_50823	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	98	1.65E-09	1	1943.027	0.2	Ovary	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_51705	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	59	9.58E-06	1	1237.691	1.2	Pupa	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_52094	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	79	1.43E-07	2	1385.760	5.23	Malpighian tubule	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_52461	KEVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	90	1.20E-08	2	1417.754	0.49	Ovary	2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_52603	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	133	6.41E-13	1	1814.934	1.36	Ovary	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_53080	MTVAHMWFDNQIIEADTTEDQSGVQYDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M6(Oxidation),M1(Oxidation),"M1(Oxidation), M6(Oxidation)"	188	9.20E-19	1	3316.450	-0.64	Midgut	2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_53244	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	42	0.000849359	2	1087.593	0.04	Ovary	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_53384	KEVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	90	1.27E-08	1	1417.754	0.66	Salivary gland	2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_53641	ADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M7(Oxidation)	111	1.88E-10	1	1506.748	0.53	Salivary gland	2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_53838	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	106	2.99E-10	1	1959.025	1.63	Male reproductive organs	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_55097	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation),M6(Oxidation)	68	2.22E-06	1	2661.221	1.41	Salivary gland	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_55187	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q11(Deamidated),N3(Deamidated)	141	9.55E-14	1	1931.871	-3.31	Midgut	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_55312	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	52	4.47E-05	1	1038.569	-0.34	Pupa	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_55694	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	125	3.13E-12	1	1943.033	3.4	Malpighian tubule	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_56015	ADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M7(Oxidation)	149	2.37E-14	1	1506.742	-3.04	Midgut	2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_56027	LFGLRK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	27	0.002846634	1	733.474	2.84	Malpighian tubule	2R:+:28386502-28386519;2R:+:28386502-28386519;2R:+:28386502-28386519	exon=> In CDS Exon 7 of transcript AGAP002858-PA;exon=> In CDS Exon 7 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 7 of transcript AGAP002858-PD
JHU_Ag_56232	EVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	89	2.11E-08	1	1289.660	1.39	Head	2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_56461	EVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	86	4.42E-08	1	1289.661	1.67	Malpighian tubule	2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_56890	TGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	44	0.000873529	1	890.468	-1.59	Head	2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173;2R:+:28375150-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_57120	KADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	143	8.30E-14	1	1634.841	-0.71	Head	2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_57630	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	94	5.29E-09	1	1569.796	3.19	Visceras	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_57984	AAVVHGSELRDLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	163	5.61E-16	1	2423.256	1.25	Ovary	2R:+:28376002-28376067;2R:+:28376002-28376067;2R:+:28376002-28376067;2R:+:28376002-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_58259	NFKVDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	132	9.73E-13	1	1994.942	0.36	Head	2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699	exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002858-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PD

JHU_Ag_58974	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	121	1.27E-11	1	1924.917	0.01	Ovary	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_59231	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	153	4.20E-15	1	1613.875	-0.01	Midgut	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_59469	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q2(Deamidated)	87	1.92E-08	1	1772.811	1.51	Head	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_59643	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N9(Deamidated)	135	5.47E-13	1	1916.958	0.84	Salivary gland	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_60430	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	140	1.82E-13	1	1752.856	0.31	Malpighian tubule	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_60605	EVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	79	1.97E-07	2	1289.657	-0.88	Midgut	2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392;2R:+:28375354-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_60680	NLEAVETLGSTSTICSDKTGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	110	1.50E-10	1	2796.375	2.33	Salivary gland	2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_61121	QAADMILLDDNFASIVTGVEEGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation)	98	2.43E-09	2	2480.207	3.87	Salivary gland	2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412	exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PD
JHU_Ag_61458	VLGFCDFMLPSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5(Carbamidomethyl),M8(Oxidation)"	99	1.78E-09	2	1528.720	1.54	Head	2R:+:28375672-28375710;2R:+:28375672-28375710;2R:+:28375672-28375710	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_61549	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	122	9.06E-12	2	1682.780	2	Visceras	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_61979	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation),"M5(Oxidation),M7(Oxidation)",M7(Oxidation)	88	2.47E-08	2	1378.686	-0.01	Midgut	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_62303	YLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	40	0.000491747	2	766.452	-1.38	Visceras	2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_62382	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	102	7.31E-10	1	1484.700	-0.79	Visceras	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_62678	KEVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	120	1.29E-11	1	1417.754	0.23	Head	2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_62917	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	88	3.20E-08	2	1403.704	2.09	Visceras	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_63212	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	95	3.93E-09	1	1569.794	2.1	Salivary gland	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_63438	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	63	3.53E-06	1	983.556	3.94	Malpighian tubule	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_63793	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	55	5.04E-05	1	1159.624	2.23	Male reproductive organs	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_63888	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	149	1.97E-14	1	1916.964	4.09	Malpighian tubule	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_64152	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	110	1.50E-10	2	1513.723	5.77	Malpighian tubule	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_64364	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	77	2.37E-07	1	1943.027	0	Pupa	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_65257	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	64	2.70E-06	1	1237.692	1.69	Visceras	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_66470	AAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	44	0.000182472	1	841.480	2.39	Malpighian tubule	2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_66662	CMELALGDVLSIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), M2(Oxidation),C1(Carbamidomethyl)	110	1.77E-10	1	1492.748	-0.96	Midgut	2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_66993	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N2(Deamidated)	123	7.11E-12	2	1682.778	0.84	Pupa	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_67676	IMESFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	41	0.000775619	1	754.380	0.08	Head	2R:+:28373370-28373387;2R:+:28373370-28373387;2R:+:28373370-28373387;2R:+:28373370-28373387	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_67895	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	146	2.05E-14	1	1613.875	0.07	Male reproductive organs	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_68413	AEFKGGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	55	3.74E-05	1	1458.796	0.35	Salivary gland	2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_68543	VIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M3(Oxidation)	102	7.02E-10	1	1397.747	0.6	Ovary	2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_68616	GGQDGVPILKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	32	0.002203085	2	1111.646	-0.58	Salivary gland	2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_68732	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	80	1.01E-07	1	1772.808	-0.34	Visceras	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_68903	NSIFHQGMR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N1(Deamidated),M8(Oxidation),"N1(Deamidated),M8(Oxidation)"	62	8.64E-06	1	1105.519	-1.31	Midgut	2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801	exon=> In CDS Exon 8 of transcript AGAP002858-PA;exon=> In CDS Exon 8 of transcript AGAP002858-PB;exon=> In CDS Exon 10 of transcript AGAP002858-PC;exon=> In CDS Exon 8 of transcript AGAP002858-PD
JHU_Ag_68949	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	94	5.38E-09	2	1569.792	0.93	Ovary	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_69120	NLEAVETLGSTSTICSDKTGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	110	1.49E-10	1	2796.367	-0.56	Midgut	2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_69516	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	96	5.35E-09	2	1403.702	0.62	Male reproductive organs	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_69734	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	41	0.000509614	1	983.554	2.33	Male reproductive organs	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_69926	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	44	0.000438073	1	1291.689	5.01	Larva	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_69958	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	135	6.02E-13	1	1960.955	2.5	Visceras	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_70147	MTVAHMWFDNQIIEADTTEDQSGVQYDRTSPGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M6(Oxidation),"M1(Oxidation),M6(Oxidation)",M1(Oxidation)	77	1.69E-07	1	3949.787	5.69	Malpighian tubule	2R:+:28375174-28375275;2R:+:28375174-28375275;2R:+:28375174-28375275;2R:+:28375174-28375275	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_70714	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N13(Deamidated),M1(Oxidation),"M1(Oxidation),N13(Deamidated)"	139	1.48E-13	1	1943.026	-0.24	Midgut	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_70825	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	79	1.77E-07	2	1931.877	-0.03	Larva	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_70913	AKENLER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	43	0.0012007	1	859.463	-0.36	Salivary gland	2R:+:28373025-28373045;2R:+:28373025-28373045;2R:+:28373025-28373045;2R:+:28373025-28373045	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_71328	AEFKGGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	92	7.23E-09	1	1458.802	4.37	Malpighian tubule	2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_72090	YLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation)	42	0.000337864	2	766.453	-0.1	Midgut	2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_72561	IASLCNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl)	44	0.000732889	2	833.428	-1.66	Head	2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_72767	YHTEIVFAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	47	0.000280112	2	1135.592	2.39	Male reproductive organs	2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_72921	TDLDDLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	40	0.002528635	1	819.409	-0.07	Head	2R:+:28371875-28371895;2R:+:28371875-28371895;2R:+:28371875-28371895;2R:+:28371875-28371895	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_73130	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	64	6.10E-06	2	1087.591	-1.86	Midgut	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_73338	LMDEEMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation),M6(Oxidation)	40	0.000394684	2	911.386	0.72	Head	2R:+:28375603-28375623;2R:+:28375603-28375623;2R:+:28375603-28375623;2R:+:28375603-28375623	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_73602	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	118	2.55E-11	2	1752.860	2.75	Visceras	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_74439	YHTEIVFAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	57	3.34E-05	1	1135.592	1.96	Visceras	2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_74960	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	119	9.46E-12	1	1613.878	2.11	Salivary gland	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_75776	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	103	6.22E-10	2	1569.790	-0.47	Malpighian tubule	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_75991	NPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	50	7.78E-05	2	1456.640	1.6	Head	2R:+:28387076-28387111;2R:+:28387076-28387111;2R:+:28387076-28387111;2R:+:28387076-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_76115	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	119	1.55E-11	1	1513.715	0.45	Head	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_76436	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation),M6(Oxidation)	118	2.06E-11	1	2661.221	1.54	Head	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_76714	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	65	1.98E-06	2	983.554	1.64	Visceras	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_76764	TDLDDLKQELDIDYHK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q8(Deamidated)	129	2.14E-12	1	1960.943	-3.29	Midgut	2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922;2R:+:28371875-28371922	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_77456	VIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M3(Oxidation)	102	6.32E-10	1	1381.749	-1.21	Head	2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_77809	GGQDGVPILKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	51	3.04E-05	1	1111.645	-1.6	Head	2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353;2R:+:28375321-28375353	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_78061	LTLRAEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	76	6.35E-08	1	1869.074	2.51	Head	2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_78139	AINDLTDSYGQEWTYRDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	51	0.000109438	1	2203.007	0.96	Visceras	2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_79329	QAADMILLDDNFASIVTGVEEGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation)	133	7.33E-13	1	2464.212	3.71	Head	2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412	exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PD
JHU_Ag_79343	CSTIFINGK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl)	56	3.44E-05	2	1039.527	2.78	Visceras	2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_79749	KEVSGDASEAALLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	109	2.03E-10	1	1417.749	-2.95	Midgut	2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392;2R:+:28375351-28375392	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_79865	LIFDNLKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	46	8.68E-05	1	990.599	0.33	Male reproductive organs	2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_80135	NLEAVETLGSTSTICSDKTGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	154	6.30E-15	1	2796.369	0.49	Head	2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_80664	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation),"M5(Oxidation),M7(Oxidation)",M7(Oxidation)	70	2.07E-06	2	1362.692	0.83	Ovary	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_80712	FNSDDVNFQVDNLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	122	8.90E-12	2	1682.778	0.4	Male reproductive organs	2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770;2R:+:28375729-28375770	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_82316	SVGIISEGNETVEDIAQRLNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	96	2.20E-09	1	3135.629	0.18	Ovary	2R:+:28375906-28375992;2R:+:28375906-28375992;2R:+:28375906-28375992;2R:+:28375906-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_82403	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	97	2.27E-09	2	1385.753	0.65	Midgut	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_82494	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	145	3.32E-14	1	1943.025	-0.74	Head	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_82738	TSPGFKALSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	56	2.93E-05	1	1063.592	2.53	Malpighian tubule	2R:+:28375258-28375287;2R:+:28375258-28375287;2R:+:28375258-28375287;2R:+:28375258-28375287	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_83327	NFKVDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N6(Deamidated),N1(Deamidated)	128	2.16E-12	1	1995.918	-3.56	Midgut	2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699	exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002858-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PD
JHU_Ag_83433	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	72	7.89E-07	1	1291.686	2.55	Visceras	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_83870	YQVSIHETEDPSDPRYLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M20(Oxidation)	69	1.90E-06	1	2520.259	5.98	Malpighian tubule	2R:+:28375480-28375542;2R:+:28375480-28375542;2R:+:28375480-28375542;2R:+:28375480-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_84240	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	111	1.11E-10	1	1497.720	0.72	Ovary	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_84459	IASLCNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl)	53	8.68E-05	2	833.430	0.17	Midgut	2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_84553	ITPEELYQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	52	9.55E-05	1	1148.597	1.81	Salivary gland	2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_84965	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q13(Deamidated),N3(Deamidated)	112	6.63E-11	1	1605.738	1.52	Head	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_85042	NFKVDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	68	2.44E-06	2	1994.947	2.68	Salivary gland	2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699	exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002858-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PD
JHU_Ag_85387	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	83	3.79E-08	1	1237.685	-3.73	Midgut	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_85884	IASLCNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl)	51	0.000135212	2	833.432	2.37	Malpighian tubule	2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_85899	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N1(Deamidated),C15(Carbamidomethyl),C15(Carbamidomethyl)	137	3.20E-13	2	1924.921	2.17	Midgut	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_85992	VIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M3(Oxidation)	90	9.33E-09	1	1381.749	-1.66	Pupa	2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_86081	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	116	3.63E-11	1	1513.714	-0.2	Midgut	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_86126	MTVAHMWFDNQIIEADTTEDQSGVQYDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M6(Oxidation),M1(Oxidation),"M1(Oxidation),M6(Oxidation)"	166	1.60E-16	1	3316.464	3.56	Malpighian tubule	2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_86897	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	127	3.44E-12	1	1924.920	1.66	Malpighian tubule	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_87039	AINDLTDSYGQEWTYRDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	46	0.000330498	1	2203.006	0.46	Salivary gland	2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_87136	LTLRAEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	96	5.62E-10	1	1869.080	5.88	Malpighian tubule	2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_87227	NPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	42	0.000476762	2	1456.638	-0.32	Midgut	2R:+:28387076-28387111;2R:+:28387076-28387111;2R:+:28387076-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_87373	AAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	53	2.80E-05	1	841.477	-1.1	Midgut	2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_87787	LIFDNLKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	37	0.000599763	1	990.599	0.76	Head	2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_87797	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	149	2.06E-14	1	1916.956	0.02	Male reproductive organs	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_87971	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N9(Deamidated)	77	1.60E-07	1	1237.690	0.31	Head	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_88028	VCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	61	1.24E-05	1	1308.627	1.01	Visceras	2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_88516	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	42	0.000718107	2	1772.815	3.65	Ovary	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_88753	IASLCNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl)	42	0.001147304	2	833.430	0.03	Ovary	2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_88937	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N8(Deamidated)	81	1.18E-07	2	1569.791	0	Male reproductive organs	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_89106	LTLRAEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	92	1.82E-09	1	1869.071	1.05	Ovary	2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483;2R:+:28373433-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_89150	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	58	1.30E-05	1	1038.569	-0.1	Malpighian tubule	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_89687	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl), M12(Oxidation)	68	2.29E-06	2	1513.717	1.9	Visceras	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_90214	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated)	53	8.45E-05	1	1431.735	1.01	Ovary	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_90568	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	77	1.71E-07	1	983.551	-1.4	Pupa	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_90582	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	141	6.34E-14	1	1613.877	1.43	Ovary	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_90618	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	79	1.83E-07	2	1830.933	3.25	Larva	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_90773	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated)	67	3.75E-06	2	1432.724	4.5	Larva	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_90935	DGPNALTPPK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	48	0.000221774	2	1009.530	-1.49	Male reproductive organs	2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_91120	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation)	74	5.18E-07	1	1291.690	5.95	Head	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_91274	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	84	6.86E-08	2	1830.929	1.19	Salivary gland	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_91368	GVVISCGDFTVMGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C6(Carbamidomethyl), M12(Oxidation)	82	9.83E-08	1	1513.717	1.98	Male reproductive organs	2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825;2R:+:28374784-28374825	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_91438	AAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	40	0.000538233	1	841.478	0.28	Ovary	2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_91656	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation), M7(Oxidation)	73	8.64E-07	2	1362.692	1.01	Visceras	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_91978	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	154	7.32E-15	1	1916.961	2.37	Visceras	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_92142	GPDFTHENPLETKNLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	191	9.56E-19	1	3035.475	0.18	Ovary	2R:+:28374700-28374783;2R:+:28374700-28374783;2R:+:28374700-28374783;2R:+:28374700-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_93037	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	65	2.39E-06	2	983.552	0.28	Midgut	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_93123	CSTIFINGK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl)	59	1.48E-05	2	1039.523	-1.33	Head	2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596;2R:+:28375570-28375596	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_93308	CMELALGDVLSIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), M2(Oxidation)	77	3.06E-07	2	1492.754	2.47	Visceras	2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_93374	AEFKGGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	73	6.27E-07	1	1458.798	2.19	Male reproductive organs	2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_93466	RNPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	73	6.80E-07	1	1612.739	-0.25	Midgut	2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_94180	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	49	0.000247759	1	1159.621	-0.61	Visceras	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_94310	NMVPQFATVLR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation),"N1(Deamidated), M2(Oxidation)"	77	2.87E-07	2	1291.678	-3.87	Midgut	2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420;2R:+:28373388-28373420	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_95024	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated)	87	4.08E-08	1	1432.716	-1.04	Midgut	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_95044	MTVAHMWFDNQIIEADTTEDQSGVQYDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation), M6(Oxidation)	147	1.52E-14	1	3332.465	5.33	Larva	2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_95775	LIFDNLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	42	0.000513802	1	862.502	-2.03	Head	2R:+:28376413-28376433;2R:+:28376413-28376433;2R:+:28376413-28376433;2R:+:28376413-28376433	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_95776	LIFDNLKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	50	3.41E-05	1	990.597	-0.84	Pupa	2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436;2R:+:28376413-28376436	exon=> In CDS Exon 5 of transcript AGAP002858-PA;exon=> In CDS Exon 5 of transcript AGAP002858-PB;exon=> In CDS Exon 7 of transcript AGAP002858-PC;exon=> In CDS Exon 5 of transcript AGAP002858-PD
JHU_Ag_95879	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	35	0.002209232	1	1038.567	-1.86	Larva	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_96175	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	88	2.41E-08	2	1814.935	1.69	Pupa	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_96777	MTVAHMWFDNQIIEADTTEDQSGVQYDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M6(Oxidation),M1(Oxidation),"M1(Oxidation), M6(Oxidation)"	88	1.08E-08	1	3316.455	0.8	Ovary	2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257;2R:+:28375174-28375257	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_97314	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	129	2.30E-12	1	1924.924	3.5	Salivary gland	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_97440	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	96	4.25E-09	1	1752.851	-2.13	Ovary	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_97998	SVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N9(Deamidated)	165	5.97E-16	1	1916.956	0.02	Midgut	2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959;2R:+:28375906-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_98116	NLEAVETLGSTSTICSDKTGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	103	8.25E-10	1	2796.372	1.28	Ovary	2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_98319	KADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	60	1.59E-05	2	1634.844	1.16	Salivary gland	2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_98493	CMELALGDVLSIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), M2(Oxidation),C1(Carbamidomethyl)	83	8.05E-08	2	1492.754	2.55	Malpighian tubule	2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_98879	YLLVMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation)	38	0.000784769	2	766.453	-0.82	Head	2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542;2R:+:28375525-28375542	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_99004	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	130	8.11E-13	1	1613.877	1.81	Pupa	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_99027	DGPNALTPPK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	45	0.000430695	1	1009.534	2.68	Visceras	2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_99187	DLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q6(Deamidated)	103	1.10E-09	1	1403.704	2.15	Midgut	2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067;2R:+:28376032-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_99325	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	146	3.69E-14	1	1931.876	-0.66	Pupa	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_99692	GPDFTHENPLETKNLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	207	2.57E-20	1	3035.485	3.26	Malpighian tubule	2R:+:28374700-28374783;2R:+:28374700-28374783;2R:+:28374700-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_99999	LIIVEGCQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C7(Carbamidomethyl)	63	1.08E-05	1	1087.590	-2.54	Head	2R:+:28376113-28376139;2R:+:28376113-28376139;2R:+:28376113-28376139	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_100088	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	135	5.00E-13	1	1924.914	-1.51	Male reproductive organs	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_100260	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	67	2.06E-06	1	1772.814	3.1	Malpighian tubule	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_100534	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	111	7.30E-11	1	1605.733	-1.37	Pupa	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_100553	AAVVHGSELRDLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	66	2.35E-06	1	2423.259	2.61	Midgut	2R:+:28376002-28376067;2R:+:28376002-28376067;2R:+:28376002-28376067;2R:+:28376002-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_100644	FVGLMSMIDPPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation), M7(Oxidation)	65	5.25E-06	2	1362.693	1.19	Pupa	2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806;2R:+:28375771-28375806	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_101051	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl)	74	6.24E-07	1	2220.091	1.83	Pupa	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_101265	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5 (Carbamidomethyl), M8(Oxidation)"	80	1.37E-07	1	2220.091	1.75	Salivary gland	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_101566	YQVSIHETEDPSDPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	74	3.69E-07	2	1772.806	-1.65	Pupa	2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524;2R:+:28375480-28375524	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_101647	AINDLTDSYGQEWTYRDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	73	5.68E-07	1	2203.008	1.29	Head	2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD

JHU_Ag_101949	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	141	1.23E-13	1	1931.882	2.63	Malpighian tubule	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_102202	LMDEEMK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	42	0.000407891	2	895.390	-0.1	Midgut	2R:+:28375603-28375623;2R:+:28375603-28375623;2R:+:28375603-28375623	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_102556	KADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	106	3.31E-10	2	1618.849	1.19	Ovary	2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_102570	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	41	0.001193209	1	1431.737	1.92	Salivary gland	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_102595	EAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	124	7.16E-12	1	1752.857	1.07	Male reproductive organs	2R:+:28375624-28375671;2R:+:28375624-28375671;2R:+:28375624-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_103357	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	96	2.96E-09	1	1484.703	0.77	Ovary	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_103379	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	102	7.30E-10	1	1605.736	0.69	Ovary	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_103504	RNPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	62	8.45E-06	2	1612.740	0.81	Male reproductive organs	2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_104110	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	81	9.01E-08	2	1385.753	0.3	Male reproductive organs	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_104234	CMELALGDVLSIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), M2(Oxidation)	58	2.61E-05	2	1492.749	-0.64	Salivary gland	2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_104256	AEFKGGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	82	7.59E-08	1	1458.794	-0.57	Midgut	2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350;2R:+:28375309-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_104296	QAADMILLDDNFASIVTGVEEGR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M5(Oxidation)	140	1.85E-13	1	2480.199	0.52	Midgut	2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412;2R:+:28376248-28376250,28376347-28376412	exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP002858-PD
JHU_Ag_104709	IASLCNRAEFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl)	46	0.000386617	1	1308.676	2.58	Malpighian tubule	2R:+:28375288-28375320;2R:+:28375288-28375320;2R:+:28375288-28375320;2R:+:28375288-28375320	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_104936	NSIFHQGMR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	40	0.001206207	1	1105.519	-1.53	Pupa	2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801;2R:+:28386775-28386801	exon=> In CDS Exon 8 of transcript AGAP002858-PA;exon=> In CDS Exon 8 of transcript AGAP002858-PB;exon=> In CDS Exon 10 of transcript AGAP002858-PC;exon=> In CDS Exon 8 of transcript AGAP002858-PD
JHU_Ag_105116	FGDRIPADIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	2.19E-05	1	1159.621	-0.46	Midgut	2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513;2R:+:28373484-28373513	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_105930	GGQDGVPILK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	Q3(Deamidated)	67	1.71E-06	1	983.552	0.34	Head	2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350;2R:+:28375321-28375350	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_105982	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	116	3.54E-11	2	1830.928	0.65	Visceras	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_106303	AINDLTDSYGQEWTYR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	125	4.26E-12	1	1931.878	0.61	Male reproductive organs	2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678;2R:+:28386535-28386573,28386670-28386678	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD
JHU_Ag_106324	AAVVHGSELR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	62	4.59E-06	1	1038.569	-0.1	Visceras	2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031;2R:+:28376002-28376031	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_106428	SWDSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	34	0.004119188	1	622.283	0.1	Midgut	2R:+:28386520-28386534;2R:+:28386520-28386534;2R:+:28386520-28386534;2R:+:28386520-28386534	exon=> In CDS Exon 7 of transcript AGAP002858-PA;exon=> In CDS Exon 7 of transcript AGAP002858-PB;exon=> In CDS Exon 9 of transcript AGAP002858-PC;exon=> In CDS Exon 7 of transcript AGAP002858-PD
JHU_Ag_106546	SAGIKVIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	128	7.00E-13	1	1838.026	2.89	Malpighian tubule	2R:+:28375840-28375893;2R:+:28375840-28375893;2R:+:28375840-28375893;2R:+:28375840-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_106584	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	110	1.19E-10	1	1569.792	0.93	Head	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_107185	ITPEELYQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	52	9.56E-05	2	1148.595	0.32	Visceras	2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949;2R:+:28371923-28371949	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD

JHU_Ag_107570	IAGLASGLDTGETPIAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	146	1.99E-14	1	1613.874	-0.23	Head	2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876;2R:+:28374826-28374876	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_107602	NLEAVETLGSTSTICSDK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	101	1.42E-09	2	1924.929	6.35	Larva	2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149;2R:+:28375096-28375149	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_108004	KVCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C3(Carbamidomethyl)	76	4.55E-07	1	1436.719	-1.04	Head	2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_108325	IASLCNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl)	54	7.46E-05	2	833.430	0.32	Salivary gland	2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308;2R:+:28375288-28375308	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_108606	DGPNALTPPK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	56	2.92E-05	2	1009.531	-0.41	Ovary	2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075;2R:+:28373046-28373075	exon=> In CDS Exon 2 of transcript AGAP002858-PA;exon=> In CDS Exon 2 of transcript AGAP002858-PB;exon=> In CDS Exon 4 of transcript AGAP002858-PC;exon=> In CDS Exon 2 of transcript AGAP002858-PD
JHU_Ag_108901	KVCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C3(Carbamidomethyl)	56	4.70E-05	2	1436.725	3.21	Malpighian tubule	2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479;2R:+:28375444-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_109259	KADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	81	9.70E-08	2	1634.853	6.98	Male reproductive organs	2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_109606	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated)	70	1.60E-06	1	1432.721	1.86	Pupa	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_109609	YHTEIVFAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	69	2.14E-06	1	1135.588	-1.48	Head	2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_109722	ADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M7(Oxidation)	141	1.32E-13	1	1490.759	4.57	Malpighian tubule	2R:+:28376200-28376247;2R:+:28376200-28376247;2R:+:28376200-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_109853	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5(Carbamidomethyl),M8(Oxidation)"	86	4.23E-08	1	2220.095	3.73	Visceras	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_109887	AINDLTDSYGQEWTYRDR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	66	3.51E-06	1	2203.007	0.71	Ovary	2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684;2R:+:28386535-28386573,28386670-28386684	exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP002858-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP002858-PD

JHU_Ag_109979	AAVVHGSELRDLSSDQLDEILR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	171	7.32E-17	1	2423.263	4.43	Malpighian tubule	2R:+:28376002-28376067;2R:+:28376002-28376067;2R:+:28376002-28376067;2R:+:28376002-28376067	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_110335	KADIGVAMGIAGSDVSK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M8(Oxidation)	145	3.60E-14	1	1618.855	5.19	Malpighian tubule	2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247;2R:+:28376197-28376247	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_110352	IPADIRIIEAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	28	0.002656272	1	1266.755	2.01	Malpighian tubule	2R:+:28373496-28373528;2R:+:28373496-28373528;2R:+:28373496-28373528;2R:+:28373496-28373528	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_110966	NLEAVETLGSTSTICSDKTGTLTQNR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C15(Carbamidomethyl)	147	2.67E-14	1	2796.382	5.01	Malpighian tubule	2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173;2R:+:28375096-28375173	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_111027	AIAKSVGIISEGNETVEDIAQR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	60	9.69E-06	1	2300.206	-1.37	Midgut	2R:+:28375894-28375959;2R:+:28375894-28375959;2R:+:28375894-28375959;2R:+:28375894-28375959	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_111455	NLAFFSTNAVEGTAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N8(Deamidated)	124	6.34E-12	2	1569.785	-3.66	Midgut	2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783;2R:+:28374739-28374783	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_112071	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5(Carbamidomethyl),M8(Oxidation)"	124	5.97E-12	1	2220.083	-1.95	Midgut	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_112542	AAVPDAVAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	40	0.000454957	1	841.478	0.35	Male reproductive organs	2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833;2R:+:28375807-28375833	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_112636	NFKVDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N6(Deamidated),N1(Deamidated)	120	1.77E-11	1	1994.945	1.89	Malpighian tubule	2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699;2R:+:28373529-28373537,28374655-28374699	exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP002858-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PD
JHU_Ag_112729	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5(Carbamidomethyl),M8(Oxidation)"	115	5.89E-11	1	2236.086	1.75	Head	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_113143	VDNSSLTGESEPQSR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	96	2.54E-09	1	1605.734	-0.99	Visceras	2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699;2R:+:28374655-28374699	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_113954	VCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl),N7(Deamidated),C2(Carbamidomethyl),"C2(Carbamidomethyl),N10(Deamidated)"	73	7.81E-07	2	1308.622	-2.72	Midgut	2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_114008	RNPGGWLEQETYY	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	81	9.87E-08	2	1612.744	2.86	Head	2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111;2R:+:28387073-28387111	exon=> In CDS Exon 9 of transcript AGAP002858-PA;exon=> In CDS Exon 9 of transcript AGAP002858-PB;exon=> In CDS Exon 11 of transcript AGAP002858-PC;exon=> In CDS Exon 9 of transcript AGAP002858-PD
JHU_Ag_114042	AEDLVIGDVVEVK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	80	1.16E-07	2	1385.753	0.56	Salivary gland	2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483;2R:+:28373445-28373483	exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD

JHU_Ag_114119	MGAIVAVTGDGVNDSPALKK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation)	73	4.96E-07	1	1943.032	2.83	Visceras	2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199;2R:+:28376140-28376199	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_114409	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl), M8(Oxidation)	77	3.55E-07	1	2236.084	0.96	Male reproductive organs	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_114921	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	64	2.64E-06	1	1237.694	2.87	Malpighian tubule	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_116133	YHTEIVFAR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	47	0.000378344	1	1135.590	0.24	Salivary gland	2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094;2R:+:28376068-28376094	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_116194	CMELALGDVLSIR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C1(Carbamidomethyl), M2(Oxidation),C1(Carbamidomethyl)	105	5.40E-10	1	1492.752	1.16	Head	2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431;2R:+:28375393-28375431	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_116373	MGAIVAVTGDGVNDSPALK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M1(Oxidation),"M1(Oxidation), N13(Deamidated)"	162	9.30E-16	1	1830.930	1.92	Head	2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196;2R:+:28376140-28376196	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_116681	LNIPVSEVNPR	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	77	1.45E-07	1	1237.693	2.28	Salivary gland	2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992;2R:+:28375960-28375992	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_116835	LQTHPENGLSHAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	N7(Deamidated)	56	4.30E-05	1	1432.711	-4.93	Male reproductive organs	2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024;2R:+:28371950-28371970,28373007-28373024	exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP002858-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP002858-PD
JHU_Ag_117183	KTDLDDLK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	64	8.25E-06	1	947.500	-4.83	Head	2R:+:28371872-28371895;2R:+:28371872-28371895;2R:+:28371872-28371895;2R:+:28371872-28371895	exon=> In CDS Exon 1 of transcript AGAP002858-PA;exon=> In CDS Exon 1 of transcript AGAP002858-PB;exon=> In CDS Exon 3 of transcript AGAP002858-PC;exon=> In CDS Exon 1 of transcript AGAP002858-PD
JHU_Ag_117615	VLGFCDFMLPSDKYPVGFK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C5(Carbamidomethyl),"C5(Carbamidomethyl), M8(Oxidation)"	86	4.32E-08	1	2220.094	3.15	Ovary	2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728;2R:+:28375672-28375728	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_117668	LMDEEMKEAFNNAYLELGGLGER	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M2(Oxidation), N12(Deamidated),M6(Oxidation),M2(Oxidation),"M2(Oxidation), M6(Oxidation), N11(Deamidated)","M2(Oxidation), M6(Oxidation)","M2(Oxidation), N11(Deamidated)","M2(Oxidation), M6(Oxidation), N12(Deamidated)"	152	9.04E-15	1	2661.219	0.58	Midgut	2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671;2R:+:28375603-28375671	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_117671	VCEIPFNSTNK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	C2(Carbamidomethyl)	51	0.000126802	1	1308.628	2.03	Male reproductive organs	2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479;2R:+:28375447-28375479	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_117685	GPDFTHENPLETK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	104	4.85E-10	1	1484.701	-0.3	Pupa	2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738;2R:+:28374700-28374738	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD

JHU_Ag_117750	VIMVTGDHPITAK	AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	M3(Oxidation)	76	2.79E-07	1	1397.745	-0.62	Male reproductive organs	2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893;2R:+:28375855-28375893	exon=> In CDS Exon 4 of transcript AGAP002858-PA;exon=> In CDS Exon 4 of transcript AGAP002858-PB;exon=> In CDS Exon 6 of transcript AGAP002858-PC;exon=> In CDS Exon 4 of transcript AGAP002858-PD
JHU_Ag_14278	NPFTDKLVNER	AGAP002858-PB	-	91	1.49E-08	1	1332.692	0.93	Head	2R:+:28379816-28379847,28386399-28386399	exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PB
JHU_Ag_59461	NPFTDKLVNER	AGAP002858-PB	-	85	4.80E-08	1	1332.696	3.95	Malpighian tubule	2R:+:28379816-28379847,28386399-28386399	exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PB
JHU_Ag_70522	NPFTDKLVNER	AGAP002858-PB	-	76	4.48E-07	1	1332.693	1.48	Ovary	2R:+:28379816-28379847,28386399-28386399	exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PB
JHU_Ag_47039	VATVAPLKDDNR	AGAP002858-PC	-	51	7.51E-05	2	1298.709	2.06	Salivary gland	2R:+:28368651-28368686	exon=> In CDS Exon 2 of transcript AGAP002858-PC
JHU_Ag_47370	VATVAPLKDDNR	AGAP002858-PC	-	77	2.02E-07	1	1298.705	-1.42	Head	2R:+:28368651-28368686	exon=> In CDS Exon 2 of transcript AGAP002858-PC
JHU_Ag_57542	VATVAPLKDDNR	AGAP002858-PC	-	46	0.000250165	2	1298.707	0.46	Ovary	2R:+:28368651-28368686	exon=> In CDS Exon 2 of transcript AGAP002858-PC
JHU_Ag_62121	VATVAPLK	AGAP002858-PC	-	46	5.41E-05	1	798.509	0.4	Head	2R:+:28368651-28368674	exon=> In CDS Exon 2 of transcript AGAP002858-PC
JHU_Ag_15363	DPFNDKLVNER	AGAP002858-PC,AGAP002858-PD	-	39	0.002303638	1	1346.669	-0.64	Ovary	2R:+:28378090-28378121,28386399-28386399;2R:+:28378090-28378121,28386399-28386399	exon=> In CDS Exon 8 and 9 of transcript AGAP002858-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PD
JHU_Ag_24697	DPFNDKLVNER	AGAP002858-PC,AGAP002858-PD	-	42	0.001037465	1	1346.671	1.12	Salivary gland	2R:+:28378090-28378121,28386399-28386399;2R:+:28378090-28378121,28386399-28386399	exon=> In CDS Exon 8 and 9 of transcript AGAP002858-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PD
JHU_Ag_76235	DPFNDKLVNER	AGAP002858-PC,AGAP002858-PD	-	65	5.10E-06	1	1346.670	-0.09	Head	2R:+:28378090-28378121,28386399-28386399;2R:+:28378090-28378121,28386399-28386399	exon=> In CDS Exon 8 and 9 of transcript AGAP002858-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PD
JHU_Ag_95875	DPFNDKLVNER	AGAP002858-PC,AGAP002858-PD	-	52	0.000114456	1	1346.672	1.39	Male reproductive organs	2R:+:28378090-28378121,28386399-28386399;2R:+:28378090-28378121,28386399-28386399	exon=> In CDS Exon 8 and 9 of transcript AGAP002858-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP002858-PD
JHU_Ag_8080	VDVDEPIEEDAACR	AGAP002859-PA	C13(Carbamidomethyl)	69	9.19E-07	1	1617.708	1.23	Visceras	2R:+:28422260-28422301	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_9780	DHELVESIGTYELK	AGAP002859-PA	-	68	2.71E-06	2	1632.811	-0.09	Midgut	2R:+:28422659-28422700	exon=> In CDS Exon 1 of transcript AGAP002859-PA

JHU_Ag_9847	VFFEPGHYTVMESVGEFEVR	AGAP002859-PA	M11(Oxidation)	133	6.90E-13	1	2375.114	5.37	Larva	2R:+:28422302-28422361	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_23589	LSNASEPASLSTPK	AGAP002859-PA	-	92	9.36E-09	1	1401.727	3.33	Larva	2R:+:28422557-28422598	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_37448	IGGELGGPK	AGAP002859-PA	-	45	0.000174131	2	827.465	3.03	Malpighian tubule	2R:+:28510903-28510929	exon=> In CDS Exon 8 of transcript AGAP002859-PA
JHU_Ag_37740	ANASILIGTSSWK	AGAP002859-PA	-	74	6.12E-07	2	1347.728	1.25	Head	2R:+:28506499-28506537	exon=> In CDS Exon 4 of transcript AGAP002859-PA
JHU_Ag_38852	LSNASEPASLSTPK	AGAP002859-PA	-	86	4.53E-08	2	1401.727	3.85	Malpighian tubule	2R:+:28422557-28422598	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_38986	DHELVESIGTYELK	AGAP002859-PA	-	102	1.28E-09	1	1632.814	1.33	Head	2R:+:28422659-28422700	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_43087	LSNASEPASLSTPK	AGAP002859-PA	-	82	1.02E-07	1	1401.723	0.72	Head	2R:+:28422557-28422598	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_45179	VRVPFWTEDGTAK	AGAP002859-PA	-	68	2.41E-06	2	1505.784	6.11	Malpighian tubule	2R:+:28422731-28422769	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_60136	LSNASEPASLSTPK	AGAP002859-PA	-	82	9.88E-08	2	1401.724	1.24	Pupa	2R:+:28422557-28422598	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_70427	DYEALSGELIFENNEIEK	AGAP002859-PA	-	38	0.002254391	2	2113.008	5.25	Visceras	2R:+:28422779-28422828,28465130-28465133	exon=> In CDS Exon 1 and 2 of transcript AGAP002859-PA
JHU_Ag_73477	VPFWTEDGTAK	AGAP002859-PA	-	39	0.002002235	1	1250.605	-0.56	Head	2R:+:28422737-28422769	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_77050	DHELVESIGTYELK	AGAP002859-PA	-	89	1.96E-08	2	1632.815	1.78	Malpighian tubule	2R:+:28422659-28422700	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_84650	ANASILIGTSSWK	AGAP002859-PA	-	78	1.94E-07	2	1347.731	3.43	Larva	2R:+:28506499-28506537	exon=> In CDS Exon 4 of transcript AGAP002859-PA
JHU_Ag_92112	LSNASEPASLSTPK	AGAP002859-PA	-	74	7.10E-07	1	1401.726	2.46	Visceras	2R:+:28422557-28422598	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_95429	VATVMILDDDHSGIFALTSR	AGAP002859-PA	M5(Oxidation)	183	6.62E-18	1	2177.102	4.98	Larva	2R:+:28422599-28422658	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_96435	SIQTAGHHSDTK	AGAP002859-PA	-	42	0.000899174	2	1281.620	1.6	Malpighian tubule	2R:+:28421219-28421254	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_97986	IGGELGGPK	AGAP002859-PA	-	34	0.002163472	2	827.464	2.14	Salivary gland	2R:+:28510903-28510929	exon=> In CDS Exon 8 of transcript AGAP002859-PA
JHU_Ag_101676	SIQTAGHHSDTK	AGAP002859-PA	-	79	1.90E-07	1	1281.620	1.31	Visceras	2R:+:28421219-28421254	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_102251	VATVMILDDDHSGIFALTSR	AGAP002859-PA	M5(Oxidation)	58	2.06E-05	1	2177.090	-0.31	Pupa	2R:+:28422599-28422658	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_104886	AQSDLSEVKAELQR	AGAP002859-PA	-	36	0.003495592	1	1573.825	4.14	Malpighian tubule	2R:+:28422218-28422259	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_106404	SIQTAGHHSDTK	AGAP002859-PA	-	53	7.54E-05	2	1281.619	0.26	Head	2R:+:28421219-28421254	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_113162	VDVDEPIEEDAACR	AGAP002859-PA	C13(Carbamidomethyl)	84	3.48E-08	2	1617.714	5.08	Malpighian tubule	2R:+:28422260-28422301	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_114272	VDVDEPIEEDAACR	AGAP002859-PA	C13(Carbamidomethyl)	98	1.11E-09	1	1617.709	1.61	Head	2R:+:28422260-28422301	exon=> In CDS Exon 1 of transcript AGAP002859-PA
JHU_Ag_117639	APEELTEEDK	AGAP002859-PA	-	35	0.003309204	2	1160.532	-0.01	Head	2R:+:28472727-28472756	exon=> In CDS Exon 3 of transcript AGAP002859-PA
JHU_Ag_11740	HTHAFLPFGDGPR	AGAP002862-PA	-	60	1.53E-05	2	1451.723	3.8	Midgut	2R:-:28481156-28481118	exon=> In CDS Exon 2 of transcript AGAP002862-PA
JHU_Ag_17749	FVERDEPLDVK	AGAP002862-PA	-	39	0.00221806	2	1346.696	0.53	Midgut	2R:-:28482069-28482037	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_19008	FALAATHAR	AGAP002862-PA	-	49	0.000165973	2	957.526	-0.49	Midgut	2R:-:28481183-28481157	exon=> In CDS Exon 2 of transcript AGAP002862-PA

JHU_Ag_39340	NLPQLEASFPLGNMK	AGAP002862-PA	-	80	1.36E-07	1	1658.859	1.3	Malpighian tubule	2R:-:28482468-28482424	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_40628	FALAATHAR	AGAP002862-PA	-	53	6.14E-05	2	957.526	-0.49	Head	2R:-:28481183-28481157	exon=> In CDS Exon 2 of transcript AGAP002862-PA
JHU_Ag_44702	FGIVQMVSK	AGAP002862-PA	M6(Oxidation)	39	0.001232 57	2	1024.546	-3.24	Midgut	2R:-:28481078-28481052	exon=> In CDS Exon 2 of transcript AGAP002862-PA
JHU_Ag_52203	GLYVNERDDPLSGHLFALDGER	AGAP002862-PA	-	114	6.03E-11	1	2473.211	0.12	Midgut	2R:-:28482246-28482181	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_52379	NKGTVEDETTEGLQK	AGAP002862-PA	-	45	0.000583 507	3	1648.805	1.3	Midgut	2R:-:28481727-28481683	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_55382	DDPLSGHLFALDGER	AGAP002862-PA	-	99	1.75E-09	1	1641.787	0.36	Midgut	2R:-:28482225-28482181	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_75364	NSIERPDFLNLLIQLK	AGAP002862-PA	-	93	1.15E-09	1	1913.093	4.01	Midgut	2R:-:28481775-28481728	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_77221	GVGSEIHFNDVLNEAYAK	AGAP002862-PA	-	88	2.84E-08	1	1962.956	0.29	Midgut	2R:-:28482423-28482370	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_81634	NSIERPDFLNLLIQLK	AGAP002862-PA	-	87	4.61E-09	1	1913.093	3.63	Head	2R:-:28481775-28481728	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_94167	GTVEDETTEGLQK	AGAP002862-PA	-	88	2.37E-08	2	1406.663	-1.48	Midgut	2R:-:28481721-28481683	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_113879	FDPDRFALAATHAR	AGAP002862-PA	-	60	1.73E-05	1	1587.805	1.37	Midgut	2R:-:28481198-28481157	exon=> In CDS Exon 2 of transcript AGAP002862-PA
JHU_Ag_114151	HTHAFLPFGDGPR	AGAP002862-PA	-	34	0.007665 009	2	1451.716	-1.16	Head	2R:-:28481156-28481118	exon=> In CDS Exon 2 of transcript AGAP002862-PA
JHU_Ag_117442	NSIERPDFLNLLIQLK	AGAP002862-PA	-	61	1.69E-06	1	1913.094	4.39	Malpighian tubule	2R:-:28481775-28481728	exon=> In CDS Exon 1 of transcript AGAP002862-PA
JHU_Ag_32848	LSPTFTSGK	AGAP002862-PA,AGAP008212-PA,AGAP013128-PA,AGAP008213-PA	-	50	0.000119 833	1	937.498	-0.6	Malpighian tubule	2R:-:28482159-28482133;3R:+:6929311-6929337;2R:-:28484475-28484449;3R:+:6932386-6932412	exon=> In CDS Exon 1 of transcript AGAP002862-PA;exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP013128-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_95829	LSPTFTSGK	AGAP002862-PA,AGAP008212-PA,AGAP013128-PA,AGAP008213-PA	-	47	0.000226 113	1	937.499	-0.32	Midgut	2R:-:28482159-28482133;3R:+:6929311-6929337;2R:-:28484475-28484449;3R:+:6932386-6932412	exon=> In CDS Exon 1 of transcript AGAP002862-PA;exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP013128-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_111380	NKLSPTFTSGK	AGAP002862-PA,AGAP008212-PA,AGAP013128-PA,AGAP008213-PA	-	41	0.000874 656	1	1179.637	-0.18	Malpighian tubule	2R:-:28482165-28482133;3R:+:6929305-6929337;2R:-:28484481-28484449;3R:+:6932380-6932412	exon=> In CDS Exon 1 of transcript AGAP002862-PA;exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP013128-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_12367	EMTYLDQVINETLR	AGAP002862-PA,AGAP013128-PA	M2(Oxidation)	81	1.50E-07	2	1740.854	3.57	Head	2R:-:28481493-28482564,28480944-28481349;2R:-:28483809-28484868,28483301-28483706	exon=> In CDS Exon 2 and 1 of transcript AGAP002862-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP013128-PA

JHU_Ag_21818	EMTYLDQVINETLR	AGAP002862-PA,AGAP013128-PA	M2(Oxidation)	87	3.65E-08	2	1740.859	6.8	Larva	2R:-:28481493-28482564,28480944-28481349;2R:-:28483809-28484868,28483301-28483706	exon=> In CDS Exon 2 and 1 of transcript AGAP002862-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP013128-PA
JHU_Ag_32203	FGLLEVK	AGAP002862-PA,AGAP013128-PA	-	49	5.72E-05	2	805.482	0	Malpighian tubule	2R:-:28481099-28481079;2R:-:28483456-28483436	exon=> In CDS Exon 2 of transcript AGAP002862-PA;exon=> In CDS Exon 2 of transcript AGAP013128-PA
JHU_Ag_76527	FGLLEVK	AGAP002862-PA,AGAP013128-PA	-	48	7.28E-05	2	805.483	0.98	Pupa	2R:-:28481099-28481079;2R:-:28483456-28483436	exon=> In CDS Exon 2 of transcript AGAP002862-PA;exon=> In CDS Exon 2 of transcript AGAP013128-PA
JHU_Ag_96791	FGLLEVK	AGAP002862-PA,AGAP013128-PA	-	54	1.80E-05	2	805.481	-0.61	Midgut	2R:-:28481099-28481079;2R:-:28483456-28483436	exon=> In CDS Exon 2 of transcript AGAP002862-PA;exon=> In CDS Exon 2 of transcript AGAP013128-PA
JHU_Ag_102116	LLEIGDK	AGAP002862-PA,AGAP013128-PA	-	38	0.003503894	1	787.456	0.17	Midgut	2R:-:28481949-28481929;2R:-:28484265-28484245	exon=> In CDS Exon 1 of transcript AGAP002862-PA;exon=> In CDS Exon 1 of transcript AGAP013128-PA
JHU_Ag_62318	LGVLGFLGTGDR	AGAP002863-PA	-	36	0.002198339	2	1204.672	3.03	Larva	2R:-:28486532-28486497	exon=> In CDS Exon 2 of transcript AGAP002863-PA
JHU_Ag_12884	IGLITLLR	AGAP002867-PA	-	19	0.004396105	1	898.598	-11.63	Pupa	2R:-:28497221-28497198	exon=> In CDS Exon 2 of transcript AGAP002867-PA
JHU_Ag_25325	IGLITLLR	AGAP002867-PA	-	18	0.005285281	2	898.599	-10.68	Head	2R:-:28497221-28497198	exon=> In CDS Exon 2 of transcript AGAP002867-PA
JHU_Ag_72530	IGLITLLR	AGAP002867-PA	-	41	2.98E-05	2	898.610	2.16	Larva	2R:-:28497221-28497198	exon=> In CDS Exon 2 of transcript AGAP002867-PA
JHU_Ag_1476	ADPLSGNLFALEGHEWR	AGAP002868-PA	N7(Deamidated)	95	4.55E-09	2	1911.938	1.71	Midgut	2R:-:28500517-28500467	exon=> In CDS Exon 1 of transcript AGAP002868-PA
JHU_Ag_1998	LRDELNR	AGAP002868-PA	N6(Deamidated)	42	0.001338918	1	916.484	-0.72	Malpighian tubule	2R:-:28499842-28499822	exon=> In CDS Exon 1 of transcript AGAP002868-PA
JHU_Ag_40071	SFILSPAGGNYLR	AGAP002868-PA	-	65	3.56E-06	2	1394.743	0.17	Midgut	2R:-:28499304-28499266	exon=> In CDS Exon 2 of transcript AGAP002868-PA
JHU_Ag_64908	TPYTFLPFGEGPR	AGAP002868-PA	-	55	5.45E-05	1	1481.742	-0.11	Midgut	2R:-:28499463-28499425	exon=> In CDS Exon 2 of transcript AGAP002868-PA
JHU_Ag_28758	NDFLNLLLQIK	AGAP002868-PA,AGAP002869-PA	-	94	1.86E-09	2	1330.774	0.48	Midgut	2R:-:28500058-28500026;2R:-:28502096-28502064	exon=> In CDS Exon 1 of transcript AGAP002868-PA;exon=> In CDS Exon 1 of transcript AGAP002869-PA
JHU_Ag_16359	HASYISSEIYR	AGAP002869-PA	-	51	0.000133696	2	1325.641	-5.69	Head	2R:-:28502732-28502700	exon=> In CDS Exon 1 of transcript AGAP002869-PA
JHU_Ag_22428	HASYISSEIYR	AGAP002869-PA	-	61	1.12E-05	2	1325.647	-1.09	Midgut	2R:-:28502732-28502700	exon=> In CDS Exon 1 of transcript AGAP002869-PA
JHU_Ag_27167	GTMIQIPIYALHHDAQYYPDPER	AGAP002869-PA	M3(Oxidation)	41	0.00136937	1	2744.315	0.38	Head	2R:-:28501627-28501559	exon=> In CDS Exon 2 of transcript AGAP002869-PA
JHU_Ag_61678	DFHIFHDR	AGAP002869-PA	-	35	0.00302568	1	1086.511	-0.61	Head	2R:-:28502597-28502574	exon=> In CDS Exon 1 of transcript AGAP002869-PA
JHU_Ag_71431	GLFSDPEIDPLSGTLFALQGK	AGAP002869-PA	-	75	2.66E-07	1	2205.157	5.85	Midgut	2R:-:28502573-28502511	exon=> In CDS Exon 1 of transcript AGAP002869-PA
JHU_Ag_112623	APEHDYTVPGTAHVIPK	AGAP002869-PA	-	58	3.07E-05	1	1831.935	0.52	Head	2R:-:28501678-28501628	exon=> In CDS Exon 2 of transcript AGAP002869-PA

JHU_Ag_98045	VGLITLLR	AGAP002869-PA,AGAP002865-PA	-	64	4.65E-07	2	884.593	0.36	Midgut	2R:-:28501438-28501415;2R:-:28491667-28491644	exon=> In CDS Exon 2 of transcript AGAP002869-PA;exon=> In CDS Exon 2 of transcript AGAP002865-PA
JHU_Ag_70252	IELDLLR	AGAP002874-PA	-	48	0.000136459	2	871.527	2.84	Ovary	2R:-:28547270-28547250	exon=> In CDS Exon 5 of transcript AGAP002874-PA
JHU_Ag_78379	ALHIFPYHLADVITK	AGAP002874-PA	-	44	0.000131613	1	1737.976	4.47	Malpighian tubule	2R:-:28548636-28548592	exon=> In CDS Exon 3 of transcript AGAP002874-PA
JHU_Ag_79524	VHYEPFPFDINDEDNR	AGAP002874-PA	-	71	8.93E-07	1	2006.906	9.19	Midgut	2R:-:28546773-28546946,28546559-28546659	exon=> In CDS Exon 7 and 6 of transcript AGAP002874-PA
JHU_Ag_83544	IELDLLR	AGAP002874-PA	-	43	0.000460407	2	871.527	2.21	Salivary gland	2R:-:28547270-28547250	exon=> In CDS Exon 5 of transcript AGAP002874-PA
JHU_Ag_54944	ITPFLK	AGAP002875-PA	-	31	0.000784138	1	718.449	-1.45	Ovary	2R:+:28567161-28567178	exon=> In CDS Exon 1 of transcript AGAP002875-PA
JHU_Ag_25260	IGAALATTDGHAGK	AGAP002878-PA	-	74	4.53E-07	1	1282.678	2.22	Malpighian tubule	2R:-:28575798-28575757	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_28903	ITVWERPWLK	AGAP002878-PA	-	58	1.39E-05	2	1327.751	-0.78	Midgut	2R:-:28575657-28575628	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_35417	KITFEVHNG	AGAP002878-PA	-	57	2.57E-05	1	1044.549	2.08	Malpighian tubule	2R:-:28575603-28575577	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_50343	ITVWERPWLK	AGAP002878-PA	-	77	1.63E-07	1	1327.755	1.98	Male reproductive organs	2R:-:28575657-28575628	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_68834	IGAALATTDGHAGK	AGAP002878-PA	-	78	1.58E-07	1	1282.677	1.17	Ovary	2R:-:28575798-28575757	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_90137	KITFEVHNG	AGAP002878-PA	-	72	8.91E-07	1	1044.545	-1.89	Ovary	2R:-:28575603-28575577	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_96180	ITVWERPWLK	AGAP002878-PA	-	46	0.000223262	1	1327.755	1.95	Visceras	2R:-:28575657-28575628	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_106920	IGAALATTDGHAGK	AGAP002878-PA	-	74	4.09E-07	1	1282.674	-0.92	Male reproductive organs	2R:-:28575798-28575757	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_112553	IGAALATTDGHAGK	AGAP002878-PA	-	54	5.08E-05	2	1282.674	-0.54	Pupa	2R:-:28575798-28575757	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_113501	ITVWERPWLK	AGAP002878-PA	-	63	4.51E-06	1	1327.755	1.89	Malpighian tubule	2R:-:28575657-28575628	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_115417	ITVWERPWLK	AGAP002878-PA	-	44	0.00038014	1	1327.751	-0.6	Head	2R:-:28575657-28575628	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_116566	IGAALATTDGHAGK	AGAP002878-PA	-	81	9.34E-08	1	1282.677	1.17	Head	2R:-:28575798-28575757	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_117273	ITVWERPWLK	AGAP002878-PA	-	60	7.26E-06	1	1327.758	4.74	Ovary	2R:-:28575657-28575628	exon=> In CDS Exon 1 of transcript AGAP002878-PA
JHU_Ag_33189	IEELEQQIVVEK	AGAP002879-PB,AGAP002879-PA	-	38	0.001911472	2	1456.792	1.8	Head	2R:-:28583191-28583156;2R:-:28583191-28583156	exon=> In CDS Exon 2 of transcript AGAP002879-PB;exon=> In CDS Exon 2 of transcript AGAP002879-PA
JHU_Ag_3062	HSNFEILFGTVQVVAGTIHR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	91	7.40E-09	1	2225.185	1.21	Head	2R:-:28580707-28580818,28579921-28580568;2R:-:28580707-28580890,28579921-28580568;2R:-:28580707-28580818,28579921-28580568	exon=> In CDS Exon 3 and 2 of transcript AGAP002879-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP002879-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002879-PA

JHU_Ag_3403	NQGSCGSCWAFSAVGNVEGLHQIK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	68	2.11E-06	1	2606.199	4.2	Malpighian tubule	2R:-:28577645-28577574;2R:-:28577645-28577574;2R:-:28577645-28577574	exon=> In CDS Exon 6 of transcript AGAP002879-PC;exon=> In CDS Exon 7 of transcript AGAP002879-PB;exon=> In CDS Exon 7 of transcript AGAP002879-PA
JHU_Ag_4709	ILSFHGLTR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	44	0.000554037	1	1043.599	-0.96	Male reproductive organs	2R:-:28579952-28579926;2R:-:28579952-28579926;2R:-:28579952-28579926	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_6001	LSFPDDELKR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	65	5.31E-06	1	1219.632	0.38	Male reproductive organs	2R:-:28580180-28580151;2R:-:28580180-28580151;2R:-:28580180-28580151	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_6505	DVVAAPPK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	61	3.31E-06	1	796.457	1.35	Male reproductive organs	2R:-:28580402-28580379;2R:-:28580402-28580379;2R:-:28580402-28580379	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_7255	AYNEFEILAGSTQQVAGSLYK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	47	0.000286991	2	2289.150	4.53	Head	2R:-:28578359-28578678,28577479-28578225;2R:-:28578359-28578678,28577479-28578225;2R:-:28578359-28578678,28577479-28578225	exon=> In CDS Exon 6 and 5 of transcript AGAP002879-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP002879-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP002879-PA
JHU_Ag_9626	VFTPLPSAANGSKPDYDFDCQDEEEAAAGAHR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C20(Carbamidomethyl),"N10(Deamidated), C20(Carbamidomethyl)"," C20(Carbamidomethyl), Q21(Deamidated)"	176	1.47E-17	1	3536.571	1.43	Head	2R:-:28580510-28580412;2R:-:28580510-28580412;2R:-:28580510-28580412	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_15569	AGAAQELTPEEYAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	60	1.79E-05	1	1477.717	-0.09	Head	2R:-:28580357-28580316;2R:-:28580357-28580316;2R:-:28580357-28580316	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_17366	YVYFIQHNNAVCK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C12(Carbamidomethyl)	63	7.37E-06	1	1655.800	0.26	Head	2R:-:28579783-28579745;2R:-:28579783-28579745;2R:-:28579783-28579745	exon=> In CDS Exon 4 of transcript AGAP002879-PC;exon=> In CDS Exon 5 of transcript AGAP002879-PB;exon=> In CDS Exon 5 of transcript AGAP002879-PA

JHU_Ag_17755	TGLQQQSALVDGSGNER	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	109	1.68E-10	1	1759.859	1.16	Male reproductive organs	2R:-:28580291-28580241;2R:-:28580291-28580241;2R:-:28580291-28580241	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_23991	ATVGVDCLGCATPLAANEYGNSEHQER	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	102	6.20E-10	1	2919.308	2.76	Head	2R:-:28580042-28579962;2R:-:28580042-28579962;2R:-:28580042-28579962	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_25591	AIEQLGGLELENDYPYEAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	118	2.58E-11	1	2152.053	3.83	Malpighian tubule	2R:-:28577408-28577352;2R:-:28577408-28577352;2R:-:28577408-28577352	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_27892	SIDHGVLIVGYGIK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	92	4.89E-09	1	1470.833	1.27	Head	2R:-:28577153-28577112;2R:-:28577153-28577112;2R:-:28577153-28577112	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_30392	LVGGATPVDVK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	55	1.87E-05	2	1055.609	-0.75	Visceras	2R:-:28580797-28580765;2R:-:28580797-28580765;2R:-:28580797-28580765	exon=> In CDS Exon 2 of transcript AGAP002879-PC;exon=> In CDS Exon 3 of transcript AGAP002879-PB;exon=> In CDS Exon 3 of transcript AGAP002879-PA
JHU_Ag_30639	SIDHGVLIVGYGIK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	87	1.65E-08	1	1470.831	-0.47	Midgut	2R:-:28577153-28577112;2R:-:28577153-28577112;2R:-:28577153-28577112	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_36389	AIEQLGGLELENDYPYEAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	96	3.99E-09	1	2152.047	1.22	Head	2R:-:28577408-28577352;2R:-:28577408-28577352;2R:-:28577408-28577352	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_38708	NGPIAIGLNANAMQFYR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	M13(Oxidation)	112	8.94E-11	1	1865.943	5.31	Malpighian tubule	2R:-:28577246-28577196;2R:-:28577246-28577196;2R:-:28577246-28577196	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_45413	LGLVGYESGK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	56	2.18E-05	1	1022.552	-0.17	Male reproductive organs	2R:-:28580737-28580708;2R:-:28580737-28580708;2R:-:28580737-28580708	exon=> In CDS Exon 2 of transcript AGAP002879-PC;exon=> In CDS Exon 3 of transcript AGAP002879-PB;exon=> In CDS Exon 3 of transcript AGAP002879-PA

JHU_Ag_46881	VVGATVQLVAGK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	78	5.53E-08	2	1141.694	-0.2	Male reproductive organs	2R:-:28580231-28580196;2R:-:28580231-28580196;2R:-:28580231-28580196	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_48515	AIEQLGGLELENDYPYEAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	92	9.56E-09	1	2152.050	2.47	Salivary gland	2R:-:28577408-28577352;2R:-:28577408-28577352;2R:-:28577408-28577352	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_50445	YVYFIQHNNAVCK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C12(Carbamidomethyl)	55	5.13E-05	2	1655.803	1.96	Male reproductive organs	2R:-:28579783-28579745;2R:-:28579783-28579745;2R:-:28579783-28579745	exon=> In CDS Exon 4 of transcript AGAP002879-PC;exon=> In CDS Exon 5 of transcript AGAP002879-PB;exon=> In CDS Exon 5 of transcript AGAP002879-PA
JHU_Ag_68570	HSNFEILFGTVQVVAGTIHR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	40	0.000900498	3	2225.181	-0.85	Midgut	2R:-:28580707-28580818,28579921-28580568;2R:-:28580707-28580890,28579921-28580568;2R:-:28580707-28580818,28579921-28580568	exon=> In CDS Exon 3 and 2 of transcript AGAP002879-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP002879-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP002879-PA
JHU_Ag_74811	LTVWEKPWLK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	64	4.32E-06	1	1299.746	-0.29	Male reproductive organs	2R:-:28580141-28580112;2R:-:28580141-28580112;2R:-:28580141-28580112	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_76345	AGAAQELTPEEYAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	64	6.68E-06	2	1477.718	0.57	Male reproductive organs	2R:-:28580357-28580316;2R:-:28580357-28580316;2R:-:28580357-28580316	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_76626	LVGGATPVDVKEPTHIER	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	36	0.001549459	1	1918.043	1.64	Malpighian tubule	2R:-:28580797-28580744;2R:-:28580797-28580744;2R:-:28580797-28580744	exon=> In CDS Exon 2 of transcript AGAP002879-PC;exon=> In CDS Exon 3 of transcript AGAP002879-PB;exon=> In CDS Exon 3 of transcript AGAP002879-PA
JHU_Ag_82780	VWLAQSHPEDAYK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	100	1.49E-09	1	1543.752	-1.31	Head	2R:-:28579726-28579688;2R:-:28579726-28579688;2R:-:28579726-28579688	exon=> In CDS Exon 4 of transcript AGAP002879-PC;exon=> In CDS Exon 5 of transcript AGAP002879-PB;exon=> In CDS Exon 5 of transcript AGAP002879-PA

JHU_Ag_87584	NQGSCGSCWAFSAVGNVEGLHQIK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	90	1.32E-08	1	2606.203	6.1	Head	2R:-:28577645-28577574;2R:-:28577645-28577574;2R:-:28577645-28577574	exon=> In CDS Exon 6 of transcript AGAP002879-PC;exon=> In CDS Exon 7 of transcript AGAP002879-PB;exon=> In CDS Exon 7 of transcript AGAP002879-PA
JHU_Ag_88333	KLESYSEQELIDCDK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C13(Carbamidomethyl)	138	2.28E-13	1	1856.863	2.77	Malpighian tubule	2R:-:28577567-28577523;2R:-:28577567-28577523;2R:-:28577567-28577523	exon=> In CDS Exon 6 of transcript AGAP002879-PC;exon=> In CDS Exon 7 of transcript AGAP002879-PB;exon=> In CDS Exon 7 of transcript AGAP002879-PA
JHU_Ag_88634	VASEEDVAGVGDLPR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	90	1.72E-08	2	1513.756	4.64	Male reproductive organs	2R:-:28577732-28577688;2R:-:28577732-28577688;2R:-:28577732-28577688	exon=> In CDS Exon 6 of transcript AGAP002879-PC;exon=> In CDS Exon 7 of transcript AGAP002879-PB;exon=> In CDS Exon 7 of transcript AGAP002879-PA
JHU_Ag_88758	TGLQQQSALVDGSGNERK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	53	7.15E-05	2	1887.948	-2.15	Male reproductive organs	2R:-:28580291-28580238;2R:-:28580291-28580238;2R:-:28580291-28580238	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_90787	LVGGATPVDVK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	71	4.69E-07	1	1055.609	-0.17	Male reproductive organs	2R:-:28580797-28580765;2R:-:28580797-28580765;2R:-:28580797-28580765	exon=> In CDS Exon 2 of transcript AGAP002879-PC;exon=> In CDS Exon 3 of transcript AGAP002879-PB;exon=> In CDS Exon 3 of transcript AGAP002879-PA
JHU_Ag_96713	IYRGDNSCGVSEMASSAILA	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C8(Carbamidomethyl), M13(Oxidation),C8(Carbamidomethyl)	72	7.44E-07	1	2116.969	2.21	Malpighian tubule	2R:-:28577024-28576965;2R:-:28577024-28576965;2R:-:28577024-28576965	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_97812	LVGGATPVDVKEPTHIER	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	75	2.29E-07	1	1918.040	0.32	Male reproductive organs	2R:-:28580797-28580744;2R:-:28580797-28580744;2R:-:28580797-28580744	exon=> In CDS Exon 2 of transcript AGAP002879-PC;exon=> In CDS Exon 3 of transcript AGAP002879-PB;exon=> In CDS Exon 3 of transcript AGAP002879-PA
JHU_Ag_99593	AIEQLGGLELENDYPYEAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	105	5.14E-10	1	2152.046	0.54	Male reproductive organs	2R:-:28577408-28577352;2R:-:28577408-28577352;2R:-:28577408-28577352	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_100474	ATVGVDCLGCATPLAANEYGNSEHQER	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	103	4.73E-10	1	2919.300	0.06	Male reproductive organs	2R:-:28580042-28579962;2R:-:28580042-28579962;2R:-:28580042-28579962	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA

JHU_Ag_105262	VWLAQSHPEDAYK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	78	1.98E-07	1	1543.755	0.35	Male reproductive organs	2R:-:28579726-28579688;2R:-:28579726-28579688;2R:-:28579726-28579688	exon=> In CDS Exon 4 of transcript AGAP002879-PC;exon=> In CDS Exon 5 of transcript AGAP002879-PB;exon=> In CDS Exon 5 of transcript AGAP002879-PA
JHU_Ag_105431	KLESYSEQELIDCDK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C13(Carbamidomethyl)	93	6.97E-09	2	1856.868	5.14	Midgut	2R:-:28577567-28577523;2R:-:28577567-28577523;2R:-:28577567-28577523	exon=> In CDS Exon 6 of transcript AGAP002879-PC;exon=> In CDS Exon 7 of transcript AGAP002879-PB;exon=> In CDS Exon 7 of transcript AGAP002879-PA
JHU_Ag_105824	AIEQLGGLELENDYPYEAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	Q4(Deamidated),N12(Deamidated)	139	2.07E-13	1	2152.047	0.99	Midgut	2R:-:28577408-28577352;2R:-:28577408-28577352;2R:-:28577408-28577352	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_107115	AGAAQELTPEEYAKEEHQTR	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	96	3.80E-09	1	2258.068	-0.35	Male reproductive organs	2R:-:28580357-28580298;2R:-:28580357-28580298;2R:-:28580357-28580298	exon=> In CDS Exon 3 of transcript AGAP002879-PC;exon=> In CDS Exon 4 of transcript AGAP002879-PB;exon=> In CDS Exon 4 of transcript AGAP002879-PA
JHU_Ag_108329	LVGGATPVDVKEPTHIER	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	31	0.005334553	1	1918.035	-2.04	Head	2R:-:28580797-28580744;2R:-:28580797-28580744;2R:-:28580797-28580744	exon=> In CDS Exon 2 of transcript AGAP002879-PC;exon=> In CDS Exon 3 of transcript AGAP002879-PB;exon=> In CDS Exon 3 of transcript AGAP002879-PA
JHU_Ag_110673	KLESYSEQELIDCDK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	C13(Carbamidomethyl)	137	2.00E-13	1	1856.854	-2.55	Head	2R:-:28577567-28577523;2R:-:28577567-28577523;2R:-:28577567-28577523	exon=> In CDS Exon 6 of transcript AGAP002879-PC;exon=> In CDS Exon 7 of transcript AGAP002879-PB;exon=> In CDS Exon 7 of transcript AGAP002879-PA
JHU_Ag_112600	DHGAVTEVK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	61	7.30E-06	1	955.487	3	Malpighian tubule	2R:-:28577672-28577646;2R:-:28577672-28577646;2R:-:28577672-28577646	exon=> In CDS Exon 6 of transcript AGAP002879-PC;exon=> In CDS Exon 7 of transcript AGAP002879-PB;exon=> In CDS Exon 7 of transcript AGAP002879-PA
JHU_Ag_112649	AIEQLGGLELENDYPYEAK	AGAP002879-PC,AGAP002879-PB,AGAP002879-PA	-	118	2.54E-11	1	2152.050	2.69	Visceras	2R:-:28577408-28577352;2R:-:28577408-28577352;2R:-:28577408-28577352	exon=> In CDS Exon 7 of transcript AGAP002879-PC;exon=> In CDS Exon 8 of transcript AGAP002879-PB;exon=> In CDS Exon 8 of transcript AGAP002879-PA
JHU_Ag_9071	GYKPPNEEPSEYQTIPLSK	AGAP002880-PA	-	71	1.20E-06	1	2177.076	0.02	Ovary	2R:-:28589000-28589558,28588463-28588871	exon=> In CDS Exon 2 and 1 of transcript AGAP002880-PA
JHU_Ag_19553	ASIELIHGLMAQISK	AGAP002880-PA	M10(Oxidation)	41	0.000730295	1	1626.887	-0.58	Ovary	2R:-:28588567-28588523	exon=> In CDS Exon 2 of transcript AGAP002880-PA
JHU_Ag_29014	SGGALEVMGLLLGK	AGAP002880-PA	M8(Oxidation)	51	8.73E-05	1	1360.751	0.34	Ovary	2R:-:28589363-28589322	exon=> In CDS Exon 1 of transcript AGAP002880-PA

JHU_Ag_30397	LFNTINTGEAK	AGAP002880-PA	-	47	0.000252843	1	1207.633	0.99	Male reproductive organs	2R:-:28588516-28588484	exon=> In CDS Exon 2 of transcript AGAP002880-PA
JHU_Ag_31750	LFNTINTGEAK	AGAP002880-PA	-	65	3.79E-06	1	1207.632	0.39	Ovary	2R:-:28588516-28588484	exon=> In CDS Exon 2 of transcript AGAP002880-PA
JHU_Ag_33356	SGGALEVMGLLLGK	AGAP002880-PA	M8(Oxidation)	71	7.85E-07	2	1360.754	2.5	Male reproductive organs	2R:-:28589363-28589322	exon=> In CDS Exon 1 of transcript AGAP002880-PA
JHU_Ag_68192	ISALALIK	AGAP002880-PA	-	61	1.25E-06	1	828.555	-0.9	Ovary	2R:-:28589405-28589382	exon=> In CDS Exon 1 of transcript AGAP002880-PA
JHU_Ag_77222	QYYQLDVTYFK	AGAP002880-PA	-	39	0.001809342	2	1467.716	0.27	Ovary	2R:-:28588843-28588811	exon=> In CDS Exon 2 of transcript AGAP002880-PA
JHU_Ag_96925	GYKPPNEEPSEYQTIPLSK	AGAP002880-PA	-	68	2.46E-06	1	2177.076	0.1	Male reproductive organs	2R:-:28589000-28589558,28588463-28588871	exon=> In CDS Exon 2 and 1 of transcript AGAP002880-PA
JHU_Ag_74086	VREQQEQEEQELQQITR	AGAP002883-PA	-	70	1.55E-06	1	2171.069	0.12	Malpighian tubule	2R:-:28652814-28652764	exon=> In CDS Exon 3 of transcript AGAP002883-PA
JHU_Ag_427	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl)	163	4.33E-16	1	2178.153	1.81	Visceras	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_790	IPASILAEFYPR	AGAP002884-PA	-	103	4.48E-10	1	1376.759	1.28	Male reproductive organs	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_2187	AVVGEEALTPDDLLYLEFLTK	AGAP002884-PA	-	72	5.33E-07	2	2336.230	1.18	Midgut	2R:+:28673361-28673423	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_2425	TVFESLDIGWQLLR	AGAP002884-PA	-	94	3.79E-09	1	1676.902	0.64	Salivary gland	2R:+:28673466-28673507	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_3632	RIPASILAEFYPR	AGAP002884-PA	-	84	2.35E-08	1	1532.862	2.23	Head	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_4083	IPASILAEFYPR	AGAP002884-PA	-	103	4.09E-10	1	1376.760	2.08	Visceras	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_4291	QIYPPVNVLPSLSR	AGAP002884-PA	-	72	2.58E-07	1	1582.901	3.69	Head	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_5167	QIYPPVNVLPSLSR	AGAP002884-PA	-	76	1.13E-07	1	1582.899	2.45	Malpighian tubule	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_6580	RIPASILAEFYPR	AGAP002884-PA	-	86	1.24E-08	1	1532.862	2.39	Malpighian tubule	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_6842	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl)	119	1.07E-11	1	2178.152	1.37	Male reproductive organs	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_7541	LALTAAEFLAYQCEK	AGAP002884-PA	C13(Carbamidomethyl)	97	3.23E-09	1	1727.873	3.53	Head	2R:+:28672881-28672925	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_7893	HVLVILTDMSSYAEALR	AGAP002884-PA	M9(Oxidation)	115	4.73E-11	1	1934.007	0.71	Salivary gland	2R:+:28672926-28672976	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_8476	NTVCEFTGDILR	AGAP002884-PA	C4(Carbamidomethyl)	99	1.77E-09	1	1424.688	2.81	Visceras	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_8510	QDFEENGSMENVCLFLNLANDPTIER	AGAP002884-PA	M9(Oxidation), N11(Deamidated), C13(Carbamidomethyl),"N6(Deamidated), M9(Oxidation), C13(Carbamidomethyl)"," M9(Oxidation), C13(Carbamidomethyl)"," Q1(Deamidated), M9(Oxidation), C13(Carbamidomethyl)"	126	2.54E-12	1	3071.377	1.45	Malpighian tubule	2R:+:28672788-28672865	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_9579	EHVLAVSR	AGAP002884-PA	-	53	3.82E-05	2	910.514	3.9	Larva	2R:+:28671019-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA

JHU_Ag_10724	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	-	101	2.36E-10	1	2012.147	1.87	Head	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_11135	NFISQGNYENR	AGAP002884-PA	Q5(Deamidated),N7(Deamidated)	68	1.63E-06	1	1341.613	-4.21	Head	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_12514	SGQVLEVSGSK	AGAP002884-PA	-	94	5.91E-09	1	1090.573	-0.81	Salivary gland	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_13606	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	135	4.51E-13	1	1896.885	0.83	Malpighian tubule	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_13907	RIPASILAEFYPR	AGAP002884-PA	-	49	7.76E-05	1	1532.857	-0.66	Male reproductive organs	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_14319	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	-	46	7.64E-05	2	2012.144	0.72	Ovary	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_15246	NTVCEFTGDILR	AGAP002884-PA	C4(Carbamidomethyl)	83	7.49E-08	1	1424.683	-0.87	Male reproductive organs	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_15945	TVSGVNGPLVILDEVK	AGAP002884-PA	-	105	9.89E-11	1	1639.931	2.43	Head	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_16552	NTVCEFTGDILR	AGAP002884-PA	C4(Carbamidomethyl)	110	1.45E-10	1	1424.686	1.36	Salivary gland	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_16685	RIPASILAEFYPR	AGAP002884-PA	-	68	7.87E-07	1	1532.860	0.77	Visceras	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_17069	AVVQVFEGTSGIDAK	AGAP002884-PA	-	112	7.79E-11	2	1520.803	4.73	Ovary	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_17291	HVLVILTDMSSYAEALR	AGAP002884-PA	M9(Oxidation)	151	9.95E-15	1	1918.013	1.25	Midgut	2R:+:28672926-28672976	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_18407	FEKNFISQGNYENR	AGAP002884-PA	-	105	5.09E-10	1	1745.828	2.26	Malpighian tubule	2R:+:28673424-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_19381	FAEIVQLR	AGAP002884-PA	-	67	1.44E-06	2	975.562	0.06	Salivary gland	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_19735	DHSDVSNQLYACYAIGK	AGAP002884-PA	C12(Carbamidomethyl)	102	7.11E-10	2	1940.882	0.39	Salivary gland	2R:+:28673292-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_19963	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl)	132	4.80E-13	1	2178.151	1.14	Pupa	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_20597	IYPEEMIQTGISAIDVMNSIAR	AGAP002884-PA	M17(Oxidation),"M6(Oxidation), M17(Oxidation)",M6(Oxidation)	82	8.82E-08	1	2451.226	-0.08	Midgut	2R:+:28672539-28672604	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_20824	EHVLAVSR	AGAP002884-PA	-	55	3.11E-05	1	910.510	-0.19	Malpighian tubule	2R:+:28671019-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_21440	AVVQVFEGTSGIDAK	AGAP002884-PA	-	136	3.28E-13	1	1520.795	-0.32	Malpighian tubule	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_21987	IPASILAEFYPR	AGAP002884-PA	-	103	4.60E-10	1	1376.761	2.7	Salivary gland	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_22553	LALTAAEFLAYQCEK	AGAP002884-PA	C13(Carbamidomethyl)	49	0.000194166	2	1727.874	3.75	Visceras	2R:+:28672881-28672925	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_22693	QIYPPVNVLPSLSR	AGAP002884-PA	-	67	8.35E-07	1	1582.897	1.3	Pupa	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_22956	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	135	4.23E-13	1	1896.886	1.28	Salivary gland	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_25896	KDHSDVSNQLYACYAIGK	AGAP002884-PA	C13(Carbamidomethyl)	74	6.65E-07	1	2068.989	6.35	Ovary	2R:+:28673289-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_27606	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	-	45	7.03E-05	1	2012.149	3.33	Larva	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_28349	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl),"N12(Deamidated), C19(Carbamidomethyl)"	147	1.71E-14	1	2178.148	-0.29	Salivary gland	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA

JHU_Ag_29638	TPVSEDMLGR	AGAP002884-PA	M7(Oxidation)	50	0.000144142	2	1120.532	1.81	Head	2R:+:28672343-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_29779	SAIGEGMTR	AGAP002884-PA	M7(Oxidation)	65	3.08E-06	1	937.441	0.42	Malpighian tubule	2R:+:28673262-28673288	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_29931	GPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	-	91	9.50E-09	2	2463.270	1.42	Midgut	2R:+:28672406-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_30470	RIPASILAEFYPR	AGAP002884-PA	-	64	2.16E-06	1	1532.860	1.07	Salivary gland	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_30652	IPASILAEFYPRDSR	AGAP002884-PA	-	45	0.000312839	1	1734.921	2.06	Malpighian tubule	2R:+:28673535-28673579	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_32189	TLSAHQAHKEHVLAVSR	AGAP002884-PA	-	134	3.60E-13	1	1884.018	-0.76	Malpighian tubule	2R:+:28670992-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_32762	IYPEEMIQTGISAIDVMNSIAR	AGAP002884-PA	M6(Oxidation), M17(Oxidation)	85	5.21E-08	2	2483.233	6.93	Larva	2R:+:28672539-28672604	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_33920	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	N6(Deamidated)	96	5.40E-10	1	2012.155	6.06	Salivary gland	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_33982	IYPEEMIQTGISAIDVMNSIAR	AGAP002884-PA	M17(Oxidation),"M6(Oxidation), M17(Oxidation)",M6(Oxidation)	147	2.97E-14	1	2451.233	3.06	Malpighian tubule	2R:+:28672539-28672604	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_34142	FFKQDFEENGSMENVCLFLNLANDPTIER	AGAP002884-PA	M12(Oxidation), C16(Carbamidomethyl)	72	7.33E-07	1	3493.609	1.45	Midgut	2R:+:28672779-28672865	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_34557	AVVGEEALTPDDLLYLEFLTK	AGAP002884-PA	-	32	0.005012774	2	2336.233	2.33	Head	2R:+:28673361-28673423	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_34740	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl)	157	1.61E-15	1	2178.150	0.47	Midgut	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_36133	AVVGEEALTPDDLLYLEFLTK	AGAP002884-PA	-	139	1.03E-13	1	2336.229	0.55	Salivary gland	2R:+:28673361-28673423	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_36289	SAIGEGMTR	AGAP002884-PA	M7(Oxidation)	42	0.000711715	1	937.447	6.08	Salivary gland	2R:+:28673262-28673288	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_36339	VFNGSGKPIDK	AGAP002884-PA	N3(Deamidated)	73	6.89E-07	1	1162.613	2.06	Malpighian tubule	2R:+:28672373-28672405	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_36507	GQKIPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C22(Carbamidomethyl)	150	8.49E-15	1	2491.325	0.32	Malpighian tubule	2R:+:28672605-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_36796	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl)	172	5.80E-17	1	2178.151	0.8	Head	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_39130	EHVLAVSR	AGAP002884-PA	-	44	0.000408153	2	910.510	-0.39	Midgut	2R:+:28671019-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_39505	VFNGSGKPIDKGPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	N3(Deamidated)	64	2.66E-06	1	3606.882	6.29	Larva	2R:+:28672373-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_39930	AVVGEEALTPDDLLYLEFLTKFEK	AGAP002884-PA	-	76	2.05E-07	1	2740.442	3.09	Malpighian tubule	2R:+:28673361-28673432	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_40190	VFNGSGKPIDK	AGAP002884-PA	N3(Deamidated)	75	4.26E-07	1	1161.630	3.43	Salivary gland	2R:+:28672373-28672405	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_40469	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	121	1.05E-11	1	1896.891	3.99	Head	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_40612	TVSGVNGPLVILDEVK	AGAP002884-PA	N6(Deamidated)	87	7.11E-09	1	1639.926	-0.32	Male reproductive organs	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_41056	SAIGEGMTR	AGAP002884-PA	M7(Oxidation)	42	0.000741862	2	937.440	-1.14	Ovary	2R:+:28673262-28673288	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_43224	SVLDEHEDNFAIVFAAMGVNMETAR	AGAP002884-PA	M17(Oxidation), M21(Oxidation)	37	0.002124311	3	2798.270	-2.23	Head	2R:+:28672704-28672778	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_43445	VFNGSGKPIDK	AGAP002884-PA	N3(Deamidated)	58	2.45E-05	1	1162.613	2.06	Midgut	2R:+:28672373-28672405	exon=> In CDS Exon 2 of transcript AGAP002884-PA

JHU_Ag_43783	SGQVLEVSGSK	AGAP002884-PA	-	54	7.20E-05	1	1090.578	3.44	Larva	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_44534	QLHNRQIYPPVNVLPSLSR	AGAP002884-PA	-	53	1.51E-05	1	2231.249	3.53	Malpighian tubule	2R:+:28673196-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_46014	AVVQVFEGTSGIDAK	AGAP002884-PA	-	119	1.78E-11	1	1520.796	0.56	Male reproductive organs	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_46279	FAEIVQLR	AGAP002884-PA	-	59	1.26E-05	2	975.561	-1.25	Male reproductive organs	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_47737	KDHSDVSNQLYACYAIGK	AGAP002884-PA	C13(Carbamidomethyl)	87	3.00E-08	1	2068.977	0.69	Visceras	2R:+:28673289-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_48976	LALTAAEFLAYQCEK	AGAP002884-PA	C13(Carbamidomethyl)	89	2.10E-08	1	1727.867	0.03	Salivary gland	2R:+:28672881-28672925	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_49053	HVLVILTDMSSYAEALR	AGAP002884-PA	M9(Oxidation)	86	3.31E-08	2	1934.009	2.04	Head	2R:+:28672926-28672976	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_49903	LALTAAEFLAYQCEK	AGAP002884-PA	C13(Carbamidomethyl)	119	2.27E-11	1	1727.871	1.84	Malpighian tubule	2R:+:28672881-28672925	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_50961	NFISQGNYENR	AGAP002884-PA	N1(Deamidated)	78	1.67E-07	2	1341.613	-3.84	Midgut	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_51603	RIPASILAEFYPR	AGAP002884-PA	-	68	7.50E-07	1	1532.859	0.35	Midgut	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_52152	NGSITQIPILTMPNDDITHPIPDLTGYITEGQIYVDR	AGAP002884-PA	N1(Deamidated)	170	7.16E-17	1	4112.055	0.42	Salivary gland	2R:+:28673085-28673195	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_53439	SVLDEHEDNFAIVFAAMGVNMETAR	AGAP002884-PA	M17(Oxidation), M21(Oxidation)	64	4.99E-06	3	2798.276	0.06	Salivary gland	2R:+:28672704-28672778	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_53778	EHVLAVSRDFISQPR	AGAP002884-PA	-	119	1.07E-11	1	1753.934	-0.1	Malpighian tubule	2R:+:28671019-28671063	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_54446	LALTAAEFLAYQCEK	AGAP002884-PA	C13(Carbamidomethyl)	78	2.82E-07	1	1727.864	-1.91	Ovary	2R:+:28672881-28672925	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_54692	TLSAHQAHK	AGAP002884-PA	-	47	0.000322376	1	992.530	2.38	Ovary	2R:+:28670992-28671018	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_55393	GPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	-	155	2.99E-15	1	2463.277	4	Malpighian tubule	2R:+:28672406-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_55987	SVLDEHEDNFAIVFAAMGVNMETAR	AGAP002884-PA	M17(Oxidation),"M17(Oxidation), M21(Oxidation)"	103	6.32E-10	1	2798.273	-1.05	Midgut	2R:+:28672704-28672778	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_56405	EHVLAVSR	AGAP002884-PA	-	51	7.03E-05	1	910.512	1.17	Salivary gland	2R:+:28671019-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_57417	TLSAHQAHK	AGAP002884-PA	-	50	0.000139547	1	992.520	-6.85	Head	2R:+:28670992-28671018	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_57617	IYPEEMIQTGISAIDVMNSIAR	AGAP002884-PA	M6(Oxidation), M17(Oxidation)	68	2.70E-06	2	2483.222	2.5	Salivary gland	2R:+:28672539-28672604	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_58492	NFISQGNYENR	AGAP002884-PA	-	40	0.000902041	2	1341.622	2.53	Ovary	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_59749	NFISQGNYENRTVFESLDIGWQLLR	AGAP002884-PA	-	38	0.002238429	3	2999.504	1	Malpighian tubule	2R:+:28673433-28673507	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_60506	SAIGEGMTR	AGAP002884-PA	M7(Oxidation)	65	3.14E-06	1	937.441	-0.23	Midgut	2R:+:28673262-28673288	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_60838	LALTAAEFLAYQCEK	AGAP002884-PA	C13(Carbamidomethyl)	100	1.83E-09	2	1727.868	0.28	Midgut	2R:+:28672881-28672925	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_62336	NTVCEFTGDILR	AGAP002884-PA	N1(Deamidated), C4(Carbamidomethyl),C4(Carbamidomethyl)	115	4.65E-11	1	1424.687	2.13	Malpighian tubule	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_62706	AVVGEEALTPDDLLYLEFLTK	AGAP002884-PA	-	56	2.33E-05	1	2336.227	0.03	Ovary	2R:+:28673361-28673423	exon=> In CDS Exon 3 of transcript AGAP002884-PA

JHU_Ag_63063	VFNGSGKPIDK	AGAP002884-PA	N3(Deamidated)	58	2.32E-05	1	1162.606	-3.72	Ovary	2R:+:28672373-28672405	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_63295	NFISQGNYENR	AGAP002884-PA	-	48	0.000134351	2	1341.612	-4.84	Visceras	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_63536	VFNGSGKPIDK	AGAP002884-PA	-	55	4.69E-05	1	1161.621	-4.66	Head	2R:+:28672373-28672405	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_63566	DHSDVSNQLYACYAIGKDVQAMK	AGAP002884-PA	C12(Carbamidomethyl), M22(Oxidation),C12(Carbamidomethyl)	152	9.82E-15	1	2613.212	1.8	Malpighian tubule	2R:+:28673292-28673360	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_64110	DHSDVSNQLYACYAIGK	AGAP002884-PA	C12(Carbamidomethyl)	57	2.28E-05	2	1940.879	-0.68	Midgut	2R:+:28673292-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_64452	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	N6(Deamidated)	86	7.45E-09	1	2012.147	2.3	Visceras	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_66203	FAEIVQLRLSDGTVR	AGAP002884-PA	-	65	2.03E-06	1	1703.945	0.41	Malpighian tubule	2R:+:28672184-28672228	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_66560	NTVCEFTGDILR	AGAP002884-PA	C4(Carbamidomethyl)	92	9.70E-09	1	1424.687	2.13	Head	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_67222	DFISQPR	AGAP002884-PA	-	51	0.000137858	1	862.442	0.49	Salivary gland	2R:+:28671043-28671063	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_67768	AVVGEEALTPDDLLYLEFLTKFEK	AGAP002884-PA	-	69	1.00E-06	1	2740.430	-1.05	Midgut	2R:+:28673361-28673432	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_68266	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	88	1.79E-08	1	1912.875	-2	Male reproductive organs	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_68713	AVVQVFEGTSGIDAK	AGAP002884-PA	-	121	1.33E-11	1	1520.791	-2.89	Salivary gland	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_69503	FAEIVQLR	AGAP002884-PA	-	67	1.53E-06	2	975.562	-0.12	Midgut	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_69719	SVLDEHEDNFAIVFAAMGVNMETAR	AGAP002884-PA	M17(Oxidation),"M17(Oxidation), M21(Oxidation)",M21(Oxidation)	142	8.50E-14	1	2782.289	2.93	Malpighian tubule	2R:+:28672704-28672778	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_70535	FAEIVQLR	AGAP002884-PA	-	45	0.000301624	2	975.561	-1.75	Ovary	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_70925	VFNGSGKPIDKGPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	-	115	2.01E-11	1	3605.888	3.48	Head	2R:+:28672373-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_71088	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	115	4.30E-11	1	1912.876	-1.43	Visceras	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_71126	SAIGEGMTRK	AGAP002884-PA	M7(Oxidation)	43	0.000914986	1	1065.537	0.83	Malpighian tubule	2R:+:28673262-28673291	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_72143	VFNGSGKPIDKGPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	N3(Deamidated)	143	3.23E-14	1	3606.869	2.79	Malpighian tubule	2R:+:28672373-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_73009	TVFESLDIGWQLLR	AGAP002884-PA	-	115	2.85E-11	1	1676.906	3.11	Malpighian tubule	2R:+:28673466-28673507	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_73911	AVVQVFEGTSGIDAK	AGAP002884-PA	-	75	4.31E-07	2	1520.799	2.49	Pupa	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_74791	NFISQGNYENR	AGAP002884-PA	-	75	3.57E-07	1	1341.618	-0.39	Pupa	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_75146	TLSAHQAHK	AGAP002884-PA	-	53	6.55E-05	1	992.527	-0.27	Male reproductive organs	2R:+:28670992-28671018	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_75303	AVVQVFEGTSGIDAK	AGAP002884-PA	-	119	1.65E-11	2	1520.798	1.6	Head	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_75453	SGQVLEVSGSK	AGAP002884-PA	-	71	1.09E-06	1	1090.574	0.08	Ovary	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA

JHU_Ag_75578	EHVLAVSR	AGAP002884-PA	-	41	0.000728159	1	910.511	0.62	Ovary	2R:+:28671019-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_75766	RIPASILAEFYPR	AGAP002884-PA	-	58	8.61E-06	1	1532.857	-1.2	Ovary	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_76609	FAEIVQLR	AGAP002884-PA	-	66	2.85E-06	2	975.560	-2.19	Malpighian tubule	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_76757	VFNGSGKPIDKGPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	N3(Deamidated)	103	2.78E-10	1	3605.885	2.74	Visceras	2R:+:28672373-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_76807	FAEIVQLR	AGAP002884-PA	-	58	1.04E-05	2	975.564	1.82	Larva	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_77269	TPVSEDMLGR	AGAP002884-PA	M7(Oxidation)	77	3.71E-07	1	1104.537	1.1	Malpighian tubule	2R:+:28672343-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_77382	TVSGVNGPLVILDEVK	AGAP002884-PA	N6(Deamidated)	67	6.14E-07	1	1639.930	2.28	Larva	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_78686	GPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	-	65	3.25E-06	2	2463.272	2.11	Head	2R:+:28672406-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_78764	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	-	87	6.64E-09	1	2012.140	-1.28	Male reproductive organs	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_79548	DHSDVSNQLYACYAIGK	AGAP002884-PA	C12(Carbamidomethyl)	141	8.73E-14	1	1940.881	-0.11	Malpighian tubule	2R:+:28673292-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_79646	EHVLAVSR	AGAP002884-PA	-	52	6.90E-05	1	910.509	-2.05	Head	2R:+:28671019-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_79841	VFNGSGKPIDKGPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	N3(Deamidated)	84	2.78E-08	1	3605.879	1.07	Salivary gland	2R:+:28672373-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_80446	AVVQVFEGTSGIDAKNTVCEFTGDILR	AGAP002884-PA	C19(Carbamidomethyl)	203	5.76E-20	1	2926.467	1.77	Malpighian tubule	2R:+:28672262-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_80843	TVSGVNGPLVILDEVK	AGAP002884-PA	N6(Deamidated)	84	1.52E-08	1	1639.922	-2.85	Midgut	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_81392	SGQVLEVSGSK	AGAP002884-PA	-	94	5.97E-09	1	1090.576	1.54	Malpighian tubule	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_81450	TLSAHQAHKEHVLAVSR	AGAP002884-PA	-	50	8.54E-05	1	1884.019	-0.71	Salivary gland	2R:+:28670992-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_81909	IPASILAEFYPR	AGAP002884-PA	-	103	4.74E-10	1	1376.761	2.79	Pupa	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_82418	KDHSDVSNQLYACYAIGK	AGAP002884-PA	C13(Carbamidomethyl)	166	3.93E-16	1	2068.972	-1.58	Head	2R:+:28673289-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_83421	QIYPPVNVLPSLSR	AGAP002884-PA	-	73	2.60E-07	1	1582.895	0.06	Midgut	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_84241	TVFESLDIGWQLLR	AGAP002884-PA	-	77	1.65E-07	2	1676.909	5.08	Head	2R:+:28673466-28673507	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_84528	NFISQGNYENR	AGAP002884-PA	N1(Deamidated)	92	5.76E-09	1	1341.620	1.62	Malpighian tubule	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_85343	FAEIVQLR	AGAP002884-PA	-	36	0.002620994	2	975.562	-0.75	Pupa	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_86026	FAEIVQLR	AGAP002884-PA	-	41	0.000563938	2	975.562	-0.06	Head	2R:+:28672184-28672207	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_86701	TVSGVNGPLVILDEVK	AGAP002884-PA	N6(Deamidated)	97	5.92E-10	1	1639.928	0.87	Ovary	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_86810	SGQVLEVSGSK	AGAP002884-PA	-	73	7.72E-07	1	1090.572	-1.6	Head	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_87644	TVFESLDIGWQLLR	AGAP002884-PA	-	111	7.64E-11	1	1676.905	2.68	Midgut	2R:+:28673466-28673507	exon=> In CDS Exon 3 of transcript AGAP002884-PA

JHU_Ag_87988	SGQVLEVSGSK	AGAP002884-PA	-	62	8.75E-06	2	1090.572	-1.37	Visceras	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_88024	SGQVLEVSGSKAVVQVFEGTSGIDAK	AGAP002884-PA	-	48	0.000108346	1	2592.357	1.93	Malpighian tubule	2R:+:28672229-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_88334	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	150	1.39E-14	1	1912.879	0.17	Midgut	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_89633	TPVSEDMLGR	AGAP002884-PA	M7(Oxidation)	76	4.36E-07	2	1104.537	1.32	Salivary gland	2R:+:28672343-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_89742	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl)	133	3.76E-13	1	2178.157	3.66	Larva	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_89998	TVSGVNGPLVILDEVK	AGAP002884-PA	N6(Deamidated)	100	3.17E-10	1	1639.930	1.84	Salivary gland	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_90330	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	72	9.06E-07	1	1912.879	0.42	Ovary	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_90684	IYPEEMIQTGISAIDVMNSIAR	AGAP002884-PA	M6(Oxidation), M17(Oxidation)	129	2.10E-12	1	2483.216	0.21	Ovary	2R:+:28672539-28672604	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_90785	IYPEEMIQTGISAIDVMNSIAR	AGAP002884-PA	-	45	0.000452608	3	2451.234	3.28	Visceras	2R:+:28672539-28672604	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_90972	IFPKEMLK	AGAP002884-PA	M6(Oxidation)	37	0.001943208	2	1021.575	-0.24	Malpighian tubule	2R:+:28673508-28673531	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_91137	EHVLAVSR	AGAP002884-PA	-	49	9.10E-05	1	910.522	12.9	Male reproductive organs	2R:+:28671019-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_91594	TLSAHQAHKEHVLAVSR	AGAP002884-PA	-	116	2.10E-11	1	1884.021	0.34	Head	2R:+:28670992-28671042	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_91872	IYPEEMIQTGISAIDVMNSIAR	AGAP002884-PA	M6(Oxidation)	49	0.000189606	1	2467.233	4.85	Head	2R:+:28672539-28672604	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_92101	KDHSDVSNQLYACYAIGK	AGAP002884-PA	C13(Carbamidomethyl)	113	6.90E-11	1	2068.976	-0.04	Salivary gland	2R:+:28673289-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_92371	NTVCEFTGDILR	AGAP002884-PA	C4(Carbamidomethyl)	68	2.35E-06	2	1424.688	2.9	Pupa	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_92415	NFISQGNYENR	AGAP002884-PA	N1(Deamidated)	88	1.40E-08	1	1341.621	2.25	Salivary gland	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_92725	TVSGVNGPLVILDEVK	AGAP002884-PA	N6(Deamidated)	81	2.38E-08	2	1639.934	4.29	Pupa	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_93103	SGQVLEVSGSK	AGAP002884-PA	-	63	7.19E-06	1	1090.585	10.34	Male reproductive organs	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_93880	KDHSDVSNQLYACYAIGK	AGAP002884-PA	C13(Carbamidomethyl)	102	9.95E-10	1	2068.975	-0.28	Midgut	2R:+:28673289-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_94156	IPASILAEFYPR	AGAP002884-PA	-	105	2.61E-10	2	1376.762	3.41	Larva	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_94497	IPASILAEFYPR	AGAP002884-PA	-	102	6.09E-10	1	1376.758	0.66	Ovary	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_94714	FFKQDFEENGSMENVCLFLNLANDPTIER	AGAP002884-PA	M12(Oxidation), C16(Carbamidomethyl),C16(Carbamidomethyl),"Q4(Deamidated), M12(Oxidation), C16(Carbamidomethyl)","N9(Deamidated), M12(Oxidation), C16(Carbamidomethyl)","M12(Oxidation), N14(Deamidated), C16(Carbamidomethyl)"	178	1.53E-17	1	3493.601	-0.75	Malpighian tubule	2R:+:28672779-28672865	exon=> In CDS Exon 3 of transcript AGAP002884-PA

JHU_Ag_95192	QIYPPVNVLPSLSR	AGAP002884-PA	-	73	2.32E-07	1	1582.898	1.84	Salivary gland	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_96163	HVLVILTDMSSYAEALR	AGAP002884-PA	-	97	2.80E-09	1	1918.012	0.96	Visceras	2R:+:28672926-28672976	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_96226	QIYPPVNVLPSLSR	AGAP002884-PA	-	60	4.41E-06	1	1582.901	3.53	Ovary	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_96357	RGFPGYMYTDLATIYER	AGAP002884-PA	M7(Oxidation)	113	8.31E-11	1	2052.992	3.36	Malpighian tubule	2R:+:28673013-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_96490	HVLVILTDMSSYAEALR	AGAP002884-PA	M9(Oxidation)	168	1.82E-16	1	1918.016	3.03	Malpighian tubule	2R:+:28672926-28672976	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_96519	DFISQPR	AGAP002884-PA	-	46	0.000455 44	1	862.441	-0.88	Pupa	2R:+:28671043-28671063	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_98241	QIYPPVNVLPSLSR	AGAP002884-PA	-	72	2.83E-07	1	1582.896	0.45	Visceras	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_98534	HVLVILTDMSSYAEALREVSAAR	AGAP002884-PA	M9(Oxidation)	120	9.14E-12	1	2531.334	2.12	Malpighian tubule	2R:+:28672926-28672994	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_98746	LALTAAEFLAYQCEK	AGAP002884-PA	Q12(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	106	3.98E-10	1	1727.864	-1.91	Male reproductive organs	2R:+:28672881-28672925	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_99142	FFKQDFEENGSMENVCLFLNLANDPTIER	AGAP002884-PA	M12(Oxidation), C16(Carbamidomethyl)	55	4.02E-05	1	3493.614	2.81	Head	2R:+:28672779-28672865	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_99210	TPVSEDMLGR	AGAP002884-PA	M7(Oxidation)	53	6.28E-05	2	1120.529	-0.91	Male reproductive organs	2R:+:28672343-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_100357	DHSDVSNQLYACYAIGK	AGAP002884-PA	C12(Carbamidomethyl)	100	1.07E-09	1	1940.883	1.34	Head	2R:+:28673292-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_100404	IPASILAEFYPR	AGAP002884-PA	-	105	2.88E-10	1	1376.761	2.96	Head	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_100734	DFISQPR	AGAP002884-PA	-	51	0.000148 058	1	862.443	1.48	Malpighian tubule	2R:+:28671043-28671063	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_102517	AVVGEEALTPDDLLYLEFLTK	AGAP002884-PA	-	135	2.53E-13	1	2336.230	0.97	Malpighian tubule	2R:+:28673361-28673423	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_103523	TPVSEDMLGR	AGAP002884-PA	M7(Oxidation)	66	3.54E-06	2	1104.533	-1.77	Midgut	2R:+:28672343-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_104435	TVSGVNGPLVILDEVK	AGAP002884-PA	-	98	5.79E-10	1	1639.930	1.84	Visceras	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_104942	GFPGYMYTDLATIYER	AGAP002884-PA	M6(Oxidation)	83	6.46E-08	1	1912.885	3.29	Larva	2R:+:28673016-28673063	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_105649	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	N6(Deamidated)	113	1.50E-11	1	2012.143	0.24	Malpighian tubule	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_105865	IPASILAEFYPR	AGAP002884-PA	-	103	4.50E-10	1	1376.759	1.28	Malpighian tubule	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_106672	DFISQPR	AGAP002884-PA	-	51	0.000149 428	1	862.442	0.56	Head	2R:+:28671043-28671063	exon=> In CDS Exon 1 of transcript AGAP002884-PA
JHU_Ag_108995	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	N6(Deamidated)	87	6.34E-09	1	2012.140	-1.4	Midgut	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_109222	NTVCEFTGDILR	AGAP002884-PA	C4(Carbamidomethyl)	75	4.89E-07	2	1424.684	0.24	Midgut	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_109235	SGQVLEVSGSK	AGAP002884-PA	-	77	2.76E-07	1	1090.574	0.04	Midgut	2R:+:28672229-28672261	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_109362	EEVPGRR	AGAP002884-PA	-	33	0.004000 319	1	842.450	1.86	Malpighian tubule	2R:+:28672995-28673015	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_109388	TVSGVNGPLVILDEVK	AGAP002884-PA	N6(Deamidated)	105	1.81E-10	1	1640.909	-0.92	Malpighian tubule	2R:+:28672127-28672174	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_109983	SVLDEHEDNFAIVFAAMGVNMETAR	AGAP002884-PA	M17(Oxidation), M21(Oxidation)	115	3.87E-11	1	2798.281	1.57	Ovary	2R:+:28672704-28672778	exon=> In CDS Exon 3 of transcript AGAP002884-PA

JHU_Ag_110127	NFISQGNYENR	AGAP002884-PA	-	45	0.000328855	2	1341.615	-2.57	Male reproductive organs	2R:+:28673433-28673465	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_110247	TVSGVNGPLVILDEVKFPK	AGAP002884-PA	N6(Deamidated)	46	6.37E-05	1	2013.132	2.5	Pupa	2R:+:28672127-28672183	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_110922	VFNGSGKPIDKGPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	-	32	0.003765997	1	3605.881	1.65	Ovary	2R:+:28672373-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_111206	AVVQVFEGTSGIDAK	AGAP002884-PA	-	117	2.93E-11	2	1520.794	-0.8	Midgut	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_111316	NTVCEFTGDILRTPVSEDMLGR	AGAP002884-PA	C4(Carbamidomethyl), M19(Oxidation)	66	3.30E-06	1	2526.198	0.51	Malpighian tubule	2R:+:28672307-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_111464	NGSITQIPILTMPNDDITHPIPDLTGYITEGQIYVDR	AGAP002884-PA	N1(Deamidated), M12(Oxidation),"Q6(Deamidated), M12(Oxidation)",M12(Oxidation),"M12(Oxidation), Q32(Deamidated)"	183	4.46E-18	1	4127.055	-2.31	Malpighian tubule	2R:+:28673085-28673195	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_111546	RIPASILAEFYPR	AGAP002884-PA	-	63	3.24E-06	1	1532.857	-0.66	Pupa	2R:+:28673532-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_112851	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	Q17(Deamidated), C19(Carbamidomethyl),C19(Carbamidomethyl),"N12(Deamidated), C19(Carbamidomethyl)"	178	1.26E-17	1	2178.152	1.39	Malpighian tubule	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_113140	TPVSEDMLGR	AGAP002884-PA	M7(Oxidation)	62	9.98E-06	2	1120.526	-3.64	Ovary	2R:+:28672343-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_113790	QIYPPVNVLPSLSR	AGAP002884-PA	-	52	3.17E-05	2	1582.896	0.53	Male reproductive organs	2R:+:28673211-28673252	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_113882	IPASILAEFYPR	AGAP002884-PA	-	105	2.45E-10	2	1376.761	2.96	Midgut	2R:+:28673535-28673570	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_113927	IPIFSAAGLPHNEIAAQICR	AGAP002884-PA	C19(Carbamidomethyl)	187	1.61E-18	1	2178.151	0.97	Ovary	2R:+:28672614-28672673	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_115051	KDHSDVSNQLYACYAIGK	AGAP002884-PA	C13(Carbamidomethyl)	159	2.11E-15	1	2068.981	2.79	Malpighian tubule	2R:+:28673289-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_115062	TPVSEDMLGR	AGAP002884-PA	M7(Oxidation)	66	3.35E-06	1	1104.536	0.33	Visceras	2R:+:28672343-28672372	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_115150	AVVQVFEGTSGIDAK	AGAP002884-PA	-	104	4.93E-10	1	1520.797	0.96	Visceras	2R:+:28672262-28672306	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_116174	NTVCEFTGDILR	AGAP002884-PA	C4(Carbamidomethyl)	103	7.32E-10	1	1424.686	1.61	Ovary	2R:+:28672307-28672342	exon=> In CDS Exon 2 of transcript AGAP002884-PA
JHU_Ag_117128	GPPILAEDFLDIQGQPINPWSR	AGAP002884-PA	-	171	7.87E-17	1	2463.285	7.19	Salivary gland	2R:+:28672406-28672444,28672512-28672538	exon=> In CDS Exon 2 and 3 of transcript AGAP002884-PA
JHU_Ag_117271	KDHSDVSNQLYACYAIGK	AGAP002884-PA	C13(Carbamidomethyl)	121	1.13E-11	1	2068.968	-3.82	Male reproductive organs	2R:+:28673289-28673342	exon=> In CDS Exon 3 of transcript AGAP002884-PA
JHU_Ag_112	HIAAALAVGAVATMADKWR	AGAP002889-PA	M14(Oxidation)	64	3.46E-06	1	1952.056	1.18	Midgut	2R:-:28938487-28938431	exon=> In CDS Exon 2 of transcript AGAP002889-PA
JHU_Ag_2186	KYADVLEYWQPIR	AGAP002889-PA	-	100	1.17E-09	1	1680.881	3.83	Head	2R:-:28938253-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_4945	HYIQLHPEDFPTPER	AGAP002889-PA	-	107	3.11E-10	1	1878.917	1.88	Malpighian tubule	2R:-:28938394-28938498,28938212-28938257	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA

JHU_Ag_5185	HYIQLHPEDFPTPERK	AGAP002889-PA	-	33	0.007554185	1	2007.005	-1.44	Head	2R:-:28938394-28938498,28938212-28938254	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA
JHU_Ag_7282	DATFRHYIQLHPEDFPTPER	AGAP002889-PA	-	74	6.08E-07	1	2469.201	2.49	Malpighian tubule	2R:-:28938409-28938498,28938212-28938257	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA
JHU_Ag_15515	HYIQLHPEDFPTPER	AGAP002889-PA	Q4(Deamidated)	94	6.61E-09	1	1878.915	0.65	Head	2R:-:28938394-28938498,28938212-28938257	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA
JHU_Ag_16699	KYADVLEYWQPIR	AGAP002889-PA	-	107	2.77E-10	1	1680.879	2.67	Visceras	2R:-:28938253-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_18926	HYIQLHPEDFPTPER	AGAP002889-PA	Q4(Deamidated)	100	1.61E-09	1	1878.907	-3.65	Midgut	2R:-:28938394-28938498,28938212-28938257	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA
JHU_Ag_19493	SPQELLSGSFTK	AGAP002889-PA	-	56	4.13E-05	2	1293.670	0.99	Salivary gland	2R:-:28938735-28938700	exon=> In CDS Exon 1 of transcript AGAP002889-PA
JHU_Ag_19815	SPQELLSGSFTK	AGAP002889-PA	-	102	1.03E-09	1	1293.670	1.18	Visceras	2R:-:28938735-28938700	exon=> In CDS Exon 1 of transcript AGAP002889-PA
JHU_Ag_20835	YADVLEYWQPIR	AGAP002889-PA	-	93	7.68E-09	1	1552.785	3.59	Visceras	2R:-:28938250-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_21193	HYIQLHPEDFPTPER	AGAP002889-PA	-	85	5.23E-08	1	1878.919	2.73	Ovary	2R:-:28938394-28938498,28938212-28938257	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA
JHU_Ag_23174	SPQELLSGSFTK	AGAP002889-PA	-	107	3.47E-10	1	1293.666	-2.12	Midgut	2R:-:28938735-28938700	exon=> In CDS Exon 1 of transcript AGAP002889-PA
JHU_Ag_25275	HYIQLHPEDFPTPER	AGAP002889-PA	-	89	2.30E-08	1	1878.917	1.71	Visceras	2R:-:28938394-28938498,28938212-28938257	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA
JHU_Ag_26062	SPQELLSGSFTK	AGAP002889-PA	-	99	1.89E-09	1	1293.669	0.14	Head	2R:-:28938735-28938700	exon=> In CDS Exon 1 of transcript AGAP002889-PA
JHU_Ag_30691	DAHFAEK	AGAP002889-PA	-	42	0.000505391	1	817.383	-0.64	Head	2R:-:28938430-28938410	exon=> In CDS Exon 2 of transcript AGAP002889-PA
JHU_Ag_33913	YADVLEYWQPIR	AGAP002889-PA	-	53	8.43E-05	1	1552.782	1.39	Salivary gland	2R:-:28938250-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_35184	SPQELLSGSFTK	AGAP002889-PA	-	99	1.80E-09	1	1293.671	2.22	Malpighian tubule	2R:-:28938735-28938700	exon=> In CDS Exon 1 of transcript AGAP002889-PA
JHU_Ag_43957	YADVLEYWQPIR	AGAP002889-PA	-	86	4.15E-08	2	1552.786	3.91	Head	2R:-:28938250-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_44338	DAHFAEK	AGAP002889-PA	-	49	8.97E-05	1	817.385	0.8	Malpighian tubule	2R:-:28938430-28938410	exon=> In CDS Exon 2 of transcript AGAP002889-PA
JHU_Ag_46828	KYADVLEYWQPIR	AGAP002889-PA	-	45	0.000374474	3	1680.879	2.51	Malpighian tubule	2R:-:28938253-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_55396	HYIQLHPEDFPTPERK	AGAP002889-PA	-	40	0.00167049	1	2007.001	-3.73	Midgut	2R:-:28938394-28938498,28938212-28938254	exon=> In CDS Exon 3 and 2 of transcript AGAP002889-PA
JHU_Ag_64664	KYADVLEYWQPIR	AGAP002889-PA	-	97	2.71E-09	1	1680.875	0.49	Midgut	2R:-:28938253-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_72912	YADVLEYWQPIR	AGAP002889-PA	-	43	0.000846153	2	1552.782	1.79	Ovary	2R:-:28938250-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_74590	YADVLEYWQPIR	AGAP002889-PA	-	80	1.63E-07	1	1552.776	-2.07	Midgut	2R:-:28938250-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_77062	HIAAALAVGAVATMADK	AGAP002889-PA	-	40	0.00107466	3	1609.874	0.34	Midgut	2R:-:28938487-28938437	exon=> In CDS Exon 2 of transcript AGAP002889-PA
JHU_Ag_77574	HIAAALAVGAVATMADK	AGAP002889-PA	M14(Oxidation)	128	1.53E-12	1	1625.869	0.77	Head	2R:-:28938487-28938437	exon=> In CDS Exon 2 of transcript AGAP002889-PA

JHU_Ag_94323	DAHFAEKDATFR	AGAP002889-PA	-	59	1.88E-05	1	1407.668	2.13	Malpighian tubule	2R:-:28938430-28938395	exon=> In CDS Exon 2 of transcript AGAP002889-PA
JHU_Ag_100238	HIAAALAVGAVATMADKWR	AGAP002889-PA	-	55	2.15E-05	1	1952.064	5.59	Visceras	2R:-:28938487-28938431	exon=> In CDS Exon 2 of transcript AGAP002889-PA
JHU_Ag_101764	YADVLEYWQPIR	AGAP002889-PA	-	98	2.81E-09	1	1552.787	4.69	Malpighian tubule	2R:-:28938250-28938215	exon=> In CDS Exon 3 of transcript AGAP002889-PA
JHU_Ag_114256	SPQELLSGSFTK	AGAP002889-PA	-	96	4.14E-09	1	1293.670	1.28	Ovary	2R:-:28938735-28938700	exon=> In CDS Exon 1 of transcript AGAP002889-PA
JHU_Ag_24015	IQHTYDDLQNQTNLALER	AGAP002890-PA	-	38	0.002254391	1	2172.072	1.79	Malpighian tubule	2R:+:28942868-28942915,28943295-28943300	exon=> In CDS Exon 4 and 5 of transcript AGAP002890-PA
JHU_Ag_44753	IQHTYDDLQNQTNLALER	AGAP002890-PA	-	150	1.67E-14	1	2172.075	3.2	Head	2R:+:28942868-28942915,28943295-28943300	exon=> In CDS Exon 4 and 5 of transcript AGAP002890-PA
JHU_Ag_96734	IQHTYDDLQNQTNLALER	AGAP002890-PA	-	130	1.47E-12	1	2172.071	1.51	Visceras	2R:+:28942868-28942915,28943295-28943300	exon=> In CDS Exon 4 and 5 of transcript AGAP002890-PA
JHU_Ag_99830	IQHTYDDLQNQTNLALER	AGAP002890-PA	-	105	5.02E-10	1	2172.076	3.81	Salivary gland	2R:+:28942868-28942915,28943295-28943300	exon=> In CDS Exon 4 and 5 of transcript AGAP002890-PA
JHU_Ag_701	YLPTEPQDQPDSCGAAPPADDSNEMHVVK	AGAP002890-PA,AGAP002890-PB	C13(Carbamidomethyl), M25(Oxidation)	63	4.06E-06	1	3184.384	0	Visceras	2R:+:28941882-28941915,28942362-28942414;2R:+:28941882-28941915,28942362-28942414	exon=> In CDS Exon 3 and 4 of transcript AGAP002890-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002890-PB
JHU_Ag_12230	TLEQVAVLLTR	AGAP002890-PA,AGAP002890-PB	-	83	2.11E-08	2	1242.743	0.94	Salivary gland	2R:+:28942640-28942672;2R:+:28942640-28942672	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_14570	YLSKDEPENQARPR	AGAP002890-PA,AGAP002890-PB	-	72	1.23E-06	1	1702.847	-2.14	Midgut	2R:+:28942598-28942639;2R:+:28942598-28942639	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_16622	YLPTEPQDQPDSCGAAPPADDSNEMHVVK	AGAP002890-PA,AGAP002890-PB	C13(Carbamidomethyl), M25(Oxidation),C13(Carbamidomethyl)	62	4.69E-06	1	3168.383	-1.65	Head	2R:+:28941882-28941915,28942362-28942414;2R:+:28941882-28941915,28942362-28942414	exon=> In CDS Exon 3 and 4 of transcript AGAP002890-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002890-PB
JHU_Ag_17501	TLEQVAVLLTR	AGAP002890-PA,AGAP002890-PB	-	88	5.99E-09	2	1242.747	3.89	Visceras	2R:+:28942640-28942672;2R:+:28942640-28942672	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_18023	TLEQVAVLLTR	AGAP002890-PA,AGAP002890-PB	-	76	9.53E-08	2	1242.747	4.19	Ovary	2R:+:28942640-28942672;2R:+:28942640-28942672	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_19989	AATLSEASGLVHR	AGAP002890-PA,AGAP002890-PB	-	88	1.41E-08	1	1311.705	2.22	Malpighian tubule	2R:+:28942829-28942867;2R:+:28942829-28942867	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_26173	ELVHHFLFATER	AGAP002890-PA,AGAP002890-PB	-	63	7.28E-06	1	1498.781	0.33	Malpighian tubule	2R:+:28942760-28942795;2R:+:28942760-28942795	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_32465	NLGHAVLESR	AGAP002890-PA,AGAP002890-PB	-	73	4.62E-07	1	1095.590	-0.18	Malpighian tubule	2R:+:28941786-28941815;2R:+:28941786-28941815	exon=> In CDS Exon 3 of transcript AGAP002890-PA;exon=> In CDS Exon 3 of transcript AGAP002890-PB

JHU_Ag_36063	ELVHHFLFATER	AGAP002890-PA,AGAP002890-PB	-	72	8.92E-07	1	1498.779	-0.47	Visceras	2R:+:28942760-28942795;2R:+:28942760-28942795	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_37175	TLEQVAVLLTR	AGAP002890-PA,AGAP002890-PB	-	92	2.49E-09	1	1242.745	2.32	Head	2R:+:28942640-28942672;2R:+:28942640-28942672	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_38075	ELVHHFLFATER	AGAP002890-PA,AGAP002890-PB	-	56	3.51E-05	1	1498.784	2.53	Ovary	2R:+:28942760-28942795;2R:+:28942760-28942795	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_42239	NLGHAVLESR	AGAP002890-PA,AGAP002890-PB	-	48	0.000156456	1	1095.583	-6.98	Head	2R:+:28941786-28941815;2R:+:28941786-28941815	exon=> In CDS Exon 3 of transcript AGAP002890-PA;exon=> In CDS Exon 3 of transcript AGAP002890-PB
JHU_Ag_42508	MVHLINFVTGAVTR	AGAP002890-PA,AGAP002890-PB	M1(Oxidation)	54	4.41E-05	1	1573.854	1.31	Head	2R:+:28942688-28942729;2R:+:28942688-28942729	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_45200	TLEQVAVLLTR	AGAP002890-PA,AGAP002890-PB	-	73	1.83E-07	2	1242.746	3.4	Malpighian tubule	2R:+:28942640-28942672;2R:+:28942640-28942672	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_46073	AATLSEASGLVHR	AGAP002890-PA,AGAP002890-PB	-	88	1.63E-08	1	1311.703	1.38	Visceras	2R:+:28942829-28942867;2R:+:28942829-28942867	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_64900	IDGALVVCDKYVER	AGAP002890-PA,AGAP002890-PB	C8(Carbamidomethyl)	66	3.71E-06	1	1636.841	2.96	Ovary	2R:+:28941840-28941881;2R:+:28941840-28941881	exon=> In CDS Exon 3 of transcript AGAP002890-PA;exon=> In CDS Exon 3 of transcript AGAP002890-PB
JHU_Ag_67900	LAVFLSGR	AGAP002890-PA,AGAP002890-PB	-	53	2.53E-05	2	862.517	2.7	Head	2R:+:28943301-28943324;2R:+:28943301-28943324	exon=> In CDS Exon 5 of transcript AGAP002890-PA;exon=> In CDS Exon 6 of transcript AGAP002890-PB
JHU_Ag_68476	AATLSEASGLVHR	AGAP002890-PA,AGAP002890-PB	-	58	1.54E-05	1	1311.705	2.59	Ovary	2R:+:28942829-28942867;2R:+:28942829-28942867	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_68525	LAVFLSGR	AGAP002890-PA,AGAP002890-PB	-	42	0.000396199	2	862.514	-1.12	Visceras	2R:+:28943301-28943324;2R:+:28943301-28943324	exon=> In CDS Exon 5 of transcript AGAP002890-PA;exon=> In CDS Exon 6 of transcript AGAP002890-PB
JHU_Ag_74242	YLSKDEPENQARPR	AGAP002890-PA,AGAP002890-PB	-	65	6.44E-06	1	1702.855	2.54	Ovary	2R:+:28942598-28942639;2R:+:28942598-28942639	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_74344	ELVHHFLFATER	AGAP002890-PA,AGAP002890-PB	-	75	3.81E-07	1	1498.781	0.66	Head	2R:+:28942760-28942795;2R:+:28942760-28942795	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_75784	QSTEAVHVVAYAAELIATNPR	AGAP002890-PA,AGAP002890-PB	-	47	0.000194457	1	2240.176	4.07	Ovary	2R:+:28942502-28942564;2R:+:28942502-28942564	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_76283	AVELWR	AGAP002890-PA,AGAP002890-PB	-	37	0.004306721	2	773.432	1.78	Head	2R:+:28942580-28942597;2R:+:28942580-28942597	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_80108	LAVFLSGR	AGAP002890-PA,AGAP002890-PB	-	43	0.000284029	2	862.518	3.91	Salivary gland	2R:+:28943301-28943324;2R:+:28943301-28943324	exon=> In CDS Exon 5 of transcript AGAP002890-PA;exon=> In CDS Exon 6 of transcript AGAP002890-PB
JHU_Ag_83679	TLEQVAVLLTR	AGAP002890-PA,AGAP002890-PB	-	25	0.01267827	2	1242.740	-1.02	Midgut	2R:+:28942640-28942672;2R:+:28942640-28942672	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_85145	AVELWR	AGAP002890-PA,AGAP002890-PB	-	40	0.001897347	1	773.431	0.44	Malpighian tubule	2R:+:28942580-28942597;2R:+:28942580-28942597	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB

JHU_Ag_87097	AATLSEASGLVHR	AGAP002890-PA,AGAP002890-PB	-	79	1.16E-07	1	1311.704	2.13	Head	2R:+:28942829-28942867;2R:+:28942829-28942867	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_88536	YLSKDEPENQARPR	AGAP002890-PA,AGAP002890-PB	-	63	9.64E-06	1	1702.850	-0.25	Visceras	2R:+:28942598-28942639;2R:+:28942598-28942639	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_91828	YLPTEPQDQPDSCGAAPPADDSNEMHVVK	AGAP002890-PA,AGAP002890-PB	C13(Carbamidomethyl)	44	0.000273962	1	3168.383	-1.76	Malpighian tubule	2R:+:28941882-28941915,28942362-28942414;2R:+:28941882-28941915,28942362-28942414	exon=> In CDS Exon 3 and 4 of transcript AGAP002890-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP002890-PB
JHU_Ag_94841	AVELWR	AGAP002890-PA,AGAP002890-PB	-	45	0.000671656	1	773.431	0.84	Visceras	2R:+:28942580-28942597;2R:+:28942580-28942597	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_106166	YLSKDEPENQARPR	AGAP002890-PA,AGAP002890-PB	-	60	1.73E-05	1	1702.849	-1.18	Malpighian tubule	2R:+:28942598-28942639;2R:+:28942598-28942639	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_115740	AATLSEASGLVHR	AGAP002890-PA,AGAP002890-PB	-	65	3.14E-06	2	1311.701	-0.76	Salivary gland	2R:+:28942829-28942867;2R:+:28942829-28942867	exon=> In CDS Exon 4 of transcript AGAP002890-PA;exon=> In CDS Exon 4 of transcript AGAP002890-PB
JHU_Ag_60647	NALLVLAK	AGAP002891-PA,AGAP002891-PC,AGAP002891-PD	N1(Deamidated)	32	0.003088458	1	842.536	1.42	Midgut	2R:-:28951066-28951043;2R:-:28951066-28951043;2R:-:28951066-28951043	exon=> In CDS Exon 1 of transcript AGAP002891-PA;exon=> In CDS Exon 1 of transcript AGAP002891-PC;exon=> In CDS Exon 1 of transcript AGAP002891-PD
JHU_Ag_13513	SAFDIIFRK	AGAP002891-PA,AGAP002891-PE,AGAP002891-PC,AGAP002891-PD,AGAP002891-PB	-	54	2.53E-05	1	1096.619	3.59	Malpighian tubule	2R:-:28946259-28946233;2R:-:28946259-28946233;2R:-:28946259-28946233;2R:-:28946259-28946233	exon=> In CDS Exon 6 of transcript AGAP002891-PA;exon=> In CDS Exon 8 of transcript AGAP002891-PE;exon=> In CDS Exon 6 of transcript AGAP002891-PC;exon=> In CDS Exon 7 of transcript AGAP002891-PD;exon=> In CDS Exon 9 of transcript AGAP002891-PB
JHU_Ag_33958	TAIESVNNGTLTPETVK	AGAP002891-PA,AGAP002891-PE,AGAP002891-PC,AGAP002891-PD,AGAP002891-PB	-	94	5.41E-09	2	1773.930	4.09	Malpighian tubule	2R:-:28945813-28945763;2R:-:28945813-28945763;2R:-:28945813-28945763;2R:-:28945813-28945763	exon=> In CDS Exon 7 of transcript AGAP002891-PA;exon=> In CDS Exon 9 of transcript AGAP002891-PE;exon=> In CDS Exon 7 of transcript AGAP002891-PC;exon=> In CDS Exon 8 of transcript AGAP002891-PD;exon=> In CDS Exon 10 of transcript AGAP002891-PB

JHU_Ag_35106	DLGEYAKDEAR	AGAP002891-PA,AGAP002891-PE,AGAP002891-PC,AGAP002891-PD,AGAP002891-PB	-	54	4.94E-05	1	1266.601	3.75	Malpighian tubule	2R:-:28948954-28948922;2R:-:28948954-28948922;2R:-:28948954-28948922;2R:-:28948954-28948922	exon=> In CDS Exon 2 of transcript AGAP002891-PA;exon=> In CDS Exon 3 of transcript AGAP002891-PE;exon=> In CDS Exon 2 of transcript AGAP002891-PC;exon=> In CDS Exon 2 of transcript AGAP002891-PD;exon=> In CDS Exon 4 of transcript AGAP002891-PB
JHU_Ag_65214	TAIESVNNGTLTPETVK	AGAP002891-PA,AGAP002891-PE,AGAP002891-PC,AGAP002891-PD,AGAP002891-PB	-	60	1.61E-05	2	1773.920	-1.41	Midgut	2R:-:28945813-28945763;2R:-:28945813-28945763;2R:-:28945813-28945763;2R:-:28945813-28945763	exon=> In CDS Exon 7 of transcript AGAP002891-PA;exon=> In CDS Exon 9 of transcript AGAP002891-PE;exon=> In CDS Exon 7 of transcript AGAP002891-PC;exon=> In CDS Exon 8 of transcript AGAP002891-PD;exon=> In CDS Exon 10 of transcript AGAP002891-PB
JHU_Ag_86581	VIGLTATLGSGMPLGK	AGAP002891-PA,AGAP002891-PE,AGAP002891-PC,AGAP002891-PD,AGAP002891-PB	M12(Oxidation)	70	7.32E-07	2	1530.856	0.19	Midgut	2R:-:28948215-28948168;2R:-:28948215-28948168;2R:-:28948215-28948168;2R:-:28948215-28948168	exon=> In CDS Exon 4 of transcript AGAP002891-PA;exon=> In CDS Exon 5 of transcript AGAP002891-PE;exon=> In CDS Exon 4 of transcript AGAP002891-PC;exon=> In CDS Exon 4 of transcript AGAP002891-PD;exon=> In CDS Exon 6 of transcript AGAP002891-PB
JHU_Ag_6048	GLPWSITEDEIR	AGAP002892-PA	-	84	5.23E-08	2	1415.721	3.28	Head	2R:-:28976842-28976807	exon=> In CDS Exon 1 of transcript AGAP002892-PA
JHU_Ag_41057	AFFQGLTIK	AGAP002892-PA	-	67	9.97E-07	1	1024.584	1.6	Ovary	2R:-:28976524-28977019,28975784-28975915	exon=> In CDS Exon 2 and 1 of transcript AGAP002892-PA
JHU_Ag_43386	AFFQGLTIK	AGAP002892-PA	-	49	5.44E-05	2	1024.584	1.6	Pupa	2R:-:28976524-28977019,28975784-28975915	exon=> In CDS Exon 2 and 1 of transcript AGAP002892-PA
JHU_Ag_49371	NGYNGILLLLDNLGR	AGAP002892-PA	-	43	0.000384821	2	1644.917	6.42	Malpighian tubule	2R:-:28975914-28975870	exon=> In CDS Exon 2 of transcript AGAP002892-PA
JHU_Ag_51122	YIELFAGQR	AGAP002892-PA	-	67	2.26E-06	2	1096.584	4.72	Ovary	2R:-:28973101-28973075	exon=> In CDS Exon 5 of transcript AGAP002892-PA
JHU_Ag_60930	RPSGEGDAYFETK	AGAP002892-PA	-	67	2.26E-06	2	1456.668	-1.53	Head	2R:-:28973191-28973153	exon=> In CDS Exon 5 of transcript AGAP002892-PA
JHU_Ag_62815	YIELFAGQR	AGAP002892-PA	-	67	2.25E-06	2	1096.584	4.83	Malpighian tubule	2R:-:28973101-28973075	exon=> In CDS Exon 5 of transcript AGAP002892-PA
JHU_Ag_63350	AFFQGLTIK	AGAP002892-PA	-	35	0.001314492	2	1024.585	2.43	Head	2R:-:28976524-28977019,28975784-28975915	exon=> In CDS Exon 2 and 1 of transcript AGAP002892-PA
JHU_Ag_69672	GLPWSITEDEIR	AGAP002892-PA	-	46	0.00033854	2	1415.720	2.68	Pupa	2R:-:28976842-28976807	exon=> In CDS Exon 1 of transcript AGAP002892-PA
JHU_Ag_71852	GLPWSITEDEIR	AGAP002892-PA	-	68	2.19E-06	2	1415.719	1.9	Male reproductive organs	2R:-:28976842-28976807	exon=> In CDS Exon 1 of transcript AGAP002892-PA
JHU_Ag_75266	AFFQGLTIK	AGAP002892-PA	-	38	0.000912406	2	1024.580	-2.1	Visceras	2R:-:28976524-28977019,28975784-28975915	exon=> In CDS Exon 2 and 1 of transcript AGAP002892-PA

JHU_Ag_81488	NGYNGILLLLDNLGR	AGAP002892-PA	N4(Deamidated),N1(Deamidated)	83	4.48E-08	2	1644.909	1.44	Ovary	2R:-:28975914-28975870	exon=> In CDS Exon 2 of transcript AGAP002892-PA
JHU_Ag_87541	AFFQGLTIK	AGAP002892-PA	-	41	0.000385128	1	1024.586	3.26	Malpighian tubule	2R:-:28976524-28977019,28975784-28975915	exon=> In CDS Exon 2 and 1 of transcript AGAP002892-PA
JHU_Ag_93437	YIELFAGQR	AGAP002892-PA	-	49	0.000108925	2	1096.582	2.83	Head	2R:-:28973101-28973075	exon=> In CDS Exon 5 of transcript AGAP002892-PA
JHU_Ag_100042	GLPWSITEDEIR	AGAP002892-PA	-	71	1.05E-06	1	1415.723	4.66	Ovary	2R:-:28976842-28976807	exon=> In CDS Exon 1 of transcript AGAP002892-PA
JHU_Ag_101749	GLPWSITEDEIR	AGAP002892-PA	-	57	2.77E-05	2	1415.717	0.61	Midgut	2R:-:28976842-28976807	exon=> In CDS Exon 1 of transcript AGAP002892-PA
JHU_Ag_117739	IGNRYIELFR	AGAP002892-PA	-	43	0.000348746	1	1280.715	3.43	Malpighian tubule	2R:-:28975794-28975928,28974183-28974307	exon=> In CDS Exon 3 and 2 of transcript AGAP002892-PA
JHU_Ag_23890	IGTIITR	AGAP002893-PA	-	33	0.001152731	2	773.488	0.58	Malpighian tubule	2R:-:28978508-28978532,28978272-28978433	exon=> In CDS Exon 2 and 1 of transcript AGAP002893-PA
JHU_Ag_63161	TPTQQFIELYQSLSTQGALDEEQVFATAIDLHEDK	AGAP002893-PA	-	94	4.13E-09	1	3965.931	0.33	Ovary	2R:-:28978135-28978031	exon=> In CDS Exon 3 of transcript AGAP002893-PA
JHU_Ag_69390	LDRRPADGAPQEQTK	AGAP002893-PA	-	40	0.001567792	1	1681.860	-0.82	Malpighian tubule	2R:-:28978015-28977971	exon=> In CDS Exon 3 of transcript AGAP002893-PA
JHU_Ag_23899	RACQTAANAAATNK	AGAP002896-PA	C3(Carbamidomethyl)	68	2.51E-06	1	1447.705	-1.7	Head	2R:-:28997278-28997237	exon=> In CDS Exon 5 of transcript AGAP002896-PA
JHU_Ag_43742	IVTITGQQNAINVAQYLIEER	AGAP002896-PA	-	55	1.24E-05	1	2373.300	9.43	Salivary gland	2R:-:28997362-28997300	exon=> In CDS Exon 5 of transcript AGAP002896-PA
JHU_Ag_76504	AHDFYPGTTER	AGAP002896-PA	-	44	0.000424561	1	1293.583	-2.09	Head	2R:-:29004986-29005105,29003123-29003750	exon=> In CDS Exon 3 and 2 of transcript AGAP002896-PA
JHU_Ag_113702	IVTITGQQNAINVAQYLIEER	AGAP002896-PA	-	53	2.76E-05	3	2373.282	2.1	Head	2R:-:28997362-28997300	exon=> In CDS Exon 5 of transcript AGAP002896-PA
JHU_Ag_2083	RFHVDLRPYPIILR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	68	2.18E-07	1	1795.058	5.13	Ovary	2R:-:29080948-29080907;2R:-:29080948-29080907;2R:-:29080948-29080907	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB
JHU_Ag_11424	AAHPSNQPDCPPEAAK	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	C10(Carbamidomethyl)	45	0.000372861	2	1689.770	2.69	Head	2R:-:29080870-29080823;2R:-:29080870-29080823;2R:-:29080870-29080823	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB
JHU_Ag_13966	EIPYDIKPISLIK	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	59	2.54E-06	1	1528.901	1.86	Visceras	2R:-:29095399-29095361;2R:-:29095399-29095361;2R:-:29095399-29095361	exon=> In CDS Exon 1 of transcript AGAP002898-PA;exon=> In CDS Exon 2 of transcript AGAP002898-PC;exon=> In CDS Exon 3 of transcript AGAP002898-PB
JHU_Ag_14167	FHVDLRPYPIILR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	63	1.07E-06	1	1638.950	1.33	Ovary	2R:-:29080945-29080907;2R:-:29080945-29080907;2R:-:29080945-29080907	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB

JHU_Ag_19696	IDRELEGHPAFR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	40	0.001350956	1	1439.734	-3.65	Head	2R:-:29080906-29080871;2R:-:29080906-29080871;2R:-:29080906-29080871	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB
JHU_Ag_41739	IALNLKEIPYDIKPISLIK	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	51	2.93E-06	1	2181.332	2.81	Malpighian tubule	2R:-:29095417-29095361;2R:-:29095417-29095361;2R:-:29095417-29095361	exon=> In CDS Exon 1 of transcript AGAP002898-PA;exon=> In CDS Exon 2 of transcript AGAP002898-PC;exon=> In CDS Exon 3 of transcript AGAP002898-PB
JHU_Ag_41962	EICEVIASGVQPLQNLIVLIHVGEEK	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	C3(Carbamidomethyl)	85	9.76E-09	1	2887.576	5.63	Ovary	2R:-:29081243-29081350,29080820-29081093;2R:-:29081243-29081350,29080820-29081093;2R:-:29081243-29081350,29080820-29081093	exon=> In CDS Exon 3 and 2 of transcript AGAP002898-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP002898-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP002898-PB
JHU_Ag_50386	FHVDLRPYPIILR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	38	0.000471372	1	1638.946	-1.46	Visceras	2R:-:29080945-29080907;2R:-:29080945-29080907;2R:-:29080945-29080907	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB
JHU_Ag_76161	SGGEQHCNEYR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	C7(Carbamidomethyl)	42	0.000137426	2	1336.533	-0.02	Head	2R:-:29095360-29095328;2R:-:29095360-29095328;2R:-:29095360-29095328	exon=> In CDS Exon 1 of transcript AGAP002898-PA;exon=> In CDS Exon 2 of transcript AGAP002898-PC;exon=> In CDS Exon 3 of transcript AGAP002898-PB
JHU_Ag_77237	RFHVDLRPYPIILR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	58	2.28E-06	1	1795.049	0.03	Malpighian tubule	2R:-:29080948-29080907;2R:-:29080948-29080907;2R:-:29080948-29080907	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB
JHU_Ag_85659	RFHVDLRPYPIILR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	66	4.07E-07	1	1795.050	0.44	Visceras	2R:-:29080948-29080907;2R:-:29080948-29080907;2R:-:29080948-29080907	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB
JHU_Ag_107642	FHVDLRPYPIILR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	27	0.004024889	1	1638.952	2.34	Malpighian tubule	2R:-:29080945-29080907;2R:-:29080945-29080907;2R:-:29080945-29080907	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB

JHU_Ag_115407	RFHVDLRPYPIILR	AGAP002898-PA,AGAP002898-PC,AGAP002898-PB	-	44	7.08E-05	1	1795.048	-0.52	Head	2R:-:29080948-29080907;2R:-:29080948-29080907;2R:-:29080948-29080907	exon=> In CDS Exon 3 of transcript AGAP002898-PA;exon=> In CDS Exon 4 of transcript AGAP002898-PC;exon=> In CDS Exon 5 of transcript AGAP002898-PB
JHU_Ag_51996	IGEEVAAVIK	AGAP002900-PA	-	41	0.000568933	2	1028.603	4.61	Malpighian tubule	2R:-:29103601-29103572	exon=> In CDS Exon 7 of transcript AGAP002900-PA
JHU_Ag_109573	VAAVTLYEAR	AGAP002900-PA	-	59	1.31E-05	2	1092.608	2.75	Malpighian tubule	2R:-:29111083-29111054	exon=> In CDS Exon 3 of transcript AGAP002900-PA
JHU_Ag_25152	RAIESLVK	AGAP002902-PA	-	30	0.004723253	1	915.566	3.87	Salivary gland	2R:+:29117103-29117126	exon=> In CDS Exon 2 of transcript AGAP002902-PA
JHU_Ag_31741	RAIESLVK	AGAP002902-PA	-	30	0.004713679	1	915.567	5.07	Malpighian tubule	2R:+:29117103-29117126	exon=> In CDS Exon 2 of transcript AGAP002902-PA
JHU_Ag_34636	VVSPGIDLSGLTLQSGPSR	AGAP002902-PA	-	62	4.09E-06	2	1883.023	-0.19	Ovary	2R:+:29117479-29117497,29117581-29117618	exon=> In CDS Exon 3 and 4 of transcript AGAP002902-PA
JHU_Ag_57034	RAIESLVK	AGAP002902-PA	-	30	0.00442805	2	915.567	5.6	Pupa	2R:+:29117103-29117126	exon=> In CDS Exon 2 of transcript AGAP002902-PA
JHU_Ag_54685	IELAK	AGAP002905-PA,AGAP005423-PA,AGAP000611-PA	-	39	0.001368524	1	573.361	-0.03	Salivary gland	2R:+:29134579-29134593;2L:+:15376327-15376341;X:+:11079356-11079370	exon=> In CDS Exon 2 of transcript AGAP002905-PA;exon=> In CDS Exon 1 of transcript AGAP005423-PA;exon=> In CDS Exon 1 of transcript AGAP000611-PA
JHU_Ag_814	IVADAVGKSQSEYAK	AGAP002906-PA	-	49	0.000159655	1	1565.827	6.65	Malpighian tubule	2R:-:29137166-29137122	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_1467	LASFGGLFAGLGLGTVNELAK	AGAP002906-PA	-	75	1.18E-07	2	2035.139	8.03	Malpighian tubule	2R:-:29136401-29136339	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_11255	TAVVAEGLR	AGAP002906-PA	-	58	2.43E-05	2	915.529	2.94	Malpighian tubule	2R:-:29136980-29136954	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_16146	QVLNNPTQELEK	AGAP002906-PA	-	48	0.000153815	2	1412.739	0.38	Salivary gland	2R:-:29137049-29137014	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_20726	LCLNELFTFR	AGAP002906-PA	C2(Carbamidomethyl)	71	9.03E-07	2	1312.674	1.43	Visceras	2R:-:29135568-29135539	exon=> In CDS Exon 2 of transcript AGAP002906-PA
JHU_Ag_23637	QVLNNPTQELEK	AGAP002906-PA	-	54	3.73E-05	2	1412.742	2.88	Malpighian tubule	2R:-:29137049-29137014	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_31710	LQSFDQKPFAAASIGQVHR	AGAP002906-PA	-	76	3.04E-07	1	2100.102	1.43	Visceras	2R:-:29136074-29136018	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_41873	VGPLSPDAFLNQR	AGAP002906-PA	-	66	2.70E-06	2	1413.756	4.94	Malpighian tubule	2R:-:29136926-29136888	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_49640	VGPLSPDAFLNQR	AGAP002906-PA	-	42	0.000738333	1	1413.751	1.66	Salivary gland	2R:-:29136926-29136888	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_54342	EVLEQQLATGEQSVK	AGAP002906-PA	-	96	3.28E-09	2	1658.860	0.32	Salivary gland	2R:-:29137094-29137050	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_54768	VGPLSPDAFLNQR	AGAP002906-PA	-	52	5.80E-05	1	1413.758	6.58	Visceras	2R:-:29136926-29136888	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_55943	LGQILSIQDSNIVSPQLVK	AGAP002906-PA	-	101	2.13E-10	2	2052.174	1.76	Visceras	2R:-:29136227-29136171	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_57965	TAVVAEGLR	AGAP002906-PA	-	39	0.002246984	2	915.526	-0.13	Head	2R:-:29136980-29136954	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_62934	LASFGGLFAGLGLGTVNELAK	AGAP002906-PA	-	35	0.001174982	1	2035.137	7.13	Salivary gland	2R:-:29136401-29136339	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_66423	LCLNELFTFR	AGAP002906-PA	C2(Carbamidomethyl)	47	0.000244498	2	1312.677	3.57	Malpighian tubule	2R:-:29135568-29135539	exon=> In CDS Exon 2 of transcript AGAP002906-PA
JHU_Ag_70105	LCLNELFTFR	AGAP002906-PA	C2(Carbamidomethyl)	45	0.000370377	1	1312.675	2.45	Head	2R:-:29135568-29135539	exon=> In CDS Exon 2 of transcript AGAP002906-PA

JHU_Ag_70509	SKLQSFDQKPFAAASIGQVHR	AGAP002906-PA	-	77	1.33E-07	1	2315.237	4.8	Malpighian tubule	2R:-:29136080-29136018	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_76866	AFTRDEQQIEK	AGAP002906-PA	-	41	0.001335 81	2	1364.686	4.25	Malpighian tubule	2R:-:29136587-29136555	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_83397	QLTAAAIPK	AGAP002906-PA	-	31	0.003481 64	2	912.550	-1.43	Visceras	2R:-:29136953-29136927	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_86908	TAVVAEGLRQLTAAAIPK	AGAP002906-PA	-	45	5.75E-05	1	1809.064	2.5	Malpighian tubule	2R:-:29136980-29136927	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_92396	LGQILSIQDSNIVSPQLVK	AGAP002906-PA	-	68	3.43E-07	2	2052.178	3.78	Malpighian tubule	2R:-:29136227-29136171	exon=> In CDS Exon 1 of transcript AGAP002906-PA
JHU_Ag_95063	LCLNELFTFR	AGAP002906-PA	C2(Carbamidomethyl)	51	9.66E-05	2	1312.674	1.24	Salivary gland	2R:-:29135568-29135539	exon=> In CDS Exon 2 of transcript AGAP002906-PA
JHU_Ag_25738	NFAFLEFR	AGAP002908-PA	-	44	0.000398 402	2	1043.532	1.16	Midgut	2R:+:29155138-29155161	exon=> In CDS Exon 2 of transcript AGAP002908-PA
JHU_Ag_36325	NFAFLEFR	AGAP002908-PA	-	41	0.001092 723	2	1043.533	1.98	Male reproductive organs	2R:+:29155138-29155161	exon=> In CDS Exon 2 of transcript AGAP002908-PA
JHU_Ag_43090	RPHDYQPMPGMTDSAAVNVPEK	AGAP002908-PA	M8(Oxidation), M11(Oxidation)	82	8.07E-08	1	2472.128	-0.21	Ovary	2R:+:29155234-29155294,29155364-29155368	exon=> In CDS Exon 2 and 3 of transcript AGAP002908-PA
JHU_Ag_50077	IFIGGLPNYLNEDQVK	AGAP002908-PA	-	69	1.30E-06	1	1819.960	0.45	Ovary	2R:+:29155414-29155455,29157867-29157872	exon=> In CDS Exon 3 and 4 of transcript AGAP002908-PA
JHU_Ag_72442	FSGVISTVVPDSPHK	AGAP002908-PA	-	45	0.000378 439	2	1569.829	1.24	Salivary gland	2R:+:29155369-29155413	exon=> In CDS Exon 3 of transcript AGAP002908-PA
JHU_Ag_87703	NFAFLEFR	AGAP002908-PA	-	50	0.000112 517	1	1043.531	0.11	Ovary	2R:+:29155138-29155161	exon=> In CDS Exon 2 of transcript AGAP002908-PA
JHU_Ag_99591	IFIGGLPNYLNEDQVKELLLSFGQLK	AGAP002908-PA	-	85	1.00E-08	1	2948.614	0.36	Ovary	2R:+:29155414-29155455,29157867-29157902	exon=> In CDS Exon 3 and 4 of transcript AGAP002908-PA
JHU_Ag_100783	IFIGGLPNYLNEDQVK	AGAP002908-PA	-	56	2.79E-05	2	1819.961	1.25	Midgut	2R:+:29155414-29155455,29157867-29157872	exon=> In CDS Exon 3 and 4 of transcript AGAP002908-PA
JHU_Ag_104027	NFAFLEFR	AGAP002908-PA	-	44	0.000455 4	1	1043.529	-2	Salivary gland	2R:+:29155138-29155161	exon=> In CDS Exon 2 of transcript AGAP002908-PA
JHU_Ag_113405	NFAFLEFR	AGAP002908-PA	-	43	0.000587 358	2	1043.533	1.51	Head	2R:+:29155138-29155161	exon=> In CDS Exon 2 of transcript AGAP002908-PA
JHU_Ag_23292	SVEIPRPIEGVDVPGCGK	AGAP002908-PA,AGAP002908-PB,AGAP002908-PC	C16(Carbamidomethyl)	32	0.006631 323	1	1908.999	7.56	Midgut	2R:+:29158443-29158496;2R:+:29158443-29158496;2R:+:29158443-29158496	exon=> In CDS Exon 6 of transcript AGAP002908-PA;exon=> In CDS Exon 2 of transcript AGAP002908-PB;exon=> In CDS Exon 3 of transcript AGAP002908-PC
JHU_Ag_40897	VVVTSYFDPDKYHR	AGAP002908-PA,AGAP002908-PB,AGAP002908-PC	-	79	1.67E-07	1	1725.860	0.13	Ovary	2R:+:29158575-29158616;2R:+:29158575-29158616;2R:+:29158575-29158616	exon=> In CDS Exon 6 of transcript AGAP002908-PA;exon=> In CDS Exon 2 of transcript AGAP002908-PB;exon=> In CDS Exon 3 of transcript AGAP002908-PC
JHU_Ag_56185	VVVTSYFDPDKYHR	AGAP002908-PA,AGAP002908-PB,AGAP002908-PC	-	77	2.82E-07	1	1725.860	0.06	Salivary gland	2R:+:29158575-29158616;2R:+:29158575-29158616;2R:+:29158575-29158616	exon=> In CDS Exon 6 of transcript AGAP002908-PA;exon=> In CDS Exon 2 of transcript AGAP002908-PB;exon=> In CDS Exon 3 of transcript AGAP002908-PC
JHU_Ag_59662	VFVEFNSIVDCQK	AGAP002908-PA,AGAP002908-PB,AGAP002908-PC	C11(Carbamidomethyl)	71	1.31E-06	2	1584.773	-0.14	Ovary	2R:+:29158497-29158535;2R:+:29158497-29158535;2R:+:29158497-29158535	exon=> In CDS Exon 6 of transcript AGAP002908-PA;exon=> In CDS Exon 2 of transcript AGAP002908-PB;exon=> In CDS Exon 3 of transcript AGAP002908-PC

JHU_Ag_86623	SVEIPRPIEGVDVPGCGK	AGAP002908-PA,AGAP002908-PB,AGAP002908-PC	C16(Carbamidomethyl)	54	5.49E-05	1	1908.984	-0.38	Ovary	2R:+:29158443-29158496;2R:+:29158443-29158496;2R:+:29158443-29158496	exon=> In CDS Exon 6 of transcript AGAP002908-PA;exon=> In CDS Exon 2 of transcript AGAP002908-PB;exon=> In CDS Exon 3 of transcript AGAP002908-PC
JHU_Ag_53913	ELLLSFGQLK	AGAP002908-PA,AGAP002908-PC	-	48	6.96E-05	2	1147.674	1.47	Ovary	2R:+:29157873-29157902;2R:+:29157873-29157902	exon=> In CDS Exon 4 of transcript AGAP002908-PA;exon=> In CDS Exon 1 of transcript AGAP002908-PC
JHU_Ag_24218	YWQCQGGYPR	AGAP002909-PA,AGAP002909-PB	C4(Carbamidomethyl)	46	0.000141958	1	1314.569	0.44	Pupa	2R:+:29202798-29202827;2R:+:29202798-29202827	exon=> In CDS Exon 5 of transcript AGAP002909-PA;exon=> In CDS Exon 4 of transcript AGAP002909-PB
JHU_Ag_28164	VVGDVTYCDR	AGAP002909-PA,AGAP002909-PB	C8(Carbamidomethyl)	61	7.87E-06	1	1183.541	-0.46	Pupa	2R:+:29199789-29199818;2R:+:29199789-29199818	exon=> In CDS Exon 2 of transcript AGAP002909-PA;exon=> In CDS Exon 2 of transcript AGAP002909-PB
JHU_Ag_54529	GVTEGCDYPWR	AGAP002909-PA,AGAP002909-PB	C6(Carbamidomethyl)	67	1.39E-06	2	1339.583	7.32	Larva	2R:+:29199894-29199926;2R:+:29199894-29199926	exon=> In CDS Exon 2 of transcript AGAP002909-PA;exon=> In CDS Exon 2 of transcript AGAP002909-PB
JHU_Ag_55688	GVTEGCDYPWR	AGAP002909-PA,AGAP002909-PB	C6(Carbamidomethyl)	66	1.56E-06	1	1339.574	0.58	Pupa	2R:+:29199894-29199926;2R:+:29199894-29199926	exon=> In CDS Exon 2 of transcript AGAP002909-PA;exon=> In CDS Exon 2 of transcript AGAP002909-PB
JHU_Ag_11320	VGIVLQAVR	AGAP002913-PA	-	57	4.40E-06	2	954.612	2.06	Male reproductive organs	2R:-:29228740-29228714	exon=> In CDS Exon 1 of transcript AGAP002913-PA
JHU_Ag_24711	ASTLETLLR	AGAP002913-PA	-	52	4.86E-05	2	1003.583	4.39	Malpighian tubule	2R:-:29228875-29228849	exon=> In CDS Exon 1 of transcript AGAP002913-PA
JHU_Ag_36598	ASTLETLLR	AGAP002913-PA	-	38	0.001178424	2	1003.581	2.51	Male reproductive organs	2R:-:29228875-29228849	exon=> In CDS Exon 1 of transcript AGAP002913-PA
JHU_Ag_4872	TSIETFRNTFGAEPELAACAPGR	AGAP002914-PC	C19(Carbamidomethyl)	53	8.28E-05	1	2495.206	2.88	Malpighian tubule	2R:+:29283799-29283867	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_5704	NGTDSTCDVVTCSDSIQEGTKR	AGAP002914-PC	C7(Carbamidomethyl),C12(Carbamidomethyl)	58	1.20E-05	1	2430.055	1.74	Ovary	2R:+:29287441-29287506	exon=> In CDS Exon 2 of transcript AGAP002914-PC
JHU_Ag_8937	DATLEHLK	AGAP002914-PC	-	54	3.35E-05	1	926.501	7.35	Midgut	2R:+:29300018-29300041	exon=> In CDS Exon 5 of transcript AGAP002914-PC
JHU_Ag_9451	ALENANELLVR	AGAP002914-PC	-	69	1.03E-06	1	1241.687	1.65	Malpighian tubule	2R:+:29300042-29300042,29300162-29300193	exon=> In CDS Exon 5 and 6 of transcript AGAP002914-PC
JHU_Ag_11293	NTFGAEPELAACAPGR	AGAP002914-PC	C12(Carbamidomethyl)	68	1.99E-06	2	1660.777	1.51	Head	2R:+:29283820-29283867	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_26470	ADHALLIDCR	AGAP002914-PC	C9(Carbamidomethyl)	64	5.29E-06	1	1183.587	-1.93	Malpighian tubule	2R:+:29293941-29293969,29299861-29299861	exon=> In CDS Exon 4 and 5 of transcript AGAP002914-PC
JHU_Ag_28136	NTFGAEPELAACAPGR	AGAP002914-PC	C12(Carbamidomethyl)	70	1.31E-06	2	1660.777	1.51	Malpighian tubule	2R:+:29283820-29283867	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_34510	AALADVVKEMDTIYSR	AGAP002914-PC	-	59	1.84E-05	2	1781.919	4.67	Malpighian tubule	2R:+:29301326-29301373	exon=> In CDS Exon 7 of transcript AGAP002914-PC
JHU_Ag_36343	ALENANELLVR	AGAP002914-PC	-	46	0.000196955	2	1241.684	-1.01	Midgut	2R:+:29300042-29300042,29300162-29300193	exon=> In CDS Exon 5 and 6 of transcript AGAP002914-PC
JHU_Ag_38401	MTGGGFGGCTVTLVQR	AGAP002914-PC	C9(Carbamidomethyl),"M1(Oxidation),C9(Carbamidomethyl)"	121	1.23E-11	1	1656.786	1.43	Malpighian tubule	2R:+:29301278-29301325	exon=> In CDS Exon 7 of transcript AGAP002914-PC
JHU_Ag_72054	DATLEHLK	AGAP002914-PC	-	39	0.001124123	2	926.495	0.7	Head	2R:+:29300018-29300041	exon=> In CDS Exon 5 of transcript AGAP002914-PC
JHU_Ag_75019	NTFGAEPELAACAPGR	AGAP002914-PC	C12(Carbamidomethyl)	85	4.42E-08	2	1660.782	4.23	Ovary	2R:+:29283820-29283867	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_75680	AEHTFANVPCGIMDQLIALGGR	AGAP002914-PC	C10(Carbamidomethyl)	79	1.98E-07	1	2370.176	2.67	Visceras	2R:+:29293875-29293940	exon=> In CDS Exon 4 of transcript AGAP002914-PC

JHU_Ag_80852	ALENANELLVRR	AGAP002914-PC	-	40	0.000592754	1	1397.789	1.84	Ovary	2R:+:29300042-29300042,29300162-29300196	exon=> In CDS Exon 5 and 6 of transcript AGAP002914-PC
JHU_Ag_82385	VISFDEVVKTSIETFR	AGAP002914-PC	-	73	3.68E-07	1	1870.004	4.29	Malpighian tubule	2R:+:29283772-29283819	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_85140	NTFGAEPELAACAPGR	AGAP002914-PC	C12(Carbamidomethyl)	92	8.40E-09	2	1660.776	0.41	Visceras	2R:+:29283820-29283867	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_85565	HELSSSEYPVR	AGAP002914-PC	-	40	0.001652593	2	1303.634	4.58	Malpighian tubule	2R:+:29299934-29299966	exon=> In CDS Exon 5 of transcript AGAP002914-PC
JHU_Ag_87252	HVITEIER	AGAP002914-PC	-	46	0.000174698	1	996.549	2.06	Ovary	2R:+:29300203-29300226	exon=> In CDS Exon 6 of transcript AGAP002914-PC
JHU_Ag_89749	HELSSSEYPVR	AGAP002914-PC	-	51	0.000137128	2	1303.621	-4.97	Head	2R:+:29299934-29299966	exon=> In CDS Exon 5 of transcript AGAP002914-PC
JHU_Ag_98953	HVITEIER	AGAP002914-PC	-	63	4.10E-06	1	996.546	-0.88	Malpighian tubule	2R:+:29300203-29300226	exon=> In CDS Exon 6 of transcript AGAP002914-PC
JHU_Ag_99389	NTFGAEPELAACAPGR	AGAP002914-PC	C12(Carbamidomethyl)	74	5.31E-07	2	1660.777	1.51	Midgut	2R:+:29283820-29283867	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_103266	NTFGAEPELAACAPGR	AGAP002914-PC	C12(Carbamidomethyl)	92	7.55E-09	1	1660.770	-2.67	Male reproductive organs	2R:+:29283820-29283867	exon=> In CDS Exon 1 of transcript AGAP002914-PC
JHU_Ag_103495	AEHTFANVPCGIMDQLIALGGR	AGAP002914-PC	C10(Carbamidomethyl)	99	1.72E-09	1	2370.186	7.07	Midgut	2R:+:29293875-29293940	exon=> In CDS Exon 4 of transcript AGAP002914-PC
JHU_Ag_106246	HELSSSEYPVR	AGAP002914-PC	-	58	2.71E-05	1	1303.632	2.9	Midgut	2R:+:29299934-29299966	exon=> In CDS Exon 5 of transcript AGAP002914-PC
JHU_Ag_109790	ALENANELLVR	AGAP002914-PC	-	56	1.98E-05	2	1241.685	0.37	Head	2R:+:29300042-29300042,29300162-29300193	exon=> In CDS Exon 5 and 6 of transcript AGAP002914-PC
JHU_Ag_111904	ALENANELLVR	AGAP002914-PC	-	74	3.37E-07	1	1241.688	2.43	Ovary	2R:+:29300042-29300042,29300162-29300193	exon=> In CDS Exon 5 and 6 of transcript AGAP002914-PC
JHU_Ag_114196	MTGGGFGGCTVTLVQR	AGAP002914-PC	M1(Oxidation), C9(Carbamidomethyl)	65	5.11E-06	2	1656.787	1.94	Ovary	2R:+:29301278-29301325	exon=> In CDS Exon 7 of transcript AGAP002914-PC
JHU_Ag_114337	ADHALLIDCR	AGAP002914-PC	C9(Carbamidomethyl)	47	0.00022015	1	1183.590	1.27	Ovary	2R:+:29293941-29293969,29299861-29299861	exon=> In CDS Exon 4 and 5 of transcript AGAP002914-PC
JHU_Ag_115487	AQFDSSTIAK	AGAP002914-PC	-	45	0.000410064	1	1067.537	0.44	Malpighian tubule	2R:+:29287507-29287536	exon=> In CDS Exon 2 of transcript AGAP002914-PC
JHU_Ag_116329	ALENANELLVR	AGAP002914-PC	-	65	2.42E-06	2	1241.686	0.96	Salivary gland	2R:+:29300042-29300042,29300162-29300193	exon=> In CDS Exon 5 and 6 of transcript AGAP002914-PC
JHU_Ag_105639	YGFSNMGQIGPLK	AGAP002915-PA	M6(Oxidation)	75	4.72E-07	1	1427.701	1.33	Male reproductive organs	2R:-:29399123-29399573,29358027-29358117	exon=> In CDS Exon 2 and 1 of transcript AGAP002915-PA
JHU_Ag_54	HFYDKR	AGAP002919-PA	-	33	0.007450279	1	865.432	0.18	Ovary	2R:-:29610602-29610585	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_882	TFEIPSDDHKLR	AGAP002919-PA	-	66	3.13E-06	1	1457.737	-1.04	Malpighian tubule	2R:-:29610638-29610603	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_1501	DIPGLTDVNVPR	AGAP002919-PA	-	91	6.69E-09	1	1295.698	1.9	Malpighian tubule	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_4047	MGTEIGADHLGEEWK	AGAP002919-PA	M1(Oxidation)	88	1.56E-08	2	1688.766	4.29	Larva	2R:-:29610584-29610540	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_4238	KPAAAAAEK	AGAP002919-PA	-	65	2.03E-06	1	856.492	3.73	Ovary	2R:-:29609460-29609434	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_5448	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	66	2.79E-06	2	1491.800	0.48	Visceras	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA

JHU_Ag_6278	KLYNLSK	AGAP002919-PA	-	37	0.000716391	2	865.514	-0.35	Salivary gland	2R:-:29610162-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_6335	DIPGLTDVNVPR	AGAP002919-PA	-	74	3.39E-07	2	1295.695	-0.36	Midgut	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_8367	KPAAASAPAGK	AGAP002919-PA	-	71	4.21E-07	1	968.552	-0.32	Male reproductive organs	2R:-:29609559-29609527	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_10227	ETAAPAAAGAK	AGAP002919-PA	-	61	7.72E-06	1	957.503	3.07	Head	2R:-:29609418-29609386	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_11042	LYNLSK	AGAP002919-PA	-	35	0.001473131	2	737.418	-1.98	Head	2R:-:29610159-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_11627	RPLPVK	AGAP002919-PA	-	33	0.000654909	2	709.472	-0.33	Salivary gland	2R:-:29610111-29610094	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_12358	LYNLSKEDDVR	AGAP002919-PA	-	84	7.37E-08	1	1351.686	0.69	Malpighian tubule	2R:-:29610159-29610127	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_13502	GCIVDQNLSALALVIVR	AGAP002919-PA	C2(Carbamidomethyl)	151	2.98E-15	2	1841.033	0.99	Midgut	2R:-:29610294-29610244	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_14345	LNVSFPATGAQK	AGAP002919-PA	-	45	0.00045529	2	1232.665	1.15	Pupa	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_15468	RPLPVK	AGAP002919-PA	-	31	0.000944455	2	709.471	-1.02	Visceras	2R:-:29610111-29610094	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_16704	LYNLSK	AGAP002919-PA	-	36	0.001358902	2	737.419	0.17	Larva	2R:-:29610159-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_16774	LRHFYDK	AGAP002919-PA	-	41	0.001033077	1	978.519	3.57	Ovary	2R:-:29610608-29610588	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_17018	LNVSFPATGAQK	AGAP002919-PA	-	45	0.000447905	2	1232.663	-0.33	Male reproductive organs	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_17877	LNVSFPATGAQK	AGAP002919-PA	-	68	2.14E-06	1	1232.666	2.44	Visceras	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_18100	ETAAPAAAGAK	AGAP002919-PA	-	61	6.35E-06	2	957.501	0.51	Ovary	2R:-:29609418-29609386	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_18769	LITPVVLQR	AGAP002919-PA	-	46	2.30E-05	1	1038.669	2.23	Salivary gland	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_20559	RPLPVK	AGAP002919-PA	-	33	0.000578337	2	709.471	-1.02	Malpighian tubule	2R:-:29610111-29610094	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_23848	KPAAAAAEK	AGAP002919-PA	-	51	6.56E-05	2	856.490	1.36	Head	2R:-:29609460-29609434	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_23964	REAESQYSR	AGAP002919-PA	-	44	0.000462172	2	1125.530	1.85	Malpighian tubule	2R:-:29609979-29609953	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_24853	AAASSAKPEAAK	AGAP002919-PA	-	65	4.77E-06	2	1101.592	1.63	Ovary	2R:-:29609523-29609488	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_25812	LITPVVLQR	AGAP002919-PA	-	43	5.77E-05	2	1038.666	-0.71	Male reproductive organs	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_26535	LNVSFPATGAQK	AGAP002919-PA	-	61	1.29E-05	1	1232.661	-2.15	Head	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_26953	GCIVDQNLSALALVIVR	AGAP002919-PA	C2(Carbamidomethyl)	145	1.32E-14	2	1841.039	4.31	Malpighian tubule	2R:-:29610294-29610244	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_28287	TFEIPSDDHK	AGAP002919-PA	-	56	2.26E-05	1	1188.552	-1.2	Visceras	2R:-:29610638-29610609	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_30382	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	73	6.98E-07	2	1507.797	2.39	Larva	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_31830	MGTEIGADHLGEEWKGYILK	AGAP002919-PA	M1(Oxidation)	131	1.24E-12	1	2263.110	1.57	Ovary	2R:-:29610584-29610525	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_32170	KPAAASAPAGK	AGAP002919-PA	-	85	1.52E-08	1	968.553	0.94	Ovary	2R:-:29609559-29609527	exon=> In CDS Exon 3 of transcript AGAP002919-PA

JHU_Ag_33760	GCIVDQNLSALALVIVR	AGAP002919-PA	C2(Carbamidomethyl)	117	7.84E-12	1	1841.043	6.16	Head	2R:-:29610294-29610244	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_34731	KLYNLSK	AGAP002919-PA	-	37	0.000639956	2	865.515	0.36	Larva	2R:-:29610162-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_34831	ETAAPAAAGAK	AGAP002919-PA	-	48	0.000151294	1	957.502	2.1	Malpighian tubule	2R:-:29609418-29609386	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_35339	LYNLSKEDDVR	AGAP002919-PA	-	62	1.14E-05	1	1351.691	4.12	Head	2R:-:29610159-29610127	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_35641	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	45	0.000406457	1	1507.795	0.93	Salivary gland	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_35656	LITPVVLQR	AGAP002919-PA	-	44	4.24E-05	1	1038.668	0.94	Malpighian tubule	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_37008	AAASSAKPEAAKK	AGAP002919-PA	-	78	2.31E-07	1	1229.685	0.07	Male reproductive organs	2R:-:29609523-29609485	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_37216	LITPVVLQR	AGAP002919-PA	-	34	0.0003762	1	1038.671	3.99	Head	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_37381	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	85	4.93E-08	2	1507.793	-0.36	Midgut	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_38170	KLYNLSK	AGAP002919-PA	-	38	0.000509507	2	865.515	0.43	Malpighian tubule	2R:-:29610162-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_38667	KETAAPAAAGAK	AGAP002919-PA	-	63	4.84E-06	1	1085.596	0.67	Ovary	2R:-:29609421-29609386	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_38811	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	70	1.40E-06	2	1507.797	2.31	Pupa	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_39592	AAASSAKPEAAK	AGAP002919-PA	-	58	2.36E-05	1	1101.590	-0.15	Male reproductive organs	2R:-:29609523-29609488	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_39636	EDDVRHYVVK	AGAP002919-PA	-	45	0.000490359	1	1259.638	0.44	Malpighian tubule	2R:-:29610141-29610112	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_39875	TFEIPSDDHK	AGAP002919-PA	-	53	4.32E-05	1	1188.555	1.8	Ovary	2R:-:29610638-29610609	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_40306	DIPGLTDVNVPR	AGAP002919-PA	-	96	2.64E-09	1	1295.697	1.05	Ovary	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_40923	TFEIPSDDHK	AGAP002919-PA	-	42	0.000597057	1	1188.555	1.42	Malpighian tubule	2R:-:29610638-29610609	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_40938	LYNLSKEDDVR	AGAP002919-PA	-	71	1.45E-06	1	1351.684	-0.93	Midgut	2R:-:29610159-29610127	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_41297	EDDVRHYVVK	AGAP002919-PA	-	54	5.32E-05	1	1259.640	1.41	Ovary	2R:-:29610141-29610112	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_41376	EAESQYSR	AGAP002919-PA	-	39	0.000656586	2	969.427	0.05	Ovary	2R:-:29609976-29609953	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_42768	AAASSAKPEAAKK	AGAP002919-PA	-	82	7.86E-08	1	1229.688	2.25	Ovary	2R:-:29609523-29609485	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_43159	GCIVDQNLSALALVIVR	AGAP002919-PA	C2(Carbamidomethyl)	66	1.21E-06	1	1841.020	-6.01	Male reproductive organs	2R:-:29610294-29610244	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_45672	TEGKKPAAAAAEK	AGAP002919-PA	-	65	3.45E-06	2	1271.698	1.83	Ovary	2R:-:29609472-29609434	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_45686	EEKKPAAASAPAGK	AGAP002919-PA	-	56	2.28E-05	1	1354.735	2.11	Malpighian tubule	2R:-:29609568-29609527	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_46505	RKPEPAAQQK	AGAP002919-PA	-	43	0.000345336	2	1152.648	-0.6	Male reproductive organs	2R:-:29609370-29609341	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_48399	KPAAASAPAGK	AGAP002919-PA	-	63	2.62E-06	2	968.552	-0.19	Salivary gland	2R:-:29609559-29609527	exon=> In CDS Exon 3 of transcript AGAP002919-PA

JHU_Ag_48430	KLYNLSK	AGAP002919-PA	-	41	0.000239414	2	865.514	-0.13	Midgut	2R:-:29610162-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_48473	RPLPVKEGQKPR	AGAP002919-PA	-	76	3.02E-08	1	1404.848	2.98	Ovary	2R:-:29610111-29610076	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_48777	TEGKKPAAAAAEK	AGAP002919-PA	-	65	3.94E-06	2	1271.695	-0.38	Male reproductive organs	2R:-:29609472-29609434	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_50408	LNVSFPATGAQK	AGAP002919-PA	-	69	1.69E-06	1	1232.664	0.76	Malpighian tubule	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_53432	KPAAASAPAGKK	AGAP002919-PA	-	94	1.27E-09	1	1096.649	1.89	Ovary	2R:-:29609559-29609524	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_54463	DIPGLTDVNVPR	AGAP002919-PA	-	69	1.14E-06	2	1295.697	1.43	Salivary gland	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_55973	KPAAASAPAGK	AGAP002919-PA	-	45	0.000140439	2	968.558	5.92	Malpighian tubule	2R:-:29609559-29609527	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_56359	LITPVVLQR	AGAP002919-PA	-	37	0.000157913	2	1038.671	3.88	Larva	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_56912	RKPEPAAQQK	AGAP002919-PA	-	46	0.000168219	1	1152.652	3	Ovary	2R:-:29609370-29609341	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_58731	LYNLSKEDDVR	AGAP002919-PA	-	84	7.76E-08	1	1351.685	-0.3	Visceras	2R:-:29610159-29610127	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_61360	MGTEIGADHLGEEWK	AGAP002919-PA	M1(Oxidation)	99	1.05E-09	1	1688.764	3.13	Head	2R:-:29610584-29610540	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_61958	DIPGLTDVNVPR	AGAP002919-PA	-	91	7.42E-09	1	1295.696	0.58	Visceras	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_62126	LYNLSK	AGAP002919-PA	-	34	0.002735655	1	737.421	2.34	Ovary	2R:-:29610159-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_62873	TFEIPSDDHK	AGAP002919-PA	-	60	9.10E-06	1	1188.554	0.88	Head	2R:-:29610638-29610609	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_64331	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	67	2.53E-06	2	1507.799	3.44	Head	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_65020	HFYDKR	AGAP002919-PA	-	38	0.002723783	1	865.431	-1.02	Malpighian tubule	2R:-:29610602-29610585	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_66876	MGTEIGADHLGEEWK	AGAP002919-PA	M1(Oxidation)	111	7.81E-11	1	1688.759	0.09	Midgut	2R:-:29610584-29610540	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_69764	LITPVVLQR	AGAP002919-PA	-	44	3.96E-05	1	1038.667	0.35	Pupa	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_69937	QGVLTNTR	AGAP002919-PA	-	50	0.000228167	2	888.490	0.14	Malpighian tubule	2R:-:29610485-29610674,29609284-29610373	exon=> In CDS Exon 3 and 2 of transcript AGAP002919-PA
JHU_Ag_72824	DIPGLTDVNVPR	AGAP002919-PA	-	73	4.45E-07	1	1295.699	2.47	Pupa	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_74475	SSLTSEK	AGAP002919-PA	-	38	0.001977664	2	751.383	0.29	Ovary	2R:-:29609880-29609860	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_74687	MGTEIGADHLGEEWK	AGAP002919-PA	M1(Oxidation)	96	3.02E-09	1	1672.764	0.48	Visceras	2R:-:29610584-29610540	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_77128	RKPEPAAQQK	AGAP002919-PA	Q8(Deamidated)	46	0.000183333	2	1152.648	-0.81	Head	2R:-:29609370-29609341	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_77149	KPAAASAPAGK	AGAP002919-PA	-	79	6.29E-08	1	968.553	0.56	Head	2R:-:29609559-29609527	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_79029	RPLPVKEGQKPR	AGAP002919-PA	-	63	5.57E-07	1	1404.844	0.37	Malpighian tubule	2R:-:29610111-29610076	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_80494	AAASSAKPEAAK	AGAP002919-PA	-	70	1.36E-06	1	1101.590	-0.04	Salivary gland	2R:-:29609523-29609488	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_80863	MGTEIGADHLGEEWK	AGAP002919-PA	-	49	0.000162352	1	1672.763	-0.11	Malpighian tubule	2R:-:29610584-29610540	exon=> In CDS Exon 2 of transcript AGAP002919-PA

JHU_Ag_81727	LNVSFPATGAQK	AGAP002919-PA	N2(Deamidated)	79	1.85E-07	1	1232.662	-1.32	Ovary	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_82237	KLYNLSK	AGAP002919-PA	-	38	0.000561242	1	865.515	1.14	Ovary	2R:-:29610162-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_83599	DIPGLTDVNVPRR	AGAP002919-PA	-	31	0.005487717	1	1451.804	5.11	Ovary	2R:-:29610231-29610193	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_85134	GCIVDQNLSALALVIVR	AGAP002919-PA	C2(Carbamidomethyl)	135	1.16E-13	1	1841.041	5.43	Visceras	2R:-:29610294-29610244	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_85221	LITPVVLQR	AGAP002919-PA	-	56	2.73E-06	1	1038.668	1.17	Visceras	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_86906	MGTEIGADHLGEEWKGYILK	AGAP002919-PA	M1(Oxidation)	97	3.01E-09	1	2263.108	0.5	Visceras	2R:-:29610584-29610525	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_88573	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	90	1.46E-08	1	1507.795	0.85	Ovary	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_89182	ETAAPAAAGAK	AGAP002919-PA	-	40	0.000903281	2	957.508	8.73	Male reproductive organs	2R:-:29609418-29609386	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_89915	MGTEIGADHLGEEWKGYILK	AGAP002919-PA	M1(Oxidation)	73	7.94E-07	1	2263.107	0.17	Midgut	2R:-:29610584-29610525	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_91791	MGTEIGADHLGEEWK	AGAP002919-PA	M1(Oxidation)	58	1.51E-05	2	1688.761	1.61	Salivary gland	2R:-:29610584-29610540	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_92764	KPEPAAQQK	AGAP002919-PA	-	38	0.001265573	2	996.549	1.87	Ovary	2R:-:29609367-29609341	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_94602	IQRLITPVVLQR	AGAP002919-PA	-	32	0.000316492	2	1435.915	2.72	Malpighian tubule	2R:-:29610060-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_95468	DIPGLTDVNVPR	AGAP002919-PA	-	72	5.95E-07	1	1295.695	-0.74	Male reproductive organs	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_96140	MGTEIGADHLGEEWKGYILK	AGAP002919-PA	M1(Oxidation)	126	3.99E-12	1	2263.107	0.27	Malpighian tubule	2R:-:29610584-29610525	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_96241	TFEIPSDDHK	AGAP002919-PA	-	44	0.000360149	1	1188.553	-0.36	Salivary gland	2R:-:29610638-29610609	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_97441	LYNLSK	AGAP002919-PA	-	37	0.001552606	1	737.419	0.27	Midgut	2R:-:29610159-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_100748	LITPVVLQR	AGAP002919-PA	-	63	4.39E-07	1	1038.669	2	Ovary	2R:-:29610051-29610025	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_101491	MGTEIGADHLGEEWKGYILK	AGAP002919-PA	M1(Oxidation)	36	0.003377856	1	2263.107	0.09	Salivary gland	2R:-:29610584-29610525	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_101613	IAGGNDKQGFPMK	AGAP002919-PA	M12(Oxidation)	100	1.98E-09	1	1378.681	1.91	Ovary	2R:-:29610524-29610486	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_101624	KLYNLSK	AGAP002919-PA	-	38	0.000542188	1	865.513	-0.91	Visceras	2R:-:29610162-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_102361	MGTEIGADHLGEEWK	AGAP002919-PA	M1(Oxidation)	106	2.12E-10	1	1688.763	2.33	Ovary	2R:-:29610584-29610540	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_102390	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	60	1.46E-05	2	1507.796	1.18	Male reproductive organs	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_102397	QGVLTNTR	AGAP002919-PA	-	54	8.90E-05	2	888.489	-0.75	Ovary	2R:-:29610485-29610674,29609284-29610373	exon=> In CDS Exon 3 and 2 of transcript AGAP002919-PA
JHU_Ag_102878	GCIVDQNLSALALVIVR	AGAP002919-PA	C2(Carbamidomethyl)	150	3.57E-15	2	1841.043	6.49	Salivary gland	2R:-:29610294-29610244	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_104580	KLYNLSK	AGAP002919-PA	-	41	0.000260752	2	865.512	-2.25	Pupa	2R:-:29610162-29610142	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_104764	LNVSFPATGAQK	AGAP002919-PA	-	71	1.02E-06	1	1232.664	0.76	Salivary gland	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA

JHU_Ag_108590	DIPGLTDVNVPR	AGAP002919-PA	-	100	8.90E-10	1	1295.702	5.01	Head	2R:-:29610231-29610196	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_109232	LNVSFPATGAQK	AGAP002919-PA	-	63	7.62E-06	1	1232.664	0.62	Midgut	2R:-:29610674-29610639	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_109418	TFEIPSDDHKLR	AGAP002919-PA	-	89	1.86E-08	1	1457.738	-0.45	Ovary	2R:-:29610638-29610603	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_109664	RPLPVK	AGAP002919-PA	-	32	0.000811 3	2	709.473	0.79	Ovary	2R:-:29610111-29610094	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_110147	KETAAPAAAGAK	AGAP002919-PA	-	45	0.000353 389	1	1085.595	-0.12	Male reproductive organs	2R:-:29609421-29609386	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_110205	TFEIPSDDHK	AGAP002919-PA	-	29	0.011885 463	1	1188.550	-2.3	Midgut	2R:-:29610638-29610609	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_110559	IAGGNDKQGFPMK	AGAP002919-PA	M12(Oxidation)	80	1.71E-07	1	1378.680	1.29	Malpighian tubule	2R:-:29610524-29610486	exon=> In CDS Exon 2 of transcript AGAP002919-PA
JHU_Ag_110810	KPAAASAPAGKK	AGAP002919-PA	-	74	1.21E-07	1	1096.646	-1.45	Male reproductive organs	2R:-:29609559-29609524	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_111445	RPLPVK	AGAP002919-PA	-	30	0.001219 498	2	709.481	12.32	Male reproductive organs	2R:-:29610111-29610094	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_111797	LYNLSKEDDVR	AGAP002919-PA	-	92	1.12E-08	1	1351.685	-0.21	Ovary	2R:-:29610159-29610127	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_112973	GHSCYRPR	AGAP002919-PA	C4(Carbamidomethyl)	35	0.002249 372	2	1032.477	-2.07	Head	2R:-:29610351-29610328	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_114352	MKLNVSFPATGAQK	AGAP002919-PA	M1(Oxidation)	75	4.65E-07	1	1507.797	2.31	Malpighian tubule	2R:-:29611231-29611231,29610467-29610639	exon=> In CDS Exon 2 and 1 of transcript AGAP002919-PA
JHU_Ag_114746	GCIVDQNLSALALVIVR	AGAP002919-PA	C2(Carbamidomethyl)	166	9.38E-17	1	1841.039	4.17	Ovary	2R:-:29610294-29610244	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_115428	AAASSAKPEAAK	AGAP002919-PA	-	71	1.30E-06	1	1101.594	3.73	Head	2R:-:29609523-29609488	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_115486	HRLLIK	AGAP002919-PA	-	19	0.009080 087	1	779.517	-10.84	Ovary	2R:-:29610018-29610001	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_117097	AAASSAKPEAAK	AGAP002919-PA	-	53	7.46E-05	1	1101.589	-0.63	Malpighian tubule	2R:-:29609523-29609488	exon=> In CDS Exon 3 of transcript AGAP002919-PA
JHU_Ag_115940	LLALR	AGAP002919-PA,AGAP010232-PB	-	36	0.000604 291	1	585.408	0.16	Larva	2R:-:29609952-29609938;3R:+:51317787-51317801	exon=> In CDS Exon 3 of transcript AGAP002919-PA;exon=> In CDS Exon 2 of transcript AGAP010232-PB
JHU_Ag_10749	EELSNILAHMR	AGAP002921-PA	M10(Oxidation)	75	4.12E-07	1	1328.664	0.54	Male reproductive organs	2R:+:29616057-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_15301	RLGTHIR	AGAP002921-PA	-	26	0.005190 621	2	852.518	2.01	Ovary	2R:+:29616021-29616041	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_18437	EVVGHAPYEK	AGAP002921-PA	-	53	4.95E-05	1	1128.571	2.67	Malpighian tubule	2R:+:29615931-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_27449	EVVGHAPYEKR	AGAP002921-PA	-	52	7.17E-05	1	1284.670	0.7	Male reproductive organs	2R:+:29615931-29615963	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_32634	REELSNILAHMR	AGAP002921-PA	M11(Oxidation)	62	8.31E-06	1	1484.763	-0.52	Ovary	2R:+:29616054-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_33222	YEMCVGLNK	AGAP002921-PA	M3(Oxidation), C4(Carbamidomethyl)	44	0.000258 042	1	1129.502	-0.16	Ovary	2R:+:29615456-29615482	exon=> In CDS Exon 1 of transcript AGAP002921-PA
JHU_Ag_36762	ALKFLK	AGAP002921-PA	-	29	0.000418 911	2	719.483	1.83	Malpighian tubule	2R:+:29616000-29616017	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_37150	EVVGHAPYEK	AGAP002921-PA	-	65	3.36E-06	1	1128.566	-1.76	Visceras	2R:+:29615931-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_42555	REELSNILAHMR	AGAP002921-PA	-	38	0.002215 388	1	1468.768	-0.39	Visceras	2R:+:29616054-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_43304	YEMCVGLNK	AGAP002921-PA	M3(Oxidation), C4(Carbamidomethyl)	40	0.000747 637	2	1129.501	-0.48	Salivary gland	2R:+:29615456-29615482	exon=> In CDS Exon 1 of transcript AGAP002921-PA

JHU_Ag_69211	EELSNILAHMR	AGAP002921-PA	M10(Oxidation)	77	2.58E-07	1	1328.667	3.21	Larva	2R:+:29616057-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_70170	EVVGHAPYEK	AGAP002921-PA	-	69	1.40E-06	1	1128.570	0.94	Ovary	2R:+:29615931-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_70611	EVVGHAPYEK	AGAP002921-PA	-	60	1.10E-05	1	1128.569	0.73	Pupa	2R:+:29615931-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_75554	DLVREVVGHAPYEK	AGAP002921-PA	-	74	4.74E-07	1	1611.853	2.63	Malpighian tubule	2R:+:29615919-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_79912	EELSNILAHMR	AGAP002921-PA	-	91	9.62E-09	1	1312.669	0.96	Visceras	2R:+:29616057-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_89888	EELSNILAHMR	AGAP002921-PA	M10(Oxidation)	90	1.14E-08	1	1328.664	1.28	Ovary	2R:+:29616057-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_91283	EVVGHAPYEK	AGAP002921-PA	-	65	2.77E-06	1	1128.572	3.11	Larva	2R:+:29615931-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_101697	EVVGHAPYEK	AGAP002921-PA	-	67	2.30E-06	1	1128.568	-0.57	Male reproductive organs	2R:+:29615931-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_108270	YEMCVGLNK	AGAP002921-PA	M3(Oxidation), C4(Carbamidomethyl)	46	0.000179346	2	1129.501	-0.81	Visceras	2R:+:29615456-29615482	exon=> In CDS Exon 1 of transcript AGAP002921-PA
JHU_Ag_110628	EELSNILAHMR	AGAP002921-PA	M10(Oxidation)	70	1.21E-06	2	1328.671	6.06	Head	2R:+:29616057-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_113272	YEMCVGLNK	AGAP002921-PA	C4(Carbamidomethyl)	42	0.000567313	1	1113.510	2.62	Malpighian tubule	2R:+:29615456-29615482	exon=> In CDS Exon 1 of transcript AGAP002921-PA
JHU_Ag_117049	EELSNILAHMR	AGAP002921-PA	M10(Oxidation)	56	3.16E-05	2	1328.670	5.23	Midgut	2R:+:29616057-29616089	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_117282	EVVGHAPYEK	AGAP002921-PA	-	65	3.40E-06	1	1128.570	1.27	Head	2R:+:29615931-29615960	exon=> In CDS Exon 2 of transcript AGAP002921-PA
JHU_Ag_72717	AREEFQSQFMSNSIVR	AGAP002922-PA	M10(Oxidation)	54	7.09E-05	3	1944.924	0.59	Male reproductive organs	2R:-:29620002-29619955	exon=> In CDS Exon 5 of transcript AGAP002922-PA
JHU_Ag_116036	NTTSLQQTLDDYRPFDNDR	AGAP002922-PA	-	77	2.88E-07	1	2299.067	3.69	Head	2R:-:29621948-29621892	exon=> In CDS Exon 2 of transcript AGAP002922-PA
JHU_Ag_16874	ALLTFAQR	AGAP002923-PA	-	42	0.000409547	1	919.535	-0.82	Ovary	2R:-:29630003-29629980	exon=> In CDS Exon 3 of transcript AGAP002923-PA
JHU_Ag_26486	FYNLVLLPR	AGAP002923-PA	-	68	7.88E-07	2	1134.667	0.12	Ovary	2R:-:29630399-29630373	exon=> In CDS Exon 3 of transcript AGAP002923-PA
JHU_Ag_45087	VVDAAVFHFLK	AGAP002923-PA	-	58	1.57E-05	1	1245.699	-0.38	Ovary	2R:-:29630078-29630046	exon=> In CDS Exon 3 of transcript AGAP002923-PA
JHU_Ag_56993	FYNLVLLPR	AGAP002923-PA	-	60	2.11E-06	2	1134.671	3.23	Malpighian tubule	2R:-:29630399-29630373	exon=> In CDS Exon 3 of transcript AGAP002923-PA
JHU_Ag_78434	GIVLPLLEAGDCTLR	AGAP002923-PA	C12(Carbamidomethyl)	70	8.94E-07	2	1626.893	2.64	Ovary	2R:-:29630279-29630235	exon=> In CDS Exon 3 of transcript AGAP002923-PA
JHU_Ag_81163	TLADIILEK	AGAP002923-PA	-	41	0.000724197	1	1015.605	1.2	Ovary	2R:-:29630708-29630682	exon=> In CDS Exon 3 of transcript AGAP002923-PA
JHU_Ag_764	QTSSFVNTDEAPNPFLTVDEAK	AGAP002925-PB	-	79	2.10E-07	1	2410.151	4.33	Larva	2R:-:29678832-29679674,29678285-29678693	exon=> In CDS Exon 3 and 2 of transcript AGAP002925-PB
JHU_Ag_10903	NLIGGAWPNI	AGAP002925-PB	-	36	0.001957924	2	1054.570	1.83	Pupa	2R:-:29678006-29677977	exon=> In CDS Exon 4 of transcript AGAP002925-PB
JHU_Ag_15110	KEENDFVDALLATNVMR	AGAP002925-PB	M16(Oxidation)	106	4.33E-10	1	1980.981	5.86	Larva	2R:-:29678596-29678546	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_18139	IYAIPTIEK	AGAP002925-PB	-	41	0.0003479	1	1047.612	3.74	Larva	2R:-:29678692-29678666	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_30875	TIWFTLYSR	AGAP002925-PB	-	51	0.000135295	2	1186.625	-0.22	Pupa	2R:-:29678473-29678447	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_31387	MHALFNNYELDTMTNEFVTPLEK	AGAP002925-PB	M1(Oxidation), M13(Oxidation)	106	3.60E-10	1	2789.288	2.96	Larva	2R:-:29678665-29678597	exon=> In CDS Exon 3 of transcript AGAP002925-PB

JHU_Ag_35890	QTSSFVNTDEAPNPFLTVDEAK	AGAP002925-PB	-	99	2.15E-09	2	2410.138	-1.14	Head	2R:-:29678832-29679674,29678285-29678693	exon=> In CDS Exon 3 and 2 of transcript AGAP002925-PB
JHU_Ag_36958	QGFFGGLFGK	AGAP002925-PB	-	52	7.89E-05	2	1057.552	5.15	Larva	2R:-:29679405-29679376	exon=> In CDS Exon 2 of transcript AGAP002925-PB
JHU_Ag_37269	KEENDFVDALLATNVMR	AGAP002925-PB	M16(Oxidation)	87	3.23E-08	2	1964.974	-0.46	Pupa	2R:-:29678596-29678546	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_61597	IYAIPTIEK	AGAP002925-PB	-	36	0.001400532	1	1047.609	0.29	Pupa	2R:-:29678692-29678666	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_69171	QTSSFVNTDEAPNPFLTVDEAK	AGAP002925-PB	-	111	1.18E-10	2	2410.144	1.09	Pupa	2R:-:29678832-29679674,29678285-29678693	exon=> In CDS Exon 3 and 2 of transcript AGAP002925-PB
JHU_Ag_75178	FVTINYQK	AGAP002925-PB	-	32	0.005295045	1	1012.547	0.62	Pupa	2R:-:29678856-29678833	exon=> In CDS Exon 2 of transcript AGAP002925-PB
JHU_Ag_75892	IYAIPTIEK	AGAP002925-PB	-	29	0.006300321	1	1047.608	-0.18	Ovary	2R:-:29678692-29678666	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_81976	QAMLFLQK	AGAP002925-PB	M3(Oxidation)	46	0.00020261	2	994.542	2.68	Larva	2R:-:29678545-29678522	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_89509	NLIGGAWPNI	AGAP002925-PB	-	34	0.002819887	2	1054.573	4.96	Larva	2R:-:29678006-29677977	exon=> In CDS Exon 4 of transcript AGAP002925-PB
JHU_Ag_92098	EENDFVDALLATNVMR	AGAP002925-PB	M15(Oxidation)	60	1.58E-05	2	1852.886	6.07	Larva	2R:-:29678593-29678546	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_105122	KEENDFVDALLATNVMR	AGAP002925-PB	M16(Oxidation)	75	6.00E-07	1	1980.975	2.63	Head	2R:-:29678596-29678546	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_111728	QGFFGGLFGK	AGAP002925-PB	-	41	0.001040365	2	1057.548	1.46	Head	2R:-:29679405-29679376	exon=> In CDS Exon 2 of transcript AGAP002925-PB
JHU_Ag_113582	TIWFTLYSR	AGAP002925-PB	-	52	9.75E-05	2	1186.629	3.18	Larva	2R:-:29678473-29678447	exon=> In CDS Exon 3 of transcript AGAP002925-PB
JHU_Ag_58206	VVVPEVLKPYQLSIYENLPIK	AGAP002926-PA	-	68	1.12E-07	1	2441.431	10.25	Larva	2R:+:29686086-29686132,29686200-29686215	exon=> In CDS Exon 4 and 5 of transcript AGAP002926-PA
JHU_Ag_1522	TTAAAASTASAGSK	AGAP002927-PB,AGAP002927-PA	-	83	7.50E-08	2	1194.600	3.05	Head	2R:-:29693486-29693445;2R:-:29693486-29693445	exon=> In CDS Exon 8 of transcript AGAP002927-PB;exon=> In CDS Exon 8 of transcript AGAP002927-PA
JHU_Ag_40522	HNEILTQFQEATPEFDYSNK	AGAP002927-PB,AGAP002927-PA	-	83	7.47E-08	2	2411.120	1.91	Head	2R:-:29696071-29696012;2R:-:29696071-29696012	exon=> In CDS Exon 5 of transcript AGAP002927-PB;exon=> In CDS Exon 5 of transcript AGAP002927-PA
JHU_Ag_68063	HYNDVPFHNYR	AGAP002927-PB,AGAP002927-PA	-	39	0.001436645	1	1461.661	-3.01	Head	2R:-:29703530-29703498;2R:-:29703530-29703498	exon=> In CDS Exon 2 of transcript AGAP002927-PB;exon=> In CDS Exon 2 of transcript AGAP002927-PA
JHU_Ag_41593	TFHTVCGIKNR	AGAP002929-PA	C6(Carbamidomethyl), N10(Deamidated)	33	0.010134862	1	1333.661	-5.16	Midgut	2R:-:29821493-29821461	exon=> In CDS Exon 2 of transcript AGAP002929-PA
JHU_Ag_96073	TFHTVCGIKNR	AGAP002929-PA	C6(Carbamidomethyl), N10(Deamidated)	37	0.00338623	1	1333.664	-2.96	Male reproductive organs	2R:-:29821493-29821461	exon=> In CDS Exon 2 of transcript AGAP002929-PA
JHU_Ag_6187	DAVLLVFANK	AGAP002931-PB	-	57	1.28E-05	2	1089.631	0.98	Ovary	2R:+:29824400-29824429	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_12924	QDLPNAMTAAELTDK	AGAP002931-PB	M7(Oxidation)	85	4.55E-08	1	1633.777	1.63	Ovary	2R:+:29824430-29824474	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_18253	IVEAEKELHSMLQEDELR	AGAP002931-PB	M11(Oxidation)	89	1.62E-08	1	2185.077	-1.5	Midgut	2R:+:29824346-29824399	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_20153	QDLPNAMTAAELTDKLHLNQLR	AGAP002931-PB	M7(Oxidation)	63	4.63E-06	1	2508.293	2.19	Salivary gland	2R:+:29824430-29824495	exon=> In CDS Exon 2 of transcript AGAP002931-PB

JHU_Ag_21298	DAVLLVFANK	AGAP002931-PB	-	51	6.24E-05	2	1089.630	-0.26	Malpighian tubule	2R:+:29824400-29824429	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_29327	NICFTVWDVGGQDK	AGAP002931-PB	C3(Carbamidomethyl)	82	7.95E-08	2	1638.762	2.28	Head	2R:+:29824226-29824267	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_35095	LHLNQLR	AGAP002931-PB	-	32	0.001245296	1	893.529	-3.27	Head	2R:+:29824475-29824495	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_37616	QDLPNAMTAAELTDKLHLNQLR	AGAP002931-PB	M7(Oxidation)	73	5.12E-07	1	2508.290	0.93	Midgut	2R:+:29824430-29824495	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_43526	DAVLLVFANK	AGAP002931-PB	-	85	2.79E-08	2	1089.630	-0.59	Midgut	2R:+:29824400-29824429	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_46222	QDLPNAMTAAELTDK	AGAP002931-PB	M7(Oxidation)	68	2.13E-06	2	1633.773	-0.76	Head	2R:+:29824430-29824474	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_61733	NICFTVWDVGGQDK	AGAP002931-PB	C3(Carbamidomethyl)	78	1.81E-07	2	1638.759	0.35	Salivary gland	2R:+:29824226-29824267	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_64272	ELHSMLQEDELR	AGAP002931-PB	M5(Oxidation)	42	0.000731683	2	1515.714	1.94	Midgut	2R:+:29824364-29824399	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_71087	ELHSMLQEDELR	AGAP002931-PB	M5(Oxidation)	55	3.64E-05	2	1499.722	3.78	Head	2R:+:29824364-29824399	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_72215	DAVLLVFANK	AGAP002931-PB	-	89	9.51E-09	2	1089.631	0.3	Head	2R:+:29824400-29824429	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_87476	ELHSMLQEDELRDAVLLVFANK	AGAP002931-PB	M5(Oxidation)	103	5.67E-10	1	2586.332	3.47	Ovary	2R:+:29824364-29824429	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_92389	NICFTVWDVGGQDK	AGAP002931-PB	C3(Carbamidomethyl)	94	4.82E-09	1	1638.757	-0.55	Midgut	2R:+:29824226-29824267	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_100255	QDLPNAMTAAELTDK	AGAP002931-PB	M7(Oxidation)	80	1.48E-07	1	1633.773	-0.68	Midgut	2R:+:29824430-29824474	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_110539	DAVLLVFANK	AGAP002931-PB	-	90	6.26E-09	2	1089.632	1.31	Visceras	2R:+:29824400-29824429	exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_45975	AAPLASNVEAFTSAK	AGAP002933-PA	-	87	2.75E-08	2	1476.767	-1.59	Midgut	2R:-:29834163-29834119	exon=> In CDS Exon 6 of transcript AGAP002933-PA
JHU_Ag_48310	VSLPYSEIR	AGAP002933-PA	-	42	0.00084989	2	1063.577	-1.24	Midgut	2R:-:29835234-29835208	exon=> In CDS Exon 3 of transcript AGAP002933-PA
JHU_Ag_104222	TAFISESASSLK	AGAP002933-PA	-	57	2.53E-05	2	1240.642	-0.39	Midgut	2R:-:29834830-29835006,29834528-29834736	exon=> In CDS Exon 5 and 4 of transcript AGAP002933-PA
JHU_Ag_113227	AGRLQQAALLAR	AGAP002933-PA	Q6(Deamidated)	30	0.003246098	1	1268.751	6	Malpighian tubule	2R:-:29833734-29833699	exon=> In CDS Exon 6 of transcript AGAP002933-PA
JHU_Ag_819	VIGTLLGSVDK	AGAP002935-PA	-	48	0.000110724	2	1101.650	-1.04	Salivary gland	2R:+:29839538-29839556,29839657-29839670	exon=> In CDS Exon 1 and 2 of transcript AGAP002935-PA
JHU_Ag_2847	VHPVVLFQIVDAYER	AGAP002935-PA	-	73	3.64E-07	2	1784.975	2.98	Malpighian tubule	2R:+:29839472-29839516	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_6809	DLLMVVTLSQLIK	AGAP002935-PA	M4(Oxidation)	88	3.86E-09	2	1488.870	-0.41	Midgut	2R:+:29840382-29840420	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_8042	GVVEVTNCFCLPHK	AGAP002935-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	86	3.67E-08	1	1659.800	1.12	Salivary gland	2R:+:29839671-29839712	exon=> In CDS Exon 2 of transcript AGAP002935-PA
JHU_Ag_8524	VNASENIVGWWATGQEVTNHSSVIHEYYAR	AGAP002935-PA	-	144	5.43E-14	1	3417.639	4.16	Salivary gland	2R:+:29839779-29839803,29839882-29839946	exon=> In CDS Exon 2 and 3 of transcript AGAP002935-PA
JHU_Ag_9105	VHPVVLFQIVDAYERR	AGAP002935-PA	-	64	1.63E-06	1	1941.077	3.4	Malpighian tubule	2R:+:29839472-29839519	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_9323	VNASENIVGWWATGQEVTNHSSVIHEYYAR	AGAP002935-PA	-	191	1.03E-18	1	3417.626	0.39	Ovary	2R:+:29839779-29839803,29839882-29839946	exon=> In CDS Exon 2 and 3 of transcript AGAP002935-PA
JHU_Ag_11459	TIGVQSNPSRPR	AGAP002935-PA	-	58	1.59E-05	1	1311.713	0.12	Malpighian tubule	2R:+:29840133-29840168	exon=> In CDS Exon 3 of transcript AGAP002935-PA

JHU_Ag_14327	ALLDLIHSVPNMTGDQFAQMFNSNVK	AGAP002935-PA	M12(Oxidation), M20(Oxidation)	45	0.000402458	1	2922.417	1.35	Pupa	2R:+:29840304-29840381	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_16261	LTSLTSFLN	AGAP002935-PA	-	41	0.000866609	1	995.539	-2.09	Ovary	2R:+:29840445-29840471	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_16802	TQLQLNEK	AGAP002935-PA	-	40	0.00188476	1	973.531	-0.53	Salivary gland	2R:+:29840421-29840444	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_17187	TQLQLNEK	AGAP002935-PA	-	51	0.000144106	1	973.534	2.3	Male reproductive organs	2R:+:29840421-29840444	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_17887	ECTNPVHLTLDTSLTGAR	AGAP002935-PA	C2(Carbamidomethyl)	87	3.22E-08	1	1984.979	1.48	Ovary	2R:+:29839947-29840000	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_19490	AYVCVSLGVPGGK	AGAP002935-PA	C4(Carbamidomethyl)	69	1.59E-06	2	1306.688	3.9	Ovary	2R:+:29840013-29840051	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_19850	GVVEVTNCFCLPHKEHTDQVEAELGYASDLYELNQR	AGAP002935-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	91	7.89E-09	1	4220.966	0.26	Salivary gland	2R:+:29839671-29839778	exon=> In CDS Exon 2 of transcript AGAP002935-PA
JHU_Ag_20758	VIGTLLGSVDK	AGAP002935-PA	-	76	1.38E-07	2	1101.654	2.51	Male reproductive organs	2R:+:29839538-29839556,29839657-29839670	exon=> In CDS Exon 1 and 2 of transcript AGAP002935-PA
JHU_Ag_21719	ALLDLIHSVPNMTGDQFAQMFNSNVK	AGAP002935-PA	M12(Oxidation), M20(Oxidation)	48	0.000204857	1	2922.414	0.6	Midgut	2R:+:29840304-29840381	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_22300	STINLPLNLTVR	AGAP002935-PA	N-Term(Acetyl)	62	2.47E-06	2	1382.807	4.66	Malpighian tubule	2R:+:29839436-29839471	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_23967	STINLPLNLTVR	AGAP002935-PA	N-Term(Acetyl)	91	3.58E-09	1	1382.797	-2.14	Ovary	2R:+:29839436-29839471	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_29551	VHPVVLFQIVDAYER	AGAP002935-PA	-	106	1.82E-10	2	1784.973	2.16	Ovary	2R:+:29839472-29839516	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_33396	ALLDLIHSVPNMTGDQFAQMFNSNVK	AGAP002935-PA	M12(Oxidation), M20(Oxidation)	59	1.66E-05	1	2922.408	-1.47	Salivary gland	2R:+:29840304-29840381	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_36160	VIGTLLGSVDK	AGAP002935-PA	-	36	0.001665558	2	1101.653	1.07	Pupa	2R:+:29839538-29839556,29839657-29839670	exon=> In CDS Exon 1 and 2 of transcript AGAP002935-PA
JHU_Ag_44247	ALLDLIHSVPNMTGDQFAQMFNSNVK	AGAP002935-PA	M12(Oxidation), M20(Oxidation)	109	1.88E-10	1	2922.411	-0.53	Male reproductive organs	2R:+:29840304-29840381	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_44270	TIGVQSNPSRPR	AGAP002935-PA	-	50	8.83E-05	1	1311.716	2.41	Male reproductive organs	2R:+:29840133-29840168	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_44370	ALLDLIHSVPNMTGDQFAQMFNSNVK	AGAP002935-PA	M12(Oxidation), M20(Oxidation)	120	1.48E-11	1	2922.413	0.29	Ovary	2R:+:29840304-29840381	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_44620	STINLPLNLTVR	AGAP002935-PA	N-Term(Acetyl)	66	8.86E-07	1	1382.801	0.33	Male reproductive organs	2R:+:29839436-29839471	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_46123	EHTDQVEAELGYASDLYELNQR	AGAP002935-PA	-	78	2.07E-07	1	2580.184	-0.37	Salivary gland	2R:+:29839713-29839778	exon=> In CDS Exon 2 of transcript AGAP002935-PA
JHU_Ag_49514	STINLPLNLTVR	AGAP002935-PA	N-Term(Acetyl)	54	1.52E-05	2	1382.800	-0.28	Midgut	2R:+:29839436-29839471	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_51437	GVVEVTNCFCLPHK	AGAP002935-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	102	9.51E-10	1	1659.803	2.89	Ovary	2R:+:29839671-29839712	exon=> In CDS Exon 2 of transcript AGAP002935-PA
JHU_Ag_54014	TIGVQSNPSRPR	AGAP002935-PA	-	39	0.001182598	2	1311.711	-1.13	Midgut	2R:+:29840133-29840168	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_54722	TVSPMLDLAQVTDASDK	AGAP002935-PA	-	72	1.11E-06	1	1790.891	3.78	Head	2R:+:29840169-29840219	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_60637	ALLDLIHSVPNMTGDQFAQMFNSNVK	AGAP002935-PA	M12(Oxidation), M20(Oxidation)	83	6.49E-08	1	2922.426	4.61	Head	2R:+:29840304-29840381	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_60663	TQLQLNEK	AGAP002935-PA	-	46	0.000484932	1	973.532	1.1	Ovary	2R:+:29840421-29840444	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_62024	ECTNPVHLTLDTSLTGAR	AGAP002935-PA	C2(Carbamidomethyl)	109	2.17E-10	1	1984.978	0.89	Salivary gland	2R:+:29839947-29840000	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_69870	VHPVVLFQIVDAYERR	AGAP002935-PA	-	64	2.02E-06	1	1941.068	-1.19	Salivary gland	2R:+:29839472-29839519	exon=> In CDS Exon 1 of transcript AGAP002935-PA

JHU_Ag_69969	EHTDQVEAELGYASDLYELNQR	AGAP002935-PA	-	53	5.66E-05	3	2580.182	-1.01	Malpighian tubule	2R:+:29839713-29839778	exon=> In CDS Exon 2 of transcript AGAP002935-PA
JHU_Ag_70159	TIGVQSNPSRPR	AGAP002935-PA	-	66	2.65E-06	1	1311.711	-1.04	Salivary gland	2R:+:29840133-29840168	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_70320	TVSPMLDLAQVTDASDK	AGAP002935-PA	M5(Oxidation)	109	2.18E-10	1	1806.878	-0.67	Midgut	2R:+:29840169-29840219	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_71622	TVSPMLDLAQVTDASDK	AGAP002935-PA	M5(Oxidation)	98	2.71E-09	2	1806.881	1.15	Pupa	2R:+:29840169-29840219	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_72085	DLLMVVTLSQLIK	AGAP002935-PA	M4(Oxidation)	91	1.68E-09	1	1488.871	0.41	Male reproductive organs	2R:+:29840382-29840420	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_73683	ALLDLIHSVPNMTGDQFAQMFNSNVK	AGAP002935-PA	M12(Oxidation), M20(Oxidation)	62	7.80E-06	3	2922.418	1.98	Larva	2R:+:29840304-29840381	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_74742	DLLMVVTLSQLIK	AGAP002935-PA	M4(Oxidation)	103	7.96E-11	1	1488.878	4.75	Salivary gland	2R:+:29840382-29840420	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_75725	VHPVVLFQIVDAYER	AGAP002935-PA	-	79	1.02E-07	1	1784.971	0.89	Pupa	2R:+:29839472-29839516	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_82417	VNASENIVGWWATGQEVTNHSSVIHEYYAR	AGAP002935-PA	-	136	3.34E-13	1	3417.637	3.67	Pupa	2R:+:29839779-29839803,29839882-29839946	exon=> In CDS Exon 2 and 3 of transcript AGAP002935-PA
JHU_Ag_83085	VHPVVLFQIVDAYER	AGAP002935-PA	-	104	3.30E-10	1	1784.974	2.64	Salivary gland	2R:+:29839472-29839516	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_86628	VHPVVLFQIVDAYERR	AGAP002935-PA	-	33	0.002595828	1	1941.072	0.88	Pupa	2R:+:29839472-29839519	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_86712	TVSPMLDLAQVTDASDK	AGAP002935-PA	M5(Oxidation)	126	4.07E-12	2	1806.881	1.02	Salivary gland	2R:+:29840169-29840219	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_88824	DLLMVVTLSQLIK	AGAP002935-PA	M4(Oxidation)	103	1.21E-10	1	1488.874	2.46	Ovary	2R:+:29840382-29840420	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_89995	LLALLSDVLAYVEDVLSEK	AGAP002935-PA	-	109	5.14E-11	2	2090.159	-1.79	Ovary	2R:+:29840220-29840276	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_92732	TQLQLNEK	AGAP002935-PA	N6(Deamidated)	39	0.002919325	2	974.515	-0.03	Midgut	2R:+:29840421-29840444	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_93228	TQLQLNEK	AGAP002935-PA	N6(Deamidated)	36	0.004979053	1	974.517	1.47	Malpighian tubule	2R:+:29840421-29840444	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_93810	VHPVVLFQIVDAYER	AGAP002935-PA	-	123	3.73E-12	1	1784.975	2.85	Male reproductive organs	2R:+:29839472-29839516	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_94704	TIGVQSNPSRPR	AGAP002935-PA	-	57	1.88E-05	1	1311.711	-1.41	Head	2R:+:29840133-29840168	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_96554	TVSPMLDLAQVTDASDK	AGAP002935-PA	-	66	3.86E-06	2	1790.886	1.05	Malpighian tubule	2R:+:29840169-29840219	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_96701	VHPVVLFQIVDAYER	AGAP002935-PA	-	109	1.10E-10	1	1784.972	1.28	Midgut	2R:+:29839472-29839516	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_100811	TVSPMLDLAQVTDASDK	AGAP002935-PA	M5(Oxidation)	120	1.57E-11	1	1806.881	0.82	Ovary	2R:+:29840169-29840219	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_102563	VIGTLLGSVDK	AGAP002935-PA	-	46	0.000179292	2	1101.652	0.84	Midgut	2R:+:29839538-29839556,29839657-29839670	exon=> In CDS Exon 1 and 2 of transcript AGAP002935-PA
JHU_Ag_104042	VIGTLLGSVDK	AGAP002935-PA	-	79	7.94E-08	1	1101.653	1.18	Ovary	2R:+:29839538-29839556,29839657-29839670	exon=> In CDS Exon 1 and 2 of transcript AGAP002935-PA
JHU_Ag_105231	EHTDQVEAELGYASDLYELNQR	AGAP002935-PA	-	101	9.18E-10	2	2580.188	1.2	Ovary	2R:+:29839713-29839778	exon=> In CDS Exon 2 of transcript AGAP002935-PA
JHU_Ag_110223	STINLPLNLTVR	AGAP002935-PA	N-Term(Acetyl)	32	0.002520349	2	1382.805	3.25	Pupa	2R:+:29839436-29839471	exon=> In CDS Exon 1 of transcript AGAP002935-PA
JHU_Ag_113315	STINLPLNLTVR	AGAP002935-PA	N-Term(Acetyl)	70	3.87E-07	1	1382.806	4.13	Salivary gland	2R:+:29839436-29839471	exon=> In CDS Exon 1 of transcript AGAP002935-PA

JHU_Ag_113892	TIGVQSNPSRPR	AGAP002935-PA	-	35	0.003312286	1	1311.714	1.16	Pupa	2R:+:29840133-29840168	exon=> In CDS Exon 3 of transcript AGAP002935-PA
JHU_Ag_11725	GILPPVLVETPK	AGAP002939-PB	-	33	0.000771131	1	1262.773	1.14	Malpighian tubule	2R:-:29867637-29867602	exon=> In CDS Exon 2 of transcript AGAP002939-PB
JHU_Ag_12167	LQLQASPSAGAAK	AGAP002939-PB	-	40	0.000803261	2	1241.685	0.37	Midgut	2R:-:29867839-29867801	exon=> In CDS Exon 1 of transcript AGAP002939-PB
JHU_Ag_19002	QIIHESGFGLNGLNR	AGAP002939-PB	-	51	6.62E-05	2	1654.876	5.73	Malpighian tubule	2R:-:29867247-29867203	exon=> In CDS Exon 4 of transcript AGAP002939-PB
JHU_Ag_24252	TTFGSMVIVAR	AGAP002939-PB	-	45	0.000274329	2	1181.637	2	Malpighian tubule	2R:-:29866281-29866249	exon=> In CDS Exon 6 of transcript AGAP002939-PB
JHU_Ag_33415	VGIGFVSGTLGSIVNIPFDVAK	AGAP002939-PB	-	47	5.42E-05	1	2190.215	-1.03	Ovary	2R:-:29866578-29866513	exon=> In CDS Exon 5 of transcript AGAP002939-PB
JHU_Ag_40202	IQGPQPIPGQVK	AGAP002939-PB	-	34	0.002113505	2	1261.726	0.1	Malpighian tubule	2R:-:29866506-29866605,29866123-29866288	exon=> In CDS Exon 6 and 5 of transcript AGAP002939-PB
JHU_Ag_54539	STTYYNGVFDCIR	AGAP002939-PB	N6(Deamidated), C11(Carbamidomethyl)	47	0.000185566	1	1596.708	4.79	Malpighian tubule	2R:-:29867800-29867956,29867527-29867677	exon=> In CDS Exon 2 and 1 of transcript AGAP002939-PB
JHU_Ag_55552	IQGPQPIPGQVK	AGAP002939-PB	-	54	2.17E-05	2	1261.723	-2.9	Midgut	2R:-:29866506-29866605,29866123-29866288	exon=> In CDS Exon 6 and 5 of transcript AGAP002939-PB
JHU_Ag_59852	SEGVFSLYK	AGAP002939-PB	-	32	0.006341461	1	1029.527	1.44	Malpighian tubule	2R:-:29867664-29867638	exon=> In CDS Exon 2 of transcript AGAP002939-PB
JHU_Ag_62006	MGQVPSTWAVTK	AGAP002939-PB	M1(Oxidation)	37	0.003326566	2	1320.661	-0.68	Midgut	2R:-:29867283-29867248	exon=> In CDS Exon 4 of transcript AGAP002939-PB
JHU_Ag_63158	IQGPQPIPGQVK	AGAP002939-PB	-	44	0.00018179	1	1261.728	1.26	Salivary gland	2R:-:29866506-29866605,29866123-29866288	exon=> In CDS Exon 6 and 5 of transcript AGAP002939-PB
JHU_Ag_67243	STTYYNGVFDCIRK	AGAP002939-PB	C11(Carbamidomethyl)	103	7.24E-10	1	1723.813	1.18	Malpighian tubule	2R:-:29867800-29867956,29867527-29867674	exon=> In CDS Exon 2 and 1 of transcript AGAP002939-PB
JHU_Ag_67997	PSDLKEFLR	AGAP002939-PB	-	53	6.30E-05	1	1104.606	1.34	Malpighian tubule	2R:-:29867953-29867927	exon=> In CDS Exon 1 of transcript AGAP002939-PB
JHU_Ag_73612	IQGPQPIPGQVK	AGAP002939-PB	-	42	0.000308321	1	1261.725	-0.77	Pupa	2R:-:29866506-29866605,29866123-29866288	exon=> In CDS Exon 6 and 5 of transcript AGAP002939-PB
JHU_Ag_88587	VGIGFVSGTLGSIVNIPFDVAK	AGAP002939-PB	-	60	2.29E-06	1	2190.219	0.71	Midgut	2R:-:29866578-29866513	exon=> In CDS Exon 5 of transcript AGAP002939-PB
JHU_Ag_88996	TRLQLQASPSAGAAK	AGAP002939-PB	-	79	6.75E-08	2	1498.837	1.94	Malpighian tubule	2R:-:29867845-29867801	exon=> In CDS Exon 1 of transcript AGAP002939-PB
JHU_Ag_104308	KVGIGFVSGTLGSIVNIPFDVAK	AGAP002939-PB	-	44	6.52E-05	1	2318.329	7.3	Salivary gland	2R:-:29866581-29866513	exon=> In CDS Exon 5 of transcript AGAP002939-PB
JHU_Ag_108139	QIIHESGFGLNGLNR	AGAP002939-PB	-	44	0.000431843	1	1654.863	-1.79	Midgut	2R:-:29867247-29867203	exon=> In CDS Exon 4 of transcript AGAP002939-PB
JHU_Ag_110206	KVGIGFVSGTLGSIVNIPFDVAK	AGAP002939-PB	-	33	0.001014312	1	2318.311	-0.52	Midgut	2R:-:29866581-29866513	exon=> In CDS Exon 5 of transcript AGAP002939-PB
JHU_Ag_111790	IQGPQPIPGQVKYR	AGAP002939-PB	-	33	0.00225659	1	1580.895	2.39	Malpighian tubule	2R:-:29866506-29866605,29866123-29866282	exon=> In CDS Exon 6 and 5 of transcript AGAP002939-PB
JHU_Ag_113515	LQLQASPSAGAAK	AGAP002939-PB	-	48	0.000138557	1	1241.689	3.12	Malpighian tubule	2R:-:29867839-29867801	exon=> In CDS Exon 1 of transcript AGAP002939-PB
JHU_Ag_55701	VIFATAEDHATPSK	AGAP002940-PA	-	55	4.46E-05	2	1486.757	2.39	Head	2R:+:29869313-29869354	exon=> In CDS Exon 1 of transcript AGAP002940-PA
JHU_Ag_93059	GRSVNIK	AGAP002942-PA	N5(Deamidated)	31	0.007770156	1	774.448	1.05	Head	2R:+:29883630-29883650	exon=> In CDS Exon 4 of transcript AGAP002942-PA

JHU_Ag_47437	IVEAHGTFYTNHCLECK	AGAP002943-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	38	0.002033227	1	2078.946	1.57	Head	2R:+:29990352-29990402	exon=> In CDS Exon 2 of transcript AGAP002943-PA
JHU_Ag_86128	IFADEVPTCPCGGVIKPDIVFFGEGLPER	AGAP002943-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	73	4.88E-07	1	3219.599	4.34	Head	2R:+:29990527-29990613	exon=> In CDS Exon 3 of transcript AGAP002943-PA
JHU_Ag_95995	HYTQNIDTLER	AGAP002943-PA	-	51	0.000122342	2	1389.673	-1.88	Head	2R:+:29990295-29990327	exon=> In CDS Exon 2 of transcript AGAP002943-PA
JHU_Ag_55	AALLNQYYQQAFQGK	AGAP002945-PA	-	95	4.66E-09	1	1742.889	1.58	Pupa	2R:-:30006114-30006070	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_61	THIADFAPEVAWVTK	AGAP002945-PA	-	39	0.001552048	1	1684.876	3.95	Malpighian tubule	2R:-:30001858-30001814	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_106	VLIDLADAK	AGAP002945-PA	-	51	0.000114766	2	957.562	0.05	Malpighian tubule	2R:-:30005115-30005089	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_966	VPVNVAGVQPGTMQAAVHPK	AGAP002945-PA	M13(Oxidation)	72	7.01E-07	1	2016.067	-1.48	Midgut	2R:-:30005217-30005158	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_1621	LGVKECYFPIFVSR	AGAP002945-PA	C6(Carbamidomethyl)	72	8.37E-07	1	1714.907	4.99	Malpighian tubule	2R:-:30001921-30001880	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_2655	ECYFPIFVSR	AGAP002945-PA	C2(Carbamidomethyl)	35	0.004254533	2	1317.630	0.29	Head	2R:-:30001909-30001880	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_2820	AAKPEVDAAVK	AGAP002945-PA	-	51	7.15E-05	1	1098.619	3.22	Ovary	2R:-:30003487-30003455	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_4804	EFLWQEGHTAFASK	AGAP002945-PA	-	56	4.25E-05	2	1650.797	3.64	Ovary	2R:-:30001542-30001501	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_5173	LNQWNNVVR	AGAP002945-PA	-	54	4.35E-05	2	1142.606	-0.38	Midgut	2R:-:30001702-30003820,30000490-30001582	exon=> In CDS Exon 5 and 4 of transcript AGAP002945-PA
JHU_Ag_5954	GQATAELGQLLETIHASMYER	AGAP002945-PA	M18(Oxidation)	127	2.92E-12	1	2334.149	4.06	Ovary	2R:-:30000858-30000796	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_9367	AIQGATSHHLGQNFSR	AGAP002945-PA	-	91	1.11E-08	1	1723.872	5.62	Malpighian tubule	2R:-:30001335-30001288	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_10312	DLQNDQFVAVR	AGAP002945-PA	-	50	0.000193445	2	1304.661	1.27	Malpighian tubule	2R:-:30000924-30000892	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_10353	ECYFPIFVSR	AGAP002945-PA	C2(Carbamidomethyl)	43	0.000757773	2	1317.631	0.85	Ovary	2R:-:30001909-30001880	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_12605	AIQGATSHHLGQNFSR	AGAP002945-PA	-	87	2.94E-08	2	1723.866	1.84	Head	2R:-:30001335-30001288	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_16458	ECYFPIFVSR	AGAP002945-PA	C2(Carbamidomethyl)	44	0.000649413	2	1317.634	3.35	Salivary gland	2R:-:30001909-30001880	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_16734	FVDLPGAEMGK	AGAP002945-PA	M9(Oxidation)	40	0.001600796	2	1179.576	3.57	Ovary	2R:-:30006204-30006172	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_18325	VELGFKDLQNDQFVAVR	AGAP002945-PA	-	42	0.000580295	3	1978.050	5.24	Salivary gland	2R:-:30000942-30000892	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_18913	VYTDLLAIPVVK	AGAP002945-PA	-	78	2.65E-08	2	1330.798	0.2	Midgut	2R:-:30001452-30001417	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_25250	FAGGDYTTTVEAYISASGR	AGAP002945-PA	-	90	1.43E-08	2	1965.923	2.02	Malpighian tubule	2R:-:30001392-30001336	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_25367	ILLDLK	AGAP002945-PA	-	36	0.001065273	2	714.479	3.96	Ovary	2R:-:30002290-30002273	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_28013	FAGGDYTTTVEAYISASGR	AGAP002945-PA	-	63	7.30E-06	1	1965.922	1.34	Ovary	2R:-:30001392-30001336	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_28048	IDMASPNGCMRDPTIYR	AGAP002945-PA	M3(Oxidation), C9(Carbamidomethyl), M10(Oxidation)	37	0.001848659	1	2028.902	3.89	Malpighian tubule	2R:-:30005739-30005689	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_28835	ILLDLK	AGAP002945-PA	-	30	0.00179659	1	714.476	-0.66	Midgut	2R:-:30002290-30002273	exon=> In CDS Exon 4 of transcript AGAP002945-PA

JHU_Ag_29568	DDAEAEAGAPAMGAK	AGAP002945-PA	M12(Oxidation)	47	0.000111248	2	1419.606	0.35	Male reproductive organs	2R:-:30000651-30000607	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_29733	DLQNDQFVAVR	AGAP002945-PA	-	54	7.01E-05	2	1304.655	-3.31	Midgut	2R:-:30000924-30000892	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_37572	AYVDDTEPEQMK	AGAP002945-PA	M11(Oxidation)	68	6.94E-07	2	1441.617	0.98	Head	2R:-:30005898-30005863	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_37956	TREFLWQEGHTAFASK	AGAP002945-PA	-	73	8.84E-07	1	1907.946	3.15	Salivary gland	2R:-:30001548-30001501	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_38875	SGDSELAEPIAVRPTSETVMYPAYAK	AGAP002945-PA	M20(Oxidation)	155	5.40E-15	1	2798.366	3.8	Ovary	2R:-:30001813-30001736	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_40048	VDQAYQPASEFSGAETPIVLFAIPDGHVAAVPTANVPK	AGAP002945-PA	-	58	9.75E-06	1	3907.002	2.69	Visceras	2R:-:30004633-30004520	exon=> In CDS Exon 3 of transcript AGAP002945-PA
JHU_Ag_40259	LTWLCELPADQYTPTYCVYFEHIISKPVLGKDEDFK	AGAP002945-PA	C5(Carbamidomethyl), C17(Carbamidomethyl)	51	5.48E-05	1	4376.152	5.13	Ovary	2R:-:30004944-30004837	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_40618	GDIIQLQR	AGAP002945-PA	-	38	0.001511545	2	942.536	-0.48	Midgut	2R:-:30004672-30004649	exon=> In CDS Exon 3 of transcript AGAP002945-PA
JHU_Ag_41392	VPVNVAGVQPGTMQAAVHPK	AGAP002945-PA	M13(Oxidation)	118	1.42E-11	1	2016.076	2.97	Ovary	2R:-:30005217-30005158	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_42101	TREFLWQEGHTAFASK	AGAP002945-PA	-	92	1.15E-08	1	1907.951	5.83	Ovary	2R:-:30001548-30001501	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_42717	TREFLWQEGHTAFASK	AGAP002945-PA	-	73	9.69E-07	1	1907.941	0.46	Midgut	2R:-:30001548-30001501	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_43395	DLQNDQFVAVR	AGAP002945-PA	-	74	7.06E-07	2	1304.660	0.62	Head	2R:-:30000924-30000892	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_43770	IVEQGNLVR	AGAP002945-PA	-	40	0.000687607	2	1027.588	-1.18	Head	2R:-:30003532-30003506	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_44463	VPVNVAGVQPGTMQAAVHPK	AGAP002945-PA	M13(Oxidation)	105	2.88E-10	1	2016.078	3.96	Malpighian tubule	2R:-:30005217-30005158	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_45751	TLACITNNDVLR	AGAP002945-PA	C4(Carbamidomethyl)	67	3.52E-06	2	1389.723	5.51	Malpighian tubule	2R:-:30006666-30006631	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_46326	KGDIIQLQR	AGAP002945-PA	-	53	3.46E-05	1	1070.633	0.84	Salivary gland	2R:-:30004675-30004649	exon=> In CDS Exon 3 of transcript AGAP002945-PA
JHU_Ag_47571	SGDSELAEPIAVRPTSETVMYPAYAK	AGAP002945-PA	M20(Oxidation)	92	1.02E-08	1	2782.363	0.96	Head	2R:-:30001813-30001736	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_47594	AATGSDWKPGAVVASPAATAAAAAPQPTAAASGGADAINAK	AGAP002945-PA	-	31	0.005704686	1	3632.849	5	Malpighian tubule	2R:-:30003424-30003302	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_52361	RGQATAELGQLLETIHASMYER	AGAP002945-PA	M19(Oxidation)	68	2.34E-06	1	2490.253	4.82	Ovary	2R:-:30000861-30000796	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_53393	QWGEFLQFLEAK	AGAP002945-PA	-	37	0.00280739	2	1495.762	2.72	Midgut	2R:-:30000756-30000721	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_53559	YTALESEARVPVNVAGVQPGTMQAAVHPK	AGAP002945-PA	M22(Oxidation)	163	4.31E-16	1	3036.568	3.38	Malpighian tubule	2R:-:30005244-30005158	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_54110	LNQWNNVVR	AGAP002945-PA	-	48	0.000174103	2	1142.612	5.07	Malpighian tubule	2R:-:30001702-30003820,30000490-30001582	exon=> In CDS Exon 5 and 4 of transcript AGAP002945-PA
JHU_Ag_54605	GADGVPVSVDATPNLDNK	AGAP002945-PA	-	72	1.08E-06	1	1768.874	1.78	Head	2R:-:30005019-30004966	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_56294	DDAEAEAGAPAMGAK	AGAP002945-PA	M12(Oxidation)	43	0.000300738	2	1419.613	5.25	Larva	2R:-:30000651-30000607	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_58954	LNQWNNVVR	AGAP002945-PA	-	44	0.000447513	2	1142.608	1.33	Ovary	2R:-:30001702-30003820,30000490-30001582	exon=> In CDS Exon 5 and 4 of transcript AGAP002945-PA
JHU_Ag_59209	VDQAYQPASEFSGAETPIVLFAIPDGHVAAVPTANVPK	AGAP002945-PA	-	99	7.32E-10	1	3907.013	5.4	Head	2R:-:30004633-30004520	exon=> In CDS Exon 3 of transcript AGAP002945-PA
JHU_Ag_59886	TLACITNNDVLR	AGAP002945-PA	C4(Carbamidomethyl)	39	0.002020824	2	1389.723	5.33	Midgut	2R:-:30006666-30006631	exon=> In CDS Exon 2 of transcript AGAP002945-PA

JHU_Ag_60905	AALLNQYYQQAFQGK	AGAP002945-PA	-	76	3.71E-07	2	1742.895	5.29	Larva	2R:-:30006114-30006070	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_62715	SGDSELAEPIAVRPTSETVMYPAYAK	AGAP002945-PA	M20(Oxidation)	99	1.93E-09	1	2798.366	3.8	Malpighian tubule	2R:-:30001813-30001736	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_62913	QWGEFLQFLEAK	AGAP002945-PA	-	42	0.000802083	1	1495.765	4.6	Ovary	2R:-:30000756-30000721	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_63115	DLQNDQFVAVR	AGAP002945-PA	-	67	3.62E-06	1	1304.659	-0.04	Salivary gland	2R:-:30000924-30000892	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_63271	SGDSELAEPIAVRPTSETVMYPAYAK	AGAP002945-PA	M20(Oxidation)	64	6.49E-06	1	2798.357	0.4	Midgut	2R:-:30001813-30001736	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_64688	IVEQGNLVR	AGAP002945-PA	-	57	1.39E-05	2	1027.589	-0.23	Malpighian tubule	2R:-:30003532-30003506	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_66403	IIAQGDLVR	AGAP002945-PA	-	29	0.007810711	1	984.585	1.13	Ovary	2R:-:30002827-30002801	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_68681	VYTDLLAIPVVK	AGAP002945-PA	-	49	2.11E-05	2	1330.798	-0.08	Male reproductive organs	2R:-:30001452-30001417	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_69355	SNAAVGGLIAAELLRPAYPIEVR	AGAP002945-PA	-	82	1.53E-08	1	2380.343	3.22	Head	2R:-:30006891-30006918,30004813-30006703	exon=> In CDS Exon 2 and 1 of transcript AGAP002945-PA
JHU_Ag_70025	IVEQGNLVR	AGAP002945-PA	-	33	0.003294744	2	1027.590	0.24	Midgut	2R:-:30003532-30003506	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_72380	SNAAVGGLIAAELLRPAYPIEVR	AGAP002945-PA	-	49	2.59E-05	1	2380.350	6.22	Malpighian tubule	2R:-:30006891-30006918,30004813-30006703	exon=> In CDS Exon 2 and 1 of transcript AGAP002945-PA
JHU_Ag_73671	VDQAYQPASEFSGAETPIVLFAIPDGHVAAVPTANVPK	AGAP002945-PA	-	218	1.01E-21	1	3907.004	3.34	Ovary	2R:-:30004633-30004520	exon=> In CDS Exon 3 of transcript AGAP002945-PA
JHU_Ag_74732	DLQNDQFVAVR	AGAP002945-PA	-	39	0.002566323	2	1304.658	-1.35	Pupa	2R:-:30000924-30000892	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_75986	THIADFAPEVAWVTK	AGAP002945-PA	-	82	8.86E-08	2	1684.873	2.26	Ovary	2R:-:30001858-30001814	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_76079	VYTDLLAIPVVK	AGAP002945-PA	-	81	7.07E-09	2	1330.805	5.24	Salivary gland	2R:-:30001452-30001417	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_77273	IVEQGNLVRDLK	AGAP002945-PA	-	33	0.002293877	1	1383.801	4.28	Malpighian tubule	2R:-:30003532-30003497	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_77694	AATGSDWKPGAVVASPAATAAAAAPQPTAAASGGADAINAK	AGAP002945-PA	-	171	6.33E-17	1	3632.838	2.18	Ovary	2R:-:30003424-30003302	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_77892	AAKPEVDAAVK	AGAP002945-PA	-	58	1.46E-05	1	1098.616	0.14	Head	2R:-:30003487-30003455	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_79005	WGNETSISYATR	AGAP002945-PA	-	68	2.31E-06	2	1384.653	2.38	Ovary	2R:-:30006702-30006667	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_80836	RPYIWEYSR	AGAP002945-PA	-	35	0.003501917	1	1269.643	3.93	Ovary	2R:-:30005514-30005488	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_81502	VYTDLLAIPVVK	AGAP002945-PA	-	75	5.49E-08	2	1330.802	2.68	Head	2R:-:30001452-30001417	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_81891	YEQLKK	AGAP002945-PA	Q3(Deamidated)	31	0.006144668	1	809.438	-2.86	Head	2R:-:30006414-30006397	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_82545	VYTDLLAIPVVK	AGAP002945-PA	-	36	0.000429865	2	1330.803	3.41	Malpighian tubule	2R:-:30001452-30001417	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_83027	GMTVEGLREFIIAQGSSK	AGAP002945-PA	M2(Oxidation)	57	2.77E-05	1	1939.005	4.95	Malpighian tubule	2R:-:30005370-30005317	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_84770	AALLNQYYQQAFQGK	AGAP002945-PA	-	97	2.94E-09	1	1742.892	3.47	Ovary	2R:-:30006114-30006070	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_85848	ALLDLKAQYK	AGAP002945-PA	-	53	1.62E-05	1	1162.686	2.37	Malpighian tubule	2R:-:30002749-30002720	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_87546	EFLWQEGHTAFASK	AGAP002945-PA	-	64	6.55E-06	2	1650.797	3.64	Salivary gland	2R:-:30001542-30001501	exon=> In CDS Exon 5 of transcript AGAP002945-PA

JHU_Ag_89502	SNAAVGGLIAAELLRPAYPIEVR	AGAP002945-PA	-	88	4.45E-09	1	2380.334	-0.55	Ovary	2R:-:30006891-30006918,30004813-30006703	exon=> In CDS Exon 2 and 1 of transcript AGAP002945-PA
JHU_Ag_89586	QQAAVKPSSGSSASDAAHLNESITQQGEQVR	AGAP002945-PA	-	39	0.001504352	1	3181.558	3.31	Malpighian tubule	2R:-:30003805-30003713	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_90402	DDAEAEAGAPAMGAK	AGAP002945-PA	M12(Oxidation)	85	1.60E-08	2	1419.608	1.81	Head	2R:-:30000651-30000607	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_90671	IVEQGNLVR	AGAP002945-PA	-	35	0.002163615	2	1027.591	1.67	Salivary gland	2R:-:30003532-30003506	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_91794	VSTFVCSK	AGAP002945-PA	N-Term(Acetyl), C6(Carbamidomethyl)	49	0.000120458	2	969.474	3.55	Malpighian tubule	2R:-:30006915-30006892	exon=> In CDS Exon 1 of transcript AGAP002945-PA
JHU_Ag_93113	TLACITNNDVLR	AGAP002945-PA	C4(Carbamidomethyl)	60	1.58E-05	1	1389.720	2.96	Ovary	2R:-:30006666-30006631	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_93653	AALLNQYYQQAFQGK	AGAP002945-PA	-	95	5.24E-09	1	1742.884	-1.43	Midgut	2R:-:30006114-30006070	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_94987	GQATAELGQLLETIHASMYER	AGAP002945-PA	M18(Oxidation)	55	5.01E-05	1	2334.147	3.36	Salivary gland	2R:-:30000858-30000796	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_95913	AQTGSDWKPGAAVVVASAAPAAGSSDADSLNGK	AGAP002945-PA	-	39	0.001620773	3	3056.496	1.11	Ovary	2R:-:30003631-30003533	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_96579	LTGTDYAPPGGAAAGGR	AGAP002945-PA	-	63	7.71E-06	2	1531.751	0.73	Salivary gland	2R:-:30002257-30002207	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_97580	SKQQAAVKPSSGSSASDAAHLNESITQQGEQVR	AGAP002945-PA	-	51	8.71E-05	1	3396.682	2.3	Malpighian tubule	2R:-:30003811-30003713	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_97730	FYTLFGR	AGAP002945-PA	-	41	0.001459702	2	903.472	-0.41	Malpighian tubule	2R:-:30000519-30000499	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_98334	VPVNVAGVQPGTMQAAVHPK	AGAP002945-PA	M13(Oxidation)	147	1.94E-14	1	2016.073	1.88	Head	2R:-:30005217-30005158	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_98880	VYTDLLAIPVVK	AGAP002945-PA	-	88	2.14E-09	2	1330.799	0.66	Ovary	2R:-:30001452-30001417	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_100848	IIAQGDLVR	AGAP002945-PA	-	58	1.10E-05	2	984.586	2.31	Malpighian tubule	2R:-:30002827-30002801	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_102104	EDNLPDWYSQVITK	AGAP002945-PA	-	48	0.000266517	1	1707.829	3.75	Salivary gland	2R:-:30002071-30002030	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_103290	AALLNQYYQQAFQGK	AGAP002945-PA	-	125	4.31E-12	1	1742.893	3.75	Salivary gland	2R:-:30006114-30006070	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_103579	VLIDLADAK	AGAP002945-PA	-	60	1.27E-05	2	957.562	0.05	Midgut	2R:-:30005115-30005089	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_105655	LYGETPIER	AGAP002945-PA	-	52	8.87E-05	1	1077.561	3.06	Malpighian tubule	2R:-:30006600-30006574	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_105823	EKEYVFQNSWGITTR	AGAP002945-PA	-	49	0.000210024	2	1857.924	5.96	Salivary gland	2R:-:30001251-30001207	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_107009	LGLEATKEDNLPDWYSQVITK	AGAP002945-PA	-	50	0.000128567	1	2420.228	-2.53	Ovary	2R:-:30002092-30002030	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_107744	SNAAVGGLIAAELLRPAYPIEVR	AGAP002945-PA	-	94	1.02E-09	1	2380.339	1.76	Pupa	2R:-:30006891-30006918,30004813-30006703	exon=> In CDS Exon 2 and 1 of transcript AGAP002945-PA
JHU_Ag_111848	QQAAVKPSSGSSASDAAHLNESITQQGEQVRK	AGAP002945-PA	-	119	1.27E-11	1	3309.655	4	Malpighian tubule	2R:-:30003805-30003710	exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_112595	HADELR	AGAP002945-PA	-	41	0.000608114	2	740.372	4.49	Ovary	2R:-:30006318-30006301	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_112641	VSTFVCSK	AGAP002945-PA	N-Term(Acetyl), C6(Carbamidomethyl)	41	0.000767074	2	969.474	3.43	Salivary gland	2R:-:30006915-30006892	exon=> In CDS Exon 1 of transcript AGAP002945-PA
JHU_Ag_112897	VLIDLADAK	AGAP002945-PA	-	58	1.71E-05	1	957.564	2.99	Ovary	2R:-:30005115-30005089	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_113310	AALLNQYYQQAFQGK	AGAP002945-PA	-	62	1.08E-05	2	1742.889	1.44	Male reproductive organs	2R:-:30006114-30006070	exon=> In CDS Exon 2 of transcript AGAP002945-PA

JHU_Ag_114366	DLQNDQFVAVR	AGAP002945-PA	-	37	0.003837703	2	1304.661	0.99	Ovary	2R:-:30000924-30000892	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_114638	MFDIVYEHPETK	AGAP002945-PA	M1(Oxidation)	37	0.002484676	1	1524.708	2.85	Salivary gland	2R:-:30001287-30001252	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_115210	AALLNQYYQQAFQGK	AGAP002945-PA	-	111	1.12E-10	1	1742.894	4.66	Malpighian tubule	2R:-:30006114-30006070	exon=> In CDS Exon 2 of transcript AGAP002945-PA
JHU_Ag_117304	AIQGATSHHLGQNFSR	AGAP002945-PA	-	38	0.002278722	1	1723.861	-0.64	Ovary	2R:-:30001335-30001288	exon=> In CDS Exon 5 of transcript AGAP002945-PA
JHU_Ag_41734	RAEFEQQIDR	AGAP002947-PA	-	46	0.000478023	1	1291.634	-4.19	Head	2R:-:30008686-30008657	exon=> In CDS Exon 3 of transcript AGAP002947-PA
JHU_Ag_85162	AAFENEVAGESK	AGAP002947-PA	-	55	4.46E-05	2	1251.587	1.67	Malpighian tubule	2R:-:30016225-30016190	exon=> In CDS Exon 2 of transcript AGAP002947-PA
JHU_Ag_115636	AAFENEVAGESK	AGAP002947-PA	-	66	3.22E-06	2	1251.587	1.08	Ovary	2R:-:30016225-30016190	exon=> In CDS Exon 2 of transcript AGAP002947-PA
JHU_Ag_64388	LIDHIK	AGAP002947-PA,AGAP011084-PA	-	33	0.001562497	2	738.451	0.38	Ovary	2R:-:30015955-30015938;3L:-:16352949-16352932	exon=> In CDS Exon 2 of transcript AGAP002947-PA;exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_9918	IVFELFPAVAPK	AGAP002952-PB,AGAP002952-PC,AGAP002952-PA	-	61	3.44E-06	2	1330.778	0.84	Ovary	2R:-:30063617-30063582;2R:-:30063617-30063582;2R:-:30063617-30063582	exon=> In CDS Exon 1 of transcript AGAP002952-PB;exon=> In CDS Exon 1 of transcript AGAP002952-PC;exon=> In CDS Exon 1 of transcript AGAP002952-PA
JHU_Ag_66525	IVFELFPAVAPK	AGAP002952-PB,AGAP002952-PC,AGAP002952-PA	-	39	0.000536355	2	1330.776	-1.09	Midgut	2R:-:30063617-30063582;2R:-:30063617-30063582;2R:-:30063617-30063582	exon=> In CDS Exon 1 of transcript AGAP002952-PB;exon=> In CDS Exon 1 of transcript AGAP002952-PC;exon=> In CDS Exon 1 of transcript AGAP002952-PA
JHU_Ag_40770	ALCTGEK	AGAP002952-PB,AGAP002952-PC,AGAP002952-PA,AGAP000462-PA	C3(Carbamidomethyl)	34	0.005182913	2	778.376	-0.72	Head	2R:-:30063563-30063543;2R:-:30063563-30063543;2R:-:30063563-30063543;X:-:8018360-8018340	exon=> In CDS Exon 1 of transcript AGAP002952-PB;exon=> In CDS Exon 1 of transcript AGAP002952-PC;exon=> In CDS Exon 1 of transcript AGAP002952-PA;exon=> In CDS Exon 2 of transcript AGAP000462-PA
JHU_Ag_73345	RAETLLLLK	AGAP002952-PC,AGAP002952-PA	-	19	0.008890237	1	1056.693	14.83	Malpighian tubule	2R:-:30059989-30059963;2R:-:30059989-30059963	exon=> In CDS Exon 7 of transcript AGAP002952-PC;exon=> In CDS Exon 7 of transcript AGAP002952-PA
JHU_Ag_113772	SFFELNQEQSATR	AGAP002952-PC,AGAP002952-PA	-	55	4.31E-05	1	1556.744	6.14	Ovary	2R:-:30061033-30060995;2R:-:30061033-30060995	exon=> In CDS Exon 7 of transcript AGAP002952-PC;exon=> In CDS Exon 7 of transcript AGAP002952-PA
JHU_Ag_16166	EGLASLPAPR	AGAP002954-PA	-	42	0.000262429	2	1010.562	-1.27	Ovary	2R:-:30078243-30078214	exon=> In CDS Exon 2 of transcript AGAP002954-PA
JHU_Ag_23403	FLAAQEDLAIPK	AGAP002954-PA	-	43	0.000723726	2	1315.723	-1.81	Ovary	2R:-:30077421-30077386	exon=> In CDS Exon 2 of transcript AGAP002954-PA
JHU_Ag_31803	LAALQKR	AGAP002954-PA	Q5(Deamidated)	38	0.001573156	1	800.489	-12.76	Salivary gland	2R:-:30079146-30079126	exon=> In CDS Exon 2 of transcript AGAP002954-PA
JHU_Ag_37267	SSLKEGLASLPAPR	AGAP002954-PA	-	44	0.000242266	1	1425.813	5.05	Malpighian tubule	2R:-:30078255-30078214	exon=> In CDS Exon 2 of transcript AGAP002954-PA
JHU_Ag_42761	YEYLLDQAQR	AGAP002954-PA	-	45	0.000408206	2	1298.640	2.11	Ovary	2R:-:30079392-30079363	exon=> In CDS Exon 2 of transcript AGAP002954-PA

JHU_Ag_93741	LVLPEPQISDQELQQVVK	AGAP002954-PA	-	31	0.002182596	1	2063.148	4.77	Malpighian tubule	2R:-:30078816-30078763	exon=> In CDS Exon 2 of transcript AGAP002954-PA
JHU_Ag_786	IHNKPTFSQTCLLQNLYVNPQNSAK	AGAP002956-PA	C11(Carbamidomethyl)	94	3.69E-09	1	2915.484	0.35	Ovary	2R:+:30114886-30114960	exon=> In CDS Exon 2 of transcript AGAP002956-PA
JHU_Ag_37400	WFGGRPVYSELSPVTDFR	AGAP002956-PA	-	39	0.001973612	1	2113.056	2.52	Ovary	2R:+:30115186-30115239	exon=> In CDS Exon 2 of transcript AGAP002956-PA
JHU_Ag_50376	AEYLASIFGTEK	AGAP002956-PA	N-Term(Acetyl)	88	2.11E-08	1	1370.686	1.52	Ovary	2R:+:30114594-30114629	exon=> In CDS Exon 1 of transcript AGAP002956-PA
JHU_Ag_70333	IHNKPTFSQTCLLQNLYVNPQNSAK	AGAP002956-PA	C11(Carbamidomethyl)	53	4.37E-05	1	2915.496	4.18	Head	2R:+:30114886-30114960	exon=> In CDS Exon 2 of transcript AGAP002956-PA
JHU_Ag_99711	AGQDPQLGGALYDQAEER	AGAP002957-PA	-	122	9.98E-12	1	1917.893	-0.17	Midgut	2R:-:30117293-30117433,30117043-30117154	exon=> In CDS Exon 7 and 6 of transcript AGAP002957-PA
JHU_Ag_15321	DAFLDEGVDEQVLQEMK	AGAP002958-PA	M16(Oxidation)	101	8.69E-10	1	1981.910	2.17	Head	2R:-:30123174-30123124	exon=> In CDS Exon 2 of transcript AGAP002958-PA
JHU_Ag_15332	IMEDVASAGLQTPEASVK	AGAP002959-PA	M2(Oxidation)	52	0.000111472	2	1861.928	3.43	Ovary	2R:+:30128423-30128476	exon=> In CDS Exon 4 of transcript AGAP002959-PA
JHU_Ag_17650	LEYEALGEPNK	AGAP002959-PA	-	41	0.001561555	1	1262.628	1.09	Ovary	2R:+:30128642-30128674	exon=> In CDS Exon 4 of transcript AGAP002959-PA
JHU_Ag_25843	GFGYMQLASAEEVPK	AGAP002959-PA	M5(Oxidation)	94	5.38E-09	1	1642.781	1.65	Ovary	2R:+:30129510-30129554	exon=> In CDS Exon 5 of transcript AGAP002959-PA
JHU_Ag_33801	SITTAGLDDPETLAAAWLR	AGAP002959-PA	-	83	7.38E-08	2	2001.029	0.06	Ovary	2R:+:30128907-30128963	exon=> In CDS Exon 5 of transcript AGAP002959-PA
JHU_Ag_35300	GFGYMQLASAEEVPK	AGAP002959-PA	M5(Oxidation)	48	0.000226396	2	1642.783	2.77	Malpighian tubule	2R:+:30129510-30129554	exon=> In CDS Exon 5 of transcript AGAP002959-PA
JHU_Ag_48293	TTRPHQFK	AGAP002959-PA	-	35	0.003020008	1	1014.552	3.9	Ovary	2R:+:30129624-30129647	exon=> In CDS Exon 5 of transcript AGAP002959-PA
JHU_Ag_53269	TWGVLADPQCK	AGAP002959-PA	C10(Carbamidomethyl)	45	0.000432241	2	1274.621	0.73	Ovary	2R:+:30128588-30128620	exon=> In CDS Exon 4 of transcript AGAP002959-PA
JHU_Ag_53854	ANFDLAWNQLGR	AGAP002959-PA	-	86	5.19E-08	2	1404.707	3.48	Malpighian tubule	2R:+:30128552-30128587	exon=> In CDS Exon 4 of transcript AGAP002959-PA
JHU_Ag_81126	VWLEYLTYLR	AGAP002959-PA	-	77	2.37E-07	1	1355.735	-0.5	Ovary	2R:+:30128477-30128506	exon=> In CDS Exon 4 of transcript AGAP002959-PA
JHU_Ag_81427	ALSFDRRPLNGRPVFISNVAR	AGAP002959-PA	-	48	3.76E-05	1	2385.335	3.68	Malpighian tubule	2R:+:30129555-30129617	exon=> In CDS Exon 5 of transcript AGAP002959-PA
JHU_Ag_81619	GLPFNLGQEELRR	AGAP002959-PA	-	41	0.000813509	1	1528.826	1.94	Ovary	2R:+:30129687-30129725	exon=> In CDS Exon 5 of transcript AGAP002959-PA
JHU_Ag_86839	SIFEAYREDTLTK	AGAP002959-PA	-	75	4.53E-07	1	1572.792	1.23	Ovary	2R:+:30127750-30127788	exon=> In CDS Exon 3 of transcript AGAP002959-PA
JHU_Ag_87259	ILQYWGR	AGAP002959-PA	-	40	0.001134702	2	935.510	0.74	Ovary	2R:+:30128621-30128641	exon=> In CDS Exon 4 of transcript AGAP002959-PA
JHU_Ag_90703	GLAYLEYETETSAK	AGAP002959-PA	-	82	9.49E-08	2	1574.760	0.76	Ovary	2R:+:30129792-30129833	exon=> In CDS Exon 5 of transcript AGAP002959-PA
JHU_Ag_104078	IESSLATTDEEVEK	AGAP002959-PA	-	39	0.002352494	2	1550.747	2.57	Head	2R:+:30127549-30127590	exon=> In CDS Exon 3 of transcript AGAP002959-PA
JHU_Ag_109093	DVLTDLDAEK	AGAP002959-PA	-	34	0.006674997	2	1118.559	1.35	Head	2R:+:30127982-30128011	exon=> In CDS Exon 4 of transcript AGAP002959-PA
JHU_Ag_38934	RAPFSSEEVIVIK	AGAP002960-PA	-	43	0.000275268	2	1474.832	3.63	Ovary	2R:-:30131549-30131511	exon=> In CDS Exon 1 of transcript AGAP002960-PA
JHU_Ag_191	TLGMVLNENPDLR	AGAP002961-PA	-	60	1.19E-05	2	1471.759	1.13	Ovary	2R:+:30134713-30134751	exon=> In CDS Exon 2 of transcript AGAP002961-PA
JHU_Ag_24764	APILDGLK	AGAP002961-PA	-	37	0.000626446	1	826.506	3.12	Ovary	2R:+:30134752-30134775	exon=> In CDS Exon 2 of transcript AGAP002961-PA
JHU_Ag_25632	ILPVPLVTNYLSLIVK	AGAP002961-PA	-	37	5.47E-05	1	1782.121	3.67	Ovary	2R:+:30135849-30135890,30135998-30136003	exon=> In CDS Exon 4 and 5 of transcript AGAP002961-PA

JHU_Ag_41763	YDLVLCSTALPK	AGAP002961-PA	C6(Carbamidomethyl)	41	0.000879298	2	1379.728	2.89	Ovary	2R:+:30134005-30134040	exon=> In CDS Exon 2 of transcript AGAP002961-PA
JHU_Ag_49713	FSDTAQTLLALLER	AGAP002961-PA	-	116	2.15E-11	2	1577.863	6.28	Ovary	2R:+:30133309-30133350	exon=> In CDS Exon 2 of transcript AGAP002961-PA
JHU_Ag_91015	FGAQEVIQLVPGNDEETHKR	AGAP002961-PA	-	76	2.90E-07	1	2267.155	5.97	Ovary	2R:+:30136085-30136144	exon=> In CDS Exon 5 of transcript AGAP002961-PA
JHU_Ag_98024	FTGSLSIDSLK	AGAP002961-PA	-	57	1.72E-05	2	1167.627	1.49	Ovary	2R:+:30135726-30135758	exon=> In CDS Exon 4 of transcript AGAP002961-PA
JHU_Ag_102229	LFNIYTTKPNGSYENEVR	AGAP002961-PA	-	45	0.000477966	1	2145.062	0.58	Ovary	2R:+:30134851-30134904	exon=> In CDS Exon 2 of transcript AGAP002961-PA
JHU_Ag_104484	NLIGCISVLLR	AGAP002961-PA	C5(Carbamidomethyl)	68	6.63E-07	2	1257.741	4.83	Ovary	2R:+:30133384-30133416	exon=> In CDS Exon 2 of transcript AGAP002961-PA
JHU_Ag_117109	TNCFQTFHSLFTSK	AGAP002961-PA	C3(Carbamidomethyl)	67	3.21E-06	2	1717.804	2.29	Ovary	2R:+:30133828-30133869	exon=> In CDS Exon 2 of transcript AGAP002961-PA
JHU_Ag_17922	EGGTWLAIGNHPAGQIK	AGAP002962-PA	-	61	1.03E-05	1	1748.914	3.74	Malpighian tubule	2R:-:30138323-30138273	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_25675	TGQALGFGNSTLEKPLQK	AGAP002962-PA	-	133	5.14E-13	1	1889.013	0.23	Male reproductive organs	2R:-:30137996-30137943	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_31526	DALVHELMGLLK	AGAP002962-PA	M8(Oxidation)	32	0.004595864	2	1354.746	4.28	Midgut	2R:-:30137876-30137841	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_34750	TGQALGFGNSTLEKPLQK	AGAP002962-PA	-	102	5.20E-10	1	1889.021	4.11	Malpighian tubule	2R:-:30137996-30137943	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_43946	TGQALGFGNSTLEKPLQK	AGAP002962-PA	-	123	4.44E-12	1	1889.011	-0.99	Midgut	2R:-:30137996-30137943	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_44155	GPIVANFLK	AGAP002962-PA	-	54	2.08E-05	1	958.574	1.71	Malpighian tubule	2R:-:30138215-30138189	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_47074	LVLASNRDEFYARPAK	AGAP002962-PA	-	64	3.77E-06	1	1849.993	0.39	Malpighian tubule	2R:-:30138434-30138387	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_47815	TGQALGFGNSTLEKPLQK	AGAP002962-PA	-	45	0.000339185	1	1889.011	-1.03	Ovary	2R:-:30137996-30137943	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_48923	GPIVANFLKGELTSR	AGAP002962-PA	-	81	3.50E-08	2	1601.908	4.11	Malpighian tubule	2R:-:30138215-30138171	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_49049	EGGTWLAIGNHPAGQIK	AGAP002962-PA	-	57	2.22E-05	1	1748.916	4.65	Male reproductive organs	2R:-:30138323-30138273	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_55337	LAAPWEENAR	AGAP002962-PA	-	60	1.10E-05	1	1156.578	2.76	Malpighian tubule	2R:-:30138386-30138357	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_67775	GPIVANFLK	AGAP002962-PA	-	54	1.95E-05	1	958.573	1.2	Ovary	2R:-:30138215-30138189	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_69215	LGALLNVTGENK	AGAP002962-PA	-	75	2.66E-07	2	1228.694	3.86	Malpighian tubule	2R:-:30138272-30138237	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_78743	AGQHAEFLSSVNVR	AGAP002962-PA	-	92	8.36E-09	1	1514.779	5.37	Malpighian tubule	2R:-:30137728-30137687	exon=> In CDS Exon 2 of transcript AGAP002962-PA
JHU_Ag_89238	LGALLNVTGENK	AGAP002962-PA	-	56	2.67E-05	2	1228.688	-1.41	Midgut	2R:-:30138272-30138237	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_102286	GPIVANFLK	AGAP002962-PA	-	55	1.91E-05	1	958.572	-0.01	Male reproductive organs	2R:-:30138215-30138189	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_105094	LVLASNRDEFYARPAK	AGAP002962-PA	-	59	1.34E-05	1	1849.988	-2.38	Male reproductive organs	2R:-:30138434-30138387	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_116163	LGALLNVTGENK	AGAP002962-PA	-	90	1.04E-08	1	1228.690	0.28	Male reproductive organs	2R:-:30138272-30138237	exon=> In CDS Exon 1 of transcript AGAP002962-PA
JHU_Ag_23360	EQIEEQK	AGAP002967-PA	Q6(Deamidated)	42	0.000822924	1	904.426	-0.02	Head	2R:+:30251459-30251479	exon=> In CDS Exon 2 of transcript AGAP002967-PA
JHU_Ag_57845	FTLLHMVEVLK	AGAP002967-PA	M6(Oxidation)	32	0.005875345	1	1345.751	-2.96	Malpighian tubule	2R:+:30254618-30254650	exon=> In CDS Exon 3 of transcript AGAP002967-PA
JHU_Ag_2239	YDELLDGYKR	AGAP002969-PA	-	32	0.007767322	1	1271.629	1.98	Ovary	2R:-:30258224-30258195	exon=> In CDS Exon 3 of transcript AGAP002969-PA

JHU_Ag_4533	ITIQEDPSWPAAK	AGAP002969-PA	-	46	0.000312328	1	1455.751	1.9	Salivary gland	2R:-:30259449-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_9784	SPWGYMVQELNPGFVAPK	AGAP002969-PA	-	100	1.85E-09	1	2020.011	5.32	Salivary gland	2R:-:30258566-30258513	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_10825	KITIQEDPSWPAAK	AGAP002969-PA	-	57	1.83E-05	2	1583.845	1.59	Ovary	2R:-:30259452-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_12049	KITIQEDPSWPAAK	AGAP002969-PA	-	58	1.57E-05	2	1583.841	-0.95	Midgut	2R:-:30259452-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_14753	SPWGYMVQELNPGFVAPK	AGAP002969-PA	M6(Oxidation)	100	1.84E-09	1	2035.998	1.54	Male reproductive organs	2R:-:30258566-30258513	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_18556	ITIQEDPSWPAAK	AGAP002969-PA	-	93	6.02E-09	1	1455.749	0.73	Midgut	2R:-:30259449-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_20127	MNYADAIVWLK	AGAP002969-PA	M1(Oxidation)	82	8.44E-08	2	1339.675	2.92	Malpighian tubule	2R:-:30258497-30258465	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_20756	ENNVTK	AGAP002969-PA	N2(Deamidated), N3(Deamidated)	40	0.001533113	1	706.325	-0.29	Ovary	2R:-:30258464-30258447	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_22162	GNDETGKGTAEEPFK	AGAP002969-PA	-	49	0.000164311	1	1579.726	1.87	Ovary	2R:-:30259719-30259675	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_22255	LTESVDVLLPNVGEIVGGSMR	AGAP002969-PA	M20(Oxidation)	47	0.000220007	1	2201.159	4.91	Ovary	2R:-:30258296-30258234	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_23213	MENLTLSELYTSEKR	AGAP002969-PA	N-Term(Acetyl), M1(Oxidation)	75	5.60E-07	1	1871.906	0.44	Ovary	2R:-:30259987-30259987,30258878-30259720	exon=> In CDS Exon 2 and 1 of transcript AGAP002969-PA
JHU_Ag_25828	VYGTEPHGGYGLGLER	AGAP002969-PA	-	99	2.66E-09	1	1704.841	3.99	Male reproductive organs	2R:-:30258149-30258102	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_28171	MENLTLSELYTSEKR	AGAP002969-PA	N-Term(Acetyl), M1(Oxidation)	43	0.000761478	2	1871.910	2.2	Salivary gland	2R:-:30259987-30259987,30258878-30259720	exon=> In CDS Exon 2 and 1 of transcript AGAP002969-PA
JHU_Ag_32353	EDGSFYEFGEDIPEAPER	AGAP002969-PA	-	84	2.12E-08	2	2086.888	-0.11	Midgut	2R:-:30258446-30258393	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_32829	TAPGGHELHADYWELIGLAPAGGADAILNEEAHPDVQLDNR	AGAP002969-PA	-	65	2.53E-06	1	4333.115	5.61	Ovary	2R:-:30259173-30259051	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_32854	EGIDPKPYYWYVDQR	AGAP002969-PA	-	48	0.000208073	1	1928.920	1.07	Male reproductive organs	2R:-:30258194-30258150	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_33103	SPWGYMVQELNPGFVAPK	AGAP002969-PA	M6(Oxidation)	93	7.90E-09	1	2036.000	2.38	Ovary	2R:-:30258566-30258513	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_38077	ITHGADNR	AGAP002969-PA	-	33	0.005231186	1	883.440	2.42	Ovary	2R:-:30259401-30259378	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_38855	ITIQEDPSWPAAK	AGAP002969-PA	-	42	0.000764313	2	1455.752	3.07	Malpighian tubule	2R:-:30259449-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_39110	MNYADAIVWLK	AGAP002969-PA	M1(Oxidation)	77	2.64E-07	2	1323.680	2.81	Ovary	2R:-:30258497-30258465	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_39687	EPFPTIYADSK	AGAP002969-PA	-	36	0.003890584	1	1267.625	3.75	Head	2R:-:30259641-30259609	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_43080	GYTEVTPPTLVQTQVEGGATLFK	AGAP002969-PA	-	59	1.20E-05	2	2436.267	0.46	Male reproductive organs	2R:-:30258960-30258892	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_43834	LTESVDVLLPNVGEIVGGSMR	AGAP002969-PA	M20(Oxidation)	74	3.79E-07	1	2201.157	3.92	Malpighian tubule	2R:-:30258296-30258234	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_45041	MENLTLSELYTSEK	AGAP002969-PA	N-Term(Acetyl), M1(Oxidation)	42	0.000972044	2	1715.804	-0.13	Ovary	2R:-:30259987-30259987,30258878-30259723	exon=> In CDS Exon 2 and 1 of transcript AGAP002969-PA
JHU_Ag_47696	EDGSFYEFGEDIPEAPER	AGAP002969-PA	-	81	4.44E-08	1	2086.887	-0.22	Ovary	2R:-:30258446-30258393	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_48738	EGIDPKPYYWYVDQR	AGAP002969-PA	-	47	0.000307824	1	1928.919	0.74	Ovary	2R:-:30258194-30258150	exon=> In CDS Exon 3 of transcript AGAP002969-PA

JHU_Ag_49873	CEDDPRLTESVDVLLPNVGEIVGGSMR	AGAP002969-PA	C1(Carbamidomethyl), M26(Oxidation)	56	3.47E-05	3	2973.446	5.53	Malpighian tubule	2R:-:30258314-30258234	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_49883	SPWGYMVQELNPGFVAPK	AGAP002969-PA	M6(Oxidation)	56	4.38E-05	1	2036.004	4.72	Visceras	2R:-:30258566-30258513	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_49996	SPWGYMVQELNPGFVAPK	AGAP002969-PA	M6(Oxidation)	124	6.32E-12	1	2035.998	1.54	Malpighian tubule	2R:-:30258566-30258513	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_50459	ITIQEDPSWPAAK	AGAP002969-PA	-	38	0.001987329	1	1455.754	4.25	Head	2R:-:30259449-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_50982	GYTEVTPPTLVQTQVEGGATLFK	AGAP002969-PA	-	71	5.85E-07	2	2436.271	2.06	Ovary	2R:-:30258960-30258892	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_52829	GLMFITLR	AGAP002969-PA	M3(Oxidation)	41	0.00037151	2	966.544	0.08	Head	2R:-:30259323-30259300	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_56568	GYTEVTPPTLVQTQVEGGATLFK	AGAP002969-PA	-	78	1.36E-07	1	2436.269	1.16	Head	2R:-:30258960-30258892	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_57473	ITIQEDPSWPAAK	AGAP002969-PA	-	53	6.02E-05	2	1455.751	1.9	Male reproductive organs	2R:-:30259449-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_59496	VYGTEPHGGYGLGLER	AGAP002969-PA	-	38	0.002938133	1	1704.828	-3.36	Midgut	2R:-:30258149-30258102	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_62015	GLMFITLR	AGAP002969-PA	M3(Oxidation)	58	5.63E-06	2	950.551	1.35	Malpighian tubule	2R:-:30259323-30259300	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_64547	EDGSFYEFGEDIPEAPER	AGAP002969-PA	-	53	2.80E-05	2	2086.892	1.88	Male reproductive organs	2R:-:30258446-30258393	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_66228	GYTEVTPPTLVQTQVEGGATLFK	AGAP002969-PA	-	63	4.39E-06	2	2436.274	3.56	Visceras	2R:-:30258960-30258892	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_66464	GLMFITLR	AGAP002969-PA	M3(Oxidation)	59	7.58E-06	2	966.546	2.1	Larva	2R:-:30259323-30259300	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_67967	EDGSFYEFGEDIPEAPER	AGAP002969-PA	-	65	1.90E-06	1	2086.896	4.1	Malpighian tubule	2R:-:30258446-30258393	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_68805	FLCWLLNR	AGAP002969-PA	C3(Carbamidomethyl)	44	0.000604127	2	1121.596	3.34	Ovary	2R:-:30258101-30258078	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_72369	GLMFITLR	AGAP002969-PA	-	44	0.000140379	2	950.552	2.76	Ovary	2R:-:30259323-30259300	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_72724	MNYADAIVWLK	AGAP002969-PA	-	56	3.47E-05	2	1323.681	2.99	Visceras	2R:-:30258497-30258465	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_73242	FLCWLLNR	AGAP002969-PA	C3(Carbamidomethyl)	51	0.000104602	1	1121.588	-4.28	Visceras	2R:-:30258101-30258078	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_74913	YDELLDGYKR	AGAP002969-PA	-	45	0.000383947	1	1271.631	3.13	Malpighian tubule	2R:-:30258224-30258195	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_81432	EDGSFYEFGEDIPEAPER	AGAP002969-PA	-	87	1.08E-08	1	2086.892	2.12	Head	2R:-:30258446-30258393	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_82754	ITIQEDPSWPAAK	AGAP002969-PA	-	46	0.000299647	1	1455.751	2.07	Pupa	2R:-:30259449-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_84324	ENNVTKEDGSFYEFGEDIPEAPER	AGAP002969-PA	-	49	0.000105441	1	2772.230	0.84	Ovary	2R:-:30258464-30258393	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_84428	KITIQEDPSWPAAK	AGAP002969-PA	-	67	2.01E-06	1	1583.849	3.91	Male reproductive organs	2R:-:30259452-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_86992	ITIQEDPSWPAAK	AGAP002969-PA	-	74	5.75E-07	1	1455.750	1.65	Ovary	2R:-:30259449-30259411	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_87267	MENLTLSELYTSEKR	AGAP002969-PA	N-Term(Acetyl), M1(Oxidation)	83	7.03E-08	1	1871.908	1.55	Male reproductive organs	2R:-:30259987-30259987,30258878-30259720	exon=> In CDS Exon 2 and 1 of transcript AGAP002969-PA
JHU_Ag_88774	EDGSFYEFGEDIPEAPER	AGAP002969-PA	-	81	4.84E-08	1	2086.893	2.7	Visceras	2R:-:30258446-30258393	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_88943	GNDETGKGTAEEPFK	AGAP002969-PA	-	41	0.001013457	2	1579.720	-2.15	Male reproductive organs	2R:-:30259719-30259675	exon=> In CDS Exon 2 of transcript AGAP002969-PA

JHU_Ag_89351	SPWGYMVQELNPGFVAPK	AGAP002969-PA	M6(Oxidation)	83	8.22E-08	1	2036.002	3.64	Larva	2R:-:30258566-30258513	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_89999	QGKGLMFITLR	AGAP002969-PA	M6(Oxidation)	50	4.33E-05	2	1279.733	10.96	Midgut	2R:-:30259332-30259300	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_93388	MENLTLSELYTSEKR	AGAP002969-PA	N-Term(Acetyl)	123	7.90E-12	1	1855.917	3.36	Malpighian tubule	2R:-:30259987-30259987,30258878-30259720	exon=> In CDS Exon 2 and 1 of transcript AGAP002969-PA
JHU_Ag_94605	MENLTLSELYTSEK	AGAP002969-PA	N-Term(Acetyl), M1(Oxidation)	76	3.47E-07	1	1715.809	2.5	Malpighian tubule	2R:-:30259987-30259987,30258878-30259723	exon=> In CDS Exon 2 and 1 of transcript AGAP002969-PA
JHU_Ag_97241	GLMFITLR	AGAP002969-PA	M3(Oxidation)	59	6.58E-06	2	966.543	-1.18	Male reproductive organs	2R:-:30259323-30259300	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_98135	FLCWLLNR	AGAP002969-PA	C3(Carbamidomethyl)	40	0.001316588	1	1121.593	0.4	Male reproductive organs	2R:-:30258101-30258078	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_101770	VYGTEPHGGYGLGLER	AGAP002969-PA	-	92	1.30E-08	1	1704.836	1.27	Ovary	2R:-:30258149-30258102	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_102983	MENLTLSELYTSEKR	AGAP002969-PA	N-Term(Acetyl)	71	1.45E-06	1	1855.912	0.73	Ovary	2R:-:30259987-30259987,30258878-30259720	exon=> In CDS Exon 2 and 1 of transcript AGAP002969-PA
JHU_Ag_112306	GLMFITLR	AGAP002969-PA	M3(Oxidation)	38	0.000842164	2	966.546	1.66	Salivary gland	2R:-:30259323-30259300	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_115197	SPWGYMVQELNPGFVAPK	AGAP002969-PA	M6(Oxidation)	80	1.53E-07	1	2035.998	1.84	Midgut	2R:-:30258566-30258513	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_116279	FLCWLLNR	AGAP002969-PA	C3(Carbamidomethyl)	46	0.000386481	1	1121.595	2.25	Malpighian tubule	2R:-:30258101-30258078	exon=> In CDS Exon 3 of transcript AGAP002969-PA
JHU_Ag_117815	TAPGGHELHADYWELIGLAPAGGADAILNEEAHPDVQLDNR	AGAP002969-PA	-	44	0.000400168	1	4333.063	-6.45	Malpighian tubule	2R:-:30259173-30259051	exon=> In CDS Exon 2 of transcript AGAP002969-PA
JHU_Ag_74008	VSNYLAGEAKER	AGAP002970-PA	-	75	4.43E-07	1	1336.689	2.82	Malpighian tubule	2R:+:30262069-30262099,30262165-30262169	exon=> In CDS Exon 2 and 3 of transcript AGAP002970-PA
JHU_Ag_2478	FFLTLLQAVPK	AGAP002970-PA,AGAP002970-PB	-	37	0.000400147	2	1276.770	2.47	Head	2R:+:30264793-30264825;2R:+:30264793-30264825	exon=> In CDS Exon 8 of transcript AGAP002970-PA;exon=> In CDS Exon 3 of transcript AGAP002970-PB
JHU_Ag_109383	FFLTLLQAVPK	AGAP002970-PA,AGAP002970-PB	-	48	3.50E-05	2	1276.766	-0.12	Ovary	2R:+:30264793-30264825;2R:+:30264793-30264825	exon=> In CDS Exon 8 of transcript AGAP002970-PA;exon=> In CDS Exon 3 of transcript AGAP002970-PB
JHU_Ag_90666	AIAGIIR	AGAP002980-PA	-	47	7.20E-05	2	713.468	0.97	Malpighian tubule	2R:-:30512883-30512863	exon=> In CDS Exon 2 of transcript AGAP002980-PA
JHU_Ag_49066	EDVTLEGEFEK	AGAP002981-PA	-	37	0.002206573	2	1295.606	4.75	Ovary	2R:+:30514759-30514791	exon=> In CDS Exon 2 of transcript AGAP002981-PA
JHU_Ag_2535	DGASTATTGSSPLLQPASLTTPPSAK	AGAP002982-PA	-	61	7.90E-06	2	2456.260	3.24	Head	2R:+:30527822-30527899	exon=> In CDS Exon 6 of transcript AGAP002982-PA
JHU_Ag_2931	TGEEDEHVLYAHR	AGAP002982-PA	-	47	0.000221097	2	1555.711	-1.85	Head	2R:+:30526489-30526527	exon=> In CDS Exon 4 of transcript AGAP002982-PA
JHU_Ag_3763	LDQTLLQVAEK	AGAP002982-PA	-	57	2.59E-05	2	1257.705	0.04	Male reproductive organs	2R:+:30520770-30520802	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_6138	KEEQKPSLSGGLFGNLAPPTEAASK	AGAP002982-PA	-	70	7.32E-07	1	2556.341	4.2	Ovary	2R:+:30525402-30525476	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_6514	TGEEDEEQIFTGR	AGAP002982-PA	-	85	2.66E-08	2	1510.665	-0.15	Male reproductive organs	2R:+:30524115-30524153	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_7026	GQLLLYSAALLFK	AGAP002982-PA	-	84	3.88E-09	2	1436.860	5.79	Ovary	2R:+:30520860-30520898	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_7127	NHPLNYVVQSEIK	AGAP002982-PA	-	55	2.93E-05	2	1540.817	3.54	Ovary	2R:+:30522411-30522449	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_8601	TGEEDEEQIFTGR	AGAP002982-PA	-	48	0.000139259	2	1510.668	1.46	Salivary gland	2R:+:30524115-30524153	exon=> In CDS Exon 3 of transcript AGAP002982-PA

JHU_Ag_9007	TGEEDEHVLYAHR	AGAP002982-PA	-	62	6.92E-06	1	1555.712	-1.03	Male reproductive organs	2R:+:30526489-30526527	exon=> In CDS Exon 4 of transcript AGAP002982-PA
JHU_Ag_12291	LDQTLLQVAEK	AGAP002982-PA	-	80	1.39E-07	2	1257.709	2.95	Ovary	2R:+:30520770-30520802	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_16524	LVDHLLEEK	AGAP002982-PA	-	39	0.000768977	2	1095.604	-0.19	Male reproductive organs	2R:+:30520470-30520496	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_21832	LVDHLLEEK	AGAP002982-PA	-	57	9.98E-06	1	1095.608	3	Ovary	2R:+:30520470-30520496	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_27035	NHPLNYVVQSEIKR	AGAP002982-PA	-	48	0.000138665	1	1696.914	0.8	Ovary	2R:+:30522411-30522452	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_27068	TGEEDEEQIFTGR	AGAP002982-PA	-	82	5.87E-08	2	1510.668	1.46	Ovary	2R:+:30524115-30524153	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_28074	DFSCAHETNVVGLK	AGAP002982-PA	C4(Carbamidomethyl)	69	1.65E-06	1	1576.749	4.25	Midgut	2R:+:30524883-30524924	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_30067	FKNEAIASEFR	AGAP002982-PA	-	65	3.43E-06	2	1311.670	0.56	Male reproductive organs	2R:+:30529014-30529046	exon=> In CDS Exon 7 of transcript AGAP002982-PA
JHU_Ag_30475	TGEEDEEQIFTGR	AGAP002982-PA	-	64	3.30E-06	2	1510.671	3.81	Malpighian tubule	2R:+:30524115-30524153	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_35187	FGTAALANEFYAAFVAAR	AGAP002982-PA	-	118	2.75E-11	2	1889.959	2.24	Ovary	2R:+:30524409-30524462	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_35226	VTSPAQNDITITSTSSPVGDLNFSK	AGAP002982-PA	-	54	5.19E-05	1	2579.295	4.59	Ovary	2R:+:30526958-30527032	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_35699	HWNYYLLQALVLDR	AGAP002982-PA	-	51	8.08E-05	2	1803.975	11.39	Ovary	2R:+:30520641-30520682	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_36549	AGVLLWK	AGAP002982-PA	-	44	0.000462776	2	786.487	-0.14	Ovary	2R:+:30522027-30522047	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_38040	AGVLLWK	AGAP002982-PA	-	53	6.09E-05	2	786.488	0.94	Visceras	2R:+:30522027-30522047	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_39335	VWTTADDLVNQIR	AGAP002982-PA	-	45	0.000461031	2	1530.791	-0.22	Male reproductive organs	2R:+:30521184-30521216,30521295-30521300	exon=> In CDS Exon 2 and 3 of transcript AGAP002982-PA
JHU_Ag_48099	INHEAVLNLK	AGAP002982-PA	-	35	0.00195502	2	1150.653	-3.97	Head	2R:+:30520335-30520364	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_51900	DGVAFGEPQYVLPK	AGAP002982-PA	-	62	1.03E-05	1	1519.779	-0.14	Male reproductive organs	2R:+:30521403-30521444	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_52987	SYDCQQELAK	AGAP002982-PA	C4(Carbamidomethyl)	35	0.002281163	2	1241.547	0.36	Ovary	2R:+:30522138-30522167	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_59184	LNEYASAEHWLSCYLSVQEDSAPAHK	AGAP002982-PA	C13(Carbamidomethyl)	90	1.20E-08	1	3005.379	1.97	Ovary	2R:+:30520065-30520142	exon=> In CDS Exon 2 of transcript AGAP002982-PA
JHU_Ag_59295	TASGFGDLFKPK	AGAP002982-PA	-	34	0.003795822	1	1267.669	0.27	Male reproductive organs	2R:+:30525273-30525308	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_63039	ADSAQCVACNGPR	AGAP002982-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	36	0.001225216	2	1405.595	0.17	Male reproductive organs	2R:+:30525351-30525389	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_65687	DAITDALSGK	AGAP002982-PA	-	44	0.000708648	2	990.511	0.4	Head	2R:+:30526880-30526909	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_68098	VWTTADDLVNQIR	AGAP002982-PA	-	104	6.21E-10	1	1530.792	0.82	Ovary	2R:+:30521184-30521216,30521295-30521300	exon=> In CDS Exon 2 and 3 of transcript AGAP002982-PA
JHU_Ag_68566	ILHHPVR	AGAP002982-PA	-	46	0.000206292	1	871.534	8.89	Ovary	2R:+:30528822-30528842	exon=> In CDS Exon 7 of transcript AGAP002982-PA
JHU_Ag_69650	ATFGFVFKPK	AGAP002982-PA	-	62	5.28E-06	2	1141.641	0.15	Male reproductive organs	2R:+:30526251-30526280	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_73052	DAITDALSGK	AGAP002982-PA	-	45	0.000529484	2	990.514	3.6	Ovary	2R:+:30526880-30526909	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_77100	DGVAFGEPQYVLPK	AGAP002982-PA	-	42	0.00095935	2	1519.787	5.32	Head	2R:+:30521403-30521444	exon=> In CDS Exon 3 of transcript AGAP002982-PA

JHU_Ag_82059	ALYTSGDLSSK	AGAP002982-PA	-	39	0.001411 84	2	1141.577	2.74	Malpighian tubule	2R:+:30521343-30521375	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_84606	GTDAPLCDVMVLLK	AGAP002982-PA	C7(Carbamidomethyl)	74	6.42E-07	1	1531.788	1.34	Ovary	2R:+:30521889-30521930	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_86473	AGVLLWK	AGAP002982-PA	-	39	0.001411 379	2	786.489	2.19	Malpighian tubule	2R:+:30522027-30522047	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_86500	NHPLNYVVQSEIK	AGAP002982-PA	-	87	2.28E-08	1	1540.805	-4.31	Head	2R:+:30522411-30522449	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_89517	NVSGSAEYDPRPDFQPIIPLPDEIVVR	AGAP002982-PA	-	102	6.84E-10	1	3023.554	2.03	Head	2R:+:30524034-30524114	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_98755	APASSTTTGSFLSAEQK	AGAP002982-PA	-	42	0.001004 149	2	1682.825	0.9	Male reproductive organs	2R:+:30527417-30527467	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_100386	TGEEDEEQIFTGR	AGAP002982-PA	-	84	3.05E-08	2	1510.665	-0.23	Midgut	2R:+:30524115-30524153	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_102771	DGVAFGEPQYVLPK	AGAP002982-PA	-	61	1.30E-05	1	1519.785	3.63	Ovary	2R:+:30521403-30521444	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_105125	APASSTTTGSFLSAEQK	AGAP002982-PA	-	36	0.004149 682	2	1682.827	2.13	Ovary	2R:+:30527417-30527467	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_105702	QLAVVEADDAPLPIDIR	AGAP002982-PA	-	87	1.13E-08	2	1834.999	4.59	Ovary	2R:+:30527177-30527227	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_107062	NHPLNYVVQSEIK	AGAP002982-PA	-	60	9.47E-06	1	1540.816	2.98	Malpighian tubule	2R:+:30522411-30522449	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_107341	SVKPLPAAVANSSPK	AGAP002982-PA	-	27	0.006479 089	1	1465.843	4.13	Malpighian tubule	2R:+:30527228-30527272	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_108407	LSAPVEAKDDGAPSTK	AGAP002982-PA	-	32	0.008056 926	1	1585.802	-3.05	Ovary	2R:+:30526910-30526957	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_110731	YLELPYVER	AGAP002982-PA	-	35	0.004058 13	2	1181.620	-0.38	Ovary	2R:+:30522384-30522410	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_111155	TASGFGDLFKPK	AGAP002982-PA	-	60	1.17E-05	2	1267.669	0.54	Ovary	2R:+:30525273-30525308	exon=> In CDS Exon 3 of transcript AGAP002982-PA
JHU_Ag_114237	LSAPVEAKDDGAPSTK	AGAP002982-PA	-	35	0.003916 355	1	1585.815	5.41	Malpighian tubule	2R:+:30526910-30526957	exon=> In CDS Exon 5 of transcript AGAP002982-PA
JHU_Ag_116116	AFAWGAMNHAESPGQLEQLAVR	AGAP002982-PA	M7(Oxidation)	56	4.23E-05	1	2399.154	-1.07	Ovary	2R:+:30528948-30529013	exon=> In CDS Exon 7 of transcript AGAP002982-PA
JHU_Ag_26117	EVLQALEFLHSNQVIHR	AGAP002986-PB,AGAP002986-PA	-	60	5.38E-06	1	2033.107	6.99	Ovary	2R:-:30568491-30568441;2R:-:30568491-30568441	exon=> In CDS Exon 6 of transcript AGAP002986-PB;exon=> In CDS Exon 6 of transcript AGAP002986-PA
JHU_Ag_107369	ALYLIATHGKPEIK	AGAP002986-PB,AGAP002986-PA	-	43	0.000131 643	1	1553.908	2.06	Head	2R:-:30568113-30568072;2R:-:30568113-30568072	exon=> In CDS Exon 7 of transcript AGAP002986-PB;exon=> In CDS Exon 7 of transcript AGAP002986-PA
JHU_Ag_65159	AQSVNNGQSFICQHGPAECEGNR	AGAP002989-PA	C12(Carbamidomethyl), C19(Carbamidomethyl)	65	2.62E-06	1	2560.120	5.83	Head	2R:-:30633089-30633215,30632153-30632252	exon=> In CDS Exon 3 and 2 of transcript AGAP002989-PA
JHU_Ag_82972	EIGLDKPLIFSSETPLR	AGAP002992-PA	-	61	5.15E-06	1	1915.053	-0.4	Ovary	2R:+:30640795-30640845	exon=> In CDS Exon 3 of transcript AGAP002992-PA
JHU_Ag_5262	AHLIK	AGAP002993-PA	-	25	0.005438 56	1	581.379	3	Ovary	2R:-:30668977-30668963	exon=> In CDS Exon 1 of transcript AGAP002993-PA
JHU_Ag_43401	AHLIK	AGAP002993-PA	-	31	0.001420 64	1	581.377	-0.57	Head	2R:-:30668977-30668963	exon=> In CDS Exon 1 of transcript AGAP002993-PA
JHU_Ag_2235	QPTVGHLVSGQHRPALLTTPQQTSTVLLR	AGAP002994-PA	-	93	1.00E-09	1	3135.736	-0.95	Visceras	2R:-:30716720-30716634	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_3012	SQQEVR	AGAP002994-PA	-	39	0.001512 32	2	746.380	0.44	Head	2R:-:30716912-30716895	exon=> In CDS Exon 2 of transcript AGAP002994-PA

JHU_Ag_5667	DELSGDIK	AGAP002994-PA	-	56	5.23E-05	1	876.430	-1.23	Head	2R:-:30716936-30716913	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_10617	NYNDLYNEQR	AGAP002994-PA	-	61	6.91E-06	2	1328.591	3.59	Malpighian tubule	2R:-:30717077-30717048	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_10837	QPTVGHLVSGQHRPALLTTPQQTSTVLLRN	AGAP002994-PA	-	66	6.62E-07	1	3249.772	-2.97	Head	2R:-:30716720-30716631	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_15695	NYNDLYNEQR	AGAP002994-PA	N3(Deamidated), N7(Deamidated),Q9(Deamidated),N7(Deamidated),N3(Deamidated),N1(Deamidated),"N1(Deamidated), N3(Deamidated)"	76	1.78E-07	1	1328.585	-0.92	Head	2R:-:30717077-30717048	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_17921	IVDYTADDVRGFNAVVR	AGAP002994-PA	-	76	3.20E-07	1	1909.973	-2.18	Head	2R:-:30716837-30716787	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_27450	IVDYTADDVR	AGAP002994-PA	-	79	1.70E-07	1	1166.569	0.15	Head	2R:-:30716837-30716808	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_31351	TQDQEQQQQQQHQDR	AGAP002994-PA	-	71	5.96E-07	1	1924.853	1.79	Visceras	2R:-:30717035-30716991	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_32639	HQPSVGTR	AGAP002994-PA	-	44	0.000355665	2	881.459	0.03	Visceras	2R:-:30716786-30716763	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_33302	GFNAVVR	AGAP002994-PA	N3(Deamidated)	51	9.86E-05	2	762.424	-2.45	Head	2R:-:30716807-30716787	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_35849	ESSDYDR	AGAP002994-PA	-	29	0.001472954	2	871.342	-1.14	Head	2R:-:30716987-30716967	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_41992	DDYSYGYAVR	AGAP002994-PA	-	87	1.35E-08	2	1208.523	0.84	Head	2R:-:30716966-30716937	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_43980	ESSDYDRDDYSYGYAVR	AGAP002994-PA	-	127	5.98E-13	1	2060.849	1.24	Head	2R:-:30716987-30716937	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_59991	TQDQEQQQQQQHQDR	AGAP002994-PA	Q4(Deamidated),Q7(Deamidated),"Q2(Deamidated), Q13(Deamidated)",Q11(Deamidated),Q6(Deamidated),Q8(Deamidated),Q9(Deamidated),"Q7(Deamidated), Q8(Deamidated), Q9(Deamidated)","Q8(Deamidated), Q9(Deamidated)","Q11(Deamidated), Q13(Deamidated)","Q7(Deamidated), Q8(Deamidated)",Q2(Deamidated),"Q9(Deamidated), Q10(Deamidated)",Q10(Deamidated),Q13(Deamidated),"Q9(Deamidated), Q10(Deamidated), Q11(Deamidated)","Q10(Deamidated), Q11(Deamidated)"	116	1.75E-11	1	1924.847	-1.13	Head	2R:-:30717035-30716991	exon=> In CDS Exon 2 of transcript AGAP002994-PA

JHU_Ag_60369	GFNAVVR	AGAP002994-PA	-	48	0.000185628	1	762.426	0.27	Visceras	2R:-:30716807-30716787	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_64782	ESSDYDRDDYSYGYAVR	AGAP002994-PA	-	112	1.88E-11	1	2060.846	-0.42	Visceras	2R:-:30716987-30716937	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_65837	QPTVGHLVSGQHRPALLTTPQQTSTVLLR	AGAP002994-PA	Q11(Deamidated),Q1(Deamidated)	124	8.58E-13	1	3135.732	-2	Head	2R:-:30716720-30716634	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_78446	HQPSVGTR	AGAP002994-PA	-	57	1.81E-05	2	881.458	-0.73	Head	2R:-:30716786-30716763	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_82411	AQLVHTLQPAVLLR	AGAP002994-PA	Q8(Deamidated),Q2(Deamidated)	113	1.99E-12	1	1558.947	2.48	Head	2R:-:30716762-30716721	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_84310	NYNDLYNEQR	AGAP002994-PA	-	70	9.25E-07	1	1328.589	1.84	Visceras	2R:-:30717077-30717048	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_85945	TQDQEQQQQQQHQDRR	AGAP002994-PA	Q9(Deamidated),Q10(Deamidated),"Q6(Deamidated),Q7(Deamidated),Q8(Deamidated)",Q11(Deamidated),Q6(Deamidated),Q8(Deamidated),Q9(Deamidated),"Q6(Deamidated),Q7(Deamidated)","Q2(Deamidated),Q13(Deamidated)","Q8(Deamidated),Q9(Deamidated)","Q11(Deamidated),Q13(Deamidated)","Q7(Deamidated),Q8(Deamidated)",Q2(Deamidated),"Q9(Deamidated),Q10(Deamidated)",Q10(Deamidated),Q13(Deamidated),"Q7(Deamidated),Q8(Deamidated),Q9(Deamidated)","Q10(Deamidated),Q11(Deamidated)"	96	2.71E-09	1	2080.948	-0.96	Head	2R:-:30717035-30716988	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_92500	AQLVHTLQPAVLLR	AGAP002994-PA	-	78	1.13E-08	1	1558.943	0.21	Visceras	2R:-:30716762-30716721	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_97689	SYDDGAR	AGAP002994-PA	-	34	0.001097318	2	783.327	0.19	Head	2R:-:30717107-30717087	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_99296	NYNDLYNEQR	AGAP002994-PA	-	36	0.001653055	2	1328.585	-1.56	Midgut	2R:-:30717077-30717048	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_100972	AQLVHTLQPAVLLR	AGAP002994-PA	-	56	1.13E-06	1	1558.948	3.21	Malpighian tubule	2R:-:30716762-30716721	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_102784	TQDQEQQQQQQHQDRR	AGAP002994-PA	-	76	2.89E-07	1	2080.955	2.09	Visceras	2R:-:30717035-30716988	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_103568	IVDYTADDVR	AGAP002994-PA	-	59	1.69E-05	2	1166.565	-2.88	Midgut	2R:-:30716837-30716808	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_105478	ESSDYDRDDYSYGYAVR	AGAP002994-PA	-	46	5.87E-05	1	2060.838	-4.43	Midgut	2R:-:30716987-30716937	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_110930	TLESDGTER	AGAP002994-PA	-	62	5.64E-06	1	1007.463	-1.52	Head	2R:-:30716864-30716838	exon=> In CDS Exon 2 of transcript AGAP002994-PA

JHU_Ag_112787	IVDYTADDVR	AGAP002994-PA	-	70	1.40E-06	2	1166.569	0.36	Visceras	2R:-:30716837-30716808	exon=> In CDS Exon 2 of transcript AGAP002994-PA
JHU_Ag_9120	DLVEFGMIPEFVGR	AGAP002996-PD	M7(Oxidation)	53	7.27E-05	2	1624.811	4.25	Head	2R:+:30751745-30751771,30751848-30751862	exon=> In CDS Exon 4 and 5 of transcript AGAP002996-PD
JHU_Ag_11300	ITEESVRGAEPVYVR	AGAP002996-PD	-	65	4.25E-06	1	1704.900	5.04	Malpighian tubule	2R:+:30752217-30752261	exon=> In CDS Exon 6 of transcript AGAP002996-PD
JHU_Ag_17310	AQTGIVFLDEVDKIGAVPGIHQLR	AGAP002996-PD	-	63	1.22E-06	1	2576.426	2.44	Visceras	2R:+:30751264-30751335	exon=> In CDS Exon 3 of transcript AGAP002996-PD
JHU_Ag_22442	IYHNLPPPASSASSAQQQQQQLDSMSR	AGAP002996-PD	M25(Oxidation)	86	3.74E-08	1	2985.410	-0.57	Malpighian tubule	2R:+:30750701-30750781	exon=> In CDS Exon 2 of transcript AGAP002996-PD
JHU_Ag_66275	AQTGIVFLDEVDKIGAVPGIHQLR	AGAP002996-PD	-	31	0.001945241	1	2576.435	5.79	Head	2R:+:30751264-30751335	exon=> In CDS Exon 3 of transcript AGAP002996-PD
JHU_Ag_70172	DSTGSGEAGHSGSNSTEEEEATK	AGAP002996-PD	-	26	0.0071585	1	2266.926	3.51	Head	2R:+:30752289-30752357	exon=> In CDS Exon 6 of transcript AGAP002996-PD
JHU_Ag_76428	IGAVPGIHQLR	AGAP002996-PD	-	40	0.000266169	1	1160.691	1.16	Head	2R:+:30751303-30751335	exon=> In CDS Exon 3 of transcript AGAP002996-PD
JHU_Ag_86209	FPVLVPFHSLDVDMLVR	AGAP002996-PD	M14(Oxidation)	49	0.000107503	1	2000.072	2.25	Visceras	2R:+:30751863-30751913	exon=> In CDS Exon 5 of transcript AGAP002996-PD
JHU_Ag_88989	IYHNLPPPASSASSAQQQQQQLDSMSR	AGAP002996-PD	M25(Oxidation)	58	2.32E-05	1	2985.425	4.33	Head	2R:+:30750701-30750781	exon=> In CDS Exon 2 of transcript AGAP002996-PD
JHU_Ag_112041	QTGARGLR	AGAP002996-PD	-	40	0.001718337	2	858.482	-9.75	Malpighian tubule	2R:+:30752037-30752060	exon=> In CDS Exon 5 of transcript AGAP002996-PD
JHU_Ag_89804	IVVDLNK	AGAP002997-PB,AGAP002997-PC	N6(Deamidated)	33	0.007812597	2	801.465	-8.71	Head	2R:-:30755822-30755802;2R:-:30755822-30755802	exon=> In CDS Exon 2 of transcript AGAP002997-PB;exon=> In CDS Exon 3 of transcript AGAP002997-PC
JHU_Ag_84163	ENQKQEQLLLSVLPR	AGAP002998-PA	Q5(Deamidated)	32	0.004200527	1	1795.982	-4.93	Ovary	2R:+:30859122-30859166	exon=> In CDS Exon 6 of transcript AGAP002998-PA
JHU_Ag_86868	AGLTQLLPETVPFDR	AGAP003001-PA	-	48	0.000150314	2	1656.898	1.43	Ovary	2R:-:30973401-30973357	exon=> In CDS Exon 1 of transcript AGAP003001-PA
JHU_Ag_91424	VAVEPK	AGAP003001-PA,AGAP009441-PA	-	37	0.000538078	1	642.383	1.61	Malpighian tubule	2R:-:30973881-30973864;3R:-:33498607-33498590	exon=> In CDS Exon 1 of transcript AGAP003001-PA;exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_95643	VAVEPK	AGAP003001-PA,AGAP009441-PA	-	37	0.000515045	1	642.382	-0.19	Salivary gland	2R:-:30973881-30973864;3R:-:33498607-33498590	exon=> In CDS Exon 1 of transcript AGAP003001-PA;exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_3463	EIATLQKEEER	AGAP003002-PA	-	75	5.06E-07	1	1345.695	-0.55	Ovary	2R:-:30971398-30971366	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_16917	GDLFEDDKLLSTQR	AGAP003002-PA	-	98	2.95E-09	1	1636.819	0.98	Ovary	2R:-:30971107-30971066	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_20504	VGGDSEGGFEIVSSEK	AGAP003002-PA	-	111	9.38E-11	1	1596.742	2.04	Ovary	2R:-:30970567-30970520	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_23180	ESAEIFVVCQYYK	AGAP003002-PA	C9(Carbamidomethyl)	68	2.43E-06	2	1635.773	0.31	Ovary	2R:-:30971944-30971906	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_27696	LSEEELALGQMIISGK	AGAP003002-PA	-	46	0.000317356	2	1717.906	1.1	Ovary	2R:-:30970495-30970448	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_30792	VDVVLNDGAPNVGK	AGAP003002-PA	-	65	3.97E-06	2	1396.744	0.65	Ovary	2R:-:30972178-30972137	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_30890	GDAGPTEQGEDMVFSLK	AGAP003002-PA	-	36	0.003163631	1	1780.804	-0.8	Ovary	2R:-:30971284-30971234	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_33445	DVTYVVAK	AGAP003002-PA	-	36	0.002051907	1	894.494	0.84	Ovary	2R:-:30970033-30970010	exon=> In CDS Exon 2 of transcript AGAP003002-PA

JHU_Ag_42679	IITALEYMQSDKPLALLSR	AGAP003002-PA	M8(Oxidation)	40	0.000304708	1	2178.199	6.91	Malpighian tubule	2R:-:30971740-30971684	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_47938	LATQFLRPGGWFITK	AGAP003002-PA	-	45	0.000117815	1	1734.978	5.43	Midgut	2R:-:30972082-30972038	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_52795	LATQFLRPGGWFITK	AGAP003002-PA	-	67	7.57E-07	1	1734.970	0.62	Ovary	2R:-:30972082-30972038	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_53284	VGGDSEGGFEIVSSEK	AGAP003002-PA	-	111	9.34E-11	1	1596.748	6.01	Malpighian tubule	2R:-:30970567-30970520	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_57240	YVFEELDIQSK	AGAP003002-PA	-	66	2.77E-06	2	1370.685	0.99	Ovary	2R:-:30971866-30971834	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_69178	HNLQPNDEEVVDYDLDK	AGAP003002-PA	-	64	4.43E-06	1	2042.937	3.52	Ovary	2R:-:30970846-30970796	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_83872	VEGYDSTDVRK	AGAP003002-PA	-	51	0.000107 61	1	1268.613	0.84	Ovary	2R:-:30971773-30971741	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_99509	AQLWYEQEAFKK	AGAP003002-PA	-	58	2.48E-05	1	1540.780	0.53	Ovary	2R:-:30970882-30970847	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_107208	IITALEYMQSDKPLALLSR	AGAP003002-PA	M8(Oxidation)	98	5.69E-10	1	2162.189	-0.19	Ovary	2R:-:30971740-30971684	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_108034	VDVVLNDGAPNVGK	AGAP003002-PA	-	90	1.31E-08	1	1396.742	-0.57	Midgut	2R:-:30972178-30972137	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_108451	NWLHDAYQQVCLTLSAVK	AGAP003002-PA	C11(Carbamidomethyl)	118	2.20E-11	1	2146.084	4.07	Ovary	2R:-:30972136-30972083	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_116897	SKDYNALIWVLK	AGAP003002-PA	-	84	2.51E-08	1	1449.810	-0.15	Ovary	2R:-:30972028-30971993	exon=> In CDS Exon 1 of transcript AGAP003002-PA
JHU_Ag_2479	LSSVVTQHDAK	AGAP003003-PA	-	50	8.23E-05	1	1184.625	-1.36	Pupa	2R:-:30977282-30977250	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_3885	APWSLLK	AGAP003003-PA	-	41	0.000901 947	2	814.482	-0.71	Pupa	2R:-:30977435-30977415	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_17153	ASTLTPEEKEHLITR	AGAP003003-PA	N-Term(Acetyl)	97	2.54E-09	1	1766.928	-0.21	Ovary	2R:-:30977790-30977746	exon=> In CDS Exon 1 of transcript AGAP003003-PA
JHU_Ag_19925	EGEAFTVHR	AGAP003003-PA	-	41	0.000721 107	2	1045.505	-0.73	Ovary	2R:-:30976868-30976842	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_23624	MSSSEEDSKIDLLDSAAK	AGAP003003-PA	M1(Oxidation)	85	4.22E-08	1	1941.898	1.04	Ovary	2R:-:30977021-30976968	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_24069	NLQEVLGQDNLR	AGAP003003-PA	-	90	1.27E-08	1	1398.736	1.35	Pupa	2R:-:30977745-30977710	exon=> In CDS Exon 1 of transcript AGAP003003-PA
JHU_Ag_27698	LSSVVTQHDAK	AGAP003003-PA	-	47	0.000169 919	1	1184.629	1.73	Head	2R:-:30977282-30977250	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_28825	IIVEGFDNTGNPVPALNPK	AGAP003003-PA	-	64	3.56E-06	1	1995.061	3.03	Salivary gland	2R:-:30976250-30976194	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_33430	AFCEPGNIEDNGLLK	AGAP003003-PA	C3(Carbamidomethyl)	87	3.35E-08	1	1676.798	2.06	Ovary	2R:-:30976946-30976902	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_36126	AQPAAAGAGTNATAAVGENTPDKLELK	AGAP003003-PA	-	74	3.99E-07	1	2566.319	3.19	Male reproductive organs	2R:-:30976607-30976527	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_43948	QVEHPLMSGILYPGLQALDEEYLK	AGAP003003-PA	M7(Oxidation)	43	0.000595 644	1	2759.408	4.29	Ovary	2R:-:30977225-30977154	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_44036	SFDTDYYR	AGAP003003-PA	-	37	0.000845 405	2	1066.447	-0.76	Pupa	2R:-:30976700-30976677	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_44263	FVCGTDYQLSK	AGAP003003-PA	C3(Carbamidomethyl)	45	0.000390 295	2	1317.615	0.76	Salivary gland	2R:-:30977339-30977307	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_47659	IIVEGFDNTGNPVPALNPK	AGAP003003-PA	-	127	1.94E-12	1	1995.056	0.89	Ovary	2R:-:30976250-30976194	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_51787	NLQEVLGQDNLR	AGAP003003-PA	-	68	1.73E-06	1	1398.735	0.83	Ovary	2R:-:30977745-30977710	exon=> In CDS Exon 1 of transcript AGAP003003-PA
JHU_Ag_55423	AQPAAAGAGTNATAAVGENTPDKLELK	AGAP003003-PA	-	59	1.34E-05	1	2566.310	-0.16	Salivary gland	2R:-:30976607-30976527	exon=> In CDS Exon 2 of transcript AGAP003003-PA

JHU_Ag_61616	FVCGTDYQLSK	AGAP003003-PA	C3(Carbamidomethyl)	50	0.000104079	1	1317.617	1.68	Ovary	2R:-:30977339-30977307	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_61992	SFDTDYYRELTER	AGAP003003-PA	-	42	0.000773589	1	1694.771	3.01	Ovary	2R:-:30976700-30976662	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_62351	LLEPIRK	AGAP003003-PA	-	29	0.001626227	1	868.563	2.04	Ovary	2R:-:30976721-30976701	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_62944	FVVVLTNMK	AGAP003003-PA	M8(Oxidation)	48	9.39E-05	2	1066.601	4.02	Ovary	2R:-:30976385-30976359	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_67106	HPDADSLCVLTVDIGGGER	AGAP003003-PA	C8(Carbamidomethyl)	46	0.000380052	1	2010.955	0.1	Head	2R:-:30976499-30976443	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_71548	GVESEGLVLYAAGAEK	AGAP003003-PA	-	67	2.75E-06	2	1592.816	-0.16	Midgut	2R:-:30976343-30976296	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_86120	AAVEVYINR	AGAP003003-PA	-	62	7.65E-06	2	1034.562	-1.34	Pupa	2R:-:30976748-30976722	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_95324	IIVEGFDNTGNPVPALNPK	AGAP003003-PA	-	84	3.61E-08	2	1995.055	0.28	Midgut	2R:-:30976250-30976194	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_104371	APWSLLK	AGAP003003-PA	-	43	0.000673258	2	814.483	0.57	Salivary gland	2R:-:30977435-30977415	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_104775	VDAQFGGVDQR	AGAP003003-PA	-	68	2.40E-06	2	1191.574	-1.21	Salivary gland	2R:-:30977153-30977121	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_106786	AQPAAAGAGTNATAAVGENTPDK	AGAP003003-PA	-	134	6.29E-13	1	2083.009	1.99	Head	2R:-:30976607-30976539	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_109906	LSSVVTQHDAKK	AGAP003003-PA	-	56	2.28E-05	1	1312.723	1.01	Ovary	2R:-:30977282-30977247	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_111460	ASTLTPEEKEHLITR	AGAP003003-PA	N-Term(Acetyl)	48	0.000201318	1	1766.927	-0.52	Male reproductive organs	2R:-:30977790-30977746	exon=> In CDS Exon 1 of transcript AGAP003003-PA
JHU_Ag_117330	AQPAAAGAGTNATAAVGENTPDKLELK	AGAP003003-PA	-	75	3.44E-07	1	2566.315	1.62	Ovary	2R:-:30976607-30976527	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_117577	AAVEVYINR	AGAP003003-PA	-	50	0.00012045	2	1034.564	1.13	Salivary gland	2R:-:30976748-30976722	exon=> In CDS Exon 2 of transcript AGAP003003-PA
JHU_Ag_6559	GFGFLEFAK	AGAP003004-PA	-	52	8.13E-05	1	1015.527	2.19	Ovary	2R:+:30979725-30979751	exon=> In CDS Exon 3 of transcript AGAP003004-PA
JHU_Ag_17575	QLAELK	AGAP003006-PA,AGAP003007-PA	Q1(Deamidated)	43	0.001001404	1	702.406	3.9	Head	2R:-:31010801-31010784;2R:-:31038291-31038274	exon=> In CDS Exon 3 of transcript AGAP003006-PA;exon=> In CDS Exon 3 of transcript AGAP003007-PA
JHU_Ag_25330	VRDDPELLTK	AGAP003006-PA,AGAP003007-PA	-	53	5.84E-05	1	1185.646	-1.28	Ovary	2R:-:31010617-31010588;2R:-:31038107-31038078	exon=> In CDS Exon 4 of transcript AGAP003006-PA;exon=> In CDS Exon 4 of transcript AGAP003007-PA
JHU_Ag_28529	KDEDEDDSEYLLDSVEKPK	AGAP003006-PA,AGAP003007-PA	-	112	6.89E-11	1	2254.015	-4.05	Ovary	2R:-:31011425-31011524,31010937-31011274;2R:-:31038914-31039013,31038426-31038763	exon=> In CDS Exon 2 and 1 of transcript AGAP003006-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003007-PA
JHU_Ag_64226	QLAELKESGDIEK	AGAP003006-PA,AGAP003007-PA	-	39	0.002194222	1	1459.750	-9.6	Visceras	2R:-:31010801-31010763;2R:-:31038291-31038253	exon=> In CDS Exon 3 of transcript AGAP003006-PA;exon=> In CDS Exon 3 of transcript AGAP003007-PA
JHU_Ag_75968	LIEHKPLVVK	AGAP003006-PA,AGAP003007-PA	-	43	2.04E-05	1	1175.750	-1.31	Ovary	2R:-:31011057-31011028;2R:-:31038546-31038517	exon=> In CDS Exon 2 of transcript AGAP003006-PA;exon=> In CDS Exon 2 of transcript AGAP003007-PA

JHU_Ag_82132	AGPIFNAEGK	AGAP003006-PA,AGAP003007-PA	-	53	0.000119919	1	1003.519	-1.56	Ovary	2R:-:31011015-31010986;2R:-:31038504-31038475	exon=> In CDS Exon 2 of transcript AGAP003006-PA;exon=> In CDS Exon 2 of transcript AGAP003007-PA
JHU_Ag_102	ILSTIDRELLKPSASVALHK	AGAP003008-PA	-	84	2.32E-09	1	2191.288	3.17	Malpighian tubule	2R:+:31041206-31041265	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_162	VVGSEFVQK	AGAP003008-PA	-	46	0.000326087	2	992.540	-1.34	Ovary	2R:+:31041639-31041665	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_7006	KDETEHEFYK	AGAP003008-PA	-	53	4.88E-05	1	1325.590	-7.99	Head	2R:+:31042176-31042205	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_7704	AVAHHTTAAFIR	AGAP003008-PA	-	64	4.13E-06	1	1294.701	-0.18	Malpighian tubule	2R:+:31041515-31041549,31041638-31041638	exon=> In CDS Exon 3 and 4 of transcript AGAP003008-PA
JHU_Ag_12381	EYLHAQEEVKR	AGAP003008-PA	-	73	8.01E-07	1	1401.716	2.74	Ovary	2R:+:31041074-31041106	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_15117	IQSVPLVIGQFLEAVDQNTGIVGSTTGSNYYVR	AGAP003008-PA	-	192	4.00E-19	1	3525.827	1.24	Ovary	2R:+:31041107-31041205	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_22653	EYLHAQEEVKR	AGAP003008-PA	-	78	2.53E-07	1	1401.717	3.78	Larva	2R:+:31041074-31041106	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_23629	AVAHHTTAAFIR	AGAP003008-PA	-	59	1.20E-05	1	1294.701	-0.39	Male reproductive organs	2R:+:31041515-31041549,31041638-31041638	exon=> In CDS Exon 3 and 4 of transcript AGAP003008-PA
JHU_Ag_28334	EYLHAQEEVKR	AGAP003008-PA	-	76	4.79E-07	1	1401.715	1.69	Male reproductive organs	2R:+:31041074-31041106	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_29826	EAVELPLTHFELYK	AGAP003008-PA	-	54	5.49E-05	1	1688.893	2.02	Head	2R:+:31041398-31041439	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_29928	DVVNPLEEPLEEDLYIK	AGAP003008-PA	-	135	4.33E-13	1	2015.024	1.15	Ovary	2R:+:31040852-31040902	exon=> In CDS Exon 2 of transcript AGAP003008-PA
JHU_Ag_31648	EYLHAQEEVKR	AGAP003008-PA	-	47	0.000326503	1	1401.713	0.47	Malpighian tubule	2R:+:31041074-31041106	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_34277	YIVLAK	AGAP003008-PA	-	35	0.000537631	2	706.451	1.56	Ovary	2R:+:31042125-31042142	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_35349	MIDAEMVIPDKDESDTR	AGAP003008-PA	N-Term(Acetyl), M1(Oxidation), M6(Oxidation)	63	4.47E-06	1	2038.895	0.34	Male reproductive organs	2R:+:31012044-31012076,31040825-31040842	exon=> In CDS Exon 1 and 2 of transcript AGAP003008-PA
JHU_Ag_35783	ISGADINAICQEAGMHAVR	AGAP003008-PA	C10(Carbamidomethyl), M15(Oxidation)	74	6.80E-07	1	2028.962	1.44	Ovary	2R:+:31042059-31042115	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_37257	RFDAQTGADR	AGAP003008-PA	-	38	0.001990741	2	1136.538	-5.81	Head	2R:+:31041771-31041800	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_39615	ILSTIDRELLKPSASVALHK	AGAP003008-PA	-	31	0.000465493	1	2191.280	-0.37	Male reproductive organs	2R:+:31041206-31041265	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_40912	LIFSTITAK	AGAP003008-PA	-	55	8.00E-06	1	993.597	-1.35	Ovary	2R:+:31041978-31042004	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_47064	ADTLDPALLRPGRLDR	AGAP003008-PA	-	43	0.000293287	1	1778.993	3.13	Ovary	2R:+:31041891-31041938	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_47152	AVAHHTTAAFIR	AGAP003008-PA	-	67	1.90E-06	1	1294.704	1.66	Ovary	2R:+:31041515-31041549,31041638-31041638	exon=> In CDS Exon 3 and 4 of transcript AGAP003008-PA
JHU_Ag_47201	ENSPAIIFIDEIDAIATKR	AGAP003008-PA	-	45	0.000216044	1	2116.143	7.04	Ovary	2R:+:31041717-31041773	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_50240	MLEFLEVQEEYIKDEQR	AGAP003008-PA	M1(Oxidation)	41	0.001275 98	2	2215.058	-0.41	Midgut	2R:+:31041011-31041061	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_51922	MIDAEMVIPDKDESDTR	AGAP003008-PA	N-Term(Acetyl)	69	1.31E-06	1	2006.903	-0.82	Malpighian tubule	2R:+:31012044-31012076,31040825-31040842	exon=> In CDS Exon 1 and 2 of transcript AGAP003008-PA

JHU_Ag_53819	ILLELLNQMDGFDQTTNVK	AGAP003008-PA	M9(Oxidation)	169	1.44E-16	1	2208.124	1.04	Ovary	2R:+:31041813-31041869	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_54828	ENSPAIIFIDEIDAIATK	AGAP003008-PA	-	59	1.86E-05	1	1960.017	-5.46	Ovary	2R:+:31041717-31041770	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_59128	MLEFLEVQEEYIKDEQR	AGAP003008-PA	-	72	8.79E-07	1	2199.066	0.9	Malpighian tubule	2R:+:31041011-31041061	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_59627	ILLELLNQMDGFDQTTNVK	AGAP003008-PA	M9(Oxidation)	93	7.02E-09	1	2208.122	0.16	Male reproductive organs	2R:+:31041813-31041869	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_61318	ENSPAIIFIDEIDAIATK	AGAP003008-PA	-	36	0.002444365	2	1960.039	5.89	Head	2R:+:31041717-31041770	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_63381	MIDAEMVIPDKDESDTR	AGAP003008-PA	N-Term(Acetyl), M1(Oxidation), M6(Oxidation)	44	0.000360811	1	2038.899	2.2	Salivary gland	2R:+:31012044-31012076,31040825-31040842	exon=> In CDS Exon 1 and 2 of transcript AGAP003008-PA
JHU_Ag_64330	RLIFSTITAK	AGAP003008-PA	-	50	1.61E-05	1	1149.699	-0.26	Head	2R:+:31041975-31042004	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_65989	KDETEHEFYK	AGAP003008-PA	-	59	1.42E-05	1	1325.599	-1.22	Ovary	2R:+:31042176-31042205	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_68751	ELLKPSASVALHK	AGAP003008-PA	-	72	1.09E-07	1	1392.822	0.74	Male reproductive organs	2R:+:31041227-31041265	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_74056	MNLSEDVDLEDFVARPDK	AGAP003008-PA	M1(Oxidation)	109	1.87E-10	1	2108.981	0.42	Ovary	2R:+:31042005-31042058	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_77180	FDAQTGADREVQR	AGAP003008-PA	-	41	0.001396716	2	1492.721	4.38	Ovary	2R:+:31041774-31041812	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_79372	ENSPAIIFIDEIDAIATK	AGAP003008-PA	-	44	0.000493159	2	1960.028	0.47	Male reproductive organs	2R:+:31041717-31041770	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_80182	DVVNPLEEPLEEDLYIK	AGAP003008-PA	-	51	0.000121713	2	2015.030	4	Salivary gland	2R:+:31040852-31040902	exon=> In CDS Exon 2 of transcript AGAP003008-PA
JHU_Ag_85133	VVGSEFVQK	AGAP003008-PA	-	41	0.001142729	1	992.541	0.01	Malpighian tubule	2R:+:31041639-31041665	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_94213	AVAHHTTAAFIR	AGAP003008-PA	-	63	4.84E-06	1	1294.704	2.08	Larva	2R:+:31041515-31041549,31041638-31041638	exon=> In CDS Exon 3 and 4 of transcript AGAP003008-PA
JHU_Ag_95132	DVVNPLEEPLEEDLYIK	AGAP003008-PA	-	36	0.003352451	1	2015.030	4.12	Malpighian tubule	2R:+:31040852-31040902	exon=> In CDS Exon 2 of transcript AGAP003008-PA
JHU_Ag_97801	EAVELPLTHFELYK	AGAP003008-PA	-	32	0.008195769	1	1688.895	3.09	Ovary	2R:+:31041398-31041439	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_99026	MLEFLEVQEEYIKDEQR	AGAP003008-PA	M1(Oxidation)	107	3.60E-10	1	2215.059	0.1	Ovary	2R:+:31041011-31041061	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_101278	HSNALVDVLPPEADSSISMLNADEKPDVQYSDIGGMDMQK	AGAP003008-PA	M19(Oxidation), M36(Oxidation), M38(Oxidation)	99	1.12E-09	1	4364.983	-0.34	Head	2R:+:31041266-31041385	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_101527	DVVNPLEEPLEEDLYIK	AGAP003008-PA	-	93	6.80E-09	1	2015.022	0.18	Midgut	2R:+:31040852-31040902	exon=> In CDS Exon 2 of transcript AGAP003008-PA
JHU_Ag_103705	TMKDVVNPLEEPLEEDLYIK	AGAP003008-PA	M2(Oxidation)	33	0.006174624	1	2391.209	3.76	Ovary	2R:+:31040843-31040902	exon=> In CDS Exon 2 of transcript AGAP003008-PA
JHU_Ag_106707	VVGSEFVQK	AGAP003008-PA	-	46	0.000306156	2	992.541	-0.05	Salivary gland	2R:+:31041639-31041665	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_108965	LIFSTITAK	AGAP003008-PA	-	30	0.002270733	2	993.599	0.67	Malpighian tubule	2R:+:31041978-31042004	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_109179	YIVLAKDFEK	AGAP003008-PA	-	39	0.000675193	1	1225.685	1.82	Malpighian tubule	2R:+:31042125-31042154	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_111266	AVAHHTTAAFIR	AGAP003008-PA	-	80	8.51E-08	1	1294.703	1.17	Head	2R:+:31041515-31041549,31041638-31041638	exon=> In CDS Exon 3 and 4 of transcript AGAP003008-PA
JHU_Ag_112735	ELLKPSASVALHK	AGAP003008-PA	-	72	1.08E-07	1	1392.821	-0.18	Ovary	2R:+:31041227-31041265	exon=> In CDS Exon 3 of transcript AGAP003008-PA

JHU_Ag_115139	VVGSEFVQKYLGEGPR	AGAP003008-PA	-	64	5.41E-06	1	1764.931	1.95	Malpighian tubule	2R:+:31041639-31041686	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_116523	DVVNPLEEPLEEDLYIK	AGAP003008-PA	-	60	1.41E-05	2	2015.025	1.57	Head	2R:+:31040852-31040902	exon=> In CDS Exon 2 of transcript AGAP003008-PA
JHU_Ag_116553	ENSPAIIFIDEIDAIATKR	AGAP003008-PA	-	36	0.002044789	1	2116.129	0.03	Male reproductive organs	2R:+:31041717-31041773	exon=> In CDS Exon 4 of transcript AGAP003008-PA
JHU_Ag_117689	ILSTIDRELLKPSASVALHK	AGAP003008-PA	-	71	4.74E-08	1	2191.288	3.09	Ovary	2R:+:31041206-31041265	exon=> In CDS Exon 3 of transcript AGAP003008-PA
JHU_Ag_9048	QRGWALK	AGAP003010-PA	-	35	0.005596116	2	858.502	8.25	Head	2R:-:31092993-31092973	exon=> In CDS Exon 1 of transcript AGAP003010-PA
JHU_Ag_14717	IEIPEDTPYGIFAR	AGAP003012-PA	-	86	3.85E-08	1	1620.831	2.31	Pupa	2R:+:31151673-31151691,31151790-31151812	exon=> In CDS Exon 4 and 5 of transcript AGAP003012-PA
JHU_Ag_27628	VSQYVGLHYYTDK	AGAP003012-PA	-	68	2.65E-06	1	1572.769	0.02	Pupa	2R:+:31150602-31150640	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_33972	SFLYLGQPTGSQYNCR	AGAP003012-PA	N14(Deamidated),C15(Carbamidomethyl),C15(Carbamidomethyl)	79	1.59E-07	2	1891.869	2.22	Pupa	2R:+:31150710-31150757	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_37042	SLPDGPSTYLNGERPLIDVGEPSGDYFENICEK	AGAP003012-PA	N11(Deamidated),C31(Carbamidomethyl)	68	1.43E-06	1	3669.708	4.89	Pupa	2R:+:31150779-31150875,31150979-31150980	exon=> In CDS Exon 1 and 2 of transcript AGAP003012-PA
JHU_Ag_47062	SETCNIDVINSDTFR	AGAP003012-PA	C4(Carbamidomethyl)	118	1.56E-11	2	1770.798	1.14	Pupa	2R:+:31151252-31151296	exon=> In CDS Exon 3 of transcript AGAP003012-PA
JHU_Ag_52648	ELQVTSETACK	AGAP003012-PA	C10(Carbamidomethyl)	69	1.77E-06	1	1265.604	-0.35	Pupa	2R:+:31150641-31150673	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_57813	SENACQRPWNFER	AGAP003012-PA	C5(Carbamidomethyl)	42	0.000589499	1	1693.748	-0.94	Pupa	2R:+:31150266-31150304	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_62199	GLDNALIYTSTK	AGAP003012-PA	N4(Deamidated)	88	1.38E-08	2	1295.686	1.64	Pupa	2R:+:31150326-31150361	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_65673	IGVSDDKVSQYVGLHYYTDK	AGAP003012-PA	-	128	2.29E-12	1	2287.129	1.96	Pupa	2R:+:31150581-31150640	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_73237	LACEIESEFLCR	AGAP003012-PA	C3(Carbamidomethyl),C11(Carbamidomethyl)	93	6.83E-09	2	1526.703	3.17	Pupa	2R:+:31150674-31150709	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_76759	YCLGPCEPAVCEWGR	AGAP003012-PA	C2(Carbamidomethyl),C6(Carbamidomethyl),C11(Carbamidomethyl)	100	4.40E-10	1	1853.778	0.75	Pupa	2R:+:31151993-31152037	exon=> In CDS Exon 5 of transcript AGAP003012-PA
JHU_Ag_77580	FTESYGVIFQCNVK	AGAP003012-PA	C11(Carbamidomethyl)	88	2.79E-08	2	1691.812	1.1	Pupa	2R:+:31151951-31151992	exon=> In CDS Exon 5 of transcript AGAP003012-PA
JHU_Ag_86716	SVEYDYNNMK	AGAP003012-PA	N7(Deamidated),M9(Oxidation),M9(Oxidation)	63	2.04E-06	1	1278.530	-0.41	Pupa	2R:+:31150410-31150439	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_89274	IYALGR	AGAP003012-PA	-	34	0.003678633	1	692.410	1.65	Pupa	2R:+:31151234-31151251	exon=> In CDS Exon 3 of transcript AGAP003012-PA
JHU_Ag_106953	EACLSACLNEK	AGAP003012-PA	C3(Carbamidomethyl),C7(Carbamidomethyl)	69	1.29E-06	2	1294.574	-2.04	Pupa	2R:+:31150362-31150394	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_113167	SVGQFVQLVDAQGVDYFENLCLKPSQACK	AGAP003012-PA	C21(Carbamidomethyl),C28(Carbamidomethyl)	156	3.12E-15	1	3300.616	3.95	Pupa	2R:+:31150467-31150553	exon=> In CDS Exon 1 of transcript AGAP003012-PA
JHU_Ag_115335	LTDFDFQGTTYYSVK	AGAP003012-PA	-	123	7.19E-12	1	1784.840	1.44	Pupa	2R:+:31150020-31150064	exon=> In CDS Exon 1 of transcript AGAP003012-PA

JHU_Ag_110550	NSAGDQQQQQLK	AGAP003013-PA	Q7(Deamidated), Q8(Deamidated), Q9(Deamidated), Q10(Deamidated),"Q6(Deamidated), Q8(Deamidated), Q9(Deamidated), Q10(Deamidated)"	29	0.004879653	1	1348.577	-7.06	Pupa	2R:-:31165690-31165655	exon=> In CDS Exon 1 of transcript AGAP003013-PA
JHU_Ag_70861	GGGDSNTTTTTTTANNNNNIK	AGAP003014-PA	-	69	1.21E-06	1	2095.945	-1.72	Head	2R:+:31172225-31172287	exon=> In CDS Exon 1 of transcript AGAP003014-PA
JHU_Ag_5243	APDTPTVAEIVFK	AGAP003015-PA	-	48	0.000238334	2	1387.748	1.17	Visceras	2R:+:31179865-31179903	exon=> In CDS Exon 1 of transcript AGAP003015-PA
JHU_Ag_8071	APDTPTVAEIVFK	AGAP003015-PA	-	66	3.50E-06	2	1387.747	0.29	Pupa	2R:+:31179865-31179903	exon=> In CDS Exon 1 of transcript AGAP003015-PA
JHU_Ag_29921	VTELVSGR	AGAP003015-PA	-	47	0.000459658	2	860.484	0.33	Malpighian tubule	2R:+:31179922-31179945	exon=> In CDS Exon 1 of transcript AGAP003015-PA
JHU_Ag_65383	APDTPTVAEIVFK	AGAP003015-PA	-	45	0.000415677	1	1387.752	3.46	Malpighian tubule	2R:+:31179865-31179903	exon=> In CDS Exon 1 of transcript AGAP003015-PA
JHU_Ag_80038	TMERPVDILAFLNK	AGAP003015-PA	M2(Oxidation)	39	0.001102529	3	1646.898	2.59	Malpighian tubule	2R:+:31179946-31179987	exon=> In CDS Exon 1 of transcript AGAP003015-PA
JHU_Ag_82174	APDTPTVAEIVFK	AGAP003015-PA	-	60	1.35E-05	2	1387.751	3.2	Ovary	2R:+:31179865-31179903	exon=> In CDS Exon 1 of transcript AGAP003015-PA
JHU_Ag_13698	RIEDEFR	AGAP003016-PA	-	45	0.000433602	1	964.484	-0.25	Ovary	2R:+:31183115-31183135	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_26885	TVNTFMETLSDETK	AGAP003016-PA	M6(Oxidation)	106	2.67E-10	1	1631.748	0.77	Ovary	2R:+:31183061-31183102	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_29687	QIDVNAVDLKK	AGAP003016-PA	-	66	1.87E-06	1	1242.708	1.85	Ovary	2R:+:31183504-31183536	exon=> In CDS Exon 4 of transcript AGAP003016-PA
JHU_Ag_38529	ILSDWDEECDGCLEK	AGAP003016-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	55	1.20E-05	2	1868.775	3.7	Visceras	2R:+:31183561-31183605	exon=> In CDS Exon 4 of transcript AGAP003016-PA
JHU_Ag_40811	TVNTFMETLSDETK	AGAP003016-PA	M6(Oxidation)	60	1.31E-05	1	1631.744	-1.55	Midgut	2R:+:31183061-31183102	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_50153	RIEDEFR	AGAP003016-PA	-	36	0.003625501	1	964.484	-0.82	Male reproductive organs	2R:+:31183115-31183135	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_51152	TVNTFMETLSDETK	AGAP003016-PA	-	67	2.41E-06	1	1615.752	0.04	Salivary gland	2R:+:31183061-31183102	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_60792	ILSDWDEECDGCLEK	AGAP003016-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	119	3.92E-12	1	1868.765	-1.4	Midgut	2R:+:31183561-31183605	exon=> In CDS Exon 4 of transcript AGAP003016-PA
JHU_Ag_64423	RIEDEFR	AGAP003016-PA	-	36	0.004066177	1	964.485	0.2	Salivary gland	2R:+:31183115-31183135	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_70607	TVNTFMETLSDETKK	AGAP003016-PA	M6(Oxidation)	65	4.85E-06	2	1759.842	-0.12	Male reproductive organs	2R:+:31183061-31183105	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_71008	QIDVNAVDLK	AGAP003016-PA	-	45	0.000374344	2	1114.611	0.73	Ovary	2R:+:31183504-31183533	exon=> In CDS Exon 4 of transcript AGAP003016-PA
JHU_Ag_77851	ILSDWDEECDGCLEK	AGAP003016-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	106	8.79E-11	1	1868.770	1.08	Head	2R:+:31183561-31183605	exon=> In CDS Exon 4 of transcript AGAP003016-PA
JHU_Ag_90046	ILSDWDEECDGCLEK	AGAP003016-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	83	1.72E-08	1	1868.770	1.02	Male reproductive organs	2R:+:31183561-31183605	exon=> In CDS Exon 4 of transcript AGAP003016-PA
JHU_Ag_94896	RIEDEFR	AGAP003016-PA	-	37	0.003266565	1	964.484	-0.44	Head	2R:+:31183115-31183135	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_115450	TVNTFMETLSDETK	AGAP003016-PA	M6(Oxidation)	60	1.13E-05	1	1631.748	0.47	Male reproductive organs	2R:+:31183061-31183102	exon=> In CDS Exon 2 of transcript AGAP003016-PA
JHU_Ag_10910	ASDLDQWIEIVK	AGAP003017-PA	N-Term(Acetyl)	61	1.41E-05	2	1458.754	4.55	Salivary gland	2R:+:31199718-31199753	exon=> In CDS Exon 1 of transcript AGAP003017-PA
JHU_Ag_12145	KLVTVWSAPNYCYR	AGAP003017-PA	C12(Carbamidomethyl)	37	0.003113783	1	1756.884	0.19	Male reproductive organs	2R:+:31200900-31200941	exon=> In CDS Exon 4 of transcript AGAP003017-PA

JHU_Ag_15446	DFMEINMLK	AGAP003017-PA	M3(Oxidation), M7(Oxidation)	50	6.55E-05	1	1172.530	-2.12	Ovary	2R:+:31200816-31200842	exon=> In CDS Exon 4 of transcript AGAP003017-PA
JHU_Ag_26987	GYYSLETFTR	AGAP003017-PA	-	59	1.83E-05	1	1236.591	1.36	Ovary	2R:+:31200222-31200251	exon=> In CDS Exon 2 of transcript AGAP003017-PA
JHU_Ag_33843	VYGFYDECYTK	AGAP003017-PA	C8(Carbamidomethyl)	63	2.10E-06	2	1444.608	-0.7	Midgut	2R:+:31200409-31200441	exon=> In CDS Exon 3 of transcript AGAP003017-PA
JHU_Ag_46591	GYYSLETFTR	AGAP003017-PA	-	50	0.000140878	2	1236.589	-0.51	Midgut	2R:+:31200222-31200251	exon=> In CDS Exon 2 of transcript AGAP003017-PA
JHU_Ag_53599	GAGWLFGSAVTR	AGAP003017-PA	-	67	3.05E-06	1	1221.637	-0.84	Ovary	2R:+:31200780-31200815	exon=> In CDS Exon 4 of transcript AGAP003017-PA
JHU_Ag_60415	ASDLDQWIEIVK	AGAP003017-PA	N-Term(Acetyl)	48	0.000278867	1	1458.747	-0.47	Ovary	2R:+:31199718-31199753	exon=> In CDS Exon 1 of transcript AGAP003017-PA
JHU_Ag_76875	LLTLK	AGAP003017-PA	-	25	0.004314297	1	587.410	-5.06	Head	2R:+:31200252-31200266	exon=> In CDS Exon 2 of transcript AGAP003017-PA
JHU_Ag_78363	GYYSLETFTR	AGAP003017-PA	-	59	2.21E-05	2	1236.589	-0.71	Male reproductive organs	2R:+:31200222-31200251	exon=> In CDS Exon 2 of transcript AGAP003017-PA
JHU_Ag_82049	TGGQVPDTNYIFMGDFVDR	AGAP003017-PA	-	58	2.36E-05	1	2131.982	3.3	Midgut	2R:+:31200165-31200221	exon=> In CDS Exon 2 of transcript AGAP003017-PA
JHU_Ag_105988	GAGWLFGSAVTR	AGAP003017-PA	-	76	3.41E-07	1	1221.637	-0.64	Male reproductive organs	2R:+:31200780-31200815	exon=> In CDS Exon 4 of transcript AGAP003017-PA
JHU_Ag_32253	QQINQQVGQAVTNAAMNELSNVFASK	AGAP003018-PA	M16(Oxidation)	34	0.005994134	1	2806.385	2.15	Head	2R:-:31189827-31189750	exon=> In CDS Exon 14 of transcript AGAP003018-PA
JHU_Ag_1595	DFINGELLAHLYATGDQASMMEESADEAQKR	AGAP003018-PA,AGAP003018-PB	M20(Oxidation), M21(Oxidation)	55	2.99E-05	1	3472.561	-0.61	Head	2R:-:31192210-31192378,31191978-31192030;2R:-:31192210-31192378,31191978-31192030	exon=> In CDS Exon 11 and 10 of transcript AGAP003018-PA;exon=> In CDS Exon 11 and 10 of transcript AGAP003018-PB
JHU_Ag_3455	EVDPQGVR	AGAP003018-PA,AGAP003018-PB	-	38	0.001402084	2	899.460	2.25	Malpighian tubule	2R:-:31195445-31195422;2R:-:31195445-31195422	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_3570	VGLFTPDMAFEAIVK	AGAP003018-PA,AGAP003018-PB	M8(Oxidation)	41	0.000944867	2	1653.860	2.81	Salivary gland	2R:-:31194722-31194678;2R:-:31194722-31194678	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_3577	RGYIGVVNR	AGAP003018-PA,AGAP003018-PB	-	47	0.000154937	1	1033.590	-0.4	Head	2R:-:31195334-31195308;2R:-:31195334-31195308	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_5416	TIEGSGSALVNTNELSGGAK	AGAP003018-PA,AGAP003018-PB	-	99	1.89E-09	1	1904.969	6.87	Malpighian tubule	2R:-:31194896-31194837;2R:-:31194896-31194837	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_6242	NLGSQVIR	AGAP003018-PA,AGAP003018-PB	-	53	6.46E-05	1	886.510	-1.02	Head	2R:-:31194209-31194186;2R:-:31194209-31194186	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_6555	KETCLILAVTPANTDLANSDALK	AGAP003018-PA,AGAP003018-PB	C4(Carbamidomethyl)	48	0.000130862	1	2458.297	4.63	Salivary gland	2R:-:31195523-31195455;2R:-:31195523-31195455	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB

JHU_Ag_7986	AAPQQQGSLSSMGAPAGR	AGAP003018-PA,AGAP003018-PB	M12(Oxidation)	85	4.49E-08	2	1729.834	3.15	Malpighian tubule	2R:-:31191773-31191892,31191489-31191620;2R:-:31191773-31191892,31191489-31191620	exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PA;exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PB
JHU_Ag_9100	QISQLKEPILK	AGAP003018-PA,AGAP003018-PB	-	33	0.000865862	2	1296.793	3.39	Malpighian tubule	2R:-:31194674-31194642;2R:-:31194674-31194642	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_9166	QLELSCESTDDVDSWK	AGAP003018-PA,AGAP003018-PB	C6(Carbamidomethyl)	119	8.09E-12	1	1911.829	0.42	Head	2R:-:31193858-31193811;2R:-:31193858-31193811	exon=> In CDS Exon 8 of transcript AGAP003018-PA;exon=> In CDS Exon 8 of transcript AGAP003018-PB
JHU_Ag_9399	LDLMDEGTDAR	AGAP003018-PA,AGAP003018-PB	M4(Oxidation)	89	1.12E-08	2	1251.554	1.22	Head	2R:-:31195400-31195368;2R:-:31195400-31195368	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_10057	MESLIPIVNK	AGAP003018-PA,AGAP003018-PB	N-Term(Acetyl), M1(Oxidation)	65	5.27E-06	2	1201.650	0.06	Salivary gland	2R:-:31198614-31198585;2R:-:31198614-31198585	exon=> In CDS Exon 1 of transcript AGAP003018-PA;exon=> In CDS Exon 1 of transcript AGAP003018-PB
JHU_Ag_10805	VLNQQLTNHIRDTLPALR	AGAP003018-PA,AGAP003018-PB	-	77	5.71E-08	1	2102.187	1.73	Head	2R:-:31195181-31195128;2R:-:31195181-31195128	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_11274	HTFGLFNPDGR	AGAP003018-PA,AGAP003018-PB	-	48	0.000248521	2	1260.610	-1.31	Salivary gland	2R:-:31194002-31193970;2R:-:31194002-31193970	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_12765	AAPQQQGSLSSMGAPAGR	AGAP003018-PA,AGAP003018-PB	M12(Oxidation)	139	2.09E-13	1	1729.832	1.67	Head	2R:-:31191773-31191892,31191489-31191620;2R:-:31191773-31191892,31191489-31191620	exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PA;exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PB
JHU_Ag_13391	VLNQQLTNHIR	AGAP003018-PA,AGAP003018-PB	-	83	2.92E-08	1	1335.750	0.91	Salivary gland	2R:-:31195181-31195149;2R:-:31195181-31195149	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_15322	CVDLTVLELSNVVR	AGAP003018-PA,AGAP003018-PB	C1(Carbamidomethyl)	76	2.59E-07	2	1616.875	4.55	Salivary gland	2R:-:31194641-31194600;2R:-:31194641-31194600	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_15613	MESLIPIVNK	AGAP003018-PA,AGAP003018-PB	N-Term(Acetyl), M1(Oxidation)	36	0.003657065	1	1201.654	3.38	Head	2R:-:31198614-31198585;2R:-:31198614-31198585	exon=> In CDS Exon 1 of transcript AGAP003018-PA;exon=> In CDS Exon 1 of transcript AGAP003018-PB
JHU_Ag_16975	HTFGLFNPDGR	AGAP003018-PA,AGAP003018-PB	-	49	0.000193583	2	1260.617	3.92	Malpighian tubule	2R:-:31194002-31193970;2R:-:31194002-31193970	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_17205	TIEGSGSALVNTNELSGGAK	AGAP003018-PA,AGAP003018-PB	-	46	0.000423901	2	1904.953	-1.65	Pupa	2R:-:31194896-31194837;2R:-:31194896-31194837	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB

JHU_Ag_20909	RPLILQLINGTVEFGEFLHQK	AGAP003018-PA,AGAP003018-PB	-	43	0.000120 8	1	2452.382	4.3	Ovary	2R:-:31195975-31196012,31195707-31195831;2R:-:31195975-31196012,31195707-31195831	exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PB
JHU_Ag_24675	DIHAALAAER	AGAP003018-PA,AGAP003018-PB	-	48	0.000181 707	1	1066.564	0.32	Head	2R:-:31195280-31195251;2R:-:31195280-31195251	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_26371	LRDETER	AGAP003018-PA,AGAP003018-PB	-	42	0.001250 891	1	918.464	-0.07	Head	2R:-:31194470-31194450;2R:-:31194470-31194450	exon=> In CDS Exon 6 of transcript AGAP003018-PA;exon=> In CDS Exon 6 of transcript AGAP003018-PB
JHU_Ag_26704	HIADRLGTPYLQK	AGAP003018-PA,AGAP003018-PB	-	45	0.000231 731	1	1511.837	2.87	Malpighian tubule	2R:-:31195220-31195182;2R:-:31195220-31195182	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_29700	LDLMDEGTDAR	AGAP003018-PA,AGAP003018-PB	M4(Oxidation)	74	3.47E-07	2	1251.553	0.63	Salivary gland	2R:-:31195400-31195368;2R:-:31195400-31195368	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_32746	ETCLILAVTPANTDLANSDALK	AGAP003018-PA,AGAP003018-PB	C3(Carbamidomethyl)	45	0.000384 756	1	2330.194	1.17	Malpighian tubule	2R:-:31195520-31195455;2R:-:31195520-31195455	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_33642	SSVLENFVGR	AGAP003018-PA,AGAP003018-PB	-	60	1.43E-05	2	1107.580	0.59	Salivary gland	2R:-:31198497-31198614,31195939-31196012;2R:-:31198497-31198614,31195939-31196012	exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PB
JHU_Ag_34305	IIGDVSMATFSTPVPPPVK	AGAP003018-PA,AGAP003018-PB	M7(Oxidation)	93	5.90E-09	1	1972.049	1.35	Salivary gland	2R:-:31191984-31192071,31191756-31191843;2R:-:31191984-31192071,31191756-31191843	exon=> In CDS Exon 12 and 11 of transcript AGAP003018-PA;exon=> In CDS Exon 12 and 11 of transcript AGAP003018-PB
JHU_Ag_34910	NDWLSSGLDNPR	AGAP003018-PA,AGAP003018-PB	-	71	7.02E-07	2	1373.644	-0.2	Head	2R:-:31191842-31191807;2R:-:31191842-31191807	exon=> In CDS Exon 12 of transcript AGAP003018-PA;exon=> In CDS Exon 12 of transcript AGAP003018-PB
JHU_Ag_35766	REISFAIR	AGAP003018-PA,AGAP003018-PB	-	31	0.006538 604	2	991.566	-2.14	Head	2R:-:31194764-31194741;2R:-:31194764-31194741	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_37097	GISNIPINLR	AGAP003018-PA,AGAP003018-PB	-	39	0.000349 381	1	1096.647	-0.36	Head	2R:-:31195752-31195723;2R:-:31195752-31195723	exon=> In CDS Exon 3 of transcript AGAP003018-PA;exon=> In CDS Exon 3 of transcript AGAP003018-PB
JHU_Ag_37371	ETCLILAVTPANTDLANSDALK	AGAP003018-PA,AGAP003018-PB	C3(Carbamidomethyl)	37	0.002538 889	2	2330.188	-1.24	Ovary	2R:-:31195520-31195455;2R:-:31195520-31195455	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB

JHU_Ag_40061	KAAPQQQGSLSSMGAPAGR	AGAP003018-PA,AGAP003018-PB	M13(Oxidation)	51	0.000115304	1	1857.928	2.1	Malpighian tubule	2R:-:31191776-31191892,31191489-31191620;2R:-:31191776-31191892,31191489-31191620	exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PA;exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PB
JHU_Ag_40386	AIMMLIINNTK	AGAP003018-PA,AGAP003018-PB	M3(Oxidation), M4(Oxidation)	62	6.57E-06	2	1293.696	3.98	Male reproductive organs	2R:-:31192243-31192211;2R:-:31192243-31192211	exon=> In CDS Exon 10 of transcript AGAP003018-PA;exon=> In CDS Exon 10 of transcript AGAP003018-PB
JHU_Ag_40404	IIGDVSMATFSTPVPPPVK	AGAP003018-PA,AGAP003018-PB	M7(Oxidation)	126	3.46E-12	1	1972.037	-4.59	Head	2R:-:31191984-31192071,31191756-31191843;2R:-:31191984-31192071,31191756-31191843	exon=> In CDS Exon 12 and 11 of transcript AGAP003018-PA;exon=> In CDS Exon 12 and 11 of transcript AGAP003018-PB
JHU_Ag_41533	VPIGDQPADIENQIK	AGAP003018-PA,AGAP003018-PB	-	82	7.28E-08	1	1636.854	-0.14	Ovary	2R:-:31195592-31195548;2R:-:31195592-31195548	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_51399	VYSPHVLNLTLIDLPGLTK	AGAP003018-PA,AGAP003018-PB	-	36	0.000382057	1	2093.209	4.09	Pupa	2R:-:31195722-31195856,31195027-31195593;2R:-:31195722-31195856,31195027-31195593	exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PB
JHU_Ag_51627	IIGDVSMATFSTPVPPPVKNDWLSSGLDNPR	AGAP003018-PA,AGAP003018-PB	-	56	1.96E-05	1	3310.715	11.21	Malpighian tubule	2R:-:31191984-31192071,31191756-31191807;2R:-:31191984-31192071,31191756-31191807	exon=> In CDS Exon 12 and 11 of transcript AGAP003018-PA;exon=> In CDS Exon 12 and 11 of transcript AGAP003018-PB
JHU_Ag_52022	VYSPHVLNLTLIDLPGLTK	AGAP003018-PA,AGAP003018-PB	-	63	1.17E-06	1	2093.198	-1.09	Malpighian tubule	2R:-:31195722-31195856,31195027-31195593;2R:-:31195722-31195856,31195027-31195593	exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PB
JHU_Ag_53137	LLPLRR	AGAP003018-PA,AGAP003018-PB	-	27	0.001679041	2	767.524	-0.86	Head	2R:-:31195349-31195332;2R:-:31195349-31195332	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_56543	GYIGVVNR	AGAP003018-PA,AGAP003018-PB	-	46	0.000246447	1	877.488	-0.7	Head	2R:-:31195331-31195308;2R:-:31195331-31195308	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_56883	KFFLSHPSYR	AGAP003018-PA,AGAP003018-PB	-	55	4.36E-05	1	1281.674	-0.31	Head	2R:-:31195250-31195221;2R:-:31195250-31195221	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_57108	DFINGELLAHLYATGDQASMMEESADEAQK	AGAP003018-PA,AGAP003018-PB	M20(Oxidation),"M20(Oxidation), M21(Oxidation)",M21(Oxidation)	167	1.20E-16	1	3316.464	0.46	Head	2R:-:31192210-31192378,31191978-31192033;2R:-:31192210-31192378,31191978-31192033	exon=> In CDS Exon 11 and 10 of transcript AGAP003018-PA;exon=> In CDS Exon 11 and 10 of transcript AGAP003018-PB

JHU_Ag_59581	LRFEIVK	AGAP003018-PA,AGAP003018-PB	-	31	0.002324683	2	904.560	-1.35	Head	2R:-:31194812-31194792;2R:-:31194812-31194792	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_59668	KDIHAALAAER	AGAP003018-PA,AGAP003018-PB	-	68	1.36E-06	1	1194.657	-1.87	Head	2R:-:31195283-31195251;2R:-:31195283-31195251	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_59797	GISNIPINLR	AGAP003018-PA,AGAP003018-PB	-	53	1.53E-05	2	1096.649	1.24	Salivary gland	2R:-:31195752-31195723;2R:-:31195752-31195723	exon=> In CDS Exon 3 of transcript AGAP003018-PA;exon=> In CDS Exon 3 of transcript AGAP003018-PB
JHU_Ag_60512	FSNFEEIRQEIEAETDR	AGAP003018-PA,AGAP003018-PB	-	80	1.38E-07	1	2112.987	1.6	Ovary	2R:-:31195821-31195771;2R:-:31195821-31195771	exon=> In CDS Exon 3 of transcript AGAP003018-PA;exon=> In CDS Exon 3 of transcript AGAP003018-PB
JHU_Ag_61363	VPIGDQPADIENQIK	AGAP003018-PA,AGAP003018-PB	-	113	6.59E-11	1	1636.856	1.13	Salivary gland	2R:-:31195592-31195548;2R:-:31195592-31195548	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_61503	KAAPQQQGSLSSMGAPAGR	AGAP003018-PA,AGAP003018-PB	M13(Oxidation)	95	4.92E-09	1	1857.923	-0.16	Head	2R:-:31191776-31191892,31191489-31191620;2R:-:31191776-31191892,31191489-31191620	exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PA;exon=> In CDS Exon 13 and 12 of transcript AGAP003018-PB
JHU_Ag_61559	LRDIEQGFMSR	AGAP003018-PA,AGAP003018-PB	M9(Oxidation)	40	0.001607098	2	1367.673	-0.22	Head	2R:-:31194038-31194006;2R:-:31194038-31194006	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_62081	VPIGDQPADIENQIK	AGAP003018-PA,AGAP003018-PB	-	121	1.02E-11	1	1636.854	-0.37	Head	2R:-:31195592-31195548;2R:-:31195592-31195548	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_62327	AIMMLIINNTK	AGAP003018-PA,AGAP003018-PB	M3(Oxidation), M4(Oxidation),M4(Oxidation)	92	4.89E-09	1	1261.703	1.53	Head	2R:-:31192243-31192211;2R:-:31192243-31192211	exon=> In CDS Exon 10 of transcript AGAP003018-PA;exon=> In CDS Exon 10 of transcript AGAP003018-PB
JHU_Ag_62864	FFLSHPSYR	AGAP003018-PA,AGAP003018-PB	-	52	8.91E-05	1	1153.578	-0.76	Head	2R:-:31195247-31195221;2R:-:31195247-31195221	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_63128	RPLILQLINGTVEFGEFLHQK	AGAP003018-PA,AGAP003018-PB	-	47	5.48E-05	1	2452.366	-2.22	Malpighian tubule	2R:-:31195975-31196012,31195707-31195831;2R:-:31195975-31196012,31195707-31195831	exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PB
JHU_Ag_63657	KETCLILAVTPANTDLANSDALK	AGAP003018-PA,AGAP003018-PB	C4(Carbamidomethyl)	55	2.64E-05	1	2458.293	2.9	Head	2R:-:31195523-31195455;2R:-:31195523-31195455	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_66972	TIEGSGSALVNTNELSGGAK	AGAP003018-PA,AGAP003018-PB	-	141	1.46E-13	1	1904.956	0.02	Head	2R:-:31194896-31194837;2R:-:31194896-31194837	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB

JHU_Ag_67806	VYSPHVLNLTLIDLPGLTK	AGAP003018-PA,AGAP003018-PB	-	70	1.89E-07	1	2093.203	0.94	Ovary	2R:-:31195722-31195856,31195027-31195593;2R:-:31195722-31195856,31195027-31195593	exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PB
JHU_Ag_68066	AMLQMIQQLQSDFER	AGAP003018-PA,AGAP003018-PB	M2(Oxidation),M5(Oxidation),"M2(Oxidation), M5(Oxidation)"	115	4.96E-11	2	1869.883	-0.18	Head	2R:-:31195037-31195633,31194585-31194897;2R:-:31195037-31195633,31194585-31194897	exon=> In CDS Exon 5 and 4 of transcript AGAP003018-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP003018-PB
JHU_Ag_68736	VGLFTPDMAFEAIVKK	AGAP003018-PA,AGAP003018-PB	-	48	0.000135548	1	1765.962	3.37	Malpighian tubule	2R:-:31194722-31194675;2R:-:31194722-31194675	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_69209	TIEGSGSALVNTNELSGGAK	AGAP003018-PA,AGAP003018-PB	-	115	4.88E-11	2	1904.963	3.67	Ovary	2R:-:31194896-31194837;2R:-:31194896-31194837	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_70926	VGLFTPDMAFEAIVKK	AGAP003018-PA,AGAP003018-PB	-	43	0.000418614	1	1765.958	0.99	Head	2R:-:31194722-31194675;2R:-:31194722-31194675	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_71605	VLNQQLTNHIR	AGAP003018-PA,AGAP003018-PB	Q4(Deamidated)	82	4.39E-08	1	1335.745	-3.39	Head	2R:-:31195181-31195149;2R:-:31195181-31195149	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_72139	FSNFEEIR	AGAP003018-PA,AGAP003018-PB	-	38	0.00167193	1	1041.499	-0.73	Head	2R:-:31195821-31195798;2R:-:31195821-31195798	exon=> In CDS Exon 3 of transcript AGAP003018-PA;exon=> In CDS Exon 3 of transcript AGAP003018-PB
JHU_Ag_73490	GYIGVVNR	AGAP003018-PA,AGAP003018-PB	-	49	0.000140192	2	877.489	0.21	Salivary gland	2R:-:31195331-31195308;2R:-:31195331-31195308	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_77437	FSNFEEIRQEIEAETDR	AGAP003018-PA,AGAP003018-PB	-	45	0.000501312	3	2112.997	6.28	Midgut	2R:-:31195821-31195771;2R:-:31195821-31195771	exon=> In CDS Exon 3 of transcript AGAP003018-PA;exon=> In CDS Exon 3 of transcript AGAP003018-PB
JHU_Ag_77681	SSVLENFVGRDFLPR	AGAP003018-PA,AGAP003018-PB	-	119	1.22E-11	1	1735.919	3.38	Malpighian tubule	2R:-:31198497-31198614,31195939-31195997;2R:-:31198497-31198614,31195939-31195997	exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PB
JHU_Ag_78029	EISFAIR	AGAP003018-PA,AGAP003018-PB	-	35	0.003197508	2	835.467	0	Head	2R:-:31194761-31194741;2R:-:31194761-31194741	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_78781	RPLILQLINGTVEFGEFLHQK	AGAP003018-PA,AGAP003018-PB	-	147	5.41E-15	1	2452.376	1.89	Head	2R:-:31195975-31196012,31195707-31195831;2R:-:31195975-31196012,31195707-31195831	exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PB

JHU_Ag_80235	AIMMLIINNTK	AGAP003018-PA,AGAP003018-PB	M3(Oxidation), M4(Oxidation)	75	4.04E-07	2	1293.690	-0.08	Salivary gland	2R:-:31192243-31192211;2R:-:31192243-31192211	exon=> In CDS Exon 10 of transcript AGAP003018-PA;exon=> In CDS Exon 10 of transcript AGAP003018-PB
JHU_Ag_82015	LQDAFTQMGVHMQLDLPQIAVVGGQSAGK	AGAP003018-PA,AGAP003018-PB	M8(Oxidation), M12(Oxidation),M8(Oxidation),M12(Oxidation)	163	6.06E-16	1	3039.541	0.55	Head	2R:-:31198584-31198498;2R:-:31198584-31198498	exon=> In CDS Exon 1 of transcript AGAP003018-PA;exon=> In CDS Exon 1 of transcript AGAP003018-PB
JHU_Ag_82239	EISFAIR	AGAP003018-PA,AGAP003018-PB	-	42	0.000581851	2	835.468	0.58	Ovary	2R:-:31194761-31194741;2R:-:31194761-31194741	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_85361	QISQLKEPILK	AGAP003018-PA,AGAP003018-PB	-	71	1.38E-07	1	1296.788	-0.66	Head	2R:-:31194674-31194642;2R:-:31194674-31194642	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_85838	VYSPHVLNLTLIDLPGLTK	AGAP003018-PA,AGAP003018-PB	-	147	3.04E-15	1	2093.206	2.4	Head	2R:-:31195722-31195856,31195027-31195593;2R:-:31195722-31195856,31195027-31195593	exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PB
JHU_Ag_86689	FMLPLDGLK	AGAP003018-PA,AGAP003018-PB	M2(Oxidation)	35	0.003595716	1	1049.570	0.42	Head	2R:-:31194065-31194039;2R:-:31194065-31194039	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_86704	SSVLENFVGR	AGAP003018-PA,AGAP003018-PB	-	62	9.80E-06	2	1107.581	1.91	Visceras	2R:-:31198497-31198614,31195939-31196012;2R:-:31198497-31198614,31195939-31196012	exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PB
JHU_Ag_87420	RPLILQLINGTVEFGEFLHQK	AGAP003018-PA,AGAP003018-PB	-	80	2.29E-08	1	2452.385	5.62	Salivary gland	2R:-:31195975-31196012,31195707-31195831;2R:-:31195975-31196012,31195707-31195831	exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003018-PB
JHU_Ag_87737	AMLQMIQQLQSDFER	AGAP003018-PA,AGAP003018-PB	M2(Oxidation), M5(Oxidation)	88	2.77E-08	1	1869.903	10.46	Malpighian tubule	2R:-:31195037-31195633,31194585-31194897;2R:-:31195037-31195633,31194585-31194897	exon=> In CDS Exon 5 and 4 of transcript AGAP003018-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP003018-PB
JHU_Ag_89089	CVDLTVLELSNVVR	AGAP003018-PA,AGAP003018-PB	C1(Carbamidomethyl)	94	5.04E-09	2	1616.874	3.64	Head	2R:-:31194641-31194600;2R:-:31194641-31194600	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_90862	FSNFEEIRQEIEAETDR	AGAP003018-PA,AGAP003018-PB	-	134	5.95E-13	1	2112.989	2.46	Head	2R:-:31195821-31195771;2R:-:31195821-31195771	exon=> In CDS Exon 3 of transcript AGAP003018-PA;exon=> In CDS Exon 3 of transcript AGAP003018-PB

JHU_Ag_91426	GHMCIQNLGIMK	AGAP003018-PA,AGAP003018-PB	C4(Carbamidomethyl), M11(Oxidation),"M3(Oxidation), C4(Carbamidomethyl), M11(Oxidation)"	63	7.84E-06	1	1433.671	0.58	Head	2R:-:31194182-31194147;2R:-:31194182-31194147	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_92149	AGVYPEKDTPANGDETEAEESGGESGPTGQSLDPQLER	AGAP003018-PA,AGAP003018-PB	-	46	0.000180429	1	3917.749	1.38	Head	2R:-:31193795-31193867,31192160-31192322;2R:-:31193795-31193867,31192160-31192322	exon=> In CDS Exon 10 and 8 of transcript AGAP003018-PA;exon=> In CDS Exon 10 and 8 of transcript AGAP003018-PB
JHU_Ag_94828	GMIFQFIR	AGAP003018-PA,AGAP003018-PB	M2(Oxidation)	58	1.23E-05	1	1027.540	0.54	Head	2R:-:31195547-31195524;2R:-:31195547-31195524	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_95280	VGLFTPDMAFEAIVK	AGAP003018-PA,AGAP003018-PB	M8(Oxidation)	89	1.67E-08	1	1637.863	1.59	Head	2R:-:31194722-31194678;2R:-:31194722-31194678	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_96329	TIEGSGSALVNTNELSGGAK	AGAP003018-PA,AGAP003018-PB	-	116	4.75E-11	1	1904.953	-1.52	Male reproductive organs	2R:-:31194896-31194837;2R:-:31194896-31194837	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_97068	HTFGLFNPDGR	AGAP003018-PA,AGAP003018-PB	-	53	8.45E-05	2	1260.622	8.28	Ovary	2R:-:31194002-31193970;2R:-:31194002-31193970	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_97607	VYSPHVLNLTLIDLPGLTK	AGAP003018-PA,AGAP003018-PB	-	87	3.47E-09	1	2093.206	2.64	Salivary gland	2R:-:31195722-31195856,31195027-31195593;2R:-:31195722-31195856,31195027-31195593	exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003018-PB
JHU_Ag_99086	IITTHIR	AGAP003018-PA,AGAP003018-PB	-	33	0.000912091	2	853.524	-1.51	Head	2R:-:31194449-31194429;2R:-:31194449-31194429	exon=> In CDS Exon 6 of transcript AGAP003018-PA;exon=> In CDS Exon 6 of transcript AGAP003018-PB
JHU_Ag_99460	ETCLILAVTPANTDLANSDALK	AGAP003018-PA,AGAP003018-PB	C3(Carbamidomethyl)	66	2.71E-06	1	2330.193	0.75	Head	2R:-:31195520-31195455;2R:-:31195520-31195455	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_101741	HTFGLFNPDGR	AGAP003018-PA,AGAP003018-PB	-	68	2.50E-06	2	1260.613	0.82	Head	2R:-:31194002-31193970;2R:-:31194002-31193970	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_101787	AMLQMIQQLQSDFER	AGAP003018-PA,AGAP003018-PB	M2(Oxidation), M5(Oxidation)	107	2.75E-10	1	1869.882	-1.03	Male reproductive organs	2R:-:31195037-31195633,31194585-31194897;2R:-:31195037-31195633,31194585-31194897	exon=> In CDS Exon 5 and 4 of transcript AGAP003018-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP003018-PB
JHU_Ag_102557	TIGVITK	AGAP003018-PA,AGAP003018-PB	-	40	0.000356504	1	731.465	-1.02	Head	2R:-:31195421-31195401;2R:-:31195421-31195401	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB

JHU_Ag_102915	GMIFQFIR	AGAP003018-PA,AGAP003018-PB	M2(Oxidation)	56	2.59E-05	2	1027.539	-0.29	Male reproductive organs	2R:-:31195547-31195524;2R:-:31195547-31195524	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_103256	VPIGDQPADIENQIK	AGAP003018-PA,AGAP003018-PB	-	94	4.61E-09	1	1636.851	-1.86	Male reproductive organs	2R:-:31195592-31195548;2R:-:31195592-31195548	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_103259	VGLFTPDMAFEAIVK	AGAP003018-PA,AGAP003018-PB	M8(Oxidation)	45	0.000432026	1	1653.857	0.81	Male reproductive organs	2R:-:31194722-31194678;2R:-:31194722-31194678	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_103472	AGVYPEK	AGAP003018-PA,AGAP003018-PB	-	44	0.000510274	1	763.398	-0.99	Head	2R:-:31193795-31193775;2R:-:31193795-31193775	exon=> In CDS Exon 8 of transcript AGAP003018-PA;exon=> In CDS Exon 8 of transcript AGAP003018-PB
JHU_Ag_103661	SSVLENFVGR	AGAP003018-PA,AGAP003018-PB	-	59	1.61E-05	2	1107.585	5.11	Head	2R:-:31198497-31198614,31195939-31196012;2R:-:31198497-31198614,31195939-31196012	exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003018-PB
JHU_Ag_104173	HFRPDDPSIK	AGAP003018-PA,AGAP003018-PB	-	39	0.001525844	2	1211.614	-1.96	Head	2R:-:31195073-31195044;2R:-:31195073-31195044	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_104788	LGTPYLQK	AGAP003018-PA,AGAP003018-PB	-	37	0.001680433	1	919.524	-0.65	Head	2R:-:31195205-31195182;2R:-:31195205-31195182	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_105997	AGVYPEKDTPANGDETEAEESGGESGPTGQSLDPQLER	AGAP003018-PA,AGAP003018-PB	-	48	0.000141749	1	3917.776	8.3	Malpighian tubule	2R:-:31193795-31193867,31192160-31192322;2R:-:31193795-31193867,31192160-31192322	exon=> In CDS Exon 10 and 8 of transcript AGAP003018-PA;exon=> In CDS Exon 10 and 8 of transcript AGAP003018-PB
JHU_Ag_106251	EISFAIR	AGAP003018-PA,AGAP003018-PB	-	45	0.000285635	2	835.467	0.22	Salivary gland	2R:-:31194761-31194741;2R:-:31194761-31194741	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_107591	RHTFGLFNPDGR	AGAP003018-PA,AGAP003018-PB	-	49	0.000177743	1	1416.713	0.09	Head	2R:-:31194005-31193970;2R:-:31194005-31193970	exon=> In CDS Exon 7 of transcript AGAP003018-PA;exon=> In CDS Exon 7 of transcript AGAP003018-PB
JHU_Ag_107853	VGLFTPDMAFEAIVK	AGAP003018-PA,AGAP003018-PB	M8(Oxidation)	36	0.003330506	1	1653.862	3.55	Ovary	2R:-:31194722-31194678;2R:-:31194722-31194678	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_108405	DTPANGDETEAEESGGESGPTGQSLDPQLER	AGAP003018-PA,AGAP003018-PB	-	41	0.000387766	2	3173.367	1.28	Head	2R:-:31193774-31193867,31192160-31192322;2R:-:31193774-31193867,31192160-31192322	exon=> In CDS Exon 10 and 8 of transcript AGAP003018-PA;exon=> In CDS Exon 10 and 8 of transcript AGAP003018-PB

JHU_Ag_109632	INRIFHER	AGAP003018-PA,AGAP003018-PB	-	36	0.002507509	1	1084.601	-0.03	Malpighian tubule	2R:-:31194836-31194813;2R:-:31194836-31194813	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_110321	FSNFEEIRQEIEAETDR	AGAP003018-PA,AGAP003018-PB	-	111	1.15E-10	1	2112.981	-1.35	Malpighian tubule	2R:-:31195821-31195771;2R:-:31195821-31195771	exon=> In CDS Exon 3 of transcript AGAP003018-PA;exon=> In CDS Exon 3 of transcript AGAP003018-PB
JHU_Ag_110627	QISQLKEPILK	AGAP003018-PA,AGAP003018-PB	-	34	0.000615863	2	1296.789	0.28	Salivary gland	2R:-:31194674-31194642;2R:-:31194674-31194642	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_110736	GMIFQFIR	AGAP003018-PA,AGAP003018-PB	M2(Oxidation)	51	7.82E-05	2	1027.542	2.68	Salivary gland	2R:-:31195547-31195524;2R:-:31195547-31195524	exon=> In CDS Exon 4 of transcript AGAP003018-PA;exon=> In CDS Exon 4 of transcript AGAP003018-PB
JHU_Ag_111403	TIEGSGSALVNTNELSGGAK	AGAP003018-PA,AGAP003018-PB	-	98	2.70E-09	1	1904.960	2.19	Salivary gland	2R:-:31194896-31194837;2R:-:31194896-31194837	exon=> In CDS Exon 5 of transcript AGAP003018-PA;exon=> In CDS Exon 5 of transcript AGAP003018-PB
JHU_Ag_16736	SVDAVGSYAENQK	AGAP003019-PA	-	46	0.000351411	2	1367.652	6.1	Malpighian tubule	2R:-:31203634-31203596	exon=> In CDS Exon 4 of transcript AGAP003019-PA
JHU_Ag_17597	AVITPIIGIEHLWK	AGAP003019-PA	-	33	0.00061565	2	1589.947	3.53	Ovary	2R:-:31203565-31203524	exon=> In CDS Exon 4 of transcript AGAP003019-PA
JHU_Ag_70022	AQQTVEVRPFDVESWSLLVR	AGAP003019-PA	-	55	2.36E-05	1	2359.258	7.5	Malpighian tubule	2R:-:31204197-31204138	exon=> In CDS Exon 2 of transcript AGAP003019-PA
JHU_Ag_91349	VAKELEIVTK	AGAP003019-PA	-	30	0.003223313	1	1129.686	2.55	Malpighian tubule	2R:-:31203433-31203404	exon=> In CDS Exon 4 of transcript AGAP003019-PA
JHU_Ag_100930	DYIAFEQNINPIISEK	AGAP003019-PA	-	31	0.00931471	1	1893.977	9.12	Midgut	2R:-:31203523-31203476	exon=> In CDS Exon 4 of transcript AGAP003019-PA
JHU_Ag_112752	SVHWIVDDSTYASEGGLKR	AGAP003019-PA	-	57	3.10E-05	1	2120.049	4.09	Malpighian tubule	2R:-:31201698-31201642	exon=> In CDS Exon 9 of transcript AGAP003019-PA
JHU_Ag_756	VHEGCVEPATHNALAK	AGAP003021-PB	C5(Carbamidomethyl)	119	2.26E-11	1	1732.849	3.31	Malpighian tubule	2R:+:31215022-31215069	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_1905	IYIDSNNNPER	AGAP003021-PB	-	79	1.77E-07	2	1334.633	-0.25	Visceras	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_2088	YDVIYLITK	AGAP003021-PB	-	72	4.53E-07	2	1127.636	0.85	Visceras	2R:+:31213231-31213257	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_2129	AVSFFTK	AGAP003021-PB	-	39	0.000866344	1	799.433	-1.79	Midgut	2R:+:31216729-31216749	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_2472	AQLQQGLVK	AGAP003021-PB	-	51	4.88E-05	2	984.587	3.19	Ovary	2R:+:31215766-31215792	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_2503	ALEHYTDLYDIKR	AGAP003021-PB	-	74	6.78E-07	1	1636.835	0.93	Head	2R:+:31214302-31214340	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_2946	GQFSTDELVEEVEK	AGAP003021-PB	-	85	4.27E-08	1	1609.765	3.46	Larva	2R:+:31214938-31214979	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_3682	YDVIYLITK	AGAP003021-PB	-	44	0.000387688	1	1127.638	2.47	Malpighian tubule	2R:+:31213231-31213257	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_3908	GQFSTDELVEEVEK	AGAP003021-PB	-	60	1.31E-05	2	1609.763	2.24	Midgut	2R:+:31214938-31214979	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_4064	EAIDSYIK	AGAP003021-PB	-	51	0.000108859	2	938.483	-0.4	Midgut	2R:+:31215793-31215816	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_4174	VNYSPDYVFLLR	AGAP003021-PB	-	70	1.46E-06	1	1485.776	1.43	Head	2R:+:31213948-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_4668	LLEMNLMSAPQVADAILGNAMFTHYDR	AGAP003021-PB	M4(Oxidation), M7(Oxidation), M21(Oxidation)	76	3.28E-07	1	3069.460	4.01	Head	2R:+:31214176-31214256	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_5506	VIQCFAETGQFQK	AGAP003021-PB	C4(Carbamidomethyl)	92	7.57E-09	1	1555.759	1	Ovary	2R:+:31213888-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_5534	ALEHYTDLYDIK	AGAP003021-PB	-	86	3.68E-08	1	1480.734	1.64	Head	2R:+:31214302-31214337	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_5821	TSIDAFDNFDNIALAQK	AGAP003021-PB	-	70	1.67E-06	2	1882.918	0.09	Male reproductive organs	2R:+:31216870-31216920	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_5859	SQQLPIR	AGAP003021-PB	N-Term(Acetyl)	35	0.001294829	1	883.501	1.94	Head	2R:+:31211008-31211028	exon=> In CDS Exon 1 of transcript AGAP003021-PB
JHU_Ag_5882	NNLSGAEDLFVR	AGAP003021-PB	-	39	0.00222364	2	1334.668	-1.19	Visceras	2R:+:31213486-31213521	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_6039	ESYIESELIYAYAR	AGAP003021-PB	-	61	1.42E-05	2	1706.832	2.7	Visceras	2R:+:31215922-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_6551	FNQLFQNGQFAEAAK	AGAP003021-PB	N2(Deamidated), Q6(Deamidated)	136	4.29E-13	1	1712.841	0.78	Head	2R:+:31213525-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_6606	LPVVVGGLLDVDCSEDIIK	AGAP003021-PB	C13(Carbamidomethyl)	169	1.13E-16	1	2041.096	3.46	Ovary	2R:+:31214860-31214916	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_6881	ALEHYTDLYDIKR	AGAP003021-PB	-	88	2.56E-08	1	1636.832	-0.75	Ovary	2R:+:31214302-31214340	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_7115	VIQCFAETGQFQK	AGAP003021-PB	C4(Carbamidomethyl)	97	2.42E-09	1	1555.762	2.65	Salivary gland	2R:+:31213888-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_7627	GQFSTDELVEEVEK	AGAP003021-PB	-	87	2.70E-08	2	1609.760	0.73	Ovary	2R:+:31214938-31214979	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_7738	AQLQQGLVK	AGAP003021-PB	-	52	4.27E-05	2	984.583	-0.41	Midgut	2R:+:31215766-31215792	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_8596	VSQAIEGHAASFATFK	AGAP003021-PB	-	138	2.70E-13	1	1663.846	1.39	Head	2R:+:31212991-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_8974	ISGDTIFVTAPHESSGGIIGVNRK	AGAP003021-PB	-	95	2.50E-09	1	2455.296	0.8	Head	2R:+:31213315-31213386	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_9677	AINEALNGLLIDEEDYQGLR	AGAP003021-PB	-	106	3.15E-10	2	2246.141	5.07	Midgut	2R:+:31216810-31216869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_9786	VHEGCVEPATHNALAK	AGAP003021-PB	C5(Carbamidomethyl)	61	1.37E-05	1	1732.852	5.04	Salivary gland	2R:+:31215022-31215069	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_11061	LTDQLPLIIVCDR	AGAP003021-PB	C11(Carbamidomethyl)	52	4.58E-05	2	1555.863	7.41	Malpighian tubule	2R:+:31214728-31214766	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_11062	VGETAQVVIIDMNDAQNPIRRPISADSAIMNPASK	AGAP003021-PB	M12(Oxidation), M30(Oxidation)	81	6.98E-08	1	3753.901	2.93	Malpighian tubule	2R:+:31212441-31212545	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_11148	IYIDSNNNPER	AGAP003021-PB	-	81	1.04E-07	1	1334.633	-0.16	Head	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_11354	VHEGCVEPATHNALAK	AGAP003021-PB	C5(Carbamidomethyl)	48	0.000245414	2	1732.852	5.11	Midgut	2R:+:31215022-31215069	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_11572	YIEIYVQK	AGAP003021-PB	-	45	0.000173512	2	1055.576	-1.5	Midgut	2R:+:31214821-31214844	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_11580	AVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M18(Oxidation)	52	8.85E-05	2	2550.232	-0.59	Head	2R:+:31213162-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_11708	EFQGAVDGAR	AGAP003021-PB	-	52	9.75E-05	2	1049.501	0.27	Ovary	2R:+:31216132-31216161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_11917	FDFVHDLVLYLYR	AGAP003021-PB	-	59	1.39E-05	2	1699.898	8.06	Midgut	2R:+:31214767-31214805	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_12587	AFMTADLPNELIELLEK	AGAP003021-PB	M3(Oxidation)	80	1.32E-07	1	1963.015	2.72	Head	2R:+:31215406-31215456	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_12610	RPISADSAIMNPASK	AGAP003021-PB	M10(Oxidation)	44	0.000702288	1	1573.797	-2.1	Midgut	2R:+:31212501-31212545	exon=> In CDS Exon 2 of transcript AGAP003021-PB

JHU_Ag_12898	SNVPNKVIQCFAETGQFQK	AGAP003021-PB	C10(Carbamidomethyl)	68	2.12E-06	1	2195.099	3.48	Malpighian tubule	2R:+:31213870-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_13211	HSSLNGCQIINYR	AGAP003021-PB	N5(Deamidated),C7(Carbamidomethyl),C7(Carbamidomethyl)	113	8.65E-11	1	1561.757	2.06	Head	2R:+:31212744-31212782	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_13344	ADDPSAYIDVVETASK	AGAP003021-PB	-	143	7.42E-14	2	1680.800	2.37	Head	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_13782	FNQLFQNGQFAEAAK	AGAP003021-PB	-	54	6.30E-05	2	1712.843	2.34	Salivary gland	2R:+:31213525-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_13904	LPVVVGGLLDVDCSEDIIK	AGAP003021-PB	C13(Carbamidomethyl)	106	2.04E-10	1	2041.092	1.61	Midgut	2R:+:31214860-31214916	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_14280	FLKENQFYDSR	AGAP003021-PB	-	54	5.65E-05	1	1446.702	0.65	Head	2R:+:31215103-31215135	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_14527	ESYIESELIYAYAR	AGAP003021-PB	-	92	1.24E-08	1	1706.832	2.77	Head	2R:+:31215922-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_15283	TSIDAFDNFDNIALAQK	AGAP003021-PB	-	119	2.05E-11	1	1882.917	-0.82	Head	2R:+:31216870-31216920	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_15371	NNRPAEGALQTR	AGAP003021-PB	-	82	7.50E-08	1	1326.682	-3.99	Head	2R:+:31214140-31214175	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_15387	ADDPSAYIDVVETASK	AGAP003021-PB	-	124	7.21E-12	2	1680.801	2.88	Midgut	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_15843	ALIDLFESFK	AGAP003021-PB	-	90	8.41E-09	1	1182.640	-0.11	Salivary gland	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_15964	NNLSGAEDLFVR	AGAP003021-PB	-	80	1.98E-07	2	1334.668	-1.19	Midgut	2R:+:31213486-31213521	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_16125	AQLQQGLVK	AGAP003021-PB	-	62	4.80E-06	1	984.587	3.31	Malpighian tubule	2R:+:31215766-31215792	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_16356	VIGAMQLYSVER	AGAP003021-PB	M5(Oxidation)	89	1.75E-08	1	1381.712	-1.55	Midgut	2R:+:31212952-31212987	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_16412	DAELWAEVLSEANPYKR	AGAP003021-PB	-	47	0.000325473	1	1990.996	4.63	Malpighian tubule	2R:+:31215280-31215330	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_16570	LECSEELGDLVKPSDPTLALSIYLR	AGAP003021-PB	C3(Carbamidomethyl)	103	3.54E-10	1	2818.471	5.77	Malpighian tubule	2R:+:31213795-31213869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_17100	EAIDSYIKADDPSAYIDVVETASK	AGAP003021-PB	-	55	5.23E-05	1	2600.275	5.15	Head	2R:+:31215793-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_17323	ISGDTIFVTAPHESSGGIIGVNR	AGAP003021-PB	-	147	2.50E-14	1	2327.202	1.32	Head	2R:+:31213315-31213383	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_17343	HELTEFR	AGAP003021-PB	-	50	0.000123065	1	931.458	-5.63	Head	2R:+:31216930-31216950	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_17865	LHIIEVGTPPAGNVAFTKK	AGAP003021-PB	-	74	1.35E-07	1	1992.126	-0.82	Ovary	2R:+:31213105-31213161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_18630	AQLQQGLVK	AGAP003021-PB	-	42	0.000450095	1	984.584	0.27	Pupa	2R:+:31215766-31215792	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_19133	VANIELYYK	AGAP003021-PB	-	59	1.35E-05	2	1112.599	0.68	Pupa	2R:+:31216618-31216644	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_20059	IYIDSNNNPER	AGAP003021-PB	-	64	5.84E-06	2	1334.633	-0.25	Pupa	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_20089	HSSLNGCQIINYR	AGAP003021-PB	N5(Deamidated),C7(Carbamidomethyl),C7(Carbamidomethyl)	80	1.52E-07	2	1561.762	4.8	Salivary gland	2R:+:31212744-31212782	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_20163	GQFSTDELVEEVEK	AGAP003021-PB	-	84	5.78E-08	2	1609.768	5.13	Malpighian tubule	2R:+:31214938-31214979	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_20647	LECSEELGDLVKPSDPTLALSIYLR	AGAP003021-PB	C3(Carbamidomethyl)	132	5.03E-13	1	2818.463	2.91	Head	2R:+:31213795-31213869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_21808	VIQCFAETGQFQK	AGAP003021-PB	C4(Carbamidomethyl)	95	4.93E-09	1	1555.757	-0.34	Midgut	2R:+:31213888-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_22154	ESYIESELIYAYAR	AGAP003021-PB	-	98	3.14E-09	1	1706.833	3.63	Malpighian tubule	2R:+:31215922-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_22308	LLLPWLESR	AGAP003021-PB	-	47	9.46E-05	2	1126.663	0.82	Visceras	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_22437	IVLDSSVFSDHR	AGAP003021-PB	-	89	2.46E-08	1	1374.703	1.39	Ovary	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_22527	ELIAVCNENSLFK	AGAP003021-PB	C6(Carbamidomethyl)	71	1.41E-06	2	1536.775	1.61	Ovary	2R:+:31215211-31215249	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_22882	DAELWAEVLSEANPYKR	AGAP003021-PB	-	70	1.70E-06	1	1990.992	2.7	Pupa	2R:+:31215280-31215330	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_22919	VIGAMQLYSVER	AGAP003021-PB	M5(Oxidation)	65	3.53E-06	2	1381.717	1.71	Male reproductive organs	2R:+:31212952-31212987	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_22957	VANIELYYK	AGAP003021-PB	-	55	3.05E-05	2	1112.600	0.89	Head	2R:+:31216618-31216644	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_23333	EVCFACVDAEEFR	AGAP003021-PB	C3(Carbamidomethyl), C6(Carbamidomethyl)	71	3.01E-07	2	1631.688	3.05	Salivary gland	2R:+:31216189-31216227	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_23675	KAVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M19(Oxidation)	38	0.002478915	1	2678.334	2.01	Ovary	2R:+:31213159-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_23894	AINEALNGLLIDEEDYQGLR	AGAP003021-PB	-	115	3.95E-11	1	2246.138	3.33	Ovary	2R:+:31216810-31216869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_24008	ALEHYTDLYDIK	AGAP003021-PB	-	66	4.12E-06	1	1480.735	1.81	Midgut	2R:+:31214302-31214337	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_24681	VNYSPDYVFLLR	AGAP003021-PB	-	36	0.003372988	2	1485.775	1.02	Visceras	2R:+:31213948-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_24702	LPVVVGGLLDVDCSEDIIK	AGAP003021-PB	C13(Carbamidomethyl)	106	2.17E-10	1	2041.090	0.41	Visceras	2R:+:31214860-31214916	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_25056	KVNYSPDYVFLLR	AGAP003021-PB	-	59	1.07E-05	1	1613.873	2.52	Pupa	2R:+:31213945-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_25182	YHEQLTTK	AGAP003021-PB	-	42	0.001204145	2	1019.518	1.88	Malpighian tubule	2R:+:31214491-31214514	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_25836	YESLELCRPVLAQGR	AGAP003021-PB	C7(Carbamidomethyl)	65	4.55E-06	1	1790.925	2.01	Head	2R:+:31213714-31213758	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_25981	LLLPWLESR	AGAP003021-PB	-	65	1.47E-06	1	1126.662	0.28	Malpighian tubule	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_26010	AVSFFTK	AGAP003021-PB	-	33	0.003078872	1	799.437	2.95	Head	2R:+:31216729-31216749	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_26376	NNRPAEGALQTR	AGAP003021-PB	-	59	1.63E-05	2	1326.691	2.54	Ovary	2R:+:31214140-31214175	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_26378	VDKLEASDAER	AGAP003021-PB	-	63	8.45E-06	1	1232.609	-2.42	Pupa	2R:+:31217537-31217569	exon=> In CDS Exon 6 of transcript AGAP003021-PB
JHU_Ag_26420	AQLQQGLVK	AGAP003021-PB	-	49	9.41E-05	1	984.585	1.51	Salivary gland	2R:+:31215766-31215792	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_26734	VHEGCVEPATHNALAK	AGAP003021-PB	C5(Carbamidomethyl)	118	2.36E-11	1	1732.847	2.22	Head	2R:+:31215022-31215069	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_27689	FDFVHDLVLYLYR	AGAP003021-PB	-	82	9.34E-08	2	1699.889	2.89	Malpighian tubule	2R:+:31214767-31214805	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_27703	GQFSTDELVEEVEKR	AGAP003021-PB	-	93	8.23E-09	2	1765.866	2.99	Pupa	2R:+:31214938-31214982	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_27788	VMDYINR	AGAP003021-PB	-	36	0.002769388	1	910.446	0.9	Malpighian tubule	2R:+:31215544-31215564	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_28245	TSIDAFDNFDNIALAQK	AGAP003021-PB	Q16(Deamidated)	135	5.09E-13	1	1882.925	3.72	Ovary	2R:+:31216870-31216920	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_28547	VAAIAPK	AGAP003021-PB	-	40	0.000143861	1	669.429	-1.26	Head	2R:+:31213570-31213590	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_28642	TSIDAFDNFDNIALAQKLEK	AGAP003021-PB	-	36	0.003707732	1	2253.141	0.65	Ovary	2R:+:31216870-31216929	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_28822	GQFSTDELVEEVEK	AGAP003021-PB	-	99	1.82E-09	1	1609.761	1.11	Head	2R:+:31214938-31214979	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_28977	ELIAVCNENSLFK	AGAP003021-PB	C6(Carbamidomethyl)	65	5.03E-06	1	1536.773	0.49	Midgut	2R:+:31215211-31215249	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_29238	RPISADSAIMNPASK	AGAP003021-PB	M10(Oxidation)	56	3.78E-05	1	1573.803	1.8	Malpighian tubule	2R:+:31212501-31212545	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_29256	IVLYAK	AGAP003021-PB	-	32	0.001165424	1	706.453	3.98	Ovary	2R:+:31213927-31213944	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_29376	FNQLFQNGQFAEAAK	AGAP003021-PB	-	64	6.67E-06	2	1712.842	1.63	Malpighian tubule	2R:+:31213525-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_29505	VGETAQVVIIDMNDAQNPIR	AGAP003021-PB	M12(Oxidation)	84	5.61E-08	2	2199.116	3.97	Malpighian tubule	2R:+:31212441-31212500	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_29630	ADDPSAYIDVVETASKNDSWEDLVR	AGAP003021-PB	-	80	1.37E-07	1	2795.322	7.58	Malpighian tubule	2R:+:31215817-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_30358	LLYNNVSNFAR	AGAP003021-PB	-	74	4.50E-07	2	1310.685	0.02	Male reproductive organs	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_30456	KFNQLFQNGQFAEAAK	AGAP003021-PB	N8(Deamidated)	113	5.93E-11	1	1840.960	13.85	Salivary gland	2R:+:31213522-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_30730	EVCFACVDAEEFR	AGAP003021-PB	C3(Carbamidomethyl), C6(Carbamidomethyl)	71	3.19E-07	2	1631.686	1.93	Malpighian tubule	2R:+:31216189-31216227	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_30781	FDVNTSAIQVLIEQVNNLER	AGAP003021-PB	-	67	1.77E-06	1	2302.201	-1.04	Midgut	2R:+:31215649-31215708	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_31007	ALIDLFESFK	AGAP003021-PB	-	69	8.63E-07	1	1182.645	3.91	Ovary	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_31415	IYIDSNNNPER	AGAP003021-PB	-	81	1.18E-07	1	1334.636	1.85	Malpighian tubule	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_31671	TSIDAFDNFDNIALAQK	AGAP003021-PB	-	98	2.46E-09	1	1882.922	2.03	Visceras	2R:+:31216870-31216920	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_31829	GQCDRELIAVCNENSLFK	AGAP003021-PB	C3(Carbamidomethyl), C11(Carbamidomethyl)	35	0.004639541	1	2153.020	3.86	Malpighian tubule	2R:+:31215196-31215249	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_31984	YIEIYVQK	AGAP003021-PB	-	38	0.001100966	1	1055.581	3.24	Ovary	2R:+:31214821-31214844	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_32442	AINEALNGLLIDEEDYQGLR	AGAP003021-PB	N7(Deamidated),N3(Deamidated)	120	1.44E-11	2	2246.133	1.37	Head	2R:+:31216810-31216869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_32949	NNRPAEGALQTR	AGAP003021-PB	-	82	7.28E-08	1	1326.680	-5.52	Pupa	2R:+:31214140-31214175	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_32982	GQFSTDELVEEVEKR	AGAP003021-PB	-	82	1.28E-07	2	1765.866	2.99	Salivary gland	2R:+:31214938-31214982	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_32991	NDSWEDLVR	AGAP003021-PB	-	42	0.000640802	2	1133.524	1.86	Head	2R:+:31215865-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_33185	RDPHLACVAYER	AGAP003021-PB	C7(Carbamidomethyl)	44	0.000484007	1	1486.723	0.41	Malpighian tubule	2R:+:31215160-31215195	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_33242	FQQVPAQPGTNSPPLLQYFGILLDQGK	AGAP003021-PB	-	48	0.000109411	3	2956.552	-1.77	Midgut	2R:+:31213624-31213704	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_33376	VIQCFAETGQFQK	AGAP003021-PB	C4(Carbamidomethyl)	60	1.29E-05	1	1555.762	2.88	Pupa	2R:+:31213888-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_33436	NNRPAEGALQTR	AGAP003021-PB	-	37	0.00217119	3	1326.689	1.31	Malpighian tubule	2R:+:31214140-31214175	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_33589	IVLDSSVFSDHR	AGAP003021-PB	-	64	6.20E-06	1	1374.705	2.54	Salivary gland	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_34536	YHEQLTTK	AGAP003021-PB	-	37	0.004071557	1	1019.513	-2.55	Head	2R:+:31214491-31214514	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_34565	TLQIFNIEMKSK	AGAP003021-PB	M9(Oxidation)	40	0.000923165	2	1467.799	7.57	Malpighian tubule	2R:+:31212570-31212605	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_34881	ISGDTIFVTAPHESSGGIIGVNR	AGAP003021-PB	-	102	6.55E-10	1	2327.211	5.25	Pupa	2R:+:31213315-31213383	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_34949	ALEHYTDLYDIKR	AGAP003021-PB	-	57	3.17E-05	2	1636.835	1.46	Midgut	2R:+:31214302-31214340	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_35523	TPQTIQK	AGAP003021-PB	-	43	0.001082823	1	815.463	1.39	Malpighian tubule	2R:+:31213603-31213623	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_35752	ALIDLFESFK	AGAP003021-PB	-	76	1.87E-07	2	1182.642	1.23	Head	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_36190	VIGAMQLYSVER	AGAP003021-PB	M5(Oxidation)	79	1.86E-07	2	1381.714	-0.67	Ovary	2R:+:31212952-31212987	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_36585	VDKLEASDAER	AGAP003021-PB	-	69	2.13E-06	1	1232.613	1.25	Head	2R:+:31217537-31217569	exon=> In CDS Exon 6 of transcript AGAP003021-PB
JHU_Ag_37118	CNEPAVWSQLAR	AGAP003021-PB	C1(Carbamidomethyl)	84	4.88E-08	1	1430.685	0.63	Head	2R:+:31215730-31215765	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_38207	AVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M18(Oxidation)	55	4.94E-05	1	2550.231	-1.06	Midgut	2R:+:31213162-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_38495	LAITLVHLR	AGAP003021-PB	-	54	1.22E-06	1	1035.669	1.09	Pupa	2R:+:31216105-31216131	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_38512	NNLSGAEDLFVR	AGAP003021-PB	-	83	9.30E-08	2	1334.673	2.01	Malpighian tubule	2R:+:31213486-31213521	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_38641	ALIDLFESFK	AGAP003021-PB	-	64	3.39E-06	2	1182.640	-0.63	Visceras	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_38654	SQQLPIR	AGAP003021-PB	N-Term(Acetyl)	33	0.002484348	1	883.499	-0.41	Midgut	2R:+:31211008-31211028	exon=> In CDS Exon 1 of transcript AGAP003021-PB
JHU_Ag_39556	EAIDSYIK	AGAP003021-PB	-	36	0.003310267	2	938.482	-1.25	Ovary	2R:+:31215793-31215816	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_39653	IVLDSSVFSDHR	AGAP003021-PB	-	89	2.44E-08	1	1374.702	0.32	Midgut	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_39698	GQFSTDELVEEVEKR	AGAP003021-PB	-	98	3.28E-09	1	1765.868	4.44	Malpighian tubule	2R:+:31214938-31214982	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_40075	VHEGCVEPATHNALAK	AGAP003021-PB	C5(Carbamidomethyl)	78	2.70E-07	1	1732.855	6.73	Ovary	2R:+:31215022-31215069	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_40429	VNYSPDYVFLLR	AGAP003021-PB	-	48	0.000223705	2	1485.776	1.68	Ovary	2R:+:31213948-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_40658	DAELWAEVLSEANPYKR	AGAP003021-PB	-	150	1.65E-14	1	1990.993	2.83	Head	2R:+:31215280-31215330	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_40729	KFDVNTSAIQVLIEQVNNLER	AGAP003021-PB	-	109	9.49E-11	1	2430.310	4.51	Ovary	2R:+:31215646-31215708	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_42234	IYIDSNNNPER	AGAP003021-PB	-	72	8.51E-07	2	1334.636	1.76	Larva	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_42623	AQLQQGLVKEAIDSYIK	AGAP003021-PB	-	76	1.23E-07	1	1904.057	4.38	Malpighian tubule	2R:+:31215766-31215816	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_43027	NLQNLLILTAIK	AGAP003021-PB	N1(Deamidated), Q3(Deamidated)	85	2.79E-09	1	1353.847	0.73	Ovary	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_43753	FDVNTSAIQVLIEQVNNLER	AGAP003021-PB	-	45	0.000282762	2	2302.205	0.66	Visceras	2R:+:31215649-31215708	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_43863	ADDPSAYIDVVETASK	AGAP003021-PB	-	119	2.28E-11	1	1680.801	2.88	Salivary gland	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_44184	YDVIYLITK	AGAP003021-PB	-	48	0.000130641	1	1127.639	3.62	Head	2R:+:31213231-31213257	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_44501	LADLEEFVSGPNHADIQK	AGAP003021-PB	-	73	7.98E-07	1	1982.986	2.19	Pupa	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_44828	AHTMTEEVVFWK	AGAP003021-PB	M4(Oxidation)	72	9.94E-07	1	1493.712	1.64	Head	2R:+:31212612-31212647	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_45178	KVSQAIEGHAASFATFK	AGAP003021-PB	-	123	5.78E-12	1	1791.943	2.38	Salivary gland	2R:+:31212988-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_45325	LNKYESLELCRPVLAQGR	AGAP003021-PB	C10(Carbamidomethyl)	98	1.38E-09	1	2146.148	1.71	Head	2R:+:31213705-31213758	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_45432	AINEALNGLLIDEEDYQGLR	AGAP003021-PB	N7(Deamidated)	107	3.03E-10	2	2247.124	4.57	Salivary gland	2R:+:31216810-31216869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_45811	NLQNLLILTAIK	AGAP003021-PB	-	52	4.80E-06	2	1353.847	0.1	Male reproductive organs	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_46743	VIQCFAETGQFQK	AGAP003021-PB	C4(Carbamidomethyl)	108	2.04E-10	1	1555.761	2.02	Malpighian tubule	2R:+:31213888-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_46748	ESYIESELIYAYAR	AGAP003021-PB	-	91	1.50E-08	2	1706.829	1.05	Ovary	2R:+:31215922-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_46819	LHIIEVGTPPAGNVAFTK	AGAP003021-PB	-	64	2.26E-06	2	1864.033	0.11	Salivary gland	2R:+:31213105-31213158	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_46895	ADDPSAYIDVVETASK	AGAP003021-PB	-	90	1.74E-08	2	1680.803	3.82	Ovary	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_47162	LHIIEVGTPPAGNVAFTKK	AGAP003021-PB	-	75	9.17E-08	1	1992.132	2.3	Malpighian tubule	2R:+:31213105-31213161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_47348	LLLPWLESR	AGAP003021-PB	-	50	3.19E-05	2	1126.666	3.64	Larva	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_47850	ALEHYTDLYDIKR	AGAP003021-PB	-	97	3.01E-09	1	1636.833	-0.08	Salivary gland	2R:+:31214302-31214340	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_48050	NLILVVK	AGAP003021-PB	-	32	0.000922843	1	798.546	1.85	Malpighian tubule	2R:+:31214917-31214937	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_48563	LHIIEVGTPPAGNVAFTK	AGAP003021-PB	-	93	2.71E-09	2	1864.043	5.68	Midgut	2R:+:31213105-31213158	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_48565	VSQAIEGHAASFATFK	AGAP003021-PB	-	37	0.003141376	1	1663.848	2.6	Male reproductive organs	2R:+:31212991-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_48609	TLQIFNIEMK	AGAP003021-PB	M9(Oxidation)	77	2.02E-07	1	1252.664	2.38	Salivary gland	2R:+:31212570-31212599	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_48633	ANEFAERCNEPAVWSQLAR	AGAP003021-PB	C8(Carbamidomethyl)	78	2.52E-07	1	2248.065	3.59	Malpighian tubule	2R:+:31215709-31215765	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_48697	VDKLEASDAER	AGAP003021-PB	-	41	0.001455369	1	1232.617	4.52	Larva	2R:+:31217537-31217569	exon=> In CDS Exon 6 of transcript AGAP003021-PB
JHU_Ag_48700	AFMTADLPNELIELLEK	AGAP003021-PB	M3(Oxidation)	103	6.86E-10	1	1963.008	-0.83	Midgut	2R:+:31215406-31215456	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_48709	HNIMDFAMPYIIQVTR	AGAP003021-PB	M4(Oxidation), M8(Oxidation)	50	0.000165153	3	1980.972	2.33	Ovary	2R:+:31217371-31217409,31217513-31217521	exon=> In CDS Exon 5 and 6 of transcript AGAP003021-PB
JHU_Ag_49226	LLLPWLESR	AGAP003021-PB	-	65	1.46E-06	1	1126.663	1.15	Head	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_50075	VGETAQVVIIDMNDAQNPIR	AGAP003021-PB	M12(Oxidation)	81	1.11E-07	2	2199.112	1.86	Salivary gland	2R:+:31212441-31212500	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_50597	AFMTADLPNELIELLEK	AGAP003021-PB	M3(Oxidation)	136	2.98E-13	1	1963.021	5.76	Ovary	2R:+:31215406-31215456	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_50676	LLYNNVSNFAR	AGAP003021-PB	-	89	1.43E-08	1	1310.684	-1.19	Head	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_50724	NDSWEDLVR	AGAP003021-PB	-	56	2.67E-05	2	1133.523	0.89	Ovary	2R:+:31215865-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_51218	HNIMDFAMPYIIQVTR	AGAP003021-PB	M4(Oxidation), M8(Oxidation)	51	0.000134772	1	1980.971	2.14	Head	2R:+:31217371-31217409,31217513-31217521	exon=> In CDS Exon 5 and 6 of transcript AGAP003021-PB
JHU_Ag_51241	IVLDSSVFSDHR	AGAP003021-PB	-	69	2.23E-06	1	1374.703	0.95	Male reproductive organs	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_51448	VNYSPDYVFLLR	AGAP003021-PB	-	75	4.63E-07	1	1485.776	1.35	Malpighian tubule	2R:+:31213948-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_51459	LLEMNLMSAPQVADAILGNAMFTHYDR	AGAP003021-PB	M4(Oxidation), M7(Oxidation), M21(Oxidation)	62	7.85E-06	1	3069.447	-0.47	Midgut	2R:+:31214176-31214256	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_51880	VAAIAPK	AGAP003021-PB	-	35	0.000703427	1	669.431	2.84	Malpighian tubule	2R:+:31213570-31213590	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_52062	QLIDQVVQTALSETQDPDDISVTVK	AGAP003021-PB	-	48	0.000147389	1	2742.415	3.69	Head	2R:+:31215331-31215405	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_52273	AQLQQGLVK	AGAP003021-PB	-	35	0.002271453	2	984.582	-1.65	Head	2R:+:31215766-31215792	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_52718	ALEHYTDLYDIK	AGAP003021-PB	-	52	9.66E-05	1	1480.737	3.37	Malpighian tubule	2R:+:31214302-31214337	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_54459	YDVIYLITK	AGAP003021-PB	-	38	0.000992918	2	1127.636	0.96	Pupa	2R:+:31213231-31213257	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_54478	ELIAVCNENSLFK	AGAP003021-PB	C6(Carbamidomethyl)	35	0.004948618	2	1536.773	0.02	Malpighian tubule	2R:+:31215211-31215249	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_55149	VNYSPDYVFLLR	AGAP003021-PB	-	41	0.001172235	2	1485.775	0.77	Midgut	2R:+:31213948-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_55392	GQFSTDELVEEVEKR	AGAP003021-PB	-	94	7.29E-09	2	1765.864	2.09	Ovary	2R:+:31214938-31214982	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_55686	AINEALNGLLIDEEDYQGLR	AGAP003021-PB	N7(Deamidated)	106	3.15E-10	2	2246.142	5.29	Malpighian tubule	2R:+:31216810-31216869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_55712	NNRPAEGALQTR	AGAP003021-PB	-	64	4.39E-06	1	1326.689	1.07	Salivary gland	2R:+:31214140-31214175	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_55719	ADDPSAYIDVVETASK	AGAP003021-PB	-	77	3.55E-07	2	1680.797	0.26	Male reproductive organs	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_55948	TLQIFNIEMK	AGAP003021-PB	M9(Oxidation)	80	1.27E-07	2	1252.661	0.04	Midgut	2R:+:31212570-31212599	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_56152	NLQNLLILTAIK	AGAP003021-PB	-	46	2.13E-05	2	1353.855	6.05	Larva	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_56467	NDSWEDLVR	AGAP003021-PB	-	72	6.08E-07	2	1133.522	-0.62	Midgut	2R:+:31215865-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_56494	ANEFAER	AGAP003021-PB	-	55	4.56E-05	2	836.392	2.78	Malpighian tubule	2R:+:31215709-31215729	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_56518	VIGAMQLYSVER	AGAP003021-PB	M5(Oxidation)	80	1.29E-07	2	1381.717	1.54	Salivary gland	2R:+:31212952-31212987	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_56531	LAITLVHLR	AGAP003021-PB	-	59	3.41E-07	2	1035.668	0.5	Head	2R:+:31216105-31216131	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_57418	NNLSGAEDLFVR	AGAP003021-PB	N1(Deamidated),N2(Deamidated)	85	5.55E-08	2	1334.671	0.91	Ovary	2R:+:31213486-31213521	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_57626	NLILVVK	AGAP003021-PB	-	30	0.001403227	1	798.544	-0.6	Head	2R:+:31214917-31214937	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_58020	VDKLEASDAER	AGAP003021-PB	-	51	0.000137988	1	1232.612	0.16	Male reproductive organs	2R:+:31217537-31217569	exon=> In CDS Exon 6 of transcript AGAP003021-PB
JHU_Ag_58297	LEASDAER	AGAP003021-PB	-	43	0.000807437	2	890.421	-0.77	Head	2R:+:31217546-31217569	exon=> In CDS Exon 6 of transcript AGAP003021-PB
JHU_Ag_58571	ENQFYDSR	AGAP003021-PB	-	42	0.000244457	2	1058.452	-1.28	Midgut	2R:+:31215112-31215135	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_58624	NNLSGAEDLFVR	AGAP003021-PB	-	106	4.08E-10	1	1334.673	2.47	Head	2R:+:31213486-31213521	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_59080	LHIIEVGTPPAGNVAFTK	AGAP003021-PB	-	54	2.07E-05	2	1864.040	4.04	Malpighian tubule	2R:+:31213105-31213158	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_59222	DPHLACVAYER	AGAP003021-PB	C6(Carbamidomethyl)	34	0.003698321	1	1330.623	1.65	Midgut	2R:+:31215163-31215195	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_59422	LLLPWLESR	AGAP003021-PB	-	45	0.00011973	2	1126.664	1.8	Pupa	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_59625	TDPKQAWLLLVGISAQQNR	AGAP003021-PB	-	34	0.001286358	3	2138.187	6.95	Head	2R:+:31212783-31212816,31212929-31212951	exon=> In CDS Exon 2 and 3 of transcript AGAP003021-PB

JHU_Ag_59639	KVNYSPDYVFLLR	AGAP003021-PB	-	71	6.05E-07	1	1613.872	2.37	Head	2R:+:31213945-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_59906	TSIDAFDNFDNIALAQKLEK	AGAP003021-PB	-	36	0.004171285	1	2253.147	3.17	Pupa	2R:+:31216870-31216929	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_60308	VGETAQVVIIDMNDAQNPIR	AGAP003021-PB	M12(Oxidation)	76	3.15E-07	2	2199.108	0.42	Head	2R:+:31212441-31212500	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_60351	LAITLVHLR	AGAP003021-PB	-	48	4.80E-06	2	1035.669	2.04	Malpighian tubule	2R:+:31216105-31216131	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_60401	TSIDAFDNFDNIALAQK	AGAP003021-PB	-	150	1.71E-14	1	1882.922	2.23	Malpighian tubule	2R:+:31216870-31216920	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_60633	IYIDSNNNPER	AGAP003021-PB	-	82	8.55E-08	2	1334.633	-0.71	Midgut	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_60906	FLKENQFYDSR	AGAP003021-PB	-	54	5.80E-05	2	1446.704	1.67	Salivary gland	2R:+:31215103-31215135	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_62200	VSQAIEGHAASFATFK	AGAP003021-PB	-	113	7.57E-11	1	1663.850	3.45	Salivary gland	2R:+:31212991-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_62207	EGHFKDIITK	AGAP003021-PB	-	38	0.00228623	1	1187.642	-0.11	Head	2R:+:31216588-31216617	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_62631	AHTMTEEVVFWK	AGAP003021-PB	M4(Oxidation)	49	0.000185497	1	1493.711	1.22	Salivary gland	2R:+:31212612-31212647	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_62798	ELSTLFCFAVR	AGAP003021-PB	C7(Carbamidomethyl)	70	1.35E-06	2	1342.682	-0.38	Head	2R:+:31213054-31213086	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_63239	YIQAACK	AGAP003021-PB	C6(Carbamidomethyl)	37	0.001862799	1	853.427	3.54	Malpighian tubule	2R:+:31214617-31214637	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_63624	EFQGAVDGAR	AGAP003021-PB	-	74	6.06E-07	2	1049.501	-0.55	Midgut	2R:+:31216132-31216161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_63921	ADDPSAYIDVVETASK	AGAP003021-PB	-	115	5.41E-11	2	1680.801	2.51	Malpighian tubule	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_64277	EFQGAVDGAR	AGAP003021-PB	-	61	1.28E-05	1	1049.503	1.38	Head	2R:+:31216132-31216161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_64639	LNKYESLELCRPVLAQGR	AGAP003021-PB	C10(Carbamidomethyl)	105	2.58E-10	1	2146.152	3.69	Salivary gland	2R:+:31213705-31213758	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_64923	YESLELCRPVLAQGR	AGAP003021-PB	C7(Carbamidomethyl)	57	2.45E-05	1	1790.931	5.38	Salivary gland	2R:+:31213714-31213758	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_64950	HSSLNGCQIINYR	AGAP003021-PB	N5(Deamidated), C7(Carbamidomethyl)	68	2.59E-06	2	1562.752	9.25	Ovary	2R:+:31212744-31212782	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_64989	ISGDTIFVTAPHESSGGIIGVNR	AGAP003021-PB	-	123	5.68E-12	1	2327.200	0.22	Midgut	2R:+:31213315-31213383	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_65215	TLQIFNIEMK	AGAP003021-PB	M9(Oxidation)	53	5.59E-05	2	1252.661	0.43	Male reproductive organs	2R:+:31212570-31212599	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_66159	ALEHYTDLYDIKR	AGAP003021-PB	-	64	5.62E-06	1	1636.840	4.06	Malpighian tubule	2R:+:31214302-31214340	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_66315	GQFSTDELVEEVEKR	AGAP003021-PB	-	77	4.09E-07	2	1765.865	2.44	Male reproductive organs	2R:+:31214938-31214982	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_66360	VANIELYYK	AGAP003021-PB	-	62	6.71E-06	2	1112.599	0.24	Salivary gland	2R:+:31216618-31216644	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_66367	EHLELFWSR	AGAP003021-PB	-	47	0.000299004	2	1216.612	1.03	Salivary gland	2R:+:31216426-31216452	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_66515	LLLPWLESR	AGAP003021-PB	-	51	3.70E-05	2	1126.662	-0.37	Midgut	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_66823	NNLSGAEDLFVR	AGAP003021-PB	-	57	3.49E-05	2	1334.670	-0.28	Male reproductive organs	2R:+:31213486-31213521	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_67715	NLILVVK	AGAP003021-PB	-	30	0.001300553	1	798.546	1.77	Ovary	2R:+:31214917-31214937	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_67748	ELIAVCNENSLFK	AGAP003021-PB	C6(Carbamidomethyl)	69	2.00E-06	1	1536.776	1.92	Head	2R:+:31215211-31215249	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_68027	EVCFACVDAEEFR	AGAP003021-PB	C3(Carbamidomethyl), C6(Carbamidomethyl)	68	5.76E-07	2	1631.689	3.42	Ovary	2R:+:31216189-31216227	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_68447	NDSWEDLVR	AGAP003021-PB	-	73	4.97E-07	2	1133.524	1.43	Malpighian tubule	2R:+:31215865-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_68477	LLYNNVSNFAR	AGAP003021-PB	-	80	1.12E-07	1	1310.686	0.95	Malpighian tubule	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_68651	QLIDQVVQTALSETQDPDDISVTVK	AGAP003021-PB	-	62	6.19E-06	2	2742.422	6.45	Malpighian tubule	2R:+:31215331-31215405	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_68811	SYEGLFYFLGSIVNFSQDPEVHFK	AGAP003021-PB	-	46	0.000349213	3	2823.369	0.91	Midgut	2R:+:31214545-31214616	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_68856	VANIELYYK	AGAP003021-PB	-	42	0.000617448	2	1112.600	1.55	Malpighian tubule	2R:+:31216618-31216644	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_68868	AHIAQLCEK	AGAP003021-PB	C7(Carbamidomethyl)	66	2.39E-06	1	1069.546	0.35	Malpighian tubule	2R:+:31214257-31214283	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_69023	ALIDLFESFK	AGAP003021-PB	-	45	0.000253796	2	1182.641	0.71	Male reproductive organs	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_69084	KFDVNTSAIQVLIEQVNNLER	AGAP003021-PB	-	69	1.12E-06	1	2430.300	0.29	Midgut	2R:+:31215646-31215708	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_69303	YIEIYVQK	AGAP003021-PB	-	57	1.31E-05	1	1055.579	1.39	Salivary gland	2R:+:31214821-31214844	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_69380	KFNQLFQNGQFAEAAK	AGAP003021-PB	-	57	2.82E-05	2	1840.936	0.86	Ovary	2R:+:31213522-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_69773	EKVGETAQVVIIDMNDAQNPIR	AGAP003021-PB	M14(Oxidation)	50	0.000116381	1	2456.254	3.77	Malpighian tubule	2R:+:31212435-31212500	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_71004	LLYNNVSNFAR	AGAP003021-PB	-	85	4.08E-08	1	1310.687	1.32	Ovary	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_71479	SNVPNKVIQCFAETGQFQK	AGAP003021-PB	C10(Carbamidomethyl)	97	2.69E-09	1	2195.102	4.85	Head	2R:+:31213870-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_72008	LNKYESLELCRPVLAQGR	AGAP003021-PB	C10(Carbamidomethyl)	48	0.000154756	1	2146.144	-0.08	Male reproductive organs	2R:+:31213705-31213758	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_72230	VNYSPDYVFLLR	AGAP003021-PB	-	48	0.000214373	1	1485.780	3.98	Salivary gland	2R:+:31213948-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_72947	LADLEEFVSGPNHADIQK	AGAP003021-PB	N12(Deamidated),Q17(Deamidated)	129	1.87E-12	1	1982.983	0.78	Head	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_73450	VIGAMQLYSVER	AGAP003021-PB	-	84	5.05E-08	1	1365.720	0.16	Visceras	2R:+:31212952-31212987	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_74032	KAVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M19(Oxidation)	53	6.87E-05	1	2678.336	2.9	Salivary gland	2R:+:31213159-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_74526	VIQCFAETGQFQK	AGAP003021-PB	C4(Carbamidomethyl)	108	2.06E-10	1	1555.759	0.84	Head	2R:+:31213888-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_74566	ESNCYNAER	AGAP003021-PB	C4(Carbamidomethyl)	41	0.000169215	2	1142.456	2.7	Malpighian tubule	2R:+:31214674-31214700	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_74603	LPVVVGGLLDVDCSEDIIK	AGAP003021-PB	C13(Carbamidomethyl)	106	2.00E-10	1	2041.095	2.98	Salivary gland	2R:+:31214860-31214916	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_76559	ALIDLFESFK	AGAP003021-PB	-	52	4.68E-05	1	1182.642	1.02	Larva	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_76779	ARESYIESELIYAYAR	AGAP003021-PB	-	48	0.000270228	1	1933.973	3.95	Malpighian tubule	2R:+:31215916-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_76857	LLYNNVSNFAR	AGAP003021-PB	-	80	1.14E-07	1	1310.686	0.39	Pupa	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_77570	LLLPWLESR	AGAP003021-PB	-	65	1.07E-06	1	1126.665	3.1	Ovary	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_77710	NNLSGAEDLFVR	AGAP003021-PB	-	54	7.21E-05	2	1334.671	0.82	Salivary gland	2R:+:31213486-31213521	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_78057	LPVVVGGLLDVDCSEDIIK	AGAP003021-PB	C13(Carbamidomethyl)	133	4.06E-13	1	2041.093	2.03	Head	2R:+:31214860-31214916	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_78629	LADLEEFVSGPNHADIQK	AGAP003021-PB	-	120	1.57E-11	1	1982.987	2.38	Salivary gland	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_78861	ELIAVCNENSLFK	AGAP003021-PB	C6(Carbamidomethyl)	81	1.09E-07	1	1536.781	5.58	Salivary gland	2R:+:31215211-31215249	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_78876	LTDQLPLIIVCDR	AGAP003021-PB	C11(Carbamidomethyl)	57	1.71E-05	1	1555.859	4.82	Ovary	2R:+:31214728-31214766	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_78899	VSQAIEGHAASFATFK	AGAP003021-PB	-	59	2.17E-05	1	1663.850	3.37	Malpighian tubule	2R:+:31212991-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_79016	FDVNTSAIQVLIEQVNNLER	AGAP003021-PB	-	79	1.07E-07	1	2302.220	7.02	Ovary	2R:+:31215649-31215708	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_79312	LLYNNVSNFAR	AGAP003021-PB	-	46	0.000283137	1	1310.691	4.3	Larva	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_79937	EVCFACVDAEEFR	AGAP003021-PB	C3(Carbamidomethyl), C6(Carbamidomethyl)	37	0.000746841	2	1631.683	0.28	Midgut	2R:+:31216189-31216227	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_80134	TLQIFNIEMK	AGAP003021-PB	M9(Oxidation)	69	1.37E-06	2	1252.663	1.6	Head	2R:+:31212570-31212599	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_80292	ARESYIESELIYAYAR	AGAP003021-PB	-	85	4.89E-08	1	1933.975	5.13	Head	2R:+:31215916-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_80399	AQLQQGLVK	AGAP003021-PB	-	45	0.000212963	2	984.584	0.15	Male reproductive organs	2R:+:31215766-31215792	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_80406	TGRLADLEEFVSGPNHADIQK	AGAP003021-PB	-	84	5.47E-08	1	2297.161	3.76	Malpighian tubule	2R:+:31215964-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_81225	YDVIYLITK	AGAP003021-PB	-	53	3.18E-05	2	1127.635	0.63	Midgut	2R:+:31213231-31213257	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_81331	TLQIFNIEMK	AGAP003021-PB	M9(Oxidation)	71	7.68E-07	1	1252.665	3.54	Ovary	2R:+:31212570-31212599	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_81485	KAVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M19(Oxidation)	58	2.22E-05	3	2678.340	4.34	Malpighian tubule	2R:+:31213159-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_81490	FLKENQFYDSR	AGAP003021-PB	-	51	0.000137953	2	1446.707	3.94	Ovary	2R:+:31215103-31215135	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_82593	ADDPSAYIDVVETASK	AGAP003021-PB	-	110	1.90E-10	2	1680.797	0.26	Visceras	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_82804	ADDPSAYIDVVETASKNDSWEDLVR	AGAP003021-PB	-	101	1.18E-09	1	2795.317	5.68	Head	2R:+:31215817-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_83629	IVLDSSVFSDHR	AGAP003021-PB	-	75	6.01E-07	1	1374.710	6.45	Pupa	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_84048	VMDYINR	AGAP003021-PB	M2(Oxidation)	42	0.000645315	1	926.440	-0.41	Midgut	2R:+:31215544-31215564	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_84455	CNEPAVWSQLAR	AGAP003021-PB	C1(Carbamidomethyl), N2(Deamidated)	78	1.84E-07	2	1431.671	1.47	Ovary	2R:+:31215730-31215765	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_85274	KVNYSPDYVFLLR	AGAP003021-PB	-	49	0.000112423	1	1613.870	0.64	Ovary	2R:+:31213945-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_85340	LADLEEFVSGPNHADIQK	AGAP003021-PB	-	116	3.60E-11	1	1982.987	2.69	Ovary	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_85411	NNRPAEGALQTR	AGAP003021-PB	-	54	4.87E-05	1	1326.687	-0.5	Midgut	2R:+:31214140-31214175	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_85440	FDFVHDLVLYLYR	AGAP003021-PB	-	50	0.000132915	1	1699.891	4.21	Ovary	2R:+:31214767-31214805	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_85969	NLQNLLILTAIK	AGAP003021-PB	-	99	9.66E-11	1	1353.849	1.9	Salivary gland	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_86501	AFMTADLPNELIELLEK	AGAP003021-PB	M3(Oxidation)	60	1.24E-05	2	1963.016	3.21	Salivary gland	2R:+:31215406-31215456	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_87402	NNLSGAEDLFVRK	AGAP003021-PB	-	61	9.55E-06	1	1462.770	3.25	Head	2R:+:31213486-31213524	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_87667	VSQAIEGHAASFATFK	AGAP003021-PB	-	103	8.78E-10	1	1663.845	0.51	Midgut	2R:+:31212991-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_87746	KFNQLFQNGQFAEAAK	AGAP003021-PB	-	116	3.32E-11	1	1840.942	4.24	Head	2R:+:31213522-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88168	EFQGAVDGAR	AGAP003021-PB	-	57	3.49E-05	2	1049.501	-0.43	Malpighian tubule	2R:+:31216132-31216161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88365	TSIDAFDNFDNIALAQK	AGAP003021-PB	-	94	6.32E-09	2	1882.920	0.73	Midgut	2R:+:31216870-31216920	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88400	LEKHELTEFR	AGAP003021-PB	-	46	0.000394 02	1	1301.683	-1.43	Salivary gland	2R:+:31216921-31216950	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88403	VIQCFAETGQFQK	AGAP003021-PB	C4(Carbamidomethyl)	80	1.31E-07	1	1555.759	1	Male reproductive organs	2R:+:31213888-31213926	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88456	TPQTIQK	AGAP003021-PB	-	42	0.001205 58	1	815.462	-0.03	Salivary gland	2R:+:31213603-31213623	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88490	VIGAMQLYSVER	AGAP003021-PB	M5(Oxidation)	86	2.82E-08	2	1365.723	2.21	Malpighian tubule	2R:+:31212952-31212987	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88812	GQFSTDELVEEVEK	AGAP003021-PB	-	92	9.20E-09	1	1609.767	4.75	Salivary gland	2R:+:31214938-31214979	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88875	YDVIYLITK	AGAP003021-PB	-	69	1.13E-06	1	1127.639	3.66	Salivary gland	2R:+:31213231-31213257	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_88919	HSSLNGCQIINYR	AGAP003021-PB	N5(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	67	3.56E-06	2	1561.757	1.75	Malpighian tubule	2R:+:31212744-31212782	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_89566	LAITLVHLR	AGAP003021-PB	-	68	4.58E-08	1	1035.668	0.86	Ovary	2R:+:31216105-31216131	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_89729	LLLPWLESR	AGAP003021-PB	-	42	0.000313 864	2	1126.663	0.72	Salivary gland	2R:+:31214995-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_89895	VIALKAQK	AGAP003021-PB	-	39	0.000303 696	1	870.579	2.42	Malpighian tubule	2R:+:31212546-31212569	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_90139	KFNQLFQNGQFAEAAK	AGAP003021-PB	-	75	3.64E-07	2	1840.943	4.9	Malpighian tubule	2R:+:31213522-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_90722	IYIDSNNNPER	AGAP003021-PB	-	53	6.42E-05	2	1334.634	0.66	Ovary	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_91409	LAITLVHLREFQGAVDGAR	AGAP003021-PB	-	102	2.46E-10	1	2066.161	4.83	Malpighian tubule	2R:+:31216105-31216161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_91466	YESLELCRPVLAQGR	AGAP003021-PB	C7(Carbamidomethyl)	47	0.000277 545	1	1790.929	3.99	Ovary	2R:+:31213714-31213758	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_91600	LLYNNVSNFAR	AGAP003021-PB	-	80	1.26E-07	1	1310.685	-0.54	Midgut	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_92162	IVLDSSVFSDHRNLQNLLILTAIK	AGAP003021-PB	-	48	2.24E-05	1	2709.537	2.72	Head	2R:+:31215457-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_92223	LHIIEVGTPPAGNVAFTK	AGAP003021-PB	-	79	7.08E-08	2	1864.033	0.04	Ovary	2R:+:31213105-31213158	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_92231	KVSQAIEGHAASFATFK	AGAP003021-PB	-	58	2.04E-05	1	1791.942	1.76	Malpighian tubule	2R:+:31212988-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_92406	LTDQLPLIIVCDR	AGAP003021-PB	C11(Carbamidomethyl)	83	3.84E-08	1	1555.857	3.8	Salivary gland	2R:+:31214728-31214766	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_92953	LLYNNVSNFAR	AGAP003021-PB	-	70	1.24E-06	1	1310.685	0.02	Salivary gland	2R:+:31216072-31216104	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_93200	FLKENQFYDSR	AGAP003021-PB	-	38	0.002536 982	2	1446.698	-2.13	Midgut	2R:+:31215103-31215135	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_93345	ESYIESELIYAYAR	AGAP003021-PB	-	98	3.20E-09	1	1706.829	1.05	Midgut	2R:+:31215922-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_93587	AVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M18(Oxidation)	49	0.000205 359	2	2550.242	3.53	Malpighian tubule	2R:+:31213162-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_93675	IVLDSSVFSDHR	AGAP003021-PB	-	68	2.81E-06	2	1374.703	1.39	Malpighian tubule	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_94039	LTDQLPLIIVCDR	AGAP003021-PB	C11(Carbamidomethyl)	63	4.62E-06	1	1555.855	2.15	Head	2R:+:31214728-31214766	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_94857	VSQAIEGHAASFATFK	AGAP003021-PB	-	51	0.000125842	1	1663.852	5.02	Ovary	2R:+:31212991-31213038	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_94935	FQQVPAQPGTNSPPLLQYFGILLDQGK	AGAP003021-PB	-	44	0.00028478	3	2956.560	0.96	Salivary gland	2R:+:31213624-31213704	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_94974	RPISADSAIMNPASK	AGAP003021-PB	M10(Oxidation)	90	1.70E-08	1	1573.804	2.39	Head	2R:+:31212501-31212545	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_95366	ALEHYTDLYDIK	AGAP003021-PB	-	92	9.00E-09	1	1480.735	2.3	Salivary gland	2R:+:31214302-31214337	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_95401	ALEHYTDLYDIK	AGAP003021-PB	-	81	1.43E-07	1	1480.740	5.52	Ovary	2R:+:31214302-31214337	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_95408	ENQFYDSR	AGAP003021-PB	-	49	6.23E-05	2	1058.455	0.91	Malpighian tubule	2R:+:31215112-31215135	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_95550	KVNYSPDYVFLLR	AGAP003021-PB	-	59	9.37E-06	1	1613.869	0.14	Midgut	2R:+:31213945-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_95733	GQFSTDELVEEVEKR	AGAP003021-PB	-	114	7.69E-11	1	1765.864	1.95	Head	2R:+:31214938-31214982	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_96278	AVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M18(Oxidation)	47	0.000342853	2	2550.249	6.21	Salivary gland	2R:+:31213162-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_96412	AHMGMFTELAILYSK	AGAP003021-PB	M3(Oxidation), M5(Oxidation)	59	1.90E-05	1	1743.853	5	Malpighian tubule	2R:+:31216360-31216404	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_96436	RDPHLACVAYER	AGAP003021-PB	C7(Carbamidomethyl)	71	1.15E-06	1	1486.718	-2.66	Head	2R:+:31215160-31215195	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_96740	AFMTADLPNELIELLEK	AGAP003021-PB	-	59	1.69E-05	1	1947.018	1.94	Visceras	2R:+:31215406-31215456	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_97116	NLQNLLILTAIK	AGAP003021-PB	-	89	1.04E-09	2	1353.849	1.72	Pupa	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_97877	ADDPSAYIDVVETASK	AGAP003021-PB	-	89	2.08E-08	2	1680.799	1.28	Pupa	2R:+:31215817-31215864	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_98005	VDKLEASDAER	AGAP003021-PB	-	72	1.14E-06	1	1232.615	2.63	Malpighian tubule	2R:+:31217537-31217569	exon=> In CDS Exon 6 of transcript AGAP003021-PB
JHU_Ag_98019	LLEMNLMSAPQVADAILGNAMFTHYDR	AGAP003021-PB	M4(Oxidation), M7(Oxidation), M21(Oxidation)	54	5.47E-05	1	3069.453	1.56	Salivary gland	2R:+:31214176-31214256	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_98328	ELIAVCNENSLFK	AGAP003021-PB	C6(Carbamidomethyl)	44	0.000664535	1	1536.773	0.34	Male reproductive organs	2R:+:31215211-31215249	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_98483	LADLEEFVSGPNHADIQK	AGAP003021-PB	-	105	4.42E-10	1	1982.987	2.32	Malpighian tubule	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_98522	RDAELWAEVLSEANPYK	AGAP003021-PB	-	36	0.003849436	1	1990.985	-0.98	Midgut	2R:+:31215277-31215327	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_98629	ISGDTIFVTAPHESSGGIIGVNR	AGAP003021-PB	-	142	7.64E-14	1	2327.202	1.24	Ovary	2R:+:31213315-31213383	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_99012	NLQNLLILTAIK	AGAP003021-PB	-	87	1.90E-09	2	1353.854	5.69	Malpighian tubule	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_99576	ALEHYTDLYDIKR	AGAP003021-PB	-	49	0.000213538	1	1636.833	-0.04	Male reproductive organs	2R:+:31214302-31214340	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_99622	ALIDLFESFK	AGAP003021-PB	-	83	4.35E-08	2	1182.642	1.02	Midgut	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_99752	AVDVFFPPEAQSDFPVAMQVSPR	AGAP003021-PB	M18(Oxidation)	136	4.33E-13	1	2550.245	4.49	Ovary	2R:+:31213162-31213230	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_99880	TSIDAFDNFDNIALAQKLEK	AGAP003021-PB	-	40	0.001560692	1	2253.149	3.98	Malpighian tubule	2R:+:31216870-31216929	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_100085	ISGDTIFVTAPHESSGGIIGVNR	AGAP003021-PB	-	143	5.38E-14	1	2327.206	2.81	Malpighian tubule	2R:+:31213315-31213383	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_100835	VANIELYYK	AGAP003021-PB	-	53	4.55E-05	1	1112.602	3.31	Ovary	2R:+:31216618-31216644	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_101039	TLQIFNIEMK	AGAP003021-PB	M9(Oxidation)	56	2.43E-05	2	1252.663	1.99	Malpighian tubule	2R:+:31212570-31212599	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_101833	LAITLVHLR	AGAP003021-PB	-	56	7.84E-07	2	1035.667	0.03	Salivary gland	2R:+:31216105-31216131	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_101838	NNLSGAEDLFVRK	AGAP003021-PB	-	44	0.000484583	2	1462.768	1.92	Ovary	2R:+:31213486-31213524	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_101926	TNQIKEVER	AGAP003021-PB	-	65	6.11E-06	1	1116.603	2.36	Malpighian tubule	2R:+:31214638-31214664	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_102407	EFQGAVDGAR	AGAP003021-PB	-	57	3.00E-05	2	1049.498	-3.34	Pupa	2R:+:31216132-31216161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_102537	ISGDTIFVTAPHESSGGIIGVNR	AGAP003021-PB	-	113	5.32E-11	1	2327.201	0.77	Visceras	2R:+:31213315-31213383	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_102661	KVNYSPDYVFLLR	AGAP003021-PB	-	63	4.70E-06	1	1613.871	1.38	Malpighian tubule	2R:+:31213945-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_102698	YIEIYVQK	AGAP003021-PB	-	39	0.000894458	1	1055.578	0.42	Head	2R:+:31214821-31214844	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_103034	AINEALNGLLIDEEDYQGLR	AGAP003021-PB	-	79	1.50E-07	2	2246.132	0.83	Visceras	2R:+:31216810-31216869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_103111	ISGDTIFVTAPHESSGGIIGVNRK	AGAP003021-PB	-	88	1.38E-08	1	2455.294	0.03	Ovary	2R:+:31213315-31213386	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_103501	RPISADSAIMNPASK	AGAP003021-PB	M10(Oxidation)	68	3.04E-06	1	1573.802	1.08	Salivary gland	2R:+:31212501-31212545	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_103907	VAAIAPK	AGAP003021-PB	-	25	0.004008144	1	669.429	-0.8	Ovary	2R:+:31213570-31213590	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_103985	DAELWAEVLSEANPYKR	AGAP003021-PB	-	150	1.63E-14	1	1990.990	1.36	Visceras	2R:+:31215280-31215330	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_104305	KFDVNTSAIQVLIEQVNNLER	AGAP003021-PB	-	71	5.20E-07	1	2430.313	5.94	Salivary gland	2R:+:31215646-31215708	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_104736	LHIIEVGTPPAGNVAFTK	AGAP003021-PB	-	100	5.74E-10	2	1864.036	1.68	Head	2R:+:31213105-31213158	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_104837	LHIIEVGTPPAGNVAFTK	AGAP003021-PB	-	50	5.18E-05	2	1864.037	2.01	Visceras	2R:+:31213105-31213158	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_106482	FLKENQFYDSR	AGAP003021-PB	-	41	0.001126498	2	1446.707	3.69	Malpighian tubule	2R:+:31215103-31215135	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_106494	NLILVVK	AGAP003021-PB	-	40	0.000153507	2	798.544	-0.54	Midgut	2R:+:31214917-31214937	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_107560	YDVIYLITK	AGAP003021-PB	-	61	6.90E-06	2	1127.640	4.31	Ovary	2R:+:31213231-31213257	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_107610	TSIDAFDNFDNIALAQK	AGAP003021-PB	-	123	7.13E-12	1	1882.921	1.64	Pupa	2R:+:31216870-31216920	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_107940	IYIDSNNNPER	AGAP003021-PB	-	48	0.000228172	2	1334.635	1.12	Male reproductive organs	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_108103	IVLDSSVFSDHR	AGAP003021-PB	-	59	2.32E-05	2	1374.707	4.14	Larva	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_108280	VANIELYYK	AGAP003021-PB	-	46	0.000258486	2	1112.600	0.79	Midgut	2R:+:31216618-31216644	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_108525	ISGDTIFVTAPHESSGGIIGVNR	AGAP003021-PB	-	101	9.02E-10	1	2327.201	0.69	Salivary gland	2R:+:31213315-31213383	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_108825	NLQNLLILTAIK	AGAP003021-PB	-	91	6.79E-10	2	1353.847	0.46	Midgut	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_109136	NLQNLLILTAIK	AGAP003021-PB	-	77	1.78E-08	2	1353.847	0.46	Visceras	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_109200	IVLDSSVFSDHR	AGAP003021-PB	-	39	0.002135379	1	1374.702	0.2	Head	2R:+:31215457-31215492	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_109358	IAAYLYKGNNR	AGAP003021-PB	-	67	1.89E-06	1	1282.695	3.29	Malpighian tubule	2R:+:31216954-31216975,31217060-31217070	exon=> In CDS Exon 3 and 4 of transcript AGAP003021-PB
JHU_Ag_109425	AHMGMFTELAILYSK	AGAP003021-PB	M3(Oxidation), M5(Oxidation)	52	0.000108 59	3	1743.847	1.64	Head	2R:+:31216360-31216404	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_109463	KFDVNTSAIQVLIEQVNNLER	AGAP003021-PB	-	122	4.71E-12	1	2430.309	4.06	Malpighian tubule	2R:+:31215646-31215708	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_109612	EFQGAVDGAR	AGAP003021-PB	-	69	1.87E-06	2	1049.504	2.36	Salivary gland	2R:+:31216132-31216161	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_109940	NDSWEDLVR	AGAP003021-PB	-	42	0.000575 159	2	1133.526	3.48	Pupa	2R:+:31215865-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_110177	NLQNLLILTAIK	AGAP003021-PB	-	95	2.44E-10	1	1353.850	2.35	Head	2R:+:31215493-31215528	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_110416	VKNFLK	AGAP003021-PB	-	30	0.001179 5	2	748.474	2.51	Malpighian tubule	2R:+:31214701-31214718	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_110759	LKLLLPWLESR	AGAP003021-PB	-	26	0.002933 545	2	1367.846	3.29	Head	2R:+:31214989-31215021	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_112387	LADLEEFVSGPNHADIQK	AGAP003021-PB	-	82	9.37E-08	1	1982.986	2.29	Male reproductive organs	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_112495	EGESTEHK	AGAP003021-PB	-	33	0.001850 557	2	916.401	-0.09	Midgut	2R:+:31217576-31217599	exon=> In CDS Exon 6 of transcript AGAP003021-PB
JHU_Ag_113339	EAIDSYIK	AGAP003021-PB	-	39	0.001642 768	2	938.485	2.13	Malpighian tubule	2R:+:31215793-31215816	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_113378	EAIDSYIK	AGAP003021-PB	-	32	0.008405 746	1	938.485	2.54	Head	2R:+:31215793-31215816	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_113565	FNQLFQNGQFAEAAK	AGAP003021-PB	-	62	1.08E-05	2	1712.842	1.77	Ovary	2R:+:31213525-31213569	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_113683	IYIDSNNNPER	AGAP003021-PB	-	62	9.49E-06	1	1334.638	3.22	Salivary gland	2R:+:31215070-31215102	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_114178	EHLELFWSR	AGAP003021-PB	-	47	0.000303 092	1	1216.611	-0.18	Midgut	2R:+:31216426-31216452	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_114319	VIALK	AGAP003021-PB	-	34	0.001331 352	1	543.387	1.54	Malpighian tubule	2R:+:31212546-31212560	exon=> In CDS Exon 2 of transcript AGAP003021-PB
JHU_Ag_114335	DAELWAEVLSEANPYKR	AGAP003021-PB	-	65	5.04E-06	2	1990.995	3.93	Ovary	2R:+:31215280-31215330	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_114422	LADLEEFVSGPNHADIQK	AGAP003021-PB	Q17(Deamidated)	116	4.18E-11	1	1982.986	2.02	Midgut	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_114439	NDSWEDLVR	AGAP003021-PB	-	70	8.79E-07	2	1133.525	2.29	Salivary gland	2R:+:31215865-31215891	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_114534	YESLELCRPVLAQGR	AGAP003021-PB	C7(Carbamidomethyl)	42	0.000974 263	1	1790.924	0.98	Malpighian tubule	2R:+:31213714-31213758	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_114684	FQQVPAQPGTNSPPLLQYFGILLDQGK	AGAP003021-PB	-	44	0.000246 631	3	2956.573	5.48	Ovary	2R:+:31213624-31213704	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_115052	LECSEELGDLVKPSDPTLALSIYLR	AGAP003021-PB	C3(Carbamidomethyl)	102	5.67E-10	1	2818.456	0.7	Visceras	2R:+:31213795-31213869	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_115090	ALIDLFESFK	AGAP003021-PB	-	82	4.95E-08	2	1182.642	1.23	Pupa	2R:+:31214515-31214544	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_115481	KVNYSPDYVFLLR	AGAP003021-PB	-	49	9.59E-05	1	1613.879	6.38	Salivary gland	2R:+:31213945-31213983	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_116039	AHMGMFTELAILYSK	AGAP003021-PB	M3(Oxidation), M5(Oxidation)	71	1.41E-06	1	1743.849	2.59	Salivary gland	2R:+:31216360-31216404	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_116134	NNLSGAEDLFVRK	AGAP003021-PB	-	101	1.07E-09	1	1462.764	-0.42	Malpighian tubule	2R:+:31213486-31213524	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_116165	AINEALNGLLIDEEDYQGLR	AGAP003021-PB	N7(Deamidated)	98	2.01E-09	2	2247.120	2.84	Pupa	2R:+:31216810-31216869	exon=> In CDS Exon 3 of transcript AGAP003021-PB

JHU_Ag_116320	LADLEEFVSGPNHADIQK	AGAP003021-PB	-	54	5.35E-05	1	1982.991	4.59	Visceras	2R:+:31215973-31216026	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_116713	LPVVVGGLLDVDCSEDIIK	AGAP003021-PB	C13(Carbamidomethyl)	57	1.84E-05	2	2041.092	1.67	Pupa	2R:+:31214860-31214916	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_116759	ESYIESELIYAYAR	AGAP003021-PB	-	97	4.16E-09	1	1706.839	6.7	Salivary gland	2R:+:31215922-31215963	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_116999	GQFSTDELVEEVEKR	AGAP003021-PB	-	84	7.66E-08	1	1765.855	-3.16	Midgut	2R:+:31214938-31214982	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_117627	AVSFFTK	AGAP003021-PB	-	39	0.000987783	1	799.436	1.11	Malpighian tubule	2R:+:31216729-31216749	exon=> In CDS Exon 3 of transcript AGAP003021-PB
JHU_Ag_26872	YDQNPEQAVENYFESK	AGAP003022-PA	-	82	3.68E-08	1	1960.854	-0.92	Male reproductive organs	2R:-:31223204-31223157	exon=> In CDS Exon 1 of transcript AGAP003022-PA
JHU_Ag_109640	YEETINQFEPFEK	AGAP003022-PA	-	48	0.000206495	2	1673.770	0.62	Male reproductive organs	2R:-:31222619-31222712,31222424-31222500	exon=> In CDS Exon 4 and 3 of transcript AGAP003022-PA
JHU_Ag_755	HQHIAVVSQSVTQYLK	AGAP003023-PA	-	50	7.53E-05	2	1837.995	1.75	Visceras	2R:-:31227475-31227428	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_1373	DIMEDAIDNK	AGAP003023-PA	M3(Oxidation)	36	0.001683963	2	1179.523	2.34	Head	2R:-:31226831-31226802	exon=> In CDS Exon 7 of transcript AGAP003023-PA
JHU_Ag_3798	INEHTYQMSR	AGAP003023-PA	M8(Oxidation)	62	7.79E-06	1	1294.587	2.19	Malpighian tubule	2R:-:31226879-31226850	exon=> In CDS Exon 7 of transcript AGAP003023-PA
JHU_Ag_3990	EPLPAIEAVYLITPSEDSIR	AGAP003023-PA	-	92	5.10E-09	1	2213.179	3.81	Visceras	2R:-:31229116-31229057	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_4058	SQLLILDR	AGAP003023-PA	-	57	2.45E-05	2	957.573	-0.19	Ovary	2R:-:31227664-31227641	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_4630	SQLLILDR	AGAP003023-PA	-	42	0.000672036	2	957.573	-0.06	Salivary gland	2R:-:31227664-31227641	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_5937	YSTHLHLAEDCMK	AGAP003023-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), M12(Oxidation)"	79	1.06E-07	1	1620.718	2.43	Malpighian tubule	2R:-:31227322-31227284	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_8022	ILIVDK	AGAP003023-PA	-	32	0.00114406	1	700.460	-0.98	Head	2R:-:31229303-31229286	exon=> In CDS Exon 2 of transcript AGAP003023-PA
JHU_Ag_15266	EPLPAIEAVYLITPSEDSIR	AGAP003023-PA	-	80	9.37E-08	2	2213.176	2.48	Malpighian tubule	2R:-:31229116-31229057	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_17298	NIVPILLDQNVSNYDKVR	AGAP003023-PA	-	37	0.001132015	1	2100.153	4.07	Malpighian tubule	2R:-:31227187-31227134	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_17895	AAHVFFTEVCPEELFNDICK	AGAP003023-PA	C10(Carbamidomethyl), C19(Carbamidomethyl)	94	4.94E-09	1	2426.129	5.48	Head	2R:-:31229011-31229142,31228369-31228438	exon=> In CDS Exon 4 and 3 of transcript AGAP003023-PA
JHU_Ag_18427	EPLPAIEAVYLITPSEDSIR	AGAP003023-PA	-	106	2.26E-10	1	2213.179	3.92	Head	2R:-:31229116-31229057	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_19285	INEHTYQMSR	AGAP003023-PA	M8(Oxidation)	34	0.004574671	1	1294.585	0.3	Pupa	2R:-:31226879-31226850	exon=> In CDS Exon 7 of transcript AGAP003023-PA
JHU_Ag_21403	SEWDGNVELAQMVQQK	AGAP003023-PA	M12(Oxidation)	122	9.56E-12	1	1861.879	2.07	Head	2R:-:31227860-31228007,31226993-31227722	exon=> In CDS Exon 6 and 5 of transcript AGAP003023-PA
JHU_Ag_23853	IAEQIATLCATLGEYPSVR	AGAP003023-PA	C9(Carbamidomethyl)	95	3.65E-09	1	2092.079	2.27	Visceras	2R:-:31227923-31227867	exon=> In CDS Exon 5 of transcript AGAP003023-PA
JHU_Ag_25246	NGISEENLTK	AGAP003023-PA	-	39	0.002226017	2	1104.553	0.07	Ovary	2R:-:31227106-31227077	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_26437	DFENPAKPTYK	AGAP003023-PA	-	76	3.96E-07	1	1309.641	-1.09	Pupa	2R:-:31229044-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_27301	SYQGYVDKLCR	AGAP003023-PA	C10(Carbamidomethyl)	75	4.49E-07	1	1388.668	3.53	Malpighian tubule	2R:-:31227283-31227251	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_30070	DFENPAKPTYK	AGAP003023-PA	-	51	0.000133755	1	1309.639	-2.21	Salivary gland	2R:-:31229044-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA

JHU_Ag_32774	LVTHAQIDQK	AGAP003023-PA	-	45	0.000253437	2	1152.638	0.48	Ovary	2R:-:31227076-31227047	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_33114	ILIVDK	AGAP003023-PA	-	32	0.00103536	1	700.461	0.93	Malpighian tubule	2R:-:31229303-31229286	exon=> In CDS Exon 2 of transcript AGAP003023-PA
JHU_Ag_33902	NIVPILLDQNVSNYDKVR	AGAP003023-PA	-	75	2.11E-07	1	2100.148	1.49	Ovary	2R:-:31227187-31227134	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_33903	NIVPILLDQNVSNYDK	AGAP003023-PA	-	93	4.87E-09	2	1844.979	1.89	Visceras	2R:-:31227187-31227140	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_33997	NIVPILLDQNVSNYDK	AGAP003023-PA	-	72	6.70E-07	2	1844.974	-0.69	Midgut	2R:-:31227187-31227140	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_37854	ALKLLVGQK	AGAP003023-PA	N-Term(Acetyl)	57	2.23E-06	1	1011.659	3.11	Malpighian tubule	2R:-:31230175-31230178,31229222-31229367	exon=> In CDS Exon 2 and 1 of transcript AGAP003023-PA
JHU_Ag_38620	NIVPILLDQNVSNYDK	AGAP003023-PA	-	123	5.02E-12	1	1844.980	2.35	Malpighian tubule	2R:-:31227187-31227140	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_40083	SQLLILDR	AGAP003023-PA	-	37	0.002062494	2	957.573	-0.19	Midgut	2R:-:31227664-31227641	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_44476	HQHIAVVSQSVTQYLK	AGAP003023-PA	-	105	2.38E-10	1	1837.998	3.41	Malpighian tubule	2R:-:31227475-31227428	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_47411	MHEISAEGVTLVEDINK	AGAP003023-PA	M1(Oxidation)	168	2.59E-16	1	1884.938	0.61	Head	2R:-:31229252-31229368,31228987-31229123	exon=> In CDS Exon 3 and 2 of transcript AGAP003023-PA
JHU_Ag_47954	DFENPAKPTYK	AGAP003023-PA	-	65	5.31E-06	1	1309.643	0.12	Ovary	2R:-:31229044-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_52999	MHEISAEGVTLVEDINK	AGAP003023-PA	-	59	2.13E-05	1	1884.939	0.8	Ovary	2R:-:31229252-31229368,31228987-31229123	exon=> In CDS Exon 3 and 2 of transcript AGAP003023-PA
JHU_Ag_53212	IAEQIATLCATLGEYPSVR	AGAP003023-PA	C9(Carbamidomethyl)	119	1.44E-11	1	2092.082	3.43	Malpighian tubule	2R:-:31227923-31227867	exon=> In CDS Exon 5 of transcript AGAP003023-PA
JHU_Ag_55054	DFENPAKPTYK	AGAP003023-PA	-	65	5.17E-06	1	1309.643	0.68	Malpighian tubule	2R:-:31229044-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_56357	VEQDLAMGTDAEGEK	AGAP003023-PA	M7(Oxidation)	116	2.72E-11	1	1592.714	1.64	Head	2R:-:31227250-31227206	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_57565	EPLPAIEAVYLITPSEDSIR	AGAP003023-PA	-	92	5.73E-09	1	2213.172	0.72	Ovary	2R:-:31229116-31229057	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_57658	HQHIAVVSQSVTQYLK	AGAP003023-PA	-	44	0.000269121	3	1837.992	0.11	Salivary gland	2R:-:31227475-31227428	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_57872	HQHIAVVSQSVTQYLK	AGAP003023-PA	-	46	0.000177867	2	1837.990	-0.97	Ovary	2R:-:31227475-31227428	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_60338	IAEQIATLCATLGEYPSVR	AGAP003023-PA	C9(Carbamidomethyl)	101	1.15E-09	1	2092.069	-2.52	Head	2R:-:31227923-31227867	exon=> In CDS Exon 5 of transcript AGAP003023-PA
JHU_Ag_61796	YSTHLHLAEDCMK	AGAP003023-PA	C11(Carbamidomethyl), M12(Oxidation)	104	2.94E-10	1	1620.711	-2.12	Head	2R:-:31227322-31227284	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_66363	NIVPILLDQNVSNYDKVR	AGAP003023-PA	-	75	2.00E-07	1	2100.151	2.77	Head	2R:-:31227187-31227134	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_66792	REPLPAIEAVYLITPSEDSIR	AGAP003023-PA	-	31	0.005154422	1	2369.279	3.25	Malpighian tubule	2R:-:31229119-31229057	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_68448	INEHTYQMSR	AGAP003023-PA	M8(Oxidation)	68	1.80E-06	1	1278.587	-2.24	Head	2R:-:31226879-31226850	exon=> In CDS Exon 7 of transcript AGAP003023-PA
JHU_Ag_69020	SQLLILDR	AGAP003023-PA	-	59	1.54E-05	1	957.575	1.85	Head	2R:-:31227664-31227641	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_71064	NGISEENLTK	AGAP003023-PA	-	51	0.000171338	1	1104.555	1.91	Head	2R:-:31227106-31227077	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_71440	SYQGYVDK	AGAP003023-PA	-	36	0.001401254	1	959.448	0.7	Head	2R:-:31227283-31227260	exon=> In CDS Exon 6 of transcript AGAP003023-PA

JHU_Ag_72709	REPLPAIEAVYLITPSEDSIR	AGAP003023-PA	-	35	0.002224231	1	2369.278	2.94	Head	2R:-:31229119-31229057	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_73019	LLMRDFENPAKPTYK	AGAP003023-PA	-	76	2.57E-07	1	1822.955	1.58	Malpighian tubule	2R:-:31229056-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_80146	DFENPAKPTYK	AGAP003023-PA	-	59	2.07E-05	1	1309.643	0.68	Visceras	2R:-:31229044-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_86267	HQHIAVVSQSVTQYLK	AGAP003023-PA	Q2(Deamidated)	127	1.42E-12	1	1837.997	2.48	Head	2R:-:31227475-31227428	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_86625	LVTHAQIDQK	AGAP003023-PA	-	70	8.62E-07	1	1152.639	1.75	Head	2R:-:31227076-31227047	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_86999	TKSDGKPGTEWR	AGAP003023-PA	-	52	0.000102077	1	1361.675	-4.21	Malpighian tubule	2R:-:31229339-31229304	exon=> In CDS Exon 2 of transcript AGAP003023-PA
JHU_Ag_87995	IMNEVVR	AGAP003023-PA	M2(Oxidation)	51	0.000132641	1	876.463	2	Malpighian tubule	2R:-:31229366-31229346	exon=> In CDS Exon 2 of transcript AGAP003023-PA
JHU_Ag_90510	LDAYKADEPTMGEGPEK	AGAP003023-PA	M11(Oxidation)	67	2.35E-06	1	1866.847	2.32	Malpighian tubule	2R:-:31227721-31227671	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_90628	VEQDLAMGTDAEGEK	AGAP003023-PA	M7(Oxidation)	72	6.28E-07	1	1608.709	1.67	Malpighian tubule	2R:-:31227250-31227206	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_90766	AAHVFFTEVCPEELFNDICK	AGAP003023-PA	C10(Carbamidomethyl), C19(Carbamidomethyl)	81	1.00E-07	1	2426.122	2.54	Visceras	2R:-:31229011-31229142,31228369-31228438	exon=> In CDS Exon 4 and 3 of transcript AGAP003023-PA
JHU_Ag_90781	SQLLILDR	AGAP003023-PA	-	49	0.000140076	1	957.576	2.87	Malpighian tubule	2R:-:31227664-31227641	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_92211	SDGKPGTEWR	AGAP003023-PA	-	45	0.000363834	1	1132.540	1.39	Malpighian tubule	2R:-:31229333-31229304	exon=> In CDS Exon 2 of transcript AGAP003023-PA
JHU_Ag_93567	ILIVDKLAMR	AGAP003023-PA	M9(Oxidation)	78	3.28E-08	1	1187.720	1.91	Malpighian tubule	2R:-:31229303-31229274	exon=> In CDS Exon 2 of transcript AGAP003023-PA
JHU_Ag_93775	ADEPTMGEGPEK	AGAP003023-PA	M6(Oxidation)	85	1.52E-08	1	1276.536	-0.25	Head	2R:-:31227706-31227671	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_95226	IAEQIATLCATLGEYPSVR	AGAP003023-PA	C9(Carbamidomethyl)	106	3.23E-10	1	2092.075	0.05	Ovary	2R:-:31227923-31227867	exon=> In CDS Exon 5 of transcript AGAP003023-PA
JHU_Ag_96704	SQLLILDR	AGAP003023-PA	-	52	6.64E-05	2	957.573	-0.25	Male reproductive organs	2R:-:31227664-31227641	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_100036	VEQDLAMGTDAEGEK	AGAP003023-PA	M7(Oxidation)	44	0.00032322	2	1608.706	0.08	Ovary	2R:-:31227250-31227206	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_100231	ILIVDK	AGAP003023-PA	-	32	0.001095088	1	700.461	0.17	Ovary	2R:-:31229303-31229286	exon=> In CDS Exon 2 of transcript AGAP003023-PA
JHU_Ag_103211	DFENPAKPTYK	AGAP003023-PA	-	77	3.12E-07	1	1309.645	1.71	Head	2R:-:31229044-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_103717	DFENPAKPTYK	AGAP003023-PA	-	45	0.000487401	1	1309.644	1.62	Male reproductive organs	2R:-:31229044-31229012	exon=> In CDS Exon 3 of transcript AGAP003023-PA
JHU_Ag_107019	LVTHAQIDQK	AGAP003023-PA	-	69	1.03E-06	1	1152.642	4.4	Larva	2R:-:31227076-31227047	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_109342	EMIHNLIHLGINVIADGNR	AGAP003023-PA	M2(Oxidation)	119	1.12E-11	1	2145.130	2.96	Head	2R:-:31227040-31227767,31226737-31226913	exon=> In CDS Exon 7 and 6 of transcript AGAP003023-PA
JHU_Ag_115956	NIVPILLDQNVSNYDK	AGAP003023-PA	-	112	6.86E-11	1	1844.981	3.28	Head	2R:-:31227187-31227140	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_116686	ADEPTMGEGPEK	AGAP003023-PA	M6(Oxidation)	28	0.006957496	1	1276.537	0.23	Ovary	2R:-:31227706-31227671	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_117712	NIVPILLDQNVSNYDK	AGAP003023-PA	-	98	1.69E-09	2	1844.977	0.76	Ovary	2R:-:31227187-31227140	exon=> In CDS Exon 6 of transcript AGAP003023-PA
JHU_Ag_15788	VAVLNKLFMK	AGAP003024-PB	-	30	0.003283219	1	1162.685	-14.55	Salivary gland	2R:+:31231363-31231392	exon=> In CDS Exon 2 of transcript AGAP003024-PB
JHU_Ag_1356	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEKK	AGAP003025-PB	M4(Oxidation)	174	5.09E-17	1	2493.256	1.88	Malpighian tubule	2R:-:31233927-31233835	exon=> In CDS Exon 1 of transcript AGAP003025-PB

JHU_Ag_1758	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEKK	AGAP003025-PB	M4(Oxidation)	89	1.68E-08	1	2509.247	0.07	Male reproductive organs	2R:-:31233927-31233835	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_9146	SIEELIASGR	AGAP003025-PB	-	66	4.61E-06	1	1074.579	-0.11	Male reproductive organs	2R:-:31233963-31233934	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_16966	ILSSVGIEADSTR	AGAP003025-PB	-	93	7.82E-09	1	1347.715	2.79	Ovary	2R:-:31234035-31233997	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_17421	SIEELIASGREK	AGAP003025-PB	-	54	5.14E-05	1	1331.720	2.48	Malpighian tubule	2R:-:31233963-31233928	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_22900	SIEELIASGR	AGAP003025-PB	-	73	9.93E-07	2	1074.580	1.03	Ovary	2R:-:31233963-31233934	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_24774	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M4(Oxidation)	90	1.66E-08	1	2381.151	-0.13	Male reproductive organs	2R:-:31233927-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_26125	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M4(Oxidation)	127	3.19E-12	2	2381.151	-0.28	Visceras	2R:-:31233927-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_26130	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M4(Oxidation)	149	2.21E-14	1	2365.162	2.08	Salivary gland	2R:-:31233927-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_26546	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEKK	AGAP003025-PB	M4(Oxidation)	193	6.81E-19	1	2509.247	0.22	Ovary	2R:-:31233927-31233835	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_27308	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M4(Oxidation)	213	7.30E-21	1	2381.152	0.03	Ovary	2R:-:31233927-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_30711	SIEELIASGR	AGAP003025-PB	-	62	1.16E-05	2	1074.580	0.8	Salivary gland	2R:-:31233963-31233934	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_32942	ILSSVGIEADSTR	AGAP003025-PB	-	70	1.61E-06	2	1347.712	0.43	Male reproductive organs	2R:-:31234035-31233997	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_36682	YVAAYLLAVLGGNAAPSNSDIEK	AGAP003025-PB	-	101	6.42E-10	1	2336.227	5.64	Visceras	2R:-:31234104-31234036	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_37725	ILSSVGIEADSTR	AGAP003025-PB	-	80	1.43E-07	2	1347.716	3.24	Midgut	2R:-:31234035-31233997	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_40696	YVAAYLLAVLGGNAAPSNSDIEK	AGAP003025-PB	-	135	3.10E-13	1	2336.223	4	Ovary	2R:-:31234104-31234036	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_43167	SIEELIASGR	AGAP003025-PB	-	66	5.31E-06	2	1074.581	1.82	Visceras	2R:-:31233963-31233934	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_49095	MRYVAAYLLAVLGGNAAPSNSDIEK	AGAP003025-PB	M1(Oxidation)	37	0.001924819	3	2639.369	7.31	Malpighian tubule	2R:-:31234110-31234036	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_51887	EKLSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M6(Oxidation)	93	7.67E-09	3	2638.292	1.06	Male reproductive organs	2R:-:31233933-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_57523	EKLSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M6(Oxidation)	148	2.42E-14	1	2638.286	-1.02	Ovary	2R:-:31233933-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_57767	EKLSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M6(Oxidation)	106	4.35E-10	1	2638.282	-2.61	Midgut	2R:-:31233933-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_59346	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEKK	AGAP003025-PB	M4(Oxidation)	140	1.45E-13	1	2509.247	0	Pupa	2R:-:31233927-31233835	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_62358	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M4(Oxidation)	181	1.19E-17	1	2381.148	-1.51	Midgut	2R:-:31233927-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_62405	MRYVAAYLLAVLGGNAAPSNSDIEK	AGAP003025-PB	M1(Oxidation)	72	7.00E-07	1	2639.350	0.02	Ovary	2R:-:31234110-31234036	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_63663	SIEELIASGR	AGAP003025-PB	-	71	1.60E-06	2	1074.581	1.82	Malpighian tubule	2R:-:31233963-31233934	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_71452	YVAAYLLAVLGGNAAPSNSDIEK	AGAP003025-PB	-	54	4.10E-05	1	2336.214	0.24	Midgut	2R:-:31234104-31234036	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_76045	ILSSVGIEADSTR	AGAP003025-PB	-	87	2.92E-08	1	1347.715	2.24	Malpighian tubule	2R:-:31234035-31233997	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_86464	YVAAYLLAVLGGNAAPSNSDIEK	AGAP003025-PB	-	82	5.93E-08	2	2336.216	1.18	Salivary gland	2R:-:31234104-31234036	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_89730	ILSSVGIEADSTR	AGAP003025-PB	-	71	1.41E-06	1	1347.712	0.34	Pupa	2R:-:31234035-31233997	exon=> In CDS Exon 1 of transcript AGAP003025-PB

JHU_Ag_91541	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M4(Oxidation)	188	2.61E-18	1	2365.157	0.22	Head	2R:-:31233927-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_94791	SIEELIASGR	AGAP003025-PB	-	65	5.21E-06	2	1074.581	2.05	Midgut	2R:-:31233963-31233934	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_99915	ILSSVGIEADSTR	AGAP003025-PB	-	89	2.34E-08	1	1347.710	-1.11	Head	2R:-:31234035-31233997	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_102801	ILSSVGIEADSTR	AGAP003025-PB	-	94	6.38E-09	1	1347.712	0.34	Salivary gland	2R:-:31234035-31233997	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_112669	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEKK	AGAP003025-PB	-	179	1.72E-17	1	2493.245	-2.75	Midgut	2R:-:31233927-31233835	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_115246	SIEELIASGR	AGAP003025-PB	-	48	0.000296515	1	1074.578	-0.95	Head	2R:-:31233963-31233934	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_116499	LSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M4(Oxidation)	219	2.28E-21	1	2365.162	2.11	Malpighian tubule	2R:-:31233927-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_117423	EKLSSMPAGGGAAAAAPAAAGGGGGAAPAAEK	AGAP003025-PB	M6(Oxidation)	98	2.60E-09	3	2638.297	2.87	Malpighian tubule	2R:-:31233933-31233838	exon=> In CDS Exon 1 of transcript AGAP003025-PB
JHU_Ag_5840	ACIAYQCVDPCSGQCGVGAQCQAK	AGAP003027-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl)	71	2.57E-07	3	2688.111	0.82	Visceras	2R:+:31243021-31243072,31243159-31243178	exon=> In CDS Exon 7 and 8 of transcript AGAP003027-PA
JHU_Ag_9300	NGNCVNPCAGVCGVNANCEVR	AGAP003027-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl),"N1(Deamidated), C4(Carbamidomethyl), C8(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)","N3(Deamidated), C4(Carbamidomethyl), C8(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)"	126	9.57E-13	1	2320.969	2.15	Head	2R:+:31240766-31240822,31240913-31240918	exon=> In CDS Exon 3 and 4 of transcript AGAP003027-PA
JHU_Ag_20882	GYIGSPFTECRPECFGDR	AGAP003027-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	92	4.46E-09	1	2147.929	0.53	Head	2R:+:31242542-31242595	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_25222	LQDPEELCRPSPCGSNTQCNVINGVPTCSCLPGYIGSPLSGCR	AGAP003027-PA	C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl), C28(Carbamidomethyl), C30(Carbamidomethyl), C42(Carbamidomethyl)	35	0.00177963	1	4807.144	-0.52	Head	2R:+:31240982-31240994,31242377-31242400	exon=> In CDS Exon 4 and 6 of transcript AGAP003027-PA
JHU_Ag_27594	AECLDHSECR	AGAP003027-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	71	1.01E-07	1	1276.499	-4.67	Head	2R:+:31240718-31240747	exon=> In CDS Exon 3 of transcript AGAP003027-PA

JHU_Ag_28184	NPCEGACGVNADCNLR	AGAP003027-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl)	131	1.73E-13	1	1806.733	0.49	Head	2R:+:31242641-31242688	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_31443	HECESDGECSSNQYCSQFK	AGAP003027-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), Q13(Deamidated), C15(Carbamidomethyl),"C 3(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)","C3(Carbamidomethyl), C9(Carbamidomethyl), N12(Deamidated), C15(Carbamidomethyl)","C3(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl), Q17(Deamidated)"	146	3.88E-16	1	2351.847	-5.37	Head	2R:+:31242401-31242457	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_32649	NPCGVGATCQETAGGRPVCSCPAGYS GNPLVQCR	AGAP003027-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl), C33(Carbamidomethyl)	202	4.92E-20	1	3637.589	1.93	Head	2R:+:31240613-31240714	exon=> In CDS Exon 3 of transcript AGAP003027-PA
JHU_Ag_35899	GLTPVCSCPR	AGAP003027-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	53	4.96E-05	2	1146.538	-1.39	Head	2R:+:31242689-31242718	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_37700	RHLAVCTCPAGTQGDALVSCR	AGAP003027-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), C20(Carbamidomethyl)	35	0.004790298	1	2329.099	1.43	Head	2R:+:31243179-31243241	exon=> In CDS Exon 8 of transcript AGAP003027-PA
JHU_Ag_39278	HECESDGECSSNQYCSQFK	AGAP003027-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	97	5.45E-11	1	2351.863	1.26	Visceras	2R:+:31242401-31242457	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_42249	SNQERPVCTCPPGYTGNALSSCVR	AGAP003027-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl)	121	7.06E-12	1	2710.221	3.08	Head	2R:+:31242827-31242898	exon=> In CDS Exon 6 of transcript AGAP003027-PA

JHU_Ag_43451	NGNCVNPCAGVCGVNANCEVR	AGAP003027-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl),"N 1(Deamidated), C4(Carbamidomethyl), C8(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)"," N3(Deamidated), C4(Carbamidomethyl), C8(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)"," C4(Carbamidomethyl), N6(Deamidated), C8(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)"	125	1.21E-12	1	2320.967	1.44	Visceras	2R:+:31240766-31240822,31240913-31240918	exon=> In CDS Exon 3 and 4 of transcript AGAP003027-PA
JHU_Ag_46421	ACIAYQCVDPCSGQCGVGAQCQAK	AGAP003027-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl)	124	1.25E-12	1	2688.111	0.48	Head	2R:+:31243021-31243072,31243159-31243178	exon=> In CDS Exon 7 and 8 of transcript AGAP003027-PA
JHU_Ag_50630	TGDPFSSCR	AGAP003027-PA	C8(Carbamidomethyl)	39	0.000542076	2	1026.431	-0.37	Head	2R:+:31240955-31240981	exon=> In CDS Exon 4 of transcript AGAP003027-PA
JHU_Ag_56950	NHVPVCSCPR	AGAP003027-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	39	0.001215067	1	1225.557	0.24	Visceras	2R:+:31240919-31240948	exon=> In CDS Exon 4 of transcript AGAP003027-PA
JHU_Ag_57875	HLAVCTCPAGTQGDALVSCR	AGAP003027-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), C19(Carbamidomethyl),"C 5(Carbamidomethyl), C7(Carbamidomethyl), Q12(Deamidated), C19(Carbamidomethyl)"	157	2.37E-15	1	2172.994	-0.4	Head	2R:+:31243182-31243241	exon=> In CDS Exon 8 of transcript AGAP003027-PA
JHU_Ag_62882	LQDPEELCRPSPCGSNTQCNVINGVPT CSCLPGYIGSPLSGCR	AGAP003027-PA	C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl), C28(Carbamidomethyl), C30(Carbamidomethyl), C42(Carbamidomethyl)	34	0.002757343	3	4807.159	2.68	Visceras	2R:+:31240982-31240994,31242377-31242400	exon=> In CDS Exon 4 and 6 of transcript AGAP003027-PA
JHU_Ag_63163	GLTPVCSCPR	AGAP003027-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	37	0.002345251	2	1146.542	2.34	Visceras	2R:+:31242689-31242718	exon=> In CDS Exon 6 of transcript AGAP003027-PA

JHU_Ag_64216	GYIGSPFTECRPECFGDRDCPAGRPACIYGICK	AGAP003027-PA	C10(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl), C27(Carbamidomethyl), C32(Carbamidomethyl)	59	7.74E-06	1	3866.695	-0.36	Visceras	2R:+:31242542-31242640	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_75987	NHVPVCSCPR	AGAP003027-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	58	1.59E-05	1	1225.551	-4.44	Head	2R:+:31240919-31240948	exon=> In CDS Exon 4 of transcript AGAP003027-PA
JHU_Ag_82669	GECQSDAECADHK	AGAP003027-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	77	1.19E-08	1	1506.564	3.69	Head	2R:+:31242982-31243020	exon=> In CDS Exon 7 of transcript AGAP003027-PA
JHU_Ag_95074	EDLCSPNPCGTNAVCTPGYDR	AGAP003027-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	115	9.92E-12	1	2382.975	-0.08	Visceras	2R:+:31242764-31242826	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_97668	EDLCSPNPCGTNAVCTPGYDR	AGAP003027-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	130	3.31E-13	1	2382.975	0.12	Head	2R:+:31242764-31242826	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_100165	RAECLDHSECR	AGAP003027-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	62	2.60E-06	1	1432.599	-4.57	Head	2R:+:31240715-31240747	exon=> In CDS Exon 3 of transcript AGAP003027-PA
JHU_Ag_101222	HLAVCTCPAGTQGDALVSCR	AGAP003027-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), C19(Carbamidomethyl)	150	1.31E-14	1	2172.995	-0.06	Visceras	2R:+:31243182-31243241	exon=> In CDS Exon 8 of transcript AGAP003027-PA
JHU_Ag_106595	NPCEGACGVNADCNLR	AGAP003027-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl)	131	1.60E-13	1	1806.734	1.23	Visceras	2R:+:31242641-31242688	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_117767	DCPAGRPACIYGICK	AGAP003027-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	48	0.000204687	2	1737.792	2.96	Head	2R:+:31242596-31242640	exon=> In CDS Exon 6 of transcript AGAP003027-PA
JHU_Ag_1894	LLIIGDSGVGK	AGAP003028-PA	-	54	3.43E-05	1	1071.641	0.01	Ovary	2R:-:31247867-31247897,31246874-31247038	exon=> In CDS Exon 2 and 1 of transcript AGAP003028-PA
JHU_Ag_20189	LLIIGDSGVGK	AGAP003028-PA	-	59	1.11E-05	2	1071.641	-0.21	Male reproductive organs	2R:-:31247867-31247897,31246874-31247038	exon=> In CDS Exon 2 and 1 of transcript AGAP003028-PA
JHU_Ag_20953	LLIIGDSGVGK	AGAP003028-PA	-	74	2.50E-07	1	1071.643	2.06	Salivary gland	2R:-:31247867-31247897,31246874-31247038	exon=> In CDS Exon 2 and 1 of transcript AGAP003028-PA
JHU_Ag_41347	LLIIGDSGVGK	AGAP003028-PA	-	56	1.95E-05	2	1071.644	3.32	Malpighian tubule	2R:-:31247867-31247897,31246874-31247038	exon=> In CDS Exon 2 and 1 of transcript AGAP003028-PA
JHU_Ag_44783	LLIIGDSGVGK	AGAP003028-PA	-	42	0.000465446	2	1071.640	-0.9	Head	2R:-:31247867-31247897,31246874-31247038	exon=> In CDS Exon 2 and 1 of transcript AGAP003028-PA
JHU_Ag_69644	LLIIGDSGVGK	AGAP003028-PA	-	39	0.001045099	1	1071.642	0.65	Midgut	2R:-:31247867-31247897,31246874-31247038	exon=> In CDS Exon 2 and 1 of transcript AGAP003028-PA
JHU_Ag_81879	LLIIGDSGVGK	AGAP003028-PA	-	42	0.000471148	2	1071.642	0.81	Visceras	2R:-:31247867-31247897,31246874-31247038	exon=> In CDS Exon 2 and 1 of transcript AGAP003028-PA
JHU_Ag_42268	MNAKIGK	AGAP003029-PA	M1(Oxidation)	39	0.001914785	2	777.426	-3.41	Ovary	2R:+:31248698-31248718	exon=> In CDS Exon 1 of transcript AGAP003029-PA
JHU_Ag_11318	GDVLPGIWVDGMDVVAVR	AGAP003030-PA	-	40	0.001095781	2	1897.995	5.6	Head	2R:-:31252961-31252908	exon=> In CDS Exon 4 of transcript AGAP003030-PA

JHU_Ag_11561	RLETSAGNLYK	AGAP003030-PA	-	48	0.000204 73	1	1251.669	0.01	Pupa	2R:-:31253565-31253533	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_12423	GNEGVCLALYGDGAANQGQIFEAYN MAHLWK	AGAP003030-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), M26(Oxidation)"	72	7.24E-07	1	3397.585	3.62	Visceras	2R:-:31253229-31253137	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_12718	LATEFAINHVLNVGPVVMEVYTYR	AGAP003030-PA	M18(Oxidation)	104	2.88E-10	1	2735.433	3.82	Visceras	2R:-:31252907-31253014,312526 27-31252771	exon=> In CDS Exon 5 and 4 of transcript AGAP003030-PA
JHU_Ag_13250	GFCHLYSGQEACAVGMK	AGAP003030-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), M16(Oxidation),"C3(Carba midomethyl), C12(Carbamidomethyl)"	109	7.93E-11	1	1914.829	-0.19	Visceras	2R:-:31253517-31253467	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_15502	RLETSAGNLYK	AGAP003030-PA	-	72	7.71E-07	1	1251.668	-0.87	Head	2R:-:31253565-31253533	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_16962	DKILAAGLVTADELK	AGAP003030-PA	-	69	5.69E-07	2	1556.889	-0.03	Visceras	2R:-:31252671-31252627	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_19400	RLETSAGNLYK	AGAP003030-PA	-	39	0.001342 868	2	1251.670	0.79	Malpighian tubule	2R:-:31253565-31253533	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_28981	VHGWTYLMGVSPQGVLCELAGK	AGAP003030-PA	M8(Oxidation), C17(Carbamidomethyl)	65	5.55E-06	1	2418.203	3.58	Head	2R:-:31253424-31253359	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_32022	LPCIFVCENNGYGMGTSAER	AGAP003030-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), M14(Oxidation),"C3(Carba midomethyl), C7(Carbamidomethyl)"	70	7.32E-07	2	2274.981	-5.67	Visceras	2R:-:31253136-31253664,312528 37-31252992	exon=> In CDS Exon 4 and 3 of transcript AGAP003030-PA
JHU_Ag_35646	VHGWTYLMGVSPQGVLCELAGK	AGAP003030-PA	M8(Oxidation), C17(Carbamidomethyl),C1 7(Carbamidomethyl)	83	8.28E-08	1	2402.207	3.27	Visceras	2R:-:31253424-31253359	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_36021	ILAAGLVTADELK	AGAP003030-PA	-	49	5.56E-05	2	1313.770	1.99	Salivary gland	2R:-:31252665-31252627	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_38417	LETSAGNLYK	AGAP003030-PA	-	59	1.50E-05	1	1095.567	-1.17	Head	2R:-:31253562-31253533	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_42604	YKGNEGVCLALYGDGAANQGQIFEAY NMAHLWK	AGAP003030-PA	C8(Carbamidomethyl)	64	4.53E-06	1	3688.747	4.38	Visceras	2R:-:31253235-31253137	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_44472	DPISSFKDK	AGAP003030-PA	-	33	0.006379 056	2	1036.529	-1.6	Head	2R:-:31252692-31252666	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_47463	DPISSFK	AGAP003030-PA	-	44	0.000702 223	1	793.411	2.12	Visceras	2R:-:31252692-31252672	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_47608	ADAEIGLPELSTDVYSQNQEGPIR	AGAP003030-PA	-	90	1.35E-08	2	2602.269	2.06	Head	2R:-:31252499-31252428	exon=> In CDS Exon 6 of transcript AGAP003030-PA
JHU_Ag_47694	GSCNVNYYQR	AGAP003030-PA	C3(Carbamidomethyl)	47	0.000120 059	1	1260.543	0.61	Head	2R:-:31252991-31252962	exon=> In CDS Exon 4 of transcript AGAP003030-PA
JHU_Ag_48713	GSCNVNYYQR	AGAP003030-PA	C3(Carbamidomethyl)	60	5.41E-06	2	1260.544	1.48	Visceras	2R:-:31252991-31252962	exon=> In CDS Exon 4 of transcript AGAP003030-PA
JHU_Ag_51285	ILAAGLVTADELK	AGAP003030-PA	-	115	1.57E-11	1	1313.768	0.41	Visceras	2R:-:31252665-31252627	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_54891	GSCNVNYYQR	AGAP003030-PA	C3(Carbamidomethyl)	30	0.005074 506	1	1260.544	0.8	Pupa	2R:-:31252991-31252962	exon=> In CDS Exon 4 of transcript AGAP003030-PA
JHU_Ag_56708	GAMRPQDNIISAYR	AGAP003030-PA	M3(Oxidation)	53	8.86E-05	1	1607.800	2.52	Head	2R:-:31253466-31253425	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_58568	RLETSAGNLYK	AGAP003030-PA	-	65	3.50E-06	1	1251.673	3.04	Visceras	2R:-:31253565-31253533	exon=> In CDS Exon 3 of transcript AGAP003030-PA

JHU_Ag_63274	LETSAGNLYK	AGAP003030-PA	-	50	0.000132767	2	1095.570	1.39	Visceras	2R:-:31253562-31253533	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_65974	RLETSAGNLYK	AGAP003030-PA	-	33	0.005444975	1	1251.668	-0.67	Midgut	2R:-:31253565-31253533	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_67883	KEVDEATK	AGAP003030-PA	-	44	0.000814697	2	919.474	0.91	Head	2R:-:31252532-31252509	exon=> In CDS Exon 6 of transcript AGAP003030-PA
JHU_Ag_68195	ADAEIGLPELSTDVYSQNQEGPIR	AGAP003030-PA	-	105	4.38E-10	1	2602.271	3.02	Visceras	2R:-:31252499-31252428	exon=> In CDS Exon 6 of transcript AGAP003030-PA
JHU_Ag_69676	GCNPGSWLK	AGAP003030-PA	C2(Carbamidomethyl)	62	7.45E-06	1	1018.477	-0.96	Visceras	2R:-:31252427-31252401	exon=> In CDS Exon 6 of transcript AGAP003030-PA
JHU_Ag_74195	TREEVQEVR	AGAP003030-PA	-	46	0.000411177	1	1145.592	0.75	Malpighian tubule	2R:-:31252728-31252702	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_75657	ILAAGLVTADELK	AGAP003030-PA	-	115	1.66E-11	1	1313.770	1.9	Head	2R:-:31252665-31252627	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_83945	GDVLPGIWVDGMDVVAVR	AGAP003030-PA	M12(Oxidation)	104	4.48E-10	1	1897.988	2.19	Visceras	2R:-:31252961-31252908	exon=> In CDS Exon 4 of transcript AGAP003030-PA
JHU_Ag_87554	GGSMHMYAPNFYGGNGIVGAQVPLGAGVALACK	AGAP003030-PA	M4(Oxidation), M6(Oxidation), C32(Carbamidomethyl)," M6(Oxidation), C32(Carbamidomethyl)"," M4(Oxidation), C32(Carbamidomethyl)"	100	1.10E-09	1	3296.569	1.28	Head	2R:-:31253334-31253236	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_96953	TREEVQEVR	AGAP003030-PA	-	59	1.63E-05	1	1145.586	-3.94	Head	2R:-:31252728-31252702	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_104311	GAMRPQDNIISAYR	AGAP003030-PA	M3(Oxidation)	60	1.71E-05	1	1591.802	0.73	Visceras	2R:-:31253466-31253425	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_110981	DPISSFK	AGAP003030-PA	-	43	0.00054008	1	793.408	-0.95	Head	2R:-:31252692-31252672	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_111499	ILAAGLVTADELK	AGAP003030-PA	-	82	3.05E-08	1	1313.770	1.99	Pupa	2R:-:31252665-31252627	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_114089	GFCHLYSGQEACAVGMK	AGAP003030-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), M16(Oxidation),"C3(Carbamidomethyl), C12(Carbamidomethyl)"	85	2.30E-08	1	1914.834	2.49	Head	2R:-:31253517-31253467	exon=> In CDS Exon 3 of transcript AGAP003030-PA
JHU_Ag_115042	TREEVQEVR	AGAP003030-PA	-	59	2.13E-05	1	1145.593	1.71	Visceras	2R:-:31252728-31252702	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_117706	ILAAGLVTADELK	AGAP003030-PA	-	84	2.09E-08	1	1313.768	0.32	Male reproductive organs	2R:-:31252665-31252627	exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_44718	ILYDPLQVLR	AGAP003033-PA	-	27	0.006054033	1	1229.729	3.26	Ovary	2R:+:31275279-31275308	exon=> In CDS Exon 2 of transcript AGAP003033-PA
JHU_Ag_74040	ILYDPLQVLR	AGAP003033-PA	-	28	0.004648476	1	1229.731	4.26	Malpighian tubule	2R:+:31275279-31275308	exon=> In CDS Exon 2 of transcript AGAP003033-PA
JHU_Ag_52047	FLPEEESIFHSELNVPAAVQK	AGAP003034-PA	-	51	0.000101582	1	2384.215	0.69	Ovary	2R:-:31277043-31276981	exon=> In CDS Exon 2 of transcript AGAP003034-PA
JHU_Ag_2445	DELIVVIEK	AGAP003035-PA	-	29	0.00940518	1	1057.608	-5.49	Head	2R:+:31278412-31278438	exon=> In CDS Exon 2 of transcript AGAP003035-PA
JHU_Ag_9235	KHDDLK	AGAP003035-PA	-	34	0.001811215	2	755.401	-5.19	Head	2R:+:31277896-31277897,31277985-31278000	exon=> In CDS Exon 1 and 2 of transcript AGAP003035-PA
JHU_Ag_9581	LLDFIQVPAAR	AGAP003035-PA	-	33	0.003854313	2	1242.721	-0.04	Ovary	2R:+:31279483-31279515	exon=> In CDS Exon 4 of transcript AGAP003035-PA

JHU_Ag_20588	LLQTK	AGAP003035-PA	Q3(Deamidated)	34	0.002001492	1	603.373	2.71	Malpighian tubule	2R:+:31279429-31279443	exon=> In CDS Exon 4 of transcript AGAP003035-PA
JHU_Ag_20833	FLKPFLLASPDGSDAAGSILVAK	AGAP003035-PA	-	60	3.21E-06	1	2317.288	3.44	Malpighian tubule	2R:+:31279753-31279821	exon=> In CDS Exon 4 of transcript AGAP003035-PA
JHU_Ag_60100	ASILWLIGEYNEKVPK	AGAP003035-PA	-	64	1.98E-06	1	1860.035	4.27	Malpighian tubule	2R:+:31279516-31279563	exon=> In CDS Exon 4 of transcript AGAP003035-PA
JHU_Ag_70780	LLDFIQVPAAR	AGAP003035-PA	-	35	0.002047179	2	1242.725	3.6	Head	2R:+:31279483-31279515	exon=> In CDS Exon 4 of transcript AGAP003035-PA
JHU_Ag_84878	LLDFIQVPAAR	AGAP003035-PA	-	61	4.37E-06	2	1242.728	6.15	Malpighian tubule	2R:+:31279483-31279515	exon=> In CDS Exon 4 of transcript AGAP003035-PA
JHU_Ag_9805	REYTYETGIQCDPNQR	AGAP003037-PA	C11(Carbamidomethyl)	64	4.08E-06	1	2029.898	-2.76	Head	2R:-:31283254-31283207	exon=> In CDS Exon 3 of transcript AGAP003037-PA
JHU_Ag_30581	DEDDEDNLEVDYQENK	AGAP003037-PA	-	72	1.08E-07	2	1969.782	1.75	Head	2R:-:31283206-31283159	exon=> In CDS Exon 3 of transcript AGAP003037-PA
JHU_Ag_84028	KPVAQILR	AGAP003037-PA	-	18	0.006653651	2	924.596	-3.08	Head	2R:-:31283479-31283456	exon=> In CDS Exon 2 of transcript AGAP003037-PA
JHU_Ag_85013	EYTYETGIQCDPNQR	AGAP003037-PA	C10(Carbamidomethyl)	52	4.07E-05	2	1873.804	0.79	Head	2R:-:31283251-31283207	exon=> In CDS Exon 3 of transcript AGAP003037-PA
JHU_Ag_117456	IAAPNAIHHQLPSALPK	AGAP003037-PA	-	76	9.68E-08	1	1778.010	1.58	Head	2R:-:31284073-31284023	exon=> In CDS Exon 2 of transcript AGAP003037-PA
JHU_Ag_10228	GNVLDLFR	AGAP003039-PA	-	42	0.000827761	2	933.520	5.12	Ovary	2R:-:31352308-31352285	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_51013	YLFTSGNVDGAVTVLEQAAK	AGAP003039-PA	-	125	4.14E-12	1	2083.082	5.58	Larva	2R:-:31352458-31352399	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_60748	YLFTSGNVDGAVTVLEQAAK	AGAP003039-PA	-	131	9.21E-13	1	2083.073	1.13	Salivary gland	2R:-:31352458-31352399	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_66435	YLFTSGNVDGAVTVLEQAAK	AGAP003039-PA	-	45	0.000430735	2	2083.075	2.3	Head	2R:-:31352458-31352399	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_68652	NVGIGTASMIAR	AGAP003039-PA	M9(Oxidation)	39	0.001951334	2	1205.634	2.76	Larva	2R:-:31351915-31351880	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_72313	GNVLDLFR	AGAP003039-PA	-	50	0.000145284	2	933.515	-0.57	Malpighian tubule	2R:-:31352308-31352285	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_74754	GNVLDLFR	AGAP003039-PA	-	43	0.000555085	2	933.520	4.53	Larva	2R:-:31352308-31352285	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_94832	RNNLPTDTIR	AGAP003039-PA	-	45	0.000304314	2	1199.643	-4.94	Head	2R:-:31352398-31352369	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_97556	GNVLDLFR	AGAP003039-PA	-	47	0.000304883	2	933.516	1.13	Head	2R:-:31352308-31352285	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_109162	GNVLDLFR	AGAP003039-PA	-	42	0.00087589	2	933.515	-0.18	Pupa	2R:-:31352308-31352285	exon=> In CDS Exon 4 of transcript AGAP003039-PA
JHU_Ag_44942	AISSPQAANLGPVGMSDLAR	AGAP003040-PA	M15(Oxidation)	80	1.44E-07	1	1970.999	1.11	Malpighian tubule	2R:-:31368584-31368525	exon=> In CDS Exon 7 of transcript AGAP003040-PA
JHU_Ag_76431	DLKPENILLDQDGHIALTDFGLSK	AGAP003040-PA	-	85	2.87E-08	1	2652.384	-1.34	Head	2R:-:31370627-31370903,31370352-31370475	exon=> In CDS Exon 3 and 2 of transcript AGAP003040-PA
JHU_Ag_5864	EFLDVLMNGPR	AGAP003041-PA	M7(Oxidation)	53	9.59E-05	2	1306.646	-0.21	Ovary	2R:+:31403036-31403068	exon=> In CDS Exon 2 of transcript AGAP003041-PA
JHU_Ag_14791	KEPTPGTDNSEEKPDELK	AGAP003041-PA	-	45	0.000485533	1	2013.939	-10.97	Ovary	2R:+:31402730-31402783	exon=> In CDS Exon 2 of transcript AGAP003041-PA
JHU_Ag_65236	ATDDSILSK	AGAP003041-PA	-	47	0.000311425	2	949.484	-0.15	Ovary	2R:+:31402616-31402642	exon=> In CDS Exon 2 of transcript AGAP003041-PA
JHU_Ag_66936	GTVQLFNAVR	AGAP003041-PA	-	66	2.72E-06	2	1104.618	1.61	Ovary	2R:+:31402916-31402945	exon=> In CDS Exon 2 of transcript AGAP003041-PA
JHU_Ag_82647	VRPTIHDYER	AGAP003041-PA	-	46	0.000343031	1	1285.669	2.89	Ovary	2R:+:31402856-31402885	exon=> In CDS Exon 2 of transcript AGAP003041-PA

JHU_Ag_89380	AIDFDVVSAEGTVK	AGAP003041-PA	-	111	1.28E-10	1	1450.745	1.77	Ovary	2R:+:31402688-31402729	exon=> In CDS Exon 2 of transcript AGAP003041-PA
JHU_Ag_93411	VRPTIHDYERER	AGAP003041-PA	-	66	3.58E-06	1	1570.813	2.78	Ovary	2R:+:31402856-31402891	exon=> In CDS Exon 2 of transcript AGAP003041-PA
JHU_Ag_105918	SELVDNLVK	AGAP003041-PA	-	41	0.001256832	1	1016.562	0.18	Ovary	2R:+:31403075-31403101	exon=> In CDS Exon 2 of transcript AGAP003041-PA
JHU_Ag_7388	ILGLTSPSTTTGSSSTK	AGAP003043-PB	-	63	6.32E-06	2	1637.863	2.32	Salivary gland	2R:+:31414059-31414109	exon=> In CDS Exon 1 of transcript AGAP003043-PB
JHU_Ag_8112	QLQEKESALLEEQQAAAGLQAK	AGAP003043-PB	-	122	6.03E-12	1	2383.255	3.73	Malpighian tubule	2R:+:31415252-31415317	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_12327	QTMSMQFQQLQAK	AGAP003043-PB	M3(Oxidation), M5(Oxidation)	80	1.30E-07	2	1600.750	2.62	Salivary gland	2R:+:31415471-31415509	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_16879	ELTLLK	AGAP003043-PB	-	38	0.000263656	1	716.455	-0.48	Midgut	2R:+:31418482-31418499	exon=> In CDS Exon 8 of transcript AGAP003043-PB
JHU_Ag_22683	LNSSSNIIANNNLNTNSSVNSSLHEHANDGAVVNK	AGAP003043-PB	-	69	1.43E-06	1	3648.771	3.1	Malpighian tubule	2R:+:31418082-31418186	exon=> In CDS Exon 7 of transcript AGAP003043-PB
JHU_Ag_23381	NDIQILIDFLLNK	AGAP003043-PB	-	76	1.39E-07	2	1558.887	1.86	Malpighian tubule	2R:+:31415141-31415179	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_28082	DKELTLLK	AGAP003043-PB	-	30	0.008462496	1	959.577	-0.09	Ovary	2R:+:31418476-31418499	exon=> In CDS Exon 8 of transcript AGAP003043-PB
JHU_Ag_29969	ELTLLK	AGAP003043-PB	-	37	0.000384625	1	716.455	-0.48	Head	2R:+:31418482-31418499	exon=> In CDS Exon 8 of transcript AGAP003043-PB
JHU_Ag_31922	GYVEELNNK	AGAP003043-PB	-	42	0.001120766	1	1065.522	0.47	Malpighian tubule	2R:+:31415378-31415404	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_34808	ILGLTSPSTTTGSSSTK	AGAP003043-PB	-	64	4.90E-06	2	1637.862	1.5	Head	2R:+:31414059-31414109	exon=> In CDS Exon 1 of transcript AGAP003043-PB
JHU_Ag_37004	ILGLTSPSTTTGSSSTK	AGAP003043-PB	-	71	9.72E-07	2	1637.863	2.17	Malpighian tubule	2R:+:31414059-31414109	exon=> In CDS Exon 1 of transcript AGAP003043-PB
JHU_Ag_41022	VILEEQNR	AGAP003043-PB	-	38	0.002031913	2	1000.544	2.07	Malpighian tubule	2R:+:31417773-31417796	exon=> In CDS Exon 7 of transcript AGAP003043-PB
JHU_Ag_41664	ELTLLK	AGAP003043-PB	-	38	0.000293115	1	716.454	-1.76	Pupa	2R:+:31418482-31418499	exon=> In CDS Exon 8 of transcript AGAP003043-PB
JHU_Ag_49645	YLQLSK	AGAP003043-PB	-	34	0.002094881	1	751.435	-0.09	Midgut	2R:+:31415510-31415527	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_51340	ESALLEEQQAAAGLQAK	AGAP003043-PB	-	109	1.76E-10	1	1756.915	4.43	Ovary	2R:+:31415267-31415317	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_53531	ESALLEEQQAAAGLQAK	AGAP003043-PB	-	89	1.69E-08	2	1756.913	2.84	Salivary gland	2R:+:31415267-31415317	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_62664	SVETVPEMNHFAEIHPKDALEIAR	AGAP003043-PB	M8(Oxidation)	34	0.005365504	1	2749.366	1.76	Malpighian tubule	2R:+:31414567-31414638	exon=> In CDS Exon 2 of transcript AGAP003043-PB
JHU_Ag_69642	VQELTAYENDLR	AGAP003043-PB	-	66	4.14E-06	2	1450.719	0.95	Male reproductive organs	2R:+:31415789-31415795,31415872-31415900	exon=> In CDS Exon 4 and 5 of transcript AGAP003043-PB
JHU_Ag_71271	NLQNALDSTK	AGAP003043-PB	-	57	3.31E-05	1	1103.569	-0.36	Malpighian tubule	2R:+:31416090-31416119	exon=> In CDS Exon 5 of transcript AGAP003043-PB
JHU_Ag_71331	DELSQTCQQQSYEIEQLK	AGAP003043-PB	C7(Carbamidomethyl)	116	3.11E-11	1	2227.027	3.93	Midgut	2R:+:31415928-31415981	exon=> In CDS Exon 5 of transcript AGAP003043-PB
JHU_Ag_71678	SAGGILVNKSEPVLVK	AGAP003043-PB	-	58	2.85E-06	2	1610.956	5.16	Malpighian tubule	2R:+:31414519-31414566	exon=> In CDS Exon 2 of transcript AGAP003043-PB
JHU_Ag_74674	ILGLTSPSTTTGSSSTK	AGAP003043-PB	-	43	0.000670878	2	1637.861	1.13	Ovary	2R:+:31414059-31414109	exon=> In CDS Exon 1 of transcript AGAP003043-PB
JHU_Ag_75918	VQELTAYENDLR	AGAP003043-PB	-	59	1.73E-05	2	1450.714	-2.59	Pupa	2R:+:31415789-31415795,31415872-31415900	exon=> In CDS Exon 4 and 5 of transcript AGAP003043-PB

JHU_Ag_76781	VQELTAYENDLR	AGAP003043-PB	-	78	2.41E-07	2	1450.719	1.37	Ovary	2R:+:31415789-31415795,31415872-31415900	exon=> In CDS Exon 4 and 5 of transcript AGAP003043-PB
JHU_Ag_82063	KTEYEHILR	AGAP003043-PB	-	52	9.95E-05	2	1188.637	-0.35	Head	2R:+:31415735-31415761	exon=> In CDS Exon 4 of transcript AGAP003043-PB
JHU_Ag_89093	KQEVQNLSQELNMLR	AGAP003043-PB	M13(Oxidation)	53	6.64E-05	1	1845.947	-1.18	Head	2R:+:31415405-31415449	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_97738	TIIADTENMLK	AGAP003043-PB	M9(Oxidation)	43	0.000856506	2	1264.645	-0.26	Salivary gland	2R:+:31418286-31418303,31418401-31418415	exon=> In CDS Exon 7 and 8 of transcript AGAP003043-PB
JHU_Ag_98630	NGATGGSDSGAEDDQQTMALR	AGAP003043-PB	N1(Deamidated), M18(Oxidation)	115	1.08E-11	1	2097.872	4.27	Head	2R:+:31418187-31418249	exon=> In CDS Exon 7 of transcript AGAP003043-PB
JHU_Ag_101990	VQELTAYENDLR	AGAP003043-PB	-	92	1.02E-08	1	1450.719	1.12	Malpighian tubule	2R:+:31415789-31415795,31415872-31415900	exon=> In CDS Exon 4 and 5 of transcript AGAP003043-PB
JHU_Ag_103932	KQEVQNLSQELNMLR	AGAP003043-PB	M13(Oxidation)	47	0.000244301	1	1845.956	3.88	Malpighian tubule	2R:+:31415405-31415449	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_105270	QAHAAASAAAAAAHTHSQADESNRVEIR	AGAP003043-PB	-	42	0.000906489	1	2841.368	-1.9	Midgut	2R:+:31416006-31416089	exon=> In CDS Exon 5 of transcript AGAP003043-PB
JHU_Ag_109039	VQELTAYENDLR	AGAP003043-PB	-	85	5.35E-08	2	1450.717	0.11	Head	2R:+:31415789-31415795,31415872-31415900	exon=> In CDS Exon 4 and 5 of transcript AGAP003043-PB
JHU_Ag_110208	AKEEQLQK	AGAP003043-PB	-	41	0.001707089	1	973.531	-0.85	Salivary gland	2R:+:31416204-31416227	exon=> In CDS Exon 5 of transcript AGAP003043-PB
JHU_Ag_112087	VQELTAYENDLR	AGAP003043-PB	-	86	3.60E-08	1	1450.722	3.47	Salivary gland	2R:+:31415789-31415795,31415872-31415900	exon=> In CDS Exon 4 and 5 of transcript AGAP003043-PB
JHU_Ag_112751	ESALLEEQQAAAGLQAK	AGAP003043-PB	-	113	6.64E-11	2	1756.910	1.24	Head	2R:+:31415267-31415317	exon=> In CDS Exon 3 of transcript AGAP003043-PB
JHU_Ag_227	MGNLGTATSFFNEK	AGAP003047-PA	M1(Oxidation)	48	0.000209103	2	1532.707	1.25	Head	2R:-:31427730-31427689	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_1180	LEDMIGR	AGAP003047-PA	M4(Oxidation)	38	0.002678045	1	849.415	1.25	Salivary gland	2R:-:31428375-31428355	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_1389	LLAETGQEIPGFLEEMTNSR	AGAP003047-PA	M16(Oxidation)	97	2.92E-09	1	2251.090	-0.37	Male reproductive organs	2R:-:31427658-31427599	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_2004	MGNLGTATSFFNEK	AGAP003047-PA	M1(Oxidation)	82	8.03E-08	1	1532.707	1.01	Male reproductive organs	2R:-:31427730-31427689	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_2618	DRPMDGPPQNDRWPEPGAAMGPPGPGSVGSGGGTGPGEGPGAAAAGGR	AGAP003047-PA	M4(Oxidation), M20(Oxidation)	185	2.41E-18	1	4438.997	1.28	Male reproductive organs	2R:-:31429221-31429078	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_3905	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	94	5.41E-09	1	2058.037	3.88	Ovary	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_4629	SHLLDLLSNITK	AGAP003047-PA	-	75	1.41E-07	1	1353.775	0.84	Head	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_4919	QQQLGGGGGSNPESGNPK	AGAP003047-PA	-	98	2.25E-09	2	1711.802	1.7	Salivary gland	2R:-:31429740-31429687	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_4939	AIQELASDFLYR	AGAP003047-PA	-	67	2.57E-06	1	1425.737	-0.23	Head	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_5441	GLDIPNVK	AGAP003047-PA	-	35	0.001633234	2	855.497	3.67	Malpighian tubule	2R:-:31427823-31427800	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_8227	RSHLLDLLSNITK	AGAP003047-PA	-	74	1.25E-07	1	1509.883	5.17	Ovary	2R:-:31428072-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_8297	KAADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	72	8.53E-07	1	2760.352	5.15	Malpighian tubule	2R:-:31427979-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA

JHU_Ag_8972	DRPMDGPPQNDRWPEPGAAMGPPGPGSVGSGGGTGPGEGPGAAAAGGR	AGAP003047-PA	M4(Oxidation), M20(Oxidation)	44	0.000298888	1	4438.994	0.51	Ovary	2R:-:31429221-31429078	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_9288	LEAELFK	AGAP003047-PA	-	41	0.000737225	2	849.472	-0.17	Salivary gland	2R:-:31428909-31428889	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_11440	SHLLDLLSNITK	AGAP003047-PA	-	52	3.04E-05	2	1353.779	3.72	Visceras	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_12267	VGLDNIR	AGAP003047-PA	-	46	0.000352894	2	786.450	3.82	Male reproductive organs	2R:-:31428348-31428328	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_12385	CPILVATAVAAR	AGAP003047-PA	C1(Carbamidomethyl)	46	0.000247766	2	1241.703	-0.58	Midgut	2R:-:31427859-31427824	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_12653	ECADSGGDFQPADTGAGVGPVSGGGIGGGGGR	AGAP003047-PA	C2(Carbamidomethyl)	102	6.22E-10	2	2819.247	6.61	Ovary	2R:-:31429650-31429555	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_14252	AADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	139	1.74E-13	1	2632.242	-0.36	Malpighian tubule	2R:-:31427976-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_15847	AIQELASDFLYR	AGAP003047-PA	-	81	9.51E-08	1	1425.738	0.71	Ovary	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_15920	MRPAVLYGGNNTQDQMR	AGAP003047-PA	M1(Oxidation), M16(Oxidation)	38	0.002017506	1	1982.917	-0.18	Salivary gland	2R:-:31428471-31428421	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_17159	GCHLIVATPGRLEDMIGR	AGAP003047-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M15(Oxidation)"	71	9.36E-07	1	1995.028	0.72	Ovary	2R:-:31428408-31428355	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_17370	HGNTGINFSK	AGAP003047-PA	-	51	0.000135056	1	1074.533	0.61	Salivary gland	2R:-:31428888-31428859	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_17594	YIFLAVGR	AGAP003047-PA	-	58	7.51E-06	2	938.546	-0.03	Ovary	2R:-:31428156-31428133	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_18676	QQQLGGGGGSNPESGNPK	AGAP003047-PA	-	110	1.37E-10	1	1711.799	-0.44	Male reproductive organs	2R:-:31429740-31429687	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_19657	VGSTSVNITQTIFWVEENIKR	AGAP003047-PA	-	84	2.59E-08	1	2421.292	6.06	Salivary gland	2R:-:31428132-31428070	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_19879	QQQLGGGGGSNPESGNPK	AGAP003047-PA	-	106	3.47E-10	2	1711.801	0.63	Head	2R:-:31429740-31429687	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_19897	SHLLDLLSNITK	AGAP003047-PA	-	66	1.23E-06	1	1353.775	0.84	Male reproductive organs	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_21049	KAADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	176	3.57E-17	1	2760.338	0.02	Ovary	2R:-:31427979-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_21644	GLDIPNVK	AGAP003047-PA	-	33	0.003145976	1	855.493	-0.9	Male reproductive organs	2R:-:31427823-31427800	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_22864	IVEESRMPVTGER	AGAP003047-PA	M7(Oxidation)	45	0.000631051	1	1518.757	-0.51	Ovary	2R:-:31428264-31428226	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_23347	FLVLDEADR	AGAP003047-PA	-	49	0.000193119	2	1077.559	1.46	Ovary	2R:-:31428327-31428301	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_23772	AADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	118	2.02E-11	1	2632.251	2.98	Head	2R:-:31427976-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_26941	YEDIPVEATGDDVPGHINTFDDIELTEIIDNNIK	AGAP003047-PA	-	245	3.35E-24	1	3814.834	4.19	Ovary	2R:-:31428858-31428757	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_27117	VGSTSVNITQTIFWVEENIKR	AGAP003047-PA	-	78	1.20E-07	1	2421.280	0.99	Ovary	2R:-:31428132-31428070	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_27812	VGLDNIR	AGAP003047-PA	-	47	0.000231268	2	786.446	-0.91	Salivary gland	2R:-:31428348-31428328	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_28035	YIFLAVGR	AGAP003047-PA	-	37	0.000925988	2	938.546	0.43	Visceras	2R:-:31428156-31428133	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_28856	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	106	3.86E-10	1	2058.042	6.1	Malpighian tubule	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA

JHU_Ag_29344	DRPMDGPPQNDRWPEPGAAMGPPGPGSVGSGGGTGPGEGPGAAAAGGR	AGAP003047-PA	M20(Oxidation),"M4(Oxidation), M20(Oxidation)"	198	1.03E-19	1	4438.990	-0.37	Malpighian tubule	2R:-:31429221-31429078	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_30347	GGDGGGYQNSEGFGGDRR	AGAP003047-PA	-	101	4.85E-10	1	1785.758	2.47	Malpighian tubule	2R:-:31429344-31429291	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_30491	FLVLDEADRMLDMGFEPQIR	AGAP003047-PA	M10(Oxidation), M13(Oxidation)	104	5.94E-10	1	2427.185	6.63	Malpighian tubule	2R:-:31428327-31428268	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_30688	AADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	132	8.14E-13	1	2632.244	0.49	Male reproductive organs	2R:-:31427976-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_31077	NVANGLVR	AGAP003047-PA	-	36	0.001502525	2	842.487	2.95	Malpighian tubule	2R:-:31427682-31427659	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_31645	YIFLAVGR	AGAP003047-PA	-	48	7.79E-05	2	938.547	1.27	Pupa	2R:-:31428156-31428133	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_33996	LLAETGQEIPGFLEEMTNSR	AGAP003047-PA	M16(Oxidation)	92	9.41E-09	1	2235.099	1.39	Ovary	2R:-:31427658-31427599	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_34744	GGGAGGGGYGGGGGGSGR	AGAP003047-PA	-	93	3.81E-09	1	1294.552	-0.35	Salivary gland	2R:-:31429005-31428952	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_34823	FLVLDEADR	AGAP003047-PA	-	51	0.000138987	2	1077.558	0.44	Male reproductive organs	2R:-:31428327-31428301	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_35155	MRPAVLYGGNNTQDQMR	AGAP003047-PA	M16(Oxidation)	67	3.05E-06	3	1966.929	3.22	Malpighian tubule	2R:-:31428471-31428421	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_36443	GGDGGGYQNSEGFGGDRR	AGAP003047-PA	-	63	3.09E-06	1	1785.753	-0.5	Salivary gland	2R:-:31429344-31429291	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_37643	QTLMFSATFPK	AGAP003047-PA	-	60	1.18E-05	2	1270.656	4.7	Malpighian tubule	2R:-:31428225-31428193	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_39471	GCHLIVATPGRLEDMIGR	AGAP003047-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M15(Oxidation)"	76	2.72E-07	1	1995.034	3.75	Malpighian tubule	2R:-:31428408-31428355	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_39525	AIQELASDFLYR	AGAP003047-PA	-	82	8.14E-08	2	1425.740	1.91	Salivary gland	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_39825	VGLDNIR	AGAP003047-PA	-	42	0.000860023	1	786.449	2.11	Malpighian tubule	2R:-:31428348-31428328	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_40461	MGNLGTATSFFNEK	AGAP003047-PA	M1(Oxidation)	68	2.36E-06	2	1532.712	4.51	Larva	2R:-:31427730-31427689	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_41548	GQIDYTVLTER	AGAP003047-PA	-	75	4.58E-07	2	1294.665	1.09	Head	2R:-:31428951-31428919	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_43428	GGPGGGPAAVGR	AGAP003047-PA	-	50	0.000131463	2	952.496	-0.34	Ovary	2R:-:31429257-31429222	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_47111	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	51	0.000123588	1	2058.045	7.62	Larva	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_47252	GGGAGGGGYGGGGGGSGR	AGAP003047-PA	-	55	2.06E-05	2	1294.553	0.97	Ovary	2R:-:31429005-31428952	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_47354	GGDGGGYQNSEGFGGDRR	AGAP003047-PA	-	58	9.58E-06	1	1785.758	2.26	Male reproductive organs	2R:-:31429344-31429291	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_48243	GGDGGGYQNSEGFGGDR	AGAP003047-PA	-	111	1.72E-11	1	1629.655	1.28	Salivary gland	2R:-:31429344-31429294	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_48572	GQIDYTVLTER	AGAP003047-PA	-	38	0.002313677	2	1294.668	3.54	Ovary	2R:-:31428951-31428919	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_49507	GGPGGGPAAVGR	AGAP003047-PA	-	59	1.61E-05	1	952.498	1.83	Salivary gland	2R:-:31429257-31429222	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_49629	RSHLLDLLSNITK	AGAP003047-PA	-	86	8.13E-09	1	1509.879	2.99	Malpighian tubule	2R:-:31428072-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_49792	CPILVATAVAAR	AGAP003047-PA	C1(Carbamidomethyl)	91	5.08E-09	1	1241.707	3.16	Ovary	2R:-:31427859-31427824	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_50701	AADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	100	1.34E-09	1	2632.256	4.92	Midgut	2R:-:31427976-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA

JHU_Ag_52233	KAADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	125	5.26E-12	1	2760.348	3.65	Male reproductive organs	2R:-:31427979-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_53230	GGGAGGGGYGGGGGGSGR	AGAP003047-PA	-	67	1.40E-06	2	1294.555	2.01	Malpighian tubule	2R:-:31429005-31428952	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_53314	GKVGLDNIR	AGAP003047-PA	-	52	7.31E-05	1	971.565	2.04	Malpighian tubule	2R:-:31428354-31428328	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_57822	CPILVATAVAAR	AGAP003047-PA	C1(Carbamidomethyl)	70	6.82E-07	1	1241.706	2.27	Male reproductive organs	2R:-:31427859-31427824	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_58796	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	58	2.40E-05	1	2058.033	1.74	Pupa	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_60103	FLVLDEADRMLDMGFEPQIR	AGAP003047-PA	M10(Oxidation), M13(Oxidation)	83	8.03E-08	1	2427.171	1.13	Male reproductive organs	2R:-:31428327-31428268	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_60143	FLVLDEADR	AGAP003047-PA	-	46	0.000449292	2	1077.556	-1.38	Salivary gland	2R:-:31428327-31428301	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_60549	SHLLDLLSNITK	AGAP003047-PA	-	62	2.76E-06	2	1353.777	2.73	Salivary gland	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_60865	AIQELASDFLYR	AGAP003047-PA	-	79	1.55E-07	1	1425.735	-1.68	Male reproductive organs	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_62080	MPVTGER	AGAP003047-PA	-	40	0.001767971	1	789.394	2.6	Malpighian tubule	2R:-:31428246-31428226	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_62091	VGLDNIR	AGAP003047-PA	-	39	0.001755942	2	786.448	1.18	Ovary	2R:-:31428348-31428328	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_62374	LLAETGQEIPGFLEEMTNSR	AGAP003047-PA	M16(Oxidation)	100	1.57E-09	1	2235.109	5.65	Malpighian tubule	2R:-:31427658-31427599	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_62727	MGNLGTATSFFNEKNR	AGAP003047-PA	M1(Oxidation)	101	1.26E-09	1	1786.858	2.39	Ovary	2R:-:31427730-31427683	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_63380	FLVLDEADR	AGAP003047-PA	-	38	0.002766771	2	1077.558	0.55	Visceras	2R:-:31428327-31428301	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_64582	GKVGLDNIR	AGAP003047-PA	-	38	0.001915055	1	971.566	2.36	Male reproductive organs	2R:-:31428354-31428328	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_67145	CPILVATAVAAR	AGAP003047-PA	C1(Carbamidomethyl)	85	2.27E-08	1	1241.705	1.09	Salivary gland	2R:-:31427859-31427824	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_67473	AIQELASDFLYR	AGAP003047-PA	-	39	0.001372018	2	1425.740	2	Visceras	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_68287	QTLMFSATFPK	AGAP003047-PA	M4(Oxidation)	54	4.92E-05	1	1286.646	0.62	Ovary	2R:-:31428225-31428193	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_70260	GCHLIVATPGRLEDMIGR	AGAP003047-PA	C2(Carbamidomethyl), M15(Oxidation)	47	0.000279908	1	2011.032	5.3	Male reproductive organs	2R:-:31428408-31428355	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_71526	HGNTGINFSK	AGAP003047-PA	-	65	4.34E-06	1	1074.536	3.33	Ovary	2R:-:31428888-31428859	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_72559	VGSTSVNITQTIFWVEENIKR	AGAP003047-PA	-	55	2.46E-05	1	2421.274	-1.5	Male reproductive organs	2R:-:31428132-31428070	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_72928	GQIDYTVLTER	AGAP003047-PA	-	77	2.92E-07	1	1294.664	0.33	Male reproductive organs	2R:-:31428951-31428919	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_73854	LLAETGQEIPGFLEEMTNSR	AGAP003047-PA	M16(Oxidation)	59	2.12E-05	2	2251.092	0.28	Salivary gland	2R:-:31427658-31427599	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_74894	KAADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	92	1.02E-08	1	2760.345	2.77	Head	2R:-:31427979-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_76276	AADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	82	8.93E-08	1	2632.242	-0.43	Salivary gland	2R:-:31427976-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_76384	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	91	1.24E-08	1	2058.035	2.81	Head	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_76632	SNAINQNGTGLEQQFAGLDLQQK	AGAP003047-PA	N-Term(Acetyl)	47	0.000321991	3	2516.241	1.18	Ovary	2R:-:31433390-31433393,31428619-31429741	exon=> In CDS Exon 2 and 1 of transcript AGAP003047-PA

JHU_Ag_78149	GGPGGGPAAVGR	AGAP003047-PA	-	42	0.000639784	2	952.495	-0.73	Male reproductive organs	2R:-:31429257-31429222	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_79674	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	90	1.54E-08	1	2058.031	0.94	Male reproductive organs	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_81889	AIQELASDFLYR	AGAP003047-PA	-	70	1.25E-06	2	1425.742	3.45	Malpighian tubule	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_83426	HGNTGINFSK	AGAP003047-PA	-	55	5.45E-05	2	1074.532	-0.3	Head	2R:-:31428888-31428859	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_83735	MGNLGTATSFFNEK	AGAP003047-PA	M1(Oxidation)	61	1.01E-05	1	1532.702	-1.78	Midgut	2R:-:31427730-31427689	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_84443	LLAETGQEIPGFLEEMTNSR	AGAP003047-PA	M16(Oxidation)	83	7.67E-08	2	2235.098	0.96	Head	2R:-:31427658-31427599	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_86598	QTLMFSATFPK	AGAP003047-PA	-	56	3.14E-05	2	1270.651	0.38	Midgut	2R:-:31428225-31428193	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_87064	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	61	1.26E-05	1	2058.030	0.41	Midgut	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_89203	MGNLGTATSFFNEK	AGAP003047-PA	M1(Oxidation)	84	4.44E-08	1	1516.712	1.21	Ovary	2R:-:31427730-31427689	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_89423	SHLLDLLSNITK	AGAP003047-PA	-	56	1.30E-05	2	1353.776	2.01	Pupa	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_89874	QQQLGGGGGSNPESGNPKHPAGR	AGAP003047-PA	-	84	6.81E-08	1	2230.071	0.13	Malpighian tubule	2R:-:31429740-31429672	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_92454	YIFLAVGR	AGAP003047-PA	-	56	1.27E-05	2	938.546	-0.22	Salivary gland	2R:-:31428156-31428133	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_94080	YIFLAVGR	AGAP003047-PA	-	42	0.000386 26	1	938.544	-1.46	Male reproductive organs	2R:-:31428156-31428133	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_95279	SHLLDLLSNITK	AGAP003047-PA	-	69	5.88E-07	2	1353.774	0.21	Midgut	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_96445	MRPAVLYGGNNTQDQMR	AGAP003047-PA	M16(Oxidation)	45	0.000448463	1	1966.923	0.15	Ovary	2R:-:31428471-31428421	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_97223	AIQELASDFLYR	AGAP003047-PA	-	82	7.99E-08	2	1425.741	2.25	Pupa	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_97284	GCHLIVATPGR	AGAP003047-PA	C2(Carbamidomethyl)	63	6.05E-06	1	1180.626	0.57	Salivary gland	2R:-:31428408-31428376	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_98284	MGNLGTATSFFNEK	AGAP003047-PA	M1(Oxidation)	68	1.93E-06	2	1532.707	1.33	Salivary gland	2R:-:31427730-31427689	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_99919	SHLLDLLSNITK	AGAP003047-PA	-	70	4.36E-07	2	1353.781	5.71	Malpighian tubule	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_102625	GGPGGGPAAVGR	AGAP003047-PA	-	61	1.04E-05	1	952.498	2.47	Malpighian tubule	2R:-:31429257-31429222	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_103845	QQQLGGGGGSNPESGNPK	AGAP003047-PA	-	68	2.03E-06	2	1711.805	3.34	Ovary	2R:-:31429740-31429687	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_104733	CPILVATAVAAR	AGAP003047-PA	C1(Carbamidomethyl)	102	4.29E-10	1	1241.710	4.93	Malpighian tubule	2R:-:31427859-31427824	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_105371	AIQELASDFLYR	AGAP003047-PA	-	78	1.96E-07	2	1425.737	-0.48	Midgut	2R:-:31428192-31428157	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_107084	VGSTSVNITQTIFWVEENIKR	AGAP003047-PA	-	36	0.001516614	3	2421.293	6.44	Malpighian tubule	2R:-:31428132-31428070	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_107342	QVINFDLPAEVEEYVHR	AGAP003047-PA	-	55	4.48E-05	1	2058.038	4.32	Visceras	2R:-:31427799-31427749	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_107564	MGNLGTATSFFNEKNR	AGAP003047-PA	M1(Oxidation)	77	2.61E-07	2	1802.858	4.78	Malpighian tubule	2R:-:31427730-31427683	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_107671	TQAEREEALR	AGAP003047-PA	-	41	0.001111673	1	1202.613	0.83	Malpighian tubule	2R:-:31427907-31427878	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_107956	AADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	N13(Deamidated),N11(Deamidated)	113	7.90E-11	1	2632.252	3.64	Ovary	2R:-:31427976-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA

JHU_Ag_110401	KAADSLEEFLYNHNFPVTSIHGDR	AGAP003047-PA	-	113	7.86E-11	1	2760.338	0.11	Salivary gland	2R:-:31427979-31427908	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_110601	FLVLDEADRMLDMGFEPQIR	AGAP003047-PA	M10(Oxidation), M13(Oxidation)	77	3.08E-07	1	2427.173	1.96	Ovary	2R:-:31428327-31428268	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_111884	SHLLDLLSNITK	AGAP003047-PA	N9(Deamidated)	72	3.19E-07	2	1353.775	0.93	Ovary	2R:-:31428069-31428034	exon=> In CDS Exon 3 of transcript AGAP003047-PA
JHU_Ag_112284	DNNWGSYGGAR	AGAP003047-PA	-	54	1.88E-05	1	1196.508	-0.3	Salivary gland	2R:-:31429290-31429258	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_116005	DRPMDGPPQNDRWPEPGAAMGPPG PGSVGSGGGTGPGEGPGAAAAGGR	AGAP003047-PA	M4(Oxidation), M20(Oxidation)	81	5.00E-08	1	4438.991	-0.15	Salivary gland	2R:-:31429221-31429078	exon=> In CDS Exon 2 of transcript AGAP003047-PA
JHU_Ag_50193	VHVGKQDINALQTR	AGAP003048-PA	-	67	1.11E-06	1	1578.873	1.2	Malpighian tubule	2R:+:31436405-31436446	exon=> In CDS Exon 3 of transcript AGAP003048-PA
JHU_Ag_105848	NLLLDMFR	AGAP003048-PA	M6(Oxidation)	57	2.38E-05	1	1037.545	0.32	Ovary	2R:+:31436087-31436110	exon=> In CDS Exon 3 of transcript AGAP003048-PA
JHU_Ag_115669	ISQFTKPVIVFNGYK	AGAP003048-PA	N12(Deamidated)	79	8.40E-08	1	1741.952	-0.4	Ovary	2R:+:31436009-31436053	exon=> In CDS Exon 3 of transcript AGAP003048-PA
JHU_Ag_39237	TVDDPYYSDKDFMHAQVFANIR	AGAP003050-PA	M13(Oxidation)	109	1.68E-10	1	2648.216	2.73	Larva	2R:-:31465805-31465740	exon=> In CDS Exon 3 of transcript AGAP003050-PA
JHU_Ag_57702	IFAAIGQATK	AGAP003050-PA,AGAP003051-PB	-	44	0.000264991	2	1019.588	-0.03	Pupa	2R:-:31465254-31465225;2R:-:31471537-31471508	exon=> In CDS Exon 4 of transcript AGAP003050-PA;exon=> In CDS Exon 4 of transcript AGAP003051-PB
JHU_Ag_4799	IFAAIGQATK	AGAP003051-PB,AGAP003050-PA	-	39	0.000777012	2	1019.593	4.22	Larva	2R:-:31471537-31471508;2R:-:31465254-31465225	exon=> In CDS Exon 4 of transcript AGAP003051-PB;exon=> In CDS Exon 4 of transcript AGAP003050-PA
JHU_Ag_7401	GLTMAVDSGRPIVECLK	AGAP003051-PB,AGAP003050-PA	M4(Oxidation), C15(Carbamidomethyl)	61	1.11E-05	1	1861.961	5.31	Larva	2R:-:31471474-31471424;2R:-:31465191-31465141	exon=> In CDS Exon 4 of transcript AGAP003051-PB;exon=> In CDS Exon 4 of transcript AGAP003050-PA
JHU_Ag_16225	QSDSNMVFLVTK	AGAP003051-PB,AGAP003050-PA	M6(Oxidation)	74	4.85E-07	2	1384.685	5.31	Larva	2R:-:31471740-31471705;2R:-:31465466-31465431	exon=> In CDS Exon 3 of transcript AGAP003051-PB;exon=> In CDS Exon 3 of transcript AGAP003050-PA
JHU_Ag_5855	LEPDNQDYKNNLGVSQQFLEER	AGAP003052-PA	-	39	0.001843058	1	2636.267	3.18	Male reproductive organs	2R:-:31483630-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_11064	NNLGVSQQFLEER	AGAP003052-PA	-	99	2.22E-09	1	1533.769	1.92	Head	2R:-:31483603-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_13900	LGDYVR	AGAP003052-PA	-	49	0.00019268	2	722.384	1.06	Ovary	2R:-:31483780-31483763	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_15218	ESIEVAIQCLENVYDLGEGDDAAATGG ESSVK	AGAP003052-PA	C9(Carbamidomethyl)	53	6.21E-05	3	3326.521	-0.14	Ovary	2R:-:31484180-31484085	exon=> In CDS Exon 1 of transcript AGAP003052-PA
JHU_Ag_16916	LAMQMSSENPELFNNVAR	AGAP003052-PA	M3(Oxidation), M5(Oxidation)	136	3.59E-13	1	2050.973	2.13	Salivary gland	2R:-:31483287-31483234	exon=> In CDS Exon 3 of transcript AGAP003052-PA
JHU_Ag_22445	AINLDATNPVFYCNR	AGAP003052-PA	C13(Carbamidomethyl)	55	4.73E-05	1	1767.851	1.64	Male reproductive organs	2R:-:31483843-31483799	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_23725	LEPDNQDYKNNLGVSQQFLEER	AGAP003052-PA	-	44	0.000580148	1	2636.267	3.18	Visceras	2R:-:31483630-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_27080	MMSDPAMHNILGQLGGMNNMDAL LETGR	AGAP003052-PA	M1(Oxidation), M2(Oxidation), M7(Oxidation), M17(Oxidation), M20(Oxidation)	158	8.83E-16	1	3097.349	-0.98	Ovary	2R:-:31483456-31483844,31483141-31483291	exon=> In CDS Exon 3 and 2 of transcript AGAP003052-PA
JHU_Ag_27566	AINLDATNPVFYCNR	AGAP003052-PA	C13(Carbamidomethyl)	50	0.000151398	2	1767.844	-2.71	Malpighian tubule	2R:-:31483843-31483799	exon=> In CDS Exon 2 of transcript AGAP003052-PA

JHU_Ag_30492	NNLGVSQQFLEER	AGAP003052-PA	-	76	4.06E-07	1	1533.768	1.76	Pupa	2R:-:31483603-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_32325	LAMQMSSENPELFNNVAR	AGAP003052-PA	M3(Oxidation), M5(Oxidation)	98	1.77E-09	1	2082.963	2.29	Malpighian tubule	2R:-:31483287-31483234	exon=> In CDS Exon 3 of transcript AGAP003052-PA
JHU_Ag_34109	SRNPGAAAGGAGANPLGNIDFASVINNPDMVQMATR	AGAP003052-PA	M30(Oxidation), M33(Oxidation)	65	4.00E-06	3	3586.715	0.51	Head	2R:-:31483564-31483457	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_35434	YQEALNTYTK	AGAP003052-PA	-	62	6.51E-06	1	1230.600	-0.17	Ovary	2R:-:31483949-31484285,31483428-31483844	exon=> In CDS Exon 2 and 1 of transcript AGAP003052-PA
JHU_Ag_39019	NPGAAAGGAGANPLGNIDFASVINNPDMVQMATR	AGAP003052-PA	M28(Oxidation), M31(Oxidation)	102	7.56E-10	1	3343.579	-0.05	Ovary	2R:-:31483558-31483457	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_39614	LGLAYSK	AGAP003052-PA	-	54	1.98E-05	1	751.434	-1.66	Ovary	2R:-:31483699-31483679	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_47451	MMSDPAMHNILGQLGGMNNMDALLETGRR	AGAP003052-PA	M1(Oxidation), M2(Oxidation), M7(Oxidation), M17(Oxidation), M20(Oxidation)	61	5.32E-06	1	3253.449	-1.23	Ovary	2R:-:31483456-31483844,31483141-31483288	exon=> In CDS Exon 3 and 2 of transcript AGAP003052-PA
JHU_Ag_50273	QAVTAYQNAIR	AGAP003052-PA	-	47	0.000288863	2	1234.653	-1.12	Salivary gland	2R:-:31483663-31483631	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_50871	NNLGVSQQFLEER	AGAP003052-PA	N1(Deamidated), N2(Deamidated)	44	0.000594687	1	1535.715	-12.48	Midgut	2R:-:31483603-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_54196	SRNPGAAAGGAGANPLGNIDFASVINNPDMVQMATR	AGAP003052-PA	M30(Oxidation), M33(Oxidation)	219	1.44E-21	1	3586.717	1.12	Ovary	2R:-:31483564-31483457	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_65805	QIDQPNFNEDSR	AGAP003052-PA	-	84	3.76E-08	1	1462.655	-0.73	Ovary	2R:-:31484216-31484181	exon=> In CDS Exon 1 of transcript AGAP003052-PA
JHU_Ag_71363	LGDYVR	AGAP003052-PA	-	40	0.001345357	2	722.384	1.15	Male reproductive organs	2R:-:31483780-31483763	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_74100	LGLAYSK	AGAP003052-PA	-	43	0.00033296	2	751.437	3.05	Salivary gland	2R:-:31483699-31483679	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_74210	LEPDNQDYKNNLGVSQQFLEER	AGAP003052-PA	-	97	2.86E-09	1	2636.263	1.44	Ovary	2R:-:31483630-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_75207	QAVTAYQNAIR	AGAP003052-PA	-	81	1.23E-07	2	1234.655	0.85	Ovary	2R:-:31483663-31483631	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_78564	SDSGISVDAK	AGAP003052-PA	N-Term(Acetyl)	55	4.61E-05	1	1020.483	-1.09	Male reproductive organs	2R:-:31484282-31484253	exon=> In CDS Exon 1 of transcript AGAP003052-PA
JHU_Ag_79993	LAMQMSSENPELFNNVAR	AGAP003052-PA	M3(Oxidation), M5(Oxidation)	129	1.76E-12	1	2082.957	-0.76	Ovary	2R:-:31483287-31483234	exon=> In CDS Exon 3 of transcript AGAP003052-PA
JHU_Ag_82851	LEPDNQDYKNNLGVSQQFLEER	AGAP003052-PA	-	39	0.001704985	1	2636.257	-0.64	Salivary gland	2R:-:31483630-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_83634	QMEQAGINLPR	AGAP003052-PA	M2(Oxidation)	73	7.25E-07	1	1272.637	0.64	Ovary	2R:-:31483233-31483201	exon=> In CDS Exon 3 of transcript AGAP003052-PA
JHU_Ag_88251	SDSGISVDAK	AGAP003052-PA	N-Term(Acetyl)	63	7.16E-06	1	1020.484	-0.07	Salivary gland	2R:-:31484282-31484253	exon=> In CDS Exon 1 of transcript AGAP003052-PA
JHU_Ag_91823	QAVTAYQNAIR	AGAP003052-PA	-	49	0.000214382	2	1234.651	-2.71	Head	2R:-:31483663-31483631	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_97437	NNLGVSQQFLEER	AGAP003052-PA	-	95	5.62E-09	1	1533.770	2.79	Salivary gland	2R:-:31483603-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_98766	QIDQPNFNEDSR	AGAP003052-PA	-	73	4.41E-07	2	1462.654	-0.89	Head	2R:-:31484216-31484181	exon=> In CDS Exon 1 of transcript AGAP003052-PA
JHU_Ag_101667	LGLAYSK	AGAP003052-PA	-	45	0.000236088	1	751.436	1.59	Malpighian tubule	2R:-:31483699-31483679	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_107377	NNLGVSQQFLEER	AGAP003052-PA	-	108	2.44E-10	1	1533.765	-0.47	Ovary	2R:-:31483603-31483565	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_107460	QIDQPNFNEDSR	AGAP003052-PA	-	67	1.80E-06	2	1462.657	0.78	Salivary gland	2R:-:31484216-31484181	exon=> In CDS Exon 1 of transcript AGAP003052-PA

JHU_Ag_109598	LAMQMSSENPELFNNVAR	AGAP003052-PA	M3(Oxidation), M5(Oxidation)	94	4.60E-09	1	2082.958	-0.05	Male reproductive organs	2R:-:31483287-31483234	exon=> In CDS Exon 3 of transcript AGAP003052-PA
JHU_Ag_111127	QMEQAGINLPR	AGAP003052-PA	M2(Oxidation)	49	0.000150389	2	1272.635	-1.38	Male reproductive organs	2R:-:31483233-31483201	exon=> In CDS Exon 3 of transcript AGAP003052-PA
JHU_Ag_114068	AINLDATNPVFYCNR	AGAP003052-PA	C13(Carbamidomethyl)	95	5.35E-09	2	1767.852	2.26	Salivary gland	2R:-:31483843-31483799	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_116537	SDSGISVDAK	AGAP003052-PA	N-Term(Acetyl)	66	4.08E-06	2	1020.484	-0.08	Ovary	2R:-:31484282-31484253	exon=> In CDS Exon 1 of transcript AGAP003052-PA
JHU_Ag_116562	LGLAYSK	AGAP003052-PA	-	37	0.000993142	2	751.434	-0.77	Male reproductive organs	2R:-:31483699-31483679	exon=> In CDS Exon 2 of transcript AGAP003052-PA
JHU_Ag_81009	DNLGPDVLSPIK	AGAP003057-PA	-	67	1.97E-06	2	1267.690	0.25	Head	2R:-:31600687-31600652	exon=> In CDS Exon 6 of transcript AGAP003057-PA
JHU_Ag_27087	DGVCHPVQQCPSVR	AGAP003058-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	64	4.20E-06	1	1638.749	0.9	Pupa	2R:-:31607155-31607114	exon=> In CDS Exon 1 of transcript AGAP003058-PA
JHU_Ag_37350	DVTICCPDGVTTVDR	AGAP003058-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	57	2.10E-05	2	1707.776	4.8	Head	2R:-:31607035-31606991	exon=> In CDS Exon 1 of transcript AGAP003058-PA
JHU_Ag_42405	AFECGLDTLADR	AGAP003058-PA	C4(Carbamidomethyl)	38	0.00151414	2	1367.623	-2.35	Larva	2R:-:31606951-31606916	exon=> In CDS Exon 1 of transcript AGAP003058-PA
JHU_Ag_53666	AFECGLDTLADR	AGAP003058-PA	C4(Carbamidomethyl)	51	7.71E-05	2	1367.624	-1.55	Pupa	2R:-:31606951-31606916	exon=> In CDS Exon 1 of transcript AGAP003058-PA
JHU_Ag_85146	INSYSIK	AGAP003059-PD,AGAP003059-PB,AGAP003059-PC,AGAP003059-PA	N2(Deamidated)	36	0.003176178	2	825.436	0.68	Midgut	2R:+:31713342-31713362;2R:+:31713342-31713362;2R:+:31713342-31713362;2R:+:31713342-31713362	exon=> In CDS Exon 2 of transcript AGAP003059-PD;exon=> In CDS Exon 2 of transcript AGAP003059-PB;exon=> In CDS Exon 3 of transcript AGAP003059-PC;exon=> In CDS Exon 3 of transcript AGAP003059-PA
JHU_Ag_5364	FLMDAGESIESVR	AGAP003063-PA	M3(Oxidation)	105	4.25E-10	1	1469.693	-0.51	Ovary	2R:+:31945466-31945504	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_6216	EKVAAEAR	AGAP003063-PA	-	36	0.005134675	2	873.475	-4.73	Head	2R:+:31945382-31945405	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_14285	YPDTAPLVEIEEPSNFHDGYEEELLEHIHK	AGAP003063-PA	-	47	0.000212535	1	3550.668	0.8	Midgut	2R:+:31945055-31945144	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_15796	FRLPIATTEYDPEVETEGLSCK	AGAP003063-PA	C21(Carbamidomethyl)	56	4.02E-05	3	2555.242	3.51	Midgut	2R:+:31944965-31945030	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_39857	VTVESFMAWK	AGAP003063-PA	M7(Oxidation)	40	0.001230257	2	1213.589	-2.64	Male reproductive organs	2R:+:31945313-31945342	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_45227	FRLPIATTEYDPEVETEGLSCK	AGAP003063-PA	C21(Carbamidomethyl)	74	6.06E-07	3	2555.249	5.94	Ovary	2R:+:31944965-31945030	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_52191	NHHEDQCNEIEALDSIYCGELEVLETEPHK	AGAP003063-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	68	1.41E-06	1	3608.619	7.89	Ovary	2R:+:31944875-31944964	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_84985	LPIATTEYDPEVETEGLSCK	AGAP003063-PA	C19(Carbamidomethyl)	74	5.60E-07	1	2252.064	-0.09	Midgut	2R:+:31944971-31945030	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_90352	YPDTAPLVEIEEPSNFHDGYEEELLEHIHK	AGAP003063-PA	-	52	7.17E-05	1	3550.665	-0.06	Ovary	2R:+:31945055-31945144	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_95766	ELFLSDNTLNESDLK	AGAP003063-PA	-	97	3.41E-09	2	1737.852	-1.01	Ovary	2R:+:31945421-31945465	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_104388	EKVAAEAR	AGAP003063-PA	-	37	0.004141391	2	873.479	0.23	Midgut	2R:+:31945382-31945405	exon=> In CDS Exon 1 of transcript AGAP003063-PA
JHU_Ag_34768	SVDFTEFLNIK	AGAP003064-PA,AGAP003061-PA	-	77	2.39E-07	1	1312.677	-1.4	Ovary	2R:-:31946825-31946793;2R:-:31932281-31932249	exon=> In CDS Exon 2 of transcript AGAP003064-PA;exon=> In CDS Exon 2 of transcript AGAP003061-PA

JHU_Ag_42252	KEDTVLAEEPAPTEVK	AGAP003064-PA,AGAP003061-PA	-	57	2.46E-05	2	1755.910	4.79	Male reproductive organs	2R:-:31946738-31946691;2R:-:31932194-31932147	exon=> In CDS Exon 2 of transcript AGAP003064-PA;exon=> In CDS Exon 2 of transcript AGAP003061-PA
JHU_Ag_60375	GCGQSFDPQNNTEDCVHHPGVPFFHDAYK	AGAP003064-PA,AGAP003061-PA	C2(Carbamidomethyl), C15(Carbamidomethyl)	62	3.92E-06	1	3360.431	2.7	Ovary	2R:-:31947023-31947050,31946130-31946850;2R:-:31932479-31932506,31931586-31932306	exon=> In CDS Exon 2 and 1 of transcript AGAP003064-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003061-PA
JHU_Ag_68194	SPTDAAAIEAGTVCK	AGAP003064-PA,AGAP003061-PA	C14(Carbamidomethyl)	46	0.000321461	2	1490.718	1.81	Salivary gland	2R:-:31946558-31946514;2R:-:31932014-31931970	exon=> In CDS Exon 2 of transcript AGAP003064-PA;exon=> In CDS Exon 2 of transcript AGAP003061-PA
JHU_Ag_69166	KEDTVLAEEPAPTEVK	AGAP003064-PA,AGAP003061-PA	-	54	4.38E-05	1	1755.904	1.59	Ovary	2R:-:31946738-31946691;2R:-:31932194-31932147	exon=> In CDS Exon 2 of transcript AGAP003064-PA;exon=> In CDS Exon 2 of transcript AGAP003061-PA
JHU_Ag_97196	GVIDVTQCK	AGAP003064-PA,AGAP003061-PA	C8(Carbamidomethyl)	48	0.000308801	1	1019.518	-1.4	Ovary	2R:-:31946132-31946896,31945814-31946036;2R:-:31931588-31932352,31931263-31931485	exon=> In CDS Exon 3 and 2 of transcript AGAP003064-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003061-PA
JHU_Ag_2316	EDQAVLYDVGHCSLAFHR	AGAP003067-PA	C12(Carbamidomethyl)	51	0.000123525	1	2116.986	-0.23	Head	2R:-:31953639-31953917,31953231-31953481	exon=> In CDS Exon 3 and 2 of transcript AGAP003067-PA
JHU_Ag_21459	IDTLVPSGIPHVATADTELAGFQIPK	AGAP003067-PA	-	39	0.00063974	1	2690.451	4.13	Head	2R:-:31952923-31952846	exon=> In CDS Exon 4 of transcript AGAP003067-PA
JHU_Ag_63676	TPDPEQHLTGVIR	AGAP003067-PA	-	67	2.80E-06	1	1462.769	3.09	Male reproductive organs	2R:-:31952593-31952555	exon=> In CDS Exon 4 of transcript AGAP003067-PA
JHU_Ag_64896	LVGLYLGPLPAVLVNDHETVR	AGAP003067-PA	-	28	0.003435853	1	2275.285	1.85	Head	2R:-:31954132-31954070	exon=> In CDS Exon 1 of transcript AGAP003067-PA
JHU_Ag_68840	TPDPEQHLTGVIR	AGAP003067-PA	-	42	0.000806061	2	1462.768	2.01	Head	2R:-:31952593-31952555	exon=> In CDS Exon 4 of transcript AGAP003067-PA
JHU_Ag_74281	LVGLYLGPLPAVLVNDHETVR	AGAP003067-PA	-	46	4.07E-05	1	2275.296	6.44	Visceras	2R:-:31954132-31954070	exon=> In CDS Exon 1 of transcript AGAP003067-PA
JHU_Ag_74977	DGPVHEHER	AGAP003067-PA	-	60	8.32E-06	1	1075.490	-1.1	Male reproductive organs	2R:-:31953771-31953745	exon=> In CDS Exon 2 of transcript AGAP003067-PA
JHU_Ag_3407	GFLPYVGMITIYMNEYPK	AGAP003069-PA	M8(Oxidation), M13(Oxidation)	77	3.05E-07	1	2168.047	1.42	Midgut	2R:+:31961175-31961228	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_4455	GLMVVTGSESPIVVVLSGSMEPAFHR	AGAP003069-PA	M3(Oxidation), M20(Oxidation)	69	1.30E-06	1	2731.385	2.01	Ovary	2R:+:31960792-31960869	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_5756	DIPIVHR	AGAP003069-PA	-	30	0.004502489	1	849.496	2.06	Midgut	2R:+:31960948-31960968	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_6786	VGEIVVFK	AGAP003069-PA	-	66	9.41E-07	2	890.535	0.51	Pupa	2R:+:31960912-31960935	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_28192	DIPIVHR	AGAP003069-PA	-	36	0.001790387	2	849.493	-1.11	Head	2R:+:31960948-31960968	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_41406	GLYAPGQLWLTK	AGAP003069-PA	-	50	0.000101327	1	1346.753	4.62	Larva	2R:+:31961115-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_41988	GDLLFLTNQDEPVR	AGAP003069-PA	-	93	9.39E-09	1	1616.830	1.05	Salivary gland	2R:+:31960870-31960911	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_42580	GMMDSLGLSGLAGGVQR	AGAP003069-PA	M2(Oxidation), M3(Oxidation)	101	1.31E-09	1	1680.811	4	Malpighian tubule	2R:+:31960574-31960624	exon=> In CDS Exon 1 of transcript AGAP003069-PA

JHU_Ag_44147	GLYAPGQLWLTK	AGAP003069-PA	-	84	4.03E-08	1	1346.750	2.54	Salivary gland	2R:+:31961115-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_45456	GDNNSVDDRGLYAPGQLWLTK	AGAP003069-PA	-	36	0.003620978	3	2319.140	1.53	Midgut	2R:+:31961088-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_51809	GLYAPGQLWLTK	AGAP003069-PA	-	59	1.27E-05	2	1346.749	1.99	Pupa	2R:+:31961115-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_53780	GMMDSLGLSGLAGGVQR	AGAP003069-PA	M2(Oxidation), M3(Oxidation)	107	3.22E-10	2	1680.801	-2.25	Midgut	2R:+:31960574-31960624	exon=> In CDS Exon 1 of transcript AGAP003069-PA
JHU_Ag_55090	GLYAPGQLWLTK	AGAP003069-PA	-	75	3.08E-07	2	1346.747	0.27	Midgut	2R:+:31961115-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_59903	GDNNSVDDR	AGAP003069-PA	-	37	0.000387649	2	991.407	-0.5	Midgut	2R:+:31961088-31961114	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_71741	GDLLFLTNQDEPVR	AGAP003069-PA	-	111	1.42E-10	1	1616.836	4.67	Larva	2R:+:31960870-31960911	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_73946	GMMDSLGLSGLAGGVQR	AGAP003069-PA	M2(Oxidation), M3(Oxidation)	55	5.53E-05	2	1680.808	2.26	Male reproductive organs	2R:+:31960574-31960624	exon=> In CDS Exon 1 of transcript AGAP003069-PA
JHU_Ag_75094	GDLLFLTNQDEPVR	AGAP003069-PA	-	89	2.30E-08	2	1616.827	-0.69	Midgut	2R:+:31960870-31960911	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_77043	GFLPYVGMITIYMNEYPK	AGAP003069-PA	M8(Oxidation), M13(Oxidation)	50	0.0001635	2	2168.059	6.71	Larva	2R:+:31961175-31961228	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_78804	GMMDSLGLSGLAGGVQR	AGAP003069-PA	M2(Oxidation), M3(Oxidation)	39	0.002097951	2	1680.813	5.23	Larva	2R:+:31960574-31960624	exon=> In CDS Exon 1 of transcript AGAP003069-PA
JHU_Ag_79659	VGEIVVFK	AGAP003069-PA	-	71	3.05E-07	2	890.537	3.04	Larva	2R:+:31960912-31960935	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_80567	GMMDSLGLSGLAGGVQR	AGAP003069-PA	M2(Oxidation), M3(Oxidation)	112	1.12E-10	1	1680.805	0.08	Ovary	2R:+:31960574-31960624	exon=> In CDS Exon 1 of transcript AGAP003069-PA
JHU_Ag_80904	VGEIVVFK	AGAP003069-PA	-	63	2.18E-06	2	890.536	1.81	Midgut	2R:+:31960912-31960935	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_86028	GLYAPGQLWLTK	AGAP003069-PA	-	49	0.000135951	1	1346.749	1.63	Head	2R:+:31961115-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_86156	GMMDSLGLSGLAGGVQR	AGAP003069-PA	M2(Oxidation), M3(Oxidation)	124	6.32E-12	1	1648.816	0.72	Salivary gland	2R:+:31960574-31960624	exon=> In CDS Exon 1 of transcript AGAP003069-PA
JHU_Ag_87063	GLMVVTGSESPIVVVLSGSMEPAFHR	AGAP003069-PA	M20(Oxidation)	40	0.001024014	1	2715.385	0.3	Salivary gland	2R:+:31960792-31960869	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_99776	GDLLFLTNQDEPVR	AGAP003069-PA	-	100	1.89E-09	1	1616.831	2.03	Head	2R:+:31960870-31960911	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_101296	GLMVVTGSESPIVVVLSGSMEPAFHR	AGAP003069-PA	M3(Oxidation), M20(Oxidation)	69	1.61E-06	1	2731.380	0.13	Midgut	2R:+:31960792-31960869	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_101583	GLYAPGQLWLTK	AGAP003069-PA	-	48	0.000173135	2	1346.750	2.54	Visceras	2R:+:31961115-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_102948	GDLLFLTNQDEPVR	AGAP003069-PA	-	104	7.01E-10	1	1616.832	2.79	Pupa	2R:+:31960870-31960911	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_106950	GLYAPGQLWLTK	AGAP003069-PA	-	37	0.001974166	2	1346.750	2.72	Malpighian tubule	2R:+:31961115-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_111972	DIPIVHR	AGAP003069-PA	-	43	0.000378396	1	849.493	-1.18	Ovary	2R:+:31960948-31960968	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_112835	GDNNSVDDRGLYAPGQLWLTK	AGAP003069-PA	-	83	8.41E-08	1	2319.145	3.66	Malpighian tubule	2R:+:31961088-31961150	exon=> In CDS Exon 3 of transcript AGAP003069-PA
JHU_Ag_115271	VGEIVVFK	AGAP003069-PA	-	57	8.04E-06	2	890.537	2.36	Salivary gland	2R:+:31960912-31960935	exon=> In CDS Exon 2 of transcript AGAP003069-PA
JHU_Ag_1919	RVPAFTVQACQR	AGAP003071-PA	C10(Carbamidomethyl)	46	0.000417301	2	1432.746	-1.27	Male reproductive organs	2R:+:32002105-32002140	exon=> In CDS Exon 1 of transcript AGAP003071-PA
JHU_Ag_34711	YMVPTYESCVYNR	AGAP003071-PA	M2(Oxidation), C9(Carbamidomethyl)	64	2.94E-06	2	1697.732	1.12	Male reproductive organs	2R:+:32013726-32013764	exon=> In CDS Exon 4 of transcript AGAP003071-PA
JHU_Ag_51401	VPAFTVQACQR	AGAP003071-PA	C9(Carbamidomethyl)	80	1.84E-07	1	1276.647	0.23	Male reproductive organs	2R:+:32002108-32002140	exon=> In CDS Exon 1 of transcript AGAP003071-PA

JHU_Ag_71065	VGPSIGIALVPYYR	AGAP003071-PA	-	101	4.19E-10	1	1504.854	0.85	Male reproductive organs	2R:+:32009388-32009391,32013532-32013569	exon=> In CDS Exon 3 and 4 of transcript AGAP003071-PA
JHU_Ag_80040	PSTSCWCQPR	AGAP003071-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	63	2.29E-06	2	1278.535	-0.48	Male reproductive organs	2R:+:32002054-32002083	exon=> In CDS Exon 1 of transcript AGAP003071-PA
JHU_Ag_88059	VNIGDHIDFR	AGAP003071-PA	-	38	0.001474101	1	1185.600	-0.96	Male reproductive organs	2R:+:32013609-32013638	exon=> In CDS Exon 4 of transcript AGAP003071-PA
JHU_Ag_85932	LGPVGFFK	AGAP003073-PB	-	42	0.000393938	1	864.500	2.89	Malpighian tubule	2R:-:32123480-32123457	exon=> In CDS Exon 2 of transcript AGAP003073-PB
JHU_Ag_86636	LGPVGFFKGFVPR	AGAP003073-PB	-	28	0.005728858	1	1420.815	3.49	Malpighian tubule	2R:-:32123480-32123442	exon=> In CDS Exon 2 of transcript AGAP003073-PB
JHU_Ag_1689	VYREEGFAR	AGAP003074-PB	-	43	0.000460769	1	1126.566	1.83	Malpighian tubule	2R:-:32125894-32125868	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_4144	VYREEGFAR	AGAP003074-PB	-	55	3.78E-05	1	1126.562	-2.08	Head	2R:-:32125894-32125868	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_6326	AALAGAAGAAGGFVGTPADMVNVR	AGAP003074-PB	M20(Oxidation)	113	7.27E-11	1	2144.102	4.89	Malpighian tubule	2R:-:32126101-32126030	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_10533	TQGVLALYNGLSASLLR	AGAP003074-PB	N9(Deamidated)	63	1.52E-06	1	1777.006	11.49	Midgut	2R:-:32126236-32126186	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_15393	AMNAKPGEFSGVWDIVR	AGAP003074-PB	M2(Oxidation)	82	1.18E-07	1	1892.940	3.75	Malpighian tubule	2R:-:32125666-32125616	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_18761	ISLLQLTGK	AGAP003074-PB	-	53	1.39E-05	1	972.612	3.22	Malpighian tubule	2R:-:32126272-32126246	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_21881	TQGVLALYNGLSASLLR	AGAP003074-PB	-	92	2.10E-09	2	1775.999	-1.49	Visceras	2R:-:32126236-32126186	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_22831	LFSGASTATSR	AGAP003074-PB	-	81	9.66E-08	2	1097.560	0.92	Malpighian tubule	2R:-:32125867-32125835	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_30620	ISLLQLTGK	AGAP003074-PB	-	64	1.30E-06	2	972.609	0.52	Male reproductive organs	2R:-:32126272-32126246	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_32517	LFSGASTATSR	AGAP003074-PB	-	62	6.44E-06	2	1097.560	1.36	Male reproductive organs	2R:-:32125867-32125835	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_44771	AALAGAAGAAGGFVGTPADMVNVR	AGAP003074-PB	M20(Oxidation)	64	6.10E-06	2	2160.088	0.66	Male reproductive organs	2R:-:32126101-32126030	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_55218	AMNAKPGEFSGVWDIVRFTAR	AGAP003074-PB	M2(Oxidation)	106	3.33E-10	1	2368.191	1.59	Malpighian tubule	2R:-:32125666-32125604	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_59318	VTLQTQQEGK	AGAP003074-PB	-	48	0.000220731	2	1131.602	1.22	Head	2R:-:32126302-32126273	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_62564	AMNAKPGEFSGVWDIVR	AGAP003074-PB	M2(Oxidation),"M2(Oxidation), N3(Deamidated)"	51	0.00015132	1	1892.932	-0.12	Midgut	2R:-:32125666-32125616	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_64194	AMNAKPGEFSGVWDIVR	AGAP003074-PB	M2(Oxidation)	41	0.001352077	1	1892.934	0.95	Male reproductive organs	2R:-:32125666-32125616	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_64363	LGPLGFFK	AGAP003074-PB	-	53	3.63E-05	2	878.513	-0.03	Male reproductive organs	2R:-:32125603-32125580	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_75279	TQGVLALYNGLSASLLR	AGAP003074-PB	-	135	1.00E-13	2	1776.004	1.6	Head	2R:-:32126236-32126186	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_76262	FGIYEVGK	AGAP003074-PB	-	38	0.001342218	2	912.481	-2.13	Midgut	2R:-:32126161-32126138	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_78974	LGPLGFFKGYVPAFVR	AGAP003074-PB	-	73	1.79E-07	1	1768.000	3.17	Malpighian tubule	2R:-:32125603-32125556	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_86410	LGPLGFFK	AGAP003074-PB	-	43	0.000452361	2	878.514	0.25	Head	2R:-:32125603-32125580	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_90156	LFSGASTATSR	AGAP003074-PB	-	64	4.23E-06	2	1097.557	-1.75	Head	2R:-:32125867-32125835	exon=> In CDS Exon 2 of transcript AGAP003074-PB
JHU_Ag_95373	LGPLGFFK	AGAP003074-PB	-	40	0.000857192	2	878.512	-1.97	Midgut	2R:-:32125603-32125580	exon=> In CDS Exon 2 of transcript AGAP003074-PB

JHU_Ag_96160	AALAGAAGAAGGFVGTPADMVNVR	AGAP003074-PB	M20(Oxidation)	123	8.92E-12	2	2160.084	-1.38	Head	2R:-:32126101-32126030	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_99357	FGIYEVGK	AGAP003074-PB	-	48	0.000133035	2	912.482	-0.52	Head	2R:-:32126161-32126138	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_104460	VTLQTQQEGK	AGAP003074-PB	-	64	6.36E-06	2	1131.604	3.27	Male reproductive organs	2R:-:32126302-32126273	exon=> In CDS Exon 1 of transcript AGAP003074-PB
JHU_Ag_5288	VTLVQEQSGVDGAFLLAMLLTNHLK	AGAP003075-PB	M18(Oxidation)	62	2.76E-06	1	2713.466	2.32	Ovary	2R:+:32136313-32136387	exon=> In CDS Exon 1 of transcript AGAP003075-PB
JHU_Ag_5608	VNQLLQQSK	AGAP003077-PA	-	50	0.00012168	1	1057.603	2.38	Larva	2R:-:32242800-32242774	exon=> In CDS Exon 1 of transcript AGAP003077-PA
JHU_Ag_45417	LPDDTIPLHYDLLLHPDLEKK	AGAP003077-PA	-	43	0.000235814	1	2485.334	0.03	Midgut	2R:-:32242113-32242051	exon=> In CDS Exon 2 of transcript AGAP003077-PA
JHU_Ag_47131	VNQLLQQSK	AGAP003077-PA	-	71	1.01E-06	1	1057.600	-0.16	Midgut	2R:-:32242800-32242774	exon=> In CDS Exon 1 of transcript AGAP003077-PA
JHU_Ag_54845	LPDDTIPLHYDLLLHPDLEK	AGAP003077-PA	-	107	1.78E-10	1	2357.253	5.83	Larva	2R:-:32242113-32242054	exon=> In CDS Exon 2 of transcript AGAP003077-PA
JHU_Ag_68922	LPDDTIPLHYDLLLHPDLEK	AGAP003077-PA	-	120	8.35E-12	1	2357.238	-0.17	Midgut	2R:-:32242113-32242054	exon=> In CDS Exon 2 of transcript AGAP003077-PA
JHU_Ag_7960	TLGTGAEEVTIAR	AGAP003077-PB	-	107	2.76E-10	1	1317.706	3.73	Malpighian tubule	2R:-:32235640-32235602	exon=> In CDS Exon 1 of transcript AGAP003077-PB
JHU_Ag_31662	KLSITETVLR	AGAP003077-PB	-	34	0.000997075	2	1159.703	-0.98	Midgut	2R:-:32235670-32235641	exon=> In CDS Exon 1 of transcript AGAP003077-PB
JHU_Ag_49465	HIRPVHYELWLQPDLQR	AGAP003077-PB	-	55	1.72E-05	1	2200.193	6.84	Ovary	2R:-:32235796-32235746	exon=> In CDS Exon 1 of transcript AGAP003077-PB
JHU_Ag_50602	KLSITETVLR	AGAP003077-PB	-	45	6.39E-05	2	1159.705	0.39	Salivary gland	2R:-:32235670-32235641	exon=> In CDS Exon 1 of transcript AGAP003077-PB
JHU_Ag_79620	KLSITETVLR	AGAP003077-PB	-	40	0.000218794	2	1159.707	1.76	Malpighian tubule	2R:-:32235670-32235641	exon=> In CDS Exon 1 of transcript AGAP003077-PB
JHU_Ag_85415	HIRPVHYELWLQPDLQR	AGAP003077-PB	-	42	0.000475589	3	2200.176	-0.9	Midgut	2R:-:32235796-32235746	exon=> In CDS Exon 1 of transcript AGAP003077-PB
JHU_Ag_91948	TLGTGAEEVTIAR	AGAP003077-PB	-	56	3.48E-05	2	1317.705	3.27	Ovary	2R:-:32235640-32235602	exon=> In CDS Exon 1 of transcript AGAP003077-PB
JHU_Ag_9346	YLSGETEYVPWSAIASK	AGAP003077-PB,AGAP003077-PA	-	65	4.87E-06	2	1900.935	1.03	Male reproductive organs	2R:-:32233524-32233474;2R:-:32233524-32233474	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_9410	FLDLSWDTALVR	AGAP003077-PB,AGAP003077-PA	-	58	1.75E-05	2	1435.769	7.51	Pupa	2R:-:32232884-32232849;2R:-:32232884-32232849	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_10139	ETSILYNSETSSTANK	AGAP003077-PB,AGAP003077-PA	-	51	0.000118937	2	1744.824	0.24	Salivary gland	2R:-:32234487-32234440;2R:-:32234487-32234440	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_10187	ETSILYNSETSSTANK	AGAP003077-PB,AGAP003077-PA	-	97	2.71E-09	2	1744.823	-0.53	Midgut	2R:-:32234487-32234440;2R:-:32234487-32234440	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_10517	LTELEDFFARYPESGAGATAR	AGAP003077-PB,AGAP003077-PA	-	88	2.88E-08	1	2301.120	2.26	Malpighian tubule	2R:-:32232671-32232609;2R:-:32232671-32232609	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_10616	ETSILYNSETSSTANK	AGAP003077-PB,AGAP003077-PA	-	57	2.67E-05	2	1744.826	1.35	Head	2R:-:32234487-32234440;2R:-:32234487-32234440	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA

JHU_Ag_12092	ETVADKPSAGLSTTTFER	AGAP003077-PB,AGAP003077-PA	-	59	1.97E-05	1	1909.952	1.14	Malpighian tubule	2R:-:32234823-32234770;2R:-:32234823-32234770	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_12712	SVGWEVPAEGGHMTNLLR	AGAP003077-PB,AGAP003077-PA	M13(Oxidation)	50	0.000171997	1	1968.962	1.07	Midgut	2R:-:32233304-32233340,32232510-32233152;2R:-:32233304-32233340,32232510-32233152	exon=> In CDS Exon 4 and 3 of transcript AGAP003077-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP003077-PA
JHU_Ag_13446	ELDELVPDVSVTDVMDTFTR	AGAP003077-PB,AGAP003077-PA	M15(Oxidation)	35	0.004746928	1	2297.092	2.78	Midgut	2R:-:32234028-32233969;2R:-:32234028-32233969	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_22585	AEYTIHMVHPSGDGYAALSNMNVK	AGAP003077-PB,AGAP003077-PA	M7(Oxidation), M21(Oxidation)	49	0.00018211	1	2605.213	-1.8	Midgut	2R:-:32234895-32234824;2R:-:32234895-32234824	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_22776	NLLYNYQSYDDITTYTQTLVDAAVK	AGAP003077-PB,AGAP003077-PA	-	67	2.70E-06	1	2912.422	0.57	Midgut	2R:-:32233458-32234971,32233261-32233305;2R:-:32233458-32234971,32233261-32233305	exon=> In CDS Exon 3 and 2 of transcript AGAP003077-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP003077-PA
JHU_Ag_22834	YLSGETEYVPWSAIASK	AGAP003077-PB,AGAP003077-PA	-	117	3.37E-11	2	1900.931	-0.9	Midgut	2R:-:32233524-32233474;2R:-:32233524-32233474	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_22867	WYIPITYLASTDDPATAAPR	AGAP003077-PB,AGAP003077-PA	-	97	3.03E-09	1	2222.105	-3.43	Midgut	2R:-:32233848-32233789;2R:-:32233848-32233789	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_23394	FRQENDANEK	AGAP003077-PB,AGAP003077-PA	-	51	9.10E-05	1	1250.576	0.03	Midgut	2R:-:32232968-32232939;2R:-:32232968-32232939	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_27356	GLPVVTVAENALQYVLR	AGAP003077-PB,AGAP003077-PA	-	100	2.87E-10	1	1842.055	3.31	Malpighian tubule	2R:-:32233962-32233912;2R:-:32233962-32233912	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_28226	TQDQLSCIQYIAANR	AGAP003077-PB,AGAP003077-PA	C7(Carbamidomethyl)	84	6.23E-08	2	1780.875	5.53	Malpighian tubule	2R:-:32232848-32232804;2R:-:32232848-32232804	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_29692	YLSGETEYVPWSAIASK	AGAP003077-PB,AGAP003077-PA	-	106	3.27E-10	2	1900.935	1.42	Malpighian tubule	2R:-:32233524-32233474;2R:-:32233524-32233474	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_33212	LTELEDFFAR	AGAP003077-PB,AGAP003077-PA	-	76	2.87E-07	1	1240.624	2.56	Malpighian tubule	2R:-:32232671-32232642;2R:-:32232671-32232642	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_34667	YLSGETEYVPWSAIASK	AGAP003077-PB,AGAP003077-PA	-	66	3.32E-06	2	1900.938	2.96	Salivary gland	2R:-:32233524-32233474;2R:-:32233524-32233474	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA

JHU_Ag_36393	TTILDLACSFGHPACLEEASK	AGAP003077-PB,AGAP003077-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	56	4.36E-05	1	2320.097	0.81	Midgut	2R:-:32233151-32233089;2R:-:32233151-32233089	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_38446	FLDLSWDTALVR	AGAP003077-PB,AGAP003077-PA	-	65	4.28E-06	2	1435.764	4.28	Malpighian tubule	2R:-:32232884-32232849;2R:-:32232884-32232849	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_38714	LMVALASYPDQR	AGAP003077-PB,AGAP003077-PA	M2(Oxidation)	66	4.40E-06	2	1379.698	-0.3	Male reproductive organs	2R:-:32232932-32232897;2R:-:32232932-32232897	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_41565	YFGIAYPLPK	AGAP003077-PB,AGAP003077-PA	-	45	0.000260412	2	1168.643	2.33	Pupa	2R:-:32234586-32234557;2R:-:32234586-32234557	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_41979	LTELEDFFAR	AGAP003077-PB,AGAP003077-PA	-	55	3.87E-05	2	1240.622	0.69	Ovary	2R:-:32232671-32232642;2R:-:32232671-32232642	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_42577	YFGIAYPLPK	AGAP003077-PB,AGAP003077-PA	-	43	0.000363631	1	1168.641	0.56	Malpighian tubule	2R:-:32234586-32234557;2R:-:32234586-32234557	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_43376	FLADQDANETEESPYGYR	AGAP003077-PB,AGAP003077-PA	-	100	5.49E-10	1	2104.908	-0.71	Ovary	2R:-:32233902-32233849;2R:-:32233902-32233849	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_44834	NEANVAAWLK	AGAP003077-PB,AGAP003077-PA	-	72	9.18E-07	2	1115.584	-0.37	Midgut	2R:-:32232560-32232531;2R:-:32232560-32232531	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_45194	FLDLSWDTALVR	AGAP003077-PB,AGAP003077-PA	-	97	2.96E-09	1	1435.760	1.05	Midgut	2R:-:32232884-32232849;2R:-:32232884-32232849	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_47792	GLPVVTVAENALQYVLR	AGAP003077-PB,AGAP003077-PA	-	131	2.73E-13	2	1842.050	0.83	Midgut	2R:-:32233962-32233912;2R:-:32233962-32233912	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_48273	SVVYTYGIQSGVTVADWDK	AGAP003077-PB,AGAP003077-PA	-	107	3.58E-10	2	2088.026	-1.11	Midgut	2R:-:32233037-32232981;2R:-:32233037-32232981	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_50874	FLDLSWDTALVR	AGAP003077-PB,AGAP003077-PA	-	48	0.000166305	2	1435.765	4.79	Head	2R:-:32232884-32232849;2R:-:32232884-32232849	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_53089	IWFPNDASRPELVIDKPAGSSWIK	AGAP003077-PB,AGAP003077-PA	-	34	0.003592973	1	2726.418	-4.32	Midgut	2R:-:32233785-32233714;2R:-:32233785-32233714	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_53776	YFGIAYPLPK	AGAP003077-PB,AGAP003077-PA	-	41	0.000686746	2	1168.642	1.39	Midgut	2R:-:32234586-32234557;2R:-:32234586-32234557	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA

JHU_Ag_53940	GLPVVTVAENALQYVLR	AGAP003077-PB,AGAP003077-PA	-	38	0.000450789	2	1842.058	5.21	Pupa	2R:-:32233962-32233912;2R:-:32233962-32233912	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_55243	ETVADKPSAGLSTTTFER	AGAP003077-PB,AGAP003077-PA	-	121	1.16E-11	1	1909.948	-1.09	Midgut	2R:-:32234823-32234770;2R:-:32234823-32234770	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_56170	FLDLSWDTALVR	AGAP003077-PB,AGAP003077-PA	-	80	1.49E-07	1	1435.763	3.43	Ovary	2R:-:32232884-32232849;2R:-:32232884-32232849	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_57743	FRQENDANEK	AGAP003077-PB,AGAP003077-PA	-	39	0.001454801	1	1250.575	-0.85	Salivary gland	2R:-:32232968-32232939;2R:-:32232968-32232939	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_58536	FLADQDANETEESPYGYR	AGAP003077-PB,AGAP003077-PA	-	86	1.34E-08	1	2104.910	0.34	Salivary gland	2R:-:32233902-32233849;2R:-:32233902-32233849	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_60458	VNYPIAMWQQFGEALRK	AGAP003077-PB,AGAP003077-PA	M7(Oxidation)	46	0.0003942	1	2051.052	-0.76	Midgut	2R:-:32233683-32233633;2R:-:32233683-32233633	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_61334	WYIPITYLASTDDPATAAPR	AGAP003077-PB,AGAP003077-PA	-	59	1.55E-05	2	2222.130	7.67	Visceras	2R:-:32233848-32233789;2R:-:32233848-32233789	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_62770	LMVALASYPDQR	AGAP003077-PB,AGAP003077-PA	M2(Oxidation)	73	8.88E-07	2	1379.700	0.58	Salivary gland	2R:-:32232932-32232897;2R:-:32232932-32232897	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_63222	AGEQAAWEHVR	AGAP003077-PB,AGAP003077-PA	-	33	0.007001422	3	1253.602	0.18	Head	2R:-:32232803-32232771;2R:-:32232803-32232771	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_63619	LTELEDFFAR	AGAP003077-PB,AGAP003077-PA	-	67	2.57E-06	2	1240.624	2.17	Pupa	2R:-:32232671-32232642;2R:-:32232671-32232642	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_64982	AGEQAAWEHVR	AGAP003077-PB,AGAP003077-PA	-	64	6.44E-06	1	1253.602	0.04	Male reproductive organs	2R:-:32232803-32232771;2R:-:32232803-32232771	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_66631	AGEQAAWEHVR	AGAP003077-PB,AGAP003077-PA	-	54	6.59E-05	1	1253.602	-0.04	Midgut	2R:-:32232803-32232771;2R:-:32232803-32232771	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_67507	LTELEDFFARYPESGAGATAR	AGAP003077-PB,AGAP003077-PA	-	145	5.94E-14	1	2301.118	1.3	Ovary	2R:-:32232671-32232609;2R:-:32232671-32232609	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_71555	YPESGAGATAR	AGAP003077-PB,AGAP003077-PA	-	38	0.002313057	2	1079.512	0.44	Midgut	2R:-:32232641-32232609;2R:-:32232641-32232609	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA

JHU_Ag_74802	RIWFPNDASRPELVIDKPAGSSWIK	AGAP003077-PB,AGAP003077-PA	-	63	2.82E-06	1	2882.533	0.62	Midgut	2R:-:32233788-32233714;2R:-:32233788-32233714	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_75711	WYIPITYLASTDDPATAAPR	AGAP003077-PB,AGAP003077-PA	-	44	0.000485859	2	2222.125	5.58	Ovary	2R:-:32233848-32233789;2R:-:32233848-32233789	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_77177	NEANVAAWLK	AGAP003077-PB,AGAP003077-PA	-	37	0.00269659	2	1115.583	-1.13	Head	2R:-:32232560-32232531;2R:-:32232560-32232531	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_79028	AGEQAAWEHVR	AGAP003077-PB,AGAP003077-PA	-	77	3.07E-07	1	1253.608	4.38	Salivary gland	2R:-:32232803-32232771;2R:-:32232803-32232771	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_83667	QALENIQNNISWLER	AGAP003077-PB,AGAP003077-PA	-	42	0.00081186	2	1827.937	1.14	Head	2R:-:32232605-32232561;2R:-:32232605-32232561	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_84516	FLADQDANETEESPYGYR	AGAP003077-PB,AGAP003077-PA	-	143	3.00E-14	2	2104.910	0.22	Head	2R:-:32233902-32233849;2R:-:32233902-32233849	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_85702	FLADQDANETEESPYGYR	AGAP003077-PB,AGAP003077-PA	-	141	4.17E-14	1	2104.901	-3.84	Midgut	2R:-:32233902-32233849;2R:-:32233902-32233849	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_88547	QKGLPVVTVAENALQYVLR	AGAP003077-PB,AGAP003077-PA	-	45	6.75E-05	1	2098.192	-4.59	Midgut	2R:-:32233968-32233912;2R:-:32233968-32233912	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_89180	QALENIQNNISWLER	AGAP003077-PB,AGAP003077-PA	Q1(Deamidated)	90	1.49E-08	1	1827.928	-4.01	Midgut	2R:-:32232605-32232561;2R:-:32232605-32232561	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_89395	EVNTFTIGDR	AGAP003077-PB,AGAP003077-PA	-	46	0.000434908	2	1151.571	1.45	Pupa	2R:-:32233632-32233603;2R:-:32233632-32233603	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_89909	ETSILYNSETSSTANK	AGAP003077-PB,AGAP003077-PA	-	47	0.00029189	2	1744.827	1.7	Male reproductive organs	2R:-:32234487-32234440;2R:-:32234487-32234440	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_92889	EVNTFTIGDR	AGAP003077-PB,AGAP003077-PA	-	56	4.00E-05	2	1151.569	-0.46	Midgut	2R:-:32233632-32233603;2R:-:32233632-32233603	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_93021	LMVALASYPDQR	AGAP003077-PB,AGAP003077-PA	M2(Oxidation)	87	3.48E-08	2	1379.699	-0.12	Midgut	2R:-:32232932-32232897;2R:-:32232932-32232897	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_94027	VNYPIAMWQQFGEALR	AGAP003077-PB,AGAP003077-PA	M7(Oxidation)	88	2.51E-08	1	1938.952	-0.69	Midgut	2R:-:32233683-32233636;2R:-:32233683-32233636	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA

JHU_Ag_96186	LTELEDFFAR	AGAP003077-PB,AGAP003077-PA	-	54	5.01E-05	2	1240.622	0.99	Head	2R:-:32232671-32232642;2R:-:32232671-32232642	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_96217	TQDQLSCIQYIAANR	AGAP003077-PB,AGAP003077-PA	C7(Carbamidomethyl)	56	4.13E-05	2	1780.867	1.14	Male reproductive organs	2R:-:32232848-32232804;2R:-:32232848-32232804	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_99127	VYATPFQQENTAYALATAR	AGAP003077-PB,AGAP003077-PA	-	119	2.22E-11	1	2115.047	-1.74	Midgut	2R:-:32234667-32234611;2R:-:32234667-32234611	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_100539	LTELEDFFAR	AGAP003077-PB,AGAP003077-PA	-	58	1.82E-05	2	1240.620	-0.68	Male reproductive organs	2R:-:32232671-32232642;2R:-:32232671-32232642	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_102819	TGLLNDAFALADASLLAYNHALELTR	AGAP003077-PB,AGAP003077-PA	-	176	2.21E-17	1	2773.453	0.45	Midgut	2R:-:32233602-32233525;2R:-:32233602-32233525	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_105853	RQALENIQNNISWLER	AGAP003077-PB,AGAP003077-PA	-	33	0.005643861	3	1984.039	1.48	Head	2R:-:32232608-32232561;2R:-:32232608-32232561	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_110489	TQDQLSCIQYIAANR	AGAP003077-PB,AGAP003077-PA	Q2(Deamidated),C7(Carbamidomethyl),"Q4(Deamidated),C7(Carbamidomethyl)",C7(Carbamidomethyl)	128	3.09E-12	1	1780.863	-0.85	Midgut	2R:-:32232848-32232804;2R:-:32232848-32232804	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_111634	EVNTFTIGDR	AGAP003077-PB,AGAP003077-PA	-	57	2.63E-05	2	1151.569	0.18	Salivary gland	2R:-:32233632-32233603;2R:-:32233632-32233603	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_111648	YLSGETEYVPWSAIASK	AGAP003077-PB,AGAP003077-PA	-	91	1.25E-08	2	1900.935	1.16	Head	2R:-:32233524-32233474;2R:-:32233524-32233474	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_112092	MLEDFVTPPVFQQGVK	AGAP003077-PB,AGAP003077-PA	M1(Oxidation)	75	4.61E-07	2	1850.937	0.75	Midgut	2R:-:32234130-32234083;2R:-:32234130-32234083	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_112884	YLSGETEYVPWSAIASK	AGAP003077-PB,AGAP003077-PA	-	92	8.34E-09	2	1900.930	-1.47	Ovary	2R:-:32233524-32233474;2R:-:32233524-32233474	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_113131	EVNTFTIGDR	AGAP003077-PB,AGAP003077-PA	-	59	2.02E-05	2	1151.572	2.72	Malpighian tubule	2R:-:32233632-32233603;2R:-:32233632-32233603	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_113797	LTELEDFFAR	AGAP003077-PB,AGAP003077-PA	-	88	2.02E-08	1	1240.620	-0.39	Midgut	2R:-:32232671-32232642;2R:-:32232671-32232642	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA

JHU_Ag_115243	GLPVVTVAENALQYVLR	AGAP003077-PB,AGAP003077-PA	-	83	1.42E-08	1	1842.057	4.4	Ovary	2R:-:32233962-32233912;2R:-:32233962-32233912	exon=> In CDS Exon 2 of transcript AGAP003077-PB;exon=> In CDS Exon 4 of transcript AGAP003077-PA
JHU_Ag_115282	TQDQLSCIQYIAANR	AGAP003077-PB,AGAP003077-PA	C7(Carbamidomethyl)	75	6.02E-07	2	1780.869	2.31	Ovary	2R:-:32232848-32232804;2R:-:32232848-32232804	exon=> In CDS Exon 4 of transcript AGAP003077-PB;exon=> In CDS Exon 6 of transcript AGAP003077-PA
JHU_Ag_1534	LHLVLK	AGAP003078-PB	-	29	0.000397302	1	722.493	0.45	Head	2R:-:32247019-32247002	exon=> In CDS Exon 5 of transcript AGAP003078-PB
JHU_Ag_4353	YTDAGFLLQELDR	AGAP003078-PB	-	79	1.66E-07	2	1540.770	3.61	Pupa	2R:-:32247367-32247329	exon=> In CDS Exon 4 of transcript AGAP003078-PB
JHU_Ag_4982	LHLVLK	AGAP003078-PB	-	25	0.000939986	1	722.494	2.73	Ovary	2R:-:32247019-32247002	exon=> In CDS Exon 5 of transcript AGAP003078-PB
JHU_Ag_10773	VPGWAHVVPSVAAVNSYTF	AGAP003078-PB	-	32	0.00905299	2	2001.023	0.14	Head	2R:-:32246644-32246588	exon=> In CDS Exon 6 of transcript AGAP003078-PB
JHU_Ag_20015	YTDAGFLLQELDR	AGAP003078-PB	-	47	0.000267803	2	1540.770	3.69	Visceras	2R:-:32247367-32247329	exon=> In CDS Exon 4 of transcript AGAP003078-PB
JHU_Ag_21523	AFINLESAGSGGK	AGAP003078-PB	-	82	8.71E-08	2	1250.637	-0.77	Midgut	2R:-:32248741-32248703	exon=> In CDS Exon 3 of transcript AGAP003078-PB
JHU_Ag_25146	AFINLESAGSGGK	AGAP003078-PB	-	72	1.06E-06	1	1250.641	2.55	Salivary gland	2R:-:32248741-32248703	exon=> In CDS Exon 3 of transcript AGAP003078-PB
JHU_Ag_31324	LHLVLK	AGAP003078-PB	-	27	0.000621042	1	722.492	-0.31	Salivary gland	2R:-:32247019-32247002	exon=> In CDS Exon 5 of transcript AGAP003078-PB
JHU_Ag_42959	LHLVLK	AGAP003078-PB	-	26	0.000674716	1	722.495	3.07	Larva	2R:-:32247019-32247002	exon=> In CDS Exon 5 of transcript AGAP003078-PB
JHU_Ag_56921	LFGSKTTPLSLALK	AGAP003078-PB	-	27	0.002614376	1	1475.871	-8.08	Head	2R:-:32248015-32249403,32247204-32247911	exon=> In CDS Exon 4 and 3 of transcript AGAP003078-PB
JHU_Ag_67019	YTDAGFLLQELDR	AGAP003078-PB	-	69	1.60E-06	1	1540.771	4.09	Head	2R:-:32247367-32247329	exon=> In CDS Exon 4 of transcript AGAP003078-PB
JHU_Ag_92605	ILNDFGPKPTGTYTNEVLAVDFLNR	AGAP003078-PB	-	43	0.000366489	1	2794.463	7.75	Head	2R:-:32249215-32249141	exon=> In CDS Exon 3 of transcript AGAP003078-PB
JHU_Ag_110605	AFINLESAGSGGK	AGAP003078-PB	-	52	0.000107179	2	1250.639	0.98	Malpighian tubule	2R:-:32248741-32248703	exon=> In CDS Exon 3 of transcript AGAP003078-PB
JHU_Ag_115498	NAHLTHFPAAFIAER	AGAP003078-PB	-	42	0.000684482	1	1694.893	9.61	Head	2R:-:32249278-32249234	exon=> In CDS Exon 3 of transcript AGAP003078-PB
JHU_Ag_117427	YTDAGFLLQELDR	AGAP003078-PB	-	70	1.45E-06	2	1540.771	4.64	Midgut	2R:-:32247367-32247329	exon=> In CDS Exon 4 of transcript AGAP003078-PB
JHU_Ag_13496	TGDNILALTR	AGAP003078-PB,AGAP003422-PA	-	108	2.09E-10	2	1073.600	4.79	Malpighian tubule	2R:-:32248447-32248418;2R:+:37517560-37517589	exon=> In CDS Exon 3 of transcript AGAP003078-PB;exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_114296	HSINSLLLEHNEIISR	AGAP003080-PA	-	109	1.25E-10	1	1875.015	3.34	Ovary	2R:+:32273467-32273514	exon=> In CDS Exon 2 of transcript AGAP003080-PA
JHU_Ag_66521	SKDVEVIPWNIADSNYVK	AGAP003080-PA,AGAP003080-PB	-	37	0.002674667	1	2077.059	-0.61	Ovary	2R:+:32287575-32287628;2R:+:32287575-32287628	exon=> In CDS Exon 6 of transcript AGAP003080-PA;exon=> In CDS Exon 4 of transcript AGAP003080-PB
JHU_Ag_21841	YGYPVESHEATGADGYVISLTR	AGAP003083-PA	-	163	8.42E-16	1	2385.135	-0.31	Male reproductive organs	2R:-:32308507-32308442	exon=> In CDS Exon 2 of transcript AGAP003083-PA
JHU_Ag_45921	LLCPMTDPENLCIQVVSQTVGPNPK	AGAP003083-PA	C3(Carbamidomethyl), M5(Oxidation), C12(Carbamidomethyl)	75	3.83E-07	1	2826.389	2.08	Male reproductive organs	2R:-:32307907-32307833	exon=> In CDS Exon 2 of transcript AGAP003083-PA
JHU_Ag_69206	MADMMAMQILVGHDPAGASIK	AGAP003083-PA	M1(Oxidation), M4(Oxidation), M5(Oxidation), M7(Oxidation)	76	3.29E-07	1	2251.028	2.32	Male reproductive organs	2R:-:32307832-32308525,32307324-32307687	exon=> In CDS Exon 3 and 2 of transcript AGAP003083-PA

JHU_Ag_88813	DAVDFSK	AGAP003083-PA	-	45	0.000402387	1	781.373	0.83	Male reproductive organs	2R:-:32307509-32307489	exon=> In CDS Exon 3 of transcript AGAP003083-PA
JHU_Ag_93034	QLFHYAQLQR	AGAP003083-PA	-	59	2.28E-05	1	1303.693	2.16	Male reproductive organs	2R:-:32307686-32307657	exon=> In CDS Exon 3 of transcript AGAP003083-PA
JHU_Ag_96291	MYALSPAVCLK	AGAP003083-PA	M1(Oxidation), C9(Carbamidomethyl)	62	6.74E-06	1	1268.639	1.21	Male reproductive organs	2R:-:32308063-32308031	exon=> In CDS Exon 2 of transcript AGAP003083-PA
JHU_Ag_117789	MYALSPAVCLKR	AGAP003083-PA	M1(Oxidation), C9(Carbamidomethyl)	50	0.000129689	1	1424.739	0.18	Male reproductive organs	2R:-:32308063-32308028	exon=> In CDS Exon 2 of transcript AGAP003083-PA
JHU_Ag_15099	NHEGFLDLVDLEK	AGAP003084-PA	-	83	7.09E-08	1	1528.768	2.43	Midgut	2R:-:32328880-32328842	exon=> In CDS Exon 3 of transcript AGAP003084-PA
JHU_Ag_20572	LADLVDDQIYETK	AGAP003085-PA	-	86	3.90E-08	2	1522.770	4.01	Ovary	2R:+:32330917-32330955	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_33979	LADLVDDQIYETK	AGAP003085-PA	-	56	3.58E-05	2	1522.767	2.01	Head	2R:+:32330917-32330955	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_39228	LADLVDDQIYETK	AGAP003085-PA	-	68	2.22E-06	1	1522.763	-0.56	Malpighian tubule	2R:+:32330917-32330955	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_40626	VRDVDDDALINLNEFGK	AGAP003085-PA	-	115	5.75E-11	1	1932.968	0.69	Ovary	2R:+:32330662-32330712	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_68352	GIDKIDYITYLSEFNK	AGAP003085-PA	-	70	1.55E-06	1	1918.986	3.46	Head	2R:+:32330425-32330472	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_68621	SRPLFFELEHTVK	AGAP003085-PA	-	69	1.40E-06	1	1602.861	-1.75	Ovary	2R:+:32330563-32330601	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_70161	AFQNHFSEWR	AGAP003085-PA	-	63	6.25E-06	1	1321.611	2.81	Ovary	2R:+:32331181-32331210	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_80376	LFASK	AGAP003085-PA	-	31	0.003501164	1	565.334	-0.39	Midgut	2R:+:32330812-32330826	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_87348	GIDKIDYITYLSEFNK	AGAP003085-PA	-	117	2.89E-11	1	1918.982	1.43	Ovary	2R:+:32330425-32330472	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_89217	IDYITYLSEFNK	AGAP003085-PA	-	61	1.43E-05	1	1505.756	2.17	Ovary	2R:+:32330437-32330472	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_105422	SLLELYQDKDGER	AGAP003085-PA	-	52	0.000102997	1	1565.792	7.12	Ovary	2R:+:32330137-32330175	exon=> In CDS Exon 2 of transcript AGAP003085-PA
JHU_Ag_2557	GFSGGSLGLTQR	AGAP003088-PA	-	67	2.58E-06	2	1179.611	-0.5	Head	2R:-:32382079-32382044	exon=> In CDS Exon 5 of transcript AGAP003088-PA
JHU_Ag_54875	GFSGGSLGLTQR	AGAP003088-PA	-	65	4.19E-06	1	1179.613	1.26	Male reproductive organs	2R:-:32382079-32382044	exon=> In CDS Exon 5 of transcript AGAP003088-PA
JHU_Ag_80649	TASPPDALQDNRGFSGGSLGLTQR	AGAP003088-PA	-	76	4.09E-07	1	2445.220	3.45	Malpighian tubule	2R:-:32382115-32382044	exon=> In CDS Exon 5 of transcript AGAP003088-PA
JHU_Ag_95703	TMLDPILATEDDDSFRPLR	AGAP003088-PA	M2(Oxidation)	94	6.83E-09	1	2221.078	-1.15	Midgut	2R:-:32383103-32383047	exon=> In CDS Exon 2 of transcript AGAP003088-PA
JHU_Ag_97207	TMLDPILATEDDDSFRPLR	AGAP003088-PA	M2(Oxidation)	45	0.00048475	1	2221.085	2.07	Head	2R:-:32383103-32383047	exon=> In CDS Exon 2 of transcript AGAP003088-PA
JHU_Ag_4034	DVIAQAQSGTGK	AGAP003089-PA	-	68	3.11E-06	2	1174.608	1.51	Salivary gland	2R:+:32384466-32384501	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_6640	GFKEQIYDVYR	AGAP003089-PA	-	48	0.000297853	1	1417.714	2.14	Ovary	2R:+:32384823-32384855	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_10043	QFFVAVER	AGAP003089-PA	-	37	0.001855784	2	995.532	1.28	Ovary	2R:+:32384994-32385017	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_11453	GRDVIAQAQSGTGK	AGAP003089-PA	-	106	3.50E-10	2	1387.730	0.56	Pupa	2R:+:32384460-32384501	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_11863	KGVAINFVK	AGAP003089-PA	-	45	8.52E-05	2	975.598	-0.26	Salivary gland	2R:+:32385357-32385383	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_18036	MLVLDEADEMLNK	AGAP003089-PA	M1(Oxidation), M10(Oxidation)	66	3.22E-06	2	1552.723	-0.54	Midgut	2R:+:32384784-32384822	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_23301	GRDVIAQAQSGTGK	AGAP003089-PA	-	95	4.36E-09	2	1387.732	2.31	Ovary	2R:+:32384460-32384501	exon=> In CDS Exon 2 of transcript AGAP003089-PA

JHU_Ag_24738	KLDYGQHVVSGTPGR	AGAP003089-PA	-	49	0.000125 08	1	1613.838	-0.86	Salivary gland	2R:+:32384691-32384735	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_24830	KLDYGQHVVSGTPGR	AGAP003089-PA	-	52	6.23E-05	1	1613.843	1.87	Ovary	2R:+:32384691-32384735	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_27934	DVIAQAQSGTGK	AGAP003089-PA	-	82	1.31E-07	2	1174.608	1.83	Ovary	2R:+:32384466-32384501	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_31982	LDYGQHVVSGTPGR	AGAP003089-PA	-	65	4.45E-06	2	1485.747	1.67	Malpighian tubule	2R:+:32384694-32384735	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_34752	VLITTDVWAR	AGAP003089-PA	-	72	5.13E-07	1	1173.665	2.35	Ovary	2R:+:32385225-32385254	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_57978	GIDVQQVSLVINYDLPNNRELYIHR	AGAP003089-PA	-	116	1.28E-11	1	2968.577	4.39	Malpighian tubule	2R:+:32385255-32385329	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_61085	LDYGQHVVSGTPGR	AGAP003089-PA	-	58	2.35E-05	1	1485.748	2.08	Ovary	2R:+:32384694-32384735	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_67571	EQIYDVYR	AGAP003089-PA	-	36	0.002643 419	2	1085.527	0.29	Pupa	2R:+:32384832-32384855	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_70295	VLITTDVWAR	AGAP003089-PA	-	53	4.44E-05	1	1173.667	3.39	Malpighian tubule	2R:+:32385225-32385254	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_71898	ELAVQIQK	AGAP003089-PA	-	47	0.000222 248	2	928.548	1.84	Salivary gland	2R:+:32384586-32384609	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_81781	RDELTLEGIK	AGAP003089-PA	-	51	0.000112 187	2	1173.648	0.68	Head	2R:+:32384964-32384993	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_102152	GRDVIAQAQSGTGK	AGAP003089-PA	-	93	8.56E-09	2	1387.731	1.35	Malpighian tubule	2R:+:32384460-32384501	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_102198	RDELTLEGIK	AGAP003089-PA	-	46	0.000334 665	1	1173.648	0.06	Ovary	2R:+:32384964-32384993	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_112419	GFKEQIYDVYR	AGAP003089-PA	-	54	7.18E-05	2	1417.713	1.48	Midgut	2R:+:32384823-32384855	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_113437	RDELTLEGIK	AGAP003089-PA	-	44	0.000480 757	2	1173.644	-2.96	Pupa	2R:+:32384964-32384993	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_114444	ETQVLCLSPTR	AGAP003089-PA	C6(Carbamidomethyl)	63	9.34E-06	1	1303.668	0.57	Ovary	2R:+:32384553-32384585	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_114662	KGVAINFVK	AGAP003089-PA	-	42	0.000168 797	1	975.599	0.86	Ovary	2R:+:32385357-32385383	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_116434	KGVAINFVK	AGAP003089-PA	-	38	0.000432 876	1	975.599	0.74	Malpighian tubule	2R:+:32385357-32385383	exon=> In CDS Exon 2 of transcript AGAP003089-PA
JHU_Ag_22501	AIPQPEFPLIPASR	AGAP003090-PA	-	34	0.002280 36	1	1535.859	0.61	Male reproductive organs	2R:+:32390819-32390860	exon=> In CDS Exon 5 of transcript AGAP003090-PA
JHU_Ag_89545	KSPLLAK	AGAP003090-PA	-	29	0.006342 975	1	756.498	0.59	Head	2R:+:32388203-32388223	exon=> In CDS Exon 3 of transcript AGAP003090-PA
JHU_Ag_108683	LSEGGSLQQPPEYITGEDLKR	AGAP003090-PA	-	80	1.53E-07	1	2317.167	0.14	Male reproductive organs	2R:+:32387735-32387797	exon=> In CDS Exon 3 of transcript AGAP003090-PA
JHU_Ag_112985	ALFSPSTPTSPAVSSPAGR	AGAP003090-PA	-	70	1.44E-06	2	1829.941	0.85	Male reproductive organs	2R:+:32389271-32389327	exon=> In CDS Exon 3 of transcript AGAP003090-PA
JHU_Ag_117466	AVAANAGGPGLNSDGAPALR	AGAP003090-PA	-	91	1.16E-08	2	1778.916	0.81	Male reproductive organs	2R:+:32386478-32386537	exon=> In CDS Exon 1 of transcript AGAP003090-PA
JHU_Ag_23354	IQQNGTVVK	AGAP003091-PA	N4(Deamidated)	36	0.005148 316	1	987.549	2.05	Larva	2R:-:32394865-32394839	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_33352	RLESIDPNNR	AGAP003091-PA	N8(Deamidated)	50	0.000114 727	2	1214.606	-5.3	Head	2R:-:32394922-32394893	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_35488	TWVLDLK	AGAP003091-PA	-	38	0.002423 081	1	874.504	0.44	Ovary	2R:-:32394838-32394818	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_60735	TWVLDLK	AGAP003091-PA	-	45	0.000480 14	2	874.503	0.03	Midgut	2R:-:32394838-32394818	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_63631	ALKSDPVFER	AGAP003091-PA	N-Term(Acetyl)	35	0.005002 49	1	1203.641	3.05	Larva	2R:-:32394961-32394932	exon=> In CDS Exon 1 of transcript AGAP003091-PA

JHU_Ag_76601	TWVLDLK	AGAP003091-PA	-	43	0.000849829	1	874.502	-1.22	Head	2R:-:32394838-32394818	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_79488	FRIQQNGTVVK	AGAP003091-PA	-	71	5.87E-07	1	1289.732	-0.4	Head	2R:-:32394871-32394839	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_83605	LTEGDGPAEATLTMEDDIMFALGTGAMPAK	AGAP003091-PA	M14(Oxidation), M19(Oxidation), M27(Oxidation)	59	1.36E-05	1	3101.414	4.6	Larva	2R:-:32394808-32394719	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_86070	IQQNGTVVK	AGAP003091-PA	-	55	4.52E-05	1	986.562	-1.22	Head	2R:-:32394865-32394839	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_89357	ALKSDPVFER	AGAP003091-PA	N-Term(Acetyl)	52	8.61E-05	1	1203.640	2.34	Malpighian tubule	2R:-:32394961-32394932	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_97793	TWVLDLK	AGAP003091-PA	-	46	0.000402273	2	874.505	1.77	Larva	2R:-:32394838-32394818	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_100416	LESIDPNNR	AGAP003091-PA	-	50	9.39E-05	2	1057.527	-0.5	Ovary	2R:-:32394919-32394893	exon=> In CDS Exon 1 of transcript AGAP003091-PA
JHU_Ag_11361	LRPLSYPNTDCFLICYSISNR	AGAP003092-PE	C11(Carbamidomethyl), C15(Carbamidomethyl)	53	7.76E-05	1	2589.264	1.9	Malpighian tubule	2R:+:32413787-32413810,32413913-32413951	exon=> In CDS Exon 1 and 2 of transcript AGAP003092-PE
JHU_Ag_31600	LNLAEVFDEAVR	AGAP003092-PE	-	83	9.07E-08	2	1375.718	-2.72	Midgut	2R:+:32414343-32414378	exon=> In CDS Exon 3 of transcript AGAP003092-PE
JHU_Ag_32276	AYALVECSAK	AGAP003092-PE	C7(Carbamidomethyl)	40	0.001251578	2	1111.545	-0.49	Malpighian tubule	2R:+:32414307-32414336	exon=> In CDS Exon 3 of transcript AGAP003092-PE
JHU_Ag_33812	HFAPSVPIVLVGTK	AGAP003092-PE	-	49	2.48E-05	2	1464.856	-1.11	Midgut	2R:+:32413997-32414030,32414224-32414231	exon=> In CDS Exon 2 and 3 of transcript AGAP003092-PE
JHU_Ag_56299	LNLAEVFDEAVR	AGAP003092-PE	-	73	7.58E-07	2	1375.727	3.67	Head	2R:+:32414343-32414378	exon=> In CDS Exon 3 of transcript AGAP003092-PE
JHU_Ag_56825	HFAPSVPIVLVGTK	AGAP003092-PE	-	51	1.67E-05	2	1464.859	0.89	Malpighian tubule	2R:+:32413997-32414030,32414224-32414231	exon=> In CDS Exon 2 and 3 of transcript AGAP003092-PE
JHU_Ag_71472	LNLAEVFDEAVR	AGAP003092-PE	-	74	5.99E-07	2	1375.729	5.62	Malpighian tubule	2R:+:32414343-32414378	exon=> In CDS Exon 3 of transcript AGAP003092-PE
JHU_Ag_79384	AYALVECSAK	AGAP003092-PE	C7(Carbamidomethyl)	47	0.000231984	2	1111.545	-0.05	Midgut	2R:+:32414307-32414336	exon=> In CDS Exon 3 of transcript AGAP003092-PE
JHU_Ag_109637	LRPLSYPNTDCFLICYSISNR	AGAP003092-PE	C11(Carbamidomethyl), C15(Carbamidomethyl)	94	7.40E-09	1	2589.257	-0.72	Midgut	2R:+:32413787-32413810,32413913-32413951	exon=> In CDS Exon 1 and 2 of transcript AGAP003092-PE
JHU_Ag_115864	KLNLAEVFDEAVR	AGAP003092-PE	-	112	5.72E-11	2	1503.823	4.5	Malpighian tubule	2R:+:32414340-32414378	exon=> In CDS Exon 3 of transcript AGAP003092-PE
JHU_Ag_117185	KLNLAEVFDEAVR	AGAP003092-PE	-	86	2.52E-08	1	1503.816	-0.54	Midgut	2R:+:32414340-32414378	exon=> In CDS Exon 3 of transcript AGAP003092-PE
JHU_Ag_1741	IVILDEADAMTHAAQAALR	AGAP003093-PA	M10(Oxidation)	54	4.35E-05	1	2025.046	1.31	Ovary	2R:+:32416053-32416109	exon=> In CDS Exon 2 of transcript AGAP003093-PA
JHU_Ag_14068	YICDQEGVTVDDGVYK	AGAP003093-PA	C3(Carbamidomethyl)	82	5.56E-08	1	1860.833	0.39	Ovary	2R:+:32416254-32416301	exon=> In CDS Exon 2 of transcript AGAP003093-PA
JHU_Ag_25734	TSTILAAAR	AGAP003093-PA	-	47	0.000179742	2	903.525	-1.47	Ovary	2R:+:32415873-32415899	exon=> In CDS Exon 2 of transcript AGAP003093-PA
JHU_Ag_56343	YLEEFISVCK	AGAP003093-PA	C9(Carbamidomethyl)	57	2.28E-05	2	1287.628	-0.98	Ovary	2R:+:32416437-32416466	exon=> In CDS Exon 2 of transcript AGAP003093-PA
JHU_Ag_56725	ILELNASDDR	AGAP003093-PA	-	70	1.45E-06	2	1145.579	-0.95	Ovary	2R:+:32415930-32415959	exon=> In CDS Exon 2 of transcript AGAP003093-PA
JHU_Ag_71648	TFAQLTASGTR	AGAP003093-PA	-	69	1.73E-06	2	1152.598	-2.48	Ovary	2R:+:32415990-32416022	exon=> In CDS Exon 2 of transcript AGAP003093-PA
JHU_Ag_117435	SVDDVVEQAEVVAVLR	AGAP003093-PA	-	63	5.83E-06	1	1727.921	2.06	Ovary	2R:+:32415762-32415809	exon=> In CDS Exon 2 of transcript AGAP003093-PA

JHU_Ag_1819	HIPKDAQVVMSILK	AGAP003094-PA	M10(Oxidation)	37	0.000582505	1	1594.909	6.43	Salivary gland	2R:-:32417747-32417706	exon=> In CDS Exon 2 of transcript AGAP003094-PA
JHU_Ag_816	VTFFEFK	AGAP003095-PA	-	36	0.004558706	2	917.477	-0.11	Pupa	2R:+:32421443-32421463	exon=> In CDS Exon 4 of transcript AGAP003095-PA
JHU_Ag_4708	VFVYISDLQTYR	AGAP003095-PA	-	43	0.000877252	1	1503.786	0.96	Head	2R:+:32420661-32420696	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_15403	VFVAVAR	AGAP003095-PA	-	41	0.000400877	2	761.466	-1.41	Head	2R:+:32419310-32419330	exon=> In CDS Exon 1 of transcript AGAP003095-PA
JHU_Ag_19809	VEYDVPAEVLQR	AGAP003095-PA	-	53	9.78E-05	2	1417.733	0.86	Head	2R:+:32419214-32419249	exon=> In CDS Exon 1 of transcript AGAP003095-PA
JHU_Ag_30985	EAVETGYGLTSITLDVDPSDCEK	AGAP003095-PA	C21(Carbamidomethyl)	69	1.50E-06	2	2499.146	0.75	Head	2R:+:32420592-32420660	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_37019	EAVETGYGLTSITLDVDPSDCEK	AGAP003095-PA	C21(Carbamidomethyl)	99	1.76E-09	2	2499.150	2.12	Pupa	2R:+:32420592-32420660	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_49099	IVTVYRPR	AGAP003095-PA	-	47	7.77E-05	2	1003.603	-1.68	Pupa	2R:+:32419553-32419576	exon=> In CDS Exon 2 of transcript AGAP003095-PA
JHU_Ag_59082	GTVCDPASPPNVNSAQR	AGAP003095-PA	C4(Carbamidomethyl)	56	3.40E-05	2	1769.826	1.48	Male reproductive organs	2R:+:32421365-32421415	exon=> In CDS Exon 4 of transcript AGAP003095-PA
JHU_Ag_65249	GTVCDPASPPNVNSAQR	AGAP003095-PA	C4(Carbamidomethyl)	101	1.12E-09	1	1769.826	1.62	Head	2R:+:32421365-32421415	exon=> In CDS Exon 4 of transcript AGAP003095-PA
JHU_Ag_67600	IVTVYRPR	AGAP003095-PA	-	44	0.000141654	2	1003.605	0.2	Head	2R:+:32419553-32419576	exon=> In CDS Exon 2 of transcript AGAP003095-PA
JHU_Ag_69437	SWHGTDFQLLGYR	AGAP003095-PA	-	63	8.67E-06	1	1579.768	1.66	Pupa	2R:+:32420949-32420987	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_76855	MVVYDYANR	AGAP003095-PA	-	56	2.18E-05	2	1130.531	0.77	Pupa	2R:+:32420697-32420723	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_81533	SWHGTDFQLLGYR	AGAP003095-PA	-	56	4.88E-05	1	1579.771	3.43	Larva	2R:+:32420949-32420987	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_84744	TAYFHALSSNSEFTVSTR	AGAP003095-PA	-	122	8.93E-12	1	2017.964	1.16	Pupa	2R:+:32420865-32420918	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_85047	VTFFEFK	AGAP003095-PA	-	36	0.004595273	2	917.476	-0.51	Head	2R:+:32421443-32421463	exon=> In CDS Exon 4 of transcript AGAP003095-PA
JHU_Ag_98192	WGIPSTLNVVDLSPPFPNTNVILKPYPNFALNELR	AGAP003095-PA	-	58	2.23E-06	1	3936.118	3.02	Pupa	2R:+:32419337-32419441	exon=> In CDS Exon 1 of transcript AGAP003095-PA
JHU_Ag_98822	GTVCDPASPPNVNSAQR	AGAP003095-PA	C4(Carbamidomethyl)	61	9.80E-06	2	1769.823	-0.59	Pupa	2R:+:32421365-32421415	exon=> In CDS Exon 4 of transcript AGAP003095-PA
JHU_Ag_107676	VEYDVPAEVLQR	AGAP003095-PA	-	75	6.39E-07	2	1417.735	2.06	Pupa	2R:+:32419214-32419249	exon=> In CDS Exon 1 of transcript AGAP003095-PA
JHU_Ag_107886	VFVAVAR	AGAP003095-PA	-	48	6.81E-05	2	761.466	-1.01	Pupa	2R:+:32419310-32419330	exon=> In CDS Exon 1 of transcript AGAP003095-PA
JHU_Ag_111479	VEYDVPAEVLQR	AGAP003095-PA	-	49	0.000209629	2	1417.734	1.29	Salivary gland	2R:+:32419214-32419249	exon=> In CDS Exon 1 of transcript AGAP003095-PA
JHU_Ag_115384	VFVYISDLQTYR	AGAP003095-PA	-	92	8.78E-09	1	1503.788	2.34	Pupa	2R:+:32420661-32420696	exon=> In CDS Exon 3 of transcript AGAP003095-PA
JHU_Ag_109647	VFVTVPR	AGAP003096-PA	-	32	0.002810333	2	817.493	-0.38	Pupa	2R:+:32423576-32423596	exon=> In CDS Exon 2 of transcript AGAP003096-PA
JHU_Ag_30139	LFITIPR	AGAP003097-PA	-	27	0.00381305	2	859.541	1.69	Head	2R:+:32425665-32425685	exon=> In CDS Exon 2 of transcript AGAP003097-PA
JHU_Ag_102465	LFITIPR	AGAP003097-PA	-	45	5.88E-05	2	859.541	1.69	Male reproductive organs	2R:+:32425665-32425685	exon=> In CDS Exon 2 of transcript AGAP003097-PA
JHU_Ag_1550	YAVPGYYLSCYDK	AGAP003099-PA	C10(Carbamidomethyl)	62	6.23E-06	1	1598.719	-0.41	Midgut	2R:-:32429206-32429168	exon=> In CDS Exon 3 of transcript AGAP003099-PA

JHU_Ag_1677	HVLQVLDSEGQYADGWVGCEYRPLTSTVEGLR	AGAP003099-PA	C19(Carbamidomethyl),"Q11(Deamidated), C19(Carbamidomethyl)","Q4(Deamidated), C19(Carbamidomethyl)"	90	9.76E-09	1	3634.772	3.53	Malpighian tubule	2R:-:32428904-32428809	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_3712	ELASHIGHVQLAQVPGR	AGAP003099-PA	-	118	1.28E-11	1	1811.990	1.08	Malpighian tubule	2R:-:32428991-32428941	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_12532	LMFDIYHAQHIR	AGAP003099-PA	M2(Oxidation)	56	4.26E-05	1	1559.781	1.12	Malpighian tubule	2R:-:32429051-32429016	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_13770	AAGFQGVEGPFPPAEINPESLK	AGAP003099-PA	-	101	1.16E-09	1	2255.143	3.97	Visceras	2R:-:32429954-32429889	exon=> In CDS Exon 1 of transcript AGAP003099-PA
JHU_Ag_14362	AVQTITSVGSPNLK	AGAP003099-PA	-	53	4.74E-05	2	1414.791	0.52	Visceras	2R:-:32429167-32429342,32428779-32429052	exon=> In CDS Exon 4 and 3 of transcript AGAP003099-PA
JHU_Ag_29275	TYLANLR	AGAP003099-PA	-	35	0.002401545	2	850.480	2.64	Malpighian tubule	2R:-:32429287-32429267	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_32680	LAAPILER	AGAP003099-PA	-	52	1.40E-05	1	882.541	0.53	Malpighian tubule	2R:-:32429266-32429243	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_35871	HVLQVLDSEGQYADGWVGCEYRPLTSTVEGLR	AGAP003099-PA	C19(Carbamidomethyl)	116	2.85E-11	1	3634.782	6.25	Midgut	2R:-:32428904-32428809	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_40514	LAAPILER	AGAP003099-PA	-	32	0.0014196	2	882.541	0.32	Male reproductive organs	2R:-:32429266-32429243	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_46868	NNIIGVIEPINK	AGAP003099-PA	-	85	8.70E-09	2	1323.766	2.47	Head	2R:-:32429242-32429207	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_49806	GNITNSIR	AGAP003099-PA	-	48	0.000410222	2	874.475	1.43	Malpighian tubule	2R:-:32429015-32428992	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_50322	YAVPGYYLSCYDK	AGAP003099-PA	C10(Carbamidomethyl)	43	0.000532112	2	1598.720	0.43	Visceras	2R:-:32429206-32429168	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_50662	NEPDSDGELNFR	AGAP003099-PA	-	41	0.000516602	2	1392.602	-0.51	Male reproductive organs	2R:-:32428940-32428905	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_59170	NEPDSDGELNFR	AGAP003099-PA	-	36	0.001560419	1	1392.604	0.9	Visceras	2R:-:32428940-32428905	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_61140	AVQTITSVGSPNLK	AGAP003099-PA	-	42	0.000530501	2	1414.792	1.47	Pupa	2R:-:32429167-32429342,32428779-32429052	exon=> In CDS Exon 4 and 3 of transcript AGAP003099-PA
JHU_Ag_65502	AAGFQGVEGPFPPAEINPESLK	AGAP003099-PA	-	62	8.89E-06	2	2255.144	4.4	Midgut	2R:-:32429954-32429889	exon=> In CDS Exon 1 of transcript AGAP003099-PA
JHU_Ag_67840	ELASHIGHVQLAQVPGR	AGAP003099-PA	-	91	5.82E-09	1	1811.986	-0.93	Midgut	2R:-:32428991-32428941	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_68660	AVQTITSVGSPNLK	AGAP003099-PA	-	68	1.43E-06	2	1414.791	0.35	Male reproductive organs	2R:-:32429167-32429342,32428779-32429052	exon=> In CDS Exon 4 and 3 of transcript AGAP003099-PA
JHU_Ag_68762	LAAPILER	AGAP003099-PA	-	32	0.001503717	2	882.541	0.53	Pupa	2R:-:32429266-32429243	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_69241	NEPDSDGELNFR	AGAP003099-PA	-	66	1.40E-06	2	1392.602	-0.33	Midgut	2R:-:32428940-32428905	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_70195	LMFDIYHAQHIR	AGAP003099-PA	M2(Oxidation)	54	6.67E-05	1	1559.782	2.22	Midgut	2R:-:32429051-32429016	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_76398	NNIIGVIEPINK	AGAP003099-PA	-	79	3.26E-08	2	1323.770	5.23	Larva	2R:-:32429242-32429207	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_78291	AAGFQGVEGPFPPAEINPESLK	AGAP003099-PA	-	75	4.63E-07	2	2255.140	2.67	Head	2R:-:32429954-32429889	exon=> In CDS Exon 1 of transcript AGAP003099-PA
JHU_Ag_80453	NNIIGVIEPINK	AGAP003099-PA	-	85	1.13E-08	2	1323.769	4.22	Malpighian tubule	2R:-:32429242-32429207	exon=> In CDS Exon 3 of transcript AGAP003099-PA

JHU_Ag_82668	LAAPILER	AGAP003099-PA	-	33	0.001371406	2	882.544	3.43	Larva	2R:-:32429266-32429243	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_82684	NEPDSDGELNFR	AGAP003099-PA	-	67	1.29E-06	2	1392.602	-0.24	Head	2R:-:32428940-32428905	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_88878	LMFDIYHAQHIR	AGAP003099-PA	M2(Oxidation)	75	5.22E-07	1	1559.787	5.2	Head	2R:-:32429051-32429016	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_91740	AVQTITSVGSPNLK	AGAP003099-PA	-	74	3.47E-07	1	1414.790	-0.12	Midgut	2R:-:32429167-32429342,32428779-32429052	exon=> In CDS Exon 4 and 3 of transcript AGAP003099-PA
JHU_Ag_93169	LEGPATEAHDR	AGAP003099-PA	-	54	5.54E-05	1	1195.573	2.54	Head	2R:-:32429320-32429288	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_96841	AVQTITSVGSPNLK	AGAP003099-PA	-	71	6.90E-07	2	1414.790	0.18	Malpighian tubule	2R:-:32429167-32429342,32428779-32429052	exon=> In CDS Exon 4 and 3 of transcript AGAP003099-PA
JHU_Ag_99726	LAAPILER	AGAP003099-PA	-	43	0.000114595	1	882.540	-0.43	Midgut	2R:-:32429266-32429243	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_110175	ELASHIGHVQLAQVPGR	AGAP003099-PA	-	43	0.00032299	2	1811.993	3.25	Head	2R:-:32428991-32428941	exon=> In CDS Exon 4 of transcript AGAP003099-PA
JHU_Ag_115092	NNIIGVIEPINK	AGAP003099-PA	-	77	6.75E-08	2	1323.766	2.28	Pupa	2R:-:32429242-32429207	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_117734	NNIIGVIEPINK	AGAP003099-PA	N2(Deamidated)	82	1.73E-08	2	1323.766	2.28	Midgut	2R:-:32429242-32429207	exon=> In CDS Exon 3 of transcript AGAP003099-PA
JHU_Ag_95335	LLPAPAVVTVAAEPLR	AGAP003111-PA	-	91	3.06E-10	1	1616.977	2.45	Ovary	2R:+:32507878-32507925	exon=> In CDS Exon 4 of transcript AGAP003111-PA
JHU_Ag_32950	ADYDWNEQHRQQVLQGR	AGAP003112-PA	N-Term(Acetyl)	91	9.96E-09	1	2185.026	3.98	Malpighian tubule	2R:-:32509581-32509531	exon=> In CDS Exon 1 of transcript AGAP003112-PA
JHU_Ag_75261	RLENANDDLSK	AGAP003112-PA	-	41	0.001317043	2	1274.635	1.25	Malpighian tubule	2R:-:32509319-32509287	exon=> In CDS Exon 2 of transcript AGAP003112-PA
JHU_Ag_100557	SNQIAIETEHTGHEVINELEVQR	AGAP003112-PA	-	71	1.15E-06	1	2646.309	-1.08	Midgut	2R:-:32509494-32509584,32509167-32509344	exon=> In CDS Exon 2 and 1 of transcript AGAP003112-PA
JHU_Ag_1751	AKYQYSGTNNQRPQTPQR	AGAP003114-PA	-	46	0.000465883	1	2137.062	4.11	Malpighian tubule	2R:+:32550635-32550688	exon=> In CDS Exon 6 of transcript AGAP003114-PA
JHU_Ag_14426	ICGDIHGQYTDLLR	AGAP003114-PA	C2(Carbamidomethyl)	78	2.65E-07	1	1660.812	0.43	Head	2R:+:32549320-32549326,32549435-32549469	exon=> In CDS Exon 2 and 3 of transcript AGAP003114-PA
JHU_Ag_17342	AHQVVEDGYEFFAR	AGAP003114-PA	-	54	6.08E-05	2	1667.784	1.68	Malpighian tubule	2R:+:32550385-32550426	exon=> In CDS Exon 5 of transcript AGAP003114-PA
JHU_Ag_18673	ICGDIHGQYTDLLR	AGAP003114-PA	C2(Carbamidomethyl)	39	0.00215222	2	1660.815	2.05	Midgut	2R:+:32549320-32549326,32549435-32549469	exon=> In CDS Exon 2 and 3 of transcript AGAP003114-PA
JHU_Ag_20102	GDYTLDVDNLIQR	AGAP003114-PA	N-Term(Acetyl)	61	1.43E-05	2	1563.766	0.59	Male reproductive organs	2R:+:32512708-32512746	exon=> In CDS Exon 1 of transcript AGAP003114-PA
JHU_Ag_34692	EIFLQQPILLELEAPLK	AGAP003114-PA	-	113	8.02E-12	1	1994.158	0.54	Ovary	2R:+:32549269-32549319	exon=> In CDS Exon 2 of transcript AGAP003114-PA
JHU_Ag_44624	AHQVVEDGYEFFAR	AGAP003114-PA	-	108	2.51E-10	1	1667.785	2.19	Head	2R:+:32550385-32550426	exon=> In CDS Exon 5 of transcript AGAP003114-PA
JHU_Ag_54465	GDYTLDVDNLIQR	AGAP003114-PA	N-Term(Acetyl)	60	1.56E-05	1	1563.764	-0.58	Midgut	2R:+:32512708-32512746	exon=> In CDS Exon 1 of transcript AGAP003114-PA
JHU_Ag_69892	YQYSGTNNQRPQTPQR	AGAP003114-PA	-	88	3.00E-08	1	1937.924	1.29	Head	2R:+:32550641-32550688	exon=> In CDS Exon 6 of transcript AGAP003114-PA
JHU_Ag_76532	FLLIHELDLICR	AGAP003114-PA	C11(Carbamidomethyl)	75	2.25E-07	1	1541.852	0.6	Ovary	2R:+:32550349-32550384	exon=> In CDS Exon 5 of transcript AGAP003114-PA
JHU_Ag_81602	ICGDIHGQYTDLLR	AGAP003114-PA	C2(Carbamidomethyl)	93	8.78E-09	1	1660.818	4.18	Male reproductive organs	2R:+:32549320-32549326,32549435-32549469	exon=> In CDS Exon 2 and 3 of transcript AGAP003114-PA

JHU_Ag_81779	AHQVVEDGYEFFAR	AGAP003114-PA	-	98	2.34E-09	1	1667.789	4.38	Midgut	2R:+:32550385-32550426	exon=> In CDS Exon 5 of transcript AGAP003114-PA
JHU_Ag_100345	GDYTLDVDNLIQR	AGAP003114-PA	N-Term(Acetyl)	79	2.00E-07	1	1563.764	-0.42	Ovary	2R:+:32512708-32512746	exon=> In CDS Exon 1 of transcript AGAP003114-PA
JHU_Ag_105684	AHQVVEDGYEFFAR	AGAP003114-PA	-	67	2.78E-06	1	1667.781	-0.23	Male reproductive organs	2R:+:32550385-32550426	exon=> In CDS Exon 5 of transcript AGAP003114-PA
JHU_Ag_107558	YQYSGTNNQRPQTPQR	AGAP003114-PA	-	57	3.31E-05	1	1937.924	1.27	Male reproductive organs	2R:+:32550641-32550688	exon=> In CDS Exon 6 of transcript AGAP003114-PA
JHU_Ag_112967	YQYSGTNNQRPQTPQR	AGAP003114-PA	-	41	0.001326552	1	1937.927	2.8	Malpighian tubule	2R:+:32550641-32550688	exon=> In CDS Exon 6 of transcript AGAP003114-PA
JHU_Ag_114125	AHQVVEDGYEFFARR	AGAP003114-PA	-	48	0.000264878	1	1823.884	1.1	Malpighian tubule	2R:+:32550385-32550429	exon=> In CDS Exon 5 of transcript AGAP003114-PA
JHU_Ag_115333	FLLIHELDLICR	AGAP003114-PA	C11(Carbamidomethyl)	71	4.90E-07	1	1541.853	1.16	Midgut	2R:+:32550349-32550384	exon=> In CDS Exon 5 of transcript AGAP003114-PA
JHU_Ag_32308	YLEIGMKPR	AGAP003115-PA	-	44	0.000588141	2	1106.588	-13.7	Midgut	2R:+:32740150-32740162,32740283-32740296	exon=> In CDS Exon 5 and 6 of transcript AGAP003115-PA
JHU_Ag_117740	AAQEQQQHEQPSSPSPAR	AGAP003116-PA	-	100	1.54E-09	1	1975.923	0.8	Male reproductive organs	2R:+:32760963-32761016	exon=> In CDS Exon 2 of transcript AGAP003116-PA
JHU_Ag_367	DGNPNAEFFTAPETLQNFETVR	AGAP003118-PA	-	40	0.001538207	2	2497.164	0.49	Head	2R:+:32877540-32877605	exon=> In CDS Exon 1 of transcript AGAP003118-PA
JHU_Ag_41132	LFNEGNLQAAAAAALAAAAVK	AGAP003118-PA	-	71	5.04E-07	3	1985.084	0.99	Male reproductive organs	2R:+:32881384-32881446	exon=> In CDS Exon 6 of transcript AGAP003118-PA
JHU_Ag_52783	LFNEGNLQAAAAAALAAAAVK	AGAP003118-PA	-	79	6.37E-08	2	1985.091	4.93	Ovary	2R:+:32881384-32881446	exon=> In CDS Exon 6 of transcript AGAP003118-PA
JHU_Ag_55788	LGVEDLISSVAGGGGGGAGSEDKVK	AGAP003118-PA	-	99	1.60E-09	1	2259.152	2.28	Ovary	2R:+:32878922-32878996	exon=> In CDS Exon 3 of transcript AGAP003118-PA
JHU_Ag_58894	LNPTEYLTSTACR	AGAP003118-PA	C12(Carbamidomethyl)	48	0.00027573	2	1525.735	2.03	Ovary	2R:+:32879660-32879698	exon=> In CDS Exon 3 of transcript AGAP003118-PA
JHU_Ag_72992	LGVEDLISSVAGGGGGGAGSEDKVK	AGAP003118-PA	-	80	1.21E-07	1	2259.157	4.63	Malpighian tubule	2R:+:32878922-32878996	exon=> In CDS Exon 3 of transcript AGAP003118-PA
JHU_Ag_79922	LFNEGNLQAAAAAALAAAAVK	AGAP003118-PA	-	104	2.42E-10	1	1985.089	3.85	Salivary gland	2R:+:32881384-32881446	exon=> In CDS Exon 6 of transcript AGAP003118-PA
JHU_Ag_86339	SPAASSAASSFQK	AGAP003118-PA	-	97	3.38E-09	1	1238.605	3.28	Malpighian tubule	2R:+:32879081-32879119	exon=> In CDS Exon 3 of transcript AGAP003118-PA
JHU_Ag_98827	LPIVYIRPEVDR	AGAP003118-PA	-	61	4.52E-06	1	1469.849	1.31	Salivary gland	2R:+:32878520-32878555	exon=> In CDS Exon 3 of transcript AGAP003118-PA
JHU_Ag_18030	VWINQGDIILIGLR	AGAP003119-PA	-	59	1.99E-06	1	1609.943	0.17	Head	2R:+:32894694-32894735	exon=> In CDS Exon 2 of transcript AGAP003119-PA
JHU_Ag_23320	TYGEFPESVR	AGAP003119-PA	-	61	7.65E-06	1	1184.559	0.21	Ovary	2R:+:32894802-32894831	exon=> In CDS Exon 2 of transcript AGAP003119-PA
JHU_Ag_28456	LEAMCFDGVK	AGAP003119-PA	M4(Oxidation), C5(Carbamidomethyl)	64	2.28E-06	1	1185.527	-0.76	Ovary	2R:+:32894159-32894188	exon=> In CDS Exon 1 of transcript AGAP003119-PA
JHU_Ag_37699	VWINQGDIILIGLR	AGAP003119-PA	-	73	8.72E-08	1	1609.946	2.29	Ovary	2R:+:32894694-32894735	exon=> In CDS Exon 2 of transcript AGAP003119-PA
JHU_Ag_41741	ELIFKEDEQEYAQVTK	AGAP003119-PA	-	72	8.86E-07	1	1969.979	1.82	Ovary	2R:+:32894093-32894140	exon=> In CDS Exon 1 of transcript AGAP003119-PA
JHU_Ag_65078	EDEQEYAQVTK	AGAP003119-PA	-	73	5.06E-07	2	1339.603	1.08	Head	2R:+:32894108-32894140	exon=> In CDS Exon 1 of transcript AGAP003119-PA
JHU_Ag_94979	EDEQEYAQVTK	AGAP003119-PA	-	64	4.03E-06	1	1339.601	-0.29	Ovary	2R:+:32894108-32894140	exon=> In CDS Exon 1 of transcript AGAP003119-PA
JHU_Ag_101883	ELIFKEDEQEYAQVTK	AGAP003119-PA	-	75	4.53E-07	1	1969.985	4.71	Malpighian tubule	2R:+:32894093-32894140	exon=> In CDS Exon 1 of transcript AGAP003119-PA
JHU_Ag_19836	TTVTALSYPGYNNVDR	AGAP003120-PA	-	48	0.000222005	2	1770.867	0.7	Male reproductive organs	2R:-:32898600-32898792,32898184-32898440	exon=> In CDS Exon 4 and 3 of transcript AGAP003120-PA

JHU_Ag_74240	LSYGPICPPPKEDVPWAR	AGAP003120-PA	C7(Carbamidomethyl)	67	2.71E-06	1	2082.045	-1.16	Male reproductive organs	2R:-:32898066-32898013	exon=> In CDS Exon 5 of transcript AGAP003120-PA
JHU_Ag_116587	AQPIVPTGNQLIQPGPLQEVTTSR	AGAP003120-PA	-	49	6.71E-05	1	2544.373	-2.08	Male reproductive organs	2R:-:32898439-32898368	exon=> In CDS Exon 4 of transcript AGAP003120-PA
JHU_Ag_11631	IAAIDNGLAFPFK	AGAP003121-PA	-	52	5.16E-05	2	1376.759	1.26	Head	2R:-:32905398-32905360	exon=> In CDS Exon 5 of transcript AGAP003121-PA
JHU_Ag_5675	APLYVTR	AGAP003124-PA	-	38	0.001265 55	2	819.473	0.44	Head	2R:-:32939116-32939096	exon=> In CDS Exon 5 of transcript AGAP003124-PA
JHU_Ag_7583	FVAITSTNAAK	AGAP003124-PA	-	35	0.002704 009	2	1122.616	0.55	Pupa	2R:-:32938542-32938510	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_10694	FVAITSTNAAK	AGAP003124-PA	-	69	1.02E-06	2	1122.617	1.31	Head	2R:-:32938542-32938510	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_12418	VAEGQGSFLETPVYPSFVYDALNGVAR PEEGLEEK	AGAP003124-PA	N23(Deamidated)	96	2.16E-09	1	3797.872	4.61	Head	2R:-:32938299-32938195	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_13468	GHRPDGQK	AGAP003124-PA	-	34	0.005056 873	2	894.453	-0.88	Head	2R:-:32938035-32938012	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_16652	IAPGSDADLLIWDPK	AGAP003124-PA	-	62	7.68E-06	2	1610.845	1.23	Ovary	2R:-:32938479-32938435	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_16955	IAPGSDADLLIWDPK	AGAP003124-PA	-	58	1.95E-05	2	1610.845	1.61	Visceras	2R:-:32938479-32938435	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_17250	LAAEQLSQAK	AGAP003124-PA	-	69	2.02E-06	2	1058.586	1.43	Head	2R:-:32939083-32939054	exon=> In CDS Exon 5 of transcript AGAP003124-PA
JHU_Ag_17770	IFNLYPR	AGAP003124-PA	-	52	4.30E-05	2	922.517	2.95	Head	2R:-:32938509-32938489	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_18294	IPNGVNGVEDR	AGAP003124-PA	-	72	7.86E-07	2	1169.592	0.73	Head	2R:-:32938629-32938597	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_19456	IAPGSDADLLIWDPK	AGAP003124-PA	-	64	4.71E-06	2	1610.848	3.43	Malpighian tubule	2R:-:32938479-32938435	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_20134	NGIQGLELNSK	AGAP003124-PA	-	41	0.001265 052	2	1172.630	2.37	Head	2R:-:32938185-32938153	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_21989	IAPGSDADLLIWDPK	AGAP003124-PA	-	107	2.51E-10	1	1610.848	3.2	Head	2R:-:32938479-32938435	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_27250	GVQTGLIDPQRFVAITSTNAAK	AGAP003124-PA	-	93	2.31E-09	1	2287.254	5.89	Malpighian tubule	2R:-:32938575-32938510	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_29514	IPNGVNGVEDR	AGAP003124-PA	-	70	1.07E-06	2	1169.592	0.94	Malpighian tubule	2R:-:32938629-32938597	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_30523	LAAEQLSQAK	AGAP003124-PA	-	51	0.000112 489	2	1058.585	0.4	Visceras	2R:-:32939083-32939054	exon=> In CDS Exon 5 of transcript AGAP003124-PA
JHU_Ag_31380	SGHEVDIPDTYALPEKYIPGPALSVISGD SQLSTPHSAR	AGAP003124-PA	-	75	2.26E-07	1	4105.073	5.34	Malpighian tubule	2R:-:32938152-32938036	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_42520	FVAITSTNAAK	AGAP003124-PA	-	49	0.000100 927	1	1122.616	0.11	Malpighian tubule	2R:-:32938542-32938510	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_42678	VCVEYDLIR	AGAP003124-PA	C2(Carbamidomethyl)	69	2.02E-06	1	1166.588	0.72	Male reproductive organs	2R:-:32938326-32938300	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_49415	SGHEVDIPDTYALPEK	AGAP003124-PA	-	122	8.95E-12	1	1770.857	1.45	Visceras	2R:-:32938152-32938105	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_57715	GVQTGLIDPQR	AGAP003124-PA	-	40	0.000761 85	2	1183.642	-1.26	Ovary	2R:-:32938575-32938543	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_59866	IFNLYPR	AGAP003124-PA	-	35	0.001979 447	2	922.513	-1.22	Midgut	2R:-:32938509-32938489	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_61963	IFNLYPR	AGAP003124-PA	-	45	0.000211 01	1	922.514	-0.63	Male reproductive organs	2R:-:32938509-32938489	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_66393	GVQTGLIDPQR	AGAP003124-PA	-	77	1.38E-07	1	1183.645	1.73	Head	2R:-:32938575-32938543	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_68117	TISASTHHQACDFNIFEGMK	AGAP003124-PA	C11(Carbamidomethyl), M19(Oxidation)	96	2.44E-09	1	2310.033	2.27	Head	2R:-:32938425-32938366	exon=> In CDS Exon 6 of transcript AGAP003124-PA

JHU_Ag_69276	IAPGSDADLLIWDPK	AGAP003124-PA	-	88	2.23E-08	1	1610.839	-2.1	Male reproductive organs	2R:-:32938479-32938435	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_78489	GVQTGLIDPQR	AGAP003124-PA	-	62	4.43E-06	2	1183.643	0.18	Male reproductive organs	2R:-:32938575-32938543	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_80255	SGHEVDIPDTYALPEK	AGAP003124-PA	-	102	8.62E-10	1	1770.862	4	Head	2R:-:32938152-32938105	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_83289	SGHEVDIPDTYALPEK	AGAP003124-PA	-	57	2.61E-05	1	1770.857	1.44	Malpighian tubule	2R:-:32938152-32938105	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_85544	SGHEVDIPDTYALPEK	AGAP003124-PA	-	78	2.26E-07	1	1770.856	0.55	Male reproductive organs	2R:-:32938152-32938105	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_92979	IFNLYPR	AGAP003124-PA	-	41	0.000560001	1	922.517	2.75	Malpighian tubule	2R:-:32938509-32938489	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_98367	IAPGSDADLLIWDPK	AGAP003124-PA	-	44	0.000520959	2	1610.844	0.78	Pupa	2R:-:32938479-32938435	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_100885	FLALDDLQTTGSDNCTFNR	AGAP003124-PA	C15(Carbamidomethyl)	118	1.75E-11	1	2188.002	1.89	Male reproductive organs	2R:-:32938909-32939122,32937981-32938666	exon=> In CDS Exon 6 and 5 of transcript AGAP003124-PA
JHU_Ag_102093	YIPGPALSVISGDSQLSTPHSAR	AGAP003124-PA	-	69	1.57E-06	2	2353.218	1.2	Male reproductive organs	2R:-:32938104-32938036	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_102389	GVQTGLIDPQR	AGAP003124-PA	-	69	8.19E-07	1	1183.645	1.73	Malpighian tubule	2R:-:32938575-32938543	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_103059	LAAEQLSQAK	AGAP003124-PA	-	54	6.89E-05	2	1058.588	3.28	Male reproductive organs	2R:-:32939083-32939054	exon=> In CDS Exon 5 of transcript AGAP003124-PA
JHU_Ag_107720	VAEGQGSFLETPVYPSFVYDALNGVARPEEGLEEK	AGAP003124-PA	N23(Deamidated)	81	9.11E-08	1	3798.853	3.64	Visceras	2R:-:32938299-32938195	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_112579	FLALDDLQTTGSDNCTFNR	AGAP003124-PA	C15(Carbamidomethyl)	111	7.65E-11	1	2188.002	2.23	Head	2R:-:32938909-32939122,32937981-32938666	exon=> In CDS Exon 6 and 5 of transcript AGAP003124-PA
JHU_Ag_116718	VCVEYDLIR	AGAP003124-PA	C2(Carbamidomethyl)	42	0.000835318	2	1166.588	0.51	Ovary	2R:-:32938326-32938300	exon=> In CDS Exon 6 of transcript AGAP003124-PA
JHU_Ag_5215	YVGSGADFVVPGGCR	AGAP003124-PA,AGAP003124-PB	C14(Carbamidomethyl)	85	4.84E-08	1	1540.721	-0.56	Midgut	2R:-:32942088-32942044;2R:-:32942088-32942044	exon=> In CDS Exon 3 of transcript AGAP003124-PA;exon=> In CDS Exon 3 of transcript AGAP003124-PB
JHU_Ag_5545	AAVAGGTTTILDFVLPK	AGAP003124-PA,AGAP003124-PB	-	86	1.18E-08	2	1673.948	0.42	Male reproductive organs	2R:-:32941929-32942089,32941392-32941794;2R:-:32941929-32942089,32941392-32941794	exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PB
JHU_Ag_8335	KGESLLEAYDAWR	AGAP003124-PA,AGAP003124-PB	-	56	4.16E-05	1	1537.771	4.38	Malpighian tubule	2R:-:32941793-32941755;2R:-:32941793-32941755	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_11396	AAVAGGTTTILDFVLPK	AGAP003124-PA,AGAP003124-PB	-	94	1.62E-09	2	1673.949	1	Ovary	2R:-:32941929-32942089,32941392-32941794;2R:-:32941929-32942089,32941392-32941794	exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PB
JHU_Ag_12139	ASPTPAPVKK	AGAP003124-PA,AGAP003124-PB	N-Term(Acetyl)	36	0.001434852	1	1037.600	0.61	Head	2R:-:32949393-32949364;2R:-:32949393-32949364	exon=> In CDS Exon 1 of transcript AGAP003124-PA;exon=> In CDS Exon 1 of transcript AGAP003124-PB

JHU_Ag_13669	AAVAGGTTTILDFVLPK	AGAP003124-PA,AGAP003124-PB	-	107	9.21E-11	2	1673.942	-3.15	Midgut	2R:-:32941929-32942089,32941392-32941794;2R:-:32941929-32942089,32941392-32941794	exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PB
JHU_Ag_20569	YVGSGADFVVPGGCR	AGAP003124-PA,AGAP003124-PB	C14(Carbamidomethyl)	50	0.000133868	1	1540.721	-0.4	Visceras	2R:-:32942088-32942044;2R:-:32942088-32942044	exon=> In CDS Exon 3 of transcript AGAP003124-PA;exon=> In CDS Exon 3 of transcript AGAP003124-PB
JHU_Ag_25594	ASPTPAPVK	AGAP003124-PA,AGAP003124-PB	N-Term(Acetyl)	36	0.001415386	1	909.505	1.45	Head	2R:-:32949393-32949367;2R:-:32949393-32949367	exon=> In CDS Exon 1 of transcript AGAP003124-PA;exon=> In CDS Exon 1 of transcript AGAP003124-PB
JHU_Ag_25862	GHVVNHDGMQQADVYIEDGTVR	AGAP003124-PA,AGAP003124-PB	M9(Oxidation)	77	2.68E-07	1	2456.125	-0.38	Head	2R:-:32942397-32942427,32941899-32942089;2R:-:32942397-32942427,32941899-32942089	exon=> In CDS Exon 3 and 2 of transcript AGAP003124-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003124-PB
JHU_Ag_27852	LLTEGVTGPEGHELSR	AGAP003124-PA,AGAP003124-PB	-	95	4.49E-09	1	1694.875	2.68	Visceras	2R:-:32941493-32941446;2R:-:32941493-32941446	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_39238	SEEVEAEATNR	AGAP003124-PA,AGAP003124-PB	N10(Deamidated)	78	1.40E-07	1	1234.557	1.74	Head	2R:-:32941445-32941413;2R:-:32941445-32941413	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_40059	GLYQLNDSELYEVFETCK	AGAP003124-PA,AGAP003124-PB	C17(Carbamidomethyl)	125	4.55E-12	1	2208.012	-2.08	Midgut	2R:-:32941613-32941560;2R:-:32941613-32941560	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_42939	KGESLLEAYDAWR	AGAP003124-PA,AGAP003124-PB	-	51	0.000141641	1	1537.771	4.03	Ovary	2R:-:32941793-32941755;2R:-:32941793-32941755	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_48999	GLYQLNDSELYEVFETCK	AGAP003124-PA,AGAP003124-PB	C17(Carbamidomethyl)	145	4.34E-14	1	2208.017	0.25	Male reproductive organs	2R:-:32941613-32941560;2R:-:32941613-32941560	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_50777	YVGSGADFVVPGGCR	AGAP003124-PA,AGAP003124-PB	C14(Carbamidomethyl)	46	0.000337498	2	1540.722	0.71	Ovary	2R:-:32942088-32942044;2R:-:32942088-32942044	exon=> In CDS Exon 3 of transcript AGAP003124-PA;exon=> In CDS Exon 3 of transcript AGAP003124-PB
JHU_Ag_57318	KVPIHLQSAQNR	AGAP003124-PA,AGAP003124-PB	-	56	1.26E-05	2	1390.793	0.98	Head	2R:-:32949366-32949396,32942333-32942413;2R:-:32949366-32949396,32942333-32942413	exon=> In CDS Exon 2 and 1 of transcript AGAP003124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003124-PB
JHU_Ag_58748	YVGSGADFVVPGGCR	AGAP003124-PA,AGAP003124-PB	C14(Carbamidomethyl)	65	4.59E-06	2	1540.722	0.31	Male reproductive organs	2R:-:32942088-32942044;2R:-:32942088-32942044	exon=> In CDS Exon 3 of transcript AGAP003124-PA;exon=> In CDS Exon 3 of transcript AGAP003124-PB

JHU_Ag_61453	VPIHLQSAQNR	AGAP003124-PA,AGAP003124-PB	-	45	0.000320126	1	1262.701	3.78	Malpighian tubule	2R:-:32949363-32949396,32942333-32942413;2R:-:32949363-32949396,32942333-32942413	exon=> In CDS Exon 2 and 1 of transcript AGAP003124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003124-PB
JHU_Ag_69519	KGESLLEAYDAWR	AGAP003124-PA,AGAP003124-PB	-	50	0.000157821	1	1537.764	-0.26	Head	2R:-:32941793-32941755;2R:-:32941793-32941755	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_70391	SEEVEAEATNR	AGAP003124-PA,AGAP003124-PB	N10(Deamidated)	79	1.21E-07	2	1234.557	2.14	Malpighian tubule	2R:-:32941445-32941413;2R:-:32941445-32941413	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_71582	SEEVEAEATNR	AGAP003124-PA,AGAP003124-PB	-	47	0.000160414	2	1234.555	0.46	Ovary	2R:-:32941445-32941413;2R:-:32941445-32941413	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_73059	GLYQLNDSELYEVFETCK	AGAP003124-PA,AGAP003124-PB	C17(Carbamidomethyl)	43	0.000753084	1	2208.020	1.76	Visceras	2R:-:32941613-32941560;2R:-:32941613-32941560	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_73994	AAVAGGTTTILDFVLPK	AGAP003124-PA,AGAP003124-PB	-	102	3.47E-10	2	1673.947	-0.31	Head	2R:-:32941929-32942089,32941392-32941794;2R:-:32941929-32942089,32941392-32941794	exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PB
JHU_Ag_74692	VPIHLQSAQNR	AGAP003124-PA,AGAP003124-PB	-	67	2.27E-06	1	1262.695	-1.05	Head	2R:-:32949363-32949396,32942333-32942413;2R:-:32949363-32949396,32942333-32942413	exon=> In CDS Exon 2 and 1 of transcript AGAP003124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003124-PB
JHU_Ag_79181	LLTEGVTGPEGHELSRSEEVEAEATNR	AGAP003124-PA,AGAP003124-PB	-	55	4.63E-05	1	2910.416	2.83	Malpighian tubule	2R:-:32941493-32941413;2R:-:32941493-32941413	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_79535	GESLLEAYDAWR	AGAP003124-PA,AGAP003124-PB	-	68	2.48E-06	2	1409.673	2.14	Head	2R:-:32941790-32941755;2R:-:32941790-32941755	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_80543	GLYQLNDSELYEVFETCK	AGAP003124-PA,AGAP003124-PB	C17(Carbamidomethyl)	125	5.19E-12	1	2208.022	2.46	Head	2R:-:32941613-32941560;2R:-:32941613-32941560	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_84973	AAVAGGTTTILDFVLPK	AGAP003124-PA,AGAP003124-PB	-	94	1.31E-09	2	1673.954	3.78	Visceras	2R:-:32941929-32942089,32941392-32941794;2R:-:32941929-32942089,32941392-32941794	exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PB
JHU_Ag_89475	LLTEGVTGPEGHELSR	AGAP003124-PA,AGAP003124-PB	-	125	4.20E-12	1	1694.877	3.4	Head	2R:-:32941493-32941446;2R:-:32941493-32941446	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB

JHU_Ag_91114	SEEVEAEATNR	AGAP003124-PA,AGAP003124-PB	-	50	7.23E-05	2	1234.554	-0.73	Male reproductive organs	2R:-:32941445-32941413;2R:-:32941445-32941413	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_95504	KGESLLEAYDAWR	AGAP003124-PA,AGAP003124-PB	-	115	5.05E-11	1	1537.768	2.13	Male reproductive organs	2R:-:32941793-32941755;2R:-:32941793-32941755	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_104540	AAVAGGTTTILDFVLPK	AGAP003124-PA,AGAP003124-PB	-	62	2.37E-06	2	1673.958	6.55	Malpighian tubule	2R:-:32941929-32942089,32941392-32941794;2R:-:32941929-32942089,32941392-32941794	exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003124-PB
JHU_Ag_106665	KGESLLEAYDAWR	AGAP003124-PA,AGAP003124-PB	-	102	1.04E-09	1	1537.761	-2.64	Midgut	2R:-:32941793-32941755;2R:-:32941793-32941755	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_106716	ELGAVAMVHAENGDIIAK	AGAP003124-PA,AGAP003124-PB	M7(Oxidation)	33	0.006601012	1	1853.945	1.37	Head	2R:-:32941559-32941506;2R:-:32941559-32941506	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_109772	YVGSGADFVVPGGCR	AGAP003124-PA,AGAP003124-PB	C14(Carbamidomethyl)	99	1.63E-09	1	1540.722	0.55	Head	2R:-:32942088-32942044;2R:-:32942088-32942044	exon=> In CDS Exon 3 of transcript AGAP003124-PA;exon=> In CDS Exon 3 of transcript AGAP003124-PB
JHU_Ag_112147	LLTEGVTGPEGHELSR	AGAP003124-PA,AGAP003124-PB	-	61	1.17E-05	1	1694.873	1.31	Malpighian tubule	2R:-:32941493-32941446;2R:-:32941493-32941446	exon=> In CDS Exon 4 of transcript AGAP003124-PA;exon=> In CDS Exon 4 of transcript AGAP003124-PB
JHU_Ag_115789	ASPTPAPVKK	AGAP003124-PA,AGAP003124-PB	N-Term(Acetyl)	49	5.74E-05	1	1037.601	1.55	Malpighian tubule	2R:-:32949393-32949364;2R:-:32949393-32949364	exon=> In CDS Exon 1 of transcript AGAP003124-PA;exon=> In CDS Exon 1 of transcript AGAP003124-PB
JHU_Ag_36586	YNGTGIFGETLAAALGTDGTHYHDK	AGAP003124-PB	-	77	3.27E-07	1	2609.226	-0.12	Head	2R:-:32940195-32940121	exon=> In CDS Exon 5 of transcript AGAP003124-PB
JHU_Ag_114463	SAGIEVAR	AGAP003124-PB	-	58	3.71E-05	1	802.443	1.4	Malpighian tubule	2R:-:32940231-32940208	exon=> In CDS Exon 5 of transcript AGAP003124-PB
JHU_Ag_28703	LVLYLCQLVVCSPK	AGAP003129-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	31	0.002922696	1	1691.947	14.6	Visceras	2R:-:33005969-33005928	exon=> In CDS Exon 1 of transcript AGAP003129-PA
JHU_Ag_48958	LVLYLCQLVVCSPK	AGAP003129-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	30	0.0043	1	1691.946	14.17	Pupa	2R:-:33005969-33005928	exon=> In CDS Exon 1 of transcript AGAP003129-PA
JHU_Ag_23672	APVLAIDPPGAGLEGVSIK	AGAP003131-PA	-	33	0.001542765	2	1804.024	1.52	Malpighian tubule	2R:+:33107023-33107079	exon=> In CDS Exon 2 of transcript AGAP003131-PA
JHU_Ag_59046	APVLAIDPPGAGLEGVSIK	AGAP003131-PA	-	49	3.71E-05	1	1804.029	4.09	Ovary	2R:+:33107023-33107079	exon=> In CDS Exon 2 of transcript AGAP003131-PA
JHU_Ag_75514	YANTPNNTTQPVVGQGK	AGAP003131-PA	-	85	5.67E-08	1	1788.888	0.37	Ovary	2R:+:33105921-33105971	exon=> In CDS Exon 1 of transcript AGAP003131-PA
JHU_Ag_110419	GASFIMYNYAR	AGAP003132-PA	M6(Oxidation)	52	8.67E-05	2	1308.604	-0.28	Male reproductive organs	2R:-:33108370-33108338	exon=> In CDS Exon 1 of transcript AGAP003132-PA
JHU_Ag_482	IEQNTITGDVNVDHMVTK	AGAP003133-PB,AGAP003133-PA	-	36	0.004517034	1	2013.988	-1.61	Midgut	2R:+:33114118-33114171;2R:+:33114118-33114171	exon=> In CDS Exon 2 of transcript AGAP003133-PB;exon=> In CDS Exon 2 of transcript AGAP003133-PA
JHU_Ag_18080	LVFQVFDENR	AGAP003133-PB,AGAP003133-PA	-	47	0.000250578	2	1266.648	0.08	Midgut	2R:+:33114334-33114363;2R:+:33114334-33114363	exon=> In CDS Exon 3 of transcript AGAP003133-PB;exon=> In CDS Exon 3 of transcript AGAP003133-PA

JHU_Ag_85874	TLNPVWNEEFVFR	AGAP003133-PB,AGAP003133-PA	-	72	1.06E-06	2	1650.826	-1.02	Midgut	2R:+:33114274-33114312;2R:+:33114274-33114312	exon=> In CDS Exon 3 of transcript AGAP003133-PB;exon=> In CDS Exon 3 of transcript AGAP003133-PA
JHU_Ag_86300	DIFGYSDPYVK	AGAP003133-PB,AGAP003133-PA	-	44	0.000698256	2	1303.623	2.25	Midgut	2R:+:33114085-33114117;2R:+:33114085-33114117	exon=> In CDS Exon 2 of transcript AGAP003133-PB;exon=> In CDS Exon 2 of transcript AGAP003133-PA
JHU_Ag_17664	EWFYLLSK	AGAP003133-PB,AGAP003133-PA,AGAP000787-PA	-	42	0.000601772	2	1085.566	-0.29	Midgut	2R:+:33117874-33117897;2R:+:33117874-33117897;X:+:14341515-14341538	exon=> In CDS Exon 5 of transcript AGAP003133-PB;exon=> In CDS Exon 5 of transcript AGAP003133-PA;exon=> In CDS Exon 11 of transcript AGAP000787-PA
JHU_Ag_46580	KLVIPPELGYGER	AGAP003134-PA	-	65	2.65E-06	1	1470.832	-0.01	Ovary	2R:+:33121508-33121546	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_52025	GNPLTFTLGMGQVIK	AGAP003134-PA	M10(Oxidation)	56	1.95E-05	1	1591.861	5.93	Larva	2R:+:33121418-33121462	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_59736	GNPLTFTLGMGQVIK	AGAP003134-PA	M10(Oxidation)	129	1.26E-12	1	1591.854	1.94	Head	2R:+:33121418-33121462	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_70430	GNPLTFTLGMGQVIK	AGAP003134-PA	-	83	4.60E-08	1	1575.858	0.9	Salivary gland	2R:+:33121418-33121462	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_71727	GNPLTFTLGMGQVIK	AGAP003134-PA	M10(Oxidation)	123	5.67E-12	1	1591.850	-0.74	Ovary	2R:+:33121418-33121462	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_92237	IPPNSVLIFEVELVK	AGAP003134-PA	-	110	2.52E-11	1	1696.993	2.58	Head	2R:+:33121562-33121606	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_101498	IPPNSVLIFEVELVK	AGAP003134-PA	-	60	2.82E-06	1	1696.988	-0.01	Salivary gland	2R:+:33121562-33121606	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_105934	IPPNSVLIFEVELVK	AGAP003134-PA	-	107	4.39E-11	1	1696.990	0.64	Ovary	2R:+:33121562-33121606	exon=> In CDS Exon 2 of transcript AGAP003134-PA
JHU_Ag_435	GFTISDFINQCYGNAEDQGK	AGAP003136-PA	C11(Carbamidomethyl)	94	3.51E-09	2	2264.000	3.11	Ovary	2R:+:33123967-33124026	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_3327	IGHHSTSDDSTAYRPAEELEVWNTVEHPIAK	AGAP003136-PA	-	144	4.62E-14	1	3489.683	4.56	Ovary	2R:+:33124465-33124557	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_4055	VMNSEGVIDDPSQEPNLEQATVQK	AGAP003136-PA	-	45	0.000424965	2	2628.255	3.63	Malpighian tubule	2R:+:33123706-33123777	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_18751	LALPESIEPIPIYR	AGAP003136-PA	-	69	3.43E-07	2	1610.921	3.28	Malpighian tubule	2R:+:33123664-33123705	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_27749	KLNFVTISSPLGTQIPQAAGAAYAFK	AGAP003136-PA	-	51	3.25E-05	3	2693.470	1.56	Pupa	2R:+:33124060-33124137	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_28191	FDGTDVFATYNATK	AGAP003136-PA	-	76	3.59E-07	2	1549.721	2.36	Head	2R:+:33124360-33124401	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_38821	GFTISDFINQCYGNAEDQGKGR	AGAP003136-PA	C11(Carbamidomethyl)	89	1.46E-08	1	2477.132	6.76	Ovary	2R:+:33123967-33124032	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_42929	QVLSQINQSER	AGAP003136-PA	-	46	0.000410693	2	1301.683	1.77	Malpighian tubule	2R:+:33124633-33124665	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_44613	KLNFVTISSPLGTQIPQAAGAAYAFK	AGAP003136-PA	-	51	3.14E-05	1	2693.473	2.65	Head	2R:+:33124060-33124137	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_47419	LNFVTISSPLGTQIPQAAGAAYAFK	AGAP003136-PA	-	49	8.27E-05	3	2565.371	0.09	Ovary	2R:+:33124063-33124137	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_60936	KLNFVTISSPLGTQIPQAAGAAYAFK	AGAP003136-PA	-	75	1.22E-07	1	2693.470	1.49	Ovary	2R:+:33124060-33124137	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_61654	FDGTDVFATYNATK	AGAP003136-PA	-	81	1.20E-07	2	1549.722	3.15	Ovary	2R:+:33124360-33124401	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_63730	KLNFVTISSPLGTQIPQAAGAAYAFK	AGAP003136-PA	-	108	5.77E-11	1	2693.476	3.46	Malpighian tubule	2R:+:33124060-33124137	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_67632	EAGVLVWR	AGAP003136-PA	-	40	0.001066689	2	929.522	2.09	Ovary	2R:+:33123943-33123966	exon=> In CDS Exon 2 of transcript AGAP003136-PA

JHU_Ag_68765	KQVLSQINQSER	AGAP003136-PA	-	92	6.10E-09	1	1429.776	0.24	Malpighian tubule	2R:+:33124630-33124665	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_68820	VMNSEGVIDDPSQEPNLEQATVQK	AGAP003136-PA	M2(Oxidation)	49	0.000180889	2	2644.247	2.21	Head	2R:+:33123706-33123777	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_70620	LALPESIEPIPIYR	AGAP003136-PA	-	67	5.89E-07	1	1610.917	0.86	Ovary	2R:+:33123664-33123705	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_81219	DMVLLNTMDK	AGAP003136-PA	M2(Oxidation), M8(Oxidation)	54	4.38E-05	2	1211.561	-3.2	Head	2R:+:33123787-33123816	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_85604	GWFDEAKENEFVK	AGAP003136-PA	-	75	4.65E-07	1	1598.756	4.78	Ovary	2R:+:33124582-33124620	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_90790	FDGTDVFATYNATK	AGAP003136-PA	-	77	2.25E-07	2	1549.715	-1.34	Midgut	2R:+:33124360-33124401	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_92804	FPGALEASFVTTPK	AGAP003136-PA	-	52	7.77E-05	2	1464.774	0.49	Head	2R:+:33123622-33123663	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_94466	LALPESIEPIPIYR	AGAP003136-PA	-	35	0.000754988	1	1610.922	4.42	Head	2R:+:33123664-33123705	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_97047	LALPESIEPIPIYR	AGAP003136-PA	-	61	2.73E-06	1	1610.918	1.39	Salivary gland	2R:+:33123664-33123705	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_97727	FPGALEASFVTTPK	AGAP003136-PA	-	74	4.74E-07	2	1464.773	-0.35	Ovary	2R:+:33123622-33123663	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_102910	AAGYGMAALR	AGAP003136-PA	M6(Oxidation)	41	0.000873793	1	996.494	1.19	Malpighian tubule	2R:+:33124330-33124359	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_103205	IGHHSTSDDSTAYRPAEELEVWNTVEHPIAK	AGAP003136-PA	-	135	4.40E-13	1	3489.677	2.95	Malpighian tubule	2R:+:33124465-33124557	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_105314	KLNFVTISSPLGTQIPQAAGAAYAFK	AGAP003136-PA	-	41	0.000300056	3	2693.479	4.62	Salivary gland	2R:+:33124060-33124137	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_109257	FDGTDVFATYNATK	AGAP003136-PA	-	68	2.09E-06	2	1549.721	2.75	Malpighian tubule	2R:+:33124360-33124401	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_110047	FPGALEASFVTTPK	AGAP003136-PA	-	81	9.11E-08	1	1464.775	1.24	Malpighian tubule	2R:+:33123622-33123663	exon=> In CDS Exon 2 of transcript AGAP003136-PA
JHU_Ag_107125	IAILNR	AGAP003137-PB,AGAP003137-PA	-	31	0.00161876	1	699.452	0.87	Salivary gland	2R:+:33129457-33129474;2R:+:33129457-33129474	exon=> In CDS Exon 1 of transcript AGAP003137-PB;exon=> In CDS Exon 2 of transcript AGAP003137-PA
JHU_Ag_29357	GEQLIVKR	AGAP003138-PA	Q3(Deamidated)	33	0.007337936	1	943.556	-1.26	Head	2R:+:33133402-33133425	exon=> In CDS Exon 1 of transcript AGAP003138-PA
JHU_Ag_18005	LYKGESIFTLR	AGAP003139-PA	-	55	2.40E-05	1	1326.744	2.06	Male reproductive organs	2R:-:33150171-33150139	exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_34961	RLRPSPVAR	AGAP003139-PA	-	31	0.000826038	1	1051.650	1.13	Ovary	2R:-:33148769-33148743	exon=> In CDS Exon 4 of transcript AGAP003139-PA
JHU_Ag_38509	GESIFTLR	AGAP003139-PA	-	40	0.001154985	2	922.499	-0.51	Pupa	2R:-:33150162-33150139	exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_38660	LYKGESIFTLR	AGAP003139-PA	-	36	0.001650095	1	1326.747	3.71	Ovary	2R:-:33150171-33150139	exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_90958	LYKGESIFTLR	AGAP003139-PA	-	47	0.000151029	1	1326.744	1.64	Pupa	2R:-:33150171-33150139	exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_92338	LYKGESIFTLR	AGAP003139-PA	-	44	0.000317177	1	1326.745	2.54	Malpighian tubule	2R:-:33150171-33150139	exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_8688	LAAETDILHEVVNEGISR	AGAP003139-PA,AGAP012938-PA	-	127	2.21E-12	1	1966.025	0.56	Visceras	2R:-:33149216-33149163;UNKN:-:41201573-41201520	exon=> In CDS Exon 3 of transcript AGAP003139-PA;exon=> In CDS Exon 3 of transcript AGAP012938-PA
JHU_Ag_24322	TSLNLQWADSK	AGAP003139-PA,AGAP012938-PA	-	87	3.48E-08	2	1262.641	3.02	Ovary	2R:-:33150015-33149983;UNKN:-:41202379-41202347	exon=> In CDS Exon 1 of transcript AGAP003139-PA;exon=> In CDS Exon 1 of transcript AGAP012938-PA

JHU_Ag_46257	AAETNKEIFYVSADQQK	AGAP003139-PA,AGAP012938-PA	-	48	0.000227567	1	1941.957	0.9	Ovary	2R:-:33149567-33149517;UNKN:-:41201936-41201886	exon=> In CDS Exon 2 of transcript AGAP003139-PA;exon=> In CDS Exon 2 of transcript AGAP012938-PA
JHU_Ag_56155	LAVANAAYFK	AGAP003139-PA,AGAP012938-PA	-	53	3.21E-05	1	1067.591	2.38	Ovary	2R:-:33149700-33149671;UNKN:-:41202064-41202035	exon=> In CDS Exon 1 of transcript AGAP003139-PA;exon=> In CDS Exon 1 of transcript AGAP012938-PA
JHU_Ag_66748	FADTIELLDYQTQPDEQR	AGAP003139-PA,AGAP012938-PA	-	95	4.68E-09	2	2182.032	0.84	Ovary	2R:-:33149841-33149788;UNKN:-:41202205-41202152	exon=> In CDS Exon 1 of transcript AGAP003139-PA;exon=> In CDS Exon 1 of transcript AGAP012938-PA
JHU_Ag_67173	GQIKDLLEPGAITR	AGAP003139-PA,AGAP012938-PA	-	77	7.57E-08	2	1510.864	3.69	Ovary	2R:-:33149751-33149710;UNKN:-:41202115-41202074	exon=> In CDS Exon 1 of transcript AGAP003139-PA;exon=> In CDS Exon 1 of transcript AGAP012938-PA
JHU_Ag_71669	LAAETDILHEVVNEGISR	AGAP003139-PA,AGAP012938-PA	-	136	2.37E-13	1	1966.029	2.55	Ovary	2R:-:33149216-33149163;UNKN:-:41201573-41201520	exon=> In CDS Exon 3 of transcript AGAP003139-PA;exon=> In CDS Exon 3 of transcript AGAP012938-PA
JHU_Ag_91311	TTVYEAYDTARK	AGAP003139-PA,AGAP012938-PA	-	71	1.34E-06	1	1417.700	2.6	Ovary	2R:-:33149982-33149947;UNKN:-:41202346-41202311	exon=> In CDS Exon 1 of transcript AGAP003139-PA;exon=> In CDS Exon 1 of transcript AGAP012938-PA
JHU_Ag_111804	FSESNAVGFSSADKLFFGR	AGAP003139-PA,AGAP012938-PA	-	74	6.30E-07	3	2066.006	4.06	Ovary	2R:-:33149931-33149875;UNKN:-:41202295-41202239	exon=> In CDS Exon 1 of transcript AGAP003139-PA;exon=> In CDS Exon 1 of transcript AGAP012938-PA
JHU_Ag_751	QVAQILEK	AGAP003140-PA,AGAP003140-PB	-	41	0.000715852	1	928.547	0.46	Visceras	2R:+:33166780-33166803;2R:+:33166780-33166803	exon=> In CDS Exon 4 of transcript AGAP003140-PA;exon=> In CDS Exon 4 of transcript AGAP003140-PB
JHU_Ag_98246	QVAQILEK	AGAP003140-PA,AGAP003140-PB	-	40	0.001101299	1	928.546	-0.79	Male reproductive organs	2R:+:33166780-33166803;2R:+:33166780-33166803	exon=> In CDS Exon 4 of transcript AGAP003140-PA;exon=> In CDS Exon 4 of transcript AGAP003140-PB
JHU_Ag_1638	TLPTGELIITGLR	AGAP003141-PB	-	72	1.66E-07	2	1383.823	1.37	Head	2R:-:33183674-33183636	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_4232	AVGRPLPEITWLNEEGNVVGSLQDAR	AGAP003141-PB	-	57	2.02E-05	3	2820.462	-0.8	Midgut	2R:-:33183758-33183681	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_5527	DESETFVYPIRPN	AGAP003141-PB	N13(Deamidated)	76	4.39E-07	1	1566.747	2.06	Head	2R:-:33183584-33183546	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_67518	ASQTTFTCIGR	AGAP003141-PB	C8(Carbamidomethyl)	68	2.32E-06	1	1241.594	-0.54	Head	2R:-:33183995-33183963	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_68115	AVGRPLPEITWLNEEGNVVGSLQDAR	AGAP003141-PB	-	149	9.44E-15	1	2820.467	1.21	Head	2R:-:33183758-33183681	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_81247	TLPTGELIITGLR	AGAP003141-PB	-	51	2.13E-05	2	1383.821	0.58	Midgut	2R:-:33183674-33183636	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_87134	TLFENMGSTVVLPCK	AGAP003141-PB	C14(Carbamidomethyl)	55	4.38E-05	2	1695.847	1.66	Head	2R:-:33183803-33183759	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_106269	DESETFVYPIRPN	AGAP003141-PB	-	53	9.41E-05	2	1566.749	3.31	Midgut	2R:-:33183584-33183546	exon=> In CDS Exon 2 of transcript AGAP003141-PB
JHU_Ag_7497	HYADALWEIVK	AGAP003142-PA	-	54	6.66E-05	2	1344.695	0.48	Head	2R:+:33210273-33210305	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_11579	FSNVFAIGDCSSSPNSK	AGAP003142-PA	C10(Carbamidomethyl)	36	0.0026931	1	1816.819	1.05	Male reproductive organs	2R:+:33210675-33210725	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_12902	SLVTEVGFVDVNKDTLQHQK	AGAP003142-PA	-	53	5.36E-05	1	2257.186	1.68	Ovary	2R:+:33210615-33210674	exon=> In CDS Exon 5 of transcript AGAP003142-PA

JHU_Ag_15957	TGNAVFTFPNSPVK	AGAP003142-PA	-	48	0.000232332	2	1478.767	2.37	Visceras	2R:+:33210030-33210071	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_17814	TNLVEVKPGTDEAVFENLDKPDER	AGAP003142-PA	-	102	7.59E-10	1	2715.357	3.64	Ovary	2R:+:33210333-33210404	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_18525	LLVVGGGAGGCSVAAK	AGAP003142-PA	C11(Carbamidomethyl)	83	5.86E-08	2	1415.768	0.01	Head	2R:+:33208925-33208972	exon=> In CDS Exon 2 of transcript AGAP003142-PA
JHU_Ag_19132	VIVLEPADNHYYQPMFTLIGGGIK	AGAP003142-PA	-	32	0.005168531	1	2675.402	4.22	Ovary	2R:+:33209000-33209023,33209700-33209747	exon=> In CDS Exon 2 and 3 of transcript AGAP003142-PA
JHU_Ag_19920	NAQLHYNTSLPVLFGVK	AGAP003142-PA	-	62	4.58E-06	2	1901.034	3.07	Malpighian tubule	2R:+:33210222-33210272	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_19936	TAASVAAQSQVVYK	AGAP003142-PA	-	73	6.52E-07	2	1422.758	-0.55	Male reproductive organs	2R:+:33210726-33210741,33210906-33210931	exon=> In CDS Exon 5 and 6 of transcript AGAP003142-PA
JHU_Ag_20365	LLVVGGGAGGCSVAAK	AGAP003142-PA	C11(Carbamidomethyl)	87	2.26E-08	1	1415.768	0.19	Male reproductive organs	2R:+:33208925-33208972	exon=> In CDS Exon 2 of transcript AGAP003142-PA
JHU_Ag_22058	VLYIAEHYLR	AGAP003142-PA	-	50	0.000117876	1	1276.703	-1.32	Head	2R:+:33210093-33210122	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_22218	VLYIAEHYLR	AGAP003142-PA	-	58	1.51E-05	1	1276.706	1.16	Salivary gland	2R:+:33210093-33210122	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_26061	TNLVEVKPGTDEAVFENLDKPDER	AGAP003142-PA	-	124	5.51E-12	1	2715.354	2.36	Malpighian tubule	2R:+:33210333-33210404	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_27033	FSNVFAIGDCSSSPNSK	AGAP003142-PA	C10(Carbamidomethyl)	82	7.37E-08	2	1816.817	0.17	Salivary gland	2R:+:33210675-33210725	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_28963	TGNAVFTFPNSPVK	AGAP003142-PA	-	51	0.000124218	2	1478.770	3.94	Salivary gland	2R:+:33210030-33210071	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_31322	FSNVFAIGDCSSSPNSK	AGAP003142-PA	C10(Carbamidomethyl)	77	2.19E-07	1	1816.818	0.38	Visceras	2R:+:33210675-33210725	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_35713	TNLVEVKPGTDEAVFENLDKPDER	AGAP003142-PA	-	62	7.75E-06	1	2715.347	0	Male reproductive organs	2R:+:33210333-33210404	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_38093	VLYIAEHYLR	AGAP003142-PA	-	35	0.003249417	2	1276.708	2.79	Ovary	2R:+:33210093-33210122	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_38977	YELLHVTPPMGAPDVLK	AGAP003142-PA	-	32	0.005535307	1	1879.998	-0.57	Midgut	2R:+:33210555-33210605	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_39728	VLYIAEHYLR	AGAP003142-PA	-	51	8.86E-05	1	1276.705	0.49	Male reproductive organs	2R:+:33210093-33210122	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_40943	VIVLEPADNHYYQPMFTLIGGGIK	AGAP003142-PA	-	45	0.000250493	1	2675.397	2.38	Visceras	2R:+:33209000-33209023,33209700-33209747	exon=> In CDS Exon 2 and 3 of transcript AGAP003142-PA
JHU_Ag_42591	HYADALWEIVK	AGAP003142-PA	-	60	1.59E-05	2	1344.696	1.03	Salivary gland	2R:+:33210273-33210305	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_42890	LLVVGGGAGGCSVAAK	AGAP003142-PA	C11(Carbamidomethyl)	89	1.44E-08	2	1415.772	2.86	Ovary	2R:+:33208925-33208972	exon=> In CDS Exon 2 of transcript AGAP003142-PA
JHU_Ag_45863	IPGLLEALSIPNGK	AGAP003142-PA	N12(Deamidated)	34	0.000980241	2	1422.827	4.65	Malpighian tubule	2R:+:33209925-33209966	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_47446	KLEDSFRPMK	AGAP003142-PA	M9(Oxidation)	55	4.28E-05	1	1250.657	0.34	Malpighian tubule	2R:+:33209748-33209777	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_48030	NAQLHYNTSLPVLFGVK	AGAP003142-PA	-	44	0.000359323	1	1901.032	2.23	Head	2R:+:33210222-33210272	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_48154	SVLPALATWIK	AGAP003142-PA	-	64	1.66E-06	2	1198.719	-0.06	Midgut	2R:+:33209778-33209810	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_49510	VIVLEPADNHYYQPMFTLIGGGIK	AGAP003142-PA	M15(Oxidation)	59	1.20E-05	1	2675.385	-1.93	Midgut	2R:+:33209000-33209023,33209700-33209747	exon=> In CDS Exon 2 and 3 of transcript AGAP003142-PA
JHU_Ag_50688	TNLVEVKPGTDEAVFENLDKPDER	AGAP003142-PA	-	130	1.32E-12	1	2715.346	-0.61	Head	2R:+:33210333-33210404	exon=> In CDS Exon 4 of transcript AGAP003142-PA

JHU_Ag_51147	FSNVFAIGDCSSSPNSK	AGAP003142-PA	C10(Carbamidomethyl)	95	3.25E-09	2	1816.817	0.17	Midgut	2R:+:33210675-33210725	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_53146	LLVVGGGAGGCSVAAK	AGAP003142-PA	C11(Carbamidomethyl)	56	3.22E-05	2	1415.770	1.65	Salivary gland	2R:+:33208925-33208972	exon=> In CDS Exon 2 of transcript AGAP003142-PA
JHU_Ag_54488	TYQALKNFR	AGAP003142-PA	-	45	0.000263719	1	1140.616	0.29	Malpighian tubule	2R:+:33210003-33210029	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_57774	YELLHVTPPMGAPDVLK	AGAP003142-PA	M10(Oxidation)	94	5.04E-09	1	1895.999	2.67	Head	2R:+:33210555-33210605	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_63519	LLVVGGGAGGCSVAAK	AGAP003142-PA	C11(Carbamidomethyl)	115	3.77E-11	1	1415.768	0.01	Malpighian tubule	2R:+:33208925-33208972	exon=> In CDS Exon 2 of transcript AGAP003142-PA
JHU_Ag_65138	VLYIAEHYLR	AGAP003142-PA	-	81	8.58E-08	1	1276.704	-0.37	Midgut	2R:+:33210093-33210122	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_66000	HYADALWEIVK	AGAP003142-PA	-	61	1.25E-05	2	1344.697	1.57	Midgut	2R:+:33210273-33210305	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_70592	TNLVEVKPGTDEAVFENLDKPDER	AGAP003142-PA	-	140	1.33E-13	1	2715.344	-1.35	Midgut	2R:+:33210333-33210404	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_73917	SLVTEVGFVDVNKDTLQHQK	AGAP003142-PA	-	92	7.79E-09	1	2257.177	-2.4	Midgut	2R:+:33210615-33210674	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_74534	HYADALWEIVK	AGAP003142-PA	-	46	0.000375423	1	1344.698	2.3	Ovary	2R:+:33210273-33210305	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_74596	YELLHVTPPMGAPDVLK	AGAP003142-PA	M10(Oxidation)	52	7.67E-05	1	1895.993	-0.23	Male reproductive organs	2R:+:33210555-33210605	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_75413	SVLPALATWIK	AGAP003142-PA	-	61	3.20E-06	2	1198.719	-0.26	Male reproductive organs	2R:+:33209778-33209810	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_76295	SLVTEVGFVDVNKDTLQHQK	AGAP003142-PA	-	39	0.001254664	1	2257.189	3.12	Visceras	2R:+:33210615-33210674	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_76989	TGNAVFTFPNSPVK	AGAP003142-PA	-	51	0.00013935	2	1478.764	-0.1	Head	2R:+:33210030-33210071	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_79393	VIVLEPADNHYYQPMFTLIGGGIKK	AGAP003142-PA	-	34	0.002329989	1	2803.491	2.12	Ovary	2R:+:33209000-33209023,33209700-33209750	exon=> In CDS Exon 2 and 3 of transcript AGAP003142-PA
JHU_Ag_85074	SLVTEVGFVDVNKDTLQHQK	AGAP003142-PA	-	92	6.43E-09	1	2257.188	2.33	Malpighian tubule	2R:+:33210615-33210674	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_85719	TGNAVFTFPNSPVK	AGAP003142-PA	-	48	0.000255059	1	1478.768	3.03	Ovary	2R:+:33210030-33210071	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_85837	TNLVEVKPGTDEAVFENLDKPDER	AGAP003142-PA	-	81	1.08E-07	1	2715.349	0.61	Salivary gland	2R:+:33210333-33210404	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_86720	SVLPALATWIK	AGAP003142-PA	-	35	0.00111446	2	1198.721	1.57	Visceras	2R:+:33209778-33209810	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_87243	TGNAVFTFPNSPVK	AGAP003142-PA	-	57	2.98E-05	1	1478.769	3.36	Malpighian tubule	2R:+:33210030-33210071	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_88238	TNLVEVKPGTDEAVFENLDKPDER	AGAP003142-PA	-	82	8.34E-08	1	2715.352	1.69	Visceras	2R:+:33210333-33210404	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_88717	TGNAVFTFPNSPVK	AGAP003142-PA	-	53	9.21E-05	2	1478.763	-0.43	Midgut	2R:+:33210030-33210071	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_89078	IPGLLEALSIPNGK	AGAP003142-PA	-	50	1.74E-05	1	1421.836	-0.58	Head	2R:+:33209925-33209966	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_89669	SVLPALATWIK	AGAP003142-PA	-	29	0.004406204	2	1198.720	0.55	Head	2R:+:33209778-33209810	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_90018	SLVTEVGFVDVNK	AGAP003142-PA	-	61	9.19E-06	1	1406.753	0.41	Midgut	2R:+:33210615-33210653	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_90855	SVLPALATWIK	AGAP003142-PA	-	47	5.54E-05	2	1198.725	4.32	Malpighian tubule	2R:+:33209778-33209810	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_91071	TAASVAAQSQVVYK	AGAP003142-PA	-	78	1.81E-07	2	1422.757	-0.98	Malpighian tubule	2R:+:33210726-33210741,33210906-33210931	exon=> In CDS Exon 5 and 6 of transcript AGAP003142-PA

JHU_Ag_92323	KLEDSFRPMK	AGAP003142-PA	M9(Oxidation)	71	1.04E-06	1	1266.645	-5.19	Head	2R:+:33209748-33209777	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_94956	TAASVAAQSQVVYK	AGAP003142-PA	-	92	7.56E-09	1	1422.762	2.19	Ovary	2R:+:33210726-33210741,33210906-33210931	exon=> In CDS Exon 5 and 6 of transcript AGAP003142-PA
JHU_Ag_98905	VLYIAEHYLR	AGAP003142-PA	-	67	2.43E-06	1	1276.708	2.69	Malpighian tubule	2R:+:33210093-33210122	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_100716	NAQLHYNTSLPVLFGVK	AGAP003142-PA	-	42	0.000518185	1	1901.033	2.62	Ovary	2R:+:33210222-33210272	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_101660	SVLPALATWIK	AGAP003142-PA	-	45	0.000116162	2	1198.720	0.24	Salivary gland	2R:+:33209778-33209810	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_101670	VIVLEPADNHYYQPMFTLIGGGIK	AGAP003142-PA	M15(Oxidation)	44	0.000415213	1	2691.387	0.56	Male reproductive organs	2R:+:33209000-33209023,33209700-33209747	exon=> In CDS Exon 2 and 3 of transcript AGAP003142-PA
JHU_Ag_104847	FSNVFAIGDCSSSPNSK	AGAP003142-PA	C10(Carbamidomethyl)	146	2.30E-14	1	1816.821	2.12	Malpighian tubule	2R:+:33210675-33210725	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_111067	TAASVAAQSQVVYK	AGAP003142-PA	-	81	8.34E-08	2	1422.756	-2.1	Midgut	2R:+:33210726-33210741,33210906-33210931	exon=> In CDS Exon 5 and 6 of transcript AGAP003142-PA
JHU_Ag_113188	SLVTEVGFVDVNKDTLQHQK	AGAP003142-PA	-	59	1.09E-05	1	2257.191	4.01	Salivary gland	2R:+:33210615-33210674	exon=> In CDS Exon 5 of transcript AGAP003142-PA
JHU_Ag_114520	NAQLHYNTSLPVLFGVK	AGAP003142-PA	-	92	5.06E-09	1	1901.029	0.31	Midgut	2R:+:33210222-33210272	exon=> In CDS Exon 4 of transcript AGAP003142-PA
JHU_Ag_116131	SVLPALATWIKDSAAK	AGAP003142-PA	-	48	5.86E-05	1	1670.953	3.36	Malpighian tubule	2R:+:33209778-33209825	exon=> In CDS Exon 3 of transcript AGAP003142-PA
JHU_Ag_117384	VIVLEPADNHYYQPMFTLIGGGIK	AGAP003142-PA	M15(Oxidation)	56	1.74E-05	1	2675.405	5.46	Malpighian tubule	2R:+:33209000-33209023,33209700-33209747	exon=> In CDS Exon 2 and 3 of transcript AGAP003142-PA
JHU_Ag_28085	AQLQARIQTER	AGAP003146-PA	-	32	0.005314777	1	1313.732	2.57	Salivary gland	2R:-:33352352-33352320	exon=> In CDS Exon 5 of transcript AGAP003146-PA
JHU_Ag_77131	ELPEPILTTDLSSR	AGAP003146-PA	-	32	0.00726361	2	1570.837	2.78	Head	2R:-:33353711-33353670	exon=> In CDS Exon 3 of transcript AGAP003146-PA
JHU_Ag_451	ALEDFYDK	AGAP003153-PA	-	36	0.001383168	1	1000.465	2.36	Head	2R:-:33386713-33386690	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_872	ESKFGYVFAVSGPVVTAER	AGAP003153-PA	-	45	0.000389375	1	2043.064	4.69	Malpighian tubule	2R:-:33388929-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_1437	DFPELSVEIDGVTESIMK	AGAP003153-PA	M17(Oxidation)	148	2.27E-14	1	2024.975	0.63	Malpighian tubule	2R:-:33387297-33387244	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_1774	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation),"N6(Deamidated), M10(Oxidation)"	108	2.42E-10	1	1531.790	0.2	Midgut	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_1953	HAVETTAQSENK	AGAP003153-PA	Q8(Deamidated)	102	6.17E-10	1	1314.624	-3.17	Head	2R:-:33386434-33386399	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_2073	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	69	1.77E-06	1	1276.688	0.32	Ovary	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_2301	EILQEEEDLSEIVQLVGK	AGAP003153-PA	-	134	4.01E-13	1	2071.083	0.94	Ovary	2R:-:33386650-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_2307	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	106	4.05E-10	1	2134.008	6.11	Larva	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_2851	LPANHPLLTGQR	AGAP003153-PA	-	67	1.50E-06	1	1316.747	2.82	Male reproductive organs	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_3198	NMIGFYDMAR	AGAP003153-PA	M2(Oxidation),"M2(Oxidation), M8(Oxidation)",M8(Oxidation)	49	6.07E-05	1	1249.534	0.03	Ovary	2R:-:33386464-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA

JHU_Ag_3380	LPANHPLLTGQR	AGAP003153-PA	-	63	4.84E-06	1	1316.743	-0.14	Visceras	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_3893	TVISQSLSK	AGAP003153-PA	-	66	1.69E-06	2	962.552	0.47	Visceras	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_4337	VGYYELVGEIIR	AGAP003153-PA	-	103	3.45E-10	1	1410.763	0.05	Salivary gland	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_4834	LASFYER	AGAP003153-PA	-	44	0.000305833	2	885.445	-2.07	Head	2R:-:33387021-33387001	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_4864	TVISQSLSK	AGAP003153-PA	-	48	9.12E-05	2	962.552	0.34	Midgut	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_4922	EILQEEEDLSEIVQLVGK	AGAP003153-PA	-	148	1.54E-14	1	2071.087	2.95	Head	2R:-:33386650-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_4974	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	151	1.09E-14	1	1797.850	1.5	Malpighian tubule	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_6506	VGYYELVGEIIR	AGAP003153-PA	-	107	1.36E-10	1	1410.772	6.71	Head	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_6557	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	N17(Deamidated)	181	8.78E-18	1	2181.130	-0.15	Head	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_6686	ITWNVIR	AGAP003153-PA	-	45	0.000360705	1	901.528	2.36	Larva	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_6759	RTALVANTSNMPVAAR	AGAP003153-PA	M11(Oxidation)	76	3.30E-07	1	1687.893	1.08	Malpighian tubule	2R:-:33387243-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_7106	IKADFDQLYEDMQQAFR	AGAP003153-PA	M12(Oxidation)	115	4.15E-11	1	2133.994	1.34	Midgut	2R:-:33386202-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_7139	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation)	81	5.70E-08	2	1892.820	4.33	Larva	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_7597	DMGYNVSMMADSTSR	AGAP003153-PA	M2(Oxidation), M8(Oxidation), M9(Oxidation)	80	1.30E-08	2	1712.663	4.09	Salivary gland	2R:-:33387150-33387106	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_7835	GINVPCLSR	AGAP003153-PA	C6(Carbamidomethyl)	57	2.90E-05	1	1015.536	0.43	Malpighian tubule	2R:-:33387801-33387775	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_8744	ISDEDRESK	AGAP003153-PA	-	43	0.000555888	1	1078.502	0.55	Midgut	2R:-:33388947-33388921	exon=> In CDS Exon 1 of transcript AGAP003153-PA
JHU_Ag_8958	IKADFDQLYEDMQQAFR	AGAP003153-PA	M12(Oxidation)	72	1.04E-06	1	2133.996	2.25	Head	2R:-:33386202-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_9089	YSNSDVIVYVGCGER	AGAP003153-PA	C12(Carbamidomethyl)	98	2.24E-09	1	1717.789	2.57	Head	2R:-:33387369-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_9493	LMVPPRAK	AGAP003153-PA	M2(Oxidation)	31	0.003208928	1	927.546	1.76	Malpighian tubule	2R:-:33387669-33387646	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_9529	ITWNVIR	AGAP003153-PA	-	45	0.000363406	1	901.525	-0.96	Male reproductive organs	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_9727	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	149	1.39E-14	1	2181.127	-1.24	Pupa	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_9901	LPANHPLLTGQR	AGAP003153-PA	Q11(Deamidated)	99	9.13E-10	1	1316.746	1.62	Malpighian tubule	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_10437	ITWNVIR	AGAP003153-PA	-	46	0.000300894	1	901.525	-0.15	Salivary gland	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_10444	VGYYELVGEIIR	AGAP003153-PA	-	94	3.00E-09	1	1410.767	3.08	Pupa	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_10476	NMIGFYDMAR	AGAP003153-PA	M2(Oxidation), M8(Oxidation)	51	5.24E-05	1	1217.546	1.4	Salivary gland	2R:-:33386464-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_10596	QPRPVTEKLPANHPLLTGQR	AGAP003153-PA	-	48	4.90E-05	1	2252.265	1.19	Head	2R:-:33387528-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_10877	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	159	1.12E-15	1	2181.137	3.04	Midgut	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA

JHU_Ag_11576	VLDSLFPCVQGGTTAIPGAFGCGK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	94	6.43E-09	2	2452.211	4.36	Head	2R:-:33387468-33387397	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_11716	FKDPVK	AGAP003153-PA	-	42	0.000643205	2	733.425	0.28	Ovary	2R:-:33386335-33386726,33386137-33386218	exon=> In CDS Exon 5 and 4 of transcript AGAP003153-PA
JHU_Ag_12197	MSGSAMYELVR	AGAP003153-PA	M6(Oxidation),M1(Oxidation),"M1(Oxidation), M6(Oxidation)"	91	7.16E-09	1	1259.581	4.2	Malpighian tubule	2R:-:33388137-33388105	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_12560	ITWNVIR	AGAP003153-PA	-	41	0.000844139	1	901.525	-0.35	Ovary	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_12916	TVISQSLSK	AGAP003153-PA	-	39	0.000858767	1	962.550	-1.67	Pupa	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_13117	KISDEDR	AGAP003153-PA	-	42	0.001160554	1	862.426	-0.96	Salivary gland	2R:-:33388950-33388930	exon=> In CDS Exon 1 of transcript AGAP003153-PA
JHU_Ag_13990	TVGMLKNMIGFYDMAR	AGAP003153-PA	M4(Oxidation),M14(Oxidation),"M4(Oxidation), M14(Oxidation)","M4(Oxidation), M8(Oxidation)","M4(Oxidation), M8(Oxidation), M14(Oxidation)",M8(Oxidation),"M8(Oxidation), M14(Oxidation)"	94	7.37E-09	1	1846.910	4.73	Malpighian tubule	2R:-:33386482-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_14197	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	150	1.87E-14	1	2076.005	0.78	Visceras	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_14529	EILQEEEDLSEIVQLVGK	AGAP003153-PA	-	148	1.66E-14	1	2071.087	3.18	Salivary gland	2R:-:33386650-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_14726	NFPEFVPMR	AGAP003153-PA	M8(Oxidation)	65	5.64E-06	1	1136.559	2.51	Malpighian tubule	2R:-:33386689-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_14777	YSNSDVIVYVGCGER	AGAP003153-PA	C12(Carbamidomethyl)	100	1.41E-09	2	1717.787	1	Ovary	2R:-:33387369-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_14919	DMGYNVSMMADSTSR	AGAP003153-PA	M2(Oxidation), M9(Oxidation),"M2(Oxidation), M8(Oxidation)",M2(Oxidation),"M8(Oxidation), M9(Oxidation)","M2(Oxidation), M8(Oxidation), M9(Oxidation)",M8(Oxidation)	109	1.10E-11	1	1696.659	-1.32	Midgut	2R:-:33387150-33387106	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_15547	VGYYELVGEIIR	AGAP003153-PA	-	101	6.50E-10	2	1410.765	1.44	Midgut	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_16234	DDFLQQNSYSAYDR	AGAP003153-PA	N7(Deamidated),Q6(Deamidated)	92	4.53E-09	2	1721.744	1.96	Malpighian tubule	2R:-:33386542-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_16771	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	114	5.91E-11	1	1797.851	1.77	Pupa	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_17294	CLGNPER	AGAP003153-PA	C1(Carbamidomethyl)	37	0.001104484	2	845.395	1.83	Malpighian tubule	2R:-:33386985-33386965	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_17365	LEGDMATIQVYEETSGVTVGDPVLR	AGAP003153-PA	M5(Oxidation)	80	1.62E-07	2	2695.322	3.37	Head	2R:-:33388068-33387994	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_17496	LPANHPLLTGQR	AGAP003153-PA	-	87	2.05E-08	1	1316.742	-0.89	Pupa	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA

JHU_Ag_17510	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation)	97	2.94E-09	1	1531.790	0.44	Salivary gland	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_17555	HFPSINWLISYSK	AGAP003153-PA	-	64	5.30E-06	1	1591.832	3.56	Visceras	2R:-:33386835-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_17672	VGYYELVGEIIR	AGAP003153-PA	-	103	2.86E-10	1	1410.770	5.33	Visceras	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_17903	YIAPSGNYTVDDVILETEFDGEISK	AGAP003153-PA	-	70	1.49E-06	1	2775.337	4.37	Visceras	2R:-:33387633-33387559	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_18689	DSMGQILYQLSSMK	AGAP003153-PA	M3(Oxidation),"M3(Oxidation),M13(Oxidation)",M13(Oxidation)	118	1.99E-11	1	1616.768	1.2	Midgut	2R:-:33386377-33386336	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_18756	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	72	1.87E-07	1	2726.499	2.96	Pupa	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_18840	ITWNVIR	AGAP003153-PA	-	50	0.000103587	1	901.529	3.57	Malpighian tubule	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_18846	DDFLQQNSYSAYDR	AGAP003153-PA	-	68	1.10E-06	2	1721.746	3.3	Salivary gland	2R:-:33386542-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_20081	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	130	1.91E-12	1	2076.005	0.66	Male reproductive organs	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_20214	DINEMTSSIYIPK	AGAP003153-PA	M5(Oxidation)	78	2.75E-07	1	1510.746	0.29	Salivary gland	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_20295	ASLAETDKITLEVAK	AGAP003153-PA	-	122	5.11E-12	1	1588.880	0.39	Ovary	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_20527	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	82	9.23E-08	1	2133.991	-1.92	Male reproductive organs	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_20762	DINEMTSSIYIPK	AGAP003153-PA	M5(Oxidation)	42	0.001048385	1	1526.745	2.57	Male reproductive organs	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_21302	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation)	107	3.27E-10	1	1531.790	0.2	Pupa	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_21510	TGKPLSVELGPGIMGSIFDGIQRPLKDINEMTSSIYIPK	AGAP003153-PA	M14(Oxidation), M31(Oxidation)	35	0.001355391	1	4234.220	1.5	Midgut	2R:-:33387993-33388154,33386801-33387802	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_21588	EGSVSIVGAVSPPGGDFSDPVTSATLGIVQVFWGLDKK	AGAP003153-PA	-	40	0.000576442	1	3816.982	3.27	Head	2R:-:33386964-33386851	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_22260	VGYYELVGEIIR	AGAP003153-PA	-	103	3.51E-10	1	1410.763	0.48	Ovary	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_23216	HFPSINWLISYSK	AGAP003153-PA	-	92	8.77E-09	1	1591.830	2.33	Malpighian tubule	2R:-:33386835-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_23456	ITLEVAK	AGAP003153-PA	-	38	0.00093084	2	773.478	0.98	Malpighian tubule	2R:-:33386572-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_24226	GINVPCLSR	AGAP003153-PA	C6(Carbamidomethyl)	41	0.001095579	1	1015.536	1.09	Salivary gland	2R:-:33387801-33387775	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_24395	LEGDMATIQVYEETSGVTVGDPVLR	AGAP003153-PA	M5(Oxidation)	101	1.21E-09	2	2695.313	-0.16	Visceras	2R:-:33388068-33387994	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_24556	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation)	63	3.37E-06	2	1892.815	1.75	Visceras	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_24615	VKEILQEEEDLSEIVQLVGK	AGAP003153-PA	-	84	1.91E-08	1	2298.248	1.54	Ovary	2R:-:33386656-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_24918	NMIGFYDMAR	AGAP003153-PA	M2(Oxidation),"M2(Oxidation),M8(Oxidation)",M8(Oxidation)	54	1.92E-05	1	1249.534	0.12	Midgut	2R:-:33386464-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA

JHU_Ag_24959	ASLAETDKITLEVAK	AGAP003153-PA	-	84	3.47E-08	1	1588.882	1.39	Male reproductive organs	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_24969	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	86	4.38E-09	1	2710.509	4.57	Visceras	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_25002	MSGSAMYELVR	AGAP003153-PA	M1(Oxidation), M6(Oxidation),M1(Oxidation)	84	4.14E-08	1	1275.571	-0.19	Midgut	2R:-:33388137-33388105	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_25021	TVISQSLSK	AGAP003153-PA	-	60	0.000006 15	1	962.551	-0.29	Ovary	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_25884	VLDSLFPCVQGGTTAIPGAFGCGKTVISQSLSK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	93	3.85E-09	1	3395.745	3.39	Malpighian tubule	2R:-:33387468-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_25951	TQSWSFNPLNVK	AGAP003153-PA	-	75	5.62E-07	1	1420.725	2.13	Pupa	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_26019	YIAPSGNYTVDDVILETEFDGEISK	AGAP003153-PA	-	36	0.003359 717	3	2775.337	4.41	Head	2R:-:33387633-33387559	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_26070	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation),N9(Deamidated)	145	4.99E-14	1	2118.004	1.66	Malpighian tubule	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_26288	DFPELSVEIDGVTESIMK	AGAP003153-PA	M17(Oxidation)	93	7.37E-09	1	2024.982	4.37	Head	2R:-:33387297-33387244	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_26725	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	142	8.22E-14	1	1797.852	2.52	Head	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_26842	ITWNVIR	AGAP003153-PA	-	53	4.95E-05	2	901.525	-0.49	Midgut	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_27007	EILQEEEDLSEIVQLVGK	AGAP003153-PA	-	161	8.50E-16	1	2071.086	2.83	Visceras	2R:-:33386650-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_27303	FGYVFAVSGPVVTAER	AGAP003153-PA	-	108	1.81E-10	2	1698.880	-2.73	Midgut	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_27561	MSGSAMYELVR	AGAP003153-PA	M6(Oxidation),"M1(Oxidation), M6(Oxidation)",M1(Oxidation)	75	3.28E-07	1	1259.577	0.52	Ovary	2R:-:33388137-33388105	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_27883	FGYVFAVSGPVVTAER	AGAP003153-PA	-	99	1.44E-09	2	1698.884	-0.86	Head	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_27895	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation)	122	4.70E-12	1	1876.815	-1.4	Midgut	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_27936	EILQEEEDLSEIVQLVGK	AGAP003153-PA	-	144	4.32E-14	1	2071.086	2.48	Midgut	2R:-:33386650-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_27957	ITLEVAK	AGAP003153-PA	-	31	0.004091 427	1	773.477	0.58	Visceras	2R:-:33386572-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_27984	ITLEVAK	AGAP003153-PA	-	37	0.000869 057	2	773.476	-1.23	Head	2R:-:33386572-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_28207	MSGSAMYELVR	AGAP003153-PA	M1(Oxidation), M6(Oxidation)	56	2.44E-05	2	1275.574	2.68	Larva	2R:-:33388137-33388105	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_28330	WAEALR	AGAP003153-PA	-	38	0.002984 833	1	745.399	-0.44	Midgut	2R:-:33387105-33387088	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_28370	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	105	9.02E-11	1	2710.500	1.4	Salivary gland	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_29399	VLDSLFPCVQGGTTAIPGAFGCGK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	44	0.000613 553	2	2452.201	0.47	Male reproductive organs	2R:-:33387468-33387397	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_29408	DFPELSVEIDGVTESIMK	AGAP003153-PA	M17(Oxidation)	87	2.77E-08	1	2024.976	1.36	Visceras	2R:-:33387297-33387244	exon=> In CDS Exon 3 of transcript AGAP003153-PA

JHU_Ag_29452	HKLMVPPR	AGAP003153-PA	M4(Oxidation)	55	2.06E-05	1	993.568	1.34	Malpighian tubule	2R:-:33387675-33387652	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_29537	WAEALREISGR	AGAP003153-PA	-	55	4.30E-05	1	1287.681	0.65	Malpighian tubule	2R:-:33387105-33387073	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_29912	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	116	7.45E-12	1	2710.496	-0.09	Midgut	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_30186	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	111	1.20E-10	1	2118.004	1.97	Salivary gland	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_30229	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	103	6.93E-10	1	1797.849	0.48	Male reproductive organs	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_30399	MSGSAMYELVR	AGAP003153-PA	M1(Oxidation), M6(Oxidation)	81	8.08E-08	2	1243.583	1.44	Head	2R:-:33388137-33388105	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_30770	DMGYNVSMMADSTSR	AGAP003153-PA	M2(Oxidation),"M2(Oxidation), M8(Oxidation)","M2(Oxidation), M8(Oxidation), M9(Oxidation)","M2(Oxidation), M9(Oxidation)"	67	2.55E-07	2	1696.668	3.79	Ovary	2R:-:33387150-33387106	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_30868	LMVPPR	AGAP003153-PA	M2(Oxidation)	32	0.003761437	1	728.411	-2.19	Head	2R:-:33387669-33387652	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_31437	LPANHPLLTGQR	AGAP003153-PA	-	99	9.04E-10	1	1316.745	1.15	Salivary gland	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_31501	FTMLQVWPVR	AGAP003153-PA	-	64	5.14E-06	1	1276.689	1.27	Pupa	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_31743	FGYVFAVSGPVVTAERMSGSAMYELVR	AGAP003153-PA	M17(Oxidation),M22(Oxidation),"M17(Oxidation), M22(Oxidation)"	64	5.36E-06	1	2939.460	5.67	Malpighian tubule	2R:-:33388920-33388965,33387960-33388105	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_31907	DDFLQQNSYSAYDR	AGAP003153-PA	-	89	9.27E-09	1	1721.743	1.81	Ovary	2R:-:33386542-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_32014	TQSWSFNPLNVK	AGAP003153-PA	-	79	2.22E-07	1	1420.722	0.33	Ovary	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_32596	MSGSAMYELVR	AGAP003153-PA	M1(Oxidation), M6(Oxidation)	84	4.18E-08	1	1243.582	0.85	Salivary gland	2R:-:33388137-33388105	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_32738	DDFLQQNSYSAYDR	AGAP003153-PA	-	98	1.07E-09	1	1721.739	-0.67	Midgut	2R:-:33386542-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_32970	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation)	110	1.41E-10	1	1531.795	3.3	Ovary	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_34156	FGYVFAVSGPVVTAER	AGAP003153-PA	-	110	1.32E-10	1	1698.888	2.01	Salivary gland	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_34647	VGYYELVGEIIR	AGAP003153-PA	-	103	3.77E-10	1	1410.762	-0.9	Male reproductive organs	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_35357	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	61	1.14E-05	1	1292.681	-0.76	Male reproductive organs	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_35795	VKEILQEEEDLSEIVQLVGK	AGAP003153-PA	-	146	1.18E-14	2	2298.245	0.29	Midgut	2R:-:33386656-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_35910	IKADFDQLYEDMQQAFR	AGAP003153-PA	M12(Oxidation)	78	2.18E-07	1	2133.993	0.88	Ovary	2R:-:33386202-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_36538	TVISQSLSKYSNSDVIVYVGCGER	AGAP003153-PA	C21(Carbamidomethyl)	131	9.93E-13	1	2661.330	4.02	Malpighian tubule	2R:-:33387396-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_36627	LEGDMATIQVYEETSGVTVGDPVLR	AGAP003153-PA	M5(Oxidation)	120	1.46E-11	2	2695.320	2.37	Midgut	2R:-:33388068-33387994	exon=> In CDS Exon 2 of transcript AGAP003153-PA

JHU_Ag_36803	LPANHPLLTGQR	AGAP003153-PA	-	85	2.65E-08	1	1316.747	2.92	Larva	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_37281	VKEILQEEEDLSEIVQLVGK	AGAP003153-PA	-	168	7.94E-17	1	2298.248	1.78	Malpighian tubule	2R:-:33386656-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_37473	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	86	7.63E-09	1	2726.495	1.28	Ovary	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_37901	KHFPSINWLISYSK	AGAP003153-PA	-	65	3.27E-06	2	1719.927	3.08	Visceras	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_38560	DFPELSVEIDGVTESIMKR	AGAP003153-PA	M17(Oxidation)	33	0.007995136	1	2181.073	-0.76	Ovary	2R:-:33387297-33387241	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_38562	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	137	1.90E-13	1	2181.142	5.48	Larva	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_38943	HAVETTAQSENKITWNVIR	AGAP003153-PA	-	124	4.35E-12	1	2197.144	3.52	Malpighian tubule	2R:-:33386434-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_39347	LPANHPLLTGQR	AGAP003153-PA	-	83	5.13E-08	1	1316.743	-0.05	Ovary	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_39407	VLDSLFPCVQGGTTAIPGAFGCGK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	74	5.07E-07	2	2452.205	2.17	Visceras	2R:-:33387468-33387397	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_39432	TVISQSLSK	AGAP003153-PA	-	45	0.000226103	1	962.554	2.5	Larva	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_40165	ITWNVIR	AGAP003153-PA	-	52	6.11E-05	2	901.528	2.56	Head	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_40651	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	150	1.80E-14	1	2076.004	0.19	Ovary	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_40755	TGKPLSVELGPGIMGSIFDGIQRPLKDINEMTSSIYIPK	AGAP003153-PA	M14(Oxidation), M31(Oxidation)	35	0.001000715	1	4234.235	4.97	Head	2R:-:33387993-33388154,33386801-33387802	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_41646	ASLAETDK	AGAP003153-PA	-	42	0.001189949	2	834.422	1.85	Malpighian tubule	2R:-:33386596-33386573	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_42514	EASIYTGITLSEYFR	AGAP003153-PA	-	92	1.16E-08	2	1749.878	5.02	Pupa	2R:-:33387195-33387151	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_43888	QPRPVTEKLPANHPLLTGQR	AGAP003153-PA	-	111	2.45E-11	1	2252.265	1.11	Malpighian tubule	2R:-:33387528-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_45556	GNEMSEVLR	AGAP003153-PA	M4(Oxidation)	50	0.000125582	2	1050.486	-2.48	Male reproductive organs	2R:-:33387324-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_46098	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation)	63	7.68E-06	1	1531.791	0.75	Larva	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_46518	KHFPSINWLISYSK	AGAP003153-PA	-	93	4.93E-09	1	1719.922	0.2	Midgut	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_47402	LLKDDFLQQNSYSAYDR	AGAP003153-PA	Q9(Deamidated),N10(Deamidated)	152	1.03E-14	1	2076.006	1.36	Malpighian tubule	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_48283	TQSWSFNPLNVK	AGAP003153-PA	Q2(Deamidated)	86	4.61E-08	2	1420.719	-1.9	Midgut	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_48925	LEGDMATIQVYEETSGVTVGDPVLR	AGAP003153-PA	M5(Oxidation)	177	3.40E-17	1	2695.321	2.91	Malpighian tubule	2R:-:33388068-33387994	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_49233	YSNSDVIVYVGCGER	AGAP003153-PA	C12(Carbamidomethyl)	73	6.20E-07	2	1717.784	-0.42	Male reproductive organs	2R:-:33387369-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_49651	ASLAETDKITLEVAK	AGAP003153-PA	-	135	2.61E-13	1	1588.885	3.31	Malpighian tubule	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_49894	YIAPSGNYTVDDVILETEFDGEISK	AGAP003153-PA	-	78	2.41E-07	2	2775.333	2.79	Midgut	2R:-:33387633-33387559	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_50112	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	136	4.00E-13	1	2076.009	2.66	Head	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA

JHU_Ag_50335	ASLAETDKITLEVAK	AGAP003153-PA	-	130	7.59E-13	1	1588.883	2.46	Midgut	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_50827	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	164	6.44E-16	1	2076.003	0.07	Midgut	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_51402	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	120	1.82E-11	1	2076.007	1.6	Salivary gland	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_51630	TQSWSFNPLNVK	AGAP003153-PA	-	94	7.41E-09	1	1420.728	4.28	Head	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_51712	NMIGFYDMAR	AGAP003153-PA	M2(Oxidation), M8(Oxidation)	55	1.97E-05	1	1249.539	3.64	Larva	2R:-:33386464-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_51918	EISGRLAEMPADSGYPAYLGAR	AGAP003153-PA	M9(Oxidation)	113	7.68E-11	1	2324.136	0.86	Malpighian tubule	2R:-:33387087-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_54159	DSMGQILYQLSSMK	AGAP003153-PA	M3(Oxidation),"M3(Oxidation), M13(Oxidation)",M13(Oxidation)	119	1.73E-11	1	1616.770	2.41	Malpighian tubule	2R:-:33386377-33386336	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_54927	KHFPSINWLISYSK	AGAP003153-PA	-	90	8.76E-09	1	1719.923	0.62	Ovary	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_55620	HAVETTAQSENK	AGAP003153-PA	Q8(Deamidated)	102	7.18E-10	1	1314.631	1.57	Malpighian tubule	2R:-:33386434-33386399	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_55751	FGYVFAVSGPVVTAER	AGAP003153-PA	-	79	1.58E-07	2	1698.890	2.87	Pupa	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_55760	DSMGQILYQLSSMK	AGAP003153-PA	M3(Oxidation), M13(Oxidation)	93	9.32E-09	2	1600.777	3.45	Head	2R:-:33386377-33386336	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_56219	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	129	1.60E-12	1	1797.853	2.86	Visceras	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_56860	KHFPSINWLISYSK	AGAP003153-PA	-	71	7.24E-07	1	1719.922	0.2	Salivary gland	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_56972	GINVPCLSR	AGAP003153-PA	C6(Carbamidomethyl)	43	0.000565775	1	1015.537	2.05	Head	2R:-:33387801-33387775	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_57538	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	78	2.16E-07	1	1292.687	3.68	Head	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_58678	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation),"M10(Oxidation), Q11(Deamidated)","M10(Oxidation), Q12(Deamidated)"	122	5.72E-12	1	1876.823	3.22	Malpighian tubule	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_58801	YSNSDVIVYVGCGER	AGAP003153-PA	C12(Carbamidomethyl)	94	4.96E-09	2	1717.787	1.29	Visceras	2R:-:33387369-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_58838	IKADFDQLYEDMQQAFR	AGAP003153-PA	M12(Oxidation)	92	9.95E-09	1	2117.993	-1.66	Salivary gland	2R:-:33386202-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_59160	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	116	4.15E-11	1	2134.004	4.31	Head	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_59840	LPANHPLLTGQR	AGAP003153-PA	-	81	6.77E-08	1	1316.746	1.62	Midgut	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_61699	NMIGFYDMAR	AGAP003153-PA	M2(Oxidation),N1(Deamidated),M8(Oxidation),"N1(Deamidated), M2(Oxidation), M8(Oxidation)","M2(Oxidation), M8(Oxidation)"	73	3.23E-07	1	1217.547	2.4	Malpighian tubule	2R:-:33386464-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA

JHU_Ag_61967	LASFYERAGR	AGAP003153-PA	-	33	0.005284453	1	1169.608	1.68	Malpighian tubule	2R:-:33387021-33386992	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_62019	TVISQSLSK	AGAP003153-PA	-	59	8.20E-06	2	962.551	-0.67	Salivary gland	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_62479	DFPELSVEIDGVTESIMKR	AGAP003153-PA	M17(Oxidation)	105	5.66E-10	1	2181.070	-1.9	Midgut	2R:-:33387297-33387241	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_62843	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation)	105	4.51E-10	1	1531.792	1.23	Head	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_63042	DSMGQILYQLSSMK	AGAP003153-PA	M3(Oxidation),"M3(Oxidation), M13(Oxidation)",M13(Oxidation)	117	2.56E-11	1	1616.768	1.35	Ovary	2R:-:33386377-33386336	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_63693	TQSWSFNPLNVK	AGAP003153-PA	-	72	1.19E-06	2	1420.725	2.39	Visceras	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_63703	VKEILQEEEDLSEIVQLVGK	AGAP003153-PA	-	108	6.43E-11	2	2298.261	7.2	Larva	2R:-:33386656-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_63839	DFPELSVEIDGVTESIMKR	AGAP003153-PA	M17(Oxidation)	97	2.95E-09	1	2181.087	5.6	Malpighian tubule	2R:-:33387297-33387241	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_64339	YSNSDVIVYVGCGER	AGAP003153-PA	C12(Carbamidomethyl)	99	1.68E-09	2	1717.786	0.58	Salivary gland	2R:-:33387369-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_64552	FGYVFAVSGPVVTAER	AGAP003153-PA	-	88	1.97E-08	1	1698.891	3.37	Visceras	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_64838	ALEDFYDK	AGAP003153-PA	-	53	2.76E-05	2	1000.462	-0.22	Salivary gland	2R:-:33386713-33386690	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_65497	LASFYER	AGAP003153-PA	-	52	5.63E-05	2	885.446	-0.83	Malpighian tubule	2R:-:33387021-33387001	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_65762	ISDEDRESK	AGAP003153-PA	-	54	4.70E-05	2	1078.496	-4.43	Head	2R:-:33388947-33388921	exon=> In CDS Exon 1 of transcript AGAP003153-PA
JHU_Ag_67669	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	149	2.20E-14	1	2076.007	1.95	Pupa	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_68911	DDFLQQNSYSAYDRFCPFYK	AGAP003153-PA	C16(Carbamidomethyl)	78	1.23E-07	1	2564.131	4.75	Malpighian tubule	2R:-:33386542-33386483	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_69853	DSMGQILYQLSSMK	AGAP003153-PA	M3(Oxidation), M13(Oxidation)	89	1.70E-08	1	1632.769	4.98	Larva	2R:-:33386377-33386336	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_69919	ISDEDRESK	AGAP003153-PA	-	46	0.000283131	2	1078.502	0.67	Ovary	2R:-:33388947-33388921	exon=> In CDS Exon 1 of transcript AGAP003153-PA
JHU_Ag_70051	VGYYELVGEIIR	AGAP003153-PA	-	103	3.53E-10	1	1410.763	-0.03	Malpighian tubule	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_70749	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	86	6.17E-09	1	2726.506	5.31	Larva	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_70837	EASIYTGITLSEYFR	AGAP003153-PA	-	83	8.42E-08	2	1749.877	4.11	Head	2R:-:33387195-33387151	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_70868	GNEMSEVLRDFPELSVEIDGVTESIMK	AGAP003153-PA	M4(Oxidation), M26(Oxidation)	134	5.83E-13	1	3056.442	-0.65	Malpighian tubule	2R:-:33387324-33387244	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_70928	NMIGFYDMAR	AGAP003153-PA	M2(Oxidation), M8(Oxidation)	48	7.95E-05	1	1249.534	-0.27	Head	2R:-:33386464-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_71103	EASIYTGITLSEYFR	AGAP003153-PA	-	72	1.06E-06	1	1749.868	-0.56	Salivary gland	2R:-:33387195-33387151	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_72250	HFPSINWLISYSK	AGAP003153-PA	-	37	0.002961077	2	1591.835	5.09	Larva	2R:-:33386835-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_72501	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	112	1.19E-10	1	2118.001	0.28	Midgut	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA

JHU_Ag_72788	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	120	1.71E-11	1	2134.003	3.71	Visceras	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_73107	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	131	1.17E-12	1	2118.002	1.08	Ovary	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_73639	ITWNVIR	AGAP003153-PA	-	40	0.001040912	2	901.526	0.32	Pupa	2R:-:33386398-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_74157	TVISQSLSK	AGAP003153-PA	-	75	2.01E-07	1	962.552	0.59	Malpighian tubule	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_74183	TQSWSFNPLNVK	AGAP003153-PA	-	74	8.29E-07	2	1420.724	1.19	Salivary gland	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_75500	VKEILQEEEDLSEIVQLVGK	AGAP003153-PA	-	113	2.84E-11	1	2298.246	0.66	Salivary gland	2R:-:33386656-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_75874	HFPSINWLISYSKYMR	AGAP003153-PA	M15(Oxidation)	108	2.50E-10	1	2058.034	3.5	Malpighian tubule	2R:-:33386835-33387884,33386330-33386714	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_75982	TQSWSFNPLNVKAGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	159	8.13E-16	1	3582.856	6.01	Malpighian tubule	2R:-:33387774-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_76382	GINVPCLSRTQSWSFNPLNVK	AGAP003153-PA	C6(Carbamidomethyl)	99	1.45E-09	1	2417.251	4.85	Malpighian tubule	2R:-:33387801-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_76543	DSMGQILYQLSSMK	AGAP003153-PA	M3(Oxidation), M13(Oxidation)	117	3.62E-11	1	1600.776	3.07	Salivary gland	2R:-:33386377-33386336	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_76591	ASLAETDKITLEVAK	AGAP003153-PA	-	80	8.22E-08	1	1588.882	1.99	Salivary gland	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_76751	FGYVFAVSGPVVTAER	AGAP003153-PA	-	87	2.35E-08	2	1698.887	1.15	Ovary	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_77143	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	138	1.67E-13	1	2181.131	0.52	Salivary gland	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_77479	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	119	1.87E-11	1	1797.849	0.55	Midgut	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_77696	DSMGQILYQLSSMK	AGAP003153-PA	M13(Oxidation)	45	0.000401364	2	1616.771	2.94	Visceras	2R:-:33386377-33386336	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_78481	DMGYNVSMMADSTSR	AGAP003153-PA	M2(Oxidation), M8(Oxidation),M9(Oxidation),M2(Oxidation),"M8(Oxidation), M9(Oxidation)","M2(Oxidation), M8(Oxidation), M9(Oxidation)",M8(Oxidation)	136	6.87E-14	1	1664.675	2.3	Malpighian tubule	2R:-:33387150-33387106	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_79141	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	126	2.38E-12	1	2181.134	1.67	Male reproductive organs	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_79226	GNEMSEVLR	AGAP003153-PA	M4(Oxidation)	53	6.94E-05	2	1050.488	-0.86	Midgut	2R:-:33387324-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_79388	VLDSLFPCVQGGTTAIPGAFGCGK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	86	3.97E-08	2	2452.204	1.67	Midgut	2R:-:33387468-33387397	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_79550	LASFYER	AGAP003153-PA	-	42	0.000439604	1	885.446	-0.69	Salivary gland	2R:-:33387021-33387001	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_80310	EILQEEEDLSEIVQLVGK	AGAP003153-PA	-	157	1.95E-15	1	2071.085	2.01	Malpighian tubule	2R:-:33386650-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_80403	ADFDQLYEDMQQAFRNLED	AGAP003153-PA	M10(Oxidation)	101	4.66E-10	1	2364.014	2.27	Malpighian tubule	2R:-:33386196-33386140	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_80684	VKEILQEEEDLSEIVQLVGK	AGAP003153-PA	-	113	2.74E-11	1	2298.248	1.89	Visceras	2R:-:33386656-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA

JHU_Ag_82249	QPRPVTEK	AGAP003153-PA	-	35	0.002244812	2	954.536	-0.41	Malpighian tubule	2R:-:33387528-33387505	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_82478	VKCLGNPER	AGAP003153-PA	C3(Carbamidomethyl)	48	0.000184258	1	1072.558	0.99	Malpighian tubule	2R:-:33386991-33386965	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_83124	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	72	9.31E-07	1	1292.688	4.72	Larva	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_83200	ASLAETDKITLEVAK	AGAP003153-PA	-	122	5.29E-12	1	1588.881	0.85	Pupa	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_83946	YSNSDVIVYVGCGER	AGAP003153-PA	C12(Carbamidomethyl),"N3(Deamidated), C12(Carbamidomethyl)"	116	3.52E-11	1	1717.790	2.78	Malpighian tubule	2R:-:33387369-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_84306	EASIYTGITLSEYFR	AGAP003153-PA	-	100	1.68E-09	1	1749.880	6.13	Visceras	2R:-:33387195-33387151	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_84413	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	133	6.69E-13	1	1797.857	5.16	Larva	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_84462	NMIGFYDMAR	AGAP003153-PA	M2(Oxidation), M8(Oxidation)	53	2.49E-05	2	1249.534	-0.17	Visceras	2R:-:33386464-33386435	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_84546	IKADFDQLYEDMQQAFR	AGAP003153-PA	M12(Oxidation)	71	1.26E-06	1	2133.998	3.28	Larva	2R:-:33386202-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_85494	HAVETTAQSENK	AGAP003153-PA	-	41	0.001098163	2	1314.636	5.47	Larva	2R:-:33386434-33386399	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_86034	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	N17(Deamidated)	166	2.65E-16	1	2181.134	1.79	Malpighian tubule	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_86240	HAVETTAQSENK	AGAP003153-PA	-	66	2.79E-06	2	1314.629	0.36	Salivary gland	2R:-:33386434-33386399	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_86985	HFPSINWLISYSK	AGAP003153-PA	-	34	0.006197537	2	1591.835	5.32	Head	2R:-:33386835-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_87923	ALEDFYDK	AGAP003153-PA	-	57	1.19E-05	1	1000.462	-0.34	Malpighian tubule	2R:-:33386713-33386690	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_87982	GNEMSEVLR	AGAP003153-PA	M4(Oxidation)	36	0.003518605	2	1050.488	-0.74	Salivary gland	2R:-:33387324-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_89306	LASFYER	AGAP003153-PA	-	34	0.003330313	2	885.445	-1.52	Pupa	2R:-:33387021-33387001	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_89731	EASIYTGITLSEYFR	AGAP003153-PA	-	118	3.05E-11	2	1749.870	0.55	Midgut	2R:-:33387195-33387151	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_90329	ALEDFYDK	AGAP003153-PA	-	38	0.000967999	1	1000.463	1.02	Midgut	2R:-:33386713-33386690	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_90521	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation)	116	3.44E-11	1	1531.788	-0.92	Visceras	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_90573	TQSWSFNPLNVK	AGAP003153-PA	-	94	7.39E-09	1	1420.729	4.71	Malpighian tubule	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_91658	TQSWSFNPLNVK	AGAP003153-PA	-	64	7.90E-06	2	1420.726	3.08	Larva	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_91744	QPRPVTEKLPANHPLLTGQR	AGAP003153-PA	-	44	0.000126905	1	2252.261	-0.42	Ovary	2R:-:33387528-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_91911	EASIYTGITLSEYFRDMGYNVSMMADSTSR	AGAP003153-PA	M17(Oxidation), M23(Oxidation),"M17(Oxidation), M24(Oxidation)","M23(Oxidation), M24(Oxidation)","M17(Oxidation), M23(Oxidation), M24(Oxidation)"	98	1.29E-09	1	3443.524	4.69	Malpighian tubule	2R:-:33387195-33387106	exon=> In CDS Exon 3 of transcript AGAP003153-PA

JHU_Ag_92208	DDFLQQNSYSAYDR	AGAP003153-PA	N7(Deamidated)	84	2.53E-08	1	1721.747	4.22	Head	2R:-:33386542-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_92561	VKEILQEEEDLSEIVQLVGK	AGAP003153-PA	-	102	2.56E-10	1	2298.254	4.24	Head	2R:-:33386656-33386597	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_92595	ALEDFYDKNFPEFVPMR	AGAP003153-PA	M16(Oxidation)	104	6.10E-10	1	2133.996	0.54	Pupa	2R:-:33386713-33386663	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_92763	KHFPSINWLISYSK	AGAP003153-PA	-	53	4.65E-05	1	1719.925	2.01	Pupa	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_93569	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation)	92	8.70E-09	1	1531.793	2.27	Male reproductive organs	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_93710	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation)	123	4.19E-12	1	1876.820	1.34	Salivary gland	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_94275	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	162	6.77E-16	1	2181.133	1.23	Ovary	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_94646	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	135	4.75E-13	1	1781.855	1.4	Salivary gland	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_95209	HAVETTAQSENK	AGAP003153-PA	-	85	3.62E-08	1	1314.630	1.47	Male reproductive organs	2R:-:33386434-33386399	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_95381	VGYYELVGEIIR	AGAP003153-PA	-	70	7.29E-07	1	1410.769	4.55	Larva	2R:-:33388104-33388069	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_95830	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	81	1.00E-07	1	1292.685	2.55	Salivary gland	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_96170	DFPELSVEIDGVTESIMKR	AGAP003153-PA	M17(Oxidation)	46	0.000431373	1	2181.076	0.5	Visceras	2R:-:33387297-33387241	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_96612	DINEMTSSIYIPK	AGAP003153-PA	M5(Oxidation)	63	7.03E-06	2	1526.749	5.53	Larva	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_97671	GNEMSEVLR	AGAP003153-PA	M4(Oxidation)	57	3.02E-05	2	1034.493	-0.48	Ovary	2R:-:33387324-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_97942	GNEMSEVLR	AGAP003153-PA	M4(Oxidation)	59	1.59E-05	2	1050.490	1	Malpighian tubule	2R:-:33387324-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_98264	VLDSLFPCVQGGTTAIPGAFGCGK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	73	8.13E-07	2	2452.200	0.17	Ovary	2R:-:33387468-33387397	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_98342	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	68	4.39E-07	1	2726.499	2.76	Head	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_98728	VLDSLFPCVQGGTTAIPGAFGCGK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	149	1.71E-14	1	2452.210	4.06	Malpighian tubule	2R:-:33387468-33387397	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_99063	HFPSINWLISYSK	AGAP003153-PA	-	44	0.000542233	1	1591.829	1.17	Midgut	2R:-:33386835-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_99339	LAEMPADSGYPAYLGAR	AGAP003153-PA	M4(Oxidation)	129	1.85E-12	1	1797.854	3.67	Ovary	2R:-:33387072-33387022	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_99434	GNEMSEVLR	AGAP003153-PA	M4(Oxidation)	52	8.55E-05	2	1050.491	2.16	Larva	2R:-:33387324-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_99603	LEGDMATIQVYEETSGVTVGDPVLR	AGAP003153-PA	M5(Oxidation)	135	5.86E-13	2	2695.317	1.37	Ovary	2R:-:33388068-33387994	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_99875	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation)	81	5.20E-08	2	1892.818	3.37	Male reproductive organs	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_100199	EGSVSIVGAVSPPGGDFSDPVTSATLGIVQVFWGLDKK	AGAP003153-PA	-	49	7.10E-05	1	3816.974	1.16	Midgut	2R:-:33386964-33386851	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_100378	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation)	98	1.30E-09	2	1892.816	2.27	Head	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_100502	TGKPLSVELGPGIMGSIFDGIQRPLKDINEMTSSIYIPK	AGAP003153-PA	M31(Oxidation),M14(Oxidation),"M14(Oxidation), M31(Oxidation)"	138	3.21E-14	1	4202.243	4.44	Malpighian tubule	2R:-:33387993-33388154,33386801-33387802	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA

JHU_Ag_100763	MSGSAMYELVR	AGAP003153-PA	M1(Oxidation), M6(Oxidation)	68	1.62E-06	2	1275.577	5.07	Male reproductive organs	2R:-:33388137-33388105	exon=> In CDS Exon 2 of transcript AGAP003153-PA
JHU_Ag_100873	ASLAETDKITLEVAK	AGAP003153-PA	-	113	3.83E-11	1	1588.882	1.54	Visceras	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_101001	DINEMTSSIYIPK	AGAP003153-PA	-	59	1.96E-05	2	1510.744	-1.09	Midgut	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_101257	EGSVSIVGAVSPPGGDFSDPVTSATLGIVQVFWGLDKK	AGAP003153-PA	-	79	7.03E-08	1	3816.987	4.62	Malpighian tubule	2R:-:33386964-33386851	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_101322	FGYVFAVSGPVVTAER	AGAP003153-PA	-	59	1.64E-05	1	1698.884	-0.58	Male reproductive organs	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_101384	DINEMTSSIYIPK	AGAP003153-PA	M5(Oxidation)	71	1.10E-06	2	1526.742	1.06	Ovary	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_101446	AGSHITGGDLYGIVHENTLVK	AGAP003153-PA	-	139	1.25E-13	1	2181.138	3.58	Visceras	2R:-:33387738-33387676	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_101468	ASLAETDKITLEVAK	AGAP003153-PA	-	122	5.02E-12	1	1588.884	3.08	Head	2R:-:33386596-33386552	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_101500	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	88	2.49E-08	1	1292.685	2.64	Malpighian tubule	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_102022	HFPSINWLISYSK	AGAP003153-PA	-	34	0.005264018	1	1591.831	2.48	Ovary	2R:-:33386835-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_102024	EASIYTGITLSEYFR	AGAP003153-PA	-	114	6.90E-11	1	1749.869	-0.49	Malpighian tubule	2R:-:33387195-33387151	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_102608	DINEMTSSIYIPK	AGAP003153-PA	M5(Oxidation)	72	9.38E-07	2	1526.742	0.74	Pupa	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_102730	TGKPLSVELGPGIMGSIFDGIQRPLK	AGAP003153-PA	M14(Oxidation)	127	5.99E-13	1	2710.500	1.46	Malpighian tubule	2R:-:33387993-33388154,33386801-33387841	exon=> In CDS Exon 3 and 2 of transcript AGAP003153-PA
JHU_Ag_102826	LASFYER	AGAP003153-PA	-	35	0.002183038	2	885.446	-0.69	Midgut	2R:-:33387021-33387001	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_103154	HAVETTAQSENK	AGAP003153-PA	-	90	1.16E-08	1	1314.627	-0.75	Midgut	2R:-:33386434-33386399	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_103473	FGYVFAVSGPVVTAER	AGAP003153-PA	-	146	3.10E-14	1	1698.888	1.64	Malpighian tubule	2R:-:33388920-33388965,33387960-33388138	exon=> In CDS Exon 2 and 1 of transcript AGAP003153-PA
JHU_Ag_104196	ISDEDRESK	AGAP003153-PA	-	44	0.000445192	2	1078.501	-0.47	Malpighian tubule	2R:-:33388947-33388921	exon=> In CDS Exon 1 of transcript AGAP003153-PA
JHU_Ag_104485	ASLAETDK	AGAP003153-PA	-	41	0.001302449	2	834.419	-1.59	Head	2R:-:33386596-33386573	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_106406	VLDSLFPCVQGGTTAIPGAFGCGK	AGAP003153-PA	C8(Carbamidomethyl), C22(Carbamidomethyl)	141	1.06E-13	1	2452.208	3.06	Salivary gland	2R:-:33387468-33387397	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_106460	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	76	3.35E-07	1	1292.684	1.79	Visceras	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_106618	DINEMTSSIYIPK	AGAP003153-PA	M5(Oxidation)	101	1.30E-09	1	1526.743	1.69	Malpighian tubule	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_106715	KHFPSINWLISYSK	AGAP003153-PA	-	77	1.96E-07	1	1719.928	3.71	Larva	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_106740	KHFPSINWLISYSK	AGAP003153-PA	-	110	8.33E-11	1	1719.926	2.43	Malpighian tubule	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_106835	DINEMTSSIYIPK	AGAP003153-PA	M5(Oxidation)	80	1.62E-07	2	1510.749	2.31	Head	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA

JHU_Ag_107240	YSNSDVIVYVGCGERGNEMSEVLR	AGAP003153-PA	C12(Carbamidomethyl), M19(Oxidation),C12(Carbamidomethyl)	142	7.16E-14	1	2749.266	3.73	Malpighian tubule	2R:-:33387369-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_107651	LPANHPLLTGQR	AGAP003153-PA	-	99	1.06E-09	1	1316.744	0.41	Head	2R:-:33387504-33387469	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_107777	IKADFDQLYEDMQQAFR	AGAP003153-PA	M12(Oxidation)	94	6.85E-09	1	2118.002	2.84	Visceras	2R:-:33386202-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_107839	AGSHITGGDLYGIVHENTLVKHK	AGAP003153-PA	-	124	4.33E-12	1	2446.291	2.94	Malpighian tubule	2R:-:33387738-33387670	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_108419	YIAPSGNYTVDDVILETEFDGEISK	AGAP003153-PA	-	138	2.23E-13	1	2775.330	1.74	Malpighian tubule	2R:-:33387633-33387559	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_108851	FTMLQVWPVR	AGAP003153-PA	M3(Oxidation)	78	2.20E-07	1	1292.682	0	Midgut	2R:-:33387558-33387529	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_109825	IKADFDQLYEDMQQAFR	AGAP003153-PA	M12(Oxidation)	147	3.04E-14	1	2118.007	4.95	Malpighian tubule	2R:-:33386202-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_110260	DMGYNVSMMADSTSR	AGAP003153-PA	M2(Oxidation), M9(Oxidation),"M2(Oxidation), M8(Oxidation)",M9(Oxidation),M2(Oxidation),"M8(Oxidation), M9(Oxidation)","M2(Oxidation), M8(Oxidation), M9(Oxidation)"	132	1.15E-13	2	1680.672	3.27	Head	2R:-:33387150-33387106	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_111170	TVISQSLSK	AGAP003153-PA	-	51	5.65E-05	1	962.552	0.78	Head	2R:-:33387396-33387370	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_112397	LASFYER	AGAP003153-PA	-	42	0.000504732	2	885.447	0.27	Visceras	2R:-:33387021-33387001	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_112673	LMVPPR	AGAP003153-PA	M2(Oxidation)	32	0.00357564	1	728.412	0.08	Malpighian tubule	2R:-:33387669-33387652	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_113046	HAVETTAQSENKITWNVIR	AGAP003153-PA	-	105	3.61E-10	1	2197.136	-0.14	Ovary	2R:-:33386434-33386378	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_113065	GNEMSEVLR	AGAP003153-PA	M4(Oxidation)	50	0.000140379	1	1034.492	-1.54	Head	2R:-:33387324-33387298	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_113134	YSNSDVIVYVGCGER	AGAP003153-PA	C12(Carbamidomethyl)	99	1.74E-09	2	1717.783	-1.06	Midgut	2R:-:33387369-33387325	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_114736	TQSWSFNPLNVK	AGAP003153-PA	-	72	1.19E-06	2	1420.723	0.42	Male reproductive organs	2R:-:33387774-33387739	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_114775	ADFDQLYEDMQQAFR	AGAP003153-PA	M10(Oxidation)	119	1.23E-11	1	1876.827	5.3	Ovary	2R:-:33386196-33386152	exon=> In CDS Exon 5 of transcript AGAP003153-PA
JHU_Ag_115434	LLKDDFLQQNSYSAYDR	AGAP003153-PA	-	137	3.54E-13	1	2076.011	3.6	Larva	2R:-:33386551-33386501	exon=> In CDS Exon 4 of transcript AGAP003153-PA
JHU_Ag_115650	DMGYNVSMMADSTSR	AGAP003153-PA	M2(Oxidation), M8(Oxidation), M9(Oxidation)	104	6.27E-11	2	1712.663	4.09	Larva	2R:-:33387150-33387106	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_115968	TALVANTSNMPVAAR	AGAP003153-PA	M10(Oxidation),N6(Deamidated),"N6(Deamidated), M10(Oxidation)"	121	1.11E-11	1	1531.790	0.44	Malpighian tubule	2R:-:33387240-33387196	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_116588	KHFPSINWLISYSK	AGAP003153-PA	-	93	4.82E-09	1	1719.927	3.07	Head	2R:-:33386838-33387884,33386330-33386723	exon=> In CDS Exon 4 and 3 of transcript AGAP003153-PA
JHU_Ag_117120	HAVETTAQSENK	AGAP003153-PA	-	85	3.83E-08	2	1314.630	0.92	Ovary	2R:-:33386434-33386399	exon=> In CDS Exon 4 of transcript AGAP003153-PA

JHU_Ag_117373	DINEMTSSIYIPK	AGAP003153-PA	-	38	0.002361901	2	1510.751	3.28	Visceras	2R:-:33387840-33387802	exon=> In CDS Exon 3 of transcript AGAP003153-PA
JHU_Ag_20878	AQCPAQLGLAVR	AGAP003154-PB,AGAP003154-PA	C3(Carbamidomethyl)	45	0.000322498	1	1283.689	0.25	Head	2R:+:33392799-33392834;2R:+:33392799-33392834	exon=> In CDS Exon 1 of transcript AGAP003154-PB;exon=> In CDS Exon 2 of transcript AGAP003154-PA
JHU_Ag_36886	AQCPAQLGLAVR	AGAP003154-PB,AGAP003154-PA	C3(Carbamidomethyl)	72	5.80E-07	1	1283.689	0.35	Male reproductive organs	2R:+:33392799-33392834;2R:+:33392799-33392834	exon=> In CDS Exon 1 of transcript AGAP003154-PB;exon=> In CDS Exon 2 of transcript AGAP003154-PA
JHU_Ag_43356	AQCPAQLGLAVR	AGAP003154-PB,AGAP003154-PA	C3(Carbamidomethyl)	65	2.79E-06	1	1283.687	-1.27	Ovary	2R:+:33392799-33392834;2R:+:33392799-33392834	exon=> In CDS Exon 1 of transcript AGAP003154-PB;exon=> In CDS Exon 2 of transcript AGAP003154-PA
JHU_Ag_51249	TLQDCGITVVTAK	AGAP003154-PB,AGAP003154-PA	C5(Carbamidomethyl)	65	4.74E-06	2	1405.739	2.2	Midgut	2R:+:33392760-33392798;2R:+:33392760-33392798	exon=> In CDS Exon 1 of transcript AGAP003154-PB;exon=> In CDS Exon 2 of transcript AGAP003154-PA
JHU_Ag_96531	TLQDCGITVVTAK	AGAP003154-PB,AGAP003154-PA	C5(Carbamidomethyl)	67	3.04E-06	2	1405.737	1.16	Head	2R:+:33392760-33392798;2R:+:33392760-33392798	exon=> In CDS Exon 1 of transcript AGAP003154-PB;exon=> In CDS Exon 2 of transcript AGAP003154-PA
JHU_Ag_100991	DNMLMDDDK	AGAP003154-PB,AGAP003154-PA	M3(Oxidation), M5(Oxidation)	57	2.31E-06	2	1128.420	1.35	Head	2R:+:33392733-33392759;2R:+:33392733-33392759	exon=> In CDS Exon 1 of transcript AGAP003154-PB;exon=> In CDS Exon 2 of transcript AGAP003154-PA
JHU_Ag_34001	ETYVDFFR	AGAP003155-PA	-	49	0.00017233	2	1076.504	-0.87	Midgut	2R:-:33393966-33393943	exon=> In CDS Exon 2 of transcript AGAP003155-PA
JHU_Ag_58137	GTNQGGPAYGFDESLR	AGAP003155-PA	-	85	3.82E-08	2	1668.761	-0.31	Midgut	2R:-:33394429-33394382	exon=> In CDS Exon 1 of transcript AGAP003155-PA
JHU_Ag_78299	GTNQGGPAYGFDESLR	AGAP003155-PA	-	64	5.25E-06	2	1668.762	0.64	Head	2R:-:33394429-33394382	exon=> In CDS Exon 1 of transcript AGAP003155-PA
JHU_Ag_86736	GTNQGGPAYGFDESLR	AGAP003155-PA	-	82	8.64E-08	1	1668.760	-0.61	Male reproductive organs	2R:-:33394429-33394382	exon=> In CDS Exon 1 of transcript AGAP003155-PA
JHU_Ag_52780	YALTEGNQLVTEALAGSTLK	AGAP003156-PA	-	36	0.002169807	2	2079.098	0.5	Ovary	2R:+:33396243-33396302	exon=> In CDS Exon 2 of transcript AGAP003156-PA
JHU_Ag_62871	QFALETIAK	AGAP003156-PA	Q1(Deamidated)	29	0.012887021	1	1021.568	10.83	Midgut	2R:+:33395481-33395507	exon=> In CDS Exon 2 of transcript AGAP003156-PA
JHU_Ag_17530	RIDLPETSSHR	AGAP003164-PB,AGAP003164-PA	-	38	0.002225923	3	1310.676	-4.12	Head	2R:-:33463798-33463766;2R:-:33463798-33463766	exon=> In CDS Exon 6 of transcript AGAP003164-PB;exon=> In CDS Exon 6 of transcript AGAP003164-PA
JHU_Ag_23953	VENLGVVENVYEK	AGAP003164-PB,AGAP003164-PA	-	58	2.45E-05	2	1491.772	1.77	Ovary	2R:-:33463271-33463233;2R:-:33463271-33463233	exon=> In CDS Exon 7 of transcript AGAP003164-PB;exon=> In CDS Exon 7 of transcript AGAP003164-PA
JHU_Ag_27290	QSLKPFATELGVDDILAK	AGAP003164-PB,AGAP003164-PA	-	53	3.08E-05	1	1945.075	5.37	Malpighian tubule	2R:-:33463175-33463122;2R:-:33463175-33463122	exon=> In CDS Exon 7 of transcript AGAP003164-PB;exon=> In CDS Exon 7 of transcript AGAP003164-PA
JHU_Ag_54696	HNEILQIAR	AGAP003164-PB,AGAP003164-PA	-	42	0.000442933	1	1093.610	-1.17	Head	2R:-:33466605-33466579;2R:-:33466605-33466579	exon=> In CDS Exon 3 of transcript AGAP003164-PB;exon=> In CDS Exon 3 of transcript AGAP003164-PA
JHU_Ag_57237	LVRPIQTLAVSEEEQK	AGAP003164-PB,AGAP003164-PA	-	62	3.76E-06	1	1840.016	-0.82	Malpighian tubule	2R:-:33464423-33464376;2R:-:33464423-33464376	exon=> In CDS Exon 5 of transcript AGAP003164-PB;exon=> In CDS Exon 5 of transcript AGAP003164-PA
JHU_Ag_60970	HDNELIGR	AGAP003164-PB,AGAP003164-PA	-	31	0.008058468	2	953.475	-5.63	Head	2R:-:33464892-33464869;2R:-:33464892-33464869	exon=> In CDS Exon 4 of transcript AGAP003164-PB;exon=> In CDS Exon 4 of transcript AGAP003164-PA

JHU_Ag_61507	LQNLIK	AGAP003164-PB,AGAP003164-PA	N3(Deamidated)	35	0.004097144	1	729.452	2.18	Malpighian tubule	2R:-:33464048-33464031;2R:-:33464048-33464031	exon=> In CDS Exon 5 of transcript AGAP003164-PB;exon=> In CDS Exon 5 of transcript AGAP003164-PA
JHU_Ag_64221	LQNLIK	AGAP003164-PB,AGAP003164-PA	N3(Deamidated)	40	0.001506396	1	729.451	0.94	Ovary	2R:-:33464048-33464031;2R:-:33464048-33464031	exon=> In CDS Exon 5 of transcript AGAP003164-PB;exon=> In CDS Exon 5 of transcript AGAP003164-PA
JHU_Ag_67349	LQNLIK	AGAP003164-PB,AGAP003164-PA	N3(Deamidated)	34	0.001654847	2	729.451	0.17	Head	2R:-:33464048-33464031;2R:-:33464048-33464031	exon=> In CDS Exon 5 of transcript AGAP003164-PB;exon=> In CDS Exon 5 of transcript AGAP003164-PA
JHU_Ag_70236	DKEAPQLR	AGAP003164-PB,AGAP003164-PA	-	41	0.000619965	1	956.521	4.93	Malpighian tubule	2R:-:33466578-33466555;2R:-:33466578-33466555	exon=> In CDS Exon 3 of transcript AGAP003164-PB;exon=> In CDS Exon 3 of transcript AGAP003164-PA
JHU_Ag_72103	VENLGVVENVYEK	AGAP003164-PB,AGAP003164-PA	-	43	0.000899886	2	1491.773	2.43	Head	2R:-:33463271-33463233;2R:-:33463271-33463233	exon=> In CDS Exon 7 of transcript AGAP003164-PB;exon=> In CDS Exon 7 of transcript AGAP003164-PA
JHU_Ag_84902	EIAQTASTGKHDNELIGR	AGAP003164-PB,AGAP003164-PA	-	84	5.66E-08	1	1939.989	2.97	Malpighian tubule	2R:-:33464922-33464869;2R:-:33464922-33464869	exon=> In CDS Exon 4 of transcript AGAP003164-PB;exon=> In CDS Exon 4 of transcript AGAP003164-PA
JHU_Ag_87285	ILLLHELESSK	AGAP003164-PB,AGAP003164-PA	-	76	7.48E-08	1	1281.745	2.51	Head	2R:-:33464636-33464604;2R:-:33464636-33464604	exon=> In CDS Exon 5 of transcript AGAP003164-PB;exon=> In CDS Exon 5 of transcript AGAP003164-PA
JHU_Ag_93360	LQNLIK	AGAP003164-PB,AGAP003164-PA	N3(Deamidated)	30	0.004312785	2	729.450	-0.33	Pupa	2R:-:33464048-33464031;2R:-:33464048-33464031	exon=> In CDS Exon 5 of transcript AGAP003164-PB;exon=> In CDS Exon 5 of transcript AGAP003164-PA
JHU_Ag_98161	LQNLIK	AGAP003164-PB,AGAP003164-PA	N3(Deamidated)	44	0.000183129	2	729.450	-1.09	Midgut	2R:-:33464048-33464031;2R:-:33464048-33464031	exon=> In CDS Exon 5 of transcript AGAP003164-PB;exon=> In CDS Exon 5 of transcript AGAP003164-PA
JHU_Ag_103860	TLFPLYDEKFVITFTPEQR	AGAP003164-PB,AGAP003164-PA	-	40	0.000823866	1	2344.240	7.55	Malpighian tubule	2R:-:33462298-33462712,33461988-33462160;2R:-:33462298-33462712,33461988-33462160	exon=> In CDS Exon 9 and 8 of transcript AGAP003164-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP003164-PA
JHU_Ag_113952	EIAQTASTGKHDNELIGR	AGAP003164-PB,AGAP003164-PA	-	82	1.02E-07	1	1939.983	-0.14	Head	2R:-:33464922-33464869;2R:-:33464922-33464869	exon=> In CDS Exon 4 of transcript AGAP003164-PB;exon=> In CDS Exon 4 of transcript AGAP003164-PA
JHU_Ag_50	LAEEAGFPK	AGAP003165-PA	-	62	1.27E-05	2	961.499	0.35	Male reproductive organs	2R:-:33471105-33471079	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_1352	DGVQIGPLINQAQLK	AGAP003165-PA	-	56	8.02E-06	2	1593.901	3.27	Salivary gland	2R:-:33470709-33470665	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_1520	VAAISFTGSTEVGK	AGAP003165-PA	-	66	3.29E-06	2	1366.723	1.53	Salivary gland	2R:-:33471003-33470962	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_3152	FKTEAEALAIANGTR	AGAP003165-PA	-	124	4.93E-12	2	1591.846	1.07	Visceras	2R:-:33470487-33470443	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_6834	KVDQFVQDAK	AGAP003165-PA	Q7(Deamidated)	75	5.66E-07	1	1177.617	-4.01	Head	2R:-:33470664-33470635	exon=> In CDS Exon 2 of transcript AGAP003165-PA

JHU_Ag_7105	THAAEIGQLLCGSDK	AGAP003165-PA	C11(Carbamidomethyl)	110	1.34E-10	1	1599.776	-2.3	Head	2R:-:33471048-33471004	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_8207	NCGQTCISANR	AGAP003165-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	61	4.86E-06	2	1280.548	0.74	Head	2R:-:33470829-33470797	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_11001	NPVGVAGLITPWNFPHAMITR	AGAP003165-PA	M18(Oxidation)	105	2.41E-10	1	2291.216	1.77	Malpighian tubule	2R:-:33471255-33471193	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_12285	FKTEAEALAIANGTR	AGAP003165-PA	-	65	3.62E-06	2	1591.847	2.22	Malpighian tubule	2R:-:33470487-33470443	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_15188	THAAEIGQLLCGSDK	AGAP003165-PA	C11(Carbamidomethyl)	87	3.04E-08	2	1599.781	0.98	Midgut	2R:-:33471048-33471004	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_17789	LAEEAGFPK	AGAP003165-PA	-	38	0.00299101	1	961.499	-0.21	Head	2R:-:33471105-33471079	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_19348	IYGEIVPSPVANR	AGAP003165-PA	-	59	1.38E-05	1	1414.769	-0.07	Visceras	2R:-:33471312-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_23804	IGLELGGNAPFIVFK	AGAP003165-PA	-	123	2.60E-12	1	1574.895	0.64	Midgut	2R:-:33470925-33470881	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_24095	HGIDEYVYIK	AGAP003165-PA	-	45	0.000549238	1	1236.629	2.34	Malpighian tubule	2R:-:33470277-33470248	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_24110	NPVGVAGLITPWNFPHAMITR	AGAP003165-PA	M18(Oxidation)	68	1.50E-06	1	2307.212	2.42	Pupa	2R:-:33471255-33471193	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_25172	DNMLLYNEEVFGPVVSVVR	AGAP003165-PA	M3(Oxidation)	69	1.77E-06	2	2196.104	1.33	Head	2R:-:33470544-33470488	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_25309	NPVGVAGLITPWNFPHAMITR	AGAP003165-PA	M18(Oxidation)	113	3.92E-11	1	2291.210	-0.71	Midgut	2R:-:33471255-33471193	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_25601	GLAGYFFSNDLNQVFR	AGAP003165-PA	-	119	2.12E-11	1	1847.903	-2.54	Malpighian tubule	2R:-:33470439-33470392	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_28783	HGIDEYVYIK	AGAP003165-PA	-	72	9.22E-07	1	1236.626	-0.13	Head	2R:-:33470277-33470248	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_32393	GLAGYFFSNDLNQVFR	AGAP003165-PA	-	104	7.10E-10	1	1847.909	0.76	Visceras	2R:-:33470439-33470392	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_33125	DGVQIGPLINQAQLK	AGAP003165-PA	-	60	3.35E-06	2	1593.899	2.2	Pupa	2R:-:33470709-33470665	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_33209	LAEEAGFPK	AGAP003165-PA	-	45	0.000590779	2	961.499	0.47	Pupa	2R:-:33471105-33471079	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_34515	GVINVITSSR	AGAP003165-PA	-	72	6.35E-07	2	1045.600	0.29	Male reproductive organs	2R:-:33471078-33471049	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_35094	KVDQFVQDAK	AGAP003165-PA	-	65	4.47E-06	2	1177.621	-0.38	Pupa	2R:-:33470664-33470635	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_36354	GLAGYFFSNDLNQVFR	AGAP003165-PA	-	80	1.98E-07	2	1847.908	0.36	Salivary gland	2R:-:33470439-33470392	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_37278	GVINVITSSR	AGAP003165-PA	-	65	2.64E-06	2	1045.599	-1.11	Pupa	2R:-:33471078-33471049	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_37563	AAAAIAAGCTVVIKPAEDTPLTALALAR	AGAP003165-PA	C9(Carbamidomethyl)	45	7.96E-05	1	2735.522	3.54	Visceras	2R:-:33471189-33471106	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_39445	TLPELGPLYYEPTVVTDLR	AGAP003165-PA	-	68	1.20E-06	1	2176.162	3.78	Malpighian tubule	2R:-:33470601-33470545	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_41645	AAAAIAAGCTVVIKPAEDTPLTALALAR	AGAP003165-PA	C9(Carbamidomethyl)	55	7.43E-06	3	2735.527	5.14	Head	2R:-:33471189-33471106	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_41956	NPVGVAGLITPWNFPHAMITR	AGAP003165-PA	M18(Oxidation)	125	2.69E-12	1	2307.213	2.9	Head	2R:-:33471255-33471193	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_45048	SGATFDVQNPANGAVLGAVPDMAR	AGAP003165-PA	-	98	2.61E-09	2	2358.141	-4.2	Visceras	2R:-:33471720-33471649	exon=> In CDS Exon 1 of transcript AGAP003165-PA
JHU_Ag_46225	RGLAGYFFSNDLNQVFR	AGAP003165-PA	-	89	2.24E-08	1	2004.013	2.04	Malpighian tubule	2R:-:33470442-33470392	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_46618	KAAAAIAAGCTVVIKPAEDTPLTALALAR	AGAP003165-PA	C10(Carbamidomethyl)	42	7.58E-05	1	2863.611	1.37	Head	2R:-:33471192-33471106	exon=> In CDS Exon 2 of transcript AGAP003165-PA

JHU_Ag_46798	GLAGYFFSNDLNQVFR	AGAP003165-PA	-	117	3.90E-11	1	1847.901	-3.4	Ovary	2R:-:33470439-33470392	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_46861	RIYGEIVPSPVANR	AGAP003165-PA	-	55	2.47E-05	1	1570.873	1.77	Malpighian tubule	2R:-:33471315-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_48645	SGATFDVQNPANGAVLGAVPDMAR	AGAP003165-PA	M22(Oxidation)	101	1.28E-09	2	2358.154	1.39	Head	2R:-:33471720-33471649	exon=> In CDS Exon 1 of transcript AGAP003165-PA
JHU_Ag_49008	IYGEIVPSPVANR	AGAP003165-PA	-	43	0.000591815	2	1414.770	0.7	Pupa	2R:-:33471312-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_50089	RIYGEIVPSPVANR	AGAP003165-PA	-	40	0.00077885	1	1570.869	-0.48	Head	2R:-:33471315-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_50431	GVINVITSSR	AGAP003165-PA	-	44	0.000373873	2	1045.600	0.06	Visceras	2R:-:33471078-33471049	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_55693	NPVGVAGLITPWNFPHAMITR	AGAP003165-PA	M18(Oxidation)	130	7.79E-13	1	2291.219	2.96	Visceras	2R:-:33471255-33471193	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_56277	FKTEAEALAIANGTR	AGAP003165-PA	-	109	1.66E-10	2	1591.842	-1.08	Head	2R:-:33470487-33470443	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_59336	FLIQDEVHDEFVAK	AGAP003165-PA	-	72	1.20E-06	1	1689.849	0.3	Head	2R:-:33470796-33470755	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_59411	TLPELGPLYYEPTVVTDLR	AGAP003165-PA	-	105	2.31E-10	1	2176.166	5.69	Visceras	2R:-:33470601-33470545	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_62518	GVINVITSSR	AGAP003165-PA	-	67	1.85E-06	2	1045.600	0.06	Malpighian tubule	2R:-:33471078-33471049	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_64267	GVINVITSSR	AGAP003165-PA	-	41	0.000779334	2	1045.601	1.11	Salivary gland	2R:-:33471078-33471049	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_69231	DGVQIGPLINQAQLK	AGAP003165-PA	-	47	7.04E-05	2	1593.898	1.28	Visceras	2R:-:33470709-33470665	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_75945	VAAISFTGSTEVGK	AGAP003165-PA	-	48	0.000177979	2	1366.721	0.1	Head	2R:-:33471003-33470962	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_76075	RGLAGYFFSNDLNQVFR	AGAP003165-PA	-	47	0.000331892	3	2004.004	-2.35	Midgut	2R:-:33470442-33470392	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_77332	IYGEIVPSPVANR	AGAP003165-PA	-	62	7.86E-06	2	1414.767	-1.28	Head	2R:-:33471312-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_82326	VAAISFTGSTEVGK	AGAP003165-PA	-	69	1.50E-06	2	1366.720	-0.88	Midgut	2R:-:33471003-33470962	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_82837	DGVQIGPLINQAQLK	AGAP003165-PA	-	69	4.78E-07	2	1593.896	-0.25	Head	2R:-:33470709-33470665	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_83759	NPVGVAGLITPWNFPHAMITR	AGAP003165-PA	M18(Oxidation)	56	2.15E-05	1	2307.215	3.53	Salivary gland	2R:-:33471255-33471193	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_85601	FLIQDEVHDEFVAK	AGAP003165-PA	-	78	2.57E-07	1	1689.845	-1.89	Malpighian tubule	2R:-:33470796-33470755	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_85810	IYGEIVPSPVANR	AGAP003165-PA	-	52	6.86E-05	2	1414.770	0.7	Salivary gland	2R:-:33471312-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_88107	LAEEAGFPK	AGAP003165-PA	-	69	2.70E-06	1	961.500	0.86	Malpighian tubule	2R:-:33471105-33471079	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_88941	IGLELGGNAPFIVFK	AGAP003165-PA	-	111	4.37E-11	1	1574.897	2.04	Malpighian tubule	2R:-:33470925-33470881	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_89265	IGLELGGNAPFIVFK	AGAP003165-PA	-	39	0.000520238	1	1574.908	8.62	Salivary gland	2R:-:33470925-33470881	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_93898	GVINVITSSR	AGAP003165-PA	-	59	1.44E-05	2	1045.598	-2.27	Head	2R:-:33471078-33471049	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_94833	TLPELGPLYYEPTVVTDLR	AGAP003165-PA	-	74	2.79E-07	1	2176.172	8.27	Midgut	2R:-:33470601-33470545	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_95752	IGLELGGNAPFIVFK	AGAP003165-PA	-	79	6.64E-08	2	1574.895	0.41	Visceras	2R:-:33470925-33470881	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_96048	DGVQIGPLINQAQLK	AGAP003165-PA	-	94	1.29E-09	1	1593.895	-0.41	Midgut	2R:-:33470709-33470665	exon=> In CDS Exon 2 of transcript AGAP003165-PA

JHU_Ag_101547	RIYGEIVPSPVANR	AGAP003165-PA	-	36	0.002104542	1	1570.874	2.55	Male reproductive organs	2R:-:33471315-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_101712	RIYGEIVPSPVANR	AGAP003165-PA	-	65	2.57E-06	1	1570.870	0.06	Midgut	2R:-:33471315-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_101879	IYGEIVPSPVANR	AGAP003165-PA	-	66	2.98E-06	1	1414.771	1.57	Malpighian tubule	2R:-:33471312-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_101967	IGLELGGNAPFIVFK	AGAP003165-PA	-	105	1.51E-10	1	1574.899	3.2	Head	2R:-:33470925-33470881	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_102536	HGIDEYVYIK	AGAP003165-PA	-	48	0.000221497	2	1236.625	-0.53	Salivary gland	2R:-:33470277-33470248	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_104748	KVDQFVQDAK	AGAP003165-PA	-	40	0.001494213	2	1177.622	1.07	Malpighian tubule	2R:-:33470664-33470635	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_105517	FLIQDEVHDEFVAK	AGAP003165-PA	-	83	8.29E-08	1	1689.847	-0.67	Midgut	2R:-:33470796-33470755	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_109569	GVINVITSSR	AGAP003165-PA	-	63	5.02E-06	2	1045.599	-0.64	Midgut	2R:-:33471078-33471049	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_110470	IYGEIVPSPVANR	AGAP003165-PA	-	61	9.56E-06	2	1414.768	-0.51	Midgut	2R:-:33471312-33471274	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_112304	HGIDEYVYIK	AGAP003165-PA	-	83	6.57E-08	1	1236.627	0.86	Midgut	2R:-:33470277-33470248	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_115553	TLPELGPLYYEPTVVTDLR	AGAP003165-PA	-	92	5.05E-09	1	2176.162	3.89	Head	2R:-:33470601-33470545	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_116024	GLAGYFFSNDLNQVFR	AGAP003165-PA	-	123	8.57E-12	1	1847.914	3.4	Head	2R:-:33470439-33470392	exon=> In CDS Exon 2 of transcript AGAP003165-PA
JHU_Ag_11989	LLELERQER	AGAP003166-PA	Q7(Deamidated)	35	0.004188946	1	1186.643	0.67	Pupa	2R:-:33493954-33493928	exon=> In CDS Exon 8 of transcript AGAP003166-PA
JHU_Ag_385	AQYPIAEMVSLLK	AGAP003167-PA	-	69	1.11E-06	1	1462.798	0.29	Salivary gland	2R:-:33498428-33498390	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_1162	LPTQSSTLYANNISK	AGAP003167-PA	-	98	2.03E-09	1	1636.856	1.37	Salivary gland	2R:-:33500084-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_1588	DHFHINPEDEVVR	AGAP003167-PA	-	76	3.51E-07	1	1606.766	3.12	Malpighian tubule	2R:-:33500015-33499977	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_2604	VVHDVVHVGLTDFPSR	AGAP003167-PA	-	80	8.38E-08	1	1776.943	2.31	Salivary gland	2R:-:33500132-33500085	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_4268	NIIITPGYGLCVAK	AGAP003167-PA	C11(Carbamidomethyl)	51	5.92E-05	1	1518.840	3.03	Visceras	2R:-:33498470-33498429	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_4427	AEALPADPFKETLR	AGAP003167-PA	-	79	1.70E-07	1	1557.828	0.69	Ovary	2R:-:33499868-33499827	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_6116	AVIEAANHFPR	AGAP003167-PA	-	54	3.92E-05	2	1224.649	0.24	Salivary gland	2R:-:33500773-33500741	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_7337	AQVFDALSSMANISGYR	AGAP003167-PA	M10(Oxidation)	130	1.57E-12	2	1829.886	0.35	Ovary	2R:-:33500824-33500774	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_8927	NIIITPGYGLCVAK	AGAP003167-PA	C11(Carbamidomethyl)	58	1.37E-05	2	1518.837	1.1	Ovary	2R:-:33498470-33498429	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_9155	AQYPIAEMVSLLK	AGAP003167-PA	M8(Oxidation)	100	7.68E-10	1	1462.807	6.38	Malpighian tubule	2R:-:33498428-33498390	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_10641	FLLSMGEKDHFHINPEDEVVR	AGAP003167-PA	M5(Oxidation)	76	4.31E-07	1	2528.233	3.4	Malpighian tubule	2R:-:33500039-33499977	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_10926	LQGVLNSAPLLLPGR	AGAP003167-PA	-	62	4.83E-07	2	1547.928	0.98	Male reproductive organs	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_11471	GVPYQNLVIGVPKER	AGAP003167-PA	-	56	8.08E-06	1	1668.952	5	Malpighian tubule	2R:-:33502285-33502241	exon=> In CDS Exon 2 of transcript AGAP003167-PA
JHU_Ag_13642	NSKNIIITPGYGLCVAK	AGAP003167-PA	C14(Carbamidomethyl)	71	5.21E-07	1	1848.016	6.25	Malpighian tubule	2R:-:33498479-33498429	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_15369	FGIHPVAGR	AGAP003167-PA	-	51	5.58E-05	1	953.532	-0.01	Head	2R:-:33498368-33498342	exon=> In CDS Exon 6 of transcript AGAP003167-PA

JHU_Ag_16194	SLPNVILGGYGTTSTAGGKPAEIVGTHTEVNVDGVVEMIR	AGAP003167-PA	-	35	0.00128532	1	4039.098	4.36	Malpighian tubule	2R:-:33498599-33498480	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_16263	RVSVTPVVAGTLVK	AGAP003167-PA	-	51	8.35E-06	1	1425.879	-0.1	Head	2R:-:33502225-33502335,33501139-33501254	exon=> In CDS Exon 3 and 2 of transcript AGAP003167-PA
JHU_Ag_16404	VSVTPVVAGTLVK	AGAP003167-PA	-	64	6.97E-07	1	1269.780	1.56	Malpighian tubule	2R:-:33501292-33501254	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_19345	APLLITEEMVK	AGAP003167-PA	M9(Oxidation)	83	5.27E-08	1	1243.700	2.84	Malpighian tubule	2R:-:33500407-33500853,33498135-33500217	exon=> In CDS Exon 6 and 5 of transcript AGAP003167-PA
JHU_Ag_20267	AQYPIAEMVSLLK	AGAP003167-PA	-	55	2.89E-05	2	1462.795	-1.8	Midgut	2R:-:33498428-33498390	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_20724	AQVFDALSSMANISGYR	AGAP003167-PA	-	70	1.51E-06	1	1829.895	5.49	Visceras	2R:-:33500824-33500774	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_21242	VSVTPVVAGTLVK	AGAP003167-PA	-	54	8.57E-06	2	1269.780	1.46	Salivary gland	2R:-:33501292-33501254	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_21452	LPTQSSTLYANNISK	AGAP003167-PA	-	95	3.44E-09	2	1636.855	0.7	Ovary	2R:-:33500084-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_21475	SMKPGSVIVDLAAETGGNVQTTVPGEIK	AGAP003167-PA	M2(Oxidation)	37	0.00139353	1	2814.465	3.2	Ovary	2R:-:33500216-33500133	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_21883	AVIEAANHFPR	AGAP003167-PA	-	76	2.32E-07	1	1224.648	-0.36	Ovary	2R:-:33500773-33500741	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_24466	LQGVLNSAPLLLPGR	AGAP003167-PA	-	75	2.80E-08	2	1547.932	3.27	Larva	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_25142	DHFHINPEDEVVR	AGAP003167-PA	-	57	3.16E-05	1	1606.762	0.9	Salivary gland	2R:-:33500015-33499977	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_25476	KAFETDIVLK	AGAP003167-PA	-	48	9.26E-05	2	1163.667	-0.48	Male reproductive organs	2R:-:33501154-33501293,33500923-33501050	exon=> In CDS Exon 4 and 3 of transcript AGAP003167-PA
JHU_Ag_25954	SLGVGYAAVDNPIFYKPNTSMLLGDAK	AGAP003167-PA	M21(Oxidation)	140	1.41E-13	1	2857.434	-3.67	Midgut	2R:-:33498042-33497962	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_26632	AQVFDALSSMANISGYR	AGAP003167-PA	M10(Oxidation)	57	3.24E-05	2	1845.880	-0.27	Head	2R:-:33500824-33500774	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_26782	ILVIGGGVAGLAAIGQARGMGAIVR	AGAP003167-PA	M20(Oxidation)	31	0.00099027	1	2336.371	4.94	Malpighian tubule	2R:-:33500692-33500618	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_27755	AVIEAANHFPR	AGAP003167-PA	-	46	0.00027979	2	1224.648	-0.16	Male reproductive organs	2R:-:33500773-33500741	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_28086	INAFAMDAIPR	AGAP003167-PA	M6(Oxidation)	47	0.00032374	2	1234.625	-0.02	Ovary	2R:-:33500935-33501063,33500400-33500834	exon=> In CDS Exon 5 and 4 of transcript AGAP003167-PA
JHU_Ag_28564	VQVESGAGLNAK	AGAP003167-PA	-	49	0.00018846	2	1172.629	1.53	Malpighian tubule	2R:-:33501241-33501206	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_29463	NIIITPGYGLCVAK	AGAP003167-PA	C11(Carbamidomethyl)	79	1.16E-07	1	1518.838	1.74	Salivary gland	2R:-:33498470-33498429	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_30030	DASTLISFLYPAQNK	AGAP003167-PA	-	68	2.10E-06	2	1667.871	3.93	Head	2R:-:33501010-33500966	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_30669	KAFETDIVLK	AGAP003167-PA	-	53	2.24E-05	2	1163.672	4.24	Malpighian tubule	2R:-:33501154-33501293,33500923-33501050	exon=> In CDS Exon 4 and 3 of transcript AGAP003167-PA
JHU_Ag_31694	ILVIGGGVAGLAAIGQAR	AGAP003167-PA	-	128	8.14E-14	1	1636.000	5.95	Malpighian tubule	2R:-:33500692-33500639	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_32773	LQGVLNSAPLLLPGR	AGAP003167-PA	-	66	1.85E-07	2	1547.930	2.32	Visceras	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_34894	DHFHINPEDEVVR	AGAP003167-PA	-	71	1.19E-06	1	1606.763	1.29	Head	2R:-:33500015-33499977	exon=> In CDS Exon 6 of transcript AGAP003167-PA

JHU_Ag_36667	DASTLISFLYPAQNK	AGAP003167-PA	-	65	3.86E-06	2	1667.867	1.96	Visceras	2R:-:33501010-33500966	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_39248	EFIEAEMALFAK	AGAP003167-PA	M7(Oxidation)	72	8.13E-07	2	1414.693	0.13	Ovary	2R:-:33500497-33500462	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_39276	RVSVTPVVAGTLVK	AGAP003167-PA	-	26	0.001828479	1	1425.885	4.27	Midgut	2R:-:33502225-33502335,33501139-33501254	exon=> In CDS Exon 3 and 2 of transcript AGAP003167-PA
JHU_Ag_40597	KTCDALLGK	AGAP003167-PA	C3(Carbamidomethyl)	50	0.000155522	2	1005.542	2.23	Malpighian tubule	2R:-:33497961-33497935	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_43675	DHFHINPEDEVVR	AGAP003167-PA	-	66	3.97E-06	1	1606.763	1.52	Midgut	2R:-:33500015-33499977	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_45042	SLGVGYAAVDNPIFYKPNTSMLLGDAK	AGAP003167-PA	-	122	8.03E-12	1	2841.453	1.24	Pupa	2R:-:33498042-33497962	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_45226	DHFHINPEDEVVR	AGAP003167-PA	-	81	1.15E-07	1	1606.768	4.1	Ovary	2R:-:33500015-33499977	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_45620	VRQPIEPEIPQLR	AGAP003167-PA	-	44	0.000172101	2	1574.905	2.58	Head	2R:-:33501049-33501011	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_48134	AEALPADPFKETLR	AGAP003167-PA	-	55	4.79E-05	1	1557.827	0.14	Midgut	2R:-:33499868-33499827	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_48326	INAFAMDAIPR	AGAP003167-PA	M6(Oxidation)	87	3.65E-08	1	1218.636	5.13	Malpighian tubule	2R:-:33500935-33501063,33500400-33500834	exon=> In CDS Exon 5 and 4 of transcript AGAP003167-PA
JHU_Ag_49200	SLGVGYAAVDNPIFYKPNTSMLLGDAK	AGAP003167-PA	M21(Oxidation)	58	1.50E-05	1	2857.450	1.97	Head	2R:-:33498042-33497962	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_51420	LPTQSSTLYANNISK	AGAP003167-PA	-	62	8.07E-06	1	1636.856	0.93	Male reproductive organs	2R:-:33500084-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_52581	GVPYQNLVIGVPK	AGAP003167-PA	-	89	5.63E-09	1	1383.805	4.12	Malpighian tubule	2R:-:33502285-33502247	exon=> In CDS Exon 2 of transcript AGAP003167-PA
JHU_Ag_53257	AVIEAANHFPR	AGAP003167-PA	-	58	1.77E-05	1	1224.648	-0.16	Visceras	2R:-:33500773-33500741	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_55777	KINAFAMDAIPR	AGAP003167-PA	M7(Oxidation)	100	1.48E-09	2	1346.730	3.91	Malpighian tubule	2R:-:33500938-33501063,33500400-33500834	exon=> In CDS Exon 5 and 4 of transcript AGAP003167-PA
JHU_Ag_56401	VRQPIEPEIPQLR	AGAP003167-PA	-	59	5.31E-06	1	1574.904	1.96	Malpighian tubule	2R:-:33501049-33501011	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_57278	LPTQSSTLYANNISK	AGAP003167-PA	-	84	4.56E-08	1	1636.855	0.7	Visceras	2R:-:33500084-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_57647	DASTLISFLYPAQNK	AGAP003167-PA	-	60	1.12E-05	2	1667.867	2.03	Salivary gland	2R:-:33501010-33500966	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_58721	LQGVLNSAPLLLPGR	AGAP003167-PA	-	84	3.14E-09	1	1547.930	2.32	Malpighian tubule	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_59218	NIIITPGYGLCVAK	AGAP003167-PA	C11(Carbamidomethyl)	47	0.000147396	2	1518.839	2.79	Head	2R:-:33498470-33498429	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_60107	DASTLISFLYPAQNK	AGAP003167-PA	-	41	0.001056854	2	1667.866	0.93	Male reproductive organs	2R:-:33501010-33500966	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_60173	LPTQSSTLYANNISK	AGAP003167-PA	-	92	8.09E-09	1	1636.854	-0.19	Midgut	2R:-:33500084-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_61373	ILVIGGGVAGLAAIGQAR	AGAP003167-PA	-	94	2.01E-10	1	1635.995	2.96	Head	2R:-:33500692-33500639	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_62340	AVIEAANHFPR	AGAP003167-PA	-	80	1.13E-07	1	1224.650	1.43	Malpighian tubule	2R:-:33500773-33500741	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_62956	AQYPIAEMVSLLK	AGAP003167-PA	-	84	3.00E-08	1	1462.803	3.62	Ovary	2R:-:33498428-33498390	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_64059	AEALPADPFKETLR	AGAP003167-PA	-	52	8.08E-05	1	1557.828	0.38	Pupa	2R:-:33499868-33499827	exon=> In CDS Exon 6 of transcript AGAP003167-PA

JHU_Ag_64842	AQVFDALSSMANISGYRAVIEAANHFPR	AGAP003167-PA	M10(Oxidation)	120	1.05E-11	1	3051.525	4.56	Malpighian tubule	2R:-:33500824-33500741	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_65013	GVPYQNLVIGVPK	AGAP003167-PA	-	55	1.49E-05	2	1383.801	0.77	Ovary	2R:-:33502285-33502247	exon=> In CDS Exon 2 of transcript AGAP003167-PA
JHU_Ag_66283	AEALPADPFKETLR	AGAP003167-PA	-	37	0.002441123	1	1557.830	2.01	Salivary gland	2R:-:33499868-33499827	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_66616	VSVTPVVAGTLVKK	AGAP003167-PA	-	38	7.82E-05	1	1397.875	1.97	Malpighian tubule	2R:-:33501292-33501251	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_66846	RVSVTPVVAGTLVK	AGAP003167-PA	-	62	4.70E-07	2	1425.886	5.29	Malpighian tubule	2R:-:33502225-33502335,335011 39-33501254	exon=> In CDS Exon 3 and 2 of transcript AGAP003167-PA
JHU_Ag_66866	VSVTPVVAGTLVK	AGAP003167-PA	-	76	5.71E-08	1	1269.778	-0.17	Visceras	2R:-:33501292-33501254	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_67989	MLDMFK	AGAP003167-PA	M1(Oxidation), M4(Oxidation)	34	0.001746016	2	816.359	-4.71	Head	2R:-:33499508-33499491	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_68461	AQVFDALSSMANISGYR	AGAP003167-PA	M10(Oxidation)	144	8.36E-14	2	1845.889	4.89	Malpighian tubule	2R:-:33500824-33500774	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_69149	SLGVGYAAVDNPIFYKPNTSMLLGDAK	AGAP003167-PA	M21(Oxidation)	134	4.25E-13	1	2857.443	-0.34	Ovary	2R:-:33498042-33497962	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_71043	NIIITPGYGLCVAK	AGAP003167-PA	C11(Carbamidomethyl)	54	3.42E-05	2	1518.842	4.72	Malpighian tubule	2R:-:33498470-33498429	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_71285	ADQVVVMKR	AGAP003167-PA	M7(Oxidation)	53	6.26E-05	1	1061.579	1.67	Malpighian tubule	2R:-:33498143-33500241,334979 17-33498043	exon=> In CDS Exon 7 and 6 of transcript AGAP003167-PA
JHU_Ag_73380	VVHDVVHVGLTDFPSR	AGAP003167-PA	-	102	5.29E-10	1	1776.944	2.62	Ovary	2R:-:33500132-33500085	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_73646	VRQPIEPEIPQLR	AGAP003167-PA	-	60	4.38E-06	1	1574.902	0.1	Ovary	2R:-:33501049-33501011	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_74263	VVHDVVHVGLTDFPSR	AGAP003167-PA	-	97	1.87E-09	1	1776.943	1.94	Head	2R:-:33500132-33500085	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_76265	FFTGQITAAGK	AGAP003167-PA	-	68	1.72E-06	2	1140.605	0.27	Male reproductive organs	2R:-:33500740-33500708	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_77079	AVIEAANHFPRFFTGQITAAGK	AGAP003167-PA	-	101	8.06E-10	1	2346.247	4.76	Malpighian tubule	2R:-:33500773-33500708	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_77712	VPPAKILVIGGGVAGLAAIGQAR	AGAP003167-PA	-	56	6.70E-07	1	2128.305	3.93	Malpighian tubule	2R:-:33500707-33500639	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_78105	AQVFDALSSMANISGYR	AGAP003167-PA	-	95	5.56E-09	1	1829.892	3.56	Salivary gland	2R:-:33500824-33500774	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_78735	APLLITEEMVK	AGAP003167-PA	M9(Oxidation)	74	4.52E-07	1	1243.698	0.97	Ovary	2R:-:33500407-33500853,334981 35-33500217	exon=> In CDS Exon 6 and 5 of transcript AGAP003167-PA
JHU_Ag_78864	LQGVLNSAPLLLPGR	AGAP003167-PA	-	93	3.83E-10	1	1547.926	-0.83	Midgut	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_79082	SLGVGYAAVDNPIFYKPNTSMLLGDAK	AGAP003167-PA	M21(Oxidation)	121	9.21E-12	1	2857.449	1.52	Visceras	2R:-:33498042-33497962	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_84917	KAPLLITEEMVK	AGAP003167-PA	M10(Oxidation)	70	6.23E-07	1	1387.791	3.22	Malpighian tubule	2R:-:33500410-33500853,334981 35-33500217	exon=> In CDS Exon 6 and 5 of transcript AGAP003167-PA
JHU_Ag_85543	ILVIGGGVAGLAAIGQAR	AGAP003167-PA	-	88	7.41E-10	1	1635.988	-1.59	Ovary	2R:-:33500692-33500639	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_85939	VSVTPVVAGTLVK	AGAP003167-PA	-	33	0.001047212	2	1269.780	1.94	Head	2R:-:33501292-33501254	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_87977	SLGVGYAAVDNPIFYKPNTSMLLGDAKK	AGAP003167-PA	M21(Oxidation)	126	2.22E-12	1	2985.551	3.95	Malpighian tubule	2R:-:33498042-33497959	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_88984	LQGVLNSAPLLLPGR	AGAP003167-PA	-	78	1.27E-08	1	1547.930	1.77	Salivary gland	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA

JHU_Ag_89138	LPTQSSTLYANNISK	AGAP003167-PA	-	105	4.29E-10	1	1636.857	2.05	Malpighian tubule	2R:-:33500084-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_89559	DASTLISFLYPAQNK	AGAP003167-PA	-	45	0.000422757	1	1667.871	4.45	Ovary	2R:-:33501010-33500966	exon=> In CDS Exon 4 of transcript AGAP003167-PA
JHU_Ag_92551	APLLITEEMVK	AGAP003167-PA	-	51	7.79E-05	1	1243.699	2.15	Head	2R:-:33500407-33500853,33498135-33500217	exon=> In CDS Exon 6 and 5 of transcript AGAP003167-PA
JHU_Ag_95011	AQVFDALSSMANISGYR	AGAP003167-PA	M10(Oxidation)	78	2.81E-07	2	1845.882	1.25	Male reproductive organs	2R:-:33500824-33500774	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_95946	AQYPIAEMVSLLK	AGAP003167-PA	-	48	0.00014636	2	1462.799	1.2	Viscera	2R:-:33498428-33498390	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_96174	AEALPADPFKETLR	AGAP003167-PA	-	34	0.005073075	1	1557.832	3.35	Larva	2R:-:33499868-33499827	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_97302	ILVIGGGVAGLAAIGQAR	AGAP003167-PA	-	75	1.78E-08	2	1635.993	1.55	Male reproductive organs	2R:-:33500692-33500639	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_97924	LQGVLNSAPLLLPGR	AGAP003167-PA	-	76	2.03E-08	2	1547.927	0.27	Ovary	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_97925	GVPYQNLVIGVPK	AGAP003167-PA	-	46	0.000114483	2	1383.803	2.71	Salivary gland	2R:-:33502285-33502247	exon=> In CDS Exon 2 of transcript AGAP003167-PA
JHU_Ag_98795	SLGVGYAAVDNPIFYKPNTSMLLGDAK	AGAP003167-PA	M21(Oxidation)	135	3.19E-13	1	2857.458	4.72	Malpighian tubule	2R:-:33498042-33497962	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_99570	ILVIGGGVAGLAAIGQAR	AGAP003167-PA	-	62	3.28E-07	2	1636.000	5.65	Salivary gland	2R:-:33500692-33500639	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_100915	AEALPADPFKETLR	AGAP003167-PA	-	49	0.000161787	1	1557.829	1.16	Head	2R:-:33499868-33499827	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_103186	APLLITEEMVK	AGAP003167-PA	M9(Oxidation)	70	1.18E-06	1	1243.696	-0.3	Salivary gland	2R:-:33500407-33500853,33498135-33500217	exon=> In CDS Exon 6 and 5 of transcript AGAP003167-PA
JHU_Ag_103591	VVHDVVHVGLTDFPSRLPTQSSTLYANNISK	AGAP003167-PA	-	51	4.11E-05	1	3394.785	2.81	Malpighian tubule	2R:-:33500132-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_104834	FFTGQITAAGK	AGAP003167-PA	-	68	1.60E-06	2	1140.606	0.7	Malpighian tubule	2R:-:33500740-33500708	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_104925	LQGVLNSAPLLLPGR	AGAP003167-PA	-	64	3.41E-07	2	1547.930	2.24	Head	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_105966	VSVTPVVAGTLVK	AGAP003167-PA	-	63	1.07E-06	2	1269.778	0.31	Ovary	2R:-:33501292-33501254	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_106761	SLGVGYAAVDNPIFYKPNTSMLLGDAK	AGAP003167-PA	M21(Oxidation)	53	6.20E-05	1	2857.436	-2.78	Male reproductive organs	2R:-:33498042-33497962	exon=> In CDS Exon 7 of transcript AGAP003167-PA
JHU_Ag_106984	RVSVTPVVAGTLVK	AGAP003167-PA	-	46	2.17E-05	2	1425.881	1.44	Ovary	2R:-:33502225-33502335,33501139-33501254	exon=> In CDS Exon 3 and 2 of transcript AGAP003167-PA
JHU_Ag_107556	DADYEAAGASIVDGR	AGAP003167-PA	-	82	7.79E-08	2	1509.685	2.28	Male reproductive organs	2R:-:33501199-33501155	exon=> In CDS Exon 3 of transcript AGAP003167-PA
JHU_Ag_108332	AEALPADPFKETLR	AGAP003167-PA	-	44	0.000427778	1	1557.835	5.23	Malpighian tubule	2R:-:33499868-33499827	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_111039	LPTQSSTLYANNISK	AGAP003167-PA	-	100	1.30E-09	1	1636.858	2.27	Head	2R:-:33500084-33500040	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_112161	FFTGQITAAGK	AGAP003167-PA	-	40	0.00116527	2	1140.605	0.48	Ovary	2R:-:33500740-33500708	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_113242	AFDTRPVVK	AGAP003167-PA	-	36	0.002940307	1	1032.583	-0.28	Male reproductive organs	2R:-:33500617-33500591	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_113545	FGIHPVAGR	AGAP003167-PA	-	40	0.000729583	1	953.533	1.21	Malpighian tubule	2R:-:33498368-33498342	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_113932	FFTGQITAAGK	AGAP003167-PA	-	70	9.99E-07	2	1140.605	0.38	Salivary gland	2R:-:33500740-33500708	exon=> In CDS Exon 5 of transcript AGAP003167-PA

JHU_Ag_114384	NIIITPGYGLCVAK	AGAP003167-PA	C11(Carbamidomethyl)	37	0.002013724	1	1518.836	0.46	Midgut	2R:-:33498470-33498429	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_115309	LQGVLNSAPLLLPGR	AGAP003167-PA	-	93	3.41E-10	1	1547.929	1.06	Pupa	2R:-:33498959-33498915	exon=> In CDS Exon 6 of transcript AGAP003167-PA
JHU_Ag_116048	AFDTRPVVK	AGAP003167-PA	-	40	0.000925595	1	1032.579	-4.65	Head	2R:-:33500617-33500591	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_116508	AFDTRPVVK	AGAP003167-PA	-	35	0.002502758	1	1032.586	2.56	Malpighian tubule	2R:-:33500617-33500591	exon=> In CDS Exon 5 of transcript AGAP003167-PA
JHU_Ag_26	AQDYVVR	AGAP003168-PA	-	37	0.002842441	2	850.441	-0.52	Ovary	2R:+:33510981-33511001	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_1464	NILGGTVFREPIICNNIPR	AGAP003168-PA	C14(Carbamidomethyl)	107	1.25E-10	1	2183.182	2.84	Salivary gland	2R:+:33510861-33510917	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_1485	DLALCIHGSR	AGAP003168-PA	C5(Carbamidomethyl)	47	0.000237635	1	1141.579	0.53	Head	2R:+:33511846-33511875	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_5471	VEALYYDLGLPYR	AGAP003168-PA	-	86	3.37E-08	1	1571.813	1.79	Visceras	2R:+:33510669-33510707	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_5672	MVYTGEDGTVEEIQLYK	AGAP003168-PA	M1(Oxidation)	127	3.98E-12	1	1974.938	0.93	Salivary gland	2R:+:33511020-33511070	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_6229	AKLDNTPELAR	AGAP003168-PA	-	63	4.45E-06	1	1227.671	1.09	Salivary gland	2R:+:33511753-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_6822	FKDIFQEIYEK	AGAP003168-PA	-	64	6.12E-06	1	1459.745	-1.38	Male reproductive organs	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_6917	HNVGIK	AGAP003168-PA	-	34	0.001593283	1	667.389	1.19	Head	2R:+:33510759-33510776	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_6994	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	94	5.10E-09	1	1874.989	0.83	Male reproductive organs	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_7457	FKDIFQEIYEK	AGAP003168-PA	-	89	1.85E-08	1	1459.752	3.39	Salivary gland	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_8198	IIWQFIK	AGAP003168-PA	-	38	0.000465974	1	947.572	1.09	Salivary gland	2R:+:33510516-33510536	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_11365	IIWQFIK	AGAP003168-PA	-	49	3.99E-05	1	947.570	-1.04	Head	2R:+:33510516-33510536	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_11439	ACVDTVESGK	AGAP003168-PA	C2(Carbamidomethyl)	67	2.35E-06	1	1065.487	-0.64	Visceras	2R:+:33511807-33511836	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_12548	LDNTPELAR	AGAP003168-PA	-	39	0.000945425	2	1028.539	1.67	Salivary gland	2R:+:33511759-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_13831	MWLSPNGTIR	AGAP003168-PA	-	40	0.001706336	1	1174.603	-0.72	Head	2R:+:33510831-33510860	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_14067	LDNTPELAR	AGAP003168-PA	-	50	9.32E-05	2	1028.538	0.84	Malpighian tubule	2R:+:33511759-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_14507	MVYTGEDGTVEEIQLYK	AGAP003168-PA	M1(Oxidation)	145	5.20E-14	1	1990.925	-3.45	Head	2R:+:33511020-33511070	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_14613	IIWQFIK	AGAP003168-PA	-	45	7.68E-05	2	947.574	2.64	Ovary	2R:+:33510516-33510536	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_14751	AQDYVVR	AGAP003168-PA	-	47	0.000326356	1	850.441	-0.37	Malpighian tubule	2R:+:33510981-33511001	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_15437	NILGGTVFREPIICNNIPR	AGAP003168-PA	C14(Carbamidomethyl)	99	9.76E-10	1	2183.176	0.41	Ovary	2R:+:33510861-33510917	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_15737	DQTNDQVTIDAAHAMLK	AGAP003168-PA	M15(Oxidation)	117	3.06E-11	1	1886.893	0.74	Salivary gland	2R:+:33510708-33510758	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_16079	AKLDNTPELAR	AGAP003168-PA	-	63	4.32E-06	1	1227.669	-0.4	Pupa	2R:+:33511753-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_16688	IVPGWTKPIVIGR	AGAP003168-PA	-	75	2.07E-08	1	1435.881	1.96	Pupa	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA

JHU_Ag_17066	QFEEAKIWYEHR	AGAP003168-PA	-	54	7.92E-05	1	1635.792	0.41	Malpighian tubule	2R:+:33511355-33511390	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_17656	LIDDMVAQALK	AGAP003168-PA	-	66	4.04E-06	2	1216.658	-1.78	Pupa	2R:+:33511391-33511423	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_18632	DLALCIHGSR	AGAP003168-PA	C5(Carbamidomethyl)	52	7.77E-05	1	1141.582	3.52	Ovary	2R:+:33511846-33511875	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_20256	FKDIFQEIYEK	AGAP003168-PA	-	52	0.000115682	2	1459.748	0.63	Ovary	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_20676	SSGEFVWACK	AGAP003168-PA	C9(Carbamidomethyl)	61	6.13E-06	1	1170.523	-1.5	Male reproductive organs	2R:+:33511424-33511453	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_21516	IIWQFIK	AGAP003168-PA	-	47	6.17E-05	2	947.573	1.93	Pupa	2R:+:33510516-33510536	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_22191	MVYTGEDGTVEEIQLYK	AGAP003168-PA	M1(Oxidation)	117	3.20E-11	2	1990.935	1.64	Ovary	2R:+:33511020-33511070	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_26294	DKLIFPYVK	AGAP003168-PA	-	29	0.00533901	2	1122.653	-2.49	Head	2R:+:33510537-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_30152	FKDIFQEIYEK	AGAP003168-PA	-	81	1.15E-07	1	1459.754	4.64	Pupa	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_30678	LIDDMVAQALK	AGAP003168-PA	M5(Oxidation)	67	3.48E-06	2	1232.655	-0.7	Male reproductive organs	2R:+:33511391-33511423	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_30782	VEALYYDLGLPYRDQTNDQVTIDAAHAMLK	AGAP003168-PA	-	75	3.40E-07	1	3423.697	2.44	Visceras	2R:+:33510669-33510758	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_37577	HAHGDQYKAQDYVVR	AGAP003168-PA	-	105	4.47E-10	1	1786.862	0.13	Malpighian tubule	2R:+:33510957-33511001	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_40076	VEALYYDLGLPYR	AGAP003168-PA	-	58	2.04E-05	1	1571.810	-0.54	Ovary	2R:+:33510669-33510707	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_40428	IWYEHR	AGAP003168-PA	-	33	0.007749286	1	903.448	1.36	Ovary	2R:+:33511373-33511390	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_41854	MVYTGEDGTVEEIQLYK	AGAP003168-PA	M1(Oxidation)	112	9.13E-11	2	1990.934	1.09	Pupa	2R:+:33511020-33511070	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_44778	RWPLYLSTK	AGAP003168-PA	-	61	6.63E-06	1	1163.658	0.6	Head	2R:+:33511164-33511190	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_44881	IIWQFIK	AGAP003168-PA	-	49	4.11E-05	2	947.571	-0.52	Male reproductive organs	2R:+:33510516-33510536	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_45938	AQDYVVR	AGAP003168-PA	-	43	0.000670579	1	850.446	5.44	Salivary gland	2R:+:33510981-33511001	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_46509	IVPGWTKPIVIGR	AGAP003168-PA	-	62	3.66E-07	1	1435.877	-1.1	Midgut	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_46870	DLALCIHGSR	AGAP003168-PA	C5(Carbamidomethyl)	62	6.98E-06	1	1141.577	-1.08	Salivary gland	2R:+:33511846-33511875	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_46935	IQAVKPIVEMDGDEMTR	AGAP003168-PA	M10(Oxidation), M15(Oxidation)	51	0.000130287	1	1963.945	-0.69	Visceras	2R:+:33510465-33510515	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_47160	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	67	2.58E-06	1	1874.990	1.52	Midgut	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_48110	IVPGWTKPIVIGR	AGAP003168-PA	-	63	4.07E-07	1	1435.879	0.34	Male reproductive organs	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_48421	MWLSPNGTIR	AGAP003168-PA	-	36	0.005394108	1	1174.607	3.12	Ovary	2R:+:33510831-33510860	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_49000	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	106	2.76E-10	1	1874.996	4.49	Malpighian tubule	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_49027	ACVDTVESGK	AGAP003168-PA	C2(Carbamidomethyl)	67	2.37E-06	1	1065.487	-0.75	Malpighian tubule	2R:+:33511807-33511836	exon=> In CDS Exon 5 of transcript AGAP003168-PA

JHU_Ag_50264	FKDIFQEIYEK	AGAP003168-PA	-	42	0.000966675	2	1459.750	2.13	Visceras	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_50554	SSGEFVWACK	AGAP003168-PA	C9(Carbamidomethyl)	68	1.36E-06	1	1170.526	1	Salivary gland	2R:+:33511424-33511453	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_50949	LIDDMVAQALK	AGAP003168-PA	M5(Oxidation)	86	3.47E-08	2	1216.662	1.43	Head	2R:+:33511391-33511423	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_51784	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	103	6.30E-10	1	1874.988	0.44	Head	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_52902	RWPLYLSTK	AGAP003168-PA	-	43	0.000255272	1	1163.660	2.27	Ovary	2R:+:33511164-33511190	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_53733	IQAVKPIVEMDGDEMTR	AGAP003168-PA	M10(Oxidation), M15(Oxidation)	102	1.06E-09	1	1963.945	-0.51	Ovary	2R:+:33510465-33510515	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_56032	CATITPDEQRVEEFK	AGAP003168-PA	C1(Carbamidomethyl)	49	0.000172365	2	1822.863	-0.81	Malpighian tubule	2R:+:33510777-33510821	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_56593	VEALYYDLGLPYR	AGAP003168-PA	-	99	1.53E-09	1	1571.817	4.05	Salivary gland	2R:+:33510669-33510707	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_56661	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	94	5.13E-09	1	1874.991	2.2	Visceras	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_58148	IIWQFIK	AGAP003168-PA	-	36	0.00070528	1	947.573	1.73	Malpighian tubule	2R:+:33510516-33510536	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_58185	MVYTGEDGTVEEIQLYK	AGAP003168-PA	M1(Oxidation)	122	1.01E-11	1	1990.928	-1.86	Malpighian tubule	2R:+:33511020-33511070	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_58311	LIFPYVK	AGAP003168-PA	-	26	0.00387339	1	879.533	-0.79	Head	2R:+:33510543-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_58345	DKLIFPYVK	AGAP003168-PA	-	40	0.000299441	1	1122.659	2.83	Ovary	2R:+:33510537-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_58577	DIFQEIYEK	AGAP003168-PA	-	36	0.002853314	2	1184.585	1.34	Visceras	2R:+:33511227-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_58657	IVPGWTKPIVIGR	AGAP003168-PA	-	65	1.89E-07	1	1435.885	4.42	Salivary gland	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_58781	DKLIFPYVK	AGAP003168-PA	-	52	1.94E-05	1	1122.658	1.86	Salivary gland	2R:+:33510537-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_60908	NILGGTVFREPIICNNIPR	AGAP003168-PA	C14(Carbamidomethyl)	86	1.92E-08	1	2183.176	0.07	Male reproductive organs	2R:+:33510861-33510917	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_61468	IVPGWTKPIVIGR	AGAP003168-PA	-	75	2.06E-08	1	1435.881	2.04	Malpighian tubule	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_64214	VEALYYDLGLPYR	AGAP003168-PA	-	84	5.11E-08	1	1571.815	2.57	Head	2R:+:33510669-33510707	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_65064	DKLIFPYVK	AGAP003168-PA	-	37	0.000656692	2	1122.656	0.01	Visceras	2R:+:33510537-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_65252	MWLSPNGTIR	AGAP003168-PA	M1(Oxidation)	40	0.00181887	2	1174.606	1.56	Malpighian tubule	2R:+:33510831-33510860	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_66389	FKDIFQEIYEK	AGAP003168-PA	-	78	2.79E-07	1	1459.747	0.04	Head	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_66394	NILGGTVFREPIICNNIPR	AGAP003168-PA	C14(Carbamidomethyl)	108	1.01E-10	1	2183.185	4.35	Malpighian tubule	2R:+:33510861-33510917	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_68862	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	94	4.85E-09	1	1874.993	3.31	Salivary gland	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_70151	HNVGIK	AGAP003168-PA	-	38	0.000870667	1	667.390	2.19	Malpighian tubule	2R:+:33510759-33510776	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_71795	IIWQFIKDK	AGAP003168-PA	-	29	0.005720954	1	1190.696	1.93	Ovary	2R:+:33510516-33510542	exon=> In CDS Exon 2 of transcript AGAP003168-PA

JHU_Ag_72305	IQAVKPIVEMDGDEMTR	AGAP003168-PA	M10(Oxidation), M15(Oxidation),M10(Oxidation),M15(Oxidation)	97	3.84E-09	1	1947.954	1.24	Head	2R:+:33510465-33510515	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_72593	NILGGTVFREPIICNNIPR	AGAP003168-PA	C14(Carbamidomethyl)	101	4.89E-10	1	2183.180	2.08	Visceras	2R:+:33510861-33510917	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_76116	VEALYYDLGLPYRDQTNDQVTIDAAHAMLK	AGAP003168-PA	-	70	8.98E-07	1	3423.704	4.22	Malpighian tubule	2R:+:33510669-33510758	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_76396	VEALYYDLGLPYR	AGAP003168-PA	-	67	2.86E-06	1	1571.816	3.58	Malpighian tubule	2R:+:33510669-33510707	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_76760	SSGEFVWACK	AGAP003168-PA	C9(Carbamidomethyl)	64	3.00E-06	1	1170.527	1.73	Malpighian tubule	2R:+:33511424-33511453	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_77151	DQTNDQVTIDAAHAMLK	AGAP003168-PA	M15(Oxidation)	107	2.87E-10	2	1870.898	0.64	Head	2R:+:33510708-33510758	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_77617	IQAVKPIVEMDGDEMTR	AGAP003168-PA	M10(Oxidation), M15(Oxidation)	112	1.01E-10	1	1963.947	0.33	Malpighian tubule	2R:+:33510465-33510515	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_77665	VEALYYDLGLPYRDQTNDQVTIDAAHAMLK	AGAP003168-PA	M28(Oxidation)	94	3.94E-09	1	3439.697	3.68	Ovary	2R:+:33510669-33510758	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_77730	IVPGWTKPIVIGR	AGAP003168-PA	-	65	2.75E-07	1	1435.878	-0.34	Head	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_79284	MVYTGEDGTVEEIQLYK	AGAP003168-PA	-	110	1.81E-10	1	1974.936	-0.24	Visceras	2R:+:33511020-33511070	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_79680	DLALCIHGSR	AGAP003168-PA	C5(Carbamidomethyl)	37	0.002216654	2	1141.577	-0.76	Visceras	2R:+:33511846-33511875	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_79716	LIDDMVAQALK	AGAP003168-PA	M5(Oxidation)	95	4.55E-09	2	1216.663	2.23	Malpighian tubule	2R:+:33511391-33511423	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_79814	FKDIFQEIYEK	AGAP003168-PA	-	65	5.08E-06	2	1459.754	5.06	Larva	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_80201	IQAVKPIVEMDGDEMTR	AGAP003168-PA	M10(Oxidation), M15(Oxidation),M10(Oxidation)	109	2.04E-10	1	1963.951	2.11	Salivary gland	2R:+:33510465-33510515	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_80638	DKLIFPYVK	AGAP003168-PA	-	38	0.00053462	1	1122.658	1.53	Malpighian tubule	2R:+:33510537-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_80938	CATITPDEQR	AGAP003168-PA	C1(Carbamidomethyl)	61	1.05E-05	2	1190.546	-1.25	Head	2R:+:33510777-33510806	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_81597	RWPLYLSTK	AGAP003168-PA	-	55	1.75E-05	1	1163.660	2.48	Malpighian tubule	2R:+:33511164-33511190	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_82938	VEALYYDLGLPYRDQTNDQVTIDAAHAMLK	AGAP003168-PA	M28(Oxidation)	71	8.88E-07	1	3439.685	0.29	Salivary gland	2R:+:33510669-33510758	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_83060	KMWLSPNGTIR	AGAP003168-PA	-	41	0.001366975	1	1302.700	1.32	Malpighian tubule	2R:+:33510828-33510860	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_84976	IVPGWTKPIVIGR	AGAP003168-PA	-	64	3.03E-07	1	1435.879	0.34	Visceras	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_87365	AKLDNTPELAR	AGAP003168-PA	-	73	5.15E-07	1	1227.669	0.1	Malpighian tubule	2R:+:33511753-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_88947	FKDIFQEIYEK	AGAP003168-PA	-	65	5.60E-06	2	1459.747	0.13	Midgut	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_89740	FKDIFQEIYEK	AGAP003168-PA	-	77	3.13E-07	1	1459.750	2.47	Malpighian tubule	2R:+:33511221-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_90768	LIDDMVAQALK	AGAP003168-PA	M5(Oxidation)	89	1.73E-08	1	1216.662	0.93	Salivary gland	2R:+:33511391-33511423	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_91408	AKLDNTPELAR	AGAP003168-PA	-	54	3.58E-05	1	1227.671	1.49	Male reproductive organs	2R:+:33511753-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA

JHU_Ag_91440	YTSPGVALAMYNTDESISAFAHSSFQVALGK	AGAP003168-PA	-	70	1.05E-06	1	3262.590	5.23	Visceras	2R:+:33511071-33511163	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_91469	DIFQEIYEK	AGAP003168-PA	-	42	0.000649157	2	1184.585	1.34	Malpighian tubule	2R:+:33511227-33511252,33511342-33511342	exon=> In CDS Exon 3 and 4 of transcript AGAP003168-PA
JHU_Ag_95436	LIFPYVK	AGAP003168-PA	-	34	0.000580886	2	879.533	-0.44	Visceras	2R:+:33510543-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_95606	DSMYLNTQDFLEAISEQLER	AGAP003168-PA	M3(Oxidation)	72	8.33E-07	1	2418.117	1.47	Ovary	2R:+:33511885-33511944	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_95939	DQTNDQVTIDAAHAMLK	AGAP003168-PA	M15(Oxidation)	66	3.82E-06	1	1886.893	1.09	Malpighian tubule	2R:+:33510708-33510758	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_96659	DKLIFPYVK	AGAP003168-PA	-	52	1.79E-05	1	1122.655	-0.54	Male reproductive organs	2R:+:33510537-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_96858	SSGEFVWACK	AGAP003168-PA	C9(Carbamidomethyl)	83	4.05E-08	1	1170.523	-1.19	Head	2R:+:33511424-33511453	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_97341	LIDDMVAQALK	AGAP003168-PA	M5(Oxidation)	68	2.64E-06	2	1232.659	2.86	Ovary	2R:+:33511391-33511423	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_99402	NILGGTVFREPIICNNIPR	AGAP003168-PA	C14(Carbamidomethyl)	99	8.99E-10	1	2183.179	1.5	Head	2R:+:33510861-33510917	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_99582	LIFPYVK	AGAP003168-PA	-	33	0.000722922	1	879.533	-0.65	Malpighian tubule	2R:+:33510543-33510563	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_100220	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	96	3.22E-09	1	1874.990	1.71	Pupa	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_103000	ACVDTVESGKMTK	AGAP003168-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M11(Oxidation)"	91	9.46E-09	1	1441.667	0.48	Malpighian tubule	2R:+:33511807-33511845	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_103028	CATITPDEQRVEEFK	AGAP003168-PA	C1(Carbamidomethyl)	62	9.31E-06	2	1822.867	1.87	Ovary	2R:+:33510777-33510821	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_103477	AKLDNTPELAR	AGAP003168-PA	-	53	5.20E-05	2	1227.669	0.1	Visceras	2R:+:33511753-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_103677	DLALCIHGSR	AGAP003168-PA	C5(Carbamidomethyl)	44	0.000458524	1	1141.578	0.1	Malpighian tubule	2R:+:33511846-33511875	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_104602	ACVDTVESGK	AGAP003168-PA	C2(Carbamidomethyl)	54	4.37E-05	2	1065.487	-0.98	Head	2R:+:33511807-33511836	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_104646	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	84	4.49E-08	1	1874.996	4.54	Ovary	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_107552	SSGEFVWACK	AGAP003168-PA	C9(Carbamidomethyl)	51	5.61E-05	1	1170.528	2.46	Ovary	2R:+:33511424-33511453	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_107959	LIDDMVAQALK	AGAP003168-PA	-	82	8.39E-08	2	1216.661	0.23	Visceras	2R:+:33511391-33511423	exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_108200	DSMYLNTQDFLEAISEQLER	AGAP003168-PA	M3(Oxidation)	63	7.79E-06	2	2418.123	4.16	Salivary gland	2R:+:33511885-33511944	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_110500	AKLDNTPELAR	AGAP003168-PA	-	64	3.91E-06	1	1227.672	2.58	Ovary	2R:+:33511753-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_110964	IIWQFIK	AGAP003168-PA	-	51	2.31E-05	2	947.571	-0.71	Visceras	2R:+:33510516-33510536	exon=> In CDS Exon 2 of transcript AGAP003168-PA
JHU_Ag_113050	NILGGTVFREPIICNNIPR	AGAP003168-PA	C14(Carbamidomethyl)	68	9.24E-07	1	2183.186	4.77	Pupa	2R:+:33510861-33510917	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_115829	GRPTSTNPIASIFAWTR	AGAP003168-PA	-	75	3.78E-07	1	1874.994	3.86	Larva	2R:+:33511687-33511737	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_115947	LDNTPELAR	AGAP003168-PA	-	45	0.000295286	2	1028.541	3.45	Ovary	2R:+:33511759-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_117033	DSMYLNTQDFLEAISEQLER	AGAP003168-PA	M3(Oxidation)	113	6.32E-11	1	2418.115	0.87	Malpighian tubule	2R:+:33511885-33511944	exon=> In CDS Exon 5 of transcript AGAP003168-PA
JHU_Ag_117122	AKLDNTPELAR	AGAP003168-PA	-	63	4.84E-06	1	1227.667	-1.69	Head	2R:+:33511753-33511785	exon=> In CDS Exon 5 of transcript AGAP003168-PA

JHU_Ag_117458	IVPGWTKPIVIGR	AGAP003168-PA	-	75	2.34E-08	1	1435.884	4	Ovary	2R:+:33510918-33510956	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_117655	RWPLYLSTK	AGAP003168-PA	-	43	0.000352096	2	1163.658	0.6	Salivary gland	2R:+:33511164-33511190	exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_103459	VPSLNAYVVYNSK	AGAP003171-PA	-	93	5.69E-09	1	1453.770	0.68	Ovary	2R:+:33517102-33517140	exon=> In CDS Exon 2 of transcript AGAP003171-PA
JHU_Ag_368	EYTIFVGNLPK	AGAP003171-PA,AGAP003173-PA	-	66	2.76E-06	2	1280.686	-1.74	Ovary	2R:+:33516955-33516987;2R:+:33524351-33524383	exon=> In CDS Exon 2 of transcript AGAP003171-PA;exon=> In CDS Exon 2 of transcript AGAP003173-PA
JHU_Ag_14418	ATVFVGNIAR	AGAP003171-PA,AGAP003173-PA	-	52	5.54E-05	2	1047.594	-0.19	Ovary	2R:+:33517240-33517269;2R:+:33524636-33524665	exon=> In CDS Exon 2 of transcript AGAP003171-PA;exon=> In CDS Exon 2 of transcript AGAP003173-PA
JHU_Ag_32667	GKEYTIFVGNLPK	AGAP003171-PA,AGAP003173-PA	-	75	2.20E-07	2	1465.809	2.73	Salivary gland	2R:+:33516845-33516845,33516950-33516987;2R:+:33524241-33524241,33524346-33524383	exon=> In CDS Exon 1 and 2 of transcript AGAP003171-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003173-PA
JHU_Ag_32872	YGTIQTIR	AGAP003171-PA,AGAP003173-PA	-	72	7.23E-07	2	951.526	0.1	Ovary	2R:+:33517027-33517050;2R:+:33524423-33524446	exon=> In CDS Exon 2 of transcript AGAP003171-PA;exon=> In CDS Exon 2 of transcript AGAP003173-PA
JHU_Ag_52698	GKEYTIFVGNLPK	AGAP003171-PA,AGAP003173-PA	-	48	0.000116772	2	1465.807	1.65	Malpighian tubule	2R:+:33516845-33516845,33516950-33516987;2R:+:33524241-33524241,33524346-33524383	exon=> In CDS Exon 1 and 2 of transcript AGAP003171-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003173-PA
JHU_Ag_54959	VGPIEYVR	AGAP003171-PA,AGAP003173-PA	-	55	3.49E-05	1	932.520	-0.29	Salivary gland	2R:+:33517393-33517416;2R:+:33524789-33524812	exon=> In CDS Exon 3 of transcript AGAP003171-PA;exon=> In CDS Exon 3 of transcript AGAP003173-PA
JHU_Ag_59996	VGPIEYVR	AGAP003171-PA,AGAP003173-PA	-	64	4.65E-06	1	932.521	0.95	Ovary	2R:+:33517393-33517416;2R:+:33524789-33524812	exon=> In CDS Exon 3 of transcript AGAP003171-PA;exon=> In CDS Exon 3 of transcript AGAP003173-PA
JHU_Ag_93513	ATVFVGNIAR	AGAP003171-PA,AGAP003173-PA	-	46	0.000178 37	1	1047.596	0.85	Malpighian tubule	2R:+:33517240-33517269;2R:+:33524636-33524665	exon=> In CDS Exon 2 of transcript AGAP003171-PA;exon=> In CDS Exon 2 of transcript AGAP003173-PA
JHU_Ag_111384	GTTDNDLHEFFSR	AGAP003171-PA,AGAP003173-PA	-	80	9.71E-08	1	1538.689	1.53	Ovary	2R:+:33517270-33517270,33517355-33517392;2R:+:33524666-33524666,33524751-33524788	exon=> In CDS Exon 2 and 3 of transcript AGAP003171-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003173-PA
JHU_Ag_115827	VGPIEYVR	AGAP003171-PA,AGAP003173-PA	-	60	9.98E-06	2	932.520	0.04	Malpighian tubule	2R:+:33517393-33517416;2R:+:33524789-33524812	exon=> In CDS Exon 3 of transcript AGAP003171-PA;exon=> In CDS Exon 3 of transcript AGAP003173-PA
JHU_Ag_16592	DLSTDIDSMFSR	AGAP003174-PA	M9(Oxidation)	61	5.93E-06	2	1402.618	1.72	Head	2R:+:33548220-33548255	exon=> In CDS Exon 9 of transcript AGAP003174-PA
JHU_Ag_96552	IADFGLSNVFDEQR	AGAP003174-PA	-	59	2.02E-05	2	1610.794	8	Head	2R:+:33544148-33544189	exon=> In CDS Exon 3 of transcript AGAP003174-PA
JHU_Ag_78145	VLQDAEWFR	AGAP003176-PA	-	51	0.000142 182	2	1163.585	0.38	Malpighian tubule	2R:-:33567847-33567821	exon=> In CDS Exon 2 of transcript AGAP003176-PA

JHU_Ag_833	AIETNAPENSHFIYVDVGDRPTWK	AGAP003178-PA	-	93	7.93E-09	1	2759.346	1.25	Malpighian tubule	2R:-:33578673-33578693,33578378-33578525	exon=> In CDS Exon 3 and 2 of transcript AGAP003178-PA
JHU_Ag_15974	AIETNAPENSHFIYVDVGDRPTWK	AGAP003178-PA	-	92	9.49E-09	1	2759.350	2.71	Midgut	2R:-:33578673-33578693,33578378-33578525	exon=> In CDS Exon 3 and 2 of transcript AGAP003178-PA
JHU_Ag_43763	DTNTHLSVIPTMIR	AGAP003178-PA	M12(Oxidation)	82	7.62E-08	1	1613.833	1.03	Head	2R:-:33578500-33578459	exon=> In CDS Exon 3 of transcript AGAP003178-PA
JHU_Ag_48933	HHVAGYDAFVAFMK	AGAP003178-PA	M13(Oxidation)	37	0.002780407	1	1608.770	4.27	Head	2R:-:33578903-33578862	exon=> In CDS Exon 1 of transcript AGAP003178-PA
JHU_Ag_53316	DTNTHLSVIPTMIR	AGAP003178-PA	M12(Oxidation)	54	3.88E-05	2	1597.842	3.05	Malpighian tubule	2R:-:33578500-33578459	exon=> In CDS Exon 3 of transcript AGAP003178-PA
JHU_Ag_55918	DFNGNGGAINILFTGAK	AGAP003178-PA	N5(Deamidated),"N3(Deamidated), N5(Deamidated)",N3(Deamidated)	131	1.44E-12	1	1710.831	-1.36	Midgut	2R:-:33578861-33578811	exon=> In CDS Exon 1 of transcript AGAP003178-PA
JHU_Ag_58271	LENGLSWCGDCVDAAPYIEK	AGAP003178-PA	C8(Carbamidomethyl), C11(Carbamidomethyl),"N3(Deamidated), C8(Carbamidomethyl), C11(Carbamidomethyl)"	105	2.99E-10	2	2297.023	0.8	Midgut	2R:-:33578810-33578915,33578609-33578674	exon=> In CDS Exon 2 and 1 of transcript AGAP003178-PA
JHU_Ag_59737	DTNTHLSVIPTMIR	AGAP003178-PA	M12(Oxidation)	76	2.84E-07	1	1613.831	-0.48	Midgut	2R:-:33578500-33578459	exon=> In CDS Exon 3 of transcript AGAP003178-PA
JHU_Ag_62754	AIETNAPENSHFIYVDVGDRPTWK	AGAP003178-PA	-	100	1.35E-09	1	2759.350	2.77	Visceras	2R:-:33578673-33578693,33578378-33578525	exon=> In CDS Exon 3 and 2 of transcript AGAP003178-PA
JHU_Ag_63917	AIETNAPENSHFIYVDVGDRPTWK	AGAP003178-PA	-	99	1.91E-09	1	2759.342	-0.28	Head	2R:-:33578673-33578693,33578378-33578525	exon=> In CDS Exon 3 and 2 of transcript AGAP003178-PA
JHU_Ag_79596	ADLLELFFSEDD	AGAP003178-PA	-	90	9.78E-09	1	1413.644	1.07	Ovary	2R:-:33578416-33578381	exon=> In CDS Exon 3 of transcript AGAP003178-PA
JHU_Ag_79869	AIETNAPENSHFIYVDVGDRPTWK	AGAP003178-PA	-	76	3.37E-07	1	2759.358	5.61	Ovary	2R:-:33578673-33578693,33578378-33578525	exon=> In CDS Exon 3 and 2 of transcript AGAP003178-PA
JHU_Ag_90497	DFNGNGGAINILFTGAK	AGAP003178-PA	N5(Deamidated)	130	1.61E-12	1	1709.848	-0.86	Ovary	2R:-:33578861-33578811	exon=> In CDS Exon 1 of transcript AGAP003178-PA
JHU_Ag_113308	HHVAGYDAFVAFMK	AGAP003178-PA	M13(Oxidation)	60	1.89E-05	1	1592.767	-0.72	Midgut	2R:-:33578903-33578862	exon=> In CDS Exon 1 of transcript AGAP003178-PA
JHU_Ag_23576	AFLITPDQLDEIGAGDNSASPGSSK	AGAP003179-PA	-	70	1.81E-06	2	2490.211	4.58	Salivary gland	2R:+:33582150-33582224	exon=> In CDS Exon 5 of transcript AGAP003179-PA
JHU_Ag_60006	ALNDVILSR	AGAP003179-PA	-	48	0.000154996	2	1000.583	4.37	Malpighian tubule	2R:+:33580964-33580990	exon=> In CDS Exon 4 of transcript AGAP003179-PA
JHU_Ag_81115	ALNDVILSR	AGAP003179-PA	-	52	7.66E-05	2	1000.578	-0.51	Salivary gland	2R:+:33580964-33580990	exon=> In CDS Exon 4 of transcript AGAP003179-PA
JHU_Ag_115932	YIFHAAELR	AGAP003179-PA	-	40	0.001592263	1	1119.594	-0.16	Salivary gland	2R:+:33580632-33580658	exon=> In CDS Exon 3 of transcript AGAP003179-PA
JHU_Ag_116795	SSSEVNGGEGTLK	AGAP003179-PA	-	61	1.23E-05	1	1264.606	3.18	Salivary gland	2R:+:33582225-33582263	exon=> In CDS Exon 5 of transcript AGAP003179-PA
JHU_Ag_10026	LQVLQELK	AGAP003182-PA	Q2(Deamidated)	35	0.001905081	1	971.579	1.42	Ovary	2R:+:33616979-33617002	exon=> In CDS Exon 3 of transcript AGAP003182-PA
JHU_Ag_54305	HPSFDQLYDIPHAPISTR	AGAP003182-PA	-	33	0.007810455	1	2094.047	3.18	Ovary	2R:+:33613932-33613985	exon=> In CDS Exon 2 of transcript AGAP003182-PA
JHU_Ag_67782	FPFELDIFQK	AGAP003182-PA	-	64	4.02E-06	1	1283.673	4.89	Ovary	2R:+:33614628-33614657	exon=> In CDS Exon 2 of transcript AGAP003182-PA

JHU_Ag_5054	GHGGPVWQVAWGHPR	AGAP003183-PA	-	46	0.000338233	1	1640.818	-0.97	Midgut	2R:-:33618744-33618700	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_10074	VSVLNTIDTGHEDMIHCADVDYYGLR	AGAP003183-PA	N-Term(Acetyl), M14(Oxidation), C17(Carbamidomethyl)	118	2.14E-11	1	3051.396	4.47	Malpighian tubule	2R:-:33618903-33618826	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_28336	NGAQTLAADLK	AGAP003183-PA	-	68	2.39E-06	1	1101.587	-3.02	Ovary	2R:-:33618777-33618745	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_31031	VSVLNTIDTGHEDMIHCADVDYYGLR	AGAP003183-PA	N-Term(Acetyl), M14(Oxidation), C17(Carbamidomethyl)	171	8.80E-17	1	3051.393	3.63	Salivary gland	2R:-:33618903-33618826	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_33348	DVAWAPSVGMPR	AGAP003183-PA	M10(Oxidation)	42	0.000745877	2	1301.638	5.92	Salivary gland	2R:-:33618255-33618220	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_34773	YGNVLASCSYDR	AGAP003183-PA	C8(Carbamidomethyl)	42	0.000404365	1	1404.621	-0.44	Midgut	2R:-:33618699-33618664	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_56420	YGNVLASCSYDR	AGAP003183-PA	C8(Carbamidomethyl)	33	0.003226812	1	1404.621	-0.44	Male reproductive organs	2R:-:33618699-33618664	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_59899	VSVLNTIDTGHEDMIHCADVDYYGLR	AGAP003183-PA	N-Term(Acetyl), C17(Carbamidomethyl)	186	3.75E-18	1	3035.394	2.3	Malpighian tubule	2R:-:33618903-33618826	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_67529	DVAWAPSVGMPR	AGAP003183-PA	M10(Oxidation)	42	0.000683468	2	1285.633	-2.42	Midgut	2R:-:33618255-33618220	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_69126	NGAQTLAADLK	AGAP003183-PA	N1(Deamidated)	90	1.86E-08	1	1102.573	-0.92	Male reproductive organs	2R:-:33618777-33618745	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_71388	LATCSSDNSVK	AGAP003183-PA	C4(Carbamidomethyl)	48	0.000195692	2	1181.547	0.27	Male reproductive organs	2R:-:33618825-33618793	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_79633	YGNVLASCSYDR	AGAP003183-PA	C8(Carbamidomethyl)	53	3.87E-05	2	1404.623	1.47	Malpighian tubule	2R:-:33618699-33618664	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_80895	DVAWAPSVGMPR	AGAP003183-PA	M10(Oxidation)	60	1.39E-05	2	1301.631	0.3	Male reproductive organs	2R:-:33618255-33618220	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_82080	LATCSSDNSVK	AGAP003183-PA	C4(Carbamidomethyl)	69	1.93E-06	2	1181.549	2.23	Salivary gland	2R:-:33618825-33618793	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_91289	YGNVLASCSYDR	AGAP003183-PA	C8(Carbamidomethyl)	50	6.10E-05	1	1404.621	-0.53	Ovary	2R:-:33618699-33618664	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_94195	RLELHSDWVR	AGAP003183-PA	-	34	0.003204895	1	1310.710	10.71	Ovary	2R:-:33618285-33618256	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_96515	VSVLNTIDTGHEDMIHCADVDYYGLR	AGAP003183-PA	N-Term(Acetyl), M14(Oxidation), C17(Carbamidomethyl)	169	1.31E-16	1	3051.379	-1.23	Head	2R:-:33618903-33618826	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_99194	LVSGGCDNAIK	AGAP003183-PA	C6(Carbamidomethyl)	38	0.002507 62	2	1133.562	0.06	Ovary	2R:-:33618357-33618325	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_100703	HQIASCSQDRR	AGAP003183-PA	C6(Carbamidomethyl)	37	0.001860902	2	1357.641	1.68	Ovary	2R:-:33618219-33618187	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_101612	VSVLNTIDTGHEDMIHCADVDYYGLR	AGAP003183-PA	N-Term(Acetyl), C17(Carbamidomethyl)	94	5.03E-09	1	3035.390	0.91	Head	2R:-:33618903-33618826	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_106632	KIPNAHTIGCNTVSWCPATVPEPAFDQRPSK	AGAP003183-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	36	0.002507696	1	3478.709	2.77	Ovary	2R:-:33618471-33618379	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_112185	YGNVLASCSYDRK	AGAP003183-PA	C8(Carbamidomethyl)	68	2.46E-06	1	1532.721	2.86	Malpighian tubule	2R:-:33618699-33618661	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_113292	IPNAHTIGCNTVSWCPATVPEPAFDQRPSK	AGAP003183-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	56	3.27E-05	1	3350.605	0.06	Salivary gland	2R:-:33618468-33618379	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_117697	VSVLNTIDTGHEDMIHCADVDYYGLR	AGAP003183-PA	N-Term(Acetyl), M14(Oxidation), C17(Carbamidomethyl)	130	1.07E-12	1	3051.386	1.23	Midgut	2R:-:33618903-33618826	exon=> In CDS Exon 1 of transcript AGAP003183-PA
JHU_Ag_24009	AIHLSYEDNLK	AGAP003185-PA	-	37	0.003720207	1	1302.666	-2.48	Head	2R:+:33630875-33630907	exon=> In CDS Exon 2 of transcript AGAP003185-PA

JHU_Ag_35685	IAWQQLGTITK	AGAP003185-PA	-	60	1.03E-05	2	1258.718	2.17	Salivary gland	2R:+:33631093-33631125	exon=> In CDS Exon 3 of transcript AGAP003185-PA
JHU_Ag_42940	NPISIIIPIYR	AGAP003185-PA	-	58	4.54E-06	1	1298.785	1.13	Male reproductive organs	2R:+:33632336-33632368	exon=> In CDS Exon 6 of transcript AGAP003185-PA
JHU_Ag_68768	DLSLDAGTVGEDSSK	AGAP003185-PA	-	96	4.04E-09	2	1493.701	2.89	Head	2R:+:33630651-33630695	exon=> In CDS Exon 1 of transcript AGAP003185-PA
JHU_Ag_113716	NPISIIIPIYR	AGAP003185-PA	N1(Deamidated)	38	0.000475675	2	1298.782	-0.94	Midgut	2R:+:33632336-33632368	exon=> In CDS Exon 6 of transcript AGAP003185-PA
JHU_Ag_72402	AIVNFADLYK	AGAP003187-PA	-	42	0.000568179	2	1153.631	4.6	Visceras	2R:+:33686749-33686778	exon=> In CDS Exon 12 of transcript AGAP003187-PA
JHU_Ag_97352	TLDTDPSFTPEVEVK	AGAP003187-PA	-	44	0.000661417	2	1677.827	2.82	Ovary	2R:+:33682621-33682665	exon=> In CDS Exon 3 of transcript AGAP003187-PA
JHU_Ag_96507	LAGMPTAIIK	AGAP003190-PA	-	41	0.000832914	2	1014.592	-9.7	Head	2R:+:33733849-33733878	exon=> In CDS Exon 4 of transcript AGAP003190-PA
JHU_Ag_4561	YAQQYPAFQDSR	AGAP003192-PA	-	58	1.65E-05	1	1473.678	1.54	Malpighian tubule	2R:-:33742164-33742129	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_8110	SFFGSLFGGGSNK	AGAP003192-PA	-	53	8.81E-05	2	1304.630	2.21	Pupa	2R:-:33743328-33743397,33742724-33742895	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA
JHU_Ag_8817	SFFGSLFGGGSNK	AGAP003192-PA	-	59	1.97E-05	2	1304.628	1	Midgut	2R:-:33743328-33743397,33742724-33742895	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA
JHU_Ag_9362	KWSQAGSAFCEAANLHAK	AGAP003192-PA	C10(Carbamidomethyl)	94	6.25E-09	1	1975.945	0.17	Head	2R:-:33742837-33742784	exon=> In CDS Exon 2 of transcript AGAP003192-PA
JHU_Ag_9448	TLCEHLEEQNVDGFTEAVK	AGAP003192-PA	C3(Carbamidomethyl)	79	1.67E-07	1	2219.033	2.1	Midgut	2R:-:33742039-33741983	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_11915	SFFGSLFGGGSNK	AGAP003192-PA	-	53	8.33E-05	2	1304.627	-0.31	Male reproductive organs	2R:-:33743328-33743397,33742724-33742895	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA
JHU_Ag_12350	SFFGSLFGGGSNK	AGAP003192-PA	-	102	9.94E-10	1	1304.630	2.03	Head	2R:-:33743328-33743397,33742724-33742895	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA
JHU_Ag_15592	YAQQYPAFQDSR	AGAP003192-PA	-	81	8.17E-08	1	1473.675	-0.61	Head	2R:-:33742164-33742129	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_16157	HDAATNYVDASNCYKK	AGAP003192-PA	C13(Carbamidomethyl)	78	1.24E-07	1	1856.821	-1.26	Head	2R:-:33742771-33742724	exon=> In CDS Exon 2 of transcript AGAP003192-PA
JHU_Ag_17568	AVQHYEQAADYFKGEESTSSANK	AGAP003192-PA	-	148	1.50E-14	1	2560.159	0.05	Head	2R:-:33742425-33742357	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_18405	KTDPNEAVNCLLK	AGAP003192-PA	C10(Carbamidomethyl)	40	0.001567141	2	1501.772	2.86	Malpighian tubule	2R:-:33742726-33742910,33742509-33742605	exon=> In CDS Exon 3 and 2 of transcript AGAP003192-PA
JHU_Ag_19395	TDPNEAVNCLLK	AGAP003192-PA	C9(Carbamidomethyl)	64	6.41E-06	2	1373.678	3.57	Malpighian tubule	2R:-:33742640-33742605	exon=> In CDS Exon 3 of transcript AGAP003192-PA
JHU_Ag_19422	KTDPNEAVNCLLK	AGAP003192-PA	C10(Carbamidomethyl)	80	1.85E-07	1	1501.769	0.5	Head	2R:-:33742726-33742910,33742509-33742605	exon=> In CDS Exon 3 and 2 of transcript AGAP003192-PA
JHU_Ag_20581	TLCEHLEEQNVDGFTEAVK	AGAP003192-PA	C3(Carbamidomethyl)	51	9.72E-05	1	2219.030	0.83	Male reproductive organs	2R:-:33742039-33741983	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_23240	TDPNEAVNCLLK	AGAP003192-PA	C9(Carbamidomethyl)	47	0.000291829	2	1373.674	0.37	Head	2R:-:33742640-33742605	exon=> In CDS Exon 3 of transcript AGAP003192-PA
JHU_Ag_24895	SFFGSLFGGGSNKVEEAVECYQR	AGAP003192-PA	C20(Carbamidomethyl)	152	8.17E-15	1	2568.179	-1.16	Head	2R:-:33743328-33743397,33742724-33742865	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA

JHU_Ag_26052	HHQSIAEMYENEANDLQR	AGAP003192-PA	M8(Oxidation), N11(Deamidated),M8(Oxidation),"Q3(Deamidated), M8(Oxidation)"	130	8.91E-13	1	2200.967	-0.12	Head	2R:-:33742556-33742640,33742111-33742426	exon=> In CDS Exon 4 and 3 of transcript AGAP003192-PA
JHU_Ag_26187	AIQIYEQVAGSCLDSSLLK	AGAP003192-PA	C12(Carbamidomethyl)	124	4.99E-12	1	2095.075	0.56	Head	2R:-:33742305-33742249	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_33042	VAQYAAQLEDYEK	AGAP003192-PA	-	119	1.55E-11	1	1527.734	1.19	Head	2R:-:33742344-33742306	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_35631	SFFGSLFGGGSNKVEEAVECYQR	AGAP003192-PA	C20(Carbamidomethyl)	92	6.83E-09	1	2568.181	-0.48	Male reproductive organs	2R:-:33743328-33743397,33742724-33742865	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA
JHU_Ag_36242	TLCEHLEEQNVDGFTEAVK	AGAP003192-PA	C3(Carbamidomethyl)	113	7.10E-11	1	2219.029	0.01	Head	2R:-:33742039-33741983	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_37675	AIQIYEQVAGSCLDSSLLK	AGAP003192-PA	C12(Carbamidomethyl)	36	0.00346426	1	2095.073	-0.37	Male reproductive organs	2R:-:33742305-33742249	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_37908	VAQYAAQLEDYEK	AGAP003192-PA	-	92	8.44E-09	2	1527.737	2.7	Salivary gland	2R:-:33742344-33742306	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_42499	SFFGSLFGGGSNK	AGAP003192-PA	-	78	2.69E-07	2	1304.625	-1.53	Ovary	2R:-:33743328-33743397,33742724-33742895	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA
JHU_Ag_43745	AMQLIAEAEK	AGAP003192-PA	M2(Oxidation)	52	9.84E-05	2	1119.572	0.18	Male reproductive organs	2R:-:33743376-33743347	exon=> In CDS Exon 1 of transcript AGAP003192-PA
JHU_Ag_45290	YAQQYPAFQDSR	AGAP003192-PA	-	49	0.000140413	2	1473.677	0.55	Salivary gland	2R:-:33742164-33742129	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_48111	HDAATNYVDASNCYK	AGAP003192-PA	N12(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	108	5.09E-11	1	1729.708	-2.37	Head	2R:-:33742771-33742727	exon=> In CDS Exon 2 of transcript AGAP003192-PA
JHU_Ag_48561	VAQYAAQLEDYEK	AGAP003192-PA	-	86	3.15E-08	1	1527.734	0.87	Male reproductive organs	2R:-:33742344-33742306	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_53705	LDQWYTTILLR	AGAP003192-PA	-	63	4.74E-06	2	1421.779	0.23	Midgut	2R:-:33741961-33741929	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_56010	LDQWYTTILLR	AGAP003192-PA	-	69	1.08E-06	1	1421.780	1.09	Male reproductive organs	2R:-:33741961-33741929	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_58407	AIDIYTDMGR	AGAP003192-PA	M8(Oxidation)	47	0.000225522	2	1170.550	3.29	Male reproductive organs	2R:-:33742604-33742575	exon=> In CDS Exon 3 of transcript AGAP003192-PA
JHU_Ag_59509	TLCEHLEEQNVDGFTEAVKEYDSISR	AGAP003192-PA	C3(Carbamidomethyl)	137	2.36E-13	1	3069.410	-0.13	Head	2R:-:33742039-33741962	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_60828	HHQSIAEMYENEANDLQR	AGAP003192-PA	-	62	6.89E-06	3	2184.981	3.62	Malpighian tubule	2R:-:33742556-33742640,33742111-33742426	exon=> In CDS Exon 4 and 3 of transcript AGAP003192-PA
JHU_Ag_61222	AVQHYEQAADYFK	AGAP003192-PA	-	85	4.06E-08	1	1569.735	1.04	Malpighian tubule	2R:-:33742425-33742387	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_69817	YAQQYPAFQDSR	AGAP003192-PA	-	41	0.000873305	1	1473.675	-0.78	Pupa	2R:-:33742164-33742129	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_69995	AVQHYEQAADYFK	AGAP003192-PA	Q7(Deamidated),Q3(Deamidated)	113	7.37E-11	1	1569.738	2.91	Head	2R:-:33742425-33742387	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_76019	YAQQYPAFQDSR	AGAP003192-PA	-	67	2.10E-06	1	1473.674	-1.36	Midgut	2R:-:33742164-33742129	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_81071	TLCEHLEEQNVDGFTEAVK	AGAP003192-PA	C3(Carbamidomethyl)	99	1.88E-09	1	2219.029	0.34	Malpighian tubule	2R:-:33742039-33741983	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_85113	LDQWYTTILLR	AGAP003192-PA	-	58	1.58E-05	1	1421.782	2.29	Salivary gland	2R:-:33741961-33741929	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_89984	LDQWYTTILLR	AGAP003192-PA	-	79	1.28E-07	1	1421.780	1	Head	2R:-:33741961-33741929	exon=> In CDS Exon 5 of transcript AGAP003192-PA

JHU_Ag_90829	AGSRHDAATNYVDASNCYK	AGAP003192-PA	C17(Carbamidomethyl)	70	6.61E-07	1	2099.924	1.72	Malpighian tubule	2R:-:33742783-33742727	exon=> In CDS Exon 2 of transcript AGAP003192-PA
JHU_Ag_91046	SFFGSLFGGGSNKVEEAVECYQR	AGAP003192-PA	C20(Carbamidomethyl)	121	9.24E-12	1	2568.196	5.15	Malpighian tubule	2R:-:33743328-33743397,33742724-33742865	exon=> In CDS Exon 2 and 1 of transcript AGAP003192-PA
JHU_Ag_93148	LDQWYTTILLR	AGAP003192-PA	-	58	1.27E-05	2	1421.782	2.55	Pupa	2R:-:33741961-33741929	exon=> In CDS Exon 5 of transcript AGAP003192-PA
JHU_Ag_102013	AALCHLSVDLLNAQHAMEK	AGAP003192-PA	C4(Carbamidomethyl), M17(Oxidation),"C4(Carbamidomethyl), Q14(Deamidated), M17(Oxidation)"	153	1.02E-14	1	2137.055	0.94	Head	2R:-:33742221-33742165	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_110244	VAQYAAQLEDYEK	AGAP003192-PA	-	95	3.91E-09	1	1527.734	1.19	Ovary	2R:-:33742344-33742306	exon=> In CDS Exon 4 of transcript AGAP003192-PA
JHU_Ag_111344	VEEAVECYQR	AGAP003192-PA	C7(Carbamidomethyl)	85	2.59E-08	1	1282.572	-1.13	Head	2R:-:33742894-33742865	exon=> In CDS Exon 2 of transcript AGAP003192-PA
JHU_Ag_111563	KWSQAGSAFCEAANLHAK	AGAP003192-PA	C10(Carbamidomethyl)	109	2.08E-10	1	1975.950	2.95	Malpighian tubule	2R:-:33742837-33742784	exon=> In CDS Exon 2 of transcript AGAP003192-PA
JHU_Ag_115323	AMQLIAEAEK	AGAP003192-PA	-	45	0.000524248	2	1103.576	-0.45	Head	2R:-:33743376-33743347	exon=> In CDS Exon 1 of transcript AGAP003192-PA
JHU_Ag_56384	MQSGLVKLR	AGAP003193-PA	Q2(Deamidated)	54	4.70E-05	1	1032.583	-4.19	Malpighian tubule	2R:+:33743946-33743972	exon=> In CDS Exon 1 of transcript AGAP003193-PA
JHU_Ag_29029	LVSDATQGQIPK	AGAP003194-PA,AGAP003194-PB	-	43	0.000585275	2	1256.682	-2.08	Pupa	2R:-:33745868-33745833;2R:-:33745868-33745833	exon=> In CDS Exon 3 of transcript AGAP003194-PA;exon=> In CDS Exon 4 of transcript AGAP003194-PB
JHU_Ag_32322	ISDLNAIYISSVIQQTK	AGAP003194-PA,AGAP003194-PB	-	56	1.70E-05	2	1893.037	2.22	Head	2R:-:33745196-33745146;2R:-:33745196-33745146	exon=> In CDS Exon 5 of transcript AGAP003194-PA;exon=> In CDS Exon 6 of transcript AGAP003194-PB
JHU_Ag_32899	DVQLAAAQYVITDENRPVSK	AGAP003194-PA,AGAP003194-PB	-	40	0.000971368	1	2217.158	3.12	Head	2R:-:33746024-33745965;2R:-:33746024-33745965	exon=> In CDS Exon 3 of transcript AGAP003194-PA;exon=> In CDS Exon 4 of transcript AGAP003194-PB
JHU_Ag_84057	AIEMSDLEDAR	AGAP003194-PA,AGAP003194-PB	M4(Oxidation)	72	5.52E-07	2	1265.565	-2.68	Pupa	2R:-:33745832-33745800;2R:-:33745832-33745800	exon=> In CDS Exon 3 of transcript AGAP003194-PA;exon=> In CDS Exon 4 of transcript AGAP003194-PB
JHU_Ag_14456	GSSNSVSTTTPPQTPPVVK	AGAP003198-PA	-	34	0.004616608	1	1883.971	0.27	Head	2R:-:33770911-33771028,33770306-33770747	exon=> In CDS Exon 4 and 3 of transcript AGAP003198-PA
JHU_Ag_66089	IIDHLVSNATR	AGAP003198-PA	-	38	0.001165018	1	1238.686	0.6	Head	2R:-:33770701-33770669	exon=> In CDS Exon 4 of transcript AGAP003198-PA
JHU_Ag_80507	ISSSNPTPPAYR	AGAP003198-PA	-	38	0.002421954	2	1289.649	0.38	Head	2R:-:33770512-33770477	exon=> In CDS Exon 4 of transcript AGAP003198-PA
JHU_Ag_97136	LIAAVK	AGAP003198-PA	-	29	0.002661141	1	614.424	0.35	Head	2R:-:33772415-33772398	exon=> In CDS Exon 2 of transcript AGAP003198-PA
JHU_Ag_37704	ATLLPKPVDPEEAAAK	AGAP003199-PA	N-Term(Acetyl)	59	1.19E-05	1	1691.915	-3.95	Head	2R:-:33778306-33778259	exon=> In CDS Exon 1 of transcript AGAP003199-PA
JHU_Ag_51546	ATLLPKPVDPEEAAAK	AGAP003199-PA	N-Term(Acetyl)	55	2.47E-05	1	1691.927	3.48	Malpighian tubule	2R:-:33778306-33778259	exon=> In CDS Exon 1 of transcript AGAP003199-PA
JHU_Ag_100715	ATLLPKPVDPEEAAAK	AGAP003199-PA	N-Term(Acetyl)	34	0.003420409	2	1691.920	-0.92	Midgut	2R:-:33778306-33778259	exon=> In CDS Exon 1 of transcript AGAP003199-PA
JHU_Ag_116930	TEGIFFPGSDLDEVAK	AGAP003199-PA	-	48	0.000211216	2	1724.839	0.62	Midgut	2R:-:33778240-33778193	exon=> In CDS Exon 1 of transcript AGAP003199-PA

JHU_Ag_5580	LYNVHHIWCYK	AGAP003200-PA	C9(Carbamidomethyl)	62	1.18E-05	1	1532.749	1.28	Male reproductive organs	2R:+:33800123-33800147,33800239-33800246	exon=> In CDS Exon 4 and 5 of transcript AGAP003200-PA
JHU_Ag_14438	QNNNEAFAGYFSQIGR	AGAP003200-PA	-	91	9.91E-09	1	1815.846	2.58	Visceras	2R:+:33800075-33800122	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_15874	QNNNEAFAGYFSQIGR	AGAP003200-PA	N4(Deamidated),Q1(Deamidated),N3(Deamidated),N2(Deamidated)	95	3.51E-09	1	1815.842	0.63	Midgut	2R:+:33800075-33800122	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_25281	QNNNEAFAGYFSQIGR	AGAP003200-PA	-	92	6.91E-09	2	1815.846	3.05	Malpighian tubule	2R:+:33800075-33800122	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_29882	AINHRQNNNEAFAGYFSQIGR	AGAP003200-PA	-	108	2.79E-10	1	2407.179	5.85	Malpighian tubule	2R:+:33800060-33800122	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_40662	QNNNEAFAGYFSQIGR	AGAP003200-PA	-	98	1.57E-09	1	1815.845	2.37	Head	2R:+:33800075-33800122	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_43163	SYVQLMQER	AGAP003200-PA	-	50	0.000142951	2	1153.570	2.12	Malpighian tubule	2R:+:33799880-33799906	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_59740	ELSSDKSYVQLMQER	AGAP003200-PA	M12(Oxidation)	103	7.63E-10	1	1812.884	2.61	Malpighian tubule	2R:+:33799790-33799807,33799880-33799906	exon=> In CDS Exon 3 and 4 of transcript AGAP003200-PA
JHU_Ag_64378	SYVQLMQER	AGAP003200-PA	M6(Oxidation)	69	1.32E-06	1	1169.562	-0.35	Male reproductive organs	2R:+:33799880-33799906	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_100447	SYVQLMQER	AGAP003200-PA	-	62	1.04E-05	2	1153.568	1.17	Head	2R:+:33799880-33799906	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_115963	QNNNEAFAGYFSQIGR	AGAP003200-PA	-	105	3.54E-10	2	1815.840	-0.52	Ovary	2R:+:33800075-33800122	exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_35323	RPLKEDEISAICDGVLR	AGAP003202-PA	C12(Carbamidomethyl)	35	0.003414946	1	1971.040	3.46	Ovary	2R:-:33810335-33810285	exon=> In CDS Exon 1 of transcript AGAP003202-PA
JHU_Ag_53329	SPNVLIDLIAR	AGAP003202-PA	-	71	2.06E-07	2	1210.715	-0.47	Ovary	2R:-:33809736-33810142,33808934-33809594	exon=> In CDS Exon 3 and 2 of transcript AGAP003202-PA
JHU_Ag_88159	SPNVLIDLIAR	AGAP003202-PA	-	63	1.14E-06	2	1210.720	3.36	Malpighian tubule	2R:-:33809736-33810142,33808934-33809594	exon=> In CDS Exon 3 and 2 of transcript AGAP003202-PA
JHU_Ag_17644	SALDKEYDLLLHNFTR	AGAP003202-PA,AGAP003201-PA	-	103	5.23E-10	1	1935.005	4.12	Head	2R:-:33808710-33808663;2R:-:33790779-33790732	exon=> In CDS Exon 4 of transcript AGAP003202-PA;exon=> In CDS Exon 2 of transcript AGAP003201-PA
JHU_Ag_110785	SALDKEYDLLLHNFTR	AGAP003202-PA,AGAP003201-PA	-	38	0.001956 96	1	1935.004	3.37	Ovary	2R:-:33808710-33808663;2R:-:33790779-33790732	exon=> In CDS Exon 4 of transcript AGAP003202-PA;exon=> In CDS Exon 2 of transcript AGAP003201-PA
JHU_Ag_20610	AARPVAAAGVSPLDVSYANNFNEK	AGAP003204-PA	-	138	2.14E-13	1	2461.246	-0.53	Head	2R:-:33821916-33821845	exon=> In CDS Exon 4 of transcript AGAP003204-PA
JHU_Ag_61496	YDYSEPQEPVQVEK	AGAP003204-PA	-	92	6.43E-09	1	1710.788	1.24	Head	2R:-:33821389-33821713,33821145-33821277	exon=> In CDS Exon 6 and 5 of transcript AGAP003204-PA
JHU_Ag_68613	DEGFISEIPTTEDPHQVAEETAHLAPHGVPSNPIPR	AGAP003204-PA	-	100	1.09E-09	1	3887.895	2.92	Head	2R:-:33820335-33820496,33819988-33820150	exon=> In CDS Exon 10 and 9 of transcript AGAP003204-PA
JHU_Ag_87090	VLCLGLVGNILR	AGAP003204-PA	C3(Carbamidomethyl)	77	6.14E-08	2	1326.795	1.73	Head	2R:-:33820808-33820773	exon=> In CDS Exon 7 of transcript AGAP003204-PA
JHU_Ag_90277	SSAQGVLQGLHHGLGR	AGAP003204-PA	-	98	2.05E-09	1	1616.866	2.56	Head	2R:-:33820568-33820639,33820288-33820462	exon=> In CDS Exon 9 and 8 of transcript AGAP003204-PA

JHU_Ag_95064	MFAQTTR	AGAP003204-PA	-	46	0.000266313	2	854.417	-2.51	Head	2R:-:33821072-33821052	exon=> In CDS Exon 7 of transcript AGAP003204-PA
JHU_Ag_108749	LNEIGQQNVDNGYGTYQTTGGALDVPGGAPK	AGAP003204-PA	N11(Deamidated)	95	4.31E-09	1	3135.495	2.81	Head	2R:-:33820131-33820039	exon=> In CDS Exon 10 of transcript AGAP003204-PA
JHU_Ag_42805	TLVTMLDMSLLK	AGAP003205-PA	M5(Oxidation), M8(Oxidation)	67	2.09E-06	2	1396.749	4.66	Larva	2R:-:33826585-33826550	exon=> In CDS Exon 1 of transcript AGAP003205-PA
JHU_Ag_15622	IIQTAPSPSTEQPVTSNITSTTTINDDRK	AGAP003206-PA,AGAP003206-PB	-	56	2.38E-05	1	3115.580	1.39	Head	2R:-:33851126-33851040;2R:-:33851126-33851040	exon=> In CDS Exon 9 of transcript AGAP003206-PA;exon=> In CDS Exon 9 of transcript AGAP003206-PB
JHU_Ag_30344	NAIGAMMDVSLLR	AGAP003206-PA,AGAP003206-PB	M6(Oxidation), M7(Oxidation)	88	2.49E-08	2	1422.708	-0.16	Midgut	2R:-:33852080-33852042;2R:-:33852080-33852042	exon=> In CDS Exon 6 of transcript AGAP003206-PA;exon=> In CDS Exon 6 of transcript AGAP003206-PB
JHU_Ag_55141	NASQPAFTSHQSGMPK	AGAP003206-PA,AGAP003206-PB	M14(Oxidation)	34	0.004873102	1	1703.786	2.87	Malpighian tubule	2R:-:33854921-33855855,33854601-33854757;2R:-:33854921-33855855,33854601-33854757	exon=> In CDS Exon 4 and 3 of transcript AGAP003206-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003206-PB
JHU_Ag_60104	KPSEAPVHVEVLTPIDEEPSEDLADDDQPITMVPK	AGAP003206-PA,AGAP003206-PB	M32(Oxidation)	85	2.91E-08	1	3856.883	3.77	Head	2R:-:33851231-33851127;2R:-:33851231-33851127	exon=> In CDS Exon 9 of transcript AGAP003206-PA;exon=> In CDS Exon 9 of transcript AGAP003206-PB
JHU_Ag_88556	NTNSESDAADYGADNMPR	AGAP003206-PA,AGAP003206-PB	M16(Oxidation)	96	4.74E-10	2	1943.774	3.57	Malpighian tubule	2R:-:33854975-33854922;2R:-:33854975-33854922	exon=> In CDS Exon 3 of transcript AGAP003206-PA;exon=> In CDS Exon 3 of transcript AGAP003206-PB
JHU_Ag_88847	FRKPSEAPVHVEVLTPIDEEPSEDLADDDQPITMVPK	AGAP003206-PA,AGAP003206-PB	M34(Oxidation)	83	4.08E-08	1	4144.047	0.9	Malpighian tubule	2R:-:33851237-33851127;2R:-:33851237-33851127	exon=> In CDS Exon 9 of transcript AGAP003206-PA;exon=> In CDS Exon 9 of transcript AGAP003206-PB
JHU_Ag_106854	APLNADPGVHSSLALDQLAAQQGGMHPVATLPTISEFK	AGAP003206-PA,AGAP003206-PB	M25(Oxidation)	85	1.92E-08	1	3897.999	4.77	Head	2R:-:33855170-33855057;2R:-:33855170-33855057	exon=> In CDS Exon 3 of transcript AGAP003206-PA;exon=> In CDS Exon 3 of transcript AGAP003206-PB
JHU_Ag_11724	APIQLVDQHGCVVRPK	AGAP003211-PA	C11(Carbamidomethyl)	62	6.11E-06	1	1816.982	-1.98	Salivary gland	2R:-:33923339-33923292	exon=> In CDS Exon 2 of transcript AGAP003211-PA
JHU_Ag_31646	VNIEFDRPFYGMIFSK	AGAP003211-PA	M12(Oxidation)	37	0.003481454	1	1978.968	-2.84	Malpighian tubule	2R:-:33923935-33923888	exon=> In CDS Exon 1 of transcript AGAP003211-PA
JHU_Ag_70864	VNIEFDRPFYGMIFSK	AGAP003211-PA	M12(Oxidation)	70	1.68E-06	1	1978.975	0.68	Salivary gland	2R:-:33923935-33923888	exon=> In CDS Exon 1 of transcript AGAP003211-PA
JHU_Ag_97	LPEKPSDEELDMLDLAYELTDTSR	AGAP003212-PA	M12(Oxidation)	126	3.52E-12	1	2796.311	-0.86	Ovary	2R:-:33989863-33989792	exon=> In CDS Exon 2 of transcript AGAP003212-PA
JHU_Ag_10151	LQSEEVEVTFVR	AGAP003212-PA	-	65	5.32E-06	2	1435.745	1.82	Male reproductive organs	2R:-:33990776-33990962,33989708-33990023	exon=> In CDS Exon 2 and 1 of transcript AGAP003212-PA
JHU_Ag_32323	LPEKPSDEELDMLDLAYELTDTSR	AGAP003212-PA	M12(Oxidation)	45	0.000411866	3	2796.316	0.97	Midgut	2R:-:33989863-33989792	exon=> In CDS Exon 2 of transcript AGAP003212-PA
JHU_Ag_104144	VPATINDAR	AGAP003212-PA	-	45	0.000266221	2	956.516	0.27	Ovary	2R:-:33989740-33989714	exon=> In CDS Exon 2 of transcript AGAP003212-PA
JHU_Ag_110087	LGCQITLSK	AGAP003212-PA	C3(Carbamidomethyl)	38	0.002370714	2	1019.554	-1.35	Head	2R:-:33989791-33989765	exon=> In CDS Exon 2 of transcript AGAP003212-PA
JHU_Ag_116438	RAAAAANQR	AGAP003213-PA	N7(Deamidated)	39	0.001157399	2	929.480	-12.49	Malpighian tubule	2R:+:33993516-33993542	exon=> In CDS Exon 2 of transcript AGAP003213-PA

JHU_Ag_3716	VHAVVGVLGDDTDPMVTVMK	AGAP003215-PA	M15(Oxidation), M19(Oxidation)	139	2.27E-13	1	2115.046	-0.29	Ovary	2R:+:33996422-33996481	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_6573	GVILYGPPGTGK	AGAP003215-PA	-	50	0.000131193	1	1158.652	0.37	Male reproductive organs	2R:+:33996617-33996652	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_8912	MTLAEDVNLSELIMAK	AGAP003215-PA	M1(Oxidation), M14(Oxidation)	117	3.41E-11	1	1809.899	0.82	Ovary	2R:+:33997070-33997117	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_9334	IKDYLLMEEEFIR	AGAP003215-PA	M7(Oxidation)	48	0.000251981	1	1714.868	-2.42	Midgut	2R:+:33996158-33996196	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_9860	DYLLMEEEFIR	AGAP003215-PA	M5(Oxidation)	65	4.44E-06	1	1473.696	2.21	Head	2R:+:33996164-33996196	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_10018	AVANQTSATFLR	AGAP003215-PA	-	69	1.54E-06	2	1278.678	-1.36	Pupa	2R:+:33996668-33996703	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_12138	IKDYLLMEEEFIR	AGAP003215-PA	M7(Oxidation)	103	6.48E-10	1	1714.882	5.62	Larva	2R:+:33996158-33996196	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_13948	TMLELLNQLDGFDSR	AGAP003215-PA	-	86	3.85E-08	1	1751.869	3.33	Salivary gland	2R:+:33996878-33996922	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_14229	VAEEHAPSIVFIDEIDAVGTKR	AGAP003215-PA	-	107	1.57E-10	1	2396.255	4.06	Malpighian tubule	2R:+:33996773-33996838	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_14724	IKDYLLMEEEFIR	AGAP003215-PA	M7(Oxidation)	90	1.50E-08	1	1714.870	-1.11	Ovary	2R:+:33996158-33996196	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_17463	DQLEPGCSVLLNHK	AGAP003215-PA	C7(Carbamidomethyl)	47	0.000334747	1	1609.806	3.34	Midgut	2R:+:33996380-33996421	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_17829	LKPQEEKIEEER	AGAP003215-PA	-	65	3.41E-06	1	1527.801	-0.22	Malpighian tubule	2R:+:33996209-33996244	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_21354	AVANQTSATFLR	AGAP003215-PA	-	70	1.18E-06	1	1278.675	-3.84	Head	2R:+:33996668-33996703	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_21704	AVANQTSATFLR	AGAP003215-PA	-	80	1.36E-07	2	1278.680	-0.12	Malpighian tubule	2R:+:33996668-33996703	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_22619	TMLELLNQLDGFDSR	AGAP003215-PA	M2(Oxidation)	117	2.96E-11	1	1767.858	0.03	Ovary	2R:+:33996878-33996922	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_29246	VAEEHAPSIVFIDEIDAVGTK	AGAP003215-PA	-	85	3.81E-08	1	2240.152	3.22	Head	2R:+:33996773-33996835	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_29443	AICTEAGLMALR	AGAP003215-PA	C3(Carbamidomethyl), M9(Oxidation)	83	1.05E-07	1	1321.661	0.17	Ovary	2R:+:33997145-33997180	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_29584	IETLDPALIRPGR	AGAP003215-PA	-	41	0.000152065	1	1450.841	2.2	Salivary gland	2R:+:33996956-33996994	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_34933	AVANQTSATFLR	AGAP003215-PA	-	86	3.22E-08	2	1278.680	-0.41	Salivary gland	2R:+:33996668-33996703	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_36151	KYEPPIPTR	AGAP003215-PA	-	35	0.003880997	1	1100.610	0.44	Ovary	2R:+:33996026-33996052	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_39222	VVGSELIQK	AGAP003215-PA	-	39	0.001406661	1	972.573	0.59	Ovary	2R:+:33996704-33996730	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_39273	ESVELPLTHPEYYEEMGIKPPK	AGAP003215-PA	M16(Oxidation)	64	6.34E-06	1	2602.271	-1.22	Head	2R:+:33996551-33996616	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_43678	AVANQTSATFLR	AGAP003215-PA	-	95	3.72E-09	1	1278.679	-0.98	Ovary	2R:+:33996668-33996703	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_44917	GVILYGPPGTGK	AGAP003215-PA	-	61	7.94E-06	1	1158.654	1.89	Malpighian tubule	2R:+:33996617-33996652	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_46207	DQLEPGCSVLLNHK	AGAP003215-PA	C7(Carbamidomethyl)	38	0.00279375	2	1609.806	3.79	Ovary	2R:+:33996380-33996421	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_47665	VAEEHAPSIVFIDEIDAVGTK	AGAP003215-PA	-	48	0.000142175	3	2240.163	8.04	Malpighian tubule	2R:+:33996773-33996835	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_56676	VAEEHAPSIVFIDEIDAVGTK	AGAP003215-PA	-	44	0.000335338	3	2240.169	10.9	Salivary gland	2R:+:33996773-33996835	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_57398	VAEEHAPSIVFIDEIDAVGTK	AGAP003215-PA	-	97	2.59E-09	1	2240.145	0.19	Ovary	2R:+:33996773-33996835	exon=> In CDS Exon 1 of transcript AGAP003215-PA

JHU_Ag_62070	GVILYGPPGTGK	AGAP003215-PA	-	55	4.07E-05	2	1158.652	0.52	Salivary gland	2R:+:33996617-33996652	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_71316	APQETYADIGGLDTQIQEIK	AGAP003215-PA	-	62	9.80E-06	1	2190.088	-2	Pupa	2R:+:33996491-33996550	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_72118	GVILYGPPGTGK	AGAP003215-PA	-	51	6.75E-05	1	1158.655	2.52	Ovary	2R:+:33996617-33996652	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_72645	KIEFPLPDEK	AGAP003215-PA	-	45	0.000598645	2	1215.663	0.4	Ovary	2R:+:33997004-33997033	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_75467	APQETYADIGGLDTQIQEIK	AGAP003215-PA	-	109	1.97E-10	1	2190.098	2.35	Head	2R:+:33996491-33996550	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_76969	IETLDPALIRPGR	AGAP003215-PA	-	32	0.001345098	1	1450.839	1.13	Malpighian tubule	2R:+:33996956-33996994	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_77298	AICTEAGLMALR	AGAP003215-PA	C3(Carbamidomethyl), M9(Oxidation)	82	1.28E-07	1	1321.660	-0.3	Male reproductive organs	2R:+:33997145-33997180	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_78851	IETLDPALIRPGR	AGAP003215-PA	-	36	0.000507026	1	1450.840	1.51	Ovary	2R:+:33996956-33996994	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_82371	AVANQTSATFLR	AGAP003215-PA	-	39	0.001439521	2	1278.682	1.5	Visceras	2R:+:33996668-33996703	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_84749	TMLELLNQLDGFDSRGDVK	AGAP003215-PA	-	56	3.23E-05	1	2151.087	5.39	Malpighian tubule	2R:+:33996878-33996934	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_87079	APQETYADIGGLDTQIQEIK	AGAP003215-PA	-	137	3.20E-13	1	2190.098	2.57	Salivary gland	2R:+:33996491-33996550	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_95224	AVANQTSATFLR	AGAP003215-PA	-	87	2.48E-08	2	1278.683	2.17	Male reproductive organs	2R:+:33996668-33996703	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_95259	VVGSELIQK	AGAP003215-PA	-	39	0.001426229	2	972.572	-0.41	Malpighian tubule	2R:+:33996704-33996730	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_97674	APQETYADIGGLDTQIQEIK	AGAP003215-PA	-	141	1.17E-13	1	2190.098	2.68	Visceras	2R:+:33996491-33996550	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_117168	APQETYADIGGLDTQIQEIK	AGAP003215-PA	-	141	1.13E-13	1	2190.096	1.34	Ovary	2R:+:33996491-33996550	exon=> In CDS Exon 1 of transcript AGAP003215-PA
JHU_Ag_30658	FDTPPSAIDDLDEEYGR	AGAP003217-PA	-	100	7.49E-10	1	1939.853	-1.28	Head	2R:+:34000276-34000326	exon=> In CDS Exon 2 of transcript AGAP003217-PA
JHU_Ag_4338	IGFFTALVGLLER	AGAP003218-PA	-	75	8.43E-08	1	1435.835	2.99	Midgut	2R:-:34005081-34005043	exon=> In CDS Exon 2 of transcript AGAP003218-PA
JHU_Ag_4828	ACQFIVICSQVLGK	AGAP003218-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	59	1.81E-05	2	1622.842	1.75	Ovary	2R:-:34002395-34002354	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_6432	IGFFTALVGLLER	AGAP003218-PA	-	87	5.13E-09	2	1435.837	4.35	Ovary	2R:-:34005081-34005043	exon=> In CDS Exon 2 of transcript AGAP003218-PA
JHU_Ag_10127	IKPHNGTDDAEEESVVPK	AGAP003218-PA	-	46	0.000420415	1	1964.958	1.12	Malpighian tubule	2R:-:34005276-34005420,34004455-34005151	exon=> In CDS Exon 2 and 1 of transcript AGAP003218-PA
JHU_Ag_10618	ATILDDAATGTNGER	AGAP003218-PA	-	87	3.16E-08	2	1504.726	1.58	Ovary	2R:-:34004039-34003995	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_12684	LFALNAQTMATYR	AGAP003218-PA	M9(Oxidation)	50	0.000166587	1	1515.761	-1.12	Ovary	2R:-:34001807-34001769	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_16659	TAETAYALKR	AGAP003218-PA	-	65	3.08E-06	1	1123.613	1.85	Malpighian tubule	2R:-:34005150-34005121	exon=> In CDS Exon 2 of transcript AGAP003218-PA
JHU_Ag_18991	AFLFSIVR	AGAP003218-PA	-	34	0.001410958	2	952.561	-0.45	Ovary	2R:-:34003730-34003707	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_21353	DAEDVRPEQLEQILR	AGAP003218-PA	-	62	8.64E-06	1	1810.929	-0.26	Ovary	2R:-:34002503-34002459	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_35276	RLDQALTAAFR	AGAP003218-PA	-	52	4.88E-05	1	1261.706	4.17	Ovary	2R:-:34002812-34002780	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_36620	ILVCGAIIK	AGAP003218-PA	C4(Carbamidomethyl)	30	0.005362861	1	986.610	3.14	Malpighian tubule	2R:-:34004907-34004881	exon=> In CDS Exon 2 of transcript AGAP003218-PA

JHU_Ag_37933	ACQFIVICSQVLGK	AGAP003218-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	39	0.001737441	2	1622.851	7.09	Malpighian tubule	2R:-:34002395-34002354	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_50659	VFWPVFEPVLNVPK	AGAP003218-PA	-	48	7.35E-05	1	1670.940	5.79	Salivary gland	2R:-:34004733-34004692	exon=> In CDS Exon 2 of transcript AGAP003218-PA
JHU_Ag_51956	IQTLQLLR	AGAP003218-PA	-	65	7.59E-07	2	984.624	3.56	Ovary	2R:-:34002143-34002120	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_60800	VFWPVFEPVLNVPK	AGAP003218-PA	-	61	4.73E-06	1	1670.932	0.97	Ovary	2R:-:34004733-34004692	exon=> In CDS Exon 2 of transcript AGAP003218-PA
JHU_Ag_67269	IKPHNGTDDAEEESVVPK	AGAP003218-PA	-	47	0.000381624	1	1964.957	0.54	Ovary	2R:-:34005276-34005420,340044 55-34005151	exon=> In CDS Exon 2 and 1 of transcript AGAP003218-PA
JHU_Ag_68251	LLHNLLTTLSAESLR	AGAP003218-PA	-	73	1.18E-07	2	1680.970	3.51	Ovary	2R:-:34004105-34004061	exon=> In CDS Exon 3 of transcript AGAP003218-PA
JHU_Ag_77414	GREDECPSVTELFTLVK	AGAP003218-PA	C6(Carbamidomethyl)	77	3.44E-07	1	1979.976	0.73	Ovary	2R:-:34005036-34004986	exon=> In CDS Exon 2 of transcript AGAP003218-PA
JHU_Ag_84323	GACGLIEFLCNGQK	AGAP003218-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	70	1.73E-06	2	1566.742	1.02	Ovary	2R:-:34005318-34005277	exon=> In CDS Exon 1 of transcript AGAP003218-PA
JHU_Ag_102842	SGLIDDASELELQTVLK	AGAP003218-PA	-	80	9.65E-08	2	1830.979	5.03	Malpighian tubule	2R:-:34004880-34004830	exon=> In CDS Exon 2 of transcript AGAP003218-PA
JHU_Ag_38607	GGPNQMNNRPIGSGGGGGGGVGGGGGGSGDRAPNR	AGAP003219-PA	M6(Oxidation), N7(Deamidated),M6(Oxidation)	103	6.94E-10	1	3051.404	4.22	Malpighian tubule	2R:+:34008393-34008480,340092 42-34009258	exon=> In CDS Exon 3 and 4 of transcript AGAP003219-PA
JHU_Ag_1110	VLQLDGMIVLNDRPEPLR	AGAP003219-PA,AGAP003219-PB	M7(Oxidation)	108	1.08E-10	1	2094.143	2.52	Head	2R:+:34007844-34007897;2R:+:34 007844-34007897	exon=> In CDS Exon 2 of transcript AGAP003219-PA;exon=> In CDS Exon 2 of transcript AGAP003219-PB
JHU_Ag_4035	GFCYVEFDTLEDLEK	AGAP003219-PA,AGAP003219-PB	C3(Carbamidomethyl)	132	5.67E-13	1	1864.833	1.21	Ovary	2R:+:34007799-34007843;2R:+:34 007799-34007843	exon=> In CDS Exon 2 of transcript AGAP003219-PA;exon=> In CDS Exon 2 of transcript AGAP003219-PB
JHU_Ag_19088	DAAPSNYPPPSNPNLNMEERPR	AGAP003219-PA,AGAP003219-PB	M17(Oxidation)	34	0.005451757	1	2482.149	2.79	Head	2R:+:34009469-34009534;2R:+:34 009469-34009534	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_34893	YGNFGDER	AGAP003219-PA,AGAP003219-PB	-	54	9.87E-06	2	957.405	-1.35	Ovary	2R:+:34009265-34009288;2R:+:34 009265-34009288	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_48116	DAAPSNYPPPSNPNLNMEERPR	AGAP003219-PA,AGAP003219-PB	M17(Oxidation)	75	4.89E-07	1	2482.143	0.5	Ovary	2R:+:34009469-34009534;2R:+:34 009469-34009534	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_49632	QSAAIFGNARPR	AGAP003219-PA,AGAP003219-PB	-	36	0.003516482	1	1287.690	-1.24	Ovary	2R:+:34009592-34009627;2R:+:34 009592-34009627	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_55344	STNAPLNALAETK	AGAP003219-PA,AGAP003219-PB	-	87	3.23E-08	1	1329.703	1.5	Malpighian tubule	2R:+:34009553-34009591;2R:+:34 009553-34009591	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_56187	DKETDVFK	AGAP003219-PA,AGAP003219-PB	-	59	2.00E-05	1	981.489	-0.11	Ovary	2R:+:34007775-34007798;2R:+:34 007775-34007798	exon=> In CDS Exon 2 of transcript AGAP003219-PA;exon=> In CDS Exon 2 of transcript AGAP003219-PB
JHU_Ag_59759	KPLPTEPPYLAYVGNLPNGVVQGDINAIFK	AGAP003219-PA,AGAP003219-PB	-	152	1.49E-15	1	3224.752	5.23	Ovary	2R:+:34007652-34007741;2R:+:34 007652-34007741	exon=> In CDS Exon 2 of transcript AGAP003219-PA;exon=> In CDS Exon 2 of transcript AGAP003219-PB
JHU_Ag_61666	DAAPSNYPPPSNPNLNMEERPR	AGAP003219-PA,AGAP003219-PB	-	39	0.00185706	1	2466.151	1.58	Malpighian tubule	2R:+:34009469-34009534;2R:+:34 009469-34009534	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_68126	STNAPLNALAETK	AGAP003219-PA,AGAP003219-PB	-	59	1.97E-05	2	1329.700	-0.33	Male reproductive organs	2R:+:34009553-34009591;2R:+:34 009553-34009591	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB

JHU_Ag_76710	STNAPLNALAETK	AGAP003219-PA,AGAP003219-PB	-	90	1.50E-08	1	1329.700	-0.61	Ovary	2R:+:34009553-34009591;2R:+:34009553-34009591	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_92301	DAAPSNYPPPSNPNLNMEERPR	AGAP003219-PA,AGAP003219-PB	M17(Oxidation)	44	0.000503518	1	2482.141	-0.39	Salivary gland	2R:+:34009469-34009534;2R:+:34009469-34009534	exon=> In CDS Exon 4 of transcript AGAP003219-PA;exon=> In CDS Exon 4 of transcript AGAP003219-PB
JHU_Ag_93428	VLQLDGMIVLNDRPEPLR	AGAP003219-PA,AGAP003219-PB	M7(Oxidation)	135	2.01E-13	1	2094.137	-0.54	Ovary	2R:+:34007844-34007897;2R:+:34007844-34007897	exon=> In CDS Exon 2 of transcript AGAP003219-PA;exon=> In CDS Exon 2 of transcript AGAP003219-PB
JHU_Ag_114257	ARKPLPTEPPYLAYVGNLPNGVVQGDINAIFK	AGAP003219-PA,AGAP003219-PB	-	76	3.57E-08	1	3451.904	8.74	Ovary	2R:+:34007646-34007741;2R:+:34007646-34007741	exon=> In CDS Exon 2 of transcript AGAP003219-PA;exon=> In CDS Exon 2 of transcript AGAP003219-PB
JHU_Ag_114329	GFCYVEFDTLEDLEK	AGAP003219-PA,AGAP003219-PB	C3(Carbamidomethyl)	97	1.80E-09	1	1864.836	2.92	Head	2R:+:34007799-34007843;2R:+:34007799-34007843	exon=> In CDS Exon 2 of transcript AGAP003219-PA;exon=> In CDS Exon 2 of transcript AGAP003219-PB
JHU_Ag_7344	DAHYEDLLGAYHGGLAEMLR	AGAP003220-PA	M18(Oxidation)	93	5.82E-09	1	2247.046	-1.64	Head	2R:-:34014902-34014843	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_20229	DLGSDPDTVFPR	AGAP003220-PA	-	66	3.41E-06	2	1318.630	1.7	Midgut	2R:-:34014842-34014807	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_22326	EQEPDRFHEIAQQHVEETYYSAR	AGAP003220-PA	-	43	0.000589791	1	2862.306	-0.67	Head	2R:-:34015292-34015224	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_43823	FHEIAQQHVEETYYSAR	AGAP003220-PA	-	85	4.98E-08	1	2107.983	-0.11	Head	2R:-:34015274-34015224	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_49523	AEGVGLEECKR	AGAP003220-PA	C9(Carbamidomethyl)	69	2.07E-06	1	1247.606	0.66	Malpighian tubule	2R:-:34015373-34015341	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_57896	DLGSDPDTVFPR	AGAP003220-PA	-	50	0.000142566	1	1318.629	0.87	Salivary gland	2R:-:34014842-34014807	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_76145	EQEPDRFHEIAQQHVEETYYSAR	AGAP003220-PA	-	111	9.57E-11	1	2862.317	3.12	Ovary	2R:-:34015292-34015224	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_80525	FHALSLAMK	AGAP003220-PA	M8(Oxidation)	39	0.002184058	1	1033.550	-0.35	Head	2R:-:34015319-34015293	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_93732	DLGSDPDTVFPR	AGAP003220-PA	-	64	6.19E-06	1	1318.629	1.33	Male reproductive organs	2R:-:34014842-34014807	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_100013	FHEIAQQHVEETYYSAR	AGAP003220-PA	-	98	2.59E-09	1	2107.983	0.06	Malpighian tubule	2R:-:34015274-34015224	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_100082	DLGSDPDTVFPR	AGAP003220-PA	-	56	4.18E-05	2	1318.630	1.7	Head	2R:-:34014842-34014807	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_109096	EQEPDRFHEIAQQHVEETYYSAR	AGAP003220-PA	-	44	0.000436061	1	2862.312	1.41	Salivary gland	2R:-:34015292-34015224	exon=> In CDS Exon 3 of transcript AGAP003220-PA
JHU_Ag_7984	IPETNFTKGDAYLSELYR	AGAP003220-PA,AGAP003220-PB	-	64	5.58E-06	1	2117.062	3.26	Ovary	2R:-:34015962-34015909;2R:-:34015962-34015909	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_18379	IQLTGEPAEPGRDEPLVVNVVVK	AGAP003220-PA,AGAP003220-PB	-	88	7.31E-09	1	2459.350	-0.32	Ovary	2R:-:34015908-34015840;2R:-:34015908-34015840	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_21141	IQLTGEPAEPGRDEPLVVNVVVK	AGAP003220-PA,AGAP003220-PB	-	50	3.77E-05	1	2459.353	0.95	Salivary gland	2R:-:34015908-34015840;2R:-:34015908-34015840	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_39823	GDAYLSELYR	AGAP003220-PA,AGAP003220-PB	-	61	8.17E-06	2	1186.573	-0.42	Ovary	2R:-:34015938-34015909;2R:-:34015938-34015909	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB

JHU_Ag_48413	IQLTGEPAEPGRDEPLVVNVVVK	AGAP003220-PA,AGAP003220-PB	-	90	3.97E-09	1	2459.354	1.32	Malpighian tubule	2R:-:34015908-34015840;2R:-:34015908-34015840	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_50785	FTEETLDEIVR	AGAP003220-PA,AGAP003220-PB	-	85	6.16E-08	2	1351.676	1.77	Malpighian tubule	2R:-:34016028-34015996;2R:-:34016028-34015996	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_55848	NEANFYNVVLK	AGAP003220-PA,AGAP003220-PB	-	57	2.67E-05	2	1310.676	1.6	Salivary gland	2R:-:34015782-34015750;2R:-:34015782-34015750	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_56286	NEANFYNVVLK	AGAP003220-PA,AGAP003220-PB	-	56	2.99E-05	2	1310.675	0.58	Ovary	2R:-:34015782-34015750;2R:-:34015782-34015750	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_58432	FTEETLDEIVR	AGAP003220-PA,AGAP003220-PB	-	83	9.46E-08	1	1351.674	-0.13	Ovary	2R:-:34016028-34015996;2R:-:34016028-34015996	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_64738	SADFFRNEANFYNVVLK	AGAP003220-PA,AGAP003220-PB	-	47	0.000325918	3	2034.015	3.33	Ovary	2R:-:34015800-34015750;2R:-:34015800-34015750	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_85533	NEANFYNVVLK	AGAP003220-PA,AGAP003220-PB	-	67	2.62E-06	2	1310.674	0.39	Midgut	2R:-:34015782-34015750;2R:-:34015782-34015750	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_94617	IQLTGEPAEPGRDEPLVVNVVVK	AGAP003220-PA,AGAP003220-PB	-	63	1.71E-06	1	2459.363	4.97	Head	2R:-:34015908-34015840;2R:-:34015908-34015840	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_100076	NEANFYNVVLK	AGAP003220-PA,AGAP003220-PB	-	60	1.41E-05	2	1310.677	2.07	Male reproductive organs	2R:-:34015782-34015750;2R:-:34015782-34015750	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_110101	FTEETLDEIVR	AGAP003220-PA,AGAP003220-PB	-	83	8.08E-08	2	1351.673	-0.49	Male reproductive organs	2R:-:34016028-34015996;2R:-:34016028-34015996	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_112117	GDAYLSELYR	AGAP003220-PA,AGAP003220-PB	-	54	3.78E-05	2	1186.574	0.3	Midgut	2R:-:34015938-34015909;2R:-:34015938-34015909	exon=> In CDS Exon 1 of transcript AGAP003220-PA;exon=> In CDS Exon 1 of transcript AGAP003220-PB
JHU_Ag_8115	HLFDEVIGPR	AGAP003221-PA	-	40	0.001037716	2	1182.627	-0.11	Head	2R:+:34025199-34025228	exon=> In CDS Exon 5 of transcript AGAP003221-PA
JHU_Ag_32246	SPVFSHLSATLSGLSTIR	AGAP003221-PA	-	37	0.001155228	1	1873.027	5.08	Malpighian tubule	2R:+:34026349-34026402	exon=> In CDS Exon 7 of transcript AGAP003221-PA
JHU_Ag_36404	ASGVQEKIR	AGAP003221-PA	Q5(Deamidated)	51	0.000149984	2	988.542	0.05	Malpighian tubule	2R:+:34026403-34026429	exon=> In CDS Exon 7 of transcript AGAP003221-PA
JHU_Ag_39311	SPVFSHLSATLSGLSTIR	AGAP003221-PA	-	70	6.67E-07	1	1873.023	2.93	Head	2R:+:34026349-34026402	exon=> In CDS Exon 7 of transcript AGAP003221-PA
JHU_Ag_45260	DMVEATGPSESESLK	AGAP003221-PA	M2(Oxidation)	69	1.05E-06	2	1595.712	0.63	Head	2R:+:34027583-34027627	exon=> In CDS Exon 9 of transcript AGAP003221-PA
JHU_Ag_37795	FTEGSNLK	AGAP003224-PA	N6(Deamidated)	40	0.001001383	1	896.437	0.62	Pupa	2R:-:34032470-34032447	exon=> In CDS Exon 3 of transcript AGAP003224-PA

JHU_Ag_47369	SSALGTHR	AGAP003224-PA	-	34	0.002162 96	2	828.434	1.51	Head	2R:-:34032209-34032186	exon=> In CDS Exon 3 of transcript AGAP003224-PA
JHU_Ag_7808	GFSPQDEAINVTNK	AGAP003226-PA	-	81	1.43E-07	2	1519.740	0.91	Male reproductive organs	2R:-:34047050-34047009	exon=> In CDS Exon 3 of transcript AGAP003226-PA
JHU_Ag_13168	TELNIAATR	AGAP003226-PA	-	60	1.91E-05	2	988.543	0.79	Male reproductive organs	2R:-:34037891-34037865	exon=> In CDS Exon 12 of transcript AGAP003226-PA
JHU_Ag_20420	LLQDHNDLTSAR	AGAP003226-PA	-	45	0.000398 385	1	1382.703	0.35	Male reproductive organs	2R:-:34039041-34039006	exon=> In CDS Exon 10 of transcript AGAP003226-PA
JHU_Ag_24011	YGSQPPIELLR	AGAP003226-PA	-	67	2.54E-06	2	1272.695	0.32	Male reproductive organs	2R:-:34041500-34041468	exon=> In CDS Exon 8 of transcript AGAP003226-PA
JHU_Ag_25295	ADKHEYFTVSR	AGAP003226-PA	-	39	0.002248 468	1	1352.657	-1.83	Male reproductive organs	2R:-:34047598-34047566	exon=> In CDS Exon 2 of transcript AGAP003226-PA
JHU_Ag_27050	AAEQELGEVMQLLK	AGAP003226-PA	M10(Oxidation)	51	0.000124 657	2	1574.812	1.69	Male reproductive organs	2R:-:34039167-34039126	exon=> In CDS Exon 10 of transcript AGAP003226-PA
JHU_Ag_33268	ISAELLPTPK	AGAP003226-PA	-	65	1.38E-06	2	1068.630	0.06	Male reproductive organs	2R:-:34041182-34041153	exon=> In CDS Exon 8 of transcript AGAP003226-PA
JHU_Ag_38277	TLQNEEELGLLPK	AGAP003226-PA	-	57	1.87E-05	2	1483.803	1.82	Male reproductive organs	2R:-:34042045-34042614,34039567-34041921	exon=> In CDS Exon 8 and 7 of transcript AGAP003226-PA
JHU_Ag_53497	LGDVDVDYDSNFR	AGAP003226-PA	-	53	3.97E-05	2	1514.677	0.72	Male reproductive organs	2R:-:34038343-34038305	exon=> In CDS Exon 11 of transcript AGAP003226-PA
JHU_Ag_60879	VVMSDVNFLK	AGAP003226-PA	M3(Oxidation)	56	3.07E-05	2	1167.610	1.63	Male reproductive organs	2R:-:34039473-34039444	exon=> In CDS Exon 9 of transcript AGAP003226-PA
JHU_Ag_82958	AVATSIEYDELHPSLLQR	AGAP003226-PA	-	41	0.000995 821	1	2042.057	0.88	Male reproductive organs	2R:-:34036157-34036104	exon=> In CDS Exon 12 of transcript AGAP003226-PA
JHU_Ag_88823	TFPISVLQNSVK	AGAP003226-PA	-	45	0.000227 271	2	1332.753	0.74	Male reproductive organs	2R:-:34036865-34036830	exon=> In CDS Exon 12 of transcript AGAP003226-PA
JHU_Ag_89614	ELNYAYEALK	AGAP003226-PA	-	40	0.001125 622	2	1213.610	-0.34	Male reproductive organs	2R:-:34046021-34045992	exon=> In CDS Exon 4 of transcript AGAP003226-PA
JHU_Ag_93332	DEAEAKIK	AGAP003226-PA	-	41	0.001556 883	1	903.484	6.64	Midgut	2R:-:34039781-34039758	exon=> In CDS Exon 8 of transcript AGAP003226-PA
JHU_Ag_100114	DCLIDLSER	AGAP003226-PA	C2(Carbamidomethyl)	44	0.000530 364	2	1120.530	-0.03	Male reproductive organs	2R:-:34045665-34045639	exon=> In CDS Exon 5 of transcript AGAP003226-PA
JHU_Ag_106060	IVVFIDDVNMPK	AGAP003226-PA	M10(Oxidation)	58	2.05E-05	2	1405.741	0.63	Male reproductive organs	2R:-:34041545-34041510	exon=> In CDS Exon 8 of transcript AGAP003226-PA
JHU_Ag_107374	IAMGLQTVDTNFR	AGAP003226-PA	M3(Oxidation)	56	4.33E-05	2	1481.743	0.81	Male reproductive organs	2R:-:34036931-34036893	exon=> In CDS Exon 12 of transcript AGAP003226-PA
JHU_Ag_4408	SDEQLSFGLIK	AGAP003227-PA	-	75	4.03E-07	2	1236.650	2.3	Male reproductive organs	2R:-:34049501-34049738,34049025-34049394	exon=> In CDS Exon 2 and 1 of transcript AGAP003227-PA
JHU_Ag_14289	GLYGSDVYCSR	AGAP003227-PA	C9(Carbamidomethyl)	67	1.57E-06	2	1276.562	-0.5	Male reproductive organs	2R:-:34049111-34049079	exon=> In CDS Exon 2 of transcript AGAP003227-PA
JHU_Ag_66025	AGEIITEILR	AGAP003227-PA	-	48	0.000158 421	2	1114.646	-0.38	Male reproductive organs	2R:-:34048860-34048831	exon=> In CDS Exon 3 of transcript AGAP003227-PA
JHU_Ag_99245	AEALLHIGEILTK	AGAP003227-PA	-	57	4.28E-06	1	1407.825	3.11	Male reproductive organs	2R:-:34049393-34049355	exon=> In CDS Exon 2 of transcript AGAP003227-PA
JHU_Ag_117334	FERPNCEEFLEVYK	AGAP003227-PA	C6(Carbamidomethyl)	64	5.22E-06	1	1859.865	0.92	Male reproductive organs	2R:-:34048794-34048753	exon=> In CDS Exon 3 of transcript AGAP003227-PA
JHU_Ag_1089	RLHVWDLSK	AGAP003228-PA	-	51	4.06E-05	1	1153.650	1.86	Ovary	2R:+:34051921-34051947	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_1219	GDRADGAEAFDDAVEER	AGAP003228-PA	N-Term(Acetyl)	60	6.67E-06	2	1864.797	1.23	Salivary gland	2R:+:34050776-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA
JHU_Ag_1515	ADGAEAFDDAVEER	AGAP003228-PA	-	117	9.88E-12	1	1494.634	-0.54	Ovary	2R:+:34050785-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA

JHU_Ag_2047	LHSFESHRDEIFQVQWSPHNETILASSGTDR	AGAP003228-PA	-	40	0.001215016	1	3623.719	-2.02	Ovary	2R:+:34051828-34051920	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_2621	IGEEQSAEDAEDGPPELLFIHGGHTAK	AGAP003228-PA	-	103	7.25E-10	1	2847.338	-1.74	Head	2R:+:34051948-34052028	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_3872	NIFTGHTAVVEDVAWHLLHESLFGSVADDQK	AGAP003228-PA	-	51	8.38E-05	1	3435.702	1.56	Salivary gland	2R:+:34051561-34051653	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_9337	RLHVWDLSK	AGAP003228-PA	-	42	0.000375181	1	1153.649	0.91	Salivary gland	2R:+:34051921-34051947	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_18003	NIFTGHTAVVEDVAWHLLHESLFGSVADDQK	AGAP003228-PA	-	182	6.22E-18	1	3435.704	1.98	Ovary	2R:+:34051561-34051653	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_22088	INHEGEVNRAR	AGAP003228-PA	N8(Deamidated)	36	0.003875859	1	1295.634	-8.64	Visceras	2R:+:34051261-34051293	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_22781	TVALWDLR	AGAP003228-PA	-	39	0.001417002	2	973.549	2.03	Ovary	2R:+:34051789-34051812	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_23424	GEFGGFGSVSGK	AGAP003228-PA	-	46	0.000283686	2	1128.533	0.5	Pupa	2R:+:34051207-34051242	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_24435	TPSSDVLVFDYTK	AGAP003228-PA	-	99	1.67E-09	1	1471.732	0.38	Ovary	2R:+:34051330-34051368	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_32264	TVALWDLR	AGAP003228-PA	-	52	7.85E-05	2	973.546	-0.16	Salivary gland	2R:+:34051789-34051812	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_41261	ADGAEAFDDAVEER	AGAP003228-PA	-	85	1.59E-08	1	1494.637	1.58	Head	2R:+:34050785-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA
JHU_Ag_43158	TVALWDLR	AGAP003228-PA	-	48	0.000200441	2	973.546	-0.29	Midgut	2R:+:34051789-34051812	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_48978	LHVWDLSK	AGAP003228-PA	-	42	0.000417816	1	997.546	-0.21	Ovary	2R:+:34051924-34051947	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_49285	YMPQNPCVIATK	AGAP003228-PA	M2(Oxidation), C7(Carbamidomethyl)	45	0.000397124	1	1437.682	-2.87	Ovary	2R:+:34051294-34051329	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_49426	IGEEQSAEDAEDGPPELLFIHGGHTAK	AGAP003228-PA	-	130	1.44E-12	1	2847.351	2.7	Ovary	2R:+:34051948-34052028	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_50371	IGEEQSAEDAEDGPPELLFIHGGHTAK	AGAP003228-PA	-	73	6.11E-07	1	2847.344	0.26	Midgut	2R:+:34051948-34052028	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_51617	GDRADGAEAFDDAVEER	AGAP003228-PA	N-Term(Acetyl)	153	3.27E-15	1	1864.797	1.1	Malpighian tubule	2R:+:34050776-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA
JHU_Ag_55504	INHEGEVNRAR	AGAP003228-PA	N8(Deamidated)	38	0.002162416	1	1295.636	-7.41	Pupa	2R:+:34051261-34051293	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_60727	LILGTHTSDEQNHLLIASVQLPNEDAQFDTGHYDNEK	AGAP003228-PA	-	211	9.02E-21	1	4162.992	-0.73	Ovary	2R:+:34051096-34051206	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_63911	INHEGEVNRAR	AGAP003228-PA	N8(Deamidated)	33	0.007289141	1	1295.635	-8.16	Head	2R:+:34051261-34051293	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_71904	ADGAEAFDDAVEER	AGAP003228-PA	-	90	5.07E-09	2	1494.635	0.52	Salivary gland	2R:+:34050785-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA
JHU_Ag_72317	GDRADGAEAFDDAVEER	AGAP003228-PA	N-Term(Acetyl)	85	2.21E-08	1	1864.803	4.31	Ovary	2R:+:34050776-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA
JHU_Ag_78667	TVALWDLR	AGAP003228-PA	-	43	0.000658876	2	973.547	0.34	Pupa	2R:+:34051789-34051812	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_80049	IEIEIK	AGAP003228-PA	-	43	0.000274258	2	744.449	-1.61	Head	2R:+:34051243-34051260	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_80312	HPSKPEPSGECHPDLR	AGAP003228-PA	C11(Carbamidomethyl)	71	1.03E-06	1	1842.851	-2.18	Ovary	2R:+:34051369-34051416	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_84636	GEFGGFGSVSGK	AGAP003228-PA	-	91	7.55E-09	1	1128.531	-0.59	Ovary	2R:+:34051207-34051242	exon=> In CDS Exon 2 of transcript AGAP003228-PA

JHU_Ag_86110	IEIEIK	AGAP003228-PA	-	32	0.003229679	2	744.450	-0.22	Ovary	2R:+:34051243-34051260	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_89199	TPSSDVLVFDYTK	AGAP003228-PA	-	73	6.00E-07	1	1471.733	0.87	Head	2R:+:34051330-34051368	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_96432	RLHVWDLSK	AGAP003228-PA	-	46	0.000167974	1	1153.649	0.79	Malpighian tubule	2R:+:34051921-34051947	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_97445	TVALWDLR	AGAP003228-PA	-	46	0.000277963	1	973.546	-0.41	Male reproductive organs	2R:+:34051789-34051812	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_99211	HPSKPEPSGECHPDLR	AGAP003228-PA	C11(Carbamidomethyl)	42	0.00083982	1	1842.857	1	Visceras	2R:+:34051369-34051416	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_102567	ADGAEAFDDAVEER	AGAP003228-PA	-	60	5.55E-06	2	1494.634	-0.13	Midgut	2R:+:34050785-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA
JHU_Ag_105088	IEIEIK	AGAP003228-PA	-	41	0.000687081	1	744.459	11.69	Male reproductive organs	2R:+:34051243-34051260	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_107827	IGEEQSAEDAEDGPPELLFIHGGHTAK	AGAP003228-PA	-	122	9.29E-12	1	2847.344	0.26	Salivary gland	2R:+:34051948-34052028	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_111821	TPSSDVLVFDYTK	AGAP003228-PA	-	93	5.96E-09	1	1471.731	-0.04	Midgut	2R:+:34051330-34051368	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_114697	IGEEQSAEDAEDGPPELLFIHGGHTAK	AGAP003228-PA	-	161	1.03E-15	1	2847.347	1.16	Malpighian tubule	2R:+:34051948-34052028	exon=> In CDS Exon 2 of transcript AGAP003228-PA
JHU_Ag_115232	ADGAEAFDDAVEER	AGAP003228-PA	-	54	2.13E-05	2	1494.635	0.68	Male reproductive organs	2R:+:34050785-34050794,34050914-34050945	exon=> In CDS Exon 1 and 2 of transcript AGAP003228-PA
JHU_Ag_180	KPEDEPTETAEEK	AGAP003229-PA	-	32	0.006886457	2	1502.700	9.24	Head	2R:-:34053653-34053615	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_7887	KFGSAQTGTPTTTSSSSSATATDTPAASSGTAATDK	AGAP003229-PA	-	54	5.22E-05	1	3349.552	0.25	Head	2R:-:34053380-34053273	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_25357	FGLAASSSPAPSATANGAGK	AGAP003229-PA	-	83	7.93E-08	2	1761.877	0.17	Malpighian tubule	2R:-:34053092-34053033	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_31299	DLTDPVVEEDHILNSPTPSDTR	AGAP003229-PA	-	113	8.10E-11	1	2450.179	4.35	Head	2R:-:34053746-34053681	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_44763	FGLTSASSITSAGNSTPASLEALKK	AGAP003229-PA	-	140	8.80E-14	1	2438.273	-1.95	Ovary	2R:-:34053251-34053177	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_45647	LGQLTALER	AGAP003229-PA	-	58	1.74E-05	2	1000.580	1.08	Malpighian tubule	2R:-:34053425-34053399	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_47115	LGQLTALER	AGAP003229-PA	-	38	0.002116295	2	1000.581	2.11	Ovary	2R:-:34053425-34053399	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_50696	FGLAASSSPAPSATANGAGK	AGAP003229-PA	N16(Deamidated)	69	2.33E-06	2	1762.864	1.76	Salivary gland	2R:-:34053092-34053033	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_50776	VATGSVDYAEK	AGAP003229-PA	-	67	2.93E-06	1	1139.557	-0.99	Ovary	2R:-:34053032-34053000	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_84451	FGLAASSSPAPSATANGAGK	AGAP003229-PA	N16(Deamidated)	104	7.59E-10	1	1762.863	1.48	Ovary	2R:-:34053092-34053033	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_87961	KFGSAQTGTPTTTSSSSSATATDTPAASSGTAATDK	AGAP003229-PA	-	68	2.02E-06	3	3349.599	14.13	Ovary	2R:-:34053380-34053273	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_91716	QPFSSAQSAGASNSGSDGEPEKK	AGAP003229-PA	-	60	1.13E-05	1	2266.018	-1.72	Ovary	2R:-:34053503-34053435	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_91835	NISITKPTLAPETTVGSEAPK	AGAP003229-PA	-	99	5.32E-10	1	2154.173	3.56	Ovary	2R:-:34053575-34053513	exon=> In CDS Exon 3 of transcript AGAP003229-PA
JHU_Ag_3003	DSEEFALLEQYVR	AGAP003230-PA	-	77	3.16E-07	1	1598.771	0.74	Ovary	2R:+:34057391-34057429	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_3869	TYELEVAEIFR	AGAP003230-PA	-	52	8.72E-05	2	1369.695	-3.82	Midgut	2R:+:34057454-34057486	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_3935	VCDTLMFGALER	AGAP003230-PA	C2(Carbamidomethyl), M6(Oxidation)	44	0.000435209	2	1427.666	0.42	Ovary	2R:+:34055780-34055815	exon=> In CDS Exon 3 of transcript AGAP003230-PA

JHU_Ag_17176	TAVEAQSLKDYGVEYAPSGR	AGAP003230-PA	-	38	0.002284683	1	2141.061	4.84	Malpighian tubule	2R:+:34055183-34055242	exon=> In CDS Exon 2 of transcript AGAP003230-PA
JHU_Ag_18397	FHDVIYNCVLNK	AGAP003230-PA	C8(Carbamidomethyl)	50	0.000157274	2	1521.755	1.83	Ovary	2R:+:34056542-34056577	exon=> In CDS Exon 3 of transcript AGAP003230-PA
JHU_Ag_21995	LAPAVQDLVR	AGAP003230-PA	-	31	0.003009393	2	1081.637	0.49	Ovary	2R:+:34056959-34056988	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_28566	VLSEISTLIGSGGSNAEFIAASNR	AGAP003230-PA	-	93	5.19E-09	1	2393.236	2.04	Ovary	2R:+:34057100-34057171	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_32211	DSEEFALLEQYVR	AGAP003230-PA	-	37	0.0030166	1	1598.780	6.54	Malpighian tubule	2R:+:34057391-34057429	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_43519	TAVEAQSLKDYGVEYAPSGR	AGAP003230-PA	-	36	0.004069282	1	2141.053	0.99	Ovary	2R:+:34055183-34055242	exon=> In CDS Exon 2 of transcript AGAP003230-PA
JHU_Ag_44031	IASHTAAIISTPEEVER	AGAP003230-PA	-	47	0.000218507	2	1823.955	2.62	Malpighian tubule	2R:+:34056203-34056253	exon=> In CDS Exon 3 of transcript AGAP003230-PA
JHU_Ag_55116	SKLAPAVQDLVR	AGAP003230-PA	Q8(Deamidated)	34	0.001030018	1	1297.763	11.65	Salivary gland	2R:+:34056953-34056988	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_56774	SGLVVDPDSGLADK	AGAP003230-PA	-	36	0.004234904	2	1372.698	1.83	Ovary	2R:+:34056485-34056526	exon=> In CDS Exon 3 of transcript AGAP003230-PA
JHU_Ag_67897	FYSYIPHNFGVSSVK	AGAP003230-PA	-	49	0.00017741	1	1744.869	-0.04	Ovary	2R:+:34057172-34057216	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_70588	LAPAVQDLVR	AGAP003230-PA	-	33	0.001699458	2	1081.639	2.63	Malpighian tubule	2R:+:34056959-34056988	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_73528	KSELIEILSLNK	AGAP003230-PA	-	73	9.13E-08	2	1386.825	3.2	Ovary	2R:+:34055705-34055740	exon=> In CDS Exon 3 of transcript AGAP003230-PA
JHU_Ag_93246	IASHTAAIISTPEEVER	AGAP003230-PA	-	71	8.77E-07	1	1823.953	1.89	Ovary	2R:+:34056203-34056253	exon=> In CDS Exon 3 of transcript AGAP003230-PA
JHU_Ag_106075	LTNFAGILTNGLK	AGAP003230-PA	-	89	5.30E-09	1	1361.781	1.3	Ovary	2R:+:34057568-34057606	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_106268	TYELEVAEIFR	AGAP003230-PA	-	74	3.93E-07	2	1369.701	0.72	Ovary	2R:+:34057454-34057486	exon=> In CDS Exon 4 of transcript AGAP003230-PA
JHU_Ag_41205	IIPVDIYVPGCPPTAEALIYGVLQLQK	AGAP003231-PA	C11(Carbamidomethyl)	30	0.001904381	3	2967.637	3.66	Visceras	2R:-:34059056-34058976	exon=> In CDS Exon 1 of transcript AGAP003231-PA
JHU_Ag_44444	IIPVDIYVPGCPPTAEALIYGVLQLQK	AGAP003231-PA	C11(Carbamidomethyl)	36	0.000584881	1	2967.629	0.7	Midgut	2R:-:34059056-34058976	exon=> In CDS Exon 1 of transcript AGAP003231-PA
JHU_Ag_74227	IIPVDIYVPGCPPTAEALIYGVLQLQK	AGAP003231-PA	C11(Carbamidomethyl)	69	2.94E-07	1	2967.627	0.2	Ovary	2R:-:34059056-34058976	exon=> In CDS Exon 1 of transcript AGAP003231-PA
JHU_Ag_9753	KNDLHPSLWFVFDK	AGAP003232-PA	-	78	2.22E-07	1	1745.912	6.22	Ovary	2R:+:34061643-34061668,34062484-34062499	exon=> In CDS Exon 4 and 5 of transcript AGAP003232-PA
JHU_Ag_56916	YLDDHPEQLDSEAFKR	AGAP003236-PA	-	82	8.44E-08	1	1962.924	2.28	Malpighian tubule	2R:+:34316693-34316740	exon=> In CDS Exon 2 of transcript AGAP003236-PA
JHU_Ag_63669	ISDVQLSTPDHLDGFMSTIHK	AGAP003236-PA	M16(Oxidation)	52	0.00010306	1	2357.141	-1.31	Head	2R:+:34316045-34316107	exon=> In CDS Exon 1 of transcript AGAP003236-PA
JHU_Ag_29768	SVRFVDWCPTGFK	AGAP003237-PA	C8(Carbamidomethyl)	53	8.92E-05	1	1598.779	0.28	Head	2R:+:34318949-34318987	exon=> In CDS Exon 4 of transcript AGAP003237-PA
JHU_Ag_107251	SVRFVDWCPTGFK	AGAP003237-PA	C8(Carbamidomethyl)	65	4.44E-06	1	1598.767	-7.48	Midgut	2R:+:34318949-34318987	exon=> In CDS Exon 4 of transcript AGAP003237-PA
JHU_Ag_116716	AFVHWFVGEGMEMQEFSEAR	AGAP003237-PA	M11(Oxidation),M13(Oxidation)	30	0.005752741	1	2403.037	-6.84	Head	2R:+:34319211-34319270	exon=> In CDS Exon 5 of transcript AGAP003237-PA
JHU_Ag_113842	RYAVNTEK	AGAP003238-PA	-	38	0.002132579	2	980.515	-1.33	Head	2R:-:34331995-34331972	exon=> In CDS Exon 2 of transcript AGAP003238-PA

JHU_Ag_2412	SGEIIVTVQGDLSQQEK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	Q9(Deamidated)	74	5.69E-07	2	1830.948	2.17	Head	2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD
JHU_Ag_6182	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	38	0.001948 59	1	1807.860	5.42	Larva	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_7540	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	109	1.46E-10	2	1545.834	-2.94	Midgut	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_13791	AVFLTVHDLGTNHSSFEEFVNSACMIEIK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C24(Carbamidomethyl), M25(Oxidation)	62	8.36E-06	1	3311.584	3.83	Salivary gland	2R:-:34330993-34331020,34330699-34330767;2R:-:34330993-34331020,34330699-34330767	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PD
JHU_Ag_16998	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	86	2.48E-08	2	1545.844	3.54	Malpighian tubule	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_18067	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	122	6.35E-12	1	1545.845	4.09	Male reproductive organs	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_22435	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	116	2.46E-11	1	1545.840	0.93	Salivary gland	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_32926	FGLAHPSR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	48	0.000111 748	1	884.474	0.06	Malpighian tubule	2R:-:34326449-34326426;2R:-:34329965-34329942;2R:-:34326449-34326426	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD

JHU_Ag_39483	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	109	1.42E-10	1	1807.851	0.53	Male reproductive organs	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_41206	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	50	8.62E-05	2	1545.847	5.59	Larva	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_41433	FGLAHPSR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	51	4.77E-05	1	884.474	0.33	Salivary gland	2R:-:34326449-34326426;2R:-:34329965-34329942;2R:-:34326449-34326426	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_44197	SGEIIVTVQGDLSQQEKR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	129	1.56E-12	1	1987.046	0.44	Midgut	2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD
JHU_Ag_45118	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	96	3.27E-09	2	1807.852	1.28	Malpighian tubule	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_45481	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	67	2.45E-06	2	1807.854	2.42	Pupa	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_48526	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	103	6.54E-10	1	1807.855	3.1	Midgut	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_52381	SGEIIVTVQGDLSQQEK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	62	8.44E-06	2	1830.951	3.51	Male reproductive organs	2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD

JHU_Ag_53460	FISWKGDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	55	4.57E-05	1	2469.218	3.68	Head	2R:-:34326356-34326294;2R:-:34329872-34329810;2R:-:34326356-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_53964	AVFLTVHDLGTNHSSFEEFVNSACMIEIK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C24(Carbamidomethyl), M25(Oxidation)	57	2.88E-05	1	3311.577	1.67	Midgut	2R:-:34330993-34331020,34330699-34330767;2R:-:34330993-34331020,34330699-34330767;2R:-:34330993-34331020,34330699-34330767	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PD
JHU_Ag_66305	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	82	6.03E-08	2	1545.840	0.93	Visceras	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_69244	FGLAHPSR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	64	2.91E-06	2	884.470	-4.22	Head	2R:-:34326449-34326426;2R:-:34329965-34329942;2R:-:34326449-34326426	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_83986	SGEIIVTVQGDLSQQEK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	Q9(Deamidated)	94	5.72E-09	2	1830.947	1.37	Midgut	2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD
JHU_Ag_84471	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	126	3.06E-12	1	1807.854	2.15	Salivary gland	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_86323	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	123	6.19E-12	1	1807.858	4.31	Head	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_86775	FISWKGDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	58	2.62E-05	1	2469.213	1.7	Pupa	2R:-:34326356-34326294;2R:-:34329872-34329810;2R:-:34326356-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD

JHU_Ag_91891	GDEVGQSAEDFLLYHK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	94	4.99E-09	2	1807.859	5.12	Ovary	2R:-:34326341-34326294;2R:-:34329857-34329810;2R:-:34326341-34326294	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_93191	SGEIIVTVQGDLSQQEK	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	97	3.04E-09	2	1830.953	4.71	Salivary gland	2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997;2R:-:34331971-34331995,34330957-34330997	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD
JHU_Ag_95544	SGEIIVTVQGDLSQQEKR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	82	7.40E-08	1	1987.043	-1.22	Salivary gland	2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD
JHU_Ag_101186	SGEIIVTVQGDLSQQEKR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	47	0.000220448	1	1987.050	2.28	Male reproductive organs	2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD
JHU_Ag_107761	SGEIIVTVQGDLSQQEKR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	91	9.17E-09	1	1987.049	1.8	Head	2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD
JHU_Ag_108739	SGEIIVTVQGDLSQQEKR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	93	5.77E-09	1	1987.048	1.12	Malpighian tubule	2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994;2R:-:34331971-34331995,34330957-34330994	exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003238-PD

JHU_Ag_113105	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	115	3.20E-11	1	1545.839	0.06	Head	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_116317	YVIGVGEGAGANVLAR	AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	60	9.29E-06	2	1545.840	1.17	Pupa	2R:-:34326497-34326450;2R:-:34330013-34329966;2R:-:34326497-34326450	exon=> In CDS Exon 5 of transcript AGAP003238-PA;exon=> In CDS Exon 5 of transcript AGAP003238-PC;exon=> In CDS Exon 5 of transcript AGAP003238-PD
JHU_Ag_204	GQGLLTSVAMPGVDR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	M10(Oxidation)	72	9.42E-07	1	1516.779	0.38	Male reproductive organs	2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_1172	LSVTINEQLPPIKK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	48	2.06E-05	1	1579.944	1.38	Salivary gland	2R:-:34321739-34321698;2R:-:34321739-34321698;2R:-:34321739-34321698;2R:-:34321739-34321698	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_10625	IVSEFQSR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	50	0.000141863	1	965.505	0.32	Malpighian tubule	2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_13018	AFSTSSSGSTEGSTGAR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	93	4.67E-09	2	1589.712	5.26	Male reproductive organs	2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_13736	VDCLLITGIMSPYASVVEK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C3(Carbamidomethyl), M10(Oxidation),C3(Carbamidomethyl)	108	1.97E-10	1	2111.075	-0.43	Head	2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099	exon=> In CDS Exon 3 of transcript AGAP003238-PB;exon=> In CDS Exon 7 of transcript AGAP003238-PA;exon=> In CDS Exon 7 of transcript AGAP003238-PC;exon=> In CDS Exon 7 of transcript AGAP003238-PD

JHU_Ag_15848	IVSEFQSR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	40	0.00168924	2	965.506	0.89	Pupa	2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_16717	IVSEFQSR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	53	7.76E-05	2	965.507	2.21	Visceras	2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_17046	AFSTSSSGSTEGSTGAR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	111	6.62E-11	2	1589.705	0.49	Head	2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_22198	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	76	1.07E-07	2	1178.660	-0.14	Midgut	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_23505	LHSSLNSK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	53	3.78E-05	1	885.480	1.38	Head	2R:-:34322329-34322306;2R:-:34322329-34322306;2R:-:34322329-34322306;2R:-:34322329-34322306	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_27061	IVSEFQSR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	41	0.00139457	2	965.504	-0.82	Head	2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_28499	GQGLLTSVAMPGVDR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	M10(Oxidation)	63	8.07E-06	1	1516.783	2.47	Malpighian tubule	2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD

JHU_Ag_29561	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	60	9.06E-06	2	1027.540	-1.79	Male reproductive organs	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD
JHU_Ag_30123	VDCLLITGIMSPYASVVEK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C3(Carbamidomethyl), M10(Oxidation)	46	0.000322535	1	2111.089	6.05	Larva	2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099	exon=> In CDS Exon 3 of transcript AGAP003238-PB;exon=> In CDS Exon 7 of transcript AGAP003238-PA;exon=> In CDS Exon 7 of transcript AGAP003238-PC;exon=> In CDS Exon 7 of transcript AGAP003238-PD
JHU_Ag_33061	GQGLLTSVAMPGVDR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	M10(Oxidation)	58	2.73E-05	2	1516.781	1.58	Salivary gland	2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_37413	NLKQYVK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	45	0.000204097	1	892.525	0.38	Malpighian tubule	2R:-:34322305-34322285;2R:-:34322305-34322285;2R:-:34322305-34322285	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_42735	GQGLLTSVAMPGVDR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	M10(Oxidation)	54	6.50E-05	2	1516.776	-1.88	Ovary	2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_44183	GQGLLTSVAMPGVDR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	M10(Oxidation)	67	3.16E-06	1	1516.782	2.23	Head	2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD

JHU_Ag_46209	VDCLLITGIMSPYASVVEK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C3(Carbamidomethyl), M10(Oxidation)	96	3.54E-09	1	2111.076	-0.08	Male reproductive organs	2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099	exon=> In CDS Exon 3 of transcript AGAP003238-PB;exon=> In CDS Exon 7 of transcript AGAP003238-PA;exon=> In CDS Exon 7 of transcript AGAP003238-PC;exon=> In CDS Exon 7 of transcript AGAP003238-PD
JHU_Ag_54371	GQGLLTSVAMPGVDR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	M10(Oxidation)	65	5.40E-06	2	1516.777	-1.39	Midgut	2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_58013	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	78	1.32E-07	2	1027.541	-0.84	Pupa	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD
JHU_Ag_58590	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	90	5.82E-09	2	1178.663	2.04	Salivary gland	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_60491	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	78	9.96E-08	1	1178.663	1.93	Malpighian tubule	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_60932	VTLLKVER	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	65	1.11E-06	2	957.610	0.88	Malpighian tubule	2R:-:34322071-34322048;2R:-:34322071-34322048;2R:-:34322071-34322048;2R:-:34322071-34322048	exon=> In CDS Exon 3 of transcript AGAP003238-PB;exon=> In CDS Exon 7 of transcript AGAP003238-PA;exon=> In CDS Exon 7 of transcript AGAP003238-PC;exon=> In CDS Exon 7 of transcript AGAP003238-PD

JHU_Ag_66565	LSVTINEQLPPIKK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	74	4.69E-08	1	1579.940	-0.94	Head	2R:-:34321739-34321698;2R:-:34321739-34321698;2R:-:34321739-34321698	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_69786	AFSTSSSGSTEGSTGAR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	107	1.44E-10	2	1589.704	0.11	Visceras	2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_76379	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	71	7.10E-07	2	1027.541	-0.72	Head	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD
JHU_Ag_78655	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	73	4.70E-07	1	1027.543	1.26	Malpighian tubule	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD
JHU_Ag_81105	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	67	1.82E-06	2	1027.542	0.12	Midgut	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD

JHU_Ag_81722	VDCLLITGIMSPYASVVEK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C3(Carbamidomethyl), M10(Oxidation),C3(Carbamidomethyl)	94	4.87E-09	2	2095.088	2.97	Salivary gland	2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099	exon=> In CDS Exon 3 of transcript AGAP003238-PB;exon=> In CDS Exon 7 of transcript AGAP003238-PA;exon=> In CDS Exon 7 of transcript AGAP003238-PC;exon=> In CDS Exon 7 of transcript AGAP003238-PD
JHU_Ag_82757	LHSSLNSK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	44	0.000257449	1	885.479	0.41	Midgut	2R:-:34322329-34322306;2R:-:34322329-34322306;2R:-:34322329-34322306;2R:-:34322329-34322306	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_83120	LSVTINEQLPPIKK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	36	0.000291705	1	1579.944	1.53	Malpighian tubule	2R:-:34321739-34321698;2R:-:34321739-34321698;2R:-:34321739-34321698;2R:-:34321739-34321698	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_83569	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	71	4.14E-07	2	1178.662	1.62	Visceras	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_84939	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	52	5.64E-05	1	1027.542	-0.05	Salivary gland	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD
JHU_Ag_87434	GQGLLTSVAMPGVDR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	M10(Oxidation)	59	1.90E-05	1	1516.789	6.33	Larva	2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851;2R:-:34321895-34321851	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD

JHU_Ag_89551	VDCLLITGIMSPYASVVEK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C3(Carbamidomethyl), M10(Oxidation),C3(Carbamidomethyl)	102	9.96E-10	2	2111.073	-1.58	Midgut	2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099	exon=> In CDS Exon 3 of transcript AGAP003238-PB;exon=> In CDS Exon 7 of transcript AGAP003238-PA;exon=> In CDS Exon 7 of transcript AGAP003238-PC;exon=> In CDS Exon 7 of transcript AGAP003238-PD
JHU_Ag_91728	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	69	6.38E-07	2	1178.660	-0.04	Male reproductive organs	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_92627	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	69	5.86E-07	2	1178.660	-0.04	Ovary	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_102629	AFSTSSSGSTEGSTGAR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	125	2.72E-12	1	1589.704	0.11	Salivary gland	2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_104003	AFSTSSSGSTEGSTGAR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	107	1.70E-10	2	1589.707	1.72	Malpighian tubule	2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794;2R:-:34321844-34321794	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_104846	VDCLLITGIMSPYASVVEK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C3(Carbamidomethyl), M10(Oxidation)	79	1.76E-07	1	2111.078	0.96	Ovary	2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099;2R:-:34322155-34322099	exon=> In CDS Exon 3 of transcript AGAP003238-PB;exon=> In CDS Exon 7 of transcript AGAP003238-PA;exon=> In CDS Exon 7 of transcript AGAP003238-PC;exon=> In CDS Exon 7 of transcript AGAP003238-PD
JHU_Ag_105692	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	43	0.000285206	2	1178.664	2.97	Larva	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD

JHU_Ag_111308	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	67	1.91E-06	2	1027.542	0.23	Ovary	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD
JHU_Ag_111654	LSVTINEQLPPIK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	45	7.80E-05	2	1451.847	0.32	Head	2R:-:34321739-34321701;2R:-:34321739-34321701;2R:-:34321739-34321701	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_112701	AGDVLADAPAK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	47	0.000170142	2	1027.543	1.3	Visceras	2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926;2R:-:34322047-34322186,34321695-34321926	exon=> In CDS Exon 4 and 3 of transcript AGAP003238-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP003238-PD
JHU_Ag_113423	VAQSILLFCK	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	C9(Carbamidomethyl)	42	0.000285293	2	1178.672	10.01	Head	2R:-:34321925-34321896;2R:-:34321925-34321896;2R:-:34321925-34321896	exon=> In CDS Exon 4 of transcript AGAP003238-PB;exon=> In CDS Exon 8 of transcript AGAP003238-PA;exon=> In CDS Exon 8 of transcript AGAP003238-PC;exon=> In CDS Exon 8 of transcript AGAP003238-PD
JHU_Ag_113480	IVSEFQSR	AGAP003238-PB,AGAP003238-PA,AGAP003238-PC,AGAP003238-PD	-	52	0.000107835	2	965.503	-2.27	Salivary gland	2R:-:34322353-34322330;2R:-:34322353-34322330;2R:-:34322353-34322330	exon=> In CDS Exon 2 of transcript AGAP003238-PB;exon=> In CDS Exon 6 of transcript AGAP003238-PA;exon=> In CDS Exon 6 of transcript AGAP003238-PC;exon=> In CDS Exon 6 of transcript AGAP003238-PD
JHU_Ag_1978	FGYQLVGDNPDKEK	AGAP003238-PC	-	91	1.42E-08	1	1609.784	-0.86	Midgut	2R:-:34329809-34330083,34322274-34322354	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC
JHU_Ag_30210	FGYQLVGDNPDKEK	AGAP003238-PC	-	102	1.12E-09	1	1609.786	0.38	Salivary gland	2R:-:34329809-34330083,34322274-34322354	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC

JHU_Ag_50677	FGYQLVGDNPDKEK	AGAP003238-PC	-	67	3.53E-06	1	1609.786	0.35	Ovary	2R:-:34329809-34330083,34322274-34322354	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC
JHU_Ag_73610	FGYQLVGDNPDK	AGAP003238-PC	-	36	0.004284367	2	1352.644	-3.1	Malpighian tubule	2R:-:34329809-34330083,34322274-34322360	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC
JHU_Ag_81277	FGYQLVGDNPDKEK	AGAP003238-PC	-	69	1.79E-06	3	1609.786	0.16	Malpighian tubule	2R:-:34329809-34330083,34322274-34322354	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC
JHU_Ag_89181	FGYQLVGDNPDKEK	AGAP003238-PC	-	85	4.95E-08	1	1609.785	-0.71	Head	2R:-:34329809-34330083,34322274-34322354	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC
JHU_Ag_98692	FGYQLVGDNPDK	AGAP003238-PC	-	77	3.05E-07	2	1352.645	-2.29	Head	2R:-:34329809-34330083,34322274-34322360	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC
JHU_Ag_98832	FGYQLVGDNPDK	AGAP003238-PC	-	38	0.002864154	2	1352.650	1.05	Midgut	2R:-:34329809-34330083,34322274-34322360	exon=> In CDS Exon 6 and 5 of transcript AGAP003238-PC
JHU_Ag_35443	VNDTASAIPVGSPSAK	AGAP003238-PC,AGAP003238-PD	-	95	4.34E-09	2	1513.789	2.14	Malpighian tubule	2R:-:34347524-34347477;2R:-:34347524-34347477	exon=> In CDS Exon 1 of transcript AGAP003238-PC;exon=> In CDS Exon 1 of transcript AGAP003238-PD
JHU_Ag_51837	VNDTASAIPVGSPSAK	AGAP003238-PC,AGAP003238-PD	N2(Deamidated)	95	4.24E-09	2	1513.788	1.58	Head	2R:-:34347524-34347477;2R:-:34347524-34347477	exon=> In CDS Exon 1 of transcript AGAP003238-PC;exon=> In CDS Exon 1 of transcript AGAP003238-PD
JHU_Ag_82618	MEKPKVNDTASAIPVGSPSAK	AGAP003238-PC,AGAP003238-PD	N-Term(Acetyl), M1(Oxidation)	61	8.80E-06	1	2185.120	1.2	Malpighian tubule	2R:-:34347539-34347477;2R:-:34347539-34347477	exon=> In CDS Exon 1 of transcript AGAP003238-PC;exon=> In CDS Exon 1 of transcript AGAP003238-PD
JHU_Ag_105584	VSLPEGSQVGDLNLWNLEHPR	AGAP003239-PA	-	56	3.46E-05	1	2360.205	2.4	Visceras	2R:+:34372528-34372590	exon=> In CDS Exon 2 of transcript AGAP003239-PA
JHU_Ag_108943	VSLPEGSQVGDLNLWNLEHPR	AGAP003239-PA	-	60	1.30E-05	1	2360.206	2.87	Head	2R:+:34372528-34372590	exon=> In CDS Exon 2 of transcript AGAP003239-PA
JHU_Ag_13308	GGPMVLGTDGTDFEHR	AGAP003240-PA	M4(Oxidation)	73	4.73E-07	1	1704.767	1.56	Ovary	2R:+:34374243-34374290	exon=> In CDS Exon 1 of transcript AGAP003240-PA
JHU_Ag_15898	VAAHYQISALNK	AGAP003240-PA	-	75	4.69E-07	1	1314.720	2.68	Larva	2R:+:34374297-34374319,34375171-34375183	exon=> In CDS Exon 1 and 2 of transcript AGAP003240-PA
JHU_Ag_29480	VAAHYQISALNK	AGAP003240-PA	-	64	5.27E-06	2	1314.715	-1.22	Head	2R:+:34374297-34374319,34375171-34375183	exon=> In CDS Exon 1 and 2 of transcript AGAP003240-PA
JHU_Ag_102780	DELDDLEDEQR	AGAP003242-PA	-	81	2.50E-08	2	1376.584	2.09	Head	2R:-:34393463-34393431	exon=> In CDS Exon 3 of transcript AGAP003242-PA
JHU_Ag_41271	NGSVNGPSR	AGAP003244-PB	N5(Deamidated)	33	0.003144445	1	888.424	8.26	Pupa	2R:-:34418222-34418196	exon=> In CDS Exon 4 of transcript AGAP003244-PB
JHU_Ag_114021	GGILLK	AGAP003249-PA,AGAP012614-PA	-	30	0.005226321	1	600.410	2.74	Larva	2R:-:34469544-34469527;UNKN:-:20408697-20408680	exon=> In CDS Exon 4 of transcript AGAP003249-PA;exon=> In CDS Exon 1 of transcript AGAP012614-PA
JHU_Ag_2269	TSLPESPNCGVQLTDR	AGAP003250-PA	C9(Carbamidomethyl)	57	3.36E-05	2	1773.856	6.82	Larva	2R:-:34472880-34472833	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_11301	TSLPESPNCGVQLTDR	AGAP003250-PA	C9(Carbamidomethyl)	104	5.52E-10	1	1773.845	0.9	Pupa	2R:-:34472880-34472833	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_24082	VIGGQPTK	AGAP003250-PA	-	41	0.000493378	2	799.467	-0.84	Head	2R:-:34472832-34472809	exon=> In CDS Exon 3 of transcript AGAP003250-PA

JHU_Ag_25392	HAGLSSYAAGWGK	AGAP003250-PA	-	76	4.26E-07	2	1304.636	-1.89	Pupa	2R:-:34472343-34472305	exon=> In CDS Exon 4 of transcript AGAP003250-PA
JHU_Ag_35394	VIGGQPTKIDEFPWTALIEYEKPNGR	AGAP003250-PA	N24(Deamidated)	46	0.000210292	1	2959.519	-0.4	Pupa	2R:-:34472832-34472755	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_35962	IIVHPGYNLQDK	AGAP003250-PA	-	66	2.41E-06	1	1396.758	-0.1	Pupa	2R:-:34472487-34472452	exon=> In CDS Exon 4 of transcript AGAP003250-PA
JHU_Ag_39420	ECQPLVDIYNKPVNTPDDTQFLTESR	AGAP003250-PA	C2(Carbamidomethyl)	146	3.13E-14	1	3079.471	0.93	Head	2R:-:34473326-34473249	exon=> In CDS Exon 2 of transcript AGAP003250-PA
JHU_Ag_46323	ECQPLVDIYNKPVNTPDDTQFLTESR	AGAP003250-PA	C2(Carbamidomethyl)	130	1.22E-12	1	3079.474	2	Pupa	2R:-:34473326-34473249	exon=> In CDS Exon 2 of transcript AGAP003250-PA
JHU_Ag_60479	FGFHCGGSVINER	AGAP003250-PA	C5(Carbamidomethyl)	86	3.21E-08	1	1479.681	0.93	Pupa	2R:-:34472754-34472716	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_62434	IDEFPWTALIEYEKPNGR	AGAP003250-PA	N16(Deamidated)	62	8.90E-06	1	2178.098	5.08	Pupa	2R:-:34472808-34472755	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_71119	IIVHPGYNLQDK	AGAP003250-PA	-	72	6.11E-07	1	1396.763	3.04	Head	2R:-:34472487-34472452	exon=> In CDS Exon 4 of transcript AGAP003250-PA
JHU_Ag_79794	YILTAAHCITSIPR	AGAP003250-PA	C8(Carbamidomethyl)	79	1.79E-07	1	1615.862	-0.23	Male reproductive organs	2R:-:34472715-34472674	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_83955	YILTAAHCITSIPR	AGAP003250-PA	C8(Carbamidomethyl)	82	8.62E-08	2	1615.866	1.86	Head	2R:-:34472715-34472674	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_85642	FGFHCGGSVINER	AGAP003250-PA	C5(Carbamidomethyl)	97	2.42E-09	1	1479.678	-1.05	Head	2R:-:34472754-34472716	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_88221	SHHNDIALIR	AGAP003250-PA	-	46	0.000401875	2	1175.627	-0.45	Head	2R:-:34472451-34472422	exon=> In CDS Exon 4 of transcript AGAP003250-PA
JHU_Ag_94621	TSLPESPNCGVQLTDR	AGAP003250-PA	C9(Carbamidomethyl)	59	1.64E-05	2	1773.842	-0.75	Male reproductive organs	2R:-:34472880-34472833	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_95231	TSLPESPNCGVQLTDR	AGAP003250-PA	C9(Carbamidomethyl)	82	9.91E-08	1	1773.848	2.48	Head	2R:-:34472880-34472833	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_95361	YILTAAHCITSIPR	AGAP003250-PA	C8(Carbamidomethyl)	98	2.09E-09	1	1615.863	0.2	Pupa	2R:-:34472715-34472674	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_98865	IIVHPGYNLQDK	AGAP003250-PA	-	38	0.001595 66	1	1396.759	0.16	Male reproductive organs	2R:-:34472487-34472452	exon=> In CDS Exon 4 of transcript AGAP003250-PA
JHU_Ag_101340	FGFHCGGSVINER	AGAP003250-PA	C5(Carbamidomethyl)	43	0.000582385	1	1479.683	2.17	Larva	2R:-:34472754-34472716	exon=> In CDS Exon 3 of transcript AGAP003250-PA
JHU_Ag_105123	NGISLDSTQMCAGGIR	AGAP003250-PA	C11(Carbamidomethyl)	113	7.12E-11	1	1679.783	-0.7	Head	2R:-:34472217-34472170	exon=> In CDS Exon 4 of transcript AGAP003250-PA
JHU_Ag_107623	ECQPLVDIYNKPVNTPDDTQFLTESR	AGAP003250-PA	C2(Carbamidomethyl)	39	0.001863519	1	3079.479	3.66	Larva	2R:-:34473326-34473249	exon=> In CDS Exon 2 of transcript AGAP003250-PA
JHU_Ag_115885	KTLVCCAGVR	AGAP003250-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	37	0.003406198	1	1163.603	0.11	Pupa	2R:-:34473230-34473385,34472663-34472893	exon=> In CDS Exon 3 and 2 of transcript AGAP003250-PA
JHU_Ag_34488	DTCSGDSGGPLMR	AGAP003250-PA,AGAP012614-PA,AGAP003249-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M12(Oxidation)"	49	4.55E-05	1	1352.558	0.76	Head	2R:-:34472163-34472125;UNKN:-:20408643-20408605;2R:-:34469490-34469452	exon=> In CDS Exon 4 of transcript AGAP003250-PA;exon=> In CDS Exon 1 of transcript AGAP012614-PA;exon=> In CDS Exon 4 of transcript AGAP003249-PA
JHU_Ag_76770	LEIIPTQLCAGGEK	AGAP003251-PA	C9(Carbamidomethyl)	54	4.75E-05	2	1528.804	0.22	Pupa	2R:+:34476983-34477024	exon=> In CDS Exon 4 of transcript AGAP003251-PA
JHU_Ag_72623	NVLLK	AGAP003251-PA,AGAP007728-PA,AGAP000763-PA	N1(Deamidated)	39	0.000844096	1	587.377	1.6	Salivary gland	2R:+:34476109-34476123;2L:-:49343117-49343103;X:+:13796102-13796116	exon=> In CDS Exon 2 of transcript AGAP003251-PA;exon=> In CDS Exon 1 of transcript AGAP007728-PA;exon=> In CDS Exon 5 of transcript AGAP000763-PA
JHU_Ag_81239	TLQDIR	AGAP003255-PA	Q3(Deamidated)	39	0.003013363	2	746.406	2.31	Larva	2R:-:34491949-34491932	exon=> In CDS Exon 1 of transcript AGAP003255-PA

JHU_Ag_114295	TLQDIR	AGAP003255-PA	Q3(Deamidated)	45	0.000780272	2	746.404	0.1	Salivary gland	2R:-:34491949-34491932	exon=> In CDS Exon 1 of transcript AGAP003255-PA
JHU_Ag_3483	SKFPTGLEALN	AGAP003257-PA	-	42	0.000877853	2	1176.629	2.74	Midgut	2R:-:34497148-34497116	exon=> In CDS Exon 3 of transcript AGAP003257-PA
JHU_Ag_21582	FFGTIGALFSGAATEISDEMK	AGAP003257-PA	M20(Oxidation)	113	8.08E-11	2	2192.057	-0.32	Midgut	2R:-:34497537-34497475	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_26789	AILSYLIDAYRPGHTLYPNIPK	AGAP003257-PA	-	81	1.96E-08	1	2515.394	9.19	Malpighian tubule	2R:-:34497660-34497595	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_49952	ALTDLEHYLTR	AGAP003257-PA	-	90	1.59E-08	1	1331.695	-0.24	Midgut	2R:-:34497459-34497427	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_50915	VLHHDLGSFYPK	AGAP003257-PA	-	58	1.96E-05	1	1412.731	-0.81	Midgut	2R:-:34497573-34497538	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_59180	LNAWYESCR	AGAP003257-PA	C8(Carbamidomethyl)	47	0.000150095	2	1198.530	-0.67	Midgut	2R:-:34497235-34497209	exon=> In CDS Exon 3 of transcript AGAP003257-PA
JHU_Ag_70489	PAPTLYYFPMSPPAR	AGAP003257-PA	M10(Oxidation)	61	1.57E-05	2	1707.854	-1.16	Midgut	2R:-:34497941-34497897	exon=> In CDS Exon 1 of transcript AGAP003257-PA
JHU_Ag_70614	MNPEHTIPTLDDNGFYLGESR	AGAP003257-PA	M1(Oxidation)	82	7.08E-08	1	2422.096	-0.84	Midgut	2R:-:34497723-34497661	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_72924	AILSYLIDAYRPGHTLYPNIPK	AGAP003257-PA	-	60	4.09E-06	1	2515.371	-0.03	Midgut	2R:-:34497660-34497595	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_74465	LNAWYESCR	AGAP003257-PA	C8(Carbamidomethyl)	53	3.79E-05	2	1198.533	1.77	Malpighian tubule	2R:-:34497235-34497209	exon=> In CDS Exon 3 of transcript AGAP003257-PA
JHU_Ag_98414	AILSYLIDAYRPGHTLYPNIPK	AGAP003257-PA	-	34	0.001271976	1	2515.383	4.92	Larva	2R:-:34497660-34497595	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_108458	ALTDLEHYLTR	AGAP003257-PA	-	47	0.000377871	2	1331.690	-4.18	Malpighian tubule	2R:-:34497459-34497427	exon=> In CDS Exon 2 of transcript AGAP003257-PA
JHU_Ag_909	DCYAFDSPDYEAATTAR	AGAP003261-PA	C2(Carbamidomethyl)	66	6.86E-07	2	1952.798	0.83	Visceras	2R:+:34562335-34562385	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_13153	CPQTTPRPVPTTTPAPR	AGAP003261-PA	C1(Carbamidomethyl)	38	0.00216198	1	1876.973	1.73	Head	2R:+:34564292-34564342	exon=> In CDS Exon 3 of transcript AGAP003261-PA
JHU_Ag_17950	CPQTTPRPVPTTTPAPR	AGAP003261-PA	C1(Carbamidomethyl)	45	0.000464223	1	1876.975	2.61	Visceras	2R:+:34564292-34564342	exon=> In CDS Exon 3 of transcript AGAP003261-PA
JHU_Ag_21067	GTYPSISPIPSIIK	AGAP003261-PA	-	50	6.80E-05	1	1472.838	1.09	Ovary	2R:+:34562224-34562265	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_22981	MQVFLK	AGAP003261-PA	-	39	0.001515005	2	765.432	-0.58	Visceras	2R:+:34562524-34562541	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_26942	GTYPSISPIPSIIK	AGAP003261-PA	-	65	2.12E-06	1	1472.837	0.6	Head	2R:+:34562224-34562265	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_39730	TTQTGSSGATLVVHNSIK	AGAP003261-PA	-	96	3.71E-09	2	1800.950	2.93	Head	2R:+:34562449-34562502	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_44839	DCYAFDSPDYEAATTAR	AGAP003261-PA	C2(Carbamidomethyl)	147	6.95E-15	1	1952.800	1.64	Head	2R:+:34562335-34562385	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_48554	DCYAFDSPDYEAATTAR	AGAP003261-PA	C2(Carbamidomethyl)	64	1.38E-06	2	1952.801	1.96	Malpighian tubule	2R:+:34562335-34562385	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_51200	MQVFLK	AGAP003261-PA	-	38	0.001964603	2	765.435	3.49	Malpighian tubule	2R:+:34562524-34562541	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_52317	RGTRPPRPVETTPATAPPR	AGAP003261-PA	-	32	0.002888641	1	2057.136	-0.13	Visceras	2R:+:34562767-34562823	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_53224	MQVFLK	AGAP003261-PA	-	37	0.002245303	2	765.434	1.89	Salivary gland	2R:+:34562524-34562541	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_61119	MQVFLK	AGAP003261-PA	-	37	0.002340318	2	765.433	0.06	Ovary	2R:+:34562524-34562541	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_96879	MQVFLK	AGAP003261-PA	-	43	0.000608715	2	765.432	-1.45	Head	2R:+:34562524-34562541	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_99077	AAGGHDHTHIETIDVK	AGAP003261-PA	-	69	1.60E-06	1	1700.836	0.21	Head	2R:+:34561789-34561836	exon=> In CDS Exon 2 of transcript AGAP003261-PA

JHU_Ag_105961	MQVFLK	AGAP003261-PA	-	37	0.002357296	2	765.432	-0.58	Midgut	2R:+:34562524-34562541	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_112870	GTYPSISPIPSIIK	AGAP003261-PA	-	69	8.62E-07	1	1472.838	1.09	Pupa	2R:+:34562224-34562265	exon=> In CDS Exon 2 of transcript AGAP003261-PA
JHU_Ag_9265	LGVTDLDNEEQYR	AGAP003264-PA	-	82	9.16E-08	1	1551.729	0.53	Salivary gland	2R:+:34605559-34605597	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_10133	EVEEIYGQVLQK	AGAP003264-PA	-	63	8.11E-06	2	1434.749	1.24	Ovary	2R:+:34605757-34605792	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_13151	YATVGYVSVYQYYSYPNK	AGAP003264-PA	-	72	8.46E-07	2	2165.029	2.89	Ovary	2R:+:34605118-34605171	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_14940	DNITDITFEEPIEAIQHIR	AGAP003264-PA	-	79	2.30E-07	1	2254.135	0.14	Ovary	2R:+:34605352-34605408	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_15490	LLAGFSK	AGAP003264-PA	-	31	0.002619949	1	735.440	-0.09	Ovary	2R:+:34605463-34605483	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_20111	ISQILILPPFQK	AGAP003264-PA	-	56	1.33E-06	2	1396.862	4.24	Malpighian tubule	2R:+:34605184-34605219	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_25416	YELENNNGSVEGDVSNVR	AGAP003264-PA	N7(Deamidated)	47	0.000179773	2	1995.884	-2.39	Salivary gland	2R:+:34605064-34605117	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_37113	DNITDITFEEPIEAIQHIR	AGAP003264-PA	-	35	0.004715595	1	2254.141	2.49	Head	2R:+:34605352-34605408	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_51301	ISQILILPPFQK	AGAP003264-PA	-	43	2.87E-05	2	1396.862	4.32	Ovary	2R:+:34605184-34605219	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_53600	HSTYDYFR	AGAP003264-PA	-	34	0.001527777	1	1088.476	-3.19	Head	2R:+:34605247-34605249,34605325-34605345	exon=> In CDS Exon 1 and 2 of transcript AGAP003264-PA
JHU_Ag_54291	IESLNAEYK	AGAP003264-PA	-	45	0.000398385	2	1066.542	0.46	Ovary	2R:+:34605730-34605756	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_56157	HSTYDYFR	AGAP003264-PA	-	39	0.000473653	1	1088.480	0.18	Ovary	2R:+:34605247-34605249,34605325-34605345	exon=> In CDS Exon 1 and 2 of transcript AGAP003264-PA
JHU_Ag_63922	SLASIVENASYYTNLDEFKR	AGAP003264-PA	-	45	0.000462514	1	2320.150	1.98	Male reproductive organs	2R:+:34604764-34604823	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_64814	SLASIVENASYYTNLDEFKR	AGAP003264-PA	-	37	0.003038485	1	2320.155	4.11	Midgut	2R:+:34604764-34604823	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_70452	IESLNAEYKEVEEIYGQVLQK	AGAP003264-PA	-	45	0.000341433	1	2482.282	4.29	Pupa	2R:+:34605730-34605792	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_71919	GYVSYALDCTR	AGAP003264-PA	C9(Carbamidomethyl)	72	6.62E-07	1	1304.595	1.06	Ovary	2R:+:34604503-34604535	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_84689	LGVTDLDNEEQYR	AGAP003264-PA	-	105	4.96E-10	2	1551.728	-0.34	Ovary	2R:+:34605559-34605597	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_84913	VVYEILR	AGAP003264-PA	-	42	0.000320223	2	891.530	-0.31	Male reproductive organs	2R:+:34605538-34605558	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_86454	YELENNNGSVEGDVSNVR	AGAP003264-PA	N7(Deamidated)	101	8.92E-10	1	1994.900	-2.33	Male reproductive organs	2R:+:34605064-34605117	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_92071	VVYEILR	AGAP003264-PA	-	44	0.000203448	1	891.530	-0.37	Ovary	2R:+:34605538-34605558	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_93487	VDEFKHPLDGTEPGSR	AGAP003264-PA	-	90	1.74E-08	1	1783.863	1.14	Ovary	2R:+:34604869-34604916	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_93620	ISQILILPPFQK	AGAP003264-PA	-	54	2.25E-06	2	1396.862	4.32	Male reproductive organs	2R:+:34605184-34605219	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_96388	IESLNAEYKEVEEIYGQVLQK	AGAP003264-PA	-	51	8.79E-05	1	2482.287	6.21	Ovary	2R:+:34605730-34605792	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_100098	SLASIVENASYYTNLDEFKR	AGAP003264-PA	-	109	1.84E-10	1	2320.149	1.35	Ovary	2R:+:34604764-34604823	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_103441	VEIDPLWLFFTVYER	AGAP003264-PA	-	90	1.28E-08	1	1926.998	-0.85	Ovary	2R:+:34605019-34605063	exon=> In CDS Exon 1 of transcript AGAP003264-PA

JHU_Ag_107580	YELENNNGSVEGDVSNVR	AGAP003264-PA	-	147	2.55E-14	1	1994.905	0	Ovary	2R:+:34605064-34605117	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_111172	LGVTDLDNEEQYR	AGAP003264-PA	-	71	1.26E-06	2	1551.730	0.84	Male reproductive organs	2R:+:34605559-34605597	exon=> In CDS Exon 2 of transcript AGAP003264-PA
JHU_Ag_113909	ISQILILPPFQK	AGAP003264-PA	-	41	5.36E-05	2	1396.861	3.45	Pupa	2R:+:34605184-34605219	exon=> In CDS Exon 1 of transcript AGAP003264-PA
JHU_Ag_65207	DRVQLK	AGAP003266-PA	-	32	0.008721888	1	758.452	0.24	Midgut	2R:+:34610592-34610609	exon=> In CDS Exon 3 of transcript AGAP003266-PA
JHU_Ag_84426	GMASNPMAQHDQPQQLSSLFSNEEEREDLK	AGAP003269-PA	M2(Oxidation), M7(Oxidation)	59	1.31E-05	1	3448.551	3.85	Head	2R:+:34736209-34736298	exon=> In CDS Exon 3 of transcript AGAP003269-PA
JHU_Ag_26330	TTAEEVNQKLK	AGAP003271-PA	N7(Deamidated), Q8(Deamidated)	39	0.002071395	1	1262.659	9.1	Malpighian tubule	2R:-:34748597-34748565	exon=> In CDS Exon 10 of transcript AGAP003271-PA
JHU_Ag_28873	KELNLLQK	AGAP003271-PA	N4(Deamidated), Q7(Deamidated)	54	3.64E-05	2	987.579	6.98	Head	2R:-:34756336-34756313	exon=> In CDS Exon 7 of transcript AGAP003271-PA
JHU_Ag_37079	LLLIR	AGAP003271-PA	-	20	0.005597189	1	627.458	3.92	Head	2R:-:34747976-34747962	exon=> In CDS Exon 10 of transcript AGAP003271-PA
JHU_Ag_107842	IQIILK	AGAP003271-PA	Q2(Deamidated)	42	3.44E-05	1	728.491	-1.32	Male reproductive organs	2R:-:34748363-34748346	exon=> In CDS Exon 10 of transcript AGAP003271-PA
JHU_Ag_8162	LMAETIQLR	AGAP003273-PA	M2(Oxidation), Q7(Deamidated)	41	0.000960675	1	1091.583	5.92	Salivary gland	2R:+:34771630-34771656	exon=> In CDS Exon 2 of transcript AGAP003273-PA
JHU_Ag_16539	LMAETIQLR	AGAP003273-PA	M2(Oxidation), Q7(Deamidated)	42	0.000856202	1	1091.583	6.09	Visceras	2R:+:34771630-34771656	exon=> In CDS Exon 2 of transcript AGAP003273-PA
JHU_Ag_68337	LMAETIQLR	AGAP003273-PA	M2(Oxidation), Q7(Deamidated)	44	0.000545032	1	1091.584	6.84	Malpighian tubule	2R:+:34771630-34771656	exon=> In CDS Exon 2 of transcript AGAP003273-PA
JHU_Ag_115935	LMAETIQLR	AGAP003273-PA	M2(Oxidation), Q7(Deamidated)	41	0.001113791	1	1091.580	3.49	Head	2R:+:34771630-34771656	exon=> In CDS Exon 2 of transcript AGAP003273-PA
JHU_Ag_8345	SSQTSPAPTFHAAPAFDYPSPPVVPAEPEANLFK	AGAP003274-PA	-	35	0.003470775	1	3567.740	-0.78	Ovary	2R:+:34778097-34778198	exon=> In CDS Exon 5 of transcript AGAP003274-PA
JHU_Ag_9121	LRELLLEHSK	AGAP003274-PA	-	31	0.002289929	2	1237.730	3.17	Malpighian tubule	2R:+:34778660-34778689	exon=> In CDS Exon 6 of transcript AGAP003274-PA
JHU_Ag_10471	SYLKDSNIR	AGAP003274-PA	-	53	5.30E-05	1	1095.582	2.73	Malpighian tubule	2R:+:34777599-34777625	exon=> In CDS Exon 4 of transcript AGAP003274-PA
JHU_Ag_18257	TVADTNDDLPVLSESEK	AGAP003274-PA	-	99	2.04E-09	2	1832.881	2.5	Malpighian tubule	2R:+:34778573-34778623	exon=> In CDS Exon 6 of transcript AGAP003274-PA
JHU_Ag_19426	RPSIGVLHGDRDSK	AGAP003274-PA	-	69	1.17E-06	1	1536.826	1.22	Malpighian tubule	2R:+:34775653-34775694	exon=> In CDS Exon 2 of transcript AGAP003274-PA
JHU_Ag_27268	AGGEPEELLEEEAKAPGHAIR	AGAP003274-PA	-	71	1.08E-06	1	2203.109	4.52	Malpighian tubule	2R:+:34775695-34775757	exon=> In CDS Exon 2 of transcript AGAP003274-PA
JHU_Ag_51699	DSLLGLSEPLPR	AGAP003274-PA	-	54	2.29E-05	2	1296.716	0.48	Ovary	2R:+:34774674-34774693,34775601-34775616	exon=> In CDS Exon 1 and 2 of transcript AGAP003274-PA
JHU_Ag_56258	TVADTNDDLPVLSESEKQQLEVK	AGAP003274-PA	-	99	1.61E-09	1	2558.291	2.93	Malpighian tubule	2R:+:34778573-34778641	exon=> In CDS Exon 6 of transcript AGAP003274-PA
JHU_Ag_62047	LAPNILMLGYK	AGAP003274-PA	M7(Oxidation)	48	0.000102859	2	1248.708	5.05	Malpighian tubule	2R:+:34777704-34777736	exon=> In CDS Exon 4 of transcript AGAP003274-PA
JHU_Ag_65196	SSQTSPAPTFHAAPAFDYPSPPVVPAEPEANLFKQK	AGAP003274-PA	-	51	5.93E-05	1	3823.913	4.24	Malpighian tubule	2R:+:34778097-34778204	exon=> In CDS Exon 5 of transcript AGAP003274-PA
JHU_Ag_72046	IVDGVDFDQGAR	AGAP003274-PA	-	85	5.01E-08	1	1291.632	3.65	Malpighian tubule	2R:+:34777638-34777673	exon=> In CDS Exon 4 of transcript AGAP003274-PA
JHU_Ag_73597	IVDGVDFDQGAR	AGAP003274-PA	-	64	7.16E-06	1	1291.628	-0.04	Ovary	2R:+:34777638-34777673	exon=> In CDS Exon 4 of transcript AGAP003274-PA
JHU_Ag_80792	AGGEPEELLEEEAK	AGAP003274-PA	-	45	0.000380505	2	1500.716	6.24	Malpighian tubule	2R:+:34775695-34775736	exon=> In CDS Exon 2 of transcript AGAP003274-PA
JHU_Ag_87308	AGGEPEELLEEEAK	AGAP003274-PA	-	34	0.004643054	2	1500.710	2.42	Larva	2R:+:34775695-34775736	exon=> In CDS Exon 2 of transcript AGAP003274-PA

JHU_Ag_101816	SSQTSPAPTFHAAPAFDYPSPPVVPAEPEANLFK	AGAP003274-PA	-	108	1.55E-10	1	3567.760	4.66	Malpighian tubule	2R:+:34778097-34778198	exon=> In CDS Exon 5 of transcript AGAP003274-PA
JHU_Ag_107635	SASLIVMSMPVPR	AGAP003274-PA	M7(Oxidation), M9(Oxidation)	72	1.11E-06	2	1419.739	4.07	Malpighian tubule	2R:+:34778690-34778728	exon=> In CDS Exon 6 of transcript AGAP003274-PA
JHU_Ag_109215	DSLLGLSEPLPR	AGAP003274-PA	-	50	6.12E-05	2	1296.721	3.86	Malpighian tubule	2R:+:34774674-34774693,34775601-34775616	exon=> In CDS Exon 1 and 2 of transcript AGAP003274-PA
JHU_Ag_111675	TALNSTLNLEGTSDHVK	AGAP003274-PA	-	113	7.27E-11	1	1799.921	3.96	Malpighian tubule	2R:+:34777380-34777430	exon=> In CDS Exon 4 of transcript AGAP003274-PA
JHU_Ag_117699	CLIQSTGFGR	AGAP003274-PA	C1(Carbamidomethyl)	56	4.88E-05	2	1138.569	1.52	Malpighian tubule	2R:+:34777674-34777703	exon=> In CDS Exon 4 of transcript AGAP003274-PA
JHU_Ag_33633	RVAEEEAR	AGAP003276-PA	-	41	0.001319886	2	959.489	-1.8	Head	2R:-:34790849-34790826	exon=> In CDS Exon 3 of transcript AGAP003276-PA
JHU_Ag_4172	AIGGTPVLNGEYMVDCSLIPSLPK	AGAP003277-PC	C16(Carbamidomethyl)," M13(Oxidation), C16(Carbamidomethyl)"," N9(Deamidated), C16(Carbamidomethyl)"," N9(Deamidated), M13(Oxidation), C16(Carbamidomethyl)"	84	5.99E-08	1	2532.273	0.18	Midgut	2R:+:34795512-34795583	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_5535	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	M8(Oxidation),"M8(Oxidation), M14(Oxidation)"	69	1.64E-06	1	2165.011	3.23	Malpighian tubule	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_5928	FDGILGLAYK	AGAP003277-PC	-	55	2.86E-05	2	1096.606	1.93	Visceras	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_7078	HYTGDFTYLSVDR	AGAP003277-PC	-	86	3.23E-08	1	1573.730	0.94	Malpighian tubule	2R:+:34795335-34795373	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_7189	HYTGDFTYLSVDRK	AGAP003277-PC	-	48	0.000221957	3	1701.823	-0.29	Male reproductive organs	2R:+:34795335-34795376	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_8189	VVFDTGSSNLWVPSK	AGAP003277-PC	-	72	9.34E-07	2	1635.844	3.53	Salivary gland	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_8985	FDGILGLAYK	AGAP003277-PC	-	50	7.98E-05	2	1096.605	1.03	Midgut	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_9591	QFTLEGADYILR	AGAP003277-PC	-	69	1.46E-06	1	1425.741	2.25	Male reproductive organs	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_11206	ITFTLGGKQFTLEGADYILR	AGAP003277-PC	-	71	5.62E-07	1	2243.216	3.91	Malpighian tubule	2R:+:34795584-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_11322	QFTLEGADYILR	AGAP003277-PC	-	66	3.21E-06	1	1425.740	1.74	Salivary gland	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_12496	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	165	4.49E-16	2	1736.803	2.93	Midgut	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_13149	IDAPVFSFYLNR	AGAP003277-PC	-	94	4.92E-09	1	1441.747	-0.17	Ovary	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_16269	IDAPVFSFYLNRDPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	164	5.65E-16	1	3159.534	2.16	Pupa	2R:+:34795245-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_16579	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	112	6.18E-11	1	1919.030	1.21	Pupa	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_16791	ITFTLGGK	AGAP003277-PC	-	43	0.000261361	1	836.487	-0.53	Ovary	2R:+:34795584-34795607	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_17062	QFTLEGADYILR	AGAP003277-PC	-	79	1.50E-07	1	1425.738	0.54	Midgut	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_17822	QFTLEGADYILR	AGAP003277-PC	-	66	3.23E-06	1	1425.737	-0.06	Ovary	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC

JHU_Ag_20321	VVFDTGSSNLWVPSK	AGAP003277-PC	-	98	2.41E-09	1	1635.842	2.64	Malpighian tubule	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_22298	IDAPVFSFYLNR	AGAP003277-PC	-	91	9.71E-09	2	1441.751	2.29	Salivary gland	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_22786	IDAPVFSFYLNR	AGAP003277-PC	-	100	1.09E-09	2	1441.752	3.47	Visceras	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_22790	AIGGTPVLNGEYMVDCSLIPSLPK	AGAP003277-PC	C16(Carbamidomethyl),"N9(Deamidated), C16(Carbamidomethyl)","N9(Deamidated), M13(Oxidation), C16(Carbamidomethyl)"	68	2.28E-06	2	2531.292	1.19	Pupa	2R:+:34795512-34795583	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_23540	QFTLEGADYILR	AGAP003277-PC	-	68	1.93E-06	2	1425.739	0.88	Head	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_27403	IDAPVFSFYLNR	AGAP003277-PC	-	103	6.08E-10	1	1441.752	3.05	Pupa	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_28026	IDAPVFSFYLNR	AGAP003277-PC	-	103	6.50E-10	1	1441.748	0.26	Male reproductive organs	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_29186	ITFTLGGK	AGAP003277-PC	-	51	3.75E-05	2	836.488	-0.09	Midgut	2R:+:34795584-34795607	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_30000	IDAPVFSFYLNR	AGAP003277-PC	-	103	6.45E-10	1	1441.748	0.17	Midgut	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_31817	VVFDTGSSNLWVPSK	AGAP003277-PC	-	51	0.000150373	2	1635.836	-1.17	Head	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_32231	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	122	1.02E-11	1	1736.800	1.59	Salivary gland	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_33194	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	96	2.44E-09	1	1919.034	3.56	Malpighian tubule	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_33413	FDGILGLAYK	AGAP003277-PC	-	57	1.52E-05	2	1096.606	2.26	Salivary gland	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_33995	FDGILGLAYK	AGAP003277-PC	-	56	1.85E-05	2	1096.609	4.6	Larva	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_34718	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	135	5.09E-13	1	1736.800	1.38	Male reproductive organs	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_39304	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation)	60	2.50E-06	2	1426.558	-0.16	Head	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_40801	HYTGDFTYLSVDRK	AGAP003277-PC	-	101	9.23E-10	2	1701.823	0.08	Midgut	2R:+:34795335-34795376	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_42582	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	M8(Oxidation), N13(Deamidated), M14(Oxidation),M14(Oxidation),"M8(Oxidation), M14(Oxidation), N16(Deamidated)",M8(Oxidation),"M8(Oxidation), M14(Oxidation)","M8(Oxidation), M14(Oxidation), Q17(Deamidated)"	92	9.39E-09	1	2149.010	0.43	Midgut	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_45701	VGFATAV	AGAP003277-PC	-	36	0.002260173	1	664.366	-0.15	Midgut	2R:+:34795782-34795802	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_47761	ITFTLGGK	AGAP003277-PC	-	49	6.52E-05	1	836.488	0	Head	2R:+:34795584-34795607	exon=> In CDS Exon 3 of transcript AGAP003277-PC

JHU_Ag_48170	FDGILGLAYK	AGAP003277-PC	-	58	1.49E-05	2	1096.602	-1.3	Ovary	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_49958	HYTGDFTYLSVDRK	AGAP003277-PC	-	93	5.92E-09	1	1701.824	0.25	Pupa	2R:+:34795335-34795376	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_51753	IDAPVFSFYLNRDPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	168	2.30E-16	1	3159.531	1.23	Midgut	2R:+:34795245-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_52335	VVFDTGSSNLWVPSK	AGAP003277-PC	-	107	3.10E-10	1	1635.847	5.55	Larva	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_53081	VVFDTGSSNLWVPSK	AGAP003277-PC	-	85	4.92E-08	1	1635.841	2.12	Visceras	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_56256	HYTGDFTYLSVDR	AGAP003277-PC	-	36	0.003177536	1	1573.731	1.56	Male reproductive organs	2R:+:34795335-34795373	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_56510	IDAPVFSFYLNR	AGAP003277-PC	-	71	1.00E-06	1	1441.755	4.91	Malpighian tubule	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_56618	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	90	9.95E-09	1	1919.027	-0.04	Ovary	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_57881	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	114	3.62E-11	1	1919.036	4.71	Larva	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_58090	ITFTLGGK	AGAP003277-PC	-	36	0.001094564	1	836.490	2.19	Malpighian tubule	2R:+:34795584-34795607	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_58985	QFTLEGADYILR	AGAP003277-PC	-	60	1.19E-05	1	1425.746	5.85	Malpighian tubule	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_60871	HYTGDFTYLSVDR	AGAP003277-PC	-	87	2.43E-08	1	1573.729	0.79	Pupa	2R:+:34795335-34795373	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_61925	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	123	4.14E-12	1	1919.030	1.3	Head	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_62537	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation), N9(Deamidated),N9(Deamidated),M7(Oxidation)	82	1.37E-08	1	1426.557	-0.5	Midgut	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_62804	HYTGDFTYLSVDR	AGAP003277-PC	-	93	6.76E-09	1	1573.736	5.05	Larva	2R:+:34795335-34795373	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_64807	AIGGTPVLNGEYMVDCSLIPSLPK	AGAP003277-PC	M13(Oxidation), C16(Carbamidomethyl),"N9(Deamidated), M13(Oxidation), C16(Carbamidomethyl)"	49	0.000185496	2	2548.293	9.93	Larva	2R:+:34795512-34795583	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_66185	FDGILGLAYK	AGAP003277-PC	-	53	4.33E-05	2	1096.607	3.37	Malpighian tubule	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_69119	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	161	1.09E-15	2	1736.801	1.94	Visceras	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_69504	VVFDTGSSNLWVPSK	AGAP003277-PC	-	89	2.17E-08	1	1635.837	-0.35	Midgut	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_70991	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	M8(Oxidation), M14(Oxidation)	80	1.26E-07	1	2165.013	4.13	Larva	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_71466	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	155	4.89E-15	2	1736.805	4.55	Larva	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_71477	HYTGDFTYLSVDR	AGAP003277-PC	-	100	1.19E-09	1	1573.727	-0.84	Head	2R:+:34795335-34795373	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_73582	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	174	6.44E-17	1	1736.800	1.59	Head	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_73586	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	M8(Oxidation), M14(Oxidation)	71	1.11E-06	1	2165.003	-0.49	Male reproductive organs	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_73856	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	120	1.01E-11	1	1919.021	-3.12	Midgut	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC

JHU_Ag_75481	IDAPVFSFYLNR	AGAP003277-PC	-	103	6.16E-10	1	1441.753	3.98	Larva	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_76471	IDAPVFSFYLNR	AGAP003277-PC	-	70	1.30E-06	2	1441.747	0	Head	2R:+:34795245-34795280	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_77126	AIGGTPVLNGEYMVDCSLIPSLPK	AGAP003277-PC	C16(Carbamidomethyl),"M13(Oxidation),C16(Carbamidomethyl)"	60	1.49E-05	2	2547.277	-2.38	Head	2R:+:34795512-34795583	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_77436	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	-	69	1.78E-06	1	2133.019	2.28	Salivary gland	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_79049	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	M8(Oxidation),M14(Oxidation),"M8(Oxidation),M14(Oxidation)"	93	7.56E-09	1	2133.017	1.37	Pupa	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_79201	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	89	1.30E-08	1	1919.027	-0.32	Male reproductive organs	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_84084	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	98	1.47E-09	1	1919.030	1.27	Salivary gland	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_86078	VVFDTGSSNLWVPSK	AGAP003277-PC	-	102	9.96E-10	1	1635.840	1.07	Pupa	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_87135	QTFAEAIQEPGLVFVAAK	AGAP003277-PC	-	86	2.24E-08	2	1919.032	2.16	Visceras	2R:+:34795104-34795157	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_89002	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	M8(Oxidation),"M8(Oxidation),M14(Oxidation)",M14(Oxidation)	74	5.10E-07	1	2149.003	-3.09	Head	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_89176	QFTLEGADYILR	AGAP003277-PC	-	89	1.38E-08	1	1425.740	1.83	Pupa	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_90594	QFTLEGADYILR	AGAP003277-PC	-	70	1.31E-06	1	1425.742	3.28	Visceras	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_91804	VGFATAV	AGAP003277-PC	-	35	0.002705469	1	664.367	0.96	Visceras	2R:+:34795782-34795802	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_95122	FDGILGLAYK	AGAP003277-PC	-	59	1.01E-05	2	1096.603	-0.3	Male reproductive organs	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_96204	HYTGDFTYLSVDRK	AGAP003277-PC	-	72	8.36E-07	2	1701.831	4.67	Malpighian tubule	2R:+:34795335-34795376	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_96332	HYTGDFTYLSVDRK	AGAP003277-PC	-	92	8.11E-09	1	1701.833	5.53	Ovary	2R:+:34795335-34795376	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_96375	HYTGDFTYLSVDRK	AGAP003277-PC	-	40	0.001299886	1	1701.820	-2.11	Head	2R:+:34795335-34795376	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_96749	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation)	40	0.000228596	1	1410.565	1.17	Malpighian tubule	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_97063	ITFTLGGK	AGAP003277-PC	-	49	6.24E-05	1	836.489	1.02	Pupa	2R:+:34795584-34795607	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_97163	FDGILGLAYK	AGAP003277-PC	-	57	1.78E-05	2	1096.606	1.7	Pupa	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_97708	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation)	68	3.64E-07	1	1426.563	3.6	Larva	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_98119	ITFTLGGK	AGAP003277-PC	-	42	0.00030849	1	836.489	2.12	Salivary gland	2R:+:34795584-34795607	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_98980	ITFTLGGK	AGAP003277-PC	-	36	0.001259625	2	836.488	-0.02	Male reproductive organs	2R:+:34795584-34795607	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_99203	SISVDGVMPVFYNMFNQGK	AGAP003277-PC	M8(Oxidation),M14(Oxidation)	90	1.40E-08	1	2165.002	-0.95	Ovary	2R:+:34795188-34795244	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_99510	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation)	70	2.47E-07	1	1426.558	0.18	Salivary gland	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC

JHU_Ag_100657	QFTLEGADYILR	AGAP003277-PC	-	60	1.21E-05	1	1425.747	6.62	Larva	2R:+:34795608-34795643	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_102283	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	175	4.74E-17	1	1736.797	-0.3	Ovary	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_102309	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation)	68	3.81E-07	1	1426.558	0.27	Male reproductive organs	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_102769	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation)	71	1.49E-07	1	1426.557	-1.02	Ovary	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_103203	HYTGDFTYLSVDR	AGAP003277-PC	-	64	5.19E-06	1	1573.735	4.51	Midgut	2R:+:34795335-34795373	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_104588	HYTGDFTYLSVDR	AGAP003277-PC	-	76	3.31E-07	1	1573.728	-0.04	Ovary	2R:+:34795335-34795373	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_104987	VVFDTGSSNLWVPSK	AGAP003277-PC	-	107	3.17E-10	1	1635.842	2.79	Male reproductive organs	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_105232	AIGGTPVLNGEYMVDCSLIPSLPK	AGAP003277-PC	M13(Oxidation), C16(Carbamidomethyl)	38	0.002356238	1	2547.285	0.5	Male reproductive organs	2R:+:34795512-34795583	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_105691	KAYWQFK	AGAP003277-PC	-	46	0.000198982	1	970.516	1.23	Malpighian tubule	2R:+:34795374-34795394	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_106856	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	160	1.60E-15	1	1736.799	1.1	Pupa	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_107851	VVFDTGSSNLWVPSK	AGAP003277-PC	-	40	0.00136627	2	1635.846	4.95	Ovary	2R:+:34794888-34794932	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_108274	QCSFTNIACLMHNK	AGAP003277-PC	C2(Carbamidomethyl), C9(Carbamidomethyl), M11(Oxidation),"C2(Carbamidomethyl), C9(Carbamidomethyl)"	55	2.71E-05	1	1739.768	0.99	Midgut	2R:+:34794933-34794974	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_109959	DPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	84	6.20E-08	2	1736.802	2.44	Malpighian tubule	2R:+:34795281-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_114100	IDAPVFSFYLNRDPSAAEGGEIIFGGSDSK	AGAP003277-PC	-	104	6.07E-10	1	3159.530	1	Malpighian tubule	2R:+:34795245-34795334	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_115863	FDGILGLAYK	AGAP003277-PC	-	49	9.02E-05	1	1096.605	1.1	Head	2R:+:34795158-34795187	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_117086	YYTEFDMGNDR	AGAP003277-PC	M7(Oxidation), N9(Deamidated),N9(Deamidated),M7(Oxidation)	80	2.19E-08	1	1426.557	-0.85	Pupa	2R:+:34795749-34795781	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_117790	HYTGDFTYLSVDRK	AGAP003277-PC	-	71	1.12E-06	1	1701.830	3.91	Larva	2R:+:34795335-34795376	exon=> In CDS Exon 3 of transcript AGAP003277-PC
JHU_Ag_73258	MNSTATTNQK	AGAP003278-PA	M1(Oxidation), N2(Deamidated), N8(Deamidated), Q9(Deamidated)	31	0.002656455	2	1114.467	8.7	Salivary gland	2R:+:34796180-34796209	exon=> In CDS Exon 1 of transcript AGAP003278-PA
JHU_Ag_5581	SPTVLLAR	AGAP003279-PA	-	41	0.000539832	2	856.524	-1.84	Salivary gland	2R:-:34800479-34800456	exon=> In CDS Exon 3 of transcript AGAP003279-PA
JHU_Ag_12108	RDDSFLAALK	AGAP003279-PA	-	38	0.002197111	2	1135.612	0.84	Ovary	2R:-:34799942-34799913	exon=> In CDS Exon 3 of transcript AGAP003279-PA
JHU_Ag_27651	SPTVLLAR	AGAP003279-PA	-	40	0.000613118	2	856.527	1.72	Malpighian tubule	2R:-:34800479-34800456	exon=> In CDS Exon 3 of transcript AGAP003279-PA
JHU_Ag_39657	SPTVLLAR	AGAP003279-PA	-	32	0.003460892	2	856.528	3.01	Head	2R:-:34800479-34800456	exon=> In CDS Exon 3 of transcript AGAP003279-PA
JHU_Ag_46193	RDDSFLAALK	AGAP003279-PA	-	39	0.001774095	2	1135.603	-6.79	Head	2R:-:34799942-34799913	exon=> In CDS Exon 3 of transcript AGAP003279-PA
JHU_Ag_59649	SPTVLLAR	AGAP003279-PA	-	35	0.001873027	2	856.525	-0.41	Ovary	2R:-:34800479-34800456	exon=> In CDS Exon 3 of transcript AGAP003279-PA

JHU_Ag_83347	SPTVLLAR	AGAP003279-PA	-	41	0.000420101	2	856.527	2.15	Male reproductive organs	2R:-:34800479-34800456	exon=> In CDS Exon 3 of transcript AGAP003279-PA
JHU_Ag_107325	SPTVLLAR	AGAP003279-PA	-	30	0.004606383	1	856.523	-2.55	Midgut	2R:-:34800479-34800456	exon=> In CDS Exon 3 of transcript AGAP003279-PA
JHU_Ag_72378	VIATLK	AGAP003282-PA,AGAP003282-PB	-	25	0.007593438	1	644.434	-0.99	Head	2R:+:34862352-34862369;2R:+:34862352-34862369	exon=> In CDS Exon 4 of transcript AGAP003282-PA;exon=> In CDS Exon 4 of transcript AGAP003282-PB
JHU_Ag_94285	AGQLEKQIK	AGAP003282-PA,AGAP003282-PB	-	51	8.32E-05	1	1014.595	0.63	Visceras	2R:+:34858242-34858268;2R:+:34858242-34858268	exon=> In CDS Exon 3 of transcript AGAP003282-PA;exon=> In CDS Exon 3 of transcript AGAP003282-PB
JHU_Ag_63129	VVTAPGGLLQNLR	AGAP003283-PA	-	59	2.00E-06	2	1337.793	2.14	Salivary gland	2R:-:34916167-34916129	exon=> In CDS Exon 1 of transcript AGAP003283-PA
JHU_Ag_39307	TLDTGIHGSPMVDNYR	AGAP003289-PA	M11(Oxidation)	79	1.80E-07	1	1775.846	4.33	Malpighian tubule	2R:+:35084768-35084770,35084845-35084889	exon=> In CDS Exon 4 and 5 of transcript AGAP003289-PA
JHU_Ag_63003	QEAELK	AGAP003292-PA,AGAP003651-PA,AGAP003651-PB	Q1(Deamidated)	36	0.002979678	1	718.361	-0.65	Midgut	2R:+:35189200-35189211,35189285-35189290;2R:-:41039877-41039860;2R:-:41039877-41039860	exon=> In CDS Exon 5 and 6 of transcript AGAP003292-PA;exon=> In CDS Exon 1 of transcript AGAP003651-PA;exon=> In CDS Exon 1 of transcript AGAP003651-PB
JHU_Ag_37588	LIETK	AGAP003294-PA	-	34	0.002001492	1	603.373	2.71	Malpighian tubule	2R:+:35197327-35197341	exon=> In CDS Exon 3 of transcript AGAP003294-PA
JHU_Ag_112096	SVPVALAAR	AGAP003295-PA	-	41	0.000161716	2	883.538	2.38	Salivary gland	2R:-:35198409-35198383	exon=> In CDS Exon 2 of transcript AGAP003295-PA
JHU_Ag_1003	EGIASLNLSELQAACR	AGAP003296-PB,AGAP003296-PA	C15(Carbamidomethyl)	122	9.19E-12	2	1731.874	2.43	Head	2R:-:35203536-35203489;2R:-:35203536-35203489	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_1053	VLEVSPIGTSNLLR	AGAP003296-PB,AGAP003296-PA	-	61	3.07E-06	1	1497.862	-1.32	Head	2R:-:35203635-35203594;2R:-:35203635-35203594	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_12941	VPPSLLLLSR	AGAP003296-PB,AGAP003296-PA	-	37	0.000187581	2	1094.694	1.03	Visceras	2R:-:35203401-35203372;2R:-:35203401-35203372	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_14690	LFPGMLPSTFQTATER	AGAP003296-PB,AGAP003296-PA	M5(Oxidation)	32	0.009047665	1	1811.902	1.13	Head	2R:-:35203941-35203894;2R:-:35203941-35203894	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_17488	DLEVLGDALGTLSK	AGAP003296-PB,AGAP003296-PA	-	50	0.000127068	2	1430.776	1.84	Male reproductive organs	2R:-:35202990-35202949;2R:-:35202990-35202949	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_34785	DLEVLGDALGTLSK	AGAP003296-PB,AGAP003296-PA	-	127	1.97E-12	2	1430.778	3.12	Head	2R:-:35202990-35202949;2R:-:35202990-35202949	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_37369	DFSEFFTR	AGAP003296-PB,AGAP003296-PA	-	45	0.000383171	2	1048.476	2.75	Salivary gland	2R:-:35203779-35203756;2R:-:35203779-35203756	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA

JHU_Ag_37734	ATISSLPDSVATVTK	AGAP003296-PB,AGAP003296-PA	-	48	0.000142574	2	1489.817	4.4	Malpighian tubule	2R:-:35203326-35203282;2R:-:35203326-35203282	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_38963	VLEVSPIGTSNLLR	AGAP003296-PB,AGAP003296-PA	-	59	4.38E-06	2	1497.869	3.82	Salivary gland	2R:-:35203635-35203594;2R:-:35203635-35203594	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_40459	QVDELIDLLDK	AGAP003296-PB,AGAP003296-PA	-	55	4.52E-05	2	1300.702	1.85	Head	2R:-:35202235-35202203;2R:-:35202235-35202203	exon=> In CDS Exon 5 of transcript AGAP003296-PB;exon=> In CDS Exon 5 of transcript AGAP003296-PA
JHU_Ag_42355	VLEVSPIGTSNLLR	AGAP003296-PB,AGAP003296-PA	-	105	1.20E-10	1	1497.866	1.45	Ovary	2R:-:35203635-35203594;2R:-:35203635-35203594	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_44933	VLADLGTSAANAPVGASTGASADAQSQAPAPAAAVVAAAPVVKK	AGAP003296-PB,AGAP003296-PA	-	66	6.52E-07	1	3942.114	5.29	Malpighian tubule	2R:-:35204310-35204179;2R:-:35204310-35204179	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_50032	LFEDEITLDSLNR	AGAP003296-PB,AGAP003296-PA	-	53	8.22E-05	2	1564.793	4.55	Salivary gland	2R:-:35203698-35203660;2R:-:35203698-35203660	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_50283	DLEVLGDALGTLSK	AGAP003296-PB,AGAP003296-PA	-	89	1.59E-08	2	1430.776	1.5	Visceras	2R:-:35202990-35202949;2R:-:35202990-35202949	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_51259	LFEDEITLDSLNR	AGAP003296-PB,AGAP003296-PA	-	96	4.09E-09	2	1564.788	1.51	Visceras	2R:-:35203698-35203660;2R:-:35203698-35203660	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_58518	IQNVTDDSRLDQISK	AGAP003296-PB,AGAP003296-PA	-	75	4.22E-07	2	1731.895	4.38	Malpighian tubule	2R:-:35202465-35202421;2R:-:35202465-35202421	exon=> In CDS Exon 4 of transcript AGAP003296-PB;exon=> In CDS Exon 4 of transcript AGAP003296-PA
JHU_Ag_58580	ATDLSSLAPPPSPTDPTK	AGAP003296-PB,AGAP003296-PA	-	46	0.000410985	1	1794.910	-1.04	Head	2R:-:35202079-35202026;2R:-:35202079-35202026	exon=> In CDS Exon 5 of transcript AGAP003296-PB;exon=> In CDS Exon 5 of transcript AGAP003296-PA
JHU_Ag_59848	TTENFTISNEEILK	AGAP003296-PB,AGAP003296-PA	-	67	3.18E-06	2	1638.826	2.17	Head	2R:-:35203749-35203708;2R:-:35203749-35203708	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_60525	IQNVTDDSRLDQISK	AGAP003296-PB,AGAP003296-PA	-	43	0.000743198	1	1731.887	-0.28	Ovary	2R:-:35202465-35202421;2R:-:35202465-35202421	exon=> In CDS Exon 4 of transcript AGAP003296-PB;exon=> In CDS Exon 4 of transcript AGAP003296-PA
JHU_Ag_61982	VLEVSPIGTSNLLR	AGAP003296-PB,AGAP003296-PA	-	42	0.000246622	2	1497.863	-0.09	Male reproductive organs	2R:-:35203635-35203594;2R:-:35203635-35203594	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_64243	VHAAEQSEEVQKPPAADEELVR	AGAP003296-PB,AGAP003296-PA	Q11(Deamidated),Q6(Deamidated)	168	2.45E-16	1	2432.193	-4.91	Head	2R:-:35202630-35202565;2R:-:35202630-35202565	exon=> In CDS Exon 3 of transcript AGAP003296-PB;exon=> In CDS Exon 3 of transcript AGAP003296-PA

JHU_Ag_66465	VLEVSPIGTSNLLR	AGAP003296-PB,AGAP003296-PA	-	61	2.60E-06	1	1497.870	4.23	Malpighian tubule	2R:-:35203635-35203594;2R:-:35203635-35203594	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_67858	LFEDEITLDSLNR	AGAP003296-PB,AGAP003296-PA	-	68	3.00E-06	2	1564.786	0.5	Male reproductive organs	2R:-:35203698-35203660;2R:-:35203698-35203660	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_72829	ATISSLPDSVATVTK	AGAP003296-PB,AGAP003296-PA	-	44	0.000434947	1	1489.815	2.68	Salivary gland	2R:-:35203326-35203282;2R:-:35203326-35203282	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_78147	LFEDEITLDSLNR	AGAP003296-PB,AGAP003296-PA	-	58	2.64E-05	1	1564.791	3.38	Midgut	2R:-:35203698-35203660;2R:-:35203698-35203660	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_78269	EGIASLNLSELQAACR	AGAP003296-PB,AGAP003296-PA	C15(Carbamidomethyl)	95	4.99E-09	2	1731.873	1.8	Visceras	2R:-:35203536-35203489;2R:-:35203536-35203489	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_89720	VLEVSPIGTSNLLR	AGAP003296-PB,AGAP003296-PA	-	46	8.81E-05	2	1497.868	3.08	Visceras	2R:-:35203635-35203594;2R:-:35203635-35203594	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_92577	VPPSLLLLSR	AGAP003296-PB,AGAP003296-PA	-	61	9.15E-07	2	1094.695	1.47	Malpighian tubule	2R:-:35203401-35203372;2R:-:35203401-35203372	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_96598	LFEDEITLDSLNR	AGAP003296-PB,AGAP003296-PA	-	92	1.08E-08	2	1564.786	0.5	Head	2R:-:35203698-35203660;2R:-:35203698-35203660	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_98916	EGIASLNLSELQAACR	AGAP003296-PB,AGAP003296-PA	C15(Carbamidomethyl)	90	1.52E-08	2	1731.879	5.46	Malpighian tubule	2R:-:35203536-35203489;2R:-:35203536-35203489	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_100911	ATISSLPDSVATVTK	AGAP003296-PB,AGAP003296-PA	-	54	4.24E-05	1	1489.811	-0.19	Head	2R:-:35203326-35203282;2R:-:35203326-35203282	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_102408	DFSEFFTR	AGAP003296-PB,AGAP003296-PA	-	40	0.000740119	2	1048.473	-0.39	Male reproductive organs	2R:-:35203779-35203756;2R:-:35203779-35203756	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_104908	VPPSLLLLSR	AGAP003296-PB,AGAP003296-PA	-	40	7.35E-05	2	1094.696	2.7	Salivary gland	2R:-:35203401-35203372;2R:-:35203401-35203372	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_106466	QNLKVK	AGAP003296-PB,AGAP003296-PA	-	39	0.001747758	2	729.454	-11.3	Ovary	2R:-:35203878-35203861;2R:-:35203878-35203861	exon=> In CDS Exon 2 of transcript AGAP003296-PB;exon=> In CDS Exon 2 of transcript AGAP003296-PA
JHU_Ag_35972	IFSGYANVDEK	AGAP003300-PA	-	57	2.30E-05	2	1242.600	0.1	Midgut	2R:-:35218078-35218046	exon=> In CDS Exon 2 of transcript AGAP003300-PA
JHU_Ag_79671	AQLLTAGAGLLGALVAIGGSGATTALEAK	AGAP003300-PA	-	99	1.62E-10	1	2595.479	2.85	Ovary	2R:-:35217564-35217478	exon=> In CDS Exon 3 of transcript AGAP003300-PA

JHU_Ag_82299	AQLLTAGAGLLGALVAIGGSGATTALEAK	AGAP003300-PA	-	74	5.98E-08	3	2595.473	0.67	Midgut	2R:-:35217564-35217478	exon=> In CDS Exon 3 of transcript AGAP003300-PA
JHU_Ag_27841	ATNPFVAANVPQR	AGAP003302-PA	-	72	7.45E-07	1	1384.734	0.59	Male reproductive organs	2R:+:35343645-35343683	exon=> In CDS Exon 4 of transcript AGAP003302-PA
JHU_Ag_46314	ASLAQNENVLR	AGAP003302-PA	-	63	6.56E-06	2	1214.650	1.22	Malpighian tubule	2R:+:35343098-35343130	exon=> In CDS Exon 2 of transcript AGAP003302-PA
JHU_Ag_72486	ADSFFK	AGAP003302-PA	N-Term(Acetyl)	40	0.000642918	1	756.356	-0.15	Male reproductive organs	2R:+:35342845-35342862	exon=> In CDS Exon 1 of transcript AGAP003302-PA
JHU_Ag_73560	ASLAQNENVLR	AGAP003302-PA	-	51	0.000107628	2	1214.649	0.22	Salivary gland	2R:+:35343098-35343130	exon=> In CDS Exon 2 of transcript AGAP003302-PA
JHU_Ag_77698	ATNPFVAANVPQR	AGAP003302-PA	-	50	0.000107198	1	1384.735	1.12	Ovary	2R:+:35343645-35343683	exon=> In CDS Exon 4 of transcript AGAP003302-PA
JHU_Ag_86415	ATNPFVAANVPQR	AGAP003302-PA	-	69	1.48E-06	2	1384.735	1.12	Salivary gland	2R:+:35343645-35343683	exon=> In CDS Exon 4 of transcript AGAP003302-PA
JHU_Ag_96819	ATNPFVAANVPQR	AGAP003302-PA	-	68	1.83E-06	1	1384.739	3.85	Malpighian tubule	2R:+:35343645-35343683	exon=> In CDS Exon 4 of transcript AGAP003302-PA
JHU_Ag_110790	KPTEVFIK	AGAP003302-PA	-	39	0.000448559	2	961.572	0.59	Salivary gland	2R:+:35342947-35342970	exon=> In CDS Exon 1 of transcript AGAP003302-PA
JHU_Ag_49658	FVGASSFGVISDK	AGAP003303-PA	-	59	1.49E-05	2	1313.674	0.63	Head	2R:-:35353209-35353171	exon=> In CDS Exon 3 of transcript AGAP003303-PA
JHU_Ag_66430	LTVQSAGDLK	AGAP003303-PA	-	34	0.005705618	2	1031.575	1.74	Head	2R:-:35356852-35356823	exon=> In CDS Exon 1 of transcript AGAP003303-PA
JHU_Ag_93744	IGDADGTGNCEDPEDVPGCEDYYGDQDIK	AGAP003308-PA	C10(Carbamidomethyl), C19(Carbamidomethyl)	84	2.68E-09	1	3204.257	1.16	Head	2R:+:35626603-35626658,35628995-35629025	exon=> In CDS Exon 4 and 5 of transcript AGAP003308-PA
JHU_Ag_9417	YYICLEGVAR	AGAP003308-PA,AGAP003308-PB	C4(Carbamidomethyl)	81	9.59E-08	1	1243.616	1.22	Pupa	2R:+:35626540-35626569;2R:+:35626540-35626569	exon=> In CDS Exon 4 of transcript AGAP003308-PA;exon=> In CDS Exon 4 of transcript AGAP003308-PB
JHU_Ag_11450	TCGNGLAFDATDSK	AGAP003308-PA,AGAP003308-PB	C2(Carbamidomethyl),"C2(Carbamidomethyl), N4(Deamidated)"	75	2.37E-07	2	1456.638	0.52	Head	2R:+:35625399-35625440;2R:+:35625399-35625440	exon=> In CDS Exon 2 of transcript AGAP003308-PA;exon=> In CDS Exon 2 of transcript AGAP003308-PB
JHU_Ag_13026	EYGCPIGTVFK	AGAP003308-PA,AGAP003308-PB	C4(Carbamidomethyl)	37	0.002383314	1	1270.613	-0.18	Head	2R:+:35626570-35626602;2R:+:35626570-35626602	exon=> In CDS Exon 4 of transcript AGAP003308-PA;exon=> In CDS Exon 4 of transcript AGAP003308-PB
JHU_Ag_19032	TQLEPPISTPHCER	AGAP003308-PA,AGAP003308-PB	C12(Carbamidomethyl)	75	4.83E-07	1	1664.808	1.28	Pupa	2R:+:35625492-35625501,35626164-35626195;2R:+:35625492-35625501,35626164-35626195	exon=> In CDS Exon 2 and 3 of transcript AGAP003308-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003308-PB
JHU_Ag_21016	YLTENCDYLHNVDCGDR	AGAP003308-PA,AGAP003308-PB	C6(Carbamidomethyl), C14(Carbamidomethyl)	112	2.71E-11	1	2143.877	-2.02	Pupa	2R:+:35625441-35625491;2R:+:35625441-35625491	exon=> In CDS Exon 2 of transcript AGAP003308-PA;exon=> In CDS Exon 2 of transcript AGAP003308-PB
JHU_Ag_21591	NEEVANGFACPAAGEISNAGSFSR	AGAP003308-PA,AGAP003308-PB	C10(Carbamidomethyl),"N1(Deamidated), C10(Carbamidomethyl)","N6(Deamidated), C10(Carbamidomethyl)"	123	3.69E-12	2	2456.086	3.18	Pupa	2R:+:35626346-35626352,35626448-35626512;2R:+:35626346-35626352,35626448-35626512	exon=> In CDS Exon 3 and 4 of transcript AGAP003308-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003308-PB

JHU_Ag_28612	CDVFWNCWNGEASR	AGAP003308-PA,AGAP003308-PB	C1(Carbamidomethyl), C7(Carbamidomethyl),"C1 (Carbamidomethyl), C7(Carbamidomethyl), N9(Deamidated)"	90	2.26E-09	2	1801.712	3.69	Pupa	2R:+:35626226-35626267;2R:+:35626226-35626267	exon=> In CDS Exon 3 of transcript AGAP003308-PA;exon=> In CDS Exon 3 of transcript AGAP003308-PB
JHU_Ag_30115	KYYICLEGVAR	AGAP003308-PA,AGAP003308-PB	C5(Carbamidomethyl)	36	0.003531044	2	1371.711	1.11	Pupa	2R:+:35626537-35626569;2R:+:35626537-35626569	exon=> In CDS Exon 4 of transcript AGAP003308-PA;exon=> In CDS Exon 4 of transcript AGAP003308-PB
JHU_Ag_38178	EYGCPIGTVFK	AGAP003308-PA,AGAP003308-PB	C4(Carbamidomethyl)	61	8.89E-06	1	1270.615	1.06	Pupa	2R:+:35626570-35626602;2R:+:35626570-35626602	exon=> In CDS Exon 4 of transcript AGAP003308-PA;exon=> In CDS Exon 4 of transcript AGAP003308-PB
JHU_Ag_45062	NEEVANGFACPAAGEISNAGSFSR	AGAP003308-PA,AGAP003308-PB	C10(Carbamidomethyl),"N1(Deamidated), C10(Carbamidomethyl)","N6(Deamidated), C10(Carbamidomethyl)"	119	1.36E-11	1	2455.107	5.02	Larva	2R:+:35626346-35626352,35626448-35626512;2R:+:35626346-35626352,35626448-35626512	exon=> In CDS Exon 3 and 4 of transcript AGAP003308-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003308-PB
JHU_Ag_45760	VCMWADQVPECK	AGAP003308-PA,AGAP003308-PB	C2(Carbamidomethyl), M3(Oxidation), C11(Carbamidomethyl),"C2(Carbamidomethyl), C11(Carbamidomethyl)"	84	2.10E-08	2	1538.647	1.83	Pupa	2R:+:35626310-35626345;2R:+:35626310-35626345	exon=> In CDS Exon 3 of transcript AGAP003308-PA;exon=> In CDS Exon 3 of transcript AGAP003308-PB
JHU_Ag_46521	YLTENCDYLHNVDCGDR	AGAP003308-PA,AGAP003308-PB	C6(Carbamidomethyl), C14(Carbamidomethyl)	98	6.46E-10	1	2143.881	0.25	Head	2R:+:35625441-35625491;2R:+:35625441-35625491	exon=> In CDS Exon 2 of transcript AGAP003308-PA;exon=> In CDS Exon 2 of transcript AGAP003308-PB
JHU_Ag_46646	YQCSPGLAYDR	AGAP003308-PA,AGAP003308-PB	C3(Carbamidomethyl)	68	1.41E-06	1	1329.593	2.51	Larva	2R:+:35626268-35626300;2R:+:35626268-35626300	exon=> In CDS Exon 3 of transcript AGAP003308-PA;exon=> In CDS Exon 3 of transcript AGAP003308-PB
JHU_Ag_47858	YLTENCDYLHNVDCGDR	AGAP003308-PA,AGAP003308-PB	C6(Carbamidomethyl), C14(Carbamidomethyl)	110	4.37E-11	1	2143.890	4.35	Larva	2R:+:35625441-35625491;2R:+:35625441-35625491	exon=> In CDS Exon 2 of transcript AGAP003308-PA;exon=> In CDS Exon 2 of transcript AGAP003308-PB
JHU_Ag_50364	YYICLEGVAR	AGAP003308-PA,AGAP003308-PB	C4(Carbamidomethyl)	71	9.29E-07	1	1243.619	4.36	Larva	2R:+:35626540-35626569;2R:+:35626540-35626569	exon=> In CDS Exon 4 of transcript AGAP003308-PA;exon=> In CDS Exon 4 of transcript AGAP003308-PB
JHU_Ag_51732	EYGCPIGTVFK	AGAP003308-PA,AGAP003308-PB	C4(Carbamidomethyl)	74	4.58E-07	1	1270.620	5.29	Larva	2R:+:35626570-35626602;2R:+:35626570-35626602	exon=> In CDS Exon 4 of transcript AGAP003308-PA;exon=> In CDS Exon 4 of transcript AGAP003308-PB
JHU_Ag_54306	TCGNGLAFDATDSK	AGAP003308-PA,AGAP003308-PB	C2(Carbamidomethyl),"C2(Carbamidomethyl), N4(Deamidated)"	115	1.90E-11	1	1457.622	0.76	Pupa	2R:+:35625399-35625440;2R:+:35625399-35625440	exon=> In CDS Exon 2 of transcript AGAP003308-PA;exon=> In CDS Exon 2 of transcript AGAP003308-PB
JHU_Ag_66667	TQLEPPISTPHCER	AGAP003308-PA,AGAP003308-PB	C12(Carbamidomethyl)	83	7.99E-08	2	1664.811	3.19	Larva	2R:+:35625492-35625501,35626164-35626195;2R:+:35625492-35625501,35626164-35626195	exon=> In CDS Exon 2 and 3 of transcript AGAP003308-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003308-PB
JHU_Ag_71809	YQCSPGLAYDR	AGAP003308-PA,AGAP003308-PB	C3(Carbamidomethyl)	65	2.44E-06	1	1329.588	-0.71	Pupa	2R:+:35626268-35626300;2R:+:35626268-35626300	exon=> In CDS Exon 3 of transcript AGAP003308-PA;exon=> In CDS Exon 3 of transcript AGAP003308-PB

JHU_Ag_72150	TQLEPPISTPHCER	AGAP003308-PA,AGAP003308-PB	C12(Carbamidomethyl)	85	4.94E-08	1	1664.809	1.79	Head	2R:+:35625492-35625501,35626164-35626195;2R:+:35625492-35625501,35626164-35626195	exon=> In CDS Exon 2 and 3 of transcript AGAP003308-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003308-PB
JHU_Ag_78538	VCMWADQVPECK	AGAP003308-PA,AGAP003308-PB	C2(Carbamidomethyl), M3(Oxidation), C11(Carbamidomethyl)	75	1.68E-07	1	1538.651	4.69	Larva	2R:+:35626310-35626345;2R:+:35626310-35626345	exon=> In CDS Exon 3 of transcript AGAP003308-PA;exon=> In CDS Exon 3 of transcript AGAP003308-PB
JHU_Ag_85803	HAHPEDCR	AGAP003308-PA,AGAP003308-PB	C7(Carbamidomethyl)	27	0.007482234	2	1021.427	0.29	Head	2R:+:35626513-35626536;2R:+:35626513-35626536	exon=> In CDS Exon 4 of transcript AGAP003308-PA;exon=> In CDS Exon 4 of transcript AGAP003308-PB
JHU_Ag_94137	CPDDFGFYPHHSSCDK	AGAP003308-PA,AGAP003308-PB	C1(Carbamidomethyl), C14(Carbamidomethyl)	76	3.79E-08	1	1968.766	1.05	Pupa	2R:+:35625315-35625362;2R:+:35625315-35625362	exon=> In CDS Exon 2 of transcript AGAP003308-PA;exon=> In CDS Exon 2 of transcript AGAP003308-PB
JHU_Ag_98693	LYGIFADAAK	AGAP003308-PA,AGAP003308-PB	-	51	6.27E-05	1	1068.574	0.99	Pupa	2R:+:35626196-35626225;2R:+:35626196-35626225	exon=> In CDS Exon 3 of transcript AGAP003308-PA;exon=> In CDS Exon 3 of transcript AGAP003308-PB
JHU_Ag_104060	TCGNGLAFDATDSK	AGAP003308-PA,AGAP003308-PB	C2(Carbamidomethyl),"C2 (Carbamidomethyl), N4(Deamidated)"	109	1.11E-10	1	1456.642	3.37	Larva	2R:+:35625399-35625440;2R:+:35625399-35625440	exon=> In CDS Exon 2 of transcript AGAP003308-PA;exon=> In CDS Exon 2 of transcript AGAP003308-PB
JHU_Ag_108122	LYGIFADAAK	AGAP003308-PA,AGAP003308-PB	-	51	6.51E-05	2	1068.577	4.31	Larva	2R:+:35626196-35626225;2R:+:35626196-35626225	exon=> In CDS Exon 3 of transcript AGAP003308-PA;exon=> In CDS Exon 3 of transcript AGAP003308-PB
JHU_Ag_109254	NEEVANGFACPAAGEISNAGSFSR	AGAP003308-PA,AGAP003308-PB	C10(Carbamidomethyl)	114	3.43E-11	2	2455.099	2.04	Head	2R:+:35626346-35626352,35626448-35626512;2R:+:35626346-35626352,35626448-35626512	exon=> In CDS Exon 3 and 4 of transcript AGAP003308-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003308-PB
JHU_Ag_11468	RDAEYPPPELLEALKPLHDICLGK	AGAP003309-PA,AGAP003309-PB	C21(Carbamidomethyl)	121	6.69E-12	1	2774.459	1.6	Head	2R:+:35643196-35643267;2R:+:35643196-35643267	exon=> In CDS Exon 1 of transcript AGAP003309-PA;exon=> In CDS Exon 1 of transcript AGAP003309-PB
JHU_Ag_18134	CYMNCLFHEAK	AGAP003309-PA,AGAP003309-PB	C1(Carbamidomethyl), C5(Carbamidomethyl),"C1 (Carbamidomethyl), M3(Oxidation), C5(Carbamidomethyl)"	65	8.55E-07	1	1488.604	-1.92	Head	2R:+:35643431-35643463;2R:+:35643431-35643463	exon=> In CDS Exon 2 of transcript AGAP003309-PA;exon=> In CDS Exon 2 of transcript AGAP003309-PB
JHU_Ag_45254	RCLYPEGETLCDK	AGAP003309-PA,AGAP003309-PB	C2(Carbamidomethyl), C11(Carbamidomethyl)	58	1.57E-05	3	1640.734	-3.84	Head	2R:+:35643554-35643592;2R:+:35643554-35643592	exon=> In CDS Exon 2 of transcript AGAP003309-PA;exon=> In CDS Exon 2 of transcript AGAP003309-PB
JHU_Ag_57415	FSDEEIHEDEK	AGAP003309-PA,AGAP003309-PB	-	88	7.79E-09	1	1377.583	1.65	Head	2R:+:35643392-35643424;2R:+:35643392-35643424	exon=> In CDS Exon 2 of transcript AGAP003309-PA;exon=> In CDS Exon 2 of transcript AGAP003309-PB
JHU_Ag_59839	VVDDNGDVHLEK	AGAP003309-PA,AGAP003309-PB	N5(Deamidated)	106	3.38E-10	1	1339.651	1.6	Head	2R:+:35643464-35643499;2R:+:35643464-35643499	exon=> In CDS Exon 2 of transcript AGAP003309-PA;exon=> In CDS Exon 2 of transcript AGAP003309-PB
JHU_Ag_83005	KFSDEEIHEDEK	AGAP003309-PA,AGAP003309-PB	-	90	7.67E-09	1	1505.670	-3.76	Head	2R:+:35643389-35643424;2R:+:35643389-35643424	exon=> In CDS Exon 2 of transcript AGAP003309-PA;exon=> In CDS Exon 2 of transcript AGAP003309-PB

JHU_Ag_92654	TGVTEEAIK	AGAP003309-PA,AGAP003309-PB	-	53	8.70E-05	2	947.504	-0.2	Head	2R:+:35643268-35643283,35643378-35643388;2R:+:35643268-35643283,35643378-35643388	exon=> In CDS Exon 1 and 2 of transcript AGAP003309-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003309-PB
JHU_Ag_107222	LHDSLPSSMHDIAMHMGK	AGAP003309-PA,AGAP003309-PB	M9(Oxidation), M14(Oxidation), M16(Oxidation)	70	9.10E-07	1	2054.906	-1.61	Head	2R:+:35643500-35643553;2R:+:35643500-35643553	exon=> In CDS Exon 2 of transcript AGAP003309-PA;exon=> In CDS Exon 2 of transcript AGAP003309-PB
JHU_Ag_64147	ATQVTSIPVDQDNK	AGAP003312-PB,AGAP003312-PA	-	43	0.000630979	2	1515.767	1.5	Head	2R:-:35782206-35782165;2R:-:35782206-35782165	exon=> In CDS Exon 2 of transcript AGAP003312-PB;exon=> In CDS Exon 2 of transcript AGAP003312-PA
JHU_Ag_95826	DEDSCQIFVPFVSDVR	AGAP003312-PB,AGAP003312-PA	C5(Carbamidomethyl)	33	0.005945796	2	1912.879	2.12	Head	2R:-:35777439-35777660,35776943-35777303;2R:-:35777439-35777660,35776943-35777303	exon=> In CDS Exon 7 and 6 of transcript AGAP003312-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP003312-PA
JHU_Ag_10846	FLSIGQPLLNYEAHSR	AGAP003313-PA	-	100	1.21E-09	1	1844.964	-0.62	Midgut	2R:+:35825091-35825138	exon=> In CDS Exon 1 of transcript AGAP003313-PA
JHU_Ag_21950	VHEALKPIQWLIGTWESVTAK	AGAP003313-PA	-	114	1.42E-11	1	2406.334	6.74	Ovary	2R:+:35824980-35825042	exon=> In CDS Exon 1 of transcript AGAP003313-PA
JHU_Ag_52058	DFSYNEVIK	AGAP003313-PA	-	50	0.000110259	1	1114.543	1.53	Ovary	2R:+:35825064-35825090	exon=> In CDS Exon 1 of transcript AGAP003313-PA
JHU_Ag_67556	HPESGAPMHLER	AGAP003313-PA	M8(Oxidation)	74	4.68E-07	1	1376.638	0.39	Ovary	2R:+:35825139-35825174	exon=> In CDS Exon 1 of transcript AGAP003313-PA
JHU_Ag_70871	FLSIGQPLLNYEAHSR	AGAP003313-PA	-	83	5.66E-08	1	1844.968	1.17	Ovary	2R:+:35825091-35825138	exon=> In CDS Exon 1 of transcript AGAP003313-PA
JHU_Ag_79528	VHEALKPIQWLIGTWESVTAK	AGAP003313-PA	-	59	4.80E-06	1	2406.322	1.8	Malpighian tubule	2R:+:35824980-35825042	exon=> In CDS Exon 1 of transcript AGAP003313-PA
JHU_Ag_83767	FLSIGQPLLNYEAHSR	AGAP003313-PA	-	47	0.000206756	1	1844.971	2.76	Male reproductive organs	2R:+:35825091-35825138	exon=> In CDS Exon 1 of transcript AGAP003313-PA
JHU_Ag_1750	IAIDTLQPIVEEHQNR	AGAP003315-PA	-	48	0.000190124	1	1875.997	2.55	Salivary gland	2R:-:35837825-35837778	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_8730	IAIDTLQPIVEEHQNR	AGAP003315-PA	-	49	0.000156598	1	1875.991	-0.48	Ovary	2R:-:35837825-35837778	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_15955	DLHTLLNAVEAGKK	AGAP003315-PA	-	73	2.58E-07	1	1508.842	-0.52	Male reproductive organs	2R:-:35838772-35838731	exon=> In CDS Exon 2 of transcript AGAP003315-PA
JHU_Ag_23499	DLHTLLNAVEAGKK	AGAP003315-PA	-	51	3.61E-05	1	1508.845	1.42	Ovary	2R:-:35838772-35838731	exon=> In CDS Exon 2 of transcript AGAP003315-PA
JHU_Ag_25689	FFLEDDAELER	AGAP003315-PA	-	97	2.29E-09	1	1383.645	1.31	Ovary	2R:-:35837909-35837877	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_26154	GPSSDSMHLGHLVPFIVTK	AGAP003315-PA	M7(Oxidation)	77	2.60E-07	1	2038.050	3.7	Head	2R:-:35838709-35838882,35837625-35838576	exon=> In CDS Exon 3 and 2 of transcript AGAP003315-PA
JHU_Ag_30871	DVTDEVLNLFLTPR	AGAP003315-PA	-	73	7.54E-07	1	1631.859	-3.17	Ovary	2R:-:35837771-35837730	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_42519	DLHTLLNAVEAGK	AGAP003315-PA	-	58	1.97E-05	1	1380.746	-1.33	Head	2R:-:35838772-35838734	exon=> In CDS Exon 2 of transcript AGAP003315-PA
JHU_Ag_54528	GIFGFGDSDVIGK	AGAP003315-PA	-	45	0.000325381	2	1311.664	4.18	Salivary gland	2R:-:35838326-35838288	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_70615	LGFPKPALIHSSFFPALQGAR	AGAP003315-PA	-	38	0.000482114	1	2254.253	1.53	Male reproductive organs	2R:-:35838143-35838081	exon=> In CDS Exon 3 of transcript AGAP003315-PA

JHU_Ag_83902	IAIDTLQPIVEEHQNR	AGAP003315-PA	-	37	0.002330021	1	1875.994	0.6	Male reproductive organs	2R:-:35837825-35837778	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_84670	IAIDTLQPIVEEHQNR	AGAP003315-PA	-	59	1.61E-05	1	1875.997	2.36	Head	2R:-:35837825-35837778	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_89367	FGCSHIDAALIER	AGAP003315-PA	C3(Carbamidomethyl)	69	1.65E-06	1	1488.728	1.11	Head	2R:-:35838877-35838839	exon=> In CDS Exon 2 of transcript AGAP003315-PA
JHU_Ag_95247	GIFGFGDSDVIGK	AGAP003315-PA	-	38	0.001564562	2	1311.662	3.34	Malpighian tubule	2R:-:35838326-35838288	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_105462	DLHTLLNAVEAGKK	AGAP003315-PA	-	38	0.000882405	1	1508.839	-2.53	Head	2R:-:35838772-35838731	exon=> In CDS Exon 2 of transcript AGAP003315-PA
JHU_Ag_114220	GIFGFGDSDVIGK	AGAP003315-PA	-	61	1.00E-05	2	1311.654	-2.99	Ovary	2R:-:35838326-35838288	exon=> In CDS Exon 3 of transcript AGAP003315-PA
JHU_Ag_66861	SLEENNGKDR	AGAP003316-PA	-	36	0.003344803	2	1161.551	1.24	Ovary	2R:+:35840776-35840805	exon=> In CDS Exon 2 of transcript AGAP003316-PA
JHU_Ag_70436	IFGSLLGTLQK	AGAP003316-PA	-	72	1.31E-07	2	1176.702	2.83	Ovary	2R:+:35840256-35840288	exon=> In CDS Exon 1 of transcript AGAP003316-PA
JHU_Ag_7855	GYTSGGSTIHSNR	AGAP003317-PA	-	48	0.000185269	2	1336.620	-3	Head	2R:-:35843514-35843476	exon=> In CDS Exon 6 of transcript AGAP003317-PA
JHU_Ag_45988	DDSGAVALK	AGAP003317-PA	-	41	0.001309975	2	875.449	2.17	Head	2R:-:35845110-35845084	exon=> In CDS Exon 3 of transcript AGAP003317-PA
JHU_Ag_72906	TLELADDKFYVITCGK	AGAP003317-PA	C14(Carbamidomethyl)	66	3.94E-06	1	1872.943	0.91	Salivary gland	2R:-:35845929-35845882	exon=> In CDS Exon 2 of transcript AGAP003317-PA
JHU_Ag_53435	TFAGIFGDM	AGAP003318-PA	M9(Oxidation)	49	7.22E-05	1	974.431	1.73	Head	2R:+:35928017-35928043	exon=> In CDS Exon 10 of transcript AGAP003318-PA
JHU_Ag_5537	QAKPFRPDFILVR	AGAP003318-PA,AGAP003318-PB	-	44	0.000114121	1	1586.921	2.54	Head	2R:+:35903607-35903645;2R:+:35903607-35903645	exon=> In CDS Exon 4 of transcript AGAP003318-PA;exon=> In CDS Exon 4 of transcript AGAP003318-PB
JHU_Ag_20869	IGTSYK	AGAP003318-PA,AGAP003318-PB	-	34	0.001611981	1	668.360	-2.73	Head	2R:+:35924315-35924332;2R:+:35924315-35924332	exon=> In CDS Exon 6 of transcript AGAP003318-PA;exon=> In CDS Exon 6 of transcript AGAP003318-PB
JHU_Ag_31431	SSFTSNVNFLKR	AGAP003318-PA,AGAP003318-PB	-	69	1.25E-06	1	1399.736	2.49	Head	2R:+:35901349-35901384;2R:+:35901349-35901384	exon=> In CDS Exon 2 of transcript AGAP003318-PA;exon=> In CDS Exon 2 of transcript AGAP003318-PB
JHU_Ag_35412	FDVHIQK	AGAP003318-PA,AGAP003318-PB	-	50	9.96E-05	1	886.475	-3.82	Head	2R:+:35924294-35924314;2R:+:35924294-35924314	exon=> In CDS Exon 6 of transcript AGAP003318-PA;exon=> In CDS Exon 6 of transcript AGAP003318-PB
JHU_Ag_37501	QIADLVVGR	AGAP003318-PA,AGAP003318-PB	-	65	1.94E-06	2	970.570	2.43	Head	2R:+:35926447-35926473;2R:+:35926447-35926473	exon=> In CDS Exon 8 of transcript AGAP003318-PA;exon=> In CDS Exon 8 of transcript AGAP003318-PB
JHU_Ag_48818	EFIISAADSTFPLMGDTQEEDRR	AGAP003318-PA,AGAP003318-PB	M14(Oxidation)	93	6.79E-09	1	2644.226	2.27	Head	2R:+:35926378-35926446;2R:+:35926378-35926446	exon=> In CDS Exon 8 of transcript AGAP003318-PA;exon=> In CDS Exon 8 of transcript AGAP003318-PB
JHU_Ag_51897	LHSDYDIR	AGAP003318-PA,AGAP003318-PB	-	33	0.007422266	2	1018.496	0.98	Head	2R:+:35903496-35903519;2R:+:35903496-35903519	exon=> In CDS Exon 4 of transcript AGAP003318-PA;exon=> In CDS Exon 4 of transcript AGAP003318-PB
JHU_Ag_52431	RLHSDYDIR	AGAP003318-PA,AGAP003318-PB	-	38	0.003065964	2	1174.594	-2.41	Head	2R:+:35903493-35903519;2R:+:35903493-35903519	exon=> In CDS Exon 4 of transcript AGAP003318-PA;exon=> In CDS Exon 4 of transcript AGAP003318-PB
JHU_Ag_54254	VPAAGAGPGGPSVVEDAEDTMK	AGAP003318-PA,AGAP003318-PB	M21(Oxidation)	181	1.20E-17	1	2054.970	-0.13	Head	2R:+:35927939-35928004;2R:+:35927939-35928004	exon=> In CDS Exon 10 of transcript AGAP003318-PA;exon=> In CDS Exon 10 of transcript AGAP003318-PB
JHU_Ag_57990	GTSPTEDAPPVPIGTRPVPVGGGPPPIPER	AGAP003318-PA,AGAP003318-PB	-	110	6.74E-11	1	2944.554	0.5	Head	2R:+:35926620-35926709;2R:+:35926620-35926709	exon=> In CDS Exon 9 of transcript AGAP003318-PA;exon=> In CDS Exon 9 of transcript AGAP003318-PB

JHU_Ag_69110	APTLNSVGR	AGAP003318-PA,AGAP003318-PB	-	46	0.000335048	2	914.507	1.77	Head	2R:+:35926794-35926820;2R:+:35926794-35926820	exon=> In CDS Exon 9 of transcript AGAP003318-PA;exon=> In CDS Exon 9 of transcript AGAP003318-PB
JHU_Ag_79649	FSSGDLSSECEDVDPK	AGAP003318-PA,AGAP003318-PB	C10(Carbamidomethyl)	102	2.18E-10	1	1771.734	0.72	Head	2R:+:35902931-35902978;2R:+:35902931-35902978	exon=> In CDS Exon 3 of transcript AGAP003318-PA;exon=> In CDS Exon 3 of transcript AGAP003318-PB
JHU_Ag_79763	TNQGSAMLEQIPMTEK	AGAP003318-PA,AGAP003318-PB	M7(Oxidation), M13(Oxidation)	77	2.63E-07	2	1809.840	2.25	Head	2R:+:35924458-35924505;2R:+:35924458-35924505	exon=> In CDS Exon 7 of transcript AGAP003318-PA;exon=> In CDS Exon 7 of transcript AGAP003318-PB
JHU_Ag_85674	SSFTSNVNFLK	AGAP003318-PA,AGAP003318-PB	-	69	1.97E-06	1	1243.636	3.33	Head	2R:+:35901349-35901381;2R:+:35901349-35901381	exon=> In CDS Exon 2 of transcript AGAP003318-PA;exon=> In CDS Exon 2 of transcript AGAP003318-PB
JHU_Ag_89852	VQSLTGAAR	AGAP003318-PA,AGAP003318-PB	-	47	0.000489944	2	902.505	-0.51	Head	2R:+:35903231-35903257;2R:+:35903231-35903257	exon=> In CDS Exon 3 of transcript AGAP003318-PA;exon=> In CDS Exon 3 of transcript AGAP003318-PB
JHU_Ag_96347	DQGASIIGAAVSTASR	AGAP003318-PA,AGAP003318-PB	-	134	6.97E-13	1	1503.779	1.66	Head	2R:+:35903258-35903279,35903380-35903405;2R:+:35903258-35903279,35903380-35903405	exon=> In CDS Exon 3 and 4 of transcript AGAP003318-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003318-PB
JHU_Ag_99016	DSQASQSSSVSGVSSASAAR	AGAP003318-PA,AGAP003318-PB	-	159	1.66E-15	1	1868.862	2.06	Head	2R:+:35926824-35926833,35927874-35927923;2R:+:35926824-35926833,35927874-35927923	exon=> In CDS Exon 9 and 10 of transcript AGAP003318-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP003318-PB
JHU_Ag_101346	DAFPLVEQTFFPNPK	AGAP003318-PA,AGAP003318-PB	-	105	4.77E-10	1	1749.889	2.35	Head	2R:+:35904747-35904791;2R:+:35904747-35904791	exon=> In CDS Exon 5 of transcript AGAP003318-PA;exon=> In CDS Exon 5 of transcript AGAP003318-PB
JHU_Ag_107596	DQGASIIGAAVSTASR	AGAP003318-PA,AGAP003318-PB	-	113	8.72E-11	2	1503.778	1.25	Visceras	2R:+:35903258-35903279,35903380-35903405;2R:+:35903258-35903279,35903380-35903405	exon=> In CDS Exon 3 and 4 of transcript AGAP003318-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003318-PB
JHU_Ag_109186	HGSFSSQSGEPPEQPSER	AGAP003318-PA,AGAP003318-PB	-	158	1.09E-15	1	1942.848	-2.48	Head	2R:+:35926740-35926793;2R:+:35926740-35926793	exon=> In CDS Exon 9 of transcript AGAP003318-PA;exon=> In CDS Exon 9 of transcript AGAP003318-PB
JHU_Ag_116137	GTSAPSSPAK	AGAP003318-PA,AGAP003318-PB	-	46	0.000503862	1	902.461	3.92	Head	2R:+:35903177-35903206;2R:+:35903177-35903206	exon=> In CDS Exon 3 of transcript AGAP003318-PA;exon=> In CDS Exon 3 of transcript AGAP003318-PB
JHU_Ag_117171	TTPGVGSIGR	AGAP003318-PA,AGAP003318-PB	-	44	0.000735021	2	944.515	-1.34	Head	2R:+:35926710-35926739;2R:+:35926710-35926739	exon=> In CDS Exon 9 of transcript AGAP003318-PA;exon=> In CDS Exon 9 of transcript AGAP003318-PB
JHU_Ag_8992	YTIQQGIR	AGAP003318-PB	-	45	0.000357589	2	978.535	-1.56	Head	2R:+:35928606-35928629	exon=> In CDS Exon 12 of transcript AGAP003318-PB
JHU_Ag_33999	RPAYDPALSER	AGAP003318-PB	-	55	4.88E-05	1	1274.647	-1.12	Head	2R:+:35928453-35928485	exon=> In CDS Exon 12 of transcript AGAP003318-PB
JHU_Ag_88276	SASVSGATGHPTSSK	AGAP003318-PB	-	98	1.79E-09	1	1373.669	2.74	Head	2R:+:35928534-35928578	exon=> In CDS Exon 12 of transcript AGAP003318-PB
JHU_Ag_61285	SKTDLLIQR	AGAP003320-PA	-	34	0.002699746	1	1073.635	3.08	Malpighian tubule	2R:+:35958360-35958386	exon=> In CDS Exon 4 of transcript AGAP003320-PA

JHU_Ag_2605	ISDQNEIWR	AGAP003321-PA	-	49	0.000166897	2	1160.573	2.73	Salivary gland	2R:+:35965362-35965388	exon=> In CDS Exon 3 of transcript AGAP003321-PA
JHU_Ag_13795	ILNIEDPLNEHELIER	AGAP003321-PA	-	88	2.05E-08	1	1947.027	4.37	Malpighian tubule	2R:+:35963029-35963053,35965330-35965352	exon=> In CDS Exon 2 and 3 of transcript AGAP003321-PA
JHU_Ag_30700	KTDVVTMLNSIGFK	AGAP003321-PA	M7(Oxidation)	36	0.002401408	2	1568.841	3.45	Malpighian tubule	2R:+:35962733-35962774	exon=> In CDS Exon 1 of transcript AGAP003321-PA
JHU_Ag_34042	ILNIEDPLNEHELIER	AGAP003321-PA	-	42	0.000892902	1	1947.020	0.76	Ovary	2R:+:35963029-35963053,35965330-35965352	exon=> In CDS Exon 2 and 3 of transcript AGAP003321-PA
JHU_Ag_41048	SYIGMGYHNCLVPHPILR	AGAP003321-PA	M5(Oxidation), C10(Carbamidomethyl)	53	8.24E-05	1	2143.066	3.91	Head	2R:+:35965389-35965442	exon=> In CDS Exon 3 of transcript AGAP003321-PA
JHU_Ag_46566	ILNIEDPLNEHELIER	AGAP003321-PA	-	37	0.002510258	1	1947.028	5.18	Salivary gland	2R:+:35963029-35963053,35965330-35965352	exon=> In CDS Exon 2 and 3 of transcript AGAP003321-PA
JHU_Ag_79154	ISDQNEIWR	AGAP003321-PA	-	43	0.00069959	2	1160.569	-0.53	Head	2R:+:35965362-35965388	exon=> In CDS Exon 3 of transcript AGAP003321-PA
JHU_Ag_99742	KTDVVTMLNSIGFK	AGAP003321-PA	M7(Oxidation)	41	0.000673725	2	1568.845	6.17	Salivary gland	2R:+:35962733-35962774	exon=> In CDS Exon 1 of transcript AGAP003321-PA
JHU_Ag_100772	ILNIEDPLNEHELIER	AGAP003321-PA	-	92	8.26E-09	1	1947.022	1.93	Head	2R:+:35963029-35963053,35965330-35965352	exon=> In CDS Exon 2 and 3 of transcript AGAP003321-PA
JHU_Ag_116788	NVFENPGWTTQYTPYQPEISQGR	AGAP003321-PA	-	78	2.20E-07	2	2712.274	2.03	Visceras	2R:+:35965443-35965511	exon=> In CDS Exon 3 of transcript AGAP003321-PA
JHU_Ag_5112	LDVIIFGASGFTGK	AGAP003322-PA,AGAP002652-PB	-	101	7.04E-10	1	1424.777	-0.76	Head	2R:-:35973214-35973173;2R:+:25165183-25165224	exon=> In CDS Exon 1 of transcript AGAP003322-PA;exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_112854	LDVIIFGASGFTGK	AGAP003322-PA,AGAP002652-PB	-	103	3.88E-10	1	1424.782	2.67	Male reproductive organs	2R:-:35973214-35973173;2R:+:25165183-25165224	exon=> In CDS Exon 1 of transcript AGAP003322-PA;exon=> In CDS Exon 1 of transcript AGAP002652-PB
JHU_Ag_6250	MQGLTMASLK	AGAP003325-PA	M1(Oxidation), M6(Oxidation)	63	6.39E-06	2	1111.548	-0.58	Ovary	2R:+:35980660-35980689	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_6452	SPEVTWSR	AGAP003325-PA	-	54	7.49E-05	1	961.473	-1.28	Head	2R:+:35980990-35981013	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_7104	FYSPVRDYSNISSPAPK	AGAP003325-PA	-	58	2.73E-05	1	1927.943	-6.16	Head	2R:+:35981279-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_14377	KNNPEPWEEYR	AGAP003325-PA	-	61	1.07E-05	1	1461.676	0.46	Salivary gland	2R:+:35981014-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_16682	MQGLTMASLKK	AGAP003325-PA	M1(Oxidation), M6(Oxidation)	60	1.38E-05	2	1239.644	0.37	Head	2R:+:35980660-35980692	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_18238	DYSNISSPAPK	AGAP003325-PA	-	52	9.46E-05	2	1178.569	0.47	Salivary gland	2R:+:35981297-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_18428	NNPEPWEEYR	AGAP003325-PA	-	50	6.26E-05	2	1333.577	-2.52	Midgut	2R:+:35981017-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_24203	MQGLTMASLK	AGAP003325-PA	M6(Oxidation),M1(Oxidation),"M1(Oxidation), M6(Oxidation)"	69	1.99E-06	2	1079.560	1.29	Malpighian tubule	2R:+:35980660-35980689	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_24864	MQGLTMASLKK	AGAP003325-PA	N-Term(Acetyl), M1(Oxidation), M6(Oxidation)	57	2.83E-05	1	1281.657	2.21	Malpighian tubule	2R:+:35980660-35980692	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_29574	SPEVTWSR	AGAP003325-PA	-	47	0.000327574	1	961.475	1.7	Salivary gland	2R:+:35980990-35981013	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_36025	LALKSPEVTWSR	AGAP003325-PA	-	66	2.36E-06	1	1386.776	1.59	Visceras	2R:+:35980978-35981013	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_36388	DYSNISSPAPK	AGAP003325-PA	-	47	0.00030118	2	1178.569	0.16	Pupa	2R:+:35981297-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA

JHU_Ag_36419	MQGLTMASLK	AGAP003325-PA	N-Term(Acetyl), M1(Oxidation), M6(Oxidation)	40	0.001231796	2	1153.561	1.29	Malpighian tubule	2R:+:35980660-35980689	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_37627	KNNPEPWEEYR	AGAP003325-PA	-	78	2.11E-07	2	1461.674	-0.96	Head	2R:+:35981014-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_47530	DYSNISSPAPK	AGAP003325-PA	-	55	5.15E-05	1	1178.570	1.09	Ovary	2R:+:35981297-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_53286	NNPEPWEEYR	AGAP003325-PA	-	50	7.48E-05	1	1333.582	0.96	Malpighian tubule	2R:+:35981017-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_53369	MQGLTMASLKK	AGAP003325-PA	N-Term(Acetyl), M1(Oxidation), M6(Oxidation)	35	0.005172809	2	1281.652	-2.08	Head	2R:+:35980660-35980692	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_55882	KNNPEPWEEYR	AGAP003325-PA	-	84	4.68E-08	2	1461.678	1.46	Midgut	2R:+:35981014-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_57225	NNPEPWEEYR	AGAP003325-PA	-	66	1.58E-06	1	1333.582	0.59	Ovary	2R:+:35981017-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_59589	KNNPEPWEEYR	AGAP003325-PA	-	66	3.56E-06	1	1461.679	2.21	Visceras	2R:+:35981014-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_60281	NPALIPLYVCIAMGSAGAVFYTLR	AGAP003325-PA	C10(Carbamidomethyl), M13(Oxidation)	57	1.58E-05	1	2613.366	3.56	Ovary	2R:+:35980693-35980701,35980915-35980977	exon=> In CDS Exon 1 and 2 of transcript AGAP003325-PA
JHU_Ag_66371	FYSPVR	AGAP003325-PA	-	32	0.004854999	1	768.403	-1.2	Head	2R:+:35981279-35981296	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_71711	DYSNISSPAPK	AGAP003325-PA	-	66	4.12E-06	1	1178.571	1.92	Malpighian tubule	2R:+:35981297-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_72914	SPEVTWSR	AGAP003325-PA	-	53	7.61E-05	1	961.477	2.97	Malpighian tubule	2R:+:35980990-35981013	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_77450	DYSNISSPAPK	AGAP003325-PA	-	76	4.33E-07	1	1178.568	-0.81	Head	2R:+:35981297-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_78211	MQGLTMASLKK	AGAP003325-PA	M1(Oxidation), M6(Oxidation)	61	9.70E-06	2	1239.645	0.86	Midgut	2R:+:35980660-35980692	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_82379	FYSPVRDYSNISSPAPK	AGAP003325-PA	-	83	9.11E-08	1	1927.956	0.36	Malpighian tubule	2R:+:35981279-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_83937	MQGLTMASLK	AGAP003325-PA	M1(Oxidation),"M1(Oxidation), M6(Oxidation)"	63	7.38E-06	2	1079.556	-2.66	Midgut	2R:+:35980660-35980689	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_85271	DYSNISSPAPK	AGAP003325-PA	-	72	1.17E-06	2	1178.570	1.19	Visceras	2R:+:35981297-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_86416	MQGLTMASLK	AGAP003325-PA	M6(Oxidation),"M1(Oxidation), M6(Oxidation)"	78	2.40E-07	2	1079.556	-2.44	Head	2R:+:35980660-35980689	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_86895	MQGLTMASLKK	AGAP003325-PA	M1(Oxidation), M6(Oxidation),M1(Oxidation)	55	4.02E-05	2	1239.644	0.17	Visceras	2R:+:35980660-35980692	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_87443	SPEVTWSR	AGAP003325-PA	-	55	5.46E-05	2	961.474	0.63	Visceras	2R:+:35980990-35981013	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_87892	NNPEPWEEYR	AGAP003325-PA	N1(Deamidated)	54	3.03E-05	1	1333.582	0.87	Head	2R:+:35981017-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_91315	KNNPEPWEEYR	AGAP003325-PA	-	81	1.00E-07	1	1461.679	2.21	Malpighian tubule	2R:+:35981014-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_91558	DYSNISSPAPK	AGAP003325-PA	-	57	3.45E-05	1	1178.571	1.98	Midgut	2R:+:35981297-35981329	exon=> In CDS Exon 3 of transcript AGAP003325-PA
JHU_Ag_92618	NNPEPWEEYRTK	AGAP003325-PA	-	63	6.75E-06	1	1562.727	2.26	Malpighian tubule	2R:+:35981017-35981052	exon=> In CDS Exon 2 of transcript AGAP003325-PA

JHU_Ag_104016	MQGLTMASLK	AGAP003325-PA	M6(Oxidation),"M1(Oxidation), M6(Oxidation)",M1(Oxidation)	72	7.56E-07	2	1111.550	1.51	Visceras	2R:+:35980660-35980689	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_105522	NNPEPWEEYR	AGAP003325-PA	-	47	0.000152791	2	1333.583	1.6	Visceras	2R:+:35981017-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_107670	MQGLTMASLKK	AGAP003325-PA	M1(Oxidation)	71	7.72E-07	1	1207.655	1.16	Malpighian tubule	2R:+:35980660-35980692	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_108296	KNNPEPWEEYR	AGAP003325-PA	-	66	3.37E-06	1	1461.679	1.91	Ovary	2R:+:35981014-35981046	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_111084	MQGLTMASLKK	AGAP003325-PA	N-Term(Acetyl), M1(Oxidation)	57	2.18E-05	1	1265.661	1.69	Malpighian tubule	2R:+:35980660-35980692	exon=> In CDS Exon 1 of transcript AGAP003325-PA
JHU_Ag_112011	LALKSPEVTWSR	AGAP003325-PA	-	50	8.91E-05	1	1386.774	-0.05	Head	2R:+:35980978-35981013	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_117278	LALKSPEVTWSR	AGAP003325-PA	-	89	1.24E-08	1	1386.776	1.62	Malpighian tubule	2R:+:35980978-35981013	exon=> In CDS Exon 2 of transcript AGAP003325-PA
JHU_Ag_114956	HLVDTELLR	AGAP003327-PA	-	41	0.000499864	1	1095.614	-1.3	Head	2R:+:36017293-36017319	exon=> In CDS Exon 3 of transcript AGAP003327-PA
JHU_Ag_14790	TNGTATPVESTNAEDVPSSEIK	AGAP003331-PA	-	40	0.00138221	2	2247.070	3.44	Head	2R:-:36112726-36112661	exon=> In CDS Exon 6 of transcript AGAP003331-PA
JHU_Ag_52296	TAVTSATPDTVDDSK	AGAP003331-PA	-	47	0.000282187	1	1507.714	1.16	Head	2R:-:36113134-36113090	exon=> In CDS Exon 6 of transcript AGAP003331-PA
JHU_Ag_383	KAEVEGVVPIPTGDSEDIIPEIVK	AGAP003331-PB,AGAP003331-PA	-	39	0.000609876	3	2534.369	3.64	Malpighian tubule	2R:-:36117196-36117313,36116922-36117026;2R:-:36117196-36117313,36116922-36117026	exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PA
JHU_Ag_7883	AAVVALGANVLSAK	AGAP003331-PB,AGAP003331-PA	N-Term(Acetyl)	94	1.58E-09	2	1325.781	1.69	Pupa	2R:-:36121810-36121769;2R:-:36121810-36121769	exon=> In CDS Exon 1 of transcript AGAP003331-PB;exon=> In CDS Exon 1 of transcript AGAP003331-PA
JHU_Ag_8102	LLFEHSEQGDLLK	AGAP003331-PB,AGAP003331-PA	-	76	3.79E-07	1	1528.801	0.35	Ovary	2R:-:36116750-36116712;2R:-:36116750-36116712	exon=> In CDS Exon 4 of transcript AGAP003331-PB;exon=> In CDS Exon 4 of transcript AGAP003331-PA
JHU_Ag_8626	KAEVEGVVPIPTGDSEDIIPEIVK	AGAP003331-PB,AGAP003331-PA	-	50	4.43E-05	1	2534.372	4.8	Midgut	2R:-:36117196-36117313,36116922-36117026;2R:-:36117196-36117313,36116922-36117026	exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PA
JHU_Ag_10857	SIICDIEGTTTSISFVK	AGAP003331-PB,AGAP003331-PA	C4(Carbamidomethyl)	70	1.39E-06	1	1870.944	-1.36	Ovary	2R:-:36121768-36121718;2R:-:36121768-36121718	exon=> In CDS Exon 1 of transcript AGAP003331-PB;exon=> In CDS Exon 1 of transcript AGAP003331-PA
JHU_Ag_11691	TVVTALR	AGAP003331-PB,AGAP003331-PA	-	45	0.000474733	2	759.471	-1.87	Ovary	2R:-:36117238-36117218;2R:-:36117238-36117218	exon=> In CDS Exon 2 of transcript AGAP003331-PB;exon=> In CDS Exon 2 of transcript AGAP003331-PA
JHU_Ag_12174	AAVVALGANVLSAK	AGAP003331-PB,AGAP003331-PA	N-Term(Acetyl)	90	3.96E-09	2	1325.785	4.73	Malpighian tubule	2R:-:36121810-36121769;2R:-:36121810-36121769	exon=> In CDS Exon 1 of transcript AGAP003331-PB;exon=> In CDS Exon 1 of transcript AGAP003331-PA

JHU_Ag_19484	EAGLNVVLLDRPGNSELSEEER	AGAP003331-PB,AGAP003331-PA	-	122	9.69E-12	1	2426.218	0.76	Ovary	2R:-:36116361-36116296;2R:-:36116361-36116296	exon=> In CDS Exon 5 of transcript AGAP003331-PB;exon=> In CDS Exon 5 of transcript AGAP003331-PA
JHU_Ag_19794	GHVYDDVQK	AGAP003331-PB,AGAP003331-PA	-	35	0.003714343	2	1060.501	-4.3	Head	2R:-:36116926-36117058,36116588-36116823;2R:-:36116926-36117058,36116588-36116823	exon=> In CDS Exon 4 and 3 of transcript AGAP003331-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP003331-PA
JHU_Ag_30056	AAVVALGANVLSAK	AGAP003331-PB,AGAP003331-PA	N-Term(Acetyl)	86	9.96E-09	2	1325.780	1.23	Male reproductive organs	2R:-:36121810-36121769;2R:-:36121810-36121769	exon=> In CDS Exon 1 of transcript AGAP003331-PB;exon=> In CDS Exon 1 of transcript AGAP003331-PA
JHU_Ag_31307	IEETNDDVAEEDK	AGAP003331-PB,AGAP003331-PA	-	105	1.88E-10	2	1506.644	-0.13	Head	2R:-:36116202-36116164;2R:-:36116202-36116164	exon=> In CDS Exon 5 of transcript AGAP003331-PB;exon=> In CDS Exon 5 of transcript AGAP003331-PA
JHU_Ag_34974	AEVEGVVPIPTGDSEDIIPEIVK	AGAP003331-PB,AGAP003331-PA	-	40	0.000717235	1	2406.278	5.31	Head	2R:-:36117193-36117313,36116922-36117026;2R:-:36117193-36117313,36116922-36117026	exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PA
JHU_Ag_38101	NIESSPEEALFLTDVYAEAK	AGAP003331-PB,AGAP003331-PA	-	114	5.74E-11	1	2226.082	0.12	Ovary	2R:-:36116639-36116844,36116137-36116371;2R:-:36116639-36116844,36116158-36116371	exon=> In CDS Exon 5 and 4 of transcript AGAP003331-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP003331-PA
JHU_Ag_44039	KAEVEGVVPIPTGDSEDIIPEIVK	AGAP003331-PB,AGAP003331-PA	-	34	0.001738651	1	2534.373	5.23	Head	2R:-:36117196-36117313,36116922-36117026;2R:-:36117196-36117313,36116922-36117026	exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP003331-PA
JHU_Ag_67414	AAVVALGANVLSAK	AGAP003331-PB,AGAP003331-PA	N-Term(Acetyl)	110	3.66E-11	1	1325.780	1.23	Ovary	2R:-:36121810-36121769;2R:-:36121810-36121769	exon=> In CDS Exon 1 of transcript AGAP003331-PB;exon=> In CDS Exon 1 of transcript AGAP003331-PA
JHU_Ag_71592	NIESSPEEALFLTDVYAEAK	AGAP003331-PB,AGAP003331-PA	-	109	2.19E-10	1	2226.086	1.98	Head	2R:-:36116639-36116844,36116137-36116371;2R:-:36116639-36116844,36116158-36116371	exon=> In CDS Exon 5 and 4 of transcript AGAP003331-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP003331-PA
JHU_Ag_88954	DTLFPYALK	AGAP003331-PB,AGAP003331-PA	-	37	0.001187255	1	1067.577	-0.47	Ovary	2R:-:36117313-36117287;2R:-:36117313-36117287	exon=> In CDS Exon 2 of transcript AGAP003331-PB;exon=> In CDS Exon 2 of transcript AGAP003331-PA
JHU_Ag_100601	EAGLNVVLLDRPGNSELSEEERK	AGAP003331-PB,AGAP003331-PA	-	89	1.03E-08	1	2554.317	2.28	Head	2R:-:36116361-36116293;2R:-:36116361-36116293	exon=> In CDS Exon 5 of transcript AGAP003331-PB;exon=> In CDS Exon 5 of transcript AGAP003331-PA

JHU_Ag_102228	EAGLNVVLLDRPGNSELSEEERK	AGAP003331-PB,AGAP003331-PA	-	85	2.27E-08	1	2554.308	-0.95	Malpighian tubule	2R:-:36116361-36116293;2R:-:36116361-36116293	exon=> In CDS Exon 5 of transcript AGAP003331-PB;exon=> In CDS Exon 5 of transcript AGAP003331-PA
JHU_Ag_103794	AAVVALGANVLSAK	AGAP003331-PB,AGAP003331-PA	N-Term(Acetyl)	95	1.27E-09	2	1325.785	4.64	Salivary gland	2R:-:36121810-36121769;2R:-:36121810-36121769	exon=> In CDS Exon 1 of transcript AGAP003331-PB;exon=> In CDS Exon 1 of transcript AGAP003331-PA
JHU_Ag_70358	LNNLR	AGAP003332-PA,AGAP002825-PA	-	33	0.005361953	1	629.377	6.83	Larva	2R:+:36131024-36131038;2R:-:28011110-28011096	exon=> In CDS Exon 1 of transcript AGAP003332-PA;exon=> In CDS Exon 2 of transcript AGAP002825-PA
JHU_Ag_20123	ALPVVHHAPVVHHAPVLK	AGAP003334-PA	-	128	7.97E-14	1	1921.129	0.43	Head	2R:+:36268953-36269006	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_21123	SVHVASPVLVHH	AGAP003334-PA	-	82	4.81E-08	1	1281.710	2.88	Head	2R:+:36269064-36269099	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_25803	TVVHSAPVVHSVHPVPVVK	AGAP003334-PA	-	111	1.31E-11	1	1988.143	-0.68	Pupa	2R:+:36269007-36269063	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_43280	TVAVHSAPVVAVHHAPVVK	AGAP003334-PA	-	90	2.28E-09	1	1918.104	0.79	Malpighian tubule	2R:+:36268896-36268952	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_46138	TVAVHSAPVVAVHHAPVVK	AGAP003334-PA	-	139	2.63E-14	1	1918.095	-3.6	Head	2R:+:36268896-36268952	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_59571	TVVHSAPVVHSVHPVPVVK	AGAP003334-PA	-	127	3.56E-13	1	1988.146	1.14	Head	2R:+:36269007-36269063	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_79175	TVVHSAPVVHSVHPVPVVK	AGAP003334-PA	-	90	1.61E-09	1	1988.144	0.18	Malpighian tubule	2R:+:36269007-36269063	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_89425	TVVHSAPVVHSVHPVPVVK	AGAP003334-PA	-	95	6.12E-10	1	1988.138	-3.01	Midgut	2R:+:36269007-36269063	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_92442	SVHVASPVLVHH	AGAP003334-PA	-	52	4.18E-05	1	1281.708	1.45	Malpighian tubule	2R:+:36269064-36269099	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_117366	TVAVHSAPVVAVHHAPVVK	AGAP003334-PA	-	70	2.01E-07	1	1918.102	0.03	Pupa	2R:+:36268896-36268952	exon=> In CDS Exon 3 of transcript AGAP003334-PA
JHU_Ag_9249	EAILIDPVLEQAKR	AGAP003337-PA	-	63	1.17E-06	1	1594.918	0.88	Male reproductive organs	2R:-:36290556-36290515	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_11590	IFTLPENFR	AGAP003337-PA	-	34	0.004023464	2	1136.612	2.03	Visceras	2R:-:36290084-36290058	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_11827	DAQLIKELGFTLK	AGAP003337-PA	-	108	5.03E-11	1	1475.857	6.76	Malpighian tubule	2R:-:36290514-36290476	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_12464	EAILIDPVLEQAK	AGAP003337-PA	-	68	7.21E-07	2	1438.818	1.77	Head	2R:-:36290556-36290518	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_13931	QLLPGTVSVISQSSGAK	AGAP003337-PA	-	89	6.32E-09	2	1671.932	2.49	Head	2R:-:36290351-36290301	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_19109	LTKDVEAFVELMNNLNLPYPK	AGAP003337-PA	M12(Oxidation)	72	6.80E-07	1	2464.290	4.38	Malpighian tubule	2R:-:36289904-36289842	exon=> In CDS Exon 4 of transcript AGAP003337-PA
JHU_Ag_21058	EAILIDPVLEQAK	AGAP003337-PA	-	50	4.77E-05	2	1438.816	0.84	Visceras	2R:-:36290556-36290518	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_25194	KPFTEDFFFR	AGAP003337-PA	-	56	4.43E-05	1	1333.661	2.31	Malpighian tubule	2R:-:36291237-36291208	exon=> In CDS Exon 1 of transcript AGAP003337-PA
JHU_Ag_28991	YALNTHMHADHVTGTGFLK	AGAP003337-PA	M7(Oxidation)	47	0.000322093	1	2129.017	-2.78	Head	2R:-:36290475-36290613,36290035-36290352	exon=> In CDS Exon 3 and 2 of transcript AGAP003337-PA
JHU_Ag_29274	EAILIDPVLEQAK	AGAP003337-PA	-	46	0.000111111	2	1438.818	1.6	Pupa	2R:-:36290556-36290518	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_37999	KPFTEDFFFR	AGAP003337-PA	-	40	0.00184572	2	1333.657	-0.16	Midgut	2R:-:36291237-36291208	exon=> In CDS Exon 1 of transcript AGAP003337-PA

JHU_Ag_38239	KPFTEDFFFR	AGAP003337-PA	-	66	5.29E-06	1	1333.658	0.39	Male reproductive organs	2R:-:36291237-36291208	exon=> In CDS Exon 1 of transcript AGAP003337-PA
JHU_Ag_42265	QLLPGTVSVISQSSGAK	AGAP003337-PA	-	76	1.44E-07	2	1671.927	-0.29	Midgut	2R:-:36290351-36290301	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_48552	EAILIDPVLEQAK	AGAP003337-PA	-	43	0.000209295	2	1438.818	1.6	Ovary	2R:-:36290556-36290518	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_51012	QLLPGTVSVISQSSGAK	AGAP003337-PA	-	87	1.22E-08	2	1671.931	2.05	Visceras	2R:-:36290351-36290301	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_59569	EAILIDPVLEQAKR	AGAP003337-PA	-	43	0.000115629	1	1594.918	0.8	Head	2R:-:36290556-36290515	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_66806	QLFDEQSHTYSYLLADITTK	AGAP003337-PA	-	49	0.000170747	1	2373.167	2.54	Visceras	2R:-:36291207-36291450,36290469-36290557	exon=> In CDS Exon 2 and 1 of transcript AGAP003337-PA
JHU_Ag_67027	HLVDNETVQFGR	AGAP003337-PA	-	83	6.52E-08	1	1414.705	-1.7	Head	2R:-:36290291-36290256	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_68901	KPFTEDFFFR	AGAP003337-PA	-	38	0.002650327	3	1333.654	-3.01	Head	2R:-:36291237-36291208	exon=> In CDS Exon 1 of transcript AGAP003337-PA
JHU_Ag_69425	YALNTHMHADHVTGTGFLK	AGAP003337-PA	M7(Oxidation)	52	0.000104535	1	2129.026	1.14	Larva	2R:-:36290475-36290613,36290035-36290352	exon=> In CDS Exon 3 and 2 of transcript AGAP003337-PA
JHU_Ag_72115	KPFTEDFFFR	AGAP003337-PA	-	48	0.000266897	2	1333.666	6.52	Ovary	2R:-:36291237-36291208	exon=> In CDS Exon 1 of transcript AGAP003337-PA
JHU_Ag_73651	HLVDNETVQFGR	AGAP003337-PA	-	69	1.77E-06	2	1414.709	1.06	Visceras	2R:-:36290291-36290256	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_81819	HLVDNETVQFGR	AGAP003337-PA	-	79	1.75E-07	1	1414.710	1.49	Malpighian tubule	2R:-:36290291-36290256	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_104211	QLLPGTVSVISQSSGAK	AGAP003337-PA	-	44	0.000201463	2	1671.934	4.02	Larva	2R:-:36290351-36290301	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_105372	EAILIDPVLEQAK	AGAP003337-PA	-	63	2.21E-06	2	1438.821	3.72	Malpighian tubule	2R:-:36290556-36290518	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_107858	KPFTEDFFFR	AGAP003337-PA	-	57	3.34E-05	1	1333.659	0.85	Visceras	2R:-:36291237-36291208	exon=> In CDS Exon 1 of transcript AGAP003337-PA
JHU_Ag_113300	TDFQEGDSR	AGAP003337-PA	-	60	4.83E-06	2	1054.444	0.24	Malpighian tubule	2R:-:36290138-36290112	exon=> In CDS Exon 3 of transcript AGAP003337-PA
JHU_Ag_114304	EAILIDPVLEQAK	AGAP003337-PA	-	40	0.000458193	2	1438.822	4.48	Midgut	2R:-:36290556-36290518	exon=> In CDS Exon 2 of transcript AGAP003337-PA
JHU_Ag_13225	FIGLVDANMIENLIGK	AGAP003338-PA	M9(Oxidation)	73	4.88E-07	1	1762.940	-0.3	Ovary	2R:+:36293349-36293396	exon=> In CDS Exon 2 of transcript AGAP003338-PA
JHU_Ag_35295	AVPAILAFR	AGAP003338-PA	-	48	5.82E-05	2	957.590	1.52	Ovary	2R:+:36293301-36293327	exon=> In CDS Exon 2 of transcript AGAP003338-PA
JHU_Ag_44696	NGVVVDK	AGAP003338-PA	N1(Deamidated)	51	0.000275134	1	731.395	2.25	Larva	2R:+:36293328-36293348	exon=> In CDS Exon 2 of transcript AGAP003338-PA
JHU_Ag_75949	AVPAILAFR	AGAP003338-PA	-	29	0.004499888	2	957.589	1.39	Salivary gland	2R:+:36293301-36293327	exon=> In CDS Exon 2 of transcript AGAP003338-PA
JHU_Ag_77735	FIGLVDANMIENLIGK	AGAP003338-PA	M9(Oxidation)	35	0.002801697	2	1762.952	6.07	Visceras	2R:+:36293349-36293396	exon=> In CDS Exon 2 of transcript AGAP003338-PA
JHU_Ag_81332	NGVVVDK	AGAP003338-PA	N1(Deamidated)	39	0.001495926	1	731.393	-0.76	Pupa	2R:+:36293328-36293348	exon=> In CDS Exon 2 of transcript AGAP003338-PA
JHU_Ag_2284	LGVAVPGAVEQPRDPATELR	AGAP003339-PA	-	57	1.26E-05	1	2075.125	0.11	Male reproductive organs	2R:+:36294930-36294967,36295036-36295057	exon=> In CDS Exon 2 and 3 of transcript AGAP003339-PA
JHU_Ag_8357	TVSTITYEALR	AGAP003339-PA	-	55	3.11E-05	2	1253.673	-0.19	Male reproductive organs	2R:+:36296189-36296221	exon=> In CDS Exon 3 of transcript AGAP003339-PA
JHU_Ag_11818	VYTITGCDDFSR	AGAP003339-PA	C7(Carbamidomethyl)	54	2.91E-05	1	1433.638	0.96	Male reproductive organs	2R:+:36294879-36294914	exon=> In CDS Exon 2 of transcript AGAP003339-PA

JHU_Ag_16880	ALWSDLER	AGAP003339-PA	-	46	0.000523738	1	989.504	-1.61	Male reproductive organs	2R:+:36296366-36296389	exon=> In CDS Exon 3 of transcript AGAP003339-PA
JHU_Ag_19810	FMEQHCEEFPLSNLGK	AGAP003339-PA	M2(Oxidation), C6(Carbamidomethyl)	57	1.89E-05	1	1981.875	-1.89	Male reproductive organs	2R:+:36296045-36296092	exon=> In CDS Exon 3 of transcript AGAP003339-PA
JHU_Ag_36713	IVDQEIVTLCR	AGAP003339-PA	C10(Carbamidomethyl)	66	3.32E-06	2	1345.717	2.03	Male reproductive organs	2R:+:36296252-36296284	exon=> In CDS Exon 3 of transcript AGAP003339-PA
JHU_Ag_39509	LQDHQFHITNADIYALR	AGAP003339-PA	-	99	1.49E-09	1	2055.039	-0.85	Male reproductive organs	2R:+:36295994-36296044	exon=> In CDS Exon 3 of transcript AGAP003339-PA
JHU_Ag_80035	EILIELLGER	AGAP003339-PA	-	52	3.50E-05	1	1184.690	0.88	Male reproductive organs	2R:+:36296222-36296251	exon=> In CDS Exon 3 of transcript AGAP003339-PA
JHU_Ag_108219	ILYYLEDDTMQVSEPR	AGAP003339-PA	M10(Oxidation)	64	4.70E-06	1	1987.927	-2.52	Male reproductive organs	2R:+:36294699-36294746	exon=> In CDS Exon 2 of transcript AGAP003339-PA
JHU_Ag_109412	ESYGLEDFTPLYGYSAPR	AGAP003339-PA	-	99	1.67E-09	1	2064.953	-0.75	Male reproductive organs	2R:+:36295544-36295597	exon=> In CDS Exon 3 of transcript AGAP003339-PA
JHU_Ag_26411	EFSCDDAGLLNMTR	AGAP003340-PA	C4(Carbamidomethyl), M12(Oxidation)	86	1.43E-08	1	1644.700	0.56	Male reproductive organs	2R:-:36298486-36298445	exon=> In CDS Exon 1 of transcript AGAP003340-PA
JHU_Ag_28669	LQVASPQMWRPCPDPPKPR	AGAP003340-PA	M8(Oxidation), C12(Carbamidomethyl)	68	2.26E-06	1	2276.146	1.23	Male reproductive organs	2R:-:36298543-36298487	exon=> In CDS Exon 1 of transcript AGAP003340-PA
JHU_Ag_55658	TSCTSPAPSVEAPECIK	AGAP003340-PA	C3(Carbamidomethyl), C15(Carbamidomethyl)	112	8.19E-11	1	1833.837	0.5	Male reproductive organs	2R:-:36298417-36298367	exon=> In CDS Exon 1 of transcript AGAP003340-PA
JHU_Ag_73311	DLGVFEGTVPER	AGAP003340-PA	-	69	2.31E-06	2	1318.666	1.32	Male reproductive organs	2R:-:36298579-36298544	exon=> In CDS Exon 1 of transcript AGAP003340-PA
JHU_Ag_96248	IKEDLCLR	AGAP003340-PA	C6(Carbamidomethyl)	42	0.000967514	2	1046.566	-0.25	Male reproductive organs	2R:-:36298366-36298343	exon=> In CDS Exon 1 of transcript AGAP003340-PA
JHU_Ag_98505	ARDLGVFEGTVPER	AGAP003340-PA	-	75	4.85E-07	2	1545.803	0.54	Male reproductive organs	2R:-:36298585-36298544	exon=> In CDS Exon 1 of transcript AGAP003340-PA
JHU_Ag_1660	NRPFVDDFQDIYDK	AGAP003343-PA	-	47	0.000245804	2	1771.833	2.55	Malpighian tubule	2R:+:36314616-36314653,36314721-36314724	exon=> In CDS Exon 1 and 2 of transcript AGAP003343-PA
JHU_Ag_3402	ALFPFVEDVSNR	AGAP003343-PA	-	88	2.31E-08	2	1393.710	-1.14	Midgut	2R:+:36315072-36315107	exon=> In CDS Exon 3 of transcript AGAP003343-PA
JHU_Ag_4036	QFQDNEFADSVSKDSDPIFGR	AGAP003343-PA	-	94	4.46E-09	1	2402.089	-0.4	Midgut	2R:+:36314830-36314892	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_12820	LLFGNFPSFILR	AGAP003343-PA	-	67	1.08E-06	2	1423.811	1.14	Head	2R:+:36314580-36314615	exon=> In CDS Exon 1 of transcript AGAP003343-PA
JHU_Ag_17101	LLFGNFPSFILR	AGAP003343-PA	-	83	2.39E-08	1	1423.809	-0.83	Midgut	2R:+:36314580-36314615	exon=> In CDS Exon 1 of transcript AGAP003343-PA
JHU_Ag_20822	RGLFEVITK	AGAP003343-PA	-	38	0.000589493	2	1062.631	0.58	Head	2R:+:36316070-36316096	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_23256	VCTVPTELEVTDGHK	AGAP003343-PA	C2(Carbamidomethyl)	42	0.000971979	2	1684.815	-3.72	Midgut	2R:+:36315812-36315856	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_46586	RAEVTPAFTTSR	AGAP003343-PA	-	64	6.58E-06	1	1335.708	4.56	Midgut	2R:+:36314932-36314967	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_47082	GLFEVITK	AGAP003343-PA	-	46	0.000148373	2	906.530	0.12	Midgut	2R:+:36316073-36316096	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_48172	ALFPFVEDVSNR	AGAP003343-PA	-	60	1.57E-05	2	1393.714	2.01	Malpighian tubule	2R:+:36315072-36315107	exon=> In CDS Exon 3 of transcript AGAP003343-PA
JHU_Ag_48771	GCFLPFGDGPR	AGAP003343-PA	C2(Carbamidomethyl)	40	0.001236476	2	1222.568	0.4	Midgut	2R:+:36315998-36316030	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_49561	QPAVLVMKPELIK	AGAP003343-PA	-	61	1.07E-06	1	1465.880	-0.76	Midgut	2R:+:36314767-36314805	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_51154	NPFMLKGEEWK	AGAP003343-PA	M4(Oxidation)	41	0.001069699	1	1394.682	3.27	Midgut	2R:+:36314893-36314925	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_58232	QFQDNEFADSVSK	AGAP003343-PA	-	72	4.93E-07	2	1514.674	-1.3	Midgut	2R:+:36314830-36314868	exon=> In CDS Exon 2 of transcript AGAP003343-PA

JHU_Ag_63651	GLPVMLPVWAVHR	AGAP003343-PA	M5(Oxidation)	78	8.56E-08	1	1490.830	0.24	Midgut	2R:+:36315872-36315910	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_64791	LLFGNFPSFILR	AGAP003343-PA	-	64	1.54E-06	2	1423.817	4.83	Larva	2R:+:36314580-36314615	exon=> In CDS Exon 1 of transcript AGAP003343-PA
JHU_Ag_65983	EIEQFFTDLMEK	AGAP003343-PA	M10(Oxidation)	89	1.89E-08	2	1529.719	-0.33	Midgut	2R:+:36315363-36315398	exon=> In CDS Exon 3 of transcript AGAP003343-PA
JHU_Ag_67508	SKQPIQLDPK	AGAP003343-PA	-	38	0.000885914	2	1153.657	-0.81	Midgut	2R:+:36316121-36316150	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_71325	GLFEVITK	AGAP003343-PA	-	32	0.003614126	2	906.534	4.7	Larva	2R:+:36316073-36316096	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_75230	NRPFVDDFQDIYDK	AGAP003343-PA	-	76	3.46E-07	1	1771.834	3.24	Head	2R:+:36314616-36314653,36314721-36314724	exon=> In CDS Exon 1 and 2 of transcript AGAP003343-PA
JHU_Ag_90259	NRPFVDDFQDIYDKYR	AGAP003343-PA	-	89	1.83E-08	1	2090.993	-0.22	Midgut	2R:+:36314616-36314653,36314721-36314730	exon=> In CDS Exon 1 and 2 of transcript AGAP003343-PA
JHU_Ag_91028	RAEVTPAFTTSR	AGAP003343-PA	-	75	5.36E-07	1	1335.696	-4.49	Head	2R:+:36314932-36314967	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_91903	NRPFVDDFQDIYDK	AGAP003343-PA	-	83	6.77E-08	2	1771.832	2.14	Midgut	2R:+:36314616-36314653,36314721-36314724	exon=> In CDS Exon 1 and 2 of transcript AGAP003343-PA
JHU_Ag_102695	SKGNVIGVFNGR	AGAP003343-PA	N10(Deamidated)	62	7.05E-06	1	1248.670	0.22	Midgut	2R:+:36314731-36314766	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_103224	DSDPIFGR	AGAP003343-PA	-	51	0.000117424	2	906.431	-0.26	Midgut	2R:+:36314869-36314892	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_106754	AFIVCPLGGIWLDYKPIEA	AGAP003343-PA	C5(Carbamidomethyl)	95	2.64E-09	1	2162.137	0.56	Midgut	2R:+:36316151-36316207	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_109050	GNVIGVFNGR	AGAP003343-PA	-	62	1.03E-05	2	1032.557	-1.58	Midgut	2R:+:36314737-36314766	exon=> In CDS Exon 2 of transcript AGAP003343-PA
JHU_Ag_111604	NPDCQETLR	AGAP003343-PA	C4(Carbamidomethyl)	46	0.000140557	1	1132.504	-1.31	Midgut	2R:+:36315582-36315608	exon=> In CDS Exon 3 of transcript AGAP003343-PA
JHU_Ag_111756	DKEYYEEPER	AGAP003343-PA	-	74	1.73E-07	1	1357.590	-0.32	Midgut	2R:+:36315911-36315940	exon=> In CDS Exon 4 of transcript AGAP003343-PA
JHU_Ag_113616	RVDYLDHLMALR	AGAP003343-PA	M9(Oxidation)	80	1.44E-07	1	1517.789	-0.47	Midgut	2R:+:36315432-36315467	exon=> In CDS Exon 3 of transcript AGAP003343-PA
JHU_Ag_117481	YTTDVVSSCIFAADAQSFTK	AGAP003343-PA	C9(Carbamidomethyl)	71	1.10E-06	2	2211.025	-0.93	Midgut	2R:+:36315174-36315233	exon=> In CDS Exon 3 of transcript AGAP003343-PA
JHU_Ag_3737	LIEQFPTIENHIDLVLPK	AGAP003344-PA	-	56	7.94E-06	1	2119.180	0.28	Midgut	2R:-:36319918-36319865	exon=> In CDS Exon 1 of transcript AGAP003344-PA
JHU_Ag_48621	FPFFLPMEQVDK	AGAP003344-PA	M7(Oxidation)	54	5.17E-05	2	1497.743	-1.26	Midgut	2R:-:36319646-36319611	exon=> In CDS Exon 2 of transcript AGAP003344-PA
JHU_Ag_58024	LIEQFPTIENHIDLVLPK	AGAP003344-PA	-	51	2.49E-05	1	2119.189	4.43	Larva	2R:-:36319918-36319865	exon=> In CDS Exon 1 of transcript AGAP003344-PA
JHU_Ag_59832	LIEQFPTIENHIDLVLPK	AGAP003344-PA	-	93	1.91E-09	1	2119.181	0.71	Ovary	2R:-:36319918-36319865	exon=> In CDS Exon 1 of transcript AGAP003344-PA
JHU_Ag_76352	FPFFLPMEQVDK	AGAP003344-PA	M7(Oxidation)	65	4.81E-06	1	1513.742	1.71	Ovary	2R:-:36319646-36319611	exon=> In CDS Exon 2 of transcript AGAP003344-PA
JHU_Ag_85590	AKLIEQFPTIENHIDLVLPK	AGAP003344-PA	-	51	1.26E-05	1	2318.328	6.91	Malpighian tubule	2R:-:36319924-36319865	exon=> In CDS Exon 1 of transcript AGAP003344-PA
JHU_Ag_100545	LIEQFPTIENHIDLVLPK	AGAP003344-PA	-	85	9.86E-09	1	2119.188	4	Head	2R:-:36319918-36319865	exon=> In CDS Exon 1 of transcript AGAP003344-PA
JHU_Ag_101759	FPFFLPMEQVDK	AGAP003344-PA	-	50	0.000137079	1	1497.749	2.82	Salivary gland	2R:-:36319646-36319611	exon=> In CDS Exon 2 of transcript AGAP003344-PA
JHU_Ag_84121	LFALLR	AGAP003350-PA	-	36	0.000148303	2	732.477	-0.22	Midgut	2R:+:36472083-36472100	exon=> In CDS Exon 1 of transcript AGAP003350-PA

JHU_Ag_96333	LFALLR	AGAP003350-PA	-	20	0.006055517	1	732.477	-0.22	Midgut	2R:+:36472083-36472100	exon=> In CDS Exon 1 of transcript AGAP003350-PA
JHU_Ag_31659	VPTEGSLNLDGLSSPVNER	AGAP003350-PB,AGAP003350-PA	-	57	3.28E-05	2	1984.003	2.37	Visceras	2R:+:36473941-36473997;2R:+:36473941-36473997	exon=> In CDS Exon 3 of transcript AGAP003350-PB;exon=> In CDS Exon 2 of transcript AGAP003350-PA
JHU_Ag_26636	TIVDDQQSVDGLR	AGAP003352-PB	-	70	1.57E-06	2	1445.727	2.91	Ovary	2R:-:36515194-36515156	exon=> In CDS Exon 1 of transcript AGAP003352-PB
JHU_Ag_2731	NLSELLTER	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	50	0.000164341	2	1074.577	-1.46	Midgut	2R:-:36484674-36484648;2R:-:36484674-36484648;2R:-:36484674-36484648	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_4150	YLQTLSSIAGEK	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	61	7.61E-06	2	1309.698	-1.19	Male reproductive organs	2R:-:36484306-36484271;2R:-:36484306-36484271;2R:-:36484306-36484271	exon=> In CDS Exon 3 of transcript AGAP003352-PC;exon=> In CDS Exon 3 of transcript AGAP003352-PA;exon=> In CDS Exon 3 of transcript AGAP003352-PB
JHU_Ag_19516	GPGVFFVLPCIDNYCK	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	C10(Carbamidomethyl), C15(Carbamidomethyl)	47	0.000312483	1	1885.905	3.7	Ovary	2R:-:36484917-36484870;2R:-:36484917-36484870;2R:-:36484917-36484870	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_20009	VEIKDVSLPDSLQR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	40	0.000956089	1	1598.879	2.69	Malpighian tubule	2R:-:36484575-36485084,36484082-36484445;2R:-:36484575-36485084,36484082-36484445;2R:-:36484575-36485084,36484082-36484445	exon=> In CDS Exon 3 and 2 of transcript AGAP003352-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003352-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003352-PB
JHU_Ag_26029	IRDPLNAVVQVANYSHSTR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	71	6.94E-07	1	2140.131	2.41	Head	2R:-:36484773-36484717;2R:-:36484773-36484717;2R:-:36484773-36484717	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_27327	IRDPLNAVVQVANYSHSTR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	96	2.05E-09	1	2140.135	4.38	Ovary	2R:-:36484773-36484717;2R:-:36484773-36484717;2R:-:36484773-36484717	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_30900	GPGVFFVLPCIDNYCK	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	C10(Carbamidomethyl), C15(Carbamidomethyl)	47	0.000302126	1	1885.905	3.82	Malpighian tubule	2R:-:36484917-36484870;2R:-:36484917-36484870;2R:-:36484917-36484870	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB

JHU_Ag_31146	YLQTLSSIAGEK	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	61	6.87E-06	2	1309.707	5.15	Ovary	2R:-:36484306-36484271;2R:-:36484306-36484271;2R:-:36484306-36484271	exon=> In CDS Exon 3 of transcript AGAP003352-PC;exon=> In CDS Exon 3 of transcript AGAP003352-PA;exon=> In CDS Exon 3 of transcript AGAP003352-PB
JHU_Ag_51344	TVSFDVPPQEVLTR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	52	7.72E-05	2	1587.840	1.64	Midgut	2R:-:36484857-36484816;2R:-:36484857-36484816;2R:-:36484857-36484816	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_52622	YLQTLSSIAGEK	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	61	7.95E-06	2	1309.702	1.7	Midgut	2R:-:36484306-36484271;2R:-:36484306-36484271;2R:-:36484306-36484271	exon=> In CDS Exon 3 of transcript AGAP003352-PC;exon=> In CDS Exon 3 of transcript AGAP003352-PA;exon=> In CDS Exon 3 of transcript AGAP003352-PB
JHU_Ag_52750	YLQTLSSIAGEK	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	54	3.59E-05	1	1309.705	4.21	Malpighian tubule	2R:-:36484306-36484271;2R:-:36484306-36484271;2R:-:36484306-36484271	exon=> In CDS Exon 3 of transcript AGAP003352-PC;exon=> In CDS Exon 3 of transcript AGAP003352-PA;exon=> In CDS Exon 3 of transcript AGAP003352-PB
JHU_Ag_62942	IRDPLNAVVQVANYSHSTR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	82	4.92E-08	1	2140.129	1.64	Malpighian tubule	2R:-:36484773-36484717;2R:-:36484773-36484717;2R:-:36484773-36484717	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_76361	IRDPLNAVVQVANYSHSTR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	44	0.000347 83	1	2140.139	6.26	Salivary gland	2R:-:36484773-36484717;2R:-:36484773-36484717;2R:-:36484773-36484717	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_84717	EAISHSMQVTLDEATDPWGVQVER	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	M7(Oxidation)	77	2.98E-07	1	2714.272	-0.17	Midgut	2R:-:36484647-36484576;2R:-:36484647-36484576;2R:-:36484647-36484576	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_84907	VEIKDVSLPDSLQR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	93	4.50E-09	1	1598.880	3.3	Ovary	2R:-:36484575-36485084,36484082-36484445;2R:-:36484575-36485084,36484082-36484445;2R:-:36484575-36485084,36484082-36484445	exon=> In CDS Exon 3 and 2 of transcript AGAP003352-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003352-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003352-PB

JHU_Ag_95856	GPGVFFVLPCIDNYCK	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	C10(Carbamidomethyl), C15(Carbamidomethyl)	48	0.000241731	2	1885.897	-0.32	Midgut	2R:-:36484917-36484870;2R:-:36484917-36484870;2R:-:36484917-36484870	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_109937	IRDPLNAVVQVANYSHSTR	AGAP003352-PC,AGAP003352-PA,AGAP003352-PB	-	102	5.56E-10	1	2140.124	-1.01	Midgut	2R:-:36484773-36484717;2R:-:36484773-36484717;2R:-:36484773-36484717	exon=> In CDS Exon 2 of transcript AGAP003352-PC;exon=> In CDS Exon 2 of transcript AGAP003352-PA;exon=> In CDS Exon 2 of transcript AGAP003352-PB
JHU_Ag_59013	YSGQNLNHIMTTAPSIDNIPQVVK	AGAP003354-PA	M10(Oxidation)	34	0.005196636	1	2656.339	-0.31	Midgut	2R:+:36524733-36524804	exon=> In CDS Exon 2 of transcript AGAP003354-PA
JHU_Ag_81970	IILDEHNKYR	AGAP003354-PA	-	48	0.000259105	1	1300.702	1.22	Malpighian tubule	2R:+:36524479-36524508	exon=> In CDS Exon 1 of transcript AGAP003354-PA
JHU_Ag_88126	YSGQNLNHIMTTAPSIDNIPQVVK	AGAP003354-PA	M10(Oxidation)	97	2.36E-09	1	2656.346	2.38	Head	2R:+:36524733-36524804	exon=> In CDS Exon 2 of transcript AGAP003354-PA
JHU_Ag_114679	HDDCHNTAK	AGAP003354-PA	C4(Carbamidomethyl)	47	5.85E-05	2	1097.442	-0.55	Head	2R:+:36524700-36524726	exon=> In CDS Exon 2 of transcript AGAP003354-PA
JHU_Ag_60502	DLISSWWDER	AGAP003354-PA,AGAP013192-PA	-	66	3.18E-06	2	1306.611	3.23	Head	2R:+:36524805-36524834;2R:+:36529000-36529029	exon=> In CDS Exon 2 of transcript AGAP003354-PA;exon=> In CDS Exon 2 of transcript AGAP013192-PA
JHU_Ag_70160	HTMIFHFAVMAADK	AGAP003354-PA,AGAP013192-PA	M3(Oxidation), M10(Oxidation)	76	3.47E-07	1	1650.779	1.33	Head	2R:+:36524883-36524884,36524967-36525006;2R:+:36529078-36529079,36529172-36529211	exon=> In CDS Exon 2 and 3 of transcript AGAP003354-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP013192-PA
JHU_Ag_79974	DLISSWWDER	AGAP003354-PA,AGAP013192-PA	-	63	6.17E-06	2	1306.609	1.83	Visceras	2R:+:36524805-36524834;2R:+:36529000-36529029	exon=> In CDS Exon 2 of transcript AGAP003354-PA;exon=> In CDS Exon 2 of transcript AGAP013192-PA
JHU_Ag_58248	FLVHPQQTTVHDR	AGAP003359-PA	-	33	0.006756573	1	1577.819	0.68	Midgut	2R:+:36733078-36733116	exon=> In CDS Exon 5 of transcript AGAP003359-PA
JHU_Ag_84693	IVLAAETYSPSIR	AGAP003359-PA	-	82	4.80E-08	1	1419.781	-2.17	Midgut	2R:+:36731493-36731531	exon=> In CDS Exon 1 of transcript AGAP003359-PA
JHU_Ag_115656	ANEFSQLFTNYK	AGAP003359-PA	-	109	2.05E-10	1	1461.699	-1.46	Midgut	2R:+:36732491-36732526	exon=> In CDS Exon 4 of transcript AGAP003359-PA
JHU_Ag_28484	VLAVNILGR	AGAP003359-PA,AGAP008251-PA	-	33	0.001046535	2	954.610	0.01	Male reproductive organs	2R:+:36731202-36731228;3R:+:7894659-7894685	exon=> In CDS Exon 1 of transcript AGAP003359-PA;exon=> In CDS Exon 7 of transcript AGAP008251-PA
JHU_Ag_52995	VLAVNILGR	AGAP003359-PA,AGAP008251-PA	-	72	7.89E-08	2	954.613	3.53	Salivary gland	2R:+:36731202-36731228;3R:+:7894659-7894685	exon=> In CDS Exon 1 of transcript AGAP003359-PA;exon=> In CDS Exon 7 of transcript AGAP008251-PA
JHU_Ag_104328	VLAVNILGR	AGAP003359-PA,AGAP008251-PA	-	75	6.63E-08	2	954.609	-0.05	Midgut	2R:+:36731202-36731228;3R:+:7894659-7894685	exon=> In CDS Exon 1 of transcript AGAP003359-PA;exon=> In CDS Exon 7 of transcript AGAP008251-PA
JHU_Ag_8447	GVVGTIVVNNEGIPVK	AGAP003360-PA	-	107	4.74E-11	1	1594.917	0.34	Ovary	2R:-:36735282-36735327,36734882-36735080	exon=> In CDS Exon 3 and 2 of transcript AGAP003360-PA
JHU_Ag_44258	HEIMVAPDKDFLLIVIQNPTD	AGAP003360-PA	M4(Oxidation)	63	5.14E-06	1	2424.261	5.15	Ovary	2R:-:36734947-36734885	exon=> In CDS Exon 3 of transcript AGAP003360-PA
JHU_Ag_48468	DLDPSNDLSFLR	AGAP003360-PA	-	47	0.000388719	2	1391.684	2.74	Malpighian tubule	2R:-:36734998-36734963	exon=> In CDS Exon 3 of transcript AGAP003360-PA

JHU_Ag_57785	SQEVEETLKR	AGAP003360-PA	N-Term(Acetyl)	65	5.77E-06	1	1260.646	2.26	Ovary	2R:-:36735327-36735298	exon=> In CDS Exon 2 of transcript AGAP003360-PA
JHU_Ag_98189	DLDPSNDLSFLR	AGAP003360-PA	-	89	2.53E-08	2	1391.681	0.54	Head	2R:-:36734998-36734963	exon=> In CDS Exon 3 of transcript AGAP003360-PA
JHU_Ag_103069	DLDPSNDLSFLR	AGAP003360-PA	-	47	0.000326813	2	1391.680	-0.16	Ovary	2R:-:36734998-36734963	exon=> In CDS Exon 3 of transcript AGAP003360-PA
JHU_Ag_785	AVIAPNIVLIAR	AGAP003361-PA	-	29	0.000530958	2	1249.799	-0.51	Ovary	2R:+:36740308-36740343	exon=> In CDS Exon 3 of transcript AGAP003361-PA
JHU_Ag_12845	LNNYEHGSPHTQHLNEETFKAVIAPNIVLIAR	AGAP003361-PA	-	42	0.000330223	1	3625.904	4.65	Malpighian tubule	2R:+:36740248-36740343	exon=> In CDS Exon 3 of transcript AGAP003361-PA
JHU_Ag_47109	LNNYEHGSPHTQHLNEETFK	AGAP003361-PA	-	53	5.94E-05	1	2395.100	-2.42	Head	2R:+:36740248-36740307	exon=> In CDS Exon 3 of transcript AGAP003361-PA
JHU_Ag_51015	VHKLNNYEHGSPHTQHLNEETFK	AGAP003361-PA	-	68	2.23E-06	1	2759.335	2.4	Malpighian tubule	2R:+:36740239-36740307	exon=> In CDS Exon 3 of transcript AGAP003361-PA
JHU_Ag_68407	FLAELR	AGAP003361-PA	-	35	0.002037929	2	748.438	3.49	Malpighian tubule	2R:+:36740071-36740079,36740170-36740178	exon=> In CDS Exon 2 and 3 of transcript AGAP003361-PA
JHU_Ag_81128	EAFVKLLANFVR	AGAP003361-PA	-	62	1.13E-06	1	1406.823	5.44	Malpighian tubule	2R:+:36739458-36739492,36739983-36739983	exon=> In CDS Exon 1 and 2 of transcript AGAP003361-PA
JHU_Ag_114051	LLANFVR	AGAP003361-PA	-	36	0.001092671	2	832.506	2.96	Malpighian tubule	2R:+:36739473-36739492,36739983-36739983	exon=> In CDS Exon 1 and 2 of transcript AGAP003361-PA
JHU_Ag_15264	IHTGQKPYK	AGAP003364-PA	Q5(Deamidated)	35	0.004951359	1	1072.585	5.57	Malpighian tubule	2R:-:36854895-36854869	exon=> In CDS Exon 2 of transcript AGAP003364-PA
JHU_Ag_16996	LSFQGCQGGQAPVIPDPTRER	AGAP003365-PA	C6(Carbamidomethyl)	85	4.59E-08	1	2313.139	-0.85	Ovary	2R:+:36863109-36863171	exon=> In CDS Exon 1 of transcript AGAP003365-PA
JHU_Ag_57302	ALNYLKEELK	AGAP003365-PA	-	38	0.000724599	1	1220.696	5.77	Salivary gland	2R:+:36863583-36863612	exon=> In CDS Exon 1 of transcript AGAP003365-PA
JHU_Ag_65780	LCDFGISGQLVDSIAR	AGAP003365-PA	C2(Carbamidomethyl)	56	3.94E-05	2	1750.891	6.54	Ovary	2R:+:36863673-36863720	exon=> In CDS Exon 1 of transcript AGAP003365-PA
JHU_Ag_8894	LPASLWDSTEHALR	AGAP003366-PA	-	43	0.000734738	1	1595.817	-0.75	Male reproductive organs	2R:-:36884376-36884335	exon=> In CDS Exon 3 of transcript AGAP003366-PA
JHU_Ag_47896	SVTLTNATAEDISKHIEALGK	AGAP003367-PA	-	80	8.11E-08	1	2198.174	3.45	Malpighian tubule	2R:+:36893642-36893704	exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_51286	HIEALGK	AGAP003367-PA	-	46	0.000100113	1	767.437	-4.95	Head	2R:+:36893684-36893704	exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_60293	SVTLTNATAEDISKHIEALGK	AGAP003367-PA	-	92	4.50E-09	1	2198.176	4.37	Visceras	2R:+:36893642-36893704	exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_80912	HIEALGK	AGAP003367-PA	-	38	0.000569152	1	767.440	-1.23	Ovary	2R:+:36893684-36893704	exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_116900	HIEALGK	AGAP003367-PA	-	31	0.003404171	1	767.442	0.84	Visceras	2R:+:36893684-36893704	exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_674	IPGLYVIDSIVR	AGAP003369-PA	-	29	0.002911172	2	1344.787	-0.91	Ovary	2R:+:36900195-36900230	exon=> In CDS Exon 2 of transcript AGAP003369-PA
JHU_Ag_45613	IPGLYVIDSIVR	AGAP003369-PA	-	35	0.000674633	2	1344.789	0.09	Midgut	2R:+:36900195-36900230	exon=> In CDS Exon 2 of transcript AGAP003369-PA
JHU_Ag_16351	QLQQFQQILMR	AGAP003369-PB,AGAP003369-PA	Q1(Deamidated), Q3(Deamidated), Q4(Deamidated), M10(Oxidation)	31	0.013048159	1	1451.710	-6.94	Midgut	2R:+:36900893-36900925;2R:+:36900893-36900925	exon=> In CDS Exon 2 of transcript AGAP003369-PB;exon=> In CDS Exon 4 of transcript AGAP003369-PA
JHU_Ag_57305	YLDAGHVSAYVLHQK	AGAP003371-PA	-	37	0.002778155	1	1700.881	3.19	Pupa	2R:+:36923044-36923088	exon=> In CDS Exon 5 of transcript AGAP003371-PA
JHU_Ag_84982	DEAAEAIVAALELPLTPAEYVEISTER	AGAP003372-PA	-	87	1.89E-08	1	2900.486	2.93	Ovary	2R:+:36927581-36927661	exon=> In CDS Exon 2 of transcript AGAP003372-PA

JHU_Ag_299	HLHQHNVPIALATSSGADSVEVK	AGAP003372-PA,AGAP003372-PB	-	105	3.57E-10	1	2410.248	0.16	Midgut	2R:+:36928454-36928522;2R:+:36928454-36928522	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_1313	SLEDFHPEQFGLPPFTS	AGAP003372-PA,AGAP003372-PB	-	66	4.09E-06	1	1947.915	1.57	Visceras	2R:+:36928793-36928843;2R:+:36928793-36928843	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_18466	SLEDFHPEQFGLPPFTS	AGAP003372-PA,AGAP003372-PB	-	51	0.000141709	2	1947.921	4.2	Malpighian tubule	2R:+:36928793-36928843;2R:+:36928793-36928843	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_24039	LFGSSSGSVLGTAGSK	AGAP003372-PA,AGAP003372-PB	-	46	0.000349957	2	1454.750	1.06	Ovary	2R:+:36925867-36925914;2R:+:36925867-36925914	exon=> In CDS Exon 1 of transcript AGAP003372-PA;exon=> In CDS Exon 1 of transcript AGAP003372-PB
JHU_Ag_24628	LFGSSSGSVLGTAGSK	AGAP003372-PA,AGAP003372-PB	-	90	1.28E-08	1	1454.754	4	Malpighian tubule	2R:+:36925867-36925914;2R:+:36925867-36925914	exon=> In CDS Exon 1 of transcript AGAP003372-PA;exon=> In CDS Exon 1 of transcript AGAP003372-PB
JHU_Ag_27507	HLHQHNVPIALATSSGADSVEVK	AGAP003372-PA,AGAP003372-PB	Q4(Deamidated),N6(Deamidated)	150	1.07E-14	1	2410.250	1.08	Ovary	2R:+:36928454-36928522;2R:+:36928454-36928522	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_34151	HATVVLK	AGAP003372-PA,AGAP003372-PB	-	32	0.001448998	2	767.477	0.04	Malpighian tubule	2R:+:36928772-36928792;2R:+:36928772-36928792	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_39331	SLEDFHPEQFGLPPFTS	AGAP003372-PA,AGAP003372-PB	-	58	2.68E-05	1	1947.916	1.63	Head	2R:+:36928793-36928843;2R:+:36928793-36928843	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_40987	HLHQHNVPIALATSSGADSVEVK	AGAP003372-PA,AGAP003372-PB	-	123	5.14E-12	1	2410.250	1.15	Visceras	2R:+:36928454-36928522;2R:+:36928454-36928522	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_59964	EGKPAPDIFLVAADR	AGAP003372-PA,AGAP003372-PB	-	72	6.25E-07	2	1598.857	2	Visceras	2R:+:36928595-36928639;2R:+:36928595-36928639	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_68157	HLHQHNVPIALATSSGADSVEVK	AGAP003372-PA,AGAP003372-PB	-	146	2.94E-14	1	2410.249	0.77	Malpighian tubule	2R:+:36928454-36928522;2R:+:36928454-36928522	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_69987	LFGSSSGSVLGTAGSK	AGAP003372-PA,AGAP003372-PB	-	96	3.88E-09	2	1454.750	0.64	Visceras	2R:+:36925867-36925914;2R:+:36925867-36925914	exon=> In CDS Exon 1 of transcript AGAP003372-PA;exon=> In CDS Exon 1 of transcript AGAP003372-PB
JHU_Ag_73688	SLEDFHPEQFGLPPFTS	AGAP003372-PA,AGAP003372-PB	-	58	2.15E-05	2	1947.910	-1.32	Midgut	2R:+:36928793-36928843;2R:+:36928793-36928843	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_90793	HATVVLK	AGAP003372-PA,AGAP003372-PB	-	44	0.000108105	2	767.473	-5.68	Head	2R:+:36928772-36928792;2R:+:36928772-36928792	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_97376	LFGSSSGSVLGTAGSK	AGAP003372-PA,AGAP003372-PB	-	99	1.93E-09	2	1454.750	1.15	Male reproductive organs	2R:+:36925867-36925914;2R:+:36925867-36925914	exon=> In CDS Exon 1 of transcript AGAP003372-PA;exon=> In CDS Exon 1 of transcript AGAP003372-PB
JHU_Ag_103890	HLHQHNVPIALATSSGADSVEVK	AGAP003372-PA,AGAP003372-PB	-	123	5.54E-12	1	2410.254	2.75	Head	2R:+:36928454-36928522;2R:+:36928454-36928522	exon=> In CDS Exon 3 of transcript AGAP003372-PA;exon=> In CDS Exon 3 of transcript AGAP003372-PB
JHU_Ag_2287	TCSILVNDLKLPCSVDEFLAR	AGAP003372-PB	C2(Carbamidomethyl),C13(Carbamidomethyl)	139	1.37E-13	1	2450.252	4.19	Malpighian tubule	2R:+:36928001-36928063	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_23288	IYENILR	AGAP003372-PB	-	36	0.002847256	2	920.519	-1.08	Head	2R:+:36927905-36927925	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_25588	SYNSPYPWPTR	AGAP003372-PB	-	53	6.08E-05	2	1367.639	0.96	Visceras	2R:+:36927938-36927970	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_30499	TCSILVNDLKLPCSVDEFLAR	AGAP003372-PB	C2(Carbamidomethyl),C13(Carbamidomethyl)	85	3.50E-08	1	2450.254	5.01	Head	2R:+:36928001-36928063	exon=> In CDS Exon 2 of transcript AGAP003372-PB

JHU_Ag_44573	LPCSVDEFLAR	AGAP003372-PB	C3(Carbamidomethyl)	36	0.004676023	2	1306.647	0.64	Head	2R:+:36928031-36928063	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_48353	DQLLHLGR	AGAP003372-PB	-	43	0.000380327	2	951.537	0.08	Visceras	2R:+:36928073-36928096	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_83317	SYNSPYPWPTR	AGAP003372-PB	-	68	1.80E-06	1	1367.636	-1.72	Head	2R:+:36927938-36927970	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_95415	VTHCIFDMDGLLLDTEK	AGAP003372-PB	C4(Carbamidomethyl)	73	9.33E-07	1	2006.958	0.7	Visceras	2R:+:36925933-36925972,36927894-36927904	exon=> In CDS Exon 1 and 2 of transcript AGAP003372-PB
JHU_Ag_96886	VTHCIFDMDGLLLDTEK	AGAP003372-PB	C4(Carbamidomethyl), M8(Oxidation)	36	0.004215449	3	2022.960	4.17	Head	2R:+:36925933-36925972,36927894-36927904	exon=> In CDS Exon 1 and 2 of transcript AGAP003372-PB
JHU_Ag_99237	DQLLHLGR	AGAP003372-PB	-	36	0.001862763	1	951.537	-0.37	Male reproductive organs	2R:+:36928073-36928096	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_113536	LPCSVDEFLAR	AGAP003372-PB	C3(Carbamidomethyl)	76	4.27E-07	1	1306.648	1.1	Visceras	2R:+:36928031-36928063	exon=> In CDS Exon 2 of transcript AGAP003372-PB
JHU_Ag_44160	HMFDADEVPFDR	AGAP003373-PA	M2(Oxidation)	67	9.70E-07	1	1494.629	-1.72	Head	2R:-:37093722-37093687	exon=> In CDS Exon 3 of transcript AGAP003373-PA
JHU_Ag_5096	ETPEQIQEQKQR	AGAP003374-PA	Q7(Deamidated), Q9(Deamidated), Q11(Deamidated)	44	0.000474971	1	1516.724	7.75	Male reproductive organs	2R:-:37125277-37125242	exon=> In CDS Exon 4 of transcript AGAP003374-PA
JHU_Ag_5213	VTYTADK	AGAP003375-PA	-	42	0.000483564	1	797.404	-0.14	Head	2R:-:37163861-37163841	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_25240	HAEETLSNGVVHGSYSLTEPDGTIRK	AGAP003375-PA	N8(Deamidated)	190	1.59E-18	1	2797.381	2.11	Head	2R:-:37163939-37163862	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_50066	HVEAYDPNPHYSFSYGVSDPHTGDSK	AGAP003375-PA	-	150	6.31E-15	1	2906.259	-2.25	Head	2R:-:37164017-37163940	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_51983	AIQPLHTVAAAPVLHAPAIAVAAAPVLK	AGAP003375-PA	-	167	6.21E-18	1	2710.618	1.73	Head	2R:-:37164101-37164018	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_58766	HAEETLSNGVVHGSYSLTEPDGTIR	AGAP003375-PA	N8(Deamidated)	179	2.09E-17	1	2669.280	-0.23	Head	2R:-:37163939-37163865	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_59409	IHGFNAVVEK	AGAP003375-PA	-	53	4.56E-05	1	1113.605	-0.57	Head	2R:-:37163840-37163811	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_73554	VVAAAPLVHAALPYYHH	AGAP003375-PA	-	70	8.78E-07	1	1828.986	0.39	Head	2R:-:37163771-37163721	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_74250	SGHAIHTAPVLK	AGAP003375-PA	-	91	8.47E-09	1	1230.688	-5.67	Head	2R:-:37163810-37163775	exon=> In CDS Exon 2 of transcript AGAP003375-PA
JHU_Ag_1471	TVEYNADPINGFNAVVHR	AGAP003377-PA,AGAP003380-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	40	0.001637467	1	2015.994	0.42	Visceras	2R:+:37170481-37170534;2R:+:37180424-37180477;2R:+:37187096-37187149;2R:+:37191984-37192037;UNKN:+:34987844-34987897	exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA
JHU_Ag_31000	GSYSLVEPDGTLR	AGAP003378-PA,AGAP003378-PB	-	53	9.11E-05	2	1393.701	4.03	Malpighian tubule	2R:-:37171493-37171694,37171160-37171301;2R:-:37171493-37171655,37171160-37171301	exon=> In CDS Exon 3 and 2 of transcript AGAP003378-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003378-PB

JHU_Ag_34918	GSYSLVEPDGTLR	AGAP003378-PA,AGAP003378-PB	-	59	2.09E-05	2	1393.694	-1.57	Midgut	2R:-:37171493-37171694,37171160-37171301;2R:-:37171493-37171655,37171160-37171301	exon=> In CDS Exon 3 and 2 of transcript AGAP003378-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003378-PB
JHU_Ag_45009	GSYSLVEPDGTLR	AGAP003378-PA,AGAP003378-PB	-	62	1.08E-05	1	1393.697	0.88	Head	2R:-:37171493-37171694,37171160-37171301;2R:-:37171493-37171655,37171160-37171301	exon=> In CDS Exon 3 and 2 of transcript AGAP003378-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003378-PB
JHU_Ag_19334	AVVPVAAGPAILAPAPVAR	AGAP003378-PA,AGAP012750-PA,AGAP003378-PB	-	55	2.02E-06	2	1740.056	1.81	Visceras	2R:-:37171228-37171172;UNKN:-:27000770-27000714;2R:-:37171228-37171172	exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_42725	TVFYTADPVNGFNAVVQR	AGAP003378-PA,AGAP012750-PA,AGAP003378-PB	-	82	8.70E-08	1	1998.012	1.99	Ovary	2R:-:37171300-37171247;UNKN:-:27000842-27000789;2R:-:37171300-37171247	exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_70096	TVFYTADPVNGFNAVVQR	AGAP003378-PA,AGAP012750-PA,AGAP003378-PB	-	65	4.36E-06	1	1998.016	3.95	Visceras	2R:-:37171300-37171247;UNKN:-:27000842-27000789;2R:-:37171300-37171247	exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_85728	AVVPVAAGPAILAPAPVAR	AGAP003378-PA,AGAP012750-PA,AGAP003378-PB	-	81	5.30E-09	1	1740.058	2.58	Ovary	2R:-:37171228-37171172;UNKN:-:27000770-27000714;2R:-:37171228-37171172	exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_87848	TVFYTADPVNGFNAVVQR	AGAP003378-PA,AGAP012750-PA,AGAP003378-PB	N10(Deamidated)	125	4.74E-12	1	1998.993	0.52	Malpighian tubule	2R:-:37171300-37171247;UNKN:-:27000842-27000789;2R:-:37171300-37171247	exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_109944	AVVPVAAGPAILAPAPVAR	AGAP003378-PA,AGAP012750-PA,AGAP003378-PB	-	93	3.15E-10	1	1740.056	1.46	Malpighian tubule	2R:-:37171228-37171172;UNKN:-:27000770-27000714;2R:-:37171228-37171172	exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB

JHU_Ag_20413	TVEYNADPINGFNAVVHR	AGAP003380-PA,AGAP003377-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	65	5.27E-06	1	2015.997	1.7	Head	2R:+:37180424-37180477;2R:+:37170481-37170534;2R:+:37187096-37187149;2R:+:37191984-37192037;UNKN:+:34987844-34987897	exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA
JHU_Ag_102972	TVEYNADPINGFNAVVHREPLAVK	AGAP003380-PA,AGAP003377-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	31	0.00684113	1	2653.372	-0.44	Head	2R:+:37180424-37180495;2R:+:37170481-37170552;2R:+:37187096-37187167;2R:+:37191984-37192055;UNKN:+:34987844-34987915	exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA
JHU_Ag_15418	VAAPYAPYGYPAYGK	AGAP003380-PA,AGAP012795-PA,AGAP003377-PA,AGAP003379-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	72	8.63E-07	1	1587.790	3.6	Head	2R:+:37180553-37180597;UNKN:-:29527932-29527888;2R:+:37170610-37170654;2R:+:37176660-37176704;2R:+:37187225-37187269;2R:+:37192113-37192157;UNKN:+:34987973-34988017	exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA
JHU_Ag_13987	SGDVVTGSYSLVEPDGTRR	AGAP003380-PA,AGAP012795-PA,AGAP003385-PA,AGAP003377-PA,AGAP003379-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	63	7.67E-06	1	1994.979	0.53	Head	2R:+:37180367-37180423;UNKN:-:29528118-29528062;2R:+:37198965-37199021;2R:+:37170424-37170480;2R:+:37176474-37176530;2R:+:37187039-37187095;2R:+:37191927-37191983;UNKN:+:34987787-34987843	exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003385-PA;exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA

JHU_Ag_16741	SGDVVTGSYSLVEPDGTR	AGAP003380-PA,AGAP012795-PA,AGAP003385-PA,AGAP003377-PA,AGAP003379-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	110	1.70E-10	1	1838.877	0.21	Head	2R:+:37180367-37180420;UNKN:-:29528118-29528065;2R:+:37198965-37199018;2R:+:37170424-37170477;2R:+:37176474-37176527;2R:+:37187039-37187092;2R:+:37191927-37191980;UNKN:+:34987787-34987840	exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003385-PA;exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA
JHU_Ag_17212	SGDVVTGSYSLVEPDGTRR	AGAP003380-PA,AGAP012795-PA,AGAP003385-PA,AGAP003377-PA,AGAP003379-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	63	8.72E-06	1	1994.982	2.27	Pupa	2R:+:37180367-37180423;UNKN:-:29528118-29528062;2R:+:37198965-37199021;2R:+:37170424-37170480;2R:+:37176474-37176530;2R:+:37187039-37187095;2R:+:37191927-37191983;UNKN:+:34987787-34987843	exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003385-PA;exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA
JHU_Ag_55222	SGDVVTGSYSLVEPDGTR	AGAP003380-PA,AGAP012795-PA,AGAP003385-PA,AGAP003377-PA,AGAP003379-PA,AGAP003382-PA,AGAP003383-PA,AGAP012866-PA	-	80	1.82E-07	1	1838.878	0.61	Pupa	2R:+:37180367-37180420;UNKN:-:29528118-29528065;2R:+:37198965-37199018;2R:+:37170424-37170477;2R:+:37176474-37176527;2R:+:37187039-37187092;2R:+:37191927-37191980;UNKN:+:34987787-34987840	exon=> In CDS Exon 3 of transcript AGAP003380-PA;exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003385-PA;exon=> In CDS Exon 3 of transcript AGAP003377-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA;exon=> In CDS Exon 3 of transcript AGAP003382-PA;exon=> In CDS Exon 3 of transcript AGAP003383-PA;exon=> In CDS Exon 2 of transcript AGAP012866-PA
JHU_Ag_10303	VAAPVVAK	AGAP003385-PA,AGAP003379-PA	-	31	0.000988966	1	754.482	0.19	Head	2R:+:37198764-37198787;2R:+:37176275-37176298	exon=> In CDS Exon 2 of transcript AGAP003385-PA;exon=> In CDS Exon 2 of transcript AGAP003379-PA

JHU_Ag_23405	VADDYDPNPQYSYSYHIADALTGDNK	AGAP003385-PA,AGAP003379-PA	-	155	2.09E-15	1	2932.297	1.94	Head	2R:+:37198788-37198841,37198923-37198946;2R:+:37176299-37176352,37176432-37176455	exon=> In CDS Exon 2 and 3 of transcript AGAP003385-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003379-PA
JHU_Ag_54869	STAYSGYDAQAYSQGYAK	AGAP003388-PA	Q10(Deamidated)	128	1.08E-12	1	1930.848	1.45	Ovary	2R:-:37226378-37226508,37224599-37224632	exon=> In CDS Exon 4 and 3 of transcript AGAP003388-PA
JHU_Ag_83100	STAYSGYDAQAYSQGYAK	AGAP003388-PA	-	114	2.95E-11	1	1930.846	0.12	Head	2R:-:37226378-37226508,37224599-37224632	exon=> In CDS Exon 4 and 3 of transcript AGAP003388-PA
JHU_Ag_100083	RGGIPGVGGPPGPK	AGAP003388-PA	-	73	4.86E-07	2	1245.705	-0.76	Head	2R:-:37227099-37227058	exon=> In CDS Exon 2 of transcript AGAP003388-PA
JHU_Ag_113043	STAYSGYDAQAYSQGYAK	AGAP003388-PA	-	70	7.50E-07	1	1930.846	0.5	Salivary gland	2R:-:37226378-37226508,37224599-37224632	exon=> In CDS Exon 4 and 3 of transcript AGAP003388-PA
JHU_Ag_97479	DGSLGVIGIQQPIPYK	AGAP003389-PA	-	75	2.27E-07	2	1684.933	3.34	Head	2R:-:37230164-37230117	exon=> In CDS Exon 7 of transcript AGAP003389-PA
JHU_Ag_8625	TVVAPAVAAK	AGAP003390-PA	-	37	0.000577025	1	926.568	0.81	Head	2R:-:37233900-37233871	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_9125	GSYSLIEPDGSRR	AGAP003390-PA	-	41	0.001376541	1	1436.715	1.19	Head	2R:-:37234041-37234003	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_13925	AAAPVVAAAPVVAAR	AGAP003390-PA	-	70	1.56E-07	1	1333.800	3.86	Malpighian tubule	2R:-:37234230-37234186	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_16130	SFAAPAPLAYSAPLAAYTAPVVAR	AGAP003390-PA	-	133	3.13E-13	1	2375.281	2.17	Malpighian tubule	2R:-:37234437-37234366	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_22921	DVPVAVATPAVAVAAK	AGAP003390-PA	-	59	3.88E-06	1	1478.854	-2.82	Malpighian tubule	2R:-:37233948-37233901	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_30915	AAPLAAAAYTAPVVAAAAPAVVAAR	AGAP003390-PA	-	85	4.08E-09	1	2234.275	4.35	Malpighian tubule	2R:-:37234305-37234231	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_31521	DVPVAVATPAVAVAAK	AGAP003390-PA	-	40	0.000220908	1	1478.860	1.26	Pupa	2R:-:37233948-37233901	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_33036	AAAPVVAAAPVVAAR	AGAP003390-PA	-	75	4.41E-08	2	1333.795	-0.4	Midgut	2R:-:37234230-37234186	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_36015	AAYTAAAAPLAYSAPVVAAR	AGAP003390-PA	-	92	5.34E-09	1	1905.022	-0.75	Midgut	2R:-:37234365-37234306	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_36334	AAAPVVAAAPVVAAR	AGAP003390-PA	-	41	0.000118067	2	1333.797	1.7	Ovary	2R:-:37234230-37234186	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_39203	AAYTAAAAPLAYSAPVVAAR	AGAP003390-PA	-	100	7.72E-10	1	1905.027	1.88	Malpighian tubule	2R:-:37234365-37234306	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_47937	AAPLAAAAYTAPVVAAAAPAVVAAR	AGAP003390-PA	-	71	1.11E-07	1	2234.268	0.83	Salivary gland	2R:-:37234305-37234231	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_52183	SFAAPAPLAYSAPLAAYTAPVVAR	AGAP003390-PA	-	89	7.57E-09	2	2375.279	1.24	Ovary	2R:-:37234437-37234366	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_53105	AAPLAAAAYTAPVVAAAAPAVVAAR	AGAP003390-PA	-	101	1.59E-10	1	2234.263	-1.38	Head	2R:-:37234305-37234231	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_54558	IVNYYADPINGFNAVVQK	AGAP003390-PA	N10(Deamidated)	138	2.06E-13	1	2025.044	0.08	Head	2R:-:37234002-37233949	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_61855	DVPVAVATPAVAVAAK	AGAP003390-PA	-	60	2.95E-06	1	1478.858	0.44	Salivary gland	2R:-:37233948-37233901	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_63090	AAAPVVAAAPVVAAR	AGAP003390-PA	-	85	4.46E-09	2	1333.798	1.79	Head	2R:-:37234230-37234186	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_65798	DVPVAVATPAVAVAAK	AGAP003390-PA	-	69	2.84E-07	2	1478.860	1.76	Head	2R:-:37233948-37233901	exon=> In CDS Exon 2 of transcript AGAP003390-PA

JHU_Ag_67157	GSYSLIEPDGSR	AGAP003390-PA	-	32	0.010683914	2	1280.610	-1.36	Midgut	2R:-:37234041-37234006	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_70028	SFAAPAPLAYSAPLAAYTAPVVAR	AGAP003390-PA	-	85	1.97E-08	2	2375.285	4.02	Pupa	2R:-:37234437-37234366	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_71461	IVNYYADPINGFNAVVQK	AGAP003390-PA	N13(Deamidated),N10(Deamidated)	98	1.72E-09	1	2025.059	7.44	Pupa	2R:-:37234002-37233949	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_74352	DVPVAVATPAVAVAAK	AGAP003390-PA	-	57	4.41E-06	2	1478.857	-0.39	Midgut	2R:-:37233948-37233901	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_80293	IVNYYADPINGFNAVVQKDVPVAVATPAVAVAAK	AGAP003390-PA	-	32	0.001210695	1	3484.907	6.56	Malpighian tubule	2R:-:37234002-37233901	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_87395	SFAAPAPLAYSAPLAAYTAPVVAR	AGAP003390-PA	-	115	2.24E-11	2	2375.279	1.35	Head	2R:-:37234437-37234366	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_87538	IVNYYADPINGFNAVVQK	AGAP003390-PA	-	64	3.98E-06	1	2025.049	2.43	Midgut	2R:-:37234002-37233949	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_91020	AAAPVVAAAPVVAAR	AGAP003390-PA	-	61	1.23E-06	1	1333.797	1.06	Salivary gland	2R:-:37234230-37234186	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_93349	IVNYYADPINGFNAVVQK	AGAP003390-PA	-	90	1.10E-08	1	2025.053	4.54	Ovary	2R:-:37234002-37233949	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_95371	AAAPVVAAAPVVAAR	AGAP003390-PA	-	55	4.23E-06	1	1333.796	0.69	Pupa	2R:-:37234230-37234186	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_95568	IVNYYADPINGFNAVVQK	AGAP003390-PA	-	81	8.84E-08	1	2025.053	4.18	Salivary gland	2R:-:37234002-37233949	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_95652	AAYTAAAAPLAYSAPVVAAR	AGAP003390-PA	-	106	2.17E-10	1	1905.020	-1.69	Head	2R:-:37234365-37234306	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_96894	AAYTAAAAPLAYSAPVVAAR	AGAP003390-PA	-	81	6.81E-08	1	1905.024	0.53	Salivary gland	2R:-:37234365-37234306	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_101336	AAPLAAAAYTAPVVAAAAPAVVAAR	AGAP003390-PA	-	69	2.02E-07	1	2234.268	1.07	Midgut	2R:-:37234305-37234231	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_105788	AAYTAAAAPLAYSAPVVAAR	AGAP003390-PA	-	90	8.58E-09	2	1905.023	0.27	Pupa	2R:-:37234365-37234306	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_108076	IVNYYADPINGFNAVVQK	AGAP003390-PA	N13(Deamidated),N10(Deamidated)	148	1.90E-14	1	2025.050	2.79	Malpighian tubule	2R:-:37234002-37233949	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_116818	AAPLAAAAYTAPVVAAAAPAVVAAR	AGAP003390-PA	-	72	7.82E-08	1	2234.274	3.86	Pupa	2R:-:37234305-37234231	exon=> In CDS Exon 2 of transcript AGAP003390-PA
JHU_Ag_1263	IQLLDAENSDEIEK	AGAP003397-PA	-	103	8.57E-10	2	1616.806	2.71	Ovary	2R:+:37298763-37298804	exon=> In CDS Exon 6 of transcript AGAP003397-PA
JHU_Ag_2364	ADCETYLHR	AGAP003397-PA	C3(Carbamidomethyl)	64	3.10E-06	1	1164.511	0.35	Ovary	2R:+:37298547-37298573	exon=> In CDS Exon 5 of transcript AGAP003397-PA
JHU_Ag_8403	TEDQEISNLVDSLAIGK	AGAP003397-PA	-	106	4.00E-10	1	1831.939	5.96	Malpighian tubule	2R:+:37296956-37296982,37297065-37297088	exon=> In CDS Exon 1 and 2 of transcript AGAP003397-PA
JHU_Ag_10746	TIEAHFQK	AGAP003397-PA	-	54	5.28E-05	1	973.512	2.12	Ovary	2R:+:37298736-37298759	exon=> In CDS Exon 6 of transcript AGAP003397-PA
JHU_Ag_11027	YQAISNIYGVITVGQAIIFCHTR	AGAP003397-PA	C20(Carbamidomethyl)	118	1.31E-11	1	2624.381	5.89	Ovary	2R:+:37298083-37298145,37298224-37298229	exon=> In CDS Exon 3 and 4 of transcript AGAP003397-PA
JHU_Ag_17739	ADTATESTNASAATAAAAATNWVQK	AGAP003397-PA	N-Term(Acetyl)	42	0.000948064	1	2464.167	3.45	Ovary	2R:+:37296881-37296955	exon=> In CDS Exon 1 of transcript AGAP003397-PA
JHU_Ag_19900	VLITTNVLSR	AGAP003397-PA	-	38	0.000385455	2	1115.682	3.01	Malpighian tubule	2R:+:37298356-37298385	exon=> In CDS Exon 4 of transcript AGAP003397-PA
JHU_Ag_23936	TAAFVLAMLSR	AGAP003397-PA	-	67	1.12E-06	2	1179.655	-0.47	Malpighian tubule	2R:+:37297555-37297587	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_24852	ITDHIIIGTPGK	AGAP003397-PA	-	43	0.000172994	2	1264.727	1.04	Head	2R:+:37297747-37297782	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_24874	FAVRGEELPK	AGAP003397-PA	-	38	0.002041808	1	1145.632	0.31	Ovary	2R:+:37297708-37297737	exon=> In CDS Exon 3 of transcript AGAP003397-PA

JHU_Ag_26039	TAAFVLAMLSR	AGAP003397-PA	M8(Oxidation)	63	4.42E-06	2	1195.649	-1.01	Male reproductive organs	2R:+:37297555-37297587	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_30517	NGIAINLVDSDHSMEICR	AGAP003397-PA	M14(Oxidation), C17(Carbamidomethyl)	51	0.000112944	1	2059.961	3.58	Ovary	2R:+:37298682-37298735	exon=> In CDS Exon 6 of transcript AGAP003397-PA
JHU_Ag_36182	VLITTNVLSR	AGAP003397-PA	-	47	5.13E-05	2	1115.679	0.82	Male reproductive organs	2R:+:37298356-37298385	exon=> In CDS Exon 4 of transcript AGAP003397-PA
JHU_Ag_37092	TEDQEISNLVDSLAIGKDK	AGAP003397-PA	-	63	6.63E-06	1	2075.055	2.3	Ovary	2R:+:37296956-37296982,37297065-37297094	exon=> In CDS Exon 1 and 2 of transcript AGAP003397-PA
JHU_Ag_39999	KPYPQVICLSPTYELAIQTGEVAAK	AGAP003397-PA	C8(Carbamidomethyl)	100	6.51E-10	1	2776.475	5.56	Ovary	2R:+:37297600-37297674	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_45114	VLITTNVLSR	AGAP003397-PA	-	76	5.97E-08	2	1115.679	0.16	Midgut	2R:+:37298356-37298385	exon=> In CDS Exon 4 of transcript AGAP003397-PA
JHU_Ag_56918	KIQLLDAENSDEIEK	AGAP003397-PA	-	61	1.11E-05	1	1744.895	-0.64	Ovary	2R:+:37298760-37298804	exon=> In CDS Exon 6 of transcript AGAP003397-PA
JHU_Ag_57276	KDPSSPLHSVK	AGAP003397-PA	-	69	1.28E-06	1	1194.649	1.26	Ovary	2R:+:37297366-37297398	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_61399	IQLLDAENSDEIEKIGS	AGAP003397-PA	-	70	1.53E-06	2	1873.944	2.86	Ovary	2R:+:37298763-37298813	exon=> In CDS Exon 6 of transcript AGAP003397-PA
JHU_Ag_61784	EQESLDNIKQYYVK	AGAP003397-PA	-	79	1.94E-07	1	1756.880	2.45	Ovary	2R:+:37298020-37298061	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_69088	SFEALHLKPELLQGVYAMGFNAPSK	AGAP003397-PA	M18(Oxidation)	65	3.89E-06	1	2763.419	0.37	Head	2R:+:37297399-37297473	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_71542	VLITTNVLSR	AGAP003397-PA	-	48	4.88E-05	2	1115.677	-1.15	Pupa	2R:+:37298356-37298385	exon=> In CDS Exon 4 of transcript AGAP003397-PA
JHU_Ag_72078	VLITTNVLSR	AGAP003397-PA	-	75	7.96E-08	1	1115.679	0.93	Ovary	2R:+:37298356-37298385	exon=> In CDS Exon 4 of transcript AGAP003397-PA
JHU_Ag_74888	TAAFVLAMLSR	AGAP003397-PA	-	72	3.99E-07	2	1179.657	0.87	Pupa	2R:+:37297555-37297587	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_76049	LAVLDRFR	AGAP003397-PA	-	38	0.000929723	2	989.591	1.88	Ovary	2R:+:37298317-37298340	exon=> In CDS Exon 4 of transcript AGAP003397-PA
JHU_Ag_77894	KPYPQVICLSPTYELAIQTGEVAAK	AGAP003397-PA	C8(Carbamidomethyl)	46	0.000149817	3	2776.472	4.7	Malpighian tubule	2R:+:37297600-37297674	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_78445	TEDQEISNLVDSLAIGK	AGAP003397-PA	-	105	5.07E-10	2	1831.933	2.63	Head	2R:+:37296956-37296982,37297065-37297088	exon=> In CDS Exon 1 and 2 of transcript AGAP003397-PA
JHU_Ag_82656	IQLLDAENSDEIEK	AGAP003397-PA	-	50	0.000169635	2	1616.805	2.33	Head	2R:+:37298763-37298804	exon=> In CDS Exon 6 of transcript AGAP003397-PA
JHU_Ag_88065	TEDQEISNLVDSLAIGK	AGAP003397-PA	-	61	1.54E-05	2	1831.932	1.77	Male reproductive organs	2R:+:37296956-37296982,37297065-37297088	exon=> In CDS Exon 1 and 2 of transcript AGAP003397-PA
JHU_Ag_91004	TAAFVLAMLSR	AGAP003397-PA	M8(Oxidation)	96	1.57E-09	2	1179.659	2.84	Ovary	2R:+:37297555-37297587	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_91512	ITDHIIIGTPGK	AGAP003397-PA	-	76	1.11E-07	1	1264.726	-0.02	Ovary	2R:+:37297747-37297782	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_93301	KITDHIIIGTPGK	AGAP003397-PA	-	73	7.49E-08	1	1392.821	0.34	Ovary	2R:+:37297744-37297782	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_106235	SFEALHLKPELLQGVYAMGFNAPSK	AGAP003397-PA	M18(Oxidation)	114	4.25E-11	1	2763.427	3.27	Ovary	2R:+:37297399-37297473	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_108609	KPYPQVICLSPTYELAIQTGEVAAK	AGAP003397-PA	C8(Carbamidomethyl)	67	1.13E-06	1	2776.482	8.2	Head	2R:+:37297600-37297674	exon=> In CDS Exon 3 of transcript AGAP003397-PA
JHU_Ag_115164	TEDQEISNLVDSLAIGK	AGAP003397-PA	-	112	1.22E-10	1	1831.936	3.9	Ovary	2R:+:37296956-37296982,37297065-37297088	exon=> In CDS Exon 1 and 2 of transcript AGAP003397-PA

JHU_Ag_2145	SATGGNPEPVSEALDKWHYITLK	AGAP003398-PB,AGAP003398-PA	-	77	2.47E-07	1	2513.263	-1.53	Midgut	2R:+:37301490-37301529,37311759-37311787;2R:+:37301490-37301529,37311759-37311787	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA
JHU_Ag_62965	WHYITLK	AGAP003398-PB,AGAP003398-PA	-	42	0.000912717	1	960.519	-11.72	Malpighian tubule	2R:+:37311767-37311787;2R:+:37311767-37311787	exon=> In CDS Exon 4 of transcript AGAP003398-PB;exon=> In CDS Exon 4 of transcript AGAP003398-PA
JHU_Ag_66951	SATGGNPEPVSEALDK	AGAP003398-PB,AGAP003398-PA	-	78	2.32E-07	1	1571.757	1.3	Ovary	2R:+:37301490-37301529,37311759-37311766;2R:+:37301490-37301529,37311759-37311766	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA
JHU_Ag_68615	WHYITLK	AGAP003398-PB,AGAP003398-PA	-	37	0.002751306	1	960.535	4.86	Ovary	2R:+:37311767-37311787;2R:+:37311767-37311787	exon=> In CDS Exon 4 of transcript AGAP003398-PB;exon=> In CDS Exon 4 of transcript AGAP003398-PA
JHU_Ag_73273	SATGGNPEPVSEALDKWHYITLK	AGAP003398-PB,AGAP003398-PA	-	98	2.13E-09	1	2513.269	0.8	Male reproductive organs	2R:+:37301490-37301529,37311759-37311787;2R:+:37301490-37301529,37311759-37311787	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA
JHU_Ag_77501	SATGGNPEPVSEALDK	AGAP003398-PB,AGAP003398-PA	-	73	6.34E-07	1	1571.754	-0.64	Midgut	2R:+:37301490-37301529,37311759-37311766;2R:+:37301490-37301529,37311759-37311766	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA
JHU_Ag_79816	SATGGNPEPVSEALDK	AGAP003398-PB,AGAP003398-PA	-	84	5.00E-08	1	1571.759	2.93	Head	2R:+:37301490-37301529,37311759-37311766;2R:+:37301490-37301529,37311759-37311766	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA
JHU_Ag_89981	SATGGNPEPVSEALDK	AGAP003398-PB,AGAP003398-PA	-	66	2.96E-06	1	1571.752	-1.88	Pupa	2R:+:37301490-37301529,37311759-37311766;2R:+:37301490-37301529,37311759-37311766	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA
JHU_Ag_95162	SATGGNPEPVSEALDKWHYITLK	AGAP003398-PB,AGAP003398-PA	-	83	5.96E-08	1	2513.276	3.52	Malpighian tubule	2R:+:37301490-37301529,37311759-37311787;2R:+:37301490-37301529,37311759-37311787	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA

JHU_Ag_112293	SATGGNPEPVSEALDK	AGAP003398-PB,AGAP003398-PA	-	62	8.34E-06	2	1571.758	2.31	Malpighian tubule	2R:+:37301490-37301529,37311759-37311766;2R:+:37301490-37301529,37311759-37311766	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PA
JHU_Ag_300	GDNDPIDVLEIGSR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	116	3.52E-11	1	1499.737	1.94	Head	2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_1939	MEISLGEGLNPIK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M1(Oxidation)	79	1.79E-07	2	1416.747	4.76	Larva	2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_3537	IPDGKPENQFAFNGDAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	63	1.01E-05	1	1847.894	0.67	Ovary	2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_6899	MEISLGEGLNPIKQDVK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M1(Oxidation)	99	1.19E-09	1	1870.993	-0.89	Midgut	2R:+:37300784-37300834;2R:+:37300784-37300834;2R:+:37300784-37300834;2R:+:37300784-37300834	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_9087	EVDNNGISCLNTTVDGSPYLVANDAA DEVFAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	C9(Carbamidomethyl)	206	3.01E-20	1	3398.573	0.94	Ovary	2R:+:37301312-37301337,37301420-37301489;2R:+:37301312-37301337,37301420-37301489;2R:+:37301312-37301337,37301420-37301489;2R:+:37301312-37301337,37301420-37301489	exon=> In CDS Exon 2 and 3 of transcript AGAP003398-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP003398-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP003398-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP003398-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP003398-PA
JHU_Ag_10330	MEISLGEGLNPIK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M1(Oxidation)	74	7.03E-07	2	1416.742	1.31	Head	2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_10604	FVANCFPHHGYIWNYGAFPQTWENP DHLDADTGCKGDNDPIDVLEIGSR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	C5(Carbamidomethyl), C34(Carbamidomethyl)	37	0.000776363	1	5645.542	1.48	Ovary	2R:+:37300850-37300996;2R:+:37300850-37300996;2R:+:37300850-37300996;2R:+:37300850-37300996	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_10705	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	56	3.25E-05	1	1062.575	1.87	Malpighian tubule	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_10736	RGEVLQVK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	40	0.001099578	1	928.557	-0.86	Ovary	2R:+:37301006-37301029;2R:+:37301006-37301029;2R:+:37301006-37301029;2R:+:37301006-37301029	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_13354	MEISLGEGLNPIK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M1(Oxidation)	84	6.30E-08	1	1416.739	-0.84	Ovary	2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_18064	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	76	4.05E-07	2	1306.685	1.67	Visceras	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_18565	ILGTIALIDEGETDWK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	78	1.92E-07	2	1773.930	1.95	Male reproductive organs	2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_24389	IPDGKPENQFAFNGDAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	47	0.000367857	1	1847.906	7.55	Visceras	2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_25134	IPDGKPENQFAFNGDAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	N13(Deamidated)	89	2.27E-08	1	1848.875	-0.71	Midgut	2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_25619	ASVEWFKIYK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	63	6.02E-06	1	1270.686	1.98	Malpighian tubule	2R:+:37301165-37301194;2R:+:37301165-37301194;2R:+:37301165-37301194;2R:+:37301165-37301194;2R:+:37301165-37301194	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_25754	MEISLGEGLNPIK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M1(Oxidation)	45	0.000498101	2	1416.746	3.81	Male reproductive organs	2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_26425	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	40	0.001721471	1	1062.574	0.38	Ovary	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_27309	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Q5(Deamidated),N3(Deamidated)	104	6.09E-10	1	2383.114	-0.75	Pupa	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_28894	IYKIPDGKPENQFAFNGDAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	N16(Deamidated)	102	1.08E-09	1	2252.137	0.8	Midgut	2R:+:37301186-37301245;2R:+:37301186-37301245;2R:+:37301186-37301245;2R:+:37301186-37301245;2R:+:37301186-37301245	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_30504	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	44	0.000570448	1	1062.574	0.91	Visceras	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_31875	DAAFATK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	52	7.77E-05	2	723.368	1.03	Head	2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_34439	IPDGKPENQFAFNGDAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	98	2.85E-09	1	1847.899	3.65	Head	2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_35478	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Q5(Deamidated),N3(Deamidated)	125	4.31E-12	1	2382.130	-0.9	Head	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_37128	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M5(Oxidation)	77	3.02E-07	1	1322.678	0.69	Ovary	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_37262	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Q3(Deamidated), N7(Deamidated)	63	8.49E-06	1	1062.573	-0.43	Male reproductive organs	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_39462	GAPNSTDYRVYFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	60	1.86E-05	1	1517.741	1.67	Malpighian tubule	2R:+:37299942-37299978,37300671-37300672;2R:+:37299942-37299978,37300671-37300672;2R:+:37299942-37299978,37300671-37300672;2R:+:37299942-37299978,37300671-37300672	exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PA

JHU_Ag_40028	VYFKNENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	N5(Deamidated),N7(Deamidated),Q9(Deamidated)	78	2.33E-07	1	2920.409	-0.84	Midgut	2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735	exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PA
JHU_Ag_47452	IPDGKPENQFAFNGDAKDAAFATK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	51	0.000118927	1	2552.249	2.8	Malpighian tubule	2R:+:37301195-37301266;2R:+:37301195-37301266;2R:+:37301195-37301266;2R:+:37301195-37301266	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_48843	MEISLGEGLNPIK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	68	2.40E-06	2	1400.748	1.53	Pupa	2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_49239	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	65	4.35E-06	1	2382.123	-3.67	Male reproductive organs	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_49647	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	49	0.000136483	2	866.440	-0.77	Midgut	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_51497	ILGTIALIDEGETDWK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	139	1.70E-13	2	1773.927	0.1	Midgut	2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_52435	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	35	0.003319544	1	866.441	0.65	Head	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_52866	IITINVNDPLADQVNDIGDVETVFPGLLR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	120	5.32E-12	1	3150.670	0.47	Midgut	2R:+:37301078-37301164;2R:+:37301078-37301164;2R:+:37301078-37301164;2R:+:37301078-37301164	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_60297	MEISLGEGLNPIK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	45	0.000419672	2	1400.751	4.15	Malpighian tubule	2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822;2R:+:37300784-37300822	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_61538	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	86	3.23E-08	1	1306.687	3.35	Malpighian tubule	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_63216	GDNDPIDVLEIGSR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	113	7.33E-11	1	1499.732	-0.83	Ovary	2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_69452	DAAFATK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	35	0.0024894	1	723.367	-0.81	Midgut	2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_72525	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	52	9.57E-05	1	1062.573	0.15	Midgut	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_73781	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	N3(Deamidated)	130	1.38E-12	1	2382.131	-0.29	Ovary	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_76074	GAPNSTDYR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	52	6.14E-05	2	980.442	-1.07	Midgut	2R:+:37299942-37299968;2R:+:37299942-37299968;2R:+:37299942-37299968;2R:+:37299942-37299968;2R:+:37299942-37299968	exon=> In CDS Exon 1 of transcript AGAP003398-PB;exon=> In CDS Exon 1 of transcript AGAP003398-PC;exon=> In CDS Exon 1 of transcript AGAP003398-PD;exon=> In CDS Exon 1 of transcript AGAP003398-PF;exon=> In CDS Exon 1 of transcript AGAP003398-PA
JHU_Ag_76461	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	46	0.0002583	2	866.444	3.52	Larva	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_79170	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	75	4.54E-07	2	1306.685	1.85	Pupa	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_82204	FVANCFPHHGYIWNYGAFPQTWENP DHLDADTGCKGDNDPIDVLEIGSR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	C5(Carbamidomethyl), C34(Carbamidomethyl)	104	1.37E-10	1	5645.482	-9.22	Head	2R:+:37300850-37300996;2R:+:37300850-37300996;2R:+:37300850-37300996;2R:+:37300850-37300996	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_83927	RGEVLQVK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	41	0.000743434	1	928.554	-3.63	Head	2R:+:37301006-37301029;2R:+:37301006-37301029;2R:+:37301006-37301029;2R:+:37301006-37301029	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_86241	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Q5(Deamidated),N1(Deamidated),N3(Deamidated)	104	5.85E-10	1	2382.138	2.48	Malpighian tubule	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_87432	IYKIPDGKPENQFAFNGDAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	38	0.002742361	1	2252.132	-1.02	Male reproductive organs	2R:+:37301186-37301245;2R:+:37301186-37301245;2R:+:37301186-37301245;2R:+:37301186-37301245	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_88223	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M5(Oxidation)	56	3.45E-05	2	1306.687	3.63	Salivary gland	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_88541	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	41	0.001386435	1	1062.574	0.45	Head	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_89248	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M5(Oxidation)	77	3.25E-07	1	1322.677	-0.23	Midgut	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_89970	MEISLGEGLNPIKQDVK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M1(Oxidation)	65	3.29E-06	1	1871.000	3.22	Malpighian tubule	2R:+:37300784-37300834;2R:+:37300784-37300834;2R:+:37300784-37300834;2R:+:37300784-37300834;2R:+:37300784-37300834	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_90623	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M5(Oxidation)	42	0.001174131	2	1322.678	0.32	Male reproductive organs	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_92458	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	52	7.87E-05	1	866.441	0.07	Male reproductive organs	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_95398	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Q5(Deamidated),N3(Deamidated)	76	3.91E-07	1	2383.130	6.01	Larva	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_97095	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	51	8.24E-05	2	866.441	0.78	Malpighian tubule	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_97409	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M5(Oxidation)	76	4.14E-07	2	1306.683	0.73	Head	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_97461	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	39	0.002217684	2	1062.573	-0.2	Salivary gland	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_97639	FVANCFPHHGYIWNYGAFPQTWENPDHLDADTGCK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	C5(Carbamidomethyl), C34(Carbamidomethyl)	75	1.33E-07	1	4164.812	-1.45	Ovary	2R:+:37300850-37300954;2R:+:37300850-37300954;2R:+:37300850-37300954;2R:+:37300850-37300954	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_98262	IPDGKPENQFAFNGDAK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	N13(Deamidated)	54	6.62E-05	1	1848.876	-0.38	Pupa	2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245;2R:+:37301195-37301245	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_98347	ILGTIALIDEGETDWK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	110	1.39E-10	1	1773.933	3.33	Head	2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_98390	GDNDPIDVLEIGSR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	91	1.23E-08	1	1499.740	4.38	Malpighian tubule	2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_101813	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	99	1.82E-09	1	2382.135	1.25	Visceras	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_102507	VYFKNENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	90	1.42E-08	1	2919.441	4.86	Malpighian tubule	2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735;2R:+:37299969-37299978,37300671-37300735	exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP003398-PA
JHU_Ag_103328	ILGTIALIDEGETDWK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	84	5.24E-08	2	1773.936	5.05	Visceras	2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_104853	ILGTIALIDEGETDWK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	98	2.28E-09	1	1773.937	5.46	Larva	2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_105011	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	48	0.000188833	2	866.441	0.78	Visceras	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_107241	GDNDPIDVLEIGSR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	82	7.98E-08	1	1499.733	-0.5	Visceras	2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_108163	TVYNMVVEVPR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	M5(Oxidation)	71	8.97E-07	1	1322.684	4.75	Larva	2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768;2R:+:37300736-37300768	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_108963	ILGTIALIDEGETDWK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	124	4.83E-12	2	1773.937	5.81	Malpighian tubule	2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_111320	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	46	0.000272947	1	866.441	0.14	Ovary	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_111674	NENGQSISPLHDIPLYANDER	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	Q5(Deamidated),N1(Deamidated),N3(Deamidated)	97	2.53E-09	1	2383.115	-0.52	Midgut	2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735;2R:+:37300673-37300735	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_111833	ASVEWFK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	45	0.000396535	2	866.440	-0.92	Pupa	2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185;2R:+:37301165-37301185	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_113329	DAAFATK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	53	7.01E-05	2	723.369	2.89	Malpighian tubule	2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266;2R:+:37301246-37301266	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_114031	RGEVLQVK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	41	0.000828373	1	928.557	-0.27	Midgut	2R:+:37301006-37301029;2R:+:37301006-37301029;2R:+:37301006-37301029;2R:+:37301006-37301029	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_114203	GDNDPIDVLEIGSR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	98	2.46E-09	2	1499.738	2.59	Midgut	2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996;2R:+:37300955-37300996	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_114750	FWQQLVNK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	45	0.000482947	2	1062.572	-0.66	Pupa	2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311;2R:+:37301288-37301311	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_115397	ILGTIALIDEGETDWK	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	111	1.13E-10	1	1773.937	5.67	Pupa	2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077;2R:+:37301030-37301077	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA
JHU_Ag_117332	IITINVNDPLADQVNDIGDVETVFPGLLR	AGAP003398-PB,AGAP003398-PC,AGAP003398-PD,AGAP003398-PF,AGAP003398-PA	-	86	1.37E-08	1	3150.672	1.05	Ovary	2R:+:37301078-37301164;2R:+:37301078-37301164;2R:+:37301078-37301164;2R:+:37301078-37301164	exon=> In CDS Exon 2 of transcript AGAP003398-PB;exon=> In CDS Exon 2 of transcript AGAP003398-PC;exon=> In CDS Exon 2 of transcript AGAP003398-PD;exon=> In CDS Exon 2 of transcript AGAP003398-PF;exon=> In CDS Exon 2 of transcript AGAP003398-PA

JHU_Ag_21526	SATGGNPEPVSEALHK	AGAP003398-PD,AGAP003398-PF	-	76	3.26E-07	1	1593.787	0.15	Head	2R:+:37301490-37301529,37311474-37311481;2R:+:37301490-37301529,37311474-37311481	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PF
JHU_Ag_51482	SATGGNPEPVSEALHK	AGAP003398-PD,AGAP003398-PF	-	73	7.41E-07	1	1593.788	0.99	Visceras	2R:+:37301490-37301529,37311474-37311481;2R:+:37301490-37301529,37311474-37311481	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PF
JHU_Ag_75258	SATGGNPEPVSEALHK	AGAP003398-PD,AGAP003398-PF	-	66	4.05E-06	1	1593.793	3.82	Malpighian tubule	2R:+:37301490-37301529,37311474-37311481;2R:+:37301490-37301529,37311474-37311481	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PF
JHU_Ag_90453	SATGGNPEPVSEALHK	AGAP003398-PD,AGAP003398-PF	-	83	8.58E-08	1	1593.792	3.06	Midgut	2R:+:37301490-37301529,37311474-37311481;2R:+:37301490-37301529,37311474-37311481	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PF
JHU_Ag_117495	SATGGNPEPVSEALHK	AGAP003398-PD,AGAP003398-PF	-	60	1.50E-05	2	1593.786	-0.54	Male reproductive organs	2R:+:37301490-37301529,37311474-37311481;2R:+:37301490-37301529,37311474-37311481	exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP003398-PF
JHU_Ag_85119	HYNHINSQYTFTPEEIK	AGAP003400-PA	-	72	1.07E-06	1	2121.000	-1.9	Head	2R:+:37394549-37394599	exon=> In CDS Exon 4 of transcript AGAP003400-PA
JHU_Ag_285	ILTIK	AGAP003401-PA	-	25	0.004314297	1	587.410	-5.06	Head	2R:-:37405534-37405520	exon=> In CDS Exon 3 of transcript AGAP003401-PA
JHU_Ag_58415	EIEQDILK	AGAP003401-PA	-	42	0.001362248	1	987.545	9.41	Head	2R:-:37405856-37405833	exon=> In CDS Exon 2 of transcript AGAP003401-PA
JHU_Ag_706	HSIQTLIAPLLR	AGAP003402-PA	-	75	1.85E-08	1	1361.831	3.09	Ovary	2R:-:37413385-37413556,37413014-37413265	exon=> In CDS Exon 5 and 4 of transcript AGAP003402-PA
JHU_Ag_11578	HSIQTLIAPLLR	AGAP003402-PA	-	50	6.61E-06	2	1361.829	1.75	Head	2R:-:37413385-37413556,37413014-37413265	exon=> In CDS Exon 5 and 4 of transcript AGAP003402-PA
JHU_Ag_16591	SLLTYFVESFGK	AGAP003402-PA	-	54	5.71E-05	2	1390.731	3.72	Ovary	2R:-:37412763-37412728	exon=> In CDS Exon 6 of transcript AGAP003402-PA
JHU_Ag_51738	SLLTYFVESFGK	AGAP003402-PA	-	88	2.40E-08	2	1390.727	1.53	Midgut	2R:-:37412763-37412728	exon=> In CDS Exon 6 of transcript AGAP003402-PA
JHU_Ag_92620	HSIQTLIAPLLR	AGAP003402-PA	-	26	0.002009376	2	1361.827	0.67	Midgut	2R:-:37413385-37413556,37413014-37413265	exon=> In CDS Exon 5 and 4 of transcript AGAP003402-PA
JHU_Ag_94709	GNLFAPVVEAFLR	AGAP003402-PA	-	32	0.004691784	2	1432.793	-1.15	Midgut	2R:-:37412877-37412839	exon=> In CDS Exon 6 of transcript AGAP003402-PA

JHU_Ag_4891	DSVSYLHTSLK	AGAP003405-PA	-	64	6.52E-06	1	1249.646	2.78	Head	2R:+:37433737-37433769	exon=> In CDS Exon 5 of transcript AGAP003405-PA
JHU_Ag_7917	FEALVAMYK	AGAP003405-PA	M7(Oxidation)	52	8.98E-05	2	1087.549	-0.61	Ovary	2R:+:37433478-37433504	exon=> In CDS Exon 4 of transcript AGAP003405-PA
JHU_Ag_11478	DSVSYLHTSLK	AGAP003405-PA	-	62	9.50E-06	1	1249.649	5.52	Male reproductive organs	2R:+:37433737-37433769	exon=> In CDS Exon 5 of transcript AGAP003405-PA
JHU_Ag_13583	VGDGPFPTELLDEIGSLLQK	AGAP003405-PA	-	175	3.45E-17	1	2128.117	-0.39	Ovary	2R:+:37434032-37434067,37434151-37434174	exon=> In CDS Exon 6 and 7 of transcript AGAP003405-PA
JHU_Ag_19099	LDILDTLK	AGAP003405-PA	-	39	0.001461516	2	930.549	-2.13	Male reproductive organs	2R:+:37434292-37434315	exon=> In CDS Exon 7 of transcript AGAP003405-PA
JHU_Ag_21735	LDILDTLK	AGAP003405-PA	-	42	0.000505673	1	930.551	0.56	Visceras	2R:+:37434292-37434315	exon=> In CDS Exon 7 of transcript AGAP003405-PA
JHU_Ag_23607	AHLVLDLHQQVDGLQEAEK	AGAP003405-PA	-	51	8.76E-05	1	2143.114	-0.32	Head	2R:+:37433132-37433188	exon=> In CDS Exon 3 of transcript AGAP003405-PA
JHU_Ag_24981	CGWLDLPLLR	AGAP003405-PA	C1(Carbamidomethyl)	51	7.78E-05	1	1242.668	1.2	Visceras	2R:+:37434217-37434246	exon=> In CDS Exon 7 of transcript AGAP003405-PA
JHU_Ag_26900	FIESDLDVPVKWIGVGK	AGAP003405-PA	-	74	2.11E-07	1	1902.041	1.95	Malpighian tubule	2R:+:37434581-37434631	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_28597	LDILDTLK	AGAP003405-PA	-	55	2.61E-05	1	930.551	0.56	Ovary	2R:+:37434292-37434315	exon=> In CDS Exon 7 of transcript AGAP003405-PA
JHU_Ag_30196	DFGELPPQAQDYIR	AGAP003405-PA	-	38	0.00284569	1	1648.800	2.03	Pupa	2R:+:37434539-37434580	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_31321	VGDGPFPTELLDEIGSLLQK	AGAP003405-PA	-	62	6.73E-06	2	2128.113	-2.23	Midgut	2R:+:37434032-37434067,37434151-37434174	exon=> In CDS Exon 6 and 7 of transcript AGAP003405-PA
JHU_Ag_31326	DFGELPPQAQDYIR	AGAP003405-PA	-	88	2.65E-08	1	1648.797	0.25	Ovary	2R:+:37434539-37434580	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_41521	FIESDLDVPVK	AGAP003405-PA	-	69	1.93E-06	2	1261.670	1.85	Pupa	2R:+:37434581-37434613	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_42131	VSDLLGDFK	AGAP003405-PA	-	47	0.000254574	2	993.527	2.28	Pupa	2R:+:37433267-37433293	exon=> In CDS Exon 3 of transcript AGAP003405-PA
JHU_Ag_45503	FIESDLDVPVK	AGAP003405-PA	-	50	0.000162903	1	1261.666	-1.15	Salivary gland	2R:+:37434581-37434613	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_50778	DFGELPPQAQDYIR	AGAP003405-PA	-	51	0.000123031	2	1648.799	1.44	Visceras	2R:+:37434539-37434580	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_50990	FIESDLDVPVK	AGAP003405-PA	-	75	4.75E-07	2	1261.669	1.17	Head	2R:+:37434581-37434613	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_53642	CISIIGNGVVVHLPGLFEELAK	AGAP003405-PA	C1(Carbamidomethyl)	84	1.23E-08	1	2365.300	2.07	Ovary	2R:+:37428894-37428909,37433028-37433077	exon=> In CDS Exon 2 and 3 of transcript AGAP003405-PA
JHU_Ag_60678	FIESDLDVPVK	AGAP003405-PA	-	61	1.12E-05	2	1261.674	5.04	Male reproductive organs	2R:+:37434581-37434613	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_62687	VSDLLGDFK	AGAP003405-PA	-	64	6.84E-06	1	993.525	-0.49	Ovary	2R:+:37433267-37433293	exon=> In CDS Exon 3 of transcript AGAP003405-PA
JHU_Ag_65544	FIESDLDVPVK	AGAP003405-PA	-	62	8.79E-06	1	1261.668	0.69	Ovary	2R:+:37434581-37434613	exon=> In CDS Exon 8 of transcript AGAP003405-PA
JHU_Ag_73441	VSDLLGDFK	AGAP003405-PA	-	40	0.001500333	2	993.524	-1.16	Male reproductive organs	2R:+:37433267-37433293	exon=> In CDS Exon 3 of transcript AGAP003405-PA
JHU_Ag_74174	LDILDTLK	AGAP003405-PA	-	34	0.003490355	1	930.552	1.22	Malpighian tubule	2R:+:37434292-37434315	exon=> In CDS Exon 7 of transcript AGAP003405-PA
JHU_Ag_80095	VSDLLGDFK	AGAP003405-PA	-	43	0.000819246	2	993.526	0.31	Salivary gland	2R:+:37433267-37433293	exon=> In CDS Exon 3 of transcript AGAP003405-PA
JHU_Ag_81801	FIESDLDVPVK	AGAP003405-PA	-	83	8.34E-08	2	1261.668	0.5	Midgut	2R:+:37434581-37434613	exon=> In CDS Exon 8 of transcript AGAP003405-PA

JHU_Ag_86946	DSVSYLHTSLK	AGAP003405-PA	-	68	2.49E-06	1	1249.644	1.32	Ovary	2R:+:37433737-37433769	exon=> In CDS Exon 5 of transcript AGAP003405-PA
JHU_Ag_96057	RGGEVGVTTQR	AGAP003405-PA	-	36	0.0050385	2	1159.611	-6.34	Head	2R:+:37434175-37434207	exon=> In CDS Exon 7 of transcript AGAP003405-PA
JHU_Ag_97484	VVDMLAADADIVCR	AGAP003405-PA	M4(Oxidation), C13(Carbamidomethyl)	113	8.48E-11	1	1563.748	-1.71	Ovary	2R:+:37426000-37426041	exon=> In CDS Exon 1 of transcript AGAP003405-PA
JHU_Ag_98547	DSVSYLHTSLKEGK	AGAP003405-PA	-	75	4.43E-07	1	1563.804	1.92	Malpighian tubule	2R:+:37433737-37433778	exon=> In CDS Exon 5 of transcript AGAP003405-PA
JHU_Ag_99693	DSVSYLHTSLK	AGAP003405-PA	-	46	0.000383105	2	1249.647	4.05	Pupa	2R:+:37433737-37433769	exon=> In CDS Exon 5 of transcript AGAP003405-PA
JHU_Ag_111313	VAVSYNLNGK	AGAP003405-PA	N6(Deamidated),N8(Deamidated)	53	6.56E-05	1	1065.556	-1.6	Ovary	2R:+:37434325-37434335,37434421-37434439	exon=> In CDS Exon 7 and 8 of transcript AGAP003405-PA
JHU_Ag_114318	AHLVLDLHQQVDGLQEAEK	AGAP003405-PA	-	40	0.001012424	1	2143.122	3.61	Malpighian tubule	2R:+:37433132-37433188	exon=> In CDS Exon 3 of transcript AGAP003405-PA
JHU_Ag_116070	DSVSYLHTSLK	AGAP003405-PA	-	78	2.27E-07	1	1249.640	-2.1	Midgut	2R:+:37433737-37433769	exon=> In CDS Exon 5 of transcript AGAP003405-PA
JHU_Ag_13915	ICDFAFFPGITK	AGAP003408-PA	C2(Carbamidomethyl)	45	0.000523573	1	1415.704	1.09	Pupa	2R:+:37453179-37453204,37453285-37453294	exon=> In CDS Exon 6 and 7 of transcript AGAP003408-PA
JHU_Ag_33881	GIATIPK	AGAP003408-PA	-	32	0.001497693	1	699.439	-0.79	Ovary	2R:+:37453056-37453076	exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_39938	ICDFAFFPGITK	AGAP003408-PA	C2(Carbamidomethyl)	93	7.57E-09	1	1415.700	-1.67	Ovary	2R:+:37453179-37453204,37453285-37453294	exon=> In CDS Exon 6 and 7 of transcript AGAP003408-PA
JHU_Ag_50069	HPEFPF	AGAP003408-PA	-	34	0.001467564	1	773.366	5	Head	2R:+:37453295-37453312	exon=> In CDS Exon 7 of transcript AGAP003408-PA
JHU_Ag_85114	ICDFAFFPGITK	AGAP003408-PA	C2(Carbamidomethyl)	76	4.21E-07	1	1415.704	1.09	Male reproductive organs	2R:+:37453179-37453204,37453285-37453294	exon=> In CDS Exon 6 and 7 of transcript AGAP003408-PA
JHU_Ag_99196	ICDFAFFPGITK	AGAP003408-PA	C2(Carbamidomethyl)	62	9.60E-06	1	1415.706	2.29	Head	2R:+:37453179-37453204,37453285-37453294	exon=> In CDS Exon 6 and 7 of transcript AGAP003408-PA
JHU_Ag_113296	ICDFAFFPGITK	AGAP003408-PA	C2(Carbamidomethyl)	51	0.000115605	2	1415.704	0.83	Visceras	2R:+:37453179-37453204,37453285-37453294	exon=> In CDS Exon 6 and 7 of transcript AGAP003408-PA
JHU_Ag_33032	AGLIGFIK	AGAP003409-PA	-	41	0.000175866	2	818.517	3.92	Malpighian tubule	2R:-:37456479-37456456	exon=> In CDS Exon 3 of transcript AGAP003409-PA
JHU_Ag_38936	EHLKIITGLVGGLVTLR	AGAP003409-PA	-	23	0.002994765	1	1819.095	-11.83	Malpighian tubule	2R:-:37457959-37457909	exon=> In CDS Exon 1 of transcript AGAP003409-PA
JHU_Ag_49009	LNTNIHR	AGAP003409-PA	N2(Deamidated), N4(Deamidated)	44	0.000302757	2	869.448	0.32	Midgut	2R:-:37457104-37457084	exon=> In CDS Exon 1 of transcript AGAP003409-PA
JHU_Ag_7038	LLEALK	AGAP003410-PA	-	40	0.000209426	1	686.445	0.74	Ovary	2R:+:37459629-37459646	exon=> In CDS Exon 2 of transcript AGAP003410-PA
JHU_Ag_47920	LLEALK	AGAP003410-PA	-	40	0.000500312	1	686.446	1.72	Malpighian tubule	2R:+:37459629-37459646	exon=> In CDS Exon 2 of transcript AGAP003410-PA
JHU_Ag_74726	LLEALK	AGAP003410-PA	-	29	0.002474221	1	686.444	-0.95	Midgut	2R:+:37459629-37459646	exon=> In CDS Exon 2 of transcript AGAP003410-PA
JHU_Ag_103094	LLEALK	AGAP003410-PA	-	40	0.000210877	1	686.445	0.74	Salivary gland	2R:+:37459629-37459646	exon=> In CDS Exon 2 of transcript AGAP003410-PA
JHU_Ag_880	GPVREGDILTLLESER	AGAP003412-PA	-	45	0.000256126	2	1783.964	5.16	Malpighian tubule	2R:-:37462601-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_6322	TFVLAR	AGAP003412-PA	-	43	0.000165128	2	706.425	0.43	Visceras	2R:-:37462721-37462704	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_6774	VEFLNEQNR	AGAP003412-PA	-	56	5.15E-05	1	1148.568	-1.28	Salivary gland	2R:-:37462649-37462623	exon=> In CDS Exon 1 of transcript AGAP003412-PA

JHU_Ag_9726	EGDILTLLESEREAR	AGAP003412-PA	-	61	1.20E-05	1	1730.897	2.61	Malpighian tubule	2R:-:37462589-37462545	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_21394	TGSQGQCTQVK	AGAP003412-PA	C7(Carbamidomethyl)	63	6.59E-06	2	1193.557	-1.16	Ovary	2R:-:37462682-37462650	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_23519	EGDILTLLESER	AGAP003412-PA	-	61	1.38E-05	2	1374.714	2.08	Pupa	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_30943	VEFLNEQNRQIIR	AGAP003412-PA	-	73	5.56E-07	1	1658.898	0.38	Malpighian tubule	2R:-:37462649-37462611	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_33349	VEFLNEQNR	AGAP003412-PA	N5(Deamidated),Q7(Deamidated),N8(Deamidated)	59	2.24E-05	1	1148.569	-0.11	Ovary	2R:-:37462649-37462623	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_43258	VEFLNEQNR	AGAP003412-PA	-	56	4.92E-05	2	1148.570	0.85	Head	2R:-:37462649-37462623	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_43726	EGDILTLLESER	AGAP003412-PA	-	77	3.65E-07	2	1374.714	2.26	Head	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_44405	TGSQGQCTQVKVEFLNEQNR	AGAP003412-PA	C7(Carbamidomethyl)	148	2.22E-14	1	2323.112	0.93	Malpighian tubule	2R:-:37462682-37462623	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_48728	EGDILTLLESER	AGAP003412-PA	-	82	1.10E-07	2	1374.716	3.33	Visceras	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_56839	EGDILTLLESER	AGAP003412-PA	-	51	0.000129934	2	1374.712	0.66	Salivary gland	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_60310	VEFLNEQNR	AGAP003412-PA	-	51	0.000152779	2	1148.571	1.27	Visceras	2R:-:37462649-37462623	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_60422	VEFLNEQNR	AGAP003412-PA	-	50	0.000200247	2	1148.569	-0.75	Midgut	2R:-:37462649-37462623	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_64202	EGDILTLLESER	AGAP003412-PA	-	87	3.49E-08	2	1374.715	2.79	Malpighian tubule	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_70032	EGDILTLLESER	AGAP003412-PA	-	83	9.19E-08	2	1374.709	-1.47	Midgut	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_72426	MDKTFVLAR	AGAP003412-PA	N-Term(Acetyl),M1(Oxidation)	58	2.17E-05	1	1138.594	1.4	Malpighian tubule	2R:-:37462730-37462704	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_75086	MDKTFVLAR	AGAP003412-PA	N-Term(Acetyl)	58	2.20E-05	2	1122.600	2.11	Malpighian tubule	2R:-:37462730-37462704	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_78115	TFVLAR	AGAP003412-PA	-	39	0.000362929	1	706.425	0.6	Ovary	2R:-:37462721-37462704	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_80398	EGDILTLLESER	AGAP003412-PA	-	89	2.38E-08	1	1374.713	1.02	Ovary	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_84722	VEFLNEQNR	AGAP003412-PA	-	53	0.000102936	1	1148.571	0.95	Malpighian tubule	2R:-:37462649-37462623	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_93477	TFVLAR	AGAP003412-PA	-	38	0.000651725	2	706.426	1.29	Malpighian tubule	2R:-:37462721-37462704	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_116050	EGDILTLLESER	AGAP003412-PA	-	51	0.000126404	2	1374.716	3.51	Larva	2R:-:37462589-37462554	exon=> In CDS Exon 1 of transcript AGAP003412-PA
JHU_Ag_26602	GDGQDSDFINTFLR	AGAP003413-PA	-	46	0.000352736	2	1584.737	4.92	Ovary	2R:+:37464118-37464159	exon=> In CDS Exon 1 of transcript AGAP003413-PA
JHU_Ag_58473	GDGQDSDFINTFLR	AGAP003413-PA	-	72	9.19E-07	2	1584.733	2.3	Head	2R:+:37464118-37464159	exon=> In CDS Exon 1 of transcript AGAP003413-PA
JHU_Ag_94543	LGPEICTLLEGK	AGAP003413-PA	C6(Carbamidomethyl)	38	0.002212479	2	1329.710	0.98	Ovary	2R:+:37464265-37464300	exon=> In CDS Exon 1 of transcript AGAP003413-PA
JHU_Ag_513	AGYNVLLCDLPTSK	AGAP003414-PA	C8(Carbamidomethyl)	81	1.17E-07	1	1550.790	1.19	Male reproductive organs	2R:-:37465345-37465304	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_1047	AGYNVLLCDLPTSK	AGAP003414-PA	C8(Carbamidomethyl)	77	3.04E-07	2	1550.794	3.55	Head	2R:-:37465345-37465304	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_1842	VLLVNTAGTFNVIR	AGAP003414-PA	-	80	2.01E-08	2	1516.886	0.82	Male reproductive organs	2R:-:37465093-37465052	exon=> In CDS Exon 1 of transcript AGAP003414-PA

JHU_Ag_3512	IVTVAPGLFNTPMLQALPEK	AGAP003414-PA	M13(Oxidation)	71	4.06E-07	2	2155.182	-0.5	Midgut	2R:-:37464865-37464806	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_6947	LSAGLMGENEPNADGQR	AGAP003414-PA	M6(Oxidation)	105	3.06E-10	1	1774.802	-0.49	Ovary	2R:-:37465051-37465001	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_10069	NAVALVTGGASGLGR	AGAP003414-PA	-	50	0.000111128	2	1342.745	0.91	Visceras	2R:-:37465414-37465370	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_10554	NAVALVTGGASGLGR	AGAP003414-PA	-	97	2.07E-09	2	1342.744	0.46	Midgut	2R:-:37465414-37465370	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_15720	GVIVNTASVAAYDGQIGQAAYAASK	AGAP003414-PA	-	43	0.000619 57	3	2425.241	2.29	Head	2R:-:37465000-37464926	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_16921	LGEPAEYAQLVQAIVDNPLLNGEVIR	AGAP003414-PA	-	52	3.16E-05	3	2821.522	4.26	Midgut	2R:-:37464763-37464686	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_18020	AGYNVLLCDLPTSK	AGAP003414-PA	C8(Carbamidomethyl)	95	4.64E-09	1	1550.791	1.82	Visceras	2R:-:37465345-37465304	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_19237	IVTVAPGLFNTPMLQALPEK	AGAP003414-PA	M13(Oxidation)	71	3.39E-07	1	2139.189	0.43	Visceras	2R:-:37464865-37464806	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_20176	IVTVAPGLFNTPMLQALPEK	AGAP003414-PA	M13(Oxidation)	83	2.28E-08	2	2155.183	0.07	Head	2R:-:37464865-37464806	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_20339	VLLVNTAGTFNVIR	AGAP003414-PA	-	77	3.99E-08	2	1516.890	3.48	Pupa	2R:-:37465093-37465052	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_24173	AGYNVLLCDLPTSK	AGAP003414-PA	C8(Carbamidomethyl)	52	8.94E-05	2	1550.789	0.17	Ovary	2R:-:37465345-37465304	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_24377	VLLVNTAGTFNVIR	AGAP003414-PA	N5(Deamidated)	82	1.38E-08	1	1516.887	1.23	Head	2R:-:37465093-37465052	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_30635	AAVVGMTLPIAR	AGAP003414-PA	M6(Oxidation)	69	8.78E-07	1	1214.694	1.34	Ovary	2R:-:37464925-37464890	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_32148	VVYVPVDVLSEKDVSGALELAK	AGAP003414-PA	-	40	0.000320156	1	2330.303	7.55	Malpighian tubule	2R:-:37465270-37465205	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_35946	VLLVNTAGTFNVIR	AGAP003414-PA	-	36	0.000605952	2	1516.891	4.45	Visceras	2R:-:37465093-37465052	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_37403	LDVSVNCAGIAVAVK	AGAP003414-PA	C7(Carbamidomethyl)	65	3.46E-06	1	1515.823	1.99	Ovary	2R:-:37465189-37465145	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_37729	IVTVAPGLFNTPMLQALPEK	AGAP003414-PA	M13(Oxidation)	50	4.46E-05	2	2155.194	4.82	Pupa	2R:-:37464865-37464806	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_40380	NAVALVTGGASGLGR	AGAP003414-PA	-	96	2.17E-09	1	1342.749	3.64	Malpighian tubule	2R:-:37465414-37465370	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_43412	VLLVNTAGTFNVIR	AGAP003414-PA	-	78	3.22E-08	2	1516.888	2.43	Malpighian tubule	2R:-:37465093-37465052	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_43698	GVIVNTASVAAYDGQIGQAAYAASK	AGAP003414-PA	-	56	3.21E-05	1	2425.257	8.78	Malpighian tubule	2R:-:37465000-37464926	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_45093	IVTVAPGLFNTPMLQALPEK	AGAP003414-PA	M13(Oxidation)	46	0.000100314	1	2155.194	4.94	Larva	2R:-:37464865-37464806	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_51941	MLKNAVALVTGGASGLGR	AGAP003414-PA	N-Term(Acetyl), M1(Oxidation)	90	7.54E-09	2	1772.979	5.9	Malpighian tubule	2R:-:37465423-37465370	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_58569	GVIVNTASVAAYDGQIGQAAYAASK	AGAP003414-PA	-	68	1.99E-06	3	2425.239	1.38	Ovary	2R:-:37465000-37464926	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_59321	AGYNVLLCDLPTSK	AGAP003414-PA	C8(Carbamidomethyl)	43	0.000802176	1	1550.793	2.76	Midgut	2R:-:37465345-37465304	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_61424	AAVVGMTLPIAR	AGAP003414-PA	M6(Oxidation)	77	1.63E-07	1	1214.692	-0.27	Male reproductive organs	2R:-:37464925-37464890	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_64767	LSAGLMGENEPNADGQR	AGAP003414-PA	M6(Oxidation)	69	1.21E-06	1	1774.805	1.16	Male reproductive organs	2R:-:37465051-37465001	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_68927	VLLVNTAGTFNVIR	AGAP003414-PA	-	97	4.43E-10	1	1516.887	1.47	Ovary	2R:-:37465093-37465052	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_73036	AGYNVLLCDLPTSK	AGAP003414-PA	C8(Carbamidomethyl)	70	1.35E-06	1	1550.791	1.74	Malpighian tubule	2R:-:37465345-37465304	exon=> In CDS Exon 1 of transcript AGAP003414-PA

JHU_Ag_75462	NAVALVTGGASGLGR	AGAP003414-PA	-	90	9.42E-09	1	1342.743	-0.27	Male reproductive organs	2R:-:37465414-37465370	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_77736	NAVALVTGGASGLGR	AGAP003414-PA	-	54	4.32E-05	2	1342.745	0.55	Ovary	2R:-:37465414-37465370	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_78435	IVTVAPGLFNTPMLQALPEKVR	AGAP003414-PA	M13(Oxidation)	68	1.84E-07	1	2394.377	8.06	Malpighian tubule	2R:-:37464865-37464800	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_80003	VVYVPVDVLSEK	AGAP003414-PA	-	44	0.000349365	2	1346.757	0.63	Male reproductive organs	2R:-:37465270-37465235	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_89623	IVTVAPGLFNTPMLQALPEK	AGAP003414-PA	M13(Oxidation)	139	6.67E-14	1	2155.188	2.22	Ovary	2R:-:37464865-37464806	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_91669	VVYVPVDVLSEKDVSGALELAK	AGAP003414-PA	-	44	0.000184947	1	2330.286	0.17	Ovary	2R:-:37465270-37465205	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_106607	VLLVNTAGTFNVIR	AGAP003414-PA	-	87	4.55E-09	2	1516.884	-0.38	Midgut	2R:-:37465093-37465052	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_116557	NAVALVTGGASGLGR	AGAP003414-PA	-	54	4.10E-05	2	1342.742	-1.09	Head	2R:-:37465414-37465370	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_117529	IVTVAPGLFNTPMLQALPEK	AGAP003414-PA	M13(Oxidation)	45	0.000149719	1	2155.180	-1.41	Male reproductive organs	2R:-:37464865-37464806	exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_1240	HQIDSVPTVLFLR	AGAP003415-PA	-	61	4.18E-06	2	1524.855	0.86	Pupa	2R:+:37466340-37466378	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_14335	IDGVDVGMLTQK	AGAP003415-PA	M8(Oxidation)	51	0.000118417	2	1291.658	1.32	Midgut	2R:+:37466400-37466435	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_15559	AGTAVDRIDGVDVGMLTQK	AGAP003415-PA	M15(Oxidation)	91	1.27E-08	1	1961.999	1.56	Malpighian tubule	2R:+:37466379-37466435	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_24354	HQIDSVPTVLFLR	AGAP003415-PA	-	77	9.94E-08	1	1524.859	3.66	Ovary	2R:+:37466340-37466378	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_25308	YAGMPTTPSPAGDGASNLEER	AGAP003415-PA	M4(Oxidation)	61	8.35E-06	1	2120.956	0.32	Head	2R:+:37466445-37466507	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_27778	YAGMPTTPSPAGDGASNLEER	AGAP003415-PA	M4(Oxidation)	36	0.002109249	1	2136.948	-1.31	Male reproductive organs	2R:+:37466445-37466507	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_31946	SLQFLDVPAEDLSELSMR	AGAP003415-PA	M17(Oxidation)	80	1.63E-07	1	2066.014	1.6	Ovary	2R:+:37466286-37466339	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_34897	HQIDSVPTVLFLR	AGAP003415-PA	-	65	1.79E-06	2	1524.853	-0.26	Midgut	2R:+:37466340-37466378	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_38822	ELLEGGELKETLNP	AGAP003415-PA	-	53	5.56E-05	2	1541.808	1.52	Midgut	2R:+:37466823-37466864	exon=> In CDS Exon 3 of transcript AGAP003415-PA
JHU_Ag_48518	YAGMPTTPSPAGDGASNLEER	AGAP003415-PA	-	67	2.06E-06	1	2120.959	1.47	Malpighian tubule	2R:+:37466445-37466507	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_50475	HQIDSVPTVLFLR	AGAP003415-PA	-	67	1.05E-06	1	1524.858	3.18	Visceras	2R:+:37466340-37466378	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_68502	AGTAVDRIDGVDVGMLTQK	AGAP003415-PA	M15(Oxidation)	64	6.44E-06	1	1961.996	0.06	Midgut	2R:+:37466379-37466435	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_85414	HQIDSVPTVLFLR	AGAP003415-PA	-	65	1.69E-06	2	1524.859	3.66	Malpighian tubule	2R:+:37466340-37466378	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_97007	VTSEDQYKQLIGASK	AGAP003415-PA	-	109	1.45E-10	1	1666.875	5.99	Malpighian tubule	2R:+:37466073-37466107,37466183-37466192	exon=> In CDS Exon 1 and 2 of transcript AGAP003415-PA
JHU_Ag_99670	YAGMPTTPSPAGDGASNLEER	AGAP003415-PA	M4(Oxidation)	67	1.79E-06	1	2136.951	0.18	Midgut	2R:+:37466445-37466507	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_108706	HQIDSVPTVLFLR	AGAP003415-PA	-	68	7.95E-07	1	1524.854	0.22	Head	2R:+:37466340-37466378	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_109834	SLQFLDVPAEDLSELSMR	AGAP003415-PA	M17(Oxidation)	73	8.90E-07	2	2066.017	2.78	Head	2R:+:37466286-37466339	exon=> In CDS Exon 2 of transcript AGAP003415-PA
JHU_Ag_13788	AQISTTEKPQMQQIDLNTLNLQQLTQLK	AGAP003416-PA	N-Term(Acetyl), M11(Oxidation)	68	1.00E-06	1	3283.720	0.02	Midgut	2R:-:37467930-37467847	exon=> In CDS Exon 1 of transcript AGAP003416-PA

JHU_Ag_26988	QILVPLTGSMYVPGTIK	AGAP003416-PA	M10(Oxidation)	49	6.17E-05	1	1833.022	1.72	Midgut	2R:-:37467648-37467756,37467485-37467536	exon=> In CDS Exon 3 and 2 of transcript AGAP003416-PA
JHU_Ag_54770	RIEYVQEQLEK	AGAP003416-PA	-	57	3.06E-05	2	1434.756	-2.25	Head	2R:-:37467371-37467339	exon=> In CDS Exon 4 of transcript AGAP003416-PA
JHU_Ag_61099	NQLDQELSIFQESLNTIK	AGAP003416-PA	-	147	2.53E-14	1	2120.089	1.1	Ovary	2R:-:37467846-37467933,37467626-37467718	exon=> In CDS Exon 2 and 1 of transcript AGAP003416-PA
JHU_Ag_72511	NQLDQELSIFQESLNTIK	AGAP003416-PA	-	43	0.000649496	2	2120.095	3.75	Midgut	2R:-:37467846-37467933,37467626-37467718	exon=> In CDS Exon 2 and 1 of transcript AGAP003416-PA
JHU_Ag_73342	RIEYVQEQLEK	AGAP003416-PA	-	54	6.45E-05	2	1434.758	-0.55	Midgut	2R:-:37467371-37467339	exon=> In CDS Exon 4 of transcript AGAP003416-PA
JHU_Ag_97406	AQISTTEKPQMQQIDLNTLNLQQLTQLK	AGAP003416-PA	N-Term(Acetyl), M11(Oxidation)	133	2.87E-13	1	3283.730	3.03	Ovary	2R:-:37467930-37467847	exon=> In CDS Exon 1 of transcript AGAP003416-PA
JHU_Ag_101677	LTQFSK	AGAP003416-PA	Q3(Deamidated)	29	0.00682589	1	724.386	-1.65	Head	2R:-:37467272-37467255	exon=> In CDS Exon 4 of transcript AGAP003416-PA
JHU_Ag_117388	QILVPLTGSMYVPGTIK	AGAP003416-PA	M10(Oxidation)	107	8.57E-11	1	1833.020	0.72	Ovary	2R:-:37467648-37467756,37467485-37467536	exon=> In CDS Exon 3 and 2 of transcript AGAP003416-PA
JHU_Ag_52230	NLGDLVMNNK	AGAP003421-PA	M7(Oxidation)	57	3.25E-05	1	1133.565	2.28	Midgut	2R:+:37514048-37514057,37514226-37514245	exon=> In CDS Exon 1 and 2 of transcript AGAP003421-PA
JHU_Ag_7241	FDTIDYLTLPVLQR	AGAP003422-PA	-	69	8.50E-07	2	1693.920	2.41	Salivary gland	2R:+:37517518-37517559	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_31731	DGAVVSEGAGFLFR	AGAP003422-PA	-	89	1.56E-08	2	1424.717	0.02	Midgut	2R:+:37518689-37518730	exon=> In CDS Exon 3 of transcript AGAP003422-PA
JHU_Ag_39700	ANELGAADYIR	AGAP003422-PA	-	82	1.04E-07	2	1192.595	-0.5	Midgut	2R:+:37516831-37516863	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_42622	SPLNLTQTVR	AGAP003422-PA	-	71	8.93E-07	1	1128.639	1.89	Salivary gland	2R:+:37518078-37518107	exon=> In CDS Exon 2 of transcript AGAP003422-PA
JHU_Ag_43360	GVAKPAEAVPMR	AGAP003422-PA	M11(Oxidation)	37	0.002048093	1	1241.667	-0.39	Midgut	2R:+:37518764-37518799	exon=> In CDS Exon 3 of transcript AGAP003422-PA
JHU_Ag_52678	NAQNLVVR	AGAP003422-PA	-	49	6.44E-05	1	913.524	2.85	Malpighian tubule	2R:+:37516987-37517010	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_55800	HTLPTFELVR	AGAP003422-PA	-	29	0.009379704	1	1212.673	-0.36	Midgut	2R:+:37519018-37519047	exon=> In CDS Exon 4 of transcript AGAP003422-PA
JHU_Ag_57720	DFGHVPGMDFAHTINGYR	AGAP003422-PA	M8(Oxidation), N15(Deamidated)	39	0.001059473	1	2050.905	-1.21	Midgut	2R:+:37517452-37517505	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_60238	AFLNLESAGSGGKEQLFQAGPQHPWLIEAYGR	AGAP003422-PA	-	119	1.16E-11	1	3471.756	3.15	Malpighian tubule	2R:+:37517266-37517361	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_72173	AWDNLQVLNDFGPKPTGSR	AGAP003422-PA	-	104	6.03E-10	1	2115.062	-0.01	Midgut	2R:+:37516774-37516830	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_73812	SPLNLTQTVR	AGAP003422-PA	-	54	4.12E-05	2	1128.638	1.03	Malpighian tubule	2R:+:37518078-37518107	exon=> In CDS Exon 2 of transcript AGAP003422-PA
JHU_Ag_77255	FDTIDYLTLPVLQR	AGAP003422-PA	-	78	1.24E-07	2	1693.917	0.39	Midgut	2R:+:37517518-37517559	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_80162	NAQNLVVR	AGAP003422-PA	-	57	1.31E-05	2	913.521	-0.22	Midgut	2R:+:37516987-37517010	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_86289	HSIVFLFNGAEETPLQAAHGFVSQHR	AGAP003422-PA	-	72	7.22E-07	1	2892.466	4.02	Malpighian tubule	2R:+:37517170-37517247	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_88241	FNNYWMEGPSPAIEK	AGAP003422-PA	M6(Oxidation)	104	4.68E-10	1	1798.811	0.01	Midgut	2R:+:37518869-37518873,37518978-37519017	exon=> In CDS Exon 3 and 4 of transcript AGAP003422-PA
JHU_Ag_107035	AWDNLQVLNDFGPKPTGSR	AGAP003422-PA	-	111	1.04E-10	1	2115.071	4.49	Malpighian tubule	2R:+:37516774-37516830	exon=> In CDS Exon 1 of transcript AGAP003422-PA

JHU_Ag_107225	ATAHAAQLVETAHQTISGAYPIAFLGNPLTSVYR	AGAP003422-PA	-	81	4.00E-08	1	3568.878	6.51	Malpighian tubule	2R:+:37516885-37516986	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_110126	ATAHAAQLVETAHQTISGAYPIAFLGNPLTSVYR	AGAP003422-PA	-	32	0.00275076	1	3568.882	7.75	Midgut	2R:+:37516885-37516986	exon=> In CDS Exon 1 of transcript AGAP003422-PA
JHU_Ag_110705	SPLNLTQTVR	AGAP003422-PA	-	44	0.000420634	2	1128.637	-0.38	Midgut	2R:+:37518078-37518107	exon=> In CDS Exon 2 of transcript AGAP003422-PA
JHU_Ag_25273	AFLNLESAGSGGK	AGAP003422-PA,AGAP003423-PA	-	72	1.06E-06	1	1250.641	2.55	Salivary gland	2R:+:37517266-37517304;2R:+:37520477-37520515	exon=> In CDS Exon 1 of transcript AGAP003422-PA;exon=> In CDS Exon 1 of transcript AGAP003423-PA
JHU_Ag_52941	AFLNLESAGSGGK	AGAP003422-PA,AGAP003423-PA	-	82	8.71E-08	2	1250.637	-0.77	Midgut	2R:+:37517266-37517304;2R:+:37520477-37520515	exon=> In CDS Exon 1 of transcript AGAP003422-PA;exon=> In CDS Exon 1 of transcript AGAP003423-PA
JHU_Ag_77072	AFLNLESAGSGGK	AGAP003422-PA,AGAP003423-PA	-	52	0.000107179	2	1250.639	0.98	Malpighian tubule	2R:+:37517266-37517304;2R:+:37520477-37520515	exon=> In CDS Exon 1 of transcript AGAP003422-PA;exon=> In CDS Exon 1 of transcript AGAP003423-PA
JHU_Ag_45258	DFGHVPGLDFAHIFNGYR	AGAP003423-PA	-	63	1.00E-05	1	2062.004	5.55	Ovary	2R:+:37520663-37520716	exon=> In CDS Exon 1 of transcript AGAP003423-PA
JHU_Ag_70586	LTGWNLTPEVPVK	AGAP003423-PA	-	53	3.20E-05	2	1453.804	-1.03	Midgut	2R:+:37522239-37522277	exon=> In CDS Exon 2 of transcript AGAP003423-PA
JHU_Ag_70658	HPFGQAIGEEIFQSGLIPSDTDFR	AGAP003423-PA	-	34	0.005950051	1	2661.295	0.04	Midgut	2R:+:37520582-37520653	exon=> In CDS Exon 1 of transcript AGAP003423-PA
JHU_Ag_71896	SADAGYLFR	AGAP003423-PA	-	63	4.62E-06	2	999.491	1.43	Midgut	2R:+:37521888-37521914	exon=> In CDS Exon 2 of transcript AGAP003423-PA
JHU_Ag_77836	ELLFQSGPQHPWLIEAYSR	AGAP003423-PA	-	56	3.20E-05	1	2271.156	0.02	Midgut	2R:+:37520516-37520572	exon=> In CDS Exon 1 of transcript AGAP003423-PA
JHU_Ag_110903	AWDTLTHLDALGPK	AGAP003423-PA	-	50	0.000128144	1	1537.808	4.41	Malpighian tubule	2R:+:37519994-37520035	exon=> In CDS Exon 1 of transcript AGAP003423-PA
JHU_Ag_1190	ASALVAAVEK	AGAP003424-PA	-	37	0.00291031	2	958.558	0.87	Ovary	2R:-:37529368-37529339	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_2698	DVDENDFIDASR	AGAP003424-PA	-	92	4.64E-09	2	1395.606	2.97	Head	2R:-:37527632-37527597	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_6669	TLEPLVLQVTTLVSTK	AGAP003424-PA	-	78	1.00E-08	1	1742.035	2.1	Head	2R:-:37529738-37529691	exon=> In CDS Exon 1 of transcript AGAP003424-PA
JHU_Ag_7601	DVDENDFIDASR	AGAP003424-PA	-	72	4.01E-07	2	1395.606	2.62	Salivary gland	2R:-:37527632-37527597	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_10801	SLHVVEDDLDK	AGAP003424-PA	-	68	1.67E-06	1	1269.634	1.78	Head	2R:-:37529083-37529051	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_15653	ATDIFIER	AGAP003424-PA	-	44	0.000546829	2	964.508	-1.77	Salivary gland	2R:-:37529338-37529315	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_17466	DVDENDFIDASR	AGAP003424-PA	-	100	6.20E-10	2	1395.607	3.06	Midgut	2R:-:37527632-37527597	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_20798	KPLVRPEKPEEVR	AGAP003424-PA	-	59	2.45E-06	1	1576.913	-2.32	Head	2R:-:37524513-37524475	exon=> In CDS Exon 9 of transcript AGAP003424-PA
JHU_Ag_21842	VDVAVDALSSNSPK	AGAP003424-PA	-	82	1.19E-07	1	1401.728	4.37	Salivary gland	2R:-:37527674-37527633	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_23299	ASALVAAVEK	AGAP003424-PA	-	43	0.000606652	2	958.558	1.38	Malpighian tubule	2R:-:37529368-37529339	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_30921	METLSNFGQVALK	AGAP003424-PA	N-Term(Acetyl), M1(Oxidation)	49	0.000202238	2	1495.752	3.97	Salivary gland	2R:-:37529822-37529784	exon=> In CDS Exon 1 of transcript AGAP003424-PA
JHU_Ag_34909	VDVAVDALSSNSPK	AGAP003424-PA	-	123	7.90E-12	2	1401.724	1.32	Head	2R:-:37527674-37527633	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_36322	VDVAVDALSSNSPK	AGAP003424-PA	-	87	3.64E-08	1	1401.720	-1.2	Midgut	2R:-:37527674-37527633	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_40486	TGSAMSIAAR	AGAP003424-PA	M5(Oxidation)	38	0.002179556	2	980.486	2.87	Malpighian tubule	2R:-:37529242-37529213	exon=> In CDS Exon 2 of transcript AGAP003424-PA

JHU_Ag_44733	ATDIFIER	AGAP003424-PA	-	42	0.000847754	2	964.510	0.51	Ovary	2R:-:37529338-37529315	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_61552	YAADQIETLCPQVINAALILAARPNSK	AGAP003424-PA	C10(Carbamidomethyl)	76	1.15E-07	1	2940.570	2.89	Head	2R:-:37528091-37528011	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_62202	VDVAVDALSSNSPK	AGAP003424-PA	-	75	5.62E-07	2	1401.724	1.06	Ovary	2R:-:37527674-37527633	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_70098	TQNPVHALSEFQSPTDAV	AGAP003424-PA	-	82	1.05E-07	1	1940.936	0.72	Head	2R:-:37524444-37524391	exon=> In CDS Exon 9 of transcript AGAP003424-PA
JHU_Ag_70500	QVCEAVNTISDVAQGK	AGAP003424-PA	C3(Carbamidomethyl)	60	1.65E-05	2	1718.845	4.03	Malpighian tubule	2R:-:37528801-37528754	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_70900	SSAHTGDQTIDEYPEISGITTAR	AGAP003424-PA	-	46	0.000393459	3	2449.164	6.74	Ovary	2R:-:37527218-37527284,37526487-37526487	exon=> In CDS Exon 5 and 4 of transcript AGAP003424-PA
JHU_Ag_74516	MKAPEK	AGAP003424-PA	M1(Oxidation)	37	0.00367379	1	719.372	-4.77	Midgut	2R:-:37524531-37524514	exon=> In CDS Exon 9 of transcript AGAP003424-PA
JHU_Ag_79198	IMQQVELFR	AGAP003424-PA	M2(Oxidation)	46	0.000265817	1	1179.622	2.34	Salivary gland	2R:-:37526345-37526319	exon=> In CDS Exon 6 of transcript AGAP003424-PA
JHU_Ag_82492	TQNPVHALSEFQSPTDAV	AGAP003424-PA	-	70	1.70E-06	1	1940.945	5.06	Malpighian tubule	2R:-:37524444-37524391	exon=> In CDS Exon 9 of transcript AGAP003424-PA
JHU_Ag_88469	RASALVAAVEK	AGAP003424-PA	-	38	0.00114417	1	1114.657	-1.05	Head	2R:-:37529371-37529339	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_91378	YAADQIETLCPQVINAALILAARPNSK	AGAP003424-PA	C10(Carbamidomethyl)	48	6.33E-05	1	2940.563	0.47	Ovary	2R:-:37528091-37528011	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_93012	SSAHTGDQTIDEYPEISGITTAR	AGAP003424-PA	-	42	0.001027632	1	2449.152	1.88	Malpighian tubule	2R:-:37527218-37527284,37526487-37526487	exon=> In CDS Exon 5 and 4 of transcript AGAP003424-PA
JHU_Ag_99395	DVDENDFIDASR	AGAP003424-PA	-	68	9.65E-07	2	1395.606	2.79	Malpighian tubule	2R:-:37527632-37527597	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_100058	GEQIAYENPDITQEMLSAVEEVRK	AGAP003424-PA	-	44	0.000560105	1	2749.342	2.65	Ovary	2R:-:37529314-37529243	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_104701	DLLAYLQR	AGAP003424-PA	-	47	0.000224486	2	991.560	2.68	Salivary gland	2R:-:37525972-37525949	exon=> In CDS Exon 7 of transcript AGAP003424-PA
JHU_Ag_113202	HPELDLAK	AGAP003424-PA	-	32	0.007872099	2	922.497	-2.43	Head	2R:-:37528849-37528826	exon=> In CDS Exon 2 of transcript AGAP003424-PA
JHU_Ag_117179	DVDENDFIDASR	AGAP003424-PA	-	91	4.52E-09	2	1395.603	0.78	Ovary	2R:-:37527632-37527597	exon=> In CDS Exon 3 of transcript AGAP003424-PA
JHU_Ag_115501	FFEYDEKPVCK	AGAP003429-PA,AGAP003429-PC	C10(Carbamidomethyl)	57	2.81E-05	1	1461.673	0.83	Male reproductive organs	2R:-:37678475-37678443;2R:-:37678475-37678443	exon=> In CDS Exon 6 of transcript AGAP003429-PA;exon=> In CDS Exon 5 of transcript AGAP003429-PC
JHU_Ag_18861	FRGEVYHGYHFNCTSCGAELDSSAR	AGAP003429-PC,AGAP003429-PA,AGAP012744-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	105	2.12E-10	1	2920.261	2.86	Ovary	2R:-:37679799-37679725;2R:-:37679799-37679725;UNKN:-:26380417-26380343	exon=> In CDS Exon 3 of transcript AGAP003429-PC;exon=> In CDS Exon 4 of transcript AGAP003429-PA;exon=> In CDS Exon 4 of transcript AGAP012744-PA
JHU_Ag_8119	IPTVHIVR	AGAP003430-PA	-	32	0.000986487	2	934.583	0.06	Male reproductive organs	2R:-:37685436-37685413	exon=> In CDS Exon 3 of transcript AGAP003430-PA
JHU_Ag_29064	QAETDDQNPMNLATK	AGAP003430-PA	M10(Oxidation)	101	7.42E-10	1	1675.763	2	Malpighian tubule	2R:-:37685211-37685712,37685087-37685087	exon=> In CDS Exon 4 and 3 of transcript AGAP003430-PA
JHU_Ag_48643	QAETDDQNPMNLATK	AGAP003430-PA	M10(Oxidation)	124	4.14E-12	2	1675.760	0.54	Head	2R:-:37685211-37685712,37685087-37685087	exon=> In CDS Exon 4 and 3 of transcript AGAP003430-PA
JHU_Ag_80478	NYQLDGNTGSVALSELIQK	AGAP003430-PA	-	73	7.36E-07	2	2050.053	3.58	Midgut	2R:-:37685703-37685647	exon=> In CDS Exon 3 of transcript AGAP003430-PA

JHU_Ag_1739	AFLNLESSGSGGK	AGAP003432-PA	-	45	0.000478362	2	1266.634	0.94	Salivary gland	2R:+:37698682-37698720	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_3464	FPSWSHVVPSVALVSVFPL	AGAP003432-PA	-	52	3.78E-05	1	2068.133	3.1	Midgut	2R:+:37700745-37700801	exon=> In CDS Exon 4 of transcript AGAP003432-PA
JHU_Ag_14571	YDSMDFLSLDVLQR	AGAP003432-PA	M4(Oxidation)	117	3.65E-11	1	1717.809	-0.57	Midgut	2R:+:37698934-37698975	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_17223	APNAFIAER	AGAP003432-PA	-	46	0.000470544	2	988.522	0.8	Malpighian tubule	2R:+:37698169-37698195	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_17631	STDAGFFFQEMDR	AGAP003432-PA	M11(Oxidation)	73	1.77E-07	1	1566.654	0.61	Midgut	2R:+:37700117-37700155	exon=> In CDS Exon 3 of transcript AGAP003432-PA
JHU_Ag_19773	LPPALTVGDLER	AGAP003432-PA	-	32	0.002882317	2	1280.723	1.37	Malpighian tubule	2R:+:37698133-37698168	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_50528	HPFAHTVGEEIFQLGLIPSDTDFR	AGAP003432-PA	-	49	0.000192869	3	2726.362	1.76	Midgut	2R:+:37698787-37698858	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_55808	TGDNVLALTR	AGAP003432-PA	-	86	4.42E-08	2	1059.584	4.19	Malpighian tubule	2R:+:37698976-37699005	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_60400	EGHFVFITHGLPGK	AGAP003432-PA	-	68	1.74E-06	1	1538.816	2.66	Midgut	2R:+:37700568-37700609	exon=> In CDS Exon 4 of transcript AGAP003432-PA
JHU_Ag_77082	LPPALTVGDLER	AGAP003432-PA	-	51	4.35E-05	1	1280.721	0.42	Salivary gland	2R:+:37698133-37698168	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_78989	EVLFQAGPHHPWLIEAYAR	AGAP003432-PA	-	65	3.61E-06	1	2234.147	-1.51	Midgut	2R:+:37698721-37698777	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_85897	AFLNLESSGSGGK	AGAP003432-PA	-	77	3.36E-07	2	1266.632	-0.31	Midgut	2R:+:37698682-37698720	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_98232	LPPALTVGDLER	AGAP003432-PA	-	85	1.94E-08	1	1280.721	-0.06	Midgut	2R:+:37698133-37698168	exon=> In CDS Exon 1 of transcript AGAP003432-PA
JHU_Ag_109129	ATIEEFVAPGESLTPMR	AGAP003432-PA	M16(Oxidation)	62	8.56E-06	2	1863.913	-1.63	Midgut	2R:+:37700165-37700215	exon=> In CDS Exon 3 of transcript AGAP003432-PA
JHU_Ag_112477	EGVQLVGWSLLDHVPRPAK	AGAP003432-PA	-	27	0.008650874	1	2101.167	5.74	Malpighian tubule	2R:+:37700499-37700555	exon=> In CDS Exon 4 of transcript AGAP003432-PA
JHU_Ag_115350	EGVQLVGWSLLDHVPRPAK	AGAP003432-PA	-	41	0.000388555	1	2101.163	3.82	Midgut	2R:+:37700499-37700555	exon=> In CDS Exon 4 of transcript AGAP003432-PA
JHU_Ag_78913	NKLHISR	AGAP003433-PA	-	38	0.000804068	2	867.506	-11.07	Salivary gland	2R:+:37702202-37702222	exon=> In CDS Exon 2 of transcript AGAP003433-PA
JHU_Ag_884	IVVPPLPGK	AGAP003437-PA	-	19	0.001884045	1	919.598	0.54	Malpighian tubule	2R:-:37714009-37713983	exon=> In CDS Exon 3 of transcript AGAP003437-PA
JHU_Ag_1968	YTDYEVR	AGAP003437-PA	-	39	0.000791021	2	945.432	0.78	Ovary	2R:-:37716084-37716064	exon=> In CDS Exon 1 of transcript AGAP003437-PA
JHU_Ag_3248	GDDGIFDENFIEER	AGAP003437-PA	-	118	9.64E-12	1	1655.718	-0.39	Ovary	2R:-:37713955-37713914	exon=> In CDS Exon 3 of transcript AGAP003437-PA
JHU_Ag_6361	KQTLDDAYAIPANFLEIDVVNPMTTIAAGK	AGAP003437-PA	M23(Oxidation)	32	0.004305115	1	3235.676	6.32	Malpighian tubule	2R:-:37716180-37716091	exon=> In CDS Exon 1 of transcript AGAP003437-PA
JHU_Ag_11011	YSDFEWLR	AGAP003437-PA	-	51	6.39E-05	1	1115.517	1.42	Ovary	2R:-:37714389-37714366	exon=> In CDS Exon 2 of transcript AGAP003437-PA
JHU_Ag_30259	YSDFEWLR	AGAP003437-PA	-	56	2.03E-05	2	1115.518	2.3	Visceras	2R:-:37714389-37714366	exon=> In CDS Exon 2 of transcript AGAP003437-PA
JHU_Ag_30893	IAGHPLAQNER	AGAP003437-PA	-	49	0.000170954	1	1205.640	1.01	Visceras	2R:-:37713883-37713851	exon=> In CDS Exon 3 of transcript AGAP003437-PA
JHU_Ag_36645	KQTLDDAYAIPANFLEIDVVNPMTTIAAGK	AGAP003437-PA	M23(Oxidation)	96	1.94E-09	1	3235.661	1.68	Ovary	2R:-:37716180-37716091	exon=> In CDS Exon 1 of transcript AGAP003437-PA
JHU_Ag_48287	GDDGIFDENFIEER	AGAP003437-PA	-	58	9.46E-06	2	1655.725	3.89	Malpighian tubule	2R:-:37713955-37713914	exon=> In CDS Exon 3 of transcript AGAP003437-PA
JHU_Ag_56446	QTLDDAYAIPANFLEIDVVNPMTTIAAGK	AGAP003437-PA	M22(Oxidation)	50	0.00010617	1	3107.563	0.89	Ovary	2R:-:37716177-37716091	exon=> In CDS Exon 1 of transcript AGAP003437-PA
JHU_Ag_71451	IVVPPLPGK	AGAP003437-PA	-	30	0.000159989	1	919.597	-0.98	Ovary	2R:-:37714009-37713983	exon=> In CDS Exon 3 of transcript AGAP003437-PA

JHU_Ag_72160	RYTDYEVR	AGAP003437-PA	-	47	0.000181314	1	1101.526	-5.41	Head	2R:-:37716087-37716064	exon=> In CDS Exon 1 of transcript AGAP003437-PA
JHU_Ag_78593	GDDGIFDENFIEER	AGAP003437-PA	-	89	8.15E-09	1	1655.721	1.38	Head	2R:-:37713955-37713914	exon=> In CDS Exon 3 of transcript AGAP003437-PA
JHU_Ag_78771	GLEQFINK	AGAP003437-PA	-	49	0.000173741	1	948.516	0.76	Ovary	2R:-:37713907-37713884	exon=> In CDS Exon 3 of transcript AGAP003437-PA
JHU_Ag_79220	TNLPVFK	AGAP003437-PA	-	44	0.000334427	2	818.479	2.08	Ovary	2R:-:37714437-37714417	exon=> In CDS Exon 2 of transcript AGAP003437-PA
JHU_Ag_78517	LHPDILGK	AGAP003439-PF	-	38	0.001562511	1	892.513	-13.31	Midgut	2R:-:37731724-37731701	exon=> In CDS Exon 4 of transcript AGAP003439-PF
JHU_Ag_36387	TATAMGVVAR	AGAP003439-PH	-	34	0.004747079	2	976.531	6.72	Malpighian tubule	2R:-:37732810-37732781	exon=> In CDS Exon 4 of transcript AGAP003439-PH
JHU_Ag_16757	GLTETGDSAPTHQSPAK	AGAP003439-PK,AGAP003439-PG,AGAP003439-PR,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC,AGAP003439-PE	-	91	1.20E-08	2	1696.816	1.53	Head	37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-37761954,37760980-37761674,2R:-:37761826-	exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PK;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PG;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PR;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PP;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PJ;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PF;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PS;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PQ;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PO;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PT;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PM;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PD;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PL;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PI;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PH;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PN;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003439-PE

JHU_Ag_67830	AEPDYTDETAEIETVDAETEQEQK	AGAP003439-PK,AGAP003439-PG,AGAP003439-PR,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC,AGAP003439-PE	-	99	8.47E-10	1	2741.189	3.31	Head	37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-	exon=> In CDS Exon 3 of transcript AGAP003439-PK;exon=> In CDS Exon 3 of transcript AGAP003439-PG;exon=> In CDS Exon 3 of transcript AGAP003439-PR;exon=> In CDS Exon 3 of transcript AGAP003439-PP;exon=> In CDS Exon 3 of transcript AGAP003439-PB;exon=> In CDS Exon 3 of transcript AGAP003439-PJ;exon=> In CDS Exon 3 of transcript AGAP003439-PF;exon=> In CDS Exon 3 of transcript AGAP003439-PS;exon=> In CDS Exon 3 of transcript AGAP003439-PQ;exon=> In CDS Exon 3 of transcript AGAP003439-PO;exon=> In CDS Exon 3 of transcript AGAP003439-PT;exon=> In CDS Exon 3 of transcript AGAP003439-PM;exon=> In CDS Exon 3 of transcript AGAP003439-PD;exon=> In CDS Exon 3 of transcript AGAP003439-PL;exon=> In CDS Exon 3 of transcript AGAP003439-PI;exon=> In CDS Exon 3 of transcript AGAP003439-PA;exon=> In CDS Exon 3 of transcript AGAP003439-PH;exon=> In CDS Exon 3 of transcript AGAP003439-PN;exon=> In CDS Exon 3 of transcript AGAP003439-PC;exon=> In CDS Exon 3 of transcript AGAP003439-PE
JHU_Ag_76437	LILSVCSPYFR	AGAP003439-PK,AGAP003439-PG,AGAP003439-PR,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC,AGAP003439-PE	C6(Carbamidomethyl)	33	0.005413249	1	1354.700	-13.71	Pupa	37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-	exon=> In CDS Exon 1 of transcript AGAP003439-PK;exon=> In CDS Exon 1 of transcript AGAP003439-PG;exon=> In CDS Exon 1 of transcript AGAP003439-PR;exon=> In CDS Exon 1 of transcript AGAP003439-PP;exon=> In CDS Exon 1 of transcript AGAP003439-PB;exon=> In CDS Exon 1 of transcript AGAP003439-PJ;exon=> In CDS Exon 1 of transcript AGAP003439-PF;exon=> In CDS Exon 1 of transcript AGAP003439-PS;exon=> In CDS Exon 1 of transcript AGAP003439-PQ;exon=> In CDS Exon 1 of transcript AGAP003439-PO;exon=> In CDS Exon 1 of transcript AGAP003439-PT;exon=> In CDS Exon 1 of transcript AGAP003439-PM;exon=> In CDS Exon 1 of transcript AGAP003439-PD;exon=> In CDS Exon 1 of transcript AGAP003439-PL;exon=> In CDS Exon 1 of transcript AGAP003439-PI;exon=> In CDS Exon 1 of transcript AGAP003439-PA;exon=> In CDS Exon 1 of transcript AGAP003439-PH;exon=> In CDS Exon 1 of transcript AGAP003439-PN;exon=> In CDS Exon 1 of transcript AGAP003439-PC;exon=> In CDS Exon 1 of transcript AGAP003439-PE

										37761827;2R:-	
										:37761877-	
										37761827;2R:-	
										:37761877-	
										37761827;2R:-	
										:37761877-	
		AGAP003439-								37761827;2R:-	
		PK,AGAP003439-								:37761877-	exon=> In CDS Exon 2 of transcript AGAP003439-
		PG,AGAP003439-								37761827;2R:-	PK;exon=> In CDS Exon 2 of transcript AGAP003439-
		PR,AGAP003439-								:37761877-	PG;exon=> In CDS Exon 2 of transcript AGAP003439-
		PP,AGAP003439-								37761827;2R:-	PR;exon=> In CDS Exon 2 of transcript AGAP003439-
		PB,AGAP003439-								:37761877-	PP;exon=> In CDS Exon 2 of transcript AGAP003439-
		PJ,AGAP003439-								37761827;2R:-	PB;exon=> In CDS Exon 2 of transcript AGAP003439-
		PF,AGAP003439-								:37761877-	PJ;exon=> In CDS Exon 2 of transcript AGAP003439-
		PS,AGAP003439-								37761827;2R:-	PF;exon=> In CDS Exon 2 of transcript AGAP003439-
		PQ,AGAP003439-								:37761877-	PS;exon=> In CDS Exon 2 of transcript AGAP003439-
		PO,AGAP003439-								37761827;2R:-	PQ;exon=> In CDS Exon 2 of transcript AGAP003439-
		PT,AGAP003439-								:37761877-	PO;exon=> In CDS Exon 2 of transcript AGAP003439-
		PM,AGAP003439-								37761827;2R:-	PT;exon=> In CDS Exon 2 of transcript AGAP003439-
		PD,AGAP003439-								:37761877-	PM;exon=> In CDS Exon 2 of transcript AGAP003439-
		PL,AGAP003439-								37761827;2R:-	PD;exon=> In CDS Exon 2 of transcript AGAP003439-
		PI,AGAP003439-								:37761877-	PL;exon=> In CDS Exon 2 of transcript AGAP003439-
		PA,AGAP003439-								37761827;2R:-	PI;exon=> In CDS Exon 2 of transcript AGAP003439-
		PH,AGAP003439-								:37761877-	PA;exon=> In CDS Exon 2 of transcript AGAP003439-
		PN,AGAP003439-								37761827;2R:-	PH;exon=> In CDS Exon 2 of transcript AGAP003439-
		PC,AGAP003439-			0.004776					:37761877-	PN;exon=> In CDS Exon 2 of transcript AGAP003439-
JHU_Ag_90488	QDALPAFISTAEALQIK	PE	-	32	282	2	1815.995	5.36	Head	37761827;2R:-	PC;exon=> In CDS Exon 2 of transcript AGAP003439-PE
										37761587;2R:-	
										:37761673-	
										37761587;2R:-	
										:37761673-	
										37761587;2R:-	
										:37761673-	
		AGAP003439-								37761587;2R:-	
		PK,AGAP003439-								:37761673-	exon=> In CDS Exon 3 of transcript AGAP003439-
		PG,AGAP003439-								37761587;2R:-	PK;exon=> In CDS Exon 3 of transcript AGAP003439-
		PR,AGAP003439-								:37761673-	PG;exon=> In CDS Exon 3 of transcript AGAP003439-
		PP,AGAP003439-								37761587;2R:-	PR;exon=> In CDS Exon 3 of transcript AGAP003439-
		PB,AGAP003439-								:37761673-	PP;exon=> In CDS Exon 3 of transcript AGAP003439-
		PJ,AGAP003439-								37761587;2R:-	PB;exon=> In CDS Exon 3 of transcript AGAP003439-
		PF,AGAP003439-								:37761673-	PJ;exon=> In CDS Exon 3 of transcript AGAP003439-
		PS,AGAP003439-								37761587;2R:-	PF;exon=> In CDS Exon 3 of transcript AGAP003439-
		PQ,AGAP003439-								:37761673-	PS;exon=> In CDS Exon 3 of transcript AGAP003439-
		PO,AGAP003439-								37761587;2R:-	PQ;exon=> In CDS Exon 3 of transcript AGAP003439-
		PT,AGAP003439-								:37761673-	PO;exon=> In CDS Exon 3 of transcript AGAP003439-
		PM,AGAP003439-								37761587;2R:-	PT;exon=> In CDS Exon 3 of transcript AGAP003439-
		PD,AGAP003439-								:37761673-	PM;exon=> In CDS Exon 3 of transcript AGAP003439-
		PL,AGAP003439-								37761587;2R:-	PD;exon=> In CDS Exon 3 of transcript AGAP003439-
		PI,AGAP003439-								:37761673-	PL;exon=> In CDS Exon 3 of transcript AGAP003439-
		PA,AGAP003439-								37761587;2R:-	PI;exon=> In CDS Exon 3 of transcript AGAP003439-
		PH,AGAP003439-								:37761673-	PA;exon=> In CDS Exon 3 of transcript AGAP003439-
		PN,AGAP003439-								37761587;2R:-	PH;exon=> In CDS Exon 3 of transcript AGAP003439-
	EEPAAAAAVPVTTATISTATIPASPASQ	PC,AGAP003439-			0.007458					:37761673-	PN;exon=> In CDS Exon 3 of transcript AGAP003439-
JHU_Ag_116407	R	PE	-	31	45	2	2779.461	4.81	Head	37761587;2R:-	PC;exon=> In CDS Exon 3 of transcript AGAP003439-PE

JHU_Ag_23315	QDALPAFISTAEALQIK	AGAP003439-PR,AGAP003439-PE,AGAP003439-PK,AGAP003439-PG,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC	-	53	3.75E-05	2	1815.996	5.77	Ovary	37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-:37761877-37761827;2R:-	exon=> In CDS Exon 2 of transcript AGAP003439-PR;exon=> In CDS Exon 2 of transcript AGAP003439-PE;exon=> In CDS Exon 2 of transcript AGAP003439-PK;exon=> In CDS Exon 2 of transcript AGAP003439-PG;exon=> In CDS Exon 2 of transcript AGAP003439-PP;exon=> In CDS Exon 2 of transcript AGAP003439-PB;exon=> In CDS Exon 2 of transcript AGAP003439-PJ;exon=> In CDS Exon 2 of transcript AGAP003439-PF;exon=> In CDS Exon 2 of transcript AGAP003439-PS;exon=> In CDS Exon 2 of transcript AGAP003439-PQ;exon=> In CDS Exon 2 of transcript AGAP003439-PO;exon=> In CDS Exon 2 of transcript AGAP003439-PT;exon=> In CDS Exon 2 of transcript AGAP003439-PM;exon=> In CDS Exon 2 of transcript AGAP003439-PD;exon=> In CDS Exon 2 of transcript AGAP003439-PL;exon=> In CDS Exon 2 of transcript AGAP003439-PI;exon=> In CDS Exon 2 of transcript AGAP003439-PA;exon=> In CDS Exon 2 of transcript AGAP003439-PH;exon=> In CDS Exon 2 of transcript AGAP003439-PN;exon=> In CDS Exon 2 of transcript AGAP003439-PC
JHU_Ag_30651	GLQSHASKR	AGAP003439-PR,AGAP003439-PE,AGAP003439-PK,AGAP003439-PG,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC	-	54	3.21E-05	1	983.540	2.16	Ovary	37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-:37761436-37761410;2R:-	exon=> In CDS Exon 3 of transcript AGAP003439-PR;exon=> In CDS Exon 3 of transcript AGAP003439-PE;exon=> In CDS Exon 3 of transcript AGAP003439-PK;exon=> In CDS Exon 3 of transcript AGAP003439-PG;exon=> In CDS Exon 3 of transcript AGAP003439-PP;exon=> In CDS Exon 3 of transcript AGAP003439-PB;exon=> In CDS Exon 3 of transcript AGAP003439-PJ;exon=> In CDS Exon 3 of transcript AGAP003439-PF;exon=> In CDS Exon 3 of transcript AGAP003439-PS;exon=> In CDS Exon 3 of transcript AGAP003439-PQ;exon=> In CDS Exon 3 of transcript AGAP003439-PO;exon=> In CDS Exon 3 of transcript AGAP003439-PT;exon=> In CDS Exon 3 of transcript AGAP003439-PM;exon=> In CDS Exon 3 of transcript AGAP003439-PD;exon=> In CDS Exon 3 of transcript AGAP003439-PL;exon=> In CDS Exon 3 of transcript AGAP003439-PI;exon=> In CDS Exon 3 of transcript AGAP003439-PA;exon=> In CDS Exon 3 of transcript AGAP003439-PH;exon=> In CDS Exon 3 of transcript AGAP003439-PN;exon=> In CDS Exon 3 of transcript AGAP003439-PC

JHU_Ag_38574	LILSVCSPYFR	AGAP003439-PR,AGAP003439-PE,AGAP003439-PK,AGAP003439-PG,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC	C6(Carbamidomethyl)	34	0.004884109	1	1354.705	-10.38	Larva	37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-:37762275-37762243;2R:-	exon=> In CDS Exon 1 of transcript AGAP003439-PR;exon=> In CDS Exon 1 of transcript AGAP003439-PE;exon=> In CDS Exon 1 of transcript AGAP003439-PK;exon=> In CDS Exon 1 of transcript AGAP003439-PG;exon=> In CDS Exon 1 of transcript AGAP003439-PP;exon=> In CDS Exon 1 of transcript AGAP003439-PB;exon=> In CDS Exon 1 of transcript AGAP003439-PJ;exon=> In CDS Exon 1 of transcript AGAP003439-PF;exon=> In CDS Exon 1 of transcript AGAP003439-PS;exon=> In CDS Exon 1 of transcript AGAP003439-PQ;exon=> In CDS Exon 1 of transcript AGAP003439-PO;exon=> In CDS Exon 1 of transcript AGAP003439-PT;exon=> In CDS Exon 1 of transcript AGAP003439-PM;exon=> In CDS Exon 1 of transcript AGAP003439-PD;exon=> In CDS Exon 1 of transcript AGAP003439-PL;exon=> In CDS Exon 1 of transcript AGAP003439-PI;exon=> In CDS Exon 1 of transcript AGAP003439-PA;exon=> In CDS Exon 1 of transcript AGAP003439-PH;exon=> In CDS Exon 1 of transcript AGAP003439-PN;exon=> In CDS Exon 1 of transcript AGAP003439-PC
JHU_Ag_41620	AEPDYTDETAEIETVDAETEQEQK	AGAP003439-PR,AGAP003439-PE,AGAP003439-PK,AGAP003439-PG,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC	-	80	7.64E-08	2	2741.187	2.51	Ovary	37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-:37761247-37761176;2R:-	exon=> In CDS Exon 3 of transcript AGAP003439-PR;exon=> In CDS Exon 3 of transcript AGAP003439-PE;exon=> In CDS Exon 3 of transcript AGAP003439-PK;exon=> In CDS Exon 3 of transcript AGAP003439-PG;exon=> In CDS Exon 3 of transcript AGAP003439-PP;exon=> In CDS Exon 3 of transcript AGAP003439-PB;exon=> In CDS Exon 3 of transcript AGAP003439-PJ;exon=> In CDS Exon 3 of transcript AGAP003439-PF;exon=> In CDS Exon 3 of transcript AGAP003439-PS;exon=> In CDS Exon 3 of transcript AGAP003439-PQ;exon=> In CDS Exon 3 of transcript AGAP003439-PO;exon=> In CDS Exon 3 of transcript AGAP003439-PT;exon=> In CDS Exon 3 of transcript AGAP003439-PM;exon=> In CDS Exon 3 of transcript AGAP003439-PD;exon=> In CDS Exon 3 of transcript AGAP003439-PL;exon=> In CDS Exon 3 of transcript AGAP003439-PI;exon=> In CDS Exon 3 of transcript AGAP003439-PA;exon=> In CDS Exon 3 of transcript AGAP003439-PH;exon=> In CDS Exon 3 of transcript AGAP003439-PN;exon=> In CDS Exon 3 of transcript AGAP003439-PC

JHU_Ag_78398	QIPAQVIEPEYIELPIESINPK	AGAP003439-PR,AGAP003439-PE,AGAP003439-PK,AGAP003439-PG,AGAP003439-PP,AGAP003439-PB,AGAP003439-PJ,AGAP003439-PF,AGAP003439-PS,AGAP003439-PQ,AGAP003439-PO,AGAP003439-PT,AGAP003439-PM,AGAP003439-PD,AGAP003439-PL,AGAP003439-PI,AGAP003439-PA,AGAP003439-PH,AGAP003439-PN,AGAP003439-PC	-	48	8.33E-05	2	2520.367	2.99	Ovary	37761248;2R:-:37761313-37761248;2R:-:37761313-37761248;2R:-:37761313-

JHU_Ag_86040	NTDLHVFPDGK	AGAP003440-PA	-	51	7.60E-05	1	1242.629	13.85	Malpighian tubule	2R:+:37765060-37765067,37765143-37765167	exon=> In CDS Exon 2 and 3 of transcript AGAP003440-PA
JHU_Ag_95070	LWSAWVDGLLR	AGAP003440-PA	-	63	7.93E-06	2	1315.716	0.51	Head	2R:+:37764892-37764924	exon=> In CDS Exon 2 of transcript AGAP003440-PA
JHU_Ag_99218	YANEFNAIVAK	AGAP003440-PA	-	50	0.000144162	2	1239.637	-0.27	Male reproductive organs	2R:+:37765186-37765218	exon=> In CDS Exon 3 of transcript AGAP003440-PA
JHU_Ag_103831	YANEFNAIVAK	AGAP003440-PA	-	51	0.000106882	1	1239.641	3.47	Malpighian tubule	2R:+:37765186-37765218	exon=> In CDS Exon 3 of transcript AGAP003440-PA
JHU_Ag_111725	APTLVVHGAK	AGAP003440-PA	-	40	0.000283995	2	992.589	-0.12	Visceras	2R:+:37764979-37765008	exon=> In CDS Exon 2 of transcript AGAP003440-PA
JHU_Ag_3392	LQTILK	AGAP003449-PA	-	39	0.000542123	2	715.470	-1.51	Salivary gland	2R:-:37855142-37855125	exon=> In CDS Exon 10 of transcript AGAP003449-PA
JHU_Ag_11418	LQTILK	AGAP003449-PA	Q2(Deamidated)	30	0.001941056	1	716.455	-0.31	Malpighian tubule	2R:-:37855142-37855125	exon=> In CDS Exon 10 of transcript AGAP003449-PA
JHU_Ag_30165	LQTILK	AGAP003449-PA	Q2(Deamidated)	31	0.001300283	1	716.455	-0.65	Visceras	2R:-:37855142-37855125	exon=> In CDS Exon 10 of transcript AGAP003449-PA
JHU_Ag_40346	LQTILK	AGAP003449-PA	Q2(Deamidated)	38	0.000293115	1	716.454	-1.75	Pupa	2R:-:37855142-37855125	exon=> In CDS Exon 10 of transcript AGAP003449-PA
JHU_Ag_44574	LQTILK	AGAP003449-PA	Q2(Deamidated)	38	0.000264873	1	716.455	-1.07	Head	2R:-:37855142-37855125	exon=> In CDS Exon 10 of transcript AGAP003449-PA
JHU_Ag_80598	LQTILK	AGAP003449-PA	Q2(Deamidated)	38	0.000263656	1	716.455	-0.48	Midgut	2R:-:37855142-37855125	exon=> In CDS Exon 10 of transcript AGAP003449-PA
JHU_Ag_67032	RPSVDAVQHLIGTVIDQR	AGAP003453-PA	-	39	0.000614743	1	2004.105	3.14	Head	2R:+:37879090-37879143	exon=> In CDS Exon 1 of transcript AGAP003453-PA
JHU_Ag_44784	LVANFLINELLTMLNR	AGAP003454-PA	N4(Deamidated), N8(Deamidated), N15(Deamidated)	36	0.001929679	1	1877.020	5.77	Ovary	2R:+:37885915-37885962	exon=> In CDS Exon 3 of transcript AGAP003454-PA
JHU_Ag_11128	QLLIEQRDGLQR	AGAP003457-PA	Q6(Deamidated), Q11(Deamidated),"Q1(Deamidated), Q11(Deamidated)"	36	0.002372148	1	1470.793	1.43	Visceras	2R:-:37891647-37891612	exon=> In CDS Exon 3 of transcript AGAP003457-PA
JHU_Ag_24609	QLLIEQRDGLQR	AGAP003457-PA	Q6(Deamidated), Q11(Deamidated),"Q1(Deamidated), Q11(Deamidated)"	35	0.002817235	1	1470.792	0.44	Male reproductive organs	2R:-:37891647-37891612	exon=> In CDS Exon 3 of transcript AGAP003457-PA
JHU_Ag_41324	LAALERK	AGAP003457-PA	-	38	0.001573156	1	800.489	-12.76	Salivary gland	2R:-:37892703-37892683	exon=> In CDS Exon 3 of transcript AGAP003457-PA
JHU_Ag_43719	LNQLLQAETER	AGAP003457-PA	-	58	2.15E-05	1	1314.701	-0.31	Salivary gland	2R:-:37891839-37891807	exon=> In CDS Exon 3 of transcript AGAP003457-PA
JHU_Ag_90839	ATESETALQQLQAR	AGAP003457-PA	-	84	8.17E-08	2	1545.787	-0.16	Salivary gland	2R:-:37893435-37893394	exon=> In CDS Exon 3 of transcript AGAP003457-PA
JHU_Ag_113980	LTDQIQFLR	AGAP003457-PA	-	64	3.65E-06	2	1133.637	4.97	Salivary gland	2R:-:37891746-37891720	exon=> In CDS Exon 3 of transcript AGAP003457-PA
JHU_Ag_7335	KFEITDPPEALHYFYFLR	AGAP003459-PA	-	118	2.03E-11	1	2286.164	2.09	Ovary	2R:-:37938542-37938489	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_10352	MFDLASQQEQALR	AGAP003459-PA	-	64	6.51E-06	2	1536.748	0.49	Ovary	2R:-:37938263-37938225	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_15781	KGPEQTILNETTFGGR	AGAP003459-PA	-	101	1.17E-09	2	1747.907	5.36	Malpighian tubule	2R:-:37939755-37939708	exon=> In CDS Exon 3 of transcript AGAP003459-PA
JHU_Ag_19084	KGPEQTILNETTFGGR	AGAP003459-PA	-	47	0.000345725	2	1747.902	2.77	Head	2R:-:37939755-37939708	exon=> In CDS Exon 3 of transcript AGAP003459-PA
JHU_Ag_26452	VIPDLLLATMDIAYTK	AGAP003459-PA	-	72	2.83E-07	1	1776.990	4.5	Ovary	2R:-:37937915-37937868	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_30674	TFEPLDPIATTDVQNFLR	AGAP003459-PA	-	96	3.08E-09	1	2077.066	2.69	Ovary	2R:-:37940041-37939988	exon=> In CDS Exon 2 of transcript AGAP003459-PA

JHU_Ag_33870	MSDLDVAVNNFKR	AGAP003459-PA	-	46	0.000441643	1	1508.756	2.14	Ovary	2R:-:37937975-37937937	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_35528	LELQIR	AGAP003459-PA	-	43	0.0002995	2	771.471	-1.13	Malpighian tubule	2R:-:37939046-37939029	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_39299	LIQTEILMH	AGAP003459-PA	M8(Oxidation)	42	0.000559515	2	1113.597	0.14	Salivary gland	2R:-:37937620-37937594	exon=> In CDS Exon 5 of transcript AGAP003459-PA
JHU_Ag_41981	KTFEPLDPIATTDVQNFLR	AGAP003459-PA	-	94	3.87E-09	1	2205.156	0.23	Ovary	2R:-:37940044-37939988	exon=> In CDS Exon 2 of transcript AGAP003459-PA
JHU_Ag_42705	KFEITDPPEALHYFYFLR	AGAP003459-PA	-	91	9.40E-09	1	2286.166	2.73	Salivary gland	2R:-:37938542-37938489	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_44665	SSLNSQEMAYAR	AGAP003459-PA	M8(Oxidation)	63	5.04E-06	2	1356.622	0.25	Ovary	2R:-:37939707-37939672	exon=> In CDS Exon 3 of transcript AGAP003459-PA
JHU_Ag_47116	GPEQTILNETTFGGR	AGAP003459-PA	-	72	1.25E-06	2	1619.805	1.33	Head	2R:-:37939752-37939708	exon=> In CDS Exon 3 of transcript AGAP003459-PA
JHU_Ag_47791	AVYCIVGCCDIQEPHADIAK	AGAP003459-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C9(Carbamidomethyl)	50	0.000105681	1	2319.061	1.82	Ovary	2R:-:37938980-37938921	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_50714	ENAILAVIEEVHK	AGAP003459-PA	-	46	0.000147313	2	1464.809	2.4	Head	2R:-:37939978-37939940	exon=> In CDS Exon 2 of transcript AGAP003459-PA
JHU_Ag_55236	LELQIR	AGAP003459-PA	-	41	0.000482388	2	771.471	-1.44	Salivary gland	2R:-:37939046-37939029	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_55258	ALTNMAAMVPYR	AGAP003459-PA	M5(Oxidation), M8(Oxidation)	47	0.000276423	2	1369.662	1.15	Salivary gland	2R:-:37937680-37937645	exon=> In CDS Exon 5 of transcript AGAP003459-PA
JHU_Ag_61208	MSDLDVAVNNFKR	AGAP003459-PA	M1(Oxidation)	68	2.45E-06	1	1508.765	8.05	Malpighian tubule	2R:-:37937975-37937937	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_62178	FAQVAESFNDSR	AGAP003459-PA	-	72	7.79E-07	2	1370.635	0.9	Head	2R:-:37939608-37939872,37937811-37939497	exon=> In CDS Exon 4 and 3 of transcript AGAP003459-PA
JHU_Ag_67603	YTSILLSQVVHHANK	AGAP003459-PA	-	49	8.72E-05	2	1709.935	0.8	Salivary gland	2R:-:37938224-37938180	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_70405	LELQIR	AGAP003459-PA	-	36	0.001888331	2	771.474	2.04	Ovary	2R:-:37939046-37939029	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_70596	NEKENAILAVIEEVHK	AGAP003459-PA	-	69	1.01E-06	1	1835.991	2.69	Salivary gland	2R:-:37939987-37939940	exon=> In CDS Exon 2 of transcript AGAP003459-PA
JHU_Ag_72022	IFMQTVISEHLR	AGAP003459-PA	-	35	0.004555897	1	1473.791	1.75	Ovary	2R:-:37939358-37939323	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_73630	FAQVAESFNDSR	AGAP003459-PA	-	80	1.24E-07	2	1370.634	0.28	Salivary gland	2R:-:37939608-37939872,37937811-37939497	exon=> In CDS Exon 4 and 3 of transcript AGAP003459-PA
JHU_Ag_78509	FAQVAESFNDSR	AGAP003459-PA	-	40	0.001092351	1	1370.632	-1.24	Ovary	2R:-:37939608-37939872,37937811-37939497	exon=> In CDS Exon 4 and 3 of transcript AGAP003459-PA
JHU_Ag_83242	TLPQVLQATQELHSR	AGAP003459-PA	-	79	1.04E-07	2	1720.935	0.57	Ovary	2R:-:37940257-37940213	exon=> In CDS Exon 1 of transcript AGAP003459-PA
JHU_Ag_84748	KFEITDPPEALHYFYFLR	AGAP003459-PA	-	51	9.79E-05	3	2286.177	7.54	Malpighian tubule	2R:-:37938542-37938489	exon=> In CDS Exon 4 of transcript AGAP003459-PA
JHU_Ag_91024	VTQTGAQDMQAHILLGSNGIDLPK	AGAP003459-PA	-	70	8.92E-07	1	2507.304	4.56	Ovary	2R:-:37940212-37940341,37939937-37940078	exon=> In CDS Exon 2 and 1 of transcript AGAP003459-PA
JHU_Ag_93955	ENAILAVIEEVHK	AGAP003459-PA	-	76	1.57E-07	2	1464.811	3.73	Ovary	2R:-:37939978-37939940	exon=> In CDS Exon 2 of transcript AGAP003459-PA
JHU_Ag_95850	TLPQVLQATQELHSR	AGAP003459-PA	-	70	6.79E-07	2	1720.945	6.25	Malpighian tubule	2R:-:37940257-37940213	exon=> In CDS Exon 1 of transcript AGAP003459-PA
JHU_Ag_99501	KGPEQTILNETTFGGR	AGAP003459-PA	-	96	3.40E-09	1	1747.921	13.25	Ovary	2R:-:37939755-37939708	exon=> In CDS Exon 3 of transcript AGAP003459-PA

JHU_Ag_64750	IQFLCDTDNPPLFGAK	AGAP003460-PA	C5(Carbamidomethyl)	67	3.33E-06	2	1835.908	4.7	Ovary	2R:+:37941530-37941577	exon=> In CDS Exon 1 of transcript AGAP003460-PA
JHU_Ag_3928	VAISEPLVDVVDPK	AGAP003462-PA	-	38	0.000535835	2	1480.831	3.81	Malpighian tubule	2R:+:37964207-37964248	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_4197	KGEEIQGTFK	AGAP003462-PA	-	54	5.97E-05	2	1136.595	0.52	Malpighian tubule	2R:+:37964498-37964527	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_6964	LAFSTAPDAPYTHWK	AGAP003462-PA	-	67	3.98E-06	1	1704.843	2.98	Malpighian tubule	2R:+:37964414-37964458	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_8544	KEDLEFESPFYLTVR	AGAP003462-PA	-	79	1.87E-07	1	1872.944	3.21	Ovary	2R:+:37964303-37964347	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_24172	IIEANNLQETITLVK	AGAP003462-PA	-	125	9.85E-13	1	1698.966	1.49	Midgut	2R:+:37963895-37963939	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_24669	CTLFVTAIEDR	AGAP003462-PA	C1(Carbamidomethyl)	64	6.37E-06	1	1324.655	-0.98	Salivary gland	2R:+:37964105-37964137	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_27992	CTLFVTAIEDR	AGAP003462-PA	C1(Carbamidomethyl)	85	5.01E-08	1	1324.657	0.31	Ovary	2R:+:37964105-37964137	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_29422	KEDLEFESPFYLTVR	AGAP003462-PA	-	77	2.73E-07	1	1872.933	-2.66	Malpighian tubule	2R:+:37964303-37964347	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_33401	KEDLEFESPFYLTVR	AGAP003462-PA	-	73	6.74E-07	1	1872.948	5.35	Salivary gland	2R:+:37964303-37964347	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_34568	LAFSTAPDAPYTHWK	AGAP003462-PA	-	77	3.42E-07	1	1704.845	4.06	Ovary	2R:+:37964414-37964458	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_35740	LAFSTAPDAPYTHWK	AGAP003462-PA	-	68	3.23E-06	1	1704.840	1.06	Male reproductive organs	2R:+:37964414-37964458	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_39178	RNDFVQALVTYFNVEFTK	AGAP003462-PA	-	99	1.59E-09	1	2191.118	-0.22	Ovary	2R:+:37964348-37964401	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_42106	KVAISEPLVDVVDPK	AGAP003462-PA	-	63	1.53E-06	1	1608.920	-0.56	Ovary	2R:+:37964204-37964248	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_42279	KEDLEFESPFYLTVR	AGAP003462-PA	-	51	0.000112293	1	1872.941	1.44	Male reproductive organs	2R:+:37964303-37964347	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_42367	IIEANNLQETITLVK	AGAP003462-PA	-	133	1.57E-13	1	1698.967	1.71	Ovary	2R:+:37963895-37963939	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_42842	VIAIECSNIIDYAQK	AGAP003462-PA	C6(Carbamidomethyl)	94	5.02E-09	1	1736.896	4.3	Ovary	2R:+:37963850-37963894	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_44627	VIAIECSNIIDYAQK	AGAP003462-PA	C6(Carbamidomethyl)	81	1.04E-07	2	1736.891	1.28	Male reproductive organs	2R:+:37963850-37963894	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_52248	IIEANNLQETITLVK	AGAP003462-PA	-	105	1.10E-10	1	1698.966	1.35	Salivary gland	2R:+:37963895-37963939	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_52937	KGEEIQGTFK	AGAP003462-PA	-	47	0.000324934	1	1136.591	-3.24	Head	2R:+:37964498-37964527	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_53017	EDLEFESPFYLTVR	AGAP003462-PA	-	85	4.94E-08	1	1744.842	-0.61	Ovary	2R:+:37964306-37964347	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_54317	IIEANNLQETITLVK	AGAP003462-PA	-	84	1.52E-08	2	1698.963	-0.52	Male reproductive organs	2R:+:37963895-37963939	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_55511	LAFSTAPDAPYTHWK	AGAP003462-PA	-	50	0.000170214	1	1704.839	0.62	Salivary gland	2R:+:37964414-37964458	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_67312	VAISEPLVDVVDPK	AGAP003462-PA	-	72	2.23E-07	1	1480.831	3.73	Ovary	2R:+:37964207-37964248	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_72837	VVLDIGCGTGILSMFAAK	AGAP003462-PA	C7(Carbamidomethyl), M14(Oxidation)	93	6.13E-09	1	1867.969	1.71	Ovary	2R:+:37963781-37963834	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_75251	KGEEIQGTFK	AGAP003462-PA	-	73	7.54E-07	2	1136.594	-0.45	Ovary	2R:+:37964498-37964527	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_75493	NDFVQALVTYFNVEFTK	AGAP003462-PA	-	111	1.09E-10	1	2035.019	1.05	Ovary	2R:+:37964351-37964401	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_77483	IIEANNLQETITLVK	AGAP003462-PA	-	94	1.34E-09	2	1698.966	1.35	Malpighian tubule	2R:+:37963895-37963939	exon=> In CDS Exon 2 of transcript AGAP003462-PA

JHU_Ag_83758	VAISEPLVDVVDPK	AGAP003462-PA	-	75	1.29E-07	1	1480.829	2.33	Head	2R:+:37964207-37964248	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_93142	VAISEPLVDVVDPK	AGAP003462-PA	-	33	0.001959755	1	1480.832	3.9	Salivary gland	2R:+:37964207-37964248	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_100581	KEDLEFESPFYLTVR	AGAP003462-PA	-	83	7.75E-08	1	1872.939	0.56	Midgut	2R:+:37964303-37964347	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_108060	QVVTSSYMVK	AGAP003462-PA	M8(Oxidation)	42	0.000771392	1	1157.586	-0.56	Ovary	2R:+:37964249-37964278	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_108823	KEDLEFESPFYLTVR	AGAP003462-PA	-	63	7.78E-06	2	1872.945	3.67	Head	2R:+:37964303-37964347	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_111627	GELSQVDEK	AGAP003462-PA	-	62	9.41E-06	1	1004.489	-0.35	Ovary	2R:+:37964588-37964614	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_112840	IIEANNLQETITLVK	AGAP003462-PA	-	43	0.000126871	2	1698.972	5.08	Larva	2R:+:37963895-37963939	exon=> In CDS Exon 2 of transcript AGAP003462-PA
JHU_Ag_15994	YTVTLGGTTVSIK	AGAP003463-PA	-	49	7.54E-05	2	1339.747	0.24	Midgut	2R:-:37965862-37966453,37965504-37965747	exon=> In CDS Exon 2 and 1 of transcript AGAP003463-PA
JHU_Ag_53125	DSSLGHIAIAYLLYK	AGAP003463-PA	-	49	0.00010311	1	1663.905	-0.48	Midgut	2R:-:37965925-37965881	exon=> In CDS Exon 1 of transcript AGAP003463-PA
JHU_Ag_77489	DPPNEQQQESVDPLADPATPEK	AGAP003463-PA	-	72	8.87E-07	2	2405.120	3.95	Head	2R:-:37966174-37966109	exon=> In CDS Exon 1 of transcript AGAP003463-PA
JHU_Ag_14876	VAFVMAAVLAAQK	AGAP003465-PA	M5(Oxidation)	35	0.001614247	2	1334.753	1.93	Salivary gland	2R:+:38018047-38018085	exon=> In CDS Exon 3 of transcript AGAP003465-PA
JHU_Ag_28367	FLGGGGGSPLNLLSK	AGAP003465-PA	-	87	1.76E-08	2	1416.789	2.74	Larva	2R:+:38018086-38018130	exon=> In CDS Exon 3 of transcript AGAP003465-PA
JHU_Ag_98858	FLGGGGGSPLNLLSK	AGAP003465-PA	-	75	3.06E-07	2	1416.786	1.01	Salivary gland	2R:+:38018086-38018130	exon=> In CDS Exon 3 of transcript AGAP003465-PA
JHU_Ag_106673	FLGGGGGSPLNLLSK	AGAP003465-PA	-	76	2.31E-07	2	1416.787	1.53	Pupa	2R:+:38018086-38018130	exon=> In CDS Exon 3 of transcript AGAP003465-PA
JHU_Ag_27027	MAVVLPILLAIVK	AGAP003466-PA	M1(Oxidation)	22	0.001016462	2	1395.906	3.38	Pupa	2R:+:38027293-38027331	exon=> In CDS Exon 2 of transcript AGAP003466-PA
JHU_Ag_48803	MLLPLLLAMK	AGAP003466-PA	M1(Oxidation), M9(Oxidation)	35	0.001216367	2	1174.696	1.47	Pupa	2R:+:38027257-38027286	exon=> In CDS Exon 2 of transcript AGAP003466-PA
JHU_Ag_103273	FSIFTVLK	AGAP003466-PA	-	30	0.002852633	2	954.567	1.52	Pupa	2R:+:38027377-38027383,38027460-38027476	exon=> In CDS Exon 2 and 3 of transcript AGAP003466-PA
JHU_Ag_106336	VTTAYITSAQPVNAEIVHQDWNR	AGAP003466-PA	-	106	3.15E-10	2	2613.310	1.69	Pupa	2R:+:38027504-38027572	exon=> In CDS Exon 3 of transcript AGAP003466-PA
JHU_Ag_258	FPLLVLPAPTER	AGAP003475-PA	-	62	1.59E-06	1	1352.796	1.37	Head	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_371	FPLLVLPAPTER	AGAP003475-PA	-	62	1.50E-06	1	1352.795	0.92	Malpighian tubule	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_2042	IVFLEYRPPKPAR	AGAP003475-PA	-	49	2.59E-05	1	1585.923	0.94	Pupa	2R:-:38176933-38176895	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_2181	DYPLFQAVNR	AGAP003475-PA	-	61	1.26E-05	2	1222.621	-0.33	Midgut	2R:-:38176996-38176967	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_3697	TVVLVGK	AGAP003475-PA	-	31	0.004132264	1	715.472	1.29	Head	2R:-:38176891-38176871	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_3821	CDTLCVIDDANLHPVLAR	AGAP003475-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	99	2.13E-09	1	2082.016	2.73	Head	2R:-:38177596-38177543	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_4956	TFDAGICSEVSCFR	AGAP003475-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	78	7.98E-08	1	1648.710	0.1	Midgut	2R:-:38177524-38177483	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_5005	AANHGPELQR	AGAP003475-PA	-	66	4.39E-06	1	1092.557	1.91	Ovary	2R:-:38176456-38176427	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_5486	AGEVVGDPFEISVLR	AGAP003475-PA	-	121	1.07E-11	1	1587.842	2.78	Visceras	2R:-:38176426-38176382	exon=> In CDS Exon 2 of transcript AGAP003475-PA

JHU_Ag_6465	DKCGAAAVAGFMK	AGAP003475-PA	C3(Carbamidomethyl)	61	1.20E-05	1	1325.633	-0.6	Midgut	2R:-:38176804-38176766	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_7379	YSHLDIAGSAGDVPDTPTGSPILALAQAHLQ	AGAP003475-PA	-	86	2.79E-08	1	3115.571	0.34	Midgut	2R:-:38176136-38176044	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_7654	IVFLEYRPPKPARK	AGAP003475-PA	-	35	0.000348095	1	1714.017	0.45	Malpighian tubule	2R:-:38176933-38176892	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_7813	VVYSPVGELSDFDDVRR	AGAP003475-PA	-	75	5.17E-07	1	1952.974	1.33	Ovary	2R:-:38177455-38177405	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_7830	VVYSPVGELSDFDDVR	AGAP003475-PA	-	96	3.91E-09	2	1796.875	2.7	Salivary gland	2R:-:38177455-38177408	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_7920	TVVLVGK	AGAP003475-PA	-	38	0.000831951	2	715.471	0.01	Malpighian tubule	2R:-:38176891-38176871	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_8941	IVFLEYRPPKPAR	AGAP003475-PA	-	43	0.000123802	1	1585.920	-0.74	Salivary gland	2R:-:38176933-38176895	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_10067	MAMADALCQMK	AGAP003475-PA	M1(Oxidation), M3(Oxidation), C8(Carbamidomethyl), M10(Oxidation)	55	6.35E-06	1	1317.529	-1.38	Ovary	2R:-:38176609-38176577	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_10442	VTVVDDPR	AGAP003475-PA	-	44	0.000374973	2	900.480	1.35	Malpighian tubule	2R:-:38177032-38177009	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_11271	YSHLDIAGSAGDVPDTPTGSPILALAQAHLQ	AGAP003475-PA	-	150	1.08E-14	1	3115.581	3.51	Head	2R:-:38176136-38176044	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_11421	DYPLFQAVNR	AGAP003475-PA	-	73	7.38E-07	1	1222.624	1.87	Ovary	2R:-:38176996-38176967	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_12647	AANHGPELQR	AGAP003475-PA	-	34	0.006291155	1	1092.550	-3.84	Head	2R:-:38176456-38176427	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_13021	VVYSPVGELSDFDDVRR	AGAP003475-PA	-	70	1.33E-06	1	1952.978	3.46	Malpighian tubule	2R:-:38177455-38177405	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_13411	IVFLEYRPPKPAR	AGAP003475-PA	-	73	1.03E-07	1	1585.924	1.33	Head	2R:-:38176933-38176895	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_14231	GVEGYLPCEIDPVDNLEVALNR	AGAP003475-PA	C8(Carbamidomethyl)	39	0.001781836	1	2472.220	5.03	Midgut	2R:-:38183155-38183158,38176286-38177606	exon=> In CDS Exon 2 and 1 of transcript AGAP003475-PA
JHU_Ag_16737	GVEGYLPCEIDPVDNLEVALNR	AGAP003475-PA	C8(Carbamidomethyl)	141	1.21E-13	1	2472.209	0.37	Ovary	2R:-:38183155-38183158,38176286-38177606	exon=> In CDS Exon 2 and 1 of transcript AGAP003475-PA
JHU_Ag_17481	IGLLHPDGAQR	AGAP003475-PA	-	56	2.63E-05	1	1176.650	0.93	Ovary	2R:-:38177209-38177177	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_20187	IGLLHPDGAQR	AGAP003475-PA	-	53	4.89E-05	1	1176.648	-0.27	Head	2R:-:38177209-38177177	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_21311	GHQGPAAFLMLATGLDK	AGAP003475-PA	M10(Oxidation)	49	0.000181908	3	1742.891	0.66	Midgut	2R:-:38176294-38177660,38176041-38176167	exon=> In CDS Exon 3 and 2 of transcript AGAP003475-PA
JHU_Ag_21597	CTVGSEPVR	AGAP003475-PA	C1(Carbamidomethyl)	47	0.000266872	2	1004.483	-0.29	Malpighian tubule	2R:-:38177482-38177456	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_24024	AGEVVGDPFEISVLR	AGAP003475-PA	-	111	1.11E-10	1	1587.844	4.01	Malpighian tubule	2R:-:38176426-38176382	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_24442	VTVVDDPR	AGAP003475-PA	-	49	0.000134276	2	900.479	0.26	Pupa	2R:-:38177032-38177009	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_25866	FPLLVLPAPTER	AGAP003475-PA	-	60	2.19E-06	1	1352.795	1.19	Ovary	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_28376	AGEVVGDPFEISVLRR	AGAP003475-PA	-	50	7.93E-05	1	1743.944	2.85	Ovary	2R:-:38176426-38176379	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_35260	CDTLCVIDDANLHPVLAR	AGAP003475-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	93	8.13E-09	1	2082.012	0.44	Visceras	2R:-:38177596-38177543	exon=> In CDS Exon 2 of transcript AGAP003475-PA

JHU_Ag_36214	CTVGSEPVR	AGAP003475-PA	C1(Carbamidomethyl)	39	0.001836027	2	1004.484	0.86	Ovary	2R:-:38177482-38177456	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_36587	EDFDFHR	AGAP003475-PA	-	37	0.001211415	1	965.410	-1.36	Malpighian tubule	2R:-:38176378-38176358	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_36905	AANHGPELQR	AGAP003475-PA	-	50	0.000164712	1	1092.554	-0.48	Midgut	2R:-:38176456-38176427	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_37154	CGLSSTHPIK	AGAP003475-PA	C1(Carbamidomethyl)	62	6.28E-06	1	1099.557	0.8	Ovary	2R:-:38176166-38176137	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_41323	VFERDYPLFQAVNR	AGAP003475-PA	-	52	8.91E-05	1	1753.905	1.56	Ovary	2R:-:38177008-38176967	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_41381	VAEYVLQAFAGGPVK	AGAP003475-PA	-	56	2.15E-05	2	1548.839	-2.23	Midgut	2R:-:38177077-38177033	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_41852	AGEVVGDPFEISVLR	AGAP003475-PA	-	81	1.09E-07	1	1587.845	4.78	Pupa	2R:-:38176426-38176382	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_42694	DIGGGDPER	AGAP003475-PA	-	36	0.001273537	1	915.418	1.51	Malpighian tubule	2R:-:38177119-38177093	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_43635	CYGEDVLQANNLPSSR	AGAP003475-PA	C1(Carbamidomethyl)	86	3.57E-08	2	1822.848	4.96	Head	2R:-:38176351-38176304	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_43845	FPLLVLPAPTER	AGAP003475-PA	-	64	8.80E-07	1	1352.794	0.38	Midgut	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_44861	DYPLFQAVNR	AGAP003475-PA	-	73	7.19E-07	1	1222.621	-0.23	Malpighian tubule	2R:-:38176996-38176967	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_45255	KTVVLVGK	AGAP003475-PA	-	44	1.29E-05	2	843.567	1.24	Malpighian tubule	2R:-:38176894-38176871	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_45966	CYGEDVLQANNLPSSR	AGAP003475-PA	C1(Carbamidomethyl)	122	7.03E-12	1	1822.841	1.34	Ovary	2R:-:38176351-38176304	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_46362	VGNTDAEGR	AGAP003475-PA	-	59	1.75E-05	1	918.429	1.46	Ovary	2R:-:38176636-38176610	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_47649	IGLLHPDGAQR	AGAP003475-PA	-	40	0.000868258	1	1176.648	-0.39	Pupa	2R:-:38177209-38177177	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_47751	GVTYDTGGADIK	AGAP003475-PA	-	91	8.54E-09	1	1196.580	0.39	Malpighian tubule	2R:-:38176870-38176835	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_48688	TFDAGICSEVSCFR	AGAP003475-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	115	2.02E-11	1	1648.711	1.21	Malpighian tubule	2R:-:38177524-38177483	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_49064	REDFDFHR	AGAP003475-PA	-	55	3.97E-05	1	1121.512	0.03	Malpighian tubule	2R:-:38176381-38176358	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_53376	QVQSLEAGR	AGAP003475-PA	-	52	8.83E-05	2	987.521	-0.49	Midgut	2R:-:38177158-38177132	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_53493	YSHLDIAGSAGDVPDTPTGSPILALAQAHLQ	AGAP003475-PA	-	153	5.83E-15	1	3115.565	-1.54	Ovary	2R:-:38176136-38176044	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_53937	CDTLCVIDDANLHPVLAR	AGAP003475-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	119	2.42E-11	1	2082.015	2.11	Malpighian tubule	2R:-:38177596-38177543	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_54008	GKCYGEDVLQANNLPSSR	AGAP003475-PA	C3(Carbamidomethyl)	109	2.27E-10	2	2007.956	0.38	Malpighian tubule	2R:-:38176357-38176304	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_54037	TFDAGICSEVSCFR	AGAP003475-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	39	0.000855421	2	1648.716	3.8	Visceras	2R:-:38177524-38177483	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_54601	FSAAPLVALLGALHELYVPLQLR	AGAP003475-PA	-	142	6.17E-15	1	2491.445	0.49	Ovary	2R:-:38177314-38177246	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_55196	QVQSLEAGR	AGAP003475-PA	-	61	1.36E-05	2	987.521	-0.49	Ovary	2R:-:38177158-38177132	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_55377	VVYSPVGELSDFDDVR	AGAP003475-PA	-	121	1.27E-11	1	1796.877	3.58	Head	2R:-:38177455-38177408	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_57213	VRVGNTDAEGR	AGAP003475-PA	-	51	0.000138905	2	1173.596	-0.66	Malpighian tubule	2R:-:38176642-38176610	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_57312	IGLLHPDGAQR	AGAP003475-PA	-	62	5.69E-06	1	1176.649	0.14	Malpighian tubule	2R:-:38177209-38177177	exon=> In CDS Exon 2 of transcript AGAP003475-PA

JHU_Ag_58538	GHQGPAAFLMLATGLDK	AGAP003475-PA	M10(Oxidation)	78	2.20E-07	1	1742.892	1.71	Ovary	2R:-:38176294-38177660,38176041-38176167	exon=> In CDS Exon 3 and 2 of transcript AGAP003475-PA
JHU_Ag_58722	IVFLEYRPPKPAR	AGAP003475-PA	-	67	4.20E-07	1	1585.923	0.87	Ovary	2R:-:38176933-38176895	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_58918	CYGEDVLQANNLPSSR	AGAP003475-PA	C1(Carbamidomethyl)	154	4.71E-15	1	1822.842	1.55	Malpighian tubule	2R:-:38176351-38176304	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_59845	FPLLVLPAPTER	AGAP003475-PA	-	63	1.04E-06	1	1352.793	-0.43	Male reproductive organs	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_61307	VVYSPVGELSDFDDVR	AGAP003475-PA	-	130	1.42E-12	1	1796.872	0.93	Ovary	2R:-:38177455-38177408	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_62051	FPLLVLPAPTER	AGAP003475-PA	-	40	0.000218493	1	1352.800	4.71	Larva	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_65868	VVYSPVGELSDFDDVRR	AGAP003475-PA	-	56	3.66E-05	1	1952.979	3.71	Head	2R:-:38177455-38177405	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_65940	FPLLVLPAPTER	AGAP003475-PA	-	57	4.96E-06	2	1352.795	0.65	Visceras	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_66210	VFERDYPLFQAVNR	AGAP003475-PA	-	67	2.29E-06	1	1753.913	6.29	Malpighian tubule	2R:-:38177008-38176967	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_66762	TVVLVGK	AGAP003475-PA	-	34	0.002075381	1	715.470	-1.25	Midgut	2R:-:38176891-38176871	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_66819	AGEVVGDPFEISVLR	AGAP003475-PA	-	132	9.93E-13	1	1587.836	-0.83	Ovary	2R:-:38176426-38176382	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_67925	AGEVVGDPFEISVLR	AGAP003475-PA	-	93	7.49E-09	1	1587.837	-0.37	Midgut	2R:-:38176426-38176382	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_69339	IVFLEYRPPKPAR	AGAP003475-PA	-	56	6.75E-06	1	1585.919	-1.67	Male reproductive organs	2R:-:38176933-38176895	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_70945	YSHLDIAGSAGDVPDTPTGSPILALAQAHLQ	AGAP003475-PA	-	159	1.48E-15	1	3115.571	0.34	Malpighian tubule	2R:-:38176136-38176044	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_73114	REDFDFHR	AGAP003475-PA	-	38	0.001828481	1	1121.510	-2.03	Head	2R:-:38176381-38176358	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_73769	IVFLEYRPPKPAR	AGAP003475-PA	-	43	0.000109701	1	1585.919	-1.52	Midgut	2R:-:38176933-38176895	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_74395	CYGEDVLQANNLPSSR	AGAP003475-PA	C1(Carbamidomethyl)	82	7.74E-08	2	1822.842	1.48	Visceras	2R:-:38176351-38176304	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_75132	CGLSSTHPIK	AGAP003475-PA	C1(Carbamidomethyl)	51	8.82E-05	1	1099.558	1.13	Malpighian tubule	2R:-:38176166-38176137	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_76930	AGGVMAGMSR	AGAP003475-PA	M8(Oxidation)	38	0.001638445	2	952.433	-1.25	Malpighian tubule	2R:-:38176834-38176805	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_78579	YSHLDIAGSAGDVPDTPTGSPILALAQAHLQ	AGAP003475-PA	-	59	1.28E-05	1	3115.567	-0.72	Visceras	2R:-:38176136-38176044	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_79946	NSVGEECYVSDEMVTSR	AGAP003475-PA	C7(Carbamidomethyl),M13(Oxidation),C7(Carbamidomethyl)	146	1.14E-14	1	1977.821	2.31	Malpighian tubule	2R:-:38176705-38176655	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_81564	FSAAPLVALLGALHELYVPLQLR	AGAP003475-PA	-	123	5.36E-13	1	2491.448	1.66	Malpighian tubule	2R:-:38177314-38177246	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_82746	IGLLHPDGAQR	AGAP003475-PA	-	65	3.13E-06	1	1176.648	-0.48	Midgut	2R:-:38177209-38177177	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_85298	VTVVDDPR	AGAP003475-PA	-	50	0.000109648	2	900.478	-0.14	Midgut	2R:-:38177032-38177009	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_85632	CDTLCVIDDANLHPVLAR	AGAP003475-PA	C1(Carbamidomethyl),C5(Carbamidomethyl)	119	2.18E-11	1	2082.016	2.36	Midgut	2R:-:38177596-38177543	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_85648	GHQGPAAFLMLATGLDK	AGAP003475-PA	M10(Oxidation)	88	2.01E-08	1	1726.898	1.68	Malpighian tubule	2R:-:38176294-38177660,38176041-38176167	exon=> In CDS Exon 3 and 2 of transcript AGAP003475-PA

JHU_Ag_85844	KTVVLVGK	AGAP003475-PA	-	35	0.000100028	2	843.566	-0.21	Ovary	2R:-:38176894-38176871	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_86133	FSAAPLVALLGALHELYVPLQLR	AGAP003475-PA	-	114	4.32E-12	1	2491.446	0.78	Midgut	2R:-:38177314-38177246	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_86708	CYGEDVLQANNLPSSR	AGAP003475-PA	C1(Carbamidomethyl)	103	6.32E-10	2	1822.837	-0.87	Midgut	2R:-:38176351-38176304	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_87606	AGEVVGDPFEISVLR	AGAP003475-PA	-	124	5.01E-12	1	1587.846	4.86	Head	2R:-:38176426-38176382	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_87697	YAEAAGQAMR	AGAP003475-PA	M9(Oxidation)	68	1.66E-06	2	1083.488	-0.57	Ovary	2R:-:38177404-38177375	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_89953	GVTYDTGGADIK	AGAP003475-PA	-	60	1.12E-05	2	1196.579	-0.42	Pupa	2R:-:38176870-38176835	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_90452	GVEGYLPCEIDPVDNLEVALNR	AGAP003475-PA	C8(Carbamidomethyl)	107	2.87E-10	1	2472.209	0.56	Malpighian tubule	2R:-:38183155-38183158,38176286-38177606	exon=> In CDS Exon 2 and 1 of transcript AGAP003475-PA
JHU_Ag_91031	IGLLHPDGAQRGQDLLR	AGAP003475-PA	-	61	4.22E-06	1	1859.035	5.64	Malpighian tubule	2R:-:38177209-38177159	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_91065	DKCGAAAVAGFMK	AGAP003475-PA	C3(Carbamidomethyl), M12(Oxidation)	54	3.82E-05	1	1341.629	-0.08	Malpighian tubule	2R:-:38176804-38176766	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_91894	QPQDVHAIGVLCMVR	AGAP003475-PA	C12(Carbamidomethyl), M13(Oxidation)	59	1.85E-05	1	1738.874	0.51	Malpighian tubule	2R:-:38176750-38176706	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_92263	GHQGPAAFLMLATGLDK	AGAP003475-PA	M10(Oxidation)	76	2.92E-07	3	1726.903	4.64	Head	2R:-:38176294-38177660,38176041-38176167	exon=> In CDS Exon 3 and 2 of transcript AGAP003475-PA
JHU_Ag_92390	DIGGGDPER	AGAP003475-PA	-	39	0.000562595	2	915.416	-0.44	Ovary	2R:-:38177119-38177093	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_92870	TFDAGICSEVSCFR	AGAP003475-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	68	1.05E-06	2	1648.711	0.69	Salivary gland	2R:-:38177524-38177483	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_94236	CDTLCVIDDANLHPVLAR	AGAP003475-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	119	2.20E-11	1	2082.020	4.31	Ovary	2R:-:38177596-38177543	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_94717	YAEAAGQAMR	AGAP003475-PA	M9(Oxidation)	39	0.001112838	2	1083.488	-0.91	Midgut	2R:-:38177404-38177375	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_94855	DIGGGDPER	AGAP003475-PA	-	41	0.000389221	2	915.417	-0.17	Midgut	2R:-:38177119-38177093	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_94942	YAEAAGQAMR	AGAP003475-PA	M9(Oxidation)	75	2.97E-07	1	1083.488	-0.8	Malpighian tubule	2R:-:38177404-38177375	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_96789	FPLLVLPAPTER	AGAP003475-PA	-	50	2.84E-05	1	1352.792	-1.51	Salivary gland	2R:-:38177350-38177315	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_97792	VVYSPVGELSDFDDVRR	AGAP003475-PA	-	47	0.00031424	1	1952.973	0.61	Midgut	2R:-:38177455-38177405	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_98123	CGAAAVAGFMK	AGAP003475-PA	C1(Carbamidomethyl), M10(Oxidation)	52	5.24E-05	1	1098.508	0.54	Malpighian tubule	2R:-:38176798-38176766	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_98765	QVQSLEAGR	AGAP003475-PA	-	61	1.44E-05	2	987.523	0.69	Malpighian tubule	2R:-:38177158-38177132	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_99475	AANHGPELQR	AGAP003475-PA	-	66	3.93E-06	1	1092.557	2.49	Malpighian tubule	2R:-:38176456-38176427	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_99626	AGEVVGDPFEISVLR	AGAP003475-PA	-	74	5.53E-07	2	1587.841	1.94	Salivary gland	2R:-:38176426-38176382	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_99654	REDFDFHR	AGAP003475-PA	-	46	0.00031381	1	1121.514	1.74	Ovary	2R:-:38176381-38176358	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_101607	VVYSPVGELSDFDDVRR	AGAP003475-PA	-	51	0.000120299	1	1952.973	0.77	Visceras	2R:-:38177455-38177405	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_104257	TFDAGICSEVSCFR	AGAP003475-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	127	1.28E-12	1	1648.710	0.25	Ovary	2R:-:38177524-38177483	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_106142	IVFLEYRPPKPAR	AGAP003475-PA	-	71	1.43E-07	1	1585.923	0.76	Malpighian tubule	2R:-:38176933-38176895	exon=> In CDS Exon 2 of transcript AGAP003475-PA

JHU_Ag_107097	NSVGEECYVSDEMVTSR	AGAP003475-PA	C7(Carbamidomethyl), M13(Oxidation),C7(Carbamidomethyl)	145	1.33E-14	1	1977.822	2.62	Ovary	2R:-:38176705-38176655	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_107528	MAMADALCQMK	AGAP003475-PA	M1(Oxidation), M3(Oxidation), C8(Carbamidomethyl), M10(Oxidation)	63	1.12E-06	2	1317.530	-0.64	Malpighian tubule	2R:-:38176609-38176577	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_110100	GVTYDTGGADIK	AGAP003475-PA	-	47	0.000223444	2	1196.582	1.82	Head	2R:-:38176870-38176835	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_110904	YSHLDIAGSAGDVPDTPTGSPILALAQAHLQ	AGAP003475-PA	-	70	1.01E-06	1	3115.567	-0.84	Pupa	2R:-:38176136-38176044	exon=> In CDS Exon 3 of transcript AGAP003475-PA
JHU_Ag_111945	VVEQRQPQDVHAIGVLCMVR	AGAP003475-PA	C17(Carbamidomethyl), M18(Oxidation)	85	3.35E-08	1	2350.219	3.04	Malpighian tubule	2R:-:38176765-38176706	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_112601	AGEVVGDPFEISVLRR	AGAP003475-PA	-	60	9.02E-06	1	1743.940	0.65	Malpighian tubule	2R:-:38176426-38176379	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_114931	TFDAGICSEVSCFR	AGAP003475-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	110	6.62E-11	1	1648.716	4.17	Head	2R:-:38177524-38177483	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_115416	IGLLHPDGAQR	AGAP003475-PA	-	35	0.002689822	1	1176.650	1.71	Salivary gland	2R:-:38177209-38177177	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_116002	YAEAAGQAMRR	AGAP003475-PA	M9(Oxidation)	51	0.000107083	1	1239.591	0.81	Malpighian tubule	2R:-:38177404-38177372	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_116052	FSAAPLVALLGALHELYVPLQLREDVPAK	AGAP003475-PA	-	46	2.29E-05	1	3130.769	0.87	Midgut	2R:-:38177314-38177228	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_116074	GVTYDTGGADIK	AGAP003475-PA	-	81	1.05E-07	1	1196.579	-0.12	Ovary	2R:-:38176870-38176835	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_116817	VVYSPVGELSDFDDVR	AGAP003475-PA	-	131	1.25E-12	1	1796.876	2.97	Malpighian tubule	2R:-:38177455-38177408	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_117742	VGNTDAEGR	AGAP003475-PA	-	53	6.57E-05	2	918.429	1.92	Malpighian tubule	2R:-:38176636-38176610	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_117771	GVEGYLPCEIDPVDNLEVALNR	AGAP003475-PA	C8(Carbamidomethyl)	48	0.000246245	2	2472.221	5.6	Head	2R:-:38183155-38183158,38176286-38177606	exon=> In CDS Exon 2 and 1 of transcript AGAP003475-PA
JHU_Ag_117812	VTVVDDPR	AGAP003475-PA	-	43	0.000497737	2	900.479	0.53	Ovary	2R:-:38177032-38177009	exon=> In CDS Exon 2 of transcript AGAP003475-PA
JHU_Ag_4768	AHIDLTELAGVIVAQNYVGSVLK	AGAP003476-PA	-	108	4.98E-11	1	2410.334	0.13	Salivary gland	2R:-:38185328-38185415,38184548-38185178	exon=> In CDS Exon 3 and 2 of transcript AGAP003476-PA
JHU_Ag_5463	DSCASFDYSVQK	AGAP003476-PA	C3(Carbamidomethyl)	93	2.15E-09	1	1406.589	-0.02	Ovary	2R:-:38184730-38184695	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_5728	DSCASFDYSVQK	AGAP003476-PA	C3(Carbamidomethyl)	78	8.18E-08	2	1406.592	2.15	Salivary gland	2R:-:38184730-38184695	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_6817	TTGLLLNER	AGAP003476-PA	-	51	0.000105425	1	1016.573	-0.06	Ovary	2R:-:38184955-38184929	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_6912	ETTTALAGQWQK	AGAP003476-PA	-	81	1.26E-07	2	1333.674	-0.26	Midgut	2R:-:38184694-38184659	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_19194	NLVASVANK	AGAP003476-PA	-	43	0.000774764	1	915.526	0.55	Ovary	2R:-:38184577-38184551	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_19729	YATELVQQQFR	AGAP003476-PA	-	72	8.20E-07	1	1382.706	-0.17	Pupa	2R:-:38185012-38184980	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_22699	AHIDLTELAGVIVAQNYVGSVLK	AGAP003476-PA	-	101	2.28E-10	1	2410.333	-0.33	Ovary	2R:-:38185328-38185415,38184548-38185178	exon=> In CDS Exon 3 and 2 of transcript AGAP003476-PA
JHU_Ag_29668	ETTTALAGQWQK	AGAP003476-PA	-	70	1.84E-06	1	1333.676	0.65	Ovary	2R:-:38184694-38184659	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_40738	YYQQAAAGDKPAEVIYSNDEEEYFIK	AGAP003476-PA	-	173	7.13E-17	1	3041.407	0.62	Ovary	2R:-:38184808-38184731	exon=> In CDS Exon 3 of transcript AGAP003476-PA

JHU_Ag_47399	TTGLLLNER	AGAP003476-PA	-	53	7.68E-05	2	1016.574	0.78	Salivary gland	2R:-:38184955-38184929	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_48947	NPIDPDLDGIKQLLGQLFVK	AGAP003476-PA	-	131	2.80E-13	1	2223.236	-1.19	Ovary	2R:-:38185388-38185329	exon=> In CDS Exon 2 of transcript AGAP003476-PA
JHU_Ag_55098	KDEELQPFR	AGAP003476-PA	-	43	0.000997459	2	1161.588	-2.02	Ovary	2R:-:38184658-38184632	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_56311	GMPFAFDYYLMFVK	AGAP003476-PA	M2(Oxidation), M11(Oxidation)	88	1.80E-08	1	1760.806	-0.22	Ovary	2R:-:38184850-38184809	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_56378	LPGIVATIK	AGAP003476-PA	-	50	8.19E-06	1	911.591	-1.64	Ovary	2R:-:38184604-38184578	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_62003	KDEELQPFR	AGAP003476-PA	-	39	0.002187191	1	1161.587	-2.65	Head	2R:-:38184658-38184632	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_65946	YATELVQQQFR	AGAP003476-PA	-	86	3.39E-08	1	1382.709	2.22	Salivary gland	2R:-:38185012-38184980	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_71368	LPGIVATIK	AGAP003476-PA	-	25	0.001862736	1	911.593	0.31	Male reproductive organs	2R:-:38184604-38184578	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_85665	LPGIVATIK	AGAP003476-PA	-	25	0.002954057	2	911.592	-0.9	Midgut	2R:-:38184604-38184578	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_86448	YYQQAAAGDKPAEVIYSNDEEEYFIK	AGAP003476-PA	-	62	8.52E-06	1	3041.409	1.11	Salivary gland	2R:-:38184808-38184731	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_88553	NPIDPDLDGIK	AGAP003476-PA	-	48	0.000203961	1	1196.614	-1.77	Ovary	2R:-:38185388-38185356	exon=> In CDS Exon 2 of transcript AGAP003476-PA
JHU_Ag_104585	QLLGQLFVK	AGAP003476-PA	-	49	3.33E-05	1	1045.640	-0.41	Ovary	2R:-:38185355-38185329	exon=> In CDS Exon 2 of transcript AGAP003476-PA
JHU_Ag_106519	LPGIVATIK	AGAP003476-PA	-	31	0.000612941	2	911.592	-0.5	Salivary gland	2R:-:38184604-38184578	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_108420	KMIFEK	AGAP003476-PA	M2(Oxidation)	36	0.002712854	2	811.442	4.43	Head	2R:-:38185039-38185022	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_112531	YATELVQQQFR	AGAP003476-PA	-	75	4.36E-07	1	1382.705	-0.96	Ovary	2R:-:38185012-38184980	exon=> In CDS Exon 3 of transcript AGAP003476-PA
JHU_Ag_2016	ILAVNSGYDAQDTIVR	AGAP003477-PA	-	104	5.86E-10	1	1734.904	0.91	Male reproductive organs	2R:+:38187652-38187699	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_8323	ILAVNSGYDAQDTIVR	AGAP003477-PA	-	143	6.59E-14	1	1734.906	1.96	Ovary	2R:+:38187652-38187699	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_9053	IIADGFDQAR	AGAP003477-PA	-	70	1.76E-06	2	1105.565	0.71	Ovary	2R:+:38186656-38186685	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_11254	SEVNSGFFYK	AGAP003477-PA	-	48	0.00021	2	1177.554	1.73	Malpighian tubule	2R:+:38187028-38187057	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_12292	IIADGFDQAR	AGAP003477-PA	-	73	7.32E-07	2	1105.567	2.59	Malpighian tubule	2R:+:38186656-38186685	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_18122	ILAVNSGYDAQDTIVR	AGAP003477-PA	-	99	1.89E-09	2	1734.905	1.68	Head	2R:+:38187652-38187699	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_18897	AAQALAINITAAK	AGAP003477-PA	-	99	5.13E-10	1	1255.742	3.74	Ovary	2R:+:38186134-38186172	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_20155	LQALDILEQIAHPIEVNR	AGAP003477-PA	-	119	3.68E-12	1	2072.155	2.49	Malpighian tubule	2R:+:38186686-38186739	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_22006	AAQALAINITAAK	AGAP003477-PA	-	77	7.43E-08	2	1255.739	1.31	Head	2R:+:38186134-38186172	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_23298	ILAVNSGYDAQDTIVR	AGAP003477-PA	-	105	3.98E-10	2	1734.907	3.02	Malpighian tubule	2R:+:38187652-38187699	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_26520	GIDPMSLDMLAK	AGAP003477-PA	M5(Oxidation), M9(Oxidation)	46	0.000417689	1	1322.635	1.45	Ovary	2R:+:38187190-38187225	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_28680	LQALDILEQIAHPIEVNR	AGAP003477-PA	-	73	2.10E-07	1	2072.145	-2.19	Midgut	2R:+:38186686-38186739	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_32466	QADLYIADGLHPR	AGAP003477-PA	-	65	4.24E-06	2	1468.758	2.55	Malpighian tubule	2R:+:38186617-38186655	exon=> In CDS Exon 2 of transcript AGAP003477-PA

JHU_Ag_32917	SINNAVEDKK	AGAP003477-PA	N4(Deamidated),N3(Deamidated)	35	0.005115636	1	1118.577	7.03	Head	2R:+:38187493-38187522	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_33984	QADLYIADGLHPR	AGAP003477-PA	-	82	7.40E-08	1	1468.757	1.97	Head	2R:+:38186617-38186655	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_39441	ASISLLNPK	AGAP003477-PA	N-Term(Acetyl)	39	0.000701926	1	984.573	1.04	Pupa	2R:+:38186092-38186118	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_40760	ILAVNSGYDAQDTIVR	AGAP003477-PA	-	74	6.05E-07	2	1734.905	1.61	Salivary gland	2R:+:38187652-38187699	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_44401	QADLYIADGLHPR	AGAP003477-PA	-	95	4.53E-09	1	1468.756	1.22	Ovary	2R:+:38186617-38186655	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_44551	ASISLLNPK	AGAP003477-PA	N-Term(Acetyl)	43	0.000269654	1	984.574	1.78	Malpighian tubule	2R:+:38186092-38186118	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_48514	LAIQAYADAMLVVPK	AGAP003477-PA	M10(Oxidation)	80	4.63E-08	1	1602.898	3.45	Malpighian tubule	2R:+:38187607-38187651	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_48979	ASISLLNPK	AGAP003477-PA	N-Term(Acetyl)	55	1.57E-05	2	984.576	3.13	Salivary gland	2R:+:38186092-38186118	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_49231	ENLLNIAR	AGAP003477-PA	-	35	0.002721521	2	942.537	0.04	Malpighian tubule	2R:+:38186740-38186763	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_49443	LAIQAYADAMLVVPK	AGAP003477-PA	-	51	3.51E-05	2	1602.899	4.22	Ovary	2R:+:38187607-38187651	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_50079	KLVPGAGAFEVR	AGAP003477-PA	-	32	0.004289352	2	1243.720	2.99	Malpighian tubule	2R:+:38187520-38187555	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_52466	LQALDILEQIAHPIEVNR	AGAP003477-PA	-	99	4.07E-10	1	2072.153	1.34	Salivary gland	2R:+:38186686-38186739	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_56197	AAQALAINITAAK	AGAP003477-PA	-	65	1.48E-06	2	1255.737	-0.05	Salivary gland	2R:+:38186134-38186172	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_59063	AAQALAINITAAK	AGAP003477-PA	-	77	7.80E-08	2	1255.735	-1.8	Malpighian tubule	2R:+:38186134-38186172	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_60880	YTFVEDCKNPLSVTILMK	AGAP003477-PA	C7(Carbamidomethyl),M17(Oxidation)	108	2.57E-10	1	2174.097	4.34	Ovary	2R:+:38187382-38187435	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_64074	KLVPGAGAFEVR	AGAP003477-PA	-	46	0.000174284	1	1243.715	-0.35	Ovary	2R:+:38187520-38187555	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_67408	GIDPMSLDMLAK	AGAP003477-PA	M5(Oxidation),M9(Oxidation)	50	0.000163531	2	1290.646	2.02	Malpighian tubule	2R:+:38187190-38187225	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_71810	QADLYIADGLHPR	AGAP003477-PA	-	41	0.001077581	2	1468.757	1.55	Male reproductive organs	2R:+:38186617-38186655	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_72241	FVLAEREFIEDR	AGAP003477-PA	-	55	4.46E-05	1	1523.788	1.43	Ovary	2R:+:38187079-38187114	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_73878	DGNVLLHEMQIK	AGAP003477-PA	M9(Oxidation)	44	0.000554389	1	1412.722	0.9	Head	2R:+:38186479-38186514	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_76940	IIADGFDQAR	AGAP003477-PA	-	80	1.82E-07	2	1105.563	-0.39	Pupa	2R:+:38186656-38186685	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_77166	LQALDILEQIAHPIEVNR	AGAP003477-PA	-	108	4.56E-11	1	2072.159	4.26	Larva	2R:+:38186686-38186739	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_81439	DGNVLLHEMQIKHPTASLIAR	AGAP003477-PA	M9(Oxidation)	66	2.23E-06	1	2359.262	2.86	Ovary	2R:+:38186479-38186541	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_81663	LQALDILEQIAHPIEVNR	AGAP003477-PA	Q9(Deamidated),Q2(Deamidated)	62	4.52E-06	1	2073.111	-11.2	Head	2R:+:38186686-38186739	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_83279	QADLYIADGLHPR	AGAP003477-PA	-	39	0.001672375	1	1468.753	-0.85	Pupa	2R:+:38186617-38186655	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_84200	ASISLLNPK	AGAP003477-PA	N-Term(Acetyl)	73	3.21E-07	1	984.572	-0.58	Male reproductive organs	2R:+:38186092-38186118	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_87323	AAQALAINITAAK	AGAP003477-PA	-	78	6.62E-08	2	1255.736	-0.54	Male reproductive organs	2R:+:38186134-38186172	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_88896	GIDPMSLDMLAK	AGAP003477-PA	M5(Oxidation),M9(Oxidation)	39	0.001986854	2	1322.638	3.48	Larva	2R:+:38187190-38187225	exon=> In CDS Exon 2 of transcript AGAP003477-PA

JHU_Ag_103564	LQALDILEQIAHPIEVNR	AGAP003477-PA	-	125	9.94E-13	1	2072.159	4.52	Ovary	2R:+:38186686-38186739	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_103818	IIADGFDQAR	AGAP003477-PA	-	56	4.08E-05	2	1105.562	-1.16	Salivary gland	2R:+:38186656-38186685	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_110331	SEVNSGFFYK	AGAP003477-PA	-	55	4.70E-05	1	1177.558	4.63	Ovary	2R:+:38187028-38187057	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_111226	ILAVNSGYDAQDTIVR	AGAP003477-PA	-	139	1.93E-13	2	1734.903	0.27	Pupa	2R:+:38187652-38187699	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_113013	HTLAQIKDAIR	AGAP003477-PA	-	40	0.000300639	1	1265.732	-0.11	Ovary	2R:+:38187448-38187480	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_114464	SATDTQLVK	AGAP003477-PA	-	40	0.001563936	1	962.517	1.75	Ovary	2R:+:38186902-38186928	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_114623	AAQALAINITAAK	AGAP003477-PA	-	72	2.10E-07	2	1255.742	3.64	Pupa	2R:+:38186134-38186172	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_116398	IIADGFDQAR	AGAP003477-PA	-	74	6.68E-07	2	1105.563	-0.83	Male reproductive organs	2R:+:38186656-38186685	exon=> In CDS Exon 2 of transcript AGAP003477-PA
JHU_Ag_117246	ASISLLNPK	AGAP003477-PA	N-Term(Acetyl)	64	2.16E-06	1	984.574	1.16	Ovary	2R:+:38186092-38186118	exon=> In CDS Exon 1 of transcript AGAP003477-PA
JHU_Ag_34524	FGAMLDQLTDR	AGAP003478-PA	M4(Oxidation)	93	7.24E-09	2	1282.609	-0.87	Midgut	2R:-:38189689-38189657	exon=> In CDS Exon 3 of transcript AGAP003478-PA
JHU_Ag_51068	FGAMLDQLTDR	AGAP003478-PA	M4(Oxidation)	60	1.55E-05	1	1266.617	1.46	Head	2R:-:38189689-38189657	exon=> In CDS Exon 3 of transcript AGAP003478-PA
JHU_Ag_52363	LLAIVSFPVAVVK	AGAP003478-PA	-	75	1.04E-08	2	1355.864	-1.46	Head	2R:-:38189285-38189247	exon=> In CDS Exon 4 of transcript AGAP003478-PA
JHU_Ag_65712	LLAIVSFPVAVVK	AGAP003478-PA	-	68	5.19E-08	2	1355.867	0.88	Midgut	2R:-:38189285-38189247	exon=> In CDS Exon 4 of transcript AGAP003478-PA
JHU_Ag_69631	FIDMSGNPIMR	AGAP003478-PA	M4(Oxidation), M10(Oxidation)	59	1.22E-05	1	1312.599	-2.72	Head	2R:-:38189441-38189409	exon=> In CDS Exon 4 of transcript AGAP003478-PA
JHU_Ag_78942	FIDMSGNPIMR	AGAP003478-PA	M4(Oxidation), M10(Oxidation)	39	0.001198396	1	1312.604	1	Larva	2R:-:38189441-38189409	exon=> In CDS Exon 4 of transcript AGAP003478-PA
JHU_Ag_115026	FIDMSGNPIMR	AGAP003478-PA	M4(Oxidation),"M4(Oxidation), M10(Oxidation)"	55	3.56E-05	1	1312.600	-1.89	Midgut	2R:-:38189441-38189409	exon=> In CDS Exon 4 of transcript AGAP003478-PA
JHU_Ag_25914	ILETISHQINTQYVELSAHR	AGAP003479-PA	-	103	5.10E-10	1	2352.238	3.26	Head	2R:+:38406875-38406934	exon=> In CDS Exon 11 of transcript AGAP003479-PA
JHU_Ag_32202	EDDQFVLYGGPDPTDLDR	AGAP003481-PA	-	69	1.41E-06	1	2051.925	2.68	Head	2R:-:38490993-38490940	exon=> In CDS Exon 1 of transcript AGAP003481-PA
JHU_Ag_38438	LGVAFIR	AGAP003481-PA	-	34	0.001230694	2	775.482	-0.63	Male reproductive organs	2R:-:38489833-38489813	exon=> In CDS Exon 3 of transcript AGAP003481-PA
JHU_Ag_68801	LGVAFIR	AGAP003481-PA	-	42	0.000190266	2	775.487	5.51	Head	2R:-:38489833-38489813	exon=> In CDS Exon 3 of transcript AGAP003481-PA
JHU_Ag_15075	YRPSFLNMVPPIVVFLAK	AGAP003483-PA	M8(Oxidation)	25	0.007602796	1	2107.181	1.81	Malpighian tubule	2R:+:38517380-38517433	exon=> In CDS Exon 2 of transcript AGAP003483-PA
JHU_Ag_28573	EVEQLINER	AGAP003483-PA	-	44	0.000528883	2	1129.585	0.05	Malpighian tubule	2R:+:38517506-38517532	exon=> In CDS Exon 2 of transcript AGAP003483-PA
JHU_Ag_42210	LVFVSSLAR	AGAP003483-PA	-	47	8.04E-05	2	991.595	1.74	Malpighian tubule	2R:+:38516930-38516956	exon=> In CDS Exon 2 of transcript AGAP003483-PA
JHU_Ag_47706	EVEQLINERLPGIR	AGAP003483-PA	-	61	3.77E-06	1	1665.932	2.41	Malpighian tubule	2R:+:38517506-38517547	exon=> In CDS Exon 2 of transcript AGAP003483-PA
JHU_Ag_80884	ASQTVKQPLLNVISYDALER	AGAP003483-PA	-	40	0.000425065	3	2245.229	4.39	Malpighian tubule	2R:+:38516972-38517031	exon=> In CDS Exon 2 of transcript AGAP003483-PA
JHU_Ag_117173	AGELPLAFVVPTEGIPVTEEQLIQYVDER	AGAP003483-PA	-	128	1.15E-12	1	3212.680	2.25	Malpighian tubule	2R:+:38517959-38518045	exon=> In CDS Exon 2 of transcript AGAP003483-PA

JHU_Ag_12446	VVLPTFILEPR	AGAP003484-PB,AGAP003484-PA	-	61	3.13E-06	2	1283.775	2.39	Head	2R:-:38550829-38550797;2R:-:38550829-38550797	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_15304	SLIWFLVK	AGAP003484-PB,AGAP003484-PA	-	24	0.004528037	2	1005.615	1.57	Head	2R:-:38550883-38550860;2R:-:38550883-38550860	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_24131	VVLPTFILEPR	AGAP003484-PB,AGAP003484-PA	-	43	0.000182517	2	1283.773	0.58	Male reproductive organs	2R:-:38550829-38550797;2R:-:38550829-38550797	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_24168	LWCVLKPGLLFIYK	AGAP003484-PB,AGAP003484-PA	C3(Carbamidomethyl)	27	0.004583733	3	1750.015	1.28	Head	2R:-:38552601-38552560;2R:-:38552601-38552560	exon=> In CDS Exon 3 of transcript AGAP003484-PB;exon=> In CDS Exon 3 of transcript AGAP003484-PA
JHU_Ag_30939	IESGFPDKNDSAK	AGAP003484-PB,AGAP003484-PA	-	42	0.000893883	2	1407.678	2.15	Malpighian tubule	2R:-:38559075-38559123,38552824-38552950;2R:-:38559075-38559123,38552824-38552950	exon=> In CDS Exon 2 and 1 of transcript AGAP003484-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP003484-PA
JHU_Ag_45113	VVLPTFILEPR	AGAP003484-PB,AGAP003484-PA	-	44	9.11E-05	2	1283.778	4.57	Malpighian tubule	2R:-:38550829-38550797;2R:-:38550829-38550797	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_54043	VVLPTFILEPR	AGAP003484-PB,AGAP003484-PA	-	47	7.64E-05	2	1283.773	0.58	Ovary	2R:-:38550829-38550797;2R:-:38550829-38550797	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_87274	KLEEHSK	AGAP003484-PB,AGAP003484-PA	-	41	0.000688795	2	870.468	-0.2	Head	2R:-:38549472-38549452;2R:-:38549472-38549452	exon=> In CDS Exon 7 of transcript AGAP003484-PB;exon=> In CDS Exon 6 of transcript AGAP003484-PA
JHU_Ag_89523	SFLDKLADSYYHADILSK	AGAP003484-PB,AGAP003484-PA	-	93	6.77E-09	1	2086.061	5.86	Malpighian tubule	2R:-:38550796-38550743;2R:-:38550796-38550743	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_92688	KPYNPILGETFR	AGAP003484-PB,AGAP003484-PA	-	41	0.000884012	1	1434.772	-1.64	Head	2R:-:38550652-38550617;2R:-:38550652-38550617	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_97918	TNEETVLFNPTPDIR	AGAP003484-PB,AGAP003484-PA	-	61	1.14E-05	2	1745.872	0.84	Head	2R:-:38550151-38550107;2R:-:38550151-38550107	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_100689	TNEETVLFNPTPDIR	AGAP003484-PB,AGAP003484-PA	-	41	0.001200597	2	1745.877	3.78	Malpighian tubule	2R:-:38550151-38550107;2R:-:38550151-38550107	exon=> In CDS Exon 6 of transcript AGAP003484-PB;exon=> In CDS Exon 5 of transcript AGAP003484-PA
JHU_Ag_47448	VIPSIALIK	AGAP003485-PA	-	18	0.007181456	1	953.647	8.34	Head	2R:-:38587509-38587483	exon=> In CDS Exon 1 of transcript AGAP003485-PA
JHU_Ag_84290	VIPSIALIK	AGAP003485-PA	-	40	0.00015537	1	953.625	-14.83	Malpighian tubule	2R:-:38587509-38587483	exon=> In CDS Exon 1 of transcript AGAP003485-PA
JHU_Ag_86551	VIPSIALIK	AGAP003485-PA	-	35	0.000512116	1	953.626	-14.12	Ovary	2R:-:38587509-38587483	exon=> In CDS Exon 1 of transcript AGAP003485-PA

JHU_Ag_2948	TTNLESSLLTEK	AGAP003486-PA	-	59	1.92E-05	2	1335.700	-0.37	Ovary	2R:+:38594888-38594923	exon=> In CDS Exon 1 of transcript AGAP003486-PA
JHU_Ag_44152	TQPKPSSGTATAEPEQTAGSPNKK	AGAP003486-PA	-	56	3.70E-05	1	2412.195	-2.08	Head	2R:+:38595098-38595169	exon=> In CDS Exon 1 of transcript AGAP003486-PA
JHU_Ag_50893	VDAPSTPTAGESLIGRPLR	AGAP003486-PA	-	41	0.000523306	1	1937.052	3.64	Ovary	2R:+:38595227-38595283	exon=> In CDS Exon 1 of transcript AGAP003486-PA
JHU_Ag_54313	TTNLESSLLTEK	AGAP003486-PA	-	53	6.98E-05	2	1335.700	0.09	Head	2R:+:38594888-38594923	exon=> In CDS Exon 1 of transcript AGAP003486-PA
JHU_Ag_81303	IVTDQPQQPK	AGAP003486-PA	-	76	2.14E-07	2	1153.622	0.36	Head	2R:+:38595878-38595907	exon=> In CDS Exon 1 of transcript AGAP003486-PA
JHU_Ag_105001	DMTPESTSDEPVIDSPK	AGAP003486-PA	M2(Oxidation)	93	4.65E-09	2	1863.820	2.06	Head	2R:+:38595464-38595514	exon=> In CDS Exon 1 of transcript AGAP003486-PA
JHU_Ag_114006	EADGAGAMDVDVVAGK	AGAP003486-PA	M8(Oxidation)	121	8.95E-12	1	1520.693	2.35	Head	2R:+:38595701-38595748	exon=> In CDS Exon 1 of transcript AGAP003486-PA
JHU_Ag_7254	NGGPNLLSALGR	AGAP003488-PA	-	46	0.000172053	2	1168.645	1.46	Head	2R:-:38600632-38600597	exon=> In CDS Exon 1 of transcript AGAP003488-PA
JHU_Ag_35192	DIPANTYEEDVAEGGEAVGSR	AGAP003488-PA	-	93	4.86E-09	2	2178.979	0.17	Head	2R:-:38601034-38600972	exon=> In CDS Exon 1 of transcript AGAP003488-PA
JHU_Ag_62998	LLDPADGGPSTDSSLSMVPGEELK	AGAP003488-PA	M17(Oxidation)	59	1.69E-05	1	2431.164	3.91	Head	2R:-:38601193-38601122	exon=> In CDS Exon 1 of transcript AGAP003488-PA
JHU_Ag_101028	LLGTIVQNNPK	AGAP003488-PA	-	48	5.28E-05	2	1196.700	-0.14	Salivary gland	2R:-:38600689-38600657	exon=> In CDS Exon 1 of transcript AGAP003488-PA
JHU_Ag_75047	INPIR	AGAP003489-PA	-	34	0.001982497	1	612.384	1.81	Larva	2R:-:38604558-38604544	exon=> In CDS Exon 6 of transcript AGAP003489-PA
JHU_Ag_81101	IANNITIR	AGAP003489-PA	N3(Deamidated)	45	0.000582908	2	915.526	-0.18	Salivary gland	2R:-:38616929-38616906	exon=> In CDS Exon 1 of transcript AGAP003489-PA
JHU_Ag_82753	SNSKLSR	AGAP003489-PA	-	36	0.002925 18	1	791.442	5.85	Ovary	2R:-:38612292-38612272	exon=> In CDS Exon 2 of transcript AGAP003489-PA
JHU_Ag_5191	LLMGPGPSNAPPR	AGAP003490-PA	M3(Oxidation)	52	7.74E-05	1	1322.688	-0.35	Midgut	2R:+:38607020-38607058	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_6173	VLQVFR	AGAP003490-PA	-	39	0.000498259	1	761.468	0.85	Malpighian tubule	2R:+:38608276-38608293	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_7149	VLGAPPGITPISFNHR	AGAP003490-PA	-	49	7.40E-05	1	1675.930	1.07	Malpighian tubule	2R:+:38607578-38607625	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_12955	IGLMGQNATSER	AGAP003490-PA	M4(Oxidation)	105	5.04E-10	1	1292.628	1.6	Malpighian tubule	2R:+:38608231-38608266	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_13533	VSAPDVLRDPLVVPEK	AGAP003490-PA	-	62	2.53E-06	1	1733.976	-2.36	Malpighian tubule	2R:+:38606972-38607019	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_20900	AIETHRPSVLFLTQGESSTGVR	AGAP003490-PA	-	124	4.27E-12	1	2385.251	-0.5	Malpighian tubule	2R:+:38607374-38607439	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_22055	AVKPDFAFPR	AGAP003490-PA	-	40	0.001504298	1	1147.625	-0.85	Pupa	2R:+:38608306-38608335	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_22353	TYLVEISGGLGPTAGQVFR	AGAP003490-PA	-	83	4.48E-08	2	1965.047	1.57	Midgut	2R:+:38608174-38608230	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_25164	AMGLELYAQER	AGAP003490-PA	M2(Oxidation)	65	5.00E-06	2	1296.624	-0.97	Midgut	2R:+:38608063-38608095	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_31249	EAIAMACEESLPSLIAR	AGAP003490-PA	M5(Oxidation), C7(Carbamidomethyl)	58	2.75E-05	1	1876.915	0.16	Malpighian tubule	2R:+:38607973-38608023	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_34345	ASQGSSLALPEIR	AGAP003490-PA	-	57	2.25E-05	1	1328.717	-0.24	Malpighian tubule	2R:+:38607332-38607370	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_37254	AIETHRPSVLFLTQGESSTGVR	AGAP003490-PA	-	100	9.33E-10	1	2385.259	2.96	Midgut	2R:+:38607374-38607439	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_41480	AIETHRPSVLFLTQGESSTGVR	AGAP003490-PA	-	96	2.43E-09	1	2385.258	2.42	Salivary gland	2R:+:38607374-38607439	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_44453	TYLVEISGGLGPTAGQVFR	AGAP003490-PA	-	119	1.10E-11	1	1965.044	-0.27	Malpighian tubule	2R:+:38608174-38608230	exon=> In CDS Exon 3 of transcript AGAP003490-PA

JHU_Ag_48026	AMGLELYAQER	AGAP003490-PA	M2(Oxidation)	76	3.19E-07	1	1296.627	1.39	Malpighian tubule	2R:+:38608063-38608095	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_55425	ASQGSSLALPEIR	AGAP003490-PA	-	55	3.73E-05	2	1328.717	0.22	Salivary gland	2R:+:38607332-38607370	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_62953	IYHHTISSTLLYGLR	AGAP003490-PA	-	60	9.46E-06	1	1773.968	1.71	Malpighian tubule	2R:+:38607847-38607848,38607930-38607972	exon=> In CDS Exon 2 and 3 of transcript AGAP003490-PA
JHU_Ag_74197	IYHHTISSTLLYGLR	AGAP003490-PA	-	83	4.54E-08	1	1773.970	3.25	Midgut	2R:+:38607847-38607848,38607930-38607972	exon=> In CDS Exon 2 and 3 of transcript AGAP003490-PA
JHU_Ag_82029	AIETHRPSVLFLTQGESSTGVR	AGAP003490-PA	-	83	4.72E-08	1	2385.259	2.73	Head	2R:+:38607374-38607439	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_82629	VSAPDVLRDPLVVPEK	AGAP003490-PA	-	59	4.33E-06	2	1733.980	0.18	Midgut	2R:+:38606972-38607019	exon=> In CDS Exon 1 of transcript AGAP003490-PA
JHU_Ag_93081	AVKPDFAFPR	AGAP003490-PA	-	33	0.006596807	1	1147.625	-0.85	Malpighian tubule	2R:+:38608306-38608335	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_107597	DRLPTVTTIR	AGAP003490-PA	-	43	0.000432007	1	1171.679	-0.13	Pupa	2R:+:38608096-38608125	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_114922	AVKPDFAFPR	AGAP003490-PA	-	40	0.001288069	1	1147.627	1.05	Salivary gland	2R:+:38608306-38608335	exon=> In CDS Exon 3 of transcript AGAP003490-PA
JHU_Ag_9317	VSDLFTNPTNR	AGAP003492-PC,AGAP003492-PA	-	68	3.26E-06	2	1263.631	-1.53	Head	2R:+:38645987-38646019;2R:+:38645987-38646019	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_9741	TNAQIQAILGGK	AGAP003492-PC,AGAP003492-PA	-	69	9.52E-07	2	1213.690	-0.29	Male reproductive organs	2R:+:38646602-38646637;2R:+:38646602-38646637	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_28563	TNAQIQAILGGKK	AGAP003492-PC,AGAP003492-PA	-	92	2.23E-09	1	1341.786	0.92	Malpighian tubule	2R:+:38646602-38646640;2R:+:38646602-38646640	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_34037	VSDLFTNPTNR	AGAP003492-PC,AGAP003492-PA	-	67	3.59E-06	1	1263.633	0.01	Ovary	2R:+:38645987-38646019;2R:+:38645987-38646019	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_34859	TNAQIQAILGGK	AGAP003492-PC,AGAP003492-PA	-	47	0.000135904	2	1213.693	2.13	Ovary	2R:+:38646602-38646637;2R:+:38646602-38646637	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_40351	TNAQIQAILGGK	AGAP003492-PC,AGAP003492-PA	-	95	2.28E-09	2	1213.690	-0.09	Midgut	2R:+:38646602-38646637;2R:+:38646602-38646637	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_44929	VSDLFTNPTNR	AGAP003492-PC,AGAP003492-PA	-	71	1.61E-06	2	1263.634	0.69	Salivary gland	2R:+:38645987-38646019;2R:+:38645987-38646019	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_58241	RIDAGVALK	AGAP003492-PC,AGAP003492-PA	-	34	0.003112361	1	942.575	2.15	Larva	2R:+:38645876-38645902;2R:+:38645876-38645902	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_58440	TNAQIQAILGGK	AGAP003492-PC,AGAP003492-PA	-	52	4.99E-05	2	1213.689	-1.09	Pupa	2R:+:38646602-38646637;2R:+:38646602-38646637	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_60248	TNAQIQAILGGK	AGAP003492-PC,AGAP003492-PA	-	55	2.61E-05	2	1213.692	1.72	Salivary gland	2R:+:38646602-38646637;2R:+:38646602-38646637	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_61040	RIDAGVALK	AGAP003492-PC,AGAP003492-PA	-	34	0.003259077	1	942.573	-0.63	Head	2R:+:38645876-38645902;2R:+:38645876-38645902	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_63997	VSDLFTNPTNR	AGAP003492-PC,AGAP003492-PA	-	41	0.001516684	2	1263.634	0.79	Malpighian tubule	2R:+:38645987-38646019;2R:+:38645987-38646019	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA

JHU_Ag_68333	SSSAPGATNPMLYDPIPEGQGSTTKR	AGAP003492-PC,AGAP003492-PA	N-Term(Acetyl), M11(Oxidation)	42	0.000987931	1	2720.282	-0.38	Midgut	2R:+:38634317-38634394;2R:+:38643837-38643914	exon=> In CDS Exon 1 of transcript AGAP003492-PC;exon=> In CDS Exon 1 of transcript AGAP003492-PA
JHU_Ag_68520	TNAQIQAILGGK	AGAP003492-PC,AGAP003492-PA	-	90	6.70E-09	1	1213.694	3.64	Larva	2R:+:38646602-38646637;2R:+:38646602-38646637	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_88398	VSDLFTNPTNR	AGAP003492-PC,AGAP003492-PA	-	76	5.15E-07	1	1263.632	-0.37	Midgut	2R:+:38645987-38646019;2R:+:38645987-38646019	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_92557	TNAQIQAILGGK	AGAP003492-PC,AGAP003492-PA	-	67	1.62E-06	2	1213.687	-2.5	Head	2R:+:38646602-38646637;2R:+:38646602-38646637	exon=> In CDS Exon 5 of transcript AGAP003492-PC;exon=> In CDS Exon 5 of transcript AGAP003492-PA
JHU_Ag_20526	NKGSVMDLFR	AGAP003493-PC	M6(Oxidation)	60	1.34E-05	1	1182.593	-0.28	Midgut	2R:+:38654987-38655016	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_30099	AVESLCFLR	AGAP003493-PC	C6(Carbamidomethyl)	78	2.61E-07	2	1094.568	1.66	Midgut	2R:+:38654891-38654917	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_36885	TVDGVQEELHEISTTVEESLR	AGAP003493-PC	-	168	2.12E-16	1	2371.169	2.97	Midgut	2R:+:38654924-38654986	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_49332	GLSLQEIQDRLNGK	AGAP003493-PC	N12(Deamidated)	97	2.44E-09	1	1571.838	-0.34	Midgut	2R:+:38655611-38655652	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_50319	TVDGVQEELHEISTTVEESLR	AGAP003493-PC	-	111	1.21E-10	2	2371.160	-1.05	Malpighian tubule	2R:+:38654924-38654986	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_58374	MNPAELNQYQPVATFEK	AGAP003493-PC	N-Term(Acetyl), M1(Oxidation)	115	4.91E-11	1	2037.961	0.94	Midgut	2R:+:38653986-38654036	exon=> In CDS Exon 1 of transcript AGAP003493-PC
JHU_Ag_69799	LETSHFCK	AGAP003493-PC	C7(Carbamidomethyl)	38	0.001941851	2	1021.476	-1.15	Midgut	2R:+:38654037-38654060	exon=> In CDS Exon 1 of transcript AGAP003493-PC
JHU_Ag_73044	GSVMDLFR	AGAP003493-PC	M4(Oxidation)	51	9.13E-05	1	940.456	0.19	Midgut	2R:+:38654993-38655016	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_74518	GKTVDGVQEELHEISTTVEESLR	AGAP003493-PC	-	134	6.04E-13	1	2556.264	-5.67	Midgut	2R:+:38654918-38654986	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_78892	GLSLQEIQDR	AGAP003493-PC	-	81	1.18E-07	2	1158.611	-0.11	Midgut	2R:+:38655611-38655640	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_87017	GLSLQEIQDR	AGAP003493-PC	-	73	8.01E-07	1	1158.613	1.15	Visceras	2R:+:38655611-38655640	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_94631	AVESLCFLR	AGAP003493-PC	C6(Carbamidomethyl)	57	3.40E-05	2	1094.570	3.33	Malpighian tubule	2R:+:38654891-38654917	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_107488	AVESLCFLR	AGAP003493-PC	C6(Carbamidomethyl)	78	2.27E-07	2	1094.570	3.33	Visceras	2R:+:38654891-38654917	exon=> In CDS Exon 4 of transcript AGAP003493-PC
JHU_Ag_5913	LTEDINSDDIRDYFSK	AGAP003497-PA	-	41	0.001164828	1	1930.904	0.78	Midgut	2R:+:38676432-38676479	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_6804	AFAFVTFIDPHVAQSLCGEDHLIK	AGAP003497-PA	C17(Carbamidomethyl)	76	3.14E-07	1	2715.373	4.75	Ovary	2R:+:38676522-38676593	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_12802	TTTDLIVLGLPWK	AGAP003497-PA	-	61	3.84E-06	2	1456.842	0.87	Ovary	2R:+:38676147-38676185	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_16113	YGEVTDVFIPKPFR	AGAP003497-PA	-	84	4.31E-08	1	1667.879	0.04	Ovary	2R:+:38676480-38676521	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_16435	TTTDLIVLGLPWK	AGAP003497-PA	-	43	0.000222051	2	1456.848	4.81	Malpighian tubule	2R:+:38676147-38676185	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_26036	YGEVTDVFIPKPFR	AGAP003497-PA	-	48	0.000187948	1	1667.879	-0.4	Midgut	2R:+:38676480-38676521	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_41072	GQMGGNFSNYDER	AGAP003497-PA	M3(Oxidation)	38	0.000362395	2	1490.596	-0.12	Ovary	2R:+:38676657-38676695	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_93092	LTEDINSDDIRDYFSK	AGAP003497-PA	-	62	9.37E-06	1	1930.908	2.77	Ovary	2R:+:38676432-38676479	exon=> In CDS Exon 1 of transcript AGAP003497-PA
JHU_Ag_15826	GPPMDLPR	AGAP003502-PA	M4(Oxidation)	31	0.007157671	2	898.445	-0.27	Head	2R:-:38748660-38748637	exon=> In CDS Exon 3 of transcript AGAP003502-PA

JHU_Ag_15921	QLDTFDFEPFR	AGAP003502-PA	-	48	0.000193963	1	1414.664	0.38	Head	2R:-:38746826-38746794	exon=> In CDS Exon 4 of transcript AGAP003502-PA
JHU_Ag_26515	ASVDGAELPSAR	AGAP003502-PA	-	71	1.04E-06	1	1172.592	0.8	Head	2R:-:38748480-38748445	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_30405	SVPAPTGHFGPR	AGAP003502-PA	-	53	7.04E-05	2	1222.634	0.95	Head	2R:-:38748195-38748160	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_40551	CDFNAR	AGAP003502-PA	C1(Carbamidomethyl)	32	0.003115804	2	782.324	-1.69	Head	2R:-:38748618-38748601	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_50537	ERPYEYGVAMIPFR	AGAP003502-PA	M10(Oxidation)	58	2.33E-05	1	1743.857	2.91	Head	2R:-:38748567-38748526	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_53738	DGLDNALGGAIGTALAK	AGAP003502-PA	-	107	2.69E-10	2	1556.833	3.43	Head	2R:-:38747508-38747458	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_68581	QLDTFDFEPFREDAEQPQR	AGAP003502-PA	-	55	4.74E-05	1	2368.093	3.56	Head	2R:-:38746826-38746770	exon=> In CDS Exon 4 of transcript AGAP003502-PA
JHU_Ag_74062	ADEHLLHGQPCGLDLVSLNIQR	AGAP003502-PA	C11(Carbamidomethyl)	73	7.29E-07	3	2485.262	0.16	Head	2R:-:38747409-38747344	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_78346	FAHTLLPGLMK	AGAP003502-PA	M10(Oxidation)	55	3.66E-05	1	1243.686	-0.29	Head	2R:-:38747622-38747590	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_82260	QLNPDYGDGISAPR	AGAP003502-PA	-	61	1.22E-05	2	1502.725	1.2	Pupa	2R:-:38748522-38748481	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_85191	YDQYFSTELTER	AGAP003502-PA	-	80	1.06E-07	1	1551.697	0.63	Head	2R:-:38747457-38747422	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_86970	GRDHGLPAYPR	AGAP003502-PA	-	43	0.000770053	1	1238.638	-0.76	Head	2R:-:38747343-38747311	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_97619	YCFESGDAR	AGAP003502-PA	C2(Carbamidomethyl)	57	2.26E-06	2	1104.441	-0.84	Head	2R:-:38747961-38747935	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_100784	QLNPDYGDGISAPR	AGAP003502-PA	-	86	3.65E-08	2	1502.723	-0.59	Head	2R:-:38748522-38748481	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_106384	TPLTSDLSGPLPLASGPSGTAVHHLK	AGAP003502-PA	-	197	7.77E-20	1	2553.370	1.09	Head	2R:-:38749419-38749342	exon=> In CDS Exon 1 of transcript AGAP003502-PA
JHU_Ag_115229	ELLEETLSSPPLNSPSFR	AGAP003502-PA	-	72	8.52E-07	1	2016.027	-0.91	Head	2R:-:38748840-38748787	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_117164	NPAASASGIELHR	AGAP003502-PA	-	88	1.98E-08	1	1322.683	1.2	Head	2R:-:38747580-38747542	exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_1185	HLTELIDYVLDGRK	AGAP003503-PA	-	48	8.47E-05	1	1671.926	11.84	Ovary	2R:+:38754954-38754995	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_6592	NVAYTQFIEFLHSR	AGAP003503-PA	-	83	6.54E-08	2	1724.875	-0.35	Ovary	2R:+:38754333-38754374	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_14123	IIDEAINLVLR	AGAP003503-PA	-	49	2.45E-05	2	1268.761	2.53	Visceras	2R:+:38754528-38754560	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_26723	YALSLLPYVEDPIEVR	AGAP003503-PA	-	58	1.33E-05	2	1877.010	2.14	Ovary	2R:+:38755984-38756031	exon=> In CDS Exon 5 of transcript AGAP003503-PA
JHU_Ag_28956	IIDEAINLVLR	AGAP003503-PA	-	49	2.77E-05	2	1268.757	-0.64	Midgut	2R:+:38754528-38754560	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_45278	LAELIDFR	AGAP003503-PA	-	64	3.55E-06	2	976.547	0.93	Ovary	2R:+:38753574-38753597	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_52247	IIDEAINLVLR	AGAP003503-PA	-	49	2.54E-05	2	1268.762	3.69	Head	2R:+:38754528-38754560	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_54244	ELVDGELDR	AGAP003503-PA	-	36	0.003338955	2	1045.516	-0.05	Ovary	2R:+:38754177-38754203	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_73264	ISHNPTEWHVTVLADR	AGAP003503-PA	-	100	1.46E-09	1	1874.959	4.3	Ovary	2R:+:38753208-38753255	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_77872	IIDEAINLVLR	AGAP003503-PA	-	89	2.37E-09	2	1268.764	4.94	Malpighian tubule	2R:+:38754528-38754560	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_89576	IIDEAINLVLR	AGAP003503-PA	-	32	0.001504606	2	1268.758	0.9	Ovary	2R:+:38754528-38754560	exon=> In CDS Exon 3 of transcript AGAP003503-PA

JHU_Ag_91734	DVLLQLISCTLR	AGAP003503-PA	C9(Carbamidomethyl)	53	3.47E-05	2	1430.810	4.36	Ovary	2R:+:38754867-38754902	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_98489	YALSLLPYVEDPIEVR	AGAP003503-PA	-	32	0.004931353	2	1877.016	5.58	Head	2R:+:38755984-38756031	exon=> In CDS Exon 5 of transcript AGAP003503-PA
JHU_Ag_102984	GVIILAAAVNQQR	AGAP003503-PA	-	51	1.80E-05	2	1352.800	-0.62	Ovary	2R:+:38753424-38753462	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_112429	IAIDLAQDTPAADPR	AGAP003503-PA	-	47	0.000251712	1	1566.813	0.16	Ovary	2R:+:38754216-38754260	exon=> In CDS Exon 3 of transcript AGAP003503-PA
JHU_Ag_68364	SAGSGFGGEPFATPR	AGAP003503-PA,AGAP012868-PA	-	73	7.31E-07	2	1437.680	2.99	Ovary	2R:+:38752642-38752686;UNKN:-:35129279-35129235	exon=> In CDS Exon 2 of transcript AGAP003503-PA;exon=> In CDS Exon 2 of transcript AGAP012868-PA
JHU_Ag_4046	AEAEDADEEDDMK	AGAP003507-PA	M12(Oxidation)	84	1.84E-09	2	1483.540	1.39	Head	2R:-:38775017-38774979	exon=> In CDS Exon 2 of transcript AGAP003507-PA
JHU_Ag_13142	LGEAPATPLANPTKDEPSTSR	AGAP003507-PA	-	50	0.000144119	1	2152.093	2.47	Male reproductive organs	2R:-:38775080-38775018	exon=> In CDS Exon 2 of transcript AGAP003507-PA
JHU_Ag_16602	LGEAPATPLANPTKDEPSTSR	AGAP003507-PA	-	69	1.61E-06	1	2152.089	0.17	Head	2R:-:38775080-38775018	exon=> In CDS Exon 2 of transcript AGAP003507-PA
JHU_Ag_63775	LGEAPATPLANPTK	AGAP003507-PA	-	74	3.55E-07	1	1379.754	0.62	Head	2R:-:38775080-38775039	exon=> In CDS Exon 2 of transcript AGAP003507-PA
JHU_Ag_107132	LGEAPATPLANPTKDEPSTSR	AGAP003507-PA	-	69	1.73E-06	1	2152.094	2.9	Malpighian tubule	2R:-:38775080-38775018	exon=> In CDS Exon 2 of transcript AGAP003507-PA
JHU_Ag_3466	GAAGGAVGGDGGDDENDK	AGAP003509-PA	N16(Deamidated)	138	6.67E-14	1	1561.641	3.33	Head	2R:-:38922422-38922476,38833273-38833399	exon=> In CDS Exon 3 and 1 of transcript AGAP003509-PA
JHU_Ag_1497	TPEELAAEAEQEDLDDFTK	AGAP003509-PA,AGAP003509-PD,AGAP003509-PE,AGAP003509-PB	-	150	1.11E-14	1	2150.963	0.99	Head	2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284	exon=> In CDS Exon 5 and 4 of transcript AGAP003509-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003509-PD;exon=> In CDS Exon 4 and 3 of transcript AGAP003509-PE;exon=> In CDS Exon 5 and 4 of transcript AGAP003509-PB
JHU_Ag_30754	EEIVEQAPQEEPNPLMR	AGAP003509-PA,AGAP003509-PD,AGAP003509-PE,AGAP003509-PB	M16(Oxidation)	98	2.08E-09	1	2024.963	1.6	Head	2R:-:38813524-38813474;2R:-:38813524-38813474;2R:-:38813524-38813474	exon=> In CDS Exon 4 of transcript AGAP003509-PA;exon=> In CDS Exon 3 of transcript AGAP003509-PD;exon=> In CDS Exon 3 of transcript AGAP003509-PE;exon=> In CDS Exon 4 of transcript AGAP003509-PB
JHU_Ag_31612	KEEIVEQAPQEEPNPLMR	AGAP003509-PA,AGAP003509-PD,AGAP003509-PE,AGAP003509-PB	M17(Oxidation)	68	3.13E-06	1	2153.057	1.19	Head	2R:-:38813527-38813474;2R:-:38813527-38813474;2R:-:38813527-38813474	exon=> In CDS Exon 4 of transcript AGAP003509-PA;exon=> In CDS Exon 3 of transcript AGAP003509-PD;exon=> In CDS Exon 3 of transcript AGAP003509-PE;exon=> In CDS Exon 4 of transcript AGAP003509-PB

JHU_Ag_65725	TPEELAAEAEQEDLDDFTK	AGAP003509-PA,AGAP003509-PD,AGAP003509-PE,AGAP003509-PB	-	86	2.91E-08	2	2150.962	0.2	Visceras	2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284;2R:-:38813464-38813542,38808212-38808284	exon=> In CDS Exon 5 and 4 of transcript AGAP003509-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003509-PD;exon=> In CDS Exon 4 and 3 of transcript AGAP003509-PE;exon=> In CDS Exon 5 and 4 of transcript AGAP003509-PB
JHU_Ag_94541	KTPEELAAEAEQEDLDDFTK	AGAP003509-PA,AGAP003509-PD,AGAP003509-PE,AGAP003509-PB	-	153	6.73E-15	1	2279.066	4.09	Head	2R:-:38813467-38813542,38808212-38808284;2R:-:38813467-38813542,38808212-38808284;2R:-:38813467-38813542,38808212-38808284;2R:-:38813467-38813542,38808212-38808284	exon=> In CDS Exon 5 and 4 of transcript AGAP003509-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003509-PD;exon=> In CDS Exon 4 and 3 of transcript AGAP003509-PE;exon=> In CDS Exon 5 and 4 of transcript AGAP003509-PB
JHU_Ag_105228	NSIETQVNEIK	AGAP003509-PA,AGAP003509-PD,AGAP003509-PE,AGAP003509-PB	-	77	4.30E-07	1	1274.658	-0.27	Head	2R:-:38808277-38808245;2R:-:38808277-38808245;2R:-:38808277-38808245;2R:-:38808277-38808245	exon=> In CDS Exon 5 of transcript AGAP003509-PA;exon=> In CDS Exon 4 of transcript AGAP003509-PD;exon=> In CDS Exon 4 of transcript AGAP003509-PE;exon=> In CDS Exon 5 of transcript AGAP003509-PB
JHU_Ag_97282	GAVGGDGGDDENDK	AGAP003509-PE	-	131	1.31E-13	1	1305.520	0.89	Head	2R:-:38922422-38922476,38833273-38833399	exon=> In CDS Exon 2 and 1 of transcript AGAP003509-PE
JHU_Ag_22468	GYAQDYYLDAK	AGAP003513-PA	-	74	3.67E-07	2	1306.594	-0.94	Pupa	2R:-:39042927-39042895	exon=> In CDS Exon 6 of transcript AGAP003513-PA
JHU_Ag_35452	IGDLSELHHGVSGSVYAVDAR	AGAP003513-PB,AGAP003513-PA	-	116	3.63E-11	1	2182.089	0.13	Pupa	2R:-:39046430-39046368;2R:-:39046430-39046368	exon=> In CDS Exon 2 of transcript AGAP003513-PB;exon=> In CDS Exon 2 of transcript AGAP003513-PA
JHU_Ag_37811	IPDQINVPPSLK	AGAP003513-PB,AGAP003513-PA	-	60	3.49E-06	1	1320.753	0.46	Pupa	2R:-:39045372-39045337;2R:-:39045372-39045337	exon=> In CDS Exon 4 of transcript AGAP003513-PB;exon=> In CDS Exon 4 of transcript AGAP003513-PA
JHU_Ag_49392	NDLDFPRPTK	AGAP003513-PB,AGAP003513-PA	-	40	0.00168396	1	1202.616	-0.79	Pupa	2R:-:39045942-39045913;2R:-:39045942-39045913	exon=> In CDS Exon 3 of transcript AGAP003513-PB;exon=> In CDS Exon 3 of transcript AGAP003513-PA
JHU_Ag_61398	IPDQINVPPSLK	AGAP003513-PB,AGAP003513-PA	-	41	0.00028848	1	1320.756	3.05	Larva	2R:-:39045372-39045337;2R:-:39045372-39045337	exon=> In CDS Exon 4 of transcript AGAP003513-PB;exon=> In CDS Exon 4 of transcript AGAP003513-PA

JHU_Ag_114622	NFNYDGEGPAAYFYVGNTR	AGAP003513-PB,AGAP003513-PA	-	89	9.85E-09	2	2154.952	0.15	Pupa	2R:-:39046352-39046480,39045807-39046126;2R:-:39046352-39046480,39045807-39046126	exon=> In CDS Exon 3 and 2 of transcript AGAP003513-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP003513-PA
JHU_Ag_51773	LYNTCPVFGPK	AGAP003515-PA	C5(Carbamidomethyl)	37	0.002866506	1	1295.645	0.09	Male reproductive organs	2R:-:39064760-39064728	exon=> In CDS Exon 1 of transcript AGAP003515-PA
JHU_Ag_53890	ALDNQMFVALVSPAR	AGAP003515-PA	M6(Oxidation)	70	1.49E-06	1	1647.855	1.6	Male reproductive organs	2R:-:39064451-39064407	exon=> In CDS Exon 1 of transcript AGAP003515-PA
JHU_Ag_3860	ATAQIRPFAVAAVLR	AGAP003517-PA	-	75	9.34E-08	1	1583.937	-0.48	Ovary	2R:-:39072519-39072475	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_14852	GAAPQKLIVTK	AGAP003517-PA	-	27	0.003685394	1	1125.701	1.7	Malpighian tubule	2R:-:39072552-39072520	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_17607	ATAQIRPFAVAAVLR	AGAP003517-PA	-	82	1.80E-08	1	1583.938	0.1	Male reproductive organs	2R:-:39072519-39072475	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_20940	MNAQIDQIPAVHIANPK	AGAP003517-PA	M1(Oxidation)	37	0.002649837	1	1875.975	0	Midgut	2R:-:39071583-39071533	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_25649	DSPVYPVIYDANGVVLSLPPIINGDHSK	AGAP003517-PA	-	34	0.004197622	1	2979.548	0.62	Ovary	2R:-:39072210-39072127	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_26146	TAGFEVVHGLLDR	AGAP003517-PA	-	63	4.81E-06	1	1413.749	0.62	Ovary	2R:-:39071349-39071311	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_28133	TAGFEVVHGLLDR	AGAP003517-PA	-	30	0.010998194	1	1413.747	-1.14	Midgut	2R:-:39071349-39071311	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_29586	ATAQIRPFAVAAVLR	AGAP003517-PA	-	74	1.10E-07	1	1583.938	-0.25	Salivary gland	2R:-:39072519-39072475	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_30171	DASEEIIYR	AGAP003517-PA	-	60	1.50E-05	2	1095.530	-1.39	Male reproductive organs	2R:-:39072769-39072743	exon=> In CDS Exon 2 of transcript AGAP003517-PA
JHU_Ag_32676	VMQLLEVPWDR	AGAP003517-PA	M2(Oxidation)	54	5.05E-05	2	1385.726	0.7	Ovary	2R:-:39071310-39071278	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_33864	LFEVSDVVLADSK	AGAP003517-PA	-	56	3.08E-05	2	1421.754	1.33	Head	2R:-:39071442-39071404	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_34260	NVFIECTATDLTK	AGAP003517-PA	C6(Carbamidomethyl)	87	2.82E-08	1	1511.741	-0.29	Ovary	2R:-:39072108-39072070	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_44795	TLVAIGTHDLDKLQGPFTFDAKPPK	AGAP003517-PA	-	88	7.85E-09	1	2709.462	0.24	Ovary	2R:-:39072393-39072319	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_47750	NVFIECTATDLTKAR	AGAP003517-PA	C6(Carbamidomethyl)	66	4.47E-06	1	1738.887	4.28	Malpighian tubule	2R:-:39072108-39072064	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_47924	DASEEIIYR	AGAP003517-PA	-	67	2.88E-06	2	1095.532	-0.16	Malpighian tubule	2R:-:39072769-39072743	exon=> In CDS Exon 2 of transcript AGAP003517-PA
JHU_Ag_47943	NVFIECTATDLTK	AGAP003517-PA	C6(Carbamidomethyl)	65	4.26E-06	2	1511.743	1.08	Malpighian tubule	2R:-:39072108-39072070	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_48560	TLEFQVVR	AGAP003517-PA	-	43	0.000515739	2	991.557	0.21	Male reproductive organs	2R:-:39071532-39071509	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_50811	DITFTK	AGAP003517-PA	-	43	0.000325954	1	724.389	1.3	Ovary	2R:-:39072474-39072457	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_59226	TAGFEVVHGLLDR	AGAP003517-PA	-	45	0.000348819	1	1413.752	2.36	Malpighian tubule	2R:-:39071349-39071311	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_59678	ETISVAETNAYIGLNESAEK	AGAP003517-PA	-	87	3.78E-08	2	2139.048	1.11	Ovary	2R:-:39071937-39071878	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_62801	TLEFQVVR	AGAP003517-PA	-	60	1.07E-05	1	991.560	2.67	Malpighian tubule	2R:-:39071532-39071509	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_70449	DASEEIIYR	AGAP003517-PA	-	42	0.000862611	2	1095.532	-0.05	Ovary	2R:-:39072769-39072743	exon=> In CDS Exon 2 of transcript AGAP003517-PA
JHU_Ag_74029	AMTGEELMEFYSTHAQLK	AGAP003517-PA	-	31	0.008287618	1	2085.961	-0.47	Ovary	2R:-:39072285-39072232	exon=> In CDS Exon 3 of transcript AGAP003517-PA

JHU_Ag_74237	MNAQIDQIPAVHIANPK	AGAP003517-PA	-	71	9.01E-07	1	1859.986	3.6	Malpighian tubule	2R:-:39071583-39071533	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_77668	DSPVYPVIYDANGVVLSLPPIINGDHSK	AGAP003517-PA	-	59	1.04E-05	1	2979.563	5.6	Head	2R:-:39072210-39072127	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_77973	TYLPIIR	AGAP003517-PA	-	42	0.000162009	2	875.537	2.81	Malpighian tubule	2R:-:39072231-39072211	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_85426	NVFIECTATDLTK	AGAP003517-PA	C6(Carbamidomethyl)	96	3.54E-09	1	1511.739	-1.1	Male reproductive organs	2R:-:39072108-39072070	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_86139	TLVAIGTHDLDKLQGPFTFDAKPPK	AGAP003517-PA	-	44	0.000161515	1	2709.469	3.03	Malpighian tubule	2R:-:39072393-39072319	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_90103	TTLIPGLLK	AGAP003517-PA	-	40	0.000156074	2	955.620	1.61	Salivary gland	2R:-:39071508-39071482	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_91775	ATAQIRPFAVAAVLRDITFTK	AGAP003517-PA	-	84	6.75E-09	1	2289.315	3.04	Malpighian tubule	2R:-:39072519-39072457	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_91898	TAGFEVVHGLLDR	AGAP003517-PA	-	83	5.78E-08	1	1413.749	0.27	Male reproductive organs	2R:-:39071349-39071311	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_93559	TAGFEVVHGLLDR	AGAP003517-PA	-	52	6.70E-05	2	1413.750	1.22	Salivary gland	2R:-:39071349-39071311	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_97600	QTAPDTLEVEVPPTR	AGAP003517-PA	-	59	1.79E-05	2	1652.851	0.87	Ovary	2R:-:39071841-39071797	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_98359	VMQLLEVPWDR	AGAP003517-PA	M2(Oxidation)	63	8.84E-06	2	1401.723	2.58	Salivary gland	2R:-:39071310-39071278	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_99964	TAGFEVVHGLLDR	AGAP003517-PA	-	47	0.000221438	1	1413.751	2	Head	2R:-:39071349-39071311	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_100649	ATAQIRPFAVAAVLR	AGAP003517-PA	-	49	2.86E-05	1	1583.944	3.81	Malpighian tubule	2R:-:39072519-39072475	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_100945	TTLIPGLLK	AGAP003517-PA	-	42	9.25E-05	2	955.622	3.07	Malpighian tubule	2R:-:39071508-39071482	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_103136	MNAQIDQIPAVHIANPK	AGAP003517-PA	-	77	2.22E-07	1	1859.980	0.06	Ovary	2R:-:39071583-39071533	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_105283	LFEVSDVVLADSK	AGAP003517-PA	-	95	3.82E-09	2	1421.759	4.5	Ovary	2R:-:39071442-39071404	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_106341	LFEVSDVVLADSK	AGAP003517-PA	-	96	3.28E-09	2	1421.752	-0.56	Male reproductive organs	2R:-:39071442-39071404	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_107601	TLVAIGTHDLDK	AGAP003517-PA	-	40	0.000791506	2	1282.705	3.55	Malpighian tubule	2R:-:39072393-39072358	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_113738	TYLPIIR	AGAP003517-PA	-	42	0.000201557	2	875.535	-0.4	Male reproductive organs	2R:-:39072231-39072211	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_114575	LFEVSDVVLADSKSEVGAK	AGAP003517-PA	-	31	0.00732526	1	1993.049	0.03	Ovary	2R:-:39071442-39071386	exon=> In CDS Exon 3 of transcript AGAP003517-PA
JHU_Ag_24967	LLPTK	AGAP003517-PA,AGAP003024-PB	-	27	0.002656856	1	571.381	-0.2	Ovary	2R:-:39071856-39071842;2R:+:31231303-31231317	exon=> In CDS Exon 3 of transcript AGAP003517-PA;exon=> In CDS Exon 2 of transcript AGAP003024-PB
JHU_Ag_10703	LPRAIGTER	AGAP003519-PA	-	39	0.000798325	1	1012.578	-11.42	Midgut	2R:+:39102067-39102093	exon=> In CDS Exon 20 of transcript AGAP003519-PA
JHU_Ag_37690	HTTNNDHTPLSLACTGGHQNVVELLLK	AGAP003519-PA	C14(Carbamidomethyl)	31	0.008941577	1	2969.503	4.36	Ovary	2R:+:39089804-39089884	exon=> In CDS Exon 9 of transcript AGAP003519-PA
JHU_Ag_49805	FLLENDDDTDHERDEAAHALTR	AGAP003519-PA	-	51	0.000109558	1	2583.186	6.07	Ovary	2R:+:39087552-39087591,39087699-39087724	exon=> In CDS Exon 4 and 5 of transcript AGAP003519-PA
JHU_Ag_90543	DPDVDILTMLPK	AGAP003519-PA	M9(Oxidation)	72	9.70E-07	2	1372.707	3.2	Head	2R:+:39098451-39098486	exon=> In CDS Exon 17 of transcript AGAP003519-PA
JHU_Ag_5948	EELDALREEFDHHQAK	AGAP003521-PA	-	75	5.38E-07	1	1966.941	7.77	Ovary	2R:-:39107738-39107691	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_6564	LNLVWTK	AGAP003521-PA	-	45	0.00032563	2	873.521	1.99	Ovary	2R:-:39108170-39108150	exon=> In CDS Exon 1 of transcript AGAP003521-PA

JHU_Ag_10555	HANALPDSEIYEPDFRNIQRPFR	AGAP003521-PA	-	85	4.95E-08	1	2785.387	2.34	Malpighian tubule	2R:-:39108248-39108180	exon=> In CDS Exon 1 of transcript AGAP003521-PA
JHU_Ag_25541	IDVYYSLLER	AGAP003521-PA	-	55	4.35E-05	2	1270.667	-0.42	Male reproductive organs	2R:-:39107690-39107661	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_26707	VALASDFSADELASLK	AGAP003521-PA	-	128	2.18E-12	2	1636.843	-0.22	Ovary	2R:-:39107363-39107316	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_44399	LGDDDDGGAAGQGSR	AGAP003521-PA	-	61	3.06E-06	2	1390.585	1.07	Head	2R:-:39107660-39107616	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_56383	VALASDFSADELASLKVELLHYESR	AGAP003521-PA	-	35	0.003543304	1	2763.423	0.97	Ovary	2R:-:39107363-39107289	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_57280	EELDALREEFDHHQAK	AGAP003521-PA	-	41	0.001226763	1	1966.933	3.67	Malpighian tubule	2R:-:39107738-39107691	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_63429	HANALPDSEIYEPDFR	AGAP003521-PA	-	50	0.00014714	1	1873.877	3.08	Ovary	2R:-:39108248-39108201	exon=> In CDS Exon 1 of transcript AGAP003521-PA
JHU_Ag_76205	IDVYYSLLER	AGAP003521-PA	-	49	0.000179392	2	1270.671	2.66	Pupa	2R:-:39107690-39107661	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_77708	IDVYYSLLER	AGAP003521-PA	-	65	3.60E-06	2	1270.673	4	Ovary	2R:-:39107690-39107661	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_89051	LHDKEELTYK	AGAP003521-PA	-	57	3.27E-05	1	1275.653	-3.67	Ovary	2R:-:39108011-39107982	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_101881	DDDALLNAVNDEEHDRYNEVDR	AGAP003521-PA	-	128	1.30E-12	1	2617.139	-0.36	Head	2R:-:39107612-39107547	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_112576	LVSIMSTYGLLEHFDDTQDPEK	AGAP003521-PA	M5(Oxidation)	44	0.000589876	1	2554.203	0.58	Ovary	2R:-:39107927-39107862	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_113817	VELLHYESR	AGAP003521-PA	-	49	0.000201451	2	1145.595	-0.07	Ovary	2R:-:39107315-39107289	exon=> In CDS Exon 2 of transcript AGAP003521-PA
JHU_Ag_115326	HANALPDSEIYEPDFR	AGAP003521-PA	-	48	0.000269677	2	1873.872	0.35	Head	2R:-:39108248-39108201	exon=> In CDS Exon 1 of transcript AGAP003521-PA
JHU_Ag_27709	ATLVALLQR	AGAP003522-PA	-	69	4.99E-07	2	984.619	-0.86	Salivary gland	2R:+:39115628-39115654	exon=> In CDS Exon 2 of transcript AGAP003522-PA
JHU_Ag_62179	TPEPLQLIESASSLEAR	AGAP003522-PA	Q6(Deamidated)	89	1.38E-08	1	1840.966	0.44	Midgut	2R:+:39115679-39115729	exon=> In CDS Exon 2 of transcript AGAP003522-PA
JHU_Ag_9016	KGGSVGGGGTGTASGNSCTK	AGAP003526-PA	N16(Deamidated), C18(Carbamidomethyl)	34	0.005852397	1	1740.808	14.95	Malpighian tubule	2R:-:39142902-39142843	exon=> In CDS Exon 1 of transcript AGAP003526-PA
JHU_Ag_1097	LVAESVNGR	AGAP003532-PA	-	53	0.000109173	2	944.518	2.02	Malpighian tubule	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_1908	TCYAQHSQIKNIR	AGAP003532-PA	C2(Carbamidomethyl)	89	2.23E-08	1	1618.815	1.85	Malpighian tubule	2R:-:39214181-39214143	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_2185	ACQVVYPLHDVYIRK	AGAP003532-PA	C2(Carbamidomethyl)	52	7.29E-05	1	1860.981	1.32	Ovary	2R:-:39214040-39213996	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_2644	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	104	6.97E-10	1	1662.820	2.83	Malpighian tubule	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_2790	VFCIGFTIK	AGAP003532-PA	C3(Carbamidomethyl)	40	0.000907828	1	1084.587	0.53	Head	2R:-:39214229-39214203	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_11230	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	57	2.64E-05	2	1678.783	5.53	Larva	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_11730	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	96	3.90E-09	1	1732.891	4.1	Salivary gland	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_11773	EITSTDLK	AGAP003532-PA	-	43	0.000709626	2	906.478	0.2	Salivary gland	2R:-:39214115-39214092	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_13556	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	62	1.03E-05	2	1732.887	1.96	Pupa	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_13682	TCYAQHSQIK	AGAP003532-PA	C2(Carbamidomethyl)	54	5.71E-05	1	1235.583	-0.47	Head	2R:-:39214181-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_14137	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	83	6.63E-08	1	1662.780	0.54	Salivary gland	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA

JHU_Ag_14214	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	111	1.01E-10	1	1662.778	-0.56	Visceras	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_15244	TCYAQHSQIK	AGAP003532-PA	C2(Carbamidomethyl)	59	1.90E-05	1	1235.586	2.1	Ovary	2R:-:39214181-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_18609	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	108	2.72E-10	1	1732.898	8.09	Larva	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_20175	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	101	1.25E-09	1	1678.814	1.97	Pupa	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_20846	VFEVSLADLQNEPDAER	AGAP003532-PA	-	105	6.44E-10	1	1931.942	3.92	Larva	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_23189	TTDGFMLR	AGAP003532-PA	M6(Oxidation)	54	3.63E-05	2	956.451	0.22	Male reproductive organs	2R:-:39214253-39214230	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_25581	TTDGFMLR	AGAP003532-PA	M6(Oxidation)	51	6.61E-05	2	956.453	2.32	Larva	2R:-:39214253-39214230	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_26037	VFEVSLADLQNEPDAER	AGAP003532-PA	-	111	1.41E-10	1	1931.936	0.89	Male reproductive organs	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_26386	VFEVSLADLQNEPDAER	AGAP003532-PA	-	108	3.35E-10	1	1931.940	2.93	Salivary gland	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_27311	DWYDVK	AGAP003532-PA	-	36	0.001499069	1	825.378	0.19	Head	2R:-:39214798-39214781	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_28380	DVLTNFHGMALTTDKLR	AGAP003532-PA	M9(Oxidation)	39	0.001980851	2	1947.998	1.2	Larva	2R:-:39214591-39214882,39213996-39214305	exon=> In CDS Exon 2 and 1 of transcript AGAP003532-PA
JHU_Ag_30221	DWYDVK	AGAP003532-PA	-	40	0.000614316	1	825.380	2.11	Salivary gland	2R:-:39214798-39214781	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_30281	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	96	3.84E-09	1	1732.887	1.53	Midgut	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_30311	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	107	2.85E-10	1	1678.804	-3.99	Midgut	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_30967	KWQTLIECSVDVK	AGAP003532-PA	C8(Carbamidomethyl)	91	1.45E-08	1	1605.827	-1.95	Midgut	2R:-:39214292-39214254	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_32310	LVAESVNGR	AGAP003532-PA	N7(Deamidated)	57	4.05E-05	2	944.519	2.99	Larva	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_32730	KVVDPFTR	AGAP003532-PA	-	41	0.000644909	1	961.547	0.03	Male reproductive organs	2R:-:39214825-39214802	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_33718	KVVDPFTR	AGAP003532-PA	-	46	0.000273145	2	961.545	-1.62	Visceras	2R:-:39214825-39214802	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_34985	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	78	2.13E-07	1	1678.779	2.92	Head	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_36359	TTDGFMLR	AGAP003532-PA	M6(Oxidation)	59	1.37E-05	2	940.456	0.07	Midgut	2R:-:39214253-39214230	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_37184	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	119	1.73E-11	1	1732.886	1.39	Head	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_37613	LVAESVNGR	AGAP003532-PA	-	43	0.000927469	1	944.515	-1.53	Head	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_38209	REITSTDLK	AGAP003532-PA	-	46	0.000365034	2	1062.576	-2.97	Head	2R:-:39214118-39214092	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_39776	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	121	1.06E-11	1	1662.786	4.22	Malpighian tubule	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_39925	VFCIGFTIK	AGAP003532-PA	C3(Carbamidomethyl)	57	2.06E-05	1	1084.585	-1.15	Ovary	2R:-:39214229-39214203	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_40353	VFEVSLADLQNEPDAER	AGAP003532-PA	-	109	2.26E-10	1	1931.936	0.64	Head	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_40642	VFEVSLADLQNEPDAERSFR	AGAP003532-PA	-	100	1.77E-09	1	2322.144	3.48	Malpighian tubule	2R:-:39214687-39214628	exon=> In CDS Exon 1 of transcript AGAP003532-PA

JHU_Ag_41006	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	116	4.93E-11	1	1662.817	0.92	Salivary gland	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_41550	TCYAQHSQIK	AGAP003532-PA	C2(Carbamidomethyl)	51	0.000112795	1	1235.585	1.01	Malpighian tubule	2R:-:39214181-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_42076	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	100	1.48E-09	1	1732.885	0.55	Male reproductive organs	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_42117	TLVNRTQGTK	AGAP003532-PA	-	62	5.77E-06	1	1117.635	2.23	Malpighian tubule	2R:-:39214744-39214715	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_43025	AAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	-	61	1.12E-05	2	2742.359	0.26	Head	2R:-:39213788-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_43075	AAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	-	131	1.24E-12	1	2742.357	-0.37	Salivary gland	2R:-:39213788-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_43247	EITSTDLK	AGAP003532-PA	-	40	0.001419153	1	906.478	-0.12	Midgut	2R:-:39214115-39214092	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_43851	TCYAQHSQIK	AGAP003532-PA	C2(Carbamidomethyl)	68	2.38E-06	1	1235.582	-1.16	Midgut	2R:-:39214181-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_46404	AAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	-	59	2.15E-05	2	2742.359	0.26	Visceras	2R:-:39213788-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_46603	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	102	9.39E-10	1	1732.890	3.37	Malpighian tubule	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_46864	FKLVAESVNGR	AGAP003532-PA	-	47	0.000175989	1	1219.683	2.67	Malpighian tubule	2R:-:39214624-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_47633	DVLTNFHGMALTTDKLR	AGAP003532-PA	M9(Oxidation)	135	4.38E-13	1	1932.002	0.41	Midgut	2R:-:39214591-39214882,39213996-39214305	exon=> In CDS Exon 2 and 1 of transcript AGAP003532-PA
JHU_Ag_48893	IASDGLKGR	AGAP003532-PA	-	55	4.76E-05	1	916.521	0.06	Malpighian tubule	2R:-:39214714-39214688	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_49308	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	104	6.08E-10	1	1678.811	0.52	Larva	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_49823	DWYDVK	AGAP003532-PA	-	31	0.004941741	2	825.379	1.36	Malpighian tubule	2R:-:39214798-39214781	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_50337	VFCIGFTIK	AGAP003532-PA	C3(Carbamidomethyl)	45	0.000276332	2	1084.588	1.77	Pupa	2R:-:39214229-39214203	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_51162	IASDGLK	AGAP003532-PA	-	46	0.000439137	1	703.398	-0.9	Midgut	2R:-:39214714-39214694	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_53306	AAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	-	80	1.36E-07	1	2742.371	4.51	Malpighian tubule	2R:-:39213788-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_53334	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	111	9.82E-11	1	1678.774	0.01	Male reproductive organs	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_57118	TTDGFMLR	AGAP003532-PA	-	45	0.000335178	2	940.457	1.11	Malpighian tubule	2R:-:39214253-39214230	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_57385	VVDPFTRK	AGAP003532-PA	-	49	0.000108517	1	961.546	-0.61	Male reproductive organs	2R:-:39214822-39214799	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_57840	TTDGFMLR	AGAP003532-PA	M6(Oxidation)	49	0.000106418	1	956.451	0.09	Ovary	2R:-:39214253-39214230	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_58673	KTCYAQHSQIK	AGAP003532-PA	C3(Carbamidomethyl)	50	0.00019574	2	1363.680	1.19	Salivary gland	2R:-:39214184-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_59403	EITSTDLK	AGAP003532-PA	-	48	0.000289659	2	906.480	1.89	Larva	2R:-:39214115-39214092	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_59503	AAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	-	118	2.62E-11	1	2742.359	0.35	Male reproductive organs	2R:-:39213788-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_60453	LVAESVNGR	AGAP003532-PA	N7(Deamidated)	53	0.000109243	2	945.502	2.21	Salivary gland	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_62343	VVDPFTR	AGAP003532-PA	-	35	0.003314307	2	833.451	-1.07	Pupa	2R:-:39214822-39214802	exon=> In CDS Exon 1 of transcript AGAP003532-PA

JHU_Ag_62744	LVAESVNGRDVLTNFHGMALTTDK	AGAP003532-PA	N7(Deamidated), M18(Oxidation)	43	0.000608809	1	2605.300	2.94	Male reproductive organs	2R:-:39214618-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_63537	DWYDVK	AGAP003532-PA	-	36	0.001537523	1	825.377	-0.47	Midgut	2R:-:39214798-39214781	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_63963	ACQVVYPLHDVYIRK	AGAP003532-PA	C2(Carbamidomethyl)	58	1.92E-05	1	1860.982	1.69	Male reproductive organs	2R:-:39214040-39213996	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_64636	AAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	-	164	6.60E-16	1	2742.358	-0.01	Ovary	2R:-:39213788-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_64777	KWQTLIECSVDVK	AGAP003532-PA	C8(Carbamidomethyl)	89	2.05E-08	1	1605.835	2.84	Malpighian tubule	2R:-:39214292-39214254	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_66670	VFEVSLADLQNEPDAER	AGAP003532-PA	-	128	2.80E-12	1	1931.941	3.48	Malpighian tubule	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_67143	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	112	9.03E-11	1	1678.773	-0.94	Ovary	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_67758	TTDGFMLR	AGAP003532-PA	M6(Oxidation)	56	2.61E-05	2	940.458	2.67	Salivary gland	2R:-:39214253-39214230	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_68391	AAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	-	38	0.0023219	1	2742.359	0.17	Midgut	2R:-:39213788-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_68695	FDLSSLMELHGDGGGKAAEVSTGAASGVVVDRPEGYEPPVQASV	AGAP003532-PA	M7(Oxidation)	81	7.26E-08	1	4402.136	4.84	Malpighian tubule	2R:-:39213836-39213705	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_70739	WQTLIECSVDVK	AGAP003532-PA	C7(Carbamidomethyl)	62	1.03E-05	2	1477.738	1.84	Salivary gland	2R:-:39214289-39214254	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_71463	VFEVSLADLQNEPDAER	AGAP003532-PA	-	122	1.26E-11	2	1931.936	0.95	Midgut	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_71841	KWQTLIECSVDVK	AGAP003532-PA	C8(Carbamidomethyl)	75	3.65E-07	2	1605.841	6.18	Ovary	2R:-:39214292-39214254	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_72077	VFCIGFTIK	AGAP003532-PA	C3(Carbamidomethyl)	41	0.000755825	1	1084.587	0.94	Midgut	2R:-:39214229-39214203	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_73140	DVLTNFHGMALTTDKLR	AGAP003532-PA	M9(Oxidation)	80	1.55E-07	1	1947.996	-0.03	Ovary	2R:-:39214591-39214882,39213996-39214305	exon=> In CDS Exon 2 and 1 of transcript AGAP003532-PA
JHU_Ag_73468	TCYAQHSQIK	AGAP003532-PA	C2(Carbamidomethyl)	68	2.41E-06	1	1235.585	0.62	Male reproductive organs	2R:-:39214181-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_74017	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	125	5.05E-12	1	1678.812	0.96	Male reproductive organs	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_74438	ACQVVYPLHDVYIRK	AGAP003532-PA	C2(Carbamidomethyl)	37	0.002408058	1	1860.980	0.34	Salivary gland	2R:-:39214040-39213996	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_74801	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	117	2.90E-11	1	1662.780	0.25	Midgut	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_75326	LVAESVNGR	AGAP003532-PA	-	52	0.0001024	2	944.515	-1.14	Visceras	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_76356	APNMFK	AGAP003532-PA	M4(Oxidation)	40	0.000867926	2	723.351	1.87	Ovary	2R:-:39214780-39214763	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_77430	KTCYAQHSQIK	AGAP003532-PA	C3(Carbamidomethyl)	70	1.74E-06	2	1363.682	2.71	Male reproductive organs	2R:-:39214184-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_78415	VVDPFTR	AGAP003532-PA	-	35	0.003840543	1	833.452	0.84	Male reproductive organs	2R:-:39214822-39214802	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_84584	KDWYDVK	AGAP003532-PA	-	35	0.002798058	1	953.473	0.04	Midgut	2R:-:39214801-39214781	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_84688	APNMFK	AGAP003532-PA	M4(Oxidation)	38	0.001608282	2	707.355	-0.02	Midgut	2R:-:39214780-39214763	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_85516	EITSTDLKGVVEK	AGAP003532-PA	-	102	5.93E-10	1	1418.778	2.81	Malpighian tubule	2R:-:39214115-39214077	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_87241	DVLTNFHGMALTTDKLR	AGAP003532-PA	M9(Oxidation)	110	1.52E-10	1	1947.995	-0.62	Male reproductive organs	2R:-:39214591-39214882,39213996-39214305	exon=> In CDS Exon 2 and 1 of transcript AGAP003532-PA

JHU_Ag_88931	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl)	87	3.07E-08	1	1732.886	1.35	Visceras	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_88940	VFCIGFTIK	AGAP003532-PA	C3(Carbamidomethyl)	65	2.99E-06	1	1084.585	-1.04	Salivary gland	2R:-:39214229-39214203	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_89881	ACQVVYPLHDVYIR	AGAP003532-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), Q3(Deamidated)"	112	9.74E-11	1	1732.884	0.2	Ovary	2R:-:39214040-39213999	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_91026	TCYAQHSQIK	AGAP003532-PA	C2(Carbamidomethyl)	47	0.000293989	1	1235.586	2.2	Salivary gland	2R:-:39214181-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_91450	KTCYAQHSQIK	AGAP003532-PA	C3(Carbamidomethyl)	36	0.004139742	1	1363.678	-0.7	Midgut	2R:-:39214184-39214152	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_96070	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	86	3.48E-08	1	1678.811	0.52	Ovary	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_100102	LVAESVNGR	AGAP003532-PA	N7(Deamidated)	77	3.85E-07	2	945.499	-0.76	Midgut	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_103963	VFEVSLADLQNEPDAER	AGAP003532-PA	-	117	3.45E-11	2	1931.938	1.84	Pupa	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_106586	EITSTDLK	AGAP003532-PA	-	41	0.001330107	1	906.480	2.84	Malpighian tubule	2R:-:39214115-39214092	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_106851	VFEVSLADLQNEPDAER	AGAP003532-PA	Q10(Deamidated)	130	1.69E-12	1	1931.938	1.51	Ovary	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_107106	FDLSSLMELHGDGGGK	AGAP003532-PA	M7(Oxidation)	111	9.82E-11	2	1678.778	2.48	Pupa	2R:-:39213836-39213789	exon=> In CDS Exon 3 of transcript AGAP003532-PA
JHU_Ag_108295	KVVDPFTR	AGAP003532-PA	-	36	0.002180211	1	961.547	0.03	Ovary	2R:-:39214825-39214802	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_108368	KWQTLIECSVDVK	AGAP003532-PA	C8(Carbamidomethyl)	56	3.89E-05	1	1605.836	3.4	Salivary gland	2R:-:39214292-39214254	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_108491	GRVFEVSLADLQNEPDAER	AGAP003532-PA	-	88	2.38E-08	1	2145.062	2.26	Malpighian tubule	2R:-:39214693-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_108670	LLPDSIAKDIEK	AGAP003532-PA	-	82	4.29E-08	1	1341.766	2.65	Malpighian tubule	2R:-:39214076-39214041	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_109493	LVAESVNGR	AGAP003532-PA	N7(Deamidated)	58	2.92E-05	2	945.499	-1.09	Male reproductive organs	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_109967	VFEVSLADLQNEPDAER	AGAP003532-PA	-	109	2.24E-10	1	1931.935	0.13	Visceras	2R:-:39214687-39214637	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_110880	KWQTLIECSVDVK	AGAP003532-PA	C8(Carbamidomethyl)	69	1.94E-06	2	1605.832	1.01	Male reproductive organs	2R:-:39214292-39214254	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_111119	LVAESVNGR	AGAP003532-PA	N7(Deamidated)	55	6.34E-05	2	945.499	-0.96	Ovary	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_111942	DWYDVK	AGAP003532-PA	-	40	0.000655964	1	825.378	0.71	Male reproductive organs	2R:-:39214798-39214781	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_112699	ACQVVYPLHDVYIRK	AGAP003532-PA	C2(Carbamidomethyl)	89	1.37E-08	1	1860.985	3.2	Malpighian tubule	2R:-:39214040-39213996	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_114391	DVLTNFHGMALTTDK	AGAP003532-PA	M9(Oxidation)	137	2.92E-13	1	1678.814	1.97	Head	2R:-:39214591-39214547	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_115661	DVLTNFHGMALTTDKLR	AGAP003532-PA	M9(Oxidation)	92	8.37E-09	1	1932.005	2.39	Salivary gland	2R:-:39214591-39214882,39213996-39214305	exon=> In CDS Exon 2 and 1 of transcript AGAP003532-PA
JHU_Ag_116140	LVAESVNGR	AGAP003532-PA	N7(Deamidated)	58	2.93E-05	2	945.499	-0.96	Pupa	2R:-:39214618-39214592	exon=> In CDS Exon 1 of transcript AGAP003532-PA
JHU_Ag_117408	TTDGFMLR	AGAP003532-PA	M6(Oxidation)	57	1.67E-05	2	956.450	-0.36	Pupa	2R:-:39214253-39214230	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_117612	MTAIIKR	AGAP003532-PA	M1(Oxidation)	48	0.000101648	2	848.503	0.6	Malpighian tubule	2R:-:39214136-39214116	exon=> In CDS Exon 2 of transcript AGAP003532-PA
JHU_Ag_4416	TSSIILAGLGLAVVGYGGR	AGAP003533-PA	N-Term(Acetyl)	110	4.38E-11	1	1846.044	0.27	Ovary	2R:+:39215190-39215246	exon=> In CDS Exon 2 of transcript AGAP003533-PA

JHU_Ag_34787	EASLILGVSPSASK	AGAP003533-PA	-	61	7.64E-06	2	1358.755	1.86	Head	2R:+:39215382-39215423	exon=> In CDS Exon 2 of transcript AGAP003533-PA
JHU_Ag_85106	QMPNAATK	AGAP003533-PA	N4(Deamidated)	36	0.002888464	2	861.409	-5.77	Head	2R:+:39215259-39215282	exon=> In CDS Exon 2 of transcript AGAP003533-PA
JHU_Ag_96051	IMLLNHPDRGGSPYLAAK	AGAP003533-PA	M2(Oxidation)	49	0.000129669	1	1969.031	-0.56	Malpighian tubule	2R:+:39215526-39215579	exon=> In CDS Exon 3 of transcript AGAP003533-PA
JHU_Ag_108846	EASLILGVSPSASK	AGAP003533-PA	-	68	1.62E-06	2	1358.756	2.58	Malpighian tubule	2R:+:39215382-39215423	exon=> In CDS Exon 2 of transcript AGAP003533-PA
JHU_Ag_113973	DVPFSLIQFPLWEYFK	AGAP003536-PA	-	71	8.73E-07	1	2029.048	0.66	Midgut	2R:-:39218757-39218710	exon=> In CDS Exon 2 of transcript AGAP003536-PA
JHU_Ag_20212	GFGGQTKPIFR	AGAP003538-PA	-	66	2.48E-06	1	1207.660	1.69	Malpighian tubule	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_31021	GFGGQTKPIFR	AGAP003538-PA	-	81	7.51E-08	1	1207.657	-1.04	Midgut	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_44024	GFGGQTKPIFR	AGAP003538-PA	-	69	1.17E-06	1	1207.660	1.49	Head	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_46794	GFGGQTKPIFR	AGAP003538-PA	-	64	3.64E-06	1	1207.657	-1.14	Salivary gland	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_76480	GFGGQTKPIFR	AGAP003538-PA	-	65	2.93E-06	1	1207.657	-1.14	Pupa	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_78204	GFGGQTKPIFR	AGAP003538-PA	-	70	8.94E-07	1	1207.660	1.09	Visceras	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_80028	HFELGGDKK	AGAP003538-PA	-	53	7.45E-05	1	1030.529	-2.73	Head	2R:+:39334625-39334651	exon=> In CDS Exon 3 of transcript AGAP003538-PA
JHU_Ag_84601	HFELGGDK	AGAP003538-PA	-	47	0.000131318	1	902.440	3.79	Ovary	2R:+:39334625-39334648	exon=> In CDS Exon 3 of transcript AGAP003538-PA
JHU_Ag_86016	GFGGQTKPIFR	AGAP003538-PA	-	66	2.39E-06	1	1207.659	0.48	Ovary	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_97059	HFELGGDK	AGAP003538-PA	-	55	2.15E-05	1	902.433	-4.53	Head	2R:+:39334625-39334648	exon=> In CDS Exon 3 of transcript AGAP003538-PA
JHU_Ag_100530	GFGGQTKPIFR	AGAP003538-PA	-	65	2.73E-06	1	1207.659	0.78	Larva	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_109670	HFELGGDK	AGAP003538-PA	-	34	0.003350384	2	902.438	1.28	Larva	2R:+:39334625-39334648	exon=> In CDS Exon 3 of transcript AGAP003538-PA
JHU_Ag_114199	GFGGQTKPIFR	AGAP003538-PA	-	65	3.02E-06	1	1207.658	-0.03	Male reproductive organs	2R:+:39334393-39334425	exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_111953	IALEQELIK	AGAP003540-PA	-	34	0.002571461	1	1056.630	0.17	Malpighian tubule	2R:+:39338038-39338064	exon=> In CDS Exon 3 of transcript AGAP003540-PA
JHU_Ag_10582	ELAELK	AGAP003540-PA,AGAP007777-PA	-	42	0.001103086	1	702.404	1.55	Male reproductive organs	2R:+:39339412-39339429;3R:-:740546-740529	exon=> In CDS Exon 3 of transcript AGAP003540-PA;exon=> In CDS Exon 2 of transcript AGAP007777-PA
JHU_Ag_39430	ELAELK	AGAP003540-PA,AGAP007777-PA	-	43	0.001001404	1	702.406	3.89	Head	2R:+:39339412-39339429;3R:-:740546-740529	exon=> In CDS Exon 3 of transcript AGAP003540-PA;exon=> In CDS Exon 2 of transcript AGAP007777-PA
JHU_Ag_3772	IGYNPASVAFVPISGWHGDNMLEPSDKMPWFK	AGAP003541-PC	M21(Oxidation), M28(Oxidation)	97	2.20E-09	1	3622.722	2.35	Pupa	2R:+:39348951-39349046	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_3991	VETGVLKPGMVVVFAPVNITTEVK	AGAP003541-PC	M10(Oxidation)	33	0.001183617	1	2543.420	1.6	Male reproductive organs	2R:+:39349209-39349233,39349314-39349360	exon=> In CDS Exon 1 and 2 of transcript AGAP003541-PC
JHU_Ag_5760	SGDAAIVNLVPSKPLCVESFQEFPPLGR	AGAP003541-PC	C16(Carbamidomethyl)	146	2.26E-14	1	3027.564	0.92	Head	2R:+:39350520-39350603	exon=> In CDS Exon 3 of transcript AGAP003541-PC
JHU_Ag_9286	TLIEALDNILPPSRPTDK	AGAP003541-PC	-	82	3.24E-08	1	1993.097	0.31	Visceras	2R:+:39349089-39349142	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_9666	SVEMHHEALAEALPGDNVGFNVK	AGAP003541-PC	M4(Oxidation)	115	5.47E-11	1	2480.186	-0.61	Head	2R:+:39349361-39349429	exon=> In CDS Exon 2 of transcript AGAP003541-PC

JHU_Ag_12233	VETGVLKPGMVVVFAPVNITTEVK	AGAP003541-PC	-	82	1.11E-08	1	2527.434	5.47	Visceras	2R:+:39349209-39349233,39349314-39349360	exon=> In CDS Exon 1 and 2 of transcript AGAP003541-PC
JHU_Ag_12976	SGDAAIVNLVPSKPLCVESFQEFPPLGR	AGAP003541-PC	C16(Carbamidomethyl)	41	0.000565836	1	3027.585	7.99	Ovary	2R:+:39350520-39350603	exon=> In CDS Exon 3 of transcript AGAP003541-PC
JHU_Ag_13699	GASDFTAQVIVLNHPGQICNGYTPVLDCHTAHIACK	AGAP003541-PC	C19(Carbamidomethyl), C28(Carbamidomethyl), C35(Carbamidomethyl)	46	0.000255987	1	3964.907	4.56	Visceras	2R:+:39349496-39349519,39350364-39350447	exon=> In CDS Exon 2 and 3 of transcript AGAP003541-PC
JHU_Ag_15028	GASDFTAQVIVLNHPGQICNGYTPVLDCHTAHIACK	AGAP003541-PC	C19(Carbamidomethyl), C28(Carbamidomethyl), C35(Carbamidomethyl)	167	2.38E-16	1	3964.909	5.02	Head	2R:+:39349496-39349519,39350364-39350447	exon=> In CDS Exon 2 and 3 of transcript AGAP003541-PC
JHU_Ag_15793	IGYNPASVAFVPISGWHGDNMLEPSDKMPWFK	AGAP003541-PC	M21(Oxidation), M28(Oxidation)	102	6.78E-10	1	3622.719	1.54	Male reproductive organs	2R:+:39348951-39349046	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_18719	IGYNPASVAFVPISGWHGDNMLEPSDK	AGAP003541-PC	M21(Oxidation)	128	2.27E-12	1	2917.383	-0.02	Pupa	2R:+:39348951-39349031	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_20586	IGYNPASVAFVPISGWHGDNMLEPSDKMPWFK	AGAP003541-PC	M21(Oxidation), M28(Oxidation)	68	1.55E-06	1	3622.727	3.77	Larva	2R:+:39348951-39349046	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_24496	TLIEALDNILPPSRPTDK	AGAP003541-PC	-	70	4.65E-07	1	1993.102	2.88	Midgut	2R:+:39349089-39349142	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_24704	ALRLPLQDVYK	AGAP003541-PC	-	72	2.41E-07	1	1315.772	-1.15	Malpighian tubule	2R:+:39349143-39349175	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_25832	SGDAAIVNLVPSKPLCVESFQEFPPLGR	AGAP003541-PC	C16(Carbamidomethyl)	81	5.96E-08	1	3027.571	3.16	Larva	2R:+:39350520-39350603	exon=> In CDS Exon 3 of transcript AGAP003541-PC
JHU_Ag_27209	TLIEALDNILPPSRPTDK	AGAP003541-PC	-	48	7.05E-05	1	1993.103	3.15	Malpighian tubule	2R:+:39349089-39349142	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_27451	TLIEALDNILPPSRPTDK	AGAP003541-PC	-	82	3.13E-08	1	1993.098	0.53	Male reproductive organs	2R:+:39349089-39349142	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_32856	VETGVLKPGMVVVFAPVNITTEVK	AGAP003541-PC	M10(Oxidation)	65	5.22E-07	1	2527.435	5.86	Pupa	2R:+:39349209-39349233,39349314-39349360	exon=> In CDS Exon 1 and 2 of transcript AGAP003541-PC
JHU_Ag_38729	IGYNPASVAFVPISGWHGDNMLEPSDK	AGAP003541-PC	M21(Oxidation)	148	1.98E-14	1	2901.404	5.44	Head	2R:+:39348951-39349031	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_46177	TLIEALDNILPPSRPTDK	AGAP003541-PC	N8(Deamidated)	115	1.52E-11	1	1993.099	1.32	Pupa	2R:+:39349089-39349142	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_49218	ALRLPLQDVYK	AGAP003541-PC	-	83	1.93E-08	1	1315.774	0.52	Pupa	2R:+:39349143-39349175	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_60459	YEEIKK	AGAP003541-PC	-	33	0.004163882	2	809.437	-3.71	Head	2R:+:39348909-39348926	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_69518	ALRLPLQDVYK	AGAP003541-PC	-	86	7.76E-09	1	1315.773	-0.03	Male reproductive organs	2R:+:39349143-39349175	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_77394	SGDAAIVNLVPSKPLCVESFQEFPPLGR	AGAP003541-PC	C16(Carbamidomethyl)	126	1.97E-12	1	3027.569	2.61	Visceras	2R:+:39350520-39350603	exon=> In CDS Exon 3 of transcript AGAP003541-PC
JHU_Ag_82129	SGDAAIVNLVPSKPLCVESFQEFPPLGR	AGAP003541-PC	C16(Carbamidomethyl)	146	2.15E-14	1	3027.565	1.22	Pupa	2R:+:39350520-39350603	exon=> In CDS Exon 3 of transcript AGAP003541-PC
JHU_Ag_83144	MDSTDPPYHEAR	AGAP003541-PC	M1(Oxidation)	78	8.18E-08	1	1418.601	0.05	Pupa	2R:+:39348873-39348908	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_83715	TLIEALDNILPPSRPTDK	AGAP003541-PC	-	71	3.42E-07	2	1993.103	3.28	Larva	2R:+:39349089-39349142	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_87107	VETGVLKPGMVVVFAPVNITTEVK	AGAP003541-PC	M10(Oxidation)	73	1.23E-07	1	2527.421	0.25	Head	2R:+:39349209-39349233,39349314-39349360	exon=> In CDS Exon 1 and 2 of transcript AGAP003541-PC

JHU_Ag_103878	SGDAAIVNLVPSKPLCVESFQEFPPLGR	AGAP003541-PC	C16(Carbamidomethyl)	63	4.45E-06	1	3027.559	-0.59	Male reproductive organs	2R:+:39350520-39350603	exon=> In CDS Exon 3 of transcript AGAP003541-PC
JHU_Ag_107286	IGYNPASVAFVPISGWHGDNMLEPSDK	AGAP003541-PC	M21(Oxidation)	95	4.23E-09	1	2901.391	1.03	Visceras	2R:+:39348951-39349031	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_107675	MDSTDPPYHEAR	AGAP003541-PC	M1(Oxidation)	83	2.30E-08	1	1418.603	1.51	Head	2R:+:39348873-39348908	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_116015	TLIEALDNILPPSRPTDK	AGAP003541-PC	N8(Deamidated)	112	3.10E-11	1	1993.100	1.69	Head	2R:+:39349089-39349142	exon=> In CDS Exon 1 of transcript AGAP003541-PC
JHU_Ag_171	DMRQTVAVGVIK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation)	72	6.72E-07	1	1332.730	-0.07	Malpighian tubule	2R:+:39350616-39350651;2L:+:46340122-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_810	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	70	1.26E-06	1	1120.599	-0.28	Malpighian tubule	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_2648	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	35	0.002750628	2	825.434	-1.84	Salivary gland	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_3883	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	54	4.43E-05	1	975.549	-2.17	Head	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_5334	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	-	130	8.44E-13	1	1588.885	2.48	Male reproductive organs	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_6439	NGQTREHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	72	3.30E-07	1	1855.029	5.65	Ovary	2R:+:39348798-39348848;2L:+:46339228-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_8387	GYVAGDSK	AGAP003541-PC,AGAP007406-PA	-	48	0.000134007	1	796.385	1.47	Salivary gland	2R:+:39349457-39349480;2L:+:46339807-46339830	exon=> In CDS Exon 2 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_8473	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	57	1.23E-05	2	914.567	-0.45	Head	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_8574	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	49	0.000140064	2	975.551	0.46	Visceras	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_9377	YYVTIIDAPGHRDFIK	AGAP003541-PC,AGAP007406-PA	-	75	3.42E-07	1	1908.000	-0.95	Salivary gland	2R:+:39348663-39348710;2L:+:46339093-46339140	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_11616	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	80	3.63E-08	2	1025.612	1.67	Larva	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_11980	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	78	1.19E-07	1	1298.748	1.27	Midgut	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_15861	TIEKFEK	AGAP003541-PC,AGAP007406-PA	-	39	0.001148557	2	894.494	0.95	Ovary	2R:+:39348522-39348542;2L:+:46338952-46338972	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_16030	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	35	0.003998571	2	825.435	-0.21	Visceras	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_16208	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	77	8.22E-08	2	1025.611	1.08	Head	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_16678	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	83	1.99E-08	2	1025.608	-2.37	Salivary gland	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_17119	YYVTIIDAPGHRDFIK	AGAP003541-PC,AGAP007406-PA	-	59	1.28E-05	1	1908.002	0.46	Midgut	2R:+:39348663-39348710;2L:+:46339093-46339140	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_18538	TIEKFEK	AGAP003541-PC,AGAP007406-PA	-	37	0.001603827	1	894.493	-0.34	Salivary gland	2R:+:39348522-39348542;2L:+:46338952-46338972	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_18931	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	-	72	5.18E-07	1	1588.879	-0.91	Pupa	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_19245	EVSSYIKK	AGAP003541-PC,AGAP007406-PA	-	38	0.00132463	2	953.530	-0.63	Pupa	2R:+:39348927-39348950;2L:+:46339357-46339380	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_20029	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	45	0.000376621	2	825.436	1.41	Ovary	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_20594	YYVTIIDAPGHRDFIK	AGAP003541-PC,AGAP007406-PA	-	53	5.36E-05	1	1908.005	2.09	Malpighian tubule	2R:+:39348663-39348710;2L:+:46339093-46339140	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_21044	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	57	1.21E-05	2	914.567	0.08	Salivary gland	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_21790	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	73	2.11E-07	2	1025.611	0.72	Visceras	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_22728	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	56	1.21E-05	1	870.541	0.21	Pupa	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_23556	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	78	2.04E-07	1	1120.600	0.16	Pupa	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_26155	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	70	1.13E-06	1	1120.603	3.1	Larva	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_26179	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	51	4.98E-05	2	1298.755	6.1	Larva	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_27121	LPLQDVYKIGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	121	1.40E-12	1	1982.149	3.04	Malpighian tubule	2R:+:39349152-39349208;2L:+:46339582-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_27534	YYVTIIDAPGHRDFIK	AGAP003541-PC,AGAP007406-PA	-	95	3.71E-09	1	1908.001	-0.44	Male reproductive organs	2R:+:39348663-39348710;2L:+:46339093-46339140	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_29802	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	54	2.16E-05	1	914.568	1.21	Ovary	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_30153	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	66	3.78E-06	1	1120.599	-1.04	Midgut	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_30436	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	83	1.85E-08	2	1025.611	0.6	Malpighian tubule	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_30681	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	90	6.04E-09	1	1298.748	0.83	Male reproductive organs	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_31444	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	36	0.001961059	3	1298.750	2.24	Visceras	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_32113	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	68	1.99E-06	1	1120.599	-0.49	Ovary	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_32130	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	38	0.00196293	1	825.435	-0.2	Malpighian tubule	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_32195	RGYVAGDSK	AGAP003541-PC,AGAP007406-PA	-	37	0.002552265	1	952.484	-1.26	Male reproductive organs	2R:+:39349454-39349480;2L:+:46339804-46339830	exon=> In CDS Exon 2 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_32233	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	92	4.36E-09	1	1298.751	3.28	Malpighian tubule	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_32379	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	40	0.000558937	1	914.567	-0.17	Male reproductive organs	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_32621	CGGIDKR	AGAP003541-PC,AGAP007406-PA	C1(Carbamidomethyl)	42	0.00120533	2	805.399	0.91	Ovary	2R:+:39348501-39348521;2L:+:46338931-46338951	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_34319	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	42	0.000675935	1	825.437	1.95	Larva	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_35599	NMITGTSQADCAVLIVAAGTGEFEAGISK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation), C11(Carbamidomethyl)	103	7.38E-10	1	2927.420	2.35	Malpighian tubule	2R:+:39348711-39348797;2L:+:46339141-46339227	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_36574	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	62	3.04E-06	1	870.540	-0.56	Midgut	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_36785	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	76	9.14E-08	2	1025.610	-0.47	Midgut	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_38648	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	90	6.33E-09	1	1298.747	0.55	Ovary	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_40578	YYVTIIDAPGHRDFIK	AGAP003541-PC,AGAP007406-PA	-	84	3.78E-08	1	1908.007	2.69	Ovary	2R:+:39348663-39348710;2L:+:46339093-46339140	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_41012	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	53	2.49E-05	1	870.542	1.75	Ovary	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_41394	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	42	0.000264109	1	914.571	4.23	Midgut	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_47172	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	46	0.000161562	1	914.566	-1.52	Pupa	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_47508	TIEKFEK	AGAP003541-PC,AGAP007406-PA	-	43	0.000434668	2	894.493	-0.07	Pupa	2R:+:39348522-39348542;2L:+:46338952-46338972	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_51623	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	N4(Deamidated)	121	6.39E-12	1	1588.886	3.48	Ovary	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_51988	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	53	2.53E-05	2	914.567	0.15	Visceras	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_52771	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	51	9.45E-05	1	975.554	2.59	Larva	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_53755	YYVTIIDAPGHRDFIK	AGAP003541-PC,AGAP007406-PA	-	82	7.52E-08	1	1908.002	0.07	Pupa	2R:+:39348663-39348710;2L:+:46339093-46339140	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_54066	NMITGTSQADCAVLIVAAGTGEFEAGISK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation), C11(Carbamidomethyl)	39	0.001632555	1	2927.415	0.91	Male reproductive organs	2R:+:39348711-39348797;2L:+:46339141-46339227	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_54176	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	49	5.16E-05	1	870.544	3.72	Larva	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_54415	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	89	2.17E-08	1	1404.733	4.28	Larva	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_57766	GYVAGDSK	AGAP003541-PC,AGAP007406-PA	-	52	5.63E-05	1	796.382	-1.38	Ovary	2R:+:39349457-39349480;2L:+:46339807-46339830	exon=> In CDS Exon 2 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_60451	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	39	0.00128205	2	825.435	-0.58	Pupa	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_61751	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	89	2.32E-08	1	1404.728	0.46	Midgut	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_62523	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	42	0.000747072	2	825.438	3.78	Male reproductive organs	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_63565	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	Q4(Deamidated)	55	3.52E-05	2	975.552	0.52	Ovary	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_64276	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	45	0.000135973	1	870.541	-0.07	Head	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_66226	TIEKFEK	AGAP003541-PC,AGAP007406-PA	-	39	0.00101973	2	894.497	4.5	Larva	2R:+:39348522-39348542;2L:+:46338952-46338972	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_66719	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	83	2.22E-08	2	1025.612	1.43	Ovary	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_67026	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	83	7.48E-08	1	1404.726	-0.44	Malpighian tubule	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_67409	RGYVAGDSK	AGAP003541-PC,AGAP007406-PA	-	47	0.000291888	1	952.479	-6.01	Head	2R:+:39349454-39349480;2L:+:46339804-46339830	exon=> In CDS Exon 2 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_67480	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	61	1.14E-05	1	1120.600	0.16	Visceras	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_67709	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	65	4.82E-06	1	1120.600	0.27	Male reproductive organs	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_68005	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	55	4.10E-05	1	975.551	0.21	Salivary gland	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_68839	TIEKFEK	AGAP003541-PC,AGAP007406-PA	-	40	0.001002168	2	894.492	-1.09	Malpighian tubule	2R:+:39348522-39348542;2L:+:46338952-46338972	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_69233	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	82	2.51E-08	2	1025.611	0.36	Male reproductive organs	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_70768	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	83	4.23E-08	1	1298.750	2.15	Pupa	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_73177	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	72	1.10E-06	1	1404.728	0.9	Visceras	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_74051	RGYVAGDSK	AGAP003541-PC,AGAP007406-PA	-	37	0.003110077	1	952.485	0.08	Ovary	2R:+:39349454-39349480;2L:+:46339804-46339830	exon=> In CDS Exon 2 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_74251	YAWVLDKLK	AGAP003541-PC,AGAP007406-PA	-	55	1.39E-05	1	1135.654	2.25	Ovary	2R:+:39348576-39348602;2L:+:46339006-46339032	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_74623	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	-	87	1.55E-08	1	1588.884	2.09	Visceras	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_75681	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	89	2.44E-08	1	1404.731	2.55	Male reproductive organs	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_75733	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	89	2.41E-08	1	1404.728	0.55	Head	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_80047	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	-	106	2.23E-10	1	1588.882	0.7	Salivary gland	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_81262	YAWVLDK	AGAP003541-PC,AGAP007406-PA	-	41	0.001018308	2	894.472	-0.39	Head	2R:+:39348576-39348596;2L:+:46339006-46339026	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_85383	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	32	0.006712818	2	825.435	-0.88	Head	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_86830	GYVAGDSK	AGAP003541-PC,AGAP007406-PA	-	50	8.89E-05	1	796.387	4.08	Malpighian tubule	2R:+:39349457-39349480;2L:+:46339807-46339830	exon=> In CDS Exon 2 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_88361	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	89	8.98E-09	1	1298.751	3.09	Head	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_89519	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	60	0.0000107	1	975.553	2.52	Male reproductive organs	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_90681	NMITGTSQADCAVLIVAAGTGEFEAGISK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	161	1.11E-15	1	2927.408	-1.53	Salivary gland	2R:+:39348711-39348797;2L:+:46339141-46339227	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_91169	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	89	2.28E-08	1	1404.729	1.59	Salivary gland	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_92103	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	65	4.90E-06	1	1120.596	-3.22	Head	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_93150	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	-	59	1.09E-05	1	1588.884	1.97	Larva	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_95993	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	59	6.29E-06	1	870.541	0.14	Male reproductive organs	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_98269	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	-	134	3.28E-13	1	1588.884	2.09	Head	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_98524	NGQTREHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	N1(Deamidated),Q3(Deamidated)	95	1.74E-09	1	1855.024	2.69	Malpighian tubule	2R:+:39348798-39348848;2L:+:46339228-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_98903	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	51	3.77E-05	1	870.542	1.33	Malpighian tubule	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_99737	THINIVVIGHVDSGKSTTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	166	9.31E-17	1	2690.466	1.46	Malpighian tubule	2R:+:39348426-39348500;2L:+:46338856-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_99888	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	55	1.73E-05	1	914.569	2.03	Malpighian tubule	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_99926	QTVAVGVIK	AGAP003541-PC,AGAP007406-PA	-	46	9.72E-05	1	914.571	4.17	Larva	2R:+:39350625-39350651;2L:+:46340131-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_100478	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	60	0.000012 15	1	975.550	-1.29	Pupa	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_100795	TIEKFEK	AGAP003541-PC,AGAP007406-PA	-	41	0.000852 983	1	894.492	-1.16	Male reproductive organs	2R:+:39348522-39348542;2L:+:46338952-46338972	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_100879	DMRQTVAVGVIK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation)	59	1.23E-05	1	1332.732	1.5	Ovary	2R:+:39350616-39350651;2L:+:46340122-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_102261	YAWVLDK	AGAP003541-PC,AGAP007406-PA	-	42	0.000959 134	2	894.472	-0.32	Visceras	2R:+:39348576-39348596;2L:+:46339006-46339026	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_104531	NMITGTSQADCAVLIVAAGTGEFEAGISK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation), C11(Carbamidomethyl)	125	4.59E-12	1	2927.419	2.16	Ovary	2R:+:39348711-39348797;2L:+:46339141-46339227	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_105915	QLIVGVNK	AGAP003541-PC,AGAP007406-PA	-	32	0.003037 057	2	870.541	0.27	Salivary gland	2R:+:39348849-39348872;2L:+:46339279-46339302	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_107913	STTTGHLIYK	AGAP003541-PC,AGAP007406-PA	-	66	3.54E-06	1	1120.601	0.92	Salivary gland	2R:+:39348471-39348500;2L:+:46338901-46338930	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_108958	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	89	2.45E-08	1	1404.728	0.72	Pupa	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_109281	TIEKFEK	AGAP003541-PC,AGAP007406-PA	-	34	0.003222 238	1	894.493	-0.21	Midgut	2R:+:39348522-39348542;2L:+:46338952-46338972	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_110050	EVSSYIKK	AGAP003541-PC,AGAP007406-PA	-	40	0.000756998	2	953.529	-0.82	Malpighian tubule	2R:+:39348927-39348950;2L:+:46339357-46339380	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_110937	NMITGTSQADCAVLIVAAGTGEFEAGISK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation), C11(Carbamidomethyl)	58	2.42E-05	3	2927.411	-0.47	Head	2R:+:39348711-39348797;2L:+:46339141-46339227	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_111028	GYVAGDSK	AGAP003541-PC,AGAP007406-PA	-	39	0.001104404	1	796.385	1.63	Head	2R:+:39349457-39349480;2L:+:46339807-46339830	exon=> In CDS Exon 2 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_112628	THINIVVIGHVDSGK	AGAP003541-PC,AGAP007406-PA	-	121	6.10E-12	1	1588.886	3.48	Malpighian tubule	2R:+:39348426-39348470;2L:+:46338856-46338900	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_114167	IGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	84	1.66E-08	2	1025.610	-0.59	Pupa	2R:+:39349176-39349208;2L:+:46339606-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_114262	YYVTIIDAPGHR	AGAP003541-PC,AGAP007406-PA	-	89	2.42E-08	1	1404.731	2.81	Ovary	2R:+:39348663-39348698;2L:+:46339093-46339128	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_114490	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	54	4.25E-05	1	975.552	1.4	Malpighian tubule	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_115011	LPLQDVYKIGGIGTVPVGR	AGAP003541-PC,AGAP007406-PA	-	79	2.70E-08	1	1982.147	1.93	Ovary	2R:+:39349152-39349208;2L:+:46339582-46339638	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_115345	EVSSYIK	AGAP003541-PC,AGAP007406-PA	-	40	0.001196478	1	825.435	0.03	Midgut	2R:+:39348927-39348947;2L:+:46339357-46339377	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_115362	DMRQTVAVGVIK	AGAP003541-PC,AGAP007406-PA	M2(Oxidation)	59	1.20E-05	2	1332.731	0.12	Male reproductive organs	2R:+:39350616-39350651;2L:+:46340122-46340157	exon=> In CDS Exon 3 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_116447	EHALLAFTLGVK	AGAP003541-PC,AGAP007406-PA	-	93	3.04E-09	1	1298.745	-1.04	Salivary gland	2R:+:39348813-39348848;2L:+:46339243-46339278	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_117357	LPLQDVYK	AGAP003541-PC,AGAP007406-PA	-	60	0.0000107	1	975.552	0.71	Midgut	2R:+:39349152-39349175;2L:+:46339582-46339605	exon=> In CDS Exon 1 of transcript AGAP003541-PC;exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_79520	LFQEWDGSAASIQHLK	AGAP003543-PA	-	35	0.005576955	1	1829.921	1.79	Ovary	2R:+:39358091-39358138	exon=> In CDS Exon 2 of transcript AGAP003543-PA
JHU_Ag_36939	GVIPNK	AGAP003546-PA,AGAP003546-PB,AGAP003546-PC	N5(Deamidated)	27	0.003773583	1	628.367	1.11	Midgut	2R:+:39404836-39404853;2R:+:39404836-39404853;2R:+:39404836-39404853	exon=> In CDS Exon 5 of transcript AGAP003546-PA;exon=> In CDS Exon 5 of transcript AGAP003546-PB;exon=> In CDS Exon 8 of transcript AGAP003546-PC
JHU_Ag_84958	LTLAVLR	AGAP003546-PA,AGAP003546-PB,AGAP003546-PC	-	35	0.000374895	2	785.526	2.27	Malpighian tubule	2R:+:39403909-39403929;2R:+:39403909-39403929;2R:+:39403909-39403929	exon=> In CDS Exon 4 of transcript AGAP003546-PA;exon=> In CDS Exon 4 of transcript AGAP003546-PB;exon=> In CDS Exon 7 of transcript AGAP003546-PC
JHU_Ag_7421	YDGAFSNGVCSGLGVMCFPDGAK	AGAP003547-PA	C10(Carbamidomethyl), M16(Oxidation), C17(Carbamidomethyl)	68	9.02E-07	2	2425.027	0.43	Head	2R:+:39425044-39425091,39425337-39425337	exon=> In CDS Exon 1 and 3 of transcript AGAP003547-PA
JHU_Ag_28962	YIGDWNQR	AGAP003547-PA	-	33	0.007759569	1	1051.495	-0.69	Head	2R:+:39424972-39424995	exon=> In CDS Exon 1 of transcript AGAP003547-PA
JHU_Ag_54647	RCPDVINR	AGAP003547-PA	C2(Carbamidomethyl)	44	0.000381801	2	1029.520	-5.52	Head	2R:+:39425530-39425553	exon=> In CDS Exon 3 of transcript AGAP003547-PA

JHU_Ag_66035	IWGLGLITFSDQSHGFPR	AGAP003547-PA	-	135	4.26E-13	1	2031.044	-0.38	Head	2R:+:39425434-39425487	exon=> In CDS Exon 3 of transcript AGAP003547-PA
JHU_Ag_89713	NEGFFQDCR	AGAP003547-PA	C8(Carbamidomethyl)	61	1.86E-06	1	1172.477	-1.44	Head	2R:+:39425488-39425514	exon=> In CDS Exon 3 of transcript AGAP003547-PA
JHU_Ag_672	EQDPFVQDHLQTLIPLLLK	AGAP003548-PA	-	64	1.39E-06	1	2247.248	4.45	Ovary	2R:-:39426611-39426555	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_3743	AETSLVQLVFK	AGAP003548-PA	-	51	4.69E-05	2	1234.705	0.44	Head	2R:-:39427649-39427617	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_13100	LNVAEFVEELGPALTHTDASVR	AGAP003548-PA	-	79	1.29E-07	1	2368.227	5.37	Ovary	2R:-:39429122-39429057	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_20227	LLCSLFNR	AGAP003548-PA	C3(Carbamidomethyl)	54	3.79E-05	2	1022.545	0.01	Salivary gland	2R:-:39427130-39427107	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_23830	AETSLVQLVFK	AGAP003548-PA	-	46	0.000162327	2	1234.706	1.62	Midgut	2R:-:39427649-39427617	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_34662	YPTFLLLPFK	AGAP003548-PA	-	51	2.24E-05	1	1238.724	4.16	Ovary	2R:-:39426423-39426394	exon=> In CDS Exon 3 of transcript AGAP003548-PA
JHU_Ag_43923	AETSLVQLVFK	AGAP003548-PA	-	54	2.30E-05	2	1234.709	4.09	Male reproductive organs	2R:-:39427649-39427617	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_53187	QSVLLALQKPLDDR	AGAP003548-PA	-	49	3.57E-05	2	1595.921	5.62	Salivary gland	2R:-:39426393-39426352	exon=> In CDS Exon 3 of transcript AGAP003548-PA
JHU_Ag_60177	RLPALR	AGAP003548-PA	-	25	0.002050753	1	725.481	3.57	Larva	2R:-:39427304-39427287	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_76672	YPTFLLLPFK	AGAP003548-PA	-	55	1.18E-05	1	1238.722	2.59	Larva	2R:-:39426423-39426394	exon=> In CDS Exon 3 of transcript AGAP003548-PA
JHU_Ag_88430	LEEHHDELWTALK	AGAP003548-PA	-	53	8.78E-05	1	1620.798	-2.13	Ovary	2R:-:39428372-39428334	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_88699	ILLTATEQPSK	AGAP003548-PA	-	46	0.000212891	2	1200.685	1.56	Salivary gland	2R:-:39427787-39427755	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_94517	VANVLVDALQR	AGAP003548-PA	-	64	2.09E-06	2	1197.697	1.37	Salivary gland	2R:-:39428024-39427992	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_96752	YPTFLLLPFK	AGAP003548-PA	-	64	1.22E-06	1	1238.726	6.13	Salivary gland	2R:-:39426423-39426394	exon=> In CDS Exon 3 of transcript AGAP003548-PA
JHU_Ag_117472	LALETDDER	AGAP003548-PA	-	36	0.003437975	2	1061.513	1.41	Larva	2R:-:39427178-39427152	exon=> In CDS Exon 2 of transcript AGAP003548-PA
JHU_Ag_15890	VSTPQLR	AGAP003550-PA	Q5(Deamidated)	43	0.001117873	2	801.458	14	Salivary gland	2R:-:39444414-39444394	exon=> In CDS Exon 1 of transcript AGAP003550-PA
JHU_Ag_32881	VSTPQLR	AGAP003550-PA	Q5(Deamidated)	38	0.003438036	2	801.455	10.2	Head	2R:-:39444414-39444394	exon=> In CDS Exon 1 of transcript AGAP003550-PA
JHU_Ag_57114	HGENGFVFQHHQELSEQIGR	AGAP003551-PA	N4(Deamidated)	65	4.61E-06	1	2350.101	2	Ovary	2R:+:39448856-39448915	exon=> In CDS Exon 3 of transcript AGAP003551-PA
JHU_Ag_109300	TAQDAAGEDIVECTAFTTK	AGAP003551-PA	C13(Carbamidomethyl)	61	9.55E-06	2	2027.926	1.41	Malpighian tubule	2R:+:39448305-39448361	exon=> In CDS Exon 2 of transcript AGAP003551-PA
JHU_Ag_15954	QAADPQALQAELQDFVHK	AGAP003552-PA	-	74	5.70E-07	1	2009.017	3.94	Ovary	2R:+:39449894-39449947	exon=> In CDS Exon 2 of transcript AGAP003552-PA
JHU_Ag_6150	CFIEEIPDETTVVANYK	AGAP003553-PA	C1(Carbamidomethyl)	73	7.87E-07	1	2027.960	-1.47	Midgut	2R:+:39452224-39452263,39452353-39452363	exon=> In CDS Exon 1 and 2 of transcript AGAP003553-PA
JHU_Ag_8704	QLLDQVDQITK	AGAP003553-PA	-	47	0.000265589	2	1300.712	1.2	Malpighian tubule	2R:+:39452743-39452775	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_15922	EKLTELQLR	AGAP003553-PA	-	43	0.000374529	2	1129.656	-1.15	Midgut	2R:+:39452710-39452736	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_20575	LTELQLR	AGAP003553-PA	-	54	5.59E-05	2	872.519	-0.66	Male reproductive organs	2R:+:39452716-39452736	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_32530	LTELQLR	AGAP003553-PA	-	43	0.000700377	2	872.520	-0.03	Midgut	2R:+:39452716-39452736	exon=> In CDS Exon 3 of transcript AGAP003553-PA

JHU_Ag_35474	EKLTELQLR	AGAP003553-PA	-	64	2.63E-06	1	1129.659	1.33	Malpighian tubule	2R:+:39452710-39452736	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_40468	SGGFMPSSPGIGMHVEIKDPDDK	AGAP003553-PA	M5(Oxidation), M13(Oxidation)	46	0.000268056	1	2433.115	3.59	Larva	2R:+:39452385-39452453	exon=> In CDS Exon 2 of transcript AGAP003553-PA
JHU_Ag_49898	VHLDIQVGEHTIDYANVAQK	AGAP003553-PA	-	97	2.67E-09	1	2250.152	0.48	Salivary gland	2R:+:39452650-39452709	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_54106	QLLDQVDQITK	AGAP003553-PA	-	76	3.22E-07	2	1300.710	-0.3	Midgut	2R:+:39452743-39452775	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_58361	EKLTELQLR	AGAP003553-PA	-	46	0.000208685	2	1129.663	4.68	Larva	2R:+:39452710-39452736	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_72239	QLLDQVDQITK	AGAP003553-PA	-	50	0.000134032	2	1300.711	0.36	Head	2R:+:39452743-39452775	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_78349	EKLTELQLR	AGAP003553-PA	-	55	2.42E-05	2	1129.657	-0.18	Male reproductive organs	2R:+:39452710-39452736	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_84923	LTELQLR	AGAP003553-PA	-	53	7.25E-05	2	872.521	0.67	Salivary gland	2R:+:39452716-39452736	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_92292	QLLDQVDQITK	AGAP003553-PA	-	55	4.54E-05	2	1300.712	1.02	Salivary gland	2R:+:39452743-39452775	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_97184	QLLDQVDQITK	AGAP003553-PA	-	38	0.002267306	2	1300.710	-0.67	Ovary	2R:+:39452743-39452775	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_102177	IRQLLDQVDQITK	AGAP003553-PA	-	52	2.41E-05	2	1569.898	1.54	Salivary gland	2R:+:39452737-39452775	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_105924	SGGFMPSSPGIGMHVEIKDPDDK	AGAP003553-PA	M5(Oxidation), M13(Oxidation)	33	0.004562916	1	2433.099	-2.96	Midgut	2R:+:39452385-39452453	exon=> In CDS Exon 2 of transcript AGAP003553-PA
JHU_Ag_106785	VYSSEGR	AGAP003553-PA	-	42	0.000527421	1	797.379	0.78	Male reproductive organs	2R:+:39452469-39452484,39452558-39452562	exon=> In CDS Exon 2 and 3 of transcript AGAP003553-PA
JHU_Ag_111800	QLLDQVDQITK	AGAP003553-PA	-	45	0.00039484	2	1300.716	4.11	Larva	2R:+:39452743-39452775	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_113278	QLLDQVDQITKEQNYQR	AGAP003553-PA	-	70	1.17E-06	1	2119.085	3.38	Malpighian tubule	2R:+:39452743-39452793	exon=> In CDS Exon 3 of transcript AGAP003553-PA
JHU_Ag_117647	KCFIEEIPDETTVVANYK	AGAP003553-PA	C2(Carbamidomethyl)	69	1.78E-06	1	2156.058	0.14	Midgut	2R:+:39452221-39452263,39452353-39452363	exon=> In CDS Exon 1 and 2 of transcript AGAP003553-PA
JHU_Ag_23856	EGGDELFQLGQR	AGAP003555-PA	-	54	7.85E-05	2	1348.649	-0.11	Midgut	2R:-:39455025-39454990	exon=> In CDS Exon 2 of transcript AGAP003555-PA
JHU_Ag_654	KWTDDLGK	AGAP003556-PA	-	40	0.001908926	2	962.497	2.38	Head	2R:+:39458095-39458118	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_1558	NSAATEYDLTDK	AGAP003556-PA	-	99	1.10E-09	1	1327.602	0.35	Head	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_2049	AYYGVLKK	AGAP003556-PA	-	45	0.00013032	1	941.545	-0.95	Visceras	2R:+:39459472-39459495	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_3831	KVACIGAWHPSR	AGAP003556-PA	C4(Carbamidomethyl)	68	1.88E-06	1	1381.717	0.66	Male reproductive organs	2R:+:39458805-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_7232	LGAGIHTK	AGAP003556-PA	-	52	2.06E-05	2	796.467	-0.41	Malpighian tubule	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_7568	VIAHSQIR	AGAP003556-PA	-	47	9.20E-05	1	923.542	-0.2	Head	2R:+:39458173-39458190,39458559-39458564	exon=> In CDS Exon 3 and 4 of transcript AGAP003556-PA
JHU_Ag_8035	AHIIEIQLNGGSIADK	AGAP003556-PA	N9(Deamidated)	90	6.55E-09	2	1678.923	6.22	Salivary gland	2R:+:39458589-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_8681	AYYGVLK	AGAP003556-PA	-	38	0.001253971	2	813.450	-0.35	Midgut	2R:+:39459472-39459492	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_8694	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	67	2.99E-06	1	1253.621	0.3	Visceras	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA

JHU_Ag_9619	NSAATEYDLTDK	AGAP003556-PA	N1(Deamidated)	110	9.69E-11	2	1327.601	-0.56	Pupa	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_11367	VAFTVAR	AGAP003556-PA	-	60	1.07E-05	2	763.446	-0.54	Salivary gland	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_11855	VIAHSQIR	AGAP003556-PA	-	49	6.30E-05	1	923.540	-2.78	Visceras	2R:+:39458173-39458190,39458559-39458564	exon=> In CDS Exon 3 and 4 of transcript AGAP003556-PA
JHU_Ag_12320	KWTDDLGK	AGAP003556-PA	-	47	0.000271551	2	962.494	-0.41	Pupa	2R:+:39458095-39458118	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_12770	NSAATEYDLTDK	AGAP003556-PA	N1(Deamidated)	95	2.96E-09	2	1327.599	-1.67	Midgut	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_13112	AYYGVLK	AGAP003556-PA	-	35	0.002461996	2	813.450	-0.35	Pupa	2R:+:39459472-39459492	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_13304	FIDTSSK	AGAP003556-PA	-	37	0.001627249	1	797.404	0.31	Malpighian tubule	2R:+:39459412-39459432	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_13418	SLLVHTKR	AGAP003556-PA	-	54	9.13E-06	1	953.589	-0.21	Malpighian tubule	2R:+:39459361-39459384	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_13419	VAFTVAR	AGAP003556-PA	-	59	1.34E-05	2	763.446	-0.7	Pupa	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_14346	VIAHSQIR	AGAP003556-PA	-	51	3.34E-05	1	923.541	-1.26	Ovary	2R:+:39458173-39458190,39458559-39458564	exon=> In CDS Exon 3 and 4 of transcript AGAP003556-PA
JHU_Ag_14568	RSALEQIK	AGAP003556-PA	-	37	0.00299598	2	944.552	-0.11	Midgut	2R:+:39459382-39459405	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_16320	LGAGIHTK	AGAP003556-PA	-	45	0.000107416	2	796.467	-0.57	Midgut	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_16355	SIEDTFKK	AGAP003556-PA	-	45	0.000415798	2	967.509	-0.84	Visceras	2R:+:39458122-39458145	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_17986	AQAAAAAAAAAAKPSA	AGAP003556-PA	-	102	6.71E-10	1	1311.702	0.43	Male reproductive organs	2R:+:39459517-39459564	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_18113	VIAHSQIR	AGAP003556-PA	-	43	0.000210868	1	923.542	-0.66	Salivary gland	2R:+:39458173-39458190,39458559-39458564	exon=> In CDS Exon 3 and 4 of transcript AGAP003556-PA
JHU_Ag_18228	SIEDTFK	AGAP003556-PA	-	38	0.001829754	1	839.414	-0.52	Pupa	2R:+:39458122-39458142	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_19341	SITPMGGFPFYGEINQDFLMIK	AGAP003556-PA	M20(Oxidation),"M5(Oxidation), M20(Oxidation)"	77	3.27E-07	1	2537.208	-0.61	Salivary gland	2R:+:39459250-39459315	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_20222	LKFIDTSSK	AGAP003556-PA	-	41	0.000519626	1	1038.584	0.96	Malpighian tubule	2R:+:39459406-39459432	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_20363	VAFTVAR	AGAP003556-PA	-	62	6.49E-06	2	763.446	-0.46	Visceras	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_20695	NSAATEYDLTDK	AGAP003556-PA	-	77	1.82E-07	1	1327.604	1.7	Male reproductive organs	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_21157	LGAGIHTK	AGAP003556-PA	-	56	8.91E-06	2	796.468	0.58	Ovary	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_22030	SIEDTFKK	AGAP003556-PA	-	54	4.80E-05	1	967.509	-0.91	Pupa	2R:+:39458122-39458145	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_23011	SIEDTFKK	AGAP003556-PA	-	41	0.000775533	1	967.512	2.44	Male reproductive organs	2R:+:39458122-39458145	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_26043	VIAHSQIR	AGAP003556-PA	-	47	8.20E-05	1	923.542	-0.33	Midgut	2R:+:39458173-39458190,39458559-39458564	exon=> In CDS Exon 3 and 4 of transcript AGAP003556-PA
JHU_Ag_27554	SIEDTFKK	AGAP003556-PA	-	46	0.00024207	1	967.511	1.3	Ovary	2R:+:39458122-39458145	exon=> In CDS Exon 3 of transcript AGAP003556-PA

JHU_Ag_27644	AYYGVLKK	AGAP003556-PA	-	40	0.000406 78	2	941.546	0.67	Salivary gland	2R:+:39459472-39459495	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_28208	VAFTVAR	AGAP003556-PA	-	53	3.91E-05	2	763.449	3.29	Larva	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_28844	KVACIGAWHPSR	AGAP003556-PA	C4(Carbamidomethyl)	73	5.80E-07	1	1381.720	2.78	Midgut	2R:+:39458805-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_30256	AYYGVLKK	AGAP003556-PA	-	42	0.000307 618	1	941.546	0.08	Midgut	2R:+:39459472-39459495	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_30508	SIEDTFKK	AGAP003556-PA	-	42	0.000831 538	1	967.509	-0.53	Salivary gland	2R:+:39458122-39458145	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_30684	VAFTVAR	AGAP003556-PA	-	57	2.28E-05	2	763.446	-0.14	Ovary	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_31797	AYYGVLKK	AGAP003556-PA	-	43	0.000223 878	1	941.545	-0.24	Malpighian tubule	2R:+:39459472-39459495	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_34623	NSAATEYDLTDK	AGAP003556-PA	-	72	5.65E-07	2	1327.606	3.3	Larva	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_36154	VAFTVAR	AGAP003556-PA	-	65	2.57E-06	2	763.448	2.81	Malpighian tubule	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_37873	AYYGVLK	AGAP003556-PA	-	30	0.007149 692	1	813.451	0.86	Head	2R:+:39459472-39459492	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_38918	KVACIGAWHPSR	AGAP003556-PA	C4(Carbamidomethyl)	48	0.000210 127	3	1381.716	0.16	Visceras	2R:+:39458805-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_39156	SALEQIKLK	AGAP003556-PA	-	60	3.96E-06	1	1029.630	-0.5	Malpighian tubule	2R:+:39459385-39459411	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_40531	AQAAAAAAAAAAKPSA	AGAP003556-PA	-	102	6.64E-10	1	1311.702	0.43	Malpighian tubule	2R:+:39459517-39459564	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_41775	NSAATEYDLTDK	AGAP003556-PA	-	95	3.29E-09	1	1327.604	2.29	Malpighian tubule	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_42022	SLLVHTK	AGAP003556-PA	-	47	4.77E-05	1	797.485	-4.02	Head	2R:+:39459361-39459381	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_43207	AHIIEIQLNGGSIADKVNWVK	AGAP003556-PA	N9(Deamidated)	101	3.63E-10	1	2306.252	0.84	Midgut	2R:+:39458589-39458651	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_44386	LGAGIHTK	AGAP003556-PA	-	30	0.002520 81	1	796.470	2.9	Male reproductive organs	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_45184	EHLEKPIPVSQVFSQDEMIDCVAVTK	AGAP003556-PA	M18(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	137	2.88E-13	1	3015.471	-3.18	Midgut	2R:+:39458652-39458729	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_45233	KAHIIEIQLNGGSIADK	AGAP003556-PA	N10(Deamidated)	64	2.21E-06	1	1807.996	2.59	Pupa	2R:+:39458586-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_45551	AQAAAAAAAAAAKPSA	AGAP003556-PA	-	89	1.28E-08	1	1311.700	-0.97	Salivary gland	2R:+:39459517-39459564	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_45845	KVACIGAWHPSR	AGAP003556-PA	C4(Carbamidomethyl)	75	3.79E-07	1	1381.717	0.83	Malpighian tubule	2R:+:39458805-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_46299	VAFTVAR	AGAP003556-PA	-	50	9.13E-05	2	763.445	-1.1	Male reproductive organs	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_46403	LGAGIHTK	AGAP003556-PA	-	51	2.46E-05	2	796.466	-2.41	Visceras	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_46856	EHLEKPIPVSQVFSQDEMIDCVAVTK	AGAP003556-PA	M18(Oxidation), C21(Carbamidomethyl)	71	1.05E-06	1	3015.479	-0.33	Male reproductive organs	2R:+:39458652-39458729	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_48244	KAHIIEIQLNGGSIADK	AGAP003556-PA	-	47	9.32E-05	1	1807.011	1.88	Ovary	2R:+:39458586-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_49979	LGAGIHTK	AGAP003556-PA	-	56	6.50E-06	2	796.469	1.2	Salivary gland	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA

JHU_Ag_50067	EHLEKPIPVSQVFSQDEMIDCVAVTK	AGAP003556-PA	M18(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	92	7.93E-09	1	3015.476	-1.54	Visceras	2R:+:39458652-39458729	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_50728	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	85	4.91E-08	1	1253.624	2.38	Ovary	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_52528	RSALEQIK	AGAP003556-PA	-	36	0.003469535	1	944.548	-4.57	Head	2R:+:39459382-39459405	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_54907	SLLVHTK	AGAP003556-PA	-	43	0.000144868	1	797.488	-0.04	Ovary	2R:+:39459361-39459381	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_57922	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	68	2.06E-06	1	1253.621	0.14	Malpighian tubule	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_58867	AHIIEIQLNGGSIADK	AGAP003556-PA	N9(Deamidated)	125	2.67E-12	2	1679.901	2.72	Pupa	2R:+:39458589-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_58938	NSAATEYDLTDK	AGAP003556-PA	-	105	2.73E-10	1	1327.604	2.1	Ovary	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_60882	EHLEKPIPVSQVFSQDEMIDCVAVTK	AGAP003556-PA	M18(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	144	4.97E-14	1	3015.483	0.77	Salivary gland	2R:+:39458652-39458729	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_62689	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	79	1.73E-07	1	1253.620	-0.64	Male reproductive organs	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_63101	AQAAAAAAAAAAKPSA	AGAP003556-PA	-	116	2.17E-11	1	1311.704	1.73	Ovary	2R:+:39459517-39459564	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_67905	AYYGVLK	AGAP003556-PA	-	40	0.000627731	2	813.449	-1.33	Salivary gland	2R:+:39459472-39459492	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_70791	NSAATEYDLTDK	AGAP003556-PA	-	88	1.55E-08	2	1327.604	2.01	Salivary gland	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_71423	KVACIGAWHPSR	AGAP003556-PA	C4(Carbamidomethyl)	86	3.65E-08	2	1381.715	-0.49	Salivary gland	2R:+:39458805-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_72678	LGAGIHTK	AGAP003556-PA	-	53	1.39E-05	2	796.470	3.26	Larva	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_74763	FYKNWHASK	AGAP003556-PA	-	56	3.72E-05	1	1180.589	-0.88	Malpighian tubule	2R:+:39457174-39457187,39458055-39458067	exon=> In CDS Exon 2 and 3 of transcript AGAP003556-PA
JHU_Ag_75099	AHIIEIQLNGGSIADK	AGAP003556-PA	N9(Deamidated)	120	8.30E-12	1	1678.914	0.84	Malpighian tubule	2R:+:39458589-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_75996	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	72	8.06E-07	1	1253.622	1.21	Head	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_77393	SITPMGGFPFYGEINQDFLMIK	AGAP003556-PA	M5(Oxidation), M20(Oxidation)	66	4.67E-06	2	2537.209	-0.07	Midgut	2R:+:39459250-39459315	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_77953	SITPMGGFPFYGEINQDFLMIK	AGAP003556-PA	M5(Oxidation), M20(Oxidation)	118	2.45E-11	1	2537.201	-3.35	Malpighian tubule	2R:+:39459250-39459315	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_80389	SALEQIK	AGAP003556-PA	-	39	0.002783974	1	788.451	-0.31	Head	2R:+:39459385-39459405	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_81364	AHIIEIQLNGGSIADK	AGAP003556-PA	-	148	9.41E-15	2	1678.925	7.31	Head	2R:+:39458589-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_81503	SIEDTFK	AGAP003556-PA	-	37	0.00200135	1	839.417	2.82	Larva	2R:+:39458122-39458142	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_81578	AYYGVLKK	AGAP003556-PA	-	36	0.00116953	1	941.545	-0.95	Pupa	2R:+:39459472-39459495	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_82737	SITPMGGFPFYGEINQDFLMIK	AGAP003556-PA	M5(Oxidation), M20(Oxidation)	127	3.64E-12	1	2537.209	-0.03	Ovary	2R:+:39459250-39459315	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_83645	KVACIGAWHPSR	AGAP003556-PA	C4(Carbamidomethyl)	88	1.96E-08	1	1381.720	2.95	Ovary	2R:+:39458805-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA

JHU_Ag_86555	AYYGVLK	AGAP003556-PA	-	33	0.003608173	1	813.451	0.17	Malpighian tubule	2R:+:39459472-39459492	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_87169	LGAGIHTK	AGAP003556-PA	-	54	1.50E-05	2	796.465	-3.79	Head	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_87270	SIEDTFKK	AGAP003556-PA	-	42	0.000639647	1	967.510	0.8	Larva	2R:+:39458122-39458145	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_88545	VAFTVAR	AGAP003556-PA	-	56	2.40E-05	2	763.446	-0.46	Midgut	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_89854	EHLEKPIPVSQVFSQDEMIDCVAVTK	AGAP003556-PA	M18(Oxidation), C21(Carbamidomethyl)	59	1.83E-05	1	3015.495	5.02	Larva	2R:+:39458652-39458729	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_92184	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	57	2.58E-05	1	1253.626	3.84	Midgut	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_92961	KAHIIEIQLNGGSIADK	AGAP003556-PA	N10(Deamidated)	65	1.67E-06	1	1807.995	1.85	Midgut	2R:+:39458586-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_93328	AYYGVLKK	AGAP003556-PA	-	41	0.000318684	1	941.547	1.38	Ovary	2R:+:39459472-39459495	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_93357	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	56	3.94E-05	1	1253.620	-0.35	Pupa	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_94676	EHLEKPIPVSQVFSQDEMIDCVAVTK	AGAP003556-PA	M18(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	133	5.88E-13	1	2999.499	4.53	Ovary	2R:+:39458652-39458729	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_96126	SLLVHTK	AGAP003556-PA	-	33	0.001250182	2	797.488	-0.34	Midgut	2R:+:39459361-39459381	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_96560	SLLVHTK	AGAP003556-PA	-	43	0.000106422	1	797.487	-1.03	Malpighian tubule	2R:+:39459361-39459381	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_96826	AQAAAAAAAAAAKPSA	AGAP003556-PA	-	79	1.27E-07	1	1311.700	-0.98	Pupa	2R:+:39459517-39459564	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_103566	VAFTVAR	AGAP003556-PA	-	40	0.000726017	2	763.449	3.45	Head	2R:+:39458841-39458861	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_105269	SIEDTFK	AGAP003556-PA	-	36	0.003099724	1	839.416	2.24	Midgut	2R:+:39458122-39458142	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_105553	AHIIEIQLNGGSIADKVNWVK	AGAP003556-PA	-	122	1.80E-12	1	2305.274	3.23	Ovary	2R:+:39458589-39458651	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_105856	SITPMGGFPFYGEINQDFLMIK	AGAP003556-PA	M5(Oxidation), M20(Oxidation)	66	4.41E-06	2	2537.220	4.06	Larva	2R:+:39459250-39459315	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_107076	SIEDTFKK	AGAP003556-PA	-	50	0.00011925	1	967.510	0.42	Malpighian tubule	2R:+:39458122-39458145	exon=> In CDS Exon 3 of transcript AGAP003556-PA
JHU_Ag_107890	AHIIEIQLNGGSIADK	AGAP003556-PA	N9(Deamidated)	117	1.69E-11	1	1679.907	6.57	Larva	2R:+:39458589-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_110046	AQAAAAAAAAAAKPSA	AGAP003556-PA	-	75	2.92E-07	1	1311.703	1.18	Visceras	2R:+:39459517-39459564	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_111051	VITLRK	AGAP003556-PA	-	25	0.004646522	1	729.498	0.06	Malpighian tubule	2R:+:39459343-39459360	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_111094	NSAATEYDLTDK	AGAP003556-PA	-	99	1.12E-09	1	1327.600	-0.84	Visceras	2R:+:39459214-39459249	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_111361	VACIGAWHPSR	AGAP003556-PA	C3(Carbamidomethyl)	75	3.93E-07	1	1253.621	0.43	Salivary gland	2R:+:39458808-39458840	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_112084	LGAGIHTK	AGAP003556-PA	-	31	0.002884483	1	796.468	0.66	Pupa	2R:+:39458916-39458939	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_112754	AHIIEIQLNGGSIADK	AGAP003556-PA	N9(Deamidated)	141	6.49E-14	1	1678.912	-0.4	Ovary	2R:+:39458589-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_114481	AQAAAAAAAAAAKPSA	AGAP003556-PA	-	81	6.85E-08	2	1311.704	1.55	Head	2R:+:39459517-39459564	exon=> In CDS Exon 5 of transcript AGAP003556-PA
JHU_Ag_115953	SLLVHTK	AGAP003556-PA	-	31	0.00167892	2	797.487	-1.41	Visceras	2R:+:39459361-39459381	exon=> In CDS Exon 5 of transcript AGAP003556-PA

JHU_Ag_116464	AHIIEIQLNGGSIADK	AGAP003556-PA	N9(Deamidated)	125	2.85E-12	1	1679.896	0.03	Midgut	2R:+:39458589-39458636	exon=> In CDS Exon 4 of transcript AGAP003556-PA
JHU_Ag_3196	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	112	6.93E-11	1	1775.931	-0.9	Malpighian tubule	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_7469	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	104	5.28E-10	1	1775.929	-2.24	Salivary gland	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_8256	AGMTHIVR	AGAP003556-PB,AGAP003556-PA	M3(Oxidation)	62	4.13E-06	1	884.477	-0.11	Midgut	2R:+:39456715-39456738;2R:+:39456715-39456738	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_13758	ALCNVWAQHLSEECRR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	63	8.31E-06	1	2028.956	3.36	Visceras	2R:+:39457123-39457170;2R:+:39457123-39457170	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_19413	ALCNVWAQHLSEECRR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	54	6.35E-05	1	2028.946	-1.43	Midgut	2R:+:39457123-39457170;2R:+:39457123-39457170	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_19813	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	77	2.02E-07	1	1775.940	4.29	Head	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_22694	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	103	5.55E-10	1	1872.854	3.15	Malpighian tubule	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_25011	ALCNVWAQHLSEECRR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	59	1.79E-05	1	2028.948	-0.44	Salivary gland	2R:+:39457123-39457170;2R:+:39457123-39457170	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_25410	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	112	6.73E-11	1	1775.932	-0.59	Midgut	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_25508	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	83	6.37E-08	1	1872.852	1.9	Head	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_31948	AFPKDDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	113	3.06E-11	1	2219.193	3.16	Ovary	2R:+:39456655-39456714;2R:+:39456655-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_32545	AGMTHIVR	AGAP003556-PB,AGAP003556-PA	-	54	2.83E-05	2	884.474	-3.63	Visceras	2R:+:39456715-39456738;2R:+:39456715-39456738	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_34192	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	79	1.46E-07	1	1775.935	1.34	Male reproductive organs	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_42853	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	96	3.13E-09	1	1872.857	4.9	Ovary	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_46701	AGMTHIVR	AGAP003556-PB,AGAP003556-PA	M3(Oxidation)	41	0.000752014	2	900.473	0.87	Male reproductive organs	2R:+:39456715-39456738;2R:+:39456715-39456738	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_50506	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	122	7.21E-12	1	1775.932	-0.24	Ovary	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_50601	AGMTHIVR	AGAP003556-PB,AGAP003556-PA	-	63	3.12E-06	2	884.477	-0.38	Pupa	2R:+:39456715-39456738;2R:+:39456715-39456738	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_51466	ALCNVWAQHLSEECRR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	63	8.53E-06	1	2028.951	0.74	Male reproductive organs	2R:+:39457123-39457170;2R:+:39457123-39457170	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA

JHU_Ag_51586	ALCNVWAQHLSEECRR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), Q8(Deamidated), C14(Carbamidomethyl),"C3(Carbamidomethyl), C14(Carbamidomethyl)"	93	7.68E-09	1	2028.955	2.9	Ovary	2R:+:39457123-39457170;2R:+:39457123-39457170	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_52135	AFPKDDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	72	3.05E-07	1	2219.194	3.82	Malpighian tubule	2R:+:39456655-39456714;2R:+:39456655-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_55816	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	117	1.95E-11	1	1872.846	-0.9	Midgut	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_60009	AGMTHIVR	AGAP003556-PB,AGAP003556-PA	M3(Oxidation)	62	4.18E-06	1	884.477	-0.66	Malpighian tubule	2R:+:39456715-39456738;2R:+:39456715-39456738	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_65935	EVVEAVTILETPPLVVVGAVGYIETPFGPR	AGAP003556-PB,AGAP003556-PA	-	30	0.002261636	3	3151.722	-2.28	Midgut	2R:+:39457033-39457122;2R:+:39457033-39457122	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_66794	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	105	3.40E-10	1	1775.939	3.61	Visceras	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_67913	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	95	3.98E-09	1	1872.856	4.51	Visceras	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_70281	AFPKDDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	78	9.93E-08	1	2219.184	-0.81	Midgut	2R:+:39456655-39456714;2R:+:39456655-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_70634	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	103	4.55E-10	1	1775.942	5.19	Larva	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_76191	ALCNVWAQHLSEECRR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	58	2.71E-05	1	2028.949	-0.32	Malpighian tubule	2R:+:39457123-39457170;2R:+:39457123-39457170	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_80988	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	73	4.88E-07	1	1872.849	0.63	Pupa	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_83918	AGMTHIVR	AGAP003556-PB,AGAP003556-PA	M3(Oxidation)	43	0.000506724	1	900.467	-5.37	Head	2R:+:39456715-39456738;2R:+:39456715-39456738	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_93311	AGMTHIVR	AGAP003556-PB,AGAP003556-PA	M3(Oxidation)	60	9.90E-06	1	900.472	-0.29	Salivary gland	2R:+:39456715-39456738;2R:+:39456715-39456738	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_98894	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	85	3.52E-08	1	1872.847	-0.57	Male reproductive organs	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_99050	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	61	9.83E-06	1	1872.855	3.85	Larva	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_108141	EADRPGSK	AGAP003556-PB,AGAP003556-PA	-	43	0.000491855	1	859.427	-0.29	Ovary	2R:+:39456739-39456760,39457019-39457020;2R:+:39456739-39456760,39457019-39457020	exon=> In CDS Exon 1 and 2 of transcript AGAP003556-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP003556-PA

JHU_Ag_111917	DDASKPVHLTAFLAYK	AGAP003556-PB,AGAP003556-PA	-	106	2.91E-10	1	1775.937	2.23	Pupa	2R:+:39456667-39456714;2R:+:39456667-39456714	exon=> In CDS Exon 1 of transcript AGAP003556-PB;exon=> In CDS Exon 1 of transcript AGAP003556-PA
JHU_Ag_112500	ALCNVWAQHLSEECR	AGAP003556-PB,AGAP003556-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	97	2.26E-09	1	1872.855	3.47	Salivary gland	2R:+:39457123-39457167;2R:+:39457123-39457167	exon=> In CDS Exon 2 of transcript AGAP003556-PB;exon=> In CDS Exon 2 of transcript AGAP003556-PA
JHU_Ag_739	YAQALASAAEAAR	AGAP003559-PA	-	68	2.40E-06	2	1292.657	-1.74	Salivary gland	2R:-:39468011-39467973	exon=> In CDS Exon 4 of transcript AGAP003559-PA
JHU_Ag_2529	MFTVLNAQYTFDNK	AGAP003559-PA	M1(Oxidation)	49	0.000231632	2	1707.819	8.07	Larva	2R:-:39468280-39468474,39467961-39468117	exon=> In CDS Exon 4 and 3 of transcript AGAP003559-PA
JHU_Ag_37605	MFTVLNAQYTFDNK	AGAP003559-PA	M1(Oxidation)	74	6.59E-07	2	1707.804	-0.44	Salivary gland	2R:-:39468280-39468474,39467961-39468117	exon=> In CDS Exon 4 and 3 of transcript AGAP003559-PA
JHU_Ag_59623	FNEFFEELLVQSK	AGAP003559-PA	-	62	1.18E-05	1	1629.815	-0.75	Salivary gland	2R:-:39477846-39478007,39468240-39468443	exon=> In CDS Exon 3 and 2 of transcript AGAP003559-PA
JHU_Ag_59799	GVDPIDMPIDPIPDLNLR	AGAP003559-PA	M7(Oxidation)	69	1.64E-06	1	2006.036	4.74	Salivary gland	2R:-:39521564-39521816,39477840-39477994	exon=> In CDS Exon 2 and 1 of transcript AGAP003559-PA
JHU_Ag_74254	QSTIVQQQLFILR	AGAP003559-PA	-	82	1.96E-08	2	1573.917	7.18	Malpighian tubule	2R:-:39466655-39466617	exon=> In CDS Exon 8 of transcript AGAP003559-PA
JHU_Ag_78395	LLGPFNIVMVVQPIDVK	AGAP003559-PA	M9(Oxidation)	31	0.002270499	1	1898.084	1.09	Salivary gland	2R:-:39467669-39467619	exon=> In CDS Exon 5 of transcript AGAP003559-PA
JHU_Ag_82953	KYAQALASAAEAAR	AGAP003559-PA	-	85	4.31E-08	2	1420.755	0.48	Salivary gland	2R:-:39468014-39467973	exon=> In CDS Exon 4 of transcript AGAP003559-PA
JHU_Ag_102831	IFQGCGQPALGR	AGAP003559-PA	C5(Carbamidomethyl)	56	4.37E-05	1	1303.660	1.5	Salivary gland	2R:-:39467485-39467450	exon=> In CDS Exon 6 of transcript AGAP003559-PA
JHU_Ag_1329	DSAITWINDLENDAQYR	AGAP003560-PA	-	88	2.44E-08	2	2023.941	2.44	Salivary gland	2R:+:39526388-39526438	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_7340	VAFIPNVDGTDAVR	AGAP003560-PA	-	37	0.002816381	1	1473.769	-0.66	Midgut	2R:+:39527473-39527514	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_9547	LVSILVPR	AGAP003560-PA	-	24	0.002043444	2	896.596	3.82	Ovary	2R:+:39527938-39527961	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_10901	ILFLDVLFPLDVK	AGAP003560-PA	-	83	7.54E-09	2	1531.914	0.23	Midgut	2R:+:39529276-39529314	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_11096	LVSILVPR	AGAP003560-PA	-	56	1.53E-06	2	896.594	1.78	Salivary gland	2R:+:39527938-39527961	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_12168	GQYQALSQDPNSLSNLDQDLPNNMIHQVAIK	AGAP003560-PA	M24(Oxidation)	61	8.99E-06	1	3467.687	0.22	Midgut	2R:+:39529564-39529656	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_15664	TIDLCNNPLTK	AGAP003560-PA	C5(Carbamidomethyl)	43	0.000883026	2	1288.661	3.64	Malpighian tubule	2R:+:39529723-39529755	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_15836	IIFVDADQIVR	AGAP003560-PA	-	53	3.76E-05	2	1288.731	4.05	Malpighian tubule	2R:+:39529318-39529350	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_16429	SADIYDITSADGPNTVHTAESTR	AGAP003560-PA	-	81	1.01E-07	1	2421.131	6.15	Head	2R:+:39528760-39528828	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_17615	IIFVDADQIVR	AGAP003560-PA	-	53	4.99E-05	2	1288.728	1.87	Salivary gland	2R:+:39529318-39529350	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_19557	SADIYDITSADGPNTVHTAESTR	AGAP003560-PA	-	107	2.96E-10	1	2421.124	2.98	Midgut	2R:+:39528760-39528828	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_20560	LVSILVPR	AGAP003560-PA	-	56	1.70E-06	2	896.592	-0.74	Midgut	2R:+:39527938-39527961	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_20773	KPGMAGVDLLGDEK	AGAP003560-PA	M4(Oxidation)	53	7.31E-05	2	1445.731	0.14	Midgut	2R:+:39528880-39528921	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_23305	LKLEEVDEILGEDSDFDYGR	AGAP003560-PA	-	69	1.85E-06	1	2342.112	3.5	Salivary gland	2R:+:39526808-39526867	exon=> In CDS Exon 2 of transcript AGAP003560-PA

JHU_Ag_23564	YTIPSDVQDSR	AGAP003560-PA	-	51	0.000126323	2	1280.608	-3.07	Midgut	2R:+:39527980-39528012	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_24878	SALLEQHEEIAPLK	AGAP003560-PA	-	89	1.15E-08	1	1577.855	0.86	Midgut	2R:+:39525941-39525982	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_28780	LSSLLLLLR	AGAP003560-PA	-	56	6.64E-07	2	1027.690	2.95	Pupa	2R:+:39528103-39528129	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_33145	FVVEPELHFTNDGR	AGAP003560-PA	-	48	0.000207881	1	1659.820	4.22	Malpighian tubule	2R:+:39528284-39528325	exon=> In CDS Exon 4 of transcript AGAP003560-PA
JHU_Ag_33553	AWEFQELGLQAAR	AGAP003560-PA	-	53	9.59E-05	2	1518.774	2.84	Head	2R:+:39525983-39526021	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_33709	IIFVDADQIVR	AGAP003560-PA	-	57	2.03E-05	2	1288.727	0.73	Ovary	2R:+:39529318-39529350	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_37036	LSSLLLLLR	AGAP003560-PA	-	66	5.85E-08	2	1027.692	4.85	Salivary gland	2R:+:39528103-39528129	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_39380	SLELASDILGEGQMGLLK	AGAP003560-PA	M14(Oxidation)	83	6.19E-08	1	1889.998	4.77	Larva	2R:+:39525314-39525367	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_40390	VAFIPNVDGTDAVR	AGAP003560-PA	-	38	0.002476641	2	1473.772	1.82	Pupa	2R:+:39527473-39527514	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_44016	LSSLLLLLR	AGAP003560-PA	-	67	5.36E-08	2	1027.690	2.36	Ovary	2R:+:39528103-39528129	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_44630	LFEAYESDPSTVSSSVPDSVLGFLPATQMHLK	AGAP003560-PA	M29(Oxidation)	32	0.00646063	1	3468.704	4.54	Head	2R:+:39527602-39527697	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_45395	LALSLHSFSPK	AGAP003560-PA	-	38	0.001336836	2	1199.680	1.37	Larva	2R:+:39525368-39525400	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_47888	ILSQDEPHFIDMSGR	AGAP003560-PA	M12(Oxidation)	50	0.0001364	1	1760.830	1.67	Salivary gland	2R:+:39527114-39527158	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_51196	RTDQPFFEIVAVLDPASR	AGAP003560-PA	-	60	1.11E-05	1	2061.077	0.2	Midgut	2R:+:39528037-39528090	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_53201	LALSLHSFSPK	AGAP003560-PA	-	64	2.89E-06	1	1199.682	2.8	Salivary gland	2R:+:39525368-39525400	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_54730	FVVEPELHFTNDGR	AGAP003560-PA	-	63	7.32E-06	1	1659.822	5.62	Salivary gland	2R:+:39528284-39528325	exon=> In CDS Exon 4 of transcript AGAP003560-PA
JHU_Ag_55124	IMMLSLLK	AGAP003560-PA	M2(Oxidation), M3(Oxidation)	40	0.00072972	2	980.551	-0.83	Salivary gland	2R:+:39529075-39529098	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_56428	FVVEPELHFTNDGR	AGAP003560-PA	-	36	0.003385643	1	1659.824	7.09	Head	2R:+:39528284-39528325	exon=> In CDS Exon 4 of transcript AGAP003560-PA
JHU_Ag_64354	TIDLCNNPLTK	AGAP003560-PA	C5(Carbamidomethyl)	49	0.000201887	2	1288.658	1.36	Salivary gland	2R:+:39529723-39529755	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_68994	LSGYGVELHLK	AGAP003560-PA	-	59	1.63E-05	1	1215.677	3.43	Salivary gland	2R:+:39525740-39525772	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_75985	TDQPFFEIVAVLDPASR	AGAP003560-PA	-	43	0.00064551	2	1904.986	5.53	Midgut	2R:+:39528040-39528090	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_76404	LEEVDEILGEDSDFDYGR	AGAP003560-PA	-	49	0.000115192	2	2100.930	2.49	Midgut	2R:+:39526814-39526867	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_77779	SSTEALGFLTDLYAATADQK	AGAP003560-PA	-	81	1.36E-07	1	2102.029	0.1	Ovary	2R:+:39526697-39526756	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_78303	GDCETTIFASINGK	AGAP003560-PA	C3(Carbamidomethyl)	62	7.07E-06	1	1512.706	4.14	Salivary gland	2R:+:39525443-39525484	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_79590	IIFVDADQIVR	AGAP003560-PA	-	58	1.58E-05	2	1288.726	0.07	Midgut	2R:+:39529318-39529350	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_80318	LSSLLLLLR	AGAP003560-PA	-	38	3.98E-05	2	1027.689	1.17	Visceras	2R:+:39528103-39528129	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_80711	SLPQEWLWCETWCSSDTLQHAK	AGAP003560-PA	C9(Carbamidomethyl), C13(Carbamidomethyl)	44	0.000432514	1	2762.248	4.98	Salivary gland	2R:+:39529657-39529722	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_81719	LAESFVVHMAPVR	AGAP003560-PA	M9(Oxidation)	66	2.91E-06	1	1471.771	-1.04	Salivary gland	2R:+:39526577-39526615	exon=> In CDS Exon 2 of transcript AGAP003560-PA

JHU_Ag_83660	SADIYDITSADGPNTVHTAESTR	AGAP003560-PA	-	94	4.96E-09	1	2421.117	0.1	Salivary gland	2R:+:39528760-39528828	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_86578	GGSATPLLGLDLSSSAK	AGAP003560-PA	-	73	6.03E-07	2	1573.846	1.81	Ovary	2R:+:39526316-39526366	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_88144	DLLRPTFPGMLR	AGAP003560-PA	M10(Oxidation)	45	0.000342236	1	1431.780	1.63	Salivary gland	2R:+:39526460-39526495	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_88215	FVVEPELHFTNDGR	AGAP003560-PA	-	86	3.86E-08	1	1659.814	0.84	Midgut	2R:+:39528284-39528325	exon=> In CDS Exon 4 of transcript AGAP003560-PA
JHU_Ag_91371	ANPGAWILK	AGAP003560-PA	-	50	3.37E-05	2	969.551	-0.5	Midgut	2R:+:39528718-39528744	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_93949	HNIEVFGR	AGAP003560-PA	-	30	0.01073552	1	971.505	-0.37	Midgut	2R:+:39526148-39526171	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_95844	LVSILVPR	AGAP003560-PA	-	25	0.002004072	2	896.594	1.1	Pupa	2R:+:39527938-39527961	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_100670	LKLEEVDEILGEDSDFDYGR	AGAP003560-PA	-	35	0.004490883	1	2342.116	5.37	Midgut	2R:+:39526808-39526867	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_102082	KYHISALYVVDLR	AGAP003560-PA	-	40	0.000547383	1	1576.890	3.28	Salivary gland	2R:+:39529489-39529527	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_103343	SADIYDITSADGPNTVHTAESTR	AGAP003560-PA	-	74	5.27E-07	1	2421.112	-1.79	Malpighian tubule	2R:+:39528760-39528828	exon=> In CDS Exon 5 of transcript AGAP003560-PA
JHU_Ag_104089	HNIEVFGR	AGAP003560-PA	-	36	0.002768148	2	971.501	-4.52	Head	2R:+:39526148-39526171	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_104606	GGSATPLLGLDLSSSAK	AGAP003560-PA	-	43	0.00052258	2	1573.844	0.19	Midgut	2R:+:39526316-39526366	exon=> In CDS Exon 2 of transcript AGAP003560-PA
JHU_Ag_108058	VAFIPNVDGTDAVR	AGAP003560-PA	-	37	0.0026355	2	1473.772	1.24	Ovary	2R:+:39527473-39527514	exon=> In CDS Exon 3 of transcript AGAP003560-PA
JHU_Ag_2808	LDPSSSAPVISLESNDK	AGAP003567-PA	-	90	1.54E-08	1	1758.882	3.39	Midgut	2R:-:39543426-39543491,39543252-39543312	exon=> In CDS Exon 4 and 3 of transcript AGAP003567-PA
JHU_Ag_16610	LDPSSSAPVISLESNDK	AGAP003567-PA	-	71	1.34E-06	1	1758.871	-2.93	Malpighian tubule	2R:-:39543426-39543491,39543252-39543312	exon=> In CDS Exon 4 and 3 of transcript AGAP003567-PA
JHU_Ag_22612	GNASEQSAGIIVAISDLASK	AGAP003567-PA	-	60	1.30E-05	2	1931.009	0.69	Head	2R:-:39543486-39543427	exon=> In CDS Exon 3 of transcript AGAP003567-PA
JHU_Ag_18324	IVAPAVQTADLHSADHR	AGAP003568-PA	-	44	0.000652886	1	1800.928	-3.73	Head	2R:-:39701892-39701842	exon=> In CDS Exon 8 of transcript AGAP003568-PA
JHU_Ag_24483	QGGGVSAVVGRMR	AGAP003570-PA	-	33	0.008913456	1	1273.678	-1.31	Midgut	2R:+:39740230-39740268	exon=> In CDS Exon 7 of transcript AGAP003570-PA
JHU_Ag_97471	LGIPVTVVMPLK	AGAP003571-PC	M9(Oxidation)	28	0.002434916	1	1282.787	5.09	Larva	2R:+:39766958-39766993	exon=> In CDS Exon 3 of transcript AGAP003571-PC
JHU_Ag_5577	FPVEIPTIGGVELK	AGAP003575-PA	-	29	0.005277022	1	1498.861	5.92	Ovary	2R:-:40085720-40085679	exon=> In CDS Exon 2 of transcript AGAP003575-PA
JHU_Ag_11183	GDAALQKIK	AGAP003575-PA	Q6(Deamidated)	36	0.003469535	1	944.548	7.31	Head	2R:-:40085209-40085183	exon=> In CDS Exon 3 of transcript AGAP003575-PA
JHU_Ag_10145	LFTVLVESNLTR	AGAP003576-PA	-	70	4.63E-07	2	1391.794	3.16	Ovary	2R:-:40090557-40090522	exon=> In CDS Exon 2 of transcript AGAP003576-PA
JHU_Ag_36972	LFTVLVESNLTR	AGAP003576-PA	-	95	1.46E-09	2	1391.796	4.48	Malpighian tubule	2R:-:40090557-40090522	exon=> In CDS Exon 2 of transcript AGAP003576-PA
JHU_Ag_63848	VVEAILNLPENCHIAIR	AGAP003576-PA	C12(Carbamidomethyl)	47	0.000149 99	1	1961.060	-2.16	Ovary	2R:-:40089284-40089234	exon=> In CDS Exon 4 of transcript AGAP003576-PA
JHU_Ag_112186	VVEAILNLPENCHIAIR	AGAP003576-PA	C12(Carbamidomethyl)	41	0.000552467	1	1961.062	-0.95	Salivary gland	2R:-:40089284-40089234	exon=> In CDS Exon 4 of transcript AGAP003576-PA
JHU_Ag_115532	NNYQLTAHFKPYVER	AGAP003576-PA	-	58	2.51E-05	1	1879.947	1.03	Ovary	2R:-:40090374-40090330	exon=> In CDS Exon 2 of transcript AGAP003576-PA
JHU_Ag_458	EAGFPDGVINVVNGFGPTVGAAIVAHPDIR	AGAP003578-PA	N13(Deamidated)	101	7.41E-10	1	2990.535	-0.78	Midgut	2R:-:40155354-40155265	exon=> In CDS Exon 2 of transcript AGAP003578-PA

JHU_Ag_632	IILSGASTSNLK	AGAP003578-PA	-	94	2.19E-09	1	1203.694	-0.1	Ovary	2R:-:40155228-40155193	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_1623	IILSGASTSNLKK	AGAP003578-PA	-	36	0.000575 53	2	1331.793	2.75	Larva	2R:-:40155228-40155190	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_4159	TFVQEGIYDAFVAK	AGAP003578-PA	-	94	6.00E-09	1	1587.811	3.81	Head	2R:-:40154985-40154944	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_7499	EAGFPDGVINVVNGFGPTVGAAIVAH PDIR	AGAP003578-PA	N13(Deamidated)	111	6.44E-11	1	2990.543	1.79	Pupa	2R:-:40155354-40155265	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_8128	ILGYIESAQAEGAQLQAGGKR	AGAP003578-PA	-	97	2.20E-09	1	2160.142	0.64	Pupa	2R:-:40154850-40154788	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_9823	EEIFGPVQSILK	AGAP003578-PA	-	45	0.000311 353	1	1359.753	1.05	Malpighian tubule	2R:-:40154715-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_13777	VGNAFQDGVQQGPQVDEEQFKK	AGAP003578-PA	Q14(Deamidated),N3(Deamidated)	120	1.53E-11	1	2449.161	-0.7	Midgut	2R:-:40154916-40154851	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_13883	SVTIKLPAK	AGAP003578-PA	-	38	0.000476 261	1	956.613	-0.64	Pupa	2R:-:40154341-40154315	exon=> In CDS Exon 4 of transcript AGAP003578-PA
JHU_Ag_14732	VAFTGSVETGR	AGAP003578-PA	-	70	1.40E-06	2	1123.575	0.21	Ovary	2R:-:40155261-40155229	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_15704	DIDTLANLESLDNGK	AGAP003578-PA	-	93	8.54E-09	2	1617.795	-1.15	Malpighian tubule	2R:-:40155687-40155643	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_16654	KVAFTGSVETGR	AGAP003578-PA	-	58	2.08E-05	1	1251.669	0.09	Pupa	2R:-:40155264-40155229	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_20513	ANSTEYGLAAGVVTK	AGAP003578-PA	-	115	5.14E-11	1	1480.766	1.04	Ovary	2R:-:40154649-40154605	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_22951	ANSTEYGLAAGVVTK	AGAP003578-PA	-	134	5.55E-13	2	1480.764	0.13	Pupa	2R:-:40154649-40154605	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_24026	TFGDSQFDITCAIDTFR	AGAP003578-PA	C11(Carbamidomethyl)	112	7.40E-11	1	1993.895	-0.58	Ovary	2R:-:40155642-40155592	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_26731	VGNAFQDGVQQGPQVDEEQFKK	AGAP003578-PA	N3(Deamidated)	123	7.80E-12	1	2448.182	1.17	Pupa	2R:-:40154916-40154851	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_27193	EEIFGPVQSILK	AGAP003578-PA	-	61	8.06E-06	2	1359.752	-0.02	Midgut	2R:-:40154715-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_27374	EEIFGPVQSILK	AGAP003578-PA	-	36	0.002224 552	2	1359.760	5.81	Larva	2R:-:40154715-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_33081	AGTVGYFVEPTVFSNVTDGMK	AGAP003578-PA	M20(Oxidation)	45	0.000419 524	1	2235.065	0.37	Pupa	2R:-:40154787-40154725	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_33599	IAREEIFGPVQSILK	AGAP003578-PA	-	88	3.58E-09	1	1699.979	2.63	Malpighian tubule	2R:-:40154724-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_36096	DIDTLANLESLDNGK	AGAP003578-PA	-	97	3.37E-09	2	1617.801	2.7	Head	2R:-:40155687-40155643	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_36466	TFVQEGIYDAFVAK	AGAP003578-PA	-	116	3.79E-11	1	1587.809	2.42	Pupa	2R:-:40154985-40154944	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_37609	TFVQEGIYDAFVAK	AGAP003578-PA	-	125	5.36E-12	1	1587.806	0.5	Midgut	2R:-:40154985-40154944	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_38212	TFVQEGIYDAFVAK	AGAP003578-PA	-	41	0.001178 895	2	1587.806	0.66	Visceras	2R:-:40154985-40154944	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_38288	TFVQEGIYDAFVAK	AGAP003578-PA	-	96	3.80E-09	1	1587.812	4.04	Malpighian tubule	2R:-:40154985-40154944	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_39575	TFGDSQFDITCAIDTFR	AGAP003578-PA	C11(Carbamidomethyl)	99	1.88E-09	2	1993.908	6.15	Malpighian tubule	2R:-:40155642-40155592	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_39629	ANSTEYGLAAGVVTK	AGAP003578-PA	-	114	5.56E-11	1	1480.766	1.04	Malpighian tubule	2R:-:40154649-40154605	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_40434	LFINNEFVEAK	AGAP003578-PA	-	71	9.24E-07	1	1323.697	1.93	Malpighian tubule	2R:-:40155915-40155883	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_40493	TFGDSQFDITCAIDTFR	AGAP003578-PA	C11(Carbamidomethyl)	118	2.08E-11	2	1993.896	0.09	Midgut	2R:-:40155642-40155592	exon=> In CDS Exon 2 of transcript AGAP003578-PA

JHU_Ag_43671	ANSTEYGLAAGVVTK	AGAP003578-PA	-	36	0.003174843	2	1480.772	5.07	Larva	2R:-:40154649-40154605	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_43759	IILSGASTSNLK	AGAP003578-PA	-	45	0.000211114	2	1203.695	0.1	Head	2R:-:40155228-40155193	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_44708	TFVQEGIYDAFVAK	AGAP003578-PA	-	117	3.35E-11	1	1587.805	-0.34	Ovary	2R:-:40154985-40154944	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_47180	VGNAFQDGVQQGPQVDEEQFKK	AGAP003578-PA	-	123	8.51E-12	1	2448.177	-0.85	Ovary	2R:-:40154916-40154851	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_47931	KVAFTGSVETGR	AGAP003578-PA	-	68	1.76E-06	2	1251.673	3.02	Larva	2R:-:40155264-40155229	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_48008	AGTVGYFVEPTVFSNVTDGMK	AGAP003578-PA	M20(Oxidation)	51	0.000125666	2	2235.066	0.92	Midgut	2R:-:40154787-40154725	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_48467	EEIFGPVQSILK	AGAP003578-PA	-	42	0.000650247	2	1359.756	2.94	Visceras	2R:-:40154715-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_48556	FSTLDEVIERANSTEYGLAAGVVTK	AGAP003578-PA	-	53	6.12E-05	1	2670.366	1.48	Malpighian tubule	2R:-:40154679-40154605	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_52618	TFATLNPATEQPIVSVAEGDKDDVEVAVR	AGAP003578-PA	-	67	2.04E-06	1	3071.560	2.11	Pupa	2R:-:40155873-40155787	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_57158	IHGSTVPSDGPVLTYIR	AGAP003578-PA	-	64	3.04E-06	2	1811.974	4.74	Midgut	2R:-:40155567-40155517	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_58529	EEIFGPVQSILK	AGAP003578-PA	-	53	5.50E-05	2	1359.757	3.84	Head	2R:-:40154715-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_58587	LFINNEFVEAK	AGAP003578-PA	-	83	6.46E-08	1	1323.696	1.38	Pupa	2R:-:40155915-40155883	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_61977	ELGYSGIELYLETK	AGAP003578-PA	-	98	2.02E-09	2	1614.828	1.38	Pupa	2R:-:40154383-40154342	exon=> In CDS Exon 4 of transcript AGAP003578-PA
JHU_Ag_62056	IHGSTVPSDGPVLTYIR	AGAP003578-PA	-	58	1.49E-05	1	1811.965	-0.05	Ovary	2R:-:40155567-40155517	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_63729	IAREEIFGPVQSILK	AGAP003578-PA	-	73	1.55E-07	1	1699.974	-0.11	Pupa	2R:-:40154724-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_69203	IILSGASTSNLK	AGAP003578-PA	-	31	0.003686423	2	1203.700	4.77	Larva	2R:-:40155228-40155193	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_70873	DIDTLANLESLDNGK	AGAP003578-PA	-	101	1.38E-09	2	1617.802	3.08	Midgut	2R:-:40155687-40155643	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_71539	LFINNEFVEAK	AGAP003578-PA	-	35	0.003418865	2	1323.694	-0.28	Head	2R:-:40155915-40155883	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_72121	EEIFGPVQSILK	AGAP003578-PA	-	57	1.97E-05	1	1359.753	0.51	Ovary	2R:-:40154715-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_72312	TFGDSQFDITCAIDTFR	AGAP003578-PA	C11(Carbamidomethyl)	124	4.93E-12	2	1993.906	5.05	Visceras	2R:-:40155642-40155592	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_73721	VGNAFQDGVQQGPQVDEEQFK	AGAP003578-PA	-	55	5.07E-05	2	2320.080	-1.73	Head	2R:-:40154916-40154854	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_75360	VAFTGSVETGR	AGAP003578-PA	-	54	6.24E-05	2	1123.569	-5.11	Pupa	2R:-:40155261-40155229	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_78478	FSTLDEVIER	AGAP003578-PA	-	39	0.001739146	2	1208.619	2.3	Larva	2R:-:40154679-40154650	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_79583	VAFTGSVETGR	AGAP003578-PA	-	77	2.71E-07	2	1123.574	0	Malpighian tubule	2R:-:40155261-40155229	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_80651	EAGFPDGVINVVNGFGPTVGAAIVAHPDIRK	AGAP003578-PA	N13(Deamidated)	51	5.31E-05	1	3118.642	3.28	Pupa	2R:-:40155354-40155262	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_83886	YYAGWADKIHGSTVPSDGPVLTYIR	AGAP003578-PA	-	64	4.44E-06	1	2766.390	0.49	Pupa	2R:-:40155591-40155517	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_84464	IAREEIFGPVQSILK	AGAP003578-PA	-	78	3.79E-08	1	1699.984	5.86	Midgut	2R:-:40154724-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_85357	DIDTLANLESLDNGK	AGAP003578-PA	N13(Deamidated)	95	5.06E-09	2	1617.801	2.48	Pupa	2R:-:40155687-40155643	exon=> In CDS Exon 2 of transcript AGAP003578-PA

JHU_Ag_86750	AGTVGYFVEPTVFSNVTDGMK	AGAP003578-PA	-	67	2.97E-06	1	2219.072	1.16	Malpighian tubule	2R:-:40154787-40154725	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_87080	VGNAFQDGVQQGPQVDEEQFKK	AGAP003578-PA	-	107	3.44E-10	1	2448.183	1.62	Malpighian tubule	2R:-:40154916-40154851	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_87240	FSTLDEVIER	AGAP003578-PA	-	81	1.23E-07	1	1208.616	0.08	Midgut	2R:-:40154679-40154650	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_88785	WAPALAAGCTLVLKPAEQTPLSALHMAALSK	AGAP003578-PA	C9(Carbamidomethyl), M26(Oxidation)	41	0.000255358	1	3232.733	3.19	Larva	2R:-:40155447-40155355	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_88864	LFINNEFVEAK	AGAP003578-PA	-	68	1.77E-06	1	1323.697	1.93	Ovary	2R:-:40155915-40155883	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_90738	EEIFGPVQSILK	AGAP003578-PA	-	54	3.92E-05	2	1359.753	0.87	Pupa	2R:-:40154715-40154680	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_92684	TFATLNPATEQPIVSVAEGDKDDVEVAVR	AGAP003578-PA	-	89	1.17E-08	1	3071.563	3.3	Malpighian tubule	2R:-:40155873-40155787	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_95282	IILSGASTSNLKK	AGAP003578-PA	-	78	4.51E-08	1	1331.789	-0.46	Midgut	2R:-:40155228-40155190	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_96596	VAFTGSVETGR	AGAP003578-PA	-	38	0.002255736	2	1123.574	0	Midgut	2R:-:40155261-40155229	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_99003	WAPALAAGCTLVLKPAEQTPLSALHMAALSK	AGAP003578-PA	C9(Carbamidomethyl), M26(Oxidation)	41	0.000274084	1	3232.726	1.22	Midgut	2R:-:40155447-40155355	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_100582	IHGSTVPSDGPVLTYIR	AGAP003578-PA	-	59	1.22E-05	1	1811.966	0.76	Pupa	2R:-:40155567-40155517	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_103844	YYAGWADKIHGSTVPSDGPVLTYIR	AGAP003578-PA	-	34	0.004707446	1	2766.392	1.11	Midgut	2R:-:40155591-40155517	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_103993	IILSGASTSNLK	AGAP003578-PA	-	93	2.34E-09	1	1203.695	0.81	Malpighian tubule	2R:-:40155228-40155193	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_106859	DIDTLANLESLDNGK	AGAP003578-PA	-	112	1.09E-10	1	1617.797	0.36	Ovary	2R:-:40155687-40155643	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_107135	IILSGASTSNLKK	AGAP003578-PA	-	78	4.70E-08	1	1331.790	0.83	Malpighian tubule	2R:-:40155228-40155190	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_107282	FSTLDEVIER	AGAP003578-PA	-	78	2.07E-07	1	1208.617	1.29	Pupa	2R:-:40154679-40154650	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_108894	ELGYSGIELYLETK	AGAP003578-PA	-	99	1.75E-09	2	1614.826	-0.05	Midgut	2R:-:40154383-40154342	exon=> In CDS Exon 4 of transcript AGAP003578-PA
JHU_Ag_113396	IHGSTVPSDGPVLTYIR	AGAP003578-PA	-	69	1.08E-06	1	1811.968	1.78	Malpighian tubule	2R:-:40155567-40155517	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_113784	YYAGWADKIHGSTVPSDGPVLTYIR	AGAP003578-PA	-	80	1.11E-07	1	2766.396	2.59	Malpighian tubule	2R:-:40155591-40155517	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_114555	ILGYIESAQAEGAQLQAGGKR	AGAP003578-PA	-	66	2.17E-06	1	2160.145	1.91	Malpighian tubule	2R:-:40154850-40154788	exon=> In CDS Exon 3 of transcript AGAP003578-PA
JHU_Ag_115635	IILSGASTSNLKK	AGAP003578-PA	-	83	1.51E-08	1	1331.789	0	Pupa	2R:-:40155228-40155190	exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_108484	DLDSGLYGDQGIR	AGAP003579-PA	-	66	4.00E-06	2	1408.675	3.19	Salivary gland	2R:-:40196460-40196422	exon=> In CDS Exon 4 of transcript AGAP003579-PA
JHU_Ag_15345	HVQNGDTLFEYIPVFPR	AGAP003580-PA	-	85	4.49E-08	1	2032.022	-3.14	Visceras	2R:-:40287593-40287543	exon=> In CDS Exon 1 of transcript AGAP003580-PA
JHU_Ag_16302	HVQNGDTLFEYIPVFPR	AGAP003580-PA	-	63	6.82E-06	1	2032.025	-1.67	Midgut	2R:-:40287593-40287543	exon=> In CDS Exon 1 of transcript AGAP003580-PA
JHU_Ag_20628	HVQNGDTLFEYIPVFPR	AGAP003580-PA	-	60	1.35E-05	1	2032.038	4.46	Malpighian tubule	2R:-:40287593-40287543	exon=> In CDS Exon 1 of transcript AGAP003580-PA
JHU_Ag_23489	QQSWNDYSQAPR	AGAP003580-PA	-	42	0.000677994	2	1479.663	1	Malpighian tubule	2R:-:40287500-40287465	exon=> In CDS Exon 1 of transcript AGAP003580-PA
JHU_Ag_41800	HVQNGDTLFEYIPVFPR	AGAP003580-PA	-	51	0.000118288	3	2032.035	2.83	Head	2R:-:40287593-40287543	exon=> In CDS Exon 1 of transcript AGAP003580-PA
JHU_Ag_61495	YIFLVFR	AGAP003580-PA	-	39	0.001016286	2	957.555	-0.22	Midgut	2R:-:40287521-40287501	exon=> In CDS Exon 1 of transcript AGAP003580-PA

JHU_Ag_96362	QQSWNDYSQAPR	AGAP003580-PA	-	47	0.000179567	1	1479.662	0.5	Visceras	2R:-:40287500-40287465	exon=> In CDS Exon 1 of transcript AGAP003580-PA
JHU_Ag_10737	LGVTGVIGIR	AGAP003581-PA	-	43	0.000199082	2	984.620	-0.12	Midgut	2R:-:40336291-40336262	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_25383	NLAATVYGPNDLR	AGAP003581-PA	-	39	0.002033654	2	1403.728	0.36	Head	2R:-:40336918-40336880	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_30668	IHEILGGPADR	AGAP003581-PA	-	70	1.28E-06	1	1177.632	-0.28	Midgut	2R:-:40336228-40336196	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_39767	NLAATVYGPNDLR	AGAP003581-PA	-	36	0.004059875	2	1403.730	1.32	Larva	2R:-:40336918-40336880	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_44765	NLAATVYGPNDLR	AGAP003581-PA	-	65	6.06E-06	1	1403.727	-0.86	Male reproductive organs	2R:-:40336918-40336880	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_46979	VIIFGAGPIGLVCLIAAK	AGAP003581-PA	C13(Carbamidomethyl)	117	1.55E-12	1	1812.088	3.65	Midgut	2R:-:40336417-40336364	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_48870	RIHEILGGPADR	AGAP003581-PA	-	85	2.83E-08	1	1333.737	2.19	Midgut	2R:-:40336231-40336196	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_79037	DAQLPMVDAISR	AGAP003581-PA	M6(Oxidation)	50	0.000174608	2	1331.663	0.05	Midgut	2R:-:40336099-40336064	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_83263	TVILDLEHAK	AGAP003581-PA	-	40	0.000475302	1	1138.646	-1.02	Head	2R:-:40336345-40336316	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_88734	NLAATVYGPNDLR	AGAP003581-PA	-	46	0.000475639	2	1403.729	0.54	Midgut	2R:-:40336918-40336880	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_91515	HDGNCSNYYAQYADCCFK	AGAP003581-PA	C5(Carbamidomethyl), C15(Carbamidomethyl), C16(Carbamidomethyl)	82	5.77E-09	1	2272.866	7.65	Midgut	2R:-:40336570-40336517	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_96214	LVKPIVLGHESAGVVR	AGAP003581-PA	-	114	3.40E-12	1	1674.005	-0.53	Midgut	2R:-:40336759-40336712	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_99925	LVKPIVLGHESAGVVR	AGAP003581-PA	-	49	9.55E-06	1	1674.011	2.67	Male reproductive organs	2R:-:40336759-40336712	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_101006	VLECSGSQPGMR	AGAP003581-PA	C4(Carbamidomethyl), M11(Oxidation)	53	4.24E-05	2	1336.597	-0.94	Midgut	2R:-:40336195-40336160	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_104127	IHEILGGPADR	AGAP003581-PA	-	38	0.002187274	2	1177.634	1.69	Malpighian tubule	2R:-:40336228-40336196	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_107815	ICLVGLGNK	AGAP003581-PA	C2(Carbamidomethyl)	32	0.007436534	1	973.550	-0.18	Midgut	2R:-:40336126-40336100	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_110060	YNHDYPAALEIVASGYVDVKPLVSHHFDLQDVHEAFR	AGAP003581-PA	-	49	9.46E-05	1	4252.091	0.53	Midgut	2R:-:40336036-40336933,40335765-40335849	exon=> In CDS Exon 2 and 1 of transcript AGAP003581-PA
JHU_Ag_111225	DGGFGAQR	AGAP003581-PA	-	57	2.90E-05	2	807.377	3.25	Malpighian tubule	2R:-:40336783-40336760	exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_18135	VAIEPAAGCR	AGAP003581-PA,AGAP003582-PA	C9(Carbamidomethyl)	55	3.18E-05	1	1043.528	-1.97	Pupa	2R:-:40336669-40336640;2R:-:40338195-40338166	exon=> In CDS Exon 1 of transcript AGAP003581-PA;exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_38609	VGSAVTHLK	AGAP003581-PA,AGAP003582-PA	-	34	0.002540241	1	911.518	-13.66	Pupa	2R:-:40336708-40336682;2R:-:40338234-40338208	exon=> In CDS Exon 1 of transcript AGAP003581-PA;exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_82500	VGDRVAIEPAAGCR	AGAP003581-PA,AGAP003582-PA	C13(Carbamidomethyl)	37	0.002129 05	1	1470.752	2.46	Malpighian tubule	2R:-:40336681-40336640;2R:-:40338207-40338166	exon=> In CDS Exon 1 of transcript AGAP003581-PA;exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_1073	VVIFGAGPIGLISLVVAK	AGAP003582-PA	-	99	3.44E-11	1	1753.109	5.83	Larva	2R:-:40337943-40337890	exon=> In CDS Exon 1 of transcript AGAP003582-PA

JHU_Ag_8237	IQEALGGPADR	AGAP003582-PA	-	78	1.72E-07	1	1126.584	-0.8	Pupa	2R:-:40337754-40337722	exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_36704	VVIFGAGPIGLISLVVAK	AGAP003582-PA	-	94	9.35E-11	1	1753.103	2.28	Pupa	2R:-:40337943-40337890	exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_72319	IQEALGGPADR	AGAP003582-PA	-	46	0.000354 3	1	1126.588	2.12	Larva	2R:-:40337754-40337722	exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_74399	LIRPLVLGHESAGVVR	AGAP003582-PA	-	98	1.75E-10	1	1716.030	1.07	Head	2R:-:40338285-40338238	exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_87657	LGATAVIPIGEQDSEDELVKR	AGAP003582-PA	-	68	1.52E-06	1	2240.174	-1.42	Pupa	2R:-:40337817-40337755	exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_91817	LIRPLVLGHESAGVVR	AGAP003582-PA	-	88	1.79E-09	1	1716.027	-0.29	Pupa	2R:-:40338285-40338238	exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_95299	LIRPLVLGHESAGVVR	AGAP003582-PA	-	95	2.47E-10	1	1716.033	3.09	Larva	2R:-:40338285-40338238	exon=> In CDS Exon 1 of transcript AGAP003582-PA
JHU_Ag_20347	KVGSAVTHLK	AGAP003582-PA,AGAP003581-PA	-	54	1.20E-05	1	1039.631	4.58	Larva	2R:-:40338237-40338208;2R:-:40336711-40336682	exon=> In CDS Exon 1 of transcript AGAP003582-PA;exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_71615	VGSAVTHLK	AGAP003582-PA,AGAP003581-PA	-	70	3.36E-07	1	911.534	3.75	Larva	2R:-:40338234-40338208;2R:-:40336708-40336682	exon=> In CDS Exon 1 of transcript AGAP003582-PA;exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_109835	VAIEPAAGCR	AGAP003582-PA,AGAP003581-PA	C9(Carbamidomethyl)	56	3.10E-05	2	1043.533	2.35	Larva	2R:-:40338195-40338166;2R:-:40336669-40336640	exon=> In CDS Exon 1 of transcript AGAP003582-PA;exon=> In CDS Exon 1 of transcript AGAP003581-PA
JHU_Ag_92832	LITHHYELQESDQAFNTAR	AGAP003583-PA	-	35	0.004887 926	1	2273.093	-0.52	Head	2R:-:40339805-40339749	exon=> In CDS Exon 2 of transcript AGAP003583-PA
JHU_Ag_5060	ELGADETLAIPK	AGAP003584-PA	-	79	1.35E-07	2	1256.675	1.7	Head	2R:+:40343771-40343806	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_5641	ELGADETLAIPK	AGAP003584-PA	-	76	2.94E-07	1	1256.674	0.53	Pupa	2R:+:40343771-40343806	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_7002	ANVGLGSQVLILGAGPIGLVTLIVAK	AGAP003584-PA	-	105	6.79E-12	1	2473.505	-2.54	Midgut	2R:+:40343630-40343707	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_8122	SDNLTAVLYGIEDLR	AGAP003584-PA	-	47	0.000248 091	2	1678.869	2.45	Male reproductive organs	2R:+:40343086-40343130	exon=> In CDS Exon 1 of transcript AGAP003584-PA
JHU_Ag_21020	VLVTDLLQNR	AGAP003584-PA	-	70	6.52E-07	1	1170.685	0.29	Pupa	2R:+:40343726-40343755	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_24525	ELGADETLAIPK	AGAP003584-PA	-	44	0.000476 879	2	1256.672	-0.93	Ovary	2R:+:40343771-40343806	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_33072	KPMVIGHEASGVVSK	AGAP003584-PA	M3(Oxidation)	45	0.000271 343	1	1554.835	2.55	Male reproductive organs	2R:+:40343318-40343362	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_37598	DATEAELVTIIHER	AGAP003584-PA	-	121	1.02E-11	1	1596.827	2.64	Malpighian tubule	2R:+:40343807-40343848	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_38217	KPMVIGHEASGVVSK	AGAP003584-PA	-	104	3.53E-10	1	1538.839	1.96	Malpighian tubule	2R:+:40343318-40343362	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_42877	VLVTDLLQNRLDVAK	AGAP003584-PA	-	65	5.93E-07	1	1696.998	1.27	Malpighian tubule	2R:+:40343726-40343770	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_43879	YCNDYPVALSLVASGK	AGAP003584-PA	C2(Carbamidomethyl)	68	2.07E-06	2	1756.861	2.13	Male reproductive organs	2R:+:40344029-40344039,40344103-40344139	exon=> In CDS Exon 2 and 3 of transcript AGAP003584-PA
JHU_Ag_54430	LEQRPIPVPK	AGAP003584-PA	-	38	0.000241 731	3	1176.711	0.84	Head	2R:+:40343131-40343160	exon=> In CDS Exon 1 of transcript AGAP003584-PA
JHU_Ag_60119	SDNLTAVLYGIEDLR	AGAP003584-PA	-	105	4.04E-10	2	1678.875	6.3	Head	2R:+:40343086-40343130	exon=> In CDS Exon 1 of transcript AGAP003584-PA

JHU_Ag_66108	KPMVIGHEASGVVSK	AGAP003584-PA	M3(Oxidation)	74	3.33E-07	1	1554.836	2.94	Larva	2R:+:40343318-40343362	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_66548	MGGAPDKTIDCSGAESTAR	AGAP003584-PA	C11(Carbamidomethyl)	64	3.54E-06	1	1923.853	-0.1	Malpighian tubule	2R:+:40343849-40343905	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_68960	VLVTDLLQNR	AGAP003584-PA	-	73	3.11E-07	1	1170.686	1.55	Malpighian tubule	2R:+:40343726-40343755	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_74652	LPLVNALAR	AGAP003584-PA	-	64	1.50E-07	2	966.609	-0.3	Midgut	2R:+:40343975-40344001	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_79025	YFAHPADFCYK	AGAP003584-PA	C9(Carbamidomethyl)	40	0.000686871	2	1418.620	0.16	Male reproductive organs	2R:+:40343522-40343554	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_79595	KPMVIGHEASGVVSK	AGAP003584-PA	M3(Oxidation)	108	1.30E-10	1	1554.833	1.28	Pupa	2R:+:40343318-40343362	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_81925	LITHHFNIEDTAK	AGAP003584-PA	-	48	0.000227623	1	1538.796	-0.27	Midgut	2R:+:40344155-40344193	exon=> In CDS Exon 3 of transcript AGAP003584-PA
JHU_Ag_84886	VLVTDLLQNR	AGAP003584-PA	-	73	2.77E-07	1	1170.685	0.4	Male reproductive organs	2R:+:40343726-40343755	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_88900	TIDCSGAESTAR	AGAP003584-PA	C4(Carbamidomethyl)	49	0.0001047	2	1267.557	-1.03	Midgut	2R:+:40343870-40343905	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_91808	ELGADETLAIPK	AGAP003584-PA	-	79	1.26E-07	2	1256.674	0.24	Midgut	2R:+:40343771-40343806	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_92055	SDNLTAVLYGIEDLR	AGAP003584-PA	-	87	2.49E-08	2	1678.865	0.34	Ovary	2R:+:40343086-40343130	exon=> In CDS Exon 1 of transcript AGAP003584-PA
JHU_Ag_93555	LPLVNALAR	AGAP003584-PA	-	64	1.31E-07	2	966.610	0.46	Pupa	2R:+:40343975-40344001	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_95164	LPLVNALAR	AGAP003584-PA	-	40	3.27E-05	1	966.609	-0.18	Malpighian tubule	2R:+:40343975-40344001	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_97824	LITHHFNIEDTAK	AGAP003584-PA	-	74	5.15E-07	1	1538.795	-0.58	Head	2R:+:40344155-40344193	exon=> In CDS Exon 3 of transcript AGAP003584-PA
JHU_Ag_98476	LPLVNALAR	AGAP003584-PA	-	67	6.37E-08	2	966.609	-0.81	Male reproductive organs	2R:+:40343975-40344001	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_100566	SGGVGVMVGMGAPEVK	AGAP003584-PA	M7(Oxidation), M10(Oxidation)	74	7.54E-07	1	1506.730	0.8	Midgut	2R:+:40343927-40343974	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_102190	YFAHPADFCYK	AGAP003584-PA	C9(Carbamidomethyl)	40	0.000528802	2	1418.619	-0.87	Midgut	2R:+:40343522-40343554	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_103616	YFAHPADFCYK	AGAP003584-PA	C9(Carbamidomethyl)	37	0.001161115	2	1418.620	0.07	Malpighian tubule	2R:+:40343522-40343554	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_104762	ELGADETLAIPK	AGAP003584-PA	-	87	1.97E-08	1	1256.672	-0.83	Male reproductive organs	2R:+:40343771-40343806	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_107015	YCNDYPVALSLVASGK	AGAP003584-PA	C2(Carbamidomethyl)	63	7.06E-06	2	1756.858	0.47	Malpighian tubule	2R:+:40344029-40344039,40344103-40344139	exon=> In CDS Exon 2 and 3 of transcript AGAP003584-PA
JHU_Ag_108101	LITHHFNIEDTAK	AGAP003584-PA	-	55	3.83E-05	2	1538.799	1.57	Male reproductive organs	2R:+:40344155-40344193	exon=> In CDS Exon 3 of transcript AGAP003584-PA
JHU_Ag_109044	KPMVIGHEASGVVSK	AGAP003584-PA	M3(Oxidation)	43	0.000496001	1	1554.830	-0.37	Midgut	2R:+:40343318-40343362	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_115998	DATEAELVTIIHER	AGAP003584-PA	-	83	7.16E-08	2	1596.824	0.58	Pupa	2R:+:40343807-40343848	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_117194	ELGADETLAIPK	AGAP003584-PA	-	33	0.004823046	2	1256.676	2.18	Malpighian tubule	2R:+:40343771-40343806	exon=> In CDS Exon 2 of transcript AGAP003584-PA
JHU_Ag_117707	LITHHFNIEDTAK	AGAP003584-PA	-	54	4.75E-05	1	1538.799	1.8	Malpighian tubule	2R:+:40344155-40344193	exon=> In CDS Exon 3 of transcript AGAP003584-PA
JHU_Ag_78	TVELLYAYVVPKPRDQCSK	AGAP003586-PA	C17(Carbamidomethyl)	103	4.14E-10	1	2266.194	1.56	Head	2R:-:40346821-40347142,40346388-40346697	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA
JHU_Ag_2582	LTLAEDGSR	AGAP003586-PA	-	58	3.47E-05	1	961.493	-1.54	Head	2R:-:40347519-40347493	exon=> In CDS Exon 1 of transcript AGAP003586-PA

JHU_Ag_2690	NVFHGFKLTLAEDGSR	AGAP003586-PA	-	102	1.00E-09	1	1790.925	3.69	Malpighian tubule	2R:-:40347540-40347493	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_4548	VQYANMLGEENAYLYR	AGAP003586-PA	M6(Oxidation)	96	3.91E-09	2	1949.911	2.59	Male reproductive organs	2R:-:40347106-40347059	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_5034	TVELLYAYVVPKPR	AGAP003586-PA	-	86	6.49E-09	1	1647.947	-0.06	Male reproductive organs	2R:-:40346821-40347142,40346388-40346712	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA
JHU_Ag_5317	MMGEEGIMAFYK	AGAP003586-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	76	7.08E-08	2	1454.596	-2.5	Midgut	2R:-:40346923-40346888	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_9229	YKNVFHGFK	AGAP003586-PA	-	40	0.001083689	1	1139.600	0.31	Male reproductive organs	2R:-:40347546-40347520	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_11311	QLGFMGMWNGLMPR	AGAP003586-PA	M5(Oxidation), M7(Oxidation), M12(Oxidation)	40	0.001052152	2	1685.764	2.41	Larva	2R:-:40346561-40346520	exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_11924	VKIQTMPGFASNMR	AGAP003586-PA	M6(Oxidation), M13(Oxidation),M6(Oxidation),M13(Oxidation)	93	7.27E-09	1	1595.800	-1.8	Malpighian tubule	2R:-:40346980-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_14306	NVFHGFK	AGAP003586-PA	-	38	0.003363977	1	848.439	-3.01	Visceras	2R:-:40347540-40347520	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_15239	TVELLYAYVVPKPR	AGAP003586-PA	-	101	1.81E-10	2	1647.950	1.95	Visceras	2R:-:40346821-40347142,40346388-40346712	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA
JHU_Ag_17270	NVFHGFK	AGAP003586-PA	N1(Deamidated)	43	0.000809417	1	849.425	-0.14	Malpighian tubule	2R:-:40347540-40347520	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_18108	VQYANMLGEENAYLYR	AGAP003586-PA	M6(Oxidation)	128	2.19E-12	1	1949.910	1.72	Pupa	2R:-:40347106-40347059	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_19888	FACFEKTVELLYAYVVPKPR	AGAP003586-PA	C3(Carbamidomethyl)	134	4.06E-13	1	2430.292	1.35	Malpighian tubule	2R:-:40346839-40347142,40346388-40346712	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA
JHU_Ag_19931	IQTMPGFASNMR	AGAP003586-PA	M4(Oxidation), M11(Oxidation)	62	7.38E-06	1	1384.635	-0.12	Male reproductive organs	2R:-:40346974-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_20234	FFLLCGLGGIISCGSTHTFVVPLDLVK	AGAP003586-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	109	8.42E-11	1	2950.548	-2.96	Midgut	2R:-:40347654-40347574	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_22110	MMGEEGIMAFYK	AGAP003586-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	63	3.53E-06	2	1406.617	0.88	Visceras	2R:-:40346923-40346888	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_28264	VQYANMLGEENAYLYR	AGAP003586-PA	M6(Oxidation)	133	6.95E-13	1	1949.899	-3.6	Midgut	2R:-:40347106-40347059	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_36729	LTLAEDGSR	AGAP003586-PA	-	54	8.25E-05	1	961.496	1.24	Salivary gland	2R:-:40347519-40347493	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_37708	MMGEEGIMAFYK	AGAP003586-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)","M1(Oxidation), M8(Oxidation)","M1(Oxidation), M2(Oxidation), M8(Oxidation)",M1(Oxidation)	93	3.78E-09	2	1406.620	3.31	Malpighian tubule	2R:-:40346923-40346888	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_37992	VQYANMLGEENAYLYR	AGAP003586-PA	M6(Oxidation)	129	1.88E-12	1	1949.907	0.59	Head	2R:-:40347106-40347059	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_41071	VQYANMLGEENAYLYR	AGAP003586-PA	M6(Oxidation)	98	2.17E-09	2	1949.912	3.16	Larva	2R:-:40347106-40347059	exon=> In CDS Exon 2 of transcript AGAP003586-PA

JHU_Ag_41836	MMGEEGIMAFYKGLVPLWCR	AGAP003586-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation), C19(Carbamidomethyl)," M1(Oxidation), M2(Oxidation), C19(Carbamidomethyl)"	128	2.57E-12	1	2420.138	4.54	Malpighian tubule	2R:-:40346923-40346864	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_41874	VQYANMLGEENAYLYR	AGAP003586-PA	M6(Oxidation)	135	4.87E-13	1	1933.912	0.17	Visceras	2R:-:40347106-40347059	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_42024	IQTMPGFASNMR	AGAP003586-PA	M4(Oxidation), M11(Oxidation),M11(Oxidation),M4(Oxidation)	79	1.89E-07	1	1368.642	1.42	Malpighian tubule	2R:-:40346974-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_42400	TVELLYAYVVPKPR	AGAP003586-PA	-	102	1.53E-10	1	1647.948	0.47	Head	2R:-:40346821-40347142,40346388-40346712	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA
JHU_Ag_43614	VKIQTMPGFASNMR	AGAP003586-PA	M6(Oxidation), M13(Oxidation)	38	0.00251088	1	1611.796	-1.35	Male reproductive organs	2R:-:40346980-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_44874	QLGFMGMWNGLMPR	AGAP003586-PA	M5(Oxidation),"M5(Oxidation), M7(Oxidation), M12(Oxidation)"	73	6.01E-07	1	1685.764	2.63	Malpighian tubule	2R:-:40346561-40346520	exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_45231	MMGEEGIMAFYK	AGAP003586-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	42	0.000206202	2	1454.601	0.94	Pupa	2R:-:40346923-40346888	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_45487	IQTMPGFASNMREAMPK	AGAP003586-PA	M11(Oxidation), M15(Oxidation),"M4(Oxidation), M11(Oxidation), M15(Oxidation)"	49	0.000137404	1	1956.900	1.31	Malpighian tubule	2R:-:40346974-40346924	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_52702	NVFHGFK	AGAP003586-PA	N1(Deamidated)	50	0.000147273	1	849.422	-3.52	Head	2R:-:40347540-40347520	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_53686	LQVDQAKYK	AGAP003586-PA	-	72	6.46E-07	1	1092.606	0.86	Malpighian tubule	2R:-:40347567-40347541	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_56046	LTLAEDGSR	AGAP003586-PA	-	54	8.14E-05	1	961.498	3.21	Male reproductive organs	2R:-:40347519-40347493	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_57197	TVELLYAYVVPKPR	AGAP003586-PA	-	83	1.39E-08	2	1647.945	-1.24	Midgut	2R:-:40346821-40347142,40346388-40346712	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA
JHU_Ag_67574	TVELLYAYVVPKPR	AGAP003586-PA	-	91	1.56E-09	1	1647.953	3.43	Pupa	2R:-:40346821-40347142,40346388-40346712	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA
JHU_Ag_67616	VKIQTMPGFASNMR	AGAP003586-PA	M6(Oxidation), M13(Oxidation)	34	0.006087153	1	1611.800	0.84	Head	2R:-:40346980-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_70660	MMGEEGIMAFYK	AGAP003586-PA	M1(Oxidation), M2(Oxidation),M8(Oxidation),"M1(Oxidation), M2(Oxidation), M8(Oxidation)"	80	5.04E-08	1	1438.608	1.91	Head	2R:-:40346923-40346888	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_73771	LTLAEDGSR	AGAP003586-PA	-	47	0.000365953	1	961.493	-1.6	Pupa	2R:-:40347519-40347493	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_75270	TVELLYAYVVPKPR	AGAP003586-PA	-	110	2.47E-11	2	1647.950	1.73	Malpighian tubule	2R:-:40346821-40347142,40346388-40346712	exon=> In CDS Exon 3 and 2 of transcript AGAP003586-PA

JHU_Ag_76168	IQTMPGFASNMR	AGAP003586-PA	M4(Oxidation), M11(Oxidation),M11(Oxidation),M4(Oxidation)	83	7.38E-08	1	1368.642	1.69	Head	2R:-:40346974-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_80752	LTLAEDGSR	AGAP003586-PA	-	61	1.73E-05	2	961.494	-0.79	Visceras	2R:-:40347519-40347493	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_83828	QLGFMGMWNGLMPR	AGAP003586-PA	M5(Oxidation), M12(Oxidation),"M5(Oxidation), M7(Oxidation)","M7(Oxidation), M12(Oxidation)"	83	6.72E-08	1	1669.765	0.34	Head	2R:-:40346561-40346520	exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_87873	QLGFMGMWNGLMPR	AGAP003586-PA	-	60	1.63E-05	2	1637.779	2.63	Visceras	2R:-:40346561-40346520	exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_100630	VQYANMLGEENAYLYR	AGAP003586-PA	M6(Oxidation)	147	3.65E-14	1	1933.918	3.46	Malpighian tubule	2R:-:40347106-40347059	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_103886	IQTMPGFASNMR	AGAP003586-PA	M4(Oxidation), M11(Oxidation)	51	7.86E-05	1	1384.636	0.94	Pupa	2R:-:40346974-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_104298	MMGEEGIMAFYK	AGAP003586-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	57	7.39E-06	2	1454.607	4.96	Larva	2R:-:40346923-40346888	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_106068	LQVDQAK	AGAP003586-PA	-	39	0.001739137	1	801.444	-2.6	Head	2R:-:40347567-40347547	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_106991	KLGVQ	AGAP003586-PA	-	40	0.000634097	1	544.346	1.09	Head	2R:-:40346405-40346391	exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_107522	IQTMPGFASNMR	AGAP003586-PA	M4(Oxidation), M11(Oxidation),M11(Oxidation)	67	1.96E-06	1	1384.635	0.23	Visceras	2R:-:40346974-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_110215	FFLLCGLGGIISCGSTHTFVVPLDLVK	AGAP003586-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	49	7.20E-05	3	2950.565	2.56	Visceras	2R:-:40347654-40347574	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_113843	LTLAEDGSR	AGAP003586-PA	-	55	6.52E-05	2	961.497	2.13	Malpighian tubule	2R:-:40347519-40347493	exon=> In CDS Exon 1 of transcript AGAP003586-PA
JHU_Ag_115682	MMGEEGIMAFYK	AGAP003586-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	68	6.21E-07	1	1454.601	0.85	Male reproductive organs	2R:-:40346923-40346888	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_116762	IQTMPGFASNMR	AGAP003586-PA	M4(Oxidation), M11(Oxidation)	66	2.41E-06	2	1384.628	-4.8	Midgut	2R:-:40346974-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_116974	IQTMPGFASNMR	AGAP003586-PA	M4(Oxidation), M11(Oxidation)	54	4.41E-05	2	1384.639	2.7	Larva	2R:-:40346974-40346939	exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_10653	EVVTPLLSPDR	AGAP003587-PA	-	40	0.000558847	1	1225.682	2.4	Malpighian tubule	2R:-:40355346-40355314	exon=> In CDS Exon 4 of transcript AGAP003587-PA
JHU_Ag_15930	LVNEFDYTAATGLQMLQK	AGAP003587-PA	-	172	8.39E-17	1	2042.032	2.76	Malpighian tubule	2R:-:40355645-40356587,40355281-40355521	exon=> In CDS Exon 4 and 3 of transcript AGAP003587-PA
JHU_Ag_25925	IPLIVYGSTNEVR	AGAP003587-PA	-	62	6.04E-06	1	1460.812	1.02	Malpighian tubule	2R:-:40355502-40355464	exon=> In CDS Exon 4 of transcript AGAP003587-PA
JHU_Ag_51914	AFGGSGINPTR	AGAP003587-PA	-	82	1.29E-07	1	1076.549	0.68	Malpighian tubule	2R:-:40356236-40356204	exon=> In CDS Exon 3 of transcript AGAP003587-PA
JHU_Ag_52560	GGSGSGFASTVR	AGAP003587-PA	-	82	7.83E-08	2	1082.525	2.54	Malpighian tubule	2R:-:40356764-40356729	exon=> In CDS Exon 2 of transcript AGAP003587-PA
JHU_Ag_58333	TVVEKLPEAR	AGAP003587-PA	-	53	3.23E-05	1	1141.657	-0.3	Malpighian tubule	2R:-:40356728-40356699	exon=> In CDS Exon 2 of transcript AGAP003587-PA
JHU_Ag_74910	GERPFILTGTVK	AGAP003587-PA	-	46	0.000119071	2	1317.755	1.97	Malpighian tubule	2R:-:40356446-40356411	exon=> In CDS Exon 3 of transcript AGAP003587-PA
JHU_Ag_78228	KIPLIVYGSTNEVR	AGAP003587-PA	-	86	8.87E-09	1	1588.906	0.32	Malpighian tubule	2R:-:40355505-40355464	exon=> In CDS Exon 4 of transcript AGAP003587-PA

JHU_Ag_2799	EWGNPLPDMEGFQPEHSDH	AGAP003588-PA	M9(Oxidation)	29	0.004084604	1	2237.921	0.83	Head	2R:+:40362853-40362909	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_15460	EWGNPLPDMEGFQPEHSDH	AGAP003588-PA	M9(Oxidation)	79	4.63E-08	1	2221.924	-0.15	Midgut	2R:+:40362853-40362909	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_16196	LHQNTILIMAR	AGAP003588-PA	M9(Oxidation)	96	1.74E-09	1	1325.737	0.93	Malpighian tubule	2R:+:40362820-40362852	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_33176	LHQNTILIMAR	AGAP003588-PA	M9(Oxidation)	64	3.22E-06	1	1325.734	-1.1	Head	2R:+:40362820-40362852	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_60385	EWGNPLPDMEGFQPEHSDH	AGAP003588-PA	M9(Oxidation)	120	3.47E-12	1	2221.928	1.38	Malpighian tubule	2R:+:40362853-40362909	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_63329	LHQNTILIMAR	AGAP003588-PA	M9(Oxidation)	77	1.19E-07	1	1309.741	-0.24	Midgut	2R:+:40362820-40362852	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_78663	LHQNTILIMAREWGNPLPDMEGFQPEHSDH	AGAP003588-PA	M20(Oxidation),"M9(Oxidation), M20(Oxidation)",M9(Oxidation)	114	4.37E-11	1	3528.656	3.87	Malpighian tubule	2R:+:40362820-40362909	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_117319	LHQNTILIMAR	AGAP003588-PA	M9(Oxidation)	80	6.61E-08	1	1325.738	1.85	Larva	2R:+:40362820-40362852	exon=> In CDS Exon 3 of transcript AGAP003588-PA
JHU_Ag_835	LLNHIKGNVGFVFTK	AGAP003592-PA	-	83	1.90E-08	1	1686.971	1	Malpighian tubule	2R:-:40370012-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_1878	VVQLLDEYPR	AGAP003592-PA	-	51	0.000118131	1	1231.667	-1.25	Head	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_2213	LLNHIK	AGAP003592-PA	-	26	0.002299978	2	737.466	-1.18	Head	2R:-:40370012-40369995	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_2591	FAAATATTASAAAPAAK	AGAP003592-PA	-	70	1.55E-06	2	1491.778	-1.36	Midgut	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_2712	CFIVGADNVGSR	AGAP003592-PA	C1(Carbamidomethyl)	69	2.01E-06	1	1294.621	-0.2	Ovary	2R:-:40370165-40370130	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_2747	GNVGFVFTK	AGAP003592-PA	-	47	0.000175312	2	968.517	-3.19	Midgut	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_5248	GNVGFVFTK	AGAP003592-PA	-	47	0.00016436	1	968.522	1.98	Salivary gland	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_5598	VVQLLDEYPR	AGAP003592-PA	-	69	1.71E-06	1	1231.670	1.67	Visceras	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_6890	GSAIVLMGK	AGAP003592-PA	M7(Oxidation)	44	0.000414308	2	891.496	-1.17	Ovary	2R:-:40370099-40370073	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_7742	GDLAEIRDK	AGAP003592-PA	-	49	0.000232657	1	1016.540	2.4	Salivary gland	2R:-:40369967-40369941	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_7856	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	-	64	1.38E-06	1	2145.193	0.88	Visceras	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_8052	AGAIAPLEVVIPAQNTGLGPEKTSFFQALSIPTK	AGAP003592-PA	-	60	1.77E-06	1	3465.910	3.07	Malpighian tubule	2R:-:40369907-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_8714	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	-	102	1.97E-10	1	2145.198	3.16	Malpighian tubule	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_11615	FAAATATTASAAAPAAK	AGAP003592-PA	-	124	6.29E-12	2	1491.782	0.93	Visceras	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_13010	SNYFLK	AGAP003592-PA	-	42	0.00033834	2	771.405	2.33	Malpighian tubule	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_14085	NLLAIAAVTEVEFK	AGAP003592-PA	-	93	2.64E-09	2	1517.863	3.55	Pupa	2R:-:40369505-40369464	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_15421	GSAIVLMGK	AGAP003592-PA	-	50	9.26E-05	2	875.503	1.09	Malpighian tubule	2R:-:40370099-40370073	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_16299	GSAIVLMGK	AGAP003592-PA	M7(Oxidation)	58	1.39E-05	2	875.501	-0.79	Salivary gland	2R:-:40370099-40370073	exon=> In CDS Exon 2 of transcript AGAP003592-PA

JHU_Ag_20885	EFIKDPSK	AGAP003592-PA	-	52	8.70E-05	1	963.516	1.68	Larva	2R:-:40369445-40369422	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_20929	GDLAEIR	AGAP003592-PA	-	45	0.000666846	2	773.415	-0.2	Male reproductive organs	2R:-:40369967-40369947	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_22018	CFIVGADNVGSR	AGAP003592-PA	C1(Carbamidomethyl)	61	1.13E-05	2	1294.622	0.55	Salivary gland	2R:-:40370165-40370130	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_23074	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	N15(Deamidated),Q14(Deamidated)	102	1.83E-10	1	2145.198	3.06	Pupa	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_23479	TSFFQALSIPTKISK	AGAP003592-PA	-	80	3.76E-08	1	1667.944	4.5	Malpighian tubule	2R:-:40369841-40369797	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_25307	LLNHIK	AGAP003592-PA	-	30	0.001343325	2	737.468	1.05	Visceras	2R:-:40370012-40369995	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_26502	GHLENNQNLEK	AGAP003592-PA	-	64	5.99E-06	2	1295.637	2.31	Salivary gland	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_27247	GHLENNQNLEK	AGAP003592-PA	-	38	0.002353295	2	1295.634	0.33	Visceras	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_27500	EFIKDPSK	AGAP003592-PA	-	41	0.001121665	1	963.519	4.65	Male reproductive organs	2R:-:40369445-40369422	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_28912	GTIEIINDVPILKPGDK	AGAP003592-PA	N7(Deamidated)	126	7.86E-13	1	1822.042	5.43	Larva	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_29046	GHLENNQNLEK	AGAP003592-PA	-	70	1.60E-06	2	1295.634	0.04	Midgut	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_29346	SNYFLK	AGAP003592-PA	-	50	5.39E-05	2	771.406	2.57	Larva	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_29388	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	-	86	7.18E-09	1	2145.200	4	Larva	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_29690	TSFFQALSIPTK	AGAP003592-PA	Q5(Deamidated)	88	1.58E-08	2	1339.725	-0.58	Pupa	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_29950	GNVGFVFTK	AGAP003592-PA	-	40	0.000835241	2	968.519	-0.98	Head	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_34063	GSAIVLMGK	AGAP003592-PA	M7(Oxidation)	53	4.86E-05	2	891.497	0.2	Male reproductive organs	2R:-:40370099-40370073	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_34094	VVQLLDEYPR	AGAP003592-PA	-	88	1.99E-08	2	1231.672	3.05	Malpighian tubule	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_34118	LLNHIK	AGAP003592-PA	-	34	0.00047883	2	737.468	1.63	Ovary	2R:-:40370012-40369995	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_35920	VVQLLDEYPRCFIVGADNVGSR	AGAP003592-PA	C11(Carbamidomethyl)	77	2.31E-07	1	2507.291	7.81	Malpighian tubule	2R:-:40370511-40370559,40369299-40370130	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_37972	GHLENNQNLEK	AGAP003592-PA	-	70	1.42E-06	1	1295.636	1.93	Male reproductive organs	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_41289	GHLENNQNLEK	AGAP003592-PA	-	64	6.65E-06	2	1295.641	5.6	Larva	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_47550	TSFFQALSIPTK	AGAP003592-PA	-	87	1.73E-08	2	1339.728	1.79	Head	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_48156	GDLAEIRDK	AGAP003592-PA	-	49	0.000227727	1	1016.533	-3.97	Male reproductive organs	2R:-:40369967-40369941	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_50450	GDLAEIR	AGAP003592-PA	-	40	0.001299808	2	773.414	-1.23	Pupa	2R:-:40369967-40369947	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_50979	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	-	66	7.20E-07	1	2145.197	2.7	Midgut	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_51669	SNYFLK	AGAP003592-PA	-	43	0.000304959	1	771.404	0.04	Male reproductive organs	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_52101	NLLAIAAVTEVEFK	AGAP003592-PA	N1(Deamidated)	85	1.38E-08	2	1517.860	1.78	Malpighian tubule	2R:-:40369505-40369464	exon=> In CDS Exon 2 of transcript AGAP003592-PA

JHU_Ag_52356	CFIVGADNVGSR	AGAP003592-PA	C1(Carbamidomethyl)	54	5.28E-05	1	1294.623	1.4	Malpighian tubule	2R:-:40370165-40370130	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_53765	TSFFQALSIPTK	AGAP003592-PA	-	92	6.21E-09	2	1339.730	3.52	Visceras	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_54055	GSAIVLMGK	AGAP003592-PA	M7(Oxidation)	58	1.64E-05	2	891.499	2.12	Larva	2R:-:40370099-40370073	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_54269	GHLENNQNLEK	AGAP003592-PA	N5(Deamidated)	46	0.000341834	2	1296.618	0.04	Pupa	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_54542	GTIEIINDVPILKPGDK	AGAP003592-PA	N7(Deamidated)	121	2.74E-12	1	1822.036	2.15	Ovary	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_54861	FAAATATTASAAAPAAK	AGAP003592-PA	-	105	5.24E-10	1	1491.779	-0.62	Ovary	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_55136	GTIEIINDVPILKPGDK	AGAP003592-PA	-	103	1.78E-10	1	1822.036	2.22	Salivary gland	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_55830	TSFFQALSIPTK	AGAP003592-PA	-	84	3.60E-08	2	1339.732	4.52	Malpighian tubule	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_56190	GNVGFVFTK	AGAP003592-PA	-	65	2.69E-06	1	968.520	0.22	Pupa	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_56528	LLNHIK	AGAP003592-PA	-	33	0.000651 9	2	737.469	3.54	Larva	2R:-:40370012-40369995	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_57198	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	-	136	8.97E-14	1	2145.195	1.53	Head	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_57686	FAAATATTASAAAPAAKAEEK	AGAP003592-PA	-	39	0.001666678	1	1949.003	2.77	Malpighian tubule	2R:-:40369421-40369359	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_58230	SNYFLK	AGAP003592-PA	-	45	0.000217391	2	771.404	0.2	Salivary gland	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_58669	CFIVGADNVGSR	AGAP003592-PA	C1(Carbamidomethyl)	77	2.76E-07	2	1294.618	-2.09	Midgut	2R:-:40370165-40370130	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_61463	VVQLLDEYPR	AGAP003592-PA	-	67	2.68E-06	1	1231.669	0.77	Ovary	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_62240	GHLENNQNLEK	AGAP003592-PA	-	75	4.96E-07	1	1295.637	2.59	Malpighian tubule	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_62462	GTIEIINDVPILKPGDK	AGAP003592-PA	N7(Deamidated)	131	2.85E-13	1	1822.035	1.81	Pupa	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_63038	NLLAIAAVTEVEFK	AGAP003592-PA	-	121	4.45E-12	1	1517.858	0.28	Ovary	2R:-:40369505-40369464	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_63539	FAAATATTASAAAPAAK	AGAP003592-PA	-	121	1.07E-11	1	1491.783	1.59	Male reproductive organs	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_63883	FAAATATTASAAAPAAK	AGAP003592-PA	-	121	1.20E-11	2	1491.781	0.2	Pupa	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_65949	SNYFLK	AGAP003592-PA	-	36	0.001705611	1	771.403	-0.65	Head	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_66528	DKLTESK	AGAP003592-PA	-	38	0.001855114	1	820.442	1.53	Ovary	2R:-:40369946-40369926	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_67016	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	N15(Deamidated),Q14(Deamidated)	157	6.71E-16	1	2145.191	-0.18	Salivary gland	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_67354	GDLAEIR	AGAP003592-PA	-	38	0.002279707	2	773.415	-0.59	Head	2R:-:40369967-40369947	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_69670	VGASEATLLNMLNISPFSYGLQIQQVYDSGSIFSPEILDIK	AGAP003592-PA	M11(Oxidation)	122	2.71E-12	1	4474.292	3.93	Ovary	2R:-:40369745-40369623	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_69860	GDLAEIR	AGAP003592-PA	-	49	0.000184026	2	773.415	-0.83	Ovary	2R:-:40369967-40369947	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_71672	TSFFQALSIPTK	AGAP003592-PA	-	86	2.30E-08	2	1339.726	-0.04	Midgut	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA

JHU_Ag_71710	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	-	152	1.84E-15	1	2145.200	4	Male reproductive organs	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_76225	GTIEIINDVPILKPGDK	AGAP003592-PA	N7(Deamidated)	116	9.96E-12	1	1822.033	0.68	Male reproductive organs	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_77297	NLLAIAAVTEVEFK	AGAP003592-PA	-	112	2.76E-11	2	1517.866	5.64	Larva	2R:-:40369505-40369464	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_79144	VVQLLDEYPR	AGAP003592-PA	-	71	8.34E-07	1	1231.673	3.95	Larva	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_82235	FAAATATTASAAAPAAK	AGAP003592-PA	-	126	4.27E-12	1	1491.780	0.03	Head	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_82437	VVQLLDEYPR	AGAP003592-PA	-	62	7.96E-06	1	1231.669	1.07	Salivary gland	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_82740	EFIKDPSK	AGAP003592-PA	-	58	2.60E-05	2	963.513	-1.19	Pupa	2R:-:40369445-40369422	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_82996	TSFFQALSIPTK	AGAP003592-PA	-	87	2.04E-08	2	1339.726	0.33	Salivary gland	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_83354	SNYFLK	AGAP003592-PA	-	47	0.000137481	2	771.404	0.44	Pupa	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_84379	FAAATATTASAAAPAAK	AGAP003592-PA	-	115	4.71E-11	1	1491.783	1.83	Malpighian tubule	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_85986	SNYFLK	AGAP003592-PA	-	42	0.000390159	2	771.404	0.44	Midgut	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_86949	CFIVGADNVGSR	AGAP003592-PA	C1(Carbamidomethyl)	59	1.91E-05	1	1294.623	1.68	Visceras	2R:-:40370165-40370130	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_88141	GTIEIINDVPILKPGDK	AGAP003592-PA	-	117	7.34E-12	1	1822.037	2.62	Visceras	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_89368	TSFFQALSIPTK	AGAP003592-PA	-	73	3.85E-07	2	1339.732	4.79	Larva	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_91419	EFIKDPSK	AGAP003592-PA	-	43	0.000777178	2	963.516	1.53	Salivary gland	2R:-:40369445-40369422	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_92322	NLLAIAAVTEVEFK	AGAP003592-PA	-	127	1.03E-12	2	1517.858	0.57	Midgut	2R:-:40369505-40369464	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_92459	LLNHIK	AGAP003592-PA	-	30	0.001169988	2	737.468	1.55	Male reproductive organs	2R:-:40370012-40369995	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_92517	GNVGFVFTK	AGAP003592-PA	-	56	2.24E-05	2	968.524	3.62	Larva	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_93819	VVQLLDEYPR	AGAP003592-PA	-	79	1.66E-07	2	1231.669	0.38	Midgut	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_94628	VVQLLDEYPR	AGAP003592-PA	-	88	2.38E-08	1	1231.671	1.96	Pupa	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_94861	CFIVGADNVGSR	AGAP003592-PA	C1(Carbamidomethyl)	39	0.001915738	2	1294.622	0.74	Head	2R:-:40370165-40370130	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_94916	GTIEIINDVPILKPGDK	AGAP003592-PA	N7(Deamidated)	123	1.48E-12	1	1822.040	4.16	Midgut	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_95157	GHLENNQNLEK	AGAP003592-PA	-	83	7.74E-08	1	1295.627	-5.23	Head	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_95176	GSAIVLMGK	AGAP003592-PA	M7(Oxidation)	62	5.16E-06	2	875.502	-0.16	Pupa	2R:-:40370099-40370073	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_96116	SNYFLK	AGAP003592-PA	-	45	0.000225 03	2	771.404	0.91	Ovary	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_97216	GNVGFVFTK	AGAP003592-PA	-	71	7.42E-07	1	968.520	0.4	Ovary	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA

JHU_Ag_100718	VVQLLDEYPR	AGAP003592-PA	-	76	3.99E-07	1	1231.671	2.26	Male reproductive organs	2R:-:40370511-40370559,40369299-40370166	exon=> In CDS Exon 2 and 1 of transcript AGAP003592-PA
JHU_Ag_101382	FAAATATTASAAAPAAK	AGAP003592-PA	-	114	6.40E-11	2	1491.781	0.36	Salivary gland	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_101767	TSFFQALSIPTK	AGAP003592-PA	-	88	1.39E-08	2	1339.730	2.97	Ovary	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_102171	GSAIVLMGK	AGAP003592-PA	-	36	0.002016634	1	875.505	4.03	Midgut	2R:-:40370099-40370073	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_103507	NLLAIAAVTEVEFK	AGAP003592-PA	-	109	6.93E-11	1	1517.858	0.49	Salivary gland	2R:-:40369505-40369464	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_105142	GHLENNQNLEK	AGAP003592-PA	N5(Deamidated)	91	9.97E-09	1	1295.635	0.7	Ovary	2R:-:40370045-40370013	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_105844	NLLAIAAVTEVEFK	AGAP003592-PA	-	93	2.50E-09	2	1517.862	2.99	Head	2R:-:40369505-40369464	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_107080	SNYFLK	AGAP003592-PA	-	40	0.000550039	2	771.405	1.46	Visceras	2R:-:40370529-40370512	exon=> In CDS Exon 1 of transcript AGAP003592-PA
JHU_Ag_107501	NLLAIAAVTEVEFKEAETVK	AGAP003592-PA	-	57	1.07E-05	1	2175.197	2.91	Salivary gland	2R:-:40369505-40369446	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_108758	CFIVGADNVGSR	AGAP003592-PA	C1(Carbamidomethyl)	48	0.000265663	2	1294.621	-0.2	Pupa	2R:-:40370165-40370130	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_109852	GNVGFVFTK	AGAP003592-PA	-	71	7.08E-07	1	968.521	0.59	Visceras	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_110367	AGAIAPLEVVIPAQNTGLGPEK	AGAP003592-PA	-	155	1.28E-15	1	2145.189	-0.95	Ovary	2R:-:40369907-40369842	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_111063	GHLENNQNLEKLLNHIK	AGAP003592-PA	-	91	6.90E-09	1	2014.085	0.97	Malpighian tubule	2R:-:40370045-40369995	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_112171	GTIEIINDVPILKPGDK	AGAP003592-PA	-	117	6.77E-12	1	1822.035	1.35	Head	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_112441	GTIEIINDVPILKPGDK	AGAP003592-PA	-	123	1.59E-12	1	1822.037	2.48	Malpighian tubule	2R:-:40369796-40369746	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_112635	TSFFQALSIPTK	AGAP003592-PA	-	95	2.63E-09	2	1339.725	-0.22	Male reproductive organs	2R:-:40369841-40369806	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_112679	GDLAEIR	AGAP003592-PA	-	54	9.06E-05	1	773.417	2.48	Larva	2R:-:40369967-40369947	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_113316	GDLAEIRDK	AGAP003592-PA	-	40	0.001781539	1	1016.538	0.72	Midgut	2R:-:40369967-40369941	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_113342	FAAATATTASAAAPAAK	AGAP003592-PA	-	97	2.89E-09	2	1491.786	3.88	Larva	2R:-:40369421-40369371	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_114419	GNVGFVFTK	AGAP003592-PA	-	65	2.63E-06	1	968.520	0.34	Male reproductive organs	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_114469	DKLTESK	AGAP003592-PA	-	42	0.000722267	1	820.445	5.2	Salivary gland	2R:-:40369946-40369926	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_117708	GNVGFVFTK	AGAP003592-PA	-	64	3.46E-06	1	968.522	2.48	Malpighian tubule	2R:-:40369994-40369968	exon=> In CDS Exon 2 of transcript AGAP003592-PA
JHU_Ag_33288	KLEQIK	AGAP003593-PA	-	42	0.000454262	2	758.476	-0.89	Salivary gland	2R:-:40373902-40373885	exon=> In CDS Exon 2 of transcript AGAP003593-PA
JHU_Ag_42462	KLEQIK	AGAP003593-PA	-	49	0.000117984	2	758.480	3.7	Malpighian tubule	2R:-:40373902-40373885	exon=> In CDS Exon 2 of transcript AGAP003593-PA
JHU_Ag_69944	HNEFIGFWK	AGAP003593-PA	-	51	0.000155168	2	1177.584	3.9	Ovary	2R:-:40373305-40373279	exon=> In CDS Exon 3 of transcript AGAP003593-PA
JHU_Ag_110025	QTIFYLEEPVPVREGQTIGGK	AGAP003593-PA	-	45	0.000221483	3	2361.261	6.81	Malpighian tubule	2R:-:40372993-40372931	exon=> In CDS Exon 3 of transcript AGAP003593-PA
JHU_Ag_103732	LCLDSLPK	AGAP003594-PA	C2(Carbamidomethyl)	41	0.001468913	1	945.497	-11.48	Head	2R:+:40375399-40375422	exon=> In CDS Exon 1 of transcript AGAP003594-PA

JHU_Ag_7578	IVLQQEDEEEPDMDVQR	AGAP003595-PA	-	67	2.33E-06	2	2072.946	0.68	Ovary	2R:+:40381027-40381077	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_15019	LTQYYQENPISLQSVR	AGAP003595-PA	-	85	5.26E-08	2	1938.992	0.18	Ovary	2R:+:40380403-40380450	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_27484	HHYNDFVGNTLSTNTVEAQFVK	AGAP003595-PA	-	107	3.23E-10	1	2521.223	4.92	Ovary	2R:+:40381168-40381233	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_34590	GIVTTVLPERPASSYK	AGAP003595-PA	-	44	0.000228494	1	1717.952	2.01	Ovary	2R:+:40380889-40380936	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_48368	LNGIVQITNISEAYSK	AGAP003595-PA	-	77	2.21E-07	2	1749.939	0.53	Ovary	2R:+:40378687-40378734	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_53720	LTQYYQENPISLQSVR	AGAP003595-PA	-	82	9.02E-08	1	1939.003	5.59	Malpighian tubule	2R:+:40380403-40380450	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_69220	VAHLNPTPTK	AGAP003595-PA	-	40	0.000759734	1	1077.608	3.05	Malpighian tubule	2R:+:40380598-40380627	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_70605	VLQLLSTGALVGVGR	AGAP003595-PA	-	86	2.78E-09	2	1482.903	1.64	Ovary	2R:+:40379734-40379778	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_78784	GIVTTVLPERPASSYK	AGAP003595-PA	-	37	0.001089665	1	1717.956	4.35	Malpighian tubule	2R:+:40380889-40380936	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_99045	NENRDEAHLLFEQILTSYPK	AGAP003595-PA	-	95	4.90E-09	1	2417.233	9.64	Ovary	2R:+:40382572-40382631	exon=> In CDS Exon 3 of transcript AGAP003595-PA
JHU_Ag_100503	FFNNLSGR	AGAP003595-PA	-	47	0.000237085	2	954.479	-0.12	Ovary	2R:+:40380025-40380048	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_101603	ILEQLLK	AGAP003595-PA	-	42	0.00016881	1	856.551	0.94	Ovary	2R:+:40382302-40382322	exon=> In CDS Exon 2 of transcript AGAP003595-PA
JHU_Ag_39387	DTDGFLGDFSSDAIR	AGAP003596-PA	-	76	2.39E-07	2	1615.727	2.43	Head	2R:+:40390930-40390974	exon=> In CDS Exon 4 of transcript AGAP003596-PA
JHU_Ag_4936	LTPLSPEVISR	AGAP003597-PA,AGAP003597-PB	-	35	0.001788835	2	1211.696	-2.59	Midgut	2R:-:40400641-40400609;2R:-:40400641-40400609	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_14326	AISGVQTVR	AGAP003597-PA,AGAP003597-PB	-	41	0.000980868	2	930.536	-0.81	Midgut	2R:-:40400545-40400519;2R:-:40400545-40400519	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_16354	QATINIGTIGHVAHGK	AGAP003597-PA,AGAP003597-PB	-	67	1.69E-06	1	1616.887	-0.09	Ovary	2R:-:40400608-40400561;2R:-:40400608-40400561	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_16902	SSGDQQMSTATTGQPHLQQQDLSK	AGAP003597-PA,AGAP003597-PB	N-Term(Acetyl), M7(Oxidation)	123	5.88E-12	1	2631.197	0.82	Ovary	2R:-:40401190-40401119;2R:-:40401190-40401119	exon=> In CDS Exon 1 of transcript AGAP003597-PA;exon=> In CDS Exon 1 of transcript AGAP003597-PB
JHU_Ag_17133	AISGVQTVR	AGAP003597-PA,AGAP003597-PB	-	55	4.21E-05	2	930.536	-0.61	Salivary gland	2R:-:40400545-40400519;2R:-:40400545-40400519	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_17907	LTPLSPEVISR	AGAP003597-PA,AGAP003597-PB	-	52	2.72E-05	1	1211.700	0.33	Ovary	2R:-:40400641-40400609;2R:-:40400641-40400609	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_24185	QATINIGTIGHVAHGK	AGAP003597-PA,AGAP003597-PB	-	33	0.004489 96	1	1616.886	-0.71	Malpighian tubule	2R:-:40400608-40400561;2R:-:40400608-40400561	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB

JHU_Ag_34456	LTPLSPEVISR	AGAP003597-PA,AGAP003597-PB	-	40	0.000457886	1	1211.702	2.05	Malpighian tubule	2R:-:40400641-40400609;2R:-:40400641-40400609	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_38777	SSGDQQMSTATTGQPHLQQQDLSKLDITK	AGAP003597-PA,AGAP003597-PB	N-Term(Acetyl)	116	2.99E-11	1	3185.544	2	Malpighian tubule	2R:-:40401190-40401193,40400479-40400642;2R:-:40401190-40401193,40400479-40400642	exon=> In CDS Exon 2 and 1 of transcript AGAP003597-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003597-PB
JHU_Ag_39553	AISGVQTVR	AGAP003597-PA,AGAP003597-PB	-	59	1.75E-05	1	930.536	-0.35	Ovary	2R:-:40400545-40400519;2R:-:40400545-40400519	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_41585	QATINIGTIGHVAHGK	AGAP003597-PA,AGAP003597-PB	-	72	5.88E-07	1	1616.888	1.05	Head	2R:-:40400608-40400561;2R:-:40400608-40400561	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_51824	LTPLSPEVISR	AGAP003597-PA,AGAP003597-PB	-	33	0.002107453	1	1211.699	-0.57	Male reproductive organs	2R:-:40400641-40400609;2R:-:40400641-40400609	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_54515	QATINIGTIGHVAHGK	AGAP003597-PA,AGAP003597-PB	-	59	1.06E-05	1	1616.888	1.04	Pupa	2R:-:40400608-40400561;2R:-:40400608-40400561	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_57777	LTPLSPEVISR	AGAP003597-PA,AGAP003597-PB	-	35	0.001415005	2	1211.699	-0.07	Pupa	2R:-:40400641-40400609;2R:-:40400641-40400609	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_59372	SSGDQQMSTATTGQPHLQQQDLSKLDITK	AGAP003597-PA,AGAP003597-PB	N-Term(Acetyl), M7(Oxidation)	69	1.44E-06	1	3201.536	1.1	Male reproductive organs	2R:-:40401190-40401193,40400479-40400642;2R:-:40401190-40401193,40400479-40400642	exon=> In CDS Exon 2 and 1 of transcript AGAP003597-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003597-PB
JHU_Ag_81556	LTPLSPEVISR	AGAP003597-PA,AGAP003597-PB	-	45	0.00015599	2	1211.700	0.44	Salivary gland	2R:-:40400641-40400609;2R:-:40400641-40400609	exon=> In CDS Exon 2 of transcript AGAP003597-PA;exon=> In CDS Exon 2 of transcript AGAP003597-PB
JHU_Ag_90825	SSGDQQMSTATTGQPHLQQQDLSK	AGAP003597-PA,AGAP003597-PB	N-Term(Acetyl), M7(Oxidation)	51	9.14E-05	1	2631.193	-0.78	Midgut	2R:-:40401190-40401119;2R:-:40401190-40401119	exon=> In CDS Exon 1 of transcript AGAP003597-PA;exon=> In CDS Exon 1 of transcript AGAP003597-PB
JHU_Ag_102030	SSGDQQMSTATTGQPHLQQQDLSK	AGAP003597-PA,AGAP003597-PB	N-Term(Acetyl), M7(Oxidation)	58	2.13E-05	1	2631.198	0.96	Male reproductive organs	2R:-:40401190-40401119;2R:-:40401190-40401119	exon=> In CDS Exon 1 of transcript AGAP003597-PA;exon=> In CDS Exon 1 of transcript AGAP003597-PB
JHU_Ag_104891	SSGDQQMSTATTGQPHLQQQDLSK	AGAP003597-PA,AGAP003597-PB	N-Term(Acetyl), M7(Oxidation)	88	1.90E-08	1	2631.204	3.25	Head	2R:-:40401190-40401119;2R:-:40401190-40401119	exon=> In CDS Exon 1 of transcript AGAP003597-PA;exon=> In CDS Exon 1 of transcript AGAP003597-PB
JHU_Ag_532	VGQEIEVRPGLVSK	AGAP003597-PB	-	68	7.86E-07	1	1510.859	0.13	Malpighian tubule	2R:-:40393841-40393800	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_609	LTCKPIFSK	AGAP003597-PB	C3(Carbamidomethyl)	41	0.000681807	2	1093.607	-0.56	Salivary gland	2R:-:40393784-40393758	exon=> In CDS Exon 3 of transcript AGAP003597-PB

JHU_Ag_2008	YNIEVLCEYITK	AGAP003597-PB	C7(Carbamidomethyl)	86	3.48E-08	1	1544.766	-0.09	Midgut	2R:-:40394021-40393986	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_2489	SFDVNKPGCEVNDLK	AGAP003597-PB	C9(Carbamidomethyl)	66	3.63E-06	2	1721.821	2.73	Malpighian tubule	2R:-:40393928-40393884	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_3110	VGQEIEVRPGLVSK	AGAP003597-PB	-	52	3.15E-05	1	1510.859	-0.12	Midgut	2R:-:40393841-40393800	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_5968	YNIEVLCEYITK	AGAP003597-PB	C7(Carbamidomethyl)	73	7.58E-07	2	1544.768	0.94	Pupa	2R:-:40394021-40393986	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_6638	HIIILQNK	AGAP003597-PB	-	27	0.003345676	2	978.609	-0.46	Pupa	2R:-:40394159-40394136	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_8058	SFDVNKPGCEVNDLK	AGAP003597-PB	C9(Carbamidomethyl)	93	8.16E-09	1	1721.822	3.15	Head	2R:-:40393928-40393884	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_8099	YNIEVLCEYITK	AGAP003597-PB	C7(Carbamidomethyl)	79	1.93E-07	2	1544.765	-1.2	Male reproductive organs	2R:-:40394021-40393986	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_9606	DDSFPCYRPACTGR	AGAP003597-PB	C6(Carbamidomethyl), C11(Carbamidomethyl)	40	0.000469632	1	1701.710	-0.69	Salivary gland	2R:-:40394381-40394340	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_11848	DSQAKEQYDQIVK	AGAP003597-PB	-	83	7.33E-08	1	1551.770	3.04	Male reproductive organs	2R:-:40394120-40394082	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_12436	SFDVNKPGCEVNDLKGGVAGGSILR	AGAP003597-PB	C9(Carbamidomethyl)	83	5.64E-08	1	2589.308	-0.51	Midgut	2R:-:40393928-40393854	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_14165	SFDVNKPGCEVNDLK	AGAP003597-PB	C9(Carbamidomethyl)	89	2.30E-08	1	1721.813	-1.74	Ovary	2R:-:40393928-40393884	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_16722	SFDVNKPGCEVNDLK	AGAP003597-PB	C9(Carbamidomethyl)	47	0.000311512	1	1721.826	5.56	Midgut	2R:-:40393928-40393884	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_16964	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	58	3.57E-06	2	2039.165	5.6	Visceras	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_17970	GGVAGGSILR	AGAP003597-PB	-	81	1.04E-07	1	886.511	0.2	Salivary gland	2R:-:40393883-40393854	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_18595	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	112	1.69E-11	1	2039.159	2.61	Salivary gland	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_21078	RLLGVR	AGAP003597-PB	-	30	0.000918846	1	713.478	0.12	Ovary	2R:-:40393571-40393554	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_21249	HEMLLVNIGSLSTGGR	AGAP003597-PB	M3(Oxidation)	83	6.88E-08	2	1699.886	3.82	Larva	2R:-:40393508-40393461	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_21483	DDSFPCYRPACTGR	AGAP003597-PB	C6(Carbamidomethyl), C11(Carbamidomethyl)	45	0.000137518	1	1701.707	-2.3	Midgut	2R:-:40394381-40394340	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_22269	GGVAGGSILR	AGAP003597-PB	-	67	3.28E-06	1	886.511	0.96	Ovary	2R:-:40393883-40393854	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_24147	YNIEVLCEYITK	AGAP003597-PB	C7(Carbamidomethyl)	50	0.000161167	2	1544.773	4.41	Head	2R:-:40394021-40393986	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_24532	SFDVNKPGCEVNDLKGGVAGGSILR	AGAP003597-PB	C9(Carbamidomethyl)	73	6.12E-07	1	2589.315	2.4	Malpighian tubule	2R:-:40393928-40393854	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_25593	VGQEIEVRPGLVSK	AGAP003597-PB	-	66	1.07E-06	1	1510.861	1.19	Head	2R:-:40393841-40393800	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_26175	LGYANAK	AGAP003597-PB	-	42	0.000625613	2	736.398	-0.82	Midgut	2R:-:40400482-40400653,40393354-40394448	exon=> In CDS Exon 3 and 2 of transcript AGAP003597-PB
JHU_Ag_33146	HIIILQNK	AGAP003597-PB	-	54	5.96E-06	1	978.610	0.47	Ovary	2R:-:40394159-40394136	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_33494	YNIEVLCEYITK	AGAP003597-PB	C7(Carbamidomethyl)	67	2.88E-06	2	1544.769	1.73	Salivary gland	2R:-:40394021-40393986	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_38465	IALTNPVCTEKNEK	AGAP003597-PB	C8(Carbamidomethyl)	78	2.82E-07	1	1616.835	2.06	Malpighian tubule	2R:-:40393430-40393389	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_38939	GGTVIEPLKEN	AGAP003597-PB	-	52	5.24E-05	2	1156.620	-1.05	Male reproductive organs	2R:-:40393220-40393188	exon=> In CDS Exon 4 of transcript AGAP003597-PB

JHU_Ag_40111	IALTNPVCTEK	AGAP003597-PB	C8(Carbamidomethyl)	77	3.39E-07	1	1245.651	0.1	Salivary gland	2R:-:40393430-40393398	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_41138	CLRPTCFTSGGSSK	AGAP003597-PB	C1(Carbamidomethyl), C6(Carbamidomethyl)	70	1.08E-06	1	1557.712	-2.11	Midgut	2R:-:40394423-40394382	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_41242	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	86	6.55E-09	1	2039.159	2.61	Larva	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_42545	IALTNPVCTEKNEK	AGAP003597-PB	C8(Carbamidomethyl)	68	2.51E-06	1	1616.832	0.4	Male reproductive organs	2R:-:40393430-40393389	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_43259	HIIILQNK	AGAP003597-PB	-	38	0.000272345	1	978.611	1.11	Head	2R:-:40394159-40394136	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_45934	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	132	2.01E-13	1	2039.153	-0.56	Ovary	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_47575	SFDVNKPGCEVNDLK	AGAP003597-PB	C9(Carbamidomethyl)	54	7.29E-05	2	1721.819	1.66	Salivary gland	2R:-:40393928-40393884	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_47919	GGTVIEPLKEN	AGAP003597-PB	-	45	0.000306908	1	1156.622	1.34	Malpighian tubule	2R:-:40393220-40393188	exon=> In CDS Exon 4 of transcript AGAP003597-PB
JHU_Ag_51561	VGQEIEVRPGLVSK	AGAP003597-PB	-	74	1.90E-07	1	1510.859	-0.18	Salivary gland	2R:-:40393841-40393800	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_51604	IVSLYTEQNELQFAVPGGLIGVGTK	AGAP003597-PB	-	151	4.72E-15	1	2633.421	0.77	Ovary	2R:-:40393757-40393683	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_57226	LTCKPIFSK	AGAP003597-PB	C3(Carbamidomethyl)	36	0.001970886	2	1093.607	-0.01	Malpighian tubule	2R:-:40393784-40393758	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_57983	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	107	6.98E-11	1	2039.151	-1.46	Malpighian tubule	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_58726	IALTNPVCTEK	AGAP003597-PB	C8(Carbamidomethyl)	62	9.52E-06	1	1245.649	-1.08	Ovary	2R:-:40393430-40393398	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_63548	GGTVIEPLKEN	AGAP003597-PB	-	71	7.64E-07	1	1156.620	-0.52	Salivary gland	2R:-:40393220-40393188	exon=> In CDS Exon 4 of transcript AGAP003597-PB
JHU_Ag_65824	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	105	1.01E-10	1	2039.159	2.55	Midgut	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_65902	VGQEIEVRPGLVSK	AGAP003597-PB	-	74	1.90E-07	1	1510.863	2.67	Male reproductive organs	2R:-:40393841-40393800	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_67226	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	83	1.51E-08	1	2039.156	1.05	Pupa	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_69542	HEMLLVNIGSLSTGGR	AGAP003597-PB	M3(Oxidation)	84	4.92E-08	2	1699.876	-2.43	Midgut	2R:-:40393508-40393461	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_70997	GGTVIEPLKEN	AGAP003597-PB	-	55	2.52E-05	1	1156.618	-2.32	Ovary	2R:-:40393220-40393188	exon=> In CDS Exon 4 of transcript AGAP003597-PB
JHU_Ag_77476	IVSLYTEQNELQFAVPGGLIGVGTK	AGAP003597-PB	-	43	0.000251281	1	2633.429	4.1	Pupa	2R:-:40393757-40393683	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_78160	CLRPTCFTSGGSSK	AGAP003597-PB	C1(Carbamidomethyl), C6(Carbamidomethyl)	53	5.03E-05	1	1557.716	0.86	Head	2R:-:40394423-40394382	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_80557	NFIDAPR	AGAP003597-PB	-	36	0.004075359	1	832.430	-1.11	Midgut	2R:-:40393964-40393944	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_81585	KIPIPPR	AGAP003597-PB	-	16	0.002679168	2	820.542	1.57	Ovary	2R:-:40393985-40393965	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_82719	YNIEVLCEYITK	AGAP003597-PB	C7(Carbamidomethyl)	107	3.09E-10	1	1544.769	1.81	Ovary	2R:-:40394021-40393986	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_83302	CLRPTCFTSGGSSK	AGAP003597-PB	C1(Carbamidomethyl), C6(Carbamidomethyl)	45	0.000327584	1	1557.715	0.07	Ovary	2R:-:40394423-40394382	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_84842	YNIEVLCEYITK	AGAP003597-PB	C7(Carbamidomethyl)	78	2.32E-07	2	1544.771	3.15	Malpighian tubule	2R:-:40394021-40393986	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_92534	HEMLLVNIGSLSTGGR	AGAP003597-PB	M3(Oxidation)	98	2.22E-09	1	1699.880	0.36	Ovary	2R:-:40393508-40393461	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_92933	HEMLLVNIGSLSTGGR	AGAP003597-PB	M3(Oxidation)	75	4.54E-07	2	1699.883	2.09	Head	2R:-:40393508-40393461	exon=> In CDS Exon 3 of transcript AGAP003597-PB

JHU_Ag_94121	VGQEIEVRPGLVSK	AGAP003597-PB	-	66	1.08E-06	1	1510.859	0.07	Ovary	2R:-:40393841-40393800	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_94165	GGTVIEPLKEN	AGAP003597-PB	-	45	0.000311518	2	1156.619	-1.37	Pupa	2R:-:40393220-40393188	exon=> In CDS Exon 4 of transcript AGAP003597-PB
JHU_Ag_96782	VGQEIEVRPGLVSK	AGAP003597-PB	-	74	1.90E-07	1	1510.857	-1.15	Pupa	2R:-:40393841-40393800	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_97219	HIIILQNK	AGAP003597-PB	-	49	2.10E-05	1	978.610	0.03	Salivary gland	2R:-:40394159-40394136	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_103009	LIGWGQIR	AGAP003597-PB	-	33	0.00373536	1	942.552	0.17	Malpighian tubule	2R:-:40393244-40393221	exon=> In CDS Exon 4 of transcript AGAP003597-PB
JHU_Ag_104165	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	80	3.53E-08	1	2039.151	-1.52	Male reproductive organs	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_104240	FVQGTVAEGAPIIPISAQLK	AGAP003597-PB	-	82	1.47E-08	1	2039.160	3.33	Head	2R:-:40394081-40394022	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_105118	LTCKPIFSK	AGAP003597-PB	C3(Carbamidomethyl)	37	0.001827356	2	1093.605	-2.57	Ovary	2R:-:40393784-40393758	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_107754	DAEGRLTCKPIFSK	AGAP003597-PB	C8(Carbamidomethyl)	37	0.00285062	1	1621.839	1.11	Malpighian tubule	2R:-:40393799-40393758	exon=> In CDS Exon 3 of transcript AGAP003597-PB
JHU_Ag_14072	KSDALEEEPEALEAVDTCQNEIDALNEQASEEILK	AGAP003598-PA	C18(Carbamidomethyl)	44	0.00048231	1	3930.832	0.83	Ovary	2R:+:40403017-40403121	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_16794	LGSNGESPSSTSTPIK	AGAP003598-PA	N4(Deamidated)	68	2.95E-06	1	1562.753	-1.2	Malpighian tubule	2R:+:40403389-40403404,40403498-40403529	exon=> In CDS Exon 1 and 2 of transcript AGAP003598-PA
JHU_Ag_42132	LEVEEFEDIK	AGAP003598-PA	-	56	3.95E-05	1	1250.619	2.75	Head	2R:+:40403284-40403313	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_47785	ILFHFEENPFFENTVLTK	AGAP003598-PA	-	134	4.80E-13	1	2225.129	0.73	Ovary	2R:+:40403326-40403379	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_48844	ILFHFEENPFFENTVLTK	AGAP003598-PA	-	90	1.28E-08	1	2225.129	0.75	Midgut	2R:+:40403326-40403379	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_57214	ILFHFEENPFFENTVLTK	AGAP003598-PA	-	80	1.18E-07	1	2225.142	6.59	Salivary gland	2R:+:40403326-40403379	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_59062	TFFDWFTDNNDPINDDIAELIK	AGAP003598-PA	-	174	5.93E-17	1	2643.230	1.78	Ovary	2R:+:40403611-40403676	exon=> In CDS Exon 2 of transcript AGAP003598-PA
JHU_Ag_74366	LGSNGESPSSTSTPIK	AGAP003598-PA	N4(Deamidated)	102	9.78E-10	1	1562.755	0.36	Ovary	2R:+:40403389-40403404,40403498-40403529	exon=> In CDS Exon 1 and 2 of transcript AGAP003598-PA
JHU_Ag_83734	ILFHFEENPFFENTVLTK	AGAP003598-PA	-	48	0.000174814	3	2225.132	1.98	Visceras	2R:+:40403326-40403379	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_86466	ILFHFEENPFFENTVLTK	AGAP003598-PA	-	103	6.77E-10	1	2225.132	1.74	Head	2R:+:40403326-40403379	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_87462	LEVEEFEDIK	AGAP003598-PA	-	79	1.99E-07	1	1250.614	-0.86	Ovary	2R:+:40403284-40403313	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_89035	SDALEEEPEALEAVDTCQNEIDALNEQASEEILK	AGAP003598-PA	C17(Carbamidomethyl)	227	1.86E-22	1	3802.749	4.03	Ovary	2R:+:40403020-40403121	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_96623	LGSNGESPSSTSTPIK	AGAP003598-PA	N4(Deamidated)	128	2.38E-12	1	1561.769	-0.65	Head	2R:+:40403389-40403404,40403498-40403529	exon=> In CDS Exon 1 and 2 of transcript AGAP003598-PA
JHU_Ag_110525	ILFHFEENPFFENTVLTK	AGAP003598-PA	-	52	7.70E-05	1	2225.129	0.5	Malpighian tubule	2R:+:40403326-40403379	exon=> In CDS Exon 1 of transcript AGAP003598-PA
JHU_Ag_3696	KQLENALK	AGAP003599-PA	-	63	5.73E-06	2	943.558	0.87	Visceras	2R:-:40405231-40405208	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_4649	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M9(Oxidation), M20(Oxidation)	44	0.000493217	1	2583.305	0.24	Salivary gland	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_7812	FNAATGNLLTLLAENGR	AGAP003599-PA	-	112	5.46E-11	2	1774.947	1.19	Male reproductive organs	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA

JHU_Ag_10033	AAALKDVAAK	AGAP003599-PA	-	42	0.000658364	2	957.568	-4.8	Male reproductive organs	2R:-:40405429-40405400	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_11258	FNAATGNLLTLLAENGR	AGAP003599-PA	N15(Deamidated)	132	5.68E-13	2	1774.946	0.98	Midgut	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_12783	LDGIINAYSLIMAAER	AGAP003599-PA	M12(Oxidation)	122	6.55E-12	1	1749.926	3.13	Head	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_15672	FNAATGNLLTLLAENGR	AGAP003599-PA	N15(Deamidated)	112	6.94E-11	1	1775.939	5.52	Salivary gland	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_16423	YACALYSAASK	AGAP003599-PA	C3(Carbamidomethyl)	48	0.000185533	2	1204.569	2.01	Salivary gland	2R:-:40405576-40405544	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_16596	TAKPLDDAQR	AGAP003599-PA	-	73	5.37E-07	1	1114.587	1.39	Visceras	2R:-:40405261-40405232	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_19401	FNAATGNLLTLLAENGR	AGAP003599-PA	N15(Deamidated),N7(Deamidated)	136	2.31E-13	2	1774.950	2.91	Visceras	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_20989	AFLKPNQTIQLTAK	AGAP003599-PA	-	41	0.000167278	1	1572.911	0.12	Pupa	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_22140	QLENALK	AGAP003599-PA	-	34	0.004377991	2	815.461	-1.84	Head	2R:-:40405228-40405208	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_23141	TKALDAVEK	AGAP003599-PA	-	58	1.65E-05	1	974.552	0.38	Malpighian tubule	2R:-:40405543-40405517	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_24648	YACALYSAASK	AGAP003599-PA	C3(Carbamidomethyl)	82	7.06E-08	2	1204.566	-0.62	Male reproductive organs	2R:-:40405576-40405544	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_25094	VKFNAATGNLLTLLAENGR	AGAP003599-PA	N17(Deamidated),N9(Deamidated)	167	9.00E-17	1	2002.114	3.16	Malpighian tubule	2R:-:40405399-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_27811	YACALYSAASK	AGAP003599-PA	C3(Carbamidomethyl)	83	6.85E-08	1	1204.568	1.4	Visceras	2R:-:40405576-40405544	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_28658	AFLKPNQTIQLTAK	AGAP003599-PA	-	98	3.14E-10	1	1572.911	0.2	Male reproductive organs	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_31733	VDPALIGGMVVSIGDK	AGAP003599-PA	M9(Oxidation)	116	2.74E-11	1	1586.847	0.89	Male reproductive organs	2R:-:40405097-40405050	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_31952	QLENALKAFLKPNQTIQLTAK	AGAP003599-PA	-	96	2.33E-10	1	2369.365	3.96	Malpighian tubule	2R:-:40405228-40405654,40404984-40405098	exon=> In CDS Exon 3 and 2 of transcript AGAP003599-PA
JHU_Ag_32916	TAKPLDDAQR	AGAP003599-PA	-	46	0.000284589	1	1114.585	0.12	Salivary gland	2R:-:40405261-40405232	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_33128	ALDAVEK	AGAP003599-PA	-	42	0.001023057	1	745.409	-0.05	Salivary gland	2R:-:40405537-40405517	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_33543	FNAATGNLLTLLAENGRLGR	AGAP003599-PA	-	39	0.000557437	1	2101.160	3.91	Malpighian tubule	2R:-:40405393-40405334	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_34292	YTDVITAPV	AGAP003599-PA	-	35	0.005470639	1	978.511	-3.36	Head	2R:-:40405013-40404987	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_34628	VDPALIGGMVVSIGDK	AGAP003599-PA	M9(Oxidation)	105	3.39E-10	1	1586.850	2.81	Salivary gland	2R:-:40405097-40405050	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_34705	ALDAVEK	AGAP003599-PA	-	42	0.001042077	1	745.409	-0.21	Male reproductive organs	2R:-:40405537-40405517	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_35022	VDPALIGGMVVSIGDK	AGAP003599-PA	M9(Oxidation)	131	7.57E-13	1	1570.851	-0.01	Head	2R:-:40405097-40405050	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_35885	KYTDVITAPV	AGAP003599-PA	-	79	1.41E-07	1	1106.609	-0.43	Head	2R:-:40405016-40404987	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_39404	AFLKPNQTIQLTAK	AGAP003599-PA	-	104	8.12E-11	1	1572.910	-0.42	Salivary gland	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_40131	AAALKDVAAK	AGAP003599-PA	-	79	1.37E-07	1	957.573	-0.15	Malpighian tubule	2R:-:40405429-40405400	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_40264	KYTDVITAPV	AGAP003599-PA	-	53	5.50E-05	1	1106.609	-0.17	Male reproductive organs	2R:-:40405016-40404987	exon=> In CDS Exon 3 of transcript AGAP003599-PA

JHU_Ag_40536	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M9(Oxidation), M20(Oxidation)	59	1.45E-05	1	2583.308	1.37	Head	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_41235	KQLENALK	AGAP003599-PA	-	57	2.79E-05	2	943.557	0.16	Malpighian tubule	2R:-:40405231-40405208	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_43569	LDGIINAYSLIMAAER	AGAP003599-PA	M12(Oxidation)	84	5.01E-08	1	1765.924	4.67	Larva	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_46535	AFLKPNQTIQLTAK	AGAP003599-PA	-	103	1.47E-10	1	1572.909	-1.12	Head	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_47254	LDGIINAYSLIMAAER	AGAP003599-PA	M12(Oxidation)	127	2.47E-12	1	1765.923	4.46	Visceras	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_47421	YVDMSVASK	AGAP003599-PA	-	33	0.003752336	1	999.480	-1.87	Midgut	2R:-:40405049-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_49250	AFLKPNQTIQLTAK	AGAP003599-PA	-	112	1.36E-11	1	1572.914	1.98	Malpighian tubule	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_49544	VDPALIGGMVVSIGDK	AGAP003599-PA	M9(Oxidation)	145	3.13E-14	1	1570.855	2.79	Visceras	2R:-:40405097-40405050	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_52181	VKFNAATGNLLTLLAENGR	AGAP003599-PA	N4(Deamidated), N9(Deamidated),"N4(Deamidated), N17(Deamidated)"	177	8.30E-18	1	2002.109	0.42	Head	2R:-:40405399-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_52980	AFLKPNQTIQLTAK	AGAP003599-PA	-	83	1.18E-08	1	1572.910	-0.58	Midgut	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_53478	LGRLDGIINAYSLIMAAER	AGAP003599-PA	M15(Oxidation)	40	0.000611047	1	2092.130	3.67	Malpighian tubule	2R:-:40405342-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_54961	VDPALIGGMVVSIGDK	AGAP003599-PA	M9(Oxidation)	92	5.75E-09	2	1570.851	-0.32	Midgut	2R:-:40405097-40405050	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_54998	TAKPLDDAQRK	AGAP003599-PA	-	55	3.48E-05	1	1242.681	0.75	Visceras	2R:-:40405261-40405229	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_55499	YVDMSVASK	AGAP003599-PA	-	43	0.000405335	2	999.483	1.36	Malpighian tubule	2R:-:40405049-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_57995	GEVVCEVK	AGAP003599-PA	C5(Carbamidomethyl)	45	0.000539645	1	919.457	1.3	Malpighian tubule	2R:-:40405285-40405262	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_59425	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M9(Oxidation), M20(Oxidation)	85	3.60E-08	1	2583.304	-0.05	Ovary	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_60061	LDGIINAYSLIMAAER	AGAP003599-PA	M12(Oxidation)	128	2.08E-12	1	1765.918	1.42	Salivary gland	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_62504	VKFNAATGNLLTLLAENGR	AGAP003599-PA	N17(Deamidated)	122	2.96E-12	2	2002.102	-3	Midgut	2R:-:40405399-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_63465	KYTDVITAPV	AGAP003599-PA	-	59	1.09E-05	1	1106.612	2.44	Malpighian tubule	2R:-:40405016-40404987	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_65863	VKFNAATGNLLTLLAENGR	AGAP003599-PA	N17(Deamidated)	41	0.000328104	1	2002.108	-0.08	Male reproductive organs	2R:-:40405399-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_66691	GEVVCEVK	AGAP003599-PA	C5(Carbamidomethyl)	52	0.000118816	1	919.454	-1.16	Head	2R:-:40405285-40405262	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_66795	QLENALK	AGAP003599-PA	-	37	0.00356088	2	815.463	1.45	Visceras	2R:-:40405228-40405208	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_67320	KYTDVITAPV	AGAP003599-PA	-	66	3.26E-06	1	1106.610	0.56	Visceras	2R:-:40405016-40404987	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_69978	LDGIINAYSLIMAAER	AGAP003599-PA	M12(Oxidation)	121	1.09E-11	1	1765.924	4.7	Malpighian tubule	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_70085	LDGIINAYSLIMAAER	AGAP003599-PA	M12(Oxidation)	121	1.16E-11	1	1765.915	-0.07	Ovary	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_70163	ALDAVEKDLK	AGAP003599-PA	-	57	2.61E-05	2	1101.616	0.4	Malpighian tubule	2R:-:40405537-40405508	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_71070	ALDAVEK	AGAP003599-PA	-	51	0.000130287	1	745.409	-0.13	Visceras	2R:-:40405537-40405517	exon=> In CDS Exon 2 of transcript AGAP003599-PA

JHU_Ag_71519	AAALKDVAAK	AGAP003599-PA	-	48	0.000190 28	2	957.573	-0.34	Visceras	2R:-:40405429-40405400	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_71826	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M9(Oxidation), M20(Oxidation)	44	0.000510 366	1	2583.305	0.16	Male reproductive organs	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_72472	DLKGLQSQMR	AGAP003599-PA	M9(Oxidation)	65	5.48E-06	1	1175.621	0.92	Malpighian tubule	2R:-:40405516-40405487	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_72910	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M9(Oxidation), M20(Oxidation),M9(Oxidation)	95	3.64E-09	1	2583.309	1.87	Visceras	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_73828	YACALYSAASK	AGAP003599-PA	C3(Carbamidomethyl)	66	2.91E-06	2	1204.568	1.4	Malpighian tubule	2R:-:40405576-40405544	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_74508	ALDAVEK	AGAP003599-PA	-	37	0.003356 6	1	745.408	-1.27	Midgut	2R:-:40405537-40405517	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_74545	LGRLDGIINAYSLIMAAER	AGAP003599-PA	M15(Oxidation)	94	3.01E-09	1	2092.122	0.09	Head	2R:-:40405342-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_74972	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M20(Oxidation),"M9(Oxidation), M20(Oxidation)",M9(Oxidation)	111	8.37E-11	1	2567.323	5.06	Malpighian tubule	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_78111	TAKPLDDAQRK	AGAP003599-PA	-	60	1.09E-05	1	1242.680	-0.09	Malpighian tubule	2R:-:40405261-40405229	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_79083	ALDAVEK	AGAP003599-PA	-	51	0.000291 278	1	745.410	0.77	Malpighian tubule	2R:-:40405537-40405517	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_80902	FNAATGNLLTLLAENGR	AGAP003599-PA	N15(Deamidated),N2(Deamidated)	124	4.34E-12	2	1775.943	7.78	Malpighian tubule	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_81446	VDPALIGGMVVSIGDK	AGAP003599-PA	M9(Oxidation)	125	3.04E-12	1	1570.856	3.26	Malpighian tubule	2R:-:40405097-40405050	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_83414	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M9(Oxidation), M20(Oxidation)	36	0.002893 076	3	2583.315	3.99	Larva	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_83456	LDGIINAYSLIMAAERGEVVCEVK	AGAP003599-PA	C21(Carbamidomethyl)	106	2.49E-10	1	2650.369	4.23	Visceras	2R:-:40405333-40405262	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_84146	FNAATGNLLTLLAENGR	AGAP003599-PA	N15(Deamidated),N7(Deamidated)	120	7.80E-12	2	1774.954	5.32	Head	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_85057	YACALYSAASK	AGAP003599-PA	C3(Carbamidomethyl)	64	4.52E-06	2	1204.564	-2.45	Head	2R:-:40405576-40405544	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_86204	GEVVCEVK	AGAP003599-PA	C5(Carbamidomethyl)	55	6.07E-05	1	919.457	1.83	Visceras	2R:-:40405285-40405262	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_87084	AFLKPNQTIQLTAK	AGAP003599-PA	-	29	0.002660 909	3	1572.914	2.13	Larva	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_88860	AFLKPNQTIQLTAK	AGAP003599-PA	-	95	6.29E-10	1	1572.913	1.05	Ovary	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_89099	ALDAVEKDLK	AGAP003599-PA	-	51	0.000114 12	2	1101.615	0.29	Salivary gland	2R:-:40405537-40405508	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_90309	AAALKDVAAK	AGAP003599-PA	-	34	0.004124 703	1	957.573	-0.08	Salivary gland	2R:-:40405429-40405400	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_90519	TAKPLDDAQR	AGAP003599-PA	-	65	3.20E-06	1	1114.586	1.06	Malpighian tubule	2R:-:40405261-40405232	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_90987	AFLKPNQTIQLTAK	AGAP003599-PA	N6(Deamidated)	104	8.08E-11	1	1572.912	0.74	Visceras	2R:-:40405139-40405098	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_95015	VKFNAATGNLLTLLAENGR	AGAP003599-PA	N17(Deamidated)	170	4.11E-17	1	2002.113	2.43	Visceras	2R:-:40405399-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_95670	DLLRDPTTK	AGAP003599-PA	-	46	0.000416 014	1	1058.584	0.05	Visceras	2R:-:40405468-40405442	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_96675	FNAATGNLLTLLAENGR	AGAP003599-PA	N15(Deamidated)	101	7.67E-10	2	1774.953	4.63	Larva	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA

JHU_Ag_98541	DLLRDPTTK	AGAP003599-PA	-	36	0.004334395	1	1058.587	2.7	Malpighian tubule	2R:-:40405468-40405442	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_100613	LDGIINAYSLIMAAER	AGAP003599-PA	N6(Deamidated),M12(Oxidation)	114	4.53E-11	1	1749.921	0.27	Midgut	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_101291	FNAATGNLLTLLAENGR	AGAP003599-PA	N15(Deamidated)	120	8.75E-12	2	1774.953	4.42	Ovary	2R:-:40405393-40405343	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_101455	VDPALIGGMVVSIGDK	AGAP003599-PA	M9(Oxidation)	77	2.37E-07	2	1586.851	3.5	Larva	2R:-:40405097-40405050	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_103805	YVDMSVASK	AGAP003599-PA	M4(Oxidation)	33	0.003677426	2	1015.476	-0.39	Salivary gland	2R:-:40405049-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_105764	KQLENALK	AGAP003599-PA	-	38	0.00219955	1	943.558	1.19	Salivary gland	2R:-:40405231-40405208	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_107112	LDGIINAYSLIMAAERGEVVCEVK	AGAP003599-PA	M12(Oxidation), C21(Carbamidomethyl)	81	7.47E-08	1	2666.374	8.01	Malpighian tubule	2R:-:40405333-40405262	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_107539	LDGIINAYSLIMAAER	AGAP003599-PA	M12(Oxidation)	96	3.72E-09	2	1765.918	1.21	Male reproductive organs	2R:-:40405333-40405286	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_107561	YVDMSVASK	AGAP003599-PA	M4(Oxidation)	55	2.37E-05	1	1015.477	0.93	Head	2R:-:40405049-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_108854	KYTDVITAPV	AGAP003599-PA	-	54	5.23E-05	1	1106.609	-0.5	Salivary gland	2R:-:40405016-40404987	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_109359	GEVVCEVK	AGAP003599-PA	C5(Carbamidomethyl)	37	0.003590113	2	919.456	0.77	Salivary gland	2R:-:40405285-40405262	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_110900	YVDMSVASK	AGAP003599-PA	-	51	6.86E-05	1	999.482	-0.03	Visceras	2R:-:40405049-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_112456	VDPALIGGMVVSIGDKYVDMSVASK	AGAP003599-PA	M9(Oxidation), M20(Oxidation)	62	8.33E-06	1	2583.297	-2.81	Midgut	2R:-:40405097-40405023	exon=> In CDS Exon 3 of transcript AGAP003599-PA
JHU_Ag_117031	TAKPLDDAQR	AGAP003599-PA	-	45	0.00033774	2	1114.588	2.92	Male reproductive organs	2R:-:40405261-40405232	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_117728	YACALYSAASK	AGAP003599-PA	C3(Carbamidomethyl)	39	0.001345495	1	1204.566	-0.66	Midgut	2R:-:40405576-40405544	exon=> In CDS Exon 2 of transcript AGAP003599-PA
JHU_Ag_3016	GFQTWEYSPEFALR	AGAP003601-PA	-	88	2.33E-08	2	1730.817	-0.1	Midgut	2R:+:40436649-40436690	exon=> In CDS Exon 1 of transcript AGAP003601-PA
JHU_Ag_6186	SYSYLWLHGLPAK	AGAP003601-PA	-	49	0.000182316	1	1534.804	-0.77	Midgut	2R:+:40436691-40436729	exon=> In CDS Exon 1 of transcript AGAP003601-PA
JHU_Ag_42715	GAFYDELSAEPNYSVDRK	AGAP003601-PA	-	70	1.55E-06	1	2060.957	0.61	Midgut	2R:+:40438173-40438226	exon=> In CDS Exon 4 of transcript AGAP003601-PA
JHU_Ag_78270	AYYVPLVSYR	AGAP003601-PA	-	41	0.001490041	2	1230.651	-0.27	Midgut	2R:+:40438290-40438319	exon=> In CDS Exon 4 of transcript AGAP003601-PA
JHU_Ag_88122	FPGNFFLPPNYR	AGAP003601-PA	-	54	4.89E-05	1	1468.737	-0.01	Midgut	2R:+:40437972-40438007	exon=> In CDS Exon 4 of transcript AGAP003601-PA
JHU_Ag_14213	TGDTAELLVEHATDFK	AGAP003604-PA	-	47	0.000333749	1	1746.859	2.4	Head	2R:-:40448632-40448585	exon=> In CDS Exon 6 of transcript AGAP003604-PA
JHU_Ag_24566	LQDSEDSDLWR	AGAP003604-PA	-	42	0.00062323	2	1363.615	2.12	Head	2R:-:40450305-40450538,40449336-40450043	exon=> In CDS Exon 3 and 2 of transcript AGAP003604-PA
JHU_Ag_52891	HSDVSPASLK	AGAP003604-PA	-	40	0.000986279	1	1040.532	-5.03	Head	2R:-:40449850-40449821	exon=> In CDS Exon 3 of transcript AGAP003604-PA
JHU_Ag_58449	MVATDEASHQQPSMENTGAFGK	AGAP003604-PA	M1(Oxidation), M14(Oxidation)	45	0.000216045	1	2368.022	1.74	Head	2R:-:40450894-40450829	exon=> In CDS Exon 1 of transcript AGAP003604-PA
JHU_Ag_41678	TFLENHVQTLLEER	AGAP003605-PA	-	108	2.02E-10	1	1728.899	4.06	Head	2R:+:40464010-40464051	exon=> In CDS Exon 2 of transcript AGAP003605-PA
JHU_Ag_22396	SAPEVAGIYLLMRPK	AGAP003606-PA	M12(Oxidation)	48	0.000114093	1	1660.913	2.24	Pupa	2R:-:40471377-40471476,40469881-40469929	exon=> In CDS Exon 2 and 1 of transcript AGAP003606-PA
JHU_Ag_42918	LLKDHPNAYTFTK	AGAP003606-PA	-	55	4.44E-05	1	1547.817	-2.77	Pupa	2R:-:40469210-40469172	exon=> In CDS Exon 5 of transcript AGAP003606-PA

JHU_Ag_45014	ASEVQNFYK	AGAP003606-PA	N-Term(Acetyl)	42	0.000609966	2	1127.537	0	Pupa	2R:-:40471473-40471447	exon=> In CDS Exon 1 of transcript AGAP003606-PA
JHU_Ag_56077	FIFTEWK	AGAP003606-PA	-	35	0.002636126	2	970.504	0.34	Pupa	2R:-:40468381-40468361	exon=> In CDS Exon 8 of transcript AGAP003606-PA
JHU_Ag_63432	VFHCTSSTSNPFK	AGAP003606-PA	C4(Carbamidomethyl)	69	1.50E-06	1	1511.696	0.62	Head	2R:-:40468744-40468706	exon=> In CDS Exon 7 of transcript AGAP003606-PA
JHU_Ag_65338	YHNPATQQLAQSLPEK	AGAP003606-PA	-	135	4.32E-13	1	1824.922	-0.84	Head	2R:-:40468360-40468313	exon=> In CDS Exon 8 of transcript AGAP003606-PA
JHU_Ag_67051	EPTPGWTISK	AGAP003606-PA	-	38	0.002304679	2	1115.573	-0.03	Pupa	2R:-:40469024-40468995	exon=> In CDS Exon 6 of transcript AGAP003606-PA
JHU_Ag_74111	NPVFEQLLQTQSDDIFKK	AGAP003606-PA	-	55	3.70E-05	1	2150.111	-0.8	Head	2R:-:40469886-40469961,40469550-40469754	exon=> In CDS Exon 3 and 2 of transcript AGAP003606-PA
JHU_Ag_99385	NPVFEQLLQTQSDDIFKK	AGAP003606-PA	-	63	5.74E-06	1	2150.110	-1.48	Pupa	2R:-:40469886-40469961,40469550-40469754	exon=> In CDS Exon 3 and 2 of transcript AGAP003606-PA
JHU_Ag_503	LSIHNPEKLDGGK	AGAP003610-PA	-	69	1.45E-06	1	1407.761	1.19	Visceras	2R:-:40492960-40493112,40492031-40492815	exon=> In CDS Exon 6 and 5 of transcript AGAP003610-PA
JHU_Ag_4648	KPIEVEFISHLR	AGAP003610-PA	-	72	3.01E-07	1	1467.832	0.01	Visceras	2R:-:40489798-40489763	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_5086	LNVLPAPVRIPVAEGEAPR	AGAP003610-PA	-	48	3.59E-05	1	1998.151	0.91	Visceras	2R:-:40490719-40490663	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_5803	LLTEEEIEER	AGAP003610-PA	-	77	3.59E-07	1	1260.632	0.12	Visceras	2R:-:40494720-40494691	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_8683	DGEDIVLGDK	AGAP003610-PA	-	62	8.24E-06	2	1060.514	-1.35	Visceras	2R:-:40494062-40494033	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_12017	TPQPAPPAAAEQEEEAEEAEEEEEVESPPKPVK	AGAP003610-PA	-	128	1.54E-12	1	3700.703	4.18	Visceras	2R:-:40490101-40490000	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_12707	LAWAGQLHNVTTTK	AGAP003610-PA	-	119	1.06E-11	1	1539.830	1.47	Visceras	2R:-:40494555-40494514	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_13559	VITLPSAETTPATFTR	AGAP003610-PA	-	105	3.22E-10	1	1704.921	2.53	Visceras	2R:-:40494291-40494244	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_16022	EVAAPPVEVAAPAEGEPAEDK	AGAP003610-PA	-	91	1.38E-08	1	2076.020	3.15	Head	2R:-:40491133-40491071	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_16297	WMYDGIPILQSNAK	AGAP003610-PA	M2(Oxidation)	66	4.67E-06	1	1651.816	0.41	Visceras	2R:-:40489292-40489251	exon=> In CDS Exon 8 of transcript AGAP003610-PA
JHU_Ag_16729	KNLQGLLK	AGAP003610-PA	-	44	0.000138202	1	913.583	0.23	Visceras	2R:-:40492442-40492419	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_17802	WLRDGIDLVDPTGEK	AGAP003610-PA	-	50	0.000145973	2	1713.884	1.89	Visceras	2R:-:40491880-40491836	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_20533	EPNGVYQLCIHKPAPADCGVYECR	AGAP003610-PA	C9(Carbamidomethyl), C18(Carbamidomethyl), C23(Carbamidomethyl)	59	1.32E-05	1	2833.287	0.64	Visceras	2R:-:40494017-40493946	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_22587	LQCTVEGQEVTVR	AGAP003610-PA	C3(Carbamidomethyl)	112	1.13E-10	1	1518.760	1.1	Visceras	2R:-:40495367-40495329	exon=> In CDS Exon 2 of transcript AGAP003610-PA
JHU_Ag_22595	EVVFLEDGSYYLK	AGAP003610-PA	-	107	3.46E-10	1	1561.780	0.85	Visceras	2R:-:40490296-40490258	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_22797	LIHVQHIEHADYFK	AGAP003610-PA	-	47	0.000282664	1	1749.906	-0.41	Visceras	2R:-:40493882-40493841	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_26239	LMNSGAIGQIVINGVTR	AGAP003610-PA	M2(Oxidation)	141	7.16E-14	1	1758.958	2.84	Visceras	2R:-:40494414-40494364	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_29077	TKITTVQLIINDPQLR	AGAP003610-PA	-	30	0.001239749	1	1853.083	-1.58	Visceras	2R:-:40489214-40489167	exon=> In CDS Exon 8 of transcript AGAP003610-PA

JHU_Ag_29208	DDTADYEVVVKDK	AGAP003610-PA	-	92	9.96E-09	1	1496.712	0.19	Visceras	2R:-:40490788-40490750	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_30719	EFYQSQLTHGIYHADK	AGAP003610-PA	-	89	2.01E-08	1	1936.919	-0.11	Visceras	2R:-:40492745-40492698	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_33423	LIHVQHIEHADYFKR	AGAP003610-PA	-	56	2.94E-05	1	1906.007	-0.8	Visceras	2R:-:40493882-40493838	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_34089	DDTADYEVVVK	AGAP003610-PA	-	63	7.73E-06	1	1253.591	0.98	Visceras	2R:-:40490788-40490756	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_35081	SEEDGFVYGTR	AGAP003610-PA	-	77	1.25E-07	1	1259.555	1.03	Visceras	2R:-:40492685-40492653	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_37037	ASNDFGTEELK	AGAP003610-PA	-	66	2.57E-06	1	1210.558	-0.23	Visceras	2R:-:40490443-40490411	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_37427	DSGKYTLIAR	AGAP003610-PA	-	52	4.80E-05	1	1123.611	0.33	Visceras	2R:-:40489166-40489137	exon=> In CDS Exon 8 of transcript AGAP003610-PA
JHU_Ag_37518	IEVTWLKDDEPLVMGPR	AGAP003610-PA	M14(Oxidation)	99	1.54E-09	1	2014.033	0.77	Visceras	2R:-:40489699-40489649	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_37760	DEGQYACEATNVVGK	AGAP003610-PA	C7(Carbamidomethyl)	55	2.50E-05	2	1640.723	0.79	Head	2R:-:40491772-40491728	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_37954	HGVYEEPPKPEPAPRPHR	AGAP003610-PA	-	90	1.28E-08	1	2093.065	-1.33	Visceras	2R:-:40491631-40491578	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_38341	LTIHDPQAK	AGAP003610-PA	-	52	4.61E-05	1	1022.564	0.67	Visceras	2R:-:40491799-40491773	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_39150	NLTLNCCCSDAAK	AGAP003610-PA	C6(Carbamidomethyl), C7(Carbamidomethyl), C8(Carbamidomethyl)	102	2.87E-10	1	1526.639	-0.22	Visceras	2R:-:40489738-40489700	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_40230	NNIPLVWSK	AGAP003610-PA	-	38	0.001233373	2	1070.600	0.63	Visceras	2R:-:40492247-40492221	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_41182	NLSDAQEGTGVIAFNK	AGAP003610-PA	-	144	6.34E-14	1	1663.830	0.73	Visceras	2R:-:40490845-40490798	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_42752	ASNDFGTEELKYTLR	AGAP003610-PA	-	87	3.05E-08	2	1743.859	2.54	Visceras	2R:-:40490443-40490399	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_45092	YTCIAENEAGR	AGAP003610-PA	C3(Carbamidomethyl)	98	1.39E-09	1	1283.568	-0.57	Visceras	2R:-:40494834-40494802	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_46102	TPQPAPPAAAEQEEEAEEAEEEEEVESPPKPVKR	AGAP003610-PA	-	125	3.25E-12	1	3856.780	-2.23	Visceras	2R:-:40490101-40489997	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_49412	SLAPPEVPR	AGAP003610-PA	-	36	0.002142611	2	965.540	-1.1	Visceras	2R:-:40489840-40489814	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_49531	RVPQPQVVPEEEAAIAAPAAPVPEPPK	AGAP003610-PA	-	75	1.65E-07	1	2787.509	1.69	Visceras	2R:-:40491214-40491134	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_49747	IRDYFHHALNDLVIEAR	AGAP003610-PA	-	85	3.42E-08	1	2082.089	0.46	Visceras	2R:-:40495112-40495811,40494234-40494985	exon=> In CDS Exon 3 and 2 of transcript AGAP003610-PA
JHU_Ag_50840	WLKNDQQIER	AGAP003610-PA	-	57	2.66E-05	1	1329.694	2.06	Visceras	2R:-:40495328-40495299	exon=> In CDS Exon 2 of transcript AGAP003610-PA
JHU_Ag_51149	QPEPVEADDEDEDEEDEDEEEAPPPPPKR	AGAP003610-PA	-	117	4.04E-12	1	3332.355	-5.16	Visceras	2R:-:40491331-40491245	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_53691	DKLIHVQHIEHADYFK	AGAP003610-PA	-	55	3.58E-05	1	1993.029	-0.19	Visceras	2R:-:40493888-40493841	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_55852	VVEVLQK	AGAP003610-PA	-	48	5.17E-05	2	814.502	-1.47	Visceras	2R:-:40492373-40492353	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_56967	LSQLISSGK	AGAP003610-PA	-	58	1.30E-05	2	932.541	-0.43	Visceras	2R:-:40489867-40489841	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_58609	LTCSVTGPQPTWR	AGAP003610-PA	C3(Carbamidomethyl)	79	2.04E-07	1	1502.742	0.18	Visceras	2R:-:40493444-40493406	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_59252	ASRPPLYLTK	AGAP003610-PA	-	69	8.93E-07	1	1145.667	-0.59	Visceras	2R:-:40495436-40495407	exon=> In CDS Exon 2 of transcript AGAP003610-PA

JHU_Ag_62606	VYDAIKPK	AGAP003610-PA	-	49	8.67E-05	1	933.540	-0.76	Visceras	2R:-:40495160-40495137	exon=> In CDS Exon 2 of transcript AGAP003610-PA
JHU_Ag_63562	QGYCTLDLVDLR	AGAP003610-PA	C4(Carbamidomethyl)	79	2.04E-07	2	1452.721	3.91	Visceras	2R:-:40489627-40489592	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_64862	ASRDDTADYEVVVK	AGAP003610-PA	-	86	3.73E-08	1	1567.761	0.87	Visceras	2R:-:40490797-40490756	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_65734	SPFEIGENR	AGAP003610-PA	-	54	7.53E-05	1	1048.506	0.17	Visceras	2R:-:40496209-40496183	exon=> In CDS Exon 1 of transcript AGAP003610-PA
JHU_Ag_65878	VPQPQVVPEEEAAIAAPAAPVPEPPK	AGAP003610-PA	-	58	5.59E-06	2	2631.406	1.07	Visceras	2R:-:40491211-40491134	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_65958	TFEEEKVVEPR	AGAP003610-PA	-	84	8.53E-08	1	1362.685	-4.07	Visceras	2R:-:40490338-40490306	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_67161	LPGITNADR	AGAP003610-PA	-	34	0.003195087	1	956.515	-0.56	Visceras	2R:-:40494750-40494724	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_67519	QREPQPGAQPK	AGAP003610-PA	-	35	0.004124469	2	1235.650	0.73	Visceras	2R:-:40489906-40489874	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_67595	IAESHVFGIR	AGAP003610-PA	-	81	8.70E-08	2	1128.616	-0.48	Visceras	2R:-:40491685-40491656	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_68000	DYFHHALNDLVIEAR	AGAP003610-PA	-	100	1.61E-09	1	1812.907	2.46	Visceras	2R:-:40495106-40495811,40494234-40494985	exon=> In CDS Exon 3 and 2 of transcript AGAP003610-PA
JHU_Ag_68715	KLLTEEEIEER	AGAP003610-PA	-	74	7.22E-07	1	1388.727	-0.15	Visceras	2R:-:40494723-40494691	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_68898	DGMEFTNETDR	AGAP003610-PA	-	40	0.00017425	2	1314.526	-0.34	Visceras	2R:-:40493029-40492997	exon=> In CDS Exon 5 of transcript AGAP003610-PA
JHU_Ag_70771	ITPTTVADSGEYTAYAK	AGAP003610-PA	-	122	9.39E-12	1	1787.872	0.93	Visceras	2R:-:40493327-40493277	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_73134	DGEPIVLDQR	AGAP003610-PA	-	65	3.89E-06	2	1141.585	0.36	Visceras	2R:-:40494939-40494910	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_74411	ELYHPTTNDLHLEIR	AGAP003610-PA	-	91	1.03E-08	1	1850.939	-0.42	Visceras	2R:-:40489450-40491954,40488867-40489323	exon=> In CDS Exon 8 and 7 of transcript AGAP003610-PA
JHU_Ag_75653	EKSPFEIGENR	AGAP003610-PA	-	66	3.68E-06	2	1305.649	4.44	Visceras	2R:-:40496215-40496183	exon=> In CDS Exon 1 of transcript AGAP003610-PA
JHU_Ag_77435	LNVLPAPVR	AGAP003610-PA	-	38	0.000286078	2	978.609	-0.55	Visceras	2R:-:40490719-40490693	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_78841	ITTVQLIINDPQLR	AGAP003610-PA	-	89	3.89E-09	1	1623.945	0.99	Visceras	2R:-:40489208-40489167	exon=> In CDS Exon 8 of transcript AGAP003610-PA
JHU_Ag_79299	DEGQYACEATNVVGK	AGAP003610-PA	C7(Carbamidomethyl)	98	1.13E-09	1	1640.723	0.64	Visceras	2R:-:40491772-40491728	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_80200	FEDGPVEPFVIR	AGAP003610-PA	-	85	6.18E-08	1	1404.720	3.13	Visceras	2R:-:40493552-40493517	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_82112	GGDDVHEPYESESYVIR	AGAP003610-PA	-	100	9.79E-10	1	1951.872	2.55	Visceras	2R:-:40494621-40494571	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_82114	EFIFLEDGSYYIR	AGAP003610-PA	-	111	1.52E-10	1	1651.805	3.13	Visceras	2R:-:40491577-40491539	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_82348	GREFYQSQLTHGIYHADK	AGAP003610-PA	-	68	2.65E-06	1	2150.039	-1.15	Visceras	2R:-:40492751-40492698	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_82604	DGIDLVDPTGEK	AGAP003610-PA	-	58	1.81E-05	1	1258.618	1.49	Visceras	2R:-:40491871-40491836	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_83763	VFHEDEDEIALIK	AGAP003610-PA	-	41	0.001182307	2	1557.777	-1.57	Visceras	2R:-:40495547-40495509	exon=> In CDS Exon 2 of transcript AGAP003610-PA
JHU_Ag_87235	LFPELNPDEAK	AGAP003610-PA	-	39	0.002014594	2	1272.648	0.5	Visceras	2R:-:40491040-40491008	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_88244	LTIHDPQAKDEGQYACEATNVVGK	AGAP003610-PA	C16(Carbamidomethyl)	153	6.63E-15	1	2644.269	0.62	Visceras	2R:-:40491799-40491728	exon=> In CDS Exon 7 of transcript AGAP003610-PA

JHU_Ag_88713	TPQPAPPAAAEQEEEAEEAEEEEEEVESPPKPVK	AGAP003610-PA	-	65	3.03E-06	1	3700.693	1.4	Head	2R:-:40490101-40490000	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_89386	ITPTTVADSGEYTAYAK	AGAP003610-PA	-	36	0.004709731	2	1787.866	-2.07	Head	2R:-:40493327-40493277	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_89867	VIVYPVPEK	AGAP003610-PA	-	53	5.31E-05	1	1043.611	-2.37	Visceras	2R:-:40492094-40492068	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_90045	RFEDGPVEPFVIR	AGAP003610-PA	-	79	1.72E-07	1	1560.820	1.61	Visceras	2R:-:40493555-40493517	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_90073	YHDPNLMK	AGAP003610-PA	M7(Oxidation)	35	0.003299242	1	1017.482	-0.4	Visceras	2R:-:40491655-40491632	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_90389	MGVGAVHILSAELNDSGTYK	AGAP003610-PA	M1(Oxidation)	136	4.10E-13	1	2062.032	2.27	Visceras	2R:-:40492199-40492140	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_91341	YTLIAR	AGAP003610-PA	-	45	0.000212412	2	736.435	-0.82	Visceras	2R:-:40489154-40489137	exon=> In CDS Exon 8 of transcript AGAP003610-PA
JHU_Ag_91488	QVSIPLR	AGAP003610-PA	-	33	0.002277136	2	812.498	-1.29	Visceras	2R:-:40489106-40489086	exon=> In CDS Exon 8 of transcript AGAP003610-PA
JHU_Ag_92699	DDTADYEVVVK	AGAP003610-PA	-	66	3.56E-06	2	1253.592	1.85	Head	2R:-:40490788-40490756	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_93510	QPAPEQVVEERPK	AGAP003610-PA	-	87	2.69E-08	1	1506.792	0.37	Visceras	2R:-:40489957-40489919	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_95268	WKKPIEVEFISHLR	AGAP003610-PA	-	99	4.28E-10	1	1782.007	0.72	Visceras	2R:-:40489804-40489763	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_96796	FGSTLHDINIVEGKPVR	AGAP003610-PA	-	125	2.29E-12	1	1882.021	1.47	Visceras	2R:-:40490980-40490930	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_96810	CQLPFFVK	AGAP003610-PA	C1(Carbamidomethyl)	48	0.000139715	1	1038.545	1.15	Visceras	2R:-:40495136-40495113	exon=> In CDS Exon 2 of transcript AGAP003610-PA
JHU_Ag_97384	LSIHNPEK	AGAP003610-PA	-	54	4.42E-05	1	937.509	-1.05	Visceras	2R:-:40492960-40493112,40492031-40492830	exon=> In CDS Exon 6 and 5 of transcript AGAP003610-PA
JHU_Ag_97468	IPGPIAEEPTK	AGAP003610-PA	-	85	3.32E-08	1	1151.630	-1.01	Visceras	2R:-:40492412-40492380	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_97480	LCLHNPQIR	AGAP003610-PA	C2(Carbamidomethyl)	45	0.000385475	1	1150.611	-3.38	Visceras	2R:-:40490494-40490468	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_97768	VDDLVLETQIK	AGAP003610-PA	-	86	2.78E-08	1	1272.707	1.84	Visceras	2R:-:40490626-40490594	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_97828	KIAESHVFGIR	AGAP003610-PA	-	71	6.73E-07	1	1256.711	-0.24	Visceras	2R:-:40491688-40491656	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_98097	TPNLQTSAADGLYTLTIK	AGAP003610-PA	N3(Deamidated)	138	1.43E-13	1	1907.013	0.46	Visceras	2R:-:40495298-40495245	exon=> In CDS Exon 2 of transcript AGAP003610-PA
JHU_Ag_98836	YEIFNQHYYENR	AGAP003610-PA	-	81	7.26E-08	1	1675.752	1.14	Visceras	2R:-:40489250-40489215	exon=> In CDS Exon 8 of transcript AGAP003610-PA
JHU_Ag_99205	EYEPTITWLK	AGAP003610-PA	-	48	0.000265417	2	1279.659	1.8	Visceras	2R:-:40494969-40494940	exon=> In CDS Exon 3 of transcript AGAP003610-PA
JHU_Ag_99312	MDDVVVENEAPR	AGAP003610-PA	M1(Oxidation)	78	1.54E-07	2	1373.637	0.18	Visceras	2R:-:40489049-40489014	exon=> In CDS Exon 8 of transcript AGAP003610-PA
JHU_Ag_100665	KDEVELVPPTFITPLR	AGAP003610-PA	-	67	8.14E-07	1	1854.042	2.72	Visceras	2R:-:40489498-40489451	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_101840	VEWFLDGIIIENNEK	AGAP003610-PA	-	103	6.93E-10	2	1818.932	2.6	Visceras	2R:-:40490575-40490531	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_104339	IPVAEGEAPR	AGAP003610-PA	-	65	2.87E-06	2	1038.558	0.01	Visceras	2R:-:40490692-40490663	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_104458	LFPELNPDEAKR	AGAP003610-PA	-	41	0.000877511	1	1428.745	-2.57	Visceras	2R:-:40491040-40491005	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_104876	DDTADYEVVVK	AGAP003610-PA	-	85	4.63E-08	2	1253.590	-0.09	Midgut	2R:-:40490788-40490756	exon=> In CDS Exon 7 of transcript AGAP003610-PA

JHU_Ag_105044	ADDLVLEVNVHGLPKPTISWQK	AGAP003610-PA	-	117	1.00E-11	1	2459.335	2.47	Visceras	2R:-:40494128-40494063	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_106090	ELYHPTTNDLHLEIR	AGAP003610-PA	-	43	0.000737491	1	1850.931	-4.47	Head	2R:-:40489450-40491954,40488867-40489323	exon=> In CDS Exon 8 and 7 of transcript AGAP003610-PA
JHU_Ag_107156	EVAAPPVEVAAPAEGEPAEDKDK	AGAP003610-PA	-	36	0.004513101	1	2319.135	-0.12	Visceras	2R:-:40491133-40491065	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_107615	DYFHHALNDLVIEAR	AGAP003610-PA	-	37	0.003183193	1	1812.904	0.84	Head	2R:-:40495106-40495811,40494234-40494985	exon=> In CDS Exon 3 and 2 of transcript AGAP003610-PA
JHU_Ag_109149	DGIDLVDPTGEK	AGAP003610-PA	-	43	0.000582589	2	1258.619	2.17	Head	2R:-:40491871-40491836	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_109758	QNSEEVIPQVIVTEQEQQPGGDGGR	AGAP003610-PA	-	41	0.001312288	1	2694.304	2.9	Visceras	2R:-:40496410-40496336	exon=> In CDS Exon 1 of transcript AGAP003610-PA
JHU_Ag_110017	VSHEVSFTSK	AGAP003610-PA	-	42	0.001186238	1	1120.564	0.63	Visceras	2R:-:40493918-40493889	exon=> In CDS Exon 4 of transcript AGAP003610-PA
JHU_Ag_112577	LFCTVLGSK	AGAP003610-PA	C3(Carbamidomethyl)	55	3.15E-05	2	1024.549	-0.26	Visceras	2R:-:40490929-40490903	exon=> In CDS Exon 7 of transcript AGAP003610-PA
JHU_Ag_114503	GGEIPSVAHVK	AGAP003610-PA	-	62	7.01E-06	1	1093.599	-1.05	Visceras	2R:-:40495193-40495161	exon=> In CDS Exon 2 of transcript AGAP003610-PA
JHU_Ag_115996	CTASNAVGEVETTCK	AGAP003610-PA	C1(Carbamidomethyl), C14(Carbamidomethyl)	127	1.35E-12	1	1626.710	-0.21	Visceras	2R:-:40492139-40492095	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_116545	LVCSCVGPKPTIK	AGAP003610-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	78	2.19E-07	2	1458.780	-0.82	Visceras	2R:-:40492295-40492257	exon=> In CDS Exon 6 of transcript AGAP003610-PA
JHU_Ag_870	AAPAPEAPATTSNIYISPAMK	AGAP003612-PA	M20(Oxidation)	100	1.32E-09	1	2117.058	-0.25	Ovary	2R:-:40511899-40511837	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_1926	ADLDDFFAK	AGAP003612-PA	N-Term(Acetyl)	77	2.29E-07	1	1083.499	-0.28	Ovary	2R:-:40512443-40512417	exon=> In CDS Exon 1 of transcript AGAP003612-PA
JHU_Ag_6047	LAQLNIDDDANHHDSENSGGMHDPSYDGEGR	AGAP003612-PA	M21(Oxidation)	62	1.13E-06	1	3382.391	0.26	Head	2R:-:40512064-40511972	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_9019	LAQLNIDDDANHHDSENSGGMHDPSYDGEGR	AGAP003612-PA	M21(Oxidation)	71	1.20E-07	1	3382.389	-0.25	Ovary	2R:-:40512064-40511972	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_9104	TVEQSSTSGQISIGNR	AGAP003612-PA	-	82	1.06E-07	2	1663.830	3.16	Male reproductive organs	2R:-:40511559-40511512	exon=> In CDS Exon 3 of transcript AGAP003612-PA
JHU_Ag_12737	AAPAPEAPATTSNIYISPAMK	AGAP003612-PA	M20(Oxidation)	110	1.60E-10	1	2117.056	-1.06	Male reproductive organs	2R:-:40511899-40511837	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_15498	KFGTAEEIAK	AGAP003612-PA	-	62	6.32E-06	1	1093.590	1.39	Male reproductive organs	2R:-:40512389-40512360	exon=> In CDS Exon 1 of transcript AGAP003612-PA
JHU_Ag_21757	AAPAPEAPATTSNIYISPAMK	AGAP003612-PA	M20(Oxidation)	104	5.22E-10	1	2117.063	2.17	Head	2R:-:40511899-40511837	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_34002	TVEQSSTSGQISIGNR	AGAP003612-PA	Q10(Deamidated)	83	7.88E-08	2	1663.826	0.59	Ovary	2R:-:40511559-40511512	exon=> In CDS Exon 3 of transcript AGAP003612-PA
JHU_Ag_36715	FGTAEEIAK	AGAP003612-PA	-	63	8.31E-06	2	965.494	-0.2	Male reproductive organs	2R:-:40512386-40512360	exon=> In CDS Exon 1 of transcript AGAP003612-PA
JHU_Ag_40030	FGTAEEIAK	AGAP003612-PA	-	66	3.90E-06	2	965.493	-0.83	Ovary	2R:-:40512386-40512360	exon=> In CDS Exon 1 of transcript AGAP003612-PA
JHU_Ag_44218	TVEQSSTSGQISIGNRFNSLNNDAS	AGAP003612-PA	-	38	0.002162792	2	2626.240	2.28	Malpighian tubule	2R:-:40511559-40511485	exon=> In CDS Exon 3 of transcript AGAP003612-PA
JHU_Ag_47469	AAPAPEAPATTSNIYISPAMK	AGAP003612-PA	M20(Oxidation)	89	2.06E-08	1	2117.061	1.37	Salivary gland	2R:-:40511899-40511837	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_51532	AAPAPEAPATTSNIYISPAMK	AGAP003612-PA	M20(Oxidation)	85	4.57E-08	1	2117.055	-1.52	Malpighian tubule	2R:-:40511899-40511837	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_52555	VDPSFEEVK	AGAP003612-PA	-	41	0.001351746	1	1049.515	0.04	Ovary	2R:-:40511604-40511578	exon=> In CDS Exon 3 of transcript AGAP003612-PA
JHU_Ag_53537	ADLDDFFAK	AGAP003612-PA	N-Term(Acetyl)	45	0.000389241	1	1083.498	-0.85	Male reproductive organs	2R:-:40512443-40512417	exon=> In CDS Exon 1 of transcript AGAP003612-PA

JHU_Ag_70371	TVEQSSTSGQISIGNR	AGAP003612-PA	-	76	4.20E-07	2	1663.832	4.4	Salivary gland	2R:-:40511559-40511512	exon=> In CDS Exon 3 of transcript AGAP003612-PA
JHU_Ag_70747	KFGTAEEIAK	AGAP003612-PA	-	58	1.94E-05	2	1093.588	-0.84	Ovary	2R:-:40512389-40512360	exon=> In CDS Exon 1 of transcript AGAP003612-PA
JHU_Ag_82596	KFGTAEEIAK	AGAP003612-PA	-	64	3.90E-06	2	1093.583	-5.09	Head	2R:-:40512389-40512360	exon=> In CDS Exon 1 of transcript AGAP003612-PA
JHU_Ag_84256	VFEETKK	AGAP003612-PA	-	44	0.000479104	1	880.478	1	Ovary	2R:-:40512103-40512083	exon=> In CDS Exon 2 of transcript AGAP003612-PA
JHU_Ag_91927	GIAPDLQSEEYFPTLGQEKPAEAPKPPK	AGAP003612-PA	-	112	5.70E-11	1	3037.553	0.22	Ovary	2R:-:40511688-40511605	exon=> In CDS Exon 3 of transcript AGAP003612-PA
JHU_Ag_110683	ADLDDFFAKK	AGAP003612-PA	N-Term(Acetyl)	56	3.06E-05	1	1211.596	1.06	Male reproductive organs	2R:-:40512443-40512414	exon=> In CDS Exon 1 of transcript AGAP003612-PA
JHU_Ag_116643	KGIAPDLQSEEYFPTLGQEKPAEAPKPPK	AGAP003612-PA	-	70	7.38E-07	1	3165.651	1.25	Ovary	2R:-:40511691-40511605	exon=> In CDS Exon 3 of transcript AGAP003612-PA
JHU_Ag_65486	AGWLLWQTVGK	AGAP003614-PA,AGAP003614-PB	-	84	5.90E-08	2	1258.694	-0.15	Midgut	2R:-:40515463-40515431;2R:-:40515463-40515431	exon=> In CDS Exon 4 of transcript AGAP003614-PA;exon=> In CDS Exon 3 of transcript AGAP003614-PB
JHU_Ag_73219	QFFQGDPAEEAPVNEK	AGAP003614-PA,AGAP003614-PB	-	64	5.47E-06	2	1805.831	-1.96	Midgut	2R:-:40515430-40515383;2R:-:40515430-40515383	exon=> In CDS Exon 4 of transcript AGAP003614-PA;exon=> In CDS Exon 3 of transcript AGAP003614-PB
JHU_Ag_96376	AGWLLWQTVGK	AGAP003614-PA,AGAP003614-PB	-	51	0.000116417	1	1258.697	2.18	Pupa	2R:-:40515463-40515431;2R:-:40515463-40515431	exon=> In CDS Exon 4 of transcript AGAP003614-PA;exon=> In CDS Exon 3 of transcript AGAP003614-PB
JHU_Ag_73239	AGWLLWQTVGK	AGAP003614-PB,AGAP003614-PA	-	54	5.21E-05	2	1258.699	3.34	Larva	2R:-:40515463-40515431;2R:-:40515463-40515431	exon=> In CDS Exon 3 of transcript AGAP003614-PB;exon=> In CDS Exon 4 of transcript AGAP003614-PA
JHU_Ag_18933	VGHFVYETQTAPNGGR	AGAP003615-PA	N13(Deamidated)	63	9.66E-06	2	1733.825	0.23	Male reproductive organs	2R:+:40554414-40554461	exon=> In CDS Exon 3 of transcript AGAP003615-PA
JHU_Ag_20853	LSITIAQAK	AGAP003615-PA	-	54	1.58E-05	1	944.578	0.92	Malpighian tubule	2R:+:40554336-40554362	exon=> In CDS Exon 3 of transcript AGAP003615-PA
JHU_Ag_29995	SVAVANNQDRDAVINALLQMSS	AGAP003615-PA	M20(Oxidation)	45	0.000430796	1	2332.173	7.34	Malpighian tubule	2R:+:40554969-40555034	exon=> In CDS Exon 4 of transcript AGAP003615-PA
JHU_Ag_35326	VTTAQDIQEVSDR	AGAP003615-PA	-	72	1.05E-06	1	1461.720	1.35	Malpighian tubule	2R:+:40554148-40554186	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_37759	VGHFVYETQTAPNGGR	AGAP003615-PA	-	120	1.55E-11	1	1732.844	2.2	Head	2R:+:40554414-40554461	exon=> In CDS Exon 3 of transcript AGAP003615-PA
JHU_Ag_55492	SNEHWKR	AGAP003615-PA	-	41	0.000588591	1	956.473	2.93	Malpighian tubule	2R:+:40553611-40553631	exon=> In CDS Exon 1 of transcript AGAP003615-PA
JHU_Ag_60579	VTTAQDIQEVSDR	AGAP003615-PA	-	87	3.26E-08	2	1461.712	-3.91	Midgut	2R:+:40554148-40554186	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_64007	AYLGPLPDEFLR	AGAP003615-PA	-	55	4.14E-05	2	1390.738	0.81	Midgut	2R:+:40554112-40554147	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_69424	VTTAQDIQEVSDR	AGAP003615-PA	-	77	3.36E-07	1	1461.718	0.02	Male reproductive organs	2R:+:40554148-40554186	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_69431	VTTAQDIQEVSDR	AGAP003615-PA	-	90	1.84E-08	1	1461.718	-0.23	Salivary gland	2R:+:40554148-40554186	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_70689	AYLGPLPDEFLR	AGAP003615-PA	-	58	2.35E-05	1	1390.738	0.99	Male reproductive organs	2R:+:40554112-40554147	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_85186	GETHEDWYPLSGK	AGAP003615-PA	-	78	1.80E-07	1	1518.685	-0.51	Midgut	2R:+:40554606-40554644	exon=> In CDS Exon 3 of transcript AGAP003615-PA
JHU_Ag_85921	VTTAQDIQEVSDR	AGAP003615-PA	-	73	8.71E-07	1	1461.717	-0.9	Head	2R:+:40554148-40554186	exon=> In CDS Exon 2 of transcript AGAP003615-PA

JHU_Ag_88186	VGHFVYETQTAPNGGR	AGAP003615-PA	N13(Deamidated)	78	3.12E-07	2	1733.841	9.45	Midgut	2R:+:40554414-40554461	exon=> In CDS Exon 3 of transcript AGAP003615-PA
JHU_Ag_90116	GETHEDWYPLSGK	AGAP003615-PA	-	58	1.82E-05	1	1518.688	1.1	Head	2R:+:40554606-40554644	exon=> In CDS Exon 3 of transcript AGAP003615-PA
JHU_Ag_93997	AYLGPLPDEFLR	AGAP003615-PA	-	54	4.57E-05	2	1390.739	1.6	Head	2R:+:40554112-40554147	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_100693	AYLGPLPDEFLR	AGAP003615-PA	-	38	0.001970068	1	1390.735	-1.47	Ovary	2R:+:40554112-40554147	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_113238	QAALALQSYHNTYTPHMAPNFVGR	AGAP003615-PA	M17(Oxidation)	86	3.78E-08	1	2703.316	2.33	Salivary gland	2R:+:40554187-40554237,40554315-40554335	exon=> In CDS Exon 2 and 3 of transcript AGAP003615-PA
JHU_Ag_113309	AYLGPLPDEFLR	AGAP003615-PA	-	58	1.96E-05	1	1390.738	0.72	Salivary gland	2R:+:40554112-40554147	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_114049	AYLGPLPDEFLR	AGAP003615-PA	-	65	3.47E-06	1	1390.743	4.5	Malpighian tubule	2R:+:40554112-40554147	exon=> In CDS Exon 2 of transcript AGAP003615-PA
JHU_Ag_111892	RLGGTK	AGAP003616-PA	-	37	0.004726057	1	631.379	-14.61	Larva	2R:+:40562514-40562531	exon=> In CDS Exon 21 of transcript AGAP003616-PA
JHU_Ag_3518	SVTAEELFDYLTK	AGAP003619-PA	-	97	2.80E-09	1	1515.765	4.89	Ovary	2R:+:40583389-40583427	exon=> In CDS Exon 4 of transcript AGAP003619-PA
JHU_Ag_70144	GQTLLKVLK	AGAP003619-PA	-	19	0.007536 18	1	999.670	14.26	Midgut	2R:+:40582957-40582983	exon=> In CDS Exon 4 of transcript AGAP003619-PA
JHU_Ag_112344	FSDINSETIESVAK	AGAP003619-PA	-	41	0.001254111	2	1539.756	1.63	Male reproductive organs	2R:+:40584601-40584616,40584702-40584727	exon=> In CDS Exon 4 and 5 of transcript AGAP003619-PA
JHU_Ag_11303	TPAMEVGQVAFHR	AGAP003621-PA	M4(Oxidation)	46	0.000327157	2	1458.716	0.15	Male reproductive organs	2R:+:40592714-40592752	exon=> In CDS Exon 2 of transcript AGAP003621-PA
JHU_Ag_107177	LEPGQTLDDIPSAVLEDACQLVK	AGAP003621-PA	C19(Carbamidomethyl)	66	3.46E-06	1	2511.257	-3.31	Ovary	2R:+:40592573-40592641	exon=> In CDS Exon 2 of transcript AGAP003621-PA
JHU_Ag_22496	GVLPEQLLALDCR	AGAP003622-PA	C12(Carbamidomethyl)	42	0.000688705	2	1483.801	4.57	Ovary	2R:-:40594289-40594251	exon=> In CDS Exon 1 of transcript AGAP003622-PA
JHU_Ag_235	SEIPAAVHLCK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C10(Carbamidomethyl)	58	1.74E-05	1	1224.645	3.37	Malpighian tubule	2R:+:40619248-40619280,2R:+:40619248-40619280;2R:+:40619248-40619280	exon=> In CDS Exon 8 of transcript AGAP003623-PA;exon=> In CDS Exon 9 of transcript AGAP003623-PB;exon=> In CDS Exon 9 of transcript AGAP003623-PC
JHU_Ag_921	VGAPSSSNDIR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	67	2.36E-06	2	1102.549	-0.03	Salivary gland	2R:+:40618555-40618587,2R:+:40618555-40618587;2R:+:40618555-40618587	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_1963	GDASVLRPTCMTSVPLILDR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C10(Carbamidomethyl), M11(Oxidation)	73	6.33E-07	1	2217.139	1.09	Salivary gland	2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061	exon=> In CDS Exon 3 and 4 of transcript AGAP003623-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003623-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP003623-PC
JHU_Ag_2261	NFIETEHAAACFGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C11(Carbamidomethyl)	102	7.09E-10	1	1622.739	0.46	Malpighian tubule	2R:+:40617129-40617170,2R:+:40617129-40617170;2R:+:40617129-40617170	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC

JHU_Ag_5150	TGDVGEIHPDGALK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	82	1.04E-07	1	1408.708	0.83	Head	2R:+:40618747-40618788;2R:+:40618747-40618788;2R:+:40618747-40618788	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_6476	SVLSGGAPLAPDTHEQIK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	95	3.80E-09	1	1819.956	0.37	Midgut	2R:+:40618321-40618374;2R:+:40618321-40618374;2R:+:40618321-40618374	exon=> In CDS Exon 5 of transcript AGAP003623-PA;exon=> In CDS Exon 6 of transcript AGAP003623-PB;exon=> In CDS Exon 6 of transcript AGAP003623-PC
JHU_Ag_8375	QNIVIFAETR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	60	1.00E-05	2	1190.653	0.33	Salivary gland	2R:+:40617201-40617230;2R:+:40617201-40617230;2R:+:40617201-40617230	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_8883	IIQQDSSSITYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	84	5.44E-08	1	1410.724	1.1	Head	2R:+:40616892-40616927;2R:+:40616892-40616927;2R:+:40616892-40616927	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_9716	QYTVALVVPNPK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	66	2.10E-06	2	1328.756	-0.87	Midgut	2R:+:40618998-40619033;2R:+:40618998-40619033;2R:+:40618998-40619033	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_10001	TQEDFFEEDGQR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	78	5.76E-08	2	1500.625	0.58	Pupa	2R:+:40618702-40618737;2R:+:40618702-40618737;2R:+:40618702-40618737	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_10130	VTNKPYPQGEIVVGGTTVSK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	108	9.61E-11	1	2074.120	0.82	Visceras	2R:+:40618618-40618677;2R:+:40618618-40618677;2R:+:40618618-40618677	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_10619	GVEFEDLCDNK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C8(Carbamidomethyl)	74	2.86E-07	2	1325.568	-0.24	Visceras	2R:+:40619070-40619102;2R:+:40619070-40619102;2R:+:40619070-40619102	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_10904	SEIPAAVHLCK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C10(Carbamidomethyl)	47	0.000211061	1	1224.642	1.28	Head	2R:+:40619248-40619280;2R:+:40619248-40619280;2R:+:40619248-40619280	exon=> In CDS Exon 8 of transcript AGAP003623-PA;exon=> In CDS Exon 9 of transcript AGAP003623-PB;exon=> In CDS Exon 9 of transcript AGAP003623-PC
JHU_Ag_11892	GVEFEDLCDNKK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C8(Carbamidomethyl)	73	5.19E-07	1	1453.664	0.95	Visceras	2R:+:40619070-40619105;2R:+:40619070-40619105;2R:+:40619070-40619105	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_12636	QILGEEDEMQPNGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M9(Oxidation),"M9(Oxidation), N12(Deamidated)"	66	2.46E-06	1	1631.735	1.43	Salivary gland	2R:+:40617048-40617089;2R:+:40617048-40617089;2R:+:40617048-40617089	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC

JHU_Ag_13434	MMQNNIDTLER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M1(Oxidation), M2(Oxidation)	74	4.77E-07	1	1364.630	0.12	Salivary gland	2R:+:40616961-40616993;2R:+:40616961-40616993;2R:+:40616961-40616993	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_13640	HLEEIAER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	55	3.65E-05	1	996.513	2	Malpighian tubule	2R:+:40619034-40619057;2R:+:40619034-40619057;2R:+:40619034-40619057	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_14275	TQEDFFEEDGQR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	83	2.03E-08	1	1500.625	0.58	Salivary gland	2R:+:40618702-40618737;2R:+:40618702-40618737;2R:+:40618702-40618737	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_15416	VTNKPYPQGEIVVGGTTVSK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	90	6.41E-09	1	2074.121	1.52	Salivary gland	2R:+:40618618-40618677;2R:+:40618618-40618677;2R:+:40618618-40618677	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_18746	VGAPSSSNDIR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	69	1.64E-06	2	1102.550	0.75	Visceras	2R:+:40618555-40618587;2R:+:40618555-40618587;2R:+:40618555-40618587	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_19808	SVLSGGAPLAPDTHEQIK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	64	3.80E-06	1	1819.965	5.47	Head	2R:+:40618321-40618374;2R:+:40618321-40618374;2R:+:40618321-40618374	exon=> In CDS Exon 5 of transcript AGAP003623-PA;exon=> In CDS Exon 6 of transcript AGAP003623-PB;exon=> In CDS Exon 6 of transcript AGAP003623-PC
JHU_Ag_19890	VNAEAPMKK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M7(Oxidation)	48	0.000283036	1	1003.523	-1.03	Salivary gland	2R:+:40618086-40618112;2R:+:40618086-40618112;2R:+:40618086-40618112	exon=> In CDS Exon 4 of transcript AGAP003623-PA;exon=> In CDS Exon 5 of transcript AGAP003623-PB;exon=> In CDS Exon 5 of transcript AGAP003623-PC
JHU_Ag_20764	SVLNVTPNVK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	53	3.72E-05	1	1070.618	-1.89	Midgut	2R:+:40617387-40617416;2R:+:40617387-40617416;2R:+:40617387-40617416	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_20814	FKSVLNVTPNVK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	37	0.000795171	2	1345.790	4.8	Malpighian tubule	2R:+:40617381-40617416;2R:+:40617381-40617416;2R:+:40617381-40617416	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_22360	IIQQDSSSITYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	101	9.98E-10	1	1410.723	0.67	Salivary gland	2R:+:40616892-40616927;2R:+:40616892-40616927;2R:+:40616892-40616927	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_22526	IIFMEDQLHPTDTTGFK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M4(Oxidation)	50	0.000190044	1	1992.976	1.24	Salivary gland	2R:+:40617420-40617470;2R:+:40617420-40617470;2R:+:40617420-40617470	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC

JHU_Ag_23911	VTNKPYPQGEIVVGGTTVSK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	86	1.68E-08	1	2074.118	-0.07	Midgut	2R:+:40618618-40618677;2R:+:40618618-40618677;2R:+:40618618-40618677	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_24179	QILGEEDEMQPNGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M9(Oxidation),"M9(Oxidation), N12(Deamidated)"	95	2.97E-09	2	1632.722	3.29	Malpighian tubule	2R:+:40617048-40617089;2R:+:40617048-40617089;2R:+:40617048-40617089	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_24741	TCPVVENICVYGDSTK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C2(Carbamidomethyl), C9(Carbamidomethyl)	135	3.29E-13	1	1841.846	2.71	Salivary gland	2R:+:40618950-40618997;2R:+:40618950-40618997;2R:+:40618950-40618997	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_25944	QILGEEDEMQPNGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M9(Oxidation)	36	0.002847175	2	1631.738	2.78	Head	2R:+:40617048-40617089;2R:+:40617048-40617089;2R:+:40617048-40617089	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_31313	SVDSPGEMHVK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M8(Oxidation)	53	3.84E-05	1	1201.549	-2.05	Salivary gland	2R:+:40616928-40616960;2R:+:40616928-40616960;2R:+:40616928-40616960	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_32998	MMQNNIDTLER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	63	6.19E-06	2	1380.631	4.77	Midgut	2R:+:40616961-40616993;2R:+:40616961-40616993;2R:+:40616961-40616993	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_34008	IIQQDSSSITYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	57	2.90E-05	2	1410.721	-1.06	Pupa	2R:+:40616892-40616927;2R:+:40616892-40616927;2R:+:40616892-40616927	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_34362	IIQQDSSSITYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	101	9.70E-10	1	1410.724	1.01	Malpighian tubule	2R:+:40616892-40616927;2R:+:40616892-40616927;2R:+:40616892-40616927	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_34946	SVLNVTPNVK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	52	4.80E-05	1	1070.622	1.3	Salivary gland	2R:+:40617387-40617416;2R:+:40617387-40617416;2R:+:40617387-40617416	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_35168	QYTVALVVPNPK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	65	2.84E-06	2	1328.759	1.33	Head	2R:+:40618998-40619033;2R:+:40618998-40619033;2R:+:40618998-40619033	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_35325	TQEDFFEEDGQR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	78	5.55E-08	1	1500.625	0.66	Head	2R:+:40618702-40618737;2R:+:40618702-40618737;2R:+:40618702-40618737	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC

JHU_Ag_35542	NFIETEHAAACFGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C11(Carbamidomethyl)	79	1.46E-07	2	1622.740	1.06	Salivary gland	2R:+:40617129-40617170;2R:+:40617129-40617170;2R:+:40617129-40617170	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_38337	IIFMEDQLHPTDTTGFK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M4(Oxidation)	59	2.14E-05	1	1992.976	1.15	Head	2R:+:40617420-40617470;2R:+:40617420-40617470;2R:+:40617420-40617470	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_38604	TQEDFFEEDGQR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	86	7.52E-09	1	1500.614	-6.5	Midgut	2R:+:40618702-40618737;2R:+:40618702-40618737;2R:+:40618702-40618737	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_39418	TCPVVENICVYGDSTK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C2(Carbamidomethyl), C9(Carbamidomethyl)	94	4.50E-09	1	1841.844	1.72	Visceras	2R:+:40618950-40618997;2R:+:40618950-40618997;2R:+:40618950-40618997	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_39846	NFIETEHAAACFGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C11(Carbamidomethyl)	85	3.40E-08	1	1622.736	-1.05	Midgut	2R:+:40617129-40617170;2R:+:40617129-40617170;2R:+:40617129-40617170	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_40465	GDASVLRPTCMTSVPLILDR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C10(Carbamidomethyl), M11(Oxidation),C10(Carbamidomethyl)	91	9.74E-09	1	2217.142	2.16	Head	2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061	exon=> In CDS Exon 3 and 4 of transcript AGAP003623-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003623-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP003623-PC
JHU_Ag_42620	AVLQELADHGRK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	64	2.99E-06	1	1336.737	2.81	Malpighian tubule	2R:+:40619115-40619150;2R:+:40619115-40619150;2R:+:40619115-40619150	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_43183	SVLSGGAPLAPDTHEQIK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	58	1.78E-05	1	1819.954	-0.57	Salivary gland	2R:+:40618321-40618374;2R:+:40618321-40618374;2R:+:40618321-40618374	exon=> In CDS Exon 5 of transcript AGAP003623-PA;exon=> In CDS Exon 6 of transcript AGAP003623-PB;exon=> In CDS Exon 6 of transcript AGAP003623-PC
JHU_Ag_43256	SEIPAAVHLCK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C10(Carbamidomethyl)	57	1.96E-05	1	1224.643	1.87	Salivary gland	2R:+:40619248-40619280;2R:+:40619248-40619280;2R:+:40619248-40619280	exon=> In CDS Exon 8 of transcript AGAP003623-PA;exon=> In CDS Exon 9 of transcript AGAP003623-PB;exon=> In CDS Exon 9 of transcript AGAP003623-PC
JHU_Ag_43801	LQAGEYVSLGK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	45	0.000348705	1	1164.627	1	Salivary gland	2R:+:40618899-40618931;2R:+:40618899-40618931;2R:+:40618899-40618931	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC

JHU_Ag_44297	TGDVGEIHPDGALK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	88	2.49E-08	1	1408.711	3.34	Malpighian tubule	2R:+:40618747-40618788;2R:+:40618747-40618788;2R:+:40618747-40618788	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_46106	NFIETEHAAACFGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C11(Carbamidomethyl)	108	1.65E-10	1	1622.740	1.21	Visceras	2R:+:40617129-40617170;2R:+:40617129-40617170;2R:+:40617129-40617170	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_46942	TGDVGEIHPDGALKIIDR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	71	7.13E-07	1	1906.013	5.02	Malpighian tubule	2R:+:40618747-40618795,40618876-40618880;2R:+:40618747-40618795,40618876-40618880;2R:+:40618747-40618795,40618876-40618880	exon=> In CDS Exon 6 and 7 of transcript AGAP003623-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP003623-PB;exon=> In CDS Exon 7 and 8 of transcript AGAP003623-PC
JHU_Ag_48334	TGDVGEIHPDGALK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	90	1.71E-08	1	1408.708	0.57	Salivary gland	2R:+:40618747-40618788;2R:+:40618747-40618788;2R:+:40618747-40618788	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_48751	VGAPSSSNDIR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	64	4.60E-06	2	1102.549	-0.14	Midgut	2R:+:40618555-40618587;2R:+:40618555-40618587;2R:+:40618555-40618587	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_49858	SVLNVTPNVK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	46	0.000187611	1	1070.623	2.33	Malpighian tubule	2R:+:40617387-40617416;2R:+:40617387-40617416;2R:+:40617387-40617416	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_52706	QNIVIFAETR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	54	3.92E-05	2	1190.655	1.46	Pupa	2R:+:40617201-40617230;2R:+:40617201-40617230;2R:+:40617201-40617230	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_53604	SEIPAAVHLCK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C10(Carbamidomethyl)	43	0.000573342	1	1224.641	0.58	Visceras	2R:+:40619248-40619280;2R:+:40619248-40619280;2R:+:40619248-40619280	exon=> In CDS Exon 8 of transcript AGAP003623-PA;exon=> In CDS Exon 9 of transcript AGAP003623-PB;exon=> In CDS Exon 9 of transcript AGAP003623-PC
JHU_Ag_58117	VTNKPYPQGEIVVGGTTVSK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	83	3.37E-08	1	2074.119	0.37	Pupa	2R:+:40618618-40618677;2R:+:40618618-40618677;2R:+:40618618-40618677	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_60429	HLEEIAER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	47	0.000208168	2	996.511	0.04	Pupa	2R:+:40619034-40619057;2R:+:40619034-40619057;2R:+:40619034-40619057	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC

JHU_Ag_61113	AVLQELADHGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	93	5.69E-09	1	1208.643	3.5	Malpighian tubule	2R:+:40619115-40619147;2R:+:40619115-40619147;2R:+:40619115-40619147	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_63001	GVEFEDLCDNK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C8(Carbamidomethyl)	73	2.98E-07	2	1325.569	0.68	Salivary gland	2R:+:40619070-40619102;2R:+:40619070-40619102;2R:+:40619070-40619102	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_65414	LINWEEGNYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	50	0.000146062	2	1293.623	0.92	Head	2R:+:40618588-40618617;2R:+:40618588-40618617;2R:+:40618588-40618617	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_67105	IIQQDSSSITYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	95	4.63E-09	1	1410.725	1.62	Visceras	2R:+:40616892-40616927;2R:+:40616892-40616927;2R:+:40616892-40616927	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_68255	LINWEEGNYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	61	1.35E-05	2	1293.620	-1.91	Midgut	2R:+:40618588-40618617;2R:+:40618588-40618617;2R:+:40618588-40618617	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_69992	IIFMEDQLHPTDTTGFKEGVEIIPFSK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M4(Oxidation)	68	1.63E-06	1	3108.579	6.2	Malpighian tubule	2R:+:40617420-40617500;2R:+:40617420-40617500;2R:+:40617420-40617500	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_71014	QILGEEDEMQPNGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M9(Oxidation), N12(Deamidated)	78	1.16E-07	2	1632.711	-3.96	Midgut	2R:+:40617048-40617089;2R:+:40617048-40617089;2R:+:40617048-40617089	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_71610	GVEFEDLCDNK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C8(Carbamidomethyl)	74	2.36E-07	2	1325.567	-0.52	Midgut	2R:+:40619070-40619102;2R:+:40619070-40619102;2R:+:40619070-40619102	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_73462	MFNFVTK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	43	0.000446322	2	886.451	1.54	Salivary gland	2R:+:40616994-40617014;2R:+:40616994-40617014;2R:+:40616994-40617014	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_75691	LINWEEGNYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	60	1.50E-05	1	1293.623	0.45	Salivary gland	2R:+:40618588-40618617;2R:+:40618588-40618617;2R:+:40618588-40618617	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_76051	MMQNNIDTLER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M1(Oxidation), M2(Oxidation)	46	0.000230166	2	1396.619	-0.47	Head	2R:+:40616961-40616993;2R:+:40616961-40616993;2R:+:40616961-40616993	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC

JHU_Ag_76511	VTNKPYPQGEIVVGGTTVSK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	92	3.61E-09	1	2074.123	2.58	Head	2R:+:40618618-40618677;2R:+:40618618-40618677;2R:+:40618618-40618677	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_76743	LQAGEYVSLGK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	54	4.37E-05	2	1164.630	3.62	Malpighian tubule	2R:+:40618899-40618931;2R:+:40618899-40618931;2R:+:40618899-40618931	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_76896	TQEDFFEEDGQR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	78	6.35E-08	2	1500.625	1.07	Malpighian tubule	2R:+:40618702-40618737;2R:+:40618702-40618737;2R:+:40618702-40618737	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_78392	TGDVGEIHPDGALK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	82	9.66E-08	1	1408.707	0.31	Visceras	2R:+:40618747-40618788;2R:+:40618747-40618788;2R:+:40618747-40618788	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_79378	VGAPSSSNDIR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	59	1.45E-05	1	1102.549	0.42	Head	2R:+:40618555-40618587;2R:+:40618555-40618587;2R:+:40618555-40618587	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_79684	VGAPSSSNDIRLINWEEGNYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	62	7.92E-06	1	2377.164	4.37	Malpighian tubule	2R:+:40618555-40618617;2R:+:40618555-40618617;2R:+:40618555-40618617	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_80410	SVLNVTPNVKK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	54	1.76E-05	1	1198.719	2.89	Malpighian tubule	2R:+:40617387-40617419;2R:+:40617387-40617419;2R:+:40617387-40617419	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_85374	SVLSGGAPLAPDTHEQIK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	76	2.58E-07	1	1819.959	2.05	Visceras	2R:+:40618321-40618374;2R:+:40618321-40618374;2R:+:40618321-40618374	exon=> In CDS Exon 5 of transcript AGAP003623-PA;exon=> In CDS Exon 6 of transcript AGAP003623-PB;exon=> In CDS Exon 6 of transcript AGAP003623-PC
JHU_Ag_86929	QYTVALVVPNPK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	81	6.42E-08	2	1328.758	0.69	Salivary gland	2R:+:40618998-40619033;2R:+:40618998-40619033;2R:+:40618998-40619033	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_89188	SVDSPGEMHVK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M8(Oxidation)	57	1.42E-05	1	1201.555	3.03	Malpighian tubule	2R:+:40616928-40616960;2R:+:40616928-40616960;2R:+:40616928-40616960	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_90124	IIQQDSSSITYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	97	2.66E-09	1	1410.720	-1.41	Midgut	2R:+:40616892-40616927;2R:+:40616892-40616927;2R:+:40616892-40616927	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC

JHU_Ag_92601	QYTVALVVPNPK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	73	3.54E-07	2	1328.763	4.27	Malpighian tubule	2R:+:40618998-40619033;2R:+:40618998-40619033;2R:+:40618998-40619033	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_93232	HLEEIAER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	59	1.50E-05	1	996.512	0.72	Salivary gland	2R:+:40619034-40619057;2R:+:40619034-40619057;2R:+:40619034-40619057	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_93322	HLEEIAER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	55	3.64E-05	1	996.508	-3.02	Head	2R:+:40619034-40619057;2R:+:40619034-40619057;2R:+:40619034-40619057	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_93341	GDASVLRPTCMTSVPLILDR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C10(Carbamidomethyl), M11(Oxidation),C10(Carbamidomethyl)	89	1.64E-08	1	2217.140	1.42	Visceras	2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061;2R:+:40617922-40617966,40618047-40618061	exon=> In CDS Exon 3 and 4 of transcript AGAP003623-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003623-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP003623-PC
JHU_Ag_93828	MGDYVWR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M1(Oxidation)	36	0.001187327	2	942.414	0.01	Visceras	2R:+:40617108-40617128;2R:+:40617108-40617128;2R:+:40617108-40617128	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_93914	MMQNNIDTLER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	63	6.02E-06	1	1380.629	2.91	Malpighian tubule	2R:+:40616961-40616993;2R:+:40616961-40616993;2R:+:40616961-40616993	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_95077	GVEFEDLCDNK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C8(Carbamidomethyl)	58	1.03E-05	2	1325.569	0.59	Head	2R:+:40619070-40619102;2R:+:40619070-40619102;2R:+:40619070-40619102	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_97090	LINWEEGNYR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	49	0.000196421	2	1293.624	1.67	Visceras	2R:+:40618588-40618617;2R:+:40618588-40618617;2R:+:40618588-40618617	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_99770	VGAPSSSNDIR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	64	5.72E-06	2	1102.552	2.63	Malpighian tubule	2R:+:40618555-40618587;2R:+:40618555-40618587;2R:+:40618555-40618587	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_105354	HLEEIAER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	50	0.000119791	2	996.510	-0.57	Midgut	2R:+:40619034-40619057;2R:+:40619034-40619057;2R:+:40619034-40619057	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC

JHU_Ag_107698	SVLSGGAPLAPDTHEQIK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	35	0.003709419	1	1819.960	3.05	Malpighian tubule	2R:+:40618321-40618374;2R:+:40618321-40618374;2R:+:40618321-40618374	exon=> In CDS Exon 5 of transcript AGAP003623-PA;exon=> In CDS Exon 6 of transcript AGAP003623-PB;exon=> In CDS Exon 6 of transcript AGAP003623-PC
JHU_Ag_108688	GVLLSHANCIGTMK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C9(Carbamidomethyl), M13(Oxidation)	48	0.000237944	2	1516.765	2.76	Malpighian tubule	2R:+:40617703-40617744;2R:+:40617703-40617744;2R:+:40617703-40617744	exon=> In CDS Exon 3 of transcript AGAP003623-PA;exon=> In CDS Exon 4 of transcript AGAP003623-PB;exon=> In CDS Exon 4 of transcript AGAP003623-PC
JHU_Ag_109803	TGDVGEIHPDGALK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	78	2.32E-07	1	1408.707	0.14	Pupa	2R:+:40618747-40618788;2R:+:40618747-40618788;2R:+:40618747-40618788	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_110305	NFIETEHAAACFGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	C11(Carbamidomethyl)	69	1.29E-06	2	1622.741	2.04	Head	2R:+:40617129-40617170;2R:+:40617129-40617170;2R:+:40617129-40617170	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_111480	AVLQELADHGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	87	2.49E-08	1	1208.638	-0.03	Salivary gland	2R:+:40619115-40619147;2R:+:40619115-40619147;2R:+:40619115-40619147	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_113083	HLEEIAER	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	51	8.74E-05	2	996.514	3.41	Larva	2R:+:40619034-40619057;2R:+:40619034-40619057;2R:+:40619034-40619057	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_113091	TQEDFFEEDGQR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	97	7.16E-10	1	1500.626	1.56	Visceras	2R:+:40618702-40618737;2R:+:40618702-40618737;2R:+:40618702-40618737	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_113458	TGDVGEIHPDGALK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	74	7.52E-07	1	1408.710	2.04	Midgut	2R:+:40618747-40618788;2R:+:40618747-40618788;2R:+:40618747-40618788	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_114046	QYTVALVVPNPK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	79	1.07E-07	2	1328.760	2.16	Visceras	2R:+:40618998-40619033;2R:+:40618998-40619033;2R:+:40618998-40619033	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_114495	VGAPSSSNDIR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	73	6.76E-07	2	1102.551	1.64	Pupa	2R:+:40618555-40618587;2R:+:40618555-40618587;2R:+:40618555-40618587	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_116041	VTNKPYPQGEIVVGGTTVSK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	111	4.27E-11	1	2074.122	1.96	Malpighian tubule	2R:+:40618618-40618677;2R:+:40618618-40618677;2R:+:40618618-40618677	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC

JHU_Ag_116765	SVDSPGEMHVK	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	M8(Oxidation)	43	0.000344338	2	1201.550	-1.24	Midgut	2R:+:40616928-40616960;2R:+:40616928-40616960;2R:+:40616928-40616960	exon=> In CDS Exon 2 of transcript AGAP003623-PA;exon=> In CDS Exon 3 of transcript AGAP003623-PB;exon=> In CDS Exon 3 of transcript AGAP003623-PC
JHU_Ag_116972	TQEDFFEEDGQRWFR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	58	1.19E-05	1	1989.882	4.78	Malpighian tubule	2R:+:40618702-40618746;2R:+:40618702-40618746;2R:+:40618702-40618746	exon=> In CDS Exon 6 of transcript AGAP003623-PA;exon=> In CDS Exon 7 of transcript AGAP003623-PB;exon=> In CDS Exon 7 of transcript AGAP003623-PC
JHU_Ag_117463	AVLQELADHGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	69	1.63E-06	2	1208.639	0.77	Head	2R:+:40619115-40619147;2R:+:40619115-40619147;2R:+:40619115-40619147	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_117832	AVLQELADHGR	AGAP003623-PA,AGAP003623-PB,AGAP003623-PC	-	82	8.06E-08	1	1208.639	0.77	Visceras	2R:+:40619115-40619147;2R:+:40619115-40619147;2R:+:40619115-40619147	exon=> In CDS Exon 7 of transcript AGAP003623-PA;exon=> In CDS Exon 8 of transcript AGAP003623-PB;exon=> In CDS Exon 8 of transcript AGAP003623-PC
JHU_Ag_74558	VESMTEYLQNAGYGK	AGAP003625-PA	M4(Oxidation)	82	8.46E-08	1	1705.784	5.95	Larva	2R:+:40683080-40683124	exon=> In CDS Exon 2 of transcript AGAP003625-PA
JHU_Ag_88663	EKVESMTEYLQNAGYGK	AGAP003625-PA	M6(Oxidation)	107	2.63E-10	1	1962.914	1.56	Larva	2R:+:40683074-40683124	exon=> In CDS Exon 2 of transcript AGAP003625-PA
JHU_Ag_90643	MNPYSPELNYFLAYQYCR	AGAP003625-PA	M1(Oxidation), C17(Carbamidomethyl)	87	1.87E-08	2	2345.050	5.55	Larva	2R:+:40682984-40683037	exon=> In CDS Exon 2 of transcript AGAP003625-PA
JHU_Ag_97785	ITTIQLDGVQYFISR	AGAP003625-PA	-	111	4.71E-11	1	1753.956	4.2	Pupa	2R:+:40682939-40682983	exon=> In CDS Exon 2 of transcript AGAP003625-PA
JHU_Ag_110302	ITTIQLDGVQYFISR	AGAP003625-PA	-	33	0.003154096	1	1753.960	6.57	Larva	2R:+:40682939-40682983	exon=> In CDS Exon 2 of transcript AGAP003625-PA
JHU_Ag_112804	SLGLQLASFETK	AGAP003625-PA	-	49	0.000101925	1	1293.709	3.4	Larva	2R:+:40683038-40683073	exon=> In CDS Exon 2 of transcript AGAP003625-PA
JHU_Ag_14890	SLCEGDAGGLLQTLDR	AGAP003626-PA	C3(Carbamidomethyl)	132	1.05E-12	2	1704.827	2.64	Pupa	2R:-:40687308-40687261	exon=> In CDS Exon 4 of transcript AGAP003626-PA
JHU_Ag_15953	LTSSGFTMGR	AGAP003626-PA	M8(Oxidation)	49	0.000104299	2	1072.507	-1.84	Pupa	2R:-:40687551-40687522	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_20137	TNVFDTPPNGLPAR	AGAP003626-PA	N9(Deamidated)	66	3.61E-06	2	1499.751	1.62	Pupa	2R:-:40687962-40687921	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_21112	LIGVEAK	AGAP003626-PA	-	36	0.00103695	2	729.450	-1.27	Pupa	2R:-:40687239-40687219	exon=> In CDS Exon 4 of transcript AGAP003626-PA
JHU_Ag_22446	ASYNDIALVR	AGAP003626-PA	-	78	2.16E-07	2	1121.595	-0.08	Pupa	2R:-:40687662-40687633	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_23878	SLCEGDAGGLLQTLDRDSADVYR	AGAP003626-PA	C3(Carbamidomethyl)	56	3.28E-05	3	2511.185	2.7	Pupa	2R:-:40687308-40687240	exon=> In CDS Exon 4 of transcript AGAP003626-PA
JHU_Ag_47100	RDDLILHPSYDEQTK	AGAP003626-PA	-	75	5.95E-07	1	1829.906	1.93	Larva	2R:-:40687707-40687663	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_47953	VGQWFYEDEDDTAFILR	AGAP003626-PA	-	106	3.00E-10	1	2103.961	-2.57	Pupa	2R:-:40687893-40687843	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_49706	RDDLILHPSYDEQTK	AGAP003626-PA	-	96	4.08E-09	1	1829.903	0.07	Pupa	2R:-:40687707-40687663	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_67450	EYTDSGYYPQGVTDALLCAESPVEWK	AGAP003626-PA	C18(Carbamidomethyl)	96	2.66E-09	2	2978.343	0.9	Pupa	2R:-:40687386-40687309	exon=> In CDS Exon 4 of transcript AGAP003626-PA
JHU_Ag_68845	YVLIAAHCLWTLGDEEVSLGR	AGAP003626-PA	C8(Carbamidomethyl)	36	0.003434408	3	2402.217	-0.23	Pupa	2R:-:40687815-40687753	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_76199	DDLILHPSYDEQTK	AGAP003626-PA	-	90	1.58E-08	1	1673.804	1.19	Pupa	2R:-:40687704-40687663	exon=> In CDS Exon 3 of transcript AGAP003626-PA

JHU_Ag_87356	TIASFPSK	AGAP003626-PA	-	36	0.004012014	1	850.465	-1.81	Pupa	2R:-:40687998-40687975	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_90059	LAQPVTFTSHIYPACLWTEEEAAEPTK	AGAP003626-PA	C15(Carbamidomethyl)	130	1.17E-12	1	3089.503	3.5	Pupa	2R:-:40687632-40687552	exon=> In CDS Exon 3 of transcript AGAP003626-PA
JHU_Ag_26561	DTCQGDSGGPLQVVTNPR	AGAP003627-PA	C3(Carbamidomethyl)	69	1.79E-06	2	1900.877	-2.68	Pupa	2R:+:40696268-40696321	exon=> In CDS Exon 2 of transcript AGAP003627-PA
JHU_Ag_973	VILSQFLYDGGDGYEMLPGSPR	AGAP003629-PA	M16(Oxidation)	87	3.09E-08	2	2430.161	-1.45	Midgut	2R:-:40698880-40698815	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_8956	TVLPFGNAMVVTDITGAQLR	AGAP003629-PA	M9(Oxidation)	142	4.78E-14	1	2103.133	2.76	Malpighian tubule	2R:-:40699132-40699073	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_11417	YSPIYPAIEWR	AGAP003629-PA	-	50	0.000123232	1	1394.714	2.73	Malpighian tubule	2R:-:40698763-40698731	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_18779	NQGVNILIALGHSGLER	AGAP003629-PA	-	66	1.71E-06	1	1790.989	0.87	Malpighian tubule	2R:-:40699735-40699685	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_21236	EVPVVQAYAYTK	AGAP003629-PA	-	50	0.000102515	2	1367.728	5.48	Malpighian tubule	2R:-:40699540-40699505	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_21908	QLAPINTVEFLDEIEEINK	AGAP003629-PA	-	86	3.01E-08	1	2215.147	-0.93	Malpighian tubule	2R:-:40700047-40700251,40698551-40699754	exon=> In CDS Exon 4 and 3 of transcript AGAP003629-PA
JHU_Ag_33819	ASVNAGPITMKDLK	AGAP003629-PA	M10(Oxidation)	37	0.00210063	1	1444.790	4.88	Malpighian tubule	2R:-:40699174-40699133	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_52709	AGGLELIILHNNDMHAR	AGAP003629-PA	-	83	6.42E-08	1	1873.975	2.52	Malpighian tubule	2R:-:40700705-40700655	exon=> In CDS Exon 1 of transcript AGAP003629-PA
JHU_Ag_55863	IGVIGYLTPETK	AGAP003629-PA	-	83	2.99E-08	1	1290.736	4.61	Malpighian tubule	2R:-:40700083-40700048	exon=> In CDS Exon 3 of transcript AGAP003629-PA
JHU_Ag_65428	YSPIYPAIEWR	AGAP003629-PA	-	46	0.000406788	1	1394.709	-1.12	Midgut	2R:-:40698763-40698731	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_79585	QLAPINTVEFLDEIEEINKEATSLK	AGAP003629-PA	-	44	0.000288198	1	2844.489	0.43	Malpighian tubule	2R:-:40700047-40700251,40698551-40699736	exon=> In CDS Exon 4 and 3 of transcript AGAP003629-PA
JHU_Ag_82106	VILSQFLYDGGDGYEMLPGSPR	AGAP003629-PA	M16(Oxidation)	135	5.03E-13	1	2414.185	6.35	Malpighian tubule	2R:-:40698880-40698815	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_93507	QLLTFGEYEITEEYLK	AGAP003629-PA	-	96	3.94E-09	1	1975.992	0.84	Malpighian tubule	2R:-:40698814-40698767	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_95470	EVPVVQAYAYTK	AGAP003629-PA	-	50	9.25E-05	2	1367.720	-0.23	Midgut	2R:-:40699540-40699505	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_99971	QLLTFGEYEITEEYLKR	AGAP003629-PA	-	59	1.57E-05	1	2132.102	5.05	Malpighian tubule	2R:-:40698814-40698764	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_107859	CQVPAYEELQDDGVYR	AGAP003629-PA	C1(Carbamidomethyl)	73	5.21E-07	2	1941.862	-1.25	Midgut	2R:-:40698928-40698881	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_112286	ASVNAGPITMK	AGAP003629-PA	M10(Oxidation)	63	6.82E-06	2	1104.571	-0.67	Malpighian tubule	2R:-:40699174-40699142	exon=> In CDS Exon 4 of transcript AGAP003629-PA
JHU_Ag_26818	HLVNEVPFPFVTVK	AGAP003632-PA	-	42	0.000329061	2	1625.914	5.27	Ovary	2R:-:40783201-40783160	exon=> In CDS Exon 1 of transcript AGAP003632-PA
JHU_Ag_40790	LIDGINALTGSHYIR	AGAP003632-PA	-	54	3.74E-05	1	1642.890	-0.51	Ovary	2R:-:40785274-40785230	exon=> In CDS Exon 1 of transcript AGAP003632-PA
JHU_Ag_53996	ATLADADEQMYETAER	AGAP003632-PA	M10(Oxidation)	79	9.20E-08	2	1829.793	3.9	Malpighian tubule	2R:-:40783756-40783709	exon=> In CDS Exon 1 of transcript AGAP003632-PA
JHU_Ag_36046	LTPQVYEAAEFER	AGAP003633-PA	-	66	4.33E-06	2	1552.764	-0.11	Ovary	2R:-:40789700-40789662	exon=> In CDS Exon 3 of transcript AGAP003633-PA
JHU_Ag_68618	LLTAFEEYLGSLGPK	AGAP003633-PA	-	45	0.000295275	2	1637.879	0.38	Ovary	2R:-:40788419-40788375	exon=> In CDS Exon 3 of transcript AGAP003633-PA
JHU_Ag_75377	REPVKPPEEELSR	AGAP003633-PA	-	37	0.002740335	1	1565.825	-2.14	Ovary	2R:-:40788158-40788120	exon=> In CDS Exon 3 of transcript AGAP003633-PA
JHU_Ag_95393	TEFDADSSTPLNFVAVCR	AGAP003633-PA	C17(Carbamidomethyl)	54	5.82E-05	2	2028.933	0.02	Ovary	2R:-:40788473-40788420	exon=> In CDS Exon 3 of transcript AGAP003633-PA

JHU_Ag_18370	AATSASLVTAANSFSR	AGAP003638-PA	-	41	0.000887 13	1	1553.797	3.48	Salivary gland	2R:+:40874230-40874277	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_23587	GQFYRPASTFVDNTTLR	AGAP003638-PA	-	65	5.22E-06	1	1972.990	1.19	Salivary gland	2R:+:40873057-40873107	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_33023	DPAPVAEPVSTITK	AGAP003638-PA	-	48	0.000161 659	1	1424.765	1.21	Head	2R:+:40875907-40875948	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_63664	ISIGPGGSTTTTVESSSGYIR	AGAP003638-PA	-	136	3.36E-13	1	2070.041	2.68	Salivary gland	2R:+:40875232-40875294	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_63780	SSLANFK	AGAP003638-PA	N5(Deamidated)	34	0.002806 931	2	767.392	-1.44	Head	2R:+:40873654-40873674	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_68120	SDYIQSLNSPAQTGTSTSGPLHLTPR	AGAP003638-PA	-	48	0.000202 57	1	2728.363	3.46	Salivary gland	2R:+:40874104-40874181	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_68452	SDYIQSLNSPAQTGTSTSGPLHLTPR	AGAP003638-PA	-	44	0.000510 219	1	2728.358	1.72	Head	2R:+:40874104-40874181	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_68666	VTVLLPR	AGAP003638-PA	-	47	1.18E-05	2	797.526	2.08	Salivary gland	2R:+:40870969-40870989	exon=> In CDS Exon 2 of transcript AGAP003638-PA
JHU_Ag_77635	LSFGPKPPTVLQPTVR	AGAP003638-PA	-	44	6.95E-05	1	1737.011	2.94	Salivary gland	2R:+:40875646-40875693	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_112106	ISIGPGGSTTTTVESSSGYIRR	AGAP003638-PA	-	56	3.82E-05	1	2226.146	4.55	Malpighian tubule	2R:+:40875232-40875297	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_115725	FGGSSTLPR	AGAP003638-PA	-	43	0.000725 699	2	921.479	0.16	Salivary gland	2R:+:40875169-40875195	exon=> In CDS Exon 4 of transcript AGAP003638-PA
JHU_Ag_15333	YLTDVDINAPANVEFGLR	AGAP003639-PA	-	101	1.20E-09	1	2007.027	4.18	Larva	2R:+:40880283-40880336	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_18561	ITNVLYTNGELDPLR	AGAP003639-PA	N8(Deamidated)	128	1.67E-12	1	1717.921	5.5	Larva	2R:+:40880535-40880579	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_22256	ITNVLYTNGELDPLR	AGAP003639-PA	N8(Deamidated)	82	8.76E-08	2	1718.898	1.44	Pupa	2R:+:40880535-40880579	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_34437	QAGYQDCTEFGYFEMTTSPDQPFGTK	AGAP003639-PA	C7(Carbamidomethyl), M15(Oxidation)	92	2.49E-09	1	3021.272	5.41	Larva	2R:+:40880337-40880414	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_34782	ECFDLSFENFIR	AGAP003639-PA	C2(Carbamidomethyl)	93	5.14E-09	1	1576.721	6.97	Larva	2R:+:40880247-40880282	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_53858	DVVYEGVR	AGAP003639-PA	-	50	0.000170 54	1	936.482	3.86	Larva	2R:+:40880475-40880498	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_54881	VCDALTDDEFGTGLEALSAFLLDR	AGAP003639-PA	C2(Carbamidomethyl)	138	2.45E-13	2	2628.261	4.04	Larva	2R:+:40880160-40880231	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_63974	VTYDLFLAECQAAYGDWLSK	AGAP003639-PA	C10(Carbamidomethyl)	63	6.83E-06	2	2350.119	5.57	Larva	2R:+:40880415-40880474	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_90215	VTPGAFIGQDIQSISGMDSEELLETK	AGAP003639-PA	M17(Oxidation)	133	6.99E-13	1	2781.369	6.86	Larva	2R:+:40880625-40880702	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_94318	AVSITEYTNLLANAR	AGAP003639-PA	N13(Deamidated)	106	2.56E-10	1	1635.878	4.58	Larva	2R:+:40880580-40880624	exon=> In CDS Exon 2 of transcript AGAP003639-PA
JHU_Ag_23520	LTNFHFGATDPR	AGAP003639-PA,AGAP003640-PA	-	59	2.30E-05	1	1375.680	3.25	Larva	2R:+:40880499-40880534;2R:+:40883545-40883580	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_3902	IFQAFHTAENLIDAGR	AGAP003639-PA,AGAP003641-PA	Q3(Deamidated)	127	3.20E-12	1	1802.929	5.83	Larva	2R:+:40879968-40880015;2R:+:40894814-40894861	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003641-PA
JHU_Ag_16668	KDGIRPPK	AGAP003639-PA,AGAP003641-PA	-	35	0.001074 1	2	910.547	-0.21	Male reproductive organs	2R:+:40879293-40879316;2R:+:40894139-40894162	exon=> In CDS Exon 1 of transcript AGAP003639-PA;exon=> In CDS Exon 1 of transcript AGAP003641-PA
JHU_Ag_18433	DVAALEGAWLATNEHR	AGAP003639-PA,AGAP003641-PA	-	100	1.70E-09	2	1752.872	3.09	Pupa	2R:+:40879518-40879565;2R:+:40894364-40894411	exon=> In CDS Exon 1 of transcript AGAP003639-PA;exon=> In CDS Exon 1 of transcript AGAP003641-PA

JHU_Ag_42256	QRFPNIIDGAWGSSAPVR	AGAP003639-PA,AGAP003641-PA	N5(Deamidated)	106	2.65E-10	1	1971.029	4.71	Larva	2R:+:40879833-40879886;2R:+:40894679-40894732	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003641-PA
JHU_Ag_54769	ATTNFEEFAVEVGNIIR	AGAP003639-PA,AGAP003641-PA	-	123	7.28E-12	1	1909.974	4.6	Larva	2R:+:40879887-40879937;2R:+:40894733-40894783	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003641-PA
JHU_Ag_64524	IFQAFHTAENLIDAGR	AGAP003639-PA,AGAP003641-PA	-	41	0.001325711	1	1802.918	-0.1	Pupa	2R:+:40879968-40880015;2R:+:40894814-40894861	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003641-PA
JHU_Ag_71336	YFGESYPTEDLSTENLR	AGAP003639-PA,AGAP003641-PA	-	85	4.25E-08	2	2020.916	1.39	Pupa	2R:+:40879566-40879591,40879670-40879694;2R:+:40894412-40894437,40894516-40894540	exon=> In CDS Exon 1 and 2 of transcript AGAP003639-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003641-PA
JHU_Ag_71564	DTFEFNYLHNDQYYR	AGAP003639-PA,AGAP003641-PA	Q12(Deamidated),N6(Deamidated),N10(Deamidated)	132	4.90E-13	1	2024.886	4.46	Larva	2R:+:40879395-40879439;2R:+:40894241-40894285	exon=> In CDS Exon 1 of transcript AGAP003639-PA;exon=> In CDS Exon 1 of transcript AGAP003641-PA
JHU_Ag_73447	FPNIIDGAWGSSAPVR	AGAP003639-PA,AGAP003641-PA	-	129	2.13E-12	1	1686.868	4.84	Larva	2R:+:40879839-40879886;2R:+:40894685-40894732	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003641-PA
JHU_Ag_73507	VILHGVGYGGSLATWAR	AGAP003639-PA,AGAP003641-PA	-	135	2.88E-13	1	1756.957	4.1	Larva	2R:+:40879782-40879832;2R:+:40894628-40894678	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003641-PA
JHU_Ag_73758	VNHFDPQNRDTFEFNYLHNDQYYR	AGAP003639-PA,AGAP003641-PA	N8(Deamidated)	136	2.81E-13	1	3132.413	4.8	Larva	2R:+:40879368-40879439;2R:+:40894214-40894285	exon=> In CDS Exon 1 of transcript AGAP003639-PA;exon=> In CDS Exon 1 of transcript AGAP003641-PA
JHU_Ag_80042	QGGPLFIVVGGHYPVNPYFMENSHFR	AGAP003639-PA,AGAP003641-PA	M20(Oxidation)	137	2.76E-13	1	2978.454	4.36	Larva	2R:+:40879440-40879517;2R:+:40894286-40894363	exon=> In CDS Exon 1 of transcript AGAP003639-PA;exon=> In CDS Exon 1 of transcript AGAP003641-PA
JHU_Ag_84948	YFGESYPTEDLSTENLR	AGAP003639-PA,AGAP003641-PA	-	121	1.06E-11	1	2020.918	2.17	Larva	2R:+:40879566-40879591,40879670-40879694;2R:+:40894412-40894437,40894516-40894540	exon=> In CDS Exon 1 and 2 of transcript AGAP003639-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003641-PA
JHU_Ag_94801	VILHGVGYGGSLATWAR	AGAP003639-PA,AGAP003641-PA	-	36	0.002385806	3	1756.948	-0.57	Pupa	2R:+:40879782-40879832;2R:+:40894628-40894678	exon=> In CDS Exon 2 of transcript AGAP003639-PA;exon=> In CDS Exon 2 of transcript AGAP003641-PA
JHU_Ag_95096	VNHFDPQNR	AGAP003639-PA,AGAP003641-PA	-	42	0.000665528	1	1126.543	3.91	Larva	2R:+:40879368-40879394;2R:+:40894214-40894240	exon=> In CDS Exon 1 of transcript AGAP003639-PA;exon=> In CDS Exon 1 of transcript AGAP003641-PA
JHU_Ag_106416	DVAALEGAWLATNEHR	AGAP003639-PA,AGAP003641-PA	-	135	4.94E-13	1	1752.876	5.32	Larva	2R:+:40879518-40879565;2R:+:40894364-40894411	exon=> In CDS Exon 1 of transcript AGAP003639-PA;exon=> In CDS Exon 1 of transcript AGAP003641-PA
JHU_Ag_15876	ITNVLYTNGGIDPFR	AGAP003640-PA	N8(Deamidated)	106	3.11E-10	2	1680.869	6	Larva	2R:+:40883581-40883625	exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_30276	VTPAAFYTEDIR	AGAP003640-PA	-	56	3.86E-05	2	1382.702	5.21	Larva	2R:+:40883671-40883706	exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_36901	IKGSDECYNSIFR	AGAP003640-PA	C7(Carbamidomethyl)	59	1.78E-05	2	1588.750	4.84	Larva	2R:+:40882984-40883022	exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_38330	HVSITEYTNLLANAR	AGAP003640-PA	-	102	8.02E-10	2	1701.900	4.65	Larva	2R:+:40883626-40883670	exon=> In CDS Exon 2 of transcript AGAP003640-PA

JHU_Ag_40534	ATVNFEEFTEDFGNTIR	AGAP003640-PA	-	119	1.93E-11	1	1989.928	4.62	Larva	2R:+:40882933-40882983	exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_43785	VILHGFSYGGALASWAR	AGAP003640-PA	-	44	0.000449682	1	1804.956	3.71	Larva	2R:+:40882828-40882878	exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_57681	TNPFFIDETHFK	AGAP003640-PA	-	55	4.67E-05	2	1495.728	4.45	Larva	2R:+:40882521-40882556	exon=> In CDS Exon 1 of transcript AGAP003640-PA
JHU_Ag_64732	YFGTSVPTEDLSSDNLR	AGAP003640-PA	-	112	1.15E-10	1	1900.898	3.21	Larva	2R:+:40882605-40882630,40882716-40882740	exon=> In CDS Exon 1 and 2 of transcript AGAP003640-PA
JHU_Ag_113178	DIAALQGAFLATNEHR	AGAP003640-PA	-	94	5.27E-09	2	1726.896	5.34	Larva	2R:+:40882557-40882604	exon=> In CDS Exon 1 of transcript AGAP003640-PA
JHU_Ag_113530	AFHTAENLLDAGR	AGAP003640-PA	-	104	5.00E-10	1	1414.714	4.33	Larva	2R:+:40883023-40883061	exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_113571	AISGMDSEEMLETK	AGAP003640-PA	M5(Oxidation), M10(Oxidation)	104	2.96E-10	1	1572.681	2.91	Larva	2R:+:40883707-40883748	exon=> In CDS Exon 2 of transcript AGAP003640-PA
JHU_Ag_10809	TLLVKNQLK	AGAP003643-PA	-	19	0.008890237	1	1056.693	14.84	Malpighian tubule	2R:+:40912641-40912667	exon=> In CDS Exon 5 of transcript AGAP003643-PA
JHU_Ag_75376	QLAAHQNLQWAFK	AGAP003643-PA	Q9(Deamidated)	35	0.004521367	2	1555.789	-7.98	Malpighian tubule	2R:+:40919859-40919897	exon=> In CDS Exon 13 of transcript AGAP003643-PA
JHU_Ag_101071	NESCASSSR	AGAP003643-PA	C4(Carbamidomethyl)	39	0.000541065	2	997.415	14.92	Midgut	2R:+:40913085-40913111	exon=> In CDS Exon 5 of transcript AGAP003643-PA
JHU_Ag_72990	VSPNNTIISITDAK	AGAP003644-PA	-	43	0.000516642	2	1472.799	2.42	Head	2R:+:40925593-40925634	exon=> In CDS Exon 2 of transcript AGAP003644-PA
JHU_Ag_115593	TSIFPDANTPTSLINGVPFNEIPICHIR	AGAP003644-PA	C25(Carbamidomethyl)	73	4.21E-07	1	3123.596	0.91	Head	2R:+:40925509-40925592	exon=> In CDS Exon 2 of transcript AGAP003644-PA
JHU_Ag_3105	GFLVQYR	AGAP003647-PA	-	35	0.002346024	2	882.483	-0.11	Pupa	2R:-:40953079-40953059	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_12187	IVDGAFDTSSVDR	AGAP003647-PA	-	79	1.74E-07	1	1381.667	5.12	Male reproductive organs	2R:-:40955244-40955206	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_12681	NLFLHILGVGPAPSK	AGAP003647-PA	-	90	2.85E-09	1	1562.903	-1.3	Midgut	2R:-:40953610-40953566	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_13985	VLLSTEDGAIVLLQQGK	AGAP003647-PA	-	89	4.39E-09	2	1784.016	-0.25	Midgut	2R:-:40954302-40954252	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_15211	LLHVANPSSTGAR	AGAP003647-PA	-	43	0.000387312	2	1322.722	3.69	Head	2R:-:40955100-40955062	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_15474	VQQVSLLHQTGPDFLK	AGAP003647-PA	-	102	3.95E-10	1	1809.994	4.55	Malpighian tubule	2R:-:40953241-40953194	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_22365	AGRLETVPTWQIDLSGAGK	AGAP003647-PA	-	40	0.000998135	3	1999.060	-0.33	Ovary	2R:-:40953058-40953002	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_26617	YLPSFTGFGNGQPMK	AGAP003647-PA	N10(Deamidated), M14(Oxidation),M14(Oxidation)	73	6.45E-07	2	1659.789	3.16	Salivary gland	2R:-:40953445-40953401	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_27230	LAFGPNDAALVDR	AGAP003647-PA	-	67	2.54E-06	2	1358.708	0.97	Ovary	2R:-:40954569-40954531	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_28815	FYPLPAQCVILGR	AGAP003647-PA	C8(Carbamidomethyl)	37	0.002202926	1	1533.834	5.93	Malpighian tubule	2R:-:40953376-40953338	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_30300	MVQEGEPILLQGAVDR	AGAP003647-PA	M1(Oxidation)	72	9.17E-07	1	1770.911	3.17	Ovary	2R:-:40954530-40954483	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_31202	YLPSFTGFGNGQPMK	AGAP003647-PA	Q12(Deamidated),M14(Oxidation),N10(Deamidated)	45	0.000353526	2	1659.783	-0.3	Midgut	2R:-:40953445-40953401	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_38037	TGDILWR	AGAP003647-PA	-	60	1.87E-05	2	860.463	0.7	Salivary gland	2R:-:40955157-40955137	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_38819	AGTAGLVCR	AGAP003647-PA	C8(Carbamidomethyl)	43	0.000873663	2	904.467	-0.4	Malpighian tubule	2R:-:40954329-40954303	exon=> In CDS Exon 2 of transcript AGAP003647-PA

JHU_Ag_41097	IVDGAFDTSSVDR	AGAP003647-PA	-	93	7.88E-09	2	1381.656	-2.56	Midgut	2R:-:40955244-40955206	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_43026	VLLSTEDGAIVLLQQGK	AGAP003647-PA	-	96	6.87E-10	2	1784.024	4.34	Malpighian tubule	2R:-:40954302-40954252	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_45440	AGTAGLVCR	AGAP003647-PA	C8(Carbamidomethyl)	57	3.69E-05	2	904.466	-0.94	Salivary gland	2R:-:40954329-40954303	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_45724	NLFLHILGVGPAPSK	AGAP003647-PA	-	35	0.000767314	3	1562.907	1.23	Pupa	2R:-:40953610-40953566	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_48047	VQQVSLLHQTGPDFLK	AGAP003647-PA	-	84	2.25E-08	2	1809.990	2.12	Head	2R:-:40953241-40953194	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_48148	GGNAGHDIITVSGSNPALVR	AGAP003647-PA	-	47	0.000230984	1	1935.005	0.1	Ovary	2R:-:40955052-40954993	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_48234	IVDGAFDTSSVDR	AGAP003647-PA	-	70	1.71E-06	2	1381.661	1.06	Malpighian tubule	2R:-:40955244-40955206	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_50591	NLFLHILGVGPAPSK	AGAP003647-PA	-	86	6.45E-09	1	1562.908	1.82	Salivary gland	2R:-:40953610-40953566	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_53994	GGNAGHDIITVSGSNPALVR	AGAP003647-PA	-	75	3.54E-07	1	1935.010	2.94	Malpighian tubule	2R:-:40955052-40954993	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_54688	GGNAGHDIITVSGSNPALVR	AGAP003647-PA	-	92	7.25E-09	1	1935.002	-1.09	Salivary gland	2R:-:40955052-40954993	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_55905	SPIEHVHSQGR	AGAP003647-PA	-	71	1.37E-06	1	1246.633	3.2	Salivary gland	2R:-:40952971-40952939	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_57072	MVQEGEPILLQGAVDR	AGAP003647-PA	M1(Oxidation)	87	2.67E-08	1	1770.914	5.03	Malpighian tubule	2R:-:40954530-40954483	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_57442	VFGIDNVSGK	AGAP003647-PA	-	51	0.000114899	2	1035.546	-0.54	Salivary gland	2R:-:40953490-40953461	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_57869	LETVPTWQIDLSGAGK	AGAP003647-PA	-	72	8.40E-07	1	1714.909	4.73	Salivary gland	2R:-:40953049-40953002	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_59036	LLHVANPSSTGAR	AGAP003647-PA	-	63	4.37E-06	1	1322.718	0.46	Salivary gland	2R:-:40955100-40955062	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_60923	VLLSTEDGAIVLLQQGK	AGAP003647-PA	-	93	1.35E-09	2	1784.029	7.14	Salivary gland	2R:-:40954302-40954252	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_62106	LETVPTWQIDLSGAGK	AGAP003647-PA	-	41	0.001059766	2	1714.905	2.24	Pupa	2R:-:40953049-40953002	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_62897	MVQEGEPILLQGAVDR	AGAP003647-PA	M1(Oxidation)	84	5.12E-08	1	1770.914	4.76	Midgut	2R:-:40954530-40954483	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_63518	LAFGPNDAALVDR	AGAP003647-PA	-	87	2.41E-08	2	1358.709	2.14	Salivary gland	2R:-:40954569-40954531	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_67010	QSYILPMAVAALK	AGAP003647-PA	-	29	0.009399355	1	1404.793	0.98	Midgut	2R:-:40952437-40952399	exon=> In CDS Exon 5 of transcript AGAP003647-PA
JHU_Ag_67499	LETVPTWQIDLSGAGK	AGAP003647-PA	-	91	1.04E-08	2	1714.902	0.68	Midgut	2R:-:40953049-40953002	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_69735	VQQVSLLHQTGPDFLK	AGAP003647-PA	-	113	2.67E-11	1	1809.993	3.81	Salivary gland	2R:-:40953241-40953194	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_71684	VQQVSLLHQTGPDFLK	AGAP003647-PA	-	50	6.43E-05	2	1809.989	1.99	Pupa	2R:-:40953241-40953194	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_72395	YINPNLVAVATHGPDNIHK	AGAP003647-PA	-	75	3.92E-07	1	2073.079	-4.06	Head	2R:-:40952908-40952852	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_75809	FYPLPAQCVILGR	AGAP003647-PA	C8(Carbamidomethyl)	41	0.000935875	2	1533.827	1.79	Ovary	2R:-:40953376-40953338	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_79914	LAFGPNDAALVDR	AGAP003647-PA	-	67	2.64E-06	2	1358.709	2.23	Malpighian tubule	2R:-:40954569-40954531	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_84661	IIVATESNVLAAISAK	AGAP003647-PA	-	92	1.34E-09	2	1599.936	2.75	Salivary gland	2R:-:40955205-40955158	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_91054	NLFLHILGVGPAPSK	AGAP003647-PA	-	65	7.53E-07	1	1562.906	0.26	Ovary	2R:-:40953610-40953566	exon=> In CDS Exon 3 of transcript AGAP003647-PA

JHU_Ag_95402	LAFGPNDAALVDR	AGAP003647-PA	-	69	1.42E-06	2	1358.707	0.16	Midgut	2R:-:40954569-40954531	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_98332	LAFGPNDAALVDR	AGAP003647-PA	-	48	0.000230596	2	1358.710	2.41	Head	2R:-:40954569-40954531	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_100799	GFLVQYR	AGAP003647-PA	-	35	0.002276 84	1	882.484	0.65	Malpighian tubule	2R:-:40953079-40953059	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_105336	MVQEGEPILLQGAVDR	AGAP003647-PA	M1(Oxidation)	72	7.95E-07	2	1770.911	3.17	Salivary gland	2R:-:40954530-40954483	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_105822	VQQVSLLHQTGPDFLK	AGAP003647-PA	-	116	1.52E-11	1	1809.989	1.58	Midgut	2R:-:40953241-40953194	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_107396	GGNAGHDIITVSGSNPALVR	AGAP003647-PA	-	57	2.13E-05	1	1935.003	-0.85	Male reproductive organs	2R:-:40955052-40954993	exon=> In CDS Exon 2 of transcript AGAP003647-PA
JHU_Ag_109100	VQQVSLLHQTGPDFLK	AGAP003647-PA	-	103	3.62E-10	1	1809.983	-1.52	Male reproductive organs	2R:-:40953241-40953194	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_110804	RITAQVLHVK	AGAP003647-PA	-	37	0.000257237	3	1164.725	3.64	Malpighian tubule	2R:-:40953640-40953611	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_111667	YINPNLVAVATHGPDNIHK	AGAP003647-PA	-	59	1.25E-05	1	2073.087	-0.3	Midgut	2R:-:40952908-40952852	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_112029	GFLVQYR	AGAP003647-PA	-	51	5.63E-05	2	882.484	1.34	Salivary gland	2R:-:40953079-40953059	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_115837	GFLVQYR	AGAP003647-PA	-	43	0.000347002	2	882.483	-0.53	Midgut	2R:-:40953079-40953059	exon=> In CDS Exon 3 of transcript AGAP003647-PA
JHU_Ag_7805	LTFASTLSHLR	AGAP003648-PA	-	51	7.07E-05	2	1245.699	2.8	Ovary	2R:-:40958395-40958363	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_16464	GPVQILVR	AGAP003648-PA	-	54	5.72E-06	2	881.558	1.72	Salivary gland	2R:-:40956616-40956593	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_23232	GPVQILVR	AGAP003648-PA	-	45	4.56E-05	2	881.557	-0.08	Ovary	2R:-:40956616-40956593	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_24133	TITLPETDDDLDGTTKR	AGAP003648-PA	-	59	2.49E-05	1	1890.938	4.62	Malpighian tubule	2R:-:40957201-40957151	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_56022	IVEDSPAIELTAEAQHSSGEIENPTR	AGAP003648-PA	-	40	0.001569797	1	2793.360	2.19	Ovary	2R:-:40959640-40959563	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_62068	IVEDSPAIELTAEAQHSSGEIENPTR	AGAP003648-PA	-	34	0.006184269	1	2793.368	5	Head	2R:-:40959640-40959563	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_67617	LTFASTLSHLR	AGAP003648-PA	-	57	2.26E-05	1	1245.695	0.16	Head	2R:-:40958395-40958363	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_67824	IVEDSPAIELTAEAQHSSGEIENPTR	AGAP003648-PA	-	64	5.51E-06	1	2793.367	4.81	Malpighian tubule	2R:-:40959640-40959563	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_83817	ICRPLLIVENGSLLLR	AGAP003648-PA	C2(Carbamidomethyl)	65	2.97E-07	1	1866.104	2.33	Ovary	2R:-:40957951-40957904	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_84450	AGVSQVLNRLTFASTLSHLR	AGAP003648-PA	-	74	9.38E-08	1	2170.224	6.83	Malpighian tubule	2R:-:40958422-40958363	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_84762	IGDQEEQFEKPNR	AGAP003648-PA	-	75	4.89E-07	1	1589.763	4.56	Malpighian tubule	2R:-:40957345-40957307	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_101170	NLTYSAPLYVDITK	AGAP003648-PA	-	42	0.000591305	2	1597.850	1.82	Ovary	2R:-:40959463-40959422	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_116290	TKLVEGQDPVETQHQK	AGAP003648-PA	-	47	0.000261433	1	1836.950	2.93	Malpighian tubule	2R:-:40959421-40959374	exon=> In CDS Exon 2 of transcript AGAP003648-PA
JHU_Ag_2461	ISADDSGSLGGHSNNSSIADNEDK	AGAP003649-PA	-	55	1.86E-05	1	2390.037	1.44	Head	2R:-:40973562-40973491	exon=> In CDS Exon 3 of transcript AGAP003649-PA
JHU_Ag_30477	KPFYALVESFK	AGAP003650-PA,AGAP012611-PA,AGAP012799-PA	-	61	9.17E-06	2	1328.729	3.27	Ovary	2R:+:41003145-41003177;UNKN:-:19943963-19943931;UNKN:+:29843841-29843873	exon=> In CDS Exon 5 of transcript AGAP003650-PA;exon=> In CDS Exon 4 of transcript AGAP012611-PA;exon=> In CDS Exon 3 of transcript AGAP012799-PA

JHU_Ag_80	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	113	8.76E-11	1	1982.957	0.11	Head	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_1714	ANKTDYGLAAAVFSK	AGAP003652-PA	-	56	2.49E-05	1	1555.816	2.76	Salivary gland	2R:+:41061700-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_2334	ANKTDYGLAAAVFSK	AGAP003652-PA	-	73	4.84E-07	1	1555.814	1.34	Malpighian tubule	2R:+:41061700-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_3998	FGPALATGNTIILKPAEQTSLTALYMAQLTK	AGAP003652-PA	M26(Oxidation)	202	1.19E-20	1	3262.780	1.46	Visceras	2R:+:41060977-41061069	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_4251	ILGLIDTGK	AGAP003652-PA	-	42	0.000587681	2	929.566	-0.88	Pupa	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_4560	ANKTDYGLAAAVFSK	AGAP003652-PA	-	53	4.51E-05	1	1555.814	1.66	Pupa	2R:+:41061700-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_5146	SPNIILSDADMK	AGAP003652-PA	M11(Oxidation)	73	8.20E-07	1	1303.657	0.84	Malpighian tubule	2R:+:41061256-41061291	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_5157	AGTVWVNTYNVLSAQAPFGGYK	AGAP003652-PA	-	89	1.62E-08	2	2343.174	-1.08	Male reproductive organs	2R:+:41061784-41061849	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_7451	VIAEIQQGTK	AGAP003652-PA	-	36	0.003349218	2	1086.619	2.92	Larva	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_7945	DIDKVNYLVQGLR	AGAP003652-PA	-	80	7.73E-08	1	1532.846	1.84	Salivary gland	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_8854	IQQGSGLSNLK	AGAP003652-PA	-	57	2.42E-05	1	1144.633	0.55	Salivary gland	2R:+:41061196-41061228	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_9434	SSPEILYTGIFINNEWHK	AGAP003652-PA	-	99	2.12E-09	1	2148.081	2.44	Salivary gland	2R:+:41060242-41060268,41060354-41060380	exon=> In CDS Exon 1 and 2 of transcript AGAP003652-PA
JHU_Ag_10096	SPNIILSDADMK	AGAP003652-PA	M11(Oxidation)	70	2.07E-06	1	1303.656	-0.1	Salivary gland	2R:+:41061256-41061291	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_10931	FKSLDEVIER	AGAP003652-PA	-	77	2.28E-07	1	1235.666	2.01	Malpighian tubule	2R:+:41061670-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_11650	VIAEIQQGTKADIDQAVVAAR	AGAP003652-PA	-	136	1.38E-13	1	2196.196	-1.27	Malpighian tubule	2R:+:41060429-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_12255	TDYGLAAAVFSK	AGAP003652-PA	-	61	8.54E-06	1	1242.638	1.47	Male reproductive organs	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_13004	SSPEILYTGIFINNEWHK	AGAP003652-PA	-	95	5.30E-09	1	2148.081	2.44	Malpighian tubule	2R:+:41060242-41060268,41060354-41060380	exon=> In CDS Exon 1 and 2 of transcript AGAP003652-PA
JHU_Ag_13067	ENGEYGLQAYTEVK	AGAP003652-PA	-	33	0.007619725	1	1600.749	0.13	Head	2R:+:41061868-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_13235	IYDEFVER	AGAP003652-PA	-	45	0.000263282	2	1070.517	1.56	Malpighian tubule	2R:+:41061379-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_13388	VIAEIQQGTK	AGAP003652-PA	-	73	6.85E-07	1	1086.614	-1.23	Salivary gland	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_13474	AQYDKILGLIDTGK	AGAP003652-PA	-	55	1.80E-05	2	1534.850	1.42	Malpighian tubule	2R:+:41061481-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_13548	IQQGSGLSNLKR	AGAP003652-PA	-	69	1.30E-06	2	1300.734	0.54	Malpighian tubule	2R:+:41061196-41061231	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_13654	IYDEFVER	AGAP003652-PA	-	53	5.04E-05	1	1070.517	1.34	Ovary	2R:+:41061379-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_15455	TDYGLAAAVFSK	AGAP003652-PA	-	92	6.60E-09	2	1242.637	-0.01	Midgut	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_16006	AGTVWVNTYNVLSAQAPFGGYK	AGAP003652-PA	-	102	7.93E-10	1	2343.177	-0.04	Midgut	2R:+:41061784-41061849	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_16278	ILGLIDTGK	AGAP003652-PA	-	55	2.88E-05	1	929.566	-0.6	Midgut	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_16665	YYAGWADKNHGK	AGAP003652-PA	-	44	0.000548124	2	1409.661	1.22	Pupa	2R:+:41060833-41060868	exon=> In CDS Exon 4 of transcript AGAP003652-PA

JHU_Ag_16984	SLDEVIER	AGAP003652-PA	-	52	0.000135243	2	960.499	-0.27	Midgut	2R:+:41061676-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_18782	TFPTVNPSNEK	AGAP003652-PA	-	51	0.000167869	1	1233.612	0.37	Salivary gland	2R:+:41060396-41060428	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_19551	DIDKVNYLVQGLR	AGAP003652-PA	-	80	6.47E-08	1	1532.853	6.45	Larva	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_24773	ADIDQAVVAAR	AGAP003652-PA	-	57	1.96E-05	1	1128.603	2.05	Head	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_24888	SLDEVIER	AGAP003652-PA	-	54	8.29E-05	1	960.501	1	Malpighian tubule	2R:+:41061676-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_25081	TDYGLAAAVFSK	AGAP003652-PA	-	79	1.11E-07	1	1242.639	1.76	Visceras	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_25664	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	111	1.35E-10	1	1982.961	1.9	Midgut	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_25970	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	105	5.32E-10	1	1982.956	-0.5	Pupa	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_26824	AGTVWVNTYNVLSAQAPFGGYK	AGAP003652-PA	-	54	4.85E-05	2	2343.178	0.38	Pupa	2R:+:41061784-41061849	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_28081	SSPEILYTGIFINNEWHK	AGAP003652-PA	-	91	1.08E-08	1	2148.077	0.4	Visceras	2R:+:41060242-41060268,41060354-41060380	exon=> In CDS Exon 1 and 2 of transcript AGAP003652-PA
JHU_Ag_28439	VNYLVQGLR	AGAP003652-PA	-	31	0.003630876	2	1061.618	7.39	Malpighian tubule	2R:+:41061757-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_28639	VIAEIQQGTK	AGAP003652-PA	-	62	8.47E-06	1	1086.616	0.97	Head	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_28901	FGPALATGNTIILKPAEQTSLTALYMAQLTK	AGAP003652-PA	M26(Oxidation)	236	4.56E-24	1	3262.782	1.8	Malpighian tubule	2R:+:41060977-41061069	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_31778	DIDKVNYLVQGLR	AGAP003652-PA	-	80	7.69E-08	1	1532.848	3.03	Malpighian tubule	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_34461	ILGLIDTGK	AGAP003652-PA	-	52	5.64E-05	2	929.565	-1.41	Ovary	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_35496	IQQGSGLSNLKR	AGAP003652-PA	-	71	8.70E-07	1	1300.733	0.07	Salivary gland	2R:+:41061196-41061231	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_36392	SVITRIPVK	AGAP003652-PA	-	58	2.57E-06	1	1012.652	0.26	Malpighian tubule	2R:+:41061910-41061936	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_36608	ENGEYGLQAYTEVK	AGAP003652-PA	N2(Deamidated)	89	1.93E-08	2	1600.748	-0.33	Midgut	2R:+:41061868-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_37330	RTVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	84	6.52E-08	1	2139.060	0.85	Midgut	2R:+:41061424-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_38508	RTVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	75	5.12E-07	1	2139.063	2.3	Ovary	2R:+:41061424-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_38578	RTVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	98	2.34E-09	1	2139.061	1.53	Head	2R:+:41061424-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_39105	TDYGLAAAVFSK	AGAP003652-PA	-	68	1.52E-06	2	1242.639	2.15	Malpighian tubule	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_41170	SLDEVIER	AGAP003652-PA	-	46	0.000467858	2	960.499	-1.04	Male reproductive organs	2R:+:41061676-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_43094	IYDEFVER	AGAP003652-PA	-	59	1.26E-05	2	1070.516	0.31	Head	2R:+:41061379-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_43797	TFPTVNPSNEKVIAEIQQGTK	AGAP003652-PA	-	36	0.002066747	1	2301.215	2.83	Malpighian tubule	2R:+:41060396-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_44119	AGTVWVNTYNVLSAQAPFGGYK	AGAP003652-PA	-	105	4.52E-10	2	2343.177	0.07	Salivary gland	2R:+:41061784-41061849	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_45282	VAFTGSTEVGKK	AGAP003652-PA	-	58	1.29E-05	1	1223.663	-0.07	Head	2R:+:41061160-41061195	exon=> In CDS Exon 4 of transcript AGAP003652-PA

JHU_Ag_45639	ENGEYGLQAYTEVK	AGAP003652-PA	-	79	1.90E-07	2	1600.748	-0.48	Malpighian tubule	2R:+:41061868-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_46804	TFIEDKIYDEFVER	AGAP003652-PA	-	93	8.78E-09	2	1803.879	-0.73	Midgut	2R:+:41061361-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_47835	SSPEILYTGIFINNEWHK	AGAP003652-PA	-	80	1.73E-07	1	2148.075	-0.51	Midgut	2R:+:41060242-41060268,41060354-41060380	exon=> In CDS Exon 1 and 2 of transcript AGAP003652-PA
JHU_Ag_47926	MSGHGRENGEYGLQAYTEVK	AGAP003652-PA	M1(Oxidation)	90	1.25E-08	1	2242.023	1.43	Malpighian tubule	2R:+:41061850-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_50027	TFPTVNPSNEK	AGAP003652-PA	-	59	2.53E-05	1	1233.611	0.17	Malpighian tubule	2R:+:41060396-41060428	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_50132	VNYLVQGLR	AGAP003652-PA	-	64	2.44E-06	2	1061.610	-0.43	Ovary	2R:+:41061757-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_50887	SPNIILSDADMK	AGAP003652-PA	M11(Oxidation)	101	1.25E-09	1	1319.652	0.89	Ovary	2R:+:41061256-41061291	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_51135	VIAEIQQGTK	AGAP003652-PA	-	73	7.05E-07	1	1086.615	-0.78	Ovary	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_52411	AGTVWVNTYNVLSAQAPFGGYK	AGAP003652-PA	-	115	3.94E-11	1	2343.184	3.09	Malpighian tubule	2R:+:41061784-41061849	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_52574	YYAGWADKNHGK	AGAP003652-PA	-	58	2.57E-05	2	1409.664	2.77	Head	2R:+:41060833-41060868	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_53255	FGPALATGNTIILKPAEQTSLTALYMAQLTK	AGAP003652-PA	M26(Oxidation)	117	4.40E-12	1	3278.783	3.72	Salivary gland	2R:+:41060977-41061069	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_55780	ENGEYGLQAYTEVK	AGAP003652-PA	N2(Deamidated)	38	0.002217886	2	1600.749	0.13	Pupa	2R:+:41061868-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_56114	IQQGSGLSNLKR	AGAP003652-PA	-	67	2.08E-06	1	1300.731	-1.81	Visceras	2R:+:41061196-41061231	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_57894	VIPMDGEFFVYTR	AGAP003652-PA	M4(Oxidation)	54	7.44E-05	1	1589.767	-0.01	Ovary	2R:+:41060869-41060907	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_57991	FGPALATGNTIILKPAEQTSLTALYMAQLTK	AGAP003652-PA	M26(Oxidation)	177	6.38E-18	1	3278.767	-1.2	Ovary	2R:+:41060977-41061069	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_58246	IYDEFVER	AGAP003652-PA	-	47	0.000210633	1	1070.515	-0.37	Salivary gland	2R:+:41061379-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_60045	TFIEDKIYDEFVER	AGAP003652-PA	-	59	2.31E-05	1	1803.882	1.19	Visceras	2R:+:41061361-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_60572	ADIDQAVVAAR	AGAP003652-PA	Q5(Deamidated)	97	1.83E-09	2	1128.602	0.69	Malpighian tubule	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_61255	DIDKVNYLVQGLR	AGAP003652-PA	-	82	5.36E-08	1	1532.850	4.22	Male reproductive organs	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_61677	SPNIILSDADMK	AGAP003652-PA	-	86	4.38E-08	1	1303.655	-1.03	Midgut	2R:+:41061256-41061291	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_62600	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	115	5.48E-11	1	1982.959	1.04	Ovary	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_63312	VIPMDGEFFVYTR	AGAP003652-PA	M4(Oxidation)	54	6.11E-05	2	1573.776	2.49	Malpighian tubule	2R:+:41060869-41060907	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_64077	VPDLPGYFIQPTVFADVQDDMTIAQEEIFGPVQQLIR	AGAP003652-PA	M21(Oxidation)	140	7.14E-14	1	4206.118	1.74	Ovary	2R:+:41061559-41061669	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_64312	TFIEDKIYDEFVER	AGAP003652-PA	-	83	8.24E-08	1	1803.880	0.17	Salivary gland	2R:+:41061361-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_64611	IQQGSGLSNLKR	AGAP003652-PA	-	66	2.30E-06	2	1300.734	0.73	Pupa	2R:+:41061196-41061231	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_65398	VIAEIQQGTK	AGAP003652-PA	-	58	2.11E-05	1	1086.615	-0.27	Midgut	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_66832	FGPALATGNTIILKPAEQTSLTALYMAQLTK	AGAP003652-PA	M26(Oxidation)	31	0.001720893	1	3278.791	6.28	Larva	2R:+:41060977-41061069	exon=> In CDS Exon 4 of transcript AGAP003652-PA

JHU_Ag_67130	DIDKVNYLVQGLR	AGAP003652-PA	-	94	3.39E-09	1	1532.846	1.84	Head	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_67293	TFPTVNPSNEK	AGAP003652-PA	-	50	0.00019198	1	1233.611	-0.42	Pupa	2R:+:41060396-41060428	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_67454	ENGEYGLQAYTEVK	AGAP003652-PA	N2(Deamidated)	75	4.48E-07	2	1600.750	0.89	Salivary gland	2R:+:41061868-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_67463	SLDEVIER	AGAP003652-PA	-	42	0.001383931	2	960.500	0.17	Visceras	2R:+:41061676-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_67838	IQQGSGLSNLK	AGAP003652-PA	-	64	5.15E-06	1	1144.633	0.76	Malpighian tubule	2R:+:41061196-41061228	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_67968	AGTVWVNTYNVLSAQAPFGGYK	AGAP003652-PA	-	111	9.46E-11	2	2343.183	2.67	Head	2R:+:41061784-41061849	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_68678	SPNIILSDADMK	AGAP003652-PA	M11(Oxidation)	73	8.79E-07	2	1303.658	1.21	Head	2R:+:41061256-41061291	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_68846	TDYGLAAAVFSK	AGAP003652-PA	-	82	6.29E-08	2	1242.638	0.88	Pupa	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_68961	TDYGLAAAVFSK	AGAP003652-PA	-	81	7.88E-08	1	1242.637	0.29	Salivary gland	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_71061	SSPEILYTGIFINNEWHK	AGAP003652-PA	-	95	5.19E-09	1	2148.082	2.78	Head	2R:+:41060242-41060268,41060354-41060380	exon=> In CDS Exon 1 and 2 of transcript AGAP003652-PA
JHU_Ag_72571	ENGEYGLQAYTEVK	AGAP003652-PA	-	70	1.26E-06	2	1600.750	0.43	Male reproductive organs	2R:+:41061868-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_72607	VNYLVQGLR	AGAP003652-PA	-	76	1.51E-07	2	1061.609	-1	Visceras	2R:+:41061757-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_73981	ADIDQAVVAAR	AGAP003652-PA	-	85	3.30E-08	1	1128.601	0.37	Salivary gland	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_75092	EAGFPPGVVNVVPGYGDAGAALVDHPDVDK	AGAP003652-PA	-	42	0.00082333	1	2962.460	0.6	Pupa	2R:+:41061070-41061159	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_76510	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	113	9.45E-11	1	1982.956	-0.56	Visceras	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_78099	ADIDQAVVAAR	AGAP003652-PA	-	63	5.41E-06	2	1128.600	-0.93	Midgut	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_78596	IQQGSGLSNLKR	AGAP003652-PA	-	57	2.12E-05	2	1300.735	1.29	Head	2R:+:41061196-41061231	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_78773	SLDEVIER	AGAP003652-PA	-	41	0.001586445	1	960.501	1.2	Head	2R:+:41061676-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_78959	EAGFPPGVVNVVPGYGDAGAALVDHPDVDK	AGAP003652-PA	-	137	2.79E-13	1	2962.460	0.6	Head	2R:+:41061070-41061159	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_79185	SLDEVIER	AGAP003652-PA	-	50	0.000187981	1	960.497	-2.37	Ovary	2R:+:41061676-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_79818	VAFTGSTEVGK	AGAP003652-PA	-	51	9.39E-05	2	1095.567	-0.96	Ovary	2R:+:41061160-41061192	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_81323	ADIDQAVVAAR	AGAP003652-PA	-	87	2.46E-08	2	1128.600	-1.04	Male reproductive organs	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_82283	VAFTGSTEVGK	AGAP003652-PA	-	62	7.80E-06	2	1095.568	-0.18	Pupa	2R:+:41061160-41061192	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_83648	SPNIILSDADMK	AGAP003652-PA	-	66	4.75E-06	2	1303.658	1.03	Visceras	2R:+:41061256-41061291	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_83836	ADIDQAVVAAR	AGAP003652-PA	-	77	1.90E-07	2	1128.601	-0.28	Ovary	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_83903	ILGLIDTGK	AGAP003652-PA	-	54	3.06E-05	2	929.567	0.63	Visceras	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_83912	LGSPWR	AGAP003652-PA	-	37	0.001224264	2	715.389	0.56	Malpighian tubule	2R:+:41060571-41060588	exon=> In CDS Exon 3 of transcript AGAP003652-PA

JHU_Ag_84602	ENGEYGLQAYTEVK	AGAP003652-PA	-	95	5.01E-09	2	1600.755	3.86	Ovary	2R:+:41061868-41061909	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_84638	EAGFPPGVVNVVPGYGDAGAALVDHPDVDK	AGAP003652-PA	-	62	8.23E-06	1	2962.459	0.35	Midgut	2R:+:41061070-41061159	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_85492	DIDKVNYLVQGLR	AGAP003652-PA	-	60	8.93E-06	1	1532.843	0.15	Ovary	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_86409	TDYGLAAAVFSK	AGAP003652-PA	-	79	1.10E-07	2	1242.638	1.56	Head	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_86882	ILGLIDTGK	AGAP003652-PA	-	55	3.11E-05	1	929.566	-0.42	Salivary gland	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_88023	IYDEFVER	AGAP003652-PA	-	53	4.96E-05	1	1070.515	-0.26	Pupa	2R:+:41061379-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_88702	VAFTGSTEVGKK	AGAP003652-PA	-	52	5.81E-05	1	1223.664	0.73	Pupa	2R:+:41061160-41061195	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_89847	ILGLIDTGK	AGAP003652-PA	-	46	0.000219858	1	929.566	-0.29	Malpighian tubule	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_90590	VNYLVQGLR	AGAP003652-PA	-	76	1.55E-07	2	1061.610	0.15	Salivary gland	2R:+:41061757-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_91316	IQQGSGLSNLK	AGAP003652-PA	-	60	1.40E-05	1	1144.632	-0.31	Head	2R:+:41061196-41061228	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_91394	VIAEIQQGTK	AGAP003652-PA	-	73	7.23E-07	1	1086.615	-0.67	Visceras	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_91624	IQQGSGLSNLKR	AGAP003652-PA	-	67	2.05E-06	1	1300.733	-0.21	Midgut	2R:+:41061196-41061231	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_91827	VIAEIQQGTK	AGAP003652-PA	-	71	1.12E-06	1	1086.615	-0.22	Malpighian tubule	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_92073	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	100	1.73E-09	1	1982.960	1.53	Malpighian tubule	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_92518	ADIDQAVVAAR	AGAP003652-PA	-	108	1.62E-10	2	1128.601	-0.28	Visceras	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_93245	EAGFPPGVVNVVPGYGDAGAALVDHPDVDK	AGAP003652-PA	-	77	2.52E-07	1	2962.459	0.1	Visceras	2R:+:41061070-41061159	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_93404	EAGFPPGVVNVVPGYGDAGAALVDHPDVDK	AGAP003652-PA	-	49	0.000169174	1	2962.466	2.45	Salivary gland	2R:+:41061070-41061159	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_93700	VAFTGSTEVGK	AGAP003652-PA	-	51	9.84E-05	2	1095.569	0.48	Malpighian tubule	2R:+:41061160-41061192	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_94557	ILGLIDTGK	AGAP003652-PA	-	50	9.34E-05	1	929.566	-0.22	Head	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_94696	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	94	7.04E-09	1	1982.954	-1.43	Male reproductive organs	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_95051	DIDKVNYLVQGLR	AGAP003652-PA	-	87	1.85E-08	1	1532.843	-0.16	Midgut	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_95413	IQQGSGLSNLKR	AGAP003652-PA	-	66	1.91E-06	1	1300.743	7.77	Male reproductive organs	2R:+:41061196-41061231	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_97588	RTTLELGGK	AGAP003652-PA	-	35	0.003607358	1	974.559	-4.51	Head	2R:+:41061229-41061255	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_97887	ILGLIDTGK	AGAP003652-PA	-	51	6.65E-05	1	929.564	-2.38	Male reproductive organs	2R:+:41061496-41061522	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_98231	IYDEFVER	AGAP003652-PA	-	42	0.000605023	2	1070.516	0.2	Visceras	2R:+:41061379-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_98625	SSPEILYTGIFINNEWHK	AGAP003652-PA	-	80	1.57E-07	1	2148.079	1.42	Pupa	2R:+:41060242-41060268,41060354-41060380	exon=> In CDS Exon 1 and 2 of transcript AGAP003652-PA
JHU_Ag_98711	AGTVWVNTYNVLSAQAPFGGYK	AGAP003652-PA	-	128	1.98E-12	1	2343.181	1.84	Visceras	2R:+:41061784-41061849	exon=> In CDS Exon 4 of transcript AGAP003652-PA

JHU_Ag_99462	DIDKVNYLVQGLR	AGAP003652-PA	-	74	3.06E-07	1	1532.845	1.2	Pupa	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_101706	ADIDQAVVAAR	AGAP003652-PA	-	85	3.30E-08	1	1128.600	-0.72	Pupa	2R:+:41060459-41060491	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_102693	VNYLVQGLR	AGAP003652-PA	-	29	0.006815802	2	1061.612	1.18	Head	2R:+:41061757-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_102724	FGPALATGNTIILKPAEQTSLTALYMAQLTK	AGAP003652-PA	M26(Oxidation)	197	3.78E-20	1	3262.780	1.46	Head	2R:+:41060977-41061069	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_104681	TFIEDKIYDEFVER	AGAP003652-PA	-	105	5.07E-10	1	1803.884	2.18	Malpighian tubule	2R:+:41061361-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_105580	VIAEIQQGTK	AGAP003652-PA	-	58	2.10E-05	1	1086.616	0.34	Pupa	2R:+:41060429-41060458	exon=> In CDS Exon 2 of transcript AGAP003652-PA
JHU_Ag_106326	TVGNPFDLTTEHGPQVDR	AGAP003652-PA	-	94	7.38E-09	1	1982.956	-0.32	Salivary gland	2R:+:41061427-41061480	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_107083	YYAGWADKNHGK	AGAP003652-PA	-	67	3.13E-06	1	1409.661	0.78	Malpighian tubule	2R:+:41060833-41060868	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_107111	TFIEDKIYDEFVER	AGAP003652-PA	-	49	0.000224485	1	1803.876	-2.36	Male reproductive organs	2R:+:41061361-41061402	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_109501	IQQGSGLSNLK	AGAP003652-PA	-	59	1.89E-05	2	1144.632	-0.31	Ovary	2R:+:41061196-41061228	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_109742	SLDEVIER	AGAP003652-PA	-	50	0.000225126	2	960.502	2.14	Salivary gland	2R:+:41061676-41061699	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_110180	IQQGSGLSNLK	AGAP003652-PA	-	45	0.00035508	1	1144.641	7.37	Male reproductive organs	2R:+:41061196-41061228	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_110691	TDYGLAAAVFSK	AGAP003652-PA	-	83	5.16E-08	1	1242.637	0.68	Ovary	2R:+:41061709-41061744	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_112233	LGSPWR	AGAP003652-PA	-	31	0.003402184	1	715.388	-1.31	Visceras	2R:+:41060571-41060588	exon=> In CDS Exon 3 of transcript AGAP003652-PA
JHU_Ag_114211	FGPALATGNTIILKPAEQTSLTALYMAQLTK	AGAP003652-PA	M26(Oxidation)	175	7.12E-18	1	3262.780	1.46	Midgut	2R:+:41060977-41061069	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_115482	YYAGWADKNHGK	AGAP003652-PA	-	56	3.90E-05	1	1409.658	-1.21	Midgut	2R:+:41060833-41060868	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_116656	DIDKVNYLVQGLR	AGAP003652-PA	-	101	6.88E-10	1	1532.845	1.28	Visceras	2R:+:41061745-41061783	exon=> In CDS Exon 4 of transcript AGAP003652-PA
JHU_Ag_16901	YYAGWADK	AGAP003652-PA,AGAP009591-PA,AGAP003578-PA	-	35	0.00193804	2	973.441	0.02	Pupa	2R:+:41060833-41060856;3R:-:36721805-36721782;2R:-:40155591-40155568	exon=> In CDS Exon 4 of transcript AGAP003652-PA;exon=> In CDS Exon 1 of transcript AGAP009591-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_62691	YYAGWADK	AGAP003652-PA,AGAP009591-PA,AGAP003578-PA	-	31	0.003778121	1	973.441	-0.09	Head	2R:+:41060833-41060856;3R:-:36721805-36721782;2R:-:40155591-40155568	exon=> In CDS Exon 4 of transcript AGAP003652-PA;exon=> In CDS Exon 1 of transcript AGAP009591-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA

JHU_Ag_42698	FHYHQRPPTACGVNEATCMNGNCILK	AGAP003656-PB	C11(Carbamidomethyl), C18(Carbamidomethyl), M19(Oxidation), N20(Deamidated), C23(Carbamidomethyl),"C 11(Carbamidomethyl), C18(Carbamidomethyl), M19(Oxidation), N22(Deamidated), C23(Carbamidomethyl)"	69	9.49E-07	1	3092.359	-0.15	Midgut	2R:+:41194825-41194825,41195275-41195351	exon=> In CDS Exon 25 and 26 of transcript AGAP003656-PB
JHU_Ag_54704	FHYHQRPPTACGVNEATCMNGNCILK	AGAP003656-PB	C11(Carbamidomethyl), C18(Carbamidomethyl), M19(Oxidation), C23(Carbamidomethyl)	85	3.37E-08	1	3091.382	2.25	Head	2R:+:41194825-41194825,41195275-41195351	exon=> In CDS Exon 25 and 26 of transcript AGAP003656-PB
JHU_Ag_69495	FHYHQRPPTACGVNEATCMNGNCILK	AGAP003656-PB	C11(Carbamidomethyl), C18(Carbamidomethyl), M19(Oxidation), N20(Deamidated), C23(Carbamidomethyl),"C 11(Carbamidomethyl), C18(Carbamidomethyl), M19(Oxidation), N22(Deamidated), C23(Carbamidomethyl)"	100	1.01E-09	1	3092.371	3.64	Larva	2R:+:41194825-41194825,41195275-41195351	exon=> In CDS Exon 25 and 26 of transcript AGAP003656-PB
JHU_Ag_560	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	159	1.40E-15	1	2211.004	2.42	Larva	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_5820	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	86	3.76E-08	1	1309.603	1.06	Malpighian tubule	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_6011	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	68	1.94E-06	1	2211.005	3.19	Salivary gland	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_6986	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	43	0.000513717	1	877.489	0.01	Male reproductive organs	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_7492	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	N4(Deamidated)	107	2.65E-10	2	1282.631	-0.33	Midgut	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_8079	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	95	3.74E-09	1	2045.936	-1.11	Head	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_8602	SDGTPLPYNIHQEGNR	AGAP003656-PB,AGAP003656-PA	-	85	4.22E-08	1	1797.855	1.89	Visceras	2R:+:41209900-41209932,41210022-41210036;2R:+:41209900-41209932,41210022-41210036	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA

JHU_Ag_9681	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	78	1.94E-07	2	1611.739	4.31	Head	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_10051	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	73	6.23E-07	1	1611.732	0.22	Male reproductive organs	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_10169	SFDNVYSK	AGAP003656-PB,AGAP003656-PA	-	44	0.000190178	2	959.447	-0.15	Malpighian tubule	2R:+:41210529-41210552;2R:+:41210529-41210552	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_11019	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	71	1.18E-06	2	1309.601	-1.08	Salivary gland	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_11292	ERNQFHLQVDSLTVHGETRPTGK	AGAP003656-PB,AGAP003656-PA	-	78	1.75E-07	1	2649.353	1.57	Malpighian tubule	2R:+:41212558-41212626;2R:+:41212558-41212626	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_14725	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	63	5.80E-06	1	1479.676	0.33	Head	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_15694	EDDSGTYTCVCFTEDGLR	AGAP003656-PB,AGAP003656-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	41	0.000178325	2	2124.856	3.62	Pupa	2R:+:41210058-41210111;2R:+:41210058-41210111	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_16179	VYAGGYDK	AGAP003656-PB,AGAP003656-PA	-	32	0.003701619	2	872.415	0.1	Midgut	2R:+:41211780-41211803;2R:+:41211780-41211803	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_16426	FYGLNLDDHLFVGGVPQFDQVPASAVEYK	AGAP003656-PB,AGAP003656-PA	-	111	9.95E-11	1	3225.604	4.63	Larva	2R:+:41210826-41210912;2R:+:41210826-41210912	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_16648	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	87	2.11E-08	1	1479.673	-1.73	Male reproductive organs	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_17074	MDGQESYVR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	59	7.75E-06	2	1084.473	0.33	Malpighian tubule	2R:+:41212477-41212503;2R:+:41212477-41212503	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_18952	LLLSQEIGVRR	AGAP003656-PB,AGAP003656-PA	-	28	0.003689266	1	1283.785	4.18	Malpighian tubule	2R:+:41211807-41211839;2R:+:41211807-41211839	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_19514	LNMIDDIR	AGAP003656-PB,AGAP003656-PA	-	47	0.000376681	2	989.509	0.65	Malpighian tubule	2R:+:41211982-41212005;2R:+:41211982-41212005	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA

JHU_Ag_19620	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	41	0.000779334	1	877.489	-0.2	Pupa	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_19870	NSDVYVVDNERHVALVR	AGAP003656-PB,AGAP003656-PA	-	76	3.63E-07	1	1985.024	1.85	Malpighian tubule	2R:+:41212504-41212554;2R:+:41212504-41212554	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_20045	NGYPQFR	AGAP003656-PB,AGAP003656-PA	N1(Deamidated)	47	0.000163865	2	882.411	0.12	Midgut	2R:+:41210655-41210675;2R:+:41210655-41210675	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_20810	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	N1(Deamidated),N2(Deamidated)	113	7.92E-11	1	2061.007	1.43	Head	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_21232	YVSDFQLEVEENTISDVLPR	AGAP003656-PB,AGAP003656-PA	N12(Deamidated)	105	4.99E-10	2	2353.159	1.31	Midgut	2R:+:41210112-41210171;2R:+:41210112-41210171	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_21377	ERNQFHLQVDSLTVHGETRPTGK	AGAP003656-PB,AGAP003656-PA	-	56	3.14E-05	1	2649.347	-0.75	Midgut	2R:+:41212558-41212626;2R:+:41212558-41212626	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_21777	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	57	3.03E-05	2	1309.602	-0.06	Male reproductive organs	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_21784	SDGTPLPYNIHQEGNR	AGAP003656-PB,AGAP003656-PA	-	47	0.000251776	1	1797.852	0.26	Male reproductive organs	2R:+:41209900-41209932,41210022-41210036;2R:+:41209900-41209932,41210022-41210036	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA
JHU_Ag_21820	FNFDGQQVVLQPEKPVHMGQWHTVK	AGAP003656-PB,AGAP003656-PA	M18(Oxidation)	106	3.24E-10	1	2965.488	3.31	Larva	2R:+:41210676-41210750;2R:+:41210676-41210750	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_22047	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	74	5.35E-07	2	1611.739	4.38	Salivary gland	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_22273	SDGTPLPYNIHQEGNR	AGAP003656-PB,AGAP003656-PA	-	65	4.12E-06	1	1797.863	6.44	Malpighian tubule	2R:+:41209900-41209932,41210022-41210036;2R:+:41209900-41209932,41210022-41210036	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA
JHU_Ag_23145	LNMIDDIR	AGAP003656-PB,AGAP003656-PA	-	60	1.85E-05	2	989.509	0.83	Visceras	2R:+:41211982-41212005;2R:+:41211982-41212005	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_23185	CETQYTDIVASR	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	66	3.04E-06	2	1442.665	4.87	Larva	2R:+:41212234-41212269;2R:+:41212234-41212269	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA

JHU_Ag_25386	RGFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	96	3.79E-09	1	1767.839	3.28	Malpighian tubule	2R:+:41211837-41211863,41211961-41211981;2R:+:41211837-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_26489	HVALVR	AGAP003656-PB,AGAP003656-PA	-	26	0.002477422	1	694.433	-4.29	Head	2R:+:41212537-41212554;2R:+:41212537-41212554	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_26701	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	38	0.001846842	1	877.490	1.54	Malpighian tubule	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_27056	CQYTEHYTDATLAFK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	87	2.21E-08	1	1847.833	3.28	Ovary	2R:+:41211225-41211269;2R:+:41211225-41211269	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_27729	SMVRPGESLVVDCSSSAGTGVPIKWEK	AGAP003656-PB,AGAP003656-PA	C13(Carbamidomethyl),"M2(Oxidation),C13(Carbamidomethyl)"	70	1.54E-06	1	2892.421	-0.58	Midgut	2R:+:41209819-41209899;2R:+:41209819-41209899	exon=> In CDS Exon 43 of transcript AGAP003656-PB;exon=> In CDS Exon 44 of transcript AGAP003656-PA
JHU_Ag_27956	DGYTGTNCQHEGDGCSDDTCGVGR	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl),C15(Carbamidomethyl),C20(Carbamidomethyl)	82	3.46E-09	1	2617.968	3.99	Malpighian tubule	2R:+:41211093-41211164;2R:+:41211093-41211164	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_28032	CETQYTDIVASR	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl),Q4(Deamidated)"	71	8.91E-07	1	1442.663	3.43	Ovary	2R:+:41212234-41212269;2R:+:41212234-41212269	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_29286	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	92	6.80E-09	1	2210.998	-0.12	Visceras	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_29633	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	60	1.49E-05	2	2045.938	-0.21	Male reproductive organs	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_29766	FYGLNLDDHLFVGGVPQFDQVPASAVEYK	AGAP003656-PB,AGAP003656-PA	-	76	2.63E-07	1	3225.608	5.88	Head	2R:+:41210826-41210912;2R:+:41210826-41210912	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_29797	RLLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	50	2.53E-05	1	1283.781	1.34	Malpighian tubule	2R:+:41211804-41211836;2R:+:41211804-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_29959	FNESFNGCVFSVENNEGK	AGAP003656-PB,AGAP003656-PA	N6(Deamidated),C8(Carbamidomethyl),C8(Carbamidomethyl)	130	5.93E-13	2	2077.892	0.03	Midgut	2R:+:41212792-41212845;2R:+:41212792-41212845	exon=> In CDS Exon 48 of transcript AGAP003656-PB;exon=> In CDS Exon 49 of transcript AGAP003656-PA
JHU_Ag_30862	HVALVR	AGAP003656-PB,AGAP003656-PA	-	29	0.000697209	1	694.436	-0.42	Midgut	2R:+:41212537-41212554;2R:+:41212537-41212554	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_30922	DGYTGTNCQHEGDGCSDDTCGVGR	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl),C15(Carbamidomethyl),C20(Carbamidomethyl)	92	3.33E-10	1	2617.969	4.48	Larva	2R:+:41211093-41211164;2R:+:41211093-41211164	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_31353	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	78	7.60E-08	2	1127.681	2.64	Pupa	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA

JHU_Ag_31762	RGFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	95	4.54E-09	1	1767.837	2.11	Midgut	2R:+:41211837-41211863,41211961-41211981;2R:+:41211837-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_31968	MDGQESYVR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	71	3.45E-07	2	1100.468	0.18	Midgut	2R:+:41212477-41212503;2R:+:41212477-41212503	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_32635	CQYTEHYTDATLAFK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	88	2.11E-08	2	1847.834	3.72	Midgut	2R:+:41211225-41211269;2R:+:41211225-41211269	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_33087	RPNQDYISLSLR	AGAP003656-PB,AGAP003656-PA	-	74	5.07E-07	1	1461.783	1.44	Head	2R:+:41210619-41210654;2R:+:41210619-41210654	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_33157	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	N4(Deamidated)	100	1.40E-09	2	1282.630	-0.9	Male reproductive organs	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_34501	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	68	2.20E-06	2	1309.609	5.16	Ovary	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_36176	SDGTPLPYNIHQEGNR	AGAP003656-PB,AGAP003656-PA	-	41	0.001075 18	2	1797.860	4.54	Ovary	2R:+:41209900-41209932,41210022-41210036;2R:+:41209900-41209932,41210022-41210036	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA
JHU_Ag_36457	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	44	0.000510 661	2	1024.492	3.56	Larva	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_37891	QTMEIPGSFYVGGVPDVER	AGAP003656-PB,AGAP003656-PA	M3(Oxidation)	75	4.90E-07	1	2097.004	3.87	Malpighian tubule	2R:+:41212627-41212660,41212754-41212776;2R:+:41212627-41212660,41212754-41212776	exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PB;exon=> In CDS Exon 48 and 49 of transcript AGAP003656-PA
JHU_Ag_37990	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	73	6.98E-07	1	1795.913	2.5	Visceras	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_38026	SDGTPLPYNIHQEGNRLYIQNAR	AGAP003656-PB,AGAP003656-PA	-	51	0.000116 234	1	2656.342	7.24	Malpighian tubule	2R:+:41209900-41209932,41210022-41210057;2R:+:41209900-41209932,41210022-41210057	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA
JHU_Ag_38322	CETQYTDIVASR	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	94	4.00E-09	2	1442.660	1.4	Visceras	2R:+:41212234-41212269;2R:+:41212234-41212269	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA

JHU_Ag_40916	QTMEIPGSFYVGGVPDVER	AGAP003656-PB,AGAP003656-PA	M3(Oxidation)	78	2.61E-07	1	2081.003	1.22	Head	2R:+:41212627-41212660,41212754-41212776;2R:+:41212627-41212660,41212754-41212776	exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PB;exon=> In CDS Exon 48 and 49 of transcript AGAP003656-PA
JHU_Ag_40982	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	78	2.41E-07	2	2045.950	5.39	Ovary	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_42166	MKPLIVR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	32	0.003128066	1	872.543	4.69	Ovary	2R:+:41211615-41211635;2R:+:41211615-41211635	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_42832	NNGFLLVDDQTPVNFPDRLK	AGAP003656-PB,AGAP003656-PA	-	76	2.83E-07	1	2302.198	6.49	Malpighian tubule	2R:+:41210766-41210825;2R:+:41210766-41210825	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_42841	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	48	0.000198608	2	1479.673	-1.15	Salivary gland	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_43368	IDGELPNDR	AGAP003656-PB,AGAP003656-PA	-	54	3.76E-05	1	1028.500	-0.58	Midgut	2R:+:41210265-41210291;2R:+:41210265-41210291	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_43474	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	90	1.28E-08	1	1479.680	3.47	Ovary	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_44267	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	61	8.15E-06	2	1024.489	0.7	Pupa	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_45253	RPNQDYISLSLR	AGAP003656-PB,AGAP003656-PA	-	76	2.57E-07	1	1461.787	4.28	Larva	2R:+:41210619-41210654;2R:+:41210619-41210654	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_45286	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	109	1.50E-10	1	1795.908	-0.29	Midgut	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_45694	ERNQFHLQVDSLTVHGETRPTGK	AGAP003656-PB,AGAP003656-PA	-	65	3.53E-06	1	2649.359	3.68	Ovary	2R:+:41212558-41212626;2R:+:41212558-41212626	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_46377	FYGLNLDDHLFVGGVPQFDQVPASAVEYK	AGAP003656-PB,AGAP003656-PA	-	61	9.17E-06	1	3225.600	3.27	Visceras	2R:+:41210826-41210912;2R:+:41210826-41210912	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_46523	RLLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	34	0.001123415	1	1283.787	5.71	Ovary	2R:+:41211804-41211836;2R:+:41211804-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_47359	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	43	0.000521666	2	1024.489	0.7	Male reproductive organs	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA

JHU_Ag_47701	RGFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	72	9.81E-07	2	1767.834	0.31	Head	2R:+:41211837-41211863,41211961-41211981;2R:+:41211837-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_47964	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	109	1.52E-10	2	1611.734	1.13	Midgut	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_48347	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	109	1.43E-10	1	1795.917	4.67	Larva	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_48475	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	-	107	3.27E-10	1	2061.007	1.55	Ovary	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_48623	FNFDGQQVVLQPEKPVHMGQWHTVK	AGAP003656-PB,AGAP003656-PA	M18(Oxidation)	91	9.02E-09	1	2965.479	0.53	Midgut	2R:+:41210676-41210750;2R:+:41210676-41210750	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_48637	AILLRDFTIR	AGAP003656-PB,AGAP003656-PA	-	37	0.00036247	2	1217.743	5.49	Malpighian tubule	2R:+:41212846-41212875;2R:+:41212846-41212875	exon=> In CDS Exon 48 of transcript AGAP003656-PB;exon=> In CDS Exon 49 of transcript AGAP003656-PA
JHU_Ag_49111	SDGTPLPYNIHQEGNR	AGAP003656-PB,AGAP003656-PA	-	66	3.18E-06	2	1797.857	2.97	Head	2R:+:41209900-41209932,41210022-41210036;2R:+:41209900-41209932,41210022-41210036	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA
JHU_Ag_49141	DGSYAAYDK	AGAP003656-PB,AGAP003656-PA	-	28	0.00354342	2	989.422	0.41	Head	2R:+:41211270-41211292,41211370-41211373;2R:+:41211270-41211292,41211370-41211373	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_49214	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	63	6.10E-06	2	2045.942	1.7	Visceras	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_49614	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	98	1.94E-09	1	2045.943	1.93	Malpighian tubule	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_49657	CETQYTDIVASR	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	61	7.31E-06	2	1442.658	0.04	Head	2R:+:41212234-41212269;2R:+:41212234-41212269	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_50057	FNESFNGCVFSVENNEGK	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl)	85	1.45E-08	2	2077.889	-1.62	Visceras	2R:+:41212792-41212845;2R:+:41212792-41212845	exon=> In CDS Exon 48 of transcript AGAP003656-PB;exon=> In CDS Exon 49 of transcript AGAP003656-PA
JHU_Ag_50202	AGIGYLQVDDEAVNNEMSNRNTPILLK	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	127	2.20E-12	1	2990.501	3.98	Malpighian tubule	2R:+:41211693-41211773;2R:+:41211693-41211773	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA

JHU_Ag_50247	RLLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	30	0.002357 98	2	1283.780	0.76	Head	2R:+:41211804-41211836;2R:+:41211804-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_51297	HGGQSANVVITLVVNNVIPFFPQSPR	AGAP003656-PB,AGAP003656-PA	-	32	0.002803 87	3	2790.513	2.72	Midgut	2R:+:41210433-41210510;2R:+:41210433-41210510	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_51454	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	42	0.000615 786	1	877.490	1.4	Salivary gland	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_51746	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	N4(Deamidated)	85	5.18E-08	2	1281.648	0.15	Salivary gland	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_52960	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	75	3.30E-07	1	1479.669	-4.45	Pupa	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_53480	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	106	3.18E-10	1	2045.940	0.68	Midgut	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_54223	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	102	7.92E-10	2	2211.006	3.42	Malpighian tubule	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_54513	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	78	2.23E-07	1	1611.739	4.38	Ovary	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_56353	GFEGCIAELETSGNKLNMIDDIR	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl), M18(Oxidation)	50	0.000144 579	1	2598.230	4.77	Larva	2R:+:41211840-41211863,41211961-41212005;2R:+:41211840-41211863,41211961-41212005	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_58176	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	N4(Deamidated)	62	8.15E-06	2	1282.633	1.28	Ovary	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_58269	RPNQDYISLSLR	AGAP003656-PB,AGAP003656-PA	-	56	2.57E-05	2	1461.784	2.02	Ovary	2R:+:41210619-41210654;2R:+:41210619-41210654	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_58418	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	86	3.02E-08	1	1479.669	-3.79	Visceras	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_58885	LNMIDDIR	AGAP003656-PB,AGAP003656-PA	M3(Oxidation)	55	6.17E-05	2	989.508	-0.52	Midgut	2R:+:41211982-41212005;2R:+:41211982-41212005	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA

JHU_Ag_58904	NNGFLLVDDQTPVNFPDRLK	AGAP003656-PB,AGAP003656-PA	-	57	2.25E-05	1	2302.185	1	Visceras	2R:+:41210766-41210825;2R:+:41210766-41210825	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_58960	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	78	7.87E-08	2	1127.684	4.81	Salivary gland	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_59341	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	56	2.11E-05	1	877.491	2.65	Head	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_59572	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	68	1.87E-06	2	1795.917	4.53	Salivary gland	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_59869	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	87	2.48E-08	1	1479.677	1.32	Larva	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_60664	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	N1(Deamidated),N2(Deamidated)	135	5.04E-13	1	2061.007	1.79	Malpighian tubule	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_60825	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	49	0.000123716	2	1024.489	1.3	Malpighian tubule	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_61901	QTMEIPGSFYVGGVPDVER	AGAP003656-PB,AGAP003656-PA	M3(Oxidation)	46	0.000336368	1	2096.999	1.54	Visceras	2R:+:41212627-41212660,41212754-41212776;2R:+:41212627-41212660,41212754-41212776	exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PB;exon=> In CDS Exon 48 and 49 of transcript AGAP003656-PA
JHU_Ag_62629	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	43	0.000605806	2	1024.491	2.37	Head	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_62968	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	67	1.17E-06	2	1127.679	1.02	Visceras	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_63772	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	114	4.87E-11	1	1611.740	5.07	Larva	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_63968	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	49	0.000159617	2	1024.488	0.35	Visceras	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_63975	NQFHLQVDSLTVHGETRPTGK	AGAP003656-PB,AGAP003656-PA	-	80	1.18E-07	1	2364.210	1.79	Head	2R:+:41212564-41212626;2R:+:41212564-41212626	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_64695	SYMEFK	AGAP003656-PB,AGAP003656-PA	M3(Oxidation)	33	0.002977694	1	820.359	5.36	Ovary	2R:+:41210511-41210528;2R:+:41210511-41210528	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA

JHU_Ag_64697	DGSYAAYDKFQSK	AGAP003656-PB,AGAP003656-PA	-	111	9.75E-11	1	1479.674	-0.99	Midgut	2R:+:41211270-41211292,41211370-41211385;2R:+:41211270-41211292,41211370-41211385	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_64771	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	94	5.13E-09	1	1795.910	0.66	Pupa	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_64833	VYAGGYDKR	AGAP003656-PB,AGAP003656-PA	-	58	1.56E-05	2	1028.515	-0.56	Midgut	2R:+:41211780-41211806;2R:+:41211780-41211806	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_65256	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	N1(Deamidated),N2(Deamidated)	81	1.49E-07	1	2061.987	-0.53	Pupa	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_67200	CETQYTDIVASR	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	88	1.62E-08	2	1442.658	-0.13	Midgut	2R:+:41212234-41212269;2R:+:41212234-41212269	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_67906	EDDSGTYTCVCFTEDGLR	AGAP003656-PB,AGAP003656-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	102	1.48E-10	2	2124.853	1.9	Midgut	2R:+:41210058-41210111;2R:+:41210058-41210111	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_67941	CEETDTGPECYCPVHK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	86	3.53E-09	1	1981.781	4.2	Malpighian tubule	2R:+:41211165-41211212;2R:+:41211165-41211212	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_68426	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	101	8.96E-10	1	2194.996	-3.55	Head	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_68773	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	38	0.001405445	1	877.493	4.12	Ovary	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_69953	MNGLILYASQR	AGAP003656-PB,AGAP003656-PA	-	50	0.000120909	2	1265.672	3.5	Malpighian tubule	2R:+:41210586-41210618;2R:+:41210586-41210618	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_70053	NQFHLQVDSLTVHGETRPTGK	AGAP003656-PB,AGAP003656-PA	-	92	8.39E-09	1	2364.205	-0.45	Midgut	2R:+:41212564-41212626;2R:+:41212564-41212626	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_71015	DGYTGTNCQHEGDGCSDDTCGVGR	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl), C15(Carbamidomethyl), C20(Carbamidomethyl),"N7(Deamidated), C8(Carbamidomethyl), C15(Carbamidomethyl), C20(Carbamidomethyl)","C8(Carbamidomethyl), Q9(Deamidated), C15(Carbamidomethyl), C20(Carbamidomethyl)"	122	3.70E-13	1	2617.960	0.98	Head	2R:+:41211093-41211164;2R:+:41211093-41211164	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_71749	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	79	1.81E-07	2	2045.941	1.1	Pupa	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA

JHU_Ag_72080	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	-	52	9.84E-05	2	2061.006	1.31	Male reproductive organs	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_73596	FNESFNGCVFSVENNEGK	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl)	93	2.79E-09	1	2077.894	0.97	Ovary	2R:+:41212792-41212845;2R:+:41212792-41212845	exon=> In CDS Exon 48 of transcript AGAP003656-PB;exon=> In CDS Exon 49 of transcript AGAP003656-PA
JHU_Ag_73741	EDDSGTYTCVCFTEDGLR	AGAP003656-PB,AGAP003656-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	58	3.49E-06	2	2124.850	0.86	Salivary gland	2R:+:41210058-41210111;2R:+:41210058-41210111	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_73811	DGSYAAYDK	AGAP003656-PB,AGAP003656-PA	-	61	1.34E-06	1	989.421	-0.44	Midgut	2R:+:41211270-41211292,41211370-41211373;2R:+:41211270-41211292,41211370-41211373	exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PB;exon=> In CDS Exon 45 and 46 of transcript AGAP003656-PA
JHU_Ag_73930	MNGLILYASQR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	82	9.49E-08	2	1265.667	-0.45	Head	2R:+:41210586-41210618;2R:+:41210586-41210618	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_75078	RGFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	52	0.000111809	2	1767.844	6.25	Larva	2R:+:41211837-41211863,41211961-41211981;2R:+:41211837-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_75473	EDDSGTYTCVCFTEDGLR	AGAP003656-PB,AGAP003656-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	70	1.86E-07	2	2124.844	-2.24	Ovary	2R:+:41210058-41210111;2R:+:41210058-41210111	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_75644	CEETDTGPECYCPVHK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	88	2.14E-09	1	1981.779	3.18	Midgut	2R:+:41211165-41211212;2R:+:41211165-41211212	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_75690	NQFHLQVDSLTVHGETRPTGK	AGAP003656-PB,AGAP003656-PA	-	45	0.000384661	1	2364.211	2.12	Ovary	2R:+:41212564-41212626;2R:+:41212564-41212626	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_76520	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	81	4.63E-08	2	1127.678	0.05	Midgut	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_76561	SMVRPGESLVVDCSSSAGTGVPIK	AGAP003656-PB,AGAP003656-PA	M2(Oxidation), C13(Carbamidomethyl)	99	1.91E-09	1	2449.212	2.47	Head	2R:+:41209819-41209890;2R:+:41209819-41209890	exon=> In CDS Exon 43 of transcript AGAP003656-PB;exon=> In CDS Exon 44 of transcript AGAP003656-PA
JHU_Ag_76588	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	44	0.000404319	1	877.489	0.15	Visceras	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_76820	MEFAER	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	37	0.000735294	2	798.345	-0.05	Midgut	2R:+:41210184-41210201;2R:+:41210184-41210201	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_77471	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	59	1.44E-05	2	1611.734	1.13	Visceras	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA

JHU_Ag_79754	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	N4(Deamidated)	80	1.33E-07	1	1282.638	4.9	Larva	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_81112	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	58	9.71E-06	2	1127.678	-0.5	Male reproductive organs	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_81134	MKPLIVR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	33	0.002794318	1	872.542	3.3	Larva	2R:+:41211615-41211635;2R:+:41211615-41211635	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_81763	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	107	2.51E-10	1	1795.918	5.01	Malpighian tubule	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_82161	NNGFLLVDDQTPVNFPDRLK	AGAP003656-PB,AGAP003656-PA	-	61	8.52E-06	1	2302.184	0.44	Ovary	2R:+:41210766-41210825;2R:+:41210766-41210825	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_82616	NTPILLK	AGAP003656-PB,AGAP003656-PA	-	28	0.003867432	1	798.508	-0.2	Midgut	2R:+:41211753-41211773;2R:+:41211753-41211773	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_83337	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	56	3.10E-05	2	1024.488	-0.01	Ovary	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_83623	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	N1(Deamidated),N2(Deamidated)	93	9.74E-09	1	2062.003	7.64	Larva	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_83839	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	90	1.33E-08	1	1795.916	4.33	Ovary	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_84252	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	68	1.60E-06	2	2210.997	-0.78	Male reproductive organs	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_85372	MNGLILYASQR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	70	1.69E-06	2	1281.662	-0.29	Visceras	2R:+:41210586-41210618;2R:+:41210586-41210618	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_85442	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	-	113	7.82E-11	1	2061.002	-0.58	Visceras	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_85488	TKAGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M19(Oxidation)	86	4.56E-08	1	2440.152	4.61	Malpighian tubule	2R:+:41211687-41211752;2R:+:41211687-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_85763	DGYTGTNCQHEGDGCSDDTCGVGR	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl),C15(Carbamidomethyl),C20(Carbamidomethyl)	126	1.48E-13	1	2617.968	4.06	Midgut	2R:+:41211093-41211164;2R:+:41211093-41211164	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_86375	CETQYTDIVASR	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	81	7.95E-08	1	1442.661	1.74	Malpighian tubule	2R:+:41212234-41212269;2R:+:41212234-41212269	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_86818	CQYTEHYTDATLAFK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	42	0.000787713	1	1847.833	3.18	Larva	2R:+:41211225-41211269;2R:+:41211225-41211269	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_87314	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	82	1.02E-07	2	1309.601	-0.52	Midgut	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_87397	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	55	1.22E-05	1	1127.686	6.97	Larva	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA

JHU_Ag_87400	LYIQNAR	AGAP003656-PB,AGAP003656-PA	-	43	0.000539168	1	877.489	-0.13	Midgut	2R:+:41210037-41210057;2R:+:41210037-41210057	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_87623	LQCNTDLYPTTYQWSR	AGAP003656-PB,AGAP003656-PA	C3(Carbamidomethyl)	75	4.34E-07	1	2045.942	1.64	Salivary gland	2R:+:41210217-41210264;2R:+:41210217-41210264	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_87898	CQYTEHYTDATLAFK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl)	104	4.63E-10	1	1847.835	4.18	Head	2R:+:41211225-41211269;2R:+:41211225-41211269	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_88807	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	72	9.66E-07	1	1309.600	-1.27	Head	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_89393	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	146	2.93E-14	1	2195.004	0.34	Midgut	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_89978	LNMIDDIR	AGAP003656-PB,AGAP003656-PA	-	52	0.000108824	2	989.510	1.94	Salivary gland	2R:+:41211982-41212005;2R:+:41211982-41212005	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_90066	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	84	5.40E-08	1	1795.911	1.07	Head	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_90557	RPNQDYISLSLR	AGAP003656-PB,AGAP003656-PA	-	77	2.59E-07	1	1461.780	-0.56	Midgut	2R:+:41210619-41210654;2R:+:41210619-41210654	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_90558	EDDSGTYTCVCFTEDGLR	AGAP003656-PB,AGAP003656-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	80	2.09E-08	2	2124.851	1.09	Head	2R:+:41210058-41210111;2R:+:41210058-41210111	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_90838	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	63	7.13E-06	2	1309.601	-0.99	Viscera	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_91566	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	64	4.88E-06	2	1024.488	-0.13	Midgut	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_92241	MNGLILYASQR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	69	1.94E-06	2	1281.662	0	Ovary	2R:+:41210586-41210618;2R:+:41210586-41210618	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_92794	GFEGCIAELETSGNKLNMIDDIR	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl), M18(Oxidation)	88	2.09E-08	1	2598.217	-0.24	Midgut	2R:+:41211840-41211863,41211961-41212005;2R:+:41211840-41211863,41211961-41212005	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_93709	MNGLILYASQR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation), N2(Deamidated),M1(Oxidation),N2(Deamidated)	88	2.01E-08	2	1265.667	0.03	Midgut	2R:+:41210586-41210618;2R:+:41210586-41210618	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_96074	SDGTPLPYNIHQEGNR	AGAP003656-PB,AGAP003656-PA	-	103	6.70E-10	1	1797.849	-1.44	Midgut	2R:+:41209900-41209932,41210022-41210036;2R:+:41209900-41209932,41210022-41210036	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA

JHU_Ag_96335	SFDNVYSK	AGAP003656-PB,AGAP003656-PA	-	44	0.000217851	2	959.446	-0.47	Midgut	2R:+:41210529-41210552;2R:+:41210529-41210552	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_98117	DGYTGTNCQHEGDGCSDDTCGVGR	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl), C15(Carbamidomethyl), C20(Carbamidomethyl)	42	3.31E-05	1	2617.961	1.4	Visceras	2R:+:41211093-41211164;2R:+:41211093-41211164	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_99824	EGFVGCISR	AGAP003656-PB,AGAP003656-PA	C6(Carbamidomethyl)	43	0.000544601	2	1024.489	0.47	Salivary gland	2R:+:41210913-41210939;2R:+:41210913-41210939	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_100135	CEETDTGPECYCPVHK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	97	3.01E-10	1	1981.773	0.13	Head	2R:+:41211165-41211212;2R:+:41211165-41211212	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_100571	RPNQDYISLSLR	AGAP003656-PB,AGAP003656-PA	-	77	2.08E-07	1	1461.787	4.03	Malpighian tubule	2R:+:41210619-41210654;2R:+:41210619-41210654	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_100687	FYGLNLDDHLFVGGVPQFDQVPASAVEYK	AGAP003656-PB,AGAP003656-PA	-	139	1.47E-13	1	3225.610	6.34	Ovary	2R:+:41210826-41210912;2R:+:41210826-41210912	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_101373	FYFEVSFKPEK	AGAP003656-PB,AGAP003656-PA	-	78	2.62E-07	1	1420.715	-0.18	Midgut	2R:+:41210553-41210585;2R:+:41210553-41210585	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_101495	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	65	1.94E-06	2	1127.679	0.69	Ovary	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_101870	RPNQDYISLSLR	AGAP003656-PB,AGAP003656-PA	-	52	7.67E-05	2	1461.785	2.78	Pupa	2R:+:41210619-41210654;2R:+:41210619-41210654	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_102419	YVSDFQLEVEENTISDVLPR	AGAP003656-PB,AGAP003656-PA	-	47	0.000258356	2	2353.171	6.29	Malpighian tubule	2R:+:41210112-41210171;2R:+:41210112-41210171	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_102655	IDGELPNDR	AGAP003656-PB,AGAP003656-PA	-	35	0.003271987	2	1028.501	0.6	Malpighian tubule	2R:+:41210265-41210291;2R:+:41210265-41210291	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_103712	NQFHLQVDSLTVHGETRPTGK	AGAP003656-PB,AGAP003656-PA	-	96	2.95E-09	1	2364.205	-0.37	Malpighian tubule	2R:+:41212564-41212626;2R:+:41212564-41212626	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_103811	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	-	80	1.61E-07	2	1281.647	-0.61	Head	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_103816	SMVRPGESLVVDCSSSAGTGVPIKWEK	AGAP003656-PB,AGAP003656-PA	M2(Oxidation), C13(Carbamidomethyl)	56	3.45E-05	1	2892.439	5.62	Malpighian tubule	2R:+:41209819-41209899;2R:+:41209819-41209899	exon=> In CDS Exon 43 of transcript AGAP003656-PB;exon=> In CDS Exon 44 of transcript AGAP003656-PA
JHU_Ag_104074	SMVRPGESLVVDCSSSAGTGVPIK	AGAP003656-PB,AGAP003656-PA	M2(Oxidation), C13(Carbamidomethyl)	92	9.01E-09	1	2449.214	3.22	Midgut	2R:+:41209819-41209890;2R:+:41209819-41209890	exon=> In CDS Exon 43 of transcript AGAP003656-PB;exon=> In CDS Exon 44 of transcript AGAP003656-PA
JHU_Ag_104181	SDGTPLPYNIHQEGNR	AGAP003656-PB,AGAP003656-PA	-	52	9.46E-05	2	1797.855	1.89	Pupa	2R:+:41209900-41209932,41210022-41210036;2R:+:41209900-41209932,41210022-41210036	exon=> In CDS Exon 43 and 44 of transcript AGAP003656-PB;exon=> In CDS Exon 44 and 45 of transcript AGAP003656-PA

JHU_Ag_104210	VYAGGYDKR	AGAP003656-PB,AGAP003656-PA	-	41	0.000661331	1	1028.520	3.95	Larva	2R:+:41211780-41211806;2R:+:41211780-41211806	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_104811	LNMIDDIR	AGAP003656-PB,AGAP003656-PA	M3(Oxidation)	51	0.00015216	2	1005.507	3.45	Larva	2R:+:41211982-41212005;2R:+:41211982-41212005	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_105430	EDDSGTYTCVCFTEDGLR	AGAP003656-PB,AGAP003656-PA	C9(Carbamidomethyl), C11(Carbamidomethyl)	108	3.77E-11	2	2124.848	-0.4	Visceras	2R:+:41210058-41210111;2R:+:41210058-41210111	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_105675	VRNNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	N4(Deamidated),N3(Deamidated)	65	3.66E-06	1	2316.170	-1.36	Midgut	2R:+:41210760-41210819;2R:+:41210760-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_107114	QTMEIPGSFYVGGVPDVER	AGAP003656-PB,AGAP003656-PA	M3(Oxidation)	120	1.49E-11	1	2096.996	0.26	Midgut	2R:+:41212627-41212660,41212754-41212776;2R:+:41212627-41212660,41212754-41212776	exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PB;exon=> In CDS Exon 48 and 49 of transcript AGAP003656-PA
JHU_Ag_108276	FYGLNLDDHLFVGGVPQFDQVPASAVEYK	AGAP003656-PB,AGAP003656-PA	-	127	2.40E-12	1	3225.588	-0.36	Salivary gland	2R:+:41210826-41210912;2R:+:41210826-41210912	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_108469	FYGLNLDDHLFVGGVPQFDQVPASAVEYK	AGAP003656-PB,AGAP003656-PA	-	124	4.32E-12	1	3225.593	1.12	Midgut	2R:+:41210826-41210912;2R:+:41210826-41210912	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_109467	LNMIDDIR	AGAP003656-PB,AGAP003656-PA	-	36	0.004418523	2	989.508	-0.03	Head	2R:+:41211982-41212005;2R:+:41211982-41212005	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_109633	VYAGGYDKR	AGAP003656-PB,AGAP003656-PA	-	42	0.000559922	2	1028.516	-0.32	Pupa	2R:+:41211780-41211806;2R:+:41211780-41211806	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_110901	DGYTGTNCQHEGDGCSDDTCGVGR	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl), C15(Carbamidomethyl), C20(Carbamidomethyl)	42	5.28E-05	1	2617.991	13.01	Ovary	2R:+:41211093-41211164;2R:+:41211093-41211164	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_111074	STVPIEAGQWHTVSAGR	AGAP003656-PB,AGAP003656-PA	-	68	1.97E-06	2	1795.910	0.66	Male reproductive organs	2R:+:41211636-41211686;2R:+:41211636-41211686	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_111279	NSDVYVVDNER	AGAP003656-PB,AGAP003656-PA	-	56	4.06E-05	2	1309.602	0.41	Pupa	2R:+:41212504-41212536;2R:+:41212504-41212536	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_111737	FNESFNGCVFSVENNEGK	AGAP003656-PB,AGAP003656-PA	C8(Carbamidomethyl)	119	7.03E-12	1	2077.897	2.14	Head	2R:+:41212792-41212845;2R:+:41212792-41212845	exon=> In CDS Exon 48 of transcript AGAP003656-PB;exon=> In CDS Exon 49 of transcript AGAP003656-PA
JHU_Ag_112104	SFDNVYSK	AGAP003656-PB,AGAP003656-PA	-	50	6.56E-05	1	959.451	4.68	Ovary	2R:+:41210529-41210552;2R:+:41210529-41210552	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_112181	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	79	5.66E-08	2	1127.684	5.02	Malpighian tubule	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_112957	MKPLIVR	AGAP003656-PB,AGAP003656-PA	M1(Oxidation)	33	0.002496873	2	872.539	-0.06	Midgut	2R:+:41211615-41211635;2R:+:41211615-41211635	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_113107	FYFEVSFKPEK	AGAP003656-PB,AGAP003656-PA	-	75	5.65E-07	1	1420.719	2.88	Ovary	2R:+:41210553-41210585;2R:+:41210553-41210585	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA

JHU_Ag_113647	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	N4(Deamidated)	95	5.48E-09	2	1281.651	3.01	Malpighian tubule	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_113944	NNGFLLVDDQTPVNFPDR	AGAP003656-PB,AGAP003656-PA	N1(Deamidated),N2(Deamidated)	126	3.72E-12	1	2061.005	0.6	Midgut	2R:+:41210766-41210819;2R:+:41210766-41210819	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_114489	LLLSQEIGVR	AGAP003656-PB,AGAP003656-PA	-	46	0.000144665	2	1127.679	0.37	Head	2R:+:41211807-41211836;2R:+:41211807-41211836	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_116471	GFEGCIAELETSGNK	AGAP003656-PB,AGAP003656-PA	C5(Carbamidomethyl)	109	1.66E-10	1	1611.734	1.2	Malpighian tubule	2R:+:41211840-41211863,41211961-41211981;2R:+:41211840-41211863,41211961-41211981	exon=> In CDS Exon 46 and 47 of transcript AGAP003656-PB;exon=> In CDS Exon 47 and 48 of transcript AGAP003656-PA
JHU_Ag_116594	FSGNGFIEVSPK	AGAP003656-PB,AGAP003656-PA	-	80	1.66E-07	2	1281.652	3.77	Visceras	2R:+:41212270-41212305;2R:+:41212270-41212305	exon=> In CDS Exon 47 of transcript AGAP003656-PB;exon=> In CDS Exon 48 of transcript AGAP003656-PA
JHU_Ag_117143	AGIGYLQVDDEAVNNEMSNR	AGAP003656-PB,AGAP003656-PA	M17(Oxidation)	107	2.24E-10	2	2211.001	1.21	Ovary	2R:+:41211693-41211752;2R:+:41211693-41211752	exon=> In CDS Exon 46 of transcript AGAP003656-PB;exon=> In CDS Exon 47 of transcript AGAP003656-PA
JHU_Ag_117202	CEETDTGPECYCPVHK	AGAP003656-PB,AGAP003656-PA	C1(Carbamidomethyl),C10(Carbamidomethyl),C12(Carbamidomethyl)	26	0.003567533	3	1981.783	5.21	Larva	2R:+:41211165-41211212;2R:+:41211165-41211212	exon=> In CDS Exon 44 of transcript AGAP003656-PB;exon=> In CDS Exon 45 of transcript AGAP003656-PA
JHU_Ag_333	VVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	63	5.41E-06	2	943.560	3.2	Malpighian tubule	2R:+:41194801-41194824;2R:+:41194801-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_372	EELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	105	3.96E-10	2	2177.107	4.67	Malpighian tubule	2R:+:41198591-41198647;2R:+:41198591-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_473	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl),C14(Carbamidomethyl)	99	3.07E-10	1	1891.762	1.61	Malpighian tubule	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_556	VDQPLPYHAVTERGLLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	36	0.001002881	1	1964.080	4.18	Malpighian tubule	2R:+:41201066-41201116;2R:+:41201066-41201116;2R:+:41201066-41201116	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_577	DGGLYVCK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl)	55	2.48E-05	1	911.430	1.11	Midgut	2R:+:41200785-41200808;2R:+:41200785-41200808;2R:+:41200785-41200808	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_607	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl),C7(Carbamidomethyl)	113	1.17E-11	1	1565.637	0.91	Midgut	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_1031	IDCVDGSDEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	44	0.000208357	2	1137.478	4.87	Midgut	2R:+:41191598-41191627;2R:+:41191598-41191627;2R:+:41191598-41191627	exon=> In CDS Exon 20 of transcript AGAP003656-PB;exon=> In CDS Exon 20 of transcript AGAP003656-PC;exon=> In CDS Exon 20 of transcript AGAP003656-PA
JHU_Ag_1084	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	47	5.99E-05	2	869.524	4.21	Ovary	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_1256	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	1.77E-06	1	1307.783	-0.09	Salivary gland	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_1546	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	103	7.32E-10	1	1353.669	-4.74	Head	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA
JHU_Ag_1587	LPDSAYTDGGTLVITNIQIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	55	2.96E-05	2	2119.121	-3.45	Salivary gland	2R:+:41200725-41200784;2R:+:41200725-41200784;2R:+:41200725-41200784	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_1604	SGFSLISDYTNPSIVANALPVSNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	169	1.44E-16	1	2522.297	3.28	Ovary	2R:+:41197430-41197501;2R:+:41197430-41197501;2R:+:41197430-41197501	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_1619	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	95	5.37E-09	2	1578.788	0.64	Head	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_1680	AYTVVEIDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	59	2.02E-05	2	1065.558	0	Midgut	2R:+:41201858-41201882,41202089-41202090;2R:+:41201858-41201882,41202089-41202090;2R:+:41201858-41201882,41202089-41202090	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA

JHU_Ag_1893	ECQPGYYGDPNRDIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl)	42	0.000260974	1	3107.304	-2.49	Visceras	2R:+:41196986-41197066;2R:+:41196986-41197066;2R:+:41196986-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_1969	AYTVVEIDRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	45	0.000375529	2	1221.658	-0.84	Salivary gland	2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA
JHU_Ag_2164	FSSIAPEDAGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	54	7.36E-05	2	1149.554	0.72	Visceras	2R:+:41203239-41203271;2R:+:41203239-41203271;2R:+:41203239-41203271	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_2547	KDNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	36	0.001913624	1	2059.101	1.67	Larva	2R:+:41203185-41203238;2R:+:41203185-41203238;2R:+:41203185-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_2708	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	99	8.38E-10	1	1871.023	3.93	Ovary	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_2776	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	114	7.26E-11	1	1578.786	-0.75	Malpighian tubule	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_2828	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	49	0.000147305	2	1014.512	0.52	Midgut	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_2906	NHVSVSLLPGNWVRPDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated),N11(Deamidated)	82	6.56E-08	1	1946.047	5.63	Ovary	2R:+:41196656-41196706;2R:+:41196656-41196706;2R:+:41196656-41196706	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_3093	DGGLYVCK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl)	55	2.47E-05	2	911.429	-0.58	Salivary gland	2R:+:41200785-41200808;2R:+:41200785-41200808;2R:+:41200785-41200808	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA

JHU_Ag_3329	CYCKPGIEGTYCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), C12(Carbamidomethyl)	81	1.95E-08	1	1778.728	-0.63	Visceras	2R:+:41197259-41197300;2R:+:41197259-41197300;2R:+:41197259-41197300	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_3408	EDIMMALASIESILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M4(Oxidation), M5(Oxidation)	112	8.16E-11	1	1836.950	2.91	Salivary gland	2R:+:41196722-41196769;2R:+:41196722-41196769;2R:+:41196722-41196769	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_3482	EELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	152	7.22E-15	1	2177.112	6.8	Ovary	2R:+:41198591-41198647;2R:+:41198591-41198647;2R:+:41198591-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_4280	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	52	3.41E-05	1	1156.650	2.12	Pupa	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_4505	ADNAAGSAILSTTIEVLQPPIIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	70	2.92E-07	1	2350.298	0.1	Midgut	2R:+:41202387-41202455;2R:+:41202387-41202455;2R:+:41202387-41202455	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_4592	NHVSVSLLPGNWVRPDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated)	75	2.91E-07	1	1946.042	3.18	Malpighian tubule	2R:+:41196656-41196706;2R:+:41196656-41196706;2R:+:41196656-41196706	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_4965	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	133	8.38E-13	1	1816.917	4.89	Ovary	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_5091	SCYLDSRDNVVCQCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	52	1.97E-05	1	2046.838	-2.18	Ovary	2R:+:41197079-41197126;2R:+:41197079-41197126;2R:+:41197079-41197126	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_5222	DSPYATGAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	7.11E-06	2	937.440	3.26	Malpighian tubule	2R:+:41198078-41198104;2R:+:41198078-41198104;2R:+:41198078-41198104	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_5366	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	78	3.70E-08	1	1891.758	-0.13	Salivary gland	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_5659	FTNDAEGVITLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	100	1.75E-09	2	1335.690	-0.29	Salivary gland	2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347	exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PB;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PC;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PA
JHU_Ag_5894	NIELVNVMMDSAAHDDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M8(Oxidation), M9(Oxidation)	79	1.24E-07	2	1961.865	-2.09	Visceras	2R:+:41196797-41196847;2R:+:41196797-41196847;2R:+:41196797-41196847	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_5932	RVPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	50	0.000159171	2	1543.780	0.44	Salivary gland	2R:+:41196387-41196422;2R:+:41196387-41196422;2R:+:41196387-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_5940	ASAGVPYPSITWVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	1.46E-05	1	1503.799	2.49	Visceras	2R:+:41202172-41202213;2R:+:41202172-41202213;2R:+:41202172-41202213	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_6010	NCAICYGDAFHCK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C12(Carbamidomethyl)	84	7.99E-09	1	1615.649	2.33	Ovary	2R:+:41188681-41188712,41189040-41189046;2R:+:41188681-41188712,41189040-41189046;2R:+:41188681-41188712,41189040-41189046	exon=> In CDS Exon 13 and 14 of transcript AGAP003656-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP003656-PC;exon=> In CDS Exon 13 and 14 of transcript AGAP003656-PA
JHU_Ag_6196	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	38	0.000602259	2	869.520	-0.14	Male reproductive organs	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_6210	FSSIAPEDAGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	56	4.65E-05	1	1149.559	4.33	Ovary	2R:+:41203239-41203271;2R:+:41203239-41203271;2R:+:41203239-41203271	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_6213	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	48	9.22E-05	2	1144.666	1	Male reproductive organs	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_6487	CMECEDGYVGNPLGEGCFPRPVTNCNALGTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl), M2(Oxidation), C4(Carbamidomethyl), C17(Carbamidomethyl), C25(Carbamidomethyl)	71	3.05E-07	1	3675.548	2.47	Midgut	2R:+:41197145-41197240;2R:+:41197145-41197240;2R:+:41197145-41197240	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_6583	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	76	1.71E-07	2	1128.669	-0.46	Head	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_6697	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	98	2.80E-09	1	1276.629	-1.78	Head	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_6709	MQYVDGIER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M1(Oxidation)	65	4.06E-06	2	1110.522	-2.9	Midgut	2R:+:41196770-41196796;2R:+:41196770-41196796;2R:+:41196770-41196796	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_6779	SFQCDTHPDCQDK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	36	0.000286018	1	1637.634	1.08	Midgut	2R:+:41195601-41195639;2R:+:41195601-41195639;2R:+:41195601-41195639	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_6948	VVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	65	4.49E-06	2	943.559	2.1	Larva	2R:+:41194801-41194824;2R:+:41194801-41194824;2R:+:41194801-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_6962	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	59	9.95E-06	1	1156.647	0.01	Midgut	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_7004	TGQCIDELRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	47	0.000358591	3	1247.615	-0.64	Midgut	2R:+:41191556-41191585;2R:+:41191556-41191585;2R:+:41191556-41191585	exon=> In CDS Exon 20 of transcript AGAP003656-PB;exon=> In CDS Exon 20 of transcript AGAP003656-PC;exon=> In CDS Exon 20 of transcript AGAP003656-PA
JHU_Ag_7749	GDMLTVLSNLEHILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	138	9.96E-14	1	1824.004	-0.7	Midgut	2R:+:41199038-41199085;2R:+:41199038-41199085;2R:+:41199038-41199085	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_7952	ECQPGYYGDPNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	47	8.03E-05	1	1455.596	0.3	Head	2R:+:41196986-41197021;2R:+:41196986-41197021;2R:+:41196986-41197021	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_7965	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	93	9.21E-09	2	1276.632	0.32	Ovary	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_8448	RVPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	37	0.002684527	1	1543.780	0.84	Visceras	2R:+:41196387-41196422;2R:+:41196387-41196422;2R:+:41196387-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_8532	DNVVCQCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	38	0.000620955	1	1165.477	4.03	Salivary gland	2R:+:41197100-41197126;2R:+:41197100-41197126;2R:+:41197100-41197126	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_9031	NFAINPSINEISYTFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	103	8.50E-10	1	1885.945	0.08	Salivary gland	2R:+:41198672-41198719;2R:+:41198672-41198719;2R:+:41198672-41198719	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_9424	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	65	2.67E-06	1	1156.649	1.39	Visceras	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_9973	NFGASDDTFYWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	109	8.26E-11	1	1478.634	0.1	Malpighian tubule	2R:+:41197517-41197552;2R:+:41197517-41197552;2R:+:41197517-41197552	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_10153	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	47	0.000189901	2	1467.661	0.06	Male reproductive organs	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_10318	VPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	64	6.11E-06	1	1387.685	4.66	Ovary	2R:+:41196390-41196422;2R:+:41196390-41196422;2R:+:41196390-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_10374	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	47	0.000375986	2	1030.568	-0.13	Male reproductive organs	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_10813	SDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	49	0.000156641	1	1416.759	-0.36	Visceras	2R:+:41202912-41202950;2R:+:41202912-41202950;2R:+:41202912-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_10908	RGDVGPHDDDDRPPSYYPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	101	8.96E-10	1	2311.046	-1.17	Visceras	2R:+:41202723-41202782;2R:+:41202723-41202782;2R:+:41202723-41202782	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_10955	FSSIAPEDAGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	48	0.000248156	2	1149.553	-0.13	Malpighian tubule	2R:+:41203239-41203271;2R:+:41203239-41203271;2R:+:41203239-41203271	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_11004	GTSCEQCEDLHYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	66	7.71E-07	1	1654.664	3.33	Larva	2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_11015	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	92	1.51E-09	1	1891.760	0.58	Head	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_11030	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	87	2.86E-08	2	1276.632	0.42	Salivary gland	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_12032	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	49	0.000206187	2	1524.781	0.48	Pupa	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_12725	MQYVDGIER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M1(Oxidation)	62	8.37E-06	2	1110.525	-0.26	Malpighian tubule	2R:+:41196770-41196796;2R:+:41196770-41196796;2R:+:41196770-41196796	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_12963	NFGASDDTFYWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	95	1.95E-09	1	1478.635	0.67	Ovary	2R:+:41197517-41197552;2R:+:41197517-41197552;2R:+:41197517-41197552	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_13213	LPPTRPPGPSSQPIAYTYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	44	0.000325904	1	2070.105	1.26	Head	2R:+:41202783-41202839;2R:+:41202783-41202839;2R:+:41202783-41202839	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_13321	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	64	4.83E-06	2	1030.571	2.83	Ovary	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_14296	SQICDGRQDCADNSDENGCSHK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C10(Carbamidomethyl), N13(Deamidated), C19(Carbamidomethyl),"C4(Carbamidomethyl), C10(Carbamidomethyl), N17(Deamidated), C19(Carbamidomethyl)"	25	0.003091643	1	2553.977	5.77	Larva	2R:+:41195352-41195417;2R:+:41195352-41195417;2R:+:41195352-41195417	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_14508	HDEFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	40	0.000212204	2	991.405	-0.31	Midgut	2R:+:41195559-41195579;2R:+:41195559-41195579;2R:+:41195559-41195579	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_14843	DEGPMHAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M5(Oxidation)	32	0.001915625	1	900.389	1.1	Malpighian tubule	2R:+:41194537-41194560;2R:+:41194537-41194560;2R:+:41194537-41194560	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_14869	YTPHSSGGISR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	37	0.002846176	1	1161.562	-2.66	Head	2R:+:41197693-41197725;2R:+:41197693-41197725;2R:+:41197693-41197725	exon=> In CDS Exon 30 of transcript AGAP003656-PB;exon=> In CDS Exon 31 of transcript AGAP003656-PC;exon=> In CDS Exon 31 of transcript AGAP003656-PA
JHU_Ag_14989	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	100	1.07E-09	1	1451.667	0.68	Head	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_15124	MQYVDGIER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M1(Oxidation)	65	2.93E-06	1	1126.520	0.57	Salivary gland	2R:+:41196770-41196796;2R:+:41196770-41196796;2R:+:41196770-41196796	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_15172	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	65	7.37E-07	1	1891.761	1.22	Ovary	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_15173	DTIHASFADGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	8.31E-06	1	1189.561	1.18	Salivary gland	2R:+:41197397-41197429;2R:+:41197397-41197429;2R:+:41197397-41197429	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_15295	VVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	54	5.45E-05	1	943.559	2.42	Head	2R:+:41194801-41194824;2R:+:41194801-41194824;2R:+:41194801-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_15449	SCYLDSR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	40	0.000299441	1	900.388	-0.37	Midgut	2R:+:41197079-41197099;2R:+:41197079-41197099;2R:+:41197079-41197099	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_15991	FSSIAPEDAGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	49	0.000225042	2	1149.555	1.14	Salivary gland	2R:+:41203239-41203271;2R:+:41203239-41203271;2R:+:41203239-41203271	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_15998	IDHNGEYICEAVGYPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N4(Deamidated),C9(Carbamidomethyl),C9(Carbamidomethyl)	116	2.47E-11	1	1864.853	-0.29	Malpighian tubule	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_16024	EGYSGDNCDNQLDTRPTVPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C8(Carbamidomethyl)	128	1.69E-12	1	2391.071	3.25	Malpighian tubule	2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512	exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PB;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PC;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PA
JHU_Ag_16145	TGQCIDELR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	42	0.000790464	2	1091.513	-1.99	Malpighian tubule	2R:+:41191556-41191582;2R:+:41191556-41191582;2R:+:41191556-41191582	exon=> In CDS Exon 20 of transcript AGAP003656-PB;exon=> In CDS Exon 20 of transcript AGAP003656-PC;exon=> In CDS Exon 20 of transcript AGAP003656-PA
JHU_Ag_16396	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl),C7(Carbamidomethyl)	88	3.67E-09	1	1565.636	-0.02	Male reproductive organs	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_16626	NGFCINK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated),C4(Carbamidomethyl)	40	0.000841569	2	853.387	-0.84	Midgut	2R:+:41189482-41189502;2R:+:41189482-41189502;2R:+:41189482-41189502	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA
JHU_Ag_16696	NFAINPSINEISYTFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N5(Deamidated),N9(Deamidated),N1(Deamidated)	146	4.37E-14	1	1885.942	-1.21	Midgut	2R:+:41198672-41198719;2R:+:41198672-41198719;2R:+:41198672-41198719	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_16886	NEMLIIEHASQENTGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	134	5.98E-13	1	1841.883	1.01	Malpighian tubule	2R:+:41201399-41201446;2R:+:41201399-41201446;2R:+:41201399-41201446	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA

JHU_Ag_16912	AILGEQAHLMCNEEFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	109	1.67E-10	1	1917.895	0.17	Malpighian tubule	2R:+:41202840-41202887;2R:+:41202840-41202887;2R:+:41202840-41202887	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_17453	AYTVVEIDRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	36	0.003554706	2	1221.655	-3.13	Head	2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA
JHU_Ag_18499	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	104	3.30E-10	1	1357.772	2.5	Malpighian tubule	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_19091	ASSGTEVVYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	54	4.31E-05	1	1040.526	0.02	Head	2R:+:41200809-41200838;2R:+:41200809-41200838;2R:+:41200809-41200838	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_19239	NDQGFGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	42	0.000637269	2	793.357	-1.73	Head	2R:+:41195892-41195912;2R:+:41195892-41195912;2R:+:41195892-41195912	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_20066	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	40	0.000605603	2	1144.669	3.88	Larva	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_20426	VFEWQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	50	8.98E-05	2	1024.468	1.2	Pupa	2R:+:41189461-41189481;2R:+:41189461-41189481;2R:+:41189461-41189481	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA
JHU_Ag_20493	ATYNTVSNEAALSYVSLDIAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	76	3.66E-07	2	2258.133	1.27	Visceras	2R:+:41198015-41198077;2R:+:41198015-41198077;2R:+:41198015-41198077	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_20568	CSPTAQVVWSK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl)	85	5.94E-08	1	1262.619	-0.32	Midgut	2R:+:41201327-41201359;2R:+:41201327-41201359;2R:+:41201327-41201359	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_20807	VPYYSLPEEYKGNQLK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	64	5.91E-06	1	1927.986	3.15	Larva	2R:+:41196390-41196437;2R:+:41196390-41196437;2R:+:41196390-41196437	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA

JHU_Ag_20887	NIELVNVMMDSAAHDDRGLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M8(Oxidation), M9(Oxidation), C28(Carbamidomethyl)	63	5.21E-06	1	3219.501	5.72	Malpighian tubule	2R:+:41196797-41196883;2R:+:41196797-41196883;2R:+:41196797-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_21033	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	61	3.10E-06	2	869.520	0.14	Salivary gland	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_21094	NFGASDDTFYWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated)	115	1.87E-11	1	1478.633	-0.4	Midgut	2R:+:41197517-41197552;2R:+:41197517-41197552;2R:+:41197517-41197552	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_21126	HDEFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	40	0.000178035	2	991.401	-3.88	Head	2R:+:41195559-41195579;2R:+:41195559-41195579;2R:+:41195559-41195579	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_21272	GDMLTVLSNLEHILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	36	0.0017012	1	1840.010	5.54	Malpighian tubule	2R:+:41199038-41199085;2R:+:41199038-41199085;2R:+:41199038-41199085	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_21538	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	99	2.74E-10	1	1565.634	-1.04	Salivary gland	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_21731	MQYVDGIER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M1(Oxidation)	56	3.66E-05	2	1110.529	4.03	Head	2R:+:41196770-41196796;2R:+:41196770-41196796;2R:+:41196770-41196796	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_21937	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	132	1.07E-12	1	2221.114	0.24	Pupa	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_22113	CSPTAQVVWSK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl)	55	6.34E-05	2	1262.622	1.52	Head	2R:+:41201327-41201359;2R:+:41201327-41201359;2R:+:41201327-41201359	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_22183	DMNGRLEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation),"M2(Oxidation), N3(Deamidated)"	61	9.18E-06	1	1444.721	-0.18	Midgut	2R:+:41194609-41194644;2R:+:41194609-41194644;2R:+:41194609-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_22200	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	78	3.65E-08	1	1891.764	2.84	Larva	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_22606	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	110	1.92E-10	1	1834.891	4.82	Ovary	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_22691	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	86	6.11E-09	2	1891.761	1.29	Midgut	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_22791	NGRLPDSAYTDGGTLVITNIQIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated)	72	6.14E-07	1	2446.301	3.17	Midgut	2R:+:41200716-41200784;2R:+:41200716-41200784;2R:+:41200716-41200784	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_23033	EGTLLESR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	42	0.001046775	2	904.477	4.13	Ovary	2R:+:41198648-41198671;2R:+:41198648-41198671;2R:+:41198648-41198671	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_23310	VFEWQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	44	0.000382111	2	1024.466	-0.94	Visceras	2R:+:41189461-41189481;2R:+:41189461-41189481;2R:+:41189461-41189481	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA
JHU_Ag_23346	EVTLYLHQAELNDAGTYECTAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C19(Carbamidomethyl)	90	1.26E-08	2	2526.181	-0.23	Malpighian tubule	2R:+:41202606-41202671;2R:+:41202606-41202671;2R:+:41202606-41202671	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_23567	ESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	51	7.47E-05	2	1267.571	-1.8	Pupa	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_23733	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	56	2.54E-05	2	1014.512	0.1	Ovary	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_23818	NFAINPSINEISYTFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	138	2.62E-13	1	1885.955	5.78	Ovary	2R:+:41198672-41198719;2R:+:41198672-41198719;2R:+:41198672-41198719	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_24270	DIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	40	0.001065436	2	1670.737	1.81	Salivary gland	2R:+:41197022-41197066;2R:+:41197022-41197066;2R:+:41197022-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_24965	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	76	1.66E-07	2	1128.676	5.38	Malpighian tubule	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_24985	NIELVNVMMDSAAHDDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M8(Oxidation), M9(Oxidation)	37	0.002028949	1	1961.871	0.64	Salivary gland	2R:+:41196797-41196847;2R:+:41196797-41196847;2R:+:41196797-41196847	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_25283	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	53	8.39E-05	2	1578.792	3.35	Larva	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_25284	HGVQLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	34	0.00058524	2	709.410	-0.72	Head	2R:+:41196345-41196362;2R:+:41196345-41196362;2R:+:41196345-41196362	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_25454	CAAQHFYMHEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl)	34	0.002308213	1	1421.610	0.84	Malpighian tubule	2R:+:41197301-41197333;2R:+:41197301-41197333;2R:+:41197301-41197333	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_25919	AYTVVEIDRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	53	5.63E-05	2	1221.659	0.46	Visceras	2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA
JHU_Ag_26106	AWPVEQCQCPTGHIGLSCEDCAPGYYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl), C9(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)	118	6.66E-12	1	3183.347	1.35	Head	2R:+:41198105-41198185;2R:+:41198105-41198185;2R:+:41198105-41198185	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_26243	FSSIAPEDAGRYYCHVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl)	47	0.000283686	1	2027.945	2.84	Malpighian tubule	2R:+:41203239-41203289;2R:+:41203239-41203289;2R:+:41203239-41203289	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_26628	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	92	4.62E-09	2	1357.771	1.42	Visceras	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_26830	KDNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	93	3.78E-09	1	2059.103	2.65	Malpighian tubule	2R:+:41203185-41203238;2R:+:41203185-41203238;2R:+:41203185-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_26964	GDVGPHDDDDRPPSYYPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	98	1.11E-09	1	2154.939	-3.77	Head	2R:+:41202726-41202782;2R:+:41202726-41202782;2R:+:41202726-41202782	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_27168	AWPVEQCQCPTGHIGLSCEDCAPGYYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl), C9(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)	78	7.09E-08	1	3183.348	1.47	Salivary gland	2R:+:41198105-41198185;2R:+:41198105-41198185;2R:+:41198105-41198185	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_27516	EDIMMALASIESILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M4(Oxidation), M5(Oxidation),M4(Oxidation),M5(Oxidation)	122	6.92E-12	1	1836.952	3.97	Midgut	2R:+:41196722-41196769;2R:+:41196722-41196769;2R:+:41196722-41196769	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_27643	ASSGTEVVYKQVTINVSK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	139	1.14E-13	1	1910.028	2.55	Malpighian tubule	2R:+:41200809-41200860,41200941-41200942;2R:+:41200809-41200860,41200941-41200942;2R:+:41200809-41200860,41200941-41200942	exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PB;exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PC;exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PA
JHU_Ag_27823	YSCTAYFPNGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), N9(Deamidated)"	88	6.81E-09	2	1336.562	-0.29	Midgut	2R:+:41201447-41201479;2R:+:41201447-41201479;2R:+:41201447-41201479	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_27880	SDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	46	0.000312703	3	1416.758	-0.94	Male reproductive organs	2R:+:41202912-41202950;2R:+:41202912-41202950;2R:+:41202912-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_28238	EGYSGDNCDNQLDTRPTVPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C8(Carbamidomethyl)	127	2.06E-12	1	2391.064	0.26	Visceras	2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512	exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PB;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PC;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PA
JHU_Ag_28568	VVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	1.44E-05	2	943.557	-0.04	Ovary	2R:+:41194801-41194824;2R:+:41194801-41194824;2R:+:41194801-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA

JHU_Ag_28607	SGFSLISDYTNPSIVANALPVSNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	113	6.30E-11	1	2522.291	0.86	Head	2R:+:41197430-41197501;2R:+:41197430-41197501;2R:+:41197430-41197501	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_28757	TNSPISPYGSNTHSVSIVEDEWQNYEDGNAATR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	166	2.22E-16	1	3638.631	1.13	Malpighian tubule	2R:+:41197868-41197966;2R:+:41197868-41197966;2R:+:41197868-41197966	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_28802	LPDSAYTDGGTLVITNIQIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	112	5.15E-11	2	2119.131	1.16	Visceras	2R:+:41200725-41200784;2R:+:41200725-41200784;2R:+:41200725-41200784	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_28823	QDCADNSDENGCSHKDLCEPNQFK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)	42	7.66E-05	1	2868.128	0.89	Visceras	2R:+:41195373-41195444;2R:+:41195373-41195444;2R:+:41195373-41195444	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_29081	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	77	4.23E-08	1	1307.785	1.22	Malpighian tubule	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_29211	ASAGVPYPSITWVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	38	0.002148464	1	1503.797	0.78	Ovary	2R:+:41202172-41202213;2R:+:41202172-41202213;2R:+:41202172-41202213	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_29234	TGQCIDELRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	35	0.005246706	1	1247.620	2.74	Malpighian tubule	2R:+:41191556-41191585;2R:+:41191556-41191585;2R:+:41191556-41191585	exon=> In CDS Exon 20 of transcript AGAP003656-PB;exon=> In CDS Exon 20 of transcript AGAP003656-PC;exon=> In CDS Exon 20 of transcript AGAP003656-PA
JHU_Ag_29262	ALVCDDRK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	54	6.86E-05	1	976.483	-5.01	Head	2R:+:41186967-41186990;2R:+:41186967-41186990;2R:+:41186967-41186990	exon=> In CDS Exon 10 of transcript AGAP003656-PB;exon=> In CDS Exon 10 of transcript AGAP003656-PC;exon=> In CDS Exon 10 of transcript AGAP003656-PA
JHU_Ag_29273	SGFSLISDYTNPSIVANALPVSNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	131	7.49E-13	1	2522.288	-0.39	Midgut	2R:+:41197430-41197501;2R:+:41197430-41197501;2R:+:41197430-41197501	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_29300	SGFSLISDYTNPSIVANALPVSNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	86	2.61E-08	2	2522.293	1.64	Salivary gland	2R:+:41197430-41197501;2R:+:41197430-41197501;2R:+:41197430-41197501	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_29416	GNGQPLPPGTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	40	0.001402387	1	1093.578	2.84	Malpighian tubule	2R:+:41194576-41194608;2R:+:41194576-41194608;2R:+:41194576-41194608	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA

JHU_Ag_29564	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	74	6.32E-07	1	1524.783	1.44	Head	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_29774	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	1.50E-05	1	1524.782	1.2	Salivary gland	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_30119	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	48	0.000176434	1	1030.570	1.65	Malpighian tubule	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_30291	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	35	0.000619 09	1	1307.787	2.34	Pupa	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_30401	IDHNGEYICEAVGYPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N4(Deamidated),C9(Carbamidomethyl),C9(Carbamidomethyl)	69	1.51E-06	1	1864.860	3.47	Larva	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_30631	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	48	0.000169884	1	1030.572	4.14	Salivary gland	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_30865	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	135	3.90E-13	1	2307.095	0.78	Malpighian tubule	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA

JHU_Ag_31006	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	74	3.63E-07	1	1467.662	0.89	Ovary	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_31030	YSCTAYFPNGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), N9(Deamidated)"	66	1.84E-06	2	1335.578	-0.65	Visceras	2R:+:41201447-41201479;2R:+:41201447-41201479;2R:+:41201447-41201479	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_31049	GTSCEQCEDLHYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	81	2.34E-08	1	1654.662	2.08	Malpighian tubule	2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_32364	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	117	1.68E-11	2	1357.768	-0.73	Midgut	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_32434	SDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	74	4.66E-07	1	1416.764	3.2	Ovary	2R:+:41202912-41202950;2R:+:41202912-41202950;2R:+:41202912-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_32555	DIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	60	9.19E-06	2	1670.740	3.71	Larva	2R:+:41197022-41197066;2R:+:41197022-41197066;2R:+:41197022-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_32860	RVPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	43	0.000811649	1	1543.778	-0.43	Midgut	2R:+:41196387-41196422;2R:+:41196387-41196422;2R:+:41196387-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_32964	ATYNTVSNEAALSYVSLDIAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	104	6.37E-10	2	2258.138	3.54	Malpighian tubule	2R:+:41198015-41198077;2R:+:41198015-41198077;2R:+:41198015-41198077	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_33267	TNSPISPYGSNTHSVSIVEDEWQNYEDGNAATR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	179	1.19E-17	1	3638.641	3.85	Ovary	2R:+:41197868-41197966;2R:+:41197868-41197966;2R:+:41197868-41197966	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_33772	YDCTLSQPDQSFDCRECDVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl), C17(Carbamidomethyl)	55	6.13E-06	1	2551.029	0.12	Midgut	2R:+:41198357-41198416;2R:+:41198357-41198416;2R:+:41198357-41198416	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_34143	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	36	0.002602254	2	1014.508	-3.63	Larva	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_34283	YHQASLGAAIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	69	1.85E-06	1	1186.633	-0.03	Midgut	2R:+:41203489-41203521;2R:+:41203489-41203521;2R:+:41203489-41203521	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_34402	EVTLYLHQAELNDAGTYECTAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C19(Carbamidomethyl)	82	1.01E-07	2	2526.192	4.02	Ovary	2R:+:41202606-41202671;2R:+:41202606-41202671;2R:+:41202606-41202671	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_34502	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated)	115	5.16E-11	1	1834.886	2.3	Head	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_34517	NDVGESDTLLTVYVRPAVGPTLPPSYPTEMER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M30(Oxidation)	72	7.70E-07	1	3519.732	0.3	Midgut	2R:+:41201168-41201263;2R:+:41201168-41201263;2R:+:41201168-41201263	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_34564	TNSPISPYGSNTHSVSIVEDEWQNYEDGNAATR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	149	1.19E-14	1	3638.625	-0.58	Salivary gland	2R:+:41197868-41197966;2R:+:41197868-41197966;2R:+:41197868-41197966	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_34736	DASLEDAGEYECR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	64	1.04E-06	2	1514.608	0.84	Ovary	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_34943	SGFSLISDYTNPSIVANALPVSNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	100	1.03E-09	1	2522.295	2.61	Visceras	2R:+:41197430-41197501;2R:+:41197430-41197501;2R:+:41197430-41197501	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_34980	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	83	3.27E-08	2	1128.672	1.59	Ovary	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_35012	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	1.81E-05	1	1077.558	0.21	Visceras	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_35173	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	78	1.26E-07	2	1357.769	0.53	Salivary gland	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA

JHU_Ag_35359	EYYDDGTYAVPLVEHNWIVINRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	49	0.000185598	1	2822.395	1.86	Head	2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_35396	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	129	1.57E-12	1	2307.091	-1.29	Visceras	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_35431	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	114	6.20E-11	1	1578.794	4.04	Ovary	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_35710	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	130	1.77E-12	1	1834.888	3.23	Midgut	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_35922	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	68	2.53E-06	2	1524.778	-1.36	Midgut	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_35997	SFQCDTHPDCQDK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	33	0.000506282	1	1637.634	1	Malpighian tubule	2R:+:41195601-41195639;2R:+:41195601-41195639;2R:+:41195601-41195639	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_36412	SFQCDTHPDCQDK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	83	6.17E-09	1	1637.635	1.75	Head	2R:+:41195601-41195639;2R:+:41195601-41195639;2R:+:41195601-41195639	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA

JHU_Ag_36499	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	56	4.99E-05	1	1030.568	-0.06	Midgut	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_36848	DNVVCQCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	61	2.56E-06	1	1165.472	-0.37	Midgut	2R:+:41197100-41197126;2R:+:41197100-41197126;2R:+:41197100-41197126	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_36875	DNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	82	8.01E-08	1	1931.002	0.09	Ovary	2R:+:41203188-41203238;2R:+:41203188-41203238;2R:+:41203188-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_36960	EGSFGLGTQHETGCVECFCSGVTK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	130	4.40E-13	1	2647.124	0.68	Malpighian tubule	2R:+:41198492-41198563;2R:+:41198492-41198563;2R:+:41198492-41198563	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_37251	ESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	56	2.85E-05	1	1267.574	0.13	Salivary gland	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_37848	DEGPMHAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	42	0.000412815	2	884.393	-0.09	Midgut	2R:+:41194537-41194560;2R:+:41194537-41194560;2R:+:41194537-41194560	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_37850	CSPTAQVVWSK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl)	76	4.60E-07	1	1262.620	0.45	Visceras	2R:+:41201327-41201359;2R:+:41201327-41201359;2R:+:41201327-41201359	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_37997	DTIHASFADGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	48	0.000215738	1	1189.559	-0.36	Head	2R:+:41197397-41197429;2R:+:41197397-41197429;2R:+:41197397-41197429	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_38000	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	53	1.84E-05	2	869.520	-0.14	Malpighian tubule	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_38235	MQYVDGIER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M1(Oxidation)	61	8.68E-06	2	1126.522	2.2	Larva	2R:+:41196770-41196796;2R:+:41196770-41196796;2R:+:41196770-41196796	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_38325	DIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	85	2.75E-08	1	1670.737	2.1	Head	2R:+:41197022-41197066;2R:+:41197022-41197066;2R:+:41197022-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_38346	KDNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	5.21E-06	1	2059.104	3.1	Ovary	2R:+:41203185-41203238;2R:+:41203185-41203238;2R:+:41203185-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_38784	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	138	2.35E-13	1	1816.911	1.67	Malpighian tubule	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_39008	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	30	0.003808076	2	869.521	0.49	Larva	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_39054	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	99	2.85E-10	1	1565.637	0.68	Malpighian tubule	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_39187	ESNEVVFQCRDEGPMHAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl), M15(Oxidation)	32	0.003654702	1	2148.940	-1.93	Visceras	2R:+:41193234-41193237,41194511-41194560;2R:+:41193234-41193237,41194511-41194560;2R:+:41193234-41193237,41194511-41194560	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_39610	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	130	1.56E-12	1	2221.118	2.06	Head	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA

JHU_Ag_39726	ESNEVVFQCRDEGPMHAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl), M15(Oxidation)	56	1.51E-05	1	2148.942	-1.08	Midgut	2R:+:41193234-41193237,41194511-41194560;2R:+:41193234-41193237,41194511-41194560;2R:+:41193234-41193237,41194511-41194560	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_39830	TSTVDVVIADNNVLPPSNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	7.64E-06	2	1983.039	-0.15	Visceras	2R:+:41201486-41201541,41201620-41201620;2R:+:41201486-41201541,41201620-41201620;2R:+:41201486-41201541,41201620-41201620	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA
JHU_Ag_40098	DASLEDAGEYECR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	99	3.31E-10	1	1514.608	1.16	Midgut	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_40555	EGTLLESR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	51	0.000156998	2	904.473	-0.66	Male reproductive organs	2R:+:41198648-41198671;2R:+:41198648-41198671;2R:+:41198648-41198671	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_40647	DLCEPNQFK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	38	0.001618372	2	1150.521	0.67	Ovary	2R:+:41195418-41195444;2R:+:41195418-41195444;2R:+:41195418-41195444	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_41619	FSSIAPEDAGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	34	0.007727483	2	1149.552	-1.3	Head	2R:+:41203239-41203271;2R:+:41203239-41203271;2R:+:41203239-41203271	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_41638	ATYNTVSNEAALSYVSLDIAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	112	1.01E-10	2	2258.137	3	Head	2R:+:41198015-41198077;2R:+:41198015-41198077;2R:+:41198015-41198077	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_41662	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	65	2.63E-06	1	1156.653	4.87	Ovary	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA

JHU_Ag_41831	RVPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	54	6.59E-05	1	1543.774	-3.51	Head	2R:+:41196387-41196422;2R:+:41196387-41196422;2R:+:41196387-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_42248	EVTLYLHQAELNDAGTYECTAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C19(Carbamidomethyl)	78	2.36E-07	1	2526.185	1.46	Visceras	2R:+:41202606-41202671;2R:+:41202606-41202671;2R:+:41202606-41202671	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_42353	DTIHASFADGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	65	4.67E-06	2	1189.561	0.87	Ovary	2R:+:41197397-41197429;2R:+:41197397-41197429;2R:+:41197397-41197429	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_43070	VPYYSLPEEYKGNQLK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N13(Deamidated),Q14(Deamidated)	80	1.56E-07	1	1927.978	-1.22	Midgut	2R:+:41196390-41196437;2R:+:41196390-41196437;2R:+:41196390-41196437	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_43455	ESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	69	1.43E-06	1	1267.573	-0.16	Midgut	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_43988	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	106	4.60E-10	2	1578.787	0.1	Male reproductive organs	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_44060	EELPVIVDAYDNTITLTDREGTLLESR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	84	4.54E-08	1	3062.553	-0.04	Midgut	2R:+:41198591-41198671;2R:+:41198591-41198671;2R:+:41198591-41198671	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_44344	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	79	8.32E-08	2	1128.669	-0.46	Midgut	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_44366	NDQGFGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	38	0.001828673	2	793.359	-0.19	Midgut	2R:+:41195892-41195912;2R:+:41195892-41195912;2R:+:41195892-41195912	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA

JHU_Ag_44411	TSTVDVVIADNNVLPPSNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	40	0.001137378	2	1983.040	0.1	Pupa	2R:+:41201486-41201541,41201620-41201620;2R:+:41201486-41201541,41201620-41201620	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA
JHU_Ag_44641	TGQCIDELRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	41	0.001501758	1	1247.613	-2.85	Head	2R:+:41191556-41191585;2R:+:41191556-41191585;2R:+:41191556-41191585	exon=> In CDS Exon 20 of transcript AGAP003656-PB;exon=> In CDS Exon 20 of transcript AGAP003656-PC;exon=> In CDS Exon 20 of transcript AGAP003656-PA
JHU_Ag_44713	LTNLVPGRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	33	0.001845305	1	1025.624	2.16	Malpighian tubule	2R:+:41196363-41196389;2R:+:41196363-41196389;2R:+:41196363-41196389	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_45032	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	61	6.79E-06	2	1156.647	-0.2	Male reproductive organs	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_45079	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	52	1.13E-05	1	1307.783	-0.37	Midgut	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_45328	CSIYEFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	61	2.49E-06	2	1262.528	-1.12	Midgut	2R:+:41184942-41184968;2R:+:41184942-41184968;2R:+:41184942-41184968	exon=> In CDS Exon 6 of transcript AGAP003656-PB;exon=> In CDS Exon 6 of transcript AGAP003656-PC;exon=> In CDS Exon 6 of transcript AGAP003656-PA
JHU_Ag_45515	NCAICYGDAFHCK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C12(Carbamidomethyl)	93	1.10E-09	1	1615.646	0.52	Head	2R:+:41188681-41188712,41189040-41189046;2R:+:41188681-41188712,41189040-41189046;2R:+:41188681-41188712,41189040-41189046	exon=> In CDS Exon 13 and 14 of transcript AGAP003656-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP003656-PC;exon=> In CDS Exon 13 and 14 of transcript AGAP003656-PA
JHU_Ag_45744	VFEWQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	46	0.000288048	2	1024.467	-0.35	Midgut	2R:+:41189461-41189481;2R:+:41189461-41189481;2R:+:41189461-41189481	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA

JHU_Ag_45781	DGQCIPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	41	0.000637135	2	817.386	-1.78	Midgut	2R:+:41195580-41195600;2R:+:41195580-41195600;2R:+:41195580-41195600	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_45825	GFTGNCQR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	39	0.000688347	2	939.409	-0.87	Salivary gland	2R:+:41198417-41198440;2R:+:41198417-41198440;2R:+:41198417-41198440	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_46173	VPYYSLPEEYKGNQLK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	2.25E-05	1	1927.976	-1.98	Male reproductive organs	2R:+:41196390-41196437;2R:+:41196390-41196437;2R:+:41196390-41196437	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_46176	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Q8(Deamidated)	125	5.04E-12	1	1834.890	4.62	Malpighian tubule	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_46183	ASAGVPYPSITWVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	74	5.98E-07	1	1503.797	1.27	Head	2R:+:41202172-41202213;2R:+:41202172-41202213;2R:+:41202172-41202213	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_46683	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	86	1.87E-08	1	1871.017	0.28	Head	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_46842	YSCTAYFPNGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl),N9(Deamidated)"	64	2.07E-06	2	1336.566	2.54	Malpighian tubule	2R:+:41201447-41201479;2R:+:41201447-41201479;2R:+:41201447-41201479	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_47021	EDIMMALASIESILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M4(Oxidation),M5(Oxidation)	71	8.19E-07	2	1836.954	4.83	Larva	2R:+:41196722-41196769;2R:+:41196722-41196769;2R:+:41196722-41196769	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_47065	NFGASDDTFYWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	93	3.27E-09	1	1478.635	0.67	Salivary gland	2R:+:41197517-41197552;2R:+:41197517-41197552;2R:+:41197517-41197552	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_47156	SGFSLISDYTNPSIVANALPVSNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	94	3.86E-09	1	2522.298	3.86	Malpighian tubule	2R:+:41197430-41197501;2R:+:41197430-41197501;2R:+:41197430-41197501	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_47184	FTNDAEGVITLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	79	2.06E-07	2	1335.691	0.63	Male reproductive organs	2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347	exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PB;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PC;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PA
JHU_Ag_47917	GDMLTVLSNLEHILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation), N9(Deamidated),M3(Oxidation)	112	4.26E-11	1	1840.008	4.45	Ovary	2R:+:41199038-41199085;2R:+:41199038-41199085;2R:+:41199038-41199085	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_48055	LEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	32	0.002927202	2	854.511	1.76	Pupa	2R:+:41194624-41194644;2R:+:41194624-41194644;2R:+:41194624-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_48073	DRMPLSSR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	41	0.001520266	1	977.486	2.85	Malpighian tubule	2R:+:41202217-41202240;2R:+:41202217-41202240;2R:+:41202217-41202240	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_48729	EKPVLEIYPSEPQTIKVGESVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	127	1.32E-12	1	2498.360	4.01	Malpighian tubule	2R:+:41202094-41202159;2R:+:41202094-41202159;2R:+:41202094-41202159	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_48985	VVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	67	2.40E-06	2	943.557	-0.04	Midgut	2R:+:41194801-41194824;2R:+:41194801-41194824;2R:+:41194801-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_49282	SCGSSNLYREELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	80	1.35E-07	3	3201.546	2.71	Malpighian tubule	2R:+:41198564-41198647;2R:+:41198564-41198647;2R:+:41198564-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_49295	GNGQPLPPGTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	45	0.000449058	1	1093.574	-0.62	Head	2R:+:41194576-41194608;2R:+:41194576-41194608;2R:+:41194576-41194608	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_49711	SDNTCIQK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl)	33	0.004438094	2	965.436	0.33	Midgut	2R:+:41182810-41182833;2R:+:41182810-41182833;2R:+:41182810-41182833	exon=> In CDS Exon 3 of transcript AGAP003656-PB;exon=> In CDS Exon 3 of transcript AGAP003656-PC;exon=> In CDS Exon 3 of transcript AGAP003656-PA
JHU_Ag_50248	IDHNGEYICEAVGYPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N4(Deamidated), C9(Carbamidomethyl),C9(Carbamidomethyl)	84	4.53E-08	1	1864.861	4.23	Ovary	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA

JHU_Ag_50589	DNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	139	1.65E-13	1	1931.001	-0.42	Malpighian tubule	2R:+:41203188-41203238;2R:+:41203188-41203238;2R:+:41203188-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_51011	SYGGSIRYDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	74	4.71E-07	1	2941.480	3.7	Malpighian tubule	2R:+:41196438-41196518;2R:+:41196438-41196518;2R:+:41196438-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_51060	NFGASDDTFYWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	115	1.77E-11	1	1478.633	-0.4	Head	2R:+:41197517-41197552;2R:+:41197517-41197552;2R:+:41197517-41197552	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_51098	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	8.32E-06	2	1156.647	-0.3	Head	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_51332	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	101	9.83E-10	1	2307.098	1.81	Pupa	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_51485	EYYDDGTYAVPLVEHNWIVINR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	2.15E-05	1	2666.300	4.39	Salivary gland	2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_51754	FTNDAEGVITLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N3(Deamidated)	93	8.38E-09	2	1335.688	-1.84	Midgut	2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347	exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PB;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PC;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PA

JHU_Ag_51876	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	126	3.64E-12	1	1834.883	0.43	Salivary gland	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_51898	SCGSSNLYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	34	0.002129567	2	1043.457	-0.17	Midgut	2R:+:41198564-41198590;2R:+:41198564-41198590;2R:+:41198564-41198590	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_51930	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	80	8.46E-08	2	1357.772	2.14	Ovary	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_52077	FTNDAEGVITLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	92	1.13E-08	1	1335.692	1.36	Head	2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347	exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PB;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PC;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PA
JHU_Ag_52102	EELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	145	3.96E-14	1	2177.094	-1.39	Midgut	2R:+:41198591-41198647;2R:+:41198591-41198647;2R:+:41198591-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_52210	GTSCEQCEDLHYRDIYDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	85	9.66E-09	1	2316.958	-1.33	Midgut	2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_52262	RVPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	39	0.001571 99	2	1543.784	3.05	Ovary	2R:+:41196387-41196422;2R:+:41196387-41196422;2R:+:41196387-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA

JHU_Ag_52388	EYYDDGTYAVPLVEHNWIVINRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	87	2.43E-08	1	2822.385	-1.77	Ovary	2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_52536	QQDAGTYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	36	0.002202 95	2	938.432	-0.39	Midgut	2R:+:41201132-41201155;2R:+:41201132-41201155;2R:+:41201132-41201155	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_52629	GTSCEQCEDLHYRDIYDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	97	6.84E-10	1	2316.973	5.07	Malpighian tubule	2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_52693	GFTGNCQR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	52	2.90E-05	2	939.410	-0.35	Midgut	2R:+:41198417-41198440;2R:+:41198417-41198440;2R:+:41198417-41198440	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_52794	RGDVGPHDDDDRPPSYYPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	105	3.69E-10	1	2311.049	0.31	Malpighian tubule	2R:+:41202723-41202782;2R:+:41202723-41202782;2R:+:41202723-41202782	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_52964	IDHNGEYICEAVGYPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N4(Deamidated), C9(Carbamidomethyl),C9(Carbamidomethyl)	121	7.14E-12	1	1865.837	-0.09	Midgut	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_53099	VPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	61	1.09E-05	1	1387.678	0.08	Head	2R:+:41196390-41196422;2R:+:41196390-41196422;2R:+:41196390-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_53158	ATYNTVSNEAALSYVSLDIARDSPYATGAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	143	8.16E-14	1	3176.559	3.1	Malpighian tubule	2R:+:41198015-41198104;2R:+:41198015-41198104;2R:+:41198015-41198104	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_53330	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	72	1.56E-07	1	1565.639	1.93	Pupa	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_53518	MQYVDGIER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M1(Oxidation)	60	1.22E-05	1	1126.524	4.15	Ovary	2R:+:41196770-41196796;2R:+:41196770-41196796;2R:+:41196770-41196796	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_53546	DNVVCQCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	44	0.000107355	1	1165.471	-1.1	Malpighian tubule	2R:+:41197100-41197126;2R:+:41197100-41197126;2R:+:41197100-41197126	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_53812	IDHNGEYICEAVGYPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N4(Deamidated), C9(Carbamidomethyl),C9(Carbamidomethyl)	55	4.23E-05	2	1864.855	0.63	Salivary gland	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_53844	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	153	7.37E-15	1	2307.091	-1.05	Midgut	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_53905	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	123	6.76E-12	1	2221.119	2.3	Larva	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_53987	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	101	6.30E-10	1	1871.016	-0.11	Midgut	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_54193	DTIHASFADGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	51	9.50E-05	1	1189.559	-0.26	Visceras	2R:+:41197397-41197429;2R:+:41197397-41197429;2R:+:41197397-41197429	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_54288	NQFGETEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	34	0.004232873	1	952.438	1.06	Malpighian tubule	2R:+:41203290-41203313;2R:+:41203290-41203313;2R:+:41203290-41203313	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_54630	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	88	1.23E-08	2	1357.772	2.59	Head	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA

JHU_Ag_55021	IDHNGEYICEAVGYPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N4(Deamidated), C9(Carbamidomethyl),C9(Carbamidomethyl)	115	3.79E-11	1	1864.855	0.83	Head	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_55115	DIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	74	4.32E-07	1	1670.739	3.19	Midgut	2R:+:41197022-41197066;2R:+:41197022-41197066;2R:+:41197022-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_55446	RCDQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	35	0.000771279	2	894.366	-0.88	Ovary	2R:+:41198474-41198491;2R:+:41198474-41198491;2R:+:41198474-41198491	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_55457	YTPHSSGGISR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	54	5.97E-05	1	1161.570	4.51	Malpighian tubule	2R:+:41197693-41197725;2R:+:41197693-41197725;2R:+:41197693-41197725	exon=> In CDS Exon 30 of transcript AGAP003656-PB;exon=> In CDS Exon 31 of transcript AGAP003656-PC;exon=> In CDS Exon 31 of transcript AGAP003656-PA
JHU_Ag_55757	EGSFGLGTQHETGCVECFCSGVTK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	60	5.88E-06	1	2647.127	1.92	Pupa	2R:+:41198492-41198563;2R:+:41198492-41198563;2R:+:41198492-41198563	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_55917	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	46	0.000416161	2	1524.781	0.4	Male reproductive organs	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_55963	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	88	8.60E-09	1	1871.025	4.71	Salivary gland	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_56171	EGSFGLGTQHETGCVECFCSGVTK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	99	5.83E-10	1	2647.126	1.51	Ovary	2R:+:41198492-41198563;2R:+:41198492-41198563;2R:+:41198492-41198563	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_56373	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	47	0.000251765	2	1014.512	0.04	Salivary gland	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_56394	VNHCNDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	29	0.002819461	1	914.389	-0.8	Ovary	2R:+:41186399-41186419;2R:+:41186399-41186419;2R:+:41186399-41186419	exon=> In CDS Exon 8 of transcript AGAP003656-PB;exon=> In CDS Exon 8 of transcript AGAP003656-PC;exon=> In CDS Exon 8 of transcript AGAP003656-PA
JHU_Ag_56415	FSSIAPEDAGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	50	0.000186711	2	1149.557	3.06	Midgut	2R:+:41203239-41203271;2R:+:41203239-41203271;2R:+:41203239-41203271	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_56496	CDNGFCIPMYQR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl), N3(Deamidated), C6(Carbamidomethyl), M9(Oxidation),"C1(Carbamidomethyl), C6(Carbamidomethyl), M9(Oxidation)"	52	1.20E-05	2	1577.622	2.09	Midgut	2R:+:41186354-41186389;2R:+:41186354-41186389;2R:+:41186354-41186389	exon=> In CDS Exon 8 of transcript AGAP003656-PB;exon=> In CDS Exon 8 of transcript AGAP003656-PC;exon=> In CDS Exon 8 of transcript AGAP003656-PA
JHU_Ag_56591	NEMLIIEHASQENTGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	98	2.77E-09	1	1841.885	2.27	Salivary gland	2R:+:41201399-41201446;2R:+:41201399-41201446;2R:+:41201399-41201446	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_56650	VPYYSLPEEYKGNQLK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	80	1.46E-07	1	1927.983	1.53	Visceras	2R:+:41196390-41196437;2R:+:41196390-41196437;2R:+:41196390-41196437	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_56671	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)," M10(Oxidation), C11(Carbamidomethyl)"	101	1.02E-09	1	1451.663	-1.76	Salivary gland	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_56718	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	54	6.98E-06	1	1307.784	0.38	Head	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_56784	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	52	2.63E-05	1	869.520	-0.12	Midgut	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_57073	VPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	2.11E-05	2	1387.683	3.34	Malpighian tubule	2R:+:41196390-41196422;2R:+:41196390-41196422;2R:+:41196390-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_57119	GDMLTVLSNLEHILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	43	0.000296172	1	1840.004	2.16	Pupa	2R:+:41199038-41199085;2R:+:41199038-41199085;2R:+:41199038-41199085	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_57231	DASLEDAGEYECR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	75	8.37E-08	1	1514.609	1.64	Salivary gland	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_57323	ECQPGYYGDPNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	64	1.51E-06	1	1455.597	1.14	Visceras	2R:+:41196986-41197021;2R:+:41196986-41197021;2R:+:41196986-41197021	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_57458	AWPVEQCQCPTGHIGLSCEDCAPGYYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl), C9(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)	181	4.13E-18	1	3183.354	3.42	Malpighian tubule	2R:+:41198105-41198185;2R:+:41198105-41198185;2R:+:41198105-41198185	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_57543	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	87	3.27E-08	1	1276.633	1.18	Malpighian tubule	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_57623	ESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	61	7.59E-06	2	1267.571	-1.8	Malpighian tubule	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_57640	EDEFYCDGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	51	2.74E-06	2	1190.441	-0.81	Malpighian tubule	2R:+:41190004-41190030;2R:+:41190004-41190030;2R:+:41190004-41190030	exon=> In CDS Exon 16 of transcript AGAP003656-PB;exon=> In CDS Exon 16 of transcript AGAP003656-PC;exon=> In CDS Exon 16 of transcript AGAP003656-PA
JHU_Ag_57666	ASSGTEVVYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	61	8.54E-06	2	1040.526	0.14	Midgut	2R:+:41200809-41200838;2R:+:41200809-41200838;2R:+:41200809-41200838	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_58174	LEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	43	0.000208187	1	854.508	-1.24	Midgut	2R:+:41194624-41194644;2R:+:41194624-41194644;2R:+:41194624-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_58217	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	92	1.58E-09	2	1891.756	-1.17	Visceras	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_58296	AYTVVEIDRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	46	0.000336502	1	1221.661	2.06	Ovary	2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA

JHU_Ag_58316	HGVQLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	28	0.002015272	2	709.410	-0.21	Midgut	2R:+:41196345-41196362;2R:+:41196345-41196362;2R:+:41196345-41196362	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_58380	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	71	5.97E-07	1	1871.018	0.93	Pupa	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_58455	FTNDAEGVITLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	103	9.10E-10	2	1335.692	1.54	Visceras	2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347	exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PB;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PC;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PA
JHU_Ag_58549	ATYNTVSNEAALSYVSLDIAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	121	1.22E-11	2	2258.136	2.46	Midgut	2R:+:41198015-41198077;2R:+:41198015-41198077;2R:+:41198015-41198077	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_58704	DASLEDAGEYECR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	80	2.04E-08	1	1514.605	-0.94	Male reproductive organs	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_58891	VFEWQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	45	0.000273607	2	1024.468	0.73	Salivary gland	2R:+:41189461-41189481;2R:+:41189461-41189481;2R:+:41189461-41189481	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA
JHU_Ag_59048	DNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	72	8.85E-07	1	1931.000	-1.24	Head	2R:+:41203188-41203238;2R:+:41203188-41203238;2R:+:41203188-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_59460	SDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	71	1.03E-06	1	1416.761	1.39	Head	2R:+:41202912-41202950;2R:+:41202912-41202950;2R:+:41202912-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_59466	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	58	3.54E-06	2	1891.759	0.25	Male reproductive organs	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_59647	RSDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	43	0.000480643	1	1572.863	1.74	Malpighian tubule	2R:+:41202909-41202950;2R:+:41202909-41202950;2R:+:41202909-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_59671	EELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	98	1.92E-09	2	2177.104	3.21	Pupa	2R:+:41198591-41198647;2R:+:41198591-41198647;2R:+:41198591-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_59715	GTSCEQCEDLHYRDIYDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	73	1.46E-07	1	2316.962	0.48	Ovary	2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351;2R:+:41199212-41199226,41199313-41199351	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_59892	CGQGQFECNDGICIADYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl)	91	1.68E-09	2	2134.860	-1.23	Head	2R:+:41187668-41187721;2R:+:41187668-41187721;2R:+:41187668-41187721	exon=> In CDS Exon 11 of transcript AGAP003656-PB;exon=> In CDS Exon 11 of transcript AGAP003656-PC;exon=> In CDS Exon 11 of transcript AGAP003656-PA
JHU_Ag_60088	SDNTCIQK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl)	60	8.63E-06	2	965.437	1.72	Malpighian tubule	2R:+:41182810-41182833;2R:+:41182810-41182833;2R:+:41182810-41182833	exon=> In CDS Exon 3 of transcript AGAP003656-PB;exon=> In CDS Exon 3 of transcript AGAP003656-PC;exon=> In CDS Exon 3 of transcript AGAP003656-PA
JHU_Ag_60184	EELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	159	1.58E-15	1	2177.102	2.2	Salivary gland	2R:+:41198591-41198647;2R:+:41198591-41198647;2R:+:41198591-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_60623	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	59	1.57E-06	1	1307.789	4.48	Larva	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_60626	VPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	52	0.000105481	1	1387.676	-1.59	Salivary gland	2R:+:41196390-41196422;2R:+:41196390-41196422;2R:+:41196390-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_60669	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	47	0.000365185	2	1077.557	-0.24	Male reproductive organs	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_60671	NIELVNVMMDSAAHDDRGLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C28(Carbamidomethyl)	83	6.14E-08	1	3187.492	-0.36	Midgut	2R:+:41196797-41196883;2R:+:41196797-41196883;2R:+:41196797-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_60898	NHVSVSLLPGNWVRPDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	54	4.47E-05	1	1946.041	2.99	Visceras	2R:+:41196656-41196706;2R:+:41196656-41196706;2R:+:41196656-41196706	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_60956	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	2.85E-05	2	1030.566	-1.79	Head	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_61070	NPVIEVVINVPSIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	1.81E-06	2	1520.914	6.17	Malpighian tubule	2R:+:41200513-41200554;2R:+:41200513-41200554;2R:+:41200513-41200554	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_61330	DSPYATGAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	68	1.66E-06	2	937.437	-0.39	Midgut	2R:+:41198078-41198104;2R:+:41198078-41198104;2R:+:41198078-41198104	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_61972	ERECQPGYYGDPNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	55	1.44E-05	1	1740.742	1.69	Malpighian tubule	2R:+:41196980-41197021;2R:+:41196980-41197021;2R:+:41196980-41197021	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_62008	EVTLYLHQAELNDAGTYECTAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C19(Carbamidomethyl)	55	3.91E-05	1	2526.184	1.02	Head	2R:+:41202606-41202671;2R:+:41202606-41202671;2R:+:41202606-41202671	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_62025	CSEHEFHCNNGNCIPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl)	88	2.19E-09	1	2002.785	-5.4	Head	2R:+:41186663-41186710;2R:+:41186663-41186710;2R:+:41186663-41186710	exon=> In CDS Exon 9 of transcript AGAP003656-PB;exon=> In CDS Exon 9 of transcript AGAP003656-PC;exon=> In CDS Exon 9 of transcript AGAP003656-PA
JHU_Ag_62209	DASLEDAGEYECR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	100	2.64E-10	1	1514.606	-0.21	Visceras	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_62319	ATYNTVSNEAALSYVSLDIAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	66	4.17E-06	2	2258.131	0.3	Salivary gland	2R:+:41198015-41198077;2R:+:41198015-41198077;2R:+:41198015-41198077	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_62513	GDMLTVLSNLEHILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	53	3.65E-05	1	1840.007	4.05	Larva	2R:+:41199038-41199085;2R:+:41199038-41199085;2R:+:41199038-41199085	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_62562	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	43	0.000586551	2	1014.509	-2.73	Head	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_62658	AILGEQAHLMCNEEFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	44	0.000594687	1	1933.893	1.53	Visceras	2R:+:41202840-41202887;2R:+:41202840-41202887;2R:+:41202840-41202887	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_62671	DLCEPNQFK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	39	0.001445701	1	1150.520	0.46	Malpighian tubule	2R:+:41195418-41195444;2R:+:41195418-41195444;2R:+:41195418-41195444	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_62810	NFAINPSINEISYTFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	131	1.32E-12	1	1885.943	-0.82	Head	2R:+:41198672-41198719;2R:+:41198672-41198719;2R:+:41198672-41198719	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_63061	NFAINPSINEISYTFRDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	35	0.004234846	1	2157.072	0.03	Ovary	2R:+:41198672-41198725;2R:+:41198672-41198725;2R:+:41198672-41198725	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_63301	ASAGVPYPSITWVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	52	9.11E-05	1	1503.795	-0.6	Midgut	2R:+:41202172-41202213;2R:+:41202172-41202213;2R:+:41202172-41202213	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_63554	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	53	1.06E-05	1	1307.784	0.1	Visceras	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_63589	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	82	6.16E-08	1	1467.666	3.47	Larva	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_63768	RGDVGPHDDDDRPPSYYPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	110	1.18E-10	1	2311.041	-3.49	Head	2R:+:41202723-41202782;2R:+:41202723-41202782;2R:+:41202723-41202782	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_63938	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	72	3.93E-07	2	1144.666	0.89	Visceras	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_64247	LEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	32	0.00303007	2	854.511	1.54	Larva	2R:+:41194624-41194644;2R:+:41194624-41194644;2R:+:41194624-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_64264	SDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	78	1.94E-07	1	1416.759	-0.16	Midgut	2R:+:41202912-41202950;2R:+:41202912-41202950;2R:+:41202912-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_64653	EDIMMALASIESILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M4(Oxidation), M5(Oxidation)	45	0.000400779	3	1836.952	4.16	Visceras	2R:+:41196722-41196769;2R:+:41196722-41196769;2R:+:41196722-41196769	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_64692	TYPDEQTIKESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C18(Carbamidomethyl)	83	7.68E-08	1	2343.097	1.92	Midgut	2R:+:41193207-41193237,41194511-41194536;2R:+:41193207-41193237,41194511-41194536;2R:+:41193207-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_64828	LEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	32	0.002657374	2	854.510	1.19	Malpighian tubule	2R:+:41194624-41194644;2R:+:41194624-41194644;2R:+:41194624-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_65163	NYVVLQGADFSLSCEATGTPYPTVK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl)	103	7.43E-10	2	2717.314	0.53	Midgut	2R:+:41201651-41201725;2R:+:41201651-41201725;2R:+:41201651-41201725	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_65237	KDNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	63	3.80E-06	1	2059.102	2.21	Salivary gland	2R:+:41203185-41203238;2R:+:41203185-41203238;2R:+:41203185-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_65493	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	75	2.23E-07	2	1357.775	5.02	Larva	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_66685	GNGQPLPPGTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	1.13E-05	1	1093.580	4.74	Ovary	2R:+:41194576-41194608;2R:+:41194576-41194608;2R:+:41194576-41194608	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_66935	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	87	2.99E-08	1	1524.781	0.4	Visceras	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_67094	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)," M10(Oxidation), C11(Carbamidomethyl)"	101	9.61E-10	1	1451.664	-1.43	Midgut	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_67139	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	60	3.19E-06	2	869.523	2.88	Head	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA

JHU_Ag_67155	ADNAAGSAILSTTIEVLQPPIIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	91	2.08E-09	1	2350.303	2.13	Salivary gland	2R:+:41202387-41202455;2R:+:41202387-41202455;2R:+:41202387-41202455	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_67397	SDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	42	0.000664076	1	1416.763	2.49	Salivary gland	2R:+:41202912-41202950;2R:+:41202912-41202950;2R:+:41202912-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_67415	AYTVVEIDRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	46	0.000305048	2	1221.662	2.66	Malpighian tubule	2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA
JHU_Ag_67608	NFAINPSINEISYTFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	126	4.54E-12	1	1885.951	3.77	Visceras	2R:+:41198672-41198719;2R:+:41198672-41198719;2R:+:41198672-41198719	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_67628	NEMLIIEHASQENTGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	97	3.69E-09	1	1857.875	-0.44	Visceras	2R:+:41201399-41201446;2R:+:41201399-41201446;2R:+:41201399-41201446	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_67756	VFEWQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	41	0.000829851	2	1024.470	2.63	Larva	2R:+:41189461-41189481;2R:+:41189461-41189481;2R:+:41189461-41189481	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA
JHU_Ag_67791	EGSFGLGTQHETGCVECFCSGVTK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	108	6.83E-11	1	2647.124	0.61	Visceras	2R:+:41198492-41198563;2R:+:41198492-41198563;2R:+:41198492-41198563	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_68177	CAAQHFYMHEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M8(Oxidation)"	63	2.59E-06	1	1421.608	-0.52	Midgut	2R:+:41197301-41197333;2R:+:41197301-41197333;2R:+:41197301-41197333	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_68184	CSPTAQVVWSK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl)	80	1.81E-07	1	1262.622	1.52	Malpighian tubule	2R:+:41201327-41201359;2R:+:41201327-41201359;2R:+:41201327-41201359	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA

JHU_Ag_68513	EYYDDGTYAVPLVEHNWIVINR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	40	0.001442541	3	2666.309	7.48	Visceras	2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_68626	IDCVDGSDEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	39	0.000512225	2	1137.473	-0.07	Head	2R:+:41191598-41191627;2R:+:41191598-41191627;2R:+:41191598-41191627	exon=> In CDS Exon 20 of transcript AGAP003656-PB;exon=> In CDS Exon 20 of transcript AGAP003656-PC;exon=> In CDS Exon 20 of transcript AGAP003656-PA
JHU_Ag_68709	RGDVGPHDDDDRPPSYYPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	81	8.26E-08	1	2311.047	-0.64	Salivary gland	2R:+:41202723-41202782;2R:+:41202723-41202782;2R:+:41202723-41202782	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_69053	EELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	105	4.36E-10	1	2177.104	2.98	Visceras	2R:+:41198591-41198647;2R:+:41198591-41198647;2R:+:41198591-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_69141	ASAGVPYPSITWVRK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	37	0.001442319	1	1631.897	4.04	Malpighian tubule	2R:+:41202172-41202216;2R:+:41202172-41202216;2R:+:41202172-41202216	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_69310	YSCTAYFPNGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl),N9(Deamidated)"	59	6.54E-06	2	1336.565	1.81	Salivary gland	2R:+:41201447-41201479;2R:+:41201447-41201479;2R:+:41201447-41201479	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_69605	DRMPLSSR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	37	0.004497491	1	961.486	-2.39	Head	2R:+:41202217-41202240;2R:+:41202217-41202240;2R:+:41202217-41202240	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_69989	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	123	7.09E-12	1	2221.117	1.73	Visceras	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_70020	VPYYSLPEEYKGNQLK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	70	1.49E-06	1	1927.980	0.2	Ovary	2R:+:41196390-41196437;2R:+:41196390-41196437;2R:+:41196390-41196437	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_70095	YDCTLSQPDQSFDCRECDVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl),C14(Carbamidomethyl),C17(Carbamidomethyl)	55	5.49E-06	1	2551.027	-0.45	Ovary	2R:+:41198357-41198416;2R:+:41198357-41198416;2R:+:41198357-41198416	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_70150	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	121	1.45E-11	1	1816.912	2.21	Visceras	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_70552	VVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	7.90E-06	2	943.558	0.61	Salivary gland	2R:+:41194801-41194824;2R:+:41194801-41194824;2R:+:41194801-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_70687	EYYDDGTYAVPLVEHNWIVINR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	74	6.48E-07	1	2666.299	3.98	Ovary	2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_71090	LPPTRPPGPSSQPIAYTYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	31	0.00470732	1	2070.115	6.48	Ovary	2R:+:41202783-41202839;2R:+:41202783-41202839;2R:+:41202783-41202839	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_71099	GDMLTVLSNLEHILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	98	1.09E-09	1	1839.999	-0.23	Salivary gland	2R:+:41199038-41199085;2R:+:41199038-41199085;2R:+:41199038-41199085	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_71347	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	102	8.63E-10	1	2307.098	2.13	Head	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_71930	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	103	6.70E-10	1	1353.677	0.58	Male reproductive organs	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA

JHU_Ag_72088	SCYLDSR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	37	0.000724511	1	900.390	2.07	Malpighian tubule	2R:+:41197079-41197099;2R:+:41197079-41197099;2R:+:41197079-41197099	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_72165	DLCEPNQFK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	37	0.002174746	2	1150.519	-0.71	Head	2R:+:41195418-41195444;2R:+:41195418-41195444;2R:+:41195418-41195444	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_72190	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	80	8.31E-08	2	1357.772	2.14	Pupa	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_72196	NHVSVSLLPGNWVRPDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated)	70	1.24E-06	1	1946.030	-2.65	Midgut	2R:+:41196656-41196706;2R:+:41196656-41196706;2R:+:41196656-41196706	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_72342	SFQCDTHPDCQDK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	72	8.02E-08	1	1637.639	4.21	Larva	2R:+:41195601-41195639;2R:+:41195601-41195639;2R:+:41195601-41195639	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_72359	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated)	103	6.86E-10	1	1354.657	-2.31	Midgut	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA
JHU_Ag_72714	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	80	7.46E-08	1	1156.649	1.17	Malpighian tubule	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_72746	GVVVCNCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	39	0.001247718	2	963.448	-2.53	Head	2R:+:41199430-41199453;2R:+:41199430-41199453;2R:+:41199430-41199453	exon=> In CDS Exon 33 of transcript AGAP003656-PB;exon=> In CDS Exon 34 of transcript AGAP003656-PC;exon=> In CDS Exon 34 of transcript AGAP003656-PA

JHU_Ag_72938	EYYDDGTYAVPLVEHNWIVINR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	76	3.90E-07	1	2666.289	0.27	Midgut	2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_72956	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	94	6.37E-09	2	1578.790	1.57	Visceras	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_73028	QLPSNADVRNEMLIIEHASQENTGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	59	1.80E-05	1	2822.386	0.32	Midgut	2R:+:41201372-41201446;2R:+:41201372-41201446;2R:+:41201372-41201446	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_73729	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	44	0.000426758	2	1014.511	-0.74	Visceras	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_73772	SYGGSIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	38	0.001119925	2	739.374	1.39	Malpighian tubule	2R:+:41196438-41196458;2R:+:41196438-41196458;2R:+:41196438-41196458	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_74003	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	77	3.45E-07	2	1816.912	2.47	Pupa	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_74116	TSTVDVVIADNNVLPPSNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	44	0.000409204	2	1983.042	1.15	Ovary	2R:+:41201486-41201541,41201620;2R:+:41201486-41201541,41201620;2R:+:41201486-41201541,41201620	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA
JHU_Ag_74129	KDNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	79	1.11E-07	1	2059.097	-0.01	Midgut	2R:+:41203185-41203238;2R:+:41203185-41203238;2R:+:41203185-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_74243	TNSPISPYGSNTHSVSIVEDEWQNYED GNAATR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	55	2.53E-05	1	3638.627	0.12	Pupa	2R:+:41197868-41197966;2R:+:41197868-41197966;2R:+:41197868-41197966	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_74484	YDCTLSQPDQSFDCRECDVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl), C17(Carbamidomethyl)	93	1.05E-09	1	2551.043	5.58	Malpighian tubule	2R:+:41198357-41198416;2R:+:41198357-41198416;2R:+:41198357-41198416	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_74864	NHVSVSLLPGNWVRPDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	70	1.13E-06	1	1946.035	-0.21	Salivary gland	2R:+:41196656-41196706;2R:+:41196656-41196706;2R:+:41196656-41196706	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_74965	TSTVDVVIADNNVLPPSNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	74	4.27E-07	2	1983.037	-1.07	Head	2R:+:41201486-41201541,41201620;2R:+:41201486-41201541,41201620;2R:+:41201486-41201541,41201620	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA
JHU_Ag_75169	ATYNTVSNEAALSYVSLDIAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	44	0.000590454	3	2258.138	3.43	Pupa	2R:+:41198015-41198077;2R:+:41198015-41198077;2R:+:41198015-41198077	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_75170	DLCEPNQFK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	46	0.000248313	2	1150.522	1.84	Larva	2R:+:41195418-41195444;2R:+:41195418-41195444;2R:+:41195418-41195444	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_75726	SFQCDTHPDCQDK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	53	5.08E-06	1	1637.628	-2.42	Pupa	2R:+:41195601-41195639;2R:+:41195601-41195639;2R:+:41195601-41195639	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_75788	GNGMSLVHWHSGTFYPDIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N2(Deamidated), M4(Oxidation),M4(Oxidation),N2(Deamidated)	105	4.60E-10	1	2162.012	-0.21	Midgut	2R:+:41196599-41196655;2R:+:41196599-41196655;2R:+:41196599-41196655	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_75958	YYCHVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	36	0.001693642	1	897.403	-0.51	Midgut	2R:+:41203272-41203289;2R:+:41203272-41203289;2R:+:41203272-41203289	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_76315	EELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	128	1.91E-12	1	2177.109	5.56	Head	2R:+:41198591-41198647;2R:+:41198591-41198647;2R:+:41198591-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_76351	QLPSNADVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	6.41E-06	2	999.521	-0.42	Midgut	2R:+:41201372-41201398;2R:+:41201372-41201398;2R:+:41201372-41201398	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_76481	VPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	8.75E-06	1	1387.681	2.2	Visceras	2R:+:41196390-41196422;2R:+:41196390-41196422;2R:+:41196390-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_76493	LPPTRPPGPSSQPIAYTYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	34	0.002864771	1	2070.108	2.76	Malpighian tubule	2R:+:41202783-41202839;2R:+:41202783-41202839;2R:+:41202783-41202839	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_76947	VPYYSLPEEYKGNQLK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	88	2.22E-08	1	1927.985	2.77	Malpighian tubule	2R:+:41196390-41196437;2R:+:41196390-41196437;2R:+:41196390-41196437	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_77030	GDQGIYLGICEPCACNGHSDECDPQTGACINCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C10(Carbamidomethyl),C13(Carbamidomethyl),C15(Carbamidomethyl),N16(Deamidated),C22(Carbamidomethyl),C29(Carbamidomethyl),C32(Carbamidomethyl),"C10(Carbamidomethyl),C13(Carbamidomethyl),C15(Carbamidomethyl),C22(Carbamidomethyl),C29(Carbamidomethyl),C32(Carbamidomethyl)"	86	3.47E-09	1	3784.497	-0.17	Head	2R:+:41198186-41198284;2R:+:41198186-41198284;2R:+:41198186-41198284	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_77039	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation),C11(Carbamidomethyl),C11(Carbamidomethyl)	100	1.10E-09	1	1451.669	1.94	Malpighian tubule	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA

JHU_Ag_77405	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	95	4.97E-09	1	2307.104	4.67	Larva	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_77782	HGVQLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	34	0.001137161	1	709.414	4.53	Ovary	2R:+:41196345-41196362;2R:+:41196345-41196362;2R:+:41196345-41196362	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_77940	EDIMMALASIESILIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M4(Oxidation), M5(Oxidation)	93	5.13E-09	1	1836.954	4.83	Ovary	2R:+:41196722-41196769;2R:+:41196722-41196769;2R:+:41196722-41196769	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_78052	NIELVNVMMDSAAHDDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M8(Oxidation), M9(Oxidation),M8(Oxidation),M9(Oxidation),"N1(Deamidated), M9(Oxidation)"	151	8.59E-15	1	1929.877	-1.2	Midgut	2R:+:41196797-41196847;2R:+:41196797-41196847;2R:+:41196797-41196847	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_78084	DASLEDAGEYECR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	100	2.68E-10	1	1514.608	1.24	Head	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_78184	FTNDAEGVITLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	89	2.35E-08	1	1335.695	3.1	Malpighian tubule	2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347	exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PB;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PC;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PA
JHU_Ag_78285	EYYDDGTYAVPLVEHNWIVINR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	63	7.31E-06	1	2666.291	0.96	Pupa	2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA

JHU_Ag_78599	AYTVVEIDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	41	0.001227098	2	1065.557	-0.8	Visceras	2R:+:41201858-41201882,41202089-41202090;2R:+:41201858-41201882,41202089-41202090;2R:+:41201858-41201882,41202089-41202090	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA
JHU_Ag_78856	DCEDGTDEMDCDNNPPIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl), M9(Oxidation), C11(Carbamidomethyl),"C2(Carbamidomethyl), M9(Oxidation), C11(Carbamidomethyl), N14(Deamidated)","C2(Carbamidomethyl), C11(Carbamidomethyl)","C2(Carbamidomethyl), M9(Oxidation), C11(Carbamidomethyl), N13(Deamidated)"	115	7.57E-13	1	2140.778	1.76	Head	2R:+:41186991-41187024,41187636-41187655;2R:+:41186991-41187024,41187636-41187655;2R:+:41186991-41187024,41187636-41187655	exon=> In CDS Exon 10 and 11 of transcript AGAP003656-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP003656-PC;exon=> In CDS Exon 10 and 11 of transcript AGAP003656-PA
JHU_Ag_78871	NEMLIIEHASQENTGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	127	3.53E-12	1	1857.879	1.7	Head	2R:+:41201399-41201446;2R:+:41201399-41201446;2R:+:41201399-41201446	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_79010	TSTVDVVIADNNVLPPSNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	56	2.35E-05	2	1983.047	3.85	Malpighian tubule	2R:+:41201486-41201541,41201620-41201620;2R:+:41201486-41201541,41201620-41201620;2R:+:41201486-41201541,41201620-41201620	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA
JHU_Ag_79288	DNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	70	1.32E-06	1	1931.013	5.84	Salivary gland	2R:+:41203188-41203238;2R:+:41203188-41203238;2R:+:41203188-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_79336	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	48	0.000233796	2	1077.563	5.19	Ovary	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_79495	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	67	3.40E-06	2	1077.555	-2.17	Midgut	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA

JHU_Ag_79521	IVEIGEDFRADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	88	1.82E-08	1	3365.630	-0.84	Midgut	2R:+:41200555-41200614,41200686-41200712;2R:+:41200555-41200614,41200686-41200712;2R:+:41200555-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_79554	TGQCIDELRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	45	0.000530694	3	1247.615	-1.08	Male reproductive organs	2R:+:41191556-41191585;2R:+:41191556-41191585;2R:+:41191556-41191585	exon=> In CDS Exon 20 of transcript AGAP003656-PB;exon=> In CDS Exon 20 of transcript AGAP003656-PC;exon=> In CDS Exon 20 of transcript AGAP003656-PA
JHU_Ag_79629	STPGSSKVVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	44	0.000286832	2	1587.877	4.33	Malpighian tubule	2R:+:41194780-41194824;2R:+:41194780-41194824;2R:+:41194780-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_80206	AILGEQAHLMCNEEFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	75	4.20E-07	1	1933.889	-0.27	Head	2R:+:41202840-41202887;2R:+:41202840-41202887;2R:+:41202840-41202887	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_80214	ASSGTEVVYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	53	4.75E-05	1	1040.529	2.72	Larva	2R:+:41200809-41200838;2R:+:41200809-41200838;2R:+:41200809-41200838	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_80217	VPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	75	4.50E-07	1	1387.674	-2.91	Midgut	2R:+:41196390-41196422;2R:+:41196390-41196422;2R:+:41196390-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_80288	KDNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	47	0.000155353	1	2059.109	5.85	Head	2R:+:41203185-41203238;2R:+:41203185-41203238;2R:+:41203185-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_80510	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	77	3.56E-07	1	1276.631	-0.45	Male reproductive organs	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_80644	KDNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	59	1.04E-05	1	2059.100	1.14	Visceras	2R:+:41203185-41203238;2R:+:41203185-41203238;2R:+:41203185-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_80886	NHVSVSLLPGNWVRPDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	76	2.89E-07	1	1946.038	1.3	Head	2R:+:41196656-41196706;2R:+:41196656-41196706;2R:+:41196656-41196706	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_80905	SCYLDSR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	36	0.000799917	2	900.387	-0.98	Salivary gland	2R:+:41197079-41197099;2R:+:41197079-41197099;2R:+:41197079-41197099	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_81049	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	96	4.10E-09	1	1816.909	1	Male reproductive organs	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_81661	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	88	2.07E-08	1	1353.677	0.67	Visceras	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA
JHU_Ag_81957	VFEWQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	47	0.000201432	2	1024.468	0.96	Malpighian tubule	2R:+:41189461-41189481;2R:+:41189461-41189481;2R:+:41189461-41189481	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA
JHU_Ag_82054	SDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	68	1.95E-06	1	1416.763	2.62	Malpighian tubule	2R:+:41202912-41202950;2R:+:41202912-41202950;2R:+:41202912-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_82145	NPVIEVVINVPSIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	90	1.53E-09	2	1520.905	-0.09	Midgut	2R:+:41200513-41200554;2R:+:41200513-41200554;2R:+:41200513-41200554	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_82146	NDQGFGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	36	0.002217246	1	793.363	5.73	Ovary	2R:+:41195892-41195912;2R:+:41195892-41195912;2R:+:41195892-41195912	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_82331	EGSFGLGTQHETGCVECFCSGVTK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	139	7.50E-14	1	2647.132	3.63	Midgut	2R:+:41198492-41198563;2R:+:41198492-41198563;2R:+:41198492-41198563	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_82532	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	49	0.000166168	1	1030.569	1.29	Pupa	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_82628	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	35	0.005152738	2	1077.557	-0.58	Head	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_82664	TNSPISPYGSNTHSVSIVEDEWQNYEDGNAATR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Q23(Deamidated),N11(Deamidated),N2(Deamidated)	93	4.63E-09	1	3638.626	-0.28	Midgut	2R:+:41197868-41197966;2R:+:41197868-41197966;2R:+:41197868-41197966	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_82921	DIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl),C7(Carbamidomethyl),C9(Carbamidomethyl)	84	3.50E-08	1	1670.736	1.37	Malpighian tubule	2R:+:41197022-41197066;2R:+:41197022-41197066;2R:+:41197022-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_83541	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	93	7.18E-09	1	1276.633	1.37	Visceras	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_84030	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	88	2.40E-08	1	1353.682	4.46	Ovary	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA
JHU_Ag_84152	NIELVNVMMDSAAHDDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M8(Oxidation),M9(Oxidation)	59	1.33E-05	1	1961.876	3.25	Larva	2R:+:41196797-41196847;2R:+:41196797-41196847;2R:+:41196797-41196847	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_84631	DLCEPNQFK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	47	0.000224 03	1	1150.519	-0.39	Salivary gland	2R:+:41195418-41195444;2R:+:41195418-41195444;2R:+:41195418-41195444	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA

JHU_Ag_84705	EYYDDGTYAVPLVEHNWIVINRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	38	0.00224867	1	2822.397	2.61	Pupa	2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_84932	YHQASLGAAIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	35	0.00538076	1	1186.632	-0.75	Pupa	2R:+:41203489-41203521;2R:+:41203489-41203521;2R:+:41203489-41203521	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_84993	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	151	1.29E-14	1	2221.116	0.98	Malpighian tubule	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_85109	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	99	8.42E-10	1	1871.020	1.91	Malpighian tubule	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_85152	ERECQPGYYGDPNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	44	0.000174325	3	1740.740	0.22	Salivary gland	2R:+:41196980-41197021;2R:+:41196980-41197021;2R:+:41196980-41197021	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_85311	RSDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	56	2.19E-05	1	1572.860	-0.58	Midgut	2R:+:41202909-41202950;2R:+:41202909-41202950;2R:+:41202909-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_85351	SGFSLISDYTNPSIVANALPVSNREIVYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	107	1.27E-10	1	3182.662	4.22	Malpighian tubule	2R:+:41197430-41197516;2R:+:41197430-41197516;2R:+:41197430-41197516	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_85380	EGYSGDNCDNQLDTRPTVPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C8(Carbamidomethyl)	133	4.96E-13	1	2391.068	1.94	Head	2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512	exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PB;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PC;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PA

JHU_Ag_85656	YSCTAYFPNGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	72	4.82E-07	2	1335.579	0.35	Head	2R:+:41201447-41201479;2R:+:41201447-41201479;2R:+:41201447-41201479	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_85910	QVTINVSK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	40	0.001474894	1	888.515	-0.4	Midgut	2R:+:41200839-41200860,41200941-41200942;2R:+:41200839-41200860,41200941-41200942	exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PB;exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PC;exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PA
JHU_Ag_85934	LTNLVPGRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	30	0.00326639	2	1025.623	1.21	Midgut	2R:+:41196363-41196389;2R:+:41196363-41196389	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_86608	YHQASLGAAIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	52	8.90E-05	1	1186.633	0.28	Ovary	2R:+:41203489-41203521;2R:+:41203489-41203521;2R:+:41203489-41203521	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_86715	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	69	8.92E-07	1	1144.667	1.64	Salivary gland	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_86931	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	97	3.03E-09	1	1353.678	1.49	Pupa	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA
JHU_Ag_87525	TKTSTVDVVIADNNVLPPSNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	34	0.00334038	2	2212.182	0.06	Midgut	2R:+:41201480-41201541,41201620-41201620;2R:+:41201480-41201541,41201620-41201620;2R:+:41201480-41201541,41201620-41201620	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA

JHU_Ag_87583	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	42	0.000749872	2	1014.511	-0.38	Pupa	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_88138	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	71	6.03E-07	1	1871.017	0.47	Male reproductive organs	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_88351	YTPHSSGGISR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	40	0.001694761	1	1161.565	-0.1	Midgut	2R:+:41197693-41197725;2R:+:41197693-41197725;2R:+:41197693-41197725	exon=> In CDS Exon 30 of transcript AGAP003656-PB;exon=> In CDS Exon 31 of transcript AGAP003656-PC;exon=> In CDS Exon 31 of transcript AGAP003656-PA
JHU_Ag_88415	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	68	2.58E-06	2	1834.889	4.03	Larva	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_88720	LPDSAYTDGGTLVITNIQIKDGGLYVCK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C27(Carbamidomethyl)	140	9.10E-14	1	3011.555	5.02	Malpighian tubule	2R:+:41200725-41200808;2R:+:41200725-41200808;2R:+:41200725-41200808	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_88841	SGFSLISDYTNPSIVANALPVSNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	1.46E-05	2	2522.312	9.19	Larva	2R:+:41197430-41197501;2R:+:41197430-41197501;2R:+:41197430-41197501	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_88911	EGYSGDNCDNQLDTRPTVPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C8(Carbamidomethyl)	134	4.44E-13	1	2391.074	4.7	Midgut	2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512;2R:+:41199454-41199484,41200481-41200512	exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PB;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PC;exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PA
JHU_Ag_89107	ITENDEFTIHCSATGKPAPMVTLLPPPGASR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), M20(Oxidation)"	72	8.06E-07	1	3323.637	-0.79	Midgut	2R:+:41202480-41202572;2R:+:41202480-41202572;2R:+:41202480-41202572	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_89116	NEMLIIEHASQENTGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	83	8.26E-08	1	1857.883	3.5	Ovary	2R:+:41201399-41201446;2R:+:41201399-41201446;2R:+:41201399-41201446	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_89266	EVTLYLHQAELNDAGTYECTAK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C19(Carbamidomethyl)	82	7.96E-08	2	2526.187	2.19	Midgut	2R:+:41202606-41202671;2R:+:41202606-41202671;2R:+:41202606-41202671	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA

JHU_Ag_89896	AILGEQAHLMCNEEFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl),"M10(Oxidation),C11(Carbamidomethyl)"	82	9.66E-08	1	1917.897	1.02	Midgut	2R:+:41202840-41202887;2R:+:41202840-41202887;2R:+:41202840-41202887	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_89908	SCYLDSRDNVVCQCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl),C12(Carbamidomethyl),C14(Carbamidomethyl)	63	1.73E-06	1	2046.848	2.38	Malpighian tubule	2R:+:41197079-41197126;2R:+:41197079-41197126;2R:+:41197079-41197126	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_90216	DNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	77	2.51E-07	2	1931.004	0.72	Visceras	2R:+:41203188-41203238;2R:+:41203188-41203238;2R:+:41203188-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_90267	GNGMSLVHWHSGTFYPDIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M4(Oxidation)	62	9.99E-06	1	2162.012	-0.16	Head	2R:+:41196599-41196655;2R:+:41196599-41196655;2R:+:41196599-41196655	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_90871	DTIHASFADGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	40	0.001045665	1	1189.563	2.41	Larva	2R:+:41197397-41197429;2R:+:41197397-41197429;2R:+:41197397-41197429	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_90879	NIELVNVMMDSAAHDDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M8(Oxidation),M9(Oxidation)	84	3.87E-08	1	1961.872	1.46	Head	2R:+:41196797-41196847;2R:+:41196797-41196847;2R:+:41196797-41196847	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_90896	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl),C7(Carbamidomethyl)	88	3.61E-09	1	1565.636	-0.26	Visceras	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_90912	CYCKPGIEGTYCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl),C3(Carbamidomethyl),C12(Carbamidomethyl)	53	1.33E-05	1	1778.725	-2.4	Midgut	2R:+:41197259-41197300;2R:+:41197259-41197300;2R:+:41197259-41197300	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_91087	HGVQLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	39	0.000362929	1	709.412	1.94	Malpighian tubule	2R:+:41196345-41196362;2R:+:41196345-41196362;2R:+:41196345-41196362	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_91487	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	117	3.68E-11	1	1816.910	1.53	Head	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_91585	TNSPISPYGSNTHSVSIVEDEWQNYEDGNAATR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	78	1.36E-07	1	3638.624	-0.68	Visceras	2R:+:41197868-41197966;2R:+:41197868-41197966;2R:+:41197868-41197966	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_91840	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	87	4.88E-09	1	1565.643	4.42	Larva	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_91975	DLCEPNQFK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	50	0.000126764	1	1150.521	1.26	Midgut	2R:+:41195418-41195444;2R:+:41195418-41195444;2R:+:41195418-41195444	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_92116	LPDSAYTDGGTLVITNIQIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	145	2.18E-14	1	2119.130	0.93	Head	2R:+:41200725-41200784;2R:+:41200725-41200784;2R:+:41200725-41200784	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_92216	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	109	1.91E-10	2	1578.789	0.87	Salivary gland	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_92245	GVVVCNCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	45	0.000359587	1	963.452	1.97	Malpighian tubule	2R:+:41199430-41199453;2R:+:41199430-41199453;2R:+:41199430-41199453	exon=> In CDS Exon 33 of transcript AGAP003656-PB;exon=> In CDS Exon 34 of transcript AGAP003656-PC;exon=> In CDS Exon 34 of transcript AGAP003656-PA
JHU_Ag_92256	NFGASDDTFYWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	76	1.39E-07	1	1478.637	2.24	Visceras	2R:+:41197517-41197552;2R:+:41197517-41197552;2R:+:41197517-41197552	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_92318	DIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	56	2.61E-05	2	1670.738	2.83	Ovary	2R:+:41197022-41197066;2R:+:41197022-41197066;2R:+:41197022-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_92474	YYCHVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	33	0.003410528	1	897.402	-1.67	Head	2R:+:41203272-41203289;2R:+:41203272-41203289;2R:+:41203272-41203289	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_92635	DASLEDAGEYECR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C12(Carbamidomethyl)	91	1.92E-09	1	1514.609	1.64	Malpighian tubule	2R:+:41202348-41202386;2R:+:41202348-41202386;2R:+:41202348-41202386	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_92812	GTSCEQCEDLHYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	51	2.37E-05	2	1654.659	0.38	Salivary gland	2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA

JHU_Ag_92872	ECQPGYYGDPNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	40	0.000407178	2	1455.596	0.3	Salivary gland	2R:+:41196986-41197021;2R:+:41196986-41197021;2R:+:41196986-41197021	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_92986	ASSGTEVVYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	56	2.30E-05	1	1040.528	2.02	Malpighian tubule	2R:+:41200809-41200838;2R:+:41200809-41200838;2R:+:41200809-41200838	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_93019	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl),"M10(Oxidation),C11(Carbamidomethyl)"	87	2.48E-08	1	1451.668	1.26	Visceras	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_93486	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	91	1.19E-08	1	2221.115	0.57	Male reproductive organs	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_93722	NIELVNVMMDSAAHDDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M8(Oxidation),M9(Oxidation)	41	0.000741208	1	1961.875	3.07	Malpighian tubule	2R:+:41196797-41196847;2R:+:41196797-41196847;2R:+:41196797-41196847	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_94135	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl),C7(Carbamidomethyl)	88	3.66E-09	1	1565.637	0.52	Head	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_94166	LSDITLGTAIPTRTPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C24(Carbamidomethyl),"M23(Oxidation),C24(Carbamidomethyl)"	86	2.36E-08	1	2806.427	5.42	Malpighian tubule	2R:+:41199119-41199193;2R:+:41199119-41199193;2R:+:41199119-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_94273	AWPVEQCQCPTGHIGLSCEDCAPGYYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl),C9(Carbamidomethyl),C18(Carbamidomethyl),C21(Carbamidomethyl)	86	8.98E-09	1	3183.336	-2.1	Midgut	2R:+:41198105-41198185;2R:+:41198105-41198185;2R:+:41198105-41198185	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_94607	AWPVEQCQCPTGHIGLSCEDCAPGYYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl),C9(Carbamidomethyl),C18(Carbamidomethyl),C21(Carbamidomethyl)	78	6.75E-08	1	3183.345	0.66	Visceras	2R:+:41198105-41198185;2R:+:41198105-41198185;2R:+:41198105-41198185	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_94716	QNSGPWLGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	62	6.56E-06	2	1014.513	1.07	Malpighian tubule	2R:+:41196941-41196967;2R:+:41196941-41196967;2R:+:41196941-41196967	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_94796	VYDCLDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	30	0.006642075	1	940.419	-0.22	Midgut	2R:+:41185011-41185031;2R:+:41185011-41185031;2R:+:41185011-41185031	exon=> In CDS Exon 6 of transcript AGAP003656-PB;exon=> In CDS Exon 6 of transcript AGAP003656-PC;exon=> In CDS Exon 6 of transcript AGAP003656-PA

JHU_Ag_94874	SCYLDSR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	28	0.00549934	2	900.388	-0.44	Head	2R:+:41197079-41197099;2R:+:41197079-41197099;2R:+:41197079-41197099	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_95000	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	93	7.63E-09	1	1524.783	1.28	Malpighian tubule	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_95099	NFAINPSINEISYTFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	83	7.66E-08	2	1885.950	2.93	Pupa	2R:+:41198672-41198719;2R:+:41198672-41198719;2R:+:41198672-41198719	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_95758	LPAGAPYVNVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	49	0.00010751	1	1156.649	1.07	Salivary gland	2R:+:41203534-41203566;2R:+:41203534-41203566;2R:+:41203534-41203566	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_95790	SYGGSIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	36	0.00174985	2	739.372	-1.5	Head	2R:+:41196438-41196458;2R:+:41196438-41196458;2R:+:41196438-41196458	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_95838	SAGLLGACKPCPCNYENADSCQMDNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl), C21(Carbamidomethyl), M23(Oxidation)	116	6.52E-12	1	3004.223	3.91	Larva	2R:+:41199352-41199429;2R:+:41199352-41199429;2R:+:41199352-41199429	exon=> In CDS Exon 33 of transcript AGAP003656-PB;exon=> In CDS Exon 34 of transcript AGAP003656-PC;exon=> In CDS Exon 34 of transcript AGAP003656-PA
JHU_Ag_95912	GFTGNCQR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	48	9.34E-05	2	939.412	1.6	Malpighian tubule	2R:+:41198417-41198440;2R:+:41198417-41198440;2R:+:41198417-41198440	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_96045	DSPYATGAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	70	9.06E-07	2	937.438	0.2	Salivary gland	2R:+:41198078-41198104;2R:+:41198078-41198104;2R:+:41198078-41198104	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_96124	RGDVGPHDDDDRPPSYYPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	100	1.16E-09	1	2311.057	3.37	Ovary	2R:+:41202723-41202782;2R:+:41202723-41202782;2R:+:41202723-41202782	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_96131	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	94	6.99E-09	1	1276.631	-0.06	Midgut	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA

JHU_Ag_96415	NQFGETEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	57	1.65E-05	1	952.437	0.11	Midgut	2R:+:41203290-41203313;2R:+:41203290-41203313;2R:+:41203290-41203313	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_96566	EGSFGLGTQHETGCVECFCSGVTK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	116	1.27E-11	1	2647.125	0.95	Head	2R:+:41198492-41198563;2R:+:41198492-41198563;2R:+:41198492-41198563	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_96831	NEMLIIEHASQENTGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M3(Oxidation)	122	1.09E-11	1	1841.876	-2.7	Midgut	2R:+:41201399-41201446;2R:+:41201399-41201446;2R:+:41201399-41201446	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_96851	RSDGRPLPYGSIVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	64	3.84E-06	1	1572.860	-0.35	Visceras	2R:+:41202909-41202950;2R:+:41202909-41202950;2R:+:41202909-41202950	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_96930	RGDVGPHDDDDRPPSYYPPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	85	3.84E-08	1	2311.046	-1.17	Midgut	2R:+:41202723-41202782;2R:+:41202723-41202782;2R:+:41202723-41202782	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_96977	ESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	39	0.001368325	2	1267.576	1.67	Ovary	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_97055	TNSPISPYGSNTHSVSIVEDEWQNYEDGNAATR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	115	2.91E-11	1	3638.630	1.03	Head	2R:+:41197868-41197966;2R:+:41197868-41197966;2R:+:41197868-41197966	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_97279	YSCTAYFPNGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), N9(Deamidated)	60	4.13E-06	2	1336.560	-1.93	Pupa	2R:+:41201447-41201479;2R:+:41201447-41201479;2R:+:41201447-41201479	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA

JHU_Ag_97401	GTSCEQCEDLHYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	86	7.36E-09	1	1654.661	1.34	Pupa	2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_97609	AILGEQAHLMCNEEFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	47	0.000295317	1	1933.892	1.34	Male reproductive organs	2R:+:41202840-41202887;2R:+:41202840-41202887;2R:+:41202840-41202887	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_97917	NFAINPSINEISYTFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	136	4.67E-13	1	1885.948	1.83	Malpighian tubule	2R:+:41198672-41198719;2R:+:41198672-41198719;2R:+:41198672-41198719	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_98613	TSTVDVVIADNNVLPPSNKVAPR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	107	9.56E-11	1	2406.310	4.63	Malpighian tubule	2R:+:41201486-41201541,41201620-41201632;2R:+:41201486-41201541,41201620-41201632;2R:+:41201486-41201541,41201620-41201632	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA
JHU_Ag_98749	MQYVDGIER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	59	1.85E-05	2	1110.524	-1.14	Visceras	2R:+:41196770-41196796;2R:+:41196770-41196796;2R:+:41196770-41196796	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_99347	EGSFGLGTQHETGCVECFCSGVTK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	117	1.06E-11	1	2647.127	1.65	Salivary gland	2R:+:41198492-41198563;2R:+:41198492-41198563;2R:+:41198492-41198563	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_99355	LPDSAYTDGGTLVITNIQIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	67	1.39E-06	1	2119.140	5.65	Pupa	2R:+:41200725-41200784;2R:+:41200725-41200784;2R:+:41200725-41200784	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA

JHU_Ag_99397	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	92	9.16E-09	1	1353.675	-0.5	Salivary gland	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA
JHU_Ag_99557	GNGQPLPPGTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N2(Deamidated)	44	0.000756353	1	1094.556	-2.3	Midgut	2R:+:41194576-41194608;2R:+:41194576-41194608;2R:+:41194576-41194608	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_99751	ECQPGYYGDPNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	64	1.39E-06	2	1455.594	-1.04	Midgut	2R:+:41196986-41197021;2R:+:41196986-41197021;2R:+:41196986-41197021	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_99899	NDQGFGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	40	0.001229069	2	793.361	3.04	Malpighian tubule	2R:+:41195892-41195912;2R:+:41195892-41195912;2R:+:41195892-41195912	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_99927	DKCSIYEFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	71	5.19E-07	2	1505.651	-0.19	Midgut	2R:+:41184936-41184968;2R:+:41184936-41184968;2R:+:41184936-41184968	exon=> In CDS Exon 6 of transcript AGAP003656-PB;exon=> In CDS Exon 6 of transcript AGAP003656-PC;exon=> In CDS Exon 6 of transcript AGAP003656-PA
JHU_Ag_100253	SCYLDSR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	33	0.001443438	2	900.391	3.83	Larva	2R:+:41197079-41197099;2R:+:41197079-41197099;2R:+:41197079-41197099	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_100328	LPNQFLGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	53	6.20E-05	1	1030.569	0.94	Visceras	2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653;2R:+:41197553-41197563,41197638-41197653	exon=> In CDS Exon 29 and 30 of transcript AGAP003656-PB;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PC;exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PA
JHU_Ag_100413	YHQASLGAAIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	47	0.000270565	1	1186.636	2.44	Salivary gland	2R:+:41203489-41203521;2R:+:41203489-41203521;2R:+:41203489-41203521	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA

JHU_Ag_100629	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	87	3.41E-08	2	1276.635	2.61	Larva	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_100774	DNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	108	2.18E-10	1	1931.002	-0.23	Midgut	2R:+:41203188-41203238;2R:+:41203188-41203238;2R:+:41203188-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_100971	QDCADNSDENGCSHK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	35	0.000113519	2	1736.633	5.42	Head	2R:+:41195373-41195417;2R:+:41195373-41195417;2R:+:41195373-41195417	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_101139	SAGLLGACKPCPCNYENADSCQMDNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl), C21(Carbamidomethyl),"C8(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl), C21(Carbamidomethyl), M23(Oxidation)"	121	2.00E-12	1	3004.211	0.01	Midgut	2R:+:41199352-41199429;2R:+:41199352-41199429;2R:+:41199352-41199429	exon=> In CDS Exon 33 of transcript AGAP003656-PB;exon=> In CDS Exon 34 of transcript AGAP003656-PC;exon=> In CDS Exon 34 of transcript AGAP003656-PA
JHU_Ag_101387	EYYDDGTYAVPLVEHNWIVINRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N16(Deamidated),N21(Deamidated)	98	1.93E-09	1	2822.389	-0.35	Midgut	2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016;2R:+:41198885-41198902,41198966-41199016	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_101480	ERECQPGYYGDPNR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl)	51	3.24E-05	1	1740.739	-0.51	Midgut	2R:+:41196980-41197021;2R:+:41196980-41197021;2R:+:41196980-41197021	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_101530	EKPVLEIYPSEPQTIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	90	6.97E-09	1	1871.020	2.04	Visceras	2R:+:41202094-41202141;2R:+:41202094-41202141;2R:+:41202094-41202141	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA

JHU_Ag_101544	GTSCEQCEDLHYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	97	3.48E-10	1	1654.652	-3.83	Head	2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_101602	GLGSASLVEQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C11(Carbamidomethyl)	63	7.92E-06	2	1276.633	1.08	Pupa	2R:+:41196848-41196883;2R:+:41196848-41196883;2R:+:41196848-41196883	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_102067	AILGEQAHLMCNEEFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	53	8.31E-05	1	1933.897	4.03	Salivary gland	2R:+:41202840-41202887;2R:+:41202840-41202887;2R:+:41202840-41202887	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_102225	HGVQLRLTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	55	5.62E-06	1	1559.919	3.91	Malpighian tubule	2R:+:41196345-41196386;2R:+:41196345-41196386;2R:+:41196345-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_102387	CSPTAQVVWSK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl)	75	5.46E-07	1	1262.621	0.55	Salivary gland	2R:+:41201327-41201359;2R:+:41201327-41201359;2R:+:41201327-41201359	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_102639	YHQASLGAAIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	75	4.92E-07	1	1186.632	-1.06	Head	2R:+:41203489-41203521;2R:+:41203489-41203521;2R:+:41203489-41203521	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_102757	ASAGVPYPSITWVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	64	5.71E-06	1	1503.805	6.38	Malpighian tubule	2R:+:41202172-41202213;2R:+:41202172-41202213;2R:+:41202172-41202213	exon=> In CDS Exon 38 of transcript AGAP003656-PB;exon=> In CDS Exon 39 of transcript AGAP003656-PC;exon=> In CDS Exon 39 of transcript AGAP003656-PA
JHU_Ag_102853	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	66	3.56E-06	1	1077.559	1.68	Malpighian tubule	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_102917	LSDITLGTAIPTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	83	4.52E-08	2	1357.769	0.62	Male reproductive organs	2R:+:41199119-41199157;2R:+:41199119-41199157;2R:+:41199119-41199157	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_102939	QDCADNSDENGCSHK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), N10(Deamidated), C12(Carbamidomethyl)	23	0.001089005	3	1737.608	0.17	Ovary	2R:+:41195373-41195417;2R:+:41195373-41195417;2R:+:41195373-41195417	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA

JHU_Ag_103067	IDHNGEYICEAVGYPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	105	3.21E-10	1	1864.853	-0.15	Visceras	2R:+:41194732-41194779;2R:+:41194732-41194779;2R:+:41194732-41194779	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_103158	DGGLYVCK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl)	46	0.000191054	1	911.429	-0.45	Malpighian tubule	2R:+:41200785-41200808;2R:+:41200785-41200808;2R:+:41200785-41200808	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_103228	DTIHASFADGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	2.03E-05	1	1189.565	4.63	Malpighian tubule	2R:+:41197397-41197429;2R:+:41197397-41197429;2R:+:41197397-41197429	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_103414	TSTVDVVIADNNVLPPSNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N12(Deamidated),N11(Deamidated)	77	2.04E-07	2	1983.041	0.71	Midgut	2R:+:41201486-41201541,41201620-41201620;2R:+:41201486-41201541,41201620-41201620;2R:+:41201486-41201541,41201620-41201620	exon=> In CDS Exon 36 and 37 of transcript AGAP003656-PB;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PC;exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PA
JHU_Ag_103654	EYYDDGTYAVPLVEHNWIVINR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	100	1.31E-09	1	2666.292	1.23	Head	2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013;2R:+:41198885-41198902,41198966-41199013	exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PB;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PC;exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PA
JHU_Ag_103734	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	136	3.19E-13	1	2221.124	4.53	Ovary	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_103814	NSSPDVVLHSGNK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	92	8.17E-09	1	1353.681	3.74	Malpighian tubule	2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846;2R:+:41197726-41197755,41197838-41197846	exon=> In CDS Exon 30 and 31 of transcript AGAP003656-PB;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PC;exon=> In CDS Exon 31 and 32 of transcript AGAP003656-PA

JHU_Ag_103933	YDCTLSQPDQSFDCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	92	1.52E-09	2	1891.758	-0.39	Pupa	2R:+:41198357-41198401;2R:+:41198357-41198401;2R:+:41198357-41198401	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_104114	FTNDAEGVITLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	99	2.37E-09	1	1335.699	6.11	Ovary	2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347;2R:+:41202241-41202269,41202341-41202347	exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PB;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PC;exon=> In CDS Exon 39 and 40 of transcript AGAP003656-PA
JHU_Ag_104819	RVPYYSLPEEYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	53	7.99E-05	1	1543.782	2.02	Malpighian tubule	2R:+:41196387-41196422;2R:+:41196387-41196422;2R:+:41196387-41196422	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_104856	YHQASLGAAIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	70	1.54E-06	1	1186.630	-2.19	Malpighian tubule	2R:+:41203489-41203521;2R:+:41203489-41203521;2R:+:41203489-41203521	exon=> In CDS Exon 40 of transcript AGAP003656-PB;exon=> In CDS Exon 41 of transcript AGAP003656-PC;exon=> In CDS Exon 41 of transcript AGAP003656-PA
JHU_Ag_105053	VFEWQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	46	0.000285226	2	1024.466	-1.18	Head	2R:+:41189461-41189481;2R:+:41189461-41189481;2R:+:41189461-41189481	exon=> In CDS Exon 15 of transcript AGAP003656-PB;exon=> In CDS Exon 15 of transcript AGAP003656-PC;exon=> In CDS Exon 15 of transcript AGAP003656-PA
JHU_Ag_105461	GTSCEQCEDLHYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	99	2.85E-10	1	1654.658	-0.58	Midgut	2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336;2R:+:41199212-41199226,41199313-41199336	exon=> In CDS Exon 32 and 33 of transcript AGAP003656-PB;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PC;exon=> In CDS Exon 33 and 34 of transcript AGAP003656-PA
JHU_Ag_105825	LPDSAYTDGGTLVITNIQIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	156	1.99E-15	2	2119.130	0.81	Midgut	2R:+:41200725-41200784;2R:+:41200725-41200784;2R:+:41200725-41200784	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_105978	VDQPLPYHAVTER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	76	3.73E-07	1	1524.781	0.32	Ovary	2R:+:41201066-41201104;2R:+:41201066-41201104;2R:+:41201066-41201104	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA

JHU_Ag_106211	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N1(Deamidated)	133	8.44E-13	1	1834.884	1.43	Visceras	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_106250	NPVIEVVINVPSIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	57	2.49E-06	1	1520.913	5.28	Ovary	2R:+:41200513-41200554;2R:+:41200513-41200554;2R:+:41200513-41200554	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_106608	IFNAQPSNGGVYICVASNEEGMDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	N8(Deamidated),C14(Carbamidomethyl),"Q5(Deamidated),C14(Carbamidomethyl),M22(Oxidation)","C14(Carbamidomethyl),M22(Oxidation)","Q5(Deamidated),C14(Carbamidomethyl)","N3(Deamidated),C14(Carbamidomethyl),M22(Oxidation)","N3(Deamidated),C14(Carbamidomethyl)","N8(Deamidated),C14(Carbamidomethyl),M22(Oxidation)"	74	3.07E-07	2	2645.154	-2.43	Midgut	2R:+:41201786-41201857;2R:+:41201786-41201857;2R:+:41201786-41201857	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_106633	GDQGIYLGICEPCACNGHSDECDPQTGACINCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C10(Carbamidomethyl),C13(Carbamidomethyl),C15(Carbamidomethyl),C22(Carbamidomethyl),C29(Carbamidomethyl),C32(Carbamidomethyl)	64	5.14E-07	1	3784.506	2.35	Visceras	2R:+:41198186-41198284;2R:+:41198186-41198284;2R:+:41198186-41198284	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_106934	VPYYSLPEEYKGNQLK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	73	7.29E-07	1	1927.982	1.15	Salivary gland	2R:+:41196390-41196437;2R:+:41196390-41196437;2R:+:41196390-41196437	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_107046	AYTVVEIDRR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	2.14E-05	1	1221.658	-0.44	Midgut	2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093;2R:+:41201858-41201882,41202089-41202093	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA

JHU_Ag_107159	LTNLVPGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	43	0.000195337	2	869.521	0.49	Visceras	2R:+:41196363-41196386;2R:+:41196363-41196386;2R:+:41196363-41196386	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_107194	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	51	0.000138626	1	1077.556	-1.83	Salivary gland	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_107353	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	145	4.43E-14	1	2221.116	0.98	Salivary gland	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA
JHU_Ag_107391	ESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	65	3.04E-06	2	1267.573	-0.16	Larva	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_107648	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), Q11(Deamidated),C3(Carbamidomethyl)	108	2.38E-10	1	2307.101	3.38	Ovary	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_107686	AILGEQAHLMCNEEFRSTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	41	0.001055782	1	2278.079	3.93	Malpighian tubule	2R:+:41202840-41202896;2R:+:41202840-41202896;2R:+:41202840-41202896	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_107901	DMNGRLEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation), N3(Deamidated)	34	0.005157292	1	1444.724	2.07	Larva	2R:+:41194609-41194644;2R:+:41194609-41194644;2R:+:41194609-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_108188	GVVVCNCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	41	0.000973554	2	963.450	-0.31	Midgut	2R:+:41199430-41199453;2R:+:41199430-41199453;2R:+:41199430-41199453	exon=> In CDS Exon 33 of transcript AGAP003656-PB;exon=> In CDS Exon 34 of transcript AGAP003656-PC;exon=> In CDS Exon 34 of transcript AGAP003656-PA

JHU_Ag_108528	ECQPGYYGDPNRDIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl)	63	2.17E-06	1	3107.314	0.69	Malpighian tubule	2R:+:41196986-41197066;2R:+:41196986-41197066;2R:+:41196986-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_109260	NAAGEDSQYLSLQVDPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	57	3.33E-05	2	1834.889	4.09	Male reproductive organs	2R:+:41202672-41202722;2R:+:41202672-41202722;2R:+:41202672-41202722	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_109365	CYCKPGIEGTYCDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), C12(Carbamidomethyl)	65	1.22E-06	1	1778.736	3.8	Malpighian tubule	2R:+:41197259-41197300;2R:+:41197259-41197300;2R:+:41197259-41197300	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_109384	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Q7(Deamidated),Q8(Deamidated)	126	4.42E-12	2	1578.791	2.19	Midgut	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_109674	ADCTAHHVVSQSPIDVQWTR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	104	5.48E-10	1	2307.104	4.43	Salivary gland	2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712;2R:+:41200582-41200614,41200686-41200712	exon=> In CDS Exon 34 and 35 of transcript AGAP003656-PB;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PC;exon=> In CDS Exon 35 and 36 of transcript AGAP003656-PA
JHU_Ag_109951	SCGSSNLYREELPVIVDAYDNTITLTDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C2(Carbamidomethyl)	136	3.10E-13	1	3201.542	1.56	Midgut	2R:+:41198564-41198647;2R:+:41198564-41198647;2R:+:41198564-41198647	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_110196	ATGVPVPLIVWR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	39	0.000215652	1	1307.784	0.56	Ovary	2R:+:41195817-41195852;2R:+:41195817-41195852;2R:+:41195817-41195852	exon=> In CDS Exon 27 of transcript AGAP003656-PB;exon=> In CDS Exon 28 of transcript AGAP003656-PC;exon=> In CDS Exon 28 of transcript AGAP003656-PA
JHU_Ag_110304	DGGLYVCK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl)	41	0.000569058	2	911.429	-0.58	Pupa	2R:+:41200785-41200808;2R:+:41200785-41200808;2R:+:41200785-41200808	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_110453	NPVIEVVINVPSIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	65	4.24E-07	2	1520.908	2.23	Head	2R:+:41200513-41200554;2R:+:41200513-41200554;2R:+:41200513-41200554	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA

JHU_Ag_110456	LPDSAYTDGGTLVITNIQIK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	151	5.39E-15	1	2119.134	2.65	Ovary	2R:+:41200725-41200784;2R:+:41200725-41200784;2R:+:41200725-41200784	exon=> In CDS Exon 35 of transcript AGAP003656-PB;exon=> In CDS Exon 36 of transcript AGAP003656-PC;exon=> In CDS Exon 36 of transcript AGAP003656-PA
JHU_Ag_110579	NYVVLQGADFSLSCEATGTPYPTVK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C14(Carbamidomethyl)	110	1.46E-10	2	2717.303	-3.6	Head	2R:+:41201651-41201725;2R:+:41201651-41201725;2R:+:41201651-41201725	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_110867	ADNAAGSAILSTTIEVLQPPIIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	30	0.003420976	1	2350.297	-0.29	Head	2R:+:41202387-41202455;2R:+:41202387-41202455;2R:+:41202387-41202455	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_110999	HDEFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C6(Carbamidomethyl)	30	0.002409573	2	991.409	4.06	Malpighian tubule	2R:+:41195559-41195579;2R:+:41195559-41195579;2R:+:41195559-41195579	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_111611	DIPCAPCPCPVAGEK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	63	4.70E-06	1	1670.735	0.71	Visceras	2R:+:41197022-41197066;2R:+:41197022-41197066;2R:+:41197022-41197066	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_112205	DSPYATGAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	43	0.000594083	2	937.442	5.02	Ovary	2R:+:41198078-41198104;2R:+:41198078-41198104;2R:+:41198078-41198104	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_112232	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	150	1.71E-14	1	1816.911	1.6	Salivary gland	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_112411	LEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	31	0.003651343	1	854.510	0.76	Salivary gland	2R:+:41194624-41194644;2R:+:41194624-41194644;2R:+:41194624-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_113273	VEISPSSFDGQPGEVIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	Q11(Deamidated)	146	4.46E-14	1	1816.903	-2.7	Midgut	2R:+:41201264-41201314;2R:+:41201264-41201314;2R:+:41201264-41201314	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_113381	AYTVVEIDR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	50	0.000148036	2	1065.556	-1.83	Malpighian tubule	2R:+:41201858-41201882,41202089-41202090;2R:+:41201858-41201882,41202089-41202090;2R:+:41201858-41201882,41202089-41202090	exon=> In CDS Exon 37 and 38 of transcript AGAP003656-PB;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PC;exon=> In CDS Exon 38 and 39 of transcript AGAP003656-PA

JHU_Ag_113542	QDCADNSDENGCSHK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), N6(Deamidated), N10(Deamidated), C12(Carbamidomethyl),"C3(Carbamidomethyl), N10(Deamidated), C12(Carbamidomethyl)","Q1(Deamidated), C3(Carbamidomethyl), N10(Deamidated), C12(Carbamidomethyl)","C3(Carbamidomethyl), C12(Carbamidomethyl)"	83	8.95E-10	1	1737.607	-0.25	Midgut	2R:+:41195373-41195417;2R:+:41195373-41195417;2R:+:41195373-41195417	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_113575	DTIHASFADGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	58	1.96E-05	1	1189.560	0.63	Midgut	2R:+:41197397-41197429;2R:+:41197397-41197429;2R:+:41197397-41197429	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_113859	LEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	32	0.003114961	2	854.510	0.54	Visceras	2R:+:41194624-41194644;2R:+:41194624-41194644;2R:+:41194624-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_114136	DNLPLPPTVQAYGNYLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	41	0.00094385	1	1931.002	-0.23	Pupa	2R:+:41203188-41203238;2R:+:41203188-41203238;2R:+:41203188-41203238	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_114294	SDNTCIQK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C5(Carbamidomethyl)	42	0.000591515	1	965.440	4.63	Ovary	2R:+:41182810-41182833;2R:+:41182810-41182833;2R:+:41182810-41182833	exon=> In CDS Exon 3 of transcript AGAP003656-PB;exon=> In CDS Exon 3 of transcript AGAP003656-PC;exon=> In CDS Exon 3 of transcript AGAP003656-PA
JHU_Ag_114429	TPYPAVEVEMCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M10(Oxidation), C11(Carbamidomethyl)	36	0.002331311	2	1467.665	3.05	Pupa	2R:+:41199158-41199193;2R:+:41199158-41199193;2R:+:41199158-41199193	exon=> In CDS Exon 32 of transcript AGAP003656-PB;exon=> In CDS Exon 33 of transcript AGAP003656-PC;exon=> In CDS Exon 33 of transcript AGAP003656-PA
JHU_Ag_114438	IMVEVISLPK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	M2(Oxidation)	49	0.000106331	2	1144.664	-0.39	Pupa	2R:+:41203050-41203079;2R:+:41203050-41203079;2R:+:41203050-41203079	exon=> In CDS Exon 39 of transcript AGAP003656-PB;exon=> In CDS Exon 40 of transcript AGAP003656-PC;exon=> In CDS Exon 40 of transcript AGAP003656-PA
JHU_Ag_115044	VVQLTVER	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	55	4.21E-05	2	943.560	2.48	Pupa	2R:+:41194801-41194824;2R:+:41194801-41194824;2R:+:41194801-41194824	exon=> In CDS Exon 25 of transcript AGAP003656-PB;exon=> In CDS Exon 25 of transcript AGAP003656-PC;exon=> In CDS Exon 25 of transcript AGAP003656-PA
JHU_Ag_115085	YDVEYDGTGRPVNAPDVILK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	130	1.66E-12	1	2221.113	-0.17	Midgut	2R:+:41196459-41196518;2R:+:41196459-41196518;2R:+:41196459-41196518	exon=> In CDS Exon 28 of transcript AGAP003656-PB;exon=> In CDS Exon 29 of transcript AGAP003656-PC;exon=> In CDS Exon 29 of transcript AGAP003656-PA

JHU_Ag_115103	QDCADNSDENGCSHK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl), N10(Deamidated), C12(Carbamidomethyl),"C3(Carbamidomethyl), C12(Carbamidomethyl)"	89	4.40E-10	1	1736.626	1.2	Malpighian tubule	2R:+:41195373-41195417;2R:+:41195373-41195417;2R:+:41195373-41195417	exon=> In CDS Exon 26 of transcript AGAP003656-PB;exon=> In CDS Exon 27 of transcript AGAP003656-PC;exon=> In CDS Exon 27 of transcript AGAP003656-PA
JHU_Ag_115262	TFESNVQQSGNVLR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	94	6.17E-09	2	1578.791	2.42	Pupa	2R:+:41201744-41201785;2R:+:41201744-41201785;2R:+:41201744-41201785	exon=> In CDS Exon 37 of transcript AGAP003656-PB;exon=> In CDS Exon 38 of transcript AGAP003656-PC;exon=> In CDS Exon 38 of transcript AGAP003656-PA
JHU_Ag_115518	FSALRQQDAGTYR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	46	0.000389878	1	1512.757	1.36	Malpighian tubule	2R:+:41201117-41201155;2R:+:41201117-41201155;2R:+:41201117-41201155	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_115651	AWPVEQCQCPTGHIGLSCEDCAPGYYK	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C7(Carbamidomethyl), C9(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)	52	2.84E-05	1	3183.343	-0.03	Ovary	2R:+:41198105-41198185;2R:+:41198105-41198185;2R:+:41198105-41198185	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_115806	IVEIGEDFR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	50	0.000173769	2	1077.558	0.44	Pupa	2R:+:41200555-41200581;2R:+:41200555-41200581;2R:+:41200555-41200581	exon=> In CDS Exon 34 of transcript AGAP003656-PB;exon=> In CDS Exon 35 of transcript AGAP003656-PC;exon=> In CDS Exon 35 of transcript AGAP003656-PA
JHU_Ag_116332	YSCTAYFPNGR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C3(Carbamidomethyl)	63	4.10E-06	1	1335.580	1.36	Ovary	2R:+:41201447-41201479;2R:+:41201447-41201479;2R:+:41201447-41201479	exon=> In CDS Exon 36 of transcript AGAP003656-PB;exon=> In CDS Exon 37 of transcript AGAP003656-PC;exon=> In CDS Exon 37 of transcript AGAP003656-PA
JHU_Ag_116465	ESNEVVFQCR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C9(Carbamidomethyl)	63	5.87E-06	1	1267.577	2.82	Head	2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536;2R:+:41193234-41193237,41194511-41194536	exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PB;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PC;exon=> In CDS Exon 23 and 24 of transcript AGAP003656-PA
JHU_Ag_116791	GLSCESCDYGYVR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	85	7.96E-09	1	1565.634	-1.51	Ovary	2R:+:41196902-41196940;2R:+:41196902-41196940;2R:+:41196902-41196940	exon=> In CDS Exon 29 of transcript AGAP003656-PB;exon=> In CDS Exon 30 of transcript AGAP003656-PC;exon=> In CDS Exon 30 of transcript AGAP003656-PA
JHU_Ag_116947	EGTLLESR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	44	0.000752511	2	904.474	0.09	Midgut	2R:+:41198648-41198671;2R:+:41198648-41198671;2R:+:41198648-41198671	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA

JHU_Ag_116980	LEIPNIR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	39	0.000557787	1	854.514	5.26	Ovary	2R:+:41194624-41194644;2R:+:41194624-41194644;2R:+:41194624-41194644	exon=> In CDS Exon 24 of transcript AGAP003656-PB;exon=> In CDS Exon 24 of transcript AGAP003656-PC;exon=> In CDS Exon 24 of transcript AGAP003656-PA
JHU_Ag_117532	ATYNTVSNEAALSYVSLDIAR	AGAP003656-PB,AGAP003656-PC,AGAP003656-PA	-	82	1.11E-07	2	2258.133	1.16	Ovary	2R:+:41198015-41198077;2R:+:41198015-41198077;2R:+:41198015-41198077	exon=> In CDS Exon 31 of transcript AGAP003656-PB;exon=> In CDS Exon 32 of transcript AGAP003656-PC;exon=> In CDS Exon 32 of transcript AGAP003656-PA
JHU_Ag_16781	FLSAGQINGFNDSVLK	AGAP003661-PB,AGAP003661-PA	-	96	3.25E-09	1	1709.885	-0.43	Visceras	2R:+:41319658-41319705;2R:+:41319658-41319705	exon=> In CDS Exon 3 of transcript AGAP003661-PB;exon=> In CDS Exon 3 of transcript AGAP003661-PA
JHU_Ag_27673	TIAYNTQLWK	AGAP003661-PB,AGAP003661-PA	-	40	0.001194092	2	1237.658	0.74	Visceras	2R:+:41318810-41318839;2R:+:41318810-41318839	exon=> In CDS Exon 2 of transcript AGAP003661-PB;exon=> In CDS Exon 2 of transcript AGAP003661-PA
JHU_Ag_42258	YIELPIELITHTVLHELSSK	AGAP003661-PB,AGAP003661-PA	-	72	2.21E-07	1	2335.288	-1.33	Ovary	2R:+:41318936-41318995;2R:+:41318936-41318995	exon=> In CDS Exon 2 of transcript AGAP003661-PB;exon=> In CDS Exon 2 of transcript AGAP003661-PA
JHU_Ag_44603	FLSAGQINGFNDSVLK	AGAP003661-PB,AGAP003661-PA	N8(Deamidated)	83	7.87E-08	2	1710.873	1.71	Pupa	2R:+:41319658-41319705;2R:+:41319658-41319705	exon=> In CDS Exon 3 of transcript AGAP003661-PB;exon=> In CDS Exon 3 of transcript AGAP003661-PA
JHU_Ag_47981	VSAYHVLSNYNDLVFN	AGAP003661-PB,AGAP003661-PA	-	89	1.86E-08	1	1854.904	0.8	Head	2R:+:41320261-41320308;2R:+:41320261-41320308	exon=> In CDS Exon 4 of transcript AGAP003661-PB;exon=> In CDS Exon 4 of transcript AGAP003661-PA
JHU_Ag_48798	FLSAGQINGFNDSVLK	AGAP003661-PB,AGAP003661-PA	-	98	1.84E-09	1	1709.886	0.36	Head	2R:+:41319658-41319705;2R:+:41319658-41319705	exon=> In CDS Exon 3 of transcript AGAP003661-PB;exon=> In CDS Exon 3 of transcript AGAP003661-PA
JHU_Ag_49669	LGGNIHVDQLMDTIGSHCTK	AGAP003661-PB,AGAP003661-PA	C18(Carbamidomethyl)	83	6.83E-08	1	2196.057	1.63	Visceras	2R:+:41319928-41319987;2R:+:41319928-41319987	exon=> In CDS Exon 3 of transcript AGAP003661-PB;exon=> In CDS Exon 3 of transcript AGAP003661-PA
JHU_Ag_72615	TIAYNTQLWK	AGAP003661-PB,AGAP003661-PA	-	32	0.007171037	2	1237.655	-2.02	Head	2R:+:41318810-41318839;2R:+:41318810-41318839	exon=> In CDS Exon 2 of transcript AGAP003661-PB;exon=> In CDS Exon 2 of transcript AGAP003661-PA
JHU_Ag_106516	NVSLRPEVSGLHVGSLESLLQLISVR	AGAP003661-PB,AGAP003661-PA	-	68	2.26E-07	1	2802.583	-0.21	Ovary	2R:+:41318840-41318917;2R:+:41318840-41318917	exon=> In CDS Exon 2 of transcript AGAP003661-PB;exon=> In CDS Exon 2 of transcript AGAP003661-PA
JHU_Ag_39840	QNIRPWSEFLQTSNFK	AGAP003662-PB	-	72	7.98E-07	1	1995.008	-0.07	Midgut	2R:-:41321437-41321390	exon=> In CDS Exon 2 of transcript AGAP003662-PB
JHU_Ag_58540	IPSLWELLR	AGAP003662-PB	-	53	2.21E-05	2	1126.666	3.75	Larva	2R:-:41321473-41321447	exon=> In CDS Exon 2 of transcript AGAP003662-PB
JHU_Ag_69196	IPSLWELLR	AGAP003662-PB	-	34	0.001846941	2	1126.668	4.94	Salivary gland	2R:-:41321473-41321447	exon=> In CDS Exon 2 of transcript AGAP003662-PB
JHU_Ag_79442	QNIRPWSEFLQTSNFK	AGAP003662-PB	-	50	0.000140349	1	1995.016	3.6	Malpighian tubule	2R:-:41321437-41321390	exon=> In CDS Exon 2 of transcript AGAP003662-PB
JHU_Ag_18759	ELVNILQEAKQDIPSELLR	AGAP003663-PA	-	92	1.73E-09	1	2208.228	1.95	Ovary	2R:+:41336332-41336388	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_19253	VVINYDYPQQTEDYVHR	AGAP003663-PA	-	68	2.69E-06	1	2139.019	2.4	Malpighian tubule	2R:+:41336203-41336253	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_19387	ELVNILQEAK	AGAP003663-PA	-	45	0.00030272	2	1156.658	0.95	Ovary	2R:+:41336332-41336361	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_38271	SNATGVAYTFFTMAER	AGAP003663-PA	M13(Oxidation)	68	1.87E-06	2	1781.822	3.26	Malpighian tubule	2R:+:41336272-41336319	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_57867	VVINYDYPQQTEDYVHR	AGAP003663-PA	-	36	0.004140436	1	2139.015	0.2	Pupa	2R:+:41336203-41336253	exon=> In CDS Exon 4 of transcript AGAP003663-PA

JHU_Ag_59920	VVINYDYPQQTEDYVHR	AGAP003663-PA	-	86	4.36E-08	1	2139.014	0.12	Ovary	2R:+:41336203-41336253	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_71505	SNATGVAYTFFTMAER	AGAP003663-PA	M13(Oxidation)	76	3.37E-07	2	1781.820	2.09	Ovary	2R:+:41336272-41336319	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_76058	VVINYDYPQQTEDYVHR	AGAP003663-PA	-	35	0.004812982	1	2139.021	3.02	Head	2R:+:41336203-41336253	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_87398	ELVNILQEAK	AGAP003663-PA	-	55	2.73E-05	2	1156.658	0.32	Midgut	2R:+:41336332-41336361	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_93682	ELVNILQEAK	AGAP003663-PA	-	38	0.001326819	2	1156.659	1.69	Male reproductive organs	2R:+:41336332-41336361	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_95295	SNATGVAYTFFTMAERK	AGAP003663-PA	-	41	0.0014309	1	1893.914	-1.3	Malpighian tubule	2R:+:41336272-41336322	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_103535	VVINYDYPQQTEDYVHR	AGAP003663-PA	-	68	2.68E-06	1	2139.018	1.83	Midgut	2R:+:41336203-41336253	exon=> In CDS Exon 4 of transcript AGAP003663-PA
JHU_Ag_1729	LLEELYHEGNPGK	AGAP003663-PB,AGAP003663-PA	-	35	0.004301044	2	1498.754	0.5	Head	2R:+:41331948-41331986;2R:+:41331948-41331986	exon=> In CDS Exon 3 of transcript AGAP003663-PB;exon=> In CDS Exon 3 of transcript AGAP003663-PA
JHU_Ag_10698	SPTPIQAQGWPIALSGLNMVGVAK	AGAP003663-PB,AGAP003663-PA	M19(Oxidation)	69	7.56E-07	1	2451.312	2.36	Malpighian tubule	2R:+:41331133-41331204;2R:+:41331133-41331204	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_23245	QILMWSATWPK	AGAP003663-PB,AGAP003663-PA	-	46	0.000379567	2	1360.711	1.81	Malpighian tubule	2R:+:41331607-41331639;2R:+:41331607-41331639	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_25578	GPLVLVLAPTR	AGAP003663-PB,AGAP003663-PA	-	73	2.66E-08	2	1135.721	0.6	Salivary gland	2R:+:41331286-41331318;2R:+:41331286-41331318	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_28391	DFYHENSIVR	AGAP003663-PB,AGAP003663-PA	-	57	2.85E-05	1	1279.607	0.1	Ovary	2R:+:41330959-41330988;2R:+:41330959-41330988	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_33276	LLEELYHEGNPGK	AGAP003663-PB,AGAP003663-PA	-	59	1.73E-05	1	1498.769	10.11	Ovary	2R:+:41331948-41331986;2R:+:41331948-41331986	exon=> In CDS Exon 3 of transcript AGAP003663-PB;exon=> In CDS Exon 3 of transcript AGAP003663-PA
JHU_Ag_41361	GPLVLVLAPTR	AGAP003663-PB,AGAP003663-PA	-	69	6.56E-08	2	1135.722	2	Ovary	2R:+:41331286-41331318;2R:+:41331286-41331318	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_46105	ELAQQIQQVATEFGSSSYIR	AGAP003663-PB,AGAP003663-PA	-	122	8.87E-12	2	2255.139	3.83	Malpighian tubule	2R:+:41331319-41331378;2R:+:41331319-41331378	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_46159	ILIFTTTKR	AGAP003663-PB,AGAP003663-PA	-	41	6.37E-05	1	1092.680	2.62	Ovary	2R:+:41331987-41332013;2R:+:41331987-41332013	exon=> In CDS Exon 3 of transcript AGAP003663-PB;exon=> In CDS Exon 3 of transcript AGAP003663-PA
JHU_Ag_46443	GPLVLVLAPTR	AGAP003663-PB,AGAP003663-PA	-	66	1.29E-07	2	1135.719	-0.58	Male reproductive organs	2R:+:41331286-41331318;2R:+:41331286-41331318	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_47296	TLAYMLPAIVHINHQKPDPSVR	AGAP003663-PB,AGAP003663-PA	M5(Oxidation)	39	0.000527824	1	2516.358	5.29	Ovary	2R:+:41331220-41331285;2R:+:41331220-41331285	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_50065	NSSSCILVATDVAAR	AGAP003663-PB,AGAP003663-PA	C5(Carbamidomethyl)	57	3.47E-05	2	1563.779	-0.32	Salivary gland	2R:+:41332122-41332166;2R:+:41332122-41332166	exon=> In CDS Exon 3 of transcript AGAP003663-PB;exon=> In CDS Exon 3 of transcript AGAP003663-PA
JHU_Ag_52380	GPLVLVLAPTR	AGAP003663-PB,AGAP003663-PA	-	46	1.21E-05	2	1135.720	-0.04	Head	2R:+:41331286-41331318;2R:+:41331286-41331318	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_54854	KILDHVRPDR	AGAP003663-PB,AGAP003663-PA	-	35	0.001432889	1	1248.719	1.62	Pupa	2R:+:41331577-41331606;2R:+:41331577-41331606	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA

JHU_Ag_56128	LIDFLESGTTTLQR	AGAP003663-PB,AGAP003663-PA	-	49	0.000113452	2	1593.848	-0.24	Head	2R:+:41331469-41331510;2R:+:41331469-41331510	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_71962	LIDFLESGTTTLQR	AGAP003663-PB,AGAP003663-PA	-	104	3.53E-10	1	1593.852	2.21	Ovary	2R:+:41331469-41331510;2R:+:41331469-41331510	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_72765	VTYLVLDEADR	AGAP003663-PB,AGAP003663-PA	-	76	3.39E-07	1	1293.671	1.84	Salivary gland	2R:+:41331511-41331543;2R:+:41331511-41331543	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_73661	ELAQQIQQVATEFGSSSYIR	AGAP003663-PB,AGAP003663-PA	-	110	1.64E-10	2	2255.139	4.04	Ovary	2R:+:41331319-41331378;2R:+:41331319-41331378	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_77182	NTCLFGGSSK	AGAP003663-PB,AGAP003663-PA	C3(Carbamidomethyl)	48	0.000110238	1	1070.492	-1.06	Ovary	2R:+:41331379-41331408;2R:+:41331379-41331408	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_77659	VTYLVLDEADRMLDMGFEPQIR	AGAP003663-PB,AGAP003663-PA	M12(Oxidation), M15(Oxidation)	46	0.000349749	3	2643.287	2.82	Ovary	2R:+:41331511-41331576;2R:+:41331511-41331576	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_80371	GPLVLVLAPTR	AGAP003663-PB,AGAP003663-PA	-	52	2.89E-06	2	1135.719	-0.47	Midgut	2R:+:41331286-41331318;2R:+:41331286-41331318	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_83282	FGGGGAGGGGGGYR	AGAP003663-PB,AGAP003663-PA	-	58	1.19E-05	2	1126.503	0.08	Ovary	2R:+:41330845-41330886;2R:+:41330845-41330886	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_104889	VTYLVLDEADR	AGAP003663-PB,AGAP003663-PA	-	78	2.47E-07	2	1293.667	-1.36	Midgut	2R:+:41331511-41331543;2R:+:41331511-41331543	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_106914	VTYLVLDEADR	AGAP003663-PB,AGAP003663-PA	-	56	3.39E-05	2	1293.671	2.22	Ovary	2R:+:41331511-41331543;2R:+:41331511-41331543	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_107027	SPTPIQAQGWPIALSGLNMVGVAK	AGAP003663-PB,AGAP003663-PA	M19(Oxidation)	83	3.18E-08	1	2451.312	2.21	Ovary	2R:+:41331133-41331204;2R:+:41331133-41331204	exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA
JHU_Ag_108621	NSSSCILVATDVAAR	AGAP003663-PB,AGAP003663-PA	C5(Carbamidomethyl)	124	6.49E-12	2	1563.783	1.94	Ovary	2R:+:41332122-41332166;2R:+:41332122-41332166	exon=> In CDS Exon 3 of transcript AGAP003663-PB;exon=> In CDS Exon 3 of transcript AGAP003663-PA
JHU_Ag_29086	VGLNWDVFPER	AGAP003664-PA	-	71	1.49E-06	1	1331.676	1.03	Pupa	2R:-:41339569-41339537	exon=> In CDS Exon 1 of transcript AGAP003664-PA
JHU_Ag_106655	INDLYK	AGAP003664-PA	N2(Deamidated)	38	0.001467178	2	766.399	1.21	Malpighian tubule	2R:-:41338886-41338869	exon=> In CDS Exon 2 of transcript AGAP003664-PA
JHU_Ag_71410	LQEAELEK	AGAP003669-PA	-	41	0.001475067	1	959.515	11.25	Salivary gland	2R:+:41486152-41486175	exon=> In CDS Exon 2 of transcript AGAP003669-PA
JHU_Ag_38293	KIMHDDGGSPQK	AGAP003672-PA	-	35	0.004499173	1	1312.630	-1.27	Head	2R:+:41731871-41731906	exon=> In CDS Exon 3 of transcript AGAP003672-PA
JHU_Ag_11423	MSTINKLEIR	AGAP003676-PA	N5(Deamidated)	39	0.001271597	1	1205.658	2.05	Malpighian tubule	2R:-:41819862-41819833	exon=> In CDS Exon 1 of transcript AGAP003676-PA
JHU_Ag_13295	LLALKPISER	AGAP003676-PA	-	29	0.001243723	1	1139.722	6.46	Salivary gland	2R:-:41817507-41817478	exon=> In CDS Exon 3 of transcript AGAP003676-PA
JHU_Ag_20841	MSTINKLEIR	AGAP003676-PA	N5(Deamidated)	38	0.001708928	2	1205.659	2.96	Pupa	2R:-:41819862-41819833	exon=> In CDS Exon 1 of transcript AGAP003676-PA
JHU_Ag_23048	MSTINKLEIR	AGAP003676-PA	N5(Deamidated)	37	0.002153863	2	1205.656	0.03	Salivary gland	2R:-:41819862-41819833	exon=> In CDS Exon 1 of transcript AGAP003676-PA
JHU_Ag_34644	AQEATVQSKGK	AGAP003676-PA	-	39	0.002085929	1	1146.617	4.47	Pupa	2R:-:41818479-41818447	exon=> In CDS Exon 3 of transcript AGAP003676-PA
JHU_Ag_70905	MSTINKLEIR	AGAP003676-PA	N5(Deamidated)	37	0.002351959	2	1205.660	3.27	Midgut	2R:-:41819862-41819833	exon=> In CDS Exon 1 of transcript AGAP003676-PA

JHU_Ag_76217	MSTINKLEIR	AGAP003676-PA	N5(Deamidated)	39	0.001354821	1	1205.655	-0.68	Head	2R:-:41819862-41819833	exon=> In CDS Exon 1 of transcript AGAP003676-PA
JHU_Ag_85007	IFNTVESLGQVK	AGAP003676-PA	-	58	1.37E-05	2	1334.732	0.63	Ovary	2R:-:41819566-41819531	exon=> In CDS Exon 2 of transcript AGAP003676-PA
JHU_Ag_62352	ADGPALAGHNATSDIIVIR	AGAP003679-PA	-	81	8.38E-08	1	1891.008	2.57	Male reproductive organs	2R:+:41853220-41853276	exon=> In CDS Exon 7 of transcript AGAP003679-PA
JHU_Ag_63560	VLDETSNEAFR	AGAP003679-PA	-	73	8.19E-07	2	1280.615	2.45	Male reproductive organs	2R:+:41850980-41851012	exon=> In CDS Exon 3 of transcript AGAP003679-PA
JHU_Ag_69705	ITQSLTNQTEQNTLLEK	AGAP003679-PA	-	74	4.82E-07	2	1961.022	1.66	Male reproductive organs	2R:+:41851634-41851640,41851710-41851753	exon=> In CDS Exon 4 and 5 of transcript AGAP003679-PA
JHU_Ag_103492	VQTLQR	AGAP003679-PA	Q5(Deamidated)	38	0.004465241	2	745.421	0.37	Visceras	2R:+:41852778-41852795	exon=> In CDS Exon 6 of transcript AGAP003679-PA
JHU_Ag_113933	EITDEFFEELCSK	AGAP003679-PA	C11(Carbamidomethyl)	72	5.13E-07	2	1646.730	2.6	Male reproductive organs	2R:+:41850270-41850308	exon=> In CDS Exon 1 of transcript AGAP003679-PA
JHU_Ag_23774	YVSLCLPLTLATTSLR	AGAP003680-PA	C5(Carbamidomethyl)	84	1.62E-08	2	1808.012	7.09	Head	2R:+:41914333-41914380	exon=> In CDS Exon 11 of transcript AGAP003680-PA
JHU_Ag_48173	DADDETLDQSEIR	AGAP003680-PA	Q9(Deamidated)	97	1.28E-09	2	1506.660	2.79	Head	2R:+:41913602-41913640	exon=> In CDS Exon 10 of transcript AGAP003680-PA
JHU_Ag_60067	LCELLLK	AGAP003681-PA	C2(Carbamidomethyl)	37	0.002531457	1	888.520	-2.41	Head	2R:+:41926608-41926628	exon=> In CDS Exon 4 of transcript AGAP003681-PA
JHU_Ag_47238	LQEQQR	AGAP003685-PA,AGAP000725-PA	Q4(Deamidated), Q5(Deamidated)	50	0.000165137	2	803.389	-0.7	Midgut	2R:-:41952842-41952825;X:-:13159645-13159628	exon=> In CDS Exon 4 of transcript AGAP003685-PA;exon=> In CDS Exon 3 of transcript AGAP000725-PA
JHU_Ag_110262	LQEQQR	AGAP003685-PA,AGAP000725-PA	Q4(Deamidated), Q5(Deamidated)	36	0.003537989	2	803.392	3.63	Visceras	2R:-:41952842-41952825;X:-:13159645-13159628	exon=> In CDS Exon 4 of transcript AGAP003685-PA;exon=> In CDS Exon 3 of transcript AGAP000725-PA
JHU_Ag_36448	LEVSPVLLQAR	AGAP003686-PA	-	39	0.000189445	2	1224.733	1.71	Head	2R:-:42010304-42010272	exon=> In CDS Exon 3 of transcript AGAP003686-PA
JHU_Ag_62584	TDPDCEEDTCAAPIQR	AGAP003686-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	117	7.64E-12	1	1877.767	1.74	Head	2R:-:42010553-42010506	exon=> In CDS Exon 3 of transcript AGAP003686-PA
JHU_Ag_101659	AGEDLTACSTVINRPGYCVPLAQCGPVAR	AGAP003686-PA	C8(Carbamidomethyl), C18(Carbamidomethyl), C24(Carbamidomethyl)	88	2.44E-08	1	3132.511	2.67	Head	2R:-:42011276-42011190	exon=> In CDS Exon 1 of transcript AGAP003686-PA
JHU_Ag_5826	SGILSVIVDAFNDK	AGAP003687-PA	-	73	6.43E-07	2	1477.791	0.88	Midgut	2R:-:42019955-42019914	exon=> In CDS Exon 6 of transcript AGAP003687-PA
JHU_Ag_10292	DLGFTGSSEDVIR	AGAP003687-PA	-	64	6.70E-06	2	1395.681	4.18	Midgut	2R:-:42019342-42019304	exon=> In CDS Exon 7 of transcript AGAP003687-PA
JHU_Ag_27343	SGILSVIVDAFNDK	AGAP003687-PA	-	88	1.70E-08	2	1477.791	1.05	Salivary gland	2R:-:42019955-42019914	exon=> In CDS Exon 6 of transcript AGAP003687-PA
JHU_Ag_47603	YAADLLGPGLVTK	AGAP003687-PA	-	59	7.92E-06	2	1317.743	1.51	Ovary	2R:-:42019303-42019265	exon=> In CDS Exon 7 of transcript AGAP003687-PA
JHU_Ag_49766	DLGFTGSSEDVIR	AGAP003687-PA	-	68	2.36E-06	2	1395.679	3.04	Salivary gland	2R:-:42019342-42019304	exon=> In CDS Exon 7 of transcript AGAP003687-PA
JHU_Ag_68033	SIADALIVPVSINYEK	AGAP003687-PA	-	60	7.88E-06	1	1731.954	0.78	Midgut	2R:-:42019913-42019866	exon=> In CDS Exon 6 of transcript AGAP003687-PA
JHU_Ag_75806	YAADLLGPGLVTK	AGAP003687-PA	-	74	3.04E-07	2	1317.742	0.49	Salivary gland	2R:-:42019303-42019265	exon=> In CDS Exon 7 of transcript AGAP003687-PA
JHU_Ag_88045	IDFNEPFSLSELIK	AGAP003687-PA	-	50	0.00014633	1	1651.858	0.22	Midgut	2R:-:42019748-42019707	exon=> In CDS Exon 6 of transcript AGAP003687-PA
JHU_Ag_108114	IPVFGSILR	AGAP003687-PA	-	41	0.000382611	1	1001.613	-1.19	Salivary gland	2R:-:42020238-42020212	exon=> In CDS Exon 5 of transcript AGAP003687-PA

JHU_Ag_49942	VFNAASYLNLPVSR	AGAP003688-PA	-	96	2.53E-09	1	1550.840	4.69	Malpighian tubule	2R:-:42039602-42039561	exon=> In CDS Exon 2 of transcript AGAP003688-PA
JHU_Ag_81530	LATVAPGEMEAGVVDADGK	AGAP003688-PA,AGAP013274-PA	M9(Oxidation)	68	2.57E-06	1	1829.896	0.39	Head	2R:-:42039144-42039088;2R:-:42033484-42033428	exon=> In CDS Exon 3 of transcript AGAP003688-PA;exon=> In CDS Exon 3 of transcript AGAP013274-PA
JHU_Ag_9261	QFVLTAAQCVLR	AGAP003689-PA	C9(Carbamidomethyl)	32	0.006434685	2	1405.772	7.06	Head	2R:+:42044354-42044388,42044451-42044451	exon=> In CDS Exon 6 and 7 of transcript AGAP003689-PA
JHU_Ag_23762	ILFAIPDAGLGEK	AGAP003689-PA	-	38	0.001867317	2	1343.766	6.54	Head	2R:+:42043979-42044017	exon=> In CDS Exon 6 of transcript AGAP003689-PA
JHU_Ag_24916	FMTYEHIEIDECPLK	AGAP003689-PA	M2(Oxidation), C12(Carbamidomethyl)	67	2.35E-06	1	1940.888	5.75	Larva	2R:+:42043017-42043047,42043119-42043132	exon=> In CDS Exon 2 and 3 of transcript AGAP003689-PA
JHU_Ag_60774	TVYSDYCHVALIK	AGAP003689-PA	C7(Carbamidomethyl)	87	2.69E-08	1	1568.788	6.21	Larva	2R:+:42043142-42043180	exon=> In CDS Exon 3 of transcript AGAP003689-PA
JHU_Ag_95047	ILFAIPDAGLGEK	AGAP003689-PA	-	50	0.000112246	2	1343.759	1.81	Pupa	2R:+:42043979-42044017	exon=> In CDS Exon 6 of transcript AGAP003689-PA
JHU_Ag_111471	ILFAIPDAGLGEK	AGAP003689-PA	-	68	1.74E-06	1	1343.765	5.9	Larva	2R:+:42043979-42044017	exon=> In CDS Exon 6 of transcript AGAP003689-PA
JHU_Ag_115809	SVQVQLQNNFNLPIADR	AGAP003689-PA	-	81	7.68E-08	1	1956.042	5.99	Larva	2R:+:42043268-42043318	exon=> In CDS Exon 3 of transcript AGAP003689-PA
JHU_Ag_117110	QFVLTAAQCVLR	AGAP003689-PA	C9(Carbamidomethyl)	60	1.35E-05	2	1405.764	1.24	Pupa	2R:+:42044354-42044388,42044451-42044451	exon=> In CDS Exon 6 and 7 of transcript AGAP003689-PA
JHU_Ag_19051	FVLTAANCLR	AGAP003691-PA	C8(Carbamidomethyl)	39	0.001483439	2	1164.621	1.46	Pupa	2R:+:42047210-42047239	exon=> In CDS Exon 5 of transcript AGAP003691-PA
JHU_Ag_69497	LEEVYIEGK	AGAP003691-PA	-	35	0.004526124	2	1079.562	0.2	Pupa	2R:+:42048715-42048741	exon=> In CDS Exon 9 of transcript AGAP003691-PA
JHU_Ag_19404	NIVDEYGHMLTTAAK	AGAP003692-PA	M9(Oxidation)	111	1.32E-10	1	1678.810	-0.06	Midgut	2R:-:42049451-42049407	exon=> In CDS Exon 6 of transcript AGAP003692-PA
JHU_Ag_20965	TITGCMYENILLTGPMDQISR	AGAP003692-PA	C5(Carbamidomethyl), M16(Oxidation),"C5(Carbamidomethyl), M6(Oxidation), M16(Oxidation)","C5(Carbamidomethyl), N9(Deamidated), M16(Oxidation)"	57	2.99E-05	2	2445.149	1.23	Midgut	2R:-:42050124-42050062	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_25879	ETEYIPWATAYNALLHLDR	AGAP003692-PA	-	41	0.001252852	1	2276.134	-0.27	Midgut	2R:-:42050229-42050173	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_35915	AAADAALVK	AGAP003692-PA	-	69	2.18E-06	2	829.477	-0.91	Midgut	2R:-:42049406-42049380	exon=> In CDS Exon 6 of transcript AGAP003692-PA
JHU_Ag_38624	FLASVGCAR	AGAP003692-PA	C7(Carbamidomethyl)	55	4.74E-05	2	980.497	-1.36	Midgut	2R:-:42049815-42049789	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_50647	CLDDAHALANK	AGAP003692-PA	C1(Carbamidomethyl)	68	1.53E-06	1	1227.578	-0.63	Midgut	2R:-:42050010-42049978	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_52533	AVQDSSFTIPEEVQASVFCALHK	AGAP003692-PA	C19(Carbamidomethyl)	76	3.09E-07	1	2563.250	0.01	Midgut	2R:-:42049977-42049909	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_58173	FETFLR	AGAP003692-PA	-	41	0.000471402	2	812.430	-0.51	Midgut	2R:-:42050142-42050125	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_68372	SQIYLGLINGSPGTR	AGAP003692-PA	N9(Deamidated)	113	6.44E-11	1	1576.832	-0.51	Midgut	2R:-:42049710-42049666	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_69748	SQIYLGLINGSPGTR	AGAP003692-PA	-	63	4.72E-06	1	1575.856	4.14	Malpighian tubule	2R:-:42049710-42049666	exon=> In CDS Exon 5 of transcript AGAP003692-PA

JHU_Ag_70162	GNTVYLACYSGVK	AGAP003692-PA	C8(Carbamidomethyl)	50	0.000129212	2	1431.687	-4.9	Midgut	2R:-:42050052-42050014	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_74531	LQHEVLK	AGAP003692-PA	-	42	0.000333729	1	866.509	-0.23	Midgut	2R:-:42049560-42050850,42049194-42049452	exon=> In CDS Exon 6 and 5 of transcript AGAP003692-PA
JHU_Ag_83908	AAADAALVKAEQNIR	AGAP003692-PA	-	72	5.29E-07	1	1540.844	-0.15	Midgut	2R:-:42049406-42049362	exon=> In CDS Exon 6 of transcript AGAP003692-PA
JHU_Ag_89971	YVTSANSPEDLDMINR	AGAP003692-PA	M13(Oxidation)	137	1.98E-13	1	1840.832	-3.55	Midgut	2R:-:42049863-42049816	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_92873	YPSATLNVQTDLFEK	AGAP003692-PA	-	133	6.19E-13	1	1725.862	-4.04	Midgut	2R:-:42049908-42049864	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_100760	VFAAESK	AGAP003692-PA	-	45	0.000238385	1	751.398	-0.68	Midgut	2R:-:42051546-42051667,42050990-42051443	exon=> In CDS Exon 4 and 3 of transcript AGAP003692-PA
JHU_Ag_112051	MFSSHEEYSR	AGAP003692-PA	M1(Oxidation)	76	6.87E-08	1	1272.531	-0.18	Midgut	2R:-:42050172-42050143	exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_11603	FNVKIR	AGAP003695-PA	-	36	0.00048103	2	776.481	4.79	Malpighian tubule	2R:-:42055664-42055647	exon=> In CDS Exon 2 of transcript AGAP003695-PA
JHU_Ag_17559	YLATTFFAATYAR	AGAP003695-PA	-	62	1.09E-05	2	1495.754	-2.89	Midgut	2R:-:42055745-42055707	exon=> In CDS Exon 2 of transcript AGAP003695-PA
JHU_Ag_29713	ETEYIPWATAYNALQHLDR	AGAP003695-PA	-	83	8.44E-08	2	2291.108	-0.43	Midgut	2R:-:42054079-42054023	exon=> In CDS Exon 5 of transcript AGAP003695-PA
JHU_Ag_56005	IIEEALAEETLNIPK	AGAP003695-PA	-	45	0.000179422	2	1682.922	0.44	Midgut	2R:-:42053839-42053795	exon=> In CDS Exon 5 of transcript AGAP003695-PA
JHU_Ag_79512	ALAQAEENLHWIAK	AGAP003695-PA	-	50	0.000106223	1	1593.840	0.83	Malpighian tubule	2R:-:42053251-42053210	exon=> In CDS Exon 6 of transcript AGAP003695-PA
JHU_Ag_87739	LIEVLNSDQFEDQLPVINR	AGAP003695-PA	-	114	4.58E-11	2	2242.172	0.19	Midgut	2R:-:42054226-42054170	exon=> In CDS Exon 5 of transcript AGAP003695-PA
JHU_Ag_92874	VPLESFTVSR	AGAP003695-PA	-	56	3.05E-05	2	1134.616	0.54	Malpighian tubule	2R:-:42056069-42056040	exon=> In CDS Exon 1 of transcript AGAP003695-PA
JHU_Ag_1745	HVHAHGFSVVK	AGAP003700-PA	-	61	1.23E-05	1	1217.655	1.18	Head	2R:+:42133915-42133947	exon=> In CDS Exon 3 of transcript AGAP003700-PA
JHU_Ag_3600	LFHTAPNVPHYAK	AGAP003700-PA	-	58	1.98E-05	1	1494.788	1.58	Ovary	2R:+:42133975-42134011,42134093-42134094	exon=> In CDS Exon 3 and 4 of transcript AGAP003700-PA
JHU_Ag_4876	VLDDEEIEGMR	AGAP003700-PA	M10(Oxidation)	74	4.56E-07	1	1321.594	0.04	Ovary	2R:+:42133397-42133429	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_5949	GFHGDLNETFFVGNVK	AGAP003700-PA	-	58	2.84E-05	1	1780.878	7.2	Midgut	2R:+:42133688-42133735	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_10478	HVHAHGFSVVK	AGAP003700-PA	-	54	7.02E-05	1	1217.655	1.03	Ovary	2R:+:42133915-42133947	exon=> In CDS Exon 3 of transcript AGAP003700-PA
JHU_Ag_12257	SCCTSVNEVICHGIPDLRPLEDGDLCNVDVTVYHR	AGAP003700-PA	C2(Carbamidomethyl), C3(Carbamidomethyl), C11(Carbamidomethyl), C26(Carbamidomethyl)	120	1.07E-11	1	4099.909	8.85	Ovary	2R:+:42133583-42133687	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_20006	HVHAHGFSVVK	AGAP003700-PA	-	71	1.37E-06	1	1217.654	0.28	Pupa	2R:+:42133915-42133947	exon=> In CDS Exon 3 of transcript AGAP003700-PA
JHU_Ag_24317	VCDVGVTTDEIDR	AGAP003700-PA	C2(Carbamidomethyl)	87	2.31E-08	1	1478.679	-0.23	Midgut	2R:+:42133475-42133513	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_25130	VCDVGVTTDEIDR	AGAP003700-PA	C2(Carbamidomethyl)	102	7.48E-10	1	1478.679	0.18	Ovary	2R:+:42133475-42133513	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_29183	VIHLLAK	AGAP003700-PA	-	37	4.40E-05	2	793.530	0.07	Ovary	2R:+:42133069-42133087,42133215-42133216	exon=> In CDS Exon 1 and 2 of transcript AGAP003700-PA

JHU_Ag_33172	ETNAYNPWPYYTFTGK	AGAP003700-PA	-	56	2.52E-05	2	1951.877	-4.56	Pupa	2R:+:42133223-42133270	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_52688	LVQVTYEALMK	AGAP003700-PA	M10(Oxidation)	79	1.23E-07	2	1310.701	-0.98	Ovary	2R:+:42133751-42133783	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_53614	AIAIVKPGER	AGAP003700-PA	-	41	0.000179361	1	1053.640	-1.43	Pupa	2R:+:42133784-42133800,42133872-42133884	exon=> In CDS Exon 2 and 3 of transcript AGAP003700-PA
JHU_Ag_77731	VLDDEEIEGMR	AGAP003700-PA	M10(Oxidation)	40	0.000901578	2	1321.591	-2.64	Salivary gland	2R:+:42133397-42133429	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_80632	LVQVTYEALMK	AGAP003700-PA	M10(Oxidation)	55	3.24E-05	2	1310.702	-0.33	Midgut	2R:+:42133751-42133783	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_86207	LFHTAPNVPHYAK	AGAP003700-PA	-	39	0.001552185	1	1494.787	1.01	Malpighian tubule	2R:+:42133975-42134011,42134093-42134094	exon=> In CDS Exon 3 and 4 of transcript AGAP003700-PA
JHU_Ag_88952	LRPFEQTPR	AGAP003700-PA	-	40	0.00148019	1	1143.628	0.68	Malpighian tubule	2R:+:42133271-42133297	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_98892	AIAIVKPGER	AGAP003700-PA	-	66	5.82E-07	1	1053.641	-0.39	Ovary	2R:+:42133784-42133800,42133872-42133884	exon=> In CDS Exon 2 and 3 of transcript AGAP003700-PA
JHU_Ag_100087	GFHGDLNETFFVGNVK	AGAP003700-PA	-	59	2.37E-05	1	1780.864	-0.69	Ovary	2R:+:42133688-42133735	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_109233	LVQVTYEALMK	AGAP003700-PA	M10(Oxidation)	85	2.50E-08	1	1310.705	1.91	Malpighian tubule	2R:+:42133751-42133783	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_109437	RPVPPHIPRPDYADHKEGR	AGAP003700-PA	-	62	6.26E-06	1	2237.170	0.53	Malpighian tubule	2R:+:42133298-42133354	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_109527	LRPFEQTPR	AGAP003700-PA	-	41	0.001218619	1	1143.626	-0.68	Ovary	2R:+:42133271-42133297	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_109697	VCDVGVTTDEIDR	AGAP003700-PA	C2(Carbamidomethyl)	74	4.79E-07	1	1478.682	1.75	Salivary gland	2R:+:42133475-42133513	exon=> In CDS Exon 2 of transcript AGAP003700-PA
JHU_Ag_47906	ALEVEPYSIEDSLR	AGAP003701-PA	-	79	2.36E-07	1	1620.813	1.1	Ovary	2R:-:42134694-42134653	exon=> In CDS Exon 1 of transcript AGAP003701-PA
JHU_Ag_53363	ATLQMNRDR	AGAP003703-PA	-	41	0.00136463	1	1104.573	13.81	Salivary gland	2R:+:42180127-42180153	exon=> In CDS Exon 4 of transcript AGAP003703-PA
JHU_Ag_69649	NLIVQVQR	AGAP003703-PA	N1(Deamidated), Q5(Deamidated)	35	0.004022147	2	971.553	1.18	Pupa	2R:+:42179365-42179388	exon=> In CDS Exon 4 of transcript AGAP003703-PA
JHU_Ag_60636	NPSDEHLLGVALEHIK	AGAP003704-PA	-	40	0.001081528	1	1771.933	-0.55	Head	2R:-:42201936-42201889	exon=> In CDS Exon 1 of transcript AGAP003704-PA
JHU_Ag_73042	FEELTFDGDRVVLR	AGAP003704-PA	-	38	0.002248245	1	1695.850	-11.65	Pupa	2R:-:42202296-42202255	exon=> In CDS Exon 1 of transcript AGAP003704-PA
JHU_Ag_87543	HGGVIVGLLK	AGAP003704-PA	-	42	2.58E-05	1	992.624	-1.24	Head	2R:-:42202521-42202492	exon=> In CDS Exon 1 of transcript AGAP003704-PA
JHU_Ag_90852	GGLQTLPETLATDLQAK	AGAP003704-PA	-	45	0.000329057	2	1755.945	-1.88	Midgut	2R:-:42202374-42202324	exon=> In CDS Exon 1 of transcript AGAP003704-PA
JHU_Ag_108521	FEELTFDGDRVVLR	AGAP003704-PA	-	34	0.005480795	1	1695.850	-11.87	Ovary	2R:-:42202296-42202255	exon=> In CDS Exon 1 of transcript AGAP003704-PA
JHU_Ag_116265	FEELTFDGDRVVLR	AGAP003704-PA	-	31	0.012032683	1	1695.845	-14.89	Midgut	2R:-:42202296-42202255	exon=> In CDS Exon 1 of transcript AGAP003704-PA
JHU_Ag_62750	VLSPNAVLIALHDR	AGAP003705-PA,AGAP003705-PB	-	35	0.000912343	1	1517.882	1.23	Ovary	2R:+:42206097-42206138;2R:+:42206097-42206138	exon=> In CDS Exon 3 of transcript AGAP003705-PA;exon=> In CDS Exon 2 of transcript AGAP003705-PB
JHU_Ag_11710	VLVVSPQFEGLPLIK	AGAP003706-PA	-	45	2.39E-05	2	1638.987	2.21	Midgut	2R:-:42207425-42207381	exon=> In CDS Exon 1 of transcript AGAP003706-PA
JHU_Ag_37472	ELAPVHLEVVNESYMHNVPK	AGAP003706-PA	M15(Oxidation)	51	0.000112183	1	2321.163	1.28	Ovary	2R:-:42207506-42207447	exon=> In CDS Exon 1 of transcript AGAP003706-PA
JHU_Ag_45846	SQLAGDFVHALSIVAK	AGAP003706-PA	-	92	5.06E-09	1	1655.911	-0.26	Ovary	2R:-:42207266-42207219	exon=> In CDS Exon 2 of transcript AGAP003706-PA

JHU_Ag_56759	STVEKPIENAIR	AGAP003706-PA	N-Term(Acetyl)	69	1.15E-06	1	1398.763	3.09	Malpighian tubule	2R:-:42207557-42207522	exon=> In CDS Exon 1 of transcript AGAP003706-PA
JHU_Ag_69269	STVEKPIENAIR	AGAP003706-PA	N-Term(Acetyl)	59	1.24E-05	1	1398.761	1.52	Ovary	2R:-:42207557-42207522	exon=> In CDS Exon 1 of transcript AGAP003706-PA
JHU_Ag_98073	SQLAGDFVHALSIVAK	AGAP003706-PA	-	46	0.000182919	1	1655.913	0.62	Head	2R:-:42207266-42207219	exon=> In CDS Exon 2 of transcript AGAP003706-PA
JHU_Ag_101609	STVEKPIENAIR	AGAP003706-PA	-	49	9.21E-05	1	1356.751	2.07	Malpighian tubule	2R:-:42207557-42207522	exon=> In CDS Exon 1 of transcript AGAP003706-PA
JHU_Ag_111596	GSETHFK	AGAP003706-PA	-	40	0.001804882	2	805.384	-0.11	Head	2R:-:42207446-42207426	exon=> In CDS Exon 1 of transcript AGAP003706-PA
JHU_Ag_115951	VLVVSPQFEGLPLIK	AGAP003706-PA	-	96	1.95E-10	1	1638.985	1.39	Ovary	2R:-:42207425-42207381	exon=> In CDS Exon 1 of transcript AGAP003706-PA
JHU_Ag_110942	NIEPLDQQFNCPFCNHEK	AGAP003707-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	35	0.002083767	1	2290.008	2.6	Ovary	2R:+:42208609-42208662	exon=> In CDS Exon 1 of transcript AGAP003707-PA
JHU_Ag_11555	TQVFFDEQEGGMHTTESMTR	AGAP003711-PA	M12(Oxidation), M18(Oxidation)	71	3.03E-07	1	2362.993	0.49	Head	2R:+:42292265-42292285,42296265-42296303	exon=> In CDS Exon 2 and 3 of transcript AGAP003711-PA
JHU_Ag_47774	TGKAMGPVQLGFVAGVILR	AGAP003711-PA	M5(Oxidation)	45	8.13E-05	3	1930.104	4.75	Malpighian tubule	2R:+:42296328-42296359,42298458-42298482	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PA
JHU_Ag_50715	KTQVFFDEQEGGMHTTESMTR	AGAP003711-PA	M19(Oxidation),"M13(Oxidation), M19(Oxidation)",M13(Oxidation)	71	6.40E-07	1	2491.098	4.41	Malpighian tubule	2R:+:42292262-42292285,42296265-42296303	exon=> In CDS Exon 2 and 3 of transcript AGAP003711-PA
JHU_Ag_54600	AMGPVQLGFVAGVILRER	AGAP003711-PA	M2(Oxidation)	46	0.000105064	1	1929.082	4.35	Malpighian tubule	2R:+:42296337-42296359,42298458-42298488	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PA
JHU_Ag_59443	AMGPVQLGFVAGVILR	AGAP003711-PA	M2(Oxidation)	115	7.60E-12	1	1643.943	7.77	Malpighian tubule	2R:+:42296337-42296359,42298458-42298482	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PA
JHU_Ag_78183	TQVFFDEQEGGMHTTESMTR	AGAP003711-PA	M18(Oxidation),M12(Oxidation),"M12(Oxidation), M18(Oxidation)"	68	5.69E-07	1	2362.998	2.81	Malpighian tubule	2R:+:42292265-42292285,42296265-42296303	exon=> In CDS Exon 2 and 3 of transcript AGAP003711-PA
JHU_Ag_91193	ALITDESR	AGAP003711-PA	-	50	0.000176492	1	904.476	2.58	Malpighian tubule	2R:+:42296304-42296327	exon=> In CDS Exon 3 of transcript AGAP003711-PA
JHU_Ag_100459	AMGPVQLGFVAGVILR	AGAP003711-PA	M2(Oxidation)	45	5.97E-05	2	1643.946	9.78	Salivary gland	2R:+:42296337-42296359,42298458-42298482	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PA
JHU_Ag_15015	TQVFFDEMADSHREEEQVNLLGEEGIR	AGAP003711-PC	M8(Oxidation)	47	0.000257257	1	3194.483	4.26	Malpighian tubule	2R:+:42292265-42292285,42294195-42294254	exon=> In CDS Exon 2 and 3 of transcript AGAP003711-PC
JHU_Ag_919	GNVFLR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	39	0.001455915	2	705.406	3.13	Malpighian tubule	2R:+:42298528-42298545;2R:+:42298528-42298545;2R:+:42298528-42298545	exon=> In CDS Exon 4 of transcript AGAP003711-PC;exon=> In CDS Exon 4 of transcript AGAP003711-PA;exon=> In CDS Exon 4 of transcript AGAP003711-PD
JHU_Ag_2967	ATLYPCPEAPTDR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	C6(Carbamidomethyl)	47	0.000250543	1	1490.696	0.85	Head	2R:+:42298746-42298784;2R:+:42298746-42298784;2R:+:42298746-42298784	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD

JHU_Ag_3414	EMIDLEATFEKLENELR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M2(Oxidation)	53	7.30E-05	1	2096.019	-1.53	Salivary gland	2R:+:42292139-42292189;2R:+:42292139-42292189;2R:+:42292139-42292189	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_4553	EMIDLEATFEK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M2(Oxidation)	67	3.17E-06	2	1325.627	-2.1	Head	2R:+:42292139-42292171;2R:+:42292139-42292171;2R:+:42292139-42292171	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_4769	ALQLNPK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	37	0.000832509	1	783.472	-0.56	Head	2R:+:42299499-42299519;2R:+:42299499-42299519;2R:+:42299499-42299519	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_5277	GNVFLR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	39	0.001514036	2	705.405	1.32	Salivary gland	2R:+:42298528-42298545;2R:+:42298528-42298545;2R:+:42298528-42298545	exon=> In CDS Exon 4 of transcript AGAP003711-PC;exon=> In CDS Exon 4 of transcript AGAP003711-PA;exon=> In CDS Exon 4 of transcript AGAP003711-PD
JHU_Ag_5548	NYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	42	0.00075234	1	1122.610	5.02	Head	2R:+:42292223-42292249;2R:+:42292223-42292249;2R:+:42292223-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_11302	IEDLHTVLGQTQDHR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	98	3.08E-09	1	1761.888	0.18	Midgut	2R:+:42298815-42298859;2R:+:42298815-42298859;2R:+:42298815-42298859	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_16258	GMDYAQTPYPFGLDPVWQVAPLNK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M2(Oxidation)	76	3.75E-07	1	2723.321	1.22	Salivary gland	2R:+:42299520-42299591;2R:+:42299520-42299591;2R:+:42299520-42299591	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_16728	AIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	48	0.000156145	2	1890.013	0.63	Ovary	2R:+:42298926-42298973;2R:+:42298926-42298973;2R:+:42298926-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_17021	DGIPMLDTGESPEAPQPR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M5(Oxidation)	94	6.94E-09	1	1909.902	3.02	Salivary gland	2R:+:42292085-42292138;2R:+:42292085-42292138;2R:+:42292085-42292138	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_17485	QAMIEDPLEDPSNGDK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M3(Oxidation), N13(Deamidated),M3(Oxidation)	70	1.10E-06	1	1758.789	2.31	Head	2R:+:42298546-42298584,42298656-42298664;2R:+:42298546-42298584,42298656-42298664;2R:+:42298546-42298584,42298656-42298664	exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PD

JHU_Ag_17572	GNVFLR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	37	0.002040439	2	705.403	-1.45	Head	2R:+:42298528-42298545;2R:+:42298528-42298545;2R:+:42298528-42298545	exon=> In CDS Exon 4 of transcript AGAP003711-PC;exon=> In CDS Exon 4 of transcript AGAP003711-PA;exon=> In CDS Exon 4 of transcript AGAP003711-PD
JHU_Ag_18798	AIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	90	1.04E-08	1	1890.013	0.3	Malpighian tubule	2R:+:42298926-42298973;2R:+:42298926-42298973;2R:+:42298926-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_20462	NYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	53	5.55E-05	1	1122.606	1.76	Salivary gland	2R:+:42292223-42292249;2R:+:42292223-42292249;2R:+:42292223-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_21710	SVFIIFFQGDQLK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	91	5.39E-09	2	1541.845	5.65	Salivary gland	2R:+:42298674-42298712;2R:+:42298674-42298712;2R:+:42298674-42298712	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_21830	TNKFTHAFQALINAYGVASYR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	45	0.000338717	1	2372.225	4.15	Malpighian tubule	2R:+:42299121-42299183;2R:+:42299121-42299183;2R:+:42299121-42299183	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_21898	DLNPDVNAFQR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	52	9.25E-05	2	1288.627	-0.57	Visceras	2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009	exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PD
JHU_Ag_23101	ALQLNPK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	44	0.000169074	1	783.475	2.88	Malpighian tubule	2R:+:42299499-42299519;2R:+:42299499-42299519;2R:+:42299499-42299519	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_23949	RNYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	51	6.62E-05	1	1278.709	2.85	Midgut	2R:+:42292220-42292249;2R:+:42292220-42292249;2R:+:42292220-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_23995	SGSSVPPILNRMETFEDPPTYNR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M12(Oxidation)	60	1.80E-05	1	2623.260	5.24	Malpighian tubule	2R:+:42299052-42299120;2R:+:42299052-42299120;2R:+:42299052-42299120	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_24375	METFEDPPTYNR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M1(Oxidation)	79	6.97E-08	2	1515.646	2.77	Salivary gland	2R:+:42299085-42299120;2R:+:42299085-42299120;2R:+:42299085-42299120	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD

JHU_Ag_25279	RNYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	64	2.88E-06	1	1278.705	-0.55	Head	2R:+:42292220-42292249;2R:+:42292220-42292249;2R:+:42292220-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_25764	LHWVEFQSK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	52	0.000111794	1	1173.607	1.46	Salivary gland	2R:+:42300617-42300624,42300720-42300738;2R:+:42300617-42300624,42300720-42300738;2R:+:42300617-42300624,42300720-42300738	exon=> In CDS Exon 7 and 8 of transcript AGAP003711-PC;exon=> In CDS Exon 7 and 8 of transcript AGAP003711-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP003711-PD
JHU_Ag_26799	METFEDPPTYNR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M1(Oxidation)	58	7.09E-06	1	1515.645	1.64	Head	2R:+:42299085-42299120;2R:+:42299085-42299120;2R:+:42299085-42299120	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_27796	ATLYPCPEAPTDR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	C6(Carbamidomethyl)	41	0.000964242	1	1490.694	-0.38	Midgut	2R:+:42298746-42298784;2R:+:42298746-42298784;2R:+:42298746-42298784	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_29759	GMDYAQTPYPFGLDPVWQVAPLNK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M2(Oxidation)	39	0.002139596	2	2723.334	6.15	Head	2R:+:42299520-42299591;2R:+:42299520-42299591;2R:+:42299520-42299591	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_29847	LPAFER	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	35	0.00491011	2	732.403	-1.12	Head	2R:+:42298489-42298506;2R:+:42298489-42298506;2R:+:42298489-42298506	exon=> In CDS Exon 4 of transcript AGAP003711-PC;exon=> In CDS Exon 4 of transcript AGAP003711-PA;exon=> In CDS Exon 4 of transcript AGAP003711-PD
JHU_Ag_31468	NYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	40	0.001340236	2	1122.606	2.09	Malpighian tubule	2R:+:42292223-42292249;2R:+:42292223-42292249;2R:+:42292223-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_31727	ALQLNPK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	33	0.002060936	1	783.473	0.62	Visceras	2R:+:42299499-42299519;2R:+:42299499-42299519;2R:+:42299499-42299519	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_33454	SVFIIFFQGDQLK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	101	6.72E-10	1	1541.837	0.26	Midgut	2R:+:42298674-42298712;2R:+:42298674-42298712;2R:+:42298674-42298712	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_34791	EVNQNAEALK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	47	0.000247121	1	1115.568	-0.69	Head	2R:+:42292190-42292219;2R:+:42292190-42292219;2R:+:42292190-42292219	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD

JHU_Ag_35667	IEDLHTVLGQTQDHR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	Q10(Deamidated),Q12(Deamidated)	105	5.57E-10	1	1761.886	-1.07	Head	2R:+:42298815-42298859;2R:+:42298815-42298859;2R:+:42298815-42298859	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_36155	DGIPMLDTGESPEAPQPR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M5(Oxidation),"M5(Oxidation), Q16(Deamidated)"	106	4.09E-10	1	1925.894	1.77	Head	2R:+:42292085-42292138;2R:+:42292085-42292138;2R:+:42292085-42292138	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_37035	SVFIIFFQGDQLKTR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	83	2.63E-08	1	1799.005	11.29	Malpighian tubule	2R:+:42298674-42298718;2R:+:42298674-42298718;2R:+:42298674-42298718	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_37140	AIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	87	1.86E-08	1	1890.014	1.27	Visceras	2R:+:42298926-42298973;2R:+:42298926-42298973;2R:+:42298926-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_37249	DLNPDVNAFQR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	69	1.64E-06	2	1288.625	-2.65	Midgut	2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009	exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PD
JHU_Ag_39470	METFEDPPTYNR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M1(Oxidation)	60	8.15E-06	1	1499.654	4.7	Malpighian tubule	2R:+:42299085-42299120;2R:+:42299085-42299120;2R:+:42299085-42299120	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_39939	DLNPDVNAFQR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	42	0.000830366	2	1288.629	0.95	Ovary	2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009	exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PD
JHU_Ag_43162	SVFIIFFQGDQLK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	87	1.53E-08	1	1541.838	1.13	Malpighian tubule	2R:+:42298674-42298712;2R:+:42298674-42298712;2R:+:42298674-42298712	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD

JHU_Ag_43590	RNYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	56	1.73E-05	1	1278.709	2.56	Ovary	2R:+:42292220-42292249;2R:+:42292220-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_44180	SGSSVPPILNR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	55	2.14E-05	1	1126.627	4.62	Malpighian tubule	2R:+:42299052-42299084;2R:+:42299052-42299084;2R:+:42299052-42299084	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_44447	DLNPDVNAFQR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	50	0.000144187	2	1288.628	-0.19	Malpighian tubule	2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009	exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PD
JHU_Ag_46380	NYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	51	9.69E-05	1	1122.604	-0.57	Midgut	2R:+:42292223-42292249;2R:+:42292223-42292249;2R:+:42292223-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_46768	ATLYPCPEAPTDR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	C6(Carbamidomethyl)	60	1.14E-05	1	1490.697	1.58	Malpighian tubule	2R:+:42298746-42298784;2R:+:42298746-42298784;2R:+:42298746-42298784	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_48630	DLNPDVNAFQR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	60	1.36E-05	2	1288.631	2.37	Salivary gland	2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009	exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PD
JHU_Ag_50162	APDEHTGDCSPYMFAGQSGLQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	C9(Carbamidomethyl), M13(Oxidation)	34	0.002459659	1	2412.029	2.29	Larva	2R:+:42299883-42299948;2R:+:42299883-42299948;2R:+:42299883-42299948	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_52798	AIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	123	4.11E-12	1	1890.016	2.12	Head	2R:+:42298926-42298973;2R:+:42298926-42298973;2R:+:42298926-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD

JHU_Ag_62958	KDGIPMLDTGESPEAPQPR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M6(Oxidation)	57	3.13E-05	1	2053.985	-0.4	Midgut	2R:+:42292082-42292138;2R:+:42292082-42292138;2R:+:42292082-42292138	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_64914	FTHAFQALINAYGVASYR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	133	6.18E-13	1	2029.034	2.48	Malpighian tubule	2R:+:42299130-42299183;2R:+:42299130-42299183;2R:+:42299130-42299183	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_65534	IKAIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	78	5.74E-08	1	2131.201	4.47	Malpighian tubule	2R:+:42298920-42298973;2R:+:42298920-42298973;2R:+:42298920-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_67198	IEDLHTVLGQTQDHRHR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	88	2.18E-08	1	2055.053	2.29	Malpighian tubule	2R:+:42298815-42298865;2R:+:42298815-42298865;2R:+:42298815-42298865	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_69458	QAMIEDPLEDPSNGDKVYK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	Q1(Deamidated), M3(Oxidation)	34	0.003858922	1	2165.980	-4.82	Midgut	2R:+:42298546-42298584,42298656-42298673;2R:+:42298546-42298584,42298656-42298673;2R:+:42298546-42298584,42298656-42298673	exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PD
JHU_Ag_69578	VLVAAAK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	30	0.002168799	1	671.446	1.62	Malpighian tubule	2R:+:42298866-42298886;2R:+:42298866-42298886;2R:+:42298866-42298886	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_70015	FTHAFQALINAYGVASYR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	Q6(Deamidated)	49	0.000185359	1	2029.031	1.15	Head	2R:+:42299130-42299183;2R:+:42299130-42299183;2R:+:42299130-42299183	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_70090	ALQLNPK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	43	0.000209307	1	783.474	2.4	Larva	2R:+:42299499-42299519;2R:+:42299499-42299519;2R:+:42299499-42299519	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_72122	DGIPMLDTGESPEAPQPR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M5(Oxidation)	85	4.45E-08	2	1925.899	4.05	Malpighian tubule	2R:+:42292085-42292138;2R:+:42292085-42292138;2R:+:42292085-42292138	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_74575	AIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	69	1.11E-06	1	1890.017	2.53	Salivary gland	2R:+:42298926-42298973;2R:+:42298926-42298973;2R:+:42298926-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD

JHU_Ag_75349	FTHAFQALINAYGVASYR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	100	1.72E-09	1	2029.022	-3.36	Midgut	2R:+:42299130-42299183;2R:+:42299130-42299183;2R:+:42299130-42299183	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_77118	ATLYPCPEAPTDRR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	C6(Carbamidomethyl)	32	0.009649854	1	1646.793	-1.86	Head	2R:+:42298746-42298787;2R:+:42298746-42298787;2R:+:42298746-42298787	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_77464	IEDLHTVLGQTQDHR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	89	2.04E-08	1	1761.892	2.05	Malpighian tubule	2R:+:42298815-42298859;2R:+:42298815-42298859;2R:+:42298815-42298859	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_84264	METFEDPPTYNR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M1(Oxidation)	64	2.02E-06	2	1515.642	-0.05	Midgut	2R:+:42299085-42299120;2R:+:42299085-42299120;2R:+:42299085-42299120	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_84384	EVNQNAEALKR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	63	6.75E-06	1	1271.669	-0.84	Midgut	2R:+:42292190-42292222;2R:+:42292190-42292222;2R:+:42292190-42292222	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_84687	FTHAFQALINAYGVASYR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	50	0.000143329	3	2029.035	2.68	Visceras	2R:+:42299130-42299183;2R:+:42299130-42299183;2R:+:42299130-42299183	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_86179	IEDLHTVLGQTQDHR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	100	1.71E-09	1	1761.893	2.88	Larva	2R:+:42298815-42298859;2R:+:42298815-42298859;2R:+:42298815-42298859	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_86508	AIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	49	0.000129876	1	1890.013	0.69	Male reproductive organs	2R:+:42298926-42298973;2R:+:42298926-42298973;2R:+:42298926-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_88654	ERLPAFER	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	36	0.004493753	1	1017.551	3.53	Malpighian tubule	2R:+:42298483-42298506;2R:+:42298483-42298506;2R:+:42298483-42298506	exon=> In CDS Exon 4 of transcript AGAP003711-PC;exon=> In CDS Exon 4 of transcript AGAP003711-PA;exon=> In CDS Exon 4 of transcript AGAP003711-PD
JHU_Ag_89124	METFEDPPTYNR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	40	0.000700378	2	1499.649	1.52	Ovary	2R:+:42299085-42299120;2R:+:42299085-42299120;2R:+:42299085-42299120	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_93047	KSDNEIWNIFFGGR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	91	1.33E-08	2	1682.838	5.76	Larva	2R:+:42299322-42299363;2R:+:42299322-42299363;2R:+:42299322-42299363	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD

JHU_Ag_93083	EMIDLEATFEKLENELR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	35	0.005315407	1	2080.027	0.27	Midgut	2R:+:42292139-42292189;2R:+:42292139-42292189;2R:+:42292139-42292189	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_95200	DGIPMLDTGESPEAPQPR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M5(Oxidation)	101	1.27E-09	1	1925.891	-0.13	Midgut	2R:+:42292085-42292138;2R:+:42292085-42292138;2R:+:42292085-42292138	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_100569	IIFQNAYK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	36	0.0015663	2	996.557	5.32	Larva	2R:+:42299592-42299615;2R:+:42299592-42299615;2R:+:42299592-42299615	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_101729	KFVNEVR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	43	0.000495888	2	891.507	2.08	Malpighian tubule	2R:+:42292010-42292030;2R:+:42292010-42292030;2R:+:42292010-42292030	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_105737	IEDLHTVLGQTQDHR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	104	6.10E-10	1	1761.892	2.57	Salivary gland	2R:+:42298815-42298859;2R:+:42298815-42298859;2R:+:42298815-42298859	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_107751	NLKNWFVK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	35	0.001825694	1	1048.598	3.89	Malpighian tubule	2R:+:42298887-42298910;2R:+:42298887-42298910;2R:+:42298887-42298910	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_109927	NYLELTELK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	62	6.65E-06	1	1122.607	2.96	Visceras	2R:+:42292223-42292249;2R:+:42292223-42292249;2R:+:42292223-42292249	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_111532	DLNPDVNAFQR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	68	1.99E-06	1	1288.630	1.8	Head	2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009;2R:+:42291881-42291883,42291980-42292009	exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003711-PD
JHU_Ag_113052	ATLYPCPEAPTDR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	C6(Carbamidomethyl)	51	8.82E-05	1	1490.695	0.6	Salivary gland	2R:+:42298746-42298784;2R:+:42298746-42298784;2R:+:42298746-42298784	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD

JHU_Ag_113337	QAMIEDPLEDPSNGDKVYK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M3(Oxidation)	49	0.000165628	1	2165.019	5.67	Malpighian tubule	2R:+:42298546-42298584,42298656-42298673;2R:+:42298546-42298584,42298656-42298673;2R:+:42298546-42298584,42298656-42298673	exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003711-PD
JHU_Ag_114594	SVFIIFFQGDQLK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	60	8.31E-06	2	1541.844	5.25	Male reproductive organs	2R:+:42298674-42298712;2R:+:42298674-42298712;2R:+:42298674-42298712	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_114720	AIYHTLNLFNLDVTQK	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	102	5.18E-10	1	1890.017	2.44	Midgut	2R:+:42298926-42298973;2R:+:42298926-42298973;2R:+:42298926-42298973	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_115009	SDNEIWNIFFGGR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	44	0.000534999	1	1554.735	0.74	Salivary gland	2R:+:42299325-42299363;2R:+:42299325-42299363;2R:+:42299325-42299363	exon=> In CDS Exon 5 of transcript AGAP003711-PC;exon=> In CDS Exon 5 of transcript AGAP003711-PA;exon=> In CDS Exon 5 of transcript AGAP003711-PD
JHU_Ag_115063	NYLELTELKHILR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	88	7.15E-09	1	1641.944	7.35	Malpighian tubule	2R:+:42292223-42292261;2R:+:42292223-42292261;2R:+:42292223-42292261	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_115702	EVNQNAEALKR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	72	9.13E-07	1	1271.671	0.22	Malpighian tubule	2R:+:42292190-42292222;2R:+:42292190-42292222;2R:+:42292190-42292222	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_116528	DGIPMLDTGESPEAPQPR	AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	M5(Oxidation)	41	0.001220791	2	1925.891	-0.26	Ovary	2R:+:42292085-42292138;2R:+:42292085-42292138;2R:+:42292085-42292138	exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_2910	LGFVAGVILR	AGAP003711-PC,AGAP003711-PD	-	65	4.94E-07	2	1044.656	-0.42	Midgut	2R:+:42294291-42294295,42298458-42298482;2R:+:42294291-42294295,42298458-42298482	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PD
JHU_Ag_30929	LGFVAGVILR	AGAP003711-PC,AGAP003711-PD	-	78	1.18E-08	2	1044.661	4.02	Malpighian tubule	2R:+:42294291-42294295,42298458-42298482;2R:+:42294291-42294295,42298458-42298482	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PD

JHU_Ag_76319	AGGAGAQGQNLKLGFVAGVILR	AGAP003711-PC,AGAP003711-PD	-	51	1.51E-05	1	2097.201	3.8	Malpighian tubule	2R:+:42294255-42294295,42298458-42298482;2R:+:42294255-42294295,42298458-42298482	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PD
JHU_Ag_85804	AGGAGAQGQNLK	AGAP003711-PC,AGAP003711-PD	-	54	4.26E-05	1	1071.557	2.31	Malpighian tubule	2R:+:42294255-42294290;2R:+:42294255-42294290	exon=> In CDS Exon 3 of transcript AGAP003711-PC;exon=> In CDS Exon 3 of transcript AGAP003711-PD
JHU_Ag_88007	LGFVAGVILR	AGAP003711-PC,AGAP003711-PD	-	73	3.15E-08	2	1044.659	2.62	Head	2R:+:42294291-42294295,42298458-42298482;2R:+:42294291-42294295,42298458-42298482	exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP003711-PD
JHU_Ag_91551	AGGAGAQGQNLK	AGAP003711-PC,AGAP003711-PD	-	39	0.001486	2	1071.552	-1.68	Head	2R:+:42294255-42294290;2R:+:42294255-42294290	exon=> In CDS Exon 3 of transcript AGAP003711-PC;exon=> In CDS Exon 3 of transcript AGAP003711-PD
JHU_Ag_56320	DGQFDYDAEK	AGAP003712-PA	-	35	0.000787169	2	1187.487	1.63	Head	2R:-:42303776-42303747	exon=> In CDS Exon 2 of transcript AGAP003712-PA
JHU_Ag_20776	SIDLVYPLK	AGAP003713-PA	-	44	0.000233503	1	1047.610	1.64	Larva	2R:-:42307211-42307185	exon=> In CDS Exon 1 of transcript AGAP003713-PA
JHU_Ag_21709	SIDLVYPLKGQVGR	AGAP003713-PA	-	73	1.99E-07	1	1544.878	-0.87	Midgut	2R:-:42307211-42307364,42306933-42307092	exon=> In CDS Exon 2 and 1 of transcript AGAP003713-PA
JHU_Ag_49315	SIDLVYPLK	AGAP003713-PA	-	50	5.10E-05	1	1047.608	-0.34	Midgut	2R:-:42307211-42307185	exon=> In CDS Exon 1 of transcript AGAP003713-PA
JHU_Ag_96959	SIDLVYPLK	AGAP003713-PA	-	32	0.003275616	2	1047.610	1.1	Malpighian tubule	2R:-:42307211-42307185	exon=> In CDS Exon 1 of transcript AGAP003713-PA
JHU_Ag_105092	SGTILQVK	AGAP003713-PA	-	45	0.000249952	2	845.509	0.23	Midgut	2R:-:42307235-42307212	exon=> In CDS Exon 1 of transcript AGAP003713-PA
JHU_Ag_13402	TVVIVQSPDGGR	AGAP003715-PA	-	45	0.000313201	2	1227.670	0.39	Head	2R:-:42406307-42406272	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_16235	TLFASQLEYEENVDNFVTKPSSSAR	AGAP003715-PA	-	67	3.16E-06	1	2832.361	-2.78	Head	2R:-:42405617-42405543	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_20511	TLFASQLEYEENVDNFVTKPSSSAR	AGAP003715-PA	-	43	0.000614146	1	2832.380	3.88	Malpighian tubule	2R:-:42405617-42405543	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_38845	STQFSSPTHQFSGASTANPSPR	AGAP003715-PA	-	105	4.52E-10	2	2292.065	0.41	Head	2R:-:42404783-42404718	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_62575	SGDIFGDILGQQGYSFGSTK	AGAP003715-PA	-	63	8.93E-06	2	2076.993	2.58	Head	2R:-:42404561-42404502	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_70375	SSQGRPAPEESPAPVPK	AGAP003715-PA	-	44	0.000730271	1	1733.880	-1.11	Head	2R:-:42405362-42405312	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_72013	LSVYNLVGR	AGAP003715-PA	-	40	0.000929564	2	1020.583	-0.26	Head	2R:-:42406487-42406461	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_85703	APEQLDTWANYPIGIK	AGAP003715-PA	-	85	5.14E-08	2	1815.929	0.95	Head	2R:-:42407342-42407295	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_91444	IEETYDLLGGLSPPVVK	AGAP003715-PA	-	43	0.00034919	2	1829.996	3.38	Head	2R:-:42405311-42405261	exon=> In CDS Exon 3 of transcript AGAP003715-PA
JHU_Ag_91964	GGYNYLQFR	AGAP003716-PA	-	37	0.003005128	1	1117.543	0.64	Male reproductive organs	2R:+:42411794-42411820	exon=> In CDS Exon 4 of transcript AGAP003716-PA
JHU_Ag_23251	KLEIDNGAELTEEFLHEELHPR	AGAP003716-PA,AGAP003717-PA	N6(Deamidated)	104	5.27E-10	1	2619.301	-1.67	Ovary	2R:+:42412085-42412150;2R:+:42415705-42415770	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA

JHU_Ag_23411	KLNLRPQFSKPK	AGAP003716-PA,AGAP003717-PA	-	46	3.40E-05	1	1455.879	-0.4	Malpighian tubule	2R:+:42412151-42412186;2R:+:42415771-42415806	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_35029	ADNIELTGLPAQIPTDHAR	AGAP003716-PA,AGAP003717-PA	N3(Deamidated)	100	1.22E-09	1	2032.054	3.75	Midgut	2R:+:42411857-42411913;2R:+:42415477-42415533	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_35865	IPTGYAWLLMSWVPESATVR	AGAP003716-PA,AGAP003717-PA	M10(Oxidation)	79	1.51E-07	1	2293.172	1.32	Midgut	2R:+:42411437-42411496;2R:+:42415057-42415116	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_38364	ADNIELTGLPAQIPTDHAR	AGAP003716-PA,AGAP003717-PA	-	70	1.32E-06	1	2032.044	-0.91	Ovary	2R:+:42411857-42411913;2R:+:42415477-42415533	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_60152	KLEIDNGAELTEEFLHEELHPR	AGAP003716-PA,AGAP003717-PA	N6(Deamidated)	67	3.12E-06	1	2620.282	-2.65	Midgut	2R:+:42412085-42412150;2R:+:42415705-42415770	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_65093	LVSHSDVKR	AGAP003716-PA,AGAP003717-PA	-	40	0.000684277	1	1040.584	-0.35	Male reproductive organs	2R:+:42411256-42411282;2R:+:42414876-42414902	exon=> In CDS Exon 3 of transcript AGAP003716-PA;exon=> In CDS Exon 3 of transcript AGAP003717-PA
JHU_Ag_71612	IDLEEEKIHLVK	AGAP003716-PA,AGAP003717-PA	-	44	0.000215083	1	1465.826	0.2	Ovary	2R:+:42411821-42411856;2R:+:42415441-42415476	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_73274	GPFSATIEK	AGAP003716-PA,AGAP003717-PA	-	57	3.21E-05	2	949.498	-0.73	Male reproductive organs	2R:+:42412037-42412063;2R:+:42415657-42415683	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_77889	ADNIELTGLPAQIPTDHAR	AGAP003716-PA,AGAP003717-PA	-	79	1.49E-07	2	2032.049	1.77	Malpighian tubule	2R:+:42411857-42411913;2R:+:42415477-42415533	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_87038	ADNIELTGLPAQIPTDHAR	AGAP003716-PA,AGAP003717-PA	-	65	4.11E-06	1	2032.051	2.51	Head	2R:+:42411857-42411913;2R:+:42415477-42415533	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_90816	IHLVK	AGAP003716-PA,AGAP003717-PA	-	31	0.000933661	1	609.408	-0.63	Head	2R:+:42411842-42411856;2R:+:42415462-42415476	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_91634	DYDTLVRPLIEESTPCYILYR	AGAP003716-PA,AGAP003717-PA	C16(Carbamidomethyl)	34	0.005443812	1	2616.315	5.34	Head	2R:+:42411295-42411356,42411424-42411424;2R:+:42414915-42414976,42415044-42415044	exon=> In CDS Exon 3 and 4 of transcript AGAP003716-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003717-PA
JHU_Ag_91924	YHLYIFK	AGAP003716-PA,AGAP003717-PA	-	41	0.000615697	1	983.536	1.4	Head	2R:+:42411914-42411934;2R:+:42415534-42415554	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_97457	ADNIELTGLPAQIPTDHAR	AGAP003716-PA,AGAP003717-PA	-	61	1.07E-05	1	2032.042	-2.08	Male reproductive organs	2R:+:42411857-42411913;2R:+:42415477-42415533	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_101957	ADNIELTGLPAQIPTDHAR	AGAP003716-PA,AGAP003717-PA	-	87	2.41E-08	1	2032.051	2.42	Salivary gland	2R:+:42411857-42411913;2R:+:42415477-42415533	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_114482	KLEIDNGAELTEEFLHEELHPR	AGAP003716-PA,AGAP003717-PA	N6(Deamidated)	66	3.71E-06	1	2619.322	6.43	Malpighian tubule	2R:+:42412085-42412150;2R:+:42415705-42415770	exon=> In CDS Exon 4 of transcript AGAP003716-PA;exon=> In CDS Exon 4 of transcript AGAP003717-PA
JHU_Ag_79741	GASSLGSGSAGTAAHSNPAETMAK	AGAP003718-PA	M22(Oxidation)	49	0.000162036	1	2176.000	3.06	Head	2R:-:42422935-42422864	exon=> In CDS Exon 1 of transcript AGAP003718-PA
JHU_Ag_1155	VGPLPWLEPFTDDAIK	AGAP003719-PA	-	51	9.11E-05	2	1797.947	2.67	Head	2R:-:42425714-42425667	exon=> In CDS Exon 3 of transcript AGAP003719-PA

JHU_Ag_4400	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	68	1.92E-06	1	2049.081	2.07	Pupa	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_4716	VVLFSQYPQYSCATSGSSFNAIYTHFK	AGAP003719-PA	C12(Carbamidomethyl)	47	0.000282392	1	3102.469	0.9	Midgut	2R:-:42426080-42426000	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_5912	DMIQLPVQSK	AGAP003719-PA	M2(Oxidation)	50	0.00017913	2	1174.612	-1.25	Head	2R:-:42426456-42426578,42425355-42426315	exon=> In CDS Exon 3 and 2 of transcript AGAP003719-PA
JHU_Ag_7172	YVNPLTEDTFR	AGAP003719-PA	-	44	0.000481138	2	1354.669	3.65	Male reproductive organs	2R:-:42426140-42426108	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_9858	YVNPLTEDTFREVER	AGAP003719-PA	-	61	1.12E-05	1	1867.923	2.26	Malpighian tubule	2R:-:42426140-42426096	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_18778	MHSLLK	AGAP003719-PA	-	30	0.003685649	1	728.418	7.82	Midgut	2R:-:42426719-42426702	exon=> In CDS Exon 1 of transcript AGAP003719-PA
JHU_Ag_19480	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	54	4.33E-05	1	2049.074	-1.41	Ovary	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_19649	VVLFSQYPQYSCATSGSSFNAIYTHFK	AGAP003719-PA	C12(Carbamidomethyl)	74	5.31E-07	1	3102.475	2.79	Visceras	2R:-:42426080-42426000	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_26143	VGPLPWLEPFTDDAIK	AGAP003719-PA	-	58	1.80E-05	1	1797.945	1.72	Salivary gland	2R:-:42425714-42425667	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_26668	TAVVMLNMGGPQNTDQVHDYLHR	AGAP003719-PA	M5(Oxidation), M8(Oxidation)	69	1.47E-06	1	2628.223	-2.38	Head	2R:-:42426540-42426472	exon=> In CDS Exon 2 of transcript AGAP003719-PA
JHU_Ag_30655	TFADNIRK	AGAP003719-PA	-	37	0.002603388	1	964.521	-0.5	Midgut	2R:-:42425921-42425898	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_31870	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	52	6.39E-05	1	2049.089	6.01	Larva	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_32260	LGPWIAK	AGAP003719-PA	-	41	0.000249058	2	784.471	-0.27	Malpighian tubule	2R:-:42426314-42426294	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_33097	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	89	1.50E-08	1	2049.082	2.88	Visceras	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_39071	KYSEIGGGSPILK	AGAP003719-PA	-	42	0.000536412	2	1348.750	2.42	Malpighian tubule	2R:-:42426269-42426231	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_40751	VVLFSQYPQYSCATSGSSFNAIYTHFK	AGAP003719-PA	C12(Carbamidomethyl)	54	6.41E-05	1	3102.468	0.31	Salivary gland	2R:-:42426080-42426000	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_43774	DVVLLFSAHSLPLR	AGAP003719-PA	-	113	1.34E-11	1	1566.900	0.08	Midgut	2R:-:42425864-42425823	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_43878	VVLFSQYPQYSCATSGSSFNAIYTHFK	AGAP003719-PA	C12(Carbamidomethyl)	70	1.56E-06	1	3102.472	1.73	Malpighian tubule	2R:-:42426080-42426000	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_45651	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	71	8.92E-07	1	2049.077	0.29	Salivary gland	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_48403	YVNPLTEDTFR	AGAP003719-PA	-	48	0.000185939	2	1354.665	0.95	Salivary gland	2R:-:42426140-42426108	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_50888	LGPWIAK	AGAP003719-PA	-	47	5.68E-05	1	784.472	-0.03	Male reproductive organs	2R:-:42426314-42426294	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_51210	YVNPLTEDTFR	AGAP003719-PA	-	57	2.73E-05	1	1354.666	1.58	Head	2R:-:42426140-42426108	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_51740	YSEIGGGSPILK	AGAP003719-PA	-	43	0.000667372	1	1220.650	-1.53	Ovary	2R:-:42426266-42426231	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_53722	YVNPLTEDTFR	AGAP003719-PA	-	62	8.15E-06	2	1354.664	0.41	Midgut	2R:-:42426140-42426108	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_54429	YSEIGGGSPILK	AGAP003719-PA	-	45	0.000417559	2	1220.652	-0.43	Midgut	2R:-:42426266-42426231	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_58510	YSEIGGGSPILK	AGAP003719-PA	-	35	0.003592773	1	1220.660	6.07	Malpighian tubule	2R:-:42426266-42426231	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_63445	YVNPLTEDTFR	AGAP003719-PA	-	54	5.28E-05	1	1354.667	2.66	Malpighian tubule	2R:-:42426140-42426108	exon=> In CDS Exon 3 of transcript AGAP003719-PA

JHU_Ag_65405	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	76	2.95E-07	1	2049.077	0.38	Male reproductive organs	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_67195	HSLLK	AGAP003719-PA	-	31	0.001931701	1	597.372	-0.11	Head	2R:-:42426716-42426702	exon=> In CDS Exon 1 of transcript AGAP003719-PA
JHU_Ag_68294	ENPLNGLAQAR	AGAP003719-PA	N5(Deamidated)	46	0.000278612	2	1183.603	-2.7	Midgut	2R:-:42425999-42425967	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_69736	WSVIDRWGTHPLLAK	AGAP003719-PA	-	59	1.05E-05	1	1778.972	1.02	Malpighian tubule	2R:-:42425966-42425922	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_69865	VGPLPWLEPFTDDAIK	AGAP003719-PA	-	95	3.38E-09	1	1797.955	7.02	Larva	2R:-:42425714-42425667	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_71760	TAVVMLNMGGPQNTDQVHDYLHR	AGAP003719-PA	M5(Oxidation), M8(Oxidation)	60	1.16E-05	1	2628.225	-1.69	Midgut	2R:-:42426540-42426472	exon=> In CDS Exon 2 of transcript AGAP003719-PA
JHU_Ag_74034	IMTDRDMIQLPVQSK	AGAP003719-PA	M2(Oxidation), M7(Oxidation)	46	0.000367718	1	1806.908	-0.62	Midgut	2R:-:42426471-42426578,42425355-42426315	exon=> In CDS Exon 3 and 2 of transcript AGAP003719-PA
JHU_Ag_75941	VGPLPWLEPFTDDAIK	AGAP003719-PA	-	59	1.51E-05	1	1797.940	-1.06	Male reproductive organs	2R:-:42425714-42425667	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_90374	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	83	6.34E-08	1	2049.077	0.29	Midgut	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_90637	VVLFSQYPQYSCATSGSSFNAIYTHFK	AGAP003719-PA	C12(Carbamidomethyl)	89	1.83E-08	1	3102.480	4.21	Head	2R:-:42426080-42426000	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_91337	YVNPLTEDTFR	AGAP003719-PA	-	67	2.30E-06	1	1354.665	1.13	Ovary	2R:-:42426140-42426108	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_95968	VGPLPWLEPFTDDAIK	AGAP003719-PA	-	96	3.14E-09	1	1797.938	-2.62	Midgut	2R:-:42425714-42425667	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_96093	AAAPNDHPLFIEALTDVVRHHLANGSTVGPK	AGAP003719-PA	N24(Deamidated)	90	4.56E-09	1	3247.710	4.04	Malpighian tubule	2R:-:42425525-42425433	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_107789	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	80	1.14E-07	1	2049.085	4.04	Head	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_110004	TAVVMLNMGGPQNTDQVHDYLHR	AGAP003719-PA	M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	113	9.00E-11	1	2612.242	2.97	Malpighian tubule	2R:-:42426540-42426472	exon=> In CDS Exon 2 of transcript AGAP003719-PA
JHU_Ag_111096	YSEIGGGSPILK	AGAP003719-PA	-	43	0.000595644	1	1220.653	0.37	Male reproductive organs	2R:-:42426266-42426231	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_113686	AAAPNDHPLFIEALTDVVR	AGAP003719-PA	-	80	1.27E-07	1	2049.081	2.43	Malpighian tubule	2R:-:42425525-42425469	exon=> In CDS Exon 3 of transcript AGAP003719-PA
JHU_Ag_8783	LGTDESVFYK	AGAP003720-PA	-	58	1.77E-05	2	1158.567	-0.5	Ovary	2R:-:42429046-42429017	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_11634	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	110	1.37E-10	1	3091.553	0.19	Head	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_43537	LGTDESVFYK	AGAP003720-PA	-	53	5.58E-05	2	1158.568	0.55	Pupa	2R:-:42429046-42429017	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_58711	QDPSEPADPDLAVEQAK	AGAP003720-PA	-	82	8.72E-08	2	1809.850	0.03	Pupa	2R:-:42429124-42429074	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_61456	LGTDESVFYK	AGAP003720-PA	-	41	0.000916902	1	1158.568	0.4	Head	2R:-:42429046-42429017	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_73861	ILAHASFSQLELVFEEYKK	AGAP003720-PA	-	124	3.39E-12	1	2252.197	0.52	Ovary	2R:-:42429016-42428960	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_76362	QDPSEPADPDLAVEQAK	AGAP003720-PA	Q1(Deamidated)	106	4.01E-10	1	1809.853	1.58	Head	2R:-:42429124-42429074	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_78138	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	82	8.92E-08	1	3091.549	-0.99	Midgut	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_78164	QQIEAAFKNELGR	AGAP003720-PA	-	51	9.93E-05	1	1503.794	1.49	Malpighian tubule	2R:-:42429457-42429419	exon=> In CDS Exon 2 of transcript AGAP003720-PA

JHU_Ag_79051	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	102	8.17E-10	1	3091.550	-0.88	Male reproductive organs	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_79483	LLTLIITGTR	AGAP003720-PA	-	36	6.58E-05	2	1100.706	2.07	Salivary gland	2R:-:42429154-42429125	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_80248	ILAHASFSQLELVFEEYKK	AGAP003720-PA	-	122	5.35E-12	1	2252.201	2.04	Pupa	2R:-:42429016-42428960	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_82887	ILAHASFSQLELVFEEYKK	AGAP003720-PA	-	115	2.48E-11	1	2252.190	-2.8	Midgut	2R:-:42429016-42428960	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_83809	QDPSEPADPDLAVEQAK	AGAP003720-PA	-	82	9.01E-08	2	1809.850	-0.31	Midgut	2R:-:42429124-42429074	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_86369	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	53	5.87E-05	1	3091.556	1.14	Visceras	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_90581	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	38	0.001400994	1	3091.578	8.36	Larva	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_91680	TYETMYDRPLAEHVCTETSGSFR	AGAP003720-PA	M5(Oxidation), C15(Carbamidomethyl)	64	2.45E-06	1	2766.205	-3.25	Head	2R:-:42429226-42429158	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_94910	LLTLIITGTR	AGAP003720-PA	-	58	4.20E-07	2	1100.704	0.52	Head	2R:-:42429154-42429125	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_95586	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	92	7.55E-09	1	3091.553	0.31	Pupa	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_97439	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	138	2.03E-13	1	3091.564	3.86	Malpighian tubule	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_98122	LLTLIITGTR	AGAP003720-PA	-	49	3.18E-06	2	1100.704	0.19	Pupa	2R:-:42429154-42429125	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_98790	SWYYVPKPTVVPAENFNPSEDAAALRK	AGAP003720-PA	N-Term(Acetyl)	67	2.15E-06	1	3091.566	4.45	Salivary gland	2R:-:42429963-42429966,42428702-42429530	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_102217	SWYYVPKPTVVPAENFNPSEDAAALR	AGAP003720-PA	N-Term(Acetyl)	42	0.000902019	2	2963.468	3.48	Head	2R:-:42429963-42429966,42428702-42429533	exon=> In CDS Exon 2 and 1 of transcript AGAP003720-PA
JHU_Ag_106176	AEISGDFYDALSAIVECVQMAPHFFAK	AGAP003720-PA	C17(Carbamidomethyl), M20(Oxidation)	56	3.47E-05	1	3032.427	3.37	Ovary	2R:-:42428926-42428846	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_111098	ALIEILCSQDNDQMHEIAR	AGAP003720-PA	C7(Carbamidomethyl), M14(Oxidation)	72	1.05E-06	1	2272.077	3.19	Head	2R:-:42429283-42429227	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_113076	ILAHASFSQLELVFEEYKK	AGAP003720-PA	-	150	8.42E-15	1	2252.200	1.5	Head	2R:-:42429016-42428960	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_114387	QDPSEPADPDLAVEQAK	AGAP003720-PA	-	101	1.14E-09	1	1809.850	0.03	Ovary	2R:-:42429124-42429074	exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_369	DPQGTVDPELAVEQAK	AGAP003721-PA	-	111	1.09E-10	2	1696.837	-0.93	Midgut	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_2266	SLIEIICPQTNDQIR	AGAP003721-PA	C7(Carbamidomethyl)	53	6.95E-05	2	1799.932	0.19	Midgut	2R:-:42432091-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_4069	QEIAEAFK	AGAP003721-PA	-	34	0.00638048	2	935.482	-1.76	Head	2R:-:42432329-42432306	exon=> In CDS Exon 2 of transcript AGAP003721-PA
JHU_Ag_4789	SEIDLQNIKDEFEQMYNK	AGAP003721-PA	M15(Oxidation)	59	1.79E-05	1	2260.052	3.71	Malpighian tubule	2R:-:42431587-42431534	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_7108	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	126	3.88E-12	1	1450.689	2.89	Malpighian tubule	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_7195	ALCALIGNA	AGAP003721-PA	C3(Carbamidomethyl)	47	0.000348587	1	902.478	1.66	Midgut	2R:-:42431384-42431358	exon=> In CDS Exon 4 of transcript AGAP003721-PA

JHU_Ag_7696	SEIDLQNIKDEFEQMYNK	AGAP003721-PA	M15(Oxidation)	98	2.26E-09	1	2260.052	3.79	Male reproductive organs	2R:-:42431587-42431534	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_8251	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	186	3.45E-18	1	3063.441	-2.33	Midgut	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_9853	DPQGTVDPELAVEQAK	AGAP003721-PA	Q14(Deamidated),Q3(Deamidated)	125	3.71E-12	1	1696.841	0.94	Head	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_11372	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	115	4.55E-11	1	1450.684	-0.47	Head	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_12329	DPQGTVDPELAVEQAK	AGAP003721-PA	-	106	2.95E-10	1	1696.840	0.72	Male reproductive organs	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_17928	QEIAEAFK	AGAP003721-PA	-	43	0.000781073	2	935.483	-0.65	Ovary	2R:-:42432329-42432306	exon=> In CDS Exon 2 of transcript AGAP003721-PA
JHU_Ag_18270	QEIAEAFKR	AGAP003721-PA	-	35	0.004047337	1	1091.584	-0.82	Midgut	2R:-:42432329-42432303	exon=> In CDS Exon 2 of transcript AGAP003721-PA
JHU_Ag_21502	SLIEIICPQTNDQIR	AGAP003721-PA	C7(Carbamidomethyl)	107	2.91E-10	1	1799.933	0.46	Ovary	2R:-:42432091-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_21921	SEIDLQNIKDEFEQMYNK	AGAP003721-PA	M15(Oxidation)	96	3.51E-09	1	2260.047	1.2	Ovary	2R:-:42431587-42431534	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_22000	SWYYTPHPTVVPAEDFDASADANALR	AGAP003721-PA	N-Term(Acetyl)	74	3.71E-07	1	2935.353	-0.29	Head	2R:-:42432622-42432625,42432291-42432405	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_25765	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	172	8.73E-17	1	3063.453	1.55	Pupa	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_27226	SLIEIICPQTNDQIR	AGAP003721-PA	C7(Carbamidomethyl)	72	8.21E-07	1	1799.933	0.32	Male reproductive organs	2R:-:42432091-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_28534	DPQGTVDPELAVEQAK	AGAP003721-PA	-	71	1.10E-06	2	1696.843	2.59	Malpighian tubule	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_31352	ALCALIGNA	AGAP003721-PA	C3(Carbamidomethyl)	47	0.000391121	1	902.478	1.26	Head	2R:-:42431384-42431358	exon=> In CDS Exon 4 of transcript AGAP003721-PA
JHU_Ag_32918	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	155	4.31E-15	1	3063.453	1.43	Malpighian tubule	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_33400	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	95	4.35E-09	1	1450.684	-0.56	Midgut	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_34090	LLTMIIVGSRDPQGTVDPELAVEQAK	AGAP003721-PA	-	40	0.000545819	1	2780.483	-1.14	Head	2R:-:42431962-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_37305	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	122	1.06E-11	1	1450.685	0.54	Male reproductive organs	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_37920	LLTMIIVGSR	AGAP003721-PA	-	71	2.61E-07	2	1102.666	0.65	Pupa	2R:-:42431962-42431933	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_38907	AELSGELYDALSAIVECVQMAPHFFAK	AGAP003721-PA	C17(Carbamidomethyl), M20(Oxidation)	112	8.69E-11	1	3012.446	-0.64	Ovary	2R:-:42431737-42431657	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_40022	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	125	5.15E-12	1	3063.455	2.03	Visceras	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_41580	SLIEIICPQTNDQIR	AGAP003721-PA	C7(Carbamidomethyl)	59	1.87E-05	2	1799.937	2.97	Malpighian tubule	2R:-:42432091-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_43452	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	178	2.13E-17	1	3063.446	-0.66	Head	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_43471	QEIAEAFKR	AGAP003721-PA	-	54	5.45E-05	1	1091.583	-1.03	Ovary	2R:-:42432329-42432303	exon=> In CDS Exon 2 of transcript AGAP003721-PA
JHU_Ag_43844	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	84	5.45E-08	2	1450.683	-1.06	Pupa	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA

JHU_Ag_45001	LLTMIIVGSR	AGAP003721-PA	M4(Oxidation)	75	1.44E-07	1	1118.658	-1.68	Ovary	2R:-:42431962-42431933	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_45519	SEIDLQNIKDEFEQMYNK	AGAP003721-PA	M15(Oxidation)	36	0.003375752	1	2260.041	-1.07	Head	2R:-:42431587-42431534	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_47068	QEIAEAFKR	AGAP003721-PA	-	37	0.002543441	1	1091.585	0.31	Malpighian tubule	2R:-:42432329-42432303	exon=> In CDS Exon 2 of transcript AGAP003721-PA
JHU_Ag_49299	AIVDCYEEMYSRPLAEHLCSETSGSFR	AGAP003721-PA	C5(Carbamidomethyl), M9(Oxidation), C19(Carbamidomethyl)	56	1.66E-05	1	3223.411	-0.7	Ovary	2R:-:42432046-42431966	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_53336	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	78	2.12E-07	1	3063.464	5.02	Salivary gland	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_53861	SLIEIICPQTNDQIR	AGAP003721-PA	C7(Carbamidomethyl)	97	2.87E-09	1	1799.935	1.47	Head	2R:-:42432091-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_54999	SLIEIICPQTNDQIR	AGAP003721-PA	C7(Carbamidomethyl)	60	1.23E-05	1	1799.941	5	Salivary gland	2R:-:42432091-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_57057	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	71	1.24E-06	2	1450.690	3.74	Larva	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_59491	FEDVILGLMLRPEAYLCK	AGAP003721-PA	M9(Oxidation), C17(Carbamidomethyl)	71	1.01E-06	1	2183.122	-0.93	Ovary	2R:-:42432187-42432134	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_62422	AIVDCYEEMYSRPLAEHLCSETSGSFR	AGAP003721-PA	C5(Carbamidomethyl), M9(Oxidation), C19(Carbamidomethyl)	130	6.88E-13	1	3223.414	0.39	Head	2R:-:42432046-42431966	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_62574	LLTMIIVGSR	AGAP003721-PA	-	44	0.000157206	2	1102.663	-2	Head	2R:-:42431962-42431933	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_64646	TLVSAVR	AGAP003721-PA	-	38	0.001875797	2	745.457	0.34	Ovary	2R:-:42431533-42431513	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_65711	DPQGTVDPELAVEQAK	AGAP003721-PA	-	66	3.11E-06	1	1696.844	3.1	Salivary gland	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_66700	LLTMIIVGSR	AGAP003721-PA	M4(Oxidation)	79	4.69E-08	1	1118.660	-0.16	Male reproductive organs	2R:-:42431962-42431933	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_67729	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	107	3.38E-10	1	1450.686	1.04	Ovary	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_71372	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	159	1.98E-15	1	3063.450	0.65	Male reproductive organs	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_79760	SLIEIICPQTNDQIR	AGAP003721-PA	C7(Carbamidomethyl)	59	1.74E-05	1	1799.929	-1.44	Pupa	2R:-:42432091-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_81631	DPQGTVDPELAVEQAK	AGAP003721-PA	-	142	8.34E-14	1	1696.840	0.58	Ovary	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_87113	DPQGTVDPELAVEQAK	AGAP003721-PA	-	101	1.05E-09	2	1696.850	6.55	Larva	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_100010	LLTMIIVGSRDPQGTVDPELAVEQAK	AGAP003721-PA	M4(Oxidation)	94	2.49E-09	1	2796.487	2.11	Malpighian tubule	2R:-:42431962-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_100287	SWYYTPHPTVVPAEDFDASADANALR	AGAP003721-PA	N-Term(Acetyl)	37	0.002130142	1	2935.365	4.01	Pupa	2R:-:42432622-42432625,42432291-42432405	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_102156	DPQGTVDPELAVEQAK	AGAP003721-PA	-	133	5.87E-13	1	1696.841	0.94	Pupa	2R:-:42431932-42431885	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_103984	SWYYTPHPTVVPAEDFDASADANALRK	AGAP003721-PA	N-Term(Acetyl)	171	1.05E-16	1	3063.448	-0.06	Ovary	2R:-:42432622-42432625,42432291-42432402	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_105128	SEIDLQNIKDEFEQMYNK	AGAP003721-PA	-	132	8.36E-13	1	2244.051	0.93	Midgut	2R:-:42431587-42431534	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_107861	RALCALIGNA	AGAP003721-PA	C4(Carbamidomethyl)	40	0.001359306	1	1058.579	1.71	Head	2R:-:42431387-42431358	exon=> In CDS Exon 4 of transcript AGAP003721-PA

JHU_Ag_111947	AMDGVGTDDATLIR	AGAP003721-PA	M2(Oxidation)	88	2.20E-08	2	1450.685	0.29	Salivary gland	2R:-:42431644-42431603	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_111977	SWYYTPHPTVVPAEDFDASADANALR	AGAP003721-PA	N-Term(Acetyl)	140	9.40E-14	1	2935.355	0.45	Ovary	2R:-:42432622-42432625,42432291-42432405	exon=> In CDS Exon 2 and 1 of transcript AGAP003721-PA
JHU_Ag_117759	AMDGIGTDEKSLIEIICPQTNDQIR	AGAP003721-PA	C17(Carbamidomethyl)	40	0.00113445	3	2817.402	9.17	Malpighian tubule	2R:-:42432121-42432047	exon=> In CDS Exon 3 of transcript AGAP003721-PA
JHU_Ag_2324	AMDGIGTDEK	AGAP003721-PA,AGAP003720-PA	M2(Oxidation)	56	1.50E-05	2	1052.456	-0.76	Head	2R:-:42432121-42432092;2R:-:42429313-42429284	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_3121	AMDGIGTDEK	AGAP003721-PA,AGAP003720-PA	M2(Oxidation)	68	1.18E-06	2	1052.457	0.75	Ovary	2R:-:42432121-42432092;2R:-:42429313-42429284	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_64177	AMKGFGTDEQAIIDILCAR	AGAP003721-PA,AGAP003720-PA	M2(Oxidation), C17(Carbamidomethyl)	63	7.99E-06	1	2125.053	5.12	Malpighian tubule	2R:-:42432401-42432345;2R:-:42429529-42429473	exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_87496	AMDGIGTDEK	AGAP003721-PA,AGAP003720-PA	M2(Oxidation)	55	2.24E-05	2	1052.458	1.33	Malpighian tubule	2R:-:42432121-42432092;2R:-:42429313-42429284	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_99064	AMDGIGTDEK	AGAP003721-PA,AGAP003720-PA	M2(Oxidation)	52	4.37E-05	1	1052.456	-0.41	Midgut	2R:-:42432121-42432092;2R:-:42429313-42429284	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_16878	GFGTDEQAIIDILCAR	AGAP003721-PA,AGAP003722-PA,AGAP003720-PA,AGAP012784-PA	C14(Carbamidomethyl)	122	1.06E-11	1	1778.884	5.25	Malpighian tubule	2R:-:42432392-42432345;2R:+:42434470-42434517;2R:-:42429520-42429473;UNKN:-:28950534-28950487	exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_38982	GFGTDEQAIIDILCAR	AGAP003721-PA,AGAP003722-PA,AGAP003720-PA,AGAP012784-PA	C14(Carbamidomethyl)	109	2.14E-10	2	1778.877	1.82	Midgut	2R:-:42432392-42432345;2R:+:42434470-42434517;2R:-:42429520-42429473;UNKN:-:28950534-28950487	exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_62311	GFGTDEQAIIDILCAR	AGAP003721-PA,AGAP003722-PA,AGAP003720-PA,AGAP012784-PA	C14(Carbamidomethyl)	127	3.46E-12	1	1778.879	2.44	Salivary gland	2R:-:42432392-42432345;2R:+:42434470-42434517;2R:-:42429520-42429473;UNKN:-:28950534-28950487	exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA

JHU_Ag_97235	GFGTDEQAIIDILCAR	AGAP003721-PA,AGAP003722-PA,AGAP003720-PA,AGAP012784-PA	C14(Carbamidomethyl)	68	3.00E-06	2	1778.870	-2.44	Pupa	2R:-:42432392-42432345;2R:+:42434470-42434517;2R:-:42429520-42429473;UNKN:-:28950534-28950487	exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_109717	GFGTDEQAIIDILCAR	AGAP003721-PA,AGAP003722-PA,AGAP003720-PA,AGAP012784-PA	C14(Carbamidomethyl)	118	2.74E-11	1	1778.878	2.16	Head	2R:-:42432392-42432345;2R:+:42434470-42434517;2R:-:42429520-42429473;UNKN:-:28950534-28950487	exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_110542	GFGTDEQAIIDILCAR	AGAP003721-PA,AGAP003722-PA,AGAP003720-PA,AGAP012784-PA	C14(Carbamidomethyl)	118	2.90E-11	1	1778.877	1.61	Male reproductive organs	2R:-:42432392-42432345;2R:+:42434470-42434517;2R:-:42429520-42429473;UNKN:-:28950534-28950487	exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_5238	DLIDDLKSELGGK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	89	1.94E-08	1	1402.744	1.22	Head	2R:-:42432226-42432188;2R:+:42434678-42434716;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_13212	DLIDDLK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	42	0.001161234	1	831.447	1.53	Male reproductive organs	2R:-:42432226-42432206;2R:+:42434678-42434698;UNKN:-:28950343-28950323	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_16493	QLYDAGEGK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	33	0.006767835	2	980.468	-0.71	Head	2R:-:42431884-42431858;2R:+:42435020-42435046;UNKN:-:28950001-28949975	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_17868	DLIDDLKSELGGK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	76	3.84E-07	1	1402.755	9.14	Salivary gland	2R:-:42432226-42432188;2R:+:42434678-42434716;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_29093	LGTDEEVFYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	41	0.000792914	2	1200.578	-0.14	Head	2R:-:42431857-42431828;2R:+:42435047-42435076;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA

JHU_Ag_29130	DLIDDLKSELGGK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	75	4.50E-07	1	1402.743	0.26	Midgut	2R:-:42432226-42432188;2R:+:42434678-42434716;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_33751	LGTDEEVFYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	54	3.91E-05	2	1200.584	4.94	Midgut	2R:-:42431857-42431828;2R:+:42435047-42435076;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_36446	DLIDDLK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	49	0.000230928	1	831.449	3.88	Midgut	2R:-:42432226-42432206;2R:+:42434678-42434698;UNKN:-:28950343-28950323	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_37374	LGTDEEVFYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	78	1.48E-07	1	1200.580	1.08	Malpighian tubule	2R:-:42431857-42431828;2R:+:42435047-42435076;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_50230	ILAHASFDQLEIVFEEYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	53	6.30E-05	1	2152.105	4.1	Pupa	2R:-:42431827-42431774;2R:+:42435077-42435130;UNKN:-:28949944-28949891	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_50592	ILAHASFDQLEIVFEEYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	42	0.000931392	1	2152.094	-1	Salivary gland	2R:-:42431827-42431774;2R:+:42435077-42435130;UNKN:-:28949944-28949891	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_55289	LGTDEEVFYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	80	9.98E-08	2	1200.578	-0.24	Pupa	2R:-:42431857-42431828;2R:+:42435047-42435076;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_73628	LGTDEEVFYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	75	3.04E-07	2	1200.578	0.06	Male reproductive organs	2R:-:42431857-42431828;2R:+:42435047-42435076;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_91449	ILAHASFDQLEIVFEEYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	121	1.06E-11	1	2152.105	4.22	Head	2R:-:42431827-42431774;2R:+:42435077-42435130;UNKN:-:28949944-28949891	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA

JHU_Ag_95403	DLIDDLKSELGGK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	94	6.37E-09	1	1402.745	2.09	Pupa	2R:-:42432226-42432188;2R:+:42434678-42434716;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_102873	DLIDDLKSELGGK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	91	1.05E-08	2	1402.744	0.96	Male reproductive organs	2R:-:42432226-42432188;2R:+:42434678-42434716;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_106084	DLIDDLK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	42	0.001121811	1	831.446	0.72	Head	2R:-:42432226-42432206;2R:+:42434678-42434698;UNKN:-:28950343-28950323	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_108768	ILAHASFDQLEIVFEEYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	51	9.90E-05	1	2152.095	-0.49	Midgut	2R:-:42431827-42431774;2R:+:42435077-42435130;UNKN:-:28949944-28949891	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_117303	LGTDEEVFYK	AGAP003721-PA,AGAP003722-PA,AGAP012784-PA	-	61	7.70E-06	1	1200.578	0.06	Salivary gland	2R:-:42431857-42431828;2R:+:42435047-42435076;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_10290	DEFEQMYNK	AGAP003721-PA,AGAP012624-PA,AGAP012625-PA,AGAP003722-PA,AGAP003720-PA	M6(Oxidation)	30	0.002134122	2	1219.495	0.86	Head	2R:-:42431560-42431534;UNKN:-:21460803-21460777;UNKN:+:21467718-21467744;2R:+:42435344-42435370;2R:-:42428749-42428723	exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 1 of transcript AGAP012625-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_80079	SETSGDYKR	AGAP003721-PA,AGAP012625-PA,AGAP003720-PA	-	53	3.33E-05	1	1042.480	-0.22	Male reproductive organs	2R:-:42431411-42431385;UNKN:+:21467841-21467867;2R:-:42428626-42428600	exon=> In CDS Exon 4 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP012625-PA;exon=> In CDS Exon 3 of transcript AGAP003720-PA
JHU_Ag_29049	DLIDDLKSELGGK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	105	4.42E-10	1	1402.743	0.61	Ovary	2R:+:42434678-42434716;2R:-:42432226-42432188;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA

JHU_Ag_35275	LGTDEEVFYK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	73	5.26E-07	1	1200.578	-0.14	Ovary	2R:+:42435047-42435076;2R:-:42431857-42431828;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_38415	DLIDDLKSELGGK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	76	3.92E-07	1	1402.743	0.35	Visceras	2R:+:42434678-42434716;2R:-:42432226-42432188;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_46312	ILAHASFDQLEIVFEEYK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	150	1.37E-14	1	2152.095	-0.65	Ovary	2R:+:42435077-42435130;2R:-:42431827-42431774;UNKN:-:28949944-28949891	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_50989	DLIDDLKSELGGK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	75	4.31E-07	1	1402.750	5.39	Larva	2R:+:42434678-42434716;2R:-:42432226-42432188;UNKN:-:28950343-28950305	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_67765	LGTDEEVFYK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	77	2.06E-07	2	1200.580	0.98	Visceras	2R:+:42435047-42435076;2R:-:42431857-42431828;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_112925	QLYDAGEGK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	44	0.000512719	1	980.469	0.35	Ovary	2R:+:42435020-42435046;2R:-:42431884-42431858;UNKN:-:28950001-28949975	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_116868	LGTDEEVFYK	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA	-	51	6.98E-05	2	1200.579	0.47	Malpighian tubule	2R:+:42435047-42435076;2R:-:42431857-42431828;UNKN:-:28949974-28949945	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP003721-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_38471	GFGTDEQAIIDILCAR	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA,AGAP003720-PA	C14(Carbamidomethyl)	98	2.73E-09	1	1778.884	5.66	Larva	2R:+:42434470-42434517;2R:-:42432392-42432345;UNKN:-:28950534-28950487;2R:-:42429520-42429473	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA

JHU_Ag_52699	GFGTDEQAIIDILCAR	AGAP003722-PA,AGAP003721-PA,AGAP012784-PA,AGAP003720-PA	C14(Carbamidomethyl)	125	6.21E-12	1	1778.873	-0.93	Ovary	2R:+:42434470-42434517;2R:-:42432392-42432345;UNKN:-:28950534-28950487;2R:-:42429520-42429473	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP003721-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_1200	ILAHASFDQLEIVFEEYKK	AGAP003722-PA,AGAP012784-PA	-	112	5.76E-11	1	2280.196	2.08	Ovary	2R:+:42435077-42435133;UNKN:-:28949944-28949888	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_2915	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	127	3.78E-12	1	1630.796	2.37	Salivary gland	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_8922	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	125	5.11E-12	1	2533.246	4.84	Male reproductive organs	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_10132	IVDCYEEMYGRPLAEHLCSETDGSFRR	AGAP003722-PA,AGAP012784-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	66	2.31E-06	1	3290.471	1.38	Malpighian tubule	2R:+:42434861-42434941;UNKN:-:28950160-28950080	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_11130	ILAHASFDQLEIVFEEYKK	AGAP003722-PA,AGAP012784-PA	-	105	3.39E-10	1	2280.189	-0.9	Salivary gland	2R:+:42435077-42435133;UNKN:-:28949944-28949888	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_14247	FEDVIVGLMMPPEK	AGAP003722-PA,AGAP012784-PA	M9(Oxidation), M10(Oxidation)	98	2.94E-09	1	1636.799	1.86	Ovary	2R:+:42434717-42434758;UNKN:-:28950304-28950263	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_17241	LLTMIIVGAR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	70	3.04E-07	2	1102.670	4.3	Larva	2R:+:42434942-42434971;UNKN:-:28950079-28950050	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_21110	FEDVIVGLMMPPEK	AGAP003722-PA,AGAP012784-PA	M10(Oxidation)	73	9.22E-07	2	1620.803	1.15	Head	2R:+:42434717-42434758;UNKN:-:28950304-28950263	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_24456	QQIMEQYSSELGR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	72	8.55E-07	2	1584.732	-0.05	Ovary	2R:+:42434533-42434571;UNKN:-:28950471-28950433	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_24772	GAMKGFGTDEQAIIDILCAR	AGAP003722-PA,AGAP012784-PA	M3(Oxidation), C18(Carbamidomethyl)	57	3.34E-05	1	2182.071	3.62	Malpighian tubule	2R:+:42434458-42434517;UNKN:-:28950546-28950487	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_26845	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	101	1.51E-09	1	1630.795	1.84	Ovary	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_27139	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	82	9.16E-08	1	2533.243	3.4	Salivary gland	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA

JHU_Ag_28447	QQIMEQYSSELGR	AGAP003722-PA,AGAP012784-PA	-	68	2.21E-06	2	1568.738	0.52	Midgut	2R:+:42434533-42434571;UNKN:-:28950471-28950433	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_40405	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	73	8.39E-07	1	2533.239	2.09	Head	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_41522	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	90	1.57E-08	2	1630.797	2.82	Larva	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_41881	ILAHASFDQLEIVFEEYKK	AGAP003722-PA,AGAP012784-PA	-	129	1.15E-12	1	2280.198	3.21	Head	2R:+:42435077-42435133;UNKN:-:28949944-28949888	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_49300	QQIMEQYSSELGR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	50	0.000131962	2	1584.736	2.34	Malpighian tubule	2R:+:42434533-42434571;UNKN:-:28950471-28950433	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_50352	ILAHASFDQLEIVFEEYKK	AGAP003722-PA,AGAP012784-PA	-	79	1.16E-07	1	2280.198	3.17	Visceras	2R:+:42435077-42435133;UNKN:-:28949944-28949888	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_51916	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	111	1.39E-10	2	1630.800	4.91	Midgut	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_52169	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	131	1.45E-12	1	1630.798	3.57	Head	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_53218	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	118	2.42E-11	1	1630.793	0.72	Visceras	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_54403	GMGTDEDTLIEVLAPQTNEEVK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	67	3.70E-06	1	2389.154	4.31	Head	2R:+:42434792-42434857;UNKN:-:28950229-28950164	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_54914	QQIMEQYSSELGR	AGAP003722-PA,AGAP012784-PA	-	56	3.70E-05	1	1568.741	2.08	Visceras	2R:+:42434533-42434571;UNKN:-:28950471-28950433	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_55544	LLTMIIVGAR	AGAP003722-PA,AGAP012784-PA	-	88	3.59E-09	2	1086.673	2.61	Malpighian tubule	2R:+:42434942-42434971;UNKN:-:28950079-28950050	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_63422	QQIMEQYSSELGR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	79	1.81E-07	2	1568.741	2.31	Salivary gland	2R:+:42434533-42434571;UNKN:-:28950471-28950433	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_64942	IVDCYEEMYGRPLAEHLCSETDGSFR	AGAP003722-PA,AGAP012784-PA	C4(Carbamidomethyl), M8(Oxidation), C18(Carbamidomethyl)	156	1.19E-15	1	3150.350	-3.36	Head	2R:+:42434861-42434938;UNKN:-:28950160-28950083	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA

JHU_Ag_65500	ILAHASFDQLEIVFEEYKK	AGAP003722-PA,AGAP012784-PA	-	35	0.003054954	1	2280.190	-0.47	Midgut	2R:+:42435077-42435133;UNKN:-:28949944-28949888	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_66512	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	37	0.003449295	3	2533.238	1.66	Visceras	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_69612	LLTMIIVGAR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	80	3.01E-08	2	1102.665	-0.35	Visceras	2R:+:42434942-42434971;UNKN:-:28950079-28950050	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_74009	SWYYTPVPTVVPAEDFDASADANALR	AGAP003722-PA,AGAP012784-PA	N-Term(Acetyl)	119	2.00E-11	1	2897.365	0.63	Ovary	2R:+:42434206-42434220,42434395-42434457;UNKN:-:28950789-28950792,28950433-28950547	exon=> In CDS Exon 1 and 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP012784-PA
JHU_Ag_75534	LLTMIIVGAR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	87	5.86E-09	1	1102.664	-1.45	Ovary	2R:+:42434942-42434971;UNKN:-:28950079-28950050	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_75744	ILAHASFDQLEIVFEEYKK	AGAP003722-PA,AGAP012784-PA	-	126	2.31E-12	1	2280.195	1.67	Pupa	2R:+:42435077-42435133;UNKN:-:28949944-28949888	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_80832	LLTMIIVGAR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	73	1.64E-07	2	1102.666	0.32	Head	2R:+:42434942-42434971;UNKN:-:28950079-28950050	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_87573	LLTMIIVGAR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	87	4.68E-09	2	1086.671	0.25	Pupa	2R:+:42434942-42434971;UNKN:-:28950079-28950050	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_88056	QQIMEQYSSELGR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	82	9.05E-08	2	1584.731	-1.13	Head	2R:+:42434533-42434571;UNKN:-:28950471-28950433	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_90434	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	113	8.55E-11	1	1630.791	-0.4	Pupa	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_93641	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	133	8.74E-13	1	1630.795	1.84	Malpighian tubule	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_95041	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	108	2.45E-10	1	2533.246	4.7	Larva	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_99426	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	131	1.28E-12	1	2533.234	-0.15	Midgut	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA

JHU_Ag_99664	ILAHASFDQLEIVFEEYKK	AGAP003722-PA,AGAP012784-PA	-	57	1.63E-05	1	2280.203	5.21	Malpighian tubule	2R:+:42435077-42435133;UNKN:-:28949944-28949888	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_101484	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	97	3.09E-09	1	2533.231	-1.23	Ovary	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_104356	LLTMIIVGAR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	77	6.53E-08	1	1102.665	-0.46	Male reproductive organs	2R:+:42434942-42434971;UNKN:-:28950079-28950050	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_109273	DAQGTVDADLAVEQAK	AGAP003722-PA,AGAP012784-PA	-	126	3.72E-12	1	1630.791	-0.33	Male reproductive organs	2R:+:42434972-42435019;UNKN:-:28950049-28950002	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_109558	QQIMEQYSSELGR	AGAP003722-PA,AGAP012784-PA	M4(Oxidation)	71	1.15E-06	2	1568.740	1.92	Pupa	2R:+:42434533-42434571;UNKN:-:28950471-28950433	exon=> In CDS Exon 2 of transcript AGAP003722-PA;exon=> In CDS Exon 2 of transcript AGAP012784-PA
JHU_Ag_112571	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	126	4.01E-12	1	2533.239	1.88	Pupa	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_113280	GMGTDEDTLIEVLAPQTNEEVKK	AGAP003722-PA,AGAP012784-PA	M2(Oxidation)	131	1.28E-12	1	2517.244	2.08	Malpighian tubule	2R:+:42434792-42434860;UNKN:-:28950229-28950161	exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_14792	LTADGRIR	AGAP003723-PA	-	39	0.001217043	2	901.528	7.48	Larva	2R:-:42436656-42436633	exon=> In CDS Exon 3 of transcript AGAP003723-PA
JHU_Ag_20010	LTADGRIR	AGAP003723-PA	-	37	0.002368177	1	901.525	3.96	Midgut	2R:-:42436656-42436633	exon=> In CDS Exon 3 of transcript AGAP003723-PA
JHU_Ag_24197	LTADGRIR	AGAP003723-PA	-	37	0.00237899	1	901.524	2.67	Salivary gland	2R:-:42436656-42436633	exon=> In CDS Exon 3 of transcript AGAP003723-PA
JHU_Ag_106861	LTADGRIR	AGAP003723-PA	-	39	0.001374525	2	901.528	6.87	Head	2R:-:42436656-42436633	exon=> In CDS Exon 3 of transcript AGAP003723-PA
JHU_Ag_117190	LTADGRIR	AGAP003723-PA	-	37	0.002080741	2	901.527	6.06	Pupa	2R:-:42436656-42436633	exon=> In CDS Exon 3 of transcript AGAP003723-PA
JHU_Ag_633	SDPYAIISVGAQQFR	AGAP003725-PB	-	84	5.44E-08	2	1651.852	5.18	Salivary gland	2R:+:42459393-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_2746	QQSQPDPYLVLSVGK	AGAP003725-PB	-	32	0.006875034	1	1658.885	5.99	Malpighian tubule	2R:+:42465806-42465850	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_2810	IIMSLSLR	AGAP003725-PB	M3(Oxidation)	42	0.000320182	2	948.557	2.4	Malpighian tubule	2R:+:42466085-42466108	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_2841	SPNLSDGGTELLR	AGAP003725-PB	-	71	8.82E-07	1	1358.691	0.17	Head	2R:+:42466433-42466471	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_3833	NLEIMSQPFQLQK	AGAP003725-PB	M5(Oxidation)	82	1.04E-07	2	1591.817	1.27	Male reproductive organs	2R:+:42466028-42466066	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_3914	NLEIMSQPFQLQK	AGAP003725-PB	M5(Oxidation)	75	5.01E-07	2	1591.817	1.57	Salivary gland	2R:+:42466028-42466066	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_9921	LSLSDPDISSGQGIK	AGAP003725-PB	-	46	0.000374663	2	1516.791	3.89	Malpighian tubule	2R:+:42466897-42466941	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_10981	ESIEPNIQQAMAGYK	AGAP003725-PB	M11(Oxidation)	68	2.37E-06	2	1694.814	4.96	Salivary gland	2R:+:42458141-42458185	exon=> In CDS Exon 3 of transcript AGAP003725-PB
JHU_Ag_11956	INNIPLKDPNNIPDPYVK	AGAP003725-PB	-	56	1.98E-05	1	2064.120	3.59	Salivary gland	2R:+:42466580-42466633	exon=> In CDS Exon 9 of transcript AGAP003725-PB

JHU_Ag_11965	LSLSDPDISSGQGIK	AGAP003725-PB	-	40	0.001472735	1	1516.786	0.27	Male reproductive organs	2R:+:42466897-42466941	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_12279	TSASHGSQSGTLQQQPSTGDSNAAEAAALSHQGSVR	AGAP003725-PB	-	48	0.000190613	1	3523.651	3.31	Malpighian tubule	2R:+:42466211-42466318	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_12834	VTSMSTALLTVFIDSAK	AGAP003725-PB	M4(Oxidation)	49	0.00013727	2	1799.952	3.5	Salivary gland	2R:+:42465663-42465713	exon=> In CDS Exon 8 of transcript AGAP003725-PB
JHU_Ag_16428	LSLSDPDISSGQGIK	AGAP003725-PB	-	100	1.46E-09	1	1516.788	1.72	Head	2R:+:42466897-42466941	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_17588	SDPYAIISVGAQQFR	AGAP003725-PB	-	82	8.93E-08	2	1651.849	2.89	Male reproductive organs	2R:+:42459393-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_18558	GKSDPYAIISVGAQQFR	AGAP003725-PB	-	94	4.65E-09	2	1836.966	3.14	Male reproductive organs	2R:+:42459387-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_18741	TKDDSIMTLLYSFAK	AGAP003725-PB	M7(Oxidation)	74	6.47E-07	2	1748.873	-2.5	Male reproductive organs	2R:+:42448916-42448960	exon=> In CDS Exon 1 of transcript AGAP003725-PB
JHU_Ag_19022	QQSQPDPYLVLSVGK	AGAP003725-PB	-	36	0.003403338	2	1658.871	-2.25	Ovary	2R:+:42465806-42465850	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_19871	GFFGSPVIGMQK	AGAP003725-PB	M10(Oxidation)	55	3.71E-05	2	1283.650	3.59	Salivary gland	2R:+:42466790-42466819,42466891-42466896	exon=> In CDS Exon 9 and 10 of transcript AGAP003725-PB
JHU_Ag_19914	IQLTVAYSVQR	AGAP003725-PB	-	46	0.00015124	2	1277.727	4.19	Malpighian tubule	2R:+:42466520-42466552	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_25213	SDPYAIISVGAQQFR	AGAP003725-PB	-	61	1.16E-05	2	1651.845	0.37	Head	2R:+:42459393-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_25653	LSLSDPDISSGQGIK	AGAP003725-PB	-	65	4.77E-06	2	1516.787	1.16	Salivary gland	2R:+:42466897-42466941	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_27645	SPNLSDGGTELLR	AGAP003725-PB	-	48	0.000178705	1	1358.694	1.88	Salivary gland	2R:+:42466433-42466471	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_27658	NGEIDTWLTLEQAK	AGAP003725-PB	-	38	0.003234757	2	1617.811	-0.69	Ovary	2R:+:42465353-42465370,42465546-42465569	exon=> In CDS Exon 7 and 8 of transcript AGAP003725-PB
JHU_Ag_28853	DPNNIPDPYVK	AGAP003725-PB	-	69	1.71E-06	1	1271.629	1.68	Head	2R:+:42466601-42466633	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_29088	IIMSLSLR	AGAP003725-PB	M3(Oxidation)	55	2.19E-05	2	948.554	-0.49	Male reproductive organs	2R:+:42466085-42466108	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_30438	TSASHGSQSGTLQQQPSTGDSNAAEAAALSHQGSVR	AGAP003725-PB	-	50	0.000103016	1	3523.645	1.5	Head	2R:+:42466211-42466318	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_31275	TQTIDNTVNPK	AGAP003725-PB	-	54	6.55E-05	2	1230.634	0.99	Head	2R:+:42459438-42459470	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_37789	IHVVEAK	AGAP003725-PB	-	37	0.000761123	2	795.475	3.36	Male reproductive organs	2R:+:42459330-42459350	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_40570	LPIVLSDGVPALSLK	AGAP003725-PB	-	58	1.02E-06	2	1521.930	3.18	Male reproductive organs	2R:+:42458697-42458741	exon=> In CDS Exon 4 of transcript AGAP003725-PB
JHU_Ag_40705	GGIKDFQIHGTVR	AGAP003725-PB	-	40	0.000854665	1	1427.773	-1.44	Salivary gland	2R:+:42458469-42458507	exon=> In CDS Exon 4 of transcript AGAP003725-PB
JHU_Ag_43024	TSASHGSQSGTLQQQPSTGDSNAAEAAALSHQGSVR	AGAP003725-PB	-	38	0.001633626	1	3523.643	1.16	Male reproductive organs	2R:+:42466211-42466318	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_51443	SDPYAIISVGAQQFR	AGAP003725-PB	-	78	2.06E-07	2	1651.856	7.1	Larva	2R:+:42459393-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_51765	DFQIHGTVR	AGAP003725-PB	-	42	0.000760971	1	1072.553	-0.06	Salivary gland	2R:+:42458481-42458507	exon=> In CDS Exon 4 of transcript AGAP003725-PB
JHU_Ag_51820	SPNLSDGGTELLR	AGAP003725-PB	-	63	6.74E-06	1	1358.692	0.89	Ovary	2R:+:42466433-42466471	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_53136	ATVEISSVTK	AGAP003725-PB	-	51	8.38E-05	1	1034.576	3.01	Malpighian tubule	2R:+:42465323-42465352	exon=> In CDS Exon 7 of transcript AGAP003725-PB
JHU_Ag_54856	AWYDLLPESK	AGAP003725-PB	-	64	6.87E-06	1	1221.616	0.38	Male reproductive organs	2R:+:42466942-42466971	exon=> In CDS Exon 10 of transcript AGAP003725-PB

JHU_Ag_56063	SPNLSDGGTELLR	AGAP003725-PB	-	39	0.001885988	2	1358.696	3.67	Malpighian tubule	2R:+:42466433-42466471	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_58617	GKSDPYAIISVGAQQFR	AGAP003725-PB	-	56	2.63E-05	1	1836.966	3.29	Salivary gland	2R:+:42459387-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_60313	LHDLPAWVFFPDVER	AGAP003725-PB	-	40	0.001454962	1	1840.938	-0.11	Salivary gland	2R:+:42449141-42449161,42457944-42457967	exon=> In CDS Exon 1 and 2 of transcript AGAP003725-PB
JHU_Ag_60840	INNIPLKDPNNIPDPYVK	AGAP003725-PB	-	31	0.006175704	1	2064.108	-2.32	Head	2R:+:42466580-42466633	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_64987	QQSQPDPYLVLSVGK	AGAP003725-PB	-	45	0.000400276	2	1658.877	1.58	Visceras	2R:+:42465806-42465850	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_69493	LHDLPAWVFFPDVER	AGAP003725-PB	-	41	0.000886972	2	1840.944	3.37	Midgut	2R:+:42449141-42449161,42457944-42457967	exon=> In CDS Exon 1 and 2 of transcript AGAP003725-PB
JHU_Ag_70250	AWYDLLPESKFE	AGAP003725-PB	-	52	8.55E-05	1	1497.731	3.45	Malpighian tubule	2R:+:42466942-42466977	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_73909	GKSDPYAIISVGAQQFR	AGAP003725-PB	-	49	0.000124337	3	1836.972	6.09	Malpighian tubule	2R:+:42459387-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_76018	NGEIDTWLTLEQAK	AGAP003725-PB	-	63	8.62E-06	2	1617.815	1.8	Male reproductive organs	2R:+:42465353-42465370,42465546-42465569	exon=> In CDS Exon 7 and 8 of transcript AGAP003725-PB
JHU_Ag_79855	LLVIVHK	AGAP003725-PB	-	26	0.000277332	2	821.560	-0.51	Salivary gland	2R:+:42466559-42466579	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_80296	LYLLPGR	AGAP003725-PB	-	31	0.002795625	2	831.510	1.96	Salivary gland	2R:+:42466634-42466654	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_80555	ASALANDKEVILAR	AGAP003725-PB	-	119	9.00E-12	1	1470.832	3.08	Malpighian tubule	2R:+:42449099-42449140	exon=> In CDS Exon 1 of transcript AGAP003725-PB
JHU_Ag_81109	LHDLPAWVFFPDVER	AGAP003725-PB	-	32	0.00826743	1	1840.955	9.34	Malpighian tubule	2R:+:42449141-42449161,42457944-42457967	exon=> In CDS Exon 1 and 2 of transcript AGAP003725-PB
JHU_Ag_82231	ASALANDKEVILAR	AGAP003725-PB	-	104	2.58E-10	1	1470.830	1.34	Salivary gland	2R:+:42449099-42449140	exon=> In CDS Exon 1 of transcript AGAP003725-PB
JHU_Ag_82936	SDPYAIISVGAQQFR	AGAP003725-PB	-	85	4.35E-08	2	1651.848	2.37	Ovary	2R:+:42459393-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_83160	SDLKQALEETQHLR	AGAP003725-PB	-	38	0.002190333	1	1667.872	0.58	Ovary	2R:+:42465621-42465662	exon=> In CDS Exon 8 of transcript AGAP003725-PB
JHU_Ag_85200	SDPYAIISVGAQQFR	AGAP003725-PB	-	55	5.18E-05	1	1651.853	5.7	Visceras	2R:+:42459393-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_90028	AWYDLLPESKFE	AGAP003725-PB	-	66	3.94E-06	1	1497.729	1.74	Ovary	2R:+:42466942-42466977	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_98208	ASALANDKEVILAR	AGAP003725-PB	-	81	6.72E-08	1	1470.828	0.42	Ovary	2R:+:42449099-42449140	exon=> In CDS Exon 1 of transcript AGAP003725-PB
JHU_Ag_99157	SDPYAIISVGAQQFR	AGAP003725-PB	-	53	7.45E-05	2	1651.848	2.44	Malpighian tubule	2R:+:42459393-42459437	exon=> In CDS Exon 5 of transcript AGAP003725-PB
JHU_Ag_99310	LHDLPAWVFFPDVER	AGAP003725-PB	-	37	0.00291022	1	1840.936	-1.21	Head	2R:+:42449141-42449161,42457944-42457967	exon=> In CDS Exon 1 and 2 of transcript AGAP003725-PB
JHU_Ag_99497	GFFGSPVIGMQK	AGAP003725-PB	M10(Oxidation)	60	1.31E-05	2	1283.648	2.26	Male reproductive organs	2R:+:42466790-42466819,42466891-42466896	exon=> In CDS Exon 9 and 10 of transcript AGAP003725-PB
JHU_Ag_100894	LPIVLSDGVPALSLK	AGAP003725-PB	-	61	6.17E-07	1	1521.929	2.86	Visceras	2R:+:42458697-42458741	exon=> In CDS Exon 4 of transcript AGAP003725-PB
JHU_Ag_101964	LLVIVHK	AGAP003725-PB	-	14	0.003597493	2	821.561	0.6	Ovary	2R:+:42466559-42466579	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_102603	ASALANDKEVILAR	AGAP003725-PB	-	50	6.87E-05	1	1470.831	2.59	Male reproductive organs	2R:+:42449099-42449140	exon=> In CDS Exon 1 of transcript AGAP003725-PB

JHU_Ag_103682	ASALANDKEVILAR	AGAP003725-PB	-	34	0.003225978	1	1470.831	2.08	Head	2R:+:42449099-42449140	exon=> In CDS Exon 1 of transcript AGAP003725-PB
JHU_Ag_104610	LSLSDPDISSGQGIK	AGAP003725-PB	-	93	7.66E-09	1	1516.787	0.92	Ovary	2R:+:42466897-42466941	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_106543	LHDLPAWVFFPDVER	AGAP003725-PB	-	80	1.39E-07	2	1840.950	6.16	Ovary	2R:+:42449141-42449161,42457944-42457967	exon=> In CDS Exon 1 and 2 of transcript AGAP003725-PB
JHU_Ag_108156	INNIPLKDPNNIPDPYVK	AGAP003725-PB	-	61	6.47E-06	1	2064.112	-0.23	Male reproductive organs	2R:+:42466580-42466633	exon=> In CDS Exon 9 of transcript AGAP003725-PB
JHU_Ag_109375	LSLSDPDISSGQGIK	AGAP003725-PB	-	61	1.37E-05	1	1516.790	3.01	Visceras	2R:+:42466897-42466941	exon=> In CDS Exon 10 of transcript AGAP003725-PB
JHU_Ag_112717	QVWPNANFYAK	AGAP003725-PB	-	51	0.000151981	1	1337.664	0	Male reproductive organs	2R:+:42458096-42458128	exon=> In CDS Exon 3 of transcript AGAP003725-PB
JHU_Ag_114776	LPIVLSDGVPALSLK	AGAP003725-PB	-	50	7.75E-06	2	1521.930	2.94	Head	2R:+:42458697-42458741	exon=> In CDS Exon 4 of transcript AGAP003725-PB
JHU_Ag_6543	LVEDRPAIQGLIELAK	AGAP003727-PA	-	24	0.005654159	1	1765.023	0.61	Pupa	2R:-:42627218-42627171	exon=> In CDS Exon 2 of transcript AGAP003727-PA
JHU_Ag_19067	HHIPEEHELDDPDFVSAR	AGAP003727-PA	-	102	8.33E-10	1	2142.995	5.11	Ovary	2R:-:42627056-42627003	exon=> In CDS Exon 2 of transcript AGAP003727-PA
JHU_Ag_35055	IGITINPEVAFPGQR	AGAP003727-PA	-	70	6.46E-07	1	1611.894	5.24	Malpighian tubule	2R:-:42626777-42626733	exon=> In CDS Exon 2 of transcript AGAP003727-PA
JHU_Ag_86957	DSIMELLIR	AGAP003727-PA	-	62	9.18E-06	2	1089.600	2.7	Pupa	2R:-:42628033-42628007	exon=> In CDS Exon 1 of transcript AGAP003727-PA
JHU_Ag_96999	LVEDRPAIQGLIELAK	AGAP003727-PA	-	74	5.30E-08	1	1765.027	2.83	Male reproductive organs	2R:-:42627218-42627171	exon=> In CDS Exon 2 of transcript AGAP003727-PA
JHU_Ag_11348	AVFQFYPETADQIELVTSQAMK	AGAP003728-PA	M21(Oxidation)	113	9.12E-11	1	2532.232	-0.17	Ovary	2R:+:42630423-42630488	exon=> In CDS Exon 3 of transcript AGAP003728-PA
JHU_Ag_64359	TPIYDFDEWSR	AGAP003729-PA	-	48	0.000165626	2	1428.643	-0.06	Head	2R:-:42631217-42631185	exon=> In CDS Exon 1 of transcript AGAP003729-PA
JHU_Ag_66120	DITAAYEVLGNYR	AGAP003729-PA	-	63	7.19E-06	2	1484.742	3	Visceras	2R:-:42631415-42631377	exon=> In CDS Exon 1 of transcript AGAP003729-PA
JHU_Ag_84761	TPIYDFDEWSR	AGAP003729-PA	-	83	5.14E-08	1	1428.646	1.74	Visceras	2R:-:42631217-42631185	exon=> In CDS Exon 1 of transcript AGAP003729-PA
JHU_Ag_115839	TPIYDFDEWSR	AGAP003729-PA	-	44	0.000384628	2	1428.642	-0.48	Male reproductive organs	2R:-:42631217-42631185	exon=> In CDS Exon 1 of transcript AGAP003729-PA
JHU_Ag_72032	SLAETNLNFEPK	AGAP003731-PA	-	77	3.52E-07	2	1362.691	1.04	Male reproductive organs	2R:+:42642048-42642083	exon=> In CDS Exon 2 of transcript AGAP003731-PA
JHU_Ag_860	ASGQQQAPPAGPPPEEAPGAYTDFR	AGAP003735-PA	-	87	3.13E-08	2	2539.198	4.97	Head	2R:+:42734597-42734671	exon=> In CDS Exon 7 of transcript AGAP003735-PA
JHU_Ag_23965	ISETHTDLGQDLDDEADTVPAPK	AGAP003735-PA	-	91	1.20E-08	1	2467.139	-3.44	Head	2R:+:42727762-42727816,42733933-42733946	exon=> In CDS Exon 4 and 5 of transcript AGAP003735-PA
JHU_Ag_27514	DPDGFYWGELR	AGAP003735-PA	-	74	4.20E-07	2	1354.607	0.41	Head	2R:+:42741619-42741651	exon=> In CDS Exon 12 of transcript AGAP003735-PA
JHU_Ag_32164	DAAGDTYVSDDSEYQDGASSGGGSSR	AGAP003735-PA	-	82	8.91E-09	2	2554.010	0.51	Head	2R:+:42739165-42739242	exon=> In CDS Exon 10 of transcript AGAP003735-PA
JHU_Ag_37971	LVGDDLLEFHQAVVSTLR	AGAP003735-PA	-	77	1.82E-07	1	2012.088	3.43	Head	2R:+:42727532-42727538,42727625-42727671	exon=> In CDS Exon 3 and 4 of transcript AGAP003735-PA
JHU_Ag_61744	ALVEGVDSNRPHR	AGAP003735-PA	-	44	0.000541173	1	1449.752	-2.67	Head	2R:+:42734094-42734123,42734203-42734211	exon=> In CDS Exon 5 and 6 of transcript AGAP003735-PA
JHU_Ag_68978	HTITGLAPSTQYR	AGAP003735-PA	-	57	2.52E-05	1	1444.755	0.75	Head	2R:+:42734437-42734449,42734544-42734569	exon=> In CDS Exon 6 and 7 of transcript AGAP003735-PA

JHU_Ag_4109	HMNVTILR	AGAP003737-PA	M2(Oxidation)	35	0.002598938	2	999.543	2.56	Ovary	2R:-:42768048-42768025	exon=> In CDS Exon 1 of transcript AGAP003737-PA
JHU_Ag_47061	GDGAFGALIIR	AGAP003738-PA	-	52	8.15E-05	2	1089.605	0.19	Malpighian tubule	2R:-:42795292-42795260	exon=> In CDS Exon 4 of transcript AGAP003738-PA
JHU_Ag_66891	FNDQFYR	AGAP003738-PA	-	50	4.81E-05	2	989.447	-0.58	Midgut	2R:-:42796000-42795980	exon=> In CDS Exon 4 of transcript AGAP003738-PA
JHU_Ag_78456	ANQPIGNYLIR	AGAP003738-PA	-	38	0.00243928	2	1258.691	0.34	Midgut	2R:-:42794584-42794552	exon=> In CDS Exon 4 of transcript AGAP003738-PA
JHU_Ag_22766	KLEIPLATLPK	AGAP003742-PA	-	59	9.85E-07	1	1222.775	-1.26	Ovary	2R:+:42814490-42814493,42814641-42814669	exon=> In CDS Exon 1 and 2 of transcript AGAP003742-PA
JHU_Ag_29853	KLEIPLATLPK	AGAP003742-PA	-	44	3.61E-05	2	1222.780	2.42	Midgut	2R:+:42814490-42814493,42814641-42814669	exon=> In CDS Exon 1 and 2 of transcript AGAP003742-PA
JHU_Ag_52278	KLEIPLATLPK	AGAP003742-PA	-	43	4.17E-05	1	1222.779	1.72	Head	2R:+:42814490-42814493,42814641-42814669	exon=> In CDS Exon 1 and 2 of transcript AGAP003742-PA
JHU_Ag_78862	KDTPAEGEGPAAK	AGAP003742-PA	-	52	8.48E-05	2	1270.628	0.61	Ovary	2R:+:42814436-42814474	exon=> In CDS Exon 1 of transcript AGAP003742-PA
JHU_Ag_91254	KLEIPLATLPK	AGAP003742-PA	-	39	0.000116794	1	1222.777	0.32	Male reproductive organs	2R:+:42814490-42814493,42814641-42814669	exon=> In CDS Exon 1 and 2 of transcript AGAP003742-PA
JHU_Ag_111150	KLEIPLATLPK	AGAP003742-PA	-	37	0.000187249	2	1222.777	0.22	Salivary gland	2R:+:42814490-42814493,42814641-42814669	exon=> In CDS Exon 1 and 2 of transcript AGAP003742-PA
JHU_Ag_1085	HGTVYSFGCNDEGALGR	AGAP003742-PA,AGAP003742-PB	C9(Carbamidomethyl)	126	2.19E-12	1	1839.813	2.97	Ovary	2R:+:42814826-42814876;2R:+:42814826-42814876	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_2224	TRPAVIEGLSDVVQISAGGMHNLCLTR	AGAP003742-PA,AGAP003742-PB	M20(Oxidation), C24(Carbamidomethyl),C24(Carbamidomethyl)	110	1.03E-10	1	2910.506	4.45	Ovary	2R:+:42814745-42814825;2R:+:42814745-42814825	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_2947	DTSEEGSEFEPK	AGAP003742-PA,AGAP003742-PB	-	53	2.69E-05	2	1354.567	1.67	Ovary	2R:+:42814877-42814912;2R:+:42814877-42814912	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_13436	RLPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	35	0.000772574	1	1263.760	5.48	Male reproductive organs	2R:+:42816413-42816445;2R:+:42816413-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_19062	LGLGDDVTEDAK	AGAP003742-PA,AGAP003742-PB	-	82	1.09E-07	2	1232.603	1.84	Ovary	2R:+:42816893-42816928;2R:+:42816893-42816928	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_21111	LPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	53	2.06E-05	1	1107.655	2.33	Ovary	2R:+:42816416-42816445;2R:+:42816416-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_21247	AKPEAASTSNGQAK	AGAP003742-PA,AGAP003742-PB	N10(Deamidated)	44	0.000728591	2	1360.675	3.48	Male reproductive organs	2R:+:42817351-42817392;2R:+:42817351-42817392	exon=> In CDS Exon 4 of transcript AGAP003742-PA;exon=> In CDS Exon 3 of transcript AGAP003742-PB
JHU_Ag_21662	LGLGDDVTEDAK	AGAP003742-PA,AGAP003742-PB	-	62	1.13E-05	2	1232.602	1.45	Salivary gland	2R:+:42816893-42816928;2R:+:42816893-42816928	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_22125	AKPEAASTSNGQAK	AGAP003742-PA,AGAP003742-PB	N10(Deamidated)	74	5.04E-07	1	1359.689	1.87	Ovary	2R:+:42817351-42817392;2R:+:42817351-42817392	exon=> In CDS Exon 4 of transcript AGAP003742-PA;exon=> In CDS Exon 3 of transcript AGAP003742-PB
JHU_Ag_22377	RLPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	51	1.68E-05	1	1263.754	0.27	Ovary	2R:+:42816413-42816445;2R:+:42816413-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB

JHU_Ag_27044	ISAGDSHSACLLDDGRVYAWGSFR	AGAP003742-PA,AGAP003742-PB	C10(Carbamidomethyl)	117	3.06E-11	1	2640.236	3.62	Ovary	2R:+:42814943-42815014;2R:+:42814943-42815014	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_29101	TLQPVAALGDKK	AGAP003742-PA,AGAP003742-PB	-	49	5.49E-05	2	1240.731	3.71	Ovary	2R:+:42816929-42816964;2R:+:42816929-42816964	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_34962	ASSGGQHSLFLVQETPAATEK	AGAP003742-PA,AGAP003742-PB	-	125	4.25E-12	1	2158.076	-0.52	Ovary	2R:+:42817136-42817183,42817303-42817317;2R:+:42817136-42817183,42817303-42817317	exon=> In CDS Exon 3 and 4 of transcript AGAP003742-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003742-PB
JHU_Ag_37222	ASSGGQHSLFLVQETPAATEKAPTK	AGAP003742-PA,AGAP003742-PB	-	110	8.45E-11	1	2555.321	4.12	Ovary	2R:+:42817136-42817183,42817303-42817329;2R:+:42817136-42817183,42817303-42817329	exon=> In CDS Exon 3 and 4 of transcript AGAP003742-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003742-PB
JHU_Ag_41847	DSHGNMGLTLEGNK	AGAP003742-PA,AGAP003742-PB	M6(Oxidation)	91	7.75E-09	1	1488.672	-2.18	Ovary	2R:+:42816371-42816412;2R:+:42816371-42816412	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_44154	TLQPVAALGDKK	AGAP003742-PA,AGAP003742-PB	-	59	5.60E-06	1	1240.727	0.66	Male reproductive organs	2R:+:42816929-42816964;2R:+:42816929-42816964	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_44830	DTSEEGSEFEPK	AGAP003742-PA,AGAP003742-PB	-	53	2.59E-05	2	1354.565	0.68	Malpighian tubule	2R:+:42814877-42814912;2R:+:42814877-42814912	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_53504	VYAWGSFR	AGAP003742-PA,AGAP003742-PB	-	42	0.000522224	1	985.490	0.56	Salivary gland	2R:+:42814991-42815014;2R:+:42814991-42815014	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_55278	DTSEEGSEFEPK	AGAP003742-PA,AGAP003742-PB	-	80	5.07E-08	2	1354.567	2.03	Head	2R:+:42814877-42814912;2R:+:42814877-42814912	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_59438	DTSEEGSEFEPK	AGAP003742-PA,AGAP003742-PB	-	84	2.01E-08	2	1354.565	0.5	Midgut	2R:+:42814877-42814912;2R:+:42814877-42814912	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_59462	ISAGDSHSACLLDDGR	AGAP003742-PA,AGAP003742-PB	C10(Carbamidomethyl)	91	9.08E-09	1	1673.758	1.94	Ovary	2R:+:42814943-42814990;2R:+:42814943-42814990	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_61266	TQLLQPGIVTR	AGAP003742-PA,AGAP003742-PB	-	42	0.000188418	1	1225.724	-1.58	Salivary gland	2R:+:42816587-42816619;2R:+:42816587-42816619	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_62282	RLPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	37	0.000395752	1	1263.754	0.94	Head	2R:+:42816413-42816445;2R:+:42816413-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_63645	LPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	47	7.66E-05	1	1107.652	-0.21	Midgut	2R:+:42816416-42816445;2R:+:42816416-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_66645	LGLGDDVTEDAK	AGAP003742-PA,AGAP003742-PB	-	75	4.75E-07	2	1232.602	1.54	Midgut	2R:+:42816893-42816928;2R:+:42816893-42816928	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_68870	HGTVYSFGCNDEGALGR	AGAP003742-PA,AGAP003742-PB	C9(Carbamidomethyl)	106	2.55E-10	2	1839.816	4.49	Malpighian tubule	2R:+:42814826-42814876;2R:+:42814826-42814876	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB

JHU_Ag_74120	TQLLQPGIVTRR	AGAP003742-PA,AGAP003742-PB	-	31	0.0013407	2	1381.832	3.07	Ovary	2R:+:42816587-42816622;2R:+:42816587-42816622	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_76417	TQLLQPGIVTR	AGAP003742-PA,AGAP003742-PB	-	40	0.000293171	1	1225.726	-0.49	Male reproductive organs	2R:+:42816587-42816619;2R:+:42816587-42816619	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_77161	NGDEPEAASSSSSAAADSKPTTNGAAETTEASGSDEK	AGAP003742-PA,AGAP003742-PB	N1(Deamidated),N23(Deamidated),N1(Deamidated),N23(Deamidated)	90	2.80E-09	1	3529.471	0.36	Ovary	2R:+:42817408-42817518;2R:+:42817408-42817518	exon=> In CDS Exon 4 of transcript AGAP003742-PA;exon=> In CDS Exon 3 of transcript AGAP003742-PB
JHU_Ag_78853	HGTVYSFGCNDEGALGR	AGAP003742-PA,AGAP003742-PB	C9(Carbamidomethyl)	98	1.45E-09	1	1839.810	1.04	Midgut	2R:+:42814826-42814876;2R:+:42814826-42814876	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_78858	HGTVYSFGCNDEGALGRDTSEEGSEFEPK	AGAP003742-PA,AGAP003742-PB	C9(Carbamidomethyl)	147	9.19E-15	1	3175.364	3.07	Ovary	2R:+:42814826-42814912;2R:+:42814826-42814912	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_82498	TQLLQPGIVTR	AGAP003742-PA,AGAP003742-PB	-	74	1.21E-07	1	1225.728	1.21	Ovary	2R:+:42816587-42816619;2R:+:42816587-42816619	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_82869	DTSEEGSEFEPK	AGAP003742-PA,AGAP003742-PB	-	56	1.19E-05	2	1354.565	0.59	Salivary gland	2R:+:42814877-42814912;2R:+:42814877-42814912	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_92193	LPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	48	6.37E-05	1	1107.650	-1.53	Salivary gland	2R:+:42816416-42816445;2R:+:42816416-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_92450	LGLGDDVTEDAK	AGAP003742-PA,AGAP003742-PB	-	61	1.47E-05	2	1232.605	3.52	Malpighian tubule	2R:+:42816893-42816928;2R:+:42816893-42816928	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_95921	VYAWGSFR	AGAP003742-PA,AGAP003742-PB	-	41	0.000691741	1	985.493	3.53	Ovary	2R:+:42814991-42815014;2R:+:42814991-42815014	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_96681	KAKPEAASTSNGQAK	AGAP003742-PA,AGAP003742-PB	N11(Deamidated)	56	4.18E-05	2	1487.786	3.43	Ovary	2R:+:42817348-42817392;2R:+:42817348-42817392	exon=> In CDS Exon 4 of transcript AGAP003742-PA;exon=> In CDS Exon 3 of transcript AGAP003742-PB
JHU_Ag_103656	QIDLPGQCVK	AGAP003742-PA,AGAP003742-PB	C8(Carbamidomethyl)	40	0.001263053	1	1157.600	1.63	Ovary	2R:+:42814913-42814942;2R:+:42814913-42814942	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_107489	AKPEAASTSNGQAK	AGAP003742-PA,AGAP003742-PB	N10(Deamidated)	66	4.02E-06	2	1360.670	-0.56	Malpighian tubule	2R:+:42817351-42817392;2R:+:42817351-42817392	exon=> In CDS Exon 4 of transcript AGAP003742-PA;exon=> In CDS Exon 3 of transcript AGAP003742-PB
JHU_Ag_113402	RLPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	50	2.13E-05	1	1263.756	2.49	Midgut	2R:+:42816413-42816445;2R:+:42816413-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_114985	HGTVYSFGCNDEGALGR	AGAP003742-PA,AGAP003742-PB	C9(Carbamidomethyl)	120	8.72E-12	1	1839.808	-0.22	Head	2R:+:42814826-42814876;2R:+:42814826-42814876	exon=> In CDS Exon 2 of transcript AGAP003742-PA;exon=> In CDS Exon 1 of transcript AGAP003742-PB
JHU_Ag_115897	LPIEVLPGNR	AGAP003742-PA,AGAP003742-PB	-	47	7.69E-05	1	1107.653	0.68	Male reproductive organs	2R:+:42816416-42816445;2R:+:42816416-42816445	exon=> In CDS Exon 3 of transcript AGAP003742-PA;exon=> In CDS Exon 2 of transcript AGAP003742-PB
JHU_Ag_39745	LESLVK	AGAP003743-PA	-	43	0.00039649	1	688.429	7.02	Male reproductive organs	2R:-:42819117-42819100	exon=> In CDS Exon 2 of transcript AGAP003743-PA
JHU_Ag_5357	YAVFPFALTLLPK	AGAP003745-PA	-	46	6.22E-05	2	1479.862	0.71	Ovary	2R:-:42825704-42825666	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_9537	ELDPTVLHVFNLK	AGAP003745-PA	-	39	0.000822384	1	1524.841	-0.87	Ovary	2R:-:42826022-42825984	exon=> In CDS Exon 1 of transcript AGAP003745-PA

JHU_Ag_17954	TGNFLIDFFAGR	AGAP003745-PA	-	90	1.09E-08	1	1357.689	-0.44	Ovary	2R:-:42826058-42826023	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_18957	SNAITPTTTTER	AGAP003745-PA	-	39	0.002043713	1	1291.647	-1.25	Ovary	2R:-:42826739-42826704	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_57622	LSTVVTAAASSSTAAAK	AGAP003745-PA	-	71	8.60E-07	1	1535.829	0.77	Ovary	2R:-:42827276-42827226	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_58446	YCNTVPYLLVPR	AGAP003745-PA	C2(Carbamidomethyl)	48	0.000234174	2	1494.779	0.82	Ovary	2R:-:42825192-42825157	exon=> In CDS Exon 2 of transcript AGAP003745-PA
JHU_Ag_66366	LSVIMDDAEVSGILSGR	AGAP003745-PA	M5(Oxidation)	60	1.45E-05	2	1777.903	1.88	Ovary	2R:-:42826835-42826785	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_66751	AATGTTATAASTTVTK	AGAP003745-PA	-	82	8.36E-08	2	1452.755	0.33	Ovary	2R:-:42827003-42826956	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_79285	AATGTTATAASTTVTK	AGAP003745-PA	-	90	1.22E-08	2	1452.757	1.84	Malpighian tubule	2R:-:42827003-42826956	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_79551	LSTVVTAAASSSTAAAKETAPAASNVEK	AGAP003745-PA	-	45	0.000235476	3	2633.377	5.14	Malpighian tubule	2R:-:42827276-42827193	exon=> In CDS Exon 1 of transcript AGAP003745-PA
JHU_Ag_91346	VACLETYPTFQGR	AGAP003745-PA	C3(Carbamidomethyl)	56	3.49E-05	2	1541.747	3.56	Head	2R:-:42825524-42827303,42825148-42825403	exon=> In CDS Exon 2 and 1 of transcript AGAP003745-PA
JHU_Ag_109450	VACLETYPTFQGR	AGAP003745-PA	C3(Carbamidomethyl)	64	5.75E-06	2	1541.744	1.35	Ovary	2R:-:42825524-42827303,42825148-42825403	exon=> In CDS Exon 2 and 1 of transcript AGAP003745-PA
JHU_Ag_4784	SLEEESSNGSIGR	AGAP003747-PA	-	54	4.48E-05	2	1364.627	-1.3	Male reproductive organs	2R:-:42875928-42875890	exon=> In CDS Exon 2 of transcript AGAP003747-PA
JHU_Ag_18978	LPICTCR	AGAP003747-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	37	0.003022406	1	919.448	-0.88	Male reproductive organs	2R:-:42876131-42876111	exon=> In CDS Exon 1 of transcript AGAP003747-PA
JHU_Ag_33118	LFLLNHLEGPADAQANPAASNIEK	AGAP003747-PA	-	65	3.38E-06	1	2533.309	1.79	Male reproductive organs	2R:-:42876203-42876132	exon=> In CDS Exon 1 of transcript AGAP003747-PA
JHU_Ag_8715	DTADEGHLLEVGNVDSLLGSNFR	AGAP003749-PA	-	115	4.87E-11	1	2458.188	1.22	Male reproductive organs	2R:+:42888493-42888561	exon=> In CDS Exon 1 of transcript AGAP003749-PA
JHU_Ag_12098	IIVHGWQSSK	AGAP003749-PA	-	47	0.000120469	1	1154.639	6.45	Male reproductive organs	2R:+:42888580-42888609	exon=> In CDS Exon 1 of transcript AGAP003749-PA
JHU_Ag_93556	AVGCVPVVGQTLAR	AGAP003749-PA	C4(Carbamidomethyl)	113	3.68E-11	1	1426.785	0.8	Male reproductive organs	2R:+:42888718-42888759	exon=> In CDS Exon 1 of transcript AGAP003749-PA
JHU_Ag_105514	IPTMVGEWIWTHR	AGAP003749-PA	M4(Oxidation)	87	3.10E-08	1	1641.823	1.29	Male reproductive organs	2R:+:42888373-42888411	exon=> In CDS Exon 1 of transcript AGAP003749-PA
JHU_Ag_110929	FANQRPQVVPAGVSAPSR	AGAP003751-PA	-	40	0.000716953	1	1881.011	1.21	Head	2R:+:42932295-42932348	exon=> In CDS Exon 4 of transcript AGAP003751-PA
JHU_Ag_17115	MLEELKSK	AGAP003754-PA	M1(Oxidation)	49	0.000192826	1	993.523	-5.91	Ovary	2R:-:43013547-43013658,43010882-43011023	exon=> In CDS Exon 4 and 3 of transcript AGAP003754-PA
JHU_Ag_494	MIVANDKYQTILR	AGAP003757-PA	M1(Oxidation)	98	1.31E-09	1	1564.853	0.6	Malpighian tubule	2R:+:43091200-43091238	exon=> In CDS Exon 3 of transcript AGAP003757-PA
JHU_Ag_8104	ARLPTLYQFLQQTQR	AGAP003757-PA	-	36	0.001375297	3	1863.028	2.55	Ovary	2R:+:43090964-43091008	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_8346	LPTLYQFLQQTQR	AGAP003757-PA	-	99	9.73E-10	1	1635.892	4.14	Malpighian tubule	2R:+:43090970-43091008	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_13895	KEMDVYQFVIPELK	AGAP003757-PA	M3(Oxidation)	64	4.10E-06	2	1754.917	7.48	Malpighian tubule	2R:+:43090250-43090291	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_15699	MREQQPNIFVPYNTCIVTR	AGAP003757-PA	C15(Carbamidomethyl),"M1(Oxidation), C15(Carbamidomethyl)"	92	1.01E-08	1	2382.179	4.21	Malpighian tubule	2R:+:43090490-43090546	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_27306	LPTLYQFLQQTQRK	AGAP003757-PA	-	32	0.002217091	1	1763.985	2.52	Malpighian tubule	2R:+:43090970-43091011	exon=> In CDS Exon 2 of transcript AGAP003757-PA

JHU_Ag_36706	EQQPNIFVPYNTCIVTR	AGAP003757-PA	C13(Carbamidomethyl)	48	0.000264686	1	2079.035	1.13	Malpighian tubule	2R:+:43090496-43090546	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_45563	LQQLAPNFVEYSQR	AGAP003757-PA	-	74	4.88E-07	1	1692.873	1.63	Malpighian tubule	2R:+:43090646-43090687	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_53925	EVIVFKDLTPDGYR	AGAP003757-PA	-	98	1.74E-09	1	1651.871	1.03	Malpighian tubule	2R:+:43090361-43090402	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_55100	ARLPTLYQFLQQTQR	AGAP003757-PA	-	73	2.15E-07	1	1863.037	7.01	Malpighian tubule	2R:+:43090964-43091008	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_55847	GNNYASIIFR	AGAP003757-PA	-	64	4.39E-06	2	1154.596	0.37	Malpighian tubule	2R:+:43090015-43090044	exon=> In CDS Exon 1 of transcript AGAP003757-PA
JHU_Ag_58186	LQQLAPNFVEYSQR	AGAP003757-PA	-	38	0.001756576	2	1692.871	0.48	Ovary	2R:+:43090646-43090687	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_64643	KLDVYYAVPK	AGAP003757-PA	-	69	6.81E-07	1	1195.674	1.22	Malpighian tubule	2R:+:43089985-43090014	exon=> In CDS Exon 1 of transcript AGAP003757-PA
JHU_Ag_69435	GLLDRLD	AGAP003757-PA	-	38	0.003399578	1	801.447	1.12	Malpighian tubule	2R:+:43091266-43091286	exon=> In CDS Exon 3 of transcript AGAP003757-PA
JHU_Ag_71846	REVIVFK	AGAP003757-PA	-	37	0.001062583	1	890.534	-13.87	Midgut	2R:+:43090358-43090378	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_78442	SIGEPGELYPTALIVDR	AGAP003757-PA	-	83	5.88E-08	1	1829.967	1.58	Malpighian tubule	2R:+:43090304-43090354	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_82822	EMDVYQFVIPELK	AGAP003757-PA	-	56	4.05E-05	1	1610.820	4.01	Malpighian tubule	2R:+:43090253-43090291	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_83285	SIGEPGELYPTALIVDR	AGAP003757-PA	-	47	0.000183851	1	1829.972	3.98	Ovary	2R:+:43090304-43090354	exon=> In CDS Exon 2 of transcript AGAP003757-PA
JHU_Ag_100198	KLDVYYAVPK	AGAP003757-PA	-	39	0.000727785	1	1195.675	2.65	Ovary	2R:+:43089985-43090014	exon=> In CDS Exon 1 of transcript AGAP003757-PA
JHU_Ag_111549	IGVTYHSQLQYEIAR	AGAP003757-PA	-	33	0.00579941	1	1777.930	3.98	Malpighian tubule	2R:+:43090045-43090074,43090163-43090177	exon=> In CDS Exon 1 and 2 of transcript AGAP003757-PA
JHU_Ag_51453	YTDDLRSFLEHAIER	AGAP003758-PA	-	83	7.18E-08	1	1864.926	3.95	Malpighian tubule	2R:-:43092480-43092436	exon=> In CDS Exon 2 of transcript AGAP003758-PA
JHU_Ag_73430	LANPELAEGADQLNVFGIEK	AGAP003758-PA	-	84	5.49E-08	1	2128.096	1.56	Malpighian tubule	2R:-:43093000-43092941	exon=> In CDS Exon 1 of transcript AGAP003758-PA
JHU_Ag_78508	ELLTSYGDCTQFAPR	AGAP003758-PA	C9(Carbamidomethyl)	89	1.62E-08	2	1757.829	7.27	Malpighian tubule	2R:-:43092907-43092863	exon=> In CDS Exon 1 of transcript AGAP003758-PA
JHU_Ag_88707	LANPELAEGADQLNVFGIEK	AGAP003758-PA	-	101	8.84E-10	2	2128.096	1.56	Head	2R:-:43093000-43092941	exon=> In CDS Exon 1 of transcript AGAP003758-PA
JHU_Ag_3545	YMDQTAIDIEALLK	AGAP003759-PA	M2(Oxidation)	112	8.77E-11	1	1639.825	-0.04	Malpighian tubule	2R:-:43094547-43094506	exon=> In CDS Exon 4 of transcript AGAP003759-PA
JHU_Ag_12309	DLYVSFYNHSK	AGAP003759-PA	-	49	0.00015086	1	1372.655	1.54	Midgut	2R:-:43095024-43094992	exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_25928	DLYVSFYNHSK	AGAP003759-PA	-	50	0.000146109	1	1372.652	-0.95	Malpighian tubule	2R:-:43095024-43094992	exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_38172	YIFGALKPR	AGAP003759-PA	-	67	9.45E-07	1	1064.625	-0.12	Malpighian tubule	2R:-:43095413-43095387	exon=> In CDS Exon 2 of transcript AGAP003759-PA
JHU_Ag_38631	GELDNPVLNNPEFK	AGAP003759-PA	-	86	4.17E-08	1	1585.787	0.89	Malpighian tubule	2R:-:43094505-43094464	exon=> In CDS Exon 4 of transcript AGAP003759-PA
JHU_Ag_42587	FLHQGTLSSV	AGAP003759-PA	-	62	1.11E-05	2	1088.575	0.91	Malpighian tubule	2R:-:43094436-43094407	exon=> In CDS Exon 4 of transcript AGAP003759-PA
JHU_Ag_44026	SSEEKSVNIIMK	AGAP003759-PA	M11(Oxidation)	79	1.86E-07	1	1364.709	0.16	Malpighian tubule	2R:-:43095656-43095621	exon=> In CDS Exon 1 of transcript AGAP003759-PA
JHU_Ag_48826	TYSEFAHFAKPLQK	AGAP003759-PA	-	60	1.55E-05	1	1666.857	-1.1	Midgut	2R:-:43095084-43095043	exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_51722	FQDNIRDLYVSFYNHSK	AGAP003759-PA	-	36	0.004187713	1	2146.048	6.13	Ovary	2R:-:43095042-43094992	exon=> In CDS Exon 3 of transcript AGAP003759-PA

JHU_Ag_53093	LMHTELTR	AGAP003759-PA	M2(Oxidation)	45	0.000425417	1	1016.519	-0.65	Malpighian tubule	2R:-:43094460-43094437	exon=> In CDS Exon 4 of transcript AGAP003759-PA
JHU_Ag_67286	DIAMFHAASVMLESTDSTFAER	AGAP003759-PA	M4(Oxidation), M11(Oxidation)	110	9.25E-11	1	2461.101	0.09	Malpighian tubule	2R:-:43095296-43095414,43094682-43095169	exon=> In CDS Exon 3 and 2 of transcript AGAP003759-PA
JHU_Ag_70848	TYSEFAHFAKPLQK	AGAP003759-PA	-	53	7.89E-05	1	1666.861	1.01	Malpighian tubule	2R:-:43095084-43095043	exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_84440	TYQNVLIHGDFHSK	AGAP003759-PA	-	83	7.27E-08	1	1658.837	5.13	Midgut	2R:-:43094991-43094950	exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_87902	YASLELIHYAIFSSFR	AGAP003759-PA	-	77	3.44E-07	1	1916.998	3.86	Malpighian tubule	2R:-:43094694-43095189,43094404-43094548	exon=> In CDS Exon 4 and 3 of transcript AGAP003759-PA
JHU_Ag_94398	FQDNIRDLYVSFYNHSK	AGAP003759-PA	-	95	5.05E-09	1	2146.042	3.31	Malpighian tubule	2R:-:43095042-43094992	exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_117106	TYQNVLIHGDFHSK	AGAP003759-PA	-	81	1.11E-07	1	1658.831	1.67	Malpighian tubule	2R:-:43094991-43094950	exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_18355	FLHQGTLQFS	AGAP003760-PA	-	39	0.002154156	1	1177.600	-0.35	Male reproductive organs	2R:-:43097362-43097333	exon=> In CDS Exon 4 of transcript AGAP003760-PA
JHU_Ag_50165	ELYVSSYIQSK	AGAP003760-PA	-	51	0.000153838	2	1316.677	2.58	Male reproductive organs	2R:-:43097944-43097912	exon=> In CDS Exon 3 of transcript AGAP003760-PA
JHU_Ag_72047	GNFDNPVLNNPEFK	AGAP003760-PA	-	81	1.19E-07	1	1604.769	-0.91	Male reproductive organs	2R:-:43097431-43097390	exon=> In CDS Exon 4 of transcript AGAP003760-PA
JHU_Ag_104757	GNFDNPVLNNPEFKK	AGAP003760-PA	-	92	1.14E-08	1	1732.868	1.56	Male reproductive organs	2R:-:43097431-43097387	exon=> In CDS Exon 4 of transcript AGAP003760-PA
JHU_Ag_109696	TIQNVLIHGDFHGK	AGAP003760-PA	-	35	0.003331056	1	1578.843	2.73	Male reproductive organs	2R:-:43097911-43097870	exon=> In CDS Exon 3 of transcript AGAP003760-PA
JHU_Ag_15723	TTVTYR	AGAP003760-PA,AGAP003759-PA	-	33	0.002325976	2	740.394	-0.19	Malpighian tubule	2R:-:43098812-43098795;2R:-:43095683-43095666	exon=> In CDS Exon 1 of transcript AGAP003760-PA;exon=> In CDS Exon 1 of transcript AGAP003759-PA
JHU_Ag_32893	GFGDLMHLTK	AGAP003760-PA,AGAP003759-PA	M6(Oxidation)	43	0.000817095	1	1134.559	-1.88	Malpighian tubule	2R:-:43098034-43098005;2R:-:43095114-43095085	exon=> In CDS Exon 3 of transcript AGAP003760-PA;exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_72422	IPSLLDLQIELLR	AGAP003760-PA,AGAP003759-PA	-	114	3.75E-12	1	1522.923	1.49	Malpighian tubule	2R:-:43097653-43097615;2R:-:43094733-43094695	exon=> In CDS Exon 3 of transcript AGAP003760-PA;exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_76250	IPSLLDLQIELLR	AGAP003760-PA,AGAP003759-PA	-	120	1.18E-12	2	1522.920	-0.35	Midgut	2R:-:43097653-43097615;2R:-:43094733-43094695	exon=> In CDS Exon 3 of transcript AGAP003760-PA;exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_27357	YIYGALKPR	AGAP003762-PA	-	53	3.26E-05	1	1080.620	0.31	Midgut	2R:-:43101348-43101322	exon=> In CDS Exon 2 of transcript AGAP003762-PA
JHU_Ag_29604	IPSLLDLQIELVR	AGAP003762-PA	-	56	1.37E-06	2	1508.916	7.27	Midgut	2R:-:43100652-43100614	exon=> In CDS Exon 3 of transcript AGAP003762-PA
JHU_Ag_79664	GELENPAFNNPEFK	AGAP003762-PA	-	40	0.001158524	2	1605.755	0.3	Midgut	2R:-:43100415-43100374	exon=> In CDS Exon 4 of transcript AGAP003762-PA
JHU_Ag_83994	FLHQGTLS	AGAP003762-PA	-	43	0.000972303	1	902.475	2.11	Malpighian tubule	2R:-:43100346-43100323	exon=> In CDS Exon 4 of transcript AGAP003762-PA
JHU_Ag_89420	FQENLHNFFTALYIPSK	AGAP003762-PA	-	68	1.98E-06	1	2069.049	0.07	Midgut	2R:-:43100961-43100911	exon=> In CDS Exon 3 of transcript AGAP003762-PA
JHU_Ag_112249	YIYGALKPR	AGAP003762-PA	-	42	0.000420606	2	1080.620	0.2	Malpighian tubule	2R:-:43101348-43101322	exon=> In CDS Exon 2 of transcript AGAP003762-PA

JHU_Ag_41644	ESNNDPTIELIKPCVLRPGTNK	AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	C14(Carbamidomethyl)	119	1.21E-11	1	2495.292	-0.18	Male reproductive organs	2R:-:43101715-43101650;2R:-:43098908-43098843;2R:-:43095779-43095714	exon=> In CDS Exon 1 of transcript AGAP003762-PA;exon=> In CDS Exon 1 of transcript AGAP003760-PA;exon=> In CDS Exon 1 of transcript AGAP003759-PA
JHU_Ag_63338	SELIYMYYQQYSDLLKR	AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	M6(Oxidation)	32	0.009558662	1	2229.093	1.49	Midgut	2R:-:43100721-43100671;2R:-:43097722-43097672;2R:-:43094802-43094752	exon=> In CDS Exon 3 of transcript AGAP003762-PA;exon=> In CDS Exon 3 of transcript AGAP003760-PA;exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_106582	SELIYMYYQQYSDLLK	AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	M6(Oxidation)	143	8.58E-14	1	2072.992	1.66	Malpighian tubule	2R:-:43100721-43100674;2R:-:43097722-43097675;2R:-:43094802-43094755	exon=> In CDS Exon 3 of transcript AGAP003762-PA;exon=> In CDS Exon 3 of transcript AGAP003760-PA;exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_113813	SELIYMYYQQYSDLLKR	AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	M6(Oxidation)	40	0.001687643	1	2229.090	-0.07	Male reproductive organs	2R:-:43100721-43100671;2R:-:43097722-43097672;2R:-:43094802-43094752	exon=> In CDS Exon 3 of transcript AGAP003762-PA;exon=> In CDS Exon 3 of transcript AGAP003760-PA;exon=> In CDS Exon 3 of transcript AGAP003759-PA
JHU_Ag_4544	FHAATAVLYSIEEDAMAAHHYR	AGAP003766-PA	M16(Oxidation)	45	0.000393746	1	2519.174	-1.23	Malpighian tubule	2R:-:43115462-43115598,43114660-43115332	exon=> In CDS Exon 4 and 3 of transcript AGAP003766-PA
JHU_Ag_7657	AAGLNFGQLQLVLEK	AGAP003766-PA	-	76	1.12E-07	2	1600.912	3.67	Ovary	2R:-:43115516-43115472	exon=> In CDS Exon 3 of transcript AGAP003766-PA
JHU_Ag_15754	DEDADLLDAYDVFKR	AGAP003766-PA	-	109	1.56E-10	1	1784.831	-1.59	Midgut	2R:-:43115798-43115754	exon=> In CDS Exon 2 of transcript AGAP003766-PA
JHU_Ag_16589	MDQATIEEKYPFITR	AGAP003766-PA	N-Term(Acetyl), M1(Oxidation)	93	7.80E-09	1	1899.913	-1.26	Malpighian tubule	2R:-:43116102-43116058	exon=> In CDS Exon 1 of transcript AGAP003766-PA
JHU_Ag_21194	LLEDTANADLGGLLGR	AGAP003766-PA	-	124	4.87E-12	2	1627.865	-0.25	Midgut	2R:-:43114815-43114768	exon=> In CDS Exon 4 of transcript AGAP003766-PA
JHU_Ag_24699	LLEDTANADLGGLLGR	AGAP003766-PA	-	74	3.68E-07	2	1627.874	5.38	Malpighian tubule	2R:-:43114815-43114768	exon=> In CDS Exon 4 of transcript AGAP003766-PA
JHU_Ag_33803	LLEDTANADLGGLLGR	AGAP003766-PA	-	71	9.49E-07	2	1627.866	0.8	Ovary	2R:-:43114815-43114768	exon=> In CDS Exon 4 of transcript AGAP003766-PA
JHU_Ag_36246	NISEDVPHFYPLFQNSVVACGEQASNWPTTK	AGAP003766-PA	C20(Carbamidomethyl)	47	0.000203386	3	3535.667	2.41	Malpighian tubule	2R:-:43115331-43115239	exon=> In CDS Exon 4 of transcript AGAP003766-PA
JHU_Ag_37215	VPTLLDIQVEMLR	AGAP003766-PA	M11(Oxidation)	37	0.001507263	2	1542.856	0.27	Malpighian tubule	2R:-:43114902-43114864	exon=> In CDS Exon 4 of transcript AGAP003766-PA
JHU_Ag_37373	DEDADLLDAYDVFK	AGAP003766-PA	-	89	1.24E-08	2	1628.732	-0.52	Midgut	2R:-:43115798-43115757	exon=> In CDS Exon 2 of transcript AGAP003766-PA
JHU_Ag_37918	HFVFEDLSLQGYKPVGR	AGAP003766-PA	-	83	5.66E-08	1	1992.041	3.4	Malpighian tubule	2R:-:43115567-43115517	exon=> In CDS Exon 3 of transcript AGAP003766-PA
JHU_Ag_39955	MDQATIEEKYPFITR	AGAP003766-PA	N-Term(Acetyl), M1(Oxidation)	74	7.31E-07	1	1899.918	1.05	Midgut	2R:-:43116102-43116058	exon=> In CDS Exon 1 of transcript AGAP003766-PA
JHU_Ag_50424	GHNGVMFSTFLIPLR	AGAP003766-PA	M6(Oxidation)	49	0.00017632	1	1704.890	0.23	Malpighian tubule	2R:-:43114860-43114816	exon=> In CDS Exon 4 of transcript AGAP003766-PA
JHU_Ag_56634	DYLQGILR	AGAP003766-PA	-	51	0.000119153	1	977.541	-1	Malpighian tubule	2R:-:43116057-43116034	exon=> In CDS Exon 1 of transcript AGAP003766-PA
JHU_Ag_60595	AAGLNFGQLQLVLEK	AGAP003766-PA	-	89	6.14E-09	2	1600.908	1.3	Midgut	2R:-:43115516-43115472	exon=> In CDS Exon 3 of transcript AGAP003766-PA

JHU_Ag_65841	GENYSSDILR	AGAP003766-PA	-	46	0.000381781	2	1153.550	1.34	Malpighian tubule	2R:-:43115970-43115941	exon=> In CDS Exon 1 of transcript AGAP003766-PA
JHU_Ag_66532	RVPTLLDIQVEMLR	AGAP003766-PA	M12(Oxidation)	64	1.21E-06	3	1682.971	5.21	Malpighian tubule	2R:-:43114905-43114864	exon=> In CDS Exon 4 of transcript AGAP003766-PA
JHU_Ag_69124	HFVFEDLSLQGYKPVGR	AGAP003766-PA	-	82	8.32E-08	1	1992.040	2.85	Midgut	2R:-:43115567-43115517	exon=> In CDS Exon 3 of transcript AGAP003766-PA
JHU_Ag_70602	EIAVYDVVMPK	AGAP003766-PA	-	62	8.87E-06	2	1263.660	-4.6	Midgut	2R:-:43115753-43115721	exon=> In CDS Exon 2 of transcript AGAP003766-PA
JHU_Ag_71623	YPFITR	AGAP003766-PA	-	31	0.005700505	1	796.437	2.46	Malpighian tubule	2R:-:43116075-43116058	exon=> In CDS Exon 1 of transcript AGAP003766-PA
JHU_Ag_79973	TQTYIIK	AGAP003766-PA	-	31	0.003741949	2	866.499	0.92	Malpighian tubule	2R:-:43115834-43115814	exon=> In CDS Exon 2 of transcript AGAP003766-PA
JHU_Ag_89213	HFVFEDLSLQGYKPVGR	AGAP003766-PA	-	94	4.62E-09	1	1992.044	5.24	Ovary	2R:-:43115567-43115517	exon=> In CDS Exon 3 of transcript AGAP003766-PA
JHU_Ag_91446	DEDADLLDAYDVFK	AGAP003766-PA	-	117	1.91E-11	1	1628.734	0.83	Malpighian tubule	2R:-:43115798-43115757	exon=> In CDS Exon 2 of transcript AGAP003766-PA
JHU_Ag_98463	AAGLNFGQLQLVLEK	AGAP003766-PA	-	125	1.65E-12	1	1600.906	0.16	Malpighian tubule	2R:-:43115516-43115472	exon=> In CDS Exon 3 of transcript AGAP003766-PA
JHU_Ag_325	CFLHPVYVEFITK	AGAP003767-PA	C1(Carbamidomethyl)	55	4.16E-05	2	1652.852	1.08	Visceras	2R:+:43124169-43124207	exon=> In CDS Exon 5 of transcript AGAP003767-PA
JHU_Ag_598	ASAIYNYDPSSYVHVLNHGDCHFK	AGAP003767-PA	C21(Carbamidomethyl)	38	0.00182826	1	2794.265	-0.93	Salivary gland	2R:+:43123538-43123609	exon=> In CDS Exon 3 of transcript AGAP003767-PA
JHU_Ag_5040	ILPGTKPGDHFASVIFR	AGAP003767-PA	-	89	7.43E-09	1	1855.026	1.8	Head	2R:+:43120084-43120134	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_6132	ESIFKR	AGAP003767-PA	-	41	0.001015492	2	779.440	-0.97	Malpighian tubule	2R:+:43123520-43123537	exon=> In CDS Exon 3 of transcript AGAP003767-PA
JHU_Ag_8418	HSGSADEVSLIVK	AGAP003767-PA	-	68	1.95E-06	2	1341.704	2.03	Ovary	2R:+:43120147-43120185	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_8865	LLQSVGDHTVLGAR	AGAP003767-PA	-	68	9.42E-07	1	1465.816	2.64	Midgut	2R:+:43120291-43120331,43123127-43123127	exon=> In CDS Exon 1 and 2 of transcript AGAP003767-PA
JHU_Ag_15100	ASAIYNYDPSSYVHVLNHGDCHFK	AGAP003767-PA	C21(Carbamidomethyl)	43	0.000601808	1	2794.261	-2.33	Head	2R:+:43123538-43123609	exon=> In CDS Exon 3 of transcript AGAP003767-PA
JHU_Ag_18878	QLDLEESKVVFAK	AGAP003767-PA	-	91	6.10E-09	1	1505.822	0.5	Malpighian tubule	2R:+:43123209-43123247	exon=> In CDS Exon 2 of transcript AGAP003767-PA
JHU_Ag_18922	LLQSVGDHTVLGAR	AGAP003767-PA	-	85	1.88E-08	1	1465.813	0.56	Salivary gland	2R:+:43120291-43120331,43123127-43123127	exon=> In CDS Exon 1 and 2 of transcript AGAP003767-PA
JHU_Ag_21211	ILPGTKPGDHFASVIFR	AGAP003767-PA	-	56	1.65E-05	1	1855.025	1.21	Ovary	2R:+:43120084-43120134	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_21666	LLQSVGDHTVLGAR	AGAP003767-PA	-	104	2.79E-10	1	1465.815	2.14	Ovary	2R:+:43120291-43120331,43123127-43123127	exon=> In CDS Exon 1 and 2 of transcript AGAP003767-PA
JHU_Ag_22363	NSALTVDEFR	AGAP003767-PA	-	67	2.99E-06	1	1151.569	-0.14	Ovary	2R:+:43120054-43120083	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_26776	LPTLLEIHLEMLK	AGAP003767-PA	M11(Oxidation)	48	5.93E-05	1	1565.899	0.85	Head	2R:+:43123910-43123948	exon=> In CDS Exon 4 of transcript AGAP003767-PA
JHU_Ag_31277	LPTWVMVFEDITK	AGAP003767-PA	M6(Oxidation)	73	6.28E-07	1	1594.823	2.92	Malpighian tubule	2R:+:43123146-43123184	exon=> In CDS Exon 2 of transcript AGAP003767-PA
JHU_Ag_31649	HSGSADEVSLIVK	AGAP003767-PA	-	50	0.000115403	2	1341.706	3.49	Salivary gland	2R:+:43120147-43120185	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_32979	AFNKDEMNAPSWMNR	AGAP003767-PA	N-Term(Acetyl), M13(Oxidation)	47	0.000162535	2	1868.812	3.23	Malpighian tubule	2R:+:43119973-43120017	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_34227	EAHRDELISFYHEELTACLTK	AGAP003767-PA	C18(Carbamidomethyl)	71	1.13E-06	1	2562.230	0.18	Head	2R:+:43123829-43123891	exon=> In CDS Exon 4 of transcript AGAP003767-PA

JHU_Ag_42180	AFNKDEMNAPSWMNR	AGAP003767-PA	N-Term(Acetyl), M7(Oxidation)	82	4.88E-08	1	1868.808	1.53	Malpighian tubule	2R:+:43119973-43120017	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_42998	WHAASMHLVDTLPEMK	AGAP003767-PA	M6(Oxidation)	88	2.21E-08	1	1865.908	2.39	Malpighian tubule	2R:+:43123257-43123289,43123361-43123375	exon=> In CDS Exon 2 and 3 of transcript AGAP003767-PA
JHU_Ag_43369	CFLHPVYVEFITK	AGAP003767-PA	C1(Carbamidomethyl)	39	0.001601438	1	1652.854	1.81	Head	2R:+:43124169-43124207	exon=> In CDS Exon 5 of transcript AGAP003767-PA
JHU_Ag_52775	IASIKESIFK	AGAP003767-PA	-	29	0.004537526	1	1135.674	1.2	Malpighian tubule	2R:+:43123505-43123534	exon=> In CDS Exon 3 of transcript AGAP003767-PA
JHU_Ag_59614	ASAIYNYDPSSYVHVLNHGDCHFK	AGAP003767-PA	N17(Deamidated), C21(Carbamidomethyl),C21(Carbamidomethyl)	88	1.99E-08	1	2794.274	2.26	Malpighian tubule	2R:+:43123538-43123609	exon=> In CDS Exon 3 of transcript AGAP003767-PA
JHU_Ag_62477	NSALTVDEFR	AGAP003767-PA	-	70	1.28E-06	1	1151.566	-2.41	Head	2R:+:43120054-43120083	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_62950	NSALTVDEFRILPGTKPGDHFASVIFR	AGAP003767-PA	-	109	7.96E-11	1	2987.582	2.81	Malpighian tubule	2R:+:43120054-43120134	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_65944	EAHRDELISFYHEELTACLTK	AGAP003767-PA	C18(Carbamidomethyl)	149	1.81E-14	1	2562.235	2.38	Malpighian tubule	2R:+:43123829-43123891	exon=> In CDS Exon 4 of transcript AGAP003767-PA
JHU_Ag_67948	LPTWVMVFEDITK	AGAP003767-PA	M6(Oxidation)	88	1.85E-08	1	1594.823	2.92	Male reproductive organs	2R:+:43123146-43123184	exon=> In CDS Exon 2 of transcript AGAP003767-PA
JHU_Ag_70396	CFLHPVYVEFITK	AGAP003767-PA	C1(Carbamidomethyl)	104	5.01E-10	1	1652.856	3.44	Malpighian tubule	2R:+:43124169-43124207	exon=> In CDS Exon 5 of transcript AGAP003767-PA
JHU_Ag_73409	AFNKDEMNAPSWMNR	AGAP003767-PA	N-Term(Acetyl), M7(Oxidation), M13(Oxidation)	69	9.39E-07	1	1884.803	1.3	Malpighian tubule	2R:+:43119973-43120017	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_75819	HSGSADEVSLIVK	AGAP003767-PA	-	81	9.73E-08	1	1341.694	-5.34	Head	2R:+:43120147-43120185	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_77867	LLQSVGDHTVLGAR	AGAP003767-PA	-	47	0.000132176	2	1465.814	1.31	Visceras	2R:+:43120291-43120331,43123127-43123127	exon=> In CDS Exon 1 and 2 of transcript AGAP003767-PA
JHU_Ag_79153	AFNKDEMNAPSWMNR	AGAP003767-PA	N-Term(Acetyl)	115	2.60E-11	1	1852.818	4.2	Malpighian tubule	2R:+:43119973-43120017	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_80024	ILPGTKPGDHFASVIFR	AGAP003767-PA	-	100	6.25E-10	1	1855.026	1.74	Malpighian tubule	2R:+:43120084-43120134	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_80643	LPTLLEIHLEMLK	AGAP003767-PA	M11(Oxidation)	53	2.01E-05	1	1565.897	-0.32	Ovary	2R:+:43123910-43123948	exon=> In CDS Exon 4 of transcript AGAP003767-PA
JHU_Ag_83220	LLQSVGDHTVLGAR	AGAP003767-PA	-	92	4.08E-09	1	1465.815	1.64	Head	2R:+:43120291-43120331,43123127-43123127	exon=> In CDS Exon 1 and 2 of transcript AGAP003767-PA
JHU_Ag_84521	EAHRDELISFYHEELTACLTK	AGAP003767-PA	C18(Carbamidomethyl)	93	7.54E-09	1	2562.234	1.8	Ovary	2R:+:43123829-43123891	exon=> In CDS Exon 4 of transcript AGAP003767-PA
JHU_Ag_85031	HSGSADEVSLIVK	AGAP003767-PA	-	82	7.78E-08	1	1341.701	0.31	Malpighian tubule	2R:+:43120147-43120185	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_85107	CFLHPVYVEFITK	AGAP003767-PA	C1(Carbamidomethyl)	67	2.58E-06	1	1652.855	2.88	Ovary	2R:+:43124169-43124207	exon=> In CDS Exon 5 of transcript AGAP003767-PA
JHU_Ag_89029	NSALTVDEFR	AGAP003767-PA	-	68	2.24E-06	1	1151.570	1.09	Malpighian tubule	2R:+:43120054-43120083	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_91509	LPTWVMVFEDITK	AGAP003767-PA	M6(Oxidation)	60	1.14E-05	1	1594.823	2.85	Salivary gland	2R:+:43123146-43123184	exon=> In CDS Exon 2 of transcript AGAP003767-PA
JHU_Ag_92624	KLPTLLEIHLEMLK	AGAP003767-PA	M12(Oxidation)	105	6.27E-11	1	1693.995	1.94	Malpighian tubule	2R:+:43123907-43123948	exon=> In CDS Exon 4 of transcript AGAP003767-PA
JHU_Ag_96378	QLDLEESKVVFAK	AGAP003767-PA	-	46	0.000198585	1	1505.827	3.75	Ovary	2R:+:43123209-43123247	exon=> In CDS Exon 2 of transcript AGAP003767-PA
JHU_Ag_97944	KLPTLLEIHLEMLK	AGAP003767-PA	M12(Oxidation)	83	9.90E-09	1	1693.993	0.75	Ovary	2R:+:43123907-43123948	exon=> In CDS Exon 4 of transcript AGAP003767-PA

JHU_Ag_103168	LPTWVMVFEDITK	AGAP003767-PA	M6(Oxidation)	86	3.07E-08	1	1594.819	0.32	Ovary	2R:+:43123146-43123184	exon=> In CDS Exon 2 of transcript AGAP003767-PA
JHU_Ag_103550	ASAIYNYDPSSYVHVLNHGDCHFK	AGAP003767-PA	C21(Carbamidomethyl)	76	3.23E-07	1	2794.276	2.98	Ovary	2R:+:43123538-43123609	exon=> In CDS Exon 3 of transcript AGAP003767-PA
JHU_Ag_104108	KLPTLLEIHLEMLK	AGAP003767-PA	M12(Oxidation)	57	4.47E-06	2	1693.998	3.42	Head	2R:+:43123907-43123948	exon=> In CDS Exon 4 of transcript AGAP003767-PA
JHU_Ag_108487	EMPGLEQYSER	AGAP003767-PA	M2(Oxidation)	83	4.41E-08	1	1338.601	1.48	Malpighian tubule	2R:+:43123472-43123504	exon=> In CDS Exon 3 of transcript AGAP003767-PA
JHU_Ag_108843	LLQSVGDHTVLGAR	AGAP003767-PA	-	109	1.01E-10	1	1465.811	-0.94	Malpighian tubule	2R:+:43120291-43120331,43123127-43123127	exon=> In CDS Exon 1 and 2 of transcript AGAP003767-PA
JHU_Ag_109793	NSALTVDEFR	AGAP003767-PA	-	63	7.87E-06	2	1151.575	5.16	Salivary gland	2R:+:43120054-43120083	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_112240	ILPGTKPGDHFASVIFR	AGAP003767-PA	-	36	0.001606104	1	1855.018	-2.54	Male reproductive organs	2R:+:43120084-43120134	exon=> In CDS Exon 1 of transcript AGAP003767-PA
JHU_Ag_115400	LPTLLEIHLEMLK	AGAP003767-PA	M11(Oxidation)	58	5.73E-06	1	1565.897	-0.44	Malpighian tubule	2R:+:43123910-43123948	exon=> In CDS Exon 4 of transcript AGAP003767-PA
JHU_Ag_493	LLKDEVLK	AGAP003768-PB	-	36	0.000922709	1	957.600	2.28	Larva	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_984	EFEIIDFFLNR	AGAP003768-PB	-	91	1.02E-08	2	1442.745	9.21	Ovary	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_4171	TYAFLTPDLWKDLPLNK	AGAP003768-PB	-	46	0.000144463	1	2035.100	4.69	Malpighian tubule	2R:-:43124742-43124692	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_5938	LLQMAGIDDCYTTTR	AGAP003768-PB	M4(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	105	3.90E-10	2	1757.824	2.36	Visceras	2R:-:43124844-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_5953	AFVAIGDSNGHIGLGVK	AGAP003768-PB	N9(Deamidated)	132	5.54E-13	1	1655.878	1.58	Ovary	2R:-:43125385-43125335	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_7574	TPYQEFADFLDK	AGAP003768-PB	-	82	7.62E-08	1	1473.694	2.77	Visceras	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_8870	LLKDEVLK	AGAP003768-PB	-	47	0.000113573	1	957.598	-0.33	Salivary gland	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_8877	LSVVPVR	AGAP003768-PB	-	49	2.31E-05	2	769.493	-0.32	Ovary	2R:-:43125283-43125263	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_9272	LLKDEVLK	AGAP003768-PB	-	44	0.000210512	2	957.597	-0.59	Midgut	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_9569	EDSKEWVPVTK	AGAP003768-PB	-	56	4.14E-05	1	1317.666	-2.09	Midgut	2R:-:43125598-43125566	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_9800	GSTTTLGNFAK	AGAP003768-PB	-	41	0.000924507	1	1096.563	-0.01	Pupa	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_10155	EDSKEWVPVTK	AGAP003768-PB	-	57	3.13E-05	1	1317.669	0.32	Visceras	2R:-:43125598-43125566	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_11760	TPYQEFADFLDK	AGAP003768-PB	-	88	1.85E-08	1	1473.695	3.27	Pupa	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_11882	LLQMAGIDDCYTTTR	AGAP003768-PB	C10(Carbamidomethyl),"M4(Oxidation), C10(Carbamidomethyl)"	135	3.67E-13	1	1773.817	1.49	Ovary	2R:-:43124844-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_12149	IGRPHTVPCK	AGAP003768-PB	C9(Carbamidomethyl)	35	0.003624536	1	1164.632	1.35	Male reproductive organs	2R:-:43125241-43125212	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_15804	GTGIVSAPVPK	AGAP003768-PB	-	38	0.000626659	2	1025.601	1.56	Larva	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_16948	GTGIVSAPVPK	AGAP003768-PB	-	43	0.000196427	1	1025.603	3.47	Head	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB

JHU_Ag_18828	TLEEIYLYSLPIK	AGAP003768-PB	-	79	7.48E-08	1	1581.882	2.71	Visceras	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_18832	EFEIIDFFLNR	AGAP003768-PB	-	66	3.93E-06	2	1442.740	5.57	Head	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_19210	LLKDEVLK	AGAP003768-PB	-	51	2.98E-05	1	957.599	0.94	Pupa	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_19275	GSTTTLGNFAK	AGAP003768-PB	-	58	1.88E-05	2	1096.564	0.71	Visceras	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_20069	LSVVPVR	AGAP003768-PB	-	50	1.56E-05	2	769.490	-3.73	Midgut	2R:-:43125283-43125263	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_22611	LLQMAGIDDCYTTTR	AGAP003768-PB	C10(Carbamidomethyl),"M4(Oxidation),C10(Carbamidomethyl)"	125	3.55E-12	1	1773.816	0.59	Midgut	2R:-:43124844-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_23156	TPYQEFADFLDK	AGAP003768-PB	-	88	1.80E-08	1	1473.695	3.68	Head	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_25612	TYAFLTPDLWK	AGAP003768-PB	-	47	0.000227006	1	1354.707	1.99	Midgut	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_26959	LSVVPVRR	AGAP003768-PB	-	35	0.000553503	1	925.593	-0.84	Midgut	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_27064	GSTTTLGNFAK	AGAP003768-PB	-	55	3.67E-05	1	1096.564	0.26	Malpighian tubule	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_27106	TPYQEFADFLDKTNK	AGAP003768-PB	-	110	1.87E-10	1	1816.885	5.18	Male reproductive organs	2R:-:43124691-43124647	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_27296	GTGIVSAPVPK	AGAP003768-PB	-	48	6.26E-05	1	1025.598	-0.58	Visceras	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_29233	TPYQEFADFLDK	AGAP003768-PB	-	89	1.68E-08	1	1473.691	0.95	Salivary gland	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_30914	TLEEIYLYSLPIK	AGAP003768-PB	-	89	7.57E-09	1	1581.883	3.48	Pupa	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_31284	LLKDEVLK	AGAP003768-PB	-	54	2.22E-05	1	957.598	-0.27	Ovary	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_32307	CGSVLVR	AGAP003768-PB	C1(Carbamidomethyl)	40	0.001851058	2	790.423	-0.73	Ovary	2R:-:43124919-43124899	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_33498	AFVAIGDSNGHIGLGVK	AGAP003768-PB	N9(Deamidated)	43	0.000566391	1	1655.874	-0.53	Salivary gland	2R:-:43125385-43125335	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_33532	GYWGNKIGRPHTVPCK	AGAP003768-PB	C15(Carbamidomethyl)	56	3.02E-05	1	1869.957	1.75	Malpighian tubule	2R:-:43125259-43125212	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_33712	LSVVPVRR	AGAP003768-PB	-	37	0.000373484	2	925.595	0.61	Pupa	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_34062	LSVVPVR	AGAP003768-PB	-	50	1.68E-05	2	769.491	-3.33	Head	2R:-:43125283-43125263	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_34862	AFVAIGDSNGHIGLGVK	AGAP003768-PB	-	123	3.72E-12	1	1654.900	5.2	Malpighian tubule	2R:-:43125385-43125335	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_35374	EFEIIDFFLNR	AGAP003768-PB	-	88	2.14E-08	1	1442.740	5.57	Malpighian tubule	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_38797	GSTTTLGNFAK	AGAP003768-PB	-	58	1.84E-05	1	1096.565	1.37	Salivary gland	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_39172	LLKDEVLK	AGAP003768-PB	-	45	0.000118005	1	957.602	3.75	Head	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_39940	TLEEIYLYSLPIK	AGAP003768-PB	-	80	4.86E-08	2	1581.884	4.09	Malpighian tubule	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_40317	TYAFLTPDLWK	AGAP003768-PB	-	42	0.000741628	2	1354.708	2.75	Salivary gland	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_40686	GTGIVSAPVPK	AGAP003768-PB	-	40	0.000407745	1	1025.598	-0.58	Ovary	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB

JHU_Ag_40812	EFEIIDFFLNR	AGAP003768-PB	-	86	3.27E-08	2	1442.739	5.06	Midgut	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_42737	TPYQEFADFLDK	AGAP003768-PB	-	88	1.80E-08	1	1473.695	3.68	Malpighian tubule	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_43222	EDSKEWVPVTK	AGAP003768-PB	-	57	3.94E-05	1	1317.665	-2.83	Malpighian tubule	2R:-:43125598-43125566	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_45822	GTGIVSAPVPK	AGAP003768-PB	-	45	0.000137211	1	1025.599	-0.27	Midgut	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_46554	LSVVPVRR	AGAP003768-PB	-	38	0.000264923	2	925.594	-0.64	Male reproductive organs	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_46596	EVATAIR	AGAP003768-PB	-	40	0.002566179	2	759.435	-0.66	Ovary	2R:-:43125325-43125305	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_46746	KLLQMAGIDDCYTTTR	AGAP003768-PB	M5(Oxidation), C11(Carbamidomethyl)	82	1.05E-07	1	1901.909	-0.41	Male reproductive organs	2R:-:43124847-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_47911	LSVVPVRR	AGAP003768-PB	-	37	0.00038572	2	925.596	2.19	Malpighian tubule	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_50321	AFVAIGDSNGHIGLGVK	AGAP003768-PB	N9(Deamidated)	112	5.06E-11	1	1654.891	-0.41	Male reproductive organs	2R:-:43125385-43125335	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_50643	GTGIVSAPVPK	AGAP003768-PB	-	43	0.000214888	1	1025.599	0.01	Male reproductive organs	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_51183	TYAFLTPDLWK	AGAP003768-PB	-	50	0.00012004	1	1354.713	6.26	Larva	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_52554	TLEEIYLYSLPIKEFEIIDFFLNR	AGAP003768-PB	-	31	0.003890183	3	3005.611	6.68	Midgut	2R:-:43125532-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_52578	ATYAAIAK	AGAP003768-PB	-	42	0.000392128	2	808.455	-1.08	Midgut	2R:-:43124766-43124743	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_53422	LLQMAGIDDCYTTTRGSTTTLGNFAK	AGAP003768-PB	M4(Oxidation), C10(Carbamidomethyl)	78	2.35E-07	1	2851.363	0.92	Malpighian tubule	2R:-:43124844-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_54199	LSVVPVR	AGAP003768-PB	-	41	0.000126023	2	769.489	-4.68	Malpighian tubule	2R:-:43125283-43125263	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_55093	LLQMAGIDDCYTTTR	AGAP003768-PB	C10(Carbamidomethyl),"M4(Oxidation), C10(Carbamidomethyl)"	105	4.27E-10	1	1773.826	6.44	Malpighian tubule	2R:-:43124844-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_57063	TYAFLTPDLWK	AGAP003768-PB	-	63	5.79E-06	2	1354.711	4.91	Malpighian tubule	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_57255	EFEIIDFFLNR	AGAP003768-PB	-	82	7.57E-08	2	1442.735	2.61	Pupa	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_57423	TPYQEFADFLDK	AGAP003768-PB	-	94	4.56E-09	1	1473.689	-0.54	Midgut	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_58363	IGRPHTVPCKVSGK	AGAP003768-PB	C9(Carbamidomethyl)	46	0.00014252	1	1535.849	0.79	Malpighian tubule	2R:-:43125241-43125724,43124620-43124920	exon=> In CDS Exon 2 and 1 of transcript AGAP003768-PB
JHU_Ag_60986	EFEIIDFFLNR	AGAP003768-PB	-	88	2.33E-08	2	1442.739	4.89	Visceras	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_61243	EVATAIR	AGAP003768-PB	-	38	0.003257513	2	759.436	0.55	Visceras	2R:-:43125325-43125305	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_63204	TLEEIYLYSLPIK	AGAP003768-PB	-	86	1.24E-08	1	1581.886	5.48	Larva	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_63572	TYAFLTPDLWK	AGAP003768-PB	-	50	0.000131688	2	1354.709	3.2	Ovary	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_63707	LSVVPVR	AGAP003768-PB	-	37	0.000375624	2	769.493	0.08	Salivary gland	2R:-:43125283-43125263	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_65209	GSTTTLGNFAK	AGAP003768-PB	-	56	3.19E-05	2	1096.563	-0.19	Midgut	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB

JHU_Ag_65843	LSVVPVR	AGAP003768-PB	-	46	4.66E-05	2	769.489	-4.92	Visceras	2R:-:43125283-43125263	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_65920	GTGIVSAPVPKK	AGAP003768-PB	-	36	0.000617629	1	1153.695	0.97	Malpighian tubule	2R:-:43124880-43124845	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_65976	EFEIIDFFLNR	AGAP003768-PB	-	64	5.11E-06	2	1442.738	4.22	Male reproductive organs	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_67433	LSVVPVRR	AGAP003768-PB	-	31	0.001321661	2	925.593	-1.17	Visceras	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_67598	ATYAAIAK	AGAP003768-PB	-	33	0.002788868	1	808.458	1.81	Head	2R:-:43124766-43124743	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_69271	TPYQEFADFLDKTNK	AGAP003768-PB	-	60	1.65E-05	2	1816.887	6.26	Malpighian tubule	2R:-:43124691-43124647	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_70337	KLLQMAGIDDCYTTTR	AGAP003768-PB	C11(Carbamidomethyl),"M5(Oxidation),C11(Carbamidomethyl)"	106	3.93E-10	2	1885.919	2.39	Malpighian tubule	2R:-:43124847-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_70480	EWVPVTK	AGAP003768-PB	-	34	0.007821184	1	858.475	3.87	Head	2R:-:43125586-43125566	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_72866	TPYQEFADFLDKTNK	AGAP003768-PB	-	47	0.00028438	1	1816.878	1.45	Salivary gland	2R:-:43124691-43124647	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_72904	LIPAPR	AGAP003768-PB	-	20	0.00495416	1	666.429	-1.03	Midgut	2R:-:43124898-43124881	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_73834	TLEEIYLYSLPIK	AGAP003768-PB	-	93	3.07E-09	1	1581.875	-1.69	Midgut	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_75160	TLEEIYLYSLPIK	AGAP003768-PB	-	99	7.37E-10	1	1581.883	3.48	Head	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_75643	KLLQMAGIDDCYTTTR	AGAP003768-PB	C11(Carbamidomethyl),"M5(Oxidation),C11(Carbamidomethyl)"	112	1.07E-10	1	1885.916	0.48	Midgut	2R:-:43124847-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_76475	GSTTTLGNFAK	AGAP003768-PB	-	56	3.45E-05	2	1096.565	1.37	Head	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_77117	TLEEIYLYSLPIK	AGAP003768-PB	-	88	8.17E-09	2	1581.883	3.48	Ovary	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_77200	TYAFLTPDLWK	AGAP003768-PB	-	68	1.66E-06	1	1354.708	2.84	Pupa	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_77618	GTGIVSAPVPK	AGAP003768-PB	-	48	6.80E-05	1	1025.600	0.73	Salivary gland	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_79619	LSVVPVRR	AGAP003768-PB	-	38	8.32E-05	2	925.598	4.37	Head	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_79727	EDSKEWVPVTK	AGAP003768-PB	-	69	2.13E-06	1	1317.673	3.38	Head	2R:-:43125598-43125566	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_81594	KLLQMAGIDDCYTTTR	AGAP003768-PB	C11(Carbamidomethyl)	62	9.90E-06	1	1885.915	0.18	Salivary gland	2R:-:43124847-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_82036	GSTTTLGNFAK	AGAP003768-PB	-	58	1.86E-05	2	1096.564	0.71	Male reproductive organs	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_82574	CGSVLVR	AGAP003768-PB	C1(Carbamidomethyl)	60	1.61E-05	2	790.423	-0.81	Visceras	2R:-:43124919-43124899	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_83413	LLKDEVLK	AGAP003768-PB	-	51	3.80E-05	1	957.598	-0.33	Visceras	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_83615	AFVAIGDSNGHIGLGVK	AGAP003768-PB	-	98	1.02E-09	1	1654.895	2.4	Head	2R:-:43125385-43125335	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_86102	LLKDEVLK	AGAP003768-PB	-	60	0.0000053	1	957.598	-0.33	Male reproductive organs	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_87877	ATYAAIAK	AGAP003768-PB	-	46	0.000162715	1	808.458	1.57	Malpighian tubule	2R:-:43124766-43124743	exon=> In CDS Exon 2 of transcript AGAP003768-PB

JHU_Ag_91259	GSTTTLGNFAK	AGAP003768-PB	-	56	3.30E-05	1	1096.563	-0.41	Ovary	2R:-:43124799-43124767	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_92712	IGRPHTVPCK	AGAP003768-PB	C9(Carbamidomethyl)	38	0.001742 91	1	1164.631	0.41	Head	2R:-:43125241-43125212	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_94432	LLKDEVLK	AGAP003768-PB	-	58	5.76E-06	1	957.599	1.07	Malpighian tubule	2R:-:43125460-43125437	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_94493	TYAFLTPDLWK	AGAP003768-PB	-	60	1.17E-05	2	1354.706	1.31	Visceras	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_94610	AFVAIGDSNGHIGLGVK	AGAP003768-PB	N9(Deamidated)	124	4.37E-12	1	1655.874	-0.48	Midgut	2R:-:43125385-43125335	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_94772	TYAFLTPDLWK	AGAP003768-PB	-	61	1.03E-05	2	1354.709	3.2	Head	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_95098	TPYQEFADFLDK	AGAP003768-PB	-	100	1.27E-09	1	1473.690	0.2	Male reproductive organs	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_95430	LLQMAGIDDCYTTTR	AGAP003768-PB	M4(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	122	8.26E-12	1	1757.823	1.94	Head	2R:-:43124844-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_95502	ATYAAIAK	AGAP003768-PB	-	42	0.000368 492	2	808.458	1.87	Male reproductive organs	2R:-:43124766-43124743	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_97420	ATYAAIAK	AGAP003768-PB	-	32	0.003617 662	2	808.458	1.87	Salivary gland	2R:-:43124766-43124743	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_99105	TPYQEFADFLDK	AGAP003768-PB	-	77	2.34E-07	1	1473.692	1.44	Ovary	2R:-:43124691-43124656	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_100222	CGSVLVR	AGAP003768-PB	C1(Carbamidomethyl)	54	6.09E-05	2	790.425	1.28	Malpighian tubule	2R:-:43124919-43124899	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_100694	GTGIVSAPVPK	AGAP003768-PB	-	45	0.000140 731	2	1025.598	-0.82	Malpighian tubule	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_101198	GAIILAK	AGAP003768-PB	-	33	0.000933 329	1	685.460	-1.03	Midgut	2R:-:43125304-43125284	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_102798	ATYAAIAK	AGAP003768-PB	-	39	0.000720 158	1	808.457	0.59	Ovary	2R:-:43124766-43124743	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_104630	EFEIIDFFLNR	AGAP003768-PB	-	73	7.84E-07	2	1442.739	5.15	Larva	2R:-:43125493-43125461	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_106550	TPYQEFADFLDKTNK	AGAP003768-PB	Q4(Deamidated)	68	2.65E-06	2	1816.878	1.42	Visceras	2R:-:43124691-43124647	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_107485	TPYQEFADFLDKTNK	AGAP003768-PB	-	37	0.002950 527	1	1816.880	2.66	Pupa	2R:-:43124691-43124647	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_107922	TLEEIYLYSLPIK	AGAP003768-PB	-	106	1.19E-10	1	1581.886	5.18	Male reproductive organs	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_108449	GTGIVSAPVPK	AGAP003768-PB	-	42	0.000273 772	1	1025.599	-0.27	Pupa	2R:-:43124880-43124848	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_108641	TLEEIYLYSLPIK	AGAP003768-PB	-	52	4.01E-05	2	1581.880	1.55	Salivary gland	2R:-:43125532-43125494	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_109033	TPYQEFADFLDKTNK	AGAP003768-PB	-	87	2.98E-08	1	1816.877	0.75	Midgut	2R:-:43124691-43124647	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_110266	LLQMAGIDDCYTTTR	AGAP003768-PB	M4(Oxidation), C10(Carbamidomethyl)	111	8.51E-11	1	1773.820	2.79	Male reproductive organs	2R:-:43124844-43124800	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_111072	LSVVPVR	AGAP003768-PB	-	34	0.000634 525	2	769.488	-6.74	Pupa	2R:-:43125283-43125263	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_114939	TYAFLTPDLWK	AGAP003768-PB	-	56	3.30E-05	1	1354.705	0.77	Male reproductive organs	2R:-:43124742-43124710	exon=> In CDS Exon 2 of transcript AGAP003768-PB
JHU_Ag_115887	LSVVPVRR	AGAP003768-PB	-	30	0.002001 117	2	925.596	2.26	Larva	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_116374	LSVVPVRR	AGAP003768-PB	-	40	0.000163 784	2	925.596	2.45	Ovary	2R:-:43125283-43125260	exon=> In CDS Exon 1 of transcript AGAP003768-PB

JHU_Ag_117096	AFVAIGDSNGHIGLGVK	AGAP003768-PB	N9(Deamidated)	90	1.08E-08	1	1655.877	0.77	Pupa	2R:-:43125385-43125335	exon=> In CDS Exon 1 of transcript AGAP003768-PB
JHU_Ag_107	EPENVNPTENAISAVTK	AGAP003769-PA	-	57	3.26E-05	2	1812.897	-0.19	Ovary	2R:-:43129315-43129265	exon=> In CDS Exon 4 of transcript AGAP003769-PA
JHU_Ag_1388	AALDQDNFQQLMGSLLSTDNDVRTK	AGAP003769-PA	N-Term(Acetyl), M12(Oxidation)	64	5.90E-06	1	2838.367	3.3	Malpighian tubule	2R:-:43133829-43133755	exon=> In CDS Exon 1 of transcript AGAP003769-PA
JHU_Ag_1868	AIDSEPEADVLTELLHSLAR	AGAP003769-PA	-	35	0.002616065	1	2179.134	4.55	Salivary gland	2R:-:43130479-43130420	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_4615	ITEDDTSDNNVIAESALDR	AGAP003769-PA	-	94	5.71E-09	2	2077.953	0.51	Malpighian tubule	2R:-:43131763-43131707	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_6390	ISDIIHSLFVTYK	AGAP003769-PA	-	75	2.26E-07	1	1535.846	-0.24	Midgut	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_7832	FHEQVIPGLLNLLDDVENPR	AGAP003769-PA	-	57	1.71E-05	1	2318.224	4.29	Ovary	2R:-:43131430-43131371	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_8606	NGNTDELKLLR	AGAP003769-PA	N1(Deamidated)	57	2.84E-05	1	1272.696	3.95	Malpighian tubule	2R:-:43131112-43131080	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_8831	LVLEQVVTTIASVADTTEK	AGAP003769-PA	-	31	0.005015068	1	2017.111	2.12	Ovary	2R:-:43131223-43131167	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_9049	HLALEMMVSLAENAPAMVR	AGAP003769-PA	M6(Oxidation), M7(Oxidation), M17(Oxidation)	47	0.000346062	1	2131.041	3.24	Larva	2R:-:43131916-43131860	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_9758	KEEDYDDGVEEQLAEEDDADIYLLSR	AGAP003769-PA	-	90	7.89E-09	1	3059.347	-0.67	Ovary	2R:-:43130299-43130222	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_9798	ELKEGFANYAEEVVR	AGAP003769-PA	-	125	5.05E-12	1	1753.876	0.44	Ovary	2R:-:43130674-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_9962	TIECVSLIGLAVGAEK	AGAP003769-PA	C4(Carbamidomethyl)	86	2.41E-08	2	1659.901	1.58	Male reproductive organs	2R:-:43131073-43131026	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_11467	AEEVYNALPCETK	AGAP003769-PA	C10(Carbamidomethyl)	75	3.69E-07	2	1523.705	0.2	Head	2R:-:43133754-43133832,43130068-43132625	exon=> In CDS Exon 2 and 1 of transcript AGAP003769-PA
JHU_Ag_12120	YAACNAIGQMATDFAPIFEKK	AGAP003769-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M10(Oxidation)"	72	9.50E-07	1	2362.133	5.36	Malpighian tubule	2R:-:43131493-43131431	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_12448	IVSIIASCFYR	AGAP003769-PA	C8(Carbamidomethyl)	42	0.000863715	2	1328.705	1.29	Male reproductive organs	2R:-:43128834-43128802	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_12885	MLSAVLLR	AGAP003769-PA	-	61	3.00E-06	2	902.549	0.2	Malpighian tubule	2R:-:43132570-43132547	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_15018	AIDSEPEADVLTELLHSLAR	AGAP003769-PA	-	35	0.002995272	1	2179.127	1.44	Midgut	2R:-:43130479-43130420	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_15646	SAAAESLPYLLDCAK	AGAP003769-PA	C13(Carbamidomethyl)	92	1.06E-08	1	1608.795	0.92	Ovary	2R:-:43130584-43130540	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_15647	AYGAFVLLHDKEEDVQR	AGAP003769-PA	-	104	5.44E-10	1	1990.007	1.97	Salivary gland	2R:-:43132162-43132112	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_16496	THTEGDLPDDDPQTSYLISAWAR	AGAP003769-PA	-	114	5.84E-11	1	2588.199	3.63	Malpighian tubule	2R:-:43130983-43130915	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_17853	IVSIIASCFYR	AGAP003769-PA	C8(Carbamidomethyl)	66	3.46E-06	2	1328.704	0.46	Ovary	2R:-:43128834-43128802	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_19183	YLEPTSDQEVRFQAVR	AGAP003769-PA	-	107	2.77E-10	1	1937.979	3.75	Malpighian tubule	2R:-:43132210-43132163	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_19365	ITEDDTSDNNVIAESALDR	AGAP003769-PA	-	101	1.16E-09	2	2077.955	1.57	Ovary	2R:-:43131763-43131707	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_19769	FFRPQLEPIFELCMK	AGAP003769-PA	C13(Carbamidomethyl), M14(Oxidation)	50	0.000162439	1	1970.994	3.44	Malpighian tubule	2R:-:43131997-43131953	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_20889	VPHLLGTVQNPQMAEDAR	AGAP003769-PA	M13(Oxidation)	87	2.99E-08	1	1976.006	1.92	Salivary gland	2R:-:43132624-43132571	exon=> In CDS Exon 2 of transcript AGAP003769-PA

JHU_Ag_20994	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	68	4.29E-07	1	2278.273	1.03	Ovary	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_21132	THTEGDLPDDDPQTSYLISAWAR	AGAP003769-PA	-	59	1.72E-05	1	2588.197	2.85	Head	2R:-:43130983-43130915	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_21806	SAAAESLPYLLDCAK	AGAP003769-PA	C13(Carbamidomethyl)	49	0.000181897	1	1608.799	3.04	Head	2R:-:43130584-43130540	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_22053	AIDSEPEADVLTELLHSLAR	AGAP003769-PA	-	48	0.000161333	1	2179.131	2.95	Head	2R:-:43130479-43130420	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_22195	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	51	2.78E-05	1	2278.270	-0.25	Male reproductive organs	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_22375	LLQATNPWADR	AGAP003769-PA	-	35	0.003275713	2	1284.670	0.5	Visceras	2R:-:43130134-43130102	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_23118	EGFANYAEEVVR	AGAP003769-PA	-	63	6.66E-06	2	1383.657	2.2	Salivary gland	2R:-:43130665-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_25156	ASACEMLVCYAR	AGAP003769-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	68	9.38E-07	1	1430.623	0.54	Salivary gland	2R:-:43130710-43130675	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_26421	VFSTVDMEDNLR	AGAP003769-PA	M7(Oxidation)	67	2.59E-06	1	1441.668	3.33	Larva	2R:-:43131952-43131917	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_26730	VQAHAGAALVNFSEDCPK	AGAP003769-PA	C16(Carbamidomethyl)	95	4.64E-09	1	1913.922	2.24	Malpighian tubule	2R:-:43131370-43131317	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_27159	HLALEMMVSLAENAPAMVR	AGAP003769-PA	M6(Oxidation), M7(Oxidation), M17(Oxidation)	41	0.001427197	1	2131.046	5.3	Malpighian tubule	2R:-:43131916-43131860	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_27270	IVSIIASCFYR	AGAP003769-PA	C8(Carbamidomethyl)	95	4.20E-09	2	1328.704	0.56	Midgut	2R:-:43128834-43128802	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_28257	AALEGAYR	AGAP003769-PA	-	49	0.000187366	2	850.442	-0.1	Midgut	2R:-:43128684-43128661	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_28388	AYGAFVLLHDKEEDVQR	AGAP003769-PA	-	47	0.000318711	1	1990.000	-1.71	Pupa	2R:-:43132162-43132112	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_29385	ITEDDTSDNNVIAESALDR	AGAP003769-PA	-	133	6.78E-13	1	2077.949	-1.37	Midgut	2R:-:43131763-43131707	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_29518	QIESNPDLFQACINTLTAEQK	AGAP003769-PA	C12(Carbamidomethyl)	60	1.98E-05	1	2420.181	1.82	Ovary	2R:-:43128747-43128685	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_29593	KEEDYDDGVEEQLAEEDDADIYLLSR	AGAP003769-PA	-	116	2.06E-11	1	3059.352	1	Salivary gland	2R:-:43130299-43130222	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_30015	AALDQDNFQQLMGSLLSTDNDVR	AGAP003769-PA	N-Term(Acetyl), M12(Oxidation)	85	4.65E-08	1	2609.214	-0.39	Malpighian tubule	2R:-:43133829-43133761	exon=> In CDS Exon 1 of transcript AGAP003769-PA
JHU_Ag_31178	AALEGAYR	AGAP003769-PA	-	46	0.000407091	2	850.441	-1.17	Ovary	2R:-:43128684-43128661	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_31341	EPENVNPTENAISAVTK	AGAP003769-PA	-	57	3.19E-05	2	1812.906	4.73	Larva	2R:-:43129315-43129265	exon=> In CDS Exon 4 of transcript AGAP003769-PA
JHU_Ag_31425	ISDIIHSLFVTYK	AGAP003769-PA	-	103	3.01E-10	1	1535.855	5.32	Head	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_31486	EAVTVPHPEAER	AGAP003769-PA	-	44	0.00076885	1	1334.669	-0.37	Ovary	2R:-:43128801-43128766	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_32158	YLVDPHPR	AGAP003769-PA	-	39	0.001245163	2	996.529	2.63	Malpighian tubule	2R:-:43131523-43131500	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_35661	YAACNAIGQMATDFAPIFEK	AGAP003769-PA	C4(Carbamidomethyl), M10(Oxidation)	104	6.10E-10	1	2234.034	3.57	Malpighian tubule	2R:-:43131493-43131434	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_35744	KFHEQVIPGLLNLLDDVENPR	AGAP003769-PA	-	114	3.03E-11	1	2446.320	4.56	Malpighian tubule	2R:-:43131433-43131371	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_37536	QIESNPDLFQACINTLTAEQKAALEGAYR	AGAP003769-PA	C12(Carbamidomethyl)	116	2.85E-11	1	3251.614	4.11	Malpighian tubule	2R:-:43128747-43128661	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_37800	MLSAVLLR	AGAP003769-PA	M1(Oxidation)	39	0.000557952	2	918.545	0.62	Male reproductive organs	2R:-:43132570-43132547	exon=> In CDS Exon 2 of transcript AGAP003769-PA

JHU_Ag_38408	DQLKQQILLTLQQNESGSMR	AGAP003769-PA	M19(Oxidation)	58	1.84E-05	1	2346.220	4.79	Malpighian tubule	2R:-:43132489-43132430	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_38428	TIECVSLIGLAVGAEK	AGAP003769-PA	C4(Carbamidomethyl)	100	9.92E-10	1	1659.902	1.8	Ovary	2R:-:43131073-43131026	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_38762	HAALMAISAAGEGCQK	AGAP003769-PA	M5(Oxidation), C14(Carbamidomethyl)	56	4.28E-05	2	1630.773	3.26	Malpighian tubule	2R:-:43131616-43131569	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_39685	TILPHIVNNIPNMLLSPDWKQR	AGAP003769-PA	M13(Oxidation)	88	4.58E-09	1	2615.426	5.18	Malpighian tubule	2R:-:43131682-43131617	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_40599	EGFANYAEEVVR	AGAP003769-PA	-	79	1.67E-07	2	1383.652	-1.24	Midgut	2R:-:43130665-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_40950	EGFANYAEEVVR	AGAP003769-PA	-	65	4.61E-06	2	1383.658	3.09	Malpighian tubule	2R:-:43130665-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_41186	FHEQVIPGLLNLLDDVENPR	AGAP003769-PA	-	85	2.83E-08	1	2318.218	1.52	Salivary gland	2R:-:43131430-43131371	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_41790	LELILTTK	AGAP003769-PA	-	30	0.001426697	2	930.589	1.81	Malpighian tubule	2R:-:43131277-43131254	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_42153	AYGAFVLLHDKEEDVQR	AGAP003769-PA	-	57	2.77E-05	1	1990.010	3.53	Malpighian tubule	2R:-:43132162-43132112	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_43799	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	29	0.002929057	1	2278.284	5.69	Larva	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_43970	VQAHAGAALVNFSEDCPK	AGAP003769-PA	C16(Carbamidomethyl)	99	1.65E-09	1	1913.918	0.13	Ovary	2R:-:43131370-43131317	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_45652	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	37	0.000692326	1	2278.269	-0.82	Salivary gland	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_46245	ELKEGFANYAEEVVR	AGAP003769-PA	-	119	2.05E-11	1	1753.884	4.61	Malpighian tubule	2R:-:43130674-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_46382	VFSTVDMEDNLR	AGAP003769-PA	M7(Oxidation)	78	1.87E-07	1	1441.665	1.38	Malpighian tubule	2R:-:43131952-43131917	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_47031	VQAHAGAALVNFSEDCPK	AGAP003769-PA	C16(Carbamidomethyl)	37	0.002388388	1	1913.919	0.99	Salivary gland	2R:-:43131370-43131317	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_47715	FHEQVIPGLLNLLDDVENPR	AGAP003769-PA	-	91	6.60E-09	1	2318.220	2.39	Malpighian tubule	2R:-:43131430-43131371	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_48062	AEEVYNALPCETK	AGAP003769-PA	C10(Carbamidomethyl)	35	0.003309008	1	1523.708	1.88	Ovary	2R:-:43133754-43133832,43130068-43132625	exon=> In CDS Exon 2 and 1 of transcript AGAP003769-PA
JHU_Ag_48874	YLEPTSDQEVR	AGAP003769-PA	-	59	1.82E-05	1	1336.636	-1.64	Salivary gland	2R:-:43132210-43132178	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_48952	TKAEEVYNALPCETK	AGAP003769-PA	C12(Carbamidomethyl)	84	5.92E-08	1	1752.850	1.25	Ovary	2R:-:43133760-43133832,43130068-43132625	exon=> In CDS Exon 2 and 1 of transcript AGAP003769-PA
JHU_Ag_50224	LFSSEFHEFYEPLPPEAR	AGAP003769-PA	-	86	3.51E-08	1	2195.046	0.67	Ovary	2R:-:43132543-43132490	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_51261	IVSIIASCFYR	AGAP003769-PA	C8(Carbamidomethyl)	80	1.39E-07	2	1328.713	7.54	Malpighian tubule	2R:-:43128834-43128802	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_53002	VFSTVDMEDNLR	AGAP003769-PA	M7(Oxidation)	66	3.08E-06	2	1441.662	-0.48	Midgut	2R:-:43131952-43131917	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_53721	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	39	0.000386508	1	2278.275	2.08	Visceras	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_54778	TILPHIVNNIPNMLLSPDWK	AGAP003769-PA	M13(Oxidation)	40	0.000423654	1	2331.277	10.43	Salivary gland	2R:-:43131682-43131623	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_57346	LLQATNPWADR	AGAP003769-PA	-	51	7.61E-05	1	1284.670	0.12	Midgut	2R:-:43130134-43130102	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_57375	TILPHIVNNIPNMLLSPDWK	AGAP003769-PA	M13(Oxidation)	64	2.58E-06	1	2331.267	5.88	Ovary	2R:-:43131682-43131623	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_59809	LLQATNPWADR	AGAP003769-PA	-	48	0.000184632	2	1284.670	0.12	Male reproductive organs	2R:-:43130134-43130102	exon=> In CDS Exon 2 of transcript AGAP003769-PA

JHU_Ag_61819	LELILTTK	AGAP003769-PA	-	37	0.000255345	2	930.587	0.23	Salivary gland	2R:-:43131277-43131254	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_62171	AYGAFVLLHDKEEDVQR	AGAP003769-PA	-	150	1.53E-14	1	1990.000	-1.58	Ovary	2R:-:43132162-43132112	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_62389	TIECVSLIGLAVGAEK	AGAP003769-PA	C4(Carbamidomethyl)	72	6.47E-07	1	1659.900	0.55	Visceras	2R:-:43131073-43131026	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_63682	YLEPTSDQEVR	AGAP003769-PA	-	43	0.00093823	2	1336.642	3.02	Malpighian tubule	2R:-:43132210-43132178	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_63859	MLSAVLLR	AGAP003769-PA	M1(Oxidation)	58	5.28E-06	2	918.547	3.54	Ovary	2R:-:43132570-43132547	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_63915	LVLEQVVTTIASVADTTEKDFVVYYDR	AGAP003769-PA	-	96	1.93E-09	1	3074.596	0.76	Visceras	2R:-:43131223-43131143	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_64425	FHEQVIPGLLNLLDDVENPR	AGAP003769-PA	-	40	0.00105479	1	2318.205	-4.01	Midgut	2R:-:43131430-43131371	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_64724	IVSIIASCFYR	AGAP003769-PA	C8(Carbamidomethyl)	75	4.06E-07	2	1328.706	1.93	Visceras	2R:-:43128834-43128802	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_64949	TIECVSLIGLAVGAEK	AGAP003769-PA	C4(Carbamidomethyl)	100	9.95E-10	1	1659.905	3.64	Head	2R:-:43131073-43131026	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_65022	TIECVSLIGLAVGAEK	AGAP003769-PA	C4(Carbamidomethyl)	105	2.72E-10	1	1659.903	2.31	Salivary gland	2R:-:43131073-43131026	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_66487	AIDSEPEADVLTELLHSLAR	AGAP003769-PA	-	35	0.002746146	1	2179.130	2.79	Ovary	2R:-:43130479-43130420	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_66513	EGFANYAEEVVR	AGAP003769-PA	-	69	1.62E-06	2	1383.657	1.94	Pupa	2R:-:43130665-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_66841	LELILTTK	AGAP003769-PA	-	36	0.000429865	2	930.590	2.72	Ovary	2R:-:43131277-43131254	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_67107	LLQATNPWADR	AGAP003769-PA	-	39	0.001372229	1	1284.669	-0.64	Salivary gland	2R:-:43130134-43130102	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_67126	THTEGDLPDDDPQTSYLISAWAR	AGAP003769-PA	-	97	2.79E-09	1	2588.201	4.33	Midgut	2R:-:43130983-43130915	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_71101	QIESNPDLFQACINTLTAEQK	AGAP003769-PA	C12(Carbamidomethyl)	85	5.99E-08	2	2420.172	-1.92	Head	2R:-:43128747-43128685	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_71770	TASMKPEVALLDNDEMQGVENDSNWQFVNLGEQQNFVIR	AGAP003769-PA	M4(Oxidation), M16(Oxidation)	49	0.000108213	1	4498.120	6.01	Malpighian tubule	2R:-:43130848-43130732	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_71964	YLEGMWLYICPELLK	AGAP003769-PA	C10(Carbamidomethyl)	39	0.001746907	1	1927.973	1.61	Salivary gland	2R:-:43130524-43130480	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_72042	KFHEQVIPGLLNLLDDVENPR	AGAP003769-PA	-	115	1.97E-11	1	2446.329	8.31	Ovary	2R:-:43131433-43131371	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_72882	MLSAVLLR	AGAP003769-PA	M1(Oxidation)	50	3.61E-05	1	902.550	1.29	Salivary gland	2R:-:43132570-43132547	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_73301	KICEMVAEVAR	AGAP003769-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M5(Oxidation)"	76	4.80E-07	2	1305.670	3.66	Malpighian tubule	2R:-:43132426-43132394	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_73833	EPENVNPTENAISAVTK	AGAP003769-PA	-	82	8.91E-08	1	1812.900	1.43	Salivary gland	2R:-:43129315-43129265	exon=> In CDS Exon 4 of transcript AGAP003769-PA
JHU_Ag_74095	IVSIIASCFYR	AGAP003769-PA	C8(Carbamidomethyl)	72	8.77E-07	2	1328.703	-0.09	Head	2R:-:43128834-43128802	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_74219	EPENVNPTENAISAVTK	AGAP003769-PA	-	46	0.000359548	2	1812.896	-0.99	Head	2R:-:43129315-43129265	exon=> In CDS Exon 4 of transcript AGAP003769-PA
JHU_Ag_74398	EPENVNPTENAISAVTK	AGAP003769-PA	-	107	2.71E-10	1	1812.896	-0.99	Midgut	2R:-:43129315-43129265	exon=> In CDS Exon 4 of transcript AGAP003769-PA
JHU_Ag_74898	AIDSEPEADVLTELLHSLAR	AGAP003769-PA	-	46	0.000207989	1	2179.135	5.14	Malpighian tubule	2R:-:43130479-43130420	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_75400	ISDIIHSLFVTYK	AGAP003769-PA	-	37	0.001112735	1	1535.852	3.25	Larva	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA

JHU_Ag_75747	ISDIIHSLFVTYK	AGAP003769-PA	-	68	9.07E-07	1	1535.851	2.77	Salivary gland	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_76244	FFRPQLEPIFELCMK	AGAP003769-PA	C13(Carbamidomethyl), M14(Oxidation)	68	2.48E-06	1	1970.989	1.02	Salivary gland	2R:-:43131997-43131953	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_76856	AALEGAYR	AGAP003769-PA	-	44	0.000527492	2	850.438	-4.98	Salivary gland	2R:-:43128684-43128661	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_77319	LVLEQVVTTIASVADTTEK	AGAP003769-PA	-	64	2.89E-06	1	2017.106	-0.06	Malpighian tubule	2R:-:43131223-43131167	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_80599	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	47	6.08E-05	1	2278.275	2.08	Pupa	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_81113	LELILTTK	AGAP003769-PA	-	29	0.001626028	1	930.587	0.1	Midgut	2R:-:43131277-43131254	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_81664	AALDQDNFQQLMGSLLSTDNDVR	AGAP003769-PA	N-Term(Acetyl)	79	2.02E-07	1	2593.234	5.44	Malpighian tubule	2R:-:43133829-43133761	exon=> In CDS Exon 1 of transcript AGAP003769-PA
JHU_Ag_84785	LVLEQVVTTIASVADTTEKDFVVYYDR	AGAP003769-PA	-	108	1.26E-10	1	3074.594	0.28	Midgut	2R:-:43131223-43131143	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_86582	VQAHAGAALVNFSEDCPKNILTR	AGAP003769-PA	C16(Carbamidomethyl)	80	1.13E-07	1	2511.290	5.17	Malpighian tubule	2R:-:43131370-43131302	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_86686	TILPHIVNNIPNMLLSPDWK	AGAP003769-PA	M13(Oxidation)	51	4.76E-05	1	2331.260	2.81	Head	2R:-:43131682-43131623	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_87281	FMSDASDVMDMLLK	AGAP003769-PA	M2(Oxidation)	46	0.000271348	1	1618.713	-2.04	Ovary	2R:-:43131025-43130984	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_87289	QFEQFLPLVMGPVMR	AGAP003769-PA	M10(Oxidation), M14(Oxidation)	54	6.00E-05	1	1823.920	1.06	Malpighian tubule	2R:-:43130893-43130849	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_87715	MLSAVLLR	AGAP003769-PA	-	46	8.71E-05	2	902.547	-2.91	Visceras	2R:-:43132570-43132547	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_88166	TIECVSLIGLAVGAEK	AGAP003769-PA	C4(Carbamidomethyl)	66	2.54E-06	2	1659.898	-0.56	Midgut	2R:-:43131073-43131026	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_88986	EPENVNPTENAISAVTK	AGAP003769-PA	-	89	1.79E-08	1	1812.900	1.56	Malpighian tubule	2R:-:43129315-43129265	exon=> In CDS Exon 4 of transcript AGAP003769-PA
JHU_Ag_89358	LVLEQVVTTIASVADTTEKDFVVYYDR	AGAP003769-PA	-	39	0.000842021	1	3074.610	5.26	Ovary	2R:-:43131223-43131143	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_89750	ASACEMLVCYAR	AGAP003769-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	81	4.60E-08	1	1430.624	1.14	Ovary	2R:-:43130710-43130675	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_90092	YLEPTSDQEVR	AGAP003769-PA	-	50	0.000146956	2	1336.639	1.01	Pupa	2R:-:43132210-43132178	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_90316	IVSIIASCFYREAVTVPHPEAER	AGAP003769-PA	C8(Carbamidomethyl)	73	5.21E-07	1	2644.368	4.79	Malpighian tubule	2R:-:43128834-43128766	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_91556	EGFANYAEEVVR	AGAP003769-PA	-	77	2.60E-07	2	1383.655	1.06	Head	2R:-:43130665-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_91647	ISDIIHSLFVTYK	AGAP003769-PA	-	102	4.16E-10	1	1535.851	2.54	Ovary	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_93452	QQILLTLQQNESGSMR	AGAP003769-PA	Q1(Deamidated), M15(Oxidation),"Q2(Deamidated), M15(Oxidation)"	41	0.001135584	2	1862.942	7.43	Midgut	2R:-:43132477-43132430	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_93530	FFRPQLEPIFELCMK	AGAP003769-PA	C13(Carbamidomethyl), M14(Oxidation),C13(Carbamidomethyl)	58	2.08E-05	1	1954.992	0.24	Visceras	2R:-:43131997-43131953	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_93656	YLEPTSDQEVR	AGAP003769-PA	-	62	9.62E-06	2	1336.638	-0.36	Ovary	2R:-:43132210-43132178	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_94203	VFSTVDMEDNLR	AGAP003769-PA	M7(Oxidation)	55	3.85E-05	2	1441.667	2.82	Salivary gland	2R:-:43131952-43131917	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_95060	ISDIIHSLFVTYK	AGAP003769-PA	-	36	0.001640118	1	1535.849	1.22	Pupa	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA

JHU_Ag_95128	LFSSEFHEFYEPLPPEAR	AGAP003769-PA	-	81	1.13E-07	1	2195.046	0.89	Malpighian tubule	2R:-:43132543-43132490	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_95772	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	61	2.30E-06	1	2278.269	-0.82	Midgut	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_96774	ITEDDTSDNNVIAESALDR	AGAP003769-PA	-	44	0.000554271	2	2077.954	0.98	Pupa	2R:-:43131763-43131707	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_96915	AYGAFVLLHDKEEDVQR	AGAP003769-PA	-	76	3.88E-07	1	1990.004	0.41	Male reproductive organs	2R:-:43132162-43132112	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_96969	QIESNPDLFQACINTLTAEQK	AGAP003769-PA	C12(Carbamidomethyl)	117	3.60E-11	2	2420.167	-3.93	Midgut	2R:-:43128747-43128685	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_98296	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	69	3.12E-07	1	2278.278	3.36	Head	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_98595	EGFANYAEEVVR	AGAP003769-PA	-	61	9.73E-06	2	1383.653	-0.36	Male reproductive organs	2R:-:43130665-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_98924	VFSTVDMEDNLR	AGAP003769-PA	M7(Oxidation)	63	6.80E-06	2	1425.670	1.17	Ovary	2R:-:43131952-43131917	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_99097	YAACNAIGQMATDFAPIFEK	AGAP003769-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M10(Oxidation)"	97	2.64E-09	2	2234.026	0.29	Ovary	2R:-:43131493-43131434	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_99683	LFSSEFHEFYEPLPPEAR	AGAP003769-PA	-	57	3.28E-05	1	2195.048	1.67	Head	2R:-:43132543-43132490	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_100473	SAAAESLPYLLDCAK	AGAP003769-PA	C13(Carbamidomethyl)	64	5.84E-06	2	1608.802	5.25	Salivary gland	2R:-:43130584-43130540	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_102085	FFRPQLEPIFELCMK	AGAP003769-PA	C13(Carbamidomethyl), M14(Oxidation)	42	0.000848913	3	1970.995	3.99	Head	2R:-:43131997-43131953	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_104411	FFRPQLEPIFELCMK	AGAP003769-PA	C13(Carbamidomethyl), M14(Oxidation)	82	9.03E-08	1	1970.989	1.21	Ovary	2R:-:43131997-43131953	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_104439	ISDIIHSLFVTYK	AGAP003769-PA	-	84	2.35E-08	1	1535.853	4.05	Malpighian tubule	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_105010	YAACNAIGQMATDFAPIFEKK	AGAP003769-PA	C4(Carbamidomethyl)	39	0.001802154	1	2346.146	8.72	Ovary	2R:-:43131493-43131431	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_105358	EGFANYAEEVVR	AGAP003769-PA	-	82	9.42E-08	2	1383.655	1.06	Ovary	2R:-:43130665-43130630	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_105650	KEEDYDDGVEEQLAEEDDADIYLLSR	AGAP003769-PA	-	151	8.33E-15	1	3059.359	3.46	Malpighian tubule	2R:-:43130299-43130222	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_106011	VPHLLGTVQNPQMAEDAR	AGAP003769-PA	M13(Oxidation)	84	5.63E-08	1	1992.003	3.14	Ovary	2R:-:43132624-43132571	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_106866	ITEDDTSDNNVIAESALDR	AGAP003769-PA	-	140	1.32E-13	1	2077.953	0.63	Head	2R:-:43131763-43131707	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_107319	FFRPQLEPIFELCMK	AGAP003769-PA	C13(Carbamidomethyl), M14(Oxidation)	47	0.000300516	1	1970.988	0.65	Male reproductive organs	2R:-:43131997-43131953	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_107728	YLEPTSDQEVR	AGAP003769-PA	-	48	0.00026284	2	1336.636	-1.27	Midgut	2R:-:43132210-43132178	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_108057	AAAAVTAAATGVTQ	AGAP003769-PA	-	82	9.48E-08	2	1202.639	0.92	Malpighian tubule	2R:-:43128660-43128619	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_108249	THTEGDLPDDDPQTSYLISAWAR	AGAP003769-PA	-	109	1.81E-10	1	2588.194	1.5	Ovary	2R:-:43130983-43130915	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_108393	AALDQDNFQQLMGSLLSTDNDVR	AGAP003769-PA	N-Term(Acetyl), M12(Oxidation)	40	0.001634604	1	2609.226	4.17	Ovary	2R:-:43133829-43133761	exon=> In CDS Exon 1 of transcript AGAP003769-PA
JHU_Ag_108470	ISDIIHSLFVTYK	AGAP003769-PA	-	38	0.001221375	1	1535.847	0.15	Male reproductive organs	2R:-:43130221-43130183	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_108662	TILPHIVNNIPNMLLSPDWK	AGAP003769-PA	M13(Oxidation)	41	0.000527448	2	2331.263	4.47	Larva	2R:-:43131682-43131623	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_111387	SAAAESLPYLLDCAK	AGAP003769-PA	C13(Carbamidomethyl)	107	3.27E-10	1	1608.801	4.41	Malpighian tubule	2R:-:43130584-43130540	exon=> In CDS Exon 2 of transcript AGAP003769-PA

JHU_Ag_112309	IVSIIASCFYR	AGAP003769-PA	C8(Carbamidomethyl)	66	3.27E-06	2	1328.706	1.93	Salivary gland	2R:-:43128834-43128802	exon=> In CDS Exon 5 of transcript AGAP003769-PA
JHU_Ag_113225	TAGLEDKASACEMLVCYAR	AGAP003769-PA	C11(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl),"C11(Carbamidomethyl), C16(Carbamidomethyl)"	64	5.71E-06	1	2144.985	3.42	Malpighian tubule	2R:-:43130731-43130675	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_113391	QFEQFLPLVMGPVMR	AGAP003769-PA	M10(Oxidation), M14(Oxidation)	72	8.17E-07	1	1823.924	2.95	Ovary	2R:-:43130893-43130849	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_114983	FFRPQLEPIFELCMK	AGAP003769-PA	C13(Carbamidomethyl), M14(Oxidation)	77	2.86E-07	1	1970.994	3.9	Larva	2R:-:43131997-43131953	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_115159	YLEPTSDQEVR	AGAP003769-PA	-	56	3.81E-05	2	1336.637	-0.54	Head	2R:-:43132210-43132178	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_117211	IFASVPGIFGNQQAQHLPLIK	AGAP003769-PA	-	61	2.16E-06	1	2278.272	0.55	Malpighian tubule	2R:-:43132288-43132226	exon=> In CDS Exon 2 of transcript AGAP003769-PA
JHU_Ag_20471	VLYSVPAWLR	AGAP003770-PA	-	39	0.000695852	1	1203.689	0.73	Male reproductive organs	2R:+:43135046-43135075	exon=> In CDS Exon 2 of transcript AGAP003770-PA
JHU_Ag_20877	GVSGNEYQVLLR	AGAP003770-PA	-	74	5.65E-07	2	1334.707	0.55	Midgut	2R:+:43135076-43135111	exon=> In CDS Exon 2 of transcript AGAP003770-PA
JHU_Ag_28187	ALFGQNDYIDILGDDRLHPTR	AGAP003770-PA	Q5(Deamidated)	35	0.004142055	1	2430.222	6.86	Midgut	2R:+:43134983-43135045	exon=> In CDS Exon 2 of transcript AGAP003770-PA
JHU_Ag_77823	YLSIRPYFETAQEAIEWDK	AGAP003773-PA	-	105	5.38E-10	1	2359.167	2.84	Visceras	2R:+:43149750-43149806	exon=> In CDS Exon 1 of transcript AGAP003773-PA
JHU_Ag_22909	IISIIR	AGAP003773-PA,AGAP003773-PB	-	43	0.000194295	2	714.487	-0.91	Pupa	2R:+:43150501-43150518;2R:+:43150501-43150518	exon=> In CDS Exon 3 of transcript AGAP003773-PA;exon=> In CDS Exon 2 of transcript AGAP003773-PB
JHU_Ag_27942	KDDEPAEIPDYTIR	AGAP003773-PA,AGAP003773-PB	-	75	5.08E-07	1	1661.804	1.63	Visceras	2R:+:43150120-43150161;2R:+:43150120-43150161	exon=> In CDS Exon 2 of transcript AGAP003773-PA;exon=> In CDS Exon 1 of transcript AGAP003773-PB
JHU_Ag_39131	LHYYAVHDK	AGAP003773-PA,AGAP003773-PB	-	56	3.55E-05	1	1145.574	-0.03	Visceras	2R:+:43150234-43150260;2R:+:43150234-43150260	exon=> In CDS Exon 2 of transcript AGAP003773-PA;exon=> In CDS Exon 1 of transcript AGAP003773-PB
JHU_Ag_55151	FPLVCCDDQFR	AGAP003773-PA,AGAP003773-PB	C5(Carbamidomethyl), C6(Carbamidomethyl)	70	7.95E-07	1	1456.638	1.82	Visceras	2R:+:43150183-43150215;2R:+:43150183-43150215	exon=> In CDS Exon 2 of transcript AGAP003773-PA;exon=> In CDS Exon 1 of transcript AGAP003773-PB
JHU_Ag_56081	TFYYYYLQEIR	AGAP003773-PA,AGAP003773-PB	-	75	4.20E-07	1	1558.761	2.16	Visceras	2R:+:43149961-43149993;2R:+:43149961-43149993	exon=> In CDS Exon 2 of transcript AGAP003773-PA;exon=> In CDS Exon 1 of transcript AGAP003773-PB
JHU_Ag_93104	IISIIR	AGAP003773-PA,AGAP003773-PB	-	37	0.000434949	2	714.489	2.08	Head	2R:+:43150501-43150518;2R:+:43150501-43150518	exon=> In CDS Exon 3 of transcript AGAP003773-PA;exon=> In CDS Exon 2 of transcript AGAP003773-PB
JHU_Ag_98657	IISIIR	AGAP003773-PA,AGAP003773-PB	-	46	6.06E-05	2	714.487	-0.74	Visceras	2R:+:43150501-43150518;2R:+:43150501-43150518	exon=> In CDS Exon 3 of transcript AGAP003773-PA;exon=> In CDS Exon 2 of transcript AGAP003773-PB
JHU_Ag_103659	IISIIR	AGAP003773-PA,AGAP003773-PB	-	44	9.47E-05	2	714.490	3.19	Male reproductive organs	2R:+:43150501-43150518;2R:+:43150501-43150518	exon=> In CDS Exon 3 of transcript AGAP003773-PA;exon=> In CDS Exon 2 of transcript AGAP003773-PB
JHU_Ag_36687	ADKPDTTPWDQLEQLVK	AGAP003774-PA	-	47	0.000289552	1	1984.008	2.95	Visceras	2R:-:43151342-43151348,43151026-43151200	exon=> In CDS Exon 2 and 1 of transcript AGAP003774-PA
JHU_Ag_56687	NFLTEYDDIVLHK	AGAP003774-PA	-	84	6.75E-08	1	1606.812	0.53	Visceras	2R:-:43151190-43151152	exon=> In CDS Exon 2 of transcript AGAP003774-PA
JHU_Ag_907	EDFLYK	AGAP003775-PA	-	37	0.001466767	1	814.401	3.25	Visceras	2R:+:43152741-43152758	exon=> In CDS Exon 2 of transcript AGAP003775-PA

JHU_Ag_2283	LFLAETNK	AGAP003775-PA	-	48	0.000156676	2	935.520	0.2	Visceras	2R:+:43152585-43152608	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_3219	NGAAPATEVEPQDAPEEQK	AGAP003775-PA	N1(Deamidated)	111	9.48E-11	1	1980.914	-0.19	Visceras	2R:+:43152356-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_4594	AMNNDLIFSLK	AGAP003775-PA	M2(Oxidation)	87	2.38E-08	1	1265.658	2.05	Visceras	2R:+:43153096-43153128	exon=> In CDS Exon 4 of transcript AGAP003775-PA
JHU_Ag_11373	FLLMYDDLVENK	AGAP003775-PA	-	82	8.80E-08	1	1499.749	2.56	Visceras	2R:+:43152609-43152644	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_14932	TYIELGK	AGAP003775-PA	-	49	8.90E-05	1	823.457	0.93	Visceras	2R:+:43153075-43153095	exon=> In CDS Exon 4 of transcript AGAP003775-PA
JHU_Ag_15346	SVFLCAVNELR	AGAP003775-PA	C5(Carbamidomethyl)	56	4.21E-05	2	1307.681	2.21	Head	2R:+:43152657-43152689	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_27607	NGAAPATEVEPQDAPEEQK	AGAP003775-PA	N1(Deamidated)	69	1.37E-06	1	1981.898	-0.07	Midgut	2R:+:43152356-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_31311	AEENKNGAAPATEVEPQDAPEEQK	AGAP003775-PA	N-Term(Acetyl), N4(Deamidated)	41	0.000910736	1	2595.179	3.51	Head	2R:+:43152341-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_40530	AMNNDLIFSLKR	AGAP003775-PA	M2(Oxidation)	59	1.67E-05	1	1437.753	0.42	Visceras	2R:+:43153096-43153131	exon=> In CDS Exon 4 of transcript AGAP003775-PA
JHU_Ag_41797	LVTLLQR	AGAP003775-PA	-	35	0.001403593	2	842.547	0.84	Visceras	2R:+:43152696-43152716	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_41825	HIVCCGGEDAEAINTEEFEEHYQEVHSEADK	AGAP003775-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	126	6.51E-13	1	3632.519	0.43	Visceras	2R:+:43152759-43152782,43152865-43152933	exon=> In CDS Exon 2 and 3 of transcript AGAP003775-PA
JHU_Ag_47328	TYIELGK	AGAP003775-PA	-	49	8.94E-05	1	823.457	0.78	Head	2R:+:43153075-43153095	exon=> In CDS Exon 4 of transcript AGAP003775-PA
JHU_Ag_49051	AEENKNGAAPATEVEPQDAPEEQK	AGAP003775-PA	N-Term(Acetyl), N6(Deamidated)	100	1.04E-09	1	2595.170	0.4	Visceras	2R:+:43152341-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_50329	NGAAPATEVEPQDAPEEQK	AGAP003775-PA	N1(Deamidated), Q18(Deamidated),N1(Deamidated)	106	2.76E-10	1	1981.901	1.1	Head	2R:+:43152356-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_55526	YILHTMVK	AGAP003775-PA	M6(Oxidation)	36	0.003190992	1	1020.555	-0.13	Visceras	2R:+:43152717-43152740	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_57663	SVFLCAVNELR	AGAP003775-PA	C5(Carbamidomethyl)	63	7.69E-06	2	1307.683	3.89	Malpighian tubule	2R:+:43152657-43152689	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_77935	AEENKNGAAPATEVEPQDAPEEQK	AGAP003775-PA	N-Term(Acetyl)	85	4.13E-08	2	2594.185	-0.11	Visceras	2R:+:43152341-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_80085	SVFLCAVNELR	AGAP003775-PA	C5(Carbamidomethyl)	86	4.26E-08	1	1307.681	2.49	Visceras	2R:+:43152657-43152689	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_87336	FLLMYDDLVENKDK	AGAP003775-PA	M4(Oxidation)	100	1.47E-09	1	1758.865	1.9	Visceras	2R:+:43152609-43152650	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_91831	AISLPELDEIR	AGAP003775-PA	-	64	3.38E-06	1	1255.691	1.12	Visceras	2R:+:43152934-43152951,43153039-43153053	exon=> In CDS Exon 3 and 4 of transcript AGAP003775-PA
JHU_Ag_94469	AEENKNGAAPATEVEPQDAPEEQK	AGAP003775-PA	N-Term(Acetyl), N6(Deamidated)	41	0.000910736	1	2595.179	3.51	Head	2R:+:43152341-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_95600	LFLAETNK	AGAP003775-PA	-	39	0.001158168	2	935.521	1.7	Malpighian tubule	2R:+:43152585-43152608	exon=> In CDS Exon 2 of transcript AGAP003775-PA
JHU_Ag_98044	AYSAEVK	AGAP003775-PA	-	45	0.000372608	2	767.393	0.08	Visceras	2R:+:43153054-43153074	exon=> In CDS Exon 4 of transcript AGAP003775-PA
JHU_Ag_107496	SNSVLAGHLG	AGAP003775-PA	-	63	5.49E-06	2	954.501	0.31	Visceras	2R:+:43153144-43153173	exon=> In CDS Exon 4 of transcript AGAP003775-PA
JHU_Ag_115470	AEENKNGAAPATEVEPQDAPEEQK	AGAP003775-PA	N-Term(Acetyl), N4(Deamidated)	100	1.04E-09	1	2595.170	0.4	Visceras	2R:+:43152341-43152412	exon=> In CDS Exon 1 of transcript AGAP003775-PA
JHU_Ag_117675	ERLVTLLQR	AGAP003775-PA	-	34	0.001524928	2	1127.690	0.05	Visceras	2R:+:43152690-43152716	exon=> In CDS Exon 2 of transcript AGAP003775-PA

JHU_Ag_117749	KSNSVLAGHLG	AGAP003775-PA	-	76	1.92E-07	1	1082.594	-1.42	Visceras	2R:+:43153141-43153173	exon=> In CDS Exon 4 of transcript AGAP003775-PA
JHU_Ag_14018	LIHPSIVELR	AGAP003776-PA	-	27	0.003245874	1	1176.710	-0.18	Visceras	2R:+:43154132-43154155,43154238-43154243	exon=> In CDS Exon 3 and 4 of transcript AGAP003776-PA
JHU_Ag_71897	FQYIQSSGTK	AGAP003776-PA	-	50	0.000130071	2	1158.580	0.66	Visceras	2R:+:43153919-43153948	exon=> In CDS Exon 2 of transcript AGAP003776-PA
JHU_Ag_77960	IANNLYTTLER	AGAP003776-PA	-	67	2.64E-06	1	1307.694	-1.36	Visceras	2R:+:43154343-43154375	exon=> In CDS Exon 4 of transcript AGAP003776-PA
JHU_Ag_81728	QLYECVVELLQK	AGAP003776-PA	C5(Carbamidomethyl)	66	3.19E-06	2	1521.802	2.29	Visceras	2R:+:43153883-43153918	exon=> In CDS Exon 2 of transcript AGAP003776-PA
JHU_Ag_88378	TVHNEAFLVYPNMLELK	AGAP003777-PA	M13(Oxidation)	50	0.000137936	2	2018.050	4.01	Visceras	2R:+:43155125-43155169,43155236-43155241	exon=> In CDS Exon 3 and 4 of transcript AGAP003777-PA
JHU_Ag_8390	GVPTTVYIHTNIYNYSNK	AGAP003777-PB,AGAP003777-PA	-	120	1.54E-11	1	2084.047	0.92	Visceras	2R:+:43154668-43154721;2R:+:43154668-43154721	exon=> In CDS Exon 1 of transcript AGAP003777-PB;exon=> In CDS Exon 1 of transcript AGAP003777-PA
JHU_Ag_92533	FDATPLDDGSTRPEK	AGAP003777-PB,AGAP003777-PA	-	93	6.73E-09	1	1648.783	0.68	Visceras	2R:+:43154943-43154987;2R:+:43154943-43154987	exon=> In CDS Exon 2 of transcript AGAP003777-PB;exon=> In CDS Exon 2 of transcript AGAP003777-PA
JHU_Ag_2558	YTTVSTDYIR	AGAP003778-PA	-	44	0.00059444	1	1218.602	1.29	Visceras	2R:+:43157686-43157715	exon=> In CDS Exon 2 of transcript AGAP003778-PA
JHU_Ag_14436	HYYTVHHTPGR	AGAP003778-PA	-	62	8.02E-06	1	1367.662	1.32	Visceras	2R:+:43157855-43157887	exon=> In CDS Exon 3 of transcript AGAP003778-PA
JHU_Ag_57890	TPEDVAQWR	AGAP003778-PA	-	56	2.25E-05	1	1101.533	0.28	Visceras	2R:+:43157440-43157466	exon=> In CDS Exon 1 of transcript AGAP003778-PA
JHU_Ag_72863	YDSIVETWDLCDK	AGAP003778-PA	C11(Carbamidomethyl)	95	2.43E-09	2	1643.729	2.19	Visceras	2R:+:43157590-43157628	exon=> In CDS Exon 2 of transcript AGAP003778-PA
JHU_Ag_72887	LTYNFIIETK	AGAP003778-PA	-	76	2.06E-07	1	1241.679	1.48	Visceras	2R:+:43157467-43157469,43157548-43157574	exon=> In CDS Exon 1 and 2 of transcript AGAP003778-PA
JHU_Ag_11295	VDSPVTVCGDIHGQFYDLK	AGAP003779-PA	C8(Carbamidomethyl)	45	0.000503626	1	2150.024	0.77	Ovary	2R:-:43163378-43163322	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_13477	EILVEEGNVQR	AGAP003779-PA	-	51	0.000103467	2	1285.676	0.96	Midgut	2R:-:43163411-43163379	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_26505	PDYSDLDR	AGAP003779-PA	-	51	7.27E-05	2	980.431	-0.88	Ovary	2R:-:43163507-43163484	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_27896	IFCVHGGLSPSIQYLDQIR	AGAP003779-PA	C3(Carbamidomethyl)	95	3.05E-09	1	2203.133	-0.11	Ovary	2R:-:43163033-43162977	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_38419	QITQVYGFYDECIRK	AGAP003779-PA	C12(Carbamidomethyl)	43	0.000727612	1	1919.934	0.94	Visceras	2R:-:43163156-43163112	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_41551	EILVEEGNVQR	AGAP003779-PA	-	75	4.01E-07	1	1285.674	-0.56	Ovary	2R:-:43163411-43163379	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_44851	GYYSVETFLLLLALK	AGAP003779-PA	-	134	1.87E-13	1	1729.974	-1.95	Ovary	2R:-:43163252-43163208	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_52935	QITQVYGFYDECIRK	AGAP003779-PA	C12(Carbamidomethyl)	44	0.000551469	3	1919.932	-0.11	Salivary gland	2R:-:43163156-43163112	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_53805	QITQVYGFYDECIR	AGAP003779-PA	C12(Carbamidomethyl)	71	1.01E-06	2	1791.839	1.02	Midgut	2R:-:43163156-43163115	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_76660	DFTIFEAAPQESR	AGAP003779-PA	-	48	0.000213723	1	1510.714	-2.01	Ovary	2R:-:43162591-43162553	exon=> In CDS Exon 2 of transcript AGAP003779-PA
JHU_Ag_80538	QITQVYGFYDECIRK	AGAP003779-PA	C12(Carbamidomethyl)	80	1.59E-07	1	1919.932	-0.11	Midgut	2R:-:43163156-43163112	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_82520	QITQVYGFYDECIRK	AGAP003779-PA	C12(Carbamidomethyl)	94	6.61E-09	1	1919.934	0.95	Malpighian tubule	2R:-:43163156-43163112	exon=> In CDS Exon 1 of transcript AGAP003779-PA

JHU_Ag_82932	VGGDVPETNYLFMGDFVDR	AGAP003779-PA	M13(Oxidation)	88	1.64E-08	1	2146.975	-0.21	Ovary	2R:-:43163309-43163253	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_84624	QITQVYGFYDECIRK	AGAP003779-PA	C12(Carbamidomethyl)	68	2.29E-06	1	1919.928	-2.02	Head	2R:-:43163156-43163112	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_91886	QITQVYGFYDECIR	AGAP003779-PA	C12(Carbamidomethyl)	89	1.71E-08	2	1791.844	3.88	Malpighian tubule	2R:-:43163156-43163115	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_99734	QITQVYGFYDECIR	AGAP003779-PA	C12(Carbamidomethyl)	92	8.30E-09	1	1791.843	3.47	Head	2R:-:43163156-43163115	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_102497	QITQVYGFYDECIR	AGAP003779-PA	C12(Carbamidomethyl)	79	1.52E-07	2	1791.842	2.72	Salivary gland	2R:-:43163156-43163115	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_104772	EILVEEGNVQR	AGAP003779-PA	-	37	0.002303 87	2	1285.680	4.28	Head	2R:-:43163411-43163379	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_109689	QITQVYGFYDECIRK	AGAP003779-PA	C12(Carbamidomethyl)	41	0.001140 577	1	1919.931	-0.49	Ovary	2R:-:43163156-43163112	exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_4865	DVLEYFKK	AGAP003785-PA	-	41	0.000692 453	1	1041.561	-0.11	Midgut	2R:-:43292065-43292042	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_7916	LDIPLVK	AGAP003785-PA	-	31	0.001289 234	1	797.513	0.09	Midgut	2R:-:43291576-43291556	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_11975	MLGGSSSNNIMLYVR	AGAP003785-PA	M1(Oxidation), M11(Oxidation)	112	7.96E-11	1	1673.799	0.51	Malpighian tubule	2R:-:43292170-43292126	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_18575	FPDIQYHHSLILWK	AGAP003785-PA	-	58	1.58E-05	1	1796.949	0.27	Midgut	2R:-:43291348-43291307	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_21019	VNSFMSNDMTK	AGAP003785-PA	M5(Oxidation), M9(Oxidation)	45	8.73E-05	1	1305.544	-0.98	Midgut	2R:-:43291969-43291937	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_21425	SEDNGAQHLLQER	AGAP003785-PA	-	100	1.33E-09	1	1496.709	0.4	Malpighian tubule	2R:-:43292041-43292003	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_28096	LTQCFGWEDYISHQIIEQNQK	AGAP003785-PA	C4(Carbamidomethyl)	88	2.12E-08	1	2637.242	0.52	Midgut	2R:-:43291288-43291226	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_28505	LLDTENFGYHELK	AGAP003785-PA	-	104	7.34E-10	1	1578.780	-0.12	Malpighian tubule	2R:-:43291060-43291022	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_32962	SSNPYDAPIINANYLDDQRDVK	AGAP003785-PA	-	40	0.001357 192	1	2508.214	5.43	Malpighian tubule	2R:-:43291159-43291094	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_37177	EVIISAGAINTPQVLQLSGLGAK	AGAP003785-PA	-	187	3.05E-19	1	2279.300	1.36	Malpighian tubule	2R:-:43291660-43291592	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_42452	MGPNGDQASVVDSR	AGAP003785-PA	N4(Deamidated),"M1(Oxidation), N4(Deamidated)"	115	1.59E-11	1	1449.626	-1.04	Malpighian tubule	2R:-:43290904-43290863	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_44497	MGPNGDQASVVDSR	AGAP003785-PA	N4(Deamidated),"M1(Oxidation), N4(Deamidated)"	115	1.56E-11	1	1449.627	-0.54	Midgut	2R:-:43290904-43290863	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_44747	YGLGTFGTVGITDLLAFVNTQSPAAK	AGAP003785-PA	-	76	1.83E-07	1	2641.390	1.2	Malpighian tubule	2R:-:43291426-43291349	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_47140	EQLDRLDIPLVK	AGAP003785-PA	-	53	1.53E-05	1	1438.827	0.5	Midgut	2R:-:43291591-43291556	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_48145	SEILMVMVTLLNPK	AGAP003785-PA	M5(Oxidation), M7(Oxidation)	87	1.57E-08	1	1619.876	0.47	Malpighian tubule	2R:-:43291225-43291184	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_48717	SMDELLDSIYSYFR	AGAP003785-PA	M2(Oxidation)	83	6.90E-08	1	1754.797	1.81	Malpighian tubule	2R:-:43291468-43291427	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_49075	DVLEYFKK	AGAP003785-PA	-	42	0.000517 714	1	1041.564	1.88	Malpighian tubule	2R:-:43292065-43292042	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_51351	EIPSVGENLQDHLIVPLFLSLHGSRPIER	AGAP003785-PA	-	37	0.000547 697	1	3265.792	7.06	Malpighian tubule	2R:-:43291555-43291469	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_54680	DVLEYFK	AGAP003785-PA	-	44	0.000273 72	1	913.468	1.29	Midgut	2R:-:43292065-43292045	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_62393	SEDNGAQHLLQER	AGAP003785-PA	-	63	6.73E-06	1	1496.709	-0.22	Midgut	2R:-:43292041-43292003	exon=> In CDS Exon 2 of transcript AGAP003785-PA

JHU_Ag_68966	DYDRWEEQGNPGWGWK	AGAP003785-PA	-	65	2.32E-06	1	2022.878	2.28	Midgut	2R:-:43292113-43292066	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_68986	SSNPYDAPIINANYLDDQR	AGAP003785-PA	-	120	1.39E-11	1	2166.008	-0.7	Midgut	2R:-:43291159-43291103	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_69846	EQLDRLDIPLVK	AGAP003785-PA	-	49	3.63E-05	1	1438.831	2.87	Malpighian tubule	2R:-:43291591-43291556	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_73227	SMDELLDSIYSYFR	AGAP003785-PA	M2(Oxidation)	110	1.26E-10	2	1754.794	-0.42	Midgut	2R:-:43291468-43291427	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_75703	AFLNTAADRPNLHIIK	AGAP003785-PA	-	60	4.91E-06	1	1793.996	-3.64	Midgut	2R:-:43291807-43291760	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_78016	EVIISAGAINTPQVLQLSGLGAK	AGAP003785-PA	-	82	1.19E-08	2	2279.293	-1.77	Midgut	2R:-:43291660-43291592	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_79100	LVITEAAQELGIPEIMDINSDEYIGYNVAQGTVHK	AGAP003785-PA	M16(Oxidation)	149	1.08E-14	1	3846.915	1.08	Malpighian tubule	2R:-:43291936-43291832	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_88273	KEVIISAGAINTPQVLQLSGLGAK	AGAP003785-PA	-	131	7.51E-14	1	2407.389	-1.32	Malpighian tubule	2R:-:43291663-43291592	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_89104	ADYHAQGGLLK	AGAP003785-PA	-	56	3.97E-05	1	1172.605	-0.84	Midgut	2R:-:43292002-43291970	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_89653	VNSFMSNDMTK	AGAP003785-PA	M5(Oxidation), M9(Oxidation)	54	1.05E-05	1	1305.547	1.26	Malpighian tubule	2R:-:43291969-43291937	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_99398	LDIPLVK	AGAP003785-PA	-	31	0.001375092	1	797.514	0.78	Malpighian tubule	2R:-:43291576-43291556	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_101269	AFLNTAADRPNLHIIK	AGAP003785-PA	-	84	1.87E-08	1	1794.004	1.23	Malpighian tubule	2R:-:43291807-43291760	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_107298	ADYHAQGGLLK	AGAP003785-PA	-	42	0.000883919	1	1172.607	0.89	Malpighian tubule	2R:-:43292002-43291970	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_108357	SSNPYDAPIINANYLDDQR	AGAP003785-PA	-	127	2.43E-12	1	2166.015	2.34	Malpighian tubule	2R:-:43291159-43291103	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_108800	YGLGTFGTVGITDLLAFVNTQSPAAK	AGAP003785-PA	-	72	5.20E-07	3	2641.393	2.03	Midgut	2R:-:43291426-43291349	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_115598	LLDTENFGYHELK	AGAP003785-PA	-	98	2.91E-09	1	1578.775	-2.83	Midgut	2R:-:43291060-43291022	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_116744	EIPSVGENLQDHLIVPLFLSLHGSRPIER	AGAP003785-PA	-	28	0.005436168	1	3265.767	-0.86	Midgut	2R:-:43291555-43291469	exon=> In CDS Exon 2 of transcript AGAP003785-PA
JHU_Ag_27572	LSENPDWK	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	37	0.001829743	2	988.476	2.86	Malpighian tubule	2R:-:43298131-43298108;2R:-:43298131-43298108;2R:-:43298131-43298108;2R:-:43298131-43298108	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB
JHU_Ag_41030	DYGPTALQR	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	62	1.09E-05	1	1020.511	-0.01	Malpighian tubule	2R:-:43298224-43298198;2R:-:43298224-43298198;2R:-:43298224-43298198;2R:-:43298224-43298198	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB

JHU_Ag_68861	LSENPDWK	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	38	0.001463491	2	988.475	1.31	Head	2R:-:43298131-43298108;2R:-:43298131-43298108;2R:-:43298131-43298108	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB
JHU_Ag_70169	LSENPDWK	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	42	0.000505658	1	988.472	-1.58	Midgut	2R:-:43298131-43298108;2R:-:43298131-43298108;2R:-:43298131-43298108	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB
JHU_Ag_81946	GLDEYDFVIVGAGSAGSVVANR	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	97	2.55E-09	2	2196.098	2.14	Head	2R:-:43298197-43298132;2R:-:43298197-43298132;2R:-:43298197-43298132	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB
JHU_Ag_108835	GLDEYDFVIVGAGSAGSVVANR	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	171	1.32E-16	1	2196.090	-1.31	Malpighian tubule	2R:-:43298197-43298132;2R:-:43298197-43298132;2R:-:43298197-43298132	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB
JHU_Ag_111901	GLDEYDFVIVGAGSAGSVVANR	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	121	1.06E-11	1	2196.094	0.47	Midgut	2R:-:43298197-43298132;2R:-:43298197-43298132;2R:-:43298197-43298132	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB
JHU_Ag_112486	DYGPTALQR	AGAP003785-PA,AGAP003785-PE,AGAP003785-PD,AGAP003785-PB	-	67	3.67E-06	1	1020.514	3.4	Midgut	2R:-:43298224-43298198;2R:-:43298224-43298198;2R:-:43298224-43298198	exon=> In CDS Exon 1 of transcript AGAP003785-PA;exon=> In CDS Exon 1 of transcript AGAP003785-PE;exon=> In CDS Exon 1 of transcript AGAP003785-PD;exon=> In CDS Exon 1 of transcript AGAP003785-PB
JHU_Ag_957	STAENYNIQQELAK	AGAP003785-PD	-	92	9.90E-09	2	1608.790	2.27	Midgut	2R:-:43293268-43293227	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_1803	SEDNHDSELLR	AGAP003785-PD	-	68	1.48E-06	1	1314.591	-0.47	Midgut	2R:-:43293829-43293797	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_2347	EDVEAVLR	AGAP003785-PD	-	53	0.000101317	2	930.493	3.98	Malpighian tubule	2R:-:43292878-43292855	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_3112	EDVEAVLR	AGAP003785-PD	-	63	1.01E-05	2	930.490	0.96	Midgut	2R:-:43292878-43292855	exon=> In CDS Exon 2 of transcript AGAP003785-PD

JHU_Ag_6570	ASDMIKEDWGEGPNHTEL	AGAP003785-PD	M4(Oxidation)	103	4.05E-10	1	2044.901	4.5	Malpighian tubule	2R:-:43292530-43292477	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_6929	STAENYNIQQELAK	AGAP003785-PD	-	91	1.23E-08	1	1608.789	1.36	Salivary gland	2R:-:43293268-43293227	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_10580	LSECDELVYDSDDYWECYAR	AGAP003785-PD	C4(Carbamidomethyl), C17(Carbamidomethyl)	44	7.94E-05	1	2588.047	9.47	Malpighian tubule	2R:-:43292779-43292720	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_11239	VNIPLVADLPVGENLQDHLFVPLLFK	AGAP003785-PD	-	68	3.00E-07	1	2900.639	3.75	Head	2R:-:43293355-43293278	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_11374	YVNFMIDNK	AGAP003785-PD	M5(Oxidation)	57	2.01E-05	2	1159.544	-0.78	Midgut	2R:-:43293493-43293467	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_11689	STAENYNIQQELAK	AGAP003785-PD	-	94	6.06E-09	1	1608.786	-0.54	Visceras	2R:-:43293268-43293227	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_12401	EVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	114	4.89E-12	1	2312.334	0.27	Midgut	2R:-:43293439-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_13068	HAVVVTVER	AGAP003785-PD	-	40	0.000525325	1	1009.582	3.4	Malpighian tubule	2R:-:43293544-43293518	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_13129	NLFQYIMTR	AGAP003785-PD	M7(Oxidation)	69	1.35E-06	1	1185.605	-2.75	Midgut	2R:-:43293226-43293200	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_14472	AFLVPVK	AGAP003785-PD	-	39	0.000336019	1	773.493	1.6	Malpighian tubule	2R:-:43293592-43293572	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_15582	VVDGSIMPNIVSGNTNAPIMMIGEK	AGAP003785-PD	M7(Oxidation), M20(Oxidation), M21(Oxidation)	88	2.42E-08	1	2635.284	2.48	Malpighian tubule	2R:-:43292605-43292531	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_15689	SEDNHDSELLR	AGAP003785-PD	-	61	7.63E-06	1	1314.596	3.16	Malpighian tubule	2R:-:43293829-43293797	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_17741	VTLATEDFNEFNPPR	AGAP003785-PD	-	109	2.11E-10	1	1749.844	-0.44	Midgut	2R:-:43292950-43292906	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_18072	YTTLTLYHPVGTAK	AGAP003785-PD	-	78	1.63E-07	1	1564.841	2.31	Salivary gland	2R:-:43292719-43292678	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_19555	NLFQYIMTR	AGAP003785-PD	-	36	0.002387483	2	1185.611	2.19	Visceras	2R:-:43293226-43293200	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_19929	YHAAGGYLK	AGAP003785-PD	-	45	0.000570886	1	979.499	-0.61	Midgut	2R:-:43293781-43293755	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_20698	VTLATEDFNEFNPPR	AGAP003785-PD	-	57	4.13E-05	2	1749.857	7.37	Pupa	2R:-:43292950-43292906	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_20993	TDADWENYVEPTPHASK	AGAP003785-PD	-	103	4.16E-10	1	1959.873	0.44	Salivary gland	2R:-:43294045-43293995	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_21105	TLGGCGAINAMLYVR	AGAP003785-PD	C5(Carbamidomethyl), M11(Oxidation)	97	2.98E-09	1	1611.809	6.38	Malpighian tubule	2R:-:43293958-43293914	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_22220	EVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	113	4.70E-12	1	2312.344	4.31	Visceras	2R:-:43293439-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_22873	HAVVVTVER	AGAP003785-PD	-	41	0.000439591	1	1009.578	-0.77	Midgut	2R:-:43293544-43293518	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_23451	EHEGELHR	AGAP003785-PD	-	34	0.004306778	1	1006.473	2.4	Midgut	2R:-:43292809-43292786	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_23523	VGNFPVNHPLAEVMLQAFK	AGAP003785-PD	-	124	3.58E-12	1	2111.122	5.32	Visceras	2R:-:43293754-43293698	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_23588	VTLATEDFNEFNPPR	AGAP003785-PD	-	80	1.89E-07	1	1749.842	-1.55	Visceras	2R:-:43292950-43292906	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_24151	ASDMIKEDWGEGPNHTEL	AGAP003785-PD	M4(Oxidation)	52	4.42E-05	1	2044.892	0.2	Midgut	2R:-:43292530-43292477	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_24266	VNIPLVADLPVGENLQDHLFVPLLFK	AGAP003785-PD	-	53	1.05E-05	1	2900.632	1.22	Visceras	2R:-:43293355-43293278	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_24917	YTTLTLYHPVGTAK	AGAP003785-PD	-	60	1.01E-05	1	1564.837	0.29	Ovary	2R:-:43292719-43292678	exon=> In CDS Exon 2 of transcript AGAP003785-PD

JHU_Ag_25988	TDADWENYVEPTPHASK	AGAP003785-PD	-	100	7.68E-10	1	1959.872	0.25	Visceras	2R:-:43294045-43293995	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_27955	IQSGYLEAKEDVEAVLR	AGAP003785-PD	-	59	1.52E-05	1	1920.010	1.39	Ovary	2R:-:43292905-43292855	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_28569	AFLVPVKDRPNLHVIK	AGAP003785-PD	-	28	0.001164389	1	1846.105	-0.67	Midgut	2R:-:43293592-43293545	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_28854	STAENYNIQQELAK	AGAP003785-PD	-	100	1.53E-09	1	1608.791	2.8	Head	2R:-:43293268-43293227	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_31989	DRPNLHVIK	AGAP003785-PD	-	36	0.001179797	1	1091.635	2.41	Head	2R:-:43293571-43293545	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_33607	TDADWENYVEPTPHASK	AGAP003785-PD	-	95	2.65E-09	1	1959.877	2.77	Head	2R:-:43294045-43293995	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_33929	HAVVVTVERDPSTER	AGAP003785-PD	-	71	9.25E-07	1	1694.883	0.62	Pupa	2R:-:43293544-43293500	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_39421	YTTLTLYHPVGTAK	AGAP003785-PD	-	78	1.53E-07	1	1564.839	1.22	Head	2R:-:43292719-43292678	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_39835	KSEDNHDSELLR	AGAP003785-PD	-	73	7.38E-07	1	1442.692	3.6	Malpighian tubule	2R:-:43293832-43293797	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_40158	VGNFPVNHPLAEVMLQAFKDAGFESTADINGAR	AGAP003785-PD	M14(Oxidation)	91	7.23E-09	1	3531.751	5.21	Malpighian tubule	2R:-:43293754-43293656	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_40926	VKGVEGLR	AGAP003785-PD	-	36	0.002940101	2	857.520	-0.37	Midgut	2R:-:43292629-43292606	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_43300	VGNFPVNHPLAEVMLQAFK	AGAP003785-PD	-	37	0.001842886	1	2111.118	3.5	Pupa	2R:-:43293754-43293698	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_44657	EVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	113	4.70E-12	1	2312.347	5.89	Malpighian tubule	2R:-:43293439-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_45088	GSKDGAFWPR	AGAP003785-PD	-	61	1.23E-05	2	1120.558	4.39	Malpighian tubule	2R:-:43293994-43293965	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_45772	KEVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	19	0.004921075	1	2440.441	4.95	Head	2R:-:43293442-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_47060	IQSGYLEAKEDVEAVLR	AGAP003785-PD	-	150	1.34E-14	1	1920.009	0.64	Midgut	2R:-:43292905-43292855	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_47080	DRPNLHVIK	AGAP003785-PD	-	44	0.000241573	1	1091.630	-2.04	Midgut	2R:-:43293571-43293545	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_49896	NLFQYIMTR	AGAP003785-PD	M7(Oxidation)	47	0.000290626	2	1201.605	1.01	Head	2R:-:43293226-43293200	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_51865	KEVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	125	1.14E-13	1	2440.441	4.96	Ovary	2R:-:43293442-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_52642	VGNFPVNHPLAEVMLQAFK	AGAP003785-PD	M14(Oxidation)	35	0.003117537	1	2127.117	5.15	Male reproductive organs	2R:-:43293754-43293698	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_52865	AFLVPVKDRPNLHVIK	AGAP003785-PD	-	49	4.55E-06	1	1846.115	4.69	Malpighian tubule	2R:-:43293592-43293545	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_56595	SEDNHDSELLR	AGAP003785-PD	-	62	4.96E-06	1	1314.584	-6.23	Head	2R:-:43293829-43293797	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_57311	HAVVVTVERDPSTER	AGAP003785-PD	-	73	5.44E-07	1	1694.887	3.1	Malpighian tubule	2R:-:43293544-43293500	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_57483	NLFQYIMTR	AGAP003785-PD	-	68	1.47E-06	1	1185.611	2.19	Salivary gland	2R:-:43293226-43293200	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_59435	VLLLEAGGDPPIESEIPETFFTIQK	AGAP003785-PD	-	55	1.75E-05	2	2743.462	6.39	Midgut	2R:-:43298107-43298353,43292474-43294046	exon=> In CDS Exon 2 and 1 of transcript AGAP003785-PD
JHU_Ag_59456	VNIPLVADLPVGENLQDHLFVPLLFK	AGAP003785-PD	-	88	3.00E-09	1	2900.642	4.5	Ovary	2R:-:43293355-43293278	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_61445	VGNFPVNHPLAEVMLQAFK	AGAP003785-PD	M14(Oxidation)	133	4.22E-13	1	2111.109	-0.92	Midgut	2R:-:43293754-43293698	exon=> In CDS Exon 2 of transcript AGAP003785-PD

JHU_Ag_62132	YTTLTLYHPVGTAK	AGAP003785-PD	-	93	5.68E-09	1	1564.836	-0.49	Midgut	2R:-:43292719-43292678	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_62412	AFLVPVK	AGAP003785-PD	-	36	0.000684485	2	773.494	2	Head	2R:-:43293592-43293572	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_63133	LSECDELVYDSDDYWECYAR	AGAP003785-PD	C4(Carbamidomethyl), C17(Carbamidomethyl)	74	7.47E-08	2	2588.032	3.63	Visceras	2R:-:43292779-43292720	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_66313	VGNFPVNHPLAEVMLQAFK	AGAP003785-PD	-	123	4.37E-12	1	2111.111	-0.06	Salivary gland	2R:-:43293754-43293698	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_66598	AFLVPVK	AGAP003785-PD	-	36	0.00070495	2	773.492	0.26	Visceras	2R:-:43293592-43293572	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_67158	YTTLTLYHPVGTAK	AGAP003785-PD	-	68	1.51E-06	2	1564.840	2	Pupa	2R:-:43292719-43292678	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_68080	DGAFWPR	AGAP003785-PD	-	45	0.00058899	2	848.404	-0.86	Midgut	2R:-:43293985-43293965	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_68250	VTLATEDFNEFNPPR	AGAP003785-PD	-	84	6.48E-08	1	1749.846	0.89	Head	2R:-:43292950-43292906	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_70671	VNIPLVADLPVGENLQDHLFVPLLFK	AGAP003785-PD	-	45	5.33E-05	1	2900.637	2.74	Salivary gland	2R:-:43293355-43293278	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_73012	MGPDSDKEAVVDAR	AGAP003785-PD	M1(Oxidation)	85	3.08E-08	2	1505.690	0.22	Midgut	2R:-:43292677-43292636	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_75506	EVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	101	9.52E-11	1	2312.339	2.09	Head	2R:-:43293439-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_77295	VGYTQEISQSMLEAATEADVVMAIVVLLNPK	AGAP003785-PD	M11(Oxidation), M22(Oxidation)	142	5.21E-14	1	3351.714	2.19	Malpighian tubule	2R:-:43293055-43292963	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_81527	DAGFESTADINGAR	AGAP003785-PD	-	68	1.98E-06	2	1423.649	2.61	Malpighian tubule	2R:-:43293697-43293656	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_81941	VLLLEAGGDPPIESEIPETFFTIQK	AGAP003785-PD	-	85	2.17E-08	1	2743.449	1.85	Salivary gland	2R:-:43298107-43298353,43292474-43294046	exon=> In CDS Exon 2 and 1 of transcript AGAP003785-PD
JHU_Ag_81965	DAGFESTADINGAR	AGAP003785-PD	-	51	7.70E-05	2	1423.644	-0.31	Ovary	2R:-:43293697-43293656	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_82137	VVDGSIMPNIVSGNTNAPIMMIGEK	AGAP003785-PD	M7(Oxidation), M20(Oxidation), M21(Oxidation),"M20(Oxidation), M21(Oxidation)"	52	0.000103068	2	2619.275	-3.1	Midgut	2R:-:43292605-43292531	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_82742	TDADWENYVEPTPHASK	AGAP003785-PD	-	108	1.46E-10	1	1959.880	3.99	Malpighian tubule	2R:-:43294045-43293995	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_83398	AFLVPVK	AGAP003785-PD	-	42	0.000179126	1	773.492	-0.51	Midgut	2R:-:43293592-43293572	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_85039	GRVTLATEDFNEFNPPR	AGAP003785-PD	-	52	0.00011392	1	1962.975	4.13	Midgut	2R:-:43292956-43292906	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_85570	DAGFESTADINGAR	AGAP003785-PD	-	93	5.84E-09	2	1423.643	-1.59	Visceras	2R:-:43293697-43293656	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_86194	DAGFESTADINGAR	AGAP003785-PD	-	98	1.60E-09	2	1423.648	2.27	Head	2R:-:43293697-43293656	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_86995	IQSGYLEAK	AGAP003785-PD	-	45	0.000365907	2	1008.536	-0.07	Midgut	2R:-:43292905-43292879	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_87436	VNIPLVADLPVGENLQDHLFVPLLFK	AGAP003785-PD	-	103	1.04E-10	1	2900.631	0.97	Midgut	2R:-:43293355-43293278	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_88892	VGNFPVNHPLAEVMLQAFK	AGAP003785-PD	M14(Oxidation)	132	5.58E-13	1	2111.111	0.29	Malpighian tubule	2R:-:43293754-43293698	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_90918	YVNFMIDNK	AGAP003785-PD	M5(Oxidation)	42	0.000611434	2	1159.548	2.06	Malpighian tubule	2R:-:43293493-43293467	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_91742	SGPMAGHGVTSVIGFINTLDATSPFADIEYHFFQFEK	AGAP003785-PD	M4(Oxidation)	63	4.70E-06	1	4046.934	1.76	Malpighian tubule	2R:-:43293199-43293089	exon=> In CDS Exon 2 of transcript AGAP003785-PD

JHU_Ag_92667	DGGKYHAAGGYLK	AGAP003785-PD	-	85	5.17E-08	1	1336.670	4.2	Malpighian tubule	2R:-:43293793-43293755	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_92842	IQSGYLEAKEDVEAVLR	AGAP003785-PD	-	143	5.60E-14	1	1920.018	5.6	Malpighian tubule	2R:-:43292905-43292855	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_96637	VNIPLVADLPVGENLQDHLFVPLLFK	AGAP003785-PD	-	86	5.09E-09	1	2900.635	2.17	Malpighian tubule	2R:-:43293355-43293278	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_97052	NLFQYIMTR	AGAP003785-PD	M7(Oxidation)	73	6.07E-07	1	1201.605	0.91	Malpighian tubule	2R:-:43293226-43293200	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_97876	YTTLTLYHPVGTAK	AGAP003785-PD	-	75	3.07E-07	1	1564.840	2.08	Malpighian tubule	2R:-:43292719-43292678	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_97967	DGAFWPR	AGAP003785-PD	-	41	0.001390 84	2	848.408	3.39	Malpighian tubule	2R:-:43293985-43293965	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_99251	KEVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	191	3.27E-20	1	2440.442	5.56	Malpighian tubule	2R:-:43293442-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_99684	DRPNLHVIK	AGAP003785-PD	-	40	0.000501 371	1	1091.631	-0.86	Visceras	2R:-:43293571-43293545	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_99754	LSECDELVYDSDDYWECYAR	AGAP003785-PD	C4(Carbamidomethyl), C17(Carbamidomethyl)	81	1.25E-08	2	2588.034	4.19	Midgut	2R:-:43292779-43292720	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_99843	IVDTPTFREHEGELHR	AGAP003785-PD	-	59	1.92E-05	1	1935.976	4.59	Malpighian tubule	2R:-:43292833-43292786	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_100079	HAVVVTVERDPSTER	AGAP003785-PD	-	69	1.38E-06	1	1694.880	-1.22	Midgut	2R:-:43293544-43293500	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_102080	DAGFESTADINGAR	AGAP003785-PD	N11(Deamidated)	108	1.18E-10	2	1424.630	0.89	Midgut	2R:-:43293697-43293656	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_103399	VTLATEDFNEFNPPR	AGAP003785-PD	-	80	1.80E-07	1	1749.856	6.47	Malpighian tubule	2R:-:43292950-43292906	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_103683	KEVILAAGAINTPHILQLSGIGPK	AGAP003785-PD	-	194	2.47E-20	1	2440.427	-0.74	Midgut	2R:-:43293442-43293371	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_105144	MGPDSDKEAVVDAR	AGAP003785-PD	M1(Oxidation)	104	4.33E-10	1	1505.695	3.06	Malpighian tubule	2R:-:43292677-43292636	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_105480	SGPMAGHGVTSVIGFINTLDATSPFADIEYHFFQFEK	AGAP003785-PD	M4(Oxidation)	80	9.51E-08	1	4046.925	-0.59	Midgut	2R:-:43293199-43293089	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_105875	STAENYNIQQELAK	AGAP003785-PD	-	62	1.06E-05	2	1608.788	0.82	Pupa	2R:-:43293268-43293227	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_106364	VTLATEDFNEFNPPR	AGAP003785-PD	-	87	3.86E-08	2	1749.846	0.96	Ovary	2R:-:43292950-43292906	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_107131	STAENYNIQQELAK	AGAP003785-PD	-	107	3.25E-10	1	1608.795	5.07	Malpighian tubule	2R:-:43293268-43293227	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_107514	STAENYNIQQELAK	AGAP003785-PD	-	73	7.82E-07	1	1608.788	0.82	Ovary	2R:-:43293268-43293227	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_107915	IVDTPTFR	AGAP003785-PD	-	41	0.001093 712	2	948.514	-0.91	Midgut	2R:-:43292833-43292810	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_111088	TDADWENYVEPTPHASK	AGAP003785-PD	-	64	3.09E-06	1	1959.873	0.34	Ovary	2R:-:43294045-43293995	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_113427	SEDNHDSELLRR	AGAP003785-PD	-	48	0.000223 157	1	1470.698	2.98	Malpighian tubule	2R:-:43293829-43293794	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_114568	TDADWENYVEPTPHASK	AGAP003785-PD	-	115	2.72E-11	1	1959.876	2.21	Midgut	2R:-:43294045-43293995	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_116237	VKGVEGLR	AGAP003785-PD	-	31	0.006201 333	1	857.524	3.9	Malpighian tubule	2R:-:43292629-43292606	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_116944	MGPDSDKEAVVDAR	AGAP003785-PD	M1(Oxidation)	47	0.000252 033	1	1505.693	2.01	Head	2R:-:43292677-43292636	exon=> In CDS Exon 2 of transcript AGAP003785-PD
JHU_Ag_3878	DRDQFAALVR	AGAP003789-PA	-	66	4.94E-06	1	1190.627	-0.6	Head	2R:+:43322084-43322113	exon=> In CDS Exon 4 of transcript AGAP003789-PA
JHU_Ag_17976	MTILQTLEGHLR	AGAP003789-PA	M1(Oxidation)	83	4.29E-08	1	1411.770	-1.66	Midgut	2R:+:43316764-43316799	exon=> In CDS Exon 3 of transcript AGAP003789-PA

JHU_Ag_30439	DQFAALVR	AGAP003789-PA	-	34	0.004883381	1	919.501	1.05	Head	2R:+:43322090-43322113	exon=> In CDS Exon 4 of transcript AGAP003789-PA
JHU_Ag_30870	MTILQTLEGHLR	AGAP003789-PA	M1(Oxidation)	69	1.03E-06	1	1427.766	-1.26	Ovary	2R:+:43316764-43316799	exon=> In CDS Exon 3 of transcript AGAP003789-PA
JHU_Ag_42193	MTILQTLEGHLR	AGAP003789-PA	M1(Oxidation)	45	0.000278262	1	1427.769	1.12	Male reproductive organs	2R:+:43316764-43316799	exon=> In CDS Exon 3 of transcript AGAP003789-PA
JHU_Ag_46008	MTILQTLEGHLR	AGAP003789-PA	-	82	5.78E-08	1	1411.774	0.88	Malpighian tubule	2R:+:43316764-43316799	exon=> In CDS Exon 3 of transcript AGAP003789-PA
JHU_Ag_47905	ADELLGTASEQFLGK	AGAP003789-PA	-	107	3.04E-10	1	1578.809	4.72	Ovary	2R:+:43316701-43316745	exon=> In CDS Exon 3 of transcript AGAP003789-PA
JHU_Ag_70735	ADELLGTASEQFLGK	AGAP003789-PA	-	132	9.79E-13	1	1578.806	2.87	Head	2R:+:43316701-43316745	exon=> In CDS Exon 3 of transcript AGAP003789-PA
JHU_Ag_71598	IMKADELLGTASEQFLGK	AGAP003789-PA	M2(Oxidation)	44	0.00050002	1	1967.021	2.74	Ovary	2R:+:43313198-43313206,43316701-43316745	exon=> In CDS Exon 2 and 3 of transcript AGAP003789-PA
JHU_Ag_76961	IMKADELLGTASEQFLGK	AGAP003789-PA	M2(Oxidation)	63	6.12E-06	1	1967.019	1.62	Malpighian tubule	2R:+:43313198-43313206,43316701-43316745	exon=> In CDS Exon 2 and 3 of transcript AGAP003789-PA
JHU_Ag_86911	MTILQTLEGHLR	AGAP003789-PA	M1(Oxidation)	95	2.69E-09	1	1427.772	2.77	Head	2R:+:43316764-43316799	exon=> In CDS Exon 3 of transcript AGAP003789-PA
JHU_Ag_87376	AILGTLTVEEVYK	AGAP003789-PA	-	50	5.54E-05	1	1435.798	-4.22	Head	2R:+:43316800-43316809,43322055-43322083	exon=> In CDS Exon 3 and 4 of transcript AGAP003789-PA
JHU_Ag_338	DVYDDVQYLQSLGK	AGAP003789-PA,AGAP003789-PC	-	48	0.000253576	2	1642.805	5.35	Malpighian tubule	2R:+:43322174-43322215;2R:+:43322174-43322215	exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_24727	DVYDDVQYLQSLGK	AGAP003789-PA,AGAP003789-PC	-	89	1.78E-08	1	1642.800	2.6	Ovary	2R:+:43322174-43322215;2R:+:43322174-43322215	exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_31259	MGIEILSFTIK	AGAP003789-PA,AGAP003789-PC	M1(Oxidation)	77	1.54E-07	1	1267.695	-1.16	Midgut	2R:+:43322141-43322173;2R:+:43322141-43322173	exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_51615	DVYDDVQYLQSLGK	AGAP003789-PA,AGAP003789-PC	Q7(Deamidated)	113	7.94E-11	1	1642.801	3.27	Head	2R:+:43322174-43322215;2R:+:43322174-43322215	exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_57475	RDADAGVAEANR	AGAP003789-PA,AGAP003789-PC	-	70	1.23E-06	1	1244.593	-3.87	Head	2R:+:43322237-43322272;2R:+:43322237-43322272	exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_80779	DVYDDVQYLQSLGK	AGAP003789-PA,AGAP003789-PC	-	42	0.000885835	2	1642.801	3.05	Visceras	2R:+:43322174-43322215;2R:+:43322174-43322215	exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_106423	DVYDDVQYLQSLGK	AGAP003789-PA,AGAP003789-PC	-	85	5.07E-08	1	1642.805	5.58	Midgut	2R:+:43322174-43322215;2R:+:43322174-43322215	exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_26310	EDVGGDLGDLLATLASF	AGAP003790-PA	-	135	5.69E-13	1	1692.833	-0.05	Ovary	2R:+:43352283-43352333	exon=> In CDS Exon 5 of transcript AGAP003790-PA
JHU_Ag_733	LCVSLVQGNR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C2(Carbamidomethyl)	50	0.000154949	2	1145.611	1.23	Salivary gland	2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_821	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	66	1.04E-06	1	884.556	-0.61	Salivary gland	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_2559	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	117	2.12E-11	1	2234.152	3.18	Male reproductive organs	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_2765	LCVSLVQGNR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C2(Carbamidomethyl)	51	0.000113332	2	1145.610	0.05	Pupa	2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_3098	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	142	1.01E-13	1	2078.039	-2.43	Midgut	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_4568	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	140	1.51E-13	1	2078.045	0.39	Male reproductive organs	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_5804	DLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	37	0.003025892	1	803.454	3.92	Larva	2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_7902	LCVSLVQGNR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C2(Carbamidomethyl)	57	3.13E-05	2	1145.610	0.69	Male reproductive organs	2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_10953	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	52	8.81E-05	1	2078.055	5.12	Malpighian tubule	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB

JHU_Ag_15171	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	109	1.31E-10	1	2234.151	2.69	Midgut	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_15875	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	51	3.45E-05	2	884.555	-1.16	Head	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_16943	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	131	9.49E-13	1	2234.149	1.54	Pupa	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_17173	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	123	5.60E-12	1	2234.157	5.37	Visceras	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_18070	SELGGKFEDVILALMTPLPQFYAK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M15(Oxidation)	51	6.31E-05	3	2683.402	-1.08	Midgut	2R:+:43348623-43348694;2R:+:43348623-43348694;2R:+:43348623-43348694;2R:+:43348623-43348694	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_18738	DLISDLKSELGGK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	75	3.37E-07	1	1374.747	-0.14	Midgut	2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_23283	TIAEFYEQMYNVSLESDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M9(Oxidation)	117	3.09E-11	1	2280.078	1.56	Head	2R:+:43348782-43348838;2R:+:43348782-43348838;2R:+:43348782-43348838;2R:+:43348782-43348838	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_26456	DLISDLKSELGGK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	88	1.53E-08	1	1374.751	2.34	Pupa	2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_27324	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	130	1.20E-12	1	2234.155	4.41	Malpighian tubule	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_28776	TIAEFYEQMYNVSLESDLKGDTSGAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	165	4.31E-16	1	3043.432	2.51	Malpighian tubule	2R:+:43348782-43348862;2R:+:43348782-43348862;2R:+:43348782-43348862;2R:+:43348782-43348862	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_34764	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	122	8.84E-12	1	2078.043	-0.55	Ovary	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_35113	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	143	5.24E-14	1	2234.147	0.89	Head	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_35650	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	52	5.25E-05	1	919.526	1.38	Head	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_37060	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	124	6.53E-12	1	2078.051	3.1	Pupa	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_42617	TSFGKDLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	42	0.000515767	1	1323.714	-0.95	Pupa	2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_44143	ELHDAISGIGTDEEAIIEILCTLSNYGIR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C21(Carbamidomethyl)	77	2.33E-07	1	3202.591	-0.93	Midgut	2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_44321	DLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	38	0.003038635	1	803.452	1.4	Malpighian tubule	2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_46154	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	59	1.17E-05	1	919.527	2.23	Malpighian tubule	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_47456	SSSQYYPFQCTPTVYPADPFDANEDAGTLR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	N-Term(Acetyl),C10(Carbamidomethyl)	62	4.19E-06	1	3439.516	2.81	Ovary	2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487	exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PB
JHU_Ag_48095	FEDVILALMTPLPQFYAK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	67	2.23E-06	1	2096.109	-2.19	Midgut	2R:+:43348641-43348694;2R:+:43348641-43348694;2R:+:43348641-43348694;2R:+:43348641-43348694	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_49342	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	129	1.30E-12	1	2234.160	6.47	Ovary	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_49662	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	53	2.25E-05	1	884.556	-0.4	Ovary	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_49995	FEDVILALMTPLPQFYAK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M9(Oxidation)	57	2.09E-05	1	2112.112	1.62	Male reproductive organs	2R:+:43348641-43348694;2R:+:43348641-43348694;2R:+:43348641-43348694;2R:+:43348641-43348694	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_50894	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	56	2.49E-05	1	919.524	-0.49	Midgut	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_51079	ELHDAISGIGTDEEAIIEILCTLSNYGIR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C21(Carbamidomethyl)	78	1.66E-07	1	3202.600	1.93	Head	2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_53565	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	66	9.53E-07	1	884.557	0.5	Male reproductive organs	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_54075	RGIVQR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	29	0.003502133	1	728.453	0.59	Head	2R:+:43348545-43348562;2R:+:43348545-43348562;2R:+:43348545-43348562;2R:+:43348545-43348562	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_55010	LCVSLVQGNR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C2(Carbamidomethyl)	51	0.000116507	2	1145.609	-0.37	Ovary	2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_55524	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	122	8.81E-12	1	2078.049	2.51	Head	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_56782	DLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	50	0.000178264	1	803.451	-0.11	Midgut	2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_58853	GFGTDEKAIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	122	5.50E-12	1	1618.887	4.11	Malpighian tubule	2R:+:43348500-43348544;2R:+:43348500-43348544;2R:+:43348500-43348544;2R:+:43348500-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_62156	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	63	4.35E-06	1	919.526	1.7	Visceras	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_65323	DLISDLKSELGGK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	78	1.71E-07	1	1374.752	3.41	Male reproductive organs	2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_68553	TSFGKDLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	52	4.94E-05	2	1323.716	0.63	Male reproductive organs	2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_69341	AVFDIYESLAGHSIEDAIKR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	104	5.26E-10	1	2234.146	0.31	Salivary gland	2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177;2R:+:43349118-43349177	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_69532	TSFGKDLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	54	3.03E-05	1	1323.718	1.92	Salivary gland	2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_73127	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	53	2.24E-05	2	884.559	2.91	Malpighian tubule	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_73454	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	62	2.72E-06	1	884.559	2.5	Larva	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_74416	LCVSLVQGNR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C2(Carbamidomethyl)	60	1.36E-05	2	1145.612	2.4	Malpighian tubule	2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_77256	ELHDAISGIGTDEEAIIEILCTLSNYGIR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C21(Carbamidomethyl)	97	2.20E-09	1	3202.595	0.44	Ovary	2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_77882	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	69	1.16E-06	1	919.527	1.96	Salivary gland	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_78754	DLISDLKSELGGK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	63	5.51E-06	1	1374.750	2.07	Salivary gland	2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640;2R:+:43348602-43348640	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_78872	DLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	42	0.001195855	1	803.452	0.88	Pupa	2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_79085	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	42	0.000265002	2	884.557	1.05	Visceras	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_82305	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	44	0.000316862	1	919.529	4.04	Larva	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_84395	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	58	1.26E-05	1	919.526	1.1	Ovary	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_88030	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	69	1.92E-06	1	2078.048	1.94	Visceras	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_88153	TIAEFYEQMYNVSLESDLKGDTSGAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M9(Oxidation)	85	4.42E-08	1	3059.425	1.86	Pupa	2R:+:43348782-43348862;2R:+:43348782-43348862;2R:+:43348782-43348862;2R:+:43348782-43348862	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_88790	TIAEFYEQMYNVSLESDLKGDTSGAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M9(Oxidation)	108	2.05E-10	1	3059.426	2.1	Male reproductive organs	2R:+:43348782-43348862;2R:+:43348782-43348862;2R:+:43348782-43348862;2R:+:43348782-43348862	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_88888	DLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	35	0.005285237	1	803.451	0.58	Head	2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622;2R:+:43348602-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_94085	SLESWIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	39	0.001493516	2	862.466	-0.53	Head	2R:+:43349448-43349468;2R:+:43349448-43349468;2R:+:43349448-43349468;2R:+:43349448-43349468	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_94264	LCVSLVQGNR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C2(Carbamidomethyl)	46	0.000337534	1	1145.609	-0.63	Head	2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895;2R:+:43348866-43348895	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_94433	AVFDIYESLAGHSIEDAIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	77	2.51E-07	2	2078.059	7.21	Salivary gland	2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174;2R:+:43349118-43349174	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_94959	FEDVILALMTPLPQFYAK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M9(Oxidation)	110	1.07E-10	1	2112.110	0.7	Ovary	2R:+:43348641-43348694;2R:+:43348641-43348694;2R:+:43348641-43348694;2R:+:43348641-43348694	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_99665	ELHDAISGIGTDEEAIIEILCTLSNYGIR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	C21(Carbamidomethyl)	43	0.000611761	3	3202.599	1.7	Pupa	2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781;2R:+:43348695-43348781	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_99951	TSFGKDLISDLK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	68	1.31E-06	2	1323.718	2.01	Head	2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622;2R:+:43348587-43348622	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_101293	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	51	3.44E-05	2	884.556	-0.33	Midgut	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_107372	SLESWIK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	39	0.001521283	1	862.467	-0.1	Ovary	2R:+:43349448-43349468;2R:+:43349448-43349468;2R:+:43349448-43349468;2R:+:43349448-43349468	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_107456	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	64	3.38E-06	1	919.523	-1.55	Male reproductive organs	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_108310	AIIEVLAR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	62	2.71E-06	1	884.556	-0.12	Pupa	2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544;2R:+:43348521-43348544	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB

JHU_Ag_108849	SSSQYYPFQCTPTVYPADPFDANEDAGTLR	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	N-Term(Acetyl), C10(Carbamidomethyl)	41	0.000391354	1	3439.503	-0.81	Salivary gland	2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487;2R:+:43345313-43345339,43348425-43348487	exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP003790-PB
JHU_Ag_109869	GIVQRLEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	58	4.71E-06	1	1472.861	1.67	Malpighian tubule	2R:+:43348548-43348586;2R:+:43348548-43348586;2R:+:43348548-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_112716	LEIAQAFK	AGAP003790-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	69	1.25E-06	1	919.523	-1.42	Pupa	2R:+:43348563-43348586;2R:+:43348563-43348586;2R:+:43348563-43348586	exon=> In CDS Exon 2 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP003790-PC;exon=> In CDS Exon 2 of transcript AGAP003790-PD;exon=> In CDS Exon 2 of transcript AGAP003790-PB
JHU_Ag_720	VQYFAK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	32	0.003522693	2	755.409	-0.15	Midgut	2R:+:43349307-43349324;UNKN:+:40397805-40397822;2R:+:43349307-43349324;2R:+:43349307-43349324;2R:+:43349307-43349324	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_856	SKVQYFAK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	42	0.000488483	1	970.535	-0.67	Salivary gland	2R:+:43349301-43349324;UNKN:+:40397799-40397822;2R:+:43349301-43349324;2R:+:43349301-43349324;2R:+:43349301-43349324	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_4684	REFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	49	0.000157102	2	1369.678	2.67	Ovary	2R:+:43349175-43349210;UNKN:+:40397671-40397706;2R:+:43349175-43349210;2R:+:43349175-43349210;2R:+:43349175-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB

JHU_Ag_6469	EAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M6(Oxidation)	33	0.002451059	2	1118.482	-0.54	Midgut	2R:+:43349421-43349447;UNKN:+:40397919-40397945;2R:+:43349421-43349447;2R:+:43349421-43349447;2R:+:43349421-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_12522	RLHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M6(Oxidation)	41	0.00124431	3	1529.753	2.67	Malpighian tubule	2R:+:43349325-43349366;UNKN:+:40397823-40397864;2R:+:43349325-43349366;2R:+:43349325-43349366;2R:+:43349325-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_17713	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	74	3.56E-07	1	1213.573	-0.2	Midgut	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_22091	LHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	69	1.27E-06	2	1357.652	-1.03	Pupa	2R:+:43349328-43349366;UNKN:+:40397826-40397864;2R:+:43349328-43349366;2R:+:43349328-43349366;2R:+:43349328-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_24913	EAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	43	0.000225298	1	1102.488	0.71	Salivary gland	2R:+:43349421-43349447;UNKN:+:40397919-40397945;2R:+:43349421-43349447;2R:+:43349421-43349447;2R:+:43349421-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_29852	SEIDLGDIKEAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M15(Oxidation)	56	4.41E-05	3	2088.980	0.21	Head	2R:+:43349394-43349447;UNKN:+:40397892-40397945;2R:+:43349394-43349447;2R:+:43349394-43349447;2R:+:43349394-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB

JHU_Ag_31143	SEIDLGDIK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	50	0.000240286	1	989.516	0.73	Head	2R:+:43349394-43349420;UNKN:+:40397892-40397918;2R:+:43349394-43349420;2R:+:43349394-43349420;2R:+:43349394-43349420	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_33648	LHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M5(Oxidation)	62	6.43E-06	2	1373.650	1.61	Male reproductive organs	2R:+:43349328-43349366;UNKN:+:40397826-40397864;2R:+:43349328-43349366;2R:+:43349328-43349366;2R:+:43349328-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_34589	SEIDLGDIKEAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M15(Oxidation)	125	4.89E-12	1	2072.981	-1.5	Salivary gland	2R:+:43349394-43349447;UNKN:+:40397892-40397945;2R:+:43349394-43349447;2R:+:43349394-43349447;2R:+:43349394-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_35447	SEIDLGDIK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	39	0.002979768	1	989.515	-0.38	Midgut	2R:+:43349394-43349420;UNKN:+:40397892-40397918;2R:+:43349394-43349420;2R:+:43349394-43349420;2R:+:43349394-43349420	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_48112	SKVQYFAK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	55	2.39E-05	1	970.537	1.34	Malpighian tubule	2R:+:43349301-43349324;UNKN:+:40397799-40397822;2R:+:43349301-43349324;2R:+:43349301-43349324;2R:+:43349301-43349324	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_50857	VQYFAK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	33	0.002731453	2	755.408	-1.04	Pupa	2R:+:43349307-43349324;UNKN:+:40397805-40397822;2R:+:43349307-43349324;2R:+:43349307-43349324;2R:+:43349307-43349324	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB

JHU_Ag_53003	SKVQYFAK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	41	0.000625124	1	970.535	-1.17	Pupa	2R:+:43349301-43349324;UNKN:+:40397799-40397822;2R:+:43349301-43349324;2R:+:43349301-43349324	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_56245	SYQQLR	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	37	0.002721721	1	794.416	0.5	Salivary gland	2R:+:43349100-43349117;UNKN:+:40397596-40397613;2R:+:43349100-43349117;2R:+:43349100-43349117;2R:+:43349100-43349117	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_56339	LHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M5(Oxidation)	87	2.06E-08	1	1373.648	0.46	Ovary	2R:+:43349328-43349366;UNKN:+:40397826-40397864;2R:+:43349328-43349366;2R:+:43349328-43349366;2R:+:43349328-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_61258	REFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	70	1.30E-06	1	1369.674	-0.86	Head	2R:+:43349175-43349210;UNKN:+:40397671-40397706;2R:+:43349175-43349210;2R:+:43349175-43349210;2R:+:43349175-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_61731	SEIDLGDIK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	43	0.001263944	2	989.516	0.6	Ovary	2R:+:43349394-43349420;UNKN:+:40397892-40397918;2R:+:43349394-43349420;2R:+:43349394-43349420;2R:+:43349394-43349420	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_63942	LHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M5(Oxidation)	84	4.18E-08	2	1373.646	-1.68	Head	2R:+:43349328-43349366;UNKN:+:40397826-40397864;2R:+:43349328-43349366;2R:+:43349328-43349366;2R:+:43349328-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB

JHU_Ag_65348	RLHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M6(Oxidation)	88	2.05E-08	2	1529.746	-1.77	Head	2R:+:43349325-43349366;UNKN:+:40397823-40397864;2R:+:43349325-43349366;2R:+:43349325-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_65846	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	39	0.001099014	2	1213.575	1.04	Visceras	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_66307	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	76	2.22E-07	1	1213.571	-2.11	Pupa	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_71283	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	74	3.64E-07	1	1213.576	1.91	Salivary gland	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_73399	EAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M6(Oxidation)	41	0.000392965	1	1118.481	-1.08	Pupa	2R:+:43349421-43349447;UNKN:+:40397919-40397945;2R:+:43349421-43349447;2R:+:43349421-43349447;2R:+:43349421-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_76371	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	74	3.71E-07	1	1213.574	0.1	Male reproductive organs	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB

JHU_Ag_77500	SEIDLGDIKEAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M15(Oxidation)	130	1.68E-12	1	2072.988	1.8	Pupa	2R:+:43349394-43349447;UNKN:+:40397892-40397945;2R:+:43349394-43349447;2R:+:43349394-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_77976	RLHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M6(Oxidation)	45	0.000531017	3	1529.748	-0.45	Midgut	2R:+:43349325-43349366;UNKN:+:40397823-40397864;2R:+:43349325-43349366;2R:+:43349325-43349366;2R:+:43349325-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_79236	LHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M5(Oxidation)	91	7.95E-09	1	1357.654	0.94	Salivary gland	2R:+:43349328-43349366;UNKN:+:40397826-40397864;2R:+:43349328-43349366;2R:+:43349328-43349366;2R:+:43349328-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_81569	SYQQLR	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	34	0.005660354	1	794.416	0.2	Malpighian tubule	2R:+:43349100-43349117;UNKN:+:40397596-40397613;2R:+:43349100-43349117;2R:+:43349100-43349117;2R:+:43349100-43349117	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_83333	EAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	37	0.001013346	2	1102.487	-0.62	Head	2R:+:43349421-43349447;UNKN:+:40397919-40397945;2R:+:43349421-43349447;2R:+:43349421-43349447;2R:+:43349421-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB

JHU_Ag_84998	EFSGAIEEGFKAIVR	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	92	6.23E-09	1	1652.873	5.44	Malpighian tubule	2R:+:43349178-43349217,43349287-43349291;UNKN:+:40397674-40397713,40397785-40397789;2R:+:43349178-43349217,43349287-43349291;2R:+:43349178-43349217,43349287-43349291	exon=> In CDS Exon 3 and 4 of transcript AGAP003790-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012930-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003790-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP003790-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP003790-PB
JHU_Ag_85026	EAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M6(Oxidation)	37	0.001019421	2	1118.483	0.34	Ovary	2R:+:43349421-43349447;UNKN:+:40397919-40397945;2R:+:43349421-43349447;2R:+:43349421-43349447;2R:+:43349421-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_85333	REFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	47	0.000235706	2	1369.681	4.54	Midgut	2R:+:43349175-43349210;UNKN:+:40397671-40397706;2R:+:43349175-43349210;2R:+:43349175-43349210;2R:+:43349175-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_85338	SEIDLGDIK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	52	0.000134192	1	989.516	0.55	Pupa	2R:+:43349394-43349420;UNKN:+:40397892-40397918;2R:+:43349394-43349420;2R:+:43349394-43349420;2R:+:43349394-43349420	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_86768	SEIDLGDIK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	52	0.000139728	2	989.516	0.84	Malpighian tubule	2R:+:43349394-43349420;UNKN:+:40397892-40397918;2R:+:43349394-43349420;2R:+:43349394-43349420;2R:+:43349394-43349420	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB

JHU_Ag_87358	RLHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M6(Oxidation)	41	0.00130112	2	1529.750	0.62	Male reproductive organs	2R:+:43349325-43349366;UNKN:+:40397823-40397864;2R:+:43349325-43349366;2R:+:43349325-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_90928	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	66	2.34E-06	1	1213.576	1.95	Malpighian tubule	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_93070	SEIDLGDIKEAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	43	0.000817493	1	2072.987	1.23	Visceras	2R:+:43349394-43349447;UNKN:+:40397892-40397945;2R:+:43349394-43349447;2R:+:43349394-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_96238	SEIDLGDIKEAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M15(Oxidation)	129	2.15E-12	1	2072.989	2.03	Malpighian tubule	2R:+:43349394-43349447;UNKN:+:40397892-40397945;2R:+:43349394-43349447;2R:+:43349394-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_97629	LHNSMAGLGTNDKTLIR	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M5(Oxidation)	90	1.27E-08	1	1856.968	1.49	Malpighian tubule	2R:+:43349328-43349378;UNKN:+:40397826-40397876;2R:+:43349328-43349378;2R:+:43349328-43349378	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_97697	SEIDLGDIK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	55	6.64E-05	1	989.517	1.83	Salivary gland	2R:+:43349394-43349420;UNKN:+:40397892-40397918;2R:+:43349394-43349420;2R:+:43349394-43349420	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB

JHU_Ag_105120	SEIDLGDIKEAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M15(Oxidation)	136	4.22E-13	1	2072.982	-1.15	Midgut	2R:+:43349394-43349447;UNKN:+:40397892-40397945;2R:+:43349394-43349447;2R:+:43349394-43349447;2R:+:43349394-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_105855	LHNSMAGLGTNDK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M5(Oxidation)	75	3.38E-07	2	1373.646	-1.05	Midgut	2R:+:43349328-43349366;UNKN:+:40397826-40397864;2R:+:43349328-43349366;2R:+:43349328-43349366;2R:+:43349328-43349366	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_106767	SEIDLGDIKEAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	M15(Oxidation)	127	3.31E-12	1	2088.977	-1.16	Male reproductive organs	2R:+:43349394-43349447;UNKN:+:40397892-40397945;2R:+:43349394-43349447;2R:+:43349394-43349447;2R:+:43349394-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_111948	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	37	0.001807188	2	1213.572	-1.27	Ovary	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_112207	EFSGAIEEGFK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	77	1.96E-07	1	1213.571	-2.42	Head	2R:+:43349178-43349210;UNKN:+:40397674-40397706;2R:+:43349178-43349210;2R:+:43349178-43349210;2R:+:43349178-43349210	exon=> In CDS Exon 3 of transcript AGAP003790-PA;exon=> In CDS Exon 1 of transcript AGAP012930-PA;exon=> In CDS Exon 3 of transcript AGAP003790-PC;exon=> In CDS Exon 3 of transcript AGAP003790-PD;exon=> In CDS Exon 3 of transcript AGAP003790-PB
JHU_Ag_113730	SEIDLGDIK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	54	8.32E-05	1	989.514	-0.7	Male reproductive organs	2R:+:43349394-43349420;UNKN:+:40397892-40397918;2R:+:43349394-43349420;2R:+:43349394-43349420;2R:+:43349394-43349420	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB

JHU_Ag_114811	EAFQEMYGK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	36	0.001317473	1	1102.489	1.16	Malpighian tubule	2R:+:43349421-43349447;UNKN:+:40397919-40397945;2R:+:43349421-43349447;2R:+:43349421-43349447;2R:+:43349421-43349447	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_115871	SKVQYFAK	AGAP003790-PA,AGAP012930-PA,AGAP003790-PC,AGAP003790-PD,AGAP003790-PB	-	40	0.000735951	1	970.535	-0.54	Male reproductive organs	2R:+:43349301-43349324;UNKN:+:40397799-40397822;2R:+:43349301-43349324;2R:+:43349301-43349324;2R:+:43349301-43349324	exon=> In CDS Exon 4 of transcript AGAP003790-PA;exon=> In CDS Exon 2 of transcript AGAP012930-PA;exon=> In CDS Exon 4 of transcript AGAP003790-PC;exon=> In CDS Exon 4 of transcript AGAP003790-PD;exon=> In CDS Exon 4 of transcript AGAP003790-PB
JHU_Ag_12088	SLESWIKDDLSGDYR	AGAP003790-PC	-	52	9.09E-05	1	1783.852	1.49	Pupa	2R:+:43349448-43349468,43353249-43353272	exon=> In CDS Exon 4 and 5 of transcript AGAP003790-PC
JHU_Ag_29406	SLESWIKDDLSGDYR	AGAP003790-PC	-	71	1.15E-06	1	1783.852	1.09	Head	2R:+:43349448-43349468,43353249-43353272	exon=> In CDS Exon 4 and 5 of transcript AGAP003790-PC
JHU_Ag_34360	SLESWIKDDLSGDYR	AGAP003790-PC	-	60	1.38E-05	1	1783.841	-5.21	Male reproductive organs	2R:+:43349448-43349468,43353249-43353272	exon=> In CDS Exon 4 and 5 of transcript AGAP003790-PC
JHU_Ag_35632	DVLVTLTSY	AGAP003790-PC	-	35	0.003173418	1	1010.541	0.59	Head	2R:+:43353273-43353299	exon=> In CDS Exon 5 of transcript AGAP003790-PC
JHU_Ag_12872	ALLAISGYR	AGAP003790-PD	-	52	4.09E-05	2	963.563	1.28	Male reproductive organs	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_22582	ALLAISGYR	AGAP003790-PD	-	47	0.000121103	2	963.564	1.34	Visceras	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_29610	ALLAISGYR	AGAP003790-PD	-	47	0.000126519	2	963.565	2.67	Malpighian tubule	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_30387	ALLAISGYR	AGAP003790-PD	-	47	0.000129645	2	963.562	-0.05	Pupa	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_76427	ALLAISGYR	AGAP003790-PD	-	45	0.000195133	2	963.559	-3.35	Head	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_76898	ALLAISGYR	AGAP003790-PD	-	42	0.000392786	2	963.563	1.22	Salivary gland	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_82966	RALLAISGYR	AGAP003790-PD	-	46	9.71E-05	2	1119.664	0.9	Head	2R:+:43350381-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_93180	ALLAISGYR	AGAP003790-PD	-	52	3.93E-05	2	963.562	-0.37	Midgut	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_102649	ALLAISGYR	AGAP003790-PD	-	49	7.94E-05	1	963.562	-0.12	Ovary	2R:+:43350384-43350410	exon=> In CDS Exon 5 of transcript AGAP003790-PD
JHU_Ag_2823	GTLDVMPYLATTAK	AGAP003792-PA	M6(Oxidation)	72	9.54E-07	2	1496.767	0.21	Midgut	2R:-:43356013-43355972	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_5544	GTLDVMPYLATTAK	AGAP003792-PA	M6(Oxidation)	49	0.000153862	1	1496.773	4.62	Larva	2R:-:43356013-43355972	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_7009	NLPVHPLSALPTHVVTFDVLEPQLK	AGAP003792-PA	-	96	5.09E-10	1	2764.541	0.52	Midgut	2R:-:43355776-43355702	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_15376	NLPVHPLSALPTHVVTFDVLEPQLK	AGAP003792-PA	-	106	6.06E-11	1	2764.538	-0.54	Ovary	2R:-:43355776-43355702	exon=> In CDS Exon 3 of transcript AGAP003792-PA

JHU_Ag_19938	GTLDVMPYLATTAK	AGAP003792-PA	M6(Oxidation)	50	0.000151544	1	1496.769	1.35	Male reproductive organs	2R:-:43356013-43355972	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_19981	DYRDEFNNPAK	AGAP003792-PA	-	48	0.000208404	1	1368.619	0.84	Male reproductive organs	2R:-:43355971-43355939	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_23351	KNLPVHPLSALPTHVVTFDVLEPQLK	AGAP003792-PA	-	63	6.18E-07	1	2892.635	0.07	Midgut	2R:-:43355779-43355702	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_32548	SYLYPATFAGLYK	AGAP003792-PA	-	58	2.49E-05	2	1493.770	1.38	Ovary	2R:-:43356977-43356939	exon=> In CDS Exon 2 of transcript AGAP003792-PA
JHU_Ag_43616	NLPVHPLSALPTHVVTFDVLEPQLK	AGAP003792-PA	-	123	1.15E-12	1	2764.541	0.45	Head	2R:-:43355776-43355702	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_49138	SYLYPATFAGLYK	AGAP003792-PA	-	43	0.000780571	2	1493.765	-1.4	Salivary gland	2R:-:43356977-43356939	exon=> In CDS Exon 2 of transcript AGAP003792-PA
JHU_Ag_53084	VSFFHTDYPTER	AGAP003792-PA	-	77	1.99E-07	1	1498.693	-1.92	Pupa	2R:-:43355674-43355639	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_61575	DFLSIYQEK	AGAP003792-PA	-	41	0.000945 98	2	1142.575	2.09	Pupa	2R:-:43355701-43355675	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_66334	VSFFHTDYPTER	AGAP003792-PA	-	74	4.66E-07	1	1498.692	-2.49	Male reproductive organs	2R:-:43355674-43355639	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_76047	DFLSIYQEK	AGAP003792-PA	-	49	0.000141977	1	1142.574	0.77	Midgut	2R:-:43355701-43355675	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_76096	SYLYPATFAGLYK	AGAP003792-PA	-	52	9.36E-05	2	1493.765	-1.48	Midgut	2R:-:43356977-43356939	exon=> In CDS Exon 2 of transcript AGAP003792-PA
JHU_Ag_79793	NLPVHPLSALPTHVVTFDVLEPQLK	AGAP003792-PA	-	64	9.76E-07	1	2764.541	0.52	Pupa	2R:-:43355776-43355702	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_91258	VSFFHTDYPTER	AGAP003792-PA	-	81	8.27E-08	1	1498.691	-3.55	Midgut	2R:-:43355674-43355639	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_94969	VSFFHTDYPTER	AGAP003792-PA	-	34	0.004638662	1	1498.700	2.48	Larva	2R:-:43355674-43355639	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_100532	STHPTWELLLK	AGAP003792-PA	-	37	0.001499041	2	1324.727	0.64	Midgut	2R:-:43356599-43356567	exon=> In CDS Exon 2 of transcript AGAP003792-PA
JHU_Ag_104252	DYRDEFNNPAK	AGAP003792-PA	-	50	0.000105719	1	1368.617	-0.59	Midgut	2R:-:43355971-43355939	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_108513	VSFFHTDYPTER	AGAP003792-PA	-	65	3.61E-06	1	1498.700	2.23	Salivary gland	2R:-:43355674-43355639	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_109108	NLPVHPLSALPTHVVTFDVLEPQLK	AGAP003792-PA	-	97	3.09E-10	1	2764.560	7.41	Malpighian tubule	2R:-:43355776-43355702	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_112711	NLPVHPLSALPTHVVTFDVLEPQLK	AGAP003792-PA	-	71	1.63E-07	1	2764.545	1.85	Salivary gland	2R:-:43355776-43355702	exon=> In CDS Exon 3 of transcript AGAP003792-PA
JHU_Ag_116431	LLALVGLDSAELLTLLPR	AGAP003792-PA	-	85	8.24E-10	1	1907.160	1.25	Ovary	2R:-:43356938-43356885	exon=> In CDS Exon 2 of transcript AGAP003792-PA
JHU_Ag_73958	YDVSTELFLEGK	AGAP003793-PA	-	38	0.002071824	2	1400.674	-14.6	Larva	2R:+:43359390-43359407,43359481-43359498	exon=> In CDS Exon 1 and 2 of transcript AGAP003793-PA
JHU_Ag_1812	DYDHGQNRPTR	AGAP003794-PA	-	32	0.004308468	1	1358.615	-3.42	Head	2R:-:43372151-43372119	exon=> In CDS Exon 5 of transcript AGAP003794-PA
JHU_Ag_53652	NNNDDFQNKR	AGAP003794-PA	-	48	0.000162793	2	1264.570	3.11	Malpighian tubule	2R:-:43371983-43371954	exon=> In CDS Exon 5 of transcript AGAP003794-PA
JHU_Ag_4963	YEQETELLR	AGAP003794-PA,AGAP003794-PB	-	48	0.000246675	2	1180.585	0.34	Visceras	2R:-:43383627-43383601;2R:-:43383627-43383601	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_8717	YCTEKCYFLTASLRPVIVEPYTYQDDNDGLPEK	AGAP003794-PA,AGAP003794-PB	C2(Carbamidomethyl), C6(Carbamidomethyl)	40	0.000808766	1	3984.902	8.62	Malpighian tubule	2R:-:43383924-43383826;2R:-:43383924-43383826	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB

JHU_Ag_12956	VDYLSNAEAAK	AGAP003794-PA,AGAP003794-PB	-	50	0.000171922	2	1180.589	3.95	Malpighian tubule	2R:-:43384197-43384165;2R:-:43384197-43384165	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_12980	SDEELHR	AGAP003794-PA,AGAP003794-PB	-	43	0.000293665	1	885.406	-0.35	Salivary gland	2R:-:43383359-43383339;2R:-:43383359-43383339	exon=> In CDS Exon 3 of transcript AGAP003794-PA;exon=> In CDS Exon 3 of transcript AGAP003794-PB
JHU_Ag_16268	LYVGNLTNDVTEEELVDMFK	AGAP003794-PA,AGAP003794-PB	M18(Oxidation)	85	4.74E-08	2	2345.132	4.18	Head	2R:-:43384317-43384258;2R:-:43384317-43384258	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_16537	AVVQVDER	AGAP003794-PA,AGAP003794-PB	-	54	6.44E-05	1	915.489	-0.25	Head	2R:-:43384014-43383991;2R:-:43384014-43383991	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_22284	LYVGNLTNDVTEEELVDMFK	AGAP003794-PA,AGAP003794-PB	M18(Oxidation)	116	3.85E-11	1	2345.131	3.87	Ovary	2R:-:43384317-43384258;2R:-:43384317-43384258	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_22942	CYFLTASLRPVIVEPYTYQDDNDGLPEK	AGAP003794-PA,AGAP003794-PB	C1(Carbamidomethyl)	103	6.65E-10	1	3303.584	-1.06	Head	2R:-:43383909-43383826;2R:-:43383909-43383826	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_24730	AFEVFGPLER	AGAP003794-PA,AGAP003794-PB	-	35	0.004699258	1	1164.609	3.3	Pupa	2R:-:43384044-43384015;2R:-:43384044-43384015	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_25492	QLAGPLFEIPPIEAQDVK	AGAP003794-PA,AGAP003794-PB	-	82	3.83E-08	1	1965.076	3.23	Head	2R:-:43384389-43384336;2R:-:43384389-43384336	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_26510	VDYLSNAEAAKR	AGAP003794-PA,AGAP003794-PB	-	78	2.59E-07	2	1336.691	3.73	Malpighian tubule	2R:-:43384197-43384162;2R:-:43384197-43384162	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_34640	NLTPYVTNELLYK	AGAP003794-PA,AGAP003794-PB	-	35	0.002398042	2	1567.842	3.69	Pupa	2R:-:43384083-43384045;2R:-:43384083-43384045	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_37354	RSDEELHR	AGAP003794-PA,AGAP003794-PB	-	37	0.002089318	2	1041.504	-2.69	Head	2R:-:43383362-43383339;2R:-:43383362-43383339	exon=> In CDS Exon 3 of transcript AGAP003794-PA;exon=> In CDS Exon 3 of transcript AGAP003794-PB
JHU_Ag_50425	AFEVFGPLER	AGAP003794-PA,AGAP003794-PB	-	46	0.000384305	2	1164.607	1.93	Head	2R:-:43384044-43384015;2R:-:43384044-43384015	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_53968	QLAGPLFEIPPIEAQDVKFSGR	AGAP003794-PA,AGAP003794-PB	-	87	1.11E-08	1	2412.309	6.87	Malpighian tubule	2R:-:43384389-43384324;2R:-:43384389-43384324	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_56071	FAEHGSFEFEYGQR	AGAP003794-PA,AGAP003794-PB	-	100	7.22E-10	1	1703.747	1.43	Head	2R:-:43383771-43383730;2R:-:43383771-43383730	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB

JHU_Ag_58163	RSDEELHR	AGAP003794-PA,AGAP003794-PB	-	47	0.000193198	2	1041.508	0.59	Ovary	2R:-:43383362-43383339;2R:-:43383362-43383339	exon=> In CDS Exon 3 of transcript AGAP003794-PA;exon=> In CDS Exon 3 of transcript AGAP003794-PB
JHU_Ag_61644	YEQETELLREQLR	AGAP003794-PA,AGAP003794-PB	-	41	0.001139532	1	1706.875	2.49	Malpighian tubule	2R:-:43383627-43384415,43383309-43383492;2R:-:43383627-43384415,43383309-43383492	exon=> In CDS Exon 3 and 2 of transcript AGAP003794-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003794-PB
JHU_Ag_62381	VKNLTPYVTNELLYK	AGAP003794-PA,AGAP003794-PB	-	96	1.21E-09	1	1795.007	3.79	Malpighian tubule	2R:-:43384089-43384045;2R:-:43384089-43384045	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_65040	AFEVFGPLER	AGAP003794-PA,AGAP003794-PB	-	55	5.59E-05	2	1164.610	4.34	Malpighian tubule	2R:-:43384044-43384015;2R:-:43384044-43384015	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_66409	QLAGPLFEIPPIEAQDVK	AGAP003794-PA,AGAP003794-PB	-	70	6.45E-07	1	1965.074	2.55	Visceras	2R:-:43384389-43384336;2R:-:43384389-43384336	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_66488	AVVQVDER	AGAP003794-PA,AGAP003794-PB	-	37	0.003285105	1	915.493	3.75	Larva	2R:-:43384014-43383991;2R:-:43384014-43383991	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_66843	HMHELFK	AGAP003794-PA,AGAP003794-PB	M2(Oxidation)	33	0.004224872	2	957.457	-4.17	Head	2R:-:43383723-43383703;2R:-:43383723-43383703	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_73006	QLAGPLFEIPPIEAQDVK	AGAP003794-PA,AGAP003794-PB	-	67	9.78E-07	1	1965.080	5.72	Ovary	2R:-:43384389-43384336;2R:-:43384389-43384336	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_73495	FAPNATAIR	AGAP003794-PA,AGAP003794-PB	-	48	0.000258608	2	960.529	3.03	Malpighian tubule	2R:-:43384116-43384090;2R:-:43384116-43384090	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_75340	AVVQVDER	AGAP003794-PA,AGAP003794-PB	-	59	2.40E-05	1	915.492	3.09	Malpighian tubule	2R:-:43384014-43383991;2R:-:43384014-43383991	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_77660	AFEVFGPLER	AGAP003794-PA,AGAP003794-PB	-	49	0.000198228	2	1164.606	1.41	Visceras	2R:-:43384044-43384015;2R:-:43384044-43384015	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_80641	QLAGPLFEIPPIEAQDVK	AGAP003794-PA,AGAP003794-PB	-	36	0.001319461	1	1965.079	4.85	Malpighian tubule	2R:-:43384389-43384336;2R:-:43384389-43384336	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_81624	GKPTGEGIVEFK	AGAP003794-PA,AGAP003794-PB	-	60	1.38E-05	1	1261.679	0.3	Head	2R:-:43383990-43383955;2R:-:43383990-43383955	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB

JHU_Ag_85095	YEQETELLR	AGAP003794-PA,AGAP003794-PB	-	49	0.000198238	2	1180.583	-1	Head	2R:-:43383627-43383601;2R:-:43383627-43383601	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_89485	LYVGNLTNDVTEEELVDMFK	AGAP003794-PA,AGAP003794-PB	-	131	1.25E-12	1	2329.122	-2.06	Salivary gland	2R:-:43384317-43384258;2R:-:43384317-43384258	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_90270	AFEVFGPLER	AGAP003794-PA,AGAP003794-PB	-	43	0.000784287	2	1164.610	4.45	Ovary	2R:-:43384044-43384015;2R:-:43384044-43384015	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_94451	LEAQMEYAR	AGAP003794-PA,AGAP003794-PB	M5(Oxidation)	48	0.000158137	2	1126.519	-0.83	Head	2R:-:43383654-43383628;2R:-:43383654-43383628	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_99623	YEQETELLR	AGAP003794-PA,AGAP003794-PB	-	48	0.000282954	2	1180.586	1.17	Salivary gland	2R:-:43383627-43383601;2R:-:43383627-43383601	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_102731	QNDFLK	AGAP003794-PA,AGAP003794-PB	-	40	0.001553589	2	764.396	2.75	Malpighian tubule	2R:-:43383810-43383793;2R:-:43383810-43383793	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_103272	NLTPYVTNELLYK	AGAP003794-PA,AGAP003794-PB	-	64	3.32E-06	2	1567.844	4.7	Head	2R:-:43384083-43384045;2R:-:43384083-43384045	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_112894	GKPTGEGIVEFK	AGAP003794-PA,AGAP003794-PB	-	49	0.000185717	2	1261.683	3.39	Malpighian tubule	2R:-:43383990-43383955;2R:-:43383990-43383955	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_114673	YEQETELLR	AGAP003794-PA,AGAP003794-PB	-	50	0.000145203	2	1180.588	3.34	Ovary	2R:-:43383627-43383601;2R:-:43383627-43383601	exon=> In CDS Exon 2 of transcript AGAP003794-PA;exon=> In CDS Exon 2 of transcript AGAP003794-PB
JHU_Ag_3836	YQLQKGGDQR	AGAP003803-PA	Q2(Deamidated), Q4(Deamidated)	39	0.001896059	2	1194.574	-0.7	Pupa	2R:+:43471281-43471310	exon=> In CDS Exon 4 of transcript AGAP003803-PA
JHU_Ag_8700	LKELLEQINEQR	AGAP003803-PA	Q7(Deamidated), N9(Deamidated), Q11(Deamidated)	33	0.008672106	1	1515.769	-13.65	Head	2R:+:43470387-43470422	exon=> In CDS Exon 4 of transcript AGAP003803-PA
JHU_Ag_112802	YQLQKGGDQR	AGAP003803-PA	Q2(Deamidated), Q4(Deamidated)	39	0.001726254	2	1194.579	3.28	Larva	2R:+:43471281-43471310	exon=> In CDS Exon 4 of transcript AGAP003803-PA
JHU_Ag_98932	VLHFDCVLDER	AGAP003805-PA	C6(Carbamidomethyl)	35	0.004089558	1	1402.676	-1.58	Male reproductive organs	2R:-:43479362-43480103,43478885-43479045	exon=> In CDS Exon 2 and 1 of transcript AGAP003805-PA
JHU_Ag_34333	LEVPSYLGLGTPEDSLASYHSLVPK	AGAP003805-PB,AGAP003805-PA	-	81	8.26E-08	1	2672.383	0.39	Male reproductive organs	2R:-:43478576-43478502;2R:-:43478576-43478502	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA
JHU_Ag_37286	KFLLLDCDGFTR	AGAP003805-PB,AGAP003805-PA	C7(Carbamidomethyl)	70	1.23E-06	1	1484.757	0.27	Male reproductive organs	2R:-:43478690-43478655;2R:-:43478690-43478655	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA

JHU_Ag_54545	DVITYLVNVNK	AGAP003805-PB,AGAP003805-PA	-	50	7.40E-05	2	1277.714	3.43	Male reproductive organs	2R:-:43478489-43478457;2R:-:43478489-43478457	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA
JHU_Ag_70646	FLLLDCDGFTR	AGAP003805-PB,AGAP003805-PA	C6(Carbamidomethyl)	75	3.83E-07	1	1356.665	2.66	Male reproductive organs	2R:-:43478687-43478655;2R:-:43478687-43478655	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA
JHU_Ag_70923	KDVITYLVNVNK	AGAP003805-PB,AGAP003805-PA	-	98	6.41E-10	1	1405.808	2.42	Male reproductive organs	2R:-:43478492-43478457;2R:-:43478492-43478457	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA
JHU_Ag_82266	AYHTNEPDELAIQAYNVPEDPTSSR	AGAP003805-PB,AGAP003805-PA	-	64	5.48E-06	1	2817.298	0.69	Male reproductive organs	2R:-:43477832-43477758;2R:-:43477832-43477758	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA
JHU_Ag_93194	YMQAYPEIFSPIAIDSVR	AGAP003805-PB,AGAP003805-PA	M2(Oxidation)	68	2.22E-06	1	2116.041	-0.46	Male reproductive organs	2R:-:43478168-43478115;2R:-:43478168-43478115	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA
JHU_Ag_100414	LAGFQIGDSNGASPAPIASPR	AGAP003805-PB,AGAP003805-PA	N10(Deamidated)	123	6.42E-12	1	2027.029	4.63	Male reproductive organs	2R:-:43477997-43477935;2R:-:43477997-43477935	exon=> In CDS Exon 3 of transcript AGAP003805-PB;exon=> In CDS Exon 3 of transcript AGAP003805-PA
JHU_Ag_70176	AAYNLTSATDAAK	AGAP003806-PA	-	51	0.000123363	2	1296.648	3.7	Malpighian tubule	2R:+:43482854-43482892	exon=> In CDS Exon 4 of transcript AGAP003806-PA
JHU_Ag_92853	ISPSLIDIAPEVRDALR	AGAP003806-PA	-	32	0.002366164	1	1865.055	3.29	Malpighian tubule	2R:+:43480793-43480797,43480938-43480983	exon=> In CDS Exon 1 and 2 of transcript AGAP003806-PA
JHU_Ag_98573	SGIVIGVPIPER	AGAP003806-PA	-	37	0.000456259	2	1236.725	-4.63	Male reproductive organs	2R:+:43482926-43482961	exon=> In CDS Exon 4 of transcript AGAP003806-PA
JHU_Ag_104718	SGIVIGVPIPER	AGAP003806-PA	-	60	1.95E-06	2	1236.732	0.7	Malpighian tubule	2R:+:43482926-43482961	exon=> In CDS Exon 4 of transcript AGAP003806-PA
JHU_Ag_13628	VPCATEVSDVYER	AGAP003807-PA	C3(Carbamidomethyl)	67	2.40E-06	1	1524.706	3.88	Larva	2R:-:43559872-43559834	exon=> In CDS Exon 2 of transcript AGAP003807-PA
JHU_Ag_74930	IVGGYDATEGQFPHQVSLR	AGAP003807-PA	-	85	5.56E-08	1	2074.043	3.68	Larva	2R:-:43560672-43560616	exon=> In CDS Exon 1 of transcript AGAP003807-PA
JHU_Ag_27502	DFTYPYYQFPK	AGAP003808-PA	-	36	0.003350961	2	1468.681	1.68	Salivary gland	2R:-:43706367-43706335	exon=> In CDS Exon 2 of transcript AGAP003808-PA
JHU_Ag_81440	SSTVEKNEYPK	AGAP003808-PA	N-Term(Acetyl)	42	0.001153904	1	1323.646	2.6	Malpighian tubule	2R:-:43706763-43706731	exon=> In CDS Exon 1 of transcript AGAP003808-PA
JHU_Ag_62143	AVLENFDVLLTK	AGAP003811-PA	-	48	6.30E-05	2	1361.775	5.61	Malpighian tubule	2R:+:43722435-43722470	exon=> In CDS Exon 2 of transcript AGAP003811-PA
JHU_Ag_30667	VSPGLPLAILAWSVTEIIR	AGAP003814-PA	-	42	2.69E-05	2	2035.205	4.85	Larva	2R:+:43727369-43727425	exon=> In CDS Exon 3 of transcript AGAP003814-PA
JHU_Ag_88417	IVPSNPVITTFQVLSR	AGAP003814-PA	-	80	3.00E-08	2	1771.023	6.66	Larva	2R:+:43727276-43727323	exon=> In CDS Exon 3 of transcript AGAP003814-PA
JHU_Ag_108970	VMVVCGVVMATPTGK	AGAP003814-PA	M2(Oxidation), C5(Carbamidomethyl), M9(Oxidation)	133	9.29E-13	1	1580.789	3.09	Larva	2R:+:43727324-43727368	exon=> In CDS Exon 3 of transcript AGAP003814-PA
JHU_Ag_126	LVIIANNTPHLR	AGAP003816-PA	N6(Deamidated)	65	6.11E-07	2	1360.812	4.54	Ovary	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_4204	YFRVCTLSITDAGDSDIIR	AGAP003816-PA	C5(Carbamidomethyl)	39	0.002034054	3	2202.098	5.49	Malpighian tubule	2R:-:43729876-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA

JHU_Ag_7179	TGVHHYNGNNIELGTACGK	AGAP003816-PA	N10(Deamidated), C17(Carbamidomethyl),C17(Carbamidomethyl),"N9(Deamidated), C17(Carbamidomethyl)","N7(Deamidated), C17(Carbamidomethyl)"	117	2.37E-11	1	2041.945	-2.72	Male reproductive organs	2R:-:43729933-43729877	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_13887	VCTLSITDAGDSDIIR	AGAP003816-PA	C2(Carbamidomethyl)	114	6.45E-11	1	1735.855	1	Salivary gland	2R:-:43729867-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_14998	VCTLSITDAGDSDIIR	AGAP003816-PA	C2(Carbamidomethyl)	105	5.14E-10	2	1735.852	-0.69	Midgut	2R:-:43729867-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_15395	LVIIANNTPHLRK	AGAP003816-PA	-	38	0.000147313	1	1488.900	-0.33	Male reproductive organs	2R:-:43730336-43730447,43729787-43729967	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_23044	KALESINSR	AGAP003816-PA	-	41	0.001108702	1	1017.570	1.31	Male reproductive organs	2R:-:43730444-43730418	exon=> In CDS Exon 2 of transcript AGAP003816-PA
JHU_Ag_23056	SLPEAQAGGQ	AGAP003816-PA	-	50	6.50E-05	1	957.464	0.67	Malpighian tubule	2R:-:43729819-43729790	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_24516	SEIEYYAMLAK	AGAP003816-PA	M8(Oxidation)	58	2.16E-05	2	1333.635	0.62	Male reproductive organs	2R:-:43729966-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_27019	KSEIEYYAMLAK	AGAP003816-PA	M9(Oxidation)	79	2.26E-07	1	1461.730	0.48	Male reproductive organs	2R:-:43729969-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_27798	TGVHHYNGNNIELGTACGK	AGAP003816-PA	N10(Deamidated), C17(Carbamidomethyl),C17(Carbamidomethyl),"N9(Deamidated), C17(Carbamidomethyl)","N7(Deamidated), C17(Carbamidomethyl)"	139	1.63E-13	1	2041.945	-3.14	Head	2R:-:43729933-43729877	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_28355	AKLVIIANNTPHLR	AGAP003816-PA	-	68	1.32E-07	1	1559.943	3.09	Malpighian tubule	2R:-:43730342-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_30473	TGVHHYNGNNIELGTACGK	AGAP003816-PA	N10(Deamidated), C17(Carbamidomethyl),C17(Carbamidomethyl),"N9(Deamidated), C17(Carbamidomethyl)","N7(Deamidated), C17(Carbamidomethyl)"	62	7.37E-06	1	2041.948	-1.32	Midgut	2R:-:43729933-43729877	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_31999	SEIEYYAMLAK	AGAP003816-PA	M8(Oxidation)	57	2.86E-05	1	1333.636	1.17	Ovary	2R:-:43729966-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA

JHU_Ag_39664	TGVHHYNGNNIELGTACGK	AGAP003816-PA	C17(Carbamidomethyl),"N7(Deamidated), N10(Deamidated), C17(Carbamidomethyl)","N9(Deamidated), C17(Carbamidomethyl)","N7(Deamidated), C17(Carbamidomethyl)","N9(Deamidated), N10(Deamidated), C17(Carbamidomethyl)","N7(Deamidated), N9(Deamidated), C17(Carbamidomethyl)"	101	9.12E-10	1	2042.944	4.51	Malpighian tubule	2R:-:43729933-43729877	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_40918	KSEIEYYAMLAK	AGAP003816-PA	M9(Oxidation)	100	1.60E-09	1	1445.739	3.3	Malpighian tubule	2R:-:43729969-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_41555	KALESINSR	AGAP003816-PA	-	47	0.000272781	1	1017.569	0.41	Malpighian tubule	2R:-:43730444-43730418	exon=> In CDS Exon 2 of transcript AGAP003816-PA
JHU_Ag_41636	LVIIANNTPHLR	AGAP003816-PA	-	69	2.65E-07	2	1360.812	4.09	Larva	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_43191	ALESINSR	AGAP003816-PA	-	59	2.91E-05	1	889.476	2.12	Ovary	2R:-:43730441-43730418	exon=> In CDS Exon 2 of transcript AGAP003816-PA
JHU_Ag_43396	LVIIANNTPHLR	AGAP003816-PA	-	60	2.18E-06	1	1360.808	1.13	Pupa	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_48619	LVIIANNTPHLR	AGAP003816-PA	-	70	2.42E-07	1	1360.807	0.5	Male reproductive organs	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_48753	ALESINSRLALVMK	AGAP003816-PA	M13(Oxidation)	80	4.90E-08	1	1560.881	2.1	Malpighian tubule	2R:-:43730441-43730400	exon=> In CDS Exon 2 of transcript AGAP003816-PA
JHU_Ag_49877	KSEIEYYAMLAK	AGAP003816-PA	M9(Oxidation)	63	7.58E-06	2	1461.732	1.73	Larva	2R:-:43729969-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_59877	KALESINSR	AGAP003816-PA	-	53	6.46E-05	1	1017.568	-0.97	Ovary	2R:-:43730444-43730418	exon=> In CDS Exon 2 of transcript AGAP003816-PA
JHU_Ag_60193	VCTLSITDAGDSDIIR	AGAP003816-PA	C2(Carbamidomethyl)	126	4.81E-12	1	1735.854	0.43	Head	2R:-:43729867-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_69991	KSEIEYYAMLAK	AGAP003816-PA	M9(Oxidation)	85	4.85E-08	1	1461.727	-1.69	Ovary	2R:-:43729969-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_70046	SCLGYKQTLR	AGAP003816-PA	C2(Carbamidomethyl)	63	6.09E-06	1	1225.637	1.08	Malpighian tubule	2R:-:43730390-43730361	exon=> In CDS Exon 2 of transcript AGAP003816-PA
JHU_Ag_71634	LVIIANNTPHLR	AGAP003816-PA	-	68	3.08E-07	2	1360.808	1.67	Visceras	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_78523	KSEIEYYAMLAK	AGAP003816-PA	M9(Oxidation)	44	0.000609775	1	1461.727	-1.77	Head	2R:-:43729969-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_79775	SLPEAQAGGQ	AGAP003816-PA	-	45	0.00023568	1	957.462	-2.2	Head	2R:-:43729819-43729790	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_80025	SLPEAQAGGQ	AGAP003816-PA	-	43	0.00041606	2	957.463	-0.17	Ovary	2R:-:43729819-43729790	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_83375	VCTLSITDAGDSDIIR	AGAP003816-PA	C2(Carbamidomethyl)	126	4.82E-12	1	1735.856	1.35	Ovary	2R:-:43729867-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_83449	SEIEYYAMLAK	AGAP003816-PA	-	69	2.09E-06	2	1317.641	1.31	Head	2R:-:43729966-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA

JHU_Ag_85797	LVIIANNTPHLR	AGAP003816-PA	-	57	4.52E-06	1	1360.806	-0.11	Salivary gland	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_86284	LVIIANNTPHLR	AGAP003816-PA	-	71	1.40E-07	2	1360.809	2.48	Malpighian tubule	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_86470	SLPEAQAGGQ	AGAP003816-PA	-	38	0.001245484	2	957.464	0.4	Salivary gland	2R:-:43729819-43729790	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_86553	VCTLSITDAGDSDIIR	AGAP003816-PA	C2(Carbamidomethyl)	105	5.34E-10	1	1735.857	2.19	Visceras	2R:-:43729867-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_87550	VCTLSITDAGDSDIIR	AGAP003816-PA	C2(Carbamidomethyl)	126	3.88E-12	1	1735.857	1.98	Malpighian tubule	2R:-:43729867-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_90120	LALVMK	AGAP003816-PA	M5(Oxidation)	31	0.00262463	1	690.420	-2.43	Male reproductive organs	2R:-:43730417-43730400	exon=> In CDS Exon 2 of transcript AGAP003816-PA
JHU_Ag_90843	KSEIEYYAMLAK	AGAP003816-PA	M9(Oxidation)	91	1.10E-08	1	1445.734	-0.33	Midgut	2R:-:43729969-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_97662	KSEIEYYAMLAK	AGAP003816-PA	-	66	3.83E-06	1	1445.736	0.97	Salivary gland	2R:-:43729969-43729934	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_100719	TGVHHYNGNNIELGTACGK	AGAP003816-PA	C17(Carbamidomethyl),"N7(Deamidated), N10(Deamidated), C17(Carbamidomethyl)","N9(Deamidated), C17(Carbamidomethyl)","N7(Deamidated), C17(Carbamidomethyl)","N9(Deamidated), N10(Deamidated), C17(Carbamidomethyl)","N10(Deamidated), C17(Carbamidomethyl)","N7(Deamidated), N9(Deamidated), C17(Carbamidomethyl)"	136	2.81E-13	1	2041.945	-2.96	Ovary	2R:-:43729933-43729877	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_102622	LVIIANNTPHLR	AGAP003816-PA	-	78	3.21E-08	1	1360.806	-0.3	Head	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_103133	TGVHHYNGNNIELGTACGK	AGAP003816-PA	C17(Carbamidomethyl)	79	1.60E-07	1	2041.954	1.46	Visceras	2R:-:43729933-43729877	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_107040	SLPEAQAGGQ	AGAP003816-PA	-	51	6.47E-05	1	957.463	-0.79	Male reproductive organs	2R:-:43729819-43729790	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_111919	VCTLSITDAGDSDIIR	AGAP003816-PA	C2(Carbamidomethyl)	103	7.74E-10	1	1735.859	3.53	Male reproductive organs	2R:-:43729867-43729820	exon=> In CDS Exon 3 of transcript AGAP003816-PA
JHU_Ag_115237	LVIIANNTPHLR	AGAP003816-PA	-	74	8.57E-08	2	1360.806	-0.12	Midgut	2R:-:43730336-43730447,43729787-43729970	exon=> In CDS Exon 3 and 2 of transcript AGAP003816-PA
JHU_Ag_13148	GGSSGGYGGYNNR	AGAP003817-PA	-	41	0.000323198	1	1245.523	-0.98	Ovary	2R:+:43737687-43737708,43737805-43737821	exon=> In CDS Exon 4 and 5 of transcript AGAP003817-PA
JHU_Ag_25733	ENQGGGNYYDGPGK	AGAP003817-PA	-	76	1.52E-07	2	1455.614	0.34	Ovary	2R:+:43737516-43737557	exon=> In CDS Exon 4 of transcript AGAP003817-PA
JHU_Ag_78600	NHGAYQSHDSVR	AGAP003817-PA	-	92	6.58E-09	1	1370.623	2.53	Ovary	2R:+:43735483-43735518	exon=> In CDS Exon 2 of transcript AGAP003817-PA
JHU_Ag_89352	GSDFDNGRDSDGGGIYR	AGAP003817-PA	-	47	9.15E-05	1	1787.763	2.8	Malpighian tubule	2R:+:43738053-43738103	exon=> In CDS Exon 5 of transcript AGAP003817-PA

JHU_Ag_112088	GGSGSNGSGSNIFRNPN	AGAP003817-PA	-	38	0.001642155	2	1621.736	2.99	Malpighian tubule	2R:+:43738390-43738440	exon=> In CDS Exon 6 of transcript AGAP003817-PA
JHU_Ag_26343	IDVLVVGIGDHTITPAFSK	AGAP003819-PA	-	107	7.61E-11	1	1982.095	-0.27	Midgut	2R:+:43755975-43756031	exon=> In CDS Exon 2 of transcript AGAP003819-PA
JHU_Ag_44536	IDVLVVGIGDHTITPAFSK	AGAP003819-PA	-	111	2.92E-11	1	1982.097	0.47	Head	2R:+:43755975-43756031	exon=> In CDS Exon 2 of transcript AGAP003819-PA
JHU_Ag_72750	TALLEDEQDDHDTGDLSK	AGAP003823-PB	-	36	0.003066069	1	2001.899	5.1	Head	2R:+:43793953-43794006	exon=> In CDS Exon 8 of transcript AGAP003823-PB
JHU_Ag_114056	LSDHSYVALVTLNGNLAR	AGAP003823-PB	-	37	0.001810602	1	1943.039	2.3	Ovary	2R:+:43792405-43792411,43792518-43792564	exon=> In CDS Exon 6 and 7 of transcript AGAP003823-PB
JHU_Ag_2140	LAQDLWSELLAR	AGAP003824-PA	-	59	1.52E-05	2	1414.772	2.16	Salivary gland	2R:+:43797355-43797390	exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_3018	GELEAIVGESGTAFGER	AGAP003824-PA	-	69	2.07E-06	2	1721.836	0.98	Salivary gland	2R:+:43798309-43798359	exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_9983	IELIIDDADDVAQFK	AGAP003824-PA	-	91	1.42E-08	2	1704.871	0.95	Salivary gland	2R:+:43797802-43797846	exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_35117	ELIGASIPQLR	AGAP003824-PA	-	49	4.30E-05	2	1196.699	-0.66	Salivary gland	2R:+:43798390-43798422	exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_66708	IPSIVNLIVEK	AGAP003824-PA	-	55	4.14E-06	2	1224.762	4.3	Salivary gland	2R:+:43798252-43798284	exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_81498	SQLQQLIVR	AGAP003824-PA	-	44	0.000240311	2	1084.647	-0.65	Salivary gland	2R:+:43798363-43798389	exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_82290	RSQLQQLIVR	AGAP003824-PA	-	31	0.00324363	1	1240.737	-8.97	Salivary gland	2R:+:43798360-43798389	exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_6240	YVANEQYEAQSPDAAHLK	AGAP003826-PA	-	100	1.62E-09	1	2033.960	1.54	Head	2R:+:43801044-43801097	exon=> In CDS Exon 1 of transcript AGAP003826-PA
JHU_Ag_17048	APLVGPLR	AGAP003826-PA	-	40	0.000142275	2	822.520	1.02	Ovary	2R:+:43800903-43800926	exon=> In CDS Exon 1 of transcript AGAP003826-PA
JHU_Ag_48846	FSHAILLSSCFSHEK	AGAP003826-PA	C10(Carbamidomethyl)	74	6.19E-07	1	1762.859	0.43	Head	2R:+:43800972-43801016	exon=> In CDS Exon 1 of transcript AGAP003826-PA
JHU_Ag_51927	QTFLDELSDFVR	AGAP003826-PA	-	42	0.000780207	1	1469.730	1.87	Ovary	2R:+:43800927-43800962	exon=> In CDS Exon 1 of transcript AGAP003826-PA
JHU_Ag_90130	FSHAILLSSCFSHEK	AGAP003826-PA	C10(Carbamidomethyl)	55	6.07E-05	1	1762.865	4.1	Ovary	2R:+:43800972-43801016	exon=> In CDS Exon 1 of transcript AGAP003826-PA
JHU_Ag_95770	YVANEQYEAQSPDAAHLK	AGAP003826-PA	-	69	1.70E-06	1	2033.956	-0.17	Malpighian tubule	2R:+:43801044-43801097	exon=> In CDS Exon 1 of transcript AGAP003826-PA
JHU_Ag_106190	APLVGPLR	AGAP003826-PA	-	51	7.24E-06	1	822.521	2.14	Male reproductive organs	2R:+:43800903-43800926	exon=> In CDS Exon 1 of transcript AGAP003826-PA
JHU_Ag_88389	QAFADGNYLPSEVLWR	AGAP003833-PA	-	83	7.91E-08	2	1865.921	1.76	Head	2R:+:44223840-44223887	exon=> In CDS Exon 1 of transcript AGAP003833-PA
JHU_Ag_13062	FATSYGYGTSGGR	AGAP003834-PA	-	77	2.11E-07	2	1323.596	-0.61	Head	2R:-:44227036-44226998	exon=> In CDS Exon 3 of transcript AGAP003834-PA
JHU_Ag_95585	LIWDESEHTLEYTLR	AGAP003834-PA	-	79	2.18E-07	2	1904.936	-1.3	Head	2R:-:44226898-44226854	exon=> In CDS Exon 3 of transcript AGAP003834-PA
JHU_Ag_8067	IETFLYSLVDSTDR	AGAP003842-PA	-	77	2.75E-07	2	1658.829	0.92	Ovary	2R:-:44294150-44294109	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_9400	EQNAATALNQNHSSGSATAENK	AGAP003842-PA	-	55	4.10E-05	1	2243.033	2.13	Ovary	2R:-:44293313-44293248	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_40571	TANCLLLLQQIR	AGAP003842-PA	C4(Carbamidomethyl)	75	2.14E-07	1	1442.817	1.19	Ovary	2R:-:44294093-44294058	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_50953	GPTQTLPLVYK	AGAP003842-PA	-	49	9.47E-05	2	1216.694	-0.09	Ovary	2R:-:44294372-44294340	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_56283	LLQQLLHR	AGAP003842-PA	-	27	0.002377832	2	1020.632	0.8	Ovary	2R:-:44294339-44294316	exon=> In CDS Exon 2 of transcript AGAP003842-PA

JHU_Ag_56406	DITPYESEVTLK	AGAP003842-PA	-	54	5.36E-05	2	1394.705	0.35	Ovary	2R:-:44293406-44293371	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_56449	IYDSVQLWCEK	AGAP003842-PA	C9(Carbamidomethyl)	45	0.000504344	2	1440.684	0.57	Ovary	2R:-:44293499-44293467	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_79506	SRIETFLYSLVDSTDR	AGAP003842-PA	-	58	2.31E-05	1	1901.970	5.11	Ovary	2R:-:44294156-44294109	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_98495	ILIHLLPDCPLDLIEEK	AGAP003842-PA	C9(Carbamidomethyl)	84	1.34E-08	1	2031.127	3.77	Ovary	2R:-:44294468-44294418	exon=> In CDS Exon 2 of transcript AGAP003842-PA
JHU_Ag_3214	FALLDVRPAMDSFDNVWDR	AGAP003843-PA	M10(Oxidation)	49	0.000198059	1	2267.090	-0.52	Midgut	2R:-:44296356-44296300	exon=> In CDS Exon 1 of transcript AGAP003843-PA
JHU_Ag_23850	FALLDVRPAMDSFDNVWDR	AGAP003843-PA	-	57	3.34E-05	1	2267.101	4.4	Malpighian tubule	2R:-:44296356-44296300	exon=> In CDS Exon 1 of transcript AGAP003843-PA
JHU_Ag_78152	HDWIIDR	AGAP003843-PA	-	37	0.002093654	1	954.479	-0.25	Malpighian tubule	2R:-:44296443-44296423	exon=> In CDS Exon 1 of transcript AGAP003843-PA
JHU_Ag_95825	IHNANNEQAWQEVLK	AGAP003843-PA	-	71	1.31E-06	1	1793.892	-0.34	Midgut	2R:-:44296614-44296570	exon=> In CDS Exon 1 of transcript AGAP003843-PA
JHU_Ag_117516	IHNANNEQAWQEVLK	AGAP003843-PA	-	58	2.79E-05	1	1793.894	0.54	Malpighian tubule	2R:-:44296614-44296570	exon=> In CDS Exon 1 of transcript AGAP003843-PA
JHU_Ag_109247	LADEAQKLR	AGAP003845-PA	Q6(Deamidated)	36	0.003742722	2	1044.567	-1.45	Pupa	2R:+:44343427-44343453	exon=> In CDS Exon 1 of transcript AGAP003845-PA
JHU_Ag_16810	YAMGIDTATASSPPPATGTTDTTK	AGAP003848-PA	M3(Oxidation)	81	1.04E-07	1	2371.104	2.74	Head	2R:+:44356505-44356576	exon=> In CDS Exon 5 of transcript AGAP003848-PA
JHU_Ag_17503	SMQDSFTSAIIPLTTDK	AGAP003848-PA	M2(Oxidation)	46	0.000416573	2	1870.915	2.4	Malpighian tubule	2R:+:44355316-44355366	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_21351	LGIEVGYTPFVSTR	AGAP003848-PA	-	43	0.00047691	2	1538.826	3.22	Head	2R:+:44355223-44355264	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_23513	LGIEVGYTPFVSTR	AGAP003848-PA	-	48	0.000142445	1	1538.830	5.52	Visceras	2R:+:44355223-44355264	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_27109	GDLECTAGTMNDVK	AGAP003848-PA	C5(Carbamidomethyl), M10(Oxidation)	49	6.67E-05	1	1526.650	2.52	Ovary	2R:+:44354939-44354975,44355200-44355204	exon=> In CDS Exon 2 and 3 of transcript AGAP003848-PA
JHU_Ag_28491	SMQDSFTSAIIPLTTDK	AGAP003848-PA	M2(Oxidation)	75	5.33E-07	2	1870.907	-1.84	Male reproductive organs	2R:+:44355316-44355366	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_37068	AAFINPLVPANEEEK	AGAP003848-PA	-	45	0.000453603	1	1641.853	2.73	Head	2R:+:44355795-44355839	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_41675	TYHEAMYYLDGR	AGAP003848-PA	M6(Oxidation)	57	1.65E-05	1	1534.659	-2.47	Head	2R:+:44356457-44356492	exon=> In CDS Exon 5 of transcript AGAP003848-PA
JHU_Ag_46924	AAFINPLVPANEEEK	AGAP003848-PA	-	41	0.001072428	1	1641.854	3.69	Male reproductive organs	2R:+:44355795-44355839	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_49445	AAFINPLVPANEEEK	AGAP003848-PA	-	33	0.007118164	1	1641.854	3.25	Ovary	2R:+:44355795-44355839	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_61264	LGIEVGYTPFVSTR	AGAP003848-PA	-	52	5.91E-05	1	1538.826	3.14	Male reproductive organs	2R:+:44355223-44355264	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_65150	IDFTDLVPTHDADIR	AGAP003848-PA	-	52	9.77E-05	1	1727.867	3.98	Ovary	2R:+:44355612-44355656	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_76349	LGIEVGYTPFVSTR	AGAP003848-PA	-	73	4.69E-07	1	1538.829	4.89	Ovary	2R:+:44355223-44355264	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_81319	HVLVPDLPEGVSLPYTFVTVLVDK	AGAP003848-PA	-	126	6.31E-13	1	2637.460	2.28	Ovary	2R:+:44355540-44355611	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_81660	AAFINPLVPANEEEKAIFDGGESR	AGAP003848-PA	-	66	3.31E-06	1	2574.301	6.9	Ovary	2R:+:44355795-44355861,44355939-44355943	exon=> In CDS Exon 4 and 5 of transcript AGAP003848-PA
JHU_Ag_83174	AAFINPLVPANEEEKAIFDGGESR	AGAP003848-PA	-	82	9.22E-08	1	2574.291	2.85	Malpighian tubule	2R:+:44355795-44355861,44355939-44355943	exon=> In CDS Exon 4 and 5 of transcript AGAP003848-PA

JHU_Ag_86303	LGIEVGYTPFVSTR	AGAP003848-PA	-	71	7.95E-07	2	1538.825	2.51	Malpighian tubule	2R:+:44355223-44355264	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_97844	LSGHVSWVGR	AGAP003848-PA	-	36	0.001969189	2	1097.587	1.58	Ovary	2R:+:44355657-44355686	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_104090	IDFTDLVPTHDADIR	AGAP003848-PA	-	54	6.07E-05	1	1727.863	1.97	Head	2R:+:44355612-44355656	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_108631	IDFTDLVPTHDADIR	AGAP003848-PA	-	43	0.000766655	1	1727.868	4.62	Midgut	2R:+:44355612-44355656	exon=> In CDS Exon 4 of transcript AGAP003848-PA
JHU_Ag_110894	YVPQSVSALPPR	AGAP003848-PA	-	42	0.000593811	1	1313.721	0.17	Malpighian tubule	2R:+:44355280-44355315	exon=> In CDS Exon 3 of transcript AGAP003848-PA
JHU_Ag_7881	TRGILIK	AGAP003849-PB	-	29	0.002125612	2	800.537	2.25	Head	2R:-:44394760-44394740	exon=> In CDS Exon 11 of transcript AGAP003849-PB
JHU_Ag_86104	TRGILIK	AGAP003849-PB	-	28	0.002395984	2	800.536	1.26	Visceras	2R:-:44394760-44394740	exon=> In CDS Exon 11 of transcript AGAP003849-PB
JHU_Ag_22637	TATSDPIALQVVGAPQVLR	AGAP003849-PB,AGAP003849-PA	-	49	5.19E-05	1	1936.077	-5.02	Head	2R:-:44420175-44420119;2R:-:44420175-44420119	exon=> In CDS Exon 7 of transcript AGAP003849-PB;exon=> In CDS Exon 7 of transcript AGAP003849-PA
JHU_Ag_64888	TQWEEIFAEAKQK	AGAP003854-PA	Q2(Deamidated), Q12(Deamidated)	38	0.002348131	1	1609.753	-13.3	Malpighian tubule	2R:-:44572625-44572587	exon=> In CDS Exon 8 of transcript AGAP003854-PA
JHU_Ag_45504	LTIEFTEEYPNKPPTVR	AGAP003857-PA	-	72	7.22E-07	1	2034.057	1.28	Ovary	2R:+:44648851-44648901	exon=> In CDS Exon 2 of transcript AGAP003857-PA
JHU_Ag_329	STTVAAPSPVSTGAR	AGAP003860-PA,AGAP003860-PB	-	49	0.000235673	1	1401.740	5.07	Male reproductive organs	2R:+:44656730-44656774;2R:+:44661829-44661873	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_1222	SFGVKPILDYSVEEDLSQEEAEKR	AGAP003860-PA,AGAP003860-PB	-	221	1.09E-21	1	2768.379	6.01	Head	2R:+:44668546-44668617;2R:+:44668546-44668617	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_1300	VPDPVTGQMR	AGAP003860-PA,AGAP003860-PB	M9(Oxidation)	67	2.32E-06	1	1099.558	1.15	Malpighian tubule	2R:+:44671602-44671631;2R:+:44671602-44671631	exon=> In CDS Exon 7 of transcript AGAP003860-PA;exon=> In CDS Exon 7 of transcript AGAP003860-PB
JHU_Ag_1981	TYFYLNEATCERNMETFLECLDAVK	AGAP003860-PA,AGAP003860-PB	C10(Carbamidomethyl), M14(Oxidation), C20(Carbamidomethyl)	98	1.69E-09	1	3133.410	4.67	Malpighian tubule	2R:+:44668832-44668906;2R:+:44668832-44668906	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_2446	NMETFLECLDAVK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	95	4.46E-09	1	1569.733	2.55	Visceras	2R:+:44668868-44668906;2R:+:44668868-44668906	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_2933	QQQDNNPSTPQRDPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	N5(Deamidated)	130	1.39E-12	1	3066.439	2.92	Visceras	2R:+:44656781-44656861;2R:+:44661880-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_5122	DPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	64	5.47E-06	2	1672.795	-0.78	Pupa	2R:+:44656817-44656861;2R:+:44661916-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_10778	DPLDVSFNDPHAAFKSK	AGAP003860-PA,AGAP003860-PB	-	64	6.16E-06	1	1887.928	2.19	Malpighian tubule	2R:+:44656817-44656867;2R:+:44661916-44661966	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_11185	VPDPVTGQMR	AGAP003860-PA,AGAP003860-PB	M9(Oxidation)	53	4.23E-05	1	1099.557	0.04	Head	2R:+:44671602-44671631;2R:+:44671602-44671631	exon=> In CDS Exon 7 of transcript AGAP003860-PA;exon=> In CDS Exon 7 of transcript AGAP003860-PB
JHU_Ag_11746	SFGVKPILDYSVEEDLSQEEAEKR	AGAP003860-PA,AGAP003860-PB	-	84	4.86E-08	1	2768.367	1.61	Salivary gland	2R:+:44668546-44668617;2R:+:44668546-44668617	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_13603	RYMMDLAGSTGNILTHHK	AGAP003860-PA,AGAP003860-PB	M3(Oxidation), M4(Oxidation)	91	1.37E-08	1	2076.999	1.54	Malpighian tubule	2R:+:44671321-44671374;2R:+:44671321-44671374	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB

JHU_Ag_17549	REVEASVSSAGTNLSEDSADSLPQYSVDK	AGAP003860-PA,AGAP003860-PB	-	43	0.000651263	3	3041.424	1.73	Malpighian tubule	2R:+:44668615-44668625,44668717-44668792;2R:+:44668615-44668625,44668717-44668792	exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PB
JHU_Ag_18371	RLNTIVK	AGAP003860-PA,AGAP003860-PB	-	25	0.004426814	1	843.544	3.21	Malpighian tubule	2R:+:44671689-44671709;2R:+:44671689-44671709	exon=> In CDS Exon 7 of transcript AGAP003860-PA;exon=> In CDS Exon 7 of transcript AGAP003860-PB
JHU_Ag_18623	TYFYLNEATCER	AGAP003860-PA,AGAP003860-PB	C10(Carbamidomethyl)	49	0.000103105	2	1566.695	3.75	Male reproductive organs	2R:+:44668832-44668867;2R:+:44668832-44668867	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_18808	VTSDKDGILHLFPWTGIINEDCQLSETFR	AGAP003860-PA,AGAP003860-PB	C22(Carbamidomethyl)	61	1.03E-05	1	3391.671	2.4	Visceras	2R:+:44671447-44671466,44671535-44671601;2R:+:44671447-44671466,44671535-44671601	exon=> In CDS Exon 6 and 7 of transcript AGAP003860-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP003860-PB
JHU_Ag_19414	GATFGTGITAIK	AGAP003860-PA,AGAP003860-PB	-	62	5.70E-06	2	1136.631	0.29	Male reproductive organs	2R:+:44668907-44668907,44671137-44671171;2R:+:44668907-44668907,44671137-44671171	exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PB
JHU_Ag_20378	IPPKEEEMFR	AGAP003860-PA,AGAP003860-PB	M8(Oxidation)	49	0.000218406	1	1275.641	0.51	Malpighian tubule	2R:+:44671647-44671676;2R:+:44671647-44671676	exon=> In CDS Exon 7 of transcript AGAP003860-PA;exon=> In CDS Exon 7 of transcript AGAP003860-PB
JHU_Ag_21462	NMETFLECLDAVK	AGAP003860-PA,AGAP003860-PB	C8(Carbamidomethyl),"M2(Oxidation),C8(Carbamidomethyl)"	108	1.90E-10	1	1585.730	3.97	Head	2R:+:44668868-44668906;2R:+:44668868-44668906	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_22472	LTALGRPQLLLQVSEVIMQAR	AGAP003860-PA,AGAP003860-PB	M18(Oxidation)	134	4.90E-14	1	2352.351	3.2	Visceras	2R:+:44671172-44671201,44671288-44671320;2R:+:44671172-44671201,44671288-44671320	exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PB
JHU_Ag_22777	EVEASVSSAGTNLSEDSADSLPQYSVDK	AGAP003860-PA,AGAP003860-PB	-	171	9.30E-17	1	2885.323	1.95	Malpighian tubule	2R:+:44668618-44668625,44668717-44668792;2R:+:44668618-44668625,44668717-44668792	exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PB
JHU_Ag_22922	STTVAAPSPVSTGAR	AGAP003860-PA,AGAP003860-PB	-	83	7.40E-08	1	1401.735	1.15	Malpighian tubule	2R:+:44656730-44656774;2R:+:44661829-44661873	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB

JHU_Ag_23317	GATFGTGITAIK	AGAP003860-PA,AGAP003860-PB	-	40	0.000903281	2	1136.630	-1.1	Ovary	2R:+:44668907-44668907,44671137-44671171;2R:+:44668907-44668907,44671137-44671171	exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PB
JHU_Ag_24754	TYFYLNEATCER	AGAP003860-PA,AGAP003860-PB	C10(Carbamidomethyl)	82	4.95E-08	1	1566.692	1.5	Visceras	2R:+:44668832-44668867;2R:+:44668832-44668867	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_28754	QQQDNNPSTPQR	AGAP003860-PA,AGAP003860-PB	-	74	4.30E-07	1	1412.656	3.16	Malpighian tubule	2R:+:44656781-44656816;2R:+:44661880-44661915	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_30472	YLGNVSDKAEVK	AGAP003860-PA,AGAP003860-PB	-	77	2.44E-07	1	1322.695	-0.18	Malpighian tubule	2R:+:44671396-44671431;2R:+:44671396-44671431	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_31839	TIQDLER	AGAP003860-PA,AGAP003860-PB	-	43	0.00128526	2	874.465	2.05	Malpighian tubule	2R:+:44671375-44671395;2R:+:44671375-44671395	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_33560	SFGVKPILDYSVEEDLSQEEAEKR	AGAP003860-PA,AGAP003860-PB	-	190	1.24E-18	1	2768.367	1.71	Malpighian tubule	2R:+:44668546-44668617;2R:+:44668546-44668617	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_33758	SKTTFELIR	AGAP003860-PA,AGAP003860-PB	-	45	0.000202839	1	1094.622	1.26	Head	2R:+:44656862-44656888;2R:+:44661961-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_35232	QQQDNNPSTPQRDPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	147	2.50E-14	1	3066.429	-0.34	Malpighian tubule	2R:+:44656781-44656861;2R:+:44661880-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_36072	TAQDLDVR	AGAP003860-PA,AGAP003860-PB	-	59	2.90E-05	1	917.471	2.13	Malpighian tubule	2R:+:44671794-44671817;2R:+:44671794-44671817	exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_37773	LTALGRPQLLLQVSEVIMQARR	AGAP003860-PA,AGAP003860-PB	M18(Oxidation)	82	7.23E-09	1	2508.450	2.36	Malpighian tubule	2R:+:44671172-44671201,44671288-44671323;2R:+:44671172-44671201,44671288-44671323	exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PB
JHU_Ag_38793	QFLEK	AGAP003860-PA,AGAP003860-PB	-	35	0.003013038	1	664.365	-1.78	Pupa	2R:+:44671432-44671446;2R:+:44671432-44671446	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_39028	TTFELIR	AGAP003860-PA,AGAP003860-PB	-	50	7.29E-05	2	879.493	-0.31	Visceras	2R:+:44656868-44656888;2R:+:44661967-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_39225	GATFGTGITAIK	AGAP003860-PA,AGAP003860-PB	-	66	2.05E-06	2	1136.631	-0.35	Salivary gland	2R:+:44668907-44668907,44671137-44671171;2R:+:44668907-44668907,44671137-44671171	exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PB
JHU_Ag_40558	YMMDLAGSTGNILTHHK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation),M3(Oxidation),"M2(Oxidation), M3(Oxidation)"	93	7.42E-09	1	1920.901	3.3	Malpighian tubule	2R:+:44671324-44671374;2R:+:44671324-44671374	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB

JHU_Ag_42528	TYFYLNEATCER	AGAP003860-PA,AGAP003860-PB	C10(Carbamidomethyl)	97	1.79E-09	1	1566.695	3.75	Head	2R:+:44668832-44668867;2R:+:44668832-44668867	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_42943	YLGNVSDKAEVK	AGAP003860-PA,AGAP003860-PB	-	55	4.21E-05	1	1322.695	0.19	Ovary	2R:+:44671396-44671431;2R:+:44671396-44671431	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_46536	SKTTFELIR	AGAP003860-PA,AGAP003860-PB	-	52	3.47E-05	1	1094.623	1.93	Malpighian tubule	2R:+:44656862-44656888;2R:+:44661961-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_49276	LTALGRPQLLLQVSEVIMQAR	AGAP003860-PA,AGAP003860-PB	M18(Oxidation)	109	1.55E-11	1	2352.352	3.82	Malpighian tubule	2R:+:44671172-44671201,44671288-44671320;2R:+:44671172-44671201,44671288-44671320	exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PB
JHU_Ag_52776	EVEASVSSAGTNLSEDSADSLPQYSVDK	AGAP003860-PA,AGAP003860-PB	-	74	4.80E-07	1	2885.325	2.88	Visceras	2R:+:44668618-44668625,44668717-44668792;2R:+:44668618-44668625,44668717-44668792	exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PB
JHU_Ag_53050	QRQQQDNNPSTPQR	AGAP003860-PA,AGAP003860-PB	-	62	1.07E-05	1	1696.815	2.28	Malpighian tubule	2R:+:44656775-44656816;2R:+:44661874-44661915	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_56108	RYMMDLAGSTGNILTHHK	AGAP003860-PA,AGAP003860-PB	M3(Oxidation), M4(Oxidation)	74	6.33E-07	1	2076.997	0.57	Visceras	2R:+:44671321-44671374;2R:+:44671321-44671374	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_56409	NMETFLECLDAVKGATFGTGITAIK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation), C8(Carbamidomethyl)	104	5.55E-10	1	2703.356	6.88	Malpighian tubule	2R:+:44668868-44668907,44671137-44671171;2R:+:44668868-44668907,44671137-44671171	exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PB
JHU_Ag_59016	STTVAAPSPVSTGAR	AGAP003860-PA,AGAP003860-PB	-	75	4.94E-07	1	1401.733	-0.25	Visceras	2R:+:44656730-44656774;2R:+:44661829-44661873	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_60250	IPPKEEEMFR	AGAP003860-PA,AGAP003860-PB	M8(Oxidation)	44	0.000670811	2	1291.635	-0.47	Visceras	2R:+:44671647-44671676;2R:+:44671647-44671676	exon=> In CDS Exon 7 of transcript AGAP003860-PA;exon=> In CDS Exon 7 of transcript AGAP003860-PB
JHU_Ag_62127	SFGVKPILDYSVEEDLSQEEAEKR	AGAP003860-PA,AGAP003860-PB	-	229	1.65E-22	1	2768.370	2.7	Visceras	2R:+:44668546-44668617;2R:+:44668546-44668617	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_62159	DPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	48	0.000211807	1	1672.798	0.63	Ovary	2R:+:44656817-44656861;2R:+:44661916-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_62667	NMETFLECLDAVK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	75	3.91E-07	2	1569.728	-0.56	Ovary	2R:+:44668868-44668906;2R:+:44668868-44668906	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_62901	TYFYLNEATCER	AGAP003860-PA,AGAP003860-PB	C10(Carbamidomethyl)	67	1.69E-06	1	1566.691	1.03	Salivary gland	2R:+:44668832-44668867;2R:+:44668832-44668867	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB

JHU_Ag_62912	YMMDLAGSTGNILTHHK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation), M3(Oxidation)	119	1.84E-11	1	1920.898	2.16	Visceras	2R:+:44671324-44671374;2R:+:44671324-44671374	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_63366	EVEASVSSAGTNLSEDSADSLPQYSVDK	AGAP003860-PA,AGAP003860-PB	-	88	1.89E-08	2	2885.323	1.86	Head	2R:+:44668618-44668625,44668717-44668792;2R:+:44668618-44668625,44668717-44668792	exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PB
JHU_Ag_67472	QQQDNNPSTPQRDPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	57	2.69E-05	1	3066.432	0.64	Ovary	2R:+:44656781-44656861;2R:+:44661880-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_67683	TAQDLDVR	AGAP003860-PA,AGAP003860-PB	-	54	8.16E-05	2	917.469	0.01	Ovary	2R:+:44671794-44671817;2R:+:44671794-44671817	exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_68335	STTVAAPSPVSTGAR	AGAP003860-PA,AGAP003860-PB	-	38	0.002810774	1	1401.733	0.02	Ovary	2R:+:44656730-44656774;2R:+:44661829-44661873	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_68565	TTFELIR	AGAP003860-PA,AGAP003860-PB	-	42	0.000490848	2	879.493	-0.31	Ovary	2R:+:44656868-44656888;2R:+:44661967-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_70762	TYFYLNEATCER	AGAP003860-PA,AGAP003860-PB	C10(Carbamidomethyl)	68	1.33E-06	2	1566.692	1.57	Ovary	2R:+:44668832-44668867;2R:+:44668832-44668867	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_71078	STTVAAPSPVSTGAR	AGAP003860-PA,AGAP003860-PB	-	73	8.26E-07	1	1401.734	0.36	Head	2R:+:44656730-44656774;2R:+:44661829-44661873	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_71880	NMETFLECLDAVK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	91	1.18E-08	2	1569.741	7.84	Malpighian tubule	2R:+:44668868-44668906;2R:+:44668868-44668906	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_76108	TIQDLERYLGNVSDK	AGAP003860-PA,AGAP003860-PB	-	59	1.40E-05	2	1750.906	5.06	Malpighian tubule	2R:+:44671375-44671419;2R:+:44671375-44671419	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_77199	DPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	125	3.69E-12	1	1672.800	1.99	Malpighian tubule	2R:+:44656817-44656861;2R:+:44661916-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_77827	GATFGTGITAIK	AGAP003860-PA,AGAP003860-PB	-	83	4.04E-08	1	1136.632	0.72	Malpighian tubule	2R:+:44668907-44668907,44671137-44671171;2R:+:44668907-44668907,44671137-44671171	exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PB
JHU_Ag_78008	SFGVKPILDYSVEEDLSQEEAEKR	AGAP003860-PA,AGAP003860-PB	-	36	0.003775194	1	2768.374	4.26	Pupa	2R:+:44668546-44668617;2R:+:44668546-44668617	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_79362	TIQDLER	AGAP003860-PA,AGAP003860-PB	-	45	0.000774446	2	874.462	-0.53	Visceras	2R:+:44671375-44671395;2R:+:44671375-44671395	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_81504	QQQDNNPSTPQR	AGAP003860-PA,AGAP003860-PB	-	62	7.90E-06	2	1412.652	0.14	Head	2R:+:44656781-44656816;2R:+:44661880-44661915	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_84185	TYFYLNEATCER	AGAP003860-PA,AGAP003860-PB	C10(Carbamidomethyl)	91	6.46E-09	1	1566.693	2.35	Malpighian tubule	2R:+:44668832-44668867;2R:+:44668832-44668867	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB

JHU_Ag_85012	DPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	116	2.89E-11	1	1672.804	4.11	Head	2R:+:44656817-44656861;2R:+:44661916-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_85638	YLGNVSDK	AGAP003860-PA,AGAP003860-PB	-	37	0.001929867	1	895.452	-0.45	Head	2R:+:44671396-44671419;2R:+:44671396-44671419	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_86013	GATFGTGITAIK	AGAP003860-PA,AGAP003860-PB	-	99	8.48E-10	2	1136.636	4.59	Head	2R:+:44668907-44668907,44671137-44671171;2R:+:44668907-44668907,44671137-44671171	exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003860-PB
JHU_Ag_86583	DPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	106	3.80E-10	1	1672.801	2.65	Visceras	2R:+:44656817-44656861;2R:+:44661916-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_87127	TAQDLDVRIMIDAEQTYFQPAISR	AGAP003860-PA,AGAP003860-PB	M10(Oxidation)	87	3.28E-08	1	2797.392	3.39	Malpighian tubule	2R:+:44671794-44671865;2R:+:44671794-44671865	exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_87884	LTALGRPQLLLQVSEVIMQAR	AGAP003860-PA,AGAP003860-PB	M18(Oxidation)	109	1.27E-11	1	2352.362	8.1	Head	2R:+:44671172-44671201,44671288-44671320;2R:+:44671172-44671201,44671288-44671320	exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PB
JHU_Ag_88584	REVEASVSSAGTNLSEDSADSLPQYSVDK	AGAP003860-PA,AGAP003860-PB	-	152	8.25E-15	1	3041.418	-0.14	Head	2R:+:44668615-44668625,44668717-44668792;2R:+:44668615-44668625,44668717-44668792	exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PB
JHU_Ag_92007	SFGVKPILDYSVEEDLSQEEAEKR	AGAP003860-PA,AGAP003860-PB	-	156	3.25E-15	1	2768.365	0.91	Ovary	2R:+:44668546-44668617;2R:+:44668546-44668617	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_92538	TTFELIR	AGAP003860-PA,AGAP003860-PB	-	47	0.000146875	2	879.493	-0.45	Salivary gland	2R:+:44656868-44656888;2R:+:44661967-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_93537	STTVAAPSPVSTGAR	AGAP003860-PA,AGAP003860-PB	-	50	0.000160516	1	1401.730	-2.34	Salivary gland	2R:+:44656730-44656774;2R:+:44661829-44661873	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_93616	SFGVKPILDYSVEEDLSQEEAEK	AGAP003860-PA,AGAP003860-PB	-	73	7.59E-07	3	2612.265	1.47	Visceras	2R:+:44668546-44668614;2R:+:44668546-44668614	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_95287	YLGNVSDKAEVK	AGAP003860-PA,AGAP003860-PB	-	81	1.07E-07	1	1322.694	-0.55	Visceras	2R:+:44671396-44671431;2R:+:44671396-44671431	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_95552	SFGVKPILDYSVEEDLSQEEAEK	AGAP003860-PA,AGAP003860-PB	-	119	1.91E-11	1	2612.276	5.47	Malpighian tubule	2R:+:44668546-44668614;2R:+:44668546-44668614	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_96989	YLGNVSDKAEVK	AGAP003860-PA,AGAP003860-PB	-	88	2.07E-08	1	1322.697	1.39	Head	2R:+:44671396-44671431;2R:+:44671396-44671431	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB

JHU_Ag_98856	DPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	37	0.002689804	1	1672.794	-1.45	Salivary gland	2R:+:44656817-44656861;2R:+:44661916-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_99896	TTFELIR	AGAP003860-PA,AGAP003860-PB	-	46	0.00017268	1	879.496	2.61	Head	2R:+:44656868-44656888;2R:+:44661967-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_102988	TIQDLER	AGAP003860-PA,AGAP003860-PB	-	42	0.001327367	1	874.463	0.66	Salivary gland	2R:+:44671375-44671395;2R:+:44671375-44671395	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_104634	TAQDLDVR	AGAP003860-PA,AGAP003860-PB	-	54	7.13E-05	1	917.469	0.14	Head	2R:+:44671794-44671817;2R:+:44671794-44671817	exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_105454	YKVQSAR	AGAP003860-PA,AGAP003860-PB	-	40	0.000509756	2	851.476	2.76	Malpighian tubule	2R:+:44668811-44668831;2R:+:44668811-44668831	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_109302	SFGVKPILDYSVEEDLSQEEAEK	AGAP003860-PA,AGAP003860-PB	-	114	6.58E-11	1	2612.273	4.28	Head	2R:+:44668546-44668614;2R:+:44668546-44668614	exon=> In CDS Exon 3 of transcript AGAP003860-PA;exon=> In CDS Exon 3 of transcript AGAP003860-PB
JHU_Ag_110130	LTALGRPQLLLQVSEVIMQAR	AGAP003860-PA,AGAP003860-PB	M18(Oxidation)	96	2.73E-10	1	2352.355	4.99	Salivary gland	2R:+:44671172-44671201,44671288-44671320;2R:+:44671172-44671201,44671288-44671320	exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP003860-PB
JHU_Ag_110665	TTFELIR	AGAP003860-PA,AGAP003860-PB	-	43	0.000418742	2	879.493	-0.58	Male reproductive organs	2R:+:44656868-44656888;2R:+:44661967-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_110786	YMMDLAGSTGNILTHHK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation),"M2(Oxidation), M3(Oxidation)"	100	1.23E-09	1	1920.891	-1.56	Head	2R:+:44671324-44671374;2R:+:44671324-44671374	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_111187	QQQDNNPSTPQRDPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	N5(Deamidated),"Q1(Deamidated), N20(Deamidated)",Q3(Deamidated),Q1(Deamidated),Q2(Deamidated),Q11(Deamidated),"Q2(Deamidated), Q3(Deamidated), N5(Deamidated), N6(Deamidated), Q11(Deamidated)","Q1(Deamidated), Q2(Deamidated), Q3(Deamidated), N5(Deamidated), N6(Deamidated)"	142	7.81E-14	1	3066.428	-0.74	Head	2R:+:44656781-44656861;2R:+:44661880-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_111218	RYMMDLAGSTGNILTHHK	AGAP003860-PA,AGAP003860-PB	M3(Oxidation), M4(Oxidation)	75	4.76E-07	1	2076.998	1.09	Head	2R:+:44671321-44671374;2R:+:44671321-44671374	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_111625	IPPKEEEMFR	AGAP003860-PA,AGAP003860-PB	M8(Oxidation)	52	0.000119643	1	1291.634	-0.56	Head	2R:+:44671647-44671676;2R:+:44671647-44671676	exon=> In CDS Exon 7 of transcript AGAP003860-PA;exon=> In CDS Exon 7 of transcript AGAP003860-PB
JHU_Ag_112514	TTFELIR	AGAP003860-PA,AGAP003860-PB	-	46	0.000207466	1	879.494	1.15	Malpighian tubule	2R:+:44656868-44656888;2R:+:44661967-44661987	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB

JHU_Ag_112537	NMETFLECLDAVK	AGAP003860-PA,AGAP003860-PB	M2(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	74	4.48E-07	2	1585.724	0.04	Salivary gland	2R:+:44668868-44668906;2R:+:44668868-44668906	exon=> In CDS Exon 4 of transcript AGAP003860-PA;exon=> In CDS Exon 4 of transcript AGAP003860-PB
JHU_Ag_115068	TIQDLER	AGAP003860-PA,AGAP003860-PB	-	43	0.001303 14	1	874.464	0.94	Head	2R:+:44671375-44671395;2R:+:44671375-44671395	exon=> In CDS Exon 6 of transcript AGAP003860-PA;exon=> In CDS Exon 6 of transcript AGAP003860-PB
JHU_Ag_115304	EVEASVSSAGTNLSEDSADSLPQYSVDKTFADR	AGAP003860-PA,AGAP003860-PB	-	104	4.98E-10	1	3475.615	4.64	Malpighian tubule	2R:+:44668618-44668625,44668717-44668807;2R:+:44668618-44668625,44668717-44668807	exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PB
JHU_Ag_115495	EVEASVSSAGTNLSEDSADSLPQYSVDK	AGAP003860-PA,AGAP003860-PB	-	34	0.004435 115	3	2885.314	-0.95	Ovary	2R:+:44668618-44668625,44668717-44668792;2R:+:44668618-44668625,44668717-44668792	exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003860-PB
JHU_Ag_116313	DPLDVSFNDPHAAFK	AGAP003860-PA,AGAP003860-PB	-	43	0.000709 602	1	1672.790	-3.74	Midgut	2R:+:44656817-44656861;2R:+:44661916-44661960	exon=> In CDS Exon 1 of transcript AGAP003860-PA;exon=> In CDS Exon 1 of transcript AGAP003860-PB
JHU_Ag_64308	VPANAIPEKELQSAEVQYLAR	AGAP003861-PA	-	114	2.76E-11	1	2326.242	0.67	Visceras	2R:+:44676981-44677043	exon=> In CDS Exon 1 of transcript AGAP003861-PA
JHU_Ag_19316	FDAAQLVLR	AGAP003863-PA	-	82	5.13E-08	2	1032.584	0.19	Salivary gland	2R:-:44680643-44680617	exon=> In CDS Exon 5 of transcript AGAP003863-PA
JHU_Ag_25320	ACVNYVTNNLPEVAR	AGAP003863-PA	C2(Carbamidomethyl)	41	0.001357 176	2	1719.856	4.31	Malpighian tubule	2R:-:44691430-44691386	exon=> In CDS Exon 2 of transcript AGAP003863-PA
JHU_Ag_27234	FDAAQLVLR	AGAP003863-PA	-	46	0.000262 659	2	1032.584	-0.04	Ovary	2R:-:44680643-44680617	exon=> In CDS Exon 5 of transcript AGAP003863-PA
JHU_Ag_50948	AGNNLEYVIEAR	AGAP003863-PA	-	45	0.000574 466	2	1348.686	0.44	Salivary gland	2R:-:44681180-44681145	exon=> In CDS Exon 5 of transcript AGAP003863-PA
JHU_Ag_9702	GLTALFK	AGAP003864-PA	-	42	0.000292 241	2	749.457	1.27	Malpighian tubule	2R:-:44693805-44693785	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_27305	LTYVVMRPDDPR	AGAP003864-PA	M6(Oxidation)	45	0.000548 655	1	1477.748	0.46	Ovary	2R:-:44693661-44693626	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_31804	GLTALFK	AGAP003864-PA	-	48	4.59E-05	2	749.454	-1.75	Head	2R:-:44693805-44693785	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_39157	GLTALFK	AGAP003864-PA	-	48	7.94E-05	2	749.457	1.27	Visceras	2R:-:44693805-44693785	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_44862	GLTALFK	AGAP003864-PA	-	24	0.011491 157	2	749.454	-1.91	Midgut	2R:-:44693805-44693785	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_51264	GLTALFKR	AGAP003864-PA	-	33	0.001868 439	1	905.558	1.81	Malpighian tubule	2R:-:44693805-44693782	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_62379	GLTALFK	AGAP003864-PA	-	41	0.000331 504	2	749.458	2.65	Ovary	2R:-:44693805-44693785	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_69118	AASSQASR	AGAP003864-PA	N-Term(Acetyl)	50	0.000180 163	2	819.394	-2.31	Visceras	2R:-:44693829-44693806	exon=> In CDS Exon 1 of transcript AGAP003864-PA
JHU_Ag_5468	FLLSALKPDLLLK	AGAP003867-PA	-	74	8.15E-09	1	1470.928	-1.05	Ovary	2R:+:44699031-44699069	exon=> In CDS Exon 2 of transcript AGAP003867-PA
JHU_Ag_839	GVIIAEAQNFAR	AGAP003869-PA	-	83	7.24E-08	1	1288.699	-1.54	Salivary gland	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_1647	FPAVAVAGLGDASK	AGAP003869-PA	-	72	9.30E-07	1	1302.705	-0.05	Visceras	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA

JHU_Ag_1738	SICVDNTDAEGR	AGAP003869-PA	C3(Carbamidomethyl)	77	1.23E-07	2	1336.579	-0.42	Pupa	2R:-:44705784-44705749	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_3579	MGSFLSVTNGSNEPAR	AGAP003869-PA	M1(Oxidation), N9(Deamidated)	56	2.94E-05	2	1683.771	3.75	Larva	2R:-:44706114-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_4136	IAAAAGVR	AGAP003869-PA	-	58	9.36E-06	1	728.444	3.09	Larva	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_7107	FILDIATLTGAIK	AGAP003869-PA	-	111	1.29E-11	2	1375.819	-0.25	Midgut	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_8060	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	67	1.02E-06	2	1383.774	5.48	Larva	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_8141	LWETIHEAGSQTGDR	AGAP003869-PA	-	97	3.12E-09	1	1699.804	0.15	Pupa	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_8636	IAAAAGVR	AGAP003869-PA	-	58	5.77E-06	2	728.442	0.16	Midgut	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_8918	GITFDSGGISLKPSANMDQMR	AGAP003869-PA	M17(Oxidation), M20(Oxidation)	92	1.05E-08	1	2257.059	-0.08	Male reproductive organs	2R:-:44706006-44705944	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_9258	GITFDSGGISLKPSANMDQMR	AGAP003869-PA	M20(Oxidation),M17(Oxidation),"M17(Oxidation), M20(Oxidation)"	136	3.44E-13	1	2225.070	0.59	Malpighian tubule	2R:-:44706006-44705944	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_10363	GVIIAEAQNFAR	AGAP003869-PA	-	91	1.19E-08	1	1288.702	0.74	Pupa	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_10829	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	111	1.28E-10	1	1653.796	3.27	Salivary gland	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_12071	SICVDNTDAEGR	AGAP003869-PA	C3(Carbamidomethyl)	76	1.65E-07	1	1336.580	-0.15	Ovary	2R:-:44705784-44705749	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_12534	GFVPLCENMPSGTATKPGDVVYAMNGK	AGAP003869-PA	C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation), N25(Deamidated)	56	2.78E-05	1	2873.325	3.17	Larva	2R:-:44705865-44705785	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_13932	ADMGGAANVVSTILALAQLK	AGAP003869-PA	M3(Oxidation)	41	0.000600746	1	1959.065	3.6	Male reproductive organs	2R:-:44705943-44705884	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_14532	LGAANVEVVVHDEAWAK	AGAP003869-PA	-	49	0.000146524	1	1807.949	8.57	Ovary	2R:-:44706174-44706124	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_14604	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation)	97	3.80E-09	1	2248.114	6.62	Larva	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_16063	QTPLPAVSFAEDASGK	AGAP003869-PA	-	62	1.27E-05	2	1617.815	1.72	Visceras	2R:-:44706423-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_16447	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	122	7.25E-12	1	1796.929	2.32	Ovary	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_16621	GLVLGVYSSEGKDEVK	AGAP003869-PA	-	58	1.93E-05	1	1679.892	3.89	Larva	2R:-:44714626-44714579	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_16693	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	99	1.94E-09	2	1653.789	-0.94	Head	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_16808	TLVEFVTK	AGAP003869-PA	-	42	0.000364795	1	936.539	-0.86	Ovary	2R:-:44705199-44705176	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_17175	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	72	4.32E-07	2	1383.768	0.98	Head	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_18919	YNESTAGK	AGAP003869-PA	-	55	2.03E-05	2	869.401	1.18	Malpighian tubule	2R:-:44714557-44714534	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_19612	FILDIATLTGAIK	AGAP003869-PA	-	101	1.20E-10	2	1375.825	3.66	Ovary	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA

JHU_Ag_19739	LWETIHEAGSQTGDR	AGAP003869-PA	-	108	2.12E-10	1	1699.804	0.58	Visceras	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_19832	ADMGGAANVVSTILALAQLKAPVHVK	AGAP003869-PA	M3(Oxidation)	110	3.31E-11	1	2590.440	0.55	Malpighian tubule	2R:-:44705943-44705866	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_21176	GGGSCTAAAFLR	AGAP003869-PA	C5(Carbamidomethyl)	77	2.83E-07	1	1167.558	0.7	Malpighian tubule	2R:-:44705349-44705314	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_21458	GFVPLCENMPSGTATKPGDVVYAMNGK	AGAP003869-PA	C6(Carbamidomethyl), M9(Oxidation), N25(Deamidated),"C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation), N25(Deamidated)",C6(Carbamidomethyl),"C6(Carbamidomethyl), M24(Oxidation)","C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation)","C6(Carbamidomethyl), N25(Deamidated)","C6(Carbamidomethyl), M24(Oxidation), N25(Deamidated)"	56	2.91E-05	1	2872.330	-0.65	Midgut	2R:-:44705865-44705785	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_22253	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	127	3.67E-12	1	1653.792	1.13	Ovary	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_22658	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	106	2.55E-10	2	1796.931	3.2	Salivary gland	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_23429	GSQDEQCVALVGK	AGAP003869-PA	C7(Carbamidomethyl)	74	6.42E-07	2	1390.662	-0.82	Midgut	2R:-:44706045-44706007	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_23467	GSQDEQCVALVGK	AGAP003869-PA	C7(Carbamidomethyl)	59	1.76E-05	2	1390.663	-0.47	Pupa	2R:-:44706045-44706007	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_26876	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation)	55	5.30E-05	1	2248.097	-1.04	Pupa	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_27441	GLVLGVYSSEGKDEVK	AGAP003869-PA	-	84	4.23E-08	1	1679.889	2.29	Salivary gland	2R:-:44714626-44714579	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_27832	FPAVAVAGLGDASK	AGAP003869-PA	-	66	3.51E-06	1	1302.705	-0.24	Male reproductive organs	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_27930	IAAAAGVR	AGAP003869-PA	-	47	6.95E-05	2	728.441	-0.01	Head	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_28213	GLVLGVYSSEGKDEVK	AGAP003869-PA	-	95	3.42E-09	1	1679.886	0.47	Ovary	2R:-:44714626-44714579	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_29129	GITFDSGGISLKPSANMDQMR	AGAP003869-PA	M17(Oxidation), M20(Oxidation)	90	1.37E-08	1	2257.056	-1.38	Pupa	2R:-:44706006-44705944	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_29778	LWETIHEAGSQTGDR	AGAP003869-PA	-	112	9.87E-11	1	1699.804	0.22	Malpighian tubule	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_29850	SICVDNTDAEGR	AGAP003869-PA	C3(Carbamidomethyl)	61	4.45E-06	2	1336.581	1.13	Head	2R:-:44705784-44705749	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_29972	GSQDEQCVALVGK	AGAP003869-PA	C7(Carbamidomethyl)	93	6.52E-09	1	1390.663	-0.03	Ovary	2R:-:44706045-44706007	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_29975	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	M9(Oxidation), N23(Deamidated),M9(Oxidation)	136	4.30E-13	1	2715.293	0.12	Midgut	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA

JHU_Ag_30818	FILDIATLTGAIK	AGAP003869-PA	-	97	3.05E-10	2	1375.823	2.24	Malpighian tubule	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_31516	QTPLPAVSFAEDASGK	AGAP003869-PA	-	82	1.07E-07	2	1617.809	-1.67	Midgut	2R:-:44706423-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_31691	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	79	1.43E-07	2	1796.926	0.35	Male reproductive organs	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_32482	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	M9(Oxidation)	58	2.54E-05	1	2715.301	2.75	Male reproductive organs	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_33010	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	-	48	0.000253728	3	2699.309	3.89	Pupa	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_33628	FPAVAVAGLGDASKWDELDEIDGAK	AGAP003869-PA	-	158	3.00E-15	1	2574.277	1.87	Malpighian tubule	2R:-:44706654-44706580	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_35207	SICVDNTDAEGR	AGAP003869-PA	C3(Carbamidomethyl)	97	1.24E-09	1	1336.580	0.13	Malpighian tubule	2R:-:44705784-44705749	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_36099	GFVPLCENMPSGTATKPGDVVYAMNGK	AGAP003869-PA	C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation)	57	2.32E-05	1	2872.336	1.64	Head	2R:-:44705865-44705785	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_36204	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation),M10(Oxidation),M3(Oxidation)	117	3.06E-11	1	2216.111	0.92	Malpighian tubule	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_36318	GGGSCTAAAFLR	AGAP003869-PA	C5(Carbamidomethyl)	47	0.000260944	2	1167.557	-0.56	Midgut	2R:-:44705349-44705314	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_36989	GLVLGVYSSEGKDEVK	AGAP003869-PA	-	109	1.40E-10	1	1679.887	0.98	Malpighian tubule	2R:-:44714626-44714579	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_38177	GVIIAEAQNFAR	AGAP003869-PA	-	87	3.10E-08	1	1288.701	0.07	Ovary	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_38563	TLVEFVTK	AGAP003869-PA	-	35	0.001186569	2	936.543	2.85	Larva	2R:-:44705199-44705176	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_39244	GSQDEQCVALVGK	AGAP003869-PA	C7(Carbamidomethyl)	100	1.47E-09	1	1390.664	0.58	Visceras	2R:-:44706045-44706007	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_39456	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	54	4.70E-05	2	1796.940	8.09	Larva	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_40592	FLELTYR	AGAP003869-PA	-	41	0.000695176	1	941.509	-0.22	Head	2R:-:44706066-44706046	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_41121	WDELDEIDGAK	AGAP003869-PA	-	76	2.34E-07	1	1290.582	-1.91	Malpighian tubule	2R:-:44706612-44706580	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_41130	YNESTAGK	AGAP003869-PA	-	49	9.25E-05	2	869.400	-0.29	Salivary gland	2R:-:44714557-44714534	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_41864	GVIIAEAQNFAR	AGAP003869-PA	N9(Deamidated)	105	4.68E-10	2	1288.700	-0.31	Midgut	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_42291	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	99	2.21E-09	1	1653.791	0.54	Male reproductive organs	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_42916	GLVLGVYSSEGKDEVK	AGAP003869-PA	-	88	1.99E-08	1	1679.884	-0.84	Midgut	2R:-:44714626-44714579	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_43695	GVIIAEAQNFAR	AGAP003869-PA	-	92	8.32E-09	2	1288.707	4.62	Larva	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_44086	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	M9(Oxidation)	69	1.89E-06	1	2715.295	0.59	Salivary gland	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_44173	GSQDEQCVALVGK	AGAP003869-PA	C7(Carbamidomethyl)	81	9.84E-08	1	1390.664	0.58	Head	2R:-:44706045-44706007	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_45102	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	M9(Oxidation)	195	5.10E-19	1	2715.310	6.05	Larva	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA

JHU_Ag_46092	QTPLPAVSFAEDASGK	AGAP003869-PA	-	110	1.80E-10	1	1617.813	0.44	Malpighian tubule	2R:-:44706423-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_46235	GTPWLHVDIAGVMGDCSDQSYTGSK	AGAP003869-PA	M13(Oxidation), C16(Carbamidomethyl)	187	1.78E-18	1	2697.190	-0.89	Malpighian tubule	2R:-:44705298-44705224	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_46251	GGGSCTAAAFLR	AGAP003869-PA	C5(Carbamidomethyl)	60	1.20E-05	2	1167.558	-0.04	Pupa	2R:-:44705349-44705314	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_46478	FPAVAVAGLGDASK	AGAP003869-PA	-	80	1.42E-07	1	1302.707	0.98	Pupa	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_47612	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	111	8.45E-11	2	1796.925	-0.13	Midgut	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_48233	GTPWLHVDIAGVMGDCSDQSYTGSK	AGAP003869-PA	M13(Oxidation), C16(Carbamidomethyl)	68	1.54E-06	1	2697.200	2.92	Larva	2R:-:44705298-44705224	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_48241	FPAVAVAGLGDASK	AGAP003869-PA	-	79	2.11E-07	2	1302.707	1.36	Salivary gland	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_49026	LWETIHEAGSQTGDR	AGAP003869-PA	-	106	3.79E-10	1	1699.808	2.87	Larva	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_49078	FPAVAVAGLGDASKWDELDEIDGAK	AGAP003869-PA	-	178	3.03E-17	1	2574.272	-0.19	Midgut	2R:-:44706654-44706580	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_49354	GITFDSGGISLKPSANMDQMR	AGAP003869-PA	M20(Oxidation),M17(Oxidation),"N16(Deamidated), M17(Oxidation), M20(Oxidation)","M17(Oxidation), M20(Oxidation)","M17(Oxidation), Q19(Deamidated), M20(Oxidation)"	103	6.36E-10	1	2241.062	-1.02	Midgut	2R:-:44706006-44705944	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_51136	IAAAAGVR	AGAP003869-PA	-	46	8.32E-05	2	728.442	0.16	Male reproductive organs	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_51211	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	77	1.97E-07	2	1796.932	3.54	Pupa	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_51246	FLELTYR	AGAP003869-PA	-	48	0.000128786	2	941.512	3.39	Malpighian tubule	2R:-:44706066-44706046	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_51370	GVIIAEAQNFAR	AGAP003869-PA	-	66	3.33E-06	1	1288.702	0.93	Head	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_52229	YNESTAGK	AGAP003869-PA	-	56	1.69E-05	2	869.400	-0.36	Midgut	2R:-:44714557-44714534	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_52459	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation),M10(Oxidation),M3(Oxidation)	76	4.11E-07	1	2248.103	1.89	Head	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_53637	VALGDCVSGVFSSNNKLWETIHEAGSQTGDR	AGAP003869-PA	C6(Carbamidomethyl)	208	2.17E-20	1	3334.574	-0.46	Malpighian tubule	2R:-:44705529-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_54048	FLELTYR	AGAP003869-PA	-	39	0.000880671	2	941.509	0.35	Salivary gland	2R:-:44706066-44706046	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_55004	ADMGGAANVVSTILALAQLKAPVHVK	AGAP003869-PA	M3(Oxidation)	53	1.26E-05	1	2590.443	1.54	Midgut	2R:-:44705943-44705866	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_55938	GVIIAEAQNFAR	AGAP003869-PA	-	95	4.61E-09	1	1288.701	0.36	Malpighian tubule	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_56611	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	68	9.81E-07	2	1383.770	2.65	Midgut	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_58261	GGGSCTAAAFLREFVPK	AGAP003869-PA	C5(Carbamidomethyl)	55	4.28E-05	1	1767.885	0.4	Malpighian tubule	2R:-:44705349-44705299	exon=> In CDS Exon 5 of transcript AGAP003869-PA

JHU_Ag_58729	IAAAAGVR	AGAP003869-PA	-	51	4.02E-05	2	728.442	0.32	Malpighian tubule	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_59250	FILDIATLTGAIK	AGAP003869-PA	-	106	3.91E-11	2	1375.823	2.24	Visceras	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_59365	SICVDNTDAEGR	AGAP003869-PA	C3(Carbamidomethyl)	60	6.79E-06	2	1336.580	-0.06	Salivary gland	2R:-:44705784-44705749	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_59516	LGAANVEVVVHDEAWAK	AGAP003869-PA	-	89	1.72E-08	1	1807.934	0.16	Pupa	2R:-:44706174-44706124	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_59766	YNESTAGKLLEQINICGPVK	AGAP003869-PA	C16(Carbamidomethyl)	136	2.71E-13	1	2234.153	2.12	Malpighian tubule	2R:-:44714557-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_60021	SICVDNTDAEGR	AGAP003869-PA	C3(Carbamidomethyl)	69	7.70E-07	2	1336.580	0.03	Midgut	2R:-:44705784-44705749	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_60574	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation)	110	1.63E-10	1	2248.102	1.16	Ovary	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_60739	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	M9(Oxidation)	165	5.08E-16	1	2715.298	1.67	Head	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_61123	GITFDSGGISLKPSANMDQMR	AGAP003869-PA	M17(Oxidation), M20(Oxidation)	77	3.06E-07	1	2257.063	1.95	Salivary gland	2R:-:44706006-44705944	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_61642	KMGSFLSVTNGSNEPAR	AGAP003869-PA	M2(Oxidation),"M2(Oxidation), N10(Deamidated)"	116	4.42E-11	1	1794.884	2.25	Malpighian tubule	2R:-:44706117-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_61727	FLELTYR	AGAP003869-PA	-	44	0.000296955	2	941.513	3.85	Larva	2R:-:44706066-44706046	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_61820	IAAAAGVR	AGAP003869-PA	-	52	3.61E-05	1	728.441	-1.02	Ovary	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_61825	MGSFLSVTNGSNEPAR	AGAP003869-PA	M1(Oxidation), N9(Deamidated),M1(Oxidation)	78	1.90E-07	2	1683.765	0.42	Ovary	2R:-:44706114-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_61858	GLVLGVYSSEGKDEVK	AGAP003869-PA	-	86	2.85E-08	1	1679.882	-1.71	Pupa	2R:-:44714626-44714579	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_63672	LWETIHEAGSQTGDR	AGAP003869-PA	-	110	1.39E-10	1	1699.808	2.44	Head	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_63752	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	85	2.65E-08	1	1383.766	-0.7	Ovary	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_64492	FILDIATLTGAIK	AGAP003869-PA	-	101	1.17E-10	2	1375.823	2.15	Head	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_65162	LGAANVEVVVHDEAWAK	AGAP003869-PA	-	152	8.90E-15	1	1807.933	-0.23	Midgut	2R:-:44706174-44706124	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_65197	WDELDEIDGAK	AGAP003869-PA	-	75	2.69E-07	1	1290.588	2.25	Midgut	2R:-:44706612-44706580	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_65912	GKGGGSCTAAAFLR	AGAP003869-PA	C7(Carbamidomethyl)	103	9.48E-10	1	1352.674	0.25	Malpighian tubule	2R:-:44705355-44705314	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_66321	FLELTYR	AGAP003869-PA	-	49	0.000100947	2	941.509	0.15	Ovary	2R:-:44706066-44706046	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_66518	FPAVAVAGLGDASK	AGAP003869-PA	-	65	4.58E-06	1	1302.707	1.36	Head	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_66669	FLELTYR	AGAP003869-PA	-	49	9.25E-05	1	941.509	-0.43	Pupa	2R:-:44706066-44706046	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_67135	LGAANVEVVVHDEAWAK	AGAP003869-PA	-	59	1.88E-05	1	1807.934	0.16	Salivary gland	2R:-:44706174-44706124	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_67214	QTPLPAVSFAEDASGK	AGAP003869-PA	-	119	2.23E-11	1	1617.812	0.21	Ovary	2R:-:44706423-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA

JHU_Ag_69352	FPAVAVAGLGDASK	AGAP003869-PA	-	97	2.81E-09	1	1302.704	-1.17	Midgut	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_69933	MGSFLSVTNGSNEPAR	AGAP003869-PA	-	87	2.69E-08	2	1666.789	2.28	Head	2R:-:44706114-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_70346	FPAVAVAGLGDASK	AGAP003869-PA	-	105	4.83E-10	1	1302.705	0.04	Malpighian tubule	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_70554	LWETIHEAGSQTGDR	AGAP003869-PA	-	84	5.68E-08	1	1699.802	-0.93	Male reproductive organs	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_70587	GSQDEQCVALVGK	AGAP003869-PA	C7(Carbamidomethyl)	108	2.43E-10	1	1390.665	1.64	Malpighian tubule	2R:-:44706045-44706007	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_70961	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	53	9.09E-05	2	1653.800	5.93	Larva	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_71448	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	73	3.43E-07	2	1383.768	1.16	Pupa	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_71493	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	M9(Oxidation)	214	5.91E-21	1	2699.302	1.45	Malpighian tubule	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_72154	VLMETPANHMTPTIFADTVKQR	AGAP003869-PA	-	106	3.20E-10	1	2500.276	2.97	Malpighian tubule	2R:-:44706324-44706706,44705714-44706175	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_73344	IAEIAVEDMEHPQQAAEGATLANYKFQAFK	AGAP003869-PA	M9(Oxidation)	159	1.76E-15	1	3320.630	1.42	Malpighian tubule	2R:-:44706525-44706436	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_73810	GVIIAEAQNFAR	AGAP003869-PA	-	74	5.24E-07	1	1288.700	-0.4	Visceras	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_73972	LWETIHEAGSQTGDR	AGAP003869-PA	-	84	6.21E-08	1	1699.812	4.74	Ovary	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_74105	LGAANVEVVVHDEAWAK	AGAP003869-PA	-	100	1.35E-09	1	1807.931	-1.46	Malpighian tubule	2R:-:44706174-44706124	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_74231	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	M9(Oxidation)	199	2.11E-19	1	2715.298	1.74	Ovary	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_75198	FPAVAVAGLGDASK	AGAP003869-PA	-	105	4.62E-10	1	1302.705	-0.24	Ovary	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_76039	LWETIHEAGSQTGDR	AGAP003869-PA	-	77	3.34E-07	1	1699.807	2.18	Salivary gland	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_77109	EKQTPLPAVSFAEDASGK	AGAP003869-PA	-	105	4.91E-10	1	1874.953	1.8	Malpighian tubule	2R:-:44706429-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_77721	GSQDEQCVALVGK	AGAP003869-PA	C7(Carbamidomethyl)	99	1.81E-09	1	1390.664	0.67	Salivary gland	2R:-:44706045-44706007	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_79578	IFWELGKFPAVAVAGLGDASK	AGAP003869-PA	-	37	0.001162232	1	2176.187	3.05	Head	2R:-:44706675-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_79862	FILDIATLTGAIK	AGAP003869-PA	-	102	9.73E-11	2	1375.824	2.86	Salivary gland	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_80011	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation)	51	0.00013174	1	2248.104	2.3	Salivary gland	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_80226	GGGSCTAAAFLR	AGAP003869-PA	C5(Carbamidomethyl)	38	0.002118298	2	1167.557	-0.25	Ovary	2R:-:44705349-44705314	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_80234	HYSDQMCDHNGYDLNNLGK	AGAP003869-PA	M6(Oxidation), C7(Carbamidomethyl),"C7(Carbamidomethyl), N10(Deamidated)","M6(Oxidation), C7(Carbamidomethyl), N10(Deamidated)",C7(Carbamidomethyl)	82	1.15E-08	1	2297.918	-0.32	Midgut	2R:-:44705412-44705356	exon=> In CDS Exon 5 of transcript AGAP003869-PA

JHU_Ag_80499	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	128	2.93E-12	1	1653.793	1.5	Visceras	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_81157	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	51	5.79E-05	2	1383.766	-0.34	Male reproductive organs	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_81370	VALGDCVSGVFSSNNKLWETIHEAGSQTGDR	AGAP003869-PA	C6(Carbamidomethyl)	94	4.91E-09	1	3334.574	-0.46	Midgut	2R:-:44705529-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_81442	GKGGGSCTAAAFLR	AGAP003869-PA	C7(Carbamidomethyl)	109	1.86E-10	1	1352.673	-0.92	Midgut	2R:-:44705355-44705314	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_81882	FILDIATLTGAIK	AGAP003869-PA	-	97	2.07E-10	1	1375.828	5.88	Larva	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_82755	IFWELGKFPAVAVAGLGDASK	AGAP003869-PA	-	60	5.19E-06	1	2176.184	1.79	Midgut	2R:-:44706675-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_82849	FILDIATLTGAIK	AGAP003869-PA	-	104	5.78E-11	2	1375.821	0.73	Male reproductive organs	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_83012	ADMGGAANVVSTILALAQLK	AGAP003869-PA	M3(Oxidation),"M3(Oxidation), Q18(Deamidated)"	143	3.75E-14	1	1959.059	0.67	Malpighian tubule	2R:-:44705943-44705884	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_83077	TLVEFVTK	AGAP003869-PA	-	42	0.000234041	1	936.541	0.44	Pupa	2R:-:44705199-44705176	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_84182	IAEIAVEDMEHPQQAAEGATLANYK	AGAP003869-PA	-	120	1.64E-11	1	2699.302	1.38	Visceras	2R:-:44706525-44706451	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_84870	EKQTPLPAVSFAEDASGK	AGAP003869-PA	-	58	2.46E-05	3	1874.950	0.44	Pupa	2R:-:44706429-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_85552	WDELDEIDGAKENVR	AGAP003869-PA	-	110	1.43E-10	1	1788.841	0.56	Midgut	2R:-:44706612-44706568	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_87193	LWETIHEAGSQTGDR	AGAP003869-PA	-	107	3.18E-10	1	1699.802	-0.72	Midgut	2R:-:44705481-44705437	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_87763	GITFDSGGISLKPSANMDQMR	AGAP003869-PA	M17(Oxidation), M20(Oxidation)	116	4.63E-11	1	2257.069	4.54	Larva	2R:-:44706006-44705944	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_88218	GVIIAEAQNFAR	AGAP003869-PA	-	80	1.25E-07	1	1288.708	5.38	Male reproductive organs	2R:-:44706360-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_89224	IAAAAGVR	AGAP003869-PA	-	55	2.00E-05	2	728.439	-3.61	Salivary gland	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_90528	GGGSCTAAAFLR	AGAP003869-PA	C5(Carbamidomethyl)	71	1.11E-06	1	1167.560	2.05	Salivary gland	2R:-:44705349-44705314	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_91170	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl), N14(Deamidated),C6(Carbamidomethyl)	91	1.31E-08	1	1653.791	0.76	Midgut	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_91481	IFWELGKFPAVAVAGLGDASK	AGAP003869-PA	-	80	6.32E-08	1	2176.177	-1.5	Malpighian tubule	2R:-:44706675-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_91985	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	108	1.76E-10	1	1796.930	2.93	Head	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_92169	IFWELGK	AGAP003869-PA	-	33	0.005449077	1	892.494	1.75	Head	2R:-:44706675-44706655	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_92339	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation)	57	3.27E-05	1	2248.098	-0.55	Male reproductive organs	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA

JHU_Ag_92685	VLMETPANHMTPTIFADTVK	AGAP003869-PA	M3(Oxidation), M10(Oxidation),M10(Oxidation),M3(Oxidation),"M3(Oxidation), N8(Deamidated), M10(Oxidation)","N8(Deamidated), M10(Oxidation)"	94	6.01E-09	1	2216.109	0.03	Midgut	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_93905	LLEQINICGPVK	AGAP003869-PA	N6(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	87	1.44E-08	1	1383.768	1.16	Malpighian tubule	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_94115	GTPWLHVDIAGVMGDCSDQSYTGSK	AGAP003869-PA	M13(Oxidation), C16(Carbamidomethyl)	40	0.000881308	1	2697.200	2.78	Pupa	2R:-:44705298-44705224	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_94751	VLMETPANHMTPTIFADTVK	AGAP003869-PA	-	41	0.001286269	1	2216.110	0.61	Visceras	2R:-:44706324-44706706,44705714-44706181	exon=> In CDS Exon 4 and 3 of transcript AGAP003869-PA
JHU_Ag_95931	MGSFLSVTNGSNEPAR	AGAP003869-PA	M1(Oxidation), N9(Deamidated)	42	0.000656725	2	1683.763	-0.67	Pupa	2R:-:44706114-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_96277	SICVDNTDAEGR	AGAP003869-PA	C3(Carbamidomethyl)	75	2.15E-07	2	1336.580	0.03	Visceras	2R:-:44705784-44705749	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_97565	FILDIATLTGAIK	AGAP003869-PA	-	89	2.20E-09	1	1375.822	1.44	Pupa	2R:-:44705568-44705530	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_97865	ADMGGAANVVSTILALAQLK	AGAP003869-PA	M3(Oxidation)	141	5.95E-14	1	1959.066	4.1	Larva	2R:-:44705943-44705884	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_98304	HYSDQMCDHNGYDLNNLGK	AGAP003869-PA	M6(Oxidation), C7(Carbamidomethyl),"M6(Oxidation), C7(Carbamidomethyl), N10(Deamidated)",C7(Carbamidomethyl)	109	4.74E-11	1	2280.942	1.09	Malpighian tubule	2R:-:44705412-44705356	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_99109	MGSFLSVTNGSNEPAR	AGAP003869-PA	M1(Oxidation), N9(Deamidated),N9(Deamidated)	92	7.10E-09	2	1683.764	-0.38	Midgut	2R:-:44706114-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_99117	FLELTYR	AGAP003869-PA	-	45	0.000262476	2	941.509	-0.37	Midgut	2R:-:44706066-44706046	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_99701	QTPLPAVSFAEDASGK	AGAP003869-PA	-	68	2.95E-06	2	1617.813	0.59	Pupa	2R:-:44706423-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_99829	LGAANVEVVVHDEAWAK	AGAP003869-PA	-	65	4.40E-06	1	1807.941	4.21	Male reproductive organs	2R:-:44706174-44706124	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_100202	TLVEFVTK	AGAP003869-PA	-	54	1.33E-05	1	936.541	1.16	Malpighian tubule	2R:-:44705199-44705176	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_100353	MGSFLSVTNGSNEPAR	AGAP003869-PA	-	48	0.000237052	2	1666.790	2.65	Visceras	2R:-:44706114-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_101211	ADWDRGVIIAEAQNFAR	AGAP003869-PA	-	122	1.00E-11	1	1931.976	2.15	Malpighian tubule	2R:-:44706375-44706325	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_101723	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	109	1.41E-10	1	1796.928	1.57	Malpighian tubule	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_102075	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	81	5.12E-08	1	1383.771	3.1	Visceras	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_104750	GTPWLHVDIAGVMGDCSDQSYTGSK	AGAP003869-PA	C16(Carbamidomethyl),"M13(Oxidation), C16(Carbamidomethyl)"	122	6.07E-12	1	2697.192	-0.14	Midgut	2R:-:44705298-44705224	exon=> In CDS Exon 5 of transcript AGAP003869-PA

JHU_Ag_105168	IAAAAGVR	AGAP003869-PA	-	47	6.54E-05	2	728.441	-0.01	Visceras	2R:-:44706567-44706544	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_105884	TLVEFVTK	AGAP003869-PA	-	38	0.000907922	1	936.539	-0.78	Midgut	2R:-:44705199-44705176	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_106079	GFVPLCENMPSGTATKPGDVVYAMNGK	AGAP003869-PA	C6(Carbamidomethyl), M9(Oxidation), N25(Deamidated),"C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation), N25(Deamidated)",C6(Carbamidomethyl),"C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation)","C6(Carbamidomethyl), N25(Deamidated)","C6(Carbamidomethyl), M9(Oxidation)"	125	3.78E-12	1	2872.332	0.17	Malpighian tubule	2R:-:44705865-44705785	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_106512	ADMGGAANVVSTILALAQLK	AGAP003869-PA	M3(Oxidation),N8(Deamidated)	153	3.86E-15	1	1959.058	-0.01	Midgut	2R:-:44705943-44705884	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_108224	LILADALCYASTFNPK	AGAP003869-PA	C8(Carbamidomethyl)	104	4.06E-10	2	1796.929	2.25	Visceras	2R:-:44705748-44706238,44705161-44705569	exon=> In CDS Exon 5 and 4 of transcript AGAP003869-PA
JHU_Ag_108668	GFVPLCENMPSGTATKPGDVVYAMNGK	AGAP003869-PA	C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation),"C6(Carbamidomethyl), M9(Oxidation), M24(Oxidation), N25(Deamidated)"	115	3.67E-11	1	2872.335	1.13	Ovary	2R:-:44705865-44705785	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_108776	WDELDEIDGAKENVR	AGAP003869-PA	-	59	1.90E-05	1	1788.843	1.48	Malpighian tubule	2R:-:44706612-44706568	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_109041	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	144	7.09E-14	1	1653.791	0.32	Malpighian tubule	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_109608	VALGDCVSGVFSSNNK	AGAP003869-PA	C6(Carbamidomethyl)	103	7.55E-10	2	1653.793	1.42	Pupa	2R:-:44705529-44705482	exon=> In CDS Exon 5 of transcript AGAP003869-PA
JHU_Ag_110608	FPAVAVAGLGDASK	AGAP003869-PA	-	77	3.07E-07	2	1302.710	3.23	Larva	2R:-:44706654-44706613	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_110985	ADMGGAANVVSTILALAQLK	AGAP003869-PA	M3(Oxidation)	138	1.29E-13	1	1959.057	-0.77	Ovary	2R:-:44705943-44705884	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_111335	KMGSFLSVTNGSNEPAR	AGAP003869-PA	M2(Oxidation),"M2(Oxidation), N10(Deamidated)",N10(Deamidated)	122	1.14E-11	2	1795.864	-0.2	Midgut	2R:-:44706117-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_111382	LLEQINICGPVK	AGAP003869-PA	C8(Carbamidomethyl)	84	2.39E-08	1	1383.771	3.1	Salivary gland	2R:-:44714533-44714626,44706323-44706691	exon=> In CDS Exon 3 and 2 of transcript AGAP003869-PA
JHU_Ag_111858	FTPYAQKYNESTAGK	AGAP003869-PA	-	103	8.03E-10	1	1704.824	0.49	Malpighian tubule	2R:-:44714578-44714534	exon=> In CDS Exon 2 of transcript AGAP003869-PA
JHU_Ag_112645	MGSFLSVTNGSNEPAR	AGAP003869-PA	M1(Oxidation), N9(Deamidated),M1(Oxidation)	95	4.21E-09	1	1666.789	1.84	Malpighian tubule	2R:-:44706114-44706067	exon=> In CDS Exon 4 of transcript AGAP003869-PA
JHU_Ag_115293	GITFDSGGISLKPSANMDQMR	AGAP003869-PA	M17(Oxidation), M20(Oxidation)	119	1.79E-11	1	2257.060	0.65	Ovary	2R:-:44706006-44705944	exon=> In CDS Exon 4 of transcript AGAP003869-PA

JHU_Ag_117754	QTPLPAVSFAEDASGK	AGAP003869-PA	-	62	1.17E-05	2	1617.815	1.95	Head	2R:-:44706423-44706376	exon=> In CDS Exon 3 of transcript AGAP003869-PA
JHU_Ag_10079	IQSMLIR	AGAP003872-PA	-	33	0.004168771	2	860.506	4.07	Midgut	2R:+:44858890-44858910	exon=> In CDS Exon 9 of transcript AGAP003872-PA
JHU_Ag_107403	DCSVDIDECESNPCSK	AGAP003873-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	63	1.71E-07	2	1914.717	1.1	Head	2R:-:44870147-44870100	exon=> In CDS Exon 5 of transcript AGAP003873-PA
JHU_Ag_36717	GADNTVAIDLIVQHIR	AGAP003874-PA	-	94	2.12E-09	2	1734.958	4.76	Head	2R:-:44909757-44909790,44907303-44907391	exon=> In CDS Exon 6 and 5 of transcript AGAP003874-PA
JHU_Ag_92913	SDHSPHLATCGTSALNLANGR	AGAP003874-PA	C10(Carbamidomethyl)	80	1.32E-07	1	2179.034	1.37	Head	2R:-:44907366-44907304	exon=> In CDS Exon 6 of transcript AGAP003874-PA
JHU_Ag_21310	TPFLIGVAGGTASGK	AGAP003874-PA,AGAP003874-PB	-	44	0.000329327	2	1375.763	3.84	Salivary gland	2R:-:44910785-44910741;2R:-:44910785-44910741	exon=> In CDS Exon 1 of transcript AGAP003874-PA;exon=> In CDS Exon 1 of transcript AGAP003874-PB
JHU_Ag_31460	FADVVIPR	AGAP003874-PA,AGAP003874-PB	-	52	0.000117957	2	916.525	-0.53	Male reproductive organs	2R:-:44909781-44909758;2R:-:44909781-44909758	exon=> In CDS Exon 5 of transcript AGAP003874-PA;exon=> In CDS Exon 5 of transcript AGAP003874-PB
JHU_Ag_61028	TPFLIGVAGGTASGK	AGAP003874-PA,AGAP003874-PB	-	76	1.93E-07	2	1375.759	0.91	Head	2R:-:44910785-44910741;2R:-:44910785-44910741	exon=> In CDS Exon 1 of transcript AGAP003874-PA;exon=> In CDS Exon 1 of transcript AGAP003874-PB
JHU_Ag_71428	IMEQLGQADMDHTQR	AGAP003874-PA,AGAP003874-PB	M2(Oxidation), M10(Oxidation)	41	0.000828525	1	1804.800	2.82	Head	2R:-:44910528-44910484;2R:-:44910528-44910484	exon=> In CDS Exon 2 of transcript AGAP003874-PA;exon=> In CDS Exon 2 of transcript AGAP003874-PB
JHU_Ag_96261	QVVTISQDSFYR	AGAP003874-PA,AGAP003874-PB	-	57	2.66E-05	2	1442.728	0.34	Head	2R:-:44910483-44910546,44910050-44910354;2R:-:44910483-44910546,44910050-44910354	exon=> In CDS Exon 3 and 2 of transcript AGAP003874-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003874-PB
JHU_Ag_105973	TPFLIGVAGGTASGK	AGAP003874-PA,AGAP003874-PB	-	46	0.000185585	2	1375.765	5.08	Malpighian tubule	2R:-:44910785-44910741;2R:-:44910785-44910741	exon=> In CDS Exon 1 of transcript AGAP003874-PA;exon=> In CDS Exon 1 of transcript AGAP003874-PB
JHU_Ag_110698	KVEISEYDYR	AGAP003874-PA,AGAP003874-PB	-	51	0.000104241	1	1301.636	-1.12	Head	2R:-:44910236-44910207;2R:-:44910236-44910207	exon=> In CDS Exon 3 of transcript AGAP003874-PA;exon=> In CDS Exon 3 of transcript AGAP003874-PB
JHU_Ag_111779	FADVVIPR	AGAP003874-PA,AGAP003874-PB	-	55	5.89E-05	1	916.527	2.47	Malpighian tubule	2R:-:44909781-44909758;2R:-:44909781-44909758	exon=> In CDS Exon 5 of transcript AGAP003874-PA;exon=> In CDS Exon 5 of transcript AGAP003874-PB
JHU_Ag_89636	TIIEIK	AGAP003877-PA	-	35	0.001316604	1	716.458	4.36	Ovary	2R:-:45070600-45070583	exon=> In CDS Exon 2 of transcript AGAP003877-PA
JHU_Ag_4646	IETINFIELR	AGAP003878-PA	-	74	2.85E-07	2	1247.704	3.36	Larva	2R:+:45080104-45080133	exon=> In CDS Exon 2 of transcript AGAP003878-PA
JHU_Ag_11926	SNVLSALEDYTFR	AGAP003878-PA	-	90	1.51E-08	2	1514.764	10.46	Larva	2R:+:45079357-45079395	exon=> In CDS Exon 2 of transcript AGAP003878-PA
JHU_Ag_26570	LDLSYNQLK	AGAP003878-PA	-	45	0.000308914	2	1093.594	4.54	Larva	2R:+:45079633-45079659	exon=> In CDS Exon 2 of transcript AGAP003878-PA
JHU_Ag_50187	SNVLSALEDYTFR	AGAP003878-PA	-	77	2.65E-07	2	1514.754	3.69	Pupa	2R:+:45079357-45079395	exon=> In CDS Exon 2 of transcript AGAP003878-PA

JHU_Ag_67079	TFDFPDLK	AGAP003878-PA	-	41	0.000767761	1	982.491	2.76	Larva	2R:+:45079660-45079683	exon=> In CDS Exon 2 of transcript AGAP003878-PA
JHU_Ag_67235	SLIVAYNR	AGAP003878-PA	-	51	5.32E-05	2	935.535	3.93	Larva	2R:+:45080080-45080103	exon=> In CDS Exon 2 of transcript AGAP003878-PA
JHU_Ag_76587	IETINFIELR	AGAP003878-PA	-	66	1.67E-06	2	1247.702	1.79	Pupa	2R:+:45080104-45080133	exon=> In CDS Exon 2 of transcript AGAP003878-PA
JHU_Ag_3090	FMFGQADAAELTVAQLGEATK	AGAP003879-PA	M2(Oxidation)	172	1.04E-16	1	2214.086	4.93	Larva	2R:-:45083002-45082940	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_4608	TDGFLMVYEK	AGAP003879-PA	M6(Oxidation)	74	4.57E-07	2	1202.576	-0.02	Midgut	2R:-:45083032-45083003	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_8416	KIVFEEVQLQPFWPGADGVAPPNNR	AGAP003879-PA	-	87	1.32E-08	1	2808.468	7.57	Larva	2R:-:45082726-45082652	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_12954	TITVNAAE	AGAP003879-PA	-	46	0.000610911	1	818.427	2.33	Malpighian tubule	2R:-:45082498-45082475	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_14950	TDGFLMVYEK	AGAP003879-PA	-	64	4.47E-06	1	1202.579	1.91	Salivary gland	2R:-:45083032-45083003	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_17711	KIVFEEVQLQPFWPGADGVAPPNNR	AGAP003879-PA	-	45	0.000199154	1	2808.461	5.02	Pupa	2R:-:45082726-45082652	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_26424	FMFGQADAAELTVAQLGEATK	AGAP003879-PA	M2(Oxidation)	188	2.46E-18	1	2198.086	2.54	Malpighian tubule	2R:-:45083002-45082940	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_28302	TDGFLMVYEK	AGAP003879-PA	M6(Oxidation)	68	1.66E-06	2	1218.576	3.85	Larva	2R:-:45083032-45083003	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_33187	EHPNIVAIYTGK	AGAP003879-PA	-	63	5.77E-06	1	1341.718	1.05	Midgut	2R:-:45083152-45083117	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_34019	IVFEEVQLQPFWPGADGVAPPNNR	AGAP003879-PA	-	104	4.73E-10	1	2680.365	4.79	Malpighian tubule	2R:-:45082723-45082652	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_35505	VHVNQHFSYSCNQWEYYSYDLQK	AGAP003879-PA	C11(Carbamidomethyl)	81	5.47E-08	1	2995.317	2.14	Larva	2R:-:45082795-45082727	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_39967	SYLPSVEEPLSVLEGSNAQSVQLRPDGTLSER	AGAP003879-PA	-	49	0.000124074	3	3457.738	-1.82	Midgut	2R:-:45083350-45083255	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_42211	KSYLPSVEEPLSVLEGSNAQSVQLRPDGTLSER	AGAP003879-PA	-	65	2.63E-06	1	3585.841	0.5	Midgut	2R:-:45083353-45083255	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_43756	VHVNQHFSYSCNQWEYYSYDLQK	AGAP003879-PA	C11(Carbamidomethyl)	36	0.001682911	1	2995.316	1.87	Pupa	2R:-:45082795-45082727	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_47801	IVFEEVQLQPFWPGADGVAPPNNR	AGAP003879-PA	-	55	3.79E-05	2	2680.353	0.51	Midgut	2R:-:45082723-45082652	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_56640	VHVNQHFSYSCNQWEYYSYDLQK	AGAP003879-PA	C11(Carbamidomethyl)	110	7.08E-11	1	2995.315	1.41	Midgut	2R:-:45082795-45082727	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_59382	FMFGQADAAELTVAQLGEATK	AGAP003879-PA	M2(Oxidation)	139	1.71E-13	2	2198.093	6.09	Midgut	2R:-:45083002-45082940	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_69934	KIVFEEVQLQPFWPGADGVAPPNNR	AGAP003879-PA	-	69	7.84E-07	1	2808.465	6.46	Midgut	2R:-:45082726-45082652	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_95762	KIVFEEVQLQPFWPGADGVAPPNNR	AGAP003879-PA	-	95	2.53E-09	1	2808.456	3.07	Malpighian tubule	2R:-:45082726-45082652	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_108055	TDGFLMVYEK	AGAP003879-PA	-	64	4.75E-06	2	1202.577	0.29	Pupa	2R:-:45083032-45083003	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_109932	FMFGQADAAELTVAQLGEATK	AGAP003879-PA	M2(Oxidation)	72	9.12E-07	2	2214.079	1.95	Pupa	2R:-:45083002-45082940	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_111075	VHVNQHFSYSCNQWEYYSYDLQK	AGAP003879-PA	C11(Carbamidomethyl)	102	4.82E-10	1	2995.309	-0.61	Malpighian tubule	2R:-:45082795-45082727	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_112825	IVFEEVQLQPFWPGADGVAPPNNR	AGAP003879-PA	-	45	0.000322423	2	2680.373	7.89	Larva	2R:-:45082723-45082652	exon=> In CDS Exon 2 of transcript AGAP003879-PA
JHU_Ag_113800	TDGFLMVYEK	AGAP003879-PA	M6(Oxidation)	75	4.15E-07	2	1202.578	1.5	Malpighian tubule	2R:-:45083032-45083003	exon=> In CDS Exon 2 of transcript AGAP003879-PA

JHU_Ag_5594	KFQVPEEEIK	AGAP003882-PA,AGAP003882-PB	-	33	0.006832986	2	1246.678	8.46	Head	2R:+:45493813-45493842;2R:+:45493813-45493842	exon=> In CDS Exon 2 of transcript AGAP003882-PA;exon=> In CDS Exon 2 of transcript AGAP003882-PB
JHU_Ag_115307	MDDEVK	AGAP003882-PA,AGAP003882-PB	M1(Oxidation)	33	0.003198257	2	752.315	2.61	Head	2R:+:45493482-45493499;2R:+:45493482-45493499	exon=> In CDS Exon 1 of transcript AGAP003882-PA;exon=> In CDS Exon 1 of transcript AGAP003882-PB
JHU_Ag_7478	TVLAVGPAPNVAVDSVTGHLK	AGAP003883-PA	-	33	0.001480464	1	2045.143	1.94	Head	2R:-:45498248-45498186	exon=> In CDS Exon 2 of transcript AGAP003883-PA
JHU_Ag_19428	TVLAVGPAPNVAVDSVTGHLK	AGAP003883-PA	-	32	0.002038739	1	2045.140	0.69	Ovary	2R:-:45498248-45498186	exon=> In CDS Exon 2 of transcript AGAP003883-PA
JHU_Ag_65246	TVLAVGPAPNVAVDSVTGHLK	AGAP003883-PA	-	50	3.08E-05	1	2045.139	-0.12	Salivary gland	2R:-:45498248-45498186	exon=> In CDS Exon 2 of transcript AGAP003883-PA
JHU_Ag_97581	TVLAVGPAPNVAVDSVTGHLK	AGAP003883-PA	-	40	0.000271268	1	2045.141	0.87	Visceras	2R:-:45498248-45498186	exon=> In CDS Exon 2 of transcript AGAP003883-PA
JHU_Ag_28938	AVVDAVLHSWK	AGAP003884-PA,AGAP003884-PB	-	62	4.16E-06	1	1224.675	1.03	Salivary gland	2R:+:45500813-45500845;2R:+:45500813-45500845	exon=> In CDS Exon 2 of transcript AGAP003884-PA;exon=> In CDS Exon 4 of transcript AGAP003884-PB
JHU_Ag_32359	GVLNQLVR	AGAP003884-PA,AGAP003884-PB	-	24	0.008356696	2	898.554	7.41	Midgut	2R:+:45501676-45501699;2R:+:45501676-45501699	exon=> In CDS Exon 4 of transcript AGAP003884-PA;exon=> In CDS Exon 6 of transcript AGAP003884-PB
JHU_Ag_94629	ADSYYEYLLK	AGAP003884-PA,AGAP003884-PB	-	35	0.005385024	1	1264.608	-0.92	Midgut	2R:+:45501506-45501535;2R:+:45501506-45501535	exon=> In CDS Exon 3 of transcript AGAP003884-PA;exon=> In CDS Exon 5 of transcript AGAP003884-PB
JHU_Ag_3847	IEHVSVILPVSNDPLIVGNVSSR	AGAP003884-PB	-	41	0.00025065	1	2444.351	0	Salivary gland	2R:+:45499887-45499955	exon=> In CDS Exon 1 of transcript AGAP003884-PB
JHU_Ag_31522	AEGEVLALR	AGAP003886-PB,AGAP003886-PA	-	41	0.001097414	2	957.537	0.82	Malpighian tubule	2R:-:45545677-45545651;2R:-:45545677-45545651	exon=> In CDS Exon 5 of transcript AGAP003886-PB;exon=> In CDS Exon 5 of transcript AGAP003886-PA
JHU_Ag_23512	VPNELGSLDPLR	AGAP003887-PA,AGAP003887-PB	-	51	6.73E-05	2	1309.712	0.74	Head	2R:+:45594336-45594371;2R:+:45594336-45594371	exon=> In CDS Exon 5 of transcript AGAP003887-PA;exon=> In CDS Exon 5 of transcript AGAP003887-PB
JHU_Ag_28883	LLQTNEAVNDR	AGAP003887-PA,AGAP003887-PB	-	84	5.67E-08	1	1272.653	-0.74	Head	2R:+:45595360-45595392;2R:+:45595360-45595392	exon=> In CDS Exon 7 of transcript AGAP003887-PA;exon=> In CDS Exon 7 of transcript AGAP003887-PB
JHU_Ag_49417	LGVCPDER	AGAP003887-PA,AGAP003887-PB	C4(Carbamidomethyl)	42	0.00044873	2	945.446	0.4	Pupa	2R:+:45595170-45595193;2R:+:45595170-45595193	exon=> In CDS Exon 6 of transcript AGAP003887-PA;exon=> In CDS Exon 6 of transcript AGAP003887-PB
JHU_Ag_68913	HNFGHVYIPK	AGAP003887-PA,AGAP003887-PB	-	46	0.000283367	1	1211.631	-0.54	Pupa	2R:+:45594465-45594494;2R:+:45594465-45594494	exon=> In CDS Exon 5 of transcript AGAP003887-PA;exon=> In CDS Exon 5 of transcript AGAP003887-PB
JHU_Ag_86491	HNFGHVYIPK	AGAP003887-PA,AGAP003887-PB	-	32	0.006156103	1	1211.628	-3.26	Head	2R:+:45594465-45594494;2R:+:45594465-45594494	exon=> In CDS Exon 5 of transcript AGAP003887-PA;exon=> In CDS Exon 5 of transcript AGAP003887-PB
JHU_Ag_97602	LLQTNEAVNDR	AGAP003887-PA,AGAP003887-PB	-	91	1.30E-08	1	1272.653	-1.22	Pupa	2R:+:45595360-45595392;2R:+:45595360-45595392	exon=> In CDS Exon 7 of transcript AGAP003887-PA;exon=> In CDS Exon 7 of transcript AGAP003887-PB
JHU_Ag_114040	VPNELGSLDPLR	AGAP003887-PA,AGAP003887-PB	-	95	2.99E-09	1	1309.711	-0.1	Pupa	2R:+:45594336-45594371;2R:+:45594336-45594371	exon=> In CDS Exon 5 of transcript AGAP003887-PA;exon=> In CDS Exon 5 of transcript AGAP003887-PB
JHU_Ag_8273	LVQFVK	AGAP003890-PA	-	34	0.000971323	1	733.462	1.11	Ovary	2R:-:45611774-45611757	exon=> In CDS Exon 1 of transcript AGAP003890-PA
JHU_Ag_11843	TQLAELQEYFK	AGAP003891-PA	-	67	2.11E-06	2	1369.699	-0.78	Midgut	2R:-:45614980-45614948	exon=> In CDS Exon 1 of transcript AGAP003891-PA
JHU_Ag_14547	AAFLPLFLFCNYQPLNITR	AGAP003892-PA	C10(Carbamidomethyl)	70	8.72E-07	2	2298.212	0.66	Midgut	2R:+:45624222-45624278	exon=> In CDS Exon 7 of transcript AGAP003892-PA

JHU_Ag_61209	YLVWPVLLR	AGAP003892-PA	-	28	0.004055719	1	1158.707	3.37	Malpighian tubule	2R:+:45624195-45624221	exon=> In CDS Exon 7 of transcript AGAP003892-PA
JHU_Ag_112632	YLVWPVLLR	AGAP003892-PA	-	29	0.003542686	2	1158.704	0.63	Midgut	2R:+:45624195-45624221	exon=> In CDS Exon 7 of transcript AGAP003892-PA
JHU_Ag_15009	DCSIEMPILK	AGAP003893-PB	C2(Carbamidomethyl), M6(Oxidation)	61	9.11E-06	1	1221.585	-0.25	Ovary	2R:-:45639596-45639567	exon=> In CDS Exon 1 of transcript AGAP003893-PB
JHU_Ag_15693	IGSAVALR	AGAP003893-PB	-	40	0.001285006	2	786.485	2.64	Head	2R:-:45638961-45638938	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_16377	DAPNLLCTPHAAFYSEAATTELR	AGAP003893-PB	C7(Carbamidomethyl)	148	2.45E-14	1	2548.215	0.29	Ovary	2R:-:45637534-45637466	exon=> In CDS Exon 5 of transcript AGAP003893-PB
JHU_Ag_18474	DVATVAFCDAQSTSEIHEK	AGAP003893-PB	C8(Carbamidomethyl)	48	0.000174657	1	2107.957	-1.5	Male reproductive organs	2R:-:45639566-45639510	exon=> In CDS Exon 1 of transcript AGAP003893-PB
JHU_Ag_19656	IGSGVDNIDVK	AGAP003893-PB	-	72	9.89E-07	2	1116.588	-1.48	Pupa	2R:-:45639314-45639282	exon=> In CDS Exon 2 of transcript AGAP003893-PB
JHU_Ag_21670	AAGELGIAVCNVPGYGVEEVADTTMCLILNLYR	AGAP003893-PB	C10(Carbamidomethyl), M25(Oxidation), C26(Carbamidomethyl)	40	0.001158258	1	3584.751	2.17	Ovary	2R:-:45639281-45639183	exon=> In CDS Exon 2 of transcript AGAP003893-PB
JHU_Ag_26403	DVATVAFCDAQSTSEIHEK	AGAP003893-PB	C8(Carbamidomethyl)	95	3.46E-09	1	2107.958	-1.07	Ovary	2R:-:45639566-45639510	exon=> In CDS Exon 1 of transcript AGAP003893-PB
JHU_Ag_27097	IGSAVALR	AGAP003893-PB	-	68	2.18E-06	2	786.484	1.24	Pupa	2R:-:45638961-45638938	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_28314	IRGDTLGLVGLGR	AGAP003893-PB	-	93	2.05E-09	1	1326.787	1.04	Malpighian tubule	2R:-:45639000-45638962	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_31238	AIIGNIPECLR	AGAP003893-PB	C9(Carbamidomethyl)	49	0.000124488	2	1255.683	-0.19	Midgut	2R:-:45637438-45637406	exon=> In CDS Exon 5 of transcript AGAP003893-PB
JHU_Ag_38880	VFGFNVSFYDPYLPDGIEK	AGAP003893-PB	-	86	3.60E-08	1	2207.072	0.88	Ovary	2R:-:45638931-45638875	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_40368	GGLVDDEALAVALKQGR	AGAP003893-PB	-	84	2.87E-08	2	1711.935	0.6	Malpighian tubule	2R:-:45638609-45638559	exon=> In CDS Exon 4 of transcript AGAP003893-PB
JHU_Ag_41078	AAALDVHENEPYNVFQGALK	AGAP003893-PB	-	54	5.25E-05	1	2186.094	2.76	Malpighian tubule	2R:-:45638552-45638645,45637339-45637535	exon=> In CDS Exon 5 and 4 of transcript AGAP003893-PB
JHU_Ag_44339	IRGDTLGLVGLGR	AGAP003893-PB	-	72	2.44E-07	1	1326.787	1.59	Ovary	2R:-:45639000-45638962	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_47936	AAALDVHENEPYNVFQGALK	AGAP003893-PB	-	74	4.49E-07	1	2186.099	5.36	Head	2R:-:45638552-45638645,45637339-45637535	exon=> In CDS Exon 5 and 4 of transcript AGAP003893-PB
JHU_Ag_49539	FTGPEQVR	AGAP003893-PB	-	47	0.000356944	2	933.478	-0.56	Ovary	2R:-:45639140-45639117	exon=> In CDS Exon 2 of transcript AGAP003893-PB
JHU_Ag_54155	AIIGNIPECLR	AGAP003893-PB	C9(Carbamidomethyl)	51	6.09E-05	1	1255.681	-1.46	Ovary	2R:-:45637438-45637406	exon=> In CDS Exon 5 of transcript AGAP003893-PB
JHU_Ag_64870	AIIGNIPECLR	AGAP003893-PB	C9(Carbamidomethyl)	51	6.10E-05	1	1255.683	0.49	Male reproductive organs	2R:-:45637438-45637406	exon=> In CDS Exon 5 of transcript AGAP003893-PB
JHU_Ag_74750	GGLVDDEALAVALK	AGAP003893-PB	-	70	8.64E-07	2	1370.754	0.85	Male reproductive organs	2R:-:45638609-45638568	exon=> In CDS Exon 4 of transcript AGAP003893-PB
JHU_Ag_75387	IGSAVALR	AGAP003893-PB	-	56	3.11E-05	2	786.484	0.7	Ovary	2R:-:45638961-45638938	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_76184	AIIGNIPECLR	AGAP003893-PB	C9(Carbamidomethyl)	49	9.78E-05	2	1255.687	3.21	Malpighian tubule	2R:-:45637438-45637406	exon=> In CDS Exon 5 of transcript AGAP003893-PB
JHU_Ag_79823	KFTGPEQVR	AGAP003893-PB	-	39	0.001806179	2	1061.574	0.03	Ovary	2R:-:45639143-45639117	exon=> In CDS Exon 2 of transcript AGAP003893-PB
JHU_Ag_87687	GGLVDDEALAVALK	AGAP003893-PB	-	80	1.06E-07	1	1370.757	3.35	Pupa	2R:-:45638609-45638568	exon=> In CDS Exon 4 of transcript AGAP003893-PB
JHU_Ag_90509	GGLVDDEALAVALK	AGAP003893-PB	-	65	3.34E-06	2	1370.753	0.14	Midgut	2R:-:45638609-45638568	exon=> In CDS Exon 4 of transcript AGAP003893-PB

JHU_Ag_91282	NCVNKEYFLR	AGAP003893-PB	C2(Carbamidomethyl)	35	0.004164606	1	1342.656	-1.03	Malpighian tubule	2R:-:45637405-45637376	exon=> In CDS Exon 5 of transcript AGAP003893-PB
JHU_Ag_92381	GGLVDDEALAVALK	AGAP003893-PB	-	44	0.000364142	2	1370.753	0.59	Head	2R:-:45638609-45638568	exon=> In CDS Exon 4 of transcript AGAP003893-PB
JHU_Ag_93262	TYWLANMVR	AGAP003893-PB	M7(Oxidation)	42	0.000631357	2	1169.584	5.39	Malpighian tubule	2R:-:45639179-45639153	exon=> In CDS Exon 2 of transcript AGAP003893-PB
JHU_Ag_93571	GGLVDDEALAVALK	AGAP003893-PB	-	109	1.31E-10	1	1370.754	0.68	Ovary	2R:-:45638609-45638568	exon=> In CDS Exon 4 of transcript AGAP003893-PB
JHU_Ag_95894	QMRPGAFLVNTAR	AGAP003893-PB	M2(Oxidation)	41	0.001099237	1	1476.774	0.23	Ovary	2R:-:45638754-45639012,45638505-45638610	exon=> In CDS Exon 4 and 3 of transcript AGAP003893-PB
JHU_Ag_99827	IGSAVALR	AGAP003893-PB	-	59	1.74E-05	2	786.484	0.7	Malpighian tubule	2R:-:45638961-45638938	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_106870	GPISNGPMQSRPLVALLDGR	AGAP003893-PB	M8(Oxidation)	102	5.00E-10	1	2094.119	2.9	Ovary	2R:-:45639656-45639597	exon=> In CDS Exon 1 of transcript AGAP003893-PB
JHU_Ag_109401	IGSGVDNIDVK	AGAP003893-PB	-	80	1.75E-07	1	1116.589	-0.39	Ovary	2R:-:45639314-45639282	exon=> In CDS Exon 2 of transcript AGAP003893-PB
JHU_Ag_110762	IRGDTLGLVGLGR	AGAP003893-PB	-	35	0.001258299	2	1326.787	1.04	Male reproductive organs	2R:-:45639000-45638962	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_111631	GDTLGLVGLGR	AGAP003893-PB	-	90	1.26E-08	1	1057.600	0.16	Ovary	2R:-:45638994-45638962	exon=> In CDS Exon 3 of transcript AGAP003893-PB
JHU_Ag_113067	IGSGVDNIDVK	AGAP003893-PB	-	51	0.000141531	2	1116.588	-1.37	Malpighian tubule	2R:-:45639314-45639282	exon=> In CDS Exon 2 of transcript AGAP003893-PB
JHU_Ag_52226	FGLLNTEYFLDK	AGAP003895-PA	-	74	5.94E-07	1	1459.751	2.55	Male reproductive organs	2R:-:45681486-45681739,45681261-45681372	exon=> In CDS Exon 4 and 3 of transcript AGAP003895-PA
JHU_Ag_79241	ILFTTSVPSEK	AGAP003895-PA	-	37	0.001667278	1	1221.674	1.16	Male reproductive organs	2R:-:45682089-45682057	exon=> In CDS Exon 2 of transcript AGAP003895-PA
JHU_Ag_82038	AYYGAAYIGR	AGAP003895-PA	-	60	1.81E-05	2	1104.547	-0.33	Male reproductive organs	2R:-:45679601-45679572	exon=> In CDS Exon 5 of transcript AGAP003895-PA
JHU_Ag_89191	LMKTVR	AGAP003895-PA	M2(Oxidation)	43	0.000589418	2	763.446	-4.64	Salivary gland	2R:-:45681504-45681487	exon=> In CDS Exon 3 of transcript AGAP003895-PA
JHU_Ag_107866	AIEQLESSIK	AGAP003898-PA	-	34	0.004926179	2	1117.612	2.01	Ovary	2R:+:45700754-45700783	exon=> In CDS Exon 3 of transcript AGAP003898-PA
JHU_Ag_102894	REEAQEAISALNNVIPQGGNQPLIVR	AGAP003899-PA,AGAP003899-PB	-	65	1.67E-06	1	2816.509	2.5	Head	2R:-:45711670-45711593;2R:-:45711670-45711593	exon=> In CDS Exon 5 of transcript AGAP003899-PA;exon=> In CDS Exon 4 of transcript AGAP003899-PB
JHU_Ag_1150	LRNFLLGR	AGAP003900-PA	-	50	2.26E-05	1	988.606	1.15	Visceras	2R:+:45717571-45717591,45717696-45717698	exon=> In CDS Exon 1 and 2 of transcript AGAP003900-PA
JHU_Ag_1159	NFLLGR	AGAP003900-PA	-	39	0.001072118	2	719.421	1.25	Malpighian tubule	2R:+:45717577-45717591,45717696-45717698	exon=> In CDS Exon 1 and 2 of transcript AGAP003900-PA
JHU_Ag_2319	FEDGIAAR	AGAP003900-PA	-	54	7.67E-05	2	878.437	0.05	Head	2R:+:45717720-45717743	exon=> In CDS Exon 2 of transcript AGAP003900-PA
JHU_Ag_3264	EVAPPIDLTTQK	AGAP003900-PA	-	63	4.27E-06	1	1311.717	0.82	Ovary	2R:+:45717904-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_9473	EVAPPIDLTTQK	AGAP003900-PA	-	50	9.74E-05	2	1311.710	-4.11	Midgut	2R:+:45717904-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_13122	TQPPPNLPDGPAHK	AGAP003900-PA	-	56	3.65E-05	1	1468.758	2.62	Malpighian tubule	2R:+:45717744-45717784,45717864	exon=> In CDS Exon 2 and 3 of transcript AGAP003900-PA
JHU_Ag_23212	REVAPPIDLTTQK	AGAP003900-PA	-	65	1.37E-06	2	1467.821	2.95	Head	2R:+:45717901-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA

JHU_Ag_25334	FEDGIAAR	AGAP003900-PA	-	49	0.000200742	2	878.436	-0.92	Midgut	2R:+:45717720-45717743	exon=> In CDS Exon 2 of transcript AGAP003900-PA
JHU_Ag_29332	REVAPPIDLTTQK	AGAP003900-PA	-	79	6.97E-08	1	1467.813	-2.54	Midgut	2R:+:45717901-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_38863	NFLLGR	AGAP003900-PA	-	44	0.000368335	2	719.421	1.42	Visceras	2R:+:45717577-45717591,45717696-45717698	exon=> In CDS Exon 1 and 2 of transcript AGAP003900-PA
JHU_Ag_49235	LSANHYVIR	AGAP003900-PA	-	48	0.000250805	1	1072.593	2.6	Malpighian tubule	2R:+:45717865-45717891	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_57079	LSANHYVIR	AGAP003900-PA	-	76	4.55E-07	2	1072.589	-0.51	Head	2R:+:45717865-45717891	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_57912	EVAPPIDLTTQK	AGAP003900-PA	-	59	1.16E-05	1	1311.720	3.3	Visceras	2R:+:45717904-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_59099	EVAPPIDLTTQKLLAEK	AGAP003900-PA	-	52	2.03E-05	1	1866.061	1.59	Malpighian tubule	2R:+:45717904-45717954	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_66246	FEDGIAAR	AGAP003900-PA	-	46	0.000412908	1	878.438	1.51	Ovary	2R:+:45717720-45717743	exon=> In CDS Exon 2 of transcript AGAP003900-PA
JHU_Ag_72480	EVAPPIDLTTQK	AGAP003900-PA	-	61	6.34E-06	2	1311.718	1.66	Head	2R:+:45717904-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_74190	REVAPPIDLTTQK	AGAP003900-PA	-	78	8.55E-08	1	1467.819	1.87	Visceras	2R:+:45717901-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_76180	NFLLGR	AGAP003900-PA	-	37	0.0015309	1	719.420	0.51	Head	2R:+:45717577-45717591,45717696-45717698	exon=> In CDS Exon 1 and 2 of transcript AGAP003900-PA
JHU_Ag_77547	FEDGIAAR	AGAP003900-PA	-	40	0.001742861	2	878.439	2.97	Malpighian tubule	2R:+:45717720-45717743	exon=> In CDS Exon 2 of transcript AGAP003900-PA
JHU_Ag_88057	FEDGIAAR	AGAP003900-PA	-	56	4.26E-05	1	878.437	0.12	Visceras	2R:+:45717720-45717743	exon=> In CDS Exon 2 of transcript AGAP003900-PA
JHU_Ag_90008	TQPPPNLPDGPAHK	AGAP003900-PA	-	51	0.000125261	1	1468.754	-0.37	Head	2R:+:45717744-45717784,45717864-45717864	exon=> In CDS Exon 2 and 3 of transcript AGAP003900-PA
JHU_Ag_95085	LRNFLLGR	AGAP003900-PA	-	54	8.16E-06	1	988.607	2.14	Malpighian tubule	2R:+:45717571-45717591,45717696-45717698	exon=> In CDS Exon 1 and 2 of transcript AGAP003900-PA
JHU_Ag_95866	LSANHYVIR	AGAP003900-PA	-	57	2.83E-05	1	1072.592	1.88	Visceras	2R:+:45717865-45717891	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_100180	LRNFLLGR	AGAP003900-PA	-	49	2.53E-05	1	988.606	0.72	Head	2R:+:45717571-45717591,45717696-45717698	exon=> In CDS Exon 1 and 2 of transcript AGAP003900-PA
JHU_Ag_101383	QHTNALRFEDGIAAR	AGAP003900-PA	-	34	0.005163442	1	1698.868	0.45	Malpighian tubule	2R:+:45717699-45717743	exon=> In CDS Exon 2 of transcript AGAP003900-PA
JHU_Ag_101828	EVAPPIDLTTQK	AGAP003900-PA	-	52	5.47E-05	2	1311.717	1.1	Malpighian tubule	2R:+:45717904-45717939	exon=> In CDS Exon 3 of transcript AGAP003900-PA
JHU_Ag_113567	NFLLGR	AGAP003900-PA	-	37	0.001668178	2	719.422	2.78	Midgut	2R:+:45717577-45717591,45717696-45717698	exon=> In CDS Exon 1 and 2 of transcript AGAP003900-PA
JHU_Ag_22805	NVEALVLK	AGAP003902-PA	N1(Deamidated)	31	0.008365002	1	886.518	-6.8	Ovary	2R:-:45766905-45766882	exon=> In CDS Exon 2 of transcript AGAP003902-PA
JHU_Ag_15096	QFLSSDNIDTEPDVLHVTAK	AGAP003903-PA	-	45	0.000458066	1	2229.111	3.43	Head	2R:+:45768880-45768939	exon=> In CDS Exon 1 of transcript AGAP003903-PA
JHU_Ag_22282	TVTAFATAEEYDLDR	AGAP003903-PA	-	117	2.34E-11	2	1701.795	-0.87	Midgut	2R:+:45768793-45768837	exon=> In CDS Exon 1 of transcript AGAP003903-PA
JHU_Ag_63724	TVTAFATAEEYDLDRLLR	AGAP003903-PA	-	36	0.003212073	1	2084.077	5.1	Malpighian tubule	2R:+:45768793-45768846	exon=> In CDS Exon 1 of transcript AGAP003903-PA
JHU_Ag_101158	LGIWEASLER	AGAP003903-PA	-	54	6.77E-05	2	1173.626	-0.66	Male reproductive organs	2R:+:45769222-45769251	exon=> In CDS Exon 1 of transcript AGAP003903-PA

JHU_Ag_117089	TVTAFATAEEYDLDR	AGAP003903-PA	-	45	0.000363075	2	1701.799	1.14	Head	2R:+:45768793-45768837	exon=> In CDS Exon 1 of transcript AGAP003903-PA
JHU_Ag_6289	DPVVAQFAEYSSQGK	AGAP003904-PA,AGAP003904-PB	-	125	4.10E-12	1	1625.779	-0.87	Midgut	2R:+:45773766-45773810;2R:+:45773766-45773810	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_30589	RPPIEGASLGNVCVLR	AGAP003904-PA,AGAP003904-PB	C13(Carbamidomethyl)	63	3.55E-06	2	1737.944	0.62	Head	2R:+:45772980-45773027;2R:+:45772980-45773027	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_41477	TYVVIGGGPSGATCAETLR	AGAP003904-PA,AGAP003904-PB	C14(Carbamidomethyl)	116	3.74E-11	1	1908.949	0.22	Midgut	2R:+:45772659-45772715;2R:+:45772659-45772715	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_44571	LDGATHELTLDNGYK	AGAP003904-PA,AGAP003904-PB	-	64	6.65E-06	1	1646.808	3.75	Midgut	2R:+:45772890-45772934;2R:+:45772890-45772934	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_50930	VLHKEDLTPNPLSWVPA	AGAP003904-PA,AGAP003904-PB	-	38	0.001445578	1	1916.031	1.81	Midgut	2R:+:45773811-45773861;2R:+:45773811-45773861	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_61831	RPPIEGASLGNVCVLR	AGAP003904-PA,AGAP003904-PB	C13(Carbamidomethyl)	46	0.000197287	1	1737.945	1.38	Malpighian tubule	2R:+:45772980-45773027;2R:+:45772980-45773027	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_89851	AVPFFWTVLFGK	AGAP003904-PA,AGAP003904-PB	-	58	1.22E-05	2	1411.777	-0.14	Midgut	2R:+:45773601-45773636;2R:+:45773601-45773636	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_92816	GAVPLKESFGDAIGQR	AGAP003904-PA,AGAP003904-PB	-	109	1.59E-10	1	1644.869	-1.01	Midgut	2R:+:45773166-45773213;2R:+:45773166-45773213	exon=> In CDS Exon 2 of transcript AGAP003904-PA;exon=> In CDS Exon 2 of transcript AGAP003904-PB
JHU_Ag_9230	LVSPAPPVLVPPGAAGPR	AGAP003914-PA,AGAP003914-PB	-	36	0.000593018	1	1694.998	1.35	Ovary	2R:-:46113413-46113360;2R:-:46113413-46113360	exon=> In CDS Exon 3 of transcript AGAP003914-PA;exon=> In CDS Exon 9 of transcript AGAP003914-PB
JHU_Ag_17743	DLTNHIVEFSQDQHGSR	AGAP003914-PA,AGAP003914-PB	-	114	5.77E-11	1	1982.928	-1.88	Head	2R:-:46109767-46109717;2R:-:46109767-46109717	exon=> In CDS Exon 4 of transcript AGAP003914-PA;exon=> In CDS Exon 10 of transcript AGAP003914-PB
JHU_Ag_5265	GVEPIEFSPR	AGAP003919-PA	-	39	0.001828484	2	1130.586	1.66	Malpighian tubule	2R:-:46265738-46265709	exon=> In CDS Exon 2 of transcript AGAP003919-PA
JHU_Ag_7523	GVEPIEFSPR	AGAP003919-PA	-	55	5.14E-05	1	1130.585	0.47	Ovary	2R:-:46265738-46265709	exon=> In CDS Exon 2 of transcript AGAP003919-PA
JHU_Ag_25338	TNHPHYAFFLK	AGAP003919-PA	-	75	5.94E-07	1	1374.694	-0.7	Head	2R:-:46266061-46266029	exon=> In CDS Exon 1 of transcript AGAP003919-PA
JHU_Ag_29580	TNHPHYAFFLK	AGAP003919-PA	-	70	1.73E-06	1	1374.697	1.43	Ovary	2R:-:46266061-46266029	exon=> In CDS Exon 1 of transcript AGAP003919-PA
JHU_Ag_32947	NNNSVGVYEFESDFIK	AGAP003919-PA	-	78	1.99E-07	1	1861.856	-2.47	Midgut	2R:-:46265618-46265571	exon=> In CDS Exon 2 of transcript AGAP003919-PA
JHU_Ag_34993	TIVAFDCRGVEPIEFSPR	AGAP003919-PA	C7(Carbamidomethyl)	73	6.96E-07	1	2093.055	3.24	Malpighian tubule	2R:-:46265762-46265709	exon=> In CDS Exon 2 of transcript AGAP003919-PA
JHU_Ag_43952	ATLENIETLK	AGAP003919-PA	-	51	0.000104907	2	1131.626	-0.08	Male reproductive organs	2R:-:46266091-46266062	exon=> In CDS Exon 1 of transcript AGAP003919-PA
JHU_Ag_61291	ATLENIETLK	AGAP003919-PA	-	56	3.45E-05	1	1131.626	0.24	Ovary	2R:-:46266091-46266062	exon=> In CDS Exon 1 of transcript AGAP003919-PA
JHU_Ag_85199	NNNSVGVYEFESDFIK	AGAP003919-PA	-	126	3.55E-12	1	1861.865	2.39	Ovary	2R:-:46265618-46265571	exon=> In CDS Exon 2 of transcript AGAP003919-PA
JHU_Ag_85220	NNNSVGVYEFESDFIK	AGAP003919-PA	-	67	2.92E-06	2	1861.867	3.44	Head	2R:-:46265618-46265571	exon=> In CDS Exon 2 of transcript AGAP003919-PA
JHU_Ag_90504	TNHPHYAFFLK	AGAP003919-PA	-	68	2.83E-06	1	1374.697	1.37	Malpighian tubule	2R:-:46266061-46266029	exon=> In CDS Exon 1 of transcript AGAP003919-PA

JHU_Ag_65314	VVRLIK	AGAP003921-PA	-	20	0.007064 77	1	727.519	-0.01	Midgut	2R:-:46279099-46279082	exon=> In CDS Exon 4 of transcript AGAP003921-PA
JHU_Ag_74881	VVRLIK	AGAP003921-PA	-	19	0.008224 283	1	727.521	2.85	Ovary	2R:-:46279099-46279082	exon=> In CDS Exon 4 of transcript AGAP003921-PA
JHU_Ag_93128	DAVAGPDPSDTITDQTAK	AGAP003921-PA	-	67	2.52E-06	1	1801.854	4.96	Head	2R:-:46269047-46268994	exon=> In CDS Exon 12 of transcript AGAP003921-PA
JHU_Ag_2815	IVQQVQDLQLQQHQQQQQK	AGAP003924-PA	-	70	8.92E-07	1	2345.238	2.62	Head	2R:-:46301629-46301573	exon=> In CDS Exon 8 of transcript AGAP003924-PA
JHU_Ag_859	IAIVSDTNEVVLHNVGNTLESICLR	AGAP003926-PA	C23(Carbamidomethyl)	65	2.59E-06	1	2766.439	-2.42	Midgut	2R:+:46362119-46362193	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_15001	FLTGFVGEMFDLAGNVGR	AGAP003926-PA	M9(Oxidation)	147	3.12E-14	1	1929.951	-1.04	Midgut	2R:+:46363904-46363957	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_39020	YHNQEVTTQDITSR	AGAP003926-PA	-	116	4.14E-11	1	1691.800	0.94	Midgut	2R:+:46363451-46363492	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_41059	LAFPCFDEPGFK	AGAP003926-PA	C5(Carbamidomethyl)	43	0.000518 439	2	1427.666	-0.03	Midgut	2R:+:46362437-46362472	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_52561	RIPMAVATTHFQPSYAR	AGAP003926-PA	-	61	1.24E-05	1	1946.004	-1.3	Midgut	2R:+:46362386-46362436	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_53955	LLNLIVHEVTDRR	AGAP003926-PA	-	31	0.002373 07	2	1577.908	-2.63	Midgut	2R:+:46364360-46364398	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_54693	SWVDKPGYPVVTVER	AGAP003926-PA	-	74	4.45E-07	1	1731.908	0.93	Midgut	2R:+:46363370-46363414	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_61508	TLLQSQALDVAYDWWSR	AGAP003926-PA	-	41	0.001338 223	1	2052.025	3.24	Midgut	2R:+:46363958-46364008	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_63984	QSNEPSVLLLALER	AGAP003926-PA	Q1(Deamidated), N3(Deamidated)	97	1.39E-09	2	1568.863	-0.71	Midgut	2R:+:46364162-46364203	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_72084	IPMAVATTHFQPSYAR	AGAP003926-PA	M3(Oxidation)	109	1.72E-10	1	1789.907	0.73	Midgut	2R:+:46362389-46362436	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_79156	LFAVLESLIK	AGAP003926-PA	-	76	2.54E-08	2	1132.698	0.11	Midgut	2R:+:46364237-46364266	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_82831	LIDDAFVLAR	AGAP003926-PA	-	85	2.79E-08	2	1132.634	-2.26	Midgut	2R:+:46363730-46363759	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_83900	DTPTVEQMFR	AGAP003926-PA	M8(Oxidation)	44	0.000452 456	2	1239.567	-0.73	Midgut	2R:+:46363340-46363369	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_88903	AANLLTPGK	AGAP003926-PA	-	33	0.003577 206	1	884.520	-0.44	Midgut	2R:+:46364210-46364236	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_110655	LAASFIESK	AGAP003926-PA	-	37	0.001848 093	2	965.530	-0.39	Midgut	2R:+:46364009-46364035	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_116007	RADDQVITLTIVFHNTLGEDR	AGAP003926-PA	-	117	2.34E-11	1	2413.246	-0.39	Midgut	2R:+:46362287-46362349	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_116364	NSSILPANFLPHASTVMTSTISWR	AGAP003926-PA	M17(Oxidation)	35	0.004577 312	1	2646.334	-0.23	Midgut	2R:+:46364432-46364503	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_117725	NGVVTPEDLYASFSVQQQR	AGAP003926-PA	N1(Deamidated)	105	5.37E-10	1	2139.042	3.23	Midgut	2R:+:46363283-46363339	exon=> In CDS Exon 1 of transcript AGAP003926-PA
JHU_Ag_11588	SGDGNGNAGMVEKR	AGAP003927-PA	N5(Deamidated), N7(Deamidated)	30	0.005615 542	2	1393.604	1.87	Head	2R:+:46365975-46366016	exon=> In CDS Exon 1 of transcript AGAP003927-PA
JHU_Ag_93861	GLTHAYWAPNFWALYNTADK	AGAP003928-PA	-	60	1.47E-05	1	2339.130	2.23	Salivary gland	2R:-:46367371-46367312	exon=> In CDS Exon 3 of transcript AGAP003928-PA
JHU_Ag_117796	NWLAITHSLPLSR	AGAP003928-PA	-	70	3.29E-07	2	1507.850	8.2	Salivary gland	2R:-:46368137-46368099	exon=> In CDS Exon 2 of transcript AGAP003928-PA
JHU_Ag_14158	ELPELTLDDENGFGEGALGR	AGAP003933-PA	-	75	4.89E-07	2	2132.014	0.05	Head	2R:+:46513270-46513329	exon=> In CDS Exon 1 of transcript AGAP003933-PA
JHU_Ag_40250	LQEEANGDDEDGGNGGEVESEDDNAVER	AGAP003933-PA	-	65	4.24E-07	2	2949.179	1.59	Head	2R:+:46513354-46513437	exon=> In CDS Exon 1 of transcript AGAP003933-PA
JHU_Ag_43767	VASPQPVGGAGYGR	AGAP003933-PA	-	38	0.002309 515	2	1315.676	0.15	Head	2R:+:46515318-46515359	exon=> In CDS Exon 2 of transcript AGAP003933-PA

JHU_Ag_70876	NYIQETIQSSTIHSNALPGEGIHIIYDK	AGAP003933-PA	-	32	0.006111757	1	3141.595	3.02	Head	2R:+:46515069-46515152	exon=> In CDS Exon 2 of transcript AGAP003933-PA
JHU_Ag_341	YGYEIPVDVLCR	AGAP003935-PA	C11(Carbamidomethyl)	77	2.71E-07	1	1483.729	2.71	Visceras	2R:+:46544349-46544384	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_6425	YGYEIPVDVLCR	AGAP003935-PA	C11(Carbamidomethyl)	52	8.12E-05	2	1483.724	-0.99	Midgut	2R:+:46544349-46544384	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_6724	AINQEGLTSIALK	AGAP003935-PA	-	97	1.65E-09	2	1357.771	1.78	Midgut	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_11786	LIDPATVTHLYR	AGAP003935-PA	-	34	0.003084531	1	1398.774	-0.3	Male reproductive organs	2R:+:46544214-46544249	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_13528	TLTEDEIEVHLTAIAEKD	AGAP003935-PA	-	36	0.003663356	1	2027.026	3.96	Visceras	2R:+:46544721-46544774	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_19219	YKYGYEIPVDVLCR	AGAP003935-PA	C13(Carbamidomethyl)	49	0.000218719	1	1774.887	2.01	Malpighian tubule	2R:+:46544343-46544384	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_21843	GKDCAVVATQK	AGAP003935-PA	C4(Carbamidomethyl)	49	0.000207806	2	1176.604	0.09	Visceras	2R:+:46544166-46544198	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_22311	EIGCVMTGR	AGAP003935-PA	C4(Carbamidomethyl), M6(Oxidation)	37	0.001399892	2	1038.469	-2.11	Midgut	2R:+:46544259-46544285	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_28126	AINQEGLTSIALK	AGAP003935-PA	-	56	2.17E-05	1	1357.772	2.14	Pupa	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_29000	AINQEGLTSIALK	AGAP003935-PA	-	77	1.65E-07	2	1357.771	1.51	Visceras	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_30991	HITIFSPEGR	AGAP003935-PA	-	65	2.95E-06	1	1156.613	1.5	Ovary	2R:+:46543981-46544010	exon=> In CDS Exon 1 of transcript AGAP003935-PA
JHU_Ag_39383	TDPAGYYCGYHAISVGVK	AGAP003935-PA	C8(Carbamidomethyl)	58	1.86E-05	1	1957.914	1.3	Malpighian tubule	2R:+:46544496-46544549	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_40106	TDPAGYYCGYHAISVGVK	AGAP003935-PA	C8(Carbamidomethyl)	42	0.000834029	2	1957.911	-0.01	Male reproductive organs	2R:+:46544496-46544549	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_40627	AINQEGLTSIALK	AGAP003935-PA	-	77	1.55E-07	2	1357.768	-0.55	Head	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_40718	AINQEGLTSIALK	AGAP003935-PA	-	83	4.32E-08	2	1357.769	-0.01	Malpighian tubule	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_40789	TLTEDEIEVHLTAIAEKD	AGAP003935-PA	-	128	2.46E-12	1	2027.019	0.54	Ovary	2R:+:46544721-46544774	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_46413	AINQEGLTSIALK	AGAP003935-PA	-	105	2.62E-10	1	1357.768	-0.28	Ovary	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_48762	LIDPATVTHLYR	AGAP003935-PA	-	48	0.000129247	2	1398.776	1.1	Visceras	2R:+:46544214-46544249	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_50955	QTEANSYLEK	AGAP003935-PA	-	47	0.000240032	1	1182.564	-0.08	Ovary	2R:+:46544550-46544579	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_51112	GKDCAVVATQK	AGAP003935-PA	C4(Carbamidomethyl)	60	1.61E-05	1	1176.605	0.4	Malpighian tubule	2R:+:46544166-46544198	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_53594	HITIFSPEGR	AGAP003935-PA	-	65	2.66E-06	1	1156.611	-0.29	Male reproductive organs	2R:+:46543981-46544010	exon=> In CDS Exon 1 of transcript AGAP003935-PA
JHU_Ag_59514	AINQEGLTSIALK	AGAP003935-PA	-	78	1.30E-07	2	1357.772	2.68	Salivary gland	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_64212	LIDPATVTHLYR	AGAP003935-PA	-	65	2.32E-06	1	1398.772	-1.43	Head	2R:+:46544214-46544249	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_72454	LIDPATVTHLYR	AGAP003935-PA	-	65	2.76E-06	2	1398.774	0.14	Midgut	2R:+:46544214-46544249	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_72500	ARYEAANWR	AGAP003935-PA	-	60	1.70E-05	1	1136.560	0.33	Malpighian tubule	2R:+:46544316-46544342	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_73266	DCAVVATQK	AGAP003935-PA	C2(Carbamidomethyl)	45	0.000531715	2	991.486	-1.33	Head	2R:+:46544172-46544198	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_75414	EIGCVMTGR	AGAP003935-PA	C4(Carbamidomethyl), M6(Oxidation)	42	0.000594034	2	1038.471	-0.11	Ovary	2R:+:46544259-46544285	exon=> In CDS Exon 2 of transcript AGAP003935-PA

JHU_Ag_77527	LYQVEYAFK	AGAP003935-PA	-	56	5.05E-05	2	1160.602	2.75	Salivary gland	2R:+:46544011-46544023,46544113-46544126	exon=> In CDS Exon 1 and 2 of transcript AGAP003935-PA
JHU_Ag_78290	HITIFSPEGR	AGAP003935-PA	-	65	2.84E-06	1	1156.612	0.45	Head	2R:+:46543981-46544010	exon=> In CDS Exon 1 of transcript AGAP003935-PA
JHU_Ag_78928	LYQVEYAFK	AGAP003935-PA	-	64	6.92E-06	1	1160.600	1.17	Ovary	2R:+:46544011-46544023,46544113-46544126	exon=> In CDS Exon 1 and 2 of transcript AGAP003935-PA
JHU_Ag_80404	HITIFSPEGR	AGAP003935-PA	-	52	5.15E-05	1	1156.611	-0.19	Midgut	2R:+:46543981-46544010	exon=> In CDS Exon 1 of transcript AGAP003935-PA
JHU_Ag_82798	LYQVEYAFK	AGAP003935-PA	-	53	9.62E-05	2	1160.601	1.59	Male reproductive organs	2R:+:46544011-46544023,46544113-46544126	exon=> In CDS Exon 1 and 2 of transcript AGAP003935-PA
JHU_Ag_83043	YGYEIPVDVLCR	AGAP003935-PA	C11(Carbamidomethyl)	62	8.73E-06	2	1483.729	2.63	Head	2R:+:46544349-46544384	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_90243	LYQVEYAFK	AGAP003935-PA	-	34	0.007342058	1	1160.599	0.08	Head	2R:+:46544011-46544023,46544113-46544126	exon=> In CDS Exon 1 and 2 of transcript AGAP003935-PA
JHU_Ag_97272	LIDPATVTHLYR	AGAP003935-PA	-	53	3.92E-05	2	1398.777	2.41	Pupa	2R:+:46544214-46544249	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_99057	HITIFSPEGR	AGAP003935-PA	-	52	5.23E-05	1	1156.612	0.87	Salivary gland	2R:+:46543981-46544010	exon=> In CDS Exon 1 of transcript AGAP003935-PA
JHU_Ag_99908	LIDPATVTHLYR	AGAP003935-PA	-	97	1.65E-09	1	1398.776	1.45	Ovary	2R:+:46544214-46544249	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_101542	YGYEIPVDVLCR	AGAP003935-PA	C11(Carbamidomethyl)	38	0.002220495	2	1483.728	1.81	Pupa	2R:+:46544349-46544384	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_102174	TDPAGYYCGYHAISVGVK	AGAP003935-PA	C8(Carbamidomethyl)	110	1.23E-10	1	1957.909	-1.13	Ovary	2R:+:46544496-46544549	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_106064	GKDCAVVATQK	AGAP003935-PA	C4(Carbamidomethyl)	45	0.000469259	2	1176.603	-0.64	Midgut	2R:+:46544166-46544198	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_110343	TLTEDEIEVHLTAIAEKD	AGAP003935-PA	-	87	2.64E-08	1	2027.025	3.33	Malpighian tubule	2R:+:46544721-46544774	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_111730	HITIFSPEGR	AGAP003935-PA	-	58	1.42E-05	2	1156.611	-0.08	Pupa	2R:+:46543981-46544010	exon=> In CDS Exon 1 of transcript AGAP003935-PA
JHU_Ag_114241	YGYEIPVDVLCR	AGAP003935-PA	C11(Carbamidomethyl)	46	0.00038224	1	1483.725	0.25	Ovary	2R:+:46544349-46544384	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_114508	YKYGYEIPVDVLCR	AGAP003935-PA	C13(Carbamidomethyl)	48	0.000244842	1	1774.887	2.01	Midgut	2R:+:46544343-46544384	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_115100	GKDCAVVATQK	AGAP003935-PA	C4(Carbamidomethyl)	85	4.65E-08	1	1176.604	0.09	Male reproductive organs	2R:+:46544166-46544198	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_115315	AINQEGLTSIALK	AGAP003935-PA	-	88	1.16E-08	1	1357.769	0.53	Male reproductive organs	2R:+:46544127-46544165	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_115721	ARYEAANWR	AGAP003935-PA	-	51	0.000123074	1	1136.558	-1.61	Male reproductive organs	2R:+:46544316-46544342	exon=> In CDS Exon 2 of transcript AGAP003935-PA
JHU_Ag_11515	ALAKPK	AGAP003936-PA	N-Term(Acetyl)	24	0.004976722	1	669.430	0.39	Malpighian tubule	2R:-:46545315-46545298	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_13710	HCNMVLENVK	AGAP003936-PA	C2(Carbamidomethyl), M4(Oxidation)	48	0.00016454	2	1259.582	-4.13	Head	2R:-:46545138-46545109	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_19432	HCNMVLENVK	AGAP003936-PA	C2(Carbamidomethyl), M4(Oxidation)	62	7.25E-06	1	1259.588	0.42	Ovary	2R:-:46545138-46545109	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_24436	QEEEEFNTGPLSVLTQSVK	AGAP003936-PA	-	83	9.11E-08	2	2135.050	-0.35	Head	2R:-:46545267-46545211	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_56307	SELTPEELAR	AGAP003936-PA	-	55	4.56E-05	1	1144.587	2.47	Ovary	2R:-:46545297-46545268	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_63866	GDSVILVLR	AGAP003936-PA	-	67	1.47E-06	2	971.588	0.03	Male reproductive organs	2R:-:46545015-46544989	exon=> In CDS Exon 2 of transcript AGAP003936-PA

JHU_Ag_69272	GDSVILVLR	AGAP003936-PA	-	60	6.94E-06	2	971.590	1.6	Ovary	2R:-:46545015-46544989	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_76148	NNTQVLINCR	AGAP003936-PA	C9(Carbamidomethyl)	72	1.05E-06	1	1231.622	0.63	Ovary	2R:-:46545210-46545181	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_85759	QEEEEFNTGPLSVLTQSVK	AGAP003936-PA	-	130	1.69E-12	1	2135.052	0.91	Ovary	2R:-:46545267-46545211	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_99853	NNTQVLINCR	AGAP003936-PA	C9(Carbamidomethyl)	57	3.44E-05	2	1231.624	2.11	Visceras	2R:-:46545210-46545181	exon=> In CDS Exon 2 of transcript AGAP003936-PA
JHU_Ag_35608	FLIPNQVSEGSPAQK	AGAP003937-PA	-	35	0.003628427	2	1614.849	0.46	Visceras	2R:-:46549370-46549326	exon=> In CDS Exon 1 of transcript AGAP003937-PA
JHU_Ag_43512	VAPEGGDQQPLGSDGADAK	AGAP003937-PA	-	104	5.36E-10	1	1811.844	1.63	Head	2R:-:46549526-46549470	exon=> In CDS Exon 1 of transcript AGAP003937-PA
JHU_Ag_29904	FAGNEQEPAADVTNKPAPQPK	AGAP003937-PA,AGAP003937-PB,AGAP003937-PC	-	41	0.001088967	1	2209.098	4.08	Head	2R:-:46547693-46547631;2R:-:46547693-46547631;2R:-:46547693-46547631	exon=> In CDS Exon 2 of transcript AGAP003937-PA;exon=> In CDS Exon 4 of transcript AGAP003937-PB;exon=> In CDS Exon 3 of transcript AGAP003937-PC
JHU_Ag_19241	NDERENWTQPPER	AGAP003937-PB,AGAP003937-PC,AGAP003937-PA	-	47	0.000230041	1	1670.753	0.8	Visceras	2R:-:46547630-46547757,46547001-46547400;2R:-:46547630-46547757,46547001-46547400;2R:-:46547630-46547757,46547001-46547400	exon=> In CDS Exon 5 and 4 of transcript AGAP003937-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP003937-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP003937-PA
JHU_Ag_33694	EGEEDEEEPKPAPKPK	AGAP003937-PB,AGAP003937-PC,AGAP003937-PA	-	63	7.94E-06	1	1808.858	1.51	Visceras	2R:-:46547207-46547160;2R:-:46547207-46547160;2R:-:46547207-46547160	exon=> In CDS Exon 5 of transcript AGAP003937-PB;exon=> In CDS Exon 4 of transcript AGAP003937-PC;exon=> In CDS Exon 3 of transcript AGAP003937-PA
JHU_Ag_64185	DAPHQQLIANIR	AGAP003937-PB,AGAP003937-PC,AGAP003937-PA	-	74	4.03E-07	1	1375.748	3.06	Visceras	2R:-:46547333-46547298;2R:-:46547333-46547298;2R:-:46547333-46547298	exon=> In CDS Exon 5 of transcript AGAP003937-PB;exon=> In CDS Exon 4 of transcript AGAP003937-PC;exon=> In CDS Exon 3 of transcript AGAP003937-PA
JHU_Ag_105451	FAGNEQEPAADVTNKPAPQPK	AGAP003937-PB,AGAP003937-PC,AGAP003937-PA	-	103	7.23E-10	1	2209.091	1.09	Visceras	2R:-:46547693-46547631;2R:-:46547693-46547631;2R:-:46547693-46547631	exon=> In CDS Exon 4 of transcript AGAP003937-PB;exon=> In CDS Exon 3 of transcript AGAP003937-PC;exon=> In CDS Exon 2 of transcript AGAP003937-PA
JHU_Ag_709	ITGGADFEMPITVFQVSEGSPAQK	AGAP003937-PB,AGAP003937-PC,AGAP003937-PD	-	87	3.11E-08	2	2509.239	4.29	Visceras	2R:-:46550758-46550826,46549201-46549326;2R:-:46550758-46550863,46549201-46549326;2R:-:46550758-46550863,46549201-46549326	exon=> In CDS Exon 3 and 2 of transcript AGAP003937-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP003937-PC;exon=> In CDS Exon 2 and 1 of transcript AGAP003937-PD

JHU_Ag_16960	DGPAASENGDNPLGFR	AGAP003937-PB,AGAP003937-PC,AGAP003937-PD	N8(Deamidated),N11(Deamidated)	128	1.42E-12	1	1617.718	2.41	Visceras	2R:-:46550806-46550759;2R:-:46550806-46550759;2R:-:46550806-46550759	exon=> In CDS Exon 2 of transcript AGAP003937-PB;exon=> In CDS Exon 1 of transcript AGAP003937-PC;exon=> In CDS Exon 1 of transcript AGAP003937-PD
JHU_Ag_24019	LATAQSVIK	AGAP003937-PB,AGAP003937-PC,AGAP003937-PD,AGAP003937-PA	-	47	0.000119612	2	930.563	0.76	Visceras	2R:-:46549262-46549236;2R:-:46549262-46549236;2R:-:46549262-46549236;2R:-:46549262-46549236	exon=> In CDS Exon 3 of transcript AGAP003937-PB;exon=> In CDS Exon 2 of transcript AGAP003937-PC;exon=> In CDS Exon 2 of transcript AGAP003937-PD;exon=> In CDS Exon 1 of transcript AGAP003937-PA
JHU_Ag_91088	AGLQLGDQILK	AGAP003937-PB,AGAP003937-PC,AGAP003937-PD,AGAP003937-PA	-	52	3.03E-05	2	1155.674	0.95	Visceras	2R:-:46549325-46549293;2R:-:46549325-46549293;2R:-:46549325-46549293;2R:-:46549325-46549293	exon=> In CDS Exon 3 of transcript AGAP003937-PB;exon=> In CDS Exon 2 of transcript AGAP003937-PC;exon=> In CDS Exon 2 of transcript AGAP003937-PD;exon=> In CDS Exon 1 of transcript AGAP003937-PA
JHU_Ag_26607	NPDKWNGVWPWNDR	AGAP003938-PA	-	82	8.01E-08	1	1783.833	1.84	Visceras	2R:-:46555673-46555747,46555531-46555548	exon=> In CDS Exon 4 and 3 of transcript AGAP003938-PA
JHU_Ag_55558	RAEEEQFFATFEAEQK	AGAP003938-PA	-	111	9.21E-11	1	1959.907	-0.94	Visceras	2R:-:46555215-46555168	exon=> In CDS Exon 5 of transcript AGAP003938-PA
JHU_Ag_73098	ESNCYLVPSVAEETR	AGAP003938-PA	C4(Carbamidomethyl)	76	3.35E-07	2	1753.808	1.25	Visceras	2R:-:46555392-46555348	exon=> In CDS Exon 5 of transcript AGAP003938-PA
JHU_Ag_54029	INDANADKLTLAQAQELIAESGR	AGAP003938-PA,AGAP003938-PB	-	128	1.68E-12	1	2441.266	1.19	Visceras	2R:-:46556209-46556141;2R:-:46556209-46556141	exon=> In CDS Exon 1 of transcript AGAP003938-PA;exon=> In CDS Exon 1 of transcript AGAP003938-PB
JHU_Ag_66634	LTLAQAQELIAESGR	AGAP003938-PA,AGAP003938-PB	-	127	1.63E-12	1	1599.875	3.14	Visceras	2R:-:46556185-46556141;2R:-:46556185-46556141	exon=> In CDS Exon 1 of transcript AGAP003938-PA;exon=> In CDS Exon 1 of transcript AGAP003938-PB
JHU_Ag_71338	LTLAQAQELIAESGR	AGAP003938-PA,AGAP003938-PB	-	81	6.54E-08	2	1599.876	3.75	Head	2R:-:46556185-46556141;2R:-:46556185-46556141	exon=> In CDS Exon 1 of transcript AGAP003938-PA;exon=> In CDS Exon 1 of transcript AGAP003938-PB
JHU_Ag_13194	SGIELRPEMVVAEEDVRK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA	M9(Oxidation)	39	0.001482983	3	2073.065	0.09	Visceras	2R:-:46559312-46559259;2R:-:46559312-46559259;2R:-:46559312-46559259	exon=> In CDS Exon 9 of transcript AGAP003939-PB;exon=> In CDS Exon 9 of transcript AGAP003939-PD;exon=> In CDS Exon 8 of transcript AGAP003939-PA
JHU_Ag_48779	AVSAFGPLTPQERPIYLPGGR	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA	-	72	3.45E-07	1	2226.207	1.58	Visceras	2R:-:46560525-46560463;2R:-:46560525-46560463;2R:-:46560525-46560463	exon=> In CDS Exon 8 of transcript AGAP003939-PB;exon=> In CDS Exon 8 of transcript AGAP003939-PD;exon=> In CDS Exon 7 of transcript AGAP003939-PA

JHU_Ag_60718	AVSAFGPLTPQERPIYLPGGR	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA	-	51	4.20E-05	1	2226.211	3.6	Head	2R:-:46560525-46560463;2R:-:46560525-46560463;2R:-:46560525-46560463	exon=> In CDS Exon 8 of transcript AGAP003939-PB;exon=> In CDS Exon 8 of transcript AGAP003939-PD;exon=> In CDS Exon 7 of transcript AGAP003939-PA
JHU_Ag_62095	SGIELRPEMVVAEEDVR	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA	-	58	2.36E-05	1	1928.978	1.79	Visceras	2R:-:46559312-46559262;2R:-:46559312-46559262;2R:-:46559312-46559262	exon=> In CDS Exon 9 of transcript AGAP003939-PB;exon=> In CDS Exon 9 of transcript AGAP003939-PD;exon=> In CDS Exon 8 of transcript AGAP003939-PA
JHU_Ag_67871	KAVSAFGPLTPQERPIYLPGGR	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA	-	79	3.72E-08	1	2354.304	2.45	Visceras	2R:-:46560528-46560463;2R:-:46560528-46560463;2R:-:46560528-46560463	exon=> In CDS Exon 8 of transcript AGAP003939-PB;exon=> In CDS Exon 8 of transcript AGAP003939-PD;exon=> In CDS Exon 7 of transcript AGAP003939-PA
JHU_Ag_79734	DAFNEQFIAEVISSQAELIQGTTLGVNFLK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA	-	66	2.22E-06	3	3282.700	3.17	Visceras	2R:-:46560444-46560621,46559196-46559394;2R:-:46560444-46560621,46559259-46559394;2R:-:46560444-46560621,46559196-46559394	exon=> In CDS Exon 9 and 8 of transcript AGAP003939-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP003939-PD;exon=> In CDS Exon 8 and 7 of transcript AGAP003939-PA
JHU_Ag_656	YDNTTPFGFK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	65	4.45E-06	1	1189.554	1.3	Visceras	2R:-:46564759-46564730;2R:-:46564759-46564730;2R:-:46564759-46564730	exon=> In CDS Exon 1 of transcript AGAP003939-PB;exon=> In CDS Exon 1 of transcript AGAP003939-PD;exon=> In CDS Exon 1 of transcript AGAP003939-PA;exon=> In CDS Exon 1 of transcript AGAP003939-PC
JHU_Ag_5083	TPSGEVEYINTSPKPFWTPNVGSPSPLAVHHPAKEEPR	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	33	0.003994422	1	4153.079	0.34	Visceras	2R:-:46563746-46563633;2R:-:46563746-46563633;2R:-:46563746-46563633	exon=> In CDS Exon 3 of transcript AGAP003939-PB;exon=> In CDS Exon 3 of transcript AGAP003939-PD;exon=> In CDS Exon 3 of transcript AGAP003939-PA;exon=> In CDS Exon 3 of transcript AGAP003939-PC
JHU_Ag_50703	VLDLNFSR	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	54	5.16E-05	1	963.527	0.84	Visceras	2R:-:46564783-46564760;2R:-:46564783-46564760;2R:-:46564783-46564760	exon=> In CDS Exon 1 of transcript AGAP003939-PB;exon=> In CDS Exon 1 of transcript AGAP003939-PD;exon=> In CDS Exon 1 of transcript AGAP003939-PA;exon=> In CDS Exon 1 of transcript AGAP003939-PC

JHU_Ag_51813	QLEALSALPNTIQATIAALTEQLAVLAAPK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	24	0.002793174	1	3059.750	4.84	Visceras	2R:-:46562614-46562525;2R:-:46562614-46562525;2R:-:46562614-46562525;2R:-:46562614-46562525	exon=> In CDS Exon 6 of transcript AGAP003939-PB;exon=> In CDS Exon 6 of transcript AGAP003939-PD;exon=> In CDS Exon 5 of transcript AGAP003939-PA;exon=> In CDS Exon 6 of transcript AGAP003939-PC
JHU_Ag_54572	QEVEVETIK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	41	0.001885552	1	1074.569	1.49	Visceras	2R:-:46562908-46562882;2R:-:46562908-46562882;2R:-:46562908-46562882;2R:-:46562908-46562882	exon=> In CDS Exon 5 of transcript AGAP003939-PB;exon=> In CDS Exon 5 of transcript AGAP003939-PD;exon=> In CDS Exon 5 of transcript AGAP003939-PA;exon=> In CDS Exon 5 of transcript AGAP003939-PC
JHU_Ag_69274	QHNVIGVNFNK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	65	4.38E-06	1	1269.673	2.56	Visceras	2R:-:46563536-46563789,46563141-46563387;2R:-:46563536-46563789,46563141-46563387;2R:-:46563536-46563789,46563141-46563387	exon=> In CDS Exon 4 and 3 of transcript AGAP003939-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP003939-PD;exon=> In CDS Exon 4 and 3 of transcript AGAP003939-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003939-PC
JHU_Ag_70433	TLNSELVQSEEEDKK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	57	3.24E-05	2	1748.858	1.86	Visceras	2R:-:46563341-46563297;2R:-:46563341-46563297;2R:-:46563341-46563297;2R:-:46563341-46563297	exon=> In CDS Exon 4 of transcript AGAP003939-PB;exon=> In CDS Exon 4 of transcript AGAP003939-PD;exon=> In CDS Exon 4 of transcript AGAP003939-PA;exon=> In CDS Exon 4 of transcript AGAP003939-PC
JHU_Ag_97088	ILPGSIAEDVGMHMGDVVVR	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	M12(Oxidation), M14(Oxidation)	85	4.13E-08	1	2095.073	2.39	Visceras	2R:-:46564057-46563998;2R:-:46564057-46563998;2R:-:46564057-46563998;2R:-:46564057-46563998	exon=> In CDS Exon 2 of transcript AGAP003939-PB;exon=> In CDS Exon 2 of transcript AGAP003939-PD;exon=> In CDS Exon 2 of transcript AGAP003939-PA;exon=> In CDS Exon 2 of transcript AGAP003939-PC
JHU_Ag_111420	LVGGADFDVPLTVVK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	97	1.63E-09	1	1529.861	2.16	Visceras	2R:-:46564729-46564685;2R:-:46564729-46564685;2R:-:46564729-46564685;2R:-:46564729-46564685	exon=> In CDS Exon 1 of transcript AGAP003939-PB;exon=> In CDS Exon 1 of transcript AGAP003939-PD;exon=> In CDS Exon 1 of transcript AGAP003939-PA;exon=> In CDS Exon 1 of transcript AGAP003939-PC

JHU_Ag_112791	WTTFLQKPSRPPPK	AGAP003939-PB,AGAP003939-PD,AGAP003939-PA,AGAP003939-PC	-	65	1.46E-06	1	1682.939	0.52	Visceras	2R:-:46563296-46563255;2R:-:46563296-46563255;2R:-:46563296-46563255;2R:-:46563296-46563255	exon=> In CDS Exon 4 of transcript AGAP003939-PB;exon=> In CDS Exon 4 of transcript AGAP003939-PD;exon=> In CDS Exon 4 of transcript AGAP003939-PA;exon=> In CDS Exon 4 of transcript AGAP003939-PC
JHU_Ag_44045	IYVDEEEEVEYVTIPLR	AGAP003939-PC	-	87	2.84E-08	1	2096.046	1.41	Visceras	2R:-:46561304-46561254	exon=> In CDS Exon 8 of transcript AGAP003939-PC
JHU_Ag_57961	YQTIEWAIVSQR	AGAP003939-PC	-	87	2.94E-08	1	1493.778	1.85	Visceras	2R:-:46561346-46561311	exon=> In CDS Exon 8 of transcript AGAP003939-PC
JHU_Ag_1257	SPHALASSSSSSNIQSSVPPSIQPR	AGAP003944-PA	-	38	0.002167334	3	2521.267	0.99	Head	2R:+:46681987-46682061	exon=> In CDS Exon 10 of transcript AGAP003944-PA
JHU_Ag_6494	RLVLAIR	AGAP003944-PA	-	29	0.001236638	2	840.579	1.06	Head	2R:+:46673998-46674018	exon=> In CDS Exon 5 of transcript AGAP003944-PA
JHU_Ag_12779	HTVQLVEIVK	AGAP003944-PA	-	41	0.000199055	2	1165.692	-1.64	Head	2R:+:46670467-46670478,46670559-46670576	exon=> In CDS Exon 3 and 4 of transcript AGAP003944-PA
JHU_Ag_29005	TAANNPSTTSSTLGQHLLSATPSTLQYQSVVAQLAQSHR	AGAP003944-PA	-	72	3.48E-07	1	4066.073	3.49	Head	2R:+:46682062-46682178	exon=> In CDS Exon 10 of transcript AGAP003944-PA
JHU_Ag_31182	SAALQQQQQQQLGSTISHR	AGAP003944-PA	-	48	0.000188941	1	2109.084	2	Head	2R:+:46681813-46681869	exon=> In CDS Exon 10 of transcript AGAP003944-PA
JHU_Ag_65034	RPGQTLGLYIR	AGAP003944-PA	-	49	6.91E-05	1	1273.737	-0.75	Head	2R:+:46670577-46670609	exon=> In CDS Exon 4 of transcript AGAP003944-PA
JHU_Ag_65564	AVELTPEHVPDINVITGVLK	AGAP003944-PA	-	65	9.11E-07	1	2144.200	1.74	Head	2R:+:46676435-46676494	exon=> In CDS Exon 7 of transcript AGAP003944-PA
JHU_Ag_76237	GNVPALFGADLETVVTR	AGAP003944-PA	-	73	4.85E-07	2	1758.944	3.1	Head	2R:+:46676148-46676198	exon=> In CDS Exon 6 of transcript AGAP003944-PA
JHU_Ag_79666	ITASPSIFTSDEYR	AGAP003944-PA	-	76	3.30E-07	2	1586.778	5.29	Head	2R:+:46675093-46675134	exon=> In CDS Exon 5 of transcript AGAP003944-PA
JHU_Ag_105196	LQDEADGNVSAPEYSLPIR	AGAP003944-PA	-	108	2.56E-10	1	2074.013	2.24	Head	2R:+:46675009-46675065	exon=> In CDS Exon 5 of transcript AGAP003944-PA
JHU_Ag_106097	VHAFYPSATTSR	AGAP003944-PA	-	44	0.000810366	1	1336.668	2.66	Head	2R:+:46674460-46674495	exon=> In CDS Exon 5 of transcript AGAP003944-PA
JHU_Ag_111443	GPGGGPGPAETPNWGYKPPAPPSSVITEQPK	AGAP003944-PA	-	137	2.29E-13	1	3070.530	0.85	Head	2R:+:46674292-46674384	exon=> In CDS Exon 5 of transcript AGAP003944-PA
JHU_Ag_20174	DYAQNPLHR	AGAP003945-PA	-	52	5.87E-05	1	1113.543	-0.42	Head	2R:-:46713522-46713496	exon=> In CDS Exon 9 of transcript AGAP003945-PA
JHU_Ag_21566	LTALNVK	AGAP003945-PA	-	32	0.00608193	1	758.477	0.4	Ovary	2R:-:46732473-46732453	exon=> In CDS Exon 5 of transcript AGAP003945-PA
JHU_Ag_40176	TVYVQYSNHR	AGAP003945-PA	-	49	0.00020171	2	1266.622	-0.84	Ovary	2R:-:46733126-46733097	exon=> In CDS Exon 3 of transcript AGAP003945-PA
JHU_Ag_55134	HQAVQLPK	AGAP003945-PA	-	40	0.000883239	2	920.527	-4.6	Head	2R:-:46713576-46713553	exon=> In CDS Exon 9 of transcript AGAP003945-PA
JHU_Ag_57115	VTNVLVLK	AGAP003945-PA	-	33	0.000554857	1	885.577	-0.25	Ovary	2R:-:46733246-46733223	exon=> In CDS Exon 3 of transcript AGAP003945-PA
JHU_Ag_59527	NNSFQALIQYPDAQTAQTAR	AGAP003945-PA	-	62	9.44E-06	2	2237.104	4.22	Ovary	2R:-:46732676-46732948,46732296-46732537	exon=> In CDS Exon 5 and 4 of transcript AGAP003945-PA
JHU_Ag_67241	VTNVLVLK	AGAP003945-PA	-	45	4.15E-05	2	885.580	3.11	Head	2R:-:46733246-46733223	exon=> In CDS Exon 3 of transcript AGAP003945-PA
JHU_Ag_69829	NYQNIYPPSATLHLSNIPATVTEDEIKEAFTK	AGAP003945-PA	-	36	0.001742053	1	3604.834	4.68	Ovary	2R:-:46713474-46713638,46708495-46708530	exon=> In CDS Exon 10 and 9 of transcript AGAP003945-PA

JHU_Ag_101250	ASLDGQNIYNGCCTLR	AGAP003945-PA	C12(Carbamidomethyl), C13(Carbamidomethyl)	83	4.88E-08	1	1841.825	-1.2	Ovary	2R:-:46732536-46732489	exon=> In CDS Exon 5 of transcript AGAP003945-PA
JHU_Ag_76715	NSFEVK	AGAP003945-PA,AGAP010855-PA	-	37	0.001366663	1	723.367	-0.29	Ovary	2R:-:46708529-46708512;3L:+:12081198-12081203,12081281-12081292	exon=> In CDS Exon 10 of transcript AGAP003945-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP010855-PA
JHU_Ag_54835	LPVVSAIDCIQSNR	AGAP003960-PA	C9(Carbamidomethyl)	55	4.45E-05	2	1571.825	2.65	Pupa	2R:+:47009537-47009578	exon=> In CDS Exon 2 of transcript AGAP003960-PA
JHU_Ag_67189	YNVNQIANDIALIK	AGAP003960-PA	-	37	0.001831419	2	1588.876	4.02	Pupa	2R:+:47009339-47009380	exon=> In CDS Exon 2 of transcript AGAP003960-PA
JHU_Ag_67734	YANDIALIR	AGAP003960-PA	-	56	2.72E-05	2	1048.580	1.56	Pupa	2R:+:47010318-47010344	exon=> In CDS Exon 3 of transcript AGAP003960-PA
JHU_Ag_27779	AREEFVAHGLGDNVTVR	AGAP003966-PA	-	95	4.48E-09	1	1869.965	4.61	Ovary	2R:+:47195007-47195057	exon=> In CDS Exon 1 of transcript AGAP003966-PA
JHU_Ag_35401	EEFVAHGLGDNVTVR	AGAP003966-PA	-	56	3.52E-05	1	1642.824	3.4	Ovary	2R:+:47195013-47195057	exon=> In CDS Exon 1 of transcript AGAP003966-PA
JHU_Ag_48608	AREEFVAHGLGDNVTVR	AGAP003966-PA	-	81	1.02E-07	1	1869.959	1.09	Malpighian tubule	2R:+:47195007-47195057	exon=> In CDS Exon 1 of transcript AGAP003966-PA
JHU_Ag_59458	YITSTAPNTMAGHTGYLTIAELPPLFAR	AGAP003966-PA	M10(Oxidation)	60	1.17E-05	1	3022.540	2	Ovary	2R:+:47210660-47210743	exon=> In CDS Exon 3 of transcript AGAP003966-PA
JHU_Ag_62573	AIRPSGHLHTFDFHEER	AGAP003966-PA	-	62	8.80E-06	1	2049.003	-0.76	Ovary	2R:+:47194947-47194997	exon=> In CDS Exon 1 of transcript AGAP003966-PA
JHU_Ag_88374	EIIAEGDTVVLYLTPALMHTIDAVPQIR	AGAP003966-PA	M18(Oxidation)	145	1.16E-14	1	3094.659	3.06	Ovary	2R:+:47194575-47194658	exon=> In CDS Exon 1 of transcript AGAP003966-PA
JHU_Ag_12937	EGGGGGDPAQR	AGAP003967-PA	Q10(Deamidated)	29	0.003492674	2	1001.429	0.72	Head	2R:-:47218443-47218411	exon=> In CDS Exon 3 of transcript AGAP003967-PA
JHU_Ag_68825	LAGVLQK	AGAP003967-PA	Q6(Deamidated)	33	0.002284325	1	729.450	-1.1	Pupa	2R:-:47212524-47212504	exon=> In CDS Exon 3 of transcript AGAP003967-PA
JHU_Ag_174	IVPVEITCALLENAMNK	AGAP003968-PA	C8(Carbamidomethyl), M15(Oxidation)	72	8.67E-07	1	1931.001	1.76	Salivary gland	2R:+:47228374-47228424	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_1784	FLIDGFPR	AGAP003968-PA	-	53	5.51E-05	2	964.526	0.38	Male reproductive organs	2R:+:47228907-47228930	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_1860	EFGYTHLSAGDLLR	AGAP003968-PA	-	84	6.52E-08	1	1578.790	-0.67	Malpighian tubule	2R:+:47228266-47228307	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_4847	RFNTYINDTVAIIK	AGAP003968-PA	-	79	9.60E-08	1	1667.916	2.61	Malpighian tubule	2R:+:47229093-47229134	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_9318	NREGSEYGALIEDNIK	AGAP003968-PA	-	88	2.33E-08	1	1807.885	1.6	Ovary	2R:+:47228317-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_9408	KIDASAGPDAVFEHVK	AGAP003968-PA	-	107	2.15E-10	1	1683.873	1.68	Malpighian tubule	2R:+:47229162-47229209	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_13524	AIFGEQK	AGAP003968-PA	-	34	0.005562919	1	792.426	1.51	Malpighian tubule	2R:+:47229210-47229230	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_15863	VVFVLGPPGSGK	AGAP003968-PA	-	68	1.39E-06	2	1156.671	-1.38	Head	2R:+:47228203-47228238	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_18643	KIDASAGPDAVFEHVK	AGAP003968-PA	-	97	2.52E-09	1	1683.869	-0.69	Salivary gland	2R:+:47229162-47229209	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_18710	EGSEYGALIEDNIK	AGAP003968-PA	-	95	5.07E-09	1	1537.739	0.38	Head	2R:+:47228323-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_21186	IDASAGPDAVFEHVK	AGAP003968-PA	-	136	3.24E-13	1	1555.777	1.19	Head	2R:+:47229165-47229209	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_23173	EGSEYGALIEDNIK	AGAP003968-PA	-	82	9.75E-08	1	1537.743	3.4	Malpighian tubule	2R:+:47228323-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_28266	NEDNLQGWTK	AGAP003968-PA	-	55	3.15E-05	2	1204.560	0.13	Head	2R:+:47228931-47228960	exon=> In CDS Exon 2 of transcript AGAP003968-PA

JHU_Ag_28412	EGSEYGALIEDNIK	AGAP003968-PA	-	62	1.05E-05	1	1537.739	0.78	Male reproductive organs	2R:+:47228323-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_28667	VVFVLGPPGSGK	AGAP003968-PA	-	51	5.94E-05	1	1156.673	0.31	Male reproductive organs	2R:+:47228203-47228238	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_30041	EFGYTHLSAGDLLR	AGAP003968-PA	-	107	3.68E-10	1	1578.792	0.26	Head	2R:+:47228266-47228307	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_30047	IVKEFGYTHLSAGDLLR	AGAP003968-PA	-	120	7.41E-12	1	1919.047	4.52	Malpighian tubule	2R:+:47228257-47228307	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_32152	SDDNAESLKK	AGAP003968-PA	-	66	3.51E-06	1	1106.533	0.16	Malpighian tubule	2R:+:47229063-47229092	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_34007	IVPVEITCALLENAMNK	AGAP003968-PA	C8(Carbamidomethyl), M15(Oxidation)	91	1.04E-08	2	1930.997	-0.52	Male reproductive organs	2R:+:47228374-47228424	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_34595	FLIDGFPR	AGAP003968-PA	-	55	3.13E-05	1	964.527	1.65	Malpighian tubule	2R:+:47228907-47228930	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_38310	KIDASAGPDAVFEHVK	AGAP003968-PA	-	101	9.47E-10	1	1683.876	3.33	Ovary	2R:+:47229162-47229209	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_39992	FLIDGFPR	AGAP003968-PA	-	55	3.56E-05	1	964.526	0.44	Head	2R:+:47228907-47228930	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_42074	FNTYINDTVAIIK	AGAP003968-PA	-	62	6.61E-06	2	1511.815	2.99	Visceras	2R:+:47229096-47229134	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_44288	HYEELQLVK	AGAP003968-PA	-	61	1.44E-05	1	1158.614	-0.93	Ovary	2R:+:47229135-47229161	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_49748	RFNTYINDTVAIIK	AGAP003968-PA	-	72	4.96E-07	1	1667.918	4	Ovary	2R:+:47229093-47229134	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_51074	EGSEYGALIEDNIK	AGAP003968-PA	-	58	2.43E-05	2	1537.740	1.41	Salivary gland	2R:+:47228323-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_51076	EFGYTHLSAGDLLR	AGAP003968-PA	-	109	2.02E-10	1	1578.793	1.26	Ovary	2R:+:47228266-47228307	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_55073	VVFVLGPPGSGK	AGAP003968-PA	-	65	2.43E-06	1	1156.672	-0.11	Ovary	2R:+:47228203-47228238	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_58029	FNTYINDTVAIIK	AGAP003968-PA	-	84	4.00E-08	1	1511.811	0.65	Head	2R:+:47229096-47229134	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_58266	VVFVLGPPGSGK	AGAP003968-PA	-	40	0.000859973	2	1156.674	1.68	Visceras	2R:+:47228203-47228238	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_61802	FNTYINDTVAIIKHYEELQLVK	AGAP003968-PA	-	120	7.57E-12	1	2651.405	-1.07	Head	2R:+:47229096-47229161	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_63369	HYEELQLVK	AGAP003968-PA	-	53	8.76E-05	1	1158.617	1.71	Malpighian tubule	2R:+:47229135-47229161	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_65425	NREGSEYGALIEDNIK	AGAP003968-PA	-	92	1.10E-08	1	1807.888	3.29	Malpighian tubule	2R:+:47228317-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_69142	FLIDGFPR	AGAP003968-PA	-	59	1.34E-05	1	964.527	1.9	Salivary gland	2R:+:47228907-47228930	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_71489	IVPVEITCALLENAMNK	AGAP003968-PA	C8(Carbamidomethyl), M15(Oxidation)	123	7.33E-12	1	1931.000	1.32	Ovary	2R:+:47228374-47228424	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_72145	VVFVLGPPGSGK	AGAP003968-PA	-	42	0.000499645	1	1156.678	5.02	Malpighian tubule	2R:+:47228203-47228238	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_76919	IVPVEITCALLENAMNK	AGAP003968-PA	C8(Carbamidomethyl), M15(Oxidation)	101	8.99E-10	1	1931.005	3.78	Malpighian tubule	2R:+:47228374-47228424	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_77176	EGSEYGALIEDNIK	AGAP003968-PA	-	65	4.83E-06	2	1537.736	-1.6	Midgut	2R:+:47228323-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_82162	NREGSEYGALIEDNIK	AGAP003968-PA	-	94	5.83E-09	1	1807.886	2.14	Head	2R:+:47228317-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_82762	NEDNLQGWTKK	AGAP003968-PA	-	83	9.92E-08	1	1332.656	1.12	Malpighian tubule	2R:+:47228931-47228963	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_87122	VVFVLGPPGSGKGTQCEK	AGAP003968-PA	C16(Carbamidomethyl)	70	1.29E-06	1	1859.976	4.17	Malpighian tubule	2R:+:47228203-47228256	exon=> In CDS Exon 1 of transcript AGAP003968-PA

JHU_Ag_89227	IVPVEITCALLENAMNK	AGAP003968-PA	C8(Carbamidomethyl), M15(Oxidation)	86	3.28E-08	2	1931.003	2.64	Midgut	2R:+:47228374-47228424	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_89798	EGSEYGALIEDNIK	AGAP003968-PA	-	70	1.49E-06	1	1537.743	3	Visceras	2R:+:47228323-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_94945	IDASAGPDAVFEHVK	AGAP003968-PA	-	102	9.10E-10	1	1555.780	3.38	Malpighian tubule	2R:+:47229165-47229209	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_95168	KIDASAGPDAVFEHVK	AGAP003968-PA	-	110	1.10E-10	1	1683.871	0.4	Male reproductive organs	2R:+:47229162-47229209	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_95412	HYEELQLVK	AGAP003968-PA	-	46	0.000386831	1	1158.615	-0.19	Male reproductive organs	2R:+:47229135-47229161	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_96303	HYEELQLVK	AGAP003968-PA	-	67	3.67E-06	1	1158.613	-1.88	Head	2R:+:47229135-47229161	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_96338	NREGSEYGALIEDNIK	AGAP003968-PA	-	96	4.27E-09	1	1807.891	4.98	Male reproductive organs	2R:+:47228317-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_101799	FLIDGFPR	AGAP003968-PA	-	63	6.97E-06	1	964.524	-0.95	Ovary	2R:+:47228907-47228930	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_101890	EGSEYGALIEDNIK	AGAP003968-PA	-	88	2.53E-08	1	1537.739	0.86	Ovary	2R:+:47228323-47228364	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_102461	KIDASAGPDAVFEHVK	AGAP003968-PA	-	140	1.25E-13	1	1683.872	1.16	Head	2R:+:47229162-47229209	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_104010	HYEELQLVK	AGAP003968-PA	-	45	0.000390061	1	1158.618	2.44	Salivary gland	2R:+:47229135-47229161	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_108568	EFGYTHLSAGDLLR	AGAP003968-PA	-	81	1.33E-07	1	1578.793	1.19	Male reproductive organs	2R:+:47228266-47228307	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_108572	TTEATGNDRFLIDGFPR	AGAP003968-PA	-	77	2.93E-07	1	1909.948	4.02	Malpighian tubule	2R:+:47228425-47228433,47228889-47228930	exon=> In CDS Exon 1 and 2 of transcript AGAP003968-PA
JHU_Ag_108689	VVFVLGPPGSGK	AGAP003968-PA	-	54	3.30E-05	1	1156.674	1.47	Salivary gland	2R:+:47228203-47228238	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_112478	FLIDGFPR	AGAP003968-PA	-	50	0.0000985	2	964.527	1.96	Visceras	2R:+:47228907-47228930	exon=> In CDS Exon 2 of transcript AGAP003968-PA
JHU_Ag_116607	IVPVEITCALLENAMNK	AGAP003968-PA	C8(Carbamidomethyl), M15(Oxidation)	86	3.83E-08	1	1931.000	1.25	Head	2R:+:47228374-47228424	exon=> In CDS Exon 1 of transcript AGAP003968-PA
JHU_Ag_69899	AQNYLESDIR	AGAP003970-PA	-	48	0.000288061	2	1208.592	1.51	Salivary gland	2R:+:47234443-47234472	exon=> In CDS Exon 6 of transcript AGAP003970-PA
JHU_Ag_98153	HLLILR	AGAP003970-PA	-	21	0.001794486	2	764.515	0.95	Head	2R:+:47234896-47234913	exon=> In CDS Exon 6 of transcript AGAP003970-PA
JHU_Ag_64135	FVIHPDFNAQTYANDIALVR	AGAP003971-PA	-	91	1.03E-08	1	2304.189	5.16	Larva	2R:-:47286283-47286224	exon=> In CDS Exon 2 of transcript AGAP003971-PA
JHU_Ag_6989	ALLLATEPELHETVR	AGAP003979-PA	-	60	7.39E-06	1	1691.929	-2.21	Malpighian tubule	2R:-:47463369-47463325	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_35777	AGDLQQAISSAR	AGAP003979-PA	-	40	0.001816615	2	1216.632	3.51	Malpighian tubule	2R:-:47463600-47463565	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_37178	LLAAMDSEPTVLTLPK	AGAP003979-PA	M5(Oxidation)	53	4.81E-05	2	1714.933	1.9	Ovary	2R:-:47464161-47464114	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_42244	GTGGGSLPDGYTIAEK	AGAP003979-PA	-	38	0.002302102	2	1522.740	1.04	Ovary	2R:-:47464230-47464183	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_51553	ADGEYFAVGYLAPFGQR	AGAP003979-PA	-	71	1.37E-06	1	1860.895	1.93	Ovary	2R:-:47465973-47465923	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_64626	GLTGQQDGALETSSR	AGAP003979-PA	-	52	0.000101277	2	1519.735	0.42	Ovary	2R:-:47464869-47464825	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_70488	VCAVYGDYLR	AGAP003979-PA	C2(Carbamidomethyl)	52	5.95E-05	1	1215.581	-1.02	Ovary	2R:-:47463672-47463643	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_76222	FDLSENALR	AGAP003979-PA	-	64	6.49E-06	2	1064.538	1.04	Ovary	2R:-:47466561-47466535	exon=> In CDS Exon 1 of transcript AGAP003979-PA

JHU_Ag_90338	TLHLFSSDPGVYECIR	AGAP003979-PA	C14(Carbamidomethyl)	37	0.003693297	1	1893.928	6.28	Midgut	2R:-:47465520-47465473	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_96227	LLLTGFR	AGAP003979-PA	-	25	0.003801398	1	819.512	3.47	Ovary	2R:-:47465394-47465374	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_103118	ALLLATEPELHETVR	AGAP003979-PA	-	59	6.78E-06	2	1691.939	3.85	Ovary	2R:-:47463369-47463325	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_108098	AGDLQQAISSAR	AGAP003979-PA	-	34	0.007188019	1	1216.628	0.3	Ovary	2R:-:47463600-47463565	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_116275	ADGEYFAVGYLAPFGQR	AGAP003979-PA	-	71	1.38E-06	1	1860.893	1.01	Midgut	2R:-:47465973-47465923	exon=> In CDS Exon 1 of transcript AGAP003979-PA
JHU_Ag_7987	GTSTGSPNDTSSSSASGGER	AGAP003981-PA	-	46	0.000140595	2	1928.813	3.58	Head	2R:-:47470628-47470566	exon=> In CDS Exon 3 of transcript AGAP003981-PA
JHU_Ag_8047	SHGDFLQYDDPGDYDDDDN	AGAP003981-PA	-	63	2.20E-07	1	2202.805	2.04	Head	2R:-:47469711-47469655	exon=> In CDS Exon 4 of transcript AGAP003981-PA
JHU_Ag_37714	IVEHLVAAGIGPPTATDR	AGAP003981-PA	-	48	9.83E-05	1	1816.998	3.67	Head	2R:-:47471306-47471253	exon=> In CDS Exon 2 of transcript AGAP003981-PA
JHU_Ag_69872	SGNDTTFHTGQQQDPDDGPK	AGAP003981-PA	-	45	0.000192673	1	2144.921	4.31	Head	2R:-:47470556-47470497	exon=> In CDS Exon 3 of transcript AGAP003981-PA
JHU_Ag_79065	LQQQER	AGAP003986-PB	Q3(Deamidated), Q4(Deamidated)	50	0.000165137	2	803.389	-0.7	Midgut	2R:+:47507231-47507248	exon=> In CDS Exon 1 of transcript AGAP003986-PB
JHU_Ag_111280	LQQQER	AGAP003986-PB	Q3(Deamidated), Q4(Deamidated)	36	0.003537989	2	803.392	3.63	Visceras	2R:+:47507231-47507248	exon=> In CDS Exon 1 of transcript AGAP003986-PB
JHU_Ag_6133	YVELLEAISK	AGAP003987-PA	-	84	3.13E-08	2	1164.651	-0.37	Head	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_9299	GVSNEFAEK	AGAP003987-PA	-	44	0.00059123	2	980.469	0.78	Visceras	2R:+:47547669-47547695	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_13651	ASPSATIPTSLNGFAITCNK	AGAP003987-PA	C18(Carbamidomethyl),"N12(Deamidated), C18(Carbamidomethyl)"	68	2.83E-06	2	2051.010	-0.69	Male reproductive organs	2R:+:47547044-47547103	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_18730	ELVEFLAEEIVAEK	AGAP003987-PA	-	111	8.81E-11	2	1618.862	2.53	Head	2R:+:47546999-47547040	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_20360	ITISFNVNHTVDMEGEEAEATENKPEFSAMK	AGAP003987-PA	M13(Oxidation), M30(Oxidation)	116	2.38E-11	1	3500.590	1.75	Malpighian tubule	2R:+:47547200-47547292	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_21530	MSDFASAYEHAK	AGAP003987-PA	M1(Oxidation)	90	4.44E-09	1	1372.587	2.36	Malpighian tubule	2R:+:47547696-47547731	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_21640	MSDFASAYEHAK	AGAP003987-PA	M1(Oxidation)	74	1.67E-07	2	1372.583	-0.58	Visceras	2R:+:47547696-47547731	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_23658	VYAVAGDVLDGYLYDLLMNFLEEK	AGAP003987-PA	M18(Oxidation)	183	7.19E-18	1	2766.361	0.84	Ovary	2R:+:47547524-47547556,47547630-47547668	exon=> In CDS Exon 4 and 5 of transcript AGAP003987-PA
JHU_Ag_26014	SRPQFEVDIVR	AGAP003987-PA	-	68	2.18E-06	1	1345.723	0.72	Visceras	2R:+:47547293-47547325	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_32433	ELVEFLAEEIVAEKK	AGAP003987-PA	-	43	0.000449149	1	1746.952	-0.53	Male reproductive organs	2R:+:47546999-47547043	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_35154	ASPSATIPTSLNGFAITCNK	AGAP003987-PA	C18(Carbamidomethyl)	98	2.15E-09	1	2050.026	-0.51	Ovary	2R:+:47547044-47547103	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_37088	ELVEFLAEEIVAEK	AGAP003987-PA	-	98	1.57E-09	1	1618.869	7.06	Ovary	2R:+:47546999-47547040	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_40961	YVELLEAISK	AGAP003987-PA	-	78	1.31E-07	1	1164.653	1.62	Malpighian tubule	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_41255	SRPQFEVDIVR	AGAP003987-PA	-	70	1.30E-06	1	1345.723	0.21	Malpighian tubule	2R:+:47547293-47547325	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_41258	ELVEFLAEEIVAEKK	AGAP003987-PA	-	134	3.10E-13	1	1746.955	1.58	Visceras	2R:+:47546999-47547043	exon=> In CDS Exon 2 of transcript AGAP003987-PA

JHU_Ag_41500	YVELLEAISKFTVEK	AGAP003987-PA	-	99	6.78E-10	1	1768.984	5.93	Malpighian tubule	2R:+:47547732-47547776	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_42538	SRPQFEVDIVR	AGAP003987-PA	-	40	0.001410466	1	1345.721	-1.21	Salivary gland	2R:+:47547293-47547325	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_43683	ELVEFLAEEIVAEKK	AGAP003987-PA	-	42	0.000445523	1	1746.957	2.62	Pupa	2R:+:47546999-47547043	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_46555	GVSNEFAEK	AGAP003987-PA	-	37	0.002463423	1	980.468	-0.58	Midgut	2R:+:47547669-47547695	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_50022	SRPQFEVDIVR	AGAP003987-PA	Q4(Deamidated)	63	7.19E-06	1	1345.721	-0.73	Head	2R:+:47547293-47547325	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_52830	ELVEFLAEEIVAEK	AGAP003987-PA	-	93	6.81E-09	2	1618.857	-0.03	Midgut	2R:+:47546999-47547040	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_53109	ELVEFLAEEIVAEKK	AGAP003987-PA	-	115	2.75E-11	1	1746.952	-0.17	Midgut	2R:+:47546999-47547043	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_54387	MSDFASAYEHAK	AGAP003987-PA	M1(Oxidation)	52	2.35E-05	1	1372.583	-0.31	Male reproductive organs	2R:+:47547696-47547731	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_55400	MSDFASAYEHAK	AGAP003987-PA	M1(Oxidation)	78	7.19E-08	1	1372.582	-1.28	Ovary	2R:+:47547696-47547731	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_57268	ADVELTK	AGAP003987-PA	-	47	0.000468785	2	775.420	1.04	Ovary	2R:+:47547104-47547124	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_62112	ASPSATIPTSLNGFAITCNK	AGAP003987-PA	C18(Carbamidomethyl),"N12(Deamidated),C18(Carbamidomethyl)"	107	3.19E-10	1	2050.030	1.16	Visceras	2R:+:47547044-47547103	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_65842	ITISFNVNHTVDMEGEEAEATENKPEFSAMK	AGAP003987-PA	M13(Oxidation),M30(Oxidation)	60	1.12E-05	1	3500.597	3.91	Head	2R:+:47547200-47547292	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_66288	YVELLEAISK	AGAP003987-PA	-	69	1.22E-06	2	1164.647	-3.2	Midgut	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_69852	YVELLEAISK	AGAP003987-PA	-	78	1.46E-07	1	1164.653	1.62	Ovary	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_70308	SRPQFEVDIVR	AGAP003987-PA	-	61	1.01E-05	1	1345.722	0.08	Male reproductive organs	2R:+:47547293-47547325	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_72673	ASPSATIPTSLNGFAITCNK	AGAP003987-PA	C18(Carbamidomethyl),"N12(Deamidated),C18(Carbamidomethyl)"	81	1.16E-07	1	2050.027	-0.39	Head	2R:+:47547044-47547103	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_77314	ELVEFLAEEIVAEKK	AGAP003987-PA	-	71	6.95E-07	1	1746.954	1.02	Ovary	2R:+:47546999-47547043	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_83268	YVELLEAISK	AGAP003987-PA	-	77	1.55E-07	2	1164.653	1.52	Salivary gland	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_85649	ASPSATIPTSLNGFAITCNKADVELTK	AGAP003987-PA	C18(Carbamidomethyl),"N12(Deamidated),C18(Carbamidomethyl)"	64	3.64E-06	1	2807.433	6.86	Malpighian tubule	2R:+:47547044-47547124	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_87144	MSDFASAYEHAK	AGAP003987-PA	M1(Oxidation)	91	2.80E-09	1	1372.581	-2.27	Midgut	2R:+:47547696-47547731	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_87401	ITISFNVNHTVDMEGEEAEATENKPEFSAMK	AGAP003987-PA	M13(Oxidation),M30(Oxidation)	76	2.59E-07	1	3500.581	-0.69	Midgut	2R:+:47547200-47547292	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_89408	GVSNEFAEK	AGAP003987-PA	-	49	0.000176011	2	980.468	-0.28	Ovary	2R:+:47547669-47547695	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_90334	ITISFNVNHTVDMEGEEAEATENKPEFSAMK	AGAP003987-PA	M13(Oxidation),M30(Oxidation)	173	5.54E-17	1	3500.586	0.84	Ovary	2R:+:47547200-47547292	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_93457	SRPQFEVDIVR	AGAP003987-PA	-	62	8.59E-06	1	1345.722	-0.37	Midgut	2R:+:47547293-47547325	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_94365	ELVEFLAEEIVAEK	AGAP003987-PA	-	110	1.21E-10	1	1618.868	6.3	Malpighian tubule	2R:+:47546999-47547040	exon=> In CDS Exon 2 of transcript AGAP003987-PA

JHU_Ag_95349	MSDFASAYEHAK	AGAP003987-PA	M1(Oxidation)	89	4.84E-09	2	1372.586	1.91	Head	2R:+:47547696-47547731	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_99378	ASPSATIPTSLNGFAITCNK	AGAP003987-PA	C18(Carbamidomethyl),"N12(Deamidated), C18(Carbamidomethyl)"	84	5.97E-08	1	2050.036	4.02	Malpighian tubule	2R:+:47547044-47547103	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_99661	YVELLEAISK	AGAP003987-PA	-	74	3.64E-07	2	1164.652	0.99	Male reproductive organs	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_100298	ASPSATIPTSLNGFAITCNK	AGAP003987-PA	C18(Carbamidomethyl),"N12(Deamidated), C18(Carbamidomethyl)"	75	4.47E-07	2	2050.030	1.16	Midgut	2R:+:47547044-47547103	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_105018	ELVEFLAEEIVAEK	AGAP003987-PA	-	106	3.10E-10	1	1618.864	3.89	Visceras	2R:+:47546999-47547040	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_108947	SRPQFEVDIVR	AGAP003987-PA	-	62	7.91E-06	1	1345.724	1.44	Ovary	2R:+:47547293-47547325	exon=> In CDS Exon 3 of transcript AGAP003987-PA
JHU_Ag_111423	ELVEFLAEEIVAEKK	AGAP003987-PA	-	117	1.45E-11	2	1746.962	5.42	Malpighian tubule	2R:+:47546999-47547043	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_112327	ELVEFLAEEIVAEKK	AGAP003987-PA	-	127	1.76E-12	1	1746.955	1.65	Head	2R:+:47546999-47547043	exon=> In CDS Exon 2 of transcript AGAP003987-PA
JHU_Ag_112521	YVELLEAISK	AGAP003987-PA	-	40	0.000865803	2	1164.652	0.99	Pupa	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_117648	YVELLEAISK	AGAP003987-PA	-	90	9.26E-09	1	1164.653	1.41	Visceras	2R:+:47547732-47547761	exon=> In CDS Exon 5 of transcript AGAP003987-PA
JHU_Ag_69055	DEEQKPPPK	AGAP003988-PA	-	61	1.10E-05	1	1067.536	-0.49	Midgut	2R:-:47548533-47548507	exon=> In CDS Exon 2 of transcript AGAP003988-PA
JHU_Ag_72578	DYDNCFNNWFSDR	AGAP003988-PA	C5(Carbamidomethyl)	73	5.76E-08	1	1752.680	5.33	Visceras	2R:-:47548841-47548803	exon=> In CDS Exon 1 of transcript AGAP003988-PA
JHU_Ag_111124	GDTDDSLCAPLFK	AGAP003988-PA	C8(Carbamidomethyl)	43	0.000604453	2	1438.655	1.92	Head	2R:-:47548793-47548755	exon=> In CDS Exon 1 of transcript AGAP003988-PA
JHU_Ag_9506	DFEILGEGLVSSVEK	AGAP003992-PA	-	72	8.90E-07	2	1621.833	0.78	Ovary	2R:+:47600681-47600725	exon=> In CDS Exon 4 of transcript AGAP003992-PA
JHU_Ag_32008	TPGLSVNSTDKEPAAGLDPVR	AGAP003992-PA	-	69	1.63E-06	1	2124.095	0.83	Ovary	2R:+:47600343-47600405	exon=> In CDS Exon 3 of transcript AGAP003992-PA
JHU_Ag_42899	VVAHEDDEAHRK	AGAP003992-PA	-	51	0.000133818	2	1405.685	2.52	Ovary	2R:+:47597195-47597230	exon=> In CDS Exon 1 of transcript AGAP003992-PA
JHU_Ag_48079	NVELLESIIQSESVR	AGAP003992-PA	-	59	1.39E-05	2	1715.921	2.3	Ovary	2R:+:47598044-47598088	exon=> In CDS Exon 1 of transcript AGAP003992-PA
JHU_Ag_49190	AATHLVETDFR	AGAP003992-PA	-	58	2.45E-05	1	1259.639	0.53	Ovary	2R:+:47600099-47600131	exon=> In CDS Exon 2 of transcript AGAP003992-PA
JHU_Ag_85975	IAEDVNTSR	AGAP003992-PA	-	45	0.000531127	2	1004.503	2.27	Ovary	2R:+:47599361-47599387	exon=> In CDS Exon 1 of transcript AGAP003992-PA
JHU_Ag_100731	ATIQLAASGK	AGAP003992-PA	-	50	0.000147866	2	959.552	0.3	Ovary	2R:+:47599277-47599306	exon=> In CDS Exon 1 of transcript AGAP003992-PA
JHU_Ag_703	ELPYYTYDDEFVFNYR	AGAP003993-PA	-	99	1.24E-09	1	2133.944	0.04	Midgut	2R:-:47602584-47602537	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_2480	EVPLFIDQNDQVLR	AGAP003993-PA	-	67	2.79E-06	2	1685.885	-0.29	Midgut	2R:-:47602641-47602600	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_3347	ELPYYTYDDEFVFNYR	AGAP003993-PA	-	92	7.33E-09	1	2133.957	5.88	Larva	2R:-:47602584-47602537	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_4752	YRRPISQQTVLDFAR	AGAP003993-PA	-	43	0.000370417	1	1850.012	4.62	Larva	2R:-:47602413-47602369	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_7152	EVPLFIDQNDQVLR	AGAP003993-PA	Q11(Deamidated),N9(Deamidated),Q8(Deamidated)	94	4.19E-09	1	1685.896	6.15	Larva	2R:-:47602641-47602600	exon=> In CDS Exon 2 of transcript AGAP003993-PA

JHU_Ag_11006	KGQIGSDVLHLHDTFGAEQTPLHWYG GPELMEQYYPIEK	AGAP003993-PA	M31(Oxidation)	214	3.37E-21	1	4500.156	-1.06	Larva	2R:-:47602863-47602747	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_11648	LRFDDYPYITK	AGAP003993-PA	-	65	5.11E-06	1	1430.731	-0.5	Midgut	2R:-:47602746-47602714	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_12054	LRELQELGIDNFK	AGAP003993-PA	-	72	6.21E-07	1	1574.852	-0.82	Midgut	2R:-:47601956-47601918	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_12434	TPWDIDEESITISK	AGAP003993-PA	-	46	0.000456578	1	1633.799	1.91	Head	2R:-:47601539-47602080,47601286-47601425	exon=> In CDS Exon 4 and 3 of transcript AGAP003993-PA
JHU_Ag_15982	VLNQPVDIPDER	AGAP003993-PA	-	75	3.81E-07	1	1394.727	-0.54	Midgut	2R:-:47602485-47602450	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_17911	TPWDIDEESITISK	AGAP003993-PA	-	118	2.32E-11	1	1633.804	5.2	Larva	2R:-:47601539-47602080,47601286-47601425	exon=> In CDS Exon 4 and 3 of transcript AGAP003993-PA
JHU_Ag_18293	VTLWVHPFINK	AGAP003993-PA	-	58	9.64E-06	1	1353.770	1.3	Midgut	2R:-:47602224-47602192	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_21088	EVEDSAGFAYLSISR	AGAP003993-PA	-	110	1.62E-10	2	1643.799	4.81	Larva	2R:-:47602917-47602873	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_22450	KFAQLHETYSDYIIQR	AGAP003993-PA	-	110	1.55E-10	1	2012.031	3.46	Larva	2R:-:47601424-47601377	exon=> In CDS Exon 4 of transcript AGAP003993-PA
JHU_Ag_25718	EINAYGFK	AGAP003993-PA	-	41	0.000583939	1	941.472	-1.13	Midgut	2R:-:47602368-47602345	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_25830	ITFDHDFTDDSDIETFPK	AGAP003993-PA	-	40	0.001028202	1	2142.959	3.92	Head	2R:-:47603013-47602960	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_28882	VLNQPVDIPDER	AGAP003993-PA	-	54	4.79E-05	2	1394.730	1.47	Visceras	2R:-:47602485-47602450	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_32678	MCAAFGGMIEVR	AGAP003993-PA	M1(Oxidation), C2(Carbamidomethyl), M8(Oxidation)	60	5.64E-06	2	1373.605	3.1	Larva	2R:-:47601821-47601786	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_37034	RPISQQTVLDFAR	AGAP003993-PA	-	51	7.16E-05	2	1530.839	0.25	Head	2R:-:47602407-47602369	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_38449	LRFDDYPYITK	AGAP003993-PA	-	36	0.004586527	2	1430.734	1.97	Head	2R:-:47602746-47602714	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_38965	WLEASVFMPSIQFSK	AGAP003993-PA	M8(Oxidation)	68	2.16E-06	2	1785.897	4.79	Larva	2R:-:47601584-47601540	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_39079	LAVSHGTPVNPPIWWLDPTDK	AGAP003993-PA	-	115	2.62E-11	1	2343.228	6.17	Larva	2R:-:47601370-47601308	exon=> In CDS Exon 4 of transcript AGAP003993-PA
JHU_Ag_39677	ITFDHDFTDDSDIETFPK	AGAP003993-PA	-	125	3.74E-12	1	2142.958	3.73	Larva	2R:-:47603013-47602960	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_44390	ITFDHDFTDDSDIETFPK	AGAP003993-PA	-	76	2.43E-07	1	2142.950	-0.35	Midgut	2R:-:47603013-47602960	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_49530	NCDPWYTEALSK	AGAP003993-PA	C2(Carbamidomethyl)	69	9.01E-07	1	1483.655	1.98	Larva	2R:-:47602191-47602156	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_54484	LYGNGHSVEIR	AGAP003993-PA	N4(Deamidated)	85	5.16E-08	1	1244.644	4.89	Larva	2R:-:47602950-47602918	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_58280	ELQELGIDNFK	AGAP003993-PA	-	68	2.67E-06	2	1305.668	-0.52	Midgut	2R:-:47601950-47601918	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_58305	MLDFDTR	AGAP003993-PA	M1(Oxidation)	37	0.001016931	1	913.408	-0.21	Larva	2R:-:47601746-47601726	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_60486	WWNSGENEASYINFNNPDAVEWYR	AGAP003993-PA	-	34	0.003364106	2	2961.312	8.74	Larva	2R:-:47602034-47601963	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_61319	VLNQPVDIPDER	AGAP003993-PA	-	70	1.23E-06	1	1394.734	4.97	Larva	2R:-:47602485-47602450	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_62831	GQIGSDVLHLHDTFGAEQTPLHWYGG PELMEQYYPIEK	AGAP003993-PA	M30(Oxidation)	176	1.89E-17	1	4372.086	4.55	Larva	2R:-:47602860-47602747	exon=> In CDS Exon 2 of transcript AGAP003993-PA

JHU_Ag_65549	RPISQQTVLDFAR	AGAP003993-PA	-	38	0.001268978	1	1530.850	7.43	Larva	2R:-:47602407-47602369	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_65661	TPWDIDEESITISKK	AGAP003993-PA	-	87	3.50E-08	1	1761.897	3.78	Larva	2R:-:47601539-47602080,47601286-47601422	exon=> In CDS Exon 4 and 3 of transcript AGAP003993-PA
JHU_Ag_69006	LAVSHGTPVNPPIWWLDPTDK	AGAP003993-PA	-	99	9.91E-10	1	2343.219	2.57	Midgut	2R:-:47601370-47601308	exon=> In CDS Exon 4 of transcript AGAP003993-PA
JHU_Ag_70270	EVEDSAGFAYLSISR	AGAP003993-PA	-	108	2.34E-10	2	1643.792	0.21	Midgut	2R:-:47602917-47602873	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_71876	NCDPWYTEALSK	AGAP003993-PA	C2(Carbamidomethyl)	49	0.000101379	2	1483.655	1.57	Midgut	2R:-:47602191-47602156	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_72574	FAQLHETYSDYIIQR	AGAP003993-PA	-	116	3.08E-11	1	1883.939	5.61	Larva	2R:-:47601421-47601377	exon=> In CDS Exon 4 of transcript AGAP003993-PA
JHU_Ag_77615	LRELQELGIDNFK	AGAP003993-PA	-	90	9.77E-09	1	1574.859	3.59	Larva	2R:-:47601956-47601918	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_78749	TGWGTQDLPVFVR	AGAP003993-PA	-	92	9.52E-09	1	1475.771	4.3	Larva	2R:-:47601785-47601747	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_80669	LRFDDYPYITK	AGAP003993-PA	-	75	6.10E-07	1	1430.737	3.76	Larva	2R:-:47602746-47602714	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_82349	FAQLHETYSDYIIQR	AGAP003993-PA	-	57	2.96E-05	2	1883.929	0.17	Midgut	2R:-:47601421-47601377	exon=> In CDS Exon 4 of transcript AGAP003993-PA
JHU_Ag_86577	ELHSAAIIER	AGAP003993-PA	-	79	1.05E-07	1	1138.624	2.53	Larva	2R:-:47602713-47602684	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_93721	EVPLFIDQNDQVLR	AGAP003993-PA	Q8(Deamidated),N9(Deamidated)	33	0.005798598	2	1686.893	13.53	Head	2R:-:47602641-47602600	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_96397	VLNQPVDIPDER	AGAP003993-PA	-	50	0.00013749	2	1394.726	-0.81	Head	2R:-:47602485-47602450	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_100920	LAVSHGTPVNPPIWWLDPTDK	AGAP003993-PA	-	79	1.16E-07	1	2343.221	3.36	Head	2R:-:47601370-47601308	exon=> In CDS Exon 4 of transcript AGAP003993-PA
JHU_Ag_105274	EINAYGFK	AGAP003993-PA	-	53	3.74E-05	1	941.476	3.41	Larva	2R:-:47602368-47602345	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_108096	TPWDIDEESITISK	AGAP003993-PA	-	99	2.12E-09	1	1633.795	-0.26	Midgut	2R:-:47601539-47602080,47601286-47601425	exon=> In CDS Exon 4 and 3 of transcript AGAP003993-PA
JHU_Ag_110141	FAASSIEVR	AGAP003993-PA	-	62	8.12E-06	2	979.525	4.64	Larva	2R:-:47612337-47612311	exon=> In CDS Exon 1 of transcript AGAP003993-PA
JHU_Ag_110928	VTLWVHPFINK	AGAP003993-PA	-	59	6.14E-06	1	1353.773	3.82	Larva	2R:-:47602224-47602192	exon=> In CDS Exon 2 of transcript AGAP003993-PA
JHU_Ag_113341	ELQELGIDNFK	AGAP003993-PA	-	77	3.55E-07	1	1305.675	5	Larva	2R:-:47601950-47601918	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_117485	TGWGTQDLPVFVR	AGAP003993-PA	-	56	3.51E-05	2	1475.772	5.54	Visceras	2R:-:47601785-47601747	exon=> In CDS Exon 3 of transcript AGAP003993-PA
JHU_Ag_4433	FDAGESSWTPPDPLLNGPANR	AGAP003995-PA	N16(Deamidated)	88	2.24E-08	2	2241.065	3.58	Midgut	2R:-:47649637-47649575	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_5260	NYPVPLAMVPYFTR	AGAP003995-PA	M8(Oxidation)	74	5.69E-07	2	1683.856	-0.3	Midgut	2R:-:47648856-47648815	exon=> In CDS Exon 2 of transcript AGAP003995-PA
JHU_Ag_7331	GCEPWYSEAR	AGAP003995-PA	C2(Carbamidomethyl)	46	9.78E-05	1	1254.522	0.74	Visceras	2R:-:47649835-47649806	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_7947	TTLWIHPFINK	AGAP003995-PA	-	56	1.81E-05	2	1369.766	2.24	Midgut	2R:-:47649868-47649836	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_8356	VVQSSGQVVQQIR	AGAP003995-PA	-	111	5.27E-11	1	1427.797	0.34	Visceras	2R:-:47650687-47650649	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_10243	VVQSSGQVVQQIR	AGAP003995-PA	-	77	1.12E-07	2	1427.797	0.34	Head	2R:-:47650687-47650649	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_10842	NEVPSSVTNVDCVNLLATNWYGGPQQK	AGAP003995-PA	C12(Carbamidomethyl)	37	0.002740262	1	2990.438	2.1	Midgut	2R:-:47650504-47650424	exon=> In CDS Exon 1 of transcript AGAP003995-PA

JHU_Ag_15629	EVDTTAYSQFAVIR	AGAP003995-PA	-	100	1.32E-09	1	1599.797	-3.01	Midgut	2R:-:47650546-47650505	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_22644	GSWTDGNSGELHTGPK	AGAP003995-PA	-	97	2.12E-09	1	1642.751	3.34	Malpighian tubule	2R:-:47648913-47648866	exon=> In CDS Exon 2 of transcript AGAP003995-PA
JHU_Ag_25037	YTIGVAADAR	AGAP003995-PA	-	61	9.54E-06	2	1036.545	2.76	Malpighian tubule	2R:-:47650186-47650157	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_30947	AAHMGAIER	AGAP003995-PA	M4(Oxidation)	43	0.000399773	1	955.478	-0.09	Midgut	2R:-:47650156-47650130	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_35506	VVQSSGQVVQQIR	AGAP003995-PA	-	86	1.79E-08	2	1427.802	4.01	Malpighian tubule	2R:-:47650687-47650649	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_36772	QFAGEIVSNGFR	AGAP003995-PA	N9(Deamidated)	85	5.29E-08	2	1325.648	-0.29	Midgut	2R:-:47650024-47649989	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_51650	YSMLSK	AGAP003995-PA	M3(Oxidation)	33	0.003110822	2	744.359	-0.26	Midgut	2R:-:47650384-47650367	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_52762	FGDLVEVR	AGAP003995-PA	-	72	9.66E-07	2	934.504	4.64	Malpighian tubule	2R:-:47649529-47649506	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_53110	GCEPWYSEAR	AGAP003995-PA	C2(Carbamidomethyl)	65	1.41E-06	1	1254.520	-0.62	Midgut	2R:-:47649835-47649806	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_53963	FDAGESSWTPPDPLLNGPANR	AGAP003995-PA	-	58	2.02E-05	2	2241.060	1.08	Visceras	2R:-:47649637-47649575	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_61425	SALGTQDLPVFVR	AGAP003995-PA	-	61	7.08E-06	2	1402.777	5.92	Malpighian tubule	2R:-:47649505-47649467	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_62018	NTITAIR	AGAP003995-PA	-	36	0.003890864	2	788.463	0.54	Midgut	2R:-:47649907-47649887	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_64253	VVQSSGQVVQQIR	AGAP003995-PA	-	48	9.98E-05	2	1427.797	0.08	Ovary	2R:-:47650687-47650649	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_64826	SALGTQDLPVFVR	AGAP003995-PA	-	90	1.01E-08	2	1402.772	1.92	Visceras	2R:-:47649505-47649467	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_66813	ILGKPTGHPAESMVMEPIWSTWAR	AGAP003995-PA	M15(Oxidation),"M13(Oxidation), M15(Oxidation)",M13(Oxidation)	102	8.59E-10	1	2694.350	-1.37	Midgut	2R:-:47650129-47650058	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_68358	FGDLVEVR	AGAP003995-PA	-	72	9.66E-07	2	934.498	-0.91	Midgut	2R:-:47649529-47649506	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_75291	YTIGVAADAR	AGAP003995-PA	-	75	4.54E-07	2	1036.542	-0.42	Midgut	2R:-:47650186-47650157	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_78353	ARDIYLPR	AGAP003995-PA	-	38	0.001517167	2	1003.572	3.19	Malpighian tubule	2R:-:47648937-47648914	exon=> In CDS Exon 2 of transcript AGAP003995-PA
JHU_Ag_80973	MAPAIMER	AGAP003995-PA	M1(Oxidation), M6(Oxidation),M1(Oxidation)	56	2.87E-05	2	950.444	0.32	Midgut	2R:-:47649193-47649170	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_81286	LQAILDESGIDSFK	AGAP003995-PA	-	110	1.60E-10	2	1535.788	-4.87	Midgut	2R:-:47649679-47649638	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_81480	HQYWPVQK	AGAP003995-PA	-	57	2.15E-05	1	1085.553	0.07	Midgut	2R:-:47650423-47650400	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_81844	GQAAYVDFSK	AGAP003995-PA	-	41	0.000796464	1	1085.527	0.61	Ovary	2R:-:47649739-47649710	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_83738	RPSQIVGDYLR	AGAP003995-PA	-	39	0.001387931	2	1303.712	0.06	Visceras	2R:-:47649574-47649542	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_84145	AALPYDTHGNSYDVR	AGAP003995-PA	-	85	3.79E-08	1	1678.780	-1.16	Midgut	2R:-:47650231-47650187	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_85550	VVQSSGQVVQQIR	AGAP003995-PA	-	91	4.94E-09	2	1427.796	-0.26	Midgut	2R:-:47650687-47650649	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_90447	RPSQIVGDYLR	AGAP003995-PA	-	55	3.83E-05	1	1303.710	-1.06	Midgut	2R:-:47649574-47649542	exon=> In CDS Exon 1 of transcript AGAP003995-PA

JHU_Ag_94830	GYLVADHTGNTDTEWWNSVR	AGAP003995-PA	-	37	0.002063393	3	2321.063	1.99	Visceras	2R:-:47649799-47649740	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_96905	ELRVVQSSGQVVQQIR	AGAP003995-PA	-	76	1.19E-07	1	1826.032	3.93	Malpighian tubule	2R:-:47650696-47650649	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_97197	DINDAVVR	AGAP003995-PA	-	51	0.00013662	1	901.474	-0.01	Midgut	2R:-:47650048-47650025	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_98712	GQAAYVDFSK	AGAP003995-PA	-	75	3.29E-07	1	1085.527	0.34	Midgut	2R:-:47649739-47649710	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_101654	QFAGEIVSNGFR	AGAP003995-PA	-	68	2.13E-06	2	1324.670	4.41	Malpighian tubule	2R:-:47650024-47649989	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_103377	LQAILDESGIDSFK	AGAP003995-PA	-	51	9.67E-05	2	1535.806	6.82	Malpighian tubule	2R:-:47649679-47649638	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_103451	RPSQIVGDYLR	AGAP003995-PA	-	41	0.000923108	1	1303.718	4.84	Malpighian tubule	2R:-:47649574-47649542	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_107082	GYLVADHTGNTDTEWWNSVR	AGAP003995-PA	-	91	9.74E-09	1	2321.064	2.38	Midgut	2R:-:47649799-47649740	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_110273	SALGTQDLPVFVR	AGAP003995-PA	-	44	0.000461725	2	1402.769	0.09	Ovary	2R:-:47649505-47649467	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_110556	VVQSSGQVVQQIR	AGAP003995-PA	-	38	0.001284735	2	1427.792	-3.42	Pupa	2R:-:47650687-47650649	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_111101	GSWTDGNSGELHTGPK	AGAP003995-PA	N7(Deamidated)	73	4.21E-07	1	1643.729	-0.68	Midgut	2R:-:47648913-47648866	exon=> In CDS Exon 2 of transcript AGAP003995-PA
JHU_Ag_113214	SALGTQDLPVFVR	AGAP003995-PA	-	95	3.40E-09	1	1402.769	0.18	Midgut	2R:-:47649505-47649467	exon=> In CDS Exon 1 of transcript AGAP003995-PA
JHU_Ag_116119	ARDIYLPR	AGAP003995-PA	-	30	0.010471285	1	1003.568	-0.1	Midgut	2R:-:47648937-47648914	exon=> In CDS Exon 2 of transcript AGAP003995-PA
JHU_Ag_20398	NLYNNEHVAIK	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	-	63	6.86E-06	1	1314.675	-3.54	Head	2R:+:47703277-47703309;2R:+:47703277-47703309;2R:+:47703277-47703309;2R:+:47703277-47703309	exon=> In CDS Exon 2 of transcript AGAP003997-PD;exon=> In CDS Exon 3 of transcript AGAP003997-PB;exon=> In CDS Exon 3 of transcript AGAP003997-PA;exon=> In CDS Exon 2 of transcript AGAP003997-PC
JHU_Ag_47365	ATPIDVLCDGHPEEFAK	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	C8(Carbamidomethyl)	47	0.000292964	1	1898.899	1.85	Midgut	2R:+:47718520-47718534,47718625-47718660;2R:+:47718520-47718534,47718625-47718660;2R:+:47718520-47718534,47718625-47718660;2R:+:47718520-47718534,47718625-47718660	exon=> In CDS Exon 5 and 6 of transcript AGAP003997-PD;exon=> In CDS Exon 6 and 7 of transcript AGAP003997-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP003997-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP003997-PC
JHU_Ag_66775	RLDFFETPDYDHLR	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	-	48	0.000263661	1	1823.883	6.36	Midgut	2R:+:47718679-47718720;2R:+:47718679-47718720;2R:+:47718679-47718720;2R:+:47718679-47718720	exon=> In CDS Exon 6 of transcript AGAP003997-PD;exon=> In CDS Exon 7 of transcript AGAP003997-PB;exon=> In CDS Exon 7 of transcript AGAP003997-PA;exon=> In CDS Exon 6 of transcript AGAP003997-PC

JHU_Ag_68241	APQLHLEYR	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	-	52	7.24E-05	1	1126.597	-3.41	Head	2R:+:47703331-47703357;2R:+:47703331-47703357;2R:+:47703331-47703357;2R:+:47703331-47703357	exon=> In CDS Exon 2 of transcript AGAP003997-PD;exon=> In CDS Exon 3 of transcript AGAP003997-PB;exon=> In CDS Exon 3 of transcript AGAP003997-PA;exon=> In CDS Exon 2 of transcript AGAP003997-PC
JHU_Ag_72243	LFQDLFYFK	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	-	38	0.002110389	2	1220.640	3.7	Head	2R:+:47718724-47718750;2R:+:47718724-47718750;2R:+:47718724-47718750;2R:+:47718724-47718750	exon=> In CDS Exon 6 of transcript AGAP003997-PD;exon=> In CDS Exon 7 of transcript AGAP003997-PB;exon=> In CDS Exon 7 of transcript AGAP003997-PA;exon=> In CDS Exon 6 of transcript AGAP003997-PC
JHU_Ag_72793	IGCGNFGELR	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	C3(Carbamidomethyl)	50	0.000152332	2	1122.538	1.69	Head	2R:+:47694686-47694715;2R:+:47694686-47694715;2R:+:47694686-47694715;2R:+:47694686-47694715	exon=> In CDS Exon 1 of transcript AGAP003997-PD;exon=> In CDS Exon 2 of transcript AGAP003997-PB;exon=> In CDS Exon 2 of transcript AGAP003997-PA;exon=> In CDS Exon 1 of transcript AGAP003997-PC
JHU_Ag_103639	GYVDDGEFDWTGK	AGAP003997-PD,AGAP003997-PB,AGAP003997-PA,AGAP003997-PC	-	50	4.57E-05	2	1488.636	5.26	Head	2R:+:47718751-47718789;2R:+:47718751-47718789;2R:+:47718751-47718789;2R:+:47718751-47718789	exon=> In CDS Exon 6 of transcript AGAP003997-PD;exon=> In CDS Exon 7 of transcript AGAP003997-PB;exon=> In CDS Exon 7 of transcript AGAP003997-PA;exon=> In CDS Exon 6 of transcript AGAP003997-PC
JHU_Ag_74079	FAGSEEYYCSLFR	AGAP003999-PA	C9(Carbamidomethyl)	96	1.63E-09	2	1628.703	-1.06	Midgut	2R:-:47722349-47722311	exon=> In CDS Exon 3 of transcript AGAP003999-PA
JHU_Ag_87007	KHLAGWILTNEYGALAHLYIQPAHR	AGAP003999-PA	-	43	0.000260191	1	2872.546	2.99	Malpighian tubule	2R:-:47722256-47722182	exon=> In CDS Exon 3 of transcript AGAP003999-PA
JHU_Ag_94359	CLREDEISLLR	AGAP003999-PA	C1(Carbamidomethyl)	49	0.000246 86	2	1403.737	4.3	Midgut	2R:-:47723069-47723037	exon=> In CDS Exon 1 of transcript AGAP003999-PA
JHU_Ag_109194	FAGSEEYYCSLFR	AGAP003999-PA	C9(Carbamidomethyl)	65	2.14E-06	1	1628.711	3.44	Malpighian tubule	2R:-:47722349-47722311	exon=> In CDS Exon 3 of transcript AGAP003999-PA
JHU_Ag_6664	ILLPKGLVSSQK	AGAP004000-PA	Q11(Deamidated)	28	0.003689266	1	1283.785	-6.66	Malpighian tubule	2R:-:47753355-47753320	exon=> In CDS Exon 10 of transcript AGAP004000-PA
JHU_Ag_31487	ILLPK	AGAP004000-PA	-	27	0.001808918	1	583.418	-0.22	Pupa	2R:-:47753355-47753341	exon=> In CDS Exon 10 of transcript AGAP004000-PA
JHU_Ag_66799	DGLSSSGGSSSTTTTTTTK	AGAP004000-PA	-	85	4.08E-08	2	1775.815	0.73	Head	2R:-:47747605-47747549	exon=> In CDS Exon 12 of transcript AGAP004000-PA
JHU_Ag_202	AIGDLISEAMKR	AGAP004002-PA	M10(Oxidation)	68	2.02E-06	1	1319.700	1.15	Salivary gland	2R:-:47809264-47809229	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_837	VEELKGDFGYDALNNEYVNMIEK	AGAP004002-PA	-	80	1.65E-07	1	2690.278	4.56	Pupa	2R:-:47808325-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_1052	IGLQVAAVK	AGAP004002-PA	-	64	9.84E-07	2	898.572	-0.49	Midgut	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_1214	KVNTPEEIAQVATISANGDR	AGAP004002-PA	-	80	1.33E-07	1	2113.093	2.27	Head	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_1742	VNDALCATR	AGAP004002-PA	C6(Carbamidomethyl)	50	0.000155128	2	1019.491	-2.6	Male reproductive organs	2R:-:47808544-47808518	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_2124	GYISPYFINSSK	AGAP004002-PA	-	51	0.000127179	1	1375.693	2.74	Malpighian tubule	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_2289	VGGSSEVEVNEK	AGAP004002-PA	-	98	2.81E-09	2	1233.594	-1.33	Pupa	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_2637	IGLQVAAVK	AGAP004002-PA	-	70	2.49E-07	2	898.574	1.75	Malpighian tubule	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_2878	VEFQDALVLFSEK	AGAP004002-PA	-	109	1.42E-10	1	1524.798	2.06	Malpighian tubule	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_3218	DQIAETTSEYEK	AGAP004002-PA	-	77	2.08E-07	2	1413.642	2.9	Midgut	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_4053	LEDVQLSDLGQVGEITITKDDCLLLK	AGAP004002-PA	C22(Carbamidomethyl)	97	1.31E-09	1	2915.541	4.2	Salivary gland	2R:-:47808805-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_4072	AIGDLISEAMKR	AGAP004002-PA	M10(Oxidation)	85	4.05E-08	1	1303.707	2.6	Ovary	2R:-:47809264-47809229	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_4170	NAGVDGSVVVAK	AGAP004002-PA	-	64	5.42E-06	1	1115.602	-3.01	Salivary gland	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_5307	VEFQDALVLFSEKK	AGAP004002-PA	-	36	0.001592902	1	1652.893	2.37	Salivary gland	2R:-:47809096-47809055	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_5941	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	152	9.19E-15	2	2560.247	-0.5	Midgut	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_6217	ADQIRDQIAETTSEYEK	AGAP004002-PA	-	44	0.000600918	2	1996.948	1.27	Ovary	2R:-:47808694-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_6637	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	78	1.42E-07	2	2058.096	-0.41	Male reproductive organs	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_7112	NAGVDGSVVVAK	AGAP004002-PA	-	57	2.40E-05	1	1115.614	7.27	Pupa	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_7207	TLNDELEVIEGMKFDR	AGAP004002-PA	M12(Oxidation)	100	1.53E-09	1	1924.933	0.44	Malpighian tubule	2R:-:47809189-47809142	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_7211	LEDVQLSDLGQVGEITITKDDCLLLK	AGAP004002-PA	C22(Carbamidomethyl)	109	1.06E-10	1	2915.525	-1.27	Pupa	2R:-:47808805-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_7269	GYISPYFINSSK	AGAP004002-PA	-	71	1.38E-06	1	1375.691	1.05	Pupa	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_7310	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation)	104	3.74E-10	1	2131.127	5.98	Larva	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_8051	VNDALCATR	AGAP004002-PA	C6(Carbamidomethyl)	43	0.000755993	2	1019.493	-0.74	Malpighian tubule	2R:-:47808544-47808518	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_8892	RGVMLAVDTVK	AGAP004002-PA	M4(Oxidation)	32	0.004350015	2	1204.675	2.25	Malpighian tubule	2R:-:47809381-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_9134	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation),M18(Oxidation),M3(Oxidation)	149	1.33E-14	1	2131.124	4.67	Malpighian tubule	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_10270	DRVNDALCATR	AGAP004002-PA	C8(Carbamidomethyl)	65	4.08E-06	2	1290.624	1.43	Malpighian tubule	2R:-:47808550-47808518	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_12466	AIGDLISEAMK	AGAP004002-PA	-	69	2.42E-06	1	1147.603	-0.2	Pupa	2R:-:47809264-47809232	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_13691	DQIAETTSEYEKEK	AGAP004002-PA	-	77	2.72E-07	1	1670.778	1.28	Visceras	2R:-:47808679-47808638	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_13851	RADQIR	AGAP004002-PA	-	42	0.000809166	2	758.427	0.09	Head	2R:-:47808697-47808680	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_14052	LSSGVAVLK	AGAP004002-PA	-	60	3.06E-06	2	873.541	0.78	Male reproductive organs	2R:-:47808616-47808590	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_14839	VEFQDALVLFSEK	AGAP004002-PA	-	115	3.35E-11	1	1524.798	2.06	Male reproductive organs	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_16312	KISTVQSIIPALEMANQQR	AGAP004002-PA	M14(Oxidation)	53	2.93E-05	3	2143.164	4.71	Visceras	2R:-:47809057-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_16432	APGFGDNRK	AGAP004002-PA	-	55	7.18E-05	1	961.485	0.16	Ovary	2R:-:47808901-47808875	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_16867	TLNDELEVIEGMKFDR	AGAP004002-PA	M12(Oxidation)	75	4.82E-07	1	1924.935	1.48	Visceras	2R:-:47809189-47809142	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_17498	TALSDASGVASLLTTAEAVVTEIPK	AGAP004002-PA	-	117	8.94E-12	1	2444.330	6.81	Salivary gland	2R:-:47808226-47808152	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_18161	VNTPEEIAQVATISANGDR	AGAP004002-PA	-	82	1.04E-07	2	1985.001	3.96	Ovary	2R:-:47809321-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_19009	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	66	1.68E-06	1	1609.894	1.75	Pupa	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_20659	GYISPYFINSSK	AGAP004002-PA	-	84	7.56E-08	1	1375.693	2.83	Ovary	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_22406	KVNTPEEIAQVATISANGDR	AGAP004002-PA	-	128	1.78E-12	1	2113.093	2.16	Visceras	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_22512	LEDVQLSDLGQVGEITITKDDCLLLK	AGAP004002-PA	C22(Carbamidomethyl)	81	5.49E-08	1	2915.537	2.94	Ovary	2R:-:47808805-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_22743	GDFGYDALNNEYVNMIEK	AGAP004002-PA	-	118	1.43E-11	1	2091.934	0.6	Pupa	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_23060	TLNDELEVIEGMK	AGAP004002-PA	M12(Oxidation)	90	1.80E-08	2	1506.736	0.05	Midgut	2R:-:47809189-47809151	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_23096	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	94	2.52E-09	1	1609.893	1.45	Head	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_23211	VEELKGDFGYDALNNEYVNMIEK	AGAP004002-PA	M20(Oxidation)	56	3.87E-05	1	2706.269	3.14	Male reproductive organs	2R:-:47808325-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_23268	KISTVQSIIPALEMANQQR	AGAP004002-PA	M14(Oxidation)	92	4.22E-09	1	2143.154	0.01	Midgut	2R:-:47809057-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_23325	VGGSSEVEVNEK	AGAP004002-PA	-	79	2.51E-07	2	1233.602	4.71	Salivary gland	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_23376	VNDALCATR	AGAP004002-PA	C6(Carbamidomethyl)	51	0.000119266	2	1019.493	-0.98	Salivary gland	2R:-:47808544-47808518	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_24325	LEDVQLSDLGQVGEITITKDDCLLLK	AGAP004002-PA	C22(Carbamidomethyl)	90	7.42E-09	1	2915.537	3	Visceras	2R:-:47808805-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_24562	TALSDASGVASLLTTAEAVVTEIPKEEPAGPMGGMGGMGGMGGMGGMGGMM	AGAP004002-PA	M32(Oxidation), M35(Oxidation), M38(Oxidation), M41(Oxidation), M44(Oxidation), M47(Oxidation), M50(Oxidation), M51(Oxidation)	128	3.59E-13	1	4885.097	-1.26	Malpighian tubule	2R:-:47808226-47808074	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_25180	GANEDQNTGIEIVR	AGAP004002-PA	-	116	2.87E-11	1	1515.738	-1.25	Malpighian tubule	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_26686	GDFGYDALNNEYVNMIEK	AGAP004002-PA	M15(Oxidation)	100	9.01E-10	1	2107.930	0.92	Salivary gland	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_26808	NAGVDGSVVVAK	AGAP004002-PA	-	48	0.000224829	2	1115.610	3.66	Ovary	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_27022	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	120	1.68E-11	2	2560.253	1.69	Salivary gland	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_27154	DDCLLLK	AGAP004002-PA	C3(Carbamidomethyl)	38	0.003486521	1	876.450	0.22	Midgut	2R:-:47808748-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_28176	STLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	M6(Oxidation)	159	2.08E-15	1	2327.151	3.02	Ovary	2R:-:47808874-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_29816	GKQEDVNR	AGAP004002-PA	-	37	0.002303349	1	945.474	-1.01	Male reproductive organs	2R:-:47808721-47808698	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_30219	TALSDASGVASLLTTAEAVVTEIPKEEPAGPMGGMGGMGGMGGMGGMGGMM	AGAP004002-PA	M32(Oxidation), M35(Oxidation), M38(Oxidation), M41(Oxidation), M44(Oxidation), M47(Oxidation), M50(Oxidation), M51(Oxidation)	95	9.65E-10	1	4885.119	3.14	Ovary	2R:-:47808226-47808074	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_30463	VNTPEEIAQVATISANGDR	AGAP004002-PA	N16(Deamidated)	56	4.29E-05	2	1985.982	2.42	Pupa	2R:-:47809321-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_30592	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	112	4.34E-11	1	1609.893	1.22	Malpighian tubule	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_30858	GYISPYFINSSK	AGAP004002-PA	-	73	9.86E-07	2	1375.689	-0.01	Midgut	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_30948	GANEDQNTGIEIVR	AGAP004002-PA	-	91	1.05E-08	1	1515.745	3.26	Larva	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_31218	TLNDELEVIEGMK	AGAP004002-PA	M12(Oxidation)	90	1.78E-08	1	1490.742	0.49	Pupa	2R:-:47809189-47809151	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_31247	KISTVQSIIPALEMANQQR	AGAP004002-PA	M14(Oxidation)	97	1.45E-09	1	2143.161	3.09	Ovary	2R:-:47809057-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_31329	GDFGYDALNNEYVNMIEK	AGAP004002-PA	M15(Oxidation)	74	3.10E-07	1	2107.933	2.66	Larva	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_31438	VGGSSEVEVNEKK	AGAP004002-PA	-	74	6.22E-07	1	1361.701	7.22	Male reproductive organs	2R:-:47808589-47808551	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_31796	LSSGVAVLK	AGAP004002-PA	-	40	0.000258729	2	873.542	1.76	Ovary	2R:-:47808616-47808590	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_31874	GVMLAVDTVK	AGAP004002-PA	M3(Oxidation)	77	2.54E-07	1	1048.572	1.58	Malpighian tubule	2R:-:47809378-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_32651	GANPVEIR	AGAP004002-PA	-	51	4.32E-05	1	855.472	3.89	Ovary	2R:-:47809405-47809382	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_33174	TALSDASGVASLLTTAEAVVTEIPK	AGAP004002-PA	-	148	1.08E-14	1	2444.316	1.05	Malpighian tubule	2R:-:47808226-47808152	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_33261	DQIAETTSEYEKEK	AGAP004002-PA	-	98	2.45E-09	1	1670.775	-0.47	Midgut	2R:-:47808679-47808638	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_33280	VEFQDALVLFSEK	AGAP004002-PA	-	109	1.42E-10	1	1524.799	2.7	Pupa	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_33299	GANEDQNTGIEIVR	AGAP004002-PA	-	103	6.77E-10	1	1515.742	1.09	Visceras	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_33830	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation),M18(Oxidation)	130	1.14E-12	1	2131.117	1.57	Midgut	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_34772	DQIAETTSEYEK	AGAP004002-PA	-	85	2.98E-08	2	1413.642	2.81	Malpighian tubule	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_35280	TLNDELEVIEGMK	AGAP004002-PA	M12(Oxidation)	62	1.28E-05	2	1506.741	3.7	Ovary	2R:-:47809189-47809151	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_35305	TLNDELEVIEGMKFDR	AGAP004002-PA	M12(Oxidation)	82	1.04E-07	1	1924.934	1.01	Midgut	2R:-:47809189-47809142	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_35350	TLNDELEVIEGMK	AGAP004002-PA	M12(Oxidation)	112	1.09E-10	2	1490.744	2.21	Head	2R:-:47809189-47809151	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_35458	AIGDLISEAMK	AGAP004002-PA	M10(Oxidation)	64	7.54E-06	1	1147.602	-0.73	Salivary gland	2R:-:47809264-47809232	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_35976	VEFQDALVLFSEKK	AGAP004002-PA	-	37	0.001277339	1	1652.893	2.04	Visceras	2R:-:47809096-47809055	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_36315	AIGDLISEAMKR	AGAP004002-PA	M10(Oxidation)	47	0.000260777	1	1319.698	-0.76	Pupa	2R:-:47809264-47809229	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_36540	VGGSSEVEVNEK	AGAP004002-PA	-	77	3.63E-07	1	1233.600	3.22	Larva	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_36554	VGGSSEVEVNEKK	AGAP004002-PA	-	103	8.92E-10	1	1361.692	0.77	Ovary	2R:-:47808589-47808551	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_36808	DQIAETTSEYEKEK	AGAP004002-PA	-	100	1.46E-09	1	1670.776	0.19	Malpighian tubule	2R:-:47808679-47808638	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_36884	DDCLLLK	AGAP004002-PA	C3(Carbamidomethyl)	41	0.001841949	2	876.449	-0.49	Pupa	2R:-:47808748-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_37176	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation),M18(Oxidation)	166	2.83E-16	1	2131.124	4.9	Ovary	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_37338	MPCTQIAK	AGAP004002-PA	C3(Carbamidomethyl)	47	0.000364006	1	948.465	1	Ovary	2R:-:47808385-47808362	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_38285	DDCLLLK	AGAP004002-PA	C3(Carbamidomethyl)	43	0.001175649	2	876.449	-0.42	Malpighian tubule	2R:-:47808748-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_38552	GKQEDVNR	AGAP004002-PA	-	50	0.000167181	1	945.477	1.89	Ovary	2R:-:47808721-47808698	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_40371	GDFGYDALNNEYVNMIEK	AGAP004002-PA	M15(Oxidation)	121	5.55E-12	1	2107.925	-1.16	Midgut	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_40675	GANPVEIRR	AGAP004002-PA	-	50	6.22E-05	1	1011.569	-0.5	Ovary	2R:-:47809405-47809379	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_40766	GIIDPTK	AGAP004002-PA	-	43	0.000596768	1	743.432	3.19	Male reproductive organs	2R:-:47808256-47808236	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_41187	LSSGVAVLK	AGAP004002-PA	-	47	5.34E-05	2	873.540	-0.2	Midgut	2R:-:47808616-47808590	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_41582	GANPVEIRR	AGAP004002-PA	-	41	0.00043639	1	1011.569	-0.5	Pupa	2R:-:47809405-47809379	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_41656	GVMLAVDTVKEHLK	AGAP004002-PA	M3(Oxidation)	106	1.38E-10	1	1539.862	3.38	Ovary	2R:-:47809378-47809337	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_41695	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	140	1.61E-13	2	2560.254	2.07	Visceras	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_42685	GIIDPTK	AGAP004002-PA	-	38	0.001931103	1	743.431	1.95	Ovary	2R:-:47808256-47808236	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_43052	TLNDELEVIEGMK	AGAP004002-PA	-	90	1.71E-08	1	1490.739	-1.47	Salivary gland	2R:-:47809189-47809151	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_43156	NAGVDGSVVVAK	AGAP004002-PA	-	68	2.16E-06	1	1115.605	-0.17	Head	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_43808	NAGVDGSVVVAK	AGAP004002-PA	-	71	1.15E-06	2	1115.603	-2.68	Midgut	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_43905	KVNTPEEIAQVATISANGDR	AGAP004002-PA	N17(Deamidated)	147	2.32E-14	1	2114.072	-0.09	Midgut	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_44204	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	120	8.15E-12	1	2058.107	5.17	Salivary gland	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_44268	AIGDLISEAMK	AGAP004002-PA	-	65	5.53E-06	2	1147.603	0.02	Midgut	2R:-:47809264-47809232	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_44576	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	139	9.63E-14	1	2058.106	4.34	Malpighian tubule	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_44682	AIGDLISEAMKR	AGAP004002-PA	M10(Oxidation)	55	3.85E-05	1	1319.700	0.78	Malpighian tubule	2R:-:47809264-47809229	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_45147	KVNTPEEIAQVATISANGDR	AGAP004002-PA	N17(Deamidated)	107	2.57E-10	2	2114.077	2.1	Salivary gland	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_45302	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	176	1.92E-17	1	2058.105	4.1	Ovary	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_46305	GDFGYDALNNEYVNMIEK	AGAP004002-PA	-	77	1.73E-07	2	2091.937	1.76	Visceras	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_46470	APGFGDNR	AGAP004002-PA	-	41	0.000891599	2	833.390	0.04	Midgut	2R:-:47808901-47808878	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_46871	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation)	95	3.43E-09	1	2131.113	-0.29	Male reproductive organs	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_47901	GDFGYDALNNEYVNMIEK	AGAP004002-PA	M15(Oxidation)	138	1.40E-13	1	2107.934	3	Ovary	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_48433	NVILEQSWGSPK	AGAP004002-PA	-	92	8.22E-09	2	1357.715	2.52	Salivary gland	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_48711	NAGVDGSVVVAK	AGAP004002-PA	-	40	0.001232317	2	1115.608	2.57	Larva	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_49179	TLNDELEVIEGMKFDR	AGAP004002-PA	M12(Oxidation)	105	5.69E-10	2	1908.941	1.75	Ovary	2R:-:47809189-47809142	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_49298	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	72	3.05E-07	1	1609.899	4.79	Larva	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_49845	LSSGVAVLK	AGAP004002-PA	-	53	2.51E-05	2	873.530	-12.14	Salivary gland	2R:-:47808616-47808590	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_49914	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	229	2.21E-22	1	2560.254	2.17	Ovary	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_49939	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	60	9.26E-06	2	1999.071	3.58	Pupa	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_50051	STLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	M6(Oxidation)	65	4.62E-06	2	2327.153	4.07	Salivary gland	2R:-:47808874-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_50170	TALSDASGVASLLTTAEAVVTEIPK	AGAP004002-PA	-	127	1.01E-12	1	2444.319	2.24	Pupa	2R:-:47808226-47808152	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_50256	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	65	2.09E-06	1	1609.891	0.09	Male reproductive organs	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_50670	GANPVEIR	AGAP004002-PA	-	45	0.000168526	2	855.470	2.17	Male reproductive organs	2R:-:47809405-47809382	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_51041	KPLVIIAEDVDGEALSTLVVNR	AGAP004002-PA	-	52	1.52E-05	1	2351.320	0.74	Visceras	2R:-:47809000-47808935	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_51053	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	149	9.98E-15	1	2058.091	-2.78	Head	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_51061	KVNTPEEIAQVATISANGDR	AGAP004002-PA	N17(Deamidated)	115	4.26E-11	2	2114.074	0.72	Male reproductive organs	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_51170	GYISPYFINSSK	AGAP004002-PA	-	76	4.81E-07	1	1375.695	4.43	Salivary gland	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_51233	DQIAETTSEYEK	AGAP004002-PA	-	63	5.47E-06	1	1413.639	0.48	Visceras	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_51677	LEDVQLSDLGQVGEITITKDDCLLLK	AGAP004002-PA	C22(Carbamidomethyl)	97	1.46E-09	1	2915.527	-0.51	Midgut	2R:-:47808805-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_52346	STLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	M6(Oxidation)	89	2.13E-08	1	2327.138	-2.54	Head	2R:-:47808874-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_52548	STLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	M6(Oxidation)	94	5.94E-09	1	2327.145	0.51	Midgut	2R:-:47808874-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_52668	TALSDASGVASLLTTAEAVVTEIPK	AGAP004002-PA	-	162	3.01E-16	1	2444.326	5.35	Ovary	2R:-:47808226-47808152	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_53440	VEELKGDFGYDALNNEYVNMIEK	AGAP004002-PA	M20(Oxidation)	87	2.73E-08	1	2706.258	-0.78	Midgut	2R:-:47808325-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_53469	VEFQDALVLFSEK	AGAP004002-PA	-	132	7.62E-13	1	1524.802	4.86	Ovary	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_54479	VGGSSEVEVNEK	AGAP004002-PA	-	81	1.21E-07	2	1233.594	-1.72	Midgut	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_55443	VNDALCATR	AGAP004002-PA	C6(Carbamidomethyl)	59	2.00E-05	2	1019.496	1.71	Ovary	2R:-:47808544-47808518	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_56289	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	63	5.35E-06	2	2015.060	0.68	Male reproductive organs	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_56374	IGLQVAAVK	AGAP004002-PA	-	68	3.44E-07	1	898.575	3.18	Larva	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_57467	GVMLAVDTVK	AGAP004002-PA	M3(Oxidation)	48	0.000221991	1	1048.569	-2.07	Pupa	2R:-:47809378-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_57731	LSSGVAVLK	AGAP004002-PA	-	46	7.90E-05	1	873.540	-0.96	Pupa	2R:-:47808616-47808590	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_58242	RADQIR	AGAP004002-PA	-	31	0.006396567	1	758.428	1.7	Ovary	2R:-:47808697-47808680	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_58526	IGLQVAAVK	AGAP004002-PA	-	70	2.28E-07	1	898.576	4.27	Ovary	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_58557	GAKVEFQDALVLFSEK	AGAP004002-PA	-	55	2.99E-05	2	1780.953	2.93	Ovary	2R:-:47809105-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_59223	KPLVIIAEDVDGEALSTLVVNR	AGAP004002-PA	-	66	4.48E-07	1	2351.327	3.85	Ovary	2R:-:47809000-47808935	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_59611	GANEDQNTGIEIVR	AGAP004002-PA	-	115	4.63E-11	1	1515.743	2.38	Ovary	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_60156	GVMLAVDTVK	AGAP004002-PA	M3(Oxidation)	43	0.000600171	2	1048.573	1.93	Salivary gland	2R:-:47809378-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_60390	STLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	M6(Oxidation)	80	1.35E-07	2	2327.150	2.81	Larva	2R:-:47808874-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_61263	APGFGDNR	AGAP004002-PA	-	43	0.000730422	2	833.393	4.07	Ovary	2R:-:47808901-47808878	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_61541	DDCLLLK	AGAP004002-PA	C3(Carbamidomethyl)	47	0.000473579	2	876.449	-0.14	Head	2R:-:47808748-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_61908	KPLVIIAEDVDGEALSTLVVNR	AGAP004002-PA	-	69	2.25E-07	1	2351.324	2.61	Pupa	2R:-:47809000-47808935	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_62147	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	134	3.16E-13	1	2058.099	1.02	Pupa	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_62223	IGLQVAAVK	AGAP004002-PA	-	67	5.18E-07	2	898.572	-0.01	Salivary gland	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_62751	AIGDLISEAMK	AGAP004002-PA	M10(Oxidation)	79	2.03E-07	2	1147.607	3.53	Malpighian tubule	2R:-:47809264-47809232	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_64071	GANEDQNTGIEIVR	AGAP004002-PA	-	110	1.13E-10	1	1515.739	-0.44	Pupa	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_64422	NVILEQSWGSPK	AGAP004002-PA	-	65	3.31E-06	2	1357.711	0	Malpighian tubule	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_64471	KPLVIIAEDVDGEALSTLVVNR	AGAP004002-PA	-	97	4.09E-10	2	2351.322	1.45	Salivary gland	2R:-:47809000-47808935	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_66267	IGLQVAAVK	AGAP004002-PA	-	69	3.73E-07	1	898.571	-1.03	Pupa	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_66492	KVNTPEEIAQVATISANGDR	AGAP004002-PA	N17(Deamidated)	138	1.93E-13	1	2113.092	1.59	Ovary	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_66676	VGGSSEVEVNEKK	AGAP004002-PA	-	63	9.26E-06	1	1361.692	0.86	Salivary gland	2R:-:47808589-47808551	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_67024	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	78	9.60E-08	1	1609.888	-1.51	Midgut	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_67331	VGGSSEVEVNEKK	AGAP004002-PA	-	73	9.04E-07	1	1361.691	0.23	Midgut	2R:-:47808589-47808551	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_67464	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	136	3.97E-13	2	2560.252	1.5	Head	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_67626	APGFGDNRK	AGAP004002-PA	-	53	0.000104947	1	961.485	0.29	Malpighian tubule	2R:-:47808901-47808875	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_67721	GRNVILEQSWGSPK	AGAP004002-PA	-	68	1.64E-06	1	1570.838	2.94	Ovary	2R:-:47809630-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_67814	KISTVQSIIPALEMANQQR	AGAP004002-PA	M14(Oxidation)	70	7.82E-07	1	2143.156	0.86	Male reproductive organs	2R:-:47809057-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_68071	KPLVIIAEDVDGEALSTLVVNR	AGAP004002-PA	-	125	9.34E-13	2	2351.316	-1.05	Midgut	2R:-:47809000-47808935	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_68162	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	86	1.67E-08	2	2058.111	6.95	Midgut	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_69755	LEDVQLSDLGQVGEITITKDDCLLLK	AGAP004002-PA	C22(Carbamidomethyl)	161	5.45E-16	1	2915.543	4.89	Malpighian tubule	2R:-:47808805-47808728	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_69922	GANEDQNTGIEIVRR	AGAP004002-PA	-	54	5.14E-05	1	1671.844	1.87	Ovary	2R:-:47808439-47808395	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_70087	TLNDELEVIEGMKFDR	AGAP004002-PA	M12(Oxidation)	70	1.73E-06	1	1924.926	-2.98	Male reproductive organs	2R:-:47809189-47809142	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_70219	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	105	3.66E-10	1	2015.068	4.26	Ovary	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_70381	VEFQDALVLFSEKK	AGAP004002-PA	-	37	0.001286193	1	1652.894	2.93	Pupa	2R:-:47809096-47809055	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_70651	VEFQDALVLFSEK	AGAP004002-PA	-	116	3.44E-11	1	1524.794	-0.5	Midgut	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_70710	GDFGYDALNNEYVNMIEK	AGAP004002-PA	M15(Oxidation)	158	1.77E-15	1	2091.940	3.4	Malpighian tubule	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_71046	VEFQDALVLFSEK	AGAP004002-PA	-	110	1.10E-10	1	1524.800	3.5	Visceras	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_71950	KVNTPEEIAQVATISANGDR	AGAP004002-PA	N17(Deamidated)	119	1.42E-11	1	2113.090	0.63	Malpighian tubule	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_72468	VGGSSEVEVNEK	AGAP004002-PA	-	72	1.11E-06	2	1233.599	2.63	Male reproductive organs	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_72647	STLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	M6(Oxidation)	135	4.70E-13	1	2311.156	3.27	Malpighian tubule	2R:-:47808874-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_72719	APGFGDNRK	AGAP004002-PA	-	55	7.65E-05	1	961.482	-3.14	Head	2R:-:47808901-47808875	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_73801	NVILEQSWGSPK	AGAP004002-PA	N1(Deamidated)	78	1.64E-07	2	1357.707	-3.32	Midgut	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_74139	DQIAETTSEYEK	AGAP004002-PA	-	45	0.000292709	2	1413.639	0.83	Male reproductive organs	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_74523	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	222	9.24E-22	1	2560.255	2.36	Malpighian tubule	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_75089	AIGDLISEAMKR	AGAP004002-PA	M10(Oxidation)	72	9.26E-07	1	1319.699	0.23	Midgut	2R:-:47809264-47809229	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_75193	VEFQDALVLFSEK	AGAP004002-PA	-	121	8.28E-12	1	1524.796	1.26	Salivary gland	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_75383	LSSGVAVLK	AGAP004002-PA	-	45	9.93E-05	2	873.541	1.06	Head	2R:-:47808616-47808590	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_75804	NVILEQSWGSPK	AGAP004002-PA	-	89	1.58E-08	2	1357.715	2.79	Head	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_76470	VNTPEEIAQVATISANGDR	AGAP004002-PA	-	127	3.47E-12	1	1984.994	0.4	Head	2R:-:47809321-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_76812	ADQIRDQIAETTSEYEK	AGAP004002-PA	-	66	3.27E-06	2	1996.948	1.02	Pupa	2R:-:47808694-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_77073	GDFGYDALNNEYVNMIEK	AGAP004002-PA	M15(Oxidation)	141	8.44E-14	1	2091.934	0.71	Head	2R:-:47808310-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_77106	GVMLAVDTVK	AGAP004002-PA	M3(Oxidation)	40	0.001237847	2	1048.571	-0.16	Male reproductive organs	2R:-:47809378-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_77628	LSSGVAVLK	AGAP004002-PA	-	60	2.90E-06	2	873.543	2.46	Malpighian tubule	2R:-:47808616-47808590	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_77863	CAPALANLK	AGAP004002-PA	C1(Carbamidomethyl)	39	0.001006853	1	957.520	1.86	Ovary	2R:-:47808466-47808440	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_78223	GANPVEIR	AGAP004002-PA	-	41	0.000552464	2	855.468	-0.32	Midgut	2R:-:47809405-47809382	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_78586	CAPALANLKGANEDQNTGIEIVR	AGAP004002-PA	C1(Carbamidomethyl)	53	5.84E-05	1	2454.247	2.57	Ovary	2R:-:47808466-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_79197	VEFQDALVLFSEKK	AGAP004002-PA	-	79	7.10E-08	1	1652.904	8.62	Malpighian tubule	2R:-:47809096-47809055	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_79272	GIIDPTK	AGAP004002-PA	-	38	0.000822 7	1	743.429	-1	Midgut	2R:-:47808256-47808236	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_79740	VEELKGDFGYDALNNEYVNMIEK	AGAP004002-PA	M20(Oxidation)	49	0.000204 14	1	2706.279	6.73	Larva	2R:-:47808325-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_79821	GYISPYFINSSK	AGAP004002-PA	-	65	4.99E-06	2	1375.692	1.68	Visceras	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_80257	FQNIGAK	AGAP004002-PA	-	38	0.002553 699	1	777.425	-0.14	Midgut	2R:-:47809537-47809517	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_80381	VGGSSEVEVNEKK	AGAP004002-PA	-	97	3.46E-09	1	1361.690	-0.48	Pupa	2R:-:47808589-47808551	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_81310	VGGSSEVEVNEK	AGAP004002-PA	-	91	1.30E-08	1	1233.600	3.72	Ovary	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_82380	TLNDELEVIEGMKFDR	AGAP004002-PA	M12(Oxidation)	67	3.33E-06	1	1924.935	1.39	Salivary gland	2R:-:47809189-47809142	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_82477	DQIAETTSEYEKEK	AGAP004002-PA	-	48	0.000220 404	1	1670.779	2.02	Salivary gland	2R:-:47808679-47808638	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_83719	VEELKGDFGYDALNNEYVNMIEK	AGAP004002-PA	M20(Oxidation)	109	1.82E-10	1	2690.273	2.65	Ovary	2R:-:47808325-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_83924	KVNTPEEIAQVATISANGDR	AGAP004002-PA	N17(Deamidated)	118	2.12E-11	1	2114.073	0.02	Pupa	2R:-:47809324-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_85009	RGVMLAVDTVK	AGAP004002-PA	M4(Oxidation)	37	0.001916 454	1	1204.668	-2.92	Head	2R:-:47809381-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_85153	KISTVQSIIPALEMANQQR	AGAP004002-PA	M14(Oxidation)	94	2.49E-09	1	2143.160	2.74	Malpighian tubule	2R:-:47809057-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_86780	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	60	1.07E-05	2	2015.065	2.92	Salivary gland	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_86831	GYISPYFINSSK	AGAP004002-PA	-	63	7.85E-06	1	1375.691	1.23	Head	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_87431	GVMLAVDTVK	AGAP004002-PA	M3(Oxidation)	39	0.001600 923	2	1048.575	4.38	Ovary	2R:-:47809378-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_87821	GYISPYFINSSK	AGAP004002-PA	-	50	0.000163 085	2	1375.692	2.12	Male reproductive organs	2R:-:47809141-47809106	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_87956	DQIAETTSEYEK	AGAP004002-PA	-	99	1.15E-09	2	1413.639	0.48	Pupa	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_88142	AIGDLISEAMK	AGAP004002-PA	M10(Oxidation)	55	5.48E-05	2	1147.608	4.48	Ovary	2R:-:47809264-47809232	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_89477	VEFQDALVLFSEK	AGAP004002-PA	-	117	2.15E-11	1	1524.798	2.22	Head	2R:-:47809096-47809058	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_90668	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	125	1.73E-12	1	1609.897	3.8	Ovary	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_91853	GANPVEIR	AGAP004002-PA	-	50	6.67E-05	1	855.468	-0.25	Pupa	2R:-:47809405-47809382	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_92722	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	98	1.18E-09	2	2058.103	3.15	Larva	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_94279	NAGVDGSVVVAK	AGAP004002-PA	-	85	3.89E-08	1	1115.607	1.04	Malpighian tubule	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_94357	STLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	M6(Oxidation)	59	2.04E-05	2	2327.145	0.61	Pupa	2R:-:47808874-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_94726	DRVNDALCATR	AGAP004002-PA	C8(Carbamidomethyl)	68	2.25E-06	1	1290.625	2	Ovary	2R:-:47808550-47808518	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_96213	DQIAETTSEYEKEK	AGAP004002-PA	-	84	5.18E-08	1	1670.779	1.94	Ovary	2R:-:47808679-47808638	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_96657	NVILEQSWGSPK	AGAP004002-PA	-	96	3.07E-09	2	1357.714	1.98	Ovary	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_96672	GANPVEIRR	AGAP004002-PA	-	34	0.002409213	2	1011.569	-0.2	Midgut	2R:-:47809405-47809379	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_97012	KISTVQSIIPALEMANQQR	AGAP004002-PA	M14(Oxidation)	85	1.54E-08	1	2127.168	4.02	Salivary gland	2R:-:47809057-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_97044	AIGDLISEAMK	AGAP004002-PA	M10(Oxidation)	67	3.20E-06	2	1147.602	-0.41	Head	2R:-:47809264-47809232	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_97262	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation)	95	3.04E-09	1	2131.120	3.06	Head	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_98270	GVMLAVDTVKEHLK	AGAP004002-PA	M3(Oxidation)	52	6.03E-05	1	1555.851	-0.37	Male reproductive organs	2R:-:47809378-47809337	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_98612	DQIAETTSEYEK	AGAP004002-PA	Q2(Deamidated)	103	5.76E-10	1	1413.640	1.52	Head	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_98632	NAGVDGSVVVAK	AGAP004002-PA	-	50	0.000126571	2	1115.608	2.46	Male reproductive organs	2R:-:47808361-47808326	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_98792	DQIAETTSEYEK	AGAP004002-PA	-	80	1.26E-07	2	1413.658	14.3	Ovary	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_100025	VEFQDALVLFSEKK	AGAP004002-PA	-	100	7.88E-10	1	1652.896	3.9	Ovary	2R:-:47809096-47809055	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_100377	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	66	3.14E-06	2	2015.058	-0.47	Midgut	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_100709	AIGDLISEAMKR	AGAP004002-PA	M10(Oxidation)	72	9.05E-07	1	1319.699	-0.05	Male reproductive organs	2R:-:47809264-47809229	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_100852	NVILEQSWGSPK	AGAP004002-PA	-	102	8.69E-10	2	1357.712	0.54	Pupa	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_101319	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation)	75	2.96E-07	1	2131.121	3.49	Visceras	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_101323	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	110	1.59E-10	2	2560.247	-0.6	Male reproductive organs	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_101684	GANPVEIR	AGAP004002-PA	-	38	0.001154026	2	855.470	1.75	Malpighian tubule	2R:-:47809405-47809382	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_101695	NVILEQSWGSPK	AGAP004002-PA	-	82	8.09E-08	2	1357.713	1.08	Male reproductive organs	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_101895	LEDVQLSDLGQVGEITITK	AGAP004002-PA	-	115	2.56E-11	1	2058.102	2.56	Visceras	2R:-:47808805-47808749	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_102107	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	131	8.62E-13	1	2015.063	1.77	Malpighian tubule	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_102165	VGGSSEVEVNEK	AGAP004002-PA	-	105	5.88E-10	1	1233.597	0.75	Malpighian tubule	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_102472	VGGSSEVEVNEK	AGAP004002-PA	-	90	1.49E-08	1	1233.594	-1.23	Head	2R:-:47808589-47808554	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_102522	APGFGDNRK	AGAP004002-PA	-	59	2.46E-05	1	961.484	-0.66	Midgut	2R:-:47808901-47808875	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_103039	EGVITVKDGK	AGAP004002-PA	-	56	3.11E-05	1	1045.589	0.4	Ovary	2R:-:47809219-47809190	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_103437	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	111	4.26E-11	1	1609.891	0.16	Salivary gland	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_103514	GANEDQNTGIEIVR	AGAP004002-PA	-	114	4.43E-11	1	1515.741	0.77	Salivary gland	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_103762	TLNDELEVIEGMK	AGAP004002-PA	M12(Oxidation)	106	4.99E-10	1	1490.745	3.11	Malpighian tubule	2R:-:47809189-47809151	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_104082	ALMLQGVDVLADAVAVTMGPK	AGAP004002-PA	M3(Oxidation), M18(Oxidation)	95	3.86E-09	2	2131.113	-0.49	Salivary gland	2R:-:47809838-47809776	exon=> In CDS Exon 1 of transcript AGAP004002-PA
JHU_Ag_105949	VEELKGDFGYDALNNEYVNMIEK	AGAP004002-PA	M20(Oxidation)	134	6.39E-13	1	2706.264	1.25	Malpighian tubule	2R:-:47808325-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA

JHU_Ag_106476	TALSDASGVASLLTTAEAVVTEIPK	AGAP004002-PA	-	48	8.13E-05	2	2444.322	3.65	Head	2R:-:47808226-47808152	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_106705	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	38	0.001857787	1	2015.060	0.5	Visceras	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_107148	IGLQVAAVK	AGAP004002-PA	-	56	6.34E-06	2	898.574	1.89	Head	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_107231	KISTVQSIIPALEMANQQR	AGAP004002-PA	M14(Oxidation)	64	2.62E-06	1	2143.158	1.89	Pupa	2R:-:47809057-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_107367	GVMLAVDTVKEHLK	AGAP004002-PA	M3(Oxidation)	38	0.000882405	1	1539.856	-0.39	Midgut	2R:-:47809378-47809337	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_107439	VEFQDALVLFSEKK	AGAP004002-PA	-	99	1.12E-09	1	1652.889	-0.53	Midgut	2R:-:47809096-47809055	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_107677	GVMLAVDTVK	AGAP004002-PA	M3(Oxidation)	54	5.24E-05	1	1048.570	-0.33	Midgut	2R:-:47809378-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_108120	AAVEEGIVPGGGTALIR	AGAP004002-PA	-	105	1.76E-10	1	1609.896	2.89	Visceras	2R:-:47808517-47808467	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_108268	AIGDLISEAMK	AGAP004002-PA	M10(Oxidation)	44	0.00059444	2	1163.596	-1.7	Male reproductive organs	2R:-:47809264-47809232	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_109419	VEELKGDFGYDALNNEYVNMIEK	AGAP004002-PA	M20(Oxidation)	84	5.68E-08	1	2706.263	0.91	Visceras	2R:-:47808325-47808257	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_110251	RGVMLAVDTVK	AGAP004002-PA	M4(Oxidation)	41	0.000675503	1	1204.673	0.53	Pupa	2R:-:47809381-47809349	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_110507	GANEDQNTGIEIVR	AGAP004002-PA	-	92	8.38E-09	1	1515.737	-1.97	Head	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_110879	DQIAETTSEYEK	AGAP004002-PA	-	75	3.68E-07	2	1413.640	1.52	Salivary gland	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_110992	NVILEQSWGSPK	AGAP004002-PA	-	96	2.68E-09	2	1357.711	0.18	Visceras	2R:-:47809624-47809589	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_111102	RADQIR	AGAP004002-PA	-	36	0.001806953	2	758.427	0.41	Malpighian tubule	2R:-:47808697-47808680	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_113096	IGLQVAAVK	AGAP004002-PA	-	59	3.03E-06	2	898.572	-0.56	Male reproductive organs	2R:-:47808928-47808902	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_113465	DQIAETTSEYEK	AGAP004002-PA	-	70	9.93E-07	2	1413.639	0.91	Larva	2R:-:47808679-47808644	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_113597	TLNDELEVIEGMKFDR	AGAP004002-PA	M12(Oxidation)	75	5.19E-07	1	1924.931	-0.76	Pupa	2R:-:47809189-47809142	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_114431	DRVNDALCATR	AGAP004002-PA	C8(Carbamidomethyl)	95	4.23E-09	1	1290.617	-3.96	Head	2R:-:47808550-47808518	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_114624	GANEDQNTGIEIVR	AGAP004002-PA	-	86	2.78E-08	1	1515.742	1.41	Male reproductive organs	2R:-:47808439-47808398	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_114865	ISTVQSIIPALEMANQQR	AGAP004002-PA	M13(Oxidation)	89	1.46E-08	1	2015.056	-1.78	Head	2R:-:47809054-47809001	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_115869	VNTPEEIAQVATISANGDR	AGAP004002-PA	-	70	1.51E-06	1	1984.996	1.2	Visceras	2R:-:47809321-47809265	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_116666	KPLVIIAEDVDGEALSTLVVNR	AGAP004002-PA	-	99	2.46E-10	2	2351.328	4.04	Malpighian tubule	2R:-:47809000-47808935	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_116856	LVQDVANNTNEEAGDGTTTATVLAR	AGAP004002-PA	-	139	2.01E-13	2	2560.252	1.12	Pupa	2R:-:47809516-47809442	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_117209	KSTLSDMAISTGGIVFGDDANLVK	AGAP004002-PA	-	54	4.66E-05	1	2439.248	1.72	Pupa	2R:-:47808877-47808806	exon=> In CDS Exon 2 of transcript AGAP004002-PA
JHU_Ag_40818	FGPEVR	AGAP004002-PA,AGAP008104-PA	-	39	0.002146819	1	704.372	-0.4	Pupa	2R:-:47809856-47809839;3R:-:5798609-5798592	exon=> In CDS Exon 1 of transcript AGAP004002-PA;exon=> In CDS Exon 2 of transcript AGAP008104-PA

JHU_Ag_81990	FGPEVR	AGAP004002-PA,AGAP008104-PA	-	37	0.003396224	2	704.373	1.08	Ovary	2R:-:47809856-47809839;3R:-:5798609-5798592	exon=> In CDS Exon 1 of transcript AGAP004002-PA;exon=> In CDS Exon 2 of transcript AGAP008104-PA
JHU_Ag_104447	FGPEVR	AGAP004002-PA,AGAP008104-PA	-	39	0.002097608	1	704.373	0.38	Malpighian tubule	2R:-:47809856-47809839;3R:-:5798609-5798592	exon=> In CDS Exon 1 of transcript AGAP004002-PA;exon=> In CDS Exon 2 of transcript AGAP008104-PA
JHU_Ag_45568	IKINFGPNFGR	AGAP004011-PA	-	51	8.50E-05	1	1262.702	0.87	Malpighian tubule	2R:+:47863307-47863339	exon=> In CDS Exon 2 of transcript AGAP004011-PA
JHU_Ag_78094	ATYDDGVDYEAK	AGAP004011-PA	-	30	0.004631714	2	1346.578	2.48	Head	2R:+:47863061-47863096	exon=> In CDS Exon 2 of transcript AGAP004011-PA
JHU_Ag_99699	KYDASLALIK	AGAP004011-PA	-	60	3.71E-06	2	1121.652	-3.91	Head	2R:+:47862788-47862817	exon=> In CDS Exon 2 of transcript AGAP004011-PA
JHU_Ag_13240	YLETDFNAANLQAGHR	AGAP004014-PA	-	94	6.28E-09	1	1819.886	7.31	Larva	2R:-:47875691-47875644	exon=> In CDS Exon 2 of transcript AGAP004014-PA
JHU_Ag_19489	QYGSDACYSTIWSGFR	AGAP004014-PA	C7(Carbamidomethyl)	71	6.53E-07	1	1897.826	4.57	Larva	2R:-:47876033-47875986	exon=> In CDS Exon 2 of transcript AGAP004014-PA
JHU_Ag_101167	AFGEWLTEDVIFK	AGAP004014-PA	-	59	1.63E-05	1	1554.794	6.62	Larva	2R:-:47875526-47875488	exon=> In CDS Exon 2 of transcript AGAP004014-PA
JHU_Ag_1228	STNVLFTNGEFDPNR	AGAP004015-PA	N8(Deamidated)	125	4.24E-12	1	1711.800	4.28	Larva	2R:+:47879500-47879544	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_13681	DGAWLFTNEHR	AGAP004015-PA	-	77	2.24E-07	1	1345.631	2.11	Larva	2R:+:47878508-47878540	exon=> In CDS Exon 1 of transcript AGAP004015-PA
JHU_Ag_20799	VTMHFFLSACR	AGAP004015-PA	M3(Oxidation), C10(Carbamidomethyl)	61	9.63E-06	1	1384.656	4.12	Larva	2R:+:47879380-47879412	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_33651	YYGASTPVPDYSTENLR	AGAP004015-PA	-	88	2.31E-08	1	1932.902	2.25	Larva	2R:+:47878541-47878566,47878638-47878662	exon=> In CDS Exon 1 and 2 of transcript AGAP004015-PA
JHU_Ag_40984	FGGNECYSMIWVAFR	AGAP004015-PA	C6(Carbamidomethyl), M9(Oxidation)	99	1.45E-09	1	1852.835	11.07	Larva	2R:+:47878909-47878953	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_45572	TTDLDEQPFGDR	AGAP004015-PA	-	94	3.14E-09	1	1393.628	3.78	Larva	2R:+:47879344-47879379	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_60877	SEQALMDLIEWIDYLR	AGAP004015-PA	M6(Oxidation)	81	1.23E-07	1	2010.991	3.33	Larva	2R:+:47878672-47878719	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_68669	VVLMGTGYAGALATWAR	AGAP004015-PA	M4(Oxidation)	114	4.16E-11	1	1752.927	9.79	Larva	2R:+:47878750-47878800	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_72784	LAIQEAMLGQQSTAK	AGAP004015-PA	M7(Oxidation)	121	1.20E-11	1	1604.837	3.82	Larva	2R:+:47879074-47879118	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_91910	LTNLHYGGQDPR	AGAP004015-PA	-	44	0.000470284	2	1370.684	1.88	Larva	2R:+:47879464-47879499	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_100648	LLDVETLFYHLK	AGAP004015-PA	-	101	4.45E-10	1	1490.835	6.12	Larva	2R:+:47879038-47879073	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_102349	TKIDHFNPQNR	AGAP004015-PA	-	75	3.40E-07	1	1369.701	2.51	Larva	2R:+:47878337-47878369	exon=> In CDS Exon 1 of transcript AGAP004015-PA
JHU_Ag_111982	ALFGEWVTDAVIYEGVR	AGAP004015-PA	-	40	0.001101506	2	1924.990	4.93	Larva	2R:+:47879413-47879463	exon=> In CDS Exon 2 of transcript AGAP004015-PA
JHU_Ag_48379	DIPVFELPVDVK	AGAP004017-PA	-	44	0.000496767	2	1370.759	1.49	Head	2R:-:47884308-47884273	exon=> In CDS Exon 2 of transcript AGAP004017-PA
JHU_Ag_8144	SPFTVNLAAGYPEDIDHASPTEMSLR	AGAP004020-PA	M23(Oxidation)	64	6.32E-06	1	2834.329	-0.49	Midgut	2R:+:47919597-47919674	exon=> In CDS Exon 3 of transcript AGAP004020-PA
JHU_Ag_16535	SLTIENNQATVPVHLEFYR	AGAP004020-PA	-	71	1.09E-06	1	2231.143	-1.14	Midgut	2R:+:47919729-47919785	exon=> In CDS Exon 3 of transcript AGAP004020-PA
JHU_Ag_19418	TSGASPVGLIVHR	AGAP004020-PA	-	62	3.02E-06	1	1293.727	-0.16	Midgut	2R:+:47920563-47920601	exon=> In CDS Exon 3 of transcript AGAP004020-PA

JHU_Ag_27116	GPLETSITAGLPFAVHQTILR	AGAP004020-PA	-	72	1.75E-07	1	2221.231	-1.45	Midgut	2R:+:47919891-47919953	exon=> In CDS Exon 3 of transcript AGAP004020-PA
JHU_Ag_60439	QSGFENLLIQR	AGAP004020-PA	-	37	0.00294199	2	1304.696	0.43	Midgut	2R:+:47918202-47918234	exon=> In CDS Exon 2 of transcript AGAP004020-PA
JHU_Ag_89303	YTTSSEWEAQR	AGAP004020-PA	-	49	9.04E-05	2	1357.601	-0.77	Midgut	2R:+:47918580-47918612	exon=> In CDS Exon 2 of transcript AGAP004020-PA
JHU_Ag_109327	TSGASPVGLIVHR	AGAP004020-PA	-	36	0.001030413	1	1293.734	4.75	Malpighian tubule	2R:+:47920563-47920601	exon=> In CDS Exon 3 of transcript AGAP004020-PA
JHU_Ag_21267	LNLQFLTLHDYLLR	AGAP004028-PB,AGAP004028-PA	-	56	9.89E-06	1	1758.998	4.18	Ovary	2R:+:47967498-47967539;2R:+:47967498-47967539	exon=> In CDS Exon 3 of transcript AGAP004028-PB;exon=> In CDS Exon 1 of transcript AGAP004028-PA
JHU_Ag_40885	TDVAVQIISNLYHNHPQQR	AGAP004028-PB,AGAP004028-PA	-	131	9.49E-13	1	2233.158	4.68	Ovary	2R:+:47968735-47968791;2R:+:47968735-47968791	exon=> In CDS Exon 4 of transcript AGAP004028-PB;exon=> In CDS Exon 2 of transcript AGAP004028-PA
JHU_Ag_73121	SEEGDVVFGGWAR	AGAP004028-PB,AGAP004028-PA	-	38	0.001971992	2	1408.649	0.06	Ovary	2R:+:47967706-47967744;2R:+:47967706-47967744	exon=> In CDS Exon 4 of transcript AGAP004028-PB;exon=> In CDS Exon 2 of transcript AGAP004028-PA
JHU_Ag_82951	VIEEGIEQRPQLTGEQR	AGAP004028-PB,AGAP004028-PA	-	70	1.20E-06	1	1982.036	3.05	Malpighian tubule	2R:+:47968036-47968086;2R:+:47968036-47968086	exon=> In CDS Exon 4 of transcript AGAP004028-PB;exon=> In CDS Exon 2 of transcript AGAP004028-PA
JHU_Ag_95210	LGVPTIDLDGQGR	AGAP004028-PB,AGAP004028-PA	-	42	0.000586949	2	1340.717	0.03	Ovary	2R:+:47969641-47969679;2R:+:47969641-47969679	exon=> In CDS Exon 4 of transcript AGAP004028-PB;exon=> In CDS Exon 2 of transcript AGAP004028-PA
JHU_Ag_109026	NMAFQKYSNMEQSLFTR	AGAP004028-PB,AGAP004028-PA	N1(Deamidated), M2(Oxidation), Q5(Deamidated), M10(Oxidation), Q12(Deamidated),"N1(Deamidated), M2(Oxidation), Q5(Deamidated), N9(Deamidated), M10(Oxidation)"	30	0.004423682	1	2129.892	-10.81	Head	2R:+:47969581-47969631;2R:+:47969581-47969631	exon=> In CDS Exon 4 of transcript AGAP004028-PB;exon=> In CDS Exon 2 of transcript AGAP004028-PA
JHU_Ag_13630	EPAGDVAPSK	AGAP004030-PA	-	49	0.000118841	2	970.486	2.13	Male reproductive organs	2R:+:47972536-47972565	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_27084	EQTGRPGSGGAVVVDSPR	AGAP004030-PA	-	58	2.15E-05	1	1768.892	-1.09	Male reproductive organs	2R:+:47972566-47972619	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_34072	ALQAQEGKEK	AGAP004030-PA	-	61	1.10E-05	1	1101.593	3.08	Male reproductive organs	2R:+:47972965-47972994	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_46243	TWEEDGQLWTQTVSSTPATR	AGAP004030-PA	-	69	2.12E-06	2	2293.080	3.01	Male reproductive organs	2R:+:47972659-47972718	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_77495	ELYTQCFDELIR	AGAP004030-PA	C6(Carbamidomethyl)	69	1.71E-06	2	1586.754	1.48	Male reproductive organs	2R:+:47972806-47972841	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_84571	REPAGDVAPSK	AGAP004030-PA	-	40	0.001234758	1	1126.585	0.06	Male reproductive organs	2R:+:47972533-47972565	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_90800	IKADQAER	AGAP004030-PA	-	41	0.001661108	1	930.502	1.62	Male reproductive organs	2R:+:47973064-47973087	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_106383	YNNPVLVVK	AGAP004030-PA	-	49	0.000118882	1	1045.604	-0.27	Male reproductive organs	2R:+:47972494-47972520	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_114591	KALQAQEGK	AGAP004030-PA	-	44	0.000617721	2	972.547	0.09	Male reproductive organs	2R:+:47972962-47972988	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_117032	NLELQTTLVR	AGAP004030-PA	-	58	1.60E-05	1	1186.679	-0.36	Male reproductive organs	2R:+:47972464-47972493	exon=> In CDS Exon 1 of transcript AGAP004030-PA
JHU_Ag_424	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	142	1.17E-13	1	1691.828	2.34	Malpighian tubule	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA

JHU_Ag_3879	LGGDVTVLVAGTK	AGAP004031-PA	-	77	1.36E-07	2	1229.718	6.81	Ovary	2R:-:47974472-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_4696	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	143	1.04E-13	1	1691.825	0.9	Visceras	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_5160	TIYAGNAIQTVK	AGAP004031-PA	-	71	5.55E-07	2	1278.704	-1.07	Salivary gland	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_6342	TIVAINKDPEAPIFQVADYGLVADLFK	AGAP004031-PA	-	109	4.02E-11	1	2947.594	4.09	Visceras	2R:-:47973725-47973645	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_7156	TIVAINKDPEAPIFQVADYGLVADLFK	AGAP004031-PA	-	169	4.58E-17	1	2947.589	2.47	Malpighian tubule	2R:-:47973725-47973645	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_7652	VGPVSEAAAK	AGAP004031-PA	-	62	4.89E-06	1	928.510	0.45	Ovary	2R:-:47974433-47974404	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_9189	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	-	129	1.99E-12	1	1916.972	0.59	Ovary	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_9810	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	125	6.60E-12	2	1691.828	2.49	Salivary gland	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_10467	DPEAPIFQVADYGLVADLFK	AGAP004031-PA	-	157	2.62E-15	1	2208.122	-0.03	Ovary	2R:-:47973704-47973645	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_10539	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	141	8.04E-14	1	2118.114	2.94	Pupa	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_11114	VGPVSEAAAK	AGAP004031-PA	-	49	0.000116061	1	928.509	-1.45	Salivary gland	2R:-:47974433-47974404	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_13478	IVAPEVYVAIGISGAIQHLAGMK	AGAP004031-PA	M22(Oxidation)	66	8.96E-07	1	2353.297	0.92	Ovary	2R:-:47973803-47973735	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_16590	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	-	88	2.67E-08	2	1916.971	-0.11	Head	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_16782	TIYAGNAIQTVK	AGAP004031-PA	-	87	1.54E-08	1	1278.708	1.99	Malpighian tubule	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_17709	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	141	1.36E-13	2	1691.822	-0.98	Midgut	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_20303	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	174	4.14E-17	1	2118.106	-0.86	Ovary	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_21231	FTHIVAGATAFGK	AGAP004031-PA	-	99	1.48E-09	1	1319.712	0.67	Pupa	2R:-:47974298-47974260	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_21503	TTEFVSQELTKSDRPSLTAAK	AGAP004031-PA	-	83	5.61E-08	1	2309.204	2.42	Malpighian tubule	2R:-:47974022-47973960	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_21712	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	151	9.45E-16	1	2038.182	1.08	Ovary	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_22649	WGAAVGASR	AGAP004031-PA	-	57	4.50E-05	2	874.450	-2.98	Head	2R:-:47973887-47973861	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_23275	TIYAGNAIQTVK	AGAP004031-PA	N6(Deamidated)	91	6.84E-09	1	1278.705	0.08	Pupa	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_23281	TIYAGNAIQTVK	AGAP004031-PA	-	38	0.001084172	2	1278.708	2.08	Visceras	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_23464	VGPVSEAAAK	AGAP004031-PA	-	40	0.000796721	1	928.510	0.34	Midgut	2R:-:47974433-47974404	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_25471	TTEFVSQELTK	AGAP004031-PA	-	56	3.29E-05	2	1282.652	-0.24	Salivary gland	2R:-:47974022-47973990	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_25479	GTNFEPTGAAGSAAAIEKAPEGDFASK	AGAP004031-PA	-	96	3.91E-09	2	2594.237	0.02	Visceras	2R:-:47974103-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_25786	GTNFEPTGAAGSAAAIEKAPEGDFASK	AGAP004031-PA	-	152	9.96E-15	1	2594.244	2.66	Malpighian tubule	2R:-:47974103-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_26909	GTNFEPTGAAGSAAAIEKAPEGDFASK	AGAP004031-PA	-	40	0.001501464	1	2594.241	1.38	Salivary gland	2R:-:47974103-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_27548	VGPVSEAAAK	AGAP004031-PA	-	36	0.001757709	1	928.511	1.65	Head	2R:-:47974433-47974404	exon=> In CDS Exon 2 of transcript AGAP004031-PA

JHU_Ag_30534	VGPVSEAAAK	AGAP004031-PA	-	48	0.000121804	2	928.512	2.56	Malpighian tubule	2R:-:47974433-47974404	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_32082	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	92	5.40E-10	1	2038.190	5.31	Larva	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_33676	KLGGDVTVLVAGTK	AGAP004031-PA	-	46	7.00E-05	2	1357.805	0.33	Male reproductive organs	2R:-:47974475-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_33752	TTEFVSQELTK	AGAP004031-PA	-	72	7.63E-07	1	1282.653	-0.05	Pupa	2R:-:47974022-47973990	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_36058	LGGDVTVLVAGTK	AGAP004031-PA	-	97	1.48E-09	2	1229.710	0.16	Head	2R:-:47974472-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_37105	FTHIVAGATAFGK	AGAP004031-PA	-	61	8.46E-06	1	1319.709	-1.09	Salivary gland	2R:-:47974298-47974260	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_38329	KLGGDVTVLVAGTK	AGAP004031-PA	-	97	5.32E-10	1	1357.806	1.05	Malpighian tubule	2R:-:47974475-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_39637	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	41	8.86E-05	3	2038.185	2.61	Pupa	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_39765	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	65	3.52E-07	1	2038.187	3.78	Visceras	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_40666	WGAAVGASR	AGAP004031-PA	-	55	7.07E-05	2	874.451	-2.14	Pupa	2R:-:47973887-47973861	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_40764	TIVAINKDPEAPIFQVADYGLVADLFK	AGAP004031-PA	-	148	6.55E-15	1	2947.588	2.22	Ovary	2R:-:47973725-47973645	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_42495	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	-	117	2.96E-11	1	1916.976	2.5	Visceras	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_44420	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	Q13(Deamidated)	158	1.60E-15	1	2118.116	3.98	Malpighian tubule	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_44593	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	N10(Deamidated)	69	2.31E-06	1	1917.955	-0.3	Midgut	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_46327	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	135	6.50E-13	1	1691.827	1.91	Male reproductive organs	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_49081	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	Q13(Deamidated),Q16(Deamidated),N10(Deamidated)	91	1.44E-08	1	1916.972	0.21	Pupa	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_49552	APEGDFASK	AGAP004031-PA	-	49	0.000164956	2	921.432	0.56	Ovary	2R:-:47974049-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_50625	FTHIVAGATAFGK	AGAP004031-PA	-	51	0.000109851	1	1319.714	2.15	Midgut	2R:-:47974298-47974260	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_50858	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	145	3.05E-14	1	2118.108	0.29	Midgut	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_50905	IVAPEVYVAIGISGAIQHLAGMKDSK	AGAP004031-PA	M22(Oxidation)	64	1.86E-06	1	2683.448	-0.28	Midgut	2R:-:47973803-47973726	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_51537	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	147	2.17E-14	1	2118.111	1.67	Head	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_54332	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	135	5.60E-13	1	1691.824	0.47	Ovary	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_54689	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	110	7.84E-12	1	2038.193	6.83	Salivary gland	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_54800	IAAKLDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	77	7.56E-08	1	2501.370	3.52	Malpighian tubule	2R:-:47974244-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_56358	VVPEINEK	AGAP004031-PA	-	36	0.001669233	1	927.516	0.95	Visceras	2R:-:47973644-47973621	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_56534	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	132	7.30E-13	1	2118.109	0.64	Visceras	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_57692	GTNFEPTGAAGSAAAIEKAPEGDFASK	AGAP004031-PA	-	59	1.88E-05	1	2594.241	1.45	Pupa	2R:-:47974103-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA

JHU_Ag_59646	TIVAINKDPEAPIFQVADYGLVADLFK	AGAP004031-PA	-	86	9.00E-09	3	2947.593	3.71	Head	2R:-:47973725-47973645	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_59814	WGAAVGASR	AGAP004031-PA	-	46	0.000470274	1	874.453	-0.12	Midgut	2R:-:47973887-47973861	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_60396	MLYDLADK	AGAP004031-PA	M1(Oxidation)	38	0.00127241	1	984.471	0.11	Ovary	2R:-:47973911-47973888	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_62929	TTEFVSQELTK	AGAP004031-PA	-	79	1.56E-07	1	1282.653	0.62	Visceras	2R:-:47974022-47973990	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_64430	TIYAGNAIQTVK	AGAP004031-PA	-	83	3.33E-08	1	1278.705	-0.59	Head	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_65956	IVAPEVYVAIGISGAIQHLAGMK	AGAP004031-PA	M22(Oxidation)	44	0.000152142	1	2353.293	-1.03	Midgut	2R:-:47973803-47973735	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_67301	TTEFVSQELTK	AGAP004031-PA	-	78	1.86E-07	1	1282.652	-0.24	Head	2R:-:47974022-47973990	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_67465	TIVAINKDPEAPIFQVADYGLVADLFK	AGAP004031-PA	-	160	3.07E-16	1	2947.596	4.95	Salivary gland	2R:-:47973725-47973645	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_71638	TTEFVSQELTK	AGAP004031-PA	-	86	3.29E-08	1	1282.653	0.62	Malpighian tubule	2R:-:47974022-47973990	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_71842	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	133	5.11E-13	1	2118.114	2.94	Male reproductive organs	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_73535	LGGDVTVLVAGTK	AGAP004031-PA	-	36	0.001653126	2	1229.713	2.65	Pupa	2R:-:47974472-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_73636	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	150	2.20E-14	1	1691.829	3.06	Head	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_74207	APEGDFASK	AGAP004031-PA	-	35	0.003437014	1	921.431	-0.08	Midgut	2R:-:47974049-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_74232	APEGDFASK	AGAP004031-PA	-	54	5.94E-05	1	921.433	1.95	Salivary gland	2R:-:47974049-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_74755	TTEFVSQELTK	AGAP004031-PA	-	76	3.42E-07	1	1282.653	0.62	Midgut	2R:-:47974022-47973990	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_75933	TIYAGNAIQTVK	AGAP004031-PA	-	71	5.66E-07	1	1278.706	0.46	Male reproductive organs	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_76553	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	107	2.36E-11	1	2038.183	1.72	Head	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_78374	WGAAVGASR	AGAP004031-PA	-	57	4.42E-05	2	874.453	-0.61	Visceras	2R:-:47973887-47973861	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_80569	IVAPEVYVAIGISGAIQHLAGMKDSK	AGAP004031-PA	M22(Oxidation)	90	3.86E-09	1	2683.460	4.18	Malpighian tubule	2R:-:47973803-47973726	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_81804	APEGDFASK	AGAP004031-PA	-	62	8.15E-06	2	921.431	-0.5	Head	2R:-:47974049-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_82280	VGPVSEAAAK	AGAP004031-PA	-	48	0.000121811	1	928.510	-0.2	Male reproductive organs	2R:-:47974433-47974404	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_82867	GTNFEPTGAAGSAAAIEKAPEGDFASK	AGAP004031-PA	-	57	3.32E-05	1	2594.242	2.09	Head	2R:-:47974103-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_85211	LGGDVTVLVAGTK	AGAP004031-PA	-	62	4.53E-06	2	1229.709	-1.23	Midgut	2R:-:47974472-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_85953	VVPEINEK	AGAP004031-PA	-	33	0.002988938	1	927.515	0.69	Head	2R:-:47973644-47973621	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_86218	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	-	77	3.58E-07	1	1916.971	-0.04	Male reproductive organs	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_88253	LGGDVTVLVAGTK	AGAP004031-PA	-	67	1.39E-06	2	1229.711	0.76	Male reproductive organs	2R:-:47974472-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_89261	KLGGDVTVLVAGTK	AGAP004031-PA	-	102	2.02E-10	1	1357.804	-0.84	Midgut	2R:-:47974475-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_90063	VLVAEGDAYK	AGAP004031-PA	-	56	3.49E-05	1	1064.565	2.18	Malpighian tubule	2R:-:47974385-47974356	exon=> In CDS Exon 2 of transcript AGAP004031-PA

JHU_Ag_91448	KLGGDVTVLVAGTK	AGAP004031-PA	-	94	1.07E-09	1	1357.806	0.69	Visceras	2R:-:47974475-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_92733	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	-	110	1.90E-10	1	1916.973	1.04	Malpighian tubule	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_93188	KLGGDVTVLVAGTK	AGAP004031-PA	-	70	2.70E-07	2	1357.806	0.87	Head	2R:-:47974475-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_96050	LDVSPVSDIIGVQSADTFVR	AGAP004031-PA	-	106	2.93E-10	1	2118.114	2.83	Salivary gland	2R:-:47974232-47974173	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_96469	SDRPSLTAAK	AGAP004031-PA	-	41	0.001290702	2	1045.563	-0.64	Midgut	2R:-:47973989-47973960	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_96972	VLVAEGDAYK	AGAP004031-PA	-	72	9.07E-07	1	1064.564	1.49	Salivary gland	2R:-:47974385-47974356	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_97194	VLVAEGDAYK	AGAP004031-PA	-	53	8.18E-05	1	1064.562	-0.57	Midgut	2R:-:47974385-47974356	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_97531	VGPVSEAAAKLDGVK	AGAP004031-PA	-	47	0.000100001	1	1440.808	1.74	Malpighian tubule	2R:-:47974433-47974389	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_99035	VLVAEGDAYK	AGAP004031-PA	-	51	0.000127574	1	1064.561	-1.6	Pupa	2R:-:47974385-47974356	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_100637	GTNFEPTGAAGSAAAIEKAPEGDFASK	AGAP004031-PA	-	57	2.82E-05	1	2594.234	-1.16	Midgut	2R:-:47974103-47974023	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_102547	TIYAGNAIQTVK	AGAP004031-PA	-	87	1.71E-08	1	1278.705	0.08	Ovary	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_103702	SDRPSLTAAK	AGAP004031-PA	-	39	0.002355299	1	1045.565	0.76	Visceras	2R:-:47973989-47973960	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_104805	FTHIVAGATAFGK	AGAP004031-PA	-	97	2.35E-09	1	1319.711	0.21	Ovary	2R:-:47974298-47974260	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_105900	GTNFEPTGAAGSAAAIEK	AGAP004031-PA	-	135	5.48E-13	2	1691.824	0.18	Pupa	2R:-:47974103-47974050	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_106351	VLVAEGDAYK	AGAP004031-PA	-	65	4.94E-06	1	1064.563	0.65	Head	2R:-:47974385-47974356	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_106627	FTHIVAGATAFGK	AGAP004031-PA	-	95	3.73E-09	1	1319.711	0.48	Head	2R:-:47974298-47974260	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_107280	TIYAGNAIQTVK	AGAP004031-PA	N6(Deamidated)	77	1.73E-07	1	1278.707	1.03	Midgut	2R:-:47974172-47974137	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_107799	MLYDLADKWGAAVGASR	AGAP004031-PA	-	119	1.76E-11	1	1823.915	2.31	Malpighian tubule	2R:-:47973911-47973861	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_109394	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	67	1.92E-07	2	2038.187	3.51	Male reproductive organs	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_109588	FTHIVAGATAFGK	AGAP004031-PA	-	87	2.35E-08	1	1319.712	1.13	Visceras	2R:-:47974298-47974260	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_110290	GLLAESLTPLILATQEQLK	AGAP004031-PA	-	113	5.23E-12	1	2038.179	-0.45	Midgut	2R:-:47974355-47974299	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_110788	KLGGDVTVLVAGTK	AGAP004031-PA	-	103	1.49E-10	1	1357.805	-0.21	Pupa	2R:-:47974475-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_112330	AAVDAGYVPNDLQIGQTGK	AGAP004031-PA	-	91	1.48E-08	1	1916.973	0.98	Salivary gland	2R:-:47973860-47973804	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_113475	VLVAEGDAYK	AGAP004031-PA	-	54	6.78E-05	1	1064.559	-2.86	Male reproductive organs	2R:-:47974385-47974356	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_114648	VLVAEGDAYK	AGAP004031-PA	-	58	2.73E-05	1	1064.564	1.15	Visceras	2R:-:47974385-47974356	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_116690	FTHIVAGATAFGK	AGAP004031-PA	-	84	4.95E-08	1	1319.712	1.28	Malpighian tubule	2R:-:47974298-47974260	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_117499	KLGGDVTVLVAGTK	AGAP004031-PA	-	54	9.87E-06	2	1357.805	0.33	Salivary gland	2R:-:47974475-47974434	exon=> In CDS Exon 2 of transcript AGAP004031-PA
JHU_Ag_34285	DGGGGGNEINQHHPTEPR	AGAP004032-PA	-	71	7.96E-07	1	1871.830	-4.15	Head	2R:-:48015416-48015363	exon=> In CDS Exon 6 of transcript AGAP004032-PA

JHU_Ag_82183	GMGEGVIDSR	AGAP004032-PA	M2(Oxidation)	30	0.010049437	1	1036.462	-10.04	Midgut	2R:-:48015971-48015942	exon=> In CDS Exon 6 of transcript AGAP004032-PA
JHU_Ag_98911	LAPLSLTTYTAAYDEDGYQGK	AGAP004032-PA	-	51	0.000105516	2	2277.103	4.56	Head	2R:-:48016769-48016707	exon=> In CDS Exon 6 of transcript AGAP004032-PA
JHU_Ag_8732	ASTPVEQPPPPPQSAPPELSEQSK	AGAP004033-PA	-	94	5.30E-09	1	2498.251	3.8	Head	2R:+:48147074-48147145	exon=> In CDS Exon 15 of transcript AGAP004033-PA
JHU_Ag_14201	DDGPAGSGGTQPTVGTATASAPEPVRYDKPVAGSTLR	AGAP004033-PA	-	116	2.31E-11	1	3583.772	2.62	Head	2R:+:48148437-48148547	exon=> In CDS Exon 16 of transcript AGAP004033-PA
JHU_Ag_19737	DDGPAGSGGTQPTVGTATASAPEPVR	AGAP004033-PA	Q11(Deamidated)	132	1.03E-12	1	2396.136	1.24	Head	2R:+:48148437-48148514	exon=> In CDS Exon 16 of transcript AGAP004033-PA
JHU_Ag_19916	SGSTVAASTASSAAK	AGAP004033-PA	-	96	3.55E-09	1	1295.644	0.31	Head	2R:+:48143055-48143099	exon=> In CDS Exon 10 of transcript AGAP004033-PA
JHU_Ag_20649	FWGNPNEKPEES	AGAP004033-PA	-	61	4.74E-06	1	1433.634	0.41	Head	2R:+:48148650-48148685	exon=> In CDS Exon 16 of transcript AGAP004033-PA
JHU_Ag_20743	SSLSALSLASSVRPITK	AGAP004033-PA	-	58	3.11E-06	2	1716.994	4.7	Head	2R:+:48137473-48137510,48137597-48137609	exon=> In CDS Exon 8 and 9 of transcript AGAP004033-PA
JHU_Ag_21195	ESAPTVVPPPEILEQIIK	AGAP004033-PA	-	38	0.000604369	1	1960.105	2.63	Head	2R:+:48146785-48146838	exon=> In CDS Exon 14 of transcript AGAP004033-PA
JHU_Ag_25005	WHEYTGGPDVVR	AGAP004033-PA	-	67	1.99E-06	1	1415.669	-1.09	Head	2R:+:48125146-48125181	exon=> In CDS Exon 1 of transcript AGAP004033-PA
JHU_Ag_33058	RSSLSALSLASSVRPITK	AGAP004033-PA	-	63	7.36E-07	1	1873.090	1.9	Head	2R:+:48137470-48137510,48137597-48137609	exon=> In CDS Exon 8 and 9 of transcript AGAP004033-PA
JHU_Ag_36441	CLEDPSFESDINSPLANR	AGAP004033-PA	C1(Carbamidomethyl)	84	4.34E-08	2	2063.930	-1.93	Head	2R:+:48148548-48148601	exon=> In CDS Exon 16 of transcript AGAP004033-PA
JHU_Ag_46227	SVKPPTSLASDSSAPSSASSTLR	AGAP004033-PA	-	83	7.24E-08	1	2233.131	0.18	Head	2R:+:48145306-48145374	exon=> In CDS Exon 11 of transcript AGAP004033-PA
JHU_Ag_46689	TTGPDVEEGALLPSPTR	AGAP004033-PA	-	109	2.28E-10	2	1739.884	1.43	Head	2R:+:48137784-48137834	exon=> In CDS Exon 9 of transcript AGAP004033-PA
JHU_Ag_50612	AAGAHGAAGDGDGADTVDAPPRK	AGAP004033-PA	-	168	2.09E-16	1	2076.969	-0.15	Head	2R:+:48134717-48134785	exon=> In CDS Exon 5 of transcript AGAP004033-PA
JHU_Ag_51270	AAQIGAAGGGTIASVHK	AGAP004033-PA	-	117	1.66E-11	1	1508.820	1.21	Head	2R:+:48134810-48134860	exon=> In CDS Exon 5 of transcript AGAP004033-PA
JHU_Ag_54182	ESEDEDDDLPR	AGAP004033-PA	-	64	6.31E-07	2	1319.522	-0.98	Head	2R:+:48148278-48148310	exon=> In CDS Exon 16 of transcript AGAP004033-PA
JHU_Ag_57780	AAGAHGAAGDGDGADTVDAPPR	AGAP004033-PA	-	40	0.001138027	1	1948.884	5.13	Head	2R:+:48134717-48134782	exon=> In CDS Exon 5 of transcript AGAP004033-PA
JHU_Ag_67713	VATVPEGGGGTVGGR	AGAP004033-PA	-	52	8.43E-05	1	1313.681	-0.04	Head	2R:+:48145387-48145431	exon=> In CDS Exon 11 of transcript AGAP004033-PA
JHU_Ag_68814	VPGGARPVEANR	AGAP004033-PA	-	37	0.001777411	2	1222.660	-4.56	Head	2R:+:48137670-48137705	exon=> In CDS Exon 9 of transcript AGAP004033-PA
JHU_Ag_80949	FGFEPEAGDVSR	AGAP004033-PA	-	70	1.20E-06	1	1310.601	0.01	Head	2R:+:48137213-48137248	exon=> In CDS Exon 7 of transcript AGAP004033-PA
JHU_Ag_83066	SQSVGPAVATDGTAPVVAGGSPK	AGAP004033-PA	-	150	1.05E-14	1	2053.058	0.86	Head	2R:+:48142974-48143042	exon=> In CDS Exon 10 of transcript AGAP004033-PA
JHU_Ag_83363	AQANSGIDNAWYK	AGAP004033-PA	-	91	8.63E-09	2	1437.675	-0.72	Head	2R:+:48137249-48137287	exon=> In CDS Exon 7 of transcript AGAP004033-PA
JHU_Ag_85466	AALPDGLNFSAAAR	AGAP004033-PA	-	42	0.001080225	2	1373.715	-1.82	Head	2R:+:48137706-48137747	exon=> In CDS Exon 9 of transcript AGAP004033-PA
JHU_Ag_86767	GWGVEMNPDLFTK	AGAP004033-PA	-	52	9.91E-05	2	1493.712	1.95	Head	2R:+:48137401-48137439	exon=> In CDS Exon 8 of transcript AGAP004033-PA
JHU_Ag_95985	TPTTATAPVIAQNQQLGPQQPER	AGAP004033-PA	-	114	5.30E-11	1	2446.264	-1.69	Head	2R:+:48143112-48143180	exon=> In CDS Exon 10 of transcript AGAP004033-PA
JHU_Ag_100304	QVELWDQVSR	AGAP004033-PA	-	38	0.002444479	2	1259.639	1.21	Head	2R:+:48137440-48137469	exon=> In CDS Exon 8 of transcript AGAP004033-PA

JHU_Ag_110014	KTPTTATAPVIAQNQQLGPQQPER	AGAP004033-PA	-	136	1.66E-13	1	2574.371	3.01	Head	2R:+:48143109-48143180	exon=> In CDS Exon 10 of transcript AGAP004033-PA
JHU_Ag_62599	VGTSSGDISKPPMPASSAGQQLLNSK	AGAP004039-PB	M13(Oxidation)	80	1.48E-07	1	2573.292	1.5	Head	2R:+:48337617-48337694	exon=> In CDS Exon 12 of transcript AGAP004039-PB
JHU_Ag_10276	DYQIVCGPTEGDDSQK	AGAP004049-PA	C6(Carbamidomethyl)	47	0.000135641	2	1811.779	2.16	Head	2R:+:48636503-48636550	exon=> In CDS Exon 2 of transcript AGAP004049-PA
JHU_Ag_97871	DEIETTAQDDVERPGKPHEGEDAR	AGAP004049-PA	-	107	1.93E-10	1	2694.208	-6.05	Head	2R:+:48633788-48633859	exon=> In CDS Exon 2 of transcript AGAP004049-PA
JHU_Ag_2095	ALVTTYLTYR	AGAP004054-PA	-	42	0.000679019	2	1200.665	2.2	Pupa	2R:-:49047995-49047966	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_16067	QGGFYTVLVRPGFR	AGAP004054-PA	-	73	3.78E-07	1	1596.867	1.26	Larva	2R:-:49047170-49047129	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_18342	IIHITDVHYDPHYR	AGAP004054-PA	-	90	1.53E-08	1	1778.903	3.05	Larva	2R:-:49047662-49047621	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_22943	VHILAHIPIGAGTSYR	AGAP004054-PA	-	72	2.51E-07	1	1704.964	5.33	Larva	2R:-:49046999-49046952	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_68332	EGQGIPANPADGAGEWGDYR	AGAP004054-PA	-	147	1.87E-14	1	2059.918	3.52	Larva	2R:-:49047578-49047519	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_83334	DFQLSNVSPASLDGLVR	AGAP004054-PA	-	90	1.19E-08	2	1817.949	5.29	Larva	2R:-:49046538-49046488	exon=> In CDS Exon 3 of transcript AGAP004054-PA
JHU_Ag_100947	TGYNAVCGEPCCCR	AGAP004054-PA	C7(Carbamidomethyl), C11(Carbamidomethyl), C12(Carbamidomethyl), C13(Carbamidomethyl)	63	4.64E-07	1	1703.646	3.78	Larva	2R:-:49047620-49047579	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_106688	ALVTTYLTYR	AGAP004054-PA	-	64	4.63E-06	2	1200.665	1.9	Larva	2R:-:49047995-49047966	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_111050	DVFGSKPVYNVLGNHENNPTNVFAPSYITQSEFSAK	AGAP004054-PA	-	132	7.53E-13	1	3970.939	3.69	Larva	2R:-:49047347-49047240	exon=> In CDS Exon 2 of transcript AGAP004054-PA
JHU_Ag_454	NVEGMNYADIELAIAGLADK	AGAP004055-PB	M5(Oxidation)	148	2.71E-14	1	2123.033	0.29	Midgut	2R:-:49086728-49086669	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_1468	LGFMSAFCK	AGAP004055-PB	M4(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	49	0.000114321	1	1076.492	1.13	Malpighian tubule	2R:-:49086965-49086939	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_1686	GLVVPVLR	AGAP004055-PB	-	50	3.74E-06	2	852.567	0.9	Malpighian tubule	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_2120	NVEGMNYADIELAIAGLADK	AGAP004055-PB	M5(Oxidation)	148	2.68E-14	2	2107.043	2.4	Visceras	2R:-:49086728-49086669	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_2474	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	49	0.00018874	1	1850.918	0.61	Pupa	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_2647	VPPFADSVSEGDVK	AGAP004055-PB	-	83	7.05E-08	1	1446.709	-1.32	Visceras	2R:-:49088502-49088461	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_4701	LGFMSAFCK	AGAP004055-PB	M4(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	53	4.64E-05	2	1076.490	-0.8	Visceras	2R:-:49086965-49086939	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_5065	NVEGMNYADIELAIAGLADK	AGAP004055-PB	M5(Oxidation)	139	2.05E-13	1	2123.038	2.71	Ovary	2R:-:49086728-49086669	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_8193	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	-	203	5.16E-20	1	2675.378	4.05	Malpighian tubule	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_8564	IVLAGL	AGAP004055-PB	-	15	0.002884032	1	585.397	-0.26	Midgut	2R:-:49086313-49086296	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_11176	GLVVPVLR	AGAP004055-PB	-	46	1.04E-05	2	852.567	-0.03	Visceras	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB

JHU_Ag_11222	IVLAGL	AGAP004055-PB	-	30	8.99E-05	1	585.397	-0.15	Male reproductive organs	2R:-:49086313-49086296	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_12130	VPPADYTKEITGTR	AGAP004055-PB	-	60	0.000013 55	2	1547.812	3.54	Malpighian tubule	2R:-:49088046-49088005	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_12789	AAVEDPR	AGAP004055-PB	-	39	0.000581 027	2	757.382	-1.99	Visceras	2R:-:49086334-49086314	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_14428	LGFMSAFCK	AGAP004055-PB	M4(Oxidation), C8(Carbamidomethyl)	63	5.46E-06	1	1076.490	-0.8	Male reproductive organs	2R:-:49086965-49086939	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_14985	MPVAAIR	AGAP004055-PB	M1(Oxidation)	45	0.000683 599	1	773.434	-0.22	Malpighian tubule	2R:-:49088100-49088080	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_17885	GQVVIRPMMYVALTYDHR	AGAP004055-PB	M8(Oxidation), M9(Oxidation)	65	4.23E-06	1	2181.096	0.51	Salivary gland	2R:-:49086506-49086806,49086293-49086380	exon=> In CDS Exon 6 and 5 of transcript AGAP004055-PB
JHU_Ag_20076	AAAYALQDQPVVNAVIDENEIIYRDYVDISVAVASPK	AGAP004055-PB	-	61	4.38E-06	1	4020.079	4.69	Malpighian tubule	2R:-:49086938-49087026,49086501-49086753	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_25003	LGFMSAFCK	AGAP004055-PB	M4(Oxidation), C8(Carbamidomethyl)	40	0.000946 327	2	1076.492	1.24	Pupa	2R:-:49086965-49086939	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_26274	HAQAIEAATVK	AGAP004055-PB	-	50	9.08E-05	2	1138.624	2.21	Larva	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_28017	LGFMSAFCK	AGAP004055-PB	M4(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	58	1.45E-05	1	1076.490	-0.01	Salivary gland	2R:-:49086965-49086939	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_28384	HAQAIEAATVK	AGAP004055-PB	-	59	1.00E-05	2	1138.635	11.97	Male reproductive organs	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_28906	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	61	1.17E-05	1	1850.917	-0.28	Ovary	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_29476	MPVAAIR	AGAP004055-PB	-	45	0.000213 467	1	757.438	-0.98	Head	2R:-:49088100-49088080	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_29496	GQVVIRPMMYVALTYDHR	AGAP004055-PB	M8(Oxidation), M9(Oxidation),M8(Oxidation),M9(Oxidation)	83	7.48E-08	1	2165.106	2.85	Head	2R:-:49086506-49086806,49086293-49086380	exon=> In CDS Exon 6 and 5 of transcript AGAP004055-PB
JHU_Ag_30342	DYVDISVAVASPK	AGAP004055-PB	-	47	0.000272 14	2	1363.712	0.85	Midgut	2R:-:49086791-49086753	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_30901	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	-	114	3.85E-11	2	2675.373	2.13	Visceras	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_30904	AGQQLFK	AGAP004055-PB	-	39	0.001530 672	2	791.441	-0.34	Visceras	2R:-:49088319-49088299	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_30937	GLVVPVLR	AGAP004055-PB	-	35	0.000119 967	1	852.568	2.06	Pupa	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_31377	MPVAAIR	AGAP004055-PB	M1(Oxidation)	45	0.000666 502	1	773.434	-0.46	Salivary gland	2R:-:49088100-49088080	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_32114	GQVVIRPMMYVALTYDHR	AGAP004055-PB	M8(Oxidation), M9(Oxidation),M8(Oxidation),M9(Oxidation)	75	4.91E-07	1	2181.092	-1.08	Visceras	2R:-:49086506-49086806,49086293-49086380	exon=> In CDS Exon 6 and 5 of transcript AGAP004055-PB
JHU_Ag_36465	GLVVPVLR	AGAP004055-PB	-	35	0.000126 783	1	852.567	0.42	Male reproductive organs	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_36777	AAVEDPRIVLAGL	AGAP004055-PB	-	77	5.73E-08	2	1323.767	2.54	Malpighian tubule	2R:-:49086334-49086296	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_38743	VPPFADSVSEGDVK	AGAP004055-PB	-	93	7.06E-09	1	1446.712	0.71	Salivary gland	2R:-:49088502-49088461	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_40221	QHLEAFQKK	AGAP004055-PB	-	52	6.81E-05	1	1128.617	0.5	Malpighian tubule	2R:-:49087004-49086978	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_40445	HAQAIEAATVK	AGAP004055-PB	-	68	1.19E-06	2	1138.622	0.39	Ovary	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB

JHU_Ag_43296	EAVTFLRK	AGAP004055-PB	-	54	2.13E-05	1	963.562	0	Malpighian tubule	2R:-:49086364-49086341	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_45542	HAQAIEAATVK	AGAP004055-PB	-	73	4.10E-07	1	1138.620	-1	Salivary gland	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_45731	AGQQLFK	AGAP004055-PB	-	60	1.10E-05	2	791.441	-0.26	Salivary gland	2R:-:49088319-49088299	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_47820	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	N13(Deamidated)	97	2.06E-09	2	2675.375	2.59	Head	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_48415	HAQAIEAATVK	AGAP004055-PB	-	86	2.14E-08	1	1138.621	-0.83	Malpighian tubule	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_50661	LGFMSAFCK	AGAP004055-PB	M4(Oxidation), C8(Carbamidomethyl)	54	3.60E-05	2	1076.491	0.22	Head	2R:-:49086965-49086939	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_52019	HAQAIEAATVKVPPADYTK	AGAP004055-PB	-	88	1.39E-08	1	2010.068	1.17	Malpighian tubule	2R:-:49088079-49088023	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_52336	NVEGMNYADIELAIAGLADKAK	AGAP004055-PB	M5(Oxidation)	34	0.005466274	1	2322.175	4.36	Pupa	2R:-:49086728-49086663	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_54298	EAVTFLR	AGAP004055-PB	-	47	0.000194004	2	835.467	-0.58	Visceras	2R:-:49086364-49086344	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_55099	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	123	7.47E-12	1	1850.922	2.37	Malpighian tubule	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_55843	DYVDISVAVASPK	AGAP004055-PB	-	109	2.05E-10	2	1363.713	1.66	Head	2R:-:49086791-49086753	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_56020	NVEGMNYADIELAIAGLADKAK	AGAP004055-PB	M5(Oxidation)	67	2.98E-06	1	2306.178	3.48	Malpighian tubule	2R:-:49086728-49086663	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_56099	HAQAIEAATVK	AGAP004055-PB	-	67	2.02E-06	1	1138.620	-1.22	Midgut	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_56794	AGQQLFK	AGAP004055-PB	-	53	5.17E-05	2	791.439	-2.34	Head	2R:-:49088319-49088299	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_57436	ITGEAPK	AGAP004055-PB	-	42	0.000338509	1	715.397	-2.51	Head	2R:-:49088292-49088272	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_60892	IVLAGL	AGAP004055-PB	-	27	0.000199526	1	585.397	0.58	Malpighian tubule	2R:-:49086313-49086296	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_61265	GQVVIRPMMYVALTYDHR	AGAP004055-PB	M8(Oxidation), M9(Oxidation)	42	0.000954457	1	2181.094	-0.24	Male reproductive organs	2R:-:49086506-49086806,49086293-49086380	exon=> In CDS Exon 6 and 5 of transcript AGAP004055-PB
JHU_Ag_61719	LIDGREAVTFLR	AGAP004055-PB	-	66	1.60E-06	1	1389.786	0.8	Malpighian tubule	2R:-:49086379-49086344	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_62823	VPPFADSVSEGDVK	AGAP004055-PB	-	104	6.24E-10	1	1446.712	0.71	Malpighian tubule	2R:-:49088502-49088461	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_63828	GQVVIRPMMYVALTYDHR	AGAP004055-PB	M8(Oxidation), M9(Oxidation),M8(Oxidation),M9(Oxidation)	88	2.46E-08	1	2165.099	-0.28	Midgut	2R:-:49086506-49086806,49086293-49086380	exon=> In CDS Exon 6 and 5 of transcript AGAP004055-PB
JHU_Ag_66693	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	121	1.23E-11	1	1850.919	1.12	Male reproductive organs	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_69505	EAVTFLR	AGAP004055-PB	-	41	0.000774126	2	835.467	0.07	Pupa	2R:-:49086364-49086344	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_69949	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	-	143	5.78E-14	1	2675.368	0.17	Ovary	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_70677	MPVAAIR	AGAP004055-PB	-	49	7.17E-05	2	757.438	-1.54	Visceras	2R:-:49088100-49088080	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_72055	GLVVPVLR	AGAP004055-PB	-	37	7.52E-05	1	852.567	0.85	Head	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_72514	EAVTFLRK	AGAP004055-PB	-	55	2.12E-05	1	963.561	-1.2	Visceras	2R:-:49086364-49086341	exon=> In CDS Exon 6 of transcript AGAP004055-PB

JHU_Ag_73770	VPPFADSVSEGDVK	AGAP004055-PB	-	80	1.60E-07	1	1446.712	0.71	Male reproductive organs	2R:-:49088502-49088461	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_74066	QHLEAFQK	AGAP004055-PB	Q1(Deamidated)	42	0.000856335	1	1001.500	-4.73	Head	2R:-:49087004-49086981	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_75636	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	-	101	7.18E-10	2	2675.373	2.13	Pupa	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_76304	LGFMSAFCK	AGAP004055-PB	C8(Carbamidomethyl)	40	0.001043239	2	1060.494	-1.23	Midgut	2R:-:49086965-49086939	exon=> In CDS Exon 4 of transcript AGAP004055-PB
JHU_Ag_78397	AAVEDPR	AGAP004055-PB	-	42	0.000460165	2	757.389	7.03	Male reproductive organs	2R:-:49086334-49086314	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_79159	IVLAGL	AGAP004055-PB	-	36	2.38E-05	1	585.398	2.35	Salivary gland	2R:-:49086313-49086296	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_80147	AGQQLFK	AGAP004055-PB	-	59	1.27E-05	2	791.442	1.67	Malpighian tubule	2R:-:49088319-49088299	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_80187	VPPFADSVSEGDVK	AGAP004055-PB	-	74	6.23E-07	2	1446.706	-3.34	Midgut	2R:-:49088502-49088461	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_81251	AAVEDPR	AGAP004055-PB	-	45	0.000168343	1	757.383	-1.43	Head	2R:-:49086334-49086314	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_81907	NVEGMNYADIELAIAGLADK	AGAP004055-PB	M5(Oxidation)	160	1.67E-15	1	2123.040	3.4	Head	2R:-:49086728-49086669	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_82163	NVEGMNYADIELAIAGLADK	AGAP004055-PB	M5(Oxidation)	149	1.86E-14	2	2107.040	1.13	Salivary gland	2R:-:49086728-49086669	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_82340	VPPFADSVSEGDVK	AGAP004055-PB	-	104	6.22E-10	1	1446.712	0.79	Ovary	2R:-:49088502-49088461	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_82397	DYVDISVAVASPK	AGAP004055-PB	-	72	8.95E-07	2	1363.712	1.3	Salivary gland	2R:-:49086791-49086753	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_84423	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	-	87	1.97E-08	1	2675.367	-0.31	Salivary gland	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_88394	EAVTFLR	AGAP004055-PB	-	47	0.000203616	2	835.467	-0.22	Midgut	2R:-:49086364-49086344	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_91494	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	-	98	1.52E-09	2	2675.364	-1.33	Midgut	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_92191	HAQAIEAATVK	AGAP004055-PB	Q3(Deamidated)	89	9.40E-09	1	1138.623	0.93	Head	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_92681	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	131	1.08E-12	1	1850.920	1.38	Head	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_93877	EAQNTNAMLTTFNEIDMSFIMDFRK	AGAP004055-PB	M8(Oxidation), M17(Oxidation), M21(Oxidation)	102	6.41E-10	1	3015.357	1.19	Malpighian tubule	2R:-:49087947-49088584,49086882-49087005	exon=> In CDS Exon 4 and 3 of transcript AGAP004055-PB
JHU_Ag_94706	EAVTFLRK	AGAP004055-PB	-	33	0.002784552	2	963.562	-0.63	Head	2R:-:49086364-49086341	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_95918	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	96	3.40E-09	1	1850.920	1.45	Salivary gland	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_97463	AGQQLFK	AGAP004055-PB	-	56	3.04E-05	2	791.442	1.59	Ovary	2R:-:49088319-49088299	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_98787	GLVVPVLR	AGAP004055-PB	-	31	0.000329655	1	852.565	-1.68	Ovary	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_100987	AAAYALQDQPVVNAVIDENEIIYR	AGAP004055-PB	-	109	1.21E-10	1	2675.379	4.27	Male reproductive organs	2R:-:49086938-49087026,49086501-49086792	exon=> In CDS Exon 5 and 4 of transcript AGAP004055-PB
JHU_Ag_101671	VPPFADSVSEGDVK	AGAP004055-PB	-	93	7.02E-09	1	1446.711	0.12	Head	2R:-:49088502-49088461	exon=> In CDS Exon 3 of transcript AGAP004055-PB

JHU_Ag_104515	LKITGEAPK	AGAP004055-PB	-	61	5.96E-06	1	956.577	-0.57	Malpighian tubule	2R:-:49088298-49088272	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_104744	DYVDISVAVASPK	AGAP004055-PB	-	61	1.41E-05	2	1363.713	1.66	Visceras	2R:-:49086791-49086753	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_105695	ITGEAPK	AGAP004055-PB	-	38	0.002012429	1	715.402	4.58	Malpighian tubule	2R:-:49088292-49088272	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_105697	EAVTFLR	AGAP004055-PB	-	50	9.07E-05	2	835.468	1.1	Malpighian tubule	2R:-:49086364-49086344	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_107197	EAVTFLR	AGAP004055-PB	-	45	0.000315364	2	835.467	-0.66	Salivary gland	2R:-:49086364-49086344	exon=> In CDS Exon 6 of transcript AGAP004055-PB
JHU_Ag_109889	GLVVPVLR	AGAP004055-PB	-	35	0.00013585	1	852.566	-0.66	Midgut	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_111331	GQVVIRPMMYVALTYDHR	AGAP004055-PB	M8(Oxidation),M9(Oxidation)	91	1.11E-08	1	2165.104	2.17	Malpighian tubule	2R:-:49086506-49086806,49086293-49086380	exon=> In CDS Exon 6 and 5 of transcript AGAP004055-PB
JHU_Ag_111621	HAQAIEAATVK	AGAP004055-PB	-	85	2.48E-08	1	1138.623	0.93	Visceras	2R:-:49088079-49088047	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_111709	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	136	4.39E-13	1	1850.923	2.96	Visceras	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_112509	NVEGMNYADIELAIAGLADK	AGAP004055-PB	M5(Oxidation)	158	2.88E-15	1	2123.035	0.98	Malpighian tubule	2R:-:49086728-49086669	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_112750	GLVVPVLR	AGAP004055-PB	-	45	1.33E-05	2	852.567	-0.1	Salivary gland	2R:-:49086752-49086729	exon=> In CDS Exon 5 of transcript AGAP004055-PB
JHU_Ag_113780	GQVVIRPMMYVALTYDHRLIDGR	AGAP004055-PB	M8(Oxidation), M9(Oxidation)	64	3.32E-06	1	2735.418	2.1	Head	2R:-:49086506-49086806,49086293-49086365	exon=> In CDS Exon 6 and 5 of transcript AGAP004055-PB
JHU_Ag_115981	MPVAAIR	AGAP004055-PB	M1(Oxidation)	49	0.000240881	2	773.434	0.25	Ovary	2R:-:49088100-49088080	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_117345	AGQQLFK	AGAP004055-PB	-	71	9.27E-07	2	791.445	4.67	Male reproductive organs	2R:-:49088319-49088299	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_117684	VPPFADSVSEGDVKFEK	AGAP004055-PB	-	119	1.82E-11	1	1850.921	2.17	Midgut	2R:-:49088502-49088452	exon=> In CDS Exon 3 of transcript AGAP004055-PB
JHU_Ag_86234	LRNQIR	AGAP004062-PA	N3(Deamidated), Q4(Deamidated)	46	0.000585319	2	801.458	0.06	Salivary gland	2R:-:49273092-49273075	exon=> In CDS Exon 3 of transcript AGAP004062-PA
JHU_Ag_90758	HAANPLLFADQPLPQQR	AGAP004064-PA	-	40	0.001277939	1	1916.015	0.66	Ovary	2R:+:49282572-49282622	exon=> In CDS Exon 2 of transcript AGAP004064-PA
JHU_Ag_9112	GKFFNSVAVAR	AGAP004065-PA	-	39	0.000849327	2	1195.663	3.55	Malpighian tubule	2R:+:49284351-49284383	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_10838	MLALAELPMR	AGAP004065-PA	-	69	2.05E-06	2	1144.624	1.89	Malpighian tubule	2R:+:49284795-49284824	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_13035	FFNSVAVAR	AGAP004065-PA	-	59	1.00E-05	2	1010.542	0.5	Salivary gland	2R:+:49284357-49284383	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_17782	DLFTTIHGGEVIR	AGAP004065-PA	-	88	2.36E-08	1	1457.779	2.63	Midgut	2R:+:49283992-49284030	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_21568	MLALAELPMR	AGAP004065-PA	-	58	2.67E-05	2	1144.623	1.47	Salivary gland	2R:+:49284795-49284824	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_21824	IYGPEALLVHGK	AGAP004065-PA	-	58	7.46E-06	1	1296.733	1.15	Midgut	2R:+:49283956-49283991	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_24182	MLALAELPMR	AGAP004065-PA	-	63	8.07E-06	2	1144.622	0.61	Ovary	2R:+:49284795-49284824	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_28263	ILGSLHGFDGSVGSVSHVAELGDYLYLGSPYNK	AGAP004065-PA	-	195	3.64E-19	1	3451.731	3.97	Larva	2R:+:49284951-49285049	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_28942	GALEPTNHLDNAER	AGAP004065-PA	-	95	5.30E-09	1	1536.745	3.32	Head	2R:+:49283899-49283940	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_32313	LYFANGVALSPNEDFVLVAETMASQIR	AGAP004065-PA	N5(Deamidated), M22(Oxidation)	72	7.75E-07	3	2972.471	-0.12	Midgut	2R:+:49284522-49284602	exon=> In CDS Exon 3 of transcript AGAP004065-PA

JHU_Ag_35484	IIHAIGHFESLIFFAPNR	AGAP004065-PA	-	81	5.58E-08	1	2082.128	-0.1	Midgut	2R:+:49284864-49284917	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_38388	ILGSLHGFDGSVGSVSHVAELGDYLYL GSPYNK	AGAP004065-PA	-	141	8.21E-14	1	3451.715	-0.59	Midgut	2R:+:49284951-49285049	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_41136	ILGSLHGFDGSVGSVSHVAELGDYLYL GSPYNK	AGAP004065-PA	-	71	8.21E-07	1	3451.736	5.56	Ovary	2R:+:49284951-49285049	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_41460	YYLTGPK	AGAP004065-PA	-	43	0.000417335	1	841.445	-0.52	Midgut	2R:+:49284606-49284626	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_41997	FGKPCELSFEEETCGRPLGLAFDTK	AGAP004065-PA	C5(Carbamidomethyl), C14(Carbamidomethyl)	77	2.70E-07	1	2888.375	5.33	Midgut	2R:+:49284064-49284079,49284169-49284227	exon=> In CDS Exon 2 and 3 of transcript AGAP004065-PA
JHU_Ag_42972	ETPSEPAPIHEK	AGAP004065-PA	-	75	5.27E-07	1	1334.661	1.47	Head	2R:+:49285521-49285556	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_48949	GALEPTNHLDNAER	AGAP004065-PA	-	86	3.61E-08	1	1536.745	3.32	Malpighian tubule	2R:+:49283899-49283940	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_51133	IIHAIGHFESLIFFAPNR	AGAP004065-PA	-	37	0.001143065	1	2082.138	4.52	Larva	2R:+:49284864-49284917	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_56451	YYLTGPK	AGAP004065-PA	-	32	0.004671808	1	841.447	2.24	Ovary	2R:+:49284606-49284626	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_57773	VPNDTPKPK	AGAP004065-PA	-	46	0.000214293	2	995.553	0.9	Salivary gland	2R:+:49285557-49285583	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_66042	DLFTTIHGGEVIR	AGAP004065-PA	-	38	0.002516911	1	1457.776	0.93	Malpighian tubule	2R:+:49283992-49284030	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_66610	ETPSEPAPIHEK	AGAP004065-PA	-	39	0.002309472	2	1334.663	3.3	Larva	2R:+:49285521-49285556	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_67043	GALEPTNHLDNAER	AGAP004065-PA	-	97	3.60E-09	1	1536.752	7.69	Midgut	2R:+:49283899-49283940	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_68541	MIHQVMPNVHTQR	AGAP004065-PA	M1(Oxidation), M6(Oxidation)	55	6.23E-05	1	1622.799	5.85	Larva	2R:+:49284825-49284863	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_69404	IYGPEALLVHGK	AGAP004065-PA	-	38	0.000777267	2	1296.733	1.53	Pupa	2R:+:49283956-49283991	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_70373	FGKPCELSFEEETCGRPLGLAFDTK	AGAP004065-PA	C5(Carbamidomethyl), C14(Carbamidomethyl)	90	1.49E-08	1	2888.367	2.53	Ovary	2R:+:49284064-49284079,49284169-49284227	exon=> In CDS Exon 2 and 3 of transcript AGAP004065-PA
JHU_Ag_70414	DLFTTIHGGEVIR	AGAP004065-PA	-	73	6.56E-07	1	1457.774	-0.63	Male reproductive organs	2R:+:49283992-49284030	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_76536	DLFTTIHGGEVIR	AGAP004065-PA	-	49	0.000185392	1	1457.778	2.22	Ovary	2R:+:49283992-49284030	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_76853	ETPSEPAPIHEK	AGAP004065-PA	-	70	1.77E-06	2	1334.669	7.69	Midgut	2R:+:49285521-49285556	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_78169	MLALAELPMR	AGAP004065-PA	M9(Oxidation),"M1(Oxidation), M9(Oxidation)"	65	4.52E-06	2	1144.622	-0.03	Midgut	2R:+:49284795-49284824	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_79699	GSNLIVGDAYYGIWLVDLTTGNKEQLV SPDTVLEGK	AGAP004065-PA	-	49	7.76E-05	3	3864.995	1	Midgut	2R:+:49284228-49284335	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_80150	MIHQVMPNVHTQR	AGAP004065-PA	M1(Oxidation), M6(Oxidation)	49	0.000248298	1	1622.787	-1.14	Midgut	2R:+:49284825-49284863	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_81753	FGKPCELSFEEETCGRPLGLAFDTK	AGAP004065-PA	C5(Carbamidomethyl), C14(Carbamidomethyl)	98	2.24E-09	1	2888.369	3.22	Malpighian tubule	2R:+:49284064-49284079,49284169-49284227	exon=> In CDS Exon 2 and 3 of transcript AGAP004065-PA
JHU_Ag_84498	FFNSVAVAR	AGAP004065-PA	-	61	6.01E-06	2	1010.542	0.14	Visceras	2R:+:49284357-49284383	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_86515	EQLVSPDTVLEGK	AGAP004065-PA	-	67	2.13E-06	2	1414.742	-0.17	Midgut	2R:+:49284297-49284335	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_86733	GALEPTNHLDNAER	AGAP004065-PA	-	93	7.88E-09	1	1536.742	0.94	Ovary	2R:+:49283899-49283940	exon=> In CDS Exon 2 of transcript AGAP004065-PA

JHU_Ag_89438	IYGPEALLVHGK	AGAP004065-PA	-	54	2.05E-05	2	1296.734	2.47	Ovary	2R:+:49283956-49283991	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_89479	FFNSVAVAR	AGAP004065-PA	-	66	1.83E-06	2	1010.545	3.52	Malpighian tubule	2R:+:49284357-49284383	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_90347	MIHQVMPNVHTQR	AGAP004065-PA	M1(Oxidation), M6(Oxidation)	39	0.002121997	1	1622.792	1.99	Head	2R:+:49284825-49284863	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_90794	ILGSLHGFDGSVGSVSHVAELGDYLYLGSPYNK	AGAP004065-PA	-	40	0.001203438	1	3451.731	4.02	Malpighian tubule	2R:+:49284951-49285049	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_94402	TTFPFEGFR	AGAP004065-PA	-	31	0.006899027	2	1101.532	-3.76	Midgut	2R:+:49283744-49283769,49283874-49283874	exon=> In CDS Exon 1 and 2 of transcript AGAP004065-PA
JHU_Ag_99667	INGEHITHIAK	AGAP004065-PA	-	54	5.13E-05	1	1232.673	-1.02	Midgut	2R:+:49284031-49284063	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_101487	ELKGALEPTNHLDNAER	AGAP004065-PA	-	112	1.03E-10	1	1906.967	2.76	Malpighian tubule	2R:+:49283890-49283940	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_102585	YYLTGPK	AGAP004065-PA	-	40	0.000744412	1	841.449	3.84	Malpighian tubule	2R:+:49284606-49284626	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_105607	IYGPEALLVHGKDLFTTIHGGEVIR	AGAP004065-PA	-	34	0.001528597	1	2735.500	4.28	Ovary	2R:+:49283956-49284030	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_106232	FFNSVAVAR	AGAP004065-PA	-	48	0.000120568	2	1010.543	0.68	Midgut	2R:+:49284357-49284383	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_108261	FFNSVAVAR	AGAP004065-PA	-	45	0.000243962	2	1010.544	2.25	Ovary	2R:+:49284357-49284383	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_109539	IYGPEALLVHGK	AGAP004065-PA	-	56	1.21E-05	1	1296.733	1.24	Malpighian tubule	2R:+:49283956-49283991	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_110323	IYGPEALLVHGK	AGAP004065-PA	-	65	1.69E-06	2	1296.734	2.56	Head	2R:+:49283956-49283991	exon=> In CDS Exon 2 of transcript AGAP004065-PA
JHU_Ag_115824	MLALAELPMR	AGAP004065-PA	M9(Oxidation),"M1(Oxidation), M9(Oxidation)"	63	8.09E-06	2	1176.618	5.19	Larva	2R:+:49284795-49284824	exon=> In CDS Exon 3 of transcript AGAP004065-PA
JHU_Ag_10102	VDYTCPSGDPQDPVTFTTR	AGAP004066-PA	C5(Carbamidomethyl)	60	8.86E-06	1	2155.961	0.16	Head	2R:-:49319672-49319616	exon=> In CDS Exon 9 of transcript AGAP004066-PA
JHU_Ag_45332	VHNNFVGCLR	AGAP004066-PA	C8(Carbamidomethyl)	47	0.000259529	1	1215.604	-1.33	Head	2R:-:49319877-49319848	exon=> In CDS Exon 8 of transcript AGAP004066-PA
JHU_Ag_47727	SLGPELSSLPTTTFK	AGAP004066-PA	-	37	0.002664814	1	1577.846	2.42	Head	2R:-:49303617-49303573	exon=> In CDS Exon 15 of transcript AGAP004066-PA
JHU_Ag_51295	VGVDGQWNEFR	AGAP004066-PA	-	55	4.66E-05	2	1306.617	-0.14	Head	2R:-:49314286-49314254	exon=> In CDS Exon 11 of transcript AGAP004066-PA
JHU_Ag_117665	HSYVGLPILK	AGAP004066-PA	-	53	2.53E-05	2	1126.662	0.41	Head	2R:-:49303506-49303477	exon=> In CDS Exon 15 of transcript AGAP004066-PA
JHU_Ag_37797	AEHELR	AGAP004067-PA	-	39	0.00103076	2	754.379	-7.6	Head	2R:+:49428374-49428391	exon=> In CDS Exon 2 of transcript AGAP004067-PA
JHU_Ag_60175	VQGTDAESYVLK	AGAP004068-PA	-	39	0.001957227	1	1309.661	-1.56	Male reproductive organs	2R:+:49460185-49460220	exon=> In CDS Exon 5 of transcript AGAP004068-PA
JHU_Ag_4059	ILLFLAK	AGAP004070-PA	-	21	0.000412069	2	817.555	0.57	Male reproductive organs	2R:-:49465768-49465748	exon=> In CDS Exon 2 of transcript AGAP004070-PA
JHU_Ag_10355	SSNSSNFLVLLK	AGAP004070-PA	N-Term(Acetyl)	55	3.12E-05	2	1350.729	1.6	Ovary	2R:-:49466311-49466276	exon=> In CDS Exon 1 of transcript AGAP004070-PA
JHU_Ag_58578	ILLFLAK	AGAP004070-PA	-	21	0.000407352	2	817.558	4.31	Malpighian tubule	2R:-:49465768-49465748	exon=> In CDS Exon 2 of transcript AGAP004070-PA
JHU_Ag_69195	KPLGDLIR	AGAP004070-PA	-	30	0.002164824	1	911.567	0.04	Malpighian tubule	2R:-:49464877-49464854	exon=> In CDS Exon 2 of transcript AGAP004070-PA
JHU_Ag_81449	VADYLESVR	AGAP004070-PA	-	44	0.000604313	2	1051.542	-0.21	Ovary	2R:-:49464613-49464587	exon=> In CDS Exon 2 of transcript AGAP004070-PA
JHU_Ag_113313	AQLSELAPSIGR	AGAP004070-PA	-	46	0.000176145	2	1241.687	1.65	Ovary	2R:-:49464379-49464344	exon=> In CDS Exon 2 of transcript AGAP004070-PA

JHU_Ag_20864	IFTPELYDQIDTNK	AGAP004071-PB	-	34	0.004367027	2	1696.847	2.54	Midgut	2R:+:49485903-49485929,49490323-49490337	exon=> In CDS Exon 1 and 2 of transcript AGAP004071-PB
JHU_Ag_23583	IFTPELYDQIDTNK	AGAP004071-PB	-	44	0.00055497	2	1696.844	0.74	Malpighian tubule	2R:+:49485903-49485929,49490323-49490337	exon=> In CDS Exon 1 and 2 of transcript AGAP004071-PB
JHU_Ag_1583	SFVTPQDVVNGVYK	AGAP004071-PB,AGAP004071-PC	-	64	5.23E-06	1	1552.802	0.91	Ovary	2R:+:49491360-49491401;2R:+:49491360-49491401	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_2382	LENCNYAVELGK	AGAP004071-PB,AGAP004071-PC	C4(Carbamidomethyl)	47	0.000303837	2	1409.674	0.97	Malpighian tubule	2R:+:49491768-49491803;2R:+:49491768-49491803	exon=> In CDS Exon 4 of transcript AGAP004071-PB;exon=> In CDS Exon 4 of transcript AGAP004071-PC
JHU_Ag_2983	SFQDPAIADGK	AGAP004071-PB,AGAP004071-PC	-	52	0.000124381	2	1148.558	-0.44	Midgut	2R:+:49492104-49492136;2R:+:49492104-49492136	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_3530	LANTGNPIIEK	AGAP004071-PB,AGAP004071-PC	-	60	6.55E-06	1	1169.653	-0.01	Visceras	2R:+:49492011-49492043;2R:+:49492011-49492043	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_3765	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	51	1.76E-05	2	1011.624	3.72	Malpighian tubule	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_4158	SFQDPAIADGK	AGAP004071-PB,AGAP004071-PC	-	45	0.000564679	2	1148.557	-0.86	Ovary	2R:+:49492104-49492136;2R:+:49492104-49492136	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_4477	HLLPLDSEGK	AGAP004071-PB,AGAP004071-PC	-	52	6.93E-05	1	1108.601	0.91	Malpighian tubule	2R:+:49490686-49490715;2R:+:49490686-49490715	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_7765	VYALPEDITEVK	AGAP004071-PB,AGAP004071-PC	-	53	6.13E-05	2	1376.732	1.1	Salivary gland	2R:+:49492272-49492307;2R:+:49492272-49492307	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_8588	LPGYQVR	AGAP004071-PB,AGAP004071-PC	-	38	0.002499557	1	832.470	3.43	Ovary	2R:+:49490395-49490415;2R:+:49490395-49490415	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_10884	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	78	3.95E-08	2	1011.619	-0.26	Midgut	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_12052	GKPHLVLGLLWQIIR	AGAP004071-PB,AGAP004071-PC	-	63	1.87E-07	1	1743.083	2.19	Salivary gland	2R:+:49490917-49490961;2R:+:49490917-49490961	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_12062	VYALPEDITEVKAK	AGAP004071-PB,AGAP004071-PC	-	65	2.57E-06	1	1575.870	4.21	Malpighian tubule	2R:+:49492272-49492313;2R:+:49492272-49492313	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_12070	LMIDEYSNK	AGAP004071-PB,AGAP004071-PC	M2(Oxidation)	41	0.000777542	2	1128.524	0.24	Salivary gland	2R:+:49490416-49490442;2R:+:49490416-49490442	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_14339	AYTLSILSR	AGAP004071-PB,AGAP004071-PC	-	61	4.66E-06	2	1023.583	0.07	Male reproductive organs	2R:+:49491984-49492010;2R:+:49491984-49492010	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_15329	SFVTPQDVVNGVYK	AGAP004071-PB,AGAP004071-PC	N10(Deamidated)	78	1.84E-07	2	1553.791	3.81	Midgut	2R:+:49491360-49491401;2R:+:49491360-49491401	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_16027	LENCNYAVELGK	AGAP004071-PB,AGAP004071-PC	C4(Carbamidomethyl)	78	2.18E-07	1	1409.675	1.58	Midgut	2R:+:49491768-49491803;2R:+:49491768-49491803	exon=> In CDS Exon 4 of transcript AGAP004071-PB;exon=> In CDS Exon 4 of transcript AGAP004071-PC

JHU_Ag_16427	EIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	56	5.26E-05	1	1102.587	-1.61	Midgut	2R:+:49492044-49492070;2R:+:49492044-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_16715	DVASTFKK	AGAP004071-PB,AGAP004071-PC	-	46	0.000205663	1	895.491	2.51	Malpighian tubule	2R:+:49490515-49490538;2R:+:49490515-49490538	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_16718	VYALPEDITEVK	AGAP004071-PB,AGAP004071-PC	-	40	0.001373742	2	1376.731	0.48	Ovary	2R:+:49492272-49492307;2R:+:49492272-49492307	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_17462	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	40	0.000249669	2	1011.620	0.16	Ovary	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_18241	IVNHSCPDTIDER	AGAP004071-PB,AGAP004071-PC	C6(Carbamidomethyl)	67	2.36E-06	1	1555.719	1.32	Midgut	2R:+:49490758-49490796;2R:+:49490758-49490796	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_18509	LANTGNPIIEK	AGAP004071-PB,AGAP004071-PC	-	41	0.000540566	2	1169.656	2.6	Larva	2R:+:49492011-49492043;2R:+:49492011-49492043	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_19591	VEEQLAFSDWINSNLVHDPDLK	AGAP004071-PB,AGAP004071-PC	-	94	6.48E-09	1	2569.261	1.41	Visceras	2R:+:49490620-49490685;2R:+:49490620-49490685	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_20263	EIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	42	0.000910501	2	1102.591	1.42	Male reproductive organs	2R:+:49492044-49492070;2R:+:49492044-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_22690	EIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	46	0.000524038	2	1102.590	0.87	Malpighian tubule	2R:+:49492044-49492070;2R:+:49492044-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_23419	VYALPEDITEVK	AGAP004071-PB,AGAP004071-PC	-	52	6.96E-05	2	1376.731	0.13	Male reproductive organs	2R:+:49492272-49492307;2R:+:49492272-49492307	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_24083	VEEQLAFSDWINSNLVHDPDLK	AGAP004071-PB,AGAP004071-PC	-	71	1.27E-06	1	2569.270	4.91	Head	2R:+:49490620-49490685;2R:+:49490620-49490685	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_25166	HLLPLDSEGK	AGAP004071-PB,AGAP004071-PC	-	35	0.003723146	1	1108.602	2.23	Visceras	2R:+:49490686-49490715;2R:+:49490686-49490715	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_27496	VYALPEDITEVK	AGAP004071-PB,AGAP004071-PC	-	58	2.29E-05	1	1376.735	2.87	Visceras	2R:+:49492272-49492307;2R:+:49492272-49492307	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_30578	SFQDPAIADGK	AGAP004071-PB,AGAP004071-PC	-	52	0.00012183	2	1148.558	-0.44	Malpighian tubule	2R:+:49492104-49492136;2R:+:49492104-49492136	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_32124	VEEQLAFSDWINSNLVHDPDLK	AGAP004071-PB,AGAP004071-PC	-	80	1.59E-07	1	2569.260	1.27	Ovary	2R:+:49490620-49490685;2R:+:49490620-49490685	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_32911	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	60	2.66E-06	2	1011.620	0.34	Male reproductive organs	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_33582	VEEQLAFSDWINSNLVHDPDLK	AGAP004071-PB,AGAP004071-PC	-	88	2.47E-08	1	2569.263	2.2	Salivary gland	2R:+:49490620-49490685;2R:+:49490620-49490685	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_36746	LANTGNPIIEKEIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	52	3.98E-05	1	2253.226	1	Head	2R:+:49492011-49492070;2R:+:49492011-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC

JHU_Ag_38732	DAGVNVEALR	AGAP004071-PB,AGAP004071-PC	-	66	3.27E-06	2	1043.552	3.94	Malpighian tubule	2R:+:49491193-49491222;2R:+:49491193-49491222	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_40355	VEEQLAFSDWINSNLVHDPDLK	AGAP004071-PB,AGAP004071-PC	-	107	2.87E-10	1	2569.255	-0.65	Midgut	2R:+:49490620-49490685;2R:+:49490620-49490685	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_41955	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	59	3.62E-06	2	1011.619	-0.26	Salivary gland	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_42835	NLTVYTK	AGAP004071-PB,AGAP004071-PC	-	33	0.003467966	1	838.466	-0.65	Midgut	2R:+:49490812-49490832;2R:+:49490812-49490832	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_44269	HLLPLDSEGK	AGAP004071-PB,AGAP004071-PC	-	47	0.000210115	1	1108.599	-0.97	Salivary gland	2R:+:49490686-49490715;2R:+:49490686-49490715	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_46854	LNLAFVANLFNNHPGLDQPEEIEGLESIEETR	AGAP004071-PB,AGAP004071-PC	-	45	0.000348645	1	3608.799	3.34	Midgut	2R:+:49491402-49491497;2R:+:49491402-49491497	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_48701	DAGVNVEALR	AGAP004071-PB,AGAP004071-PC	-	74	4.91E-07	2	1043.547	-0.86	Midgut	2R:+:49491193-49491222;2R:+:49491193-49491222	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_48769	SFVTPQDVVNGVYK	AGAP004071-PB,AGAP004071-PC	N10(Deamidated)	54	5.90E-05	2	1553.789	2.79	Salivary gland	2R:+:49491360-49491401;2R:+:49491360-49491401	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_49209	DAGVNVEALREQNALNR	AGAP004071-PB,AGAP004071-PC	-	75	3.72E-07	1	1868.967	4.92	Malpighian tubule	2R:+:49491193-49491222,49491297-49491317;2R:+:49491193-49491222,49491297-49491317	exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PC
JHU_Ag_50817	DGGNPEENLENAK	AGAP004071-PB,AGAP004071-PC	N11(Deamidated)	83	3.85E-08	1	1386.618	3.58	Midgut	2R:+:49492197-49492235;2R:+:49492197-49492235	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_50959	DVASTFK	AGAP004071-PB,AGAP004071-PC	-	54	2.83E-05	1	767.392	-2.3	Salivary gland	2R:+:49490515-49490535;2R:+:49490515-49490535	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_52290	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	59	3.81E-06	1	2272.266	4.9	Visceras	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_56429	AEMMLQQAAK	AGAP004071-PB,AGAP004071-PC	M3(Oxidation), M4(Oxidation)	49	0.000153204	2	1152.540	0.77	Salivary gland	2R:+:49491318-49491347;2R:+:49491318-49491347	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_58427	DAGVNVEALREQNALNR	AGAP004071-PB,AGAP004071-PC	-	59	1.83E-05	1	1868.956	-0.64	Salivary gland	2R:+:49491193-49491222,49491297-49491317;2R:+:49491193-49491222,49491297-49491317	exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PC
JHU_Ag_58832	HLLPLDSEGK	AGAP004071-PB,AGAP004071-PC	-	40	0.001105244	1	1108.599	-0.64	Midgut	2R:+:49490686-49490715;2R:+:49490686-49490715	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_59744	LENCNYAVELGK	AGAP004071-PB,AGAP004071-PC	C4(Carbamidomethyl)	53	7.08E-05	1	1409.675	1.58	Ovary	2R:+:49491768-49491803;2R:+:49491768-49491803	exon=> In CDS Exon 4 of transcript AGAP004071-PB;exon=> In CDS Exon 4 of transcript AGAP004071-PC

JHU_Ag_60358	LSYDEFESLCMDLK	AGAP004071-PB,AGAP004071-PC	C10(Carbamidomethyl), M11(Oxidation)	37	0.001472645	1	1765.772	3.21	Salivary gland	2R:+:49490467-49490508;2R:+:49490467-49490508	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_60750	DAGVNVEALREQNALNR	AGAP004071-PB,AGAP004071-PC	-	63	6.41E-06	1	1868.959	0.63	Ovary	2R:+:49491193-49491222,49491297-49491317;2R:+:49491193-49491222,49491297-49491317	exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PC
JHU_Ag_61146	SFVTPQDVVNGVYK	AGAP004071-PB,AGAP004071-PC	N10(Deamidated)	43	0.000556642	2	1553.797	7.66	Larva	2R:+:49491360-49491401;2R:+:49491360-49491401	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_61235	HLLPLDSEGK	AGAP004071-PB,AGAP004071-PC	-	35	0.003520272	1	1108.598	-1.74	Head	2R:+:49490686-49490715;2R:+:49490686-49490715	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_62858	LANTGNPIIEK	AGAP004071-PB,AGAP004071-PC	-	64	2.55E-06	2	1169.654	0.93	Head	2R:+:49492011-49492043;2R:+:49492011-49492043	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_63647	DALDQVGFK	AGAP004071-PB,AGAP004071-PC	-	43	0.000712736	2	992.507	1.74	Malpighian tubule	2R:+:49490368-49490394;2R:+:49490368-49490394	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_64199	SFQDPAIADGK	AGAP004071-PB,AGAP004071-PC	-	52	0.000126985	2	1148.559	0.62	Visceras	2R:+:49492104-49492136;2R:+:49492104-49492136	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_64775	SFQDPAIADGK	AGAP004071-PB,AGAP004071-PC	-	50	0.000172089	2	1148.558	0.09	Head	2R:+:49492104-49492136;2R:+:49492104-49492136	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_64948	DAGVNVEALREQNALNR	AGAP004071-PB,AGAP004071-PC	-	33	0.006627256	1	1868.954	-1.92	Midgut	2R:+:49491193-49491222,49491297-49491317;2R:+:49491193-49491222,49491297-49491317	exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PC
JHU_Ag_65339	LENCNYAVELGK	AGAP004071-PB,AGAP004071-PC	C4(Carbamidomethyl)	66	4.03E-06	2	1409.674	0.71	Head	2R:+:49491768-49491803;2R:+:49491768-49491803	exon=> In CDS Exon 4 of transcript AGAP004071-PB;exon=> In CDS Exon 4 of transcript AGAP004071-PC
JHU_Ag_65704	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	49	4.69E-05	3	2272.261	2.65	Head	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_67271	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	115	9.72E-12	1	2272.262	3.29	Malpighian tubule	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_67935	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	62	1.20E-06	2	1011.622	1.79	Head	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_68848	DGGNPEENLENAK	AGAP004071-PB,AGAP004071-PC	-	47	0.00015042	2	1386.615	0.94	Ovary	2R:+:49492197-49492235;2R:+:49492197-49492235	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_70384	LMIDEYSNKQR	AGAP004071-PB,AGAP004071-PC	M2(Oxidation)	75	5.22E-07	1	1396.693	2.99	Malpighian tubule	2R:+:49490416-49490448;2R:+:49490416-49490448	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC

JHU_Ag_71956	AEMMLQQAAK	AGAP004071-PB,AGAP004071-PC	M3(Oxidation),"M3(Oxidation), M4(Oxidation)",M4(Oxidation)	74	4.62E-07	1	1152.539	0.24	Midgut	2R:+:49491318-49491347;2R:+:49491318-49491347	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_72776	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	63	1.14E-06	2	1011.622	2.45	Visceras	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_74412	SFVTPQDVVNGVYK	AGAP004071-PB,AGAP004071-PC	-	43	0.000686339	1	1552.805	2.87	Malpighian tubule	2R:+:49491360-49491401;2R:+:49491360-49491401	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_74719	LENCNYAVELGK	AGAP004071-PB,AGAP004071-PC	C4(Carbamidomethyl)	59	1.98E-05	2	1409.674	0.45	Salivary gland	2R:+:49491768-49491803;2R:+:49491768-49491803	exon=> In CDS Exon 4 of transcript AGAP004071-PB;exon=> In CDS Exon 4 of transcript AGAP004071-PC
JHU_Ag_74987	DGGNPEENLENAK	AGAP004071-PB,AGAP004071-PC	-	52	4.98E-05	2	1386.617	2.61	Malpighian tubule	2R:+:49492197-49492235;2R:+:49492197-49492235	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_75702	DGGNPEENLENAK	AGAP004071-PB,AGAP004071-PC	-	57	1.38E-05	1	1386.614	0.67	Salivary gland	2R:+:49492197-49492235;2R:+:49492197-49492235	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_78610	LANTGNPIIEK	AGAP004071-PB,AGAP004071-PC	-	68	1.16E-06	2	1169.652	-0.42	Midgut	2R:+:49492011-49492043;2R:+:49492011-49492043	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_79305	VYALPEDITEVK	AGAP004071-PB,AGAP004071-PC	-	59	1.65E-05	2	1376.731	-0.05	Midgut	2R:+:49492272-49492307;2R:+:49492272-49492307	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_79952	ENLETLGGMSDSSAAGTTHSVR	AGAP004071-PB,AGAP004071-PC	M9(Oxidation)	56	3.28E-05	1	2236.015	0.33	Head	2R:+:49490554-49490619;2R:+:49490554-49490619	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_79955	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	104	1.57E-10	1	2272.257	0.96	Ovary	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_81146	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	143	1.63E-14	1	2272.256	0.47	Midgut	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_81830	AYTLSILSR	AGAP004071-PB,AGAP004071-PC	-	57	1.08E-05	2	1023.589	5.08	Malpighian tubule	2R:+:49491984-49492010;2R:+:49491984-49492010	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_84431	AYTLSILSR	AGAP004071-PB,AGAP004071-PC	-	61	5.06E-06	2	1023.583	0.07	Salivary gland	2R:+:49491984-49492010;2R:+:49491984-49492010	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_84649	AYTLSILSR	AGAP004071-PB,AGAP004071-PC	-	44	0.00026715	2	1023.583	-0.41	Pupa	2R:+:49491984-49492010;2R:+:49491984-49492010	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_86347	IVNHSCPDTIDER	AGAP004071-PB,AGAP004071-PC	C6(Carbamidomethyl)	81	1.00E-07	1	1555.719	1.16	Head	2R:+:49490758-49490796;2R:+:49490758-49490796	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_86378	LSYDEFESLCMDLK	AGAP004071-PB,AGAP004071-PC	C10(Carbamidomethyl), M11(Oxidation),C10(Carbamidomethyl)	42	0.00070847	2	1749.772	0.75	Ovary	2R:+:49490467-49490508;2R:+:49490467-49490508	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_87430	VYALPEDITEVK	AGAP004071-PB,AGAP004071-PC	-	47	0.000290972	2	1376.734	1.99	Head	2R:+:49492272-49492307;2R:+:49492272-49492307	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_88281	DGGNPEENLENAK	AGAP004071-PB,AGAP004071-PC	-	83	3.44E-08	1	1386.614	0.5	Head	2R:+:49492197-49492235;2R:+:49492197-49492235	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC

JHU_Ag_89493	DAGVNVEALREQNALNR	AGAP004071-PB,AGAP004071-PC	-	50	0.000137925	1	1868.961	2	Male reproductive organs	2R:+:49491193-49491222,49491297-49491317;2R:+:49491193-49491222,49491297-49491317	exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004071-PC
JHU_Ag_90937	LANTGNPIIEK	AGAP004071-PB,AGAP004071-PC	-	55	2.04E-05	2	1169.652	-0.22	Pupa	2R:+:49492011-49492043;2R:+:49492011-49492043	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_91762	AEMMLQQAAK	AGAP004071-PB,AGAP004071-PC	M3(Oxidation), M4(Oxidation)	60	1.52E-05	2	1152.541	2.25	Malpighian tubule	2R:+:49491318-49491347;2R:+:49491318-49491347	exon=> In CDS Exon 3 of transcript AGAP004071-PB;exon=> In CDS Exon 3 of transcript AGAP004071-PC
JHU_Ag_92991	EIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	50	0.000191585	2	1102.588	-0.68	Salivary gland	2R:+:49492044-49492070;2R:+:49492044-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_93802	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	103	1.74E-10	1	2272.260	2.49	Pupa	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_94484	AYTLSILSR	AGAP004071-PB,AGAP004071-PC	-	53	3.15E-05	2	1023.583	-0.05	Midgut	2R:+:49491984-49492010;2R:+:49491984-49492010	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_94953	LANTGNPIIEKEIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	115	1.92E-11	1	2253.228	1.73	Ovary	2R:+:49492011-49492070;2R:+:49492011-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_95386	VEEQLAFSDWINSNLVHDPDLK	AGAP004071-PB,AGAP004071-PC	-	55	5.05E-05	1	2569.271	5.4	Pupa	2R:+:49490620-49490685;2R:+:49490620-49490685	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_96503	DAGVNVEALR	AGAP004071-PB,AGAP004071-PC	-	81	8.96E-08	2	1043.547	-0.62	Salivary gland	2R:+:49491193-49491222;2R:+:49491193-49491222	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_99948	IVNHSCPDTIDER	AGAP004071-PB,AGAP004071-PC	C6(Carbamidomethyl)	73	6.96E-07	1	1555.722	3.12	Malpighian tubule	2R:+:49490758-49490796;2R:+:49490758-49490796	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_100295	LSPEAILLR	AGAP004071-PB,AGAP004071-PC	-	62	1.70E-06	2	1011.620	-0.14	Pupa	2R:+:49491052-49491078;2R:+:49491052-49491078	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_100842	LANTGNPIIEK	AGAP004071-PB,AGAP004071-PC	-	53	3.16E-05	2	1169.652	-0.22	Malpighian tubule	2R:+:49492011-49492043;2R:+:49492011-49492043	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_108455	SFQDPAIADGK	AGAP004071-PB,AGAP004071-PC	-	68	3.19E-06	2	1148.560	1.16	Salivary gland	2R:+:49492104-49492136;2R:+:49492104-49492136	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_108472	DAGVNVEALR	AGAP004071-PB,AGAP004071-PC	-	43	0.00065606	2	1043.548	-0.27	Ovary	2R:+:49491193-49491222;2R:+:49491193-49491222	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_110694	DGGNPEENLENAKYAVSMAR	AGAP004071-PB,AGAP004071-PC	M18(Oxidation)	106	3.15E-10	1	2165.001	3.73	Malpighian tubule	2R:+:49492197-49492256;2R:+:49492197-49492256	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_111061	VHQKFTPLR	AGAP004071-PB,AGAP004071-PC	-	38	0.000532489	1	1125.655	2	Malpighian tubule	2R:+:49491726-49491752;2R:+:49491726-49491752	exon=> In CDS Exon 4 of transcript AGAP004071-PB;exon=> In CDS Exon 4 of transcript AGAP004071-PC
JHU_Ag_111966	LANTGNPIIEK	AGAP004071-PB,AGAP004071-PC	-	61	5.56E-06	2	1169.653	0.41	Salivary gland	2R:+:49492011-49492043;2R:+:49492011-49492043	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC

JHU_Ag_112114	LENCNYAVELGK	AGAP004071-PB,AGAP004071-PC	C4(Carbamidomethyl)	63	7.77E-06	1	1409.673	0.02	Male reproductive organs	2R:+:49491768-49491803;2R:+:49491768-49491803	exon=> In CDS Exon 4 of transcript AGAP004071-PB;exon=> In CDS Exon 4 of transcript AGAP004071-PC
JHU_Ag_112545	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	90	3.62E-09	1	2272.254	-0.58	Male reproductive organs	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_113041	WVNHHLER	AGAP004071-PB,AGAP004071-PC	-	54	7.86E-05	1	1090.554	-0.22	Midgut	2R:+:49491079-49491102;2R:+:49491079-49491102	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_113592	DGILLCK	AGAP004071-PB,AGAP004071-PC	C6(Carbamidomethyl)	48	0.000334346	2	818.444	0.35	Head	2R:+:49490737-49490757;2R:+:49490737-49490757	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_114035	LANTGNPIIEKEIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	90	5.49E-09	1	2253.239	6.69	Malpighian tubule	2R:+:49492011-49492070;2R:+:49492011-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_114756	DGILLCK	AGAP004071-PB,AGAP004071-PC	C6(Carbamidomethyl)	47	0.000393728	2	818.444	0.05	Midgut	2R:+:49490737-49490757;2R:+:49490737-49490757	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_114961	DALDQVGFK	AGAP004071-PB,AGAP004071-PC	-	54	6.71E-05	2	992.505	-0.23	Salivary gland	2R:+:49490368-49490394;2R:+:49490368-49490394	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_116842	LANTGNPIIEKEIVQWVNSK	AGAP004071-PB,AGAP004071-PC	-	85	2.06E-08	1	2253.229	2.13	Male reproductive organs	2R:+:49492011-49492070;2R:+:49492011-49492070	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_116992	IIIDLIDTIKPGSINYDNVR	AGAP004071-PB,AGAP004071-PC	-	103	1.74E-10	1	2272.259	1.84	Salivary gland	2R:+:49492137-49492196;2R:+:49492137-49492196	exon=> In CDS Exon 5 of transcript AGAP004071-PB;exon=> In CDS Exon 5 of transcript AGAP004071-PC
JHU_Ag_117176	ELKDALDQVGFK	AGAP004071-PB,AGAP004071-PC	-	64	3.98E-06	1	1362.727	0.67	Ovary	2R:+:49490359-49490394;2R:+:49490359-49490394	exon=> In CDS Exon 2 of transcript AGAP004071-PB;exon=> In CDS Exon 2 of transcript AGAP004071-PC
JHU_Ag_26919	DDDQADTVGCCSLR	AGAP004078-PA,AGAP004078-PB	C10(Carbamidomethyl), C11(Carbamidomethyl)	43	9.16E-05	2	1611.639	0.95	Head	2R:-:49504412-49504371;2R:-:49504412-49504371	exon=> In CDS Exon 5 of transcript AGAP004078-PA;exon=> In CDS Exon 2 of transcript AGAP004078-PB
JHU_Ag_1626	AIDTAGVADQWEVDSAAIGSWHVGR	AGAP004079-PA	-	65	5.07E-06	1	2611.270	6.38	Malpighian tubule	2R:-:49511478-49511404	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_3904	ADFEHYDYIFGMDGENIADLK	AGAP004079-PA	M12(Oxidation)	66	1.82E-06	1	2479.078	0.72	Ovary	2R:-:49511325-49511263	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_6943	SPIAEAVFLK	AGAP004079-PA	-	85	2.84E-08	1	1074.620	0.23	Ovary	2R:-:49511508-49511479	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_14836	KADFEHYDYIFGMDGENIADLK	AGAP004079-PA	M13(Oxidation)	99	1.27E-09	1	2607.172	0.43	Ovary	2R:-:49511328-49511263	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_33503	ALFICLGNICR	AGAP004079-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	60	1.40E-05	2	1336.690	2.25	Visceras	2R:-:49511847-49511865,49511074-49511509	exon=> In CDS Exon 2 and 1 of transcript AGAP004079-PA
JHU_Ag_43124	ADFEHYDYIFGMDGENIADLK	AGAP004079-PA	M12(Oxidation)	44	0.000269871	1	2479.083	2.72	Head	2R:-:49511325-49511263	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_46857	ALFICLGNICR	AGAP004079-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	70	1.47E-06	2	1336.690	2.44	Head	2R:-:49511847-49511865,49511074-49511509	exon=> In CDS Exon 2 and 1 of transcript AGAP004079-PA
JHU_Ag_49437	SPIAEAVFLK	AGAP004079-PA	-	48	0.00015524	1	1074.619	-0.23	Male reproductive organs	2R:-:49511508-49511479	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_56682	ILLLGDFDPQQPGAIIR	AGAP004079-PA	-	91	2.82E-09	1	1866.050	0.68	Ovary	2R:-:49511229-49511179	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_91285	ILLLGDFDPQQPGAIIR	AGAP004079-PA	-	70	3.43E-07	1	1866.055	3.43	Head	2R:-:49511229-49511179	exon=> In CDS Exon 2 of transcript AGAP004079-PA

JHU_Ag_97677	CCDAFLSK	AGAP004079-PA	C1(Carbamidomethyl), C2(Carbamidomethyl)	49	3.02E-05	2	1000.422	-1.15	Ovary	2R:-:49511118-49511095	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_107204	SPIAEAVFLK	AGAP004079-PA	-	45	0.000209985	2	1074.623	3.07	Malpighian tubule	2R:-:49511508-49511479	exon=> In CDS Exon 2 of transcript AGAP004079-PA
JHU_Ag_109308	ALFICLGNICR	AGAP004079-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	72	1.15E-06	1	1336.688	0.79	Ovary	2R:-:49511847-49511865,49511074-49511509	exon=> In CDS Exon 2 and 1 of transcript AGAP004079-PA
JHU_Ag_117277	ALFICLGNICR	AGAP004079-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	70	1.45E-06	2	1336.692	4.08	Malpighian tubule	2R:-:49511847-49511865,49511074-49511509	exon=> In CDS Exon 2 and 1 of transcript AGAP004079-PA
JHU_Ag_9085	ERQDAIK	AGAP004082-PA	Q3(Deamidated)	37	0.003961064	1	860.451	4.54	Pupa	2R:+:49519586-49519606	exon=> In CDS Exon 2 of transcript AGAP004082-PA
JHU_Ag_31174	VQIIK	AGAP004087-PA	-	30	0.005226321	1	600.410	2.76	Larva	2R:+:49531335-49531349	exon=> In CDS Exon 3 of transcript AGAP004087-PA
JHU_Ag_46484	VQIIK	AGAP004087-PA	-	34	0.002119318	1	600.409	1.64	Malpighian tubule	2R:+:49531335-49531349	exon=> In CDS Exon 3 of transcript AGAP004087-PA
JHU_Ag_48973	VQIIK	AGAP004087-PA	-	32	0.003397786	1	600.407	-1	Midgut	2R:+:49531335-49531349	exon=> In CDS Exon 3 of transcript AGAP004087-PA
JHU_Ag_31336	IDDRDEHGFTAMR	AGAP004088-PA	M12(Oxidation)	43	0.000468622	1	1578.701	3.06	Malpighian tubule	2R:-:49535963-49535925	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_42386	YIFDNSALDNAVEDERFELAR	AGAP004088-PA	-	31	0.011878475	1	2487.184	2.17	Midgut	2R:-:49536296-49536234	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_48186	LQDLTALLNANEGR	AGAP004088-PA	Q2(Deamidated)	48	0.000177692	2	1528.817	13.2	Midgut	2R:-:49538069-49538028	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_56666	TLQTLLAVQHLVK	AGAP004088-PA	-	33	0.000282586	1	1463.896	0.83	Malpighian tubule	2R:-:49536926-49536888	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_72869	AEIEFLLQTLQVPQSHTDAR	AGAP004088-PA	-	116	2.09E-11	1	2296.207	5.9	Malpighian tubule	2R:-:49535240-49535181	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_80136	YIFDNSALDNAVEDERFELAR	AGAP004088-PA	-	43	0.000814199	1	2487.178	-0.4	Malpighian tubule	2R:-:49536296-49536234	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_91875	SVNGIKLQDLTALLNANEGR	AGAP004088-PA	Q8(Deamidated),N3(Deamidated)	51	3.99E-05	1	2127.152	5.46	Malpighian tubule	2R:-:49538087-49538028	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_102348	GGPPPLGLFLVR	AGAP004088-PA	-	32	0.000842108	2	1222.736	4.22	Malpighian tubule	2R:-:49538027-49537992	exon=> In CDS Exon 2 of transcript AGAP004088-PA
JHU_Ag_10763	VILSDANVPGEGEHKIMDYIR	AGAP004090-PA	M17(Oxidation)	45	0.000378521	1	2372.201	4.16	Malpighian tubule	2R:+:49542752-49542814	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_15156	FAWQGVALLPFVDEKR	AGAP004090-PA	-	90	9.83E-09	1	1876.016	2.51	Ovary	2R:+:49544114-49544161	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_19533	KYPSVIIECVEQK	AGAP004090-PA	C9(Carbamidomethyl)	34	0.004288198	1	1592.839	2.21	Ovary	2R:+:49542083-49542121	exon=> In CDS Exon 1 of transcript AGAP004090-PA
JHU_Ag_46806	RPNFEQYNNSQFAPTPLGR	AGAP004090-PA	-	52	0.000113546	1	2236.099	4.17	Malpighian tubule	2R:+:49543457-49543513	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_48435	VLGANEGPVIGFGQR	AGAP004090-PA	-	82	7.70E-08	1	1513.819	4.72	Malpighian tubule	2R:+:49544528-49544572	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_49337	VILSDANVPGEGEHK	AGAP004090-PA	-	42	0.001090222	2	1564.800	2.13	Ovary	2R:+:49542752-49542796	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_55772	VPLLTEEER	AGAP004090-PA	-	36	0.002596748	2	1085.583	-0.88	Midgut	2R:+:49544186-49544212	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_59634	VAAGNNSANDPSPR	AGAP004090-PA	-	98	2.03E-09	2	1369.649	2.68	Malpighian tubule	2R:+:49543601-49543642	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_64711	GYLTDSGSVLLDR	AGAP004090-PA	-	39	0.001895293	2	1395.716	3.31	Midgut	2R:+:49543295-49543333	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_67929	SPIIDFYPIDFR	AGAP004090-PA	-	74	4.96E-07	1	1482.764	0.87	Ovary	2R:+:49544057-49544092	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_70471	ELDMPNLPFPYDFER	AGAP004090-PA	M4(Oxidation)	43	0.000579895	2	1898.866	1.51	Midgut	2R:+:49543115-49543159	exon=> In CDS Exon 2 of transcript AGAP004090-PA

JHU_Ag_77254	AGGNNWTNNNGGR	AGAP004090-PA	-	49	6.54E-05	2	1331.586	1.97	Malpighian tubule	2R:+:49550235-49550273	exon=> In CDS Exon 3 of transcript AGAP004090-PA
JHU_Ag_77950	FAWQGVALLPFVDEK	AGAP004090-PA	-	40	0.001263 52	2	1719.914	1.99	Ovary	2R:+:49544114-49544158	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_78430	SPIIDFYPIDFR	AGAP004090-PA	-	62	6.64E-06	1	1482.763	0.13	Midgut	2R:+:49544057-49544092	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_79200	YADDFVFPAR	AGAP004090-PA	-	55	2.83E-05	2	1200.571	2.51	Ovary	2R:+:49544468-49544497	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_81218	VILSDANVPGEGEHK	AGAP004090-PA	-	79	2.09E-07	1	1564.795	-0.99	Midgut	2R:+:49542752-49542796	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_83596	VPLLTEEER	AGAP004090-PA	-	54	4.60E-05	2	1085.581	-2.12	Ovary	2R:+:49544186-49544212	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_84330	FAWQGVALLPFVDEKR	AGAP004090-PA	-	80	1.06E-07	1	1876.008	-1.78	Midgut	2R:+:49544114-49544161	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_85183	NTSQSSPNQFANQVQYDYNNHR	AGAP004090-PA	-	48	0.000167 406	1	2612.161	3.92	Malpighian tubule	2R:+:49550169-49550234	exon=> In CDS Exon 3 of transcript AGAP004090-PA
JHU_Ag_87640	VLGANEGPVIGFGQR	AGAP004090-PA	N5(Deamidated)	96	3.07E-09	2	1513.815	1.49	Ovary	2R:+:49544528-49544572	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_90755	GTPFKPLQQLMGVFPAASR	AGAP004090-PA	M11(Oxidation)	68	1.22E-06	1	2061.096	0.48	Ovary	2R:+:49543955-49544011	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_95067	TLAGLYGGDDVDYNR	AGAP004090-PA	-	93	6.12E-09	1	1628.757	1.06	Ovary	2R:+:49544273-49544317	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_102721	NTSQSSPNQFANQVQYDYNNHR	AGAP004090-PA	-	43	0.000420 136	1	2612.153	0.97	Ovary	2R:+:49550169-49550234	exon=> In CDS Exon 3 of transcript AGAP004090-PA
JHU_Ag_105170	ELDMPNLPFPYDFER	AGAP004090-PA	M4(Oxidation)	61	7.97E-06	2	1898.866	1.77	Ovary	2R:+:49543115-49543159	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_110308	GTPFKPLQQLMGVFPAASR	AGAP004090-PA	M11(Oxidation)	41	0.000570 282	1	2061.101	2.79	Malpighian tubule	2R:+:49543955-49544011	exon=> In CDS Exon 2 of transcript AGAP004090-PA
JHU_Ag_15134	ANIVWPGLSAPVIR	AGAP004091-PA	-	42	0.000154 941	2	1492.868	3.13	Visceras	2R:+:49682133-49682174	exon=> In CDS Exon 2 of transcript AGAP004091-PA
JHU_Ag_21861	ANIVWPGLSAPVIR	AGAP004091-PA	-	47	5.03E-05	2	1492.869	3.7	Ovary	2R:+:49682133-49682174	exon=> In CDS Exon 2 of transcript AGAP004091-PA
JHU_Ag_54908	ANIVWPGLSAPVIR	AGAP004091-PA	-	42	0.000139 69	2	1492.868	2.72	Malpighian tubule	2R:+:49682133-49682174	exon=> In CDS Exon 2 of transcript AGAP004091-PA
JHU_Ag_56585	ANIVWPGLSAPVIR	AGAP004091-PA	-	34	0.000659 588	2	1492.872	5.91	Salivary gland	2R:+:49682133-49682174	exon=> In CDS Exon 2 of transcript AGAP004091-PA
JHU_Ag_66527	TVCEVLGIKDLR	AGAP004091-PA	C3(Carbamidomethyl)	38	0.001603 717	2	1402.775	2.21	Malpighian tubule	2R:+:49682682-49682717	exon=> In CDS Exon 2 of transcript AGAP004091-PA
JHU_Ag_86955	AFFIGLLK	AGAP004091-PA	-	35	0.000485 7	2	908.560	-1.05	Midgut	2R:+:49682760-49682783	exon=> In CDS Exon 2 of transcript AGAP004091-PA
JHU_Ag_38009	QIPVKDAVAQGK	AGAP004093-PA	-	35	0.001282 521	1	1253.725	2.89	Larva	2R:-:49715450-49715415	exon=> In CDS Exon 2 of transcript AGAP004093-PA
JHU_Ag_39787	VAAIDPNGPR	AGAP004093-PA	-	43	0.000596 23	1	1009.545	1.94	Larva	2R:-:49715712-49715683	exon=> In CDS Exon 1 of transcript AGAP004093-PA
JHU_Ag_61572	DEDFIAVGTK	AGAP004093-PA	-	73	7.93E-07	1	1094.544	7.14	Larva	2R:-:49715480-49715451	exon=> In CDS Exon 2 of transcript AGAP004093-PA
JHU_Ag_61689	VTMTGDQNLFQALVDAI	AGAP004093-PA	M3(Oxidation)	83	7.25E-08	1	1851.928	6.81	Larva	2R:-:49715414-49715364	exon=> In CDS Exon 2 of transcript AGAP004093-PA
JHU_Ag_61838	AGSPDVVINLKDEDFIAVGTK	AGAP004093-PA	-	78	1.50E-07	1	2188.163	6.02	Larva	2R:-:49715513-49715451	exon=> In CDS Exon 2 of transcript AGAP004093-PA
JHU_Ag_64612	AGSPDVVINLK	AGAP004093-PA	-	93	2.70E-09	1	1112.637	5.02	Larva	2R:-:49715513-49715481	exon=> In CDS Exon 2 of transcript AGAP004093-PA
JHU_Ag_2000	KVLGVFQFNIK	AGAP004094-PA	-	35	0.000682 393	1	1292.777	3.25	Malpighian tubule	2R:+:49717857-49717889	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_8491	SLETVIEK	AGAP004094-PA	N-Term(Acetyl)	49	0.000167 231	1	960.528	2.98	Head	2R:+:49717791-49717814	exon=> In CDS Exon 1 of transcript AGAP004094-PA

JHU_Ag_10890	SLETVIEKVK	AGAP004094-PA	N-Term(Acetyl)	51	5.17E-05	1	1187.693	3.74	Malpighian tubule	2R:+:49717791-49717820	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_13375	TLSVGDALTQGK	AGAP004094-PA	-	63	7.01E-06	2	1189.642	0.03	Head	2R:+:49718149-49718184	exon=> In CDS Exon 2 of transcript AGAP004094-PA
JHU_Ag_14874	TLSVGDALTQGKLEIQGDATLAAK	AGAP004094-PA	-	84	1.91E-08	1	2400.304	2.4	Malpighian tubule	2R:+:49718149-49718220	exon=> In CDS Exon 2 of transcript AGAP004094-PA
JHU_Ag_25580	SLETVIEK	AGAP004094-PA	N-Term(Acetyl)	55	4.89E-05	1	960.528	2.92	Larva	2R:+:49717791-49717814	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_25921	TASGVEQYVIDLK	AGAP004094-PA	-	107	2.51E-10	2	1422.756	5.71	Head	2R:+:49717890-49717914,49718048-49718061	exon=> In CDS Exon 1 and 2 of transcript AGAP004094-PA
JHU_Ag_34996	SLETVIEK	AGAP004094-PA	N-Term(Acetyl)	53	9.60E-05	1	960.524	-0.58	Midgut	2R:+:49717791-49717814	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_39917	TLSVGDALTQGK	AGAP004094-PA	-	50	0.000142325	1	1189.643	0.81	Midgut	2R:+:49718149-49718184	exon=> In CDS Exon 2 of transcript AGAP004094-PA
JHU_Ag_50973	SLETVIEK	AGAP004094-PA	N-Term(Acetyl)	42	0.0008716	1	960.529	3.93	Malpighian tubule	2R:+:49717791-49717814	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_59441	VLGVFQFNIK	AGAP004094-PA	-	33	0.002287133	1	1164.672	-4.82	Midgut	2R:+:49717860-49717889	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_62396	VLGVFQFNIK	AGAP004094-PA	-	69	4.31E-07	1	1164.678	0.15	Head	2R:+:49717860-49717889	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_64445	TASGVEQYVIDLK	AGAP004094-PA	-	97	2.59E-09	2	1422.754	4.42	Midgut	2R:+:49717890-49717914,49718048-49718061	exon=> In CDS Exon 1 and 2 of transcript AGAP004094-PA
JHU_Ag_70456	VAAVDPNGPR	AGAP004094-PA	-	52	7.93E-05	2	995.527	-0.27	Head	2R:+:49717827-49717856	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_71776	SLETVIEK	AGAP004094-PA	N-Term(Acetyl)	36	0.003282609	1	960.526	0.88	Visceras	2R:+:49717791-49717814	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_98186	LEIQGDATLAAK	AGAP004094-PA	-	39	0.001735957	2	1229.679	3.95	Head	2R:+:49718185-49718220	exon=> In CDS Exon 2 of transcript AGAP004094-PA
JHU_Ag_114117	KVLGVFQFNIK	AGAP004094-PA	-	65	5.67E-07	1	1292.773	0.13	Midgut	2R:+:49717857-49717889	exon=> In CDS Exon 1 of transcript AGAP004094-PA
JHU_Ag_467	VLLPLHK	AGAP004096-PB	-	31	0.000164828	1	819.547	2.05	Malpighian tubule	2R:-:49733594-49733574	exon=> In CDS Exon 5 of transcript AGAP004096-PB
JHU_Ag_1552	VDCSSLEQEELFIR	AGAP004096-PB	C3(Carbamidomethyl)	108	2.40E-10	1	1724.816	0.09	Midgut	2R:-:49735240-49735378,49734928-49735087	exon=> In CDS Exon 2 and 1 of transcript AGAP004096-PB
JHU_Ag_3061	MISVNLFR	AGAP004096-PB	M1(Oxidation)	52	6.25E-05	2	995.539	5.18	Larva	2R:-:49734930-49735127,49734636-49734810	exon=> In CDS Exon 3 and 2 of transcript AGAP004096-PB
JHU_Ag_4254	VLLPLHK	AGAP004096-PB	-	29	0.000715093	2	819.545	-0.11	Head	2R:-:49733594-49733574	exon=> In CDS Exon 5 of transcript AGAP004096-PB
JHU_Ag_8512	FVLQLLELFDSEDPRER	AGAP004096-PB	-	52	8.38E-05	1	2106.099	5.77	Midgut	2R:-:49734647-49734830,49734366-49734518	exon=> In CDS Exon 4 and 3 of transcript AGAP004096-PB
JHU_Ag_17547	AALNDLSAYITHGR	AGAP004096-PB	-	97	3.24E-09	2	1501.783	4.7	Larva	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_18880	RLNELEISSR	AGAP004096-PB	-	35	0.004174558	1	1216.667	1.8	Ovary	2R:-:49732901-49732872	exon=> In CDS Exon 7 of transcript AGAP004096-PB
JHU_Ag_19713	QCCVSFDFMDPLSDLKGK	AGAP004096-PB	C2(Carbamidomethyl), C3(Carbamidomethyl), M9(Oxidation)	45	0.000306226	1	2162.953	-1.17	Malpighian tubule	2R:-:49735077-49735024	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_22025	SSGTFVDRIDPFAK	AGAP004096-PB	N-Term(Acetyl)	42	0.001012233	2	1581.795	2.54	Malpighian tubule	2R:-:49735375-49735334	exon=> In CDS Exon 1 of transcript AGAP004096-PB

JHU_Ag_22059	VDCSSLEQEELFIR	AGAP004096-PB	C3(Carbamidomethyl)	105	5.25E-10	1	1724.823	3.84	Visceras	2R:-:49735240-49735378,49734928-49735087	exon=> In CDS Exon 2 and 1 of transcript AGAP004096-PB
JHU_Ag_23835	LFDELTASYK	AGAP004096-PB	-	44	0.000400338	2	1186.603	3.37	Malpighian tubule	2R:-:49733051-49733022	exon=> In CDS Exon 6 of transcript AGAP004096-PB
JHU_Ag_24598	VDCSSLEQEELFIR	AGAP004096-PB	C3(Carbamidomethyl)	58	2.29E-05	2	1724.826	5.68	Larva	2R:-:49735240-49735378,49734928-49735087	exon=> In CDS Exon 2 and 1 of transcript AGAP004096-PB
JHU_Ag_24844	FVLQLLELFDSEDPR	AGAP004096-PB	-	110	1.30E-10	2	1820.950	3.79	Midgut	2R:-:49734647-49734830,49734366-49734524	exon=> In CDS Exon 4 and 3 of transcript AGAP004096-PB
JHU_Ag_27330	VDCSSLEQEELFIRK	AGAP004096-PB	C3(Carbamidomethyl)	44	0.00054299	1	1852.912	0.31	Midgut	2R:-:49735240-49735378,49734928-49735084	exon=> In CDS Exon 2 and 1 of transcript AGAP004096-PB
JHU_Ag_27424	GVLTENVYPEIIK	AGAP004096-PB	-	72	5.28E-07	1	1474.818	1.99	Head	2R:-:49734969-49734931	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_29776	AALNDLSAYITHGR	AGAP004096-PB	-	101	1.32E-09	1	1501.778	1.21	Ovary	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_32770	LNELEISSR	AGAP004096-PB	-	69	2.05E-06	2	1060.562	-1	Ovary	2R:-:49732898-49732872	exon=> In CDS Exon 7 of transcript AGAP004096-PB
JHU_Ag_33754	EHWNQTIVALVYNVLK	AGAP004096-PB	-	54	3.00E-05	1	1927.054	5.61	Ovary	2R:-:49733123-49733076	exon=> In CDS Exon 6 of transcript AGAP004096-PB
JHU_Ag_33826	NSQDVELQQLPPLK	AGAP004096-PB	-	79	1.35E-07	1	1608.862	1.94	Head	2R:-:49735282-49735241	exon=> In CDS Exon 1 of transcript AGAP004096-PB
JHU_Ag_37265	VLLPLHK	AGAP004096-PB	-	21	0.001770231	2	819.546	1.6	Larva	2R:-:49733594-49733574	exon=> In CDS Exon 5 of transcript AGAP004096-PB
JHU_Ag_38113	EHWNQTIVALVYNVLK	AGAP004096-PB	-	34	0.003119569	1	1927.056	6.37	Malpighian tubule	2R:-:49733123-49733076	exon=> In CDS Exon 6 of transcript AGAP004096-PB
JHU_Ag_38430	LNELEISSR	AGAP004096-PB	-	57	3.78E-05	2	1060.563	-0.31	Visceras	2R:-:49732898-49732872	exon=> In CDS Exon 7 of transcript AGAP004096-PB
JHU_Ag_41107	MISVNLFR	AGAP004096-PB	M1(Oxidation)	49	0.000122866	2	995.535	0.58	Midgut	2R:-:49734930-49735127,49734636-49734810	exon=> In CDS Exon 3 and 2 of transcript AGAP004096-PB
JHU_Ag_43552	NSQDVELQQLPPLK	AGAP004096-PB	-	42	0.000584317	2	1608.869	5.89	Larva	2R:-:49735282-49735241	exon=> In CDS Exon 1 of transcript AGAP004096-PB
JHU_Ag_44607	AALNDLSAYITHGR	AGAP004096-PB	-	95	4.91E-09	1	1501.787	7.14	Malpighian tubule	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_52311	GVLTENVYPEIIK	AGAP004096-PB	-	65	2.34E-06	2	1474.818	2.07	Visceras	2R:-:49734969-49734931	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_54830	GVLTENVYPEIIK	AGAP004096-PB	-	68	1.39E-06	1	1474.815	-0.16	Midgut	2R:-:49734969-49734931	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_55114	GVLTENVYPEIIK	AGAP004096-PB	-	57	1.54E-05	1	1474.817	1.24	Ovary	2R:-:49734969-49734931	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_59518	AALNDLSAYITHGR	AGAP004096-PB	-	56	4.71E-05	1	1501.776	0.18	Salivary gland	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_60813	VDCSSLEQEELFIR	AGAP004096-PB	C3(Carbamidomethyl)	122	9.88E-12	2	1724.822	3.2	Head	2R:-:49735240-49735378,49734928-49735087	exon=> In CDS Exon 2 and 1 of transcript AGAP004096-PB
JHU_Ag_64757	FVLQLLELFDSEDPRER	AGAP004096-PB	-	82	8.03E-08	1	2106.098	5.25	Ovary	2R:-:49734647-49734830,49734366-49734518	exon=> In CDS Exon 4 and 3 of transcript AGAP004096-PB
JHU_Ag_70191	AALNDLSAYITHGR	AGAP004096-PB	-	112	1.18E-10	2	1501.778	1.78	Head	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_74048	RLNELEISSR	AGAP004096-PB	-	61	1.24E-05	1	1216.661	-2.71	Head	2R:-:49732901-49732872	exon=> In CDS Exon 7 of transcript AGAP004096-PB

JHU_Ag_75491	LFDELTASYK	AGAP004096-PB	-	66	2.50E-06	2	1186.599	-0.12	Ovary	2R:-:49733051-49733022	exon=> In CDS Exon 6 of transcript AGAP004096-PB
JHU_Ag_77734	MISVNLFR	AGAP004096-PB	-	47	0.000155 53	2	979.539	-0.3	Ovary	2R:-:49734930-49735127,49734636-49734810	exon=> In CDS Exon 3 and 2 of transcript AGAP004096-PB
JHU_Ag_78779	MISVNLFR	AGAP004096-PB	M1(Oxidation)	42	0.000542 905	2	995.534	-0.09	Malpighian tubule	2R:-:49734930-49735127,49734636-49734810	exon=> In CDS Exon 3 and 2 of transcript AGAP004096-PB
JHU_Ag_80172	AALNDLSAYITHGR	AGAP004096-PB	-	50	0.000180 904	1	1501.780	2.74	Pupa	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_80321	DASLTEPVVR	AGAP004096-PB	-	64	4.69E-06	2	1086.582	2.7	Larva	2R:-:49733510-49733481	exon=> In CDS Exon 5 of transcript AGAP004096-PB
JHU_Ag_82120	DASLTEPVVR	AGAP004096-PB	-	59	1.57E-05	2	1086.579	-0.33	Ovary	2R:-:49733510-49733481	exon=> In CDS Exon 5 of transcript AGAP004096-PB
JHU_Ag_83196	AALNDLSAYITHGR	AGAP004096-PB	-	112	1.17E-10	2	1501.776	0.23	Midgut	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_85883	DASLTEPVVR	AGAP004096-PB	-	65	4.27E-06	2	1086.579	0.01	Head	2R:-:49733510-49733481	exon=> In CDS Exon 5 of transcript AGAP004096-PB
JHU_Ag_87343	VLSLYHAQLAYCVVQFLEK	AGAP004096-PB	C12(Carbamidomethyl)	49	9.46E-05	1	2281.210	2.32	Salivary gland	2R:-:49733567-49733511	exon=> In CDS Exon 5 of transcript AGAP004096-PB
JHU_Ag_88387	FLESADFQATFGK	AGAP004096-PB	-	78	2.58E-07	2	1460.708	1.45	Ovary	2R:-:49734704-49734666	exon=> In CDS Exon 3 of transcript AGAP004096-PB
JHU_Ag_94158	LNELEISSR	AGAP004096-PB	-	69	2.19E-06	2	1060.565	2	Malpighian tubule	2R:-:49732898-49732872	exon=> In CDS Exon 7 of transcript AGAP004096-PB
JHU_Ag_96283	GVLTENVYPEIIK	AGAP004096-PB	-	68	1.41E-06	1	1474.816	0.5	Salivary gland	2R:-:49734969-49734931	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_104937	EHWNQTIVALVYNVLK	AGAP004096-PB	-	121	6.01E-12	1	1927.043	-0.59	Midgut	2R:-:49733123-49733076	exon=> In CDS Exon 6 of transcript AGAP004096-PB
JHU_Ag_109028	AALNDLSAYITHGR	AGAP004096-PB	-	90	1.65E-08	1	1501.779	2.02	Visceras	2R:-:49735011-49734970	exon=> In CDS Exon 2 of transcript AGAP004096-PB
JHU_Ag_557	LGLYLGLTGFR	AGAP004097-PA	-	65	9.22E-07	1	1209.704	3.69	Salivary gland	2R:-:49758332-49758300	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_3519	WNPATLAEVDPAR	AGAP004097-PA	-	46	0.000387 508	2	1439.729	1.1	Visceras	2R:-:49757840-49757802	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_5847	DAGAEFVLAK	AGAP004097-PA	-	60	1.72E-05	2	1020.536	-0.28	Ovary	2R:-:49758155-49758126	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_6037	ALLIDRDQKPR	AGAP004097-PA	-	54	1.41E-05	1	1324.769	-0.3	Malpighian tubule	2R:-:49757873-49757841	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_8794	IEQFFGPLPDGDELQFEEEGPK	AGAP004097-PA	-	134	5.63E-13	1	2521.175	-0.88	Ovary	2R:-:49757801-49757736	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_10567	ALNAINLEMVR	AGAP004097-PA	M9(Oxidation)	82	8.11E-08	2	1243.682	-0.79	Midgut	2R:-:49758725-49758693	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_12413	DAGAEFVLAK	AGAP004097-PA	-	50	0.000203 447	2	1020.536	0.08	Midgut	2R:-:49758155-49758126	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_14620	ALNAINLEMVR	AGAP004097-PA	M9(Oxidation)	87	2.86E-08	2	1259.682	3.06	Malpighian tubule	2R:-:49758725-49758693	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_15229	LAVHHAIDSDFK	AGAP004097-PA	-	48	0.000222 814	2	1352.695	-0.49	Head	2R:-:49757921-49757886	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_16910	ALNAINLEMVR	AGAP004097-PA	M9(Oxidation)	77	2.84E-07	1	1259.679	1.13	Salivary gland	2R:-:49758725-49758693	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_24464	IEQFFGPLPDGDELQFEEEGPK	AGAP004097-PA	-	137	3.01E-13	1	2521.176	-0.3	Malpighian tubule	2R:-:49757801-49757736	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_26968	GVITLNRPK	AGAP004097-PA	-	42	0.000179 225	1	997.615	-0.12	Midgut	2R:-:49758752-49758726	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_29189	GVITLNRPK	AGAP004097-PA	-	46	7.80E-05	2	997.617	1.71	Malpighian tubule	2R:-:49758752-49758726	exon=> In CDS Exon 2 of transcript AGAP004097-PA

JHU_Ag_31580	LGLYLGLTGFR	AGAP004097-PA	-	87	5.85E-09	1	1209.703	2.89	Malpighian tubule	2R:-:49758332-49758300	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_35858	GVITLNRPK	AGAP004097-PA	-	32	0.001754874	1	997.614	-1.28	Pupa	2R:-:49758752-49758726	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_37445	LAVHHAIDSDFKEGVR	AGAP004097-PA	-	137	2.41E-13	1	1793.930	0.56	Malpighian tubule	2R:-:49757921-49757874	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_42594	DGSEWAQNTLK	AGAP004097-PA	-	55	4.34E-05	2	1248.588	2.29	Malpighian tubule	2R:-:49758056-49758024	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_43700	LGLYLGLTGFR	AGAP004097-PA	-	62	2.16E-06	2	1209.700	0.77	Visceras	2R:-:49758332-49758300	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_51161	RDAGAEFVLAK	AGAP004097-PA	-	44	0.000463897	2	1176.634	-2.77	Head	2R:-:49758158-49758126	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_51945	AFCAGGDVR	AGAP004097-PA	C3(Carbamidomethyl)	38	0.001410691	2	952.432	1.61	Ovary	2R:-:49758620-49758594	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_52835	AITETSNVELAR	AGAP004097-PA	-	87	3.96E-08	2	1303.685	0.15	Salivary gland	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_55422	AGVATHYVESK	AGAP004097-PA	-	69	2.51E-06	1	1161.591	0.52	Ovary	2R:-:49758275-49758243	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_57250	IEQFFGPLPDGDELQFEEEGPK	AGAP004097-PA	-	50	0.000136842	2	2521.187	3.77	Head	2R:-:49757801-49757736	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_57886	WNPATLAEVDPAR	AGAP004097-PA	-	79	1.89E-07	2	1439.734	3.98	Salivary gland	2R:-:49757840-49757802	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_58125	DAGAEFVLAK	AGAP004097-PA	-	67	3.68E-06	2	1020.539	2.53	Malpighian tubule	2R:-:49758155-49758126	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_62017	LAVHHAIDSDFK	AGAP004097-PA	-	84	5.89E-08	1	1352.698	1.49	Ovary	2R:-:49757921-49757886	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_62308	ALNAINLEMVR	AGAP004097-PA	M9(Oxidation)	76	4.68E-07	1	1259.677	-0.42	Ovary	2R:-:49758725-49758693	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_62387	LGLYLGLTGFR	AGAP004097-PA	-	67	6.21E-07	2	1209.701	1.37	Pupa	2R:-:49758332-49758300	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_67212	AITETSNVELAR	AGAP004097-PA	-	72	1.05E-06	2	1303.686	0.8	Male reproductive organs	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_69248	AGVATHYVESK	AGAP004097-PA	-	52	0.000117559	1	1161.588	-1.48	Midgut	2R:-:49758275-49758243	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_69999	DGSEWAQNTLK	AGAP004097-PA	-	54	5.45E-05	1	1248.586	0.14	Visceras	2R:-:49758056-49758024	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_70197	DGSEWAQNTLK	AGAP004097-PA	-	65	4.06E-06	1	1248.585	-0.64	Midgut	2R:-:49758056-49758024	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_71358	LAVHHAIDSDFK	AGAP004097-PA	-	79	1.55E-07	1	1352.695	-0.76	Midgut	2R:-:49757921-49757886	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_72344	NLAALEQQLLATTSGAEVESVLDRFSEK	AGAP004097-PA	-	113	4.49E-11	1	3019.564	1.94	Ovary	2R:-:49758242-49758159	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_73280	AITETSNVELAR	AGAP004097-PA	-	74	6.85E-07	2	1303.688	2.21	Visceras	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_79282	GVITLNRPK	AGAP004097-PA	-	42	0.000194009	1	997.616	0.43	Salivary gland	2R:-:49758752-49758726	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_80812	DAGAEFVLAK	AGAP004097-PA	-	75	5.82E-07	2	1020.535	-1.48	Male reproductive organs	2R:-:49758155-49758126	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_82152	AITETSNVELAR	AGAP004097-PA	-	59	2.47E-05	2	1303.685	0.05	Head	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_85318	TMFAMPETAIGLFPDVGGGYFLPR	AGAP004097-PA	M2(Oxidation), M5(Oxidation)	52	0.000112246	1	2619.253	-3.63	Ovary	2R:-:49758416-49758345	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_86223	AITETSNVELAR	AGAP004097-PA	-	73	8.77E-07	2	1303.684	-0.7	Pupa	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_88272	IEQFFGPLPDGDELQFEEEGPK	AGAP004097-PA	-	94	5.76E-09	2	2521.178	0.29	Midgut	2R:-:49757801-49757736	exon=> In CDS Exon 2 of transcript AGAP004097-PA

JHU_Ag_93483	AITETSNVELAR	AGAP004097-PA	-	78	3.20E-07	1	1303.685	-0.23	Ovary	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_98280	AITETSNVELAR	AGAP004097-PA	-	74	7.97E-07	2	1303.685	-0.51	Midgut	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_98428	NLAALEQQLLATTSGAEVESVLDR	AGAP004097-PA	-	165	2.37E-16	1	2528.319	-0.68	Ovary	2R:-:49758242-49758171	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_100437	LGLYLGLTGFR	AGAP004097-PA	-	100	3.41E-10	1	1209.701	1.57	Ovary	2R:-:49758332-49758300	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_100519	AFCAGGDVR	AGAP004097-PA	C3(Carbamidomethyl)	46	0.000225129	2	952.432	1.16	Malpighian tubule	2R:-:49758620-49758594	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_100568	LAVHHAIDSDFKEGVR	AGAP004097-PA	-	71	9.68E-07	1	1793.928	-0.78	Ovary	2R:-:49757921-49757874	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_101725	DGSEWAQNTLK	AGAP004097-PA	-	38	0.001982111	2	1248.586	-0.05	Pupa	2R:-:49758056-49758024	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_108778	MSPTSMVVTQK	AGAP004097-PA	M1(Oxidation), M6(Oxidation),M1(Oxidation)	48	0.000198576	2	1240.591	-0.41	Midgut	2R:-:49758011-49757979	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_112003	AGVATHYVESK	AGAP004097-PA	-	60	1.56E-05	1	1161.593	2.72	Head	2R:-:49758275-49758243	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_113828	LGLYLGLTGFR	AGAP004097-PA	-	76	8.22E-08	2	1209.700	0.77	Midgut	2R:-:49758332-49758300	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_113837	AITETSNVELAR	AGAP004097-PA	-	105	5.34E-10	1	1303.686	0.71	Malpighian tubule	2R:-:49758593-49758558	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_114297	SVGDKAFCAGGDVR	AGAP004097-PA	C8(Carbamidomethyl)	92	9.81E-09	1	1438.676	0.81	Malpighian tubule	2R:-:49758635-49758594	exon=> In CDS Exon 2 of transcript AGAP004097-PA
JHU_Ag_563	LLFLGLDNAGK	AGAP004098-PA	-	84	2.65E-08	2	1160.668	0.49	Ovary	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_1288	NYFALFQLTTGK	AGAP004098-PA	-	79	1.73E-07	2	1402.744	5.43	Malpighian tubule	2R:+:49756185-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_1748	IDKPGAASEEELRNYFALFQLTTGK	AGAP004098-PA	-	72	6.37E-07	1	2798.448	4.23	Malpighian tubule	2R:+:49756146-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_6748	DYFPAVDAIVFLIDAWDR	AGAP004098-PA	-	52	0.000101745	1	2126.055	-2.01	Midgut	2R:+:49756002-49756055	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_8852	IDKPGAASEEELR	AGAP004098-PA	-	88	2.21E-08	1	1414.721	2.24	Visceras	2R:+:49756146-49756184	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_9278	IDKPGAASEEELR	AGAP004098-PA	-	49	0.000179771	1	1414.718	0.17	Midgut	2R:+:49756146-49756184	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_13940	LLFLGLDNAGK	AGAP004098-PA	-	76	1.90E-07	2	1160.669	1.75	Visceras	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_16012	LLFLGLDNAGK	AGAP004098-PA	-	69	8.94E-07	1	1160.669	1.12	Malpighian tubule	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_17426	NYFALFQLTTGK	AGAP004098-PA	-	98	2.69E-09	1	1402.738	0.73	Visceras	2R:+:49756185-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_17793	IDKPGAASEEELRNYFALFQLTTGK	AGAP004098-PA	-	54	3.97E-05	1	2798.436	0.13	Ovary	2R:+:49756146-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_22539	IDKPGAASEEELRNYFALFQLTTGK	AGAP004098-PA	-	67	1.90E-06	1	2798.440	1.26	Midgut	2R:+:49756146-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_31008	NELDSLLTDEALSNCPVLILGNK	AGAP004098-PA	C15(Carbamidomethyl)	59	1.40E-05	3	2528.289	-0.8	Midgut	2R:+:49756077-49756145	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_34211	FTTFDLGGHTQAR	AGAP004098-PA	-	90	1.63E-08	1	1450.708	0.61	Salivary gland	2R:+:49755869-49755902,49755985-49755989	exon=> In CDS Exon 3 and 4 of transcript AGAP004098-PA
JHU_Ag_34577	TTLLHMLK	AGAP004098-PA	M6(Oxidation)	36	0.003924569	2	972.550	-5.12	Head	2R:+:49755699-49755722	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_35525	IDKPGAASEEELRNYFALFQLTTGK	AGAP004098-PA	-	95	3.49E-09	1	2798.436	0.13	Head	2R:+:49756146-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA

JHU_Ag_36584	LAQHVPTLHPTSEELSIGNMR	AGAP004098-PA	-	126	2.66E-12	1	2330.201	3.56	Malpighian tubule	2R:+:49755732-49755762,49755837-49755868	exon=> In CDS Exon 2 and 3 of transcript AGAP004098-PA
JHU_Ag_43712	IDKPGAASEEELR	AGAP004098-PA	-	97	2.72E-09	1	1414.716	-1.29	Head	2R:+:49756146-49756184	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_44740	NELDSLLTDEALSNCPVLILGNK	AGAP004098-PA	C15(Carbamidomethyl)	74	3.99E-07	3	2528.299	2.82	Salivary gland	2R:+:49756077-49756145	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_53534	LLFLGLDNAGK	AGAP004098-PA	-	82	4.14E-08	1	1160.663	-3.83	Midgut	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_53632	LAQHVPTLHPTSEELSIGNMR	AGAP004098-PA	M20(Oxidation),"Q3(Deamidated), M20(Oxidation)"	129	1.79E-12	1	2346.182	-2.05	Head	2R:+:49755732-49755762,49755837-49755868	exon=> In CDS Exon 2 and 3 of transcript AGAP004098-PA
JHU_Ag_54860	NELDSLLTDEALSNCPVLILGNK	AGAP004098-PA	C15(Carbamidomethyl)	95	2.82E-09	3	2528.301	3.91	Head	2R:+:49756077-49756145	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_55594	NYFALFQLTTGK	AGAP004098-PA	-	95	5.09E-09	1	1402.740	2.47	Head	2R:+:49756185-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_63581	LLFLGLDNAGK	AGAP004098-PA	-	58	9.30E-06	2	1160.670	1.85	Salivary gland	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_65250	LLFLGLDNAGK	AGAP004098-PA	-	45	0.000245578	2	1160.666	-1.3	Head	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_70130	IDKPGAASEEELR	AGAP004098-PA	-	74	5.34E-07	1	1414.718	0.32	Salivary gland	2R:+:49756146-49756184	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_74771	NYFALFQLTTGK	AGAP004098-PA	-	102	9.22E-10	2	1402.737	0.12	Midgut	2R:+:49756185-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_74915	NYFALFQLTTGK	AGAP004098-PA	-	43	0.000678989	2	1402.739	1.78	Salivary gland	2R:+:49756185-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_76849	FTESKNELDSLLTDEALSNCPVLILGNK	AGAP004098-PA	C20(Carbamidomethyl)	101	7.72E-10	1	3120.588	3.54	Visceras	2R:+:49756062-49756145	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_77591	NYFALFQLTTGK	AGAP004098-PA	-	83	7.98E-08	2	1402.736	-0.49	Male reproductive organs	2R:+:49756185-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_78030	LLFLGLDNAGK	AGAP004098-PA	N8(Deamidated)	76	1.40E-07	2	1160.670	2.49	Male reproductive organs	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_78328	LAQHVPTLHPTSEELSIGNMR	AGAP004098-PA	M20(Oxidation)	82	8.68E-08	1	2346.187	-0.02	Male reproductive organs	2R:+:49755732-49755762,49755837-49755868	exon=> In CDS Exon 2 and 3 of transcript AGAP004098-PA
JHU_Ag_80764	IDKPGAASEEELR	AGAP004098-PA	-	87	2.79E-08	1	1414.719	1.3	Male reproductive organs	2R:+:49756146-49756184	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_81154	FTTFDLGGHTQAR	AGAP004098-PA	-	73	8.41E-07	1	1450.719	7.68	Malpighian tubule	2R:+:49755869-49755902,49755985-49755989	exon=> In CDS Exon 3 and 4 of transcript AGAP004098-PA
JHU_Ag_81849	NELDSLLTDEALSNCPVLILGNK	AGAP004098-PA	C15(Carbamidomethyl)	64	4.43E-06	3	2528.300	3.33	Malpighian tubule	2R:+:49756077-49756145	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_83954	FTTFDLGGHTQAR	AGAP004098-PA	-	75	4.59E-07	2	1450.708	0.19	Midgut	2R:+:49755869-49755902,49755985-49755989	exon=> In CDS Exon 3 and 4 of transcript AGAP004098-PA
JHU_Ag_85334	LAQHVPTLHPTSEELSIGNMR	AGAP004098-PA	M20(Oxidation)	104	4.60E-10	1	2330.195	1.36	Salivary gland	2R:+:49755732-49755762,49755837-49755868	exon=> In CDS Exon 2 and 3 of transcript AGAP004098-PA
JHU_Ag_85819	SGKLLFLGLDNAGK	AGAP004098-PA	-	76	9.47E-08	2	1432.819	2.25	Malpighian tubule	2R:+:49755657-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_90791	FTTFDLGGHTQAR	AGAP004098-PA	-	88	2.43E-08	1	1450.708	0.36	Male reproductive organs	2R:+:49755869-49755902,49755985-49755989	exon=> In CDS Exon 3 and 4 of transcript AGAP004098-PA
JHU_Ag_99388	FTESKNELDSLLTDEALSNCPVLILGNK	AGAP004098-PA	C20(Carbamidomethyl)	128	1.76E-12	1	3120.578	0.25	Salivary gland	2R:+:49756062-49756145	exon=> In CDS Exon 4 of transcript AGAP004098-PA

JHU_Ag_99815	IDKPGAASEEELRNYFALFQLTTGK	AGAP004098-PA	-	69	1.28E-06	1	2798.445	3.36	Salivary gland	2R:+:49756146-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_103911	LLFLGLDNAGK	AGAP004098-PA	-	48	0.000114 95	2	1160.669	1.43	Pupa	2R:+:49755666-49755698	exon=> In CDS Exon 2 of transcript AGAP004098-PA
JHU_Ag_108879	FTESKNELDSLLTDEALSNCPVLILGNK	AGAP004098-PA	C20(Carbamidomethyl)	76	2.30E-07	1	3120.575	-0.57	Head	2R:+:49756062-49756145	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_110165	FTTFDLGGHTQAR	AGAP004098-PA	-	67	3.37E-06	1	1450.710	2.04	Visceras	2R:+:49755869-49755902,49755985-49755989	exon=> In CDS Exon 3 and 4 of transcript AGAP004098-PA
JHU_Ag_112784	IDKPGAASEEELR	AGAP004098-PA	-	50	0.000121 883	1	1414.721	2.68	Malpighian tubule	2R:+:49756146-49756184	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_116378	SELPGRPLELFMCSVLK	AGAP004098-PA	C13(Carbamidomethyl)	91	7.86E-09	1	1976.040	2.96	Malpighian tubule	2R:+:49756236-49756286	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_116660	FTTFDLGGHTQAR	AGAP004098-PA	-	79	1.91E-07	1	1450.709	1.03	Head	2R:+:49755869-49755902,49755985-49755989	exon=> In CDS Exon 3 and 4 of transcript AGAP004098-PA
JHU_Ag_116921	IDKPGAASEEELRNYFALFQLTTGK	AGAP004098-PA	-	65	3.15E-06	1	2798.440	1.44	Visceras	2R:+:49756146-49756220	exon=> In CDS Exon 4 of transcript AGAP004098-PA
JHU_Ag_2444	TAVMSAEFLNGER	AGAP004100-PA,AGAP012837-PA	M4(Oxidation), N10(Deamidated)	76	2.66E-07	2	1441.660	-2.18	Midgut	2R:-:49761819-49761781;UNKN:+:33198731-33198769	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_28069	SNSHLFLK	AGAP004100-PA,AGAP012837-PA	N-Term(Acetyl)	43	0.000673 63	1	987.527	1.27	Malpighian tubule	2R:-:49762035-49762012;UNKN:+:33198515-33198538	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_30546	HPSANVTDFPCK	AGAP004100-PA,AGAP012837-PA	C11(Carbamidomethyl)	34	0.003144 266	1	1372.631	-0.67	Midgut	2R:-:49761621-49761586;UNKN:+:33198929-33198964	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_42036	EFLEQELVDFSR	AGAP004100-PA,AGAP012837-PA	-	54	4.77E-05	2	1511.739	0.97	Ovary	2R:-:49761900-49761865;UNKN:+:33198650-33198685	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_53107	EFLEQELVDFSR	AGAP004100-PA,AGAP012837-PA	-	98	2.35E-09	2	1511.738	0	Midgut	2R:-:49761900-49761865;UNKN:+:33198650-33198685	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_91461	SNSHLFLK	AGAP004100-PA,AGAP012837-PA	N-Term(Acetyl)	54	4.89E-05	1	987.526	-0.28	Midgut	2R:-:49762035-49762012;UNKN:+:33198515-33198538	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_92075	ELSELKLEEQSATEK	AGAP004100-PA,AGAP012837-PA	-	107	3.79E-10	1	1733.878	-1.56	Midgut	2R:-:49761585-49761541;UNKN:+:33198965-33199009	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_95619	ANPGVVVYVKPR	AGAP004100-PA,AGAP012837-PA	-	91	4.35E-09	1	1298.756	-1.23	Midgut	2R:-:49761864-49761829;UNKN:+:33198686-33198721	exon=> In CDS Exon 1 of transcript AGAP004100-PA;exon=> In CDS Exon 1 of transcript AGAP012837-PA
JHU_Ag_15610	VTSIHPGMVQTDMIK	AGAP004103-PA	M8(Oxidation), M13(Oxidation)	64	6.58E-06	1	1688.834	-0.25	Head	2R:+:49767637-49767642,49767744-49767782	exon=> In CDS Exon 2 and 3 of transcript AGAP004103-PA
JHU_Ag_16072	EAYGHIVVLNSLLGK	AGAP004103-PA	-	118	7.75E-12	1	1612.909	2.29	Head	2R:+:49767475-49767519	exon=> In CDS Exon 2 of transcript AGAP004103-PA

JHU_Ag_21507	VPDVSVPVFGVYPASK	AGAP004103-PA	-	35	0.002905891	2	1660.905	6.48	Pupa	2R:+:49767523-49767570	exon=> In CDS Exon 2 of transcript AGAP004103-PA
JHU_Ag_25088	EFGGVDVLINNAGIYR	AGAP004103-PA	-	127	2.67E-12	1	1736.902	2.93	Head	2R:+:49767251-49767298	exon=> In CDS Exon 1 of transcript AGAP004103-PA
JHU_Ag_43610	RVPDVSVPVFGVYPASK	AGAP004103-PA	-	102	3.55E-10	1	1817.000	2.6	Head	2R:+:49767520-49767570	exon=> In CDS Exon 2 of transcript AGAP004103-PA
JHU_Ag_50269	RAELVTLLSTK	AGAP004103-PA	-	62	1.14E-06	1	1230.743	1.05	Head	2R:+:49767131-49767163	exon=> In CDS Exon 1 of transcript AGAP004103-PA
JHU_Ag_50331	REFGGVDVLINNAGIYR	AGAP004103-PA	-	67	2.17E-06	1	1893.000	1.37	Head	2R:+:49767248-49767298	exon=> In CDS Exon 1 of transcript AGAP004103-PA
JHU_Ag_61436	LQVTDITASIVHCLATPPEVR	AGAP004103-PA	C13(Carbamidomethyl)	119	9.87E-12	2	2320.242	3.65	Head	2R:+:49767819-49767881	exon=> In CDS Exon 3 of transcript AGAP004103-PA
JHU_Ag_66164	LQVTDITASIVHCLATPPEVR	AGAP004103-PA	C13(Carbamidomethyl)	97	1.60E-09	1	2320.247	6.14	Visceras	2R:+:49767819-49767881	exon=> In CDS Exon 3 of transcript AGAP004103-PA
JHU_Ag_71352	VPDVSVPVFGVYPASK	AGAP004103-PA	-	114	3.97E-11	1	1660.897	1.33	Head	2R:+:49767523-49767570	exon=> In CDS Exon 2 of transcript AGAP004103-PA
JHU_Ag_91815	FALVGMTEVLR	AGAP004103-PA	M6(Oxidation)	69	9.60E-07	1	1235.682	0.46	Head	2R:+:49767571-49767603	exon=> In CDS Exon 2 of transcript AGAP004103-PA
JHU_Ag_97732	YQFITQSETSDFR	AGAP004103-PA	-	108	1.82E-10	1	1621.751	0.75	Head	2R:+:49767299-49767314,49767380-49767402	exon=> In CDS Exon 1 and 2 of transcript AGAP004103-PA
JHU_Ag_102594	QELNFLK	AGAP004103-PA	-	32	0.007132675	1	891.493	-0.56	Head	2R:+:49767604-49767624	exon=> In CDS Exon 2 of transcript AGAP004103-PA
JHU_Ag_109899	EFGGVDVLINNAGIYR	AGAP004103-PA	-	54	4.76E-05	2	1736.904	4.27	Pupa	2R:+:49767251-49767298	exon=> In CDS Exon 1 of transcript AGAP004103-PA
JHU_Ag_110409	FALVGMTEVLR	AGAP004103-PA	-	40	0.000783982	2	1235.688	5.3	Pupa	2R:+:49767571-49767603	exon=> In CDS Exon 2 of transcript AGAP004103-PA
JHU_Ag_51861	TPVTEQDWVCDR	AGAP004104-PA	C10(Carbamidomethyl)	84	3.10E-08	1	1505.663	-3.72	Midgut	2R:-:49771951-49771916	exon=> In CDS Exon 2 of transcript AGAP004104-PA
JHU_Ag_3839	LTVPVEAEEAVGRK	AGAP004107-PB	-	63	4.03E-06	1	1497.832	3	Malpighian tubule	2R:-:49949854-49949813	exon=> In CDS Exon 7 of transcript AGAP004107-PB
JHU_Ag_4856	LTVPVEAEEAVGR	AGAP004107-PB	-	69	1.05E-06	1	1369.734	1.59	Malpighian tubule	2R:-:49949854-49949816	exon=> In CDS Exon 7 of transcript AGAP004107-PB
JHU_Ag_30750	ETDNRGQLGYSK	AGAP004107-PB,AGAP004107-PA	-	61	1.27E-05	1	1367.654	-0.68	Malpighian tubule	2R:-:49964031-49963996;2R:-:49964031-49963996	exon=> In CDS Exon 2 of transcript AGAP004107-PB;exon=> In CDS Exon 2 of transcript AGAP004107-PA
JHU_Ag_70906	TDKVYGLASLFNGWR	AGAP004107-PB,AGAP004107-PA	-	36	0.003658759	1	1726.898	3.96	Malpighian tubule	2R:-:49950690-49950646;2R:-:49939862-49939818	exon=> In CDS Exon 6 of transcript AGAP004107-PB;exon=> In CDS Exon 6 of transcript AGAP004107-PA
JHU_Ag_80352	TPITEYDWICDK	AGAP004107-PB,AGAP004107-PA	C10(Carbamidomethyl)	79	1.41E-07	1	1540.698	-0.86	Salivary gland	2R:-:49954325-49954290;2R:-:49943777-49943742	exon=> In CDS Exon 3 of transcript AGAP004107-PB;exon=> In CDS Exon 3 of transcript AGAP004107-PA
JHU_Ag_102795	TPITEYDWICDK	AGAP004107-PB,AGAP004107-PA	C10(Carbamidomethyl)	100	1.23E-09	1	1540.704	3.03	Malpighian tubule	2R:-:49954325-49954290;2R:-:49943777-49943742	exon=> In CDS Exon 3 of transcript AGAP004107-PB;exon=> In CDS Exon 3 of transcript AGAP004107-PA
JHU_Ag_114011	LGELFGTVIFGHLGDTLGR	AGAP004107-PB,AGAP004107-PA	-	69	8.63E-07	1	2002.088	5.93	Malpighian tubule	2R:-:49954253-49954369,49953941-49954108;2R:-:49943705-49943821,49943393-49943560	exon=> In CDS Exon 4 and 3 of transcript AGAP004107-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP004107-PA

JHU_Ag_35208	AEGEDAQLVCR	AGAP004108-PB,AGAP004108-PA	C10(Carbamidomethyl)	50	9.98E-05	1	1247.572	2.82	Larva	2R:-:50046147-50046115;2R:-:50046147-50046115	exon=> In CDS Exon 2 of transcript AGAP004108-PB;exon=> In CDS Exon 2 of transcript AGAP004108-PA
JHU_Ag_55118	AEGEDAQLVCR	AGAP004108-PB,AGAP004108-PA	C10(Carbamidomethyl)	51	8.76E-05	2	1247.568	-0.4	Head	2R:-:50046147-50046115;2R:-:50046147-50046115	exon=> In CDS Exon 2 of transcript AGAP004108-PB;exon=> In CDS Exon 2 of transcript AGAP004108-PA
JHU_Ag_67615	EYNAILPIGGQTFTGNELR	AGAP004108-PB,AGAP004108-PA	-	68	1.47E-06	2	2093.078	5.56	Larva	2R:-:50046075-50046019;2R:-:50046075-50046019	exon=> In CDS Exon 2 of transcript AGAP004108-PB;exon=> In CDS Exon 2 of transcript AGAP004108-PA
JHU_Ag_73726	HPPMLLENQHTNTLTK	AGAP004108-PB,AGAP004108-PA	M4(Oxidation)	38	0.002884284	1	1889.959	2.49	Larva	2R:-:50046195-50046148;2R:-:50046195-50046148	exon=> In CDS Exon 2 of transcript AGAP004108-PB;exon=> In CDS Exon 2 of transcript AGAP004108-PA
JHU_Ag_96642	HPPMLLENQHTNTLTK	AGAP004108-PB,AGAP004108-PA	M4(Oxidation)	47	0.00030773	1	1889.953	-0.61	Head	2R:-:50046195-50046148;2R:-:50046195-50046148	exon=> In CDS Exon 2 of transcript AGAP004108-PB;exon=> In CDS Exon 2 of transcript AGAP004108-PA
JHU_Ag_115521	REYNAILPIGGQTFTGNELR	AGAP004108-PB,AGAP004108-PA	-	80	1.16E-07	3	2249.178	4.56	Head	2R:-:50046078-50046019;2R:-:50046078-50046019	exon=> In CDS Exon 2 of transcript AGAP004108-PB;exon=> In CDS Exon 2 of transcript AGAP004108-PA
JHU_Ag_5253	ALETELSADYIR	AGAP004109-PA	-	86	3.90E-08	2	1380.704	2.13	Visceras	2R:+:50059364-50059399	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_7521	TSTQSAELDAYLVPMYDEHQSQYLMEADQR	AGAP004109-PA	M15(Oxidation), M25(Oxidation)	60	5.52E-06	1	3551.568	2.82	Head	2R:+:50059037-50059126	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_10022	SAAIWTDDRYIEQADQELNCAWR	AGAP004109-PA	C20(Carbamidomethyl)	53	4.78E-05	1	2811.288	3.05	Ovary	2R:+:50059184-50059252	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_11509	ALETELSADYIR	AGAP004109-PA	-	98	2.65E-09	1	1380.704	2.22	Head	2R:+:50059364-50059399	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_14578	LLVPGAVVFDTGASEAIHATLPR	AGAP004109-PA	-	60	3.87E-06	1	2334.290	3.47	Visceras	2R:+:50059823-50059891	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_20665	NIVFERPSPIIFLR	AGAP004109-PA	-	57	3.56E-06	2	1700.988	1.91	Ovary	2R:+:50059892-50059933	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_21120	LLVPGAVVFDTGASEAIHATLPR	AGAP004109-PA	-	41	0.000263523	1	2334.297	6.37	Malpighian tubule	2R:+:50059823-50059891	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_27792	AYLLVTHR	AGAP004109-PA	-	39	0.001025836	2	972.563	0.31	Head	2R:+:50059646-50059669	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_33967	FIAGDHITELSLAR	AGAP004109-PA	-	80	1.04E-07	1	1542.829	0.88	Head	2R:+:50060527-50060568	exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_35892	YIEQADQELNCAWR	AGAP004109-PA	C11(Carbamidomethyl)	88	1.99E-08	2	1795.810	2	Visceras	2R:+:50059211-50059252	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_40001	VGADPQLVPHHAWK	AGAP004109-PA	-	62	6.59E-06	1	1554.824	4.06	Malpighian tubule	2R:+:50059322-50059363	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_45307	DGVAMCEVLSR	AGAP004109-PA	M5(Oxidation), C6(Carbamidomethyl)	85	3.13E-08	1	1252.566	0.27	Head	2R:+:50059985-50060017	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_47552	FIAGDHITELSLAR	AGAP004109-PA	-	76	2.37E-07	1	1542.831	1.99	Visceras	2R:+:50060527-50060568	exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_54201	FIAGDHITELSLAR	AGAP004109-PA	-	55	3.15E-05	1	1542.829	0.73	Ovary	2R:+:50060527-50060568	exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_57637	NIVFERPSPIIFLR	AGAP004109-PA	-	37	0.000422702	2	1700.990	3.34	Head	2R:+:50059892-50059933	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_58759	SAAIWTDDRYIEQADQELNCAWR	AGAP004109-PA	C20(Carbamidomethyl)	103	5.69E-10	1	2811.290	3.9	Visceras	2R:+:50059184-50059252	exon=> In CDS Exon 3 of transcript AGAP004109-PA

JHU_Ag_65275	ALETELSADYIR	AGAP004109-PA	-	58	2.30E-05	2	1380.702	0.81	Ovary	2R:+:50059364-50059399	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_72908	TGERPTVAEYLLSELSPEAR	AGAP004109-PA	-	59	1.75E-05	1	2218.145	4.43	Ovary	2R:+:50059262-50059321	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_77174	NIVFERPSPIIFLR	AGAP004109-PA	-	40	0.000136813	1	1700.997	7.07	Malpighian tubule	2R:+:50059892-50059933	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_83309	TGERPTVAEYLLSELSPEAR	AGAP004109-PA	-	57	2.58E-05	1	2218.149	6.25	Malpighian tubule	2R:+:50059262-50059321	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_83923	SAAIWTDDRYIEQADQELNCAWR	AGAP004109-PA	C20(Carbamidomethyl)	42	0.000714912	3	2811.293	4.94	Head	2R:+:50059184-50059252	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_93203	TGERPTVAEYLLSELSPEAR	AGAP004109-PA	-	66	3.45E-06	1	2218.141	2.62	Visceras	2R:+:50059262-50059321	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_93611	ALETELSADYIR	AGAP004109-PA	-	107	3.18E-10	2	1380.707	4.7	Malpighian tubule	2R:+:50059364-50059399	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_100697	TGERPTVAEYLLSELSPEAR	AGAP004109-PA	-	51	9.57E-05	1	2218.139	1.54	Head	2R:+:50059262-50059321	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_101611	LLVPGAVVFDTGASEAIHATLPR	AGAP004109-PA	-	55	1.26E-05	1	2334.281	-0.37	Midgut	2R:+:50059823-50059891	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_102086	LLVPGAVVFDTGASEAIHATLPR	AGAP004109-PA	-	44	0.000140053	1	2334.292	4.25	Head	2R:+:50059823-50059891	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_103880	FIAGDHITELSLAR	AGAP004109-PA	-	40	0.001028874	1	1542.827	-0.19	Midgut	2R:+:50060527-50060568	exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_110583	NLVDMIWGGR	AGAP004109-PA	-	51	0.000139722	2	1160.592	3.59	Visceras	2R:+:50059418-50059447	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_116197	TGERPTVAEYLLSELSPEAR	AGAP004109-PA	-	45	0.000382917	1	2218.134	-0.44	Midgut	2R:+:50059262-50059321	exon=> In CDS Exon 3 of transcript AGAP004109-PA
JHU_Ag_15047	FLAFQDVTLVPFEQK	AGAP004109-PA,AGAP012802-PA	-	81	7.45E-08	2	1781.953	3	Visceras	2R:+:50061277-50061321;UNKN:+:30079356-30079400	exon=> In CDS Exon 6 of transcript AGAP004109-PA;exon=> In CDS Exon 3 of transcript AGAP012802-PA
JHU_Ag_18685	AYTNVLIGMIR	AGAP004109-PA,AGAP012802-PA	-	44	0.000369678	2	1250.692	-0.44	Ovary	2R:+:50060800-50060832;UNKN:+:30078879-30078911	exon=> In CDS Exon 4 of transcript AGAP004109-PA;exon=> In CDS Exon 1 of transcript AGAP012802-PA
JHU_Ag_21529	LENVLEVVDTGK	AGAP004109-PA,AGAP012802-PA	-	51	0.000127093	1	1315.712	0.97	Ovary	2R:+:50061220-50061255;UNKN:+:30079299-30079334	exon=> In CDS Exon 6 of transcript AGAP004109-PA;exon=> In CDS Exon 3 of transcript AGAP012802-PA
JHU_Ag_31139	AYTNVLIGMIR	AGAP004109-PA,AGAP012802-PA	-	67	1.50E-06	2	1250.696	2.78	Visceras	2R:+:50060800-50060832;UNKN:+:30078879-30078911	exon=> In CDS Exon 4 of transcript AGAP004109-PA;exon=> In CDS Exon 1 of transcript AGAP012802-PA
JHU_Ag_40066	EGYFFSNEPGYYK	AGAP004109-PA,AGAP012802-PA	-	43	0.000425958	1	1600.699	2.29	Visceras	2R:+:50061093-50061114,50061182-50061198;UNKN:+:30079172-30079193,30079261-30079277	exon=> In CDS Exon 5 and 6 of transcript AGAP004109-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP012802-PA
JHU_Ag_44459	TLHLGEPTAEQIR	AGAP004109-PA,AGAP012802-PA	-	59	1.29E-05	1	1464.783	1.41	Visceras	2R:+:50060761-50060799;UNKN:+:30078840-30078878	exon=> In CDS Exon 4 of transcript AGAP004109-PA;exon=> In CDS Exon 1 of transcript AGAP012802-PA

JHU_Ag_49618	FLAFQDVTLVPFEQK	AGAP004109-PA,AGAP012802-PA	-	69	1.27E-06	2	1781.950	1.77	Ovary	2R:+:50061277-50061321;UNKN:+:30079356-30079400	exon=> In CDS Exon 6 of transcript AGAP004109-PA;exon=> In CDS Exon 3 of transcript AGAP012802-PA
JHU_Ag_53042	EGYFFSNEPGYYK	AGAP004109-PA,AGAP012802-PA	-	45	0.000238831	1	1600.695	-0.61	Ovary	2R:+:50061093-50061114,50061182-50061198;UNKN:+:30079172-30079193,30079261-30079277	exon=> In CDS Exon 5 and 6 of transcript AGAP004109-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP012802-PA
JHU_Ag_75523	LSMLTFPENLKPAELDALAR	AGAP004109-PA,AGAP012802-PA	M3(Oxidation)	42	0.000474965	1	2245.195	2.28	Ovary	2R:+:50060833-50060892;UNKN:+:30078912-30078971	exon=> In CDS Exon 4 of transcript AGAP004109-PA;exon=> In CDS Exon 1 of transcript AGAP012802-PA
JHU_Ag_83971	LENVLEVVDTGK	AGAP004109-PA,AGAP012802-PA	-	95	5.11E-09	1	1315.714	2.55	Visceras	2R:+:50061220-50061255;UNKN:+:30079299-30079334	exon=> In CDS Exon 6 of transcript AGAP004109-PA;exon=> In CDS Exon 3 of transcript AGAP012802-PA
JHU_Ag_102208	LSMLTFPENLKPAELDALAR	AGAP004109-PA,AGAP012802-PA	M3(Oxidation)	71	6.10E-07	1	2245.199	3.99	Visceras	2R:+:50060833-50060892;UNKN:+:30078912-30078971	exon=> In CDS Exon 4 of transcript AGAP004109-PA;exon=> In CDS Exon 1 of transcript AGAP012802-PA
JHU_Ag_3887	APENPLNQIR	AGAP004110-PA	-	77	2.42E-07	2	1151.617	0.06	Ovary	2R:+:50064369-50064398	exon=> In CDS Exon 2 of transcript AGAP004110-PA
JHU_Ag_21419	APENPLNQIRV	AGAP004110-PA	-	56	2.09E-05	1	1250.687	1.66	Ovary	2R:+:50064369-50064401	exon=> In CDS Exon 2 of transcript AGAP004110-PA
JHU_Ag_21520	VMADTEVAQTIDQAIAVLSVGDPSADRHPEK	AGAP004110-PA	M2(Oxidation)	162	7.14E-16	1	3279.625	2.54	Ovary	2R:+:50064159-50064251	exon=> In CDS Exon 2 of transcript AGAP004110-PA
JHU_Ag_34257	VMADTEVAQTIDQAIAVLSVGDPSADR	AGAP004110-PA	M2(Oxidation)	86	3.55E-08	1	2788.363	-1.46	Ovary	2R:+:50064159-50064239	exon=> In CDS Exon 2 of transcript AGAP004110-PA
JHU_Ag_36266	LKLENPSLK	AGAP004110-PA	-	67	1.34E-06	1	1041.629	-1.31	Ovary	2R:+:50064300-50064326	exon=> In CDS Exon 2 of transcript AGAP004110-PA
JHU_Ag_38362	AAEDAYWADDDKQLAK	AGAP004110-PA	-	39	0.001380343	1	1809.825	-2.32	Male reproductive organs	2R:+:50063780-50063827	exon=> In CDS Exon 1 of transcript AGAP004110-PA
JHU_Ag_97709	ALLEQEMNSIK	AGAP004110-PA	M7(Oxidation)	91	1.21E-08	1	1291.658	1.42	Ovary	2R:+:50063973-50064005	exon=> In CDS Exon 2 of transcript AGAP004110-PA
JHU_Ag_23252	LPLDLSLLSEAER	AGAP004113-PA	-	95	3.02E-09	1	1455.807	0.96	Head	2R:-:50162548-50162510	exon=> In CDS Exon 2 of transcript AGAP004113-PA
JHU_Ag_51086	IIKLPLDLSLLSEAER	AGAP004113-PA	-	40	0.000133632	3	1810.075	3.57	Malpighian tubule	2R:-:50162621-50162807,50162402-50162510	exon=> In CDS Exon 2 and 1 of transcript AGAP004113-PA
JHU_Ag_74670	LPLDLSLLSEAER	AGAP004113-PA	-	109	1.13E-10	1	1455.804	-0.63	Ovary	2R:-:50162548-50162510	exon=> In CDS Exon 2 of transcript AGAP004113-PA
JHU_Ag_82568	TTINEQQLR	AGAP004114-PA	N4(Deamidated)	37	0.003456208	2	1103.565	-4.12	Head	2R:+:50167089-50167115	exon=> In CDS Exon 2 of transcript AGAP004114-PA
JHU_Ag_4265	RLEAGLNDPPFVPDPHAVYAK	AGAP004117-PA	-	76	2.87E-07	1	2306.190	-1.45	Head	2R:+:50234030-50234071,50234172-50234192	exon=> In CDS Exon 10 and 11 of transcript AGAP004117-PA
JHU_Ag_5068	ISDLGLAVEIPEGEMVR	AGAP004117-PA	M15(Oxidation)	52	8.08E-05	2	1843.954	3.89	Head	2R:+:50233551-50233601	exon=> In CDS Exon 9 of transcript AGAP004117-PA
JHU_Ag_30852	DCKPENILLDDHGHVR	AGAP004117-PA	C2(Carbamidomethyl)	53	9.10E-05	1	1917.919	-2.25	Head	2R:+:50233503-50233550	exon=> In CDS Exon 9 of transcript AGAP004117-PA
JHU_Ag_47274	ISDLGLAVEIPEGEMVR	AGAP004117-PA	M15(Oxidation)	49	0.000156641	1	1843.961	7.33	Malpighian tubule	2R:+:50233551-50233601	exon=> In CDS Exon 9 of transcript AGAP004117-PA

JHU_Ag_97402	LNPFFNSINWK	AGAP004117-PA	-	51	0.000107858	2	1379.713	1.62	Head	2R:+:50233997-50234029	exon=> In CDS Exon 10 of transcript AGAP004117-PA
JHU_Ag_11269	SHLADLDEGELFMELIR	AGAP004119-PA	M13(Oxidation)	51	0.000129861	1	2003.975	0.07	Head	2R:+:50284096-50284146	exon=> In CDS Exon 2 of transcript AGAP004119-PA
JHU_Ag_63635	ILVNVGLLTHADR	AGAP004119-PA	-	33	0.000781844	3	1420.828	0.42	Head	2R:+:50284189-50284227	exon=> In CDS Exon 2 of transcript AGAP004119-PA
JHU_Ag_75810	SLAQEGYEFVGESR	AGAP004125-PA	-	62	7.80E-06	2	1571.738	2.8	Salivary gland	2R:+:50398976-50399017	exon=> In CDS Exon 2 of transcript AGAP004125-PA
JHU_Ag_15162	GGGGGFGGAGGGGFGGGK	AGAP004128-PA	-	70	1.20E-06	2	1310.589	1.1	Pupa	2R:+:50449218-50449271	exon=> In CDS Exon 2 of transcript AGAP004128-PA
JHU_Ag_116958	RPEHDYQDPYDGA	AGAP004132-PA	Q7(Deamidated)	27	0.004809145	1	1563.649	9.21	Visceras	2R:+:50585897-50585935	exon=> In CDS Exon 5 of transcript AGAP004132-PA
JHU_Ag_25174	QLRDENLSVLLDHYYK	AGAP004133-PA	-	34	0.004955535	1	2006.039	2.42	Malpighian tubule	2R:-:50588895-50588848	exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_4879	LWALDAGVSR	AGAP004135-PA	-	55	5.76E-05	2	1087.589	-0.57	Pupa	2R:-:50618042-50618013	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_5344	GGTIFYAPLSETAVASWNPR	AGAP004135-PA	-	121	1.38E-11	2	2137.071	-0.13	Pupa	2R:-:50617408-50617349	exon=> In CDS Exon 2 of transcript AGAP004135-PA
JHU_Ag_15770	SLEDFEVTCPPK	AGAP004135-PA	C9(Carbamidomethyl)	91	9.55E-09	2	1421.662	0.1	Pupa	2R:-:50618012-50617977	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_16997	IFIATPR	AGAP004135-PA	-	41	0.000337589	2	817.492	-1.72	Pupa	2R:-:50618240-50618220	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_28282	ILVYDLHTDQVVR	AGAP004135-PA	-	98	1.62E-09	1	1570.861	1.47	Pupa	2R:-:50617976-50617938	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_35691	LFSGVPATVSSIPR	AGAP004135-PA	-	31	0.005851965	2	1430.804	2.44	Head	2R:-:50618219-50618178	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_50146	GTNGDSPVLQAYPDWTHHR	AGAP004135-PA	N3(Deamidated)	87	2.73E-08	1	2151.982	-1.1	Pupa	2R:-:50618177-50618121	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_57410	EFYNPENVVATGLEVGYDR	AGAP004135-PA	-	92	8.89E-09	1	2172.027	1.12	Pupa	2R:-:50618297-50618241	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_69045	LFSGVPATVSSIPR	AGAP004135-PA	-	65	2.46E-06	1	1430.802	1.08	Pupa	2R:-:50618219-50618178	exon=> In CDS Exon 1 of transcript AGAP004135-PA
JHU_Ag_26706	IGLFFWPK	AGAP004136-PA	-	48	8.21E-05	1	1007.573	1.62	Salivary gland	2R:-:50650186-50650163	exon=> In CDS Exon 5 of transcript AGAP004136-PA
JHU_Ag_95831	VILLDNTDLPVDLTK	AGAP004136-PA	-	60	3.79E-06	2	1668.944	1.26	Head	2R:-:50667089-50667200,50650875-50651020	exon=> In CDS Exon 2 and 1 of transcript AGAP004136-PA
JHU_Ag_112956	GLTPAQAETSFLNK	AGAP004136-PA	-	47	0.000291315	2	1476.771	1.31	Salivary gland	2R:-:50650426-50650385	exon=> In CDS Exon 4 of transcript AGAP004136-PA
JHU_Ag_25148	QIFTDGGVAHVEMLFR	AGAP004138-PA	M13(Oxidation)	59	2.16E-05	1	1835.911	0.2	Ovary	2R:-:50676655-50676608	exon=> In CDS Exon 2 of transcript AGAP004138-PA
JHU_Ag_99	VNLGVGAYR	AGAP004142-PA	-	46	0.000261263	2	948.527	0.95	Salivary gland	2R:+:50702185-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_1442	LFPFFDSAYQGFASGDPNK	AGAP004142-PA	-	156	3.80E-15	1	2107.978	0.72	Ovary	2R:+:50703214-50703270	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_2447	LGAEFLAR	AGAP004142-PA	-	35	0.003326886	2	876.492	-2.17	Ovary	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_3275	ISMCGLNESNVAYVAK	AGAP004142-PA	M3(Oxidation), C4(Carbamidomethyl)	61	9.26E-06	1	1771.833	-1.6	Ovary	2R:+:50703862-50703909	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_3759	TNEGKPWILPVVK	AGAP004142-PA	-	54	1.00E-05	1	1480.853	0.66	Ovary	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_4369	LGAEFLAR	AGAP004142-PA	-	62	8.19E-06	2	876.491	-3.14	Head	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_4742	VFLYAGFTEPR	AGAP004142-PA	-	58	1.80E-05	1	1299.673	0.1	Midgut	2R:+:50703001-50703033	exon=> In CDS Exon 2 of transcript AGAP004142-PA

JHU_Ag_5250	TPGTWEHITNQIGMFSYTGLNEK	AGAP004142-PA	M14(Oxidation)	100	1.52E-09	1	2640.239	-0.47	Midgut	2R:+:50703675-50703738,50703803-50703807	exon=> In CDS Exon 3 and 4 of transcript AGAP004142-PA
JHU_Ag_5501	GMYSNPPAFGSR	AGAP004142-PA	M2(Oxidation)	77	1.53E-07	2	1299.577	-1.63	Ovary	2R:+:50703516-50703551	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_6901	QIADVCEK	AGAP004142-PA	C6(Carbamidomethyl)	36	0.003075046	1	962.463	1.48	Malpighian tubule	2R:+:50703184-50703207	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_6945	GFELFCAQSFAK	AGAP004142-PA	C6(Carbamidomethyl)	67	3.04E-06	2	1404.665	2.23	Head	2R:+:50703304-50703339	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_7840	NFGLYNER	AGAP004142-PA	-	35	0.002971258	1	1012.484	-0.7	Ovary	2R:+:50703340-50703355,50703430-50703437	exon=> In CDS Exon 2 and 3 of transcript AGAP004142-PA
JHU_Ag_8274	TYRYWHQETR	AGAP004142-PA	-	51	0.000122543	2	1439.681	-0.03	Malpighian tubule	2R:+:50703034-50703063	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_10987	EFSIYLLK	AGAP004142-PA	-	37	0.00117637	2	1012.572	0.49	Pupa	2R:+:50703829-50703852	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_11340	IGNLTVVQK	AGAP004142-PA	-	57	1.64E-05	2	971.587	-1.41	Pupa	2R:+:50703438-50703464	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_12207	VNLGVGAYR	AGAP004142-PA	-	49	0.00016106	1	948.525	-1.3	Head	2R:+:50702185-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_13103	EASTSAAVASQITLLVR	AGAP004142-PA	-	104	2.47E-10	2	1716.949	-0.27	Midgut	2R:+:50703465-50703515	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_13589	EFSIYLLK	AGAP004142-PA	-	40	0.000762052	2	1012.575	3.62	Malpighian tubule	2R:+:50703829-50703852	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_14493	TNEGKPWILPVVK	AGAP004142-PA	-	78	3.29E-08	1	1480.857	3.33	Male reproductive organs	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_14762	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	88	2.64E-08	1	1436.735	2.09	Salivary gland	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_15258	VNLGVGAYR	AGAP004142-PA	-	63	5.77E-06	2	948.525	-0.85	Male reproductive organs	2R:+:50702185-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_16472	ISMCGLNESNVAYVAK	AGAP004142-PA	M3(Oxidation), C4(Carbamidomethyl)	128	2.29E-12	1	1771.835	-0.02	Male reproductive organs	2R:+:50703862-50703909	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_18478	AIHAAVTRE	AGAP004142-PA	-	41	0.000739633	2	967.531	-1.55	Head	2R:+:50703910-50703936	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_19061	TVFYYSDPTWENHHK	AGAP004142-PA	-	40	0.001020291	1	1923.867	0.6	Head	2R:+:50702956-50703000	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_21145	TNEGKPWILPVVK	AGAP004142-PA	-	42	0.000127768	2	1480.854	1.1	Salivary gland	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_21706	KALYDELVALK	AGAP004142-PA	-	62	2.23E-06	1	1262.738	1.85	Malpighian tubule	2R:+:50703642-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_24700	LGAEFLAR	AGAP004142-PA	-	66	2.46E-06	1	876.494	-0.29	Midgut	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_26287	AIHAAVTRE	AGAP004142-PA	-	69	1.21E-06	1	967.535	3.25	Larva	2R:+:50703910-50703936	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_26590	NFGLYNER	AGAP004142-PA	-	36	0.002495894	1	1012.485	0.16	Midgut	2R:+:50703340-50703355,50703430-50703437	exon=> In CDS Exon 2 and 3 of transcript AGAP004142-PA
JHU_Ag_27923	ISMCGLNESNVAYVAK	AGAP004142-PA	C4(Carbamidomethyl),"M3(Oxidation), C4(Carbamidomethyl)"	100	1.33E-09	1	1771.836	0.6	Head	2R:+:50703862-50703909	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_29741	VNLGVGAYR	AGAP004142-PA	-	56	2.71E-05	2	948.526	-0.33	Visceras	2R:+:50702185-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA

JHU_Ag_30121	AFGVQCLSGTGALRLGAEFLAR	AGAP004142-PA	C6(Carbamidomethyl)	130	9.76E-13	1	2294.217	3.98	Malpighian tubule	2R:+:50702878-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_32358	RAFGVQCLSGTGALR	AGAP004142-PA	C7(Carbamidomethyl)	79	1.65E-07	2	1592.832	-0.67	Midgut	2R:+:50702875-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_32397	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	89	2.22E-08	1	1436.734	1.67	Malpighian tubule	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_32420	RAFGVQCLSGTGALR	AGAP004142-PA	C7(Carbamidomethyl)	56	3.05E-05	2	1592.831	-0.75	Head	2R:+:50702875-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_32882	VNLGVGAYR	AGAP004142-PA	-	48	0.000157 53	1	948.526	-0.53	Pupa	2R:+:50702185-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_33924	YWHQETR	AGAP004142-PA	-	33	0.005256 514	1	1019.468	-1.64	Malpighian tubule	2R:+:50703043-50703063	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_34221	TNEGKPWILPVVK	AGAP004142-PA	-	96	6.62E-10	1	1480.852	0.03	Midgut	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_35240	LFPFFDSAYQGFASGDPNK	AGAP004142-PA	-	130	1.58E-12	1	2107.984	3.85	Head	2R:+:50703214-50703270	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_37414	ALYDELVALK	AGAP004142-PA	-	42	0.000581 328	2	1134.639	-1.51	Head	2R:+:50703645-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_37641	AIHAAVTR	AGAP004142-PA	-	41	0.000367 448	2	838.489	-0.33	Midgut	2R:+:50703910-50703933	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_37893	AIHAAVTR	AGAP004142-PA	-	47	9.00E-05	1	838.490	0.56	Head	2R:+:50703910-50703933	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_38823	GFELFCAQSFAK	AGAP004142-PA	C6(Carbamidomethyl)	101	1.25E-09	2	1404.667	3.88	Visceras	2R:+:50703304-50703339	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_40791	TNEGKPWILPVVK	AGAP004142-PA	-	31	0.001612 214	2	1480.856	2.42	Larva	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_41151	SIFASVELGPPVEVFALNK	AGAP004142-PA	N-Term(Acetyl)	52	4.49E-05	1	2059.113	0.71	Pupa	2R:+:50702098-50702154	exon=> In CDS Exon 1 of transcript AGAP004142-PA
JHU_Ag_41581	LFPFFDSAYQGFASGDPNKDAFAVR	AGAP004142-PA	-	87	2.80E-08	1	2767.325	3.51	Malpighian tubule	2R:+:50703214-50703288	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_42281	ACNDDPNPNKVNLGVGAYR	AGAP004142-PA	C2(Carbamidomethyl)	141	1.39E-13	1	2073.980	1.5	Malpighian tubule	2R:+:50702155-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_42824	LGAEFLAR	AGAP004142-PA	-	71	8.40E-07	2	876.492	-2.31	Pupa	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_43253	KALYDELVALK	AGAP004142-PA	-	52	2.16E-05	1	1262.737	0.98	Ovary	2R:+:50703642-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_44114	TVFYYSDPTWENHHK	AGAP004142-PA	-	48	0.000172 077	1	1923.867	0.47	Malpighian tubule	2R:+:50702956-50703000	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_44196	AIHAAVTRE	AGAP004142-PA	-	56	2.46E-05	1	967.533	1.42	Visceras	2R:+:50703910-50703936	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_44792	GFELFCAQSFAK	AGAP004142-PA	C6(Carbamidomethyl)	69	1.81E-06	2	1404.661	-0.55	Ovary	2R:+:50703304-50703339	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_46297	ALYDELVALK	AGAP004142-PA	-	74	3.62E-07	1	1134.642	0.97	Ovary	2R:+:50703645-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_47253	TPGTWEHITNQIGMFSYTGLNEK	AGAP004142-PA	M14(Oxidation)	66	4.08E-06	1	2640.246	2.17	Pupa	2R:+:50703675-50703738,50703803-50703807	exon=> In CDS Exon 3 and 4 of transcript AGAP004142-PA
JHU_Ag_48339	ACNDDPNPNKVNLGVGAYR	AGAP004142-PA	C2(Carbamidomethyl)	121	1.21E-11	1	2073.975	-0.86	Head	2R:+:50702155-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_50390	SIFASVELGPPVEVFALNK	AGAP004142-PA	N-Term(Acetyl)	95	2.12E-09	2	2059.112	0.6	Midgut	2R:+:50702098-50702154	exon=> In CDS Exon 1 of transcript AGAP004142-PA
JHU_Ag_50772	YWHQETR	AGAP004142-PA	-	44	0.000491 154	1	1019.469	0.04	Midgut	2R:+:50703043-50703063	exon=> In CDS Exon 2 of transcript AGAP004142-PA

JHU_Ag_51429	IGNLTVVQK	AGAP004142-PA	-	61	5.68E-06	2	971.588	-0.34	Ovary	2R:+:50703438-50703464	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_52947	TNEGKPWILPVVKK	AGAP004142-PA	-	32	0.001000 21	1	1608.946	-0.51	Malpighian tubule	2R:+:50702704-50702745	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_54524	ALYDELVALK	AGAP004142-PA	-	75	3.14E-07	1	1134.642	0.97	Pupa	2R:+:50703645-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_57696	GFELFCAQSFAK	AGAP004142-PA	C6(Carbamidomethyl)	111	1.11E-10	2	1404.661	-0.29	Midgut	2R:+:50703304-50703339	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_57749	ACNDDPNPNKVNLGVGAYR	AGAP004142-PA	C2(Carbamidomethyl)	113	8.36E-11	1	2073.979	0.73	Visceras	2R:+:50702155-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_58565	LFPFFDSAYQGFASGDPNKDAFAVR	AGAP004142-PA	-	87	2.79E-08	1	2767.318	0.93	Midgut	2R:+:50703214-50703288	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_61439	TVFYYSDPTWENHHK	AGAP004142-PA	-	42	0.000668 344	1	1923.864	-1.15	Visceras	2R:+:50702956-50703000	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_61487	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	99	1.70E-09	1	1436.734	2.01	Male reproductive organs	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_62151	LFPFFDSAYQGFASGDPNK	AGAP004142-PA	-	40	0.001372 026	2	2107.976	0.14	Pupa	2R:+:50703214-50703270	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_62867	TNEGKPWILPVVK	AGAP004142-PA	-	60	2.93E-06	2	1480.848	-2.69	Head	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_65939	SIFASVELGPPVEVFALNK	AGAP004142-PA	N-Term(Acetyl)	87	1.60E-08	1	2059.111	-0.12	Ovary	2R:+:50702098-50702154	exon=> In CDS Exon 1 of transcript AGAP004142-PA
JHU_Ag_68163	KALYDELVALK	AGAP004142-PA	-	83	1.84E-08	2	1262.735	-0.29	Pupa	2R:+:50703642-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_70716	GFELFCAQSFAK	AGAP004142-PA	C6(Carbamidomethyl)	81	1.04E-07	1	1404.665	2.23	Malpighian tubule	2R:+:50703304-50703339	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_71144	IGNLTVVQK	AGAP004142-PA	-	46	0.000197 465	1	971.587	-1.91	Male reproductive organs	2R:+:50703438-50703464	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_71457	KALYDELVALK	AGAP004142-PA	-	51	3.18E-05	1	1262.737	0.84	Male reproductive organs	2R:+:50703642-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_73395	IITMRK	AGAP004142-PA	-	31	0.002940 729	1	761.470	-0.15	Malpighian tubule	2R:+:50703627-50703644	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_73798	VLNDTELR	AGAP004142-PA	-	49	0.000284 323	2	959.515	-0.33	Head	2R:+:50703564-50703587	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_74308	LFPFFDSAYQGFASGDPNK	AGAP004142-PA	-	140	1.62E-13	1	2107.986	4.54	Midgut	2R:+:50703214-50703270	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_74822	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	99	1.85E-09	1	1436.731	-0.62	Pupa	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_75353	GFELFCAQSFAK	AGAP004142-PA	C6(Carbamidomethyl)	75	4.44E-07	1	1404.663	0.58	Male reproductive organs	2R:+:50703304-50703339	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_77563	VNLGVGAYR	AGAP004142-PA	-	41	0.000792 735	2	948.530	4.04	Midgut	2R:+:50702185-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_77740	TNEGKPWILPVVK	AGAP004142-PA	-	65	7.82E-07	1	1480.853	0.41	Visceras	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_78855	TVFYYSDPTWENHHK	AGAP004142-PA	-	70	1.08E-06	1	1923.868	1.24	Ovary	2R:+:50702956-50703000	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_80022	LGAEFLAR	AGAP004142-PA	-	64	4.10E-06	2	876.494	0.55	Visceras	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_80149	TPGTWEHITNQIGMFSYTGLNEK	AGAP004142-PA	M14(Oxidation)	122	9.18E-12	1	2640.243	1.27	Head	2R:+:50703675-50703738,50703803-50703807	exon=> In CDS Exon 3 and 4 of transcript AGAP004142-PA
JHU_Ag_83875	EASTSAAVASQITLLVR	AGAP004142-PA	-	57	1.15E-05	2	1716.950	0.8	Head	2R:+:50703465-50703515	exon=> In CDS Exon 3 of transcript AGAP004142-PA

JHU_Ag_84879	GMYSNPPAFGSR	AGAP004142-PA	M2(Oxidation)	49	0.000109015	2	1299.578	-0.79	Male reproductive organs	2R:+:50703516-50703551	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_85100	KALYDELVALK	AGAP004142-PA	-	85	1.32E-08	2	1262.735	-0.19	Midgut	2R:+:50703642-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_85291	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	59	1.90E-05	2	1436.738	4.22	Larva	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_86262	LFPFFDSAYQGFASGDPNKDAFAVR	AGAP004142-PA	-	65	5.02E-06	1	2767.310	-1.85	Ovary	2R:+:50703214-50703288	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_88105	ALYDELVALK	AGAP004142-PA	-	68	1.38E-06	2	1134.641	0.64	Midgut	2R:+:50703645-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_88406	ALYDELVALK	AGAP004142-PA	-	56	2.21E-05	1	1134.641	0	Male reproductive organs	2R:+:50703645-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_89003	AIHAAVTRE	AGAP004142-PA	-	73	4.35E-07	1	967.533	0.98	Malpighian tubule	2R:+:50703910-50703936	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_89839	GMYSNPPAFGSR	AGAP004142-PA	M2(Oxidation)	49	0.000133547	1	1283.583	-0.29	Head	2R:+:50703516-50703551	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_90068	TVFYYSDPTWENHHK	AGAP004142-PA	-	67	2.14E-06	1	1923.862	-1.87	Pupa	2R:+:50702956-50703000	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_90160	IGNLTVVQK	AGAP004142-PA	-	60	8.58E-06	2	971.587	-1.09	Midgut	2R:+:50703438-50703464	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_90207	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	94	6.06E-09	2	1436.733	1.08	Visceras	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_90372	IGNLTVVQK	AGAP004142-PA	-	62	4.87E-06	2	971.588	-0.15	Visceras	2R:+:50703438-50703464	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_91076	VLNDTELR	AGAP004142-PA	-	51	0.000172437	1	959.516	0.83	Pupa	2R:+:50703564-50703587	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_91552	ALYDELVALK	AGAP004142-PA	-	59	8.08E-06	2	1134.645	3.76	Larva	2R:+:50703645-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_91696	IGNLTVVQK	AGAP004142-PA	-	69	9.94E-07	1	971.589	0.67	Malpighian tubule	2R:+:50703438-50703464	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_92235	ISMCGLNESNVAYVAK	AGAP004142-PA	C4(Carbamidomethyl),"M3(Oxidation), C4(Carbamidomethyl)"	118	2.32E-11	1	1755.846	3.2	Malpighian tubule	2R:+:50703862-50703909	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_92552	LFPFFDSAYQGFASGDPNK	AGAP004142-PA	-	87	3.03E-08	1	2107.982	3.04	Larva	2R:+:50703214-50703270	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_92810	EFSIYLLK	AGAP004142-PA	-	32	0.003728584	2	1012.572	0.13	Midgut	2R:+:50703829-50703852	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_92820	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	114	7.03E-11	1	1436.732	0.48	Head	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_93335	TVFYYSDPTWENHHK	AGAP004142-PA	-	74	4.43E-07	1	1923.866	-0.09	Midgut	2R:+:50702956-50703000	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_94707	LFPFFDSAYQGFASGDPNKDAFAVR	AGAP004142-PA	-	99	1.88E-09	1	2767.340	9.06	Larva	2R:+:50703214-50703288	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_94780	ALYDELVALK	AGAP004142-PA	-	45	0.00025837	2	1134.641	0.21	Malpighian tubule	2R:+:50703645-50703674	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_95584	ACNDDPNPNKVNLGVGAYR	AGAP004142-PA	C2(Carbamidomethyl)	113	7.83E-11	1	2073.976	-0.59	Male reproductive organs	2R:+:50702155-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_95958	VNLGVGAYR	AGAP004142-PA	-	43	0.000499301	2	948.525	-0.78	Ovary	2R:+:50702185-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_96520	LFPFFDSAYQGFASGDPNKDAFAVR	AGAP004142-PA	-	81	1.27E-07	1	2767.325	3.7	Head	2R:+:50703214-50703288	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_96658	IGNLTVVQK	AGAP004142-PA	-	56	1.97E-05	2	971.587	-1.53	Head	2R:+:50703438-50703464	exon=> In CDS Exon 3 of transcript AGAP004142-PA

JHU_Ag_96835	VLNDTELR	AGAP004142-PA	-	47	0.000438397	2	959.514	-1.6	Midgut	2R:+:50703564-50703587	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_97951	NFGLYNER	AGAP004142-PA	-	35	0.002832226	1	1012.486	1.35	Malpighian tubule	2R:+:50703340-50703355,50703430-50703437	exon=> In CDS Exon 2 and 3 of transcript AGAP004142-PA
JHU_Ag_97956	AIHAAVTRE	AGAP004142-PA	-	64	3.71E-06	1	967.531	-0.85	Midgut	2R:+:50703910-50703936	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_98108	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	117	3.08E-11	1	1436.731	-0.37	Midgut	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_98854	GMYSNPPAFGSR	AGAP004142-PA	M2(Oxidation)	75	2.58E-07	2	1299.578	-0.5	Midgut	2R:+:50703516-50703551	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_99900	LFPFFDSAYQGFASGDPNKDAFAVR	AGAP004142-PA	-	75	4.36E-07	1	2767.322	2.32	Salivary gland	2R:+:50703214-50703288	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_100990	TNEGKPWILPVVK	AGAP004142-PA	-	91	1.61E-09	1	1480.853	0.36	Pupa	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_102765	ISMCGLNESNVAYVAK	AGAP004142-PA	C4(Carbamidomethyl),"M3(Oxidation), C4(Carbamidomethyl)"	125	4.66E-12	1	1755.844	2.16	Salivary gland	2R:+:50703862-50703909	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_104378	ACNDDPNPNKVNLGVGAYR	AGAP004142-PA	C2(Carbamidomethyl)	122	1.03E-11	1	2073.975	-0.95	Midgut	2R:+:50702155-50702203,50702696-50702703	exon=> In CDS Exon 1 and 2 of transcript AGAP004142-PA
JHU_Ag_105080	TNEGKPWILPVVK	AGAP004142-PA	-	92	1.44E-09	1	1480.856	2.58	Malpighian tubule	2R:+:50702704-50702742	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_106145	LGAEFLAR	AGAP004142-PA	-	68	1.73E-06	2	876.494	0.62	Male reproductive organs	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_107012	AFGVQCLSGTGALR	AGAP004142-PA	C6(Carbamidomethyl)	110	1.51E-10	1	1436.732	0.06	Ovary	2R:+:50702878-50702919	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_107551	LFPFFDSAYQGFASGDPNKDAFAVR	AGAP004142-PA	-	93	6.89E-09	1	2767.329	5.03	Visceras	2R:+:50703214-50703288	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_110944	ISMCGLNESNVAYVAK	AGAP004142-PA	C4(Carbamidomethyl)	69	1.96E-06	2	1755.830	-6.04	Midgut	2R:+:50703862-50703909	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_111304	LFPFFDSAYQGFASGDPNK	AGAP004142-PA	-	120	1.34E-11	1	2107.986	4.54	Malpighian tubule	2R:+:50703214-50703270	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_111598	AIHAAVTRE	AGAP004142-PA	-	32	0.00516206	1	967.533	0.66	Pupa	2R:+:50703910-50703936	exon=> In CDS Exon 4 of transcript AGAP004142-PA
JHU_Ag_115277	GMYSNPPAFGSR	AGAP004142-PA	M2(Oxidation)	45	0.00021377	2	1299.576	-2.01	Pupa	2R:+:50703516-50703551	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_115415	LGAEFLAR	AGAP004142-PA	-	53	5.33E-05	2	876.494	-0.15	Malpighian tubule	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_116441	LGAEFLAR	AGAP004142-PA	-	61	8.01E-06	2	876.497	4.1	Salivary gland	2R:+:50702920-50702943	exon=> In CDS Exon 2 of transcript AGAP004142-PA
JHU_Ag_116705	GMYSNPPAFGSR	AGAP004142-PA	-	51	8.29E-05	1	1283.585	1.14	Malpighian tubule	2R:+:50703516-50703551	exon=> In CDS Exon 3 of transcript AGAP004142-PA
JHU_Ag_57648	NVLQIFIFRPK	AGAP004144-PA	-	41	0.000128852	2	1374.829	2.61	Malpighian tubule	2R:-:50722304-50722272	exon=> In CDS Exon 7 of transcript AGAP004144-PA
JHU_Ag_100926	MPTFLRYLLDIAR	AGAP004144-PA	M1(Oxidation)	43	0.000339104	1	1624.896	5.03	Head	2R:-:50728267-50728229	exon=> In CDS Exon 5 of transcript AGAP004144-PA
JHU_Ag_51253	ALSHLILGSPASK	AGAP004145-PA	-	75	8.61E-08	2	1293.756	2.39	Male reproductive organs	2R:-:50732012-50731974	exon=> In CDS Exon 3 of transcript AGAP004145-PA
JHU_Ag_881	VGPPSSAADPPSAVK	AGAP004146-PA	-	82	9.36E-08	1	1379.717	0.18	Ovary	2R:-:50737328-50737284	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_9735	VGPPSSAADPPSAVK	AGAP004146-PA	-	107	3.11E-10	1	1379.717	0.53	Head	2R:-:50737328-50737284	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_9945	RVDTTTAMELANQLGIPFLETSAK	AGAP004146-PA	M8(Oxidation)	52	8.37E-05	3	2622.348	1.16	Salivary gland	2R:-:50737554-50737758,50737239-50737386	exon=> In CDS Exon 6 and 5 of transcript AGAP004146-PA

JHU_Ag_11327	MSPEYDYLFK	AGAP004146-PA	N-Term(Acetyl), M1(Oxidation)	72	5.21E-07	2	1350.593	0.86	Male reproductive organs	2R:-:50739791-50739791,50738112-50738169	exon=> In CDS Exon 2 and 1 of transcript AGAP004146-PA
JHU_Ag_17318	VGPPSSAADPPSAVK	AGAP004146-PA	-	110	1.38E-10	2	1379.716	-0.09	Visceras	2R:-:50737328-50737284	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_17668	NATNVEQAFMTMAAEIKNR	AGAP004146-PA	M10(Oxidation), M12(Oxidation),M12(Oxidation),M10(Oxidation)	64	6.29E-06	1	2171.030	3.68	Malpighian tubule	2R:-:50737385-50737329	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_18172	TITSSYYR	AGAP004146-PA	-	38	0.00241278	1	990.491	2.08	Malpighian tubule	2R:-:50737728-50737705	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_19473	RVDTTTAMELANQLGIPFLETSAK	AGAP004146-PA	M8(Oxidation)	53	6.04E-05	3	2622.361	6.11	Malpighian tubule	2R:-:50737554-50737758,50737239-50737386	exon=> In CDS Exon 6 and 5 of transcript AGAP004146-PA
JHU_Ag_25210	GAHGIIVVYDCTDHDSFENVK	AGAP004146-PA	C11(Carbamidomethyl)	47	0.000283019	1	2376.092	-0.13	Male reproductive organs	2R:-:50737704-50737642	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_33211	NATNVEQAFMTMAAEIK	AGAP004146-PA	M10(Oxidation), M12(Oxidation)	82	9.97E-08	1	1900.879	0.55	Malpighian tubule	2R:-:50737385-50737335	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_37719	GAHGIIVVYDCTDHDSFENVK	AGAP004146-PA	C11(Carbamidomethyl)	55	4.75E-05	1	2376.100	3.1	Salivary gland	2R:-:50737704-50737642	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_38735	VGPPSSAADPPSAVK	AGAP004146-PA	-	78	2.40E-07	1	1379.716	-0.62	Male reproductive organs	2R:-:50737328-50737284	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_38846	NATNVEQAFMTMAAEIK	AGAP004146-PA	M10(Oxidation),M12(Oxidation)	111	1.16E-10	2	1884.887	2.13	Head	2R:-:50737385-50737335	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_47028	FADDTYTESYISTIGVDFK	AGAP004146-PA	-	80	1.28E-07	1	2172.003	0.68	Salivary gland	2R:-:50738117-50738184,50737841-50737886	exon=> In CDS Exon 4 and 2 of transcript AGAP004146-PA
JHU_Ag_50518	VGPPSSAADPPSAVK	AGAP004146-PA	-	97	2.84E-09	1	1379.717	0.44	Malpighian tubule	2R:-:50737328-50737284	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_50754	QWLEEIER	AGAP004146-PA	-	40	0.001316964	2	1102.553	0.09	Male reproductive organs	2R:-:50737641-50737618	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_52467	VGPPSSAADPPSAVK	AGAP004146-PA	-	80	1.52E-07	1	1379.717	0.26	Salivary gland	2R:-:50737328-50737284	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_56509	FADDTYTESYISTIGVDFKIR	AGAP004146-PA	-	71	1.12E-06	1	2441.192	1.87	Malpighian tubule	2R:-:50738117-50738184,50737841-50737880	exon=> In CDS Exon 4 and 2 of transcript AGAP004146-PA
JHU_Ag_60973	YACDNVNK	AGAP004146-PA	C3(Carbamidomethyl)	52	3.25E-05	2	983.423	-1.84	Head	2R:-:50737617-50737594	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_63586	MSPEYDYLFK	AGAP004146-PA	N-Term(Acetyl), M1(Oxidation)	69	1.04E-06	2	1350.594	1.4	Salivary gland	2R:-:50739791-50739791,50738112-50738169	exon=> In CDS Exon 2 and 1 of transcript AGAP004146-PA
JHU_Ag_69698	NATNVEQAFMTMAAEIK	AGAP004146-PA	M10(Oxidation), M12(Oxidation)	42	0.000826587	2	1900.881	1.51	Larva	2R:-:50737385-50737335	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_70939	GAHGIIVVYDCTDHDSFENVK	AGAP004146-PA	C11(Carbamidomethyl)	141	1.21E-13	1	2376.098	2.33	Visceras	2R:-:50737704-50737642	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_73956	RVDTTTAMELANQLGIPFLETSAK	AGAP004146-PA	M8(Oxidation)	146	2.95E-14	1	2622.354	3.53	Head	2R:-:50737554-50737758,50737239-50737386	exon=> In CDS Exon 6 and 5 of transcript AGAP004146-PA
JHU_Ag_75271	NATNVEQAFMTMAAEIK	AGAP004146-PA	M10(Oxidation), M12(Oxidation),M10(Oxidation)	151	1.21E-14	1	1900.879	0.42	Salivary gland	2R:-:50737385-50737335	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_76316	VGPPSSAADPPSAVK	AGAP004146-PA	-	45	0.000446531	2	1379.714	-2.21	Midgut	2R:-:50737328-50737284	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_79052	VGPPSSAADPPSAVKIDK	AGAP004146-PA	-	47	0.000178848	2	1735.927	2.43	Malpighian tubule	2R:-:50737328-50737275	exon=> In CDS Exon 6 of transcript AGAP004146-PA

JHU_Ag_80354	TITSSYYR	AGAP004146-PA	-	43	0.000782499	1	990.490	1.09	Male reproductive organs	2R:-:50737728-50737705	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_83464	SCLLLR	AGAP004146-PA	C2(Carbamidomethyl)	42	0.00052823	2	761.434	0.36	Salivary gland	2R:-:50738135-50738118	exon=> In CDS Exon 2 of transcript AGAP004146-PA
JHU_Ag_84368	GAHGIIVVYDCTDHDSFENVK	AGAP004146-PA	C11(Carbamidomethyl)	124	6.54E-12	1	2376.096	1.56	Malpighian tubule	2R:-:50737704-50737642	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_86169	QWLEEIER	AGAP004146-PA	-	39	0.00177245	2	1102.553	0.31	Ovary	2R:-:50737641-50737618	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_86745	GAHGIIVVYDCTDHDSFENVK	AGAP004146-PA	C11(Carbamidomethyl)	135	4.07E-13	1	2376.089	-1.6	Head	2R:-:50737704-50737642	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_89841	SCLLLR	AGAP004146-PA	C2(Carbamidomethyl)	43	0.000626477	2	761.434	-0.12	Male reproductive organs	2R:-:50738135-50738118	exon=> In CDS Exon 2 of transcript AGAP004146-PA
JHU_Ag_89891	GAHGIIVVYDCTDHDSFENVK	AGAP004146-PA	C11(Carbamidomethyl)	108	2.60E-10	1	2376.098	2.49	Ovary	2R:-:50737704-50737642	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_91082	NATNVEQAFMTMAAEIK	AGAP004146-PA	M10(Oxidation), M12(Oxidation)	110	1.33E-10	2	1900.880	1.13	Male reproductive organs	2R:-:50737385-50737335	exon=> In CDS Exon 6 of transcript AGAP004146-PA
JHU_Ag_92918	TITSSYYR	AGAP004146-PA	-	47	0.000284787	1	990.487	-1.8	Head	2R:-:50737728-50737705	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_101716	SCLLLR	AGAP004146-PA	C2(Carbamidomethyl)	42	0.000545536	2	761.435	0.84	Malpighian tubule	2R:-:50738135-50738118	exon=> In CDS Exon 2 of transcript AGAP004146-PA
JHU_Ag_104482	FADDTYTESYISTIGVDFK	AGAP004146-PA	-	115	3.64E-11	2	2172.001	-0.45	Head	2R:-:50738117-50738184,50737841-50737886	exon=> In CDS Exon 4 and 2 of transcript AGAP004146-PA
JHU_Ag_105192	GAHGIIVVYDCTDHDSFENVK	AGAP004146-PA	C11(Carbamidomethyl)	88	2.13E-08	1	2376.097	1.79	Midgut	2R:-:50737704-50737642	exon=> In CDS Exon 5 of transcript AGAP004146-PA
JHU_Ag_108338	FADDTYTESYISTIGVDFK	AGAP004146-PA	-	115	4.23E-11	2	2172.009	3.15	Visceras	2R:-:50738117-50738184,50737841-50737886	exon=> In CDS Exon 4 and 2 of transcript AGAP004146-PA
JHU_Ag_36784	TIDLDGK	AGAP004146-PA,AGAP001211-PA	-	39	0.002570593	2	761.403	-0.67	Ovary	2R:-:50737879-50737859;2R:+:1588086-1588106	exon=> In CDS Exon 4 of transcript AGAP004146-PA;exon=> In CDS Exon 2 of transcript AGAP001211-PA
JHU_Ag_9127	LLLIGDSGVGK	AGAP004146-PA,AGAP001211-PA,AGAP000671-PA	-	59	1.11E-05	2	1071.641	-0.21	Male reproductive organs	2R:-:50738168-50738136;2R:+:1586123-1586155;X:-:11853407-11853375	exon=> In CDS Exon 2 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP001211-PA;exon=> In CDS Exon 1 of transcript AGAP000671-PA
JHU_Ag_23357	LLLIGDSGVGK	AGAP004146-PA,AGAP001211-PA,AGAP000671-PA	-	42	0.000465446	2	1071.640	-0.9	Head	2R:-:50738168-50738136;2R:+:1586123-1586155;X:-:11853407-11853375	exon=> In CDS Exon 2 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP001211-PA;exon=> In CDS Exon 1 of transcript AGAP000671-PA
JHU_Ag_36852	LLLIGDSGVGK	AGAP004146-PA,AGAP001211-PA,AGAP000671-PA	-	54	3.43E-05	1	1071.641	0.01	Ovary	2R:-:50738168-50738136;2R:+:1586123-1586155;X:-:11853407-11853375	exon=> In CDS Exon 2 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP001211-PA;exon=> In CDS Exon 1 of transcript AGAP000671-PA
JHU_Ag_53671	LLLIGDSGVGK	AGAP004146-PA,AGAP001211-PA,AGAP000671-PA	-	39	0.001045099	1	1071.642	0.65	Midgut	2R:-:50738168-50738136;2R:+:1586123-1586155;X:-:11853407-11853375	exon=> In CDS Exon 2 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP001211-PA;exon=> In CDS Exon 1 of transcript AGAP000671-PA
JHU_Ag_104864	LLLIGDSGVGK	AGAP004146-PA,AGAP001211-PA,AGAP000671-PA	-	56	1.95E-05	2	1071.644	3.32	Malpighian tubule	2R:-:50738168-50738136;2R:+:1586123-1586155;X:-:11853407-11853375	exon=> In CDS Exon 2 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP001211-PA;exon=> In CDS Exon 1 of transcript AGAP000671-PA

JHU_Ag_106016	LLLIGDSGVGK	AGAP004146-PA,AGAP001211-PA,AGAP000671-PA	-	42	0.000471148	2	1071.642	0.81	Visceras	2R:-:50738168-50738136;2R:+:1586123-1586155;X:-:11853407-11853375	exon=> In CDS Exon 2 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP001211-PA;exon=> In CDS Exon 1 of transcript AGAP000671-PA
JHU_Ag_117061	LLLIGDSGVGK	AGAP004146-PA,AGAP001211-PA,AGAP000671-PA	-	74	2.50E-07	1	1071.643	2.06	Salivary gland	2R:-:50738168-50738136;2R:+:1586123-1586155;X:-:11853407-11853375	exon=> In CDS Exon 2 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP001211-PA;exon=> In CDS Exon 1 of transcript AGAP000671-PA
JHU_Ag_62067	DIPSTWNLAEVR	AGAP004148-PA	-	50	0.000125132	2	1400.716	-0.58	Pupa	2R:-:50743862-50743948,50743105-50743711	exon=> In CDS Exon 4 and 3 of transcript AGAP004148-PA
JHU_Ag_66100	IPHPEYVPTSAEQYNDIALLR	AGAP004148-PA	-	49	0.00017876	1	2426.244	3.78	Head	2R:-:50743611-50743549	exon=> In CDS Exon 4 of transcript AGAP004148-PA
JHU_Ag_81962	IDEFPWIALLK	AGAP004148-PA	-	62	4.64E-06	2	1344.758	1.27	Pupa	2R:-:50744133-50744101	exon=> In CDS Exon 2 of transcript AGAP004148-PA
JHU_Ag_103745	NCNSLLTLIR	AGAP004148-PA	C2(Carbamidomethyl)	56	3.72E-05	2	1203.650	-1.06	Head	2R:-:50744361-50744332	exon=> In CDS Exon 2 of transcript AGAP004148-PA
JHU_Ag_71114	ILEMLR	AGAP004149-PA	M4(Oxidation)	42	0.00053466	1	790.448	-1.21	Male reproductive organs	2R:-:50748269-50748252	exon=> In CDS Exon 1 of transcript AGAP004149-PA
JHU_Ag_461	GVGIQFGPDVTEAFLK	AGAP004151-PA	-	42	0.000576773	2	1677.895	6.01	Salivary gland	2R:-:50758035-50757988	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_4334	DMEFATIEDDYTGPK	AGAP004151-PA	-	44	0.000188904	2	1731.743	0.55	Midgut	2R:-:50758909-50759283,50758678-50758771	exon=> In CDS Exon 3 and 2 of transcript AGAP004151-PA
JHU_Ag_5175	NLGAFITLK	AGAP004151-PA	-	63	1.62E-06	1	976.584	1.17	Malpighian tubule	2R:-:50757779-50757753	exon=> In CDS Exon 5 of transcript AGAP004151-PA
JHU_Ag_7512	SLLEWYKK	AGAP004151-PA	-	41	0.000442638	1	1066.595	2.06	Malpighian tubule	2R:-:50758734-50758711	exon=> In CDS Exon 3 of transcript AGAP004151-PA
JHU_Ag_11362	ALADLEFVAKR	AGAP004151-PA	-	46	0.000199633	1	1232.702	2.04	Ovary	2R:-:50759065-50759033	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_13996	LLYPNHFFLAR	AGAP004151-PA	-	76	2.72E-07	1	1390.763	-0.04	Ovary	2R:-:50758365-50758333	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_17348	EQNYEQAIALYTEAIETCPNER	AGAP004151-PA	C18(Carbamidomethyl)	81	1.08E-07	1	2642.208	1.68	Malpighian tubule	2R:-:50759404-50759539,50758794-50759219	exon=> In CDS Exon 2 and 1 of transcript AGAP004151-PA
JHU_Ag_18317	SFAHFR	AGAP004151-PA	-	34	0.004633457	2	764.385	1.25	Malpighian tubule	2R:-:50759203-50759186	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_22568	AISVQHQEK	AGAP004151-PA	-	46	0.000213058	1	1039.552	-1.27	Ovary	2R:-:50758957-50758931	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_22576	EQNYEQAIALYTEAIETCPNER	AGAP004151-PA	C18(Carbamidomethyl)	66	3.44E-06	1	2642.203	-0.19	Ovary	2R:-:50759404-50759539,50758794-50759219	exon=> In CDS Exon 2 and 1 of transcript AGAP004151-PA
JHU_Ag_24935	VLVMHGGLFSK	AGAP004151-PA	M4(Oxidation)	38	0.001928457	1	1203.657	1.58	Ovary	2R:-:50758194-50758162	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_25251	ILCDMETLLK	AGAP004151-PA	C3(Carbamidomethyl), M5(Oxidation)	44	0.000767843	1	1251.633	0.86	Malpighian tubule	2R:-:50758602-50758573	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_27375	SLLEWYKK	AGAP004151-PA	-	48	0.000121712	1	1066.593	0.23	Ovary	2R:-:50758734-50758711	exon=> In CDS Exon 3 of transcript AGAP004151-PA
JHU_Ag_29823	NLGAFITLK	AGAP004151-PA	-	39	0.000420551	2	976.585	2.05	Head	2R:-:50757779-50757753	exon=> In CDS Exon 5 of transcript AGAP004151-PA
JHU_Ag_33527	TESYGYALSDADK	AGAP004151-PA	-	95	2.21E-09	1	1419.627	-0.59	Malpighian tubule	2R:-:50759185-50759147	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_35252	GSFSVECIFTLFGFK	AGAP004151-PA	C7(Carbamidomethyl)	84	5.58E-08	1	1738.853	1.06	Malpighian tubule	2R:-:50758410-50758366	exon=> In CDS Exon 4 of transcript AGAP004151-PA

JHU_Ag_36562	GNHESFNMNQLYGFTGEVVSK	AGAP004151-PA	M8(Oxidation)	101	9.64E-10	1	2374.083	2.58	Malpighian tubule	2R:-:50758332-50758270	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_38260	FTTYADSPHPSIRPMAYAYSLMS	AGAP004151-PA	M15(Oxidation), M22(Oxidation)	58	1.64E-05	1	2638.199	1.51	Malpighian tubule	2R:-:50757731-50757792,50757551-50757554	exon=> In CDS Exon 6 and 5 of transcript AGAP004151-PA
JHU_Ag_38765	TQPSLVEIPVPDEQK	AGAP004151-PA	-	85	3.44E-08	1	1679.886	0.4	Ovary	2R:-:50758572-50758528	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_42946	TQPSLVEIPVPDEQK	AGAP004151-PA	-	62	6.78E-06	1	1679.889	2.36	Malpighian tubule	2R:-:50758572-50758528	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_52384	DNVSLDDLR	AGAP004151-PA	-	50	0.000142238	1	1046.511	-0.17	Malpighian tubule	2R:-:50758161-50758135	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_56084	LLYPNHFFLAR	AGAP004151-PA	-	62	6.09E-06	1	1390.764	0.81	Malpighian tubule	2R:-:50758365-50758333	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_56188	YNNLDYIIR	AGAP004151-PA	-	55	3.60E-05	2	1183.612	1.26	Malpighian tubule	2R:-:50757987-50757961	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_57507	ALADLEFVAK	AGAP004151-PA	-	71	9.17E-07	1	1076.598	-0.93	Ovary	2R:-:50759065-50759036	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_57815	GVGIQFGPDVTEAFLK	AGAP004151-PA	-	98	1.56E-09	1	1677.891	3.97	Ovary	2R:-:50758035-50757988	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_58424	SLLEWYKK	AGAP004151-PA	-	29	0.008247693	1	1066.594	0.34	Midgut	2R:-:50758734-50758711	exon=> In CDS Exon 3 of transcript AGAP004151-PA
JHU_Ag_64111	DMEFATIEDDYTGPK	AGAP004151-PA	M2(Oxidation)	117	8.91E-12	1	1747.734	-1.5	Ovary	2R:-:50758909-50759283,50758678-50758771	exon=> In CDS Exon 3 and 2 of transcript AGAP004151-PA
JHU_Ag_69329	GVGIQFGPDVTEAFLK	AGAP004151-PA	-	81	8.00E-08	1	1677.892	4.48	Head	2R:-:50758035-50757988	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_70725	LLYPNHFFLAR	AGAP004151-PA	-	31	0.007211342	1	1390.768	3.71	Head	2R:-:50758365-50758333	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_71695	VTLEFMK	AGAP004151-PA	-	39	0.001028565	2	867.465	0.03	Midgut	2R:-:50758755-50758735	exon=> In CDS Exon 3 of transcript AGAP004151-PA
JHU_Ag_73388	GNHESFNMNQLYGFTGEVVSK	AGAP004151-PA	M8(Oxidation)	57	2.27E-05	1	2374.082	2.11	Ovary	2R:-:50758332-50758270	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_73852	SLLEWYKK	AGAP004151-PA	-	36	0.001812727	1	1066.594	0.34	Salivary gland	2R:-:50758734-50758711	exon=> In CDS Exon 3 of transcript AGAP004151-PA
JHU_Ag_74012	GVGIQFGPDVTEAFLK	AGAP004151-PA	-	60	1.09E-05	2	1677.883	-0.76	Midgut	2R:-:50758035-50757988	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_74291	YNNLDYIIR	AGAP004151-PA	-	43	0.000619902	2	1183.613	1.67	Head	2R:-:50757987-50757961	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_76460	NLGAFITLK	AGAP004151-PA	-	49	3.67E-05	1	976.593	10.49	Ovary	2R:-:50757779-50757753	exon=> In CDS Exon 5 of transcript AGAP004151-PA
JHU_Ag_80132	GNEFFKEQNYEQAIALYTEAIETCPNER	AGAP004151-PA	C24(Carbamidomethyl)	37	0.002428925	1	3364.555	3.49	Ovary	2R:-:50759422-50759539,50758794-50759219	exon=> In CDS Exon 2 and 1 of transcript AGAP004151-PA
JHU_Ag_80467	VLVMHGGLFSK	AGAP004151-PA	M4(Oxidation)	37	0.001978856	1	1203.658	2.42	Malpighian tubule	2R:-:50758194-50758162	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_82728	DMEFATIEDDYTGPK	AGAP004151-PA	M2(Oxidation)	102	2.99E-10	1	1747.743	3.46	Head	2R:-:50758909-50759283,50758678-50758771	exon=> In CDS Exon 3 and 2 of transcript AGAP004151-PA
JHU_Ag_83295	ALADLEFVAK	AGAP004151-PA	-	71	8.68E-07	1	1076.600	1.45	Malpighian tubule	2R:-:50759065-50759036	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_86885	TESYGYALSDADK	AGAP004151-PA	-	100	8.25E-10	2	1419.628	0.61	Ovary	2R:-:50759185-50759147	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_87684	TESYGYALSDADK	AGAP004151-PA	-	55	2.41E-05	2	1419.630	1.73	Salivary gland	2R:-:50759185-50759147	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_90721	ALADLEFVAKR	AGAP004151-PA	-	56	1.97E-05	1	1232.702	1.73	Malpighian tubule	2R:-:50759065-50759033	exon=> In CDS Exon 2 of transcript AGAP004151-PA

JHU_Ag_92701	TQPSLVEIPVPDEQK	AGAP004151-PA	-	66	3.30E-06	2	1679.884	-0.69	Midgut	2R:-:50758572-50758528	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_97913	AAALMALGR	AGAP004151-PA	M5(Oxidation)	63	7.44E-06	2	889.493	0.91	Ovary	2R:-:50759101-50759075	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_97996	GNEFFK	AGAP004151-PA	-	33	0.001755742	2	741.357	0.94	Malpighian tubule	2R:-:50759422-50759405	exon=> In CDS Exon 1 of transcript AGAP004151-PA
JHU_Ag_98653	GNHESFNMNQLYGFTGEVVSK	AGAP004151-PA	M8(Oxidation)	36	0.002594379	1	2374.074	-1.13	Midgut	2R:-:50758332-50758270	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_100901	GSFSVECIFTLFGFK	AGAP004151-PA	C7(Carbamidomethyl)	100	1.52E-09	1	1738.851	0.29	Ovary	2R:-:50758410-50758366	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_102236	TESYGYALSDADK	AGAP004151-PA	-	85	2.34E-08	2	1419.629	1.13	Head	2R:-:50759185-50759147	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_103518	TQPSLVEIPVPDEQK	AGAP004151-PA	-	61	7.54E-06	2	1679.896	6.72	Head	2R:-:50758572-50758528	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_103968	AAALMALGR	AGAP004151-PA	M5(Oxidation)	51	0.0001227	2	889.494	1.52	Malpighian tubule	2R:-:50759101-50759075	exon=> In CDS Exon 2 of transcript AGAP004151-PA
JHU_Ag_109175	SLLEWYKK	AGAP004151-PA	-	41	0.000577208	1	1066.593	0.23	Male reproductive organs	2R:-:50758734-50758711	exon=> In CDS Exon 3 of transcript AGAP004151-PA
JHU_Ag_111540	ILCDMETLLK	AGAP004151-PA	C3(Carbamidomethyl), M5(Oxidation)	40	0.001566023	2	1251.630	-1.58	Midgut	2R:-:50758602-50758573	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_112993	DMEFATIEDDYTGPK	AGAP004151-PA	M2(Oxidation)	76	1.08E-07	2	1747.741	2.2	Malpighian tubule	2R:-:50758909-50759283,50758678-50758771	exon=> In CDS Exon 3 and 2 of transcript AGAP004151-PA
JHU_Ag_115446	YNNLDYIIR	AGAP004151-PA	-	58	1.91E-05	2	1183.612	1.26	Ovary	2R:-:50757987-50757961	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_117667	GVGIQFGPDVTEAFLK	AGAP004151-PA	-	68	1.94E-06	2	1677.886	0.55	Male reproductive organs	2R:-:50758035-50757988	exon=> In CDS Exon 4 of transcript AGAP004151-PA
JHU_Ag_1253	NESRWIVLK	AGAP004152-PA	-	40	0.001595394	1	1144.634	-11.72	Pupa	2R:-:50775680-50775654	exon=> In CDS Exon 3 of transcript AGAP004152-PA
JHU_Ag_11156	NESRWIVLK	AGAP004152-PA	-	40	0.001307082	1	1144.632	-13.85	Head	2R:-:50775680-50775654	exon=> In CDS Exon 3 of transcript AGAP004152-PA
JHU_Ag_61822	NESRWIVLK	AGAP004152-PA	-	40	0.001536647	1	1144.636	-10.22	Larva	2R:-:50775680-50775654	exon=> In CDS Exon 3 of transcript AGAP004152-PA
JHU_Ag_99405	NESRWIVLK	AGAP004152-PA	-	40	0.001351208	1	1144.632	-13.32	Visceras	2R:-:50775680-50775654	exon=> In CDS Exon 3 of transcript AGAP004152-PA
JHU_Ag_106513	LQLGEK	AGAP004154-PA	Q2(Deamidated)	39	0.002844908	1	688.389	1.62	Ovary	2R:-:50784458-50784441	exon=> In CDS Exon 18 of transcript AGAP004154-PA
JHU_Ag_14211	EEVLEECGYDIPVER	AGAP004158-PA	C7(Carbamidomethyl)	74	4.82E-07	2	1836.837	2.58	Salivary gland	2R:+:50947123-50947167	exon=> In CDS Exon 2 of transcript AGAP004158-PA
JHU_Ag_19095	IASAGGGVDDEIIDVVEYDLEEAR	AGAP004158-PA	-	106	3.66E-10	1	2535.204	-2.39	Ovary	2R:+:50947258-50947329	exon=> In CDS Exon 2 of transcript AGAP004158-PA
JHU_Ag_40367	EEVLEECGYDIPVER	AGAP004158-PA	C7(Carbamidomethyl)	71	8.11E-07	1	1836.827	-2.94	Head	2R:+:50947123-50947167	exon=> In CDS Exon 2 of transcript AGAP004158-PA
JHU_Ag_58196	EEVLEECGYDIPVER	AGAP004158-PA	C7(Carbamidomethyl)	71	1.01E-06	2	1836.832	-0.21	Midgut	2R:+:50947123-50947167	exon=> In CDS Exon 2 of transcript AGAP004158-PA
JHU_Ag_78882	EEVLEECGYDIPVER	AGAP004158-PA	C7(Carbamidomethyl)	42	0.000767193	1	1836.831	-0.48	Visceras	2R:+:50947123-50947167	exon=> In CDS Exon 2 of transcript AGAP004158-PA
JHU_Ag_96463	EEVLEECGYDIPVER	AGAP004158-PA	C7(Carbamidomethyl)	109	1.32E-10	1	1836.836	1.98	Malpighian tubule	2R:+:50947123-50947167	exon=> In CDS Exon 2 of transcript AGAP004158-PA
JHU_Ag_899	GLAFTLEER	AGAP004159-PA,AGAP004159-PB	-	62	8.03E-06	1	1035.548	1.35	Ovary	2R:-:50950092-50950066;2R:-:50950092-50950066	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_1067	GLASTYPEPEDKK	AGAP004159-PA,AGAP004159-PB	-	55	6.05E-05	1	1434.710	-0.72	Pupa	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB
JHU_Ag_1548	LISEDVEKMMPIVYTPTVGLACQK	AGAP004159-PA,AGAP004159-PB	M9(Oxidation), M10(Oxidation), C22(Carbamidomethyl)	64	5.21E-06	1	2754.390	5.08	Ovary	2R:-:50949906-50949835;2R:-:50949906-50949835	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_2167	GLASTYPEPEDK	AGAP004159-PA,AGAP004159-PB	-	76	3.31E-07	1	1306.616	-0.14	Head	2R:-:50948512-50948806,50948265-50948394;2R:-:50948512-50948806,50948265-50948394	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB
JHU_Ag_2279	DKIWMFDIDGLLAK	AGAP004159-PA,AGAP004159-PB	-	58	1.74E-05	2	1664.876	2.28	Head	2R:-:50949186-50949145;2R:-:50949186-50949145	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_4133	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	M2(Oxidation)	72	8.26E-07	2	1377.653	7.68	Male reproductive organs	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_5272	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	-	115	5.05E-11	1	2271.063	2.26	Pupa	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_7163	SQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C9(Carbamidomethyl)	73	5.41E-07	2	1291.597	1.82	Ovary	2R:-:50950023-50949994;2R:-:50950023-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_7265	ECSMDIAVGVTNYAYQK	AGAP004159-PA,AGAP004159-PB	C2(Carbamidomethyl), M4(Oxidation)	36	0.002239452	1	1964.872	-0.59	Salivary gland	2R:-:50948563-50948513;2R:-:50948563-50948513	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_8482	FKSQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C11(Carbamidomethyl)	100	1.81E-09	1	1566.761	1.62	Head	2R:-:50950029-50949994;2R:-:50950029-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_8729	LALYTALAGIPPHQCLPIVIDVGTNNK	AGAP004159-PA,AGAP004159-PB	C15(Carbamidomethyl)	54	1.21E-05	1	2888.577	2.16	Malpighian tubule	2R:-:50949651-50949571;2R:-:50949651-50949571	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_8936	CIFASGSPFPPVQYGGK	AGAP004159-PA,AGAP004159-PB	C1(Carbamidomethyl)	84	6.22E-08	2	1811.884	2.76	Visceras	2R:-:50948800-50948750;2R:-:50948800-50948750	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_8949	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	M2(Oxidation)	107	2.59E-10	1	1377.642	-0.47	Midgut	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_9108	GLFVTINDR	AGAP004159-PA,AGAP004159-PB	-	40	0.001218737	2	1034.561	-1.59	Head	2R:-:50949807-50949781;2R:-:50949807-50949781	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_9650	YLYLVDLQDR	AGAP004159-PA,AGAP004159-PB	-	38	0.001486583	2	1297.683	2.95	Head	2R:-:50949957-50949928;2R:-:50949957-50949928	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_10324	QILGIHGLQPAR	AGAP004159-PA,AGAP004159-PB	-	40	0.000298065	1	1302.763	-0.62	Midgut	2R:-:50950065-50950030;2R:-:50950065-50950030	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_10421	GLAFTLEER	AGAP004159-PA,AGAP004159-PB	-	56	3.98E-05	2	1035.548	0.64	Male reproductive organs	2R:-:50950092-50950066;2R:-:50950092-50950066	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_12256	QILGIHGLQPAR	AGAP004159-PA,AGAP004159-PB	-	87	6.80E-09	1	1302.764	-0.32	Head	2R:-:50950065-50950030;2R:-:50950065-50950030	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_12730	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	M2(Oxidation)	95	4.62E-09	1	1377.649	4.85	Salivary gland	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_13130	CIFASGSPFPPVQYGGK	AGAP004159-PA,AGAP004159-PB	C1(Carbamidomethyl)	106	4.37E-10	2	1811.878	-0.27	Midgut	2R:-:50948800-50948750;2R:-:50948800-50948750	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_13665	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	-	105	5.47E-10	1	2271.063	2.34	Ovary	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_14097	ISDNTFLFLGAGEAAVGIADLVVK	AGAP004159-PA,AGAP004159-PB	-	104	2.14E-10	2	2420.307	-0.25	Midgut	2R:-:50949297-50949226;2R:-:50949297-50949226	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_15470	FGLIYR	AGAP004159-PA,AGAP004159-PB	-	43	0.000261877	2	768.440	-0.26	Visceras	2R:-:50949834-50949817;2R:-:50949834-50949817	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_15751	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	-	123	8.19E-12	1	2271.057	-0.16	Midgut	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_16101	DLLEDPLYIGLR	AGAP004159-PA,AGAP004159-PB	-	82	6.18E-08	2	1416.779	4.3	Malpighian tubule	2R:-:50949570-50949535;2R:-:50949570-50949535	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_16664	SQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C9(Carbamidomethyl)	74	5.07E-07	2	1291.595	0.02	Visceras	2R:-:50950023-50949994;2R:-:50950023-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_16762	GLAFTLEER	AGAP004159-PA,AGAP004159-PB	-	52	0.000102609	2	1035.544	-2.9	Head	2R:-:50950092-50950066;2R:-:50950092-50950066	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_16935	DLLEDPLYIGLR	AGAP004159-PA,AGAP004159-PB	-	84	4.21E-08	2	1416.777	2.32	Visceras	2R:-:50949570-50949535;2R:-:50949570-50949535	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_17295	SYIESHLYNYNYQSAMPVTWPWPK	AGAP004159-PA,AGAP004159-PB	-	84	4.97E-08	1	2974.397	3.53	Malpighian tubule	2R:-:50948390-50948319;2R:-:50948390-50948319	exon=> In CDS Exon 3 of transcript AGAP004159-PA;exon=> In CDS Exon 4 of transcript AGAP004159-PB
JHU_Ag_18608	GHVFDVLR	AGAP004159-PA,AGAP004159-PB	-	60	8.68E-06	1	942.517	1.67	Male reproductive organs	2R:-:50949780-50949757;2R:-:50949780-50949757	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_18659	GLAFTLEER	AGAP004159-PA,AGAP004159-PB	-	58	2.04E-05	2	1035.549	2.41	Malpighian tubule	2R:-:50950092-50950066;2R:-:50950092-50950066	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_19346	GLASTYPEPEDKK	AGAP004159-PA,AGAP004159-PB	-	64	7.27E-06	2	1434.712	0.64	Head	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB
JHU_Ag_21687	YLYLVDLQDRNER	AGAP004159-PA,AGAP004159-PB	-	43	0.000638319	1	1696.869	2.43	Ovary	2R:-:50949957-50949919;2R:-:50949957-50949919	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_22780	QILGIHGLQPAR	AGAP004159-PA,AGAP004159-PB	-	75	8.62E-08	1	1302.766	1.27	Malpighian tubule	2R:-:50950065-50950030;2R:-:50950065-50950030	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_22988	GSLYPPLSAIKECSMDIAVGVTNYAYQK	AGAP004159-PA,AGAP004159-PB	C13(Carbamidomethyl), M15(Oxidation)	72	8.61E-07	1	3091.516	1.45	Malpighian tubule	2R:-:50948596-50948513;2R:-:50948596-50948513	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_24725	MMPIVYTPTVGLACQK	AGAP004159-PA,AGAP004159-PB	M1(Oxidation), M2(Oxidation), C14(Carbamidomethyl)	49	0.000211056	2	1840.904	1.93	Salivary gland	2R:-:50949882-50949835;2R:-:50949882-50949835	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_24856	QILGIHGLQPAR	AGAP004159-PA,AGAP004159-PB	-	42	0.000159052	1	1302.767	2.21	Salivary gland	2R:-:50950065-50950030;2R:-:50950065-50950030	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_25264	FLDKYR	AGAP004159-PA,AGAP004159-PB	-	35	0.002194024	2	841.458	1.19	Malpighian tubule	2R:-:50949408-50949391;2R:-:50949408-50949391	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_27769	VQGKEYDEFIDEFMQAVVK	AGAP004159-PA,AGAP004159-PB	M14(Oxidation)	59	2.21E-05	1	2291.098	3.51	Ovary	2R:-:50949525-50949469;2R:-:50949525-50949469	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_30603	DKIWMFDIDGLLAK	AGAP004159-PA,AGAP004159-PB	M5(Oxidation)	92	7.71E-09	1	1680.866	-0.38	Midgut	2R:-:50949186-50949145;2R:-:50949186-50949145	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_30795	YQEDLNK	AGAP004159-PA,AGAP004159-PB	-	37	0.002467874	1	909.429	-2.95	Head	2R:-:50949978-50949958;2R:-:50949978-50949958	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_31270	YLYLVDLQDRNER	AGAP004159-PA,AGAP004159-PB	-	54	4.64E-05	1	1696.867	0.7	Malpighian tubule	2R:-:50949957-50949919;2R:-:50949957-50949919	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_31366	FLDKYR	AGAP004159-PA,AGAP004159-PB	-	38	0.000785953	2	841.460	4.16	Head	2R:-:50949408-50949391;2R:-:50949408-50949391	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_31937	MMPIVYTPTVGLACQK	AGAP004159-PA,AGAP004159-PB	M1(Oxidation), M2(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	78	2.34E-07	1	1808.912	0.8	Head	2R:-:50949882-50949835;2R:-:50949882-50949835	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_32074	MMPIVYTPTVGLACQK	AGAP004159-PA,AGAP004159-PB	M1(Oxidation), M2(Oxidation), C14(Carbamidomethyl)	44	0.000693044	1	1840.902	0.87	Visceras	2R:-:50949882-50949835;2R:-:50949882-50949835	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_33936	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	-	36	0.002984363	2	1361.647	-0.8	Visceras	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_36277	DKIWMFDIDGLLAK	AGAP004159-PA,AGAP004159-PB	M5(Oxidation)	110	1.13E-10	1	1664.879	4.48	Visceras	2R:-:50949186-50949145;2R:-:50949186-50949145	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_38078	QILGIHGLQPAR	AGAP004159-PA,AGAP004159-PB	-	36	0.000813412	2	1302.764	-0.04	Visceras	2R:-:50950065-50950030;2R:-:50950065-50950030	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_38774	FGLIYR	AGAP004159-PA,AGAP004159-PB	-	43	0.000255328	2	768.440	-0.02	Male reproductive organs	2R:-:50949834-50949817;2R:-:50949834-50949817	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_39207	ILGLGDLGACGMGIPVGK	AGAP004159-PA,AGAP004159-PB	C10(Carbamidomethyl), M12(Oxidation),C10(Carbamidomethyl)	124	4.51E-12	1	1727.922	2.18	Malpighian tubule	2R:-:50949705-50949652;2R:-:50949705-50949652	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_40586	DKIWMFDIDGLLAK	AGAP004159-PA,AGAP004159-PB	M5(Oxidation)	71	8.90E-07	1	1680.870	1.93	Pupa	2R:-:50949186-50949145;2R:-:50949186-50949145	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_43232	GHVFDVLR	AGAP004159-PA,AGAP004159-PB	-	64	3.21E-06	1	942.516	0.44	Head	2R:-:50949780-50949757;2R:-:50949780-50949757	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_43685	TFITGQGNNAYIFPGVALGVIVTGTHHIPEDMFLIAAQVVADHVSEADLEK	AGAP004159-PA,AGAP004159-PB	M32(Oxidation)	93	1.51E-09	1	5421.770	4.28	Malpighian tubule	2R:-:50948749-50948597;2R:-:50948749-50948597	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_43985	ECSMDIAVGVTNYAYQK	AGAP004159-PA,AGAP004159-PB	C2(Carbamidomethyl), M4(Oxidation)	82	5.98E-08	1	1964.873	-0.1	Malpighian tubule	2R:-:50948563-50948513;2R:-:50948563-50948513	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB

JHU_Ag_44254	FLDKYR	AGAP004159-PA,AGAP004159-PB	-	36	0.001795731	2	841.456	-0.7	Visceras	2R:-:50949408-50949391;2R:-:50949408-50949391	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_44445	FGLIYR	AGAP004159-PA,AGAP004159-PB	-	38	0.000758597	2	768.440	-0.42	Salivary gland	2R:-:50949834-50949817;2R:-:50949834-50949817	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_45404	ISDNTFLFLGAGEAAVGIADLVVK	AGAP004159-PA,AGAP004159-PB	-	138	6.59E-14	1	2420.311	1.67	Malpighian tubule	2R:-:50949297-50949226;2R:-:50949297-50949226	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_46573	YLYLVDLQDRNER	AGAP004159-PA,AGAP004159-PB	-	73	6.37E-07	1	1696.868	1.46	Visceras	2R:-:50949957-50949919;2R:-:50949957-50949919	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_48464	QILGIHGLQPAR	AGAP004159-PA,AGAP004159-PB	-	57	5.40E-06	1	1302.765	0.71	Ovary	2R:-:50950065-50950030;2R:-:50950065-50950030	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_49151	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	M2(Oxidation)	72	7.82E-07	2	1377.646	2.63	Ovary	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_49210	YLYLVDLQDRNER	AGAP004159-PA,AGAP004159-PB	-	68	1.94E-06	2	1696.866	0.17	Midgut	2R:-:50949957-50949919;2R:-:50949957-50949919	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_49480	GHVFDVLR	AGAP004159-PA,AGAP004159-PB	-	38	0.001485082	1	942.515	-0.9	Midgut	2R:-:50949780-50949757;2R:-:50949780-50949757	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_50726	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	M2(Oxidation)	96	3.27E-09	1	1377.646	2.28	Malpighian tubule	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_51209	VQGKEYDEFIDEFMQAVVK	AGAP004159-PA,AGAP004159-PB	M14(Oxidation)	101	1.35E-09	1	2291.101	4.71	Malpighian tubule	2R:-:50949525-50949469;2R:-:50949525-50949469	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_51345	GHVFDVLR	AGAP004159-PA,AGAP004159-PB	-	42	0.000528955	1	942.516	0.77	Malpighian tubule	2R:-:50949780-50949757;2R:-:50949780-50949757	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_51701	EYDEFIDEFMQAVVK	AGAP004159-PA,AGAP004159-PB	M10(Oxidation)	115	5.07E-11	1	1862.862	5.74	Head	2R:-:50949513-50949469;2R:-:50949513-50949469	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_52519	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	M2(Oxidation)	102	6.49E-10	2	1377.643	0.06	Pupa	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_53160	ISDNTFLFLGAGEAAVGIADLVVK	AGAP004159-PA,AGAP004159-PB	-	125	1.55E-12	1	2420.307	-0.15	Head	2R:-:50949297-50949226;2R:-:50949297-50949226	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_53315	GLASTYPEPEDKK	AGAP004159-PA,AGAP004159-PB	-	71	1.40E-06	1	1434.715	2.68	Malpighian tubule	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB
JHU_Ag_53813	GSLYPPLSAIK	AGAP004159-PA,AGAP004159-PB	-	37	0.001995 85	1	1145.656	-0.42	Malpighian tubule	2R:-:50948596-50948564;2R:-:50948596-50948564	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_54355	LISEDVEK	AGAP004159-PA,AGAP004159-PB	-	42	0.001109 883	1	932.494	0.16	Malpighian tubule	2R:-:50949906-50949883;2R:-:50949906-50949883	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_54360	FKSQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C11(Carbamidomethyl)	98	2.78E-09	1	1566.759	0.29	Ovary	2R:-:50950029-50949994;2R:-:50950029-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_54697	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	-	109	2.22E-10	1	2271.062	1.61	Visceras	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_55500	MMPIVYTPTVGLACQK	AGAP004159-PA,AGAP004159-PB	M1(Oxidation), M2(Oxidation), C14(Carbamidomethyl)	83	7.54E-08	1	1840.900	-0.59	Midgut	2R:-:50949882-50949835;2R:-:50949882-50949835	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_55571	GSLYPPLSAIK	AGAP004159-PA,AGAP004159-PB	-	41	0.000690 443	1	1145.657	0.82	Head	2R:-:50948596-50948564;2R:-:50948596-50948564	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_55573	GLFVTINDRGHVFDVLR	AGAP004159-PA,AGAP004159-PB	-	71	5.02E-07	1	1958.064	1.63	Malpighian tubule	2R:-:50949807-50949757;2R:-:50949807-50949757	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_55636	GLAFTLEER	AGAP004159-PA,AGAP004159-PB	-	51	0.000130 478	2	1035.547	0.17	Midgut	2R:-:50950092-50950066;2R:-:50950092-50950066	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_55765	DKIWMFDIDGLLAK	AGAP004159-PA,AGAP004159-PB	M5(Oxidation)	78	1.85E-07	1	1680.866	-0.38	Male reproductive organs	2R:-:50949186-50949145;2R:-:50949186-50949145	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_56300	EYDEFIDEFMQAVVK	AGAP004159-PA,AGAP004159-PB	M10(Oxidation)	98	1.71E-09	1	1878.847	0.41	Midgut	2R:-:50949513-50949469;2R:-:50949513-50949469	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_56614	DKIWMFDIDGLLAK	AGAP004159-PA,AGAP004159-PB	M5(Oxidation)	104	5.17E-10	1	1680.876	5.79	Malpighian tubule	2R:-:50949186-50949145;2R:-:50949186-50949145	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_58595	NFADVVK	AGAP004159-PA,AGAP004159-PB	-	49	0.000163 043	1	792.426	1.2	Midgut	2R:-:50949078-50949058;2R:-:50949078-50949058	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_59626	EVKPSVLIGASAAGGAFTPEILQAMGQFNERPIIFALSNPTSK	AGAP004159-PA,AGAP004159-PB	M25(Oxidation)	124	8.69E-13	1	4473.359	2.16	Malpighian tubule	2R:-:50949057-50948929;2R:-:50949057-50948929	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_60217	GLFVTINDR	AGAP004159-PA,AGAP004159-PB	-	40	0.001230014	2	1034.562	-1.24	Midgut	2R:-:50949807-50949781;2R:-:50949807-50949781	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_60378	GHVFDVLR	AGAP004159-PA,AGAP004159-PB	-	41	0.000690186	1	942.515	-0.59	Ovary	2R:-:50949780-50949757;2R:-:50949780-50949757	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_61379	SYIESHLYNYNYQSAMPVTWPWPK	AGAP004159-PA,AGAP004159-PB	M16(Oxidation)	67	2.56E-06	1	2990.379	-0.87	Head	2R:-:50948390-50948319;2R:-:50948390-50948319	exon=> In CDS Exon 3 of transcript AGAP004159-PA;exon=> In CDS Exon 4 of transcript AGAP004159-PB
JHU_Ag_62315	FGLIYR	AGAP004159-PA,AGAP004159-PB	-	43	0.000261275	2	768.440	-0.26	Midgut	2R:-:50949834-50949817;2R:-:50949834-50949817	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_63912	NFADVVK	AGAP004159-PA,AGAP004159-PB	-	35	0.003221316	2	792.424	-1.28	Head	2R:-:50949078-50949058;2R:-:50949078-50949058	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_64940	AMQAEGTGLQEAR	AGAP004159-PA,AGAP004159-PB	M2(Oxidation)	117	2.53E-11	1	1361.647	-0.71	Head	2R:-:50949225-50949187;2R:-:50949225-50949187	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_66600	ILGLGDLGACGMGIPVGK	AGAP004159-PA,AGAP004159-PB	C10(Carbamidomethyl),"C10(Carbamidomethyl),M12(Oxidation)"	127	2.41E-12	1	1727.918	-0.01	Head	2R:-:50949705-50949652;2R:-:50949705-50949652	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_66890	QILGIHGLQPAR	AGAP004159-PA,AGAP004159-PB	-	48	5.47E-05	1	1302.763	-1.11	Male reproductive organs	2R:-:50950065-50950030;2R:-:50950065-50950030	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_70802	GLFVTINDR	AGAP004159-PA,AGAP004159-PB	-	48	0.000194702	2	1034.562	-0.65	Male reproductive organs	2R:-:50949807-50949781;2R:-:50949807-50949781	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_71521	ILGLGDLGACGMGIPVGK	AGAP004159-PA,AGAP004159-PB	C10(Carbamidomethyl),M12(Oxidation)	48	0.00018048	1	1743.920	3.82	Larva	2R:-:50949705-50949652;2R:-:50949705-50949652	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_73094	SQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C9(Carbamidomethyl)	69	1.44E-06	2	1291.595	0.02	Malpighian tubule	2R:-:50950023-50949994;2R:-:50950023-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_74594	DLLEDPLYIGLR	AGAP004159-PA,AGAP004159-PB	-	68	1.63E-06	2	1416.776	1.8	Pupa	2R:-:50949570-50949535;2R:-:50949570-50949535	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_75811	YLYLVDLQDR	AGAP004159-PA,AGAP004159-PB	-	44	0.000406475	2	1297.679	0.22	Midgut	2R:-:50949957-50949928;2R:-:50949957-50949928	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_76120	EYDEFIDEFMQAVVK	AGAP004159-PA,AGAP004159-PB	M10(Oxidation)	50	0.000112976	1	1878.858	6.06	Larva	2R:-:50949513-50949469;2R:-:50949513-50949469	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_76175	DHGVMK	AGAP004159-PA,AGAP004159-PB	M5(Oxidation)	33	0.001679974	1	702.326	2.87	Head	2R:-:50949096-50949079;2R:-:50949096-50949079	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_78224	YLYLVDLQDRNER	AGAP004159-PA,AGAP004159-PB	-	39	0.001455915	1	1696.863	-1.13	Salivary gland	2R:-:50949957-50949919;2R:-:50949957-50949919	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_78493	EYDEFIDEFMQAVVKR	AGAP004159-PA,AGAP004159-PB	M10(Oxidation)	36	0.003928816	1	2034.947	-0.49	Midgut	2R:-:50949513-50949466;2R:-:50949513-50949466	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_79798	GLAFTLEER	AGAP004159-PA,AGAP004159-PB	-	58	2.05E-05	2	1035.550	3	Salivary gland	2R:-:50950092-50950066;2R:-:50950092-50950066	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_81082	GLASTYPEPEDKK	AGAP004159-PA,AGAP004159-PB	-	57	3.66E-05	1	1434.709	-1.23	Midgut	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB
JHU_Ag_81947	CIFASGSPFPPVQYGGK	AGAP004159-PA,AGAP004159-PB	C1(Carbamidomethyl)	103	7.44E-10	2	1811.888	4.91	Head	2R:-:50948800-50948750;2R:-:50948800-50948750	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_82773	DLLEDPLYIGLR	AGAP004159-PA,AGAP004159-PB	-	96	2.70E-09	2	1416.780	4.73	Head	2R:-:50949570-50949535;2R:-:50949570-50949535	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_83312	VQGKEYDEFIDEFMQAVVK	AGAP004159-PA,AGAP004159-PB	M14(Oxidation)	40	0.001601698	1	2291.094	1.59	Male reproductive organs	2R:-:50949525-50949469;2R:-:50949525-50949469	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_83701	FKSQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C11(Carbamidomethyl)	100	1.88E-09	1	1566.756	-1.42	Male reproductive organs	2R:-:50950029-50949994;2R:-:50950029-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_83883	ECSMDIAVGVTNYAYQK	AGAP004159-PA,AGAP004159-PB	C2(Carbamidomethyl), M4(Oxidation)	86	2.62E-08	1	1964.876	1.65	Head	2R:-:50948563-50948513;2R:-:50948563-50948513	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_83916	SYIESHLYNYNYQSAMPVTWPWPK	AGAP004159-PA,AGAP004159-PB	M16(Oxidation)	82	7.79E-08	1	2990.393	3.6	Midgut	2R:-:50948390-50948319;2R:-:50948390-50948319	exon=> In CDS Exon 3 of transcript AGAP004159-PA;exon=> In CDS Exon 4 of transcript AGAP004159-PB
JHU_Ag_85828	GLASTYPEPEDKK	AGAP004159-PA,AGAP004159-PB	-	53	9.49E-05	1	1434.710	-1.14	Visceras	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB

JHU_Ag_85902	GLASTYPEPEDKK	AGAP004159-PA,AGAP004159-PB	-	40	0.001656417	1	1434.711	0.22	Salivary gland	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB
JHU_Ag_87317	FGLIYR	AGAP004159-PA,AGAP004159-PB	-	45	0.000161472	2	768.440	-0.1	Head	2R:-:50949834-50949817;2R:-:50949834-50949817	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_87811	GLFVTINDR	AGAP004159-PA,AGAP004159-PB	-	45	0.000360056	2	1034.562	-0.65	Salivary gland	2R:-:50949807-50949781;2R:-:50949807-50949781	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_88708	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	-	104	6.40E-10	1	2271.063	2.26	Salivary gland	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_89575	ECSMDIAVGVTNYAYQK	AGAP004159-PA,AGAP004159-PB	C2(Carbamidomethyl), M4(Oxidation)	60	1.10E-05	2	1964.883	5.37	Male reproductive organs	2R:-:50948563-50948513;2R:-:50948563-50948513	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_90221	DLLEDPLYIGLR	AGAP004159-PA,AGAP004159-PB	-	92	6.37E-09	2	1416.780	4.47	Midgut	2R:-:50949570-50949535;2R:-:50949570-50949535	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_90699	YLYLVDLQDRNER	AGAP004159-PA,AGAP004159-PB	-	38	0.001862032	1	1696.865	-0.27	Male reproductive organs	2R:-:50949957-50949919;2R:-:50949957-50949919	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_90708	YLYLVDLQDR	AGAP004159-PA,AGAP004159-PB	-	37	0.002250035	1	1297.682	2.76	Salivary gland	2R:-:50949957-50949928;2R:-:50949957-50949928	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_91063	FKSQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C11(Carbamidomethyl)	44	0.000705422	2	1566.762	2.55	Malpighian tubule	2R:-:50950029-50949994;2R:-:50950029-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_91980	SYIESHLYNYNYQSAMPVTWPWPK	AGAP004159-PA,AGAP004159-PB	-	44	0.000487091	3	2974.384	-0.97	Visceras	2R:-:50948390-50948319;2R:-:50948390-50948319	exon=> In CDS Exon 3 of transcript AGAP004159-PA;exon=> In CDS Exon 4 of transcript AGAP004159-PB
JHU_Ag_93202	EYDEFIDEFMQAVVK	AGAP004159-PA,AGAP004159-PB	M10(Oxidation)	93	6.02E-09	1	1878.849	1.25	Malpighian tubule	2R:-:50949513-50949469;2R:-:50949513-50949469	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_94963	ILGLGDLGACGMGIPVGK	AGAP004159-PA,AGAP004159-PB	C10(Carbamidomethyl),"C10(Carbamidomethyl), M12(Oxidation)"	82	7.25E-08	2	1743.914	0.25	Midgut	2R:-:50949705-50949652;2R:-:50949705-50949652	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_95780	GLASTYPEPEDK	AGAP004159-PA,AGAP004159-PB	-	79	1.66E-07	1	1306.617	0.71	Malpighian tubule	2R:-:50948512-50948806,50948265-50948394;2R:-:50948512-50948806,50948265-50948394	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB

JHU_Ag_96111	SQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C9(Carbamidomethyl)	73	5.77E-07	2	1291.593	-1.21	Midgut	2R:-:50950023-50949994;2R:-:50950023-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_97029	EYDEFIDEFMQAVVKR	AGAP004159-PA,AGAP004159-PB	M10(Oxidation)	80	1.70E-07	1	2034.949	0.41	Male reproductive organs	2R:-:50949513-50949466;2R:-:50949513-50949466	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_97598	NTYCTFNDDIQGTASVAVAGMLAAK	AGAP004159-PA,AGAP004159-PB	C4(Carbamidomethyl)	44	0.000685534	1	2618.231	3.31	Head	2R:-:50949390-50949316;2R:-:50949390-50949316	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_98039	DKIWMFDIDGLLAK	AGAP004159-PA,AGAP004159-PB	M5(Oxidation)	70	1.28E-06	2	1680.872	3.39	Ovary	2R:-:50949186-50949145;2R:-:50949186-50949145	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_98272	CIFASGSPFPPVQYGGK	AGAP004159-PA,AGAP004159-PB	C1(Carbamidomethyl)	77	3.13E-07	2	1811.885	3.36	Ovary	2R:-:50948800-50948750;2R:-:50948800-50948750	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_98368	GHVFDVLR	AGAP004159-PA,AGAP004159-PB	-	55	2.79E-05	1	942.515	-0.92	Salivary gland	2R:-:50949780-50949757;2R:-:50949780-50949757	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_98771	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	-	105	5.90E-10	1	2271.059	0.49	Male reproductive organs	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_99038	MMPIVYTPTVGLACQK	AGAP004159-PA,AGAP004159-PB	M1(Oxidation), M2(Oxidation), C14(Carbamidomethyl)	46	0.000399972	1	1840.910	5.31	Male reproductive organs	2R:-:50949882-50949835;2R:-:50949882-50949835	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_101019	LISEDVEK	AGAP004159-PA,AGAP004159-PB	-	42	0.00132224	1	932.493	-0.36	Head	2R:-:50949906-50949883;2R:-:50949906-50949883	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_101458	ILGLGDLGACGMGIPVGK	AGAP004159-PA,AGAP004159-PB	C10(Carbamidomethyl), M12(Oxidation),C10(Carbamidomethyl)	78	1.59E-07	2	1727.927	4.94	Visceras	2R:-:50949705-50949652;2R:-:50949705-50949652	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_101848	YLYLVDLQDRNER	AGAP004159-PA,AGAP004159-PB	-	72	7.15E-07	1	1696.867	0.96	Head	2R:-:50949957-50949919;2R:-:50949957-50949919	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_101948	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	N16(Deamidated),N14(Deamidated),Q8(Deamidated)	125	4.97E-12	1	2271.060	1.13	Head	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_104714	EYDEFIDEFMQAVVKR	AGAP004159-PA,AGAP004159-PB	M10(Oxidation)	68	2.23E-06	1	2034.952	1.85	Malpighian tubule	2R:-:50949513-50949466;2R:-:50949513-50949466	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_105758	ILGLGDLGACGMGIPVGK	AGAP004159-PA,AGAP004159-PB	C10(Carbamidomethyl), M12(Oxidation)	49	0.00014037	2	1743.918	2.7	Salivary gland	2R:-:50949705-50949652;2R:-:50949705-50949652	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_106389	GLASTYPEPEDKK	AGAP004159-PA,AGAP004159-PB	-	61	1.59E-05	2	1434.707	-2.93	Male reproductive organs	2R:-:50948512-50948806,50948265-50948391;2R:-:50948512-50948806,50948265-50948391	exon=> In CDS Exon 3 and 2 of transcript AGAP004159-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP004159-PB
JHU_Ag_108581	FGLIYR	AGAP004159-PA,AGAP004159-PB	-	42	0.000290047	2	768.442	2.04	Malpighian tubule	2R:-:50949834-50949817;2R:-:50949834-50949817	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_109707	YQEDLNK	AGAP004159-PA,AGAP004159-PB	-	42	0.000771542	1	909.431	-0.54	Malpighian tubule	2R:-:50949978-50949958;2R:-:50949978-50949958	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_112031	CIFASGSPFPPVQYGGK	AGAP004159-PA,AGAP004159-PB	C1(Carbamidomethyl)	63	8.01E-06	1	1811.881	1.48	Malpighian tubule	2R:-:50948800-50948750;2R:-:50948800-50948750	exon=> In CDS Exon 2 of transcript AGAP004159-PA;exon=> In CDS Exon 3 of transcript AGAP004159-PB
JHU_Ag_112417	SQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C9(Carbamidomethyl),"Q2(Deamidated),C9(Carbamidomethyl)"	72	7.66E-07	2	1291.597	1.44	Head	2R:-:50950023-50949994;2R:-:50950023-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_113110	NFADVVK	AGAP004159-PA,AGAP004159-PB	-	42	0.000938216	1	792.426	0.82	Pupa	2R:-:50949078-50949058;2R:-:50949078-50949058	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_113488	GLFVTINDR	AGAP004159-PA,AGAP004159-PB	-	44	0.000446484	1	1034.564	1.12	Malpighian tubule	2R:-:50949807-50949781;2R:-:50949807-50949781	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_115960	YGQNTLIQFEDFGNHNAFR	AGAP004159-PA,AGAP004159-PB	N4(Deamidated),N14(Deamidated),Q8(Deamidated),Q3(Deamidated),N16(Deamidated)	136	4.20E-13	1	2271.060	0.89	Malpighian tubule	2R:-:50949465-50949409;2R:-:50949465-50949409	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_116475	YLYLVDLQDR	AGAP004159-PA,AGAP004159-PB	-	54	4.21E-05	1	1297.680	0.88	Malpighian tubule	2R:-:50949957-50949928;2R:-:50949957-50949928	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_116534	DLLEDPLYIGLR	AGAP004159-PA,AGAP004159-PB	-	51	9.13E-05	1	1416.778	3.27	Ovary	2R:-:50949570-50949535;2R:-:50949570-50949535	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_116773	SQEEQLELCR	AGAP004159-PA,AGAP004159-PB	C9(Carbamidomethyl)	40	0.001072057	2	1291.592	-2.15	Salivary gland	2R:-:50950023-50949994;2R:-:50950023-50949994	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_117160	MMPIVYTPTVGLACQK	AGAP004159-PA,AGAP004159-PB	M1(Oxidation),M2(Oxidation),C14(Carbamidomethyl),C14(Carbamidomethyl)	105	5.57E-10	1	1808.914	1.68	Malpighian tubule	2R:-:50949882-50949835;2R:-:50949882-50949835	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB
JHU_Ag_117744	FGLIYR	AGAP004159-PA,AGAP004159-PB	-	36	0.001024397	2	768.442	2.2	Ovary	2R:-:50949834-50949817;2R:-:50949834-50949817	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB

JHU_Ag_10920	AIVVTDGER	AGAP004159-PA,AGAP004159-PB,AGAP000184-PA,AGAP000184-PB	-	40	0.002001864	1	959.517	1.06	Ovary	2R:-:50949732-50949706;2R:-:50949732-50949706;X:+:3020072-3020098;X:+:3020072-3020098	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB;exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_35612	AIVVTDGER	AGAP004159-PA,AGAP004159-PB,AGAP000184-PA,AGAP000184-PB	-	45	0.000614989	1	959.514	-1.74	Salivary gland	2R:-:50949732-50949706;2R:-:50949732-50949706;X:+:3020072-3020098;X:+:3020072-3020098	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB;exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_65638	AIVVTDGER	AGAP004159-PA,AGAP004159-PB,AGAP000184-PA,AGAP000184-PB	-	46	0.000464314	1	959.515	-0.34	Head	2R:-:50949732-50949706;2R:-:50949732-50949706;X:+:3020072-3020098;X:+:3020072-3020098	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB;exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_75404	AIVVTDGER	AGAP004159-PA,AGAP004159-PB,AGAP000184-PA,AGAP000184-PB	-	42	0.001281775	1	959.515	-0.27	Malpighian tubule	2R:-:50949732-50949706;2R:-:50949732-50949706;X:+:3020072-3020098;X:+:3020072-3020098	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB;exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_76377	AIVVTDGER	AGAP004159-PA,AGAP004159-PB,AGAP000184-PA,AGAP000184-PB	-	38	0.003489891	2	959.515	-0.91	Visceras	2R:-:50949732-50949706;2R:-:50949732-50949706;X:+:3020072-3020098;X:+:3020072-3020098	exon=> In CDS Exon 1 of transcript AGAP004159-PA;exon=> In CDS Exon 2 of transcript AGAP004159-PB;exon=> In CDS Exon 3 of transcript AGAP000184-PA;exon=> In CDS Exon 3 of transcript AGAP000184-PB
JHU_Ag_6327	SYSSSFESQSIYSDSK	AGAP004161-PA	-	122	4.81E-12	1	1801.781	2.7	Malpighian tubule	2R:+:50966678-50966725	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_12880	FFNTYLK	AGAP004161-PA	-	43	0.00077348	2	932.489	1.32	Visceras	2R:+:50966525-50966545	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_15072	SPGYHYNPVSK	AGAP004161-PA	-	89	1.84E-08	1	1248.604	2.91	Malpighian tubule	2R:+:50966747-50966779	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_18167	SPGYHYNPVSKDTYGVTPR	AGAP004161-PA	-	100	1.81E-09	1	2138.032	0.88	Malpighian tubule	2R:+:50966747-50966803	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_27265	VKSPGYHYNPVSK	AGAP004161-PA	-	38	0.002596027	1	1475.769	3.14	Malpighian tubule	2R:+:50966741-50966779	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_28149	SYSSSFESQSIYSDSKFACER	AGAP004161-PA	C19(Carbamidomethyl)	113	3.15E-11	1	2465.061	2.01	Malpighian tubule	2R:+:50966678-50966740	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_34370	VKSPGYHYNPVSK	AGAP004161-PA	-	88	2.54E-08	1	1475.765	0.78	Visceras	2R:+:50966741-50966779	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_39286	SPGYHYNPVSK	AGAP004161-PA	-	78	2.17E-07	1	1248.601	0.17	Visceras	2R:+:50966747-50966779	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_44081	SHLEMIGSYEPISK	AGAP004161-PA	M5(Oxidation)	93	9.02E-09	1	1606.783	3.07	Malpighian tubule	2R:+:50966474-50966515	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_47509	RSYSSSFESQSIYSDSK	AGAP004161-PA	-	106	2.05E-10	1	1957.875	-1.22	Head	2R:+:50966675-50966725	exon=> In CDS Exon 2 of transcript AGAP004161-PA

JHU_Ag_55496	SYSSSFESQSIYSDSK	AGAP004161-PA	-	122	4.82E-12	1	1801.779	1.41	Head	2R:+:50966678-50966725	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_56870	SHLEMIGSYEPISKK	AGAP004161-PA	M5(Oxidation)	45	0.000629755	1	1734.877	2.45	Malpighian tubule	2R:+:50966474-50966518	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_61927	SHLEMIGSYEPISK	AGAP004161-PA	M5(Oxidation)	123	7.84E-12	1	1606.780	1.25	Visceras	2R:+:50966474-50966515	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_63261	SPGYHYNPVSK	AGAP004161-PA	-	78	2.18E-07	1	1248.598	-1.88	Head	2R:+:50966747-50966779	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_64143	SHLEMIGSYEPISK	AGAP004161-PA	M5(Oxidation)	107	3.67E-10	1	1606.778	0.18	Head	2R:+:50966474-50966515	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_66489	SYSSSFESQSIYSDSK	AGAP004161-PA	-	123	3.29E-12	2	1801.781	2.77	Visceras	2R:+:50966678-50966725	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_68485	GSQDIMAK	AGAP004161-PA	M6(Oxidation)	57	2.72E-05	1	865.407	-1.5	Visceras	2R:+:50966555-50966555,50966646-50966668	exon=> In CDS Exon 1 and 2 of transcript AGAP004161-PA
JHU_Ag_74199	SHLEMIGSYEPISK	AGAP004161-PA	M5(Oxidation)	59	2.17E-05	1	1590.793	5.97	Midgut	2R:+:50966474-50966515	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_81119	DTYGVTPR	AGAP004161-PA	-	40	0.002132065	1	908.446	-0.94	Head	2R:+:50966780-50966803	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_88844	SPGYHYNPVSKDTYGVTPR	AGAP004161-PA	-	114	6.75E-11	1	2138.036	2.77	Visceras	2R:+:50966747-50966803	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_91324	RSYSSSFESQSIYSDSK	AGAP004161-PA	-	76	2.23E-07	1	1957.881	2.02	Malpighian tubule	2R:+:50966675-50966725	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_99675	FFNTYLK	AGAP004161-PA	-	43	0.000828798	2	932.489	1.32	Malpighian tubule	2R:+:50966525-50966545	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_101858	SHLEMIGSYEPISKK	AGAP004161-PA	M5(Oxidation)	105	5.19E-10	1	1718.882	2.18	Visceras	2R:+:50966474-50966518	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_103974	GSQDIMAK	AGAP004161-PA	M6(Oxidation)	51	0.000112154	2	865.407	-1.21	Head	2R:+:50966555-50966555,50966646-50966668	exon=> In CDS Exon 1 and 2 of transcript AGAP004161-PA
JHU_Ag_108440	FFNTYLK	AGAP004161-PA	-	36	0.004153832	1	932.488	0.74	Head	2R:+:50966525-50966545	exon=> In CDS Exon 1 of transcript AGAP004161-PA
JHU_Ag_109087	DTYGVTPR	AGAP004161-PA	-	46	0.000417521	1	908.448	0.67	Visceras	2R:+:50966780-50966803	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_109592	SYSSSFESQSIYSDSKFACER	AGAP004161-PA	C19(Carbamidomethyl)	163	2.98E-16	1	2465.062	2.27	Visceras	2R:+:50966678-50966740	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_112338	RSYSSSFESQSIYSDSK	AGAP004161-PA	-	118	1.27E-11	1	1957.879	1.03	Visceras	2R:+:50966675-50966725	exon=> In CDS Exon 2 of transcript AGAP004161-PA
JHU_Ag_48130	EINETGAETLAGLFR	AGAP004163-PB	-	105	4.57E-10	1	1620.826	2.22	Head	2R:-:50990174-50990130	exon=> In CDS Exon 3 of transcript AGAP004163-PB
JHU_Ag_53114	VVDYYFPTIQLGAHLDQTK	AGAP004163-PB	-	80	1.36E-07	1	2208.133	-0.23	Head	2R:-:50990536-50990663,50990112-50990385	exon=> In CDS Exon 3 and 2 of transcript AGAP004163-PB
JHU_Ag_64009	LHFDLGTLYQR	AGAP004163-PB	-	75	4.42E-07	1	1362.719	1.95	Head	2R:-:50990569-50990537	exon=> In CDS Exon 2 of transcript AGAP004163-PB
JHU_Ag_72203	DELQGHGYK	AGAP004163-PB	-	46	0.000203349	1	1046.490	0.21	Head	2R:-:50990201-50990175	exon=> In CDS Exon 3 of transcript AGAP004163-PB
JHU_Ag_87231	VILAYLVSAYGK	AGAP004163-PB	-	62	2.67E-06	2	1296.757	0.78	Head	2R:-:50990659-50990624	exon=> In CDS Exon 2 of transcript AGAP004163-PB
JHU_Ag_1840	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	126	3.32E-12	1	1772.920	1.41	Visceras	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_3983	AICTYLAEKYGK	AGAP004164-PA	C3(Carbamidomethyl)	47	0.000331153	2	1416.723	2.73	Malpighian tubule	2R:+:50999531-50999566	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_7120	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl)	146	3.50E-14	1	2467.221	0.79	Head	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA

JHU_Ag_10351	MYFDMGTLYQR	AGAP004164-PA	-	85	2.48E-08	1	1424.633	-0.3	Salivary gland	2R:+:50999621-50999653	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_10868	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	152	8.55E-15	1	1772.922	2.44	Malpighian tubule	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_11447	DAVGFLNSFLDGHK	AGAP004164-PA	-	40	0.002183716	1	1519.753	-0.55	Ovary	2R:+:50999726-50999767	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_11762	MYFDMGTLYQR	AGAP004164-PA	M5(Oxidation),"M1(Oxidation), M5(Oxidation)",M1(Oxidation)	80	6.68E-08	1	1440.628	-0.41	Midgut	2R:+:50999621-50999653	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_15037	DAVGFLNSFLDGHK	AGAP004164-PA	-	74	7.81E-07	1	1519.762	5.16	Midgut	2R:+:50999726-50999767	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_16965	QPANPENEQK	AGAP004164-PA	-	56	3.48E-05	1	1154.544	0.37	Malpighian tubule	2R:+:50999690-50999719	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_18901	FADYYYPQIFAK	AGAP004164-PA	-	40	0.00155544	1	1525.740	2.79	Midgut	2R:+:50999654-50999689	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_19817	DAVGFLNSFLDGHK	AGAP004164-PA	-	63	9.65E-06	2	1519.751	-1.99	Head	2R:+:50999726-50999767	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_20495	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl), N13(Deamidated)	60	1.62E-05	1	2468.208	2.27	Male reproductive organs	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_20991	YQHVAAWYENIRK	AGAP004164-PA	-	72	9.14E-07	1	1677.856	3.57	Malpighian tubule	2R:+:50999858-50999896	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_24148	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl)	58	2.15E-05	3	2467.234	6.06	Larva	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_24600	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	106	3.47E-10	1	2467.228	3.68	Pupa	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_26807	FADYYYPQIFAK	AGAP004164-PA	-	47	0.00030955	2	1525.737	0.74	Visceras	2R:+:50999654-50999689	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_29522	FADYYYPQIFAK	AGAP004164-PA	-	52	8.95E-05	2	1525.737	0.74	Malpighian tubule	2R:+:50999654-50999689	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_30811	EAPGAAINQAGIEEFK	AGAP004164-PA	-	100	1.47E-09	2	1644.825	1.15	Malpighian tubule	2R:+:50999897-50999944	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_31850	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	126	3.91E-12	1	2467.221	0.79	Salivary gland	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_34776	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	56	3.01E-05	2	1772.928	5.81	Ovary	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_34809	YQHVAAWYENIR	AGAP004164-PA	-	42	0.001008613	1	1549.758	1.89	Salivary gland	2R:+:50999858-50999893	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_34891	MKDAVGFLNSFLDGHK	AGAP004164-PA	-	57	3.85E-05	3	1778.889	-0.18	Midgut	2R:+:50999720-50999767	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_37043	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	111	1.05E-10	1	1772.919	0.51	Midgut	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_37078	AICTYLAEK	AGAP004164-PA	C3(Carbamidomethyl)	48	0.000153597	1	1068.539	0.03	Salivary gland	2R:+:50999531-50999557	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_41535	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	114	5.29E-11	1	1772.921	1.96	Male reproductive organs	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_43317	YQHVAAWYENIR	AGAP004164-PA	-	80	1.74E-07	1	1549.759	2.61	Malpighian tubule	2R:+:50999858-50999893	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_44649	YQHVAAWYENIRK	AGAP004164-PA	-	59	1.81E-05	2	1677.849	-0.28	Head	2R:+:50999858-50999896	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_45514	FADYYYPQIFAK	AGAP004164-PA	-	61	1.31E-05	1	1525.737	0.26	Head	2R:+:50999654-50999689	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_45636	YQHVAAWYENIR	AGAP004164-PA	-	62	1.07E-05	1	1549.751	-2.2	Head	2R:+:50999858-50999893	exon=> In CDS Exon 2 of transcript AGAP004164-PA

JHU_Ag_48284	EAPGAAINQAGIEEFK	AGAP004164-PA	-	71	1.02E-06	2	1644.826	2.18	Visceras	2R:+:50999897-50999944	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_48550	EAPGAAINQAGIEEFK	AGAP004164-PA	-	131	1.29E-12	1	1644.825	1.59	Head	2R:+:50999897-50999944	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_53617	AICTYLAEK	AGAP004164-PA	C3(Carbamidomethyl)	59	1.47E-05	1	1068.542	2.31	Malpighian tubule	2R:+:50999531-50999557	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_54729	YQHVAAWYENIR	AGAP004164-PA	-	67	3.58E-06	1	1549.752	-2.04	Midgut	2R:+:50999858-50999893	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_54846	MYFDMGTLYQR	AGAP004164-PA	M5(Oxidation),"M1(Oxidation), M5(Oxidation)",M1(Oxidation)	92	4.40E-09	1	1424.640	4.24	Malpighian tubule	2R:+:50999621-50999653	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_58774	AICTYLAEK	AGAP004164-PA	C3(Carbamidomethyl)	36	0.002860117	2	1068.540	0.26	Midgut	2R:+:50999531-50999557	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_58876	DAVGFLNSFLDGHK	AGAP004164-PA	-	87	3.83E-08	1	1519.757	2.19	Malpighian tubule	2R:+:50999726-50999767	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_62464	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), N13(Deamidated)"	151	1.28E-14	1	2467.222	1.46	Malpighian tubule	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_62571	FADYYYPQIFAK	AGAP004164-PA	-	51	0.000120152	2	1525.737	0.82	Salivary gland	2R:+:50999654-50999689	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_64520	AICTYLAEK	AGAP004164-PA	C3(Carbamidomethyl)	56	2.45E-05	1	1068.538	-1.46	Ovary	2R:+:50999531-50999557	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_66127	YQHVAAWYENIRK	AGAP004164-PA	-	45	0.000430654	1	1677.852	1.38	Ovary	2R:+:50999858-50999896	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_69031	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	140	1.56E-13	1	2467.226	3.09	Ovary	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_73657	YQHVAAWYENIR	AGAP004164-PA	-	49	0.000241137	1	1549.753	-0.94	Male reproductive organs	2R:+:50999858-50999893	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_73896	YQHVAAWYENIRK	AGAP004164-PA	-	79	1.75E-07	1	1677.849	-0.57	Midgut	2R:+:50999858-50999896	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_75763	YQHVAAWYENIR	AGAP004164-PA	-	63	9.31E-06	1	1549.758	1.98	Visceras	2R:+:50999858-50999893	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_76519	YQHVAAWYENIRK	AGAP004164-PA	-	61	1.29E-05	1	1677.850	0.18	Visceras	2R:+:50999858-50999896	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_81272	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	79	1.69E-07	1	1772.914	-1.97	Salivary gland	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_91252	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	140	1.29E-13	1	1772.915	-1.35	Head	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_96696	MYFDMGTLYQR	AGAP004164-PA	M1(Oxidation), M5(Oxidation)	51	4.92E-05	1	1456.623	-0.52	Ovary	2R:+:50999621-50999653	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_96943	MYFDMGTLYQR	AGAP004164-PA	M5(Oxidation),"M1(Oxidation), M5(Oxidation)"	39	0.001192567	2	1440.647	12.98	Male reproductive organs	2R:+:50999621-50999653	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_97678	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	141	1.18E-13	1	2467.224	2.05	Visceras	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_99115	EAPGAAINQAGIEEFK	AGAP004164-PA	-	108	2.22E-10	2	1644.824	0.85	Male reproductive organs	2R:+:50999897-50999944	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_102758	YQHVAAWYENIRK	AGAP004164-PA	-	42	0.000804778	1	1677.853	1.81	Salivary gland	2R:+:50999858-50999896	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_103896	AICTYLAEK	AGAP004164-PA	C3(Carbamidomethyl)	59	1.39E-05	1	1068.541	1.17	Visceras	2R:+:50999531-50999557	exon=> In CDS Exon 2 of transcript AGAP004164-PA

JHU_Ag_105460	INPQHCIPTLVDNGFALWESR	AGAP004164-PA	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	133	8.16E-13	1	2467.230	4.35	Midgut	2R:+:50999468-50999530	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_108763	EAPGAAINQAGIEEFKK	AGAP004164-PA	-	66	3.96E-06	2	1772.918	-0.04	Pupa	2R:+:50999897-50999947	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_109561	YQHVAAWYENIRK	AGAP004164-PA	-	85	4.52E-08	1	1677.850	-0.04	Male reproductive organs	2R:+:50999858-50999896	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_110552	YQHVAAWYENIR	AGAP004164-PA	-	36	0.004858 62	2	1549.764	5.92	Ovary	2R:+:50999858-50999893	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_113711	FADYYYPQIFAK	AGAP004164-PA	-	50	0.000148 636	2	1525.737	0.42	Male reproductive organs	2R:+:50999654-50999689	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_115696	AICTYLAEK	AGAP004164-PA	C3(Carbamidomethyl)	62	6.27E-06	1	1068.539	0.03	Male reproductive organs	2R:+:50999531-50999557	exon=> In CDS Exon 2 of transcript AGAP004164-PA
JHU_Ag_69603	DDKLYPK	AGAP004164-PA,AGAP004164-PB	-	46	0.000387 937	1	878.462	-0.28	Male reproductive organs	2R:+:50999567-50999587;2R:+:51000937-51000957	exon=> In CDS Exon 2 of transcript AGAP004164-PA;exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_33223	RAVVNQR	AGAP004164-PA,AGAP004164-PB,AGAP004378-PA	-	34	0.004864 951	2	842.497	1.5	Malpighian tubule	2R:+:50999600-50999620;2R:+:51000970-51000990;2R:+:55502300-55502320	exon=> In CDS Exon 2 of transcript AGAP004164-PA;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_62077	RAVVNQR	AGAP004164-PA,AGAP004164-PB,AGAP004378-PA	-	34	0.002486 245	1	842.491	-5.6	Head	2R:+:50999600-50999620;2R:+:51000970-51000990;2R:+:55502300-55502320	exon=> In CDS Exon 2 of transcript AGAP004164-PA;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_12340	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	36	0.002006 738	1	1634.699	0.5	Ovary	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_14031	GEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M4(Oxidation)	50	0.000129 039	1	1215.616	-2.66	Head	2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_18035	AVQMTAAAVGVELNLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M4(Oxidation)	48	0.000178 712	2	1630.886	1.56	Pupa	2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_25408	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	65	2.48E-06	2	1634.703	3.34	Visceras	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD

JHU_Ag_25427	LTDLMKGEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M5(Oxidation), M10(Oxidation)	63	6.60E-06	1	1948.985	-0.87	Ovary	2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_35794	AVQMTAAAVGVELNLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M4(Oxidation)	51	0.000101761	1	1630.880	-2.23	Head	2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_37825	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), C12(Carbamidomethyl)	33	0.003696697	2	1618.707	2.42	Malpighian tubule	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_45392	DFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	C11(Carbamidomethyl)	37	0.001882729	1	1445.653	0.54	Malpighian tubule	2R:+:50997520-50997555;2R:+:50997520-50997555;2R:+:50997520-50997555;2R:+:50997520-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_45771	LTDLMKGEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	-	65	5.69E-06	1	1916.999	0.94	Malpighian tubule	2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_66623	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	79	9.52E-08	2	1634.699	0.65	Male reproductive organs	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_76766	LTDLMK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	-	34	0.003984983	1	720.396	-0.39	Salivary gland	2R:+:50997604-50997621;2R:+:50997604-50997621;2R:+:50997604-50997621;2R:+:50997604-50997621	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_78581	GEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M4(Oxidation)	55	4.69E-05	1	1215.621	1.66	Malpighian tubule	2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD

JHU_Ag_79365	GEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	-	42	0.000818872	1	1215.618	-0.65	Visceras	2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_82126	LTDLMKGEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M5(Oxidation), M10(Oxidation)	49	0.000171934	1	1948.986	-0.49	Male reproductive organs	2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_83387	AVQMTAAAVGVELNLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M4(Oxidation)	120	7.51E-12	2	1614.893	2.96	Malpighian tubule	2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_83737	GEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	-	39	0.001648982	1	1215.618	-0.55	Salivary gland	2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_86853	AVQMTAAAVGVELNLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M4(Oxidation)	98	1.35E-09	1	1614.890	1.22	Salivary gland	2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603;2R:+:50997556-50997603	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_92218	LTDLMKGEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M5(Oxidation)	45	0.000431704	1	1932.991	-0.48	Salivary gland	2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_96331	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	56	1.98E-05	2	1634.697	-0.69	Midgut	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_101579	LTDLMKGEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M5(Oxidation), M10(Oxidation)	37	0.002768338	1	1948.994	3.58	Larva	2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651;2R:+:50997604-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD

JHU_Ag_105466	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	64	3.31E-06	2	1634.706	4.76	Malpighian tubule	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_106267	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), C12(Carbamidomethyl)	40	0.000846567	1	1618.705	1.14	Salivary gland	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_108457	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	39	0.000882045	1	1634.699	0.8	Head	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_113057	MDFYYLPGSAPCR	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	79	9.71E-08	1	1634.702	2.52	Salivary gland	2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555;2R:+:50997517-50997555	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_116022	GEHMKPEFLK	AGAP004164-PA,AGAP004164-PC,AGAP004164-PB,AGAP004164-PD	M4(Oxidation)	35	0.004783287	1	1231.613	-0.81	Pupa	2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651;2R:+:50997622-50997651	exon=> In CDS Exon 1 of transcript AGAP004164-PA;exon=> In CDS Exon 1 of transcript AGAP004164-PC;exon=> In CDS Exon 1 of transcript AGAP004164-PB;exon=> In CDS Exon 1 of transcript AGAP004164-PD
JHU_Ag_1096	AIQIYLAEK	AGAP004164-PB	-	38	0.000923414	2	1048.609	5.4	Pupa	2R:+:51000901-51000927	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_5159	AIQIYLAEK	AGAP004164-PB	-	62	4.48E-06	1	1048.604	0.04	Male reproductive organs	2R:+:51000901-51000927	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_9885	FADYHYPQIFAK	AGAP004164-PB	-	39	0.001844712	1	1499.742	6.87	Midgut	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_15880	FADYHYPQIFAK	AGAP004164-PB	-	74	6.09E-07	1	1499.727	-2.98	Head	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_16518	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl),"C6(Carbamidomethyl), N13(Deamidated)"	151	1.28E-14	1	2467.222	1.46	Malpighian tubule	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_16701	ANAPGYALNQAGADEFKAK	AGAP004164-PB	-	54	7.25E-05	1	1935.956	-0.12	Male reproductive organs	2R:+:51001264-51001320	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_17701	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	126	3.91E-12	1	2467.221	0.79	Salivary gland	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_25962	ANAPGYALNQAGADEFK	AGAP004164-PB	-	44	0.000803658	2	1736.826	1.04	Midgut	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_29174	ANAPGYALNQAGADEFK	AGAP004164-PB	-	57	3.16E-05	2	1736.829	2.94	Larva	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB

JHU_Ag_30701	ANAPGYALNQAGADEFK	AGAP004164-PB	-	119	2.24E-11	1	1736.824	-0.01	Salivary gland	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_33542	AIQIYLAEK	AGAP004164-PB	-	63	4.16E-06	2	1048.604	0.04	Salivary gland	2R:+:51000901-51000927	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_36899	FADYHYPQIFAK	AGAP004164-PB	-	67	2.90E-06	1	1499.734	1.71	Salivary gland	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_46089	CKANAPGYALNQAGADEFK	AGAP004164-PB	C1(Carbamidomethyl)	82	8.48E-08	1	2024.953	1.75	Malpighian tubule	2R:+:51001258-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_51422	AIQIYLAEKYGK	AGAP004164-PB	-	34	0.001975173	2	1396.787	2.78	Malpighian tubule	2R:+:51000901-51000936	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_59833	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl)	133	7.94E-13	1	2467.219	0.27	Midgut	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_65636	AIQIYLAEK	AGAP004164-PB	-	39	0.000743625	1	1048.606	2.44	Malpighian tubule	2R:+:51000901-51000927	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_65859	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	106	3.47E-10	1	2467.228	3.68	Pupa	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_70764	ANAPGYALNQAGADEFKAK	AGAP004164-PB	-	41	0.001436512	1	1935.959	1.68	Salivary gland	2R:+:51001264-51001320	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_73673	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl)	146	3.50E-14	1	2467.221	0.79	Head	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_79494	ANAPGYALNQAGADEFK	AGAP004164-PB	-	122	1.13E-11	1	1736.827	1.53	Head	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_81098	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	140	1.56E-13	1	2467.226	3.09	Ovary	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_82922	ANAPGYALNQAGADEFK	AGAP004164-PB	Q10(Deamidated),N9(Deamidated)	109	2.09E-10	1	1736.825	0.55	Male reproductive organs	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_84764	ANAPGYALNQAGADEFK	AGAP004164-PB	-	117	3.82E-11	1	1736.829	3.08	Malpighian tubule	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_84803	ANAPGYALNQAGADEFK	AGAP004164-PB	-	121	1.53E-11	1	1736.826	1.18	Ovary	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_84986	AIQIYLAEK	AGAP004164-PB	-	52	4.38E-05	1	1048.605	0.98	Ovary	2R:+:51000901-51000927	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_88162	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl)	58	2.15E-05	3	2467.234	6.06	Larva	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_90870	FADYHYPQIFAK	AGAP004164-PB	-	80	1.40E-07	1	1499.734	1.5	Ovary	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_96060	ANAPGYALNQAGADEFK	AGAP004164-PB	-	107	3.16E-10	1	1736.829	2.8	Pupa	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_98727	FADYHYPQIFAK	AGAP004164-PB	-	84	5.55E-08	1	1499.733	0.76	Male reproductive organs	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_101913	ANAPGYALNQAGADEFK	AGAP004164-PB	-	93	9.85E-09	1	1736.825	0.69	Visceras	2R:+:51001264-51001314	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_104268	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl), N13(Deamidated)	60	1.62E-05	1	2468.208	2.27	Male reproductive organs	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_108262	FADYHYPQIFAK	AGAP004164-PB	-	69	1.70E-06	1	1499.737	3.61	Pupa	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_109167	ANAPGYALNQAGADEFKAK	AGAP004164-PB	-	129	2.04E-12	1	1935.955	-0.65	Malpighian tubule	2R:+:51001264-51001320	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_114920	LNPQHCIPTLVDNGFALWESR	AGAP004164-PB	C6(Carbamidomethyl), N13(Deamidated),C6(Carbamidomethyl)	141	1.18E-13	1	2467.224	2.05	Visceras	2R:+:51000838-51000900	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_115339	AIQIYLAEK	AGAP004164-PB	-	39	0.001037675	1	1048.604	0.58	Visceras	2R:+:51000901-51000927	exon=> In CDS Exon 2 of transcript AGAP004164-PB

JHU_Ag_115903	FADYHYPQIFAK	AGAP004164-PB	-	80	1.29E-07	1	1499.734	1.25	Visceras	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_117776	FADYHYPQIFAK	AGAP004164-PB	-	80	1.41E-07	1	1499.735	2.07	Malpighian tubule	2R:+:51001024-51001059	exon=> In CDS Exon 2 of transcript AGAP004164-PB
JHU_Ag_9706	IGEALAFLDTFLEGER	AGAP004164-PC	-	45	0.000426994	2	1780.917	3.21	Pupa	2R:+:51000453-51000500	exon=> In CDS Exon 2 of transcript AGAP004164-PC
JHU_Ag_77186	SWAEAARPFFDK	AGAP004164-PC	-	42	0.00087722	1	1424.696	0.2	Head	2R:+:51000660-51000695	exon=> In CDS Exon 2 of transcript AGAP004164-PC
JHU_Ag_82578	FGDYYYPQIFEGAPANETNFAK	AGAP004164-PC	-	64	5.25E-06	2	2542.163	2.72	Visceras	2R:+:51000387-51000452	exon=> In CDS Exon 2 of transcript AGAP004164-PC
JHU_Ag_89887	FGDYYYPQIFEGAPANETNFAK	AGAP004164-PC	-	58	1.73E-05	2	2542.169	4.84	Head	2R:+:51000387-51000452	exon=> In CDS Exon 2 of transcript AGAP004164-PC
JHU_Ag_804	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	89	2.18E-08	1	1422.672	-0.15	Ovary	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_1372	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	100	1.65E-09	1	1422.676	2.34	Salivary gland	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_6489	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	61	1.37E-05	2	1422.673	0.71	Pupa	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_16000	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	-	90	1.89E-08	1	1406.682	3.18	Visceras	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_36651	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	35	0.005590814	2	1422.678	3.88	Larva	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_45365	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	93	7.97E-09	1	1422.678	4.06	Malpighian tubule	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_66451	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	81	1.34E-07	2	1406.677	-0.55	Head	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_89083	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	86	3.83E-08	1	1422.673	0.28	Male reproductive organs	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA

JHU_Ag_100192	LYFDMGTLYQR	AGAP004164-PC,AGAP004164-PB,AGAP004378-PA	M5(Oxidation)	86	3.83E-08	1	1422.670	-1.52	Midgut	2R:+:51000354-51000386;2R:+:51000991-51001023;2R:+:55502321-55502353	exon=> In CDS Exon 2 of transcript AGAP004164-PC;exon=> In CDS Exon 2 of transcript AGAP004164-PB;exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_41539	QIFIK	AGAP004170-PA	Q1(Deamidated)	31	0.002148612	1	649.392	0.47	Pupa	2R:+:51214520-51214534	exon=> In CDS Exon 6 of transcript AGAP004170-PA
JHU_Ag_27861	LFFDIGTLYK	AGAP004173-PA,AGAP004382-PA,AGAP012702-PA	-	40	0.001455765	2	1216.660	-1.39	Visceras	2R:+:51218022-51218051;2R:-:55509713-55509684;UNKN:-:24209791-24209762	exon=> In CDS Exon 2 of transcript AGAP004173-PA;exon=> In CDS Exon 2 of transcript AGAP004382-PA;exon=> In CDS Exon 2 of transcript AGAP012702-PA
JHU_Ag_43949	LFFDIGTLYK	AGAP004173-PA,AGAP004382-PA,AGAP012702-PA	-	67	2.96E-06	2	1216.661	-0.08	Midgut	2R:+:51218022-51218051;2R:-:55509713-55509684;UNKN:-:24209791-24209762	exon=> In CDS Exon 2 of transcript AGAP004173-PA;exon=> In CDS Exon 2 of transcript AGAP004382-PA;exon=> In CDS Exon 2 of transcript AGAP012702-PA
JHU_Ag_80302	LFFDIGTLYK	AGAP004173-PA,AGAP004382-PA,AGAP012702-PA	-	78	2.05E-07	1	1216.662	0.42	Male reproductive organs	2R:+:51218022-51218051;2R:-:55509713-55509684;UNKN:-:24209791-24209762	exon=> In CDS Exon 2 of transcript AGAP004173-PA;exon=> In CDS Exon 2 of transcript AGAP004382-PA;exon=> In CDS Exon 2 of transcript AGAP012702-PA
JHU_Ag_99450	LFFDIGTLYK	AGAP004173-PA,AGAP004382-PA,AGAP012702-PA	-	90	1.55E-08	1	1216.664	1.92	Malpighian tubule	2R:+:51218022-51218051;2R:-:55509713-55509684;UNKN:-:24209791-24209762	exon=> In CDS Exon 2 of transcript AGAP004173-PA;exon=> In CDS Exon 2 of transcript AGAP004382-PA;exon=> In CDS Exon 2 of transcript AGAP012702-PA
JHU_Ag_76613	QLAVDK	AGAP004174-PA	-	40	0.001026411	1	673.387	-0.74	Male reproductive organs	2R:+:51224662-51224679	exon=> In CDS Exon 1 of transcript AGAP004174-PA
JHU_Ag_293	NGTTVVNELSR	AGAP004175-PA	N1(Deamidated)	38	0.002675124	2	1190.603	1.57	Head	2R:-:51225987-51225955	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_754	LYDINAFK	AGAP004175-PA	-	42	0.000572851	2	983.520	0.07	Salivary gland	2R:-:51226771-51226748	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_1078	YIEACQIR	AGAP004175-PA	C5(Carbamidomethyl)	48	0.000214961	2	1052.518	-1.08	Ovary	2R:-:51226032-51226009	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_5386	SAIHAERPLASR	AGAP004175-PA	-	54	3.53E-05	1	1307.717	-0.44	Malpighian tubule	2R:-:51225558-51225523	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_6889	DLVAPPGLLQLTPGVK	AGAP004175-PA	-	101	7.60E-11	1	1617.963	3.43	Ovary	2R:-:51225393-51225346	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_8614	DLVAPPGLLQLTPGVK	AGAP004175-PA	-	50	9.59E-06	1	1617.963	3.66	Head	2R:-:51225393-51225346	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_9172	LEEGVDGLGQLYDSPER	AGAP004175-PA	-	148	2.91E-14	1	1876.893	0.12	Ovary	2R:-:51225345-51225295	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_10499	THCDIVSDFSEQFVR	AGAP004175-PA	C3(Carbamidomethyl)	85	3.93E-08	1	1839.835	1.04	Midgut	2R:-:51225780-51225736	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_11066	GADICVVGR	AGAP004175-PA	C5(Carbamidomethyl)	65	5.16E-06	1	946.479	1.02	Malpighian tubule	2R:-:51225279-51225253	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_14864	FADIGNTVAQQYAGGLHR	AGAP004175-PA	-	137	3.39E-13	1	1917.961	2.12	Malpighian tubule	2R:-:51225681-51225628	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_16112	VGINSPVYFDLR	AGAP004175-PA	-	93	5.57E-09	1	1379.733	0.55	Ovary	2R:-:51226726-51226691	exon=> In CDS Exon 1 of transcript AGAP004175-PA

JHU_Ag_16532	VGINSPVYFDLR	AGAP004175-PA	-	72	6.84E-07	2	1379.735	2.59	Salivary gland	2R:-:51226726-51226691	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_19115	IADWADLVTVHALPGQGILK	AGAP004175-PA	-	123	1.79E-12	1	2117.185	4.44	Malpighian tubule	2R:-:51225627-51225568	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_27171	VGINSPVYFDLR	AGAP004175-PA	-	93	6.76E-09	2	1379.734	1.88	Visceras	2R:-:51226726-51226691	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_29658	DRLWEAYQER	AGAP004175-PA	-	55	4.91E-05	1	1365.657	1.93	Ovary	2R:-:51225204-51225175	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_30085	SAIHAERPLASR	AGAP004175-PA	-	73	4.26E-07	1	1307.718	0.05	Head	2R:-:51225558-51225523	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_31050	KFADIGNTVAQQYAGGLHR	AGAP004175-PA	-	90	1.37E-08	1	2046.056	2.14	Ovary	2R:-:51225684-51225628	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_31920	IADWADLVTVHALPGQGILK	AGAP004175-PA	-	133	1.92E-13	1	2117.184	3.8	Visceras	2R:-:51225627-51225568	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_34077	THCDIVSDFSEQFVR	AGAP004175-PA	C3(Carbamidomethyl)	110	1.24E-10	1	1839.838	2.5	Ovary	2R:-:51225780-51225736	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_40784	FADIGNTVAQQYAGGLHR	AGAP004175-PA	-	90	1.79E-08	1	1917.964	3.74	Head	2R:-:51225681-51225628	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_44003	NGTTVVNELSR	AGAP004175-PA	N1(Deamidated)	61	1.56E-05	1	1189.617	-0.37	Ovary	2R:-:51225987-51225955	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_48175	LEEGVDGLGQLYDSPER	AGAP004175-PA	-	138	3.05E-13	1	1876.899	3.7	Head	2R:-:51225345-51225295	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_48396	IADWADLVTVHALPGQGILK	AGAP004175-PA	-	80	3.63E-08	1	2117.181	2.68	Salivary gland	2R:-:51225627-51225568	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_51963	GVFLLAEMSTEGALTDEK	AGAP004175-PA	M8(Oxidation)	82	1.03E-07	1	1926.939	1.32	Ovary	2R:-:51225522-51225469	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_53648	LEEGVDGLGQLYDSPER	AGAP004175-PA	-	69	2.11E-06	2	1876.897	2.59	Visceras	2R:-:51225345-51225295	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_54551	THCDIVSDFSEQFVR	AGAP004175-PA	C3(Carbamidomethyl)	68	2.28E-06	2	1839.846	7.01	Head	2R:-:51225780-51225736	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_54915	KFADIGNTVAQQYAGGLHR	AGAP004175-PA	-	113	6.02E-11	1	2046.056	2.32	Malpighian tubule	2R:-:51225684-51225628	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_56750	IADWADLVTVHALPGQGILK	AGAP004175-PA	-	111	2.67E-11	1	2117.184	4.06	Ovary	2R:-:51225627-51225568	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_60885	VGINSPVYFDLR	AGAP004175-PA	-	89	1.35E-08	1	1379.732	-0.07	Malpighian tubule	2R:-:51226726-51226691	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_62561	YIEACQIR	AGAP004175-PA	C5(Carbamidomethyl)	53	5.88E-05	1	1052.520	0.54	Head	2R:-:51226032-51226009	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_68395	GVFLLAEMSTEGALTDEKYSSATMK	AGAP004175-PA	M8(Oxidation),"M8(Oxidation), M24(Oxidation)"	76	3.74E-07	1	2711.287	2.94	Ovary	2R:-:51225522-51225448	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_70821	LYDINAFK	AGAP004175-PA	-	55	2.83E-05	1	983.519	-0.92	Ovary	2R:-:51226771-51226748	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_74403	VGINSPVYFDLR	AGAP004175-PA	-	80	1.24E-07	2	1379.736	3.12	Head	2R:-:51226726-51226691	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_75861	YIEACQIR	AGAP004175-PA	C5(Carbamidomethyl)	35	0.003676391	2	1052.520	0.31	Visceras	2R:-:51226032-51226009	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_76929	GVFLLAEMSTEGALTDEKYSSATMK	AGAP004175-PA	M8(Oxidation),"M8(Oxidation), M24(Oxidation)",M24(Oxidation)	108	2.46E-10	1	2711.290	4.02	Malpighian tubule	2R:-:51225522-51225448	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_78978	LYDINAFKFGDFK	AGAP004175-PA	-	85	4.67E-08	1	1577.805	2.97	Ovary	2R:-:51226771-51226733	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_85265	GADICVVGR	AGAP004175-PA	C5(Carbamidomethyl)	62	1.12E-05	2	946.479	1.47	Ovary	2R:-:51225279-51225253	exon=> In CDS Exon 3 of transcript AGAP004175-PA

JHU_Ag_89456	VIVSHPDVMDTLADMLQEFIVDNK	AGAP004175-PA	M9(Oxidation), M15(Oxidation)	116	3.23E-11	1	2761.340	-0.84	Ovary	2R:-:51226690-51226810,51226291-51226529	exon=> In CDS Exon 2 and 1 of transcript AGAP004175-PA
JHU_Ag_89655	IADWADLVTVHALPGQGILK	AGAP004175-PA	-	35	0.001085123	1	2117.185	4.49	Head	2R:-:51225627-51225568	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_90462	LYDINAFKFGDFK	AGAP004175-PA	-	86	4.46E-08	1	1577.806	4.13	Malpighian tubule	2R:-:51226771-51226733	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_93816	LNTSGTHLCGVPYTALPVATLISIK	AGAP004175-PA	C9(Carbamidomethyl)	93	2.93E-09	1	2626.423	-1.71	Ovary	2R:-:51226528-51226454	exon=> In CDS Exon 2 of transcript AGAP004175-PA
JHU_Ag_95038	LEEGVDGLGQLYDSPER	AGAP004175-PA	-	123	8.40E-12	1	1876.896	1.88	Malpighian tubule	2R:-:51225345-51225295	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_95461	DLVAPPGLLQLTPGVK	AGAP004175-PA	-	67	2.13E-07	1	1617.960	1.47	Malpighian tubule	2R:-:51225393-51225346	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_97734	DLVAPPGLLQLTPGVK	AGAP004175-PA	-	68	1.47E-07	2	1617.962	2.83	Salivary gland	2R:-:51225393-51225346	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_100019	CLIIEDVVTSGSSILETVDDLR	AGAP004175-PA	C1(Carbamidomethyl)	79	1.47E-07	1	2434.234	-1.94	Ovary	2R:-:51226363-51226298	exon=> In CDS Exon 2 of transcript AGAP004175-PA
JHU_Ag_100340	SAIHAERPLASR	AGAP004175-PA	-	58	1.35E-05	1	1307.716	-1.35	Ovary	2R:-:51225558-51225523	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_101569	LEEGVDGLGQLYDSPER	AGAP004175-PA	-	83	1.00E-07	1	1876.901	4.67	Salivary gland	2R:-:51225345-51225295	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_104761	YIEACQIR	AGAP004175-PA	C5(Carbamidomethyl)	51	9.06E-05	2	1052.520	0.43	Malpighian tubule	2R:-:51226032-51226009	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_105198	LYDINAFK	AGAP004175-PA	-	34	0.003650817	1	983.519	-0.92	Malpighian tubule	2R:-:51226771-51226748	exon=> In CDS Exon 1 of transcript AGAP004175-PA
JHU_Ag_106433	FADIGNTVAQQYAGGLHR	AGAP004175-PA	-	82	1.08E-07	1	1917.964	3.65	Salivary gland	2R:-:51225681-51225628	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_109535	IATEMDTDFVAGIVCQSK	AGAP004175-PA	M5(Oxidation), C15(Carbamidomethyl)	127	3.10E-12	1	2000.932	0.92	Ovary	2R:-:51225447-51225394	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_110905	FADIGNTVAQQYAGGLHR	AGAP004175-PA	-	150	1.71E-14	1	1917.960	1.62	Ovary	2R:-:51225681-51225628	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_112547	NGTTVVNELSR	AGAP004175-PA	N1(Deamidated)	66	4.72E-06	2	1190.604	2.39	Malpighian tubule	2R:-:51225987-51225955	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_116504	THCDIVSDFSEQFVR	AGAP004175-PA	C3(Carbamidomethyl)	112	7.45E-11	1	1839.840	3.69	Malpighian tubule	2R:-:51225780-51225736	exon=> In CDS Exon 3 of transcript AGAP004175-PA
JHU_Ag_6777	SLQSLAR	AGAP004175-PA,AGAP003824-PA	-	43	0.000885415	1	774.446	-0.91	Malpighian tubule	2R:-:51225735-51225715;2R:+:43797178-43797198	exon=> In CDS Exon 3 of transcript AGAP004175-PA;exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_88392	SLQSLAR	AGAP004175-PA,AGAP003824-PA	-	43	0.000991167	2	774.446	-1.31	Ovary	2R:-:51225735-51225715;2R:+:43797178-43797198	exon=> In CDS Exon 3 of transcript AGAP004175-PA;exon=> In CDS Exon 2 of transcript AGAP003824-PA
JHU_Ag_84020	IQLFIK	AGAP004181-PA	-	31	0.000712853	1	761.492	-0.28	Salivary gland	2R:-:51371274-51371257	exon=> In CDS Exon 1 of transcript AGAP004181-PA
JHU_Ag_70532	RPMPADK	AGAP004182-PA	-	38	0.00141283	1	814.413	-13.53	Salivary gland	2R:+:51386398-51386418	exon=> In CDS Exon 2 of transcript AGAP004182-PA
JHU_Ag_97653	MVKFTSNR	AGAP004184-PA	N-Term(Acetyl), M1(Oxidation), N7(Deamidated)	40	0.001138199	1	1041.500	-3.23	Pupa	2R:-:51449296-51449296,51446477-51447476	exon=> In CDS Exon 2 and 1 of transcript AGAP004184-PA
JHU_Ag_3513	FFGLQSPIDKYPFYMLIETSGSDAGHDEEK	AGAP004189-PA,AGAP004195-PA	M15(Oxidation)	94	4.47E-09	1	3437.594	1.54	Malpighian tubule	2R:+:51620916-51620929,51621018-51621093;2R:+:51671764-51671777,51671866-51671941	exon=> In CDS Exon 2 and 3 of transcript AGAP004189-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004195-PA

JHU_Ag_10791	GSFAELTDDDVAVFR	AGAP004189-PA,AGAP004195-PA	-	76	3.19E-07	2	1641.772	-2.17	Midgut	2R:+:51620011-51620055;2R:+:51670853-51670897	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_18319	GILGGADTSR	AGAP004189-PA,AGAP004195-PA	-	42	0.001453056	1	946.496	1.11	Malpighian tubule	2R:+:51620056-51620085;2R:+:51670898-51670927	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_21906	VLTAADEVQDYNIDYLR	AGAP004189-PA,AGAP004195-PA	-	147	2.67E-14	1	1997.983	0.53	Midgut	2R:+:51620086-51620136;2R:+:51670928-51670978	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_26345	LSMFCPTASR	AGAP004189-PA,AGAP004195-PA	M3(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	47	0.000144898	1	1185.541	1.72	Malpighian tubule	2R:+:51620748-51620777;2R:+:51671596-51671625	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA
JHU_Ag_28288	DNTGYHLK	AGAP004189-PA,AGAP004195-PA	-	45	0.000320813	1	947.458	-0.28	Malpighian tubule	2R:+:51620679-51620702;2R:+:51671527-51671550	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA
JHU_Ag_29455	GSFAELTDDDVAVFR	AGAP004189-PA,AGAP004195-PA	-	90	1.47E-08	1	1641.780	2.96	Malpighian tubule	2R:+:51620011-51620055;2R:+:51670853-51670897	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_35970	GSFAELTDDDVAVFR	AGAP004189-PA,AGAP004195-PA	-	39	0.001665753	2	1641.779	1.85	Head	2R:+:51620011-51620055;2R:+:51670853-51670897	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_36271	EVPALTCDRYPVQR	AGAP004189-PA,AGAP004195-PA	C7(Carbamidomethyl)	46	0.00043251	1	1703.856	1.51	Malpighian tubule	2R:+:51619969-51620010;2R:+:51670811-51670852	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_37335	SVNVAFLGLHSYDDVKR	AGAP004189-PA,AGAP004195-PA	-	79	1.65E-07	1	1919.999	0.55	Malpighian tubule	2R:+:51620778-51620828;2R:+:51671626-51671676	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA
JHU_Ag_42775	GSCHIGGNVSTNAGGLR	AGAP004189-PA,AGAP004195-PA	C3(Carbamidomethyl)	50	0.000164256	2	1656.789	0.81	Malpighian tubule	2R:+:51620440-51620490;2R:+:51671282-51671332	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_50255	GLGEVLSSCEMIDAASLDSCTR	AGAP004189-PA,AGAP004195-PA	C9(Carbamidomethyl), M11(Oxidation), C20(Carbamidomethyl)	50	7.39E-05	3	2387.049	-1.56	Malpighian tubule	2R:+:51620850-51620915;2R:+:51671698-51671763	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA
JHU_Ag_53405	GLVMPLDLGAK	AGAP004189-PA,AGAP004195-PA	M4(Oxidation)	90	1.28E-08	1	1129.628	-0.15	Malpighian tubule	2R:+:51620407-51620439;2R:+:51671249-51671281	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_75371	VLDLMSNFK	AGAP004189-PA,AGAP004195-PA	M5(Oxidation)	53	5.19E-05	1	1082.556	1.23	Malpighian tubule	2R:+:51620649-51620675;2R:+:51671497-51671523	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA
JHU_Ag_80769	VLTAADEVQDYNIDYLR	AGAP004189-PA,AGAP004195-PA	-	60	1.33E-05	2	1997.991	4.75	Salivary gland	2R:+:51620086-51620136;2R:+:51670928-51670978	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_86388	TTAEVAELLR	AGAP004189-PA,AGAP004195-PA	-	76	3.25E-07	1	1102.611	0.73	Malpighian tubule	2R:+:51620176-51620205;2R:+:51671018-51671047	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_89390	FFGLQSPIDK	AGAP004189-PA,AGAP004195-PA	-	69	1.78E-06	1	1151.609	-0.78	Malpighian tubule	2R:+:51620916-51620929,51621018-51621033;2R:+:51671764-51671777,51671866-51671881	exon=> In CDS Exon 2 and 3 of transcript AGAP004189-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004195-PA
JHU_Ag_92535	SVNVAFLGLHSYDDVKR	AGAP004189-PA,AGAP004195-PA	-	47	0.000300135	1	1919.993	-2.22	Midgut	2R:+:51620778-51620828;2R:+:51671626-51671676	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA

JHU_Ag_96643	IDEYSGIVVCQAGCVLATLEEQVGAR	AGAP004189-PA,AGAP004195-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	121	1.22E-11	1	2837.379	-0.6	Malpighian tubule	2R:+:51620329-51620406;2R:+:51671171-51671248	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_106969	VLTAADEVQDYNIDYLR	AGAP004189-PA,AGAP004195-PA	-	159	1.71E-15	1	1997.980	-0.57	Malpighian tubule	2R:+:51620086-51620136;2R:+:51670928-51670978	exon=> In CDS Exon 1 of transcript AGAP004189-PA;exon=> In CDS Exon 1 of transcript AGAP004195-PA
JHU_Ag_108131	HLFIGSEGTLGIITR	AGAP004189-PA,AGAP004195-PA	-	70	5.54E-07	2	1613.901	0.08	Malpighian tubule	2R:+:51620703-51620747;2R:+:51671551-51671595	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA
JHU_Ag_109298	VLDLMSNFKK	AGAP004189-PA,AGAP004195-PA	M5(Oxidation)	40	0.000789146	1	1210.652	1.84	Malpighian tubule	2R:+:51620649-51620678;2R:+:51671497-51671526	exon=> In CDS Exon 2 of transcript AGAP004189-PA;exon=> In CDS Exon 2 of transcript AGAP004195-PA
JHU_Ag_115133	FLEQTMEQGLVQDGTVTNDSTK	AGAP004189-PA,AGAP004195-PA	M6(Oxidation)	169	1.90E-16	1	2457.145	0.11	Malpighian tubule	2R:+:51621103-51621168;2R:+:51671951-51672016	exon=> In CDS Exon 3 of transcript AGAP004189-PA;exon=> In CDS Exon 3 of transcript AGAP004195-PA
JHU_Ag_377	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	69	1.56E-06	1	1887.970	-0.62	Male reproductive organs	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_402	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	97	2.99E-09	1	1528.754	4.78	Larva	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_933	KVTHAVVTVPAYFNDAQR	AGAP004192-PA	-	65	3.68E-06	1	2016.063	-1.43	Pupa	2R:+:51643254-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_1138	IVITNDQNR	AGAP004192-PA	-	55	4.85E-05	1	1072.578	3.23	Ovary	2R:+:51644334-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_1183	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	75	4.09E-07	2	1506.792	3.2	Visceras	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_1202	WLDENQDTEAEEYKK	AGAP004192-PA	-	110	1.15E-10	1	1897.849	2.08	Ovary	2R:+:51644574-51644618	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_2067	EFTDHTVQHDIK	AGAP004192-PA	-	55	3.61E-05	2	1469.704	1.64	Visceras	2R:+:51643071-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_2892	DNHLLGKFDLTGIPPAPR	AGAP004192-PA	-	70	7.89E-07	1	1961.062	1.05	Salivary gland	2R:+:51644187-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_3788	EFFNGKEPSR	AGAP004192-PA	N4(Deamidated)	79	1.58E-07	1	1210.584	-1.34	Midgut	2R:+:51643893-51643922	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_3917	ELEDIVQPIIAK	AGAP004192-PA	-	77	8.63E-08	1	1367.779	0.62	Salivary gland	2R:+:51644628-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_5771	DKDIGTVVGIDLGTTYSCVGVYK	AGAP004192-PA	C18(Carbamidomethyl)	116	4.45E-11	1	2460.236	1.16	Salivary gland	2R:+:51642837-51642905	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_6044	NQLTTNPENTVFDAKR	AGAP004192-PA	-	137	3.66E-13	1	1847.924	-0.38	Salivary gland	2R:+:51643011-51643058	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_6296	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	55	5.38E-05	1	1218.650	-0.8	Head	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_6588	KSQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M26(Oxidation)	50	0.0001295	1	3211.567	-0.59	Midgut	2R:+:51644103-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_7208	VEIIANDQGNRITPSYVAFTADGER	AGAP004192-PA	-	59	1.60E-05	3	2736.382	8.29	Malpighian tubule	2R:+:51642915-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_7410	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	44	0.000593106	1	3083.475	0.49	Pupa	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_7482	EFFNGKEPSR	AGAP004192-PA	N4(Deamidated)	71	8.92E-07	1	1211.569	-0.54	Salivary gland	2R:+:51643893-51643922	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_8480	DNHLLGK	AGAP004192-PA	-	37	0.001212115	1	796.432	1.15	Head	2R:+:51644187-51644207	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_8621	DNHLLGK	AGAP004192-PA	-	42	0.000377729	1	796.434	3.3	Malpighian tubule	2R:+:51644187-51644207	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_8644	EFFNGKEPSR	AGAP004192-PA	-	72	8.09E-07	1	1210.585	-0.03	Visceras	2R:+:51643893-51643922	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_9329	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	94	4.19E-09	1	1887.981	5.1	Ovary	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_10111	DNHLLGK	AGAP004192-PA	-	41	0.000573 87	1	796.431	0	Salivary gland	2R:+:51644187-51644207	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_10114	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	100	1.61E-09	1	1512.752	0.42	Pupa	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_10393	QATKDAGTIAGLVVMR	AGAP004192-PA	M15(Oxidation)	57	1.68E-05	1	1630.900	3.12	Malpighian tubule	2R:+:51643308-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_11158	ITPSYVAFTADGER	AGAP004192-PA	-	100	1.44E-09	1	1526.748	-0.34	Male reproductive organs	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_11229	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation)	137	3.74E-13	2	2476.225	0.48	Midgut	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_11381	NQLTTNPENTVFDAK	AGAP004192-PA	-	96	5.33E-09	1	1691.831	4.6	Ovary	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_11893	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	183	5.68E-18	1	2403.088	2.03	Salivary gland	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_13110	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	82	5.66E-08	2	2403.084	0.3	Head	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_13322	FEELNMDLFR	AGAP004192-PA	-	54	4.57E-05	2	1313.622	1.6	Pupa	2R:+:51643743-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_14943	DKDIGTVVGIDLGTTYSCVGVYK	AGAP004192-PA	C18(Carbamidomethyl)	86	4.44E-08	1	2460.233	-0.1	Midgut	2R:+:51642837-51642905	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_15108	WLDENQDTEAEEYKK	AGAP004192-PA	-	120	1.03E-11	1	1897.853	4.27	Midgut	2R:+:51644574-51644618	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_15205	WLDENQDTEAEEYK	AGAP004192-PA	-	55	1.41E-05	2	1769.747	-1.98	Head	2R:+:51644574-51644615	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_16015	MEEAIDEK	AGAP004192-PA	M1(Oxidation)	37	0.002300 579	1	964.429	-0.37	Midgut	2R:+:51644544-51644567	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_17254	WLDENQDTEAEEYK	AGAP004192-PA	-	104	1.99E-10	2	1769.753	1.54	Salivary gland	2R:+:51644574-51644615	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_17434	EFTDHTVQHDIK	AGAP004192-PA	-	54	5.41E-05	2	1469.715	9.03	Malpighian tubule	2R:+:51643071-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_17643	ELEDIVQPIIAK	AGAP004192-PA	-	67	9.32E-07	2	1367.781	2.4	Visceras	2R:+:51644628-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_18258	IVITNDQNRLTPDDIER	AGAP004192-PA	-	95	3.68E-09	1	2012.049	4.31	Malpighian tubule	2R:+:51644334-51644384	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_19026	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	84	6.00E-08	2	2135.000	8.52	Larva	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_19207	LYASSGGAPPPAGGDEDDELK	AGAP004192-PA	-	91	9.36E-09	1	2045.931	0.44	Salivary gland	2R:+:51644664-51644726	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_19492	FDLTGIPPAPR	AGAP004192-PA	-	56	1.71E-05	1	1183.651	3.17	Malpighian tubule	2R:+:51644208-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_20276	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	141	1.17E-13	1	2134.982	0.05	Midgut	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_20298	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	119	1.67E-11	1	2134.987	2.46	Visceras	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_21323	ITPSYVAFTADGER	AGAP004192-PA	-	87	2.82E-08	1	1526.749	0.46	Midgut	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_21359	ITPSYVAFTADGERLIGDAAK	AGAP004192-PA	-	85	3.41E-08	1	2195.144	4.31	Malpighian tubule	2R:+:51642948-51643010	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_21404	FDLTGIPPAPR	AGAP004192-PA	-	46	0.000173 513	2	1183.647	0.08	Male reproductive organs	2R:+:51644208-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_22517	ALSASHQVR	AGAP004192-PA	-	69	1.16E-06	1	968.527	-0.22	Salivary gland	2R:+:51643656-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_22799	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	103	5.75E-10	1	1887.978	3.55	Malpighian tubule	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_23294	RALSASHQVR	AGAP004192-PA	-	58	9.60E-06	1	1124.628	-0.24	Salivary gland	2R:+:51643653-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_24243	NQLTTNPENTVFDAKR	AGAP004192-PA	-	38	0.002627144	1	1847.924	-0.38	Pupa	2R:+:51643011-51643058	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_25022	EFTDHTVQHDIK	AGAP004192-PA	-	61	1.14E-05	1	1469.711	6.21	Ovary	2R:+:51643071-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_25549	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	115	3.72E-11	1	3083.468	-1.98	Head	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_25839	NDVDEIVLVGGSTR	AGAP004192-PA	-	91	1.26E-08	2	1473.756	0.75	Pupa	2R:+:51643824-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_26251	EKIVITNDQNR	AGAP004192-PA	-	63	6.27E-06	2	1329.711	-0.7	Midgut	2R:+:51644328-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_27233	DNHLLGK	AGAP004192-PA	-	34	0.002412926	1	796.435	4.28	Ovary	2R:+:51644187-51644207	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_27395	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	102	1.09E-09	1	1512.756	2.76	Salivary gland	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_28592	ELEDIVQPIIAK	AGAP004192-PA	-	78	6.95E-08	2	1367.779	0.62	Male reproductive organs	2R:+:51644628-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_29460	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	97	2.93E-09	1	1528.750	2.14	Male reproductive organs	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_30926	VMDHFIK	AGAP004192-PA	M2(Oxidation)	41	0.001374436	1	889.459	-1.32	Pupa	2R:+:51643548-51643568	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_31775	NDVDEIVLVGGSTR	AGAP004192-PA	-	79	1.84E-07	2	1473.755	0.41	Head	2R:+:51643824-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_32121	FDLTGIPPAPR	AGAP004192-PA	-	57	1.30E-05	2	1183.646	-0.75	Pupa	2R:+:51644208-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_34836	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	39	0.001757291	1	1528.752	3.65	Ovary	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_36054	ITPSYVAFTADGER	AGAP004192-PA	-	68	2.70E-06	1	1526.754	3.82	Larva	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_37877	ITPSYVAFTADGER	AGAP004192-PA	-	110	1.47E-10	1	1526.750	0.94	Head	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_38798	EKIVITNDQNR	AGAP004192-PA	-	51	9.96E-05	1	1329.715	1.87	Head	2R:+:51644328-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_40255	WLDENQDTEAEEYKK	AGAP004192-PA	-	89	1.20E-08	1	1897.846	0.41	Malpighian tubule	2R:+:51644574-51644618	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_41122	NELESYAYSLK	AGAP004192-PA	N1(Deamidated)	83	6.40E-08	1	1316.639	1.94	Salivary gland	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_42286	ELEDIVQPIIAK	AGAP004192-PA	-	75	1.43E-07	2	1367.780	1.07	Malpighian tubule	2R:+:51644628-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_42615	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	120	1.13E-11	1	1887.973	1.03	Salivary gland	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_42811	EFTDHTVQHDIK	AGAP004192-PA	-	54	5.40E-05	2	1469.701	-0.68	Pupa	2R:+:51643071-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_43006	NDVDEIVLVGGSTR	AGAP004192-PA	-	55	4.79E-05	1	1473.763	5.93	Ovary	2R:+:51643824-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_44489	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	35	0.004856021	2	1528.751	2.7	Head	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_44993	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	81	1.10E-07	1	1887.969	-1.17	Visceras	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_46027	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	119	1.39E-11	1	3083.445	-9.46	Male reproductive organs	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_46706	LGASVSDDDK	AGAP004192-PA	-	62	6.85E-06	2	1006.470	0.85	Head	2R:+:51644508-51644537	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_46824	NQLTTNPENTVFDAKR	AGAP004192-PA	-	103	8.38E-10	1	1847.924	-0.44	Head	2R:+:51643011-51643058	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_46939	NQLTTNPENTVFDAKR	AGAP004192-PA	-	37	0.003277312	1	1847.925	0.01	Midgut	2R:+:51643011-51643058	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_46994	DKLGASVSDDDK	AGAP004192-PA	-	83	7.44E-08	1	1249.591	0.41	Salivary gland	2R:+:51644502-51644537	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_47885	VMDHFIK	AGAP004192-PA	M2(Oxidation)	54	5.67E-05	1	905.455	-0.4	Head	2R:+:51643548-51643568	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_49271	WLDENQDTEAEEYKK	AGAP004192-PA	N5(Deamidated)	118	1.58E-11	1	1897.849	2.01	Salivary gland	2R:+:51644574-51644618	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_49569	VSTGQGDKVFAPEEISAMVLGK	AGAP004192-PA	M18(Oxidation)	114	5.12E-11	1	2263.178	6.14	Malpighian tubule	2R:+:51643155-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_49635	FDLTGIPPAPR	AGAP004192-PA	-	67	1.54E-06	2	1183.649	1.83	Salivary gland	2R:+:51644208-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_49702	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	87	2.31E-08	2	1490.796	2.69	Pupa	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_50237	ALSASHQVR	AGAP004192-PA	-	68	1.19E-06	1	968.530	3.12	Malpighian tubule	2R:+:51643656-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_50418	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	85	3.18E-08	2	2403.088	1.93	Visceras	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_50610	EKIVITNDQNR	AGAP004192-PA	-	64	5.12E-06	1	1329.716	2.51	Malpighian tubule	2R:+:51644328-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_50705	NTVIPTK	AGAP004192-PA	-	45	0.000617563	1	772.457	0.63	Salivary gland	2R:+:51644082-51644102	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_51252	DKDIGTVVGIDLGTTYSCVGVYK	AGAP004192-PA	C18(Carbamidomethyl)	69	1.92E-06	3	2460.242	3.92	Malpighian tubule	2R:+:51642837-51642905	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_51358	ITPSYVAFTADGER	AGAP004192-PA	-	98	2.50E-09	1	1526.752	1.9	Visceras	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_51719	NELESYAYSLK	AGAP004192-PA	-	57	2.35E-05	1	1316.633	-2.83	Head	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_51850	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	49	0.000189785	2	1506.789	1.02	Malpighian tubule	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_52305	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	123	6.25E-12	1	3083.485	3.72	Malpighian tubule	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_52402	IVITNDQNR	AGAP004192-PA	-	47	0.000280344	1	1072.574	-0.19	Midgut	2R:+:51644334-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_52494	LIGREFTDHTVQHDIK	AGAP004192-PA	-	34	0.003904812	1	1908.996	1.97	Malpighian tubule	2R:+:51643059-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_52620	LTPDDIER	AGAP004192-PA	-	43	0.000488585	1	958.484	0.27	Midgut	2R:+:51644361-51644384	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_52765	VMDHFIK	AGAP004192-PA	M2(Oxidation)	31	0.010222896	1	905.455	-0.46	Midgut	2R:+:51643548-51643568	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_52768	KELEDIVQPIIAK	AGAP004192-PA	-	96	7.72E-10	1	1495.872	-0.98	Salivary gland	2R:+:51644625-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_53094	EKIVITNDQNR	AGAP004192-PA	-	77	2.58E-07	1	1329.712	-0.06	Salivary gland	2R:+:51644328-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_54523	ITPSYVAFTADGER	AGAP004192-PA	-	102	9.09E-10	1	1526.749	0.46	Pupa	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_54809	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	90	1.31E-08	1	1887.968	-1.75	Midgut	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_57541	NGRVEIIANDQGNR	AGAP004192-PA	N1(Deamidated)	36	0.003829052	1	1556.773	-3.03	Pupa	2R:+:51642906-51642947	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_58948	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	76	3.37E-07	2	1218.656	3.61	Larva	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_60132	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	159	1.65E-15	1	3083.472	-0.67	Midgut	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_61467	NQLTTNPENTVFDAK	AGAP004192-PA	N1(Deamidated),Q2(Deamidated)	123	1.09E-11	1	1691.825	0.63	Salivary gland	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_61561	MEEAIDEK	AGAP004192-PA	M1(Oxidation)	53	3.53E-05	2	980.426	1.88	Salivary gland	2R:+:51644544-51644567	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_61920	NQLTTNPENTVFDAK	AGAP004192-PA	-	90	2.00E-08	1	1691.824	0.48	Head	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_61962	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	98	2.44E-09	1	1218.655	3.31	Salivary gland	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_62540	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	131	9.80E-13	1	2134.981	-0.17	Malpighian tubule	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_62777	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation), N10(Deamidated),M7(Oxidation)	188	2.36E-18	1	2476.231	2.75	Salivary gland	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_62811	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	95	3.66E-09	1	1887.971	-0.26	Pupa	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_63244	FADDDKK	AGAP004192-PA	-	49	0.000137691	2	838.397	3.4	Head	2R:+:51644406-51644426	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_63470	IVITNDQNR	AGAP004192-PA	-	47	0.000309522	1	1072.574	-0.3	Pupa	2R:+:51644334-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_63599	DNHLLGK	AGAP004192-PA	-	41	0.000643893	1	796.431	-0.61	Midgut	2R:+:51644187-51644207	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_64198	LGASVSDDDKAK	AGAP004192-PA	-	81	1.35E-07	1	1205.600	-0.72	Pupa	2R:+:51644508-51644543	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_64507	FEELNMDLFR	AGAP004192-PA	M6(Oxidation)	74	5.40E-07	1	1313.622	1.51	Head	2R:+:51643743-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_65561	ALSASHQVR	AGAP004192-PA	-	40	0.000801335	2	968.527	-0.6	Visceras	2R:+:51643656-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_65754	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	98	2.03E-09	1	1202.657	0.95	Pupa	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_65819	DNHLLGKFDLTGIPPAPR	AGAP004192-PA	-	61	5.93E-06	1	1961.064	1.89	Pupa	2R:+:51644187-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_65825	NDVDEIVLVGGSTR	AGAP004192-PA	-	111	1.16E-10	2	1473.754	-0.41	Midgut	2R:+:51643824-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_66138	NELESYAYSLK	AGAP004192-PA	-	71	1.00E-06	1	1316.639	1.29	Visceras	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_66166	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	149	1.58E-14	1	2403.093	3.76	Ovary	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_66333	RALSASHQVR	AGAP004192-PA	-	35	0.002030224	1	1124.629	0.98	Head	2R:+:51643653-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_66781	RALSASHQVR	AGAP004192-PA	-	43	0.000269999	1	1124.633	3.91	Malpighian tubule	2R:+:51643653-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_66821	NGRVEIIANDQGNR	AGAP004192-PA	N1(Deamidated)	51	9.17E-05	1	1555.801	4.79	Malpighian tubule	2R:+:51642906-51642947	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_66992	KSQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M26(Oxidation)	98	2.09E-09	1	3211.573	1.23	Salivary gland	2R:+:51644103-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_67587	VQQLVK	AGAP004192-PA	-	36	0.001281616	1	714.450	-0.7	Midgut	2R:+:51643875-51643892	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_67789	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation)	37	0.003315284	1	2492.231	4.94	Ovary	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_68230	FEELNMDLFR	AGAP004192-PA	M6(Oxidation)	59	1.52E-05	1	1329.614	-0.1	Midgut	2R:+:51643743-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_68934	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	88	2.56E-08	2	1218.654	2.71	Male reproductive organs	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_69038	EFTDHTVQHDIK	AGAP004192-PA	-	61	9.38E-06	1	1469.700	-1.52	Midgut	2R:+:51643071-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_69480	KELEDIVQPIIAK	AGAP004192-PA	-	87	6.98E-09	2	1495.874	0.4	Midgut	2R:+:51644625-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_70497	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	88	1.87E-08	2	1202.657	0.75	Midgut	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_71109	EFTDHTVQHDIK	AGAP004192-PA	-	53	6.69E-05	1	1469.704	1.48	Head	2R:+:51643071-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_71343	EKIVITNDQNR	AGAP004192-PA	-	56	3.01E-05	1	1329.712	-0.15	Pupa	2R:+:51644328-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_72257	ELEDIVQPIIAK	AGAP004192-PA	-	91	3.46E-09	2	1367.780	1.51	Midgut	2R:+:51644628-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_73283	ITPSYVAFTADGER	AGAP004192-PA	-	98	2.09E-09	1	1526.761	8.06	Malpighian tubule	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_75256	VSTGQGDKVFAPEEISAMVLGK	AGAP004192-PA	M18(Oxidation)	150	1.47E-14	1	2263.167	1.37	Salivary gland	2R:+:51643155-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_75342	IVITNDQNR	AGAP004192-PA	-	47	0.000266466	1	1072.577	2.2	Malpighian tubule	2R:+:51644334-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_76399	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation)	61	1.36E-05	1	2492.223	1.56	Head	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_77362	NQLTTNPENTVFDAK	AGAP004192-PA	-	109	2.41E-10	1	1691.832	5.03	Malpighian tubule	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_77640	NELESYAYSLK	AGAP004192-PA	-	77	2.99E-07	1	1316.637	0.27	Pupa	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_77898	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation)	101	1.15E-09	1	2492.228	3.8	Malpighian tubule	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_78413	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	101	1.38E-09	1	1512.757	3.4	Visceras	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_79556	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	105	5.06E-10	1	2134.988	2.8	Head	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_79968	ELEDIVQPIIAK	AGAP004192-PA	-	82	2.41E-08	2	1367.779	0.89	Head	2R:+:51644628-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_80173	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation)	67	3.19E-06	1	2492.224	2	Visceras	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_80772	NELESYAYSLK	AGAP004192-PA	-	80	1.39E-07	1	1316.638	1.1	Malpighian tubule	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_81280	KSQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M26(Oxidation)	96	3.10E-09	1	3211.584	4.65	Malpighian tubule	2R:+:51644103-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_81388	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation)	90	1.40E-08	1	1528.755	5.26	Malpighian tubule	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_81922	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	153	7.29E-15	1	2134.980	-0.75	Salivary gland	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_83150	DNHLLGKFDLTGIPPAPR	AGAP004192-PA	-	58	1.18E-05	2	1961.058	-1.28	Midgut	2R:+:51644187-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_83540	DNHLLGKFDLTGIPPAPR	AGAP004192-PA	-	95	1.89E-09	1	1961.071	5.34	Malpighian tubule	2R:+:51644187-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_83654	VMDHFIK	AGAP004192-PA	M2(Oxidation)	46	0.000420988	1	905.457	2.57	Larva	2R:+:51643548-51643568	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_83706	ALSASHQVR	AGAP004192-PA	-	55	3.51E-05	1	968.513	-15.03	Head	2R:+:51643656-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_83819	VQQLVK	AGAP004192-PA	-	39	0.000958004	2	714.451	0.82	Salivary gland	2R:+:51643875-51643892	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_83885	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	87	2.42E-08	1	1490.794	1.22	Head	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_84035	NDVDEIVLVGGSTR	AGAP004192-PA	-	97	3.39E-09	2	1473.758	2.65	Malpighian tubule	2R:+:51643824-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_84554	KVTHAVVTVPAYFNDAQR	AGAP004192-PA	-	91	9.04E-09	1	2016.066	-0.34	Salivary gland	2R:+:51643254-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_84987	WLDENQDTEAEEYKK	AGAP004192-PA	-	94	3.70E-09	1	1897.842	-1.59	Pupa	2R:+:51644574-51644618	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_85807	NQLTTNPENTVFDAK	AGAP004192-PA	-	70	2.23E-06	2	1691.829	3.01	Larva	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_85836	EFFNGKEPSR	AGAP004192-PA	N4(Deamidated)	39	0.001877323	1	1210.590	3.9	Malpighian tubule	2R:+:51643893-51643922	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_86386	ELEDIVQPIIAK	AGAP004192-PA	-	61	3.29E-06	1	1367.780	1.51	Pupa	2R:+:51644628-51644663	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_86595	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	148	2.29E-14	1	2134.997	7.14	Ovary	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_86755	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	104	5.06E-10	2	2403.093	3.86	Malpighian tubule	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_86809	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	90	1.33E-08	1	1490.793	0.15	Salivary gland	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_86850	NTVIPTK	AGAP004192-PA	-	40	0.002042545	1	772.459	3.4	Malpighian tubule	2R:+:51644082-51644102	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_88051	VTHAVVTVPAYFNDAQR	AGAP004192-PA	-	78	2.12E-07	1	1887.969	-1.17	Head	2R:+:51643257-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_88323	VSTGQGDKVFAPEEISAMVLGK	AGAP004192-PA	M18(Oxidation)	58	2.65E-05	1	2279.160	0.27	Male reproductive organs	2R:+:51643155-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_88696	VIEKNSKPHIR	AGAP004192-PA	N5(Deamidated)	57	8.49E-06	1	1321.757	-1.33	Salivary gland	2R:+:51643122-51643154	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_89305	KVTHAVVTVPAYFNDAQR	AGAP004192-PA	-	87	2.01E-08	1	2016.071	2.18	Malpighian tubule	2R:+:51643254-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_89417	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	86	3.40E-08	1	3083.465	-2.93	Visceras	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_89844	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	120	1.32E-11	1	3083.474	0.16	Salivary gland	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_91078	IEIESFFEGDDFSETLTR	AGAP004192-PA	-	128	1.97E-12	1	2134.984	0.97	Pupa	2R:+:51643683-51643736	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_91182	VSTGQGDKVFAPEEISAMVLGK	AGAP004192-PA	M18(Oxidation)	82	8.30E-08	1	2263.164	-0.17	Midgut	2R:+:51643155-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_92038	NTVIPTKK	AGAP004192-PA	-	42	0.000507385	1	900.552	0.53	Salivary gland	2R:+:51644082-51644105	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_92414	VQQLVK	AGAP004192-PA	Q3(Deamidated)	34	0.006196832	1	715.435	0.74	Head	2R:+:51643875-51643892	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_92900	KVTHAVVTVPAYFNDAQR	AGAP004192-PA	-	71	8.06E-07	1	2016.066	0.06	Midgut	2R:+:51643254-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_93134	NDVDEIVLVGGSTR	AGAP004192-PA	-	82	1.02E-07	1	1473.763	5.96	Larva	2R:+:51643824-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_93485	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation)	83	7.75E-08	1	2492.231	4.77	Larva	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_93696	DKLGASVSDDDK	AGAP004192-PA	-	70	1.51E-06	2	1249.592	1	Pupa	2R:+:51644502-51644537	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_93715	WLDENQDTEAEEYKK	AGAP004192-PA	-	120	8.79E-12	1	1897.844	-0.82	Visceras	2R:+:51644574-51644618	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_94076	VLEDADMTK	AGAP004192-PA	M7(Oxidation)	50	0.000129862	2	1037.483	0.55	Salivary gland	2R:+:51643797-51643823	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_94659	NQLTTNPENTVFDAK	AGAP004192-PA	-	117	4.04E-11	1	1691.823	-0.24	Pupa	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_95729	NTVIPTK	AGAP004192-PA	-	57	1.49E-05	1	772.456	-0.71	Midgut	2R:+:51644082-51644102	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_95812	NGRVEIIANDQGNR	AGAP004192-PA	N1(Deamidated)	56	4.02E-05	1	1556.780	1.8	Salivary gland	2R:+:51642906-51642947	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_95970	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	102	8.33E-10	1	1218.651	0	Malpighian tubule	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_96366	EFFNGKEPSR	AGAP004192-PA	N4(Deamidated)	71	8.73E-07	1	1211.566	-2.76	Pupa	2R:+:51643893-51643922	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_96784	ALSASHQVR	AGAP004192-PA	-	43	0.000381781	2	968.528	0.34	Midgut	2R:+:51643656-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_97422	VMDHFIK	AGAP004192-PA	M2(Oxidation)	54	6.25E-05	1	905.456	0.88	Salivary gland	2R:+:51643548-51643568	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_97509	NQLTTNPENTVFDAK	AGAP004192-PA	-	47	0.000379187	2	1691.826	1.35	Male reproductive organs	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_98576	VIEKNSKPHIR	AGAP004192-PA	-	37	0.000314841	1	1320.779	3.6	Malpighian tubule	2R:+:51643122-51643154	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_98760	NELESYAYSLK	AGAP004192-PA	-	60	1.21E-05	1	1316.639	1.75	Male reproductive organs	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_99333	NELESYAYSLK	AGAP004192-PA	-	77	2.81E-07	1	1316.644	5.18	Ovary	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_100030	NDVDEIVLVGGSTR	AGAP004192-PA	-	91	1.30E-08	2	1473.757	1.82	Salivary gland	2R:+:51643824-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_100217	LYASSGGAPPPAGGDEDDELK	AGAP004192-PA	-	123	6.39E-12	1	2045.929	-0.22	Head	2R:+:51644664-51644726	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_100520	EFFNGKEPSR	AGAP004192-PA	N4(Deamidated)	78	2.03E-07	1	1210.586	0.47	Head	2R:+:51643893-51643922	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_100623	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	71	1.25E-06	2	1506.789	1.1	Male reproductive organs	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_100711	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	84	3.96E-08	2	2403.083	-0.1	Male reproductive organs	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_101060	IVITNDQNR	AGAP004192-PA	-	57	3.40E-05	1	1072.574	-0.35	Salivary gland	2R:+:51644334-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_102051	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	85	4.73E-08	2	1490.793	0.15	Midgut	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_102335	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	96	2.38E-09	2	2403.083	-0.1	Midgut	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_102486	DNHLLGKFDLTGIPPAPR	AGAP004192-PA	-	35	0.002378516	1	1961.061	0.3	Male reproductive organs	2R:+:51644187-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_103117	NTVIPTKK	AGAP004192-PA	-	37	0.001229022	1	900.554	2.76	Malpighian tubule	2R:+:51644082-51644105	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_103139	VSTGQGDKVFAPEEISAMVLGK	AGAP004192-PA	-	70	1.29E-06	1	2263.164	0.07	Pupa	2R:+:51643155-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_103481	DAGTIAGLVVMR	AGAP004192-PA	M11(Oxidation)	71	1.07E-06	1	1218.659	6.11	Ovary	2R:+:51643320-51643355	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_104237	VFAPEEISAMVLGK	AGAP004192-PA	M10(Oxidation)	43	0.000663495	2	1506.794	4.26	Ovary	2R:+:51643179-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_104329	VSTGQGDKVFAPEEISAMVLGK	AGAP004192-PA	M18(Oxidation)	55	4.84E-05	1	2279.157	-0.78	Head	2R:+:51643155-51643220	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_104507	FEELNMDLFR	AGAP004192-PA	M6(Oxidation)	62	6.16E-06	2	1329.617	2.1	Larva	2R:+:51643743-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_105279	DNHLLGKFDLTGIPPAPR	AGAP004192-PA	-	54	2.94E-05	1	1961.067	3.1	Head	2R:+:51644187-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_105561	LTPDDIER	AGAP004192-PA	-	39	0.001175632	1	958.488	4.02	Ovary	2R:+:51644361-51644384	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_106504	NELESYAYSLK	AGAP004192-PA	N1(Deamidated)	78	2.23E-07	2	1316.633	-2.79	Midgut	2R:+:51644451-51644483	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_107151	SQIFSTASDNQHTVTIQVYEGERPMTK	AGAP004192-PA	M25(Oxidation)	37	0.002776194	1	3083.490	5.16	Ovary	2R:+:51644106-51644186	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_107428	WLDENQDTEAEEYK	AGAP004192-PA	-	85	1.54E-08	2	1769.749	-0.6	Midgut	2R:+:51644574-51644615	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_107704	VQQLVK	AGAP004192-PA	-	37	0.001581593	2	714.453	3.12	Malpighian tubule	2R:+:51643875-51643892	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_108673	NQLTTNPENTVFDAK	AGAP004192-PA	N1(Deamidated),Q2(Deamidated)	110	2.12E-10	1	1691.824	-0.02	Midgut	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA

JHU_Ag_108723	LGASVSDDDK	AGAP004192-PA	-	77	1.99E-07	2	1006.469	0.12	Salivary gland	2R:+:51644508-51644537	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_108991	NTVIPTKK	AGAP004192-PA	-	33	0.002626806	1	900.555	4.39	Ovary	2R:+:51644082-51644105	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_109183	AKMEEAIDEK	AGAP004192-PA	M3(Oxidation)	62	7.91E-06	2	1179.555	-1.08	Salivary gland	2R:+:51644538-51644567	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_110974	LYASSGGAPPPAGGDEDDELKDEL	AGAP004192-PA	-	86	2.39E-08	2	2403.083	-0.21	Pupa	2R:+:51644664-51644735	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_111076	FEELNMDLFR	AGAP004192-PA	M6(Oxidation)	71	8.09E-07	1	1329.617	1.74	Salivary gland	2R:+:51643743-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_111242	ITPSYVAFTADGER	AGAP004192-PA	-	93	8.32E-09	1	1526.756	4.78	Ovary	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_111706	NELESYAYSLKNQLSSK	AGAP004192-PA	-	59	2.54E-05	1	1973.991	4.99	Malpighian tubule	2R:+:51644451-51644501	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_112098	AKFEELNMDLFR	AGAP004192-PA	M8(Oxidation),N7(Deamidated)	100	1.48E-09	1	1512.754	1.47	Midgut	2R:+:51643737-51643772	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_112415	EFTDHTVQHDIK	AGAP004192-PA	-	62	7.77E-06	1	1469.703	0.64	Salivary gland	2R:+:51643071-51643106	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_112766	FDLTGIPPAPR	AGAP004192-PA	-	51	5.36E-05	2	1183.647	-0.23	Midgut	2R:+:51644208-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_112837	ALSASHQVR	AGAP004192-PA	-	61	5.43E-06	2	968.531	3.56	Ovary	2R:+:51643656-51643682	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_113155	LGASVSDDDKAK	AGAP004192-PA	-	72	1.23E-06	1	1205.603	1.81	Salivary gland	2R:+:51644508-51644543	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_114803	NQLTTNPENTVFDAKR	AGAP004192-PA	-	87	3.24E-08	2	1847.930	2.86	Malpighian tubule	2R:+:51643011-51643058	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_114980	VLEDADMTKNDVDEIVLVGGSTR	AGAP004192-PA	M7(Oxidation)	83	7.90E-08	2	2492.227	3.5	Pupa	2R:+:51643797-51643865	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_115130	VQQLVK	AGAP004192-PA	Q2(Deamidated), Q3(Deamidated)	44	0.000501716	1	716.419	-0.38	Male reproductive organs	2R:+:51643875-51643892	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_115252	NQLTTNPENTVFDAK	AGAP004192-PA	-	76	5.37E-07	1	1691.825	0.92	Visceras	2R:+:51643011-51643055	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_116387	KVTHAVVTVPAYFNDAQR	AGAP004192-PA	-	81	8.00E-08	1	2016.072	3.03	Ovary	2R:+:51643254-51643307	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_116847	IVITNDQNR	AGAP004192-PA	-	48	0.000228398	1	1072.576	1.52	Head	2R:+:51644334-51644360	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_116908	ITPSYVAFTADGER	AGAP004192-PA	-	110	1.37E-10	1	1526.750	1.1	Salivary gland	2R:+:51642948-51642989	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_117151	FADDDKK	AGAP004192-PA	-	42	0.000738453	2	838.394	-0.24	Midgut	2R:+:51644406-51644426	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_117257	FDLTGIPPAPR	AGAP004192-PA	-	35	0.002144559	2	1183.649	1.31	Head	2R:+:51644208-51644240	exon=> In CDS Exon 1 of transcript AGAP004192-PA
JHU_Ag_70047	VEIIANDQGNR	AGAP004192-PA,AGAP004582-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	-	73	5.11E-07	1	1228.633	4.27	Ovary	2R:+:51642915-51642947;2R:-:57972171-57972139;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA

JHU_Ag_74918	VEIIANDQGNR	AGAP004192-PA,AGAP004582-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	-	73	5.41E-07	1	1228.628	0.1	Malpighian tubule	2R:+:51642915-51642947;2R:-:57972171-57972139;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_92632	VEIIANDQGNR	AGAP004192-PA,AGAP004582-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	-	69	1.30E-06	1	1228.631	2.48	Larva	2R:+:51642915-51642947;2R:-:57972171-57972139;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_107033	VEIIANDQGNR	AGAP004192-PA,AGAP004582-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	-	59	1.41E-05	1	1228.628	-0.1	Visceras	2R:+:51642915-51642947;2R:-:57972171-57972139;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_11951	IINEPTAAAIAYGLDKK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	109	5.99E-11	1	1787.998	4.45	Ovary	2R:+:51643356-51643406;2L:-:6545571-6545521;2R:+:14829263-14829313	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_16769	MKETAEAYLGK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	M1(Oxidation)	86	2.75E-08	1	1240.627	1.81	Malpighian tubule	2R:+:51643221-51643253;2L:-:6545706-6545674;2R:+:14829128-14829160	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_23386	IINEPTAAAIAYGLDKK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	108	9.30E-11	1	1787.994	1.85	Malpighian tubule	2R:+:51643356-51643406;2L:-:6545571-6545521;2R:+:14829263-14829313	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_29002	IINEPTAAAIAYGLDK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	81	7.11E-08	1	1659.903	4.87	Larva	2R:+:51643356-51643403;2L:-:6545571-6545524;2R:+:14829263-14829310	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_32792	IINEPTAAAIAYGLDK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	139	1.31E-13	1	1659.900	2.88	Malpighian tubule	2R:+:51643356-51643403;2L:-:6545571-6545524;2R:+:14829263-14829310	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_37887	IINEPTAAAIAYGLDK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	140	9.44E-14	1	1659.899	2.29	Visceras	2R:+:51643356-51643403;2L:-:6545571-6545524;2R:+:14829263-14829310	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_50192	IINEPTAAAIAYGLDKK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	94	1.89E-09	2	1788.001	5.95	Larva	2R:+:51643356-51643406;2L:-:6545571-6545521;2R:+:14829263-14829313	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_52104	MKETAEAYLGK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	M1(Oxidation)	79	1.72E-07	2	1256.623	2.83	Larva	2R:+:51643221-51643253;2L:-:6545706-6545674;2R:+:14829128-14829160	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_53149	IINEPTAAAIAYGLDK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	128	1.51E-12	1	1659.905	5.6	Ovary	2R:+:51643356-51643403;2L:-:6545571-6545524;2R:+:14829263-14829310	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_53932	MKETAEAYLGK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	M1(Oxidation)	79	1.62E-07	2	1240.625	0.44	Ovary	2R:+:51643221-51643253;2L:-:6545706-6545674;2R:+:14829128-14829160	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_66034	ETAEAYLGK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	37	0.002605428	2	981.492	3.63	Ovary	2R:+:51643227-51643253;2L:-:6545700-6545674;2R:+:14829134-14829160	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_66241	ETAEAYLGK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	50	0.000150619	1	981.492	3.09	Malpighian tubule	2R:+:51643227-51643253;2L:-:6545700-6545674;2R:+:14829134-14829160	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_67747	MKETAEAYLGK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	M1(Oxidation)	72	8.01E-07	1	1240.624	-0.35	Visceras	2R:+:51643221-51643253;2L:-:6545706-6545674;2R:+:14829128-14829160	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_73392	IINEPTAAAIAYGLDKK	AGAP004192-PA,AGAP004944-PA,AGAP002076-PA	-	107	1.10E-10	1	1787.995	2.67	Visceras	2R:+:51643356-51643406;2L:-:6545571-6545521;2R:+:14829263-14829313	exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_1204	GDFASFPSNELTAAFR	AGAP004194-PA	-	47	0.000280664	2	1729.826	4.33	Head	2R:-:51646973-51646926	exon=> In CDS Exon 6 of transcript AGAP004194-PA
JHU_Ag_20463	VGSIGGGGGAGAGDGSAVASTYEFKQLEQQNAR	AGAP004194-PA	-	191	1.13E-18	1	3139.519	4.88	Malpighian tubule	2R:-:51649794-51649696	exon=> In CDS Exon 3 of transcript AGAP004194-PA
JHU_Ag_34451	KLSVLQQDHETNTTR	AGAP004194-PA	-	39	0.001625271	1	1769.918	2.16	Malpighian tubule	2R:-:51647688-51647644	exon=> In CDS Exon 5 of transcript AGAP004194-PA
JHU_Ag_36504	EAEIRQLK	AGAP004194-PA	-	37	0.002941297	1	986.561	-1.54	Visceras	2R:-:51647778-51647755	exon=> In CDS Exon 5 of transcript AGAP004194-PA
JHU_Ag_37266	DCTASIGAACDSIANDSNIIK	AGAP004194-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	77	2.27E-07	2	2195.984	-3.03	Head	2R:-:51648458-51648396	exon=> In CDS Exon 4 of transcript AGAP004194-PA

JHU_Ag_57511	TTTALDISASSPYIAQELSLLKR	AGAP004194-PA	-	46	0.000129209	1	2478.348	1.2	Head	2R:-:51647384-51647316	exon=> In CDS Exon 6 of transcript AGAP004194-PA
JHU_Ag_82023	AIDLQLRQIELTQANEHVR	AGAP004194-PA	-	40	0.000533674	3	2247.229	3.64	Malpighian tubule	2R:-:51649077-51649021	exon=> In CDS Exon 3 of transcript AGAP004194-PA
JHU_Ag_84363	TAEALNKVMSVLFYATR	AGAP004194-PA	M9(Oxidation)	45	0.000287427	1	1930.019	4.27	Malpighian tubule	2R:-:51648159-51648109	exon=> In CDS Exon 5 of transcript AGAP004194-PA
JHU_Ag_91979	HEIQK	AGAP004194-PA	Q4(Deamidated)	32	0.002318613	1	655.341	0.21	Head	2R:-:51649647-51649633	exon=> In CDS Exon 3 of transcript AGAP004194-PA
JHU_Ag_93691	VYEQDDLGPSQNVR	AGAP004194-PA	-	92	1.02E-08	1	1619.773	4.51	Malpighian tubule	2R:-:51648015-51647974	exon=> In CDS Exon 5 of transcript AGAP004194-PA
JHU_Ag_94113	VYEQDDLGPSQNVR	AGAP004194-PA	-	73	7.67E-07	1	1619.765	-0.54	Salivary gland	2R:-:51648015-51647974	exon=> In CDS Exon 5 of transcript AGAP004194-PA
JHU_Ag_101704	VYEQDDLGPSQNVR	AGAP004194-PA	-	50	0.000161264	2	1619.771	3.31	Ovary	2R:-:51648015-51647974	exon=> In CDS Exon 5 of transcript AGAP004194-PA
JHU_Ag_105362	HDLIMSLVK	AGAP004194-PA	M5(Oxidation)	35	0.002971258	1	1071.582	-4.7	Head	2R:-:51647171-51647145	exon=> In CDS Exon 6 of transcript AGAP004194-PA
JHU_Ag_109349	TTTALDISASSPYIAQELSLLKR	AGAP004194-PA	-	65	1.24E-06	1	2478.365	8.07	Malpighian tubule	2R:-:51647384-51647316	exon=> In CDS Exon 6 of transcript AGAP004194-PA
JHU_Ag_6826	FTPEIYGLLEPFVYEYTSK	AGAP004195-PA	-	105	4.85E-10	1	2296.145	0.93	Malpighian tubule	2R:+:51674207-51674263	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_18116	LREQIADSLLSDGYCFK	AGAP004195-PA	C15(Carbamidomethyl)	41	0.001538383	1	2014.989	-0.46	Malpighian tubule	2R:+:51674015-51674065	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_74852	QLLDPNGILNPYK	AGAP004195-PA	-	74	4.32E-07	1	1484.810	-0.64	Malpighian tubule	2R:+:51674369-51674407	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_76981	EQIADSLLSDGYCFK	AGAP004195-PA	C13(Carbamidomethyl)	92	7.70E-09	1	1745.809	1.93	Malpighian tubule	2R:+:51674021-51674065	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_83377	GSVSAEHGIGFLK	AGAP004195-PA	-	101	1.21E-09	1	1301.686	1.01	Malpighian tubule	2R:+:51674270-51674308	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_88055	EQIADSLLSDGYCFK	AGAP004195-PA	C13(Carbamidomethyl)	53	6.98E-05	2	1745.800	-2.96	Midgut	2R:+:51674021-51674065	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_89745	VLPPETPDQSR	AGAP004195-PA	-	34	0.005096 86	2	1238.637	-0.28	Malpighian tubule	2R:+:51674408-51674440	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_89983	FTPEIYGLLEPFVYEYTSK	AGAP004195-PA	-	48	0.000271 97	1	2296.143	0.29	Midgut	2R:+:51674207-51674263	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_108263	GSVSAEHGIGFLKR	AGAP004195-PA	-	38	0.002096574	1	1457.786	0.32	Malpighian tubule	2R:+:51674270-51674311	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_115780	YDISLPLDQFYDIVLAVR	AGAP004195-PA	-	74	3.57E-07	1	2140.133	0.14	Malpighian tubule	2R:+:51674066-51674119	exon=> In CDS Exon 4 of transcript AGAP004195-PA
JHU_Ag_4487	QTIIGQLYGAPDK	AGAP004196-PA	-	52	8.10E-05	2	1403.752	-0.42	Head	2R:-:51675493-51675611,51675220-51675238	exon=> In CDS Exon 3 and 2 of transcript AGAP004196-PA
JHU_Ag_8049	QTIIGQLYGAPDKLVIEK	AGAP004196-PA	-	80	2.55E-08	1	1986.131	1.73	Visceras	2R:-:51675493-51675611,51675220-51675223	exon=> In CDS Exon 3 and 2 of transcript AGAP004196-PA
JHU_Ag_15545	QTIIGQLYGAPDKLVIEK	AGAP004196-PA	-	58	3.13E-06	1	1986.136	4.59	Malpighian tubule	2R:-:51675493-51675611,51675220-51675223	exon=> In CDS Exon 3 and 2 of transcript AGAP004196-PA
JHU_Ag_26215	ALTDNAAIASELSYAQK	AGAP004196-PA	-	129	1.84E-12	2	1765.901	2.51	Visceras	2R:-:51675565-51675515	exon=> In CDS Exon 2 of transcript AGAP004196-PA
JHU_Ag_28893	FDSYNYR	AGAP004196-PA	-	36	0.001545793	1	964.417	0.83	Ovary	2R:-:51675714-51675783,51675491-51675611	exon=> In CDS Exon 2 and 1 of transcript AGAP004196-PA
JHU_Ag_30203	ALTDNAAIASELSYAQK	AGAP004196-PA	-	130	1.42E-12	1	1765.900	2.09	Head	2R:-:51675565-51675515	exon=> In CDS Exon 2 of transcript AGAP004196-PA
JHU_Ag_36544	VLSLYK	AGAP004196-PA	-	24	0.002606742	2	722.445	1.05	Ovary	2R:-:51675756-51675739	exon=> In CDS Exon 1 of transcript AGAP004196-PA

JHU_Ag_44690	RQTIIGQLYGAPDK	AGAP004196-PA	-	62	5.97E-06	2	1559.853	-0.88	Head	2R:-:51675496-51675611,516752 20-51675238	exon=> In CDS Exon 3 and 2 of transcript AGAP004196-PA
JHU_Ag_78106	ALTDNAAIASELSYAQK	AGAP004196-PA	-	92	9.29E-09	1	1765.895	-1.09	Midgut	2R:-:51675565-51675515	exon=> In CDS Exon 2 of transcript AGAP004196-PA
JHU_Ag_82392	ALTDNAAIASELSYAQK	AGAP004196-PA	-	135	5.43E-13	1	1765.896	-0.53	Ovary	2R:-:51675565-51675515	exon=> In CDS Exon 2 of transcript AGAP004196-PA
JHU_Ag_97271	ALTDNAAIASELSYAQK	AGAP004196-PA	-	44	0.000616 562	2	1765.899	1.47	Salivary gland	2R:-:51675565-51675515	exon=> In CDS Exon 2 of transcript AGAP004196-PA
JHU_Ag_97825	ALTDNAAIASELSYAQK	AGAP004196-PA	-	87	3.10E-08	2	1765.907	5.55	Malpighian tubule	2R:-:51675565-51675515	exon=> In CDS Exon 2 of transcript AGAP004196-PA
JHU_Ag_101389	QTIIGQLYGAPDK	AGAP004196-PA	-	78	1.99E-07	1	1403.754	0.88	Ovary	2R:-:51675493-51675611,516752 20-51675238	exon=> In CDS Exon 3 and 2 of transcript AGAP004196-PA
JHU_Ag_104642	QTIIGQLYGAPDKLVIEK	AGAP004196-PA	-	76	6.22E-08	1	1986.129	0.99	Head	2R:-:51675493-51675611,516752 20-51675223	exon=> In CDS Exon 3 and 2 of transcript AGAP004196-PA
JHU_Ag_661	WTAIAALHHGVPVTLIGEAVFSR	AGAP004197-PA	-	129	5.08E-13	1	2445.346	2.52	Pupa	2R:-:51677237-51677169	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_5070	DIFQAICAK	AGAP004197-PA	C7(Carbamidomethyl)	41	0.000961 478	1	1065.540	0.11	Midgut	2R:-:51677628-51677861,516765 81-51677535	exon=> In CDS Exon 5 and 4 of transcript AGAP004197-PA
JHU_Ag_5487	TVDKVTHFLENEAK	AGAP004197-PA	-	79	2.23E-07	1	1630.845	0.73	Pupa	2R:-:51679390-51679487,516785 30-51678615	exon=> In CDS Exon 3 and 2 of transcript AGAP004197-PA
JHU_Ag_6033	VTHFLENEAK	AGAP004197-PA	-	62	1.02E-05	2	1187.604	-0.96	Ovary	2R:-:51678644-51678615	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_10250	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	131	1.26E-12	1	1607.802	-0.18	Ovary	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_10404	AGSAVDDFINQLLPLIEK	AGAP004197-PA	-	120	6.86E-12	1	1943.052	1.56	Ovary	2R:-:51678530-51678644,516776 17-51677809	exon=> In CDS Exon 4 and 3 of transcript AGAP004197-PA
JHU_Ag_10762	YGPSLMPGGHPDAWPLIK	AGAP004197-PA	M6(Oxidation)	52	9.31E-05	1	1951.982	4.08	Larva	2R:-:51677682-51677629	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_12084	SNGDPCCEWVGEGGAGHFVK	AGAP004197-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	33	0.002246 234	1	2162.905	1.46	Malpighian tubule	2R:-:51677534-51677475	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_12749	WTAIAALHHGVPVTLIGEAVFSR	AGAP004197-PA	-	144	1.30E-14	1	2445.355	5.89	Ovary	2R:-:51677237-51677169	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_13231	NPQLSNLLLDDFFKK	AGAP004197-PA	-	82	6.49E-08	1	1791.964	-0.21	Ovary	2R:-:51676886-51676842	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_13409	GTNIIGATSLQDMVNK	AGAP004197-PA	M13(Oxidation)	98	2.19E-09	2	1661.856	2.23	Malpighian tubule	2R:-:51678614-51678567	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_14122	VTHFLENEAK	AGAP004197-PA	-	41	0.001464 198	2	1187.608	1.92	Malpighian tubule	2R:-:51678644-51678615	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_15630	AGSAVDDFINQLLPLIEK	AGAP004197-PA	-	85	2.31E-08	1	1943.053	2.44	Malpighian tubule	2R:-:51678530-51678644,516776 17-51677809	exon=> In CDS Exon 4 and 3 of transcript AGAP004197-PA
JHU_Ag_16324	EVVSQAVLWGVPVPALSAALAFFDGY R	AGAP004197-PA	-	64	3.01E-06	1	2862.522	0.92	Midgut	2R:-:51676811-51676731	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_18889	FVHTNWTGK	AGAP004197-PA	-	38	0.003340 055	1	1089.548	0	Ovary	2R:-:51676643-51676617	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_20053	GDVIIDGGNSEHQDSAR	AGAP004197-PA	-	123	5.30E-12	1	1769.804	-0.42	Midgut	2R:-:51677808-51677758	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_21412	YGPSLMPGGHPDAWPLIK	AGAP004197-PA	M6(Oxidation)	84	5.70E-08	1	1951.971	-1.08	Ovary	2R:-:51677682-51677629	exon=> In CDS Exon 4 of transcript AGAP004197-PA

JHU_Ag_22164	WTAIAALHHGVPVTLIGEAVFSR	AGAP004197-PA	-	110	4.60E-11	1	2445.335	-2.27	Visceras	2R:-:51677237-51677169	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_22999	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	97	2.75E-09	1	1607.808	3.31	Male reproductive organs	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_26431	NPQLSNLLLDDFFK	AGAP004197-PA	-	127	2.36E-12	1	1663.878	5.65	Larva	2R:-:51676886-51676845	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_26531	GTNIIGATSLQDMVNK	AGAP004197-PA	M13(Oxidation)	110	1.85E-10	2	1661.849	-2.47	Midgut	2R:-:51678614-51678567	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_28506	DDEGYLLER	AGAP004197-PA	-	36	0.003100428	2	1109.514	2.46	Midgut	2R:-:51677300-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_28588	LPANLLQAQR	AGAP004197-PA	-	77	6.27E-08	1	1123.661	2.26	Malpighian tubule	2R:-:51676721-51676692	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_28596	DYFGAHTYELLGK	AGAP004197-PA	-	58	2.34E-05	1	1513.733	0.41	Ovary	2R:-:51676691-51676653	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_29280	DILNYRDDEGYLLER	AGAP004197-PA	-	91	1.11E-08	1	1883.917	1.84	Visceras	2R:-:51677318-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_30388	AGSAVDDFINQLLPLIEK	AGAP004197-PA	-	102	4.36E-10	1	1943.052	1.63	Pupa	2R:-:51678530-51678644,51677617-51677809	exon=> In CDS Exon 4 and 3 of transcript AGAP004197-PA
JHU_Ag_30661	LPANLLQAQR	AGAP004197-PA	-	79	4.31E-08	1	1123.658	-0.02	Midgut	2R:-:51676721-51676692	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_31362	NPQLSNLLLDDFFKK	AGAP004197-PA	-	134	3.99E-13	1	1791.966	1.29	Midgut	2R:-:51676886-51676842	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_31525	EMAQEFDEWNK	AGAP004197-PA	M2(Oxidation)	28	0.00401937	2	1442.593	2.75	Larva	2R:-:51677387-51677355	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_31633	GFVVCAYNR	AGAP004197-PA	C5(Carbamidomethyl)	46	0.000249684	2	1085.520	-0.01	Pupa	2R:-:51679417-51679391	exon=> In CDS Exon 2 of transcript AGAP004197-PA
JHU_Ag_32230	GTNIIGATSLQDMVNK	AGAP004197-PA	M13(Oxidation)	84	5.56E-08	1	1677.850	1.39	Male reproductive organs	2R:-:51678614-51678567	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_34659	NPQLSNLLLDDFFKK	AGAP004197-PA	-	123	4.28E-12	1	1791.968	2.18	Malpighian tubule	2R:-:51676886-51676842	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_36205	DYFGAHTYELLGK	AGAP004197-PA	-	86	4.09E-08	1	1513.734	1.3	Visceras	2R:-:51676691-51676653	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_36741	AGSAVDDFINQLLPLIEK	AGAP004197-PA	N10(Deamidated)	42	0.0004397	2	1943.050	1	Midgut	2R:-:51678530-51678644,51677617-51677809	exon=> In CDS Exon 4 and 3 of transcript AGAP004197-PA
JHU_Ag_39289	GVLDSFLIEITR	AGAP004197-PA	-	100	5.48E-10	1	1362.766	2.19	Malpighian tubule	2R:-:51677354-51677319	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_39844	LPANLLQAQR	AGAP004197-PA	-	78	5.57E-08	1	1123.661	2.15	Ovary	2R:-:51676721-51676692	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_39891	NPQLSNLLLDDFFK	AGAP004197-PA	-	121	1.25E-11	1	1663.867	-1.4	Midgut	2R:-:51676886-51676845	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_42152	WTAIAALHHGVPVTLIGEAVFSR	AGAP004197-PA	-	87	9.20E-09	1	2445.338	-1.07	Head	2R:-:51677237-51677169	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_42522	DILNYRDDEGYLLER	AGAP004197-PA	-	64	5.23E-06	1	1883.930	8.58	Larva	2R:-:51677318-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_43334	NPQLSNLLLDDFFKK	AGAP004197-PA	-	40	0.000853577	1	1791.966	1.32	Pupa	2R:-:51676886-51676842	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_44741	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	139	1.95E-13	1	1607.803	0.12	Malpighian tubule	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_45881	GDVIIDGGNSEHQDSAR	AGAP004197-PA	-	131	8.52E-13	1	1769.805	-0.07	Ovary	2R:-:51677808-51677758	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_50480	DDEGYLLER	AGAP004197-PA	-	52	6.60E-05	2	1109.509	-2.16	Malpighian tubule	2R:-:51677300-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_51018	IVSYAQGFMLLR	AGAP004197-PA	M9(Oxidation)	64	3.73E-06	2	1413.760	2.91	Malpighian tubule	2R:-:51677039-51677004	exon=> In CDS Exon 5 of transcript AGAP004197-PA

JHU_Ag_53301	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	107	3.09E-10	1	1607.804	0.73	Pupa	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_54476	IVSYAQGFMLLR	AGAP004197-PA	M9(Oxidation)	72	6.56E-07	1	1413.756	-0.11	Ovary	2R:-:51677039-51677004	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_55322	NPQLSNLLLDDFFKK	AGAP004197-PA	-	74	3.29E-07	1	1791.967	1.52	Visceras	2R:-:51676886-51676842	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_56107	EMAQEFDEWNK	AGAP004197-PA	M2(Oxidation)	82	2.10E-08	2	1442.589	-0.3	Midgut	2R:-:51677387-51677355	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_56707	GDVIIDGGNSEHQDSAR	AGAP004197-PA	-	131	9.38E-13	1	1769.807	0.9	Head	2R:-:51677808-51677758	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_58034	NPQLSNLLLDDFFK	AGAP004197-PA	-	132	9.48E-13	1	1663.869	0.22	Ovary	2R:-:51676886-51676845	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_59190	IVSYAQGFMLLR	AGAP004197-PA	M9(Oxidation)	73	4.95E-07	2	1413.756	-0.11	Midgut	2R:-:51677039-51677004	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_60817	DILNYRDDEGYLLER	AGAP004197-PA	-	102	9.56E-10	1	1883.916	1.26	Midgut	2R:-:51677318-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_61035	VTHFLENEAK	AGAP004197-PA	-	46	0.000462397	1	1187.600	-4.56	Head	2R:-:51678644-51678615	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_62439	DDEGYLLER	AGAP004197-PA	-	65	3.74E-06	2	1109.512	1.25	Pupa	2R:-:51677300-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_63323	WTAIAALHHGVPVTLIGEAVFSR	AGAP004197-PA	-	119	5.85E-12	1	2445.340	-0.1	Midgut	2R:-:51677237-51677169	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_64866	GVLDSFLIEITR	AGAP004197-PA	-	102	3.74E-10	2	1362.767	2.82	Midgut	2R:-:51677354-51677319	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_65815	LPANLLQAQR	AGAP004197-PA	-	64	1.18E-06	1	1123.662	3.24	Larva	2R:-:51676721-51676692	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_66220	NPQLSNLLLDDFFKK	AGAP004197-PA	-	100	8.57E-10	1	1791.970	3.2	Head	2R:-:51676886-51676842	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_66348	GDVIIDGGNSEHQDSAR	AGAP004197-PA	-	51	9.34E-05	2	1769.807	1.31	Malpighian tubule	2R:-:51677808-51677758	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_66466	GVLDSFLIEITR	AGAP004197-PA	-	90	6.82E-09	1	1362.760	-1.93	Ovary	2R:-:51677354-51677319	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_66568	DDEGYLLER	AGAP004197-PA	-	58	1.75E-05	2	1109.510	-0.84	Head	2R:-:51677300-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_66640	YGPSLMPGGHPDAWPLIK	AGAP004197-PA	M6(Oxidation)	78	2.11E-07	1	1951.973	-0.07	Midgut	2R:-:51677682-51677629	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_67341	GTNIIGATSLQDMVNK	AGAP004197-PA	M13(Oxidation)	124	6.74E-12	1	1677.849	1.02	Ovary	2R:-:51678614-51678567	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_68102	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	124	6.17E-12	1	1607.803	0.28	Midgut	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_75116	DYFGAHTYELLGK	AGAP004197-PA	-	75	5.39E-07	1	1513.732	-0.31	Malpighian tubule	2R:-:51676691-51676653	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_76163	IVSYAQGFMLLR	AGAP004197-PA	M9(Oxidation)	84	4.03E-08	1	1413.764	5.84	Larva	2R:-:51677039-51677004	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_78038	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	35	0.005096474	2	1607.809	3.92	Head	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_78725	YGPSLMPGGHPDAWPLIK	AGAP004197-PA	M6(Oxidation)	71	1.16E-06	1	1951.978	2.11	Pupa	2R:-:51677682-51677629	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_79661	DILNYRDDEGYLLER	AGAP004197-PA	-	109	2.16E-10	1	1883.912	-0.82	Malpighian tubule	2R:-:51677318-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_80377	GFVVCAYNR	AGAP004197-PA	C5(Carbamidomethyl)	42	0.000621427	2	1085.519	-0.46	Ovary	2R:-:51679417-51679391	exon=> In CDS Exon 2 of transcript AGAP004197-PA
JHU_Ag_80749	GTNIIGATSLQDMVNK	AGAP004197-PA	M13(Oxidation)	104	5.76E-10	2	1677.853	2.91	Pupa	2R:-:51678614-51678567	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_80991	LPANLLQAQR	AGAP004197-PA	-	71	2.58E-07	2	1123.659	0.52	Pupa	2R:-:51676721-51676692	exon=> In CDS Exon 5 of transcript AGAP004197-PA

JHU_Ag_82395	WTAIAALHHGVPVTLIGEAVFSR	AGAP004197-PA	-	138	5.39E-14	1	2445.348	3.05	Malpighian tubule	2R:-:51677237-51677169	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_86008	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	93	7.68E-09	2	1607.800	-1.47	Visceras	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_86771	GVLDSFLIEITR	AGAP004197-PA	-	101	4.66E-10	2	1362.766	2.19	Pupa	2R:-:51677354-51677319	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_87470	ADIALIGLAVMGQNLILNMDSK	AGAP004197-PA	M11(Oxidation), M19(Oxidation)	130	9.48E-13	1	2332.221	-1.77	Malpighian tubule	2R:-:51679483-51679418	exon=> In CDS Exon 2 of transcript AGAP004197-PA
JHU_Ag_88432	FVHTNWTGK	AGAP004197-PA	-	43	0.000868075	1	1089.546	-1.34	Malpighian tubule	2R:-:51676643-51676617	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_91310	GVLDSFLIEITR	AGAP004197-PA	-	32	0.003473405	2	1362.764	1.02	Larva	2R:-:51677354-51677319	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_91499	DYFGAHTYELLGK	AGAP004197-PA	-	96	3.87E-09	1	1513.730	-1.2	Midgut	2R:-:51676691-51676653	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_91721	GILYVGSGVSGGEEGAR	AGAP004197-PA	-	82	9.37E-08	2	1607.800	-1.77	Salivary gland	2R:-:51677733-51677683	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_92154	AGSAVDDFINQLLPLIEKGDVIIDGGNSEHQDSAR	AGAP004197-PA	-	107	1.71E-10	1	3693.856	5.4	Pupa	2R:-:51678530-51678644,51677617-51677758	exon=> In CDS Exon 4 and 3 of transcript AGAP004197-PA
JHU_Ag_94587	AMMDNQQSWR	AGAP004197-PA	M2(Oxidation), M3(Oxidation)	79	3.34E-08	1	1298.523	-1.77	Midgut	2R:-:51676841-51676812	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_97283	NPQLSNLLLDDFFKK	AGAP004197-PA	-	61	6.09E-06	2	1791.977	7.35	Larva	2R:-:51676886-51676842	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_100662	AGSAVDDFINQLLPLIEK	AGAP004197-PA	-	32	0.006525295	1	1943.029	-9.81	Head	2R:-:51678530-51678644,51677617-51677809	exon=> In CDS Exon 4 and 3 of transcript AGAP004197-PA
JHU_Ag_101806	DILNYRDDEGYLLER	AGAP004197-PA	-	98	2.57E-09	1	1883.916	1.52	Ovary	2R:-:51677318-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_102308	LPANLLQAQR	AGAP004197-PA	-	78	4.74E-08	1	1123.662	3.46	Male reproductive organs	2R:-:51676721-51676692	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_105261	SNGDPCCEWVGEGGAGHFVK	AGAP004197-PA	C6(Carbamidomethyl), C7(Carbamidomethyl),"N2 (Deamidated), C6(Carbamidomethyl), C7(Carbamidomethyl)"	81	2.94E-08	1	2163.890	1.88	Midgut	2R:-:51677534-51677475	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_105484	DDEGYLLER	AGAP004197-PA	-	63	5.91E-06	2	1109.511	0.04	Ovary	2R:-:51677300-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_106619	GDVIIDGGNSEHQDSAR	AGAP004197-PA	Q13(Deamidated),N9(Deamidated)	131	9.31E-13	1	1769.806	0.83	Pupa	2R:-:51677808-51677758	exon=> In CDS Exon 4 of transcript AGAP004197-PA
JHU_Ag_107411	VTHFLENEAK	AGAP004197-PA	-	35	0.005512001	1	1187.605	-0.86	Midgut	2R:-:51678644-51678615	exon=> In CDS Exon 3 of transcript AGAP004197-PA
JHU_Ag_107795	DIFQAICAK	AGAP004197-PA	C7(Carbamidomethyl)	48	0.000205607	2	1065.541	1.42	Ovary	2R:-:51677628-51677861,51676581-51677535	exon=> In CDS Exon 5 and 4 of transcript AGAP004197-PA
JHU_Ag_109479	TVDKVTHFLENEAK	AGAP004197-PA	-	104	7.12E-10	1	1630.846	1.33	Malpighian tubule	2R:-:51679390-51679487,51678530-51678615	exon=> In CDS Exon 3 and 2 of transcript AGAP004197-PA
JHU_Ag_109725	TVDKVTHFLENEAK	AGAP004197-PA	-	75	4.94E-07	1	1630.837	-3.76	Male reproductive organs	2R:-:51679390-51679487,51678530-51678615	exon=> In CDS Exon 3 and 2 of transcript AGAP004197-PA
JHU_Ag_111125	TVDKVTHFLENEAK	AGAP004197-PA	-	70	1.50E-06	1	1630.839	-2.56	Midgut	2R:-:51679390-51679487,51678530-51678615	exon=> In CDS Exon 3 and 2 of transcript AGAP004197-PA
JHU_Ag_112461	NPQLSNLLLDDFFK	AGAP004197-PA	-	72	8.66E-07	1	1663.872	1.76	Malpighian tubule	2R:-:51676886-51676845	exon=> In CDS Exon 5 of transcript AGAP004197-PA

JHU_Ag_113720	DILNYRDDEGYLLER	AGAP004197-PA	-	112	9.38E-11	1	1883.916	1.19	Pupa	2R:-:51677318-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_114355	DILNYRDDEGYLLER	AGAP004197-PA	-	85	4.38E-08	1	1883.916	1.32	Male reproductive organs	2R:-:51677318-51677274	exon=> In CDS Exon 5 of transcript AGAP004197-PA
JHU_Ag_10375	AGGLGPIWEAASEGAR	AGAP004199-PA	-	96	3.94E-09	1	1541.777	4.21	Male reproductive organs	2R:-:51700736-51700689	exon=> In CDS Exon 3 of transcript AGAP004199-PA
JHU_Ag_12140	DDSDYFYLYR	AGAP004199-PA	-	73	1.88E-07	2	1356.575	0.43	Head	2R:-:51699707-51699678	exon=> In CDS Exon 5 of transcript AGAP004199-PA
JHU_Ag_19137	IYLDEQQTYLNTDLFSPPVAR	AGAP004199-PA	-	79	1.66E-07	2	2483.259	5.62	Midgut	2R:-:51699572-51699510	exon=> In CDS Exon 5 of transcript AGAP004199-PA
JHU_Ag_19274	FIENGGDIDATVR	AGAP004199-PA	-	52	0.000117761	2	1406.686	-3.57	Midgut	2R:-:51699485-51699881,51699190-51699253	exon=> In CDS Exon 6 and 5 of transcript AGAP004199-PA
JHU_Ag_27236	LQACSAYEYLEK	AGAP004199-PA	C4(Carbamidomethyl)	76	3.10E-07	1	1474.689	0.73	Male reproductive organs	2R:-:51701154-51701352,51700675-51701004	exon=> In CDS Exon 3 and 2 of transcript AGAP004199-PA
JHU_Ag_38353	TNAEYLLADR	AGAP004199-PA	-	52	9.11E-05	2	1165.582	-2.25	Male reproductive organs	2R:-:51701783-51701888,51701131-51701332	exon=> In CDS Exon 2 and 1 of transcript AGAP004199-PA
JHU_Ag_39548	LEIWNFDPNPTTR	AGAP004199-PA	-	72	9.20E-07	1	1602.792	0.55	Male reproductive organs	2R:-:51700688-51701015,51699963-51700581	exon=> In CDS Exon 4 and 3 of transcript AGAP004199-PA
JHU_Ag_42472	FIENGGDIDATVR	AGAP004199-PA	-	58	3.13E-05	2	1406.693	1.28	Malpighian tubule	2R:-:51699485-51699881,51699190-51699253	exon=> In CDS Exon 6 and 5 of transcript AGAP004199-PA
JHU_Ag_82099	LEIWNFDPNPTTR	AGAP004199-PA	-	48	0.000226041	2	1602.789	-1.2	Midgut	2R:-:51700688-51701015,51699963-51700581	exon=> In CDS Exon 4 and 3 of transcript AGAP004199-PA
JHU_Ag_88776	DDSDYFYLYR	AGAP004199-PA	-	78	6.40E-08	2	1356.580	4.03	Midgut	2R:-:51699707-51699678	exon=> In CDS Exon 5 of transcript AGAP004199-PA
JHU_Ag_110968	AGGLGPIWEAASEGAR	AGAP004199-PA	-	66	3.64E-06	2	1541.772	0.57	Midgut	2R:-:51700736-51700689	exon=> In CDS Exon 3 of transcript AGAP004199-PA
JHU_Ag_116949	IYLDEQQTYLNTDLFSPPVAR	AGAP004199-PA	-	71	1.28E-06	2	2483.248	1.1	Male reproductive organs	2R:-:51699572-51699510	exon=> In CDS Exon 5 of transcript AGAP004199-PA
JHU_Ag_80633	FIVNK	AGAP004202-PA	-	29	0.003057481	1	620.378	2.75	Visceras	2R:-:51784197-51784183	exon=> In CDS Exon 2 of transcript AGAP004202-PA
JHU_Ag_27711	VQVYIR	AGAP004203-PA	Q2(Deamidated)	34	0.002911774	2	778.447	0.94	Salivary gland	2R:+:51788375-51788392	exon=> In CDS Exon 2 of transcript AGAP004203-PA
JHU_Ag_96384	VQVYIR	AGAP004203-PA	Q2(Deamidated)	38	0.00142166	2	778.448	2.59	Malpighian tubule	2R:+:51788375-51788392	exon=> In CDS Exon 2 of transcript AGAP004203-PA
JHU_Ag_31658	NAAGTLASGQQPR	AGAP004204-PA	-	96	2.54E-09	1	1270.653	2.15	Malpighian tubule	2R:-:51856139-51856101	exon=> In CDS Exon 3 of transcript AGAP004204-PA
JHU_Ag_34069	GAAGALLVYDTTSR	AGAP004204-PA	-	40	0.001386575	2	1394.729	1.39	Male reproductive organs	2R:-:51856487-51856446	exon=> In CDS Exon 3 of transcript AGAP004204-PA
JHU_Ag_36792	IGSGIQYGDTSAR	AGAP004204-PA	-	54	6.53E-05	2	1324.650	0.83	Male reproductive organs	2R:-:51856178-51856140	exon=> In CDS Exon 3 of transcript AGAP004204-PA
JHU_Ag_52848	IETGELDPERIGSGIQYGDTSAR	AGAP004204-PA	-	69	1.86E-06	1	2464.209	5.48	Malpighian tubule	2R:-:51856208-51856140	exon=> In CDS Exon 3 of transcript AGAP004204-PA
JHU_Ag_3505	IVQTPFLDALAK	AGAP004205-PA	-	36	0.001191679	2	1315.764	1.52	Pupa	2R:+:51859448-51859483	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_7382	TNLYDPGMAEPMFIR	AGAP004205-PA	M8(Oxidation), M12(Oxidation)	71	1.01E-06	1	1786.821	4.06	Larva	2R:+:51860174-51860218	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_9790	YDLAAQYTTISR	AGAP004205-PA	-	96	3.45E-09	2	1401.700	-0.3	Midgut	2R:+:51860027-51860062	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_16004	VHSISSVLGK	AGAP004205-PA	-	31	0.003384176	1	1026.597	2.76	Larva	2R:+:51859628-51859657	exon=> In CDS Exon 2 of transcript AGAP004205-PA

JHU_Ag_34801	YDLAAQYTTISR	AGAP004205-PA	-	95	4.57E-09	2	1401.702	0.75	Pupa	2R:+:51860027-51860062	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_35605	HVGPDETYKFDYER	AGAP004205-PA	-	78	2.02E-07	1	1755.805	4.41	Larva	2R:+:51859691-51859732	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_41441	LDQGVGLVLK	AGAP004205-PA	-	76	1.51E-07	2	1041.632	1.37	Larva	2R:+:51860063-51860092	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_51947	YDLAAQYTTISR	AGAP004205-PA	-	86	4.12E-08	2	1401.709	5.54	Larva	2R:+:51860027-51860062	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_58820	TEEQYPINQVGR	AGAP004205-PA	-	45	0.000677412	2	1433.705	2.28	Larva	2R:+:51859733-51859768	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_69374	LDQGVGLVLK	AGAP004205-PA	-	64	2.32E-06	2	1041.632	1.37	Pupa	2R:+:51860063-51860092	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_71282	TLANQPVPWYK	AGAP004205-PA	-	73	8.69E-07	1	1316.706	4.79	Larva	2R:+:51860558-51860590	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_73314	TLANQPVPWYK	AGAP004205-PA	-	43	0.000825181	2	1316.700	0.16	Midgut	2R:+:51860558-51860590	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_80579	HVGPDETYKFDYER	AGAP004205-PA	-	58	1.96E-05	1	1755.797	0.03	Pupa	2R:+:51859691-51859732	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_99249	TLANQPVPWYK	AGAP004205-PA	-	44	0.00066153	2	1316.700	-0.12	Pupa	2R:+:51860558-51860590	exon=> In CDS Exon 2 of transcript AGAP004205-PA
JHU_Ag_61197	LLEVLKK	AGAP004206-PA	-	46	3.19E-05	2	842.570	-0.99	Midgut	2R:+:51861732-51861752	exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_78893	LLEVLK	AGAP004206-PA	-	28	0.002719249	1	714.475	-1.49	Ovary	2R:+:51861732-51861749	exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_34735	AIQLIK	AGAP004207-PA	Q3(Deamidated)	28	0.003626089	1	686.445	0.04	Pupa	2R:-:51865653-51865636	exon=> In CDS Exon 3 of transcript AGAP004207-PA
JHU_Ag_38734	AIQLIK	AGAP004207-PA	Q3(Deamidated)	28	0.003702017	1	686.444	-1.3	Head	2R:-:51865653-51865636	exon=> In CDS Exon 3 of transcript AGAP004207-PA
JHU_Ag_86442	AIQLIK	AGAP004207-PA	Q3(Deamidated)	28	0.003685008	1	686.445	0.3	Larva	2R:-:51865653-51865636	exon=> In CDS Exon 3 of transcript AGAP004207-PA
JHU_Ag_91391	AIQLIK	AGAP004207-PA	Q3(Deamidated)	28	0.003415376	1	686.444	-0.41	Midgut	2R:-:51865653-51865636	exon=> In CDS Exon 3 of transcript AGAP004207-PA
JHU_Ag_7487	WGAGYTGGEDPLNLLR	AGAP004209-PA	-	101	1.50E-09	2	1718.855	3.15	Head	2R:+:51893013-51893060	exon=> In CDS Exon 12 of transcript AGAP004209-PA
JHU_Ag_13721	NNISAECTFGTLQPIYLPPHAVSIPR	AGAP004209-PA	C7(Carbamidomethyl)	85	2.77E-08	1	2895.505	7.77	Head	2R:+:51886857-51886934	exon=> In CDS Exon 4 of transcript AGAP004209-PA
JHU_Ag_64655	SISEEITTENR	AGAP004209-PA	-	56	4.08E-05	2	1278.616	-1.06	Head	2R:+:51890861-51890893	exon=> In CDS Exon 6 of transcript AGAP004209-PA
JHU_Ag_72734	FGLQSHQIEDYR	AGAP004209-PA	-	62	1.12E-05	1	1492.719	0.89	Head	2R:+:51892020-51892055	exon=> In CDS Exon 9 of transcript AGAP004209-PA
JHU_Ag_77219	NYEHILTEFLGFENK	AGAP004209-PA	-	61	1.25E-05	2	1853.913	3.1	Head	2R:+:51892260-51892304	exon=> In CDS Exon 9 of transcript AGAP004209-PA
JHU_Ag_77987	LQDPTPVPGLHR	AGAP004209-PA	-	51	0.000106713	1	1329.729	1.13	Head	2R:+:51891736-51891771	exon=> In CDS Exon 8 of transcript AGAP004209-PA
JHU_Ag_94218	LQVENAYVIIPVDNDTTVK	AGAP004209-PA	-	36	0.002464835	1	2131.130	0.69	Head	2R:+:51891936-51891992	exon=> In CDS Exon 9 of transcript AGAP004209-PA
JHU_Ag_102482	SGGCQGLELISSFR	AGAP004209-PA	C4(Carbamidomethyl)	86	3.71E-08	1	1510.734	1.65	Head	2R:+:51892588-51892629	exon=> In CDS Exon 10 of transcript AGAP004209-PA
JHU_Ag_105063	IHLHSDIPVQVDGEPWVQSPGDVVVLK	AGAP004209-PA	Q18(Deamidated)	115	2.34E-11	1	2963.562	-0.23	Head	2R:+:51895562-51895642	exon=> In CDS Exon 15 of transcript AGAP004209-PA
JHU_Ag_108178	YRDDEYVPR	AGAP004209-PA	-	58	1.91E-05	2	1212.562	-2.34	Head	2R:+:51890894-51890920	exon=> In CDS Exon 6 of transcript AGAP004209-PA
JHU_Ag_18725	SPSITSVTGNLFSGLK	AGAP004211-PA	-	72	5.89E-07	2	1607.868	2.48	Ovary	2R:+:51931696-51931743	exon=> In CDS Exon 4 of transcript AGAP004211-PA
JHU_Ag_40297	SPSITSVTGNLFSGLK	AGAP004211-PA	-	38	0.001396658	1	1607.873	5.52	Malpighian tubule	2R:+:51931696-51931743	exon=> In CDS Exon 4 of transcript AGAP004211-PA

JHU_Ag_76026	IGVFPDNFVSLLPPEGGK	AGAP004211-PA	-	64	3.66E-06	2	1886.014	4.19	Ovary	2R:+:51931111-51931164	exon=> In CDS Exon 4 of transcript AGAP004211-PA
JHU_Ag_79663	VLESQDKNQVVLR	AGAP004211-PA	-	70	4.60E-07	2	1527.854	3.39	Malpighian tubule	2R:+:51930356-51930393,51930482-51930482	exon=> In CDS Exon 2 and 3 of transcript AGAP004211-PA
JHU_Ag_81876	LVEGDIITILSK	AGAP004211-PA	-	45	6.44E-05	2	1300.782	7.28	Head	2R:+:51931030-51931065	exon=> In CDS Exon 4 of transcript AGAP004211-PA
JHU_Ag_82115	IGVFPDNFVSLLPPEGGKSSAHISASVR	AGAP004211-PA	-	30	0.006058938	1	2881.536	5.11	Malpighian tubule	2R:+:51931111-51931194	exon=> In CDS Exon 4 of transcript AGAP004211-PA
JHU_Ag_82617	IGVFPDNFVSLLPPEGGK	AGAP004211-PA	-	45	0.00022361	2	1886.019	6.85	Malpighian tubule	2R:+:51931111-51931164	exon=> In CDS Exon 4 of transcript AGAP004211-PA
JHU_Ag_107919	QLATQNGLIEELTR	AGAP004211-PA	-	59	1.50E-05	2	1585.859	2.88	Head	2R:+:51933052-51933093	exon=> In CDS Exon 4 of transcript AGAP004211-PA
JHU_Ag_114558	LVEGDIITILSK	AGAP004211-PA	-	46	6.08E-05	2	1300.773	0.9	Ovary	2R:+:51931030-51931065	exon=> In CDS Exon 4 of transcript AGAP004211-PA
JHU_Ag_208	TWVQSEHK	AGAP004212-PA	-	37	0.002066456	1	1014.497	-3.61	Salivary gland	2R:-:51940895-51940872	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_1826	KVHVIFSYK	AGAP004212-PA	-	65	1.20E-06	1	1120.654	2.33	Larva	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_2863	AEEEAAAEEAAKDDEDEDDEDDADNALPGEATELDDEGHDEL	AGAP004212-PA	-	166	2.49E-17	1	4502.757	1.15	Malpighian tubule	2R:-:51938219-51938094	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_3752	FYNDAEADKGLQTSQDAR	AGAP004212-PA	-	89	1.39E-08	1	2028.927	0.78	Visceras	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_3769	DLHGETPYLVMFGPDICGPGTKK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl),C17(Carbamidomethyl)	123	7.99E-12	1	2548.219	-0.96	Midgut	2R:-:51938960-51938892	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_4002	VYFEEGFKDDSWQK	AGAP004212-PA	-	89	1.79E-08	1	1777.816	5.4	Larva	2R:-:51941056-51941107,51940805-51940896	exon=> In CDS Exon 2 and 1 of transcript AGAP004212-PA
JHU_Ag_4262	ADNTYEVLIDNEK	AGAP004212-PA	-	101	1.18E-09	1	1523.723	0.49	Pupa	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_5295	KAEEEAAAEEAAK	AGAP004212-PA	-	77	2.84E-07	2	1346.650	4.7	Larva	2R:-:51938222-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_5528	FYALSNK	AGAP004212-PA	-	39	0.000889093	2	842.441	0.02	Salivary gland	2R:-:51939101-51939081	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_5805	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	64	5.79E-06	1	2688.301	2.44	Larva	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_5961	VYFEEGFKDDSWQK	AGAP004212-PA	-	46	0.00031901	2	1777.812	2.92	Malpighian tubule	2R:-:51941056-51941107,51940805-51940896	exon=> In CDS Exon 2 and 1 of transcript AGAP004212-PA
JHU_Ag_5974	DAQEAEER	AGAP004212-PA	-	44	0.000172271	1	947.406	-0.17	Ovary	2R:-:51938249-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_6367	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl)	135	5.65E-13	1	2420.139	5.14	Larva	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_7201	FYNDAEADKGLQTSQDAR	AGAP004212-PA	-	150	1.27E-14	1	2028.930	2.17	Larva	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_7414	AEEEAAAEEAAK	AGAP004212-PA	-	89	9.25E-09	1	1218.549	0.78	Head	2R:-:51938219-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_8739	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl),C17(Carbamidomethyl)	93	7.11E-09	1	2420.129	1.36	Pupa	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_10482	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	77	3.17E-07	1	1961.945	-2.03	Head	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_10577	ATIADPDDTKPEDWDKPEHIPDPDATKPDDWDDEMDGEWEPPMIDNPEYK	AGAP004212-PA	M35(Oxidation), M43(Oxidation)	54	9.10E-06	1	5853.499	3.18	Larva	2R:-:51938654-51938505	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_10828	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	150	1.79E-14	1	2688.297	0.99	Salivary gland	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_11151	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	121	1.21E-11	1	1899.939	-1.84	Midgut	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_11939	ADNTYEVLIDNEK	AGAP004212-PA	-	115	4.13E-11	1	1523.729	4.49	Larva	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_12407	FYALSNK	AGAP004212-PA	-	37	0.001405876	1	842.442	1.2	Pupa	2R:-:51939101-51939081	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_13675	VYFEEGFK	AGAP004212-PA	-	52	7.76E-05	1	1018.489	0.86	Malpighian tubule	2R:-:51941056-51941033	exon=> In CDS Exon 1 of transcript AGAP004212-PA
JHU_Ag_14907	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	102	7.49E-10	2	2086.087	0.64	Pupa	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_16801	ADNTYEVLIDNEK	AGAP004212-PA	-	87	2.61E-08	1	1523.727	2.81	Midgut	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_17199	FYNDAEADK	AGAP004212-PA	-	55	9.97E-06	1	1072.457	-1	Salivary gland	2R:-:51940832-51940806	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_17455	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	114	6.40E-11	1	1631.810	0	Midgut	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_18002	DDTLVIQFSVK	AGAP004212-PA	-	68	1.96E-06	1	1264.681	1.92	Malpighian tubule	2R:-:51939059-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_18094	DDVFTHFYTLVVR	AGAP004212-PA	-	86	4.08E-08	1	1611.822	3.3	Malpighian tubule	2R:-:51938828-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_18199	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	118	2.40E-11	1	1631.809	-0.3	Salivary gland	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_18268	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	69	2.07E-06	1	1961.950	0.53	Male reproductive organs	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_18349	GLQTSQDAR	AGAP004212-PA	-	51	0.000120761	2	975.484	-1.11	Ovary	2R:-:51940805-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_19469	VHVIFSYK	AGAP004212-PA	-	42	0.000695514	1	992.556	-0.51	Midgut	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_20289	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	121	1.17E-11	1	1961.955	3.08	Midgut	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_20847	VESGSLEDDWDFLPPK	AGAP004212-PA	-	88	2.46E-08	1	1833.858	2.3	Head	2R:-:51938750-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_21673	SGTIFDNFMITNDLEEAKK	AGAP004212-PA	M9(Oxidation),N12(Deamidated)	131	1.15E-12	1	2173.050	0.62	Midgut	2R:-:51938354-51938298	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_21773	GLQTSQDAR	AGAP004212-PA	-	52	9.08E-05	2	975.484	-1.11	Male reproductive organs	2R:-:51940805-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_22696	IKDPEAK	AGAP004212-PA	-	39	0.001391419	2	800.451	-0.09	Midgut	2R:-:51938699-51938679	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_22705	VFDCSVDQKDLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	C4(Carbamidomethyl), C26(Carbamidomethyl)	58	1.91E-05	1	3482.606	-0.32	Malpighian tubule	2R:-:51938987-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_23105	SGTIFDNFMITNDLEEAKK	AGAP004212-PA	M9(Oxidation),"M9(Oxidation), N12(Deamidated)"	141	1.25E-13	2	2173.047	-0.51	Malpighian tubule	2R:-:51938354-51938298	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_23361	VFDCSVDQK	AGAP004212-PA	C4(Carbamidomethyl)	69	1.05E-06	2	1097.496	2.43	Salivary gland	2R:-:51938987-51938961	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_23654	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	107	2.00E-10	1	2055.941	5.57	Larva	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_24097	KPEDWDDR	AGAP004212-PA	-	39	0.000630962	1	1060.469	-0.64	Ovary	2R:-:51938678-51938655	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_24105	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	90	1.11E-08	1	2055.934	2.01	Midgut	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_26308	HEQNIDCGGGYLK	AGAP004212-PA	Q3(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	84	3.77E-08	1	1490.668	-0.95	Head	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_26924	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	110	1.51E-10	1	1899.943	0.19	Salivary gland	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_27203	KVHVIFSYK	AGAP004212-PA	-	45	0.000179197	1	1120.651	-0.77	Male reproductive organs	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_27938	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	98	2.64E-09	1	1631.814	2.77	Malpighian tubule	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_29407	VFDCSVDQK	AGAP004212-PA	C4(Carbamidomethyl)	75	2.39E-07	1	1097.493	-0.36	Pupa	2R:-:51938987-51938961	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_30329	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl)	118	2.26E-11	1	2420.128	0.9	Ovary	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_30866	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	99	2.07E-09	1	1631.811	0.9	Male reproductive organs	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_31157	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	85	3.51E-08	1	2086.086	0.17	Malpighian tubule	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_32686	FYNDAEADK	AGAP004212-PA	-	64	1.31E-06	1	1072.461	2.42	Larva	2R:-:51940832-51940806	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_33043	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	63	5.12E-06	1	2086.091	2.63	Head	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_34571	SGTIFDNFMITNDLEEAKK	AGAP004212-PA	M9(Oxidation)	111	9.67E-11	1	2189.043	-0.3	Salivary gland	2R:-:51938354-51938298	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_34763	VKDAQEAEER	AGAP004212-PA	-	79	1.67E-07	2	1174.570	-0.35	Midgut	2R:-:51938255-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_35096	KAEEEAAAEEAAK	AGAP004212-PA	-	95	3.73E-09	1	1346.640	-2.83	Ovary	2R:-:51938222-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_35161	SGTIFDNFMITNDLEEAKK	AGAP004212-PA	M9(Oxidation)	159	2.09E-15	1	2189.053	4.27	Larva	2R:-:51938354-51938298	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_36032	KPEDWDDR	AGAP004212-PA	-	62	2.99E-06	2	1060.471	1.67	Salivary gland	2R:-:51938678-51938655	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_36080	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	90	1.53E-08	1	2688.296	0.51	Visceras	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_36661	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	87	3.01E-08	1	2688.297	0.92	Male reproductive organs	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_37142	IKDPEAK	AGAP004212-PA	-	34	0.005157723	1	800.453	2.5	Malpighian tubule	2R:-:51938699-51938679	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_37865	VFDCSVDQK	AGAP004212-PA	C4(Carbamidomethyl)	70	7.47E-07	1	1097.494	0.65	Malpighian tubule	2R:-:51938987-51938961	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_38232	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	116	2.26E-11	1	2055.929	-0.01	Salivary gland	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_39255	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	99	1.66E-09	1	1899.953	5.49	Ovary	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_39321	HEQNIDCGGGYLK	AGAP004212-PA	C7(Carbamidomethyl)	93	3.44E-09	1	1490.654	-10.2	Malpighian tubule	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_39884	FYNDAEADKGLQTSQDAR	AGAP004212-PA	N3(Deamidated)	137	2.63E-13	1	2028.926	0.06	Salivary gland	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_40325	VHVIFSYK	AGAP004212-PA	-	60	7.43E-06	1	992.557	0.84	Head	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_40467	VFDCSVDQK	AGAP004212-PA	C4(Carbamidomethyl)	62	5.34E-06	2	1097.493	-0.13	Midgut	2R:-:51938987-51938961	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_40549	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	107	2.28E-10	1	1899.952	5.29	Larva	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_40908	NHLINK	AGAP004212-PA	-	38	0.000544276	1	738.424	-1.9	Head	2R:-:51938861-51938844	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_41507	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	85	4.61E-08	1	1961.952	1.28	Salivary gland	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_41707	DDVFTHFYTLVVR	AGAP004212-PA	-	112	8.58E-11	1	1611.824	4.59	Head	2R:-:51938828-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_42847	KAEEEAAAEEAAK	AGAP004212-PA	-	118	2.08E-11	1	1346.638	-3.91	Head	2R:-:51938222-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_42926	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl)	62	9.43E-06	1	2420.129	0.98	Male reproductive organs	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_43306	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	102	1.09E-09	1	1961.950	0.47	Pupa	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_43725	VYFEEGFKDDSWQK	AGAP004212-PA	-	108	2.07E-10	1	1777.807	0.11	Midgut	2R:-:51941056-51941107,51940805-51940896	exon=> In CDS Exon 2 and 1 of transcript AGAP004212-PA
JHU_Ag_44092	DAQEAEER	AGAP004212-PA	-	41	0.00031931	2	947.406	-0.31	Malpighian tubule	2R:-:51938249-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_44787	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	73	5.24E-07	1	2086.088	1.05	Ovary	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_45840	SGTIFDNFMITNDLEEAK	AGAP004212-PA	M9(Oxidation)	116	3.52E-11	2	2060.948	0.04	Midgut	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_46019	SGTIFDNFMITNDLEEAKK	AGAP004212-PA	M9(Oxidation)	111	9.89E-11	1	2189.043	-0.08	Ovary	2R:-:51938354-51938298	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_47083	KPEDWDDR	AGAP004212-PA	-	43	0.000271646	2	1060.469	-0.06	Malpighian tubule	2R:-:51938678-51938655	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_48083	VFDCSVDQK	AGAP004212-PA	C4(Carbamidomethyl)	66	1.90E-06	1	1097.492	-1.25	Head	2R:-:51938987-51938961	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_48102	VYFEEGFK	AGAP004212-PA	-	36	0.003488923	1	1018.490	1.95	Midgut	2R:-:51941056-51941033	exon=> In CDS Exon 1 of transcript AGAP004212-PA
JHU_Ag_49512	NHLINK	AGAP004212-PA	-	39	0.000434712	1	738.426	0.25	Salivary gland	2R:-:51938861-51938844	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_50149	SGTIFDNFMITNDLEEAKK	AGAP004212-PA	M9(Oxidation)	69	1.68E-06	1	2189.054	4.72	Pupa	2R:-:51938354-51938298	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_50968	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	98	1.69E-09	1	2055.928	-0.6	Pupa	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_51140	TWVQSEHKGVEYGK	AGAP004212-PA	-	68	2.68E-06	1	1647.813	0.19	Pupa	2R:-:51940895-51940854	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_51727	VESGSLEDDWDFLPPK	AGAP004212-PA	-	94	5.73E-09	2	1833.854	0.1	Midgut	2R:-:51938750-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_52729	FYALSNK	AGAP004212-PA	-	39	0.000856933	1	842.440	-0.25	Midgut	2R:-:51939101-51939081	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_53403	IKDPEAK	AGAP004212-PA	-	40	0.001043417	2	800.451	-0.24	Male reproductive organs	2R:-:51938699-51938679	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_53719	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	97	3.74E-09	1	1631.820	5.99	Larva	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_54135	GKNHLINK	AGAP004212-PA	-	44	0.000166346	2	923.542	-0.59	Male reproductive organs	2R:-:51938867-51938844	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_54240	QIDNPAYK	AGAP004212-PA	-	46	0.00035617	1	948.481	2.6	Larva	2R:-:51938486-51938463	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_54617	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	105	4.84E-10	1	1961.949	-0.07	Ovary	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_55923	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl),C17(Carbamidomethyl)	117	2.81E-11	1	2420.133	2.94	Head	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_56538	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	107	3.61E-10	1	2688.297	1.06	Malpighian tubule	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_57212	TWVQSEHKGVEYGK	AGAP004212-PA	-	58	2.83E-05	2	1647.818	3.52	Salivary gland	2R:-:51940895-51940854	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_58690	VHVIFSYK	AGAP004212-PA	-	44	0.000326762	1	992.557	0.73	Larva	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_58692	KVHVIFSYK	AGAP004212-PA	-	71	5.26E-07	1	1120.652	0.58	Salivary gland	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_59200	ADNTYEVLIDNEKVESGSLEDDWDFLPPK	AGAP004212-PA	-	48	0.000175916	1	3338.559	-0.05	Midgut	2R:-:51938789-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_59619	TWVQSEHKGVEYGK	AGAP004212-PA	-	95	5.40E-09	1	1647.811	-0.7	Midgut	2R:-:51940895-51940854	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_61224	DDVFTHFYTLVVR	AGAP004212-PA	-	60	1.50E-05	1	1611.825	5.42	Midgut	2R:-:51938828-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_61566	VHVIFSYK	AGAP004212-PA	-	50	0.000104546	1	992.555	-0.94	Malpighian tubule	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_61600	VFDCSVDQKDLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	C4(Carbamidomethyl), M20(Oxidation), C26(Carbamidomethyl),"C4(Carbamidomethyl), C26(Carbamidomethyl)"	87	2.21E-08	1	3482.600	-1.99	Salivary gland	2R:-:51938987-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_62052	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	94	7.02E-09	2	1631.812	1.5	Pupa	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_62668	FYALSNK	AGAP004212-PA	-	43	0.000376782	1	842.444	3.95	Larva	2R:-:51939101-51939081	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_62848	VHVIFSYK	AGAP004212-PA	-	54	2.78E-05	1	992.558	1.46	Male reproductive organs	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_63533	ADNTYEVLIDNEKVESGSLEDDWDFLPPK	AGAP004212-PA	-	61	8.74E-06	1	3338.566	2.26	Ovary	2R:-:51938789-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_63704	VYFEEGFKDDSWQK	AGAP004212-PA	-	90	1.26E-08	1	1777.808	0.8	Pupa	2R:-:51941056-51941107,51940805-51940896	exon=> In CDS Exon 2 and 1 of transcript AGAP004212-PA
JHU_Ag_64041	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	92	7.58E-09	1	1899.945	1.54	Male reproductive organs	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_64317	HEQNIDCGGGYLK	AGAP004212-PA	C7(Carbamidomethyl)	89	1.02E-08	1	1490.671	1.18	Salivary gland	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_64558	VHVIFSYK	AGAP004212-PA	-	52	5.04E-05	1	992.558	1.27	Ovary	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_64656	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	106	3.60E-10	1	1899.943	0.28	Head	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_64917	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl),C17(Carbamidomethyl)	142	1.07E-13	1	2420.128	0.73	Salivary gland	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_66362	SGTIFDNFMITNDLEEAK	AGAP004212-PA	N7(Deamidated), M9(Oxidation),M9(Oxidation)	116	3.81E-11	2	2060.949	0.27	Pupa	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_66544	QIDNPAYK	AGAP004212-PA	-	42	0.000900555	1	948.478	-0.49	Malpighian tubule	2R:-:51938486-51938463	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_67059	VYFEEGFKDDSWQK	AGAP004212-PA	-	103	6.43E-10	1	1777.809	1.41	Ovary	2R:-:51941056-51941107,51940805-51940896	exon=> In CDS Exon 2 and 1 of transcript AGAP004212-PA
JHU_Ag_68687	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	104	4.19E-10	1	2055.933	1.65	Malpighian tubule	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_68851	VYFEEGFKDDSWQK	AGAP004212-PA	-	110	1.16E-10	1	1777.809	1.41	Salivary gland	2R:-:51941056-51941107,51940805-51940896	exon=> In CDS Exon 2 and 1 of transcript AGAP004212-PA
JHU_Ag_68855	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	99	1.33E-09	1	2086.098	6.14	Salivary gland	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_69249	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	84	7.15E-08	1	1961.952	1.65	Malpighian tubule	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_69338	DDEDEDDEDDADNALPGEATELDDEGHDEL	AGAP004212-PA	-	118	6.34E-13	1	3303.223	0.63	Malpighian tubule	2R:-:51938183-51938094	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_70010	NHLINK	AGAP004212-PA	-	38	0.000632706	1	738.428	2.89	Ovary	2R:-:51938861-51938844	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_70251	AEEEAAAEEAAK	AGAP004212-PA	-	86	1.67E-08	1	1218.549	0.18	Ovary	2R:-:51938219-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_70379	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	130	1.25E-12	1	1899.945	1.25	Malpighian tubule	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_70577	VESGSLEDDWDFLPPK	AGAP004212-PA	-	111	1.17E-10	1	1833.856	0.9	Ovary	2R:-:51938750-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_71764	DLHGETPYLVMFGPDICGPGTKK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl)	124	6.71E-12	1	2548.234	4.93	Larva	2R:-:51938960-51938892	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_72073	AEEEAAAEEAAK	AGAP004212-PA	-	94	2.77E-09	1	1218.545	-3.02	Salivary gland	2R:-:51938219-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_72146	QIDNPAYK	AGAP004212-PA	-	52	7.82E-05	1	948.478	-0.23	Midgut	2R:-:51938486-51938463	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_72994	IKDPEAK	AGAP004212-PA	-	40	0.000604165	2	800.450	-2.07	Salivary gland	2R:-:51938699-51938679	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_73265	FYNDAEADK	AGAP004212-PA	-	45	0.000117171	2	1072.459	0.3	Malpighian tubule	2R:-:51940832-51940806	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_74085	VHVIFSYK	AGAP004212-PA	-	55	2.44E-05	1	992.556	0.04	Salivary gland	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_74185	DAQEAEER	AGAP004212-PA	-	50	4.58E-05	2	947.406	-0.7	Midgut	2R:-:51938249-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_74269	FYNDAEADKGLQTSQDAR	AGAP004212-PA	N3(Deamidated)	148	2.11E-14	1	2028.925	-0.54	Pupa	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_74325	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	119	1.43E-11	1	2086.097	5.56	Larva	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_74595	SGTIFDNFMITNDLEEAK	AGAP004212-PA	M9(Oxidation)	126	3.55E-12	1	2044.957	2.03	Salivary gland	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_76068	NHLINK	AGAP004212-PA	-	39	0.00044076	1	738.427	2.4	Midgut	2R:-:51938861-51938844	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_76344	SGTIFDNFMITNDLEEAK	AGAP004212-PA	M9(Oxidation)	65	4.06E-06	1	2060.941	-3.28	Male reproductive organs	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_77395	KVHVIFSYK	AGAP004212-PA	-	42	0.000410086	2	1120.649	-1.7	Head	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_77454	ADNTYEVLIDNEKVESGSLEDDWDFLPPK	AGAP004212-PA	-	69	1.15E-06	1	3338.551	-2.46	Salivary gland	2R:-:51938789-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_77762	IKDPEAK	AGAP004212-PA	-	36	0.001927797	2	800.448	-3.75	Head	2R:-:51938699-51938679	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_78825	KPEDWDDR	AGAP004212-PA	-	37	0.00111174	1	1060.469	-0.33	Midgut	2R:-:51938678-51938655	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_79518	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl),C17(Carbamidomethyl)	116	4.39E-11	1	2420.127	0.3	Midgut	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_79696	VKDAQEAEER	AGAP004212-PA	-	74	6.55E-07	1	1174.571	1.31	Male reproductive organs	2R:-:51938255-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_79776	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	C17(Carbamidomethyl)	59	2.08E-05	1	2404.128	-1.38	Visceras	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_79838	KVHVIFSYK	AGAP004212-PA	-	51	4.65E-05	1	1120.652	0.26	Ovary	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_80082	DDVFTHFYTLVVR	AGAP004212-PA	-	53	7.74E-05	2	1611.830	8	Larva	2R:-:51938828-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_81133	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	87	2.86E-08	1	1899.942	0.09	Visceras	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_81905	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	80	1.79E-07	1	1631.815	3.07	Head	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_82964	DAQEAEERK	AGAP004212-PA	-	39	0.00122251	2	1075.501	-0.33	Midgut	2R:-:51938249-51938223	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_83328	ADNTYEVLIDNEK	AGAP004212-PA	-	101	1.14E-09	1	1523.729	4.09	Salivary gland	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_83462	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	84	3.87E-08	1	2055.934	2.25	Ovary	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_84038	SGTIFDNFMITNDLEEAKK	AGAP004212-PA	M9(Oxidation)	101	1.11E-09	1	2189.049	2.71	Male reproductive organs	2R:-:51938354-51938298	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_84277	SGTIFDNFMITNDLEEAK	AGAP004212-PA	M9(Oxidation)	122	9.72E-12	1	2060.957	4.18	Larva	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_84778	SGTIFDNFMITNDLEEAK	AGAP004212-PA	M9(Oxidation)	119	1.90E-11	1	2060.950	0.75	Ovary	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_85871	VKDAQEAEER	AGAP004212-PA	-	63	6.34E-06	2	1174.570	0.06	Salivary gland	2R:-:51938255-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_86698	EEVCAVGIDVWQVK	AGAP004212-PA	C4(Carbamidomethyl)	113	8.90E-11	1	1631.812	1.43	Ovary	2R:-:51938396-51938355	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_87792	VFDCSVDQK	AGAP004212-PA	C4(Carbamidomethyl)	75	2.41E-07	1	1097.496	2.54	Larva	2R:-:51938987-51938961	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_88719	HEQNIDCGGGYLK	AGAP004212-PA	C7(Carbamidomethyl)	96	2.32E-09	1	1490.675	3.56	Larva	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_88885	GLQTSQDAR	AGAP004212-PA	-	41	0.00149804	1	975.485	-0.79	Salivary gland	2R:-:51940805-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_89184	HEQNIDCGGGYLK	AGAP004212-PA	C7(Carbamidomethyl)	94	4.01E-09	1	1490.671	1.1	Ovary	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_89562	VHVIFSYK	AGAP004212-PA	-	54	3.93E-05	1	992.555	-1.56	Pupa	2R:-:51938891-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_89873	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	122	7.27E-12	1	2086.093	3.45	Midgut	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_90354	ADNTYEVLIDNEK	AGAP004212-PA	-	86	3.55E-08	1	1523.721	-1.04	Malpighian tubule	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_90438	KAEEEAAAEEAAK	AGAP004212-PA	-	87	2.47E-08	1	1346.646	1.98	Salivary gland	2R:-:51938222-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_90516	CKDDVFTHFYTLVVR	AGAP004212-PA	C1(Carbamidomethyl)	122	8.80E-12	1	1899.944	0.86	Pupa	2R:-:51938834-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_90559	KPEDWDDR	AGAP004212-PA	-	45	0.00024389	2	1060.482	12.26	Male reproductive organs	2R:-:51938678-51938655	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_90968	SGTIFDNFMITNDLEEAK	AGAP004212-PA	M9(Oxidation)	122	9.17E-12	1	2060.953	2.4	Malpighian tubule	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_91560	VYFEEGFKDDSWQK	AGAP004212-PA	-	75	3.70E-07	1	1777.803	-2.29	Male reproductive organs	2R:-:51941056-51941107,51940805-51940896	exon=> In CDS Exon 2 and 1 of transcript AGAP004212-PA
JHU_Ag_91789	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	94	3.89E-09	1	2055.930	0.47	Head	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_91887	FTPFSNKDDTLVIQFSVK	AGAP004212-PA	-	99	1.57E-09	1	2086.089	1.7	Male reproductive organs	2R:-:51939080-51939027	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_92118	VFDCSVDQKDLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	C4(Carbamidomethyl), M20(Oxidation), C26(Carbamidomethyl),"C4(Carbamidomethyl), C26(Carbamidomethyl)"	41	0.000771305	1	3498.605	1.06	Midgut	2R:-:51938987-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_93506	VESGSLEDDWDFLPPK	AGAP004212-PA	-	98	2.68E-09	1	1833.864	5.23	Larva	2R:-:51938750-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_94309	ADNTYEVLIDNEK	AGAP004212-PA	-	104	5.14E-10	2	1523.727	3.13	Head	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_94490	NHLINK	AGAP004212-PA	-	41	0.0003106	1	738.427	1.49	Malpighian tubule	2R:-:51938861-51938844	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_94838	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	117	3.27E-11	1	2688.294	-0.17	Midgut	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_94879	KVHVIFSYK	AGAP004212-PA	-	64	2.30E-06	1	1120.650	-1.49	Pupa	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_95962	GLQTSQDAR	AGAP004212-PA	-	57	3.76E-05	2	975.485	-0.23	Midgut	2R:-:51940805-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_96628	FYNDAEADKGLQTSQDAR	AGAP004212-PA	-	127	2.62E-12	1	2028.926	-0.12	Male reproductive organs	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_96814	FYALSNK	AGAP004212-PA	-	37	0.001472133	1	842.440	-1.12	Head	2R:-:51939101-51939081	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_96859	DLHGETPYLVMFGPDICGPGTKK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl)	147	3.39E-14	1	2548.225	1.41	Salivary gland	2R:-:51938960-51938892	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_97496	FYNDAEADKGLQTSQDAR	AGAP004212-PA	-	99	1.45E-09	1	2028.925	-0.39	Head	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_97748	FYNDAEADKGLQTSQDAR	AGAP004212-PA	-	139	1.67E-13	1	2028.930	2.13	Malpighian tubule	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_98408	HEQNIDCGGGYLK	AGAP004212-PA	C7(Carbamidomethyl)	84	3.57E-08	2	1490.669	-0.46	Pupa	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_98955	DLHGETPYLVMFGPDICGPGTK	AGAP004212-PA	M11(Oxidation), C17(Carbamidomethyl)	90	1.72E-08	1	2420.128	0.9	Malpighian tubule	2R:-:51938960-51938895	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_99798	VESGSLEDDWDFLPPK	AGAP004212-PA	-	56	4.05E-05	2	1833.856	1.23	Pupa	2R:-:51938750-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_100190	AEEEAAAEEAAK	AGAP004212-PA	-	89	8.71E-09	1	1218.548	-0.32	Malpighian tubule	2R:-:51938219-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_102173	ADNTYEVLIDNEK	AGAP004212-PA	-	90	1.46E-08	1	1523.725	1.85	Ovary	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_103704	AEEEAAAEEAAK	AGAP004212-PA	-	55	2.51E-05	2	1218.553	3.59	Larva	2R:-:51938219-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_103767	GLQTSQDAR	AGAP004212-PA	-	42	0.000933101	2	975.484	-1.67	Malpighian tubule	2R:-:51940805-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA

JHU_Ag_105181	FYNDAEADK	AGAP004212-PA	-	34	0.001297313	2	1072.457	-1.41	Ovary	2R:-:51940832-51940806	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_105396	VAASVKETQEGEK	AGAP004212-PA	-	88	2.56E-08	1	1375.707	0.57	Malpighian tubule	2R:-:51938297-51938259	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_105906	ATIADPDDTKPEDWDKPEHIPDPDATKPDDWDDEMDGEWEPPMIDNPEYKGEWKPK	AGAP004212-PA	M35(Oxidation), M43(Oxidation)	34	0.000971455	1	6578.870	0.51	Midgut	2R:-:51938654-51938487	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_105953	VESGSLEDDWDFLPPK	AGAP004212-PA	-	90	1.61E-08	2	1833.864	5.09	Salivary gland	2R:-:51938750-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_106214	TWVQSEHKGVEYGK	AGAP004212-PA	-	91	1.61E-08	1	1647.814	0.63	Malpighian tubule	2R:-:51940895-51940854	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_107311	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	65	5.61E-06	1	2688.295	0.26	Pupa	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_108323	HEQNIDCGGGYLK	AGAP004212-PA	C7(Carbamidomethyl)	88	1.52E-08	1	1490.675	3.64	Midgut	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_108607	DDVFTHFYTLVVR	AGAP004212-PA	-	85	4.77E-08	1	1611.825	5.05	Ovary	2R:-:51938828-51938790	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_108844	FYALSNK	AGAP004212-PA	-	38	0.00131204	1	842.442	1.34	Malpighian tubule	2R:-:51939101-51939081	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_110497	FYNDAEADKGLQTSQDAR	AGAP004212-PA	-	126	3.27E-12	1	2028.929	1.41	Ovary	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_111065	FYNDAEADKGLQTSQDAR	AGAP004212-PA	N3(Deamidated)	156	3.29E-15	1	2028.926	0.06	Midgut	2R:-:51940832-51940909,51938091-51939102	exon=> In CDS Exon 3 and 2 of transcript AGAP004212-PA
JHU_Ag_112217	SGTIFDNFMITNDLEEAK	AGAP004212-PA	M9(Oxidation)	117	3.16E-11	2	2044.961	3.52	Head	2R:-:51938354-51938301	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_112336	VESGSLEDDWDFLPPKK	AGAP004212-PA	-	109	2.04E-10	1	1961.958	4.64	Larva	2R:-:51938750-51938700	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_112443	GVWVHPEIDNPEYEEDK	AGAP004212-PA	-	67	1.98E-06	1	2055.932	1.3	Male reproductive organs	2R:-:51938462-51938412	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_112922	KVHVIFSYK	AGAP004212-PA	-	51	4.80E-05	2	1120.652	0.15	Midgut	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_113461	GVWVHPEIDNPEYEEDKSLYLR	AGAP004212-PA	-	108	2.68E-10	1	2688.292	-0.71	Ovary	2R:-:51938462-51938397	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_113862	VKDAQEAEER	AGAP004212-PA	-	74	6.11E-07	1	1174.569	-0.56	Malpighian tubule	2R:-:51938255-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_113953	KVHVIFSYK	AGAP004212-PA	-	55	1.88E-05	1	1120.651	-0.29	Malpighian tubule	2R:-:51938894-51938868	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_114234	GVEYGKFVHTAGK	AGAP004212-PA	-	46	0.000370773	2	1392.721	-4.46	Malpighian tubule	2R:-:51940871-51940833	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_115018	HEQNIDCGGGYLK	AGAP004212-PA	C7(Carbamidomethyl)	53	5.37E-05	2	1490.676	4.54	Male reproductive organs	2R:-:51939026-51938988	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_115151	AEEEAAAEEAAK	AGAP004212-PA	-	68	1.45E-06	2	1218.564	12.9	Male reproductive organs	2R:-:51938219-51938184	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_115439	VFDCSVDQK	AGAP004212-PA	C4(Carbamidomethyl)	58	1.16E-05	2	1097.491	-1.69	Male reproductive organs	2R:-:51938987-51938961	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_115700	ADNTYEVLIDNEK	AGAP004212-PA	-	103	6.89E-10	1	1523.724	1.05	Male reproductive organs	2R:-:51938789-51938751	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_115938	FYNDAEADK	AGAP004212-PA	-	45	0.000114504	1	1072.458	-0.2	Midgut	2R:-:51940832-51940806	exon=> In CDS Exon 2 of transcript AGAP004212-PA
JHU_Ag_116572	VESGSLEDDWDFLPPK	AGAP004212-PA	-	50	0.000166281	2	1833.857	1.63	Male reproductive organs	2R:-:51938750-51938703	exon=> In CDS Exon 3 of transcript AGAP004212-PA
JHU_Ag_117478	DAQEAEER	AGAP004212-PA	-	45	0.000151082	1	947.406	-0.17	Salivary gland	2R:-:51938249-51938226	exon=> In CDS Exon 3 of transcript AGAP004212-PA

JHU_Ag_4853	KAPAAPVGR	AGAP004213-PA	-	41	0.000390349	2	866.518	-3.08	Head	2R:-:51943792-51943766	exon=> In CDS Exon 2 of transcript AGAP004213-PA
JHU_Ag_12908	DAAPPAKR	AGAP004214-PA	-	31	0.005933794	1	825.458	-0.19	Ovary	2R:-:51946574-51946551	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_37134	TEETTPVKK	AGAP004214-PA	N-Term(Acetyl)	39	0.00285925	1	1074.567	-0.32	Ovary	2R:-:51946817-51946791	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_45525	KPKPVPVPGR	AGAP004214-PA	-	52	4.57E-06	1	1074.678	0.08	Malpighian tubule	2R:-:51946520-51946491	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_47972	TEETTPVKK	AGAP004214-PA	N-Term(Acetyl)	37	0.004440453	1	1074.568	0.13	Malpighian tubule	2R:-:51946817-51946791	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_51796	KKPPPPPPK	AGAP004214-PA	-	39	0.000377833	2	985.622	2.48	Ovary	2R:-:51946733-51946707	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_70013	KKPPPPPPK	AGAP004214-PA	-	35	0.001694959	2	985.613	-6.75	Head	2R:-:51946733-51946707	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_81806	KKPPPPPPK	AGAP004214-PA	-	42	0.000188495	1	985.621	2.04	Visceras	2R:-:51946733-51946707	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_82675	KPKPVPVPGR	AGAP004214-PA	-	32	0.000368904	1	1074.680	1.44	Ovary	2R:-:51946520-51946491	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_82893	ESEAHSEADKDAAPPAK	AGAP004214-PA	-	85	3.91E-08	1	1752.802	-0.71	Malpighian tubule	2R:-:51946604-51946554	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_87483	RESEAHSEADK	AGAP004214-PA	-	40	0.000814069	2	1258.566	-0.04	Head	2R:-:51946607-51946575	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_90016	KSDVAVK	AGAP004214-PA	-	48	0.000109192	1	746.441	0.59	Male reproductive organs	2R:-:51946772-51946752	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_113187	ANKKPKPVPVPGR	AGAP004214-PA	-	53	3.37E-06	1	1387.852	-0.82	Malpighian tubule	2R:-:51946529-51946491	exon=> In CDS Exon 1 of transcript AGAP004214-PA
JHU_Ag_32286	YGGDVLDGFFK	AGAP004221-PA	-	55	3.36E-05	2	1217.581	-2.39	Male reproductive organs	2R:+:52060049-52060081	exon=> In CDS Exon 1 of transcript AGAP004221-PA
JHU_Ag_45006	SAPELAWQVVR	AGAP004221-PA	N-Term(Acetyl)	81	7.66E-08	1	1297.693	2.55	Male reproductive organs	2R:+:52059092-52059124	exon=> In CDS Exon 1 of transcript AGAP004221-PA
JHU_Ag_11184	DDDEPDIYGSDAYITR	AGAP004225-PB,AGAP004225-PA	-	71	5.22E-07	2	1844.787	2.84	Head	2R:+:52187413-52187460;2R:+:52187413-52187460	exon=> In CDS Exon 4 of transcript AGAP004225-PB;exon=> In CDS Exon 4 of transcript AGAP004225-PA
JHU_Ag_105332	VAQIQNAGLGEFR	AGAP004225-PB,AGAP004225-PA	-	92	1.00E-08	1	1402.742	-1.21	Ovary	2R:+:52186898-52186916,52186997-52187016;2R:+:52186898-52186916,52186997-52187016	exon=> In CDS Exon 3 and 4 of transcript AGAP004225-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP004225-PA
JHU_Ag_11595	LNYEEQISVLTEQVISLSDQLAK	AGAP004226-PB,AGAP004226-PA	-	84	2.94E-08	1	2620.381	3.67	Ovary	2R:-:52187880-52187812;2R:-:52187880-52187812	exon=> In CDS Exon 6 of transcript AGAP004226-PB;exon=> In CDS Exon 6 of transcript AGAP004226-PA
JHU_Ag_8374	NELHSLLDKPQLAGIPVLVLGNKR	AGAP004227-PA	-	103	2.23E-11	1	2624.531	2.43	Malpighian tubule	2R:+:52191753-52191824	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_20790	DIPGALEETGLIDR	AGAP004227-PA	-	73	6.89E-07	2	1498.777	1.21	Salivary gland	2R:+:52191825-52191866	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_31137	NELHSLLDKPQLAGIPVLVLGNKR	AGAP004227-PA	-	150	5.30E-16	1	2624.523	-0.64	Midgut	2R:+:52191753-52191824	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_43155	DIPGALEETGLIDR	AGAP004227-PA	-	81	1.02E-07	2	1498.777	1.12	Male reproductive organs	2R:+:52191825-52191866	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_49124	NELHSLLDKPQLAGIPVLVLGNKR	AGAP004227-PA	-	134	1.14E-14	1	2624.538	4.85	Ovary	2R:+:52191753-52191824	exon=> In CDS Exon 3 of transcript AGAP004227-PA

JHU_Ag_49489	EICCYSISCK	AGAP004227-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), C9(Carbamidomethyl)	45	7.71E-05	1	1319.542	-0.65	Male reproductive organs	2R:+:52192495-52192524	exon=> In CDS Exon 4 of transcript AGAP004227-PA
JHU_Ag_54153	MLALLNR	AGAP004227-PA	N-Term(Acetyl)	42	0.000956578	2	872.502	0.23	Malpighian tubule	2R:+:52190538-52190558	exon=> In CDS Exon 1 of transcript AGAP004227-PA
JHU_Ag_59202	NELHSLLDKPQLAGIPVLVLGNK	AGAP004227-PA	-	67	2.37E-07	1	2468.426	0.78	Midgut	2R:+:52191753-52191821	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_63021	NELHSLLDKPQLAGIPVLVLGNK	AGAP004227-PA	-	81	7.35E-09	1	2468.435	4.79	Ovary	2R:+:52191753-52191821	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_65185	DIPGALEETGLIDR	AGAP004227-PA	-	54	5.55E-05	2	1498.779	2.75	Midgut	2R:+:52191825-52191866	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_77202	NELHSLLDKPQLAGIPVLVLGNK	AGAP004227-PA	-	115	3.88E-12	1	2468.430	2.49	Malpighian tubule	2R:+:52191753-52191821	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_84061	EKDNIDITLQWLIAHSK	AGAP004227-PA	-	95	2.46E-09	1	2024.075	-2.83	Head	2R:+:52192525-52192575	exon=> In CDS Exon 4 of transcript AGAP004227-PA
JHU_Ag_84078	DIPGALEETGLIDR	AGAP004227-PA	-	73	6.39E-07	1	1498.781	3.89	Malpighian tubule	2R:+:52191825-52191866	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_88570	NELHSLLDKPQLAGIPVLVLGNK	AGAP004227-PA	-	120	1.11E-12	1	2468.429	2.27	Head	2R:+:52191753-52191821	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_90615	VWDIGGQPR	AGAP004227-PA	-	45	0.000401 29	2	1027.532	-0.1	Male reproductive organs	2R:+:52191547-52191573	exon=> In CDS Exon 2 of transcript AGAP004227-PA
JHU_Ag_91272	NELHSLLDKPQLAGIPVLVLGNKR	AGAP004227-PA	-	109	5.08E-12	1	2624.530	2.06	Head	2R:+:52191753-52191824	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_92130	RDIPGALEETGLIDR	AGAP004227-PA	-	85	2.64E-08	2	1654.881	2.98	Head	2R:+:52191822-52191866	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_93958	DIPGALEETGLIDR	AGAP004227-PA	-	127	2.28E-12	1	1498.778	1.94	Head	2R:+:52191825-52191866	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_103701	DIPGALEETGLIDR	AGAP004227-PA	-	96	3.45E-09	1	1498.780	3.32	Visceras	2R:+:52191825-52191866	exon=> In CDS Exon 3 of transcript AGAP004227-PA
JHU_Ag_106685	LALLNR	AGAP004227-PA,AGAP003743-PA	-	31	0.001618 76	1	699.452	0.87	Salivary gland	2R:+:52190541-52190558;2R:-:42819789-42819772	exon=> In CDS Exon 1 of transcript AGAP004227-PA;exon=> In CDS Exon 2 of transcript AGAP003743-PA
JHU_Ag_42331	LLLEQKSIK	AGAP004229-PA	Q5(Deamidated)	29	0.002004 648	1	1072.670	8.09	Head	2R:+:52460249-52460275	exon=> In CDS Exon 3 of transcript AGAP004229-PA
JHU_Ag_52520	LLLEQKSIK	AGAP004229-PA	Q5(Deamidated)	25	0.003898 612	1	1072.674	11.87	Male reproductive organs	2R:+:52460249-52460275	exon=> In CDS Exon 3 of transcript AGAP004229-PA
JHU_Ag_64268	LLLEQKSIK	AGAP004229-PA	Q5(Deamidated)	29	0.001461 874	1	1072.675	12.63	Malpighian tubule	2R:+:52460249-52460275	exon=> In CDS Exon 3 of transcript AGAP004229-PA
JHU_Ag_66003	SGIPGKLVR	AGAP004229-PA	-	31	0.002107 764	1	926.581	2.52	Malpighian tubule	2R:+:52464573-52464599	exon=> In CDS Exon 9 of transcript AGAP004229-PA
JHU_Ag_70542	LLLEQKSIK	AGAP004229-PA	Q5(Deamidated)	29	0.002004 648	1	1072.670	8.28	Salivary gland	2R:+:52460249-52460275	exon=> In CDS Exon 3 of transcript AGAP004229-PA
JHU_Ag_86296	SFLISLVPR	AGAP004229-PA	-	41	0.000269 196	2	1031.622	-2.52	Male reproductive organs	2R:+:52463562-52463588	exon=> In CDS Exon 7 of transcript AGAP004229-PA
JHU_Ag_89704	SGIPGKLVR	AGAP004229-PA	-	28	0.003326 861	1	926.581	2.98	Ovary	2R:+:52464573-52464599	exon=> In CDS Exon 9 of transcript AGAP004229-PA
JHU_Ag_46467	RTDGTESPIITESDADTDKPR	AGAP004232-PA	-	71	1.41E-06	3	2304.094	-0.52	Head	2R:-:52909226-52909164	exon=> In CDS Exon 1 of transcript AGAP004232-PA
JHU_Ag_64938	LVDEINAGRPQCPVGLNTLVIPR	AGAP004232-PA	C12(Carbamidomethyl)	151	3.41E-15	1	2531.381	1.93	Head	2R:-:52873231-52873163	exon=> In CDS Exon 5 of transcript AGAP004232-PA

JHU_Ag_45841	NSLER	AGAP004235-PA,AGAP002128-PA,AGAP005281-PA,AGAP002128-PB,AGAP004235-PC	N1(Deamidated)	34	0.008301733	1	619.305	0.62	Head	2R:-:52954176-52954162;2R:+:16093729-16093743;2L:-:13599551-13599537;2R:+:16093729-16093743;2R:-:52954176-52954162	exon=> In CDS Exon 2 of transcript AGAP004235-PA;exon=> In CDS Exon 2 of transcript AGAP002128-PA;exon=> In CDS Exon 1 of transcript AGAP005281-PA;exon=> In CDS Exon 3 of transcript AGAP002128-PB;exon=> In CDS Exon 3 of transcript AGAP004235-PC
JHU_Ag_2592	KISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	72	1.94E-07	2	1256.758	0.41	Salivary gland	2R:-:52953636-52953598;2R:-:52953636-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_5748	ISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	97	1.68E-09	2	1128.664	1.11	Ovary	2R:-:52953633-52953598;2R:-:52953633-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_6672	ISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	91	6.58E-09	2	1128.663	0.13	Male reproductive organs	2R:-:52953633-52953598;2R:-:52953633-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_7348	SNVILDIKPWDDETDMK	AGAP004235-PA,AGAP004235-PC	M16(Oxidation)	63	8.21E-06	1	2034.970	0.37	Ovary	2R:-:52953708-52953658;2R:-:52953708-52953658	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_11717	SIIDGLNNLVIDLHER	AGAP004235-PA,AGAP004235-PC	-	39	0.000957939	1	1820.988	0.62	Salivary gland	2R:-:52953990-52953943;2R:-:52953990-52953943	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_12933	ISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	89	1.00E-08	1	1128.665	2.62	Malpighian tubule	2R:-:52953633-52953598;2R:-:52953633-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_14036	SIIDGLNNLVIDLHER	AGAP004235-PA,AGAP004235-PC	-	111	4.92E-11	2	1820.995	4.79	Midgut	2R:-:52953990-52953943;2R:-:52953990-52953943	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_15842	IEDYVQSVDIAAFNK	AGAP004235-PA,AGAP004235-PC	-	136	4.15E-13	2	1711.851	-1.71	Ovary	2R:-:52953498-52953454;2R:-:52953498-52953454	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_17662	KISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	41	0.000195148	2	1256.756	-0.75	Ovary	2R:-:52953636-52953598;2R:-:52953636-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_17815	SNVILDIKPWDDETDMK	AGAP004235-PA,AGAP004235-PC	-	71	1.36E-06	1	2018.974	0	Midgut	2R:-:52953708-52953658;2R:-:52953708-52953658	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_17858	IEDYVQSVDIAAFNKI	AGAP004235-PA,AGAP004235-PC	-	123	6.21E-12	1	1824.940	1.42	Ovary	2R:-:52953498-52953451;2R:-:52953498-52953451	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC

JHU_Ag_21787	ISVDWLQEEIEK	AGAP004235-PA,AGAP004235-PC	-	93	9.16E-09	1	1488.761	1.79	Head	2R:-:52953534-52953499;2R:-:52953534-52953499	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_21801	RLAEYAAK	AGAP004235-PA,AGAP004235-PC	-	51	7.91E-05	2	921.510	-5.67	Head	2R:-:52953762-52953739;2R:-:52953762-52953739	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_26147	ISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	49	0.000120066	1	1128.661	-1.1	Midgut	2R:-:52953633-52953598;2R:-:52953633-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_26875	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl), M5(Oxidation)	33	0.003105641	1	957.446	-0.06	Salivary gland	2R:-:52955533-52955507;2R:-:52955533-52955507	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_27293	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl), M5(Oxidation)	47	0.000119909	2	957.447	0.65	Malpighian tubule	2R:-:52955533-52955507;2R:-:52955533-52955507	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_27704	KISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	79	3.04E-08	1	1256.762	3.33	Malpighian tubule	2R:-:52953636-52953598;2R:-:52953636-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_28532	MDGIAALAASPGAELLDR	AGAP004235-PA,AGAP004235-PC	M1(Oxidation)	106	4.58E-10	2	1786.905	2.63	Head	2R:-:52954080-52954027;2R:-:52954080-52954027	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_28955	IEDYVQSVDIAAFNK	AGAP004235-PA,AGAP004235-PC	-	116	4.09E-11	1	1711.858	2.28	Head	2R:-:52953498-52953454;2R:-:52953498-52953454	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_32123	LVPLAYGIHK	AGAP004235-PA,AGAP004235-PC	-	42	0.000101455	1	1110.670	2.65	Head	2R:-:52953597-52953568;2R:-:52953597-52953568	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_32808	LSSVEKENEK	AGAP004235-PA,AGAP004235-PC	-	53	8.99E-05	2	1162.595	-0.46	Salivary gland	2R:-:52954026-52953997;2R:-:52954026-52953997	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_36964	LSSVEKENEK	AGAP004235-PA,AGAP004235-PC	-	73	8.08E-07	1	1162.595	0.28	Male reproductive organs	2R:-:52954026-52953997;2R:-:52954026-52953997	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_37325	KISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	97	4.79E-10	1	1256.761	2.74	Head	2R:-:52953636-52953598;2R:-:52953636-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_45039	ISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	92	4.92E-09	2	1128.666	3.27	Head	2R:-:52953633-52953598;2R:-:52953633-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_45414	SNVILDIKPWDDETDMK	AGAP004235-PA,AGAP004235-PC	M16(Oxidation)	57	3.13E-05	1	2034.973	2.16	Head	2R:-:52953708-52953658;2R:-:52953708-52953658	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC

JHU_Ag_49491	ISVDWLQEEIEK	AGAP004235-PA,AGAP004235-PC	-	73	8.90E-07	1	1488.764	4.25	Midgut	2R:-:52953534-52953499;2R:-:52953534-52953499	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_50889	LVPLAYGIHK	AGAP004235-PA,AGAP004235-PC	-	66	5.40E-07	1	1110.666	-0.76	Male reproductive organs	2R:-:52953597-52953568;2R:-:52953597-52953568	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_52440	MDGIAALAASPGAELLDR	AGAP004235-PA,AGAP004235-PC	M1(Oxidation)	64	6.49E-06	2	1786.906	2.97	Midgut	2R:-:52954080-52954027;2R:-:52954080-52954027	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_57741	INSVPSQCTLASEISK	AGAP004235-PA,AGAP004235-PC	C8(Carbamidomethyl)	122	1.17E-11	1	1733.875	0.88	Ovary	2R:-:52954242-52954195;2R:-:52954242-52954195	exon=> In CDS Exon 2 of transcript AGAP004235-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PC
JHU_Ag_58287	INSVPSQCTLASEISK	AGAP004235-PA,AGAP004235-PC	C8(Carbamidomethyl)	46	0.000387793	2	1733.877	1.86	Salivary gland	2R:-:52954242-52954195;2R:-:52954242-52954195	exon=> In CDS Exon 2 of transcript AGAP004235-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PC
JHU_Ag_58548	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl)	45	0.000236214	1	941.451	0.44	Salivary gland	2R:-:52955533-52955507;2R:-:52955533-52955507	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_59056	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl), M5(Oxidation)	56	1.70E-05	1	957.447	1.35	Ovary	2R:-:52955533-52955507;2R:-:52955533-52955507	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_59431	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl), M5(Oxidation)	58	9.46E-06	1	957.446	0.39	Head	2R:-:52955533-52955507;2R:-:52955533-52955507	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_60941	SAAPAKPAAAATKPAALAK	AGAP004235-PA,AGAP004235-PC	-	68	2.60E-07	1	1705.997	0.62	Head	2R:-:52953912-52953856;2R:-:52953912-52953856	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_61656	IEDYVQSVDIAAFNK	AGAP004235-PA,AGAP004235-PC	-	79	1.97E-07	2	1711.859	2.85	Pupa	2R:-:52953498-52953454;2R:-:52953498-52953454	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_62862	SIIDGLNNLVIDLHER	AGAP004235-PA,AGAP004235-PC	-	119	7.88E-12	2	1820.992	3.18	Malpighian tubule	2R:-:52953990-52953943;2R:-:52953990-52953943	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_63364	SAAPAKPAAAATKPAALAK	AGAP004235-PA,AGAP004235-PC	-	58	3.16E-06	1	1705.994	-1.42	Salivary gland	2R:-:52953912-52953856;2R:-:52953912-52953856	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_65773	SAAPAKPAAAATKPAALAK	AGAP004235-PA,AGAP004235-PC	-	70	1.77E-07	1	1705.995	-0.45	Ovary	2R:-:52953912-52953856;2R:-:52953912-52953856	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_66870	AAAAMAHEKLWTEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl)	86	3.41E-08	1	1598.803	2.2	Malpighian tubule	2R:-:52955533-52955492;2R:-:52955533-52955492	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC

JHU_Ag_68366	INSVPSQCTLASEISK	AGAP004235-PA,AGAP004235-PC	C8(Carbamidomethyl)	84	5.95E-08	1	1733.880	3.76	Malpighian tubule	2R:-:52954242-52954195;2R:-:52954242-52954195	exon=> In CDS Exon 2 of transcript AGAP004235-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PC
JHU_Ag_69319	IEDYVQSVDIAAFNKI	AGAP004235-PA,AGAP004235-PC	-	107	2.16E-10	2	1824.948	5.7	Head	2R:-:52953498-52953451;2R:-:52953498-52953451	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_71893	SIIDGLNNLVIDLHER	AGAP004235-PA,AGAP004235-PC	-	42	0.000412343	1	1820.990	1.93	Pupa	2R:-:52953990-52953943;2R:-:52953990-52953943	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_72582	SIIDGLNNLVIDLHERVR	AGAP004235-PA,AGAP004235-PC	-	71	2.49E-07	1	2076.164	4.02	Malpighian tubule	2R:-:52953990-52953937;2R:-:52953990-52953937	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_75080	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl)	39	0.000865483	2	941.450	-0.6	Head	2R:-:52955533-52955507;2R:-:52955533-52955507	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_75730	KISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	51	1.79E-05	2	1256.761	3.13	Pupa	2R:-:52953636-52953598;2R:-:52953636-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_76354	IEDYVQSVDIAAFNK	AGAP004235-PA,AGAP004235-PC	-	53	7.82E-05	2	1711.862	4.85	Malpighian tubule	2R:-:52953498-52953454;2R:-:52953498-52953454	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_77718	SAAPAKPAAAATKPAALAK	AGAP004235-PA,AGAP004235-PC	-	76	4.24E-08	1	1705.999	1.99	Male reproductive organs	2R:-:52953912-52953856;2R:-:52953912-52953856	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_77865	MDGIAALAASPGAELLDR	AGAP004235-PA,AGAP004235-PC	M1(Oxidation)	131	1.49E-12	1	1786.902	0.58	Ovary	2R:-:52954080-52954027;2R:-:52954080-52954027	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_79339	SAAPAKPAAAATKPAALAK	AGAP004235-PA,AGAP004235-PC	-	83	1.01E-08	1	1705.996	-0.13	Pupa	2R:-:52953912-52953856;2R:-:52953912-52953856	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_79412	LVPLAYGIHK	AGAP004235-PA,AGAP004235-PC	-	40	0.000227062	1	1110.667	0.01	Ovary	2R:-:52953597-52953568;2R:-:52953597-52953568	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_81787	AAAAMAHEKLWTEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl), M5(Oxidation)	92	9.01E-09	1	1614.798	2	Malpighian tubule	2R:-:52955533-52955492;2R:-:52955533-52955492	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_87663	MDGIAALAASPGAELLDR	AGAP004235-PA,AGAP004235-PC	M1(Oxidation)	87	3.32E-08	2	1786.903	1.61	Salivary gland	2R:-:52954080-52954027;2R:-:52954080-52954027	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_98509	SIIDGLNNLVIDLHER	AGAP004235-PA,AGAP004235-PC	-	126	1.94E-12	1	1820.985	-0.84	Ovary	2R:-:52953990-52953943;2R:-:52953990-52953943	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC

JHU_Ag_99709	KISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	79	3.50E-08	2	1256.756	-1.34	Midgut	2R:-:52953636-52953598;2R:-:52953636-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_100977	KISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	77	5.59E-08	2	1256.758	0.32	Male reproductive organs	2R:-:52953636-52953598;2R:-:52953636-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_101131	SIIDGLNNLVIDLHER	AGAP004235-PA,AGAP004235-PC	-	32	0.004011053	1	1820.991	2.23	Visceras	2R:-:52953990-52953943;2R:-:52953990-52953943	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_102618	INSVPSQCTLASEISK	AGAP004235-PA,AGAP004235-PC	C8(Carbamidomethyl)	87	3.46E-08	1	1733.876	0.95	Head	2R:-:52954242-52954195;2R:-:52954242-52954195	exon=> In CDS Exon 2 of transcript AGAP004235-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PC
JHU_Ag_105907	MDGIAALAASPGAELLDR	AGAP004235-PA,AGAP004235-PC	M1(Oxidation)	53	7.96E-05	2	1770.909	1.71	Malpighian tubule	2R:-:52954080-52954027;2R:-:52954080-52954027	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_107418	AAAAMAHEK	AGAP004235-PA,AGAP004235-PC	N-Term(Acetyl), M5(Oxidation)	53	2.77E-05	1	957.446	0.52	Male reproductive organs	2R:-:52955533-52955507;2R:-:52955533-52955507	exon=> In CDS Exon 1 of transcript AGAP004235-PA;exon=> In CDS Exon 1 of transcript AGAP004235-PC
JHU_Ag_113014	SIIDGLNNLVIDLHER	AGAP004235-PA,AGAP004235-PC	-	119	7.95E-12	2	1820.999	7.07	Head	2R:-:52953990-52953943;2R:-:52953990-52953943	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_115552	ISADGLLLGAAK	AGAP004235-PA,AGAP004235-PC	-	99	1.16E-09	2	1128.664	1.43	Salivary gland	2R:-:52953633-52953598;2R:-:52953633-52953598	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_115882	SAAPAKPAAAATKPAALAK	AGAP004235-PA,AGAP004235-PC	-	107	3.38E-11	1	1705.997	0.76	Malpighian tubule	2R:-:52953912-52953856;2R:-:52953912-52953856	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_117250	MDGIAALAASPGAELLDR	AGAP004235-PA,AGAP004235-PC	M1(Oxidation)	107	3.34E-10	2	1786.910	5.23	Male reproductive organs	2R:-:52954080-52954027;2R:-:52954080-52954027	exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_28079	LCDNITEELNKINSVPSQCTLASEISK	AGAP004235-PC	C2(Carbamidomethyl), C19(Carbamidomethyl)	55	3.89E-05	1	3063.507	3.01	Head	2R:-:52954769-52955267,52954162-52954195	exon=> In CDS Exon 3 and 2 of transcript AGAP004235-PC
JHU_Ag_11123	LCDNITEELNK	AGAP004235-PC,AGAP004235-PB	C2(Carbamidomethyl)	88	2.77E-08	1	1348.646	3.2	Head	2R:-:52954769-52954737;2R:-:52954769-52954737	exon=> In CDS Exon 2 of transcript AGAP004235-PC;exon=> In CDS Exon 1 of transcript AGAP004235-PB
JHU_Ag_22388	YQETVQQQNAK	AGAP004235-PC,AGAP004235-PB	-	87	3.14E-08	2	1336.646	-2.18	Head	2R:-:52954835-52954803;2R:-:52954835-52954803	exon=> In CDS Exon 2 of transcript AGAP004235-PC;exon=> In CDS Exon 1 of transcript AGAP004235-PB
JHU_Ag_42463	MDVASVESSPPPAAAADAPK	AGAP004235-PC,AGAP004235-PB	M1(Oxidation)	83	6.45E-08	1	1926.914	1.5	Head	2R:-:52955120-52955061;2R:-:52955120-52955061	exon=> In CDS Exon 2 of transcript AGAP004235-PC;exon=> In CDS Exon 1 of transcript AGAP004235-PB

JHU_Ag_47876	SQEDPSSVQDNDNK	AGAP004235-PC,AGAP004235-PB	-	93	1.82E-09	1	1562.657	0.38	Head	2R:-:52954877-52954836;2R:-:52954877-52954836	exon=> In CDS Exon 2 of transcript AGAP004235-PC;exon=> In CDS Exon 1 of transcript AGAP004235-PB
JHU_Ag_82619	SQEDPSSVQDNDNKYQETVQQQNAK	AGAP004235-PC,AGAP004235-PB	-	153	3.71E-15	1	2880.290	0.85	Head	2R:-:52954877-52954803;2R:-:52954877-52954803	exon=> In CDS Exon 2 of transcript AGAP004235-PC;exon=> In CDS Exon 1 of transcript AGAP004235-PB
JHU_Ag_2438	ELKDGQIFTTEGATLK	AGAP004236-PA	-	83	6.71E-08	1	1750.923	0.52	Midgut	2R:+:52957414-52957461	exon=> In CDS Exon 3 of transcript AGAP004236-PA
JHU_Ag_6610	ETPEQLWAAAAYNVNHHLK	AGAP004236-PA	-	44	0.000651478	1	2192.096	3.46	Midgut	2R:+:52957873-52957929	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_8610	ILLDTGDANVKEYIGHLQK	AGAP004236-PA	-	62	3.80E-06	1	2127.154	4.26	Malpighian tubule	2R:+:52957109-52957165	exon=> In CDS Exon 2 of transcript AGAP004236-PA
JHU_Ag_9429	VLINDIIISHWHHDHVGGVDDILEVIDNK	AGAP004236-PA	-	51	5.65E-05	1	3315.713	0.18	Midgut	2R:+:52957184-52957270	exon=> In CDS Exon 2 of transcript AGAP004236-PA
JHU_Ag_17694	ILLDTGDANVK	AGAP004236-PA	-	85	4.70E-08	1	1158.636	-0.44	Ovary	2R:+:52957109-52957141	exon=> In CDS Exon 2 of transcript AGAP004236-PA
JHU_Ag_21812	ILLDTGDANVK	AGAP004236-PA	-	43	0.000689 08	2	1158.638	0.83	Malpighian tubule	2R:+:52957109-52957141	exon=> In CDS Exon 2 of transcript AGAP004236-PA
JHU_Ag_24004	DGQIFTTEGATLK	AGAP004236-PA	-	86	4.59E-08	2	1380.699	-1.23	Midgut	2R:+:52957423-52957461	exon=> In CDS Exon 3 of transcript AGAP004236-PA
JHU_Ag_25030	ETPEQLWAAAAYNVNHHLK	AGAP004236-PA	-	86	4.11E-08	1	2192.091	1.06	Ovary	2R:+:52957873-52957929	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_34316	DGQIFTTEGATLK	AGAP004236-PA	-	47	0.000304874	2	1380.702	0.98	Malpighian tubule	2R:+:52957423-52957461	exon=> In CDS Exon 3 of transcript AGAP004236-PA
JHU_Ag_41163	ATIPAVSR	AGAP004236-PA	N-Term(Acetyl)	38	0.001274183	1	856.488	-0.6	Midgut	2R:+:52956917-52956940	exon=> In CDS Exon 1 of transcript AGAP004236-PA
JHU_Ag_43198	SLETILNANPTVIYPGHGNIINDPAER	AGAP004236-PA	-	86	2.44E-08	1	2918.505	1.46	Midgut	2R:+:52957594-52957659,52957744-52957758	exon=> In CDS Exon 3 and 4 of transcript AGAP004236-PA
JHU_Ag_44487	ILLDTGDANVK	AGAP004236-PA	-	66	3.89E-06	1	1158.636	-0.58	Midgut	2R:+:52957109-52957141	exon=> In CDS Exon 2 of transcript AGAP004236-PA
JHU_Ag_44650	QIFAVFEANPDK	AGAP004236-PA	-	76	3.93E-07	1	1378.701	0.64	Ovary	2R:+:52957798-52957833	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_50896	LLECVDSEGGNSWK	AGAP004236-PA	C4(Carbamidomethyl)	92	7.08E-09	1	1593.724	1.41	Malpighian tubule	2R:+:52957951-52957992	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_52184	LLECVDSEGGNSWK	AGAP004236-PA	C4(Carbamidomethyl)	92	6.35E-09	1	1593.722	0.65	Midgut	2R:+:52957951-52957992	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_52644	ILGCNPSPMTLQGTNTYLIGSGK	AGAP004236-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M9(Oxidation)"	114	6.40E-11	2	2438.208	0.94	Midgut	2R:+:52956962-52957030	exon=> In CDS Exon 1 of transcript AGAP004236-PA
JHU_Ag_53180	QIFAVFEANPDKQYNEMDIVR	AGAP004236-PA	M17(Oxidation)	103	7.65E-10	1	2543.239	6.04	Malpighian tubule	2R:+:52957798-52957860	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_55441	TVYKETPEQLWAAAAYNVNHHLK	AGAP004236-PA	-	73	5.95E-07	1	2683.374	4.06	Malpighian tubule	2R:+:52957861-52957929	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_62190	QIFAVFEANPDKQYNEMDIVR	AGAP004236-PA	M17(Oxidation)	38	0.002664754	1	2543.225	0.72	Midgut	2R:+:52957798-52957860	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_63375	SLETILNANPTVIYPGHGNIINDPAER	AGAP004236-PA	-	97	1.70E-09	1	2918.509	2.65	Head	2R:+:52957594-52957659,52957744-52957758	exon=> In CDS Exon 3 and 4 of transcript AGAP004236-PA
JHU_Ag_65993	VTEYINHR	AGAP004236-PA	-	53	0.000112057	1	1031.527	0.01	Midgut	2R:+:52957759-52957782	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_71186	ILLDTGDANVK	AGAP004236-PA	-	40	0.001638 78	2	1158.637	0.4	Head	2R:+:52957109-52957141	exon=> In CDS Exon 2 of transcript AGAP004236-PA

JHU_Ag_73776	DGQIFTTEGATLK	AGAP004236-PA	-	73	8.79E-07	1	1380.701	0.62	Head	2R:+:52957423-52957461	exon=> In CDS Exon 3 of transcript AGAP004236-PA
JHU_Ag_74968	SLETILNANPTVIYPGHGNIINDPAER	AGAP004236-PA	-	81	7.65E-08	1	2918.509	2.71	Pupa	2R:+:52957594-52957659,52957744-52957758	exon=> In CDS Exon 3 and 4 of transcript AGAP004236-PA
JHU_Ag_76784	LLECVDSEGGNSWK	AGAP004236-PA	C4(Carbamidomethyl)	50	9.71E-05	2	1593.719	-1.57	Head	2R:+:52957951-52957992	exon=> In CDS Exon 4 of transcript AGAP004236-PA
JHU_Ag_85603	SLETILNANPTVIYPGHGNIINDPAER	AGAP004236-PA	-	157	1.71E-15	1	2918.498	-1.05	Ovary	2R:+:52957594-52957659,52957744-52957758	exon=> In CDS Exon 3 and 4 of transcript AGAP004236-PA
JHU_Ag_89763	SLETILNANPTVIYPGHGNIINDPAER	AGAP004236-PA	-	74	3.25E-07	1	2918.507	1.96	Malpighian tubule	2R:+:52957594-52957659,52957744-52957758	exon=> In CDS Exon 3 and 4 of transcript AGAP004236-PA
JHU_Ag_94911	TDAPEPEVK	AGAP004236-PA	-	39	0.001008136	1	985.485	1.33	Malpighian tubule	2R:+:52957372-52957398	exon=> In CDS Exon 3 of transcript AGAP004236-PA
JHU_Ag_96254	DGQIFTTEGATLK	AGAP004236-PA	-	88	2.67E-08	1	1380.701	0.36	Ovary	2R:+:52957423-52957461	exon=> In CDS Exon 3 of transcript AGAP004236-PA
JHU_Ag_104725	TDAPEPEVK	AGAP004236-PA	-	39	0.000944404	2	985.483	-0.59	Midgut	2R:+:52957372-52957398	exon=> In CDS Exon 3 of transcript AGAP004236-PA
JHU_Ag_1624	ALQNQIENIK	AGAP004237-PA	-	78	1.39E-07	1	1170.646	-1.26	Pupa	2R:-:52960983-52960954	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_1706	SKLSQAETNPQASLDLTER	AGAP004237-PA	-	40	0.001532207	1	2088.064	3.54	Malpighian tubule	2R:-:52962282-52962226	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_5566	IETLEQELK	AGAP004237-PA	Q6(Deamidated)	38	0.002863431	2	1103.583	-0.15	Head	2R:-:52961553-52961527	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_9791	INRLETELEDLK	AGAP004237-PA	-	50	0.000104065	1	1472.800	3.24	Ovary	2R:-:52962495-52962460	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_13453	ESTATQDSNSEQIEELRK	AGAP004237-PA	-	60	1.24E-05	1	2064.975	3.27	Head	2R:-:52961703-52961650	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_15936	LKQFENTPSNAQEANER	AGAP004237-PA	-	58	2.81E-05	1	1975.953	2.99	Malpighian tubule	2R:-:52961955-52961905	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_17669	LTEVESEPQTPEAQEK	AGAP004237-PA	-	86	3.59E-08	2	1814.871	3.03	Head	2R:-:52962162-52962115	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_24207	LNQAEDEPTTTQESTDR	AGAP004237-PA	-	115	3.00E-11	1	1934.857	-0.12	Pupa	2R:-:52961376-52961326	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_25932	VPLADSPANEKIEELQK	AGAP004237-PA	-	79	1.14E-07	1	1880.994	-1.06	Pupa	2R:-:52961472-52961422	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_25958	IIENGILR	AGAP004237-PA	-	46	0.000137213	2	927.565	3.29	Malpighian tubule	2R:-:52962192-52962169	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_29500	RVIESDILR	AGAP004237-PA	-	40	0.0010052	1	1100.640	-1.91	Head	2R:-:52961295-52961269	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_37573	VSQLEGEVIAHSGGSK	AGAP004237-PA	-	111	1.15E-10	1	1597.819	0.5	Pupa	2R:-:52961148-52961101	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_50805	STTESQILR	AGAP004237-PA	-	46	0.000378072	2	1034.553	4.79	Malpighian tubule	2R:-:52961637-52961611	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_51031	IETLEQELK	AGAP004237-PA	-	56	4.32E-05	2	1102.599	-0.14	Pupa	2R:-:52961553-52961527	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_55721	LNQAEDEPTTTQESTDR	AGAP004237-PA	-	90	9.66E-09	2	1934.860	1.46	Head	2R:-:52961376-52961326	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_61533	VSQLESDAATREDEESTER	AGAP004237-PA	-	42	0.000718565	1	2151.963	-0.29	Head	2R:-:52961841-52961785	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_63237	LEQVPSNNAASNEK	AGAP004237-PA	-	37	0.002869981	2	1500.728	-0.58	Head	2R:-:52962381-52962340	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_66250	VIESDILR	AGAP004237-PA	-	46	0.000460436	2	944.541	-0.05	Pupa	2R:-:52961292-52961269	exon=> In CDS Exon 1 of transcript AGAP004237-PA

JHU_Ag_66638	VPLADSPANEK	AGAP004237-PA	-	53	6.94E-05	2	1140.588	-1.56	Pupa	2R:-:52961472-52961440	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_67771	KYQIEADILR	AGAP004237-PA	-	42	0.000556374	3	1248.699	3.34	Malpighian tubule	2R:-:52961877-52961848	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_74757	VPLADSPANEKIEELQK	AGAP004237-PA	-	47	0.00016936	1	1880.993	-1.75	Male reproductive organs	2R:-:52961472-52961422	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_82382	SKLNQAEDEPTTTQESTDR	AGAP004237-PA	-	60	1.18E-05	1	2149.983	-0.59	Pupa	2R:-:52961382-52961326	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_86681	LSQAETNPQASLDLTER	AGAP004237-PA	-	131	1.29E-12	1	1872.935	2.94	Ovary	2R:-:52962276-52962226	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_96026	VPLADSPANEKIEELQK	AGAP004237-PA	-	42	0.000624667	1	1881.004	4	Malpighian tubule	2R:-:52961472-52961422	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_98637	ESTATQDSNSEQIEELRK	AGAP004237-PA	-	38	0.001998583	1	2064.975	3.18	Malpighian tubule	2R:-:52961703-52961650	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_109366	VSQLEGEVIAHSGGSK	AGAP004237-PA	-	36	0.003168685	1	1597.824	3.51	Ovary	2R:-:52961148-52961101	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_111964	VPLADSPANEKIEELQK	AGAP004237-PA	-	99	1.26E-09	1	1881.002	3.02	Ovary	2R:-:52961472-52961422	exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_2595	KIVNAK	AGAP004238-PA	-	38	0.000692553	1	672.443	3.34	Ovary	2R:-:52967355-52967338	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_2845	FATEAAITILR	AGAP004238-PA	-	81	4.79E-08	2	1205.692	2.72	Salivary gland	2R:-:52966491-52966459	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_3378	IIGADADFFATMVVDAAQAVK	AGAP004238-PA	M12(Oxidation)	141	9.27E-14	1	2169.101	5.24	Malpighian tubule	2R:-:52967559-52967497	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_5254	EQLAIAEFAK	AGAP004238-PA	-	56	3.23E-05	1	1119.600	-4.44	Salivary gland	2R:-:52966737-52966708	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_6195	FATEAAITILR	AGAP004238-PA	-	58	1.12E-05	2	1205.686	-2.24	Head	2R:-:52966491-52966459	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_9044	GPNDFYCDEMER	AGAP004238-PA	C7(Carbamidomethyl), M10(Oxidation)	47	1.79E-05	1	1548.576	1.9	Ovary	2R:-:52966902-52966867	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_11140	FATEAAITILR	AGAP004238-PA	-	76	1.47E-07	2	1205.694	4.44	Malpighian tubule	2R:-:52966491-52966459	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_11275	IIGADADFFATMVVDAAQAVK	AGAP004238-PA	M12(Oxidation)	170	1.32E-16	1	2169.090	0.06	Ovary	2R:-:52967559-52967497	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_22983	AYHNSSQTVVDHAQLK	AGAP004238-PA	-	54	5.08E-05	1	1797.888	-0.01	Head	2R:-:52966632-52966585	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_24431	STVASALALAGNR	AGAP004238-PA	N-Term(Acetyl)	103	7.25E-10	1	1272.690	-0.28	Male reproductive organs	2R:-:52968515-52968477	exon=> In CDS Exon 1 of transcript AGAP004238-PA
JHU_Ag_25647	WYGLDLIEGVVK	AGAP004238-PA	-	39	0.001204061	1	1391.769	8.78	Malpighian tubule	2R:-:52966584-52966549	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_26758	EQLAIAEFAK	AGAP004238-PA	-	57	2.97E-05	2	1119.604	-0.08	Male reproductive organs	2R:-:52966737-52966708	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_27477	STVASALALAGNR	AGAP004238-PA	N-Term(Acetyl)	79	1.79E-07	2	1272.693	2.03	Pupa	2R:-:52968515-52968477	exon=> In CDS Exon 1 of transcript AGAP004238-PA
JHU_Ag_32063	IDDMITLNPEEK	AGAP004238-PA	M4(Oxidation)	65	5.20E-06	1	1433.683	-0.26	Malpighian tubule	2R:-:52966458-52966423	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_32440	AYHNSSQTVVDHAQLK	AGAP004238-PA	-	47	0.000270897	1	1797.899	6.09	Salivary gland	2R:-:52966632-52966585	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_33398	STVASALALAGNR	AGAP004238-PA	N-Term(Acetyl)	90	1.34E-08	1	1272.697	4.62	Ovary	2R:-:52968515-52968477	exon=> In CDS Exon 1 of transcript AGAP004238-PA
JHU_Ag_34329	IIGADADFFATMVVDAAQAVK	AGAP004238-PA	M12(Oxidation)	82	8.54E-08	2	2169.094	1.97	Male reproductive organs	2R:-:52967559-52967497	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_35659	WYGLDLIEGVVK	AGAP004238-PA	-	74	3.23E-07	2	1391.765	5.8	Ovary	2R:-:52966584-52966549	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_38029	LLEVEHPAAK	AGAP004238-PA	-	54	3.92E-05	1	1106.624	3.35	Malpighian tubule	2R:-:52967847-52967818	exon=> In CDS Exon 2 of transcript AGAP004238-PA

JHU_Ag_38032	TQNVMAASSIANIVK	AGAP004238-PA	M5(Oxidation)	63	6.71E-06	2	1562.821	0.14	Male reproductive organs	2R:-:52968455-52968518,52966372-52967938	exon=> In CDS Exon 2 and 1 of transcript AGAP004238-PA
JHU_Ag_38245	YISEHLTAPVDDLGR	AGAP004238-PA	-	56	3.65E-05	2	1685.852	1.32	Malpighian tubule	2R:-:52967646-52967602	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_38269	ESILVQGYALNCTIASQQMPK	AGAP004238-PA	C12(Carbamidomethyl), M19(Oxidation),C12(Carbamidomethyl)	64	5.82E-06	1	2367.171	1.18	Ovary	2R:-:52967418-52967356	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_40226	SLLVIPK	AGAP004238-PA	-	42	4.06E-06	2	769.518	-0.56	Ovary	2R:-:52966707-52966687	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_41527	SIHDALCVAK	AGAP004238-PA	C7(Carbamidomethyl)	70	1.14E-06	1	1113.571	-0.84	Ovary	2R:-:52966866-52966837	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_41887	SLLVIPK	AGAP004238-PA	-	19	0.002691721	1	769.518	0.23	Malpighian tubule	2R:-:52966707-52966687	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_44500	STVASALALAGNR	AGAP004238-PA	N-Term(Acetyl)	55	4.29E-05	2	1272.695	3.37	Head	2R:-:52968515-52968477	exon=> In CDS Exon 1 of transcript AGAP004238-PA
JHU_Ag_47601	YISEHLTAPVDDLGR	AGAP004238-PA	-	63	7.80E-06	2	1685.855	3.49	Head	2R:-:52967646-52967602	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_48584	TQNVMAASSIANIVK	AGAP004238-PA	M5(Oxidation)	86	3.20E-08	2	1562.822	0.69	Salivary gland	2R:-:52968455-52968518,52966372-52967938	exon=> In CDS Exon 2 and 1 of transcript AGAP004238-PA
JHU_Ag_53598	IDDMITLNPEEK	AGAP004238-PA	M4(Oxidation)	59	2.47E-05	2	1433.684	0.93	Head	2R:-:52966458-52966423	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_56301	WYGLDLIEGVVK	AGAP004238-PA	-	69	1.34E-06	2	1391.762	3.61	Salivary gland	2R:-:52966584-52966549	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_58998	MLVDDIGDVTVTNDGATILK	AGAP004238-PA	N13(Deamidated),M1(Oxidation)	89	1.89E-08	2	2106.068	2.28	Malpighian tubule	2R:-:52967907-52967848	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_59367	VLEGKK	AGAP004238-PA	-	36	0.002577011	1	673.426	2.32	Ovary	2R:-:52966833-52966816	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_59949	SLLVIPK	AGAP004238-PA	-	40	1.96E-05	2	769.518	0.15	Male reproductive organs	2R:-:52966707-52966687	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_61298	AYHNSSQTVVDHAQLK	AGAP004238-PA	-	87	2.57E-08	1	1797.890	1.21	Ovary	2R:-:52966632-52966585	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_64729	FATEAAITILR	AGAP004238-PA	-	88	1.01E-08	2	1205.690	0.49	Midgut	2R:-:52966491-52966459	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_68228	DATDLVAK	AGAP004238-PA	-	54	9.51E-05	1	832.442	0.71	Ovary	2R:-:52966662-52966639	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_70141	WYGLDLIEGVVK	AGAP004238-PA	-	59	1.19E-05	2	1391.755	-1.13	Visceras	2R:-:52966584-52966549	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_70321	IACLDFSLQK	AGAP004238-PA	C3(Carbamidomethyl)	77	2.49E-07	2	1194.622	3.1	Salivary gland	2R:-:52967337-52967308	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_72396	YISEHLTAPVDDLGRETLINVAK	AGAP004238-PA	-	114	2.04E-11	1	2554.358	2.57	Ovary	2R:-:52967646-52967578	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_73823	STVASALALAGNR	AGAP004238-PA	N-Term(Acetyl)	87	3.16E-08	2	1272.692	0.68	Midgut	2R:-:52968515-52968477	exon=> In CDS Exon 1 of transcript AGAP004238-PA
JHU_Ag_78965	VVAGGGCVEAALSIYLENFATSLSSR	AGAP004238-PA	C7(Carbamidomethyl)	76	3.25E-07	1	2671.344	1.73	Ovary	2R:-:52966815-52966738	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_79340	MLVDDIGDVTVTNDGATILK	AGAP004238-PA	M1(Oxidation)	122	9.34E-12	2	2106.066	1.24	Ovary	2R:-:52967907-52967848	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_80160	FATEAAITILR	AGAP004238-PA	-	87	1.07E-08	2	1205.692	2.72	Ovary	2R:-:52966491-52966459	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_80281	STVASALALAGNR	AGAP004238-PA	N-Term(Acetyl)	73	6.98E-07	2	1272.698	5.67	Malpighian tubule	2R:-:52968515-52968477	exon=> In CDS Exon 1 of transcript AGAP004238-PA
JHU_Ag_83628	IDDMITLNPEEK	AGAP004238-PA	M4(Oxidation)	77	3.67E-07	2	1433.682	-0.69	Ovary	2R:-:52966458-52966423	exon=> In CDS Exon 2 of transcript AGAP004238-PA

JHU_Ag_84444	TQNVMAASSIANIVK	AGAP004238-PA	M5(Oxidation)	140	1.31E-13	1	1562.822	1.08	Ovary	2R:-:52968455-52968518,52966372-52967938	exon=> In CDS Exon 2 and 1 of transcript AGAP004238-PA
JHU_Ag_85614	SLLVIPK	AGAP004238-PA	-	42	3.14E-06	2	769.517	-1.2	Salivary gland	2R:-:52966707-52966687	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_90336	TLAVNAAK	AGAP004238-PA	-	43	0.001159084	1	787.468	0.39	Ovary	2R:-:52966686-52966663	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_90361	LLEVEHPAAK	AGAP004238-PA	-	67	1.98E-06	1	1106.622	1.14	Ovary	2R:-:52967847-52967818	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_91011	FATEAAITILR	AGAP004238-PA	-	71	4.67E-07	2	1205.689	-0.02	Male reproductive organs	2R:-:52966491-52966459	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_91279	TAASIILR	AGAP004238-PA	-	62	6.48E-06	2	844.525	-0.71	Ovary	2R:-:52966926-52966903	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_91938	WYGLDLIEGVVK	AGAP004238-PA	-	67	1.86E-06	1	1391.765	5.8	Larva	2R:-:52966584-52966549	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_92899	DATDLVAK	AGAP004238-PA	-	44	0.000965053	1	832.445	4.3	Male reproductive organs	2R:-:52966662-52966639	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_96221	WYGLDLIEGVVKDNK	AGAP004238-PA	-	34	0.004127602	1	1748.924	1.23	Ovary	2R:-:52966584-52966540	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_97680	IHPTSIIAGYR	AGAP004238-PA	-	42	0.000547588	1	1227.687	2.05	Ovary	2R:-:52967703-52967671	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_98196	EQLAIAEFAK	AGAP004238-PA	-	60	1.18E-05	1	1119.609	4.34	Ovary	2R:-:52966737-52966708	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_98626	FATEAAITILR	AGAP004238-PA	-	79	7.66E-08	1	1205.690	0.89	Pupa	2R:-:52966491-52966459	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_100777	YISEHLTAPVDDLGR	AGAP004238-PA	-	78	2.20E-07	1	1685.851	0.74	Ovary	2R:-:52967646-52967602	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_102456	TQNVMAASSIANIVK	AGAP004238-PA	-	34	0.004398716	1	1546.828	1.43	Malpighian tubule	2R:-:52968455-52968518,52966372-52967938	exon=> In CDS Exon 2 and 1 of transcript AGAP004238-PA
JHU_Ag_103049	LLEVEHPAAK	AGAP004238-PA	-	59	1.20E-05	1	1106.620	-0.5	Head	2R:-:52967847-52967818	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_103462	MGVQVLITDPEKLEGIR	AGAP004238-PA	M1(Oxidation)	94	2.86E-09	1	1914.040	1.53	Ovary	2R:-:52967295-52967245	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_104848	MGVQVLITDPEK	AGAP004238-PA	-	55	4.49E-05	2	1329.710	1.07	Head	2R:-:52967295-52967260	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_105418	GPNDFYCDEMER	AGAP004238-PA	C7(Carbamidomethyl), M10(Oxidation)	38	0.000132462	2	1548.578	2.92	Malpighian tubule	2R:-:52966902-52966867	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_105537	STVASALALAGNR	AGAP004238-PA	N-Term(Acetyl)	73	6.10E-07	2	1272.695	2.99	Salivary gland	2R:-:52968515-52968477	exon=> In CDS Exon 1 of transcript AGAP004238-PA
JHU_Ag_107127	QKIHPTSIIAGYR	AGAP004238-PA	-	55	1.80E-05	1	1483.841	2.2	Ovary	2R:-:52967709-52967671	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_107437	YISEHLTAPVDDLGR	AGAP004238-PA	-	53	7.35E-05	1	1685.856	3.63	Salivary gland	2R:-:52967646-52967602	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_107705	IACLDFSLQK	AGAP004238-PA	C3(Carbamidomethyl)	78	1.75E-07	1	1194.618	-0.27	Ovary	2R:-:52967337-52967308	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_110800	YISEHLTAPVDDLGR	AGAP004238-PA	-	47	0.000291082	2	1685.850	0.23	Midgut	2R:-:52967646-52967602	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_112004	SSLGPVGLDKMLVDDIGDVTVTNDGATILK	AGAP004238-PA	M11(Oxidation)	48	0.000112457	3	3059.596	4.58	Ovary	2R:-:52967937-52967848	exon=> In CDS Exon 2 of transcript AGAP004238-PA
JHU_Ag_113320	TQNVMAASSIANIVK	AGAP004238-PA	M5(Oxidation)	77	2.07E-07	2	1546.831	3.57	Pupa	2R:-:52968455-52968518,52966372-52967938	exon=> In CDS Exon 2 and 1 of transcript AGAP004238-PA

JHU_Ag_13625	LILIR	AGAP004238-PA,AGAP000178-PA,AGAP009674-PA,AGAP009970-PA,AGAP012097-PA,AGAP000512-PA,AGAP000512-PB,AGAP013361-PA,AGAP002139-PA	-	20	0.005597189	1	627.458	3.92	Head	2R:-:52966956-52966942;X:+:2990220-2990234;3R:+:38245244-38245258;3R:+:46920953-46920967;3L:+:37636562-37636576;X:+:9067235-9067249;X:+:9067235-9067249;2R:-:39335391-39335377;2R:-:16400850-16400836	exon=> In CDS Exon 2 of transcript AGAP004238-PA;exon=> In CDS Exon 6 of transcript AGAP000178-PA;exon=> In CDS Exon 1 of transcript AGAP009674-PA;exon=> In CDS Exon 8 of transcript AGAP009970-PA;exon=> In CDS Exon 2 of transcript AGAP012097-PA;exon=> In CDS Exon 1 of transcript AGAP000512-PA;exon=> In CDS Exon 1 of transcript AGAP000512-PB;exon=> In CDS Exon 1 of transcript AGAP013361-PA;exon=> In CDS Exon 3 of transcript AGAP002139-PA
JHU_Ag_89136	LASNLDDENTDPAVQPLFWVSK	AGAP004239-PA	-	46	0.000366	2	2459.219	3.88	Ovary	2R:+:52971524-52971589	exon=> In CDS Exon 4 of transcript AGAP004239-PA
JHU_Ag_19820	VYFNTLVQIPEEDVIIK	AGAP004242-PA	-	28	0.007589489	1	2020.102	0.94	Midgut	2R:-:52977167-52977117	exon=> In CDS Exon 1 of transcript AGAP004242-PA
JHU_Ag_30630	ENSSLLTQNALSTNAK	AGAP004243-PA	-	78	2.77E-07	2	1690.864	1.85	Ovary	2R:+:52978680-52978727	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_33237	YAVVVTHPVWIDNVK	AGAP004243-PA	-	60	5.49E-06	1	1739.956	4.39	Malpighian tubule	2R:+:52979478-52979522	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_36524	LLALQQPESSLNLK	AGAP004243-PA	-	61	3.12E-06	1	1553.893	2.21	Ovary	2R:+:52979670-52979711	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_39374	HSIQQYVLSEK	AGAP004243-PA	-	67	3.24E-06	2	1331.700	3.62	Malpighian tubule	2R:+:52979637-52979669	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_50074	YAVVVTHPVWIDNVK	AGAP004243-PA	-	69	7.51E-07	1	1739.948	-0.1	Ovary	2R:+:52979478-52979522	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_65835	HSIQQYVLSEK	AGAP004243-PA	Q4(Deamidated)	89	1.93E-08	1	1331.701	3.9	Ovary	2R:+:52979637-52979669	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_87936	TPLQVLNALQSGEISVVK	AGAP004243-PA	-	74	9.11E-08	1	1896.082	1.18	Ovary	2R:+:52979034-52979087	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_103964	GVELVVSYALHAFNENK	AGAP004243-PA	-	87	2.85E-08	1	1889.983	3.85	Ovary	2R:+:52979924-52979974	exon=> In CDS Exon 3 of transcript AGAP004243-PA
JHU_Ag_105282	LVAQLRQPNSALK	AGAP004243-PA	-	50	1.35E-05	1	1437.855	1.03	Malpighian tubule	2R:+:52979718-52979756	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_115918	TALDVETVKDNIPAGAVSNR	AGAP004243-PA	-	34	0.004208393	1	2070.087	2.24	Ovary	2R:+:52978866-52978925	exon=> In CDS Exon 2 of transcript AGAP004243-PA
JHU_Ag_54374	VKDIWHR	AGAP004243-PA,AGAP012952-PA	-	37	0.001406029	2	953.534	2.88	Malpighian tubule	2R:+:52980098-52980118;2R:+:52985250-52985270	exon=> In CDS Exon 3 of transcript AGAP004243-PA;exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_107091	QGDLAAIR	AGAP004244-PA	-	30	0.009977767	1	843.472	3.89	Midgut	2R:+:53102003-53102009,53102308-53102324	exon=> In CDS Exon 1 and 2 of transcript AGAP004244-PA
JHU_Ag_41949	NLFVLSLLK	AGAP004245-PA	-	42	4.72E-05	1	1046.662	0.63	Ovary	2R:+:53132240-53132266	exon=> In CDS Exon 2 of transcript AGAP004245-PA
JHU_Ag_101961	DPSTEQQQQPQPEDR	AGAP004245-PA	-	79	1.31E-07	2	1782.792	1.92	Head	2R:+:53132066-53132110	exon=> In CDS Exon 2 of transcript AGAP004245-PA
JHU_Ag_103556	DPILLSSMQQPEMVR	AGAP004245-PA	M8(Oxidation), M13(Oxidation)	65	5.40E-06	2	1775.874	4.06	Head	2R:+:53132267-53132311	exon=> In CDS Exon 2 of transcript AGAP004245-PA

JHU_Ag_2761	FKLQPVDDEEGSDYINANYVPGHNSPR	AGAP004246-PA,AGAP004246-PB	-	74	6.13E-07	1	3061.438	2.91	Malpighian tubule	2R:-:53142008-53142132,53141605-53141845;2R:-:53142008-53142132,53141605-53141845	exon=> In CDS Exon 7 and 6 of transcript AGAP004246-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP004246-PB
JHU_Ag_19463	VSIEPPDALGSVLYVQK	AGAP004246-PA,AGAP004246-PB	-	47	0.000128605	1	1815.000	5.78	Salivary gland	2R:-:53146087-53146037;2R:-:53146087-53146037	exon=> In CDS Exon 2 of transcript AGAP004246-PA;exon=> In CDS Exon 2 of transcript AGAP004246-PB
JHU_Ag_29837	LVFTNLYPGAGYEVK	AGAP004246-PA,AGAP004246-PB	-	58	2.09E-05	2	1670.884	3.18	Salivary gland	2R:-:53145193-53145149;2R:-:53145193-53145149	exon=> In CDS Exon 2 of transcript AGAP004246-PA;exon=> In CDS Exon 2 of transcript AGAP004246-PB
JHU_Ag_42448	IQTISYGLTSDLTK	AGAP004246-PA,AGAP004246-PB	-	49	0.000102416	2	1539.833	4.41	Salivary gland	2R:-:53144379-53144338;2R:-:53144379-53144338	exon=> In CDS Exon 4 of transcript AGAP004246-PA;exon=> In CDS Exon 4 of transcript AGAP004246-PB
JHU_Ag_71162	VGPDQRPIVVHCSAGVGR	AGAP004246-PA,AGAP004246-PB	C12(Carbamidomethyl)	41	0.00107375	1	1903.992	0.17	Malpighian tubule	2R:-:53141399-53141346;2R:-:53141399-53141346	exon=> In CDS Exon 8 of transcript AGAP004246-PA;exon=> In CDS Exon 8 of transcript AGAP004246-PB
JHU_Ag_82540	VTSWPASGDVTLKPLPVK	AGAP004246-PA,AGAP004246-PB	-	34	0.000877855	1	1895.067	1.63	Salivary gland	2R:-:53145661-53145608;2R:-:53145661-53145608	exon=> In CDS Exon 2 of transcript AGAP004246-PA;exon=> In CDS Exon 2 of transcript AGAP004246-PB
JHU_Ag_6205	MEDYKNAK	AGAP004247-PA,AGAP004247-PB	N-Term(Acetyl)	40	0.000790339	2	1040.473	1.25	Malpighian tubule	2R:+:53207782-53207805;2R:+:53207782-53207805	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB
JHU_Ag_9999	MEDYKNAK	AGAP004247-PA,AGAP004247-PB	N-Term(Acetyl), M1(Oxidation)	39	0.000740185	2	1056.466	-0.54	Malpighian tubule	2R:+:53207782-53207805;2R:+:53207782-53207805	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB
JHU_Ag_2826	AEVGDVFAK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	47	0.000296956	1	935.483	-0.66	Ovary	2R:+:53208162-53208188;2R:+:53208162-53208188;2R:+:53208162-53208188	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_6572	DSQGADVSLEK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	62	9.55E-06	2	1148.545	1.9	Head	2R:+:53207830-53207862;2R:+:53207830-53207862;2R:+:53207830-53207862	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_10894	GNYAELTELSQK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	73	9.16E-07	2	1352.671	1.32	Visceras	2R:+:53207920-53207955;2R:+:53207920-53207955;2R:+:53207920-53207955	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_12363	VLLIVNIASQCGLTK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C11(Carbamidomethyl)	130	3.34E-13	1	1628.942	0.76	Head	2R:+:53207875-53207919;2R:+:53207875-53207919;2R:+:53207875-53207919	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC

JHU_Ag_15450	YADKDFK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	37	0.001368038	2	886.430	-0.57	Malpighian tubule	2R:+:53207956-53207968,53208067-53208074;2R:+:53207956-53207968,53208067-53208074;2R:+:53207956-53207968,53208067-53208074	exon=> In CDS Exon 1 and 2 of transcript AGAP004247-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP004247-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004247-PC
JHU_Ag_17017	ILSFPCNQFGGQMPEGDGEEMVCHLR	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C6(Carbamidomethyl), M13(Oxidation), C23(Carbamidomethyl),"C6(Carbamidomethyl), M13(Oxidation), M21(Oxidation), C23(Carbamidomethyl)","C6(Carbamidomethyl), M21(Oxidation), C23(Carbamidomethyl)"	98	1.04E-09	1	3040.308	0.82	Head	2R:+:53208075-53208152;2R:+:53208075-53208152;2R:+:53208075-53208152	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_17504	FLVNK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	29	0.003057481	1	620.378	2.75	Visceras	2R:+:53208655-53208669;2R:+:53209229-53209243;2R:+:53208655-53208669	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 3 of transcript AGAP004247-PB;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_19153	DSQGADVSLEK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	70	1.49E-06	1	1148.547	3.67	Midgut	2R:+:53207830-53207862;2R:+:53207830-53207862;2R:+:53207830-53207862	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_29528	VLLIVNIASQCGLTK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C11(Carbamidomethyl)	94	1.18E-09	1	1628.948	4.65	Malpighian tubule	2R:+:53207875-53207919;2R:+:53207875-53207919;2R:+:53207875-53207919	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_32528	AEVGDVFAK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	56	3.49E-05	1	935.487	3.99	Visceras	2R:+:53208162-53208188;2R:+:53208162-53208188;2R:+:53208162-53208188	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_33852	DSQGADVSLEK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	66	4.62E-06	2	1148.544	1.26	Visceras	2R:+:53207830-53207862;2R:+:53207830-53207862;2R:+:53207830-53207862	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_34957	VLLIVNIASQCGLTK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C11(Carbamidomethyl)	82	1.90E-08	2	1628.944	1.88	Visceras	2R:+:53207875-53207919;2R:+:53207875-53207919;2R:+:53207875-53207919	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC

JHU_Ag_35456	GNYAELTELSQK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	35	0.004618679	2	1352.677	5.56	Larva	2R:+:53207920-53207955;2R:+:53207920-53207955;2R:+:53207920-53207955	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_51827	GNYAELTELSQK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	94	6.85E-09	2	1352.671	1.5	Malpighian tubule	2R:+:53207920-53207955;2R:+:53207920-53207955;2R:+:53207920-53207955	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_68588	VLLIVNIASQCGLTK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C11(Carbamidomethyl)	105	1.08E-10	2	1628.943	1.28	Ovary	2R:+:53207875-53207919;2R:+:53207875-53207919;2R:+:53207875-53207919	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_69047	AEVGDVFAK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	33	0.007511394	1	935.484	0.32	Midgut	2R:+:53208162-53208188;2R:+:53208162-53208188;2R:+:53208162-53208188	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_70757	VLLIVNIASQCGLTK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C11(Carbamidomethyl)	115	9.39E-12	1	1628.942	1.06	Midgut	2R:+:53207875-53207919;2R:+:53207875-53207919;2R:+:53207875-53207919	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_74073	GNYAELTELSQK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	85	6.10E-08	1	1352.670	0.69	Head	2R:+:53207920-53207955;2R:+:53207920-53207955;2R:+:53207920-53207955	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_83366	DSQGADVSLEKYR	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	70	1.60E-06	1	1467.709	0.9	Malpighian tubule	2R:+:53207830-53207868;2R:+:53207830-53207868;2R:+:53207830-53207868	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_84019	GNYAELTELSQK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	86	4.67E-08	2	1352.671	1.14	Salivary gland	2R:+:53207920-53207955;2R:+:53207920-53207955;2R:+:53207920-53207955	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_90029	GNYAELTELSQK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	92	1.20E-08	1	1352.669	-0.57	Midgut	2R:+:53207920-53207955;2R:+:53207920-53207955;2R:+:53207920-53207955	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_93968	ILSFPCNQFGGQMPEGDGEEMVCHLR	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C6(Carbamidomethyl), M13(Oxidation), M21(Oxidation), C23(Carbamidomethyl)	137	1.59E-13	1	3040.313	2.33	Ovary	2R:+:53208075-53208152;2R:+:53208075-53208152;2R:+:53208075-53208152	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_98664	FLVNKDGQPVDR	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	89	2.05E-08	1	1387.737	3.11	Malpighian tubule	2R:+:53208655-53208690;2R:+:53209229-53209264;2R:+:53208655-53208690	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 3 of transcript AGAP004247-PB;exon=> In CDS Exon 4 of transcript AGAP004247-PC

JHU_Ag_99235	AEVGDVFAK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	56	3.32E-05	1	935.487	4.44	Malpighian tubule	2R:+:53208162-53208188;2R:+:53208162-53208188;2R:+:53208162-53208188	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_100596	DSQGADVSLEK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	67	3.71E-06	1	1148.545	1.47	Ovary	2R:+:53207830-53207862;2R:+:53207830-53207862;2R:+:53207830-53207862	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_101494	SVYDFTVKDSQGADVSLEK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	50	0.000177335	1	2088.019	2.94	Malpighian tubule	2R:+:53207806-53207862;2R:+:53207806-53207862;2R:+:53207806-53207862	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_102928	AEVGDVFAK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	43	0.000752514	1	935.486	3.01	Head	2R:+:53208162-53208188;2R:+:53208162-53208188;2R:+:53208162-53208188	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_108014	GNYAELTELSQK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	97	3.61E-09	1	1352.669	-0.21	Ovary	2R:+:53207920-53207955;2R:+:53207920-53207955;2R:+:53207920-53207955	exon=> In CDS Exon 1 of transcript AGAP004247-PA;exon=> In CDS Exon 1 of transcript AGAP004247-PB;exon=> In CDS Exon 2 of transcript AGAP004247-PC
JHU_Ag_109509	SAKAEVGDVFAK	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	-	49	0.000152336	2	1221.652	3.64	Malpighian tubule	2R:+:53208153-53208188;2R:+:53208153-53208188;2R:+:53208153-53208188	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_116521	ILSFPCNQFGGQMPEGDGEEMVCHLR	AGAP004247-PA,AGAP004247-PB,AGAP004247-PC	C6(Carbamidomethyl), M13(Oxidation), C23(Carbamidomethyl),"C6(Carbamidomethyl), M13(Oxidation), M21(Oxidation), C23(Carbamidomethyl)","C6(Carbamidomethyl), M21(Oxidation), C23(Carbamidomethyl)"	113	3.07E-11	1	3024.322	3.58	Malpighian tubule	2R:+:53208075-53208152;2R:+:53208075-53208152;2R:+:53208075-53208152	exon=> In CDS Exon 2 of transcript AGAP004247-PA;exon=> In CDS Exon 2 of transcript AGAP004247-PB;exon=> In CDS Exon 3 of transcript AGAP004247-PC
JHU_Ag_42867	IDVNGDGAHPLYK	AGAP004247-PA,AGAP004247-PC	N4(Deamidated)	111	9.24E-11	1	1398.702	0.32	Ovary	2R:+:53208556-53208594;2R:+:53208556-53208594;2R:+:53208556-53208594	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_44671	IDVNGDGAHPLYK	AGAP004247-PA,AGAP004247-PC	N4(Deamidated)	83	7.04E-08	1	1399.687	1.27	Midgut	2R:+:53208556-53208594;2R:+:53208556-53208594;2R:+:53208556-53208594	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_56673	IDVNGDGAHPLYK	AGAP004247-PA,AGAP004247-PC	N4(Deamidated)	95	4.39E-09	2	1398.700	-0.82	Head	2R:+:53208556-53208594;2R:+:53208556-53208594;2R:+:53208556-53208594	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC

JHU_Ag_68367	AEVGDVFAKIDVNGDGAHPLYK	AGAP004247-PA,AGAP004247-PC	N13(Deamidated)	101	1.04E-09	1	2316.161	4.46	Malpighian tubule	2R:+:53208162-53208188,53208556-53208594;2R:+:53208162-53208188,53208556-53208594	exon=> In CDS Exon 2 and 3 of transcript AGAP004247-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP004247-PC
JHU_Ag_69188	YAPTTSPSSIVK	AGAP004247-PA,AGAP004247-PC	-	37	0.002522341	1	1250.664	1.1	Visceras	2R:+:53208691-53208726;2R:+:53208691-53208726	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_69302	YAPTTSPSSIVK	AGAP004247-PA,AGAP004247-PC	-	40	0.001193784	1	1250.661	-1.38	Head	2R:+:53208691-53208726;2R:+:53208691-53208726	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_74216	IDVNGDGAHPLYK	AGAP004247-PA,AGAP004247-PC	-	92	8.37E-09	1	1398.704	1.72	Visceras	2R:+:53208556-53208594;2R:+:53208556-53208594	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_78866	QGGTLGDSIK	AGAP004247-PA,AGAP004247-PC	-	42	0.001466042	2	975.512	1.57	Ovary	2R:+:53208610-53208639;2R:+:53208610-53208639	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_84729	IDVNGDGAHPLYK	AGAP004247-PA,AGAP004247-PC	N4(Deamidated)	84	5.15E-08	1	1398.701	0.14	Malpighian tubule	2R:+:53208556-53208594;2R:+:53208556-53208594	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_99483	YAPTTSPSSIVK	AGAP004247-PA,AGAP004247-PC	-	59	1.89E-05	1	1250.663	0.13	Ovary	2R:+:53208691-53208726;2R:+:53208691-53208726	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_111754	QGGTLGDSIKWNFAK	AGAP004247-PA,AGAP004247-PC	-	86	3.64E-08	1	1621.837	2.51	Malpighian tubule	2R:+:53208610-53208654;2R:+:53208610-53208654	exon=> In CDS Exon 3 of transcript AGAP004247-PA;exon=> In CDS Exon 4 of transcript AGAP004247-PC
JHU_Ag_407	IKVNGDDADPLYK	AGAP004247-PB	-	65	5.47E-06	1	1447.743	0.28	Head	2R:+:53209130-53209168	exon=> In CDS Exon 3 of transcript AGAP004247-PB
JHU_Ag_9593	VNGDDADPLYK	AGAP004247-PB	-	34	0.004100204	2	1206.564	0.31	Head	2R:+:53209136-53209168	exon=> In CDS Exon 3 of transcript AGAP004247-PB
JHU_Ag_12360	QGGILGDSIKWNFSK	AGAP004247-PB	-	44	0.000542464	1	1649.870	3.22	Malpighian tubule	2R:+:53209184-53209228	exon=> In CDS Exon 3 of transcript AGAP004247-PB
JHU_Ag_24794	IKVNGDDADPLYK	AGAP004247-PB	-	51	0.000134999	1	1447.743	0.28	Malpighian tubule	2R:+:53209130-53209168	exon=> In CDS Exon 3 of transcript AGAP004247-PB
JHU_Ag_47041	VNGDDADPLYK	AGAP004247-PB	N2(Deamidated)	52	7.96E-05	2	1206.563	-0.3	Malpighian tubule	2R:+:53209136-53209168	exon=> In CDS Exon 3 of transcript AGAP004247-PB
JHU_Ag_58049	LSAQLLK	AGAP004249-PA	Q4(Deamidated)	33	0.002268264	1	773.480	3.68	Malpighian tubule	2R:+:53256057-53256077	exon=> In CDS Exon 4 of transcript AGAP004249-PA
JHU_Ag_60867	LSAQLLK	AGAP004249-PA	Q4(Deamidated)	35	0.001355 34	1	773.476	-0.58	Head	2R:+:53256057-53256077	exon=> In CDS Exon 4 of transcript AGAP004249-PA
JHU_Ag_17055	IEAAAGLEHPLISATLSPNSSK	AGAP004251-PA	-	74	3.32E-07	1	2206.179	3.23	Head	2R:-:53277131-53277066	exon=> In CDS Exon 4 of transcript AGAP004251-PA
JHU_Ag_23983	FHLGTYFDR	AGAP004251-PA	-	38	0.001662355	3	1155.558	-0.34	Head	2R:-:53277523-53277497	exon=> In CDS Exon 3 of transcript AGAP004251-PA
JHU_Ag_103027	TSLDNTDLTVTSLNYIDELQSYHGNGR	AGAP004251-PA	N25(Deamidated),Q20(Deamidated),N14(Deamidated)	62	7.55E-06	1	3027.424	2.04	Head	2R:-:53277604-53277524	exon=> In CDS Exon 3 of transcript AGAP004251-PA
JHU_Ag_59058	DSSASSTTLPLTDAEK	AGAP004256-PA,AGAP004256-PB	-	60	1.93E-05	1	1622.777	0.94	Head	2R:+:53368071-53368118;2R:+:53368071-53368118	exon=> In CDS Exon 8 of transcript AGAP004256-PA;exon=> In CDS Exon 7 of transcript AGAP004256-PB
JHU_Ag_78455	LVQDLDEPDPDISK	AGAP004256-PA,AGAP004256-PB	-	77	2.64E-07	2	1583.782	1.52	Head	2R:+:53365327-53365368;2R:+:53365327-53365368	exon=> In CDS Exon 5 of transcript AGAP004256-PA;exon=> In CDS Exon 4 of transcript AGAP004256-PB

JHU_Ag_7319	FQGGVPALGLASLDPLR	AGAP004263-PA	-	103	2.22E-10	1	1710.957	1.61	Head	2R:+:53468889-53468939	exon=> In CDS Exon 2 of transcript AGAP004263-PA
JHU_Ag_33394	FYMHLTNLFNGDK	AGAP004263-PA	M3(Oxidation)	80	1.26E-07	1	1615.756	-1.07	Head	2R:+:53469453-53469491	exon=> In CDS Exon 4 of transcript AGAP004263-PA
JHU_Ag_51361	TGDEPCVVQAITNTFQK	AGAP004263-PA	C6(Carbamidomethyl)	114	5.74E-11	1	1907.917	0.11	Visceras	2R:+:53468838-53468888	exon=> In CDS Exon 2 of transcript AGAP004263-PA
JHU_Ag_77723	FQGGVPALGLASLDPLR	AGAP004263-PA	-	92	2.18E-09	2	1710.958	2.61	Visceras	2R:+:53468889-53468939	exon=> In CDS Exon 2 of transcript AGAP004263-PA
JHU_Ag_77876	TGDEPCVVQAITNTFQK	AGAP004263-PA	C6(Carbamidomethyl)	132	1.12E-12	1	1907.920	1.9	Head	2R:+:53468838-53468888	exon=> In CDS Exon 2 of transcript AGAP004263-PA
JHU_Ag_95686	LPVASLVGSYK	AGAP004263-PA	-	49	7.91E-05	1	1133.654	-2.58	Male reproductive organs	2R:+:53469159-53469191	exon=> In CDS Exon 3 of transcript AGAP004263-PA
JHU_Ag_33029	VTFSGLLNCLDGVASTEAR	AGAP004266-PA,AGAP012809-PA	C9(Carbamidomethyl)	103	8.23E-10	1	2010.007	5.64	Visceras	2R:-:53496327-53496271;UNKN:-:30771294-30771238	exon=> In CDS Exon 1 of transcript AGAP004266-PA;exon=> In CDS Exon 2 of transcript AGAP012809-PA
JHU_Ag_40238	RRPIGSVVLDEGVSER	AGAP004266-PA,AGAP012809-PA	-	43	0.000450898	1	1768.962	-2.79	Head	2R:-:53496693-53496646;UNKN:-:30771660-30771613	exon=> In CDS Exon 1 of transcript AGAP004266-PA;exon=> In CDS Exon 2 of transcript AGAP012809-PA
JHU_Ag_45953	VTFSGLLNCLDGVASTEAR	AGAP004266-PA,AGAP012809-PA	C9(Carbamidomethyl)	72	1.09E-06	2	2009.999	1.57	Head	2R:-:53496327-53496271;UNKN:-:30771294-30771238	exon=> In CDS Exon 1 of transcript AGAP004266-PA;exon=> In CDS Exon 2 of transcript AGAP012809-PA
JHU_Ag_54547	VTFSGLLNCLDGVASTEAR	AGAP004266-PA,AGAP012809-PA	C9(Carbamidomethyl)	95	5.38E-09	2	2010.004	4	Malpighian tubule	2R:-:53496327-53496271;UNKN:-:30771294-30771238	exon=> In CDS Exon 1 of transcript AGAP004266-PA;exon=> In CDS Exon 2 of transcript AGAP012809-PA
JHU_Ag_105442	VTFSGLLNCLDGVASTEAR	AGAP004266-PA,AGAP012809-PA	C9(Carbamidomethyl)	43	0.000776462	2	2009.999	1.51	Midgut	2R:-:53496327-53496271;UNKN:-:30771294-30771238	exon=> In CDS Exon 1 of transcript AGAP004266-PA;exon=> In CDS Exon 2 of transcript AGAP012809-PA
JHU_Ag_56897	AHGITK	AGAP004267-PA	-	30	0.003051504	1	626.361	-1.95	Head	2R:+:53497991-53498008	exon=> In CDS Exon 2 of transcript AGAP004267-PA
JHU_Ag_21444	HAGTLIFFHGSGDTGNGLTEWIR	AGAP004271-PA	-	126	4.30E-12	1	2486.227	2.42	Visceras	2R:-:53525658-53525700,53524806-53525448	exon=> In CDS Exon 2 and 1 of transcript AGAP004271-PA
JHU_Ag_32863	IIPEPEDNVFETPAPDTTK	AGAP004271-PA	-	48	0.000271127	2	2113.034	0.27	Visceras	2R:-:53524886-53524830	exon=> In CDS Exon 2 of transcript AGAP004271-PA
JHU_Ag_34244	VIDFVQK	AGAP004271-PA	-	33	0.004072143	1	848.487	-1.15	Visceras	2R:-:53524907-53524887	exon=> In CDS Exon 2 of transcript AGAP004271-PA
JHU_Ag_6473	DTLVPPEWGQTTFDELAK	AGAP004271-PA,AGAP012883-PA	-	41	0.001224968	1	2047.005	1.45	Visceras	2R:-:53525033-53524980;UNKN:+:36311890-36311943	exon=> In CDS Exon 2 of transcript AGAP004271-PA;exon=> In CDS Exon 1 of transcript AGAP012883-PA
JHU_Ag_4087	YISATGGADSRPATGPGTPTEENAGQIGQVTHK	AGAP004273-PB,AGAP004273-PA	Q26(Deamidated),Q29(Deamidated),N23(Deamidated)	202	7.86E-20	1	3268.588	1.59	Head	2R:-:53557672-53557946,53549218-53549305;2R:-:53557672-53557946,53549218-53549305	exon=> In CDS Exon 4 and 2 of transcript AGAP004273-PB;exon=> In CDS Exon 4 and 2 of transcript AGAP004273-PA

JHU_Ag_24850	ASQGIAGSTDAADEEDRSR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PA	-	59	1.46E-05	1	1935.871	3.63	Head	2R:-:53557729-53557673;2R:-:53557729-53557673;2R:-:53557729-53557673	exon=> In CDS Exon 3 of transcript AGAP004273-PD;exon=> In CDS Exon 2 of transcript AGAP004273-PB;exon=> In CDS Exon 2 of transcript AGAP004273-PA
JHU_Ag_10950	IITEENFWR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	54	6.32E-05	1	1207.610	-0.21	Male reproductive organs	2R:-:53548758-53548896,53548553-53548656;2R:-:53548758-53548896,53548553-53548656;2R:-:53548758-53548896,53548553-53548656	exon=> In CDS Exon 8 and 7 of transcript AGAP004273-PD;exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PA
JHU_Ag_15969	KANQTDENGGITNEGLVTSPEK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	92	1.06E-08	1	2302.111	-1.91	Head	2R:-:53557795-53557730;2R:-:53557795-53557730;2R:-:53557795-53557730	exon=> In CDS Exon 3 of transcript AGAP004273-PD;exon=> In CDS Exon 2 of transcript AGAP004273-PB;exon=> In CDS Exon 2 of transcript AGAP004273-PC;exon=> In CDS Exon 2 of transcript AGAP004273-PA
JHU_Ag_23720	SIGSFLYSSFNK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	44	0.000650124	2	1349.677	2.62	Ovary	2R:-:53549286-53549251;2R:-:53549286-53549251;2R:-:53549286-53549251	exon=> In CDS Exon 5 of transcript AGAP004273-PD;exon=> In CDS Exon 4 of transcript AGAP004273-PB;exon=> In CDS Exon 4 of transcript AGAP004273-PC;exon=> In CDS Exon 4 of transcript AGAP004273-PA
JHU_Ag_25057	ASQGIAGSTDAADEEDR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	141	4.66E-14	1	1692.732	0.61	Head	2R:-:53557729-53557679;2R:-:53557729-53557679;2R:-:53557729-53557679	exon=> In CDS Exon 3 of transcript AGAP004273-PD;exon=> In CDS Exon 2 of transcript AGAP004273-PB;exon=> In CDS Exon 2 of transcript AGAP004273-PC;exon=> In CDS Exon 2 of transcript AGAP004273-PA
JHU_Ag_31192	ASQGIAGSTDAADEEDR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	62	3.85E-06	2	1692.735	2.49	Male reproductive organs	2R:-:53557729-53557679;2R:-:53557729-53557679;2R:-:53557729-53557679	exon=> In CDS Exon 3 of transcript AGAP004273-PD;exon=> In CDS Exon 2 of transcript AGAP004273-PB;exon=> In CDS Exon 2 of transcript AGAP004273-PC;exon=> In CDS Exon 2 of transcript AGAP004273-PA

JHU_Ag_45382	DNSILGEFSKEQEAFIK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	65	3.68E-06	1	1954.981	2.88	Visceras	2R:-:53549223-53549304,53548982-53549075;2R:-:53549223-53549315,53548982-53549075;2R:-:53549223-53549304,53548982-53549075;2R:-:53549223-53549315,53548982-53549075	exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP004273-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004273-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP004273-PA
JHU_Ag_48418	EEILSLSADRR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	47	0.000310467	1	1288.687	0.93	Head	2R:-:53549005-53549119,53548757-53548888;2R:-:53549005-53549119,53548757-53548888;2R:-:53549005-53549119,53548757-53548888	exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PD;exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PA
JHU_Ag_48595	IITEENFWR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	61	1.15E-05	1	1207.611	-0.05	Head	2R:-:53548758-53548896,53548553-53548656;2R:-:53548758-53548896,53548553-53548656;2R:-:53548758-53548896,53548553-53548656	exon=> In CDS Exon 8 and 7 of transcript AGAP004273-PD;exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PA
JHU_Ag_52478	VSLICQAADLGTLGDNNEFVK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	C5(Carbamidomethyl)	102	9.15E-10	2	2264.124	0.33	Head	2R:-:53548640-53548578;2R:-:53548640-53548578;2R:-:53548640-53548578	exon=> In CDS Exon 8 of transcript AGAP004273-PD;exon=> In CDS Exon 7 of transcript AGAP004273-PB;exon=> In CDS Exon 7 of transcript AGAP004273-PC;exon=> In CDS Exon 7 of transcript AGAP004273-PA
JHU_Ag_58668	DNSILGEFSK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	N2(Deamidated)	86	3.89E-08	2	1109.548	0.91	Head	2R:-:53549223-53549304,53548982-53549096;2R:-:53549223-53549315,53548982-53549096;2R:-:53549223-53549304,53548982-53549096;2R:-:53549223-53549315,53548982-53549096	exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP004273-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004273-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP004273-PA

JHU_Ag_70307	VSLICQAADLGTLGDNNEFVKR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	C5(Carbamidomethyl)	120	1.27E-11	1	2420.229	2.2	Head	2R:-:53548640-53548575;2R:-:53548640-53548575;2R:-:53548640-53548575;2R:-:53548640-53548575	exon=> In CDS Exon 8 of transcript AGAP004273-PD;exon=> In CDS Exon 7 of transcript AGAP004273-PB;exon=> In CDS Exon 7 of transcript AGAP004273-PC;exon=> In CDS Exon 7 of transcript AGAP004273-PA
JHU_Ag_71266	SIGSFLYSSFNK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	72	1.17E-06	2	1349.681	5.16	Malpighian tubule	2R:-:53549286-53549251;2R:-:53549286-53549251;2R:-:53549286-53549251;2R:-:53549286-53549251	exon=> In CDS Exon 5 of transcript AGAP004273-PD;exon=> In CDS Exon 4 of transcript AGAP004273-PB;exon=> In CDS Exon 4 of transcript AGAP004273-PC;exon=> In CDS Exon 4 of transcript AGAP004273-PA
JHU_Ag_74494	GGVFSGVSSK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	54	4.68E-05	1	924.478	-0.46	Head	2R:-:53557936-53557907;2R:-:53557936-53557907;2R:-:53557936-53557907;2R:-:53557936-53557907	exon=> In CDS Exon 3 of transcript AGAP004273-PD;exon=> In CDS Exon 2 of transcript AGAP004273-PB;exon=> In CDS Exon 2 of transcript AGAP004273-PC;exon=> In CDS Exon 2 of transcript AGAP004273-PA
JHU_Ag_76782	NQQGGGSAGACPWTGHANEAK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	C11(Carbamidomethyl)	121	5.73E-12	1	2097.915	-0.15	Head	2R:-:53549074-53549012;2R:-:53549074-53549012;2R:-:53549074-53549012;2R:-:53549074-53549012	exon=> In CDS Exon 6 of transcript AGAP004273-PD;exon=> In CDS Exon 5 of transcript AGAP004273-PB;exon=> In CDS Exon 5 of transcript AGAP004273-PC;exon=> In CDS Exon 5 of transcript AGAP004273-PA
JHU_Ag_85631	IKEEILSLSADR	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	92	5.63E-09	1	1373.767	2.44	Head	2R:-:53549011-53549119,53548757-53548891;2R:-:53549011-53549119,53548757-53548891;2R:-:53549011-53549119,53548757-53548891;2R:-:53549011-53549119,53548757-53548891	exon=> In CDS Exon 7 and 6 of transcript AGAP004273-PD;exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP004273-PA
JHU_Ag_87309	VSLICQAADLGTLGDNNEFVK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	C5(Carbamidomethyl)	104	6.94E-10	1	2264.126	1.3	Visceras	2R:-:53548640-53548578;2R:-:53548640-53548578;2R:-:53548640-53548578;2R:-:53548640-53548578	exon=> In CDS Exon 8 of transcript AGAP004273-PD;exon=> In CDS Exon 7 of transcript AGAP004273-PB;exon=> In CDS Exon 7 of transcript AGAP004273-PC;exon=> In CDS Exon 7 of transcript AGAP004273-PA

JHU_Ag_91575	SIGSFLYSSFNK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	74	7.01E-07	2	1349.682	6.51	Male reproductive organs	2R:-:53549286-53549251;2R:-:53549286-53549251;2R:-:53549286-53549251;2R:-:53549286-53549251	exon=> In CDS Exon 5 of transcript AGAP004273-PD;exon=> In CDS Exon 4 of transcript AGAP004273-PB;exon=> In CDS Exon 4 of transcript AGAP004273-PC;exon=> In CDS Exon 4 of transcript AGAP004273-PA
JHU_Ag_95199	ANQTDENGGITNEGLVTSPEK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	N7(Deamidated),N2(Deamidated),"Q3(Deamidated), N7(Deamidated), N12(Deamidated)","N2(Deamidated), N7(Deamidated), N12(Deamidated)",Q3(Deamidated)	189	1.64E-18	1	2174.021	0.2	Head	2R:-:53557792-53557730;2R:-:53557792-53557730;2R:-:53557792-53557730;2R:-:53557792-53557730	exon=> In CDS Exon 3 of transcript AGAP004273-PD;exon=> In CDS Exon 2 of transcript AGAP004273-PB;exon=> In CDS Exon 2 of transcript AGAP004273-PC;exon=> In CDS Exon 2 of transcript AGAP004273-PA
JHU_Ag_101107	SIGSFLYSSFNK	AGAP004273-PD,AGAP004273-PB,AGAP004273-PC,AGAP004273-PA	-	95	4.89E-09	1	1349.673	-0.27	Head	2R:-:53549286-53549251;2R:-:53549286-53549251;2R:-:53549286-53549251;2R:-:53549286-53549251	exon=> In CDS Exon 5 of transcript AGAP004273-PD;exon=> In CDS Exon 4 of transcript AGAP004273-PB;exon=> In CDS Exon 4 of transcript AGAP004273-PC;exon=> In CDS Exon 4 of transcript AGAP004273-PA
JHU_Ag_18785	DVDELLEDEADLK	AGAP004273-PD,AGAP004273-PC	-	113	7.49E-11	1	1503.709	1.67	Head	2R:-:53538333-53538295;2R:-:53538333-53538295	exon=> In CDS Exon 10 of transcript AGAP004273-PD;exon=> In CDS Exon 9 of transcript AGAP004273-PC
JHU_Ag_11536	EFISDSFHTNEQDLEEVK	AGAP004273-PD,AGAP004273-PC,AGAP004273-PA	-	32	0.006666607	1	2166.994	5.42	Head	2R:-:53547794-53547741;2R:-:53547794-53547741;2R:-:53547794-53547741	exon=> In CDS Exon 9 of transcript AGAP004273-PD;exon=> In CDS Exon 8 of transcript AGAP004273-PC;exon=> In CDS Exon 8 of transcript AGAP004273-PA
JHU_Ag_35927	LGIDSLAQQANESIGLEHEK	AGAP004273-PD,AGAP004273-PC,AGAP004273-PA	-	57	3.07E-05	1	2152.090	0.94	Head	2R:-:53547725-53547666;2R:-:53547725-53547666;2R:-:53547725-53547666	exon=> In CDS Exon 9 of transcript AGAP004273-PD;exon=> In CDS Exon 8 of transcript AGAP004273-PC;exon=> In CDS Exon 8 of transcript AGAP004273-PA
JHU_Ag_554	EAEEPDTQPEDTMQIPQDLLKK	AGAP004275-PA	M13(Oxidation)	37	0.003452391	3	2571.215	0.68	Ovary	2R:-:53568752-53568687	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_6113	QLTLDQLAYQR	AGAP004275-PA	-	63	6.99E-06	1	1348.723	0.54	Ovary	2R:-:53568341-53568309	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_14948	DTVQDVDVNMAIR	AGAP004275-PA	M10(Oxidation)	79	1.77E-07	2	1491.712	0.9	Ovary	2R:-:53568503-53568465	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_24872	MMLESFIEAQK	AGAP004275-PA	M1(Oxidation), M2(Oxidation)	63	6.75E-06	2	1326.643	-0.33	Ovary	2R:-:53568464-53568432	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_29095	GLALCLFGGESK	AGAP004275-PA	C5(Carbamidomethyl)	62	1.15E-05	2	1251.640	-0.15	Ovary	2R:-:53569343-53569308	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_39747	HLAEFVVASHIK	AGAP004275-PA	-	91	3.91E-09	1	1350.759	4.39	Ovary	2R:-:53568803-53568768	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_41890	AIDIFNLKPFLESELFR	AGAP004275-PA	-	107	1.28E-10	1	2052.126	4.76	Ovary	2R:-:53568209-53568159	exon=> In CDS Exon 2 of transcript AGAP004275-PA

JHU_Ag_54359	QVVASLTDEDISTIQR	AGAP004275-PA	-	125	4.18E-12	1	1774.922	2.16	Ovary	2R:-:53569472-53569425	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_57244	ISDLPLVEELR	AGAP004275-PA	-	58	1.01E-05	1	1283.722	1.06	Ovary	2R:-:53569970-53569938	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_67963	YDPSMTFSENVNLSEPILSR	AGAP004275-PA	M5(Oxidation)	91	1.18E-08	1	2315.088	1.01	Ovary	2R:-:53568914-53568855	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_89533	ISDLPLVEELRTFR	AGAP004275-PA	-	37	0.001276883	1	1687.944	3.66	Malpighian tubule	2R:-:53569970-53569929	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_94163	GDINILLCGDPGTAK	AGAP004275-PA	C8(Carbamidomethyl)	41	0.001064967	2	1543.778	-0.36	Ovary	2R:-:53569280-53569236	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_95323	VIVQVVPEAAEP	AGAP004275-PA	-	34	0.003229656	2	1250.699	0.09	Ovary	2R:-:53568125-53568090	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_96184	VTNEIHVR	AGAP004275-PA	-	57	1.64E-05	2	967.534	1.87	Malpighian tubule	2R:-:53569994-53569971	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_97661	QESLSTGSLPITVR	AGAP004275-PA	-	44	0.000442584	2	1487.809	1.55	Ovary	2R:-:53568599-53568558	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_101161	AVFTTGQGASAVGLTAYVR	AGAP004275-PA	-	141	7.24E-14	1	1868.990	2.05	Ovary	2R:-:53569196-53569140	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_103341	DHSELLFFILR	AGAP004275-PA	-	55	3.13E-05	2	1389.755	1.52	Ovary	2R:-:53568374-53568342	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_105916	ITLQESPGRIPAGR	AGAP004275-PA	-	48	5.82E-05	1	1494.842	2.39	Malpighian tubule	2R:-:53569697-53569656	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_109916	AVFTTGQGASAVGLTAYVR	AGAP004275-PA	-	74	3.15E-07	2	1868.997	5.64	Malpighian tubule	2R:-:53569196-53569140	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_114390	AGIVTSLQAR	AGAP004275-PA	-	40	0.001347857	2	1015.593	3.13	Malpighian tubule	2R:-:53568983-53568954	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_116591	TLGVVTATTGVLPQLSVIK	AGAP004275-PA	-	87	1.14E-09	1	1897.137	0.04	Ovary	2R:-:53569901-53569845	exon=> In CDS Exon 2 of transcript AGAP004275-PA
JHU_Ag_63316	FNSFLR	AGAP004275-PA,AGAP012691-PA	-	43	0.000475344	2	783.414	-0.84	Ovary	2R:-:53570228-53570211;UNKN:+:23694583-23694600	exon=> In CDS Exon 2 of transcript AGAP004275-PA;exon=> In CDS Exon 2 of transcript AGAP012691-PA
JHU_Ag_65742	DIYLPR	AGAP004281-PA,AGAP003995-PA	-	36	0.002944038	1	776.430	-0.66	Midgut	2R:-:53809810-53809793;2R:-:47648931-47648914	exon=> In CDS Exon 1 of transcript AGAP004281-PA;exon=> In CDS Exon 2 of transcript AGAP003995-PA
JHU_Ag_38928	AIAAQDVLQEDEAADGALR	AGAP004283-PA	-	104	6.46E-10	2	1955.972	2.8	Midgut	2R:-:53871883-53871991,53867369-53867387	exon=> In CDS Exon 5 and 4 of transcript AGAP004283-PA
JHU_Ag_50616	ELITTILSR	AGAP004283-PA,AGAP004283-PB	-	37	0.000753042	2	1045.629	3.44	Malpighian tubule	2R:-:53872349-53872323;2R:-:53872349-53872323	exon=> In CDS Exon 2 of transcript AGAP004283-PA;exon=> In CDS Exon 2 of transcript AGAP004283-PB
JHU_Ag_52003	ELITTILSR	AGAP004283-PA,AGAP004283-PB	-	50	3.67E-05	2	1045.623	-2.16	Male reproductive organs	2R:-:53872349-53872323;2R:-:53872349-53872323	exon=> In CDS Exon 2 of transcript AGAP004283-PA;exon=> In CDS Exon 2 of transcript AGAP004283-PB
JHU_Ag_39980	YVLLVK	AGAP004284-PA	-	41	1.99E-05	1	734.481	-0.38	Midgut	2R:+:53884300-53884317	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_64625	YVLLVK	AGAP004284-PA	-	27	0.000532035	2	734.479	-2.47	Salivary gland	2R:+:53884300-53884317	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_67794	YVLLVK	AGAP004284-PA	-	19	0.002850624	2	734.481	0.1	Pupa	2R:+:53884300-53884317	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_88826	YVLLVK	AGAP004284-PA	-	27	0.000478564	1	734.483	2.1	Malpighian tubule	2R:+:53884300-53884317	exon=> In CDS Exon 1 of transcript AGAP004284-PA

JHU_Ag_89356	SAASSGDGDGDEVSLASNPR	AGAP004284-PA	-	109	1.12E-10	1	1891.827	0.36	Midgut	2R:+:53883976-53884035	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_92721	YVLLVK	AGAP004284-PA	-	43	1.17E-05	1	734.485	4.84	Ovary	2R:+:53884300-53884317	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_93086	ANDPTEIYLIDHAWTFR	AGAP004284-PA	-	46	0.000404122	1	2062.008	2.35	Midgut	2R:+:53883157-53883207	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_98855	TELVPFVAYYQNR	AGAP004284-PA	-	33	0.00678683	1	1599.818	0.59	Ovary	2R:+:53884063-53884101	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_100912	VGPPCGIGASAQSR	AGAP004284-PA	C5(Carbamidomethyl)	62	8.10E-06	1	1356.673	2.65	Malpighian tubule	2R:+:53884573-53884614	exon=> In CDS Exon 1 of transcript AGAP004284-PA
JHU_Ag_36951	DSATNGGGGGGGTAEAVAADGEGSESAAK	AGAP004286-PA	-	74	2.63E-07	2	2451.052	0.68	Head	2R:-:53993753-53993667	exon=> In CDS Exon 1 of transcript AGAP004286-PA
JHU_Ag_101313	LNLEEESNGAAEESAGEK	AGAP004286-PA	-	59	1.38E-05	2	1876.846	2.85	Ovary	2R:-:53993810-53993757	exon=> In CDS Exon 1 of transcript AGAP004286-PA
JHU_Ag_54321	KLPNLEQALNALSNLK	AGAP004286-PA,AGAP012980-PA	-	93	6.58E-10	1	1766.026	4.83	Ovary	2R:-:53994026-53993979;2R:-:54003702-54003655	exon=> In CDS Exon 1 of transcript AGAP004286-PA;exon=> In CDS Exon 1 of transcript AGAP012980-PA
JHU_Ag_114282	KLPNLEQALNALSNLK	AGAP004286-PA,AGAP012980-PA	-	42	6.87E-05	1	1766.024	4	Head	2R:-:53994026-53993979;2R:-:54003702-54003655	exon=> In CDS Exon 1 of transcript AGAP004286-PA;exon=> In CDS Exon 1 of transcript AGAP012980-PA
JHU_Ag_34117	LLFFAKSR	AGAP004289-PA	-	30	0.004238862	1	981.579	-9.58	Malpighian tubule	2R:+:54125079-54125102	exon=> In CDS Exon 1 of transcript AGAP004289-PA
JHU_Ag_98798	LLFFAKSR	AGAP004289-PA	-	25	0.013597309	1	981.577	-11.69	Midgut	2R:+:54125079-54125102	exon=> In CDS Exon 1 of transcript AGAP004289-PA
JHU_Ag_98910	NEYQNLR	AGAP004293-PA	-	30	0.012496941	1	936.456	3.29	Midgut	2R:+:54138201-54138221	exon=> In CDS Exon 2 of transcript AGAP004293-PA
JHU_Ag_1106	MQHELLDNPDLMR	AGAP004294-PA	M1(Oxidation), M12(Oxidation)	38	0.00142635	1	1643.751	-0.34	Ovary	2R:+:54155068-54155106	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_8569	QILTSNPQMQELMQR	AGAP004294-PA	M9(Oxidation), M13(Oxidation)	52	0.000130068	1	1848.896	0.99	Salivary gland	2R:+:54155164-54155208	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_17384	NPEISHMLNNPELLR	AGAP004294-PA	M7(Oxidation)	91	1.27E-08	1	1792.900	-0.39	Ovary	2R:+:54155209-54155253	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_33324	QILTSNPQMQELMQR	AGAP004294-PA	M9(Oxidation), M13(Oxidation)	83	1.00E-07	2	1848.900	3.3	Malpighian tubule	2R:+:54155164-54155208	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_34911	EANLQALIASFGDINAAIER	AGAP004294-PA	-	129	1.22E-12	1	2116.103	-0.29	Ovary	2R:+:54156202-54156261	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_38608	EANLQALIASFGDINAAIER	AGAP004294-PA	-	122	6.21E-12	1	2116.103	-0.29	Malpighian tubule	2R:+:54156202-54156261	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_47133	LLALGQLSLS	AGAP004294-PA	-	38	0.000472496	2	1014.623	3.98	Head	2R:+:54156262-54156291	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_48457	LLALGQLSLS	AGAP004294-PA	-	70	5.87E-07	2	1014.619	-0.23	Ovary	2R:+:54156262-54156291	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_55087	NPSMLQELMR	AGAP004294-PA	M4(Oxidation), M9(Oxidation)	68	2.65E-06	1	1250.587	0.49	Ovary	2R:+:54155275-54155304	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_62656	RAPADVSQTPFGLNQLGGLAGLSALGGNQTNFMDLQSR	AGAP004294-PA	M33(Oxidation)	106	2.66E-10	1	3917.953	-0.94	Ovary	2R:+:54154954-54155067	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_71016	SIEIEDDAEIKDLK	AGAP004294-PA	-	85	6.03E-08	1	1617.821	-0.25	Ovary	2R:+:54154151-54154186,54154780-54154785	exon=> In CDS Exon 1 and 2 of transcript AGAP004294-PA
JHU_Ag_73701	NPEISHMLNNPELLR	AGAP004294-PA	M7(Oxidation)	44	0.00065468	1	1792.906	2.77	Malpighian tubule	2R:+:54155209-54155253	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_76154	AQLEQLTAMGFVNR	AGAP004294-PA	M9(Oxidation)	118	2.40E-11	1	1593.806	0.33	Ovary	2R:+:54156160-54156201	exon=> In CDS Exon 2 of transcript AGAP004294-PA

JHU_Ag_77210	SPLPNPWSSASSGTGSGNR	AGAP004294-PA	-	108	2.41E-10	1	1858.870	0.88	Head	2R:+:54155491-54155547	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_78310	NPEISHMLNNPELLR	AGAP004294-PA	M7(Oxidation)	43	0.000933822	1	1792.901	-0.19	Salivary gland	2R:+:54155209-54155253	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_79000	SPLPNPWSSASSGTGSGNR	AGAP004294-PA	-	113	7.95E-11	1	1858.870	1.08	Malpighian tubule	2R:+:54155491-54155547	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_79898	NPEISHMLNNPELLR	AGAP004294-PA	M7(Oxidation)	81	1.44E-07	1	1792.903	1.18	Head	2R:+:54155209-54155253	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_80919	SIEIEDDAEIK	AGAP004294-PA	-	64	7.90E-06	1	1261.617	0.98	Ovary	2R:+:54154151-54154183	exon=> In CDS Exon 1 of transcript AGAP004294-PA
JHU_Ag_82613	SPLPNPWSSASSGTGSGNR	AGAP004294-PA	-	74	5.87E-07	1	1858.874	3.31	Male reproductive organs	2R:+:54155491-54155547	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_83176	AISNLESVPGGYSALQR	AGAP004294-PA	-	61	1.17E-05	2	1761.919	3.57	Salivary gland	2R:+:54155317-54155367	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_84149	AIVAEKFETNQELVCLIFAGK	AGAP004294-PA	C15(Carbamidomethyl)	64	2.75E-06	1	2380.267	3.72	Malpighian tubule	2R:+:54154786-54154848	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_87831	FETNQELVCLIFAGK	AGAP004294-PA	N4(Deamidated), C9(Carbamidomethyl),C9(Carbamidomethyl),"Q5(Deamidated), C9(Carbamidomethyl)"	71	1.11E-06	2	1768.901	4.17	Head	2R:+:54154804-54154848	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_94609	AISNLESVPGGYSALQR	AGAP004294-PA	-	71	1.19E-06	1	1761.917	2.12	Visceras	2R:+:54155317-54155367	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_98846	SPLPNPWSSASSGTGSGNR	AGAP004294-PA	-	114	5.80E-11	2	1858.872	2.07	Visceras	2R:+:54155491-54155547	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_99258	SIEIEDDAEIKDLK	AGAP004294-PA	-	86	4.25E-08	1	1617.826	2.77	Malpighian tubule	2R:+:54154151-54154186,54154780-54154785	exon=> In CDS Exon 1 and 2 of transcript AGAP004294-PA
JHU_Ag_99330	AISNLESVPGGYSALQR	AGAP004294-PA	-	69	1.48E-06	2	1761.921	4.41	Head	2R:+:54155317-54155367	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_100001	DIQEPMMNATFR	AGAP004294-PA	M6(Oxidation), M7(Oxidation)	55	2.43E-05	1	1484.653	1.24	Ovary	2R:+:54155377-54155412	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_100225	DIQEPMMNATFR	AGAP004294-PA	M6(Oxidation), M7(Oxidation)	49	9.08E-05	1	1484.652	0.5	Head	2R:+:54155377-54155412	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_101736	TVLDNPLVQQMMNNPDTMR	AGAP004294-PA	M11(Oxidation), M12(Oxidation), M18(Oxidation)	87	2.29E-08	1	2265.029	-0.74	Ovary	2R:+:54155107-54155163	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_103243	FETNQELVCLIFAGK	AGAP004294-PA	C9(Carbamidomethyl)	89	1.68E-08	2	1768.903	5	Ovary	2R:+:54154804-54154848	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_111841	AISNLESVPGGYSALQR	AGAP004294-PA	-	92	8.08E-09	1	1761.918	2.74	Malpighian tubule	2R:+:54155317-54155367	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_111863	QILTSNPQMQELMQR	AGAP004294-PA	M9(Oxidation), M13(Oxidation)	79	2.32E-07	1	1848.894	-0.33	Ovary	2R:+:54155164-54155208	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_115204	AISNLESVPGGYSALQR	AGAP004294-PA	-	114	5.95E-11	1	1761.915	0.87	Ovary	2R:+:54155317-54155367	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_117575	AQLEQLTAMGFVNR	AGAP004294-PA	Q2(Deamidated)	95	4.46E-09	2	1577.815	2.68	Head	2R:+:54156160-54156201	exon=> In CDS Exon 2 of transcript AGAP004294-PA
JHU_Ag_60382	KKPLNWQKPRPDSQTAQSAGDETK	AGAP004296-PA	-	79	1.29E-07	1	2710.392	0.42	Head	2R:-:54159284-54159213	exon=> In CDS Exon 3 of transcript AGAP004296-PA
JHU_Ag_61814	KKPLNWQKPRPDSQTAQSAGDETK	AGAP004296-PA	-	45	0.000350321	1	2710.405	5.2	Malpighian tubule	2R:-:54159284-54159213	exon=> In CDS Exon 3 of transcript AGAP004296-PA
JHU_Ag_78295	KPLNWQKPRPDSQTAQSAGDETK	AGAP004296-PA	-	40	0.001247609	1	2582.308	4.79	Malpighian tubule	2R:-:54159281-54159213	exon=> In CDS Exon 3 of transcript AGAP004296-PA
JHU_Ag_102211	KKPLNWQKPRPDSQTAQSAGDETK	AGAP004296-PA	-	89	1.39E-08	1	2710.400	3.4	Pupa	2R:-:54159284-54159213	exon=> In CDS Exon 3 of transcript AGAP004296-PA

JHU_Ag_114506	MLNIQTHMDFEGQGR	AGAP004296-PA	M1(Oxidation), M8(Oxidation)	31	0.005787 42	3	1808.798	-4.15	Midgut	2R:-:54159626-54159626,54159394-54159520	exon=> In CDS Exon 2 and 1 of transcript AGAP004296-PA
JHU_Ag_29311	SKPNVLVLGGCGFIGR	AGAP004297-PA	N-Term(Acetyl), C11(Carbamidomethyl)	83	5.70E-08	2	1715.931	2.61	Salivary gland	2R:+:54160338-54160365,54160737-54160756	exon=> In CDS Exon 1 and 2 of transcript AGAP004297-PA
JHU_Ag_35088	TPPLMAWLNSR	AGAP004297-PA	M5(Oxidation)	90	1.39E-08	1	1285.672	0.05	Head	2R:+:54160817-54160849	exon=> In CDS Exon 2 of transcript AGAP004297-PA
JHU_Ag_44745	SKPNVLVLGGCGFIGR	AGAP004297-PA	N-Term(Acetyl), C11(Carbamidomethyl)	80	1.05E-07	1	1715.934	4.6	Malpighian tubule	2R:+:54160338-54160365,54160737-54160756	exon=> In CDS Exon 1 and 2 of transcript AGAP004297-PA
JHU_Ag_45043	HLVDHLVANDLAGR	AGAP004297-PA	-	79	1.20E-07	1	1529.819	0.51	Malpighian tubule	2R:+:54160757-54160798	exon=> In CDS Exon 2 of transcript AGAP004297-PA
JHU_Ag_52720	SKPNVLVLGGCGFIGR	AGAP004297-PA	N-Term(Acetyl), C11(Carbamidomethyl)	86	2.68E-08	1	1715.930	2.47	Head	2R:+:54160338-54160365,54160737-54160756	exon=> In CDS Exon 1 and 2 of transcript AGAP004297-PA
JHU_Ag_71187	SKPNVLVLGGCGFIGR	AGAP004297-PA	N-Term(Acetyl), C11(Carbamidomethyl)	73	4.41E-07	1	1715.934	4.25	Ovary	2R:+:54160338-54160365,54160737-54160756	exon=> In CDS Exon 1 and 2 of transcript AGAP004297-PA
JHU_Ag_90244	VVDKTPPLMAWLNSR	AGAP004297-PA	-	67	1.87E-06	1	1726.933	1.39	Malpighian tubule	2R:+:54160805-54160849	exon=> In CDS Exon 2 of transcript AGAP004297-PA
JHU_Ag_111143	HLVDHLVANDLAGR	AGAP004297-PA	N9(Deamidated)	105	4.08E-10	1	1529.817	-1.01	Head	2R:+:54160757-54160798	exon=> In CDS Exon 2 of transcript AGAP004297-PA
JHU_Ag_112518	TPPLMAWLNSR	AGAP004297-PA	-	90	1.25E-08	1	1285.674	1.19	Malpighian tubule	2R:+:54160817-54160849	exon=> In CDS Exon 2 of transcript AGAP004297-PA
JHU_Ag_4589	AKVEQELIAIK	AGAP004297-PA,AGAP004297-PB	-	68	3.79E-07	1	1241.746	-0.23	Midgut	2R:+:54161219-54161251;2R:+:54161219-54161251	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_10770	HLGPWAELCQR	AGAP004297-PA,AGAP004297-PB	C9(Carbamidomethyl)	54	5.82E-05	1	1366.667	-1.35	Head	2R:+:54161727-54161759;2R:+:54161727-54161759	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_13039	AKVEQELIAIK	AGAP004297-PA,AGAP004297-PB	-	50	2.30E-05	1	1241.748	1.04	Salivary gland	2R:+:54161219-54161251;2R:+:54161219-54161251	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_20539	VEFASANLINPTSCQNAFR	AGAP004297-PA,AGAP004297-PB	C14(Carbamidomethyl)	124	6.92E-12	1	2139.029	-0.11	Head	2R:+:54160877-54160933;2R:+:54160877-54160933	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_21071	LPICYGVGDR	AGAP004297-PA,AGAP004297-PB	C4(Carbamidomethyl)	52	0.000106 479	1	1149.582	8.21	Salivary gland	2R:+:54161276-54161305;2R:+:54161276-54161305	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_24224	ELLEEIVQDFIDMGHFPR	AGAP004297-PA,AGAP004297-PB	M13(Oxidation)	73	7.90E-07	1	2204.072	1.28	Malpighian tubule	2R:+:54161889-54161942;2R:+:54161889-54161942	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_26979	IIIAGIYK	AGAP004297-PA,AGAP004297-PB	-	42	6.49E-05	1	890.572	0.58	Malpighian tubule	2R:+:54161427-54161450;2R:+:54161427-54161450	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_28146	LPICYGVGDR	AGAP004297-PA,AGAP004297-PB	C4(Carbamidomethyl)	52	0.000116 881	1	1149.571	-0.82	Head	2R:+:54161276-54161305;2R:+:54161276-54161305	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_28396	LDMAGAIEEINDRHLGPWAELCQR	AGAP004297-PA,AGAP004297-PB	C22(Carbamidomethyl)	44	0.000550 11	1	2794.353	4.77	Malpighian tubule	2R:+:54161688-54161759;2R:+:54161688-54161759	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_39229	HTQAFADAR	AGAP004297-PA,AGAP004297-PB	-	40	0.000745 917	1	1016.485	-5.61	Head	2R:+:54160850-54160876;2R:+:54160850-54160876	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB

JHU_Ag_43047	LSLNCATEAVK	AGAP004297-PA,AGAP004297-PB	C5(Carbamidomethyl)	59	2.04E-05	2	1205.620	0.65	Malpighian tubule	2R:+:54161072-54161104;2R:+:54161072-54161104	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_46926	LPICYGVGDRK	AGAP004297-PA,AGAP004297-PB	C4(Carbamidomethyl)	41	0.001397646	2	1277.664	-2.74	Head	2R:+:54161276-54161308;2R:+:54161276-54161308	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_47663	HLHLSNEK	AGAP004297-PA,AGAP004297-PB	-	37	0.003103073	1	977.517	0.4	Malpighian tubule	2R:+:54161820-54161843;2R:+:54161820-54161843	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_51654	LDMAGAIEEINDR	AGAP004297-PA,AGAP004297-PB	M3(Oxidation)	115	4.23E-11	1	1446.693	2.59	Head	2R:+:54161688-54161726;2R:+:54161688-54161726	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_55432	HTQAFADAR	AGAP004297-PA,AGAP004297-PB	-	36	0.00223328	2	1016.493	2.07	Malpighian tubule	2R:+:54160850-54160876;2R:+:54160850-54160876	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_58744	VEQELIAIKDLPYTILR	AGAP004297-PA,AGAP004297-PB	-	93	9.15E-10	1	2014.159	0.14	Head	2R:+:54161225-54161275;2R:+:54161225-54161275	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_58816	LDMAGAIEEINDR	AGAP004297-PA,AGAP004297-PB	M3(Oxidation)	111	1.04E-10	1	1462.682	-1.47	Malpighian tubule	2R:+:54161688-54161726;2R:+:54161688-54161726	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_74245	IIIAGIYK	AGAP004297-PA,AGAP004297-PB	-	39	0.000128881	1	890.571	0.05	Head	2R:+:54161427-54161450;2R:+:54161427-54161450	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_78296	HLHLSNEKLK	AGAP004297-PA,AGAP004297-PB	-	43	0.00042949	2	1218.688	-5.82	Malpighian tubule	2R:+:54161820-54161849;2R:+:54161820-54161849	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_88137	ELLEEIVQDFIDMGHFPR	AGAP004297-PA,AGAP004297-PB	M13(Oxidation)	83	7.30E-08	1	2204.072	1.28	Ovary	2R:+:54161889-54161942;2R:+:54161889-54161942	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_98591	DGVQNTPLTPYMDQELLFQK	AGAP004297-PA,AGAP004297-PB	Q4(Deamidated),M12(Oxidation),"N5(Deamidated),M12(Oxidation)",M12(Oxidation)	69	1.72E-06	1	2353.140	0.94	Head	2R:+:54161760-54161819;2R:+:54161760-54161819	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_101898	AKVEQELIAIK	AGAP004297-PA,AGAP004297-PB	-	46	5.80E-05	1	1241.749	2.13	Head	2R:+:54161219-54161251;2R:+:54161219-54161251	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_103742	HLGPWAELCQR	AGAP004297-PA,AGAP004297-PB	C9(Carbamidomethyl)	54	5.52E-05	2	1366.670	1.41	Malpighian tubule	2R:+:54161727-54161759;2R:+:54161727-54161759	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_105529	DLPYTILR	AGAP004297-PA,AGAP004297-PB	-	33	0.003829625	2	990.564	1.83	Malpighian tubule	2R:+:54161252-54161275;2R:+:54161252-54161275	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_105592	HLHLSNEK	AGAP004297-PA,AGAP004297-PB	-	41	0.001089159	1	977.518	2.14	Head	2R:+:54161820-54161843;2R:+:54161820-54161843	exon=> In CDS Exon 3 of transcript AGAP004297-PA;exon=> In CDS Exon 2 of transcript AGAP004297-PB
JHU_Ag_111921	LPICYGVGDR	AGAP004297-PA,AGAP004297-PB	C4(Carbamidomethyl)	36	0.004709452	1	1149.574	1.62	Malpighian tubule	2R:+:54161276-54161305;2R:+:54161276-54161305	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_113762	AKVEQELIAIK	AGAP004297-PA,AGAP004297-PB	-	64	1.11E-06	2	1241.749	1.73	Malpighian tubule	2R:+:54161219-54161251;2R:+:54161219-54161251	exon=> In CDS Exon 2 of transcript AGAP004297-PA;exon=> In CDS Exon 1 of transcript AGAP004297-PB
JHU_Ag_11217	ISFDEFCSVVGNTDIHKK	AGAP004298-PC	C7(Carbamidomethyl)	37	0.003043787	1	2096.021	4.34	Head	2R:-:54165192-54165139	exon=> In CDS Exon 4 of transcript AGAP004298-PC

JHU_Ag_19986	IYDMDNDGYISNGELFQVLK	AGAP004298-PC	M4(Oxidation), N12(Deamidated),M4(Oxidation)	115	4.54E-11	1	2350.093	0.94	Head	2R:-:54165653-54165901,54165121-54165283	exon=> In CDS Exon 4 and 3 of transcript AGAP004298-PC
JHU_Ag_35230	DTQLQQIVDK	AGAP004298-PC	-	65	5.58E-06	2	1187.626	-0.87	Head	2R:-:54165258-54165229	exon=> In CDS Exon 4 of transcript AGAP004298-PC
JHU_Ag_40069	VIDIFDADGNGEVDFK	AGAP004298-PC	N10(Deamidated)	89	1.65E-08	2	1754.809	-1.52	Midgut	2R:-:54165773-54165726	exon=> In CDS Exon 3 of transcript AGAP004298-PC
JHU_Ag_63993	ISFDEFCSVVGNTDIHK	AGAP004298-PC	C7(Carbamidomethyl)	45	0.000485107	1	1967.919	1.03	Midgut	2R:-:54165192-54165142	exon=> In CDS Exon 4 of transcript AGAP004298-PC
JHU_Ag_65135	ISFDEFCSVVGNTDIHK	AGAP004298-PC	C7(Carbamidomethyl)	70	1.58E-06	1	1967.923	2.89	Head	2R:-:54165192-54165142	exon=> In CDS Exon 4 of transcript AGAP004298-PC
JHU_Ag_86869	DTQLQQIVDK	AGAP004298-PC	-	63	7.40E-06	1	1187.628	1.49	Ovary	2R:-:54165258-54165229	exon=> In CDS Exon 4 of transcript AGAP004298-PC
JHU_Ag_103625	VIDIFDADGNGEVDFK	AGAP004298-PC	-	122	9.87E-12	2	1753.832	2.38	Head	2R:-:54165773-54165726	exon=> In CDS Exon 3 of transcript AGAP004298-PC
JHU_Ag_106994	EFIQGVSQFSVK	AGAP004298-PC	-	37	0.002218597	2	1368.717	0.99	Ovary	2R:-:54165725-54165690	exon=> In CDS Exon 3 of transcript AGAP004298-PC
JHU_Ag_34708	ENNTSSDIDMSK	AGAP004299-PA	N-Term(Acetyl), N2(Deamidated), M10(Oxidation)	35	0.000873215	1	1399.574	14.75	Salivary gland	2R:-:54194212-54194177	exon=> In CDS Exon 1 of transcript AGAP004299-PA
JHU_Ag_106814	ENNTSSDIDMSK	AGAP004299-PA	N-Term(Acetyl), N3(Deamidated), M10(Oxidation)	35	0.000873215	1	1399.574	14.75	Salivary gland	2R:-:54194212-54194177	exon=> In CDS Exon 1 of transcript AGAP004299-PA
JHU_Ag_43313	GYEVTVENFVR	AGAP004301-PA	-	60	1.20E-05	2	1312.655	1.68	Midgut	2R:-:54205219-54205187	exon=> In CDS Exon 2 of transcript AGAP004301-PA
JHU_Ag_103913	GRDLVLYR	AGAP004302-PA	-	44	0.000343149	1	991.568	-0.4	Salivary gland	2R:+:54241343-54241366	exon=> In CDS Exon 2 of transcript AGAP004302-PA
JHU_Ag_3497	VHYTFPGQQQGEYFGYALLAEDFNGDGFADLAIAAPMHSR	AGAP004303-PA	M37(Oxidation)	42	0.000495968	1	4420.040	-0.09	Midgut	2R:-:54253818-54253699	exon=> In CDS Exon 3 of transcript AGAP004303-PA
JHU_Ag_8961	YTLILDMTK	AGAP004303-PA	M7(Oxidation)	46	0.000197313	2	1097.594	2.97	Midgut	2R:-:54252529-54252503	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_9993	GSDIDANGYNDLAVGSPNDEK	AGAP004303-PA	N7(Deamidated)	122	4.37E-12	1	2151.929	-0.99	Midgut	2R:-:54253318-54253256	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_15540	IDVDVTSSK	AGAP004303-PA	-	58	2.72E-05	1	963.498	-1.05	Midgut	2R:-:54253222-54253196	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_16908	LGFTLDVPLVYHKPSAGR	AGAP004303-PA	-	128	6.01E-13	1	1970.087	0.54	Midgut	2R:-:54252188-54252135	exon=> In CDS Exon 5 of transcript AGAP004303-PA
JHU_Ag_23897	LTAPANELLSPQPMFGFALSR	AGAP004303-PA	M14(Oxidation)	35	0.003180285	1	2276.181	2.68	Malpighian tubule	2R:-:54253381-54253319	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_25323	YTLILDMTKLEGSSAEIR	AGAP004303-PA	M7(Oxidation)	85	4.16E-08	1	2056.061	-0.85	Midgut	2R:-:54252529-54252476	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_27767	VTLPGVGGNK	AGAP004303-PA	-	40	0.000542454	1	941.540	-1.43	Midgut	2R:-:54253069-54253040	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_28024	GSDIDANGYNDLAVGSPNDEKVYVYR	AGAP004303-PA	N7(Deamidated)	98	2.18E-09	1	2831.322	3.46	Malpighian tubule	2R:-:54253318-54253241	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_28548	RLGFTLDVPLVYHKPSAGR	AGAP004303-PA	-	72	2.36E-07	1	2126.188	0.5	Midgut	2R:-:54252191-54252135	exon=> In CDS Exon 5 of transcript AGAP004303-PA
JHU_Ag_29087	TGCQGEVCVSDLR	AGAP004303-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	71	8.21E-07	2	1480.658	4.25	Malpighian tubule	2R:-:54252820-54252782	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_29207	QLPADTDAGFCAECALLDPTVPNRLIQK	AGAP004303-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	47	0.000210973	1	3113.551	3.78	Malpighian tubule	2R:-:54252916-54252833	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_34398	AQSDLATQR	AGAP004303-PA	-	42	0.00130894	1	989.501	-0.31	Midgut	2R:-:54254682-54254656	exon=> In CDS Exon 2 of transcript AGAP004303-PA
JHU_Ag_36847	LEGSSAEIR	AGAP004303-PA	-	77	4.10E-07	2	961.494	-0.79	Midgut	2R:-:54252502-54252476	exon=> In CDS Exon 4 of transcript AGAP004303-PA

JHU_Ag_37121	LTAPANELLSPQPMFGFALSR	AGAP004303-PA	M14(Oxidation)	79	1.45E-07	1	2276.174	-0.22	Midgut	2R:-:54253381-54253319	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_39563	LGFTLDVPLVYHKPSAGR	AGAP004303-PA	-	108	5.19E-11	1	1970.095	4.5	Malpighian tubule	2R:-:54252188-54252135	exon=> In CDS Exon 5 of transcript AGAP004303-PA
JHU_Ag_42338	TLFFNCAEEDSLIECAR	AGAP004303-PA	C6(Carbamidomethyl), C15(Carbamidomethyl)	133	4.55E-13	1	2074.919	-0.83	Midgut	2R:-:54251729-54251679	exon=> In CDS Exon 5 of transcript AGAP004303-PA
JHU_Ag_43079	GSDIDANGYNDLAVGSPNDEKVYVYR	AGAP004303-PA	N7(Deamidated)	149	1.69E-14	1	2832.297	0.29	Midgut	2R:-:54253318-54253241	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_55135	QLPADTDAGFCAECALLDPTVPNR	AGAP004303-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	75	3.73E-07	2	2631.219	0.25	Midgut	2R:-:54252916-54252845	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_70531	TISELVDYYLLHGICYVTDGTEQEQEPK	AGAP004303-PA	C15(Carbamidomethyl)	138	2.34E-13	1	3300.561	-0.12	Midgut	2R:-:54254451-54254368	exon=> In CDS Exon 2 of transcript AGAP004303-PA
JHU_Ag_74331	EDIFALTMLADVHK	AGAP004303-PA	M8(Oxidation)	79	1.95E-07	1	1618.816	1.14	Midgut	2R:-:54251573-54251532	exon=> In CDS Exon 5 of transcript AGAP004303-PA
JHU_Ag_76080	AEQSDFAYNSEK	AGAP004303-PA	-	64	1.50E-06	2	1388.595	-0.81	Midgut	2R:-:54254565-54254530	exon=> In CDS Exon 2 of transcript AGAP004303-PA
JHU_Ag_86574	ATAASIYKPVLVELSYELVR	AGAP004303-PA	-	105	8.61E-11	1	2222.242	-0.32	Midgut	2R:-:54252976-54252917	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_89719	TGCQGEVCVSDLR	AGAP004303-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	100	8.84E-10	1	1480.651	-0.53	Midgut	2R:-:54252820-54252782	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_90469	WLDISPVYVLGSSKK	AGAP004303-PA	-	42	0.000316441	1	1691.939	1.44	Midgut	2R:-:54252769-54252725	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_93178	KIIPLR	AGAP004303-PA	-	29	0.000765863	2	739.519	-0.25	Midgut	2R:-:54254358-54254341	exon=> In CDS Exon 2 of transcript AGAP004303-PA
JHU_Ag_96668	SSYFGYSLNLRPGGVIVGAPR	AGAP004303-PA	-	70	6.81E-07	1	2210.183	5.24	Malpighian tubule	2R:-:54255915-54256074,54254334-54254683	exon=> In CDS Exon 2 and 1 of transcript AGAP004303-PA
JHU_Ag_100020	LKATAASIYKPVLVELSYELVR	AGAP004303-PA	-	182	7.67E-19	1	2463.423	0.29	Midgut	2R:-:54252982-54252917	exon=> In CDS Exon 4 of transcript AGAP004303-PA
JHU_Ag_102282	SSYFGYSLNLRPGGVIVGAPR	AGAP004303-PA	-	100	9.03E-10	1	2210.168	-1.72	Midgut	2R:-:54255915-54256074,54254334-54254683	exon=> In CDS Exon 2 and 1 of transcript AGAP004303-PA
JHU_Ag_102712	AEQSDFAYNSEKK	AGAP004303-PA	-	79	1.02E-07	1	1516.690	-0.82	Midgut	2R:-:54254565-54254527	exon=> In CDS Exon 2 of transcript AGAP004303-PA
JHU_Ag_103959	CHFTDGECAPYYFDK	AGAP004303-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	99	2.17E-10	1	1909.758	3.04	Midgut	2R:-:54254625-54254581	exon=> In CDS Exon 2 of transcript AGAP004303-PA
JHU_Ag_104816	SFQIINLNNIAVAGYYSYK	AGAP004303-PA	N9(Deamidated),N8(Deamidated)	94	4.72E-09	2	2179.109	0.75	Midgut	2R:-:54252134-54252078	exon=> In CDS Exon 5 of transcript AGAP004303-PA
JHU_Ag_105485	LSGSQEVAGR	AGAP004303-PA	-	73	1.20E-06	2	1003.516	-0.47	Midgut	2R:-:54253623-54253594	exon=> In CDS Exon 3 of transcript AGAP004303-PA
JHU_Ag_114974	SSYFGYSLNLRPGGVIVGAPR	AGAP004303-PA	-	79	1.05E-07	1	2210.174	1.09	Salivary gland	2R:-:54255915-54256074,54254334-54254683	exon=> In CDS Exon 2 and 1 of transcript AGAP004303-PA
JHU_Ag_103455	HENVVEK	AGAP004307-PB	-	30	0.009317971	1	854.447	12.36	Head	2R:-:54320427-54320646,54320170-54320338	exon=> In CDS Exon 3 and 2 of transcript AGAP004307-PB
JHU_Ag_8457	LPETIADGENFGK	AGAP004309-PA	-	77	4.00E-07	2	1390.688	1.86	Head	2R:+:54356916-54356954	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_18483	WLLSNGRPTEAITLIEK	AGAP004309-PA	-	31	0.003593265	1	1941.078	-1.2	Midgut	2R:+:54356202-54356252	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_50861	NVALGASSTSAR	AGAP004309-PA	-	72	1.15E-06	2	1133.589	-1.61	Midgut	2R:+:54356745-54356780	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_61315	GYDDILQHLGGFGR	AGAP004309-PA	-	77	3.28E-07	1	1547.774	8.67	Head	2R:+:54355383-54355424	exon=> In CDS Exon 1 of transcript AGAP004309-PA

JHU_Ag_76847	GYDDILQHLGGFGR	AGAP004309-PA	-	51	0.000124947	1	1547.760	0.07	Midgut	2R:+:54355383-54355424	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_83291	LAGVFLLAAPDYR	AGAP004309-PA	-	46	0.000158281	2	1405.791	5.37	Head	2R:+:54355485-54355523	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_85974	TAEELQVLSKPEPATDGEEMASDTLK	AGAP004309-PA	M20(Oxidation)	34	0.005481102	3	2805.345	3.75	Head	2R:+:54357039-54357116	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_86966	LAGVFLLAAPDYR	AGAP004309-PA	-	68	1.42E-06	2	1405.784	0.33	Midgut	2R:+:54355485-54355523	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_90995	ITLAYPIDTLTGK	AGAP004309-PA	-	41	0.000451859	1	1405.798	3.29	Larva	2R:+:54355578-54355616	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_111612	ITLAYPIDTLTGK	AGAP004309-PA	-	42	0.000367441	1	1405.795	1.03	Midgut	2R:+:54355578-54355616	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_115663	AQQQEDTNEPKPSLLDIFK	AGAP004309-PA	-	41	0.001091968	1	2201.113	1.86	Midgut	2R:+:54356319-54356375	exon=> In CDS Exon 1 of transcript AGAP004309-PA
JHU_Ag_50441	NDGSGLVQSSTTTK	AGAP004310-PA	-	53	7.98E-05	2	1394.674	-1.4	Male reproductive organs	2R:+:54362726-54362767	exon=> In CDS Exon 3 of transcript AGAP004310-PA
JHU_Ag_77360	NGNVSGGNSDRK	AGAP004310-PA	N1(Deamidated)	39	0.001152036	1	1205.550	-0.3	Ovary	2R:+:54367288-54367323	exon=> In CDS Exon 4 of transcript AGAP004310-PA
JHU_Ag_7012	LVIANILQTR	AGAP004311-PA	-	51	1.87E-05	2	1140.715	4.31	Salivary gland	2R:+:54375749-54375778	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_7466	SHIVLVTSGGTTVPLEHNTVR	AGAP004311-PA	-	69	6.55E-07	1	2217.207	3.78	Ovary	2R:+:54372078-54372098,54374672-54374713	exon=> In CDS Exon 1 and 2 of transcript AGAP004311-PA
JHU_Ag_13298	VVFVTPSSNYEIVLTK	AGAP004311-PA	-	36	0.001902093	1	1795.977	-4.17	Head	2R:+:54375788-54375835	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_25611	LETDEALLIAK	AGAP004311-PA	-	71	1.11E-06	2	1215.681	-1.91	Ovary	2R:+:54375683-54375715	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_26134	TSHWEDFYAK	AGAP004311-PA	N-Term(Acetyl)	83	4.29E-08	1	1325.580	0.49	Midgut	2R:+:54371973-54372002	exon=> In CDS Exon 1 of transcript AGAP004311-PA
JHU_Ag_33942	DQALSGLEIEEPIVADVVR	AGAP004311-PA	-	164	4.20E-16	1	2053.081	-0.33	Ovary	2R:+:54375836-54375892	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_52216	FVDNFSAGNR	AGAP004311-PA	-	65	3.08E-06	2	1126.527	-0.77	Ovary	2R:+:54374714-54374743	exon=> In CDS Exon 2 of transcript AGAP004311-PA
JHU_Ag_62407	SHIVLVTSGGTTVPLEHNTVR	AGAP004311-PA	-	45	0.000163258	1	2217.199	0.14	Male reproductive organs	2R:+:54372078-54372098,54374672-54374713	exon=> In CDS Exon 1 and 2 of transcript AGAP004311-PA
JHU_Ag_62898	IQSGHGAPTISLQLVPK	AGAP004311-PA	-	49	5.58E-05	1	1745.991	0.05	Ovary	2R:+:54375575-54375625	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_70838	DQALSGLEIEEPIVADVVR	AGAP004311-PA	-	50	9.58E-05	2	2053.085	1.69	Malpighian tubule	2R:+:54375836-54375892	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_73174	FVDNFSAGNR	AGAP004311-PA	-	50	0.000107123	2	1126.525	-2.07	Head	2R:+:54374714-54374743	exon=> In CDS Exon 2 of transcript AGAP004311-PA
JHU_Ag_74440	LVIANILQTR	AGAP004311-PA	-	75	7.86E-08	2	1140.709	-1.14	Ovary	2R:+:54375749-54375778	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_80910	VVFVTPSSNYEIVLTK	AGAP004311-PA	-	65	1.97E-06	1	1795.983	-0.43	Ovary	2R:+:54375788-54375835	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_81714	GSASAEYFLEHGYAVIFMHR	AGAP004311-PA	M18(Oxidation)	72	1.07E-06	1	2301.078	0.87	Ovary	2R:+:54374744-54374803	exon=> In CDS Exon 2 of transcript AGAP004311-PA
JHU_Ag_91958	SHIVLVTSGGTTVPLEHNTVR	AGAP004311-PA	-	101	3.82E-10	1	2217.203	1.96	Head	2R:+:54372078-54372098,54374672-54374713	exon=> In CDS Exon 1 and 2 of transcript AGAP004311-PA
JHU_Ag_97455	FVDNFSAGNR	AGAP004311-PA	-	43	0.000502882	2	1126.529	1.39	Malpighian tubule	2R:+:54374714-54374743	exon=> In CDS Exon 2 of transcript AGAP004311-PA
JHU_Ag_98838	IQSGHGAPTISLQLVPK	AGAP004311-PA	-	38	0.000539366	2	1745.997	3.34	Malpighian tubule	2R:+:54375575-54375625	exon=> In CDS Exon 3 of transcript AGAP004311-PA

JHU_Ag_105661	TSHWEDFYAK	AGAP004311-PA	N-Term(Acetyl)	76	2.34E-07	1	1325.583	2.14	Malpighian tubule	2R:+:54371973-54372002	exon=> In CDS Exon 1 of transcript AGAP004311-PA
JHU_Ag_106503	DQALSGLEIEEPIVADVVR	AGAP004311-PA	-	93	4.35E-09	1	2053.084	1.22	Head	2R:+:54375836-54375892	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_107060	NAVLFLAAAVSDFYVPQDEMPTHK	AGAP004311-PA	M20(Oxidation)	116	4.80E-11	1	2679.306	-2.56	Ovary	2R:+:54375503-54375574	exon=> In CDS Exon 3 of transcript AGAP004311-PA
JHU_Ag_92644	IESQLQITEQVR	AGAP004314-PA	-	62	6.55E-06	1	1443.783	1.58	Male reproductive organs	2R:-:54387135-54387100	exon=> In CDS Exon 3 of transcript AGAP004314-PA
JHU_Ag_40241	VALNIYNNELCAER	AGAP004318-PA	C11(Carbamidomethyl)	47	0.000279335	2	1678.823	0.89	Head	2R:-:54406319-54406278	exon=> In CDS Exon 4 of transcript AGAP004318-PA
JHU_Ag_110245	EDDGAEPENYDILR	AGAP004318-PA	-	48	0.000129268	2	1635.714	0.64	Head	2R:-:54406565-54406524	exon=> In CDS Exon 4 of transcript AGAP004318-PA
JHU_Ag_9405	VGDMSDIVDTDSGVHLILR	AGAP004321-PA	M4(Oxidation)	168	2.58E-16	1	2058.020	1.19	Ovary	2R:+:54458476-54458532	exon=> In CDS Exon 3 of transcript AGAP004321-PA
JHU_Ag_53726	VGDMSDIVDTDSGVHLILR	AGAP004321-PA	M4(Oxidation)	126	4.24E-12	1	2058.023	2.88	Head	2R:+:54458476-54458532	exon=> In CDS Exon 3 of transcript AGAP004321-PA
JHU_Ag_67083	GGDLGMFK	AGAP004321-PA	M6(Oxidation)	58	1.34E-05	1	840.391	-1.31	Ovary	2R:+:54458404-54458427	exon=> In CDS Exon 3 of transcript AGAP004321-PA
JHU_Ag_70769	GMMQKPFEDAAFALK	AGAP004321-PA	M2(Oxidation), M3(Oxidation)	86	3.63E-08	1	1715.811	-1.31	Ovary	2R:+:54458431-54458475	exon=> In CDS Exon 3 of transcript AGAP004321-PA
JHU_Ag_107490	RGMMQKPFEDAAFALK	AGAP004321-PA	M3(Oxidation), M4(Oxidation)	58	2.59E-05	1	1871.912	-1.26	Ovary	2R:+:54458428-54458475	exon=> In CDS Exon 3 of transcript AGAP004321-PA
JHU_Ag_10933	SDGQETVPEGWEKR	AGAP004321-PA,AGAP013475-PA	N-Term(Acetyl)	60	1.00E-05	1	1659.764	1.79	Malpighian tubule	2R:+:54457914-54457955;2R:+:54455628-54455669	exon=> In CDS Exon 1 of transcript AGAP004321-PA;exon=> In CDS Exon 1 of transcript AGAP013475-PA
JHU_Ag_18025	IQSNEATLQELAQR	AGAP004321-PA,AGAP013475-PA	Q2(Deamidated)	70	1.67E-06	1	1601.810	-2.04	Midgut	2R:+:54458335-54458376;2R:+:54456049-54456090	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_40414	IQSNEATLQELAQR	AGAP004321-PA,AGAP013475-PA	-	109	1.49E-10	2	1600.829	-0.21	Ovary	2R:+:54458335-54458376;2R:+:54456049-54456090	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_46311	KIQSNEATLQELAQR	AGAP004321-PA,AGAP013475-PA	-	125	2.90E-12	1	1728.927	1.65	Head	2R:+:54458332-54458376;2R:+:54456046-54456090	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_46408	STGMTYYLNVYTK	AGAP004321-PA,AGAP013475-PA	M4(Oxidation)	75	4.78E-07	1	1556.732	1.02	Ovary	2R:+:54457965-54457971,54458034-54458065;2R:+:54455679-54455685,54455748-54455779	exon=> In CDS Exon 1 and 2 of transcript AGAP004321-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013475-PA
JHU_Ag_47900	SKEEALEILESYR	AGAP004321-PA,AGAP013475-PA	-	98	2.34E-09	1	1566.805	2.44	Ovary	2R:+:54458290-54458328;2R:+:54456004-54456042	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_49701	KIQSNEATLQELAQR	AGAP004321-PA,AGAP013475-PA	-	50	9.12E-05	1	1728.926	1.35	Ovary	2R:+:54458332-54458376;2R:+:54456046-54456090	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_51798	IQSNEATLQELAQR	AGAP004321-PA,AGAP013475-PA	-	91	1.09E-08	1	1600.829	0.1	Head	2R:+:54458335-54458376;2R:+:54456049-54456090	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_73863	SKEEALEILESYR	AGAP004321-PA,AGAP013475-PA	-	86	3.54E-08	1	1566.806	3.21	Malpighian tubule	2R:+:54458290-54458328;2R:+:54456004-54456042	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_101290	SKEEALEILESYR	AGAP004321-PA,AGAP013475-PA	-	53	6.65E-05	1	1566.797	-2.68	Head	2R:+:54458290-54458328;2R:+:54456004-54456042	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA

JHU_Ag_101588	IQSNEATLQELAQR	AGAP004321-PA,AGAP013475-PA	-	89	1.52E-08	2	1600.829	0.1	Visceras	2R:+:54458335-54458376;2R:+:54456049-54456090	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_102665	EEALEILESYR	AGAP004321-PA,AGAP013475-PA	-	81	1.63E-07	2	1351.679	3.4	Head	2R:+:54458296-54458328;2R:+:54456010-54456042	exon=> In CDS Exon 3 of transcript AGAP004321-PA;exon=> In CDS Exon 3 of transcript AGAP013475-PA
JHU_Ag_17886	VVNEIIKDVVK	AGAP004322-PA	-	46	6.84E-05	2	1255.763	0.92	Ovary	2R:-:54460310-54460278	exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_28717	LVNHTFSSSIVDAAYNEYATNEQR	AGAP004322-PA	-	70	1.38E-06	1	2729.288	3	Ovary	2R:-:54460277-54460206	exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_35479	LTDNSLLHALLAEFLEEAGTTER	AGAP004322-PA	-	54	3.72E-05	3	2543.309	4.16	Ovary	2R:-:54460049-54459981	exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_53851	LVNHTFSSSIVDAAYNEYATNEQR	AGAP004322-PA	-	62	1.02E-05	3	2729.298	6.35	Malpighian tubule	2R:-:54460277-54460206	exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_73791	SPFEEEKAAAR	AGAP004322-PA	-	63	8.72E-06	1	1234.612	4.4	Malpighian tubule	2R:-:54459198-54459386,54458710-54459049	exon=> In CDS Exon 3 and 2 of transcript AGAP004322-PA
JHU_Ag_78606	MIKLDQEK	AGAP004322-PA	M1(Oxidation)	36	0.004534325	1	1020.540	0.14	Malpighian tubule	2R:-:54458976-54458953	exon=> In CDS Exon 3 of transcript AGAP004322-PA
JHU_Ag_109587	YGHHCVTSLFK	AGAP004322-PA	C5(Carbamidomethyl)	67	3.94E-06	1	1348.657	7.75	Ovary	2R:-:54460370-54460338	exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_111997	GGHTALLTAAILK	AGAP004322-PA	-	59	1.18E-06	2	1265.760	1.89	Ovary	2R:-:54459506-54459468	exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_116014	VVNEIIKDVVK	AGAP004322-PA	-	28	0.004058193	1	1255.766	3.36	Malpighian tubule	2R:-:54460310-54460278	exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_17077	LLLDVR	AGAP004323-PA	-	35	0.001944697	2	728.468	1.67	Ovary	2R:+:54480293-54480310	exon=> In CDS Exon 2 of transcript AGAP004323-PA
JHU_Ag_52436	LLLDVR	AGAP004323-PA	-	34	0.001071819	2	728.465	-2.1	Head	2R:+:54480293-54480310	exon=> In CDS Exon 2 of transcript AGAP004323-PA
JHU_Ag_54650	LLLDVR	AGAP004323-PA	-	32	0.003379497	2	728.467	0.84	Visceras	2R:+:54480293-54480310	exon=> In CDS Exon 2 of transcript AGAP004323-PA
JHU_Ag_113595	LLLDVR	AGAP004323-PA	-	30	0.003112585	2	728.466	-1.43	Malpighian tubule	2R:+:54480293-54480310	exon=> In CDS Exon 2 of transcript AGAP004323-PA
JHU_Ag_1766	LWFVDTGYLEYPGGAGR	AGAP004324-PA	-	84	6.22E-08	1	1900.918	-2.38	Ovary	2R:-:54490553-54490503	exon=> In CDS Exon 3 of transcript AGAP004324-PA
JHU_Ag_9283	NPSANNPTLDPYPNLLVNSLR	AGAP004324-PA	-	35	0.003305616	1	2309.204	6.87	Pupa	2R:-:54490754-54490692	exon=> In CDS Exon 2 of transcript AGAP004324-PA
JHU_Ag_9839	GFLYVTIPR	AGAP004324-PA	-	61	5.02E-06	2	1065.609	0.23	Pupa	2R:-:54490829-54490803	exon=> In CDS Exon 2 of transcript AGAP004324-PA
JHU_Ag_15524	LWFVDTGYLEYPGGAGR	AGAP004324-PA	-	108	2.61E-10	1	1900.928	2.63	Pupa	2R:-:54490553-54490503	exon=> In CDS Exon 3 of transcript AGAP004324-PA
JHU_Ag_19376	FEHNYFSFEPR	AGAP004324-PA	-	33	0.003434105	1	1472.660	0.63	Ovary	2R:-:54490283-54490251	exon=> In CDS Exon 3 of transcript AGAP004324-PA
JHU_Ag_23670	RRPGIPATLNVIDLAR	AGAP004324-PA	-	50	5.31E-06	3	1762.050	2.94	Ovary	2R:-:54490802-54490755	exon=> In CDS Exon 2 of transcript AGAP004324-PA
JHU_Ag_32561	NPSANNPTLDPYPNLLVNSLR	AGAP004324-PA	-	53	5.17E-05	1	2309.182	-2.65	Ovary	2R:-:54490754-54490692	exon=> In CDS Exon 2 of transcript AGAP004324-PA
JHU_Ag_61799	GFLYVTIPR	AGAP004324-PA	-	53	2.77E-05	2	1065.609	0.23	Ovary	2R:-:54490829-54490803	exon=> In CDS Exon 2 of transcript AGAP004324-PA
JHU_Ag_73135	RPGIPATLNVIDLAR	AGAP004324-PA	-	79	1.09E-08	1	1605.946	1.78	Ovary	2R:-:54490799-54490755	exon=> In CDS Exon 2 of transcript AGAP004324-PA
JHU_Ag_78476	LYVYGLTEGR	AGAP004324-PA	-	68	1.77E-06	1	1170.614	-0.81	Ovary	2R:-:54490322-54490293	exon=> In CDS Exon 3 of transcript AGAP004324-PA
JHU_Ag_78831	NPSANNPTLDPYPNLLVNSLRR	AGAP004324-PA	-	90	6.53E-09	1	2465.302	5	Ovary	2R:-:54490754-54490912,54489846-54490620	exon=> In CDS Exon 3 and 2 of transcript AGAP004324-PA

JHU_Ag_96778	TGEIIAYSDTAIR	AGAP004329-PA	-	61	1.22E-05	2	1409.725	-1.68	Midgut	2R:+:54653846-54653884	exon=> In CDS Exon 1 of transcript AGAP004329-PA
JHU_Ag_117662	TGEIIAYSDTAIR	AGAP004329-PA	-	65	3.77E-06	2	1409.735	5.68	Head	2R:+:54653846-54653884	exon=> In CDS Exon 1 of transcript AGAP004329-PA
JHU_Ag_55327	DLTNLDIFQVTR	AGAP004332-PA	-	49	0.000200695	2	1434.758	-0.39	Head	2R:-:54682108-54682073	exon=> In CDS Exon 2 of transcript AGAP004332-PA
JHU_Ag_2676	LENETDIPR	AGAP004334-PA	-	66	2.52E-06	2	1086.543	0.02	Salivary gland	2R:-:54713275-54713249	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_6692	DVCLPDEDHCMK	AGAP004334-PA	C3(Carbamidomethyl), C10(Carbamidomethyl),"C3(Carbamidomethyl), C10(Carbamidomethyl), M11(Oxidation)"	87	2.13E-09	1	1534.601	2.27	Salivary gland	2R:-:54712978-54712943	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_8893	MVVQNISRPNLGELFQK	AGAP004334-PA	M1(Oxidation)	104	3.38E-10	1	1973.070	3.23	Salivary gland	2R:-:54713248-54713198	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_12566	QQSQPEAFF	AGAP004334-PA	-	34	0.003486838	2	1081.497	1.45	Salivary gland	2R:-:54712549-54712523	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_16153	TYFQNEFVEYR	AGAP004334-PA	N5(Deamidated)	87	2.34E-08	1	1495.686	0.31	Salivary gland	2R:-:54713011-54712979	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_17880	MTFLSSK	AGAP004334-PA	M1(Oxidation)	34	0.002520832	2	829.413	0.3	Salivary gland	2R:-:54712678-54712658	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_17977	EIDAAQQLMGEPYRK	AGAP004334-PA	M9(Oxidation)	111	1.33E-10	1	1764.860	0.74	Salivary gland	2R:-:54712843-54712799	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_19366	LLHAQIDQYEQR	AGAP004334-PA	Q5(Deamidated),Q8(Deamidated)	113	6.26E-11	1	1513.773	-1.62	Salivary gland	2R:-:54712942-54712907	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_21486	REIDAAQQLMGEPYR	AGAP004334-PA	M10(Oxidation)	102	1.29E-09	1	1776.868	-0.84	Salivary gland	2R:-:54712846-54712802	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_23115	MDELNEQIR	AGAP004334-PA	M1(Oxidation)	82	7.52E-08	2	1147.541	-0.07	Salivary gland	2R:-:54713038-54713012	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_30839	HVDIFQQFNDGSFEASQK	AGAP004334-PA	-	120	1.37E-11	1	2096.971	1.77	Head	2R:-:54713521-54713599,54712520-54713387	exon=> In CDS Exon 2 and 1 of transcript AGAP004334-PA
JHU_Ag_37340	KMDELNEQIR	AGAP004334-PA	M2(Oxidation)	81	1.27E-07	1	1291.634	1.99	Salivary gland	2R:-:54713041-54713012	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_39588	KQQSQPEAFF	AGAP004334-PA	-	49	0.000201775	1	1209.593	2.77	Salivary gland	2R:-:54712552-54712523	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_41081	LADHLAEQR	AGAP004334-PA	-	77	2.53E-07	1	1052.549	0.47	Salivary gland	2R:-:54712873-54712847	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_55494	TNVEECHDK	AGAP004334-PA	C6(Carbamidomethyl)	47	3.91E-05	1	1131.473	-0.43	Salivary gland	2R:-:54712900-54712874	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_59251	TYFQNEFVEYR	AGAP004334-PA	-	65	3.86E-06	2	1495.689	2.43	Head	2R:-:54713011-54712979	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_62610	LADHLAEQR	AGAP004334-PA	-	67	2.31E-06	1	1052.544	-4.4	Head	2R:-:54712873-54712847	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_62792	MMAYTNDAVAK	AGAP004334-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	73	4.04E-07	1	1214.555	0.72	Salivary gland	2R:-:54713116-54713084	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_64420	MDGCLNR	AGAP004334-PA	C4(Carbamidomethyl),"M1(Oxidation), C4(Carbamidomethyl)"	53	1.42E-05	2	881.361	0.15	Salivary gland	2R:-:54712798-54712778	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_65300	EIDAAQQLMGEPYR	AGAP004334-PA	M9(Oxidation),"Q6(Deamidated), M9(Oxidation)"	113	7.52E-11	1	1620.775	4	Salivary gland	2R:-:54712843-54712802	exon=> In CDS Exon 2 of transcript AGAP004334-PA

JHU_Ag_65948	EIDAAQQLMGEPYR	AGAP004334-PA	M9(Oxidation)	40	0.001404147	2	1636.771	4.68	Head	2R:-:54712843-54712802	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_67481	DVCLPDEDHCMK	AGAP004334-PA	C3(Carbamidomethyl), C10(Carbamidomethyl), M11(Oxidation)	27	0.001893169	1	1534.598	0.63	Head	2R:-:54712978-54712943	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_77849	GVLVSIK	AGAP004334-PA	-	45	0.000164853	2	715.471	-0.24	Salivary gland	2R:-:54713143-54713123	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_80124	VDKFEK	AGAP004334-PA	-	48	0.000202104	2	765.414	0.16	Salivary gland	2R:-:54712645-54712628	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_81609	LRTNVEECHDK	AGAP004334-PA	C8(Carbamidomethyl)	44	0.000467285	1	1400.654	-3.23	Salivary gland	2R:-:54712906-54712874	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_83355	LTTGFFSLNLFQIGQHVR	AGAP004334-PA	-	155	2.32E-15	1	2078.120	0.92	Salivary gland	2R:-:54713197-54713144	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_85954	LTTGFFSLNLFQIGQHVR	AGAP004334-PA	-	32	0.003689 04	1	2078.129	5.06	Ovary	2R:-:54713197-54713144	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_94461	HVDIFQQFNDGSFEASQK	AGAP004334-PA	-	163	7.74E-16	1	2096.970	1.3	Salivary gland	2R:-:54713521-54713599,54712520-54713387	exon=> In CDS Exon 2 and 1 of transcript AGAP004334-PA
JHU_Ag_96941	LLHAQIDQYEQR	AGAP004334-PA	-	58	2.17E-05	1	1513.779	1.82	Head	2R:-:54712942-54712907	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_113173	KMDGCLNR	AGAP004334-PA	M2(Oxidation), C5(Carbamidomethyl)	46	0.000257294	2	1009.455	-0.17	Salivary gland	2R:-:54712801-54712778	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_113344	SFLACSGSAVSNLAQLTTASMQSFADR	AGAP004334-PA	C5(Carbamidomethyl), M21(Oxidation),C5(Carbamidomethyl)	202	7.84E-20	1	2836.323	-0.5	Salivary gland	2R:-:54712759-54712679	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_116404	TNVEECHDKLADHLAEQR	AGAP004334-PA	C6(Carbamidomethyl)	134	5.06E-13	1	2165.006	1.08	Salivary gland	2R:-:54712900-54712847	exon=> In CDS Exon 2 of transcript AGAP004334-PA
JHU_Ag_2302	FEHLR	AGAP004334-PA,AGAP000862-PA	-	30	0.009511358	1	701.373	0.19	Head	2R:-:54713083-54713069;X:+:15871503-15871517	exon=> In CDS Exon 2 of transcript AGAP004334-PA;exon=> In CDS Exon 2 of transcript AGAP000862-PA
JHU_Ag_496	VVVNESTRPEK	AGAP004335-PA	-	38	0.002087249	1	1257.680	0.34	Pupa	2R:+:54788880-54788912	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_531	AVDNVEEEQVTK	AGAP004335-PA	-	77	3.03E-07	2	1360.659	-0.02	Male reproductive organs	2R:+:54800464-54800499	exon=> In CDS Exon 9 of transcript AGAP004335-PA
JHU_Ag_5976	HTSIVAYGPGLK	AGAP004335-PA	-	38	0.001800802	2	1242.690	4.61	Malpighian tubule	2R:+:54786494-54786529	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_6267	LIALIEVLSQK	AGAP004335-PA	-	99	7.69E-11	2	1226.772	0.29	Salivary gland	2R:+:54775702-54775734	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_6293	HTSIVAYGPGLK	AGAP004335-PA	-	35	0.003656927	2	1242.685	0.29	Pupa	2R:+:54786494-54786529	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_6552	DPGDYDLDIK	AGAP004335-PA	-	63	6.11E-06	2	1150.528	1.26	Salivary gland	2R:+:54789881-54789910	exon=> In CDS Exon 8 of transcript AGAP004335-PA
JHU_Ag_7632	IFTEGAGEGIPEVK	AGAP004335-PA	-	82	9.57E-08	2	1446.749	0.87	Ovary	2R:+:54786281-54786322	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_9672	IINQTIANLESDLSDGLR	AGAP004335-PA	-	118	2.01E-11	2	1972.045	5.48	Larva	2R:+:54775648-54775701	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_11155	DAVQNAAEAMGLADDWLNVR	AGAP004335-PA	M10(Oxidation)	110	1.46E-10	1	2175.027	6.09	Larva	2R:+:54784137-54784196	exon=> In CDS Exon 2 of transcript AGAP004335-PA
JHU_Ag_12804	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	98	4.86E-10	1	1579.903	-1.57	Head	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_13215	DPGDYDLDIK	AGAP004335-PA	-	73	6.75E-07	1	1150.530	3.17	Ovary	2R:+:54789881-54789910	exon=> In CDS Exon 8 of transcript AGAP004335-PA
JHU_Ag_13686	LVPDLPINNFTSDWTNGK	AGAP004335-PA	-	46	0.000336368	1	2031.030	5.75	Malpighian tubule	2R:+:54784014-54784067	exon=> In CDS Exon 2 of transcript AGAP004335-PA
JHU_Ag_14924	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	111	2.18E-11	1	1579.907	1.13	Salivary gland	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA

JHU_Ag_15821	SPYEVQVESQAGDASK	AGAP004335-PA	-	83	7.41E-08	1	1694.794	4.29	Ovary	2R:+:54785867-54785914	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_17993	VNDDDVTFR	AGAP004335-PA	-	42	0.000766982	1	1080.497	0.76	Malpighian tubule	2R:+:54786254-54786280	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_19257	DVLGSPFLLQAIPTGEADK	AGAP004335-PA	-	99	1.10E-09	1	1971.051	3.62	Malpighian tubule	2R:+:54789444-54789491,54789597-54789605	exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PA
JHU_Ag_22359	IFTEGAGEGIPEVK	AGAP004335-PA	-	56	4.44E-05	1	1446.748	0.02	Salivary gland	2R:+:54786281-54786322	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_22376	ADDFHPELVK	AGAP004335-PA	-	35	0.003849697	1	1170.583	3.76	Malpighian tubule	2R:+:54786764-54786793	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_26311	GAGAGGLSLAIEGPSEAK	AGAP004335-PA	-	66	2.94E-06	2	1584.828	3.49	Salivary gland	2R:+:54788706-54788759	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_26326	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	81	2.17E-08	1	1579.913	4.46	Larva	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_27827	AAGNGLLEVNLVHEESK	AGAP004335-PA	-	50	0.000108735	1	1779.922	-0.66	Ovary	2R:+:54787251-54787301	exon=> In CDS Exon 4 of transcript AGAP004335-PA
JHU_Ag_30218	KLDATTYEAQYIPLK	AGAP004335-PA	-	77	1.37E-07	2	1753.944	4.13	Ovary	2R:+:54786365-54786409	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_33429	AYGPGLESAMTDK	AGAP004335-PA	M10(Oxidation)	54	4.01E-05	2	1355.620	3.58	Ovary	2R:+:54788640-54788678	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_34056	IINQTIANLESDLSDGLR	AGAP004335-PA	-	62	7.47E-06	2	1972.039	2.2	Visceras	2R:+:54775648-54775701	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_36460	YHPTAPGEYAVHILCDNEDIPK	AGAP004335-PA	C15(Carbamidomethyl)	125	4.69E-12	1	2539.186	-2.41	Head	2R:+:54786668-54786733	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_37320	NLTYSVSYIPK	AGAP004335-PA	-	51	8.54E-05	2	1284.687	2.62	Malpighian tubule	2R:+:54785780-54785812	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_39429	LVPDLPINNFTSDWTNGK	AGAP004335-PA	N16(Deamidated)	53	7.38E-05	2	2032.018	7.91	Larva	2R:+:54784014-54784067	exon=> In CDS Exon 2 of transcript AGAP004335-PA
JHU_Ag_39887	HTSIVAYGPGLK	AGAP004335-PA	-	63	5.70E-06	1	1242.687	2.25	Ovary	2R:+:54786494-54786529	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_41523	GAGAGGLSLAIEGPSEAK	AGAP004335-PA	-	36	0.002868919	1	1584.818	-2.82	Male reproductive organs	2R:+:54788706-54788759	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_43697	IINQTIANLESDLSDGLR	AGAP004335-PA	-	94	5.00E-09	1	1972.040	2.51	Ovary	2R:+:54775648-54775701	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_44764	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	82	2.15E-08	1	1579.907	0.9	Male reproductive organs	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_45589	FLEVEGIK	AGAP004335-PA	-	37	0.001604438	1	934.528	3.79	Ovary	2R:+:54775807-54775830	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_47098	IQQNTFTR	AGAP004335-PA	-	49	0.0002647	2	1007.531	3.76	Ovary	2R:+:54775603-54775626	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_47193	YHPTAPGEYAVHILCDNEDIPK	AGAP004335-PA	C15(Carbamidomethyl)	58	2.56E-05	1	2539.201	3.56	Midgut	2R:+:54786668-54786733	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_50600	KLDATTYEAQYIPLK	AGAP004335-PA	-	88	1.43E-08	2	1753.937	-0.18	Malpighian tubule	2R:+:54786365-54786409	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_50699	IFTEGAGEGIPEVK	AGAP004335-PA	-	71	1.26E-06	2	1446.749	0.95	Pupa	2R:+:54786281-54786322	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_50994	NGGVIVGKPTEFTVDATR	AGAP004335-PA	-	47	0.000234112	2	1860.993	5.96	Malpighian tubule	2R:+:54786818-54786871	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_51048	IINQTIANLESDLSDGLR	AGAP004335-PA	-	91	1.06E-08	2	1972.036	0.78	Head	2R:+:54775648-54775701	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_51791	ILVLYGSQEIPK	AGAP004335-PA	-	55	1.34E-05	2	1359.791	2.05	Male reproductive organs	2R:+:54786425-54786460	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_52543	DVLGSPFLLQAIPTGEADK	AGAP004335-PA	-	81	8.11E-08	1	1971.044	0.53	Head	2R:+:54789444-54789491,54789597-54789605	exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PA

JHU_Ag_52859	SPFEVTVGPQK	AGAP004335-PA	-	55	5.08E-05	2	1188.630	3.43	Ovary	2R:+:54786461-54786493	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_52989	SPYEVQVESQAGDASK	AGAP004335-PA	-	52	8.91E-05	2	1694.785	-0.9	Midgut	2R:+:54785867-54785914	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_53567	SPFEVTVGPQK	AGAP004335-PA	-	50	0.000148657	2	1188.627	0.76	Midgut	2R:+:54786461-54786493	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_53898	ILVLYGSQEIPK	AGAP004335-PA	-	47	8.31E-05	1	1359.791	1.87	Malpighian tubule	2R:+:54786425-54786460	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_57377	IFTEGAGEGIPEVK	AGAP004335-PA	-	65	5.13E-06	2	1446.749	0.7	Male reproductive organs	2R:+:54786281-54786322	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_58685	AVDNVEEEQVTK	AGAP004335-PA	-	92	9.36E-09	2	1360.664	3.39	Malpighian tubule	2R:+:54800464-54800499	exon=> In CDS Exon 9 of transcript AGAP004335-PA
JHU_Ag_59684	LIALIEVLSQK	AGAP004335-PA	-	54	2.09E-06	2	1226.778	4.77	Larva	2R:+:54775702-54775734	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_60452	GTPEVIILDPANHK	AGAP004335-PA	-	61	8.38E-06	1	1503.815	-1.34	Male reproductive organs	2R:+:54786005-54786046	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_61397	LIALIEVLSQK	AGAP004335-PA	-	43	3.25E-05	2	1226.770	-1.9	Visceras	2R:+:54775702-54775734	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_63095	SPYEVQVESQAGDASK	AGAP004335-PA	-	65	4.31E-06	2	1694.789	1.48	Head	2R:+:54785867-54785914	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_64895	AVDNVEEEQVTK	AGAP004335-PA	-	65	4.52E-06	2	1360.660	0.43	Ovary	2R:+:54800464-54800499	exon=> In CDS Exon 9 of transcript AGAP004335-PA
JHU_Ag_66626	DVLGSPFLLQAIPTGEADK	AGAP004335-PA	-	56	3.14E-05	1	1971.033	-5.48	Salivary gland	2R:+:54789444-54789491,54789597-54789605	exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PA
JHU_Ag_70350	ILVLYGSQEIPK	AGAP004335-PA	-	74	1.73E-07	2	1359.793	3.48	Ovary	2R:+:54786425-54786460	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_70720	VTVAPPVDVSK	AGAP004335-PA	-	40	0.000546598	2	1111.635	-0.46	Ovary	2R:+:54787431-54787463	exon=> In CDS Exon 4 of transcript AGAP004335-PA
JHU_Ag_72652	LIALIEVLSQK	AGAP004335-PA	-	42	2.86E-05	2	1226.777	3.87	Ovary	2R:+:54775702-54775734	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_74696	SPYEVQVESQAGDASK	AGAP004335-PA	-	96	3.80E-09	1	1694.785	-1.26	Malpighian tubule	2R:+:54785867-54785914	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_79874	VVVNESTRPEK	AGAP004335-PA	-	63	6.23E-06	1	1257.680	0.04	Head	2R:+:54788880-54788912	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_82094	LENVSVALK	AGAP004335-PA	-	34	0.004541395	1	972.573	0.47	Malpighian tubule	2R:+:54775780-54775806	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_84894	VVVNESTRPEK	AGAP004335-PA	-	64	5.58E-06	1	1257.678	-1.22	Male reproductive organs	2R:+:54788880-54788912	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_87435	GTPEVIILDPANHK	AGAP004335-PA	-	63	5.12E-06	1	1503.822	3.61	Salivary gland	2R:+:54786005-54786046	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_87984	DGFFDIFYVLK	AGAP004335-PA	-	66	4.21E-06	1	1363.704	7.76	Ovary	2R:+:54789848-54789880	exon=> In CDS Exon 8 of transcript AGAP004335-PA
JHU_Ag_90617	IINQTIANLESDLSDGLR	AGAP004335-PA	-	82	7.97E-08	1	1972.039	1.95	Malpighian tubule	2R:+:54775648-54775701	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_90753	SPYEVQVESQAGDASK	AGAP004335-PA	-	63	6.96E-06	2	1694.788	0.9	Male reproductive organs	2R:+:54785867-54785914	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_95103	IFTEGAGEGIPEVK	AGAP004335-PA	-	50	0.000163035	2	1446.748	0.28	Malpighian tubule	2R:+:54786281-54786322	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_95298	YHPTAPGEYAVHILCDNEDIPK	AGAP004335-PA	C15(Carbamidomethyl)	68	2.27E-06	1	2539.206	5.51	Ovary	2R:+:54786668-54786733	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_95945	GTPEVIILDPANHK	AGAP004335-PA	-	62	7.59E-06	1	1503.816	-0.53	Midgut	2R:+:54786005-54786046	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_96236	ILVLYGSQEIPK	AGAP004335-PA	-	66	1.18E-06	2	1359.788	-0.2	Midgut	2R:+:54786425-54786460	exon=> In CDS Exon 3 of transcript AGAP004335-PA

JHU_Ag_97870	FLEVEGIK	AGAP004335-PA	-	44	0.000326963	2	934.527	2.61	Salivary gland	2R:+:54775807-54775830	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_100275	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	61	2.11E-06	2	1579.909	2.14	Malpighian tubule	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_101449	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	85	8.89E-09	1	1579.910	2.68	Ovary	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_104790	IFGPGGVVPEHSIR	AGAP004335-PA	-	48	0.000140428	1	1464.801	3.18	Ovary	2R:+:54786323-54786364	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_105519	INDVFSNTIAHK	AGAP004335-PA	-	37	0.002448227	1	1358.711	3.42	Salivary gland	2R:+:54786899-54786934	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_106804	VVVNESTRPEK	AGAP004335-PA	-	42	0.000900995	1	1257.684	3.15	Malpighian tubule	2R:+:54788880-54788912	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_106901	GAGAGGLSLAIEGPSEAK	AGAP004335-PA	-	83	5.38E-08	1	1584.830	4.34	Ovary	2R:+:54788706-54788759	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_109145	ILVLYGSQEIPK	AGAP004335-PA	-	56	7.18E-06	2	1359.797	6.62	Salivary gland	2R:+:54786425-54786460	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_110082	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	71	2.54E-07	1	1579.905	-0.02	Midgut	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_110423	LSCNIFDPR	AGAP004335-PA	C3(Carbamidomethyl)	51	0.000113062	2	1121.544	3.23	Salivary gland	2R:+:54788433-54788459	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_112211	VNDDDVTFR	AGAP004335-PA	-	68	1.74E-06	2	1080.500	3.82	Ovary	2R:+:54786254-54786280	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_113868	VTATGPGLLPDGVVVGK	AGAP004335-PA	-	73	1.29E-07	1	1579.908	1.83	Pupa	2R:+:54785915-54785965	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_114161	IFGPGGVVPEHSIR	AGAP004335-PA	-	56	2.08E-05	1	1464.798	1.68	Salivary gland	2R:+:54786323-54786364	exon=> In CDS Exon 3 of transcript AGAP004335-PA
JHU_Ag_115804	LIALIEVLSQK	AGAP004335-PA	-	47	1.08E-05	2	1226.775	2.78	Pupa	2R:+:54775702-54775734	exon=> In CDS Exon 1 of transcript AGAP004335-PA
JHU_Ag_117599	GAGAGGLSLAIEGPSEAK	AGAP004335-PA	-	71	9.80E-07	2	1584.828	3.11	Malpighian tubule	2R:+:54788706-54788759	exon=> In CDS Exon 6 of transcript AGAP004335-PA
JHU_Ag_21230	MSAVDNVEEEQVTKSATSSSK	AGAP004335-PB	N-Term(Acetyl), N6(Deamidated)	30	0.010685762	1	2270.026	-3.51	Midgut	2R:+:54800246-54800251,54800464-54800520	exon=> In CDS Exon 1 and 2 of transcript AGAP004335-PB
JHU_Ag_28500	TTSSAISENHSYQHQESYIEQVSSVSK	AGAP004335-PB,AGAP004335-PA	-	107	2.43E-10	1	3026.403	1.73	Ovary	2R:+:54800521-54800601;2R:+:54800521-54800601	exon=> In CDS Exon 2 of transcript AGAP004335-PB;exon=> In CDS Exon 9 of transcript AGAP004335-PA
JHU_Ag_44556	LNTPQTGGTVTAEVK	AGAP004335-PB,AGAP004335-PA	-	43	0.000647628	2	1515.803	1.25	Larva	2R:+:54800905-54800938,54816035-54816045;2R:+:54800905-54800938,54816035-54816045	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP004335-PA
JHU_Ag_69051	LNTPQTGGTVTAEVK	AGAP004335-PB,AGAP004335-PA	-	85	3.63E-08	2	1515.804	1.65	Salivary gland	2R:+:54800905-54800938,54816035-54816045;2R:+:54800905-54800938,54816035-54816045	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP004335-PA
JHU_Ag_80427	TTSSAISENHSYQHQESYIEQVSSVSK	AGAP004335-PB,AGAP004335-PA	-	125	4.28E-12	1	3026.401	1.07	Malpighian tubule	2R:+:54800521-54800601;2R:+:54800521-54800601	exon=> In CDS Exon 2 of transcript AGAP004335-PB;exon=> In CDS Exon 9 of transcript AGAP004335-PA

JHU_Ag_84743	QYIQQTASEEFLVR	AGAP004335-PB,AGAP004335-PA	-	72	8.62E-07	1	1711.876	6.35	Salivary gland	2R:+:54800608-54800643,54800713-54800718;2R:+:54800608-54800643,54800713-54800718	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP004335-PA
JHU_Ag_48248	PSGEVDKPVIDDNHDGTVSIR	AGAP004335-PC	-	80	1.40E-07	1	2250.085	-6.64	Head	2R:+:54816049-54816111	exon=> In CDS Exon 1 of transcript AGAP004335-PC
JHU_Ag_813	QIHIPGSPFQFTVGPLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	69	7.14E-07	1	1866.029	0.66	Malpighian tubule	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP004335-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004335-PA
JHU_Ag_831	NQYTVNYLVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	38	0.001743103	2	1269.664	4.03	Ovary	2R:+:54818887-54818916;2R:+:54818887-54818916;2R:+:54818887-54818916	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_878	DTGAHLVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	42	0.000381332	1	840.458	0.67	Head	2R:+:54817519-54817542;2R:+:54817519-54817542;2R:+:54817519-54817542	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_1276	VYISPAMGEAHK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M7(Oxidation)	39	0.001872768	1	1318.645	-0.81	Head	2R:+:54817850-54817885;2R:+:54817850-54817885;2R:+:54817850-54817885	exon=> In CDS Exon 4 of transcript AGAP004335-PC;exon=> In CDS Exon 7 of transcript AGAP004335-PB;exon=> In CDS Exon 14 of transcript AGAP004335-PA
JHU_Ag_3130	DGTVSVSYLPTAPGEYK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	76	4.24E-07	1	1783.881	3.21	Head	2R:+:54816471-54816521;2R:+:54816471-54816521;2R:+:54816471-54816521	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_3562	GPCDEVFIK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	67	2.87E-06	1	1064.510	1.55	Male reproductive organs	2R:+:54818848-54818874;2R:+:54818848-54818874;2R:+:54818848-54818874	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_4114	FHVDSISSGYVTAYGPGLVHGVTGEPAQFIISTK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	126	1.93E-12	1	3534.807	4.6	Malpighian tubule	2R:+:54816190-54816291;2R:+:54816190-54816291;2R:+:54816190-54816291	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA

JHU_Ag_4185	DGSCDVSYVVSEPGDYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C4(Carbamidomethyl)	70	4.81E-07	1	1904.800	1.49	Visceras	2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP004335-PA
JHU_Ag_5572	NAGYGGLSLSIEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	100	1.46E-09	2	1549.795	6.2	Larva	2R:+:54816945-54816992;2R:+:54816945-54816992;2R:+:54816945-54816992	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_6007	EAVPITEVGSQCK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C12(Carbamidomethyl)	65	5.19E-06	2	1417.703	2.96	Male reproductive organs	2R:+:54817176-54817214;2R:+:54817176-54817214;2R:+:54817176-54817214	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_7286	NQYTVNYLVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	50	0.000123362	1	1269.661	2.2	Male reproductive organs	2R:+:54818887-54818916;2R:+:54818887-54818916;2R:+:54818887-54818916	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_7442	FADHHVTGSPFTVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	50	0.000159539	1	1542.769	-0.53	Larva	2R:+:54817083-54817124;2R:+:54817083-54817124;2R:+:54817083-54817124	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_10538	NQYTVNYLVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	56	3.05E-05	2	1269.663	3.16	Visceras	2R:+:54818887-54818916;2R:+:54818887-54818916;2R:+:54818887-54818916	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_11496	GPCDEVFIK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	58	2.24E-05	1	1064.507	-0.75	Head	2R:+:54818848-54818874;2R:+:54818848-54818874;2R:+:54818848-54818874	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_11649	MPTGNIGISFTPR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M1(Oxidation)	57	3.14E-05	2	1406.720	7.22	Salivary gland	2R:+:54816729-54816767;2R:+:54816729-54816767;2R:+:54816729-54816767	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_12089	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	41	4.44E-05	2	987.627	3.2	Salivary gland	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_14061	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	111	1.14E-10	1	2308.114	1.53	Pupa	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA

JHU_Ag_14400	EAGGGTLAISVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	73	7.57E-07	2	1472.758	-1.08	Head	2R:+:54817609-54817656;2R:+:54817609-54817656	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_15331	THQDNVFSIDTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	88	2.23E-08	1	1432.687	3.91	Male reproductive organs	2R:+:54816909-54816944;2R:+:54816909-54816944	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_15795	DGTVSVSYLPTAPGEYK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	46	0.000427686	2	1783.881	3.42	Visceras	2R:+:54816471-54816521;2R:+:54816471-54816521	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_16300	NAGYGGLSLSIEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	125	4.56E-12	1	1549.791	3.68	Malpighian tubule	2R:+:54816945-54816992;2R:+:54816945-54816992	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_16430	AEIEFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	42	0.000580987	2	736.387	-0.75	Male reproductive organs	2R:+:54817657-54817674;2R:+:54817657-54817674	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_16697	VVAPSNNEDDCFIQLIDQDQYSVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C11(Carbamidomethyl)	58	2.09E-05	2	2825.305	0.07	Head	2R:+:54818087-54818158;2R:+:54818087-54818158	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_17278	QIHIPGSPFQFTVGPLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	83	2.53E-08	1	1866.033	3.31	Midgut	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP004335-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004335-PA
JHU_Ag_17378	EAGGGTLAISVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	57	2.57E-05	2	1472.761	1.16	Visceras	2R:+:54817609-54817656;2R:+:54817609-54817656	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_18534	DGTVSVSYLPTAPGEYK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	67	3.49E-06	1	1783.873	-1.17	Male reproductive organs	2R:+:54816471-54816521;2R:+:54816471-54816521	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_19565	ERGDYILLVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	51	5.53E-05	1	1205.689	0.13	Male reproductive organs	2R:+:54818917-54818946;2R:+:54818917-54818946	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA

JHU_Ag_20974	FNGVHIPGSPYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	41	0.000915188	1	1343.688	1.94	Visceras	2R:+:54818201-54818236;2R:+:54818201-54818236;2R:+:54818201-54818236	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_21537	SLNASIQAPSGLEEPCFLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C16(Carbamidomethyl)	91	1.13E-08	1	2061.033	0.15	Head	2R:+:54816669-54816725;2R:+:54816669-54816725;2R:+:54816669-54816725	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_22185	MPTGNIGISFTPR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M1(Oxidation)	45	0.000539328	2	1406.711	0.71	Pupa	2R:+:54816729-54816767;2R:+:54816729-54816767;2R:+:54816729-54816767	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_22227	NAGYGGLSLSIEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	95	5.90E-09	2	1549.784	-1.21	Pupa	2R:+:54816945-54816992;2R:+:54816945-54816992;2R:+:54816945-54816992	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_22561	GAGAGGLQMAVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M9(Oxidation)	99	1.90E-09	1	1445.720	10.02	Male reproductive organs	2R:+:54816292-54816339;2R:+:54816292-54816339;2R:+:54816292-54816339	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_23383	FADHHVTGSPFTVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	87	2.96E-08	1	1542.767	-1.95	Pupa	2R:+:54817083-54817124;2R:+:54817083-54817124;2R:+:54817083-54817124	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_26226	FNGVHIPGSPYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	74	4.96E-07	1	1343.683	-1.54	Head	2R:+:54818201-54818236;2R:+:54818201-54818236;2R:+:54818201-54818236	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_26257	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	62	4.35E-07	2	987.624	0.05	Ovary	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_27539	EAGGGTLAISVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	113	7.24E-11	1	1472.760	0.75	Ovary	2R:+:54817609-54817656;2R:+:54817609-54817656;2R:+:54817609-54817656	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_27720	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	109	1.97E-10	1	2308.114	1.27	Male reproductive organs	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_28805	ERGDYILLVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	44	0.000269303	1	1205.685	-3.05	Pupa	2R:+:54818917-54818946;2R:+:54818917-54818946;2R:+:54818917-54818946	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA

JHU_Ag_29915	HIANSPFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	30	0.006239521	2	913.489	-0.53	Head	2R:+:54816810-54816833;2R:+:54816810-54816833;2R:+:54816810-54816833	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_31680	YEPKEEGIHELAVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	37	0.002712824	1	1641.867	11.07	Male reproductive organs	2R:+:54816112-54816153;2R:+:54816112-54816153;2R:+:54816112-54816153	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_32053	DGSCDVSYVVSEPGDYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C4(Carbamidomethyl)	58	7.22E-06	1	1904.799	0.98	Ovary	2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP004335-PA
JHU_Ag_33440	VGKDDVDPAAVHASGK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	80	1.46E-07	1	1565.791	-0.66	Head	2R:+:54818243-54818290;2R:+:54818243-54818290;2R:+:54818243-54818290	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_34258	DDVDPAAVHASGK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	49	0.000180883	2	1281.612	3.57	Head	2R:+:54818252-54818290;2R:+:54818252-54818290;2R:+:54818252-54818290	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_34804	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	44	2.86E-05	2	987.624	-0.02	Malpighian tubule	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_35842	DDVDPAAVHASGK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	39	0.002249948	2	1281.614	5.1	Midgut	2R:+:54818252-54818290;2R:+:54818252-54818290;2R:+:54818252-54818290	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_36571	SLNASIQAPSGLEEPCFLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C16(Carbamidomethyl)	36	0.003796086	1	2061.035	1.57	Ovary	2R:+:54816669-54816725;2R:+:54816669-54816725;2R:+:54816669-54816725	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_40375	GPCDEVFIK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	64	5.40E-06	1	1064.512	3.73	Ovary	2R:+:54818848-54818874;2R:+:54818848-54818874;2R:+:54818848-54818874	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_40389	GAGAGGLQMAVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M9(Oxidation)	69	1.90E-06	2	1445.714	5.97	Larva	2R:+:54816292-54816339;2R:+:54816292-54816339;2R:+:54816292-54816339	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA

JHU_Ag_41002	INCTGESLAEAGGQETSSVIVETVAK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	70	1.35E-06	1	2650.293	2.01	Male reproductive organs	2R:+:54818516-54818593;2R:+:54818516-54818593;2R:+:54818516-54818593	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_41793	THQDNVFSIDTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	40	0.001405143	2	1432.681	-0.1	Ovary	2R:+:54816909-54816944;2R:+:54816909-54816944;2R:+:54816909-54816944	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_42606	SLNASIQAPSGLEEPCFLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C16(Carbamidomethyl)	57	2.66E-05	1	2061.030	-1.16	Visceras	2R:+:54816669-54816725;2R:+:54816669-54816725;2R:+:54816669-54816725	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_43421	GAGAGGLQMAVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	37	0.002632102	2	1429.702	-6.14	Ovary	2R:+:54816292-54816339;2R:+:54816292-54816339;2R:+:54816292-54816339	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_43525	VVAPSNNEDDCFIQLIDQDQYSVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C11(Carbamidomethyl)	60	1.22E-05	1	2825.302	-1.06	Male reproductive organs	2R:+:54818087-54818158;2R:+:54818087-54818158;2R:+:54818087-54818158	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_43544	VGKDDVDPAAVHASGK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	94	6.54E-09	1	1565.793	0.48	Pupa	2R:+:54818243-54818290;2R:+:54818243-54818290;2R:+:54818243-54818290	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_43690	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	55	2.09E-06	1	987.623	-0.32	Male reproductive organs	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_45018	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	62	3.30E-07	2	987.628	4.74	Larva	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_45750	INCTGESLAEAGGQETSSVIVETVAK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	55	4.55E-05	3	2650.295	2.77	Visceras	2R:+:54818516-54818593;2R:+:54818516-54818593;2R:+:54818516-54818593	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_47137	NAGYGGLSLSIEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	113	7.95E-11	2	1549.787	1.08	Head	2R:+:54816945-54816992;2R:+:54816945-54816992;2R:+:54816945-54816992	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_48872	SLNASIQAPSGLEEPCFLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C16(Carbamidomethyl)	95	4.37E-09	1	2061.030	-1.16	Male reproductive organs	2R:+:54816669-54816725;2R:+:54816669-54816725;2R:+:54816669-54816725	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA

JHU_Ag_48881	YNGEHVQGSPFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	44	0.000596058	2	1362.650	4.83	Visceras	2R:+:54816154-54816189;2R:+:54816154-54816189	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_49590	EAVPITEVGSQCK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C12(Carbamidomethyl)	62	1.06E-05	2	1417.699	-0.06	Head	2R:+:54817176-54817214;2R:+:54817176-54817214;2R:+:54817176-54817214	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_49636	NAGYGGLSLSIEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	104	6.76E-10	1	1549.791	3.44	Visceras	2R:+:54816945-54816992;2R:+:54816945-54816992;2R:+:54816945-54816992	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_49872	YNQMHIVGSPFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M4(Oxidation)	76	4.07E-07	1	1436.706	4.59	Male reproductive organs	2R:+:54818480-54818515;2R:+:54818480-54818515;2R:+:54818480-54818515	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_50340	FHVDSISSGYVTAYGPGLVHGVTGEPAQFIISTK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	42	0.000477325	1	3534.812	6.2	Visceras	2R:+:54816190-54816291;2R:+:54816190-54816291;2R:+:54816190-54816291	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_52928	MPTGNIGISFTPR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M1(Oxidation)	60	1.67E-05	2	1406.715	4.01	Larva	2R:+:54816729-54816767;2R:+:54816729-54816767;2R:+:54816729-54816767	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_55783	YTPLLPGHYYMTIK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M11(Oxidation)	41	0.001048214	2	1712.881	5.18	Larva	2R:+:54818438-54818479;2R:+:54818438-54818479;2R:+:54818438-54818479	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_56829	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	47	1.21E-05	2	987.626	2.27	Visceras	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_57994	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	81	1.32E-07	2	2308.122	4.87	Midgut	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_58508	AEIEFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	43	0.000657522	2	736.391	4.56	Ovary	2R:+:54817657-54817674;2R:+:54817657-54817674;2R:+:54817657-54817674	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_59015	NQYTVNYLVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	34	0.004744801	1	1269.660	0.95	Malpighian tubule	2R:+:54818887-54818916;2R:+:54818887-54818916;2R:+:54818887-54818916	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA

JHU_Ag_59970	YNGEHVQGSPFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	80	1.14E-07	1	1362.643	-0.54	Male reproductive organs	2R:+:54816154-54816189;2R:+:54816154-54816189;2R:+:54816154-54816189	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_62435	ADITYHDNKDGTVSVSYLPTAPGEYK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	86	3.51E-08	1	2841.358	0.17	Male reproductive organs	2R:+:54816340-54816345,54816450-54816521;2R:+:54816340-54816345,54816450-54816521	exon=> In CDS Exon 1 and 2 of transcript AGAP004335-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP004335-PB;exon=> In CDS Exon 11 and 12 of transcript AGAP004335-PA
JHU_Ag_62550	QIHIPGSPFQFTVGPLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	92	3.24E-09	1	1866.034	3.6	Ovary	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP004335-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004335-PA
JHU_Ag_63396	QIHIPGSPFQFTVGPLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	78	8.91E-08	1	1866.027	-0.03	Visceras	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP004335-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004335-PA
JHU_Ag_64741	NQYTVNYLVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	42	0.000736984	2	1269.658	-0.2	Midgut	2R:+:54818887-54818916;2R:+:54818887-54818916;2R:+:54818887-54818916	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_65189	DGSCDVSYVVSEPGDYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C4(Carbamidomethyl)	93	2.69E-09	2	1904.803	3.22	Midgut	2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP004335-PA

JHU_Ag_65271	GAGAGGLQMAVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M9(Oxidation)	39	0.001994655	2	1445.707	1.16	Pupa	2R:+:54816292-54816339;2R:+:54816292-54816339;2R:+:54816292-54816339	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_65347	YNQMHIVGSPFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M4(Oxidation)	58	2.58E-05	1	1436.695	-2.55	Head	2R:+:54818480-54818515;2R:+:54818480-54818515;2R:+:54818480-54818515	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_66432	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	47	0.000288486	3	2308.124	5.81	Salivary gland	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_66838	GPCDEVFIK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	49	0.000196847	1	1064.510	1.66	Visceras	2R:+:54818848-54818874;2R:+:54818848-54818874;2R:+:54818848-54818874	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_68492	MPTGNIGISFTPR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M1(Oxidation)	93	9.95E-09	2	1390.713	-1.27	Head	2R:+:54816729-54816767;2R:+:54816729-54816767;2R:+:54816729-54816767	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_69032	FADHHVTGSPFTVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	67	2.74E-06	1	1542.776	3.76	Malpighian tubule	2R:+:54817083-54817124;2R:+:54817083-54817124;2R:+:54817083-54817124	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_70041	EAVPITEVGSQCK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C12(Carbamidomethyl)	38	0.002734122	1	1417.706	4.68	Visceras	2R:+:54817176-54817214;2R:+:54817176-54817214;2R:+:54817176-54817214	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_71412	NAGYGGLSLSIEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	79	2.38E-07	2	1549.784	-0.89	Male reproductive organs	2R:+:54816945-54816992;2R:+:54816945-54816992;2R:+:54816945-54816992	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_71658	EIGEHTVSVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	35	0.002679268	1	1098.577	-1.87	Pupa	2R:+:54816768-54816797;2R:+:54816768-54816797;2R:+:54816768-54816797	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_72096	GPCDEVFIK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	35	0.004088742	1	1064.510	1.55	Malpighian tubule	2R:+:54818848-54818874;2R:+:54818848-54818874;2R:+:54818848-54818874	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA

JHU_Ag_72197	DGSCDVSYVVSEPGDYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C4(Carbamidomethyl)	84	2.00E-08	2	1904.802	2.52	Head	2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP004335-PA
JHU_Ag_72392	ERGDYILLVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	39	0.000677411	2	1205.693	3.03	Larva	2R:+:54818917-54818946;2R:+:54818917-54818946;2R:+:54818917-54818946	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_73850	DGSCDVSYVVSEPGDYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C4(Carbamidomethyl)	77	8.79E-08	1	1904.795	-0.94	Male reproductive organs	2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP004335-PA
JHU_Ag_75419	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	55	2.22E-06	1	987.624	0.11	Head	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_75619	NQYTVNYLVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	38	0.001888939	1	1269.657	-1.65	Head	2R:+:54818887-54818916;2R:+:54818887-54818916;2R:+:54818887-54818916	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_75633	THQDNVFSIDTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	62	8.63E-06	2	1432.684	1.52	Midgut	2R:+:54816909-54816944;2R:+:54816909-54816944;2R:+:54816909-54816944	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_75971	DGTVSVSYLPTAPGEYK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	71	1.28E-06	2	1783.880	2.6	Midgut	2R:+:54816471-54816521;2R:+:54816471-54816521;2R:+:54816471-54816521	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_79177	VAMDCTEVEEGYKVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C5(Carbamidomethyl)	37	0.002548742	1	1785.821	3.34	Malpighian tubule	2R:+:54818393-54818437;2R:+:54818393-54818437;2R:+:54818393-54818437	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA

JHU_Ag_79251	KVIVTGNALK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	40	0.000201722	1	1042.662	-0.4	Male reproductive organs	2R:+:54816870-54816899;2R:+:54816870-54816899;2R:+:54816870-54816899	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_80015	THQDNVFSIDTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	60	1.36E-05	2	1432.686	2.89	Visceras	2R:+:54816909-54816944;2R:+:54816909-54816944;2R:+:54816909-54816944	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_80241	EAGGGTLAISVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	64	6.41E-06	2	1472.760	0.33	Male reproductive organs	2R:+:54817609-54817656;2R:+:54817609-54817656;2R:+:54817609-54817656	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_80612	QIHIPGSPFQFTVGPLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	95	1.67E-09	1	1866.030	1.44	Pupa	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP004335-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004335-PA
JHU_Ag_80727	FADHHVTGSPFTVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	84	5.74E-08	1	1542.774	2.56	Male reproductive organs	2R:+:54817083-54817124;2R:+:54817083-54817124;2R:+:54817083-54817124	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_83633	MPTGNIGISFTPR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M1(Oxidation)	79	1.96E-07	2	1406.716	4.62	Malpighian tubule	2R:+:54816729-54816767;2R:+:54816729-54816767;2R:+:54816729-54816767	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_83687	QIHIPGSPFQFTVGPLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	83	2.36E-08	1	1866.038	5.47	Larva	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP004335-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004335-PA
JHU_Ag_87089	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	78	2.48E-07	1	2308.122	5.02	Malpighian tubule	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA

JHU_Ag_87233	MPTGNIGISFTPR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M1(Oxidation)	79	2.18E-07	2	1406.714	3.32	Male reproductive organs	2R:+:54816729-54816767;2R:+:54816729-54816767;2R:+:54816729-54816767	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_88945	FHVDSISSGYVTAYGPGLVHGVTGEPAQFIISTK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	36	0.002216785	1	3534.796	1.57	Head	2R:+:54816190-54816291;2R:+:54816190-54816291;2R:+:54816190-54816291	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_89102	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	69	1.74E-06	1	2308.109	-0.85	Ovary	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_90369	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	36	0.004298646	1	2308.121	4.38	Larva	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_90632	EAGGGTLAISVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	83	7.14E-08	2	1472.760	0.66	Pupa	2R:+:54817609-54817656;2R:+:54817609-54817656;2R:+:54817609-54817656	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_91221	VAMDCTEVEEGYK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	M3(Oxidation), C5(Carbamidomethyl)	53	1.83E-05	2	1546.642	1.19	Head	2R:+:54818393-54818431;2R:+:54818393-54818431;2R:+:54818393-54818431	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_93127	DGSCDVSYVVSEPGDYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C4(Carbamidomethyl)	60	4.31E-06	1	1904.798	0.85	Salivary gland	2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801;2R:+:54817684-54817723,54817791-54817801	exon=> In CDS Exon 3 and 4 of transcript AGAP004335-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP004335-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP004335-PA
JHU_Ag_93602	QIHIPGSPFQFTVGPLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	81	4.13E-08	1	1866.031	1.74	Head	2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518;2R:+:54817383-54817398,54817484-54817518	exon=> In CDS Exon 2 and 3 of transcript AGAP004335-PC;exon=> In CDS Exon 5 and 6 of transcript AGAP004335-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004335-PA

JHU_Ag_95624	KVIVTGNALK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	34	0.000722827	1	1042.660	-1.57	Pupa	2R:+:54816870-54816899;2R:+:54816870-54816899;2R:+:54816870-54816899	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_96273	GAGAGGLQMAVEGPSK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	35	0.004466988	2	1429.713	1.54	Head	2R:+:54816292-54816339;2R:+:54816292-54816339;2R:+:54816292-54816339	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_97038	TGVILPIFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	57	1.23E-06	2	987.626	2.52	Pupa	2R:+:54818615-54818641;2R:+:54818615-54818641;2R:+:54818615-54818641	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_97500	ERGDYILLVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	40	0.000623061	1	1205.686	-2.34	Head	2R:+:54818917-54818946;2R:+:54818917-54818946;2R:+:54818917-54818946	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_98708	NQYTVNYLVR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	62	6.95E-06	1	1269.659	0.57	Pupa	2R:+:54818887-54818916;2R:+:54818887-54818916;2R:+:54818887-54818916	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_100093	FNGVHIPGSPYR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	61	9.97E-06	1	1343.682	-2.42	Male reproductive organs	2R:+:54818201-54818236;2R:+:54818201-54818236;2R:+:54818201-54818236	exon=> In CDS Exon 5 of transcript AGAP004335-PC;exon=> In CDS Exon 8 of transcript AGAP004335-PB;exon=> In CDS Exon 15 of transcript AGAP004335-PA
JHU_Ag_101765	YNGEHVQGSPFK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	79	1.47E-07	1	1362.642	-1.35	Head	2R:+:54816154-54816189;2R:+:54816154-54816189;2R:+:54816154-54816189	exon=> In CDS Exon 1 of transcript AGAP004335-PC;exon=> In CDS Exon 4 of transcript AGAP004335-PB;exon=> In CDS Exon 11 of transcript AGAP004335-PA
JHU_Ag_104355	ADITYHDNKDGTVSVSYLPTAPGEYK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	34	0.005915302	1	2841.366	2.75	Pupa	2R:+:54816340-54816345,54816450-54816521;2R:+:54816340-54816345,54816450-54816521;2R:+:54816340-54816345,54816450-54816521	exon=> In CDS Exon 1 and 2 of transcript AGAP004335-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP004335-PB;exon=> In CDS Exon 11 and 12 of transcript AGAP004335-PA
JHU_Ag_105175	ERGDYILLVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	34	0.002182973	2	1205.694	4.55	Malpighian tubule	2R:+:54818917-54818946;2R:+:54818917-54818946;2R:+:54818917-54818946	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_105564	DDGTLNIAYKPTEPGYYIVNLK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	150	1.26E-14	1	2484.273	3.05	Head	2R:+:54817017-54817082;2R:+:54817017-54817082;2R:+:54817017-54817082	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA

JHU_Ag_105782	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	63	7.72E-06	1	2308.111	0.02	Head	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_107637	EAVPITEVGSQCK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C12(Carbamidomethyl)	67	3.53E-06	2	1417.704	3.04	Malpighian tubule	2R:+:54817176-54817214;2R:+:54817176-54817214;2R:+:54817176-54817214	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_108030	FADHHVTGSPFTVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	87	2.56E-08	1	1542.772	1.49	Visceras	2R:+:54817083-54817124;2R:+:54817083-54817124;2R:+:54817083-54817124	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_110124	VIVTGNALKEGK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	34	0.002170552	2	1228.731	4.15	Malpighian tubule	2R:+:54816873-54816908;2R:+:54816873-54816908;2R:+:54816873-54816908	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_111394	AGGPGLEHGEQGVPAEFNVWTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	95	4.78E-09	1	2308.116	2.4	Visceras	2R:+:54817543-54817608;2R:+:54817543-54817608;2R:+:54817543-54817608	exon=> In CDS Exon 3 of transcript AGAP004335-PC;exon=> In CDS Exon 6 of transcript AGAP004335-PB;exon=> In CDS Exon 13 of transcript AGAP004335-PA
JHU_Ag_111678	GPCDEVFIK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	C3(Carbamidomethyl)	44	0.000611122	1	1064.507	-1.09	Pupa	2R:+:54818848-54818874;2R:+:54818848-54818874;2R:+:54818848-54818874	exon=> In CDS Exon 6 of transcript AGAP004335-PC;exon=> In CDS Exon 9 of transcript AGAP004335-PB;exon=> In CDS Exon 16 of transcript AGAP004335-PA
JHU_Ag_112163	THQDNVFSIDTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	86	3.42E-08	2	1432.680	-0.86	Head	2R:+:54816909-54816944;2R:+:54816909-54816944;2R:+:54816909-54816944	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_113384	VIVTGNALK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	39	0.000668902	2	914.568	1.08	Pupa	2R:+:54816873-54816899;2R:+:54816873-54816899;2R:+:54816873-54816899	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_115061	FADHHVTGSPFTVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	77	2.60E-07	1	1542.776	3.6	Ovary	2R:+:54817083-54817124;2R:+:54817083-54817124;2R:+:54817083-54817124	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_116293	FADHHVTGSPFTVK	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	79	1.61E-07	1	1542.771	0.59	Head	2R:+:54817083-54817124;2R:+:54817083-54817124;2R:+:54817083-54817124	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA
JHU_Ag_117484	THQDNVFSIDTR	AGAP004335-PC,AGAP004335-PB,AGAP004335-PA	-	69	1.62E-06	2	1432.685	2.29	Malpighian tubule	2R:+:54816909-54816944;2R:+:54816909-54816944;2R:+:54816909-54816944	exon=> In CDS Exon 2 of transcript AGAP004335-PC;exon=> In CDS Exon 5 of transcript AGAP004335-PB;exon=> In CDS Exon 12 of transcript AGAP004335-PA

JHU_Ag_101088	RAAEEEAAAAEAIAAAVAEAEAASAK	AGAP004337-PA	-	58	2.41E-05	1	2442.223	4.9	Ovary	2R:-:54824005-54823928	exon=> In CDS Exon 1 of transcript AGAP004337-PA
JHU_Ag_117753	DPLNIK	AGAP004337-PA	-	38	0.000545486	1	699.404	0.73	Salivary gland	2R:-:54824446-54824429	exon=> In CDS Exon 1 of transcript AGAP004337-PA
JHU_Ag_54309	YGLLGLAAYGVFR	AGAP004340-PA	-	86	1.95E-08	2	1399.777	2.75	Ovary	2R:-:54835724-54835686	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_75935	VVGVVGIGHAAGIAK	AGAP004340-PA	-	62	8.22E-07	2	1347.809	-1.68	Midgut	2R:-:54835862-54835818	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_77766	DSTLQLLDSLR	AGAP004340-PA	-	45	0.000577469	1	1260.680	0.6	Ovary	2R:-:54836930-54836898	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_79115	GLSLWQTIK	AGAP004340-PA	-	40	0.000647901	2	1045.606	2.05	Ovary	2R:-:54836114-54836088	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_81671	DSTLQLLDSLR	AGAP004340-PA	-	66	4.32E-06	2	1260.678	-1.24	Male reproductive organs	2R:-:54836930-54836898	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_82071	VEISNIESIITIPPASFGHR	AGAP004340-PA	-	36	0.001560776	1	2180.179	3.59	Ovary	2R:-:54835805-54835746	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_88301	VVGVVGIGHAAGIAK	AGAP004340-PA	-	54	5.34E-06	2	1347.810	-0.23	Salivary gland	2R:-:54835862-54835818	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_111271	DSTLQLLDSLR	AGAP004340-PA	-	65	4.97E-06	2	1260.683	2.54	Malpighian tubule	2R:-:54836930-54836898	exon=> In CDS Exon 2 of transcript AGAP004340-PA
JHU_Ag_32100	RRPYEDANGIDATVAPPAK	AGAP004341-PA	-	72	7.97E-07	1	2041.047	0.27	Head	2R:-:54847566-54848168,54847326-54847431	exon=> In CDS Exon 11 and 10 of transcript AGAP004341-PA
JHU_Ag_78832	HIAPDTSAASAGASGAAITSAVGGHPVEQLR	AGAP004345-PA	-	64	4.77E-06	1	2899.469	1.17	Head	2R:-:54921859-54921767	exon=> In CDS Exon 4 of transcript AGAP004345-PA
JHU_Ag_2993	LNLSQINDAVKNK	AGAP004348-PA	N2(Deamidated), Q5(Deamidated), N12(Deamidated),"N2(Deamidated), Q5(Deamidated), N7(Deamidated)"	33	0.006925478	1	1459.775	7.39	Head	2R:+:54930195-54930233	exon=> In CDS Exon 2 of transcript AGAP004348-PA
JHU_Ag_16531	KVNALNAIQETEGRPSTPTVGR	AGAP004348-PA	-	94	2.86E-09	1	2338.250	1.02	Ovary	2R:+:54928281-54928346	exon=> In CDS Exon 2 of transcript AGAP004348-PA
JHU_Ag_18191	SASDGLVQEVEK	AGAP004348-PA	-	51	0.000165959	2	1261.632	4.18	Ovary	2R:+:54932479-54932514	exon=> In CDS Exon 3 of transcript AGAP004348-PA
JHU_Ag_25506	ASSFEEAQTNSVGAK	AGAP004348-PA	-	40	0.001252018	2	1525.714	0.78	Male reproductive organs	2R:+:54932617-54932661	exon=> In CDS Exon 3 of transcript AGAP004348-PA
JHU_Ag_34663	ASSFEEAQTNSVGAK	AGAP004348-PA	-	50	0.000127617	1	1525.719	3.91	Ovary	2R:+:54932617-54932661	exon=> In CDS Exon 3 of transcript AGAP004348-PA
JHU_Ag_36986	EVVIVVNDLR	AGAP004348-PA	-	38	0.00067044	2	1155.678	3.91	Ovary	2R:+:54929037-54929066	exon=> In CDS Exon 2 of transcript AGAP004348-PA
JHU_Ag_53295	ALEDYDLANILSR	AGAP004348-PA	-	77	3.23E-07	2	1492.769	2.99	Visceras	2R:+:54931362-54931400	exon=> In CDS Exon 2 of transcript AGAP004348-PA
JHU_Ag_54684	VDPSTTEQSVLNFK	AGAP004348-PA	-	97	3.59E-09	1	1564.793	4.56	Ovary	2R:+:54933535-54933576	exon=> In CDS Exon 3 of transcript AGAP004348-PA
JHU_Ag_59963	IESGGFFEENVTPDK	AGAP004348-PA	-	62	9.18E-06	2	1668.780	3.04	Ovary	2R:+:54933082-54933126	exon=> In CDS Exon 3 of transcript AGAP004348-PA
JHU_Ag_79125	ALEDYDLANILSR	AGAP004348-PA	-	79	1.80E-07	2	1492.766	1.19	Ovary	2R:+:54931362-54931400	exon=> In CDS Exon 2 of transcript AGAP004348-PA
JHU_Ag_94527	DDTIIEEDASDDR	AGAP004348-PA	-	52	3.10E-05	2	1493.625	0.94	Head	2R:+:54928713-54928751	exon=> In CDS Exon 2 of transcript AGAP004348-PA
JHU_Ag_113095	DTGAALHSATK	AGAP004348-PA	-	67	1.88E-06	1	1071.544	1.08	Ovary	2R:+:54930366-54930398	exon=> In CDS Exon 2 of transcript AGAP004348-PA
JHU_Ag_11546	NENGANNVSVMGDQLNIDRAR	AGAP004349-PA	M11(Oxidation)	57	3.51E-05	1	2303.089	4.01	Malpighian tubule	2R:-:54936468-54936406	exon=> In CDS Exon 2 of transcript AGAP004349-PA

JHU_Ag_17267	ARNENGANNVSVMGDQLNIDR	AGAP004349-PA	M13(Oxidation)	69	1.83E-06	1	2287.080	-2	Head	2R:-:54936474-54936412	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_26708	NENGANNVSVMGDQLNIDR	AGAP004349-PA	M11(Oxidation),"N6(Deamidated), M11(Oxidation)",N6(Deamidated),"N3(Deamidated), M11(Oxidation)",N7(Deamidated),N1(Deamidated),N3(Deamidated)	161	1.21E-15	1	2059.956	4.54	Malpighian tubule	2R:-:54936468-54936412	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_34826	ARNENGANNVSVMGDQLNIDR	AGAP004349-PA	M13(Oxidation)	99	1.90E-09	1	2303.083	1.63	Malpighian tubule	2R:-:54936474-54936412	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_37055	GYGGGGGGGGGGGDSYSYDR	AGAP004349-PA	-	149	1.53E-15	1	1752.687	1.38	Ovary	2R:-:54937919-54937860	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_43104	GYGGGGGGGGGGGDSYSYDRER	AGAP004349-PA	-	110	2.79E-11	1	2037.828	-0.13	Ovary	2R:-:54937919-54937854	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_46165	VSVQIDK	AGAP004349-PA	-	55	5.72E-05	2	788.452	0.39	Ovary	2R:-:54937556-54937955,54936322-54936475	exon=> In CDS Exon 2 and 1 of transcript AGAP004349-PA
JHU_Ag_47170	NGGGGGGYR	AGAP004349-PA	-	47	0.000151461	2	794.354	0.41	Malpighian tubule	2R:-:54937817-54937791	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_48189	NENGANNVSVMGDQLNIDR	AGAP004349-PA	N1(Deamidated), M11(Oxidation),M11(Oxidation),"N3(Deamidated), M11(Oxidation)"	164	4.54E-16	1	2075.943	0.96	Ovary	2R:-:54936468-54936412	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_49133	TEVFEVEADK	AGAP004349-PA	-	75	4.59E-07	1	1166.560	1.61	Ovary	2R:-:54937646-54937617	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_52111	TEVFEVEADKVK	AGAP004349-PA	-	43	0.000686248	1	1393.721	0.25	Midgut	2R:-:54937646-54937611	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_52460	VSVQIDKAR	AGAP004349-PA	-	54	4.84E-05	2	1015.590	0.12	Malpighian tubule	2R:-:54937556-54937955,54936322-54936469	exon=> In CDS Exon 2 and 1 of transcript AGAP004349-PA
JHU_Ag_56324	TEVFEVEADKVK	AGAP004349-PA	-	84	5.83E-08	1	1393.720	-0.71	Salivary gland	2R:-:54937646-54937611	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_57462	NENGANNVSVMGDQLNIDR	AGAP004349-PA	-	153	6.35E-15	1	2059.950	1.58	Salivary gland	2R:-:54936468-54936412	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_60188	VSVQIDK	AGAP004349-PA	-	38	0.003145323	2	788.451	-0.54	Salivary gland	2R:-:54937556-54937955,54936322-54936475	exon=> In CDS Exon 2 and 1 of transcript AGAP004349-PA
JHU_Ag_61985	TEVFEVEADKVK	AGAP004349-PA	-	83	6.95E-08	1	1393.724	1.83	Visceras	2R:-:54937646-54937611	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_64522	NENGANNVSVMGDQLNIDR	AGAP004349-PA	M11(Oxidation)	115	3.17E-11	2	2075.933	-3.98	Head	2R:-:54936468-54936412	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_65205	TEVFEVEADKVK	AGAP004349-PA	-	84	4.94E-08	1	1393.725	2.97	Malpighian tubule	2R:-:54937646-54937611	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_67623	DMINTIINDDRR	AGAP004349-PA	-	71	1.22E-06	1	1475.730	1.68	Head	2R:-:54936405-54936370	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_70228	VSVQIDK	AGAP004349-PA	-	52	0.000138888	1	788.452	0.54	Visceras	2R:-:54937556-54937955,54936322-54936475	exon=> In CDS Exon 2 and 1 of transcript AGAP004349-PA
JHU_Ag_84096	IREIQDR	AGAP004349-PA	-	44	0.000606777	1	929.517	0.19	Malpighian tubule	2R:-:54937583-54937563	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_85657	GPPRIDPATAK	AGAP004349-PA	-	35	0.002338755	1	1122.627	0.41	Malpighian tubule	2R:-:54937679-54937647	exon=> In CDS Exon 1 of transcript AGAP004349-PA

JHU_Ag_92788	TEVFEVEADKVK	AGAP004349-PA	-	86	3.76E-08	1	1393.719	-1.15	Ovary	2R:-:54937646-54937611	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_93545	GYGGGGGGGGGGDSYSYDR	AGAP004349-PA	-	40	0.000126803	2	1752.688	1.73	Viscera	2R:-:54937919-54937860	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_96043	DMINTIINDDR	AGAP004349-PA	M2(Oxidation)	89	1.87E-08	1	1335.622	0.4	Ovary	2R:-:54936405-54936373	exon=> In CDS Exon 2 of transcript AGAP004349-PA
JHU_Ag_96758	TEVFEVEADKVK	AGAP004349-PA	-	40	0.001466177	2	1393.720	-0.98	Head	2R:-:54937646-54937611	exon=> In CDS Exon 1 of transcript AGAP004349-PA
JHU_Ag_105820	VSVQIDK	AGAP004349-PA	-	44	0.000866484	1	788.452	1.49	Malpighian tubule	2R:-:54937556-54937955,54936322-54936475	exon=> In CDS Exon 2 and 1 of transcript AGAP004349-PA
JHU_Ag_8622	AQINVVR	AGAP004351-PA	-	32	0.002806066	1	799.481	3.13	Ovary	2R:+:54944618-54944638	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_20253	GLDIEDITHVVNYDFPR	AGAP004351-PA	-	71	1.31E-06	2	2002.999	6.05	Malpighian tubule	2R:+:54945197-54945247	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_22100	RAQINVVR	AGAP004351-PA	-	35	0.001812853	2	955.582	2.32	Malpighian tubule	2R:+:54944615-54944638	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_23492	NYNDFYGSSDR	AGAP004351-PA	-	64	1.53E-06	2	1337.544	3.59	Malpighian tubule	2R:+:54943931-54943963	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_24714	ILIATDVASR	AGAP004351-PA	-	68	1.29E-06	2	1058.623	2.46	Ovary	2R:+:54945167-54945196	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_25111	TLAFLLPALIHIEGQPIPR	AGAP004351-PA	-	92	4.55E-10	1	2099.246	3.74	Ovary	2R:+:54944426-54944482	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_26852	EQSDREQALEDIK	AGAP004351-PA	-	51	0.000134404	2	1560.755	3.34	Ovary	2R:+:54945113-54945151	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_29629	ILIATDVASR	AGAP004351-PA	-	67	1.81E-06	2	1058.625	3.96	Malpighian tubule	2R:+:54945167-54945196	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_30125	KPIPNPVSEFHQAFGEYPDLMEELRK	AGAP004351-PA	M21(Oxidation)	45	0.000389034	1	3087.536	3.55	Malpighian tubule	2R:+:54944249-54944326	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_30295	INEFVR	AGAP004351-PA	-	37	0.00297295	2	777.428	3.77	Ovary	2R:+:54944978-54944995	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_40042	TRADDLSSEFILSNISCQAIHGNR	AGAP004351-PA	C17(Carbamidomethyl)	108	2.52E-10	1	2704.324	5	Ovary	2R:+:54945041-54945112	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_47334	EANNNIVVER	AGAP004351-PA	-	68	1.61E-06	2	1157.595	3.7	Malpighian tubule	2R:+:54944189-54944218	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_51512	GLDIEDITHVVNYDFPR	AGAP004351-PA	-	46	0.000463628	3	2002.986	-0.7	Male reproductive organs	2R:+:54945197-54945247	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_56325	VLLDVRPDR	AGAP004351-PA	-	29	0.005154808	1	1082.636	3.82	Malpighian tubule	2R:+:54944786-54944812	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_63006	EHTASHGDSIR	AGAP004351-PA	-	69	1.34E-06	1	1209.561	0.39	Ovary	2R:+:54943448-54943480	exon=> In CDS Exon 1 of transcript AGAP004351-PA
JHU_Ag_73285	IDVDHDRSASEMGTVTISGDPESVEAAR	AGAP004351-PA	M12(Oxidation)	63	6.15E-06	1	2960.374	6.66	Malpighian tubule	2R:+:54943568-54943577,54943647-54943720	exon=> In CDS Exon 1 and 2 of transcript AGAP004351-PA
JHU_Ag_74634	INEFVR	AGAP004351-PA	-	43	0.000865759	2	777.428	3.14	Malpighian tubule	2R:+:54944978-54944995	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_75130	ADDLSSEFILSNISCQAIHGNR	AGAP004351-PA	C15(Carbamidomethyl)	94	6.46E-09	1	2447.170	3.15	Ovary	2R:+:54945047-54945112	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_77902	GLDIEDITHVVNYDFPR	AGAP004351-PA	-	108	2.87E-10	1	2002.989	0.86	Ovary	2R:+:54945197-54945247	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_78023	KPIPNPVSEFHQAFGEYPDLMEELRK	AGAP004351-PA	M21(Oxidation)	150	1.13E-14	1	3087.536	3.79	Ovary	2R:+:54944249-54944326	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_81456	GLDIEDITHVVNYDFPR	AGAP004351-PA	-	52	0.000109282	1	2002.992	2.32	Head	2R:+:54945197-54945247	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_86424	EHTASHGDSIRIEVR	AGAP004351-PA	-	39	0.001880772	1	1706.864	3.87	Malpighian tubule	2R:+:54943448-54943492	exon=> In CDS Exon 1 of transcript AGAP004351-PA

JHU_Ag_86474	YSSHSHADAYATSDEIIDWASLNK	AGAP004351-PA	-	130	1.23E-12	1	2681.219	2.81	Ovary	2R:+:54944000-54944071	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_87265	KAVYEIMNSSDSSRPPR	AGAP004351-PA	M7(Oxidation)	70	1.78E-06	1	1952.955	2.67	Malpighian tubule	2R:+:54943721-54943771	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_87963	GEDLIGIAQTGTGK	AGAP004351-PA	-	72	7.84E-07	1	1359.716	3.38	Ovary	2R:+:54944384-54944425	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_94690	ADDLSSEFILSNISCQAIHGNR	AGAP004351-PA	C15(Carbamidomethyl)	94	5.73E-09	1	2447.178	6.59	Malpighian tubule	2R:+:54945047-54945112	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_99527	NIEEYVHR	AGAP004351-PA	-	38	0.002022 02	2	1059.527	4.81	Malpighian tubule	2R:+:54945248-54945271	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_110567	GGPNVLVLAPTR	AGAP004351-PA	-	33	0.001472 821	2	1193.704	3.25	Malpighian tubule	2R:+:54944492-54944527	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_111417	TLAFLLPALIHIEGQPIPR	AGAP004351-PA	-	46	9.44E-06	1	2099.250	5.95	Malpighian tubule	2R:+:54944426-54944482	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_114442	FTTPTPIQAQAWPILLR	AGAP004351-PA	-	83	1.44E-08	1	1953.098	1.38	Ovary	2R:+:54944333-54944383	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_115957	TGISLSFMTR	AGAP004351-PA	M8(Oxidation)	40	0.001141 053	2	1128.577	4.76	Ovary	2R:+:54945299-54945328	exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_1293	VDAVQIEINPLAETDDGR	AGAP004352-PB	-	66	3.56E-06	2	1954.980	4.43	Midgut	2R:-:54946882-54946829	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_4739	LLEESGVAIQNFR	AGAP004352-PB	-	55	3.97E-05	2	1475.789	2.14	Visceras	2R:-:54947604-54947566	exon=> In CDS Exon 2 of transcript AGAP004352-PB
JHU_Ag_5350	AEVIPLVEK	AGAP004352-PB	-	36	0.001156 143	2	997.593	0.49	Male reproductive organs	2R:-:54947254-54947228	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_8738	DGILVKK	AGAP004352-PB	-	31	0.003446 355	1	772.495	3.29	Ovary	2R:-:54947188-54947168	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_18485	NRAEVIPLVEK	AGAP004352-PB	-	51	2.74E-05	1	1267.732	-4.19	Head	2R:-:54947340-54947438,54946286-54947228	exon=> In CDS Exon 4 and 3 of transcript AGAP004352-PB
JHU_Ag_28018	DADVLKDFDVNEYVVK	AGAP004352-PB	-	67	2.91E-06	1	1868.933	2.78	Midgut	2R:-:54947547-54947658,54947339-54947416	exon=> In CDS Exon 3 and 2 of transcript AGAP004352-PB
JHU_Ag_29679	TMNLQVPLIVR	AGAP004352-PB	M2(Oxidation)	60	1.07E-05	2	1299.745	-0.64	Ovary	2R:-:54946441-54946409	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_36033	AFQILTSDTNVK	AGAP004352-PB	-	59	1.34E-05	2	1336.710	-0.84	Male reproductive organs	2R:-:54946552-54946517	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_38781	LNGGSPANFLDVGGNVK	AGAP004352-PB	-	101	1.11E-09	1	1658.852	1.49	Head	2R:-:54946621-54946571	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_39302	TMNLQVPLIVR	AGAP004352-PB	M2(Oxidation)	47	0.000153 342	1	1299.749	2.83	Midgut	2R:-:54946441-54946409	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_39650	AFQILTSDTNVK	AGAP004352-PB	-	73	6.59E-07	2	1336.711	-0.2	Midgut	2R:-:54946552-54946517	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_43874	ETYLSIVMDR	AGAP004352-PB	M8(Oxidation)	46	0.000276 944	2	1242.602	-0.94	Male reproductive organs	2R:-:54947134-54947105	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_44766	LLEESGVAIQNFR	AGAP004352-PB	-	83	6.30E-08	2	1475.788	2.06	Salivary gland	2R:-:54947604-54947566	exon=> In CDS Exon 2 of transcript AGAP004352-PB
JHU_Ag_51953	AFQILTSDTNVK	AGAP004352-PB	-	58	1.94E-05	2	1336.716	3.73	Ovary	2R:-:54946552-54946517	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_55274	KLLEESGVAIQNFR	AGAP004352-PB	-	83	3.76E-08	2	1603.880	-0.47	Malpighian tubule	2R:-:54947607-54947566	exon=> In CDS Exon 2 of transcript AGAP004352-PB
JHU_Ag_56067	NRAEVIPLVEK	AGAP004352-PB	-	44	0.000107 729	1	1267.740	2.74	Malpighian tubule	2R:-:54947340-54947438,54946286-54947228	exon=> In CDS Exon 4 and 3 of transcript AGAP004352-PB
JHU_Ag_59416	TMNLQVPLIVR	AGAP004352-PB	-	34	0.002298 231	2	1283.755	3.38	Malpighian tubule	2R:-:54946441-54946409	exon=> In CDS Exon 4 of transcript AGAP004352-PB

JHU_Ag_62975	TIPIDITSGISR	AGAP004352-PB	-	39	0.001378523	2	1272.717	0.88	Ovary	2R:-:54947017-54946982	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_64355	LNFDDNAQFR	AGAP004352-PB	-	64	4.74E-06	1	1239.577	1.21	Salivary gland	2R:-:54946807-54946778	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_70593	LNGGSPANFLDVGGNVKEDQVLK	AGAP004352-PB	-	59	1.37E-05	1	2371.234	3.62	Ovary	2R:-:54946621-54946553	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_73840	AFQILTSDTNVK	AGAP004352-PB	-	41	0.001012923	2	1336.715	3.45	Malpighian tubule	2R:-:54946552-54946517	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_74628	LNFDDNAQFR	AGAP004352-PB	-	64	4.54E-06	1	1239.577	1.6	Malpighian tubule	2R:-:54946807-54946778	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_76850	DADVLKDFDVNEYVVK	AGAP004352-PB	-	79	1.88E-07	1	1868.929	0.45	Ovary	2R:-:54947547-54947658,54947339-54947416	exon=> In CDS Exon 3 and 2 of transcript AGAP004352-PB
JHU_Ag_88607	AFQILTSDTNVK	AGAP004352-PB	-	69	1.54E-06	2	1336.714	2.09	Salivary gland	2R:-:54946552-54946517	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_93405	TMNLQVPLIVR	AGAP004352-PB	M2(Oxidation)	68	1.27E-06	1	1299.748	1.8	Salivary gland	2R:-:54946441-54946409	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_94923	LNFDDNAQFR	AGAP004352-PB	-	47	0.000226163	2	1239.578	1.8	Ovary	2R:-:54946807-54946778	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_96967	EHNGPVLIASPDGGMDIEAVAEETPNR	AGAP004352-PB	M15(Oxidation)	93	7.51E-09	1	2834.320	-2.18	Head	2R:-:54947104-54947024	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_98091	DFDVNEYVVK	AGAP004352-PB	-	43	0.000500487	2	1227.588	-1.26	Head	2R:-:54947529-54947658,54947339-54947416	exon=> In CDS Exon 3 and 2 of transcript AGAP004352-PB
JHU_Ag_100216	ETYLSIVMDR	AGAP004352-PB	M8(Oxidation)	40	0.001205414	2	1242.604	0.63	Ovary	2R:-:54947134-54947105	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_104799	LNFDDNAQFR	AGAP004352-PB	-	49	0.000151516	1	1239.574	-1.15	Male reproductive organs	2R:-:54946807-54946778	exon=> In CDS Exon 4 of transcript AGAP004352-PB
JHU_Ag_108017	LLEESGVAIQNFR	AGAP004352-PB	-	84	5.50E-08	2	1475.784	-0.84	Midgut	2R:-:54947604-54947566	exon=> In CDS Exon 2 of transcript AGAP004352-PB
JHU_Ag_111273	KLLEESGVAIQNFR	AGAP004352-PB	-	37	0.001159193	2	1603.887	4.33	Ovary	2R:-:54947607-54947566	exon=> In CDS Exon 2 of transcript AGAP004352-PB
JHU_Ag_55461	RIPDVVLFPTSHEQVEQIVQSANK	AGAP004358-PA	-	91	4.47E-09	1	2734.464	4.28	Head	2R:-:55032649-55032578	exon=> In CDS Exon 3 of transcript AGAP004358-PA
JHU_Ag_55654	LIDNEQFVFGQALK	AGAP004358-PA	-	40	0.000878664	2	1621.863	2.9	Head	2R:-:55032001-55031960	exon=> In CDS Exon 3 of transcript AGAP004358-PA
JHU_Ag_75301	IAIATLLFEGHDAQVK	AGAP004358-PA	-	60	7.99E-06	1	1725.953	-0.36	Midgut	2R:-:55031875-55031828	exon=> In CDS Exon 3 of transcript AGAP004358-PA
JHU_Ag_5640	ESNYHLLESVQASLER	AGAP004362-PB	-	108	2.49E-10	1	1874.928	2.03	Salivary gland	2R:-:55060387-55060570,55056306-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_8667	ESNYHLLESVQASLER	AGAP004362-PB	Q11(Deamidated)	129	1.94E-12	1	1874.931	3.66	Head	2R:-:55060387-55060570,55056306-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_10685	ESNYHLLESVQASLERR	AGAP004362-PB	-	84	5.62E-08	1	2031.029	1.9	Malpighian tubule	2R:-:55060387-55060570,55056306-55056549	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_14023	ESNYHLLESVQASLER	AGAP004362-PB	-	90	1.65E-08	1	1874.926	1.12	Male reproductive organs	2R:-:55060387-55060570,55056306-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_17929	ESNYHLLESVQASLER	AGAP004362-PB	-	109	1.91E-10	1	1874.927	1.25	Midgut	2R:-:55060387-55060570,55056306-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_42487	ESNYHLLESVQASLER	AGAP004362-PB	-	126	3.75E-12	1	1874.933	4.63	Ovary	2R:-:55060387-55060570,55056306-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB

JHU_Ag_47965	ESNYHLLESVQASLERR	AGAP004362-PB	-	63	7.83E-06	1	2031.033	3.68	Ovary	2R:-:55060387-55060570,550563 06-55056549	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_51826	ESNYHLLESVQASLER	AGAP004362-PB	-	48	0.000253 356	2	1874.935	5.61	Larva	2R:-:55060387-55060570,550563 06-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_54728	ESNYHLLESVQASLER	AGAP004362-PB	-	113	8.00E-11	1	1874.930	3.14	Visceras	2R:-:55060387-55060570,550563 06-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_94793	ESNYHLLESVQASLER	AGAP004362-PB	-	137	3.24E-13	1	1874.926	0.92	Malpighian tubule	2R:-:55060387-55060570,550563 06-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_108047	ESNYHLLESVQASLER	AGAP004362-PB	-	83	8.05E-08	1	1874.929	2.55	Pupa	2R:-:55060387-55060570,550563 06-55056552	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PB
JHU_Ag_3473	IPVTPSEAFQKR	AGAP004362-PB,AGAP004362-PA	-	44	0.000404 607	1	1372.761	2.19	Head	2R:-:55056527-55056492;2R:-:55056527-55056492	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_7153	FGNVGGKIPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	56	2.46E-05	1	1876.000	1.67	Ovary	2R:-:55056548-55056495;2R:-:55056548-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_11801	FGNVGGK	AGAP004362-PB,AGAP004362-PA	-	37	0.003325 398	1	678.357	-0.27	Midgut	2R:-:55056548-55056528;2R:-:55056548-55056528	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_17577	SAAYVNSIEK	AGAP004362-PB,AGAP004362-PA	-	63	6.14E-06	1	1081.553	0.31	Salivary gland	2R:-:55056374-55056345;2R:-:55056374-55056345	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_21287	RFGNVGGK	AGAP004362-PB,AGAP004362-PA	-	36	0.002886 354	2	834.458	0.08	Ovary	2R:-:55056551-55056528;2R:-:55056551-55056528	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_25464	SAAYVNSIEK	AGAP004362-PB,AGAP004362-PA	N6(Deamidated)	56	3.03E-05	1	1081.553	0.49	Midgut	2R:-:55056374-55056345;2R:-:55056374-55056345	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_25863	TAMKYNLGLDLR	AGAP004362-PB,AGAP004362-PA	M3(Oxidation)	45	0.000310 037	2	1410.744	1.81	Ovary	2R:-:55056410-55056375;2R:-:55056410-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_27240	IPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	67	3.39E-06	1	1216.653	-3.91	Midgut	2R:-:55056527-55056495;2R:-:55056527-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_30042	IPVTPSEAFQKR	AGAP004362-PB,AGAP004362-PA	-	56	2.27E-05	1	1372.757	-0.74	Midgut	2R:-:55056527-55056492;2R:-:55056527-55056492	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_31210	TAMKYNLGLDLR	AGAP004362-PB,AGAP004362-PA	M3(Oxidation)	42	0.000819 82	3	1410.743	1.22	Head	2R:-:55056410-55056375;2R:-:55056410-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA

JHU_Ag_32184	TAMKYNLGLDLR	AGAP004362-PB,AGAP004362-PA	M3(Oxidation)	76	2.27E-07	1	1394.750	2.91	Malpighian tubule	2R:-:55056410-55056375;2R:-:55056410-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_33166	SAAYVNSIEK	AGAP004362-PB,AGAP004362-PA	-	36	0.002588188	1	1081.551	-1.27	Pupa	2R:-:55056374-55056345;2R:-:55056374-55056345	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_33536	RFGNVGGK	AGAP004362-PB,AGAP004362-PA	-	44	0.000428894	2	834.458	-0.14	Midgut	2R:-:55056551-55056528;2R:-:55056551-55056528	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_37358	IPVTPSEAFQKR	AGAP004362-PB,AGAP004362-PA	-	75	3.58E-07	1	1372.761	1.93	Malpighian tubule	2R:-:55056527-55056492;2R:-:55056527-55056492	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_53761	SAAYVNSIEK	AGAP004362-PB,AGAP004362-PA	N6(Deamidated)	65	3.60E-06	1	1081.554	1.43	Malpighian tubule	2R:-:55056374-55056345;2R:-:55056374-55056345	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_57050	IPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	75	5.00E-07	1	1216.660	2.31	Ovary	2R:-:55056527-55056495;2R:-:55056527-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_59807	IPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	63	7.58E-06	1	1216.657	-0.6	Salivary gland	2R:-:55056527-55056495;2R:-:55056527-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_64969	IPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	71	1.31E-06	1	1216.657	-0.3	Pupa	2R:-:55056527-55056495;2R:-:55056527-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_69427	SAAYVNSIEKIFQTYR	AGAP004362-PB,AGAP004362-PA	-	110	1.64E-10	1	1889.980	2.51	Malpighian tubule	2R:-:55056374-55056327;2R:-:55056374-55056327	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_69684	IPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	81	1.26E-07	1	1216.657	-0.1	Malpighian tubule	2R:-:55056527-55056495;2R:-:55056527-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_77313	IPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	65	4.89E-06	1	1216.660	1.91	Head	2R:-:55056527-55056495;2R:-:55056527-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_85226	RFGNVGGK	AGAP004362-PB,AGAP004362-PA	-	49	0.000145663	1	834.458	0.01	Malpighian tubule	2R:-:55056551-55056528;2R:-:55056551-55056528	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_89917	FGNVGGKIPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	100	1.11E-09	1	1876.002	2.84	Malpighian tubule	2R:-:55056548-55056495;2R:-:55056548-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_96771	IPVTPSEAFQKR	AGAP004362-PB,AGAP004362-PA	-	59	1.40E-05	1	1372.761	2.01	Ovary	2R:-:55056527-55056492;2R:-:55056527-55056492	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA

JHU_Ag_101768	SAAYVNSIEK	AGAP004362-PB,AGAP004362-PA	-	47	0.000263576	1	1081.554	1.39	Head	2R:-:55056374-55056345;2R:-:55056374-55056345	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_105793	FGNVGGK	AGAP004362-PB,AGAP004362-PA	-	36	0.003678675	1	678.358	0.81	Ovary	2R:-:55056548-55056528;2R:-:55056548-55056528	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_107788	SAAYVNSIEK	AGAP004362-PB,AGAP004362-PA	-	52	7.75E-05	1	1081.552	-0.87	Ovary	2R:-:55056374-55056345;2R:-:55056374-55056345	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_109572	RFGNVGGK	AGAP004362-PB,AGAP004362-PA	-	49	0.000147689	1	834.458	-0.58	Head	2R:-:55056551-55056528;2R:-:55056551-55056528	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_114599	IPVTPSEAFQK	AGAP004362-PB,AGAP004362-PA	-	56	4.24E-05	2	1216.657	-0.3	Male reproductive organs	2R:-:55056527-55056495;2R:-:55056527-55056495	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_903	IFQTYR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	31	0.007376036	1	827.441	0.51	Midgut	2R:-:55056344-55056327;2R:-:55058510-55058493;2R:-:55058510-55058493;2R:-:55056344-55056327	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_2246	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	116	4.23E-11	1	2208.063	1.32	Visceras	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_14025	IFQTYR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	33	0.004313433	1	827.441	-0.23	Pupa	2R:-:55056344-55056327;2R:-:55058510-55058493;2R:-:55058510-55058493;2R:-:55056344-55056327	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_17619	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	62	8.61E-06	1	2224.055	-0.21	Salivary gland	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA

JHU_Ag_21073	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	105	4.38E-10	1	1551.710	-0.3	Malpighian tubule	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_23568	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	68	2.45E-06	2	963.527	1.67	Malpighian tubule	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_25391	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	90	1.41E-08	1	1551.710	-0.3	Male reproductive organs	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_29065	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	135	4.47E-13	1	2224.058	1.35	Ovary	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_29944	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	74	5.84E-07	2	963.527	0.79	Visceras	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_33163	IFQTYR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	41	0.000683097	2	827.438	-3.47	Head	2R:-:55056344-55056327;2R:-:55058510-55058493;2R:-:55058510-55058493;2R:-:55056344-55056327	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_37106	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	158	2.95E-15	1	2208.064	1.83	Malpighian tubule	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA

JHU_Ag_38063	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	89	1.69E-08	1	1535.718	1.07	Salivary gland	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_39521	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	65	4.94E-06	1	2224.062	2.91	Head	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_44096	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	71	1.13E-06	2	963.526	-0.35	Salivary gland	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_57332	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	63	8.08E-06	1	2224.057	1.02	Pupa	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_66026	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	101	1.15E-09	1	1551.715	2.92	Ovary	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_78004	IFQTYR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	34	0.003629301	1	827.441	0.51	Ovary	2R:-:55056344-55056327;2R:-:55058510-55058493;2R:-:55058510-55058493;2R:-:55056344-55056327	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_81757	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	68	2.18E-06	2	963.529	3.26	Head	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA

JHU_Ag_88684	IFQTYR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	37	0.001647491	1	827.441	-0.08	Malpighian tubule	2R:-:55056344-55056327;2R:-:55058510-55058493;2R:-:55058510-55058493;2R:-:55056344-55056327	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_94370	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	101	1.12E-09	1	1551.712	0.8	Pupa	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_98883	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	66	3.59E-06	2	963.525	-0.99	Male reproductive organs	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_102048	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	95	4.19E-09	1	1551.708	-2.03	Visceras	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_105285	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	62	8.91E-06	2	963.526	0.28	Ovary	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_107917	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	155	4.62E-15	1	2224.053	-1.04	Midgut	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_111469	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	52	9.04E-05	1	1551.717	3.94	Larva	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA

JHU_Ag_112376	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	101	1.14E-09	1	1551.714	1.82	Head	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_112915	DIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M11(Oxidation)	106	3.44E-10	1	1551.711	-0.23	Midgut	2R:-:55056470-55056432;2R:-:55058636-55058598;2R:-:55058636-55058598;2R:-:55056470-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_114557	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	67	2.69E-06	2	963.526	-0.1	Midgut	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_115101	YNLGLDLR	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	74	6.19E-07	2	963.529	2.81	Pupa	2R:-:55056398-55056375;2R:-:55058564-55058541;2R:-:55058564-55058541;2R:-:55056398-55056375	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_115523	ISGASEKDIVHSGLDYTMER	AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation)	40	0.001398593	1	2224.074	8.35	Larva	2R:-:55056491-55056432;2R:-:55058657-55058598;2R:-:55058657-55058598;2R:-:55056491-55056432	exon=> In CDS Exon 5 of transcript AGAP004362-PB;exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD;exon=> In CDS Exon 6 of transcript AGAP004362-PA
JHU_Ag_72	NLNHVSYGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N3(Deamidated)	43	0.000681061	1	1060.518	0.54	Pupa	2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_167	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	78	2.02E-07	1	1171.644	1.02	Malpighian tubule	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_296	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	94	6.67E-09	2	1780.839	3.6	Ovary	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_892	GVFHGLDNFIKEANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M16(Oxidation)	135	3.98E-13	1	3024.473	2.01	Malpighian tubule	2R:-:55061103-55061020;2R:-:55061103-55061020;2R:-:55061103-55061020;2R:-:55061103-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_964	LTFKYER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	42	0.000498125	1	956.525	5.66	Male reproductive organs	2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_1059	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	115	1.30E-11	1	1422.585	0.63	Malpighian tubule	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_1393	GILMLMQPCDHIIEIAFPLRR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation), C9(Carbamidomethyl),"M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)"	90	6.14E-09	1	2555.339	3.5	Head	2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_4921	KYSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	56	4.20E-05	1	1162.573	-0.53	Head	2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_5809	TFIVQGFGNVGLHSCR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C15(Carbamidomethyl)	108	2.79E-10	1	1791.898	1.26	Male reproductive organs	2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_6086	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	59	1.53E-05	1	1294.666	1.54	Head	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_6856	GILMLMQPCDHIIEIAFPLRR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation), C9(Carbamidomethyl),"M6(Oxidation), C9(Carbamidomethyl)","M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)",C9(Carbamidomethyl)	83	3.11E-08	1	2539.345	3.93	Visceras	2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_7940	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	59	1.10E-05	1	1330.599	0.42	Head	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_9090	CACVDVPFGGAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	51	8.96E-05	1	1280.576	-0.52	Pupa	2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_9789	GILMLMQPCDHIIEIAFPLR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation), C9(Carbamidomethyl),"M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)"	77	2.54E-07	1	2399.229	0.09	Malpighian tubule	2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_9976	CACVDVPFGGAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	70	9.94E-07	1	1280.576	-0.14	Malpighian tubule	2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_9977	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	122	6.79E-12	1	1539.804	1.53	Visceras	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_10068	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	42	0.000550074	2	1330.600	0.92	Pupa	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_10138	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	36	0.001532911	1	963.562	0.19	Pupa	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_10204	KYSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	60	1.61E-05	1	1162.573	-1.06	Malpighian tubule	2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_10246	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	92	6.67E-09	1	1553.695	4.49	Malpighian tubule	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_10258	IIAEAANGPTTPAADKILIDR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	70	4.96E-07	1	2150.177	-1.96	Midgut	2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_11563	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	91	1.40E-08	1	1901.905	-0.91	Ovary	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_11575	VITAENAGKINAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	102	5.35E-10	1	1328.754	0.48	Malpighian tubule	2R:-:55060687-55060649;2R:-:55060687-55060649;2R:-:55060687-55060649;2R:-:55060687-55060649	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_11705	VITAENAGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	46	0.000669602	1	902.494	-0.22	Midgut	2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_11824	AQHCTHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C4(Carbamidomethyl)	33	0.003954485	1	909.412	1.42	Midgut	2R:-:55066488-55066468;2R:-:55066488-55066468;2R:-:55066488-55066468;2R:-:55066488-55066468	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_11868	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	87	2.00E-08	1	1553.696	5.11	Larva	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_12999	KYSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	57	3.40E-05	1	1162.575	0.52	Ovary	2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_13319	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	99	1.29E-09	1	1553.687	-0.69	Midgut	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_14192	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	73	4.95E-07	1	1537.697	2.66	Visceras	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_14447	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	48	8.63E-05	1	963.563	0.95	Malpighian tubule	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_15023	GILMLMQPCDHIIEIAFPLRR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)	40	0.00060979	1	2555.339	3.57	Salivary gland	2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_16233	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	116	4.27E-11	1	1780.837	2.85	Malpighian tubule	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_16267	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	58	1.29E-05	2	997.538	-0.54	Male reproductive organs	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_16564	NILVIPDLYINAGGVTVSFFEWLK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	87	7.55E-09	2	2708.482	4.54	Midgut	2R:-:55060507-55060436;2R:-:55060507-55060436;2R:-:55060507-55060436;2R:-:55060507-55060436	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_18211	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	59	1.87E-05	1	1294.665	0.88	Visceras	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_18219	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	94	5.13E-09	1	1796.828	0.62	Salivary gland	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_18256	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	70	1.04E-06	1	1314.605	1.02	Midgut	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_18498	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	67	3.24E-06	1	1109.549	1.69	Malpighian tubule	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_18619	IIAEAANGPTTPAADKILIDR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	87	8.18E-09	1	2150.192	4.85	Head	2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_18690	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	101	1.39E-09	1	1885.916	2.67	Malpighian tubule	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_19224	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	65	3.32E-06	1	1553.689	0.28	Male reproductive organs	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_19642	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	75	2.44E-07	1	997.540	1.29	Malpighian tubule	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_20977	NLNHVSYGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	48	0.000264344	1	1059.535	1.51	Ovary	2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_21613	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	51	0.000118378	1	1246.658	-0.25	Male reproductive organs	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_22275	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	74	3.78E-07	1	1553.688	-0.43	Pupa	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_22337	TFIVQGFGNVGLHSCR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N9(Deamidated),C15(Carbamidomethyl),"Q5(Deamidated),C15(Carbamidomethyl)",C15(Carbamidomethyl)	141	1.55E-13	1	1791.899	1.61	Ovary	2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_22857	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	75	4.39E-07	1	1246.660	1.81	Salivary gland	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_23049	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	68	2.21E-06	1	2014.016	4.98	Head	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_24267	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	46	0.000221746	2	807.463	1.87	Ovary	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_24922	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	55	4.53E-05	1	1294.663	-0.34	Male reproductive organs	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_25265	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	123	8.17E-12	1	2496.215	-1.65	Salivary gland	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_25455	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	108	2.66E-10	1	2496.223	1.8	Pupa	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_26407	TIGHLDINAHACVTGKPINQGGIHGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C12(Carbamidomethyl)	111	8.24E-11	1	2736.419	2.96	Head	2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_26961	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	107	3.53E-10	1	2014.007	0.07	Visceras	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_27935	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	106	4.08E-10	1	2496.233	5.61	Larva	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_28866	GILMLMQPCDHIIEIAFPLRR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C9(Carbamidomethyl),"M6(Oxidation),C9(Carbamidomethyl)","M4(Oxidation),M6(Oxidation),C9(Carbamidomethyl)","M4(Oxidation),C9(Carbamidomethyl)"	99	8.82E-10	1	2539.346	4.5	Malpighian tubule	2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_29896	IIAEAANGPTTPAADKILIDR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	172	2.79E-17	1	2150.183	0.8	Malpighian tubule	2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_31244	DVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	62	7.06E-06	1	930.464	0.07	Malpighian tubule	2R:-:55066728-55066702;2R:-:55066728-55066702;2R:-:55066728-55066702;2R:-:55066728-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_31320	ACQICEDK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	32	0.001951239	2	1023.424	0.9	Midgut	2R:-:55066668-55066645;2R:-:55066668-55066645;2R:-:55066668-55066645;2R:-:55066668-55066645	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_31851	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	42	0.000911892	2	823.431	-0.21	Midgut	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_32436	NLNHVSYGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	44	0.00072586	1	1059.533	-0.15	Visceras	2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_33283	VITAENAGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	51	0.000207717	2	902.493	-1.05	Head	2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_34741	ACQICEDKLVEDMK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	55	3.25E-05	2	1738.785	2.38	Head	2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_35331	LTFKYER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	41	0.000577254	1	956.521	1.45	Head	2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_35825	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	55	2.55E-05	1	997.543	4.54	Larva	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_37252	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	112	8.14E-11	1	1539.805	2.09	Ovary	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_37388	ACQICEDKLVEDMK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), M13(Oxidation),"C2(Carbamidomethyl), C5(Carbamidomethyl)"	86	2.38E-08	1	1738.778	-1.55	Midgut	2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_37608	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	74	2.79E-07	2	997.539	0.01	Midgut	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_37757	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	49	0.000118017	2	1330.597	-1.01	Male reproductive organs	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_38167	CACVDVPFGGAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	69	1.54E-06	1	1280.575	-0.71	Midgut	2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_38514	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	87	3.23E-08	2	1540.789	2.48	Larva	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_38538	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	46	0.000297128	2	823.430	-1.02	Pupa	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_38825	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	108	2.12E-10	1	1539.804	1.93	Malpighian tubule	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_40058	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	66	2.12E-06	2	997.539	0.13	Salivary gland	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_40528	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	92	6.60E-09	1	1553.695	4.34	Head	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_40596	TIGHLDINAHACVTGKPINQGGIHGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C12(Carbamidomethyl),"N8(Deamidated),C12(Carbamidomethyl)"	191	8.23E-19	1	2736.411	-0.12	Malpighian tubule	2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_40914	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	46	0.000304049	2	823.431	0.09	Salivary gland	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_40925	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N8(Deamidated)	81	1.09E-07	1	1246.660	1.42	Malpighian tubule	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_41426	LVEDMKGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	46	0.000480122	2	947.497	-1.06	Malpighian tubule	2R:-:55066644-55066621;2R:-:55066644-55066621;2R:-:55066644-55066621;2R:-:55066644-55066621	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_41540	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	64	4.91E-06	1	1294.666	1.45	Malpighian tubule	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_41978	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	79	1.54E-07	1	1171.643	-0.23	Visceras	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_42118	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	48	0.000184 65	2	823.433	2.46	Malpighian tubule	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_42330	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	43	0.000647 058	1	823.431	0.02	Visceras	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_43654	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	49	0.000104 438	2	807.462	1.57	Malpighian tubule	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_43846	IIAEAANGPTTPAADKILIDR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	79	5.49E-08	1	2150.189	3.32	Pupa	2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_44103	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl), Q19(Deamidated),C5(Carbamidomethyl)	122	9.10E-12	1	2496.228	3.56	Head	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_44300	KYSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	64	6.73E-06	2	1162.573	-0.85	Midgut	2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_44304	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	86	3.84E-08	2	1796.834	3.82	Larva	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_44638	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	65	4.36E-06	1	1246.658	0.05	Visceras	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_44924	FALELSKK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	37	0.000728543	1	935.554	-1.71	Pupa	2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_45237	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	40	0.000917559	2	981.545	1.61	Visceras	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_46411	YSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	44	0.000472524	1	1034.472	-6.27	Head	2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_46422	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	69	2.05E-06	1	1294.664	-0.06	Pupa	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_46648	ACQICEDKLVEDMK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), M13(Oxidation)	66	2.37E-06	1	1754.775	-0.32	Ovary	2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_46940	LTFKYER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	42	0.000512 62	2	956.519	-0.65	Ovary	2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_46971	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	96	3.20E-09	2	1539.810	5.42	Salivary gland	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_47341	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	38	0.001044132	2	963.562	-0.25	Ovary	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_47471	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	52	0.000110288	1	2030.007	2.94	Male reproductive organs	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_48254	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	55	2.84E-05	2	807.461	-0.62	Visceras	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_48306	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	59	1.88E-05	1	1294.663	-0.34	Salivary gland	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_48325	TFIVQGFGNVGLHSCR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C15(Carbamidomethyl)	139	2.29E-13	1	1791.901	2.97	Visceras	2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_49160	GILMLMQPCDHIIEIAFPLRR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C9(Carbamidomethyl),"M6(Oxidation), Q7(Deamidated), C9(Carbamidomethyl)"," M6(Oxidation), C9(Carbamidomethyl)"," M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)"," M4(Oxidation), C9(Carbamidomethyl)"	76	2.14E-07	3	2555.329	-0.44	Midgut	2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_49351	TIGHLDINAHACVTGKPINQGGIHGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C12(Carbamidomethyl)	88	1.49E-08	1	2736.409	-0.86	Midgut	2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_49422	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	101	1.01E-09	2	1796.827	-0.12	Male reproductive organs	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_49518	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	41	0.000433029	1	963.562	0	Midgut	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_49566	GTIVGFPGAQPYEGENLMYEQCDIFIPAAVEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation), C22(Carbamidomethyl),C22(Carbamidomethyl)	182	9.63E-18	1	3543.686	1.21	Malpighian tubule	2R:-:55060783-55060688;2R:-:55060783-55060688;2R:-:55060783-55060688;2R:-:55060783-55060688;2R:-:55060783-55060688	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA

JHU_Ag_50000	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	105	5.15E-10	1	2496.219	0.18	Midgut	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_50100	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	99	1.91E-09	1	1796.828	0.15	Visceras	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_50848	GFIGPGIDVPAPDMGTGEREMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation), M21(Oxidation),M14(Oxidation),M21(Oxidation)	85	4.65E-08	1	3213.493	1.75	Ovary	2R:-:55061289-55061200;2R:-:55061289-55061200;2R:-:55061289-55061200;2R:-:55061289-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_50914	GILMLMQPCDHIIEIAFPLR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)	77	1.97E-07	1	2399.246	7.34	Larva	2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_51110	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	67	3.53E-06	1	1109.547	-0.62	Midgut	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA

JHU_Ag_51583	GILMLMQPCDHIIEIAFPLR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation), C9(Carbamidomethyl),"M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)"	86	2.76E-08	1	2399.241	5.28	Visceras	2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_51590	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	43	0.000550955	1	823.433	3.06	Larva	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_51825	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	83	8.26E-08	2	1780.833	0.58	Pupa	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_51845	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	107	7.06E-11	1	1422.586	0.97	Ovary	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_52579	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	107	3.24E-10	1	1885.918	3.64	Head	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_53886	VITAENAGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	43	0.001251618	2	902.493	-1.05	Malpighian tubule	2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_54530	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	36	0.001677859	1	963.562	-0.51	Male reproductive organs	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_55717	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	56	4.11E-05	1	2030.000	-0.44	Pupa	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_56995	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	122	1.03E-11	1	1540.783	-1.56	Midgut	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_58151	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	119	1.57E-11	1	1539.801	-0.05	Pupa	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_58238	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	36	0.001479639	2	963.565	3.17	Larva	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_58702	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	94	5.83E-09	1	1885.901	-5.75	Visceras	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_58806	GILMLMQPCDHIIEIAFPLRR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)	51	5.28E-05	3	2555.345	6.15	Larva	2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_59788	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	47	0.000196947	2	823.432	1.87	Head	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_59959	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	66	3.27E-06	2	1171.658	12.69	Male reproductive organs	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_59969	AQHCTHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C4(Carbamidomethyl)	36	0.002167421	2	909.411	-0.27	Head	2R:-:55066488-55066468;2R:-:55066488-55066468;2R:-:55066488-55066468;2R:-:55066488-55066468	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_60231	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N8(Deamidated)	83	8.86E-08	1	1247.641	-0.54	Head	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_62193	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	54	6.30E-05	1	2496.218	-0.4	Male reproductive organs	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_63113	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N8(Deamidated)	87	3.31E-08	1	1247.641	-0.64	Midgut	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_63283	GILMLMQPCDHIIEIAFPLR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)	58	2.00E-05	1	2399.230	0.54	Ovary	2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_64510	LTFKYER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	41	0.000632947	1	956.522	2.47	Salivary gland	2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_64545	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	67	3.34E-06	1	1109.547	-0.07	Pupa	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_64593	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	60	1.19E-05	1	1171.639	-3.46	Salivary gland	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_65675	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	139	1.86E-13	1	2496.225	2.46	Malpighian tubule	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_66268	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	93	7.65E-09	1	1901.914	4.23	Salivary gland	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_67283	ACQICEDKLVEDMK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), M13(Oxidation),"C2(Carbamidomethyl), C5(Carbamidomethyl)"	87	2.24E-08	1	1738.781	0.2	Visceras	2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_68092	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	87	1.99E-08	1	1553.690	1.43	Salivary gland	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_68135	IIAEAANGPTTPAADKILIDR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	164	1.64E-16	1	2150.185	1.71	Ovary	2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508;2R:-:55060570-55060508	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_68501	FALELSKK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	54	1.54E-05	1	935.555	-0.86	Ovary	2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_68707	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	65	2.56E-06	1	997.541	2.46	Head	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_69511	GFIGPGIDVPAPDMGTGEREMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation), M21(Oxidation),M14(Oxidation),M21(Oxidation)	109	1.61E-10	1	3181.511	4.25	Malpighian tubule	2R:-:55061289-55061200;2R:-:55061289-55061200;2R:-:55061289-55061200;2R:-:55061289-55061200;2R:-:55061289-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_70291	GILMLMQPCDHIIEIAFPLR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation), C9(Carbamidomethyl),"M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)"	86	2.56E-08	1	2399.244	6.34	Head	2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_70621	GILMLMQPCDHIIEIAFPLR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C9(Carbamidomethyl),"M4(Oxidation), C9(Carbamidomethyl)"	91	7.09E-09	1	2367.240	0.64	Midgut	2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_70803	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	93	1.99E-09	1	1422.585	0.2	Male reproductive organs	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_71708	CACVDVPFGGAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	51	7.89E-05	1	1280.577	0.24	Salivary gland	2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_72276	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	41	0.001135933	1	1109.556	7.74	Male reproductive organs	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_72577	TFIVQGFGNVGLHSCR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C15(Carbamidomethyl)	131	1.47E-12	1	1791.900	2.49	Head	2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_73238	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	42	0.000484013	2	807.461	0.21	Pupa	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_75177	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	115	1.07E-11	1	1422.584	-0.49	Head	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_75454	TIGHLDINAHACVTGKPINQGGIHGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C12(Carbamidomethyl)	141	8.01E-14	1	2736.415	1.28	Ovary	2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_75672	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	75	1.29E-07	2	1422.584	-0.14	Visceras	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_75728	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	69	1.39E-06	1	1314.606	2.26	Malpighian tubule	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_75771	YSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	40	0.001206888	1	1034.478	-0.48	Malpighian tubule	2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_77044	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	47	0.000176546	2	807.462	1.12	Head	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_77111	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	93	5.92E-09	1	1171.642	-0.75	Midgut	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_77246	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation)	112	1.08E-10	2	1780.834	0.79	Head	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_77622	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	77	2.93E-07	1	1246.656	-1.22	Pupa	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_77673	FSLDVSR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	43	0.000577231	1	823.433	2.61	Male reproductive organs	2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452;2R:-:55061472-55061452	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_78264	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	71	6.74E-07	2	981.546	1.79	Ovary	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_78355	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	57	2.94E-05	1	1294.665	0.79	Ovary	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_79423	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	66	3.85E-06	1	1109.549	1.58	Ovary	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_79724	NLNHVSYGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	48	0.000296383	1	1059.533	0.2	Salivary gland	2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_80434	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	118	2.43E-11	1	1885.907	-2.32	Midgut	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_81460	FSLDVSRDEVK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	69	2.00E-06	1	1294.664	-0.25	Midgut	2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440;2R:-:55061472-55061440	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_81575	TFIVQGFGNVGLHSCR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C15(Carbamidomethyl)	131	1.47E-12	1	1791.898	1.33	Salivary gland	2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_81981	ACQICEDKLVEDMK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	67	1.97E-06	1	1738.782	0.79	Salivary gland	2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_82873	YSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	42	0.000728487	2	1034.479	-0.25	Ovary	2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_83121	YSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	39	0.001449034	2	1034.482	2.82	Midgut	2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326;2R:-:55061349-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_83579	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	88	2.52E-08	1	1901.915	4.35	Larva	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_83724	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	41	0.001222733	1	1109.549	1.69	Larva	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA

JHU_Ag_83751	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	132	1.02E-12	1	2496.224	1.94	Visceras	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_83766	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	67	2.97E-06	1	1109.550	2.68	Salivary gland	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_84355	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	73	8.78E-07	1	1109.548	0.92	Head	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_84366	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	78	1.75E-07	1	1171.648	3.93	Larva	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_84604	LTFKYER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	41	0.000610655	1	956.520	-0.14	Pupa	2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA

JHU_Ag_84728	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	82	7.52E-08	1	1171.643	0.29	Head	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_85016	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	121	1.44E-11	1	2014.006	-0.17	Malpighian tubule	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_85078	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	54	3.37E-05	2	807.461	-0.32	Male reproductive organs	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_85082	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	105	5.91E-10	1	2030.009	3.96	Larva	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_85896	GFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation)	69	2.28E-06	1	1901.909	1.53	Pupa	2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233;2R:-:55061289-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_87337	TIGHLDINAHACVTGKPINQGGIHGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C12(Carbamidomethyl)	139	1.14E-13	1	2736.413	0.81	Visceras	2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_87339	AGATCIGVIEHDGSIFNPQGIDPK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C5(Carbamidomethyl)	126	4.00E-12	1	2496.228	3.78	Ovary	2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888;2R:-:55060959-55060888	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_87910	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	38	0.000907309	2	963.562	-0.06	Salivary gland	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_87983	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	97	9.09E-10	2	1406.590	0.14	Pupa	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_88240	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	86	1.12E-08	1	1406.590	0.75	Salivary gland	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_88373	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	37	0.0016462	1	1330.600	1.38	Ovary	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_90271	KYSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	56	4.12E-05	1	1162.574	-0.11	Visceras	2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_90807	LTFKYER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	29	0.010669443	1	956.519	-1.48	Midgut	2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_91143	GILMLMQPCDHIIEIAFPLR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)	57	2.18E-05	1	2399.243	6.19	Salivary gland	2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528;2R:-:55066587-55066528	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_91704	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	83	5.83E-08	1	1171.644	0.81	Ovary	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_93440	DVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	40	0.001330415	2	930.464	0.06	Midgut	2R:-:55066728-55066702;2R:-:55066728-55066702;2R:-:55066728-55066702;2R:-:55066728-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_93594	FALELSKK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	36	0.001069203	1	935.555	-0.78	Midgut	2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_94316	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	112	9.38E-11	1	1540.790	2.79	Head	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_95341	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	109	2.08E-10	1	2014.006	-0.05	Midgut	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_95664	VITAENAGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	51	0.000184395	1	902.497	2.68	Ovary	2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661;2R:-:55060687-55060661	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA

JHU_Ag_95771	KGFIGPGIDVPAPDMGTGER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M15(Oxidation)	83	7.76E-08	1	2030.007	2.63	Ovary	2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233;2R:-:55061292-55061233	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_97229	CACVDVPFGGAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	81	8.62E-08	1	1280.575	-0.62	Visceras	2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_97386	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	47	0.000168283	2	1330.599	0.64	Salivary gland	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_99156	YSEHELEKITR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	74	6.83E-07	1	1404.712	0.12	Malpighian tubule	2R:-:55061349-55061317;2R:-:55061349-55061317;2R:-:55061349-55061317;2R:-:55061349-55061317	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_99418	TFIVQGFGNVGLHSCR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C15(Carbamidomethyl)	131	1.58E-12	1	1791.900	2.01	Midgut	2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_99810	NLNHVSYGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N3(Deamidated)	56	5.02E-05	1	1059.533	-0.48	Midgut	2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_99859	CACVDVPFGGAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	88	2.06E-08	1	1280.579	2.34	Head	2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_100106	FFDMVEYFFHR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation)	90	1.06E-08	1	1553.693	2.84	Ovary	2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669;2R:-:55066701-55066669	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_100786	DVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	56	2.97E-05	2	930.464	-0.4	Head	2R:-:55066728-55066702;2R:-:55066728-55066702;2R:-:55066728-55066702;2R:-:55066728-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_101614	ALSALMTFK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M6(Oxidation)	57	1.76E-05	2	981.544	-0.32	Pupa	2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413;2R:-:55061439-55061413	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_101742	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	104	1.52E-10	1	1422.589	3.03	Midgut	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_102004	TFIVQGFGNVGLHSCR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C15(Carbamidomethyl)	131	1.29E-12	1	1791.900	2.49	Malpighian tubule	2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972;2R:-:55061019-55060972	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_102133	NLNHVSYGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N1(Deamidated)	58	1.89E-05	1	1059.526	-6.95	Head	2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_102215	EANYMAQIGTTPGWGGK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M5(Oxidation),"N3(Deamidated), M5(Oxidation)"	125	4.74E-12	2	1780.832	0.04	Midgut	2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020;2R:-:55061070-55061020	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_103195	GILMLMQPCDHIIEIAFPLRR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M4(Oxidation), C9(Carbamidomethyl),"M6(Oxidation), C9(Carbamidomethyl)","M4(Oxidation), M6(Oxidation), C9(Carbamidomethyl)"	77	1.38E-07	1	2539.339	1.83	Ovary	2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525;2R:-:55066587-55066525	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_103497	KYSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	39	0.002244215	1	1162.579	4.72	Larva	2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_104043	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	55	2.79E-05	2	807.461	-0.4	Salivary gland	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_104462	FALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	48	0.000144496	2	807.461	-0.09	Midgut	2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293;2R:-:55061313-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_104582	LTFKYER	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	46	0.000214965	2	956.521	0.75	Malpighian tubule	2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388;2R:-:55060408-55060388	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_104827	LKDVSTAANPR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	70	1.27E-06	1	1171.642	-1.28	Pupa	2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702;2R:-:55066734-55066702	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA

JHU_Ag_105182	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	45	0.000338629	1	1314.604	0.5	Visceras	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_105828	FALELSKK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	54	1.21E-05	1	935.557	1.16	Malpighian tubule	2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290;2R:-:55061313-55061290	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_106528	RFALELSK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	46	0.000153164	2	963.563	1.14	Head	2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293;2R:-:55061316-55061293	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_106548	GFIGPGIDVPAPDMGTGEREMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M14(Oxidation), M21(Oxidation)	62	8.59E-06	1	3213.485	-0.53	Midgut	2R:-:55061289-55061200;2R:-:55061289-55061200;2R:-:55061289-55061200;2R:-:55061289-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_107196	TIGHLDINAHACVTGKPINQGGIHGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C12(Carbamidomethyl)	82	6.06E-08	1	2736.409	-0.87	Salivary gland	2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122;2R:-:55061199-55061122	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_107476	ACQICEDKLVEDMK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), M13(Oxidation),"C2(Carbamidomethyl), C5(Carbamidomethyl)"	116	2.51E-11	1	1738.784	1.67	Malpighian tubule	2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627;2R:-:55066668-55066627	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_109732	DSGDYEMITGYR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M7(Oxidation)	69	5.31E-07	2	1422.591	4.92	Larva	2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489;2R:-:55066524-55066489	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_110317	ACQICEDK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	53	1.50E-05	1	1023.423	-0.89	Malpighian tubule	2R:-:55066668-55066645;2R:-:55066668-55066645;2R:-:55066668-55066645;2R:-:55066668-55066645	exon=> In CDS Exon 1 of transcript AGAP004362-PC;exon=> In CDS Exon 1 of transcript AGAP004362-PB;exon=> In CDS Exon 1 of transcript AGAP004362-PF;exon=> In CDS Exon 1 of transcript AGAP004362-PD;exon=> In CDS Exon 1 of transcript AGAP004362-PA
JHU_Ag_110536	NLNHVSYGR	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N1(Deamidated)	65	5.13E-06	1	1059.534	0.89	Malpighian tubule	2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409;2R:-:55060435-55060409	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_110750	CACVDVPFGGAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	71	7.77E-07	1	1280.577	0.91	Ovary	2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377;2R:-:55061412-55061377	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_111128	ALEDYKNEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	65	4.79E-06	1	1109.545	-1.83	Visceras	2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784;2R:-:55060810-55060784	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_112060	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	70	1.64E-06	1	1246.661	2.3	Larva	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_113305	GTIVGFPGAQPYEGENLMYEQCDIFIPAAVEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M18(Oxidation), C22(Carbamidomethyl)	94	5.20E-09	1	3559.687	3.08	Ovary	2R:-:55060783-55060688;2R:-:55060783-55060688;2R:-:55060783-55060688;2R:-:55060783-55060688	exon=> In CDS Exon 3 of transcript AGAP004362-PC;exon=> In CDS Exon 3 of transcript AGAP004362-PB;exon=> In CDS Exon 3 of transcript AGAP004362-PF;exon=> In CDS Exon 3 of transcript AGAP004362-PD;exon=> In CDS Exon 3 of transcript AGAP004362-PA
JHU_Ag_114404	IIAEAANGPTTPAADK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	N7(Deamidated)	94	4.72E-09	2	1539.813	7.71	Male reproductive organs	2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523;2R:-:55060570-55060523	exon=> In CDS Exon 4 of transcript AGAP004362-PC;exon=> In CDS Exon 4 of transcript AGAP004362-PB;exon=> In CDS Exon 4 of transcript AGAP004362-PF;exon=> In CDS Exon 4 of transcript AGAP004362-PD;exon=> In CDS Exon 4 of transcript AGAP004362-PA
JHU_Ag_114494	EMSWIADTYAK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	M2(Oxidation)	43	0.000461869	1	1330.603	3.3	Larva	2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200;2R:-:55061232-55061200	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA

JHU_Ag_115066	KYSEHELEK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	45	0.000566787	2	1162.580	5.35	Male reproductive organs	2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326;2R:-:55061352-55061326	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_115926	GVFHGLDNFIK	AGAP004362-PC,AGAP004362-PB,AGAP004362-PF,AGAP004362-PD,AGAP004362-PA	-	75	5.24E-07	1	1246.662	3.09	Ovary	2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071;2R:-:55061103-55061071	exon=> In CDS Exon 2 of transcript AGAP004362-PC;exon=> In CDS Exon 2 of transcript AGAP004362-PB;exon=> In CDS Exon 2 of transcript AGAP004362-PF;exon=> In CDS Exon 2 of transcript AGAP004362-PD;exon=> In CDS Exon 2 of transcript AGAP004362-PA
JHU_Ag_30105	ESNYHLLASIQQSLER	AGAP004362-PC,AGAP004362-PF,AGAP004362-PA	-	108	2.00E-10	1	1887.962	3.17	Visceras	2R:-:55060387-55060570,55059573-55059600;2R:-:55060387-55060570,55059578-55059600;2R:-:55060387-55060570,55059578-55059600	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PF;exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PA
JHU_Ag_92249	ESNYHLLASIQQSLER	AGAP004362-PC,AGAP004362-PF,AGAP004362-PA	-	122	9.31E-12	1	1887.958	1.17	Head	2R:-:55060387-55060570,55059573-55059600;2R:-:55060387-55060570,55059578-55059600;2R:-:55060387-55060570,55059578-55059600	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PF;exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PA
JHU_Ag_103663	ESNYHLLASIQQSLER	AGAP004362-PC,AGAP004362-PF,AGAP004362-PA	-	101	1.06E-09	1	1887.959	1.43	Midgut	2R:-:55060387-55060570,55059573-55059600;2R:-:55060387-55060570,55059578-55059600;2R:-:55060387-55060570,55059578-55059600	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PF;exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PA
JHU_Ag_11055	ESNYHLLESVQR	AGAP004362-PD	-	62	1.15E-05	1	1474.732	2.26	Ovary	2R:-:55060387-55060570,55058472-55058730	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PD
JHU_Ag_18699	ESNYHLLESVQR	AGAP004362-PD	-	81	1.22E-07	1	1474.729	0.19	Visceras	2R:-:55060387-55060570,55058472-55058730	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PD
JHU_Ag_63238	ESNYHLLESVQR	AGAP004362-PD	-	55	5.22E-05	1	1474.730	0.77	Pupa	2R:-:55060387-55060570,55058472-55058730	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PD

JHU_Ag_92148	ESNYHLLESVQR	AGAP004362-PD	-	78	2.44E-07	1	1474.731	1.77	Malpighian tubule	2R:-:55060387-55060570,55058472-55058730	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PD
JHU_Ag_105299	ESNYHLLESVQR	AGAP004362-PD	Q11(Deamidated)	90	1.72E-08	1	1474.725	-2.37	Head	2R:-:55060387-55060570,55058472-55058730	exon=> In CDS Exon 5 and 4 of transcript AGAP004362-PD
JHU_Ag_15568	AIMITAMR	AGAP004362-PF,AGAP004362-PD	M3(Oxidation), M7(Oxidation)	58	1.65E-05	2	906.489	-0.72	Visceras	2R:-:55058588-55058565;2R:-:55058588-55058565	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_31469	FGTVGGKIPIEASEAFK	AGAP004362-PF,AGAP004362-PD	-	111	5.86E-11	1	1750.946	4.83	Head	2R:-:55058714-55058664;2R:-:55058714-55058664	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_31918	SAAYINSIEK	AGAP004362-PF,AGAP004362-PD	-	69	1.83E-06	2	1095.566	-2.06	Head	2R:-:55058540-55058511;2R:-:55058540-55058511	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_39954	IPIEASEAFK	AGAP004362-PF,AGAP004362-PD	-	77	3.01E-07	1	1104.595	1.16	Head	2R:-:55058693-55058664;2R:-:55058693-55058664	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_52161	SAAYINSIEK	AGAP004362-PF,AGAP004362-PD	-	50	0.000114264	2	1095.567	-0.61	Visceras	2R:-:55058540-55058511;2R:-:55058540-55058511	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_56754	IPIEASEAFK	AGAP004362-PF,AGAP004362-PD	-	63	8.96E-06	1	1104.593	-0.49	Visceras	2R:-:55058693-55058664;2R:-:55058693-55058664	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_58953	IPIEASEAFK	AGAP004362-PF,AGAP004362-PD	-	59	1.84E-05	2	1104.593	-0.83	Male reproductive organs	2R:-:55058693-55058664;2R:-:55058693-55058664	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_75343	IPIEASEAFK	AGAP004362-PF,AGAP004362-PD	-	54	6.88E-05	1	1104.595	0.94	Ovary	2R:-:55058693-55058664;2R:-:55058693-55058664	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_75574	AIMITAMR	AGAP004362-PF,AGAP004362-PD	M3(Oxidation), M7(Oxidation)	37	0.002919863	2	938.481	1.68	Head	2R:-:55058588-55058565;2R:-:55058588-55058565	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_78916	SAAYINSIEK	AGAP004362-PF,AGAP004362-PD	-	43	0.000630342	1	1095.571	2.91	Midgut	2R:-:55058540-55058511;2R:-:55058540-55058511	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_81315	SAAYINSIEK	AGAP004362-PF,AGAP004362-PD	-	54	4.99E-05	1	1095.566	-1.95	Pupa	2R:-:55058540-55058511;2R:-:55058540-55058511	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_85707	IPIEASEAFKK	AGAP004362-PF,AGAP004362-PD	-	37	0.001811199	1	1232.690	1.04	Malpighian tubule	2R:-:55058693-55058661;2R:-:55058693-55058661	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD

JHU_Ag_87292	FGTVGGK	AGAP004362-PF,AGAP004362-PD	-	41	0.000891639	1	665.360	-2	Head	2R:-:55058714-55058694;2R:-:55058714-55058694	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_92700	AIMITAMR	AGAP004362-PF,AGAP004362-PD	-	40	0.001125 17	2	906.490	0.09	Malpighian tubule	2R:-:55058588-55058565;2R:-:55058588-55058565	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_95054	IPIEASEAFK	AGAP004362-PF,AGAP004362-PD	-	59	2.26E-05	1	1104.593	-0.16	Pupa	2R:-:55058693-55058664;2R:-:55058693-55058664	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_99046	SAAYINSIEK	AGAP004362-PF,AGAP004362-PD	-	46	0.000284169	2	1095.571	3.06	Male reproductive organs	2R:-:55058540-55058511;2R:-:55058540-55058511	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_114874	IPIEASEAFK	AGAP004362-PF,AGAP004362-PD	-	45	0.000444264	2	1104.596	2.27	Malpighian tubule	2R:-:55058693-55058664;2R:-:55058693-55058664	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_117364	IPIEASEAFKK	AGAP004362-PF,AGAP004362-PD	-	56	2.43E-05	2	1232.692	2.53	Head	2R:-:55058693-55058661;2R:-:55058693-55058661	exon=> In CDS Exon 6 of transcript AGAP004362-PF;exon=> In CDS Exon 5 of transcript AGAP004362-PD
JHU_Ag_749	SAFEFCGQK	AGAP004366-PA	C6(Carbamidomethyl)	38	0.000714657	2	1073.473	1.24	Salivary gland	2R:-:55077519-55077493	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_2539	SAFEFCGQK	AGAP004366-PA	C6(Carbamidomethyl)	51	4.36E-05	2	1073.473	0.67	Midgut	2R:-:55077519-55077493	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_2546	SYIEHAR	AGAP004366-PA	-	47	0.000246 52	1	875.433	-5.1	Head	2R:-:55077333-55077313	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_2894	STGSVVGQQPFGGGR	AGAP004366-PA	-	74	7.69E-07	1	1433.713	-0.3	Visceras	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_3443	MEDVPIVIGSEEIR	AGAP004366-PA	M1(Oxidation)	59	1.54E-05	1	1602.808	2.46	Visceras	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_3795	VGDVTDFSNFTSAVIDDKAFAR	AGAP004366-PA	N9(Deamidated)	170	1.62E-16	1	2375.163	4.9	Malpighian tubule	2R:-:55077405-55077340	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_4332	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	89	9.36E-09	1	1883.024	3.27	Head	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_4782	QVGENINSYNNFPR	AGAP004366-PA	-	80	1.80E-07	1	1651.781	-0.57	Salivary gland	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_6056	MEDVPIVIGSEEIR	AGAP004366-PA	M1(Oxidation)	62	9.02E-06	2	1602.806	1.02	Salivary gland	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_7202	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	100	1.73E-09	1	1952.961	0.41	Pupa	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_7288	MTAGNFYLNDK	AGAP004366-PA	M1(Oxidation)	58	1.33E-05	2	1289.581	-1.37	Pupa	2R:-:55076951-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_7587	TVIQAEIDSAAELIDFIR	AGAP004366-PA	-	84	2.91E-08	2	2004.075	5.1	Midgut	2R:-:55078158-55078105	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_7718	LAEFPLENEPILGYRK	AGAP004366-PA	-	59	9.95E-06	1	1889.024	3.73	Ovary	2R:-:55078539-55078492	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_7874	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	-	104	5.57E-10	2	1929.908	0.27	Male reproductive organs	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_8474	ETFVPLK	AGAP004366-PA	-	43	0.000421 21	1	833.477	0.77	Head	2R:-:55076801-55076781	exon=> In CDS Exon 4 of transcript AGAP004366-PA

JHU_Ag_8810	TVIQAEIDSAAELIDFIR	AGAP004366-PA	-	162	4.59E-16	1	2004.073	4	Visceras	2R:-:55078158-55078105	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_8899	LAEFPLENEPILGYR	AGAP004366-PA	-	134	5.36E-13	1	1760.918	-2.03	Midgut	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_9080	FALTGAVFAQDQAFLK	AGAP004366-PA	-	70	1.00E-06	2	1726.927	6.04	Ovary	2R:-:55077111-55077667,55076751-55076973	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_9873	VKDGLLMIR	AGAP004366-PA	M7(Oxidation)	67	1.14E-06	1	1060.619	0.17	Malpighian tubule	2R:-:55077444-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_10206	MNTYYLK	AGAP004366-PA	-	49	0.000276834	2	932.456	1.64	Ovary	2R:-:55078104-55078084	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_10233	VGDVTDFSNFTSAVIDDKAFAR	AGAP004366-PA	-	78	2.31E-07	1	2375.156	1.83	Pupa	2R:-:55077405-55077340	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_10313	STGSVVGQQPFGGGR	AGAP004366-PA	Q8(Deamidated)	99	2.81E-09	1	1433.712	-0.98	Head	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_10840	ETFVPLK	AGAP004366-PA	-	39	0.001048331	1	833.476	-0.62	Midgut	2R:-:55076801-55076781	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_11749	VGDVTDFSNFTSAVIDDKAFAR	AGAP004366-PA	-	115	4.68E-11	1	2375.152	0.29	Midgut	2R:-:55077405-55077340	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_11875	NYHFVHPSADVESVVNGTIR	AGAP004366-PA	N16(Deamidated)	88	2.85E-08	1	2242.087	-0.85	Pupa	2R:-:55077579-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_12263	MTAGNFYLNDK	AGAP004366-PA	M1(Oxidation), N9(Deamidated),M1(Oxidation)	74	3.62E-07	2	1273.590	1.14	Malpighian tubule	2R:-:55076951-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_12854	HQVMPHNHK	AGAP004366-PA	M4(Oxidation)	31	0.006948158	2	1143.547	-0.75	Head	2R:-:55078380-55078354	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_13773	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	-	54	5.23E-05	2	1929.916	4.26	Larva	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_14173	QVGENINSYNNFPR	AGAP004366-PA	-	55	5.94E-05	2	1651.793	6.52	Larva	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_15010	TVIQAEIDSAAELIDFIR	AGAP004366-PA	-	133	3.53E-13	1	2004.076	5.71	Salivary gland	2R:-:55078158-55078105	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_15563	ALEEFK	AGAP004366-PA	-	36	0.002674029	2	736.388	0	Pupa	2R:-:55076969-55076952	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_15769	AADLMAGPYRQELNAATMLGQAK	AGAP004366-PA	M5(Oxidation), M18(Oxidation)	55	4.67E-05	1	2452.192	-1.65	Midgut	2R:-:55078227-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_16397	IMTEEIFGPVLTIYVYK	AGAP004366-PA	-	101	7.21E-10	1	2016.083	3.48	Salivary gland	2R:-:55077210-55077160	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_16462	AGGPHYVLR	AGAP004366-PA	-	75	2.14E-07	1	969.533	6.32	Salivary gland	2R:-:55076852-55076826	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_17097	STGSVVGQQPFGGGR	AGAP004366-PA	-	80	1.91E-07	1	1433.716	2	Salivary gland	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_17231	VKDGLLMIR	AGAP004366-PA	M7(Oxidation)	45	0.000176317	1	1060.619	0.75	Head	2R:-:55077444-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_17424	TPLDER	AGAP004366-PA	-	38	0.001030813	2	730.371	-2.34	Head	2R:-:55078263-55078246	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_17593	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	-	176	3.31E-17	1	1929.910	1.41	Malpighian tubule	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_17628	LAEFPLENEPILGYR	AGAP004366-PA	-	119	1.79E-11	1	1760.922	-0.09	Male reproductive organs	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_19164	NLTILGGGK	AGAP004366-PA	-	51	0.000116502	1	872.519	-0.86	Midgut	2R:-:55077303-55077277	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_19399	IMTEEIFGPVLTIYVYK	AGAP004366-PA	M2(Oxidation)	104	3.53E-10	1	2032.075	1.75	Head	2R:-:55077210-55077160	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_19595	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	125	5.38E-12	1	1952.965	2.47	Head	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA

JHU_Ag_22552	AGGPHYVLR	AGAP004366-PA	-	70	7.00E-07	1	969.527	0.15	Midgut	2R:-:55076852-55076826	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_22829	SAFEFCGQK	AGAP004366-PA	C6(Carbamidomethyl)	53	2.45E-05	1	1073.473	1.01	Malpighian tubule	2R:-:55077519-55077493	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_23277	MEDVPIVIGSEEIR	AGAP004366-PA	M1(Oxidation)	93	6.48E-09	1	1586.814	2.52	Malpighian tubule	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_23770	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	120	1.69E-11	1	1952.961	0.22	Ovary	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_26255	ALEEFKMTAGNFYLNDK	AGAP004366-PA	M7(Oxidation)	48	0.000235784	1	2006.945	-4.06	Male reproductive organs	2R:-:55076969-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_26545	AGGPHYVLR	AGAP004366-PA	-	68	1.09E-06	1	969.526	-0.79	Pupa	2R:-:55076852-55076826	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_26922	IMTEEIFGPVLTIYVYKDK	AGAP004366-PA	M2(Oxidation)	45	0.000259793	1	2275.207	5.94	Head	2R:-:55077210-55077154	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_26986	EAGVPPGVVNFVPTDGPVFGDTITASPHLAGINFTGSVPTFNR	AGAP004366-PA	-	112	4.48E-11	1	4352.205	1.49	Malpighian tubule	2R:-:55077861-55078585,55077077-55077655	exon=> In CDS Exon 3 and 2 of transcript AGAP004366-PA
JHU_Ag_28212	DGLLMIR	AGAP004366-PA	M5(Oxidation)	52	0.000113289	2	817.460	-0.18	Head	2R:-:55077438-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_28650	STGSVVGQQPFGGGR	AGAP004366-PA	-	83	1.16E-07	1	1433.712	-0.98	Pupa	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_28949	TATETQVKWDR	AGAP004366-PA	-	78	2.84E-07	1	1334.672	1.56	Ovary	2R:-:55078296-55078264	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_29181	MEDVPIVIGSEEIR	AGAP004366-PA	-	78	2.07E-07	1	1586.809	-0.1	Midgut	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_30093	MTAGNFYLNDK	AGAP004366-PA	-	80	9.51E-08	1	1273.588	-0.3	Visceras	2R:-:55076951-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_30433	SAFEFCGQK	AGAP004366-PA	C6(Carbamidomethyl)	41	0.000446063	1	1073.474	1.54	Ovary	2R:-:55077519-55077493	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_30442	ELESALKK	AGAP004366-PA	-	41	0.000834466	1	917.531	0.65	Malpighian tubule	2R:-:55078473-55078450	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_30511	MTAGNFYLNDKSTGSVVGQQPFGGGR	AGAP004366-PA	-	58	2.79E-05	1	2688.296	4.7	Ovary	2R:-:55076951-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_31624	QELNAATMLGQAK	AGAP004366-PA	-	39	0.0023183	2	1374.707	1.68	Salivary gland	2R:-:55078197-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_31993	NYHFVHPSADVESVVNGTIR	AGAP004366-PA	N16(Deamidated)	121	1.29E-11	1	2241.111	2.83	Ovary	2R:-:55077579-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_32088	AASKMEDVPIVIGSEEIR	AGAP004366-PA	M5(Oxidation)	94	5.17E-09	1	1960.010	2.11	Ovary	2R:-:55078449-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_32365	MTAGNFYLNDK	AGAP004366-PA	M1(Oxidation)	85	3.27E-08	1	1273.589	0.66	Head	2R:-:55076951-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_34194	FALTGAVFAQDQAFLK	AGAP004366-PA	-	134	4.58E-13	1	1726.922	3.21	Malpighian tubule	2R:-:55077111-55077667,55076751-55076973	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_34279	DIDYPYMR	AGAP004366-PA	M7(Oxidation)	29	0.004238398	2	1088.472	0.53	Head	2R:-:55076780-55076757	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_34759	TATETQVK	AGAP004366-PA	-	54	4.46E-05	2	877.461	-1.46	Head	2R:-:55078296-55078273	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_34802	LAEFPLENEPILGYR	AGAP004366-PA	-	134	4.90E-13	1	1760.927	2.96	Head	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_35033	AADLMAGPYR	AGAP004366-PA	M5(Oxidation)	58	2.36E-05	2	1080.516	1.37	Salivary gland	2R:-:55078227-55078198	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_35557	TPLDERIR	AGAP004366-PA	-	42	0.000578107	1	999.557	-0.86	Malpighian tubule	2R:-:55078263-55078240	exon=> In CDS Exon 2 of transcript AGAP004366-PA

JHU_Ag_35771	FALTGAVFAQDQAFLK	AGAP004366-PA	-	145	4.12E-14	1	1726.916	-0.46	Midgut	2R:-:55077111-55077667,55076751-55076973	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_36211	DIDYPYMRE	AGAP004366-PA	M7(Oxidation)	29	0.005105809	2	1201.521	0.93	Head	2R:-:55076780-55076754	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_36273	LAEFPLENEPILGYR	AGAP004366-PA	-	135	4.20E-13	1	1760.925	1.92	Malpighian tubule	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_36523	MEDVPIVIGSEEIR	AGAP004366-PA	M1(Oxidation)	100	1.55E-09	1	1586.815	3.36	Head	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_36999	STGSVVGQQPFGGGR	AGAP004366-PA	-	71	1.49E-06	1	1433.716	2.17	Ovary	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_37723	LAQFYYADQK	AGAP004366-PA	-	53	6.89E-05	2	1246.611	0.87	Visceras	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_38730	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	40	0.000815139	1	1883.021	2.01	Male reproductive organs	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_38942	LAEFPLENEPILGYRK	AGAP004366-PA	-	71	6.75E-07	1	1889.023	3.14	Head	2R:-:55078539-55078492	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_39287	MTAGNFYLNDK	AGAP004366-PA	M1(Oxidation)	80	8.24E-08	1	1273.587	-1.26	Salivary gland	2R:-:55076951-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_40866	AADLMAGPYR	AGAP004366-PA	M5(Oxidation)	57	2.81E-05	2	1064.518	-1.55	Head	2R:-:55078227-55078198	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_41288	VKDGLLMIR	AGAP004366-PA	M7(Oxidation)	41	0.000473471	1	1060.619	0.22	Salivary gland	2R:-:55077444-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_44241	LAEFPLENEPILGYR	AGAP004366-PA	-	134	5.13E-13	1	1760.926	2.47	Visceras	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_45089	NYHFVHPSADVESVVNGTIR	AGAP004366-PA	N16(Deamidated),N1(Deamidated)	149	2.03E-14	1	2241.109	1.68	Head	2R:-:55077579-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_47799	QELNAATMLGQAK	AGAP004366-PA	M8(Oxidation)	64	6.95E-06	2	1390.703	2.24	Larva	2R:-:55078197-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_48752	YQPISEDAK	AGAP004366-PA	-	34	0.007222981	1	1050.511	1.09	Ovary	2R:-:55078071-55078045	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_48953	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	N9(Deamidated)	165	4.11E-16	1	1929.909	0.91	Head	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_50410	QVGENINSYNNFPR	AGAP004366-PA	N7(Deamidated),N11(Deamidated),N10(Deamidated)	113	7.09E-11	1	1652.766	-0.43	Midgut	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_51274	AADLMAGPYR	AGAP004366-PA	M5(Oxidation)	71	9.90E-07	1	1080.514	-0.44	Malpighian tubule	2R:-:55078227-55078198	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_52913	AASKMEDVPIVIGSEEIR	AGAP004366-PA	M5(Oxidation)	74	6.58E-07	1	1960.002	-1.82	Midgut	2R:-:55078449-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_53025	AASKMEDVPIVIGSEEIR	AGAP004366-PA	M5(Oxidation)	49	0.000189729	1	1960.012	3.31	Head	2R:-:55078449-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_53072	LIGECGGKNYHFVHPSADVESVVNGTIR	AGAP004366-PA	C5(Carbamidomethyl)	69	1.53E-06	1	3055.513	2.54	Malpighian tubule	2R:-:55077603-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_53425	STGSVVGQQPFGGGR	AGAP004366-PA	-	97	4.46E-09	1	1433.715	1.15	Malpighian tubule	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_53646	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	53	3.89E-05	1	1883.015	-1.2	Pupa	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_53709	TATETQVKWDR	AGAP004366-PA	-	75	5.96E-07	1	1334.674	2.93	Malpighian tubule	2R:-:55078296-55078264	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_54496	QVGENINSYNNFPR	AGAP004366-PA	-	101	1.15E-09	1	1651.786	2.16	Malpighian tubule	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_55174	LAQFYYADQK	AGAP004366-PA	-	62	1.06E-05	2	1246.617	4.98	Head	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA

JHU_Ag_55182	VGDVTDFSNFTSAVIDDKAFAR	AGAP004366-PA	-	108	2.21E-10	1	2375.154	1.14	Male reproductive organs	2R:-:55077405-55077340	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_55663	MNTYYLK	AGAP004366-PA	M1(Oxidation)	50	0.000150458	2	948.452	2.54	Larva	2R:-:55078104-55078084	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_56183	NLTILGGGK	AGAP004366-PA	-	43	0.000782225	1	872.520	-0.44	Salivary gland	2R:-:55077303-55077277	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_57478	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	-	133	6.73E-13	1	1929.911	1.6	Pupa	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_60692	LAEFPLENEPILGYRK	AGAP004366-PA	-	75	2.24E-07	1	1889.025	4.3	Malpighian tubule	2R:-:55078539-55078492	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_60896	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	97	2.97E-09	2	1952.957	-1.78	Midgut	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_62406	DKDLDSAMK	AGAP004366-PA	M8(Oxidation)	41	0.000908552	1	1038.478	0.78	Ovary	2R:-:55077159-55077133	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_62641	NYHFVHPSADVESVVNGTIR	AGAP004366-PA	N16(Deamidated)	122	8.72E-12	1	2241.107	1.11	Visceras	2R:-:55077579-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_62780	MEDVPIVIGSEEIR	AGAP004366-PA	M1(Oxidation)	53	7.01E-05	2	1602.810	3.38	Larva	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_63313	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	-	132	8.77E-13	2	1929.909	0.53	Salivary gland	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_64141	DKDLDSAMK	AGAP004366-PA	M8(Oxidation)	54	5.58E-05	1	1022.482	-0.66	Midgut	2R:-:55077159-55077133	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_64393	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	93	4.13E-09	2	1883.022	2.28	Salivary gland	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_64834	NYHFVHPSADVESVVNGTIR	AGAP004366-PA	N16(Deamidated)	139	1.96E-13	1	2241.108	1.6	Malpighian tubule	2R:-:55077579-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_65223	ETFVPLKDIDYPYMR	AGAP004366-PA	M14(Oxidation)	36	0.003768119	2	1902.935	2.52	Midgut	2R:-:55076801-55076757	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_66909	DIDYPYMRE	AGAP004366-PA	M7(Oxidation)	44	0.000110509	2	1217.514	-0.22	Midgut	2R:-:55076780-55076754	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_67047	MTAGNFYLNDK	AGAP004366-PA	M1(Oxidation)	91	8.16E-09	1	1273.588	0.08	Midgut	2R:-:55076951-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_67996	QVGENINSYNNFPR	AGAP004366-PA	N5(Deamidated),N7(Deamidated),Q1(Deamidated)	107	3.32E-10	1	1651.782	0.02	Head	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_68427	DGLLMIR	AGAP004366-PA	M5(Oxidation)	40	0.001234742	2	833.454	-0.66	Ovary	2R:-:55077438-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_68688	VKDGLLMIR	AGAP004366-PA	M7(Oxidation)	36	0.0013845	1	1060.618	-0.56	Midgut	2R:-:55077444-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_69282	TVIQAEIDSAAELIDFIR	AGAP004366-PA	-	137	1.51E-13	2	2004.067	0.96	Pupa	2R:-:55078158-55078105	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_69761	DIDYPYMRE	AGAP004366-PA	M7(Oxidation)	32	0.001920428	1	1217.514	-0.22	Malpighian tubule	2R:-:55076780-55076754	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_71012	LAEFPLENEPILGYR	AGAP004366-PA	-	124	5.69E-12	1	1760.926	2.54	Pupa	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_71277	AGGPHYVLR	AGAP004366-PA	-	74	3.51E-07	1	969.522	-4.82	Head	2R:-:55076852-55076826	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_72636	FALTGAVFAQDQAFLK	AGAP004366-PA	-	84	5.29E-08	2	1726.919	1.38	Pupa	2R:-:55077111-55077667,55076751-55076973	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_72738	TATETQVKWDR	AGAP004366-PA	-	87	3.39E-08	1	1334.673	2.29	Head	2R:-:55078296-55078264	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_73362	FALTGAVFAQDQAFLK	AGAP004366-PA	-	123	5.11E-12	1	1726.921	2.86	Visceras	2R:-:55077111-55077667,55076751-55076973	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA

JHU_Ag_73561	QVGENINSYNNFPR	AGAP004366-PA	-	106	4.07E-10	1	1651.784	1.13	Ovary	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_74058	NLTILGGGK	AGAP004366-PA	N1(Deamidated)	49	0.000186351	1	872.520	-0.51	Head	2R:-:55077303-55077277	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_74122	TPLDER	AGAP004366-PA	-	38	0.001099461	2	730.372	-0.83	Ovary	2R:-:55078263-55078246	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_75224	AADLMAGPYR	AGAP004366-PA	M5(Oxidation)	48	0.000197217	2	1080.513	-1.57	Visceras	2R:-:55078227-55078198	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_75508	AADLMAGPYRQELNAATMLGQAK	AGAP004366-PA	M5(Oxidation), M18(Oxidation)	61	1.20E-05	1	2452.207	4.47	Ovary	2R:-:55078227-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_77278	IMTEEIFGPVLTIYVYK	AGAP004366-PA	M2(Oxidation)	88	1.59E-08	1	2032.073	0.97	Midgut	2R:-:55077210-55077160	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_78072	TVIQAEIDSAAELIDFIR	AGAP004366-PA	-	153	3.72E-15	1	2004.072	3.33	Malpighian tubule	2R:-:55078158-55078105	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_79126	QELNAATMLGQAK	AGAP004366-PA	M8(Oxidation)	77	4.28E-07	1	1390.699	-0.22	Visceras	2R:-:55078197-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_79166	TPLDER	AGAP004366-PA	-	36	0.002547 58	2	730.374	1.76	Malpighian tubule	2R:-:55078263-55078246	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_79593	STGSVVGQQPFGGGR	AGAP004366-PA	-	76	5.24E-07	1	1433.713	-0.3	Male reproductive organs	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_80351	LAQFYYADQK	AGAP004366-PA	-	59	2.06E-05	2	1246.609	-1.19	Pupa	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_80530	DGLLMIR	AGAP004366-PA	M5(Oxidation)	47	0.000224169	1	833.456	1.02	Malpighian tubule	2R:-:55077438-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_80751	ALEEFK	AGAP004366-PA	-	38	0.002510982	2	736.388	0.33	Midgut	2R:-:55076969-55076952	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_81060	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	133	7.77E-13	1	1952.963	1.59	Salivary gland	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_81123	NYHFVHPSADVESVVNGTIR	AGAP004366-PA	N16(Deamidated)	61	1.18E-05	1	2241.111	2.99	Salivary gland	2R:-:55077579-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_81629	ALEEFKMTAGNFYLNDK	AGAP004366-PA	M7(Oxidation)	77	3.42E-07	1	2006.964	5.61	Head	2R:-:55076969-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_81685	IKSYIEHAR	AGAP004366-PA	-	38	0.002092 07	1	1116.624	6.96	Midgut	2R:-:55077339-55077313	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_82121	AASKMEDVPIVIGSEEIR	AGAP004366-PA	M5(Oxidation)	72	9.95E-07	1	1960.010	1.98	Malpighian tubule	2R:-:55078449-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_82413	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	136	1.80E-13	1	1883.017	-0.38	Midgut	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_82424	ALEEFK	AGAP004366-PA	-	37	0.002683142	2	736.389	1.57	Malpighian tubule	2R:-:55076969-55076952	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_82591	FALTGAVFAQDQAFLK	AGAP004366-PA	-	145	4.02E-14	1	1726.917	0.1	Head	2R:-:55077111-55077667,55076751-55076973	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_82634	AGGPHYVLR	AGAP004366-PA	-	45	0.000235089	2	969.528	1.98	Male reproductive organs	2R:-:55076852-55076826	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_82814	MEDVPIVIGSEEIR	AGAP004366-PA	M1(Oxidation)	50	0.000142026	1	1586.815	3.52	Pupa	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_83792	AADLMAGPYRQELNAATMLGQAK	AGAP004366-PA	M5(Oxidation), M18(Oxidation)	48	0.000215709	1	2452.204	3.13	Salivary gland	2R:-:55078227-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_84816	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	151	5.84E-15	1	1883.021	1.89	Malpighian tubule	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_85070	IKSYIEHAR	AGAP004366-PA	-	50	0.000168551	1	1116.616	0.31	Head	2R:-:55077339-55077313	exon=> In CDS Exon 3 of transcript AGAP004366-PA

JHU_Ag_85185	TVIQAEIDSAAELIDFIR	AGAP004366-PA	-	153	4.02E-15	1	2004.065	0.1	Ovary	2R:-:55078158-55078105	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_86254	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	-	128	2.11E-12	1	1929.931	12.1	Ovary	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_86480	EAGVPPGVVNFVPTDGPVFGDTITASPHLAGINFTGSVPTFNR	AGAP004366-PA	-	116	1.54E-11	1	4352.209	2.37	Head	2R:-:55077861-55078585,55077077-55077655	exon=> In CDS Exon 3 and 2 of transcript AGAP004366-PA
JHU_Ag_86687	STGSVVGQQPFGGGR	AGAP004366-PA	-	48	0.000322048	2	1433.708	-3.79	Midgut	2R:-:55076918-55076874	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_87065	DKDLDSAMK	AGAP004366-PA	-	52	7.88E-05	1	1022.484	1.55	Malpighian tubule	2R:-:55077159-55077133	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_87875	LAQFYYADQK	AGAP004366-PA	-	73	7.74E-07	2	1246.609	-1.19	Midgut	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_88507	AADLMAGPYR	AGAP004366-PA	M5(Oxidation)	66	3.93E-06	1	1080.517	2.5	Larva	2R:-:55078227-55078198	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_88906	SYIEHAR	AGAP004366-PA	-	52	0.000110794	1	875.437	-0.22	Midgut	2R:-:55077333-55077313	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_89724	SYIEHAR	AGAP004366-PA	-	52	0.000112939	1	875.438	1.38	Malpighian tubule	2R:-:55077333-55077313	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_90778	QVGENINSYNNFPR	AGAP004366-PA	-	82	1.12E-07	1	1651.783	0.54	Pupa	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_91085	QVGENINSYNNFPR	AGAP004366-PA	-	79	2.34E-07	1	1651.783	0.39	Visceras	2R:-:55077645-55077604	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_91150	QELNAATMLGQAK	AGAP004366-PA	M8(Oxidation)	73	9.27E-07	1	1390.700	0.22	Ovary	2R:-:55078197-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_91163	MNTYYLK	AGAP004366-PA	M1(Oxidation)	48	0.000200868	2	948.446	-3.64	Head	2R:-:55078104-55078084	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_92975	MTAGNFYLNDK	AGAP004366-PA	M1(Oxidation)	59	1.34E-05	2	1273.593	3.72	Ovary	2R:-:55076951-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_93327	QELNAATMLGQAK	AGAP004366-PA	M8(Oxidation)	83	8.24E-08	1	1374.708	2.21	Head	2R:-:55078197-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_93618	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	117	3.40E-11	1	1952.962	0.84	Visceras	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_94014	TVIQAEIDSAAELIDFIR	AGAP004366-PA	-	133	3.46E-13	1	2004.071	3.09	Head	2R:-:55078158-55078105	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_94067	NLTILGGGK	AGAP004366-PA	-	48	0.000244838	1	872.523	3.33	Ovary	2R:-:55077303-55077277	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_94397	DLDSAMK	AGAP004366-PA	-	53	7.77E-05	1	779.362	1.7	Head	2R:-:55077153-55077133	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_94810	VGDVTDFSNFTSAVIDDKAFAR	AGAP004366-PA	-	143	8.04E-14	1	2375.160	3.76	Head	2R:-:55077405-55077340	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_95142	VGDVTDFSNFTSAVIDDKAFAR	AGAP004366-PA	-	128	2.37E-12	1	2375.162	4.3	Ovary	2R:-:55077405-55077340	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_95229	IMTEEIFGPVLTIYVYK	AGAP004366-PA	M2(Oxidation)	110	9.82E-11	1	2032.076	2.22	Malpighian tubule	2R:-:55077210-55077160	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_95811	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	N9(Deamidated)	150	1.16E-14	1	1929.904	-2.13	Midgut	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_95972	RALEEFK	AGAP004366-PA	-	34	0.005041848	2	892.486	-3.54	Head	2R:-:55076972-55076952	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_96271	ALEEFKMTAGNFYLNDK	AGAP004366-PA	M7(Oxidation)	96	4.34E-09	1	2006.955	0.81	Ovary	2R:-:55076969-55076919	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_96498	YQPISEDAK	AGAP004366-PA	-	33	0.008293092	1	1050.511	1.16	Head	2R:-:55078071-55078045	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_97369	ETFVPLKDIDYPYMR	AGAP004366-PA	M14(Oxidation)	50	0.000171527	1	1902.935	2.12	Malpighian tubule	2R:-:55076801-55076757	exon=> In CDS Exon 4 of transcript AGAP004366-PA

JHU_Ag_97371	MEDVPIVIGSEEIR	AGAP004366-PA	M1(Oxidation)	90	1.46E-08	1	1602.805	0.18	Ovary	2R:-:55078437-55078396	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_97605	NYHFVHPSADVESVVNGTIR	AGAP004366-PA	N16(Deamidated)	133	7.02E-13	1	2241.114	4.22	Midgut	2R:-:55077579-55077520	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_97973	SAFEFCGQK	AGAP004366-PA	C6(Carbamidomethyl)	57	1.08E-05	1	1073.470	-1.6	Head	2R:-:55077519-55077493	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_98249	LAQFYYADQK	AGAP004366-PA	-	67	2.67E-06	2	1246.610	-0.11	Salivary gland	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_98606	LAQFYYADQK	AGAP004366-PA	-	59	1.71E-05	2	1246.614	3.12	Larva	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_100121	ALEEFK	AGAP004366-PA	-	34	0.005007763	1	736.389	2.01	Head	2R:-:55076969-55076952	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_100129	EAGVPPGVVNFVPTDGPVFGDTITASPHLAGINFTGSVPTFNR	AGAP004366-PA	-	31	0.005624382	1	4352.200	0.22	Midgut	2R:-:55077861-55078585,55077077-55077655	exon=> In CDS Exon 3 and 2 of transcript AGAP004366-PA
JHU_Ag_102543	AADLMAGPYRQELNAATMLGQAK	AGAP004366-PA	M5(Oxidation), M18(Oxidation)	95	4.30E-09	1	2452.202	2.6	Malpighian tubule	2R:-:55078227-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_102569	AGGPHYVLR	AGAP004366-PA	-	68	1.08E-06	1	969.528	2.04	Ovary	2R:-:55076852-55076826	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_102623	VGDVTDFSNFTSAVIDDK	AGAP004366-PA	-	155	3.98E-15	1	1929.908	0.27	Visceras	2R:-:55077405-55077352	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_104018	MNTYYLK	AGAP004366-PA	-	42	0.001194714	1	932.457	2.76	Malpighian tubule	2R:-:55078104-55078084	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_104269	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	85	4.60E-08	2	1952.960	0.03	Male reproductive organs	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_105490	QELNAATMLGQAK	AGAP004366-PA	M8(Oxidation)	84	7.60E-08	2	1374.705	0.52	Malpighian tubule	2R:-:55078197-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_107784	VKDGLLMIR	AGAP004366-PA	M7(Oxidation)	53	2.86E-05	1	1044.623	-0.49	Visceras	2R:-:55077444-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_108105	QELNAATMLGQAK	AGAP004366-PA	-	92	1.13E-08	2	1374.702	-1.96	Midgut	2R:-:55078197-55078159	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_108160	ETFVPLKDIDYPYMR	AGAP004366-PA	M14(Oxidation)	32	0.009530696	1	1902.935	2.32	Head	2R:-:55076801-55076757	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_108783	MYVPESLWPK	AGAP004366-PA	-	46	0.000382971	1	1249.629	0.66	Head	2R:-:55077474-55077445	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_108892	LAEFPLENEPILGYR	AGAP004366-PA	-	92	8.33E-09	1	1760.926	2.54	Salivary gland	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_109203	GYFIEPTIVQTTDPTDR	AGAP004366-PA	-	143	7.99E-14	1	1952.962	1.16	Malpighian tubule	2R:-:55077261-55077211	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_109301	LAEFPLENEPILGYR	AGAP004366-PA	-	117	2.51E-11	1	1760.929	4.14	Ovary	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_109578	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	117	1.47E-11	1	1883.023	2.92	Ovary	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_110278	TPLDER	AGAP004366-PA	-	39	0.000794657	1	730.373	-0.58	Midgut	2R:-:55078263-55078246	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_110591	LAEFPLENEPILGYR	AGAP004366-PA	-	124	5.71E-12	1	1760.929	4.14	Larva	2R:-:55078539-55078495	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_111680	LAQFYYADQK	AGAP004366-PA	-	56	3.43E-05	1	1246.608	-1.52	Ovary	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_113558	MYVPESLWPK	AGAP004366-PA	-	35	0.00554115	1	1249.629	0.27	Midgut	2R:-:55077474-55077445	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_113756	AGGPHYVLR	AGAP004366-PA	-	69	1.02E-06	1	969.527	0.34	Malpighian tubule	2R:-:55076852-55076826	exon=> In CDS Exon 4 of transcript AGAP004366-PA
JHU_Ag_114407	AADLMAGPYR	AGAP004366-PA	M5(Oxidation)	71	9.72E-07	1	1080.514	-0.67	Midgut	2R:-:55078227-55078198	exon=> In CDS Exon 2 of transcript AGAP004366-PA

JHU_Ag_115078	DGLLMIR	AGAP004366-PA	M5(Oxidation)	47	0.000213975	2	833.456	1.75	Salivary gland	2R:-:55077438-55077418	exon=> In CDS Exon 3 of transcript AGAP004366-PA
JHU_Ag_116084	LAQFYYADQK	AGAP004366-PA	-	59	1.74E-05	2	1246.610	-0.01	Malpighian tubule	2R:-:55078347-55078318	exon=> In CDS Exon 2 of transcript AGAP004366-PA
JHU_Ag_116162	FALTGAVFAQDQAFLKR	AGAP004366-PA	-	146	1.90E-14	1	1883.020	1.37	Visceras	2R:-:55077111-55077667,55076751-55076970	exon=> In CDS Exon 4 and 3 of transcript AGAP004366-PA
JHU_Ag_6926	YEFTCSEGTGWDESK	AGAP004367-PA	C5(Carbamidomethyl)	71	1.74E-07	2	1795.720	4.87	Larva	2R:-:55100463-55100419	exon=> In CDS Exon 2 of transcript AGAP004367-PA
JHU_Ag_78907	YEFTCSEGTGWDESK	AGAP004367-PA	C5(Carbamidomethyl)	84	8.02E-09	1	1795.716	2.43	Pupa	2R:-:55100463-55100419	exon=> In CDS Exon 2 of transcript AGAP004367-PA
JHU_Ag_106345	QLPVMQLGSMEPLCPTDGHFAIDDQK	AGAP004367-PA	M5(Oxidation), M10(Oxidation), C14(Carbamidomethyl)	34	0.004283566	1	2959.362	-0.63	Head	2R:-:55098191-55099509,55097834-55098047	exon=> In CDS Exon 4 and 3 of transcript AGAP004367-PA
JHU_Ag_38695	NTTLGNTLQESLDELIQYGQITPQLAVR	AGAP004370-PA	-	119	8.59E-12	1	3115.634	2.33	Ovary	2R:+:55365452-55365502,55365596-55365628	exon=> In CDS Exon 1 and 2 of transcript AGAP004370-PA
JHU_Ag_50102	GDLPAEMELTQRPATNTHTAAQ	AGAP004373-PC,AGAP004373-PA	M7(Oxidation)	45	0.000565625	1	2368.126	2.38	Head	2R:+:55461216-55461281;2R:+:55461216-55461281	exon=> In CDS Exon 9 of transcript AGAP004373-PC;exon=> In CDS Exon 9 of transcript AGAP004373-PA
JHU_Ag_213	TGATETVKR	AGAP004376-PA	-	60	1.10E-05	2	962.526	-1	Male reproductive organs	2R:+:55498244-55498270	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_2030	GFDDNFCLTK	AGAP004376-PA	C7(Carbamidomethyl)	52	3.53E-05	2	1216.531	0.17	Midgut	2R:+:55499016-55499045	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_4609	FDVLRD	AGAP004376-PA	-	35	0.004278938	1	764.395	2.01	Malpighian tubule	2R:+:55499477-55499494	exon=> In CDS Exon 3 of transcript AGAP004376-PA
JHU_Ag_7908	FICVGGTPYDLR	AGAP004376-PA	C3(Carbamidomethyl)	59	1.44E-05	2	1397.691	2.11	Pupa	2R:+:55498935-55498970	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_12713	ITDTDADSIPSGK	AGAP004376-PA	-	69	2.06E-06	2	1319.632	-0.53	Midgut	2R:+:55498896-55498934	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_22155	SAPPVTLTVDGFGTVK	AGAP004376-PA	-	54	5.19E-05	1	1588.859	0.78	Midgut	2R:+:55498187-55498234	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_25112	SAPPVTLTVDGFGTVK	AGAP004376-PA	-	41	0.000978071	2	1588.859	0.32	Male reproductive organs	2R:+:55498187-55498234	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_28271	FTLNGQEFQVTK	AGAP004376-PA	N4(Deamidated)	89	1.50E-08	2	1411.720	-1.51	Male reproductive organs	2R:+:55498475-55498510	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_28748	AASTKPTPINLTNHSYFNLAGHATGHEEIYR	AGAP004376-PA	-	77	2.01E-07	1	3410.696	2.31	Male reproductive organs	2R:+:55498706-55498771,55498842-55498868	exon=> In CDS Exon 1 and 2 of transcript AGAP004376-PA
JHU_Ag_29138	LEPLIPEGAADPPIR	AGAP004376-PA	-	36	0.002053307	1	1587.876	1.39	Pupa	2R:+:55499291-55499335	exon=> In CDS Exon 3 of transcript AGAP004376-PA
JHU_Ag_32288	FICVGGTPYDLR	AGAP004376-PA	C3(Carbamidomethyl)	60	1.29E-05	2	1397.689	0.45	Male reproductive organs	2R:+:55498935-55498970	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_51354	ITDTDADSIPSGK	AGAP004376-PA	-	56	3.86E-05	2	1319.632	-0.53	Pupa	2R:+:55498896-55498934	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_55283	HVVSINADKITDTDADSIPSGK	AGAP004376-PA	-	137	2.28E-13	1	2283.145	-0.46	Midgut	2R:+:55498869-55498934	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_56643	SAPPVTLTVDGFGTVK	AGAP004376-PA	-	41	0.000999781	2	1588.861	1.55	Pupa	2R:+:55498187-55498234	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_63471	ADNRFEALFK	AGAP004376-PA	-	40	0.00111547	1	1210.621	-0.69	Midgut	2R:+:55498676-55498705	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_78675	FTLNGQEFQVTK	AGAP004376-PA	N4(Deamidated)	91	1.09E-08	2	1412.705	-0.39	Midgut	2R:+:55498475-55498510	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_85055	HVVSINADKITDTDADSIPSGK	AGAP004376-PA	-	79	1.34E-07	1	2283.150	1.79	Pupa	2R:+:55498869-55498934	exon=> In CDS Exon 2 of transcript AGAP004376-PA

JHU_Ag_91269	NINPKPVNAPEYYEVTR	AGAP004376-PA	-	57	2.94E-05	1	2004.020	0.62	Midgut	2R:+:55499175-55499177,55499243-55499290	exon=> In CDS Exon 2 and 3 of transcript AGAP004376-PA
JHU_Ag_102520	HGAFCLETQNFPDAINQPNFPSAVLNPGAQYVHEVVYK	AGAP004376-PA	C5(Carbamidomethyl)	34	0.002992885	1	4272.102	9.55	Malpighian tubule	2R:+:55499363-55499476	exon=> In CDS Exon 3 of transcript AGAP004376-PA
JHU_Ag_104381	VIHPHSGR	AGAP004376-PA	-	42	0.001587877	1	902.495	-0.28	Male reproductive organs	2R:+:55499079-55499102	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_104812	NINPKPVNAPEYYEVTR	AGAP004376-PA	-	78	2.75E-07	1	2004.017	-1.03	Male reproductive organs	2R:+:55499175-55499177,55499243-55499290	exon=> In CDS Exon 2 and 3 of transcript AGAP004376-PA
JHU_Ag_111609	FICVGGTPYDLRIPR	AGAP004376-PA	C3(Carbamidomethyl)	49	0.000162694	1	1763.929	1.64	Malpighian tubule	2R:+:55498935-55498979	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_112591	FTLNGQEFQVTK	AGAP004376-PA	N4(Deamidated)	65	4.38E-06	2	1412.706	0.13	Pupa	2R:+:55498475-55498510	exon=> In CDS Exon 1 of transcript AGAP004376-PA
JHU_Ag_114002	LEPLIPEGAADPPIR	AGAP004376-PA	-	33	0.00451254	1	1587.874	-0.3	Midgut	2R:+:55499291-55499335	exon=> In CDS Exon 3 of transcript AGAP004376-PA
JHU_Ag_114791	NINPKPVNAPEYYEVTR	AGAP004376-PA	-	45	0.000563881	1	2004.019	0.22	Pupa	2R:+:55499175-55499177,55499243-55499290	exon=> In CDS Exon 2 and 3 of transcript AGAP004376-PA
JHU_Ag_117298	FICVGGTPYDLR	AGAP004376-PA	C3(Carbamidomethyl)	59	1.76E-05	1	1397.688	-0.33	Malpighian tubule	2R:+:55498935-55498970	exon=> In CDS Exon 2 of transcript AGAP004376-PA
JHU_Ag_1929	MDFYHLPLSAPCQSIR	AGAP004378-PA	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	59	1.88E-05	1	1992.938	3.43	Malpighian tubule	2R:+:55501957-55502004	exon=> In CDS Exon 1 of transcript AGAP004378-PA
JHU_Ag_5377	MDFYHLPLSAPCQSIR	AGAP004378-PA	N-Term(Acetyl), C12(Carbamidomethyl)	70	1.73E-06	1	1976.947	5.77	Malpighian tubule	2R:+:55501957-55502004	exon=> In CDS Exon 1 of transcript AGAP004378-PA
JHU_Ag_25009	ELNPELVVK	AGAP004378-PA	-	37	0.000923191	1	1040.603	3.93	Midgut	2R:+:55502393-55502419	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_26653	INPQHTVPTLVDNDFVLWESR	AGAP004378-PA	-	101	8.48E-10	1	2480.268	4.5	Midgut	2R:+:55502168-55502230	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_46601	MDFYHLPLSAPCQSIR	AGAP004378-PA	N-Term(Acetyl), C12(Carbamidomethyl)	32	0.011695393	1	1976.935	-0.35	Midgut	2R:+:55501957-55502004	exon=> In CDS Exon 1 of transcript AGAP004378-PA
JHU_Ag_54022	LDEALEFLESFLDK	AGAP004378-PA	-	71	1.22E-06	1	1668.845	5.01	Malpighian tubule	2R:+:55502420-55502461	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_60598	INPQHTVPTLVDNDFVLWESR	AGAP004378-PA	-	92	6.43E-09	1	2480.271	5.68	Malpighian tubule	2R:+:55502168-55502230	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_66668	INPQHTVPTLVDNDFVLWESR	AGAP004378-PA	-	79	1.55E-07	1	2480.264	2.65	Visceras	2R:+:55502168-55502230	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_79012	FSQAFYPVMMEGK	AGAP004378-PA	M9(Oxidation), M10(Oxidation)	38	0.001642415	2	1566.705	4.93	Larva	2R:+:55502354-55502392	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_99407	FSQAFYPVMMEGK	AGAP004378-PA	M10(Oxidation),"M9(Oxidation), M10(Oxidation)"	65	3.36E-06	2	1550.703	0.84	Midgut	2R:+:55502354-55502392	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_105307	LDEALEFLESFLDK	AGAP004378-PA	-	109	2.07E-10	2	1668.840	1.79	Midgut	2R:+:55502420-55502461	exon=> In CDS Exon 2 of transcript AGAP004378-PA
JHU_Ag_42328	MDLYYHIR	AGAP004380-PA	N-Term(Acetyl)	51	9.48E-05	2	1152.554	2.89	Malpighian tubule	2R:-:55505297-55505274	exon=> In CDS Exon 1 of transcript AGAP004380-PA
JHU_Ag_58260	MDLYYHIR	AGAP004380-PA	N-Term(Acetyl)	42	0.000918796	2	1152.551	0.25	Male reproductive organs	2R:-:55505297-55505274	exon=> In CDS Exon 1 of transcript AGAP004380-PA
JHU_Ag_93122	MDLYYHIR	AGAP004380-PA	N-Term(Acetyl), M1(Oxidation)	41	0.00095571	1	1168.546	0.31	Male reproductive organs	2R:-:55505297-55505274	exon=> In CDS Exon 1 of transcript AGAP004380-PA
JHU_Ag_116186	LFFDSGMFQNTTLQAVLSHLR	AGAP004380-PA	M7(Oxidation)	103	6.00E-10	1	2441.225	-1.17	Midgut	2R:-:55504933-55504871	exon=> In CDS Exon 2 of transcript AGAP004380-PA

JHU_Ag_1960	SPPCQPVVFLAR	AGAP004380-PA,AGAP012838-PA	C4(Carbamidomethyl)	62	6.07E-06	1	1370.731	4.12	Malpighian tubule	2R:-:55505273-55505238;UNKN:-:33266624-33266589	exon=> In CDS Exon 1 of transcript AGAP004380-PA;exon=> In CDS Exon 1 of transcript AGAP012838-PA
JHU_Ag_16164	SPPCQPVVFLAR	AGAP004380-PA,AGAP012838-PA	C4(Carbamidomethyl)	41	0.000816869	2	1370.724	-0.77	Midgut	2R:-:55505273-55505238;UNKN:-:33266624-33266589	exon=> In CDS Exon 1 of transcript AGAP004380-PA;exon=> In CDS Exon 1 of transcript AGAP012838-PA
JHU_Ag_16760	SPPCQPVVFLAR	AGAP004380-PA,AGAP012838-PA	C4(Carbamidomethyl)	62	7.11E-06	1	1370.726	0.65	Male reproductive organs	2R:-:55505273-55505238;UNKN:-:33266624-33266589	exon=> In CDS Exon 1 of transcript AGAP004380-PA;exon=> In CDS Exon 1 of transcript AGAP012838-PA
JHU_Ag_30192	SIVHQR	AGAP004380-PA,AGAP012838-PA	-	30	0.003751702	1	739.421	0.13	Male reproductive organs	2R:-:55504951-55504934;UNKN:-:33266302-33266285	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_32859	GVEIVEMYLTDSPYVAGQK	AGAP004380-PA,AGAP012838-PA	M7(Oxidation)	60	1.69E-05	2	2115.034	1.16	Male reproductive organs	2R:-:55504828-55504772;UNKN:-:33266179-33266123	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_35472	HLGLEFNHIVTSIYDPADFEVLKK	AGAP004380-PA,AGAP012838-PA	-	88	1.03E-08	1	2785.459	0.93	Midgut	2R:-:55505237-55505166;UNKN:-:33266588-33266517	exon=> In CDS Exon 1 of transcript AGAP004380-PA;exon=> In CDS Exon 1 of transcript AGAP012838-PA
JHU_Ag_55189	HLGLEFNHIVTSIYDPADFEVLKK	AGAP004380-PA,AGAP012838-PA	-	57	1.43E-05	1	2785.462	2.24	Head	2R:-:55505237-55505166;UNKN:-:33266588-33266517	exon=> In CDS Exon 1 of transcript AGAP004380-PA;exon=> In CDS Exon 1 of transcript AGAP012838-PA
JHU_Ag_59278	NNPITDEHLAK	AGAP004380-PA,AGAP012838-PA	-	64	6.55E-06	1	1251.633	0.11	Male reproductive organs	2R:-:55504870-55504838;UNKN:-:33266221-33266189	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_71860	GVEIVEMYLTDSPYVAGQK	AGAP004380-PA,AGAP012838-PA	M7(Oxidation)	110	1.47E-10	2	2115.032	0	Midgut	2R:-:55504828-55504772;UNKN:-:33266179-33266123	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_73819	YALDDSLYPK	AGAP004380-PA,AGAP012838-PA	-	50	8.95E-05	1	1184.584	0.11	Male reproductive organs	2R:-:55504996-55504967;UNKN:-:33266347-33266318	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_86927	NNPITDEHLAK	AGAP004380-PA,AGAP012838-PA	-	58	2.72E-05	1	1251.633	0.02	Midgut	2R:-:55504870-55504838;UNKN:-:33266221-33266189	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_94407	NNPITDEHLAK	AGAP004380-PA,AGAP012838-PA	-	62	9.49E-06	1	1251.635	1.48	Malpighian tubule	2R:-:55504870-55504838;UNKN:-:33266221-33266189	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_102311	YDLTAYPNVQR	AGAP004380-PA,AGAP012838-PA	-	58	2.03E-05	2	1339.665	0.9	Male reproductive organs	2R:-:55504714-55504682;UNKN:-:33266065-33266033	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_105671	HLGLEFNHIVTSIYDPADFEVLK	AGAP004380-PA,AGAP012838-PA	-	55	3.07E-05	1	2657.379	6.9	Malpighian tubule	2R:-:55505237-55505169;UNKN:-:33266588-33266520	exon=> In CDS Exon 1 of transcript AGAP004380-PA;exon=> In CDS Exon 1 of transcript AGAP012838-PA

JHU_Ag_109381	YDLTAYPNVQR	AGAP004380-PA,AGAP012838-PA	-	47	0.000242462	2	1339.665	0.36	Head	2R:-:55504714-55504682;UNKN:-:33266065-33266033	exon=> In CDS Exon 2 of transcript AGAP004380-PA;exon=> In CDS Exon 2 of transcript AGAP012838-PA
JHU_Ag_112961	SPPCQPVVFLAR	AGAP004380-PA,AGAP012838-PA	C4(Carbamidomethyl)	46	0.000314706	2	1370.723	-1.31	Head	2R:-:55505273-55505238;UNKN:-:33266624-33266589	exon=> In CDS Exon 1 of transcript AGAP004380-PA;exon=> In CDS Exon 1 of transcript AGAP012838-PA
JHU_Ag_87396	VVAELPGCVEFQR	AGAP004381-PA	C8(Carbamidomethyl)	86	4.60E-08	1	1503.763	0.32	Male reproductive organs	2R:-:55505842-55505804	exon=> In CDS Exon 2 of transcript AGAP004381-PA
JHU_Ag_26865	AVDVLESFLYER	AGAP004381-PA,AGAP012839-PA	-	85	4.90E-08	1	1440.738	0.6	Male reproductive organs	2R:-:55506004-55505969;UNKN:-:33267357-33267322	exon=> In CDS Exon 2 of transcript AGAP004381-PA;exon=> In CDS Exon 1 of transcript AGAP012839-PA
JHU_Ag_69641	EVEDATR	AGAP004381-PA,AGAP012839-PA	-	46	0.000400101	2	819.385	0.36	Male reproductive organs	2R:-:55505803-55505783;UNKN:-:33267156-33267136	exon=> In CDS Exon 2 of transcript AGAP004381-PA;exon=> In CDS Exon 1 of transcript AGAP012839-PA
JHU_Ag_94545	IRDWLGR	AGAP004381-PA,AGAP012839-PA	-	47	0.000285693	2	915.516	-0.18	Male reproductive organs	2R:-:55505863-55505843;UNKN:-:33267216-33267196	exon=> In CDS Exon 2 of transcript AGAP004381-PA;exon=> In CDS Exon 1 of transcript AGAP012839-PA
JHU_Ag_954	AYVASK	AGAP004382-PA	-	42	0.000434359	1	638.351	0.49	Male reproductive organs	2R:-:55509389-55509372	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_2300	KAMDLLEHFLTER	AGAP004382-PA	-	39	0.001823274	3	1602.829	-1.27	Midgut	2R:-:55509611-55509573	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_2603	YDLEPFPHIK	AGAP004382-PA	-	64	5.40E-06	1	1258.649	1.52	Midgut	2R:-:55509494-55509465	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_4484	QIIDIIHLVVK	AGAP004382-PA	-	64	1.24E-07	1	1290.817	1.69	Midgut	2R:-:55509683-55509651	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_5822	QIIDIIHLVVK	AGAP004382-PA	-	53	1.52E-06	1	1290.819	3.64	Malpighian tubule	2R:-:55509683-55509651	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_6973	QIIDIIHLVVKK	AGAP004382-PA	-	46	2.80E-06	1	1418.914	2.91	Malpighian tubule	2R:-:55509683-55509648	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_7552	VTGEIPDYAEFRK	AGAP004382-PA	-	68	2.72E-06	1	1524.773	2.39	Malpighian tubule	2R:-:55509449-55509411	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_7720	DDTLYPK	AGAP004382-PA	-	40	0.001246581	1	851.416	1.29	Midgut	2R:-:55509767-55509747	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_9500	QIIDIIHLVVKK	AGAP004382-PA	-	40	9.44E-06	2	1418.910	0.47	Male reproductive organs	2R:-:55509683-55509648	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_13634	AMDLLEHFLTER	AGAP004382-PA	M2(Oxidation)	100	1.62E-09	1	1474.743	4.67	Malpighian tubule	2R:-:55509608-55509573	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_26068	KDVEEATK	AGAP004382-PA	-	47	0.000390045	2	919.473	-0.55	Male reproductive organs	2R:-:55509413-55509390	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_28952	KLGITLNLK	AGAP004382-PA	-	19	0.007536 18	1	999.670	14.26	Midgut	2R:-:55510007-55509981	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_32156	LGITLNLK	AGAP004382-PA	-	41	0.000210 07	2	871.562	0.6	Male reproductive organs	2R:-:55510004-55509981	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_32352	LGITLNLK	AGAP004382-PA	N6(Deamidated)	28	0.005781759	1	872.556	12.06	Pupa	2R:-:55510004-55509981	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_33274	QIIDIIHLVVK	AGAP004382-PA	-	38	4.77E-05	1	1290.815	0.14	Male reproductive organs	2R:-:55509683-55509651	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_39834	LGITLNLK	AGAP004382-PA	N6(Deamidated)	43	0.000200475	2	872.557	13.11	Ovary	2R:-:55510004-55509981	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_41268	DVEEATK	AGAP004382-PA	-	47	0.000374349	1	791.378	0.07	Male reproductive organs	2R:-:55509410-55509390	exon=> In CDS Exon 2 of transcript AGAP004382-PA

JHU_Ag_43944	EQPTDEQMEK	AGAP004382-PA	M8(Oxidation)	51	2.25E-05	1	1250.523	2.32	Male reproductive organs	2R:-:55509647-55509618	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_46638	AMDLLEHFLTER	AGAP004382-PA	M2(Oxidation)	101	1.24E-09	1	1474.745	6.16	Midgut	2R:-:55509608-55509573	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_53319	VTGEIPDYAEFR	AGAP004382-PA	-	62	1.06E-05	1	1396.677	1.65	Male reproductive organs	2R:-:55509449-55509414	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_57836	KAMDLLEHFLTER	AGAP004382-PA	M3(Oxidation)	80	1.81E-07	1	1618.825	-0.29	Male reproductive organs	2R:-:55509611-55509573	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_63395	LGITLNLKK	AGAP004382-PA	-	38	0.000100728	1	999.657	0.46	Male reproductive organs	2R:-:55510004-55509978	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_63908	YDLEPFPHIK	AGAP004382-PA	-	58	2.16E-05	1	1258.648	0.75	Malpighian tubule	2R:-:55509494-55509465	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_64371	LGITLNLK	AGAP004382-PA	N6(Deamidated)	43	0.000189261	1	872.556	12.34	Visceras	2R:-:55510004-55509981	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_70006	AMDLLEHFLTER	AGAP004382-PA	M2(Oxidation)	56	4.24E-05	1	1490.734	1.98	Head	2R:-:55509608-55509573	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_80459	EQPTDEQMEK	AGAP004382-PA	M8(Oxidation)	47	6.43E-05	2	1250.520	-0.32	Midgut	2R:-:55509647-55509618	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_84347	VTGEIPDYAEFRK	AGAP004382-PA	-	84	6.48E-08	1	1524.771	1.19	Male reproductive organs	2R:-:55509449-55509411	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_84889	VTGEIPDYAEFRK	AGAP004382-PA	-	32	0.008777443	1	1524.785	10.56	Midgut	2R:-:55509449-55509411	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_90287	MDYYYSLISPPCQSAILVAK	AGAP004382-PA	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	45	0.000457104	1	2377.147	0.45	Male reproductive organs	2R:-:55510067-55510008	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_94057	YDLEPFPHIK	AGAP004382-PA	-	60	1.45E-05	1	1258.646	-0.26	Male reproductive organs	2R:-:55509494-55509465	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_96252	KLGITLNLK	AGAP004382-PA	-	45	1.88E-05	2	999.657	0.4	Male reproductive organs	2R:-:55510007-55509981	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_103429	VTGEIPDYAEFR	AGAP004382-PA	-	74	6.10E-07	1	1396.677	2	Malpighian tubule	2R:-:55509449-55509414	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_103502	VTGEIPDYAEFR	AGAP004382-PA	-	57	3.01E-05	2	1396.674	-0.54	Midgut	2R:-:55509449-55509414	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_110192	AYVASKK	AGAP004382-PA	-	48	8.41E-05	1	766.446	0.73	Male reproductive organs	2R:-:55509389-55509369	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_114310	KEQPTDEQMEK	AGAP004382-PA	M9(Oxidation)	59	1.16E-05	2	1378.615	-0.2	Male reproductive organs	2R:-:55509650-55509618	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_114664	LGITLNLKK	AGAP004382-PA	-	35	0.000198222	1	999.658	1.5	Malpighian tubule	2R:-:55510004-55509978	exon=> In CDS Exon 1 of transcript AGAP004382-PA
JHU_Ag_116614	AMDLLEHFLTER	AGAP004382-PA	M2(Oxidation)	95	4.93E-09	1	1490.733	1.16	Male reproductive organs	2R:-:55509608-55509573	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_117657	YDLEPFPHIK	AGAP004382-PA	-	36	0.003739511	2	1258.648	0.84	Head	2R:-:55509494-55509465	exon=> In CDS Exon 2 of transcript AGAP004382-PA
JHU_Ag_14150	ALGLLESFVK	AGAP004383-PA	-	65	9.70E-07	2	1076.639	3.83	Larva	2R:-:55513322-55513293	exon=> In CDS Exon 2 of transcript AGAP004383-PA
JHU_Ag_1026	AAAFEVQVGLHELLGHGSGK	AGAP004394-PA	-	73	5.10E-07	1	2020.067	2.95	Salivary gland	2R:+:55592661-55592720	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_1796	VLLEAGEGLVNVQETEEGKNLLLK	AGAP004394-PA	-	65	1.02E-06	1	2595.428	1.39	Visceras	2R:+:55593081-55593152	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_2737	FGTLVSNAENFIK	AGAP004394-PA	-	65	2.82E-06	1	1439.763	7.13	Head	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_3298	MIFLQSNTAIDADTGKVVLK	AGAP004394-PA	M1(Oxidation)	104	2.07E-10	1	2164.182	6.11	Malpighian tubule	2R:+:55593348-55593407	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_3623	FGTLVSNAENFIK	AGAP004394-PA	-	71	8.04E-07	1	1439.759	3.99	Ovary	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA

JHU_Ag_3864	WRDIVLLHK	AGAP004394-PA	-	32	0.001245772	1	1179.700	-0.03	Midgut	2R:+:55593312-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_4576	GEFEGFVAMVNK	AGAP004394-PA	M9(Oxidation)	37	0.002372564	1	1343.632	1.42	Malpighian tubule	2R:+:55592233-55592268	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_5043	HSANENQLQMIEAYVESFR	AGAP004394-PA	M10(Oxidation)	101	1.03E-09	1	2282.051	0.02	Midgut	2R:+:55592059-55592115	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_7235	AAAFEVQVGLHELLGHGSGKLLR	AGAP004394-PA	-	77	4.80E-08	1	2402.341	4.39	Malpighian tubule	2R:+:55592661-55592729	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_7513	LKNPLTGEPVSCWYEPGETYDSK	AGAP004394-PA	C12(Carbamidomethyl)	79	1.66E-07	1	2670.242	1.16	Visceras	2R:+:55592769-55592837	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_7979	SLGSSYEECR	AGAP004394-PA	C9(Carbamidomethyl)	48	5.00E-05	2	1187.500	0.13	Pupa	2R:+:55592844-55592873	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_8233	FEAYICR	AGAP004394-PA	C6(Carbamidomethyl)	34	0.002583331	2	958.446	0.73	Salivary gland	2R:+:55591852-55591872	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_13127	NVSLGNVLANTNK	AGAP004394-PA	-	97	2.83E-09	2	1343.728	-0.08	Midgut	2R:+:55592565-55592603	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_15427	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	49	0.000186402	2	2014.035	0.35	Visceras	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_15889	AAAFEVQVGLHELLGHGSGK	AGAP004394-PA	-	136	2.58E-13	1	2020.056	-2.33	Midgut	2R:+:55592661-55592720	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_16344	EPEEYKGCIFK	AGAP004394-PA	C8(Carbamidomethyl)	45	0.000346496	2	1399.659	2.01	Malpighian tubule	2R:+:55591960-55591992	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_16549	DIVLLHK	AGAP004394-PA	-	26	0.003358366	1	837.520	0.84	Head	2R:+:55593318-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_19961	IDEAGEYNFDTAK	AGAP004394-PA	-	90	6.07E-09	2	1472.656	1.37	Midgut	2R:+:55592730-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_21379	WRDIVLLHK	AGAP004394-PA	-	43	9.57E-05	1	1179.705	4.4	Malpighian tubule	2R:+:55593312-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_21967	VLLEAGEGLVNVQETEEGKNLLLK	AGAP004394-PA	-	88	4.81E-09	1	2595.428	1.6	Pupa	2R:+:55593081-55593152	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_27048	NVSLGNVLANTNK	AGAP004394-PA	-	94	5.08E-09	1	1343.730	1.92	Malpighian tubule	2R:+:55592565-55592603	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_27198	VLLEAGEGLVNVQETEEGKNLLLK	AGAP004394-PA	-	119	3.71E-12	1	2595.439	5.9	Malpighian tubule	2R:+:55593081-55593152	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_28905	EGSLDAHK	AGAP004394-PA	-	35	0.002068667	1	856.416	0.35	Malpighian tubule	2R:+:55592116-55592139	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_29083	LKNPLTGEPVSCWYEPGETYDSK	AGAP004394-PA	C12(Carbamidomethyl)	127	2.82E-12	1	2670.246	2.6	Salivary gland	2R:+:55592769-55592837	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_29508	NVSLGNVLANTNK	AGAP004394-PA	-	101	9.18E-10	1	1343.731	2.1	Salivary gland	2R:+:55592565-55592603	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_30172	TDSIPFLSEEDQALMK	AGAP004394-PA	-	59	2.20E-05	1	1823.876	1.25	Head	2R:+:55592604-55592651	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_31856	TDSIPFLSEEDQALMK	AGAP004394-PA	-	89	2.36E-08	1	1823.877	1.79	Salivary gland	2R:+:55592604-55592651	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_33362	LKNPLTGEPVSCWYEPGETYDSK	AGAP004394-PA	C12(Carbamidomethyl)	106	3.79E-10	1	2670.251	4.25	Malpighian tubule	2R:+:55592769-55592837	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_33770	HSANENQLQMIEAYVESFR	AGAP004394-PA	M10(Oxidation)	39	0.001632714	3	2282.057	2.75	Head	2R:+:55592059-55592115	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_34206	SYDANFAGYIQSWVER	AGAP004394-PA	-	104	4.69E-10	1	1905.875	-0.91	Salivary gland	2R:+:55593408-55593455	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_34860	NLLLKFDR	AGAP004394-PA	-	47	7.06E-05	1	1018.609	4.65	Malpighian tubule	2R:+:55593138-55593161	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_35073	LASSEEGDKK	AGAP004394-PA	-	44	0.000819886	2	1063.531	4.48	Ovary	2R:+:55591918-55591947	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_35351	WRDIVLLHK	AGAP004394-PA	-	29	0.002920374	1	1179.699	-0.26	Pupa	2R:+:55593312-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA

JHU_Ag_36216	NVSLGNVLANTNK	AGAP004394-PA	-	93	6.37E-09	1	1343.728	-0.17	Pupa	2R:+:55592565-55592603	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_36990	IDEAGEYNFDTAK	AGAP004394-PA	-	96	2.17E-09	1	1472.658	2.69	Salivary gland	2R:+:55592730-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_37171	IDDILER	AGAP004394-PA	-	44	0.000783714	2	873.468	-0.18	Midgut	2R:+:55593471-55593491	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_39532	LKNPLTGEPVSCWYEPGETYDSK	AGAP004394-PA	C12(Carbamidomethyl)	62	9.75E-06	1	2670.239	-0.07	Midgut	2R:+:55592769-55592837	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_40606	STGNVTAATEMYNHYSEVSEGGEYPWAK	AGAP004394-PA	M11(Oxidation)	78	1.05E-07	1	3094.341	1.24	Midgut	2R:+:55593228-55593311	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_43059	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	120	1.22E-11	1	2014.038	1.93	Midgut	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_44772	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	106	3.34E-10	1	2014.035	0.48	Pupa	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_45649	TDSIPFLSEEDQALMKK	AGAP004394-PA	M15(Oxidation)	49	0.000212895	1	1967.974	5.73	Malpighian tubule	2R:+:55592604-55592654	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_45727	FEAYICR	AGAP004394-PA	C6(Carbamidomethyl)	30	0.005166058	2	958.444	-0.79	Malpighian tubule	2R:+:55591852-55591872	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_45991	GEFEGFVAMVNK	AGAP004394-PA	M9(Oxidation)	73	5.91E-07	2	1327.635	0.09	Pupa	2R:+:55592233-55592268	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_46307	AAAFEVQVGLHELLGHGSGK	AGAP004394-PA	-	82	6.24E-08	1	2020.070	4.49	Head	2R:+:55592661-55592720	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_48092	HSANENQLQMIEAYVESFR	AGAP004394-PA	M10(Oxidation)	66	3.19E-06	1	2282.062	5.16	Ovary	2R:+:55592059-55592115	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_48251	FGTLVSNAENFIK	AGAP004394-PA	-	73	5.70E-07	1	1439.753	0.34	Male reproductive organs	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_48862	IDDILER	AGAP004394-PA	-	52	0.00012536	2	873.469	1.36	Salivary gland	2R:+:55593471-55593491	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_49163	HSANENQLQMIEAYVESFR	AGAP004394-PA	M10(Oxidation)	117	2.72E-11	1	2282.053	0.98	Malpighian tubule	2R:+:55592059-55592115	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_49362	NVSLGNVLANTNK	AGAP004394-PA	-	74	5.34E-07	2	1343.731	2.01	Visceras	2R:+:55592565-55592603	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_51491	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	78	1.84E-07	2	2014.047	6.35	Larva	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_51618	IDEAGEYNFDTAK	AGAP004394-PA	-	86	1.93E-08	1	1472.658	3.02	Ovary	2R:+:55592730-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_52372	IDEAGEYNFDTAK	AGAP004394-PA	-	112	4.03E-11	1	1472.656	1.45	Malpighian tubule	2R:+:55592730-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_54665	ELMQMVADSLEEAKK	AGAP004394-PA	M3(Oxidation), M5(Oxidation)	38	0.002772679	1	1753.833	-0.99	Malpighian tubule	2R:+:55592014-55592058	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_55372	AAAFEVQVGLHELLGHGSGK	AGAP004394-PA	-	132	5.49E-13	1	2020.073	5.83	Malpighian tubule	2R:+:55592661-55592720	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_55453	FGTLVSNAENFIK	AGAP004394-PA	-	76	2.47E-07	1	1439.755	1.28	Pupa	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_55819	MIFLQSNTAIDADTGK	AGAP004394-PA	-	110	1.54E-10	2	1724.853	0.08	Midgut	2R:+:55593348-55593395	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_57270	FGTLVSNAENFIK	AGAP004394-PA	-	72	6.46E-07	1	1439.758	3.73	Malpighian tubule	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_58922	FGTLVSNAENFIK	AGAP004394-PA	-	73	5.80E-07	1	1439.753	0.17	Salivary gland	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_59811	IDEAGEYNFDTAK	AGAP004394-PA	-	111	5.32E-11	1	1472.655	0.79	Head	2R:+:55592730-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_62538	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	127	2.85E-12	1	2014.037	1.45	Head	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_62766	DIVLLHK	AGAP004394-PA	-	32	0.000780156	1	837.523	3.9	Ovary	2R:+:55593318-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA

JHU_Ag_63068	VLLEAGEGLVNVQETEEGKNLLLK	AGAP004394-PA	-	94	1.29E-09	1	2595.435	4.21	Head	2R:+:55593081-55593152	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_63250	FGTLVSNAENFIK	AGAP004394-PA	-	59	1.41E-05	2	1439.759	4.24	Larva	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_63874	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	75	3.82E-07	2	2014.044	4.72	Ovary	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_63929	GPVIETYIGFIETYRDPVGQR	AGAP004394-PA	-	84	5.23E-08	1	2410.241	0.12	Malpighian tubule	2R:+:55592170-55592232	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_64941	IDDILER	AGAP004394-PA	-	44	0.000684 16	2	873.467	-0.46	Pupa	2R:+:55593471-55593491	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_65036	SLGSSYEECR	AGAP004394-PA	C9(Carbamidomethyl)	56	9.40E-06	2	1187.501	1.06	Salivary gland	2R:+:55592844-55592873	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_65606	HSANENQLQMIEAYVESFREGSLDAH K	AGAP004394-PA	M10(Oxidation)	90	1.56E-08	1	3119.471	7.14	Malpighian tubule	2R:+:55592059-55592139	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_67065	SYDANFAGYIQSWVER	AGAP004394-PA	-	74	5.54E-07	2	1905.888	5.81	Malpighian tubule	2R:+:55593408-55593455	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_67647	TDSIPFLSEEDQALMK	AGAP004394-PA	-	72	1.15E-06	2	1823.873	-0.35	Midgut	2R:+:55592604-55592651	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_68494	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	166	3.18E-16	1	2014.040	2.78	Malpighian tubule	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_69592	NVSLGNVLANTNK	AGAP004394-PA	-	80	1.50E-07	2	1343.726	-1.17	Head	2R:+:55592565-55592603	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_69616	FGTLVSNAENFIK	AGAP004394-PA	N7(Deamidated)	65	3.49E-06	2	1439.754	0.6	Midgut	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_71330	DIVLLHK	AGAP004394-PA	-	33	0.000787 278	2	837.520	0.55	Midgut	2R:+:55593318-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_71927	NVSLGNVLANTNK	AGAP004394-PA	-	55	4.40E-05	2	1343.734	4.83	Ovary	2R:+:55592565-55592603	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_72617	GEFEGFVAMVNK	AGAP004394-PA	M9(Oxidation)	79	1.82E-07	2	1327.638	2.48	Salivary gland	2R:+:55592233-55592268	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_73145	AWLQAHYQAR	AGAP004394-PA	-	79	1.72E-07	1	1243.633	-0.29	Pupa	2R:+:55593036-55593065	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_74332	AEAVGLYLSLNR	AGAP004394-PA	-	82	5.82E-08	2	1305.722	4.15	Ovary	2R:+:55592874-55592909	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_74924	VLLEAGEGLVNVQETEEGK	AGAP004394-PA	-	183	6.25E-18	1	2014.037	1.39	Salivary gland	2R:+:55593081-55593137	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_78400	YKAAAFEVQVGLHELLGHGSGK	AGAP004394-PA	-	75	2.30E-07	1	2311.228	3.88	Malpighian tubule	2R:+:55592655-55592720	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_78696	LKNPLTGEPVSCWYEPGETYDSK	AGAP004394-PA	C12(Carbamidomethyl)	45	0.000469 544	1	2670.249	3.49	Head	2R:+:55592769-55592837	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_81063	IHATDKQYFEGLY	AGAP004394-PA	-	44	0.000663 926	1	1584.769	-0.15	Midgut	2R:+:55593492-55593530	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_83386	SYDANFAGYIQSWVER	AGAP004394-PA	-	64	4.57E-06	1	1905.868	-4.43	Midgut	2R:+:55593408-55593455	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_83427	AWLQAHYQAR	AGAP004394-PA	-	57	2.51E-05	1	1243.633	0	Midgut	2R:+:55593036-55593065	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_83791	STGNVTAATEMYNHYSEVSEGGEYP WAK	AGAP004394-PA	M11(Oxidation)	177	1.44E-17	1	3078.353	3.6	Malpighian tubule	2R:+:55593228-55593311	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_84238	VLLEAGEGLVNVQETEEGKNLLLK	AGAP004394-PA	-	93	1.60E-09	1	2595.434	3.64	Ovary	2R:+:55593081-55593152	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_87740	IDEAGEYNFDTAK	AGAP004394-PA	-	72	4.54E-07	2	1472.655	0.45	Male reproductive organs	2R:+:55592730-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_87933	STGNVTAATEMYNHYSEVSEGGEYP WAK	AGAP004394-PA	-	166	1.87E-16	1	3078.351	2.89	Salivary gland	2R:+:55593228-55593311	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_88612	IDEAGEYNFDTAK	AGAP004394-PA	-	82	3.88E-08	1	1472.655	0.54	Visceras	2R:+:55592730-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA

JHU_Ag_91044	DKGPVIETYIGFIETYR	AGAP004394-PA	-	67	2.32E-06	1	2001.038	2.61	Malpighian tubule	2R:+:55592164-55592214	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_91919	SLGSSYEECR	AGAP004394-PA	C9(Carbamidomethyl)	37	0.000668413	2	1187.498	-1.1	Head	2R:+:55592844-55592873	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_92837	FGTLVSNAENFIK	AGAP004394-PA	-	65	3.24E-06	1	1439.758	3.48	Visceras	2R:+:55592284-55592322	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_94330	FLLKLQFYK	AGAP004394-PA	-	67	9.38E-07	1	1199.723	3.41	Malpighian tubule	2R:+:55593201-55593227	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_94853	IHATDKQYFEGLY	AGAP004394-PA	-	44	0.000591349	1	1584.777	4.55	Malpighian tubule	2R:+:55593492-55593530	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_95111	NPLTGEPVSCWYEPGETYDSK	AGAP004394-PA	C10(Carbamidomethyl)	60	8.00E-06	2	2429.072	4.66	Malpighian tubule	2R:+:55592775-55592837	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_95348	VLLEAGEGLVNVQETEEGKNLLLK	AGAP004394-PA	-	94	1.65E-09	1	2595.424	-0.24	Midgut	2R:+:55593081-55593152	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_95605	TDSIPFLSEEDQALMK	AGAP004394-PA	M15(Oxidation)	65	4.04E-06	1	1839.872	2.02	Malpighian tubule	2R:+:55592604-55592651	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_96535	VLLEAGEGLVNVQETEEGKNLLLK	AGAP004394-PA	-	77	6.25E-08	1	2595.439	5.69	Salivary gland	2R:+:55593081-55593152	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_96539	HSANENQLQMIEAYVESFR	AGAP004394-PA	-	63	6.42E-06	1	2266.059	1.2	Salivary gland	2R:+:55592059-55592115	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_96647	TDSIPFLSEEDQALMKK	AGAP004394-PA	M15(Oxidation)	76	3.73E-07	1	1967.962	-0.53	Midgut	2R:+:55592604-55592654	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_98457	AWLQAHYQAR	AGAP004394-PA	-	49	0.000169327	1	1243.635	1.38	Head	2R:+:55593036-55593065	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_99319	SYDANFAGYIQSWVER	AGAP004394-PA	-	93	7.37E-09	2	1905.890	7.03	Visceras	2R:+:55593408-55593455	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_103336	IDDILER	AGAP004394-PA	-	46	0.000437681	2	873.468	0.59	Malpighian tubule	2R:+:55593471-55593491	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_103511	DIVLLHK	AGAP004394-PA	-	37	0.000258302	1	837.521	1.5	Malpighian tubule	2R:+:55593318-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_103936	GEFEGFVAMVNK	AGAP004394-PA	M9(Oxidation)	89	1.65E-08	2	1327.635	0	Midgut	2R:+:55592233-55592268	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_104716	MIFLQSNTAIDADTGK	AGAP004394-PA	M1(Oxidation)	125	5.58E-12	1	1740.849	1.18	Malpighian tubule	2R:+:55593348-55593395	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_105023	ELMQMVADSLEEAKK	AGAP004394-PA	M3(Oxidation), M5(Oxidation)	37	0.003524586	1	1753.840	2.88	Midgut	2R:+:55592014-55592058	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_105910	DIVLLHK	AGAP004394-PA	-	30	0.001318645	1	837.519	-0.11	Pupa	2R:+:55593318-55593338	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_106744	TTENGKTVYDIK	AGAP004394-PA	-	61	9.02E-06	1	1368.707	4.39	Malpighian tubule	2R:+:55591882-55591917	exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_109189	FPDTKIDDILER	AGAP004394-PA	-	64	5.71E-06	1	1461.760	1.33	Malpighian tubule	2R:+:55593456-55593491	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_110358	SLGSSYEECR	AGAP004394-PA	C9(Carbamidomethyl)	61	2.70E-06	2	1187.502	2.29	Malpighian tubule	2R:+:55592844-55592873	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_112312	AAAFEVQVGLHELLGHGSGK	AGAP004394-PA	-	120	1.07E-11	1	2020.069	3.68	Ovary	2R:+:55592661-55592720	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_115886	LKNPLTGEPVSCWYEPGETYDSK	AGAP004394-PA	C12(Carbamidomethyl)	89	1.85E-08	1	2670.239	-0.07	Male reproductive organs	2R:+:55592769-55592837	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_116547	LLRIDEAGEYNFDTAK	AGAP004394-PA	-	88	2.18E-08	1	1854.935	6.56	Malpighian tubule	2R:+:55592721-55592768	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_117308	AWLQAHYQAR	AGAP004394-PA	-	64	6.07E-06	1	1243.637	2.95	Malpighian tubule	2R:+:55593036-55593065	exon=> In CDS Exon 4 of transcript AGAP004394-PA
JHU_Ag_46	DTLRIPIAVLK	AGAP004395-PA	-	31	0.000410547	2	1238.784	0.38	Salivary gland	2R:+:55595462-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_2631	TVTWDPDNKPEGYPR	AGAP004395-PA	-	79	1.77E-07	1	1774.840	0.32	Head	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA

JHU_Ag_4240	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	90	1.43E-08	1	1349.629	2.55	Salivary gland	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_4918	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	109	2.07E-10	2	2014.968	-0.04	Midgut	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_6386	TVTWDPDNKPEGYPR	AGAP004395-PA	-	106	3.57E-10	1	1774.840	0.12	Midgut	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_6550	IPIAVLK	AGAP004395-PA	-	40	1.38E-05	2	753.523	-0.69	Pupa	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_11045	GKPGAAAGGPAGNDK	AGAP004395-PA	-	75	4.65E-07	1	1267.639	-0.15	Male reproductive organs	2R:+:55595741-55595785	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_13023	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	158	2.97E-15	1	2014.968	0.08	Ovary	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_13519	GKPGAAAGGPAGNDK	AGAP004395-PA	N13(Deamidated)	100	1.38E-09	1	1267.639	0.14	Visceras	2R:+:55595741-55595785	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_14713	GKPGAAAGGPAGNDK	AGAP004395-PA	N13(Deamidated)	66	3.78E-06	2	1268.620	-2.46	Malpighian tubule	2R:+:55595741-55595785	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_15081	TVTWDPDNKPEGYPR	AGAP004395-PA	-	89	1.99E-08	1	1774.846	3.49	Larva	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_16796	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	136	4.84E-13	1	2014.970	0.87	Head	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_17234	QCLLGHEAAADEFNVVQVETMTIR	AGAP004395-PA	C2(Carbamidomethyl), M21(Oxidation)	99	2.13E-09	1	2747.316	1.17	Salivary gland	2R:+:55595390-55595461	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_18951	TVTWDPDNKPEGYPR	AGAP004395-PA	-	70	1.34E-06	2	1774.842	1.42	Male reproductive organs	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_19083	QCLLGHEAAADEFNVVQVETMTIR	AGAP004395-PA	C2(Carbamidomethyl), M21(Oxidation)	169	1.75E-16	1	2747.319	2.2	Ovary	2R:+:55595390-55595461	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_25755	IPIAVLK	AGAP004395-PA	-	51	1.27E-06	2	753.524	0.69	Ovary	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_26046	IPIAVLK	AGAP004395-PA	-	45	5.26E-06	2	753.523	0.12	Male reproductive organs	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_26069	MTDEYFYGATLKEGSK	AGAP004395-PA	N-Term(Acetyl), M1(Oxidation)	64	4.16E-06	1	1897.864	6.22	Malpighian tubule	2R:+:55594004-55594025,55595298-55595323	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_29007	TVTWDPDNKPEGYPR	AGAP004395-PA	-	96	3.76E-09	1	1774.843	1.84	Ovary	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_30149	TDEYFYGATLKEGSK	AGAP004395-PA	N-Term(Acetyl)	122	8.62E-12	1	1750.822	2.64	Malpighian tubule	2R:+:55594007-55594025,55595298-55595323	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_33735	MTDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl), M1(Oxidation)	50	8.38E-05	2	1496.664	1.96	Salivary gland	2R:+:55594004-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_34978	TVTWDPDNKPEGYPR	AGAP004395-PA	-	100	1.54E-09	1	1774.845	3.21	Malpighian tubule	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_35058	GKPGAAAGGPAGNDK	AGAP004395-PA	N13(Deamidated)	102	8.36E-10	1	1267.637	-1.4	Ovary	2R:+:55595741-55595785	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_37188	QCLLGHEAAADEFNVVQVETMTIRDTLR	AGAP004395-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M21(Oxidation)"	81	9.24E-08	1	3216.597	5.85	Malpighian tubule	2R:+:55595390-55595473	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_39154	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	92	1.02E-08	1	2014.974	2.87	Larva	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_50740	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	81	1.06E-07	1	1349.625	-0.93	Head	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_53386	IPIAVLK	AGAP004395-PA	-	47	3.14E-06	2	753.523	-1.09	Head	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA

JHU_Ag_55085	QCLLGHEAAADEFNVVQVETMTIR	AGAP004395-PA	C2(Carbamidomethyl), M21(Oxidation)	48	0.000232954	3	2747.313	0.1	Midgut	2R:+:55595390-55595461	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_55835	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	77	2.63E-07	1	1349.627	0.43	Midgut	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_59115	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	85	5.04E-08	1	1349.630	2.78	Pupa	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_67417	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	123	8.68E-12	1	2014.973	2.57	Malpighian tubule	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_71696	TVTWDPDNKPEGYPR	AGAP004395-PA	-	74	5.11E-07	1	1774.843	2.04	Salivary gland	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_72195	GKPGAAAGGPAGNDKNR	AGAP004395-PA	-	37	0.003259765	1	1537.785	1.29	Visceras	2R:+:55595741-55595791	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_76831	IPIAVLK	AGAP004395-PA	-	42	8.87E-06	2	753.525	2.63	Malpighian tubule	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_77431	IPIAVLK	AGAP004395-PA	-	45	4.41E-06	2	753.523	0.12	Midgut	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_84979	QCLLGHEAAADEFNVVQVETMTIR	AGAP004395-PA	C2(Carbamidomethyl)	43	0.000761822	1	2731.323	1.68	Visceras	2R:+:55595390-55595461	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_85218	IPIAVLK	AGAP004395-PA	-	51	1.08E-06	2	753.524	0.69	Visceras	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_85368	GKPGAAAGGPAGNDK	AGAP004395-PA	-	106	3.53E-10	1	1267.638	-0.63	Head	2R:+:55595741-55595785	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_85464	IPIAVLK	AGAP004395-PA	-	35	5.06E-05	2	753.525	2.31	Larva	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_87037	TVTWDPDNKPEGYPR	AGAP004395-PA	-	96	3.75E-09	1	1774.839	-0.16	Pupa	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_91339	MTDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl), M1(Oxidation)	73	4.06E-07	2	1496.662	0.17	Male reproductive organs	2R:+:55594004-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_91356	IPIAVLK	AGAP004395-PA	-	49	1.77E-06	1	753.523	-0.77	Salivary gland	2R:+:55595474-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_92572	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	83	7.27E-08	1	1349.627	0.83	Ovary	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_93511	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	87	3.02E-08	2	1998.977	1.88	Pupa	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_93580	TDEYFYGATLKEGSK	AGAP004395-PA	N-Term(Acetyl)	37	0.002876323	1	1750.819	1.32	Salivary gland	2R:+:55594007-55594025,55595298-55595323	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_96424	IPIAVLKVGELR	AGAP004395-PA	-	77	4.26E-09	1	1307.841	0.3	Ovary	2R:+:55595474-55595509	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_97906	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	86	3.88E-08	2	1349.630	3.18	Visceras	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_98738	GKPGAAAGGPAGNDKNR	AGAP004395-PA	-	93	7.76E-09	1	1537.783	-0.13	Male reproductive organs	2R:+:55595741-55595791	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_101053	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	98	2.89E-09	2	2014.971	1.3	Visceras	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_101184	DTLRIPIAVLK	AGAP004395-PA	-	55	1.75E-06	1	1238.783	-0.22	Male reproductive organs	2R:+:55595462-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_108755	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	70	1.38E-06	1	1349.633	5.5	Larva	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA

JHU_Ag_109731	QCLLGHEAAADEFNVVQVETMTIRDTLR	AGAP004395-PA	C2(Carbamidomethyl), M21(Oxidation)	138	2.23E-13	1	3232.575	0.6	Ovary	2R:+:55595390-55595473	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_112259	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	70	1.19E-06	1	1349.627	0.79	Malpighian tubule	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_112585	GKPGAAAGGPAGNDKNR	AGAP004395-PA	N16(Deamidated),N13(Deamidated)	60	1.41E-05	3	1538.773	3.55	Malpighian tubule	2R:+:55595741-55595791	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_112856	TDEYFYGATLK	AGAP004395-PA	N-Term(Acetyl)	94	5.51E-09	2	1349.627	0.83	Male reproductive organs	2R:+:55594007-55594025,55595298-55595311	exon=> In CDS Exon 1 and 2 of transcript AGAP004395-PA
JHU_Ag_113622	TVTWDPDNKPEGYPR	AGAP004395-PA	-	100	1.42E-09	1	1774.844	2.73	Visceras	2R:+:55595324-55595368	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_114000	MDLEFSDAPVTFTLVEGK	AGAP004395-PA	M1(Oxidation)	138	2.54E-13	1	2014.970	1.11	Salivary gland	2R:+:55595519-55595572	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_114198	DTLRIPIAVLK	AGAP004395-PA	-	48	8.36E-06	1	1238.786	2.61	Malpighian tubule	2R:+:55595462-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_117636	DTLRIPIAVLK	AGAP004395-PA	-	50	6.16E-06	1	1238.787	3.27	Ovary	2R:+:55595462-55595494	exon=> In CDS Exon 2 of transcript AGAP004395-PA
JHU_Ag_732	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C20(Carbamidomethyl), C28(Carbamidomethyl)	56	3.12E-05	1	3269.606	4.05	Pupa	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_1282	KLIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C21(Carbamidomethyl), C29(Carbamidomethyl)	62	7.45E-06	1	3397.687	-0.38	Salivary gland	2R:-:55599570-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_3333	IGQLIAENLVEDGATLQMGIGNIPDAVLNALHNHK	AGAP004396-PA	M18(Oxidation),"Q3(Deamidated), M18(Oxidation)"	152	3.25E-15	1	3694.928	1.51	Malpighian tubule	2R:-:55599312-55599208	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_5362	IVGSFLIGTK	AGAP004396-PA	-	83	1.01E-08	1	1034.624	-0.31	Pupa	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_6096	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	Q3(Deamidated), C20(Carbamidomethyl), C28(Carbamidomethyl),"C20(Carbamidomethyl), C28(Carbamidomethyl)"	124	5.53E-12	1	3269.598	1.47	Head	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_7692	GAAEGFDGK	AGAP004396-PA	-	46	0.000319731	1	851.389	-0.53	Midgut	2R:-:55598789-55598763	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_8142	ISPILKPGAGVVTSR	AGAP004396-PA	-	73	9.75E-08	1	1494.900	-0.33	Pupa	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_9020	DITVTHMHTEGPASYCKPECK	AGAP004396-PA	M7(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl),"C16(Carbamidomethyl), C20(Carbamidomethyl)"	103	4.53E-10	1	2477.090	0.1	Malpighian tubule	2R:-:55599750-55599688	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_9487	IVGSFLIGTK	AGAP004396-PA	-	35	0.000388449	2	1034.629	4.18	Larva	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_10031	AYALIQIAHPDHR	AGAP004396-PA	-	74	5.87E-07	1	1504.801	-0.78	Midgut	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA

JHU_Ag_10301	DITVTHMHTEGPASYCKPECKDVFR	AGAP004396-PA	M7(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl)	71	7.53E-07	1	2994.356	0.5	Malpighian tubule	2R:-:55599750-55599676	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_12499	SLFMGGNVR	AGAP004396-PA	M4(Oxidation)	39	0.001477167	1	996.492	-1.32	Pupa	2R:-:55599669-55599643	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_13362	GCVTNDKK	AGAP004396-PA	C2(Carbamidomethyl)	38	0.002422717	1	921.448	2.74	Head	2R:-:55599150-55599127	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_14710	DITVTHMHTEGPASYCKPECK	AGAP004396-PA	M7(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl)	112	5.86E-11	1	2477.091	0.77	Male reproductive organs	2R:-:55599750-55599688	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_14772	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	93	6.55E-09	1	2329.186	0.23	Male reproductive organs	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_14981	HGMENNLR	AGAP004396-PA	M3(Oxidation)	41	0.000525721	2	986.447	-0.28	Midgut	2R:-:55599774-55599751	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_16237	AYALIQIAHPDHREALEK	AGAP004396-PA	-	100	7.53E-10	1	2075.108	2.19	Male reproductive organs	2R:-:55598516-55598463	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_18285	HGMENNLR	AGAP004396-PA	M3(Oxidation)	59	7.68E-06	2	970.449	-3.2	Head	2R:-:55599774-55599751	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_18570	AYALIQIAHPDHR	AGAP004396-PA	-	90	1.38E-08	1	1504.800	-1.57	Pupa	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_19834	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	127	2.92E-12	1	2313.192	0.57	Visceras	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_20190	TFGDGIIHQSHFDYAVNVDIPLPEHGGHAMSDVETK	AGAP004396-PA	M30(Oxidation)	103	5.12E-10	1	3949.831	-3.66	Midgut	2R:-:55599420-55599313	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_21793	GKPIIALPSVTNK	AGAP004396-PA	-	62	6.38E-07	1	1337.816	0.49	Salivary gland	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_21821	IVGSFLIGTK	AGAP004396-PA	-	67	4.65E-07	1	1034.624	-0.31	Male reproductive organs	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_22288	AHVHYVVTEYGIANLFGR	AGAP004396-PA	-	132	8.01E-13	1	2046.060	2.19	Malpighian tubule	2R:-:55598585-55598532	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_24143	HGMENNLR	AGAP004396-PA	M3(Oxidation)	44	0.000226022	2	986.447	-0.47	Malpighian tubule	2R:-:55599774-55599751	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_24603	TFGDGIIHQSHFDYAVNVDIPLPEHGGHAMSDVETK	AGAP004396-PA	M30(Oxidation)	161	1.07E-15	1	3949.853	2.09	Malpighian tubule	2R:-:55599420-55599313	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_24759	IVGSFLIGTKK	AGAP004396-PA	-	44	1.64E-05	1	1162.720	0.42	Malpighian tubule	2R:-:55599108-55599076	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_25565	DLGIHSEMFAGGVVDLVR	AGAP004396-PA	M8(Oxidation)	140	1.76E-13	1	1930.971	0.91	Malpighian tubule	2R:-:55599207-55599154	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_26913	IVGSFLIGTKK	AGAP004396-PA	-	58	5.76E-07	1	1162.719	-0.17	Pupa	2R:-:55599108-55599076	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_27736	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	Q3(Deamidated), C20(Carbamidomethyl), C28(Carbamidomethyl),"C20(Carbamidomethyl), C28(Carbamidomethyl)"	89	1.88E-08	1	3269.591	-0.54	Visceras	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_28305	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	85	9.98E-09	1	2477.371	1.75	Pupa	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_28392	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	94	9.39E-10	1	2477.384	7.22	Ovary	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA

JHU_Ag_28502	GKPIIALPSVTNKGQSK	AGAP004396-PA	-	91	1.16E-09	1	1738.023	0.51	Malpighian tubule	2R:-:55598762-55598712	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_28542	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	87	2.75E-08	1	2329.185	-0.32	Ovary	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_29485	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	103	1.87E-10	1	2477.371	1.75	Visceras	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_30752	AYALIQIAHPDHR	AGAP004396-PA	Q6(Deamidated)	89	1.60E-08	1	1504.804	1.59	Malpighian tubule	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_31135	MYSGFGGQVDFIR	AGAP004396-PA	M1(Oxidation)	113	6.38E-11	1	1492.686	-1.87	Ovary	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_31343	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C20(Carbamidomethyl), C28(Carbamidomethyl)	95	4.30E-09	1	3269.595	0.46	Midgut	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_32109	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	106	7.52E-11	1	1837.038	0.33	Midgut	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_34272	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C20(Carbamidomethyl), C28(Carbamidomethyl)	114	5.31E-11	1	3269.590	-0.99	Ovary	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_34671	AYALIQIAHPDHREALEK	AGAP004396-PA	-	111	6.84E-11	1	2075.103	-0.24	Malpighian tubule	2R:-:55598516-55598463	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_35194	IVGSFLIGTK	AGAP004396-PA	-	53	1.21E-05	2	1034.624	-0.31	Head	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_36863	AYALIQIAHPDHR	AGAP004396-PA	-	94	4.53E-09	1	1504.806	2.4	Head	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_38393	DLGIHSEMFAGGVVDLVR	AGAP004396-PA	M8(Oxidation)	75	5.13E-07	1	1930.968	-0.83	Male reproductive organs	2R:-:55599207-55599154	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_39124	VIIAQVNK	AGAP004396-PA	-	61	3.59E-06	2	884.556	-0.25	Midgut	2R:-:55599456-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_40152	DLGIHSEMFAGGVVDLVR	AGAP004396-PA	M8(Oxidation)	71	1.23E-06	1	1930.967	-1.12	Salivary gland	2R:-:55599207-55599154	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_42799	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	63	1.22E-06	2	1837.050	6.91	Head	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_44680	GKPIIALPSVTNK	AGAP004396-PA	-	71	7.29E-08	1	1337.815	-0.33	Pupa	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_44805	VIIAQVNK	AGAP004396-PA	-	47	7.52E-05	2	884.556	0.03	Malpighian tubule	2R:-:55599456-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_44898	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	127	2.92E-12	1	2313.192	0.27	Pupa	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_45209	MYSGFGGQVDFIR	AGAP004396-PA	M1(Oxidation)	109	1.55E-10	1	1492.689	0.01	Midgut	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_45291	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	96	9.49E-10	1	2477.367	0.13	Head	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_46661	ISPILKPGAGVVTSR	AGAP004396-PA	-	60	1.77E-06	1	1494.901	0.16	Visceras	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_46923	VIIAQVNK	AGAP004396-PA	-	48	6.72E-05	1	884.558	2.18	Ovary	2R:-:55599456-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_46930	LKTMPTPN	AGAP004396-PA	M4(Oxidation)	48	0.000326822	1	917.476	0	Malpighian tubule	2R:-:55598447-55598424	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_48827	IGQLIAENLVEDGATLQMGIGNIPDAVLNALHNHK	AGAP004396-PA	M18(Oxidation)	149	6.02E-15	1	3694.918	-1.2	Midgut	2R:-:55599312-55599208	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_50105	GKPIIALPSVTNK	AGAP004396-PA	-	71	9.01E-08	1	1337.813	-1.33	Visceras	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA

JHU_Ag_50292	GAAEGFDGK	AGAP004396-PA	-	71	1.07E-06	1	851.389	-0.26	Ovary	2R:-:55598789-55598763	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_52410	GAAEGFDGKGKPIIALPSVTNK	AGAP004396-PA	-	74	1.82E-07	1	2170.189	1.05	Malpighian tubule	2R:-:55598789-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_53271	GKPIIALPSVTNKGQSK	AGAP004396-PA	-	26	0.003458677	1	1738.031	5.08	Male reproductive organs	2R:-:55598762-55598712	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_53325	ISPILKPGAGVVTSR	AGAP004396-PA	-	60	1.70E-06	1	1494.906	3.67	Male reproductive organs	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_54295	IVGSFLIGTKK	AGAP004396-PA	-	64	1.43E-07	2	1162.721	1.09	Ovary	2R:-:55599108-55599076	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_54300	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	114	5.72E-11	1	2329.190	1.96	Salivary gland	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_54376	SKSLFMGGNVR	AGAP004396-PA	-	48	0.000203857	1	1195.624	-1.21	Malpighian tubule	2R:-:55599675-55599643	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_54489	GKPIIALPSVTNK	AGAP004396-PA	-	111	8.11E-12	1	1337.814	-0.6	Ovary	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_56156	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C20(Carbamidomethyl), C28(Carbamidomethyl)	98	2.08E-09	1	3269.599	1.81	Malpighian tubule	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_57456	DLGIHSEMFAGGVVDLVR	AGAP004396-PA	M8(Oxidation)	84	6.43E-08	1	1930.969	-0.23	Visceras	2R:-:55599207-55599154	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_57466	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	88	5.25E-09	1	1837.042	2.59	Malpighian tubule	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_59272	AYALIQIAHPDHR	AGAP004396-PA	-	70	9.79E-07	2	1504.810	5.16	Larva	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_59483	YTTAEEAVK	AGAP004396-PA	-	47	0.00020146	2	1011.501	1.29	Malpighian tubule	2R:-:55602735-55602709	exon=> In CDS Exon 1 of transcript AGAP004396-PA
JHU_Ag_59689	AALENSKVIIAQVNK	AGAP004396-PA	-	47	4.84E-05	1	1597.927	-0.41	Malpighian tubule	2R:-:55599477-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_60779	IVGSFLIGTKK	AGAP004396-PA	-	48	5.94E-06	2	1162.719	-0.06	Midgut	2R:-:55599108-55599076	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_61919	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C20(Carbamidomethyl), C28(Carbamidomethyl)	95	4.36E-09	1	3269.588	-1.44	Male reproductive organs	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_62170	TFGDGIIHQSHFDYAVNVDIPLPEHGGHAMSDVETK	AGAP004396-PA	M30(Oxidation)	72	7.04E-07	1	3949.847	0.45	Ovary	2R:-:55599420-55599313	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_62175	VIIAQVNKQMPR	AGAP004396-PA	M10(Oxidation)	79	8.61E-08	1	1412.804	-0.56	Malpighian tubule	2R:-:55599456-55599421	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_62682	KLIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C21(Carbamidomethyl), C29(Carbamidomethyl)	83	5.41E-08	1	3397.685	-0.92	Pupa	2R:-:55599570-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_62826	MYSGFGGQVDFIR	AGAP004396-PA	-	107	2.90E-10	1	1476.696	1.44	Visceras	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_63585	GKPIIALPSVTNK	AGAP004396-PA	-	32	0.000605679	2	1337.819	2.78	Larva	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_63638	YTTAEEAVK	AGAP004396-PA	-	53	5.20E-05	1	1011.499	-0.16	Pupa	2R:-:55602735-55602709	exon=> In CDS Exon 1 of transcript AGAP004396-PA

JHU_Ag_64048	DITVTHMHTEGPASYCKPECK	AGAP004396-PA	M7(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl),"C16(Carbamidomethyl), C20(Carbamidomethyl)"	84	3.15E-08	1	2477.090	0.1	Salivary gland	2R:-:55599750-55599688	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_64164	ISPILKPGAGVVTSR	AGAP004396-PA	-	77	3.80E-08	1	1494.901	0.24	Ovary	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_64978	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	97	2.60E-09	1	2329.194	3.45	Larva	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_65070	ISPILKPGAGVVTSR	AGAP004396-PA	-	68	2.69E-07	1	1494.902	0.89	Salivary gland	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_66151	KLIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C21(Carbamidomethyl), C29(Carbamidomethyl)	192	6.23E-19	1	3397.692	1.24	Malpighian tubule	2R:-:55599570-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_66218	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	89	4.39E-09	1	2477.371	1.82	Malpighian tubule	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_66456	AHVHYVVTEYGIANLFGR	AGAP004396-PA	-	122	8.99E-12	1	2046.055	-0.32	Head	2R:-:55598585-55598532	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_66732	VIIAQVNK	AGAP004396-PA	-	53	1.91E-05	2	884.557	0.16	Salivary gland	2R:-:55599456-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_67013	VIIAQVNK	AGAP004396-PA	-	33	0.002334798	2	884.556	-0.11	Visceras	2R:-:55599456-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_67426	AHVHYVVTEYGIANLFGR	AGAP004396-PA	-	62	7.00E-06	1	2046.063	3.58	Salivary gland	2R:-:55598585-55598532	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_67538	IVGSFLIGTKK	AGAP004396-PA	-	49	7.43E-06	2	1162.719	-0.69	Male reproductive organs	2R:-:55599108-55599076	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_67599	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	114	1.46E-11	1	2477.366	-0.24	Midgut	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_67865	IVGSFLIGTK	AGAP004396-PA	-	56	6.28E-06	2	1034.624	-0.07	Midgut	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_69139	YTTAEEAVK	AGAP004396-PA	-	36	0.002569833	2	1011.499	-0.4	Ovary	2R:-:55602735-55602709	exon=> In CDS Exon 1 of transcript AGAP004396-PA
JHU_Ag_69357	AHVHYVVTEYGIANLFGR	AGAP004396-PA	-	127	2.81E-12	1	2046.055	-0.08	Visceras	2R:-:55598585-55598532	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_70402	KLYDFVDNNPFIEMLEINYVNNVGIISR	AGAP004396-PA	M14(Oxidation)	110	1.05E-10	1	3345.685	0.79	Ovary	2R:-:55599078-55599839,55598690-55598910	exon=> In CDS Exon 3 and 2 of transcript AGAP004396-PA
JHU_Ag_70908	IGQLIAENLVEDGATLQMGIGNIPDAVLNALHNHK	AGAP004396-PA	M18(Oxidation), N22(Deamidated),M18(Oxidation),"M18(Oxidation), N29(Deamidated)","M18(Oxidation), N33(Deamidated)"	172	2.77E-17	1	3694.927	1.31	Ovary	2R:-:55599312-55599208	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_71020	DLGIHSEMFAGGVVDLVR	AGAP004396-PA	M8(Oxidation)	84	6.14E-08	1	1930.967	-0.93	Ovary	2R:-:55599207-55599154	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_71510	KLIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C21(Carbamidomethyl), C29(Carbamidomethyl)	72	6.69E-07	1	3397.684	-1.13	Midgut	2R:-:55599570-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA

JHU_Ag_72816	KLIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C21(Carbamidomethyl), C29(Carbamidomethyl)	118	1.89E-11	1	3397.690	0.7	Head	2R:-:55599570-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_73148	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	139	1.73E-13	1	2329.195	3.76	Midgut	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_74096	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	96	7.81E-10	1	1837.042	2.46	Salivary gland	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_74417	MYSGFGGQVDFIR	AGAP004396-PA	M1(Oxidation)	128	1.90E-12	1	1492.689	0.01	Malpighian tubule	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_74783	GAAEGFDGK	AGAP004396-PA	-	71	1.06E-06	1	851.390	0.74	Malpighian tubule	2R:-:55598789-55598763	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_76094	AYALIQIAHPDHR	AGAP004396-PA	-	77	2.59E-07	1	1504.807	3.62	Male reproductive organs	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_76668	SLFMGGNVR	AGAP004396-PA	M4(Oxidation)	62	7.58E-06	1	996.492	-1.69	Ovary	2R:-:55599669-55599643	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_77138	DITVTHMHTEGPASYCKPECK	AGAP004396-PA	C16(Carbamidomethyl), C20(Carbamidomethyl)	117	1.77E-11	1	2461.096	0.6	Visceras	2R:-:55599750-55599688	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_78452	DLGIHSEMFAGGVVDLVR	AGAP004396-PA	M8(Oxidation)	110	1.51E-10	1	1930.974	2.3	Head	2R:-:55599207-55599154	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_78591	GKPIIALPSVTNK	AGAP004396-PA	-	96	3.08E-10	1	1337.814	-0.87	Head	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_78812	VIIAQVNK	AGAP004396-PA	-	56	9.49E-06	1	884.556	-0.53	Pupa	2R:-:55599456-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_79677	AYALIQIAHPDHR	AGAP004396-PA	-	87	2.16E-08	1	1504.803	0.78	Visceras	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_79770	AHVHYVVTEYGIANLFGR	AGAP004396-PA	-	103	6.11E-10	1	2046.065	4.39	Ovary	2R:-:55598585-55598532	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_80859	MYSGFGGQVDFIR	AGAP004396-PA	M1(Oxidation)	119	1.70E-11	1	1476.695	0.37	Head	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_80934	AHVHYVVTEYGIANLFGR	AGAP004396-PA	-	100	1.36E-09	1	2046.059	1.41	Male reproductive organs	2R:-:55598585-55598532	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_81158	AYALIQIAHPDHR	AGAP004396-PA	-	74	5.43E-07	1	1504.800	-1.34	Salivary gland	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_81945	IGQLIAENLVEDGATLQMGIGNIPDAVLNALHNHK	AGAP004396-PA	-	60	3.58E-06	1	3678.934	1.92	Visceras	2R:-:55599312-55599208	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_82032	IVGSFLIGTK	AGAP004396-PA	-	81	1.01E-08	1	1034.626	1.58	Salivary gland	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_82369	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	98	5.64E-10	1	2477.369	1.09	Male reproductive organs	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_82658	GKPIIALPSVTNK	AGAP004396-PA	-	63	5.43E-07	1	1337.814	-0.69	Midgut	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_83824	MYSGFGGQVDFIR	AGAP004396-PA	M1(Oxidation)	73	6.78E-07	2	1492.692	1.73	Salivary gland	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_84227	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	83	1.59E-08	1	1837.042	2.85	Visceras	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_85093	IVGSFLIGTK	AGAP004396-PA	-	82	1.52E-08	1	1034.625	0.75	Malpighian tubule	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_85653	DLGIHSEMFAGGVVDLVR	AGAP004396-PA	M8(Oxidation)	115	5.25E-11	1	1930.967	-1.24	Midgut	2R:-:55599207-55599154	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_85805	DITVTHMHTEGPASYCKPECK	AGAP004396-PA	M7(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl)	59	9.57E-06	1	2477.088	-0.59	Ovary	2R:-:55599750-55599688	exon=> In CDS Exon 2 of transcript AGAP004396-PA

JHU_Ag_85872	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	M21(Oxidation)	167	2.70E-16	1	2329.188	0.97	Head	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_86370	LIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C20(Carbamidomethyl), C28(Carbamidomethyl)	62	7.89E-06	1	3269.603	3.15	Salivary gland	2R:-:55599567-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_86631	MYSGFGGQVDFIR	AGAP004396-PA	M1(Oxidation)	61	9.58E-06	1	1492.688	-0.56	Male reproductive organs	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_86909	AHVHYVVTEYGIANLFGR	AGAP004396-PA	-	129	1.54E-12	1	2046.062	3.14	Midgut	2R:-:55598585-55598532	exon=> In CDS Exon 4 of transcript AGAP004396-PA
JHU_Ag_88175	GKPIIALPSVTNK	AGAP004396-PA	-	76	2.70E-08	1	1337.817	1.22	Malpighian tubule	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_89688	YTTAEEAVK	AGAP004396-PA	-	39	0.001605899	2	1011.500	0.33	Midgut	2R:-:55602735-55602709	exon=> In CDS Exon 1 of transcript AGAP004396-PA
JHU_Ag_89872	KLIQPDVAIVSVSPPDNHGYCTLGTSVDCVR	AGAP004396-PA	C21(Carbamidomethyl), C29(Carbamidomethyl)	121	8.14E-12	1	3397.676	-3.4	Visceras	2R:-:55599570-55599478	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_90498	SLFMGGNVR	AGAP004396-PA	M4(Oxidation)	65	3.35E-06	1	996.494	0.7	Malpighian tubule	2R:-:55599669-55599643	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_90865	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	90	3.13E-09	1	1837.044	3.98	Ovary	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_91165	SGDIVFAQGAAATPVHLLDAMTK	AGAP004396-PA	Q8(Deamidated), M21(Oxidation),M21(Oxidation)	170	1.47E-16	1	2313.196	2.05	Malpighian tubule	2R:-:55602699-55602879,55599042-55599775	exon=> In CDS Exon 2 and 1 of transcript AGAP004396-PA
JHU_Ag_91729	IVGSFLIGTK	AGAP004396-PA	-	78	3.98E-08	1	1034.624	-0.78	Ovary	2R:-:55599108-55599079	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_91841	YTTAEEAVK	AGAP004396-PA	-	46	0.000305814	2	1011.498	-1.48	Head	2R:-:55602735-55602709	exon=> In CDS Exon 1 of transcript AGAP004396-PA
JHU_Ag_92373	GKPIIALPSVTNK	AGAP004396-PA	-	63	5.43E-07	1	1337.815	-0.33	Male reproductive organs	2R:-:55598762-55598724	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_92826	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	94	1.21E-09	1	2477.373	2.61	Salivary gland	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_93158	ISPILKPGAGVVTSR	AGAP004396-PA	-	72	1.18E-07	1	1494.899	-0.9	Malpighian tubule	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_94154	LYDFVDNNPFIEMLEINYVNNVGIISR	AGAP004396-PA	M13(Oxidation)	197	2.43E-19	1	3217.590	0.78	Malpighian tubule	2R:-:55599075-55599839,55598690-55598910	exon=> In CDS Exon 3 and 2 of transcript AGAP004396-PA
JHU_Ag_95218	DITVTHMHTEGPASYCKPECK	AGAP004396-PA	M7(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl)	68	1.36E-06	1	2477.086	-1.47	Midgut	2R:-:55599750-55599688	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_97250	LYDFVDNNPFIEMLEINYVNNVGIISR	AGAP004396-PA	M13(Oxidation)	162	6.85E-16	1	3217.586	-0.59	Ovary	2R:-:55599075-55599839,55598690-55598910	exon=> In CDS Exon 3 and 2 of transcript AGAP004396-PA
JHU_Ag_99108	ISPILKPGAGVVTSR	AGAP004396-PA	-	60	1.64E-06	1	1494.898	-1.23	Midgut	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_100143	KLYDFVDNNPFIEMLEINYVNNVGIISR	AGAP004396-PA	M14(Oxidation)	110	1.02E-10	1	3345.691	2.54	Malpighian tubule	2R:-:55599078-55599839,55598690-55598910	exon=> In CDS Exon 3 and 2 of transcript AGAP004396-PA
JHU_Ag_105174	SLFMGGNVR	AGAP004396-PA	-	36	0.003650632	1	980.497	-1.36	Head	2R:-:55599669-55599643	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_105999	AYALIQIAHPDHR	AGAP004396-PA	-	87	2.19E-08	1	1504.806	2.65	Ovary	2R:-:55598516-55598478	exon=> In CDS Exon 4 of transcript AGAP004396-PA

JHU_Ag_106031	MYSGFGGQVDFIR	AGAP004396-PA	M1(Oxidation)	61	9.38E-06	1	1492.689	-0.23	Pupa	2R:-:55598828-55598790	exon=> In CDS Exon 3 of transcript AGAP004396-PA
JHU_Ag_107536	AALENSK	AGAP004396-PA	-	44	0.00081223	2	732.389	-0.11	Malpighian tubule	2R:-:55599477-55599457	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_108905	SLFMGGNVR	AGAP004396-PA	-	43	0.000772707	2	980.498	-0.3	Visceras	2R:-:55599669-55599643	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_109458	ISPILKPGAGVVTSR	AGAP004396-PA	-	43	0.000102134	2	1494.904	2.77	Larva	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_110791	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	42	0.000195574	1	1837.037	-0.14	Male reproductive organs	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_112556	ISPILKPGAGVVTSR	AGAP004396-PA	-	72	9.86E-08	1	1494.901	0.4	Head	2R:-:55598711-55598956,55598421-55598586	exon=> In CDS Exon 4 and 3 of transcript AGAP004396-PA
JHU_Ag_113255	VIIAQVNK	AGAP004396-PA	-	50	4.33E-05	2	884.556	-0.25	Head	2R:-:55599456-55599433	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_113996	GDAVPIFLHEIPLLFR	AGAP004396-PA	-	77	6.72E-08	1	1837.042	2.72	Pupa	2R:-:55599621-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_115915	DITVTHMHTEGPASYCKPECK	AGAP004396-PA	M7(Oxidation), C16(Carbamidomethyl), C20(Carbamidomethyl),"C16(Carbamidomethyl), C20(Carbamidomethyl)"	151	7.42E-15	1	2477.097	2.84	Head	2R:-:55599750-55599688	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_116632	AAVADGRGDAVPIFLHEIPLLFR	AGAP004396-PA	-	76	7.33E-08	1	2477.384	7	Larva	2R:-:55599642-55599574	exon=> In CDS Exon 2 of transcript AGAP004396-PA
JHU_Ag_17355	ELNLTDIPVR	AGAP004399-PB	-	57	1.54E-05	2	1169.655	1.87	Visceras	2R:-:55668036-55668007	exon=> In CDS Exon 2 of transcript AGAP004399-PB
JHU_Ag_55569	VLVVAHGTSLR	AGAP004399-PB	-	35	0.000608177	1	1151.690	-0.06	Head	2R:-:55667712-55667680	exon=> In CDS Exon 2 of transcript AGAP004399-PB
JHU_Ag_58018	TVHGLAIFGGVIAYPIWVIAHVR	AGAP004400-PB	-	22	0.005253139	1	2489.429	4.32	Malpighian tubule	2R:-:55673027-55672959	exon=> In CDS Exon 2 of transcript AGAP004400-PB
JHU_Ag_106128	TVHGLAIFGGVIAYPIWVIAHVR	AGAP004400-PB	-	146	3.09E-15	1	2489.415	-1.33	Midgut	2R:-:55673027-55672959	exon=> In CDS Exon 2 of transcript AGAP004400-PB
JHU_Ag_47692	LFTWIVSR	AGAP004403-PA	-	53	3.95E-05	2	1021.582	-1.05	Ovary	2R:-:55715669-55715646	exon=> In CDS Exon 9 of transcript AGAP004403-PA
JHU_Ag_64559	LFTWIVSR	AGAP004403-PA	-	45	0.00011252	2	1021.586	3.07	Visceras	2R:-:55715669-55715646	exon=> In CDS Exon 9 of transcript AGAP004403-PA
JHU_Ag_103446	LFTWIVSR	AGAP004403-PA	-	64	3.39E-06	2	1021.583	-0.16	Midgut	2R:-:55715669-55715646	exon=> In CDS Exon 9 of transcript AGAP004403-PA
JHU_Ag_37910	LFNLHVLGLHGNPLGK	AGAP004405-PA	-	110	3.34E-11	1	1728.988	-1.65	Ovary	2R:-:55809145-55809098	exon=> In CDS Exon 2 of transcript AGAP004405-PA
JHU_Ag_49428	SLPAELGELIQLR	AGAP004405-PA	-	85	1.14E-08	1	1438.827	0.16	Ovary	2R:-:55809321-55809588,55809025-55809200	exon=> In CDS Exon 2 and 1 of transcript AGAP004405-PA
JHU_Ag_55888	ELLLNNNYLR	AGAP004405-PA	-	52	6.70E-05	1	1261.690	0.42	Ovary	2R:-:55809199-55809170	exon=> In CDS Exon 2 of transcript AGAP004405-PA
JHU_Ag_76374	LPHQIGQLANLR	AGAP004405-PA	-	39	0.000572095	1	1359.788	1.95	Ovary	2R:-:55809387-55809352	exon=> In CDS Exon 1 of transcript AGAP004405-PA
JHU_Ag_95178	DNIGLAALLK	AGAP004405-PA	-	51	4.42E-05	2	1027.615	0.7	Ovary	2R:-:55724647-55724618	exon=> In CDS Exon 6 of transcript AGAP004405-PA
JHU_Ag_96722	SLPAELGELIQLR	AGAP004405-PA	-	62	1.79E-06	2	1438.836	6.27	Head	2R:-:55809321-55809588,55809025-55809200	exon=> In CDS Exon 2 and 1 of transcript AGAP004405-PA

JHU_Ag_103269	LFNLHVLGLHGNPLGK	AGAP004405-PA	-	37	0.000510474	1	1728.995	2.38	Head	2R:-:55809145-55809098	exon=> In CDS Exon 2 of transcript AGAP004405-PA
JHU_Ag_1022	QIVPSAATFEAPR	AGAP004407-PA	-	51	0.00011762	1	1386.738	0.31	Head	2R:+:55812676-55812714	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_3145	QIVPSAATFEAPR	AGAP004407-PA	-	70	1.23E-06	2	1386.737	-0.57	Midgut	2R:+:55812676-55812714	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_30721	DLYGDGFALWYSR	AGAP004407-PA	-	99	1.78E-09	1	1562.731	2.5	Pupa	2R:+:55812190-55812228	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_40855	LPTGYYFGASATTGDLSDNHDIISIK	AGAP004407-PA	-	182	9.32E-18	1	2756.355	4.94	Larva	2R:+:55812553-55812630	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_51502	LPTGYYFGASATTGDLSDNHDIISIK	AGAP004407-PA	-	220	1.43E-21	1	2756.347	2.08	Midgut	2R:+:55812553-55812630	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_57787	QIVPSAATFEAPR	AGAP004407-PA	-	52	8.12E-05	2	1386.742	3.12	Malpighian tubule	2R:+:55812676-55812714	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_58570	FFELEAPSLLAEDRR	AGAP004407-PA	-	39	0.001794795	1	1792.925	1.04	Pupa	2R:+:55812631-55812675	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_58646	DRLQTGPVFGSK	AGAP004407-PA	-	46	0.000387875	1	1304.696	0.14	Midgut	2R:+:55812229-55812264	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_64589	LPTGYYFGASATTGDLSDNHDIISIK	AGAP004407-PA	-	163	7.89E-16	1	2756.355	4.74	Head	2R:+:55812553-55812630	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_67303	YENDVLTVFTDLENK	AGAP004407-PA	-	39	0.001545038	3	1799.868	-0.85	Ovary	2R:+:55812469-55812513	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_68110	FFELEAPSLLAEDR	AGAP004407-PA	-	73	7.06E-07	1	1636.829	4.49	Larva	2R:+:55812631-55812672	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_72959	QIVPSAATFEAPR	AGAP004407-PA	-	43	0.000638971	2	1386.739	0.83	Pupa	2R:+:55812676-55812714	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_78776	FFELEAPSLLAEDR	AGAP004407-PA	-	74	6.30E-07	2	1636.823	0.46	Ovary	2R:+:55812631-55812672	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_81235	FFELEAPSLLAEDRR	AGAP004407-PA	-	53	6.89E-05	1	1792.923	-0.09	Midgut	2R:+:55812631-55812675	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_83017	FFELEAPSLLAEDR	AGAP004407-PA	-	81	1.40E-07	1	1636.823	0.76	Pupa	2R:+:55812631-55812672	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_83561	YENDVLTVFTDLENK	AGAP004407-PA	-	78	2.41E-07	1	1799.877	4.04	Pupa	2R:+:55812469-55812513	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_87733	YENDVLTVFTDLENK	AGAP004407-PA	-	85	4.70E-08	2	1799.881	6.14	Head	2R:+:55812469-55812513	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_92061	LPTGYYFGASATTGDLSDNHDIISIK	AGAP004407-PA	-	185	5.06E-18	1	2756.349	2.61	Pupa	2R:+:55812553-55812630	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_99366	FFELEAPSLLAEDR	AGAP004407-PA	-	92	9.23E-09	2	1636.817	-2.67	Midgut	2R:+:55812631-55812672	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_105453	YENDVLTVFTDLENK	AGAP004407-PA	-	62	7.92E-06	2	1799.885	8.18	Male reproductive organs	2R:+:55812469-55812513	exon=> In CDS Exon 3 of transcript AGAP004407-PA
JHU_Ag_6339	TCNNVIPNLPVNPGLEGYQLPR	AGAP004408-PA	C2(Carbamidomethyl)	39	0.001249791	1	2465.267	2.5	Ovary	2R:-:55815482-55815417	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_15496	WDDTKGDENIDFMPTILSR	AGAP004408-PA	-	34	0.006088006	1	2253.052	1.09	Ovary	2R:-:55814513-55814457	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_16475	LRAGVGEHEK	AGAP004408-PA	-	42	0.000666812	1	1095.593	2.58	Malpighian tubule	2R:-:55814228-55814199	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_24824	FAIGSQVSEQSIIQDFAR	AGAP004408-PA	-	165	4.00E-16	1	1996.015	0.53	Ovary	2R:-:55813946-55813893	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_27472	LAANPNIYDTLADSLAPSIFGSQDIKK	AGAP004408-PA	-	79	1.09E-07	1	2862.490	0.39	Ovary	2R:-:55815023-55814943	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_42602	LQELPDFIPQGEIPR	AGAP004408-PA	-	48	0.000105995	2	1751.946	7.48	Malpighian tubule	2R:-:55815317-55815273	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_43128	TFCEANFSYK	AGAP004408-PA	C3(Carbamidomethyl)	51	5.57E-05	1	1266.547	0.55	Ovary	2R:-:55815964-55815935	exon=> In CDS Exon 1 of transcript AGAP004408-PA

JHU_Ag_46114	FNNITSEEESTFR	AGAP004408-PA	-	60	1.06E-05	2	1573.715	1.31	Ovary	2R:-:55815065-55815027	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_47984	GSSAAGLTASVIRDPATR	AGAP004408-PA	-	58	1.48E-05	1	1729.921	1.3	Ovary	2R:-:55814774-55814721	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_49831	MQLQPFATEAHVSEALR	AGAP004408-PA	M1(Oxidation)	58	2.44E-05	1	1927.972	1.09	Ovary	2R:-:55814117-55814067	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_51636	VAGIIIAASGIK	AGAP004408-PA	-	52	1.11E-05	2	1112.704	-0.16	Salivary gland	2R:-:55815551-55815516	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_51675	VAPIAVYTSGK	AGAP004408-PA	-	38	0.000957864	2	1105.628	2.59	Malpighian tubule	2R:-:55814807-55814775	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_52939	VAGIIIAASGIK	AGAP004408-PA	-	40	0.000162195	2	1112.709	4.34	Malpighian tubule	2R:-:55815551-55815516	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_66771	FNNITSEEESTFR	AGAP004408-PA	-	58	1.75E-05	2	1573.716	1.85	Salivary gland	2R:-:55815065-55815027	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_76325	EVADEITSPRPEGEEVVHDIQVLLVSGANPTNIR	AGAP004408-PA	-	71	5.97E-07	1	3683.903	4.24	Ovary	2R:-:55815689-55815588	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_83973	FDMIFIVKDEHDQQR	AGAP004408-PA	-	41	0.001201705	1	1920.931	1.65	Ovary	2R:-:55814456-55814412	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_98845	LQELPDFIPQGEIPR	AGAP004408-PA	-	71	7.99E-07	2	1751.937	2.25	Ovary	2R:-:55815317-55815273	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_106559	LNEAAAEKLK	AGAP004408-PA	-	35	0.004445733	1	1086.618	2.35	Malpighian tubule	2R:-:55814273-55814244	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_112193	AITSMLFGGSR	AGAP004408-PA	M5(Oxidation)	38	0.001451633	2	1155.586	3.13	Ovary	2R:-:55814942-55814910	exon=> In CDS Exon 2 of transcript AGAP004408-PA
JHU_Ag_13280	KPSLTSSVATAK	AGAP004411-PA	-	35	0.002350656	1	1189.677	-1.62	Visceras	2R:-:55838961-55838926	exon=> In CDS Exon 3 of transcript AGAP004411-PA
JHU_Ag_71890	KPSLTSSVATAK	AGAP004411-PA	-	33	0.003665972	1	1189.678	-0.39	Pupa	2R:-:55838961-55838926	exon=> In CDS Exon 3 of transcript AGAP004411-PA
JHU_Ag_44491	HGLHTLCLLDIK	AGAP004412-PA	C7(Carbamidomethyl)	62	5.86E-06	2	1419.781	2.34	Ovary	2R:-:55845408-55845373	exon=> In CDS Exon 2 of transcript AGAP004412-PA
JHU_Ag_47151	FMSVSEAADQLLQIVAK	AGAP004412-PA	M2(Oxidation)	123	6.30E-12	1	1865.967	-0.34	Ovary	2R:-:55845312-55845262	exon=> In CDS Exon 2 of transcript AGAP004412-PA
JHU_Ag_104358	NVDLGPPLHSLIIPNGQLHPLEMEFLQQFAELK	AGAP004412-PA	M23(Oxidation)	87	9.89E-09	1	3753.967	-0.01	Ovary	2R:-:55845123-55845025	exon=> In CDS Exon 2 of transcript AGAP004412-PA
JHU_Ag_1880	AIDPAAAYSFLYK	AGAP004414-PA	-	62	8.70E-06	2	1429.746	6.58	Ovary	2R:+:55849481-55849519	exon=> In CDS Exon 2 of transcript AGAP004414-PA
JHU_Ag_20388	NSILVLK	AGAP004414-PA	N1(Deamidated)	39	0.00051214	1	787.492	-0.45	Midgut	2R:+:55850063-55850083	exon=> In CDS Exon 2 of transcript AGAP004414-PA
JHU_Ag_19482	IYGLSGMKNLR	AGAP004416-PA	M7(Oxidation)	25	0.024582559	2	1267.698	11.76	Midgut	2R:+:55850923-55850955	exon=> In CDS Exon 2 of transcript AGAP004416-PA
JHU_Ag_28254	LLLTQIPFYK	AGAP004417-PA	-	64	5.51E-07	1	1235.743	2.32	Ovary	2R:-:55852742-55852713	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_29140	LLLTQIPFYK	AGAP004417-PA	-	28	0.001697063	1	1235.746	5.34	Visceras	2R:-:55852742-55852713	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_32091	LLLTQIPFYK	AGAP004417-PA	-	39	0.000136678	2	1235.745	3.8	Salivary gland	2R:-:55852742-55852713	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_38250	DLATTISYFQR	AGAP004417-PA	-	45	0.000388421	2	1314.673	3.15	Malpighian tubule	2R:-:55852286-55852254	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_67737	LLLTQIPFYK	AGAP004417-PA	-	47	2.78E-05	2	1235.740	-0.25	Midgut	2R:-:55852742-55852713	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_86514	FTTIEGLLTAMR	AGAP004417-PA	M11(Oxidation)	68	1.71E-06	2	1368.724	3.69	Malpighian tubule	2R:-:55851782-55851747	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_100455	IQHPEAAEQIDAFISNLQK	AGAP004417-PA	-	37	0.002271302	1	2152.111	3.56	Ovary	2R:-:55852430-55852374	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_105599	LLLTQIPFYK	AGAP004417-PA	-	39	0.000130526	1	1235.747	5.87	Male reproductive organs	2R:-:55852742-55852713	exon=> In CDS Exon 2 of transcript AGAP004417-PA

JHU_Ag_110886	ELECEVGAGALGGR	AGAP004417-PA	C4(Carbamidomethyl)	111	1.11E-10	2	1417.679	3.38	Ovary	2R:-:55851824-55851783	exon=> In CDS Exon 2 of transcript AGAP004417-PA
JHU_Ag_6459	LCGGCTEDGVYQNVAILTR	AGAP004418-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	89	2.15E-08	1	2126.001	-0.03	Visceras	2R:-:55854071-55854015	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_6913	HSSDTTAVQFYNDHVFSAGGDGK	AGAP004418-PA	-	126	2.33E-12	1	2440.083	1.06	Head	2R:-:55854952-55854884	exon=> In CDS Exon 1 of transcript AGAP004418-PA
JHU_Ag_8562	DEIECLFVDPK	AGAP004418-PA	C5(Carbamidomethyl)	68	2.40E-06	2	1364.643	1.69	Head	2R:-:55854329-55854297	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_22808	DNDLTVTEIIEGSASGR	AGAP004418-PA	-	41	0.001450605	2	1776.863	0.98	Midgut	2R:-:55854164-55854114	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_27498	DGLGITMIR	AGAP004418-PA	M7(Oxidation)	48	0.000222659	2	991.524	0.31	Ovary	2R:-:55854014-55853988	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_33469	DNDLTVTEIIEGSASGR	AGAP004418-PA	-	46	0.000436042	2	1776.861	-0.19	Head	2R:-:55854164-55854114	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_55102	FNVVEQVR	AGAP004418-PA	-	59	1.68E-05	2	990.539	2.07	Male reproductive organs	2R:-:55854227-55854204	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_59234	PATVQNVSGDSDK	AGAP004418-PA	-	72	9.24E-07	1	1317.628	-0.23	Head	2R:-:55854991-55854953	exon=> In CDS Exon 1 of transcript AGAP004418-PA
JHU_Ag_78292	FNVVEQVR	AGAP004418-PA	-	56	3.52E-05	2	990.537	0.22	Visceras	2R:-:55854227-55854204	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_85694	DGLGITMIR	AGAP004418-PA	M7(Oxidation)	49	0.000195968	2	991.524	0.25	Male reproductive organs	2R:-:55854014-55853988	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_93554	GQLYTSSCDGTIK	AGAP004418-PA	C8(Carbamidomethyl)	85	4.25E-08	1	1429.664	0.65	Ovary	2R:-:55854422-55854384	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_105852	FNVVEQVR	AGAP004418-PA	-	48	0.000271087	1	990.535	-1.38	Ovary	2R:-:55854227-55854204	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_108389	LCGGCTEDGVYQNVAILTR	AGAP004418-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	98	2.78E-09	2	2126.010	4.34	Head	2R:-:55854071-55854015	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_117329	DNDLTVTEIIEGSASGR	AGAP004418-PA	-	74	6.44E-07	2	1776.867	3.11	Visceras	2R:-:55854164-55854114	exon=> In CDS Exon 2 of transcript AGAP004418-PA
JHU_Ag_23819	SIGMNPLQK	AGAP004419-PA	N5(Deamidated), Q8(Deamidated)	38	0.002839028	2	989.494	-3.29	Salivary gland	2R:+:55857257-55857283	exon=> In CDS Exon 4 of transcript AGAP004419-PA
JHU_Ag_2951	FISLTQTGEQTAIR	AGAP004420-PA	-	92	7.12E-09	2	1564.833	-0.21	Ovary	2R:-:55859680-55859639	exon=> In CDS Exon 2 of transcript AGAP004420-PA
JHU_Ag_51403	FLEDLHLNPESK	AGAP004420-PA	-	68	2.38E-06	1	1441.732	-0.12	Ovary	2R:-:55859473-55859438	exon=> In CDS Exon 2 of transcript AGAP004420-PA
JHU_Ag_1179	VWLDPNEINEIGNTNSR	AGAP004422-PA	-	143	6.76E-14	1	1970.965	4.33	Head	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_4495	RQELLQTIAK	AGAP004422-PA	-	65	1.84E-06	1	1199.711	-0.17	Ovary	2R:-:55869672-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_5059	HCGYGK	AGAP004422-PA	C2(Carbamidomethyl)	29	0.009261076	1	721.309	0.94	Malpighian tubule	2R:-:55869990-55869973	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_5597	ILIEHIHK	AGAP004422-PA	-	41	0.000235029	1	1002.613	3.38	Head	2R:-:55869804-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_6466	ILIEHIHKR	AGAP004422-PA	-	63	1.17E-06	1	1158.711	0.62	Malpighian tubule	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_7448	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	100	1.59E-09	1	2099.050	-0.88	Midgut	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_9950	SKMLSDQAEAK	AGAP004422-PA	M3(Oxidation)	60	1.55E-05	1	1223.596	1.48	Malpighian tubule	2R:-:55869759-55869727	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_14171	QELLQTIAK	AGAP004422-PA	-	35	0.003110449	1	1043.609	-0.39	Visceras	2R:-:55869669-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_14184	QELLQTIAKEEETAQHVAATGK	AGAP004422-PA	-	146	2.14E-14	1	2395.252	2.18	Visceras	2R:-:55869669-55869604	exon=> In CDS Exon 3 of transcript AGAP004422-PA

JHU_Ag_15061	RQELLQTIAK	AGAP004422-PA	-	35	0.001821363	2	1199.709	-1.09	Pupa	2R:-:55869672-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_18415	ILIEHIHKR	AGAP004422-PA	-	29	0.002816786	1	1158.710	-0.58	Ovary	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_20609	ILIEHIHKR	AGAP004422-PA	-	65	6.87E-07	1	1158.712	1.36	Pupa	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_20682	AKGNVFK	AGAP004422-PA	-	35	0.003592723	2	763.446	-0.14	Midgut	2R:-:55869834-55869814	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_20988	HLYHDLYMR	AGAP004422-PA	M8(Oxidation)	45	0.000426669	1	1247.599	-0.03	Visceras	2R:-:55869861-55869835	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_21555	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	58	2.19E-05	2	2099.060	4.12	Head	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_21622	VWLDPNEINEIGNTNSR	AGAP004422-PA	N15(Deamidated)	132	9.16E-13	1	1970.960	1.79	Pupa	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_21734	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	53	7.25E-05	1	2099.059	3.47	Larva	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_21771	EEETAQHVAATGK	AGAP004422-PA	Q6(Deamidated)	96	2.93E-09	1	1370.658	2.58	Head	2R:-:55869642-55869604	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_25347	EEETAQHVAATGK	AGAP004422-PA	-	84	4.94E-08	2	1370.655	0.53	Male reproductive organs	2R:-:55869642-55869604	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_27941	HLYHDLYMR	AGAP004422-PA	M8(Oxidation)	51	0.000125927	1	1263.597	2.5	Larva	2R:-:55869861-55869835	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_29795	DGLIIK	AGAP004422-PA	-	31	0.003541706	1	658.414	0.76	Larva	2R:-:55870074-55870057	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_29940	DGLIIKKPVVVHSR	AGAP004422-PA	-	80	3.06E-09	1	1560.959	0.64	Malpighian tubule	2R:-:55870074-55870033	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_30625	HLYHDLYMR	AGAP004422-PA	-	46	0.000356777	1	1247.602	2.46	Malpighian tubule	2R:-:55869861-55869835	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_32967	HLYHDLYMR	AGAP004422-PA	M8(Oxidation)	46	0.000347921	1	1263.591	-2.36	Head	2R:-:55869861-55869835	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_33933	RQELLQTIAK	AGAP004422-PA	-	57	9.49E-06	1	1199.711	0.24	Male reproductive organs	2R:-:55869672-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_36030	ILIEHIHKR	AGAP004422-PA	-	29	0.002839352	1	1158.711	-0.02	Salivary gland	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_38831	ILIEHIHKR	AGAP004422-PA	-	27	0.003817279	1	1158.709	-1.38	Head	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_41479	EEETAQHVAATGK	AGAP004422-PA	-	88	1.83E-08	2	1370.659	2.94	Malpighian tubule	2R:-:55869642-55869604	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_44876	DGLIIK	AGAP004422-PA	-	31	0.004143752	1	658.413	-0.17	Midgut	2R:-:55870074-55870057	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_46564	ILIEHIHK	AGAP004422-PA	-	49	4.04E-05	1	1002.610	0.09	Male reproductive organs	2R:-:55869804-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_47228	RQELLQTIAK	AGAP004422-PA	-	57	1.04E-05	1	1199.714	2.48	Malpighian tubule	2R:-:55869672-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_47350	VWLDPNEINEIGNTNSR	AGAP004422-PA	N15(Deamidated),N13(Deamidated)	113	6.70E-11	1	1970.952	-2.49	Male reproductive organs	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_47861	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	43	0.000710006	1	2099.056	2.08	Pupa	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_51792	ILIEHIHK	AGAP004422-PA	-	51	2.49E-05	2	1002.611	1.49	Larva	2R:-:55869804-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA

JHU_Ag_51955	VWLDPNEINEIGNTNSR	AGAP004422-PA	-	159	1.68E-15	1	1970.963	3.21	Malpighian tubule	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_52085	HLYHDLYMR	AGAP004422-PA	M8(Oxidation)	64	5.93E-06	1	1263.594	-0.2	Ovary	2R:-:55869861-55869835	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_52213	LIKDGLIIK	AGAP004422-PA	-	52	4.41E-06	1	1012.679	2.24	Malpighian tubule	2R:-:55870083-55870057	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_52292	RILIEHIHK	AGAP004422-PA	-	45	6.40E-05	1	1158.712	1.4	Head	2R:-:55869807-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_53171	LIKDGLIIK	AGAP004422-PA	-	45	2.93E-05	1	1012.676	-0.53	Male reproductive organs	2R:-:55870083-55870057	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_53359	MLSDQAEAKR	AGAP004422-PA	M1(Oxidation)	42	0.000943622	2	1164.566	-1.8	Ovary	2R:-:55869753-55869724	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_53965	QELLQTIAK	AGAP004422-PA	-	34	0.003802035	2	1043.612	2.3	Head	2R:-:55869669-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_60206	MLSDQAEAK	AGAP004422-PA	M1(Oxidation)	45	0.000291624	1	1008.460	-6.74	Male reproductive organs	2R:-:55869753-55869727	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_60505	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	81	1.15E-07	1	2099.058	3.07	Visceras	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_60912	KPVVVHSR	AGAP004422-PA	-	50	7.35E-06	1	921.566	3.72	Ovary	2R:-:55870056-55870033	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_64865	HLYHDLYMR	AGAP004422-PA	M8(Oxidation)	49	0.000196377	1	1247.599	-0.17	Midgut	2R:-:55869861-55869835	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_64968	ILIEHIHK	AGAP004422-PA	-	48	4.63E-05	1	1002.609	-0.21	Visceras	2R:-:55869804-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_65833	SSLKLQK	AGAP004422-PA	N-Term(Acetyl)	47	0.00016192	1	845.511	2.76	Malpighian tubule	2R:-:55870816-55870819,55870192-55870280	exon=> In CDS Exon 2 and 1 of transcript AGAP004422-PA
JHU_Ag_66302	LAASVMR	AGAP004422-PA	-	45	0.000516728	2	747.420	2.58	Malpighian tubule	2R:-:55870276-55870256	exon=> In CDS Exon 2 of transcript AGAP004422-PA
JHU_Ag_67793	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	120	1.71E-11	1	2099.051	-0.18	Male reproductive organs	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_72385	VWLDPNEINEIGNTNSR	AGAP004422-PA	N15(Deamidated),N13(Deamidated)	124	5.85E-12	1	1970.971	7.05	Larva	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_73371	MLSDQAEAKR	AGAP004422-PA	M1(Oxidation)	61	1.44E-05	2	1164.570	2.08	Malpighian tubule	2R:-:55869753-55869724	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_76726	ILIEHIHK	AGAP004422-PA	-	45	0.000170507	1	1002.609	-0.7	Ovary	2R:-:55869804-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_80524	LAASVMR	AGAP004422-PA	-	51	0.000146231	2	747.418	-0.76	Visceras	2R:-:55870276-55870256	exon=> In CDS Exon 2 of transcript AGAP004422-PA
JHU_Ag_80653	ILIEHIHK	AGAP004422-PA	-	37	0.000645835	2	1002.611	1.56	Pupa	2R:-:55869804-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_84322	QELLQTIAKEEETAQHVAATGK	AGAP004422-PA	-	172	6.05E-17	1	2395.247	0.27	Ovary	2R:-:55869669-55869604	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_84593	VWLDPNEINEIGNTNSR	AGAP004422-PA	-	134	6.01E-13	1	1970.961	1.97	Ovary	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_85182	RQELLQTIAK	AGAP004422-PA	Q6(Deamidated),Q2(Deamidated)	66	1.43E-06	1	1199.709	-1.49	Head	2R:-:55869672-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_87689	KPVVVHSR	AGAP004422-PA	-	43	0.000125018	2	921.563	0.48	Visceras	2R:-:55870056-55870033	exon=> In CDS Exon 3 of transcript AGAP004422-PA

JHU_Ag_87790	VWLDPNEINEIGNTNSR	AGAP004422-PA	-	124	5.83E-12	1	1970.960	1.85	Visceras	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_91056	VWLDPNEINEIGNTNSR	AGAP004422-PA	-	64	5.33E-06	1	1970.960	1.42	Salivary gland	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_97932	ILIEHIHKR	AGAP004422-PA	-	64	7.88E-07	1	1158.710	-0.54	Male reproductive organs	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_100254	VWLDPNEINEIGNTNSR	AGAP004422-PA	-	110	1.45E-10	1	1970.955	-0.94	Midgut	2R:-:55870240-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_103335	VWLDPNEINEIGNTNSRQNIR	AGAP004422-PA	-	49	0.000151822	1	2482.253	3.77	Malpighian tubule	2R:-:55870240-55870298,55869598-55870087	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_104509	DGLIIK	AGAP004422-PA	-	34	0.002053023	1	658.413	-1.37	Ovary	2R:-:55870074-55870057	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_106284	ILIEHIHK	AGAP004422-PA	-	45	0.000104261	1	1002.612	2.77	Malpighian tubule	2R:-:55869804-55869781	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_106585	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	59	1.63E-05	3	2099.059	3.47	Malpighian tubule	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_107706	ILIEHIHKR	AGAP004422-PA	-	41	0.000163966	1	1158.709	-1.05	Visceras	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_109244	AKGNVFK	AGAP004422-PA	-	40	0.000727691	2	763.448	2.57	Malpighian tubule	2R:-:55869834-55869814	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_109822	MLSDQAEAK	AGAP004422-PA	M1(Oxidation)	54	4.00E-05	2	1008.469	1.96	Malpighian tubule	2R:-:55869753-55869727	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_110563	RQELLQTIAK	AGAP004422-PA	-	55	1.47E-05	1	1199.717	5.22	Larva	2R:-:55869672-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_110793	KVWLDPNEINEIGNTNSR	AGAP004422-PA	-	67	2.83E-06	1	2099.054	1.29	Ovary	2R:-:55870243-55870298,55869598-55870099	exon=> In CDS Exon 3 and 2 of transcript AGAP004422-PA
JHU_Ag_112044	EEETAQHVAATGK	AGAP004422-PA	-	83	5.89E-08	2	1370.654	-0.8	Ovary	2R:-:55869642-55869604	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_114110	KPVVVHSR	AGAP004422-PA	-	55	7.78E-06	1	921.563	-0.25	Male reproductive organs	2R:-:55870056-55870033	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_114500	KPVVVHSR	AGAP004422-PA	-	37	0.00047833	2	921.558	-5.35	Head	2R:-:55870056-55870033	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_114725	ILIEHIHKR	AGAP004422-PA	-	39	0.000244768	1	1158.714	3.15	Larva	2R:-:55869804-55869778	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_115699	RQELLQTIAK	AGAP004422-PA	-	57	9.80E-06	1	1199.711	-0.17	Visceras	2R:-:55869672-55869643	exon=> In CDS Exon 3 of transcript AGAP004422-PA
JHU_Ag_685	AAFGEEVFHAESGELNR	AGAP004425-PA	-	33	0.008938489	1	1862.869	0.88	Head	2R:+:55885554-55885604	exon=> In CDS Exon 2 of transcript AGAP004425-PA
JHU_Ag_1328	AAFGEEVFHAESGELNR	AGAP004425-PA	-	49	0.000213108	1	1862.870	1.77	Midgut	2R:+:55885554-55885604	exon=> In CDS Exon 2 of transcript AGAP004425-PA
JHU_Ag_20252	VLNEITHPEIHR	AGAP004425-PA	-	44	0.00053694	1	1457.785	-0.54	Head	2R:+:55885650-55885685	exon=> In CDS Exon 2 of transcript AGAP004425-PA
JHU_Ag_31119	AAFGEEVFHAESGELNR	AGAP004425-PA	-	69	2.01E-06	1	1862.869	0.88	Malpighian tubule	2R:+:55885554-55885604	exon=> In CDS Exon 2 of transcript AGAP004425-PA
JHU_Ag_57329	AAFGEEVFHAESGELNREALGR	AGAP004425-PA	-	90	1.84E-08	1	2389.161	3.04	Malpighian tubule	2R:+:55885554-55885619	exon=> In CDS Exon 2 of transcript AGAP004425-PA
JHU_Ag_85609	AAFGEEVFHAESGELNR	AGAP004425-PA	-	42	0.001120985	1	1862.872	2.95	Visceras	2R:+:55885554-55885604	exon=> In CDS Exon 2 of transcript AGAP004425-PA
JHU_Ag_94130	DNGVPVIDADAIAR	AGAP004425-PA	-	35	0.003711729	2	1425.738	3.6	Head	2R:+:55885223-55885264	exon=> In CDS Exon 1 of transcript AGAP004425-PA

JHU_Ag_68488	GIVHVVDR	AGAP004426-PB,AGAP004426-PA,AGAP004428-PA	-	36	0.001389553	1	894.512	-3.83	Head	2R:+:55899535-55899558;2R:+:55899535-55899558;2R:+:55929054-55929077	exon=> In CDS Exon 6 of transcript AGAP004426-PB;exon=> In CDS Exon 6 of transcript AGAP004426-PA;exon=> In CDS Exon 3 of transcript AGAP004428-PA
JHU_Ag_29814	HIQIK	AGAP004427-PA,AGAP004413-PA	-	31	0.002060952	1	638.401	3.24	Head	2R:+:55924482-55924496;2R:+:55847203-55847217	exon=> In CDS Exon 2 of transcript AGAP004427-PA;exon=> In CDS Exon 3 of transcript AGAP004413-PA
JHU_Ag_24116	GNAALKEFLEYHVAEPLIK	AGAP004428-PA	-	77	1.28E-07	1	2142.165	2.65	Head	2R:+:55931042-55931098	exon=> In CDS Exon 4 of transcript AGAP004428-PA
JHU_Ag_32172	TFFIPTDQAFEQTETGR	AGAP004428-PA	-	86	4.01E-08	1	1987.942	1.01	Head	2R:+:55930949-55930999	exon=> In CDS Exon 4 of transcript AGAP004428-PA
JHU_Ag_33013	FDEETCGSVVHEIDK	AGAP004428-PA	C6(Carbamidomethyl)	72	5.37E-07	1	1764.777	1.24	Head	2R:+:55931305-55931349	exon=> In CDS Exon 5 of transcript AGAP004428-PA
JHU_Ag_35723	TTETISGHQLK	AGAP004428-PA	-	72	7.76E-07	1	1214.639	1.24	Head	2R:+:55931699-55931731	exon=> In CDS Exon 6 of transcript AGAP004428-PA
JHU_Ag_39206	TCGLEETTIPTK	AGAP004428-PA	C2(Carbamidomethyl)	50	0.000188127	2	1349.665	2.1	Head	2R:+:55931099-55931134	exon=> In CDS Exon 4 of transcript AGAP004428-PA
JHU_Ag_64774	TFFIPTDQAFEQTETGR	AGAP004428-PA	-	53	8.27E-05	2	1987.936	-1.93	Pupa	2R:+:55930949-55930999	exon=> In CDS Exon 4 of transcript AGAP004428-PA
JHU_Ag_91457	TFFIPTDQAFEQTETGR	AGAP004428-PA	-	38	0.002088406	2	1987.933	-3.28	Ovary	2R:+:55930949-55930999	exon=> In CDS Exon 4 of transcript AGAP004428-PA
JHU_Ag_94639	VNLYTTNPVFTTVMNR	AGAP004428-PA	M14(Oxidation)	106	4.66E-10	2	1885.959	6.12	Head	2R:+:55931153-55931170,55931245-55931274	exon=> In CDS Exon 4 and 5 of transcript AGAP004428-PA
JHU_Ag_99201	NTLMDIIEVR	AGAP004428-PA	-	69	1.78E-06	2	1203.641	0.45	Head	2R:+:55929096-55929125	exon=> In CDS Exon 3 of transcript AGAP004428-PA
JHU_Ag_112951	HYTIFAPNDDAFLK	AGAP004428-PA	-	86	4.59E-08	1	1651.811	-0.28	Head	2R:+:55929204-55929245	exon=> In CDS Exon 3 of transcript AGAP004428-PA
JHU_Ag_114565	TFFIPTDQAFEQTETGR	AGAP004428-PA	-	59	1.93E-05	1	1987.933	-3.28	Visceras	2R:+:55930949-55930999	exon=> In CDS Exon 4 of transcript AGAP004428-PA
JHU_Ag_21545	SAAEAQDLLEK	AGAP004430-PA	-	46	0.000506535	2	1174.596	0.37	Ovary	2R:+:55936003-55936035	exon=> In CDS Exon 2 of transcript AGAP004430-PA
JHU_Ag_70206	SVNPASIAVPAPASLPKPPIQWQTQAASK	AGAP004430-PA	-	42	0.00015753	1	2954.613	1.05	Ovary	2R:+:55940141-55940227	exon=> In CDS Exon 8 of transcript AGAP004430-PA
JHU_Ag_7248	SAAQMGFSVGEWILK	AGAP004435-PA	M5(Oxidation)	89	2.04E-08	1	1639.816	0.4	Midgut	2R:+:55996125-55996169	exon=> In CDS Exon 2 of transcript AGAP004435-PA
JHU_Ag_12623	SAAQMGFSVGEWILK	AGAP004435-PA	M5(Oxidation)	75	4.39E-07	1	1639.818	1.81	Male reproductive organs	2R:+:55996125-55996169	exon=> In CDS Exon 2 of transcript AGAP004435-PA
JHU_Ag_43139	VKDLDTDTLIK	AGAP004435-PA	-	36	0.002548421	2	1260.703	-1.25	Midgut	2R:+:55995951-55995983	exon=> In CDS Exon 2 of transcript AGAP004435-PA
JHU_Ag_50404	ELPVWVIGQAGHDEADESPYK	AGAP004435-PA	-	49	0.000167441	1	2340.125	4.71	Head	2R:+:55995358-55995379,55995454-55995494	exon=> In CDS Exon 1 and 2 of transcript AGAP004435-PA
JHU_Ag_86796	VPTHILTWGK	AGAP004435-PA	-	29	0.008450358	1	1151.657	0	Midgut	2R:+:55995211-55995240	exon=> In CDS Exon 1 of transcript AGAP004435-PA
JHU_Ag_95853	IPDIDAELCTR	AGAP004435-PA	C9(Carbamidomethyl)	46	0.000384462	2	1302.634	-1.21	Salivary gland	2R:+:55996065-55996097	exon=> In CDS Exon 2 of transcript AGAP004435-PA
JHU_Ag_107417	MFDMLPLFIR	AGAP004435-PA	M1(Oxidation), M4(Oxidation)	54	5.53E-05	1	1314.658	-0.05	Midgut	2R:+:55995792-55995821	exon=> In CDS Exon 2 of transcript AGAP004435-PA
JHU_Ag_116687	IWFLAIDEMEK	AGAP004435-PA	M9(Oxidation)	50	0.000164335	2	1410.696	-1.13	Midgut	2R:+:55995918-55995950	exon=> In CDS Exon 2 of transcript AGAP004435-PA
JHU_Ag_723	SSYYLSR	AGAP004437-PB,AGAP004437-PC	-	57	2.11E-05	2	875.426	0.57	Visceras	2R:+:56002429-56002449;2R:+:56002429-56002449	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_771	AILGLDIEQYR	AGAP004437-PB,AGAP004437-PC	-	95	2.77E-09	1	1290.709	2.91	Pupa	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_3774	VIFFLPWLNGTIAGTTDSPCDVTR	AGAP004437-PB,AGAP004437-PC	C20(Carbamidomethyl)	120	1.30E-11	1	2680.349	1.99	Visceras	2R:+:56002873-56002944;2R:+:56002873-56002944	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_3992	MNLAIALTAAR	AGAP004437-PB,AGAP004437-PC	-	103	4.57E-10	2	1144.657	5.26	Malpighian tubule	2R:+:56002540-56002572;2R:+:56002540-56002572	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_4329	ADALELFPMLR	AGAP004437-PB,AGAP004437-PC	-	88	2.99E-08	1	1275.679	2.03	Salivary gland	2R:+:56002450-56002482;2R:+:56002450-56002482	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_4339	AILGLDIEQYR	AGAP004437-PB,AGAP004437-PC	-	66	2.76E-06	2	1290.702	-2.48	Midgut	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_4409	CIINATGPFTDSIR	AGAP004437-PB,AGAP004437-PC	C1(Carbamidomethyl)	93	9.06E-09	1	1564.781	1.08	Visceras	2R:+:56002708-56002749;2R:+:56002708-56002749	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_4412	AMAEHTIDAAIK	AGAP004437-PB,AGAP004437-PC	M2(Oxidation)	102	8.89E-10	1	1286.641	-0.24	Visceras	2R:+:56003179-56003214;2R:+:56003179-56003214	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_4431	LVQDLGLEVEVAK	AGAP004437-PB,AGAP004437-PC	-	113	3.21E-11	1	1412.799	-0.43	Midgut	2R:+:56003305-56003343;2R:+:56003305-56003343	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_4436	ALQSDEEYDVLIIGGGATGAGCALDSVTR	AGAP004437-PB,AGAP004437-PC	C22(Carbamidomethyl)	63	7.90E-06	3	2938.398	-4.22	Midgut	2R:+:56001870-56001956;2R:+:56001870-56001956	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_4515	LITIAGGK	AGAP004437-PB,AGAP004437-PC	-	45	0.000140359	2	772.494	1.06	Pupa	2R:+:56003140-56003163;2R:+:56003140-56003163	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_5339	ALQSDEEYDVLIIGGGATGAGCALDSVTR	AGAP004437-PB,AGAP004437-PC	C22(Carbamidomethyl)	113	7.52E-11	1	2938.429	6.44	Malpighian tubule	2R:+:56001870-56001956;2R:+:56001870-56001956	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_5381	EICCPSSGVHIVLPGYYSPQQMGLLDPDTSDGR	AGAP004437-PB,AGAP004437-PC	C3(Carbamidomethyl),C4(Carbamidomethyl),"C3(Carbamidomethyl),C4(Carbamidomethyl),M22(Oxidation)"	104	4.51E-10	1	3648.689	3.27	Visceras	2R:+:56002774-56002872;2R:+:56002774-56002872	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_6740	QEVDMYVK	AGAP004437-PB,AGAP004437-PC	M5(Oxidation)	41	0.000695856	1	1027.477	0.33	Visceras	2R:+:56003722-56003745;2R:+:56003722-56003745	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_8159	RFETIDK	AGAP004437-PB,AGAP004437-PC	-	36	0.004211957	1	908.481	-2.38	Head	2R:+:56003746-56003766;2R:+:56003746-56003766	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_8692	AMAEHTIDAAIK	AGAP004437-PB,AGAP004437-PC	M2(Oxidation)	83	7.33E-08	1	1286.643	1.37	Head	2R:+:56003179-56003214;2R:+:56003179-56003214	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_8745	VIFFLPWLNGTIAGTTDSPCDVTR	AGAP004437-PB,AGAP004437-PC	C20(Carbamidomethyl)	69	1.60E-06	2	2680.353	3.18	Head	2R:+:56002873-56002944;2R:+:56002873-56002944	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_8968	AILGLDIEQYRMVK	AGAP004437-PB,AGAP004437-PC	M12(Oxidation)	39	0.000781412	1	1664.913	5.43	Malpighian tubule	2R:+:56002056-56002067,56002139-56002168;2R:+:56002056-56002067,56002139-56002168	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_9933	LATLTGK	AGAP004437-PB,AGAP004437-PC	-	37	0.001264387	2	703.434	-0.84	Midgut	2R:+:56003389-56003409;2R:+:56003389-56003409	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_10377	VPINLSK	AGAP004437-PB,AGAP004437-PC	-	32	0.00233066	1	770.480	3.48	Malpighian tubule	2R:+:56003701-56003721;2R:+:56003701-56003721	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_10632	GYVSITDIKR	AGAP004437-PB,AGAP004437-PC	-	32	0.004488467	1	1151.646	3.87	Malpighian tubule	2R:+:56003776-56003805;2R:+:56003776-56003805	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_10864	TPTPTEDEIQFILSEIK	AGAP004437-PB,AGAP004437-PC	-	129	1.53E-12	1	1961.022	5.14	Malpighian tubule	2R:+:56002945-56002995;2R:+:56002945-56002995	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_11167	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	117	2.66E-11	1	1626.761	0.09	Pupa	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_11842	ADALELFPMLR	AGAP004437-PB,AGAP004437-PC	M9(Oxidation)	80	1.84E-07	2	1275.676	-0.55	Midgut	2R:+:56002450-56002482;2R:+:56002450-56002482	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_11860	GYVSITDIKR	AGAP004437-PB,AGAP004437-PC	-	40	0.000754444	1	1151.642	-0.03	Visceras	2R:+:56003776-56003805;2R:+:56003776-56003805	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_12021	SFGDAEVSGEELHDILK	AGAP004437-PB,AGAP004437-PC	-	140	1.82E-13	1	1845.890	1.68	Visceras	2R:+:56003815-56003865;2R:+:56003815-56003865	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_12186	AYDFVAGDRNVK	AGAP004437-PB,AGAP004437-PC	-	76	3.10E-07	1	1354.679	2.65	Malpighian tubule	2R:+:56002393-56002428;2R:+:56002393-56002428	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_12832	FETIDKEK	AGAP004437-PB,AGAP004437-PC	-	39	0.001453351	1	1009.523	2.44	Malpighian tubule	2R:+:56003749-56003772;2R:+:56003749-56003772	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_13783	ADALELFPMLR	AGAP004437-PB,AGAP004437-PC	M9(Oxidation)	85	5.24E-08	1	1275.679	1.94	Malpighian tubule	2R:+:56002450-56002482;2R:+:56002450-56002482	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_13937	VPINLSKQEVDMYVK	AGAP004437-PB,AGAP004437-PC	M12(Oxidation)	84	3.19E-08	1	1762.950	5.21	Malpighian tubule	2R:+:56003701-56003745;2R:+:56003701-56003745	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_14141	HLAISYGDR	AGAP004437-PB,AGAP004437-PC	-	46	0.000550993	1	1031.523	-3.71	Head	2R:+:56003344-56003370;2R:+:56003344-56003370	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_14601	GDVLSAWSGIRPLVSDPNKEDTQSLAR	AGAP004437-PB,AGAP004437-PC	-	159	1.12E-15	1	2911.494	0.95	Visceras	2R:+:56003029-56003109;2R:+:56003029-56003109	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_16401	TPTPTEDEIQFILSEIK	AGAP004437-PB,AGAP004437-PC	-	126	2.97E-12	1	1961.015	1.97	Visceras	2R:+:56002945-56002995;2R:+:56002945-56002995	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_17352	FAAVAEQEEIR	AGAP004437-PB,AGAP004437-PC	-	53	8.22E-05	2	1262.639	0.88	Pupa	2R:+:56004045-56004077;2R:+:56004045-56004077	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_18357	ADALELFPMLR	AGAP004437-PB,AGAP004437-PC	M9(Oxidation)	81	1.58E-07	1	1275.680	2.42	Visceras	2R:+:56002450-56002482;2R:+:56002450-56002482	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_19852	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	108	2.04E-10	2	1626.763	1.51	Visceras	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_19992	LVQDLGLEVEVAK	AGAP004437-PB,AGAP004437-PC	-	52	4.82E-05	2	1412.804	2.86	Pupa	2R:+:56003305-56003343;2R:+:56003305-56003343	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_20478	LHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	80	1.33E-07	1	1585.803	1.05	Head	2R:+:56003434-56003472;2R:+:56003434-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_20739	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	100	1.25E-09	2	1626.769	4.96	Malpighian tubule	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_21570	LITIAGGK	AGAP004437-PB,AGAP004437-PC	-	34	0.001833333	2	772.493	0.11	Visceras	2R:+:56003140-56003163;2R:+:56003140-56003163	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_21951	KGYVSITDIK	AGAP004437-PB,AGAP004437-PC	-	71	6.06E-07	1	1123.632	-3.7	Midgut	2R:+:56003773-56003802;2R:+:56003773-56003802	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_22374	LVQDLGLEVEVAK	AGAP004437-PB,AGAP004437-PC	-	115	2.44E-11	1	1412.803	2.25	Visceras	2R:+:56003305-56003343;2R:+:56003305-56003343	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_23006	SSYYLSR	AGAP004437-PB,AGAP004437-PC	-	58	1.99E-05	2	875.426	-0.06	Midgut	2R:+:56002429-56002449;2R:+:56002429-56002449	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_24041	AYDFVAGDR	AGAP004437-PB,AGAP004437-PC	-	45	0.00025008	2	1013.469	0.73	Visceras	2R:+:56002393-56002419;2R:+:56002393-56002419	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_24046	LHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	71	9.68E-07	1	1585.806	3.01	Malpighian tubule	2R:+:56003434-56003472;2R:+:56003434-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_25354	KLHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	92	7.84E-09	1	1713.904	4.78	Malpighian tubule	2R:+:56003431-56003472;2R:+:56003431-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_25589	ADALELFPMLR	AGAP004437-PB,AGAP004437-PC	M9(Oxidation)	56	4.04E-05	1	1291.674	2.17	Head	2R:+:56002450-56002482;2R:+:56002450-56002482	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_25791	GDVLSAWSGIRPLVSDPNKEDTQSLAR	AGAP004437-PB,AGAP004437-PC	-	70	1.01E-06	1	2911.492	0.2	Pupa	2R:+:56003029-56003109;2R:+:56003029-56003109	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_26667	VPINLSK	AGAP004437-PB,AGAP004437-PC	-	39	0.00043182	2	770.477	0.39	Visceras	2R:+:56003701-56003721;2R:+:56003701-56003721	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_27334	FAAVAEQEEIRK	AGAP004437-PB,AGAP004437-PC	-	82	7.82E-08	1	1390.737	2.99	Malpighian tubule	2R:+:56004045-56004080;2R:+:56004045-56004080	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_27951	LHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	65	4.20E-06	1	1585.801	0.24	Visceras	2R:+:56003434-56003472;2R:+:56003434-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_29457	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	128	2.24E-12	2	1626.759	-1.19	Midgut	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_32403	DTPQYQVQMEEMQRIR	AGAP004437-PB,AGAP004437-PC	M9(Oxidation)	37	0.003180685	1	2067.964	2.67	Head	2R:+:56001717-56001734,56001801-56001830;2R:+:56001717-56001734,56001801-56001830	exon=> In CDS Exon 1 and 2 of transcript AGAP004437-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP004437-PC
JHU_Ag_34167	FAAVAEQEEIR	AGAP004437-PB,AGAP004437-PC	-	86	4.67E-08	1	1262.640	2.23	Head	2R:+:56004045-56004077;2R:+:56004045-56004077	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_34690	NHIVHVSDSK	AGAP004437-PB,AGAP004437-PC	-	48	0.000265216	2	1135.580	-4.93	Head	2R:+:56003110-56003139;2R:+:56003110-56003139	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_35909	HGAAITNHVEVLELLK	AGAP004437-PB,AGAP004437-PC	N7(Deamidated)	125	1.67E-12	1	1743.977	0.84	Visceras	2R:+:56002573-56002620;2R:+:56002573-56002620	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_36816	KGYVSITDIK	AGAP004437-PB,AGAP004437-PC	-	34	0.001981974	2	1123.641	4.24	Malpighian tubule	2R:+:56003773-56003802;2R:+:56003773-56003802	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_36947	FAAVAEQEEIR	AGAP004437-PB,AGAP004437-PC	-	39	0.002395691	2	1262.639	0.78	Ovary	2R:+:56004045-56004077;2R:+:56004045-56004077	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_37397	MVKEALHER	AGAP004437-PB,AGAP004437-PC	-	57	2.11E-05	1	1112.593	4.09	Malpighian tubule	2R:+:56002160-56002186;2R:+:56002160-56002186	exon=> In CDS Exon 3 of transcript AGAP004437-PB;exon=> In CDS Exon 3 of transcript AGAP004437-PC
JHU_Ag_37932	LCGAIVYYDGQQDDAR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl)	129	1.21E-12	1	1843.825	-1.7	Midgut	2R:+:56002492-56002539;2R:+:56002492-56002539	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_38551	EICCPSSGVHIVLPGYYSPQQMGLLDPDTSDGR	AGAP004437-PB,AGAP004437-PC	C3(Carbamidomethyl), C4(Carbamidomethyl), M22(Oxidation)	64	3.51E-06	1	3664.674	0.68	Midgut	2R:+:56002774-56002872;2R:+:56002774-56002872	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_38969	EYACTCVDMISR	AGAP004437-PB,AGAP004437-PC	C4(Carbamidomethyl), C6(Carbamidomethyl),"C4 (Carbamidomethyl), C6(Carbamidomethyl), M9(Oxidation)"	74	1.41E-07	1	1504.625	1.14	Visceras	2R:+:56003485-56003520;2R:+:56003485-56003520	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_39372	RGDVLSAWSGIRPLVSDPNK	AGAP004437-PB,AGAP004437-PC	-	57	1.26E-05	1	2167.165	1.28	Visceras	2R:+:56003026-56003085;2R:+:56003026-56003085	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_39784	SSYYLSR	AGAP004437-PB,AGAP004437-PC	-	47	0.000274498	2	875.428	3.01	Malpighian tubule	2R:+:56002429-56002449;2R:+:56002429-56002449	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_40810	AMAEHTIDAAIK	AGAP004437-PB,AGAP004437-PC	M2(Oxidation)	92	7.65E-09	1	1286.640	-0.72	Midgut	2R:+:56003179-56003214;2R:+:56003179-56003214	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_41143	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	98	2.33E-09	1	1626.763	1.29	Ovary	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_43044	HGAAITNHVEVLELLKK	AGAP004437-PB,AGAP004437-PC	-	118	3.67E-12	1	1872.068	-1.35	Visceras	2R:+:56002573-56002623;2R:+:56002573-56002623	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_43084	CIINATGPFTDSIR	AGAP004437-PB,AGAP004437-PC	C1(Carbamidomethyl)	54	6.79E-05	2	1564.782	1.78	Malpighian tubule	2R:+:56002708-56002749;2R:+:56002708-56002749	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_43190	HGAAITNHVEVLELLKK	AGAP004437-PB,AGAP004437-PC	-	91	1.70E-09	1	1872.069	-0.8	Pupa	2R:+:56002573-56002623;2R:+:56002573-56002623	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_43372	QCEHFLQTQMGHQANR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl), M10(Oxidation),C2(Carbamidomethyl)	96	2.07E-09	1	2000.883	0.66	Visceras	2R:+:56003638-56003685;2R:+:56003638-56003685	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_44637	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	117	2.90E-11	1	1626.763	1.51	Head	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_45824	AILGLDIEQYR	AGAP004437-PB,AGAP004437-PC	-	95	2.54E-09	1	1290.715	7.63	Malpighian tubule	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_46671	ALQSDEEYDVLIIGGGATGAGCALDSVTR	AGAP004437-PB,AGAP004437-PC	C22(Carbamidomethyl)	65	4.15E-06	3	2938.413	1.02	Head	2R:+:56001870-56001956;2R:+:56001870-56001956	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_46902	GCVTDGLWIEGAQGWTPTMYIR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl), M19(Oxidation)	66	3.81E-06	1	2527.193	7.17	Malpighian tubule	2R:+:56003239-56003304;2R:+:56003239-56003304	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_48167	AYDFVAGDR	AGAP004437-PB,AGAP004437-PC	-	61	6.00E-06	2	1013.472	3.14	Malpighian tubule	2R:+:56002393-56002419;2R:+:56002393-56002419	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_48231	GLKTALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	86	3.17E-08	1	1924.971	5.26	Malpighian tubule	2R:+:56001957-56002013;2R:+:56001957-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_48381	LSFLNVQAAIEALPMIADIMAEELK	AGAP004437-PB,AGAP004437-PC	M15(Oxidation),"M15(Oxidation), M20(Oxidation)",M20(Oxidation)	63	4.64E-06	3	2746.440	-0.09	Midgut	2R:+:56003530-56003604;2R:+:56003530-56003604	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_48400	STKLIHGGVR	AGAP004437-PB,AGAP004437-PC	-	59	4.40E-06	1	1067.636	3.92	Malpighian tubule	2R:+:56002014-56002043;2R:+:56002014-56002043	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_48423	GDDGKDVLCGAK	AGAP004437-PB,AGAP004437-PC	C9(Carbamidomethyl)	82	7.11E-08	1	1234.574	0.78	Visceras	2R:+:56002627-56002662;2R:+:56002627-56002662	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_48863	MNLAIALTAAR	AGAP004437-PB,AGAP004437-PC	M1(Oxidation)	86	2.19E-08	2	1144.649	-1.35	Pupa	2R:+:56002540-56002572;2R:+:56002540-56002572	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_49071	EYACTCVDMISR	AGAP004437-PB,AGAP004437-PC	C4(Carbamidomethyl), C6(Carbamidomethyl),"C4(Carbamidomethyl), C6(Carbamidomethyl), M9(Oxidation)"	74	1.13E-07	1	1520.617	-0.5	Midgut	2R:+:56003485-56003520;2R:+:56003485-56003520	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_49847	KLHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	76	3.27E-07	1	1713.900	2.26	Visceras	2R:+:56003431-56003472;2R:+:56003431-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_50710	LATLTGK	AGAP004437-PB,AGAP004437-PC	-	36	0.001858614	2	703.437	3.41	Malpighian tubule	2R:+:56003389-56003409;2R:+:56003389-56003409	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_50794	CIINATGPFTDSIRK	AGAP004437-PB,AGAP004437-PC	C1(Carbamidomethyl)	90	1.33E-08	1	1692.877	1.86	Visceras	2R:+:56002708-56002752;2R:+:56002708-56002752	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_51160	LHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	71	9.16E-07	1	1585.800	-0.57	Midgut	2R:+:56003434-56003472;2R:+:56003434-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_53281	FAAVAEQEEIRK	AGAP004437-PB,AGAP004437-PC	-	44	0.000524 69	2	1390.733	0.01	Pupa	2R:+:56004045-56004080;2R:+:56004045-56004080	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_53468	QIKQCEHFLQTQMGHQANR	AGAP004437-PB,AGAP004437-PC	C5(Carbamidomethyl),M13(Oxidation),C5(Carbamidomethyl)	101	9.45E-10	1	2354.131	3.01	Malpighian tubule	2R:+:56003629-56003685;2R:+:56003629-56003685	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_53535	LCGAIVYYDGQQDDAR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl)	88	1.91E-08	1	1843.829	0.69	Head	2R:+:56002492-56002539;2R:+:56002492-56002539	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_53552	GDVLSAWSGIRPLVSDPNKEDTQSLAR	AGAP004437-PB,AGAP004437-PC	-	164	3.99E-16	1	2911.494	1.21	Head	2R:+:56003029-56003109;2R:+:56003029-56003109	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_53556	ADALELFPMLRGDK	AGAP004437-PB,AGAP004437-PC	-	73	7.33E-07	1	1575.827	4.11	Malpighian tubule	2R:+:56002450-56002491;2R:+:56002450-56002491	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_53941	RWPIIGK	AGAP004437-PB,AGAP004437-PC	-	31	0.001936 725	1	869.535	-0.28	Visceras	2R:+:56003410-56003430;2R:+:56003410-56003430	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_54233	HGAAITNHVEVLELLK	AGAP004437-PB,AGAP004437-PC	-	127	1.11E-12	1	1743.978	1.82	Malpighian tubule	2R:+:56002573-56002620;2R:+:56002573-56002620	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_54372	GDVLSAWSGIRPLVSDPNKEDTQSLAR	AGAP004437-PB,AGAP004437-PC	-	134	4.54E-13	1	2911.486	-1.62	Midgut	2R:+:56003029-56003109;2R:+:56003029-56003109	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_55038	TPTPTEDEIQFILSEIK	AGAP004437-PB,AGAP004437-PC	-	127	2.81E-12	1	1961.013	0.97	Salivary gland	2R:+:56002945-56002995;2R:+:56002945-56002995	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_58229	HLAISYGDR	AGAP004437-PB,AGAP004437-PC	-	41	0.001488 638	1	1031.528	0.95	Malpighian tubule	2R:+:56003344-56003370;2R:+:56003344-56003370	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_58430	SFGDAEVSGEELHDILK	AGAP004437-PB,AGAP004437-PC	-	140	1.82E-13	1	1845.891	2.48	Head	2R:+:56003815-56003865;2R:+:56003815-56003865	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_59930	TPTPTEDEIQFILSEIK	AGAP004437-PB,AGAP004437-PC	-	135	4.34E-13	1	1961.004	-3.82	Midgut	2R:+:56002945-56002995;2R:+:56002945-56002995	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_62042	SSYYLSR	AGAP004437-PB,AGAP004437-PC	-	50	0.000120 778	2	875.425	-1.04	Pupa	2R:+:56002429-56002449;2R:+:56002429-56002449	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_62133	GCVTDGLWIEGAQGWTPTMYIR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl),"C2(Carbamidomethyl),M19(Oxidation)"	92	8.94E-09	2	2511.187	2.86	Visceras	2R:+:56003239-56003304;2R:+:56003239-56003304	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_62154	SFGDAEVSGEELHDILK	AGAP004437-PB,AGAP004437-PC	-	47	0.000339 626	1	1845.890	1.68	Ovary	2R:+:56003815-56003865;2R:+:56003815-56003865	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_64480	HGAAITNHVEVLELLK	AGAP004437-PB,AGAP004437-PC	-	117	1.09E-11	1	1743.981	3.5	Head	2R:+:56002573-56002620;2R:+:56002573-56002620	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_64601	VPINLSK	AGAP004437-PB,AGAP004437-PC	-	36	0.001000697	1	770.478	1.68	Head	2R:+:56003701-56003721;2R:+:56003701-56003721	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_64670	ALQSDEEYDVLIIGGGATGAGCALDSVTR	AGAP004437-PB,AGAP004437-PC	C22(Carbamidomethyl)	156	3.63E-15	1	2938.415	1.58	Visceras	2R:+:56001870-56001956;2R:+:56001870-56001956	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_65270	HGAAITNHVEVLELLKK	AGAP004437-PB,AGAP004437-PC	-	126	4.43E-13	1	1872.077	3.64	Malpighian tubule	2R:+:56002573-56002623;2R:+:56002573-56002623	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_66171	GYVSITDIK	AGAP004437-PB,AGAP004437-PC	-	40	0.000781393	2	995.542	0.98	Visceras	2R:+:56003776-56003802;2R:+:56003776-56003802	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_66294	MNLAIALTAAR	AGAP004437-PB,AGAP004437-PC	M1(Oxidation)	65	2.75E-06	2	1144.653	2.06	Head	2R:+:56002540-56002572;2R:+:56002540-56002572	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_66844	KGYVSITDIK	AGAP004437-PB,AGAP004437-PC	-	42	0.000412929	2	1123.637	1.41	Head	2R:+:56003773-56003802;2R:+:56003773-56003802	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_67502	LCGAIVYYDGQQDDARMNLAIALTAAR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl), M17(Oxidation)	63	7.49E-06	1	2985.452	-1.2	Malpighian tubule	2R:+:56002492-56002572;2R:+:56002492-56002572	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_67976	ACNLKPER	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl)	54	5.39E-05	1	987.504	-0.25	Visceras	2R:+:56003215-56003238;2R:+:56003215-56003238	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_68036	ACNLKPER	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl)	41	0.00137567	1	987.507	3.09	Malpighian tubule	2R:+:56003215-56003238;2R:+:56003215-56003238	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_68359	TPTPTEDEIQFILSEIK	AGAP004437-PB,AGAP004437-PC	-	95	4.50E-09	1	1961.014	1.28	Pupa	2R:+:56002945-56002995;2R:+:56002945-56002995	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_70841	GYVSITDIK	AGAP004437-PB,AGAP004437-PC	-	37	0.001977726	2	995.541	0.3	Head	2R:+:56003776-56003802;2R:+:56003776-56003802	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_71294	SGFVSHSR	AGAP004437-PB,AGAP004437-PC	-	43	0.000934474	1	876.431	-0.94	Visceras	2R:+:56004021-56004044;2R:+:56004021-56004044	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_71867	CIINATGPFTDSIR	AGAP004437-PB,AGAP004437-PC	C1(Carbamidomethyl)	64	6.81E-06	2	1564.778	-0.71	Midgut	2R:+:56002708-56002749;2R:+:56002708-56002749	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_72622	HGAAITNHVEVLELLK	AGAP004437-PB,AGAP004437-PC	N7(Deamidated)	130	5.29E-13	1	1743.974	-0.63	Midgut	2R:+:56002573-56002620;2R:+:56002573-56002620	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_73594	ADALELFPMLR	AGAP004437-PB,AGAP004437-PC	M9(Oxidation)	66	4.02E-06	2	1275.679	1.75	Pupa	2R:+:56002450-56002482;2R:+:56002450-56002482	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_74460	HGAAITNHVEVLELLK	AGAP004437-PB,AGAP004437-PC	-	115	1.81E-11	1	1743.977	0.9	Pupa	2R:+:56002573-56002620;2R:+:56002573-56002620	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_75143	AYDFVAGDR	AGAP004437-PB,AGAP004437-PC	-	49	8.70E-05	2	1013.470	1.57	Head	2R:+:56002393-56002419;2R:+:56002393-56002419	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_75420	SFGDAEVSGEELHDILK	AGAP004437-PB,AGAP004437-PC	-	152	1.07E-14	1	1845.892	3.07	Midgut	2R:+:56003815-56003865;2R:+:56003815-56003865	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_76509	GDVLSAWSGIRPLVSDPNK	AGAP004437-PB,AGAP004437-PC	-	107	1.70E-10	1	2011.063	1.1	Visceras	2R:+:56003029-56003085;2R:+:56003029-56003085	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_77009	NYLNKDVDVR	AGAP004437-PB,AGAP004437-PC	-	43	0.000887101	1	1235.638	0.15	Visceras	2R:+:56002996-56003025;2R:+:56002996-56003025	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_78075	HLAISYGDR	AGAP004437-PB,AGAP004437-PC	-	40	0.001940045	1	1031.526	-1.3	Pupa	2R:+:56003344-56003370;2R:+:56003344-56003370	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_78090	FAAVAEQEEIRK	AGAP004437-PB,AGAP004437-PC	-	82	9.87E-08	1	1390.731	-0.87	Head	2R:+:56004045-56004080;2R:+:56004045-56004080	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_79163	GYVSITDIKR	AGAP004437-PB,AGAP004437-PC	-	46	0.000182544	1	1151.644	1.76	Head	2R:+:56003776-56003805;2R:+:56003776-56003805	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_80448	LCGAIVYYDGQQDDAR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl)	124	4.14E-12	1	1843.830	1.35	Visceras	2R:+:56002492-56002539;2R:+:56002492-56002539	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_81444	HLAISYGDR	AGAP004437-PB,AGAP004437-PC	-	45	0.000661112	2	1031.522	-4.97	Midgut	2R:+:56003344-56003370;2R:+:56003344-56003370	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_82317	NYLNKDVDVR	AGAP004437-PB,AGAP004437-PC	-	37	0.003715124	1	1235.638	0.15	Head	2R:+:56002996-56003025;2R:+:56002996-56003025	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_82772	FAAVAEQEEIRK	AGAP004437-PB,AGAP004437-PC	-	73	6.89E-07	1	1390.732	-0.34	Visceras	2R:+:56004045-56004080;2R:+:56004045-56004080	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_83896	HGAAITNHVEVLELLKK	AGAP004437-PB,AGAP004437-PC	-	98	4.24E-10	1	1872.065	-2.89	Midgut	2R:+:56002573-56002623;2R:+:56002573-56002623	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_84168	AILGLDIEQYR	AGAP004437-PB,AGAP004437-PC	-	90	8.14E-09	1	1290.710	3.95	Head	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_84435	AILGLDIEQYR	AGAP004437-PB,AGAP004437-PC	-	68	1.42E-06	2	1290.708	2.34	Male reproductive organs	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_85826	CIINATGPFTDSIR	AGAP004437-PB,AGAP004437-PC	C1(Carbamidomethyl)	77	3.76E-07	1	1564.783	2.56	Head	2R:+:56002708-56002749;2R:+:56002708-56002749	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_86283	HLAISYGDR	AGAP004437-PB,AGAP004437-PC	-	40	0.002293182	2	1031.527	0	Visceras	2R:+:56003344-56003370;2R:+:56003344-56003370	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_87788	AILGLDIEQYR	AGAP004437-PB,AGAP004437-PC	-	81	6.98E-08	1	1290.708	2.05	Salivary gland	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_88212	NHIVHVSDSKLITIAGGK	AGAP004437-PB,AGAP004437-PC	-	99	4.11E-10	1	1889.066	2.87	Malpighian tubule	2R:+:56003110-56003163;2R:+:56003110-56003163	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_88816	VIFFLPWLNGTIAGTTDSPCDVTR	AGAP004437-PB,AGAP004437-PC	C20(Carbamidomethyl)	93	7.15E-09	1	2680.337	-2.57	Midgut	2R:+:56002873-56002944;2R:+:56002873-56002944	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_91215	EICCPSSGVHIVLPGYYSPQQMGLLDPDTSDGR	AGAP004437-PB,AGAP004437-PC	C3(Carbamidomethyl),C4(Carbamidomethyl),"C3(Carbamidomethyl),C4(Carbamidomethyl),M22(Oxidation)"	92	6.32E-09	1	3664.681	2.38	Head	2R:+:56002774-56002872;2R:+:56002774-56002872	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_91665	ACNLKPER	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl)	54	5.25E-05	1	987.503	-0.68	Midgut	2R:+:56003215-56003238;2R:+:56003215-56003238	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_92672	NHIVHVSDSK	AGAP004437-PB,AGAP004437-PC	-	60	1.57E-05	1	1135.585	-0.35	Midgut	2R:+:56003110-56003139;2R:+:56003110-56003139	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_93753	LIHGGVR	AGAP004437-PB,AGAP004437-PC	-	36	0.000762342	1	751.457	-0.29	Head	2R:+:56002023-56002043;2R:+:56002023-56002043	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_94799	LITIAGGK	AGAP004437-PB,AGAP004437-PC	-	42	0.000257651	2	772.492	-1	Head	2R:+:56003140-56003163;2R:+:56003140-56003163	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_95217	LVQDLGLEVEVAK	AGAP004437-PB,AGAP004437-PC	-	93	3.86E-09	2	1412.807	5.53	Malpighian tubule	2R:+:56003305-56003343;2R:+:56003305-56003343	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_95999	GDKLCGAIVYYDGQQDDAR	AGAP004437-PB,AGAP004437-PC	C5(Carbamidomethyl)	120	1.39E-11	1	2143.973	0.8	Visceras	2R:+:56002483-56002539;2R:+:56002483-56002539	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_97720	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	98	2.14E-09	1	1626.758	-1.42	Salivary gland	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_97863	KLHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	42	0.000816558	3	1713.903	4.36	Head	2R:+:56003431-56003472;2R:+:56003431-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_98317	EALHER	AGAP004437-PB,AGAP004437-PC	-	31	0.005562009	2	754.385	0.97	Head	2R:+:56002169-56002186;2R:+:56002169-56002186	exon=> In CDS Exon 3 of transcript AGAP004437-PB;exon=> In CDS Exon 3 of transcript AGAP004437-PC
JHU_Ag_99360	AYDFVAGDR	AGAP004437-PB,AGAP004437-PC	-	60	8.28E-06	2	1013.468	-0.3	Salivary gland	2R:+:56002393-56002419;2R:+:56002393-56002419	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_99559	TALVEADDFASGTSSR	AGAP004437-PB,AGAP004437-PC	-	40	0.001312852	2	1626.769	5.34	Larva	2R:+:56001966-56002013;2R:+:56001966-56002013	exon=> In CDS Exon 2 of transcript AGAP004437-PB;exon=> In CDS Exon 2 of transcript AGAP004437-PC
JHU_Ag_101302	SFGDAEVSGEELHDILK	AGAP004437-PB,AGAP004437-PC	-	127	3.86E-12	1	1845.892	3	Malpighian tubule	2R:+:56003815-56003865;2R:+:56003815-56003865	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_102124	MNLAIALTAAR	AGAP004437-PB,AGAP004437-PC	M1(Oxidation)	87	1.80E-08	2	1144.652	1.32	Midgut	2R:+:56002540-56002572;2R:+:56002540-56002572	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_102934	LSFLNVQAAIEALPMIADIMAEELK	AGAP004437-PB,AGAP004437-PC	M15(Oxidation),M20(Oxidation)	79	9.49E-08	2	2746.455	5.25	Visceras	2R:+:56003530-56003604;2R:+:56003530-56003604	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_103671	QCEHFLQTQMGHQANR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl), M10(Oxidation)	50	7.98E-05	1	2000.873	-4.01	Midgut	2R:+:56003638-56003685;2R:+:56003638-56003685	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_104292	AMAEHTIDAAIKACNLKPER	AGAP004437-PB,AGAP004437-PC	M2(Oxidation), C14(Carbamidomethyl)	79	2.14E-07	1	2255.138	4.82	Malpighian tubule	2R:+:56003179-56003238;2R:+:56003179-56003238	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_104475	LVQDLGLEVEVAK	AGAP004437-PB,AGAP004437-PC	-	92	4.70E-09	1	1412.804	3.29	Head	2R:+:56003305-56003343;2R:+:56003305-56003343	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_107505	AMAEHTIDAAIK	AGAP004437-PB,AGAP004437-PC	M2(Oxidation)	79	1.76E-07	1	1286.645	2.79	Malpighian tubule	2R:+:56003179-56003214;2R:+:56003179-56003214	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_109193	TPTPTEDEIQFILSEIK	AGAP004437-PB,AGAP004437-PC	-	135	3.53E-13	1	1961.019	4.02	Head	2R:+:56002945-56002995;2R:+:56002945-56002995	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_109704	AFAVAK	AGAP004437-PB,AGAP004437-PC	-	35	0.001856837	1	606.360	-1.49	Head	2R:+:56003371-56003388;2R:+:56003371-56003388	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_110495	FAAVAEQEEIR	AGAP004437-PB,AGAP004437-PC	-	90	1.77E-08	1	1262.639	0.78	Visceras	2R:+:56004045-56004077;2R:+:56004045-56004077	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_111577	EALHER	AGAP004437-PB,AGAP004437-PC	-	39	0.000887684	2	754.386	1.95	Midgut	2R:+:56002169-56002186;2R:+:56002169-56002186	exon=> In CDS Exon 3 of transcript AGAP004437-PB;exon=> In CDS Exon 3 of transcript AGAP004437-PC
JHU_Ag_112665	FAAVAEQEEIRK	AGAP004437-PB,AGAP004437-PC	-	55	3.38E-05	2	1390.744	7.91	Midgut	2R:+:56004045-56004080;2R:+:56004045-56004080	exon=> In CDS Exon 5 of transcript AGAP004437-PB;exon=> In CDS Exon 5 of transcript AGAP004437-PC
JHU_Ag_112736	GDVLSAWSGIRPLVSDPNKEDTQSLAR	AGAP004437-PB,AGAP004437-PC	-	139	1.03E-13	1	2911.505	4.79	Malpighian tubule	2R:+:56003029-56003109;2R:+:56003029-56003109	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_112883	LCGAIVYYDGQQDDAR	AGAP004437-PB,AGAP004437-PC	C2(Carbamidomethyl)	40	0.001221906	2	1843.837	4.86	Ovary	2R:+:56002492-56002539;2R:+:56002492-56002539	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_113113	YGIREYACTCVDMISR	AGAP004437-PB,AGAP004437-PC	C8(Carbamidomethyl), C10(Carbamidomethyl)	64	4.79E-06	1	1993.901	4.21	Malpighian tubule	2R:+:56003473-56003520;2R:+:56003473-56003520	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_113678	AILGLDIEQYR	AGAP004437-PB,AGAP004437-PC	-	95	2.60E-09	1	1290.707	1.58	Visceras	2R:+:56002056-56002067,56002139-56002159;2R:+:56002056-56002067,56002139-56002159	exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004437-PC
JHU_Ag_115145	KLHPEFPYIDAEVR	AGAP004437-PB,AGAP004437-PC	-	106	2.72E-10	1	1713.900	2.54	Midgut	2R:+:56003431-56003472;2R:+:56003431-56003472	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC
JHU_Ag_115550	AYDFVAGDR	AGAP004437-PB,AGAP004437-PC	-	55	2.87E-05	2	1013.469	-0.18	Midgut	2R:+:56002393-56002419;2R:+:56002393-56002419	exon=> In CDS Exon 4 of transcript AGAP004437-PB;exon=> In CDS Exon 4 of transcript AGAP004437-PC

JHU_Ag_585	SLAFLHTK	AGAP004440-PA,AGAP004440-PC	-	54	6.29E-05	1	916.525	-0.11	Malpighian tubule	2R:+:56063371-56063394;2R:+:56063371-56063394	exon=> In CDS Exon 2 of transcript AGAP004440-PA;exon=> In CDS Exon 2 of transcript AGAP004440-PC
JHU_Ag_717	NIENLNHAFDVAER	AGAP004440-PA,AGAP004440-PC	-	108	1.96E-10	1	1641.806	4.75	Malpighian tubule	2R:+:56068999-56069040;2R:+:56068999-56069040	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_1008	SRLENAVGQQIFNNSTK	AGAP004440-PA,AGAP004440-PC	-	82	8.88E-08	1	1905.985	3.82	Malpighian tubule	2R:+:56071948-56071998;2R:+:56071948-56071998	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_2041	EQEQAVNSEDYGHDYEHLLILQNK	AGAP004440-PA,AGAP004440-PC	-	74	5.35E-07	1	2872.342	1.21	Head	2R:+:56073928-56073984,56074047-56074061;2R:+:56073928-56073984,56074047-56074061	exon=> In CDS Exon 4 and 5 of transcript AGAP004440-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004440-PC
JHU_Ag_2344	EQADQIVEWLTNK	AGAP004440-PA,AGAP004440-PC	-	56	3.81E-05	2	1573.789	2.3	Midgut	2R:+:56077262-56077300;2R:+:56077262-56077300	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_3295	KLDGTEGFVPANYVK	AGAP004440-PA,AGAP004440-PC	-	56	3.12E-05	1	1637.866	7.54	Malpighian tubule	2R:+:56071006-56071050;2R:+:56071006-56071050	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_4802	LGDSIAQVEDLLR	AGAP004440-PA,AGAP004440-PC	-	59	1.23E-05	2	1428.778	6.39	Head	2R:+:56079860-56079898;2R:+:56079860-56079898	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_5452	DLNSALALAR	AGAP004440-PA,AGAP004440-PC	-	65	4.81E-06	2	1043.584	-0.04	Midgut	2R:+:56075084-56075113;2R:+:56075084-56075113	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_7758	NIENLNHAFDVAER	AGAP004440-PA,AGAP004440-PC	-	100	1.54E-09	1	1641.805	4.08	Midgut	2R:+:56068999-56069040;2R:+:56068999-56069040	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_7950	LLDNTIVQR	AGAP004440-PA,AGAP004440-PC	-	56	3.24E-05	2	1071.616	0.04	Malpighian tubule	2R:+:56079728-56079754;2R:+:56079728-56079754	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_8536	KHEAISADILAR	AGAP004440-PA,AGAP004440-PC	-	42	0.000438875	3	1323.734	-2.91	Head	2R:+:56069698-56069733;2R:+:56069698-56069733	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_9469	IQYQFQELNR	AGAP004440-PA,AGAP004440-PC	-	63	6.49E-06	1	1338.680	-0.1	Salivary gland	2R:+:56078756-56078785;2R:+:56078756-56078785	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_9649	FNDLTDMCNELHQENYHGK	AGAP004440-PA,AGAP004440-PC	M7(Oxidation), C8(Carbamidomethyl)	45	0.000144362	1	2380.986	-2.55	Head	2R:+:56069743-56069799;2R:+:56069743-56069799	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_9691	SRLENAVGQQIFNNSTK	AGAP004440-PA,AGAP004440-PC	-	63	7.48E-06	1	1905.975	-1.27	Head	2R:+:56071948-56071998;2R:+:56071948-56071998	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_11765	LQESLQLQQFLR	AGAP004440-PA,AGAP004440-PC	-	57	1.47E-05	2	1502.841	5.49	Head	2R:+:56077541-56077576;2R:+:56077541-56077576	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_12480	IETLASGLQAR	AGAP004440-PA,AGAP004440-PC	-	67	2.54E-06	2	1158.650	2.2	Malpighian tubule	2R:+:56078681-56078713;2R:+:56078681-56078713	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_13330	TLTSAENLINQNHPER	AGAP004440-PA,AGAP004440-PC	N7(Deamidated), N10(Deamidated)	36	0.003907 09	2	1838.873	-8.22	Malpighian tubule	2R:+:56073415-56073462;2R:+:56073415-56073462	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC

JHU_Ag_13511	DSSASGGMMNISGGMTAGNVSGADQTSPVQK	AGAP004440-PA,AGAP004440-PC	M8(Oxidation), M9(Oxidation), M15(Oxidation)	37	0.001337061	1	2990.280	0.82	Head	2R:+:56080223-56080315;2R:+:56080223-56080315	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_15350	SILTYVASYYHTFAR	AGAP004440-PA,AGAP004440-PC	-	50	0.000175862	1	1791.908	0.75	Salivary gland	2R:+:56069104-56069148;2R:+:56069104-56069148	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_15718	THEAFEAELGAIK	AGAP004440-PA,AGAP004440-PC	-	52	7.36E-05	1	1415.713	-2.24	Malpighian tubule	2R:+:56079263-56079301;2R:+:56079263-56079301	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_18436	HQVLENDIALWEQK	AGAP004440-PA,AGAP004440-PC	-	84	5.17E-08	1	1722.886	3.05	Malpighian tubule	2R:+:56073046-56073087;2R:+:56073046-56073087	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_18661	LQAFDAEVNANEGR	AGAP004440-PA,AGAP004440-PC	-	53	8.99E-05	2	1533.730	0.24	Ovary	2R:+:56076086-56076127;2R:+:56076086-56076127	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_20759	LGDSIAQVEDLLR	AGAP004440-PA,AGAP004440-PC	Q7(Deamidated)	32	0.009842179	1	1429.732	-14.71	Midgut	2R:+:56079860-56079898;2R:+:56079860-56079898	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_23617	DAEDELLWLNEKEPQAASK	AGAP004440-PA,AGAP004440-PC	-	61	1.01E-05	1	2186.063	0.8	Salivary gland	2R:+:56078210-56078266;2R:+:56078210-56078266	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_27307	MDSASNPATIADCEAQIQLHHER	AGAP004440-PA,AGAP004440-PC	M1(Oxidation), C13(Carbamidomethyl)	88	1.75E-08	1	2610.164	-1.37	Head	2R:+:56076983-56077051;2R:+:56076983-56077051	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_27661	KLDGTEGFVPANYVK	AGAP004440-PA,AGAP004440-PC	-	50	0.000134007	2	1637.852	-0.81	Salivary gland	2R:+:56071006-56071050;2R:+:56071006-56071050	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_29363	DLGSSLTAVQSLQK	AGAP004440-PA,AGAP004440-PC	-	94	3.05E-09	2	1446.788	5.43	Malpighian tubule	2R:+:56078267-56078308;2R:+:56078267-56078308	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_29696	DLASVHNLLK	AGAP004440-PA,AGAP004440-PC	-	51	4.41E-05	1	1109.631	-0.54	Malpighian tubule	2R:+:56077961-56077990;2R:+:56077961-56077990	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_30483	HINGTYDQLQDLAER	AGAP004440-PA,AGAP004440-PC	N3(Deamidated)	97	2.29E-09	1	1773.842	0.75	Malpighian tubule	2R:+:56071270-56071314;2R:+:56071270-56071314	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_31257	RNFPNSVEGIQGELLAFK	AGAP004440-PA,AGAP004440-PC	N5(Deamidated)	43	0.000733907	1	2020.033	-8.61	Ovary	2R:+:56069293-56069346;2R:+:56069293-56069346	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_32293	DAEDELLWLNEK	AGAP004440-PA,AGAP004440-PC	-	49	0.000220712	2	1474.713	4.89	Malpighian tubule	2R:+:56078210-56078245;2R:+:56078210-56078245	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_32582	YHSLHEPTTIR	AGAP004440-PA,AGAP004440-PC	-	37	0.002350769	1	1353.693	1.16	Malpighian tubule	2R:+:56078132-56078164;2R:+:56078132-56078164	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_33978	ELLELLENHK	AGAP004440-PA,AGAP004440-PC	-	55	2.90E-05	1	1237.678	-0.67	Malpighian tubule	2R:+:56069845-56069874;2R:+:56069845-56069874	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_34011	NDQLHASCDLQHFLTQVR	AGAP004440-PA,AGAP004440-PC	C8(Carbamidomethyl)	80	1.64E-07	1	2182.051	2.43	Ovary	2R:+:56075291-56075344;2R:+:56075291-56075344	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_35015	ALLEDSICLFR	AGAP004440-PA,AGAP004440-PC	C8(Carbamidomethyl)	60	1.20E-05	2	1336.697	3.12	Malpighian tubule	2R:+:56071321-56071353;2R:+:56071321-56071353	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC

JHU_Ag_35422	LQESLQLQQFLR	AGAP004440-PA,AGAP004440-PC	-	97	1.40E-09	2	1502.835	1.51	Midgut	2R:+:56077541-56077576;2R:+:56077541-56077576	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_35679	RNFPNSVEGIQGELLAFK	AGAP004440-PA,AGAP004440-PC	N5(Deamidated)	45	0.000485107	1	2020.034	-8.01	Salivary gland	2R:+:56069293-56069346;2R:+:56069293-56069346	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_36694	LQESLQLQQFLR	AGAP004440-PA,AGAP004440-PC	-	50	6.43E-05	2	1502.842	6.39	Malpighian tubule	2R:+:56077541-56077576;2R:+:56077541-56077576	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_37462	HAAFDAELLANSGR	AGAP004440-PA,AGAP004440-PC	-	72	7.67E-07	2	1471.730	0.61	Midgut	2R:+:56077676-56077717;2R:+:56077676-56077717	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_38082	EQEQAVNSEDYGHDYEHLLILQNK	AGAP004440-PA,AGAP004440-PC	-	133	5.82E-13	1	2872.345	2.23	Malpighian tubule	2R:+:56073928-56073984,56074047-56074061;2R:+:56073928-56073984,56074047-56074061	exon=> In CDS Exon 4 and 5 of transcript AGAP004440-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004440-PC
JHU_Ag_38114	GEALLSEGNPNR	AGAP004440-PA,AGAP004440-PC	-	57	2.32E-05	2	1256.625	1.9	Malpighian tubule	2R:+:56079011-56079046;2R:+:56079011-56079046	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_39589	ITAPDLAKDVAGAEALIGK	AGAP004440-PA,AGAP004440-PC	-	27	0.005975327	1	1853.045	4.03	Malpighian tubule	2R:+:56079527-56079583;2R:+:56079527-56079583	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_40100	THEAFEAELGAIK	AGAP004440-PA,AGAP004440-PC	-	81	1.14E-07	1	1415.713	-2.67	Head	2R:+:56079263-56079301;2R:+:56079263-56079301	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_40274	AALQAEEHVSDAAGATALK	AGAP004440-PA,AGAP004440-PC	-	117	2.70E-11	1	1852.955	7.95	Midgut	2R:+:56075375-56075431;2R:+:56075375-56075431	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_40545	LESIGAEDIVDHNPR	AGAP004440-PA,AGAP004440-PC	-	37	0.003223125	1	1664.819	-2.92	Malpighian tubule	2R:+:56068268-56068312;2R:+:56068268-56068312	exon=> In CDS Exon 3 of transcript AGAP004440-PA;exon=> In CDS Exon 3 of transcript AGAP004440-PC
JHU_Ag_41923	AALQAEEHVSDAAGATALK	AGAP004440-PA,AGAP004440-PC	-	45	0.000450754	2	1852.949	4.98	Salivary gland	2R:+:56075375-56075431;2R:+:56075375-56075431	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_43269	QLEAEQAAR	AGAP004440-PA,AGAP004440-PC	-	42	0.000843923	2	1015.520	3.39	Malpighian tubule	2R:+:56079992-56080018;2R:+:56079992-56080018	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_45555	NNVDWWNVR	AGAP004440-PA,AGAP004440-PC	-	41	0.001001655	1	1202.572	1.57	Malpighian tubule	2R:+:56070979-56071005;2R:+:56070979-56071005	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_45784	AALQAEEHVSDAAGATALK	AGAP004440-PA,AGAP004440-PC	-	93	6.52E-09	1	1852.945	2.68	Malpighian tubule	2R:+:56075375-56075431;2R:+:56075375-56075431	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_47292	DLQEHGER	AGAP004440-PA,AGAP004440-PC	-	37	0.001988034	1	983.454	0.26	Malpighian tubule	2R:+:56077088-56077111;2R:+:56077088-56077111	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_47993	LLEIISGEK	AGAP004440-PA,AGAP004440-PC	-	46	0.000305044	2	1001.587	-0.65	Salivary gland	2R:+:56063287-56063313;2R:+:56063287-56063313	exon=> In CDS Exon 2 of transcript AGAP004440-PA;exon=> In CDS Exon 2 of transcript AGAP004440-PC
JHU_Ag_48263	NALQASKDFQK	AGAP004440-PA,AGAP004440-PC	-	55	5.18E-05	1	1249.654	0.42	Malpighian tubule	2R:+:56072590-56072622;2R:+:56072590-56072622	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC

JHU_Ag_49208	TLTSAENLINQNHPER	AGAP004440-PA,AGAP004440-PC	-	93	6.74E-09	2	1836.919	-0.38	Midgut	2R:+:56073415-56073462;2R:+:56073415-56073462	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_49266	VRLESIGAEDIVDHNPR	AGAP004440-PA,AGAP004440-PC	-	63	6.73E-06	1	1919.995	0.63	Midgut	2R:+:56068262-56068312;2R:+:56068262-56068312	exon=> In CDS Exon 3 of transcript AGAP004440-PA;exon=> In CDS Exon 3 of transcript AGAP004440-PC
JHU_Ag_50006	LAEAYEALLFQR	AGAP004440-PA,AGAP004440-PC	-	55	2.94E-05	2	1423.760	1.24	Ovary	2R:+:56077856-56077891;2R:+:56077856-56077891	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_50548	KHQALEAEILIQEPIISALVQR	AGAP004440-PA,AGAP004440-PC	-	95	3.01E-10	1	2499.438	3.57	Malpighian tubule	2R:+:56078309-56078374;2R:+:56078309-56078374	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_51596	RLLDNTIVQR	AGAP004440-PA,AGAP004440-PC	-	40	0.000622128	1	1227.716	-0.3	Head	2R:+:56079725-56079754;2R:+:56079725-56079754	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_51808	DMTAVEQK	AGAP004440-PA,AGAP004440-PC	M2(Oxidation)	34	0.004230718	2	937.432	2.9	Head	2R:+:56076740-56076763;2R:+:56076740-56076763	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_52090	AIAAEQENVIQYWNVLKEK	AGAP004440-PA,AGAP004440-PC	-	58	1.40E-05	1	2246.191	4.25	Malpighian tubule	2R:+:56075222-56075278;2R:+:56075222-56075278	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_53450	KLQQCIELQIFNR	AGAP004440-PA,AGAP004440-PC	C5(Carbamidomethyl)	74	3.34E-07	2	1689.912	0.66	Malpighian tubule	2R:+:56072275-56072313;2R:+:56072275-56072313	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_53789	RDNLEDSLQLHQFLR	AGAP004440-PA,AGAP004440-PC	-	57	2.14E-05	1	1883.978	3.12	Malpighian tubule	2R:+:56078165-56078209;2R:+:56078165-56078209	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_54549	ALEDLVDLR	AGAP004440-PA,AGAP004440-PC	-	59	2.17E-05	2	1043.574	0.43	Malpighian tubule	2R:+:56070481-56070507;2R:+:56070481-56070507	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_54608	LANALLYAQFIR	AGAP004440-PA,AGAP004440-PC	-	74	1.18E-07	2	1392.803	2.28	Salivary gland	2R:+:56075936-56075971;2R:+:56075936-56075971	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_55225	FAEEILAESPFEADVIK	AGAP004440-PA,AGAP004440-PC	-	49	0.000190992	2	1907.983	10.17	Midgut	2R:+:56077421-56077471;2R:+:56077421-56077471	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_55554	DLGSSLTAVQSLQK	AGAP004440-PA,AGAP004440-PC	-	69	1.02E-06	2	1446.786	4.42	Salivary gland	2R:+:56078267-56078308;2R:+:56078267-56078308	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_56856	KLEAEIEGHQPMINK	AGAP004440-PA,AGAP004440-PC	M12(Oxidation)	35	0.004606467	1	1752.903	4.5	Malpighian tubule	2R:+:56073370-56073414;2R:+:56073370-56073414	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_57208	LAEAYEALLFQR	AGAP004440-PA,AGAP004440-PC	-	31	0.006831223	2	1423.768	6.64	Head	2R:+:56077856-56077891;2R:+:56077856-56077891	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_57556	LELSLK	AGAP004440-PA,AGAP004440-PC	-	38	0.001152958	1	702.441	1.72	Pupa	2R:+:56073544-56073561;2R:+:56073544-56073561	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_60063	AWADLQEQSAER	AGAP004440-PA,AGAP004440-PC	-	83	4.82E-08	2	1403.653	-1.2	Midgut	2R:+:56073499-56073534;2R:+:56073499-56073534	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_60957	RIANIVNK	AGAP004440-PA,AGAP004440-PC	N7(Deamidated)	45	0.000375755	1	928.545	-13.27	Midgut	2R:+:56069176-56069199;2R:+:56069176-56069199	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC

JHU_Ag_61973	AKMEVDDLFIDLADGIK	AGAP004440-PA,AGAP004440-PC	M3(Oxidation)	34	0.004921583	3	1908.978	8.41	Larva	2R:+:56063227-56063277;2R:+:56063227-56063277	exon=> In CDS Exon 2 of transcript AGAP004440-PA;exon=> In CDS Exon 2 of transcript AGAP004440-PC
JHU_Ag_62004	IAVLEQR	AGAP004440-PA,AGAP004440-PC	-	36	0.002097954	2	828.496	2.8	Malpighian tubule	2R:+:56079701-56079721;2R:+:56079701-56079721	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_62139	DALLLWCQR	AGAP004440-PA,AGAP004440-PC	C7(Carbamidomethyl)	56	4.37E-05	1	1174.606	1.57	Pupa	2R:+:56068840-56068866;2R:+:56068840-56068866	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_62906	LTQAEQLQAYFDEYR	AGAP004440-PA,AGAP004440-PC	-	51	0.000115282	2	1874.894	1.07	Head	2R:+:56079446-56079490;2R:+:56079446-56079490	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_64945	RVEAIDSDVEDFVR	AGAP004440-PA,AGAP004440-PC	-	85	4.96E-08	1	1649.813	-0.07	Malpighian tubule	2R:+:56071495-56071536;2R:+:56071495-56071536	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_65000	HIDFENSLGAQDK	AGAP004440-PA,AGAP004440-PC	-	50	0.000149603	2	1473.699	1.68	Malpighian tubule	2R:+:56072416-56072454;2R:+:56072416-56072454	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_65524	RQFETFVNDLSASSK	AGAP004440-PA,AGAP004440-PC	-	98	2.42E-09	1	1728.860	2.58	Malpighian tubule	2R:+:56071450-56071494;2R:+:56071450-56071494	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_65831	FAEEILAESPFEADVIKQR	AGAP004440-PA,AGAP004440-PC	-	74	4.68E-07	1	2192.139	7.25	Malpighian tubule	2R:+:56077421-56077477;2R:+:56077421-56077477	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_65850	LENAEHNR	AGAP004440-PA,AGAP004440-PC	-	38	0.001526994	2	982.468	-2.65	Malpighian tubule	2R:+:56069506-56069529;2R:+:56069506-56069529	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_66231	LQESLQLQQFLR	AGAP004440-PA,AGAP004440-PC	-	73	3.92E-07	2	1502.839	4.28	Salivary gland	2R:+:56077541-56077576;2R:+:56077541-56077576	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_66696	LENAVGQQIFNNSTK	AGAP004440-PA,AGAP004440-PC	-	57	3.27E-05	2	1662.845	0.23	Midgut	2R:+:56071954-56071998;2R:+:56071954-56071998	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_67208	HLTNVRR	AGAP004440-PA,AGAP004440-PC	N4(Deamidated)	30	0.00475	1	896.517	12.1	Ovary	2R:+:56078465-56078485;2R:+:56078465-56078485	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_68118	LENAVGQQIFNNSTK	AGAP004440-PA,AGAP004440-PC	-	64	6.51E-06	2	1662.850	3.31	Malpighian tubule	2R:+:56071954-56071998;2R:+:56071954-56071998	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_68299	DLIAVEALK	AGAP004440-PA,AGAP004440-PC	-	37	0.001154941	2	971.580	2.6	Malpighian tubule	2R:+:56076689-56076715;2R:+:56076689-56076715	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_68493	LANALLYAQFIR	AGAP004440-PA,AGAP004440-PC	-	38	0.000557846	2	1392.803	2.02	Midgut	2R:+:56075936-56075971;2R:+:56075936-56075971	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_68645	DVAGAEALIGK	AGAP004440-PA,AGAP004440-PC	-	46	0.000402802	2	1043.571	-1.92	Malpighian tubule	2R:+:56079551-56079583;2R:+:56079551-56079583	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_70663	AIAAEQENVIQYWNVLK	AGAP004440-PA,AGAP004440-PC	-	95	3.76E-09	1	1989.042	-0.84	Salivary gland	2R:+:56075222-56075272;2R:+:56075222-56075272	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_71673	KPIISSQDYGKDEDSVASLQK	AGAP004440-PA,AGAP004440-PC	-	76	3.24E-07	1	2308.177	4.57	Malpighian tubule	2R:+:56078564-56078626;2R:+:56078564-56078626	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC

JHU_Ag_72223	RDETIEVWSELK	AGAP004440-PA,AGAP004440-PC	-	49	0.000216334	2	1504.766	1.26	Malpighian tubule	2R:+:56079383-56079418;2R:+:56079383-56079418	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_73129	IDLFCFMR	AGAP004440-PA,AGAP004440-PC	C5(Carbamidomethyl)	53	4.50E-05	1	1101.524	2.08	Malpighian tubule	2R:+:56075630-56075653;2R:+:56075630-56075653	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_73251	RIANIVNK	AGAP004440-PA,AGAP004440-PC	N7(Deamidated)	45	0.000331007	1	928.548	-10.71	Malpighian tubule	2R:+:56069176-56069199;2R:+:56069176-56069199	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_73494	DALLLWCQR	AGAP004440-PA,AGAP004440-PC	C7(Carbamidomethyl)	59	2.31E-05	2	1174.606	1.78	Salivary gland	2R:+:56068840-56068866;2R:+:56068840-56068866	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_73865	LAEAYEALLFQR	AGAP004440-PA,AGAP004440-PC	-	96	2.35E-09	2	1423.767	6.47	Malpighian tubule	2R:+:56077856-56077891;2R:+:56077856-56077891	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_74377	SILTYVASYYHTFAR	AGAP004440-PA,AGAP004440-PC	-	42	0.000888641	2	1791.919	6.99	Ovary	2R:+:56069104-56069148;2R:+:56069104-56069148	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_75863	IETLASGLQAR	AGAP004440-PA,AGAP004440-PC	-	44	0.000460436	2	1158.648	-0.12	Salivary gland	2R:+:56078681-56078713;2R:+:56078681-56078713	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_76477	AVMSLQQK	AGAP004440-PA,AGAP004440-PC	M3(Oxidation), Q6(Deamidated), Q7(Deamidated)	41	0.0014461	1	922.462	7.81	Male reproductive organs	2R:+:56070313-56070336;2R:+:56070313-56070336	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_77929	NDQLHASCDLQHFLTQVR	AGAP004440-PA,AGAP004440-PC	C8(Carbamidomethyl)	86	3.68E-08	1	2182.051	2.43	Head	2R:+:56075291-56075344;2R:+:56075291-56075344	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_79014	IASDESYKDLSNLPR	AGAP004440-PA,AGAP004440-PC	-	111	1.41E-10	1	1707.852	-1.55	Midgut	2R:+:56072674-56072718;2R:+:56072674-56072718	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_79662	EQADQIVEWLTNK	AGAP004440-PA,AGAP004440-PC	-	58	2.87E-05	2	1573.790	2.84	Malpighian tubule	2R:+:56077262-56077300;2R:+:56077262-56077300	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_80279	RNFPNSVEGIQGELLAFK	AGAP004440-PA,AGAP004440-PC	N5(Deamidated),N2(Deamidated)	43	0.000772105	1	2020.038	-5.95	Malpighian tubule	2R:+:56069293-56069346;2R:+:56069293-56069346	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_81221	HIDFENSLGAQDK	AGAP004440-PA,AGAP004440-PC	-	65	3.84E-06	2	1473.697	0.02	Midgut	2R:+:56072416-56072454;2R:+:56072416-56072454	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_84992	DLASVHNLLK	AGAP004440-PA,AGAP004440-PC	-	54	2.71E-05	1	1109.633	1.33	Salivary gland	2R:+:56077961-56077990;2R:+:56077961-56077990	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_85120	HFLANEVQDK	AGAP004440-PA,AGAP004440-PC	-	50	0.000119504	2	1200.598	-2.59	Head	2R:+:56079671-56079700;2R:+:56079671-56079700	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_86148	LAEAYEALLFQR	AGAP004440-PA,AGAP004440-PC	-	86	2.10E-08	1	1423.765	4.84	Salivary gland	2R:+:56077856-56077891;2R:+:56077856-56077891	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_86722	NFPNSVEGIQGELLAFK	AGAP004440-PA,AGAP004440-PC	-	128	2.15E-12	1	1862.971	3.2	Malpighian tubule	2R:+:56069296-56069346;2R:+:56069296-56069346	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_87077	RLEQAALQR	AGAP004440-PA,AGAP004440-PC	-	45	0.000204413	1	1084.625	2.61	Malpighian tubule	2R:+:56072905-56072931;2R:+:56072905-56072931	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC

JHU_Ag_88419	RVEAIDSDVEDFVR	AGAP004440-PA,AGAP004440-PC	-	59	2.10E-05	1	1649.806	-4.07	Midgut	2R:+:56071495-56071536;2R:+:56071495-56071536	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_94060	DLGSSLTAVQSLQK	AGAP004440-PA,AGAP004440-PC	Q13(Deamidated)	107	1.76E-10	2	1446.780	0.37	Midgut	2R:+:56078267-56078308;2R:+:56078267-56078308	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_94072	LDGLQR	AGAP004440-PA,AGAP004440-PC	-	34	0.003719486	1	701.393	-0.89	Malpighian tubule	2R:+:56078630-56078647;2R:+:56078630-56078647	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_94103	DVETAEK	AGAP004440-PA,AGAP004440-PC	-	36	0.003277036	1	791.376	-2.63	Midgut	2R:+:56072059-56072079;2R:+:56072059-56072079	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_94237	HAAFDAELLANSGR	AGAP004440-PA,AGAP004440-PC	-	86	3.53E-08	2	1471.733	2.68	Malpighian tubule	2R:+:56077676-56077717;2R:+:56077676-56077717	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_94746	RNFPNSVEGIQGELLAFK	AGAP004440-PA,AGAP004440-PC	N5(Deamidated)	36	0.004100397	1	2020.026	-11.82	Visceras	2R:+:56069293-56069346;2R:+:56069293-56069346	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_97848	LGDSIAQVEDLLR	AGAP004440-PA,AGAP004440-PC	-	67	1.84E-06	2	1428.782	9.04	Malpighian tubule	2R:+:56079860-56079898;2R:+:56079860-56079898	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_98058	LESIGAEDIVDHNPR	AGAP004440-PA,AGAP004440-PC	-	42	0.001099443	1	1664.824	0.16	Midgut	2R:+:56068268-56068312;2R:+:56068268-56068312	exon=> In CDS Exon 3 of transcript AGAP004440-PA;exon=> In CDS Exon 3 of transcript AGAP004440-PC
JHU_Ag_98407	GDESSAVDSNDSVDK	AGAP004440-PA,AGAP004440-PC	-	59	4.18E-06	2	1524.635	3.36	Head	2R:+:56071216-56071260;2R:+:56071216-56071260	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_100191	DALLLWCQR	AGAP004440-PA,AGAP004440-PC	C7(Carbamidomethyl)	52	0.000107464	1	1174.607	2.92	Visceras	2R:+:56068840-56068866;2R:+:56068840-56068866	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_101508	LDGLQR	AGAP004440-PA,AGAP004440-PC	-	35	0.003129558	2	701.394	0.25	Midgut	2R:+:56078630-56078647;2R:+:56078630-56078647	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_102223	LYAVVSRK	AGAP004440-PA,AGAP004440-PC	-	30	0.003936044	1	935.556	-12.33	Midgut	2R:+:56077478-56077501;2R:+:56077478-56077501	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_103087	LYEELLAMSAAR	AGAP004440-PA,AGAP004440-PC	-	59	2.02E-05	2	1366.705	1.13	Midgut	2R:+:56070154-56070189;2R:+:56070154-56070189	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_103660	IQYQFQELNR	AGAP004440-PA,AGAP004440-PC	-	50	0.000122848	1	1338.680	-0.1	Malpighian tubule	2R:+:56078756-56078785;2R:+:56078756-56078785	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_103928	HLTNVRR	AGAP004440-PA,AGAP004440-PC	N4(Deamidated)	30	0.005667124	1	896.510	3.79	Salivary gland	2R:+:56078465-56078485;2R:+:56078465-56078485	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_104246	DLNSALALAR	AGAP004440-PA,AGAP004440-PC	-	70	1.38E-06	2	1043.587	2.06	Malpighian tubule	2R:+:56075084-56075113;2R:+:56075084-56075113	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_105426	DNLEDSLQLHQFLR	AGAP004440-PA,AGAP004440-PC	Q8(Deamidated),N2(Deamidated)	46	0.000383492	1	1728.874	10.77	Midgut	2R:+:56078168-56078209;2R:+:56078168-56078209	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_106040	KHEAISADILAR	AGAP004440-PA,AGAP004440-PC	-	28	0.008880307	1	1323.736	-1.4	Malpighian tubule	2R:+:56069698-56069733;2R:+:56069698-56069733	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC

JHU_Ag_106231	LQAFDAEVNANEGR	AGAP004440-PA,AGAP004440-PC	-	74	6.97E-07	1	1533.738	5.65	Malpighian tubule	2R:+:56076086-56076127;2R:+:56076086-56076127	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_106756	FAEEILAESPFEADVIK	AGAP004440-PA,AGAP004440-PC	-	36	0.003849436	1	1907.966	1.41	Ovary	2R:+:56077421-56077471;2R:+:56077421-56077471	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_106964	DALLLWCQR	AGAP004440-PA,AGAP004440-PC	C7(Carbamidomethyl)	61	1.51E-05	1	1174.602	-1.76	Male reproductive organs	2R:+:56068840-56068866;2R:+:56068840-56068866	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_107592	ALEDLVDLR	AGAP004440-PA,AGAP004440-PC	-	55	3.80E-05	2	1043.579	5.46	Salivary gland	2R:+:56070481-56070507;2R:+:56070481-56070507	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_108063	VAELVTTGEEMAHEGHFDANNIQNETK	AGAP004440-PA,AGAP004440-PC	M11(Oxidation)	103	6.69E-10	1	2984.369	-0.01	Head	2R:+:56073088-56073168;2R:+:56073088-56073168	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_109072	AWADLQEQSAER	AGAP004440-PA,AGAP004440-PC	-	65	3.97E-06	2	1403.658	1.76	Salivary gland	2R:+:56073499-56073534;2R:+:56073499-56073534	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_109278	EQADQIVEWLTNK	AGAP004440-PA,AGAP004440-PC	-	71	1.44E-06	2	1573.797	6.96	Salivary gland	2R:+:56077262-56077300;2R:+:56077262-56077300	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_109634	HIDFENSLGAQDKILK	AGAP004440-PA,AGAP004440-PC	-	44	0.000473062	1	1827.969	4.69	Malpighian tubule	2R:+:56072416-56072463;2R:+:56072416-56072463	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_109750	IREHETSAAALADK	AGAP004440-PA,AGAP004440-PC	-	61	1.10E-05	3	1511.772	-5.92	Head	2R:+:56076764-56076805;2R:+:56076764-56076805	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_110403	DLASVHNLLK	AGAP004440-PA,AGAP004440-PC	-	67	1.27E-06	1	1109.632	0.56	Midgut	2R:+:56077961-56077990;2R:+:56077961-56077990	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_111599	DNHYAVEQIER	AGAP004440-PA,AGAP004440-PC	-	33	0.005894185	1	1373.647	2.04	Head	2R:+:56078393-56078425;2R:+:56078393-56078425	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_113631	HINGTYDQLQDLAER	AGAP004440-PA,AGAP004440-PC	-	88	2.33E-08	2	1772.854	-1.25	Head	2R:+:56071270-56071314;2R:+:56071270-56071314	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_113883	IQYQFQELNR	AGAP004440-PA,AGAP004440-PC	-	66	2.78E-06	2	1338.681	0.45	Midgut	2R:+:56078756-56078785;2R:+:56078756-56078785	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_113960	DLMSWATNLR	AGAP004440-PA,AGAP004440-PC	-	54	7.71E-05	2	1206.597	2.46	Malpighian tubule	2R:+:56075345-56075374;2R:+:56075345-56075374	exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_115690	SKFEELDHALQSK	AGAP004440-PA,AGAP004440-PC	-	60	1.58E-05	1	1531.779	2.34	Malpighian tubule	2R:+:56072962-56073000;2R:+:56072962-56073000	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_115813	RNFPNSVEGIQGELLAFK	AGAP004440-PA,AGAP004440-PC	N5(Deamidated)	42	0.001001825	1	2020.033	-8.25	Head	2R:+:56069293-56069346;2R:+:56069293-56069346	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_115843	FSSDVDDLNR	AGAP004440-PA,AGAP004440-PC	-	39	0.001225085	2	1167.527	-0.27	Midgut	2R:+:56072623-56072652;2R:+:56072623-56072652	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC
JHU_Ag_116397	IASDESYKDLSNLPR	AGAP004440-PA,AGAP004440-PC	-	54	6.95E-05	1	1707.864	5.16	Malpighian tubule	2R:+:56072674-56072718;2R:+:56072674-56072718	exon=> In CDS Exon 4 of transcript AGAP004440-PA;exon=> In CDS Exon 4 of transcript AGAP004440-PC

JHU_Ag_7416	DIKPQNLLLNPETAVLK	AGAP004443-PB,AGAP004443-PA	-	70	2.87E-07	1	1906.096	-2.76	Ovary	2R:-:56137903-56137853;2R:-:56137903-56137853	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_7655	TPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	88	9.49E-09	1	1153.658	0.66	Head	2R:-:56135016-56134984;2R:-:56135016-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_7869	TPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	65	1.78E-06	1	1153.658	-0.08	Pupa	2R:-:56135016-56134984;2R:-:56135016-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_8860	LTIPINYIR	AGAP004443-PB,AGAP004443-PA	-	31	0.003415611	2	1102.663	1.08	Visceras	2R:-:56138129-56138103;2R:-:56138129-56138103	exon=> In CDS Exon 4 of transcript AGAP004443-PB;exon=> In CDS Exon 4 of transcript AGAP004443-PA
JHU_Ag_10985	IIGNGSFGVVFQAK	AGAP004443-PB,AGAP004443-PA	-	74	2.19E-07	1	1436.792	1.54	Ovary	2R:-:56142677-56142636;2R:-:56142677-56142636	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_18734	LLEYTPGTR	AGAP004443-PB,AGAP004443-PA	-	52	7.83E-05	1	1049.564	1.56	Head	2R:-:56134983-56134957;2R:-:56134983-56134957	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_19475	LTIPINYIR	AGAP004443-PB,AGAP004443-PA	-	40	0.000482468	2	1102.661	-0.8	Salivary gland	2R:-:56138129-56138103;2R:-:56138129-56138103	exon=> In CDS Exon 4 of transcript AGAP004443-PB;exon=> In CDS Exon 4 of transcript AGAP004443-PA
JHU_Ag_19495	EFPPLFNFTEQELAIQPSLNLILRPR	AGAP004443-PB,AGAP004443-PA	-	79	3.98E-08	1	3082.683	3.29	Head	2R:-:56134878-56135031,56134402-56134702;2R:-:56134878-56135031,56134402-56134702	exon=> In CDS Exon 8 and 7 of transcript AGAP004443-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP004443-PA
JHU_Ag_20054	IIGNGSFGVVFQAK	AGAP004443-PB,AGAP004443-PA	N4(Deamidated)	91	7.75E-09	2	1437.774	0.35	Head	2R:-:56142677-56142636;2R:-:56142677-56142636	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_26384	EFPPLFNFTEQELAIQPSLNLILRPR	AGAP004443-PB,AGAP004443-PA	-	68	5.95E-07	1	3082.678	1.87	Ovary	2R:-:56134878-56135031,56134402-56134702;2R:-:56134878-56135031,56134402-56134702	exon=> In CDS Exon 8 and 7 of transcript AGAP004443-PB;exon=> In CDS Exon 8 and 7 of transcript AGAP004443-PA
JHU_Ag_28995	LCDFGSAK	AGAP004443-PB,AGAP004443-PA	C2(Carbamidomethyl)	42	0.000459298	1	897.417	3.66	Head	2R:-:56137852-56137829;2R:-:56137852-56137829	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_29727	TRTPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	55	1.24E-05	1	1410.810	2.27	Head	2R:-:56135022-56134984;2R:-:56135022-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_30605	LLEYTPGTR	AGAP004443-PB,AGAP004443-PA	-	53	7.36E-05	1	1049.563	0.16	Malpighian tubule	2R:-:56134983-56134957;2R:-:56134983-56134957	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA

JHU_Ag_31821	ITPMQACAHPFFNELR	AGAP004443-PB,AGAP004443-PA	M4(Oxidation), C7(Carbamidomethyl)	77	3.05E-07	1	1947.917	-1.96	Head	2R:-:56134956-56134909;2R:-:56134956-56134909	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_39189	RLEHCNIVK	AGAP004443-PB,AGAP004443-PA	C5(Carbamidomethyl)	51	6.39E-05	1	1168.621	-4.12	Head	2R:-:56140889-56140863;2R:-:56140889-56140863	exon=> In CDS Exon 3 of transcript AGAP004443-PB;exon=> In CDS Exon 3 of transcript AGAP004443-PA
JHU_Ag_40348	VTTVVATPGQGPDRPQEVSYTDTK	AGAP004443-PB,AGAP004443-PA	-	67	2.82E-06	1	2546.279	2.09	Malpighian tubule	2R:-:56142749-56142678;2R:-:56142749-56142678	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_44368	DIKPQNLLLNPETAVLK	AGAP004443-PB,AGAP004443-PA	-	94	9.73E-10	1	1906.103	1.28	Malpighian tubule	2R:-:56137903-56137853;2R:-:56137903-56137853	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_44814	SLAYIHSLGICHR	AGAP004443-PB,AGAP004443-PA	C11(Carbamidomethyl)	93	6.90E-09	1	1526.793	1.94	Head	2R:-:56137942-56137904;2R:-:56137942-56137904	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_45444	LLEYTPGTR	AGAP004443-PB,AGAP004443-PA	-	45	0.000471562	1	1049.564	1.09	Salivary gland	2R:-:56134983-56134957;2R:-:56134983-56134957	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_49763	TPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	64	2.40E-06	1	1153.659	1.4	Malpighian tubule	2R:-:56135016-56134984;2R:-:56135016-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_51090	TPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	54	2.37E-05	2	1153.657	-0.29	Midgut	2R:-:56135016-56134984;2R:-:56135016-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_58984	VTTVVATPGQGPDRPQEVSYTDTK	AGAP004443-PB,AGAP004443-PA	-	84	5.74E-08	1	2546.272	-0.57	Visceras	2R:-:56142749-56142678;2R:-:56142749-56142678	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_62881	DIKPQNLLLNPETAVLK	AGAP004443-PB,AGAP004443-PA	-	43	0.000124499	1	1906.104	1.5	Salivary gland	2R:-:56137903-56137853;2R:-:56137903-56137853	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_63741	TPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	74	2.23E-07	1	1153.656	-1.03	Male reproductive organs	2R:-:56135016-56134984;2R:-:56135016-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_65349	VTTVVATPGQGPDRPQEVSYTDTK	AGAP004443-PB,AGAP004443-PA	-	63	8.39E-06	1	2546.267	-2.65	Midgut	2R:-:56142749-56142678;2R:-:56142749-56142678	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_69572	TPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	45	0.000217967	2	1153.656	-1.03	Salivary gland	2R:-:56135016-56134984;2R:-:56135016-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_70211	IYMYQLFR	AGAP004443-PB,AGAP004443-PA	-	41	0.001420412	2	1133.585	3.43	Malpighian tubule	2R:-:56137966-56137943;2R:-:56137966-56137943	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA

JHU_Ag_77214	IIGNGSFGVVFQAK	AGAP004443-PB,AGAP004443-PA	N4(Deamidated)	57	1.80E-05	2	1437.770	-2.37	Salivary gland	2R:-:56142677-56142636;2R:-:56142677-56142636	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_79281	DIKPQNLLLNPETAVLK	AGAP004443-PB,AGAP004443-PA	-	46	5.67E-05	1	1906.101	-0.14	Midgut	2R:-:56137903-56137853;2R:-:56137903-56137853	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_80770	VTTVVATPGQGPDRPQEVSYTDTK	AGAP004443-PB,AGAP004443-PA	-	58	2.31E-05	1	2546.275	0.65	Salivary gland	2R:-:56142749-56142678;2R:-:56142749-56142678	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_80946	TRTPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	90	3.62E-09	1	1410.810	2.62	Malpighian tubule	2R:-:56135022-56134984;2R:-:56135022-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_81147	APELIFGAINYTTK	AGAP004443-PB,AGAP004443-PA	-	97	1.89E-09	1	1537.826	-0.02	Head	2R:-:56137774-56137733;2R:-:56137774-56137733	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_81893	IIGNGSFGVVFQAK	AGAP004443-PB,AGAP004443-PA	-	81	3.46E-08	1	1436.797	5.28	Malpighian tubule	2R:-:56142677-56142636;2R:-:56142677-56142636	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_84022	DIKPQNLLLNPETAVLK	AGAP004443-PB,AGAP004443-PA	-	87	4.53E-09	1	1906.102	0.7	Visceras	2R:-:56137903-56137853;2R:-:56137903-56137853	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_90685	NKLTIPINYIR	AGAP004443-PB,AGAP004443-PA	-	32	0.001377305	2	1344.805	3.82	Malpighian tubule	2R:-:56138135-56138103;2R:-:56138135-56138103	exon=> In CDS Exon 4 of transcript AGAP004443-PB;exon=> In CDS Exon 4 of transcript AGAP004443-PA
JHU_Ag_91709	LTIPINYIR	AGAP004443-PB,AGAP004443-PA	-	34	0.00110617	2	1102.665	3.18	Head	2R:-:56138129-56138103;2R:-:56138129-56138103	exon=> In CDS Exon 4 of transcript AGAP004443-PB;exon=> In CDS Exon 4 of transcript AGAP004443-PA
JHU_Ag_92985	APELIFGAINYTTK	AGAP004443-PB,AGAP004443-PA	-	99	9.43E-10	1	1537.829	1.72	Ovary	2R:-:56137774-56137733;2R:-:56137774-56137733	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_93364	APELIFGAINYTTK	AGAP004443-PB,AGAP004443-PA	-	41	0.000709244	1	1537.831	3.07	Pupa	2R:-:56137774-56137733;2R:-:56137774-56137733	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_93608	VTTVVATPGQGPDRPQEVSYTDTK	AGAP004443-PB,AGAP004443-PA	Q10(Deamidated),Q16(Deamidated)	70	1.53E-06	1	2546.279	2.31	Head	2R:-:56142749-56142678;2R:-:56142749-56142678	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_101205	IYMYQLFR	AGAP004443-PB,AGAP004443-PA	M3(Oxidation)	62	9.94E-06	2	1149.575	-0.79	Head	2R:-:56137966-56137943;2R:-:56137966-56137943	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_104592	LLEYTPGTR	AGAP004443-PB,AGAP004443-PA	-	53	6.20E-05	1	1049.564	0.86	Ovary	2R:-:56134983-56134957;2R:-:56134983-56134957	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA

JHU_Ag_111099	EMNPNYTEFK	AGAP004443-PB,AGAP004443-PA	-	41	0.000312214	2	1272.554	-2.11	Head	2R:-:56137493-56137464;2R:-:56137493-56137464	exon=> In CDS Exon 6 of transcript AGAP004443-PB;exon=> In CDS Exon 6 of transcript AGAP004443-PA
JHU_Ag_114406	LCDTGELVAIK	AGAP004443-PB,AGAP004443-PA	C2(Carbamidomethyl)	60	1.80E-05	1	1218.639	-0.78	Head	2R:-:56142635-56142603;2R:-:56142635-56142603	exon=> In CDS Exon 2 of transcript AGAP004443-PB;exon=> In CDS Exon 2 of transcript AGAP004443-PA
JHU_Ag_115356	DIKPQNLLLNPETAVLK	AGAP004443-PB,AGAP004443-PA	-	100	2.38E-10	1	1906.106	2.82	Head	2R:-:56137903-56137853;2R:-:56137903-56137853	exon=> In CDS Exon 5 of transcript AGAP004443-PB;exon=> In CDS Exon 5 of transcript AGAP004443-PA
JHU_Ag_116654	TPPEAIALVSR	AGAP004443-PB,AGAP004443-PA	-	78	8.38E-08	1	1153.658	0.45	Ovary	2R:-:56135016-56134984;2R:-:56135016-56134984	exon=> In CDS Exon 7 of transcript AGAP004443-PB;exon=> In CDS Exon 7 of transcript AGAP004443-PA
JHU_Ag_1102	YQWVQIFENK	AGAP004451-PA	-	82	7.15E-08	2	1354.679	-0.13	Head	2R:+:56365586-56365615	exon=> In CDS Exon 2 of transcript AGAP004451-PA
JHU_Ag_1290	YQWVQIFENK	AGAP004451-PA	-	46	0.000319078	2	1354.680	0.59	Visceras	2R:+:56365586-56365615	exon=> In CDS Exon 2 of transcript AGAP004451-PA
JHU_Ag_2532	YDNLFK	AGAP004451-PA	N3(Deamidated)	31	0.005604139	2	800.384	1.34	Head	2R:+:56366023-56366040	exon=> In CDS Exon 3 of transcript AGAP004451-PA
JHU_Ag_10190	DLTAEQAADRLR	AGAP004451-PA	-	72	7.19E-07	1	1358.705	2.05	Malpighian tubule	2R:+:56366215-56366250	exon=> In CDS Exon 3 of transcript AGAP004451-PA
JHU_Ag_12445	DLTAEQAADR	AGAP004451-PA	-	72	8.66E-07	1	1089.516	-1.02	Pupa	2R:+:56366215-56366244	exon=> In CDS Exon 3 of transcript AGAP004451-PA
JHU_Ag_26253	NVIDAWIAEFR	AGAP004451-PA	-	84	7.03E-08	2	1333.692	1.56	Midgut	2R:+:56365538-56365570	exon=> In CDS Exon 2 of transcript AGAP004451-PA
JHU_Ag_26989	NVIDAWIAEFR	AGAP004451-PA	-	85	6.23E-08	2	1333.696	4.4	Larva	2R:+:56365538-56365570	exon=> In CDS Exon 2 of transcript AGAP004451-PA
JHU_Ag_67260	YQWVQIFENK	AGAP004451-PA	-	74	4.61E-07	2	1354.679	-0.04	Midgut	2R:+:56365586-56365615	exon=> In CDS Exon 2 of transcript AGAP004451-PA
JHU_Ag_71257	YNPLNGQWVLVSPHR	AGAP004451-PA	-	42	0.000614611	2	1779.933	2.01	Malpighian tubule	2R:+:56365086-56365130	exon=> In CDS Exon 1 of transcript AGAP004451-PA
JHU_Ag_72434	YQWVQIFENK	AGAP004451-PA	-	40	0.001329435	2	1354.681	1.32	Male reproductive organs	2R:+:56365586-56365615	exon=> In CDS Exon 2 of transcript AGAP004451-PA
JHU_Ag_81566	ITDLTLPQINSLAIVIK	AGAP004451-PA	-	20	0.005002793	2	1852.126	5.51	Larva	2R:+:56365957-56366007	exon=> In CDS Exon 3 of transcript AGAP004451-PA
JHU_Ag_108675	YQWVQIFENK	AGAP004451-PA	-	54	4.98E-05	2	1354.680	0.96	Pupa	2R:+:56365586-56365615	exon=> In CDS Exon 2 of transcript AGAP004451-PA
JHU_Ag_13283	GGFDKHNLENPWR	AGAP004455-PA	-	50	0.000136858	1	1569.755	-0.31	Pupa	2R:-:56681472-56681434	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_19869	GNENLYLDGVQIGTR	AGAP004455-PA	-	80	1.64E-07	1	1648.838	5.65	Larva	2R:-:56681718-56681674	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_39007	NNSPQAATDFWNGR	AGAP004455-PA	N12(Deamidated)	37	0.001825069	2	1578.694	0.27	Pupa	2R:-:56681316-56681275	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_43996	GNENLYLDGVQIGTR	AGAP004455-PA	-	96	3.98E-09	2	1648.834	2.76	Ovary	2R:-:56681718-56681674	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_47551	GGFDKHNLENPWR	AGAP004455-PA	-	50	0.000163407	1	1569.756	-0.15	Malpighian tubule	2R:-:56681472-56681434	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_49164	SVTTASGSLIDR	AGAP004455-PA	-	69	2.11E-06	1	1206.630	-1.94	Pupa	2R:-:56682473-56682438	exon=> In CDS Exon 1 of transcript AGAP004455-PA
JHU_Ag_53169	AQWLPTWNLER	AGAP004455-PA	-	42	0.000725601	1	1413.735	5.21	Malpighian tubule	2R:-:56681274-56681242	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_58965	SASLLVDYVK	AGAP004455-PA	-	53	3.81E-05	2	1094.610	0.5	Pupa	2R:-:56681229-56681200	exon=> In CDS Exon 3 of transcript AGAP004455-PA

JHU_Ag_63296	NNSPQAATDFWNGR	AGAP004455-PA	-	49	0.000131986	1	1577.709	-0.27	Salivary gland	2R:-:56681316-56681275	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_64064	NNSPQAATDFWNGR	AGAP004455-PA	-	35	0.002873666	2	1577.711	1.36	Head	2R:-:56681316-56681275	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_68238	GNENLYLDGVQIGTR	AGAP004455-PA	-	114	5.95E-11	1	1648.832	1.8	Pupa	2R:-:56681718-56681674	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_72781	SASLLVDYVK	AGAP004455-PA	-	55	1.71E-05	2	1094.612	2.84	Ovary	2R:-:56681229-56681200	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_73541	GNENLYLDGVQIGTR	AGAP004455-PA	-	83	8.53E-08	2	1648.829	0.24	Salivary gland	2R:-:56681718-56681674	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_75247	QVGQTLHFGPNPSYNGYPTATLTK	AGAP004455-PA	-	81	9.96E-08	1	2591.296	2.76	Ovary	2R:-:56681673-56681602	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_78247	GNENLYLDGVQIGTR	AGAP004455-PA	-	75	4.87E-07	1	1648.832	1.72	Head	2R:-:56681718-56681674	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_80575	LPTGDWLWPAIWLLPK	AGAP004455-PA	-	36	0.001004727	1	1906.060	-1.53	Pupa	2R:-:56681823-56681776	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_80662	SASLLVDYVK	AGAP004455-PA	-	39	0.0009122	2	1094.609	0.05	Salivary gland	2R:-:56681229-56681200	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_83982	QVGQTLHFGPNPSYNGYPTATLTK	AGAP004455-PA	N15(Deamidated)	115	5.77E-11	1	2592.274	0.57	Pupa	2R:-:56681673-56681602	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_84698	QVGQTLHFGPNPSYNGYPTATLTK	AGAP004455-PA	-	102	8.35E-10	1	2591.301	4.46	Malpighian tubule	2R:-:56681673-56681602	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_90876	HNLENPWR	AGAP004455-PA	-	47	0.000359892	1	1065.521	-1.7	Pupa	2R:-:56681457-56681434	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_92942	SVTTASGSLIDR	AGAP004455-PA	-	42	0.000937408	2	1206.632	-0.01	Salivary gland	2R:-:56682473-56682438	exon=> In CDS Exon 1 of transcript AGAP004455-PA
JHU_Ag_106141	SVTTASGSLIDR	AGAP004455-PA	-	62	1.02E-05	2	1206.635	2.01	Larva	2R:-:56682473-56682438	exon=> In CDS Exon 1 of transcript AGAP004455-PA
JHU_Ag_116234	TISSFNFK	AGAP004455-PA	-	44	0.000370694	1	943.487	-1.67	Pupa	2R:-:56681874-56681851	exon=> In CDS Exon 3 of transcript AGAP004455-PA
JHU_Ag_79805	EGNLFIRPTLTVDEFGEPFLR	AGAP004456-PA	-	83	5.28E-08	1	2450.272	0.31	Visceras	2R:-:56685631-56685569	exon=> In CDS Exon 3 of transcript AGAP004456-PA
JHU_Ag_88318	FGPNAAYGSGYGAPGTSFTR	AGAP004456-PA	-	121	1.12E-11	1	1977.911	0.83	Visceras	2R:-:56685151-56685092	exon=> In CDS Exon 4 of transcript AGAP004456-PA
JHU_Ag_3102	VESNGAELTEHEAELYDR	AGAP004459-PB	N-Term(Acetyl)	122	7.07E-12	1	2103.953	3.12	Ovary	2R:+:56703773-56703826	exon=> In CDS Exon 1 of transcript AGAP004459-PB
JHU_Ag_21694	ILIAGINGLGAEIAK	AGAP004459-PB	-	63	4.53E-07	2	1452.890	7.77	Head	2R:+:56705866-56705910	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_29849	YVVVSKPHEKPK	AGAP004459-PB	-	38	0.000713262	1	1410.813	1.87	Ovary	2R:+:56706292-56706327	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_44625	YVVVSKPHEKPK	AGAP004459-PB	-	45	9.15E-05	2	1410.820	6.71	Larva	2R:+:56706292-56706327	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_47361	HEFAEDVAK	AGAP004459-PB	-	58	1.50E-05	1	1045.495	0.09	Ovary	2R:+:56706265-56706291	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_50820	DFDVVCLIGASTAQHLR	AGAP004459-PB	C6(Carbamidomethyl)	90	1.53E-08	1	1901.966	6.17	Ovary	2R:+:56706124-56706174	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_59467	NGPALPVQR	AGAP004459-PB	-	44	0.000341574	1	951.538	1.22	Malpighian tubule	2R:+:56706436-56706462	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_65768	NVILAGVK	AGAP004459-PB	-	35	0.001189814	2	813.520	0.48	Male reproductive organs	2R:+:56705911-56705934	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_72027	VESNGAELTEHEAELYDR	AGAP004459-PB	N4(Deamidated)	130	1.28E-12	1	2061.934	-1.09	Ovary	2R:+:56703773-56703826	exon=> In CDS Exon 1 of transcript AGAP004459-PB
JHU_Ag_74464	ILIAGINGLGAEIAK	AGAP004459-PB	-	84	5.74E-09	2	1452.882	2.48	Malpighian tubule	2R:+:56705866-56705910	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_75361	DSLVPELIPDK	AGAP004459-PB	-	39	0.000977884	2	1225.669	1.11	Ovary	2R:+:56706550-56706582	exon=> In CDS Exon 2 of transcript AGAP004459-PB

JHU_Ag_81374	HEFAEDVAK	AGAP004459-PB	-	62	4.88E-06	1	1045.491	-4.12	Head	2R:+:56706265-56706291	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_85022	KVTEEDFCSQFLAPQSSVGTNR	AGAP004459-PB	C8(Carbamidomethyl)	109	1.72E-10	1	2500.175	-0.9	Ovary	2R:+:56705959-56706024	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_85248	VTEEDFCSQFLAPQSSVGTNR	AGAP004459-PB	C7(Carbamidomethyl)	54	5.20E-05	2	2372.089	2.64	Ovary	2R:+:56705962-56706024	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_90255	VESNGAELTEHEAELYDR	AGAP004459-PB	N4(Deamidated)	81	8.19E-08	1	2062.920	0.07	Male reproductive organs	2R:+:56703773-56703826	exon=> In CDS Exon 1 of transcript AGAP004459-PB
JHU_Ag_90651	ILIAGINGLGAEIAK	AGAP004459-PB	N7(Deamidated)	115	4.29E-12	1	1452.879	0.46	Male reproductive organs	2R:+:56705866-56705910	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_91645	AQNLNPMVELK	AGAP004459-PB	M7(Oxidation)	58	2.53E-05	1	1272.662	0.44	Ovary	2R:+:56706046-56706078	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_100375	SFDHVFAQISPVTAIVGGVVAHEIIK	AGAP004459-PB	-	176	1.02E-17	1	2734.498	1.82	Ovary	2R:+:56706583-56706660	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_102256	SDDYFKDFDVVCLIGASTAQHLR	AGAP004459-PB	C12(Carbamidomethyl)	140	1.69E-13	1	2657.266	-0.11	Ovary	2R:+:56706106-56706174	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_105036	ILIAGINGLGAEIAK	AGAP004459-PB	-	111	1.05E-11	2	1452.877	-0.8	Salivary gland	2R:+:56705866-56705910	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_105245	DFDVVCLIGASTAQHLR	AGAP004459-PB	C6(Carbamidomethyl)	43	0.000804519	1	1901.959	2.76	Head	2R:+:56706124-56706174	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_106507	ILIAGINGLGAEIAK	AGAP004459-PB	N7(Deamidated)	134	5.05E-14	1	1452.880	1.05	Ovary	2R:+:56705866-56705910	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_107880	SVTLLDDR	AGAP004459-PB	-	46	0.000455349	2	918.487	-1.94	Ovary	2R:+:56705935-56705958	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_115488	DSLVPELIPDK	AGAP004459-PB	-	33	0.00380441	2	1225.670	2.01	Head	2R:+:56706550-56706582	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_116078	DFDVVCLIGASTAQHLR	AGAP004459-PB	C6(Carbamidomethyl)	67	2.69E-06	2	1901.955	0.33	Malpighian tubule	2R:+:56706124-56706174	exon=> In CDS Exon 2 of transcript AGAP004459-PB
JHU_Ag_3116	LITPSVVSERLK	AGAP004462-PA	-	51	1.43E-05	2	1341.813	2.19	Malpighian tubule	2R:+:56713431-56713466	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_4052	LITPSVVSER	AGAP004462-PA	-	57	2.12E-05	2	1100.631	-0.35	Salivary gland	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_6900	LNNQVLFDK	AGAP004462-PA	-	58	2.24E-05	2	1090.590	0.87	Head	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_9275	LVVQHHAQVIYTR	AGAP004462-PA	-	69	7.65E-07	1	1563.873	-1.33	Salivary gland	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_13659	LITPSVVSER	AGAP004462-PA	-	55	3.74E-05	1	1100.632	0.87	Malpighian tubule	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_19714	LVVQHHAQVIYTR	AGAP004462-PA	-	91	4.93E-09	1	1563.876	0.31	Ovary	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_21216	LITPSVVSER	AGAP004462-PA	-	35	0.003616812	1	1100.632	0.65	Larva	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_21497	DKLNNQVLFDK	AGAP004462-PA	-	87	2.81E-08	1	1333.714	1.83	Pupa	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_22949	LVVQHHAQVIYTR	AGAP004462-PA	-	88	7.37E-09	1	1563.882	4.34	Male reproductive organs	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_30355	LITPSVVSER	AGAP004462-PA	-	48	0.000172727	1	1100.629	-2.02	Pupa	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_35231	LVVQHHAQVIYTR	AGAP004462-PA	-	52	3.23E-05	1	1563.875	-0.5	Pupa	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_35398	LVVQHHAQVIYTR	AGAP004462-PA	-	98	8.15E-10	1	1563.874	-0.74	Midgut	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_35732	LVVQHHAQVIYTR	AGAP004462-PA	-	69	7.15E-07	2	1563.875	-0.26	Visceras	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_36618	DKLNNQVLFDK	AGAP004462-PA	-	84	6.05E-08	1	1333.712	0.46	Ovary	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA

JHU_Ag_37735	LITPSVVSER	AGAP004462-PA	-	70	1.00E-06	1	1100.634	2.64	Ovary	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_40619	LNNQVLFDK	AGAP004462-PA	-	59	2.00E-05	2	1090.589	-0.02	Pupa	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_43899	LNNQVLFDK	AGAP004462-PA	-	59	1.46E-05	1	1090.592	2.78	Larva	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_47183	EVPAYKLITPSVVSER	AGAP004462-PA	-	70	4.55E-07	1	1787.998	4.25	Malpighian tubule	2R:+:56713413-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_53174	LNNQVLFDK	AGAP004462-PA	-	56	3.61E-05	2	1090.589	-0.36	Midgut	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_61068	DKLNNQVLFDK	AGAP004462-PA	-	96	4.19E-09	1	1333.713	1.56	Malpighian tubule	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_67311	LNNQVLFDK	AGAP004462-PA	-	71	1.05E-06	2	1090.591	1.32	Ovary	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_76819	DKLNNQVLFDK	AGAP004462-PA	-	61	1.05E-05	1	1333.718	4.86	Larva	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_78083	LVVQHHAQVIYTR	AGAP004462-PA	-	99	7.54E-10	1	1563.878	1.37	Head	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_79507	LVVQHHAQVIYTR	AGAP004462-PA	-	78	7.73E-08	1	1563.886	6.76	Malpighian tubule	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_80548	LITPSVVSER	AGAP004462-PA	-	35	0.003583653	2	1100.631	-0.46	Midgut	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_84599	LITPSVVSER	AGAP004462-PA	-	57	2.54E-05	1	1100.632	0.98	Head	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_91589	DKLNNQVLFDK	AGAP004462-PA	-	76	4.21E-07	1	1333.711	0	Male reproductive organs	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_92506	LNNQVLFDK	AGAP004462-PA	-	77	2.51E-07	2	1090.590	0.99	Malpighian tubule	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_96082	LNNQVLFDK	AGAP004462-PA	-	59	1.92E-05	1	1090.589	-0.24	Male reproductive organs	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_106923	DKLNNQVLFDK	AGAP004462-PA	-	81	1.33E-07	1	1333.711	-0.36	Head	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_107081	DKLNNQVLFDK	AGAP004462-PA	-	91	1.13E-08	1	1333.711	0.19	Visceras	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_107724	LVVQHHAQVIYTR	AGAP004462-PA	-	99	6.81E-10	1	1563.880	3.01	Larva	2R:+:56713527-56713565	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_110002	LNNQVLFDK	AGAP004462-PA	-	39	0.001755045	2	1090.589	-0.13	Visceras	2R:+:56713362-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_113769	DKLNNQVLFDK	AGAP004462-PA	-	83	7.96E-08	1	1333.712	0.55	Salivary gland	2R:+:56713356-56713388	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_114259	LITPSVVSER	AGAP004462-PA	-	41	0.000906413	2	1100.631	-0.13	Male reproductive organs	2R:+:56713431-56713460	exon=> In CDS Exon 2 of transcript AGAP004462-PA
JHU_Ag_12626	RVEFLTGFHK	AGAP004463-PA	-	58	2.05E-05	1	1233.673	-0.77	Ovary	2R:-:56714643-56714721,56713807-56714524	exon=> In CDS Exon 2 and 1 of transcript AGAP004463-PA
JHU_Ag_43180	HKLSAEEGSSNEAENGESAVK	AGAP004463-PA	N11(Deamidated), N15(Deamidated)	29	0.013750642	1	2174.974	2.38	Midgut	2R:-:56714145-56714083	exon=> In CDS Exon 2 of transcript AGAP004463-PA
JHU_Ag_103261	VVELSTR	AGAP004463-PA	-	37	0.002201238	1	803.463	1.32	Ovary	2R:-:56714325-56714305	exon=> In CDS Exon 2 of transcript AGAP004463-PA
JHU_Ag_112484	KGPVLNLDGIR	AGAP004463-PA	-	47	4.99E-05	1	1181.701	0.53	Ovary	2R:-:56714064-56714032	exon=> In CDS Exon 2 of transcript AGAP004463-PA
JHU_Ag_25729	HKDDPPLTSVLDR	AGAP004464-PA	-	56	3.57E-05	3	1492.773	-1.44	Head	2R:+:56716117-56716155	exon=> In CDS Exon 1 of transcript AGAP004464-PA
JHU_Ag_28738	SWVEYTGWLEDR	AGAP004464-PA	-	64	5.11E-06	2	1540.708	0.93	Midgut	2R:+:56717017-56717052	exon=> In CDS Exon 1 of transcript AGAP004464-PA

JHU_Ag_37940	LLGLQPNDGVVLSQVLR	AGAP004464-PA	-	31	0.001680 5	2	1821.059	-0.32	Head	2R:+:56716597-56716647	exon=> In CDS Exon 1 of transcript AGAP004464-PA
JHU_Ag_41889	DVDIDEVEDK	AGAP004464-PA	-	74	3.18E-07	2	1176.527	0.26	Head	2R:+:56716069-56716098	exon=> In CDS Exon 1 of transcript AGAP004464-PA
JHU_Ag_43848	TSQANDPTETSTTSK	AGAP004464-PA	-	55	3.76E-05	1	1567.716	4.62	Head	2R:+:56715742-56715786	exon=> In CDS Exon 1 of transcript AGAP004464-PA
JHU_Ag_110980	LLGLQPNDGVVLSQVLR	AGAP004464-PA	-	40	0.000177 026	2	1821.070	5.78	Malpighian tubule	2R:+:56716597-56716647	exon=> In CDS Exon 1 of transcript AGAP004464-PA
JHU_Ag_853	LVAELQKR	AGAP004465-PA	Q6(Deamidated)	48	0.000169 447	1	957.564	-8.99	Malpighian tubule	2R:-:56718361-56718338	exon=> In CDS Exon 2 of transcript AGAP004465-PA
JHU_Ag_37751	LVAELQKR	AGAP004465-PA	Q6(Deamidated)	55	4.99E-05	1	957.561	-12.24	Male reproductive organs	2R:-:56718361-56718338	exon=> In CDS Exon 2 of transcript AGAP004465-PA
JHU_Ag_42964	LSINTQLLAR	AGAP004465-PA	-	63	3.16E-06	2	1128.675	1.34	Ovary	2R:-:56718106-56718077	exon=> In CDS Exon 2 of transcript AGAP004465-PA
JHU_Ag_89194	LQILIGDVLK	AGAP004465-PA	-	53	7.15E-06	1	1111.710	1.28	Ovary	2R:-:56718310-56718281	exon=> In CDS Exon 2 of transcript AGAP004465-PA
JHU_Ag_21124	RDYTQLIDATK	AGAP004466-PA	-	41	0.001112 507	1	1323.687	-2.86	Head	2R:-:56721275-56721243	exon=> In CDS Exon 6 of transcript AGAP004466-PA
JHU_Ag_28269	LVQLQQR	AGAP004467-PA	Q3(Deamidated), Q6(Deamidated)	54	5.12E-05	2	886.500	0.71	Larva	2R:+:56723370-56723390	exon=> In CDS Exon 1 of transcript AGAP004467-PA
JHU_Ag_49912	FIQTIATILER	AGAP004467-PA	-	43	0.000183 245	2	1304.766	6.31	Salivary gland	2R:+:56724162-56724194	exon=> In CDS Exon 1 of transcript AGAP004467-PA
JHU_Ag_51976	TQMMQALNGFK	AGAP004467-PA	Q5(Deamidated), N8(Deamidated)	30	0.011433 766	1	1270.596	12.23	Midgut	2R:+:56724405-56724435,56724512-56724513	exon=> In CDS Exon 1 and 2 of transcript AGAP004467-PA
JHU_Ag_115320	LLNDLDVTFNK	AGAP004467-PA	N3(Deamidated)	56	2.97E-05	1	1292.674	0.15	Malpighian tubule	2R:+:56723337-56723369	exon=> In CDS Exon 1 of transcript AGAP004467-PA
JHU_Ag_12529	LVDDLSDEFDFADVESFLVENGIINDK	AGAP004468-PA	-	119	1.91E-11	1	3058.448	2.05	Ovary	2R:-:56725351-56725271	exon=> In CDS Exon 1 of transcript AGAP004468-PA
JHU_Ag_109370	FISSDAGLSNLFK	AGAP004468-PA	-	94	4.80E-09	1	1398.725	-1.26	Ovary	2R:-:56725453-56725415	exon=> In CDS Exon 1 of transcript AGAP004468-PA
JHU_Ag_6696	FEDNAGTSENCLNLPEETLANR	AGAP004469-PA	C11(Carbamidomethyl)	104	4.53E-10	2	2494.113	-1.04	Head	2R:-:56728572-56728614,56728223-56728442	exon=> In CDS Exon 6 and 5 of transcript AGAP004469-PA
JHU_Ag_26579	DVLLLGHR	AGAP004469-PA	-	45	0.000162 857	2	922.549	1.72	Head	2R:-:56728136-56728113	exon=> In CDS Exon 7 of transcript AGAP004469-PA
JHU_Ag_75379	GPLVEGWR	AGAP004469-PA	-	35	0.001984 977	2	913.488	-1.02	Midgut	2R:-:56728342-56728319	exon=> In CDS Exon 6 of transcript AGAP004469-PA
JHU_Ag_111494	LPYWLQAVCPK	AGAP004469-PA,AGAP004469-PB	C9(Carbamidomethyl)	81	1.27E-07	1	1374.725	0.46	Head	2R:-:56728836-56728804;2R:-:56728836-56728804	exon=> In CDS Exon 3 of transcript AGAP004469-PA;exon=> In CDS Exon 3 of transcript AGAP004469-PB
JHU_Ag_606	GLPADDPSLSESDKGK	AGAP004470-PA	-	53	7.37E-05	1	1615.781	-0.31	Midgut	2R:+:56731143-56731190	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_6336	FPLGQLFVVEGSK	AGAP004470-PA	-	102	4.35E-10	1	1420.782	-1.07	Ovary	2R:+:56731020-56731058	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_14497	FRPLEDGELK	AGAP004470-PA	-	62	9.66E-06	2	1203.632	-4.05	Head	2R:+:56730957-56730986	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_15011	IVLFDTLLVNK	AGAP004470-PA	-	95	4.95E-10	1	1274.774	1.81	Ovary	2R:+:56731110-56731142	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_16635	FRPLEDGELKK	AGAP004470-PA	-	46	0.000256 876	1	1331.730	-1.19	Midgut	2R:+:56730957-56730989	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_20914	IVLFDTLLVNK	AGAP004470-PA	-	73	5.45E-08	2	1274.778	4.49	Salivary gland	2R:+:56731110-56731142	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_21607	IVLFDTLLVNK	AGAP004470-PA	-	62	1.04E-06	2	1274.776	2.96	Larva	2R:+:56731110-56731142	exon=> In CDS Exon 2 of transcript AGAP004470-PA

JHU_Ag_27791	SVEIAENIGLNPK	AGAP004470-PA	-	86	2.73E-08	2	1383.747	-0.74	Midgut	2R:+:56730594-56730632	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_38584	ELQHVMNSDTFEK	AGAP004470-PA	M6(Oxidation)	34	0.004105954	1	1593.726	3.18	Malpighian tubule	2R:+:56730438-56730476	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_41243	FPLGQLFVVEGSK	AGAP004470-PA	-	86	1.62E-08	2	1420.785	0.73	Pupa	2R:+:56731020-56731058	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_41377	IVLFDTLLVNK	AGAP004470-PA	-	88	2.73E-09	2	1274.772	0.37	Midgut	2R:+:56731110-56731142	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_42868	FPLGQLFVVEGSK	AGAP004470-PA	-	100	7.33E-10	2	1420.784	0.13	Midgut	2R:+:56731020-56731058	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_54852	FPLGQLFVVEGSK	AGAP004470-PA	-	103	2.80E-10	1	1420.790	4.77	Male reproductive organs	2R:+:56731020-56731058	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_60797	NEEVLAVLAHELGHWK	AGAP004470-PA	-	60	1.13E-05	1	1844.975	5.02	Ovary	2R:+:56731200-56731247	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_65592	SIHDLASSVK	AGAP004470-PA	-	44	0.000291318	1	1056.565	-3.5	Head	2R:+:56730990-56731019	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_70779	FPLGQLFVVEGSK	AGAP004470-PA	-	86	1.61E-08	2	1420.788	3.05	Salivary gland	2R:+:56731020-56731058	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_83336	SIHDLASSVK	AGAP004470-PA	-	34	0.003426649	1	1056.568	0.04	Midgut	2R:+:56730990-56731019	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_90320	IVLFDTLLVNK	AGAP004470-PA	-	50	1.76E-05	2	1274.774	1.43	Pupa	2R:+:56731110-56731142	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_91404	IVLFDTLLVNK	AGAP004470-PA	-	50	1.90E-05	2	1274.775	2.67	Male reproductive organs	2R:+:56731110-56731142	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_93073	RIVLFDTLLVNK	AGAP004470-PA	-	53	1.98E-06	1	1430.876	2.35	Head	2R:+:56731107-56731142	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_94508	FPLGQLFVVEGSKR	AGAP004470-PA	-	91	3.83E-09	1	1576.886	1.1	Midgut	2R:+:56731020-56731061	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_105439	ELQHVMNSDTFEK	AGAP004470-PA	M6(Oxidation)	69	1.22E-06	1	1593.721	-0.42	Midgut	2R:+:56730438-56730476	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_107527	GLPADDPSLSESDK	AGAP004470-PA	-	41	0.000878629	2	1430.668	2.03	Head	2R:+:56731143-56731184	exon=> In CDS Exon 2 of transcript AGAP004470-PA
JHU_Ag_59072	QHLLK	AGAP004475-PA	-	31	0.001310182	1	638.398	-1.06	Head	2R:+:56750971-56750985	exon=> In CDS Exon 1 of transcript AGAP004475-PA
JHU_Ag_66396	QHLLK	AGAP004475-PA	-	30	0.00168396	1	638.400	1.71	Malpighian tubule	2R:+:56750971-56750985	exon=> In CDS Exon 1 of transcript AGAP004475-PA
JHU_Ag_24517	AFVQLLANPIVGPLTHK	AGAP004476-PA	-	94	5.04E-10	1	1818.068	2.61	Head	2R:+:56779322-56779371,56779462-56779462	exon=> In CDS Exon 3 and 4 of transcript AGAP004476-PA
JHU_Ag_65766	HPDAPLASFPK	AGAP004476-PA	-	36	0.003199004	2	1179.614	-1.63	Head	2R:+:56779017-56779049	exon=> In CDS Exon 2 of transcript AGAP004476-PA
JHU_Ag_111182	QHSINLFLGYYIPSK	AGAP004477-PA	N5(Deamidated),Q1(Deamidated)	36	0.003462282	1	1780.900	-14.92	Malpighian tubule	2R:-:56787221-56787177	exon=> In CDS Exon 2 of transcript AGAP004477-PA
JHU_Ag_871	LCAEWLLK	AGAP004478-PA	C2(Carbamidomethyl)	45	0.000559533	1	1032.555	0.61	Visceras	2R:-:56789762-56789739	exon=> In CDS Exon 1 of transcript AGAP004478-PA
JHU_Ag_27738	YVANTLEELQISK	AGAP004478-PA	N4(Deamidated)	42	0.000716395	2	1508.805	13.45	Head	2R:-:56789519-56789481	exon=> In CDS Exon 1 of transcript AGAP004478-PA
JHU_Ag_104051	YVANTLEELQISK	AGAP004478-PA	-	59	1.59E-05	2	1507.805	3.26	Malpighian tubule	2R:-:56789519-56789481	exon=> In CDS Exon 1 of transcript AGAP004478-PA
JHU_Ag_21658	RDTAQTTLSAGALHQQGNVNVK	AGAP004479-PA	-	45	0.00035516	1	2309.197	0.41	Head	2R:-:56791472-56791407	exon=> In CDS Exon 3 of transcript AGAP004479-PA
JHU_Ag_51106	FQSIIINPFGANK	AGAP004479-PA	-	52	5.33E-05	2	1448.791	0.78	Ovary	2R:-:56790575-56790537	exon=> In CDS Exon 3 of transcript AGAP004479-PA
JHU_Ag_66777	IILPLAK	AGAP004479-PA	-	21	0.000711214	2	767.538	-0.79	Ovary	2R:-:56791589-56791569	exon=> In CDS Exon 3 of transcript AGAP004479-PA

JHU_Ag_103469	TTASALSAASASPSIVGR	AGAP004479-PA	-	57	2.76E-05	1	1646.873	1.35	Ovary	2R:-:56790458-56790405	exon=> In CDS Exon 3 of transcript AGAP004479-PA
JHU_Ag_110207	KLPGQPFIVVVPSVPTLLPSPR	AGAP004479-PA	-	25	0.001422231	3	2341.408	3.13	Malpighian tubule	2R:-:56792604-56792539	exon=> In CDS Exon 2 of transcript AGAP004479-PA
JHU_Ag_116282	KLPGQPFIVVVPSVPTLLPSPR	AGAP004479-PA	-	19	0.005637155	1	2341.402	0.47	Ovary	2R:-:56792604-56792539	exon=> In CDS Exon 2 of transcript AGAP004479-PA
JHU_Ag_7197	IFLLQLPDALPGK	AGAP004480-PA	-	38	0.00020565	2	1424.856	3.34	Salivary gland	2R:+:56795152-56795190	exon=> In CDS Exon 4 of transcript AGAP004480-PA
JHU_Ag_67149	IFLLQLPDALPGK	AGAP004480-PA	-	33	0.000676282	2	1424.857	3.86	Ovary	2R:+:56795152-56795190	exon=> In CDS Exon 4 of transcript AGAP004480-PA
JHU_Ag_36191	AIELALVQPTSYNFALDR	AGAP004481-PA	-	60	7.78E-06	1	2021.074	1.78	Visceras	2R:-:56795664-56795611	exon=> In CDS Exon 1 of transcript AGAP004481-PA
JHU_Ag_68483	NFLRDEVEAYK	AGAP004481-PA	-	48	0.000241668	2	1383.692	1.14	Midgut	2R:-:56795973-56795941	exon=> In CDS Exon 1 of transcript AGAP004481-PA
JHU_Ag_112149	AGLVLQTPEEEEAEWQEALRR	AGAP004481-PA	-	51	9.02E-05	1	2454.231	2.18	Head	2R:-:56795928-56795866	exon=> In CDS Exon 1 of transcript AGAP004481-PA
JHU_Ag_135	APIIGIAVVDSNGVPLEFQNVPGPAPHR	AGAP004483-PA	-	47	9.35E-05	3	2864.548	2.09	Visceras	2R:+:56814385-56814417,56814504-56814554	exon=> In CDS Exon 3 and 4 of transcript AGAP004483-PA
JHU_Ag_1011	IFSLPQLKPVNK	AGAP004483-PA	-	28	0.003355474	1	1383.840	2.88	Male reproductive organs	2R:+:56814585-56814620	exon=> In CDS Exon 4 of transcript AGAP004483-PA
JHU_Ag_2426	IFSLPQLKPVNK	AGAP004483-PA	-	30	0.001930874	1	1383.841	3.58	Salivary gland	2R:+:56814585-56814620	exon=> In CDS Exon 4 of transcript AGAP004483-PA
JHU_Ag_7447	NNPNAGGAGAGGQHQQSAAETRPVER	AGAP004483-PA	-	39	0.001897431	1	2574.219	1.27	Ovary	2R:+:56814019-56814096	exon=> In CDS Exon 3 of transcript AGAP004483-PA
JHU_Ag_10997	FWDCSDVCLTPLLHVK	AGAP004483-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	66	4.77E-06	1	1989.956	-0.3	Midgut	2R:+:56813238-56813285	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_11738	GIGETTEKTSNSAIIK	AGAP004483-PA	-	67	2.19E-06	1	1648.881	3.63	Malpighian tubule	2R:+:56815712-56815719,56815808-56815847	exon=> In CDS Exon 6 and 7 of transcript AGAP004483-PA
JHU_Ag_12599	FWDCSDVCLTPLLHVK	AGAP004483-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	52	0.000119949	3	1989.955	-0.48	Ovary	2R:+:56813238-56813285	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_17854	VLIASEEQFK	AGAP004483-PA	-	39	0.001444787	2	1163.630	-0.99	Malpighian tubule	2R:+:56814555-56814584	exon=> In CDS Exon 4 of transcript AGAP004483-PA
JHU_Ag_19142	LNPGAIESVK	AGAP004483-PA	-	37	0.001401341	2	1027.577	-1.54	Midgut	2R:+:56812440-56812469	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_19650	NSEILSMNSSNIGSLK	AGAP004483-PA	M7(Oxidation)	115	5.12E-11	1	1709.835	-1.61	Midgut	2R:+:56815664-56815711	exon=> In CDS Exon 6 of transcript AGAP004483-PA
JHU_Ag_26342	TAPLFNNSDDFESNLNASTEQLDDGEPPFRK	AGAP004483-PA	-	75	2.93E-07	3	3468.589	1.86	Malpighian tubule	2R:+:56813286-56813378	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_26792	CTLNPNDLTGAGETLSR	AGAP004483-PA	C1(Carbamidomethyl), N4(Deamidated)	48	0.000195556	2	1819.845	-2.07	Ovary	2R:+:56813811-56813829,56813921-56813952	exon=> In CDS Exon 2 and 3 of transcript AGAP004483-PA
JHU_Ag_29398	APIIGIAVVDSNGVPLEFQNVPGPAPHR	AGAP004483-PA	-	99	5.89E-10	1	2864.555	4.65	Ovary	2R:+:56814385-56814417,56814504-56814554	exon=> In CDS Exon 3 and 4 of transcript AGAP004483-PA
JHU_Ag_30748	APIIGIAVVDSNGVPLEFQNVPGPAPHR	AGAP004483-PA	-	120	5.30E-12	1	2864.537	-1.68	Midgut	2R:+:56814385-56814417,56814504-56814554	exon=> In CDS Exon 3 and 4 of transcript AGAP004483-PA
JHU_Ag_30898	LNPGAIESVK	AGAP004483-PA	-	36	0.001714668	2	1027.582	3.45	Malpighian tubule	2R:+:56812440-56812469	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_34325	ANETITSSIGDITIDSVR	AGAP004483-PA	-	111	1.09E-10	1	1891.968	3.83	Ovary	2R:+:56815433-56815486	exon=> In CDS Exon 5 of transcript AGAP004483-PA
JHU_Ag_36431	DVLITGHEDGSVK	AGAP004483-PA	-	33	0.005349028	1	1369.698	1.25	Head	2R:+:56813199-56813237	exon=> In CDS Exon 2 of transcript AGAP004483-PA

JHU_Ag_41396	GLAVLWDLETASVK	AGAP004483-PA	-	69	9.84E-07	2	1501.829	1.83	Ovary	2R:+:56812515-56812556	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_41898	ISLSATK	AGAP004483-PA	-	31	0.003011751	1	719.431	2.18	Malpighian tubule	2R:+:56815115-56815135	exon=> In CDS Exon 5 of transcript AGAP004483-PA
JHU_Ag_44032	VSGSATLLTNGASNPR	AGAP004483-PA	N10(Deamidated)	50	0.000172456	2	1545.788	0.55	Salivary gland	2R:+:56815340-56815387	exon=> In CDS Exon 5 of transcript AGAP004483-PA
JHU_Ag_44639	VLIASEEQFKIFSLPQLKPVNK	AGAP004483-PA	-	55	2.05E-06	1	2528.457	3.22	Malpighian tubule	2R:+:56814555-56814620	exon=> In CDS Exon 4 of transcript AGAP004483-PA
JHU_Ag_45157	AGQFDPYSDDPR	AGAP004483-PA	-	46	0.000165009	2	1367.591	3.08	Malpighian tubule	2R:+:56813379-56813414	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_48532	DVLITGHEDGSVK	AGAP004483-PA	-	61	8.42E-06	1	1369.697	1.07	Midgut	2R:+:56813199-56813237	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_51632	TAPLFNNSDDFESNLNASTEQLDDGEPPFRK	AGAP004483-PA	-	41	0.000817361	3	3468.595	3.54	Midgut	2R:+:56813286-56813378	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_51834	AGQFDPYSDDPR	AGAP004483-PA	-	62	3.49E-06	1	1367.585	-1.03	Midgut	2R:+:56813379-56813414	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_54408	LSVLSTHTTQSSSTAK	AGAP004483-PA	-	42	0.001088254	1	1647.858	2.11	Ovary	2R:+:56815616-56815663	exon=> In CDS Exon 6 of transcript AGAP004483-PA
JHU_Ag_54695	GLAVLWDLETASVK	AGAP004483-PA	-	44	0.000315365	2	1501.824	-1.26	Salivary gland	2R:+:56812515-56812556	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_55388	DVLITGHEDGSVK	AGAP004483-PA	-	43	0.00057596	2	1369.701	3.74	Malpighian tubule	2R:+:56813199-56813237	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_55936	QLPNNHNLLLIAYNR	AGAP004483-PA	-	36	0.001412056	1	1792.988	3.67	Malpighian tubule	2R:+:56812470-56812514	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_59439	APIIGIAVVDSNGVPLEFQNVPGPAPHR	AGAP004483-PA	-	138	6.74E-14	1	2864.558	5.74	Malpighian tubule	2R:+:56814385-56814417,56814504-56814554	exon=> In CDS Exon 3 and 4 of transcript AGAP004483-PA
JHU_Ag_60650	APIIGIAVVDSNGVPLEFQNVPGPAPHR	AGAP004483-PA	-	112	2.86E-11	1	2864.554	4.2	Head	2R:+:56814385-56814417,56814504-56814554	exon=> In CDS Exon 3 and 4 of transcript AGAP004483-PA
JHU_Ag_63024	VLIASEEQFK	AGAP004483-PA	-	50	0.000104104	2	1163.634	3.2	Salivary gland	2R:+:56814555-56814584	exon=> In CDS Exon 4 of transcript AGAP004483-PA
JHU_Ag_63939	GLAVLWDLETASVK	AGAP004483-PA	-	67	1.68E-06	1	1501.829	2.16	Midgut	2R:+:56812515-56812556	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_64532	YAGEQQMAEYSCK	AGAP004483-PA	C12(Carbamidomethyl)	33	0.001230099	2	1564.648	4.82	Ovary	2R:+:56813091-56813129	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_71278	DVLITGHEDGSVK	AGAP004483-PA	-	59	1.66E-05	2	1369.695	-0.54	Ovary	2R:+:56813199-56813237	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_75156	LSVLSTHTTQSSSTAK	AGAP004483-PA	-	59	1.96E-05	1	1647.860	3.07	Head	2R:+:56815616-56815663	exon=> In CDS Exon 6 of transcript AGAP004483-PA
JHU_Ag_75713	NSEILSMNSSNIGSLK	AGAP004483-PA	M7(Oxidation)	57	3.32E-05	2	1709.838	0.46	Salivary gland	2R:+:56815664-56815711	exon=> In CDS Exon 6 of transcript AGAP004483-PA
JHU_Ag_85110	HRAPIIGIAVVDSNGVPLEFQNVPGPAPHR	AGAP004483-PA	-	80	3.49E-08	1	3157.715	4.14	Malpighian tubule	2R:+:56814379-56814417,56814504-56814554	exon=> In CDS Exon 3 and 4 of transcript AGAP004483-PA
JHU_Ag_90430	NSEILSMNSSNIGSLK	AGAP004483-PA	M7(Oxidation)	84	7.34E-08	2	1693.846	2.29	Ovary	2R:+:56815664-56815711	exon=> In CDS Exon 6 of transcript AGAP004483-PA
JHU_Ag_90970	NNPNAGGAGAGGQHQQSAAETRPVER	AGAP004483-PA	-	40	0.001621865	1	2574.209	-2.41	Midgut	2R:+:56814019-56814096	exon=> In CDS Exon 3 of transcript AGAP004483-PA
JHU_Ag_92094	NNPNAGGAGAGGQHQQSAAETRPVER	AGAP004483-PA	-	101	1.51E-09	1	2574.225	3.61	Malpighian tubule	2R:+:56814019-56814096	exon=> In CDS Exon 3 of transcript AGAP004483-PA
JHU_Ag_98942	IAFATFMCTVPTSSLVNSSPPK	AGAP004483-PA	M7(Oxidation), C8(Carbamidomethyl)	63	6.26E-06	2	2371.185	7.39	Malpighian tubule	2R:+:56814660-56814725	exon=> In CDS Exon 4 of transcript AGAP004483-PA
JHU_Ag_104923	VAFDFTSK	AGAP004483-PA	-	35	0.002066962	1	914.462	0.4	Midgut	2R:+:56812854-56812877	exon=> In CDS Exon 2 of transcript AGAP004483-PA

JHU_Ag_105958	LSVLSTHTTQSSSTAK	AGAP004483-PA	-	62	9.78E-06	1	1647.854	-0.71	Midgut	2R:+:56815616-56815663	exon=> In CDS Exon 6 of transcript AGAP004483-PA
JHU_Ag_108651	GLAVLWDLETASVK	AGAP004483-PA	-	67	1.47E-06	2	1501.832	4.03	Malpighian tubule	2R:+:56812515-56812556	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_111564	ESVIYHDVVLEQLPTSYR	AGAP004483-PA	-	93	6.19E-09	1	2148.096	-0.46	Midgut	2R:+:56812386-56812439	exon=> In CDS Exon 2 of transcript AGAP004483-PA
JHU_Ag_117524	NNPNAGGAGAGGQHQQSAAETRPVER	AGAP004483-PA	-	50	0.000185118	1	2574.221	2.05	Head	2R:+:56814019-56814096	exon=> In CDS Exon 3 of transcript AGAP004483-PA
JHU_Ag_1709	MQLLSGLVK	AGAP004484-PA	M1(Oxidation)	50	4.32E-05	1	988.588	2.2	Visceras	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_4932	VVDMIDIEDIAEK	AGAP004484-PA	M4(Oxidation)	102	1.10E-09	1	1489.748	1.47	Malpighian tubule	2R:+:56831904-56831942	exon=> In CDS Exon 2 of transcript AGAP004484-PA
JHU_Ag_12740	ECGDNLGPVVVQR	AGAP004484-PA	C2(Carbamidomethyl)	78	2.46E-07	2	1442.705	-0.75	Midgut	2R:+:56832129-56832167	exon=> In CDS Exon 3 of transcript AGAP004484-PA
JHU_Ag_14819	VVDMIDIEDIAEK	AGAP004484-PA	M4(Oxidation)	104	5.82E-10	1	1489.746	0.25	Salivary gland	2R:+:56831904-56831942	exon=> In CDS Exon 2 of transcript AGAP004484-PA
JHU_Ag_16433	VVDMIDIEDIAEKAAFCR	AGAP004484-PA	C17(Carbamidomethyl),"M4(Oxidation),C17(Carbamidomethyl)"	105	4.52E-10	1	2095.028	3.71	Malpighian tubule	2R:+:56831904-56831957	exon=> In CDS Exon 2 of transcript AGAP004484-PA
JHU_Ag_16510	VVDMIDIEDIAEK	AGAP004484-PA	M4(Oxidation)	75	5.42E-07	2	1505.747	4.67	Visceras	2R:+:56831904-56831942	exon=> In CDS Exon 2 of transcript AGAP004484-PA
JHU_Ag_22212	TTVPNYLSGLPIPDTFGGWFR	AGAP004484-PA	-	90	1.56E-08	1	2338.183	-1.74	Midgut	2R:+:56831179-56831241	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_26836	MQLLSGLVK	AGAP004484-PA	N-Term(Acetyl),Q2(Deamidated)	36	0.002228836	1	1031.594	13.1	Visceras	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_27312	TTVPNYLSGLPIPDTFGGWFR	AGAP004484-PA	-	80	1.47E-07	1	2338.189	0.87	Ovary	2R:+:56831179-56831241	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_29036	MQLLSGLVK	AGAP004484-PA	M1(Oxidation)	43	0.000304363	2	1004.580	-0.5	Ovary	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_31096	ECGDNLGPVVVQR	AGAP004484-PA	C2(Carbamidomethyl)	66	3.23E-06	1	1442.707	1.11	Ovary	2R:+:56832129-56832167	exon=> In CDS Exon 3 of transcript AGAP004484-PA
JHU_Ag_32427	SNNWPYCDGSHGAHNKECGDNLGPVVVQR	AGAP004484-PA	C7(Carbamidomethyl),C18(Carbamidomethyl)	36	0.002184247	1	3267.445	0.31	Head	2R:+:56831967-56831975,56832090-56832167	exon=> In CDS Exon 2 and 3 of transcript AGAP004484-PA
JHU_Ag_40169	TTVPNYLSGLPIPDTFGGWFR	AGAP004484-PA	-	42	0.00089264	1	2338.191	1.81	Malpighian tubule	2R:+:56831179-56831241	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_54207	VVDMIDIEDIAEK	AGAP004484-PA	M4(Oxidation)	101	1.09E-09	1	1489.741	-2.79	Midgut	2R:+:56831904-56831942	exon=> In CDS Exon 2 of transcript AGAP004484-PA
JHU_Ag_55485	ECGDNLGPVVVQR	AGAP004484-PA	C2(Carbamidomethyl)	88	2.06E-08	1	1442.706	0.27	Malpighian tubule	2R:+:56832129-56832167	exon=> In CDS Exon 3 of transcript AGAP004484-PA
JHU_Ag_58456	SNNWPYCDGSHGAHNK	AGAP004484-PA	C7(Carbamidomethyl)	56	8.02E-06	1	1843.757	-0.02	Head	2R:+:56831967-56831975,56832090-56832128	exon=> In CDS Exon 2 and 3 of transcript AGAP004484-PA
JHU_Ag_59405	SNNWPYCDGSHGAHNKECGDNLGPVVVQR	AGAP004484-PA	C7(Carbamidomethyl),C18(Carbamidomethyl)	163	3.67E-16	1	3267.449	1.27	Visceras	2R:+:56831967-56831975,56832090-56832167	exon=> In CDS Exon 2 and 3 of transcript AGAP004484-PA
JHU_Ag_62044	MQLLSGLVK	AGAP004484-PA	M1(Oxidation)	51	3.99E-05	1	988.586	-0.21	Midgut	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_69477	MQLLSGLVK	AGAP004484-PA	N-Term(Acetyl),M1(Oxidation)	82	5.94E-08	2	1046.595	3.13	Malpighian tubule	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_79093	ECGDNLGPVVVQR	AGAP004484-PA	C2(Carbamidomethyl)	80	1.52E-07	1	1442.703	-1.85	Head	2R:+:56832129-56832167	exon=> In CDS Exon 3 of transcript AGAP004484-PA
JHU_Ag_79381	MQLLSGLVK	AGAP004484-PA	N-Term(Acetyl),M1(Oxidation)	77	2.32E-07	2	1046.591	-0.02	Midgut	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA

JHU_Ag_79641	VVDMIDIEDIAEK	AGAP004484-PA	M4(Oxidation)	98	2.68E-09	1	1489.749	2.29	Head	2R:+:56831904-56831942	exon=> In CDS Exon 2 of transcript AGAP004484-PA
JHU_Ag_82759	VVDMIDIEDIAEK	AGAP004484-PA	M4(Oxidation)	71	1.47E-06	1	1505.741	0.62	Ovary	2R:+:56831904-56831942	exon=> In CDS Exon 2 of transcript AGAP004484-PA
JHU_Ag_88050	SNNWPYCDGSHGAHNKECGDNLGPVVVQR	AGAP004484-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	177	1.66E-17	1	3267.457	3.85	Malpighian tubule	2R:+:56831967-56831975,56832090-56832167	exon=> In CDS Exon 2 and 3 of transcript AGAP004484-PA
JHU_Ag_88305	MQLLSGLVK	AGAP004484-PA	N-Term(Acetyl), M1(Oxidation)	68	1.56E-06	2	1046.592	0.44	Ovary	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_91000	MQLLSGLVK	AGAP004484-PA	N-Term(Acetyl)	69	1.10E-06	2	1030.598	0.97	Midgut	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_94506	SNNWPYCDGSHGAHNK	AGAP004484-PA	C7(Carbamidomethyl)	48	4.68E-05	1	1843.750	-3.68	Midgut	2R:+:56831967-56831975,56832090-56832128	exon=> In CDS Exon 2 and 3 of transcript AGAP004484-PA
JHU_Ag_102631	MQLLSGLVK	AGAP004484-PA	M1(Oxidation)	64	1.59E-06	1	988.589	2.56	Malpighian tubule	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_106734	TTVPNYLSGLPIPDTFGGWFR	AGAP004484-PA	-	63	6.43E-06	2	2338.195	3.48	Head	2R:+:56831179-56831241	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_107451	ECGDNLGPVVVQR	AGAP004484-PA	C2(Carbamidomethyl)	68	2.44E-06	2	1442.708	1.79	Visceras	2R:+:56832129-56832167	exon=> In CDS Exon 3 of transcript AGAP004484-PA
JHU_Ag_111963	MQLLSGLVK	AGAP004484-PA	N-Term(Acetyl)	77	1.72E-07	2	1030.602	5.11	Malpighian tubule	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_112054	MQLLSGLVK	AGAP004484-PA	N-Term(Acetyl), M1(Oxidation)	47	0.000203793	1	1046.594	2.15	Visceras	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_114849	MQLLSGLVK	AGAP004484-PA	M1(Oxidation)	45	0.000169138	1	988.586	0.04	Head	2R:+:56831152-56831178	exon=> In CDS Exon 1 of transcript AGAP004484-PA
JHU_Ag_116267	SNNWPYCDGSHGAHNK	AGAP004484-PA	C7(Carbamidomethyl)	43	0.000145311	1	1843.759	1.26	Malpighian tubule	2R:+:56831967-56831975,56832090-56832128	exon=> In CDS Exon 2 and 3 of transcript AGAP004484-PA
JHU_Ag_13403	LILQSNQLSALPR	AGAP004485-PA	-	85	8.85E-09	2	1452.853	-0.53	Head	2R:-:56833820-56833782	exon=> In CDS Exon 1 of transcript AGAP004485-PA
JHU_Ag_14888	LILQSNQLSALPR	AGAP004485-PA	-	58	3.90E-06	2	1452.853	-0.36	Midgut	2R:-:56833820-56833782	exon=> In CDS Exon 1 of transcript AGAP004485-PA
JHU_Ag_22292	TLALNENSLTSLPDSLQNLK	AGAP004485-PA	-	97	1.39E-09	2	2171.165	4.31	Malpighian tubule	2R:-:56834798-56834739	exon=> In CDS Exon 1 of transcript AGAP004485-PA
JHU_Ag_23023	LILQSNQLSALPR	AGAP004485-PA	-	70	2.83E-07	2	1452.853	0.06	Ovary	2R:-:56833820-56833782	exon=> In CDS Exon 1 of transcript AGAP004485-PA
JHU_Ag_55922	NAFHSYPSGGPAQFTNVTSINLEHNQIDK	AGAP004485-PA	-	46	0.00030915	1	3186.526	0.63	Head	2R:-:56834225-56834139	exon=> In CDS Exon 1 of transcript AGAP004485-PA
JHU_Ag_83062	IHELPAAIGHLVNLTTLDLSHNHLK	AGAP004485-PA	-	81	1.10E-08	1	2756.538	6.18	Ovary	2R:-:56834567-56834493	exon=> In CDS Exon 1 of transcript AGAP004485-PA
JHU_Ag_91572	YNQLTSIPVSLK	AGAP004485-PA	-	72	3.65E-07	2	1362.764	0.78	Ovary	2R:-:56834369-56834334	exon=> In CDS Exon 1 of transcript AGAP004485-PA
JHU_Ag_5488	DVNDFFEHELQFLGEYHSHLK	AGAP004487-PA	-	70	1.62E-06	1	2604.227	4.6	Malpighian tubule	2R:-:56845755-56845693	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_20635	GKEELVSFR	AGAP004487-PA	-	48	0.000240282	2	1064.573	-0.24	Malpighian tubule	2R:-:56844883-56844857	exon=> In CDS Exon 5 of transcript AGAP004487-PA
JHU_Ag_22378	ISSQLLALSTAEHGSMEK	AGAP004487-PA	M16(Oxidation)	50	0.00018155	2	1917.953	-2.82	Male reproductive organs	2R:-:56845626-56845573	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_37434	DVHAAESAQTQACEK	AGAP004487-PA	C13(Carbamidomethyl)	74	3.95E-07	1	1644.731	1.35	Ovary	2R:-:56845267-56845438,56844828-56844905	exon=> In CDS Exon 5 and 4 of transcript AGAP004487-PA
JHU_Ag_37569	ISSQLLALSTAEHGSMEK	AGAP004487-PA	M16(Oxidation)	68	2.51E-06	1	1917.957	-0.66	Ovary	2R:-:56845626-56845573	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_41404	IDIFGGLVK	AGAP004487-PA	-	30	0.003099635	1	961.583	11.25	Head	2R:-:56845830-56845804	exon=> In CDS Exon 3 of transcript AGAP004487-PA

JHU_Ag_44994	GKEELVSFR	AGAP004487-PA	-	48	0.000204772	2	1064.572	-1.15	Head	2R:-:56844883-56844857	exon=> In CDS Exon 5 of transcript AGAP004487-PA
JHU_Ag_53068	CLAAYEAANR	AGAP004487-PA	C1(Carbamidomethyl)	48	0.000179487	2	1138.530	-1.15	Head	2R:-:56845327-56845298	exon=> In CDS Exon 4 of transcript AGAP004487-PA
JHU_Ag_56960	QSLLALQELV	AGAP004487-PA	-	37	0.001917887	2	1113.653	1.39	Head	2R:-:56844701-56844672	exon=> In CDS Exon 6 of transcript AGAP004487-PA
JHU_Ag_60758	QSLLALQELV	AGAP004487-PA	-	50	9.29E-05	2	1113.650	-1.24	Ovary	2R:-:56844701-56844672	exon=> In CDS Exon 6 of transcript AGAP004487-PA
JHU_Ag_63507	TNLPGFDKSDFLVVR	AGAP004487-PA	-	74	3.50E-07	1	1707.910	2.04	Malpighian tubule	2R:-:56846211-56846167	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_68199	TNLPGFDKSDFLVVR	AGAP004487-PA	-	43	0.000445943	1	1707.913	3.97	Ovary	2R:-:56846211-56846167	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_73681	GKEELVSFR	AGAP004487-PA	-	36	0.003075411	2	1064.575	1.71	Ovary	2R:-:56844883-56844857	exon=> In CDS Exon 5 of transcript AGAP004487-PA
JHU_Ag_74599	SLTDLAELEIK	AGAP004487-PA	-	81	8.02E-08	2	1231.679	0.86	Ovary	2R:-:56844829-56844937,56844669-56844732	exon=> In CDS Exon 6 and 5 of transcript AGAP004487-PA
JHU_Ag_79531	SLTDLAELEIK	AGAP004487-PA	-	52	6.40E-05	2	1231.679	0.66	Male reproductive organs	2R:-:56844829-56844937,56844669-56844732	exon=> In CDS Exon 6 and 5 of transcript AGAP004487-PA
JHU_Ag_84704	LASHPVFR	AGAP004487-PA	-	30	0.005032772	1	926.520	-0.95	Head	2R:-:56845920-56845897	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_85822	IDIFGGLVK	AGAP004487-PA	-	41	0.000368376	1	961.570	-1.45	Ovary	2R:-:56845830-56845804	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_91915	KIDIFGGLVK	AGAP004487-PA	-	40	0.000166739	1	1089.668	0.74	Malpighian tubule	2R:-:56845833-56845804	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_92591	ISSQLLALSTAEHGSMEK	AGAP004487-PA	M16(Oxidation)	50	0.000151765	1	1917.963	2.1	Salivary gland	2R:-:56845626-56845573	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_99192	SLTDLAELEIK	AGAP004487-PA	-	80	1.16E-07	2	1231.679	1.05	Salivary gland	2R:-:56844829-56844937,56844669-56844732	exon=> In CDS Exon 6 and 5 of transcript AGAP004487-PA
JHU_Ag_102088	DVNDFFEHELQFLGEYHSHLK	AGAP004487-PA	-	116	3.37E-11	1	2604.234	7.04	Ovary	2R:-:56845755-56845693	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_104656	DVADSHVR	AGAP004487-PA	-	49	0.000115922	1	898.439	1.26	Head	2R:-:56845650-56845627	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_111544	SDFLVVR	AGAP004487-PA	-	57	1.92E-05	2	835.468	0.95	Ovary	2R:-:56846187-56846167	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_113951	FEENEEYAGYIIPPCPPRPDFDASR	AGAP004487-PA	C15(Carbamidomethyl)	86	2.61E-08	1	2969.331	-3.58	Head	2R:-:56846133-56846059	exon=> In CDS Exon 3 of transcript AGAP004487-PA
JHU_Ag_5212	SNGYTRPYTLSPELAEVCGAESLPR	AGAP004492-PA	C18(Carbamidomethyl)	123	7.06E-12	1	2767.338	0.88	Ovary	2R:-:56861676-56861602	exon=> In CDS Exon 2 of transcript AGAP004492-PA
JHU_Ag_17482	RSNGYTRPYTLSPELAEVCGAESLPR	AGAP004492-PA	N3(Deamidated), C19(Carbamidomethyl)	79	1.35E-07	1	2924.427	2.13	Ovary	2R:-:56861679-56861602	exon=> In CDS Exon 2 of transcript AGAP004492-PA
JHU_Ag_68766	QFAICDEQLR	AGAP004492-PA	C5(Carbamidomethyl)	63	8.47E-06	1	1279.609	-0.65	Ovary	2R:-:56861535-56861506	exon=> In CDS Exon 2 of transcript AGAP004492-PA
JHU_Ag_77548	VIGVK	AGAP004492-PA	-	29	0.003028071	1	515.355	0.54	Visceras	2R:-:56861502-56861488	exon=> In CDS Exon 2 of transcript AGAP004492-PA
JHU_Ag_90771	MWAIIK	AGAP004492-PA	M1(Oxidation)	39	0.001746503	1	777.434	0.92	Ovary	2R:-:56861583-56861566	exon=> In CDS Exon 2 of transcript AGAP004492-PA
JHU_Ag_114181	DANLEETAAK	AGAP004492-PA	-	61	9.87E-06	1	1061.511	-0.2	Ovary	2R:-:56862246-56862217	exon=> In CDS Exon 2 of transcript AGAP004492-PA
JHU_Ag_112128	RLEETGDELTELLLDDK	AGAP004496-PA	-	70	1.65E-06	1	1989.003	0.18	Head	2R:+:57072513-57072563	exon=> In CDS Exon 1 of transcript AGAP004496-PA
JHU_Ag_80708	AFADIGDSIR	AGAP004498-PA	-	58	2.87E-05	2	1064.538	0.45	Pupa	2R:+:57079064-57079093	exon=> In CDS Exon 1 of transcript AGAP004498-PA

JHU_Ag_114392	SHLPWQLHPR	AGAP004498-PA	-	41	0.000739504	3	1270.681	0.17	Pupa	2R:+:57079443-57079472	exon=> In CDS Exon 2 of transcript AGAP004498-PA
JHU_Ag_35	ITIAPDGGLSR	AGAP004501-PA	-	65	3.01E-06	1	1099.611	0.54	Malpighian tubule	2R:-:57098041-57098009	exon=> In CDS Exon 2 of transcript AGAP004501-PA
JHU_Ag_8990	VTDEGGNIGTGR	AGAP004501-PA	-	90	1.43E-08	1	1175.564	-1.19	Malpighian tubule	2R:-:57098761-57098726	exon=> In CDS Exon 2 of transcript AGAP004501-PA
JHU_Ag_10306	NLIKPSTAVNMGDGWETAR	AGAP004501-PA	M11(Oxidation)	35	0.005310954	1	2076.027	4.18	Malpighian tubule	2R:-:57098404-57098348	exon=> In CDS Exon 2 of transcript AGAP004501-PA
JHU_Ag_99526	DTEPVFLADR	AGAP004501-PA	-	54	6.94E-05	2	1162.574	0.38	Malpighian tubule	2R:-:57099010-57098981	exon=> In CDS Exon 2 of transcript AGAP004501-PA
JHU_Ag_15392	GALDDDVTEADIISCVEFNHDGELLATGDK	AGAP004502-PA	C15(Carbamidomethyl)	107	2.19E-10	1	3219.477	4.22	Head	2R:-:57106054-57105965	exon=> In CDS Exon 2 of transcript AGAP004502-PA
JHU_Ag_15637	RGEYNVYSTFQSHEPEFDYLK	AGAP004502-PA	-	82	9.32E-08	1	2609.203	3.34	Ovary	2R:-:57104791-57104729	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_19379	NQSHFLLSTNDK	AGAP004502-PA	-	71	1.53E-06	1	1403.688	-2.32	Head	2R:-:57104677-57104642	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_45984	EDNGSIRDPASINSLR	AGAP004502-PA	-	73	9.34E-07	1	1743.862	-0.04	Ovary	2R:-:57104581-57104534	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_46017	LFEEPEDVDTTNK	AGAP004502-PA	-	37	0.002604016	2	1536.707	0.47	Malpighian tubule	2R:-:57104191-57104153	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_49695	LFEEPEDVDTTNK	AGAP004502-PA	-	69	1.65E-06	1	1536.704	-1.84	Midgut	2R:-:57104191-57104153	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_51221	LFEEPEDVDTTNK	AGAP004502-PA	-	60	1.28E-05	2	1536.708	1.18	Salivary gland	2R:-:57104191-57104153	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_64728	EIISSISDVK	AGAP004502-PA	-	62	8.32E-06	2	1090.599	-0.26	Ovary	2R:-:57104140-57104111	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_65139	DEISVDCLAFNK	AGAP004502-PA	C7(Carbamidomethyl)	33	0.006859166	2	1410.658	0.96	Head	2R:-:57103675-57103640	exon=> In CDS Exon 4 of transcript AGAP004502-PA
JHU_Ag_72397	RGEYNVYSTFQSHEPEFDYLK	AGAP004502-PA	-	130	1.25E-12	1	2609.209	5.73	Malpighian tubule	2R:-:57104791-57104729	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_75048	LFEEPEDVDTTNK	AGAP004502-PA	-	84	5.15E-08	1	1536.709	1.42	Ovary	2R:-:57104191-57104153	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_77663	EIISSISDVK	AGAP004502-PA	-	51	8.76E-05	2	1090.599	0.3	Salivary gland	2R:-:57104140-57104111	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_87710	VPSIKPMDLMVEASPR	AGAP004502-PA	M7(Oxidation), M10(Oxidation)	96	3.66E-09	1	1801.916	-1.65	Ovary	2R:-:57104533-57104486	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_88859	LFEEPEDVDTTNK	AGAP004502-PA	-	92	7.97E-09	1	1536.711	2.93	Head	2R:-:57104191-57104153	exon=> In CDS Exon 3 of transcript AGAP004502-PA
JHU_Ag_5363	QQQPATAANVGTTWK	AGAP004504-PA	-	92	9.21E-09	2	1600.807	-0.28	Salivary gland	2R:+:57148631-57148675	exon=> In CDS Exon 4 of transcript AGAP004504-PA
JHU_Ag_9233	GGSGGGAGGSNAPSMNQLK	AGAP004504-PA	M15(Oxidation)	56	2.36E-05	1	1662.752	0.91	Salivary gland	2R:+:57148739-57148795	exon=> In CDS Exon 4 of transcript AGAP004504-PA
JHU_Ag_46960	NAGNINIDLDNLLGNGAK	AGAP004504-PA	-	62	6.47E-06	2	1825.955	7.75	Malpighian tubule	2R:+:57148676-57148729	exon=> In CDS Exon 4 of transcript AGAP004504-PA
JHU_Ag_81027	GGSGGGAGGSNAPSMNQLK	AGAP004504-PA	M15(Oxidation)	37	0.001848515	2	1662.757	3.99	Malpighian tubule	2R:+:57148739-57148795	exon=> In CDS Exon 4 of transcript AGAP004504-PA
JHU_Ag_101979	QQQPATAANVGTTWK	AGAP004504-PA	-	47	0.00031942	2	1600.814	3.84	Malpighian tubule	2R:+:57148631-57148675	exon=> In CDS Exon 4 of transcript AGAP004504-PA
JHU_Ag_29472	ELFSLASLLR	AGAP004504-PB	-	38	0.000580226	2	1148.674	6.03	Ovary	2R:+:57146599-57146628	exon=> In CDS Exon 4 of transcript AGAP004504-PB
JHU_Ag_6097	QNSSLSTGSTSAFGGGGGTGGSER	AGAP004504-PB,AGAP004504-PA	-	76	2.43E-07	2	2158.966	2.99	Malpighian tubule	2R:+:57142898-57142969;2R:+:57142898-57142969	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_6671	ELIDFIQDDDRLR	AGAP004504-PB,AGAP004504-PA	-	43	0.000835073	1	1647.833	-0.51	Salivary gland	2R:+:57142489-57142527;2R:+:57142489-57142527	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA

JHU_Ag_19438	IDLGAASGFAK	AGAP004504-PB,AGAP004504-PA	-	45	0.000473642	2	1049.562	-0.22	Malpighian tubule	2R:+:57143051-57143083;2R:+:57143051-57143083	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_21499	SLLLLNYLVR	AGAP004504-PB,AGAP004504-PA	-	69	1.38E-07	2	1203.752	4.57	Ovary	2R:+:57142333-57142362;2R:+:57142333-57142362	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_23406	INLNIKPTGSSSTGSSLR	AGAP004504-PB,AGAP004504-PA	-	36	0.002291086	1	1831.986	-0.44	Malpighian tubule	2R:+:57142973-57143026;2R:+:57142973-57143026	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_35354	SASTTDALVDEDDFNPR	AGAP004504-PB,AGAP004504-PA	-	111	7.36E-11	2	1852.827	4.15	Malpighian tubule	2R:+:57143246-57143296;2R:+:57143246-57143296	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_36121	GDDFADFAAFGK	AGAP004504-PB,AGAP004504-PA	-	64	2.40E-06	2	1260.554	0.91	Salivary gland	2R:+:57143375-57143410;2R:+:57143375-57143410	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_36605	ATEDFGDFESAFGASTGKPVLTTTTK	AGAP004504-PB,AGAP004504-PA	-	135	5.06E-13	1	2678.289	2.11	Salivary gland	2R:+:57143297-57143374;2R:+:57143297-57143374	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_39320	SLLLLNYLVR	AGAP004504-PB,AGAP004504-PA	-	87	2.57E-09	2	1203.751	4.37	Salivary gland	2R:+:57142333-57142362;2R:+:57142333-57142362	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_40244	SLLLLNYLVR	AGAP004504-PB,AGAP004504-PA	-	80	1.29E-08	1	1203.750	2.95	Malpighian tubule	2R:+:57142333-57142362;2R:+:57142333-57142362	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_41153	TAATASAASASATPVDQFGINSPTHR	AGAP004504-PB,AGAP004504-PA	-	62	1.05E-05	3	2529.237	1.43	Salivary gland	2R:+:57143084-57143161;2R:+:57143084-57143161	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_43460	SLENYTFVDENGKDQGINVR	AGAP004504-PB,AGAP004504-PA	-	68	2.22E-06	2	2298.099	-0.47	Midgut	2R:+:57142417-57142476;2R:+:57142417-57142476	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_54150	TAATASAASASATPVDQFGINSPTHR	AGAP004504-PB,AGAP004504-PA	-	116	4.00E-11	1	2529.234	0.42	Malpighian tubule	2R:+:57143084-57143161;2R:+:57143084-57143161	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_55308	SLENYTFVDENGKDQGINVR	AGAP004504-PB,AGAP004504-PA	N11(Deamidated)	91	1.20E-08	1	2299.086	0.95	Salivary gland	2R:+:57142417-57142476;2R:+:57142417-57142476	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_68274	ELIDFIQDDDRLR	AGAP004504-PB,AGAP004504-PA	-	39	0.002088589	1	1647.836	1.6	Malpighian tubule	2R:+:57142489-57142527;2R:+:57142489-57142527	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_78277	ATEDFGDFESAFGASTGKPVLTTTTK	AGAP004504-PB,AGAP004504-PA	-	109	2.23E-10	1	2678.290	2.46	Malpighian tubule	2R:+:57143297-57143374;2R:+:57143297-57143374	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_84931	SASTTDALVDEDDFNPR	AGAP004504-PB,AGAP004504-PA	-	85	2.73E-08	2	1852.820	0.39	Salivary gland	2R:+:57143246-57143296;2R:+:57143246-57143296	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_91176	ELIDFIQDDDR	AGAP004504-PB,AGAP004504-PA	-	57	2.55E-05	2	1378.652	2.24	Salivary gland	2R:+:57142489-57142521;2R:+:57142489-57142521	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_91829	SLLLLNYLVR	AGAP004504-PB,AGAP004504-PA	-	59	1.39E-06	2	1203.746	0.21	Male reproductive organs	2R:+:57142333-57142362;2R:+:57142333-57142362	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_92294	VVTSSREHIYDLR	AGAP004504-PB,AGAP004504-PA	-	39	0.002029402	1	1574.830	0.82	Malpighian tubule	2R:+:57142378-57142416;2R:+:57142378-57142416	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA

JHU_Ag_101594	GDDFADFAAFGK	AGAP004504-PB,AGAP004504-PA	-	92	4.40E-09	1	1260.556	2.27	Malpighian tubule	2R:+:57143375-57143410;2R:+:57143375-57143410	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_105790	VTNVVMNYTEIEGK	AGAP004504-PB,AGAP004504-PA	M6(Oxidation)	61	1.32E-05	2	1612.790	0.82	Salivary gland	2R:+:57140115-57140116,57142131-57142170;2R:+:57140115-57140116,57142131-57142170	exon=> In CDS Exon 1 and 2 of transcript AGAP004504-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP004504-PA
JHU_Ag_106168	SLENYTFVDENGKDQGINVR	AGAP004504-PB,AGAP004504-PA	-	100	1.71E-09	1	2298.109	4.06	Malpighian tubule	2R:+:57142417-57142476;2R:+:57142417-57142476	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_109537	KINLNIKPTGSSSTGSSLR	AGAP004504-PB,AGAP004504-PA	-	108	8.43E-11	1	1960.087	2.64	Malpighian tubule	2R:+:57142970-57143026;2R:+:57142970-57143026	exon=> In CDS Exon 3 of transcript AGAP004504-PB;exon=> In CDS Exon 3 of transcript AGAP004504-PA
JHU_Ag_111305	VRELIDFIQDDDR	AGAP004504-PB,AGAP004504-PA	-	47	0.000328495	2	1633.824	3.54	Midgut	2R:+:57142483-57142521;2R:+:57142483-57142521	exon=> In CDS Exon 2 of transcript AGAP004504-PB;exon=> In CDS Exon 2 of transcript AGAP004504-PA
JHU_Ag_59370	RLIFEQMQILR	AGAP004507-PA,AGAP004507-PB	Q8(Deamidated)	32	0.005019511	1	1447.797	-8.3	Midgut	2R:-:57164962-57164930;2R:-:57164962-57164930	exon=> In CDS Exon 9 of transcript AGAP004507-PA;exon=> In CDS Exon 11 of transcript AGAP004507-PB
JHU_Ag_16342	AVFGLVSAVAGFVK	AGAP004510-PA	-	104	9.95E-11	2	1364.800	4.48	Larva	2R:+:57204917-57204958	exon=> In CDS Exon 1 of transcript AGAP004510-PA
JHU_Ag_21235	FLGGAFLTYGSEVLK	AGAP004510-PA	-	71	9.68E-07	2	1601.861	1.92	Ovary	2R:+:57205621-57205665	exon=> In CDS Exon 2 of transcript AGAP004510-PA
JHU_Ag_32045	FLGGAFLTYGSEVLK	AGAP004510-PA	-	38	0.002234652	1	1601.859	1.08	Salivary gland	2R:+:57205621-57205665	exon=> In CDS Exon 2 of transcript AGAP004510-PA
JHU_Ag_39544	GVSTASPAER	AGAP004510-PA	-	52	0.000110777	2	974.492	2.27	Malpighian tubule	2R:+:57205364-57205393	exon=> In CDS Exon 1 of transcript AGAP004510-PA
JHU_Ag_55844	TMGTEVAHSGLGNDNQER	AGAP004510-PA	M2(Oxidation)	115	3.40E-11	1	1931.854	1.42	Head	2R:+:57205181-57205234	exon=> In CDS Exon 1 of transcript AGAP004510-PA
JHU_Ag_68700	TMGTEVAHSGLGNDNQER	AGAP004510-PA	M2(Oxidation)	112	5.96E-11	1	1931.857	3.04	Larva	2R:+:57205181-57205234	exon=> In CDS Exon 1 of transcript AGAP004510-PA
JHU_Ag_69556	TMGTEVAHSGLGNDNQER	AGAP004510-PA	-	68	1.47E-06	1	1915.862	3.02	Malpighian tubule	2R:+:57205181-57205234	exon=> In CDS Exon 1 of transcript AGAP004510-PA
JHU_Ag_93818	AVFGLVSAVAGFVK	AGAP004510-PA	-	106	6.33E-11	2	1364.801	5.11	Salivary gland	2R:+:57204917-57204958	exon=> In CDS Exon 1 of transcript AGAP004510-PA
JHU_Ag_94141	TMGTEVAHSGLGNDNQER	AGAP004510-PA	M2(Oxidation)	102	6.78E-10	1	1931.856	2.18	Pupa	2R:+:57205181-57205234	exon=> In CDS Exon 1 of transcript AGAP004510-PA
JHU_Ag_5740	SDQLSQLTNEGTIIERDDAMDGK	AGAP004514-PA	-	34	0.004854056	1	2536.186	1.12	Ovary	2R:+:57251131-57251199	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_8890	VVDAADVVLEVVDARDPLGTR	AGAP004514-PA	-	79	9.38E-08	1	2209.182	-0.14	Ovary	2R:+:57250075-57250137	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_23521	VTEIQDPFPLANDILK	AGAP004514-PA	-	39	0.001082478	2	1812.985	5.73	Ovary	2R:+:57250657-57250704	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_26102	VTEIQDPFPLANDILKR	AGAP004514-PA	-	41	0.00042043	1	1969.076	0.44	Ovary	2R:+:57250657-57250707	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_36956	SDQLSQLTNEGTIIER	AGAP004514-PA	-	51	0.00012508	2	1803.920	6.63	Malpighian tubule	2R:+:57251131-57251178	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_52685	VTEIQDPFPLANDILKR	AGAP004514-PA	-	63	2.10E-06	1	1969.088	6.3	Malpighian tubule	2R:+:57250657-57250707	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_57437	DPMFLLEGNQTANR	AGAP004514-PA	-	69	1.81E-06	2	1605.769	0.18	Ovary	2R:+:57251269-57251310	exon=> In CDS Exon 2 of transcript AGAP004514-PA

JHU_Ag_58028	TLECSPCIGADLLK	AGAP004514-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	39	0.001894589	2	1576.773	1.41	Ovary	2R:+:57250342-57250383	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_58873	VVDAADVVLEVVDARDPLGTR	AGAP004514-PA	-	136	1.32E-13	1	2209.193	4.58	Malpighian tubule	2R:+:57250075-57250137	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_59454	VGVVGLPNVGK	AGAP004514-PA	-	40	0.000183304	1	1038.635	4.34	Malpighian tubule	2R:+:57250435-57250467	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_66789	LYDISEFHSTDEFLAK	AGAP004514-PA	-	47	0.000281799	1	1914.912	-0.02	Ovary	2R:+:57250732-57250779	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_75670	VVDAADVVLEVVDAR	AGAP004514-PA	-	45	0.000307952	2	1569.853	2.92	Ovary	2R:+:57250075-57250119	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_94442	LLDSPGIVFQRPK	AGAP004514-PA	-	87	9.83E-09	1	1469.849	1.1	Ovary	2R:+:57250573-57250611	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_103358	LYDISEFHSTDEFLAK	AGAP004514-PA	-	41	0.001273101	1	1914.925	6.87	Malpighian tubule	2R:+:57250732-57250779	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_103765	VTEIQDPFPLANDILKR	AGAP004514-PA	-	57	8.67E-06	1	1969.074	-0.77	Visceras	2R:+:57250657-57250707	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_105257	VTEIQDPFPLANDILK	AGAP004514-PA	-	64	3.31E-06	1	1812.989	8.22	Malpighian tubule	2R:+:57250657-57250704	exon=> In CDS Exon 2 of transcript AGAP004514-PA
JHU_Ag_17483	LPTKEEQSALVTYK	AGAP004518-PA	-	102	6.44E-10	1	1606.865	-2.44	Head	2R:+:57304167-57304208	exon=> In CDS Exon 2 of transcript AGAP004518-PA
JHU_Ag_113958	EEQSALVTYK	AGAP004518-PA	-	58	2.16E-05	1	1167.590	0.63	Head	2R:+:57304179-57304208	exon=> In CDS Exon 2 of transcript AGAP004518-PA
JHU_Ag_47	AGKPVPDVSSVDELWSAK	AGAP004519-PA	-	106	3.98E-10	1	1884.972	1.16	Pupa	2R:+:57327947-57328000	exon=> In CDS Exon 2 of transcript AGAP004519-PA
JHU_Ag_34175	AGKPVPDVSSVDELWSAK	AGAP004519-PA	-	134	5.85E-13	1	1884.976	3.04	Malpighian tubule	2R:+:57327947-57328000	exon=> In CDS Exon 2 of transcript AGAP004519-PA
JHU_Ag_37852	AGKPVPDVSSVDELWSAK	AGAP004519-PA	-	81	1.03E-07	1	1884.979	4.75	Salivary gland	2R:+:57327947-57328000	exon=> In CDS Exon 2 of transcript AGAP004519-PA
JHU_Ag_68739	AGKPVPDVSSVDELWSAK	AGAP004519-PA	-	106	3.73E-10	1	1884.978	4.27	Midgut	2R:+:57327947-57328000	exon=> In CDS Exon 2 of transcript AGAP004519-PA
JHU_Ag_75410	AGKPVPDVSSVDELWSAK	AGAP004519-PA	-	78	2.07E-07	1	1884.974	2	Ovary	2R:+:57327947-57328000	exon=> In CDS Exon 2 of transcript AGAP004519-PA
JHU_Ag_85204	AGKPVPDVSSVDELWSAK	AGAP004519-PA	-	137	2.99E-13	1	1884.967	-1.56	Head	2R:+:57327947-57328000	exon=> In CDS Exon 2 of transcript AGAP004519-PA
JHU_Ag_98169	AGKPVPDVSSVDELWSAKYLYDSAFHPDTGEK	AGAP004519-PA	-	66	3.44E-06	1	3508.701	2.98	Malpighian tubule	2R:+:57327947-57328042	exon=> In CDS Exon 2 of transcript AGAP004519-PA
JHU_Ag_506	LVPLAAVAAANCINIPLMR	AGAP004519-PA,AGAP004519-PB	C12(Carbamidomethyl),"C12(Carbamidomethyl), M18(Oxidation)"	36	0.001061842	1	2023.125	3.06	Head	2R:+:57328472-57328528;2R:+:57328472-57328528	exon=> In CDS Exon 3 of transcript AGAP004519-PA;exon=> In CDS Exon 3 of transcript AGAP004519-PB
JHU_Ag_608	ERPELDVVYYNK	AGAP004519-PA,AGAP004519-PB	-	58	2.79E-05	1	1524.773	2.4	Salivary gland	2R:+:57329411-57329446;2R:+:57329411-57329446	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_4685	LVPLAAVAAANCINIPLMR	AGAP004519-PA,AGAP004519-PB	C12(Carbamidomethyl), M18(Oxidation)	74	1.72E-07	2	2023.119	0.1	Midgut	2R:+:57328472-57328528;2R:+:57328472-57328528	exon=> In CDS Exon 3 of transcript AGAP004519-PA;exon=> In CDS Exon 3 of transcript AGAP004519-PB
JHU_Ag_5429	ASISVDSIEEELR	AGAP004519-PA,AGAP004519-PB	-	94	6.98E-09	1	1447.730	1.63	Pupa	2R:+:57329357-57329395;2R:+:57329357-57329395	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_14216	YLYDSAFHPDTGEK	AGAP004519-PA,AGAP004519-PB	-	102	6.39E-10	1	1642.741	1.43	Midgut	2R:+:57328001-57328042;2R:+:57328001-57328042	exon=> In CDS Exon 2 of transcript AGAP004519-PA;exon=> In CDS Exon 2 of transcript AGAP004519-PB
JHU_Ag_14915	HFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	101	7.82E-10	2	2356.234	1.71	Midgut	2R:+:57327734-57327793;2R:+:57327734-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB

JHU_Ag_15212	HFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	66	2.47E-06	1	2356.235	2.11	Salivary gland	2R:+:57327734-57327793;2R:+:57327734-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_17730	ASISVDSIEEELR	AGAP004519-PA,AGAP004519-PB	-	76	4.39E-07	1	1447.726	-0.82	Ovary	2R:+:57329357-57329395;2R:+:57329357-57329395	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_18764	HFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	122	5.73E-12	1	2356.241	4.99	Malpighian tubule	2R:+:57327734-57327793;2R:+:57327734-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_20340	YLYDSAFHPDTGEK	AGAP004519-PA,AGAP004519-PB	-	83	4.54E-08	1	1642.743	2.69	Ovary	2R:+:57328001-57328042;2R:+:57328001-57328042	exon=> In CDS Exon 2 of transcript AGAP004519-PA;exon=> In CDS Exon 2 of transcript AGAP004519-PB
JHU_Ag_22958	AKHFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	126	1.17E-12	1	2555.371	3.55	Pupa	2R:+:57327728-57327793;2R:+:57327728-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_24624	MLLVGR	AGAP004519-PA,AGAP004519-PB	M1(Oxidation)	32	0.003782455	2	704.412	-0.27	Midgut	2R:+:57328043-57328060;2R:+:57328043-57328060	exon=> In CDS Exon 2 of transcript AGAP004519-PA;exon=> In CDS Exon 2 of transcript AGAP004519-PB
JHU_Ag_27215	YDQSTYLNR	AGAP004519-PA,AGAP004519-PB	-	62	5.54E-06	1	1159.541	2.99	Malpighian tubule	2R:+:57327701-57327727;2R:+:57327701-57327727	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_30114	ASISVDSIEEELR	AGAP004519-PA,AGAP004519-PB	-	84	6.00E-08	1	1447.731	2.22	Head	2R:+:57329357-57329395;2R:+:57329357-57329395	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_32498	YLYDSAFHPDTGEK	AGAP004519-PA,AGAP004519-PB	-	96	2.35E-09	1	1642.742	1.88	Pupa	2R:+:57328001-57328042;2R:+:57328001-57328042	exon=> In CDS Exon 2 of transcript AGAP004519-PA;exon=> In CDS Exon 2 of transcript AGAP004519-PB
JHU_Ag_34637	ASISVDSIEEELR	AGAP004519-PA,AGAP004519-PB	-	95	4.92E-09	1	1447.732	2.89	Malpighian tubule	2R:+:57329357-57329395;2R:+:57329357-57329395	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_37730	VNLDEPR	AGAP004519-PA,AGAP004519-PB	-	46	0.000194833	2	842.437	0.28	Ovary	2R:+:57327680-57327700;2R:+:57327680-57327700	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_38182	ASISVDSIEEELRTK	AGAP004519-PA,AGAP004519-PB	-	98	2.31E-09	1	1676.868	-1.19	Midgut	2R:+:57329357-57329401;2R:+:57329357-57329401	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_38354	EGISAVTFSR	AGAP004519-PA,AGAP004519-PB	-	43	0.000574791	2	1066.553	0.21	Pupa	2R:+:57329085-57329114;2R:+:57329085-57329114	exon=> In CDS Exon 4 of transcript AGAP004519-PA;exon=> In CDS Exon 4 of transcript AGAP004519-PB
JHU_Ag_39226	YDQSTYLNR	AGAP004519-PA,AGAP004519-PB	-	57	1.78E-05	2	1159.536	-1.43	Ovary	2R:+:57327701-57327727;2R:+:57327701-57327727	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_39752	YLYDSAFHPDTGEK	AGAP004519-PA,AGAP004519-PB	-	78	1.73E-07	1	1642.746	4.77	Larva	2R:+:57328001-57328042;2R:+:57328001-57328042	exon=> In CDS Exon 2 of transcript AGAP004519-PA;exon=> In CDS Exon 2 of transcript AGAP004519-PB
JHU_Ag_40251	HFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	115	2.43E-11	1	2356.243	5.84	Ovary	2R:+:57327734-57327793;2R:+:57327734-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_40364	HFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	82	5.53E-08	1	2356.239	3.82	Pupa	2R:+:57327734-57327793;2R:+:57327734-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_40500	AKHFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	119	7.40E-12	1	2555.369	2.94	Head	2R:+:57327728-57327793;2R:+:57327728-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB

JHU_Ag_45626	EGISAVTFSR	AGAP004519-PA,AGAP004519-PB	-	68	2.30E-06	2	1066.549	-3.34	Midgut	2R:+:57329085-57329114;2R:+:57329085-57329114	exon=> In CDS Exon 4 of transcript AGAP004519-PA;exon=> In CDS Exon 4 of transcript AGAP004519-PB
JHU_Ag_45637	YDQSTYLNR	AGAP004519-PA,AGAP004519-PB	-	63	4.56E-06	2	1159.538	-0.06	Head	2R:+:57327701-57327727;2R:+:57327701-57327727	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_46353	ASISVDSIEEELR	AGAP004519-PA,AGAP004519-PB	-	75	4.89E-07	2	1447.737	6.35	Salivary gland	2R:+:57329357-57329395;2R:+:57329357-57329395	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_52342	ERPELDVVYYNK	AGAP004519-PA,AGAP004519-PB	-	68	2.52E-06	1	1524.773	2.48	Malpighian tubule	2R:+:57329411-57329446;2R:+:57329411-57329446	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_53490	EGISAVTFSR	AGAP004519-PA,AGAP004519-PB	-	58	1.79E-05	2	1066.554	0.9	Malpighian tubule	2R:+:57329085-57329114;2R:+:57329085-57329114	exon=> In CDS Exon 4 of transcript AGAP004519-PA;exon=> In CDS Exon 4 of transcript AGAP004519-PB
JHU_Ag_56144	AKHFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	180	5.88E-18	1	2555.355	-2.47	Midgut	2R:+:57327728-57327793;2R:+:57327728-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_56744	ERPELDVVYYNK	AGAP004519-PA,AGAP004519-PB	-	83	7.57E-08	1	1524.772	1.6	Head	2R:+:57329411-57329446;2R:+:57329411-57329446	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_56874	EGISAVTFSR	AGAP004519-PA,AGAP004519-PB	-	41	0.000879099	1	1066.555	2.23	Head	2R:+:57329085-57329114;2R:+:57329085-57329114	exon=> In CDS Exon 4 of transcript AGAP004519-PA;exon=> In CDS Exon 4 of transcript AGAP004519-PB
JHU_Ag_60755	NGVTLLDKDGK	AGAP004519-PA,AGAP004519-PB	N1(Deamidated)	38	0.002549294	2	1160.615	-0.66	Midgut	2R:+:57329022-57329054;2R:+:57329022-57329054	exon=> In CDS Exon 4 of transcript AGAP004519-PA;exon=> In CDS Exon 4 of transcript AGAP004519-PB
JHU_Ag_61022	YLYDSAFHPDTGEK	AGAP004519-PA,AGAP004519-PB	-	107	2.08E-10	1	1642.742	2.17	Head	2R:+:57328001-57328042;2R:+:57328001-57328042	exon=> In CDS Exon 2 of transcript AGAP004519-PA;exon=> In CDS Exon 2 of transcript AGAP004519-PB
JHU_Ag_63254	VNLDEPR	AGAP004519-PA,AGAP004519-PB	-	54	3.42E-05	2	842.438	1.08	Malpighian tubule	2R:+:57327680-57327700;2R:+:57327680-57327700	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_65980	ASISVDSIEEELRTK	AGAP004519-PA,AGAP004519-PB	-	125	4.49E-12	1	1676.875	2.74	Malpighian tubule	2R:+:57329357-57329401;2R:+:57329357-57329401	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_66787	AKHFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	136	1.48E-13	1	2555.368	2.56	Malpighian tubule	2R:+:57327728-57327793;2R:+:57327728-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_66998	ERPELDVVYYNK	AGAP004519-PA,AGAP004519-PB	-	70	1.82E-06	1	1524.770	0.24	Ovary	2R:+:57329411-57329446;2R:+:57329411-57329446	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_67973	HFLIVTNPLNVFATEEQLDR	AGAP004519-PA,AGAP004519-PB	-	80	9.34E-08	2	2356.227	-1.09	Head	2R:+:57327734-57327793;2R:+:57327734-57327793	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_68073	YDQSTYLNR	AGAP004519-PA,AGAP004519-PB	-	60	9.68E-06	2	1159.540	1.52	Salivary gland	2R:+:57327701-57327727;2R:+:57327701-57327727	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_72028	ASISVDSIEEELR	AGAP004519-PA,AGAP004519-PB	-	72	9.40E-07	2	1447.729	1.2	Male reproductive organs	2R:+:57329357-57329395;2R:+:57329357-57329395	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_75581	EGISAVTFSR	AGAP004519-PA,AGAP004519-PB	-	67	2.49E-06	2	1066.553	0.21	Salivary gland	2R:+:57329085-57329114;2R:+:57329085-57329114	exon=> In CDS Exon 4 of transcript AGAP004519-PA;exon=> In CDS Exon 4 of transcript AGAP004519-PB

JHU_Ag_76615	AIELPR	AGAP004519-PA,AGAP004519-PB	N-Term(Acetyl)	39	0.000297833	1	740.430	-0.55	Midgut	2R:+:57327662-57327679;2R:+:57327662-57327679	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_79383	ILMAMPGMVFTPVLMNTLEK	AGAP004519-PA,AGAP004519-PB	M3(Oxidation), M5(Oxidation), M8(Oxidation),"M5(Oxidation), M8(Oxidation)","M3(Oxidation), M8(Oxidation), M15(Oxidation)",M8(Oxidation),"M3(Oxidation), M5(Oxidation), M8(Oxidation), M15(Oxidation)","M5(Oxidation), M8(Oxidation), M15(Oxidation)"	79	1.86E-07	1	2300.135	-2.81	Midgut	2R:+:57329115-57329139,57329211-57329245;2R:+:57329115-57329139,57329211-57329245	exon=> In CDS Exon 4 and 5 of transcript AGAP004519-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004519-PB
JHU_Ag_80977	LVPLAAVAAANCINIPLMR	AGAP004519-PA,AGAP004519-PB	C12(Carbamidomethyl), M18(Oxidation)	40	0.000521739	2	2023.118	-0.38	Male reproductive organs	2R:+:57328472-57328528;2R:+:57328472-57328528	exon=> In CDS Exon 3 of transcript AGAP004519-PA;exon=> In CDS Exon 3 of transcript AGAP004519-PB
JHU_Ag_82529	VNLDEPR	AGAP004519-PA,AGAP004519-PB	-	35	0.002337834	1	842.436	-0.72	Midgut	2R:+:57327680-57327700;2R:+:57327680-57327700	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_87282	VNLDEPRYDQSTYLNR	AGAP004519-PA,AGAP004519-PB	-	63	9.25E-06	1	1982.960	1.85	Malpighian tubule	2R:+:57327680-57327727;2R:+:57327680-57327727	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_93145	ASISVDSIEEELR	AGAP004519-PA,AGAP004519-PB	-	85	4.69E-08	2	1447.729	1.12	Midgut	2R:+:57329357-57329395;2R:+:57329357-57329395	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_93535	ILMAMPGMVFTPVLMNTLEK	AGAP004519-PA,AGAP004519-PB	M3(Oxidation), M5(Oxidation), M8(Oxidation), M15(Oxidation)	67	2.76E-06	1	2300.155	6.21	Larva	2R:+:57329115-57329139,57329211-57329245;2R:+:57329115-57329139,57329211-57329245	exon=> In CDS Exon 4 and 5 of transcript AGAP004519-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004519-PB
JHU_Ag_93858	YDQSTYLNR	AGAP004519-PA,AGAP004519-PB	-	57	1.69E-05	2	1159.539	0.67	Pupa	2R:+:57327701-57327727;2R:+:57327701-57327727	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_97033	AAKEGISAVTFSR	AGAP004519-PA,AGAP004519-PB	-	88	1.55E-08	1	1336.726	3.35	Malpighian tubule	2R:+:57329076-57329114;2R:+:57329076-57329114	exon=> In CDS Exon 4 of transcript AGAP004519-PA;exon=> In CDS Exon 4 of transcript AGAP004519-PB
JHU_Ag_102118	ERPELDVVYYNK	AGAP004519-PA,AGAP004519-PB	-	85	5.43E-08	1	1524.771	1.28	Midgut	2R:+:57329411-57329446;2R:+:57329411-57329446	exon=> In CDS Exon 5 of transcript AGAP004519-PA;exon=> In CDS Exon 5 of transcript AGAP004519-PB
JHU_Ag_103129	YDQSTYLNR	AGAP004519-PA,AGAP004519-PB	-	59	1.21E-05	1	1159.536	-1.54	Midgut	2R:+:57327701-57327727;2R:+:57327701-57327727	exon=> In CDS Exon 1 of transcript AGAP004519-PA;exon=> In CDS Exon 1 of transcript AGAP004519-PB
JHU_Ag_103780	YLYDSAFHPDTGEK	AGAP004519-PA,AGAP004519-PB	-	104	3.81E-10	1	1642.744	3.44	Malpighian tubule	2R:+:57328001-57328042;2R:+:57328001-57328042	exon=> In CDS Exon 2 of transcript AGAP004519-PA;exon=> In CDS Exon 2 of transcript AGAP004519-PB
JHU_Ag_114331	LVPLAAVAAANCINIPLMR	AGAP004519-PA,AGAP004519-PB	C12(Carbamidomethyl), M18(Oxidation)	79	5.43E-08	1	2023.117	-1.14	Ovary	2R:+:57328472-57328528;2R:+:57328472-57328528	exon=> In CDS Exon 3 of transcript AGAP004519-PA;exon=> In CDS Exon 3 of transcript AGAP004519-PB

JHU_Ag_3132	LTAIDSTGQIK	AGAP004520-PA	-	36	0.003005562	2	1146.635	-1.39	Malpighian tubule	2R:-:57331828-57331796	exon=> In CDS Exon 3 of transcript AGAP004520-PA
JHU_Ag_23327	LTAIDSTGQIK	AGAP004520-PA	-	57	2.18E-05	1	1146.642	4.36	Ovary	2R:-:57331828-57331796	exon=> In CDS Exon 3 of transcript AGAP004520-PA
JHU_Ag_30228	STLSEASCGFVFGQNVHER	AGAP004520-PA	C8(Carbamidomethyl)	132	9.24E-13	1	2124.984	3.35	Ovary	2R:-:57332582-57332526	exon=> In CDS Exon 2 of transcript AGAP004520-PA
JHU_Ag_35645	VFLVMSRPEVITK	AGAP004520-PA	M5(Oxidation)	45	0.000119801	1	1534.873	4.37	Ovary	2R:-:57331795-57331876,57331426-57331678	exon=> In CDS Exon 4 and 3 of transcript AGAP004520-PA
JHU_Ag_36734	VFLVMSRPEVITK	AGAP004520-PA	M5(Oxidation)	48	7.50E-05	2	1534.868	0.96	Male reproductive organs	2R:-:57331795-57331876,57331426-57331678	exon=> In CDS Exon 4 and 3 of transcript AGAP004520-PA
JHU_Ag_57425	LTAIDSTGQIK	AGAP004520-PA	-	39	0.001341831	2	1146.639	2.33	Male reproductive organs	2R:-:57331828-57331796	exon=> In CDS Exon 3 of transcript AGAP004520-PA
JHU_Ag_83410	SATDKDGDNSTNSNNIDPLAK	AGAP004520-PA	-	62	8.03E-06	1	2176.997	0.54	Ovary	2R:-:57332696-57332634	exon=> In CDS Exon 2 of transcript AGAP004520-PA
JHU_Ag_89526	DGDNSTNSNNIDPLAK	AGAP004520-PA	N7(Deamidated)	96	2.39E-09	1	1674.758	0.74	Head	2R:-:57332681-57332634	exon=> In CDS Exon 2 of transcript AGAP004520-PA
JHU_Ag_92347	LNDKDNNESR	AGAP004520-PA	-	52	6.74E-05	1	1204.557	1.13	Ovary	2R:-:57332129-57332100	exon=> In CDS Exon 2 of transcript AGAP004520-PA
JHU_Ag_79987	SIDNDAYGADLDKIVNTNR	AGAP004521-PA	-	34	0.005763112	1	2094.018	3.92	Malpighian tubule	2R:+:57335533-57335589	exon=> In CDS Exon 2 of transcript AGAP004521-PA
JHU_Ag_111152	YTPSQQGDAFNSGAK	AGAP004521-PA	-	77	2.29E-07	2	1570.718	3.28	Malpighian tubule	2R:+:57334690-57334734	exon=> In CDS Exon 2 of transcript AGAP004521-PA
JHU_Ag_8116	VNQLKELIQR	AGAP004522-PA	N2(Deamidated),Q3(Deamidated)	33	0.003350231	1	1241.711	-8.18	Salivary gland	2R:+:57348120-57348149	exon=> In CDS Exon 3 of transcript AGAP004522-PA
JHU_Ag_99399	HLEAK	AGAP004522-PA	-	30	0.002936861	1	597.335	-0.41	Head	2R:+:57348640-57348654	exon=> In CDS Exon 5 of transcript AGAP004522-PA
JHU_Ag_462	AKDIVNEQQSVDEIADLWR	AGAP004528-PA	-	84	5.96E-08	1	2229.117	1.1	Midgut	2R:-:57393721-57393901,57393479-57393590	exon=> In CDS Exon 2 and 1 of transcript AGAP004528-PA
JHU_Ag_9040	DIVNEQQSVDEIADLWR	AGAP004528-PA	-	99	2.12E-09	2	2029.986	1.79	Midgut	2R:-:57393715-57393901,57393479-57393590	exon=> In CDS Exon 2 and 1 of transcript AGAP004528-PA
JHU_Ag_10408	GIATEILR	AGAP004528-PA	-	58	2.24E-05	2	872.520	0.52	Visceras	2R:-:57393248-57393225	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_10721	EGSDEIAGMNMLYVSQQSDKEEYQCK	AGAP004528-PA	M9(Oxidation), M11(Oxidation), C25(Carbamidomethyl)	54	1.49E-05	1	3071.288	-1.27	Midgut	2R:-:57393550-57393639,57393018-57393381	exon=> In CDS Exon 3 and 2 of transcript AGAP004528-PA
JHU_Ag_14417	GRGIATEILR	AGAP004528-PA	-	43	0.000373386	2	1085.645	2.36	Malpighian tubule	2R:-:57393254-57393225	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_21240	AVGLPLTSTCFTAIGSQVAAAK	AGAP004528-PA	C10(Carbamidomethyl)	121	4.90E-12	1	2163.149	0.6	Midgut	2R:-:57393203-57393138	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_24321	YGVDKYLGAMGLSVAPNYR	AGAP004528-PA	M10(Oxidation)	84	6.06E-08	1	2090.047	4.45	Malpighian tubule	2R:-:57393311-57393255	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_28582	AGYEETYVVSYEDMAK	AGAP004528-PA	M14(Oxidation)	108	1.12E-10	2	1854.807	-1.61	Midgut	2R:-:57393137-57393090	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_41372	DIVNEQQSVDEIADLWR	AGAP004528-PA	-	68	2.82E-06	2	2029.992	4.56	Malpighian tubule	2R:-:57393715-57393901,57393479-57393590	exon=> In CDS Exon 2 and 1 of transcript AGAP004528-PA
JHU_Ag_42529	AVGLPLTSTCFTAIGSQVAAAK	AGAP004528-PA	C10(Carbamidomethyl)	96	1.91E-09	2	2163.149	0.48	Visceras	2R:-:57393203-57393138	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_68152	KANVYER	AGAP004528-PA	-	43	0.000843545	1	879.470	1.79	Malpighian tubule	2R:-:57393332-57393312	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_78219	AVGLPLTSTCFTAIGSQVAAAK	AGAP004528-PA	C10(Carbamidomethyl)	137	1.28E-13	1	2163.154	2.85	Malpighian tubule	2R:-:57393203-57393138	exon=> In CDS Exon 3 of transcript AGAP004528-PA

JHU_Ag_86793	DIVNEQQSVDEIADLWR	AGAP004528-PA	-	64	6.43E-06	2	2029.989	3.35	Head	2R:-:57393715-57393901,57393479-57393590	exon=> In CDS Exon 2 and 1 of transcript AGAP004528-PA
JHU_Ag_98277	GIATEILR	AGAP004528-PA	-	48	0.000213232	2	872.522	2.06	Malpighian tubule	2R:-:57393248-57393225	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_101464	AVGLPLTSTCFTAIGSQVAAAK	AGAP004528-PA	C10(Carbamidomethyl)	148	1.16E-14	1	2163.141	-3.13	Head	2R:-:57393203-57393138	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_114537	DIVNEQQSVDEIADLWR	AGAP004528-PA	-	116	4.83E-11	1	2029.988	2.69	Visceras	2R:-:57393715-57393901,57393479-57393590	exon=> In CDS Exon 2 and 1 of transcript AGAP004528-PA
JHU_Ag_116665	GIATEILR	AGAP004528-PA	-	52	0.000105277	2	872.520	0.1	Midgut	2R:-:57393248-57393225	exon=> In CDS Exon 3 of transcript AGAP004528-PA
JHU_Ag_14525	VEDLTEDRFDDAIK	AGAP004529-PA	-	69	2.18E-06	1	1665.801	2.69	Malpighian tubule	2R:+:57395670-57395711	exon=> In CDS Exon 1 of transcript AGAP004529-PA
JHU_Ag_17809	VEDLTEDRFDDAIK	AGAP004529-PA	-	60	1.69E-05	1	1665.804	4.3	Midgut	2R:+:57395670-57395711	exon=> In CDS Exon 1 of transcript AGAP004529-PA
JHU_Ag_31857	LYTEHFLDDEPLCSYGR	AGAP004529-PA	C13(Carbamidomethyl)	50	0.000106772	1	2114.949	-0.07	Midgut	2R:+:57395712-57395762	exon=> In CDS Exon 1 of transcript AGAP004529-PA
JHU_Ag_34936	AFGLRLTSTNFTAIGSQIPAAK	AGAP004529-PA	-	36	0.001072657	1	2264.254	6.09	Malpighian tubule	2R:+:57396174-57396239	exon=> In CDS Exon 2 of transcript AGAP004529-PA
JHU_Ag_45679	LTSTNFTAIGSQIPAAK	AGAP004529-PA	-	67	1.52E-06	2	1719.937	5.26	Larva	2R:+:57396189-57396239	exon=> In CDS Exon 2 of transcript AGAP004529-PA
JHU_Ag_47498	HDVTDLIK	AGAP004529-PA	-	37	0.001391524	2	940.508	-1.74	Head	2R:+:57395910-57395927,57395991-57395996	exon=> In CDS Exon 1 and 2 of transcript AGAP004529-PA
JHU_Ag_65445	LYTEHFLDDEPLCSYGR	AGAP004529-PA	C13(Carbamidomethyl)	94	4.86E-09	1	2114.948	-0.26	Malpighian tubule	2R:+:57395712-57395762	exon=> In CDS Exon 1 of transcript AGAP004529-PA
JHU_Ag_66950	LTSTNFTAIGSQIPAAK	AGAP004529-PA	-	94	3.63E-09	2	1719.934	3.84	Malpighian tubule	2R:+:57396189-57396239	exon=> In CDS Exon 2 of transcript AGAP004529-PA
JHU_Ag_75779	YGVDKYLTAYGLSVNSR	AGAP004529-PA	-	63	7.33E-06	1	1905.971	0.23	Malpighian tubule	2R:+:57396066-57396116	exon=> In CDS Exon 2 of transcript AGAP004529-PA
JHU_Ag_84978	SLKLMSLPIE	AGAP004529-PA	M5(Oxidation)	40	0.000794617	1	1146.649	4.39	Malpighian tubule	2R:+:57396411-57396440	exon=> In CDS Exon 3 of transcript AGAP004529-PA
JHU_Ag_85580	GIATEILKAR	AGAP004529-PA	-	46	0.000165726	1	1071.655	2.86	Malpighian tubule	2R:+:57396129-57396158	exon=> In CDS Exon 2 of transcript AGAP004529-PA
JHU_Ag_102913	LTSTNFTAIGSQIPAAK	AGAP004529-PA	-	102	5.88E-10	2	1719.928	0.01	Midgut	2R:+:57396189-57396239	exon=> In CDS Exon 2 of transcript AGAP004529-PA
JHU_Ag_108858	VEDLTEDRFDDAIK	AGAP004529-PA	-	64	6.99E-06	1	1665.799	1.23	Visceras	2R:+:57395670-57395711	exon=> In CDS Exon 1 of transcript AGAP004529-PA
JHU_Ag_115928	LTSTNFTAIGSQIPAAK	AGAP004529-PA	-	63	3.83E-06	2	1719.933	3.27	Pupa	2R:+:57396189-57396239	exon=> In CDS Exon 2 of transcript AGAP004529-PA
JHU_Ag_3625	KGLNIILVSR	AGAP004532-PA	-	48	2.18E-05	2	1112.715	0.07	Salivary gland	2R:+:57450674-57450703	exon=> In CDS Exon 3 of transcript AGAP004532-PA
JHU_Ag_4943	GLNIILVSR	AGAP004532-PA	-	34	0.001402115	2	984.623	2.62	Malpighian tubule	2R:+:57450677-57450703	exon=> In CDS Exon 3 of transcript AGAP004532-PA
JHU_Ag_7729	KVFPWIYQNLIGPK	AGAP004532-PA	-	50	3.28E-05	1	1702.970	1.18	Male reproductive organs	2R:+:57446854-57446895	exon=> In CDS Exon 1 of transcript AGAP004532-PA
JHU_Ag_24884	TMVIAADFTK	AGAP004532-PA	M2(Oxidation)	46	0.000232274	1	1112.566	0.03	Male reproductive organs	2R:+:57450830-57450859	exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_25885	GLNIILVSR	AGAP004532-PA	-	39	0.000476194	2	984.621	0.82	Male reproductive organs	2R:+:57450677-57450703	exon=> In CDS Exon 3 of transcript AGAP004532-PA
JHU_Ag_32691	TMVIAADFTK	AGAP004532-PA	M2(Oxidation)	62	7.04E-06	1	1112.565	-1.07	Ovary	2R:+:57450830-57450859	exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_38381	KGLNIILVSR	AGAP004532-PA	-	75	4.43E-08	1	1112.715	-0.15	Male reproductive organs	2R:+:57450674-57450703	exon=> In CDS Exon 3 of transcript AGAP004532-PA

JHU_Ag_64889	TGEWALITGATDGIGK	AGAP004532-PA	-	86	4.60E-08	1	1589.812	-3.22	Head	2R:+:57446926-57446941,57449493-57449524	exon=> In CDS Exon 1 and 2 of transcript AGAP004532-PA
JHU_Ag_75050	GLNIILVSR	AGAP004532-PA	-	69	5.08E-07	2	984.618	-1.85	Ovary	2R:+:57450677-57450703	exon=> In CDS Exon 3 of transcript AGAP004532-PA
JHU_Ag_88500	KGLNIILVSR	AGAP004532-PA	-	55	4.15E-06	2	1112.717	2.15	Malpighian tubule	2R:+:57450674-57450703	exon=> In CDS Exon 3 of transcript AGAP004532-PA
JHU_Ag_92067	TGEWALITGATDGIGK	AGAP004532-PA	-	68	2.23E-06	2	1589.821	2.7	Ovary	2R:+:57446926-57446941,57449493-57449524	exon=> In CDS Exon 1 and 2 of transcript AGAP004532-PA
JHU_Ag_92342	TGEWALITGATDGIGK	AGAP004532-PA	-	91	1.19E-08	2	1589.823	3.54	Pupa	2R:+:57446926-57446941,57449493-57449524	exon=> In CDS Exon 1 and 2 of transcript AGAP004532-PA
JHU_Ag_104412	TGEWALITGATDGIGK	AGAP004532-PA	-	57	2.81E-05	2	1589.825	4.77	Malpighian tubule	2R:+:57446926-57446941,57449493-57449524	exon=> In CDS Exon 1 and 2 of transcript AGAP004532-PA
JHU_Ag_113955	TMVIAADFTK	AGAP004532-PA	-	36	0.002741198	2	1096.572	0.96	Midgut	2R:+:57450830-57450859	exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_1034	LINNLLSCNILSVTR	AGAP004532-PB,AGAP004532-PA	C8(Carbamidomethyl)	104	2.08E-10	1	1729.966	1.45	Head	2R:+:57450986-57451030;2R:+:57450986-57451030	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_1289	VFANSAISTLGHTR	AGAP004532-PB,AGAP004532-PA	-	71	1.07E-06	2	1473.786	3.58	Pupa	2R:+:57451289-57451330;2R:+:57451289-57451330	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_4871	ITINTMQNIR	AGAP004532-PB,AGAP004532-PA	M6(Oxidation)	40	0.001371708	2	1219.645	-1.38	Head	2R:+:57451415-57451444;2R:+:57451415-57451444	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_6235	TTGYFPHALLELSINALSFVSPR	AGAP004532-PB,AGAP004532-PA	-	65	2.08E-06	1	2533.346	0.3	Ovary	2R:+:57451334-57451402;2R:+:57451334-57451402	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_15361	FSEDLASEYAK	AGAP004532-PB,AGAP004532-PA	-	67	1.77E-06	2	1259.578	-1	Midgut	2R:+:57451163-57451195;2R:+:57451163-57451195	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_20457	LINNLLSCNILSVTR	AGAP004532-PB,AGAP004532-PA	C8(Carbamidomethyl)	95	1.61E-09	2	1729.966	1.67	Midgut	2R:+:57450986-57451030;2R:+:57450986-57451030	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_44053	LINNLLSCNILSVTR	AGAP004532-PB,AGAP004532-PA	C8(Carbamidomethyl)	100	5.96E-10	1	1729.965	1.38	Ovary	2R:+:57450986-57451030;2R:+:57450986-57451030	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_48044	HAGVVINISSLSAVIPAPLLTVYAASK	AGAP004532-PB,AGAP004532-PA	-	25	0.002133346	3	2691.545	0.36	Ovary	2R:+:57451067-57451147;2R:+:57451067-57451147	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_60519	FSEDLASEYAK	AGAP004532-PB,AGAP004532-PA	-	42	0.000578657	2	1259.578	-1.1	Head	2R:+:57451163-57451195;2R:+:57451163-57451195	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_63553	LINNLLSCNILSVTR	AGAP004532-PB,AGAP004532-PA	C8(Carbamidomethyl)	101	3.96E-10	1	1729.971	4.7	Male reproductive organs	2R:+:57450986-57451030;2R:+:57450986-57451030	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_65877	LINNLLSCNILSVTR	AGAP004532-PB,AGAP004532-PA	C8(Carbamidomethyl)	57	8.82E-06	2	1729.977	8.16	Larva	2R:+:57450986-57451030;2R:+:57450986-57451030	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_66400	VFANSAISTLGHTR	AGAP004532-PB,AGAP004532-PA	-	96	3.52E-09	2	1473.780	-0.81	Midgut	2R:+:57451289-57451330;2R:+:57451289-57451330	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA

JHU_Ag_74691	ITINTMQNIR	AGAP004532-PB,AGAP004532-PA	M6(Oxidation)	68	2.24E-06	1	1219.647	0.22	Male reproductive organs	2R:+:57451415-57451444;2R:+:57451415-57451444	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_75074	VFANSAISTLGHTR	AGAP004532-PB,AGAP004532-PA	-	103	6.17E-10	1	1473.786	3.49	Malpighian tubule	2R:+:57451289-57451330;2R:+:57451289-57451330	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_85253	VFANSAISTLGHTR	AGAP004532-PB,AGAP004532-PA	-	103	6.57E-10	2	1473.783	1.5	Male reproductive organs	2R:+:57451289-57451330;2R:+:57451289-57451330	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_91019	ITINTMQNIR	AGAP004532-PB,AGAP004532-PA	M6(Oxidation)	54	6.35E-05	1	1219.646	-0.28	Ovary	2R:+:57451415-57451444;2R:+:57451415-57451444	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_98011	GAEIYEQIQR	AGAP004532-PB,AGAP004532-PA	-	61	1.36E-05	1	1206.611	-0.7	Ovary	2R:+:57450860-57450889;2R:+:57450860-57450889	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_98502	GAEIYEQIQR	AGAP004532-PB,AGAP004532-PA	-	68	3.04E-06	2	1206.613	1.42	Male reproductive organs	2R:+:57450860-57450889;2R:+:57450860-57450889	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_98997	FSEDLASEYAK	AGAP004532-PB,AGAP004532-PA	-	70	9.79E-07	2	1259.580	1.03	Ovary	2R:+:57451163-57451195;2R:+:57451163-57451195	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_105474	LINNLLSCNILSVTR	AGAP004532-PB,AGAP004532-PA	C8(Carbamidomethyl)	49	5.82E-05	2	1729.969	3.57	Malpighian tubule	2R:+:57450986-57451030;2R:+:57450986-57451030	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_106189	HNIVVQSVLPGPVATNMSK	AGAP004532-PB,AGAP004532-PA	M17(Oxidation)	73	4.66E-07	2	2007.069	-0.12	Midgut	2R:+:57451196-57451252;2R:+:57451196-57451252	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_116881	FSEDLASEYAK	AGAP004532-PB,AGAP004532-PA	-	34	0.003322164	1	1259.578	-0.62	Male reproductive organs	2R:+:57451163-57451195;2R:+:57451163-57451195	exon=> In CDS Exon 1 of transcript AGAP004532-PB;exon=> In CDS Exon 4 of transcript AGAP004532-PA
JHU_Ag_2423	ILRGEDHLGIESSISAGLPK	AGAP004533-PA	-	88	9.76E-09	1	2092.141	0.35	Midgut	2R:+:57455478-57455537	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_3655	FGASSYSIAR	AGAP004533-PA	-	54	4.29E-05	2	1058.528	1.47	Visceras	2R:+:57455217-57455246	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_6766	GEDHLGIESSISAGLPK	AGAP004533-PA	-	75	5.01E-07	1	1709.870	-0.12	Ovary	2R:+:57455487-57455537	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_21012	GEDHLGIESSISAGLPK	AGAP004533-PA	-	70	1.46E-06	2	1709.876	3.21	Pupa	2R:+:57455487-57455537	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_24014	ILGWGVENGTK	AGAP004533-PA	N8(Deamidated)	60	1.82E-05	2	1174.611	0.89	Male reproductive organs	2R:+:57455388-57455420	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_27595	AGQNFHPDTSLTYIR	AGAP004533-PA	-	35	0.00556482	1	1719.846	0.77	Malpighian tubule	2R:+:57454659-57454703	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_28225	AGQNFHPDTSLTYIR	AGAP004533-PA	-	47	0.000353241	2	1719.845	0.03	Male reproductive organs	2R:+:57454659-57454703	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_31573	EGVYQHVTGK	AGAP004533-PA	-	39	0.001837046	2	1117.563	-0.58	Pupa	2R:+:57455334-57455363	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_33309	ILGWGVENGTK	AGAP004533-PA	-	42	0.00103477	2	1173.631	3.92	Larva	2R:+:57455388-57455420	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_34365	FREPEILHDLSDGDELPENFDSR	AGAP004533-PA	-	99	1.76E-09	1	2730.279	5.39	Ovary	2R:+:57454737-57454805	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_35676	FIEEINTK	AGAP004533-PA	-	49	0.000192826	1	993.523	-2.51	Ovary	2R:+:57454620-57454643	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_41624	GEDHLGIESSISAGLPK	AGAP004533-PA	-	64	5.82E-06	2	1709.876	3.28	Midgut	2R:+:57455487-57455537	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_42127	EIMTNGPVEGAFTVYEDLLHYK	AGAP004533-PA	-	45	0.000420851	1	2526.225	1.04	Midgut	2R:+:57455268-57455333	exon=> In CDS Exon 1 of transcript AGAP004533-PA

JHU_Ag_46588	ILRGEDHLGIESSISAGLPK	AGAP004533-PA	-	82	2.93E-08	1	2092.153	6.39	Ovary	2R:+:57455478-57455537	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_47403	EQWPNCPTIR	AGAP004533-PA	C6(Carbamidomethyl)	39	0.001553683	1	1300.610	-0.42	Midgut	2R:+:57454806-57454835	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_50261	EGVYQHVTGK	AGAP004533-PA	-	56	3.89E-05	2	1117.559	-4.62	Head	2R:+:57455334-57455363	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_55919	AGQNFHPDTSLTYIR	AGAP004533-PA	-	119	2.19E-11	1	1719.846	0.34	Ovary	2R:+:57454659-57454703	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_62732	EGVYQHVTGK	AGAP004533-PA	-	41	0.00137493	2	1117.565	1.28	Male reproductive organs	2R:+:57455334-57455363	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_65263	CQESYNVPYQK	AGAP004533-PA	C1(Carbamidomethyl)	50	6.92E-05	1	1415.627	0.61	Head	2R:+:57455175-57455207	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_80164	ILGWGVENGTK	AGAP004533-PA	N8(Deamidated)	65	6.07E-06	2	1174.612	1.1	Pupa	2R:+:57455388-57455420	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_83740	FGASSYSIAR	AGAP004533-PA	-	68	1.95E-06	2	1058.526	-0.84	Midgut	2R:+:57455217-57455246	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_86803	FGASSYSIAR	AGAP004533-PA	-	67	2.77E-06	2	1058.526	-0.26	Pupa	2R:+:57455217-57455246	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_86812	FGASSYSIAR	AGAP004533-PA	-	73	6.10E-07	2	1058.528	1.12	Malpighian tubule	2R:+:57455217-57455246	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_89780	EIMTNGPVEGAFTVYEDLLHYK	AGAP004533-PA	M3(Oxidation)	39	0.002179117	1	2542.219	0.78	Ovary	2R:+:57455268-57455333	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_96736	FGASSYSIAR	AGAP004533-PA	-	73	5.63E-07	2	1058.526	-0.84	Male reproductive organs	2R:+:57455217-57455246	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_100603	GEDHLGIESSISAGLPK	AGAP004533-PA	-	36	0.003395093	1	1709.877	3.78	Head	2R:+:57455487-57455537	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_102621	ILGWGVENGTK	AGAP004533-PA	-	77	3.07E-07	1	1173.628	1.17	Midgut	2R:+:57455388-57455420	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_105805	FGASSYSIAR	AGAP004533-PA	-	57	2.25E-05	2	1058.530	3.08	Larva	2R:+:57455217-57455246	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_110178	FREPEILHDLSDGDELPENFDSR	AGAP004533-PA	-	63	7.13E-06	1	2730.274	3.58	Midgut	2R:+:57454737-57454805	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_110320	ILRGEDHLGIESSISAGLPK	AGAP004533-PA	-	52	3.75E-05	1	2092.141	0.7	Male reproductive organs	2R:+:57455478-57455537	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_111282	EGVYQHVTGK	AGAP004533-PA	-	41	0.001219326	2	1117.563	-0.91	Midgut	2R:+:57455334-57455363	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_115559	ILGWGVENGTK	AGAP004533-PA	-	40	0.001833578	1	1173.625	-0.97	Salivary gland	2R:+:57455388-57455420	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_116957	ILGWGVENGTK	AGAP004533-PA	-	41	0.001384521	2	1173.625	-0.97	Visceras	2R:+:57455388-57455420	exon=> In CDS Exon 1 of transcript AGAP004533-PA
JHU_Ag_484	LSSLALSCLAQITSIR	AGAP004535-PA	C8(Carbamidomethyl)	83	2.12E-08	2	1732.969	3.69	Head	2R:+:57459970-57460017	exon=> In CDS Exon 2 of transcript AGAP004535-PA
JHU_Ag_3352	LSSLALSCLAQITSIRR	AGAP004535-PA	C8(Carbamidomethyl)	55	9.88E-06	1	1889.075	5.9	Malpighian tubule	2R:+:57459970-57460020	exon=> In CDS Exon 2 of transcript AGAP004535-PA
JHU_Ag_7643	LILTIPHDDILVYPK	AGAP004535-PA	-	48	2.93E-05	1	1750.018	1.84	Head	2R:+:57462041-57462073,57462136-57462147	exon=> In CDS Exon 6 and 7 of transcript AGAP004535-PA
JHU_Ag_12143	ANSSFSQLFATTILTK	AGAP004535-PA	-	114	4.10E-11	1	1728.919	1.02	Ovary	2R:+:57459280-57459327	exon=> In CDS Exon 2 of transcript AGAP004535-PA
JHU_Ag_17934	LSSLALSCLAQITSIR	AGAP004535-PA	C8(Carbamidomethyl)	110	4.79E-11	1	1732.966	1.78	Ovary	2R:+:57459970-57460017	exon=> In CDS Exon 2 of transcript AGAP004535-PA
JHU_Ag_29260	LILTIPHDDILVYPK	AGAP004535-PA	-	38	0.000276868	1	1750.023	4.46	Malpighian tubule	2R:+:57462041-57462073,57462136-57462147	exon=> In CDS Exon 6 and 7 of transcript AGAP004535-PA
JHU_Ag_32056	TSHGLSDPDNYHEFCR	AGAP004535-PA	C15(Carbamidomethyl)	43	0.000285334	1	1934.808	-0.49	Ovary	2R:+:57460093-57460140	exon=> In CDS Exon 2 of transcript AGAP004535-PA

JHU_Ag_40513	LIASLPYVK	AGAP004535-PA	-	27	0.002913185	2	1003.619	0.08	Ovary	2R:+:57460303-57460329	exon=> In CDS Exon 2 of transcript AGAP004535-PA
JHU_Ag_60263	DINASLK	AGAP004535-PA	-	52	0.000151157	1	760.423	3.69	Malpighian tubule	2R:+:57464017-57464037	exon=> In CDS Exon 11 of transcript AGAP004535-PA
JHU_Ag_69343	IRETVIQSQPVAK	AGAP004535-PA	-	59	5.73E-06	2	1468.850	1.36	Malpighian tubule	2R:+:57463636-57463674	exon=> In CDS Exon 10 of transcript AGAP004535-PA
JHU_Ag_94972	AFITSKLDAVPVIVR	AGAP004535-PA	-	86	2.10E-09	1	1628.981	4.91	Malpighian tubule	2R:+:57460378-57460422	exon=> In CDS Exon 2 of transcript AGAP004535-PA
JHU_Ag_106248	SPEPHYLETYTPEVTK	AGAP004535-PA	-	54	7.38E-05	1	1890.927	8.03	Malpighian tubule	2R:+:57460330-57460377	exon=> In CDS Exon 2 of transcript AGAP004535-PA
JHU_Ag_110348	DKFTQNLLQFR	AGAP004535-PA	-	75	3.19E-07	1	1409.756	1.7	Ovary	2R:+:57463747-57463751,57463986-57464013	exon=> In CDS Exon 10 and 11 of transcript AGAP004535-PA
JHU_Ag_111578	LILTIPHDDILVYPK	AGAP004535-PA	-	43	0.00011021	1	1750.016	0.48	Ovary	2R:+:57462041-57462073,57462136-57462147	exon=> In CDS Exon 6 and 7 of transcript AGAP004535-PA
JHU_Ag_113793	KIITNLK	AGAP004535-PA	-	36	0.000488899	2	829.541	-11.79	Malpighian tubule	2R:+:57460930-57460934,57461018-57461033	exon=> In CDS Exon 2 and 3 of transcript AGAP004535-PA
JHU_Ag_114742	LYGDNALDNVLNMTAK	AGAP004535-PA	M13(Oxidation)	91	1.11E-08	2	1751.866	1.39	Ovary	2R:+:57461993-57462040	exon=> In CDS Exon 6 of transcript AGAP004535-PA
JHU_Ag_115735	MEPELLEILCK	AGAP004535-PA	N-Term(Acetyl), C10(Carbamidomethyl)	50	0.000133904	2	1416.713	1.27	Ovary	2R:+:57459070-57459072,57459139-57459168	exon=> In CDS Exon 1 and 2 of transcript AGAP004535-PA
JHU_Ag_116210	MEPELLEILCK	AGAP004535-PA	N-Term(Acetyl), M1(Oxidation), C10(Carbamidomethyl)	36	0.003965514	2	1432.707	0.29	Ovary	2R:+:57459070-57459072,57459139-57459168	exon=> In CDS Exon 1 and 2 of transcript AGAP004535-PA
JHU_Ag_34956	IEPSQLYGPLLVVQHHPPAK	AGAP004543-PA	-	40	0.000485691	1	2223.227	-0.6	Head	2R:-:57478280-57478221	exon=> In CDS Exon 3 of transcript AGAP004543-PA
JHU_Ag_8495	VSTFGFCEYDPAGGAR	AGAP004546-PA	C7(Carbamidomethyl)	51	8.11E-05	2	1733.766	3.85	Malpighian tubule	2R:+:57516218-57516246,57516325-57516343	exon=> In CDS Exon 2 and 3 of transcript AGAP004546-PA
JHU_Ag_10639	IFSGEYDNPTLEFEK	AGAP004546-PA	-	92	8.60E-09	2	1788.835	1.13	Ovary	2R:+:57517486-57517530	exon=> In CDS Exon 4 of transcript AGAP004546-PA
JHU_Ag_37111	VSTFGFCEYDPAGGAR	AGAP004546-PA	C7(Carbamidomethyl)	51	8.40E-05	2	1733.763	2.23	Ovary	2R:+:57516218-57516246,57516325-57516343	exon=> In CDS Exon 2 and 3 of transcript AGAP004546-PA
JHU_Ag_76403	LVPLEYEDGRGQADTPIGTANSTPAGSAPK	AGAP004546-PA	-	44	0.000525156	1	3012.481	-3.45	Ovary	2R:+:57518338-57518350,57518436-57518512	exon=> In CDS Exon 4 and 5 of transcript AGAP004546-PA
JHU_Ag_4357	LQSPLK	AGAP004551-PA	-	32	0.003083212	1	685.426	2.29	Larva	2R:+:57542163-57542180	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_7559	VPVYVYYESLCPDSARFINEQLYPVAK	AGAP004551-PA	C11(Carbamidomethyl)	80	9.42E-08	1	3220.610	2.41	Malpighian tubule	2R:+:57541719-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_12472	LSVSSFR	AGAP004551-PA	-	43	0.000627921	1	795.436	0.31	Salivary gland	2R:+:57542310-57542330	exon=> In CDS Exon 3 of transcript AGAP004551-PA
JHU_Ag_18078	NLELHLVPFGK	AGAP004551-PA	-	63	2.64E-06	1	1266.721	0.26	Male reproductive organs	2R:+:57541812-57541844	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_22729	LSVSSFR	AGAP004551-PA	-	38	0.001394714	1	795.438	3.01	Larva	2R:+:57542310-57542330	exon=> In CDS Exon 3 of transcript AGAP004551-PA
JHU_Ag_26840	EDLTLDYVNCLMHR	AGAP004551-PA	C10(Carbamidomethyl), M12(Oxidation)	34	0.005279274	1	1794.818	1.69	Larva	2R:+:57541980-57542021	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_29721	VPVYVYYESLCPDSAR	AGAP004551-PA	C11(Carbamidomethyl)	112	1.12E-10	2	1917.905	0.08	Salivary gland	2R:+:57541719-57541766	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_35003	VHACAIQHIQGNSYQPNISK	AGAP004551-PA	C4(Carbamidomethyl)	101	1.35E-09	1	2265.125	2.42	Larva	2R:+:57541920-57541979	exon=> In CDS Exon 2 of transcript AGAP004551-PA

JHU_Ag_39870	FINEQLYPVAK	AGAP004551-PA	-	51	7.97E-05	1	1321.717	1.5	Male reproductive organs	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_43261	NLELHLVPFGK	AGAP004551-PA	-	65	1.21E-06	1	1266.725	3.63	Malpighian tubule	2R:+:57541812-57541844	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_45177	VHACAIQHIQGNSYQPNISK	AGAP004551-PA	C4(Carbamidomethyl)	68	2.74E-06	1	2265.124	2.26	Malpighian tubule	2R:+:57541920-57541979	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_48226	VHACAIQHIQGNSYQPNISKEDLTLDY VNCLMHR	AGAP004551-PA	C4(Carbamidomethyl), C30(Carbamidomethyl), M32(Oxidation)	74	4.02E-07	1	4040.918	0.46	Salivary gland	2R:+:57541920-57542021	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_48360	QTYDDELQKLSVSSFR	AGAP004551-PA	-	86	4.59E-08	1	1915.943	1.6	Salivary gland	2R:+:57542205-57542207,57542286-57542330	exon=> In CDS Exon 2 and 3 of transcript AGAP004551-PA
JHU_Ag_51027	SSYTTQGSDVMFTCHHGENECYGNK	AGAP004551-PA	C14(Carbamidomethyl), C21(Carbamidomethyl)," M11(Oxidation), C14(Carbamidomethyl), C21(Carbamidomethyl)"," Q6(Deamidated), M11(Oxidation), C14(Carbamidomethyl), C21(Carbamidomethyl)"	97	2.31E-10	1	2925.150	-0.48	Head	2R:+:57541845-57541919	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_56823	VPVYVYYESLCPDSAR	AGAP004551-PA	C11(Carbamidomethyl)	87	3.20E-08	1	1917.919	7.01	Larva	2R:+:57541719-57541766	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_57098	LQSPLK	AGAP004551-PA	-	36	0.000707902	1	685.425	0.78	Salivary gland	2R:+:57542163-57542180	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_58284	FINEQLYPVAK	AGAP004551-PA	-	59	1.32E-05	2	1321.720	3.53	Malpighian tubule	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_58724	NLELHLVPFGK	AGAP004551-PA	-	59	6.95E-06	2	1266.723	2.09	Pupa	2R:+:57541812-57541844	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_59831	QTYDDELQK	AGAP004551-PA	-	46	0.000191025	2	1139.522	0.63	Pupa	2R:+:57542205-57542207,57542286-57542309	exon=> In CDS Exon 2 and 3 of transcript AGAP004551-PA
JHU_Ag_60144	VHACAIQHIQGNSYQPNISK	AGAP004551-PA	C4(Carbamidomethyl)	114	6.66E-11	1	2265.119	-0.01	Pupa	2R:+:57541920-57541979	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_63758	FINEQLYPVAK	AGAP004551-PA	Q5(Deamidated),N3(Deamidated)	77	2.08E-07	1	1321.716	0.39	Salivary gland	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_65116	VPVYVYYESLCPDSAR	AGAP004551-PA	C11(Carbamidomethyl)	81	1.12E-07	2	1917.905	-0.11	Head	2R:+:57541719-57541766	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_67956	FINEQLYPVAK	AGAP004551-PA	-	69	1.28E-06	1	1321.716	0.66	Head	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_69205	EDLTLDYVNCLMHR	AGAP004551-PA	C10(Carbamidomethyl), M12(Oxidation)	90	1.38E-08	1	1794.817	1.35	Salivary gland	2R:+:57541980-57542021	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_73312	LQSPLK	AGAP004551-PA	-	34	0.001111664	1	685.425	0.51	Pupa	2R:+:57542163-57542180	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_76810	LSVSSFR	AGAP004551-PA	-	33	0.006410691	1	795.436	-0.29	Head	2R:+:57542310-57542330	exon=> In CDS Exon 3 of transcript AGAP004551-PA
JHU_Ag_79009	VHACAIQHIQGNSYQPNISK	AGAP004551-PA	C4(Carbamidomethyl)	87	3.40E-08	1	2265.122	1.04	Salivary gland	2R:+:57541920-57541979	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_79473	SSYTTQGSDVMFTCHHGENECYGNK	AGAP004551-PA	M11(Oxidation), C14(Carbamidomethyl), C21(Carbamidomethyl)	36	0.00039024	1	2925.161	3.47	Larva	2R:+:57541845-57541919	exon=> In CDS Exon 2 of transcript AGAP004551-PA

JHU_Ag_83779	LSVSSFR	AGAP004551-PA	-	43	0.000622164	1	795.436	0.46	Pupa	2R:+:57542310-57542330	exon=> In CDS Exon 3 of transcript AGAP004551-PA
JHU_Ag_84297	KNLELHLVPFGK	AGAP004551-PA	-	68	3.30E-07	1	1394.814	-1	Salivary gland	2R:+:57541809-57541844	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_84570	FINEQLYPVAK	AGAP004551-PA	-	58	1.74E-05	2	1321.716	1.03	Ovary	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_85223	NLELHLVPFGK	AGAP004551-PA	-	63	1.68E-06	1	1266.726	4.41	Larva	2R:+:57541812-57541844	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_85371	VHACAIQHIQGNSYQPNISK	AGAP004551-PA	C4(Carbamidomethyl)	124	6.02E-12	1	2265.124	2.01	Head	2R:+:57541920-57541979	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_92227	FINEQLYPVAK	AGAP004551-PA	-	60	1.08E-05	1	1321.718	2.14	Visceras	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_92687	QTYDDELQK	AGAP004551-PA	-	42	0.000570169	1	1139.523	1.71	Larva	2R:+:57542205-57542207,57542286-57542309	exon=> In CDS Exon 2 and 3 of transcript AGAP004551-PA
JHU_Ag_94971	VPVYVYYESLCPDSAR	AGAP004551-PA	C11(Carbamidomethyl)	98	2.85E-09	1	1917.912	3.45	Malpighian tubule	2R:+:57541719-57541766	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_99202	FINEQLYPVAK	AGAP004551-PA	-	72	5.69E-07	1	1321.721	4.64	Larva	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_99613	NLELHLVPFGK	AGAP004551-PA	-	80	5.42E-08	1	1266.724	2.57	Head	2R:+:57541812-57541844	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_107750	SSYTTQGSDVMFTCHHGENECYGNK	AGAP004551-PA	M11(Oxidation), C14(Carbamidomethyl), C21(Carbamidomethyl)	33	0.000736411	1	2925.159	2.69	Pupa	2R:+:57541845-57541919	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_108565	FINEQLYPVAK	AGAP004551-PA	-	72	6.91E-07	1	1321.719	2.88	Pupa	2R:+:57541767-57541799	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_109117	SSYTTQGSDVMFTCHHGENECYGNK	AGAP004551-PA	M11(Oxidation), C14(Carbamidomethyl), C21(Carbamidomethyl)	70	1.16E-07	1	2925.149	-0.66	Salivary gland	2R:+:57541845-57541919	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_111934	QTYDDELQKLSVSSFR	AGAP004551-PA	-	83	8.23E-08	1	1915.949	4.66	Malpighian tubule	2R:+:57542205-57542207,57542286-57542330	exon=> In CDS Exon 2 and 3 of transcript AGAP004551-PA
JHU_Ag_117386	NLELHLVPFGK	AGAP004551-PA	-	90	5.75E-09	1	1266.723	2.29	Salivary gland	2R:+:57541812-57541844	exon=> In CDS Exon 2 of transcript AGAP004551-PA
JHU_Ag_117719	QTYDDELQK	AGAP004551-PA	-	51	6.17E-05	1	1139.522	0.74	Salivary gland	2R:+:57542205-57542207,57542286-57542309	exon=> In CDS Exon 2 and 3 of transcript AGAP004551-PA
JHU_Ag_2211	HKQEENLK	AGAP004556-PA	-	37	0.002472171	2	1025.540	2.79	Ovary	2R:+:57588677-57588700	exon=> In CDS Exon 2 of transcript AGAP004556-PA
JHU_Ag_56158	EIGDNPDEELFESAGSGNR	AGAP004556-PA	-	102	5.88E-10	2	2035.891	3.26	Ovary	2R:+:57588854-57588910	exon=> In CDS Exon 2 of transcript AGAP004556-PA
JHU_Ag_59274	TAPLVILNSFSGEGK	AGAP004556-PA	-	81	6.93E-08	1	1532.836	2.94	Ovary	2R:+:57588054-57588098	exon=> In CDS Exon 1 of transcript AGAP004556-PA
JHU_Ag_84547	VEAPVEDEPAAIK	AGAP004556-PA	-	62	9.80E-06	1	1367.708	1.61	Ovary	2R:+:57587685-57587723	exon=> In CDS Exon 1 of transcript AGAP004556-PA
JHU_Ag_30482	LLNAALTTEEYGK	AGAP004557-PA	-	50	0.000126079	2	1422.750	2.02	Ovary	2R:-:57589618-57589580	exon=> In CDS Exon 2 of transcript AGAP004557-PA
JHU_Ag_93255	MNSSHLFQPNR	AGAP004557-PA	N-Term(Acetyl), M1(Oxidation)	37	0.002602159	1	1388.646	5.81	Malpighian tubule	2R:-:57592098-57592066	exon=> In CDS Exon 1 of transcript AGAP004557-PA
JHU_Ag_39761	IPGYDFLFTESK	AGAP004558-PA	-	39	0.001890336	1	1416.705	0.62	Salivary gland	2R:+:57594043-57594078	exon=> In CDS Exon 1 of transcript AGAP004558-PA
JHU_Ag_52719	HLVIEPEDIK	AGAP004558-PA	-	33	0.004546597	2	1192.655	-2.15	Head	2R:+:57594367-57594396	exon=> In CDS Exon 1 of transcript AGAP004558-PA

JHU_Ag_113063	IETSAFQANDEPLLADALAYK	AGAP004558-PA	-	126	3.52E-12	2	2280.141	0.61	Midgut	2R:+:57593551-57593613	exon=> In CDS Exon 1 of transcript AGAP004558-PA
JHU_Ag_3	AQIWDTAGQER	AGAP004559-PH	-	91	1.39E-08	1	1274.612	-0.08	Male reproductive organs	2R:+:57599446-57599478	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_1056	STIGVEFATR	AGAP004559-PH	-	49	0.000162146	1	1080.568	-0.38	Salivary gland	2R:+:57599320-57599349	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_1176	DPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	133	5.41E-13	1	3060.563	1.09	Visceras	2R:+:57599896-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_3226	DPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	101	7.75E-10	1	3060.563	1.01	Midgut	2R:+:57599896-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_4707	DPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	121	9.17E-12	1	3060.556	-1.38	Head	2R:+:57599896-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_5316	HLTYENVER	AGAP004559-PH	-	40	0.001580679	1	1160.568	-0.93	Visceras	2R:+:57599548-57599574	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_5475	STIGVEFATR	AGAP004559-PH	-	66	3.47E-06	2	1080.569	0.75	Ovary	2R:+:57599320-57599349	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_10077	GAVGALLVYDIAK	AGAP004559-PH	-	93	2.35E-09	1	1289.748	1.01	Ovary	2R:+:57599509-57599547	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_11153	FTRNEFNLESK	AGAP004559-PH	-	62	1.01E-05	1	1384.684	-1.33	Malpighian tubule	2R:+:57599287-57599319	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_11957	STIGVEFATR	AGAP004559-PH	-	43	0.000674381	2	1080.569	0.52	Visceras	2R:+:57599320-57599349	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_14267	VVLIGDSGVGK	AGAP004559-PH	-	46	0.000196792	1	1043.611	1.7	Ovary	2R:+:57598181-57598181,57599237-57599268	exon=> In CDS Exon 1 and 2 of transcript AGAP004559-PH
JHU_Ag_15063	QIRDPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	80	6.70E-08	1	3457.801	-0.73	Midgut	2R:+:57599887-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_19031	DDEYDYLFK	AGAP004559-PH	-	34	0.002127526	1	1207.516	0.33	Male reproductive organs	2R:+:57598154-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_22287	QIRDPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	91	5.87E-09	1	3457.802	-0.34	Visceras	2R:+:57599887-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_22290	GNRDDEYDYLFK	AGAP004559-PH	N-Term(Acetyl)	69	9.21E-07	1	1576.691	-0.17	Ovary	2R:+:57598145-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_23797	GAVGALLVYDIAK	AGAP004559-PH	-	73	2.46E-07	2	1289.751	3.37	Malpighian tubule	2R:+:57599509-57599547	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_24280	QIRDPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	134	3.04E-13	1	3457.809	1.57	Head	2R:+:57599887-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_25528	DHADQNIVIMLVGNK	AGAP004559-PH	-	113	6.98E-11	2	1666.863	2.78	Visceras	2R:+:57599593-57599637	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_29033	VVLIGDSGVGK	AGAP004559-PH	-	44	0.000378679	1	1043.609	-0.45	Midgut	2R:+:57598181-57598181,57599237-57599268	exon=> In CDS Exon 1 and 2 of transcript AGAP004559-PH
JHU_Ag_31115	NEFNLESK	AGAP004559-PH	-	46	0.000349839	1	980.468	0.04	Ovary	2R:+:57599296-57599319	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_31401	GAVGALLVYDIAK	AGAP004559-PH	-	89	5.77E-09	1	1289.747	0.63	Salivary gland	2R:+:57599509-57599547	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_34596	VVLIGDSGVGK	AGAP004559-PH	-	42	0.000516349	2	1043.613	2.87	Malpighian tubule	2R:+:57598181-57598181,57599237-57599268	exon=> In CDS Exon 1 and 2 of transcript AGAP004559-PH
JHU_Ag_40029	HLTYENVER	AGAP004559-PH	-	46	0.000376064	1	1160.569	-0.3	Ovary	2R:+:57599548-57599574	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_42901	DHADQNIVIMLVGNK	AGAP004559-PH	M10(Oxidation)	88	2.29E-08	2	1682.855	1.14	Male reproductive organs	2R:+:57599593-57599637	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_43796	NEFNLESK	AGAP004559-PH	-	50	0.000124008	1	980.468	-0.69	Male reproductive organs	2R:+:57599296-57599319	exon=> In CDS Exon 2 of transcript AGAP004559-PH

JHU_Ag_44449	AQIWDTAGQER	AGAP004559-PH	-	87	3.34E-08	1	1274.613	0.31	Visceras	2R:+:57599446-57599478	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_47812	ELRDHADQNIVIMLVGNK	AGAP004559-PH	-	83	5.83E-08	1	2065.088	1.05	Midgut	2R:+:57599584-57599637	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_48450	GNRDDEYDYLFK	AGAP004559-PH	N-Term(Acetyl)	72	5.11E-07	1	1576.692	0.22	Male reproductive organs	2R:+:57598145-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_51957	DPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	89	1.16E-08	1	3060.559	-0.1	Malpighian tubule	2R:+:57599896-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_57071	GAVGALLVYDIAK	AGAP004559-PH	-	111	3.82E-11	2	1289.748	1.01	Head	2R:+:57599509-57599547	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_58162	QIRDPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	44	0.000322358	1	3457.809	1.57	Male reproductive organs	2R:+:57599887-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_64148	STIGVEFATR	AGAP004559-PH	-	50	0.000132563	2	1080.571	2.67	Malpighian tubule	2R:+:57599320-57599349	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_64197	AQIWDTAGQER	AGAP004559-PH	-	59	2.06E-05	2	1274.612	-0.75	Salivary gland	2R:+:57599446-57599478	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_67175	VVLIGDSGVGK	AGAP004559-PH	-	75	2.77E-07	1	1043.609	-0.8	Head	2R:+:57598181-57598181,57599237-57599268	exon=> In CDS Exon 1 and 2 of transcript AGAP004559-PH
JHU_Ag_69034	GNRDDEYDYLFK	AGAP004559-PH	N-Term(Acetyl)	68	1.11E-06	1	1576.689	-1.33	Midgut	2R:+:57598145-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_71849	QIRDPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	124	3.04E-12	1	3457.808	1.21	Ovary	2R:+:57599887-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_72091	VVLIGDSGVGK	AGAP004559-PH	-	69	1.32E-06	1	1043.610	0.18	Male reproductive organs	2R:+:57598181-57598181,57599237-57599268	exon=> In CDS Exon 1 and 2 of transcript AGAP004559-PH
JHU_Ag_72859	NGLSFIETSALDSTNVETAFQNILTEIYR	AGAP004559-PH	N1(Deamidated)	37	0.002588976	3	3247.601	0.25	Midgut	2R:+:57599698-57599773,57599861-57599871	exon=> In CDS Exon 3 and 4 of transcript AGAP004559-PH
JHU_Ag_74639	VVLIGDSGVGK	AGAP004559-PH	-	46	0.000276581	2	1043.610	0.41	Salivary gland	2R:+:57598181-57598181,57599237-57599268	exon=> In CDS Exon 1 and 2 of transcript AGAP004559-PH
JHU_Ag_77636	AVPTDEAKGFAER	AGAP004559-PH	-	62	1.20E-05	1	1390.696	-0.25	Malpighian tubule	2R:+:57599659-57599697	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_78258	GAVGALLVYDIAK	AGAP004559-PH	-	96	1.18E-09	1	1289.747	0.82	Male reproductive organs	2R:+:57599509-57599547	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_78914	AQIWDTAGQER	AGAP004559-PH	-	73	8.68E-07	1	1274.616	2.51	Malpighian tubule	2R:+:57599446-57599478	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_79137	GNRDDEYDYLFK	AGAP004559-PH	N-Term(Acetyl)	73	4.14E-07	1	1576.696	2.85	Head	2R:+:57598145-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_84027	DHADQNIVIMLVGNK	AGAP004559-PH	M10(Oxidation)	82	8.56E-08	1	1666.863	2.71	Head	2R:+:57599593-57599637	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_86952	DPPEGSVIRPNLENIDVKPTNPTTDSVR	AGAP004559-PH	-	117	2.06E-11	1	3060.565	1.81	Male reproductive organs	2R:+:57599896-57599979	exon=> In CDS Exon 4 of transcript AGAP004559-PH
JHU_Ag_87718	GNRDDEYDYLFK	AGAP004559-PH	N-Term(Acetyl)	84	2.83E-08	1	1576.695	2.23	Malpighian tubule	2R:+:57598145-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_88390	GNRDDEYDYLFK	AGAP004559-PH	N-Term(Acetyl)	64	3.01E-06	2	1576.695	2.23	Visceras	2R:+:57598145-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_93969	HLTYENVER	AGAP004559-PH	N6(Deamidated)	56	4.19E-05	1	1160.563	-5.25	Head	2R:+:57599548-57599574	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_98490	AQIWDTAGQER	AGAP004559-PH	-	64	5.26E-06	2	1274.609	-2.57	Midgut	2R:+:57599446-57599478	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_99234	AITSAYYR	AGAP004559-PH	-	40	0.001115343	2	944.485	1.62	Malpighian tubule	2R:+:57599485-57599508	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_101263	GAVGALLVYDIAK	AGAP004559-PH	-	89	5.80E-09	1	1289.748	1.57	Visceras	2R:+:57599509-57599547	exon=> In CDS Exon 3 of transcript AGAP004559-PH

JHU_Ag_104135	GNRDDEYDYLFK	AGAP004559-PH	N-Term(Acetyl)	65	2.40E-06	2	1576.693	0.76	Salivary gland	2R:+:57598145-57598180	exon=> In CDS Exon 1 of transcript AGAP004559-PH
JHU_Ag_105512	STIGVEFATR	AGAP004559-PH	-	83	5.98E-08	1	1080.569	0.41	Male reproductive organs	2R:+:57599320-57599349	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_106367	HLTYENVER	AGAP004559-PH	-	40	0.001754638	1	1160.575	4.75	Malpighian tubule	2R:+:57599548-57599574	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_108032	GAVGALLVYDIAK	AGAP004559-PH	-	82	3.22E-08	2	1289.746	-0.51	Midgut	2R:+:57599509-57599547	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_109738	NEFNLESK	AGAP004559-PH	-	53	6.22E-05	1	980.466	-2.56	Head	2R:+:57599296-57599319	exon=> In CDS Exon 2 of transcript AGAP004559-PH
JHU_Ag_110394	AQIWDTAGQER	AGAP004559-PH	-	79	1.90E-07	1	1274.612	-0.75	Head	2R:+:57599446-57599478	exon=> In CDS Exon 3 of transcript AGAP004559-PH
JHU_Ag_2653	DGDDFDPGAK	AGAP004563-PA	-	52	1.76E-05	1	1036.423	0.96	Midgut	2R:+:57621960-57621989	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_4330	AMTGETELR	AGAP004563-PA	M2(Oxidation)	62	7.26E-06	2	1023.478	0.23	Midgut	2R:+:57622212-57622238	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_10602	MQNIYSSATICPYR	AGAP004563-PA	M1(Oxidation), C11(Carbamidomethyl)	95	3.22E-09	2	1719.782	-0.61	Midgut	2R:+:57620865-57620906	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_12036	LNGYEDYGALWR	AGAP004563-PA	N2(Deamidated)	101	1.06E-09	1	1456.684	-0.84	Midgut	2R:+:57619270-57619305	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_17098	SSFEQDDFVNGMK	AGAP004563-PA	N10(Deamidated), M12(Oxidation),M12(Oxidation)	83	2.42E-08	2	1503.642	0.02	Midgut	2R:+:57621120-57621158	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_21370	ALCIEAGQYDPSQTSGQPLHK	AGAP004563-PA	C3(Carbamidomethyl)	91	1.30E-08	1	2300.097	-0.33	Midgut	2R:+:57620242-57620304	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_30597	YSEQYSTACTK	AGAP004563-PA	C9(Carbamidomethyl)	57	9.42E-06	2	1337.567	-0.84	Midgut	2R:+:57620521-57620553	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_32693	EYVALVNEAAR	AGAP004563-PA	-	66	5.15E-06	2	1234.643	0.05	Midgut	2R:+:57619237-57619269	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_40632	WTLDPELEK	AGAP004563-PA	-	42	0.001073741	2	1130.573	-0.28	Midgut	2R:+:57619117-57619143	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_42607	VAFLPFGLLIDMWR	AGAP004563-PA	M12(Oxidation)	87	1.38E-08	2	1693.913	-0.39	Midgut	2R:+:57621819-57621860	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_52242	LPAQDLTK	AGAP004563-PA	-	42	0.000641543	2	885.503	-0.87	Midgut	2R:+:57620755-57620778	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_54638	QLEFLTQISINKLPAQDLTK	AGAP004563-PA	-	28	0.003964708	1	2300.286	0.13	Midgut	2R:+:57620719-57620778	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_59122	SANVEDYR	AGAP004563-PA	-	52	4.83E-05	2	953.433	0.48	Midgut	2R:+:57618922-57618945	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_60316	VMAESDNYDELEYVWR	AGAP004563-PA	M2(Oxidation)	133	3.21E-13	1	2034.879	2.05	Midgut	2R:+:57619144-57619191	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_61361	EALTEEQMAATLEQYDQDVR	AGAP004563-PA	M8(Oxidation)	58	1.62E-05	2	2356.062	0.24	Midgut	2R:+:57618663-57618722	exon=> In CDS Exon 2 of transcript AGAP004563-PA
JHU_Ag_65933	SVHWSEALK	AGAP004563-PA	-	40	0.001078947	1	1056.547	-0.02	Midgut	2R:+:57622185-57622211	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_67884	SDYKEYVALVNEAAR	AGAP004563-PA	-	110	1.78E-10	1	1727.862	1.39	Midgut	2R:+:57619225-57619269	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_73943	FRNDYYEQHFK	AGAP004563-PA	-	47	0.000181552	1	1546.707	-0.56	Midgut	2R:+:57618889-57618921	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_83782	LFELYGDR	AGAP004563-PA	-	42	0.000612927	2	1012.511	0.8	Midgut	2R:+:57619405-57619428	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_85684	LWSEVEPLYDELHSYVR	AGAP004563-PA	-	116	4.89E-11	1	2135.045	0.35	Midgut	2R:+:57619348-57619398	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_86065	VAFLPFGYLIDMWR	AGAP004563-PA	M12(Oxidation)	101	1.12E-09	1	1743.892	-0.45	Midgut	2R:+:57619999-57620040	exon=> In CDS Exon 3 of transcript AGAP004563-PA

JHU_Ag_86402	VVTCHASAWDFCDR	AGAP004563-PA	C4(Carbamidomethyl), C12(Carbamidomethyl)	52	3.03E-05	1	1723.730	-1.2	Midgut	2R:+:57621501-57621542	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_90123	LGGFQDMGELWR	AGAP004563-PA	M7(Oxidation)	83	6.16E-08	1	1424.661	-1.48	Midgut	2R:+:57621084-57621119	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_96062	LWGELKPFYDELHK	AGAP004563-PA	-	42	0.000834545	1	1774.915	-0.82	Midgut	2R:+:57621162-57621203	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_99430	YHIPYDSQYVSYFIAHILDLQLHK	AGAP004563-PA	-	67	2.15E-06	1	2963.505	-1.29	Midgut	2R:+:57621990-57622061	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_105482	DVSDPIVSR	AGAP004563-PA	-	43	0.000698438	2	987.511	0.07	Midgut	2R:+:57620692-57620718	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_106311	TGATPAFHEAVGDTIALSVATPNHLR	AGAP004563-PA	-	111	9.62E-11	1	2646.360	-1.36	Midgut	2R:+:57619843-57619920	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_107559	DLGTAALPAEK	AGAP004563-PA	-	53	5.17E-05	1	1085.586	2.44	Midgut	2R:+:57618982-57619014	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_108992	AVIEKPPQK	AGAP004563-PA	-	29	0.002119199	1	1009.604	-0.12	Midgut	2R:+:57619657-57619683	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_111232	YFADVDPK	AGAP004563-PA	-	36	0.002417631	1	954.456	-1.25	Midgut	2R:+:57620668-57620691	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_112807	ALLEYFEPLYQFLK	AGAP004563-PA	-	87	2.33E-08	2	1773.947	0.47	Midgut	2R:+:57620428-57620469	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_114307	NDYYEQHFK	AGAP004563-PA	-	41	0.000427748	1	1243.535	-2.12	Midgut	2R:+:57618895-57618921	exon=> In CDS Exon 3 of transcript AGAP004563-PA
JHU_Ag_115377	TKPFENTVDLDITEALK	AGAP004563-PA	-	94	4.41E-09	1	1934.020	4.28	Midgut	2R:+:57621318-57621368	exon=> In CDS Exon 4 of transcript AGAP004563-PA
JHU_Ag_29682	VIEHNGYNSNNYNSDIAILR	AGAP004566-PA	N5(Deamidated),N8(Deamidated),N10(Deamidated)	66	4.03E-06	1	2307.103	1.21	Pupa	2R:-:57639991-57639932	exon=> In CDS Exon 3 of transcript AGAP004566-PA
JHU_Ag_32595	LATVMTIEDK	AGAP004566-PA	M5(Oxidation)	43	0.000935505	2	1136.591	4.1	Larva	2R:-:57639931-57639902	exon=> In CDS Exon 3 of transcript AGAP004566-PA
JHU_Ag_48961	FGTWIR	AGAP004566-PA	-	41	0.00086496	2	779.420	0.3	Pupa	2R:-:57639454-57639437	exon=> In CDS Exon 4 of transcript AGAP004566-PA
JHU_Ag_54703	HVLTAAHCVHGFNR	AGAP004566-PA	C8(Carbamidomethyl)	53	9.09E-05	1	1618.803	0.62	Pupa	2R:-:57640114-57640073	exon=> In CDS Exon 3 of transcript AGAP004566-PA
JHU_Ag_358	APIHDTPSSACSCR	AGAP004571-PA	C11(Carbamidomethyl), C13(Carbamidomethyl)	60	7.40E-06	1	1558.675	1.1	Pupa	2R:+:57661934-57661973,57664020-57664021	exon=> In CDS Exon 1 and 2 of transcript AGAP004571-PA
JHU_Ag_6855	IVGGQATGVNEFPWMAR	AGAP004571-PA	M15(Oxidation)	117	3.60E-11	1	1848.912	3.27	Larva	2R:+:57664049-57664099	exon=> In CDS Exon 2 of transcript AGAP004571-PA
JHU_Ag_9711	YLDWIR	AGAP004571-PA	-	40	0.000909334	2	865.458	1.29	Pupa	2R:+:57665080-57665097	exon=> In CDS Exon 4 of transcript AGAP004571-PA
JHU_Ag_28246	DSCQGDSGGPLIAER	AGAP004571-PA	C3(Carbamidomethyl)	62	6.03E-06	2	1561.698	4.62	Larva	2R:+:57664942-57664986	exon=> In CDS Exon 4 of transcript AGAP004571-PA
JHU_Ag_66987	DSCQGDSGGPLIAER	AGAP004571-PA	C3(Carbamidomethyl)	104	3.31E-10	1	1561.693	1.26	Pupa	2R:+:57664942-57664986	exon=> In CDS Exon 4 of transcript AGAP004571-PA
JHU_Ag_37961	LLDVLR	AGAP004574-PA	-	34	0.002192058	2	728.467	1.09	Malpighian tubule	2R:+:57719176-57719193	exon=> In CDS Exon 3 of transcript AGAP004574-PA
JHU_Ag_48077	LLDVLR	AGAP004574-PA	-	39	0.000727532	1	728.468	1.67	Salivary gland	2R:+:57719176-57719193	exon=> In CDS Exon 3 of transcript AGAP004574-PA
JHU_Ag_78809	LLDVLR	AGAP004574-PA	-	34	0.002243117	1	728.468	1.36	Head	2R:+:57719176-57719193	exon=> In CDS Exon 3 of transcript AGAP004574-PA
JHU_Ag_83871	LLDVLR	AGAP004574-PA	-	36	0.001610097	2	728.467	0.58	Visceras	2R:+:57719176-57719193	exon=> In CDS Exon 3 of transcript AGAP004574-PA
JHU_Ag_94660	LLDVLR	AGAP004574-PA	-	36	0.000709776	2	728.467	0.33	Male reproductive organs	2R:+:57719176-57719193	exon=> In CDS Exon 3 of transcript AGAP004574-PA
JHU_Ag_7035	SPVLEAPIPK	AGAP004576-PA	-	28	0.004810143	2	1050.634	14.29	Ovary	2R:+:57861400-57861429	exon=> In CDS Exon 2 of transcript AGAP004576-PA

JHU_Ag_8786	QVIPPQPQDEHK	AGAP004576-PA	-	39	0.001920271	2	1415.729	0.62	Malpighian tubule	2R:+:57861484-57861519	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_10569	NVYVHVPPEEPTEIVK	AGAP004576-PA	-	72	6.99E-07	1	1849.976	3.57	Malpighian tubule	2R:+:57861352-57861399	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_16008	SPVLEAPIPK	AGAP004576-PA	-	58	6.22E-06	1	1050.621	1.05	Malpighian tubule	2R:+:57861400-57861429	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_43437	APAPPAPIK	AGAP004576-PA	-	41	0.000217682	2	861.521	2.35	Malpighian tubule	2R:+:57861457-57861483	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_64133	QVIPPQPQDEHK	AGAP004576-PA	-	33	0.007391325	1	1415.731	2.5	Midgut	2R:+:57861484-57861519	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_75709	NVYVHVPPEEPTEIVK	AGAP004576-PA	-	72	6.77E-07	1	1849.974	2.35	Midgut	2R:+:57861352-57861399	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_95835	KPEDPAPLEIPVPETTEPNKPEVYFIK	AGAP004576-PA	-	77	1.09E-07	1	3077.625	5.54	Malpighian tubule	2R:+:57861544-57861624	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_115414	NVYVHVPPEEPTEIVK	AGAP004576-PA	-	77	2.58E-07	1	1849.971	0.93	Ovary	2R:+:57861352-57861399	exon=> In CDS Exon 2 of transcript AGAP004576-PA
JHU_Ag_6531	TLVYVLVK	AGAP004576-PA,AGAP000352-PA,AGAP000537-PA	-	28	0.000318442	1	934.601	3.61	Larva	2R:+:57861520-57861543;X:-:6221630-6221607;X:+:9629902-9629925	exon=> In CDS Exon 2 of transcript AGAP004576-PA;exon=> In CDS Exon 2 of transcript AGAP000352-PA;exon=> In CDS Exon 3 of transcript AGAP000537-PA
JHU_Ag_21804	TLVYVLVK	AGAP004576-PA,AGAP000352-PA,AGAP000537-PA	-	29	0.000278631	1	934.600	2.89	Malpighian tubule	2R:+:57861520-57861543;X:-:6221630-6221607;X:+:9629902-9629925	exon=> In CDS Exon 2 of transcript AGAP004576-PA;exon=> In CDS Exon 2 of transcript AGAP000352-PA;exon=> In CDS Exon 3 of transcript AGAP000537-PA
JHU_Ag_115218	TLVYVLVK	AGAP004576-PA,AGAP000352-PA,AGAP000537-PA	-	34	8.13E-05	2	934.598	0.85	Pupa	2R:+:57861520-57861543;X:-:6221630-6221607;X:+:9629902-9629925	exon=> In CDS Exon 2 of transcript AGAP004576-PA;exon=> In CDS Exon 2 of transcript AGAP000352-PA;exon=> In CDS Exon 3 of transcript AGAP000537-PA
JHU_Ag_77526	LTSILK	AGAP004578-PA,AGAP012634-PA	-	24	0.003533804	1	674.444	-0.41	Midgut	2R:+:57877849-57877866;UNKN:-:21825706-21825689	exon=> In CDS Exon 1 of transcript AGAP004578-PA;exon=> In CDS Exon 1 of transcript AGAP012634-PA
JHU_Ag_22586	MDKSSIHDIVLVGGSTR	AGAP004581-PA,AGAP004583-PA	-	81	9.63E-08	1	1814.951	4.35	Malpighian tubule	2R:-:57957146-57957096;2R:-:57978264-57978214	exon=> In CDS Exon 1 of transcript AGAP004581-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_25438	VEIIANDQGNR	AGAP004582-PA,AGAP004192-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	N6(Deamidated),Q8(Deamidated),N10(Deamidated)	79	1.32E-07	1	1228.630	1.19	Salivary gland	2R:-:57972171-57972139;2R:+:51642915-51642947;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA

JHU_Ag_37492	VEIIANDQGNR	AGAP004582-PA,AGAP004192-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	N6(Deamidated),Q8(Deamidated),N10(Deamidated)	67	2.22E-06	2	1228.628	-0.1	Midgut	2R:-:57972171-57972139;2R:+:51642915-51642947;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_46969	VEIIANDQGNR	AGAP004582-PA,AGAP004192-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	-	79	1.24E-07	1	1228.632	2.88	Malpighian tubule	2R:-:57972171-57972139;2R:+:51642915-51642947;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_57850	VEIIANDQGNR	AGAP004582-PA,AGAP004192-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	-	68	1.81E-06	1	1228.628	-0.1	Head	2R:-:57972171-57972139;2R:+:51642915-51642947;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_70608	VEIIANDQGNR	AGAP004582-PA,AGAP004192-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	N6(Deamidated),Q8(Deamidated),N10(Deamidated)	75	3.26E-07	1	1228.626	-1.69	Pupa	2R:-:57972171-57972139;2R:+:51642915-51642947;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_112643	VEIIANDQGNR	AGAP004582-PA,AGAP004192-PA,AGAP012891-PA,AGAP002076-PA,AGAP004583-PA	-	52	5.45E-05	1	1228.632	3.08	Male reproductive organs	2R:-:57972171-57972139;2R:+:51642915-51642947;UNKN:-:36954732-36954700;2R:+:14828825-14828857;2R:-:57979167-57979135	exon=> In CDS Exon 1 of transcript AGAP004582-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_9893	IINEPTAAALAYGLDK	AGAP004583-PA	-	127	2.19E-12	1	1659.899	2.07	Pupa	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_17670	IINEPTAAALAYGLDK	AGAP004583-PA	-	105	3.10E-10	2	1659.895	0.01	Male reproductive organs	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_37617	IINEPTAAALAYGLDK	AGAP004583-PA	-	144	4.01E-14	1	1659.897	1.19	Salivary gland	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA

JHU_Ag_74951	IINEPTAAALAYGLDK	AGAP004583-PA	-	139	1.31E-13	1	1659.900	2.88	Malpighian tubule	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_80851	IINEPTAAALAYGLDK	AGAP004583-PA	-	144	3.69E-14	1	1659.896	0.16	Midgut	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_89762	IINEPTAAALAYGLDK	AGAP004583-PA	-	140	9.44E-14	1	1659.899	2.29	Visceras	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_95756	IINEPTAAALAYGLDK	AGAP004583-PA	-	128	1.51E-12	1	1659.905	5.6	Ovary	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_112580	IINEPTAAALAYGLDK	AGAP004583-PA	-	125	2.96E-12	1	1659.901	3.54	Head	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_115337	IINEPTAAALAYGLDK	AGAP004583-PA	-	81	7.11E-08	1	1659.903	4.87	Larva	2R:-:57978729-57978682	exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_103915	IVELDGPAPIYVADVLINRR	AGAP004584-PA	-	62	1.25E-06	1	2223.263	5.78	Malpighian tubule	2R:-:57981004-57980945	exon=> In CDS Exon 1 of transcript AGAP004584-PA
JHU_Ag_11565	DRLEAIFR	AGAP004585-PA	-	49	0.000180526	1	1019.562	-1.05	Ovary	2R:+:57993010-57993033	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_24154	LTCLLHPQDFVLGLGDLSGEIMR	AGAP004585-PA	C3(Carbamidomethyl), M22(Oxidation)	112	8.23E-11	1	2600.325	1.25	Ovary	2R:+:57993331-57993399	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_24242	GRDHENVAVDENNPIIQCFR	AGAP004585-PA	C18(Carbamidomethyl)	101	1.22E-09	1	2383.137	6.56	Ovary	2R:+:57989637-57989696	exon=> In CDS Exon 1 of transcript AGAP004585-PA
JHU_Ag_33638	SIAEKPLNEPTDAEPDEQKR	AGAP004585-PA	-	85	5.70E-08	1	2267.117	1.01	Malpighian tubule	2R:+:57993241-57993300	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_39490	DHENVAVDENNPIIQCFR	AGAP004585-PA	C16(Carbamidomethyl)	119	1.47E-11	1	2170.001	1.26	Ovary	2R:+:57989643-57989696	exon=> In CDS Exon 1 of transcript AGAP004585-PA
JHU_Ag_43283	GFLSVTSIR	AGAP004585-PA	-	69	9.65E-07	2	979.557	0.21	Male reproductive organs	2R:+:57993478-57993504	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_45296	KLTYSSDQNVDSPSNAR	AGAP004585-PA	-	85	4.86E-08	1	1881.908	7.56	Malpighian tubule	2R:+:57993190-57993240	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_62765	NHFVNIAK	AGAP004585-PA	-	44	0.000318727	1	942.516	0.65	Ovary	2R:+:57993034-57993057	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_63852	EYATILDAK	AGAP004585-PA	-	38	0.001844633	2	1023.535	-0.76	Ovary	2R:+:57989697-57989723	exon=> In CDS Exon 1 of transcript AGAP004585-PA
JHU_Ag_65892	GFLSVTSIR	AGAP004585-PA	-	64	3.58E-06	2	979.558	0.77	Ovary	2R:+:57993478-57993504	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_75674	LTYSSDQNVDSPSNAR	AGAP004585-PA	-	91	1.12E-08	2	1753.804	2.9	Malpighian tubule	2R:+:57993193-57993240	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_90991	IIFLLHTIDPR	AGAP004585-PA	-	39	0.000225444	1	1337.795	0.43	Ovary	2R:+:57989784-57989815,57992973-57992973	exon=> In CDS Exon 1 and 2 of transcript AGAP004585-PA
JHU_Ag_106536	SIAEKPLNEPTDAEPDEQKR	AGAP004585-PA	-	129	2.13E-12	1	2267.111	-1.73	Ovary	2R:+:57993241-57993300	exon=> In CDS Exon 2 of transcript AGAP004585-PA
JHU_Ag_75253	MYTLLSGFYK	AGAP004586-PB	N-Term(Acetyl), M1(Oxidation)	48	0.000275896	2	1280.623	0.23	Male reproductive organs	2R:-:58117235-58117206	exon=> In CDS Exon 1 of transcript AGAP004586-PB
JHU_Ag_56701	EAQILER	AGAP004588-PA	Q3(Deamidated)	42	0.001244504	1	859.452	0.07	Salivary gland	2R:+:58124423-58124443	exon=> In CDS Exon 3 of transcript AGAP004588-PA
JHU_Ag_75816	EAQILER	AGAP004588-PA	Q3(Deamidated)	45	0.000629501	2	859.452	0.21	Midgut	2R:+:58124423-58124443	exon=> In CDS Exon 3 of transcript AGAP004588-PA
JHU_Ag_97838	EAQILER	AGAP004588-PA	Q3(Deamidated)	41	0.001439368	2	859.452	-0.57	Malpighian tubule	2R:+:58124423-58124443	exon=> In CDS Exon 3 of transcript AGAP004588-PA
JHU_Ag_13605	GGAIVAELLDNAIR	AGAP004591-PA	-	57	1.34E-05	2	1411.796	3.81	Pupa	2R:+:58132314-58132355	exon=> In CDS Exon 3 of transcript AGAP004591-PA
JHU_Ag_93031	GGAIVAELLDNAIR	AGAP004591-PA	-	86	1.56E-08	2	1411.796	3.81	Head	2R:+:58132314-58132355	exon=> In CDS Exon 3 of transcript AGAP004591-PA

JHU_Ag_6420	VVVEPAR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	48	5.35E-05	2	769.454	-3.81	Salivary gland	2R:-:58141436-58141416;2R:-:58141436-58141416;2R:-:58141436-58141416;2R:-:58141436-58141416	exon=> In CDS Exon 3 of transcript AGAP004592-PG;exon=> In CDS Exon 3 of transcript AGAP004592-PB;exon=> In CDS Exon 3 of transcript AGAP004592-PH;exon=> In CDS Exon 3 of transcript AGAP004592-PE;exon=> In CDS Exon 3 of transcript AGAP004592-PD
JHU_Ag_6648	LVVENLSTR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	52	6.41E-05	1	1030.591	1.28	Malpighian tubule	2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166	exon=> In CDS Exon 4 of transcript AGAP004592-PG;exon=> In CDS Exon 4 of transcript AGAP004592-PB;exon=> In CDS Exon 4 of transcript AGAP004592-PH;exon=> In CDS Exon 4 of transcript AGAP004592-PE;exon=> In CDS Exon 4 of transcript AGAP004592-PD
JHU_Ag_9332	LVVENLSTR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	53	6.22E-05	2	1030.589	-0.14	Pupa	2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166	exon=> In CDS Exon 4 of transcript AGAP004592-PG;exon=> In CDS Exon 4 of transcript AGAP004592-PB;exon=> In CDS Exon 4 of transcript AGAP004592-PH;exon=> In CDS Exon 4 of transcript AGAP004592-PE;exon=> In CDS Exon 4 of transcript AGAP004592-PD
JHU_Ag_9869	DADDAVYELNGK	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	N10(Deamidated)	61	1.02E-05	2	1309.592	1.05	Malpighian tubule	2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542	exon=> In CDS Exon 2 of transcript AGAP004592-PG;exon=> In CDS Exon 2 of transcript AGAP004592-PB;exon=> In CDS Exon 2 of transcript AGAP004592-PH;exon=> In CDS Exon 2 of transcript AGAP004592-PE;exon=> In CDS Exon 2 of transcript AGAP004592-PD
JHU_Ag_16720	DADDAVYELNGK	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	38	0.002366491	2	1309.597	4.87	Midgut	2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542	exon=> In CDS Exon 2 of transcript AGAP004592-PG;exon=> In CDS Exon 2 of transcript AGAP004592-PB;exon=> In CDS Exon 2 of transcript AGAP004592-PH;exon=> In CDS Exon 2 of transcript AGAP004592-PE;exon=> In CDS Exon 2 of transcript AGAP004592-PD

JHU_Ag_17897	LVVENLSTR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	57	2.24E-05	2	1030.587	-2.51	Salivary gland	2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166	exon=> In CDS Exon 4 of transcript AGAP004592-PG;exon=> In CDS Exon 4 of transcript AGAP004592-PB;exon=> In CDS Exon 4 of transcript AGAP004592-PH;exon=> In CDS Exon 4 of transcript AGAP004592-PE;exon=> In CDS Exon 4 of transcript AGAP004592-PD
JHU_Ag_26940	LVVENLSTR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	36	0.002807 21	2	1030.592	2.58	Larva	2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166	exon=> In CDS Exon 4 of transcript AGAP004592-PG;exon=> In CDS Exon 4 of transcript AGAP004592-PB;exon=> In CDS Exon 4 of transcript AGAP004592-PH;exon=> In CDS Exon 4 of transcript AGAP004592-PE;exon=> In CDS Exon 4 of transcript AGAP004592-PD
JHU_Ag_27612	LVVENLSTR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	43	0.000529 663	2	1030.588	-0.97	Head	2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166	exon=> In CDS Exon 4 of transcript AGAP004592-PG;exon=> In CDS Exon 4 of transcript AGAP004592-PB;exon=> In CDS Exon 4 of transcript AGAP004592-PH;exon=> In CDS Exon 4 of transcript AGAP004592-PE;exon=> In CDS Exon 4 of transcript AGAP004592-PD
JHU_Ag_29842	DADDAVYELNGK	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	N10(Deamidated)	91	8.36E-09	1	1310.575	0.21	Ovary	2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542	exon=> In CDS Exon 2 of transcript AGAP004592-PG;exon=> In CDS Exon 2 of transcript AGAP004592-PB;exon=> In CDS Exon 2 of transcript AGAP004592-PH;exon=> In CDS Exon 2 of transcript AGAP004592-PE;exon=> In CDS Exon 2 of transcript AGAP004592-PD
JHU_Ag_32407	VVVEPAR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	37	0.000845 372	2	769.457	0	Ovary	2R:-:58141436-58141416;2R:-:58141436-58141416;2R:-:58141436-58141416;2R:-:58141436-58141416	exon=> In CDS Exon 3 of transcript AGAP004592-PG;exon=> In CDS Exon 3 of transcript AGAP004592-PB;exon=> In CDS Exon 3 of transcript AGAP004592-PH;exon=> In CDS Exon 3 of transcript AGAP004592-PE;exon=> In CDS Exon 3 of transcript AGAP004592-PD

JHU_Ag_48731	DADDAVYELNGK	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	N10(Deamidated)	61	8.13E-06	2	1310.575	0.39	Salivary gland	2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542	exon=> In CDS Exon 2 of transcript AGAP004592-PG;exon=> In CDS Exon 2 of transcript AGAP004592-PB;exon=> In CDS Exon 2 of transcript AGAP004592-PH;exon=> In CDS Exon 2 of transcript AGAP004592-PE;exon=> In CDS Exon 2 of transcript AGAP004592-PD
JHU_Ag_55210	NGYGFVEFEDYR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	N1(Deamidated)	108	7.71E-11	1	1496.633	0.22	Ovary	2R:-:58141687-58141795,58141525-58141578;2R:-:58141687-58141795,58141525-58141578;2R:-:58141687-58141795,58141525-58141578;2R:-:58141687-58141795,58141525-58141578	exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PG;exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PH;exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PE;exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PD
JHU_Ag_58120	TRDILIK	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	42	0.000398093	1	858.542	1.69	Malpighian tubule	2R:-:58141708-58141688;2R:-:58141708-58141688;2R:-:58141708-58141688;2R:-:58141708-58141688	exon=> In CDS Exon 1 of transcript AGAP004592-PG;exon=> In CDS Exon 1 of transcript AGAP004592-PB;exon=> In CDS Exon 1 of transcript AGAP004592-PH;exon=> In CDS Exon 1 of transcript AGAP004592-PE;exon=> In CDS Exon 1 of transcript AGAP004592-PD
JHU_Ag_86394	LVVENLSTR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	67	2.20E-06	1	1030.589	-0.38	Ovary	2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166	exon=> In CDS Exon 4 of transcript AGAP004592-PG;exon=> In CDS Exon 4 of transcript AGAP004592-PB;exon=> In CDS Exon 4 of transcript AGAP004592-PH;exon=> In CDS Exon 4 of transcript AGAP004592-PE;exon=> In CDS Exon 4 of transcript AGAP004592-PD
JHU_Ag_87164	LVVENLSTR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	43	0.000544847	2	1030.592	2.47	Male reproductive organs	2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166;2R:-:58141192-58141166	exon=> In CDS Exon 4 of transcript AGAP004592-PG;exon=> In CDS Exon 4 of transcript AGAP004592-PB;exon=> In CDS Exon 4 of transcript AGAP004592-PH;exon=> In CDS Exon 4 of transcript AGAP004592-PE;exon=> In CDS Exon 4 of transcript AGAP004592-PD

JHU_Ag_97072	VYVGGLPYGVR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	45	0.000259 04	1	1179.654	1.38	Malpighian tubule	2R:-:58141780-58141748;2R:-:58141780-58141748;2R:-:58141780-58141748;2R:-:58141780-58141748	exon=> In CDS Exon 1 of transcript AGAP004592-PG;exon=> In CDS Exon 1 of transcript AGAP004592-PB;exon=> In CDS Exon 1 of transcript AGAP004592-PH;exon=> In CDS Exon 1 of transcript AGAP004592-PE;exon=> In CDS Exon 1 of transcript AGAP004592-PD
JHU_Ag_104214	VYVGGLPYGVR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	68	1.18E-06	1	1179.653	0.75	Ovary	2R:-:58141780-58141748;2R:-:58141780-58141748;2R:-:58141780-58141748;2R:-:58141780-58141748	exon=> In CDS Exon 1 of transcript AGAP004592-PG;exon=> In CDS Exon 1 of transcript AGAP004592-PB;exon=> In CDS Exon 1 of transcript AGAP004592-PH;exon=> In CDS Exon 1 of transcript AGAP004592-PE;exon=> In CDS Exon 1 of transcript AGAP004592-PD
JHU_Ag_111424	TRDILIK	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	42	0.000486 769	1	858.531	-11.73	Ovary	2R:-:58141708-58141688;2R:-:58141708-58141688;2R:-:58141708-58141688;2R:-:58141708-58141688	exon=> In CDS Exon 1 of transcript AGAP004592-PG;exon=> In CDS Exon 1 of transcript AGAP004592-PB;exon=> In CDS Exon 1 of transcript AGAP004592-PH;exon=> In CDS Exon 1 of transcript AGAP004592-PE;exon=> In CDS Exon 1 of transcript AGAP004592-PD
JHU_Ag_113424	DADDAVYELNGK	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	N10(Deamidated)	74	4.01E-07	2	1310.576	0.95	Head	2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542;2R:-:58141577-58141542	exon=> In CDS Exon 2 of transcript AGAP004592-PG;exon=> In CDS Exon 2 of transcript AGAP004592-PB;exon=> In CDS Exon 2 of transcript AGAP004592-PH;exon=> In CDS Exon 2 of transcript AGAP004592-PE;exon=> In CDS Exon 2 of transcript AGAP004592-PD
JHU_Ag_115160	VVVEPAR	AGAP004592-PG,AGAP004592-PB,AGAP004592-PH,AGAP004592-PE,AGAP004592-PD	-	36	0.001076 584	1	769.456	-0.38	Malpighian tubule	2R:-:58141436-58141416;2R:-:58141436-58141416;2R:-:58141436-58141416;2R:-:58141436-58141416	exon=> In CDS Exon 3 of transcript AGAP004592-PG;exon=> In CDS Exon 3 of transcript AGAP004592-PB;exon=> In CDS Exon 3 of transcript AGAP004592-PH;exon=> In CDS Exon 3 of transcript AGAP004592-PE;exon=> In CDS Exon 3 of transcript AGAP004592-PD
JHU_Ag_79675	VSWQDLKDYMR	AGAP004592-PH,AGAP004592-PE	-	69	1.89E-06	1	1440.695	0.8	Malpighian tubule	2R:-:58141165-58141235,581363 05-58136358;2R:-:58141165-58141253,581363 05-58136358	exon=> In CDS Exon 5 and 4 of transcript AGAP004592-PH;exon=> In CDS Exon 5 and 4 of transcript AGAP004592-PE

JHU_Ag_13977	KNEGVVEFATLSDMK	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	M14(Oxidation)	79	1.93E-07	1	1683.826	0.25	Ovary	2R:-:58136315-58136363,58135930-58136190;2R:-:58136315-58136378,58135930-58136190	exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PI;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PH;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PE
JHU_Ag_50048	NEGVVEFATLSDMK	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	M13(Oxidation)	121	1.19E-11	1	1555.730	-0.51	Ovary	2R:-:58136312-58136363,58135930-58136190;2R:-:58136312-58136378,58135930-58136190	exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PI;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PH;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PE
JHU_Ag_63360	QAGEVTYADAHK	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	-	35	0.004070462	1	1289.612	-0.47	Malpighian tubule	2R:-:58136357-58136322;2R:-:58136357-58136322;2R:-:58136357-58136322	exon=> In CDS Exon 1 of transcript AGAP004592-PI;exon=> In CDS Exon 5 of transcript AGAP004592-PH;exon=> In CDS Exon 5 of transcript AGAP004592-PE
JHU_Ag_73128	LDDTELNGR	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	-	60	1.40E-05	2	1032.496	0.68	Ovary	2R:-:58136174-58136148;2R:-:58136174-58136148;2R:-:58136174-58136148	exon=> In CDS Exon 2 of transcript AGAP004592-PI;exon=> In CDS Exon 6 of transcript AGAP004592-PH;exon=> In CDS Exon 6 of transcript AGAP004592-PE
JHU_Ag_88274	NEGVVEFATLSDMK	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	-	56	3.13E-05	2	1539.741	3.08	Head	2R:-:58136312-58136363,58135930-58136190;2R:-:58136312-58136378,58135930-58136190	exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PI;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PH;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PE
JHU_Ag_88292	QAGEVTYADAHK	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	-	82	7.83E-08	1	1289.611	-1.13	Ovary	2R:-:58136357-58136322;2R:-:58136357-58136322;2R:-:58136357-58136322	exon=> In CDS Exon 1 of transcript AGAP004592-PI;exon=> In CDS Exon 5 of transcript AGAP004592-PH;exon=> In CDS Exon 5 of transcript AGAP004592-PE
JHU_Ag_117011	KNEGVVEFATLSDMK	AGAP004592-PI,AGAP004592-PH,AGAP004592-PE	M14(Oxidation)	41	0.001193585	2	1683.830	2.72	Larva	2R:-:58136315-58136363,58135930-58136190;2R:-:58136315-58136378,58135930-58136190	exon=> In CDS Exon 2 and 1 of transcript AGAP004592-PI;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PH;exon=> In CDS Exon 6 and 5 of transcript AGAP004592-PE
JHU_Ag_140	KLNDLIK	AGAP004593-PA	-	41	0.000450146	2	843.533	3.21	Malpighian tubule	2R:+:58145083-58145103	exon=> In CDS Exon 1 of transcript AGAP004593-PA

JHU_Ag_1323	GGAFDGVEDVVSPFGYR	AGAP004593-PA	-	83	5.93E-08	1	1771.822	-3.53	Male reproductive organs	2R:+:58145440-58145440,58162463-58162512	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_2509	MPLIEVVDR	AGAP004593-PA	M1(Oxidation)	66	3.82E-06	1	1087.583	0.82	Malpighian tubule	2R:+:58145332-58145358	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_2518	EHQVSIGDLPDIK	AGAP004593-PA	-	86	3.98E-08	1	1450.757	2.36	Head	2R:+:58145239-58145277	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_4012	LEDSDFDAKPMILLVGQYSTGK	AGAP004593-PA	M11(Oxidation)	65	4.26E-06	1	2443.213	2.86	Salivary gland	2R:+:58144354-58144419	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_5587	VYIGSFWDQPLR	AGAP004593-PA	-	103	7.72E-10	1	1480.762	2.45	Malpighian tubule	2R:+:58144960-58144995	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_6222	AISIVDTPGILSGEK	AGAP004593-PA	-	42	0.000458871	2	1499.835	2.33	Midgut	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_6415	LDISDEFR	AGAP004593-PA	-	49	0.000165626	2	994.487	2.95	Salivary gland	2R:+:58144786-58144809	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_7176	VHAYLISELRK	AGAP004593-PA	-	79	8.17E-08	1	1328.768	-0.51	Ovary	2R:+:58145122-58145154	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_7350	LSDYDQDGFLDIEEFALAMHLINVK	AGAP004593-PA	M19(Oxidation)	122	8.98E-12	1	2912.409	2.18	Ovary	2R:+:58163009-58163083	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_9905	YGNAFLNR	AGAP004593-PA	-	72	6.75E-07	2	954.479	-0.75	Head	2R:+:58144588-58144611	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_10048	VYGALMWSLGK	AGAP004593-PA	M6(Oxidation)	56	3.02E-05	2	1240.639	-0.15	Ovary	2R:+:58144900-58144932	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_11456	AISIVDTPGILSGEK	AGAP004593-PA	-	78	1.16E-07	2	1499.832	0.14	Male reproductive organs	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_12322	YGNAFLNRFQCSHVPSPVLR	AGAP004593-PA	C11(Carbamidomethyl)	35	0.004907 53	1	2362.186	-0.63	Malpighian tubule	2R:+:58144588-58144647	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_12386	FQCSHVPSPVLR	AGAP004593-PA	C3(Carbamidomethyl)	46	0.000363 8	2	1426.727	0.57	Ovary	2R:+:58144612-58144647	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_12419	IILLFDAHK	AGAP004593-PA	-	54	1.64E-05	1	1069.640	-0.58	Ovary	2R:+:58144759-58144785	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_12756	ETKTEEVVENVLGELK	AGAP004593-PA	-	82	7.71E-08	1	1816.960	3.1	Malpighian tubule	2R:+:58144237-58144284	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_15656	IILLFDAHK	AGAP004593-PA	-	54	1.71E-05	1	1069.638	-2.3	Male reproductive organs	2R:+:58144759-58144785	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_15864	LDISDEFR	AGAP004593-PA	-	35	0.004296631	2	994.487	2.71	Malpighian tubule	2R:+:58144786-58144809	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_16991	TDPIFESLGPVDGK	AGAP004593-PA	-	81	1.38E-07	2	1474.746	2.65	Midgut	2R:+:58162579-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_17203	KGEGIDAGYGEVDWICNR	AGAP004593-PA	C16(Carbamidomethyl)	95	4.05E-09	1	2038.930	0.51	Midgut	2R:+:58162513-58162566	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_17860	LFEDEEQDLFRDLQSLPR	AGAP004593-PA	-	143	7.42E-14	1	2250.112	3.82	Ovary	2R:+:58145014-58145067	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_18713	MQEVLANQDFTK	AGAP004593-PA	M1(Oxidation)	56	3.33E-05	1	1439.685	1.23	Salivary gland	2R:+:58145281-58145316	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_19200	MPLIEVVDR	AGAP004593-PA	M1(Oxidation)	57	2.97E-05	1	1087.581	-0.75	Midgut	2R:+:58145332-58145358	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_19273	SKLPNNVLSK	AGAP004593-PA	-	40	0.000733883	2	1099.649	1.54	Ovary	2R:+:58162970-58162999	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_19349	MPLIEVVDR	AGAP004593-PA	M1(Oxidation)	44	0.000631115	2	1087.582	0.26	Male reproductive organs	2R:+:58145332-58145358	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_19911	NLGTIYDR	AGAP004593-PA	-	50	0.000121591	1	951.490	0.17	Malpighian tubule	2R:+:58145206-58145229	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_20969	AISIVDTPGILSGEK	AGAP004593-PA	-	81	6.31E-08	1	1499.832	0.46	Malpighian tubule	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA

JHU_Ag_21340	MDGNELPTALPLHLVPPSK	AGAP004593-PA	M1(Oxidation)	111	6.62E-11	1	2029.081	1.29	Malpighian tubule	2R:+:58163084-58163140	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_21942	DLQSLPR	AGAP004593-PA	-	33	0.003542316	1	828.459	1.42	Salivary gland	2R:+:58145047-58145067	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_22194	TDPIFESLGPVDGK	AGAP004593-PA	-	68	2.47E-06	2	1474.741	-0.99	Malpighian tubule	2R:+:58162579-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_22976	FQCSHVPSPVLR	AGAP004593-PA	C3(Carbamidomethyl)	62	8.01E-06	1	1426.729	2.2	Head	2R:+:58144612-58144647	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_23001	EHQVSIGDLPDIKK	AGAP004593-PA	-	99	1.38E-09	1	1578.854	3.33	Malpighian tubule	2R:+:58145239-58145280	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_24155	VYGALMWSLGK	AGAP004593-PA	M6(Oxidation)	76	3.28E-07	2	1240.639	-0.45	Midgut	2R:+:58144900-58144932	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_24674	IILLFDAHK	AGAP004593-PA	-	54	1.15E-05	1	1069.643	2.15	Head	2R:+:58144759-58144785	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_25630	VLQTPEVAR	AGAP004593-PA	-	33	0.003414316	2	1012.580	1	Head	2R:+:58144933-58144959	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_27728	LSDYDQDGFLDIEEFALAMHLINVK	AGAP004593-PA	M19(Oxidation)	104	6.07E-10	1	2912.409	2.24	Malpighian tubule	2R:+:58163009-58163083	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_29219	GGAFDGVEDVVSPFGYR	AGAP004593-PA	-	108	2.03E-10	1	1771.835	3.57	Ovary	2R:+:58145440-58145440,58162463-58162512	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_29820	IILLFDAHK	AGAP004593-PA	-	54	1.14E-05	1	1069.645	3.95	Salivary gland	2R:+:58144759-58144785	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_31832	VYIGSFWDQPLR	AGAP004593-PA	-	87	2.85E-08	1	1480.755	-2	Salivary gland	2R:+:58144960-58144995	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_32809	TEEVVENVLGELK	AGAP004593-PA	-	73	6.26E-07	2	1458.772	2.37	Salivary gland	2R:+:58144246-58144284	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_33479	AISIVDTPGILSGEK	AGAP004593-PA	-	89	8.58E-09	1	1499.834	1.68	Visceras	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_35866	RLFEDEEQDLFR	AGAP004593-PA	-	75	4.97E-07	1	1596.766	0.13	Midgut	2R:+:58145011-58145046	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_36189	DLQSLPR	AGAP004593-PA	-	32	0.004912237	2	828.457	-0.28	Malpighian tubule	2R:+:58145047-58145067	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_36985	GGAFDGVEDVVSPFGYR	AGAP004593-PA	-	65	4.09E-06	1	1771.828	-0.56	Midgut	2R:+:58145440-58145440,58162463-58162512	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_37458	VHAYLISELRK	AGAP004593-PA	-	72	3.98E-07	1	1328.770	0.89	Malpighian tubule	2R:+:58145122-58145154	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_38004	GGAFDGVEDVVSPFGYR	AGAP004593-PA	-	91	1.14E-08	2	1771.838	5.36	Head	2R:+:58145440-58145440,58162463-58162512	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_38318	VYIGSFWDQPLR	AGAP004593-PA	-	81	1.18E-07	2	1480.756	-1.75	Midgut	2R:+:58144960-58144995	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_38327	MQEVLANQDFTK	AGAP004593-PA	M1(Oxidation)	94	7.02E-09	1	1423.691	1.53	Malpighian tubule	2R:+:58145281-58145316	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_39878	LFEDEEQDLFR	AGAP004593-PA	-	88	2.05E-08	1	1440.665	0.52	Ovary	2R:+:58145014-58145046	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_39926	LFEDEEQDLFR	AGAP004593-PA	-	93	6.10E-09	2	1440.667	1.62	Malpighian tubule	2R:+:58145014-58145046	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_40979	YGNAFLNR	AGAP004593-PA	-	56	3.02E-05	2	954.477	-1.9	Visceras	2R:+:58144588-58144611	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_41812	LLPLEEHYNFHDFHSPK	AGAP004593-PA	-	51	0.00012247	1	2123.040	2.37	Midgut	2R:+:58144303-58144353	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_42509	GYDFTGVLEWFAER	AGAP004593-PA	-	94	6.09E-09	2	1689.794	1.8	Midgut	2R:+:58144708-58144749	exon=> In CDS Exon 1 of transcript AGAP004593-PA

JHU_Ag_44726	TEEVVENVLGELKK	AGAP004593-PA	-	85	2.77E-08	1	1586.862	-0.76	Ovary	2R:+:58144246-58144287	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_47928	MQEVLANQDFTK	AGAP004593-PA	M1(Oxidation)	70	1.43E-06	2	1439.687	2.67	Ovary	2R:+:58145281-58145316	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_48023	TEEVVENVLGELK	AGAP004593-PA	-	94	5.08E-09	1	1458.772	2.45	Malpighian tubule	2R:+:58144246-58144284	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_48166	LLPLEEHYNFHDFHSPK	AGAP004593-PA	-	41	0.001381276	1	2123.036	0.64	Malpighian tubule	2R:+:58144303-58144353	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_48212	MDGNELPTALPLHLVPPSK	AGAP004593-PA	M1(Oxidation)	68	1.32E-06	1	2029.076	-1.6	Midgut	2R:+:58163084-58163140	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_50564	ARTDPIFESLGPVDGK	AGAP004593-PA	-	79	2.06E-07	2	1701.887	3.7	Male reproductive organs	2R:+:58162573-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_54620	YLLERDFPGIR	AGAP004593-PA	-	50	9.60E-05	1	1378.750	1.7	Malpighian tubule	2R:+:58144435-58144467	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_56706	MPLIEVVDR	AGAP004593-PA	-	53	5.67E-05	1	1071.589	2.47	Head	2R:+:58145332-58145358	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_57795	EGMIPGNALVVDPK	AGAP004593-PA	M3(Oxidation)	68	2.07E-06	1	1455.752	0.57	Salivary gland	2R:+:58144522-58144563	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_57981	SKLPNNVLSK	AGAP004593-PA	-	36	0.002111675	1	1099.648	0.43	Malpighian tubule	2R:+:58162970-58162999	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_58496	GEGIDAGYGEVDWICNR	AGAP004593-PA	C15(Carbamidomethyl)	74	2.97E-07	2	1910.836	1.31	Midgut	2R:+:58162516-58162566	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_60304	AISIVDTPGILSGEK	AGAP004593-PA	-	91	6.40E-09	1	1499.831	-0.52	Salivary gland	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_60332	VHAYLISELRK	AGAP004593-PA	-	63	2.86E-06	1	1328.768	-0.51	Midgut	2R:+:58145122-58145154	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_61303	VHAYLISELR	AGAP004593-PA	-	36	0.002693527	1	1200.674	0.15	Head	2R:+:58145122-58145151	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_61534	ADMIDHQQLMR	AGAP004593-PA	-	47	0.000165775	1	1357.638	2.3	Malpighian tubule	2R:+:58144867-58144899	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_64190	GGAFDGVEDVVSPFGYR	AGAP004593-PA	-	99	1.64E-09	1	1771.837	4.47	Salivary gland	2R:+:58145440-58145440,58162463-58162512	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_64509	TEEVVENVLGELKK	AGAP004593-PA	-	81	7.01E-08	1	1586.866	1.64	Midgut	2R:+:58144246-58144287	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_65459	YGNAFLNR	AGAP004593-PA	-	68	1.99E-06	2	954.481	2.32	Malpighian tubule	2R:+:58144588-58144611	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_65876	VLQTPEVAR	AGAP004593-PA	-	41	0.000571796	1	1012.581	2.75	Malpighian tubule	2R:+:58144933-58144959	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_66896	VLQTPEVAR	AGAP004593-PA	-	33	0.003163588	1	1012.578	-0.87	Ovary	2R:+:58144933-58144959	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_67085	FIAVMYDDKEGMIPGNALVVDPK	AGAP004593-PA	M5(Oxidation), M12(Oxidation)	63	6.18E-06	1	2554.265	2.97	Malpighian tubule	2R:+:58144495-58144563	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_67134	LFEDEEQDLFR	AGAP004593-PA	-	94	4.92E-09	2	1440.663	-0.92	Midgut	2R:+:58145014-58145046	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_68445	LFEDEEQDLFR	AGAP004593-PA	-	80	1.17E-07	1	1440.669	3.14	Salivary gland	2R:+:58145014-58145046	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_69290	EHQVSIGDLPDIKK	AGAP004593-PA	-	77	1.96E-07	1	1578.852	2.09	Midgut	2R:+:58145239-58145280	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_70314	LEDSDFDAKPMILLVGQYSTGK	AGAP004593-PA	M11(Oxidation)	103	6.64E-10	1	2427.227	6.62	Malpighian tubule	2R:+:58144354-58144419	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_71702	GGAFDGVEDVVSPFGYR	AGAP004593-PA	-	120	1.33E-11	1	1771.837	4.74	Malpighian tubule	2R:+:58145440-58145440,58162463-58162512	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_71800	TEEVVENVLGELK	AGAP004593-PA	-	92	7.94E-09	2	1458.772	2.03	Head	2R:+:58144246-58144284	exon=> In CDS Exon 1 of transcript AGAP004593-PA

JHU_Ag_71952	ARTDPIFESLGPVDGK	AGAP004593-PA	-	69	1.82E-06	2	1701.885	2.55	Ovary	2R:+:58162573-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_72227	EHQVSIGDLPDIK	AGAP004593-PA	-	85	4.33E-08	2	1450.756	1.44	Midgut	2R:+:58145239-58145277	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_72875	VYIGSFWDQPLRYDVNR	AGAP004593-PA	-	81	1.08E-07	1	2128.069	3.68	Malpighian tubule	2R:+:58144960-58145010	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_73518	LSDYDQDGFLDIEEFALAMHLINVK	AGAP004593-PA	M19(Oxidation)	127	2.71E-12	1	2912.398	-1.6	Midgut	2R:+:58163009-58163083	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_73807	ARTDPIFESLGPVDGK	AGAP004593-PA	-	76	4.18E-07	2	1701.887	3.62	Midgut	2R:+:58162573-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_74514	KGEGIDAGYGEVDWICNR	AGAP004593-PA	C16(Carbamidomethyl)	129	1.68E-12	1	2038.931	1.17	Malpighian tubule	2R:+:58162513-58162566	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_75717	IILLFDAHK	AGAP004593-PA	-	54	1.64E-05	1	1069.640	-0.33	Midgut	2R:+:58144759-58144785	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_76179	AISIVDTPGILSGEK	AGAP004593-PA	-	87	1.45E-08	1	1499.836	3.07	Head	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_76454	TDPIFESLGPVDGK	AGAP004593-PA	-	60	1.68E-05	2	1474.742	-0.17	Head	2R:+:58162579-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_76769	VYIGSFWDQPLR	AGAP004593-PA	-	101	1.28E-09	1	1480.765	4.18	Head	2R:+:58144960-58144995	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_77606	MFSWLKR	AGAP004593-PA	N-Term(Acetyl)	41	0.001079483	1	1009.532	3.1	Malpighian tubule	2R:+:58144216-58144236	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_78756	LFEDEEQDLFR	AGAP004593-PA	-	93	5.96E-09	1	1440.669	3.65	Head	2R:+:58145014-58145046	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_79803	VYIGSFWDQPLR	AGAP004593-PA	-	95	4.99E-09	1	1480.761	1.96	Ovary	2R:+:58144960-58144995	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_79982	LFEDEEQDLFR	AGAP004593-PA	-	43	0.000610042	2	1440.666	1.36	Visceras	2R:+:58145014-58145046	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_80239	KGEGIDAGYGEVDWICNR	AGAP004593-PA	C16(Carbamidomethyl)	45	0.000404266	1	2038.933	1.88	Salivary gland	2R:+:58162513-58162566	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_82624	EHQVSIGDLPDIKK	AGAP004593-PA	-	99	1.48E-09	1	1578.851	1.47	Ovary	2R:+:58145239-58145280	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_82685	TEEVVENVLGELKK	AGAP004593-PA	-	61	7.62E-06	1	1586.869	3.25	Salivary gland	2R:+:58144246-58144287	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_82744	GGAFDGVEDVVSPFGYRK	AGAP004593-PA	-	83	7.90E-08	1	1899.925	0.82	Ovary	2R:+:58145440-58145440,58162463-58162515	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_84011	MQEVLANQDFTK	AGAP004593-PA	-	80	1.54E-07	2	1423.691	1.53	Head	2R:+:58145281-58145316	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_84151	YGNAFLNR	AGAP004593-PA	-	68	1.77E-06	2	954.481	1.42	Salivary gland	2R:+:58144588-58144611	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_84340	MPLIEVVDR	AGAP004593-PA	M1(Oxidation)	57	2.80E-05	1	1087.581	-0.98	Ovary	2R:+:58145332-58145358	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_85606	MLAVDIAR	AGAP004593-PA	-	39	0.001991451	2	888.498	1.06	Malpighian tubule	2R:+:58145359-58145382	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_86401	LEDSDFDAKPMILLVGQYSTGK	AGAP004593-PA	M11(Oxidation)	53	7.56E-05	1	2427.212	0.36	Midgut	2R:+:58144354-58144419	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_88623	VLQTPEVAR	AGAP004593-PA	-	39	0.000946899	2	1012.579	0.34	Male reproductive organs	2R:+:58144933-58144959	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_91757	LFEDEEQDLFRDLQSLPR	AGAP004593-PA	-	116	3.72E-11	1	2250.113	4.22	Malpighian tubule	2R:+:58145014-58145067	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_91774	DLQSLPR	AGAP004593-PA	-	38	0.001208739	1	828.456	-2.03	Male reproductive organs	2R:+:58145047-58145067	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_91781	GEGIDAGYGEVDWICNR	AGAP004593-PA	C15(Carbamidomethyl)	59	9.17E-06	2	1910.838	2.14	Salivary gland	2R:+:58162516-58162566	exon=> In CDS Exon 2 of transcript AGAP004593-PA

JHU_Ag_92270	MDGNELPTALPLHLVPPSK	AGAP004593-PA	M1(Oxidation)	95	3.18E-09	1	2045.094	10	Ovary	2R:+:58163084-58163140	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_92392	ARTDPIFESLGPVDGK	AGAP004593-PA	-	63	8.97E-06	2	1701.884	1.97	Malpighian tubule	2R:+:58162573-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_92452	IILLFDAHK	AGAP004593-PA	-	58	4.39E-06	1	1069.642	1.38	Malpighian tubule	2R:+:58144759-58144785	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_93054	TEEVVENVLGELK	AGAP004593-PA	-	87	2.33E-08	1	1458.768	-0.14	Ovary	2R:+:58144246-58144284	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_93147	YGNAFLNR	AGAP004593-PA	-	71	8.36E-07	2	954.481	1.42	Ovary	2R:+:58144588-58144611	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_93453	LPNNVLSK	AGAP004593-PA	-	34	0.002497721	2	884.519	-0.65	Ovary	2R:+:58162976-58162999	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_93746	LDISDEFRR	AGAP004593-PA	-	56	4.08E-05	1	1150.586	0.81	Malpighian tubule	2R:+:58144786-58144812	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_96216	VHAYLISELRK	AGAP004593-PA	-	35	0.002160449	1	1328.771	2.19	Head	2R:+:58145122-58145154	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_97205	KLNDLIK	AGAP004593-PA	-	43	0.00036417	2	843.531	1.04	Ovary	2R:+:58145083-58145103	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_97548	KGEGIDAGYGEVDWICNR	AGAP004593-PA	C16(Carbamidomethyl)	51	9.39E-05	1	2038.934	2.55	Ovary	2R:+:58162513-58162566	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_100007	GGAFDGVEDVVSPFGYR	AGAP004593-PA	-	80	1.24E-07	2	1771.834	2.74	Visceras	2R:+:58145440-58145440,58162463-58162512	exon=> In CDS Exon 1 and 2 of transcript AGAP004593-PA
JHU_Ag_103356	MDGNELPTALPLHLVPPSK	AGAP004593-PA	M1(Oxidation)	111	6.61E-11	1	2029.084	2.46	Head	2R:+:58163084-58163140	exon=> In CDS Exon 3 of transcript AGAP004593-PA
JHU_Ag_106098	AISIVDTPGILSGEK	AGAP004593-PA	-	69	9.67E-07	1	1499.831	-0.27	Ovary	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_106392	LMSMIPQEEMQLVSEPLVK	AGAP004593-PA	M2(Oxidation)	98	2.09E-09	1	2202.129	3.05	Malpighian tubule	2R:+:58145383-58145439	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_109277	YGNAFLNR	AGAP004593-PA	-	54	4.61E-05	2	954.479	-0.37	Male reproductive organs	2R:+:58144588-58144611	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_109352	VYIGSFWDQPLR	AGAP004593-PA	-	47	0.00035117	2	1480.761	1.79	Larva	2R:+:58144960-58144995	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_109486	FQCSHVPSPVLR	AGAP004593-PA	C3(Carbamidomethyl)	56	3.58E-05	1	1426.728	1.27	Malpighian tubule	2R:+:58144612-58144647	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_109619	TEEVVENVLGELKK	AGAP004593-PA	-	80	8.32E-08	1	1586.869	3.33	Malpighian tubule	2R:+:58144246-58144287	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_110315	NLGTIYDR	AGAP004593-PA	-	50	0.000127912	1	951.490	0.81	Ovary	2R:+:58145206-58145229	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_110447	MFSWLKR	AGAP004593-PA	N-Term(Acetyl)	42	0.000841221	2	1009.530	1.05	Ovary	2R:+:58144216-58144236	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_110843	AISIVDTPGILSGEK	AGAP004593-PA	-	43	0.000355378	1	1499.835	2.09	Pupa	2R:+:58144648-58144692	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_111763	VYIGSFWDQPLR	AGAP004593-PA	-	101	1.30E-09	1	1480.759	0.47	Male reproductive organs	2R:+:58144960-58144995	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_112412	TDPIFESLGPVDGK	AGAP004593-PA	-	38	0.002331616	1	1474.742	-0.17	Salivary gland	2R:+:58162579-58162620	exon=> In CDS Exon 2 of transcript AGAP004593-PA
JHU_Ag_112892	VHAYLISELRK	AGAP004593-PA	-	49	7.31E-05	1	1328.767	-0.96	Salivary gland	2R:+:58145122-58145154	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_112995	TEEVVENVLGELK	AGAP004593-PA	-	103	6.31E-10	2	1458.776	5.04	Midgut	2R:+:58144246-58144284	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_114267	LEDSDFDAKPMILLVGQYSTGK	AGAP004593-PA	M11(Oxidation)	118	2.26E-11	1	2443.209	1.29	Ovary	2R:+:58144354-58144419	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_115751	ADMIDHQQLMR	AGAP004593-PA	M3(Oxidation), M10(Oxidation)	32	0.005777286	1	1389.627	1.11	Head	2R:+:58144867-58144899	exon=> In CDS Exon 1 of transcript AGAP004593-PA

JHU_Ag_117229	VYGALMWSLGK	AGAP004593-PA	-	66	2.53E-06	2	1224.647	2.17	Malpighian tubule	2R:+:58144900-58144932	exon=> In CDS Exon 1 of transcript AGAP004593-PA
JHU_Ag_95872	LDLSLGHPLK	AGAP004595-PA	-	29	0.004009295	1	1092.643	1.33	Head	2R:+:58231981-58232010	exon=> In CDS Exon 3 of transcript AGAP004595-PA
JHU_Ag_76	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	106	2.98E-11	1	2036.190	-0.05	Midgut	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_245	QGSGFTNTIR	AGAP004596-PA	-	44	0.000614969	2	1080.545	2	Larva	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_373	IYVDYVNIVK	AGAP004596-PA	-	62	3.81E-06	2	1225.684	1.14	Larva	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_779	SAHLISK	AGAP004596-PA	-	34	0.001787513	2	755.440	-0.75	Visceras	2R:-:58246531-58246511	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_986	GEYPLECVLTMAK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation)	66	3.48E-06	2	1526.733	6.28	Larva	2R:-:58246738-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_1508	SRAAAIIVITTSGR	AGAP004596-PA	-	76	7.49E-08	1	1415.832	-0.8	Head	2R:-:58246573-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_3133	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	96	7.37E-10	1	1711.996	3.61	Larva	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_3750	TGLIEGSGTGEVELKK	AGAP004596-PA	-	88	2.01E-08	1	1617.872	1.33	Head	2R:-:58247479-58247432	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_4541	VQYGIEFGKER	AGAP004596-PA	-	78	1.92E-07	1	1325.685	0.26	Visceras	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_5437	SAHLISK	AGAP004596-PA	-	38	0.000701858	1	755.441	-0.41	Midgut	2R:-:58246531-58246511	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_6058	VQYGIEFGK	AGAP004596-PA	-	47	0.000205955	1	1040.545	3.5	Male reproductive organs	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_6417	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	105	1.05E-10	1	1711.993	2.11	Visceras	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_6450	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl), M17(Oxidation)	99	1.89E-09	1	2118.087	2.35	Larva	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_6960	IENQQGMQNLDK	AGAP004596-PA	M7(Oxidation)	88	1.99E-08	1	1433.669	0.09	Malpighian tubule	2R:-:58247029-58246994	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_7430	TGLIEGSGTGEVELK	AGAP004596-PA	-	99	2.24E-09	1	1489.776	0.95	Pupa	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_7543	EAVDNYSKK	AGAP004596-PA	-	33	0.006416 91	1	1053.522	0.36	Ovary	2R:-:58247563-58247537	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_7719	CPIIAVTR	AGAP004596-PA	C1(Carbamidomethyl)	42	0.000757848	1	929.525	1.11	Midgut	2R:-:58246498-58246475	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_8062	TILGEKGK	AGAP004596-PA	-	41	0.000614974	1	845.509	-0.58	Malpighian tubule	2R:-:58247074-58247051	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_8304	KLGKPFPLAIALDTK	AGAP004596-PA	-	70	7.88E-08	1	1611.982	-0.85	Male reproductive organs	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_9955	EAVDNYSKK	AGAP004596-PA	-	54	4.74E-05	1	1053.523	1.64	Malpighian tubule	2R:-:58247563-58247537	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_10552	AAAIIVITTSGR	AGAP004596-PA	-	84	1.35E-08	2	1172.699	-0.46	Midgut	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_11119	SAHLISK	AGAP004596-PA	-	38	0.000614114	2	755.440	-1.47	Head	2R:-:58246531-58246511	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_11260	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	66	3.49E-06	1	2574.300	3.32	Ovary	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_11321	GEYPLECVLTMAK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),C7(Carbamidomethyl)	93	7.87E-09	1	1526.724	0.61	Midgut	2R:-:58246738-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_11632	TGLIEGSGTGEVELK	AGAP004596-PA	-	115	5.18E-11	1	1489.779	3	Head	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_11667	AEISDVANAIIDGADCVMLSGETAKGEYPLECVLTMAK	AGAP004596-PA	C16(Carbamidomethyl), C32(Carbamidomethyl)	43	0.000460257	1	4041.927	2.54	Visceras	2R:-:58246813-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_11707	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	77	3.24E-07	1	2574.302	4.17	Pupa	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_11775	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), M17(Oxidation)"	106	3.82E-10	1	2118.085	1.43	Visceras	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_11856	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	99	1.59E-10	1	2036.193	1.38	Visceras	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_11937	IQLTTDK	AGAP004596-PA	-	40	0.001680406	1	818.461	-0.66	Head	2R:-:58247422-58247402	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_12083	TGLIEGSGTGEVELK	AGAP004596-PA	-	125	5.56E-12	1	1489.775	0.54	Visceras	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_12087	VQYGIEFGKER	AGAP004596-PA	-	77	2.47E-07	1	1325.687	1.74	Head	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_12109	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	121	1.28E-11	1	2002.030	-2.96	Midgut	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_12147	AEISDVANAIIDGADCVMLSGETAK	AGAP004596-PA	C16(Carbamidomethyl), M18(Oxidation)	163	6.10E-16	1	2566.202	0.17	Ovary	2R:-:58246813-58246739	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_12155	IENQQGMQNLDKIIEATDGIMVAR	AGAP004596-PA	M7(Oxidation), M21(Oxidation),M21(Oxidation),M7(Oxidation)	108	2.09E-10	1	2719.349	3.68	Ovary	2R:-:58247029-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_12417	DKSDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	98	1.52E-09	1	2413.254	5.7	Visceras	2R:-:58247167-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_13031	KLGKPFPLAIALDTK	AGAP004596-PA	-	91	5.32E-10	1	1611.990	4.27	Larva	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_13264	IQLTTDKEHLEK	AGAP004596-PA	-	73	4.96E-07	1	1454.783	-1.2	Male reproductive organs	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_13272	AGKPVICATQMLESMIK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation), M15(Oxidation),C7(Carbamidomethyl)	90	1.30E-08	1	1908.961	1.15	Ovary	2R:-:58246882-58246832	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_13611	VQYGIEFGKER	AGAP004596-PA	-	72	8.67E-07	1	1325.687	1.27	Malpighian tubule	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_13928	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	85	4.42E-08	2	1288.695	1.71	Pupa	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_14109	IQLTTDKEHLEK	AGAP004596-PA	-	67	1.84E-06	1	1454.785	-0.27	Ovary	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_15231	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	113	1.39E-11	1	1819.034	0.96	Malpighian tubule	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_15734	SDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	35	0.003136388	1	2170.124	2.79	Head	2R:-:58247161-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_15851	AGKPVICATQMLESMIK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),"C7(Carbamidomethyl), M11(Oxidation), M15(Oxidation)"	103	7.54E-10	1	1908.960	0.48	Midgut	2R:-:58246882-58246832	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_15992	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	80	1.68E-07	2	1304.687	-1.05	Midgut	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_16121	VQYGIEFGK	AGAP004596-PA	-	49	0.00012044	1	1040.545	3.26	Larva	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA

JHU_Ag_16211	GDLGIEIPAEK	AGAP004596-PA	-	65	2.94E-06	1	1141.612	1.63	Ovary	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_16700	AEISDVANAIIDGADCVMLSGETAK	AGAP004596-PA	C16(Carbamidomethyl), M18(Oxidation)	134	4.54E-13	1	2566.203	0.53	Malpighian tubule	2R:-:58246813-58246739	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_17214	SAHLISK	AGAP004596-PA	-	46	0.000112266	2	755.441	-0.26	Malpighian tubule	2R:-:58246531-58246511	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_17461	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	123	6.48E-12	1	2002.038	1.37	Salivary gland	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_17825	LGKPFPLAIALDTK	AGAP004596-PA	-	90	1.91E-09	1	1483.891	1.48	Viscera	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_18953	VQYGIEFGKER	AGAP004596-PA	-	77	2.34E-07	1	1325.686	0.72	Ovary	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_19479	DKSDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	148	2.06E-14	1	2413.236	-1.81	Midgut	2R:-:58247167-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_19988	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	102	2.31E-10	1	1711.989	-0.04	Midgut	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_20090	GEYPLECVLTMAK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation)	70	1.43E-06	1	1526.724	0.93	Ovary	2R:-:58246738-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_20428	DKIYVDYVNIVK	AGAP004596-PA	-	83	4.60E-08	1	1468.806	0.81	Ovary	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_20713	SDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	47	0.000198789	1	2170.118	-0.17	Ovary	2R:-:58247161-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_21654	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl), M17(Oxidation)	115	4.38E-11	1	2118.083	0.16	Midgut	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_21738	VQYGIEFGKER	AGAP004596-PA	-	64	5.25E-06	1	1325.684	-1.03	Midgut	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_22870	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	116	1.23E-11	1	1690.943	3.2	Malpighian tubule	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_23371	IENQQGMQNLDKIIEATDGIMVAR	AGAP004596-PA	M7(Oxidation), M21(Oxidation),M21(Oxidation),M7(Oxidation)	138	2.14E-13	1	2719.347	2.94	Malpighian tubule	2R:-:58247029-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_23459	AAAIIVITTSGR	AGAP004596-PA	-	90	3.63E-09	2	1172.702	2.24	Malpighian tubule	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_23584	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	110	3.46E-11	1	1711.995	3.03	Malpighian tubule	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_23664	KLGKPFPLAIALDTK	AGAP004596-PA	-	89	8.71E-10	1	1611.987	2.22	Ovary	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_23780	IYVDYVNIVK	AGAP004596-PA	-	58	8.88E-06	2	1225.682	-0.25	Midgut	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_24059	MNPEAVSHLEHICSLDIDSKTPFVR	AGAP004596-PA	M1(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	143	7.85E-14	1	2911.408	0.08	Malpighian tubule	2R:-:58247785-58247711	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_24682	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	162	5.71E-16	1	2541.337	2.92	Malpighian tubule	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_25966	LGKPFPLAIALDTK	AGAP004596-PA	-	81	1.43E-08	1	1483.889	0.66	Male reproductive organs	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_26532	VQYGIEFGK	AGAP004596-PA	-	64	4.33E-06	1	1040.540	-0.68	Malpighian tubule	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA

JHU_Ag_26547	MNPEAVSHLEHICSLDIDSK	AGAP004596-PA	M1(Oxidation), N2(Deamidated), C13(Carbamidomethyl)," M1(Oxidation), C13(Carbamidomethyl)",C13(Carbamidomethyl)	115	3.72E-11	1	2295.083	3.51	Head	2R:-:58247785-58247726	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_27141	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	77	8.77E-08	1	1690.945	4.14	Ovary	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_27940	GVNLPGVPVDLPAVSEKDK	AGAP004596-PA	-	38	0.000751204	1	1934.072	6.28	Visceras	2R:-:58247218-58247162	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_28002	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	72	1.97E-07	1	1819.034	1.02	Salivary gland	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_28010	IYVDYVNIVK	AGAP004596-PA	-	76	1.37E-07	1	1225.685	1.54	Malpighian tubule	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_28437	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	61	1.49E-05	2	1304.687	-0.68	Male reproductive organs	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_28518	IYVDYVNIVK	AGAP004596-PA	-	62	3.64E-06	2	1225.682	-0.25	Male reproductive organs	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_29021	DKIYVDYVNIVK	AGAP004596-PA	-	92	5.57E-09	1	1468.803	-1.02	Midgut	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_29161	IQLTTDKEHLEK	AGAP004596-PA	-	64	3.29E-06	2	1454.786	0.48	Malpighian tubule	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_29818	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	83	6.95E-08	1	1288.691	-1.6	Salivary gland	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_30454	VQYGIEFGKER	AGAP004596-PA	-	69	1.56E-06	1	1325.684	-0.66	Pupa	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_30564	DKIYVDYVNIVK	AGAP004596-PA	-	99	1.13E-09	1	1468.804	-0.11	Pupa	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_31036	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	83	2.77E-08	1	1690.937	-0.34	Midgut	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_31685	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	123	4.56E-12	1	2541.340	4.07	Head	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_32217	LGKPFPLAIALDTK	AGAP004596-PA	-	80	1.97E-08	1	1483.892	2.54	Pupa	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_32390	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	38	0.002178644	1	2574.294	1.33	Larva	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_32841	IQLTTDKEHLEK	AGAP004596-PA	-	49	0.000107766	1	1454.783	-1.38	Midgut	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_33078	TCKEAEAALWHR	AGAP004596-PA	C2(Carbamidomethyl)	82	7.80E-08	1	1471.718	4.72	Ovary	2R:-:58246699-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_33378	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	75	5.34E-07	1	1304.692	2.88	Larva	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_33491	LNFSHGSHEYHANTIK	AGAP004596-PA	-	105	5.61E-10	1	1854.896	4.09	Larva	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_33781	QGSGFTNTIR	AGAP004596-PA	-	55	5.29E-05	2	1080.544	0.2	Ovary	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_34556	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	94	2.89E-09	2	2541.345	6.09	Larva	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_34926	SAHLISK	AGAP004596-PA	-	43	0.000253262	1	755.443	2.58	Salivary gland	2R:-:58246531-58246511	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_34984	EAEAALWHR	AGAP004596-PA	-	67	2.70E-06	1	1082.537	-0.61	Pupa	2R:-:58246690-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_35092	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	87	1.99E-08	2	2541.333	1.19	Visceras	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_35147	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	101	7.72E-10	2	2541.339	3.78	Midgut	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_35598	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), M17(Oxidation)"	104	5.04E-10	1	2118.086	1.89	Salivary gland	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_35889	IENQQGMQNLDK	AGAP004596-PA	-	67	2.44E-06	2	1417.674	-0.05	Pupa	2R:-:58247029-58246994	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_37169	NAAALK	AGAP004596-PA	-	45	0.000569113	1	587.353	2.74	Head	2R:-:58247101-58247084	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_37316	AAAIIVITTSGR	AGAP004596-PA	-	87	6.97E-09	2	1172.701	0.68	Visceras	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_37952	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	47	5.96E-05	2	1819.035	1.36	Larva	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_38580	CPIIAVTR	AGAP004596-PA	C1(Carbamidomethyl)	52	8.28E-05	2	929.523	-0.94	Ovary	2R:-:58246498-58246475	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_38635	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	72	1.78E-07	1	1819.040	4.05	Midgut	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_38849	IENQQGMQNLDK	AGAP004596-PA	-	83	6.26E-08	1	1417.674	0.21	Visceras	2R:-:58247029-58246994	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_38916	SRAAAIIVITTSGR	AGAP004596-PA	-	73	1.36E-07	1	1415.836	1.79	Malpighian tubule	2R:-:58246573-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_39792	DKIYVDYVNIVK	AGAP004596-PA	-	67	1.63E-06	1	1468.807	1.39	Male reproductive organs	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_39850	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	121	9.22E-13	1	2036.195	2.1	Pupa	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_40673	CPIIAVTR	AGAP004596-PA	C1(Carbamidomethyl)	64	4.47E-06	2	929.525	0.9	Malpighian tubule	2R:-:58246498-58246475	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_42438	VQYGIEFGK	AGAP004596-PA	-	47	0.000230278	2	1040.541	0.14	Salivary gland	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_43645	TGLIEGSGTGEVELKK	AGAP004596-PA	-	66	2.74E-06	2	1617.873	2.16	Ovary	2R:-:58247479-58247432	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_43975	LSGIICTIGPASVSPEMLEKMMATGMNIAR	AGAP004596-PA	C6(Carbamidomethyl), M17(Oxidation), M21(Oxidation), M22(Oxidation), M26(Oxidation)	53	6.45E-05	1	3242.574	4.23	Ovary	2R:-:58247710-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_44232	MMATGMNIAR	AGAP004596-PA	M1(Oxidation), M2(Oxidation), M6(Oxidation)	54	2.30E-05	2	1143.494	-1.12	Midgut	2R:-:58247650-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_44296	VQYGIEFGK	AGAP004596-PA	-	48	0.000154072	1	1040.542	1.15	Pupa	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_44891	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	94	5.97E-09	1	2018.043	6	Larva	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_44972	GDLGIEIPAEK	AGAP004596-PA	-	75	3.18E-07	1	1141.609	-0.51	Salivary gland	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_45217	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	83	8.83E-08	1	1304.688	0.26	Ovary	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_45393	VFLAQK	AGAP004596-PA	-	39	0.000368337	1	705.429	-1.01	Midgut	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_45416	IYVDYVNIVK	AGAP004596-PA	-	72	3.46E-07	1	1225.682	-0.25	Salivary gland	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_45500	TGLIEGSGTGEVELKK	AGAP004596-PA	-	95	4.18E-09	1	1617.868	-0.78	Midgut	2R:-:58247479-58247432	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_46416	EAEAALWHR	AGAP004596-PA	-	41	0.000972546	2	1082.538	-0.16	Visceras	2R:-:58246690-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_46977	IYVDYVNIVK	AGAP004596-PA	-	62	3.49E-06	2	1225.684	0.84	Visceras	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_47412	IYVDYVNIVK	AGAP004596-PA	-	78	9.21E-08	1	1225.683	0.54	Pupa	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_47712	NAAALKEIR	AGAP004596-PA	-	53	4.95E-05	2	985.580	1.24	Head	2R:-:58247101-58247075	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_49161	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	102	1.51E-10	1	1819.035	1.63	Visceras	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_49977	DKIYVDYVNIVK	AGAP004596-PA	-	42	0.000511463	2	1468.806	0.81	Salivary gland	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_50046	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	94	3.43E-09	2	2541.334	1.77	Pupa	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_50789	DKIYVDYVNIVK	AGAP004596-PA	-	99	1.00E-09	1	1468.810	3.8	Head	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_50856	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	54	5.91E-05	1	2574.291	-0.02	Salivary gland	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_51901	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), M17(Oxidation)"	114	5.59E-11	1	2118.080	-1.1	Head	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_52017	AGKPVICATQMLESMIK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation), M15(Oxidation)	91	9.56E-09	1	1908.967	4.12	Male reproductive organs	2R:-:58246882-58246832	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_52291	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	80	9.13E-08	2	2541.342	5.03	Salivary gland	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_52398	KMNPEAVSHLEHICSLDIDSK	AGAP004596-PA	M2(Oxidation), C14(Carbamidomethyl)	71	1.29E-06	1	2439.165	0.33	Visceras	2R:-:58247788-58247726	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_52755	TGLIEGSGTGEVELK	AGAP004596-PA	-	134	6.62E-13	1	1489.776	0.79	Malpighian tubule	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_53210	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	69	1.82E-06	1	2002.044	4.05	Pupa	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_53445	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	91	1.94E-09	1	1819.038	2.84	Ovary	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_53772	AGKPVICATQMLESMIK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),"C7(Carbamidomethyl), M15(Oxidation)","C7(Carbamidomethyl), M11(Oxidation), M15(Oxidation)",C7(Carbamidomethyl)	112	1.01E-10	1	1876.976	3.52	Malpighian tubule	2R:-:58246882-58246832	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_55169	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	49	2.59E-05	1	2036.184	-3.15	Salivary gland	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_55223	LNFSHGSHEYHANTIK	AGAP004596-PA	N2(Deamidated)	123	7.33E-12	1	1854.893	2.45	Head	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_55646	LGKPFPLAIALDTK	AGAP004596-PA	-	52	1.07E-05	1	1483.894	3.93	Larva	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_55708	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	40	0.000468781	1	1690.940	1.61	Male reproductive organs	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_56070	LNFSHGSHEYHANTIK	AGAP004596-PA	-	113	7.40E-11	1	1854.889	0.34	Malpighian tubule	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_56227	LGKPFPLAIALDTK	AGAP004596-PA	-	70	1.99E-07	1	1483.889	0.6	Ovary	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_56853	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	119	1.38E-12	1	2036.197	3.45	Head	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_56991	KLGKPFPLAIALDTK	AGAP004596-PA	-	112	5.08E-12	1	1611.989	3.33	Head	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_57735	LGKPFPLAIALDTK	AGAP004596-PA	-	69	2.04E-07	1	1483.892	2.52	Salivary gland	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_58331	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	76	3.49E-07	1	2574.303	4.6	Head	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_58497	TGLIEGSGTGEVELK	AGAP004596-PA	-	87	2.85E-08	1	1489.776	0.95	Salivary gland	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_59263	GVNLPGVPVDLPAVSEKDK	AGAP004596-PA	-	46	0.000169262	1	1934.058	-0.51	Malpighian tubule	2R:-:58247218-58247162	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_59317	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	130	1.09E-13	1	2036.194	2.01	Ovary	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_59686	VFLAQK	AGAP004596-PA	-	40	0.000280057	1	705.430	0.2	Ovary	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_60470	MMATGMNIAR	AGAP004596-PA	M1(Oxidation), M2(Oxidation), M6(Oxidation)	58	9.13E-06	2	1143.499	3.25	Ovary	2R:-:58247650-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_60501	NLFKDLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	48	0.000113909	3	3043.616	-1.39	Midgut	2R:-:58246663-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_60580	VFLAQK	AGAP004596-PA	-	40	0.000260163	1	705.430	0.72	Malpighian tubule	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_60801	VFLAQK	AGAP004596-PA	-	42	0.000180404	1	705.429	-0.83	Head	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_61204	TGLIEGSGTGEVELKK	AGAP004596-PA	-	80	1.16E-07	1	1617.870	0.57	Visceras	2R:-:58247479-58247432	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_63096	KLGKPFPLAIALDTK	AGAP004596-PA	-	82	5.02E-09	1	1611.983	-0.28	Salivary gland	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_63180	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl), M17(Oxidation)	98	2.01E-09	1	2118.085	1.43	Pupa	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_63303	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	116	3.26E-11	1	2002.041	2.77	Head	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_63433	IYVDYVNIVK	AGAP004596-PA	-	62	3.90E-06	2	1225.684	1.34	Ovary	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_63594	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	74	4.52E-08	1	2036.194	1.65	Male reproductive organs	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_63907	TGLIEGSGTGEVELK	AGAP004596-PA	-	89	2.01E-08	2	1489.772	-1.84	Midgut	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_64056	IQLTTDKEHLEK	AGAP004596-PA	-	63	3.67E-06	1	1454.787	1.66	Head	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_64252	IYVDYVNIVK	AGAP004596-PA	-	72	3.84E-07	1	1225.681	-1.55	Head	2R:-:58247371-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_65898	TGLIEGSGTGEVELK	AGAP004596-PA	-	95	4.92E-09	1	1489.774	-0.36	Ovary	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_66080	VQYGIEFGKER	AGAP004596-PA	-	58	2.07E-05	2	1325.687	1.92	Salivary gland	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_66225	NAAALKEIR	AGAP004596-PA	-	64	3.82E-06	2	985.578	-0.61	Pupa	2R:-:58247101-58247075	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_66802	GVNLPGVPVDLPAVSEKDK	AGAP004596-PA	-	34	0.002341853	1	1934.058	-0.89	Midgut	2R:-:58247218-58247162	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_66942	TCKEAEAALWHR	AGAP004596-PA	C2(Carbamidomethyl)	101	1.05E-09	1	1471.713	1.31	Malpighian tubule	2R:-:58246699-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_67033	KLGKPFPLAIALDTK	AGAP004596-PA	-	87	1.53E-09	1	1611.983	-0.08	Midgut	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_67111	IENQQGMQNLDKIIEATDGIMVAR	AGAP004596-PA	M7(Oxidation), M21(Oxidation),M7(Oxidation)	108	2.29E-10	1	2703.356	4.35	Head	2R:-:58247029-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_67220	KLGKPFPLAIALDTK	AGAP004596-PA	-	96	1.96E-10	1	1611.985	0.74	Visceras	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_67366	QGSGFTNTIR	AGAP004596-PA	-	64	6.53E-06	2	1080.543	-0.37	Pupa	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_67949	VVKPGDHVFVDDGLISLVVESISGDTLTCTVENGGMLGSR	AGAP004596-PA	C29(Carbamidomethyl)	82	4.30E-08	1	4173.095	2.5	Visceras	2R:-:58247341-58247222	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_68526	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl), M17(Oxidation)	105	5.16E-10	1	2118.081	-0.76	Male reproductive organs	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_68914	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	57	2.91E-05	1	2018.032	0.67	Ovary	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_69163	GEYPLECVLTMAK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),C7(Carbamidomethyl)	78	2.34E-07	1	1526.726	1.88	Visceras	2R:-:58246738-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_69335	IENQQGMQNLDK	AGAP004596-PA	M7(Oxidation)	92	7.94E-09	1	1417.674	0.29	Head	2R:-:58247029-58246994	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_70721	VFLAQK	AGAP004596-PA	-	35	0.000891994	1	705.433	4.36	Male reproductive organs	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_71762	LNFSHGSHEYHANTIK	AGAP004596-PA	-	118	2.85E-11	1	1854.889	0.67	Ovary	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_72541	CPIIAVTR	AGAP004596-PA	C1(Carbamidomethyl)	50	0.000114825	2	929.522	-1.4	Visceras	2R:-:58246498-58246475	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_72661	MMATGMNIAR	AGAP004596-PA	M6(Oxidation),"M1(Oxidation), M2(Oxidation), M6(Oxidation)","M2(Oxidation), M6(Oxidation)","M1(Oxidation), M6(Oxidation)",M1(Oxidation)	71	1.04E-06	2	1095.511	0.5	Malpighian tubule	2R:-:58247650-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_72915	DLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	163	5.94E-16	1	2541.313	-6.4	Ovary	2R:-:58246651-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_73220	VQYGIEFGKER	AGAP004596-PA	-	77	2.38E-07	1	1325.686	0.54	Male reproductive organs	2R:-:58246208-58246176	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_73996	AAAIIVITTSGR	AGAP004596-PA	-	102	2.10E-10	2	1172.699	-0.67	Male reproductive organs	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_74819	AGKPVICATQMLESMIK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),"C7(Carbamidomethyl), M15(Oxidation)","C7(Carbamidomethyl), M11(Oxidation), M15(Oxidation)",C7(Carbamidomethyl)	123	6.48E-12	1	1876.973	1.74	Visceras	2R:-:58246882-58246832	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_74837	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	94	1.97E-09	1	1690.938	0.09	Salivary gland	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_75290	IQLTTDKEHLEK	AGAP004596-PA	-	58	1.61E-05	2	1454.784	-0.86	Salivary gland	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_75761	MMATGMNIAR	AGAP004596-PA	M2(Oxidation), M6(Oxidation)	54	2.83E-05	2	1127.500	-0.56	Visceras	2R:-:58247650-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_76346	LSGIICTIGPASVSPEMLEKMMATGMNIAR	AGAP004596-PA	M21(Oxidation), M22(Oxidation), M26(Oxidation),"C6(Carbamidomethyl), M21(Oxidation), M26(Oxidation)","C6(Carbamidomethyl), M21(Oxidation), M22(Oxidation)","C6(Carbamidomethyl), M17(Oxidation), M21(Oxidation), M22(Oxidation)","C6(Carbamidomethyl), M17(Oxidation), M26(Oxidation)","C6(Carbamidomethyl), M17(Oxidation), M22(Oxidation), M26(Oxidation)","C6(Carbamidomethyl), M22(Oxidation), M26(Oxidation)","C6(Carbamidomethyl), M17(Oxidation), M21(Oxidation), M26(Oxidation)","C6(Carb	54	5.27E-05	1	3226.582	5.36	Malpighian tubule	2R:-:58247710-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_76569	IENQQGMQNLDKIIEATDGIMVAR	AGAP004596-PA	M7(Oxidation)	109	1.87E-10	1	2703.350	2.18	Visceras	2R:-:58247029-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_76798	KLGKPFPLAIALDTK	AGAP004596-PA	-	99	1.04E-10	1	1611.987	2.49	Malpighian tubule	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_76872	IENQQGMQNLDK	AGAP004596-PA	M7(Oxidation)	72	7.96E-07	1	1433.668	-0.68	Midgut	2R:-:58247029-58246994	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_77445	QGSGFTNTIR	AGAP004596-PA	-	54	6.95E-05	2	1080.544	0.65	Visceras	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_77630	AAAIIVITTSGR	AGAP004596-PA	-	104	1.21E-10	2	1172.704	3.28	Head	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_78868	DKSDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	49	0.000140782	1	2413.240	0.09	Salivary gland	2R:-:58247167-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_79523	LGKPFPLAIALDTK	AGAP004596-PA	-	69	2.08E-07	1	1483.890	0.79	Malpighian tubule	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_79705	GDLGIEIPAEKVFLAQK	AGAP004596-PA	-	97	6.59E-10	1	1828.029	3.98	Malpighian tubule	2R:-:58246957-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_80258	LNFSHGSHEYHANTIK	AGAP004596-PA	-	109	1.98E-10	1	1854.889	0.6	Pupa	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_81611	IQLTTDKEHLEK	AGAP004596-PA	-	73	5.22E-07	2	1454.785	-0.02	Pupa	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_82182	NLFKDLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	151	4.05E-15	1	3043.623	1.14	Head	2R:-:58246663-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_83261	LNFSHGSHEYHANTIKNIR	AGAP004596-PA	-	126	3.61E-12	1	2238.118	0.7	Malpighian tubule	2R:-:58247620-58247564	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_83399	SAHLISK	AGAP004596-PA	-	45	0.000147845	2	755.441	0.47	Ovary	2R:-:58246531-58246511	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_83669	MMATGMNIAR	AGAP004596-PA	M2(Oxidation),M6(Oxidation),"M2(Oxidation), M6(Oxidation)"	73	4.54E-07	2	1111.505	-0.64	Head	2R:-:58247650-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_84006	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	87	3.75E-08	1	1304.688	0.26	Head	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_84127	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	102	1.14E-09	1	1304.687	-0.77	Malpighian tubule	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_84608	IENQQGMQNLDKIIEATDGIMVAR	AGAP004596-PA	M7(Oxidation), M21(Oxidation),M7(Oxidation)	92	7.73E-09	1	2719.344	1.93	Pupa	2R:-:58247029-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_84930	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), M17(Oxidation)"	137	2.97E-13	1	2118.085	1.09	Malpighian tubule	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_85317	NLFKDLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	110	5.48E-11	1	3043.621	0.41	Pupa	2R:-:58246663-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_85627	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	121	1.85E-12	1	1819.042	5.05	Head	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_85772	GDLGIEIPAEK	AGAP004596-PA	-	75	3.31E-07	1	1141.612	1.85	Malpighian tubule	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_86319	NAAALKEIR	AGAP004596-PA	-	63	4.95E-06	1	985.579	0.31	Malpighian tubule	2R:-:58247101-58247075	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_86422	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	105	8.38E-11	1	1711.996	3.68	Ovary	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_86763	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	71	2.85E-07	1	1711.990	0.17	Male reproductive organs	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_87010	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	73	7.93E-07	1	2018.036	2.61	Malpighian tubule	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_87520	LNFSHGSHEYHANTIK	AGAP004596-PA	-	83	8.62E-08	1	1854.887	-0.66	Salivary gland	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_87701	AEISDVANAIIDGADCVMLSGETAK	AGAP004596-PA	C16(Carbamidomethyl), M18(Oxidation)	104	6.07E-10	2	2566.215	5.22	Visceras	2R:-:58246813-58246739	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_88580	AAAIIVITTSGR	AGAP004596-PA	-	89	3.80E-09	2	1172.701	0.78	Pupa	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_88598	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	76	3.79E-07	1	2574.288	-1.16	Midgut	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_88638	GDLGIEIPAEK	AGAP004596-PA	-	65	3.14E-06	1	1141.611	0.56	Pupa	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_88674	GEYPLECVLTMAK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),C7(Carbamidomethyl)	50	0.000174944	1	1526.726	2.12	Salivary gland	2R:-:58246738-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_88927	QGSGFTNTIR	AGAP004596-PA	-	51	0.000142596	2	1080.543	-0.71	Midgut	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_89190	KLGKPFPLAIALDTK	AGAP004596-PA	-	86	1.87E-09	1	1611.983	-0.39	Pupa	2R:-:58247539-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_89293	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	90	4.86E-09	1	1690.939	1.1	Head	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_90117	QGSGFTNTIR	AGAP004596-PA	Q1(Deamidated)	51	0.000114052	2	1081.526	-1.5	Head	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_90440	CPIIAVTR	AGAP004596-PA	C1(Carbamidomethyl)	41	0.001023382	1	929.522	-1.66	Pupa	2R:-:58246498-58246475	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_90564	IIEATDGIMVAR	AGAP004596-PA	M9(Oxidation)	74	6.53E-07	2	1304.689	0.91	Visceras	2R:-:58246993-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_90571	DKIYVDYVNIVK	AGAP004596-PA	-	92	5.63E-09	1	1468.805	0.47	Visceras	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_90741	AEISDVANAIIDGADCVMLSGETAK	AGAP004596-PA	C16(Carbamidomethyl),"C16(Carbamidomethyl), M18(Oxidation)"	109	1.94E-10	2	2550.214	2.97	Midgut	2R:-:58246813-58246739	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_91234	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	49	5.78E-05	2	1690.942	2.4	Visceras	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_91300	VQYGIEFGK	AGAP004596-PA	-	61	7.44E-06	1	1040.543	1.78	Head	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_92023	TGLIEGSGTGEVELK	AGAP004596-PA	-	55	4.63E-05	2	1489.774	-0.52	Male reproductive organs	2R:-:58247479-58247435	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_92117	LGKPFPLAIALDTKGPEIR	AGAP004596-PA	-	119	1.47E-12	1	2036.195	2.46	Malpighian tubule	2R:-:58247536-58247480	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_92476	EAEAALWHR	AGAP004596-PA	-	42	0.000792667	2	1082.539	1.42	Midgut	2R:-:58246690-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_92585	AAAIIVITTSGR	AGAP004596-PA	-	97	6.23E-10	2	1172.704	3.39	Ovary	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_92641	GDLGIEIPAEK	AGAP004596-PA	-	58	1.56E-05	1	1141.609	-0.98	Male reproductive organs	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_92862	AGKPVICATQMLESMIK	AGAP004596-PA	C7(Carbamidomethyl), M15(Oxidation),"C7(Carbamidomethyl), M11(Oxidation), M15(Oxidation)",C7(Carbamidomethyl)	109	1.68E-10	1	1876.977	4.11	Head	2R:-:58246882-58246832	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_93468	MNPEAVSHLEHICSLDIDSK	AGAP004596-PA	M1(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	122	7.30E-12	1	2295.077	0.88	Visceras	2R:-:58247785-58247726	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_93518	DKSDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	124	3.90E-12	1	2413.245	2.29	Pupa	2R:-:58247167-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_94280	VFLAQK	AGAP004596-PA	-	31	0.002706211	1	705.432	3.06	Larva	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_94734	DKIYVDYVNIVK	AGAP004596-PA	-	87	1.71E-08	1	1468.807	1.47	Malpighian tubule	2R:-:58247377-58247342	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_94819	NLFKDLVDTTPTPLDTAASIAIAGAEASIK	AGAP004596-PA	-	140	6.15E-14	1	3043.622	0.71	Malpighian tubule	2R:-:58246663-58246574	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_95819	LNFSHGSHEYHANTIK	AGAP004596-PA	-	109	1.88E-10	1	1854.889	0.41	Visceras	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_96064	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	108	1.87E-10	1	2558.298	0.71	Visceras	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_96071	NAAALKEIR	AGAP004596-PA	-	63	5.39E-06	1	985.580	1.49	Ovary	2R:-:58247101-58247075	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_96264	AAAIIVITTSGR	AGAP004596-PA	-	92	2.28E-09	2	1172.700	0.06	Salivary gland	2R:-:58246567-58246532	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_96478	DKSDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	128	1.62E-12	1	2413.246	2.37	Malpighian tubule	2R:-:58247167-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_96809	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	91	1.90E-09	1	1711.996	3.75	Salivary gland	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_96920	VFLAQK	AGAP004596-PA	-	37	0.000480005	1	705.430	0.46	Salivary gland	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_97160	AEISDVANAIIDGADCVMLSGETAK	AGAP004596-PA	C16(Carbamidomethyl),"C16(Carbamidomethyl), M18(Oxidation)"	112	9.43E-11	2	2566.214	5.12	Head	2R:-:58246813-58246739	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_97238	GDLGIEIPAEKVFLAQK	AGAP004596-PA	-	42	0.000259538	1	1828.033	6.32	Ovary	2R:-:58246957-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_97328	EAEAALWHR	AGAP004596-PA	-	73	6.74E-07	1	1082.538	-0.16	Malpighian tubule	2R:-:58246690-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_98288	IENQQGMQNLDKIIEATDGIMVAR	AGAP004596-PA	M7(Oxidation), M21(Oxidation)	80	1.35E-07	1	2719.358	7.05	Larva	2R:-:58247029-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_98538	GDLGIEIPAEK	AGAP004596-PA	-	55	3.08E-05	2	1141.612	1.52	Visceras	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_98578	VVKPGDHVFVDDGLISLVVESISGDTLTCTVENGGMLGSR	AGAP004596-PA	C29(Carbamidomethyl), M36(Oxidation)	163	4.25E-16	1	4189.078	-0.38	Ovary	2R:-:58247341-58247222	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_98666	SAHLISK	AGAP004596-PA	-	34	0.001893198	1	755.448	8.95	Male reproductive organs	2R:-:58246531-58246511	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_98991	GILPVIYEQPAMEDWLK	AGAP004596-PA	M12(Oxidation)	58	2.28E-05	2	2002.045	4.54	Visceras	2R:-:58246438-58247794,58246093-58246224	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_100171	IQLTTDKEHLEK	AGAP004596-PA	-	66	1.87E-06	2	1454.789	3.08	Larva	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_100280	GFLKPGNPIVVVTGWKQGSGFTNTIR	AGAP004596-PA	-	140	3.37E-14	1	2773.522	2.53	Malpighian tubule	2R:-:58246175-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_100318	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	74	1.84E-07	1	1690.948	6.09	Larva	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_100321	TGLIEGSGTGEVELKK	AGAP004596-PA	-	77	2.99E-07	1	1617.857	-7.58	Malpighian tubule	2R:-:58247479-58247432	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_101991	DKSDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	143	5.24E-14	1	2413.243	1.3	Head	2R:-:58247167-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_102708	EAEAALWHR	AGAP004596-PA	-	66	3.04E-06	1	1082.537	-0.95	Ovary	2R:-:58246690-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_102800	IISKIENQQGMQNLDK	AGAP004596-PA	M11(Oxidation)	80	1.50E-07	1	1874.966	0.73	Malpighian tubule	2R:-:58247041-58246994	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_104556	GEYPLECVLTMAK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),C7(Carbamidomethyl)	83	7.19E-08	1	1526.725	1.48	Malpighian tubule	2R:-:58246738-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_104561	EAVDNYSK	AGAP004596-PA	-	46	0.000187211	1	925.426	0.23	Malpighian tubule	2R:-:58247563-58247540	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_105083	VQYGIEFGK	AGAP004596-PA	-	55	3.20E-05	1	1040.542	0.45	Midgut	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_105102	QGSGFTNTIR	AGAP004596-PA	-	53	7.88E-05	2	1080.541	-1.95	Salivary gland	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_106375	EAEAALWHR	AGAP004596-PA	-	61	9.93E-06	1	1082.538	0.06	Head	2R:-:58246690-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_106453	MMATGMNIAR	AGAP004596-PA	-	67	2.12E-06	2	1095.512	0.72	Salivary gland	2R:-:58247650-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_106844	GVNLPGVPVDLPAVSEK	AGAP004596-PA	-	49	5.54E-05	2	1690.942	2.48	Pupa	2R:-:58247218-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_107453	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	114	1.14E-11	1	1711.997	4.18	Head	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_107500	IQLTTDKEHLEK	AGAP004596-PA	-	85	3.05E-08	1	1454.782	-1.87	Visceras	2R:-:58247422-58247387	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_107927	ERGFLKPGNPIVVVTGWK	AGAP004596-PA	-	51	1.71E-05	1	1997.139	2.73	Head	2R:-:58246181-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_107985	AGKPVICATQMLESMIK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),"C7(Carbamidomethyl), M11(Oxidation), M15(Oxidation)",C7(Carbamidomethyl)	71	1.06E-06	1	1908.959	0	Salivary gland	2R:-:58246882-58246832	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_108761	VVKPGDHVFVDDGLISLVVESISGDTLTCTVENGGMLGSR	AGAP004596-PA	C29(Carbamidomethyl), M36(Oxidation),C29(Carbamidomethyl)	116	2.27E-11	1	4189.082	0.67	Malpighian tubule	2R:-:58247341-58247222	exon=> In CDS Exon 2 of transcript AGAP004596-PA

JHU_Ag_108978	GEYPLECVLTMAK	AGAP004596-PA	C7(Carbamidomethyl), M11(Oxidation),C7(Carbamidomethyl)	102	1.12E-09	1	1526.730	4.36	Head	2R:-:58246738-58246700	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_109270	LNFSHGSHEYHANTIK	AGAP004596-PA	-	116	3.54E-11	1	1854.887	-0.69	Midgut	2R:-:58247620-58247573	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_109368	EAVDNYSK	AGAP004596-PA	-	57	1.76E-05	2	925.425	-1.17	Midgut	2R:-:58247563-58247540	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_109648	SDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	145	3.11E-14	1	2170.125	3.12	Malpighian tubule	2R:-:58247161-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_110006	VFLAQK	AGAP004596-PA	-	42	0.000171888	1	705.428	-1.35	Pupa	2R:-:58246924-58246907	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_110770	LGKPFPLAIALDTK	AGAP004596-PA	-	78	2.63E-08	1	1483.892	2.33	Head	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_111704	EAEAALWHR	AGAP004596-PA	-	61	9.63E-06	1	1082.536	-1.74	Salivary gland	2R:-:58246690-58246664	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_111766	GILPVIYEQPAMEDWLKDVDAR	AGAP004596-PA	M12(Oxidation)	106	3.53E-10	1	2574.303	4.68	Malpighian tubule	2R:-:58246438-58247794,58246093-58246209	exon=> In CDS Exon 3 and 2 of transcript AGAP004596-PA
JHU_Ag_112005	IENQQGMQNLDKIIEATDGIMVAR	AGAP004596-PA	M7(Oxidation), M21(Oxidation),M7(Oxidation)	72	9.76E-07	1	2703.343	-0.46	Midgut	2R:-:58247029-58246958	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_112267	LGKPFPLAIALDTK	AGAP004596-PA	-	99	2.15E-10	1	1483.889	0.41	Midgut	2R:-:58247536-58247495	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_112326	QGSGFTNTIR	AGAP004596-PA	-	65	5.24E-06	2	1080.543	-0.14	Malpighian tubule	2R:-:58246127-58246098	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_113439	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	104	1.00E-10	1	1819.038	2.97	Pupa	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_113441	LSGIICTIGPASVSPEMLEK	AGAP004596-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), M17(Oxidation)"	123	6.74E-12	1	2118.086	1.78	Ovary	2R:-:58247710-58247651	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_113676	GDLGIEIPAEK	AGAP004596-PA	-	63	4.76E-06	1	1141.615	4.73	Head	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_114326	DKSDLAFGVEQGVDVIFASFIR	AGAP004596-PA	-	93	6.17E-09	1	2413.242	0.92	Ovary	2R:-:58247167-58247102	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_114385	EAVDNYSK	AGAP004596-PA	-	47	0.000172223	1	925.426	-0.63	Head	2R:-:58247563-58247540	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_114548	GDLGIEIPAEK	AGAP004596-PA	-	63	5.16E-06	2	1141.610	0.13	Midgut	2R:-:58246957-58246925	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_115129	ERGFLKPGNPIVVVTGWK	AGAP004596-PA	-	108	3.31E-11	1	1997.139	2.82	Malpighian tubule	2R:-:58246181-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_115513	CPIIAVTR	AGAP004596-PA	C1(Carbamidomethyl)	61	9.83E-06	2	929.526	2.15	Head	2R:-:58246498-58246475	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_115772	VQYGIEFGK	AGAP004596-PA	-	41	0.00069824	1	1040.542	0.92	Ovary	2R:-:58246208-58246182	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_116053	GFLKPGNPIVVVTGWK	AGAP004596-PA	-	111	2.84E-11	1	1711.993	1.97	Pupa	2R:-:58246175-58246128	exon=> In CDS Exon 3 of transcript AGAP004596-PA
JHU_Ag_116195	KGVNLPGVPVDLPAVSEK	AGAP004596-PA	-	50	2.44E-05	1	1819.036	1.72	Male reproductive organs	2R:-:58247221-58247168	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_116368	MMATGMNIAR	AGAP004596-PA	M2(Oxidation), M6(Oxidation)	45	0.000234893	1	1127.499	-1.54	Pupa	2R:-:58247650-58247621	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_116968	IENQQGMQNLDK	AGAP004596-PA	M7(Oxidation)	79	1.54E-07	2	1417.674	0.12	Salivary gland	2R:-:58247029-58246994	exon=> In CDS Exon 2 of transcript AGAP004596-PA
JHU_Ag_57614	GTNESLESILDDIFR	AGAP004597-PA	-	88	2.45E-08	1	1708.839	0.22	Ovary	2R:+:58257926-58257970	exon=> In CDS Exon 2 of transcript AGAP004597-PA
JHU_Ag_205	GNTYVALHDNTLALVK	AGAP004598-PA	-	96	2.44E-09	1	1728.928	-0.25	Midgut	2R:-:58259374-58259327	exon=> In CDS Exon 1 of transcript AGAP004598-PA

JHU_Ag_417	MVINFGAGPAK	AGAP004598-PA	M1(Oxidation)	67	3.08E-06	2	1104.590	2.53	Malpighian tubule	2R:-:58259494-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_1105	SNGFYFCPVEAK	AGAP004598-PA	C7(Carbamidomethyl)	39	0.001118199	2	1418.641	-0.21	Visceras	2R:-:58258327-58258292	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_1305	ELLDVPDNYK	AGAP004598-PA	-	39	0.002017428	1	1205.609	3.45	Pupa	2R:-:58259326-58259494,58258863-58259214	exon=> In CDS Exon 2 and 1 of transcript AGAP004598-PA
JHU_Ag_2578	YTGIADPTQWK	AGAP004598-PA	-	51	0.000126154	2	1279.633	0.85	Head	2R:-:58259042-58259010	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_3468	DLVEYGTSGMSVMEMSHR	AGAP004598-PA	M10(Oxidation), M13(Oxidation), M15(Oxidation),"M10(Oxidation), M15(Oxidation)",M13(Oxidation),M15(Oxidation)," M13(Oxidation), M15(Oxidation)","M10(Oxidation), M13(Oxidation)"	116	1.48E-11	1	2044.877	0.06	Midgut	2R:-:58259428-58259375	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_5902	MVINFGAGPAKLPR	AGAP004598-PA	N-Term(Acetyl), M1(Oxidation)	82	6.73E-08	1	1528.835	2.6	Malpighian tubule	2R:-:58259494-58259453	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_6054	SQLIYDVVAK	AGAP004598-PA	-	64	3.30E-06	2	1135.639	2.47	Malpighian tubule	2R:-:58258357-58258328	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_6810	FGVIFACAQK	AGAP004598-PA	C7(Carbamidomethyl)	56	3.15E-05	2	1140.587	0.11	Visceras	2R:-:58258783-58258754	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_7697	NGGVDEMYR	AGAP004598-PA	N1(Deamidated), M7(Oxidation)	66	1.30E-06	2	1040.446	-0.39	Midgut	2R:-:58258399-58258373	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_10553	KFGVIFACAQK	AGAP004598-PA	C8(Carbamidomethyl)	68	1.59E-06	2	1268.683	0.38	Malpighian tubule	2R:-:58258865-58259235,58258614-58258754	exon=> In CDS Exon 3 and 2 of transcript AGAP004598-PA
JHU_Ag_10946	SNGFYFCPVEAK	AGAP004598-PA	C7(Carbamidomethyl)	49	0.000109529	1	1418.643	1.17	Head	2R:-:58258327-58258292	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_11600	ANSISNTPPTFIIYVMGR	AGAP004598-PA	-	95	4.05E-09	1	1981.030	4.52	Pupa	2R:-:58258648-58258783,58258064-58258421	exon=> In CDS Exon 4 and 3 of transcript AGAP004598-PA
JHU_Ag_12319	GAETLGMQQLK	AGAP004598-PA	M7(Oxidation)	79	2.66E-07	1	1175.611	1.85	Malpighian tubule	2R:-:58258213-58258181	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_12550	YGTVNWVVPK	AGAP004598-PA	-	47	0.000249216	2	1162.625	-0.86	Male reproductive organs	2R:-:58259081-58259052	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_13017	ANSISNTPPTFIIYVMGR	AGAP004598-PA	-	87	2.39E-08	1	1981.028	3.41	Malpighian tubule	2R:-:58258648-58258783,58258064-58258421	exon=> In CDS Exon 4 and 3 of transcript AGAP004598-PA
JHU_Ag_13348	VINFGAGPAK	AGAP004598-PA	-	49	0.000173928	2	973.548	1.77	Visceras	2R:-:58259491-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_15581	MVINFGAGPAKLPR	AGAP004598-PA	M1(Oxidation)	74	4.76E-07	1	1486.821	0.47	Malpighian tubule	2R:-:58259494-58259453	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_15740	NIGPSGITLVIVR	AGAP004598-PA	-	102	1.15E-10	1	1338.812	1.49	Pupa	2R:-:58258753-58258715	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_18107	NIGPSGITLVIVR	AGAP004598-PA	-	75	6.86E-08	2	1338.812	1.49	Visceras	2R:-:58258753-58258715	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_18987	EDLIGHAMPITPTIFDFSVIAK	AGAP004598-PA	M8(Oxidation)	59	1.77E-05	1	2431.263	2.12	Pupa	2R:-:58258714-58258649	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_19851	GAETLGMQQLK	AGAP004598-PA	-	38	0.003171841	2	1175.612	2.27	Head	2R:-:58258213-58258181	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_21621	FGVIFACAQK	AGAP004598-PA	C7(Carbamidomethyl)	51	8.88E-05	1	1140.590	2.67	Malpighian tubule	2R:-:58258783-58258754	exon=> In CDS Exon 3 of transcript AGAP004598-PA

JHU_Ag_22117	EDLIGHAMPITPTIFDFSVIAK	AGAP004598-PA	M8(Oxidation)	113	5.69E-11	1	2431.267	3.85	Midgut	2R:-:58258714-58258649	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_22760	MVINFGAGPAK	AGAP004598-PA	M1(Oxidation)	65	4.85E-06	1	1120.580	-1.36	Midgut	2R:-:58259494-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_24343	VINFGAGPAK	AGAP004598-PA	-	55	3.90E-05	1	973.547	0.2	Malpighian tubule	2R:-:58259491-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_26077	TGKADYLVTGSWSSMAAK	AGAP004598-PA	M15(Oxidation)	87	4.11E-08	1	1888.917	3.01	Malpighian tubule	2R:-:58259147-58259094	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_28425	ANSISNTPPTFIIYVMGR	AGAP004598-PA	M16(Oxidation)	94	5.54E-09	1	1997.023	3.3	Midgut	2R:-:58258648-58258783,58258064-58258421	exon=> In CDS Exon 4 and 3 of transcript AGAP004598-PA
JHU_Ag_32611	EVLVEVQK	AGAP004598-PA	-	63	9.13E-06	1	943.545	-1.06	Pupa	2R:-:58259452-58259429	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_33269	NIGPSGITLVIVR	AGAP004598-PA	-	96	4.69E-10	1	1338.812	1.31	Head	2R:-:58258753-58258715	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_33723	ILLMQGGGTGLFAAVAMNLIGK	AGAP004598-PA	M17(Oxidation),"M4(Oxidation), M17(Oxidation)",M4(Oxidation)	148	7.85E-15	1	2191.201	1.41	Midgut	2R:-:58259213-58259148	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_34141	NIGPSGITLVIVR	AGAP004598-PA	-	100	1.88E-10	1	1338.815	3.59	Malpighian tubule	2R:-:58258753-58258715	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_34505	SQLIYDVVAK	AGAP004598-PA	-	69	1.01E-06	2	1135.636	-0.11	Midgut	2R:-:58258357-58258328	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_34660	VINFGAGPAK	AGAP004598-PA	N-Term(Acetyl)	53	8.50E-05	1	1015.552	-4.84	Midgut	2R:-:58259491-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_37057	VINFGAGPAK	AGAP004598-PA	-	46	0.000537721	1	973.545	-1.49	Ovary	2R:-:58259491-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_37698	NGGVDEMYR	AGAP004598-PA	N1(Deamidated)	63	1.94E-06	2	1041.432	1.6	Malpighian tubule	2R:-:58258399-58258373	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_39453	GAETLGMQQLK	AGAP004598-PA	M7(Oxidation)	81	1.55E-07	1	1191.603	-0.77	Midgut	2R:-:58258213-58258181	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_40807	GAETLGMQQLK	AGAP004598-PA	M7(Oxidation)	42	0.001284337	2	1191.604	0.26	Pupa	2R:-:58258213-58258181	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_40850	VGGPNGDEELEK	AGAP004598-PA	N5(Deamidated)	105	2.25E-10	1	1244.559	-4.15	Midgut	2R:-:58258261-58258226	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_42702	FGVIFACAQK	AGAP004598-PA	C7(Carbamidomethyl)	41	0.000980724	2	1140.590	2.46	Male reproductive organs	2R:-:58258783-58258754	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_43539	SNGFYFCPVEAK	AGAP004598-PA	N2(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	53	3.71E-05	1	1419.625	0.22	Midgut	2R:-:58258327-58258292	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_43639	YGTVNWVVPK	AGAP004598-PA	-	67	2.54E-06	1	1162.628	1.76	Malpighian tubule	2R:-:58259081-58259052	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_45656	QDKYTGIADPTQWK	AGAP004598-PA	-	73	9.26E-07	1	1650.811	-0.65	Midgut	2R:-:58259051-58259010	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_46283	VGGPNGDEELEKQFLK	AGAP004598-PA	N5(Deamidated)	143	7.51E-14	1	1759.891	2.68	Malpighian tubule	2R:-:58258261-58258214	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_47376	QDKYTGIADPTQWK	AGAP004598-PA	-	76	4.21E-07	1	1650.816	2.39	Malpighian tubule	2R:-:58259051-58259010	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_47454	EVLVEVQK	AGAP004598-PA	-	62	7.23E-06	1	943.548	2.69	Malpighian tubule	2R:-:58259452-58259429	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_48516	YTGIADPTQWK	AGAP004598-PA	-	72	1.01E-06	1	1279.630	-1.06	Midgut	2R:-:58259042-58259010	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_52472	MNVPFR	AGAP004598-PA	-	43	0.000726067	2	763.394	2.02	Malpighian tubule	2R:-:58258279-58258262	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_59444	ASLYNAVTVEETTALQQYMLEFLKK	AGAP004598-PA	-	102	5.29E-10	1	2890.506	5.14	Malpighian tubule	2R:-:58258153-58258079	exon=> In CDS Exon 4 of transcript AGAP004598-PA

JHU_Ag_60689	ASLYNAVTVEETTALQQYMLEFLK	AGAP004598-PA	-	65	3.79E-06	1	2762.397	0.44	Midgut	2R:-:58258153-58258082	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_60767	GNTYVALHDNTLALVK	AGAP004598-PA	-	99	1.05E-09	1	1728.929	0.88	Malpighian tubule	2R:-:58259374-58259327	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_61724	VGGPNGDEELEK	AGAP004598-PA	-	71	9.61E-07	1	1243.580	-0.32	Visceras	2R:-:58258261-58258226	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_63053	VINFGAGPAK	AGAP004598-PA	-	52	0.000120658	1	973.544	-2.98	Head	2R:-:58259491-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_65456	MVINFGAGPAKLPR	AGAP004598-PA	N-Term(Acetyl)	39	0.000785944	2	1512.851	9.84	Malpighian tubule	2R:-:58259494-58259453	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_66303	GNTYVALHDNTLALVK	AGAP004598-PA	-	93	4.59E-09	1	1728.931	1.73	Pupa	2R:-:58259374-58259327	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_66347	VINFGAGPAK	AGAP004598-PA	-	42	0.000834372	1	973.551	4.04	Salivary gland	2R:-:58259491-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_67485	SRMNVPFR	AGAP004598-PA	-	35	0.003836417	1	1006.526	0.89	Malpighian tubule	2R:-:58258285-58258262	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_71633	VGGPNGDEELEK	AGAP004598-PA	N5(Deamidated)	99	1.57E-09	1	1243.581	0.46	Pupa	2R:-:58258261-58258226	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_71853	ELLDVPDNYK	AGAP004598-PA	-	66	4.39E-06	1	1205.605	0.18	Midgut	2R:-:58259326-58259494,58258863-58259214	exon=> In CDS Exon 2 and 1 of transcript AGAP004598-PA
JHU_Ag_74249	VGGPNGDEELEKQFLK	AGAP004598-PA	N5(Deamidated)	125	4.36E-12	1	1759.889	1.43	Midgut	2R:-:58258261-58258214	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_76140	NIGPSGITLVIVR	AGAP004598-PA	-	82	1.22E-08	1	1338.811	0.76	Ovary	2R:-:58258753-58258715	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_76663	MNVPFR	AGAP004598-PA	-	43	0.000820216	2	763.391	-1.02	Pupa	2R:-:58258279-58258262	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_76879	YGTVNWVVPK	AGAP004598-PA	-	58	1.91E-05	2	1162.625	-0.13	Visceras	2R:-:58259081-58259052	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_78227	YTGIADPTQWK	AGAP004598-PA	-	55	4.92E-05	1	1279.636	3.43	Malpighian tubule	2R:-:58259042-58259010	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_83168	NIGPSGITLVIVR	AGAP004598-PA	-	86	4.83E-09	2	1338.810	-0.15	Midgut	2R:-:58258753-58258715	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_85646	MVINFGAGPAK	AGAP004598-PA	N-Term(Acetyl), M1(Oxidation)	56	4.63E-05	2	1162.593	0.63	Midgut	2R:-:58259494-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_86961	ADYLVTGSWSSMAAK	AGAP004598-PA	M12(Oxidation)	122	9.18E-12	1	1586.759	4.31	Malpighian tubule	2R:-:58259138-58259094	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_88130	NIGPSGITLVIVR	AGAP004598-PA	-	74	7.59E-08	2	1338.816	4.22	Salivary gland	2R:-:58258753-58258715	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_89151	KFGVIFACAQK	AGAP004598-PA	C8(Carbamidomethyl)	51	8.07E-05	1	1268.681	-0.61	Midgut	2R:-:58258865-58259235,58258614-58258754	exon=> In CDS Exon 3 and 2 of transcript AGAP004598-PA
JHU_Ag_90966	VFAWIK	AGAP004598-PA	-	39	0.000793523	1	763.453	3.06	Malpighian tubule	2R:-:58258420-58258403	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_93607	DLVEYGTSGMSVMEMSHR	AGAP004598-PA	M10(Oxidation), M13(Oxidation), M15(Oxidation)	36	0.001114934	1	2076.874	3.42	Head	2R:-:58259428-58259375	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_94818	YGTVNWVVPK	AGAP004598-PA	-	59	1.51E-05	2	1162.625	-0.13	Midgut	2R:-:58259081-58259052	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_95983	EVLVEVQK	AGAP004598-PA	-	67	2.61E-06	1	943.548	2.56	Midgut	2R:-:58259452-58259429	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_96991	VGGPNGDEELEK	AGAP004598-PA	N5(Deamidated)	99	1.44E-09	1	1243.581	0.66	Head	2R:-:58258261-58258226	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_97729	FGVIFACAQK	AGAP004598-PA	C7(Carbamidomethyl)	48	0.000241 62	2	1140.588	0.53	Midgut	2R:-:58258783-58258754	exon=> In CDS Exon 3 of transcript AGAP004598-PA

JHU_Ag_102008	MVINFGAGPAK	AGAP004598-PA	N-Term(Acetyl)	83	9.42E-08	2	1146.600	2.16	Malpighian tubule	2R:-:58259494-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_102112	VINFGAGPAKLPR	AGAP004598-PA	-	88	4.72E-09	1	1339.787	1.57	Malpighian tubule	2R:-:58259491-58259453	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_103036	SQLIYDVVAK	AGAP004598-PA	-	46	0.000208013	2	1135.638	1.61	Visceras	2R:-:58258357-58258328	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_104590	EVLVEVQKDLVEYGTSGMSVMEMSHR	AGAP004598-PA	M18(Oxidation), M21(Oxidation),"M21(Oxidation), M23(Oxidation)","M18(Oxidation), M23(Oxidation)","M18(Oxidation), M21(Oxidation), M23(Oxidation)"	127	2.94E-12	1	2985.409	2.96	Malpighian tubule	2R:-:58259452-58259375	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_107028	SNGFYFCPVEAK	AGAP004598-PA	N2(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	53	3.78E-05	1	1419.628	1.94	Malpighian tubule	2R:-:58258327-58258292	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_111291	QDKYTGIADPTQWK	AGAP004598-PA	-	45	0.000535447	2	1650.814	1.05	Pupa	2R:-:58259051-58259010	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_111961	ELLDVPDNYK	AGAP004598-PA	-	43	0.000944653	2	1205.607	1.63	Malpighian tubule	2R:-:58259326-58259494,582588 63-58259214	exon=> In CDS Exon 2 and 1 of transcript AGAP004598-PA
JHU_Ag_113646	VGGPNGDEELEK	AGAP004598-PA	N5(Deamidated)	91	6.48E-09	1	1244.567	2.03	Malpighian tubule	2R:-:58258261-58258226	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_114140	EDLIGHAMPITPTIFDFSVIAK	AGAP004598-PA	M8(Oxidation)	55	4.12E-05	3	2431.258	0.16	Ovary	2R:-:58258714-58258649	exon=> In CDS Exon 3 of transcript AGAP004598-PA
JHU_Ag_114800	ASLYNAVTVEETTALQQYMLEFLKK	AGAP004598-PA	M19(Oxidation)	79	1.15E-07	1	2906.486	0.17	Midgut	2R:-:58258153-58258079	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_114864	VINFGAGPAKLPR	AGAP004598-PA	N-Term(Acetyl)	33	0.001707965	1	1381.795	0.15	Malpighian tubule	2R:-:58259491-58259453	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_115342	ADYLVTGSWSSMAAK	AGAP004598-PA	M12(Oxidation)	121	9.64E-12	1	1602.746	-0.55	Midgut	2R:-:58259138-58259094	exon=> In CDS Exon 2 of transcript AGAP004598-PA
JHU_Ag_116132	GNTYVALHDNTLALVK	AGAP004598-PA	-	107	1.80E-10	1	1728.931	1.73	Head	2R:-:58259374-58259327	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_116171	GAETLGMQQLKGHR	AGAP004598-PA	M7(Oxidation)	51	8.85E-05	1	1525.794	2.53	Malpighian tubule	2R:-:58258213-58258172	exon=> In CDS Exon 4 of transcript AGAP004598-PA
JHU_Ag_117441	VINFGAGPAK	AGAP004598-PA	-	56	3.36E-05	1	973.546	-0.6	Midgut	2R:-:58259491-58259462	exon=> In CDS Exon 1 of transcript AGAP004598-PA
JHU_Ag_117756	QTAELENQMTSVER	AGAP004602-PA,AGAP004600-PA	-	34	0.004768 62	2	1635.746	-10.98	Head	2R:-:58309065-58309024;2R:-:58301308-58301267	exon=> In CDS Exon 10 of transcript AGAP004602-PA;exon=> In CDS Exon 4 of transcript AGAP004600-PA
JHU_Ag_75510	STTAGDGLNGK	AGAP004603-PA	-	37	0.003941288	2	1020.500	4.58	Salivary gland	2R:-:58322645-58322613	exon=> In CDS Exon 2 of transcript AGAP004603-PA
JHU_Ag_25059	APINKPIEPEK	AGAP004604-PA	-	63	2.46E-06	1	1235.702	1.7	Head	2R:+:58299053-58299053,582991 42-58299173	exon=> In CDS Exon 2 and 3 of transcript AGAP004604-PA
JHU_Ag_22084	NSSQTGATQNTLPHDFFDDAANSANAPSSIRK	AGAP004605-PA	-	66	3.24E-06	1	3362.586	6.61	Ovary	2R:-:58337201-58337106	exon=> In CDS Exon 2 of transcript AGAP004605-PA
JHU_Ag_32462	VHRGDVVAALEALIN	AGAP004606-PA	-	38	0.000881 64	1	1576.888	4.53	Malpighian tubule	2R:+:58339307-58339351	exon=> In CDS Exon 3 of transcript AGAP004606-PA
JHU_Ag_39552	EITSHNLCSNAANLFEDKR	AGAP004606-PA	C8(Carbamidomethyl)	134	6.65E-13	1	2219.055	1.6	Ovary	2R:+:58338966-58338995,583390 88-58339114	exon=> In CDS Exon 1 and 2 of transcript AGAP004606-PA

JHU_Ag_48970	KEDIELIIR	AGAP004606-PA	-	73	3.91E-07	1	1128.663	0.68	Ovary	2R:+:58339175-58339195,58339259-58339264	exon=> In CDS Exon 2 and 3 of transcript AGAP004606-PA
JHU_Ag_49438	ADLEAVNGVDDANDKK	AGAP004606-PA	N-Term(Acetyl)	105	5.20E-10	1	1715.810	1.24	Head	2R:+:58338846-58338893	exon=> In CDS Exon 1 of transcript AGAP004606-PA
JHU_Ag_58044	GDVVAALEALIN	AGAP004606-PA	-	71	7.69E-07	2	1184.654	1.91	Ovary	2R:+:58339316-58339351	exon=> In CDS Exon 3 of transcript AGAP004606-PA
JHU_Ag_87022	ADLEAVNGVDDANDKK	AGAP004606-PA	N-Term(Acetyl)	111	1.16E-10	1	1715.812	2.09	Malpighian tubule	2R:+:58338846-58338893	exon=> In CDS Exon 1 of transcript AGAP004606-PA
JHU_Ag_96391	HDGGAADLER	AGAP004606-PA	-	71	7.29E-07	1	1040.476	0.36	Ovary	2R:+:58338912-58338941	exon=> In CDS Exon 1 of transcript AGAP004606-PA
JHU_Ag_101032	EDIELIIR	AGAP004606-PA	-	42	0.001013592	2	1000.568	0.28	Ovary	2R:+:58339178-58339195,58339259-58339264	exon=> In CDS Exon 2 and 3 of transcript AGAP004606-PA
JHU_Ag_104404	ADLEAVNGVDDANDKK	AGAP004606-PA	N-Term(Acetyl)	106	3.79E-10	1	1715.812	2.16	Ovary	2R:+:58338846-58338893	exon=> In CDS Exon 1 of transcript AGAP004606-PA
JHU_Ag_2895	IKPFLMMDSGLFKPPGEEPQGTAEETEEAELQSDTYELEGSEHDPAVK	AGAP004609-PA	M6(Oxidation), M7(Oxidation)	116	1.64E-11	1	5338.442	-0.76	Malpighian tubule	2R:-:58357667-58357524	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_3517	AGGGEKPPVEYDPATQELINK	AGAP004609-PA	-	56	3.48E-05	1	2213.114	2.42	Salivary gland	2R:-:58357403-58357341	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_4246	TEAEELENAALK	AGAP004609-PA	-	78	3.01E-07	2	1317.659	4.3	Ovary	2R:-:58357961-58357926	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_8511	IIHRENINDDYCDCDDGSDEPGTAACPSGIFHCTNAGYK	AGAP004609-PA	C12(Carbamidomethyl), C14(Carbamidomethyl), C26(Carbamidomethyl), C33(Carbamidomethyl)	83	9.21E-09	1	4444.836	2.81	Malpighian tubule	2R:-:58358369-58358253	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_10515	AEAEALKQEK	AGAP004609-PA	-	78	2.69E-07	1	1116.589	-0.17	Malpighian tubule	2R:-:58358003-58357974	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_15031	AGGGEKPPVEYDPATQELINK	AGAP004609-PA	-	101	1.15E-09	1	2213.117	3.75	Malpighian tubule	2R:-:58357403-58357341	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_16272	TEAEELENAALK	AGAP004609-PA	-	50	0.000162854	2	1317.653	-0.24	Midgut	2R:-:58357961-58357926	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_17906	SAVVHLECGLDTR	AGAP004609-PA	C8(Carbamidomethyl)	61	1.28E-05	1	1456.721	0	Midgut	2R:-:58356937-58356899	exon=> In CDS Exon 2 of transcript AGAP004609-PA
JHU_Ag_22751	ATLKTEAEELENAALK	AGAP004609-PA	-	65	3.47E-06	1	1730.917	-0.08	Malpighian tubule	2R:-:58357973-58357926	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_25583	GVSIAQASLYEDR	AGAP004609-PA	-	65	4.87E-06	2	1408.710	2.41	Visceras	2R:-:58358447-58358409	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_26358	NRDGAVTEDEAR	AGAP004609-PA	-	35	0.003215062	2	1332.615	0.84	Ovary	2R:-:58357766-58357731	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_27195	AGGGEKPPVEYDPATQELINK	AGAP004609-PA	-	130	1.37E-12	1	2213.122	6.06	Midgut	2R:-:58357403-58357341	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_40888	AGGGEKPPVEYDPATQELINK	AGAP004609-PA	-	92	8.49E-09	1	2213.110	0.52	Ovary	2R:-:58357403-58357341	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_42688	ATLKTEAEELENAALK	AGAP004609-PA	-	45	0.000297875	2	1730.926	4.94	Head	2R:-:58357973-58357926	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_46430	DGAVTEDEAR	AGAP004609-PA	-	38	0.001129403	2	1062.470	-0.09	Head	2R:-:58357760-58357731	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_48114	TGSGQFVCLDGK	AGAP004609-PA	C8(Carbamidomethyl)	63	4.90E-06	2	1268.592	-1.53	Malpighian tubule	2R:-:58358408-58358373	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_54002	TGSGQFVCLDGKK	AGAP004609-PA	C8(Carbamidomethyl)	55	5.17E-05	1	1396.689	0.16	Malpighian tubule	2R:-:58358408-58358370	exon=> In CDS Exon 1 of transcript AGAP004609-PA

JHU_Ag_55153	MQTPAACLYQEEQSNGSK	AGAP004609-PA	M1(Oxidation), C7(Carbamidomethyl)	53	2.90E-05	1	2057.885	-2.52	Malpighian tubule	2R:-:58356853-58356800	exon=> In CDS Exon 2 of transcript AGAP004609-PA
JHU_Ag_58787	VLSVTEPNR	AGAP004609-PA	-	46	0.000284717	2	1014.557	-0.45	Malpighian tubule	2R:-:58356898-58356872	exon=> In CDS Exon 2 of transcript AGAP004609-PA
JHU_Ag_60362	AGGGEKPPVEYDPATQELINKANEAR	AGAP004609-PA	-	108	1.95E-10	1	2754.378	3.13	Malpighian tubule	2R:-:58357403-58357326	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_64446	GVSIAQASLYEDR	AGAP004609-PA	-	90	1.80E-08	2	1408.710	2.06	Salivary gland	2R:-:58358447-58358409	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_67070	TGSGQFVCLDGK	AGAP004609-PA	C8(Carbamidomethyl)	61	8.31E-06	2	1268.590	-3.16	Midgut	2R:-:58358408-58358373	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_67475	TEAEELENAALK	AGAP004609-PA	-	56	3.85E-05	2	1317.660	4.76	Head	2R:-:58357961-58357926	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_68646	DEEFAALNGECFNFEDR	AGAP004609-PA	C11(Carbamidomethyl)	97	7.37E-10	2	2062.847	0.93	Head	2R:-:58357235-58357185	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_72308	LGTWDRWNGPGDYSAMIYSNGAPCWNGPQR	AGAP004609-PA	M16(Oxidation), C24(Carbamidomethyl)	32	0.005243 83	1	3442.534	6.35	Malpighian tubule	2R:-:58357027-58356938	exon=> In CDS Exon 2 of transcript AGAP004609-PA
JHU_Ag_73660	TEAEELENAALK	AGAP004609-PA	-	88	2.87E-08	2	1317.654	0.41	Malpighian tubule	2R:-:58357961-58357926	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_86534	AGGGEKPPVEYDPATQELINK	AGAP004609-PA	-	103	7.42E-10	1	2213.115	2.75	Head	2R:-:58357403-58357341	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_89115	LADLDKNR	AGAP004609-PA	-	44	0.000697107	2	944.515	-0.56	Ovary	2R:-:58358027-58358004	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_92204	AEAEALKQEK	AGAP004609-PA	-	37	0.003654994	2	1116.586	-3.67	Ovary	2R:-:58358003-58357974	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_92751	GVSIAQASLYEDR	AGAP004609-PA	-	73	8.06E-07	2	1408.703	-2.53	Midgut	2R:-:58358447-58358409	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_94074	GVSIAQASLYEDR	AGAP004609-PA	-	101	1.42E-09	2	1408.713	4.14	Ovary	2R:-:58358447-58358409	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_94907	KYDSNQNQMLELVELQTR	AGAP004609-PA	M9(Oxidation)	59	1.83E-05	1	2225.085	-0.71	Malpighian tubule	2R:-:58357835-58357782	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_101425	AGGGEKPPVEYDPATQELINK	AGAP004609-PA	-	69	1.86E-06	1	2213.123	6.56	Visceras	2R:-:58357403-58357341	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_101726	ENINDDYCDCDDGSDEPGTAACPSGIFHCTNAGYK	AGAP004609-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl), C29(Carbamidomethyl)	107	1.31E-11	1	3925.504	2.28	Head	2R:-:58358357-58358253	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_108434	GVSIAQASLYEDR	AGAP004609-PA	-	90	1.48E-08	2	1408.708	0.85	Head	2R:-:58358447-58358409	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_108766	LADLDKNR	AGAP004609-PA	-	45	0.000625337	1	944.518	1.7	Malpighian tubule	2R:-:58358027-58358004	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_114437	SAVVHLECGLDTR	AGAP004609-PA	C8(Carbamidomethyl)	55	4.77E-05	1	1456.722	0.43	Malpighian tubule	2R:-:58356937-58356899	exon=> In CDS Exon 2 of transcript AGAP004609-PA
JHU_Ag_116187	KYDSNQNQMLELVELQTR	AGAP004609-PA	-	46	0.000388 9	1	2209.094	0.99	Ovary	2R:-:58357835-58357782	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_117385	GVSIAQASLYEDR	AGAP004609-PA	-	99	2.01E-09	1	1408.709	1.28	Malpighian tubule	2R:-:58358447-58358409	exon=> In CDS Exon 1 of transcript AGAP004609-PA
JHU_Ag_9481	LLGMGDIEGLIDKVNELK	AGAP004610-PA	M4(Oxidation)	96	2.32E-09	1	1973.060	-1.21	Ovary	2R:-:58360841-58360788	exon=> In CDS Exon 2 of transcript AGAP004610-PA
JHU_Ag_23925	VDIGSVIITK	AGAP004610-PA	-	81	4.75E-08	1	1044.628	-2.04	Male reproductive organs	2R:-:58361076-58361047	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_30390	SVIDFDEMAGGLNK	AGAP004610-PA	M8(Oxidation)	116	2.85E-11	1	1511.706	1.07	Ovary	2R:-:58361622-58361581	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_31668	DMYEQFQNIMK	AGAP004610-PA	M2(Oxidation), M10(Oxidation)	81	4.74E-08	1	1478.630	0.82	Ovary	2R:-:58360730-58360698	exon=> In CDS Exon 2 of transcript AGAP004610-PA

JHU_Ag_33989	LVDPGVKPYQPIK	AGAP004610-PA	-	36	0.000881 18	1	1453.844	1.75	Ovary	2R:-:58361538-58361500	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_34121	ITNALHSLSK	AGAP004610-PA	-	48	0.000108 362	1	1083.615	-0.52	Ovary	2R:-:58361766-58361737	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_36167	QLQQGAGGLGNLMSGFGGK	AGAP004610-PA	M13(Oxidation)	53	7.79E-05	2	1835.913	3.23	Salivary gland	2R:-:58360183-58360127	exon=> In CDS Exon 3 of transcript AGAP004610-PA
JHU_Ag_46083	GGGALSAVAATNSPIIFIGTGEHIDDLEPFK	AGAP004610-PA	-	115	2.71E-11	1	3097.589	1.41	Ovary	2R:-:58361028-58361793,58360674-58360863	exon=> In CDS Exon 2 and 1 of transcript AGAP004610-PA
JHU_Ag_51139	MIQSAVFK	AGAP004610-PA	M1(Oxidation)	37	0.001575 762	2	939.497	0.14	Ovary	2R:-:58361574-58361551	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_51206	LVDPGVKPYQPIK	AGAP004610-PA	-	49	5.07E-05	1	1453.843	1.4	Salivary gland	2R:-:58361538-58361500	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_65239	ATIINEEVLDSMLK	AGAP004610-PA	M12(Oxidation)	90	1.48E-08	1	1591.823	-1.28	Ovary	2R:-:58361736-58361695	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_76508	IPFYGSYTEVDPVTIAQDGVEMFKK	AGAP004610-PA	M22(Oxidation)	160	1.40E-15	1	2850.385	-2.13	Ovary	2R:-:58361325-58361251	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_83926	EGFEFIIVDTSGR	AGAP004610-PA	-	77	2.66E-07	2	1469.731	2.7	Salivary gland	2R:-:58361250-58361212	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_84328	SVIDFDEMAGGLNK	AGAP004610-PA	M8(Oxidation)	59	1.51E-05	2	1511.705	-0.06	Male reproductive organs	2R:-:58361622-58361581	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_84375	GRPNVIMFVGLQGSGK	AGAP004610-PA	M7(Oxidation)	84	4.39E-08	1	1675.898	1.75	Male reproductive organs	2R:-:58361499-58361452	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_91899	GRPNVIMFVGLQGSGK	AGAP004610-PA	-	53	4.43E-05	1	1659.905	2.71	Salivary gland	2R:-:58361499-58361452	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_104083	KITNALHSLSK	AGAP004610-PA	-	56	1.09E-05	1	1211.711	0.28	Ovary	2R:-:58361769-58361737	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_108088	AGAYDQIK	AGAP004610-PA	-	45	0.000435 866	2	865.446	5.44	Salivary gland	2R:-:58361370-58361347	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_109522	VDIGSVIITK	AGAP004610-PA	-	70	4.14E-07	2	1044.633	2.63	Salivary gland	2R:-:58361076-58361047	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_110487	EGFEFIIVDTSGR	AGAP004610-PA	-	83	7.36E-08	2	1469.723	-2.87	Male reproductive organs	2R:-:58361250-58361212	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_114131	KITNALHSLSK	AGAP004610-PA	-	31	0.003151 048	1	1211.713	2.25	Malpighian tubule	2R:-:58361769-58361737	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_116286	VDIGSVIITK	AGAP004610-PA	-	39	0.000660 503	2	1044.629	-0.76	Ovary	2R:-:58361076-58361047	exon=> In CDS Exon 1 of transcript AGAP004610-PA
JHU_Ag_38068	VFHGVPHPDKLFYQAGQFIAR	AGAP004612-PA	-	44	0.000339 466	1	2427.280	3.21	Ovary	2R:+:58393189-58393251	exon=> In CDS Exon 2 of transcript AGAP004612-PA
JHU_Ag_44746	QSIWMMENFPK	AGAP004612-PA	-	48	0.000186 606	1	1410.661	4.8	Malpighian tubule	2R:+:58393503-58393535	exon=> In CDS Exon 3 of transcript AGAP004612-PA
JHU_Ag_65695	VIPNINEYEQGVIYGDFNEHNIIVNK	AGAP004612-PA	-	57	2.22E-05	1	3031.525	2.9	Malpighian tubule	2R:+:58393617-58393694	exon=> In CDS Exon 3 of transcript AGAP004612-PA
JHU_Ag_65775	DIVEQVLDAFQR	AGAP004612-PA	-	70	1.58E-06	2	1432.752	6.35	Midgut	2R:+:58393578-58393613	exon=> In CDS Exon 3 of transcript AGAP004612-PA
JHU_Ag_94740	DIVEQVLDAFQR	AGAP004612-PA	-	94	7.53E-09	1	1432.747	2.86	Malpighian tubule	2R:+:58393578-58393613	exon=> In CDS Exon 3 of transcript AGAP004612-PA
JHU_Ag_99942	LLEYIPGK	AGAP004612-PA	-	39	0.000949 124	2	932.547	2.26	Malpighian tubule	2R:+:58393165-58393188	exon=> In CDS Exon 2 of transcript AGAP004612-PA
JHU_Ag_101803	VFHGVPHPDKLFYQAGQFIAR	AGAP004612-PA	-	79	9.82E-08	1	2427.278	2.31	Malpighian tubule	2R:+:58393189-58393251	exon=> In CDS Exon 2 of transcript AGAP004612-PA
JHU_Ag_11118	EVSINR	AGAP004615-PA	-	39	0.002553 973	2	717.390	1.29	Midgut	2R:+:58513648-58513665	exon=> In CDS Exon 3 of transcript AGAP004615-PA
JHU_Ag_3247	ASDPIQQLFVTK	AGAP004616-PA	-	94	5.38E-09	1	1346.731	-0.19	Ovary	2R:-:58515355-58515320	exon=> In CDS Exon 1 of transcript AGAP004616-PA

JHU_Ag_6660	LVDATPEIQR	AGAP004616-PA	-	53	3.83E-05	2	1141.624	2.71	Malpighian tubule	2R:-:58515204-58515175	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_19293	LVDATPEIQR	AGAP004616-PA	-	34	0.003642956	2	1141.622	1	Visceras	2R:-:58515204-58515175	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_21213	LVDATPEIQR	AGAP004616-PA	-	46	0.000244309	2	1141.617	-3.92	Midgut	2R:-:58515204-58515175	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_23582	LVDATPEIQR	AGAP004616-PA	-	39	0.00099967	1	1141.623	1.75	Salivary gland	2R:-:58515204-58515175	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_25540	ASDPIQQLFVTK	AGAP004616-PA	-	81	1.33E-07	2	1346.726	-3.9	Midgut	2R:-:58515355-58515320	exon=> In CDS Exon 1 of transcript AGAP004616-PA
JHU_Ag_35534	ASDPIQQLFVTK	AGAP004616-PA	-	56	2.97E-05	2	1346.737	3.8	Visceras	2R:-:58515355-58515320	exon=> In CDS Exon 1 of transcript AGAP004616-PA
JHU_Ag_39580	LREYAQK	AGAP004616-PA	-	38	0.001796357	1	907.501	1.02	Head	2R:-:58515319-58515299	exon=> In CDS Exon 1 of transcript AGAP004616-PA
JHU_Ag_41757	QYGGGQGEDMTAFPAFK	AGAP004616-PA	M10(Oxidation)	126	2.64E-12	1	1803.796	-2.53	Midgut	2R:-:58515141-58515091	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_43865	QYGGGQGEDMTAFPAFK	AGAP004616-PA	M10(Oxidation),Q6(Deamidated)	125	2.64E-12	1	1819.801	2.7	Head	2R:-:58515141-58515091	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_44245	QYGGGQGEDMTAFPAFK	AGAP004616-PA	-	100	1.09E-09	1	1803.805	2.34	Malpighian tubule	2R:-:58515141-58515091	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_52185	LVDATPEIQR	AGAP004616-PA	-	60	9.71E-06	1	1141.619	-1.99	Ovary	2R:-:58515204-58515175	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_69703	QYGGGQGEDMTAFPAFK	AGAP004616-PA	M10(Oxidation)	108	1.21E-10	1	1819.796	0.15	Ovary	2R:-:58515141-58515091	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_74099	ASDPIQQLFVTK	AGAP004616-PA	Q6(Deamidated),Q7(Deamidated)	107	3.01E-10	1	1346.733	1.17	Head	2R:-:58515355-58515320	exon=> In CDS Exon 1 of transcript AGAP004616-PA
JHU_Ag_89098	IDPINSSA	AGAP004616-PA	-	40	0.001318807	2	816.409	-0.72	Ovary	2R:-:58515075-58515052	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_92170	MLTNQILSAAR	AGAP004616-PA	M1(Oxidation), N4(Deamidated)	40	0.001364118	1	1234.653	5.92	Salivary gland	2R:-:58515445-58515413	exon=> In CDS Exon 1 of transcript AGAP004616-PA
JHU_Ag_93140	FEEPKIDPINSSA	AGAP004616-PA	-	49	0.000191748	2	1446.707	-2.91	Midgut	2R:-:58515090-58515052	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_96984	IDPINSSA	AGAP004616-PA	-	37	0.001506423	2	816.408	-1.99	Midgut	2R:-:58515075-58515052	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_105028	ASDPIQQLFVTK	AGAP004616-PA	-	89	1.45E-08	1	1346.737	4.34	Malpighian tubule	2R:-:58515355-58515320	exon=> In CDS Exon 1 of transcript AGAP004616-PA
JHU_Ag_106919	SQSAGGKLVDATPEIQR	AGAP004616-PA	-	120	1.29E-11	1	1756.920	0.68	Malpighian tubule	2R:-:58515298-58515445,58515049-58515175	exon=> In CDS Exon 2 and 1 of transcript AGAP004616-PA
JHU_Ag_117001	LVDATPEIQR	AGAP004616-PA	-	47	0.000184503	2	1141.620	-1.14	Head	2R:-:58515204-58515175	exon=> In CDS Exon 2 of transcript AGAP004616-PA
JHU_Ag_24729	SISQVVESFSR	AGAP004618-PA	-	61	1.30E-05	2	1238.642	3.28	Larva	2R:-:58541322-58541290	exon=> In CDS Exon 1 of transcript AGAP004618-PA
JHU_Ag_24765	VLALVK	AGAP004621-PA	-	22	0.002952654	1	642.454	-1.26	Male reproductive organs	2R:-:58622365-58622348	exon=> In CDS Exon 1 of transcript AGAP004621-PA
JHU_Ag_37201	IDAIKPGETAEAFQIR	AGAP004621-PA	-	78	1.66E-07	1	1758.947	4.83	Male reproductive organs	2R:-:58623610-58623563	exon=> In CDS Exon 1 of transcript AGAP004621-PA
JHU_Ag_98439	IVLPTEHQQLAENVR	AGAP004621-PA	-	84	3.90E-08	2	1746.947	-1.69	Male reproductive organs	2R:-:58622233-58622189	exon=> In CDS Exon 1 of transcript AGAP004621-PA
JHU_Ag_4023	GGIIIDPAK	AGAP004622-PA	-	41	0.000173847	1	883.525	0.32	Male reproductive organs	2R:+:58624431-58624457	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_14850	IIAEGANGPTTPAADK	AGAP004622-PA	N7(Deamidated)	119	1.75E-11	1	1525.786	0.28	Male reproductive organs	2R:+:58625079-58625126	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_23668	IIAEGANGPTTPAADKILQER	AGAP004622-PA	N7(Deamidated)	88	1.25E-08	1	2165.155	-0.4	Male reproductive organs	2R:+:58625079-58625141	exon=> In CDS Exon 1 of transcript AGAP004622-PA

JHU_Ag_27249	CACVNVPFGGAK	AGAP004622-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), N5(Deamidated)	70	9.94E-07	1	1280.576	-0.14	Malpighian tubule	2R:+:58624395-58624430	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_29947	EVLASVQESLR	AGAP004622-PA	-	80	1.46E-07	1	1230.669	-0.02	Male reproductive organs	2R:+:58625274-58625306	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_33897	IIAEGANGPTTPAADK	AGAP004622-PA	-	68	1.86E-06	1	1525.786	0.04	Malpighian tubule	2R:+:58625079-58625126	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_34986	GVYIATNCFTR	AGAP004622-PA	N7(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	77	2.64E-07	1	1301.630	-0.33	Male reproductive organs	2R:+:58624704-58624736	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_35153	SYEEAGLSM	AGAP004622-PA	M9(Oxidation)	32	0.001112881	1	1002.408	-0.35	Male reproductive organs	2R:+:58625514-58625540	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_38076	YTVELAK	AGAP004622-PA	-	41	0.000556957	2	823.455	-0.64	Male reproductive organs	2R:+:58624494-58624514	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_39529	NFIGPGIDVPAPDMGTTSR	AGAP004622-PA	M14(Oxidation)	102	1.00E-09	1	1960.940	-1.81	Male reproductive organs	2R:+:58624518-58624574	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_40905	GIMNVASQHQLCLDIR	AGAP004622-PA	M3(Oxidation), C12(Carbamidomethyl)	80	1.68E-07	2	1870.928	0.99	Male reproductive organs	2R:+:58625427-58625474	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_40985	CACVNVPFGGAK	AGAP004622-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), N5(Deamidated)	81	8.62E-08	1	1280.575	-0.62	Visceras	2R:+:58624395-58624430	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_41356	CACVNVPFGGAK	AGAP004622-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), N5(Deamidated)	69	1.54E-06	1	1280.575	-0.71	Midgut	2R:+:58624395-58624430	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_42612	EMSWIADQYGK	AGAP004622-PA	M2(Oxidation)	54	2.12E-05	1	1343.595	0.87	Male reproductive organs	2R:+:58624575-58624607	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_43795	HLECIPNERDPPFSK	AGAP004622-PA	C4(Carbamidomethyl)	58	3.05E-05	1	1838.886	0.5	Male reproductive organs	2R:+:58624035-58624079	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_45523	DINTMAVVTGKPLNQGGIR	AGAP004622-PA	M5(Oxidation)	100	1.00E-09	1	2000.061	0.57	Male reproductive organs	2R:+:58624623-58624679	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_46201	HEAQNLR	AGAP004622-PA	-	37	0.001445755	2	867.443	0.06	Male reproductive organs	2R:+:58625253-58625273	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_47277	GAHTIPK	AGAP004622-PA	-	34	0.001291352	2	723.414	-0.58	Male reproductive organs	2R:+:58624014-58624034	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_48408	CACVNVPFGGAK	AGAP004622-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), N5(Deamidated)	88	2.06E-08	1	1280.579	2.34	Head	2R:+:58624395-58624430	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_52218	SAGVCVTVTPSK	AGAP004622-PA	C5(Carbamidomethyl)	85	5.33E-08	1	1205.626	5.71	Male reproductive organs	2R:+:58625307-58625342	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_55986	YSEKELQSITR	AGAP004622-PA	-	68	2.03E-06	1	1353.700	-0.58	Male reproductive organs	2R:+:58624458-58624490	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_56970	ACIVLEPQLIESMSK	AGAP004622-PA	C2(Carbamidomethyl), M13(Oxidation)	91	1.21E-08	1	1733.883	0.96	Male reproductive organs	2R:+:58624104-58624148	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_58378	AHHCLHR	AGAP004622-PA	C4(Carbamidomethyl)	41	0.00052631	1	930.447	-0.44	Male reproductive organs	2R:+:58624290-58624310	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_60159	ILVIPDLYCNAGGVTASYFEYLK	AGAP004622-PA	C9(Carbamidomethyl)	86	2.84E-08	2	2606.334	5.03	Male reproductive organs	2R:+:58625145-58625213	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_62078	TAAYIWSVEK	AGAP004622-PA	-	64	5.60E-06	1	1167.603	-1.21	Male reproductive organs	2R:+:58625475-58625504	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_64962	KNFIGPGIDVPAPDMGTTSR	AGAP004622-PA	M15(Oxidation)	63	7.98E-06	1	2089.042	1.52	Male reproductive organs	2R:+:58624515-58624574	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_66129	CACVNVPFGGAK	AGAP004622-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), N5(Deamidated)	56	2.89E-05	2	1280.579	2.24	Ovary	2R:+:58624395-58624430	exon=> In CDS Exon 1 of transcript AGAP004622-PA

JHU_Ag_75964	CACVNVPFGGAK	AGAP004622-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), N5(Deamidated)	51	8.96E-05	1	1280.576	-0.52	Pupa	2R:+:58624395-58624430	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_76745	VQAILK	AGAP004622-PA	-	40	0.000194187	1	671.444	-0.91	Male reproductive organs	2R:+:58624185-58624202	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_79575	DDGRYEMVTAFR	AGAP004622-PA	M7(Oxidation)	55	3.08E-05	1	1475.657	-0.89	Male reproductive organs	2R:+:58624254-58624289	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_93078	CACVNVPFGGAK	AGAP004622-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), N5(Deamidated)	51	7.89E-05	1	1280.577	0.24	Salivary gland	2R:+:58624395-58624430	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_97203	IISNNSSTLEFQFPFVR	AGAP004622-PA	-	120	1.39E-11	1	1999.030	0.58	Male reproductive organs	2R:+:58624203-58624253	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_99061	YTVELAKK	AGAP004622-PA	-	36	0.001135566	2	951.553	1.75	Male reproductive organs	2R:+:58624494-58624517	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_106344	VVGIIEKDVSLHCK	AGAP004622-PA	C13(Carbamidomethyl)	107	1.31E-10	1	1596.883	2.97	Male reproductive organs	2R:+:58624860-58624901	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_108626	EIGLEPGLEGK	AGAP004622-PA	-	62	7.03E-06	1	1141.612	1.8	Male reproductive organs	2R:+:58624755-58624787	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_109498	YSSDVCKDEVEALSALMTFK	AGAP004622-PA	C6(Carbamidomethyl), M17(Oxidation)	92	8.43E-09	1	2309.068	0.12	Male reproductive organs	2R:+:58624335-58624394	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_113511	HYFEHASEADVVTSGLQFVLETAGK	AGAP004622-PA	-	92	7.60E-09	3	2735.330	-0.46	Male reproductive organs	2R:+:58625352-58625426	exon=> In CDS Exon 1 of transcript AGAP004622-PA
JHU_Ag_56127	ILFDRSGLGSR	AGAP004624-PA	-	30	0.005917677	1	1220.689	11.46	Midgut	2R:+:58629794-58629826	exon=> In CDS Exon 1 of transcript AGAP004624-PA
JHU_Ag_77217	ETLDSGNVAAFNR	AGAP004624-PA	-	41	0.001238028	2	1393.674	2.19	Ovary	2R:+:58630526-58630564	exon=> In CDS Exon 1 of transcript AGAP004624-PA
JHU_Ag_3354	YGLFPANYVQLLQ	AGAP004625-PA	-	58	1.67E-05	1	1525.803	-1.04	Malpighian tubule	2R:+:58633610-58633648	exon=> In CDS Exon 6 of transcript AGAP004625-PA
JHU_Ag_5453	SAVGHEHIEK	AGAP004625-PA	-	47	0.00033357	2	1106.559	-0.27	Salivary gland	2R:+:58631846-58631875	exon=> In CDS Exon 1 of transcript AGAP004625-PA
JHU_Ag_15721	EAGVSSAISNFNNPQENITK	AGAP004625-PA	-	74	6.85E-07	1	2120.029	1.68	Salivary gland	2R:+:58632945-58633004	exon=> In CDS Exon 4 of transcript AGAP004625-PA
JHU_Ag_20664	DYVSGFGGK	AGAP004625-PA	-	49	6.26E-05	1	929.440	4.05	Salivary gland	2R:+:58631900-58631926	exon=> In CDS Exon 1 of transcript AGAP004625-PA
JHU_Ag_21822	DPIVLPK	AGAP004625-PA	-	36	0.000274598	2	781.485	4.53	Ovary	2R:+:58633101-58633121	exon=> In CDS Exon 5 of transcript AGAP004625-PA
JHU_Ag_24763	EAGVSSAISNFNNPQENITK	AGAP004625-PA	-	94	6.76E-09	1	2120.028	1.22	Head	2R:+:58632945-58633004	exon=> In CDS Exon 4 of transcript AGAP004625-PA
JHU_Ag_32551	EAGVSSAISNFNNPQENITK	AGAP004625-PA	-	53	7.84E-05	1	2120.038	6.11	Ovary	2R:+:58632945-58633004	exon=> In CDS Exon 4 of transcript AGAP004625-PA
JHU_Ag_33909	KGPINTGR	AGAP004625-PA	-	32	0.004592628	2	842.484	-0.02	Malpighian tubule	2R:+:58632921-58632944	exon=> In CDS Exon 4 of transcript AGAP004625-PA
JHU_Ag_35733	FVQPDVIPSSDSTSVPTAK	AGAP004625-PA	-	69	2.28E-06	1	1975.008	3.3	Malpighian tubule	2R:+:58633140-58633196	exon=> In CDS Exon 5 of transcript AGAP004625-PA
JHU_Ag_35755	KGPINTGR	AGAP004625-PA	-	41	0.000584873	2	842.484	0.05	Salivary gland	2R:+:58632921-58632944	exon=> In CDS Exon 4 of transcript AGAP004625-PA
JHU_Ag_37044	FVQPDVIPSSDSTSVPTAK	AGAP004625-PA	-	43	0.000858379	2	1975.002	0.21	Visceras	2R:+:58633140-58633196	exon=> In CDS Exon 5 of transcript AGAP004625-PA
JHU_Ag_39953	EDQPEESAGHAVQEPLPVAR	AGAP004625-PA	-	52	0.00010359	1	2159.041	2.21	Head	2R:+:58633203-58633262	exon=> In CDS Exon 5 of transcript AGAP004625-PA
JHU_Ag_44201	SAVGFQEQDKIGTNYTK	AGAP004625-PA	-	41	0.001201951	1	1885.936	3.82	Malpighian tubule	2R:+:58632596-58632646	exon=> In CDS Exon 3 of transcript AGAP004625-PA
JHU_Ag_55859	FENFAATAEEEAR	AGAP004625-PA	-	101	6.22E-10	1	1484.664	-1.12	Malpighian tubule	2R:+:58632695-58632733	exon=> In CDS Exon 3 of transcript AGAP004625-PA
JHU_Ag_58613	FVQPDVIPSSDSTSVPTAK	AGAP004625-PA	-	95	5.29E-09	1	1975.010	4.1	Ovary	2R:+:58633140-58633196	exon=> In CDS Exon 5 of transcript AGAP004625-PA

JHU_Ag_58808	AKFENFAATAEEEAR	AGAP004625-PA	-	61	1.16E-05	1	1683.799	0.77	Malpighian tubule	2R:+:58632689-58632733	exon=> In CDS Exon 3 of transcript AGAP004625-PA
JHU_Ag_63443	EAGVSSAISNFNNPQENITKEK	AGAP004625-PA	-	74	5.34E-07	1	2377.174	4.6	Malpighian tubule	2R:+:58632945-58633010	exon=> In CDS Exon 4 of transcript AGAP004625-PA
JHU_Ag_81932	FENFAATAEEEARK	AGAP004625-PA	-	104	6.14E-10	1	1612.762	1.01	Head	2R:+:58632695-58632736	exon=> In CDS Exon 3 of transcript AGAP004625-PA
JHU_Ag_83498	NAAAIDMQQLR	AGAP004625-PA	M7(Oxidation)	44	0.000603 02	1	1246.622	0.57	Malpighian tubule	2R:+:58631708-58631740	exon=> In CDS Exon 1 of transcript AGAP004625-PA
JHU_Ag_87899	FENFAATAEEEAR	AGAP004625-PA	-	76	2.13E-07	2	1484.664	-0.63	Salivary gland	2R:+:58632695-58632733	exon=> In CDS Exon 3 of transcript AGAP004625-PA
JHU_Ag_95934	EAGVSSAISNFNNPQENITK	AGAP004625-PA	-	101	1.26E-09	1	2120.030	2.13	Malpighian tubule	2R:+:58632945-58633004	exon=> In CDS Exon 4 of transcript AGAP004625-PA
JHU_Ag_97139	HASQKDYVSGFGGK	AGAP004625-PA	-	40	0.001520 085	1	1480.723	3.39	Malpighian tubule	2R:+:58631885-58631926	exon=> In CDS Exon 1 of transcript AGAP004625-PA
JHU_Ag_99579	VKPDIGSAKPSNLR	AGAP004625-PA	-	34	0.001855 621	1	1481.847	2.27	Malpighian tubule	2R:+:58632647-58632688	exon=> In CDS Exon 3 of transcript AGAP004625-PA
JHU_Ag_107421	FVQPDVIPSSDSTSVPTAK	AGAP004625-PA	-	75	6.49E-07	1	1975.004	1.14	Head	2R:+:58633140-58633196	exon=> In CDS Exon 5 of transcript AGAP004625-PA
JHU_Ag_115739	SAVGFQEQDK	AGAP004625-PA	-	53	7.14E-05	2	1108.528	0.59	Salivary gland	2R:+:58632596-58632625	exon=> In CDS Exon 3 of transcript AGAP004625-PA
JHU_Ag_70309	LNYVQPSQVLQLPYPLK	AGAP004626-PA	-	81	2.77E-08	1	2000.123	0.7	Midgut	2R:-:58635052-58635002	exon=> In CDS Exon 1 of transcript AGAP004626-PA
JHU_Ag_102420	KLNYVQPSQVLQLPYPLK	AGAP004626-PA	-	49	1.64E-05	1	2128.216	-0.44	Midgut	2R:-:58635055-58635002	exon=> In CDS Exon 1 of transcript AGAP004626-PA
JHU_Ag_29637	MSFADFLEVMHQHSR	AGAP004629-PA	M1(Oxidation)	63	5.15E-06	1	1850.832	0.49	Midgut	2R:+:58639767-58639811	exon=> In CDS Exon 3 of transcript AGAP004629-PA
JHU_Ag_33976	SLGLSPTIQELTQYLK	AGAP004629-PA	-	53	2.72E-05	2	1790.995	3.01	Midgut	2R:+:58639704-58639751	exon=> In CDS Exon 3 of transcript AGAP004629-PA
JHU_Ag_106480	VENLPDEVIQAFK	AGAP004629-PA	-	85	5.41E-08	2	1501.790	0.14	Midgut	2R:+:58639812-58639850	exon=> In CDS Exon 3 of transcript AGAP004629-PA
JHU_Ag_16850	IFSNDELSALIDPILNSDDHNQDGFIDY PEFVR	AGAP004631-PA	-	204	4.56E-20	1	3808.798	0.15	Ovary	2R:-:58674144-58674046	exon=> In CDS Exon 4 of transcript AGAP004631-PA
JHU_Ag_101277	MSEQELQFHYFK	AGAP004631-PA	M1(Oxidation)	62	8.25E-06	1	1602.726	0.26	Ovary	2R:-:58675409-58675374	exon=> In CDS Exon 3 of transcript AGAP004631-PA
JHU_Ag_107962	AQENSGHPQHEEK	AGAP004631-PA	-	65	2.65E-06	1	1490.662	0	Ovary	2R:-:58674183-58674145	exon=> In CDS Exon 4 of transcript AGAP004631-PA
JHU_Ag_25348	AEDLHFLLKPIINKD	AGAP004632-PA	-	79	4.24E-08	1	1765.988	1.92	Salivary gland	2R:+:58677246-58677290	exon=> In CDS Exon 1 of transcript AGAP004632-PA
JHU_Ag_2132	HMDIIEELNNLK	AGAP004641-PA	M2(Oxidation)	48	0.000244 823	2	1468.747	0.33	Head	2R:-:58846248-58846213	exon=> In CDS Exon 2 of transcript AGAP004641-PA
JHU_Ag_61715	FGLAEVQRDYSELLKPK	AGAP004641-PA	-	100	6.52E-10	1	1993.083	3.84	Malpighian tubule	2R:-:58846886-58846836	exon=> In CDS Exon 1 of transcript AGAP004641-PA
JHU_Ag_68918	IAAVQQNSPEEFLSR	AGAP004641-PA	-	57	3.21E-05	2	1688.871	6.56	Malpighian tubule	2R:-:58846967-58846923	exon=> In CDS Exon 1 of transcript AGAP004641-PA
JHU_Ag_9078	EQFGELWHEYFSSDDTTSPGNFIFGK	AGAP004645-PA	-	31	0.006941 51	1	3038.341	-2.26	Midgut	2R:-:59008100-59008023	exon=> In CDS Exon 6 of transcript AGAP004645-PA
JHU_Ag_14500	ICTLRGWPAGNPK	AGAP004645-PA	C2(Carbamidomethyl)	50	0.000116 119	1	1469.773	3.39	Malpighian tubule	2R:-:59016931-59016893	exon=> In CDS Exon 3 of transcript AGAP004645-PA
JHU_Ag_18375	NECQEAFKK	AGAP004645-PA	N1(Deamidated), C3(Carbamidomethyl)	65	3.05E-06	1	1154.518	3.27	Malpighian tubule	2R:-:59009304-59009278	exon=> In CDS Exon 5 of transcript AGAP004645-PA
JHU_Ag_19558	IWEGLR	AGAP004645-PA	-	38	0.003073 032	2	773.430	-0.11	Midgut	2R:-:59016862-59016845	exon=> In CDS Exon 3 of transcript AGAP004645-PA
JHU_Ag_22331	DPSTVMDWQIR	AGAP004645-PA	M6(Oxidation)	89	1.92E-08	1	1347.640	2.48	Malpighian tubule	2R:-:59013733-59013778,59009269-59009404	exon=> In CDS Exon 5 and 4 of transcript AGAP004645-PA

JHU_Ag_24465	EQFGELWHEYFSSDDTTSPGNFIFGK	AGAP004645-PA	-	65	3.16E-06	1	3038.351	0.82	Malpighian tubule	2R:-:59008100-59008023	exon=> In CDS Exon 6 of transcript AGAP004645-PA
JHU_Ag_24999	SSISDFRK	AGAP004645-PA	N-Term(Acetyl)	50	0.000149315	1	981.498	-1.6	Malpighian tubule	2R:-:59020259-59020236	exon=> In CDS Exon 1 of transcript AGAP004645-PA
JHU_Ag_35014	GWPAGNPK	AGAP004645-PA	-	37	0.001551722	1	826.422	1.47	Malpighian tubule	2R:-:59016916-59016893	exon=> In CDS Exon 3 of transcript AGAP004645-PA
JHU_Ag_35592	LLYLFNVFFDVNQSGEIDRK	AGAP004645-PA	-	38	0.001462177	1	2417.267	7.08	Malpighian tubule	2R:-:59020229-59020262,59017443-59017464	exon=> In CDS Exon 2 and 1 of transcript AGAP004645-PA
JHU_Ag_50599	ADKDNDGQVSVDEWCNMWDAYAK	AGAP004645-PA	C15(Carbamidomethyl),M17(Oxidation),C15(Carbamidomethyl)	160	2.85E-16	1	2717.129	1.54	Malpighian tubule	2R:-:59016838-59016934,59013702-59013734	exon=> In CDS Exon 4 and 3 of transcript AGAP004645-PA
JHU_Ag_56424	DFELAIEK	AGAP004645-PA	-	63	7.28E-06	1	964.501	2.6	Malpighian tubule	2R:-:59017463-59017495,59016815-59016932	exon=> In CDS Exon 3 and 2 of transcript AGAP004645-PA
JHU_Ag_57816	DFELAIEK	AGAP004645-PA	-	40	0.001461678	1	964.502	3.31	Visceras	2R:-:59017463-59017495,59016815-59016932	exon=> In CDS Exon 3 and 2 of transcript AGAP004645-PA
JHU_Ag_57827	NIETHDCMFKIWEGLR	AGAP004645-PA	C7(Carbamidomethyl),M8(Oxidation),C7(Carbamidomethyl)	118	2.20E-11	1	2048.974	2.93	Malpighian tubule	2R:-:59016892-59016845	exon=> In CDS Exon 3 of transcript AGAP004645-PA
JHU_Ag_86055	DPSTVMDWQIR	AGAP004645-PA	M6(Oxidation)	75	3.05E-07	1	1363.627	-3.13	Midgut	2R:-:59013733-59013778,59009269-59009404	exon=> In CDS Exon 5 and 4 of transcript AGAP004645-PA
JHU_Ag_89597	IWEGLR	AGAP004645-PA	-	42	0.001196194	2	773.433	3.84	Malpighian tubule	2R:-:59016862-59016845	exon=> In CDS Exon 3 of transcript AGAP004645-PA
JHU_Ag_94221	KDFELAIEK	AGAP004645-PA	-	72	7.74E-07	1	1092.593	-0.16	Malpighian tubule	2R:-:59017466-59017495,59016815-59016932	exon=> In CDS Exon 3 and 2 of transcript AGAP004645-PA
JHU_Ag_101938	GALEVNR	AGAP004645-PA	-	38	0.002086257	2	758.418	2.66	Malpighian tubule	2R:-:59008121-59008101	exon=> In CDS Exon 6 of transcript AGAP004645-PA
JHU_Ag_109524	NIETHDCMFK	AGAP004645-PA	C7(Carbamidomethyl),M8(Oxidation),C7(Carbamidomethyl)	76	1.91E-07	1	1294.558	1.94	Malpighian tubule	2R:-:59016892-59016863	exon=> In CDS Exon 3 of transcript AGAP004645-PA
JHU_Ag_590	IEIVSIEDPPVR	AGAP004653-PA	-	79	8.42E-08	1	1366.764	4.38	Malpighian tubule	2R:-:59553322-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_5027	IATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	49	6.28E-05	2	2097.154	-0.37	Visceras	2R:-:59553817-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_6117	IEIVSIEDPPVR	AGAP004653-PA	-	61	4.39E-06	2	1366.757	-0.53	Midgut	2R:-:59553322-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_7137	EVDGGLETIK	AGAP004653-PA	-	45	0.000703776	1	1060.550	-1.81	Male reproductive organs	2R:-:59553493-59553464	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_7551	LAQDEKADLVILGK	AGAP004653-PA	-	70	5.34E-07	1	1512.864	0.57	Ovary	2R:-:59553655-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_12912	EGDTLKVVR	AGAP004653-PA	-	47	0.000267524	1	1016.574	0.41	Malpighian tubule	2R:-:59553520-59553494	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_13881	ADLVILGK	AGAP004653-PA	-	49	0.000103268	2	828.520	0.72	Pupa	2R:-:59553637-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_17924	EFDLLQPIHVSK	AGAP004653-PA	-	72	4.78E-07	2	1425.776	1.48	Pupa	2R:-:59553703-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_17951	IATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	116	1.22E-11	1	2097.155	-0.28	Ovary	2R:-:59553817-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_19310	SGVVTEGVK	AGAP004653-PA	-	43	0.000610006	1	875.484	0.28	Malpighian tubule	2R:-:59553907-59553881	exon=> In CDS Exon 2 of transcript AGAP004653-PA

JHU_Ag_20186	QAGSILPDVDTLLTK	AGAP004653-PA	-	80	8.96E-08	1	1570.873	2.62	Pupa	2R:-:59553286-59553242	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_22550	IEIVSIEDPPVR	AGAP004653-PA	-	54	2.28E-05	2	1366.759	0.72	Male reproductive organs	2R:-:59553322-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_25162	VIDYAVKIR	AGAP004653-PA	-	29	0.003208956	1	1076.648	1.11	Malpighian tubule	2R:-:59554192-59554222,59553215-59553923	exon=> In CDS Exon 2 and 1 of transcript AGAP004653-PA
JHU_Ag_27156	EVDGGLETIK	AGAP004653-PA	-	50	0.000212042	1	1060.552	-0.25	Head	2R:-:59553493-59553464	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_30764	KIATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	55	6.40E-06	1	2225.253	1.27	Male reproductive organs	2R:-:59553820-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_31397	QAGSILPDVDTLLTK	AGAP004653-PA	-	48	0.000120645	1	1570.879	6.5	Malpighian tubule	2R:-:59553286-59553242	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_31742	EFDLLQPIHVSK	AGAP004653-PA	-	89	8.64E-09	1	1425.779	3.62	Malpighian tubule	2R:-:59553703-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_31927	MPAVVSADLR	AGAP004653-PA	M1(Oxidation)	45	0.000476298	1	1058.567	0.2	Malpighian tubule	2R:-:59553457-59553428	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_34127	EVDGGLETIK	AGAP004653-PA	-	51	0.000188863	2	1060.553	0.6	Ovary	2R:-:59553493-59553464	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_35943	LAQDEKADLVILGK	AGAP004653-PA	-	91	4.04E-09	1	1512.864	0.6	Salivary gland	2R:-:59553655-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_38006	VKPDKSGVVTEGVK	AGAP004653-PA	-	89	6.67E-09	1	1442.823	1.22	Malpighian tubule	2R:-:59553922-59553881	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_39989	ADLVILGK	AGAP004653-PA	-	57	1.73E-05	1	828.519	-0.38	Ovary	2R:-:59553637-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_42174	MPAVVSADLR	AGAP004653-PA	M1(Oxidation)	48	0.000268019	2	1074.561	-0.63	Pupa	2R:-:59553457-59553428	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_43137	DLGVDTTPR	AGAP004653-PA	-	52	7.87E-05	2	973.495	0.34	Malpighian tubule	2R:-:59553349-59553323	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_44560	DLGVDTTPR	AGAP004653-PA	-	56	3.11E-05	1	973.494	-1.35	Ovary	2R:-:59553349-59553323	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_45251	IEIVSIEDPPVR	AGAP004653-PA	-	73	2.71E-07	1	1366.761	2.15	Visceras	2R:-:59553322-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_46072	QAGSILPDVDTLLTK	AGAP004653-PA	-	44	0.000363458	2	1570.871	1.22	Male reproductive organs	2R:-:59553286-59553242	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_46082	ADLVILGK	AGAP004653-PA	-	61	5.93E-06	2	828.525	7.13	Malpighian tubule	2R:-:59553637-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_46169	IEIVSIEDPPVR	AGAP004653-PA	-	69	7.98E-07	1	1366.760	1.79	Pupa	2R:-:59553322-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_47418	QAGSILPDVDTLLTK	AGAP004653-PA	-	88	1.30E-08	1	1570.871	1.37	Ovary	2R:-:59553286-59553242	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_47679	LAQDEKADLVILGK	AGAP004653-PA	-	102	3.08E-10	1	1512.862	-0.69	Midgut	2R:-:59553655-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_48636	IATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	67	7.56E-07	1	2097.163	3.59	Male reproductive organs	2R:-:59553817-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_52331	QAGSILPDVDTLLTK	AGAP004653-PA	-	75	2.35E-07	1	1570.868	-0.34	Midgut	2R:-:59553286-59553242	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_52849	IATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	77	7.51E-08	2	2097.160	2.54	Malpighian tubule	2R:-:59553817-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_52869	KIATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	94	7.65E-10	1	2225.254	1.68	Ovary	2R:-:59553820-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_53056	ADLVILGK	AGAP004653-PA	-	60	7.91E-06	2	828.519	-0.53	Midgut	2R:-:59553637-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_53132	GIHVEVAGKEFDLLQPIHVSK	AGAP004653-PA	-	106	9.89E-11	1	2316.283	5.22	Malpighian tubule	2R:-:59553730-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA

JHU_Ag_53454	VVREVDGGLETIK	AGAP004653-PA	-	42	0.000580345	2	1414.792	1.11	Malpighian tubule	2R:-:59553502-59553464	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_53580	QAGSILPDVDTLLTK	AGAP004653-PA	-	85	2.70E-08	1	1570.872	2.15	Head	2R:-:59553286-59553242	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_55604	DLGVDTTPR	AGAP004653-PA	-	44	0.000493786	2	973.497	1.85	Pupa	2R:-:59553349-59553323	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_58990	EVDGGLETIK	AGAP004653-PA	-	47	0.00040769	1	1060.550	-1.86	Malpighian tubule	2R:-:59553493-59553464	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_64755	EVDGGLETIKTK	AGAP004653-PA	-	85	4.30E-08	1	1289.697	1.86	Malpighian tubule	2R:-:59553493-59553458	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_65478	LAQDEKADLVILGK	AGAP004653-PA	-	82	3.31E-08	1	1512.865	0.84	Pupa	2R:-:59553655-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_65856	LRDGGHIK	AGAP004653-PA	-	38	0.001026975	1	895.509	-2.14	Head	2R:-:59553241-59553218	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_69537	HSMNPFDEIAVEEAVK	AGAP004653-PA	M3(Oxidation)	85	4.33E-08	2	1831.855	1.14	Pupa	2R:-:59553880-59553833	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_72445	SGVVTEGVK	AGAP004653-PA	-	42	0.000853756	2	875.484	0.49	Ovary	2R:-:59553907-59553881	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_72867	ADLVILGK	AGAP004653-PA	-	46	0.000227492	2	828.518	-0.68	Head	2R:-:59553637-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_73057	EFDLLQPIHVSK	AGAP004653-PA	-	74	3.07E-07	2	1425.774	0.28	Midgut	2R:-:59553703-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_74481	GIHVEVAGK	AGAP004653-PA	-	61	4.06E-06	1	909.513	-2.87	Head	2R:-:59553730-59553704	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_74938	EFDLLQPIHVSK	AGAP004653-PA	-	76	2.03E-07	1	1425.773	-0.41	Ovary	2R:-:59553703-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_75472	GIHVEVAGKEFDLLQPIHVSK	AGAP004653-PA	-	104	1.68E-10	1	2316.276	2.13	Head	2R:-:59553730-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_76130	TALAMGADR	AGAP004653-PA	-	38	0.002667419	2	905.450	-1.03	Salivary gland	2R:-:59553757-59553731	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_77534	VLVGVKR	AGAP004653-PA	-	47	2.52E-05	2	770.525	0.6	Malpighian tubule	2R:-:59554213-59554193	exon=> In CDS Exon 1 of transcript AGAP004653-PA
JHU_Ag_80522	IATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	59	5.36E-06	2	2097.156	0.22	Midgut	2R:-:59553817-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_80900	DLGVDTTPR	AGAP004653-PA	-	44	0.000638046	2	973.496	0.66	Head	2R:-:59553349-59553323	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_81072	GIHVEVAGK	AGAP004653-PA	-	58	7.53E-06	1	909.518	3.17	Larva	2R:-:59553730-59553704	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_83024	VLVGVKR	AGAP004653-PA	-	48	3.12E-05	2	770.525	0.13	Salivary gland	2R:-:59554213-59554193	exon=> In CDS Exon 1 of transcript AGAP004653-PA
JHU_Ag_87930	HSMNPFDEIAVEEAVK	AGAP004653-PA	M3(Oxidation)	123	7.42E-12	1	1831.847	-3.39	Midgut	2R:-:59553880-59553833	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_90204	LAQDEKADLVILGK	AGAP004653-PA	-	119	6.37E-12	1	1512.863	-0.12	Head	2R:-:59553655-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_91803	IEIVSIEDPPVR	AGAP004653-PA	-	76	1.61E-07	1	1366.760	1.97	Head	2R:-:59553322-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_92830	HSMNPFDEIAVEEAVK	AGAP004653-PA	M3(Oxidation)	106	3.18E-10	1	1831.852	-0.53	Malpighian tubule	2R:-:59553880-59553833	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_94233	LAQDEKADLVILGK	AGAP004653-PA	-	115	1.34E-11	1	1512.867	2.21	Malpighian tubule	2R:-:59553655-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_94812	HSMNPFDEIAVEEAVK	AGAP004653-PA	M3(Oxidation)	127	3.10E-12	1	1831.858	2.67	Head	2R:-:59553880-59553833	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_95286	DLGVDTTPRIEIVSIEDPPVR	AGAP004653-PA	-	105	2.13E-10	1	2321.246	4.7	Malpighian tubule	2R:-:59553349-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_97367	IATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	75	1.59E-07	1	2097.148	-3.25	Head	2R:-:59553817-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA

JHU_Ag_98128	KIATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	71	1.76E-07	1	2225.253	1.19	Midgut	2R:-:59553820-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_98362	MPAVVSADLRLNTPR	AGAP004653-PA	M1(Oxidation)	60	6.20E-06	1	1639.901	3.46	Malpighian tubule	2R:-:59553457-59553413	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_99562	QAGSILPDVDTLLTK	AGAP004653-PA	-	71	6.10E-07	1	1570.869	0.21	Salivary gland	2R:-:59553286-59553242	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_100951	TALAMGADR	AGAP004653-PA	M5(Oxidation)	43	0.000869 79	1	921.448	2.06	Male reproductive organs	2R:-:59553757-59553731	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_102410	LAPKDLGVDTTPR	AGAP004653-PA	-	82	4.94E-08	1	1382.768	2.62	Malpighian tubule	2R:-:59553361-59553323	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_103312	EFDLLQPIHVSK	AGAP004653-PA	-	89	9.76E-09	1	1425.777	2.16	Head	2R:-:59553703-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_105022	IEIVSIEDPPVR	AGAP004653-PA	-	74	2.50E-07	1	1366.761	2.06	Ovary	2R:-:59553322-59553287	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_106307	MPAVVSADLR	AGAP004653-PA	M1(Oxidation)	70	1.71E-06	1	1074.561	-0.52	Ovary	2R:-:59553457-59553428	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_107629	IATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	56	1.29E-05	1	2097.156	0.45	Pupa	2R:-:59553817-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_107869	GIHVEVAGKEFDLLQPIHVSK	AGAP004653-PA	-	80	3.80E-08	1	2316.278	2.77	Pupa	2R:-:59553730-59553668	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_110258	EVDGGLETIK	AGAP004653-PA	-	48	0.000391 874	1	1060.553	0.79	Midgut	2R:-:59553493-59553464	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_111419	QAGSILPDVDTLLTKLR	AGAP004653-PA	-	62	1.26E-06	1	1840.064	5.67	Malpighian tubule	2R:-:59553286-59553236	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_112694	VKPDK	AGAP004653-PA	-	25	0.006686 249	1	586.355	-1.08	Head	2R:-:59553922-59553908	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_114173	KIATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	87	4.08E-09	1	2225.263	5.58	Malpighian tubule	2R:-:59553820-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_114895	KIATEVVVVSVGPSQSQEVLR	AGAP004653-PA	-	87	5.11E-09	1	2225.249	-0.34	Head	2R:-:59553820-59553758	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_116061	LAQDEKADLVILGK	AGAP004653-PA	-	84	2.11E-08	1	1512.867	2.54	Male reproductive organs	2R:-:59553655-59553614	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_117238	TALAMGADR	AGAP004653-PA	-	54	5.29E-05	2	905.454	2.88	Malpighian tubule	2R:-:59553757-59553731	exon=> In CDS Exon 2 of transcript AGAP004653-PA
JHU_Ag_18792	AVGGIIHQPYYEHDTGDIGR	AGAP004654-PA	-	61	1.12E-05	1	2198.066	1.45	Male reproductive organs	2R:+:59555843-59555902	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_42774	AVGGIIHQPYYEHDTGDIGR	AGAP004654-PA	-	125	4.65E-12	1	2198.057	-2.47	Head	2R:+:59555843-59555902	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_51022	SHSNSIVQSALDAIAPDEVLR	AGAP004654-PA	-	34	0.004154 157	3	2222.154	5.91	Midgut	2R:+:59555990-59556052	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_52936	DVSFPNSSGVLGTVAGVSHDDILAK	AGAP004654-PA	-	44	0.000623 27	1	2485.261	1.75	Male reproductive organs	2R:+:59556224-59556298	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_59468	DVSFPNSSGVLGTVAGVSHDDILAK	AGAP004654-PA	-	93	6.45E-09	2	2485.259	0.92	Head	2R:+:59556224-59556298	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_72839	FLVTTTR	AGAP004654-PA	-	35	0.001411 541	1	837.484	0.95	Head	2R:+:59555969-59555989	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_83479	TIWGLHGCGTGGILPVEPPSDR	AGAP004654-PA	C8(Carbamidomethyl)	39	0.001804 546	1	2319.161	2.73	Malpighian tubule	2R:+:59555903-59555968	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_85561	AVGGIIHQPYYEHDTGDIGR	AGAP004654-PA	-	90	1.57E-08	1	2198.073	4.78	Ovary	2R:+:59555843-59555902	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_87475	SHSNSIVQSALDAIAPDEVLR	AGAP004654-PA	-	120	1.10E-11	2	2222.148	2.93	Head	2R:+:59555990-59556052	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_96364	DVSFPNSSGVLGTVAGVSHDDILAK	AGAP004654-PA	-	59	1.89E-05	1	2485.257	0.13	Ovary	2R:+:59556224-59556298	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_97098	AVGGIIHQPYYEHDTGDIGR	AGAP004654-PA	-	101	1.09E-09	1	2198.068	2.53	Malpighian tubule	2R:+:59555843-59555902	exon=> In CDS Exon 2 of transcript AGAP004654-PA

JHU_Ag_100089	AHAYVFASAGCK	AGAP004654-PA	C11(Carbamidomethyl)	38	0.002276511	1	1281.604	-0.74	Head	2R:+:59556098-59556133	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_100864	SHSNSIVQSALDAIAPDEVLR	AGAP004654-PA	-	53	5.58E-05	1	2222.144	1.17	Malpighian tubule	2R:+:59555990-59556052	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_101212	TIWGLHGCGTGGILPVEPPSDR	AGAP004654-PA	C8(Carbamidomethyl)	59	1.83E-05	1	2319.154	-0.59	Head	2R:+:59555903-59555968	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_101342	AVGGIIHQPYYEHDTGDIGR	AGAP004654-PA	-	64	6.16E-06	1	2198.070	3.45	Midgut	2R:+:59555843-59555902	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_101439	VLQLLEGK	AGAP004654-PA	-	38	0.001221375	2	899.556	-0.56	Ovary	2R:+:59556074-59556097	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_112536	DVSFPNSSGVLGTVAGVSHDDILAK	AGAP004654-PA	-	34	0.005544184	1	2485.253	-1.56	Midgut	2R:+:59556224-59556298	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_114527	SHSNSIVQSALDAIAPDEVLR	AGAP004654-PA	-	41	0.000980376	1	2222.141	-0.02	Ovary	2R:+:59555990-59556052	exon=> In CDS Exon 2 of transcript AGAP004654-PA
JHU_Ag_14398	YLELLENAVR	AGAP004655-PA	-	71	9.41E-07	2	1219.669	0.68	Midgut	2R:-:59558188-59558159	exon=> In CDS Exon 2 of transcript AGAP004655-PA
JHU_Ag_18530	IKDAGVVGFPDEAAGELPLAFVVK	AGAP004655-PA	-	80	3.58E-08	1	2442.339	4.6	Malpighian tubule	2R:-:59556781-59556710	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_27695	QPGVTLTEEEVKQYVAAR	AGAP004655-PA	-	62	8.74E-06	1	2018.063	3.79	Malpighian tubule	2R:-:59556709-59556656	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_30744	LLGPNEAGELYFK	AGAP004655-PA	-	49	0.00018607	2	1450.763	3.63	Pupa	2R:-:59557030-59556992	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_31631	EFDHALNLSKPSILFVSPYSAER	AGAP004655-PA	-	64	4.39E-06	1	2620.340	-0.21	Midgut	2R:-:59557828-59557760	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_32760	GYIGNEQETIQTIDKDGWLR	AGAP004655-PA	-	61	1.15E-05	1	2336.156	1.81	Malpighian tubule	2R:-:59556973-59556914	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_36112	LLGPNEAGELYFK	AGAP004655-PA	-	46	0.000278058	2	1450.766	5.4	Visceras	2R:-:59557030-59556992	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_36230	IKDAGVVGFPDEAAGELPLAFVVK	AGAP004655-PA	-	54	2.05E-05	1	2442.333	2.2	Visceras	2R:-:59556781-59556710	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_42013	HGDGVAVIDGVYSNELR	AGAP004655-PA	-	108	2.25E-10	1	1800.893	2.94	Midgut	2R:-:59558307-59558421,59558008-59558189	exon=> In CDS Exon 2 and 1 of transcript AGAP004655-PA
JHU_Ag_48345	IKDAGVVGFPDEAAGELPLAFVVK	AGAP004655-PA	-	63	2.64E-06	1	2442.324	-1.85	Midgut	2R:-:59556781-59556710	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_52035	LILFGEPEPANITEGCGSLGMYLMK	AGAP004655-PA	C16(Carbamidomethyl), M21(Oxidation), M24(Oxidation)	51	0.000111971	1	2772.329	-0.15	Midgut	2R:-:59558394-59558320	exon=> In CDS Exon 1 of transcript AGAP004655-PA
JHU_Ag_57539	YLELLENAVR	AGAP004655-PA	-	79	1.40E-07	1	1219.670	1.28	Malpighian tubule	2R:-:59558188-59558159	exon=> In CDS Exon 2 of transcript AGAP004655-PA
JHU_Ag_67505	YLELLENAVR	AGAP004655-PA	-	58	1.65E-05	2	1219.670	1.78	Head	2R:-:59558188-59558159	exon=> In CDS Exon 2 of transcript AGAP004655-PA
JHU_Ag_68093	VVDVETGRLLGPNEAGELYFK	AGAP004655-PA	-	40	0.00097383	3	2306.211	3.62	Malpighian tubule	2R:-:59557054-59556992	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_74796	IKDAGVVGFPDEAAGELPLAFVVK	AGAP004655-PA	-	49	5.35E-05	1	2442.334	2.42	Ovary	2R:-:59556781-59556710	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_84518	GVQLTQR	AGAP004655-PA	-	39	0.002102027	2	801.460	2.35	Ovary	2R:-:59557546-59557526	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_93522	HGDGVAVIDGVYSNELR	AGAP004655-PA	-	81	1.36E-07	1	1800.899	6.12	Malpighian tubule	2R:-:59558307-59558421,59558008-59558189	exon=> In CDS Exon 2 and 1 of transcript AGAP004655-PA
JHU_Ag_101380	LLGPNEAGELYFK	AGAP004655-PA	-	40	0.00148637	2	1450.762	3.12	Midgut	2R:-:59557030-59556992	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_106299	FEEGLFLSCIENYR	AGAP004655-PA	C9(Carbamidomethyl)	77	3.11E-07	2	1776.828	1.17	Midgut	2R:-:59557369-59557328	exon=> In CDS Exon 3 of transcript AGAP004655-PA

JHU_Ag_106671	TGDIGYYDNDEEFFIIDR	AGAP004655-PA	-	60	7.81E-06	2	2181.965	1.91	Midgut	2R:-:59556913-59556860	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_110400	LLGPNEAGELYFK	AGAP004655-PA	-	90	1.54E-08	1	1450.762	3.21	Head	2R:-:59557030-59556992	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_117241	IKDAGVVGFPDEAAGELPLAFVVK	AGAP004655-PA	-	45	0.000112155	1	2442.340	5.05	Head	2R:-:59556781-59556710	exon=> In CDS Exon 3 of transcript AGAP004655-PA
JHU_Ag_80573	GLQLYVR	AGAP004656-PA	-	46	0.000211856	1	848.499	-0.08	Malpighian tubule	2R:-:59566091-59566071	exon=> In CDS Exon 1 of transcript AGAP004656-PA
JHU_Ag_65849	LLGSLTAIK	AGAP004657-PA	-	52	1.28E-05	2	915.587	-0.34	Midgut	2R:+:59570976-59570978,59571048-59571071	exon=> In CDS Exon 1 and 2 of transcript AGAP004657-PA
JHU_Ag_105	TVVPLGIPHGTTK	AGAP004665-PA	-	34	0.000998942	2	1319.773	3.43	Male reproductive organs	2R:+:60705467-60705505	exon=> In CDS Exon 4 of transcript AGAP004665-PA
JHU_Ag_29730	APLFITHGIMGGHGIICAQGNLWR	AGAP004665-PA	M10(Oxidation), C17(Carbamidomethyl)	114	4.67E-11	1	2635.338	-0.1	Male reproductive organs	2R:+:60687336-60687375,60700591-60700622	exon=> In CDS Exon 1 and 2 of transcript AGAP004665-PA
JHU_Ag_102574	LSIDWLR	AGAP004665-PA	-	42	0.000914888	1	902.511	1.33	Male reproductive organs	2R:+:60700635-60700655	exon=> In CDS Exon 2 of transcript AGAP004665-PA
JHU_Ag_104132	RQEAGRPDAAFCDDIQLR	AGAP004665-PA	C12(Carbamidomethyl)	77	3.83E-07	1	2118.019	2.25	Male reproductive organs	2R:+:60705200-60705253	exon=> In CDS Exon 4 of transcript AGAP004665-PA
JHU_Ag_109431	LVVNEPPSLKDVEALPYLR	AGAP004665-PA	-	106	5.46E-11	1	2152.201	-0.05	Male reproductive organs	2R:+:60705380-60705436	exon=> In CDS Exon 4 of transcript AGAP004665-PA
JHU_Ag_75297	FSITMPK	AGAP004667-PA	-	31	0.008612243	1	823.433	-5.86	Head	2R:-:60770978-60770958	exon=> In CDS Exon 4 of transcript AGAP004667-PA
JHU_Ag_58223	MLIHLK	AGAP004670-PA	M1(Oxidation)	27	0.003078447	1	770.464	6.58	Larva	2R:-:60848903-60848886	exon=> In CDS Exon 9 of transcript AGAP004670-PA
JHU_Ag_87855	QNESTQNIIARR	AGAP004670-PA	Q6(Deamidated),N7(Deamidated)	40	0.001903393	1	1430.738	2.46	Midgut	2R:-:60848049-60848014	exon=> In CDS Exon 11 of transcript AGAP004670-PA
JHU_Ag_4723	IEGDKIEANCSELDHNPLTISK	AGAP004671-PA	C10(Carbamidomethyl)	33	0.008596699	1	2483.221	5.13	Ovary	2R:+:61185949-61186014	exon=> In CDS Exon 4 of transcript AGAP004671-PA
JHU_Ag_19754	LIHSIADSWR	AGAP004671-PA	-	47	0.000165824	1	1197.638	0.47	Ovary	2R:+:61186015-61186044	exon=> In CDS Exon 4 of transcript AGAP004671-PA
JHU_Ag_31054	ALDLFPLSWK	AGAP004671-PA	-	52	5.87E-05	2	1189.661	-0.38	Ovary	2R:+:61190642-61190671	exon=> In CDS Exon 10 of transcript AGAP004671-PA
JHU_Ag_48497	LIHSIADSWR	AGAP004671-PA	-	44	0.000375873	1	1197.641	3.07	Malpighian tubule	2R:+:61186015-61186044	exon=> In CDS Exon 4 of transcript AGAP004671-PA
JHU_Ag_53138	TPEIAGGFR	AGAP004671-PA	-	55	6.51E-05	1	947.496	1.73	Ovary	2R:+:61176569-61176595	exon=> In CDS Exon 2 of transcript AGAP004671-PA
JHU_Ag_56361	EVPLIQQAIVGGNESK	AGAP004671-PA	-	64	2.59E-06	2	1681.914	0.96	Ovary	2R:+:61176388-61176435	exon=> In CDS Exon 1 of transcript AGAP004671-PA
JHU_Ag_63391	NTSFFNAGIIR	AGAP004671-PA	-	36	0.002801513	2	1239.649	1	Ovary	2R:+:61187070-61187102	exon=> In CDS Exon 6 of transcript AGAP004671-PA
JHU_Ag_70653	NWCFENIPIQFIR	AGAP004671-PA	C3(Carbamidomethyl)	44	0.000621041	2	1736.870	7.12	Midgut	2R:+:61192040-61192078	exon=> In CDS Exon 13 of transcript AGAP004671-PA
JHU_Ag_84563	NWCFENIPIQFIR	AGAP004671-PA	C3(Carbamidomethyl),"N1(Deamidated), C3(Carbamidomethyl)"	44	0.000668763	2	1736.856	-0.89	Ovary	2R:+:61192040-61192078	exon=> In CDS Exon 13 of transcript AGAP004671-PA
JHU_Ag_106514	FLEYLQPVNK	AGAP004671-PA	-	41	0.001035232	2	1250.679	0.52	Ovary	2R:+:61187853-61187882	exon=> In CDS Exon 7 of transcript AGAP004671-PA
JHU_Ag_108955	NELHVHIDEYVR	AGAP004671-PA	-	67	3.09E-06	1	1523.761	0.81	Ovary	2R:+:61190457-61190492	exon=> In CDS Exon 9 of transcript AGAP004671-PA
JHU_Ag_210	EVKPFAFETDISHLIEGDK	AGAP004672-PA	-	37	0.002824397	3	2175.111	6.44	Ovary	2R:+:61251736-61251792	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_17869	MSFKQR	AGAP004672-PA	M1(Oxidation), Q5(Deamidated)	31	0.007108793	1	813.391	-2.19	Ovary	2R:+:61249450-61249467	exon=> In CDS Exon 3 of transcript AGAP004672-PA

JHU_Ag_30800	HSVVDHSNSTVTSVISPIRDDR	AGAP004672-PA	-	39	0.001691147	1	2421.230	7.43	Ovary	2R:+:61250446-61250511	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_37459	HLTQQGVTEK	AGAP004672-PA	Q4(Deamidated)	40	0.001031406	1	1141.600	13.32	Midgut	2R:+:61251181-61251210	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_44049	NSHPPYGSSVLAEQEVVVRPIIRDEELQR	AGAP004672-PA	-	39	0.000721594	1	3317.740	4.99	Ovary	2R:+:61247809-61247895	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_72039	IGGGNSYSSIPSTR	AGAP004672-PA	-	40	0.001606056	2	1395.691	3.23	Malpighian tubule	2R:+:61247491-61247532	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_98478	RPLSLCDAYNTSDDVLSLEK	AGAP004672-PA	C6(Carbamidomethyl)	89	1.79E-08	1	2296.118	2.42	Head	2R:+:61250530-61250589	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_103803	SDGYACFGIGETNEK	AGAP004672-PA	C6(Carbamidomethyl)	59	9.05E-06	2	1647.703	4.75	Ovary	2R:+:61249648-61249692	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_104949	KLQELEEK	AGAP004672-PA	Q3(Deamidated)	40	0.001679571	1	1017.558	11.03	Malpighian tubule	2R:+:61248325-61248348	exon=> In CDS Exon 3 of transcript AGAP004672-PA
JHU_Ag_4210	FGGTVDETSTGTPK	AGAP004674-PA	-	47	0.000317225	2	1396.663	3.04	Malpighian tubule	2R:-:61304270-61304229	exon=> In CDS Exon 4 of transcript AGAP004674-PA
JHU_Ag_49343	IAAKYR	AGAP004675-PA,AGAP004675-PB	-	32	0.003134819	1	721.437	2.25	Malpighian tubule	2R:+:61415700-61415717;2R:+:61415700-61415717	exon=> In CDS Exon 2 of transcript AGAP004675-PA;exon=> In CDS Exon 2 of transcript AGAP004675-PB
JHU_Ag_112700	MNNTAVTVGTESVEKSK	AGAP004675-PB	N3(Deamidated),N2(Deamidated)	36	0.004194608	1	1795.892	10	Salivary gland	2R:+:61417248-61417298	exon=> In CDS Exon 2 of transcript AGAP004675-PB
JHU_Ag_23418	AQLIDGK	AGAP004677-PB	N-Term(Acetyl)	37	0.002224964	2	786.436	0.8	Ovary	2L:-:159353-159333	exon=> In CDS Exon 1 of transcript AGAP004677-PB
JHU_Ag_93531	AQLIDGKQIAR	AGAP004677-PB	N-Term(Acetyl)	81	3.84E-08	1	1254.719	2	Malpighian tubule	2L:-:159353-159321	exon=> In CDS Exon 1 of transcript AGAP004677-PB
JHU_Ag_4222	LVGDVDFEEVR	AGAP004677-PB,AGAP004677-PA	-	62	9.89E-06	2	1277.640	2.37	Head	2L:-:157703-158297,157496-157616;2L:-:157703-158297,157496-157616	exon=> In CDS Exon 3 and 2 of transcript AGAP004677-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP004677-PA
JHU_Ag_7524	IDQLNNDDAVDGILIQLPVPNHIDER	AGAP004677-PB,AGAP004677-PA	N21(Deamidated)	109	1.23E-10	1	2927.492	5.82	Head	2L:-:158219-158142;2L:-:158219-158142	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_9183	IDQLNNDDAVDGILIQLPVPNHIDER	AGAP004677-PB,AGAP004677-PA	-	76	2.58E-07	1	2926.487	-1.38	Midgut	2L:-:158219-158142;2L:-:158219-158142	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_10455	FGTEITEEQLLER	AGAP004677-PB,AGAP004677-PA	-	79	2.05E-07	1	1564.786	0.26	Visceras	2L:-:158258-158220;2L:-:158258-158220	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_16727	SPQLTAILIGDDPASTTYVNNK	AGAP004677-PB,AGAP004677-PA	-	59	1.23E-05	2	2318.192	2.01	Visceras	2L:-:159263-159198;2L:-:159263-159198	exon=> In CDS Exon 1 of transcript AGAP004677-PB;exon=> In CDS Exon 2 of transcript AGAP004677-PA
JHU_Ag_17920	AAADVGIESK	AGAP004677-PB,AGAP004677-PA	-	51	0.000150008	2	960.500	-0.22	Male reproductive organs	2L:-:158297-158268;2L:-:158297-158268	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_19163	IDQLNNDDAVDGILIQLPVPNHIDER	AGAP004677-PB,AGAP004677-PA	-	85	2.89E-08	1	2926.502	3.76	Malpighian tubule	2L:-:158219-158142;2L:-:158219-158142	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_24484	IDQLNNDDAVDGILIQLPVPNHIDER	AGAP004677-PB,AGAP004677-PA	-	154	3.73E-15	1	2926.492	0.63	Ovary	2L:-:158219-158142;2L:-:158219-158142	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_33630	AAADVGIESK	AGAP004677-PB,AGAP004677-PA	-	57	4.23E-05	1	960.500	0.35	Ovary	2L:-:158297-158268;2L:-:158297-158268	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA

JHU_Ag_38537	KLVGDVDFEEVR	AGAP004677-PB,AGAP004677-PA	-	49	0.000173721	1	1405.733	0.38	Ovary	2L:-:157706-158297,157496-157616;2L:-:157706-158297,157496-157616	exon=> In CDS Exon 3 and 2 of transcript AGAP004677-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP004677-PA
JHU_Ag_43724	IDQLNNDDAVDGILIQLPVPNHIDER	AGAP004677-PB,AGAP004677-PA	-	133	5.04E-13	1	2926.501	3.38	Visceras	2L:-:158219-158142;2L:-:158219-158142	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_46619	FGTEITEEQLLER	AGAP004677-PB,AGAP004677-PA	-	62	1.06E-05	2	1564.787	0.73	Salivary gland	2L:-:158258-158220;2L:-:158258-158220	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_53872	FGTEITEEQLLER	AGAP004677-PB,AGAP004677-PA	-	56	4.52E-05	2	1564.789	2.45	Malpighian tubule	2L:-:158258-158220;2L:-:158258-158220	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_60340	TADIIVTATGVPGLITSDMIK	AGAP004677-PB,AGAP004677-PA	M19(Oxidation)	120	7.79E-12	1	2132.152	0.18	Ovary	2L:-:157832-157770;2L:-:157832-157770	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_69042	LVGDVDFEEVR	AGAP004677-PB,AGAP004677-PA	-	49	0.000235206	1	1277.649	9.34	Ovary	2L:-:157703-158297,157496-157616;2L:-:157703-158297,157496-157616	exon=> In CDS Exon 3 and 2 of transcript AGAP004677-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP004677-PA
JHU_Ag_70583	SPQLTAILIGDDPASTTYVNNK	AGAP004677-PB,AGAP004677-PA	-	94	4.36E-09	2	2318.199	4.96	Malpighian tubule	2L:-:159263-159198;2L:-:159263-159198	exon=> In CDS Exon 1 of transcript AGAP004677-PB;exon=> In CDS Exon 2 of transcript AGAP004677-PA
JHU_Ag_78325	TGIETFGK	AGAP004677-PB,AGAP004677-PA	-	41	0.000808985	1	852.446	-0.27	Ovary	2L:-:158009-157986;2L:-:158009-157986	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_86602	SPQLTAILIGDDPASTTYVNNK	AGAP004677-PB,AGAP004677-PA	-	94	4.57E-09	2	2318.188	0.33	Head	2L:-:159263-159198;2L:-:159263-159198	exon=> In CDS Exon 1 of transcript AGAP004677-PB;exon=> In CDS Exon 2 of transcript AGAP004677-PA
JHU_Ag_93403	FGTEITEEQLLER	AGAP004677-PB,AGAP004677-PA	-	37	0.003388944	2	1564.785	-0.28	Pupa	2L:-:158258-158220;2L:-:158258-158220	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_96041	NVGMPIAMLLHADGR	AGAP004677-PB,AGAP004677-PA	M4(Oxidation), M8(Oxidation)	41	0.00100955	1	1626.806	-2.05	Ovary	2L:-:157958-157914;2L:-:157958-157914	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_97079	EGAAIIDVGITR	AGAP004677-PB,AGAP004677-PA	-	98	1.99E-09	1	1214.673	-0.51	Ovary	2L:-:157769-157734;2L:-:157769-157734	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_111636	FGTEITEEQLLER	AGAP004677-PB,AGAP004677-PA	-	85	5.94E-08	1	1564.784	-0.67	Ovary	2L:-:158258-158220;2L:-:158258-158220	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_113655	FGTEITEEQLLER	AGAP004677-PB,AGAP004677-PA	-	71	1.53E-06	1	1564.790	2.68	Head	2L:-:158258-158220;2L:-:158258-158220	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_117496	SPQLTAILIGDDPASTTYVNNK	AGAP004677-PB,AGAP004677-PA	-	150	1.16E-14	1	2318.186	-0.62	Ovary	2L:-:159263-159198;2L:-:159263-159198	exon=> In CDS Exon 1 of transcript AGAP004677-PB;exon=> In CDS Exon 2 of transcript AGAP004677-PA
JHU_Ag_117782	FGTEITEEQLLER	AGAP004677-PB,AGAP004677-PA	-	70	1.68E-06	1	1564.786	0.19	Midgut	2L:-:158258-158220;2L:-:158258-158220	exon=> In CDS Exon 2 of transcript AGAP004677-PB;exon=> In CDS Exon 3 of transcript AGAP004677-PA
JHU_Ag_14925	TQYIPLVK	AGAP004678-PA	-	30	0.003099635	1	961.583	11.28	Head	2L:+:204114-204137	exon=> In CDS Exon 2 of transcript AGAP004678-PA

JHU_Ag_56012	LSGTLVNVLPLQPATDKPKPLILDAEGR	AGAP004682-PA	-	53	5.47E-06	1	2955.682	-2.1	Ovary	2L:-:460770-460687	exon=> In CDS Exon 1 of transcript AGAP004682-PA
JHU_Ag_104230	SEIVNGNNISANHIKR	AGAP004682-PA	N-Term(Acetyl)	42	0.000813524	1	1807.946	2.87	Malpighian tubule	2L:-:461079-461032	exon=> In CDS Exon 1 of transcript AGAP004682-PA
JHU_Ag_73181	RDLIILR	AGAP004685-PA,AGAP004685-PB	-	33	0.001135563	1	898.585	2.02	Malpighian tubule	2L:-:496258-496238;2L:-:496258-496238	exon=> In CDS Exon 4 of transcript AGAP004685-PA;exon=> In CDS Exon 2 of transcript AGAP004685-PB
JHU_Ag_42162	IPISIQHIFENPLMK	AGAP004689-PA,AGAP004689-PB,AGAP004689-PC	M14(Oxidation)	54	2.65E-05	1	1795.983	3.02	Head	2L:+:1054667-1054711;2L:+:1054667-1054711;2L:+:1054667-1054711	exon=> In CDS Exon 5 of transcript AGAP004689-PA;exon=> In CDS Exon 6 of transcript AGAP004689-PB;exon=> In CDS Exon 6 of transcript AGAP004689-PC
JHU_Ag_86343	IGLSDAYIIDK	AGAP004689-PA,AGAP004689-PB,AGAP004689-PC	-	68	1.35E-06	2	1207.654	-2.55	Salivary gland	2L:+:1054727-1054759;2L:+:1054727-1054759;2L:+:1054727-1054759	exon=> In CDS Exon 5 of transcript AGAP004689-PA;exon=> In CDS Exon 6 of transcript AGAP004689-PB;exon=> In CDS Exon 6 of transcript AGAP004689-PC
JHU_Ag_114126	KIPISIQHIFENPLMK	AGAP004689-PA,AGAP004689-PB,AGAP004689-PC	M15(Oxidation)	38	0.000631638	1	1924.078	2.88	Head	2L:+:1054664-1054711;2L:+:1054664-1054711;2L:+:1054664-1054711	exon=> In CDS Exon 5 of transcript AGAP004689-PA;exon=> In CDS Exon 6 of transcript AGAP004689-PB;exon=> In CDS Exon 6 of transcript AGAP004689-PC
JHU_Ag_44255	SYGNLGQISTYSK	AGAP004690-PA	-	51	0.000121649	2	1417.697	0.63	Malpighian tubule	2L:-:1133470-1133432	exon=> In CDS Exon 2 of transcript AGAP004690-PA
JHU_Ag_48407	VSNPGLAVGHIAASYPHPIAAPAYGHVGYAATALK	AGAP004690-PA	-	153	2.87E-15	1	3441.810	1.07	Head	2L:-:1133386-1133282	exon=> In CDS Exon 2 of transcript AGAP004690-PA
JHU_Ag_80395	HAYFGQPDYR	AGAP004691-PA	-	40	0.001225654	2	1253.567	-2.3	Head	2L:-:1288867-1288838	exon=> In CDS Exon 4 of transcript AGAP004691-PA
JHU_Ag_108644	ELIPR	AGAP004691-PA,AGAP009971-PA	-	31	0.003100707	1	627.383	0.54	Visceras	2L:-:1277279-1277265;3R:+:46927405-46927419	exon=> In CDS Exon 7 of transcript AGAP004691-PA;exon=> In CDS Exon 1 of transcript AGAP009971-PA
JHU_Ag_38612	ILDIGFPTYISHQFIR	AGAP004699-PA	-	47	0.000150778	1	1920.047	4.78	Head	2L:+:1974653-1974700	exon=> In CDS Exon 2 of transcript AGAP004699-PA
JHU_Ag_55787	ILDIGFPTYISHQFIR	AGAP004699-PA	-	41	0.000665367	1	1920.041	1.53	Ovary	2L:+:1974653-1974700	exon=> In CDS Exon 2 of transcript AGAP004699-PA
JHU_Ag_55860	IGSGSFGTVYK	AGAP004699-PA	-	66	3.39E-06	2	1115.578	4.14	Malpighian tubule	2L:+:1975437-1975469	exon=> In CDS Exon 4 of transcript AGAP004699-PA
JHU_Ag_79947	IVEIINATK	AGAP004703-PA	-	29	0.005518027	1	1000.615	10.77	Ovary	2L:+:2252446-2252472	exon=> In CDS Exon 6 of transcript AGAP004703-PA
JHU_Ag_98256	KPTRGIVQR	AGAP004703-PA	-	29	0.003120656	1	1054.652	3.79	Ovary	2L:+:2249926-2249952	exon=> In CDS Exon 3 of transcript AGAP004703-PA
JHU_Ag_101138	HGLAK	AGAP004703-PA	-	33	0.001932984	1	525.315	1.41	Head	2L:+:2253226-2253240	exon=> In CDS Exon 7 of transcript AGAP004703-PA
JHU_Ag_24841	DFDLTQDCTDDAGK	AGAP004707-PA,AGAP004707-PB,AGAP004707-PC	C8(Carbamidomethyl)	96	6.12E-10	1	1600.648	3.05	Head	2L:+:2407813-2407818,2407894-2407929;2L:+:2407813-2407818,2407894-2407929;2L:+:2407813-2407818,2407894-2407929	exon=> In CDS Exon 13 and 14 of transcript AGAP004707-PA;exon=> In CDS Exon 13 and 14 of transcript AGAP004707-PB;exon=> In CDS Exon 13 and 14 of transcript AGAP004707-PC

JHU_Ag_26879	EAEEAAAAKAAK	AGAP004707-PA,AGAP004707-PB,AGAP004707-PC	-	41	0.00142248	1	1159.598	2.07	Visceras	2L:+:2399898-2399933;2L:+:2399898-2399933;2L:+:2399898-2399933	exon=> In CDS Exon 10 of transcript AGAP004707-PA;exon=> In CDS Exon 10 of transcript AGAP004707-PB;exon=> In CDS Exon 10 of transcript AGAP004707-PC
JHU_Ag_33	VRFDSDEVFK	AGAP004708-PA	-	39	0.001447139	1	1241.620	3.34	Ovary	2L:-:2473314-2473285	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_1036	VIVDFSSPNVAK	AGAP004708-PA	-	37	0.002979395	1	1275.693	-1.06	Pupa	2L:-:2473566-2473531	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_1454	LQSGELSYLK	AGAP004708-PA	-	35	0.003027202	1	1137.615	-0.23	Malpighian tubule	2L:-:2473257-2473228	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_6314	AWNLICDVSR	AGAP004708-PA	C6(Carbamidomethyl)	56	4.75E-05	2	1233.607	2.39	Ovary	2L:-:2473227-2473198	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_7243	IVEELKQDGFLEEDEGR	AGAP004708-PA	-	61	1.53E-05	1	2005.976	2.13	Salivary gland	2L:-:2473113-2473063	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_7948	LTELLNEGLR	AGAP004708-PA	-	48	0.000209675	2	1157.653	0.31	Pupa	2L:-:2472759-2472730	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_8441	FGDYQCNSAMQIAQHLK	AGAP004708-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), M10(Oxidation)"	99	1.45E-09	1	2026.921	4.8	Malpighian tubule	2L:-:2473883-2473833	exon=> In CDS Exon 2 of transcript AGAP004708-PA
JHU_Ag_10143	LTELLNEGLR	AGAP004708-PA	-	45	0.000403987	2	1157.652	-0.32	Male reproductive organs	2L:-:2472759-2472730	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_10175	FLEYLGHDVLR	AGAP004708-PA	-	85	4.67E-08	1	1361.724	1.78	Head	2L:-:2473476-2473444	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_12763	NIEKEILLLQSEVLK	AGAP004708-PA	-	54	7.36E-06	1	1769.050	4.35	Ovary	2L:-:2474260-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_18844	FLEYLGHDVLR	AGAP004708-PA	-	63	7.96E-06	1	1361.727	4.29	Ovary	2L:-:2473476-2473444	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_21387	VIVDFSSPNVAK	AGAP004708-PA	-	69	1.37E-06	1	1275.701	5.07	Malpighian tubule	2L:-:2473566-2473531	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_24319	EGLGLEDDNVELKK	AGAP004708-PA	-	86	4.10E-08	1	1558.804	5.07	Malpighian tubule	2L:-:2474209-2474168	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_24514	IMSILR	AGAP004708-PA	-	40	0.00044818	2	732.447	3.85	Malpighian tubule	2L:-:2473620-2473603	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_26859	VIVDFSSPNVAKEMHVGHLR	AGAP004708-PA	M14(Oxidation)	38	0.00167812	1	2251.175	4.45	Malpighian tubule	2L:-:2473566-2473507	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_28692	HGIVVPLIEK	AGAP004708-PA	-	73	1.21E-07	1	1104.678	0.38	Pupa	2L:-:2473602-2473573	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_31261	VRFDSDEVFK	AGAP004708-PA	-	41	0.001061476	1	1241.619	2.45	Male reproductive organs	2L:-:2473314-2473285	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_32010	EILLLQSEVLK	AGAP004708-PA	-	31	0.001579147	2	1284.780	1.81	Pupa	2L:-:2474248-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_35602	AGIPLTIVK	AGAP004708-PA	-	36	0.000192939	2	911.592	-0.63	Pupa	2L:-:2473038-2473012	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_36340	NNEYVFSFDK	AGAP004708-PA	-	60	8.83E-06	2	1262.570	0.73	Ovary	2L:-:2472606-2472577	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_36486	VRFDSDEVFK	AGAP004708-PA	-	37	0.002486816	1	1241.617	0.39	Head	2L:-:2473314-2473285	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_38051	VRFDSDEVFK	AGAP004708-PA	-	36	0.00277567	1	1241.617	1.08	Midgut	2L:-:2473314-2473285	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_38072	VIVDFSSPNVAK	AGAP004708-PA	-	62	8.09E-06	1	1275.693	-0.77	Male reproductive organs	2L:-:2473566-2473531	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_39329	FLEYLGHDVLR	AGAP004708-PA	-	56	4.06E-05	1	1361.722	0.61	Pupa	2L:-:2473476-2473444	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_40603	LTELLNEGLR	AGAP004708-PA	-	49	0.000160157	2	1157.653	0.31	Salivary gland	2L:-:2472759-2472730	exon=> In CDS Exon 3 of transcript AGAP004708-PA

JHU_Ag_41828	FTDVMLLIMK	AGAP004708-PA	-	60	7.35E-06	2	1210.663	4.86	Malpighian tubule	2L:-:2472328-2472299	exon=> In CDS Exon 4 of transcript AGAP004708-PA
JHU_Ag_42097	NIEKEILLLQSEVLK	AGAP004708-PA	-	97	3.21E-10	2	1769.050	4.46	Malpighian tubule	2L:-:2474260-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_44520	QGEIITVYPSR	AGAP004708-PA	-	44	0.000528279	2	1262.674	0.12	Salivary gland	2L:-:2472202-2472505,2471997-2472078	exon=> In CDS Exon 5 and 4 of transcript AGAP004708-PA
JHU_Ag_44589	EILLLQSEVLK	AGAP004708-PA	-	52	1.47E-05	2	1284.781	2.47	Salivary gland	2L:-:2474248-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_45942	VIVDFSSPNVAK	AGAP004708-PA	-	77	2.77E-07	1	1275.695	0.66	Ovary	2L:-:2473566-2473531	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_48147	NNEYVFSFDK	AGAP004708-PA	-	50	9.71E-05	2	1262.574	4.01	Malpighian tubule	2L:-:2472606-2472577	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_48505	VIVDFSSPNVAK	AGAP004708-PA	-	69	1.65E-06	1	1275.698	2.77	Head	2L:-:2473566-2473531	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_48593	STIIGDSICR	AGAP004708-PA	C9(Carbamidomethyl)	55	4.65E-05	2	1121.568	5.07	Ovary	2L:-:2473506-2473477	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_49325	FLEYLGHDVLR	AGAP004708-PA	-	89	1.69E-08	1	1361.722	0.43	Malpighian tubule	2L:-:2473476-2473444	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_52096	NKQGEIITVYPSR	AGAP004708-PA	-	100	8.97E-10	1	1504.819	4.67	Malpighian tubule	2L:-:2472208-2472505,2471997-2472078	exon=> In CDS Exon 5 and 4 of transcript AGAP004708-PA
JHU_Ag_53737	HGIVVPLIEK	AGAP004708-PA	-	71	2.00E-07	1	1104.675	-1.95	Head	2L:-:2473602-2473573	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_56588	SDGGFTYDTSDMAAIK	AGAP004708-PA	M12(Oxidation)	62	4.48E-06	2	1694.730	4.82	Malpighian tubule	2L:-:2473011-2472964	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_58157	SDGGFTYDTSDMAAIKQR	AGAP004708-PA	M12(Oxidation)	59	1.56E-05	2	1962.896	5.04	Malpighian tubule	2L:-:2473011-2472958	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_58239	VRFDSDEVFK	AGAP004708-PA	-	42	0.000718407	1	1241.623	5.4	Malpighian tubule	2L:-:2473314-2473285	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_62188	STIIGDSICR	AGAP004708-PA	C9(Carbamidomethyl)	66	4.00E-06	2	1121.566	3.77	Malpighian tubule	2L:-:2473506-2473477	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_62189	AGIPLTIVK	AGAP004708-PA	-	30	0.0006	2	911.593	0.64	Salivary gland	2L:-:2473038-2473012	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_62724	NNEYVFSFDK	AGAP004708-PA	-	49	0.000115252	2	1262.568	-0.92	Pupa	2L:-:2472606-2472577	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_64398	GESFYQSR	AGAP004708-PA	-	48	9.38E-05	2	973.440	2.59	Malpighian tubule	2L:-:2473146-2473123	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_65750	LTELLNEGLR	AGAP004708-PA	-	45	0.000405325	2	1157.651	-1.59	Malpighian tubule	2L:-:2472759-2472730	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_68125	FLEYLGHDVLR	AGAP004708-PA	-	76	4.49E-07	1	1361.722	0.7	Midgut	2L:-:2473476-2473444	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_69586	EILLLQSEVLK	AGAP004708-PA	-	83	1.06E-08	1	1284.778	0.76	Malpighian tubule	2L:-:2474248-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_74736	HGIVVPLIEK	AGAP004708-PA	-	56	5.61E-06	2	1104.678	0.15	Male reproductive organs	2L:-:2473602-2473573	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_74848	HGIVVPLIEK	AGAP004708-PA	-	50	2.09E-05	2	1104.677	-0.4	Midgut	2L:-:2473602-2473573	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_78427	NIEKEILLLQSEVLK	AGAP004708-PA	-	45	4.18E-05	2	1769.057	8.32	Head	2L:-:2474260-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_81190	VIVDFSSPNVAK	AGAP004708-PA	-	51	0.000102569	1	1275.697	1.72	Salivary gland	2L:-:2473566-2473531	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_85851	SDGGFTYDTSDMAAIK	AGAP004708-PA	-	37	0.001094349	2	1678.729	1.26	Ovary	2L:-:2473011-2472964	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_86231	EILLLQSEVLK	AGAP004708-PA	-	39	0.000323391	2	1284.777	-0.09	Ovary	2L:-:2474248-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA

JHU_Ag_86523	VLLCEATSK	AGAP004708-PA	C4(Carbamidomethyl)	53	7.85E-05	1	1020.543	3.31	Malpighian tubule	2L:-:2472077-2472051	exon=> In CDS Exon 5 of transcript AGAP004708-PA
JHU_Ag_87829	EGLGLEDDNVELK	AGAP004708-PA	-	48	0.000217558	2	1430.701	0.23	Head	2L:-:2474209-2474171	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_90121	HGIVVPLIEK	AGAP004708-PA	-	67	3.83E-07	1	1104.682	3.58	Malpighian tubule	2L:-:2473602-2473573	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_95680	QGEIITVYPSR	AGAP004708-PA	-	76	3.20E-07	1	1262.680	4.47	Malpighian tubule	2L:-:2472202-2472505,2471997-2472078	exon=> In CDS Exon 5 and 4 of transcript AGAP004708-PA
JHU_Ag_95746	AFPSVLVEAVITISSSPK	AGAP004708-PA	-	86	7.94E-09	1	1845.048	5.77	Malpighian tubule	2L:-:2473937-2473884	exon=> In CDS Exon 2 of transcript AGAP004708-PA
JHU_Ag_99282	LVERGESFYQSR	AGAP004708-PA	-	78	1.92E-07	1	1470.739	3.62	Malpighian tubule	2L:-:2473158-2473123	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_107743	ADFDSATK	AGAP004708-PA	N-Term(Acetyl)	41	0.000578498	1	896.404	4.98	Malpighian tubule	2L:-:2474293-2474270	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_108596	LTELLNEGLRR	AGAP004708-PA	-	39	0.000583186	1	1313.754	0.42	Ovary	2L:-:2472759-2472727	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_108941	AGIPLTIVK	AGAP004708-PA	-	40	5.88E-05	2	911.596	3.59	Malpighian tubule	2L:-:2473038-2473012	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_111970	VIVDFSSPNVAK	AGAP004708-PA	-	60	1.29E-05	2	1275.695	0.28	Midgut	2L:-:2473566-2473531	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_111984	QGEIITVYPSR	AGAP004708-PA	-	44	0.000543005	2	1262.679	4.08	Ovary	2L:-:2472202-2472505,2471997-2472078	exon=> In CDS Exon 5 and 4 of transcript AGAP004708-PA
JHU_Ag_113829	IVEELKQDGFLEEDEGR	AGAP004708-PA	-	71	1.43E-06	1	2005.972	0.13	Ovary	2L:-:2473113-2473063	exon=> In CDS Exon 3 of transcript AGAP004708-PA
JHU_Ag_114451	ADFDSATK	AGAP004708-PA	N-Term(Acetyl)	41	0.000569496	1	896.401	1.24	Ovary	2L:-:2474293-2474270	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_117626	EILLLQSEVLK	AGAP004708-PA	-	55	6.36E-06	2	1284.779	1.52	Head	2L:-:2474248-2474216	exon=> In CDS Exon 1 of transcript AGAP004708-PA
JHU_Ag_23304	VDLFLR	AGAP004709-PA	-	40	0.000523231	2	762.453	2.19	Malpighian tubule	2L:+:2483082-2483099	exon=> In CDS Exon 2 of transcript AGAP004709-PA
JHU_Ag_40122	GNDFTAFITLGK	AGAP004709-PA	-	71	9.09E-07	1	1283.667	2.98	Visceras	2L:+:2482971-2483006	exon=> In CDS Exon 2 of transcript AGAP004709-PA
JHU_Ag_1070	GFDMITDTIFESHNK	AGAP004710-PA	M4(Oxidation)	100	1.10E-09	1	1770.802	0.93	Head	2L:-:2483469-2483425	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_5221	LLNNLLLK	AGAP004710-PA	-	55	4.44E-06	1	940.621	1.67	Salivary gland	2L:-:2483547-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_16551	KLLNNLLLK	AGAP004710-PA	-	19	0.003068598	2	1068.716	1.53	Visceras	2L:-:2483550-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_18681	LLNNLLLK	AGAP004710-PA	-	55	4.36E-06	2	940.620	1.35	Ovary	2L:-:2483547-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_22740	MKLLNNLLLK	AGAP004710-PA	-	41	2.90E-05	2	1199.755	0.37	Malpighian tubule	2L:-:2483553-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_26612	MKLLNNLLLK	AGAP004710-PA	N-Term(Acetyl), N5(Deamidated)	33	0.000876503	3	1242.761	9.79	Visceras	2L:-:2483553-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_34675	MKLLNNLLLK	AGAP004710-PA	-	27	0.000758682	2	1199.756	1.59	Visceras	2L:-:2483553-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_55815	GFDMITDTIFESHNK	AGAP004710-PA	M4(Oxidation)	105	3.31E-10	1	1770.806	3.06	Malpighian tubule	2L:-:2483469-2483425	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_58671	LLNNLLLK	AGAP004710-PA	-	59	1.87E-06	2	940.620	1.02	Malpighian tubule	2L:-:2483547-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_61447	LLNNLLLK	AGAP004710-PA	-	52	9.60E-06	2	940.619	-0.08	Head	2L:-:2483547-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_70470	GFDMITDTIFESHNK	AGAP004710-PA	M4(Oxidation)	112	6.57E-11	2	1770.795	-2.86	Midgut	2L:-:2483469-2483425	exon=> In CDS Exon 1 of transcript AGAP004710-PA

JHU_Ag_77816	GFDMITDTIFESHNK	AGAP004710-PA	M4(Oxidation)	50	0.000107257	1	1770.800	-0.35	Ovary	2L:-:2483469-2483425	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_81363	GFDMITDTIFESHNK	AGAP004710-PA	M4(Oxidation)	49	0.000146339	1	1770.811	6.1	Larva	2L:-:2483469-2483425	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_86643	LLNNLLLK	AGAP004710-PA	-	45	4.49E-05	2	940.621	1.93	Larva	2L:-:2483547-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_91843	LLNNLLLKR	AGAP004710-PA	-	48	6.18E-06	1	1096.723	2.85	Malpighian tubule	2L:-:2483547-2483521	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_99525	LLNNLLLK	AGAP004710-PA	N3(Deamidated)	54	6.40E-06	1	940.618	-1.19	Midgut	2L:-:2483547-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_105306	LLNNLLLKR	AGAP004710-PA	-	66	1.10E-07	1	1096.722	1.45	Visceras	2L:-:2483547-2483521	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_108169	LLNNLLLK	AGAP004710-PA	-	70	1.40E-07	2	940.620	0.76	Visceras	2L:-:2483547-2483524	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_116233	GFDMITDTIFESHNK	AGAP004710-PA	M4(Oxidation)	110	1.11E-10	1	1770.805	2.86	Visceras	2L:-:2483469-2483425	exon=> In CDS Exon 1 of transcript AGAP004710-PA
JHU_Ag_4423	GLTVAENCSVTK	AGAP004715-PA	C8(Carbamidomethyl)	34	0.006953246	2	1278.635	-0.93	Head	2L:+:2616451-2616486	exon=> In CDS Exon 2 of transcript AGAP004715-PA
JHU_Ag_9101	GLTVAENCSVTK	AGAP004715-PA	C8(Carbamidomethyl)	51	0.000141677	2	1278.634	-1.7	Ovary	2L:+:2616451-2616486	exon=> In CDS Exon 2 of transcript AGAP004715-PA
JHU_Ag_9220	DKMDESNLLAYRPNK	AGAP004715-PA	M3(Oxidation)	54	7.25E-05	1	1809.888	4.21	Malpighian tubule	2L:+:2620557-2620601	exon=> In CDS Exon 8 of transcript AGAP004715-PA
JHU_Ag_11057	HGGYENDCSLAR	AGAP004715-PA	C8(Carbamidomethyl)	56	1.17E-05	2	1378.583	2.04	Malpighian tubule	2L:+:2619267-2619302	exon=> In CDS Exon 4 of transcript AGAP004715-PA
JHU_Ag_17279	ALPVTNDYILSGDYEVEIAGIRYPAK	AGAP004715-PA	-	34	0.003422171	1	2867.498	5.51	Malpighian tubule	2L:+:2620407-2620484	exon=> In CDS Exon 8 of transcript AGAP004715-PA
JHU_Ag_35878	IMLSELTDTDLSPK	AGAP004715-PA	M2(Oxidation)	82	1.12E-07	2	1578.804	6.77	Malpighian tubule	2L:+:2619598-2619639	exon=> In CDS Exon 5 of transcript AGAP004715-PA
JHU_Ag_37499	HGGYENDCSLAR	AGAP004715-PA	C8(Carbamidomethyl)	34	0.002046906	1	1378.582	0.8	Head	2L:+:2619267-2619302	exon=> In CDS Exon 4 of transcript AGAP004715-PA
JHU_Ag_42569	EVPGLHYDLNYPFHEFR	AGAP004715-PA	-	47	0.000271551	1	2133.017	-0.98	Head	2L:+:2618850-2618900	exon=> In CDS Exon 4 of transcript AGAP004715-PA
JHU_Ag_42672	ELDVGLANGIR	AGAP004715-PA	-	62	5.52E-06	2	1156.631	-0.64	Ovary	2L:+:2619748-2619780	exon=> In CDS Exon 6 of transcript AGAP004715-PA
JHU_Ag_44729	AIADIITQGYSTVDLHELDISR	AGAP004715-PA	-	78	1.83E-07	1	2430.269	7.38	Malpighian tubule	2L:+:2617098-2617122,2618761-2618801	exon=> In CDS Exon 3 and 4 of transcript AGAP004715-PA
JHU_Ag_53427	VVICGGGIMGAAVAHQLAQR	AGAP004715-PA	C4(Carbamidomethyl), M9(Oxidation)	41	0.000780085	1	2024.064	5.62	Malpighian tubule	2L:+:2615915-2615974	exon=> In CDS Exon 1 of transcript AGAP004715-PA
JHU_Ag_55049	AIADIITQGYSTVDLHELDISR	AGAP004715-PA	-	59	1.36E-05	1	2430.272	8.74	Visceras	2L:+:2617098-2617122,2618761-2618801	exon=> In CDS Exon 3 and 4 of transcript AGAP004715-PA
JHU_Ag_57989	AIADIITQGYSTVDLHELDISR	AGAP004715-PA	-	102	7.26E-10	1	2430.261	3.92	Ovary	2L:+:2617098-2617122,2618761-2618801	exon=> In CDS Exon 3 and 4 of transcript AGAP004715-PA
JHU_Ag_77216	EVPGLHYDLNYPFHEFR	AGAP004715-PA	-	58	2.14E-05	1	2133.016	-1.58	Ovary	2L:+:2618850-2618900	exon=> In CDS Exon 4 of transcript AGAP004715-PA
JHU_Ag_100141	ELDVGLANGIR	AGAP004715-PA	-	52	5.34E-05	2	1156.636	3.69	Malpighian tubule	2L:+:2619748-2619780	exon=> In CDS Exon 6 of transcript AGAP004715-PA
JHU_Ag_107464	TVGMSAAGGVGR	AGAP004715-PA	M4(Oxidation)	56	4.51E-05	2	1078.532	1.25	Malpighian tubule	2L:+:2617062-2617097	exon=> In CDS Exon 3 of transcript AGAP004715-PA
JHU_Ag_8429	VATYTNEYFTDYLDTK	AGAP004721-PA	-	43	0.000656009	2	1943.897	2.93	Larva	2L:-:2751151-2751451,2750852-2751018	exon=> In CDS Exon 4 and 3 of transcript AGAP004721-PA
JHU_Ag_9731	VPLFVR	AGAP004721-PA	-	32	0.003279002	1	730.463	2.32	Larva	2L:-:2750458-2750441	exon=> In CDS Exon 6 of transcript AGAP004721-PA

JHU_Ag_23888	NIGFEILPSIR	AGAP004721-PA	-	43	0.000501448	1	1258.717	0.9	Ovary	2L:-:2749956-2749924	exon=> In CDS Exon 7 of transcript AGAP004721-PA
JHU_Ag_29876	NIGFEILPSIR	AGAP004721-PA	-	72	6.62E-07	1	1258.715	-0.45	Midgut	2L:-:2749956-2749924	exon=> In CDS Exon 7 of transcript AGAP004721-PA
JHU_Ag_42481	VATYTNEYFTDYLDTK	AGAP004721-PA	-	95	4.09E-09	1	1943.892	0.55	Ovary	2L:-:2751151-2751451,2750852-2751018	exon=> In CDS Exon 4 and 3 of transcript AGAP004721-PA
JHU_Ag_47093	HFFAMVTPPAPHAPFTPADR	AGAP004721-PA	M5(Oxidation)	75	5.12E-07	1	2223.078	-0.98	Midgut	2L:-:2750981-2750922	exon=> In CDS Exon 4 of transcript AGAP004721-PA
JHU_Ag_57042	NIGFEILPSIR	AGAP004721-PA	-	66	2.29E-06	1	1258.716	0.32	Malpighian tubule	2L:-:2749956-2749924	exon=> In CDS Exon 7 of transcript AGAP004721-PA
JHU_Ag_72166	VATYTNEYFTDYLDTK	AGAP004721-PA	-	103	5.83E-10	2	1943.898	3.81	Head	2L:-:2751151-2751451,2750852-2751018	exon=> In CDS Exon 4 and 3 of transcript AGAP004721-PA
JHU_Ag_76232	VPLFVR	AGAP004721-PA	-	35	0.001654786	2	730.462	1.65	Ovary	2L:-:2750458-2750441	exon=> In CDS Exon 6 of transcript AGAP004721-PA
JHU_Ag_86786	VATYTNEYFTDYLDTK	AGAP004721-PA	-	91	9.13E-09	2	1943.893	0.99	Midgut	2L:-:2751151-2751451,2750852-2751018	exon=> In CDS Exon 4 and 3 of transcript AGAP004721-PA
JHU_Ag_93813	HFFAMVTPPAPHAPFTPADR	AGAP004721-PA	M5(Oxidation)	71	1.19E-06	1	2223.089	3.63	Larva	2L:-:2750981-2750922	exon=> In CDS Exon 4 of transcript AGAP004721-PA
JHU_Ag_100884	VPLFVR	AGAP004721-PA	-	31	0.004166216	2	730.462	1.15	Malpighian tubule	2L:-:2750458-2750441	exon=> In CDS Exon 6 of transcript AGAP004721-PA
JHU_Ag_116910	VATYTNEYFTDYLDTK	AGAP004721-PA	-	43	0.000566417	2	1943.896	2.75	Pupa	2L:-:2751151-2751451,2750852-2751018	exon=> In CDS Exon 4 and 3 of transcript AGAP004721-PA
JHU_Ag_8540	NAANADLVPAEQANVK	AGAP004723-PA	-	50	0.000113558	2	1624.832	2.11	Visceras	2L:+:2760061-2760108	exon=> In CDS Exon 4 of transcript AGAP004723-PA
JHU_Ag_17260	LKPEEPVEEVNEFSVEK	AGAP004723-PA	-	81	1.31E-07	1	2002.003	0.55	Malpighian tubule	2L:+:2756819-2756869	exon=> In CDS Exon 1 of transcript AGAP004723-PA
JHU_Ag_27129	NAANADLVPAEQANVK	AGAP004723-PA	-	122	7.05E-12	1	1624.830	0.39	Ovary	2L:+:2760061-2760108	exon=> In CDS Exon 4 of transcript AGAP004723-PA
JHU_Ag_50565	GLIPEEIIGATDEHGKLMFLMK	AGAP004723-PA	M18(Oxidation), M21(Oxidation)	59	1.46E-05	1	2474.274	2.85	Ovary	2L:+:2757267-2757291,2760014-2760054	exon=> In CDS Exon 3 and 4 of transcript AGAP004723-PA
JHU_Ag_65281	NAANADLVPAEQANVK	AGAP004723-PA	-	70	1.13E-06	2	1624.834	2.79	Malpighian tubule	2L:+:2760061-2760108	exon=> In CDS Exon 4 of transcript AGAP004723-PA
JHU_Ag_69632	NAANADLVPAEQANVK	AGAP004723-PA	-	58	2.02E-05	2	1624.828	-0.59	Head	2L:+:2760061-2760108	exon=> In CDS Exon 4 of transcript AGAP004723-PA
JHU_Ag_87258	LKPEEPVEEVNEFSVEK	AGAP004723-PA	-	89	2.21E-08	1	2001.999	-1.4	Head	2L:+:2756819-2756869	exon=> In CDS Exon 1 of transcript AGAP004723-PA
JHU_Ag_88258	GYSSEENTWEPEENLDCDDLIQAFKESR	AGAP004723-PA	C17(Carbamidomethyl)	42	0.000436364	3	3361.470	7.76	Malpighian tubule	2L:+:2756978-2757061	exon=> In CDS Exon 2 of transcript AGAP004723-PA
JHU_Ag_92401	LKPEEPVEEVNEFSVEK	AGAP004723-PA	-	101	1.39E-09	1	2002.006	1.95	Ovary	2L:+:2756819-2756869	exon=> In CDS Exon 1 of transcript AGAP004723-PA
JHU_Ag_105917	GLIPEEIIGATDEHGK	AGAP004723-PA	-	66	3.15E-06	1	1678.876	6.94	Ovary	2L:+:2757267-2757291,2760014-2760036	exon=> In CDS Exon 3 and 4 of transcript AGAP004723-PA
JHU_Ag_109413	CPQIVIK	AGAP004723-PA	C1(Carbamidomethyl)	46	0.000235197	2	857.492	1.22	Ovary	2L:+:2760109-2760129	exon=> In CDS Exon 4 of transcript AGAP004723-PA
JHU_Ag_112625	LTWQSAEAK	AGAP004723-PA	-	48	0.000327715	1	1033.532	0.68	Ovary	2L:+:2760145-2760171	exon=> In CDS Exon 4 of transcript AGAP004723-PA
JHU_Ag_39717	KLGIQLK	AGAP004724-PA	Q5(Deamidated)	32	0.002705511	2	800.534	12.02	Pupa	2L:+:2796092-2796112	exon=> In CDS Exon 3 of transcript AGAP004724-PA
JHU_Ag_67332	KLGIQLK	AGAP004724-PA	Q5(Deamidated)	33	0.001924196	2	800.535	13.09	Head	2L:+:2796092-2796112	exon=> In CDS Exon 3 of transcript AGAP004724-PA

JHU_Ag_96737	KLGIQLK	AGAP004724-PA	Q5(Deamidated)	32	0.002686886	2	800.534	11.94	Midgut	2L:+:2796092-2796112	exon=> In CDS Exon 3 of transcript AGAP004724-PA
JHU_Ag_1644	IKDMSSVLTSFEEFMR	AGAP004725-PA	M15(Oxidation),M4(Oxidation),"M4(Oxidation), M15(Oxidation)"	108	2.60E-10	1	1935.919	-0.22	Ovary	2L:+:2798342-2798389	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_1923	ALPVVMKEENGVTPR	AGAP004725-PA	M6(Oxidation),"M6(Oxidation), N10(Deamidated)",N10(Deamidated)	86	2.76E-08	2	1640.875	4.32	Malpighian tubule	2L:+:2798402-2798446	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_4230	NNNKALGTLR	AGAP004725-PA	-	40	0.001505965	2	1100.621	3.42	Malpighian tubule	2L:+:2798531-2798560	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_5336	FNIVSAIFDYNPK	AGAP004725-PA	-	75	4.33E-07	2	1527.780	-3.06	Midgut	2L:+:2799263-2799301	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_5726	TFYQQLR	AGAP004725-PA	-	37	0.001678866	2	955.501	1.41	Ovary	2L:+:2800235-2800255	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_5745	LQALSMQLADKVTNLVDANER	AGAP004725-PA	M6(Oxidation)	41	0.000838287	3	2345.223	4.19	Salivary gland	2L:+:2800652-2800714	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_5759	AAPEDFAEEEEDDER	AGAP004725-PA	-	61	1.53E-06	2	1751.692	2.41	Salivary gland	2L:+:2798615-2798659	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_6472	TVAETNNLGPAVAVK	AGAP004725-PA	-	58	1.32E-05	2	1483.812	0.42	Head	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_6565	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	73	2.69E-07	1	2344.276	0.04	Midgut	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_6833	VTNLVDANER	AGAP004725-PA	-	59	2.43E-05	2	1130.582	1.77	Malpighian tubule	2L:+:2800685-2800714	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_7272	IKDMSSVLTSFEEFMR	AGAP004725-PA	M4(Oxidation), M15(Oxidation)	68	2.35E-06	2	1951.919	2.77	Larva	2L:+:2798342-2798389	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_7367	EHVVAAAK	AGAP004725-PA	-	53	4.15E-05	1	824.463	1.04	Salivary gland	2L:+:2800301-2800324	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_7491	TVAETNNLGPAVAVK	AGAP004725-PA	-	95	2.55E-09	2	1483.814	1.32	Visceras	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_7781	QSLVGPPESMREHVVAAAK	AGAP004725-PA	M10(Oxidation)	46	0.000307971	1	2022.047	1.6	Ovary	2L:+:2800268-2800324	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_8762	FNIVSAIFDYNPK	AGAP004725-PA	-	75	4.22E-07	2	1527.782	-1.62	Head	2L:+:2799263-2799301	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_10049	ELLAQGLVPQR	AGAP004725-PA	-	63	1.62E-06	1	1223.716	3.91	Malpighian tubule	2L:+:2800028-2800060	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_10447	ELLAQGLVPQR	AGAP004725-PA	-	54	1.29E-05	1	1223.711	0.22	Male reproductive organs	2L:+:2800028-2800060	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_10638	TVAETNNLGPAVAVK	AGAP004725-PA	-	101	6.96E-10	2	1483.815	2.31	Malpighian tubule	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_11012	LGNEMEICR	AGAP004725-PA	M5(Oxidation), C8(Carbamidomethyl)	65	2.75E-06	1	1137.503	-0.14	Salivary gland	2L:+:2799608-2799634	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_11044	ELLAQGLVPQR	AGAP004725-PA	-	35	0.001038393	2	1223.712	0.82	Ovary	2L:+:2800028-2800060	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_11139	DLVLMSHLQETIHHSDPATQILYNR	AGAP004725-PA	M5(Oxidation)	52	6.92E-05	1	2947.481	2.77	Head	2L:+:2799857-2799931	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_11250	TVAETNNLGPAVAVK	AGAP004725-PA	-	89	9.86E-09	2	1483.811	-0.08	Midgut	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_11352	ALAELEDFVNESWDDKESR	AGAP004725-PA	-	83	7.18E-08	1	2253.042	5.05	Salivary gland	2L:+:2798459-2798515	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_11490	GTEEIASAPSGVSGDDAFKK	AGAP004725-PA	-	62	1.08E-05	1	1965.939	-0.68	Male reproductive organs	2L:+:2798885-2798944	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_12058	QDEMFDENEEEEEGWK	AGAP004725-PA	M4(Oxidation)	60	9.23E-07	2	2059.769	-1.19	Ovary	2L:+:2798996-2799043	exon=> In CDS Exon 2 of transcript AGAP004725-PA

JHU_Ag_12691	IKDMSSVLTSFEEFMR	AGAP004725-PA	-	68	2.85E-06	1	1919.923	-0.52	Salivary gland	2L:+:2798342-2798389	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_13247	ALAELEDFVNESWDDK	AGAP004725-PA	-	52	8.85E-05	2	1880.860	2.5	Malpighian tubule	2L:+:2798459-2798506	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_13278	DMSSVLTSFEEFMR	AGAP004725-PA	M13(Oxidation)	60	8.82E-06	2	1694.747	3.98	Ovary	2L:+:2798348-2798389	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_13899	VTNLVDANER	AGAP004725-PA	-	47	0.000309865	1	1130.581	1.23	Ovary	2L:+:2800685-2800714	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_14193	SKVHSLISK	AGAP004725-PA	-	55	2.00E-05	1	998.602	2.76	Malpighian tubule	2L:+:2800544-2800570	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_17060	ALAELEDFVNESWDDK	AGAP004725-PA	-	37	0.002772067	2	1880.856	0.68	Head	2L:+:2798459-2798506	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_18136	ECDPHSNEYVDR	AGAP004725-PA	C2(Carbamidomethyl)	45	8.26E-05	1	1520.609	1.21	Head	2L:+:2799512-2799547	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_19388	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	109	5.81E-11	1	2344.288	5.19	Malpighian tubule	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_19686	MMANLGLCAFR	AGAP004725-PA	M1(Oxidation), M2(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	91	9.03E-09	1	1283.607	0.72	Ovary	2L:+:2799932-2799964	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_20104	MIINEELMASLDDPTETIVMHR	AGAP004725-PA	M1(Oxidation), M8(Oxidation), M20(Oxidation),"M1(Oxidation), M20(Oxidation)"	99	1.67E-09	1	2606.226	4.36	Ovary	2L:+:2800571-2800636	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_20144	MISKTFYQQLR	AGAP004725-PA	M1(Oxidation)	50	0.000112544	1	1414.755	2.56	Malpighian tubule	2L:+:2800223-2800255	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_20531	GTEEIASAPSGVSGDDAFK	AGAP004725-PA	-	38	0.001962954	1	1837.855	5.45	Malpighian tubule	2L:+:2798885-2798941	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_22470	HGDWNACANFIVNK	AGAP004725-PA	C7(Carbamidomethyl)	93	5.25E-09	1	1645.756	1.35	Ovary	2L:+:2800334-2800375	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_31900	MMANLGLCAFR	AGAP004725-PA	M1(Oxidation), M2(Oxidation), C8(Carbamidomethyl)	55	2.56E-05	2	1315.600	3.61	Malpighian tubule	2L:+:2799932-2799964	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_32321	DMSSVLTSFEEFMR	AGAP004725-PA	M2(Oxidation), M13(Oxidation)	110	7.42E-11	2	1710.741	3.28	Head	2L:+:2798348-2798389	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_32527	VWDLFYEANR	AGAP004725-PA	-	59	1.46E-05	2	1312.632	0.29	Male reproductive organs	2L:+:2800391-2800420	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_32612	TVAETNNLGPAVAVK	AGAP004725-PA	-	59	9.12E-06	2	1483.810	-0.73	Pupa	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_33002	LLEEIQELLK	AGAP004725-PA	-	69	4.95E-07	2	1227.726	5.26	Malpighian tubule	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_33959	NQNQNQNWNNNR	AGAP004725-PA	Q2(Deamidated), N3(Deamidated), Q4(Deamidated), N5(Deamidated), Q6(Deamidated), N7(Deamidated), N9(Deamidated), N10(Deamidated)	17	0.003289207	1	1551.545	-1.25	Midgut	2L:+:2800793-2800828	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_34646	VTNLVDANER	AGAP004725-PA	-	56	3.87E-05	2	1130.580	-0.39	Salivary gland	2L:+:2800685-2800714	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_34714	SLEQEKIEK	AGAP004725-PA	-	65	3.87E-06	1	1103.594	-0.26	Ovary	2L:+:2800073-2800099	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_35120	TVAETNNLGPAVAVK	AGAP004725-PA	-	44	0.000313235	2	1483.811	-0.08	Male reproductive organs	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA

JHU_Ag_35419	ELLAQGLVPQRQHER	AGAP004725-PA	-	43	0.000410974	3	1773.974	1.33	Malpighian tubule	2L:+:2800028-2800072	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_35617	RYEDLSNIIK	AGAP004725-PA	-	68	2.06E-06	1	1250.674	-0.27	Pupa	2L:+:2798291-2798320	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_36790	LLEEIQELLK	AGAP004725-PA	-	80	5.75E-08	1	1227.722	1.88	Salivary gland	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_37935	LLEEIQELLK	AGAP004725-PA	-	59	7.03E-06	2	1227.724	3.57	Pupa	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_38679	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	95	1.36E-09	1	2344.287	4.64	Larva	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_43243	YEDLSNIIK	AGAP004725-PA	-	40	0.001674854	2	1094.573	0.51	Pupa	2L:+:2798294-2798320	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_43291	KIDHLYYK	AGAP004725-PA	-	41	0.000549636	1	1079.591	2.73	Larva	2L:+:2799647-2799670	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_43510	QSLVGPPESMR	AGAP004725-PA	M10(Oxidation)	52	7.20E-05	1	1216.598	-0.86	Salivary gland	2L:+:2800268-2800300	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_44195	ALAELEDFVNESWDDK	AGAP004725-PA	-	89	1.71E-08	1	1880.859	2.24	Pupa	2L:+:2798459-2798506	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_44717	VWDLFYEANR	AGAP004725-PA	-	63	6.75E-06	1	1312.631	-0.64	Midgut	2L:+:2800391-2800420	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_46950	EHVVAAAK	AGAP004725-PA	-	39	0.001093628	2	824.462	-0.31	Malpighian tubule	2L:+:2800301-2800324	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_46981	FNIVSAIFDYNPK	AGAP004725-PA	-	100	1.34E-09	1	1527.791	4.53	Ovary	2L:+:2799263-2799301	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_48207	GTEEIASAPSGVSGDDAFKK	AGAP004725-PA	-	58	2.35E-05	1	1965.938	-0.99	Visceras	2L:+:2798885-2798944	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_48377	VHSLISK	AGAP004725-PA	-	37	0.000681999	1	783.476	4.05	Ovary	2L:+:2800550-2800570	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_48622	MQIEFLR	AGAP004725-PA	M1(Oxidation)	45	0.000333452	2	952.493	0.45	Salivary gland	2L:+:2799182-2799202	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_49834	VWDLFYEANR	AGAP004725-PA	-	59	1.87E-05	1	1312.634	1.78	Pupa	2L:+:2800391-2800420	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_49978	KMQIEFLR	AGAP004725-PA	-	48	9.14E-05	2	1064.593	0.61	Ovary	2L:+:2799179-2799202	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_50540	LQALSMQLADKVTNLVDANER	AGAP004725-PA	M6(Oxidation)	46	0.000268751	1	2345.228	6.22	Malpighian tubule	2L:+:2800652-2800714	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_51569	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	95	1.23E-09	1	2344.288	5.19	Salivary gland	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_52638	LLLAHEDVHLSESILDEYEEYDTAPFK	AGAP004725-PA	-	64	6.27E-06	1	3176.555	7.54	Ovary	2L:+:2799368-2799448	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_53394	SLEQEKIEK	AGAP004725-PA	-	65	4.35E-06	1	1103.598	2.95	Malpighian tubule	2L:+:2800073-2800099	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_53946	GTEEIASAPSGVSGDDAFKK	AGAP004725-PA	-	120	1.74E-11	1	1965.940	-0.18	Ovary	2L:+:2798885-2798944	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_54447	FNIVSAIFDYNPK	AGAP004725-PA	-	107	2.54E-10	1	1527.789	3.17	Salivary gland	2L:+:2799263-2799301	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_55868	GCMLTAVERLDDEFTK	AGAP004725-PA	C2(Carbamidomethyl)	38	0.002450853	1	1884.896	7.08	Malpighian tubule	2L:+:2799455-2799502	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_59878	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	72	3.33E-07	1	2344.279	1.44	Head	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_63365	MIINEELMASLDDPTETIVMHR	AGAP004725-PA	M20(Oxidation),"M1(Oxidation), M8(Oxidation), M20(Oxidation)",M8(Oxidation),"M8(Oxidation), M20(Oxidation)"	86	3.23E-08	1	2606.229	5.28	Malpighian tubule	2L:+:2800571-2800636	exon=> In CDS Exon 2 of transcript AGAP004725-PA

JHU_Ag_65906	DLVLMSHLQETIHHSDPATQILYNR	AGAP004725-PA	-	44	0.000394834	1	2931.480	0.64	Ovary	2L:+:2799857-2799931	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_66107	LNEVMAAR	AGAP004725-PA	M5(Oxidation)	51	0.000136404	2	919.470	3.15	Malpighian tubule	2L:+:2799134-2799157	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_66711	LLEEIQELLK	AGAP004725-PA	-	60	5.41E-06	2	1227.721	1.58	Visceras	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_66853	NVEYQNKAE	AGAP004725-PA	-	56	3.32E-05	1	1094.514	2.53	Malpighian tubule	2L:+:2800982-2801008	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_67832	FNIVSAIFDYNPK	AGAP004725-PA	-	71	1.21E-06	2	1527.785	0.46	Male reproductive organs	2L:+:2799263-2799301	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_68226	GTEEIASAPSGVSGDDAFKK	AGAP004725-PA	-	49	0.000219 54	1	1965.947	3.32	Midgut	2L:+:2798885-2798944	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_68232	LLLAHEDVHLSESILDEYEEYDTAPFK	AGAP004725-PA	-	81	1.27E-07	1	3176.543	3.69	Salivary gland	2L:+:2799368-2799448	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_70044	RYEDLSNIIK	AGAP004725-PA	-	58	1.90E-05	1	1250.675	0.51	Ovary	2L:+:2798291-2798320	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_70792	EHVVAAAK	AGAP004725-PA	-	52	5.22E-05	1	824.463	0.89	Ovary	2L:+:2800301-2800324	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_71914	ALAELEDFVNESWDDK	AGAP004725-PA	-	107	2.66E-10	1	1880.868	6.79	Larva	2L:+:2798459-2798506	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_73191	RYEDLSNIIK	AGAP004725-PA	-	38	0.001664917	1	1250.677	2.75	Salivary gland	2L:+:2798291-2798320	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_74102	ALAELEDFVNESWDDKESR	AGAP004725-PA	-	105	4.12E-10	2	2253.038	3.08	Malpighian tubule	2L:+:2798459-2798515	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_74820	ALAELEDFVNESWDDKESR	AGAP004725-PA	-	68	2.25E-06	1	2253.036	2.12	Pupa	2L:+:2798459-2798515	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_74959	GTEEIASAPSGVSGDDAFKK	AGAP004725-PA	-	85	4.61E-08	1	1965.947	3.54	Head	2L:+:2798885-2798944	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_75302	ALAELEDFVNESWDDKESR	AGAP004725-PA	-	80	1.30E-07	1	2253.036	2.12	Visceras	2L:+:2798459-2798515	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_76186	ALAELEDFVNESWDDKESR	AGAP004725-PA	-	67	2.60E-06	1	2253.033	1.15	Male reproductive organs	2L:+:2798459-2798515	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_76624	GTEEIASAPSGVSGDDAFK	AGAP004725-PA	-	41	0.000940429	1	1837.844	-0.39	Ovary	2L:+:2798885-2798941	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_78905	FNIVSAIFDYNPK	AGAP004725-PA	-	55	4.07E-05	2	1527.793	5.89	Larva	2L:+:2799263-2799301	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_78987	LLEEIQELLK	AGAP004725-PA	-	42	0.000344582	2	1227.723	2.97	Head	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_79379	TFYQQLR	AGAP004725-PA	-	42	0.000547036	1	955.500	0.84	Malpighian tubule	2L:+:2800235-2800255	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_79888	SKVHSLISK	AGAP004725-PA	-	36	0.001637404	1	998.600	0.38	Ovary	2L:+:2800544-2800570	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_80615	TFYQQLR	AGAP004725-PA	-	42	0.000564958	1	955.501	1.29	Salivary gland	2L:+:2800235-2800255	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_80665	TVAETNNLGPAVAVK	AGAP004725-PA	-	76	2.17E-07	2	1483.811	-0.16	Salivary gland	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_82328	LQALSMQLADK	AGAP004725-PA	-	45	0.000431163	2	1217.656	0.23	Salivary gland	2L:+:2800652-2800684	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_83558	VWDLFYEANR	AGAP004725-PA	-	58	1.96E-05	1	1312.633	0.66	Ovary	2L:+:2800391-2800420	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_89443	TVAETNNLGPAVAVK	AGAP004725-PA	-	90	7.78E-09	2	1483.813	0.83	Ovary	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_90070	RYEDLSNIIK	AGAP004725-PA	-	48	0.000191241	1	1250.676	1.97	Malpighian tubule	2L:+:2798291-2798320	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_90179	DAEIDTKLVVNK	AGAP004725-PA	-	50	8.70E-05	1	1344.742	4.08	Malpighian tubule	2L:+:2799098-2799133	exon=> In CDS Exon 2 of transcript AGAP004725-PA

JHU_Ag_90224	LLEEIQELLK	AGAP004725-PA	-	49	6.69E-05	2	1227.720	-0.01	Male reproductive organs	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_90624	VWDLFYEANR	AGAP004725-PA	-	43	0.000747688	2	1312.635	1.97	Head	2L:+:2800391-2800420	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_91434	ALPVVMKEENGVTPR	AGAP004725-PA	M6(Oxidation)	111	5.39E-11	1	1639.886	1.12	Ovary	2L:+:2798402-2798446	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_91972	MQIEFLR	AGAP004725-PA	M1(Oxidation)	39	0.001621077	2	952.496	4.23	Malpighian tubule	2L:+:2799182-2799202	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_92015	GCMLTAVER	AGAP004725-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M3(Oxidation)"	55	4.23E-05	2	1052.490	3.23	Malpighian tubule	2L:+:2799455-2799481	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_93020	QSLVGPPESMREHVVAAAK	AGAP004725-PA	M10(Oxidation)	46	0.000281563	1	2022.051	3.32	Malpighian tubule	2L:+:2800268-2800324	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_94234	MQIEFLR	AGAP004725-PA	M1(Oxidation)	46	0.000248556	2	952.492	-0.07	Ovary	2L:+:2799182-2799202	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_94356	IKDMSSVLTSFEEFMR	AGAP004725-PA	M4(Oxidation),"M4(Oxidation), M15(Oxidation)"	61	1.24E-05	2	1951.915	0.64	Malpighian tubule	2L:+:2798342-2798389	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_97826	LQALSMQLADKVTNLVDANER	AGAP004725-PA	M6(Oxidation)	120	8.80E-12	1	2329.222	1.74	Ovary	2L:+:2800652-2800714	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_98306	RYEDLSNIIK	AGAP004725-PA	-	58	2.01E-05	1	1250.674	0.02	Head	2L:+:2798291-2798320	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_98608	SGASEQPKMFAK	AGAP004725-PA	M9(Oxidation)	44	0.000616423	1	1296.629	3.07	Malpighian tubule	2L:+:2799062-2799097	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_101606	LDDEFTK	AGAP004725-PA	-	41	0.000838358	2	867.412	2.45	Malpighian tubule	2L:+:2799482-2799502	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_102583	GQLPANTITSVEEMDK	AGAP004725-PA	M14(Oxidation)	87	3.31E-08	1	1732.841	-0.6	Salivary gland	2L:+:2799701-2799748	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_103385	NQNQNQNWNNNR	AGAP004725-PA	-	53	4.31E-05	2	1543.680	3.53	Malpighian tubule	2L:+:2800793-2800828	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_103865	LLEEIQELLK	AGAP004725-PA	-	74	2.07E-07	2	1227.721	0.99	Midgut	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_104480	GQLPANTITSVEEMDK	AGAP004725-PA	-	61	1.28E-05	2	1732.846	2.35	Ovary	2L:+:2799701-2799748	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_105166	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	101	4.57E-10	2	2344.283	3.11	Ovary	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_106228	ALAELEDFVNESWDDK	AGAP004725-PA	-	112	8.65E-11	1	1880.859	2.37	Ovary	2L:+:2798459-2798506	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_106249	GTEEIASAPSGVSGDDAFKK	AGAP004725-PA	-	63	7.12E-06	2	1965.945	2.43	Salivary gland	2L:+:2798885-2798944	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_108218	IRFNIVSAIFDYNPK	AGAP004725-PA	-	65	2.24E-06	1	1796.975	3.13	Malpighian tubule	2L:+:2799257-2799301	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_108610	LVVNKLNEVMAAR	AGAP004725-PA	M10(Oxidation)	70	7.02E-07	1	1472.830	3.18	Malpighian tubule	2L:+:2799119-2799157	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_110167	ALAELEDFVNESWDDKESR	AGAP004725-PA	-	143	6.24E-14	1	2253.033	1.02	Ovary	2L:+:2798459-2798515	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_110562	GTEEIASAPSGVSGDDAFKK	AGAP004725-PA	-	112	1.13E-10	1	1965.948	3.98	Malpighian tubule	2L:+:2798885-2798944	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_111711	LLEEIQELLK	AGAP004725-PA	-	42	0.000327562	2	1227.723	2.77	Larva	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_111716	VHSLISK	AGAP004725-PA	-	36	0.000864537	2	783.475	3.19	Malpighian tubule	2L:+:2800550-2800570	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_113338	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	58	6.14E-06	1	2344.290	6.13	Visceras	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_113888	LLEEIQELLK	AGAP004725-PA	-	77	1.13E-07	1	1227.720	0.39	Ovary	2L:+:2799338-2799367	exon=> In CDS Exon 2 of transcript AGAP004725-PA

JHU_Ag_115050	LKDEVPVTNIIEQVVTYVER	AGAP004725-PA	-	53	2.73E-05	3	2344.283	2.93	Pupa	2L:+:2799548-2799607	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_115737	MMANLGLCAFR	AGAP004725-PA	M1(Oxidation), M2(Oxidation), C8(Carbamidomethyl)	54	3.20E-05	2	1315.598	1.56	Salivary gland	2L:+:2799932-2799964	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_117038	TVAETNNLGPAVAVK	AGAP004725-PA	-	78	1.34E-07	1	1483.817	3.96	Larva	2L:+:2799212-2799256	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_117147	YEDLSNIIK	AGAP004725-PA	-	40	0.001218819	1	1094.578	4.53	Larva	2L:+:2798294-2798320	exon=> In CDS Exon 2 of transcript AGAP004725-PA
JHU_Ag_19353	QLGPGGPNQAESVGIQR	AGAP004726-PA	-	89	1.81E-08	2	1707.880	1.72	Head	2L:-:2807432-2807382	exon=> In CDS Exon 1 of transcript AGAP004726-PA
JHU_Ag_33138	GLASLQGPQGSFGSLR	AGAP004726-PA	-	73	7.43E-07	1	1574.835	4.14	Head	2L:-:2806731-2806684	exon=> In CDS Exon 2 of transcript AGAP004726-PA
JHU_Ag_63823	LAAPVGLGISPVEELEPR	AGAP004726-PA	-	87	9.58E-09	1	1847.032	2.44	Head	2L:-:2806168-2806115	exon=> In CDS Exon 3 of transcript AGAP004726-PA
JHU_Ag_57494	IQIEQMDGWPDK	AGAP004729-PA	Q2(Deamidated)	33	0.005917047	1	1460.680	4.74	Pupa	2L:-:2847152-2847278,2846477-2847042	exon=> In CDS Exon 2 and 1 of transcript AGAP004729-PA
JHU_Ag_8970	QPQPQPK	AGAP004734-PA	-	37	0.002972574	2	822.436	-12.81	Ovary	2L:-:2930229-2930209	exon=> In CDS Exon 1 of transcript AGAP004734-PA
JHU_Ag_70049	QPQPQPK	AGAP004734-PA	-	35	0.004131737	2	822.436	-13.77	Midgut	2L:-:2930229-2930209	exon=> In CDS Exon 1 of transcript AGAP004734-PA
JHU_Ag_46733	DLALHLLK	AGAP004737-PA	-	60	9.06E-07	1	922.575	3.7	Midgut	2L:+:2971077-2971100	exon=> In CDS Exon 2 of transcript AGAP004737-PA
JHU_Ag_50645	LSLEHPYFLCEMYIK	AGAP004737-PA	C10(Carbamidomethyl), M12(Oxidation)	69	1.90E-06	1	1958.936	-1.47	Midgut	2L:+:2971152-2971196	exon=> In CDS Exon 2 of transcript AGAP004737-PA
JHU_Ag_66536	LSDTNNDGRLDFEEFYK	AGAP004737-PA	-	80	1.25E-07	1	2062.932	-1.52	Midgut	2L:+:2971101-2971151	exon=> In CDS Exon 2 of transcript AGAP004737-PA
JHU_Ag_83143	LDFEEFYK	AGAP004737-PA	-	51	9.88E-05	2	1090.508	-1	Midgut	2L:+:2971128-2971151	exon=> In CDS Exon 2 of transcript AGAP004737-PA
JHU_Ag_93941	DLALHLLK	AGAP004737-PA	-	26	0.002616517	2	922.573	1.32	Malpighian tubule	2L:+:2971077-2971100	exon=> In CDS Exon 2 of transcript AGAP004737-PA
JHU_Ag_1197	IKQEPDTEIENLGEIQK	AGAP004739-PA	-	81	1.18E-07	1	1984.023	-0.22	Salivary gland	2L:+:2976364-2976414	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_1430	DWLNSYSDFNR	AGAP004739-PA	-	47	0.000127005	2	1416.626	5.47	Head	2L:+:2977549-2977581	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_1634	ILLPGVLR	AGAP004739-PA	-	25	0.000982022	2	880.599	1.51	Head	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_4193	LHSAVEK	AGAP004739-PA	-	41	0.000344709	1	783.438	2.9	Ovary	2L:+:2976793-2976813	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_5605	ILLPGVLR	AGAP004739-PA	-	28	0.000476564	1	880.598	-0.07	Midgut	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_5621	RVIKPLEGLLVGHK	AGAP004739-PA	-	30	0.000158158	1	1558.982	1.58	Salivary gland	2L:+:2977168-2977209	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_5831	GALFQRPPLISAVK	AGAP004739-PA	-	61	1.96E-06	1	1496.900	3.17	Larva	2L:+:2976850-2976891	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_9110	LLDYNDQR	AGAP004739-PA	-	58	2.64E-05	2	1036.506	0.19	Ovary	2L:+:2976928-2976951	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_10640	VIKPLEGLLVGHKR	AGAP004739-PA	-	72	1.01E-08	1	1558.983	2.44	Malpighian tubule	2L:+:2977171-2977212	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_11026	SGDFQLKPSSAIASLDTSKWPLLLK	AGAP004739-PA	-	99	6.48E-10	1	2702.472	-1.54	Midgut	2L:+:2976415-2976489	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_12733	QANGNGTSADDEFAGGKR	AGAP004739-PA	-	111	8.11E-11	1	1794.802	0.76	Ovary	2L:+:2977591-2977644	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_14297	KLSIGENVESAATIGDGEEK	AGAP004739-PA	-	157	3.02E-15	1	2047.022	1.32	Ovary	2L:+:2977645-2977704	exon=> In CDS Exon 2 of transcript AGAP004739-PA

JHU_Ag_18378	MEVDIPTSPIKK	AGAP004739-PA	N-Term(Acetyl), M1(Oxidation)	44	0.000497075	1	1415.738	-4.97	Midgut	2L:+:2976219-2976228,2976320-2976345	exon=> In CDS Exon 1 and 2 of transcript AGAP004739-PA
JHU_Ag_19574	YGKPNENTPKDWLNSYSDFNR	AGAP004739-PA	-	161	1.17E-15	1	2545.183	3.34	Ovary	2L:+:2977519-2977581	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_21454	MEVDIPTSPIKK	AGAP004739-PA	N-Term(Acetyl), M1(Oxidation)	56	3.69E-05	1	1415.748	2.1	Salivary gland	2L:+:2976219-2976228,2976320-2976345	exon=> In CDS Exon 1 and 2 of transcript AGAP004739-PA
JHU_Ag_22196	GALFQRPPLISAVK	AGAP004739-PA	-	73	1.17E-07	1	1496.894	-0.58	Ovary	2L:+:2976850-2976891	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_22236	TNHYTPLPFGSSPLNR	AGAP004739-PA	-	78	2.18E-07	1	1800.906	1.6	Malpighian tubule	2L:+:2976514-2976561	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_25223	GALFQRPPLISAVK	AGAP004739-PA	-	66	5.52E-07	1	1496.894	-0.65	Midgut	2L:+:2976850-2976891	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_26916	QANGNGTSADDEFAGGKR	AGAP004739-PA	N5(Deamidated),N3(Deamidated)	58	1.38E-05	1	1795.784	-0.16	Malpighian tubule	2L:+:2977591-2977644	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_27621	LDKYGKPNENTPK	AGAP004739-PA	-	65	5.08E-06	1	1503.782	1.35	Ovary	2L:+:2977510-2977548	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_28105	IKQEPDTEIENLGEIQK	AGAP004739-PA	-	134	5.04E-13	1	1984.023	-0.34	Midgut	2L:+:2976364-2976414	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_31843	QANGNGTSADDEFAGGK	AGAP004739-PA	N5(Deamidated),N3(Deamidated)	91	2.87E-09	2	1639.683	0.01	Ovary	2L:+:2977591-2977641	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_32404	SGDFQLKPSSAIASLDTSKWPLLLK	AGAP004739-PA	-	62	3.20E-06	1	2702.471	-2.08	Salivary gland	2L:+:2976415-2976489	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_32749	MEVDIPTSPIKK	AGAP004739-PA	N-Term(Acetyl)	50	8.43E-05	1	1399.747	-2.47	Salivary gland	2L:+:2976219-2976228,2976320-2976345	exon=> In CDS Exon 1 and 2 of transcript AGAP004739-PA
JHU_Ag_37311	TNHYTPLPFGSSPLNRK	AGAP004739-PA	-	85	3.55E-08	1	1929.001	1.61	Midgut	2L:+:2976514-2976564	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_37409	GALFQRPPLISAVKR	AGAP004739-PA	-	73	4.37E-08	1	1652.998	1.05	Malpighian tubule	2L:+:2976850-2976894	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_38158	VIKPLEGLLVGHKR	AGAP004739-PA	-	67	3.72E-08	1	1558.980	0.17	Salivary gland	2L:+:2977171-2977212	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_38994	LLDYNDQR	AGAP004739-PA	-	51	0.000122538	2	1036.505	-0.4	Malpighian tubule	2L:+:2976928-2976951	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_39112	VTGCLIVCINR	AGAP004739-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	78	2.93E-07	1	1304.685	2.37	Ovary	2L:+:2976700-2976732	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_39803	DSSVNAVCYGAK	AGAP004739-PA	C8(Carbamidomethyl)	90	8.37E-09	1	1270.576	1.84	Ovary	2L:+:2977225-2977260	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_40634	TNHYTPLPFGSSPLNR	AGAP004739-PA	-	43	0.000830877	1	1800.907	2.27	Midgut	2L:+:2976514-2976561	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_40862	IIMKDSSVNAVCYGAK	AGAP004739-PA	C12(Carbamidomethyl)	42	0.000807482	2	1755.879	1.39	Malpighian tubule	2L:+:2977213-2977260	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_41131	SQQSAGKEYVAVFK	AGAP004739-PA	-	52	8.74E-05	2	1541.798	1.46	Malpighian tubule	2L:+:2976751-2976792	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_41184	MEVDIPTSPIKK	AGAP004739-PA	N-Term(Acetyl), M1(Oxidation)	59	1.62E-05	1	1415.749	2.79	Malpighian tubule	2L:+:2976219-2976228,2976320-2976345	exon=> In CDS Exon 1 and 2 of transcript AGAP004739-PA
JHU_Ag_41301	SGDFQLKPSSAIASLDTSK	AGAP004739-PA	-	38	0.001703236	1	1952.003	2.76	Salivary gland	2L:+:2976415-2976471	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_44754	VIKPLEGLLVGHK	AGAP004739-PA	-	57	8.98E-07	1	1402.880	1.21	Salivary gland	2L:+:2977171-2977209	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_44932	YGKPNENTPKDWLNSYSDFNR	AGAP004739-PA	-	97	2.43E-09	1	2545.178	1.33	Malpighian tubule	2L:+:2977519-2977581	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_46655	DKNVSVDEVAE	AGAP004739-PA	-	50	0.000130143	1	1204.569	0.11	Malpighian tubule	2L:+:2977840-2977872	exon=> In CDS Exon 2 of transcript AGAP004739-PA

JHU_Ag_47818	IIMKDSSVNAVCYGAK	AGAP004739-PA	M3(Oxidation), C12(Carbamidomethyl)	98	2.53E-09	1	1771.877	2.66	Ovary	2L:+:2977213-2977260	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_48551	TNHYTPLPFGSSPLNR	AGAP004739-PA	-	47	0.000280685	2	1800.911	4.38	Salivary gland	2L:+:2976514-2976561	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_49678	DWLNSYSDFNR	AGAP004739-PA	-	50	6.19E-05	2	1416.622	2.54	Salivary gland	2L:+:2977549-2977581	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_53702	TVYDSKLLDYNDQR	AGAP004739-PA	-	39	0.002007846	1	1729.845	3.36	Malpighian tubule	2L:+:2976910-2976951	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_54157	DGMVTMHDVLDAQYLYENHKDESMLR	AGAP004739-PA	M3(Oxidation), M6(Oxidation), M24(Oxidation)	122	4.35E-12	1	3158.380	-1.98	Ovary	2L:+:2977090-2977167	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_54655	SGDFQLKPSSAIASLDTSK	AGAP004739-PA	-	125	3.84E-12	1	1951.994	-1.42	Ovary	2L:+:2976415-2976471	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_57286	YGKPNENTPK	AGAP004739-PA	-	47	0.000342804	1	1147.577	2.14	Ovary	2L:+:2977519-2977548	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_57455	RVIKPLEGLLVGHK	AGAP004739-PA	-	45	5.32E-06	1	1558.982	1.9	Ovary	2L:+:2977168-2977209	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_59188	ILLPGVLR	AGAP004739-PA	-	25	0.001040211	2	880.596	-2.23	Male reproductive organs	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_60209	NIGVFWVSCEAGSYIR	AGAP004739-PA	C9(Carbamidomethyl)	90	1.90E-08	1	1857.908	6.57	Salivary gland	2L:+:2976952-2976999	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_63405	MEVDIPTSPIKK	AGAP004739-PA	N-Term(Acetyl)	51	8.45E-05	1	1399.751	0.41	Ovary	2L:+:2976219-2976228,2976320-2976345	exon=> In CDS Exon 1 and 2 of transcript AGAP004739-PA
JHU_Ag_63677	GALFQRPPLISAVKR	AGAP004739-PA	-	78	1.01E-08	1	1653.000	2.43	Ovary	2L:+:2976850-2976894	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_64680	DKNVSVDEVAE	AGAP004739-PA	-	61	1.12E-05	2	1204.570	0.82	Ovary	2L:+:2977840-2977872	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_67091	ILLPGVLR	AGAP004739-PA	-	23	0.001675411	2	880.600	2.34	Visceras	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_67374	TNHYTPLPFGSSPLNR	AGAP004739-PA	-	88	2.24E-08	1	1800.906	1.73	Ovary	2L:+:2976514-2976561	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_67580	SQQSAGKEYVAVFK	AGAP004739-PA	-	97	2.35E-09	1	1541.799	1.97	Ovary	2L:+:2976751-2976792	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_70070	DSSVNAVCYGAK	AGAP004739-PA	C8(Carbamidomethyl)	46	0.000228375	2	1270.574	0.88	Head	2L:+:2977225-2977260	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_70288	VIKPLEGLLVGHK	AGAP004739-PA	-	57	8.13E-07	1	1402.875	-2.05	Visceras	2L:+:2977171-2977209	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_71071	QEPDTEIENLGEIQK	AGAP004739-PA	-	96	4.32E-09	1	1742.850	2.96	Ovary	2L:+:2976370-2976414	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_72050	DWLNSYSDFNR	AGAP004739-PA	-	80	6.97E-08	1	1416.623	3.4	Ovary	2L:+:2977549-2977581	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_72214	SGDFQLKPSSAIASLDTSKWPLLLK	AGAP004739-PA	-	138	5.30E-14	1	2702.487	4.06	Malpighian tubule	2L:+:2976415-2976489	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_72331	LRGALFQRPPLISAVK	AGAP004739-PA	-	35	0.000235016	1	1766.085	2.71	Ovary	2L:+:2976844-2976891	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_72357	TNHYTPLPFGSSPLNRK	AGAP004739-PA	-	80	1.25E-07	1	1929.003	2.56	Ovary	2L:+:2976514-2976564	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_72894	IKQEPDTEIENLGEIQK	AGAP004739-PA	-	141	1.07E-13	1	1984.027	1.75	Malpighian tubule	2L:+:2976364-2976414	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_73159	DAEDGDGEAVGAEGQPMDQAEGDEEMKK	AGAP004739-PA	M17(Oxidation), M26(Oxidation),M17(Oxidation),M26(Oxidation)	178	2.21E-18	1	2940.164	0.18	Ovary	2L:+:2977732-2977815	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_77943	EYVAVFK	AGAP004739-PA	-	40	0.000614228	1	855.462	1.01	Ovary	2L:+:2976772-2976792	exon=> In CDS Exon 2 of transcript AGAP004739-PA

JHU_Ag_78985	KWGLGPK	AGAP004739-PA	-	41	0.000478797	1	785.468	1.91	Ovary	2L:+:2977453-2977473	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_79287	DSSVNAVCYGAK	AGAP004739-PA	C8(Carbamidomethyl)	63	4.16E-06	2	1270.575	1.36	Salivary gland	2L:+:2977225-2977260	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_80695	IKQEPDTEIENLGEIQK	AGAP004739-PA	-	158	1.88E-15	1	1984.028	2.49	Ovary	2L:+:2976364-2976414	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_82700	EYVAVFK	AGAP004739-PA	-	37	0.001178501	1	855.462	1.01	Midgut	2L:+:2976772-2976792	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_82862	SGDFQLKPSSAIASLDTSKWPLLLK	AGAP004739-PA	-	154	1.85E-15	1	2702.484	2.71	Ovary	2L:+:2976415-2976489	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_82907	ILLPGVLR	AGAP004739-PA	-	30	0.000326679	2	880.599	1.23	Salivary gland	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_84361	VTQGLEK	AGAP004739-PA	-	43	0.00090164	1	774.437	1.23	Ovary	2L:+:2976823-2976843	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_84898	DWLNSYSDFNR	AGAP004739-PA	-	60	5.79E-06	2	1416.617	-0.99	Midgut	2L:+:2977549-2977581	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_86468	GALFQRPPLISAVK	AGAP004739-PA	-	59	2.92E-06	2	1496.898	2.27	Malpighian tubule	2L:+:2976850-2976891	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_89646	ILLPGVLR	AGAP004739-PA	-	25	0.000993393	2	880.598	0.47	Malpighian tubule	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_90851	TNHYTPLPFGSSPLNR	AGAP004739-PA	-	47	0.000296167	1	1800.907	2.34	Visceras	2L:+:2976514-2976561	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_92011	DWLNSYSDFNR	AGAP004739-PA	-	69	7.37E-07	1	1416.621	1.94	Visceras	2L:+:2977549-2977581	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_92694	VIKPLEGLLVGHK	AGAP004739-PA	-	70	4.37E-08	1	1402.882	2.77	Ovary	2L:+:2977171-2977209	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_94789	LSIGENVESAATIGDGEEK	AGAP004739-PA	-	108	2.48E-10	1	1918.926	0.77	Ovary	2L:+:2977648-2977704	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_96950	ILLPGVLR	AGAP004739-PA	-	37	6.62E-05	2	880.600	2.34	Ovary	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_100650	TNHYTPLPFGSSPLNR	AGAP004739-PA	-	43	0.000760785	1	1800.913	5.42	Larva	2L:+:2976514-2976561	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_105082	VIKPLEGLLVGHK	AGAP004739-PA	-	35	0.000151779	1	1402.880	1.54	Midgut	2L:+:2977171-2977209	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_109174	ILLPGVLR	AGAP004739-PA	-	22	0.001718388	2	880.597	-0.92	Pupa	2L:+:2977261-2977284	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_109523	VIKPLEGLLVGHKR	AGAP004739-PA	-	93	7.47E-11	1	1558.983	2.46	Ovary	2L:+:2977171-2977212	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_110099	NIGVFWVSCEAGSYIR	AGAP004739-PA	C9(Carbamidomethyl),"N1 (Deamidated), C9(Carbamidomethyl)"	139	2.27E-13	1	1857.903	4.21	Ovary	2L:+:2976952-2976999	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_114144	MEVDIPTSPIKK	AGAP004739-PA	N-Term(Acetyl), M1(Oxidation)	74	5.06E-07	1	1415.746	0.89	Ovary	2L:+:2976219-2976228,2976320-2976345	exon=> In CDS Exon 1 and 2 of transcript AGAP004739-PA
JHU_Ag_114670	TGHSGTLDPK	AGAP004739-PA	-	43	0.000551546	1	1012.506	0.32	Ovary	2L:+:2976670-2976699	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_115459	DSSVNAVCYGAK	AGAP004739-PA	C8(Carbamidomethyl)	79	1.11E-07	1	1270.574	0.3	Midgut	2L:+:2977225-2977260	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_115680	MEVDIPTSPIKK	AGAP004739-PA	N-Term(Acetyl), M1(Oxidation)	39	0.001595656	2	1415.744	-1	Visceras	2L:+:2976219-2976228,2976320-2976345	exon=> In CDS Exon 1 and 2 of transcript AGAP004739-PA
JHU_Ag_116352	DSSVNAVCYGAK	AGAP004739-PA	C8(Carbamidomethyl)	78	1.65E-07	1	1270.573	0.01	Malpighian tubule	2L:+:2977225-2977260	exon=> In CDS Exon 2 of transcript AGAP004739-PA
JHU_Ag_117714	GALFQRPPLISAVK	AGAP004739-PA	-	62	1.68E-06	1	1496.894	-0.47	Salivary gland	2L:+:2976850-2976891	exon=> In CDS Exon 2 of transcript AGAP004739-PA

JHU_Ag_22889	SNVCNGDLGAGFVVSDR	AGAP004740-PA	C4(Carbamidomethyl), N5(Deamidated),C4(Carbamidomethyl)	131	1.03E-12	1	1766.819	3.64	Larva	2L:-:2983157-2983107	exon=> In CDS Exon 3 of transcript AGAP004740-PA
JHU_Ag_47400	IDTLVGVASLITASCDSTSPTGYTR	AGAP004740-PA	C15(Carbamidomethyl)	91	9.43E-09	2	2585.291	5.76	Larva	2L:-:2983103-2983029	exon=> In CDS Exon 3 of transcript AGAP004740-PA
JHU_Ag_62418	RIDTLVGVASLITASCDSTSPTGYTR	AGAP004740-PA	C16(Carbamidomethyl)	71	1.02E-06	1	2741.394	6.1	Larva	2L:-:2983106-2983029	exon=> In CDS Exon 3 of transcript AGAP004740-PA
JHU_Ag_73931	CVGIYQITLPNHFCAEDSVMR	AGAP004740-PA	C1(Carbamidomethyl), C14(Carbamidomethyl), M20(Oxidation)	63	5.45E-06	1	2526.172	5.77	Larva	2L:-:2983220-2983158	exon=> In CDS Exon 3 of transcript AGAP004740-PA
JHU_Ag_112944	NLPYENEEGMIVGFGFNSVGGQVR	AGAP004740-PA	M10(Oxidation)	74	6.19E-07	2	2629.247	4.6	Larva	2L:-:2983420-2983777,2982984-2983269	exon=> In CDS Exon 3 and 2 of transcript AGAP004740-PA
JHU_Ag_116152	HVLTAAQNIAGFVR	AGAP004740-PA	-	84	2.40E-08	2	1496.843	6.29	Larva	2L:-:2983645-2983604	exon=> In CDS Exon 2 of transcript AGAP004740-PA
JHU_Ag_5280	LKPAEVQPHVPQLPLDLSPEALAEEEEGTR	AGAP004742-PA	Q12(Deamidated),Q7(Deamidated)	123	3.72E-12	1	3292.715	2.62	Head	2L:-:3003067-3004274,3002532-3002536	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PA
JHU_Ag_18665	KVTEPPR	AGAP004742-PA	-	30	0.00527078	1	826.478	0.03	Midgut	2L:-:3002535-3002579,3001248-3001629	exon=> In CDS Exon 4 and 3 of transcript AGAP004742-PA
JHU_Ag_67866	LKPAEVQPHVPQLPLDLSPEALAEEEEGTR	AGAP004742-PA	-	95	2.28E-09	1	3292.720	4.1	Salivary gland	2L:-:3003067-3004274,3002532-3002536	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PA
JHU_Ag_71304	LKPAEVQPHVPQLPLDLSPEALAEEEEGTRK	AGAP004742-PA	-	72	2.90E-07	1	3420.809	2.26	Head	2L:-:3003067-3004274,3002532-3002533	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PA
JHU_Ag_77564	LKPAEVQPHVPQLPLDLSPEALAEEEEGTR	AGAP004742-PA	-	34	0.00304552	1	3292.695	-3.33	Ovary	2L:-:3003067-3004274,3002532-3002536	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PA
JHU_Ag_105046	LKPAEVQPHVPQLPLDLSPEALAEEEEGTRK	AGAP004742-PA	-	59	4.99E-06	1	3420.813	3.51	Malpighian tubule	2L:-:3003067-3004274,3002532-3002533	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PA
JHU_Ag_110512	LKPAEVQPHVPQLPLDLSPEALAEEEEGTR	AGAP004742-PA	-	130	7.43E-13	1	3292.719	4.02	Malpighian tubule	2L:-:3003067-3004274,3002532-3002536	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PA
JHU_Ag_116920	LKPAEVQPHVPQLPLDLSPEALAEEEEGTR	AGAP004742-PA	-	118	1.06E-11	1	3292.714	2.24	Visceras	2L:-:3003067-3004274,3002532-3002536	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PA
JHU_Ag_30106	LKPAEVQPHVPQLPLVTEPPR	AGAP004742-PB	-	66	2.32E-07	1	2345.341	3.01	Malpighian tubule	2L:-:3003067-3004274,3001248-3001629	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PB
JHU_Ag_33874	LKPAEVQPHVPQLPLVTEPPR	AGAP004742-PB	-	86	2.89E-09	1	2345.338	1.53	Visceras	2L:-:3003067-3004274,3001248-3001629	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PB
JHU_Ag_53999	LKPAEVQPHVPQLPLVTEPPR	AGAP004742-PB	-	45	3.96E-05	1	2345.335	0.28	Ovary	2L:-:3003067-3004274,3001248-3001629	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PB
JHU_Ag_70175	LKPAEVQPHVPQLPLVTEPPR	AGAP004742-PB	-	118	1.75E-12	1	2345.341	2.78	Head	2L:-:3003067-3004274,3001248-3001629	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PB
JHU_Ag_109711	LKPAEVQPHVPQLPLVTEPPRGFK	AGAP004742-PB	-	67	1.98E-07	1	2677.532	4.74	Malpighian tubule	2L:-:3003067-3004274,3001248-3001620	exon=> In CDS Exon 3 and 2 of transcript AGAP004742-PB

JHU_Ag_787	VTTEDPANDFQPNTGRLEVFR	AGAP004742-PB,AGAP004742-PA	-	95	5.39E-09	1	2406.176	3.15	Head	2L:-:3003493-3003431;2L:-:3003493-3003431	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_1157	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	37	0.000311519	2	799.540	-0.63	Pupa	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_1578	VAEGMTLPELGYTQENIKPQGYAIQCR	AGAP004742-PB,AGAP004742-PA	M5(Oxidation), C26(Carbamidomethyl),C26(Carbamidomethyl)	73	7.11E-07	1	3082.507	2.99	Ovary	2L:-:3003574-3003494;2L:-:3003574-3003494	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_1721	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	56	2.43E-06	2	799.542	2.5	Salivary gland	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_1763	GNKNEVGAPMPGSVIEIK	AGAP004742-PB,AGAP004742-PA	M10(Oxidation)	42	0.000838343	1	1855.965	3.62	Head	2L:-:2999768-3000828,2999465-2999630;2L:-:2999768-3000828,2999465-2999630	exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004742-PA
JHU_Ag_2962	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	79	2.06E-07	2	1251.611	0.49	Visceras	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_2964	AGNVVHLYER	AGAP004742-PB,AGAP004742-PA	-	53	5.17E-05	1	1157.608	1.96	Malpighian tubule	2L:-:3003865-3003836;2L:-:3003865-3003836	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_3017	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	104	1.79E-10	1	2039.131	0.98	Malpighian tubule	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_3674	LLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	-	65	7.70E-07	2	2113.192	0.84	Ovary	2L:-:3003127-3003068;2L:-:3003127-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_3862	TLAMAEDLTANGER	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	63	7.27E-06	2	1491.712	0.98	Visceras	2L:-:2999906-2999865;2L:-:2999906-2999865	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_4475	AQKLLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	-	71	8.53E-08	1	2440.394	5.12	Malpighian tubule	2L:-:3003136-3003068;2L:-:3003136-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_4527	GNKNEVGAPMPGSVIEIK	AGAP004742-PB,AGAP004742-PA	M10(Oxidation)	66	3.23E-06	2	1855.965	3.79	Malpighian tubule	2L:-:2999768-3000828,2999465-2999630;2L:-:2999768-3000828,2999465-2999630	exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004742-PA

JHU_Ag_4539	NEVGAPMPGSVIEIK	AGAP004742-PB,AGAP004742-PA	M7(Oxidation)	70	1.23E-06	2	1556.802	1.9	Head	2L:-:2999759-3000828,2999465-2999630;2L:-:2999759-3000828,2999465-2999630	exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004742-PA
JHU_Ag_4791	AAFGNGAMFIEK	AGAP004742-PB,AGAP004742-PA	-	40	0.001204767	2	1255.621	5.26	Midgut	2L:-:3003949-3003914;2L:-:3003949-3003914	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_5035	ENDVDAVHPGYGFLSER	AGAP004742-PB,AGAP004742-PA	-	95	4.45E-09	1	1904.882	2.48	Salivary gland	2L:-:3004379-3004703,3003022-3004253;2L:-:3004379-3004703,3003022-3004253	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA
JHU_Ag_5105	TLYAPFECTTTMK	AGAP004742-PB,AGAP004742-PA	C8(Carbamidomethyl), M12(Oxidation)	42	0.000758958	2	1578.715	-1.91	Midgut	2L:-:3000560-3000522;2L:-:3000560-3000522	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_5741	YYTNLADELVK	AGAP004742-PB,AGAP004742-PA	-	77	2.51E-07	2	1328.672	-0.75	Ovary	2L:-:3000997-3000965;2L:-:3000997-3000965	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_5930	AAFGNGAMFIEK	AGAP004742-PB,AGAP004742-PA	N5(Deamidated), M8(Oxidation)	39	0.00105556	1	1272.593	-0.13	Male reproductive organs	2L:-:3003949-3003914;2L:-:3003949-3003914	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_6304	AEELSFPK	AGAP004742-PB,AGAP004742-PA	-	45	0.000444496	1	920.472	-0.95	Midgut	2L:-:3000284-3000261;2L:-:3000284-3000261	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_6924	FCELSVQCGMDIFR	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), M10(Oxidation)	86	1.74E-08	2	1777.772	0.46	Ovary	2L:-:3001262-3001645,3000903-3001136;2L:-:3001262-3001645,3000903-3001136	exon=> In CDS Exon 4 and 3 of transcript AGAP004742-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PA
JHU_Ag_7477	SDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	120	1.60E-11	2	1362.704	1.66	Visceras	2L:-:3004252-3004214;2L:-:3004252-3004214	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_8301	AAIEAGVPIVPGTDGPVTTK	AGAP004742-PB,AGAP004742-PA	-	44	0.000244294	1	1893.034	0.78	Visceras	2L:-:3004153-3004094;2L:-:3004153-3004094	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_8366	DTFGPVDKLNTR	AGAP004742-PB,AGAP004742-PA	-	52	9.87E-05	1	1362.705	2.47	Salivary gland	2L:-:3000017-2999982;2L:-:3000017-2999982	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_8763	QILQEEGPEGFAK	AGAP004742-PB,AGAP004742-PA	-	67	3.14E-06	1	1445.729	0.97	Visceras	2L:-:3001619-3001581;2L:-:3001619-3001581	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA

JHU_Ag_9530	VFLTGPK	AGAP004742-PB,AGAP004742-PA	-	32	0.003587627	1	761.456	0.04	Head	2L:-:2999981-2999961;2L:-:2999981-2999961	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_9909	AAFGNGAMFIEK	AGAP004742-PB,AGAP004742-PA	M8(Oxidation)	92	7.17E-09	2	1271.609	0.26	Ovary	2L:-:3003949-3003914;2L:-:3003949-3003914	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_9988	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	90	1.66E-08	1	1844.882	0.33	Pupa	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_10044	YYTNLADELVK	AGAP004742-PB,AGAP004742-PA	-	69	1.78E-06	2	1328.681	5.77	Salivary gland	2L:-:3000997-3000965;2L:-:3000997-3000965	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_10046	EANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	56	1.39E-05	2	1198.706	1.46	Pupa	2L:-:3000401-3000369;2L:-:3000401-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_10477	AAIEAGVPIVPGTDGPVTTK	AGAP004742-PB,AGAP004742-PA	-	46	0.000184495	1	1893.032	-0.58	Midgut	2L:-:3004153-3004094;2L:-:3004153-3004094	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_10766	SLQESHPDVQDR	AGAP004742-PB,AGAP004742-PA	Q10(Deamidated)	83	7.13E-08	1	1410.664	2.22	Head	2L:-:3000110-3000075;2L:-:3000110-3000075	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_11122	SDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	95	5.25E-09	2	1362.701	0.04	Midgut	2L:-:3004252-3004214;2L:-:3004252-3004214	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_11488	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	66	2.60E-06	2	1761.802	-0.92	Midgut	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_11713	KAAIEAGVPIVPGTDGPVTTK	AGAP004742-PB,AGAP004742-PA	-	40	0.00033257	1	2021.129	0.61	Visceras	2L:-:3004156-3004094;2L:-:3004156-3004094	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_12394	EANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	58	8.72E-06	2	1198.704	0.14	Midgut	2L:-:3000401-3000369;2L:-:3000401-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_12441	AAIEAGVPIVPGTDGPVTTKEEAVEFCR	AGAP004742-PB,AGAP004742-PA	C27(Carbamidomethyl)	74	4.07E-07	1	2913.468	0.67	Visceras	2L:-:3004153-3004070;2L:-:3004153-3004070	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_12458	LLITAIREK	AGAP004742-PB,AGAP004742-PA	-	66	2.57E-07	1	1056.682	3.86	Malpighian tubule	2L:-:3000827-3000801;2L:-:3000827-3000801	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_12505	VAEGMTLPELGYTQENIKPQGYAIQCR	AGAP004742-PB,AGAP004742-PA	M5(Oxidation), C26(Carbamidomethyl),C26(Carbamidomethyl)	116	3.64E-11	1	3082.500	0.85	Visceras	2L:-:3003574-3003494;2L:-:3003574-3003494	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA

JHU_Ag_12930	VCKENDVDAVHPGYGFLSER	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl)	99	2.11E-09	1	2292.077	2.61	Head	2L:-:3004388-3004703,3003022-3004253;2L:-:3004388-3004703,3003022-3004253	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA
JHU_Ag_13204	LDSASAYAGAIISPYYDSLLVK	AGAP004742-PB,AGAP004742-PA	-	55	2.77E-05	1	2317.211	6.56	Head	2L:-:3003406-3003341;2L:-:3003406-3003341	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_13251	HGLPVIFK	AGAP004742-PB,AGAP004742-PA	-	38	0.000398259	1	910.552	1.62	Salivary gland	2L:-:3004066-3004043;2L:-:3004066-3004043	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_13536	VISHASDLQSSAAK	AGAP004742-PB,AGAP004742-PA	-	63	6.04E-06	2	1413.734	0.63	Ovary	2L:-:3003340-3003299;2L:-:3003340-3003299	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_13916	QILQEEGPEGFAK	AGAP004742-PB,AGAP004742-PA	-	42	0.0010984	2	1445.727	-0.38	Male reproductive organs	2L:-:3001619-3001581;2L:-:3001619-3001581	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_13983	YYTNLADELVK	AGAP004742-PB,AGAP004742-PA	-	88	1.97E-08	2	1328.675	1.08	Visceras	2L:-:3000997-3000965;2L:-:3000997-3000965	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_14626	ENDVDAVHPGYGFLSERSDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	56	3.31E-05	1	3248.574	4.08	Malpighian tubule	2L:-:3004379-3004703,3003022-3004214;2L:-:3004379-3004703,3003022-3004214	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA
JHU_Ag_15381	LPIEVR	AGAP004742-PB,AGAP004742-PA	-	39	0.000245897	2	726.451	-0.22	Visceras	2L:-:3003778-3003761;2L:-:3003778-3003761	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_15895	TLAMAEDLTANGEREVFFELNGQLR	AGAP004742-PB,AGAP004742-PA	M4(Oxidation), N11(Deamidated),M4(Oxidation)	143	6.44E-14	1	2840.409	7.25	Malpighian tubule	2L:-:2999906-2999832;2L:-:2999906-2999832	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_16118	QILQEEGPEGFAK	AGAP004742-PB,AGAP004742-PA	-	75	4.67E-07	1	1445.730	1.98	Head	2L:-:3001619-3001581;2L:-:3001619-3001581	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_16903	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	39	0.00010405	2	799.541	0.97	Male reproductive organs	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_17216	DMAGLLKPQAAR	AGAP004742-PB,AGAP004742-PA	M2(Oxidation)	70	1.25E-06	1	1270.694	-0.14	Salivary gland	2L:-:3000937-3001162,2999723-3000828;2L:-:3000937-3001162,2999723-3000828	exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PA

JHU_Ag_19664	LDSASAYAGAIISPYYDSLLVK	AGAP004742-PB,AGAP004742-PA	-	78	1.98E-07	1	2317.198	0.55	Ovary	2L:-:3003406-3003341;2L:-:3003406-3003341	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_20192	VISHASDLQSSAAK	AGAP004742-PB,AGAP004742-PA	-	89	1.52E-08	1	1413.735	0.97	Visceras	2L:-:3003340-3003299;2L:-:3003340-3003299	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_20358	LLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	-	81	1.80E-08	1	2113.194	1.64	Salivary gland	2L:-:3003127-3003068;2L:-:3003127-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_20374	VAEGMTLPELGYTQENIKPQGYAIQCR	AGAP004742-PB,AGAP004742-PA	M5(Oxidation), C26(Carbamidomethyl)	97	2.92E-09	1	3082.509	3.82	Salivary gland	2L:-:3003574-3003494;2L:-:3003574-3003494	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_20482	AEELSFPK	AGAP004742-PB,AGAP004742-PA	-	48	0.000245396	2	920.472	-0.62	Visceras	2L:-:3000284-3000261;2L:-:3000284-3000261	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_20801	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	69	5.77E-07	1	2039.131	1.17	Visceras	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_20970	FCELSVQCGMDIFR	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), M10(Oxidation)	64	2.49E-06	2	1777.763	-4.14	Midgut	2L:-:3001262-3001645,3000903-3001136;2L:-:3001262-3001645,3000903-3001136	exon=> In CDS Exon 4 and 3 of transcript AGAP004742-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PA
JHU_Ag_21439	GFKQILQEEGPEGFAK	AGAP004742-PB,AGAP004742-PA	-	83	6.87E-08	1	1777.919	4.13	Malpighian tubule	2L:-:3001628-3001581;2L:-:3001628-3001581	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_21587	DKMTEYAVR	AGAP004742-PB,AGAP004742-PA	M3(Oxidation)	65	3.40E-06	1	1128.538	2.5	Malpighian tubule	2L:-:3003760-3003734;2L:-:3003760-3003734	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_21610	AGNVVHLYER	AGAP004742-PB,AGAP004742-PA	-	46	0.000306582	2	1157.605	-1.24	Visceras	2L:-:3003865-3003836;2L:-:3003865-3003836	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_21932	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	86	3.92E-08	2	1251.610	-0.38	Ovary	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_21984	SVVEFLQGAIGTPHGGFPEPLR	AGAP004742-PB,AGAP004742-PA	-	128	1.53E-12	1	2308.212	1.31	Ovary	2L:-:3000260-3000195;2L:-:3000260-3000195	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_22222	LQVEHTVTEEITGIDLVQSQIR	AGAP004742-PB,AGAP004742-PA	-	86	1.44E-08	1	2508.334	1.23	Ovary	2L:-:3003640-3003575;2L:-:3003640-3003575	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA

JHU_Ag_22355	NEVGAPMPGSVIEIK	AGAP004742-PB,AGAP004742-PA	M7(Oxidation)	82	9.37E-08	1	1556.800	0.88	Malpighian tubule	2L:-:2999759-3000828,2999465-2999630;2L:-:2999759-3000828,2999465-2999630	exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004742-PA
JHU_Ag_22614	VVEIAPAPR	AGAP004742-PB,AGAP004742-PA	-	42	0.000341718	2	951.562	-0.39	Male reproductive organs	2L:-:3003805-3003779;2L:-:3003805-3003779	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_22875	VFLTGPK	AGAP004742-PB,AGAP004742-PA	-	36	0.001182382	1	761.457	1.5	Ovary	2L:-:2999981-2999961;2L:-:2999981-2999961	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_23205	EVFFELNGQLR	AGAP004742-PB,AGAP004742-PA	N7(Deamidated)	69	1.97E-06	2	1352.684	-0.5	Midgut	2L:-:2999864-2999832;2L:-:2999864-2999832	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_23414	LPIEVR	AGAP004742-PB,AGAP004742-PA	-	38	0.000424446	2	726.451	0.54	Malpighian tubule	2L:-:3003778-3003761;2L:-:3003778-3003761	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_23490	GLAPVEAYLSIPEIIR	AGAP004742-PB,AGAP004742-PA	-	40	0.000429584	2	1740.985	-2.58	Midgut	2L:-:3004436-3004389;2L:-:3004436-3004389	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_24273	QIPNIPFQMLLR	AGAP004742-PB,AGAP004742-PA	-	34	0.002978412	1	1469.831	0.89	Ovary	2L:-:3001349-3001314;2L:-:3001349-3001314	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_24533	AAIEAGVPIVPGTDGPVTTK	AGAP004742-PB,AGAP004742-PA	-	38	0.000983739	1	1893.037	2	Salivary gland	2L:-:3004153-3004094;2L:-:3004153-3004094	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_24597	LLLMDTTFR	AGAP004742-PB,AGAP004742-PA	-	48	0.000146984	2	1109.602	-0.16	Pupa	2L:-:3001559-3001533;2L:-:3001559-3001533	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_25004	SDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	108	2.61E-10	1	1362.708	4.97	Malpighian tubule	2L:-:3004252-3004214;2L:-:3004252-3004214	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_25554	AAFGNGAMFIEK	AGAP004742-PB,AGAP004742-PA	M8(Oxidation)	84	5.16E-08	2	1255.614	0.3	Head	2L:-:3003949-3003914;2L:-:3003949-3003914	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_26032	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	50	8.39E-05	2	1642.915	-0.62	Midgut	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_26428	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	56	4.40E-06	2	799.540	0.21	Visceras	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_26955	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	93	8.13E-09	1	1844.887	2.91	Head	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_27135	VVGDLAQFMVQNHLTADQVLER	AGAP004742-PB,AGAP004742-PA	M9(Oxidation)	142	7.44E-14	1	2483.279	3.01	Head	2L:-:3000350-3000285;2L:-:3000350-3000285	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_27706	DAHQSLLATR	AGAP004742-PB,AGAP004742-PA	-	34	0.004084755	1	1111.587	1.28	Head	2L:-:3001532-3001503;2L:-:3001532-3001503	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_27836	DVMSAALYPQVTNDFLNFR	AGAP004742-PB,AGAP004742-PA	M3(Oxidation)	79	2.46E-07	1	2217.072	3.32	Visceras	2L:-:3000074-3000018;2L:-:3000074-3000018	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_28090	VVGDLAQFMVQNHLTADQVLER	AGAP004742-PB,AGAP004742-PA	M9(Oxidation)	131	8.90E-13	1	2499.271	1.93	Visceras	2L:-:3000350-3000285;2L:-:3000350-3000285	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_28165	ENDVDAVHPGYGFLSER	AGAP004742-PB,AGAP004742-PA	-	107	2.39E-10	1	1904.879	0.81	Ovary	2L:-:3004379-3004703,3003022-3004253;2L:-:3004379-3004703,3003022-3004253	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA
JHU_Ag_28211	QILQEEGPEGFAK	AGAP004742-PB,AGAP004742-PA	-	56	3.75E-05	1	1445.728	0.8	Ovary	2L:-:3001619-3001581;2L:-:3001619-3001581	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_28550	VISHASDLQSSAAKMNR	AGAP004742-PB,AGAP004742-PA	M15(Oxidation)	59	2.20E-05	1	1830.918	2.8	Malpighian tubule	2L:-:3003340-3003290;2L:-:3003340-3003290	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_28634	DTFGPVDKLNTR	AGAP004742-PB,AGAP004742-PA	-	57	3.48E-05	1	1362.704	1.66	Malpighian tubule	2L:-:3000017-2999982;2L:-:3000017-2999982	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_29104	NEVGAPMPGSVIEIK	AGAP004742-PB,AGAP004742-PA	N1(Deamidated), M7(Oxidation)	32	0.010107044	1	1557.806	14.51	Midgut	2L:-:2999759-3000828,2999465-2999630;2L:-:2999759-3000828,2999465-2999630	exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004742-PA
JHU_Ag_29337	VISHASDLQSSAAK	AGAP004742-PB,AGAP004742-PA	-	69	1.33E-06	1	1413.738	3.13	Salivary gland	2L:-:3003340-3003299;2L:-:3003340-3003299	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_29436	SVVEFLQGAIGTPHGGFPEPLR	AGAP004742-PB,AGAP004742-PA	-	72	6.64E-07	1	2308.206	-1.31	Salivary gland	2L:-:3000260-3000195;2L:-:3000260-3000195	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_29612	EVFFELNGQLR	AGAP004742-PB,AGAP004742-PA	-	35	0.004461801	2	1351.707	5.02	Head	2L:-:2999864-2999832;2L:-:2999864-2999832	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_29666	LDSASAYAGAIISPYYDSLLVK	AGAP004742-PB,AGAP004742-PA	-	84	5.16E-08	1	2317.200	1.39	Salivary gland	2L:-:3003406-3003341;2L:-:3003406-3003341	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_30195	FLNGVLDTYFIDEHPQLFR	AGAP004742-PB,AGAP004742-PA	-	97	2.46E-09	1	2324.183	5.19	Ovary	2L:-:3003214-3003158;2L:-:3003214-3003158	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_30270	LQVEHTVTEEITGIDLVQSQIR	AGAP004742-PB,AGAP004742-PA	-	115	1.84E-11	1	2508.340	3.84	Malpighian tubule	2L:-:3003640-3003575;2L:-:3003640-3003575	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_30280	SDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	120	1.80E-11	1	1362.703	1.21	Ovary	2L:-:3004252-3004214;2L:-:3004252-3004214	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_30305	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	100	4.15E-10	1	2039.130	0.62	Salivary gland	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_31193	EVFFELNGQLR	AGAP004742-PB,AGAP004742-PA	-	73	8.23E-07	2	1351.705	3.39	Visceras	2L:-:2999864-2999832;2L:-:2999864-2999832	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_31347	AAIEAGVPIVPGTDGPVTTK	AGAP004742-PB,AGAP004742-PA	-	69	8.92E-07	1	1893.031	-1.09	Head	2L:-:3004153-3004094;2L:-:3004153-3004094	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_31450	SLQESHPDVQDRDVMSAALYPQVTNDFLNFR	AGAP004742-PB,AGAP004742-PA	M15(Oxidation)	47	0.000270897	1	3608.723	4.15	Head	2L:-:3000110-3000018;2L:-:3000110-3000018	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_31650	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	38	0.000638 63	1	2039.131	0.98	Pupa	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_32205	HIEVQLLGDK	AGAP004742-PB,AGAP004742-PA	-	60	7.40E-06	1	1151.643	0.69	Malpighian tubule	2L:-:3003895-3003866;2L:-:3003895-3003866	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_32239	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	98	7.43E-10	1	1642.927	6.29	Malpighian tubule	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_33730	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	107	2.20E-10	1	1761.806	1.16	Malpighian tubule	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_34111	ENDVDAVHPGYGFLSER	AGAP004742-PB,AGAP004742-PA	-	44	0.000468 96	1	1904.877	-0.06	Visceras	2L:-:3004379-3004703,3003022-3004253;2L:-:3004379-3004703,3003022-3004253	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA

JHU_Ag_34940	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	114	5.11E-11	1	1761.806	1.3	Head	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_35493	GLAPVEAYLSIPEIIR	AGAP004742-PB,AGAP004742-PA	-	89	5.22E-09	1	1740.990	0.43	Salivary gland	2L:-:3004436-3004389;2L:-:3004436-3004389	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_35695	DVMSAALYPQVTNDFLNFR	AGAP004742-PB,AGAP004742-PA	M3(Oxidation)	71	1.37E-06	1	2217.070	2.58	Malpighian tubule	2L:-:3000074-3000018;2L:-:3000074-3000018	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_37453	SVLVANRGEIAIR	AGAP004742-PB,AGAP004742-PA	-	53	1.58E-05	2	1397.829	4.91	Malpighian tubule	2L:-:3004586-3004548;2L:-:3004586-3004548	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_37696	AGNVVHLYER	AGAP004742-PB,AGAP004742-PA	-	57	2.27E-05	1	1157.606	-0.19	Salivary gland	2L:-:3003865-3003836;2L:-:3003865-3003836	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_37702	VGDHVEK	AGAP004742-PB,AGAP004742-PA	-	43	0.000591668	2	783.400	0.39	Head	2L:-:2999623-2999603;2L:-:2999623-2999603	exon=> In CDS Exon 6 of transcript AGAP004742-PB;exon=> In CDS Exon 7 of transcript AGAP004742-PA
JHU_Ag_37726	AEELSFPK	AGAP004742-PB,AGAP004742-PA	-	48	0.000204609	2	920.472	-0.02	Salivary gland	2L:-:3000284-3000261;2L:-:3000284-3000261	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_38795	SDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	107	3.63E-10	2	1362.706	3.72	Salivary gland	2L:-:3004252-3004214;2L:-:3004252-3004214	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_40013	GNKNEVGAPMPGSVIEIK	AGAP004742-PB,AGAP004742-PA	M10(Oxidation)	36	0.003064501	1	1855.958	-0.32	Ovary	2L:-:2999768-3000828,2999465-2999630;2L:-:2999768-3000828,2999465-2999630	exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PB;exon=> In CDS Exon 7 and 6 of transcript AGAP004742-PA
JHU_Ag_40108	FCELSVQCGMDIFR	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	90	7.91E-09	2	1761.779	1.87	Visceras	2L:-:3001262-3001645,3000903-3001136;2L:-:3001262-3001645,3000903-3001136	exon=> In CDS Exon 4 and 3 of transcript AGAP004742-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PA
JHU_Ag_41878	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	86	1.08E-08	1	2039.132	1.64	Head	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_42550	LQVEHTVTEEITGIDLVQSQIR	AGAP004742-PB,AGAP004742-PA	-	54	2.23E-05	3	2508.345	5.9	Pupa	2L:-:3003640-3003575;2L:-:3003640-3003575	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_42595	THDLLK	AGAP004742-PB,AGAP004742-PA	-	35	0.001145683	1	726.416	1.49	Malpighian tubule	2L:-:3001496-3001479;2L:-:3001496-3001479	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA

JHU_Ag_42830	LLLMDTTFRDAHQSLLATR	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	147	1.52E-14	1	2218.177	5.41	Malpighian tubule	2L:-:3001559-3001503;2L:-:3001559-3001503	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_43147	VVEIAPAPR	AGAP004742-PB,AGAP004742-PA	-	58	8.00E-06	1	951.564	2.31	Malpighian tubule	2L:-:3003805-3003779;2L:-:3003805-3003779	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_43211	LLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	-	80	2.40E-08	1	2113.195	2.22	Larva	2L:-:3003127-3003068;2L:-:3003127-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_43440	GLAPVEAYLSIPEIIR	AGAP004742-PB,AGAP004742-PA	-	85	1.08E-08	1	1740.992	1.34	Head	2L:-:3004436-3004389;2L:-:3004436-3004389	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_43542	EANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	49	6.21E-05	1	1198.707	1.93	Head	2L:-:3000401-3000369;2L:-:3000401-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_43617	HGLPVIFK	AGAP004742-PB,AGAP004742-PA	-	47	4.03E-05	2	910.554	3.7	Malpighian tubule	2L:-:3004066-3004043;2L:-:3004066-3004043	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_44631	LPIEVR	AGAP004742-PB,AGAP004742-PA	-	34	0.001147683	2	726.452	1.12	Salivary gland	2L:-:3003778-3003761;2L:-:3003778-3003761	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_44922	DAHQSLLATR	AGAP004742-PB,AGAP004742-PA	-	52	6.00E-05	1	1111.587	1.43	Salivary gland	2L:-:3001532-3001503;2L:-:3001532-3001503	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_45135	QKADESYMVGK	AGAP004742-PB,AGAP004742-PA	M8(Oxidation)	47	0.000215986	1	1271.597	2.68	Malpighian tubule	2L:-:3004469-3004437;2L:-:3004469-3004437	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_45496	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	100	1.61E-09	2	1844.880	-0.6	Midgut	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_45884	SVVEFLQGAIGTPHGGFPEPLR	AGAP004742-PB,AGAP004742-PA	-	67	2.08E-06	1	2308.210	0.67	Midgut	2L:-:3000260-3000195;2L:-:3000260-3000195	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_46215	DTFGPVDKLNTR	AGAP004742-PB,AGAP004742-PA	-	71	1.32E-06	1	1362.702	0.32	Head	2L:-:3000017-2999982;2L:-:3000017-2999982	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_47308	SLQESHPDVQDR	AGAP004742-PB,AGAP004742-PA	-	77	2.45E-07	1	1410.660	-0.72	Pupa	2L:-:3000110-3000075;2L:-:3000110-3000075	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_47521	FLNGVLDTYFIDEHPQLFR	AGAP004742-PB,AGAP004742-PA	-	98	2.23E-09	1	2324.175	1.49	Salivary gland	2L:-:3003214-3003158;2L:-:3003214-3003158	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA

JHU_Ag_47570	AAFGNGAMFIEKFIERPR	AGAP004742-PB,AGAP004742-PA	N5(Deamidated), M8(Oxidation),M8(Oxidation)	57	2.55E-05	1	2070.067	3.92	Malpighian tubule	2L:-:3003949-3003896;2L:-:3003949-3003896	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_47732	GKTLGFK	AGAP004742-PB,AGAP004742-PA	-	31	0.001937364	2	750.453	2.63	Malpighian tubule	2L:-:2999927-2999907;2L:-:2999927-2999907	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_49813	LLLMDTTFR	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	55	2.97E-05	2	1125.600	2.3	Salivary gland	2L:-:3001559-3001533;2L:-:3001559-3001533	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_49907	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	78	1.60E-07	1	1761.802	-0.99	Pupa	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_50076	ACTELGIR	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl)	36	0.004398175	1	919.469	2.63	Malpighian tubule	2L:-:3004538-3004515;2L:-:3004538-3004515	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_50267	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	96	3.30E-09	1	1761.808	2.06	Salivary gland	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_50825	FLNGVLDTYFIDEHPQLFR	AGAP004742-PB,AGAP004742-PA	N3(Deamidated)	57	2.15E-05	1	2324.186	6.45	Larva	2L:-:3003214-3003158;2L:-:3003214-3003158	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_51026	DMAGLLKPQAAR	AGAP004742-PB,AGAP004742-PA	-	63	6.15E-06	1	1270.693	-0.71	Midgut	2L:-:3000937-3001162,2999723-3000828;2L:-:3000937-3001162,2999723-3000828	exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PA
JHU_Ag_51759	LDSASAYAGAIISPYYDSLLVK	AGAP004742-PB,AGAP004742-PA	-	67	2.15E-06	1	2317.211	6.24	Larva	2L:-:3003406-3003341;2L:-:3003406-3003341	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_52686	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	55	4.90E-06	2	799.540	-0.48	Midgut	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_52790	AGNVVHLYERDCSVQR	AGAP004742-PB,AGAP004742-PA	C12(Carbamidomethyl)	65	4.97E-06	1	1902.932	4.01	Malpighian tubule	2L:-:3003865-3003818;2L:-:3003865-3003818	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_53236	QIPNIPFQMLLR	AGAP004742-PB,AGAP004742-PA	-	49	6.89E-05	1	1469.835	3.22	Visceras	2L:-:3001349-3001314;2L:-:3001349-3001314	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_54021	TLAMAEDLTANGER	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	84	5.90E-08	1	1507.706	0.21	Malpighian tubule	2L:-:2999906-2999865;2L:-:2999906-2999865	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_55048	VGEEFEATIEKGK	AGAP004742-PB,AGAP004742-PA	-	97	3.63E-09	1	1436.734	4.94	Malpighian tubule	2L:-:2999960-2999922;2L:-:2999960-2999922	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_55078	AEELSFPK	AGAP004742-PB,AGAP004742-PA	-	52	0.000121752	2	920.474	1.43	Malpighian tubule	2L:-:3000284-3000261;2L:-:3000284-3000261	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_56061	VTTEDPANDFQPNTGRLEVFR	AGAP004742-PB,AGAP004742-PA	-	102	1.07E-09	1	2406.179	4.52	Malpighian tubule	2L:-:3003493-3003431;2L:-:3003493-3003431	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_56149	EANLLLGDIIKVTPSSK	AGAP004742-PB,AGAP004742-PA	-	26	0.004104616	1	1798.040	4.38	Malpighian tubule	2L:-:3000401-3000351;2L:-:3000401-3000351	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_56315	AAFGNGAMFIEK	AGAP004742-PB,AGAP004742-PA	M8(Oxidation)	49	0.000160363	2	1255.614	-0.38	Visceras	2L:-:3003949-3003914;2L:-:3003949-3003914	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_57688	GVKTNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	32	0.00165222	1	1927.110	4.73	Malpighian tubule	2L:-:3003265-3003215;2L:-:3003265-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_57899	GLAPVEAYLSIPEIIR	AGAP004742-PB,AGAP004742-PA	-	96	8.24E-10	1	1740.996	3.8	Ovary	2L:-:3004436-3004389;2L:-:3004436-3004389	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_58360	VVGDLAQFMVQNHLTADQVLER	AGAP004742-PB,AGAP004742-PA	M9(Oxidation)	140	1.25E-13	1	2483.273	0.5	Salivary gland	2L:-:3000350-3000285;2L:-:3000350-3000285	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_58670	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	78	2.12E-07	1	1761.812	4.62	Larva	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_58944	ELHIHPK	AGAP004742-PB,AGAP004742-PA	-	36	0.004778399	2	873.491	-3.51	Head	2L:-:2999798-2999778;2L:-:2999798-2999778	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_59530	FLHECPWER	AGAP004742-PB,AGAP004742-PA	C5(Carbamidomethyl)	51	6.49E-05	1	1273.582	3.25	Midgut	2L:-:3001394-3001368;2L:-:3001394-3001368	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_59885	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	63	2.03E-06	1	2039.127	-0.52	Midgut	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_59948	FIERPR	AGAP004742-PB,AGAP004742-PA	-	39	0.001995835	2	817.467	-0.74	Head	2L:-:3003913-3003896;2L:-:3003913-3003896	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_60121	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	43	0.0006424	2	1761.803	-0.43	Male reproductive organs	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA

JHU_Ag_60405	VVEIAPAPR	AGAP004742-PB,AGAP004742-PA	-	42	0.000322252	2	951.563	0.38	Head	2L:-:3003805-3003779;2L:-:3003805-3003779	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_61008	IEGRPGAQLAPLDFDALK	AGAP004742-PB,AGAP004742-PA	-	49	7.93E-05	1	1911.039	2.65	Salivary gland	2L:-:3000167-3000114;2L:-:3000167-3000114	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_61817	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	110	1.60E-10	1	1844.885	2.18	Salivary gland	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_62865	FLHECPWER	AGAP004742-PB,AGAP004742-PA	C5(Carbamidomethyl)	52	4.97E-05	1	1273.578	-0.55	Visceras	2L:-:3001394-3001368;2L:-:3001394-3001368	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_63407	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	96	3.54E-09	1	1844.885	1.72	Visceras	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_63954	ENDVDAVHPGYGFLSER	AGAP004742-PB,AGAP004742-PA	-	64	5.48E-06	1	1904.878	0.32	Head	2L:-:3004379-3004703,3003022-3004253;2L:-:3004379-3004703,3003022-3004253	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA
JHU_Ag_64310	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	120	1.56E-11	1	1844.888	3.37	Malpighian tubule	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_64665	HGLPVIFK	AGAP004742-PB,AGAP004742-PA	-	42	0.000153284	2	910.551	-0.12	Ovary	2L:-:3004066-3004043;2L:-:3004066-3004043	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_65029	LLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	N11(Deamidated)	114	9.91E-12	1	2113.195	2.11	Visceras	2L:-:3003127-3003068;2L:-:3003127-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_66635	LEGEDLLLTLE	AGAP004742-PB,AGAP004742-PA	-	51	0.000116958	1	1244.665	2.01	Malpighian tubule	2L:-:2999500-2999468;2L:-:2999500-2999468	exon=> In CDS Exon 6 of transcript AGAP004742-PB;exon=> In CDS Exon 7 of transcript AGAP004742-PA
JHU_Ag_67333	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	87	3.46E-08	2	1251.609	-1.26	Male reproductive organs	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_67430	LQVEHTVTEEITGIDLVQSQIR	AGAP004742-PB,AGAP004742-PA	-	69	7.51E-07	3	2508.344	5.24	Head	2L:-:3003640-3003575;2L:-:3003640-3003575	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_67650	VFLTGPK	AGAP004742-PB,AGAP004742-PA	-	45	0.000134511	1	761.459	3.91	Malpighian tubule	2L:-:2999981-2999961;2L:-:2999981-2999961	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_67823	HIEVQLLGDK	AGAP004742-PB,AGAP004742-PA	-	58	1.44E-05	1	1151.641	-1	Salivary gland	2L:-:3003895-3003866;2L:-:3003895-3003866	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_67887	QIPNIPFQMLLR	AGAP004742-PB,AGAP004742-PA	M9(Oxidation)	69	9.60E-07	1	1485.832	4.88	Malpighian tubule	2L:-:3001349-3001314;2L:-:3001349-3001314	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_67969	YYTNLADELVK	AGAP004742-PB,AGAP004742-PA	-	94	5.70E-09	2	1328.672	-1.03	Midgut	2L:-:3000997-3000965;2L:-:3000997-3000965	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_67990	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	78	2.53E-07	2	1251.610	-0.68	Pupa	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_68319	TLAMAEDLTANGER	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	81	1.15E-07	2	1491.715	2.45	Ovary	2L:-:2999906-2999865;2L:-:2999906-2999865	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_68528	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	76	4.10E-07	1	1251.610	-0.58	Salivary gland	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_68609	LDSASAYAGAIISPYYDSLLVK	AGAP004742-PB,AGAP004742-PA	-	90	1.09E-08	1	2317.205	3.61	Malpighian tubule	2L:-:3003406-3003341;2L:-:3003406-3003341	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_68999	AAIEAGVPIVPGTDGPVTTKEEAVEFCR	AGAP004742-PB,AGAP004742-PA	C27(Carbamidomethyl)	73	4.28E-07	1	2913.479	4.25	Malpighian tubule	2L:-:3004153-3004070;2L:-:3004153-3004070	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_70239	HGLPVIFK	AGAP004742-PB,AGAP004742-PA	-	55	8.24E-06	2	910.550	-1.13	Head	2L:-:3004066-3004043;2L:-:3004066-3004043	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_70306	VFLTGPK	AGAP004742-PB,AGAP004742-PA	-	32	0.003554735	1	761.455	-0.2	Salivary gland	2L:-:2999981-2999961;2L:-:2999981-2999961	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_70453	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	85	4.74E-08	2	1844.893	6.41	Larva	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_70836	SDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	67	3.01E-06	2	1362.701	-0.22	Male reproductive organs	2L:-:3004252-3004214;2L:-:3004252-3004214	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_70932	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	58	7.68E-06	1	2039.130	0.56	Ovary	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_71414	EANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	74	2.10E-07	2	1198.705	0.75	Visceras	2L:-:3000401-3000369;2L:-:3000401-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_71565	VISHASDLQSSAAK	AGAP004742-PB,AGAP004742-PA	-	69	1.51E-06	1	1413.734	0.45	Head	2L:-:3003340-3003299;2L:-:3003340-3003299	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_71650	TLYAPFECTTTMK	AGAP004742-PB,AGAP004742-PA	C8(Carbamidomethyl), M12(Oxidation),C8(Carbamidomethyl)	54	5.75E-05	2	1578.725	4.36	Salivary gland	2L:-:3000560-3000522;2L:-:3000560-3000522	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_72014	FLNGVLDTYFIDEHPQLFR	AGAP004742-PB,AGAP004742-PA	N3(Deamidated)	125	4.25E-12	1	2324.178	3.06	Visceras	2L:-:3003214-3003158;2L:-:3003214-3003158	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_72031	VISHASDLQSSAAK	AGAP004742-PB,AGAP004742-PA	-	68	1.67E-06	1	1413.738	3.13	Larva	2L:-:3003340-3003299;2L:-:3003340-3003299	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_72251	VVEIAPAPR	AGAP004742-PB,AGAP004742-PA	-	32	0.003448799	2	951.561	-1.48	Ovary	2L:-:3003805-3003779;2L:-:3003805-3003779	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_72383	LLLMDTTFR	AGAP004742-PB,AGAP004742-PA	-	43	0.000471272	2	1109.603	0.17	Midgut	2L:-:3001559-3001533;2L:-:3001559-3001533	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_73976	DTFGPVDKLNTR	AGAP004742-PB,AGAP004742-PA	-	61	1.54E-05	1	1362.700	-1.2	Midgut	2L:-:3000017-2999982;2L:-:3000017-2999982	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_74189	YYTNLADELVK	AGAP004742-PB,AGAP004742-PA	-	43	0.000718804	2	1328.673	-0.11	Pupa	2L:-:3000997-3000965;2L:-:3000997-3000965	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_74976	GLAPVEAYLSIPEIIR	AGAP004742-PB,AGAP004742-PA	-	91	2.46E-09	1	1740.994	2.82	Malpighian tubule	2L:-:3004436-3004389;2L:-:3004436-3004389	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_76137	TLAMAEDLTANGER	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	55	4.98E-05	2	1507.713	4.91	Salivary gland	2L:-:2999906-2999865;2L:-:2999906-2999865	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_76357	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	90	1.71E-08	1	1844.882	0.59	Ovary	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_76387	ISPFVAHK	AGAP004742-PB,AGAP004742-PA	-	42	0.000370983	1	898.517	2.67	Malpighian tubule	2L:-:3001478-3001455;2L:-:3001478-3001455	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_76412	DVMSAALYPQVTNDFLNFR	AGAP004742-PB,AGAP004742-PA	M3(Oxidation)	55	6.01E-05	3	2217.070	2.49	Head	2L:-:3000074-3000018;2L:-:3000074-3000018	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_76526	HIEVQLLGDK	AGAP004742-PB,AGAP004742-PA	-	50	9.94E-05	2	1151.640	-1.32	Pupa	2L:-:3003895-3003866;2L:-:3003895-3003866	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA

JHU_Ag_77137	FLHECPWER	AGAP004742-PB,AGAP004742-PA	C5(Carbamidomethyl)	46	0.000219 36	1	1273.581	1.91	Head	2L:-:3001394-3001368;2L:-:3001394-3001368	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_78511	AGNVVHLYER	AGAP004742-PB,AGAP004742-PA	-	78	1.71E-07	1	1157.602	-3.81	Head	2L:-:3003865-3003836;2L:-:3003865-3003836	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_78708	VAEGMTLPELGYTQENIKPQGYAIQCR	AGAP004742-PB,AGAP004742-PA	M5(Oxidation), C26(Carbamidomethyl)	68	2.23E-06	1	3082.501	1.2	Head	2L:-:3003574-3003494;2L:-:3003574-3003494	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_78737	KLLLMDTTFR	AGAP004742-PB,AGAP004742-PA	M5(Oxidation)	42	0.000475 132	1	1253.690	-1.64	Midgut	2L:-:3001562-3001533;2L:-:3001562-3001533	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_79615	AGNVVHLYER	AGAP004742-PB,AGAP004742-PA	-	43	0.000562 39	1	1157.605	-0.73	Male reproductive organs	2L:-:3003865-3003836;2L:-:3003865-3003836	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_79920	HIEVQLLGDK	AGAP004742-PB,AGAP004742-PA	-	75	2.63E-07	1	1151.643	0.9	Visceras	2L:-:3003895-3003866;2L:-:3003895-3003866	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_81264	GQPLIVLSAMK	AGAP004742-PB,AGAP004742-PA	M10(Oxidation)	58	1.15E-05	2	1156.675	-0.6	Malpighian tubule	2L:-:2999602-2999570;2L:-:2999602-2999570	exon=> In CDS Exon 6 of transcript AGAP004742-PB;exon=> In CDS Exon 7 of transcript AGAP004742-PA
JHU_Ag_81738	VTTEDPANDFQPNTGRLEVFR	AGAP004742-PB,AGAP004742-PA	-	89	1.85E-08	1	2406.173	1.78	Ovary	2L:-:3003493-3003431;2L:-:3003493-3003431	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_82160	HGLPVIFK	AGAP004742-PB,AGAP004742-PA	-	37	0.000508 239	1	910.551	-0.46	Visceras	2L:-:3004066-3004043;2L:-:3004066-3004043	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_82243	SVVEFLQGAIGTPHGGFPEPLR	AGAP004742-PB,AGAP004742-PA	-	142	6.21E-14	1	2308.224	6.86	Malpighian tubule	2L:-:3000260-3000195;2L:-:3000260-3000195	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_82353	EANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	68	7.41E-07	2	1198.707	2.58	Salivary gland	2L:-:3000401-3000369;2L:-:3000401-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_82497	IEGRPGAQLAPLDFDALK	AGAP004742-PB,AGAP004742-PA	-	49	8.92E-05	1	1911.034	0.1	Head	2L:-:3000167-3000114;2L:-:3000167-3000114	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_82548	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	71	1.00E-06	1	1761.806	1.3	Ovary	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_82815	IEGRPGAQLAPLDFDALKK	AGAP004742-PB,AGAP004742-PA	-	32	0.002530 75	1	2039.131	1.28	Male reproductive organs	2L:-:3000167-3000111;2L:-:3000167-3000111	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_82963	QILQEEGPEGFAK	AGAP004742-PB,AGAP004742-PA	-	72	9.22E-07	2	1445.726	-0.47	Midgut	2L:-:3001619-3001581;2L:-:3001619-3001581	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_83075	TLDISNGMKLEGEDLLLTLE	AGAP004742-PB,AGAP004742-PA	M8(Oxidation)	31	0.008500148	2	2220.148	7.57	Head	2L:-:2999527-2999468;2L:-:2999527-2999468	exon=> In CDS Exon 6 of transcript AGAP004742-PB;exon=> In CDS Exon 7 of transcript AGAP004742-PA
JHU_Ag_83434	ISPFVAHK	AGAP004742-PB,AGAP004742-PA	-	46	0.000150493	2	898.514	-0.38	Midgut	2L:-:3001478-3001455;2L:-:3001478-3001455	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_83732	FCELSVQCGMDIFR	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), M10(Oxidation)	45	0.000274329	2	1777.783	7.12	Head	2L:-:3001262-3001645,3000903-3001136;2L:-:3001262-3001645,3000903-3001136	exon=> In CDS Exon 4 and 3 of transcript AGAP004742-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PA
JHU_Ag_84214	SDFAQAVIDAGLR	AGAP004742-PB,AGAP004742-PA	-	110	1.52E-10	2	1362.704	1.75	Head	2L:-:3004252-3004214;2L:-:3004252-3004214	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_84851	DTFGPVDKLNTR	AGAP004742-PB,AGAP004742-PA	-	103	8.33E-10	1	1362.701	-0.31	Ovary	2L:-:3000017-2999982;2L:-:3000017-2999982	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_85330	LDSASAYAGAIISPYYDSLLVK	AGAP004742-PB,AGAP004742-PA	-	78	1.91E-07	1	2317.203	2.97	Visceras	2L:-:3003406-3003341;2L:-:3003406-3003341	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_85362	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	35	0.000527818	2	799.541	0.67	Head	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_85650	SVVEFLQGAIGTPHGGFPEPLR	AGAP004742-PB,AGAP004742-PA	-	130	9.88E-13	1	2308.209	0.2	Visceras	2L:-:3000260-3000195;2L:-:3000260-3000195	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_86121	SLQESHPDVQDR	AGAP004742-PB,AGAP004742-PA	-	71	1.09E-06	1	1410.666	3.95	Salivary gland	2L:-:3000110-3000075;2L:-:3000110-3000075	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_86187	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	88	2.44E-08	2	1251.612	1.37	Head	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_87762	LLLMDTTFR	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	36	0.002541215	2	1125.597	-0.31	Ovary	2L:-:3001559-3001533;2L:-:3001559-3001533	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_88016	VVGDLAQFMVQNHLTADQVLER	AGAP004742-PB,AGAP004742-PA	-	93	5.74E-09	1	2483.274	1.24	Ovary	2L:-:3000350-3000285;2L:-:3000350-3000285	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_88271	QILQEEGPEGFAK	AGAP004742-PB,AGAP004742-PA	-	83	6.70E-08	1	1445.735	5.53	Malpighian tubule	2L:-:3001619-3001581;2L:-:3001619-3001581	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_88283	FLHECPWER	AGAP004742-PB,AGAP004742-PA	C5(Carbamidomethyl)	58	1.26E-05	1	1273.581	1.9	Salivary gland	2L:-:3001394-3001368;2L:-:3001394-3001368	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_88370	AGTHVLCIK	AGAP004742-PB,AGAP004742-PA	C7(Carbamidomethyl)	56	1.57E-05	1	998.545	-0.3	Head	2L:-:3000964-3000938;2L:-:3000964-3000938	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_89490	LQVEHTVTEEITGIDLVQSQIR	AGAP004742-PB,AGAP004742-PA	-	101	5.52E-10	1	2508.328	-0.96	Salivary gland	2L:-:3003640-3003575;2L:-:3003640-3003575	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_89492	AYREANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	75	8.22E-08	1	1588.916	6.7	Malpighian tubule	2L:-:3000410-3000369;2L:-:3000410-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_90293	LLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	N11(Deamidated)	105	7.73E-11	1	2113.189	-0.56	Malpighian tubule	2L:-:3003127-3003068;2L:-:3003127-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_91033	SGEGMGIR	AGAP004742-PB,AGAP004742-PA	-	67	2.41E-06	2	806.383	1.04	Malpighian tubule	2L:-:3003430-3003407;2L:-:3003430-3003407	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_92571	FCELSVQCGMDIFR	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl), C8(Carbamidomethyl),"C2(Carbamidomethyl), C8(Carbamidomethyl), M10(Oxidation)"	89	1.02E-08	2	1777.778	3.89	Salivary gland	2L:-:3001262-3001645,3000903-3001136;2L:-:3001262-3001645,3000903-3001136	exon=> In CDS Exon 4 and 3 of transcript AGAP004742-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PA
JHU_Ag_92936	VAEGMTLPELGYTQENIKPQGYAIQCR	AGAP004742-PB,AGAP004742-PA	M5(Oxidation), C26(Carbamidomethyl),C26(Carbamidomethyl)	126	3.61E-12	1	3082.503	1.8	Malpighian tubule	2L:-:3003574-3003494;2L:-:3003574-3003494	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_94395	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	53	4.45E-06	2	799.541	0.9	Malpighian tubule	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_94482	VRTHDLLK	AGAP004742-PB,AGAP004742-PA	-	30	0.004736846	1	981.587	2.61	Malpighian tubule	2L:-:3001502-3001479;2L:-:3001502-3001479	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_94655	DVMSAALYPQVTNDFLNFR	AGAP004742-PB,AGAP004742-PA	M3(Oxidation)	74	6.87E-07	1	2201.075	2.65	Salivary gland	2L:-:3000074-3000018;2L:-:3000074-3000018	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_94745	VCKENDVDAVHPGYGFLSER	AGAP004742-PB,AGAP004742-PA	C2(Carbamidomethyl)	109	2.00E-10	1	2292.082	4.6	Malpighian tubule	2L:-:3004388-3004703,3003022-3004253;2L:-:3004388-3004703,3003022-3004253	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA

JHU_Ag_94845	VVEIAPAPR	AGAP004742-PB,AGAP004742-PA	-	48	6.56E-05	2	951.558	-4.31	Visceras	2L:-:3003805-3003779;2L:-:3003805-3003779	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_94997	VTTEDPANDFQPNTGR	AGAP004742-PB,AGAP004742-PA	-	106	2.76E-10	1	1761.806	1.3	Visceras	2L:-:3003493-3003446;2L:-:3003493-3003446	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_95368	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	82	3.35E-08	1	1642.928	7.03	Larva	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_95494	LLITAIR	AGAP004742-PB,AGAP004742-PA	-	55	5.39E-06	2	799.540	0.06	Ovary	2L:-:3000827-3000807;2L:-:3000827-3000807	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_96005	LQVEHTVTEEITGIDLVQSQIR	AGAP004742-PB,AGAP004742-PA	-	120	5.31E-12	1	2508.337	2.47	Visceras	2L:-:3003640-3003575;2L:-:3003640-3003575	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_96368	HIEVQLLGDK	AGAP004742-PB,AGAP004742-PA	Q5(Deamidated)	75	2.96E-07	1	1151.638	-3.34	Head	2L:-:3003895-3003866;2L:-:3003895-3003866	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_96489	SVAVYSEQDKMHMHR	AGAP004742-PB,AGAP004742-PA	M11(Oxidation), M13(Oxidation)	36	0.003008568	1	1817.847	2.77	Malpighian tubule	2L:-:3004514-3004470;2L:-:3004514-3004470	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_97274	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	38	0.001108597	1	1642.916	-0.25	Male reproductive organs	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_97739	VISHASDLQSSAAK	AGAP004742-PB,AGAP004742-PA	-	78	1.66E-07	1	1413.737	2.96	Malpighian tubule	2L:-:3003340-3003299;2L:-:3003340-3003299	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_97780	AAFGNGAMFIEK	AGAP004742-PB,AGAP004742-PA	N5(Deamidated),"N5(Deamidated), M8(Oxidation)",M8(Oxidation)	96	2.94E-09	1	1271.614	4.29	Malpighian tubule	2L:-:3003949-3003914;2L:-:3003949-3003914	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_98540	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	112	3.84E-11	1	1642.921	2.57	Head	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_98640	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	93	8.98E-09	2	1251.615	3.61	Malpighian tubule	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_98685	LEGEDLLLTLE	AGAP004742-PB,AGAP004742-PA	-	45	0.000532691	2	1244.663	0.94	Visceras	2L:-:2999500-2999468;2L:-:2999500-2999468	exon=> In CDS Exon 6 of transcript AGAP004742-PB;exon=> In CDS Exon 7 of transcript AGAP004742-PA
JHU_Ag_98769	VGEEFEATIEK	AGAP004742-PB,AGAP004742-PA	-	68	2.97E-06	2	1251.615	3.52	Midgut	2L:-:2999960-2999928;2L:-:2999960-2999928	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_99429	AGTHVLCIKDMAGLLKPQAAR	AGAP004742-PB,AGAP004742-PA	C7(Carbamidomethyl), M11(Oxidation)	123	3.29E-12	1	2266.228	5.17	Malpighian tubule	2L:-:3000964-3001162,2999723-3000828;2L:-:3000964-3001162,2999723-3000828	exon=> In CDS Exon 5 and 4 of transcript AGAP004742-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP004742-PA
JHU_Ag_99569	SVVEFLQGAIGTPHGGFPEPLR	AGAP004742-PB,AGAP004742-PA	-	130	9.09E-13	1	2308.217	3.85	Head	2L:-:3000260-3000195;2L:-:3000260-3000195	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_99631	YYTNLADELVK	AGAP004742-PB,AGAP004742-PA	-	81	1.21E-07	1	1328.681	5.68	Malpighian tubule	2L:-:3000997-3000965;2L:-:3000997-3000965	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_99769	VVEIAPAPR	AGAP004742-PB,AGAP004742-PA	-	42	0.000338292	2	951.564	1.53	Salivary gland	2L:-:3003805-3003779;2L:-:3003805-3003779	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_100572	AAIEAGVPIVPGTDGPVTTKEEAVEFCR	AGAP004742-PB,AGAP004742-PA	C27(Carbamidomethyl)	52	5.59E-05	1	2913.478	4	Head	2L:-:3004153-3004070;2L:-:3004153-3004070	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_101241	AAFGNGAMFIEK	AGAP004742-PB,AGAP004742-PA	N5(Deamidated), M8(Oxidation),M8(Oxidation)	85	3.03E-08	2	1272.598	3.71	Salivary gland	2L:-:3003949-3003914;2L:-:3003949-3003914	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_101560	YYTNLADELVK	AGAP004742-PB,AGAP004742-PA	-	68	2.13E-06	1	1328.678	3.29	Head	2L:-:3000997-3000965;2L:-:3000997-3000965	exon=> In CDS Exon 4 of transcript AGAP004742-PB;exon=> In CDS Exon 5 of transcript AGAP004742-PA
JHU_Ag_101648	LPIEVR	AGAP004742-PB,AGAP004742-PA	-	36	0.000492079	2	726.449	-2.24	Head	2L:-:3003778-3003761;2L:-:3003778-3003761	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_103662	VVQQMGDKVAAR	AGAP004742-PB,AGAP004742-PA	M5(Oxidation)	85	5.01E-08	1	1301.703	2.72	Malpighian tubule	2L:-:3004192-3004157;2L:-:3004192-3004157	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_104687	VISHASDLQSSAAK	AGAP004742-PB,AGAP004742-PA	-	39	0.001465504	2	1413.732	-0.93	Pupa	2L:-:3003340-3003299;2L:-:3003340-3003299	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_104818	LLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	-	71	2.61E-07	1	2113.189	-0.78	Midgut	2L:-:3003127-3003068;2L:-:3003127-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_105293	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	116	1.76E-11	1	1642.918	1.01	Salivary gland	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_106448	LLLMDTTFR	AGAP004742-PB,AGAP004742-PA	M4(Oxidation)	56	2.47E-05	2	1125.603	5.22	Larva	2L:-:3001559-3001533;2L:-:3001559-3001533	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA

JHU_Ag_106731	SVVEFLQGAIGTPHGGFPEPLRSR	AGAP004742-PB,AGAP004742-PA	-	125	2.56E-12	1	2551.333	-3.28	Malpighian tubule	2L:-:3000260-3000189;2L:-:3000260-3000189	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_107269	VVEIAPAPRLPIEVR	AGAP004742-PB,AGAP004742-PA	-	49	6.65E-06	1	1659.002	4.25	Malpighian tubule	2L:-:3003805-3003761;2L:-:3003805-3003761	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_107296	ENDVDAVHPGYGFLSER	AGAP004742-PB,AGAP004742-PA	-	110	1.40E-10	1	1904.883	2.99	Malpighian tubule	2L:-:3004379-3004703,3003022-3004253;2L:-:3004379-3004703,3003022-3004253	exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP004742-PA
JHU_Ag_107448	TLDISNGMKLEGEDLLLTLE	AGAP004742-PB,AGAP004742-PA	M8(Oxidation)	72	6.57E-07	1	2220.145	5.92	Malpighian tubule	2L:-:2999527-2999468;2L:-:2999527-2999468	exon=> In CDS Exon 6 of transcript AGAP004742-PB;exon=> In CDS Exon 7 of transcript AGAP004742-PA
JHU_Ag_107820	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	93	2.84E-09	1	1642.919	1.31	Ovary	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_110491	TLYAPFECTTTMK	AGAP004742-PB,AGAP004742-PA	C8(Carbamidomethyl),M12(Oxidation),C8(Carbamidomethyl)	87	2.62E-08	1	1578.726	4.9	Malpighian tubule	2L:-:3000560-3000522;2L:-:3000560-3000522	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_110584	GANAVGYTNYPDNVVYK	AGAP004742-PB,AGAP004742-PA	-	60	1.47E-05	2	1844.879	-1.19	Male reproductive organs	2L:-:3001313-3001263;2L:-:3001313-3001263	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_111212	FLNGVLDTYFIDEHPQLFR	AGAP004742-PB,AGAP004742-PA	N3(Deamidated)	73	8.25E-07	1	2325.159	1.8	Malpighian tubule	2L:-:3003214-3003158;2L:-:3003214-3003158	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_111410	FLHECPWER	AGAP004742-PB,AGAP004742-PA	C5(Carbamidomethyl)	39	0.001052344	1	1273.582	2.55	Malpighian tubule	2L:-:3001394-3001368;2L:-:3001394-3001368	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_111448	GLAPVEAYLSIPEIIR	AGAP004742-PB,AGAP004742-PA	-	83	1.65E-08	2	1740.999	5.41	Visceras	2L:-:3004436-3004389;2L:-:3004436-3004389	exon=> In CDS Exon 1 of transcript AGAP004742-PB;exon=> In CDS Exon 1 of transcript AGAP004742-PA
JHU_Ag_112226	TNIPFLLNVLENQK	AGAP004742-PB,AGAP004742-PA	-	114	2.47E-11	1	1642.922	3.32	Visceras	2L:-:3003256-3003215;2L:-:3003256-3003215	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_112331	ISPFVAHK	AGAP004742-PB,AGAP004742-PA	-	46	0.000157949	1	898.516	1.18	Head	2L:-:3001478-3001455;2L:-:3001478-3001455	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_113385	IEGRPGAQLAPLDFDALK	AGAP004742-PB,AGAP004742-PA	-	31	0.005242241	1	1911.042	4.28	Malpighian tubule	2L:-:3000167-3000114;2L:-:3000167-3000114	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA

JHU_Ag_113462	VVGDLAQFMVQNHLTADQVLERAEELSFPK	AGAP004742-PB,AGAP004742-PA	M9(Oxidation)	106	2.05E-10	1	3400.744	6.69	Malpighian tubule	2L:-:3000350-3000261;2L:-:3000350-3000261	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_113870	LLNYLGEVLVNGPTTPLATK	AGAP004742-PB,AGAP004742-PA	-	99	4.06E-10	1	2113.187	-1.77	Head	2L:-:3003127-3003068;2L:-:3003127-3003068	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_113885	HQKVVEIAPAPR	AGAP004742-PB,AGAP004742-PA	-	42	0.000201015	1	1344.778	2.71	Malpighian tubule	2L:-:3003814-3003779;2L:-:3003814-3003779	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_114608	VVGDLAQFMVQNHLTADQVLER	AGAP004742-PB,AGAP004742-PA	M9(Oxidation)	114	5.24E-11	1	2499.283	6.83	Malpighian tubule	2L:-:3000350-3000285;2L:-:3000350-3000285	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_115254	EANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	68	8.24E-07	1	1198.707	2.58	Malpighian tubule	2L:-:3000401-3000369;2L:-:3000401-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_115341	EANLLLGDIIK	AGAP004742-PB,AGAP004742-PA	-	69	7.03E-07	1	1198.704	-0.07	Ovary	2L:-:3000401-3000369;2L:-:3000401-3000369	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_115538	DAHQSLLATR	AGAP004742-PB,AGAP004742-PA	-	51	8.83E-05	1	1111.589	2.86	Midgut	2L:-:3001532-3001503;2L:-:3001532-3001503	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_115647	KMDEVEDNFMR	AGAP004742-PB,AGAP004742-PA	M2(Oxidation),"M2(Oxidation), M10(Oxidation)"	58	7.17E-06	1	1445.607	2.57	Malpighian tubule	2L:-:3004000-3003968;2L:-:3004000-3003968	exon=> In CDS Exon 2 of transcript AGAP004742-PB;exon=> In CDS Exon 2 of transcript AGAP004742-PA
JHU_Ag_116094	IEGRPGAQLAPLDFDALK	AGAP004742-PB,AGAP004742-PA	-	60	6.33E-06	1	1911.036	1.4	Visceras	2L:-:3000167-3000114;2L:-:3000167-3000114	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_116328	SLQESHPDVQDRDVMSAALYPQVTNDFLNFR	AGAP004742-PB,AGAP004742-PA	M15(Oxidation)	93	6.20E-09	1	3608.714	1.71	Visceras	2L:-:3000110-3000018;2L:-:3000110-3000018	exon=> In CDS Exon 5 of transcript AGAP004742-PB;exon=> In CDS Exon 6 of transcript AGAP004742-PA
JHU_Ag_116533	LLLMDTTFR	AGAP004742-PB,AGAP004742-PA	-	36	0.002356521	2	1109.602	0.06	Head	2L:-:3001559-3001533;2L:-:3001559-3001533	exon=> In CDS Exon 3 of transcript AGAP004742-PB;exon=> In CDS Exon 4 of transcript AGAP004742-PA
JHU_Ag_7273	HEQDYMHVR	AGAP004743-PA	M6(Oxidation)	34	0.002040524	1	1230.532	-0.29	Midgut	2L:+:3020904-3020924,3020985-3020990	exon=> In CDS Exon 3 and 4 of transcript AGAP004743-PA
JHU_Ag_7446	GTVGAVNEGEAGHTK	AGAP004743-PA	-	51	0.000113407	2	1426.697	3.6	Head	2L:+:3020811-3020855	exon=> In CDS Exon 3 of transcript AGAP004743-PA
JHU_Ag_21780	ELSGTLTSIK	AGAP004743-PA	-	42	0.000558177	2	1048.589	0.04	Male reproductive organs	2L:+:3020874-3020903	exon=> In CDS Exon 3 of transcript AGAP004743-PA
JHU_Ag_25359	VVMFSMEIGEAPK	AGAP004743-PA	M3(Oxidation), M6(Oxidation)	78	1.82E-07	2	1469.701	-0.07	Male reproductive organs	2L:+:3020772-3020810	exon=> In CDS Exon 3 of transcript AGAP004743-PA
JHU_Ag_38031	VVMFSMEIGEAPK	AGAP004743-PA	M3(Oxidation), M6(Oxidation)	85	3.87E-08	2	1469.701	-0.4	Midgut	2L:+:3020772-3020810	exon=> In CDS Exon 3 of transcript AGAP004743-PA

JHU_Ag_44394	SINESTNSR	AGAP004743-PA	-	51	0.000122848	2	1007.476	0.49	Male reproductive organs	2L:+:3021006-3021032	exon=> In CDS Exon 4 of transcript AGAP004743-PA
JHU_Ag_53226	VIYQGEKESSGK	AGAP004743-PA	-	42	0.001034647	1	1324.674	-0.65	Midgut	2L:+:3020588-3020623	exon=> In CDS Exon 2 of transcript AGAP004743-PA
JHU_Ag_54041	GYFITVDPHSEECFFDR	AGAP004743-PA	C13(Carbamidomethyl)	92	4.79E-09	1	2118.927	1.85	Midgut	2L:+:3020351-3020401	exon=> In CDS Exon 1 of transcript AGAP004743-PA
JHU_Ag_56433	ELSGTLTSIKHEQDYMHVR	AGAP004743-PA	M16(Oxidation)	104	6.33E-10	1	2260.105	1.09	Male reproductive organs	2L:+:3020874-3020924,3020985-3020990	exon=> In CDS Exon 3 and 4 of transcript AGAP004743-PA
JHU_Ag_61240	GTVGAVNEGEAGHTKLEDMIR	AGAP004743-PA	M19(Oxidation)	65	4.61E-06	1	2200.063	-1.76	Midgut	2L:+:3020811-3020873	exon=> In CDS Exon 3 of transcript AGAP004743-PA
JHU_Ag_66904	ELSGTLTSIKHEQDYMHVR	AGAP004743-PA	M16(Oxidation)	72	9.89E-07	1	2260.100	-1.02	Midgut	2L:+:3020874-3020924,3020985-3020990	exon=> In CDS Exon 3 and 4 of transcript AGAP004743-PA
JHU_Ag_73451	GTVGAVNEGEAGHTK	AGAP004743-PA	-	86	3.87E-08	1	1426.691	-0.5	Midgut	2L:+:3020811-3020855	exon=> In CDS Exon 3 of transcript AGAP004743-PA
JHU_Ag_80337	ELSGTLTSIKHEQDYMHVR	AGAP004743-PA	M16(Oxidation)	55	5.67E-05	1	2260.108	2.47	Larva	2L:+:3020874-3020924,3020985-3020990	exon=> In CDS Exon 3 and 4 of transcript AGAP004743-PA
JHU_Ag_99959	VVMFSMEIGEAPK	AGAP004743-PA	-	47	0.000280624	2	1437.720	5.85	Malpighian tubule	2L:+:3020772-3020810	exon=> In CDS Exon 3 of transcript AGAP004743-PA
JHU_Ag_109575	GYFITVDPHSEECFFDR	AGAP004743-PA	C13(Carbamidomethyl)	51	6.08E-05	2	2118.927	1.85	Malpighian tubule	2L:+:3020351-3020401	exon=> In CDS Exon 1 of transcript AGAP004743-PA
JHU_Ag_114986	ELSGTLTSIK	AGAP004743-PA	-	34	0.003012012	1	1048.587	-1.06	Midgut	2L:+:3020874-3020903	exon=> In CDS Exon 3 of transcript AGAP004743-PA
JHU_Ag_1943	IITSDPKVHAILVNIFGGIMR	AGAP004744-PA	-	94	8.70E-10	1	2294.310	2	Visceras	2L:+:3025083-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_2086	MINQLLVTK	AGAP004744-PA	M1(Oxidation)	52	3.74E-05	2	1075.617	-0.75	Midgut	2L:+:3023134-3023160	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_4841	MRFDDNAEFR	AGAP004744-PA	M1(Oxidation)	59	8.18E-06	1	1300.575	0.79	Malpighian tubule	2L:+:3024819-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_5511	VVFSPQEAEDISGK	AGAP004744-PA	-	115	4.88E-11	1	1505.751	1.81	Pupa	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_6108	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	97	3.04E-09	1	1810.914	2.92	Male reproductive organs	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_6385	MLLNMYDLFVKK	AGAP004744-PA	M1(Oxidation)	74	5.45E-07	1	1514.814	1.97	Malpighian tubule	2L:+:3023587-3023622	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_6492	LQGTNVNEAK	AGAP004744-PA	-	47	0.000357107	1	1073.559	-0.02	Salivary gland	2L:+:3025218-3025247	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_7311	MLLNMYDLFVK	AGAP004744-PA	M1(Oxidation), M5(Oxidation)	47	0.000414345	2	1418.710	2.73	Larva	2L:+:3023587-3023619	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_7484	KVGLNDK	AGAP004744-PA	-	46	0.000623616	1	773.452	0.6	Head	2L:+:3023548-3023568	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_7500	FDDNAEFRQK	AGAP004744-PA	-	70	1.15E-06	1	1269.589	2.09	Ovary	2L:+:3024825-3024854	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_8368	DALLIEINPYAEDAAETYFALDAK	AGAP004744-PA	-	43	0.000739054	3	2656.301	-0.56	Midgut	2L:+:3023623-3023674,3024799-3024818	exon=> In CDS Exon 6 and 7 of transcript AGAP004744-PA
JHU_Ag_9156	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl), M6(Oxidation),C2(Carbamidomethyl)	77	2.75E-07	1	1194.560	-0.63	Visceras	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_9465	VVFSPQEAEDISGK	AGAP004744-PA	-	115	4.93E-11	1	1505.751	1.81	Head	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA

JHU_Ag_9560	LQGTNVNEAKELIK	AGAP004744-PA	-	112	5.48E-11	1	1556.866	1.32	Malpighian tubule	2L:+:3025218-3025259	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_10965	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	108	2.38E-10	1	1810.915	3.86	Ovary	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_11099	VVFSPQEAEDISGK	AGAP004744-PA	-	117	3.82E-11	1	1505.749	0.6	Malpighian tubule	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_11668	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl), M6(Oxidation)	66	3.78E-06	2	1194.564	2.84	Larva	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_12643	VVFSPQEAEDISGK	AGAP004744-PA	-	115	5.87E-11	1	1505.753	3.11	Ovary	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_13287	MINQLLVTK	AGAP004744-PA	M1(Oxidation)	60	5.75E-06	2	1075.618	0.27	Salivary gland	2L:+:3023134-3023160	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_15445	FGVATSGAEAK	AGAP004744-PA	-	70	1.67E-06	1	1037.526	-0.68	Pupa	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_15816	LQGTNVNEAK	AGAP004744-PA	-	54	6.79E-05	2	1073.559	0.71	Visceras	2L:+:3025218-3025247	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_15904	EQAVQVAK	AGAP004744-PA	-	54	6.10E-05	2	872.484	0.46	Visceras	2L:+:3023455-3023469,3023539-3023547	exon=> In CDS Exon 5 and 6 of transcript AGAP004744-PA
JHU_Ag_16230	MLLNMYDLFVK	AGAP004744-PA	M1(Oxidation), M5(Oxidation),M1(Oxidation)	61	1.31E-05	2	1402.716	3.75	Pupa	2L:+:3023587-3023619	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_16467	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	113	7.36E-11	1	1810.910	0.79	Midgut	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_17023	DALLIEINPYAEDAAETYFALDAK	AGAP004744-PA	-	48	0.000233544	3	2656.295	-3.18	Ovary	2L:+:3023623-3023674,3024799-3024818	exon=> In CDS Exon 6 and 7 of transcript AGAP004744-PA
JHU_Ag_17477	GLQKEQAVQVAK	AGAP004744-PA	-	42	0.000403928	1	1298.747	2.9	Ovary	2L:+:3023443-3023469,3023539-3023547	exon=> In CDS Exon 5 and 6 of transcript AGAP004744-PA
JHU_Ag_18298	GLQKEQAVQVAK	AGAP004744-PA	-	55	2.18E-05	1	1298.742	-0.45	Pupa	2L:+:3023443-3023469,3023539-3023547	exon=> In CDS Exon 5 and 6 of transcript AGAP004744-PA
JHU_Ag_18366	FGVATSGAEAK	AGAP004744-PA	-	73	8.71E-07	2	1037.526	-0.32	Ovary	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_19407	LQGTNVNEAK	AGAP004744-PA	-	63	8.35E-06	2	1073.556	-2.36	Head	2L:+:3025218-3025247	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_19712	EAHLDVSFELPDSYVV	AGAP004744-PA	-	36	0.003915848	1	1819.872	-1.62	Pupa	2L:+:3025350-3025397	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_20101	VGLNDKVEETAK	AGAP004744-PA	-	65	5.19E-06	1	1302.690	-0.31	Salivary gland	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_22095	EAHLDVSFELPDSYVV	AGAP004744-PA	-	65	5.09E-06	1	1819.876	0.6	Malpighian tubule	2L:+:3025350-3025397	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_23193	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	127	2.82E-12	1	1810.913	2.38	Malpighian tubule	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_23784	MRFDDNAEFR	AGAP004744-PA	M1(Oxidation)	46	0.00010809	1	1316.563	-4.26	Head	2L:+:3024819-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_25440	MLLNMYDLFVKK	AGAP004744-PA	-	40	0.001141223	1	1514.811	-0.2	Visceras	2L:+:3023587-3023622	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_26354	AQVLAGGR	AGAP004744-PA	-	46	0.000139575	2	771.448	1.64	Ovary	2L:+:3022953-3022976	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_27041	REFYFAVMMER	AGAP004744-PA	M8(Oxidation), M9(Oxidation)	52	6.61E-05	1	1510.682	0.11	Salivary gland	2L:+:3023224-3023256	exon=> In CDS Exon 4 of transcript AGAP004744-PA

JHU_Ag_27200	MRFDDNAEFR	AGAP004744-PA	M1(Oxidation)	50	6.41E-05	1	1300.573	-0.99	Midgut	2L:+:3024819-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_27543	LQGTNVNEAKELIK	AGAP004744-PA	-	48	0.00010942	1	1556.868	2.42	Ovary	2L:+:3025218-3025259	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_27921	AQVLAGGR	AGAP004744-PA	-	47	0.000187907	1	771.447	0.13	Malpighian tubule	2L:+:3022953-3022976	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_27939	KIATDLNTK	AGAP004744-PA	-	51	5.45E-05	1	1003.577	-1.19	Male reproductive organs	2L:+:3022911-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_27982	MLLNMYDLFVKK	AGAP004744-PA	M1(Oxidation)	38	0.002128583	1	1530.808	1.05	Pupa	2L:+:3023587-3023622	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_29309	FGVATSGAEAK	AGAP004744-PA	-	76	4.12E-07	2	1037.527	0.5	Malpighian tubule	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_30325	IATDLNTK	AGAP004744-PA	-	37	0.002879611	1	875.483	-0.67	Midgut	2L:+:3022914-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_31098	LQGTNVNEAK	AGAP004744-PA	-	62	1.07E-05	1	1073.558	-0.65	Malpighian tubule	2L:+:3025218-3025247	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_33051	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	122	8.85E-12	1	1810.911	1.7	Pupa	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_35246	CDVIAEGIIQATK	AGAP004744-PA	C1(Carbamidomethyl)	104	6.99E-10	2	1417.735	-0.24	Midgut	2L:+:3025146-3025184	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_35464	IATDLNTK	AGAP004744-PA	-	44	0.000546177	1	875.484	1.15	Salivary gland	2L:+:3022914-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_35639	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl), M6(Oxidation)	74	5.02E-07	1	1194.563	2.12	Ovary	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_35647	AFNGPVLIASSQGGVNIEEVAAENPDAIVYEPIDINK	AGAP004744-PA	-	57	1.43E-05	1	3853.965	3.92	Head	2L:+:3023257-3023265,3023341-3023442	exon=> In CDS Exon 4 and 5 of transcript AGAP004744-PA
JHU_Ag_36522	MRFDDNAEFR	AGAP004744-PA	M1(Oxidation)	73	3.64E-07	1	1300.573	-0.71	Visceras	2L:+:3024819-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_37349	ILPKDDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M12(Oxidation)	96	7.44E-10	1	2784.526	6.63	Salivary gland	2L:+:3025275-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_37425	KIATDLNTK	AGAP004744-PA	-	65	1.96E-06	1	1003.577	-0.82	Malpighian tubule	2L:+:3022911-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_38315	EQAVQVAK	AGAP004744-PA	-	59	2.17E-05	2	872.483	-1.21	Head	2L:+:3023455-3023469,3023539-3023547	exon=> In CDS Exon 5 and 6 of transcript AGAP004744-PA
JHU_Ag_38470	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl), M6(Oxidation)	56	3.43E-05	2	1194.562	0.9	Male reproductive organs	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_39342	DDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	-	140	1.04E-13	1	2317.202	2.02	Visceras	2L:+:3025287-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_41128	ILPKDDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M12(Oxidation)	125	1.10E-12	1	2784.510	0.75	Ovary	2L:+:3025275-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_41652	MLLNMYDLFVK	AGAP004744-PA	M5(Oxidation),"M1(Oxidation), M5(Oxidation)",M1(Oxidation)	76	2.95E-07	1	1386.720	2.5	Head	2L:+:3023587-3023619	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_44228	VGLNDKVEETAK	AGAP004744-PA	-	102	1.16E-09	1	1302.690	-0.32	Visceras	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_45172	CDVIAEGIIQATK	AGAP004744-PA	C1(Carbamidomethyl)	104	7.89E-10	1	1417.736	0.11	Malpighian tubule	2L:+:3025146-3025184	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_46011	MLLNMYDLFVK	AGAP004744-PA	M1(Oxidation), M5(Oxidation),M1(Oxidation)	84	5.46E-08	1	1386.719	2.06	Visceras	2L:+:3023587-3023619	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_46157	EAHLDVSFELPDSYVV	AGAP004744-PA	-	73	8.71E-07	1	1819.876	0.66	Ovary	2L:+:3025350-3025397	exon=> In CDS Exon 7 of transcript AGAP004744-PA

JHU_Ag_48641	FGVATSGAEAKK	AGAP004744-PA	-	63	5.25E-06	1	1165.620	-1.12	Malpighian tubule	2L:+:3022878-3022913	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_48920	VGLNDKVEETAK	AGAP004744-PA	-	97	3.37E-09	1	1302.689	-0.51	Pupa	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_49760	FDDNAEFR	AGAP004744-PA	-	35	0.001368037	1	1013.430	-2.09	Male reproductive organs	2L:+:3024825-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_50081	DDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M8(Oxidation)	181	7.72E-18	1	2333.201	3.85	Head	2L:+:3025287-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_50099	DDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M8(Oxidation)	92	7.05E-09	1	2333.193	0.47	Malpighian tubule	2L:+:3025287-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_51488	VVFSPQEAEDISGKMINQLLVTK	AGAP004744-PA	M15(Oxidation)	88	1.03E-08	1	2562.358	3.76	Malpighian tubule	2L:+:3023019-3023029,3023103-3023160	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_52898	KIATDLNTK	AGAP004744-PA	-	42	0.000549376	2	1003.579	1.17	Visceras	2L:+:3022911-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_53260	MINQLLVTK	AGAP004744-PA	M1(Oxidation)	53	3.32E-05	1	1075.619	0.79	Head	2L:+:3023134-3023160	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_53392	EAHLDVSFELPDSYVV	AGAP004744-PA	-	51	0.000115353	1	1819.877	0.86	Head	2L:+:3025350-3025397	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_53444	MLLNMYDLFVKK	AGAP004744-PA	M1(Oxidation)	71	9.78E-07	2	1530.810	2.4	Midgut	2L:+:3023587-3023622	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_54087	EAHLDVSFELPDSYVV	AGAP004744-PA	-	61	1.43E-05	1	1819.880	2.81	Visceras	2L:+:3025350-3025397	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_54363	AQVLAGGR	AGAP004744-PA	-	40	0.00093744	2	771.447	-0.34	Head	2L:+:3022953-3022976	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_54958	DLSQEDKK	AGAP004744-PA	-	43	0.000835084	1	962.479	0.49	Midgut	2L:+:3024873-3024896	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_55253	DDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M8(Oxidation)	59	1.27E-05	1	2333.195	1.2	Salivary gland	2L:+:3025287-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_55371	VVFSPQEAEDISGK	AGAP004744-PA	-	119	2.13E-11	1	1505.749	0.27	Midgut	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_55482	VHAILVNIFGGIMR	AGAP004744-PA	M13(Oxidation)	63	1.98E-06	1	1555.883	3.12	Salivary gland	2L:+:3025104-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_56066	CDVIAEGIIQATK	AGAP004744-PA	C1(Carbamidomethyl)	82	9.84E-08	2	1417.740	3.03	Salivary gland	2L:+:3025146-3025184	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_56876	VHAILVNIFGGIMR	AGAP004744-PA	M13(Oxidation)	118	6.76E-12	1	1555.882	2.77	Head	2L:+:3025104-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_57210	VHAILVNIFGGIMR	AGAP004744-PA	-	65	1.30E-06	2	1539.889	4.1	Ovary	2L:+:3025104-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_58503	REFYFAVMMER	AGAP004744-PA	M8(Oxidation), M9(Oxidation),M8(Oxidation)	57	2.22E-05	1	1510.681	-0.86	Malpighian tubule	2L:+:3023224-3023256	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_59488	CDVIAEGIIQATKELNIK	AGAP004744-PA	C1(Carbamidomethyl)	59	9.75E-06	1	2015.098	6.73	Malpighian tubule	2L:+:3025146-3025199	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_59843	EFYFAVMMER	AGAP004744-PA	M8(Oxidation),M7(Oxidation)	72	4.74E-07	2	1338.584	-1.3	Midgut	2L:+:3023227-3023256	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_59861	MINQLLVTK	AGAP004744-PA	M1(Oxidation)	65	1.68E-06	1	1059.625	1.35	Malpighian tubule	2L:+:3023134-3023160	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_59888	CDVIAEGIIQATK	AGAP004744-PA	C1(Carbamidomethyl)	73	8.78E-07	2	1417.736	0.54	Pupa	2L:+:3025146-3025184	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_60196	IATDLNTKNLVLK	AGAP004744-PA	-	94	6.64E-10	1	1442.859	1.06	Malpighian tubule	2L:+:3022914-3022952	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_61357	VGLNDKVEETAK	AGAP004744-PA	-	93	8.96E-09	1	1302.689	-0.7	Head	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA

JHU_Ag_62249	KIATDLNTK	AGAP004744-PA	-	66	1.61E-06	1	1003.578	-0.05	Salivary gland	2L:+:3022911-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_62502	ILPKDDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M12(Oxidation)	34	0.001362419	1	2784.523	5.49	Larva	2L:+:3025275-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_62774	FDDNAEFR	AGAP004744-PA	-	49	6.26E-05	2	1013.432	-0.41	Salivary gland	2L:+:3024825-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_64527	FGVATSGAEAK	AGAP004744-PA	-	59	2.07E-05	2	1037.526	-0.21	Salivary gland	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_64716	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	101	1.30E-09	1	1810.913	2.38	Visceras	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_66595	REFYFAVMMER	AGAP004744-PA	-	53	6.36E-05	1	1478.691	-0.36	Visceras	2L:+:3023224-3023256	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_67140	FDDNAEFRQK	AGAP004744-PA	-	75	3.04E-07	1	1269.586	0.07	Malpighian tubule	2L:+:3024825-3024854	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_67287	VVFSPQEAEDISGKMINQLLVTK	AGAP004744-PA	M15(Oxidation)	34	0.002665932	1	2562.359	4.19	Ovary	2L:+:3023019-3023029,3023103-3023160	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_68604	MINQLLVTK	AGAP004744-PA	M1(Oxidation)	54	2.56E-05	2	1075.617	-0.87	Male reproductive organs	2L:+:3023134-3023160	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_70108	VHAILVNIFGGIMR	AGAP004744-PA	M13(Oxidation)	111	3.41E-11	1	1539.884	0.85	Midgut	2L:+:3025104-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_70225	EFYFAVMMER	AGAP004744-PA	M8(Oxidation)	41	0.000570563	2	1338.587	0.89	Head	2L:+:3023227-3023256	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_70403	VHAILVNIFGGIMR	AGAP004744-PA	-	37	0.000726206	1	1539.886	1.91	Malpighian tubule	2L:+:3025104-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_70558	FGVATSGAEAK	AGAP004744-PA	-	79	2.08E-07	2	1037.526	-0.56	Midgut	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_70989	FDDNAEFR	AGAP004744-PA	-	48	7.15E-05	2	1013.431	-1.44	Midgut	2L:+:3024825-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_71295	KIATDLNTK	AGAP004744-PA	-	54	2.85E-05	2	1003.578	-0.11	Midgut	2L:+:3022911-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_71948	VVFSPQEAEDISGK	AGAP004744-PA	-	118	2.87E-11	1	1505.749	0.36	Salivary gland	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_72231	CDVIAEGIIQATK	AGAP004744-PA	C1(Carbamidomethyl)	111	1.36E-10	2	1417.739	2.43	Head	2L:+:3025146-3025184	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_72677	MPIIVR	AGAP004744-PA	-	35	0.001671814	2	728.449	-0.02	Head	2L:+:3025200-3025217	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_72849	DALLIEINPYAEDAAETYFALDAK	AGAP004744-PA	-	60	1.39E-05	3	2656.308	1.78	Head	2L:+:3023623-3023674,3024799-3024818	exon=> In CDS Exon 6 and 7 of transcript AGAP004744-PA
JHU_Ag_73248	FGVATSGAEAK	AGAP004744-PA	-	80	1.55E-07	2	1037.528	2.03	Male reproductive organs	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_73446	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M6(Oxidation)"	76	4.02E-07	2	1194.559	-1.66	Salivary gland	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_74041	VGLNDKVEETAK	AGAP004744-PA	-	97	3.47E-09	1	1302.690	0.15	Malpighian tubule	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_74700	DALLIEINPYAEDAAETYFALDAK	AGAP004744-PA	-	137	3.04E-13	1	2656.304	0.54	Malpighian tubule	2L:+:3023623-3023674,3024799-3024818	exon=> In CDS Exon 6 and 7 of transcript AGAP004744-PA
JHU_Ag_75029	ILPKDDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M12(Oxidation)	99	5.55E-10	1	2784.506	-0.56	Midgut	2L:+:3025275-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_75283	FDDNAEFR	AGAP004744-PA	-	55	1.59E-05	2	1013.435	2.36	Malpighian tubule	2L:+:3024825-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA

JHU_Ag_75494	VVFSPQEAEDISGK	AGAP004744-PA	-	101	1.36E-09	1	1505.750	1.25	Visceras	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_76641	VHAILVNIFGGIMR	AGAP004744-PA	M13(Oxidation)	99	4.92E-10	2	1539.886	1.96	Visceras	2L:+:3025104-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_77777	MLLNMYDLFVK	AGAP004744-PA	M1(Oxidation), M5(Oxidation),M1(Oxidation)	54	7.32E-05	1	1418.709	2.04	Malpighian tubule	2L:+:3023587-3023619	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_77985	ILPKDDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M12(Oxidation)	169	4.44E-17	1	2784.513	1.98	Head	2L:+:3025275-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_78550	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl), M6(Oxidation),C2(Carbamidomethyl)	78	2.06E-07	1	1194.560	-0.12	Malpighian tubule	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_78689	AFNGPVLIASSQGGVNIEEVAAENPDAIVYEPIDINK	AGAP004744-PA	-	157	1.15E-15	1	3853.968	4.67	Malpighian tubule	2L:+:3023257-3023265,3023341-3023442	exon=> In CDS Exon 4 and 5 of transcript AGAP004744-PA
JHU_Ag_79421	IATDLNTK	AGAP004744-PA	-	58	2.34E-05	1	875.482	-1.36	Head	2L:+:3022914-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_79817	AQVLAGGR	AGAP004744-PA	-	40	0.000703379	1	771.447	-0.72	Midgut	2L:+:3022953-3022976	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_79853	MRFDDNAEFR	AGAP004744-PA	-	29	0.009167095	1	1300.577	2.01	Ovary	2L:+:3024819-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_80608	IITSDPK	AGAP004744-PA	-	34	0.004355165	1	773.440	-1.12	Head	2L:+:3025083-3025103	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_80616	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl), M6(Oxidation)	65	4.53E-06	1	1194.559	-1.76	Midgut	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_81828	EAFKIITSDPK	AGAP004744-PA	-	51	9.21E-05	1	1248.684	0.12	Malpighian tubule	2L:+:3025071-3025103	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_82246	IATDLNTK	AGAP004744-PA	-	43	0.000668858	1	875.484	0.73	Male reproductive organs	2L:+:3022914-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_83630	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	98	2.75E-09	1	1810.904	-2.55	Salivary gland	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_85662	GLQKEQAVQVAK	AGAP004744-PA	-	82	4.23E-08	1	1298.741	-1.14	Malpighian tubule	2L:+:3023443-3023469,3023539-3023547	exon=> In CDS Exon 5 and 6 of transcript AGAP004744-PA
JHU_Ag_86365	CDVIAEGIIQATK	AGAP004744-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), Q10(Deamidated)"	102	1.08E-09	2	1417.739	2.09	Visceras	2L:+:3025146-3025184	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_86497	MINQLLVTK	AGAP004744-PA	M1(Oxidation)	70	5.59E-07	1	1059.623	-0.27	Pupa	2L:+:3023134-3023160	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_88934	VGLNDKVEETAK	AGAP004744-PA	N4(Deamidated)	105	5.98E-10	1	1303.669	-3.88	Midgut	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_89403	REFYFAVMMER	AGAP004744-PA	M8(Oxidation), M9(Oxidation),M9(Oxidation)	64	4.39E-06	1	1510.681	-0.62	Head	2L:+:3023224-3023256	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_90770	AVKEAFK	AGAP004744-PA	-	44	0.000268125	2	792.462	0.09	Malpighian tubule	2L:+:3025062-3025082	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_91092	FDDNAEFR	AGAP004744-PA	-	57	1.03E-05	2	1013.432	-0.53	Pupa	2L:+:3024825-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_91981	VVFSPQEAEDISGK	AGAP004744-PA	-	86	4.69E-08	1	1505.750	0.84	Male reproductive organs	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_92135	RDLSQEDK	AGAP004744-PA	Q5(Deamidated)	48	0.000240915	1	990.481	-4.15	Head	2L:+:3024870-3024893	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_93174	FGVATSGAEAK	AGAP004744-PA	-	70	1.67E-06	2	1037.525	-1.5	Visceras	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA

JHU_Ag_95065	VVFSPQEAEDISGK	AGAP004744-PA	-	59	2.11E-05	2	1505.758	6.19	Larva	2L:+:3023019-3023029,3023103-3023133	exon=> In CDS Exon 3 and 4 of transcript AGAP004744-PA
JHU_Ag_95591	IITSDPKVHAILVNIFGGIMR	AGAP004744-PA	M20(Oxidation)	123	9.93E-13	1	2310.307	2.73	Malpighian tubule	2L:+:3025083-3025145	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_96888	DDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M8(Oxidation)	135	3.87E-13	1	2333.188	-1.49	Midgut	2L:+:3025287-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_97070	VGLNDKVEETAK	AGAP004744-PA	-	96	4.37E-09	1	1302.692	1.55	Male reproductive organs	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_97245	LQGTNVNEAK	AGAP004744-PA	-	47	0.000341 82	1	1073.558	-0.58	Male reproductive organs	2L:+:3025218-3025247	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_97635	MLLNMYDLFVK	AGAP004744-PA	M5(Oxidation),"M1(Oxidation), M5(Oxidation)",M1(Oxidation)	80	1.40E-07	1	1386.713	-2.16	Midgut	2L:+:3023587-3023619	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_99714	FGVATSGAEAKK	AGAP004744-PA	-	63	4.56E-06	1	1165.621	-0.18	Head	2L:+:3022878-3022913	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_99892	ILPKDDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M12(Oxidation)	144	1.30E-14	1	2768.520	2.54	Malpighian tubule	2L:+:3025275-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_100214	MPIIVR	AGAP004744-PA	M1(Oxidation)	43	0.000761 659	1	744.444	-0.16	Malpighian tubule	2L:+:3025200-3025217	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_100334	KDALLIEINPYAEDAAETYFALDAK	AGAP004744-PA	-	48	0.000213 621	3	2784.415	6.15	Malpighian tubule	2L:+:3023620-3023674,3024799-3024818	exon=> In CDS Exon 6 and 7 of transcript AGAP004744-PA
JHU_Ag_100585	IATDLNTK	AGAP004744-PA	-	61	9.96E-06	1	875.484	0.87	Malpighian tubule	2L:+:3022914-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_103043	ILPKDDLDEAAMLSVHLAQIVHLAR	AGAP004744-PA	M12(Oxidation)	138	5.37E-14	1	2768.523	3.6	Visceras	2L:+:3025275-3025349	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_103337	LHGGDPANFLDVGGGASVK	AGAP004744-PA	-	118	2.49E-11	1	1810.912	2.2	Head	2L:+:3025005-3025061	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_103648	KIATDLNTK	AGAP004744-PA	-	35	0.002346 211	1	1003.579	0.93	Head	2L:+:3022911-3022937	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_105056	EFYFAVMMER	AGAP004744-PA	M8(Oxidation),"M7(Oxidation), M8(Oxidation)"	52	5.13E-05	2	1338.592	4.62	Malpighian tubule	2L:+:3023227-3023256	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_105450	EQAVQVAK	AGAP004744-PA	-	40	0.001368 888	1	872.486	2.23	Male reproductive organs	2L:+:3023455-3023469,3023539-3023547	exon=> In CDS Exon 5 and 6 of transcript AGAP004744-PA
JHU_Ag_105552	FGVATSGAEAK	AGAP004744-PA	-	82	1.01E-07	2	1037.524	-2.21	Head	2L:+:3022878-3022910	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_106537	AFNGPVLIASSQGGVNIEEVAAENPDAIVYEPIDINKGLQK	AGAP004744-PA	-	113	2.33E-11	1	4280.219	2.45	Malpighian tubule	2L:+:3023257-3023265,3023341-3023454	exon=> In CDS Exon 4 and 5 of transcript AGAP004744-PA
JHU_Ag_107879	MLLNMYDLFVKK	AGAP004744-PA	-	68	2.07E-06	1	1514.815	2.52	Ovary	2L:+:3023587-3023622	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_108540	DLSQEDKK	AGAP004744-PA	-	41	0.001447 164	1	962.478	-1.35	Malpighian tubule	2L:+:3024873-3024896	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_108735	EQAVQVAK	AGAP004744-PA	-	47	0.000293 173	2	872.484	-0.1	Malpighian tubule	2L:+:3023455-3023469,3023539-3023547	exon=> In CDS Exon 5 and 6 of transcript AGAP004744-PA
JHU_Ag_110016	FGVATSGAEAKK	AGAP004744-PA	-	41	0.000970 501	1	1165.621	-0.43	Pupa	2L:+:3022878-3022913	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_110685	VGLNDKVEETAK	AGAP004744-PA	-	102	1.01E-09	1	1302.692	1.83	Ovary	2L:+:3023551-3023586	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_110814	FDDNAEFR	AGAP004744-PA	-	66	1.28E-06	2	1013.432	-0.65	Visceras	2L:+:3024825-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA

JHU_Ag_113478	MINQLLVTK	AGAP004744-PA	-	43	0.000332 29	2	1059.623	-0.5	Visceras	2L:+:3023134-3023160	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_113550	MRFDDNAEFR	AGAP004744-PA	M1(Oxidation)	42	0.000421 682	1	1300.573	-0.71	Pupa	2L:+:3024819-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_114075	ICNSVMVAER	AGAP004744-PA	C2(Carbamidomethyl), M6(Oxidation),"C2(Carbamidomethyl), N3(Deamidated), M6(Oxidation)",C2(Carbamidomethyl)	78	2.92E-07	2	1178.564	-1.44	Head	2L:+:3023182-3023211	exon=> In CDS Exon 4 of transcript AGAP004744-PA
JHU_Ag_114994	MLLNMYDLFVK	AGAP004744-PA	M1(Oxidation), M5(Oxidation)	54	8.33E-05	2	1418.712	4.19	Salivary gland	2L:+:3023587-3023619	exon=> In CDS Exon 6 of transcript AGAP004744-PA
JHU_Ag_116692	FDDNAEFR	AGAP004744-PA	-	64	2.04E-06	2	1013.431	-1.08	Head	2L:+:3024825-3024848	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_117026	AQVLAGGR	AGAP004744-PA	-	47	0.000111 637	1	771.448	0.45	Visceras	2L:+:3022953-3022976	exon=> In CDS Exon 3 of transcript AGAP004744-PA
JHU_Ag_117569	ELNIKMPIIVR	AGAP004744-PA	M6(Oxidation)	58	4.01E-06	1	1325.800	2.1	Malpighian tubule	2L:+:3025185-3025217	exon=> In CDS Exon 7 of transcript AGAP004744-PA
JHU_Ag_13765	LFKPHPLSVTIK	AGAP004746-PA,AGAP004746-PB	-	38	0.000106 884	1	1379.847	4.55	Malpighian tubule	2L:+:3032007-3032042;2L:+:3032007-3032042	exon=> In CDS Exon 3 of transcript AGAP004746-PA;exon=> In CDS Exon 4 of transcript AGAP004746-PB
JHU_Ag_25430	SQDEEIELVPVEEFYEQAPESVSRPEQTK	AGAP004746-PA,AGAP004746-PB	-	56	3.37E-05	1	3392.623	6.3	Head	2L:+:3031318-3031404;2L:+:3031318-3031404	exon=> In CDS Exon 2 of transcript AGAP004746-PA;exon=> In CDS Exon 2 of transcript AGAP004746-PB
JHU_Ag_32794	LFKPHPLSVTIK	AGAP004746-PA,AGAP004746-PB	-	28	0.001063 931	1	1379.840	-0.63	Salivary gland	2L:+:3032007-3032042;2L:+:3032007-3032042	exon=> In CDS Exon 3 of transcript AGAP004746-PA;exon=> In CDS Exon 4 of transcript AGAP004746-PB
JHU_Ag_49475	LQLQNLLYEAEHLKR	AGAP004746-PA,AGAP004746-PB	-	65	1.36E-06	1	1868.047	4.27	Ovary	2L:+:3031246-3031290;2L:+:3031246-3031290	exon=> In CDS Exon 2 of transcript AGAP004746-PA;exon=> In CDS Exon 2 of transcript AGAP004746-PB
JHU_Ag_50766	IKYQLQDLSIDINQLAR	AGAP004746-PA,AGAP004746-PB	-	35	0.001035 249	3	2031.133	4.5	Malpighian tubule	2L:+:3032265-3032315;2L:+:3032265-3032315	exon=> In CDS Exon 3 of transcript AGAP004746-PA;exon=> In CDS Exon 4 of transcript AGAP004746-PB
JHU_Ag_51560	NLGSPFLWVQK	AGAP004746-PA,AGAP004746-PB	-	45	0.000383 152	2	1288.706	0.84	Ovary	2L:+:3032331-3032363;2L:+:3032331-3032363	exon=> In CDS Exon 3 of transcript AGAP004746-PA;exon=> In CDS Exon 4 of transcript AGAP004746-PB
JHU_Ag_99317	LFKPHPLSVTIKIR	AGAP004746-PA,AGAP004746-PB	-	21	0.001592 319	1	1649.035	5.53	Malpighian tubule	2L:+:3032007-3032048;2L:+:3032007-3032048	exon=> In CDS Exon 3 of transcript AGAP004746-PA;exon=> In CDS Exon 4 of transcript AGAP004746-PB
JHU_Ag_99707	LEWELQQR	AGAP004746-PA,AGAP004746-PB	-	43	0.000632 564	2	1101.568	-0.45	Salivary gland	2L:+:3031435-3031458;2L:+:3031435-3031458	exon=> In CDS Exon 2 of transcript AGAP004746-PA;exon=> In CDS Exon 2 of transcript AGAP004746-PB
JHU_Ag_4063	EFIEVEDPYASR	AGAP004747-PA	-	62	8.40E-06	1	1454.677	-1.77	Midgut	2L:-:3036643-3036608	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_4248	FSVGAYSSTATLYMQVIR	AGAP004747-PA	-	64	5.62E-06	2	1994.006	0.33	Midgut	2L:-:3035436-3035383	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_4438	GILDLVANR	AGAP004747-PA	-	59	5.99E-06	2	970.572	4.26	Ovary	2L:-:3037351-3037325	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_4478	FLASLLELLEKPESVNTVIENLNK	AGAP004747-PA	-	61	1.39E-06	1	2713.517	5.33	Ovary	2L:-:3035169-3035098	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_8431	SSLIFEIIAR	AGAP004747-PA	-	67	8.99E-07	2	1148.670	2.52	Head	2L:-:3034389-3034360	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_8641	LVQSNETEQLVK	AGAP004747-PA	-	66	3.69E-06	2	1387.744	1.09	Head	2L:-:3034992-3034957	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_10795	GVPVGYNQSLVSQVGK	AGAP004747-PA	-	68	2.05E-06	1	1631.876	0.65	Ovary	2L:-:3034308-3034261	exon=> In CDS Exon 5 of transcript AGAP004747-PA

JHU_Ag_12705	AVYPNSGYSAETGGILSNLR	AGAP004747-PA	-	131	1.02E-12	1	2069.035	2.57	Visceras	2L:-:3037066-3037007	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_13868	GVPVGYNQSLVSQVGK	AGAP004747-PA	-	59	1.54E-05	1	1631.876	0.27	Midgut	2L:-:3034308-3034261	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_15216	YTTGIELITELLHK	AGAP004747-PA	-	73	2.98E-07	2	1630.916	6.87	Midgut	2L:-:3035376-3035335	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_16280	ATTEYDTLTACSVLLR	AGAP004747-PA	C11(Carbamidomethyl)	106	3.93E-10	2	1813.903	1.87	Ovary	2L:-:3036727-3036680	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_18291	HLFSFTDTCTAIVCHPDK	AGAP004747-PA	C9(Carbamidomethyl), C14(Carbamidomethyl)	71	1.03E-06	1	2148.987	1.43	Ovary	2L:-:3034215-3034162	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_22382	YLTDTSASPVQR	AGAP004747-PA	-	65	5.65E-06	2	1337.672	1.45	Head	2L:-:3036679-3036644	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_24164	SSLIFEIIAR	AGAP004747-PA	-	78	7.74E-08	2	1148.666	-1.31	Midgut	2L:-:3034389-3034360	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_27972	QVIDGAEWDATLLESAR	AGAP004747-PA	-	78	2.36E-07	2	1873.928	-0.79	Ovary	2L:-:3034440-3034390	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_28296	YLTDTSASPVQR	AGAP004747-PA	-	71	1.24E-06	2	1337.671	1	Pupa	2L:-:3036679-3036644	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_29908	YLTDTSASPVQR	AGAP004747-PA	-	66	4.41E-06	1	1337.670	0.09	Midgut	2L:-:3036679-3036644	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_30778	AVPSIKENER	AGAP004747-PA	-	53	5.78E-05	1	1142.620	3.13	Malpighian tubule	2L:-:3036038-3036009	exon=> In CDS Exon 2 of transcript AGAP004747-PA
JHU_Ag_31026	AVYPNSGYSAETGGILSNLR	AGAP004747-PA	-	111	1.01E-10	1	2069.039	4.34	Salivary gland	2L:-:3037066-3037007	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_31190	LVQSNETEQLVK	AGAP004747-PA	-	69	1.91E-06	2	1387.743	0.13	Midgut	2L:-:3034992-3034957	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_33799	YLTDTSASPVQR	AGAP004747-PA	-	75	4.53E-07	2	1337.674	3.1	Malpighian tubule	2L:-:3036679-3036644	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_34317	IEYPADEEDCGLLNVAWR	AGAP004747-PA	C10(Carbamidomethyl)	104	4.71E-10	1	2149.986	0.06	Ovary	2L:-:3036790-3036737	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_35213	LSELLASIAGGK	AGAP004747-PA	-	83	2.81E-08	2	1158.678	4.61	Ovary	2L:-:3036514-3036479	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_35745	SSLIFEIIAR	AGAP004747-PA	-	42	0.00030031	2	1148.670	1.99	Pupa	2L:-:3034389-3034360	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_37839	LVQSNETEQLVKR	AGAP004747-PA	-	76	2.20E-07	2	1543.850	3.96	Malpighian tubule	2L:-:3034992-3035628,3034544-3034880	exon=> In CDS Exon 4 and 3 of transcript AGAP004747-PA
JHU_Ag_38363	LVQSNETEQLVK	AGAP004747-PA	-	73	7.18E-07	2	1387.741	-1.19	Pupa	2L:-:3034992-3034957	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_38662	NNDALKPYSGVIVGLGSVESAFLFR	AGAP004747-PA	-	59	1.02E-05	1	2653.388	-3.8	Salivary gland	2L:-:3034843-3034769	exon=> In CDS Exon 4 of transcript AGAP004747-PA
JHU_Ag_40783	YTTGIELITELLHK	AGAP004747-PA	-	77	1.07E-07	2	1630.912	4.03	Ovary	2L:-:3035376-3035335	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_41896	GALPPFERPWQTPVEPLEESK	AGAP004747-PA	-	55	4.08E-05	1	2407.236	2.58	Head	2L:-:3036862-3036800	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_44098	ASNVVAAYK	AGAP004747-PA	-	53	6.52E-05	2	922.499	-0.24	Midgut	2L:-:3034588-3034562	exon=> In CDS Exon 4 of transcript AGAP004747-PA
JHU_Ag_46587	AVYPNSGYSAETGGILSNLR	AGAP004747-PA	-	183	7.96E-18	1	2069.035	2.57	Head	2L:-:3037066-3037007	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_46988	GILDLVANR	AGAP004747-PA	-	77	1.33E-07	2	970.568	0.1	Male reproductive organs	2L:-:3037351-3037325	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_47752	LVQSNETEQLVK	AGAP004747-PA	-	53	7.59E-05	2	1387.746	1.97	Malpighian tubule	2L:-:3034992-3034957	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_49404	LINEVAQVK	AGAP004747-PA	-	37	0.001145988	2	1013.598	-1.42	Male reproductive organs	2L:-:3035292-3035266	exon=> In CDS Exon 3 of transcript AGAP004747-PA

JHU_Ag_50398	EGNSIAKDILK	AGAP004747-PA	-	67	2.78E-06	1	1187.668	4.15	Malpighian tubule	2L:-:3035262-3035230	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_52797	ATTEYDTLTACSVLLR	AGAP004747-PA	C11(Carbamidomethyl)	93	7.09E-09	2	1813.904	2.4	Male reproductive organs	2L:-:3036727-3036680	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_53058	LINEVAQVK	AGAP004747-PA	-	33	0.003297463	2	1013.597	-1.54	Pupa	2L:-:3035292-3035266	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_56344	AVYPNSGYSAETGGILSNLR	AGAP004747-PA	-	118	2.15E-11	1	2069.039	4.58	Malpighian tubule	2L:-:3037066-3037007	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_56628	ANEVIPVHK	AGAP004747-PA	-	43	0.000442307	1	1006.571	2.48	Malpighian tubule	2L:-:3037540-3037514	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_56872	ANEVIPVHK	AGAP004747-PA	-	36	0.002370128	1	1006.568	0.11	Ovary	2L:-:3037540-3037514	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_58790	AVYPNSGYSAETGGILSNLR	AGAP004747-PA	-	145	4.28E-14	1	2069.032	0.8	Midgut	2L:-:3037066-3037007	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_59881	ATTEYDTLTACSVLLR	AGAP004747-PA	C11(Carbamidomethyl)	86	3.87E-08	2	1813.902	1.06	Salivary gland	2L:-:3036727-3036680	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_60901	LSELLASIAGGK	AGAP004747-PA	-	88	9.22E-09	2	1158.676	2.5	Salivary gland	2L:-:3036514-3036479	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_60972	EFIEVEDPYASR	AGAP004747-PA	-	74	4.86E-07	1	1454.684	3.02	Head	2L:-:3036643-3036608	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_63892	FLASLLELLEKPESVNTVIENLNK	AGAP004747-PA	-	42	0.000120829	3	2713.516	4.99	Head	2L:-:3035169-3035098	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_64766	GILDLVANR	AGAP004747-PA	-	50	5.99E-05	2	970.569	1.17	Visceras	2L:-:3037351-3037325	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_65872	VVNTSILASFK	AGAP004747-PA	-	64	1.95E-06	2	1178.680	1.89	Pupa	2L:-:3034341-3034309	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_67874	AADIASSFK	AGAP004747-PA	-	35	0.003184198	1	909.471	3.74	Head	2L:-:3034161-3034135	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_68438	ALEPIEEKIVSK	AGAP004747-PA	-	53	2.40E-05	2	1355.784	4.68	Malpighian tubule	2L:-:3036898-3036863	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_69575	YREDSNVR	AGAP004747-PA	-	36	0.003929057	1	1038.499	2.4	Malpighian tubule	2L:-:3035220-3035197	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_71706	YTTGIELITELLHK	AGAP004747-PA	-	42	0.000377284	2	1630.911	3.8	Malpighian tubule	2L:-:3035376-3035335	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_72683	SSLIFEIIAR	AGAP004747-PA	-	66	1.43E-06	1	1148.666	-1.2	Malpighian tubule	2L:-:3034389-3034360	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_72812	ANEVIPVHK	AGAP004747-PA	-	54	4.36E-05	1	1006.569	0.72	Head	2L:-:3037540-3037514	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_72840	GILDLVANR	AGAP004747-PA	-	64	2.03E-06	2	970.572	4.07	Malpighian tubule	2L:-:3037351-3037325	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_73336	YLTDTSASPVQR	AGAP004747-PA	-	50	0.000178861	2	1337.677	5.2	Ovary	2L:-:3036679-3036644	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_73640	GALPPFERPWQTPVEPLEESK	AGAP004747-PA	-	50	0.000108757	1	2407.241	4.86	Ovary	2L:-:3036862-3036800	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_75741	AVYPNSGYSAETGGILSNLR	AGAP004747-PA	-	151	9.53E-15	1	2069.038	3.99	Ovary	2L:-:3037066-3037007	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_76682	GILDLVANR	AGAP004747-PA	-	58	9.76E-06	2	970.568	0.17	Salivary gland	2L:-:3037351-3037325	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_76835	QVIDGAEWDATLLESAR	AGAP004747-PA	-	72	9.24E-07	2	1873.935	2.99	Male reproductive organs	2L:-:3034440-3034390	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_77170	EKYTTGIELITELLHK	AGAP004747-PA	-	70	4.65E-07	1	1888.043	-0.05	Midgut	2L:-:3035382-3035335	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_79961	VNLELLR	AGAP004747-PA	-	55	2.12E-05	2	856.524	-1.06	Visceras	2L:-:3037087-3037067	exon=> In CDS Exon 1 of transcript AGAP004747-PA

JHU_Ag_80787	IEDLPVYAEAYDLHTNFCYLK	AGAP004747-PA	C18(Carbamidomethyl)	38	0.002407915	1	2574.197	-9.92	Malpighian tubule	2L:-:3035783-3036059,3034955-3035623	exon=> In CDS Exon 3 and 2 of transcript AGAP004747-PA
JHU_Ag_84110	ATTEYDTLTACSVLLR	AGAP004747-PA	C11(Carbamidomethyl)	106	3.34E-10	2	1813.909	4.83	Malpighian tubule	2L:-:3036727-3036680	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_85388	SSLIFEIIAR	AGAP004747-PA	-	64	1.97E-06	2	1148.668	0.61	Ovary	2L:-:3034389-3034360	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_85812	ATTEYDTLTACSVLLR	AGAP004747-PA	C11(Carbamidomethyl)	75	4.87E-07	2	1813.898	-1.3	Midgut	2L:-:3036727-3036680	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_85895	VNLELLR	AGAP004747-PA	-	51	5.59E-05	2	856.525	0.16	Midgut	2L:-:3037087-3037067	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_87177	EKYTTGIELITELLHK	AGAP004747-PA	-	89	4.46E-09	1	1888.051	4.41	Ovary	2L:-:3035382-3035335	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_87724	EKYTTGIELITELLHK	AGAP004747-PA	-	44	0.000147253	1	1888.050	3.63	Head	2L:-:3035382-3035335	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_88291	IEDLPVYAEAYDLHTNFCYLK	AGAP004747-PA	C18(Carbamidomethyl)	55	5.60E-05	1	2574.224	0.67	Ovary	2L:-:3035783-3036059,3034955-3035623	exon=> In CDS Exon 3 and 2 of transcript AGAP004747-PA
JHU_Ag_90390	VVNTSILASFK	AGAP004747-PA	-	93	2.01E-09	1	1178.678	0.33	Ovary	2L:-:3034341-3034309	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_90917	VNLELLR	AGAP004747-PA	-	47	0.000117868	1	856.529	4	Ovary	2L:-:3037087-3037067	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_92531	AADIASSFK	AGAP004747-PA	-	39	0.001228428	1	909.468	-0.16	Midgut	2L:-:3034161-3034135	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_94277	LVQSNETEQLVK	AGAP004747-PA	-	75	4.34E-07	2	1387.744	0.65	Ovary	2L:-:3034992-3034957	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_94752	VVNTSILASFK	AGAP004747-PA	-	96	1.08E-09	2	1178.678	-0.19	Midgut	2L:-:3034341-3034309	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_97971	GVPVGYNQSLVSQVGK	AGAP004747-PA	-	70	9.92E-07	2	1631.879	2.37	Salivary gland	2L:-:3034308-3034261	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_98132	AYHAAFYRPDNLHVIITGQIKPDDIFK	AGAP004747-PA	-	54	2.78E-05	1	3142.649	0.53	Head	2L:-:3036979-3036899	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_100595	VVNTSILASFK	AGAP004747-PA	-	96	9.92E-10	2	1178.682	3.02	Salivary gland	2L:-:3034341-3034309	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_100764	GVPVGYNQSLVSQVGK	AGAP004747-PA	-	48	0.000175052	2	1631.877	1.25	Male reproductive organs	2L:-:3034308-3034261	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_101055	HLFSFTDTCTAIVCHPDK	AGAP004747-PA	C9(Carbamidomethyl), C14(Carbamidomethyl)	128	2.01E-12	1	2148.987	1.35	Head	2L:-:3034215-3034162	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_104407	LINEVAQVK	AGAP004747-PA	-	41	0.000566474	1	1013.599	-0.1	Malpighian tubule	2L:-:3035292-3035266	exon=> In CDS Exon 3 of transcript AGAP004747-PA
JHU_Ag_105002	QVIDGAEWDATLLESAR	AGAP004747-PA	-	94	6.29E-09	2	1873.939	5.34	Head	2L:-:3034440-3034390	exon=> In CDS Exon 5 of transcript AGAP004747-PA
JHU_Ag_106112	GILDLVANR	AGAP004747-PA	-	58	1.05E-05	2	970.568	-0.34	Pupa	2L:-:3037351-3037325	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_108158	IEDLPVYAEAYDLHTNFCYLK	AGAP004747-PA	C18(Carbamidomethyl)	39	0.002418402	1	2574.227	2.03	Head	2L:-:3035783-3036059,3034955-3035623	exon=> In CDS Exon 3 and 2 of transcript AGAP004747-PA
JHU_Ag_109684	ATTEYDTLTACSVLLR	AGAP004747-PA	C11(Carbamidomethyl)	62	9.44E-06	2	1813.906	3.14	Head	2L:-:3036727-3036680	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_112136	LSELLASIAGGK	AGAP004747-PA	-	65	1.50E-06	2	1158.676	2.92	Malpighian tubule	2L:-:3036514-3036479	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_112511	IEYPADEEDCGLLNVAWR	AGAP004747-PA	C10(Carbamidomethyl)	93	5.84E-09	1	2149.989	1.31	Head	2L:-:3036790-3036737	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_112937	VVNTSILASFK	AGAP004747-PA	-	58	7.20E-06	1	1178.680	1.99	Malpighian tubule	2L:-:3034341-3034309	exon=> In CDS Exon 5 of transcript AGAP004747-PA

JHU_Ag_113087	HLITVK	AGAP004747-PA	-	28	0.001310445	2	710.459	4.41	Ovary	2L:-:3037558-3037541	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_114647	EFIEVEDPYASR	AGAP004747-PA	-	66	2.67E-06	1	1454.681	1.09	Ovary	2L:-:3036643-3036608	exon=> In CDS Exon 1 of transcript AGAP004747-PA
JHU_Ag_114719	IEDLPVYAEAYDLHTNFCYLK	AGAP004747-PA	C18(Carbamidomethyl)	59	1.96E-05	1	2574.225	1.1	Visceras	2L:-:3035783-3036059,3034955-3035623	exon=> In CDS Exon 3 and 2 of transcript AGAP004747-PA
JHU_Ag_621	GVGGIFFDDLDGPDAER	AGAP004749-PA	-	55	3.59E-05	2	1779.814	-2.81	Midgut	2L:+:3039693-3039743	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_1643	GVGGIFFDDLDGPDAER	AGAP004749-PA	-	106	3.09E-10	1	1779.817	-0.62	Male reproductive organs	2L:+:3039693-3039743	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_7049	KEGGGGITCVLQDGDVFEK	AGAP004749-PA	C9(Carbamidomethyl)	54	6.47E-05	1	2008.967	1.08	Malpighian tubule	2L:+:3039252-3039308	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_9576	FGLYTPGAR	AGAP004749-PA	-	63	5.89E-06	2	981.512	-3.15	Male reproductive organs	2L:+:3039909-3039935	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_9744	AGVNISVVHGNLPK	AGAP004749-PA	-	94	2.74E-09	1	1404.795	-0.45	Pupa	2L:+:3039309-3039350	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_15335	GVGGIFFDDLDGPDAER	AGAP004749-PA	-	68	2.09E-06	2	1779.825	3.5	Salivary gland	2L:+:3039693-3039743	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_19964	YFEVTDSTGQR	AGAP004749-PA	-	70	8.96E-07	1	1302.595	-0.75	Ovary	2L:+:3039483-3039515	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_20224	AGVNISVVHGNLPK	AGAP004749-PA	-	93	3.28E-09	1	1404.794	-1.37	Ovary	2L:+:3039309-3039350	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_22530	YFEVTDSTGQR	AGAP004749-PA	-	36	0.002314 72	2	1302.595	-1.21	Midgut	2L:+:3039483-3039515	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_23920	YVEFNLIYDR	AGAP004749-PA	-	79	2.07E-07	2	1331.664	0.97	Midgut	2L:+:3039870-3039899	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_24417	NPFVPTIHFNYR	AGAP004749-PA	-	38	0.002324238	1	1504.775	3.28	Salivary gland	2L:+:3039447-3039482	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_29438	AGVNISVVHGNLPK	AGAP004749-PA	-	90	6.04E-09	1	1404.795	-0.45	Midgut	2L:+:3039309-3039350	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_40184	NPFVPTIHFNYR	AGAP004749-PA	-	45	0.000512242	1	1504.772	1.85	Malpighian tubule	2L:+:3039447-3039482	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_44875	IQYDFCR	AGAP004749-PA	C6(Carbamidomethyl)	37	0.001127611	1	1001.451	0.32	Ovary	2L:+:3039174-3039194	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_45185	NPFVPTIHFNYR	AGAP004749-PA	-	55	5.61E-05	1	1504.770	0.24	Midgut	2L:+:3039447-3039482	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_45196	AFDFVSSCAHSVIPSYLPLVR	AGAP004749-PA	C8(Carbamidomethyl)	66	3.36E-06	1	2365.207	2.69	Visceras	2L:+:3039744-3039806	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_48125	GVGGIFFDDLDGPDAER	AGAP004749-PA	-	109	1.64E-10	1	1779.817	-0.62	Ovary	2L:+:3039693-3039743	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_49975	GVGGIFFDDLDGPDAER	AGAP004749-PA	-	79	1.62E-07	1	1779.820	0.68	Visceras	2L:+:3039693-3039743	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_54735	YVEFNLIYDR	AGAP004749-PA	-	70	1.92E-06	2	1331.665	1.52	Ovary	2L:+:3039870-3039899	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_61411	EACDSHDATYYPK	AGAP004749-PA	C3(Carbamidomethyl)	84	1.11E-08	1	1556.633	0.64	Head	2L:+:3039600-3039638	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_62380	YMADPISGR	AGAP004749-PA	M2(Oxidation)	44	0.00040501	1	1025.472	-0.01	Ovary	2L:+:3039087-3039113	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_71299	AGVNISVVHGNLPK	AGAP004749-PA	-	56	1.48E-05	1	1404.798	1.2	Salivary gland	2L:+:3039309-3039350	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_72092	NPFVPTIHFNYR	AGAP004749-PA	-	63	8.71E-06	1	1504.767	-1.77	Ovary	2L:+:3039447-3039482	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_75172	YESILMSLPLNAR	AGAP004749-PA	M6(Oxidation)	76	3.37E-07	1	1522.794	0.35	Ovary	2L:+:3039936-3039971,3040050-3040052	exon=> In CDS Exon 2 and 3 of transcript AGAP004749-PA

JHU_Ag_79425	QLADGELPFFAVGVSAVIHPR	AGAP004749-PA	-	86	1.83E-08	1	2223.198	2.66	Ovary	2L:+:3039384-3039446	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_80121	HRQWQLLR	AGAP004749-PA	-	40	0.000674929	1	1136.638	-4.73	Head	2L:+:3039837-3039860	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_99315	FGLYTPGAR	AGAP004749-PA	-	39	0.001030046	2	981.515	-0.1	Midgut	2L:+:3039909-3039935	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_101149	AGVNISVVHGNLPK	AGAP004749-PA	-	84	2.17E-08	1	1404.798	1.55	Malpighian tubule	2L:+:3039309-3039350	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_101564	TLKEACDSHDATYYPK	AGAP004749-PA	C6(Carbamidomethyl)	76	2.61E-07	1	1898.860	0.57	Malpighian tubule	2L:+:3039591-3039638	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_101987	AFDFVSSCAHSVIPSYLPLVR	AGAP004749-PA	C8(Carbamidomethyl)	80	1.33E-07	1	2365.199	-1.02	Ovary	2L:+:3039744-3039806	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_107419	IQYDFCR	AGAP004749-PA	C6(Carbamidomethyl)	36	0.001313039	2	1001.450	-0.77	Male reproductive organs	2L:+:3039174-3039194	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_117234	AGVNISVVHGNLPK	AGAP004749-PA	-	85	1.84E-08	1	1404.795	-0.45	Male reproductive organs	2L:+:3039309-3039350	exon=> In CDS Exon 2 of transcript AGAP004749-PA
JHU_Ag_576	NLNFLYPLLR	AGAP004750-PA	-	39	0.00046966	2	1262.733	6.01	Salivary gland	2L:-:3043201-3043172	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_3208	ITSIIASLLAR	AGAP004750-PA	-	69	1.29E-07	2	1157.730	3.67	Ovary	2L:-:3043453-3043421	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_4057	VALVEGPAPIQELNHDDDVLPPGLNHLR	AGAP004750-PA	-	62	3.57E-06	1	3028.606	6.82	Malpighian tubule	2L:-:3045919-3045836	exon=> In CDS Exon 1 of transcript AGAP004750-PA
JHU_Ag_7084	YIHQESENLKEDK	AGAP004750-PA	-	49	0.000170075	1	1632.790	2.07	Pupa	2L:-:3043033-3043678,3042774-3042913	exon=> In CDS Exon 5 and 4 of transcript AGAP004750-PA
JHU_Ag_11803	ITSIIASLLAR	AGAP004750-PA	-	83	3.52E-09	2	1157.732	5.67	Malpighian tubule	2L:-:3043453-3043421	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_12617	VVTFVSDVMLENIK	AGAP004750-PA	-	62	5.06E-06	2	1593.861	3.46	Ovary	2L:-:3044224-3044183	exon=> In CDS Exon 3 of transcript AGAP004750-PA
JHU_Ag_23142	YIHQESENLKEDK	AGAP004750-PA	-	71	1.26E-06	1	1632.796	6.12	Larva	2L:-:3043033-3043678,3042774-3042913	exon=> In CDS Exon 5 and 4 of transcript AGAP004750-PA
JHU_Ag_32344	IINSESTLTDDLEEK	AGAP004750-PA	-	73	8.57E-07	2	1706.836	1.67	Head	2L:-:3046309-3046265	exon=> In CDS Exon 1 of transcript AGAP004750-PA
JHU_Ag_34309	LSHSAALESFK	AGAP004750-PA	-	39	0.00235241	3	1189.620	-0.79	Ovary	2L:-:3043531-3043499	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_34754	IINSESTLTDDLEEK	AGAP004750-PA	-	74	6.80E-07	2	1706.841	4.53	Ovary	2L:-:3046309-3046265	exon=> In CDS Exon 1 of transcript AGAP004750-PA
JHU_Ag_44454	ITSIIASLLAR	AGAP004750-PA	-	93	5.57E-10	2	1157.724	-0.86	Midgut	2L:-:3043453-3043421	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_50759	NLNFLYPLLR	AGAP004750-PA	-	51	4.21E-05	1	1262.728	1.66	Visceras	2L:-:3043201-3043172	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_51001	ITSIIASLLAR	AGAP004750-PA	-	84	4.21E-09	2	1157.728	2.09	Pupa	2L:-:3043453-3043421	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_57520	YKEDVTDIYPGK	AGAP004750-PA	-	68	2.39E-06	2	1427.707	0.97	Ovary	2L:-:3042633-3042598	exon=> In CDS Exon 6 of transcript AGAP004750-PA
JHU_Ag_57586	NLNFLYPLLR	AGAP004750-PA	-	46	0.000137933	1	1262.726	0.69	Ovary	2L:-:3043201-3043172	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_62679	NLNFLYPLLR	AGAP004750-PA	-	44	0.000242055	1	1262.729	2.34	Midgut	2L:-:3043201-3043172	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_66261	QILSDANPQQFYK	AGAP004750-PA	-	44	0.000625352	2	1551.786	3.99	Head	2L:-:3043150-3043112	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_70424	YKEDVTDIYPGK	AGAP004750-PA	-	53	6.81E-05	2	1427.711	4.05	Malpighian tubule	2L:-:3042633-3042598	exon=> In CDS Exon 6 of transcript AGAP004750-PA
JHU_Ag_71097	YKEDVTDIYPGK	AGAP004750-PA	-	55	4.57E-05	2	1427.710	3.45	Larva	2L:-:3042633-3042598	exon=> In CDS Exon 6 of transcript AGAP004750-PA

JHU_Ag_74422	VALVEGPAPIQELNHDDDVLPPGLNHLR	AGAP004750-PA	-	63	3.43E-06	1	3028.584	-0.45	Ovary	2L:-:3045919-3045836	exon=> In CDS Exon 1 of transcript AGAP004750-PA
JHU_Ag_77815	TIEFLQILNK	AGAP004750-PA	-	40	0.000381486	2	1218.715	4.99	Larva	2L:-:3043570-3043541	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_78633	ITSIIASLLAR	AGAP004750-PA	-	83	5.15E-09	2	1157.730	4.09	Larva	2L:-:3043453-3043421	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_79527	TIEFLQILNK	AGAP004750-PA	-	57	9.51E-06	1	1218.710	0.88	Ovary	2L:-:3043570-3043541	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_85961	TIEFLQILNKESK	AGAP004750-PA	-	56	1.20E-05	2	1562.888	5.97	Malpighian tubule	2L:-:3043570-3043532	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_92222	IQKELETDIDK	AGAP004750-PA	Q2(Deamidated)	39	0.002128145	1	1332.680	-7.14	Malpighian tubule	2L:-:3046423-3046391	exon=> In CDS Exon 1 of transcript AGAP004750-PA
JHU_Ag_107573	ITSIIASLLAR	AGAP004750-PA	-	63	4.69E-07	2	1157.726	0.82	Salivary gland	2L:-:3043453-3043421	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_109380	NLNFLYPLLR	AGAP004750-PA	-	51	3.22E-05	2	1262.735	7.27	Larva	2L:-:3043201-3043172	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_115140	ITSIIASLLAR	AGAP004750-PA	-	58	1.41E-06	2	1157.730	3.78	Visceras	2L:-:3043453-3043421	exon=> In CDS Exon 4 of transcript AGAP004750-PA
JHU_Ag_115791	VALVEGPAPIQELNHDDDVLPPGLNHLR	AGAP004750-PA	-	39	0.000725 09	1	3028.594	3.03	Head	2L:-:3045919-3045836	exon=> In CDS Exon 1 of transcript AGAP004750-PA
JHU_Ag_3269	AHSNPIADHSFDYPLLPELSNWNELYPNIGNR	AGAP004752-PA	-	41	0.000747001	1	3693.801	7.91	Ovary	2L:+:3057200-3057295	exon=> In CDS Exon 1 of transcript AGAP004752-PA
JHU_Ag_44522	RLPDTEAQEDILAPK	AGAP004752-PA	-	58	1.72E-05	2	1695.894	1.73	Male reproductive organs	2L:+:3057722-3057766	exon=> In CDS Exon 1 of transcript AGAP004752-PA
JHU_Ag_50154	RLPDTEAQEDILAPK	AGAP004752-PA	-	57	2.36E-05	2	1695.898	3.82	Malpighian tubule	2L:+:3057722-3057766	exon=> In CDS Exon 1 of transcript AGAP004752-PA
JHU_Ag_51592	IINPTLLSEYAYVLRPGGK	AGAP004752-PA	-	41	0.000195066	1	2104.182	0.74	Midgut	2L:+:3057590-3057646	exon=> In CDS Exon 1 of transcript AGAP004752-PA
JHU_Ag_66643	LLDSSEEGQKVTR	AGAP004752-PA	-	90	1.56E-08	1	1461.757	1.43	Malpighian tubule	2L:+:3057767-3057805	exon=> In CDS Exon 1 of transcript AGAP004752-PA
JHU_Ag_114677	LFFLYPDPHFK	AGAP004752-PA	-	56	3.03E-05	1	1423.743	1.16	Ovary	2L:+:3057536-3057568	exon=> In CDS Exon 1 of transcript AGAP004752-PA
JHU_Ag_81492	SILQFFK	AGAP004753-PA	Q4(Deamidated)	35	0.001833845	2	883.491	-1.86	Pupa	2L:-:3061731-3061711	exon=> In CDS Exon 1 of transcript AGAP004753-PA
JHU_Ag_10413	LNQEQITKEEK	AGAP004753-PA,AGAP004753-PB	N2(Deamidated), Q3(Deamidated), Q5(Deamidated)	33	0.006226097	1	1362.644	-14.09	Ovary	2L:-:3059085-3059053;2L:-:3059085-3059053	exon=> In CDS Exon 3 of transcript AGAP004753-PA;exon=> In CDS Exon 2 of transcript AGAP004753-PB
JHU_Ag_45312	LNQEQITKEEK	AGAP004753-PA,AGAP004753-PB	N2(Deamidated), Q3(Deamidated), Q5(Deamidated)	39	0.001816 07	1	1362.646	-12.93	Head	2L:-:3059085-3059053;2L:-:3059085-3059053	exon=> In CDS Exon 3 of transcript AGAP004753-PA;exon=> In CDS Exon 2 of transcript AGAP004753-PB
JHU_Ag_97062	LQENISTLK	AGAP004753-PA,AGAP004753-PB	N4(Deamidated)	48	0.000260 41	1	1046.566	-6.47	Male reproductive organs	2L:-:3058868-3058842;2L:-:3058868-3058842	exon=> In CDS Exon 4 of transcript AGAP004753-PA;exon=> In CDS Exon 3 of transcript AGAP004753-PB
JHU_Ag_73324	LECISLLLAR	AGAP004755-PA	C3(Carbamidomethyl)	34	0.003201012	2	1187.681	-0.33	Ovary	2L:+:3066828-3066857	exon=> In CDS Exon 2 of transcript AGAP004755-PA
JHU_Ag_107361	LLTAEGFGQLCR	AGAP004755-PA	C11(Carbamidomethyl)	66	4.17E-06	2	1364.697	-1.89	Salivary gland	2L:+:3066864-3066899	exon=> In CDS Exon 2 of transcript AGAP004755-PA
JHU_Ag_6840	TNSASGASTGSPISTPVGR	AGAP004758-PA,AGAP004758-PB	-	114	7.53E-11	1	1746.863	0.69	Ovary	2L:-:3071396-3071340;2L:-:3071396-3071340	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB

JHU_Ag_8039	SSSSLATSNNGNGGSTTTPSAAVNAPSTPR	AGAP004758-PA,AGAP004758-PB	N10(Deamidated), N12(Deamidated),N12(Deamidated)	74	5.58E-07	2	2792.292	-0.27	Head	2L:-:3071516-3071427;2L:-:3071516-3071427	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_8463	VDALVAHLPQLEGDENKK	AGAP004758-PA,AGAP004758-PB	-	42	0.000555633	1	1976.047	0.87	Midgut	2L:-:3071159-3071106;2L:-:3071159-3071106	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_20464	INEVINNPPSGNSIGSGGR	AGAP004758-PA,AGAP004758-PB	-	61	1.15E-05	2	1881.949	4.04	Male reproductive organs	2L:-:3071827-3071771;2L:-:3071827-3071771	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_21715	NIDLASAVNSQTLASIISDQEK	AGAP004758-PA,AGAP004758-PB	-	159	1.49E-15	1	2317.187	-0.73	Ovary	2L:-:3071225-3071160;2L:-:3071225-3071160	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_27959	RINEVINNPPSGNSIGSGGR	AGAP004758-PA,AGAP004758-PB	-	95	3.87E-09	1	2038.042	-0.07	Malpighian tubule	2L:-:3071830-3071771;2L:-:3071830-3071771	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_32637	TSGTVEDDLILFPDDCEFK	AGAP004758-PA,AGAP004758-PB	C16(Carbamidomethyl)	36	0.002821121	1	2201.006	4.92	Midgut	2L:-:3072004-3071948;2L:-:3072004-3071948	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_38769	TNSASGASTGSPISTPVGR	AGAP004758-PA,AGAP004758-PB	-	104	6.45E-10	1	1746.863	0.9	Malpighian tubule	2L:-:3071396-3071340;2L:-:3071396-3071340	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_42089	RINEVINNPPSGNSIGSGGR	AGAP004758-PA,AGAP004758-PB	-	65	4.00E-06	1	2038.044	0.74	Male reproductive organs	2L:-:3071830-3071771;2L:-:3071830-3071771	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_53054	VDALVAHLPQLEGDENKK	AGAP004758-PA,AGAP004758-PB	-	101	8.43E-10	1	1976.044	-0.38	Ovary	2L:-:3071159-3071106;2L:-:3071159-3071106	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_57322	INEVINNPPSGNSIGSGGR	AGAP004758-PA,AGAP004758-PB	-	80	1.36E-07	2	1881.945	2.16	Malpighian tubule	2L:-:3071827-3071771;2L:-:3071827-3071771	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_62660	TSGTVEDDLILFPDDCEFKK	AGAP004758-PA,AGAP004758-PB	C16(Carbamidomethyl)	51	0.000123599	1	2329.094	1.34	Midgut	2L:-:3072004-3071945;2L:-:3072004-3071945	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_65506	INEVINNPPSGNSIGSGGR	AGAP004758-PA,AGAP004758-PB	-	44	0.000567887	1	1881.946	2.29	Midgut	2L:-:3071827-3071771;2L:-:3071827-3071771	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_67186	ILLSDLQNYLSGISATGVDGSGQRR	AGAP004758-PA,AGAP004758-PB	-	137	1.69E-13	1	2620.377	3.22	Malpighian tubule	2L:-:3071300-3071226;2L:-:3071300-3071226	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_68896	INEVINNPPSGNSIGSGGR	AGAP004758-PA,AGAP004758-PB	-	69	1.93E-06	1	1881.940	-0.5	Salivary gland	2L:-:3071827-3071771;2L:-:3071827-3071771	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB

JHU_Ag_71469	TNSASGASTGSPISTPVGR	AGAP004758-PA,AGAP004758-PB	-	78	2.62E-07	2	1746.865	1.74	Salivary gland	2L:-:3071396-3071340;2L:-:3071396-3071340	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_71771	TNSASGASTGSPISTPVGR	AGAP004758-PA,AGAP004758-PB	-	59	2.16E-05	2	1746.862	0.34	Head	2L:-:3071396-3071340;2L:-:3071396-3071340	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_81993	INEVINNPPSGNSIGSGGR	AGAP004758-PA,AGAP004758-PB	-	88	2.53E-08	1	1881.942	0.34	Head	2L:-:3071827-3071771;2L:-:3071827-3071771	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_83087	TNSASGASTGSPISTPVGR	AGAP004758-PA,AGAP004758-PB	-	127	3.35E-12	1	1746.862	0.2	Male reproductive organs	2L:-:3071396-3071340;2L:-:3071396-3071340	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_86663	SGPIFGSSSALGGSSGGNR	AGAP004758-PA,AGAP004758-PB	N-Term(Acetyl)	125	5.61E-12	1	1736.820	-0.23	Ovary	2L:-:3072190-3072134;2L:-:3072190-3072134	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_90278	VDALVAHLPQLEGDENKK	AGAP004758-PA,AGAP004758-PB	-	109	1.15E-10	1	1976.042	-1.27	Head	2L:-:3071159-3071106;2L:-:3071159-3071106	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_98330	ALENSEKTPASEASGATNK	AGAP004758-PA,AGAP004758-PB	-	94	5.25E-09	1	1904.920	0.34	Malpighian tubule	2L:-:3070940-3070884;2L:-:3070940-3070884	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_99066	ILLSDLQNYLSGISATGVDGSGQR	AGAP004758-PA,AGAP004758-PB	-	158	1.63E-15	1	2464.267	-0.31	Ovary	2L:-:3071300-3071229;2L:-:3071300-3071229	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_100574	ILLSDLQNYLSGISATGVDGSGQRR	AGAP004758-PA,AGAP004758-PB	-	116	2.04E-11	1	2620.375	2.31	Male reproductive organs	2L:-:3071300-3071226;2L:-:3071300-3071226	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_101274	NAGSAGTADGGTR	AGAP004758-PA,AGAP004758-PB	-	58	1.50E-05	2	1134.514	0.11	Ovary	2L:-:3071339-3071301;2L:-:3071339-3071301	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_101285	NIDLASAVNSQTLASIISDQEK	AGAP004758-PA,AGAP004758-PB	-	94	5.14E-09	2	2317.196	3.38	Head	2L:-:3071225-3071160;2L:-:3071225-3071160	exon=> In CDS Exon 2 of transcript AGAP004758-PA;exon=> In CDS Exon 2 of transcript AGAP004758-PB
JHU_Ag_3159	HLVEFR	AGAP004758-PA,AGAP004758-PB,AGAP012578-PA	-	34	0.002805917	2	800.442	1.23	Ovary	2L:-:3072133-3072116;2L:-:3072133-3072116;UNKN:-:17275364-17275347	exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB;exon=> In CDS Exon 1 of transcript AGAP012578-PA
JHU_Ag_9344	ALDDIEESINEMK	AGAP004759-PA,AGAP012804-PA	M12(Oxidation)	92	5.43E-09	1	1522.693	-0.77	Ovary	2L:+:3075983-3076021;UNKN:-:30185642-30185604	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA

JHU_Ag_13303	SGLIEAVKK	AGAP004759-PA,AGAP012804-PA	-	36	0.000979636	1	944.579	1.87	Malpighian tubule	2L:+:3075707-3075733;UNKN:-:30185918-30185892	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_24980	ILEIACIVTDSK	AGAP004759-PA,AGAP012804-PA	C6(Carbamidomethyl)	66	3.17E-06	2	1361.735	0.45	Ovary	2L:+:3075575-3075610;UNKN:-:30186050-30186015	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_32924	SMFFNSVETK	AGAP004759-PA,AGAP012804-PA	M2(Oxidation)	36	0.003040219	2	1205.552	1.28	Ovary	2L:+:3076031-3076060;UNKN:-:30185594-30185565	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_33569	SGLIEAVKK	AGAP004759-PA,AGAP012804-PA	-	53	2.10E-05	2	944.578	0.78	Ovary	2L:+:3075707-3075733;UNKN:-:30185918-30185892	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_46946	ILEIACIVTDSK	AGAP004759-PA,AGAP012804-PA	C6(Carbamidomethyl)	86	3.09E-08	2	1361.736	0.9	Midgut	2L:+:3075575-3075610;UNKN:-:30186050-30186015	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_48675	STYSVDQAERDVLDFVK	AGAP004759-PA,AGAP012804-PA	-	100	1.30E-09	1	1971.965	-0.67	Ovary	2L:+:3075734-3075784;UNKN:-:30185891-30185841	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_53191	STYSVDQAERDVLDFVK	AGAP004759-PA,AGAP012804-PA	-	47	0.000310915	1	1971.970	2.15	Midgut	2L:+:3075734-3075784;UNKN:-:30185891-30185841	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_64211	ILEIACIVTDSK	AGAP004759-PA,AGAP012804-PA	C6(Carbamidomethyl)	71	1.04E-06	2	1361.734	-0.27	Male reproductive organs	2L:+:3075575-3075610;UNKN:-:30186050-30186015	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_93570	YMPTLNEYLHYR	AGAP004759-PA,AGAP012804-PA	M2(Oxidation)	54	4.79E-05	1	1615.757	-0.19	Ovary	2L:+:3075857-3075892;UNKN:-:30185768-30185733	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_106229	ALDDIEESINEMKYYK	AGAP004759-PA,AGAP012804-PA	M12(Oxidation)	42	0.001130245	2	1976.921	2.47	Malpighian tubule	2L:+:3075983-3076030;UNKN:-:30185642-30185595	exon=> In CDS Exon 1 of transcript AGAP004759-PA;exon=> In CDS Exon 1 of transcript AGAP012804-PA
JHU_Ag_6730	GIHFINPSSGFDALFK	AGAP004762-PA	-	101	1.11E-09	1	1749.894	-1.28	Midgut	2L:+:3151801-3151848	exon=> In CDS Exon 3 of transcript AGAP004762-PA
JHU_Ag_9343	AHLRPLVPELAEK	AGAP004762-PA	N-Term(Acetyl)	38	0.00065733	1	1514.870	0.84	Male reproductive organs	2L:+:3151049-3151087	exon=> In CDS Exon 1 of transcript AGAP004762-PA
JHU_Ag_11111	AHLRPLVPELAEK	AGAP004762-PA	N-Term(Acetyl)	62	2.66E-06	1	1514.873	2.85	Midgut	2L:+:3151049-3151087	exon=> In CDS Exon 1 of transcript AGAP004762-PA
JHU_Ag_14405	GIHFINPSSGFDALFK	AGAP004762-PA	-	48	0.000211454	1	1749.904	4.36	Male reproductive organs	2L:+:3151801-3151848	exon=> In CDS Exon 3 of transcript AGAP004762-PA
JHU_Ag_20114	MDDQFLVNFLR	AGAP004762-PA	M1(Oxidation)	47	0.000257306	2	1413.686	1.7	Male reproductive organs	2L:+:3151184-3151216	exon=> In CDS Exon 1 of transcript AGAP004762-PA
JHU_Ag_24614	NASTLFGVEGSFR	AGAP004762-PA	-	95	4.08E-09	2	1384.692	4.56	Malpighian tubule	2L:+:3152086-3152124	exon=> In CDS Exon 3 of transcript AGAP004762-PA
JHU_Ag_40574	MDDQFLVNFLR	AGAP004762-PA	M1(Oxidation)	85	4.34E-08	2	1413.683	-0.2	Midgut	2L:+:3151184-3151216	exon=> In CDS Exon 1 of transcript AGAP004762-PA
JHU_Ag_41959	IKVHDSFEALHAVVPK	AGAP004762-PA	-	107	8.23E-11	1	1789.999	1.49	Malpighian tubule	2L:+:3151888-3151935	exon=> In CDS Exon 3 of transcript AGAP004762-PA

JHU_Ag_60040	KYLPEEYGGSGGR	AGAP004762-PA	-	38	0.002269174	3	1412.684	2.54	Malpighian tubule	2L:+:3151936-3151974	exon=> In CDS Exon 3 of transcript AGAP004762-PA
JHU_Ag_63891	GIHFINPSSGFDALFK	AGAP004762-PA	-	61	1.07E-05	1	1749.901	2.77	Malpighian tubule	2L:+:3151801-3151848	exon=> In CDS Exon 3 of transcript AGAP004762-PA
JHU_Ag_78271	VHDSFEALHAVVPK	AGAP004762-PA	-	115	4.32E-11	1	1548.825	5.03	Midgut	2L:+:3151894-3151935	exon=> In CDS Exon 3 of transcript AGAP004762-PA
JHU_Ag_82850	GLTFAGLSQFNPTFIK	AGAP004762-PA	-	96	2.26E-09	1	1740.932	0.02	Midgut	2L:+:3151630-3151676,3151758-3151758	exon=> In CDS Exon 2 and 3 of transcript AGAP004762-PA
JHU_Ag_86079	LFHGFLSK	AGAP004762-PA	-	52	5.73E-05	1	948.532	2.39	Midgut	2L:+:3151849-3151872	exon=> In CDS Exon 3 of transcript AGAP004762-PA
JHU_Ag_88011	GLTFAGLSQFNPTFIK	AGAP004762-PA	-	87	1.54E-08	1	1740.940	4.72	Male reproductive organs	2L:+:3151630-3151676,3151758-3151758	exon=> In CDS Exon 2 and 3 of transcript AGAP004762-PA
JHU_Ag_95992	GLTFAGLSQFNPTFIKK	AGAP004762-PA	-	28	0.008595594	1	1869.026	-0.54	Midgut	2L:+:3151630-3151676,3151758-3151761	exon=> In CDS Exon 2 and 3 of transcript AGAP004762-PA
JHU_Ag_117573	AHLRPLVPELAEK	AGAP004762-PA	N-Term(Acetyl)	71	3.25E-07	1	1514.868	-0.93	Malpighian tubule	2L:+:3151049-3151087	exon=> In CDS Exon 1 of transcript AGAP004762-PA
JHU_Ag_2453	FFVLDEADGLLK	AGAP004765-PA	-	46	0.000278178	2	1366.726	0.46	Midgut	2L:+:3157700-3157735	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_8757	DNVRPGSNTAETLSEAVK	AGAP004765-PA	-	58	2.64E-05	1	1887.946	2.57	Malpighian tubule	2L:+:3158018-3158071	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_10002	ENLTENPNTGPSGSAEGEAAKPKPNAPQAIVIEPSR	AGAP004765-PA	-	41	0.000955856	1	3670.835	1.21	Ovary	2L:+:3157385-3157492	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_25669	FFVLDEADGLLK	AGAP004765-PA	-	42	0.000577792	2	1366.731	4.12	Head	2L:+:3157700-3157735	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_28778	DHVEQLGPVVR	AGAP004765-PA	-	53	6.70E-05	2	1248.670	0.51	Head	2L:+:3158696-3158728	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_36454	DNVRPGSNTAETLSEAVK	AGAP004765-PA	-	38	0.002480484	1	1887.944	1.56	Head	2L:+:3158018-3158071	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_40179	LSEADAKNNSYFPAVVLK	AGAP004765-PA	-	35	0.003175496	1	1966.040	6.24	Malpighian tubule	2L:+:3157244-3157297	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_43105	FFVLDEADGLLK	AGAP004765-PA	-	88	1.53E-08	1	1366.731	3.85	Ovary	2L:+:3157700-3157735	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_45053	ELAEQTFNQIR	AGAP004765-PA	-	57	3.71E-05	2	1348.686	0.17	Ovary	2L:+:3157493-3157525	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_45513	GLDITGLPFIINVTLPDEK	AGAP004765-PA	-	88	5.10E-09	1	2055.147	4.71	Ovary	2L:+:3158315-3158371	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_49447	VGWSTELASLDLGTDR	AGAP004765-PA	-	76	4.27E-07	2	1719.860	3.2	Ovary	2L:+:3157031-3157078	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_64783	DNVRPGSNTAETLSEAVK	AGAP004765-PA	-	54	6.65E-05	1	1887.940	-0.48	Ovary	2L:+:3158018-3158071	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_66004	FFVLDEADGLLK	AGAP004765-PA	-	44	0.000448046	2	1366.727	1.26	Salivary gland	2L:+:3157700-3157735	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_73564	DNVRPGSNTAETLSEAVK	AGAP004765-PA	-	51	0.000114734	2	1887.937	-2.02	Salivary gland	2L:+:3158018-3158071	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_85457	YYYEATVTDEGLCR	AGAP004765-PA	C13(Carbamidomethyl)	87	1.33E-08	2	1739.763	2.84	Ovary	2L:+:3156989-3157030	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_88332	EQIEVLQR	AGAP004765-PA	-	46	0.000297045	2	1014.557	-1.24	Salivary gland	2L:+:3157595-3157618	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_91074	ENLTENPNTGPSGSAEGEAAKPKPNAPQAIVIEPSR	AGAP004765-PA	-	69	1.24E-06	1	3670.841	2.74	Salivary gland	2L:+:3157385-3157492	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_91533	ELLLIGGVNVR	AGAP004765-PA	-	47	3.88E-05	2	1182.721	0.38	Salivary gland	2L:+:3157562-3157594	exon=> In CDS Exon 2 of transcript AGAP004765-PA

JHU_Ag_111874	THIQTDGVHAR	AGAP004765-PA	-	43	0.000868666	1	1234.630	0.77	Malpighian tubule	2L:+:3157985-3158017	exon=> In CDS Exon 2 of transcript AGAP004765-PA
JHU_Ag_11090	QNFLEPLHQLQTK	AGAP004766-PA	Q9(Deamidated)	71	6.78E-07	1	1595.857	1.59	Head	2L:+:3170536-3170574	exon=> In CDS Exon 5 of transcript AGAP004766-PA
JHU_Ag_14685	YSLDDNIKQNFLEPLHQLQTK	AGAP004766-PA	-	96	2.23E-09	1	2544.320	4.07	Head	2L:+:3170512-3170574	exon=> In CDS Exon 5 of transcript AGAP004766-PA
JHU_Ag_16025	VDENWFEGSLNGR	AGAP004766-PA	-	90	9.39E-09	1	1522.694	1.29	Head	2L:+:3175284-3175322	exon=> In CDS Exon 11 of transcript AGAP004766-PA
JHU_Ag_26115	ENDVITLIQR	AGAP004766-PA	-	65	3.50E-06	2	1200.660	1.25	Head	2L:+:3175254-3175283	exon=> In CDS Exon 11 of transcript AGAP004766-PA
JHU_Ag_37692	TKEYLQPNPTAR	AGAP004766-PA	-	54	5.87E-05	2	1417.745	0.78	Head	2L:+:3169055-3169090	exon=> In CDS Exon 3 of transcript AGAP004766-PA
JHU_Ag_39447	LDLDFMEMER	AGAP004766-PA	M6(Oxidation), M8(Oxidation)	61	3.71E-06	2	1330.566	0.48	Head	2L:+:3168903-3168932	exon=> In CDS Exon 2 of transcript AGAP004766-PA
JHU_Ag_42515	VLVETLNEKR	AGAP004766-PA	-	65	2.30E-06	1	1200.694	-0.69	Head	2L:+:3171594-3171619,3171690-3171693	exon=> In CDS Exon 8 and 9 of transcript AGAP004766-PA
JHU_Ag_69123	EYLQPNPTAR	AGAP004766-PA	-	32	0.009581 84	1	1188.601	-0.04	Head	2L:+:3169061-3169090	exon=> In CDS Exon 3 of transcript AGAP004766-PA
JHU_Ag_72603	TDVTVELVEELQAK	AGAP004766-PA	-	70	1.29E-06	2	1573.837	3.29	Head	2L:+:3169013-3169054	exon=> In CDS Exon 3 of transcript AGAP004766-PA
JHU_Ag_84611	TPMPTKPTQPCCTALYDFEPENPGELGFK	AGAP004766-PA	M3(Oxidation), C11(Carbamidomethyl), C12(Carbamidomethyl)	38	0.001344 307	1	3341.507	-2.93	Head	2L:+:3175097-3175183	exon=> In CDS Exon 10 of transcript AGAP004766-PA
JHU_Ag_42406	AHLLK	AGAP004767-PA	-	25	0.005438 56	1	581.379	3	Ovary	2L:-:3194211-3194197	exon=> In CDS Exon 7 of transcript AGAP004767-PA
JHU_Ag_62832	AHLLK	AGAP004767-PA	-	31	0.001420 64	1	581.377	-0.57	Head	2L:-:3194211-3194197	exon=> In CDS Exon 7 of transcript AGAP004767-PA
JHU_Ag_45959	ANPDKVTLTPAELAR	AGAP004768-PB	-	66	1.66E-06	1	1595.878	1.87	Ovary	2L:-:3322382-3322463,3289799-3289831	exon=> In CDS Exon 2 and 1 of transcript AGAP004768-PB
JHU_Ag_66134	NFCVVNLLDNDIVSNVFK	AGAP004768-PB	C3(Carbamidomethyl)	118	2.09E-11	1	2110.076	5.8	Ovary	2L:-:3288325-3288896,3288119-3288203	exon=> In CDS Exon 7 and 6 of transcript AGAP004768-PB
JHU_Ag_50325	INVNEVFATVVR	AGAP004769-PA	-	52	6.34E-05	2	1360.760	0.87	Male reproductive organs	2L:+:3317725-3317760	exon=> In CDS Exon 4 of transcript AGAP004769-PA
JHU_Ag_102573	INVNEVFATVVR	AGAP004769-PA	-	44	0.000362 066	1	1360.764	3.83	Head	2L:+:3317725-3317760	exon=> In CDS Exon 4 of transcript AGAP004769-PA
JHU_Ag_3596	YLNDLYILEIK	AGAP004774-PA	-	85	2.17E-08	2	1396.774	1.47	Ovary	2L:+:3391167-3391199	exon=> In CDS Exon 2 of transcript AGAP004774-PA
JHU_Ag_7422	VQPAKPLQTAQK	AGAP004774-PA	-	28	0.003984 408	1	1308.766	2.15	Ovary	2L:+:3392896-3392931	exon=> In CDS Exon 5 of transcript AGAP004774-PA
JHU_Ag_25624	IVSAASGNTSTTATIGGK	AGAP004774-PA	-	66	3.84E-06	2	1635.856	0.76	Ovary	2L:+:3393301-3393354	exon=> In CDS Exon 5 of transcript AGAP004774-PA
JHU_Ag_27671	IGTAGTGTMQQAGQTAVLR	AGAP004774-PA	-	66	3.20E-06	2	1860.964	2.52	Ovary	2L:+:3393190-3393246	exon=> In CDS Exon 5 of transcript AGAP004774-PA
JHU_Ag_34762	DKVSTTAAQLAFVR	AGAP004774-PA	-	60	8.17E-06	1	1506.829	0.82	Head	2L:+:3397537-3397578	exon=> In CDS Exon 10 of transcript AGAP004774-PA
JHU_Ag_44108	SVTVQLTPSVGGQK	AGAP004774-PA	-	47	0.000181 605	2	1400.778	2.55	Malpighian tubule	2L:+:3394238-3394279	exon=> In CDS Exon 6 of transcript AGAP004774-PA
JHU_Ag_60011	ITGTQIINMPQK	AGAP004774-PA	M9(Oxidation)	87	2.93E-08	2	1359.735	3.52	Malpighian tubule	2L:+:3394187-3394222	exon=> In CDS Exon 6 of transcript AGAP004774-PA
JHU_Ag_63277	DESEIWHTVGIFK	AGAP004774-PA	-	65	5.18E-06	2	1560.773	2.41	Ovary	2L:+:3397138-3397176	exon=> In CDS Exon 10 of transcript AGAP004774-PA

JHU_Ag_64026	YLNDLYILEIK	AGAP004774-PA	-	75	2.17E-07	2	1396.773	0.86	Midgut	2L:+:3391167-3391199	exon=> In CDS Exon 2 of transcript AGAP004774-PA
JHU_Ag_78966	TAGPGIVSGAQLQTVQQR	AGAP004774-PA	-	81	4.88E-08	2	1810.982	2.71	Malpighian tubule	2L:+:3393247-3393300	exon=> In CDS Exon 5 of transcript AGAP004774-PA
JHU_Ag_84199	TAGPGIVSGAQLQTVQQR	AGAP004774-PA	-	95	2.43E-09	1	1810.979	0.82	Ovary	2L:+:3393247-3393300	exon=> In CDS Exon 5 of transcript AGAP004774-PA
JHU_Ag_92541	NNQLQWEIPTTFGESPPPR	AGAP004774-PA	-	63	8.69E-06	1	2211.081	-0.86	Ovary	2L:+:3391200-3391256	exon=> In CDS Exon 2 of transcript AGAP004774-PA
JHU_Ag_103025	TSGPLPLPR	AGAP004774-PA	-	43	0.000243275	2	937.547	0.55	Head	2L:+:3391395-3391421	exon=> In CDS Exon 2 of transcript AGAP004774-PA
JHU_Ag_105575	STTGMGGTPGVAGQTGGIVGKR	AGAP004774-PA	M5(Oxidation)	40	0.001613711	1	2005.018	2.4	Malpighian tubule	2L:+:3397856-3397921	exon=> In CDS Exon 11 of transcript AGAP004774-PA
JHU_Ag_106238	YSNELYELQATK	AGAP004774-PA	-	77	2.52E-07	1	1458.713	1.24	Ovary	2L:+:3390978-3391013	exon=> In CDS Exon 2 of transcript AGAP004774-PA
JHU_Ag_106896	IGTAGTGTMQQAGQTAVLR	AGAP004774-PA	M9(Oxidation)	110	1.46E-10	2	1876.961	3.12	Malpighian tubule	2L:+:3393190-3393246	exon=> In CDS Exon 5 of transcript AGAP004774-PA
JHU_Ag_116055	VLSSTGQQLR	AGAP004774-PA	-	42	0.000887897	2	1088.593	-11.56	Pupa	2L:+:3393160-3393189	exon=> In CDS Exon 5 of transcript AGAP004774-PA
JHU_Ag_666	IEDDVLITK	AGAP004775-PA	-	55	3.58E-05	1	1045.579	1.65	Midgut	2L:-:3401368-3401342	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_2702	GIESFVADSDILFPVIAECR	AGAP004775-PA	C19(Carbamidomethyl)	97	3.02E-09	1	2238.106	-2.22	Midgut	2L:-:3408297-3408348,3401545-3402256	exon=> In CDS Exon 6 and 4 of transcript AGAP004775-PA
JHU_Ag_3492	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl), M5(Oxidation)	72	8.79E-07	1	2108.002	-1.53	Pupa	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_3624	AVFQMGSHTHAISMTLYRDNR	AGAP004775-PA	N-Term(Acetyl)	74	6.14E-07	1	2477.186	1.75	Malpighian tubule	2L:-:3415680-3415618	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_9348	KYEVDTVHYVDEISK	AGAP004775-PA	-	47	0.000342916	1	1824.901	-0.14	Pupa	2L:-:3415237-3415393,3412031-3412070	exon=> In CDS Exon 3 and 2 of transcript AGAP004775-PA
JHU_Ag_10060	QESYFTYLFGVTEPGCYGTVEIK	AGAP004775-PA	C16(Carbamidomethyl)	38	0.002470945	2	2688.257	1.03	Midgut	2L:-:3415494-3415683,3415202-3415328	exon=> In CDS Exon 2 and 1 of transcript AGAP004775-PA
JHU_Ag_12405	IEDDVLITKTGIENFTLVPR	AGAP004775-PA	-	40	0.000841426	1	2273.210	-12.75	Midgut	2L:-:3401368-3401309	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_14454	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl), M5(Oxidation)	135	4.68E-13	1	2108.004	-0.4	Midgut	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_18912	VMLEELR	AGAP004775-PA	M2(Oxidation)	49	0.000205366	1	905.476	-0.02	Midgut	2L:-:3401802-3401782	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_19873	LSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	150	5.76E-15	1	3004.600	3.89	Malpighian tubule	2L:-:3412066-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA
JHU_Ag_21346	SPAEIEVLR	AGAP004775-PA	-	71	6.17E-07	2	1013.563	0.57	Malpighian tubule	2L:-:3402246-3402220	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_27727	HSYAVGGCR	AGAP004775-PA	C8(Carbamidomethyl)	54	3.19E-05	1	1006.452	-0.58	Midgut	2L:-:3402123-3402097	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_28838	LPEEYAVWMGPLLGLEDFKK	AGAP004775-PA	M9(Oxidation)	96	2.94E-09	1	2351.197	-0.88	Ovary	2L:-:3415297-3415238	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_29939	AGMYLTIEPGCYFIEPLLNK	AGAP004775-PA	C11(Carbamidomethyl)	73	7.73E-07	2	2329.162	0.59	Midgut	2L:-:3401592-3402259,3401307-3401447	exon=> In CDS Exon 7 and 6 of transcript AGAP004775-PA
JHU_Ag_35515	LVYNAVLAAR	AGAP004775-PA	-	84	2.09E-08	2	1089.641	-0.58	Malpighian tubule	2L:-:3401898-3401869	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_36665	SPAEIEVLR	AGAP004775-PA	-	56	2.05E-05	2	1013.563	-0.09	Midgut	2L:-:3402246-3402220	exon=> In CDS Exon 6 of transcript AGAP004775-PA

JHU_Ag_37436	LVYNAVLAAR	AGAP004775-PA	-	32	0.002460734	2	1089.645	3.45	Larva	2L:-:3401898-3401869	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_39903	LSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	150	6.67E-15	1	3004.586	-0.55	Midgut	2L:-:3412066-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA
JHU_Ag_41042	LVYNAVLAAR	AGAP004775-PA	-	71	4.35E-07	2	1089.642	0.43	Pupa	2L:-:3401898-3401869	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_41366	EGVSWVDMHLLANR	AGAP004775-PA	-	61	1.10E-05	1	1626.809	1.72	Malpighian tubule	2L:-:3401844-3401803	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_44313	AHNFGADSKPVILLQGGDNISHYDTDVDYVFR	AGAP004775-PA	-	147	2.36E-14	1	3563.729	2.74	Ovary	2L:-:3415590-3415495	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_44395	KYEVDTVHYVDEISK	AGAP004775-PA	-	138	2.39E-13	1	1824.909	3.98	Malpighian tubule	2L:-:3415237-3415393,3412031-3412070	exon=> In CDS Exon 3 and 2 of transcript AGAP004775-PA
JHU_Ag_44508	LPEEYAVWMGPLLGLEDFK	AGAP004775-PA	-	89	1.75E-08	1	2207.114	2.21	Midgut	2L:-:3415297-3415241	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_45844	SPAEIEVLR	AGAP004775-PA	-	46	0.000182304	1	1013.561	-1.9	Salivary gland	2L:-:3402246-3402220	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_45957	VVNELQR	AGAP004775-PA	-	46	0.000275 42	1	857.484	0.16	Malpighian tubule	2L:-:3415611-3415591	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_46357	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl)	141	1.11E-13	1	2092.010	-0.09	Midgut	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_48343	RLSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	64	2.09E-06	1	3160.689	-0.02	Malpighian tubule	2L:-:3412069-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA
JHU_Ag_48417	IEDDVLITK	AGAP004775-PA	-	53	8.52E-05	2	1045.576	-1.11	Ovary	2L:-:3401368-3401342	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_48802	KYEVDTVHYVDEISK	AGAP004775-PA	-	130	1.45E-12	1	1824.909	3.92	Midgut	2L:-:3415237-3415393,3412031-3412070	exon=> In CDS Exon 3 and 2 of transcript AGAP004775-PA
JHU_Ag_52039	AMKPGMHEYQAEAEFLR	AGAP004775-PA	M2(Oxidation),M6(Oxidation),"M2(Oxidation), M6(Oxidation)"	96	3.22E-09	1	2039.929	-1.15	Midgut	2L:-:3402174-3402124	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_54612	TGIENFTLVPR	AGAP004775-PA	-	63	6.30E-06	1	1246.679	0.14	Midgut	2L:-:3401341-3401309	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_55239	ATLYVPR	AGAP004775-PA	-	38	0.001352942	2	819.473	0.74	Malpighian tubule	2L:-:3415318-3415298	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_56526	IEDDVLITK	AGAP004775-PA	-	41	0.001319076	2	1045.578	0.06	Malpighian tubule	2L:-:3401368-3401342	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_57012	LPEEYAVWMGPLLGLEDFKK	AGAP004775-PA	M9(Oxidation)	156	2.77E-15	1	2335.197	-3.12	Midgut	2L:-:3415297-3415238	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_58294	ATLYVPR	AGAP004775-PA	-	42	0.000514374	1	819.472	0.07	Midgut	2L:-:3415318-3415298	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_60516	EGVSWVDMHLLANR	AGAP004775-PA	M8(Oxidation)	121	1.35E-11	1	1642.802	0.53	Midgut	2L:-:3401844-3401803	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_63684	AVFQMGSHTHAISMTLYRDNR	AGAP004775-PA	N-Term(Acetyl), M14(Oxidation)	35	0.005162304	1	2493.179	1.13	Malpighian tubule	2L:-:3415680-3415618	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_63796	AHNFGADSKPVILLQGGDNISHYDTDVDYVFR	AGAP004775-PA	-	159	1.42E-15	1	3563.719	0.07	Midgut	2L:-:3415590-3415495	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_65147	LSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	63	3.20E-06	1	3004.601	4.26	Salivary gland	2L:-:3412066-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA
JHU_Ag_65650	ATLYVPR	AGAP004775-PA	-	45	0.000180064	2	819.471	-1.57	Salivary gland	2L:-:3415318-3415298	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_65707	LVYNAVLAAR	AGAP004775-PA	-	68	6.70E-07	2	1089.644	2.55	Salivary gland	2L:-:3401898-3401869	exon=> In CDS Exon 6 of transcript AGAP004775-PA

JHU_Ag_68409	LSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	107	1.13E-10	1	3004.598	3.53	Visceras	2L:-:3412066-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA
JHU_Ag_68569	TGIENFTLVPR	AGAP004775-PA	-	57	3.00E-05	1	1246.682	2.2	Pupa	2L:-:3401341-3401309	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_69491	TGIENFTLVPR	AGAP004775-PA	-	76	3.23E-07	1	1246.679	-0.45	Ovary	2L:-:3401341-3401309	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_71298	AYADPSLSK	AGAP004775-PA	-	42	0.000966465	1	951.478	-0.35	Midgut	2L:-:3401446-3401420	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_73647	KYEVDTVHYVDEISK	AGAP004775-PA	-	119	1.85E-11	1	1824.918	9.13	Ovary	2L:-:3415237-3415393,3412031-3412070	exon=> In CDS Exon 3 and 2 of transcript AGAP004775-PA
JHU_Ag_74929	AHNFGADSKPVILLQGGDNISHYDTDVDYVFR	AGAP004775-PA	-	120	1.22E-11	1	3563.720	0.22	Malpighian tubule	2L:-:3415590-3415495	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_75436	LPEEYAVWMGPLLGLEDFKK	AGAP004775-PA	M9(Oxidation)	135	4.16E-13	1	2351.211	4.81	Malpighian tubule	2L:-:3415297-3415238	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_76718	AMKPGMHEYQAEAEFLR	AGAP004775-PA	M2(Oxidation), M6(Oxidation)	84	4.66E-08	1	2039.933	0.82	Malpighian tubule	2L:-:3402174-3402124	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_77461	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl), M14(Oxidation)	84	5.42E-08	1	2108.001	-1.96	Midgut	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_78137	TVDEIEAWMAK	AGAP004775-PA	-	49	0.000193091	2	1292.620	0.85	Malpighian tubule	2L:-:3401308-3401458,3401188-3401191	exon=> In CDS Exon 8 and 7 of transcript AGAP004775-PA
JHU_Ag_78531	SPAEIEVLR	AGAP004775-PA	-	54	3.55E-05	1	1013.562	-0.21	Pupa	2L:-:3402246-3402220	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_82900	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl), M5(Oxidation), M14(Oxidation)	58	2.79E-05	1	2123.999	-0.36	Ovary	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_84301	YEVDTVHYVDEISK	AGAP004775-PA	-	84	7.63E-08	1	1696.809	1.62	Midgut	2L:-:3415234-3415393,3412031-3412070	exon=> In CDS Exon 3 and 2 of transcript AGAP004775-PA
JHU_Ag_85754	TVDEIEAWMAK	AGAP004775-PA	M9(Oxidation)	83	6.52E-08	1	1308.613	-0.69	Midgut	2L:-:3401308-3401458,3401188-3401191	exon=> In CDS Exon 8 and 7 of transcript AGAP004775-PA
JHU_Ag_87052	RLSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	81	3.52E-08	1	3160.689	-0.14	Midgut	2L:-:3412069-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA
JHU_Ag_87126	ATLYVPR	AGAP004775-PA	-	42	0.000553706	2	819.472	-0.3	Pupa	2L:-:3415318-3415298	exon=> In CDS Exon 2 of transcript AGAP004775-PA
JHU_Ag_87186	VMLEELRK	AGAP004775-PA	-	35	0.003539487	1	1017.575	-1.17	Midgut	2L:-:3401802-3401779	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_87288	LVYNAVLAAR	AGAP004775-PA	-	71	3.80E-07	1	1089.642	0.2	Ovary	2L:-:3401898-3401869	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_92508	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl), M5(Oxidation), M14(Oxidation)	61	1.54E-05	1	2124.004	1.8	Malpighian tubule	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_93334	DAVCGAAR	AGAP004775-PA	C4(Carbamidomethyl)	43	0.000788524	2	819.378	-0.25	Midgut	2L:-:3401868-3401845	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_93471	LSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	94	2.34E-09	1	3004.598	3.41	Head	2L:-:3412066-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA
JHU_Ag_93609	AVFQMGSHTHAISMTLYRDNR	AGAP004775-PA	N-Term(Acetyl), M5(Oxidation)	42	0.001006216	1	2493.174	-0.82	Malpighian tubule	2L:-:3415680-3415618	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_97695	LSEVEPSVLLLLSGPNSDSGSVAKPAYFK	AGAP004775-PA	-	112	3.54E-11	1	3004.594	1.88	Pupa	2L:-:3412066-3412078,3408287-3408298	exon=> In CDS Exon 4 and 3 of transcript AGAP004775-PA

JHU_Ag_98103	LVYNAVLAAR	AGAP004775-PA	-	43	0.000256 03	2	1089.641	-0.13	Visceras	2L:-:3401898-3401869	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_101753	EGVSWVDMHLLANR	AGAP004775-PA	-	53	7.27E-05	1	1626.806	0.26	Pupa	2L:-:3401844-3401803	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_103391	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl)	86	3.33E-08	1	2092.009	-0.88	Visceras	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_104266	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl)	88	2.39E-08	1	2092.009	-0.53	Malpighian tubule	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_105889	YEVDTVHYVDEISKR	AGAP004775-PA	-	110	1.35E-10	1	1852.908	0.21	Midgut	2L:-:3415234-3415393,3412031-3412067	exon=> In CDS Exon 3 and 2 of transcript AGAP004775-PA
JHU_Ag_106702	LVYNAVLAAR	AGAP004775-PA	N4(Deamidated)	81	3.77E-08	1	1089.642	-0.02	Midgut	2L:-:3401898-3401869	exon=> In CDS Exon 6 of transcript AGAP004775-PA
JHU_Ag_107263	AVFQMGSHTHAISMTLYR	AGAP004775-PA	N-Term(Acetyl), M5(Oxidation)	93	9.19E-09	1	2108.009	1.68	Malpighian tubule	2L:-:3415680-3415627	exon=> In CDS Exon 1 of transcript AGAP004775-PA
JHU_Ag_109949	TGIENFTLVPR	AGAP004775-PA	-	76	3.40E-07	1	1246.679	-0.15	Malpighian tubule	2L:-:3401341-3401309	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_113166	AYADPSLSK	AGAP004775-PA	-	41	0.001081 753	1	951.478	0.05	Malpighian tubule	2L:-:3401446-3401420	exon=> In CDS Exon 7 of transcript AGAP004775-PA
JHU_Ag_114177	KYEVDTVHYVDEISK	AGAP004775-PA	-	73	8.53E-07	2	1824.906	2.64	Head	2L:-:3415237-3415393,3412031-3412070	exon=> In CDS Exon 3 and 2 of transcript AGAP004775-PA
JHU_Ag_73483	LELLQK	AGAP004776-PA	Q5(Deamidated)	43	0.000274 258	2	744.449	-1.61	Head	2L:+:3403641-3403658	exon=> In CDS Exon 1 of transcript AGAP004776-PA
JHU_Ag_88147	LELLQK	AGAP004776-PA	Q5(Deamidated)	46	0.000292 021	2	744.454	5.04	Male reproductive organs	2L:+:3403641-3403658	exon=> In CDS Exon 1 of transcript AGAP004776-PA
JHU_Ag_97811	AILDLLDELR	AGAP004777-PA	-	35	0.001777 768	2	1170.677	3.21	Visceras	2L:-:3406490-3406461	exon=> In CDS Exon 1 of transcript AGAP004777-PA
JHU_Ag_52745	LITETLK	AGAP004778-PA	-	36	0.000822 022	2	817.503	0.44	Ovary	2L:+:3446870-3446890	exon=> In CDS Exon 3 of transcript AGAP004778-PA
JHU_Ag_4275	ELSAQALNNLTK	AGAP004782-PA	-	75	5.34E-07	2	1301.706	0.16	Ovary	2L:-:3471213-3471178	exon=> In CDS Exon 2 of transcript AGAP004782-PA
JHU_Ag_6957	IASALLVTAVFDR	AGAP004782-PA	-	73	1.67E-07	2	1375.795	0.38	Head	2L:-:3471568-3471530	exon=> In CDS Exon 1 of transcript AGAP004782-PA
JHU_Ag_55897	EASLNALYAFLTK	AGAP004782-PA	-	59	1.14E-05	2	1440.774	0.51	Ovary	2L:-:3470283-3470245	exon=> In CDS Exon 3 of transcript AGAP004782-PA
JHU_Ag_60115	SVTEDDFEHAYEEYSGIFSK	AGAP004782-PA	-	45	0.000240 062	1	2353.023	3.67	Ovary	2L:-:3472891-3472832	exon=> In CDS Exon 1 of transcript AGAP004782-PA
JHU_Ag_63990	TFTSLIYHEPEIPHMTHR	AGAP004782-PA	M15(Oxidation)	68	2.21E-06	1	2225.081	0.05	Head	2L:-:3470139-3470086	exon=> In CDS Exon 3 of transcript AGAP004782-PA
JHU_Ag_72349	HGAVLAIGEVINALQK	AGAP004782-PA	-	60	2.37E-06	1	1632.942	-0.85	Ovary	2L:-:3471099-3471052	exon=> In CDS Exon 2 of transcript AGAP004782-PA
JHU_Ag_90210	SNAFLNISEYIAK	AGAP004782-PA	-	45	0.000370 988	2	1469.766	1.8	Ovary	2L:-:3471409-3471371	exon=> In CDS Exon 1 of transcript AGAP004782-PA
JHU_Ag_90842	DDSCSPVVAFLVAR	AGAP004782-PA	C4(Carbamidomethyl)	55	5.82E-05	2	1535.761	5.43	Head	2L:-:3472447-3472406	exon=> In CDS Exon 1 of transcript AGAP004782-PA
JHU_Ag_102690	LGPLSAIACILK	AGAP004782-PA	C9(Carbamidomethyl)	89	4.45E-09	2	1255.750	4.85	Ovary	2L:-:3472312-3472277	exon=> In CDS Exon 1 of transcript AGAP004782-PA
JHU_Ag_107443	LGPLSAIACILK	AGAP004782-PA	C9(Carbamidomethyl)	39	0.000380 229	1	1255.748	2.81	Male reproductive organs	2L:-:3472312-3472277	exon=> In CDS Exon 1 of transcript AGAP004782-PA
JHU_Ag_91928	LTQFAPNTYTYTK	AGAP004784-PA	-	44	0.000697 822	1	1547.771	-2.11	Pupa	2L:+:3520829-3520867	exon=> In CDS Exon 3 of transcript AGAP004784-PA
JHU_Ag_46121	AFKLHNLEEGPSTK	AGAP004786-PA	-	78	2.09E-07	1	1570.823	0.22	Malpighian tubule	2L:+:3546983-3547024	exon=> In CDS Exon 3 of transcript AGAP004786-PA

JHU_Ag_5661	EISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	34	0.005433645	1	2449.218	3.54	Malpighian tubule	2L:+:3547937-3548002;2L:+:3361205-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_5697	GPILMETATYR	AGAP004786-PA,AGAP004773-PA	M5(Oxidation)	62	9.00E-06	1	1267.636	0.5	Ovary	2L:+:3547697-3547729;2L:+:3360965-3360997	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_7283	ILTTELATVEELK	AGAP004786-PA,AGAP004773-PA	-	91	5.49E-09	2	1459.826	0.51	Male reproductive organs	2L:+:3547835-3547873;2L:+:3361103-3361141	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_8389	ILTTELATVEELKEIEGK	AGAP004786-PA,AGAP004773-PA	-	98	1.04E-09	1	2016.107	-2.2	Male reproductive organs	2L:+:3547835-3547888;2L:+:3361103-3361156	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_8802	GFCHLYSGQEACAVGMR	AGAP004786-PA,AGAP004773-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), M16(Oxidation)	100	4.44E-10	1	1958.827	-2.03	Male reproductive organs	2L:+:3547130-3547180;2L:+:3360398-3360448	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_9315	TDKEISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	69	1.66E-06	1	2793.381	0.66	Head	2L:+:3547928-3548002;2L:+:3361196-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_9320	NFYGGNGIVGAQVPLGVGIGFAAK	AGAP004786-PA,AGAP004773-PA	-	130	5.95E-13	1	2306.228	-0.48	Head	2L:+:3547340-3547411;2L:+:3360608-3360679	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_11482	LHNLEEGPSTK	AGAP004786-PA,AGAP004773-PA	-	70	1.40E-06	1	1224.617	-4.14	Head	2L:+:3546992-3547024;2L:+:3360260-3360292	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_11677	DPITSLREK	AGAP004786-PA,AGAP004773-PA	-	38	0.002751 15	1	1058.582	-2.14	Malpighian tubule	2L:+:3547808-3547834;2L:+:3361076-3361102	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_13471	GFCHLYSGQEACAVGMR	AGAP004786-PA,AGAP004773-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	83	3.36E-08	1	1942.837	0.76	Malpighian tubule	2L:+:3547130-3547180;2L:+:3360398-3360448	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_14877	AAMRPEDSCITAYR	AGAP004786-PA,AGAP004773-PA	M3(Oxidation), C9(Carbamidomethyl),C9(Carbamidomethyl)	69	1.49E-06	1	1656.751	2.5	Malpighian tubule	2L:+:3547181-3547222;2L:+:3360449-3360490	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_17433	GPILMETATYR	AGAP004786-PA,AGAP004773-PA	M5(Oxidation)	81	1.12E-07	1	1267.635	0.21	Salivary gland	2L:+:3547697-3547729;2L:+:3360965-3360997	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_17598	ILTTELATVEELK	AGAP004786-PA,AGAP004773-PA	-	105	2.17E-10	2	1459.828	1.52	Head	2L:+:3547835-3547873;2L:+:3361103-3361141	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_17674	ILTTELATVEELKEIEGK	AGAP004786-PA,AGAP004773-PA	-	31	0.004584511	1	2016.116	2.6	Head	2L:+:3547835-3547888;2L:+:3361103-3361156	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_19054	SRDEIAEVR	AGAP004786-PA,AGAP004773-PA	-	57	3.75E-05	2	1074.555	0.69	Malpighian tubule	2L:+:3547772-3547798;2L:+:3361040-3361066	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_21056	FALEHTSSGK	AGAP004786-PA,AGAP004773-PA	-	66	5.39E-06	1	1076.534	-3.16	Head	2L:+:3547667-3547696;2L:+:3360935-3360964	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_21169	YYGQMYTIR	AGAP004786-PA,AGAP004773-PA	-	60	1.35E-05	1	1194.565	2.95	Malpighian tubule	2L:+:3547055-3547081;2L:+:3360323-3360349	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_21692	YYGQMYTIR	AGAP004786-PA,AGAP004773-PA	M5(Oxidation)	64	5.81E-06	1	1194.559	-2.06	Head	2L:+:3547055-3547081;2L:+:3360323-3360349	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA

JHU_Ag_32553	LHNLEEGPSTK	AGAP004786-PA,AGAP004773-PA	-	59	1.66E-05	1	1224.624	1.44	Malpighian tubule	2L:+:3546992-3547024;2L:+:3360260-3360292	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_33095	TDKEISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	43	0.000706674	3	2793.381	0.72	Male reproductive organs	2L:+:3547928-3548002;2L:+:3361196-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_39293	IRAEVDSATK	AGAP004786-PA,AGAP004773-PA	-	48	0.00022123	1	1089.590	0.2	Malpighian tubule	2L:+:3547889-3547918;2L:+:3361157-3361186	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_40631	NFYGGNGIVGAQVPLGVGIGFAAK	AGAP004786-PA,AGAP004773-PA	-	66	1.62E-06	1	2306.235	2.54	Malpighian tubule	2L:+:3547340-3547411;2L:+:3360608-3360679	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_41584	ASANTNYYTR	AGAP004786-PA,AGAP004773-PA	-	82	6.02E-08	2	1160.534	0.87	Malpighian tubule	2L:+:3547571-3547600;2L:+:3360839-3360868	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_42099	IRAEVDSATK	AGAP004786-PA,AGAP004773-PA	-	46	0.000429701	1	1089.594	3.56	Salivary gland	2L:+:3547889-3547918;2L:+:3361157-3361186	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_42284	TDKEISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	111	1.09E-10	1	2793.387	2.69	Ovary	2L:+:3547928-3548002;2L:+:3361196-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_48240	ILTTELATVEELKEIEGK	AGAP004786-PA,AGAP004773-PA	-	36	0.001380395	1	2016.119	3.97	Visceras	2L:+:3547835-3547888;2L:+:3361103-3361156	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_51451	ILTTELATVEELK	AGAP004786-PA,AGAP004773-PA	-	70	5.00E-07	2	1459.834	5.53	Malpighian tubule	2L:+:3547835-3547873;2L:+:3361103-3361141	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_53610	AAMRPEDSCITAYR	AGAP004786-PA,AGAP004773-PA	M3(Oxidation), C9(Carbamidomethyl),C9(Carbamidomethyl)	74	3.70E-07	1	1656.749	1.39	Head	2L:+:3547181-3547222;2L:+:3360449-3360490	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_53638	NTVPHAELQHKR	AGAP004786-PA,AGAP004773-PA	-	89	1.66E-08	1	1429.769	2.3	Malpighian tubule	2L:+:3548003-3548038;2L:+:3361271-3361306	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_55935	YYGQMYTIR	AGAP004786-PA,AGAP004773-PA	M5(Oxidation)	50	0.000101806	2	1210.556	-0.35	Salivary gland	2L:+:3547055-3547081;2L:+:3360323-3360349	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_56952	TDKEISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	128	2.33E-12	1	2793.391	4.13	Malpighian tubule	2L:+:3547928-3548002;2L:+:3361196-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_57672	IRAEVDSATK	AGAP004786-PA,AGAP004773-PA	-	67	2.92E-06	1	1089.588	-1.33	Head	2L:+:3547889-3547918;2L:+:3361157-3361186	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_57996	FALEHTSSGK	AGAP004786-PA,AGAP004773-PA	-	47	0.000449217	2	1076.538	0.58	Male reproductive organs	2L:+:3547667-3547696;2L:+:3360935-3360964	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_62552	LHNLEEGPSTK	AGAP004786-PA,AGAP004773-PA	-	56	3.00E-05	1	1224.624	1.5	Male reproductive organs	2L:+:3546992-3547024;2L:+:3360260-3360292	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_62948	GPILMETATYR	AGAP004786-PA,AGAP004773-PA	-	62	1.01E-05	1	1251.644	2.69	Malpighian tubule	2L:+:3547697-3547729;2L:+:3360965-3360997	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_63043	FALEHTSSGK	AGAP004786-PA,AGAP004773-PA	-	45	0.000610719	1	1076.538	0.97	Ovary	2L:+:3547667-3547696;2L:+:3360935-3360964	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA

JHU_Ag_64840	YYGQMYTIR	AGAP004786-PA,AGAP004773-PA	M5(Oxidation)	52	6.19E-05	2	1210.556	0.05	Male reproductive organs	2L:+:3547055-3547081;2L:+:3360323-3360349	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_71260	NFYGGNGIVGAQVPLGVGIGFAAK	AGAP004786-PA,AGAP004773-PA	N6(Deamidated),N1(Deamidated)	146	1.69E-14	1	2306.233	1.74	Salivary gland	2L:+:3547340-3547411;2L:+:3360608-3360679	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_73509	LHNLEEGPSTK	AGAP004786-PA,AGAP004773-PA	-	69	1.84E-06	1	1224.620	-1.65	Midgut	2L:+:3546992-3547024;2L:+:3360260-3360292	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_73974	TDKEISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	59	1.89E-05	1	2793.387	2.89	Visceras	2L:+:3547928-3548002;2L:+:3361196-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_74647	GPILMETATYR	AGAP004786-PA,AGAP004773-PA	-	71	1.19E-06	2	1251.640	0.05	Head	2L:+:3547697-3547729;2L:+:3360965-3360997	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_75655	NTVPHAELQHK	AGAP004786-PA,AGAP004773-PA	-	63	9.32E-06	1	1273.665	0.22	Head	2L:+:3548003-3548035;2L:+:3361271-3361303	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_87915	EISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	77	3.07E-07	2	2449.214	2.05	Head	2L:+:3547937-3548002;2L:+:3361205-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_90319	METAAGNLYK	AGAP004786-PA,AGAP004773-PA	-	49	0.000121882	2	1097.530	-0.03	Head	2L:+:3547085-3547114;2L:+:3360353-3360382	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_90985	GFCHLYSGQEACAVGMR	AGAP004786-PA,AGAP004773-PA	C3(Carbamidomethyl),C12(Carbamidomethyl),M16(Oxidation)	75	1.24E-07	1	1958.832	0.61	Salivary gland	2L:+:3547130-3547180;2L:+:3360398-3360448	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_92331	FALEHTSSGKGPILMETATYR	AGAP004786-PA,AGAP004773-PA	-	131	9.15E-13	1	2309.166	2.84	Malpighian tubule	2L:+:3547667-3547729;2L:+:3360935-3360997	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_97895	GGSMHMYGK	AGAP004786-PA,AGAP004773-PA	M4(Oxidation),M6(Oxidation)	32	0.001014	1	999.403	0.57	Head	2L:+:3547313-3547339;2L:+:3360581-3360607	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_104939	GDFVPGIWVDGMDVLAVR	AGAP004786-PA,AGAP004773-PA	M12(Oxidation)	61	1.31E-05	1	1945.986	0.82	Salivary gland	2L:+:3547601-3547654;2L:+:3360869-3360922	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_105980	ILTTELATVEELKEIEGK	AGAP004786-PA,AGAP004773-PA	-	82	3.44E-08	1	2016.110	-0.69	Salivary gland	2L:+:3547835-3547888;2L:+:3361103-3361156	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_106606	ILTTELATVEELK	AGAP004786-PA,AGAP004773-PA	-	98	1.08E-09	2	1459.830	2.77	Salivary gland	2L:+:3547835-3547873;2L:+:3361103-3361141	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_107329	NFYGGNGIVGAQVPLGVGIGFAAK	AGAP004786-PA,AGAP004773-PA	-	49	8.09E-05	1	2306.236	2.96	Midgut	2L:+:3547340-3547411;2L:+:3360608-3360679	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_109900	TDKEISVDELTADIYANPENLTSVR	AGAP004786-PA,AGAP004773-PA	-	77	2.82E-07	1	2793.383	1.58	Salivary gland	2L:+:3547928-3548002;2L:+:3361196-3361270	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_111018	ILTTELATVEELKEIEGK	AGAP004786-PA,AGAP004773-PA	-	120	5.73E-12	1	2016.120	4.33	Malpighian tubule	2L:+:3547835-3547888;2L:+:3361103-3361156	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_113746	GPILMETATYR	AGAP004786-PA,AGAP004773-PA	M5(Oxidation)	86	3.96E-08	1	1267.638	2.52	Male reproductive organs	2L:+:3547697-3547729;2L:+:3360965-3360997	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA

JHU_Ag_116319	SRDEIAEVR	AGAP004786-PA,AGAP004773-PA	-	57	3.80E-05	1	1074.548	-5.22	Head	2L:+:3547772-3547798;2L:+:3361040-3361066	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA
JHU_Ag_43849	YSGHSMSDPGTSYR	AGAP004786-PA,AGAP004773-PA,AGAP003030-PA	-	55	1.11E-05	1	1544.639	-2.76	Visceras	2L:+:3547730-3547771;2L:+:3360998-3361039;2R:-:31252770-31252729	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA;exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_107315	YSGHSMSDPGTSYR	AGAP004786-PA,AGAP004773-PA,AGAP003030-PA	M6(Oxidation)	64	1.56E-06	1	1544.638	-3.79	Head	2L:+:3547730-3547771;2L:+:3360998-3361039;2R:-:31252770-31252729	exon=> In CDS Exon 3 of transcript AGAP004786-PA;exon=> In CDS Exon 1 of transcript AGAP004773-PA;exon=> In CDS Exon 5 of transcript AGAP003030-PA
JHU_Ag_4741	IFNGETMR	AGAP004788-PA	M7(Oxidation)	54	4.24E-05	2	983.459	-2.62	Head	2L:+:3573861-3573884	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_45159	AGGGDESKLTGLSR	AGAP004788-PA	-	109	2.48E-10	1	1347.687	0.7	Head	2L:+:3573819-3573860	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_50208	ATYASIGLLILYFSLKPSK	AGAP004788-PA	-	34	0.000566675	1	2085.205	2.39	Ovary	2L:+:3574004-3574060	exon=> In CDS Exon 2 of transcript AGAP004788-PA
JHU_Ag_63894	AGGGDESKLTGLSR	AGAP004788-PA	-	62	1.27E-05	1	1347.687	0.26	Salivary gland	2L:+:3573819-3573860	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_68174	ATYASIGLLILYFSLKPSKK	AGAP004788-PA	-	46	1.01E-05	1	2213.314	8.6	Malpighian tubule	2L:+:3574004-3574063	exon=> In CDS Exon 2 of transcript AGAP004788-PA
JHU_Ag_75060	IFNGETMR	AGAP004788-PA	M7(Oxidation)	48	0.00017596	1	983.460	-2	Ovary	2L:+:3573861-3573884	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_82405	IFNGETMR	AGAP004788-PA	N3(Deamidated), M7(Oxidation)	27	0.017786479	2	984.444	-1.76	Midgut	2L:+:3573861-3573884	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_86340	AGGGDESKLTGLSR	AGAP004788-PA	N-Term(Acetyl)	49	0.00022773	1	1389.700	1.95	Malpighian tubule	2L:+:3573819-3573860	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_93093	IFNGETMR	AGAP004788-PA	M7(Oxidation)	63	5.72E-06	2	967.468	0.91	Visceras	2L:+:3573861-3573884	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_105596	AGGGDESKLTGLSR	AGAP004788-PA	-	115	4.81E-11	1	1347.689	2.24	Malpighian tubule	2L:+:3573819-3573860	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_113286	IFNGETMR	AGAP004788-PA	N3(Deamidated),M7(Oxidation)	60	9.68E-06	1	968.452	0.97	Malpighian tubule	2L:+:3573861-3573884	exon=> In CDS Exon 1 of transcript AGAP004788-PA
JHU_Ag_106701	VIMIVNK	AGAP004792-PA,AGAP004792-PB	M3(Oxidation)	33	0.002363139	2	832.507	12.54	Head	2L:+:3581451-3581471;2L:+:3581451-3581471	exon=> In CDS Exon 4 of transcript AGAP004792-PA;exon=> In CDS Exon 4 of transcript AGAP004792-PB
JHU_Ag_6333	MGQLLR	AGAP004793-PA,AGAP004793-PB	M1(Oxidation)	46	0.000398865	2	733.403	-0.07	Midgut	2L:+:3590238-3590255;2L:+:3590238-3590255	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_20228	IVQALTEQAQVLTLTSR	AGAP004793-PA,AGAP004793-PB	-	119	3.55E-12	1	1871.059	-0.19	Midgut	2L:+:3589392-3589441,3589523-3589523;2L:+:3589392-3589441,3589523-3589523	exon=> In CDS Exon 2 and 3 of transcript AGAP004793-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP004793-PB
JHU_Ag_28881	IVQALTEQAQVLTLTSR	AGAP004793-PA,AGAP004793-PB	-	50	2.20E-05	1	1871.068	4.44	Ovary	2L:+:3589392-3589441,3589523-3589523;2L:+:3589392-3589441,3589523-3589523	exon=> In CDS Exon 2 and 3 of transcript AGAP004793-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP004793-PB
JHU_Ag_33647	VAIAALQVLVEEK	AGAP004793-PA,AGAP004793-PB	-	110	2.43E-11	2	1382.826	0.75	Midgut	2L:+:3590178-3590216;2L:+:3590178-3590216	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB

JHU_Ag_43983	YNVLFIADEVQTGLAR	AGAP004793-PA,AGAP004793-PB	-	92	7.04E-09	2	1808.961	3.95	Ovary	2L:+:3589950-3589997;2L:+:3589950-3589997	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_48307	ELPTDVVSIVR	AGAP004793-PA,AGAP004793-PB	-	45	0.000235404	2	1227.698	2.88	Ovary	2L:+:3590268-3590300;2L:+:3590268-3590300	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_50792	MLAVDHEDVKPDILILGK	AGAP004793-PA,AGAP004793-PB	M1(Oxidation)	45	0.000220932	1	2022.096	1.08	Head	2L:+:3590007-3590060;2L:+:3590007-3590060	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_55183	MLAVDHEDVKPDILILGK	AGAP004793-PA,AGAP004793-PB	M1(Oxidation)	103	4.00E-10	1	2022.095	0.39	Midgut	2L:+:3590007-3590060;2L:+:3590007-3590060	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_57943	YNVLFIADEVQTGLAR	AGAP004793-PA,AGAP004793-PB	-	68	1.42E-06	2	1808.963	4.96	Pupa	2L:+:3589950-3589997;2L:+:3589950-3589997	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_58047	IVQALTEQAQVLTLTSR	AGAP004793-PA,AGAP004793-PB	-	82	1.93E-08	1	1871.058	-0.91	Head	2L:+:3589392-3589441,3589523-3589523;2L:+:3589392-3589441,3589523-3589523	exon=> In CDS Exon 2 and 3 of transcript AGAP004793-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP004793-PB
JHU_Ag_71169	LKENGLIAKPTHGDIIR	AGAP004793-PA,AGAP004793-PB	-	60	1.42E-06	1	1875.084	1.72	Ovary	2L:+:3590367-3590417;2L:+:3590367-3590417	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_90709	YNVLFIADEVQTGLAR	AGAP004793-PA,AGAP004793-PB	-	56	2.49E-05	2	1808.958	2.13	Midgut	2L:+:3589950-3589997;2L:+:3589950-3589997	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_92413	LKENGLIAKPTHGDIIR	AGAP004793-PA,AGAP004793-PB	N4(Deamidated)	68	2.80E-07	1	1875.079	-1.11	Midgut	2L:+:3590367-3590417;2L:+:3590367-3590417	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_94381	MLAVDHEDVKPDILILGK	AGAP004793-PA,AGAP004793-PB	M1(Oxidation)	95	2.43E-09	1	2022.091	-1.49	Ovary	2L:+:3590007-3590060;2L:+:3590007-3590060	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_95998	AFYSNVLGEYEQFVTNLFGYDK	AGAP004793-PA,AGAP004793-PB	-	122	9.51E-12	2	2604.230	0.25	Midgut	2L:+:3589524-3589589;2L:+:3589524-3589589	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_103840	ALQDPHVCAFMVEPIQGEAGVVVPDEGYLR	AGAP004793-PA,AGAP004793-PB	C8(Carbamidomethyl)	77	2.11E-07	1	3296.622	4.37	Midgut	2L:+:3589836-3589925;2L:+:3589836-3589925	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_105049	IIFAEGNFWGR	AGAP004793-PA,AGAP004793-PB	-	80	1.26E-07	1	1309.669	0.48	Midgut	2L:+:3589692-3589724;2L:+:3589692-3589724	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_107586	ELPTDVVSIVR	AGAP004793-PA,AGAP004793-PB	-	54	3.46E-05	2	1227.694	-0.11	Midgut	2L:+:3590268-3590300;2L:+:3590268-3590300	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_110987	VLPMNTGVEGGETACK	AGAP004793-PA,AGAP004793-PB	M4(Oxidation),C15(Carbamidomethyl),C15(Carbamidomethyl)	80	1.31E-07	2	1678.776	-0.77	Midgut	2L:+:3589590-3589637;2L:+:3589590-3589637	exon=> In CDS Exon 3 of transcript AGAP004793-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PB
JHU_Ag_116889	YYDFLSAYSAVNQGHCHPK	AGAP004793-PA,AGAP004793-PB,AGAP012615-PA	C16(Carbamidomethyl)	36	0.003244072	1	2257.027	5.92	Ovary	2L:+:3589335-3589391;2L:+:3589335-3589391;UNKN:-:20474865-20474809	exon=> In CDS Exon 2 of transcript AGAP004793-PA;exon=> In CDS Exon 1 of transcript AGAP004793-PB;exon=> In CDS Exon 1 of transcript AGAP012615-PA

JHU_Ag_19139	SSKPAGVYYISTAPNEPFLR	AGAP004794-PA	-	41	0.000995188	3	2197.132	1.39	Head	2L:+:3598203-3598262	exon=> In CDS Exon 2 of transcript AGAP004794-PA
JHU_Ag_74019	ALGFFSNIGQADYYPNGGVR	AGAP004794-PA	-	43	0.000650152	2	2146.034	-0.62	Head	2L:+:3597975-3598034	exon=> In CDS Exon 2 of transcript AGAP004794-PA
JHU_Ag_114382	IGYIVGLDPASPLFR	AGAP004794-PA	-	62	4.03E-06	2	1617.906	3.83	Head	2L:+:3597858-3597902	exon=> In CDS Exon 2 of transcript AGAP004794-PA
JHU_Ag_5610	AGNFTEAILHYTHAIK	AGAP004797-PA	-	83	6.00E-08	1	1785.938	5.16	Ovary	2L:-:3636912-3636865	exon=> In CDS Exon 2 of transcript AGAP004797-PA
JHU_Ag_812	RDFETADR	AGAP004798-PA	-	38	0.002203786	2	1009.472	2.63	Malpighian tubule	2L:-:3640916-3640893	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_2383	IPEAAFFAR	AGAP004798-PA	-	61	1.30E-05	1	1021.546	-0.4	Midgut	2L:-:3639988-3640119,3639650-3639851	exon=> In CDS Exon 12 and 11 of transcript AGAP004798-PA
JHU_Ag_6077	HSEMQQVNLK	AGAP004798-PA	M4(Oxidation)	69	1.32E-06	1	1229.597	2.53	Malpighian tubule	2L:-:3643520-3643491	exon=> In CDS Exon 4 of transcript AGAP004798-PA
JHU_Ag_7069	VDIGMIQNALATK	AGAP004798-PA	M5(Oxidation)	62	9.72E-06	2	1389.736	-3.56	Male reproductive organs	2L:-:3641407-3641369	exon=> In CDS Exon 8 of transcript AGAP004798-PA
JHU_Ag_7783	VWQLGSNVPNFTLEGHEK	AGAP004798-PA	-	73	6.67E-07	2	2055.036	3.13	Salivary gland	2L:-:3644101-3644048	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_10812	DFEVCDLPVR	AGAP004798-PA	C5(Carbamidomethyl)	66	4.30E-06	2	1249.591	2.42	Malpighian tubule	2L:-:3644544-3644515	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_11416	IGDLDTALMLAR	AGAP004798-PA	M9(Oxidation)	68	2.54E-06	2	1304.690	1.19	Male reproductive organs	2L:-:3640766-3640731	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_11990	WSQLAGIATSK	AGAP004798-PA	-	64	4.83E-06	2	1161.630	3.12	Salivary gland	2L:-:3640709-3640677	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_12178	INYYVGGEIVTVSHLDR	AGAP004798-PA	-	48	0.000193361	1	1935.002	2.33	Salivary gland	2L:-:3641176-3641126	exon=> In CDS Exon 9 of transcript AGAP004798-PA
JHU_Ag_12602	VFNYNTLEK	AGAP004798-PA	-	40	0.001022876	1	1127.574	0.85	Salivary gland	2L:-:3644451-3644425	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_14180	VAHFLEMQGFR	AGAP004798-PA	M7(Oxidation)	44	0.000645117	2	1350.667	3.08	Salivary gland	2L:-:3640856-3640824	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_15557	VWQLGSNVPNFTLEGHEK	AGAP004798-PA	-	71	9.40E-07	2	2055.029	-0.43	Head	2L:-:3644101-3644048	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_17636	IGDLDTALMLAR	AGAP004798-PA	M9(Oxidation)	57	3.49E-05	2	1304.689	0.63	Salivary gland	2L:-:3640766-3640731	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_18111	TQQFLLPER	AGAP004798-PA	-	39	0.001549594	2	1131.619	2.73	Malpighian tubule	2L:-:3639709-3639683	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_18348	VWQLGSNVPNFTLEGHEK	AGAP004798-PA	-	63	6.06E-06	1	2055.032	1.05	Ovary	2L:-:3644101-3644048	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_18656	IGDLDTALMLAR	AGAP004798-PA	M9(Oxidation)	69	2.25E-06	2	1288.694	0.39	Ovary	2L:-:3640766-3640731	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_18717	NKFDLVK	AGAP004798-PA	-	42	0.000509907	1	863.499	0.65	Salivary gland	2L:-:3640676-3640656	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_19283	VGREEPAMSMDVNGGK	AGAP004798-PA	M8(Oxidation), M10(Oxidation)	44	0.000344451	1	1708.766	1.87	Malpighian tubule	2L:-:3643583-3643536	exon=> In CDS Exon 4 of transcript AGAP004798-PA
JHU_Ag_20447	TMYLLGYVPK	AGAP004798-PA	M2(Oxidation)	56	2.66E-05	2	1200.634	0.61	Salivary gland	2L:-:3641125-3641096	exon=> In CDS Exon 9 of transcript AGAP004798-PA
JHU_Ag_21336	VAHFLEMQGFR	AGAP004798-PA	M7(Oxidation)	41	0.001248272	1	1350.663	0.28	Midgut	2L:-:3640856-3640824	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_24200	IPEAAFFAR	AGAP004798-PA	-	67	2.46E-06	1	1021.549	2.47	Salivary gland	2L:-:3639988-3640119,3639650-3639851	exon=> In CDS Exon 12 and 11 of transcript AGAP004798-PA
JHU_Ag_24720	LETSLNYGFER	AGAP004798-PA	-	50	0.000118465	2	1328.645	-2.32	Male reproductive organs	2L:-:3643819-3643787	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_25805	VDIGMIQNALATK	AGAP004798-PA	-	66	3.61E-06	1	1373.747	0.61	Malpighian tubule	2L:-:3641407-3641369	exon=> In CDS Exon 8 of transcript AGAP004798-PA

JHU_Ag_29132	KSFTPDYGAEGIFGGQLLGVK	AGAP004798-PA	-	47	0.000173387	1	2184.152	8.55	Salivary gland	2L:-:3642069-3642238,3641569-3641640	exon=> In CDS Exon 7 and 6 of transcript AGAP004798-PA
JHU_Ag_33286	SFTPDYGAEGIFGGQLLGVK	AGAP004798-PA	-	99	2.05E-09	1	2056.042	1.4	Midgut	2L:-:3642066-3642238,3641569-3641640	exon=> In CDS Exon 7 and 6 of transcript AGAP004798-PA
JHU_Ag_38231	AGQSLADPQQYENLFPGFYDSVK	AGAP004798-PA	-	50	0.000166298	2	2574.213	-0.63	Head	2L:-:3639778-3639710	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_39927	GVNCVDYYHGGDKPYLISGADDR	AGAP004798-PA	C4(Carbamidomethyl)	82	8.86E-08	1	2571.162	1.9	Ovary	2L:-:3644047-3643979	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_40214	VFNYNTLEK	AGAP004798-PA	-	47	0.000192752	2	1127.572	-0.77	Male reproductive organs	2L:-:3644451-3644425	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_40320	DNNTFASASLDR	AGAP004798-PA	-	37	0.002255031	2	1310.600	2.25	Ovary	2L:-:3644146-3644111	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_41178	VFNYNTLEK	AGAP004798-PA	-	40	0.001069055	1	1127.575	1.72	Malpighian tubule	2L:-:3644451-3644425	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_41819	IPEAAFFAR	AGAP004798-PA	-	54	6.87E-05	1	1021.546	-0.16	Male reproductive organs	2L:-:3639988-3640119,3639650-3639851	exon=> In CDS Exon 12 and 11 of transcript AGAP004798-PA
JHU_Ag_42700	KSFTPDYGAEGIFGGQLLGVK	AGAP004798-PA	-	56	2.49E-05	1	2184.135	0.75	Midgut	2L:-:3642069-3642238,3641569-3641640	exon=> In CDS Exon 7 and 6 of transcript AGAP004798-PA
JHU_Ag_43188	VDIGMIQNALATK	AGAP004798-PA	M5(Oxidation)	90	1.04E-08	2	1389.744	2.59	Salivary gland	2L:-:3641407-3641369	exon=> In CDS Exon 8 of transcript AGAP004798-PA
JHU_Ag_44206	GTNNVALGYDEGSIIIK	AGAP004798-PA	-	50	0.000122352	1	1763.922	2.79	Ovary	2L:-:3643762-3644250,3643478-3643584	exon=> In CDS Exon 4 and 3 of transcript AGAP004798-PA
JHU_Ag_44633	DMGACEIYPQTIAHNPNGR	AGAP004798-PA	M2(Oxidation), C5(Carbamidomethyl)	64	4.26E-06	1	2159.961	0.55	Salivary gland	2L:-:3642379-3642423,3642039-3642238	exon=> In CDS Exon 6 and 5 of transcript AGAP004798-PA
JHU_Ag_45931	KNWILTGSDDMQVR	AGAP004798-PA	M11(Oxidation)	51	0.000128905	2	1678.837	8.95	Malpighian tubule	2L:-:3644493-3644452	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_46094	TQQFLLPER	AGAP004798-PA	-	56	2.83E-05	1	1131.619	2.52	Salivary gland	2L:-:3639709-3639683	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_46486	LETSLNYGFER	AGAP004798-PA	-	65	4.50E-06	1	1328.646	-1.59	Midgut	2L:-:3643819-3643787	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_47637	SFTPDYGAEGIFGGQLLGVK	AGAP004798-PA	-	112	8.48E-11	1	2056.035	-1.69	Malpighian tubule	2L:-:3642066-3642238,3641569-3641640	exon=> In CDS Exon 7 and 6 of transcript AGAP004798-PA
JHU_Ag_47790	DFEVCDLPVR	AGAP004798-PA	C5(Carbamidomethyl)	59	2.11E-05	1	1249.592	3.2	Midgut	2L:-:3644544-3644515	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_48857	GVNCVDYYHGGDKPYLISGADDR	AGAP004798-PA	C4(Carbamidomethyl)	92	7.43E-09	1	2571.163	2.54	Salivary gland	2L:-:3644047-3643979	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_50044	SFTPDYGAEGIFGGQLLGVK	AGAP004798-PA	-	92	9.13E-09	1	2056.039	-0.03	Ovary	2L:-:3642066-3642238,3641569-3641640	exon=> In CDS Exon 7 and 6 of transcript AGAP004798-PA
JHU_Ag_50054	LETSLNYGFER	AGAP004798-PA	-	40	0.001300798	2	1328.650	1.26	Ovary	2L:-:3643819-3643787	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_51881	DNNTFASASLDR	AGAP004798-PA	-	74	4.12E-07	2	1310.598	0.67	Head	2L:-:3644146-3644111	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_55052	LETSLNYGFER	AGAP004798-PA	-	64	4.97E-06	2	1328.650	1.72	Head	2L:-:3643819-3643787	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_55294	SFTPDYGAEGIFGGQLLGVK	AGAP004798-PA	-	98	2.33E-09	1	2056.043	2.11	Salivary gland	2L:-:3642066-3642238,3641569-3641640	exon=> In CDS Exon 7 and 6 of transcript AGAP004798-PA

JHU_Ag_56735	ALPEGTEIKDGER	AGAP004798-PA	-	47	0.000272535	2	1414.725	5.44	Malpighian tubule	2L:-:3643490-3643611,3642324-3642398	exon=> In CDS Exon 5 and 4 of transcript AGAP004798-PA
JHU_Ag_59746	IGDLDTALMLAR	AGAP004798-PA	M9(Oxidation)	80	1.87E-07	2	1304.688	0.26	Midgut	2L:-:3640766-3640731	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_60041	TSSGLTFYDWENLELIRR	AGAP004798-PA	-	35	0.004495766	1	2200.113	4.32	Malpighian tubule	2L:-:3641639-3641586	exon=> In CDS Exon 7 of transcript AGAP004798-PA
JHU_Ag_62397	VAHFLEMQGFR	AGAP004798-PA	M7(Oxidation)	44	0.000693245	1	1350.660	-1.65	Malpighian tubule	2L:-:3640856-3640824	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_62467	RIEVQPR	AGAP004798-PA	-	33	0.001726016	2	897.530	3.35	Malpighian tubule	2L:-:3641588-3641671,3641330-3641477	exon=> In CDS Exon 8 and 7 of transcript AGAP004798-PA
JHU_Ag_62676	VDIGMIQNALATK	AGAP004798-PA	M5(Oxidation)	45	0.000462992	2	1373.748	1.94	Ovary	2L:-:3641407-3641369	exon=> In CDS Exon 8 of transcript AGAP004798-PA
JHU_Ag_66434	VWQLGSNVPNFTLEGHEK	AGAP004798-PA	-	83	6.36E-08	2	2055.035	2.66	Malpighian tubule	2L:-:3644101-3644048	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_67602	ISHVLDIWR	AGAP004798-PA	-	73	2.90E-07	1	1138.640	2.37	Malpighian tubule	2L:-:3639832-3639806	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_67711	WSQLAGIATSK	AGAP004798-PA	-	54	5.66E-05	2	1161.626	-0.03	Midgut	2L:-:3640709-3640677	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_67785	VWQLGSNVPNFTLEGHEK	AGAP004798-PA	-	57	2.51E-05	1	2055.027	-1.18	Midgut	2L:-:3644101-3644048	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_68047	AGQSLADPQQYENLFPGFYDSVK	AGAP004798-PA	-	44	0.000602005	2	2574.220	1.93	Salivary gland	2L:-:3639778-3639710	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_70998	FELALK	AGAP004798-PA	-	29	0.00430753	2	720.431	1.99	Malpighian tubule	2L:-:3640784-3640767	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_73047	DFEVCDLPVR	AGAP004798-PA	C5(Carbamidomethyl)	74	6.48E-07	1	1249.588	-0.42	Head	2L:-:3644544-3644515	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_73152	TQQFLLPER	AGAP004798-PA	-	46	0.000395612	1	1131.616	0.57	Male reproductive organs	2L:-:3639709-3639683	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_75707	AGQSLADPQQYENLFPGFYDSVK	AGAP004798-PA	-	46	0.000449174	2	2574.219	1.74	Ovary	2L:-:3639778-3639710	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_76629	GTNNVALGYDEGSIIIK	AGAP004798-PA	-	47	0.000256238	2	1763.926	4.66	Malpighian tubule	2L:-:3643762-3644250,3643478-3643584	exon=> In CDS Exon 4 and 3 of transcript AGAP004798-PA
JHU_Ag_76655	LETSLNYGFER	AGAP004798-PA	-	68	2.21E-06	2	1328.650	1.54	Salivary gland	2L:-:3643819-3643787	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_81214	IPEAAFFAR	AGAP004798-PA	-	57	2.60E-05	1	1021.548	1.63	Malpighian tubule	2L:-:3639988-3640119,3639650-3639851	exon=> In CDS Exon 12 and 11 of transcript AGAP004798-PA
JHU_Ag_84046	VFEGHTHYVMQVVFNPK	AGAP004798-PA	M10(Oxidation)	55	5.22E-05	1	2048.001	-2.51	Head	2L:-:3644197-3644147	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_84834	TCVQTLEGHAQNVSAVYFHPELPILLTGSEDGTIR	AGAP004798-PA	C2(Carbamidomethyl)	70	8.48E-07	1	3852.936	3.38	Malpighian tubule	2L:-:3643948-3643844	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_87938	AGQSLADPQQYENLFPGFYDSVK	AGAP004798-PA	-	55	5.49E-05	2	2574.218	1.27	Midgut	2L:-:3639778-3639710	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_88437	ISHVLDIWR	AGAP004798-PA	-	64	2.11E-06	1	1138.639	1.79	Salivary gland	2L:-:3639832-3639806	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_88590	ISHVLDIWR	AGAP004798-PA	-	36	0.002047967	1	1138.636	-0.52	Male reproductive organs	2L:-:3639832-3639806	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_88658	VWQLGSNVPNFTLEGHEK	AGAP004798-PA	-	69	1.68E-06	1	2055.030	0.07	Male reproductive organs	2L:-:3644101-3644048	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_90957	VWQLGSNVPNFTLEGHEK	AGAP004798-PA	-	39	0.001689677	1	2055.041	5.68	Larva	2L:-:3644101-3644048	exon=> In CDS Exon 3 of transcript AGAP004798-PA
JHU_Ag_94561	DFEVCDLPVR	AGAP004798-PA	C5(Carbamidomethyl)	46	0.000410137	1	1249.592	3.39	Salivary gland	2L:-:3644544-3644515	exon=> In CDS Exon 2 of transcript AGAP004798-PA

JHU_Ag_97399	QQALQVSIDPEHR	AGAP004798-PA	-	49	0.000208707	1	1520.783	0.71	Salivary gland	2L:-:3640823-3640785	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_98427	DFEVCDLPVR	AGAP004798-PA	C5(Carbamidomethyl)	64	6.31E-06	1	1249.592	3.39	Ovary	2L:-:3644544-3644515	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_99227	TMYLLGYVPK	AGAP004798-PA	M2(Oxidation)	48	0.000185369	2	1200.635	1.53	Malpighian tubule	2L:-:3641125-3641096	exon=> In CDS Exon 9 of transcript AGAP004798-PA
JHU_Ag_99517	AFGSAQEFVWASENSEYAVR	AGAP004798-PA	-	77	2.44E-07	2	2248.041	4.42	Salivary gland	2L:-:3642174-3642115	exon=> In CDS Exon 6 of transcript AGAP004798-PA
JHU_Ag_100047	VHSFEAHTDYVR	AGAP004798-PA	-	42	0.00090724	1	1460.684	-5.48	Head	2L:-:3644424-3644389	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_102318	VHSFEAHTDYVR	AGAP004798-PA	-	84	6.42E-08	1	1460.696	2.73	Midgut	2L:-:3644424-3644389	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_106223	IGDLDTALMLAR	AGAP004798-PA	M9(Oxidation)	99	1.61E-09	2	1288.699	4.46	Malpighian tubule	2L:-:3640766-3640731	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_110309	KSFTPDYGAEGIFGGQLLGVK	AGAP004798-PA	-	47	0.000175276	3	2184.144	4.94	Malpighian tubule	2L:-:3642069-3642238,3641569-3641640	exon=> In CDS Exon 7 and 6 of transcript AGAP004798-PA
JHU_Ag_111013	VDIGMIQNALATK	AGAP004798-PA	M5(Oxidation)	64	4.81E-06	2	1389.738	-2.06	Midgut	2L:-:3641407-3641369	exon=> In CDS Exon 8 of transcript AGAP004798-PA
JHU_Ag_111755	FELALK	AGAP004798-PA	-	42	0.000238357	2	720.431	2.08	Salivary gland	2L:-:3640784-3640767	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_112166	DFEVCDLPVR	AGAP004798-PA	C5(Carbamidomethyl)	56	3.88E-05	2	1249.587	-1.3	Male reproductive organs	2L:-:3644544-3644515	exon=> In CDS Exon 2 of transcript AGAP004798-PA
JHU_Ag_112917	AFGSAQEFVWASENSEYAVR	AGAP004798-PA	-	44	0.000524467	2	2248.036	2.25	Ovary	2L:-:3642174-3642115	exon=> In CDS Exon 6 of transcript AGAP004798-PA
JHU_Ag_114550	ESDSPQKWSQLAGIATSK	AGAP004798-PA	-	58	2.61E-05	2	1932.973	3.35	Malpighian tubule	2L:-:3640730-3640677	exon=> In CDS Exon 10 of transcript AGAP004798-PA
JHU_Ag_114658	GTNNVALGYDEGSIIIK	AGAP004798-PA	-	75	4.69E-07	1	1763.916	-0.73	Midgut	2L:-:3643762-3644250,3643478-3643584	exon=> In CDS Exon 4 and 3 of transcript AGAP004798-PA
JHU_Ag_115172	AGQSLADPQQYENLFPGFYDSVK	AGAP004798-PA	-	40	0.001856094	1	2574.214	-0.3	Malpighian tubule	2L:-:3639778-3639710	exon=> In CDS Exon 12 of transcript AGAP004798-PA
JHU_Ag_35435	TVTTEASNFPGQQFESYAEIDK	AGAP004799-PA	-	70	1.28E-06	2	2462.141	2.14	Head	2L:-:3721183-3721118	exon=> In CDS Exon 2 of transcript AGAP004799-PA
JHU_Ag_455	VEALETALIDSK	AGAP004801-PA	-	49	0.000165783	2	1288.700	0.17	Head	2L:+:3742207-3742242	exon=> In CDS Exon 9 of transcript AGAP004801-PA
JHU_Ag_3082	LHANLPSDLLTGHR	AGAP004801-PA	-	53	6.24E-05	2	1543.837	1.99	Head	2L:+:3739160-3739201	exon=> In CDS Exon 4 of transcript AGAP004801-PA
JHU_Ag_9142	LGQSITTLFHSLQK	AGAP004801-PA	-	48	9.11E-05	1	1572.876	1.17	Head	2L:+:3743034-3743075	exon=> In CDS Exon 10 of transcript AGAP004801-PA
JHU_Ag_25478	KLGQSITTLFHSLQK	AGAP004801-PA	-	37	0.000771441	3	1700.970	0.51	Head	2L:+:3743031-3743075	exon=> In CDS Exon 10 of transcript AGAP004801-PA
JHU_Ag_29197	SVAQGANFLVTAANK	AGAP004801-PA	-	62	6.54E-06	2	1490.802	3.81	Head	2L:+:3743576-3743604,3743682-3743697	exon=> In CDS Exon 11 and 12 of transcript AGAP004801-PA
JHU_Ag_38080	DHELEELNAK	AGAP004801-PA	-	41	0.000884875	1	1197.585	8.54	Midgut	2L:+:3741518-3741547	exon=> In CDS Exon 8 of transcript AGAP004801-PA
JHU_Ag_39488	DNSTNVESLAR	AGAP004801-PA	-	41	0.001162433	2	1205.576	0.41	Head	2L:+:3742435-3742467	exon=> In CDS Exon 9 of transcript AGAP004801-PA
JHU_Ag_49273	LEDQIATLNAQLTHSQGELTNLR	AGAP004801-PA	-	42	0.000625232	3	2565.339	4.92	Head	2L:+:3739646-3739714	exon=> In CDS Exon 5 of transcript AGAP004801-PA
JHU_Ag_68667	AQELSDQIEQLR	AGAP004801-PA	-	53	6.56E-05	2	1429.728	-0.01	Midgut	2L:+:3740899-3740905,3741204-3741232	exon=> In CDS Exon 7 and 8 of transcript AGAP004801-PA
JHU_Ag_85084	RLEDQIATLNAQLTHSQGELTNLR	AGAP004801-PA	-	58	1.13E-05	1	2721.435	2.54	Head	2L:+:3739643-3739714	exon=> In CDS Exon 5 of transcript AGAP004801-PA

JHU_Ag_90097	AQELSDQIEQLR	AGAP004801-PA	Q2(Deamidated), Q10(Deamidated)	39	0.002031625	2	1431.697	0.83	Head	2L:+:3740899-3740905,3741204-3741232	exon=> In CDS Exon 7 and 8 of transcript AGAP004801-PA
JHU_Ag_99879	ETIESDLQDLLHQQEQTEHK	AGAP004801-PA	-	82	1.14E-07	1	2421.161	3.23	Midgut	2L:+:3742126-3742185	exon=> In CDS Exon 9 of transcript AGAP004801-PA
JHU_Ag_107725	AKEELQCQLEELEQK	AGAP004801-PA	C7(Carbamidomethyl)	107	2.92E-10	1	1874.923	3.67	Midgut	2L:+:3740452-3740496	exon=> In CDS Exon 7 of transcript AGAP004801-PA
JHU_Ag_116059	ETIESDLQDLLHQQEQTEHK	AGAP004801-PA	-	83	9.31E-08	1	2421.155	1.04	Head	2L:+:3742126-3742185	exon=> In CDS Exon 9 of transcript AGAP004801-PA
JHU_Ag_752	TTYTDKGPKPDGGK	AGAP004802-PA	N-Term(Acetyl)	53	0.000103385	1	1506.747	1.98	Pupa	2L:+:3746202-3746243	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_2019	FLSFDHITFYVGNAK	AGAP004802-PA	-	92	9.30E-09	1	1758.892	3.97	Head	2L:+:3746244-3746288	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_2726	FWSVDDSQIHTEYSALR	AGAP004802-PA	-	70	1.47E-06	1	2053.967	2.82	Visceras	2L:+:3746823-3746873	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_13473	SQIEEYVEYYGGAGVQHIALNTSDIIGAIR	AGAP004802-PA	-	76	2.31E-07	1	3266.640	2.28	Head	2L:+:3746946-3747035	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_18320	DVAFEVEDLDVIVR	AGAP004802-PA	-	52	0.000107102	2	1618.836	2.16	Pupa	2L:+:3746481-3746522	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_20585	GQQFLSIPDTYYDQLR	AGAP004802-PA	-	39	0.002284536	2	1943.948	-1.04	Visceras	2L:+:3747051-3747098	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_23421	IKEDLAVLQELK	AGAP004802-PA	-	81	2.87E-08	1	1398.825	3.69	Head	2L:+:3747126-3747161	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_23927	FATVQTYGDTLHTFVER	AGAP004802-PA	-	134	6.65E-13	1	1984.980	1.71	Head	2L:+:3746595-3746645	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_24721	ALFEAIEAEQEK	AGAP004802-PA	-	84	6.66E-08	2	1377.690	0.02	Head	2L:+:3747362-3747397	exon=> In CDS Exon 3 of transcript AGAP004802-PA
JHU_Ag_25772	FGFEDYAYQGLETGSR	AGAP004802-PA	-	106	2.36E-10	2	1839.825	3.41	Head	2L:+:3746316-3746363	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_27508	DVWEESDEHGTVR	AGAP004802-PA	-	99	9.82E-10	1	1558.673	-2.26	Head	2L:+:3746556-3746594	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_27964	FLSFDHITFYVGNAK	AGAP004802-PA	-	35	0.004488574	1	1758.887	1.39	Pupa	2L:+:3746244-3746288	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_32978	GPKPDGGK	AGAP004802-PA	-	33	0.002445647	2	755.407	3.35	Head	2L:+:3746220-3746243	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_35726	IKEDLAVLQELK	AGAP004802-PA	-	79	4.87E-08	1	1398.823	1.94	Visceras	2L:+:3747126-3747161	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_37408	HNHNGFGAGNFK	AGAP004802-PA	-	62	7.33E-06	1	1299.600	1.78	Head	2L:+:3747258-3747269,3747338-3747361	exon=> In CDS Exon 2 and 3 of transcript AGAP004802-PA
JHU_Ag_41454	ALFEAIEAEQEKR	AGAP004802-PA	-	83	7.61E-08	2	1533.792	0.47	Malpighian tubule	2L:+:3747362-3747400	exon=> In CDS Exon 3 of transcript AGAP004802-PA
JHU_Ag_43790	FATVQTYGDTLHTFVER	AGAP004802-PA	-	76	4.57E-07	1	1984.989	6.47	Larva	2L:+:3746595-3746645	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_45699	NMQDRPTLFIEVIQR	AGAP004802-PA	M2(Oxidation)	66	3.13E-06	1	1875.982	3.81	Larva	2L:+:3747213-3747257	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_51418	FWSVDDSQIHTEYSALR	AGAP004802-PA	-	70	1.60E-06	1	2053.957	-1.99	Pupa	2L:+:3746823-3746873	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_55342	IKEDLAVLQELK	AGAP004802-PA	-	62	2.30E-06	2	1398.823	1.85	Pupa	2L:+:3747126-3747161	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_57367	FATVQTYGDTLHTFVER	AGAP004802-PA	-	88	2.85E-08	1	1984.979	1.28	Pupa	2L:+:3746595-3746645	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_59821	GQQFLSIPDTYYDQLR	AGAP004802-PA	-	56	4.34E-05	2	1943.952	1.1	Pupa	2L:+:3747051-3747098	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_63656	ALFEAIEAEQEKR	AGAP004802-PA	-	41	0.001227746	1	1533.794	2.22	Larva	2L:+:3747362-3747400	exon=> In CDS Exon 3 of transcript AGAP004802-PA

JHU_Ag_63992	FATVQTYGDTLHTFVER	AGAP004802-PA	-	114	6.32E-11	1	1984.975	-0.62	Visceras	2L:+:3746595-3746645	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_65003	FATVQTYGDTLHTFVER	AGAP004802-PA	-	71	1.27E-06	1	1984.981	2.14	Malpighian tubule	2L:+:3746595-3746645	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_67513	DVWEESDEHGTVR	AGAP004802-PA	-	85	2.17E-08	1	1558.678	0.79	Visceras	2L:+:3746556-3746594	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_69544	ALFEAIEAEQEK	AGAP004802-PA	-	50	0.000178928	2	1377.692	1.8	Pupa	2L:+:3747362-3747397	exon=> In CDS Exon 3 of transcript AGAP004802-PA
JHU_Ag_74993	GQQFLSIPDTYYDQLRQR	AGAP004802-PA	-	51	0.000108046	1	2228.121	5.1	Malpighian tubule	2L:+:3747051-3747104	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_76617	FLSFDHITFYVGNAK	AGAP004802-PA	-	68	2.61E-06	1	1758.885	-0.28	Visceras	2L:+:3746244-3746288	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_80495	NMQDRPTLFIEVIQR	AGAP004802-PA	-	50	0.000129591	1	1859.981	0.45	Visceras	2L:+:3747213-3747257	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_83831	GLFLPGFKPPLHK	AGAP004802-PA	-	27	0.003020786	1	1450.857	0.28	Pupa	2L:+:3746658-3746696	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_84043	GQQFLSIPDTYYDQLR	AGAP004802-PA	-	56	4.21E-05	1	1943.946	-2.11	Head	2L:+:3747051-3747098	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_92468	DVWEESDEHGTVR	AGAP004802-PA	-	66	1.87E-06	1	1558.678	0.72	Malpighian tubule	2L:+:3746556-3746594	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_97861	GLFLPGFKPPLHK	AGAP004802-PA	-	27	0.003126943	1	1450.858	0.91	Head	2L:+:3746658-3746696	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_99791	SIVMTNYEETIK	AGAP004802-PA	M4(Oxidation)	60	1.31E-05	2	1443.707	2.65	Larva	2L:+:3746874-3746909	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_102301	ELGDHLVR	AGAP004802-PA	-	33	0.004350092	2	938.503	-2.44	Head	2L:+:3746439-3746462	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_110508	FGFEDYAYQGLETGSR	AGAP004802-PA	-	99	1.30E-09	2	1839.823	2.61	Pupa	2L:+:3746316-3746363	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_114597	GLFLPGFKPPLHKDVLLR	AGAP004802-PA	-	58	7.87E-07	1	2047.225	1.71	Malpighian tubule	2L:+:3746658-3746711	exon=> In CDS Exon 2 of transcript AGAP004802-PA
JHU_Ag_1884	GTQSHVLR	AGAP004805-PA,AGAP004805-PB	Q3(Deamidated)	40	0.000741006	2	898.485	11.85	Midgut	2L:+:3774953-3774976;2L:+:3774953-3774976	exon=> In CDS Exon 7 of transcript AGAP004805-PA;exon=> In CDS Exon 7 of transcript AGAP004805-PB
JHU_Ag_37668	FNINLQYGPEVDPR	AGAP004806-PA	-	54	6.21E-05	2	1661.823	-3.21	Midgut	2L:-:3779753-3779712	exon=> In CDS Exon 3 of transcript AGAP004806-PA
JHU_Ag_43676	AQLPVYNPPSPFLGQLPSGLGLYR	AGAP004807-PA	N-Term(Acetyl)	36	0.001642706	3	2626.406	1.2	Midgut	2L:+:3780527-3780550,3780634-3780681	exon=> In CDS Exon 1 and 2 of transcript AGAP004807-PA
JHU_Ag_49149	FIHTGPGAQIDAIITE	AGAP004807-PA	-	71	1.08E-06	1	1682.870	-2.88	Midgut	2L:+:3781088-3781135	exon=> In CDS Exon 3 of transcript AGAP004807-PA
JHU_Ag_17377	DNSALHISIRPR	AGAP004807-PA,AGAP013132-PA	-	69	9.15E-07	1	1378.756	0.9	Midgut	2L:+:3780860-3780895;UNKN:+:11587155-11587190	exon=> In CDS Exon 3 of transcript AGAP004807-PA;exon=> In CDS Exon 1 of transcript AGAP013132-PA
JHU_Ag_55454	NTYQFQSWGVEER	AGAP004807-PA,AGAP013132-PA	-	100	9.29E-10	1	1643.744	-0.74	Midgut	2L:+:3780914-3780952;UNKN:+:11587209-11587247	exon=> In CDS Exon 3 of transcript AGAP004807-PA;exon=> In CDS Exon 1 of transcript AGAP013132-PA
JHU_Ag_28917	LHLLK	AGAP004808-PA,AGAP011519-PA	-	26	0.001459322	1	623.424	-0.56	Head	2L:-:3793032-3793018;3L:+:2642645-26422659	exon=> In CDS Exon 1 of transcript AGAP004808-PA;exon=> In CDS Exon 4 of transcript AGAP011519-PA
JHU_Ag_469	AQLIDDAYWLAR	AGAP004809-PA	-	91	1.28E-08	2	1434.742	3.19	Ovary	2L:-:3794925-3794890	exon=> In CDS Exon 4 of transcript AGAP004809-PA

JHU_Ag_2135	GVLPNGVTVAQIMR	AGAP004809-PA	N5(Deamidated),"N5(Deamidated), M13(Oxidation)",M13(Oxidation)	95	2.48E-09	2	1454.815	-0.26	Midgut	2L:-:3795324-3795283	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_4818	SALESEFQYLYR	AGAP004809-PA	-	86	4.25E-08	1	1505.728	0.71	Midgut	2L:-:3794505-3794470	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_8731	ADFNEFDDFQWLATK	AGAP004809-PA	-	43	0.000541 65	2	1846.838	5.13	Malpighian tubule	2L:-:3795126-3795082	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_11789	IETTVPANEWIVFNK	AGAP004809-PA	-	71	1.05E-06	2	1760.927	2.82	Pupa	2L:-:3795072-3795028	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_11809	AEASGTGPAVHPDIASVTYCYGMR	AGAP004809-PA	C20(Carbamidomethyl),"C20(Carbamidomethyl), M23(Oxidation)"	101	7.33E-10	1	2526.137	-0.63	Midgut	2L:-:3794577-3794506	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_12842	VLDDHLGIPYDTYMPK	AGAP004809-PA	M14(Oxidation)	82	1.23E-07	1	1892.910	0.27	Midgut	2L:-:3796279-3796232	exon=> In CDS Exon 2 of transcript AGAP004809-PA
JHU_Ag_13393	VYVRPNAFNEATFALEAGVK	AGAP004809-PA	-	111	7.55E-11	1	2196.145	-0.12	Midgut	2L:-:3796348-3796289	exon=> In CDS Exon 2 of transcript AGAP004809-PA
JHU_Ag_13780	TNNVEEMNKLNALITALGSR	AGAP004809-PA	N2(Deamidated), M7(Oxidation),"N3(Deamidated), M7(Oxidation)",M7(Oxidation)	138	1.89E-13	1	2204.144	4.33	Larva	2L:-:3794169-3795470,3793708-3794047	exon=> In CDS Exon 5 and 4 of transcript AGAP004809-PA
JHU_Ag_15103	TNNVEEMNKLNALITALGSR	AGAP004809-PA	N2(Deamidated), M7(Oxidation),"N3(Deamidated), M7(Oxidation)",M7(Oxidation)	114	4.64E-11	1	2204.138	1.89	Midgut	2L:-:3794169-3795470,3793708-3794047	exon=> In CDS Exon 5 and 4 of transcript AGAP004809-PA
JHU_Ag_17757	MAFPCYDEPGLK	AGAP004809-PA	M1(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	79	1.02E-07	1	1427.633	-0.16	Midgut	2L:-:3796573-3796538	exon=> In CDS Exon 2 of transcript AGAP004809-PA
JHU_Ag_20344	VNSQTAANLR	AGAP004809-PA	-	81	1.61E-07	1	1073.569	-0.54	Midgut	2L:-:3794046-3794017	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_20763	EYAPWTAANVALTYFNNR	AGAP004809-PA	-	133	8.92E-13	1	2101.017	1.34	Midgut	2L:-:3794829-3794776	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_20899	ALQGAVDEQLYAGLQSAIEGK	AGAP004809-PA	-	56	2.89E-05	1	2161.128	6.68	Malpighian tubule	2L:-:3795387-3795325	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_26240	LATNDDGFYVSSYVADNGER	AGAP004809-PA	-	124	4.42E-12	1	2192.976	1.35	Midgut	2L:-:3796785-3796726	exon=> In CDS Exon 1 of transcript AGAP004809-PA
JHU_Ag_26329	AFLTTALGSGTGVEINYR	AGAP004809-PA	-	119	1.35E-11	1	1869.983	6.81	Larva	2L:-:3794385-3794332	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_27562	VVQAIYSGGR	AGAP004809-PA	-	74	4.80E-07	2	1049.574	0.15	Pupa	2L:-:3794313-3794284	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_27620	VVQAIYSGGR	AGAP004809-PA	-	70	1.39E-06	2	1049.576	2.13	Larva	2L:-:3794313-3794284	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_29439	VNSQTAANLR	AGAP004809-PA	-	40	0.001761 172	2	1073.570	0.26	Ovary	2L:-:3794046-3794017	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_31225	SALESEFQYLYR	AGAP004809-PA	-	77	3.09E-07	2	1505.730	1.93	Malpighian tubule	2L:-:3794505-3794470	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_31617	LNALITALGSR	AGAP004809-PA	-	87	1.21E-08	2	1128.675	1.66	Pupa	2L:-:3794079-3794047	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_31792	VVQAIYSGGR	AGAP004809-PA	-	40	0.001357 7	2	1049.577	2.71	Malpighian tubule	2L:-:3794313-3794284	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_32306	YLATTQFESTSAR	AGAP004809-PA	-	88	2.66E-08	2	1474.711	-4.61	Midgut	2L:-:3796612-3796574	exon=> In CDS Exon 2 of transcript AGAP004809-PA
JHU_Ag_32690	HVLGDDNWKAGLK	AGAP004809-PA	-	42	0.000789 533	1	1452.763	2.48	Malpighian tubule	2L:-:3795444-3795406	exon=> In CDS Exon 4 of transcript AGAP004809-PA

JHU_Ag_32983	TWTNEAGYPVLNVR	AGAP004809-PA	-	82	1.07E-07	2	1619.828	6.09	Malpighian tubule	2L:-:3795282-3795241	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_33079	ALQGAVDEQLYAGLQSAIEGK	AGAP004809-PA	-	35	0.004088938	1	2161.119	2.28	Pupa	2L:-:3795387-3795325	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_33281	TMLIDSLGCSNNK	AGAP004809-PA	M2(Oxidation), C9(Carbamidomethyl)	97	2.49E-09	1	1468.684	4.45	Larva	2L:-:3794436-3794398	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_34116	TMLIDSLGCSNNKEFLK	AGAP004809-PA	C9(Carbamidomethyl),"M2(Oxidation), C9(Carbamidomethyl)"	75	5.08E-07	1	1985.968	0.27	Midgut	2L:-:3794436-3794386	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_35844	RSYDTGDVIISQER	AGAP004809-PA	-	66	4.53E-06	2	1638.810	1.13	Midgut	2L:-:3795240-3795199	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_38490	LDQIAIPDFAAGAMENWGLVTYR	AGAP004809-PA	M14(Oxidation)	86	4.03E-08	2	2551.266	0.51	Midgut	2L:-:3796231-3796613,3795553-3795893	exon=> In CDS Exon 3 and 2 of transcript AGAP004809-PA
JHU_Ag_38686	LATNDDGFYVSSYVADNGERR	AGAP004809-PA	N17(Deamidated)	75	3.71E-07	1	2349.074	-0.3	Midgut	2L:-:3796785-3797295,3796164-3796613	exon=> In CDS Exon 2 and 1 of transcript AGAP004809-PA
JHU_Ag_41076	YRLPTTSIPIHYDLHLR	AGAP004809-PA	-	75	2.35E-07	1	2095.143	-0.8	Midgut	2L:-:3797109-3797059	exon=> In CDS Exon 1 of transcript AGAP004809-PA
JHU_Ag_41764	HVLGDDNWK	AGAP004809-PA	-	58	2.20E-05	2	1083.522	0.06	Midgut	2L:-:3795444-3795418	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_41888	TWTNEAGYPVLNVR	AGAP004809-PA	-	49	0.000226234	2	1619.818	0.37	Pupa	2L:-:3795282-3795241	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_44855	TWTNEAGYPVLNVRR	AGAP004809-PA	-	45	0.000373757	1	1775.924	3.12	Malpighian tubule	2L:-:3795282-3795238	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_45582	AQLIDDAYWLAR	AGAP004809-PA	-	88	2.84E-08	2	1434.738	0.05	Midgut	2L:-:3794925-3794890	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_47342	LATNDDGFYVSSYVADNGER	AGAP004809-PA	-	53	6.39E-05	2	2192.988	6.69	Malpighian tubule	2L:-:3796785-3796726	exon=> In CDS Exon 1 of transcript AGAP004809-PA
JHU_Ag_47428	TTTDIETDMR	AGAP004809-PA	M9(Oxidation)	65	2.46E-06	2	1198.523	-2.13	Midgut	2L:-:3796471-3796442	exon=> In CDS Exon 2 of transcript AGAP004809-PA
JHU_Ag_50226	IETTVPANEWIVFNK	AGAP004809-PA	-	51	0.000113189	2	1760.928	3.23	Malpighian tubule	2L:-:3795072-3795028	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_51321	IETTVPANEWIVFNK	AGAP004809-PA	-	80	1.34E-07	2	1760.923	0.6	Midgut	2L:-:3795072-3795028	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_51711	AFLTTALGSGTGVEINYR	AGAP004809-PA	-	103	4.99E-10	2	1869.981	5.31	Malpighian tubule	2L:-:3794385-3794332	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_53467	EQALLFNPAVSTYR	AGAP004809-PA	-	37	0.002442897	2	1608.842	2.48	Pupa	2L:-:3795892-3795851	exon=> In CDS Exon 3 of transcript AGAP004809-PA
JHU_Ag_55563	ADFNEFDDFQWLATK	AGAP004809-PA	-	63	5.38E-06	2	1846.834	3.28	Visceras	2L:-:3795126-3795082	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_55713	SALESEFQYLYR	AGAP004809-PA	-	83	8.48E-08	1	1505.730	2.01	Pupa	2L:-:3794505-3794470	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_57373	VVQAIYSGGR	AGAP004809-PA	-	61	1.07E-05	2	1049.575	1.2	Midgut	2L:-:3794313-3794284	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_57783	TPAMSTYLLAFVVSDFQLR	AGAP004809-PA	M4(Oxidation)	51	0.000109882	1	2175.111	-2.2	Midgut	2L:-:3796423-3796367	exon=> In CDS Exon 2 of transcript AGAP004809-PA
JHU_Ag_58110	AQLIDDAYWLAR	AGAP004809-PA	-	81	1.51E-07	2	1434.741	2.51	Malpighian tubule	2L:-:3794925-3794890	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_59685	ALQGAVDEQLYAGLQSAIEGK	AGAP004809-PA	-	159	1.52E-15	1	2161.115	0.53	Midgut	2L:-:3795387-3795325	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_62241	AFLTTALGSGTGVEINYR	AGAP004809-PA	-	158	1.75E-15	1	1869.971	0.35	Midgut	2L:-:3794385-3794332	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_63570	SYDTGDVIISQER	AGAP004809-PA	-	85	3.98E-08	2	1482.714	4.58	Malpighian tubule	2L:-:3795237-3795199	exon=> In CDS Exon 4 of transcript AGAP004809-PA

JHU_Ag_66075	VNSQTAANLR	AGAP004809-PA	N2(Deamidated)	70	1.88E-06	1	1073.573	2.64	Larva	2L:-:3794046-3794017	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_66604	RVVQAIYSGGR	AGAP004809-PA	-	64	3.40E-06	1	1205.679	3.03	Larva	2L:-:3794316-3794284	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_67276	ADFNEFDDFQWLATK	AGAP004809-PA	N4(Deamidated)	105	3.45E-10	2	1846.830	1.16	Midgut	2L:-:3795126-3795082	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_69946	EQALLFNPAVSTYR	AGAP004809-PA	Q2(Deamidated)	38	0.002236527	1	1609.827	2.93	Visceras	2L:-:3795892-3795851	exon=> In CDS Exon 3 of transcript AGAP004809-PA
JHU_Ag_70067	TNNVEEMNKLNALITALGSR	AGAP004809-PA	-	40	0.000947253	1	2188.149	4.65	Ovary	2L:-:3794169-3795470,3793708-3794047	exon=> In CDS Exon 5 and 4 of transcript AGAP004809-PA
JHU_Ag_72985	RVVQAIYSGGR	AGAP004809-PA	-	63	4.64E-06	2	1205.674	-0.92	Midgut	2L:-:3794316-3794284	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_74778	TMLIDSLGCSNNKEFLK	AGAP004809-PA	M2(Oxidation), C9(Carbamidomethyl), N11(Deamidated),"M2(Oxidation), C9(Carbamidomethyl)"	75	4.92E-07	1	1985.976	4.45	Larva	2L:-:3794436-3794386	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_75528	EQALLFNPAVSTYR	AGAP004809-PA	-	95	4.79E-09	2	1608.836	-1.54	Midgut	2L:-:3795892-3795851	exon=> In CDS Exon 3 of transcript AGAP004809-PA
JHU_Ag_77984	SYDTGDVIISQER	AGAP004809-PA	-	79	1.70E-07	2	1482.712	3.09	Midgut	2L:-:3795237-3795199	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_79225	LNALITALGSR	AGAP004809-PA	-	110	6.39E-11	2	1128.674	-0.07	Midgut	2L:-:3794079-3794047	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_79304	AEASGTGPAVHPDIASVTYCYGMR	AGAP004809-PA	C20(Carbamidomethyl), M23(Oxidation)	48	0.000151277	1	2526.147	3.14	Malpighian tubule	2L:-:3794577-3794506	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_81261	TNNVEEMNK	AGAP004809-PA	M7(Oxidation)	33	0.002925171	2	1094.478	0	Midgut	2L:-:3794169-3794143	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_81979	VPNTNIWMIPYNYVHQAK	AGAP004809-PA	-	41	0.001061017	1	2188.100	-0.37	Midgut	2L:-:3795180-3795127	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_82471	TWTNEAGYPVLNVR	AGAP004809-PA	-	76	5.08E-07	2	1619.819	0.74	Midgut	2L:-:3795282-3795241	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_82881	LPTTSIPIHYDLHLR	AGAP004809-PA	-	91	3.94E-09	1	1775.979	-0.51	Midgut	2L:-:3797103-3797059	exon=> In CDS Exon 1 of transcript AGAP004809-PA
JHU_Ag_84258	SGSVLNMMR	AGAP004809-PA	M8(Oxidation),"M7(Oxidation), M8(Oxidation)",M7(Oxidation)	58	2.41E-05	2	994.482	1.01	Midgut	2L:-:3795553-3795893,3794143-3795445	exon=> In CDS Exon 4 and 3 of transcript AGAP004809-PA
JHU_Ag_84709	TMLIDSLGCSNNK	AGAP004809-PA	C9(Carbamidomethyl),"M2(Oxidation), C9(Carbamidomethyl)"	96	3.10E-09	1	1452.679	-2.53	Midgut	2L:-:3794436-3794398	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_87407	KVPNTNIWMIPYNYVHQAK	AGAP004809-PA	M9(Oxidation)	78	1.97E-07	1	2332.190	-0.26	Midgut	2L:-:3795183-3795127	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_93839	VNSQTAANLR	AGAP004809-PA	-	81	1.75E-07	1	1073.573	2.53	Malpighian tubule	2L:-:3794046-3794017	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_98188	LATNDDGFYVSSYVADNGERR	AGAP004809-PA	-	81	9.83E-08	1	2349.084	3.99	Malpighian tubule	2L:-:3796785-3797295,3796164-3796613	exon=> In CDS Exon 2 and 1 of transcript AGAP004809-PA
JHU_Ag_98811	YLATTQFESTSAR	AGAP004809-PA	-	64	6.02E-06	2	1474.722	3.5	Malpighian tubule	2L:-:3796612-3796574	exon=> In CDS Exon 2 of transcript AGAP004809-PA
JHU_Ag_100006	TNNVEEMNKLNALITALGSR	AGAP004809-PA	-	68	1.69E-06	1	2188.148	3.9	Malpighian tubule	2L:-:3794169-3795470,3793708-3794047	exon=> In CDS Exon 5 and 4 of transcript AGAP004809-PA
JHU_Ag_100080	SALESEFQYLYR	AGAP004809-PA	-	98	2.44E-09	1	1505.736	5.9	Larva	2L:-:3794505-3794470	exon=> In CDS Exon 4 of transcript AGAP004809-PA

JHU_Ag_102188	ADFNEFDDFQWLATK	AGAP004809-PA	-	82	6.88E-08	1	1846.837	4.73	Larva	2L:-:3795126-3795082	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_109080	LNALITALGSR	AGAP004809-PA	-	89	8.23E-09	1	1128.674	-0.07	Larva	2L:-:3794079-3794047	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_111239	VNYDEHNWELITNALHENWASIHR	AGAP004809-PA	-	98	2.58E-09	1	2961.401	-0.59	Midgut	2L:-:3795006-3794935	exon=> In CDS Exon 4 of transcript AGAP004809-PA
JHU_Ag_114172	VNSQTAANLR	AGAP004809-PA	-	60	1.78E-05	2	1073.568	-1.56	Pupa	2L:-:3794046-3794017	exon=> In CDS Exon 5 of transcript AGAP004809-PA
JHU_Ag_116437	TFTGTVGIQLQVVQATDK	AGAP004809-PA	-	108	1.21E-10	1	1906.030	1.04	Midgut	2L:-:3797034-3796981	exon=> In CDS Exon 1 of transcript AGAP004809-PA
JHU_Ag_22101	LTWITTDLPVQTKPPFLNVVAK	AGAP004810-PA	-	61	8.87E-07	1	2481.424	4.99	Larva	2L:-:3798790-3798725	exon=> In CDS Exon 3 of transcript AGAP004810-PA
JHU_Ag_58727	FTIGTLGVGSFFR	AGAP004810-PA	-	77	3.02E-07	2	1401.757	2.9	Pupa	2L:-:3799085-3799047	exon=> In CDS Exon 2 of transcript AGAP004810-PA
JHU_Ag_62124	STCIALTPTGSWTLR	AGAP004810-PA	C3(Carbamidomethyl)	36	0.004030114	1	1663.858	6.27	Larva	2L:-:3798724-3798680	exon=> In CDS Exon 3 of transcript AGAP004810-PA
JHU_Ag_73236	ASSTGSNYWIGATNIGASNTNK	AGAP004810-PA	-	117	2.92E-11	2	2214.050	3.55	Larva	2L:-:3798856-3798791	exon=> In CDS Exon 3 of transcript AGAP004810-PA
JHU_Ag_88667	FTIGTLGVGSFFR	AGAP004810-PA	-	86	2.61E-08	2	1401.763	7.77	Larva	2L:-:3799085-3799047	exon=> In CDS Exon 2 of transcript AGAP004810-PA
JHU_Ag_26429	QVIELINLLK	AGAP004812-PA	-	60	1.01E-06	2	1182.747	0.9	Head	2L:-:3803419-3803390	exon=> In CDS Exon 11 of transcript AGAP004812-PA
JHU_Ag_35214	NSNSVFHYAASTTK	AGAP004812-PA	-	51	0.000127405	2	1526.716	-4.79	Head	2L:-:3806333-3806292	exon=> In CDS Exon 5 of transcript AGAP004812-PA
JHU_Ag_45215	DDSGSKDSMILYILHSVGAK	AGAP004812-PA	-	80	1.68E-07	1	2136.073	4.03	Head	2L:-:3805148-3805089	exon=> In CDS Exon 8 of transcript AGAP004812-PA
JHU_Ag_62634	LVYEIILERPHSETINTSYSLYR	AGAP004812-PA	-	132	4.89E-13	1	2796.458	0.55	Head	2L:-:3806964-3807107,3806744-3806825	exon=> In CDS Exon 3 and 2 of transcript AGAP004812-PA
JHU_Ag_76869	QVIELINLLK	AGAP004812-PA	-	18	0.013250813	1	1182.747	0.79	Midgut	2L:-:3803419-3803390	exon=> In CDS Exon 11 of transcript AGAP004812-PA
JHU_Ag_90803	LLCLDGGGIR	AGAP004812-PA	C3(Carbamidomethyl)	41	0.001303527	1	1073.576	-0.74	Male reproductive organs	2L:-:3804548-3804519	exon=> In CDS Exon 9 of transcript AGAP004812-PA
JHU_Ag_97834	VAYGISTISTLLVDQATASDGR	AGAP004812-PA	-	35	0.002978548	2	2238.170	3.87	Head	2L:-:3803742-3803841,3803387-3803579	exon=> In CDS Exon 11 and 10 of transcript AGAP004812-PA
JHU_Ag_103044	EHIQQVLAR	AGAP004812-PA	-	54	3.19E-05	2	1093.610	-1.39	Head	2L:-:3804989-3804963	exon=> In CDS Exon 8 of transcript AGAP004812-PA
JHU_Ag_116871	EIDVFRPDSIWATAK	AGAP004812-PA	-	34	0.005262788	2	1747.907	2.91	Head	2L:-:3803787-3803743	exon=> In CDS Exon 10 of transcript AGAP004812-PA
JHU_Ag_79	SDPYGQSASTNTALTGGYQNAPYSSTQANK	AGAP004817-PA	-	43	0.00039212	3	3079.386	-0.62	Head	2L:-:3849045-3848956	exon=> In CDS Exon 6 of transcript AGAP004817-PA
JHU_Ag_8805	NHVAINK	AGAP004817-PA	-	41	0.000757513	1	795.448	0.4	Head	2L:-:3844952-3844932	exon=> In CDS Exon 11 of transcript AGAP004817-PA
JHU_Ag_11470	AVIFLLETLPVGAFATTSK	AGAP004817-PA	-	53	7.76E-06	2	1978.132	3.08	Salivary gland	2L:-:3852066-3852010	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_17874	AKQPTAEQIR	AGAP004817-PA	-	56	2.22E-05	1	1141.635	2.48	Malpighian tubule	2L:-:3852237-3852208	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_21208	MPHVPGFYDINYQTPTSLGAAGVR	AGAP004817-PA	M1(Oxidation)	93	7.74E-09	1	2607.276	3.75	Ovary	2L:-:3845936-3845865	exon=> In CDS Exon 10 of transcript AGAP004817-PA
JHU_Ag_24782	SEEEVCCALQECDSDLDR	AGAP004817-PA	C6(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl)	101	9.25E-11	2	2214.867	3.84	Ovary	2L:-:3852120-3852067	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_26203	SGGSTGAASGAGAGGASATHTVVK	AGAP004817-PA	-	160	1.88E-15	1	1958.956	1.72	Ovary	2L:-:3852309-3852238	exon=> In CDS Exon 2 of transcript AGAP004817-PA

JHU_Ag_27422	TASKQQGYSASTYWTGPN	AGAP004817-PA	-	74	4.68E-07	2	1946.893	2.59	Malpighian tubule	2L:-:3844525-3844472	exon=> In CDS Exon 13 of transcript AGAP004817-PA
JHU_Ag_40086	DANLGSVAYSTMSDGR	AGAP004817-PA	M12(Oxidation)	110	6.75E-11	1	1659.730	1.39	Head	2L:-:3845864-3845817	exon=> In CDS Exon 10 of transcript AGAP004817-PA
JHU_Ag_41074	IAQITDIK	AGAP004817-PA	-	41	0.000775403	2	901.537	1.39	Ovary	2L:-:3852207-3852184	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_44266	DANLGSVAYSTMSDGR	AGAP004817-PA	M12(Oxidation)	57	1.34E-05	2	1659.732	2.27	Ovary	2L:-:3845864-3845817	exon=> In CDS Exon 10 of transcript AGAP004817-PA
JHU_Ag_53252	AVIFLLETLPVGAFATTSK	AGAP004817-PA	-	125	3.88E-13	1	1978.136	4.8	Ovary	2L:-:3852066-3852010	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_57319	SGGSTGAASGAGAGGASATHTVVK	AGAP004817-PA	-	62	1.29E-05	1	1958.953	0.09	Male reproductive organs	2L:-:3852309-3852238	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_60876	IAQITDIK	AGAP004817-PA	-	42	0.000568234	2	901.535	-0.16	Malpighian tubule	2L:-:3852207-3852184	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_63067	MPHVPGFYDINYQTPTSLGAAGVR	AGAP004817-PA	M1(Oxidation)	44	0.000567514	3	2607.274	3.05	Head	2L:-:3845936-3845865	exon=> In CDS Exon 10 of transcript AGAP004817-PA
JHU_Ag_78377	EAGGGSGGGAAGGNNEK	AGAP004817-PA	-	30	0.005893778	2	1389.603	2.74	Head	2L:-:3852360-3852310	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_90269	NAYQASIVGQQQSK	AGAP004817-PA	-	71	1.22E-06	2	1521.767	0.74	Ovary	2L:-:3845066-3845025	exon=> In CDS Exon 11 of transcript AGAP004817-PA
JHU_Ag_90395	DANLGSVAYSTMSDGR	AGAP004817-PA	M12(Oxidation)	48	0.000106126	2	1659.732	2.49	Salivary gland	2L:-:3845864-3845817	exon=> In CDS Exon 10 of transcript AGAP004817-PA
JHU_Ag_92779	SGGSTGAASGAGAGGASATHTVVK	AGAP004817-PA	-	109	2.49E-10	1	1958.957	2.28	Malpighian tubule	2L:-:3852309-3852238	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_100732	IQSLMETTQR	AGAP004817-PA	M5(Oxidation)	43	0.00080233	1	1222.609	-0.7	Malpighian tubule	2L:-:3852150-3852121	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_101483	IQSLMETTQR	AGAP004817-PA	M5(Oxidation)	50	0.000141512	2	1222.614	3.3	Ovary	2L:-:3852150-3852121	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_110485	AVIFLLETLPVGAFATTSK	AGAP004817-PA	-	111	1.66E-11	1	1978.125	-0.54	Malpighian tubule	2L:-:3852066-3852010	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_115766	SGGSTGAASGAGAGGASATHTVVK	AGAP004817-PA	-	169	2.13E-16	1	1958.954	0.75	Head	2L:-:3852309-3852238	exon=> In CDS Exon 2 of transcript AGAP004817-PA
JHU_Ag_379	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	144	5.40E-14	1	2214.111	1.65	Head	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_2276	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	145	4.97E-14	1	2214.112	2.07	Male reproductive organs	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_4627	DESKPWTQFFK	AGAP004819-PC	-	45	0.000509934	1	1412.687	1.52	Head	2L:-:3869574-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_32601	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	112	1.06E-10	1	2214.112	2.07	Pupa	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_45671	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	121	1.28E-11	1	2214.114	2.65	Visceras	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_50062	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	125	5.16E-12	1	2214.102	-2.56	Midgut	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_61706	ANKVEEIR	AGAP004819-PC	N-Term(Acetyl)	38	0.00184037	1	1000.544	1.51	Visceras	2L:-:3869622-3869599	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_72556	ANKVEEIR	AGAP004819-PC	N-Term(Acetyl)	46	0.000326715	1	1000.543	1.15	Malpighian tubule	2L:-:3869622-3869599	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_86390	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	131	1.07E-12	1	2214.116	3.56	Malpighian tubule	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_102111	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	118	2.45E-11	1	2214.111	1.32	Ovary	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC
JHU_Ag_116846	GSIESSLKDESKPWTQFFK	AGAP004819-PC	-	86	3.94E-08	1	2214.119	5.05	Larva	2L:-:3869598-3869542	exon=> In CDS Exon 1 of transcript AGAP004819-PC

JHU_Ag_4878	VADSFISDTTDK	AGAP004819-PC,AGAP004819-PB	-	79	1.60E-07	2	1298.610	-0.83	Male reproductive organs	2L:-:3861422-3861521,3861247-3861295;2L:-:3861422-3861521,3861247-3861295	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_34189	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	88	2.06E-08	1	1539.795	2.97	Pupa	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_45383	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	95	3.87E-09	1	1539.799	5.82	Larva	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_47299	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	48	0.000223326	1	1539.788	-1.36	Ovary	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_52312	VIQPYFK	AGAP004819-PC,AGAP004819-PB	-	28	0.008787698	1	894.508	-0.37	Head	2L:-:3861455-3861435;2L:-:3861455-3861435	exon=> In CDS Exon 3 of transcript AGAP004819-PC;exon=> In CDS Exon 3 of transcript AGAP004819-PB
JHU_Ag_52599	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	101	1.26E-09	1	1539.792	0.99	Male reproductive organs	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_61843	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	101	1.02E-09	1	1539.796	3.6	Malpighian tubule	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_62510	VADSFISDTTDK	AGAP004819-PC,AGAP004819-PB	-	57	2.76E-05	2	1298.616	3.78	Malpighian tubule	2L:-:3861422-3861521,3861247-3861295;2L:-:3861422-3861521,3861247-3861295	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_66934	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	87	3.05E-08	1	1539.790	-0.28	Midgut	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB

JHU_Ag_74973	VADSFISDTTDK	AGAP004819-PC,AGAP004819-PB	-	105	3.50E-10	1	1298.613	1.52	Head	2L:-:3861422-3861521,3861247-3861295;2L:-:3861422-3861521,3861247-3861295	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_85048	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	97	2.45E-09	1	1539.795	2.97	Visceras	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_92797	VADSFISDTTDKLK	AGAP004819-PC,AGAP004819-PB	-	100	1.30E-09	1	1539.793	1.78	Head	2L:-:3861422-3861521,3861247-3861289;2L:-:3861422-3861521,3861247-3861289	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_95975	VADSFISDTTDK	AGAP004819-PC,AGAP004819-PB	-	89	1.48E-08	1	1298.614	1.9	Visceras	2L:-:3861422-3861521,3861247-3861295;2L:-:3861422-3861521,3861247-3861295	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_105065	VADSFISDTTDK	AGAP004819-PC,AGAP004819-PB	-	77	2.71E-07	2	1298.610	-0.74	Midgut	2L:-:3861422-3861521,3861247-3861295;2L:-:3861422-3861521,3861247-3861295	exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP004819-PB
JHU_Ag_19223	FGASFDFDLIR	AGAP004820-PA	-	64	5.47E-06	1	1287.638	0.67	Ovary	2L:+:3871569-3871601	exon=> In CDS Exon 3 of transcript AGAP004820-PA
JHU_Ag_2162	IFQADIIYHLFDK	AGAP004824-PA	-	84	4.09E-08	1	1622.863	3.35	Ovary	2L:-:3969330-3969292	exon=> In CDS Exon 6 of transcript AGAP004824-PA
JHU_Ag_5524	TPFVVALNK	AGAP004824-PA	-	38	0.000749152	2	988.583	0.67	Male reproductive organs	2L:-:3979933-3979907	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_7687	AQASNTQLEFNQR	AGAP004824-PA	-	95	6.35E-09	1	1506.734	2.71	Malpighian tubule	2L:-:3979846-3979808	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_9351	AQASNTQLEFNQR	AGAP004824-PA	-	89	2.25E-08	2	1506.728	-1.01	Midgut	2L:-:3979846-3979808	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_12359	LPGLLIIDTPGHESFSNLR	AGAP004824-PA	-	79	8.42E-08	1	2079.127	1.75	Malpighian tubule	2L:-:3980095-3980039	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_30910	AIAGLNLQIAHKPDEVEIFR	AGAP004824-PA	-	90	3.32E-09	1	2234.238	3.68	Malpighian tubule	2L:-:3979357-3980503,3979094-3979226	exon=> In CDS Exon 4 and 3 of transcript AGAP004824-PA
JHU_Ag_31496	LPGLLIIDTPGHESFSNLR	AGAP004824-PA	-	137	1.08E-13	1	2079.131	3.42	Ovary	2L:-:3980095-3980039	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_31811	IPYSGIR	AGAP004824-PA	-	48	0.000167792	2	805.460	4.57	Ovary	2L:-:3979099-3979226,3969771-3969833	exon=> In CDS Exon 5 and 4 of transcript AGAP004824-PA
JHU_Ag_33873	AIAGLNLQIAHKPDEVEIFR	AGAP004824-PA	-	100	3.42E-10	1	2234.240	4.67	Ovary	2L:-:3979357-3980503,3979094-3979226	exon=> In CDS Exon 4 and 3 of transcript AGAP004824-PA
JHU_Ag_43433	LPGLLIIDTPGHESFSNLR	AGAP004824-PA	-	103	2.97E-10	1	2079.134	4.92	Head	2L:-:3980095-3980039	exon=> In CDS Exon 3 of transcript AGAP004824-PA

JHU_Ag_52692	TNVQDGEAGGITQQIGATNVPSENIKEQTR	AGAP004824-PA	-	46	0.000341524	1	3155.561	1.51	Ovary	2L:-:3980218-3980129	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_53143	TFQIL	AGAP004824-PA	-	31	0.003399296	1	621.361	0.39	Ovary	2L:-:3953504-3953490	exon=> In CDS Exon 9 of transcript AGAP004824-PA
JHU_Ag_63206	AQASNTQLEFNQR	AGAP004824-PA	-	80	1.75E-07	2	1506.733	2.15	Ovary	2L:-:3979846-3979808	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_64546	TNVQDGEAGGITQQIGATNVPSENIK	AGAP004824-PA	-	68	1.89E-06	2	2641.318	4.32	Ovary	2L:-:3980218-3980141	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_66605	AIPGLGTTIDAILINGK	AGAP004824-PA	-	48	3.23E-05	2	1666.976	1.05	Ovary	2L:-:3979585-3979535	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_68148	DAQDLADNLGVK	AGAP004824-PA	-	47	0.000282957	2	1258.631	3.14	Malpighian tubule	2L:-:3969366-3969331	exon=> In CDS Exon 6 of transcript AGAP004824-PA
JHU_Ag_68632	TNVQDGEAGGITQQIGATNVPSENIKEQTR	AGAP004824-PA	-	107	2.67E-10	1	3155.567	3.25	Malpighian tubule	2L:-:3980218-3980129	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_69848	TPFVVALNK	AGAP004824-PA	-	56	1.17E-05	2	988.586	3.2	Ovary	2L:-:3979933-3979907	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_71692	LPGLLIIDTPGHESFSNLR	AGAP004824-PA	-	127	1.18E-12	1	2079.131	3.6	Pupa	2L:-:3980095-3980039	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_74489	RTPFVVALNK	AGAP004824-PA	-	29	0.002992732	2	1144.687	3.2	Ovary	2L:-:3979936-3979907	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_89571	DAQDLADNLGVK	AGAP004824-PA	-	50	0.000146798	2	1258.628	0.52	Ovary	2L:-:3969366-3969331	exon=> In CDS Exon 6 of transcript AGAP004824-PA
JHU_Ag_91064	AQASNTQLEFNQR	AGAP004824-PA	-	84	6.87E-08	2	1506.732	1.42	Pupa	2L:-:3979846-3979808	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_91977	AAVVCVLGHVDTGKTK	AGAP004824-PA	C5(Carbamidomethyl)	44	0.000291535	1	1654.905	6.07	Malpighian tubule	2L:-:3980287-3980240	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_94731	LPGLLIIDTPGHESFSNLR	AGAP004824-PA	-	69	8.35E-07	1	2079.129	2.54	Male reproductive organs	2L:-:3980095-3980039	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_95741	AQASNTQLEFNQR	AGAP004824-PA	-	56	5.19E-05	2	1506.733	2.07	Salivary gland	2L:-:3979846-3979808	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_96269	DAQDLADNLGVK	AGAP004824-PA	-	37	0.002530087	1	1258.630	2.07	Head	2L:-:3969366-3969331	exon=> In CDS Exon 6 of transcript AGAP004824-PA
JHU_Ag_102774	LPGLLIIDTPGHESFSNLR	AGAP004824-PA	-	116	1.44E-11	1	2079.128	2.37	Visceras	2L:-:3980095-3980039	exon=> In CDS Exon 3 of transcript AGAP004824-PA
JHU_Ag_103619	IGPVVKR	AGAP004824-PA	-	32	0.000381199	2	768.510	1.59	Malpighian tubule	2L:-:3969832-3969812	exon=> In CDS Exon 5 of transcript AGAP004824-PA
JHU_Ag_113830	DAQDLADNLGVK	AGAP004824-PA	-	67	2.74E-06	1	1258.632	3.72	Midgut	2L:-:3969366-3969331	exon=> In CDS Exon 6 of transcript AGAP004824-PA
JHU_Ag_27996	ATTVAGK	AGAP004825-PA	-	38	0.001020736	1	647.377	6.9	Male reproductive organs	2L:+:3993068-3993088	exon=> In CDS Exon 1 of transcript AGAP004825-PA
JHU_Ag_111251	NALEVFLK	AGAP004828-PA	N1(Deamidated)	31	0.005621462	2	934.531	6.8	Head	2L:+:4153869-4153892	exon=> In CDS Exon 3 of transcript AGAP004828-PA
JHU_Ag_7825	LKQGGNYSK	AGAP004829-PA	Q3(Deamidated)	32	0.007990543	1	995.520	4.54	Midgut	2L:-:4164016-4163990	exon=> In CDS Exon 5 of transcript AGAP004829-PA
JHU_Ag_28867	GAEDAEHLEEDEGDQVEEDNVEPLEEVDDATGAKPSK	AGAP004830-PA	-	81	4.10E-08	1	3995.740	3.12	Malpighian tubule	2L:-:4185514-4185404	exon=> In CDS Exon 1 of transcript AGAP004830-PA
JHU_Ag_13012	LISPQGSATAEK	AGAP004830-PA,AGAP004830-PB	-	49	0.000182615	2	1201.647	3.48	Ovary	2L:-:4184365-4184330;2L:-:4184365-4184330	exon=> In CDS Exon 1 of transcript AGAP004830-PA;exon=> In CDS Exon 2 of transcript AGAP004830-PB
JHU_Ag_63263	ICEQCLGQVR	AGAP004830-PA,AGAP004830-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	51	0.000124769	1	1262.599	0.78	Head	2L:-:4185127-4185098;2L:-:4185127-4185098	exon=> In CDS Exon 1 of transcript AGAP004830-PA;exon=> In CDS Exon 2 of transcript AGAP004830-PB

JHU_Ag_89421	ICEQCLGQVR	AGAP004830-PA,AGAP004830-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	62	1.11E-05	2	1262.598	-0.09	Ovary	2L:-:4185127-4185098;2L:-:4185127-4185098	exon=> In CDS Exon 1 of transcript AGAP004830-PA;exon=> In CDS Exon 2 of transcript AGAP004830-PB
JHU_Ag_10054	KLEIDLFR	AGAP004832-PA	-	36	0.001300 18	1	1033.605	0.65	Pupa	2L:-:4214858-4214835	exon=> In CDS Exon 2 of transcript AGAP004832-PA
JHU_Ag_17589	VIELSYNHLVSMPPR	AGAP004832-PA	M12(Oxidation)	43	0.000627 223	2	1770.926	2.92	Larva	2L:-:4216043-4215999	exon=> In CDS Exon 2 of transcript AGAP004832-PA
JHU_Ag_90433	SVPEELFLENLEVK	AGAP004832-PA	-	55	3.80E-05	2	1645.886	10.86	Larva	2L:-:4216229-4216188	exon=> In CDS Exon 2 of transcript AGAP004832-PA
JHU_Ag_107444	IIQNLPR	AGAP004832-PA	-	35	0.000457 44	2	853.528	2.49	Larva	2L:-:4215569-4215549	exon=> In CDS Exon 2 of transcript AGAP004832-PA
JHU_Ag_116518	HLDLSNNPIANIPDQFLQR	AGAP004832-PA	-	41	0.000734 896	1	2205.152	5.05	Larva	2L:-:4215542-4215486	exon=> In CDS Exon 2 of transcript AGAP004832-PA
JHU_Ag_2253	EALLKLK	AGAP004833-PA	-	37	0.000535 605	1	814.539	-1.11	Ovary	2L:+:4235204-4235218,4235348-4235353	exon=> In CDS Exon 3 and 4 of transcript AGAP004833-PA
JHU_Ag_19155	EALLKLK	AGAP004833-PA	-	37	0.000629 281	2	814.541	1.73	Salivary gland	2L:+:4235204-4235218,4235348-4235353	exon=> In CDS Exon 3 and 4 of transcript AGAP004833-PA
JHU_Ag_59540	EALLKLK	AGAP004833-PA	-	40	0.000264 146	1	814.539	-1.17	Head	2L:+:4235204-4235218,4235348-4235353	exon=> In CDS Exon 3 and 4 of transcript AGAP004833-PA
JHU_Ag_108674	ELEILK	AGAP004833-PA,AGAP005071-PA,AGAP005071-PB	-	31	0.008249 243	1	744.452	2.67	Head	2L:+:4235979-4235996;2L:-:9487021-9487004;2L:-:9487021-9487004	exon=> In CDS Exon 5 of transcript AGAP004833-PA;exon=> In CDS Exon 4 of transcript AGAP005071-PA;exon=> In CDS Exon 3 of transcript AGAP005071-PB
JHU_Ag_25356	LKNPPLMMLDPTDLNSVR	AGAP004834-PA	M7(Oxidation), M8(Oxidation)	96	3.74E-09	1	2086.076	4.33	Larva	2L:-:4246598-4246545	exon=> In CDS Exon 2 of transcript AGAP004834-PA
JHU_Ag_57461	GLFHEITGK	AGAP004834-PA	-	59	2.57E-05	1	1001.540	-1.53	Head	2L:-:4246658-4246632	exon=> In CDS Exon 2 of transcript AGAP004834-PA
JHU_Ag_96548	GLFHEITGK	AGAP004834-PA	-	45	0.000432 849	2	1001.546	4.62	Larva	2L:-:4246658-4246632	exon=> In CDS Exon 2 of transcript AGAP004834-PA
JHU_Ag_101518	SKQSHIASVWNR	AGAP004838-PA	-	74	3.85E-07	1	1412.742	1.68	Malpighian tubule	2L:-:4369680-4369645	exon=> In CDS Exon 1 of transcript AGAP004838-PA
JHU_Ag_170	CVRNPNK	AGAP004839-PA	C1(Carbamidomethyl), N4(Deamidated)	36	0.001616 382	1	888.424	-13.25	Head	2L:+:4377117-4377137	exon=> In CDS Exon 2 of transcript AGAP004839-PA
JHU_Ag_71267	CVRNPNK	AGAP004839-PA	C1(Carbamidomethyl), N4(Deamidated)	37	0.001385 3	1	888.424	-13.05	Pupa	2L:+:4377117-4377137	exon=> In CDS Exon 2 of transcript AGAP004839-PA
JHU_Ag_40668	QIDAEDVLVLTDIK	AGAP004840-PA	-	38	0.001648 741	2	1571.852	-0.73	Midgut	2L:-:4377952-4377911	exon=> In CDS Exon 3 of transcript AGAP004840-PA
JHU_Ag_89726	LISEAQAEANIYR	AGAP004840-PA	-	90	1.50E-08	1	1477.766	0.81	Ovary	2L:-:4378353-4378315	exon=> In CDS Exon 2 of transcript AGAP004840-PA
JHU_Ag_90077	VCQLQFIR	AGAP004840-PA	C2(Carbamidomethyl)	56	3.61E-05	2	1063.579	6.49	Ovary	2L:-:4378057-4378034	exon=> In CDS Exon 3 of transcript AGAP004840-PA
JHU_Ag_90706	QIDAEDVLVLTDIK	AGAP004840-PA	-	93	5.11E-09	1	1571.852	-0.27	Ovary	2L:-:4377952-4377911	exon=> In CDS Exon 3 of transcript AGAP004840-PA
JHU_Ag_91623	TNLPIIIGSGLTLANFPSYWTLAHGAIVGSHFK	AGAP004840-PA	-	123	1.16E-12	1	3495.888	2.57	Ovary	2L:-:4377693-4377595	exon=> In CDS Exon 4 of transcript AGAP004840-PA
JHU_Ag_8140	LAVAVISNSAPALR	AGAP004841-PA	-	44	9.16E-05	2	1381.814	-1.62	Midgut	2L:-:4386161-4386120	exon=> In CDS Exon 7 of transcript AGAP004841-PA
JHU_Ag_77845	ILVKYMVK	AGAP004841-PA	-	19	0.010676 255	1	993.622	5.2	Head	2L:-:4387326-4387303	exon=> In CDS Exon 2 of transcript AGAP004841-PA

JHU_Ag_196	GAETVNYPSVSHGLFPR	AGAP004842-PB,AGAP004842-PA	-	42	0.000953668	1	1830.922	4.66	Visceras	2L:+:4391510-4391560;2L:+:4391510-4391560	exon=> In CDS Exon 2 of transcript AGAP004842-PB;exon=> In CDS Exon 1 of transcript AGAP004842-PA
JHU_Ag_8851	SEDATHHLQNAVGSAFTTAR	AGAP004842-PB,AGAP004842-PA	-	75	4.47E-07	1	2113.004	-0.71	Male reproductive organs	2L:+:4392074-4392127,4392198-4392203;2L:+:4392074-4392127,4392198-4392203	exon=> In CDS Exon 3 and 4 of transcript AGAP004842-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004842-PA
JHU_Ag_16212	GAETVNYPSVSHGLFPR	AGAP004842-PB,AGAP004842-PA	-	38	0.002678205	1	1830.919	2.85	Malpighian tubule	2L:+:4391510-4391560;2L:+:4391510-4391560	exon=> In CDS Exon 2 of transcript AGAP004842-PB;exon=> In CDS Exon 1 of transcript AGAP004842-PA
JHU_Ag_22280	TTELYMLQDSSTGFEK	AGAP004842-PB,AGAP004842-PA	M6(Oxidation)	119	1.35E-11	2	1865.847	0.03	Midgut	2L:+:4391963-4392010;2L:+:4391963-4392010	exon=> In CDS Exon 3 of transcript AGAP004842-PB;exon=> In CDS Exon 2 of transcript AGAP004842-PA
JHU_Ag_30327	RMEEASLVHDFLVK	AGAP004842-PB,AGAP004842-PA	M2(Oxidation)	62	9.48E-06	1	1689.863	0.1	Male reproductive organs	2L:+:4392032-4392073;2L:+:4392032-4392073	exon=> In CDS Exon 3 of transcript AGAP004842-PB;exon=> In CDS Exon 2 of transcript AGAP004842-PA
JHU_Ag_36765	SEDATHHLQNAVGSAFTTAR	AGAP004842-PB,AGAP004842-PA	-	96	4.26E-09	1	2113.005	-0.53	Head	2L:+:4392074-4392127,4392198-4392203;2L:+:4392074-4392127,4392198-4392203	exon=> In CDS Exon 3 and 4 of transcript AGAP004842-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004842-PA
JHU_Ag_46656	VPNPSEFAR	AGAP004842-PB,AGAP004842-PA	-	52	0.000100419	2	1016.518	1.88	Male reproductive organs	2L:+:4391651-4391677;2L:+:4391651-4391677	exon=> In CDS Exon 2 of transcript AGAP004842-PB;exon=> In CDS Exon 1 of transcript AGAP004842-PA
JHU_Ag_47816	SEDATHHLQNAVGSAFTTAR	AGAP004842-PB,AGAP004842-PA	-	75	4.68E-07	1	2113.007	0.33	Visceras	2L:+:4392074-4392127,4392198-4392203;2L:+:4392074-4392127,4392198-4392203	exon=> In CDS Exon 3 and 4 of transcript AGAP004842-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004842-PA
JHU_Ag_56106	IGLACIYK	AGAP004842-PB,AGAP004842-PA	C5(Carbamidomethyl)	39	0.000881201	2	937.520	2.91	Male reproductive organs	2L:+:4391939-4391962;2L:+:4391939-4391962	exon=> In CDS Exon 3 of transcript AGAP004842-PB;exon=> In CDS Exon 2 of transcript AGAP004842-PA
JHU_Ag_79606	NILGLNFER	AGAP004842-PB,AGAP004842-PA	-	35	0.003409556	2	1075.588	-1.36	Ovary	2L:+:4392204-4392230;2L:+:4392204-4392230	exon=> In CDS Exon 4 of transcript AGAP004842-PB;exon=> In CDS Exon 3 of transcript AGAP004842-PA
JHU_Ag_82450	SEDATHHLQNAVGSAFTTAR	AGAP004842-PB,AGAP004842-PA	-	92	9.65E-09	1	2113.004	-0.79	Midgut	2L:+:4392074-4392127,4392198-4392203;2L:+:4392074-4392127,4392198-4392203	exon=> In CDS Exon 3 and 4 of transcript AGAP004842-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP004842-PA
JHU_Ag_89811	GAETVNYPSVSHGLFPR	AGAP004842-PB,AGAP004842-PA	-	40	0.001692447	1	1830.919	3.25	Male reproductive organs	2L:+:4391510-4391560;2L:+:4391510-4391560	exon=> In CDS Exon 2 of transcript AGAP004842-PB;exon=> In CDS Exon 1 of transcript AGAP004842-PA
JHU_Ag_92608	GGIELVHHFYK	AGAP004842-PB,AGAP004842-PA	-	50	0.000115344	2	1299.685	0.68	Head	2L:+:4391561-4391593;2L:+:4391561-4391593	exon=> In CDS Exon 2 of transcript AGAP004842-PB;exon=> In CDS Exon 1 of transcript AGAP004842-PA
JHU_Ag_96889	GAETVNYPSVSHGLFPR	AGAP004842-PB,AGAP004842-PA	-	90	1.74E-08	1	1830.914	0.39	Midgut	2L:+:4391510-4391560;2L:+:4391510-4391560	exon=> In CDS Exon 2 of transcript AGAP004842-PB;exon=> In CDS Exon 1 of transcript AGAP004842-PA
JHU_Ag_8689	IKLPEVINK	AGAP004843-PA	N8(Deamidated)	43	0.000119466	1	1054.653	1.68	Salivary gland	2L:+:4389465-4389491	exon=> In CDS Exon 1 of transcript AGAP004843-PA

JHU_Ag_16168	LMQALVK	AGAP004843-PA	M2(Oxidation), Q3(Deamidated)	36	0.002170836	1	819.468	3.69	Malpighian tubule	2L:+:4390195-4390215	exon=> In CDS Exon 2 of transcript AGAP004843-PA
JHU_Ag_106490	IKLPEVINK	AGAP004843-PA	N8(Deamidated)	43	0.000121687	1	1054.650	-0.32	Midgut	2L:+:4389465-4389491	exon=> In CDS Exon 1 of transcript AGAP004843-PA
JHU_Ag_16711	VGGQSFGWWSRPPVEPIIR	AGAP004846-PA,AGAP004846-PB	-	106	2.54E-10	1	2168.145	2.12	Visceras	2L:+:4424113-4424169;2L:+:4424113-4424169	exon=> In CDS Exon 2 of transcript AGAP004846-PA;exon=> In CDS Exon 2 of transcript AGAP004846-PB
JHU_Ag_64245	VGGQSFGWWSRPPVEPIIR	AGAP004846-PA,AGAP004846-PB	-	105	3.19E-10	1	2168.152	5.33	Larva	2L:+:4424113-4424169;2L:+:4424113-4424169	exon=> In CDS Exon 2 of transcript AGAP004846-PA;exon=> In CDS Exon 2 of transcript AGAP004846-PB
JHU_Ag_9191	VGGQSFGWWSRPPVEPIIR	AGAP004846-PB,AGAP004846-PA	-	102	5.97E-10	1	2168.150	4.49	Head	2L:+:4424113-4424169;2L:+:4424113-4424169	exon=> In CDS Exon 2 of transcript AGAP004846-PB;exon=> In CDS Exon 2 of transcript AGAP004846-PA
JHU_Ag_46381	LAMASIMDILK	AGAP004846-PB,AGAP004846-PA	-	37	0.001787604	2	1205.670	5.83	Malpighian tubule	2L:+:4425366-4425398;2L:+:4425366-4425398	exon=> In CDS Exon 4 of transcript AGAP004846-PB;exon=> In CDS Exon 4 of transcript AGAP004846-PA
JHU_Ag_54737	VGGQSFGWWSRPPVEPIIR	AGAP004846-PB,AGAP004846-PA	-	42	0.000601843	3	2168.151	5.25	Malpighian tubule	2L:+:4424113-4424169;2L:+:4424113-4424169	exon=> In CDS Exon 2 of transcript AGAP004846-PB;exon=> In CDS Exon 2 of transcript AGAP004846-PA
JHU_Ag_107357	LAMASIMDILK	AGAP004846-PB,AGAP004846-PA	-	34	0.003568842	2	1205.667	3.29	Pupa	2L:+:4425366-4425398;2L:+:4425366-4425398	exon=> In CDS Exon 4 of transcript AGAP004846-PB;exon=> In CDS Exon 4 of transcript AGAP004846-PA
JHU_Ag_71450	TIIVPNISLLGVAAR	AGAP004847-PA	-	31	0.000334241	2	1536.955	5.35	Larva	2L:+:4434160-4434189,4434273-4434287	exon=> In CDS Exon 2 and 3 of transcript AGAP004847-PA
JHU_Ag_30154	LYNILSNK	AGAP004849-PA	-	41	0.000441971	1	964.547	0.97	Ovary	2L:+:4442242-4442265	exon=> In CDS Exon 2 of transcript AGAP004849-PA
JHU_Ag_31453	SAFSSLIESLEAK	AGAP004849-PA	-	94	4.44E-09	1	1381.726	3.26	Ovary	2L:+:4442707-4442745	exon=> In CDS Exon 2 of transcript AGAP004849-PA
JHU_Ag_38816	LSLQTHPDR	AGAP004849-PA	-	37	0.002442897	1	1066.563	-0.99	Ovary	2L:+:4442161-4442187	exon=> In CDS Exon 2 of transcript AGAP004849-PA
JHU_Ag_45008	IAAIVQEMIDSK	AGAP004849-PA	M8(Oxidation)	94	6.70E-09	1	1333.703	-0.43	Ovary	2L:+:4442515-4442550	exon=> In CDS Exon 2 of transcript AGAP004849-PA
JHU_Ag_86232	NIYELFGVEK	AGAP004849-PA	-	69	1.45E-06	2	1211.629	-1.25	Ovary	2L:+:4442006-4442035	exon=> In CDS Exon 1 of transcript AGAP004849-PA
JHU_Ag_99838	SAFSSLIESLEAK	AGAP004849-PA	-	49	0.000178157	2	1381.727	4.32	Head	2L:+:4442707-4442745	exon=> In CDS Exon 2 of transcript AGAP004849-PA
JHU_Ag_442	ISAGPQSHILEGVSWDEANRLK	AGAP004852-PA	-	66	2.88E-06	1	2407.238	0.42	Ovary	2L:-:4470578-4470513	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_700	GASLVSPPSQSEQEDTTAEHHVLR	AGAP004852-PA	-	34	0.006297782	1	2575.244	2.1	Ovary	2L:-:4470170-4470235,4469959-4470014	exon=> In CDS Exon 9 and 8 of transcript AGAP004852-PA
JHU_Ag_2255	GASLVSPPSQSEQEDTTAEHHVLR	AGAP004852-PA	-	78	2.59E-07	1	2575.237	-0.47	Male reproductive organs	2L:-:4470170-4470235,4469959-4470014	exon=> In CDS Exon 9 and 8 of transcript AGAP004852-PA
JHU_Ag_2541	IQQQIKDNR	AGAP004852-PA	-	59	1.35E-05	1	1142.630	2.39	Malpighian tubule	2L:-:4470727-4470829,4470320-4470591	exon=> In CDS Exon 7 and 6 of transcript AGAP004852-PA
JHU_Ag_13697	NPFDSVTDDELNEYKK	AGAP004852-PA	-	82	7.45E-08	1	1913.873	-1.92	Visceras	2L:-:4470395-4470348	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_14480	GYQHNATVYKAPYAK	AGAP004852-PA	-	102	9.79E-10	1	1710.869	5.24	Malpighian tubule	2L:-:4470440-4470396	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_16641	ISAGPQSHILEGVSWDEANR	AGAP004852-PA	-	147	3.57E-14	1	2166.064	3.11	Visceras	2L:-:4470578-4470519	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_16649	LKDANVSAAGDHVVLMGAASK	AGAP004852-PA	-	72	6.32E-07	1	2054.075	2.3	Ovary	2L:-:4470518-4470456	exon=> In CDS Exon 7 of transcript AGAP004852-PA

JHU_Ag_17938	ISAGPQSHILEGVSWDEANR	AGAP004852-PA	Q6(Deamidated)	105	6.01E-10	1	2166.060	1.31	Ovary	2L:-:4470578-4470519	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_18092	NPFDSVTDDELNEYKK	AGAP004852-PA	-	121	9.66E-12	1	1913.878	0.63	Malpighian tubule	2L:-:4470395-4470348	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_22557	ISAGPQSHILEGVSWDEANR	AGAP004852-PA	-	147	3.71E-14	1	2166.063	2.55	Salivary gland	2L:-:4470578-4470519	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_27976	GYQHNATVYK	AGAP004852-PA	-	75	5.13E-07	1	1180.570	-3.46	Head	2L:-:4470440-4470411	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_35043	HGDGTDTDFSESEALSSLQISGPAK	AGAP004852-PA	-	47	0.000228 64	3	2549.170	2.37	Ovary	2L:-:4470329-4470605,4470116-4470171	exon=> In CDS Exon 8 and 7 of transcript AGAP004852-PA
JHU_Ag_36056	ISAGPQSHILEGVSWDEANR	AGAP004852-PA	-	44	0.000743 728	1	2166.057	-0.11	Male reproductive organs	2L:-:4470578-4470519	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_38225	LKDANVSAAGDHVVLMGAASK	AGAP004852-PA	M16(Oxidation)	68	1.80E-06	1	2070.065	-0.07	Salivary gland	2L:-:4470518-4470456	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_38835	NPFDSVTDDELNEYK	AGAP004852-PA	-	67	1.66E-06	2	1785.783	0.81	Salivary gland	2L:-:4470395-4470351	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_40345	LKDANVSAAGDHVVLMGAASK	AGAP004852-PA	M16(Oxidation)	67	2.55E-06	1	2070.068	1.26	Malpighian tubule	2L:-:4470518-4470456	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_43668	GYQHNATVYK	AGAP004852-PA	-	62	9.71E-06	1	1180.579	3.47	Salivary gland	2L:-:4470440-4470411	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_45357	DANVSAAGDHVVLMGAASK	AGAP004852-PA	M14(Oxidation)	150	1.38E-14	1	1828.890	2.28	Head	2L:-:4470512-4470456	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_55203	IEHAHQFVPTNTNPR	AGAP004852-PA	-	84	5.55E-08	1	1760.879	-2.09	Ovary	2L:-:4470784-4470740	exon=> In CDS Exon 6 of transcript AGAP004852-PA
JHU_Ag_56330	TPSFLKK	AGAP004852-PA	-	36	0.000998 594	2	820.495	3.16	Malpighian tubule	2L:-:4468508-4468488	exon=> In CDS Exon 11 of transcript AGAP004852-PA
JHU_Ag_56445	RHGDGTDTDFSESEALSSLQISGPAK	AGAP004852-PA	-	111	1.36E-10	1	2705.278	4.97	Ovary	2L:-:4470332-4470605,4470116-4470171	exon=> In CDS Exon 8 and 7 of transcript AGAP004852-PA
JHU_Ag_58444	GASLVSPPSQSEQEDTTAEHHVLR	AGAP004852-PA	Q10(Deamidated),Q13(Deamidated)	118	2.36E-11	1	2575.231	-2.93	Head	2L:-:4470170-4470235,4469959-4470014	exon=> In CDS Exon 9 and 8 of transcript AGAP004852-PA
JHU_Ag_60202	IEHAHQFVPTNTNPR	AGAP004852-PA	-	71	1.40E-06	1	1760.885	1.1	Visceras	2L:-:4470784-4470740	exon=> In CDS Exon 6 of transcript AGAP004852-PA
JHU_Ag_61038	HGDGTDTDFSESEALSSLQISGPAK	AGAP004852-PA	-	38	0.001664 65	3	2549.169	2.01	Visceras	2L:-:4470329-4470605,4470116-4470171	exon=> In CDS Exon 8 and 7 of transcript AGAP004852-PA
JHU_Ag_63123	HGDGTDTDFSESEALSSLQISGPAK	AGAP004852-PA	-	120	1.21E-11	2	2549.172	3.05	Head	2L:-:4470329-4470605,4470116-4470171	exon=> In CDS Exon 8 and 7 of transcript AGAP004852-PA
JHU_Ag_63860	RIQQQIK	AGAP004852-PA	-	36	0.001617 529	1	913.557	-1.36	Head	2L:-:4470730-4470829,4470320-4470600	exon=> In CDS Exon 7 and 6 of transcript AGAP004852-PA
JHU_Ag_69695	NPFDSVTDDELNEYK	AGAP004852-PA	-	66	1.95E-06	2	1785.786	2.52	Head	2L:-:4470395-4470351	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_69742	NPFDSVTDDELNEYKK	AGAP004852-PA	-	101	8.58E-10	1	1913.877	0.12	Male reproductive organs	2L:-:4470395-4470348	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_75584	WVAEPSPTHSSTPVKIEHAHQFVPTNTNPR	AGAP004852-PA	-	62	5.11E-06	1	3364.699	4.86	Malpighian tubule	2L:-:4470829-4470740	exon=> In CDS Exon 6 of transcript AGAP004852-PA
JHU_Ag_80690	NPFDSVTDDELNEYKK	AGAP004852-PA	N1(Deamidated)	108	1.93E-10	1	1913.876	-0.01	Ovary	2L:-:4470395-4470348	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_81822	GASLVSPPSQSEQEDTTAEHHVLR	AGAP004852-PA	-	95	5.14E-09	1	2575.248	3.71	Malpighian tubule	2L:-:4470170-4470235,4469959-4470014	exon=> In CDS Exon 9 and 8 of transcript AGAP004852-PA

JHU_Ag_85254	RHGDGTDTDFSESEALSSLQISGPAK	AGAP004852-PA	-	54	5.94E-05	3	2705.284	7.02	Malpighian tubule	2L:-:4470332-4470605,4470116-4470171	exon=> In CDS Exon 8 and 7 of transcript AGAP004852-PA
JHU_Ag_87174	NPFDSVTDDELNEYKK	AGAP004852-PA	-	99	1.59E-09	1	1913.876	-0.11	Salivary gland	2L:-:4470395-4470348	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_89947	IEHAHQFVPTNTNPR	AGAP004852-PA	Q6(Deamidated)	90	1.63E-08	1	1760.887	2.49	Head	2L:-:4470784-4470740	exon=> In CDS Exon 6 of transcript AGAP004852-PA
JHU_Ag_90533	GASLVSPPSQSEQEDTTAEHHVLR	AGAP004852-PA	-	74	6.97E-07	1	2575.240	0.58	Salivary gland	2L:-:4470170-4470235,4469959-4470014	exon=> In CDS Exon 9 and 8 of transcript AGAP004852-PA
JHU_Ag_90880	GIIQRGYQHNATVYK	AGAP004852-PA	-	32	0.006015973	1	1747.928	2.4	Malpighian tubule	2L:-:4470455-4470411	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_93669	NPFDSVTDDELNEYKK	AGAP004852-PA	-	135	4.01E-13	1	1913.880	1.97	Head	2L:-:4470395-4470348	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_96887	ISAGPQSHILEGVSWDEANR	AGAP004852-PA	-	174	6.60E-17	1	2166.062	2.21	Head	2L:-:4470578-4470519	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_98100	HGDGTDTDFSESEALSSLQISGPAK	AGAP004852-PA	-	104	4.43E-10	1	2549.175	4.38	Malpighian tubule	2L:-:4470329-4470605,4470116-4470171	exon=> In CDS Exon 8 and 7 of transcript AGAP004852-PA
JHU_Ag_110590	ISAGPQSHILEGVSWDEANR	AGAP004852-PA	-	105	5.16E-10	1	2166.056	-0.53	Malpighian tubule	2L:-:4470578-4470519	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_111613	DANVSAAGDHVVLMGAASK	AGAP004852-PA	M14(Oxidation)	88	2.14E-08	1	1828.885	-0.39	Salivary gland	2L:-:4470512-4470456	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_112329	GYQHNATVYK	AGAP004852-PA	-	44	0.000669573	1	1180.573	-0.97	Male reproductive organs	2L:-:4470440-4470411	exon=> In CDS Exon 7 of transcript AGAP004852-PA
JHU_Ag_112799	GASLVSPPSQSEQEDTTAEHHVLRIETK	AGAP004852-PA	-	63	5.75E-06	1	3046.518	3.53	Malpighian tubule	2L:-:4470170-4470235,4469959-4470002	exon=> In CDS Exon 9 and 8 of transcript AGAP004852-PA
JHU_Ag_1753	TGYIFR	AGAP004852-PA,AGAP004852-PB	-	43	0.000307743	2	756.403	-1.46	Visceras	2L:-:4472529-4472512;2L:-:4472529-4472512	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_5874	KPSGEGQEAASAQTADNKEGQLTK	AGAP004852-PA,AGAP004852-PB	-	174	7.17E-17	1	2445.192	2.83	Malpighian tubule	2L:-:4472780-4472709;2L:-:4472780-4472709	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_7833	MLDNAGFR	AGAP004852-PA,AGAP004852-PB	M1(Oxidation)	50	8.16E-05	1	939.436	0.4	Salivary gland	2L:-:4472553-4472530;2L:-:4472553-4472530	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_7904	LLPVGLENLILIPEETRK	AGAP004852-PA,AGAP004852-PB	-	57	7.41E-07	1	2047.228	5.94	Visceras	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_9483	GVESMGYEKGEK	AGAP004852-PA,AGAP004852-PB	M5(Oxidation)	76	2.72E-07	1	1313.608	2.72	Malpighian tubule	2L:-:4473898-4473863;2L:-:4473898-4473863	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_11425	LNADQELFLVNPYGMLFHEVTASSLNK	AGAP004852-PA,AGAP004852-PB	M15(Oxidation)	74	5.09E-07	1	3066.534	3.04	Salivary gland	2L:-:4473775-4473695;2L:-:4473775-4473695	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_12349	LFREELER	AGAP004852-PA,AGAP004852-PB	-	43	0.000574879	3	1091.583	-1.28	Salivary gland	2L:-:4474057-4474034;2L:-:4474057-4474034	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB

JHU_Ag_14595	WLNSPNVYQK	AGAP004852-PA,AGAP004852-PB	-	36	0.004112107	1	1248.637	0.16	Male reproductive organs	2L:-:4472270-4472241;2L:-:4472270-4472241	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_14609	KPSGEGQEAASAQTADNKEGQLTK	AGAP004852-PA,AGAP004852-PB	-	152	1.09E-14	1	2445.190	2.08	Head	2L:-:4472780-4472709;2L:-:4472780-4472709	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_20432	EGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M14(Oxidation), M16(Oxidation)	83	1.07E-07	2	2137.033	3.04	Visceras	2L:-:4474012-4473953;2L:-:4474012-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_22167	LLPVGLENLILIPEETR	AGAP004852-PA,AGAP004852-PB	-	53	6.87E-06	1	1919.124	1.38	Head	2L:-:4472855-4472805;2L:-:4472855-4472805	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_25200	EGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M14(Oxidation), M16(Oxidation)	76	4.65E-07	2	2137.035	4.19	Head	2L:-:4474012-4473953;2L:-:4474012-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_26025	LFREELER	AGAP004852-PA,AGAP004852-PB	-	53	5.46E-05	1	1091.587	2.32	Malpighian tubule	2L:-:4474057-4474034;2L:-:4474057-4474034	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_26122	RVESIMNSR	AGAP004852-PA,AGAP004852-PB	M6(Oxidation)	53	8.49E-05	1	1091.555	-7.37	Head	2L:-:4474084-4474058;2L:-:4474084-4474058	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_26450	LLPVGLENLILIPEETR	AGAP004852-PA,AGAP004852-PB	-	79	1.77E-08	2	1919.122	0.3	Salivary gland	2L:-:4472855-4472805;2L:-:4472855-4472805	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_26592	LLPVGLENLILIPEETR	AGAP004852-PA,AGAP004852-PB	-	51	9.55E-06	1	1919.123	1.03	Malpighian tubule	2L:-:4472855-4472805;2L:-:4472855-4472805	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_28003	LLPVGLENLILIPEETR	AGAP004852-PA,AGAP004852-PB	-	64	4.90E-07	2	1919.121	-0.01	Male reproductive organs	2L:-:4472855-4472805;2L:-:4472855-4472805	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_28741	VGGSEFEALMR	AGAP004852-PA,AGAP004852-PB	M10(Oxidation)	87	2.60E-08	2	1211.572	-0.52	Male reproductive organs	2L:-:4472586-4472554;2L:-:4472586-4472554	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_29396	RVESIMNSR	AGAP004852-PA,AGAP004852-PB	-	54	5.02E-05	1	1091.566	2.92	Malpighian tubule	2L:-:4474084-4474058;2L:-:4474084-4474058	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_31335	LLPVGLENLILIPEETRK	AGAP004852-PA,AGAP004852-PB	-	93	2.08E-10	1	2047.223	3.5	Head	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_34535	ATETETATIHTNGGLETVSEEEGMKPRPADIEADMREMER	AGAP004852-PA,AGAP004852-PB	N-Term(Acetyl), M24(Oxidation), M35(Oxidation), M38(Oxidation)	96	1.65E-09	1	4522.046	3.7	Malpighian tubule	2L:-:4474210-4474091;2L:-:4474210-4474091	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB

JHU_Ag_37712	VEVLETGTPDPK	AGAP004852-PA,AGAP004852-PB	-	68	1.88E-06	1	1284.670	1.35	Salivary gland	2L:-:4472240-4472205;2L:-:4472240-4472205	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_39682	TGYIFR	AGAP004852-PA,AGAP004852-PB	-	43	0.000341881	2	756.404	-0.01	Salivary gland	2L:-:4472529-4472512;2L:-:4472529-4472512	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_40466	KPSGEGQEAASAQTADNKEGQLTK	AGAP004852-PA,AGAP004852-PB	-	115	4.85E-11	1	2445.186	0.21	Visceras	2L:-:4472780-4472709;2L:-:4472780-4472709	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_42219	IVDGQMR	AGAP004852-PA,AGAP004852-PB	M6(Oxidation)	44	0.000701723	2	834.414	-0.37	Salivary gland	2L:-:4474033-4474013;2L:-:4474033-4474013	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_42407	SSNCVVPINDIR	AGAP004852-PA,AGAP004852-PB	C4(Carbamidomethyl)	66	3.97E-06	1	1373.691	5.08	Malpighian tubule	2L:-:4473934-4473899;2L:-:4473934-4473899	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_42677	HTALLGEIAFHTYAGALNEPEEK	AGAP004852-PA,AGAP004852-PB	-	155	3.70E-15	1	2511.262	4.09	Ovary	2L:-:4473421-4473543,4472709-4472997;2L:-:4473421-4473543,4472709-4472997	exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PB
JHU_Ag_43000	LLPVGLENLILIPEETRK	AGAP004852-PA,AGAP004852-PB	-	41	3.73E-05	1	2047.221	2.54	Malpighian tubule	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_43358	MLDNAGFR	AGAP004852-PA,AGAP004852-PB	M1(Oxidation)	35	0.002526301	2	939.435	-0.89	Head	2L:-:4472553-4472530;2L:-:4472553-4472530	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_44104	LLPVGLENLILIPEETR	AGAP004852-PA,AGAP004852-PB	-	88	2.08E-09	2	1919.121	-0.27	Ovary	2L:-:4472855-4472805;2L:-:4472855-4472805	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_47728	GDVPKPR	AGAP004852-PA,AGAP004852-PB	-	39	0.000619959	1	768.436	-0.38	Salivary gland	2L:-:4472496-4472476;2L:-:4472496-4472476	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_48463	SSNCVVPINDIR	AGAP004852-PA,AGAP004852-PB	C4(Carbamidomethyl)	54	6.73E-05	2	1373.685	0.9	Head	2L:-:4473934-4473899;2L:-:4473934-4473899	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_49011	KPSGEGQEAASAQTADNKEGQLTK	AGAP004852-PA,AGAP004852-PB	-	55	4.59E-05	1	2445.200	6.12	Male reproductive organs	2L:-:4472780-4472709;2L:-:4472780-4472709	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_49916	LFREELER	AGAP004852-PA,AGAP004852-PB	-	40	0.001198957	3	1091.580	-3.8	Head	2L:-:4474057-4474034;2L:-:4474057-4474034	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB

JHU_Ag_51309	KPSGEGQEAASAQTADNK	AGAP004852-PA,AGAP004852-PB	-	62	1.01E-05	2	1788.835	-0.8	Male reproductive organs	2L:-:4472780-4472727;2L:-:4472780-4472727	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_52028	IVDGQMREGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M6(Oxidation), M21(Oxidation), M23(Oxidation),"M6(Oxidation), M23(Oxidation)"	56	3.45E-05	1	2952.438	5.23	Malpighian tubule	2L:-:4474033-4473953;2L:-:4474033-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_52310	HTALLGEIAFHTYAGALNEPEEK	AGAP004852-PA,AGAP004852-PB	-	52	8.12E-05	1	2511.253	0.61	Salivary gland	2L:-:4473421-4473543,4472709-4472997;2L:-:4473421-4473543,4472709-4472997	exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PB
JHU_Ag_53787	VGGSEFEALMRMLDNAGFR	AGAP004852-PA,AGAP004852-PB	M10(Oxidation), M12(Oxidation)	85	4.31E-08	1	2132.004	6.39	Malpighian tubule	2L:-:4472586-4472530;2L:-:4472586-4472530	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_54646	SSNCVVPINDIR	AGAP004852-PA,AGAP004852-PB	C4(Carbamidomethyl)	64	5.85E-06	2	1373.686	1.08	Salivary gland	2L:-:4473934-4473899;2L:-:4473934-4473899	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_54831	NDIEVPPAVSSLGYLIEEEELFK	AGAP004852-PA,AGAP004852-PB	-	66	3.04E-06	1	2591.315	0.76	Malpighian tubule	2L:-:4472475-4472407;2L:-:4472475-4472407	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_58199	VEVLETGTPDPKK	AGAP004852-PA,AGAP004852-PB	-	47	0.000182817	1	1412.766	1.91	Salivary gland	2L:-:4472240-4472202;2L:-:4472240-4472202	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_58323	LNADQELFLVNPYGMLFHEVTASSLNK	AGAP004852-PA,AGAP004852-PB	M15(Oxidation)	57	2.81E-05	1	3066.528	1.31	Ovary	2L:-:4473775-4473695;2L:-:4473775-4473695	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_59440	SSNCVVPINDIR	AGAP004852-PA,AGAP004852-PB	C4(Carbamidomethyl)	55	4.74E-05	2	1373.685	0.72	Ovary	2L:-:4473934-4473899;2L:-:4473934-4473899	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_61404	VEVLETGTPDPK	AGAP004852-PA,AGAP004852-PB	-	106	3.24E-10	1	1284.672	2.68	Visceras	2L:-:4472240-4472205;2L:-:4472240-4472205	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_61647	SSNCVVPINDIR	AGAP004852-PA,AGAP004852-PB	C4(Carbamidomethyl)	59	2.15E-05	2	1373.685	0.37	Visceras	2L:-:4473934-4473899;2L:-:4473934-4473899	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_61685	EGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M14(Oxidation), M16(Oxidation)	76	4.15E-07	2	2137.034	3.62	Malpighian tubule	2L:-:4474012-4473953;2L:-:4474012-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_66509	LFREELER	AGAP004852-PA,AGAP004852-PB	-	40	0.001263053	3	1091.584	-0.19	Visceras	2L:-:4474057-4474034;2L:-:4474057-4474034	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB

JHU_Ag_66805	VGGSEFEALMR	AGAP004852-PA,AGAP004852-PB	M10(Oxidation)	100	1.23E-09	1	1211.577	3.81	Malpighian tubule	2L:-:4472586-4472554;2L:-:4472586-4472554	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_68326	EGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M14(Oxidation), M16(Oxidation),"Q8(Deamidated), M14(Oxidation), M16(Oxidation)"	78	2.61E-07	1	2105.044	3.48	Salivary gland	2L:-:4474012-4473953;2L:-:4474012-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_74424	TGYIFR	AGAP004852-PA,AGAP004852-PB	-	37	0.001045173	2	756.403	-0.81	Malpighian tubule	2L:-:4472529-4472512;2L:-:4472529-4472512	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_74985	VEVLETGTPDPK	AGAP004852-PA,AGAP004852-PB	-	101	7.66E-10	2	1284.670	1.16	Head	2L:-:4472240-4472205;2L:-:4472240-4472205	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_76088	HTALLGEIAFHTYAGALNEPEEKDK	AGAP004852-PA,AGAP004852-PB	-	143	7.00E-14	1	2754.376	0.88	Ovary	2L:-:4473421-4473543,4472709-4472991;2L:-:4473421-4473543,4472709-4472991	exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PB
JHU_Ag_76529	ATETETATIHTNGGLETVSEEEGMKPRPADIEADMREMER	AGAP004852-PA,AGAP004852-PB	N-Term(Acetyl), N12(Deamidated), M24(Oxidation), M35(Oxidation), M38(Oxidation)	106	1.65E-10	1	4523.029	3.47	Malpighian tubule	2L:-:4474210-4474091;2L:-:4474210-4474091	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_76823	LLPVGLENLILIPEETRK	AGAP004852-PA,AGAP004852-PB	-	41	4.42E-05	1	2047.218	0.67	Midgut	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_77459	VESIMNSR	AGAP004852-PA,AGAP004852-PB	M5(Oxidation)	42	0.000682631	2	951.457	0.08	Malpighian tubule	2L:-:4474081-4474058;2L:-:4474081-4474058	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_77868	VEVLETGTPDPKK	AGAP004852-PA,AGAP004852-PB	-	88	1.42E-08	1	1412.766	2	Male reproductive organs	2L:-:4472240-4472202;2L:-:4472240-4472202	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_81343	TGYIFRNPLIK	AGAP004852-PA,AGAP004852-PB	-	50	3.07E-05	1	1321.768	3.67	Malpighian tubule	2L:-:4472529-4472497;2L:-:4472529-4472497	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_82012	LNADQELFLVNPYGMLFHEVTASSLNK	AGAP004852-PA,AGAP004852-PB	M15(Oxidation)	82	8.44E-08	1	3066.539	4.71	Larva	2L:-:4473775-4473695;2L:-:4473775-4473695	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_83566	TGYIFR	AGAP004852-PA,AGAP004852-PB	-	42	0.000351018	2	756.404	-0.17	Male reproductive organs	2L:-:4472529-4472512;2L:-:4472529-4472512	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_88551	VEVLETGTPDPKK	AGAP004852-PA,AGAP004852-PB	-	74	3.44E-07	1	1412.761	-1.45	Head	2L:-:4472240-4472202;2L:-:4472240-4472202	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB

JHU_Ag_89169	EGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M14(Oxidation), M16(Oxidation)	73	9.86E-07	1	2137.030	1.44	Ovary	2L:-:4474012-4473953;2L:-:4474012-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_89588	TGYIFR	AGAP004852-PA,AGAP004852-PB	-	43	0.000296612	2	756.404	-0.41	Head	2L:-:4472529-4472512;2L:-:4472529-4472512	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_89937	TGYIFRNPLIK	AGAP004852-PA,AGAP004852-PB	-	36	0.000939871	2	1321.765	1.39	Male reproductive organs	2L:-:4472529-4472497;2L:-:4472529-4472497	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_91247	VEVLETGTPDPKK	AGAP004852-PA,AGAP004852-PB	-	45	0.000284763	2	1412.762	-1.11	Ovary	2L:-:4472240-4472202;2L:-:4472240-4472202	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_92286	VEVLETGTPDPKK	AGAP004852-PA,AGAP004852-PB	-	85	3.02E-08	1	1412.769	3.9	Malpighian tubule	2L:-:4472240-4472202;2L:-:4472240-4472202	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_92713	LLPVGLENLILIPEETRK	AGAP004852-PA,AGAP004852-PB	-	87	9.47E-10	1	2047.224	3.8	Ovary	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_94430	VEVLETGTPDPK	AGAP004852-PA,AGAP004852-PB	-	74	4.63E-07	1	1284.668	-0.37	Male reproductive organs	2L:-:4472240-4472205;2L:-:4472240-4472205	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_97066	VGGSEFEALMR	AGAP004852-PA,AGAP004852-PB	M10(Oxidation)	55	4.41E-05	2	1211.572	-0.12	Salivary gland	2L:-:4472586-4472554;2L:-:4472586-4472554	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_99977	LLPVGLENLILIPEETRK	AGAP004852-PA,AGAP004852-PB	-	46	1.06E-05	1	2047.221	2.54	Salivary gland	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_100479	VGGSEFEALMR	AGAP004852-PA,AGAP004852-PB	M10(Oxidation)	90	1.39E-08	2	1211.573	-0.02	Ovary	2L:-:4472586-4472554;2L:-:4472586-4472554	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_100757	MLDNAGFR	AGAP004852-PA,AGAP004852-PB	M1(Oxidation)	52	9.13E-05	2	923.439	-1.92	Malpighian tubule	2L:-:4472553-4472530;2L:-:4472553-4472530	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_101461	NDIEVPPAVSSLGYLIEEEELFK	AGAP004852-PA,AGAP004852-PB	-	171	9.18E-17	1	2591.323	4.04	Ovary	2L:-:4472475-4472407;2L:-:4472475-4472407	exon=> In CDS Exon 4 of transcript AGAP004852-PA;exon=> In CDS Exon 4 of transcript AGAP004852-PB
JHU_Ag_101969	KPSGEGQEAASAQTADNK	AGAP004852-PA,AGAP004852-PB	-	124	6.66E-12	1	1788.846	5.61	Salivary gland	2L:-:4472780-4472727;2L:-:4472780-4472727	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_104957	KPSGEGQEAASAQTADNK	AGAP004852-PA,AGAP004852-PB	-	137	2.82E-13	1	1788.829	-3.94	Head	2L:-:4472780-4472727;2L:-:4472780-4472727	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB

JHU_Ag_105255	LLPVGLENLILIPEETR	AGAP004852-PA,AGAP004852-PB	-	28	0.001861844	1	1919.123	1.13	Midgut	2L:-:4472855-4472805;2L:-:4472855-4472805	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_106397	EGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M14(Oxidation), M16(Oxidation)	98	2.66E-09	1	2137.029	1.22	Midgut	2L:-:4474012-4473953;2L:-:4474012-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_109832	HTALLGEIAFHTYAGALNEPEEK	AGAP004852-PA,AGAP004852-PB	-	154	4.91E-15	1	2511.256	1.62	Head	2L:-:4473421-4473543,4472709-4472997;2L:-:4473421-4473543,4472709-4472997	exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP004852-PB
JHU_Ag_110435	VEVLETGTPDPK	AGAP004852-PA,AGAP004852-PB	-	85	4.11E-08	1	1284.672	3.15	Malpighian tubule	2L:-:4472240-4472205;2L:-:4472240-4472205	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_110554	EGSSTILQQLSDIMGMPAAR	AGAP004852-PA,AGAP004852-PB	M14(Oxidation), M16(Oxidation)	79	2.08E-07	1	2137.037	4.76	Male reproductive organs	2L:-:4474012-4473953;2L:-:4474012-4473953	exon=> In CDS Exon 1 of transcript AGAP004852-PA;exon=> In CDS Exon 1 of transcript AGAP004852-PB
JHU_Ag_112959	WLNSPNVYQK	AGAP004852-PA,AGAP004852-PB	-	46	0.000470194	1	1248.638	0.35	Ovary	2L:-:4472270-4472241;2L:-:4472270-4472241	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_114499	LLPVGLENLILIPEETRK	AGAP004852-PA,AGAP004852-PB	-	68	8.47E-08	1	2047.219	1.36	Male reproductive organs	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PA;exon=> In CDS Exon 3 of transcript AGAP004852-PB
JHU_Ag_114936	VEVLETGTPDPK	AGAP004852-PA,AGAP004852-PB	-	69	1.25E-06	2	1284.670	1.16	Ovary	2L:-:4472240-4472205;2L:-:4472240-4472205	exon=> In CDS Exon 5 of transcript AGAP004852-PA;exon=> In CDS Exon 5 of transcript AGAP004852-PB
JHU_Ag_57288	LLPVGLENLILIPEETRK	AGAP004852-PB,AGAP004852-PA	-	17	0.008473445	1	2047.229	6.3	Midgut	2L:-:4472855-4472802;2L:-:4472855-4472802	exon=> In CDS Exon 3 of transcript AGAP004852-PB;exon=> In CDS Exon 3 of transcript AGAP004852-PA
JHU_Ag_7130	MAQEVEFSDSVKPICLPVNEDVR	AGAP004855-PA	M1(Oxidation), C15(Carbamidomethyl)	124	7.80E-12	1	2678.290	3.83	Larva	2L:+:4493418-4493442,4493527-4493570	exon=> In CDS Exon 3 and 4 of transcript AGAP004855-PA
JHU_Ag_35940	GIQNYINR	AGAP004855-PA	-	58	2.57E-05	2	977.520	3.32	Larva	2L:+:4492673-4492696	exon=> In CDS Exon 2 of transcript AGAP004855-PA
JHU_Ag_40648	GIQNYINR	AGAP004855-PA	-	39	0.001911005	2	977.516	-0.3	Pupa	2L:+:4492673-4492696	exon=> In CDS Exon 2 of transcript AGAP004855-PA
JHU_Ag_40689	FRHDIALLR	AGAP004855-PA	-	52	2.49E-05	1	1140.667	3.33	Larva	2L:+:4493391-4493417	exon=> In CDS Exon 3 of transcript AGAP004855-PA
JHU_Ag_60852	NIYSIIISPTPPSR	AGAP004855-PA	-	67	1.37E-06	1	1557.871	4.7	Larva	2L:+:4492631-4492672	exon=> In CDS Exon 2 of transcript AGAP004855-PA
JHU_Ag_65543	NIYSIIISPTPPSR	AGAP004855-PA	-	42	0.000421049	2	1557.868	3.14	Pupa	2L:+:4492631-4492672	exon=> In CDS Exon 2 of transcript AGAP004855-PA
JHU_Ag_72864	RQQIDCHVYSDGEK	AGAP004855-PA	C6(Carbamidomethyl)	76	3.24E-07	1	1734.779	-4.25	Head	2L:+:4493274-4493315	exon=> In CDS Exon 3 of transcript AGAP004855-PA
JHU_Ag_74707	TNAGPVMVTGVEPDAGATLNWNLLPTR	AGAP004855-PA	M7(Oxidation)	40	0.000975969	2	2810.427	4.36	Larva	2L:+:4492838-4492918	exon=> In CDS Exon 2 of transcript AGAP004855-PA

JHU_Ag_76795	FVQFGIVSAGVR	AGAP004855-PA	-	73	3.09E-07	2	1279.718	1.48	Pupa	2L:+:4493826-4493861	exon=> In CDS Exon 4 of transcript AGAP004855-PA
JHU_Ag_81518	TPTMSDGFCVSIER	AGAP004855-PA	M4(Oxidation), C9(Carbamidomethyl)	79	1.03E-07	1	1615.717	4.69	Larva	2L:+:4492583-4492624	exon=> In CDS Exon 2 of transcript AGAP004855-PA
JHU_Ag_96019	YVLTAAHCVR	AGAP004855-PA	C8(Carbamidomethyl)	69	2.56E-06	1	1189.615	0.3	Pupa	2L:+:4493060-4493089	exon=> In CDS Exon 2 of transcript AGAP004855-PA
JHU_Ag_108430	VFEYPWMVLLR	AGAP004855-PA	M7(Oxidation)	53	6.31E-05	1	1468.775	6.16	Larva	2L:+:4492970-4493002	exon=> In CDS Exon 2 of transcript AGAP004855-PA
JHU_Ag_1166	DGNEYLFTQER	AGAP004860-PA	-	46	0.000167941	2	1371.620	1.62	Malpighian tubule	2L:-:4508240-4508208	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_2240	YYLQQNK	AGAP004860-PA	-	40	0.000766703	1	956.484	-0.03	Midgut	2L:-:4508503-4508725,4507243-4508391	exon=> In CDS Exon 4 and 3 of transcript AGAP004860-PA
JHU_Ag_4975	INKDHTGFEPATR	AGAP004860-PA	-	94	5.64E-09	1	1485.744	-0.56	Midgut	2L:-:4507964-4507926	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_7230	MMNYALGER	AGAP004860-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	60	6.07E-06	2	1100.485	-1.67	Midgut	2L:-:4508551-4508525	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_7847	LIFEIAR	AGAP004860-PA	-	35	0.000985875	2	861.521	2.51	Midgut	2L:-:4507122-4507102	exon=> In CDS Exon 5 of transcript AGAP004860-PA
JHU_Ag_11351	IDNVAIKDEDYAAGAMENWGLVTYK	AGAP004860-PA	M16(Oxidation)	158	2.09E-15	1	2802.327	-0.79	Midgut	2L:-:4509049-4508975	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_12114	EDAVLPISLSIHEIFGSWSHQPGVPLVK	AGAP004860-PA	-	138	8.50E-14	1	3055.613	-3.97	Midgut	2L:-:4508333-4508250	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_14397	TSFPCYDEPGIK	AGAP004860-PA	C5(Carbamidomethyl)	56	2.45E-05	1	1413.640	3.37	Malpighian tubule	2L:-:4509403-4509368	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_16390	ESAISYGPEDGEQR	AGAP004860-PA	-	50	9.58E-05	1	1537.679	1.74	Ovary	2L:-:4508974-4508933	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_21098	TIAIDLACSGSQSCNDDAQSAVR	AGAP004860-PA	C8(Carbamidomethyl), C14(Carbamidomethyl)	104	3.64E-10	2	2439.085	-1.16	Midgut	2L:-:4507649-4507581	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_22085	LYQYYLGAISHPELQLR	AGAP004860-PA	-	131	8.98E-13	1	2064.091	0.01	Midgut	2L:-:4508821-4509443,4508487-4508702	exon=> In CDS Exon 3 and 2 of transcript AGAP004860-PA
JHU_Ag_22975	LSTFATTPR	AGAP004860-PA	-	89	1.85E-08	2	993.536	-0.48	Midgut	2L:-:4509271-4509245	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_24204	MQTYLVAWLVSDFKYER	AGAP004860-PA	M1(Oxidation)	86	4.45E-08	1	2165.074	0.33	Midgut	2L:-:4509244-4509194	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_24745	AFDSYR	AGAP004860-PA	-	36	0.001466086	2	758.347	-0.18	Midgut	2L:-:4509911-4509894	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_24752	GVVEESNLFDSLEQAAKEDAVLPISLSIHEIFGSWSHQPGVPLVK	AGAP004860-PA	-	134	1.09E-13	1	4872.514	0.85	Midgut	2L:-:4508384-4508250	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_25220	LIDDTLNIAQSR	AGAP004860-PA	-	85	4.08E-08	2	1358.734	4.75	Malpighian tubule	2L:-:4507919-4507884	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_26511	LFDSIAYDK	AGAP004860-PA	-	67	2.14E-06	1	1071.536	0.07	Midgut	2L:-:4508596-4508570	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_28008	SACVLR	AGAP004860-PA	C3(Carbamidomethyl)	41	0.001280602	2	705.371	-0.42	Midgut	2L:-:4508569-4508552	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_28728	GVVEESNLFDSLEQAAK	AGAP004860-PA	N7(Deamidated)	140	1.50E-13	1	1835.903	0.41	Midgut	2L:-:4508384-4508334	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_29255	TGESASVGELR	AGAP004860-PA	-	101	1.41E-09	2	1105.547	-1.38	Midgut	2L:-:4507682-4507650	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_29887	LDTDIHREIFDYTGNVQIR	AGAP004860-PA	-	126	3.35E-12	1	2305.162	1.98	Midgut	2L:-:4509854-4509798	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_30112	EVLTDPQLAIASWSKPSSVHLLSYSVDASK	AGAP004860-PA	-	111	6.62E-11	1	3228.679	-0.08	Midgut	2L:-:4509193-4509104	exon=> In CDS Exon 2 of transcript AGAP004860-PA

JHU_Ag_31024	SEITHVQLR	AGAP004860-PA	-	67	1.83E-06	1	1082.595	-0.39	Midgut	2L:-:4509749-4509723	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_31637	SSYDDENGVRR	AGAP004860-PA	N7(Deamidated)	51	4.51E-05	1	1298.559	-1.57	Midgut	2L:-:4509554-4510013,4508795-4509443	exon=> In CDS Exon 2 and 1 of transcript AGAP004860-PA
JHU_Ag_32263	ESAISYGPEDGEQR	AGAP004860-PA	-	71	7.00E-07	1	1537.675	-1.31	Midgut	2L:-:4508974-4508933	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_33644	QFLLQSLSCLGGDMTK	AGAP004860-PA	C9(Carbamidomethyl), M14(Oxidation)	101	1.04E-09	2	1813.881	-0.6	Midgut	2L:-:4507430-4507383	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_34906	LIDDTLNIAQSR	AGAP004860-PA	-	103	5.76E-10	1	1358.727	-0.1	Midgut	2L:-:4507919-4507884	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_37564	RDGNEYLFTQER	AGAP004860-PA	-	61	1.05E-05	1	1527.717	-0.82	Midgut	2L:-:4508243-4508208	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_38832	DGNEYLFTQER	AGAP004860-PA	N3(Deamidated)	78	1.20E-07	2	1371.617	-0.25	Midgut	2L:-:4508240-4508208	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_42043	VEYEESMLR	AGAP004860-PA	M7(Oxidation)	69	1.43E-06	2	1155.535	-0.44	Midgut	2L:-:4508006-4507980	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_42723	FVTGPFQTALR	AGAP004860-PA	-	39	0.001072585	1	1236.674	0.13	Ovary	2L:-:4508695-4508663	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_46067	EVLTDPQLAIASWSKPSSVHLLSYSVDASKR	AGAP004860-PA	-	76	1.21E-07	1	3384.783	0.78	Midgut	2L:-:4509193-4509101	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_46146	FVTGPFQTALR	AGAP004860-PA	-	34	0.003473872	2	1236.677	2.99	Visceras	2L:-:4508695-4508663	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_47168	EIFDYTGNVQIR	AGAP004860-PA	-	61	1.10E-05	2	1454.733	3.94	Midgut	2L:-:4509833-4509798	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_49213	NGVGLSVPVK	AGAP004860-PA	N1(Deamidated)	61	3.26E-06	2	969.573	-0.01	Midgut	2L:-:4509722-4509693	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_49327	WWSYLWLNEGFAR	AGAP004860-PA	-	74	5.55E-07	2	1727.830	-1.85	Midgut	2L:-:4508860-4508822	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_50310	YLGLTQFESVDAR	AGAP004860-PA	-	62	9.03E-06	1	1498.756	1.23	Ovary	2L:-:4509442-4509404	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_52948	IASPLLER	AGAP004860-PA	-	50	4.15E-05	2	898.535	-0.75	Midgut	2L:-:4507724-4507701	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_56367	GIQLLEGGK	AGAP004860-PA	-	61	1.12E-05	2	914.530	-0.32	Midgut	2L:-:4509301-4509275	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_60955	GIQLLEGGKK	AGAP004860-PA	-	55	2.14E-05	1	1042.625	-0.09	Midgut	2L:-:4509301-4509272	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_65952	KALQAQFSQVLSDK	AGAP004860-PA	-	92	5.74E-09	2	1562.855	0.66	Midgut	2L:-:4507496-4507455	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_67835	TSFPCYDEPGIK	AGAP004860-PA	C5(Carbamidomethyl)	45	0.000337313	2	1413.642	4.58	Midgut	2L:-:4509403-4509368	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_75526	TTYDILIVCGIDYHAR	AGAP004860-PA	C9(Carbamidomethyl)	119	2.22E-11	1	1909.948	0.3	Midgut	2L:-:4509367-4509320	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_77756	DHTGFEPATR	AGAP004860-PA	-	31	0.006343552	1	1130.522	-0.8	Midgut	2L:-:4507955-4507926	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_80111	SSYDDENGVR	AGAP004860-PA	-	52	2.52E-05	2	1141.475	-0.56	Midgut	2L:-:4509554-4509525	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_80996	NDQAGFYR	AGAP004860-PA	-	42	0.000352693	2	970.437	-0.27	Midgut	2L:-:4509578-4509555	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_84409	FVTGPFQTALR	AGAP004860-PA	-	75	3.28E-07	1	1236.673	-0.26	Midgut	2L:-:4508695-4508663	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_85206	ERGVVEESNLFDSLEQAAK	AGAP004860-PA	-	105	5.41E-10	1	2121.057	5.06	Midgut	2L:-:4508390-4508334	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_86214	ETDYVPWAVAYENLR	AGAP004860-PA	-	88	2.65E-08	1	1825.877	0.7	Midgut	2L:-:4507835-4507791	exon=> In CDS Exon 4 of transcript AGAP004860-PA

JHU_Ag_86437	KLSTFATTPR	AGAP004860-PA	-	62	5.18E-06	2	1121.631	-0.53	Midgut	2L:-:4509274-4509245	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_87521	LDTDIHR	AGAP004860-PA	-	44	0.000302757	2	869.448	0.31	Midgut	2L:-:4509854-4509834	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_88178	YLLALSESDR	AGAP004860-PA	-	52	7.78E-05	1	1166.605	-0.48	Midgut	2L:-:4507364-4507335	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_91276	MQTYLVAWLVSDFK	AGAP004860-PA	M1(Oxidation)	129	2.28E-12	2	1716.864	-1.35	Midgut	2L:-:4509244-4509203	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_94674	YLGLTQFESVDAR	AGAP004860-PA	-	101	1.01E-09	2	1498.750	-2.59	Midgut	2L:-:4509442-4509404	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_94955	DEDYAAGAMENWGLVTYK	AGAP004860-PA	M9(Oxidation)	93	3.21E-09	1	2048.889	-0.96	Midgut	2L:-:4509028-4508975	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_97317	HYTMEDNALLCHGLQQSNAEQR	AGAP004860-PA	M4(Oxidation), C11(Carbamidomethyl)	44	0.000351144	1	2631.165	-0.92	Midgut	2L:-:4507562-4507497	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_100810	INVLEATDQIVLHSSR	AGAP004860-PA	-	57	1.42E-05	2	1794.977	3.45	Ovary	2L:-:4509797-4509750	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_101304	AMEEYFDQLYSMSK	AGAP004860-PA	M2(Oxidation),M12(Oxidation),"M2(Oxidation), M12(Oxidation)"	120	3.58E-12	1	1757.742	1.13	Midgut	2L:-:4509091-4509050	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_103725	INVLEATDQIVLHSSR	AGAP004860-PA	Q9(Deamidated)	131	6.34E-13	1	1794.965	-3.15	Midgut	2L:-:4509797-4509750	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_105160	ALQAQFSQVLSDK	AGAP004860-PA	-	108	2.20E-10	1	1434.759	0.21	Midgut	2L:-:4507493-4507455	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_105236	EVLTDPQLAIASWSKPSSVHLLSYSVDASK	AGAP004860-PA	-	38	0.000728736	1	3228.715	11.2	Malpighian tubule	2L:-:4509193-4509104	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_106042	INVLEATDQIVLHSSR	AGAP004860-PA	-	129	8.89E-13	1	1794.978	3.79	Malpighian tubule	2L:-:4509797-4509750	exon=> In CDS Exon 1 of transcript AGAP004860-PA
JHU_Ag_108450	ADNSLTVRPMTYYTETRPSISR	AGAP004860-PA	N3(Deamidated), M10(Oxidation),M10(Oxidation),N3(Deamidated)	117	2.57E-11	1	2558.267	-0.04	Midgut	2L:-:4508662-4508597	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_110585	GGNYDVVLQLLNYLQR	AGAP004860-PA	Q9(Deamidated),N3(Deamidated)	122	7.21E-12	1	1864.993	0.97	Midgut	2L:-:4507883-4507836	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_111303	QVGVVTIVGHEFTHQFFGNLLAPK	AGAP004860-PA	-	172	3.67E-17	1	2638.413	-0.29	Midgut	2L:-:4508932-4508861	exon=> In CDS Exon 2 of transcript AGAP004860-PA
JHU_Ag_111968	ALQAQFSQVLSDKNLDNPSAK	AGAP004860-PA	-	119	1.99E-11	2	2274.169	-1.56	Midgut	2L:-:4507493-4507431	exon=> In CDS Exon 4 of transcript AGAP004860-PA
JHU_Ag_113750	LYQYYLGAISHPELQLR	AGAP004860-PA	-	87	2.09E-08	1	2064.095	1.96	Malpighian tubule	2L:-:4508821-4509443,4508487-4508702	exon=> In CDS Exon 3 and 2 of transcript AGAP004860-PA
JHU_Ag_116417	RYLGLTQFESVDAR	AGAP004860-PA	-	40	0.001366607	1	1654.857	1.12	Midgut	2L:-:4509524-4510013,4508795-4509404	exon=> In CDS Exon 2 and 1 of transcript AGAP004860-PA
JHU_Ag_117139	ERFVTGPFQTALR	AGAP004860-PA	-	30	0.008725 45	1	1521.820	1.68	Midgut	2L:-:4508701-4508663	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_117393	FVTGPFQTALR	AGAP004860-PA	-	34	0.003546467	2	1236.679	4.38	Larva	2L:-:4508695-4508663	exon=> In CDS Exon 3 of transcript AGAP004860-PA
JHU_Ag_7443	NCPFSPTDSNSYFK	AGAP004861-PA	C2(Carbamidomethyl)	47	0.000114764	2	1663.706	-0.01	Head	2L:-:4512743-4512702	exon=> In CDS Exon 4 of transcript AGAP004861-PA
JHU_Ag_18006	IIPTACCVQTSLFQPQDK	AGAP004861-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	42	0.000946473	2	2106.041	2.45	Salivary gland	2L:-:4512797-4512744	exon=> In CDS Exon 4 of transcript AGAP004861-PA
JHU_Ag_29270	NCPFSPTDSNSYFK	AGAP004861-PA	C2(Carbamidomethyl)	76	1.39E-07	1	1663.710	2.78	Salivary gland	2L:-:4512743-4512702	exon=> In CDS Exon 4 of transcript AGAP004861-PA
JHU_Ag_47015	TSFIALLK	AGAP004861-PA	-	36	0.000292 68	1	892.552	1.92	Malpighian tubule	2L:-:4516002-4515979	exon=> In CDS Exon 2 of transcript AGAP004861-PA

JHU_Ag_55192	IIPTACCVQTSLFQPQDK	AGAP004861-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	60	1.57E-05	1	2106.032	-1.84	Head	2L:-:4512797-4512744	exon=> In CDS Exon 4 of transcript AGAP004861-PA
JHU_Ag_79042	DKIIPTACCVQTSLFQPQDK	AGAP004861-PA	C8(Carbamidomethyl), C9(Carbamidomethyl)	66	3.86E-06	1	2349.160	0.85	Salivary gland	2L:-:4512803-4512744	exon=> In CDS Exon 4 of transcript AGAP004861-PA
JHU_Ag_75649	RNPIQSSNNSK	AGAP004864-PA	-	51	0.000109 11	2	1244.632	-1.89	Head	2L:-:4589024-4588992	exon=> In CDS Exon 2 of transcript AGAP004864-PA
JHU_Ag_108309	EEESEDCILDYKPGDEIAPEIDNK	AGAP004864-PA	C7(Carbamidomethyl)	99	9.31E-10	1	2808.244	1.06	Head	2L:-:4587275-4587204	exon=> In CDS Exon 4 of transcript AGAP004864-PA
JHU_Ag_57687	GPGAVYDLLHFVQQFYKPPDR	AGAP004865-PA	-	89	1.81E-08	1	2447.257	2.45	Ovary	2L:-:4599658-4599596	exon=> In CDS Exon 4 of transcript AGAP004865-PA
JHU_Ag_65038	SDYALTPEHHR	AGAP004865-PA	-	42	0.000833 397	1	1325.630	4.71	Head	2L:-:4600359-4600630,4599973-4600097	exon=> In CDS Exon 3 and 2 of transcript AGAP004865-PA
JHU_Ag_10732	AALLSEILTLVYDIKPTVHK	AGAP004867-PA	-	131	6.52E-14	1	2224.299	1.58	Head	2L:+:4677636-4677695	exon=> In CDS Exon 3 of transcript AGAP004867-PA
JHU_Ag_11326	ASQTQGIQQLLAAEK	AGAP004867-PA	N-Term(Acetyl)	89	1.55E-08	1	1627.867	0.89	Salivary gland	2L:+:4677049-4677093	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_15071	ASQTQGIQQLLAAEK	AGAP004867-PA	N-Term(Acetyl)	120	1.03E-11	1	1627.865	0.14	Ovary	2L:+:4677049-4677093	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_15288	AALLSEILTLVYDIKPTVHK	AGAP004867-PA	-	79	1.08E-08	1	2224.300	2.23	Visceras	2L:+:4677636-4677695	exon=> In CDS Exon 3 of transcript AGAP004867-PA
JHU_Ag_17285	ASQTQGIQQLLAAEKR	AGAP004867-PA	N-Term(Acetyl)	93	4.15E-09	1	1783.965	-0.71	Head	2L:+:4677049-4677096	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_19874	AALLSEILTLVYDIKPTVHK	AGAP004867-PA	-	120	8.96E-13	1	2224.296	0.48	Ovary	2L:+:4677636-4677695	exon=> In CDS Exon 3 of transcript AGAP004867-PA
JHU_Ag_38497	ASQTQGIQQLLAAEK	AGAP004867-PA	N-Term(Acetyl)	119	1.27E-11	1	1627.873	4.87	Visceras	2L:+:4677049-4677093	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_55818	AALLSEILTLVYDIKPTVHK	AGAP004867-PA	-	116	1.81E-12	1	2224.307	5.2	Malpighian tubule	2L:+:4677636-4677695	exon=> In CDS Exon 3 of transcript AGAP004867-PA
JHU_Ag_61112	ASQTQGIQQLLAAEKR	AGAP004867-PA	N-Term(Acetyl)	152	5.21E-15	1	1783.968	0.93	Visceras	2L:+:4677049-4677096	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_61305	ASQTQGIQQLLAAEKR	AGAP004867-PA	N-Term(Acetyl)	145	2.20E-14	1	1783.971	2.98	Malpighian tubule	2L:+:4677049-4677096	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_79549	IDADTANKIVEMNR	AGAP004867-PA	M12(Oxidation)	121	1.31E-11	1	1589.801	3.88	Malpighian tubule	2L:+:4677576-4677617	exon=> In CDS Exon 3 of transcript AGAP004867-PA
JHU_Ag_82931	ASQTQGIQQLLAAEKR	AGAP004867-PA	N-Term(Acetyl)	110	7.91E-11	2	1783.970	2.02	Midgut	2L:+:4677049-4677096	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_94733	ASQTQGIQQLLAAEK	AGAP004867-PA	N-Term(Acetyl)	136	2.71E-13	1	1627.866	0.82	Head	2L:+:4677049-4677093	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_104978	NFQYTK	AGAP004867-PA	-	37	0.001202 025	1	800.392	-1.99	Head	2L:+:4677696-4677713	exon=> In CDS Exon 3 of transcript AGAP004867-PA
JHU_Ag_105345	EEAQEEIER	AGAP004867-PA	-	50	7.22E-05	2	1132.510	-1.8	Head	2L:+:4677396-4677422	exon=> In CDS Exon 2 of transcript AGAP004867-PA
JHU_Ag_109635	ASQTQGIQQLLAAEK	AGAP004867-PA	N-Term(Acetyl)	86	2.63E-08	1	1627.874	5.32	Malpighian tubule	2L:+:4677049-4677093	exon=> In CDS Exon 1 of transcript AGAP004867-PA
JHU_Ag_115209	IDADTANKIVEMNR	AGAP004867-PA	-	56	3.94E-05	1	1589.796	0.58	Head	2L:+:4677576-4677617	exon=> In CDS Exon 3 of transcript AGAP004867-PA
JHU_Ag_116080	EEAQEEIER	AGAP004867-PA	-	45	0.000222 998	2	1132.514	2.29	Ovary	2L:+:4677396-4677422	exon=> In CDS Exon 2 of transcript AGAP004867-PA
JHU_Ag_117035	EEAQEEIER	AGAP004867-PA	-	32	0.004197 443	2	1132.512	0.57	Visceras	2L:+:4677396-4677422	exon=> In CDS Exon 2 of transcript AGAP004867-PA
JHU_Ag_52	TTSVIGGIAGK	AGAP004868-PA	-	42	0.000444 181	1	1003.577	-1.56	Head	2L:-:4680845-4680813	exon=> In CDS Exon 5 of transcript AGAP004868-PA
JHU_Ag_85	LSDASPVGSISSAEIANEFSGLSAEEQTA QREEWSQELAR	AGAP004868-PA	-	107	1.87E-10	1	4280.029	1.41	Salivary gland	2L:-:4682241-4682255,4681898-4682047	exon=> In CDS Exon 3 and 2 of transcript AGAP004868-PA

JHU_Ag_1041	EEWSQELAR	AGAP004868-PA	-	52	8.36E-05	1	1147.540	1.56	Head	2L:-:4682148-4682255,4681898-4682047	exon=> In CDS Exon 3 and 2 of transcript AGAP004868-PA
JHU_Ag_3151	SSVTTPTAIPEEKPIP	AGAP004868-PA	-	40	0.001004624	1	1666.891	0.77	Salivary gland	2L:-:4680561-4680514	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_3713	ESNVYQSVETK	AGAP004868-PA	-	66	3.09E-06	2	1283.611	-0.13	Ovary	2L:-:4681908-4682058,4681536-4681574	exon=> In CDS Exon 4 and 3 of transcript AGAP004868-PA
JHU_Ag_4011	SSSVQSLSDIQNDER	AGAP004868-PA	-	120	1.23E-11	2	1664.774	1.18	Head	2L:-:4680609-4680565	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_8303	VGEITTVVTSAPIYQK	AGAP004868-PA	-	96	1.41E-09	2	1705.938	0.38	Head	2L:-:4681573-4681595,4680726-4680879	exon=> In CDS Exon 5 and 4 of transcript AGAP004868-PA
JHU_Ag_9459	SSVTTPTAIPEEKPIP	AGAP004868-PA	-	69	1.19E-06	1	1666.892	1.14	Ovary	2L:-:4680561-4680514	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_9772	VGEITTVVTSAPIYQK	AGAP004868-PA	-	112	3.55E-11	1	1705.938	0.31	Ovary	2L:-:4681573-4681595,4680726-4680879	exon=> In CDS Exon 5 and 4 of transcript AGAP004868-PA
JHU_Ag_10235	ESNVYQSVETK	AGAP004868-PA	-	64	5.42E-06	2	1283.612	0.15	Head	2L:-:4681908-4682058,4681536-4681574	exon=> In CDS Exon 4 and 3 of transcript AGAP004868-PA
JHU_Ag_12228	LSDASPVGSISSAEIANEFSGLSAEEQTAQREEWSQELAR	AGAP004868-PA	-	75	2.98E-07	3	4280.035	2.78	Head	2L:-:4682241-4682255,4681898-4682047	exon=> In CDS Exon 3 and 2 of transcript AGAP004868-PA
JHU_Ag_14711	SSVTTPTAIPEEKPIP	AGAP004868-PA	-	71	8.76E-07	1	1666.890	0.33	Head	2L:-:4680561-4680514	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_16730	SSSVQSLSDIQNDERR	AGAP004868-PA	-	48	0.000262205	1	1820.876	1.65	Malpighian tubule	2L:-:4680609-4680562	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_19025	TTSVIGGIAGK	AGAP004868-PA	-	59	7.25E-06	2	1003.578	-0.48	Ovary	2L:-:4680845-4680813	exon=> In CDS Exon 5 of transcript AGAP004868-PA
JHU_Ag_21770	VEEEITTLR	AGAP004868-PA	-	68	2.82E-06	2	1089.580	0.88	Malpighian tubule	2L:-:4682046-4682020	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_22193	SSSVQSLSDIQNDERR	AGAP004868-PA	-	60	1.65E-05	1	1820.876	1.65	Head	2L:-:4680609-4680562	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_22356	SFEERVGSAYENVR	AGAP004868-PA	-	64	5.34E-06	1	1642.784	0.96	Malpighian tubule	2L:-:4680767-4680726	exon=> In CDS Exon 5 of transcript AGAP004868-PA
JHU_Ag_27804	SSSVQSLSDIQNDER	AGAP004868-PA	-	85	4.10E-08	2	1664.772	0	Salivary gland	2L:-:4680609-4680565	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_32847	LSDASPVGSISSAEIANEFSGLSAEEQTAQR	AGAP004868-PA	-	202	7.56E-20	1	3151.507	1.34	Ovary	2L:-:4682241-4682149	exon=> In CDS Exon 2 of transcript AGAP004868-PA
JHU_Ag_34656	ESNVYQSVETK	AGAP004868-PA	-	54	5.65E-05	2	1283.613	0.92	Salivary gland	2L:-:4681908-4682058,4681536-4681574	exon=> In CDS Exon 4 and 3 of transcript AGAP004868-PA
JHU_Ag_46787	VGEITTVVTSAPIYQK	AGAP004868-PA	-	61	4.40E-06	2	1705.942	2.67	Pupa	2L:-:4681573-4681595,4680726-4680879	exon=> In CDS Exon 5 and 4 of transcript AGAP004868-PA
JHU_Ag_56790	VEEEITTLR	AGAP004868-PA	-	58	3.10E-05	2	1089.575	-3.27	Salivary gland	2L:-:4682046-4682020	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_59332	VEEEITTLR	AGAP004868-PA	-	64	6.70E-06	2	1089.580	1.1	Ovary	2L:-:4682046-4682020	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_60080	SSVTTPTAIPEEKPIP	AGAP004868-PA	-	58	1.42E-05	1	1666.895	3.26	Malpighian tubule	2L:-:4680561-4680514	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_63642	VGEITTVVTSAPIYQK	AGAP004868-PA	-	95	1.55E-09	2	1705.942	2.89	Salivary gland	2L:-:4681573-4681595,4680726-4680879	exon=> In CDS Exon 5 and 4 of transcript AGAP004868-PA

JHU_Ag_64058	SSSVQSLSDIQNDER	AGAP004868-PA	-	100	1.30E-09	1	1664.781	5.5	Malpighian tubule	2L:-:4680609-4680565	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_65317	SSSVQSLSDIQNDERR	AGAP004868-PA	-	44	0.000581366	1	1820.873	-0.37	Ovary	2L:-:4680609-4680562	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_65760	SSSVQSLSDIQNDER	AGAP004868-PA	-	109	1.66E-10	2	1664.774	0.96	Ovary	2L:-:4680609-4680565	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_70132	LGITVWKEITDDVSQGIK	AGAP004868-PA	-	39	0.000751948	3	2002.098	6.21	Malpighian tubule	2L:-:4681971-4681918	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_71600	VEEEITTLR	AGAP004868-PA	-	78	2.84E-07	2	1089.578	-0.69	Male reproductive organs	2L:-:4682046-4682020	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_72437	EITDDVSQGIK	AGAP004868-PA	-	77	3.34E-07	1	1204.606	0.47	Head	2L:-:4681950-4681918	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_73825	LGITVWK	AGAP004868-PA	-	54	2.97E-05	2	816.500	2.03	Salivary gland	2L:-:4681971-4681951	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_80316	SSSVQSLSDIQNDER	AGAP004868-PA	-	97	2.66E-09	2	1664.773	0.37	Male reproductive organs	2L:-:4680609-4680565	exon=> In CDS Exon 6 of transcript AGAP004868-PA
JHU_Ag_80685	VGEITTVVTSAPIYQK	AGAP004868-PA	-	96	1.46E-09	1	1705.938	0.52	Malpighian tubule	2L:-:4681573-4681595,4680726-4680879	exon=> In CDS Exon 5 and 4 of transcript AGAP004868-PA
JHU_Ag_84122	LSDASPVGSISSAEIANEFSGLSAEEQTAQR	AGAP004868-PA	-	90	1.36E-08	1	3151.510	2.27	Head	2L:-:4682241-4682149	exon=> In CDS Exon 2 of transcript AGAP004868-PA
JHU_Ag_84160	VGSAYENVR	AGAP004868-PA	-	55	5.33E-05	1	994.496	0.26	Male reproductive organs	2L:-:4680752-4680726	exon=> In CDS Exon 5 of transcript AGAP004868-PA
JHU_Ag_92111	LSDASPVGSISSAEIANEFSGLSAEEQTAQREEWSQELAR	AGAP004868-PA	-	72	5.76E-07	1	4280.028	1.15	Male reproductive organs	2L:-:4682241-4682255,4681898-4682047	exon=> In CDS Exon 3 and 2 of transcript AGAP004868-PA
JHU_Ag_93883	KLGITVWK	AGAP004868-PA	-	32	0.001010108	2	944.593	0.27	Male reproductive organs	2L:-:4681974-4681951	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_93985	VGEITTVVTSAPIYQK	AGAP004868-PA	-	48	8.20E-05	2	1705.944	3.74	Male reproductive organs	2L:-:4681573-4681595,4680726-4680879	exon=> In CDS Exon 5 and 4 of transcript AGAP004868-PA
JHU_Ag_94877	EITDDVSQGIK	AGAP004868-PA	-	60	1.67E-05	1	1204.605	-0.4	Ovary	2L:-:4681950-4681918	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_107010	VGEITTVVTSAPIYQK	AGAP004868-PA	-	95	2.14E-09	2	1705.937	-0.19	Midgut	2L:-:4681573-4681595,4680726-4680879	exon=> In CDS Exon 5 and 4 of transcript AGAP004868-PA
JHU_Ag_109946	VGSAYENVR	AGAP004868-PA	-	70	1.77E-06	2	994.495	-0.48	Ovary	2L:-:4680752-4680726	exon=> In CDS Exon 5 of transcript AGAP004868-PA
JHU_Ag_110008	EEWSQELAR	AGAP004868-PA	-	46	0.000292562	2	1147.540	2.24	Ovary	2L:-:4682148-4682255,4681898-4682047	exon=> In CDS Exon 3 and 2 of transcript AGAP004868-PA
JHU_Ag_115244	EITDDVSQGIK	AGAP004868-PA	-	52	8.53E-05	1	1204.606	0.31	Male reproductive organs	2L:-:4681950-4681918	exon=> In CDS Exon 3 of transcript AGAP004868-PA
JHU_Ag_117829	VGSAYENVR	AGAP004868-PA	-	65	4.36E-06	2	994.493	-2.38	Head	2L:-:4680752-4680726	exon=> In CDS Exon 5 of transcript AGAP004868-PA
JHU_Ag_5	IIELASLVVK	AGAP004870-PA	-	55	3.14E-06	2	1084.697	-0.56	Visceras	2L:+:4696763-4696792	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_95	FDCSGCGDVDTSK	AGAP004870-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	36	0.000172623	1	1447.548	0.97	Ovary	2L:+:4693201-4693239	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_1882	VGELMSELVNR	AGAP004870-PA	M5(Oxidation)	74	6.10E-07	2	1246.645	-1	Ovary	2L:+:4694128-4694160	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_3034	VEDFSVNIEPVIFNEK	AGAP004870-PA	-	98	2.41E-09	1	1878.950	0.88	Head	2L:+:4694746-4694793	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_4216	ISVKVDPSGLAPGVYR	AGAP004870-PA	-	79	7.90E-08	1	1657.936	5.25	Malpighian tubule	2L:+:4694968-4695015	exon=> In CDS Exon 4 of transcript AGAP004870-PA

JHU_Ag_4391	SVHDLSPSR	AGAP004870-PA	-	37	0.002378034	1	997.506	-0.39	Pupa	2L:+:4693357-4693383	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_5231	ILPVNGTAPTVQPVR	AGAP004870-PA	N5(Deamidated)	73	2.00E-07	1	1562.894	2.21	Malpighian tubule	2L:+:4695319-4695363	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_6252	LDAENAENVYQALLK	AGAP004870-PA	-	109	1.93E-10	1	1690.872	4.52	Ovary	2L:+:4696568-4696612	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_6814	SKWDEYCEGLR	AGAP004870-PA	C7(Carbamidomethyl)	54	2.12E-05	1	1442.620	-11.89	Malpighian tubule	2L:+:4696508-4696540	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_7192	LTEANMVVNFK	AGAP004870-PA	M6(Oxidation)	73	7.49E-07	2	1281.651	0.09	Ovary	2L:+:4696025-4696057	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_7795	VDPSGLAPGVYR	AGAP004870-PA	-	58	2.70E-05	1	1230.650	1.77	Malpighian tubule	2L:+:4694980-4695015	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_8004	VEDFSVNIEPVIFNEK	AGAP004870-PA	-	106	3.51E-10	1	1878.956	4.26	Ovary	2L:+:4694746-4694793	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_8124	FWSNFGTLPLR	AGAP004870-PA	-	55	3.48E-05	2	1337.702	1.08	Visceras	2L:+:4695474-4695506	exon=> In CDS Exon 5 of transcript AGAP004870-PA
JHU_Ag_9701	FAQGNGLLNVGK	AGAP004870-PA	-	81	1.05E-07	1	1217.668	3.09	Ovary	2L:+:4694593-4694628	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_11241	FPVTSLVPK	AGAP004870-PA	-	48	0.000124018	2	987.588	0.49	Malpighian tubule	2L:+:4692778-4692804	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_11702	KFVALCK	AGAP004870-PA	C6(Carbamidomethyl)	43	0.000290239	2	865.499	2.73	Malpighian tubule	2L:+:4696995-4697015	exon=> In CDS Exon 7 of transcript AGAP004870-PA
JHU_Ag_12792	VEGDHIIEICIAK	AGAP004870-PA	C10(Carbamidomethyl)	47	0.000213516	1	1496.784	3.83	Ovary	2L:+:4695364-4695369,4695441-4695473	exon=> In CDS Exon 4 and 5 of transcript AGAP004870-PA
JHU_Ag_13351	DVTIAILDSGVDPR	AGAP004870-PA	-	76	3.05E-07	1	1470.777	-1.98	Malpighian tubule	2L:+:4692859-4692900	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_15572	TVTASPDGTIVGLSGR	AGAP004870-PA	-	101	1.13E-09	1	1530.812	0.01	Malpighian tubule	2L:+:4693240-4693287	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_16679	IIELASLVVK	AGAP004870-PA	-	46	2.84E-05	2	1084.695	-2.25	Head	2L:+:4696763-4696792	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_18260	VEDFSVNIEPVIFNEK	AGAP004870-PA	-	93	7.97E-09	2	1878.951	1.47	Midgut	2L:+:4694746-4694793	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_18440	DVTIAILDSGVDPR	AGAP004870-PA	-	56	2.67E-05	2	1470.787	4.75	Ovary	2L:+:4692859-4692900	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_18714	SKNVAGSEYR	AGAP004870-PA	-	46	0.000346688	2	1110.556	1.68	Malpighian tubule	2L:+:4693315-4693344	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_19570	DILEEILTVVDEK	AGAP004870-PA	-	103	4.66E-10	2	1515.823	5.18	Midgut	2L:+:4697288-4697326	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_20592	DVTIAILDSGVDPR	AGAP004870-PA	-	80	9.30E-08	2	1470.783	2.01	Midgut	2L:+:4692859-4692900	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_21064	VGELMSELVNR	AGAP004870-PA	M5(Oxidation)	49	0.000235207	2	1262.644	2.65	Larva	2L:+:4694128-4694160	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_21608	GVLFEIPVTVVQPHVVDPK	AGAP004870-PA	-	46	3.66E-05	1	2073.179	2.07	Salivary gland	2L:+:4695055-4695111	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_22756	DFILVPK	AGAP004870-PA	-	36	0.002551662	1	831.498	1.08	Ovary	2L:+:4695172-4695192	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_23416	FWSNFGTLPLR	AGAP004870-PA	-	52	7.39E-05	1	1337.700	-0.38	Malpighian tubule	2L:+:4695474-4695506	exon=> In CDS Exon 5 of transcript AGAP004870-PA
JHU_Ag_24570	LPGNVYTWSSR	AGAP004870-PA	-	42	0.001080128	2	1279.643	-0.1	Visceras	2L:+:4694314-4694346	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_24619	VDPSGLAPGVYR	AGAP004870-PA	-	37	0.003189662	2	1230.652	3.75	Ovary	2L:+:4694980-4695015	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_25072	FADAADKINFNVR	AGAP004870-PA	-	50	0.000150279	2	1480.760	4.08	Head	2L:+:4694794-4694800,4694864-4694895	exon=> In CDS Exon 3 and 4 of transcript AGAP004870-PA

JHU_Ag_25697	DIDQSALLAYYGMK	AGAP004870-PA	M13(Oxidation)	68	2.11E-06	1	1603.767	-0.25	Midgut	2L:+:4696793-4696834	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_28630	IIVSSNPQGYRPF	AGAP004870-PA	-	57	2.76E-05	2	1477.780	0.32	Head	2L:+:4697360-4697398	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_30161	TAAMVLKPSETKVTPLTTR	AGAP004870-PA	M4(Oxidation)	86	9.11E-09	1	2060.149	3.39	Malpighian tubule	2L:+:4695692-4695748	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_30488	GDLEDAVHVLEYTR	AGAP004870-PA	-	54	5.88E-05	2	1616.798	3.93	Ovary	2L:+:4693663-4693704	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_30614	LDAENAENVYQALLK	AGAP004870-PA	-	94	6.17E-09	2	1690.867	1.2	Midgut	2L:+:4696568-4696612	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_31630	DIDQSALLAYYGMK	AGAP004870-PA	M13(Oxidation)	73	7.42E-07	1	1587.774	0.85	Ovary	2L:+:4696793-4696834	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_31702	AFDHLTTYCGLIENK	AGAP004870-PA	C9(Carbamidomethyl)	48	0.000247089	2	1781.853	0.25	Midgut	2L:+:4694629-4694673	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_32216	IDLTALTCEEVHPVVSLK	AGAP004870-PA	C8(Carbamidomethyl)	81	6.60E-08	1	2024.083	4.94	Head	2L:+:4695638-4695691	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_33225	FHGISPLNGSVMHSASGIHR	AGAP004870-PA	M12(Oxidation)	55	4.77E-05	1	2120.053	3.71	Malpighian tubule	2L:+:4695519-4695546,4695606-4695637	exon=> In CDS Exon 5 and 6 of transcript AGAP004870-PA
JHU_Ag_33965	FAVTVGNNNAK	AGAP004870-PA	-	42	0.000796984	2	1134.593	2.8	Malpighian tubule	2L:+:4694680-4694712	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_34045	IIVSSNPQGYRPF	AGAP004870-PA	-	87	2.23E-08	1	1477.788	5.45	Malpighian tubule	2L:+:4697360-4697398	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_35527	IIELASLVVK	AGAP004870-PA	-	57	9.98E-07	1	1084.702	3.82	Ovary	2L:+:4696763-4696792	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_37775	DNPNHLAAHLAMADHFDSTDLK	AGAP004870-PA	M12(Oxidation)	63	5.85E-06	1	2449.119	-0.45	Head	2L:+:4696613-4696678	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_38864	NETGALSFIR	AGAP004870-PA	-	61	1.18E-05	2	1107.582	2.02	Malpighian tubule	2L:+:4692805-4692834	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_39760	TAAMVLKPSETK	AGAP004870-PA	M4(Oxidation)	63	5.23E-06	1	1291.691	-1.14	Ovary	2L:+:4695692-4695727	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_40362	AQLMNGTSMSAPHVAGSVGLLISGLK	AGAP004870-PA	M4(Oxidation), M9(Oxidation)	71	6.52E-07	1	2571.343	6.31	Malpighian tubule	2L:+:4694434-4694511	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_41029	IDLTALTCEEVHPVVSLK	AGAP004870-PA	C8(Carbamidomethyl)	71	6.72E-07	1	2024.080	3.31	Malpighian tubule	2L:+:4695638-4695691	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_41038	IVSLTIGDGRLESMETGTALVR	AGAP004870-PA	M14(Oxidation)	35	0.00251279	1	2334.238	1.87	Ovary	2L:+:4693963-4694028	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_41632	FADAADKINFNVR	AGAP004870-PA	-	101	1.18E-09	1	1480.762	4.9	Malpighian tubule	2L:+:4694794-4694800,4694864-4694895	exon=> In CDS Exon 3 and 4 of transcript AGAP004870-PA
JHU_Ag_48288	LPGNVYTWSSR	AGAP004870-PA	-	51	0.000118434	1	1279.643	-0.39	Ovary	2L:+:4694314-4694346	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_48392	LPSNSLSVDVYK	AGAP004870-PA	-	99	1.65E-09	1	1321.700	0.48	Ovary	2L:+:4696058-4696093	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_48486	IVSLTIGDGR	AGAP004870-PA	-	36	0.002805407	2	1030.589	0.09	Ovary	2L:+:4693963-4693992	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_50397	DFILVPK	AGAP004870-PA	-	36	0.002316451	1	831.499	1.23	Midgut	2L:+:4695172-4695192	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_50860	YATWAVIEMR	AGAP004870-PA	-	55	4.20E-05	2	1239.627	6.76	Malpighian tubule	2L:+:4695193-4695222	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_51119	DILEEILTVVDEK	AGAP004870-PA	-	51	7.75E-05	2	1515.822	4.38	Ovary	2L:+:4697288-4697326	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_51620	MESIVDVK	AGAP004870-PA	N-Term(Acetyl), M1(Oxidation)	52	9.10E-05	2	978.479	-2.03	Malpighian tubule	2L:+:4692754-4692777	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_52004	ILPVNGTAPTVQPVR	AGAP004870-PA	-	97	6.54E-10	2	1561.908	1.44	Head	2L:+:4695319-4695363	exon=> In CDS Exon 4 of transcript AGAP004870-PA

JHU_Ag_53305	IVSLTIGDGR	AGAP004870-PA	-	59	1.29E-05	2	1030.590	0.8	Malpighian tubule	2L:+:4693963-4693992	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_53931	NETGALSFIR	AGAP004870-PA	-	46	0.000334364	2	1107.577	-2.28	Head	2L:+:4692805-4692834	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_54766	AFDHLTTYCGLIENK	AGAP004870-PA	C9(Carbamidomethyl)	60	1.46E-05	1	1781.853	-0.1	Ovary	2L:+:4694629-4694673	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_55664	DVTIAILDSGVDPR	AGAP004870-PA	-	82	6.74E-08	2	1470.781	0.68	Head	2L:+:4692859-4692900	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_56797	LTEANMVVNFK	AGAP004870-PA	M6(Oxidation)	91	1.30E-08	1	1281.652	0.85	Malpighian tubule	2L:+:4696025-4696057	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_57052	QLLLDACQR	AGAP004870-PA	C7(Carbamidomethyl)	42	0.001158448	2	1116.584	1.2	Malpighian tubule	2L:+:4696968-4696994	exon=> In CDS Exon 7 of transcript AGAP004870-PA
JHU_Ag_57954	IDYVDKFAQGNGLLNVGK	AGAP004870-PA	-	89	1.10E-08	1	1951.039	5.37	Malpighian tubule	2L:+:4694575-4694628	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_58512	MESIVDVKFPVTSLVPK	AGAP004870-PA	N-Term(Acetyl), M1(Oxidation)	47	0.00017038	1	1947.050	-0.57	Ovary	2L:+:4692754-4692804	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_58775	IIELASLVVK	AGAP004870-PA	-	44	1.67E-05	2	1084.702	3.71	Salivary gland	2L:+:4696763-4696792	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_60146	IIVSSNPQGYRPF	AGAP004870-PA	-	88	1.93E-08	1	1477.787	4.7	Ovary	2L:+:4697360-4697398	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_60707	DILEEILTVVDEK	AGAP004870-PA	-	74	4.21E-07	1	1515.817	1.4	Malpighian tubule	2L:+:4697288-4697326	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_61550	GVLFEIPVTVVQPHVVDPK	AGAP004870-PA	-	52	1.35E-05	1	2073.174	-0.05	Ovary	2L:+:4695055-4695111	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_64707	GVLFEIPVTVVQPHVVDPK	AGAP004870-PA	-	31	0.001002175	1	2073.187	5.96	Malpighian tubule	2L:+:4695055-4695111	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_66603	LTEANMVVNFK	AGAP004870-PA	M6(Oxidation)	54	5.96E-05	1	1281.650	-0.39	Midgut	2L:+:4696025-4696057	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_68030	FPVTSLVPK	AGAP004870-PA	-	53	4.39E-05	2	987.587	-0.87	Visceras	2L:+:4692778-4692804	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_68887	GDLEDAVHVLEYTR	AGAP004870-PA	-	68	2.45E-06	1	1616.798	3.86	Head	2L:+:4693663-4693704	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_69393	FAQGNGLLNVGK	AGAP004870-PA	-	81	1.28E-07	1	1217.662	-1.32	Malpighian tubule	2L:+:4694593-4694628	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_70515	LESMETGTALVR	AGAP004870-PA	M4(Oxidation)	63	8.48E-06	2	1322.663	0.31	Ovary	2L:+:4693993-4694028	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_71773	VEDFSVNIEPVIFNEK	AGAP004870-PA	-	71	1.20E-06	1	1878.952	2.12	Pupa	2L:+:4694746-4694793	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_72377	AKGLEQIPGGDVK	AGAP004870-PA	-	62	4.36E-06	1	1311.731	3.6	Malpighian tubule	2L:+:4692901-4692915,4693165-4693188	exon=> In CDS Exon 1 and 2 of transcript AGAP004870-PA
JHU_Ag_72711	IVSLTIGDGRLESMETGTALVR	AGAP004870-PA	M14(Oxidation)	109	8.79E-11	1	2334.246	5.24	Malpighian tubule	2L:+:4693963-4694028	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_73217	FAVTVGNNNAK	AGAP004870-PA	-	43	0.000841092	2	1134.591	0.65	Head	2L:+:4694680-4694712	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_74154	TSYDCVLFPTK	AGAP004870-PA	C5(Carbamidomethyl)	69	1.55E-06	2	1330.636	0.56	Ovary	2L:+:4693594-4693626	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_74379	LPSNSLSVDVYK	AGAP004870-PA	-	83	6.79E-08	1	1321.702	1.5	Malpighian tubule	2L:+:4696058-4696093	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_74695	TVTASPDGTIVGLSGR	AGAP004870-PA	-	83	6.01E-08	1	1530.817	3.2	Ovary	2L:+:4693240-4693287	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_75096	AFDHLTTYCGLIENKLR	AGAP004870-PA	C9(Carbamidomethyl)	127	3.68E-12	1	2051.049	5.35	Malpighian tubule	2L:+:4694629-4694679	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_75521	TAAMVLKPSETK	AGAP004870-PA	M4(Oxidation)	66	3.30E-06	1	1291.696	2.92	Malpighian tubule	2L:+:4695692-4695727	exon=> In CDS Exon 6 of transcript AGAP004870-PA

JHU_Ag_77588	GVLFEIPVTVVQPHVVDPK	AGAP004870-PA	-	44	6.14E-05	1	2073.176	0.92	Midgut	2L:+:4695055-4695111	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_78867	LESMETGTALVR	AGAP004870-PA	M4(Oxidation)	67	3.42E-06	1	1322.662	0.03	Malpighian tubule	2L:+:4693993-4694028	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_80080	TVTASPDGTIVGLSGR	AGAP004870-PA	-	54	5.53E-05	2	1530.812	-0.39	Midgut	2L:+:4693240-4693287	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_80621	VDPSGLAPGVYR	AGAP004870-PA	-	42	0.001023693	2	1230.648	0.48	Pupa	2L:+:4694980-4695015	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_80909	MESIVDVKFPVTSLVPK	AGAP004870-PA	N-Term(Acetyl), M1(Oxidation)	75	1.99E-07	1	1947.063	6.14	Malpighian tubule	2L:+:4692754-4692804	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_81733	MYPEYDGRDVTIAILDSGVDPR	AGAP004870-PA	M1(Oxidation)	55	4.67E-05	1	2498.196	3.55	Malpighian tubule	2L:+:4692835-4692900	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_82073	SKWDEYCEGLR	AGAP004870-PA	C7(Carbamidomethyl)	89	1.16E-08	1	1442.650	9.18	Ovary	2L:+:4696508-4696540	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_83266	TVTASPDGTIVGLSGR	AGAP004870-PA	-	49	0.000137261	2	1530.814	1.28	Head	2L:+:4693240-4693287	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_83673	SDLPVDCKPHTIIR	AGAP004870-PA	C7(Carbamidomethyl)	47	0.000270897	1	1650.862	-0.53	Ovary	2L:+:4695130-4695171	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_83700	DIDQSALLAYYGMK	AGAP004870-PA	M13(Oxidation)	107	2.53E-10	1	1603.770	1.58	Head	2L:+:4696793-4696834	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_83812	IIVSSNPQGYRPF	AGAP004870-PA	-	41	0.000988855	2	1477.782	1.23	Pupa	2L:+:4697360-4697398	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_85943	FFLHTQQILPMK	AGAP004870-PA	M11(Oxidation)	51	8.67E-05	1	1518.815	0.84	Malpighian tubule	2L:+:4695256-4695291	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_86274	VDPSGLAPGVYR	AGAP004870-PA	-	66	4.39E-06	2	1230.649	0.98	Salivary gland	2L:+:4694980-4695015	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_86298	GLEQIPGGDVK	AGAP004870-PA	-	35	0.003328939	1	1112.596	0.74	Malpighian tubule	2L:+:4692907-4692915,4693165-4693188	exon=> In CDS Exon 1 and 2 of transcript AGAP004870-PA
JHU_Ag_86313	IDLTALTCEEVHPVVSLK	AGAP004870-PA	C8(Carbamidomethyl)	95	2.69E-09	1	2024.082	4.22	Ovary	2L:+:4695638-4695691	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_86411	ELSDFEAKNPSTGLTGK	AGAP004870-PA	-	42	0.000992008	2	1793.907	8.7	Malpighian tubule	2L:+:4693465-4693515	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_88755	VGELMSELVNR	AGAP004870-PA	M5(Oxidation)	70	1.98E-06	2	1262.645	3.04	Malpighian tubule	2L:+:4694128-4694160	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_88765	AQLMNGTSMSAPHVAGSVGLLISGLK QK	AGAP004870-PA	M4(Oxidation), M9(Oxidation)	75	2.01E-07	1	2827.492	4.14	Malpighian tubule	2L:+:4694434-4694517	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_89499	SVHDLSPSR	AGAP004870-PA	-	49	0.000155267	1	997.506	-0.2	Ovary	2L:+:4693357-4693383	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_90984	FWSNFGTLPLR	AGAP004870-PA	-	60	1.29E-05	2	1337.702	1.26	Ovary	2L:+:4695474-4695506	exon=> In CDS Exon 5 of transcript AGAP004870-PA
JHU_Ag_91649	TSYDCVLFPTK	AGAP004870-PA	C5(Carbamidomethyl)	41	0.000876432	2	1330.641	4.5	Malpighian tubule	2L:+:4693594-4693626	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_91914	ENLESTLEFLNTCDKK	AGAP004870-PA	C13(Carbamidomethyl)	114	7.26E-11	1	1940.926	-0.7	Ovary	2L:+:4693531-4693578	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_92358	VLQNVFDAQDASQPDYTEELEQLYGD VGK	AGAP004870-PA	-	65	3.88E-06	1	3271.539	3.46	Ovary	2L:+:4697022-4697108	exon=> In CDS Exon 7 of transcript AGAP004870-PA
JHU_Ag_92841	LDAENAENVYQALLK	AGAP004870-PA	-	108	2.42E-10	1	1690.871	3.95	Visceras	2L:+:4696568-4696612	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_94101	IDYVDKFAQGNGLLNVGK	AGAP004870-PA	-	124	2.92E-12	1	1951.029	0.11	Ovary	2L:+:4694575-4694628	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_94191	VEGDHIIEICIAK	AGAP004870-PA	C10(Carbamidomethyl)	39	0.001462482	1	1496.778	0.03	Malpighian tubule	2L:+:4695364-4695369,4695441-4695473	exon=> In CDS Exon 4 and 5 of transcript AGAP004870-PA
JHU_Ag_94929	ELSDFEAK	AGAP004870-PA	-	45	0.000436104	2	938.447	0.89	Ovary	2L:+:4693465-4693488	exon=> In CDS Exon 2 of transcript AGAP004870-PA

JHU_Ag_97358	FIEYTDSK	AGAP004870-PA	-	41	0.000808745	2	1002.477	-0.54	Malpighian tubule	2L:+:4697109-4697132	exon=> In CDS Exon 7 of transcript AGAP004870-PA
JHU_Ag_99298	TVTASPDGTIVGLSGRK	AGAP004870-PA	-	53	3.49E-05	1	1658.915	4.5	Malpighian tubule	2L:+:4693240-4693290	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_99455	MESIVDVKFPVTSLVPK	AGAP004870-PA	N-Term(Acetyl)	48	0.000106875	1	1931.065	4.76	Ovary	2L:+:4692754-4692804	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_100201	DILEEILTVVDEKK	AGAP004870-PA	-	85	2.33E-08	1	1643.911	0.55	Ovary	2L:+:4697288-4697329	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_100909	IIELASLVVK	AGAP004870-PA	-	46	2.94E-05	2	1084.699	1.01	Pupa	2L:+:4696763-4696792	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_100974	IIELASLVVK	AGAP004870-PA	-	53	6.19E-06	2	1084.698	0.34	Midgut	2L:+:4696763-4696792	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_101063	VEDFSVNIEPVIFNEK	AGAP004870-PA	-	87	3.12E-08	1	1878.948	-0.42	Malpighian tubule	2L:+:4694746-4694793	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_102109	LDAENAENVYQALLK	AGAP004870-PA	-	112	1.03E-10	1	1690.864	-0.46	Malpighian tubule	2L:+:4696568-4696612	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_102489	NETGALSFIR	AGAP004870-PA	-	54	5.75E-05	2	1107.581	1.36	Ovary	2L:+:4692805-4692834	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_103588	AQLMNGTSMSAPHVAGSVGLLISGLK	AGAP004870-PA	M4(Oxidation), M9(Oxidation),"M4(Oxidation), N5(Deamidated), M9(Oxidation)"	110	9.63E-11	1	2571.337	3.89	Ovary	2L:+:4694434-4694511	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_103647	VLLLTIWHAFSLK	AGAP004870-PA	-	54	4.23E-06	1	1540.930	3.5	Ovary	2L:+:4697192-4697230	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_104048	FWSNFGTLPLR	AGAP004870-PA	-	55	4.14E-05	2	1337.701	0.81	Midgut	2L:+:4695474-4695506	exon=> In CDS Exon 5 of transcript AGAP004870-PA
JHU_Ag_104105	FWSNFGTLPLR	AGAP004870-PA	-	66	2.67E-06	2	1337.704	2.81	Head	2L:+:4695474-4695506	exon=> In CDS Exon 5 of transcript AGAP004870-PA
JHU_Ag_104243	AFDHLTTYCGLIENK	AGAP004870-PA	C9(Carbamidomethyl)	44	0.000619218	1	1781.857	2.47	Malpighian tubule	2L:+:4694629-4694673	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_104863	SVHDLSPSR	AGAP004870-PA	-	45	0.000419891	2	997.508	1.69	Malpighian tubule	2L:+:4693357-4693383	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_105287	LDAENAENVYQALLK	AGAP004870-PA	-	96	3.96E-09	1	1690.872	4.31	Head	2L:+:4696568-4696612	exon=> In CDS Exon 6 of transcript AGAP004870-PA
JHU_Ag_105601	IIVSSNPQGYRPF	AGAP004870-PA	-	77	2.71E-07	1	1477.785	3.3	Salivary gland	2L:+:4697360-4697398	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_106015	FADAADKINFNVR	AGAP004870-PA	-	49	0.000203189	1	1480.754	0.07	Ovary	2L:+:4694794-4694800,4694864-4694895	exon=> In CDS Exon 3 and 4 of transcript AGAP004870-PA
JHU_Ag_108475	VLQNVFDAQDASQPDYTEELEQLYGDVGK	AGAP004870-PA	-	48	0.000182428	1	3271.540	3.79	Malpighian tubule	2L:+:4697022-4697108	exon=> In CDS Exon 7 of transcript AGAP004870-PA
JHU_Ag_110710	VEDFSVNIEPVIFNEK	AGAP004870-PA	-	90	1.58E-08	1	1878.955	3.35	Visceras	2L:+:4694746-4694793	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_111167	IIVSSNPQGYRPF	AGAP004870-PA	-	53	7.07E-05	2	1477.783	2.06	Male reproductive organs	2L:+:4697360-4697398	exon=> In CDS Exon 8 of transcript AGAP004870-PA
JHU_Ag_111490	SDLPVDCKPHTIIRDFILVPK	AGAP004870-PA	C7(Carbamidomethyl)	67	6.87E-07	1	2463.357	5.54	Malpighian tubule	2L:+:4695130-4695192	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_111735	ILPVNGTAPTVQPVR	AGAP004870-PA	N5(Deamidated)	93	1.60E-09	1	1561.908	1.04	Ovary	2L:+:4695319-4695363	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_114061	YATWAVIEMR	AGAP004870-PA	M9(Oxidation)	56	3.57E-05	2	1255.615	0.81	Ovary	2L:+:4695193-4695222	exon=> In CDS Exon 4 of transcript AGAP004870-PA
JHU_Ag_114432	LPGNVYTWSSR	AGAP004870-PA	-	45	0.000464185	1	1279.641	-1.92	Midgut	2L:+:4694314-4694346	exon=> In CDS Exon 3 of transcript AGAP004870-PA
JHU_Ag_115125	ILPVNGTAPTVQPVR	AGAP004870-PA	-	66	9.43E-07	1	1561.903	-1.77	Midgut	2L:+:4695319-4695363	exon=> In CDS Exon 4 of transcript AGAP004870-PA

JHU_Ag_116408	FPVTSLVPK	AGAP004870-PA	-	52	5.28E-05	2	987.588	0.86	Ovary	2L:+:4692778-4692804	exon=> In CDS Exon 1 of transcript AGAP004870-PA
JHU_Ag_116932	TVTASPDGTIVGLSGR	AGAP004870-PA	-	55	4.21E-05	2	1530.816	2.56	Pupa	2L:+:4693240-4693287	exon=> In CDS Exon 2 of transcript AGAP004870-PA
JHU_Ag_1994	LILQLK	AGAP004873-PA	-	20	0.003027759	1	727.508	0.09	Male reproductive organs	2L:-:4776171-4776154	exon=> In CDS Exon 7 of transcript AGAP004873-PA
JHU_Ag_67965	LLSSEGR	AGAP004873-PA	-	43	0.001001871	2	761.416	1.17	Malpighian tubule	2L:-:4778493-4778473	exon=> In CDS Exon 4 of transcript AGAP004873-PA
JHU_Ag_92448	LLKDYENADTELLIYATSLINK	AGAP004873-PA	N7(Deamidated)	38	0.001759514	1	2541.321	-4.94	Midgut	2L:-:4777966-4777901	exon=> In CDS Exon 5 of transcript AGAP004873-PA
JHU_Ag_65960	NLLLK	AGAP004873-PA,AGAP004265-PA,AGAP004394-PA,AGAP002476-PA	-	32	0.003397786	1	600.407	-1	Midgut	2L:-:4776733-4776719;2R:+:53493023-53493037;2R:+:55593138-55593152;2R:+:21860929-21860943	exon=> In CDS Exon 6 of transcript AGAP004873-PA;exon=> In CDS Exon 2 of transcript AGAP004265-PA;exon=> In CDS Exon 4 of transcript AGAP004394-PA;exon=> In CDS Exon 3 of transcript AGAP002476-PA
JHU_Ag_111322	NLLLK	AGAP004873-PA,AGAP004265-PA,AGAP004394-PA,AGAP002476-PA	-	30	0.005226321	1	600.410	2.76	Larva	2L:-:4776733-4776719;2R:+:53493023-53493037;2R:+:55593138-55593152;2R:+:21860929-21860943	exon=> In CDS Exon 6 of transcript AGAP004873-PA;exon=> In CDS Exon 2 of transcript AGAP004265-PA;exon=> In CDS Exon 4 of transcript AGAP004394-PA;exon=> In CDS Exon 3 of transcript AGAP002476-PA
JHU_Ag_44559	VWEPIQK	AGAP004876-PA	Q6(Deamidated)	36	0.0027104	1	900.495	13.7	Head	2L:+:4846847-4846867	exon=> In CDS Exon 1 of transcript AGAP004876-PA
JHU_Ag_29	ADLSVQVIQLSER	AGAP004877-PA	-	109	1.51E-10	1	1457.797	0.87	Head	2L:+:4855504-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_1057	HQEIVSDFNEQLEALTK	AGAP004877-PA	-	134	6.22E-13	1	2000.992	-0.23	Male reproductive organs	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_1104	RLHEYEVELR	AGAP004877-PA	-	59	1.70E-05	3	1343.706	-0.43	Midgut	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_1731	STGGGTADVSIEYSADLSALSR	AGAP004877-PA	-	52	0.000109274	2	2157.034	1.75	Visceras	2L:+:4852095-4852160	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_2063	AQALSAEYGQFR	AGAP004877-PA	-	77	2.69E-07	2	1340.657	-1.58	Midgut	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_3358	KLLEDVHLESEETAHILK	AGAP004877-PA	-	51	5.64E-05	1	2104.128	-0.31	Head	2L:+:4855705-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_3526	ADLSVQVIQLSER	AGAP004877-PA	-	90	1.14E-08	1	1457.797	0.78	Visceras	2L:+:4855504-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_3533	TRLEETIALYDASQR	AGAP004877-PA	-	120	1.52E-11	1	1765.909	0.5	Male reproductive organs	2L:+:4857384-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_3856	ITESEEHIESLQAR	AGAP004877-PA	-	112	1.01E-10	1	1641.812	2.59	Male reproductive organs	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_4131	LLQEDLESER	AGAP004877-PA	-	77	3.76E-07	1	1231.620	3.05	Visceras	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_4179	LHEYEVELRR	AGAP004877-PA	-	42	0.000803129	1	1343.706	-0.51	Head	2L:+:4857579-4857608	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_4587	LSQENIDLVK	AGAP004877-PA	-	83	7.35E-08	2	1158.637	0.1	Pupa	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_4717	STVTELTR	AGAP004877-PA	-	55	3.84E-05	2	906.491	1.55	Malpighian tubule	2L:+:4857552-4857575	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_4862	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation)	121	1.08E-11	1	2104.028	2.71	Visceras	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_4890	STGGGTADVSIEYSADLSALSR	AGAP004877-PA	-	92	9.76E-09	2	2157.035	2.09	Malpighian tubule	2L:+:4852095-4852160	exon=> In CDS Exon 1 of transcript AGAP004877-PA

JHU_Ag_5292	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation)	147	3.17E-14	1	2104.028	2.71	Pupa	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_5464	LSVESISFSK	AGAP004877-PA	-	75	3.21E-07	2	1096.588	-0.08	Midgut	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_5551	KLLEDVHLESEETAHILK	AGAP004877-PA	-	127	1.62E-12	1	2104.124	-1.97	Male reproductive organs	2L:+:4855705-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_5690	AEEVEEIR	AGAP004877-PA	-	51	0.000102725	2	974.478	-0.54	Visceras	2L:+:4857159-4857182	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_5818	AEEVEEIR	AGAP004877-PA	-	55	4.59E-05	1	974.481	2.09	Malpighian tubule	2L:+:4857159-4857182	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_6227	DVELTKLR	AGAP004877-PA	-	42	0.000701449	1	973.569	1.21	Malpighian tubule	2L:+:4855681-4855704	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_6315	QLVKANGEAGTFK	AGAP004877-PA	-	41	0.000874249	2	1362.744	4.34	Malpighian tubule	2L:+:4857090-4857128	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_7360	ANGEAGTFK	AGAP004877-PA	N2(Deamidated)	60	9.25E-06	1	895.417	1.84	Malpighian tubule	2L:+:4857102-4857128	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_8724	AEEVEEIRR	AGAP004877-PA	-	48	0.000280009	3	1130.581	0.59	Visceras	2L:+:4857159-4857185	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_8875	LLEDVHLESEETAHILK	AGAP004877-PA	-	128	1.77E-12	1	1976.035	0.82	Head	2L:+:4855708-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_9282	LSQENIDLVK	AGAP004877-PA	-	53	6.64E-05	2	1158.641	3.47	Malpighian tubule	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_10097	LSQENIDLVK	AGAP004877-PA	-	62	9.31E-06	2	1158.636	-0.53	Midgut	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_10216	RIEILEK	AGAP004877-PA	-	35	0.001921143	1	900.555	3.9	Malpighian tubule	2L:+:4857345-4857365	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_10860	TIVDISSHK	AGAP004877-PA	-	47	0.00018191	1	999.549	2.27	Malpighian tubule	2L:+:4856817-4856843	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_11049	LLQEDLESER	AGAP004877-PA	-	77	3.61E-07	1	1231.620	2.75	Male reproductive organs	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_11429	SKYEAECMAR	AGAP004877-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	53	3.85E-05	2	1244.543	2.43	Malpighian tubule	2L:+:4857129-4857158	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_11751	TRLSQENIDLVK	AGAP004877-PA	-	69	1.47E-06	2	1415.784	-1.12	Head	2L:+:4856844-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_11839	LLEKDEEIEVIR	AGAP004877-PA	-	94	3.50E-09	1	1485.821	3.6	Malpighian tubule	2L:+:4857815-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_12057	EELTAAYK	AGAP004877-PA	-	46	0.000314182	1	924.474	7.03	Male reproductive organs	2L:+:4857624-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_12701	TIEKLEVQVTELNIR	AGAP004877-PA	-	99	4.93E-10	1	1785.013	0.91	Midgut	2L:+:4856754-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_13314	LQLEEESEAR	AGAP004877-PA	-	69	1.66E-06	1	1203.583	-1.6	Pupa	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_13530	LTSEIEVLIIDLEK	AGAP004877-PA	-	111	4.14E-11	2	1614.923	2.03	Pupa	2L:+:4857273-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_13703	ANGEAGTFK	AGAP004877-PA	N2(Deamidated)	48	0.000229075	2	894.430	-1.43	Head	2L:+:4857102-4857128	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_14317	LQAEIYELLSQVESISK	AGAP004877-PA	-	129	8.23E-13	1	1950.043	-0.03	Visceras	2L:+:4856682-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_14964	LLQEDLESER	AGAP004877-PA	-	52	0.000116425	1	1231.619	2.16	Ovary	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_15016	LLEDVHLESEETAHILKR	AGAP004877-PA	-	97	1.75E-09	1	2132.144	4.17	Malpighian tubule	2L:+:4855708-4855761	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_16243	LQAEIYELLSQVESISKDK	AGAP004877-PA	-	78	1.23E-07	1	2193.169	1.65	Head	2L:+:4856682-4856738	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_17269	KLLEDVHLESEETAHILK	AGAP004877-PA	-	62	4.67E-06	1	2104.130	0.47	Ovary	2L:+:4855705-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_17470	LSHELDKTR	AGAP004877-PA	-	65	2.75E-06	1	1098.592	2.01	Malpighian tubule	2L:+:4857462-4857488	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_18797	DNNKLQNELHESR	AGAP004877-PA	-	102	1.02E-09	1	1596.770	-1.62	Male reproductive organs	2L:+:4857513-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_19276	LQAEIYELLSQVESISK	AGAP004877-PA	-	115	2.01E-11	1	1950.043	-0.03	Male reproductive organs	2L:+:4856682-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_19779	LLQEDLESERGLR	AGAP004877-PA	-	60	1.20E-05	1	1557.830	4.45	Malpighian tubule	2L:+:4853180-4853218	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_20077	KQTSIEIEQLNAR	AGAP004877-PA	-	111	7.49E-11	2	1529.822	-3.89	Midgut	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_21368	TQLNSQLEEAR	AGAP004877-PA	-	71	1.15E-06	1	1288.649	-0.38	Midgut	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_21489	DEEIEVIR	AGAP004877-PA	-	67	4.17E-06	1	1002.511	0.29	Male reproductive organs	2L:+:4857827-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_21498	TIEKLEVQVTELNIR	AGAP004877-PA	-	109	4.85E-11	1	1785.014	1.53	Male reproductive organs	2L:+:4856754-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_22096	LTSEIEVLIIDLEK	AGAP004877-PA	-	89	5.64E-09	2	1614.929	5.51	Malpighian tubule	2L:+:4857273-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_22379	DVELTK	AGAP004877-PA	-	51	0.000153583	1	704.382	-0.12	Male reproductive organs	2L:+:4855681-4855698	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_23373	LLQEDLESER	AGAP004877-PA	-	81	1.15E-07	1	1231.613	-3	Midgut	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_23385	RLHEYEVELR	AGAP004877-PA	-	65	3.86E-06	1	1343.705	-1.46	Pupa	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_23593	EKADLSVQVIQLSER	AGAP004877-PA	-	99	1.07E-09	2	1714.945	6.43	Larva	2L:+:4855498-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_23669	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation),"M2(Oxidation), Q9(Deamidated)"	147	3.17E-14	1	2104.028	2.28	Head	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_23737	SKYEAECMAR	AGAP004877-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	55	1.29E-05	1	1260.527	-5.97	Head	2L:+:4857129-4857158	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_23768	ITESEEHIESLQAR	AGAP004877-PA	-	112	9.31E-11	1	1641.808	-0.16	Visceras	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_24072	TRLEETIALYDASQR	AGAP004877-PA	-	110	1.68E-10	1	1765.911	1.89	Pupa	2L:+:4857384-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_24132	LSQENIDLVK	AGAP004877-PA	-	73	8.11E-07	1	1158.638	0.84	Visceras	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_24181	KLLEDVHLESEETAHILK	AGAP004877-PA	-	131	5.47E-13	1	2104.129	0.12	Pupa	2L:+:4855705-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_24505	TRLEETIALYDASQR	AGAP004877-PA	-	111	1.33E-10	1	1765.909	0.78	Ovary	2L:+:4857384-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_24670	EELTAAYK	AGAP004877-PA	-	41	0.000984487	2	924.466	-1.04	Pupa	2L:+:4857624-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_24809	AEEVEEIR	AGAP004877-PA	-	62	9.03E-06	2	974.478	-1.42	Head	2L:+:4857159-4857182	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_24819	LSVESISFSK	AGAP004877-PA	-	58	1.45E-05	1	1096.593	3.78	Larva	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_25016	RSMLESSLHQVETELESIR	AGAP004877-PA	M3(Oxidation)	94	5.33E-09	1	2260.130	2.83	Head	2L:+:4856988-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_26521	LSVESISFSK	AGAP004877-PA	-	66	2.27E-06	2	1096.588	-0.86	Ovary	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_26943	TIEKLEVQVTELNIR	AGAP004877-PA	-	42	0.000277 37	1	1785.015	1.62	Visceras	2L:+:4856754-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_27118	LEETIALYDASQR	AGAP004877-PA	-	85	5.83E-08	2	1508.761	0.91	Midgut	2L:+:4857390-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_27229	LQNELHESR	AGAP004877-PA	-	65	4.11E-06	1	1125.568	2.92	Malpighian tubule	2L:+:4857525-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_28115	STVTELTR	AGAP004877-PA	-	52	7.84E-05	2	906.489	-0.13	Visceras	2L:+:4857552-4857575	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_28936	LLQEDLESER	AGAP004877-PA	-	76	4.71E-07	1	1231.617	0.08	Pupa	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_29188	ITESEEHIESLQAR	AGAP004877-PA	-	88	2.19E-08	1	1641.812	2.74	Larva	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_29444	AQALSAEYGQFR	AGAP004877-PA	-	35	0.003845 121	2	1340.663	2.88	Larva	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_30075	LEEAEGGAEGQLEINR	AGAP004877-PA	-	140	1.55E-13	2	1714.827	1.31	Ovary	2L:+:4855543-4855575,4855660-4855674	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA
JHU_Ag_31014	STVTELTR	AGAP004877-PA	-	53	5.06E-05	2	906.491	1.68	Head	2L:+:4857552-4857575	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_31243	LQAEIYELLSQVESISK	AGAP004877-PA	-	121	4.57E-12	1	1950.053	5.1	Larva	2L:+:4856682-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_31388	ITESEEHIESLQAR	AGAP004877-PA	-	103	8.21E-10	1	1641.821	7.95	Midgut	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_31410	TQLNSQLEEAR	AGAP004877-PA	N4(Deamidated),Q2(Deamidated)	77	2.94E-07	1	1288.651	1.7	Pupa	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_31619	DEEIEVIRK	AGAP004877-PA	-	56	4.70E-05	1	1130.605	-0.62	Male reproductive organs	2L:+:4857827-4857849,4863960-4863963	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_32234	HQEIVSDFNEQLEALTK	AGAP004877-PA	-	128	2.65E-12	1	2000.998	2.76	Larva	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_32578	STGGGTADVSIEYSADLSALSR	AGAP004877-PA	-	128	2.78E-12	1	2157.031	-0.06	Male reproductive organs	2L:+:4852095-4852160	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_33092	LEETIALYDASQR	AGAP004877-PA	-	113	8.93E-11	2	1508.762	1.8	Head	2L:+:4857390-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_33158	ADLSVQVIQLSER	AGAP004877-PA	-	78	1.80E-07	2	1457.802	3.97	Larva	2L:+:4855504-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_33399	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation)	127	3.43E-12	1	2104.025	0.89	Male reproductive organs	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_33643	LQLEEESEAR	AGAP004877-PA	-	75	3.72E-07	1	1203.582	-2.42	Midgut	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_33820	SVQDLKLSVESISFSK	AGAP004877-PA	-	87	1.99E-08	1	1766.962	4.7	Malpighian tubule	2L:+:4856880-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_34313	LEVQVTELNIR	AGAP004877-PA	-	102	3.70E-10	1	1313.742	-0.13	Midgut	2L:+:4856766-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_34350	LSHELDKTR	AGAP004877-PA	-	45	0.000262 111	1	1098.591	0.24	Ovary	2L:+:4857462-4857488	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_34503	LLEDVHLESEETAHILKR	AGAP004877-PA	-	84	4.06E-08	1	2132.137	0.99	Male reproductive organs	2L:+:4855708-4855761	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_35237	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	133	5.96E-13	1	2129.097	4.46	Malpighian tubule	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_35630	EELTAAYKEAEAGR	AGAP004877-PA	-	71	1.43E-06	2	1537.753	2.52	Malpighian tubule	2L:+:4857624-4857659,4857737-4857742	exon=> In CDS Exon 5 and 6 of transcript AGAP004877-PA
JHU_Ag_35902	LEEAEGGAEGQLEINR	AGAP004877-PA	-	80	1.72E-07	2	1714.833	4.87	Malpighian tubule	2L:+:4855543-4855575,4855660-4855674	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA

JHU_Ag_35978	EKADLSVQVIQLSER	AGAP004877-PA	-	125	2.49E-12	1	1714.934	0.03	Ovary	2L:+:4855498-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_36007	HQEIVSDFNEQLEALTK	AGAP004877-PA	Q11(Deamidated),N9(Deamidated),Q2(Deamidated)	159	2.05E-15	1	2000.991	-0.65	Head	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_36212	DNNKLQNELHESR	AGAP004877-PA	-	82	1.01E-07	1	1596.771	-1.16	Midgut	2L:+:4857513-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_36324	STVTELTR	AGAP004877-PA	-	57	2.30E-05	2	906.489	-0.34	Midgut	2L:+:4857552-4857575	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_36718	RIEILEK	AGAP004877-PA	-	42	0.000524902	1	900.550	-1.59	Head	2L:+:4857345-4857365	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_37538	AEEVEEIRR	AGAP004877-PA	-	43	0.000946841	2	1130.579	-1.05	Male reproductive organs	2L:+:4857159-4857185	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_37871	STVTELTR	AGAP004877-PA	-	37	0.002046814	2	906.489	-0.27	Ovary	2L:+:4857552-4857575	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_37993	SKLQAEIYELLSQVESISK	AGAP004877-PA	-	57	1.20E-05	1	2165.180	4.43	Larva	2L:+:4856676-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_38226	LLEDVHLESEETAHILK	AGAP004877-PA	-	127	2.47E-12	1	1976.035	0.94	Visceras	2L:+:4855708-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_38289	AQALSAEYGQFR	AGAP004877-PA	-	56	3.23E-05	2	1340.660	0.7	Salivary gland	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_38776	TQLNSQLEEARR	AGAP004877-PA	-	40	0.001419106	1	1444.755	3.18	Malpighian tubule	2L:+:4856928-4856963	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_39038	LEEAEGGAEGQLEINR	AGAP004877-PA	-	96	4.10E-09	2	1714.831	3.66	Visceras	2L:+:4855543-4855575,4855660-4855674	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA
JHU_Ag_39050	LLQEDLESER	AGAP004877-PA	-	76	4.33E-07	1	1231.617	-0.02	Head	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_39084	LSVESISFSK	AGAP004877-PA	-	67	2.18E-06	1	1096.590	1.15	Male reproductive organs	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_39523	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	144	5.46E-14	1	2129.086	-0.78	Head	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_39871	HQEIVSDFNEQLEALTK	AGAP004877-PA	-	96	4.64E-09	1	2001.000	3.86	Malpighian tubule	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_40020	EKADLSVQVIQLSER	AGAP004877-PA	-	125	2.21E-12	1	1714.940	3.73	Visceras	2L:+:4855498-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_40140	LEETIALYDASQR	AGAP004877-PA	-	103	8.55E-10	2	1508.766	4.23	Malpighian tubule	2L:+:4857390-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_40185	TIEKLEVQVTELNIR	AGAP004877-PA	-	113	2.33E-11	1	1785.014	1.46	Pupa	2L:+:4856754-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_40572	TQLNSQLEEARR	AGAP004877-PA	-	40	0.001387769	1	1444.749	-0.79	Male reproductive organs	2L:+:4856928-4856963	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_41227	STVTELTR	AGAP004877-PA	-	54	4.61E-05	2	906.488	-1.48	Pupa	2L:+:4857552-4857575	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_41468	LHEYEVELR	AGAP004877-PA	-	69	2.23E-06	1	1187.607	1.1	Male reproductive organs	2L:+:4857579-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_41525	TQLNSQLEEARR	AGAP004877-PA	N4(Deamidated),Q2(Deamidated)	52	9.90E-05	1	1445.729	-3.92	Head	2L:+:4856928-4856963	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_42954	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation)	120	1.65E-11	1	2104.019	-1.75	Midgut	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_43344	RLHEYEVELR	AGAP004877-PA	-	38	0.002139774	1	1343.710	2.16	Larva	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_44186	LLQEDLESER	AGAP004877-PA	-	76	4.47E-07	1	1231.620	3.15	Larva	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_44612	YEAECMAR	AGAP004877-PA	C5(Carbamidomethyl),M6(Oxidation)	27	0.003085802	1	1045.407	-0.38	Male reproductive organs	2L:+:4857135-4857158	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_44643	LQAEIYELLSQVESISK	AGAP004877-PA	-	96	1.88E-09	1	1950.040	-1.54	Midgut	2L:+:4856682-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_45239	TRLSQENIDLVK	AGAP004877-PA	-	34	0.003593513	1	1415.787	0.94	Male reproductive organs	2L:+:4856844-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_45340	KQTSIEIEQLNAR	AGAP004877-PA	-	81	8.61E-08	2	1529.820	-5.16	Visceras	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_45709	LQNELHESR	AGAP004877-PA	-	65	3.49E-06	1	1125.563	-1.31	Male reproductive organs	2L:+:4857525-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_45740	ITESEEHIESLQAR	AGAP004877-PA	-	92	9.31E-09	1	1641.810	1.48	Ovary	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_46388	AQALSAEYGQFR	AGAP004877-PA	-	82	7.94E-08	2	1340.659	0.06	Visceras	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_46992	DEEIEVIR	AGAP004877-PA	-	67	3.92E-06	1	1002.510	-0.32	Head	2L:+:4857827-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_47689	LSQENIDLVK	AGAP004877-PA	-	52	8.49E-05	2	1158.641	3.78	Larva	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_47874	TRLSQENIDLVK	AGAP004877-PA	-	49	0.000107385	1	1415.792	5	Malpighian tubule	2L:+:4856844-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_48275	LEETIALYDASQR	AGAP004877-PA	-	112	9.87E-11	2	1508.761	1.07	Male reproductive organs	2L:+:4857390-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_48714	LQLEEESEAR	AGAP004877-PA	-	75	5.06E-07	1	1203.589	2.96	Male reproductive organs	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_48901	LTSEIEVLIIDLEK	AGAP004877-PA	-	102	2.76E-10	2	1614.923	1.73	Midgut	2L:+:4857273-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_48991	RIEILEK	AGAP004877-PA	-	35	0.002362316	1	900.551	-0.23	Midgut	2L:+:4857345-4857365	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_49170	ADLSVQVIQLSER	AGAP004877-PA	-	101	9.80E-10	1	1457.802	4.3	Pupa	2L:+:4855504-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_49347	EELTAAYK	AGAP004877-PA	-	54	5.20E-05	1	924.467	-0.83	Head	2L:+:4857624-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_49421	TADFQR	AGAP004877-PA	-	39	0.001560161	1	737.360	3.07	Malpighian tubule	2L:+:4857444-4857461	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_49655	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	125	4.16E-12	1	2129.093	2.54	Visceras	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_49827	KQTSIEIEQLNAR	AGAP004877-PA	-	97	2.40E-09	2	1529.832	2.42	Larva	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_49910	TRLEETIALYDASQR	AGAP004877-PA	-	93	7.14E-09	1	1765.913	2.85	Midgut	2L:+:4857384-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_51899	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation)	123	8.05E-12	1	2104.033	5.06	Larva	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_51975	LLEKDEEIEVIR	AGAP004877-PA	-	88	1.40E-08	1	1485.818	1.55	Pupa	2L:+:4857815-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_52454	RLEEDDR	AGAP004877-PA	-	36	0.003288087	1	932.442	-1.6	Head	2L:+:4856964-4856984	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_52627	TRLEETIALYDASQR	AGAP004877-PA	-	118	2.62E-11	1	1765.909	0.37	Head	2L:+:4857384-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_52743	SSSAVTTKTSK	AGAP004877-PA	N-Term(Acetyl)	61	1.04E-05	1	1138.598	2.33	Malpighian tubule	2L:+:4852050-4852082	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_52806	LQLEEESEAR	AGAP004877-PA	-	51	0.000122001	2	1203.590	4.07	Larva	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_53608	LSVESISFSK	AGAP004877-PA	-	70	0.000001015	1	1096.587	-1.75	Salivary gland	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_54141	LEVQVTELNIR	AGAP004877-PA	Q4(Deamidated)	102	3.87E-10	1	1313.742	-0.03	Head	2L:+:4856766-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_54319	SSSAVTTK	AGAP004877-PA	N-Term(Acetyl)	43	0.000528676	1	822.419	-1.51	Head	2L:+:4852050-4852073	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_54400	RLHEYEVELR	AGAP004877-PA	-	59	1.57E-05	1	1343.704	-1.73	Male reproductive organs	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_54450	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	97	2.39E-09	1	2129.098	4.8	Larva	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_54481	TSKYTYR	AGAP004877-PA	-	41	0.001765498	1	918.470	2.24	Malpighian tubule	2L:+:4852074-4852094	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_55209	SSSAVTTK	AGAP004877-PA	N-Term(Acetyl)	48	0.000172748	1	822.421	0.57	Ovary	2L:+:4852050-4852073	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_55351	LQLEEESEAR	AGAP004877-PA	-	50	0.000132371	2	1203.589	2.76	Malpighian tubule	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_55990	LSHELDKTR	AGAP004877-PA	-	66	2.34E-06	1	1098.588	-1.76	Male reproductive organs	2L:+:4857462-4857488	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_56436	RLHEYEVELR	AGAP004877-PA	-	58	1.97E-05	1	1343.707	-0.06	Ovary	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_56624	LLEDVHLESEETAHILK	AGAP004877-PA	-	94	4.09E-09	1	1976.036	1.09	Pupa	2L:+:4855708-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_57076	LQLEEESEAR	AGAP004877-PA	-	61	1.17E-05	2	1203.585	-0.08	Ovary	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_57137	TRLEETIALYDASQR	AGAP004877-PA	-	112	1.05E-10	1	1765.912	2.3	Malpighian tubule	2L:+:4857384-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_58235	TQLNSQLEEAR	AGAP004877-PA	-	57	2.94E-05	1	1288.650	0.94	Ovary	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_58367	RIEILEK	AGAP004877-PA	-	37	0.001564365	2	900.551	-0.23	Visceras	2L:+:4857345-4857365	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_58465	DEEIEVIR	AGAP004877-PA	-	63	8.56E-06	2	1002.509	-1.37	Midgut	2L:+:4857827-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_58946	RIEILEK	AGAP004877-PA	-	40	0.000824286	2	900.549	-2.13	Male reproductive organs	2L:+:4857345-4857365	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_59381	DNNKLQNELHESR	AGAP004877-PA	-	105	4.73E-10	1	1596.774	0.98	Head	2L:+:4857513-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_59796	LEVQVTELNIR	AGAP004877-PA	-	91	5.42E-09	1	1313.743	0.25	Male reproductive organs	2L:+:4856766-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_60072	TIVDISSHK	AGAP004877-PA	-	60	9.93E-06	1	999.547	-0.35	Visceras	2L:+:4856817-4856843	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_60688	ADLSVQVIQLSER	AGAP004877-PA	-	95	3.32E-09	1	1457.797	0.95	Ovary	2L:+:4855504-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_60897	RSMLESSLHQVETELESIR	AGAP004877-PA	M3(Oxidation)	39	0.002064683	1	2260.117	-2.92	Midgut	2L:+:4856988-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_60962	SSSAVTTK	AGAP004877-PA	N-Term(Acetyl)	43	0.000363504	1	822.423	3.39	Malpighian tubule	2L:+:4852050-4852073	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_61105	LHEYEVELR	AGAP004877-PA	-	75	5.24E-07	1	1187.603	-2.5	Head	2L:+:4857579-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_61177	LENEREELTAAYK	AGAP004877-PA	-	76	4.31E-07	1	1565.783	1.39	Head	2L:+:4857609-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_61674	ITESEEHIESLQAR	AGAP004877-PA	-	112	9.29E-11	1	1641.804	-2.68	Pupa	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_61846	TIVDISSHK	AGAP004877-PA	-	63	4.08E-06	1	999.546	-0.84	Male reproductive organs	2L:+:4856817-4856843	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_62123	TNIEIK	AGAP004877-PA	-	41	0.001407161	2	717.414	-0.33	Head	2L:+:4857366-4857383	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_62424	LLEKDEEIEVIR	AGAP004877-PA	-	100	9.62E-10	1	1485.815	-0.59	Midgut	2L:+:4857815-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA

JHU_Ag_62808	LLEKDEEIEVIR	AGAP004877-PA	-	76	2.32E-07	1	1485.819	2.13	Visceras	2L:+:4857815-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_63147	AQALSAEYGQFR	AGAP004877-PA	Q2(Deamidated)	92	8.99E-09	1	1340.659	-0.49	Head	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_63868	LSQENIDLVK	AGAP004877-PA	-	41	0.001228377	2	1158.634	-2.33	Salivary gland	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_64084	RSMLESSLHQVETELESIR	AGAP004877-PA	M3(Oxidation)	77	3.45E-07	1	2260.123	-0.2	Male reproductive organs	2L:+:4856988-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_64404	YEAECMAR	AGAP004877-PA	C5(Carbamidomethyl)	51	1.56E-05	1	1029.413	-0.34	Head	2L:+:4857135-4857158	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_64765	LLEKDEEIEVIR	AGAP004877-PA	-	87	1.85E-08	1	1485.821	3.69	Head	2L:+:4857815-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_65174	HQEIVSDFNEQLEALTK	AGAP004877-PA	-	121	1.21E-11	1	2001.006	6.97	Midgut	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_65613	AEEVEEIRR	AGAP004877-PA	-	47	0.000312732	1	1130.581	0.68	Pupa	2L:+:4857159-4857185	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_66189	RLHEYEVELR	AGAP004877-PA	-	62	8.26E-06	1	1343.707	0.21	Visceras	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_66547	TRLEETIALYDASQR	AGAP004877-PA	-	98	2.24E-09	1	1765.914	3.27	Visceras	2L:+:4857384-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_66594	TIEKLEVQVTELNIR	AGAP004877-PA	-	125	1.32E-12	1	1785.018	3.38	Ovary	2L:+:4856754-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_66671	LEVQVTELNIR	AGAP004877-PA	-	92	4.28E-09	1	1313.743	0.8	Ovary	2L:+:4856766-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_66679	ITESEEHIESLQAR	AGAP004877-PA	-	103	8.11E-10	1	1641.813	3.26	Malpighian tubule	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_67413	LQLEEESEAR	AGAP004877-PA	-	70	1.37E-06	2	1203.584	-0.69	Visceras	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_67477	LSVESISFSK	AGAP004877-PA	-	67	2.12E-06	1	1096.588	-0.63	Head	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_68031	TQLNSQLEEAR	AGAP004877-PA	-	70	1.78E-06	1	1288.653	3.31	Malpighian tubule	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_68585	LEEAEGGAEGQLEINRK	AGAP004877-PA	-	155	4.64E-15	1	1842.922	1.62	Head	2L:+:4855543-4855575,4855660-4855677	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA
JHU_Ag_68653	KQTSIEIEQLNAR	AGAP004877-PA	-	104	4.34E-10	1	1529.825	-1.81	Pupa	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_68701	SKLQAEIYELLSQVESISK	AGAP004877-PA	-	67	1.28E-06	1	2165.175	2.06	Pupa	2L:+:4856676-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_68807	SKLQAEIYELLSQVESISK	AGAP004877-PA	-	80	6.67E-08	1	2165.169	-0.48	Midgut	2L:+:4856676-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_69098	LLEDVHLESEETAHILK	AGAP004877-PA	-	123	6.33E-12	1	1976.034	0.33	Male reproductive organs	2L:+:4855708-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_69265	KLLEDVHLESEETAHILK	AGAP004877-PA	-	107	1.33E-10	1	2104.133	2.09	Malpighian tubule	2L:+:4855705-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_69629	AEEVEEIRR	AGAP004877-PA	-	65	5.75E-06	1	1130.583	2.84	Malpighian tubule	2L:+:4857159-4857185	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_69810	RAQALSAEYGQFR	AGAP004877-PA	-	86	3.47E-08	1	1496.741	-12.86	Malpighian tubule	2L:+:4857758-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_70412	TIVDISSHK	AGAP004877-PA	-	60	8.87E-06	1	999.546	-1.09	Pupa	2L:+:4856817-4856843	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_71861	LEETIALYDASQR	AGAP004877-PA	-	99	2.32E-09	2	1508.760	0.67	Pupa	2L:+:4857390-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_71888	KLLEDVHLESEETAHILK	AGAP004877-PA	-	30	0.007679 59	1	2104.124	-2.32	Midgut	2L:+:4855705-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_72062	TADFQR	AGAP004877-PA	-	44	0.000355 635	2	737.356	-1.9	Head	2L:+:4857444-4857461	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_72516	DEEIEVIRK	AGAP004877-PA	-	66	4.53E-06	1	1130.615	8.23	Midgut	2L:+:4857827-4857849,4863960-4863963	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_73206	STGGGTADVSIEYSADLSALSR	AGAP004877-PA	-	81	1.26E-07	2	2157.032	0.73	Ovary	2L:+:4852095-4852160	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_73404	HQEIVSDFNEQLEALTK	AGAP004877-PA	-	112	9.82E-11	1	2000.995	1.3	Ovary	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_73707	LSVESISFSK	AGAP004877-PA	-	81	8.89E-08	1	1096.588	-0.08	Pupa	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_74196	HQEIVSDFNEQLEALTK	AGAP004877-PA	-	113	9.75E-11	1	2000.993	0.26	Visceras	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_74995	LEEAEGGAEGQLEINR	AGAP004877-PA	-	136	3.97E-13	2	1714.824	0.03	Pupa	2L:+:4855543-4855575,4855660-4855674	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA
JHU_Ag_75008	AQALSAEYGQFRHDTER	AGAP004877-PA	-	81	1.09E-07	1	1978.943	2.98	Malpighian tubule	2L:+:4857761-4857811	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_75012	LEVQVTELNIR	AGAP004877-PA	-	77	1.27E-07	1	1313.748	4.24	Larva	2L:+:4856766-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_75108	SSSAVTTK	AGAP004877-PA	N-Term(Acetyl)	43	0.000582 651	1	822.420	-0.17	Male reproductive organs	2L:+:4852050-4852073	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_76750	HDTERR	AGAP004877-PA	-	33	0.003929 048	2	813.396	-0.82	Head	2L:+:4857797-4857814	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_76998	ANNGIREYTK	AGAP004877-PA	-	56	3.69E-05	1	1165.599	2.26	Malpighian tubule	2L:+:4857315-4857344	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_77242	STGGGTADVSIEYSADLSALSR	AGAP004877-PA	-	138	2.69E-13	2	2157.029	-0.96	Head	2L:+:4852095-4852160	exon=> In CDS Exon 1 of transcript AGAP004877-PA
JHU_Ag_77389	LENEREELTAAYK	AGAP004877-PA	-	72	1.02E-06	1	1565.780	-0.14	Visceras	2L:+:4857609-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_77411	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation)	77	2.80E-07	1	2104.034	5.41	Malpighian tubule	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_77577	LHEYEVELR	AGAP004877-PA	-	71	1.42E-06	1	1187.603	-2.19	Visceras	2L:+:4857579-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_79559	TQLNSQLEEAR	AGAP004877-PA	-	54	6.96E-05	2	1288.654	3.79	Larva	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_79820	AEEVEEIR	AGAP004877-PA	-	44	0.000565 817	1	974.477	-2.47	Ovary	2L:+:4857159-4857182	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_80005	LHEYEVELR	AGAP004877-PA	-	57	3.48E-05	1	1187.604	-1.16	Midgut	2L:+:4857579-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_80156	LENEREELTAAYK	AGAP004877-PA	-	67	3.66E-06	1	1565.781	0.34	Malpighian tubule	2L:+:4857609-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_80223	LEVQVTELNIR	AGAP004877-PA	Q4(Deamidated)	88	1.16E-08	1	1313.743	0.62	Pupa	2L:+:4856766-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_80345	LTSEIEVLIIDLEK	AGAP004877-PA	-	121	3.81E-12	2	1614.923	1.65	Visceras	2L:+:4857273-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_81012	LSHELDKTR	AGAP004877-PA	-	36	0.001895 893	1	1098.589	-0.99	Midgut	2L:+:4857462-4857488	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_81311	LQNELHESR	AGAP004877-PA	-	65	3.78E-06	1	1125.565	0.1	Pupa	2L:+:4857525-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_82284	LENEREELTAAYK	AGAP004877-PA	-	56	4.40E-05	1	1565.783	1.28	Ovary	2L:+:4857609-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_83019	LTSEIEVLIIDLEK	AGAP004877-PA	-	102	2.71E-10	2	1614.924	2.26	Male reproductive organs	2L:+:4857273-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_83149	LQAEIYELLSQVESISK	AGAP004877-PA	-	123	2.82E-12	1	1950.047	2.1	Ovary	2L:+:4856682-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_83459	RAQALSAEYGQFR	AGAP004877-PA	-	81	1.33E-07	1	1496.761	0.02	Pupa	2L:+:4857758-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_83717	TQLNSQLEEAR	AGAP004877-PA	-	73	7.31E-07	1	1288.648	-1.04	Male reproductive organs	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_83911	LSVESISFSK	AGAP004877-PA	-	38	0.001462994	2	1096.592	2.82	Malpighian tubule	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_84074	LLEDVHLESEETAHILK	AGAP004877-PA	-	100	8.97E-10	1	1976.044	5.17	Malpighian tubule	2L:+:4855708-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_84308	DVELTK	AGAP004877-PA	-	41	0.001773725	1	704.383	1.27	Ovary	2L:+:4855681-4855698	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_85184	KQTSIEIEQLNAR	AGAP004877-PA	-	112	7.63E-11	2	1529.831	1.54	Male reproductive organs	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_86846	SKLQAEIYELLSQVESISK	AGAP004877-PA	-	173	3.53E-17	1	2165.170	-0.05	Head	2L:+:4856676-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_87993	TIVDISSHK	AGAP004877-PA	-	60	8.51E-06	1	999.547	-0.29	Head	2L:+:4856817-4856843	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_88410	LENEREELTAAYK	AGAP004877-PA	-	64	6.24E-06	1	1565.781	0.34	Midgut	2L:+:4857609-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_88542	ADLSVQVIQLSER	AGAP004877-PA	-	94	5.57E-09	2	1457.796	0.37	Male reproductive organs	2L:+:4855504-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_89014	AEEVEEIR	AGAP004877-PA	-	65	4.66E-06	2	974.479	-0.48	Pupa	2L:+:4857159-4857182	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_89158	IEELNR	AGAP004877-PA	-	43	0.000724234	2	773.415	-0.66	Male reproductive organs	2L:+:4856799-4856816	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_89778	LSQENIDLVK	AGAP004877-PA	-	72	8.64E-07	1	1158.638	0.84	Head	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_90897	RIEILEK	AGAP004877-PA	-	40	0.00084738	1	900.550	-1.04	Pupa	2L:+:4857345-4857365	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_91590	AEEVEEIR	AGAP004877-PA	-	38	0.002413661	2	974.478	-0.86	Midgut	2L:+:4857159-4857182	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_91601	DNNKLQNELHESR	AGAP004877-PA	-	93	8.15E-09	1	1596.772	-0.09	Pupa	2L:+:4857513-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_92317	ADLSVQVIQLSERLEEAEGGAEGQLEINR	AGAP004877-PA	-	73	4.39E-07	3	3153.614	3.72	Malpighian tubule	2L:+:4855504-4855575,4855660-4855674	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA
JHU_Ag_92497	EKADLSVQVIQLSER	AGAP004877-PA	-	140	8.09E-14	1	1714.936	1.59	Pupa	2L:+:4855498-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_93351	KLLEDVHLESEETAHILK	AGAP004877-PA	-	75	2.34E-07	1	2104.131	0.93	Visceras	2L:+:4855705-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_93596	LQAEIYELLSQVESISK	AGAP004877-PA	-	127	1.18E-12	1	1950.045	1.16	Head	2L:+:4856682-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_93897	KQTSIEIEQLNAR	AGAP004877-PA	-	105	3.78E-10	2	1529.825	-1.81	Head	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_94677	ITESEEHIESLQAR	AGAP004877-PA	Q12(Deamidated)	123	6.56E-12	2	1641.802	-3.73	Head	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_94976	LEEAEGGAEGQLEINR	AGAP004877-PA	-	165	5.07E-16	1	1714.825	0.25	Male reproductive organs	2L:+:4855543-4855575,4855660-4855674	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA
JHU_Ag_96201	RAQALSAEYGQFR	AGAP004877-PA	-	89	1.89E-08	1	1496.762	1.25	Male reproductive organs	2L:+:4857758-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_96644	DVELTK	AGAP004877-PA	-	51	0.000199474	1	704.384	2.65	Malpighian tubule	2L:+:4855681-4855698	exon=> In CDS Exon 4 of transcript AGAP004877-PA

JHU_Ag_97528	DEEIEVIRK	AGAP004877-PA	-	70	1.87E-06	1	1130.604	-1.48	Head	2L:+:4857827-4857849,4863960-4863963	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_97781	LQLEEESEAR	AGAP004877-PA	-	79	1.64E-07	1	1203.583	-1.91	Head	2L:+:4857045-4857074	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_97823	LSVESISFSK	AGAP004877-PA	-	75	3.20E-07	1	1096.590	1.26	Visceras	2L:+:4856898-4856927	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_98833	DEEIEVIRK	AGAP004877-PA	-	65	4.98E-06	1	1130.610	4.02	Malpighian tubule	2L:+:4857827-4857849,4863960-4863963	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_98974	LLEDVHLESEETAHILKR	AGAP004877-PA	-	56	2.48E-05	1	2132.140	2.62	Ovary	2L:+:4855708-4855761	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_99230	LENEREELTAAYK	AGAP004877-PA	-	36	0.003812148	1	1565.780	-0.44	Male reproductive organs	2L:+:4857609-4857647	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_99537	AQALSAEYGQFR	AGAP004877-PA	-	89	1.66E-08	1	1340.659	-0.4	Male reproductive organs	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_100215	LLEKDEEIEVIR	AGAP004877-PA	-	100	9.20E-10	1	1485.818	1.14	Ovary	2L:+:4857815-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_100436	SKYEAECMAR	AGAP004877-PA	C7(Carbamidomethyl)	35	0.001771715	1	1244.538	-1.4	Ovary	2L:+:4857129-4857158	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_100725	TIVDISSHK	AGAP004877-PA	-	33	0.004950342	2	999.547	0.44	Ovary	2L:+:4856817-4856843	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_101251	LLQEDLESER	AGAP004877-PA	-	77	3.83E-07	1	1231.621	3.64	Malpighian tubule	2L:+:4853180-4853209	exon=> In CDS Exon 2 of transcript AGAP004877-PA
JHU_Ag_101760	RAQALSAEYGQFR	AGAP004877-PA	-	106	3.86E-10	1	1496.761	0.1	Head	2L:+:4857758-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_102252	LSHELDK	AGAP004877-PA	-	46	0.000177927	1	841.437	-5.43	Head	2L:+:4857462-4857482	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_102324	TQLNSQLEEAR	AGAP004877-PA	Q6(Deamidated)	77	3.36E-07	1	1288.646	-2.47	Head	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_102473	AEEVEEIRR	AGAP004877-PA	-	42	0.000976783	1	1130.579	-0.62	Head	2L:+:4857159-4857185	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_102740	LQAEIYELLSQVESISKDK	AGAP004877-PA	-	51	6.16E-05	1	2193.165	0.15	Male reproductive organs	2L:+:4856682-4856738	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_102963	LLEDVHLESEETAHILK	AGAP004877-PA	-	69	1.33E-06	1	1976.042	4.15	Midgut	2L:+:4855708-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_103085	LLEDVHLESEETAHILK	AGAP004877-PA	-	92	7.12E-09	1	1976.035	0.51	Ovary	2L:+:4855708-4855758	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_103317	LSQENIDLVK	AGAP004877-PA	-	81	1.28E-07	2	1158.637	-0.01	Male reproductive organs	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_103543	LTSEIEVLIIDLEK	AGAP004877-PA	-	128	8.53E-13	2	1614.912	-5.3	Head	2L:+:4857273-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_103632	TQLNSQLEEAR	AGAP004877-PA	-	71	1.09E-06	1	1288.648	-1.23	Visceras	2L:+:4856928-4856960	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_103855	LEVQVTELNIR	AGAP004877-PA	-	91	5.17E-09	1	1313.742	0.06	Visceras	2L:+:4856766-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_104823	DNNKLQNELHESR	AGAP004877-PA	-	109	1.74E-10	1	1596.777	3.04	Malpighian tubule	2L:+:4857513-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_104916	KQTSIEIEQLNAR	AGAP004877-PA	-	90	9.76E-09	2	1529.831	2.1	Malpighian tubule	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_105308	LQAEIYELLSQVESISK	AGAP004877-PA	-	125	1.79E-12	1	1950.047	1.84	Pupa	2L:+:4856682-4856732	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_105320	TIEKLEVQVTELNIR	AGAP004877-PA	-	99	5.14E-10	1	1785.013	0.5	Head	2L:+:4856754-4856798	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_105502	LEETIALYDASQR	AGAP004877-PA	-	90	1.75E-08	2	1508.762	1.8	Visceras	2L:+:4857390-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_106146	EQKDQLGR	AGAP004877-PA	-	42	0.000917754	1	973.503	-3.29	Male reproductive organs	2L:+:4857489-4857512	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_106293	LTSEIEVLIIDLEK	AGAP004877-PA	-	72	2.71E-07	2	1614.927	4.07	Ovary	2L:+:4857273-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_107933	KQTSIEIEQLNAR	AGAP004877-PA	-	76	2.59E-07	1	1529.829	0.58	Ovary	2L:+:4863961-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA
JHU_Ag_108546	SKYEAECMAR	AGAP004877-PA	C7(Carbamidomethyl), M8(Oxidation)	55	1.58E-05	1	1260.534	-0.45	Male reproductive organs	2L:+:4857129-4857158	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_108595	AQALSAEYGQFR	AGAP004877-PA	-	87	2.78E-08	2	1340.657	-2.13	Pupa	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_108866	SRLTSEIEVLIIDLEK	AGAP004877-PA	-	76	6.17E-08	1	1858.059	2.82	Head	2L:+:4857267-4857314	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_108945	LEETIALYDASQR	AGAP004877-PA	-	101	1.48E-09	1	1508.763	2.53	Ovary	2L:+:4857390-4857428	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_109120	TADFQR	AGAP004877-PA	-	42	0.000633 87	2	737.357	-1.24	Male reproductive organs	2L:+:4857444-4857461	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_109876	DNNKLQNELHESR	AGAP004877-PA	-	88	2.39E-08	1	1596.773	0.14	Ovary	2L:+:4857513-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_110255	EKADLSVQVIQLSER	AGAP004877-PA	-	131	7.13E-13	1	1714.937	1.95	Head	2L:+:4855498-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_110935	RAQALSAEYGQFR	AGAP004877-PA	-	36	0.004209985	2	1496.764	2.06	Ovary	2L:+:4857758-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_111287	SMLESSLHQVETELESIR	AGAP004877-PA	M2(Oxidation)	120	1.67E-11	1	2104.023	0.34	Ovary	2L:+:4856991-4857044	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_111404	RAQALSAEYGQFR	AGAP004877-PA	-	79	1.95E-07	1	1496.762	0.92	Visceras	2L:+:4857758-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_111557	RIEILEK	AGAP004877-PA	-	36	0.001933473	1	900.552	0.85	Ovary	2L:+:4857345-4857365	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_111895	EKADLSVQVIQLSER	AGAP004877-PA	-	130	8.56E-13	1	1714.934	0.31	Male reproductive organs	2L:+:4855498-4855542	exon=> In CDS Exon 3 of transcript AGAP004877-PA
JHU_Ag_112001	AQALSAEYGQFR	AGAP004877-PA	-	74	4.60E-07	1	1340.664	3.16	Malpighian tubule	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_112406	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	129	1.55E-12	1	2129.088	0.5	Ovary	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_113098	AQALSAEYGQFR	AGAP004877-PA	-	78	1.99E-07	1	1340.660	0.61	Ovary	2L:+:4857761-4857796	exon=> In CDS Exon 6 of transcript AGAP004877-PA
JHU_Ag_113548	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	131	9.86E-13	1	2129.092	2.05	Pupa	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_113614	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	147	2.69E-14	1	2129.085	-1.13	Male reproductive organs	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_113707	LSQENIDLVK	AGAP004877-PA	-	58	2.20E-05	2	1158.637	0.62	Ovary	2L:+:4856850-4856879	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_113723	TNIEIK	AGAP004877-PA	-	49	0.000249083	2	717.414	-0.33	Pupa	2L:+:4857366-4857383	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_113896	DNNKLQNELHESR	AGAP004877-PA	-	40	0.001550076	1	1596.777	3.07	Visceras	2L:+:4857513-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_113988	DEEIEVIR	AGAP004877-PA	-	43	0.000894619	1	1002.508	-1.84	Malpighian tubule	2L:+:4857827-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_114693	LQNELHESR	AGAP004877-PA	Q2(Deamidated)	69	1.17E-06	1	1126.541	-6.84	Head	2L:+:4857525-4857551	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_114723	LHEYEVELR	AGAP004877-PA	-	40	0.001606364	2	1187.606	0.48	Pupa	2L:+:4857579-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA

JHU_Ag_114754	RLHEYEVELR	AGAP004877-PA	-	71	9.87E-07	1	1343.705	-1.24	Head	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_114871	LLEKDEEIEVIR	AGAP004877-PA	-	102	6.55E-10	1	1485.816	-0.26	Male reproductive organs	2L:+:4857815-4857849,4863960-4863960	exon=> In CDS Exon 6 and 7 of transcript AGAP004877-PA
JHU_Ag_115022	TIVDISSHK	AGAP004877-PA	-	46	0.000248018	1	999.555	7.65	Midgut	2L:+:4856817-4856843	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_115035	KHQEIVSDFNEQLEALTK	AGAP004877-PA	-	105	4.14E-10	1	2129.100	5.75	Midgut	2L:+:4855762-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_115372	RLHEYEVELR	AGAP004877-PA	-	52	9.37E-05	1	1343.711	3.12	Malpighian tubule	2L:+:4857576-4857605	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_115430	STVTELTR	AGAP004877-PA	-	42	0.000747834	1	906.487	-1.82	Male reproductive organs	2L:+:4857552-4857575	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_115811	AEEVEEIR	AGAP004877-PA	-	59	1.65E-05	2	974.478	-1.48	Male reproductive organs	2L:+:4857159-4857182	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_116031	LEEAEGGAEGQLEINR	AGAP004877-PA	-	151	1.37E-14	1	1714.829	2.52	Head	2L:+:4855543-4855575,4855660-4855674	exon=> In CDS Exon 3 and 4 of transcript AGAP004877-PA
JHU_Ag_116301	ITESEEHIESLQAR	AGAP004877-PA	-	38	0.002531442	1	1641.815	4.16	Salivary gland	2L:+:4857201-4857242	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_117227	TNIEIK	AGAP004877-PA	-	48	0.000287968	2	717.413	-1.35	Male reproductive organs	2L:+:4857366-4857383	exon=> In CDS Exon 5 of transcript AGAP004877-PA
JHU_Ag_117628	HQEIVSDFNEQLEALTK	AGAP004877-PA	-	135	5.27E-13	1	2000.993	0.26	Pupa	2L:+:4855765-4855815	exon=> In CDS Exon 4 of transcript AGAP004877-PA
JHU_Ag_55979	IEILEK	AGAP004877-PA,AGAP004237-PA	-	43	0.000274258	2	744.449	-1.61	Head	2L:+:4857348-4857365;2R:-:52962339-52962322	exon=> In CDS Exon 5 of transcript AGAP004877-PA;exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_104951	IEILEK	AGAP004877-PA,AGAP004237-PA	-	46	0.000292021	2	744.454	5.03	Male reproductive organs	2L:+:4857348-4857365;2R:-:52962339-52962322	exon=> In CDS Exon 5 of transcript AGAP004877-PA;exon=> In CDS Exon 1 of transcript AGAP004237-PA
JHU_Ag_410	IQSLSGELEEIRINYDSSLR	AGAP004877-PA,AGAP004877-PB	-	83	5.18E-08	1	2322.208	6.24	Malpighian tubule	2L:+:4864234-4864293;2L:+:4864234-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_580	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	90	1.78E-08	1	1273.676	0.77	Ovary	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_1421	IINKLEAR	AGAP004877-PA,AGAP004877-PB	-	43	0.000297438	2	956.586	-2.49	Male reproductive organs	2L:+:4864776-4864799;2L:+:4864776-4864799	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_2045	HAETIKILR	AGAP004877-PA,AGAP004877-PB	-	32	0.000906425	3	1080.655	2.22	Malpighian tubule	2L:+:4864842-4864868;2L:+:4864842-4864868	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_2318	RQVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	96	3.31E-09	1	1517.794	1.47	Visceras	2L:+:4864300-4864338;2L:+:4864300-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_2485	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	Q10(Deamidated)	96	4.68E-09	1	1519.749	-0.77	Pupa	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_3523	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	131	8.59E-13	1	2208.144	1.96	Pupa	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_3882	QTSIEIEQLNAR	AGAP004877-PA,AGAP004877-PB	-	100	1.76E-09	2	1401.734	0.2	Male reproductive organs	2L:+:4863964-4863999;2L:+:4863964-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB

JHU_Ag_4374	KQSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M9(Oxidation)	109	2.33E-10	1	2248.110	3.38	Larva	2L:+:4864135-4864188;2L:+:4864135-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_4690	QVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	115	5.35E-11	2	1361.690	-0.66	Male reproductive organs	2L:+:4864303-4864338;2L:+:4864303-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_5371	LRDIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	74	5.23E-07	1	1515.768	1.89	Midgut	2L:+:4864800-4864835;2L:+:4864800-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_5422	IINKLEAR	AGAP004877-PA,AGAP004877-PB	-	55	1.83E-05	1	956.589	0.38	Ovary	2L:+:4864776-4864799;2L:+:4864776-4864799	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_6907	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	N7(Deamidated)	108	2.39E-10	1	1372.711	3.25	Visceras	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_7613	HRTFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	101	7.09E-10	1	2607.357	1.76	Head	2L:+:4865198-4865266;2L:+:4865198-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_7672	QLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C12(Carbamidomethyl)	105	4.41E-10	1	1793.835	0.99	Pupa	2L:+:4864986-4865000,4865084-4865113;2L:+:4864986-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_8186	QVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	Q1(Deamidated)	116	4.52E-11	2	1361.692	0.78	Head	2L:+:4864303-4864338;2L:+:4864303-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_8314	EVYIQIEEDQK	AGAP004877-PA,AGAP004877-PB	-	73	8.43E-07	2	1393.690	4.13	Visceras	2L:+:4864890-4864922;2L:+:4864890-4864922	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_8768	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	82	1.15E-07	1	1273.680	4.32	Larva	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_9041	LETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	106	4.01E-10	1	2009.006	-0.88	Midgut	2L:+:4864390-4864440;2L:+:4864390-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_10794	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	119	1.45E-11	1	2187.091	1.03	Pupa	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_11046	IEAIKK	AGAP004877-PA,AGAP004877-PB	-	37	0.001313197	1	701.453	-4.46	Head	2L:+:4864606-4864623;2L:+:4864606-4864623	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_11593	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	102	1.10E-09	1	1273.674	-0.47	Pupa	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_13514	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	97	3.12E-09	1	1373.726	-0.66	Male reproductive organs	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_14503	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	-	87	3.48E-08	2	1606.823	2.96	Larva	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_14966	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	Q13(Deamidated),Q8(Deamidated),Q1(Deamidated),Q3(Deamidated)	121	1.23E-11	1	1606.820	0.83	Head	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB

JHU_Ag_15413	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M8(Oxidation)	84	6.38E-08	1	2120.007	-0.45	Midgut	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_16069	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	91	6.40E-09	1	1284.717	0.68	Visceras	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_17637	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	87	1.56E-08	1	1284.718	1.34	Ovary	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_19043	RIQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	79	1.48E-07	1	1529.828	-0.38	Pupa	2L:+:4864231-4864269;2L:+:4864231-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_19141	LRDIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	97	2.67E-09	1	1515.766	0.68	Visceras	2L:+:4864800-4864835;2L:+:4864800-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_19280	EVYIQIEEDQKNIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	54	3.42E-05	1	2659.396	4.89	Visceras	2L:+:4864890-4864955;2L:+:4864890-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_20466	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	103	8.00E-10	1	1373.728	0.32	Head	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_20896	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	53	3.89E-05	2	1284.714	-1.51	Malpighian tubule	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_21040	LETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	109	1.91E-10	1	2009.007	-0.4	Male reproductive organs	2L:+:4864390-4864440;2L:+:4864390-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_22077	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	91	8.61E-09	1	2187.094	2.46	Larva	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_23113	KQSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	-	108	2.55E-10	1	2232.109	0.41	Head	2L:+:4864135-4864188;2L:+:4864135-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_23249	IQVELK	AGAP004877-PA,AGAP004877-PB	-	39	0.001719813	2	729.452	2.34	Malpighian tubule	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB
JHU_Ag_23981	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	79	1.01E-07	2	1634.882	4.36	Larva	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_24526	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	136	2.96E-13	2	2208.144	1.96	Visceras	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_24923	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	Q1(Deamidated),Q3(Deamidated)	124	7.22E-12	2	1606.823	2.81	Pupa	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_25379	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M8(Oxidation)	61	1.34E-05	1	2104.020	3.16	Malpighian tubule	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_25639	LRDIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	100	1.65E-09	1	1515.766	0.36	Male reproductive organs	2L:+:4864800-4864835;2L:+:4864800-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB

JHU_Ag_27780	LQIQITELEMSLDVANHTNIELQK	AGAP004877-PA,AGAP004877-PB	M10(Oxidation)	53	3.62E-05	1	2796.456	3.8	Malpighian tubule	2L:+:4864054-4864125;2L:+:4864054-4864125	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_28774	LETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	57	3.06E-05	2	2009.017	4.65	Malpighian tubule	2L:+:4864390-4864440;2L:+:4864390-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_29726	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M8(Oxidation)	129	1.99E-12	1	2120.013	2.58	Larva	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_30682	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	118	3.05E-11	1	1273.675	0.39	Head	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_30802	QVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	Q1(Deamidated)	115	5.16E-11	2	1361.692	0.78	Pupa	2L:+:4864303-4864338;2L:+:4864303-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_30857	QLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C12(Carbamidomethyl)	109	1.64E-10	1	1793.833	-0.17	Male reproductive organs	2L:+:4864986-4865000,4865084-4865113;2L:+:4864986-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_31323	INYDSSLR	AGAP004877-PA,AGAP004877-PB	-	54	5.07E-05	2	967.484	-0.57	Male reproductive organs	2L:+:4864270-4864293;2L:+:4864270-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_31876	IQVELK	AGAP004877-PA,AGAP004877-PB	-	40	0.001463798	1	729.453	4.03	Larva	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB
JHU_Ag_32668	QLSVRLEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	42	0.000500143	1	1956.059	4.07	Malpighian tubule	2L:+:4864719-4864772;2L:+:4864719-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_33049	KLQIQITELEMSLDVANHTNIELQK	AGAP004877-PA,AGAP004877-PB	M11(Oxidation)	41	0.000426736	1	2924.547	2.53	Head	2L:+:4864051-4864125;2L:+:4864051-4864125	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_34246	IQSLSGELEEIRINYDSSLR	AGAP004877-PA,AGAP004877-PB	-	64	5.48E-06	1	2322.195	0.48	Male reproductive organs	2L:+:4864234-4864293;2L:+:4864234-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_34462	TFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	64	4.61E-06	1	2314.202	4.25	Malpighian tubule	2L:+:4865204-4865266;2L:+:4865204-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_35118	KLQIQITELEMSLDVANHTNIELQK	AGAP004877-PA,AGAP004877-PB	M11(Oxidation)	80	5.60E-08	1	2924.551	3.86	Malpighian tubule	2L:+:4864051-4864125;2L:+:4864051-4864125	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_35614	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	84	5.83E-08	2	1373.727	0.14	Midgut	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_36120	QLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C12(Carbamidomethyl)	108	2.55E-10	1	1793.839	3.3	Malpighian tubule	2L:+:4864986-4865000,4865084-4865113;2L:+:4864986-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB

JHU_Ag_37376	HAETIK	AGAP004877-PA,AGAP004877-PB	-	34	0.002033486	1	698.381	-3.34	Head	2L:+:4864842-4864859;2L:+:4864842-4864859	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_38200	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	73	3.46E-07	1	1284.721	4.29	Larva	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_38690	LETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	97	3.33E-09	2	2009.013	2.71	Visceras	2L:+:4864390-4864440;2L:+:4864390-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_40518	TFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	57	2.23E-05	1	2314.191	-0.66	Male reproductive organs	2L:+:4865204-4865266;2L:+:4865204-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_41252	RQVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	94	5.67E-09	1	1517.789	-1.66	Head	2L:+:4864300-4864338;2L:+:4864300-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_41447	LRDIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	101	1.02E-09	1	1515.768	2.29	Head	2L:+:4864800-4864835;2L:+:4864800-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_41761	RQLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C13(Carbamidomethyl)	84	5.39E-08	1	1949.941	3.48	Malpighian tubule	2L:+:4864983-4865000,4865084-4865113;2L:+:4864983-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_42148	EVYIQIEEDQKNIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	115	3.03E-11	1	2659.388	2.13	Male reproductive organs	2L:+:4864890-4864955;2L:+:4864890-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_43201	SLEVEVK	AGAP004877-PA,AGAP004877-PB	-	45	0.000419437	2	803.450	-1.41	Visceras	2L:+:4864624-4864644;2L:+:4864624-4864644	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_43500	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	Q1(Deamidated),M8(Oxidation),M8(Oxidation)	127	2.93E-12	1	2120.012	1.89	Head	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_44246	INYDSSLR	AGAP004877-PA,AGAP004877-PB	-	46	0.000308427	2	967.487	2.9	Malpighian tubule	2L:+:4864270-4864293;2L:+:4864270-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_44367	HRTFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	56	2.05E-05	1	2607.365	4.71	Malpighian tubule	2L:+:4865198-4865266;2L:+:4865198-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_44450	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	95	5.18E-09	1	1273.678	2.69	Visceras	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_44458	QTSIEIEQLNAR	AGAP004877-PA,AGAP004877-PB	-	101	1.37E-09	2	1401.735	0.98	Ovary	2L:+:4863964-4863999;2L:+:4863964-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_45035	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	119	1.88E-11	1	1372.709	1.65	Male reproductive organs	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_47371	IQVELK	AGAP004877-PA,AGAP004877-PB	-	42	0.000798879	2	729.453	3.26	Ovary	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB

JHU_Ag_48098	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	85	5.83E-08	2	1372.713	4.41	Larva	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_50131	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	69	1.20E-06	1	1634.876	0.63	Salivary gland	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_50300	LETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	103	7.92E-10	2	2009.012	2.04	Ovary	2L:+:4864390-4864440;2L:+:4864390-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_51244	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	131	1.09E-12	1	2187.092	1.28	Visceras	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_51558	ELEAAEDR	AGAP004877-PA,AGAP004877-PB	-	45	0.000356482	1	932.432	-0.15	Male reproductive organs	2L:+:4865132-4865155;2L:+:4865132-4865155	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_51573	DIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	71	8.57E-07	1	1246.583	2.36	Male reproductive organs	2L:+:4864806-4864835;2L:+:4864806-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_52098	QLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	Q1(Deamidated), C12(Carbamidomethyl),"Q5(Deamidated), C12(Carbamidomethyl)","Q10(Deamidated), C12(Carbamidomethyl)","Q11(Deamidated), C12(Carbamidomethyl)",C12(Carbamidomethyl),"Q7(Deamidated), C12(Carbamidomethyl)"	120	1.35E-11	1	1793.836	1.54	Head	2L:+:4864986-4865000,4865084-4865113;2L:+:4864986-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_52284	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	-	107	3.44E-10	1	1606.820	0.83	Ovary	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_53203	TFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	77	2.27E-07	2	2314.200	3.1	Pupa	2L:+:4865204-4865266;2L:+:4865204-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_53795	LRDIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	91	1.13E-08	1	1515.766	0.44	Pupa	2L:+:4864800-4864835;2L:+:4864800-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_54339	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	104	5.55E-10	1	1372.706	-0.3	Pupa	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_55508	IINKLEAR	AGAP004877-PA,AGAP004877-PB	-	48	9.69E-05	1	956.591	2.55	Malpighian tubule	2L:+:4864776-4864799;2L:+:4864776-4864799	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_55599	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	107	3.61E-10	1	1273.677	2.12	Male reproductive organs	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_58037	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	134	5.26E-13	1	2208.142	0.91	Midgut	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_59096	TFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	66	3.24E-06	2	2314.198	2.46	Visceras	2L:+:4865204-4865266;2L:+:4865204-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB

JHU_Ag_59502	QLTEQEQSSQQCVTKVR	AGAP004877-PA,AGAP004877-PB	C12(Carbamidomethyl)	44	0.000645458	1	2049.009	2.98	Malpighian tubule	2L:+:4864986-4865000,4865084-4865119;2L:+:4864986-4865000,4865084-4865119	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_59542	DIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	66	2.52E-06	2	1246.582	2.01	Visceras	2L:+:4864806-4864835;2L:+:4864806-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_60200	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	91	5.37E-09	1	1284.716	0.11	Midgut	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_61505	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	-	96	4.61E-09	1	1519.755	3.24	Larva	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_61794	VVEAETK	AGAP004877-PA,AGAP004877-PB	-	46	0.000669541	1	775.420	0.51	Male reproductive organs	2L:+:4864000-4864020;2L:+:4864000-4864020	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_63473	INYDSSLR	AGAP004877-PA,AGAP004877-PB	-	37	0.002394156	2	967.485	0.44	Midgut	2L:+:4864270-4864293;2L:+:4864270-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_63779	QVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	84	6.89E-08	2	1361.692	1.14	Ovary	2L:+:4864303-4864338;2L:+:4864303-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_64508	QTSIEIEQLNAR	AGAP004877-PA,AGAP004877-PB	-	102	1.12E-09	2	1401.734	0.63	Head	2L:+:4863964-4863999;2L:+:4863964-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_64632	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	-	88	2.86E-08	1	1519.753	1.8	Midgut	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_65587	QTSIEIEQLNAR	AGAP004877-PA,AGAP004877-PB	-	101	1.16E-09	2	1401.734	0.63	Visceras	2L:+:4863964-4863999;2L:+:4863964-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_65726	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	Q10(Deamidated)	92	1.22E-08	1	1519.747	-1.74	Head	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_66520	EVYIQIEEDQK	AGAP004877-PA,AGAP004877-PB	-	71	1.18E-06	2	1393.687	1.94	Pupa	2L:+:4864890-4864922;2L:+:4864890-4864922	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_66641	EVYIQIEEDQK	AGAP004877-PA,AGAP004877-PB	-	88	2.47E-08	1	1393.688	2.55	Male reproductive organs	2L:+:4864890-4864922;2L:+:4864890-4864922	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_67178	IQVELK	AGAP004877-PA,AGAP004877-PB	-	42	0.000289573	2	729.450	-1.18	Pupa	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB
JHU_Ag_67594	DIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	54	4.17E-05	2	1246.581	0.64	Pupa	2L:+:4864806-4864835;2L:+:4864806-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB

JHU_Ag_68155	QLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C12(Carbamidomethyl)	91	1.18E-08	2	1793.835	0.99	Ovary	2L:+:4864986-4865000,4865084-4865113;2L:+:4864986-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_68233	QTSIEIEQLNAR	AGAP004877-PA,AGAP004877-PB	-	101	1.38E-09	2	1401.733	-0.15	Midgut	2L:+:4863964-4863999;2L:+:4863964-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_68289	INYDSSLR	AGAP004877-PA,AGAP004877-PB	-	60	1.06E-05	2	967.483	-1.89	Head	2L:+:4864270-4864293;2L:+:4864270-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_68635	LRDIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	88	2.59E-08	1	1515.766	0.52	Ovary	2L:+:4864800-4864835;2L:+:4864800-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_68685	VVEAETK	AGAP004877-PA,AGAP004877-PB	-	48	0.000287125	2	775.419	-1.09	Head	2L:+:4864000-4864020;2L:+:4864000-4864020	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_68716	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	Q6(Deamidated),Q3(Deamidated)	96	1.90E-09	1	1284.719	2.29	Head	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_68924	ELEAAEDR	AGAP004877-PA,AGAP004877-PB	-	46	0.000295827	2	932.431	-1.08	Head	2L:+:4865132-4865155;2L:+:4865132-4865155	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_69156	EVYIQIEEDQKNIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	107	1.47E-10	1	2659.399	6.26	Pupa	2L:+:4864890-4864955;2L:+:4864890-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_69288	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	65	5.36E-06	2	1273.679	3.46	Salivary gland	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_69367	INYDSSLR	AGAP004877-PA,AGAP004877-PB	-	58	1.95E-05	2	967.487	2.97	Visceras	2L:+:4864270-4864293;2L:+:4864270-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_69573	RQVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	87	2.78E-08	1	1517.793	0.43	Pupa	2L:+:4864300-4864338;2L:+:4864300-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_69602	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	114	4.55E-11	1	2187.092	1.45	Ovary	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_70055	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	N8(Deamidated),N10(Deamidated)	119	1.36E-11	1	1634.875	-0.12	Pupa	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_70628	TFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	98	1.70E-09	1	2314.198	2.43	Head	2L:+:4865204-4865266;2L:+:4865204-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_70856	KQSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M9(Oxidation)	62	1.12E-05	1	2248.101	-0.62	Pupa	2L:+:4864135-4864188;2L:+:4864135-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_71476	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	131	7.40E-13	1	1634.876	0.93	Visceras	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_71561	TFVTTSTVPGSQVYLVQETTR	AGAP004877-PA,AGAP004877-PB	-	77	2.21E-07	2	2314.198	2.36	Ovary	2L:+:4865204-4865266;2L:+:4865204-4865266	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB

JHU_Ag_72449	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	101	1.30E-09	2	1372.709	1.74	Ovary	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_72497	IINKLEAR	AGAP004877-PA,AGAP004877-PB	-	54	2.42E-05	1	956.592	3.13	Larva	2L:+:4864776-4864799;2L:+:4864776-4864799	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_72610	RQVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	87	2.67E-08	1	1517.800	5.09	Male reproductive organs	2L:+:4864300-4864338;2L:+:4864300-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_73199	QVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	81	1.21E-07	2	1361.695	3.38	Visceras	2L:+:4864303-4864338;2L:+:4864303-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_74578	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	102	1.11E-09	1	1273.680	3.94	Malpighian tubule	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_74697	EVYIQIEEDQKNIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	42	0.000583467	3	2659.388	2.2	Midgut	2L:+:4864890-4864955;2L:+:4864890-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_75066	RQVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	74	6.05E-07	1	1517.797	3.16	Malpighian tubule	2L:+:4864300-4864338;2L:+:4864300-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_75485	RIQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	71	8.07E-07	1	1529.833	2.81	Larva	2L:+:4864231-4864269;2L:+:4864231-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_76012	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M8(Oxidation)	111	1.13E-10	1	2104.015	0.99	Pupa	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_76579	KQSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M9(Oxidation)	40	0.001659763	1	2248.110	3.21	Malpighian tubule	2L:+:4864135-4864188;2L:+:4864135-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_76796	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	34	0.005359646	1	2187.091	0.95	Salivary gland	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_76892	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	142	7.75E-14	2	2208.150	4.62	Head	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_77047	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	103	7.61E-10	1	1373.730	2.27	Visceras	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_77557	RIQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	81	7.48E-08	1	1529.829	0.73	Male reproductive organs	2L:+:4864231-4864269;2L:+:4864231-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_77834	QVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	83	9.49E-08	2	1361.690	-0.21	Midgut	2L:+:4864303-4864338;2L:+:4864303-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_78990	QVEVSLEEATTRINELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	67	1.48E-06	1	2977.556	2.76	Malpighian tubule	2L:+:4864303-4864383;2L:+:4864303-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_79103	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	116	2.38E-11	1	1634.876	0.56	Ovary	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_79122	IINKLEAR	AGAP004877-PA,AGAP004877-PB	-	54	2.35E-05	1	956.588	-0.51	Pupa	2L:+:4864776-4864799;2L:+:4864776-4864799	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB

JHU_Ag_79221	DIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	80	1.24E-07	2	1246.585	4.16	Midgut	2L:+:4864806-4864835;2L:+:4864806-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_79265	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	-	109	1.99E-10	1	1606.821	1.9	Visceras	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_79301	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	94	4.92E-09	1	2187.097	3.54	Head	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_81559	RIQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	Q3(Deamidated)	100	9.35E-10	1	1529.823	-3.5	Head	2L:+:4864231-4864269;2L:+:4864231-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_81704	RQLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	Q12(Deamidated),C13(Carbamidomethyl),"Q11(Deamidated),C13(Carbamidomethyl)",C13(Carbamidomethyl)	120	1.47E-11	1	1949.934	-0.24	Head	2L:+:4864983-4865000,4865084-4865113;2L:+:4864983-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_82167	LETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	118	2.43E-11	1	2009.013	2.53	Head	2L:+:4864390-4864440;2L:+:4864390-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_82398	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	40	0.001602107	2	1373.732	3.6	Larva	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_82561	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	64	5.71E-06	2	1372.707	0.05	Salivary gland	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_83805	INYDSSLR	AGAP004877-PA,AGAP004877-PB	-	66	3.28E-06	2	967.484	-0.63	Ovary	2L:+:4864270-4864293;2L:+:4864270-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_83848	DIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	85	3.66E-08	2	1246.582	1.52	Head	2L:+:4864806-4864835;2L:+:4864806-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_85076	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	N8(Deamidated),N10(Deamidated)	112	6.97E-11	1	1634.875	-0.12	Male reproductive organs	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_85197	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	-	86	4.85E-08	2	1519.751	0.43	Visceras	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_85988	SLEVEVK	AGAP004877-PA,AGAP004877-PB	-	54	8.00E-05	2	803.450	-0.88	Male reproductive organs	2L:+:4864624-4864644;2L:+:4864624-4864644	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_87046	LQIQITELEMSLDVANHTNIELQK	AGAP004877-PA,AGAP004877-PB	M10(Oxidation),Q2(Deamidated)	86	2.08E-08	1	2780.460	3.47	Head	2L:+:4864054-4864125;2L:+:4864054-4864125	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_87290	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M8(Oxidation)	82	8.78E-08	1	2104.013	0.06	Visceras	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_87756	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	141	7.81E-14	2	2208.152	5.72	Ovary	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_89313	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	134	4.82E-13	1	2187.089	-0.14	Male reproductive organs	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB

JHU_Ag_89512	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	120	9.00E-12	1	1634.879	2.5	Midgut	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_90804	EVYIQIEEDQK	AGAP004877-PA,AGAP004877-PB	-	60	1.64E-05	2	1393.687	1.85	Ovary	2L:+:4864890-4864922;2L:+:4864890-4864922	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_91012	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	-	61	1.68E-05	1	1519.757	4.93	Malpighian tubule	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_91145	SLEVEVK	AGAP004877-PA,AGAP004877-PB	-	51	0.000127663	1	803.451	-0.43	Pupa	2L:+:4864624-4864644;2L:+:4864624-4864644	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_93577	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	115	3.60E-11	1	2208.149	4.51	Malpighian tubule	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_93714	ELEAAEDR	AGAP004877-PA,AGAP004877-PB	-	42	0.000819328	1	932.436	3.85	Malpighian tubule	2L:+:4865132-4865155;2L:+:4865132-4865155	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_93771	IQVELK	AGAP004877-PA,AGAP004877-PB	-	47	0.000260579	2	729.456	7.53	Male reproductive organs	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB
JHU_Ag_93825	KQSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	-	86	4.34E-08	1	2232.109	0.49	Male reproductive organs	2L:+:4864135-4864188;2L:+:4864135-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_95087	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	-	102	8.57E-10	2	1606.826	4.71	Malpighian tubule	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_95636	RQLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C13(Carbamidomethyl)	49	0.000198547	2	1949.931	-1.68	Male reproductive organs	2L:+:4864983-4865000,4865084-4865113;2L:+:4864983-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_95724	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M8(Oxidation)	85	4.56E-08	1	2104.015	0.99	Ovary	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_96379	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	138	1.73E-13	1	2187.097	3.8	Malpighian tubule	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_96441	IAAYKR	AGAP004877-PA,AGAP004877-PB	-	32	0.003134819	1	721.437	2.25	Malpighian tubule	2L:+:4864968-4864985;2L:+:4864968-4864985	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_96852	QTSIEIEQLNAR	AGAP004877-PA,AGAP004877-PB	-	101	1.43E-09	2	1401.734	0.2	Pupa	2L:+:4863964-4863999;2L:+:4863964-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_97664	ADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	35	0.005747273	2	1273.671	-3.06	Midgut	2L:+:4865156-4865191;2L:+:4865156-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_98105	SLEVEVK	AGAP004877-PA,AGAP004877-PB	-	52	0.000109174	1	803.453	2.84	Larva	2L:+:4864624-4864644;2L:+:4864624-4864644	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB

JHU_Ag_98162	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	-	107	3.32E-10	1	1606.822	1.97	Male reproductive organs	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_98807	IQVELK	AGAP004877-PA,AGAP004877-PB	-	36	0.001155468	2	729.451	0	Visceras	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB
JHU_Ag_98915	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	N7(Deamidated)	126	3.49E-12	1	1372.708	1.03	Head	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_99730	LETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	109	2.01E-10	2	2009.011	1.86	Pupa	2L:+:4864390-4864440;2L:+:4864390-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_99786	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	127	3.15E-12	2	1372.705	-1.1	Midgut	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_100442	RQVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	59	1.65E-05	2	1517.794	1.71	Ovary	2L:+:4864300-4864338;2L:+:4864300-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_100499	IQVELK	AGAP004877-PA,AGAP004877-PB	-	37	0.000884622	2	729.450	-0.17	Midgut	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB
JHU_Ag_100631	IQVELK	AGAP004877-PA,AGAP004877-PB	-	47	9.24E-05	2	729.450	-1.43	Head	2L:+:4864474-4864479,4864549-4864560;2L:+:4864474-4864479,4864549-4864560	exon=> In CDS Exon 7 and 8 of transcript AGAP004877-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004877-PB
JHU_Ag_101924	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	96	2.03E-09	1	1284.716	-0.18	Male reproductive organs	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_102028	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	116	1.98E-11	1	1634.883	5.04	Malpighian tubule	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_103396	INELSVVNANYASLK	AGAP004877-PA,AGAP004877-PB	-	130	9.58E-13	1	1634.875	-0.12	Head	2L:+:4864339-4864383;2L:+:4864339-4864383	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_104424	QLQSTVDQYGIAQR	AGAP004877-PA,AGAP004877-PB	-	124	6.08E-12	2	1606.817	-0.84	Midgut	2L:+:4864189-4864230;2L:+:4864189-4864230	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_105438	LEEVEVNAVAGSR	AGAP004877-PA,AGAP004877-PB	-	110	1.50E-10	2	1372.714	5.39	Malpighian tubule	2L:+:4864734-4864772;2L:+:4864734-4864772	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_105837	QVEVSLEEATTR	AGAP004877-PA,AGAP004877-PB	-	91	1.16E-08	2	1361.695	3.47	Malpighian tubule	2L:+:4864303-4864338;2L:+:4864303-4864338	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_106244	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	58	2.58E-05	2	1373.728	0.67	Salivary gland	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB

JHU_Ag_106690	INYDSSLR	AGAP004877-PA,AGAP004877-PB	-	58	2.06E-05	2	967.483	-1.2	Pupa	2L:+:4864270-4864293;2L:+:4864270-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_106900	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	-	86	5.00E-08	1	1519.749	-0.61	Male reproductive organs	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_107685	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	103	8.11E-10	1	1373.729	1.47	Pupa	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_107970	RQLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C13(Carbamidomethyl)	69	2.03E-06	1	1949.937	1.23	Pupa	2L:+:4864983-4865000,4865084-4865113;2L:+:4864983-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_108619	VSDERYQK	AGAP004877-PA,AGAP004877-PB	-	41	0.001065177	2	1024.511	5.2	Malpighian tubule	2L:+:4864450-4864473;2L:+:4864450-4864473	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_109210	NIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	90	6.82E-09	1	1284.718	1.82	Pupa	2L:+:4864923-4864955;2L:+:4864923-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_109628	ELEAAEDRADVAESNLSLVR	AGAP004877-PA,AGAP004877-PB	-	92	7.28E-09	1	2187.094	2.13	Midgut	2L:+:4865132-4865191;2L:+:4865132-4865191	exon=> In CDS Exon 10 of transcript AGAP004877-PA;exon=> In CDS Exon 5 of transcript AGAP004877-PB
JHU_Ag_109938	IQSLSGELEEIRINYDSSLR	AGAP004877-PA,AGAP004877-PB	-	93	5.66E-09	1	2322.198	2.06	Pupa	2L:+:4864234-4864293;2L:+:4864234-4864293	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_111255	KSLEVEVK	AGAP004877-PA,AGAP004877-PB	-	33	0.005077484	2	931.549	3.37	Larva	2L:+:4864621-4864644;2L:+:4864621-4864644	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_112570	QLTEQEQSSQQCVTK	AGAP004877-PA,AGAP004877-PB	C12(Carbamidomethyl)	108	2.47E-10	1	1793.834	0.45	Visceras	2L:+:4864986-4865000,4865084-4865113;2L:+:4864986-4865000,4865084-4865113	exon=> In CDS Exon 9 and 10 of transcript AGAP004877-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004877-PB
JHU_Ag_112818	RIQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	49	0.000117652	3	1529.830	1.04	Visceras	2L:+:4864231-4864269;2L:+:4864231-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_113133	EVYIQIEEDQK	AGAP004877-PA,AGAP004877-PB	Q5(Deamidated)	85	4.63E-08	1	1393.684	-0.28	Head	2L:+:4864890-4864922;2L:+:4864890-4864922	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_114578	LRDIEVELDEER	AGAP004877-PA,AGAP004877-PB	-	93	7.14E-09	1	1515.771	4.22	Malpighian tubule	2L:+:4864800-4864835;2L:+:4864800-4864835	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_114788	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	109	1.45E-10	2	2208.150	4.84	Larva	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_114861	HTVELLHEEQER	AGAP004877-PA,AGAP004877-PB	-	85	5.72E-08	1	1519.751	0.91	Ovary	2L:+:4864561-4864596;2L:+:4864561-4864596	exon=> In CDS Exon 8 of transcript AGAP004877-PA;exon=> In CDS Exon 3 of transcript AGAP004877-PB
JHU_Ag_114995	QTSIEIEQLNAR	AGAP004877-PA,AGAP004877-PB	-	101	1.28E-09	2	1401.738	3.42	Malpighian tubule	2L:+:4863964-4863999;2L:+:4863964-4863999	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB

JHU_Ag_115179	VVEAETKLK	AGAP004877-PA,AGAP004877-PB	-	38	0.001168998	1	1016.601	1.91	Malpighian tubule	2L:+:4864000-4864026;2L:+:4864000-4864026	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_115265	EVYIQIEEDQK	AGAP004877-PA,AGAP004877-PB	-	63	9.56E-06	2	1393.680	-3.4	Midgut	2L:+:4864890-4864922;2L:+:4864890-4864922	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_115692	RIQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	74	3.89E-07	1	1529.830	1.21	Ovary	2L:+:4864231-4864269;2L:+:4864231-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_115977	EVYIQIEEDQKNIQILQDALEK	AGAP004877-PA,AGAP004877-PB	-	146	2.27E-14	1	2659.388	1.86	Head	2L:+:4864890-4864955;2L:+:4864890-4864955	exon=> In CDS Exon 9 of transcript AGAP004877-PA;exon=> In CDS Exon 4 of transcript AGAP004877-PB
JHU_Ag_116873	QSLQLTEMQAHYEEIQR	AGAP004877-PA,AGAP004877-PB	M8(Oxidation)	134	5.97E-13	1	2120.004	-1.91	Male reproductive organs	2L:+:4864138-4864188;2L:+:4864138-4864188	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_116882	AKLETELQTLAVDYEEVTR	AGAP004877-PA,AGAP004877-PB	-	145	3.44E-14	1	2208.142	1.19	Male reproductive organs	2L:+:4864384-4864440;2L:+:4864384-4864440	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_117010	IQSLSGELEEIR	AGAP004877-PA,AGAP004877-PB	-	86	3.90E-08	2	1373.728	0.85	Ovary	2L:+:4864234-4864269;2L:+:4864234-4864269	exon=> In CDS Exon 7 of transcript AGAP004877-PA;exon=> In CDS Exon 2 of transcript AGAP004877-PB
JHU_Ag_12117	SASAEQSPLPDPR	AGAP004877-PB	-	66	3.04E-06	2	1354.660	0.48	Visceras	2L:+:4860777-4860815	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_23719	TQEFLHDTSK	AGAP004877-PB	-	56	3.13E-05	1	1205.573	-5.55	Head	2L:+:4861485-4861510,4863960-4863963	exon=> In CDS Exon 1 and 2 of transcript AGAP004877-PB
JHU_Ag_31836	THFYGNLK	AGAP004877-PB	-	41	0.001421019	1	979.500	0.57	Visceras	2L:+:4861134-4861157	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_45455	NILLNESR	AGAP004877-PB	-	36	0.003665388	1	958.532	0.58	Visceras	2L:+:4861227-4861250	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_49665	THFYGNLK	AGAP004877-PB	-	35	0.004883832	1	979.499	-0.54	Head	2L:+:4861134-4861157	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_53161	YHTGYFHFRPYSDR	AGAP004877-PB	-	47	0.00025045	1	1845.847	0.99	Visceras	2L:+:4860858-4860899	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_54250	APLFALDNR	AGAP004877-PB	-	54	6.04E-05	1	1016.553	0.6	Visceras	2L:+:4860648-4860674	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_55480	CPYLPYTEER	AGAP004877-PB	C1(Carbamidomethyl)	63	4.44E-06	1	1327.600	1.05	Visceras	2L:+:4860816-4860845	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_66471	AVHTSVDNVR	AGAP004877-PB	-	65	3.01E-06	1	1097.566	-3.75	Head	2L:+:4861428-4861457	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_78385	DSDSDLSPELK	AGAP004877-PB	-	64	4.44E-06	2	1205.556	1.93	Head	2L:+:4861158-4861190	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_84080	STSTVDVSQAAEEASTQYK	AGAP004877-PB	-	117	2.61E-11	1	2001.925	0.21	Visceras	2L:+:4861371-4861427	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_84383	SVLSVTATADAAR	AGAP004877-PB	-	82	8.79E-08	2	1261.677	1.56	Visceras	2L:+:4860978-4861016	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_96003	STSTVDVSQAAEEASTQYK	AGAP004877-PB	-	112	7.94E-11	1	2001.924	-0.28	Head	2L:+:4861371-4861427	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_98773	DSDSDLSPELKK	AGAP004877-PB	-	69	1.97E-06	1	1333.650	1.29	Head	2L:+:4861158-4861193	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_116613	DSDSDLSPELKK	AGAP004877-PB	-	76	4.77E-07	1	1333.649	0.83	Visceras	2L:+:4861158-4861193	exon=> In CDS Exon 1 of transcript AGAP004877-PB
JHU_Ag_4274	LDLVQR	AGAP004880-PB	-	40	0.001307038	2	743.443	2.84	Larva	2L:+:4907718-4907735	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_5397	NGVSHVVK	AGAP004880-PB	-	45	0.000217861	2	839.473	-0.12	Head	2L:+:4908367-4908390	exon=> In CDS Exon 4 of transcript AGAP004880-PB

JHU_Ag_6700	NTYNVHAVSTLVK	AGAP004880-PB	-	67	2.53E-06	2	1445.779	2.85	Larva	2L:+:4908195-4908233	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_13639	VIGSGTNLDSSR	AGAP004880-PB	-	36	0.00524809	2	1205.611	-0.91	Head	2L:+:4907871-4907906	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_14460	NTYNVHAVSTLVK	AGAP004880-PB	-	82	8.29E-08	1	1445.776	1.16	Male reproductive organs	2L:+:4908195-4908233	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_22802	VIGSGTNLDSSR	AGAP004880-PB	-	81	1.58E-07	1	1205.616	3.14	Larva	2L:+:4907871-4907906	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_24042	LAEINPSIGTDADTEK	AGAP004880-PB	-	106	3.79E-10	1	1673.829	3.65	Head	2L:+:4908030-4908077	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_35000	LIVITAGVR	AGAP004880-PB	-	58	3.46E-06	2	941.614	0.22	Pupa	2L:+:4907670-4907696	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_39414	LAEINPSIGTDADTEK	AGAP004880-PB	-	59	1.87E-05	1	1673.822	-0.66	Midgut	2L:+:4908030-4908077	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_41062	LAEINPSIGTDADTEK	AGAP004880-PB	-	47	0.000291144	2	1673.825	1.46	Malpighian tubule	2L:+:4908030-4908077	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_50517	GEHGIDDEVYLSLPCVLGR	AGAP004880-PB	C15(Carbamidomethyl)	46	0.000401698	1	2129.037	1.71	Midgut	2L:+:4908310-4908366	exon=> In CDS Exon 4 of transcript AGAP004880-PB
JHU_Ag_52103	LDLVQR	AGAP004880-PB	-	36	0.00255403	2	743.441	-0.44	Pupa	2L:+:4907718-4907735	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_55128	LAEINPSIGTDADTEKWGDLHHQVVNSAYEVIR	AGAP004880-PB	-	90	8.48E-09	1	3677.829	2.56	Pupa	2L:+:4908030-4908128	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_55885	NTYNVHAVSTLVK	AGAP004880-PB	-	84	5.26E-08	2	1445.778	2	Head	2L:+:4908195-4908233	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_56908	LLTQIAEPMTSSGNK	AGAP004880-PB	M9(Oxidation)	66	4.14E-06	1	1605.816	0.4	Male reproductive organs	2L:+:4905599-4905643	exon=> In CDS Exon 1 of transcript AGAP004880-PB
JHU_Ag_64921	WGDLHHQVVNSAYEVIR	AGAP004880-PB	-	54	5.91E-05	1	2023.025	5.28	Ovary	2L:+:4908078-4908128	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_65591	NTYNVHAVSTLVK	AGAP004880-PB	-	62	8.11E-06	1	1445.774	-0.62	Midgut	2L:+:4908195-4908233	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_66235	WGDLHHQVVNSAYEVIR	AGAP004880-PB	-	89	1.59E-08	1	2023.018	1.66	Pupa	2L:+:4908078-4908128	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_73549	NTYNVHAVSTLVK	AGAP004880-PB	-	78	2.11E-07	1	1445.776	0.74	Pupa	2L:+:4908195-4908233	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_76409	NAHVSAGTDFSVSAGSR	AGAP004880-PB	-	52	9.08E-05	3	1662.784	0.33	Male reproductive organs	2L:+:4905874-4905898,4907644-4907669	exon=> In CDS Exon 2 and 3 of transcript AGAP004880-PB
JHU_Ag_78724	NGVSHVVK	AGAP004880-PB	N1(Deamidated)	44	0.000293971	2	840.458	1.04	Midgut	2L:+:4908367-4908390	exon=> In CDS Exon 4 of transcript AGAP004880-PB
JHU_Ag_82676	LLTQIAEPMTSSGNK	AGAP004880-PB	-	57	2.96E-05	2	1589.822	1.27	Head	2L:+:4905599-4905643	exon=> In CDS Exon 1 of transcript AGAP004880-PB
JHU_Ag_82901	LAEINPSIGTDADTEKWGDLHHQVVNSAYEVIR	AGAP004880-PB	-	87	1.58E-08	1	3677.836	4.55	Male reproductive organs	2L:+:4908030-4908128	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_85766	LGVAPTSCHGWIIGEHGDSSVPVWSGVNVAGVR	AGAP004880-PB	C8(Carbamidomethyl)	115	3.69E-11	1	3400.681	-1.52	Pupa	2L:+:4907931-4908029	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_86670	LAEINPSIGTDADTEK	AGAP004880-PB	-	51	0.000137251	2	1673.829	3.72	Larva	2L:+:4908030-4908077	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_93508	WGDLHHQVVNSAYEVIR	AGAP004880-PB	-	45	0.000455127	1	2023.023	4.28	Malpighian tubule	2L:+:4908078-4908128	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_94056	LAEINPSIGTDADTEK	AGAP004880-PB	N5(Deamidated)	84	6.96E-08	1	1673.826	1.75	Pupa	2L:+:4908030-4908077	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_95941	VIGSGTNLDSSR	AGAP004880-PB	-	91	1.43E-08	1	1205.613	1.11	Pupa	2L:+:4907871-4907906	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_96038	LGVAPTSCHGWIIGEHGDSSVPVWSGVNVAGVR	AGAP004880-PB	C8(Carbamidomethyl)	74	4.78E-07	1	3400.698	3.52	Male reproductive organs	2L:+:4907931-4908029	exon=> In CDS Exon 3 of transcript AGAP004880-PB

JHU_Ag_98699	NTDILK	AGAP004880-PB	-	44	0.001104023	1	703.400	1.54	Malpighian tubule	2L:+:4907736-4907753	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_98785	VIGSGTNLDSSR	AGAP004880-PB	-	85	5.72E-08	1	1205.617	3.74	Male reproductive organs	2L:+:4907871-4907906	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_106933	LIVITAGVR	AGAP004880-PB	-	65	7.28E-07	2	941.615	1.19	Male reproductive organs	2L:+:4907670-4907696	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_115253	LAEINPSIGTDADTEK	AGAP004880-PB	-	52	9.33E-05	1	1673.825	1.46	Male reproductive organs	2L:+:4908030-4908077	exon=> In CDS Exon 3 of transcript AGAP004880-PB
JHU_Ag_116380	LLTQIAEPMTSSGNK	AGAP004880-PB	-	35	0.005080 42	1	1589.819	-0.88	Malpighian tubule	2L:+:4905599-4905643	exon=> In CDS Exon 1 of transcript AGAP004880-PB
JHU_Ag_2982	LSLNGSVISNVPQK	AGAP004881-PA	-	57	1.33E-05	2	1455.820	2.23	Salivary gland	2L:+:4931101-4931142	exon=> In CDS Exon 6 of transcript AGAP004881-PA
JHU_Ag_23042	NLDGQPDYPCR	AGAP004882-PA	C10(Carbamidomethyl)	49	6.04E-05	2	1334.580	0.07	Midgut	2L:-:4936155-4936123	exon=> In CDS Exon 6 of transcript AGAP004882-PA
JHU_Ag_35688	IKFTYEVNWKPSSVK	AGAP004882-PA	-	83	4.44E-08	1	1825.985	-0.07	Midgut	2L:-:4937086-4937042	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_39199	YLDPNFFQHR	AGAP004882-PA	-	57	3.03E-05	1	1336.643	-0.07	Salivary gland	2L:-:4937020-4936991	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_46690	QIVDVTLTPERK	AGAP004882-PA	-	74	2.58E-07	1	1398.794	-0.49	Midgut	2L:-:4937146-4937111	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_50652	DDISPTEICMVDLTEEK	AGAP004882-PA	C9(Carbamidomethyl), M10(Oxidation)	106	2.29E-10	1	2010.890	0.99	Head	2L:-:4944189-4944384,4936859-4937297	exon=> In CDS Exon 3 and 2 of transcript AGAP004882-PA
JHU_Ag_65511	DLGDEYGWK	AGAP004882-PA	-	50	6.98E-05	2	1082.479	-0.14	Salivary gland	2L:-:4936770-4936744	exon=> In CDS Exon 4 of transcript AGAP004882-PA
JHU_Ag_73580	AFIYAVK	AGAP004882-PA	-	45	0.000122193	2	811.471	0.17	Salivary gland	2L:-:4937290-4937270	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_74162	QIVDVTLTPER	AGAP004882-PA	-	43	0.000479212	2	1270.702	1.19	Salivary gland	2L:-:4937146-4937114	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_88845	KFDISYNGK	AGAP004882-PA	-	41	0.000823069	1	1071.549	1.89	Salivary gland	2L:-:4937173-4937147	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_102273	QIVDVTLTPER	AGAP004882-PA	-	50	8.62E-05	2	1270.701	0.99	Midgut	2L:-:4937146-4937114	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_105043	DEEADDMER	AGAP004882-PA	M7(Oxidation)	60	3.94E-07	2	1125.403	2.1	Head	2L:-:4936879-4937346,4936610-4936771	exon=> In CDS Exon 4 and 3 of transcript AGAP004882-PA
JHU_Ag_107238	DLGDEYGWK	AGAP004882-PA	-	55	2.94E-05	1	1082.481	1.62	Midgut	2L:-:4936770-4936744	exon=> In CDS Exon 4 of transcript AGAP004882-PA
JHU_Ag_113148	FTYEVNWKPSSVK	AGAP004882-PA	-	64	5.88E-06	1	1584.802	-2.24	Midgut	2L:-:4937080-4937042	exon=> In CDS Exon 3 of transcript AGAP004882-PA
JHU_Ag_69898	QETYAYFSLPFCVGAK	AGAP004882-PA,AGAP012660-PA	C12(Carbamidomethyl)	38	0.002354662	2	1880.897	4.43	Ovary	2L:-:4944324-4944277;UNKN:-:22711356-22711309	exon=> In CDS Exon 2 of transcript AGAP004882-PA;exon=> In CDS Exon 2 of transcript AGAP012660-PA
JHU_Ag_8507	LHQNNTDSGLRGYAR	AGAP004883-PA	N4(Deamidated)	47	0.000330381	1	1702.828	1.13	Malpighian tubule	2L:+:4939753-4939797	exon=> In CDS Exon 2 of transcript AGAP004883-PA
JHU_Ag_13994	SFAECEK	AGAP004883-PA	C5(Carbamidomethyl)	32	0.001476452	1	870.366	-0.38	Midgut	2L:+:4939603-4939623	exon=> In CDS Exon 2 of transcript AGAP004883-PA
JHU_Ag_45941	NCLSSK	AGAP004883-PA	C2(Carbamidomethyl)	37	0.002992367	1	708.335	1.05	Midgut	2L:+:4939585-4939602	exon=> In CDS Exon 2 of transcript AGAP004883-PA
JHU_Ag_48810	CYQLQVAR	AGAP004883-PA	C1(Carbamidomethyl)	58	2.76E-05	2	1037.514	-5.42	Midgut	2L:+:4939729-4939752	exon=> In CDS Exon 2 of transcript AGAP004883-PA
JHU_Ag_65132	LHQNNTDSGLR	AGAP004883-PA	N4(Deamidated)	52	8.79E-05	2	1255.606	3.1	Midgut	2L:+:4939753-4939785	exon=> In CDS Exon 2 of transcript AGAP004883-PA
JHU_Ag_68782	CYQLQVAR	AGAP004883-PA	C1(Carbamidomethyl)	49	0.000179518	2	1037.520	0.7	Malpighian tubule	2L:+:4939729-4939752	exon=> In CDS Exon 2 of transcript AGAP004883-PA

JHU_Ag_104452	AAIEANAPTPSTSR	AGAP004884-PA	-	46	0.000335 9	2	1385.705	2.17	Malpighian tubule	2L:-:4949100-4949059	exon=> In CDS Exon 8 of transcript AGAP004884-PA
JHU_Ag_21129	NVIEHLNTAQEQQTNGVVYDKKPFR	AGAP004885-PA	-	98	1.55E-09	1	2928.508	4.05	Malpighian tubule	2L:+:4953787-4953861	exon=> In CDS Exon 2 of transcript AGAP004885-PA
JHU_Ag_44095	SGTYWLCNCK	AGAP004885-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	40	0.000337 659	2	1288.545	0.4	Head	2L:+:4954184-4954213	exon=> In CDS Exon 4 of transcript AGAP004885-PA
JHU_Ag_59583	NVIEHLNTAQEQQTNGVVYDK	AGAP004885-PA	-	111	1.19E-10	1	2400.183	1.75	Head	2L:+:4953787-4953849	exon=> In CDS Exon 2 of transcript AGAP004885-PA
JHU_Ag_62310	YSWCLCGR	AGAP004885-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	36	0.000723 019	2	1101.463	2.56	Malpighian tubule	2L:+:4953985-4954008	exon=> In CDS Exon 3 of transcript AGAP004885-PA
JHU_Ag_66516	YSWCLCGR	AGAP004885-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	33	0.001545 788	2	1101.462	1.12	Head	2L:+:4953985-4954008	exon=> In CDS Exon 3 of transcript AGAP004885-PA
JHU_Ag_70823	NVIEHLNTAQEQQTNGVVYDK	AGAP004885-PA	N15(Deamidated)	90	1.52E-08	2	2401.167	1.44	Malpighian tubule	2L:+:4953787-4953849	exon=> In CDS Exon 2 of transcript AGAP004885-PA
JHU_Ag_73687	NVIEHLNTAQEQQTNGVVYDK	AGAP004885-PA	N15(Deamidated),Q12(Deamidated)	124	6.66E-12	1	2400.178	-0.39	Ovary	2L:+:4953787-4953849	exon=> In CDS Exon 2 of transcript AGAP004885-PA
JHU_Ag_74760	SGTYWLCNCK	AGAP004885-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	50	3.36E-05	2	1288.545	0.02	Male reproductive organs	2L:+:4954184-4954213	exon=> In CDS Exon 4 of transcript AGAP004885-PA
JHU_Ag_76467	SGTYWLCNCKQTK	AGAP004885-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	40	0.000989 068	2	1645.748	1.24	Malpighian tubule	2L:+:4954184-4954222	exon=> In CDS Exon 4 of transcript AGAP004885-PA
JHU_Ag_78598	NVIEHLNTAQEQQTNGVVYDK	AGAP004885-PA	-	92	1.12E-08	1	2400.184	1.9	Visceras	2L:+:4953787-4953849	exon=> In CDS Exon 2 of transcript AGAP004885-PA
JHU_Ag_111173	NVIEHLNTAQEQQTNGVVYDK	AGAP004885-PA	-	74	6.89E-07	1	2400.181	0.6	Male reproductive organs	2L:+:4953787-4953849	exon=> In CDS Exon 2 of transcript AGAP004885-PA
JHU_Ag_4097	DNLPMGMGSGAGAPK	AGAP004886-PB,AGAP004886-PA	M5(Oxidation),"M5(Oxidation), M7(Oxidation)",M7(Oxidation)	83	4.07E-08	2	1418.641	0.65	Head	2L:-:4959345-4959301;2L:-:4959345-4959301	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 3 of transcript AGAP004886-PA
JHU_Ag_5203	TNLEHEYIQNFK	AGAP004886-PB,AGAP004886-PA	-	93	8.66E-09	1	1535.756	4.39	Malpighian tubule	2L:-:4961096-4961061;2L:-:4961096-4961061	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_5652	DNLPMGMGSGAGAPK	AGAP004886-PB,AGAP004886-PA	M5(Oxidation), M7(Oxidation)	100	8.78E-10	1	1434.637	1.38	Ovary	2L:-:4959345-4959301;2L:-:4959345-4959301	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 3 of transcript AGAP004886-PA
JHU_Ag_17033	LNFEGLEK	AGAP004886-PB,AGAP004886-PA	-	35	0.005702 489	1	949.497	-2.32	Head	2L:-:4956845-4956822;2L:-:4956845-4956822	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_20334	IGGGVNVNTSK	AGAP004886-PB,AGAP004886-PA	-	49	0.000193 427	2	1045.562	-1.69	Head	2L:-:4956947-4956915;2L:-:4956947-4956915	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_21161	LRDIEILCQDDEQSQSPFVQK	AGAP004886-PB,AGAP004886-PA	C8(Carbamidomethyl)	55	4.55E-05	1	2548.245	4.14	Salivary gland	2L:-:4956797-4956988,4956618-4956645;2L:-:4956797-4956988,4956618-4956645	exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004886-PA
JHU_Ag_24228	GNGVSAVAPPR	AGAP004886-PB,AGAP004886-PA	N2(Deamidated)	50	9.57E-05	2	1025.536	-1.52	Ovary	2L:-:4959300-4959268;2L:-:4959300-4959268	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 3 of transcript AGAP004886-PA

JHU_Ag_27751	KFFDANYDGR	AGAP004886-PB,AGAP004886-PA	-	42	0.000670477	2	1232.573	2.57	Male reproductive organs	2L:-:4959399-4959370;2L:-:4960486-4960457	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_32015	MAIGTTAPR	AGAP004886-PB,AGAP004886-PA	M1(Oxidation)	58	3.05E-05	2	933.484	1.44	Male reproductive organs	2L:-:4959264-4959238;2L:-:4959264-4959238	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 3 of transcript AGAP004886-PA
JHU_Ag_36215	LNFEGLEK	AGAP004886-PB,AGAP004886-PA	-	53	8.31E-05	2	949.499	-0.34	Salivary gland	2L:-:4956845-4956822;2L:-:4956845-4956822	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_38257	LRDIEILCQDDEQSQSPFVQK	AGAP004886-PB,AGAP004886-PA	C8(Carbamidomethyl)	98	2.72E-09	2	2548.240	1.82	Midgut	2L:-:4956797-4956988,4956618-4956645;2L:-:4956797-4956988,4956618-4956645	exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004886-PA
JHU_Ag_38646	IGGGVNVNTSK	AGAP004886-PB,AGAP004886-PA	-	95	4.98E-09	2	1045.562	-1.34	Male reproductive organs	2L:-:4956947-4956915;2L:-:4956947-4956915	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_40523	DNLPMGMGSGAGAPK	AGAP004886-PB,AGAP004886-PA	M5(Oxidation), M7(Oxidation)	59	1.15E-05	2	1434.638	2.14	Malpighian tubule	2L:-:4959345-4959301;2L:-:4959345-4959301	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 3 of transcript AGAP004886-PA
JHU_Ag_43731	FFDANYDGR	AGAP004886-PB,AGAP004886-PA	-	54	1.75E-05	2	1104.474	-0.23	Salivary gland	2L:-:4959396-4959370;2L:-:4960483-4960457	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_46910	MAIGTTAPR	AGAP004886-PB,AGAP004886-PA	-	50	0.000168158	2	917.488	0.44	Malpighian tubule	2L:-:4959264-4959238;2L:-:4959264-4959238	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 3 of transcript AGAP004886-PA
JHU_Ag_48606	AVNVYSTNVTTDNLSR	AGAP004886-PB,AGAP004886-PA	N-Term(Acetyl)	45	0.000468093	2	1795.893	5.91	Salivary gland	2L:-:4961285-4961238;2L:-:4961285-4961238	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_49067	LRDIEILCQDDEQSQSPFVQK	AGAP004886-PB,AGAP004886-PA	C8(Carbamidomethyl)	113	7.09E-11	1	2548.237	0.76	Ovary	2L:-:4956797-4956988,4956618-4956645;2L:-:4956797-4956988,4956618-4956645	exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004886-PA
JHU_Ag_54483	TNLEHEYIQNFK	AGAP004886-PB,AGAP004886-PA	-	92	1.11E-08	1	1535.748	-0.62	Head	2L:-:4961096-4961061;2L:-:4961096-4961061	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_55598	IKPIAPTR	AGAP004886-PB,AGAP004886-PA	-	36	0.000201567	1	895.573	1.05	Male reproductive organs	2L:-:4959231-4959468,4956778-4956975;2L:-:4959231-4959468,4956778-4956975	exon=> In CDS Exon 3 and 2 of transcript AGAP004886-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PA

JHU_Ag_56533	AVNVYSTNVTTDNLSR	AGAP004886-PB,AGAP004886-PA	N-Term(Acetyl)	154	6.38E-15	1	1795.879	-1.84	Ovary	2L:-:4961285-4961238;2L:-:4961285-4961238	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_57468	FFDANYDGR	AGAP004886-PB,AGAP004886-PA	-	62	2.43E-06	2	1104.473	-1	Head	2L:-:4959396-4959370;2L:-:4960483-4960457	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_58012	FFDANYDGR	AGAP004886-PB,AGAP004886-PA	-	66	9.92E-07	2	1104.474	-0.89	Ovary	2L:-:4959396-4959370;2L:-:4960483-4960457	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_61539	MAIGTTAPR	AGAP004886-PB,AGAP004886-PA	M1(Oxidation)	63	8.24E-06	2	933.483	1.05	Ovary	2L:-:4959264-4959238;2L:-:4959264-4959238	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 3 of transcript AGAP004886-PA
JHU_Ag_63073	LRDIEILCQDDEQSQSPFVQK	AGAP004886-PB,AGAP004886-PA	C8(Carbamidomethyl)	80	1.45E-07	1	2548.240	1.84	Head	2L:-:4956797-4956988,4956618-4956645;2L:-:4956797-4956988,4956618-4956645	exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004886-PA
JHU_Ag_64811	LRDIEILCQDDEQSQSPFVQK	AGAP004886-PB,AGAP004886-PA	C8(Carbamidomethyl)	86	3.62E-08	1	2548.233	-0.75	Male reproductive organs	2L:-:4956797-4956988,4956618-4956645;2L:-:4956797-4956988,4956618-4956645	exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004886-PA
JHU_Ag_67435	DIEILCQDDEQSQSPFVQK	AGAP004886-PB,AGAP004886-PA	C6(Carbamidomethyl)	89	1.74E-08	1	2279.057	3.35	Head	2L:-:4956791-4956988,4956618-4956645;2L:-:4956791-4956988,4956618-4956645	exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004886-PA
JHU_Ag_67716	ILQAAFK	AGAP004886-PB,AGAP004886-PA	-	33	0.000990271	1	790.481	-1.18	Head	2L:-:4961060-4961040;2L:-:4961060-4961040	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_75609	AVNVYSTNVTTDNLSR	AGAP004886-PB,AGAP004886-PA	N-Term(Acetyl)	69	1.89E-06	2	1795.890	4.21	Malpighian tubule	2L:-:4961285-4961238;2L:-:4961285-4961238	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_75720	AVNVYSTNVTTDNLSR	AGAP004886-PB,AGAP004886-PA	N-Term(Acetyl)	42	0.000905234	2	1795.886	1.97	Head	2L:-:4961285-4961238;2L:-:4961285-4961238	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_76650	IGGGVNVNTSK	AGAP004886-PB,AGAP004886-PA	-	78	2.62E-07	1	1045.563	-0.29	Ovary	2L:-:4956947-4956915;2L:-:4956947-4956915	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_77088	SSSQNSVTNQQIEELNSQISDMR	AGAP004886-PB,AGAP004886-PA	M22(Oxidation)	183	6.00E-18	1	2611.189	-0.34	Ovary	2L:-:4956914-4956846;2L:-:4956914-4956846	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA

JHU_Ag_80094	FFDANYDGR	AGAP004886-PB,AGAP004886-PA	-	53	2.26E-05	2	1104.475	0.77	Male reproductive organs	2L:-:4959396-4959370;2L:-:4960483-4960457	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_90410	ERDFYFSK	AGAP004886-PB,AGAP004886-PA	-	32	0.007388 84	1	1091.511	-4.7	Head	2L:-:4956821-4956798;2L:-:4956821-4956798	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_90534	TNLEHEYIQNFK	AGAP004886-PB,AGAP004886-PA	-	75	5.68E-07	1	1535.752	1.69	Midgut	2L:-:4961096-4961061;2L:-:4961096-4961061	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_91257	LNFEGLEK	AGAP004886-PB,AGAP004886-PA	-	38	0.002527 693	2	949.500	0.88	Ovary	2L:-:4956845-4956822;2L:-:4956845-4956822	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_93622	TNLEHEYIQNFK	AGAP004886-PB,AGAP004886-PA	-	81	1.36E-07	1	1535.749	0.37	Ovary	2L:-:4961096-4961061;2L:-:4961096-4961061	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_103143	TNLEHEYIQNFK	AGAP004886-PB,AGAP004886-PA	-	74	6.35E-07	1	1535.754	3.52	Salivary gland	2L:-:4961096-4961061;2L:-:4961096-4961061	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_103910	TNLEHEYIQNFK	AGAP004886-PB,AGAP004886-PA	-	84	6.17E-08	1	1535.751	1.45	Male reproductive organs	2L:-:4961096-4961061;2L:-:4961096-4961061	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_106026	AVNVYSTNVTTDNLSR	AGAP004886-PB,AGAP004886-PA	N-Term(Acetyl)	64	5.76E-06	2	1795.886	2.17	Male reproductive organs	2L:-:4961285-4961238;2L:-:4961285-4961238	exon=> In CDS Exon 1 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP004886-PA
JHU_Ag_109336	LRDIEILCQDDEQSQSPFVQK	AGAP004886-PB,AGAP004886-PA	C8(Carbamidomethyl)	93	7.16E-09	1	2548.245	3.85	Malpighian tubule	2L:-:4956797-4956988,4956618-4956645;2L:-:4956797-4956988,4956618-4956645	exon=> In CDS Exon 4 and 3 of transcript AGAP004886-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP004886-PA
JHU_Ag_110625	IGGGVNVNTSK	AGAP004886-PB,AGAP004886-PA	-	67	3.56E-06	2	1045.564	0.41	Malpighian tubule	2L:-:4956947-4956915;2L:-:4956947-4956915	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_112613	IGGGVNVNTSK	AGAP004886-PB,AGAP004886-PA	-	77	3.52E-07	2	1045.567	3.33	Larva	2L:-:4956947-4956915;2L:-:4956947-4956915	exon=> In CDS Exon 3 of transcript AGAP004886-PB;exon=> In CDS Exon 4 of transcript AGAP004886-PA
JHU_Ag_80151	FQDNFEFLQWFK	AGAP004886-PB,AGAP004886-PA,AGAP005829-PA	-	92	8.16E-09	1	1648.782	1.3	Ovary	2L:-:4959435-4959400;2L:-:4960522-4960487;2L:+:22088918-22088953	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 2 of transcript AGAP004886-PA;exon=> In CDS Exon 1 of transcript AGAP005829-PA

JHU_Ag_10309	FQDNFEFLQWFK	AGAP004886-PB,AGAP005829-PA,AGAP004886-PA	-	85	5.06E-08	1	1648.789	5.96	Salivary gland	2L:-:4959435-4959400;2L:+:2208 8918-22088953;2L: :4960522-4960487	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP005829-PA;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_15149	FQDNFEFLQWFK	AGAP004886-PB,AGAP005829-PA,AGAP004886-PA	-	99	1.66E-09	1	1648.782	1.23	Midgut	2L:-:4959435-4959400;2L:+:2208 8918-22088953;2L: :4960522-4960487	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP005829-PA;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_91037	FQDNFEFLQWFK	AGAP004886-PB,AGAP005829-PA,AGAP004886-PA	-	85	4.89E-08	1	1648.786	3.82	Head	2L:-:4959435-4959400;2L:+:2208 8918-22088953;2L: :4960522-4960487	exon=> In CDS Exon 2 of transcript AGAP004886-PB;exon=> In CDS Exon 1 of transcript AGAP005829-PA;exon=> In CDS Exon 2 of transcript AGAP004886-PA
JHU_Ag_5384	IAGFVTHLMK	AGAP004887-PA	M9(Oxidation)	53	5.97E-05	1	1132.619	0.38	Head	2L:-:4970526-4970670,4970167-4970386	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_8725	IVEEVAIIPTKPLR	AGAP004887-PA	-	98	1.07E-10	1	1577.961	-1.02	Midgut	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_13188	IAGFVTHLMK	AGAP004887-PA	M9(Oxidation)	37	0.001965289	1	1132.620	1.79	Visceras	2L:-:4970526-4970670,4970167-4970386	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_17209	IVEEVAIIPTKPLRNK	AGAP004887-PA	-	59	3.81E-07	1	1820.104	2.15	Malpighian tubule	2L:-:4970574-4970527	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_19171	LTMDFDTNKR	AGAP004887-PA	M3(Oxidation)	51	0.000108233	1	1240.600	0.83	Male reproductive organs	2L:-:4970604-4970575	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_19990	DNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	164	6.32E-16	1	2489.193	0.13	Ovary	2L:-:4970319-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_21756	IAGFVTHLMK	AGAP004887-PA	M9(Oxidation)	65	3.44E-06	1	1132.622	3.28	Ovary	2L:-:4970526-4970670,4970167-4970386	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_22982	IVEEVAIIPTKPLR	AGAP004887-PA	-	98	7.28E-11	1	1577.966	2.15	Ovary	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_23223	LTMDFDTNKR	AGAP004887-PA	-	41	0.000917111	1	1240.603	3.29	Visceras	2L:-:4970604-4970575	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_23595	RDNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	57	3.06E-05	1	2645.294	0.1	Head	2L:-:4970322-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_23695	IVEEVAIIPTKPLR	AGAP004887-PA	-	98	9.66E-11	1	1577.961	-1.33	Head	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_25646	DNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	51	0.000126042	2	2489.192	-0.56	Male reproductive organs	2L:-:4970319-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_31349	LTMDFDTNKR	AGAP004887-PA	-	58	2.18E-05	1	1240.599	0.05	Malpighian tubule	2L:-:4970604-4970575	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_33450	LTMDFDTNKR	AGAP004887-PA	M3(Oxidation)	64	6.16E-06	1	1240.598	-0.74	Midgut	2L:-:4970604-4970575	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_34424	RDNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	54	4.99E-05	3	2645.313	7.16	Malpighian tubule	2L:-:4970322-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_37187	IAGFVTHLMKR	AGAP004887-PA	M9(Oxidation)	51	7.97E-05	1	1288.721	1.25	Male reproductive organs	2L:-:4970526-4970670,4970167-4970383	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_37625	LTMDFDTNKR	AGAP004887-PA	M3(Oxidation)	55	3.01E-05	1	1256.595	0.4	Ovary	2L:-:4970604-4970575	exon=> In CDS Exon 2 of transcript AGAP004887-PA

JHU_Ag_37650	IAGFVTHLMKR	AGAP004887-PA	M9(Oxidation)	64	4.91E-06	1	1288.722	2.2	Malpighian tubule	2L:-:4970526-4970670,4970167-4970383	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_41249	HLDFNNIVVQLTNPTAPGYSNRR	AGAP004887-PA	-	54	4.22E-05	1	2626.366	6.76	Malpighian tubule	2L:-:4970241-4970173	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_41714	IVEEVAIIPTKPLR	AGAP004887-PA	-	88	7.80E-10	1	1577.963	0.3	Male reproductive organs	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_42155	HLDFNNIVVQLTNPTAPGYSNR	AGAP004887-PA	N5(Deamidated),N6(Deamidated)	102	7.72E-10	1	2470.254	2.74	Malpighian tubule	2L:-:4970241-4970176	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_42740	VIIEKYYTR	AGAP004887-PA	-	52	5.09E-05	1	1184.669	1.34	Malpighian tubule	2L:-:4970631-4970605	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_44563	LQEEER	AGAP004887-PA	-	36	0.003537989	2	803.392	3.62	Visceras	2L:-:4970346-4970329	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_60878	IAGFVTHLMK	AGAP004887-PA	M9(Oxidation)	79	1.57E-07	1	1116.626	2.52	Malpighian tubule	2L:-:4970526-4970670,4970167-4970386	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_67467	DNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	111	1.32E-10	2	2489.195	0.62	Midgut	2L:-:4970319-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_68248	LQEEER	AGAP004887-PA	-	50	0.000165137	2	803.389	-0.71	Midgut	2L:-:4970346-4970329	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_68654	LTMDFDTNKR	AGAP004887-PA	-	51	0.000114143	1	1240.599	-0.25	Pupa	2L:-:4970604-4970575	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_69289	HLDFNNIVVQLTNPTAPGYSNRR	AGAP004887-PA	N21(Deamidated)	71	9.98E-07	1	2627.331	-0.63	Ovary	2L:-:4970241-4970173	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_72307	DNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	88	2.61E-08	2	2489.188	-2.13	Head	2L:-:4970319-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_74511	IVEEVAIIPTKPLR	AGAP004887-PA	-	79	6.23E-09	1	1577.968	3.55	Larva	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_77493	HLDFNNIVVQLTNPTAPGYSNR	AGAP004887-PA	-	77	2.21E-07	1	2470.259	4.69	Visceras	2L:-:4970241-4970176	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_78964	IVEEVAIIPTKPLR	AGAP004887-PA	-	80	4.72E-09	1	1577.964	0.76	Pupa	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_79516	IVEEVAIIPTKPLR	AGAP004887-PA	-	62	3.21E-07	1	1577.962	-0.68	Salivary gland	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_86565	HLDFNNIVVQLTNPTAPGYSNR	AGAP004887-PA	-	75	3.85E-07	1	2470.254	2.46	Head	2L:-:4970241-4970176	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_87328	IVEEVAIIPTKPLR	AGAP004887-PA	-	92	2.83E-10	1	1577.965	1.38	Malpighian tubule	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_88767	RDNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	90	1.40E-08	2	2645.304	3.61	Midgut	2L:-:4970322-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_92024	IAGFVTHLMK	AGAP004887-PA	M9(Oxidation)	73	6.14E-07	1	1132.618	-0.26	Male reproductive organs	2L:-:4970526-4970670,4970167-4970386	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_96811	IAGFVTHLMK	AGAP004887-PA	M9(Oxidation)	68	1.69E-06	1	1132.618	-0.11	Salivary gland	2L:-:4970526-4970670,4970167-4970386	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_100075	HLDFNNIVVQLTNPTAPGYSNR	AGAP004887-PA	N5(Deamidated),Q10(Deamidated),N6(Deamidated)	133	5.90E-13	1	2470.250	1.16	Ovary	2L:-:4970241-4970176	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_100285	IAGFVTHLMK	AGAP004887-PA	M9(Oxidation)	44	0.000544841	1	1116.625	1.19	Midgut	2L:-:4970526-4970670,4970167-4970386	exon=> In CDS Exon 3 and 2 of transcript AGAP004887-PA
JHU_Ag_100383	DNYVPDVSALEQDIIEVDPETKEMLK	AGAP004887-PA	M24(Oxidation)	42	0.00076051	1	3006.451	0.21	Midgut	2L:-:4970319-4970242	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_101901	HLDFNNIVVQLTNPTAPGYSNR	AGAP004887-PA	-	90	1.23E-08	1	2470.252	1.75	Midgut	2L:-:4970241-4970176	exon=> In CDS Exon 3 of transcript AGAP004887-PA

JHU_Ag_102026	RIVEEVAIIPTKPLR	AGAP004887-PA	-	34	0.000106155	2	1734.065	1.02	Male reproductive organs	2L:-:4970577-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_102452	RDNYVPDVSALEQDIIEVDPETK	AGAP004887-PA	-	121	1.22E-11	1	2645.296	0.72	Ovary	2L:-:4970322-4970254	exon=> In CDS Exon 3 of transcript AGAP004887-PA
JHU_Ag_107620	IVEEVAIIPTKPLR	AGAP004887-PA	-	85	1.58E-09	1	1577.964	0.92	Visceras	2L:-:4970574-4970533	exon=> In CDS Exon 2 of transcript AGAP004887-PA
JHU_Ag_14055	LNEVVK	AGAP004888-PA	-	43	0.000535094	1	701.419	0.26	Male reproductive organs	2L:+:4973046-4973063	exon=> In CDS Exon 2 of transcript AGAP004888-PA
JHU_Ag_64229	LNEVVK	AGAP004888-PA	-	37	0.002240937	1	701.417	-3.31	Head	2L:+:4973046-4973063	exon=> In CDS Exon 2 of transcript AGAP004888-PA
JHU_Ag_73995	LNEVVK	AGAP004888-PA	-	43	0.000509835	1	701.419	0.17	Salivary gland	2L:+:4973046-4973063	exon=> In CDS Exon 2 of transcript AGAP004888-PA
JHU_Ag_76792	LNEVVK	AGAP004888-PA	-	40	0.001203455	1	701.419	-0.61	Ovary	2L:+:4973046-4973063	exon=> In CDS Exon 2 of transcript AGAP004888-PA
JHU_Ag_334	VFSGSSHPDLASR	AGAP004890-PA,AGAP004890-PB	-	89	1.79E-08	1	1359.669	2.6	Malpighian tubule	2L:+:4978423-4978461;2L:+:4978423-4978461	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_2358	NSIIVSPDAGGAK	AGAP004890-PA,AGAP004890-PB	-	37	0.002511336	2	1228.653	-0.31	Pupa	2L:+:4984815-4984853;2L:+:4984815-4984853	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_5074	ANEVASMVLVGDVK	AGAP004890-PA,AGAP004890-PB	-	45	0.000463382	2	1431.754	1.95	Visceras	2L:+:4984920-4984961;2L:+:4984920-4984961	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_10589	IVDRLGIDLGK	AGAP004890-PA,AGAP004890-PB	-	35	0.001270075	1	1198.717	1.16	Malpighian tubule	2L:+:4978462-4978494;2L:+:4978462-4978494	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_14723	ENIAEWR	AGAP004890-PA,AGAP004890-PB	-	42	0.000820602	2	917.449	1.22	Visceras	2L:+:4984794-4984814;2L:+:4984794-4984814	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_25563	LGIDLGK	AGAP004890-PA,AGAP004890-PB	-	43	0.000317509	2	715.434	-1.43	Ovary	2L:+:4978474-4978494;2L:+:4978474-4978494	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_25907	VTAVIPCFPYAR	AGAP004890-PA,AGAP004890-PB	C7(Carbamidomethyl)	62	8.06E-06	1	1393.733	2.32	Visceras	2L:+:4980867-4980902;2L:+:4980867-4980902	exon=> In CDS Exon 3 of transcript AGAP004890-PA;exon=> In CDS Exon 3 of transcript AGAP004890-PB
JHU_Ag_26263	FSNLETCVEIGESVR	AGAP004890-PA,AGAP004890-PB	C7(Carbamidomethyl)	66	3.53E-06	1	1739.824	-1.48	Ovary	2L:+:4978510-4978529,4980737-4980761;2L:+:4978510-4978529,4980737-4980761	exon=> In CDS Exon 2 and 3 of transcript AGAP004890-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004890-PB
JHU_Ag_30296	VAILVDDMADTCGTICHAADK	AGAP004890-PA,AGAP004890-PB	M8(Oxidation), C12(Carbamidomethyl), C16(Carbamidomethyl)	71	8.54E-07	1	2292.027	-1.46	Ovary	2L:+:4984968-4985030;2L:+:4984968-4985030	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_31657	ANEVASMVLVGDVK	AGAP004890-PA,AGAP004890-PB	M7(Oxidation)	89	2.02E-08	2	1447.743	-2.06	Male reproductive organs	2L:+:4984920-4984961;2L:+:4984920-4984961	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_32734	VFSGSSHPDLASR	AGAP004890-PA,AGAP004890-PB	-	87	2.70E-08	1	1359.667	1.43	Head	2L:+:4978423-4978461;2L:+:4978423-4978461	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_36830	RTHNGESVSYLFSNVPY	AGAP004890-PA,AGAP004890-PB	-	47	0.000314317	1	1969.951	5.54	Head	2L:+:4985305-4985355;2L:+:4985305-4985355	exon=> In CDS Exon 7 of transcript AGAP004890-PA;exon=> In CDS Exon 6 of transcript AGAP004890-PB

JHU_Ag_37045	INNACFEAVVVTNTIPQDGHMK	AGAP004890-PA,AGAP004890-PB	C5(Carbamidomethyl), M21(Oxidation)	142	9.54E-14	1	2474.177	-1.32	Ovary	2L:+:4985106-4985171;2L:+:4985106-4985171	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_39759	FSNLETCVEIGESVR	AGAP004890-PA,AGAP004890-PB	C7(Carbamidomethyl)	47	0.000352789	2	1739.837	5.89	Visceras	2L:+:4978510-4978529,4980737-4980761;2L:+:4978510-4978529,4980737-4980761	exon=> In CDS Exon 2 and 3 of transcript AGAP004890-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004890-PB
JHU_Ag_40126	RTHNGESVSYLFSNVPY	AGAP004890-PA,AGAP004890-PB	N4(Deamidated)	51	9.20E-05	1	1970.931	3.36	Ovary	2L:+:4985305-4985355;2L:+:4985305-4985355	exon=> In CDS Exon 7 of transcript AGAP004890-PA;exon=> In CDS Exon 6 of transcript AGAP004890-PB
JHU_Ag_42846	VFSGSSHPDLASR	AGAP004890-PA,AGAP004890-PB	-	79	1.68E-07	2	1359.666	0.72	Ovary	2L:+:4978423-4978461;2L:+:4978423-4978461	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_45442	VTAVIPCFPYAR	AGAP004890-PA,AGAP004890-PB	C7(Carbamidomethyl)	48	0.000201498	2	1393.734	3.02	Salivary gland	2L:+:4980867-4980902;2L:+:4980867-4980902	exon=> In CDS Exon 3 of transcript AGAP004890-PA;exon=> In CDS Exon 3 of transcript AGAP004890-PB
JHU_Ag_48687	VFSGSSHPDLASR	AGAP004890-PA,AGAP004890-PB	-	82	7.58E-08	1	1359.665	-0.09	Midgut	2L:+:4978423-4978461;2L:+:4978423-4978461	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_56439	THNGESVSYLFSNVPY	AGAP004890-PA,AGAP004890-PB	N3(Deamidated)	54	4.99E-05	2	1813.846	3.89	Malpighian tubule	2L:+:4985308-4985355;2L:+:4985308-4985355	exon=> In CDS Exon 7 of transcript AGAP004890-PA;exon=> In CDS Exon 6 of transcript AGAP004890-PB
JHU_Ag_57581	LGIDLGK	AGAP004890-PA,AGAP004890-PB	-	43	0.000282798	2	715.435	0.1	Visceras	2L:+:4978474-4978494;2L:+:4978474-4978494	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_59944	VTAVIPCFPYAR	AGAP004890-PA,AGAP004890-PB	C7(Carbamidomethyl)	78	2.14E-07	1	1393.735	3.63	Malpighian tubule	2L:+:4980867-4980902;2L:+:4980867-4980902	exon=> In CDS Exon 3 of transcript AGAP004890-PA;exon=> In CDS Exon 3 of transcript AGAP004890-PB
JHU_Ag_60796	VYAILTHGIFSGPAISR	AGAP004890-PA,AGAP004890-PB	-	90	3.73E-09	1	1802.010	8	Malpighian tubule	2L:+:4985055-4985105;2L:+:4985055-4985105	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_64342	VFSGSSHPDLASR	AGAP004890-PA,AGAP004890-PB	-	92	8.50E-09	1	1359.667	1.34	Visceras	2L:+:4978423-4978461;2L:+:4978423-4978461	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_65589	VYAILTHGIFSGPAISR	AGAP004890-PA,AGAP004890-PB	-	75	1.71E-07	1	1801.999	1.63	Visceras	2L:+:4985055-4985105;2L:+:4985055-4985105	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_67995	LNVEFALIHK	AGAP004890-PA,AGAP004890-PB	-	56	1.31E-05	1	1183.683	0.02	Visceras	2L:+:4984878-4984907;2L:+:4984878-4984907	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_68146	VTAVIPCFPYAR	AGAP004890-PA,AGAP004890-PB	C7(Carbamidomethyl)	49	0.000149424	2	1393.730	-0.13	Male reproductive organs	2L:+:4980867-4980902;2L:+:4980867-4980902	exon=> In CDS Exon 3 of transcript AGAP004890-PA;exon=> In CDS Exon 3 of transcript AGAP004890-PB
JHU_Ag_68341	LGIDLGK	AGAP004890-PA,AGAP004890-PB	-	43	0.000430616	2	715.435	0.61	Male reproductive organs	2L:+:4978474-4978494;2L:+:4978474-4978494	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_69399	VYAILTHGIFSGPAISR	AGAP004890-PA,AGAP004890-PB	-	95	1.62E-09	1	1802.002	3.53	Male reproductive organs	2L:+:4985055-4985105;2L:+:4985055-4985105	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_70982	VYAILTHGIFSGPAISR	AGAP004890-PA,AGAP004890-PB	-	96	1.36E-09	1	1802.000	2.04	Head	2L:+:4985055-4985105;2L:+:4985055-4985105	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB

JHU_Ag_79189	VTSIADR	AGAP004890-PA,AGAP004890-PB	-	43	0.000928564	2	761.416	0.53	Ovary	2L:+:4984857-4984877;2L:+:4984857-4984877	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_80593	VYAILTHGIFSGPAISR	AGAP004890-PA,AGAP004890-PB	-	55	1.65E-05	3	1802.001	2.64	Salivary gland	2L:+:4985055-4985105;2L:+:4985055-4985105	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_84248	VYAILTHGIFSGPAISR	AGAP004890-PA,AGAP004890-PB	-	116	1.26E-11	1	1801.998	0.89	Ovary	2L:+:4985055-4985105;2L:+:4985055-4985105	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_85297	LVANMLSVAGADHIITMDLHASQIQGFFDIPVDNLYAEPAVLK	AGAP004890-PA,AGAP004890-PB	M5(Oxidation), M17(Oxidation)	128	8.17E-13	1	4669.367	-0.31	Ovary	2L:+:4984573-4984647,4984731-4984784;2L:+:4984573-4984647,4984731-4984784	exon=> In CDS Exon 5 and 6 of transcript AGAP004890-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004890-PB
JHU_Ag_86633	LNVEFALIHK	AGAP004890-PA,AGAP004890-PB	-	39	0.000738578	2	1183.684	0.8	Head	2L:+:4984878-4984907;2L:+:4984878-4984907	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_90605	VTAVIPCFPYAR	AGAP004890-PA,AGAP004890-PB	C7(Carbamidomethyl)	68	1.82E-06	1	1393.730	-0.13	Ovary	2L:+:4980867-4980902;2L:+:4980867-4980902	exon=> In CDS Exon 3 of transcript AGAP004890-PA;exon=> In CDS Exon 3 of transcript AGAP004890-PB
JHU_Ag_93044	LGIDLGK	AGAP004890-PA,AGAP004890-PB	-	37	0.001187833	2	715.435	0.44	Malpighian tubule	2L:+:4978474-4978494;2L:+:4978474-4978494	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_97547	LNVEFALIHK	AGAP004890-PA,AGAP004890-PB	-	45	0.000184245	3	1183.685	1.1	Pupa	2L:+:4984878-4984907;2L:+:4984878-4984907	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_97911	THNGESVSYLFSNVPY	AGAP004890-PA,AGAP004890-PB	-	64	5.64E-06	1	1813.841	1.19	Head	2L:+:4985308-4985355;2L:+:4985308-4985355	exon=> In CDS Exon 7 of transcript AGAP004890-PA;exon=> In CDS Exon 6 of transcript AGAP004890-PB
JHU_Ag_101916	LNVEFALIHK	AGAP004890-PA,AGAP004890-PB	-	59	7.80E-06	1	1183.682	-1.26	Ovary	2L:+:4984878-4984907;2L:+:4984878-4984907	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_104195	ANEVASMVLVGDVK	AGAP004890-PA,AGAP004890-PB	M7(Oxidation)	107	3.14E-10	1	1447.744	-1.22	Ovary	2L:+:4984920-4984961;2L:+:4984920-4984961	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_106868	LGIDLGK	AGAP004890-PA,AGAP004890-PB	-	47	0.000124668	2	715.434	-1.95	Pupa	2L:+:4978474-4978494;2L:+:4978474-4978494	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_109694	NSIIVSPDAGGAKR	AGAP004890-PA,AGAP004890-PB	-	74	3.00E-07	1	1384.756	1.19	Malpighian tubule	2L:+:4984815-4984856;2L:+:4984815-4984856	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_110869	THNGESVSYLFSNVPY	AGAP004890-PA,AGAP004890-PB	-	70	1.24E-06	1	1813.845	3.15	Visceras	2L:+:4985308-4985355;2L:+:4985308-4985355	exon=> In CDS Exon 7 of transcript AGAP004890-PA;exon=> In CDS Exon 6 of transcript AGAP004890-PB
JHU_Ag_111638	THNGESVSYLFSNVPY	AGAP004890-PA,AGAP004890-PB	N3(Deamidated)	90	1.34E-08	1	1813.838	-0.56	Ovary	2L:+:4985308-4985355;2L:+:4985308-4985355	exon=> In CDS Exon 7 of transcript AGAP004890-PA;exon=> In CDS Exon 6 of transcript AGAP004890-PB
JHU_Ag_114759	NSIIVSPDAGGAK	AGAP004890-PA,AGAP004890-PB	-	46	0.000268476	2	1228.655	1.48	Ovary	2L:+:4984815-4984853;2L:+:4984815-4984853	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_115170	ANEVASMVLVGDVK	AGAP004890-PA,AGAP004890-PB	-	104	5.71E-10	2	1431.754	2.21	Head	2L:+:4984920-4984961;2L:+:4984920-4984961	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB

JHU_Ag_117314	VYAILTHGIFSGPAISR	AGAP004890-PA,AGAP004890-PB	-	92	3.06E-09	1	1802.003	4.14	Pupa	2L:+:4985055-4985105;2L:+:4985055-4985105	exon=> In CDS Exon 6 of transcript AGAP004890-PA;exon=> In CDS Exon 5 of transcript AGAP004890-PB
JHU_Ag_117339	VFSGSSHPDLASR	AGAP004890-PA,AGAP004890-PB	-	80	1.18E-07	1	1359.666	0.27	Pupa	2L:+:4978423-4978461;2L:+:4978423-4978461	exon=> In CDS Exon 2 of transcript AGAP004890-PA;exon=> In CDS Exon 2 of transcript AGAP004890-PB
JHU_Ag_21142	FDIPDGDIFIHAGDFTR	AGAP004891-PA	-	48	0.000246328	1	1935.926	1.46	Ovary	2L:-:4988433-4988383	exon=> In CDS Exon 1 of transcript AGAP004891-PA
JHU_Ag_8150	LFENLR	AGAP004892-PA,AGAP006511-PA	-	36	0.003148854	2	791.443	1.97	Ovary	2L:+:5038112-5038129;2L:+:33290817-33290834	exon=> In CDS Exon 24 of transcript AGAP004892-PA;exon=> In CDS Exon 4 of transcript AGAP006511-PA
JHU_Ag_63896	QSPIDLTIAAAVR	AGAP004895-PA	-	41	0.000670031	1	1354.764	-3.69	Head	2L:-:5490373-5490335	exon=> In CDS Exon 3 of transcript AGAP004895-PA
JHU_Ag_3320	IHSNHIYPTQICAAEPGGGK	AGAP004900-PA	C12(Carbamidomethyl)	111	1.14E-10	1	2150.040	-2.2	Midgut	2L:-:5634638-5634579	exon=> In CDS Exon 2 of transcript AGAP004900-PA
JHU_Ag_8950	EFQVGIVSWSIKPCAIAPYPGVLTK	AGAP004900-PA	C14(Carbamidomethyl)	76	1.33E-07	1	2760.479	-0.3	Midgut	2L:-:5634447-5634373	exon=> In CDS Exon 3 of transcript AGAP004900-PA
JHU_Ag_12479	LRKPLVFTDQVQPVR	AGAP004900-PA	-	48	1.74E-05	2	1796.054	0.09	Midgut	2L:-:5634830-5634786	exon=> In CDS Exon 2 of transcript AGAP004900-PA
JHU_Ag_23293	KPLVFTDQVQPVRLPK	AGAP004900-PA	-	83	3.86E-09	1	1865.106	2.71	Midgut	2L:-:5634824-5634777	exon=> In CDS Exon 2 of transcript AGAP004900-PA
JHU_Ag_50950	KPLVFTDQVQPVR	AGAP004900-PA	-	88	7.45E-09	1	1526.869	-0.28	Midgut	2L:-:5634824-5634786	exon=> In CDS Exon 2 of transcript AGAP004900-PA
JHU_Ag_57180	GASGGHSCGGSILNDR	AGAP004900-PA	C8(Carbamidomethyl)	68	1.39E-06	1	1544.686	-0.5	Midgut	2L:-:5635058-5635011	exon=> In CDS Exon 2 of transcript AGAP004900-PA
JHU_Ag_70949	TEDESVYAIEDVVIHPGYNPADSYIDDIALLK	AGAP004900-PA	-	93	6.34E-09	1	3564.719	-2.27	Midgut	2L:-:5634926-5634831	exon=> In CDS Exon 2 of transcript AGAP004900-PA
JHU_Ag_73287	GQCSGDSGGPLIYK	AGAP004900-PA	C3(Carbamidomethyl)	86	3.27E-08	1	1438.663	0.15	Midgut	2L:-:5634578-5635138,5634319-5634448	exon=> In CDS Exon 3 and 2 of transcript AGAP004900-PA
JHU_Ag_100440	WILTAAHCVDYTTPLYQTIQVGR	AGAP004900-PA	C8(Carbamidomethyl)	42	0.000678146	3	2706.370	-0.26	Midgut	2L:-:5635010-5634942	exon=> In CDS Exon 2 of transcript AGAP004900-PA
JHU_Ag_104488	DGDPPPPELVQR	AGAP004902-PA,AGAP004902-PB,AGAP004902-PC	-	51	0.000135378	2	1319.662	2.52	Head	2L:+:5755947-5755953,5756030-5756058;2L:+:5755947-5755953,5756030-5756058;2L:+:5755947-5755953,5756030-5756058	exon=> In CDS Exon 12 and 13 of transcript AGAP004902-PA;exon=> In CDS Exon 12 and 13 of transcript AGAP004902-PB;exon=> In CDS Exon 12 and 13 of transcript AGAP004902-PC
JHU_Ag_14960	VYYGSLTPQIR	AGAP004903-PA	-	59	1.18E-05	1	1296.694	-0.33	Midgut	2L:-:5769577-5769545	exon=> In CDS Exon 1 of transcript AGAP004903-PA
JHU_Ag_35987	IMGYDKPIDFKFEEAR	AGAP004903-PA	M2(Oxidation)	47	0.000435365	1	1974.962	-0.45	Male reproductive organs	2L:-:5769101-5769054	exon=> In CDS Exon 2 of transcript AGAP004903-PA
JHU_Ag_43030	IEDVTVPEVGGLFTTFLVK	AGAP004903-PA	-	81	5.75E-08	2	2064.124	-1.38	Midgut	2L:-:5769215-5769159	exon=> In CDS Exon 2 of transcript AGAP004903-PA
JHU_Ag_104649	AFFVDPQLFPDPTHYIK	AGAP004903-PA	-	37	0.003092554	1	2035.030	-1.41	Midgut	2L:-:5769152-5769102	exon=> In CDS Exon 2 of transcript AGAP004903-PA
JHU_Ag_111413	AFFVDPQLFPDPTHYIK	AGAP004903-PA	-	41	0.001139521	1	2035.036	1.83	Visceras	2L:-:5769152-5769102	exon=> In CDS Exon 2 of transcript AGAP004903-PA
JHU_Ag_440	YETGDEDNFSQATVFYR	AGAP004904-PA	-	134	2.54E-13	1	2041.883	2.65	Larva	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_596	NPAENQLNAYR	AGAP004904-PA	N5(Deamidated),Q6(Deamidated),N8(Deamidated)	83	6.94E-08	1	1289.622	-1.22	Malpighian tubule	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA

JHU_Ag_1184	VVHAK	AGAP004904-PA	-	23	0.005424912	1	553.344	-2.5	Head	2L:+:5779678-5779692	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_1344	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	102	7.77E-10	1	2306.057	1.06	Pupa	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_1359	NPAENQLNAYR	AGAP004904-PA	-	76	3.61E-07	2	1289.619	-3.31	Midgut	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_1804	VWPQNEFPLIPVGR	AGAP004904-PA	-	70	6.53E-07	2	1651.898	1.69	Male reproductive organs	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_1862	LFAYADTHR	AGAP004904-PA	-	61	1.21E-05	1	1093.542	-0.69	Ovary	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_1876	VPYNPFDLTK	AGAP004904-PA	-	65	4.74E-06	1	1193.622	1.45	Salivary gland	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_1979	ANELTATDPDYSIR	AGAP004904-PA	-	91	1.36E-08	1	1565.747	1.44	Pupa	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_2315	NPATHLKDPDMFWDFISLRPETTHQTMFLFSDR	AGAP004904-PA	M11(Oxidation), M27(Oxidation),M27(Oxidation),M11(Oxidation)	93	5.74E-09	1	4009.901	0.11	Malpighian tubule	2L:+:5779972-5780070	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_2499	VWPQNEFPLIPVGR	AGAP004904-PA	-	65	2.18E-06	1	1651.902	3.83	Larva	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_2872	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	76	3.83E-07	1	1309.645	-0.51	Salivary gland	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_3627	VWPQNEFPLIPVGR	AGAP004904-PA	-	68	8.79E-07	1	1651.902	4.13	Salivary gland	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_3645	DLYNAIAK	AGAP004904-PA	-	39	0.001532365	1	907.491	2.84	Head	2L:+:5780251-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_4651	YETGDEDNFSQATVFYRR	AGAP004904-PA	-	71	8.88E-07	1	2197.986	3.6	Head	2L:+:5780764-5780817	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_5746	LQNTPLK	AGAP004904-PA	-	48	7.10E-05	2	813.486	3.21	Salivary gland	2L:+:5780722-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_5960	GPVLLQDVHLIDELAHFDRER	AGAP004904-PA	-	146	1.98E-14	1	2472.303	1.47	Malpighian tubule	2L:+:5779603-5779665	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_6067	DKVTATMSHGAPVGTK	AGAP004904-PA	M7(Oxidation)	96	3.09E-09	1	1599.815	-0.79	Pupa	2L:+:5779528-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_7151	VLDDAGR	AGAP004904-PA	-	49	0.000182999	2	745.384	-0.3	Malpighian tubule	2L:+:5780818-5780838	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_7974	VLDDAGR	AGAP004904-PA	-	38	0.002818801	2	745.384	0.11	Midgut	2L:+:5780818-5780838	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_8084	HRVGANYLMLPVNCPYR	AGAP004904-PA	C14(Carbamidomethyl)	62	7.95E-06	1	2060.038	3	Malpighian tubule	2L:+:5780551-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_8093	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	162	9.23E-16	1	3111.523	5.46	Head	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_9239	ANELTATDPDYSIR	AGAP004904-PA	-	67	3.20E-06	1	1565.751	4.25	Larva	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_9273	VQVMTFEQAEKVPYNPFDLTK	AGAP004904-PA	-	56	3.91E-05	1	2484.256	3.19	Head	2L:+:5780302-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_9985	LINNIVGHLKDASPFLQER	AGAP004904-PA	-	147	9.45E-15	1	2164.192	2.28	Malpighian tubule	2L:+:5780845-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_10314	VGANYLMLPVNCPYR	AGAP004904-PA	M7(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	95	5.07E-09	1	1782.871	2.46	Visceras	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_10319	DPVLFPSFIHTQK	AGAP004904-PA	-	75	4.18E-07	1	1528.815	-0.84	Midgut	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_12635	VGANYLMLPVNCPYR	AGAP004904-PA	M7(Oxidation), C12(Carbamidomethyl)	91	1.12E-08	1	1782.869	1.57	Salivary gland	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_12734	DFPSWTLK	AGAP004904-PA	-	36	0.003639396	1	993.504	0.28	Midgut	2L:+:5780278-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_12923	MVLDRNPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	M1(Oxidation)	35	0.003706772	1	3741.825	0.74	Pupa	2L:+:5780407-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_13927	KDFPSWTLK	AGAP004904-PA	-	44	0.000545682	2	1121.600	0.46	Salivary gland	2L:+:5780275-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_14708	DASPFLQER	AGAP004904-PA	-	53	9.19E-05	1	1062.523	1.29	Salivary gland	2L:+:5780875-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_14882	HLSEGLK	AGAP004904-PA	-	40	0.000446695	2	783.433	-3.27	Head	2L:+:5780944-5780964	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_15370	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	77	1.09E-07	1	1258.552	0	Midgut	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_15577	DASPFLQER	AGAP004904-PA	-	51	0.000149004	2	1062.524	1.98	Male reproductive organs	2L:+:5780875-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_16290	TASETAGPR	AGAP004904-PA	-	55	4.99E-05	1	889.438	0.47	Ovary	2L:+:5779576-5779602	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_16795	YETGDEDNFSQATVFYR	AGAP004904-PA	-	119	8.09E-12	1	2041.881	1.75	Ovary	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_16979	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	145	2.56E-14	1	2187.158	1.17	Salivary gland	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_17339	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	151	6.05E-15	1	2187.160	1.91	Visceras	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_17379	RVLDDAGR	AGAP004904-PA	-	39	0.0018244	1	901.485	0.31	Malpighian tubule	2L:+:5780815-5780838	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_18243	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	78	2.57E-07	1	1309.646	-0.13	Pupa	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_18341	GPVLLQDVHLIDELAHFDRER	AGAP004904-PA	-	126	1.80E-12	1	2472.301	0.67	Male reproductive organs	2L:+:5779603-5779665	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_18744	FSTVGGESGSADTVR	AGAP004904-PA	-	112	7.10E-11	1	1469.688	0.79	Pupa	2L:+:5779798-5779842	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_19038	NPAENQLNAYRDAQK	AGAP004904-PA	-	49	0.000228306	2	1731.852	6.51	Head	2L:+:5772138-5772182	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_19324	MVLDRNPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	M1(Oxidation)	73	5.84E-07	1	3741.838	4.18	Ovary	2L:+:5780407-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_20955	NPATHLKDPDMFWDFISLRPETTHQTMFLFSDR	AGAP004904-PA	M27(Oxidation)	51	9.62E-05	1	4009.928	6.81	Visceras	2L:+:5779972-5780070	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_21355	HLSEGLK	AGAP004904-PA	-	39	0.000428838	2	783.435	-0.94	Malpighian tubule	2L:+:5780944-5780964	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_22249	HLSEGLK	AGAP004904-PA	-	42	0.000326565	2	783.436	-0.31	Midgut	2L:+:5780944-5780964	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_22251	DGPMNCTDNQGGAPNYFPNSFSGPQTCPR	AGAP004904-PA	M4(Oxidation), C6(Carbamidomethyl), C27(Carbamidomethyl)	89	2.39E-09	1	3202.309	1.34	Head	2L:+:5780626-5780712	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_22443	DPVLFPSFIHTQK	AGAP004904-PA	-	73	5.61E-07	1	1528.820	2.36	Visceras	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_22635	ANELTATDPDYSIRDLYNAIAK	AGAP004904-PA	-	60	1.41E-05	1	2454.221	2.52	Ovary	2L:+:5780209-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_23323	LSGDVNRYETGDEDNFSQATVFYR	AGAP004904-PA	-	140	1.02E-13	1	2783.262	2.67	Ovary	2L:+:5780743-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_24411	VWPQNEFPLIPVGR	AGAP004904-PA	-	88	1.17E-08	1	1651.896	0.21	Midgut	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_24719	VWPQNEFPLIPVGR	AGAP004904-PA	-	81	5.12E-08	1	1651.898	1.25	Malpighian tubule	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_24734	DLYNAIAKK	AGAP004904-PA	-	41	0.000664493	1	1035.584	0.18	Head	2L:+:5780251-5780277	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_25312	FSTVGGESGSADTVRDPR	AGAP004904-PA	-	52	7.89E-05	1	1837.865	-1.16	Pupa	2L:+:5779798-5779851	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_25403	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	155	3.80E-15	1	2306.057	1.17	Malpighian tubule	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_25891	DKVTATMSHGAPVGTK	AGAP004904-PA	M7(Oxidation)	84	5.36E-08	1	1615.810	-0.58	Head	2L:+:5779528-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_26192	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	48	0.000236328	2	1325.643	1.68	Larva	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_26577	KDFPSWTLK	AGAP004904-PA	-	43	0.000718346	2	1121.599	-0.3	Male reproductive organs	2L:+:5780275-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_27493	NFAMVDADFGRHLSEGLK	AGAP004904-PA	M4(Oxidation)	64	6.08E-06	1	2022.977	3.11	Malpighian tubule	2L:+:5780911-5780964	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_28648	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	123	5.69E-12	1	2306.061	2.55	Head	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_28671	AHKLQNTPLK	AGAP004904-PA	-	45	0.000123734	1	1149.674	-0.25	Pupa	2L:+:5780713-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_29276	AHKLQNTPLK	AGAP004904-PA	-	60	4.86E-06	1	1149.673	-0.89	Malpighian tubule	2L:+:5780713-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_29660	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	80	5.51E-08	1	1258.554	1.45	Malpighian tubule	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_31101	LINNIVGHLK	AGAP004904-PA	-	47	3.00E-05	1	1120.685	1.36	Ovary	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_31354	RVLDDAGR	AGAP004904-PA	-	45	0.000725695	2	901.486	0.51	Midgut	2L:+:5780815-5780838	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_31616	GPVLLQDVHLIDELAHFDRER	AGAP004904-PA	-	140	8.70E-14	1	2472.299	-0.31	Midgut	2L:+:5779603-5779665	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_32146	LSGDVNRYETGDEDNFSQATVFYR	AGAP004904-PA	-	71	7.58E-07	1	2783.258	1.29	Salivary gland	2L:+:5780743-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_32495	NPAENQLNAYR	AGAP004904-PA	-	64	6.05E-06	2	1289.624	0.29	Visceras	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_32977	KDFPSWTLK	AGAP004904-PA	-	47	0.000230773	1	1121.602	2.63	Ovary	2L:+:5780275-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_33977	KDFPSWTLK	AGAP004904-PA	-	45	0.000457 44	2	1121.599	0.13	Midgut	2L:+:5780275-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_34270	ANELTATDPDYSIRDLYNAIAK	AGAP004904-PA	-	56	2.84E-05	1	2454.229	5.8	Head	2L:+:5780209-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_34563	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	40	0.000667601	1	1258.551	-0.88	Male reproductive organs	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_35089	FSTVGGESGSADTVRDPR	AGAP004904-PA	-	48	0.000241309	1	1837.867	-0.47	Malpighian tubule	2L:+:5779798-5779851	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_35158	VGANYLMLPVNCPYR	AGAP004904-PA	N11(Deamidated), C12(Carbamidomethyl)," M7(Oxidation), C12(Carbamidomethyl)",C12(Carbamidomethyl),"N4(Deamidated), C12(Carbamidomethyl)"	99	1.90E-09	1	1782.867	0.13	Midgut	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_36721	SRNPAENQLNAYR	AGAP004904-PA	N-Term(Acetyl)	88	2.77E-08	1	1574.771	2.54	Malpighian tubule	2L:+:5772132-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_37056	LQNTPLK	AGAP004904-PA	-	39	0.000578428	2	813.489	7.48	Male reproductive organs	2L:+:5780722-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_37912	VTATMSHGAPVGTK	AGAP004904-PA	M5(Oxidation)	87	2.76E-08	1	1372.688	-0.7	Midgut	2L:+:5779534-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_38349	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	131	6.33E-13	1	2187.167	5.11	Larva	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_38645	VQVMTFEQAEKVPYNPFDLTK	AGAP004904-PA	M4(Oxidation)	103	6.60E-10	1	2500.250	2.83	Malpighian tubule	2L:+:5780302-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_38984	DKVTATMSHGAPVGTK	AGAP004904-PA	M7(Oxidation)	119	1.73E-11	1	1615.809	-0.95	Malpighian tubule	2L:+:5779528-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_39092	KDFPSWTLK	AGAP004904-PA	-	48	0.000198238	1	1121.602	2.63	Malpighian tubule	2L:+:5780275-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_39467	ANELTATDPDYSIR	AGAP004904-PA	-	95	5.59E-09	1	1565.742	-1.6	Salivary gland	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_40388	VQVMTFEQAEKVPYNPFDLTK	AGAP004904-PA	M4(Oxidation)	94	5.38E-09	1	2500.251	3.05	Ovary	2L:+:5780302-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_40460	DGPMNCTDNQGGAPNYFPNSFSGPQTCPR	AGAP004904-PA	M4(Oxidation), C6(Carbamidomethyl), C27(Carbamidomethyl)	49	2.29E-05	1	3202.316	3.4	Salivary gland	2L:+:5780626-5780712	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_41176	VQVMTFEQAEK	AGAP004904-PA	-	60	1.59E-05	2	1309.646	-0.04	Visceras	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_42057	VPYNPFDLTK	AGAP004904-PA	-	53	7.67E-05	1	1193.620	-0.08	Pupa	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_42071	DLYNAIAK	AGAP004904-PA	-	55	3.61E-05	1	907.489	0.94	Malpighian tubule	2L:+:5780251-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_42186	KDFPSWTLK	AGAP004904-PA	-	51	9.71E-05	1	1121.599	-0.09	Pupa	2L:+:5780275-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_42664	GPVLLQDVHLIDELAHFDRER	AGAP004904-PA	-	127	1.60E-12	1	2472.304	1.96	Visceras	2L:+:5779603-5779665	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_43521	DPVLFPSFIHTQK	AGAP004904-PA	-	50	0.000126472	1	1528.820	2.95	Larva	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_43607	VQVMTFEQAEKVPYNPFDLTK	AGAP004904-PA	M4(Oxidation)	86	3.78E-08	1	2500.243	0.05	Midgut	2L:+:5780302-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_44156	LQNTPLK	AGAP004904-PA	-	45	0.000191654	2	813.483	0.28	Malpighian tubule	2L:+:5780722-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_44157	ANELTATDPDYSIR	AGAP004904-PA	-	98	2.97E-09	1	1565.744	-0.35	Malpighian tubule	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_44796	NPATHLKDPDMFWDFISLRPETTHQTMFLFSDR	AGAP004904-PA	M11(Oxidation), M27(Oxidation),M27(Oxidation),M11(Oxidation)	107	2.04E-10	1	4025.901	1.35	Midgut	2L:+:5779972-5780070	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_45429	FSTVGGESGSADTVR	AGAP004904-PA	-	107	2.59E-10	1	1469.698	7.35	Salivary gland	2L:+:5779798-5779842	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_46761	FSTVGGESGSADTVRDPR	AGAP004904-PA	-	41	0.001009287	1	1837.866	-0.67	Ovary	2L:+:5779798-5779851	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_46888	LINNIVGHLK	AGAP004904-PA	-	34	0.000582597	3	1120.685	1.2	Visceras	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_47026	VQVMTFEQAEKVPYNPFDLTK	AGAP004904-PA	-	89	1.95E-08	1	2484.246	-0.64	Visceras	2L:+:5780302-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_47033	YETGDEDNFSQATVFYR	AGAP004904-PA	-	147	1.38E-14	1	2041.879	0.97	Head	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_48611	DPVLFPSFIHTQK	AGAP004904-PA	-	84	4.90E-08	1	1528.820	2.41	Malpighian tubule	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_48830	LINNIVGHLK	AGAP004904-PA	-	52	8.44E-06	1	1120.685	1.54	Male reproductive organs	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_49490	LFAYADTHR	AGAP004904-PA	-	67	3.52E-06	1	1093.542	-0.34	Head	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_50419	ANELTATDPDYSIR	AGAP004904-PA	-	81	1.22E-07	1	1565.744	-0.04	Visceras	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_50434	DGPMNCTDNQGGAPNYFPNSFSGPQTCPR	AGAP004904-PA	M4(Oxidation), C6(Carbamidomethyl), C27(Carbamidomethyl)	27	0.003477543	3	3202.306	0.19	Ovary	2L:+:5780626-5780712	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_50437	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	62	4.26E-06	1	1258.555	2.32	Ovary	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_51178	YETGDEDNFSQATVFYRR	AGAP004904-PA	-	74	3.27E-07	1	2197.977	-0.82	Malpighian tubule	2L:+:5780764-5780817	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_52167	DASPFLQER	AGAP004904-PA	-	49	0.000277096	1	1062.522	0.14	Midgut	2L:+:5780875-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_52246	DKVTATMSHGAPVGTK	AGAP004904-PA	M7(Oxidation)	63	7.08E-06	2	1615.818	4.33	Larva	2L:+:5779528-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_53026	VPYNPFDLTK	AGAP004904-PA	-	59	1.70E-05	1	1193.620	-0.18	Male reproductive organs	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_53576	LQNTPLK	AGAP004904-PA	-	49	7.04E-05	1	813.484	0.97	Ovary	2L:+:5780722-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_53578	FYTDDGVWDMVGNNTPIFFIR	AGAP004904-PA	M10(Oxidation)	89	1.63E-08	2	2523.168	1.18	Midgut	2L:+:5779867-5779929	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_54140	GPVLLQDVHLIDELAHFDRER	AGAP004904-PA	-	127	1.71E-12	1	2472.303	1.37	Salivary gland	2L:+:5779603-5779665	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_55235	VTATMSHGAPVGTK	AGAP004904-PA	-	75	3.63E-07	1	1356.696	1.21	Head	2L:+:5779534-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_55260	LFAYADTHR	AGAP004904-PA	-	49	0.000201247	2	1093.546	3.22	Midgut	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_56233	LVNADGKPVYCK	AGAP004904-PA	C11(Carbamidomethyl)	89	2.04E-08	1	1363.706	1.61	Head	2L:+:5780125-5780160	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_56236	DASPFLQER	AGAP004904-PA	-	63	1.00E-05	1	1062.520	-1.01	Malpighian tubule	2L:+:5780875-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_56642	VPYNPFDLTK	AGAP004904-PA	-	39	0.001996587	2	1193.620	-0.29	Visceras	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_57161	VGANYLMLPVNCPYR	AGAP004904-PA	M7(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	75	5.26E-07	2	1782.870	1.98	Pupa	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_57804	SRNPAENQLNAYR	AGAP004904-PA	N-Term(Acetyl)	92	9.63E-09	1	1574.763	-2.66	Pupa	2L:+:5772132-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_58099	TASETAGPR	AGAP004904-PA	-	49	0.000177146	2	889.438	0.47	Malpighian tubule	2L:+:5779576-5779602	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_58227	YETGDEDNFSQATVFYR	AGAP004904-PA	-	113	3.47E-11	1	2041.881	1.63	Midgut	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_58451	VTATMSHGAPVGTK	AGAP004904-PA	M5(Oxidation)	78	2.40E-07	1	1372.689	0.01	Pupa	2L:+:5779534-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_58581	DGPMNCTDNQGGAPNYFPNSFSGPQTCPR	AGAP004904-PA	M4(Oxidation), C6(Carbamidomethyl), C27(Carbamidomethyl)	51	1.33E-05	1	3202.304	-0.26	Midgut	2L:+:5780626-5780712	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_58803	FMNGYGSHTYK	AGAP004904-PA	M2(Oxidation),"M2(Oxidation), N3(Deamidated)",N3(Deamidated)	84	1.41E-08	1	1321.551	-0.64	Midgut	2L:+:5780092-5780124	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_59094	LINNIVGHLK	AGAP004904-PA	N3(Deamidated)	61	1.27E-06	2	1120.684	0.56	Malpighian tubule	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_59131	FSTVGGESGSADTVR	AGAP004904-PA	-	101	9.31E-10	1	1469.688	0.62	Ovary	2L:+:5779798-5779842	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_59217	YETGDEDNFSQATVFYR	AGAP004904-PA	-	133	3.48E-13	1	2041.879	0.56	Visceras	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_59762	NPATHLKDPDMFWDFISLRPETTHQTMFLFSDR	AGAP004904-PA	M11(Oxidation), M27(Oxidation)	73	5.49E-07	1	4025.921	6.55	Larva	2L:+:5779972-5780070	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_59826	VWPQNEFPLIPVGR	AGAP004904-PA	-	73	3.21E-07	1	1651.900	2.87	Visceras	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_60071	LVNADGKPVYCK	AGAP004904-PA	C11(Carbamidomethyl)	93	8.03E-09	1	1363.703	-0.63	Malpighian tubule	2L:+:5780125-5780160	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_60829	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	62	4.01E-06	1	1258.553	0.29	Pupa	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_61259	LQNTPLK	AGAP004904-PA	-	49	6.96E-05	1	813.483	-0.3	Midgut	2L:+:5780722-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_61573	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	144	4.94E-14	1	3111.520	4.4	Larva	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_61690	DLYNAIAK	AGAP004904-PA	-	50	9.98E-05	2	907.488	0	Midgut	2L:+:5780251-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_61695	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	112	7.54E-11	1	2306.061	2.72	Visceras	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_63074	FSTVGGESGSADTVR	AGAP004904-PA	-	131	1.02E-12	1	1469.687	-0.12	Midgut	2L:+:5779798-5779842	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_63674	FSTVGGESGSADTVR	AGAP004904-PA	-	130	1.13E-12	1	1469.688	1.04	Malpighian tubule	2L:+:5779798-5779842	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_64585	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	188	2.00E-18	1	3111.505	-0.31	Salivary gland	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_64992	DLYNAIAK	AGAP004904-PA	-	37	0.002318742	2	907.489	0.33	Ovary	2L:+:5780251-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_65192	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	59	1.54E-05	1	2306.057	0.9	Male reproductive organs	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_65258	DPVLFPSFIHTQK	AGAP004904-PA	-	65	4.25E-06	1	1528.819	1.72	Salivary gland	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_65293	VQVMTFEQAEKVPYNPFDLTK	AGAP004904-PA	M4(Oxidation)	85	4.76E-08	1	2500.247	1.74	Pupa	2L:+:5780302-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_65299	FMNGYGSHTYK	AGAP004904-PA	M2(Oxidation)	77	1.18E-07	1	1320.564	-2.85	Head	2L:+:5780092-5780124	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_65796	LINNIVGHLK	AGAP004904-PA	-	55	4.66E-06	2	1120.685	1.1	Salivary gland	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_65821	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	67	1.97E-06	2	1242.557	-0.46	Salivary gland	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_65972	LFAYADTHR	AGAP004904-PA	-	45	0.000540613	2	1093.541	-1.14	Male reproductive organs	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_66884	MVLDRNPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	M1(Oxidation)	83	5.85E-08	1	3741.831	2.3	Malpighian tubule	2L:+:5780407-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_67101	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	77	3.11E-07	2	1325.641	0.02	Midgut	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_67138	KDFPSWTLK	AGAP004904-PA	-	52	7.77E-05	1	1121.602	2.85	Head	2L:+:5780275-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_67944	LSGDVNRYETGDEDNFSQATVFYR	AGAP004904-PA	-	132	6.51E-13	1	2783.258	1.22	Midgut	2L:+:5780743-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_68572	LINNIVGHLKDASPFLQER	AGAP004904-PA	-	120	4.33E-12	1	2164.196	3.89	Ovary	2L:+:5780845-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_70878	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	166	3.49E-16	1	3111.510	1.22	Visceras	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_71349	FSTVGGESGSADTVRDPR	AGAP004904-PA	-	53	6.70E-05	1	1837.868	0.33	Head	2L:+:5779798-5779851	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_71369	VPYNPFDLTK	AGAP004904-PA	-	65	4.87E-06	1	1193.622	1.96	Malpighian tubule	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_71767	RNPATHLK	AGAP004904-PA	-	29	0.00471295	1	936.540	3.05	Head	2L:+:5779969-5779992	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_72206	DASPFLQER	AGAP004904-PA	-	39	0.00218594	1	1062.523	1.82	Head	2L:+:5780875-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_72946	VWPQNEFPLIPVGR	AGAP004904-PA	-	73	3.47E-07	1	1651.899	2.06	Pupa	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_73364	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	145	2.66E-14	1	2187.157	0.61	Pupa	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_73888	VWPQNEFPLIPVGR	AGAP004904-PA	-	89	9.32E-09	1	1651.901	3.17	Ovary	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_75229	FSTVGGESGSADTVRDPR	AGAP004904-PA	-	50	0.000145403	1	1837.867	-0.27	Visceras	2L:+:5779798-5779851	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_75312	ANELTATDPDYSIRDLYNAIAK	AGAP004904-PA	-	60	1.33E-05	1	2454.225	4.01	Malpighian tubule	2L:+:5780209-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_75634	YETGDEDNFSQATVFYR	AGAP004904-PA	-	147	1.30E-14	1	2041.878	0.32	Pupa	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_75959	NPAENQLNAYRDAQK	AGAP004904-PA	-	108	2.28E-10	1	1731.841	0.3	Malpighian tubule	2L:+:5772138-5772182	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_76085	NPAENQLNAYR	AGAP004904-PA	-	83	7.46E-08	1	1289.623	-0.28	Ovary	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_76146	NPAENQLNAYR	AGAP004904-PA	N8(Deamidated)	83	7.68E-08	1	1289.621	-1.51	Pupa	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_76468	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	198	2.30E-19	1	3111.505	-0.31	Ovary	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_77024	VWPQNEFPLIPVGR	AGAP004904-PA	-	76	1.72E-07	1	1651.903	4.28	Head	2L:+:5780365-5780406	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_77055	LFAYADTHR	AGAP004904-PA	-	66	3.91E-06	1	1093.542	-0.69	Pupa	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_77917	FSTVGGESGSADTVRDPR	AGAP004904-PA	-	45	0.000402458	1	1837.863	-2.26	Midgut	2L:+:5779798-5779851	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_78009	DFPSWTLK	AGAP004904-PA	-	34	0.005932827	1	993.507	3.11	Head	2L:+:5780278-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_78202	LFAYADTHR	AGAP004904-PA	-	39	0.0020032	1	1093.543	0.08	Visceras	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_78236	YETGDEDNFSQATVFYR	AGAP004904-PA	-	140	6.78E-14	1	2041.883	2.65	Malpighian tubule	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_79657	KTPLAVR	AGAP004904-PA	-	31	0.003022056	2	784.506	1.98	Malpighian tubule	2L:+:5779777-5779797	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_80481	FYTDDGVWDMVGNNTPIFFIR	AGAP004904-PA	M10(Oxidation)	110	1.11E-10	1	2523.171	2.36	Malpighian tubule	2L:+:5779867-5779929	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_80849	ANELTATDPDYSIR	AGAP004904-PA	N2(Deamidated)	75	6.05E-07	1	1565.748	2.69	Midgut	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_81238	FYTDDGVWDMVGNNTPIFFIRDPVLFPSFIHTQK	AGAP004904-PA	-	59	9.93E-06	1	4016.988	4.86	Midgut	2L:+:5779867-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_81244	FSTVGGESGSADTVR	AGAP004904-PA	-	126	3.12E-12	1	1469.687	0.13	Head	2L:+:5779798-5779842	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_81263	TPLAVR	AGAP004904-PA	-	28	0.003818915	1	656.409	-0.22	Midgut	2L:+:5779780-5779797	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_81874	VGANYLMLPVNCPYR	AGAP004904-PA	M7(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	95	5.12E-09	1	1782.875	4.78	Head	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_81883	VTATMSHGAPVGTK	AGAP004904-PA	M5(Oxidation)	91	1.14E-08	1	1372.689	-0.08	Malpighian tubule	2L:+:5779534-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_81906	DKVTATMSHGAPVGTK	AGAP004904-PA	M7(Oxidation)	91	1.11E-08	1	1615.812	0.71	Salivary gland	2L:+:5779528-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_82878	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	196	3.25E-19	1	3111.509	1.1	Malpighian tubule	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_83044	SRNPAENQLNAYR	AGAP004904-PA	N-Term(Acetyl)	77	3.54E-07	1	1574.772	3.24	Head	2L:+:5772132-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_83128	MVLDRNPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	M1(Oxidation)	88	1.82E-08	1	3741.846	6.46	Head	2L:+:5780407-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_83374	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	44	0.000388097	1	1242.560	2.49	Visceras	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_84131	MVLDRNPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	M1(Oxidation)	124	4.25E-12	1	3741.805	-4.45	Midgut	2L:+:5780407-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_84236	VGANYLMLPVNCPYR	AGAP004904-PA	M7(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	86	4.10E-08	1	1782.869	1.36	Ovary	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_84325	DASPFLQER	AGAP004904-PA	-	57	3.55E-05	1	1062.522	0.72	Ovary	2L:+:5780875-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_85963	VGANYLMLPVNCPYR	AGAP004904-PA	M7(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	91	1.39E-08	1	1766.876	2.29	Malpighian tubule	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_86098	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	144	4.78E-14	1	3111.507	0.4	Midgut	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_86730	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	57	3.47E-05	1	1309.647	1.26	Head	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_86981	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	167	1.46E-16	1	2187.158	1.02	Malpighian tubule	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_87245	FHFKTDQGIK	AGAP004904-PA	-	71	1.09E-06	1	1220.643	0.78	Malpighian tubule	2L:+:5780161-5780190	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_87677	FMNGYGSHTYK	AGAP004904-PA	M2(Oxidation),"M2(Oxidation), N3(Deamidated)",N3(Deamidated)	84	2.03E-08	1	1320.568	0.42	Malpighian tubule	2L:+:5780092-5780124	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_87882	DGPMNCTDNQGGAPNYFPNSFSGPQTCPR	AGAP004904-PA	M4(Oxidation), C6(Carbamidomethyl), C27(Carbamidomethyl)	93	9.16E-10	1	3202.309	1.22	Malpighian tubule	2L:+:5780626-5780712	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_88132	NPAENQLNAYR	AGAP004904-PA	-	71	1.07E-06	1	1289.622	-1.22	Male reproductive organs	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_88869	VPYNPFDLTK	AGAP004904-PA	-	52	8.43E-05	1	1193.620	-0.08	Midgut	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_89024	LVNADGKPVYCK	AGAP004904-PA	C11(Carbamidomethyl)	86	3.98E-08	2	1363.715	7.79	Salivary gland	2L:+:5780125-5780160	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_89463	DPVLFPSFIHTQK	AGAP004904-PA	-	60	1.25E-05	2	1528.818	1.32	Pupa	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_89641	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	66	4.46E-06	2	1325.643	1.95	Ovary	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_89859	SRNPAENQLNAYR	AGAP004904-PA	N-Term(Acetyl)	86	3.80E-08	1	1574.771	2.77	Ovary	2L:+:5772132-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_90992	FYTDDGVWDMVGNNTPIFFIRDPVLFPSFIHTQK	AGAP004904-PA	M10(Oxidation)	83	4.27E-08	1	4032.967	1.01	Malpighian tubule	2L:+:5779867-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_91364	VGANYLMLPVNCPYR	AGAP004904-PA	M7(Oxidation), C12(Carbamidomethyl)	81	1.32E-07	2	1782.872	3.14	Larva	2L:+:5780557-5780601	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_91583	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	137	1.61E-13	1	2187.163	3.36	Head	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_92230	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	49	0.000191798	2	1325.645	3.33	Male reproductive organs	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_92232	LINNIVGHLK	AGAP004904-PA	N4(Deamidated),N3(Deamidated)	67	2.87E-07	2	1120.684	0.01	Pupa	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_93693	FYTDDGVWDMVGNNTPIFFIR	AGAP004904-PA	-	91	1.26E-08	1	2507.182	4.81	Salivary gland	2L:+:5779867-5779929	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_94802	LSGDVNRYETGDEDNFSQATVFYR	AGAP004904-PA	-	121	9.03E-12	1	2783.257	0.83	Pupa	2L:+:5780743-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA

JHU_Ag_95152	DKVTATMSHGAPVGTK	AGAP004904-PA	M7(Oxidation)	34	0.005525454	1	1615.811	0.21	Visceras	2L:+:5779528-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_95722	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	117	2.40E-11	1	2306.059	1.7	Ovary	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_96018	LVNADGKPVYCK	AGAP004904-PA	C11(Carbamidomethyl)	79	1.98E-07	2	1363.715	8.41	Male reproductive organs	2L:+:5780125-5780160	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_96159	VPYNPFDLTK	AGAP004904-PA	-	52	8.57E-05	1	1193.621	0.53	Head	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_96727	VTATMSHGAPVGTK	AGAP004904-PA	M5(Oxidation)	95	3.99E-09	1	1372.690	0.55	Salivary gland	2L:+:5779534-5779575	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_97710	LVNADGKPVYCK	AGAP004904-PA	C11(Carbamidomethyl)	65	4.87E-06	1	1363.704	0	Midgut	2L:+:5780125-5780160	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_97725	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	156	2.12E-15	1	2187.158	1.1	Ovary	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_98221	LINNIVGHLK	AGAP004904-PA	-	64	6.55E-07	1	1120.681	-2.64	Midgut	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_98251	FMNGYGSHTYK	AGAP004904-PA	M2(Oxidation), N3(Deamidated)	45	0.00012554	1	1321.552	0.48	Pupa	2L:+:5780092-5780124	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_99836	NPSNYFAEVEQAAFAPSHLVPGIEPSPDKMLQAR	AGAP004904-PA	M30(Oxidation)	142	5.95E-14	1	3726.854	8.56	Malpighian tubule	2L:+:5780422-5780523	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_100471	GPVLLQDVHLIDELAHFDRER	AGAP004904-PA	-	114	3.24E-11	1	2472.306	2.75	Pupa	2L:+:5779603-5779665	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_100747	ANELTATDPDYSIR	AGAP004904-PA	-	89	2.25E-08	1	1565.744	0.04	Male reproductive organs	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_100840	LFAYADTHR	AGAP004904-PA	-	57	3.47E-05	1	1093.543	0.31	Salivary gland	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_101975	ANELTATDPDYSIR	AGAP004904-PA	-	92	1.03E-08	1	1565.750	3.55	Head	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_102290	FSTVGGESGSADTVR	AGAP004904-PA	-	136	3.21E-13	1	1469.687	0.38	Visceras	2L:+:5779798-5779842	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_103431	YETGDEDNFSQATVFYR	AGAP004904-PA	-	147	1.28E-14	1	2041.877	-0.16	Salivary gland	2L:+:5780764-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_104199	VPYNPFDLTK	AGAP004904-PA	-	65	4.80E-06	1	1193.620	-0.29	Ovary	2L:+:5780335-5780364	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_105038	DPVLFPSFIHTQK	AGAP004904-PA	-	64	5.56E-06	1	1528.816	0.07	Ovary	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_105147	DFPSWTLK	AGAP004904-PA	-	40	0.001470049	1	993.505	1.33	Malpighian tubule	2L:+:5780278-5780301	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_105818	ANELTATDPDYSIRDLYNAIAK	AGAP004904-PA	-	47	0.000284665	1	2454.217	1.03	Male reproductive organs	2L:+:5780209-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_105866	DASPFLQER	AGAP004904-PA	-	56	5.19E-05	1	1062.521	-0.32	Pupa	2L:+:5780875-5780901	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_106059	LFAYADTHR	AGAP004904-PA	-	61	1.43E-05	2	1093.541	-1.58	Malpighian tubule	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_106669	LQNTPLK	AGAP004904-PA	-	47	0.000112077	2	813.482	-0.84	Pupa	2L:+:5780722-5780742	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_106726	ANELTATDPDYSIRDLYNAIAK	AGAP004904-PA	-	56	3.10E-05	1	2454.215	0.28	Midgut	2L:+:5780209-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_106927	TASETAGPR	AGAP004904-PA	-	37	0.003495296	2	889.439	1.23	Midgut	2L:+:5779576-5779602	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_107052	VQVMTFEQAEK	AGAP004904-PA	M4(Oxidation)	79	2.12E-07	1	1309.649	2.2	Malpighian tubule	2L:+:5780302-5780334	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_107140	LVNADGKPVYCK	AGAP004904-PA	C11(Carbamidomethyl)	88	2.47E-08	1	1363.708	2.86	Ovary	2L:+:5780125-5780160	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_107255	NPAENQLNAYR	AGAP004904-PA	-	82	8.33E-08	1	1289.623	-0.37	Salivary gland	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA

JHU_Ag_107318	NFAMVDADFGR	AGAP004904-PA	M4(Oxidation)	63	3.57E-06	1	1258.556	2.81	Head	2L:+:5780911-5780943	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_107356	DLYNAIAK	AGAP004904-PA	-	41	0.000962095	1	907.490	1.88	Pupa	2L:+:5780251-5780274	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_109252	NPSNYFAEVEQAAFAPSHLVPGIEPSPDKMLQAR	AGAP004904-PA	M30(Oxidation)	54	3.82E-05	1	3726.852	7.92	Ovary	2L:+:5780422-5780523	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_110619	NPAENQLNAYR	AGAP004904-PA	-	86	3.97E-08	1	1289.626	1.99	Head	2L:+:5772138-5772170	exon=> In CDS Exon 1 of transcript AGAP004904-PA
JHU_Ag_111487	DPVLFPSFIHTQK	AGAP004904-PA	-	87	2.26E-08	1	1528.821	3.01	Head	2L:+:5779930-5779968	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_111545	LVNADGKPVYCK	AGAP004904-PA	C11(Carbamidomethyl),"N3(Deamidated), C11(Carbamidomethyl)"	93	8.14E-09	1	1363.703	-0.63	Pupa	2L:+:5780125-5780160	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_111573	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	117	2.16E-11	1	2306.053	-0.84	Midgut	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_111733	LSGDVNRYETGDEDNFSQATVFYR	AGAP004904-PA	-	152	6.44E-15	1	2783.257	0.89	Malpighian tubule	2L:+:5780743-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_112554	LINNIVGHLK	AGAP004904-PA	-	46	3.65E-05	2	1120.686	2.41	Head	2L:+:5780845-5780874	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_112721	GPVLLQDVHLIDELAHFDR	AGAP004904-PA	-	145	2.06E-14	1	2187.171	7.16	Midgut	2L:+:5779603-5779659	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_113443	FSTVGGESGSADTVRDPR	AGAP004904-PA	-	41	0.0012663	1	1837.873	3.02	Salivary gland	2L:+:5779798-5779851	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_113581	ANELTATDPDYSIR	AGAP004904-PA	-	95	6.10E-09	1	1565.749	3.23	Ovary	2L:+:5780209-5780250	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_114513	GAGAFGYFEVTHDITQYCAAK	AGAP004904-PA	C18(Carbamidomethyl)	85	4.04E-08	2	2306.061	2.65	Salivary gland	2L:+:5779693-5779755	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_115195	LSGDVNRYETGDEDNFSQATVFYR	AGAP004904-PA	-	137	2.22E-13	1	2783.256	0.43	Visceras	2L:+:5780743-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_115973	NPSNYFAEVEQAAFAPSHLVPGIEPSPDK	AGAP004904-PA	-	163	6.35E-16	1	3111.510	1.34	Pupa	2L:+:5780422-5780508	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_116142	LSGDVNRYETGDEDNFSQATVFYR	AGAP004904-PA	-	108	1.74E-10	1	2783.265	3.86	Head	2L:+:5780743-5780814	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_117207	LFAYADTHR	AGAP004904-PA	-	55	5.29E-05	2	1093.545	2.66	Larva	2L:+:5780524-5780550	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_117249	GPVLLQDVHLIDELAHFDRER	AGAP004904-PA	-	140	7.76E-14	1	2472.306	2.75	Ovary	2L:+:5779603-5779665	exon=> In CDS Exon 2 of transcript AGAP004904-PA
JHU_Ag_15852	LYHGVINVADK	AGAP004906-PA	-	75	3.18E-07	1	1228.664	-3.47	Head	2L:+:5793419-5793451	exon=> In CDS Exon 1 of transcript AGAP004906-PA
JHU_Ag_27596	YSLVIIPK	AGAP004906-PA	-	37	0.000242848	2	932.579	-2.91	Midgut	2L:+:5793839-5793862	exon=> In CDS Exon 3 of transcript AGAP004906-PA
JHU_Ag_47406	YSLVIIPK	AGAP004906-PA	-	36	0.00013285	1	932.584	2.98	Visceras	2L:+:5793839-5793862	exon=> In CDS Exon 3 of transcript AGAP004906-PA
JHU_Ag_50483	TVFFWAPVFK	AGAP004906-PA	-	37	0.001650134	2	1241.674	1.77	Head	2L:+:5793621-5793650	exon=> In CDS Exon 2 of transcript AGAP004906-PA
JHU_Ag_51134	YSLVIIPK	AGAP004906-PA	-	38	7.66E-05	2	932.582	0.62	Head	2L:+:5793839-5793862	exon=> In CDS Exon 3 of transcript AGAP004906-PA
JHU_Ag_51580	LYHGVINVADK	AGAP004906-PA	-	44	0.000467035	2	1228.671	1.7	Midgut	2L:+:5793419-5793451	exon=> In CDS Exon 1 of transcript AGAP004906-PA
JHU_Ag_60275	LYHGVINVADKFVPNALRPLWNHAAGPK	AGAP004906-PA	-	82	1.29E-08	1	3097.693	2.65	Visceras	2L:+:5793419-5793494,5793613-5793620	exon=> In CDS Exon 1 and 2 of transcript AGAP004906-PA
JHU_Ag_86036	WGLVVAGLSDLR	AGAP004906-PA	-	70	8.52E-07	2	1285.726	-0.57	Midgut	2L:+:5793651-5793653,5793737-5793769	exon=> In CDS Exon 2 and 3 of transcript AGAP004906-PA

JHU_Ag_86975	LYHGVINVADKFVPNALRPLWNHAAGPK	AGAP004906-PA	-	57	4.65E-06	1	3097.688	1.07	Midgut	2L:+:5793419-5793494,5793613-5793620	exon=> In CDS Exon 1 and 2 of transcript AGAP004906-PA
JHU_Ag_93000	WGLVVAGLSDLR	AGAP004906-PA	-	83	4.69E-08	2	1285.727	0.57	Visceras	2L:+:5793651-5793653,5793737-5793769	exon=> In CDS Exon 2 and 3 of transcript AGAP004906-PA
JHU_Ag_93631	TVFFWAPVFK	AGAP004906-PA	-	67	1.79E-06	2	1241.671	-0.59	Midgut	2L:+:5793621-5793650	exon=> In CDS Exon 2 of transcript AGAP004906-PA
JHU_Ag_114588	TVFFWAPVFK	AGAP004906-PA	-	46	0.000212308	1	1241.673	1.08	Visceras	2L:+:5793621-5793650	exon=> In CDS Exon 2 of transcript AGAP004906-PA
JHU_Ag_117646	TVFFWAPVFK	AGAP004906-PA	-	37	0.001577834	2	1241.677	4.33	Ovary	2L:+:5793621-5793650	exon=> In CDS Exon 2 of transcript AGAP004906-PA
JHU_Ag_1481	LLSVFPSTLKEFLK	AGAP004909-PA	-	33	0.000759161	1	1621.956	0.01	Ovary	2L:+:5817126-5817167	exon=> In CDS Exon 4 of transcript AGAP004909-PA
JHU_Ag_11410	GDGPIALVLAPTR	AGAP004912-PA,AGAP004912-PB	-	50	3.78E-05	2	1279.738	0.7	Male reproductive organs	2L:+:5827012-5827050;2L:+:5827012-5827050	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_23355	TLAYILPALVHISNQPR	AGAP004912-PA,AGAP004912-PB	-	34	0.001079359	1	1906.099	4.2	Ovary	2L:+:5826952-5827002;2L:+:5826952-5827002	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_26795	STNKGTSYTFFTPANSSK	AGAP004912-PA,AGAP004912-PB	-	70	1.89E-06	1	1937.936	6.23	Malpighian tubule	2L:+:5830479-5830532;2L:+:5830479-5830532	exon=> In CDS Exon 2 of transcript AGAP004912-PA;exon=> In CDS Exon 3 of transcript AGAP004912-PB
JHU_Ag_27046	DRDYVLNTFR	AGAP004912-PA,AGAP004912-PB	-	45	0.000470286	1	1298.648	-0.35	Head	2L:+:5827654-5827683;2L:+:5827654-5827683	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_28239	SGASYGATGAAR	AGAP004912-PA,AGAP004912-PB	-	94	5.22E-09	2	1068.508	1.46	Malpighian tubule	2L:+:5830908-5830943;2L:+:5830908-5830943	exon=> In CDS Exon 3 of transcript AGAP004912-PA;exon=> In CDS Exon 4 of transcript AGAP004912-PB
JHU_Ag_30594	APNGVGTNGYGASGTPAAYGSDDR	AGAP004912-PA,AGAP004912-PB	N8(Deamidated)	114	2.48E-11	2	2255.978	-0.99	Head	2L:+:5830944-5831015;2L:+:5830944-5831015	exon=> In CDS Exon 3 of transcript AGAP004912-PA;exon=> In CDS Exon 4 of transcript AGAP004912-PB
JHU_Ag_42094	GYGGHYGSVSQPQAHYGASGYPAQGSVAR	AGAP004912-PA,AGAP004912-PB	-	81	1.03E-07	1	2909.337	0.6	Head	2L:+:5831016-5831102;2L:+:5831016-5831102	exon=> In CDS Exon 3 of transcript AGAP004912-PA;exon=> In CDS Exon 4 of transcript AGAP004912-PB
JHU_Ag_45373	FVINFDFPNNTEDYVHR	AGAP004912-PA,AGAP004912-PB	-	57	3.14E-05	1	2126.995	0.99	Head	2L:+:5830410-5830460;2L:+:5830410-5830460	exon=> In CDS Exon 2 of transcript AGAP004912-PA;exon=> In CDS Exon 3 of transcript AGAP004912-PB
JHU_Ag_49339	GDGPIALVLAPTR	AGAP004912-PA,AGAP004912-PB	-	38	0.000515597	2	1279.741	3.47	Head	2L:+:5827012-5827050;2L:+:5827012-5827050	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_51104	GDGPIALVLAPTRELAQQIK	AGAP004912-PA,AGAP004912-PB	-	68	1.72E-07	1	2090.213	7.68	Malpighian tubule	2L:+:5827012-5827071;2L:+:5827012-5827071	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_56959	TLAYILPALVHISNQPR	AGAP004912-PA,AGAP004912-PB	-	34	0.00146379	1	1906.091	-0.02	Midgut	2L:+:5826952-5827002;2L:+:5826952-5827002	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_57427	NFFQPASSVLTR	AGAP004912-PA,AGAP004912-PB	-	36	0.003528666	2	1366.717	4.14	Head	2L:+:5826688-5826723;2L:+:5826688-5826723	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_58023	GDGPIALVLAPTR	AGAP004912-PA,AGAP004912-PB	-	47	8.22E-05	2	1279.738	0.8	Visceras	2L:+:5827012-5827050;2L:+:5827012-5827050	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_73864	SRAEVNQYLDK	AGAP004912-PA,AGAP004912-PB	-	52	0.000106624	2	1322.667	-2.39	Head	2L:+:5826724-5826756;2L:+:5826724-5826756	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB

JHU_Ag_79635	GTSYTFFTPANSSK	AGAP004912-PA,AGAP004912-PB	-	37	0.003371305	1	1507.723	10.74	Head	2L:+:5830491-5830532;2L:+:5830491-5830532	exon=> In CDS Exon 2 of transcript AGAP004912-PA;exon=> In CDS Exon 3 of transcript AGAP004912-PB
JHU_Ag_80816	TLAYILPALVHISNQPR	AGAP004912-PA,AGAP004912-PB	-	31	0.002465029	1	1906.094	1.61	Salivary gland	2L:+:5826952-5827002;2L:+:5826952-5827002	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_87000	STNGILVATDVASR	AGAP004912-PA,AGAP004912-PB	-	89	1.70E-08	2	1403.754	3.91	Malpighian tubule	2L:+:5827687-5827728;2L:+:5827687-5827728	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_90260	TLAYILPALVHISNQPR	AGAP004912-PA,AGAP004912-PB	-	70	2.71E-07	1	1906.099	4.43	Head	2L:+:5826952-5827002;2L:+:5826952-5827002	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_100229	TLAYILPALVHISNQPR	AGAP004912-PA,AGAP004912-PB	-	47	5.05E-05	1	1906.102	5.55	Malpighian tubule	2L:+:5826952-5827002;2L:+:5826952-5827002	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_108922	GLDVDDVKFVINFDFPNNTEDYVHR	AGAP004912-PA,AGAP004912-PB	-	38	0.002250019	1	2968.433	7.48	Malpighian tubule	2L:+:5827729-5827735,5830393-5830460;2L:+:5827729-5827735,5830393-5830460	exon=> In CDS Exon 1 and 2 of transcript AGAP004912-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004912-PB
JHU_Ag_110624	FVINFDFPNNTEDYVHR	AGAP004912-PA,AGAP004912-PB	-	68	2.28E-06	1	2126.996	1.34	Ovary	2L:+:5830410-5830460;2L:+:5830410-5830460	exon=> In CDS Exon 2 of transcript AGAP004912-PA;exon=> In CDS Exon 3 of transcript AGAP004912-PB
JHU_Ag_116638	GYGGHYGSVSQPQAHYGASGYPAQGSVAR	AGAP004912-PA,AGAP004912-PB	-	34	0.004689603	1	2909.354	6.39	Ovary	2L:+:5831016-5831102;2L:+:5831016-5831102	exon=> In CDS Exon 3 of transcript AGAP004912-PA;exon=> In CDS Exon 4 of transcript AGAP004912-PB
JHU_Ag_62521	MLDMGFEPQIR	AGAP004912-PA,AGAP004912-PB,AGAP012045-PA,AGAP005351-PA,AGAP005652-PA,AGAP003047-PA,AGAP003663-PB,AGAP003663-PA,AGAP004351-PA	M1(Oxidation), M4(Oxidation)	63	8.77E-06	1	1336.638	-0.77	Ovary	2L:+:5827276-5827308;2L:+:5827276-5827308;3L:-:36850256-36850224;2L:-:14449703-14449671;2L:+:18295293-18295325;2R:-:31428300-31428268;2R:+:41331544-41331576;2R:+:41331544-41331576;2R:+:54944750-54944782	exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB;exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005351-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 3 of transcript AGAP003047-PA;exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA;exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_83611	SFGGGNSSLMR	AGAP004912-PB	M10(Oxidation)	46	0.000209487	2	1128.515	4.01	Malpighian tubule	2L:+:5826541-5826573	exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_1696	SIFADLEPSTLNYLR	AGAP004914-PA	-	60	1.62E-05	1	1738.903	1.17	Male reproductive organs	2L:+:5862549-5862593	exon=> In CDS Exon 1 of transcript AGAP004914-PA
JHU_Ag_14026	INVYFDESPCCNFVPR	AGAP004914-PA	C10(Carbamidomethyl), C11(Carbamidomethyl)	49	0.000109517	1	2016.891	-1.51	Male reproductive organs	2L:+:5862501-5862548	exon=> In CDS Exon 1 of transcript AGAP004914-PA
JHU_Ag_50901	GLADLVEEYDSYKEEGR	AGAP004914-PA	-	60	1.01E-05	1	1972.909	-2.09	Male reproductive organs	2L:+:5863602-5863652	exon=> In CDS Exon 1 of transcript AGAP004914-PA
JHU_Ag_69473	YGSLFSPESFISGK	AGAP004914-PA	-	44	0.000655088	2	1518.746	-1.08	Male reproductive organs	2L:+:5862603-5862644	exon=> In CDS Exon 1 of transcript AGAP004914-PA
JHU_Ag_5320	IEGFSGPAGDSLGNVK	AGAP004918-PA	-	67	3.67E-06	2	1547.769	-0.42	Malpighian tubule	2L:-:6008638-6008591	exon=> In CDS Exon 1 of transcript AGAP004918-PA

JHU_Ag_76400	GETTEYATGMVWK	AGAP004918-PA	-	65	3.19E-06	1	1472.672	-0.51	Midgut	2L:-:6008393-6008355	exon=> In CDS Exon 2 of transcript AGAP004918-PA
JHU_Ag_78431	LNLLDHHIIEK	AGAP004918-PA	-	91	4.31E-09	1	1344.768	3.1	Midgut	2L:-:6009142-6009110	exon=> In CDS Exon 1 of transcript AGAP004918-PA
JHU_Ag_81995	LNLLDHHIIEK	AGAP004918-PA	-	96	1.57E-09	1	1344.766	2.01	Malpighian tubule	2L:-:6009142-6009110	exon=> In CDS Exon 1 of transcript AGAP004918-PA
JHU_Ag_95124	FSTLDSDNDTWK	AGAP004918-PA	-	54	2.82E-05	2	1428.627	-0.4	Midgut	2L:-:6008581-6008546	exon=> In CDS Exon 1 of transcript AGAP004918-PA
JHU_Ag_116498	IEGFSGPAGDSLGNVK	AGAP004918-PA	-	98	2.70E-09	2	1547.768	-1.6	Midgut	2L:-:6008638-6008591	exon=> In CDS Exon 1 of transcript AGAP004918-PA
JHU_Ag_58372	YDQFEIADENQMYMLSK	AGAP004918-PA,AGAP004916-PA	M12(Oxidation), M14(Oxidation)	93	3.26E-09	2	2156.916	0.52	Midgut	2L:-:6008689-6008639;2L:-:5997201-5997151	exon=> In CDS Exon 1 of transcript AGAP004918-PA;exon=> In CDS Exon 1 of transcript AGAP004916-PA
JHU_Ag_38	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	77	3.69E-07	1	1790.890	0.14	Salivary gland	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_3300	KRPVPK	AGAP004919-PA	-	16	0.008416301	2	724.481	-2.14	Head	2L:+:6015755-6015772	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_3805	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	74	7.87E-07	1	1566.750	1.11	Ovary	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_5904	QGFSIFR	AGAP004919-PA	-	41	0.000773605	2	854.450	-2.43	Midgut	2L:+:6015710-6015730	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_8182	AKQGFSIFR	AGAP004919-PA	-	37	0.001313176	2	1053.584	-0.47	Male reproductive organs	2L:+:6015704-6015730	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_8205	VWQYR	AGAP004919-PA	-	31	0.008609938	2	751.389	1.13	Head	2L:+:6015620-6015634	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_8437	AKQGFSIFR	AGAP004919-PA	-	29	0.005265658	1	1053.589	4.39	Malpighian tubule	2L:+:6015704-6015730	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_12463	YSQTIGGSR	AGAP004919-PA	-	53	5.25E-05	2	968.483	3.08	Male reproductive organs	2L:+:6016319-6016345	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_15223	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	86	4.19E-08	1	1790.894	2.5	Pupa	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_15616	YSQTIGGSR	AGAP004919-PA	-	59	1.24E-05	2	968.479	-0.7	Midgut	2L:+:6016319-6016345	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_15692	YVQELYR	AGAP004919-PA	-	54	3.90E-05	2	970.498	-1.4	Ovary	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_19791	VWQYR	AGAP004919-PA	-	38	0.001526944	2	751.388	-0.49	Ovary	2L:+:6015620-6015634	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_20630	VLNSYWVAQDAAHK	AGAP004919-PA	-	96	4.03E-09	1	1601.808	0.72	Visceras	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_21979	GCTYGKPK	AGAP004919-PA	C2(Carbamidomethyl)	33	0.005746567	1	910.444	-0.77	Malpighian tubule	2L:+:6015773-6015796	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_22422	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	85	5.63E-08	1	1566.748	-0.41	Midgut	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_22610	YVQELYR	AGAP004919-PA	-	42	0.000642749	1	970.501	1.87	Salivary gland	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_23612	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	85	4.75E-08	1	1790.894	2.77	Head	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_23677	RDPNVNWICNAVHK	AGAP004919-PA	C9(Carbamidomethyl)	73	7.55E-07	2	1722.854	2.44	Ovary	2L:+:6016211-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_24404	SHGVNQLKPYR	AGAP004919-PA	-	65	2.89E-06	1	1298.695	-0.82	Male reproductive organs	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_28718	KRPVPK	AGAP004919-PA	-	25	0.000492143	2	724.483	-0.04	Midgut	2L:+:6015755-6015772	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_29418	KRPVPK	AGAP004919-PA	-	23	0.000693572	1	724.483	0.83	Male reproductive organs	2L:+:6015755-6015772	exon=> In CDS Exon 1 of transcript AGAP004919-PA

JHU_Ag_30687	YVQELYRK	AGAP004919-PA	-	39	0.001179469	1	1098.593	-0.85	Visceras	2L:+:6015557-6015580	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_30773	YVQELYR	AGAP004919-PA	-	54	3.82E-05	2	970.504	4.89	Head	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_33726	SHGVNQLKPYR	AGAP004919-PA	-	73	3.81E-07	1	1298.697	0.68	Pupa	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_37446	VLNSYWVAQDAAHK	AGAP004919-PA	-	99	1.98E-09	1	1601.810	2.02	Pupa	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_37562	YFEVIMVDPAHNAIR	AGAP004919-PA	-	53	9.03E-05	1	1774.901	3.37	Malpighian tubule	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_39818	YVQELYR	AGAP004919-PA	-	56	2.16E-05	2	970.503	3.38	Larva	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_39959	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	86	4.15E-08	1	1566.751	1.86	Visceras	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_41058	IRVWQYR	AGAP004919-PA	-	40	0.000811498	1	1020.574	0.11	Male reproductive organs	2L:+:6015614-6015634	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_41442	SHGVNQLKPYR	AGAP004919-PA	-	64	3.06E-06	1	1298.697	0.77	Ovary	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_42707	IRVWQYR	AGAP004919-PA	-	40	0.001007933	1	1020.573	-1.27	Ovary	2L:+:6015614-6015634	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_43656	YVQELYRK	AGAP004919-PA	-	49	0.000100498	1	1098.597	2.26	Malpighian tubule	2L:+:6015557-6015580	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_44018	YVQELYR	AGAP004919-PA	-	51	6.92E-05	2	970.497	-2.28	Midgut	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_48531	VLNSYWVAQDAAHK	AGAP004919-PA	-	90	1.71E-08	1	1601.816	5.83	Larva	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_48590	QGFSIFR	AGAP004919-PA	-	43	0.000414401	2	854.453	1.64	Pupa	2L:+:6015710-6015730	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_48757	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	69	2.25E-06	1	1566.749	0.61	Male reproductive organs	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_51856	VLNSYWVAQDAAHK	AGAP004919-PA	-	113	7.54E-11	1	1601.806	-0.58	Midgut	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_52119	CLQSVAEER	AGAP004919-PA	C1(Carbamidomethyl)	66	3.24E-06	2	1091.515	-0.42	Ovary	2L:+:6015830-6015850,6016091-6016096	exon=> In CDS Exon 1 and 2 of transcript AGAP004919-PA
JHU_Ag_52337	QGFSIFR	AGAP004919-PA	-	39	0.001115375	2	854.453	1.64	Malpighian tubule	2L:+:6015710-6015730	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_54637	QGFSIFR	AGAP004919-PA	-	41	0.000766339	2	854.452	-0.21	Male reproductive organs	2L:+:6015710-6015730	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_55370	RDPNVNWICNAVHK	AGAP004919-PA	C9(Carbamidomethyl)	45	0.000464329	1	1722.858	4.81	Head	2L:+:6016211-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_56733	YSQTIGGSR	AGAP004919-PA	-	64	4.23E-06	2	968.478	-1.21	Visceras	2L:+:6016319-6016345	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_57431	KRPVPK	AGAP004919-PA	-	28	0.000224435	2	724.484	2.16	Malpighian tubule	2L:+:6015755-6015772	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_61939	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	73	8.88E-07	1	1566.756	4.82	Head	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_63849	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	97	3.69E-09	1	1790.896	3.45	Larva	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_65951	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	95	4.97E-09	1	1790.889	-0.07	Ovary	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_66601	YVQELYR	AGAP004919-PA	-	54	3.09E-05	1	970.500	0.67	Visceras	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_66877	YSQTIGGSR	AGAP004919-PA	-	64	4.44E-06	2	968.479	-0.58	Ovary	2L:+:6016319-6016345	exon=> In CDS Exon 2 of transcript AGAP004919-PA

JHU_Ag_69702	RDPNVNWICNAVHK	AGAP004919-PA	C9(Carbamidomethyl)	72	1.01E-06	1	1722.846	-1.78	Midgut	2L:+:6016211-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_70353	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	83	9.07E-08	1	1790.890	0.14	Visceras	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_70698	ELRGLTSAGK	AGAP004919-PA	-	49	0.000149699	1	1031.587	2.44	Malpighian tubule	2L:+:6016259-6016288	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_70808	YSQTIGGSRR	AGAP004919-PA	-	40	0.001007009	1	1124.584	2.94	Malpighian tubule	2L:+:6016319-6016348	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_71430	RDPNVNWICNAVHK	AGAP004919-PA	C9(Carbamidomethyl)	67	3.22E-06	1	1722.851	0.66	Visceras	2L:+:6016211-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_72809	YSQTIGGSR	AGAP004919-PA	-	36	0.00272291	2	968.478	-1.84	Larva	2L:+:6016319-6016345	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_76621	VLNSYWVAQDAAHK	AGAP004919-PA	-	87	2.85E-08	1	1601.806	-0.55	Malpighian tubule	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_78423	YVQELYR	AGAP004919-PA	-	56	2.19E-05	2	970.502	2.56	Male reproductive organs	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_78548	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	73	7.88E-07	1	1566.749	0.76	Malpighian tubule	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_79902	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	35	0.005698292	1	1566.750	1.23	Salivary gland	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_81025	CLQSVAEER	AGAP004919-PA	C1(Carbamidomethyl)	70	1.33E-06	2	1091.518	2.26	Head	2L:+:6015830-6015850,6016091-6016096	exon=> In CDS Exon 1 and 2 of transcript AGAP004919-PA
JHU_Ag_83382	SHGVNQLKPYR	AGAP004919-PA	-	51	8.58E-05	1	1298.700	2.75	Head	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_84453	SHGVNQLKPYR	AGAP004919-PA	-	64	4.18E-06	1	1298.701	3.21	Malpighian tubule	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_86510	SHGVNQLKPYR	AGAP004919-PA	-	76	2.32E-07	1	1298.695	-1.39	Midgut	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_86785	SHGVNQLKPYR	AGAP004919-PA	-	79	1.16E-07	1	1298.701	3.87	Larva	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_87676	CLQSVAEER	AGAP004919-PA	C1(Carbamidomethyl)	62	7.42E-06	2	1091.515	-0.2	Midgut	2L:+:6015830-6015850,6016091-6016096	exon=> In CDS Exon 1 and 2 of transcript AGAP004919-PA
JHU_Ag_89506	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	88	2.88E-08	1	1774.891	-2.2	Midgut	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_89890	SHGVNQLKPYR	AGAP004919-PA	-	51	7.33E-05	1	1298.695	-1.45	Visceras	2L:+:6015797-6015829	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_93903	YFEVIMVDPAHNAIR	AGAP004919-PA	M6(Oxidation)	76	4.21E-07	1	1790.889	-0.17	Male reproductive organs	2L:+:6016166-6016210	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_95678	KRPVPK	AGAP004919-PA	-	25	0.000939986	2	724.481	-2.98	Ovary	2L:+:6015755-6015772	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_103275	GYRYSQTIGGSR	AGAP004919-PA	-	49	0.000177306	2	1344.669	2.85	Malpighian tubule	2L:+:6016310-6016345	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_103436	YSQTIGGSR	AGAP004919-PA	-	69	1.37E-06	2	968.482	2.64	Malpighian tubule	2L:+:6016319-6016345	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_107708	VLNSYWVAQDAAHK	AGAP004919-PA	-	112	9.43E-11	1	1601.814	4.3	Ovary	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_109081	YVQELYR	AGAP004919-PA	-	49	0.000110158	1	970.500	0.67	Malpighian tubule	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_109168	RDPNVNWICNAVHK	AGAP004919-PA	C9(Carbamidomethyl)	80	1.54E-07	2	1722.856	4.07	Malpighian tubule	2L:+:6016211-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_110960	CLQSVAEER	AGAP004919-PA	C1(Carbamidomethyl)	50	0.000125481	1	1091.512	-2.55	Visceras	2L:+:6015830-6015850,6016091-6016096	exon=> In CDS Exon 1 and 2 of transcript AGAP004919-PA

JHU_Ag_112867	RDPNVNWICNAVHK	AGAP004919-PA	C9(Carbamidomethyl)	60	1.87E-05	2	1722.854	2.73	Male reproductive organs	2L:+:6016211-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_113030	VLNSYWVAQDAAHK	AGAP004919-PA	-	100	1.59E-09	1	1601.806	-0.88	Male reproductive organs	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_113537	QGFSIFR	AGAP004919-PA	-	40	0.000900 37	2	854.453	1.72	Ovary	2L:+:6015710-6015730	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_115269	DPNVNWICNAVHK	AGAP004919-PA	C8(Carbamidomethyl)	38	0.002932 981	1	1566.757	5.6	Larva	2L:+:6016214-6016252	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_115288	YVQELYR	AGAP004919-PA	-	40	0.000995 5	1	970.498	-1.07	Pupa	2L:+:6015557-6015577	exon=> In CDS Exon 1 of transcript AGAP004919-PA
JHU_Ag_117276	VLNSYWVAQDAAHK	AGAP004919-PA	-	106	3.73E-10	1	1601.813	3.92	Head	2L:+:6016124-6016165	exon=> In CDS Exon 2 of transcript AGAP004919-PA
JHU_Ag_35262	RIATFLEVPLGK	AGAP004929-PA	-	54	6.10E-06	1	1343.805	0.54	Malpighian tubule	2L:+:6114513-6114548	exon=> In CDS Exon 1 of transcript AGAP004929-PA
JHU_Ag_36809	RIATFLEVPLGK	AGAP004929-PA	-	33	0.000787 263	1	1343.806	0.9	Ovary	2L:+:6114513-6114548	exon=> In CDS Exon 1 of transcript AGAP004929-PA
JHU_Ag_45387	IATFLEVPLGK	AGAP004929-PA	-	69	6.84E-07	2	1187.704	0.75	Ovary	2L:+:6114516-6114548	exon=> In CDS Exon 1 of transcript AGAP004929-PA
JHU_Ag_60335	IATFLEVPLGK	AGAP004929-PA	-	54	1.66E-05	2	1187.706	2.5	Salivary gland	2L:+:6114516-6114548	exon=> In CDS Exon 1 of transcript AGAP004929-PA
JHU_Ag_63134	WFHHLQQLGEVR	AGAP004929-PA	-	73	7.77E-07	1	1549.807	2.9	Ovary	2L:+:6115351-6115386	exon=> In CDS Exon 4 of transcript AGAP004929-PA
JHU_Ag_63782	IATFLEVPLGK	AGAP004929-PA	-	52	2.43E-05	1	1187.709	4.55	Malpighian tubule	2L:+:6114516-6114548	exon=> In CDS Exon 1 of transcript AGAP004929-PA
JHU_Ag_69127	SAQEPSISGFSSIIQSLIR	AGAP004929-PA	-	133	3.67E-13	1	2020.079	3.78	Midgut	2L:+:6114859-6114915	exon=> In CDS Exon 2 of transcript AGAP004929-PA
JHU_Ag_71157	WFHHLQQLGEVR	AGAP004929-PA	-	38	0.001886 14	3	1549.810	4.94	Malpighian tubule	2L:+:6115351-6115386	exon=> In CDS Exon 4 of transcript AGAP004929-PA
JHU_Ag_80091	IATFLEVPLGK	AGAP004929-PA	-	64	1.98E-06	2	1187.706	1.98	Visceras	2L:+:6114516-6114548	exon=> In CDS Exon 1 of transcript AGAP004929-PA
JHU_Ag_85344	SYLVNDTLSVADVVVFHTIHETMANLQPLEK	AGAP004929-PA	M23(Oxidation)	82	5.56E-08	1	3499.786	2.19	Ovary	2L:+:6115149-6115217,6115303-6115326	exon=> In CDS Exon 3 and 4 of transcript AGAP004929-PA
JHU_Ag_85506	SAQEPSISGFSSIIQSLIR	AGAP004929-PA	-	126	2.35E-12	1	2020.075	2.21	Ovary	2L:+:6114859-6114915	exon=> In CDS Exon 2 of transcript AGAP004929-PA
JHU_Ag_68579	NYLTIENLFLK	AGAP004931-PA	-	66	1.69E-06	1	1367.754	-1.85	Ovary	2L:+:6131183-6131215	exon=> In CDS Exon 4 of transcript AGAP004931-PA
JHU_Ag_8462	TAAQMGAFVANHEAVGTINNFVPLKDVECYTVAR	AGAP004933-PA	M5(Oxidation), C29(Carbamidomethyl)	157	2.11E-15	1	3709.819	2.41	Ovary	2L:-:6195189-6195088	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_17519	ENLAPALDIVR	AGAP004933-PA	-	47	0.000121 382	2	1210.680	0.44	Ovary	2L:-:6194631-6194599	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_38001	ILLNLQR	AGAP004933-PA	-	37	0.000675 801	2	869.557	0.28	Malpighian tubule	2L:-:6195003-6194983	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_40338	GFQDTITYCSSCGEEKPDKK	AGAP004933-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	30	0.007050 692	1	2350.025	-3.11	Head	2L:-:6194577-6194518	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_42655	KVCSRPSGAAGEAPNAAAAK	AGAP004933-PA	C3(Carbamidomethyl)	35	0.004804 811	1	1912.971	2.82	Ovary	2L:-:6194448-6194389	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_42851	EALLPVVLLEPFHSFIMQVNIHPVR	AGAP004933-PA	M17(Oxidation)	52	1.87E-05	1	2914.606	1.48	Ovary	2L:-:6195078-6195004	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_47335	ILLNLQR	AGAP004933-PA	-	47	7.33E-05	2	869.558	1.05	Ovary	2L:-:6195003-6194983	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_53829	VCSRPSGAAGEAPNAAAAK	AGAP004933-PA	C2(Carbamidomethyl)	40	0.001367 218	3	1784.875	2.34	Ovary	2L:-:6194445-6194389	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_55671	VVLTADQQAIFNR	AGAP004933-PA	-	80	9.92E-08	1	1474.804	1.98	Ovary	2L:-:6195513-6195475	exon=> In CDS Exon 1 of transcript AGAP004933-PA

JHU_Ag_88322	DIDSTEISEQLQK	AGAP004933-PA	-	68	2.35E-06	2	1505.736	1.82	Salivary gland	2L:-:6194388-6194350	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_91714	DIDSTEISEQLQK	AGAP004933-PA	-	84	6.14E-08	1	1505.735	1.42	Ovary	2L:-:6194388-6194350	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_103202	ILLNLQR	AGAP004933-PA	-	37	0.000747858	2	869.556	-0.77	Salivary gland	2L:-:6195003-6194983	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_112049	TAAQMGAFVANHEAVGTINNFVPLKDVECYTVAR	AGAP004933-PA	M5(Oxidation), C29(Carbamidomethyl)	72	5.75E-07	1	3709.828	4.71	Malpighian tubule	2L:-:6195189-6195088	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_113583	DIDSTEISEQLQK	AGAP004933-PA	-	94	6.18E-09	2	1505.738	3.12	Head	2L:-:6194388-6194350	exon=> In CDS Exon 1 of transcript AGAP004933-PA
JHU_Ag_26291	IIIPLR	AGAP004934-PA	-	23	0.001180158	2	724.508	-0.12	Visceras	2L:-:6198909-6198892	exon=> In CDS Exon 3 of transcript AGAP004934-PA
JHU_Ag_2491	EQFGETESQAFNR	AGAP004935-PA	-	76	2.24E-07	2	1542.682	0.12	Midgut	2L:+:6205114-6205152	exon=> In CDS Exon 1 of transcript AGAP004935-PA
JHU_Ag_43615	LLQKGVTLK	AGAP004935-PA	-	19	0.00753618	1	999.670	14.26	Midgut	2L:+:6206687-6206713	exon=> In CDS Exon 2 of transcript AGAP004935-PA
JHU_Ag_23165	NEHGDTLSTHEFGITSLK	AGAP004937-PA	-	84	5.65E-08	1	1985.962	2.96	Midgut	2L:-:6214666-6214613	exon=> In CDS Exon 7 of transcript AGAP004937-PA
JHU_Ag_40321	SDVFYSGQTNQPSAPR	AGAP004937-PA	-	61	1.20E-05	2	1753.821	4.22	Malpighian tubule	2L:-:6217589-6217542	exon=> In CDS Exon 1 of transcript AGAP004937-PA
JHU_Ag_60089	LFFHFSQFGGNIEHLK	AGAP004937-PA	-	72	9.48E-07	1	1920.983	3.6	Ovary	2L:-:6217117-6217070	exon=> In CDS Exon 2 of transcript AGAP004937-PA
JHU_Ag_70451	LPPGSVIFEDVDTTIYK	AGAP004937-PA	-	52	7.05E-05	1	1893.979	-2.94	Ovary	2L:-:6216341-6216291	exon=> In CDS Exon 4 of transcript AGAP004937-PA
JHU_Ag_36996	LNNFQEVFGDDWR	AGAP004938-PA	-	84	3.74E-08	2	1639.748	-0.95	Midgut	2L:-:6226566-6226528	exon=> In CDS Exon 5 of transcript AGAP004938-PA
JHU_Ag_401	GGYFGELALVTHRPR	AGAP004940-PA	-	97	2.22E-09	1	1672.893	0.8	Head	2L:+:6260522-6260566	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_592	GGYFGELALVTHRPR	AGAP004940-PA	-	97	2.19E-09	1	1672.891	-0.37	Salivary gland	2L:+:6260522-6260566	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_1627	MYEALLDAVPMLK	AGAP004940-PA	M1(Oxidation)	72	8.98E-07	2	1493.773	-0.72	Head	2L:+:6260107-6260145	exon=> In CDS Exon 5 of transcript AGAP004940-PA
JHU_Ag_1837	GSFGELALLYNMPR	AGAP004940-PA	M12(Oxidation)	89	1.79E-08	1	1583.790	1.01	Head	2L:+:6259901-6259941,6260007-6260007	exon=> In CDS Exon 4 and 5 of transcript AGAP004940-PA
JHU_Ag_2126	MNLADALIPQTYAK	AGAP004940-PA	M1(Oxidation)	99	2.13E-09	1	1564.806	1.16	Salivary gland	2L:+:6260254-6260295	exon=> In CDS Exon 6 of transcript AGAP004940-PA
JHU_Ag_2788	IQQDAGEVEISNLEK	AGAP004940-PA	-	110	1.48E-10	1	1672.840	0.88	Malpighian tubule	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_4613	VAFLDVDAFER	AGAP004940-PA	-	73	6.84E-07	1	1281.655	5.57	Malpighian tubule	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA
JHU_Ag_4908	QGDAADGMYFIEDGK	AGAP004940-PA	-	82	3.82E-08	2	1616.692	1.48	Head	2L:+:6260314-6260317,6260424-6260464	exon=> In CDS Exon 6 and 7 of transcript AGAP004940-PA
JHU_Ag_5268	NILLFR	AGAP004940-PA	-	30	0.00387957	2	775.484	2.22	Ovary	2L:+:6258669-6258686	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_5736	AATIQAETDGK	AGAP004940-PA	-	79	2.21E-07	1	1104.552	-1.26	Head	2L:+:6260008-6260040	exon=> In CDS Exon 5 of transcript AGAP004940-PA
JHU_Ag_8597	IQVPDGLR	AGAP004940-PA	-	31	0.003299812	2	897.516	1.31	Malpighian tubule	2L:+:6244231-6244254	exon=> In CDS Exon 1 of transcript AGAP004940-PA
JHU_Ag_8605	IQQDAGEVEISNLEK	AGAP004940-PA	-	39	0.001855038	2	1672.839	-0.06	Visceras	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_12551	GSFGELALLYNMPR	AGAP004940-PA	M12(Oxidation)	74	6.17E-07	2	1567.794	0.12	Midgut	2L:+:6259901-6259941,6260007-6260007	exon=> In CDS Exon 4 and 5 of transcript AGAP004940-PA

JHU_Ag_12947	IVQAKDYIIK	AGAP004940-PA	-	50	1.78E-05	1	1190.715	0.33	Malpighian tubule	2L:+:6259688-6259717	exon=> In CDS Exon 3 of transcript AGAP004940-PA
JHU_Ag_13024	MNLADALIPQTYAK	AGAP004940-PA	M1(Oxidation)	71	1.30E-06	2	1564.812	4.9	Ovary	2L:+:6260254-6260295	exon=> In CDS Exon 6 of transcript AGAP004940-PA
JHU_Ag_17698	QGDAADGMYFIEDGK	AGAP004940-PA	M8(Oxidation)	71	4.63E-07	1	1616.691	0.95	Midgut	2L:+:6260314-6260317,6260424-6260464	exon=> In CDS Exon 6 and 7 of transcript AGAP004940-PA
JHU_Ag_17856	NIGDYETQLVK	AGAP004940-PA	-	49	0.000186781	2	1279.654	1.22	Pupa	2L:+:6262433-6262465	exon=> In CDS Exon 8 of transcript AGAP004940-PA
JHU_Ag_17879	VAFLDVDAFER	AGAP004940-PA	-	74	7.02E-07	1	1281.645	-2.24	Midgut	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA
JHU_Ag_18376	MYEALLDAVPMLK	AGAP004940-PA	M11(Oxidation)	51	0.000110965	2	1493.781	4.67	Malpighian tubule	2L:+:6260107-6260145	exon=> In CDS Exon 5 of transcript AGAP004940-PA
JHU_Ag_20309	AATIQAETDGK	AGAP004940-PA	-	66	3.95E-06	2	1104.553	-0.6	Salivary gland	2L:+:6260008-6260040	exon=> In CDS Exon 5 of transcript AGAP004940-PA
JHU_Ag_21665	KSVFAETYDPENDDEDEGAR	AGAP004940-PA	-	68	6.51E-07	1	2286.971	3.15	Ovary	2L:+:6258555-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_21930	MNLADALIPQTYAK	AGAP004940-PA	M1(Oxidation)	72	8.41E-07	2	1548.817	5.37	Malpighian tubule	2L:+:6260254-6260295	exon=> In CDS Exon 6 of transcript AGAP004940-PA
JHU_Ag_22537	AASAYAVDNVK	AGAP004940-PA	-	60	1.61E-05	2	1108.564	0.26	Head	2L:+:6260567-6260599	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_23903	VAFLDVDAFER	AGAP004940-PA	-	78	2.56E-07	1	1281.647	-0.05	Head	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA
JHU_Ag_26170	GGYFGELALVTHRPR	AGAP004940-PA	-	98	2.02E-09	1	1672.892	0.14	Male reproductive organs	2L:+:6260522-6260566	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_26463	QGDAADGMYFIEDGK	AGAP004940-PA	M8(Oxidation)	79	4.64E-08	1	1632.684	-0.28	Malpighian tubule	2L:+:6260314-6260317,6260424-6260464	exon=> In CDS Exon 6 and 7 of transcript AGAP004940-PA
JHU_Ag_26568	IQQDAGEVEISNLEK	AGAP004940-PA	Q2(Deamidated)	98	2.76E-09	1	1672.844	3.29	Midgut	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_27986	SVFAETYDPENDDEDEGAR	AGAP004940-PA	-	76	8.60E-08	2	2158.873	2.16	Ovary	2L:+:6258558-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_28098	MNLADALIPQTYAK	AGAP004940-PA	M1(Oxidation)	99	1.66E-09	2	1548.813	2.22	Head	2L:+:6260254-6260295	exon=> In CDS Exon 6 of transcript AGAP004940-PA
JHU_Ag_29616	SVFAETYDPENDDEDEGAR	AGAP004940-PA	-	75	1.07E-07	2	2158.871	1.02	Salivary gland	2L:+:6258558-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_31747	HIHTYDNR	AGAP004940-PA	-	36	0.002328109	1	1055.501	-0.25	Salivary gland	2L:+:6259877-6259900	exon=> In CDS Exon 4 of transcript AGAP004940-PA
JHU_Ag_32455	AATIQAETDGKLWAMDR	AGAP004940-PA	-	103	9.83E-10	1	1876.931	4.88	Malpighian tubule	2L:+:6260008-6260058	exon=> In CDS Exon 5 of transcript AGAP004940-PA
JHU_Ag_37787	NIGDYETQLVK	AGAP004940-PA	-	69	2.08E-06	1	1279.655	1.99	Ovary	2L:+:6262433-6262465	exon=> In CDS Exon 8 of transcript AGAP004940-PA
JHU_Ag_38681	GSFGELALLYNMPR	AGAP004940-PA	M12(Oxidation)	70	1.48E-06	2	1567.799	3.39	Ovary	2L:+:6259901-6259941,6260007-6260007	exon=> In CDS Exon 4 and 5 of transcript AGAP004940-PA
JHU_Ag_45208	MYEALLDAVPMLK	AGAP004940-PA	M1(Oxidation), M11(Oxidation)	49	0.000191715	2	1525.768	2.2	Salivary gland	2L:+:6260107-6260145	exon=> In CDS Exon 5 of transcript AGAP004940-PA
JHU_Ag_45483	SVFAETYDPENDDEDEGAR	AGAP004940-PA	-	116	7.90E-12	1	2158.870	0.69	Malpighian tubule	2L:+:6258558-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_46917	SLDKEQMNEVLDAMFEK	AGAP004940-PA	-	50	0.000154043	1	2026.953	3.2	Malpighian tubule	2L:+:6258687-6258704,6259655-6259687	exon=> In CDS Exon 2 and 3 of transcript AGAP004940-PA

JHU_Ag_50456	VAFLDVDAFER	AGAP004940-PA	-	88	2.60E-08	1	1281.645	-1.76	Salivary gland	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA
JHU_Ag_50709	GSFGELALLYNMPR	AGAP004940-PA	-	78	1.98E-07	2	1567.799	3.31	Visceras	2L:+:6259901-6259941,6260007-6260007	exon=> In CDS Exon 4 and 5 of transcript AGAP004940-PA
JHU_Ag_50761	GSFGELALLYNMPR	AGAP004940-PA	M12(Oxidation)	73	7.03E-07	1	1567.789	-3.07	Salivary gland	2L:+:6259901-6259941,6260007-6260007	exon=> In CDS Exon 4 and 5 of transcript AGAP004940-PA
JHU_Ag_51734	AASAYAVDNVK	AGAP004940-PA	-	70	1.49E-06	1	1108.564	0.15	Salivary gland	2L:+:6260567-6260599	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_53222	IQQDAGEVEISNLEK	AGAP004940-PA	-	112	8.65E-11	2	1672.836	-1.45	Head	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_54338	SVFAETYDPENDDEDEGAR	AGAP004940-PA	-	88	5.71E-09	2	2158.873	2.27	Midgut	2L:+:6258558-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_54567	VAFLDVDAFER	AGAP004940-PA	-	69	2.02E-06	1	1281.653	4.14	Ovary	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA
JHU_Ag_54822	TLQNYERMNLADALIPQTYAK	AGAP004940-PA	M8(Oxidation)	48	0.000181512	1	2469.258	5.6	Malpighian tubule	2L:+:6260146-6260154,6260242-6260295	exon=> In CDS Exon 5 and 6 of transcript AGAP004940-PA
JHU_Ag_57223	MNLADALIPQTYAK	AGAP004940-PA	M1(Oxidation)	89	2.11E-08	2	1564.807	2.01	Midgut	2L:+:6260254-6260295	exon=> In CDS Exon 6 of transcript AGAP004940-PA
JHU_Ag_60081	SLDKEQMNEVLDAMFEK	AGAP004940-PA	M7(Oxidation), M14(Oxidation),M7(Oxidation)	77	2.61E-07	2	2026.950	2.15	Midgut	2L:+:6258687-6258704,6259655-6259687	exon=> In CDS Exon 2 and 3 of transcript AGAP004940-PA
JHU_Ag_62935	AASAYAVDNVK	AGAP004940-PA	-	67	2.58E-06	1	1108.567	2.9	Ovary	2L:+:6260567-6260599	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_63054	GSFGELALLYNMPR	AGAP004940-PA	M12(Oxidation)	81	1.06E-07	1	1583.787	-1.06	Male reproductive organs	2L:+:6259901-6259941,6260007-6260007	exon=> In CDS Exon 4 and 5 of transcript AGAP004940-PA
JHU_Ag_64926	GGYFGELALVTHRPR	AGAP004940-PA	-	92	7.42E-09	1	1672.897	2.99	Malpighian tubule	2L:+:6260522-6260566	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_65083	TLQNYER	AGAP004940-PA	-	36	0.002904628	1	923.458	-0.56	Malpighian tubule	2L:+:6260146-6260154,6260242-6260253	exon=> In CDS Exon 5 and 6 of transcript AGAP004940-PA
JHU_Ag_75608	EQMNEVLDAMFEK	AGAP004940-PA	M3(Oxidation)	99	1.26E-09	1	1583.712	2.59	Head	2L:+:6258699-6258704,6259655-6259687	exon=> In CDS Exon 2 and 3 of transcript AGAP004940-PA
JHU_Ag_75939	NIGDYETQLVK	AGAP004940-PA	-	80	1.47E-07	1	1279.654	0.84	Salivary gland	2L:+:6262433-6262465	exon=> In CDS Exon 8 of transcript AGAP004940-PA
JHU_Ag_76634	AASAYAVDNVK	AGAP004940-PA	-	44	0.000679092	2	1108.564	0.81	Midgut	2L:+:6260567-6260599	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_77288	KSVFAETYDPENDDEDEGAR	AGAP004940-PA	-	85	1.33E-08	1	2286.969	2.43	Salivary gland	2L:+:6258555-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_77305	KSVFAETYDPENDDEDEGAR	AGAP004940-PA	-	137	8.14E-14	1	2286.969	2.59	Malpighian tubule	2L:+:6258555-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_77487	VAFLDVDAFER	AGAP004940-PA	-	63	7.09E-06	1	1281.648	0.14	Male reproductive organs	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA
JHU_Ag_78345	RNIGDYETQLVK	AGAP004940-PA	-	43	0.000793764	1	1435.754	-0.13	Head	2L:+:6262430-6262465	exon=> In CDS Exon 8 of transcript AGAP004940-PA
JHU_Ag_80482	VAFLDVDAFER	AGAP004940-PA	-	56	3.52E-05	2	1281.649	1.57	Visceras	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA

JHU_Ag_83068	LCDSVKNILLFR	AGAP004940-PA	C2(Carbamidomethyl)	63	2.74E-06	1	1477.823	2.21	Malpighian tubule	2L:+:6258651-6258686	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_84527	SLDKEQMNEVLDAMFEK	AGAP004940-PA	M7(Oxidation), M14(Oxidation)	49	0.000161764	1	2058.937	0.56	Salivary gland	2L:+:6258687-6258704,6259655-6259687	exon=> In CDS Exon 2 and 3 of transcript AGAP004940-PA
JHU_Ag_86015	IQQDAGEVEISNLEK	AGAP004940-PA	-	105	4.82E-10	1	1672.841	1.18	Male reproductive organs	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_86334	NIGDYETQLVK	AGAP004940-PA	-	91	1.29E-08	1	1279.654	0.56	Head	2L:+:6262433-6262465	exon=> In CDS Exon 8 of transcript AGAP004940-PA
JHU_Ag_86407	IQQDAGEVEISNLEK	AGAP004940-PA	-	83	7.38E-08	1	1672.841	1.03	Ovary	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_95190	NILLFR	AGAP004940-PA	-	39	0.000460027	1	775.483	1.13	Head	2L:+:6258669-6258686	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_95317	AASAYAVDNVK	AGAP004940-PA	-	70	1.72E-06	1	1108.563	0.04	Malpighian tubule	2L:+:6260567-6260599	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_95556	IQQDAGEVEISNLEK	AGAP004940-PA	-	78	2.43E-07	1	1672.843	2.49	Pupa	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_95732	AATIQAETDGK	AGAP004940-PA	-	75	5.52E-07	1	1104.554	0.62	Malpighian tubule	2L:+:6260008-6260040	exon=> In CDS Exon 5 of transcript AGAP004940-PA
JHU_Ag_100331	GGYFGELALVTHRPR	AGAP004940-PA	-	98	1.94E-09	1	1672.891	-0.59	Pupa	2L:+:6260522-6260566	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_102197	QGDAADGMYFIEDGKVSIR	AGAP004940-PA	-	39	0.001809316	3	2071.981	2.86	Malpighian tubule	2L:+:6260314-6260317,6260424-6260476	exon=> In CDS Exon 6 and 7 of transcript AGAP004940-PA
JHU_Ag_103524	MNLADALIPQTYAK	AGAP004940-PA	-	37	0.002863107	2	1548.813	2.46	Visceras	2L:+:6260254-6260295	exon=> In CDS Exon 6 of transcript AGAP004940-PA
JHU_Ag_104451	IQQDAGEVEISNLEKGGYFGELALVTHRPR	AGAP004940-PA	-	177	1.21E-17	1	3326.721	2.52	Malpighian tubule	2L:+:6260477-6260566	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_106196	QGDAADGMYFIEDGK	AGAP004940-PA	M8(Oxidation)	120	5.18E-12	1	1616.693	1.85	Salivary gland	2L:+:6260314-6260317,6260424-6260464	exon=> In CDS Exon 6 and 7 of transcript AGAP004940-PA
JHU_Ag_106649	GGYFGELALVTHRPR	AGAP004940-PA	-	97	1.98E-09	1	1672.895	1.97	Ovary	2L:+:6260522-6260566	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_106698	HIHTYDNR	AGAP004940-PA	-	38	0.001246972	1	1055.499	-2.59	Head	2L:+:6259877-6259900	exon=> In CDS Exon 4 of transcript AGAP004940-PA
JHU_Ag_107557	GSFGELALLYNMPR	AGAP004940-PA	M12(Oxidation)	64	5.60E-06	2	1583.797	4.95	Malpighian tubule	2L:+:6259901-6259941,6260007-6260007	exon=> In CDS Exon 4 and 5 of transcript AGAP004940-PA
JHU_Ag_111230	NIGDYETQLVK	AGAP004940-PA	-	87	3.55E-08	1	1279.652	-0.4	Malpighian tubule	2L:+:6262433-6262465	exon=> In CDS Exon 8 of transcript AGAP004940-PA
JHU_Ag_112246	IQQDAGEVEISNLEK	AGAP004940-PA	-	121	1.15E-11	1	1672.834	-2.91	Salivary gland	2L:+:6260477-6260521	exon=> In CDS Exon 7 of transcript AGAP004940-PA
JHU_Ag_112705	SVFAETYDPENDDEDEGAR	AGAP004940-PA	-	106	9.31E-11	1	2158.870	0.69	Head	2L:+:6258558-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_112965	MNLADALIPQTYAKGDR	AGAP004940-PA	-	52	9.85E-05	1	1876.967	4.29	Malpighian tubule	2L:+:6260254-6260304	exon=> In CDS Exon 6 of transcript AGAP004940-PA
JHU_Ag_115563	VAFLDVDAFER	AGAP004940-PA	-	83	7.21E-08	1	1281.648	0.24	Pupa	2L:+:6260600-6260606,6262374-6262399	exon=> In CDS Exon 7 and 8 of transcript AGAP004940-PA
JHU_Ag_117465	SVFAETYDPENDDEDEGAR	AGAP004940-PA	-	56	8.14E-06	1	2158.870	0.8	Male reproductive organs	2L:+:6258558-6258614	exon=> In CDS Exon 2 of transcript AGAP004940-PA
JHU_Ag_3730	INISDCSCPER	AGAP004942-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	75	1.93E-07	1	1350.579	1.06	Head	2L:-:6397988-6397956	exon=> In CDS Exon 3 of transcript AGAP004942-PA
JHU_Ag_5903	INISDCSCPER	AGAP004942-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	42	0.000367072	2	1350.581	2.32	Ovary	2L:-:6397988-6397956	exon=> In CDS Exon 3 of transcript AGAP004942-PA

JHU_Ag_10835	EITGCSIQVASEMLPNSTER	AGAP004942-PA	C5(Carbamidomethyl), M13(Oxidation)	46	0.000280132	2	2238.023	-6.71	Head	2L:-:6397575-6397516	exon=> In CDS Exon 5 of transcript AGAP004942-PA
JHU_Ag_33389	IGDINLSDDPAVTLTIR	AGAP004942-PA	-	88	1.24E-08	1	1812.974	2.22	Head	2L:-:6425000-6424950	exon=> In CDS Exon 1 of transcript AGAP004942-PA
JHU_Ag_53984	LIVPASQCGSLIGK	AGAP004942-PA	C8(Carbamidomethyl)	38	0.000951463	1	1442.808	3.05	Ovary	2L:-:6397716-6397776,6397444-6397603	exon=> In CDS Exon 5 and 4 of transcript AGAP004942-PA
JHU_Ag_54723	GATIPYRPKPQVNGPVIVANGQAYTIQGNYAVPAQEVSGIAK	AGAP004942-PA	-	52	1.66E-05	1	4337.316	2.61	Ovary	2L:-:6392432-6392444,6389291-6389382	exon=> In CDS Exon 7 and 6 of transcript AGAP004942-PA
JHU_Ag_66730	IGDINLSDDPAVTLTIR	AGAP004942-PA	-	74	3.45E-07	2	1812.985	7.88	Pupa	2L:-:6425000-6424950	exon=> In CDS Exon 1 of transcript AGAP004942-PA
JHU_Ag_106180	LIVPASQCGSLIGK	AGAP004942-PA	C8(Carbamidomethyl)	37	0.001497275	2	1442.805	1.02	Head	2L:-:6397716-6397776,6397444-6397603	exon=> In CDS Exon 5 and 4 of transcript AGAP004942-PA
JHU_Ag_112356	KFEEWCSQFQDNANTQGKPQIPIR	AGAP004942-PA	C6(Carbamidomethyl)	74	6.45E-07	1	2921.415	5.19	Ovary	2L:-:6397895-6398000,6397680-6397717	exon=> In CDS Exon 4 and 3 of transcript AGAP004942-PA
JHU_Ag_3692	SIANAVITVPAYFNDSQR	AGAP004944-PA	-	47	0.000245404	1	1966.014	5.79	Malpighian tubule	2L:-:6545673-6545620	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_4612	NQVAMNPNNTIFDAK	AGAP004944-PA	M5(Oxidation)	88	3.02E-08	2	1692.809	4.69	Malpighian tubule	2L:-:6546001-6546169,6544141-6545872	exon=> In CDS Exon 2 and 1 of transcript AGAP004944-PA
JHU_Ag_12248	ELEAVCNPIIQK	AGAP004944-PA	C6(Carbamidomethyl)	80	1.10E-07	1	1413.743	1.95	Visceras	2L:-:6544293-6544258	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_14672	ARFEELNSDLFR	AGAP004944-PA	-	69	1.69E-06	1	1496.751	0.99	Pupa	2L:-:6545187-6545152	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_19958	MVSHFVEEFKR	AGAP004944-PA	M1(Oxidation)	38	0.002229391	1	1424.698	-1.04	Pupa	2L:-:6545376-6545344	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_20307	ELEAVCNPIIQK	AGAP004944-PA	C6(Carbamidomethyl)	53	5.88E-05	2	1413.742	0.92	Head	2L:-:6544293-6544258	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_20907	SFFPEEVSSMVLTK	AGAP004944-PA	M10(Oxidation)	72	1.01E-06	2	1600.800	4.4	Visceras	2L:-:6545748-6545707	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_22996	HWPFDVISDGGKPK	AGAP004944-PA	-	59	1.71E-05	1	1582.801	-0.44	Pupa	2L:-:6545820-6545779	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_23870	TTPSYVAFTDSER	AGAP004944-PA	-	91	8.86E-09	2	1473.686	0.12	Head	2L:-:6546061-6546023	exon=> In CDS Exon 1 of transcript AGAP004944-PA
JHU_Ag_26349	ARFEELNSDLFR	AGAP004944-PA	-	54	6.21E-05	1	1496.750	0.18	Visceras	2L:-:6545187-6545152	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_29570	DAGAIAGLNVLR	AGAP004944-PA	-	71	5.07E-07	2	1169.669	4.46	Malpighian tubule	2L:-:6545607-6545572	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_31412	CNATIAWLDGNQTAEKEEFEHK	AGAP004944-PA	C1(Carbamidomethyl)	45	0.000447209	1	2591.187	1.43	Visceras	2L:-:6544365-6544300	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_33435	SIANAVITVPAYFNDSQR	AGAP004944-PA	-	73	5.99E-07	2	1966.005	1.2	Pupa	2L:-:6545673-6545620	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_39477	FEELNSDLFR	AGAP004944-PA	-	57	2.62E-05	2	1269.610	-1.09	Pupa	2L:-:6545181-6545152	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_42255	ARFEELNSDLFR	AGAP004944-PA	-	36	0.003539391	1	1496.756	4.5	Malpighian tubule	2L:-:6545187-6545152	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_50164	TTPSYVAFTDSER	AGAP004944-PA	-	95	3.88E-09	1	1473.687	0.78	Pupa	2L:-:6546061-6546023	exon=> In CDS Exon 1 of transcript AGAP004944-PA
JHU_Ag_55131	LQVEYKGEK	AGAP004944-PA	-	38	0.001562562	2	1093.591	2.3	Malpighian tubule	2L:-:6545778-6545752	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_55491	ELEAVCNPIIQK	AGAP004944-PA	C6(Carbamidomethyl)	36	0.002433563	2	1413.748	5.15	Ovary	2L:-:6544293-6544258	exon=> In CDS Exon 2 of transcript AGAP004944-PA

JHU_Ag_56352	NQVAMNPNNTIFDAK	AGAP004944-PA	M5(Oxidation)	105	4.76E-10	2	1692.804	1.73	Visceras	2L:-:6546001-6546169,6544141-6545872	exon=> In CDS Exon 2 and 1 of transcript AGAP004944-PA
JHU_Ag_57744	QATKDAGAIAGLNVLR	AGAP004944-PA	-	57	9.70E-06	1	1597.908	3.41	Malpighian tubule	2L:-:6545619-6545572	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_61475	ARFEELNSDLFR	AGAP004944-PA	-	63	7.49E-06	1	1496.746	-2.19	Head	2L:-:6545187-6545152	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_66182	FEELNSDLFR	AGAP004944-PA	-	57	2.43E-05	1	1269.612	0.74	Visceras	2L:-:6545181-6545152	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_67116	FEELNSDLFR	AGAP004944-PA	-	71	8.59E-07	1	1269.613	1.22	Head	2L:-:6545181-6545152	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_67324	VDIIANDQGNR	AGAP004944-PA	-	65	4.34E-06	2	1214.613	0.32	Head	2L:-:6546094-6546062	exon=> In CDS Exon 1 of transcript AGAP004944-PA
JHU_Ag_73032	LQVEYKGEK	AGAP004944-PA	-	41	0.000802443	1	1093.588	-0.94	Pupa	2L:-:6545778-6545752	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_74586	SIANAVITVPAYFNDSQR	AGAP004944-PA	-	69	1.63E-06	2	1966.010	3.74	Head	2L:-:6545673-6545620	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_76910	LQVEYKGEK	AGAP004944-PA	-	36	0.002734244	2	1093.591	2.3	Head	2L:-:6545778-6545752	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_78498	MVSHFVEEFK	AGAP004944-PA	M1(Oxidation)	48	0.000258932	1	1252.602	-0.73	Head	2L:-:6545376-6545347	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_78750	LSKEDIDR	AGAP004944-PA	-	45	0.000658364	2	975.510	-1	Pupa	2L:-:6544557-6544534	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_87896	NQVAMNPNNTIFDAK	AGAP004944-PA	M5(Oxidation)	96	3.74E-09	1	1692.801	0.07	Pupa	2L:-:6546001-6546169,6544141-6545872	exon=> In CDS Exon 2 and 1 of transcript AGAP004944-PA
JHU_Ag_90407	SFFPEEVSSMVLTK	AGAP004944-PA	-	44	0.000524044	2	1600.800	4.56	Head	2L:-:6545748-6545707	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_92074	DAGAIAGLNVLR	AGAP004944-PA	-	61	4.30E-06	2	1169.664	0.6	Ovary	2L:-:6545607-6545572	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_94409	TTPSYVAFTDSER	AGAP004944-PA	-	38	0.002227428	2	1473.692	4.43	Malpighian tubule	2L:-:6546061-6546023	exon=> In CDS Exon 1 of transcript AGAP004944-PA
JHU_Ag_94779	NSLEAYCFNMK	AGAP004944-PA	C7(Carbamidomethyl), M10(Oxidation),C7(Carbamidomethyl)	61	5.32E-06	2	1376.605	5.2	Malpighian tubule	2L:-:6544467-6544435	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_95080	DAGAIAGLNVLR	AGAP004944-PA	-	99	7.37E-10	2	1169.664	0.08	Head	2L:-:6545607-6545572	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_99768	SIANAVITVPAYFNDSQR	AGAP004944-PA	-	72	7.95E-07	1	1966.008	2.74	Visceras	2L:-:6545673-6545620	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_104785	NQVAMNPNNTIFDAK	AGAP004944-PA	M5(Oxidation)	74	8.14E-07	2	1676.808	1.04	Head	2L:-:6546001-6546169,6544141-6545872	exon=> In CDS Exon 2 and 1 of transcript AGAP004944-PA
JHU_Ag_105615	TPAVGIDLGTTYSCVGVFQHGK	AGAP004944-PA	C14(Carbamidomethyl)	109	1.89E-10	1	2307.150	2.86	Visceras	2L:-:6546160-6546095	exon=> In CDS Exon 1 of transcript AGAP004944-PA
JHU_Ag_111647	TTPSYVAFTDSER	AGAP004944-PA	-	107	2.42E-10	1	1473.689	1.94	Visceras	2L:-:6546061-6546023	exon=> In CDS Exon 1 of transcript AGAP004944-PA
JHU_Ag_112201	DAGAIAGLNVLR	AGAP004944-PA	-	83	2.79E-08	1	1169.665	0.92	Pupa	2L:-:6545607-6545572	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_112423	VDIIANDQGNR	AGAP004944-PA	-	64	4.42E-06	2	1214.611	-1.19	Pupa	2L:-:6546094-6546062	exon=> In CDS Exon 1 of transcript AGAP004944-PA
JHU_Ag_112765	KFDDATVQADMK	AGAP004944-PA	M11(Oxidation)	86	2.93E-08	2	1384.641	-0.07	Pupa	2L:-:6545856-6545821	exon=> In CDS Exon 2 of transcript AGAP004944-PA
JHU_Ag_116768	SFFPEEVSSMVLTK	AGAP004944-PA	M10(Oxidation)	74	6.81E-07	1	1600.795	1.13	Pupa	2L:-:6545748-6545707	exon=> In CDS Exon 2 of transcript AGAP004944-PA

JHU_Ag_692	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	103	4.03E-10	1	1424.788	1.73	Head	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_877	FELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	68	1.19E-06	2	1183.648	1.11	Salivary gland	2L:-:6544710-6544678;2R:+:14830124-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_2081	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	107	1.27E-10	1	1691.726	0.42	Pupa	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4734	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	85	2.67E-08	1	1691.740	8.5	Midgut	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_4785	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	91	5.92E-09	1	1424.782	-2.81	Midgut	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_8050	LLQDFFNGKELNK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated),N12(Deamidated)	81	9.99E-08	2	1566.821	3.05	Salivary gland	2L:-:6545040-6545002;2R:+:14829794-14829832	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_8547	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	64	3.18E-06	1	1938.043	-0.86	Midgut	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_13359	LLQDFFNGKELNK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated),N12(Deamidated)	90	1.14E-08	1	1566.819	1.81	Pupa	2L:-:6545040-6545002;2R:+:14829794-14829832	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_18905	ITITNDKGR	AGAP004944-PA,AGAP002076-PA	N5(Deamidated)	54	6.09E-05	2	1017.569	0.41	Salivary gland	2L:-:6544584-6544558;2R:+:14830250-14830276	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_19159	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	99	1.00E-09	1	1424.788	1.81	Salivary gland	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_20302	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	61	6.82E-06	1	1081.569	1.2	Salivary gland	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_21896	LLQDFFNGKELNK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	79	1.67E-07	1	1566.815	-1.08	Midgut	2L:-:6545040-6545002;2R:+:14829794-14829832	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_24283	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	110	7.11E-11	1	1691.729	1.72	Head	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_25185	FELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	79	8.63E-08	1	1183.652	3.89	Ovary	2L:-:6544710-6544678;2R:+:14830124-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_25311	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	150	1.76E-14	1	2758.337	1.83	Salivary gland	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_26152	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	48	0.000105252	2	1424.788	1.56	Larva	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_27501	LLQDFFNGKELNK	AGAP004944-PA,AGAP002076-PA	-	61	7.71E-06	1	1565.837	3.29	Head	2L:-:6545040-6545002;2R:+:14829794-14829832	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_34399	ASIHDIVLVGGSTRIPK	AGAP004944-PA,AGAP002076-PA	-	101	1.20E-10	1	1763.025	4.23	Malpighian tubule	2L:-:6545100-6545050;2R:+:14829734-14829784	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_38378	VQKLLQDFFNGK	AGAP004944-PA,AGAP002076-PA	-	71	4.39E-07	1	1436.797	4.86	Malpighian tubule	2L:-:6545049-6545014;2R:+:14829785-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_38427	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	120	6.77E-12	1	1938.052	3.74	Head	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_41412	AMTKDNNLLGK	AGAP004944-PA,AGAP002076-PA	-	62	8.92E-06	2	1204.640	3.38	Malpighian tubule	2L:-:6544743-6544711;2R:+:14830091-14830123	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_41932	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	49	0.000204079	1	2758.336	1.37	Male reproductive organs	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_43447	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	91	5.85E-09	1	1424.787	1.04	Ovary	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_48239	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	106	1.83E-10	1	1424.789	2.16	Malpighian tubule	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_48873	LLQDFFNGKELNK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated),N12(Deamidated)	87	2.31E-08	1	1565.836	2.67	Malpighian tubule	2L:-:6545040-6545002;2R:+:14829794-14829832	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_49961	FELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	68	1.07E-06	2	1183.647	-0.13	Head	2L:-:6544710-6544678;2R:+:14830124-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_50918	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	109	8.38E-11	1	1691.728	1.5	Visceras	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_51384	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	-	53	5.99E-05	1	1081.568	0.63	Visceras	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_54186	FELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	72	4.41E-07	2	1183.646	-0.65	Midgut	2L:-:6544710-6544678;2R:+:14830124-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_55401	ITITNDKGR	AGAP004944-PA,AGAP002076-PA	-	66	3.31E-06	1	1017.571	2.21	Malpighian tubule	2L:-:6544584-6544558;2R:+:14830250-14830276	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_55582	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	57	2.56E-05	1	1081.567	-0.43	Midgut	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_56416	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	58	1.65E-05	2	1081.573	5.04	Ovary	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_59750	DNNLLGK	AGAP004944-PA,AGAP002076-PA	-	48	0.000329292	1	773.419	4.8	Malpighian tubule	2L:-:6544731-6544711;2R:+:14830103-14830123	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_62527	FELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	46	0.000181693	1	1183.649	1.73	Male reproductive organs	2L:-:6544710-6544678;2R:+:14830124-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_63196	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	96	3.65E-09	2	2758.341	3.41	Visceras	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_64265	LLQDFFNGKELNK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	93	5.04E-09	1	1565.841	5.56	Ovary	2L:-:6545040-6545002;2R:+:14829794-14829832	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_65200	ITITNDKGR	AGAP004944-PA,AGAP002076-PA	-	41	0.001145552	1	1017.571	1.73	Male reproductive organs	2L:-:6544584-6544558;2R:+:14830250-14830276	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_65931	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	96	1.97E-09	1	1691.732	3.91	Ovary	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_66217	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	66	2.87E-06	1	1082.549	-2.87	Pupa	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_66238	DNNLLGK	AGAP004944-PA,AGAP002076-PA	-	48	0.000368151	1	773.415	-0.01	Midgut	2L:-:6544731-6544711;2R:+:14830103-14830123	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_66944	NTTIPTKQTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	85	2.64E-08	1	3513.776	7.41	Malpighian tubule	2L:-:6544836-6544744;2R:+:14829998-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_67020	MDKASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	47	0.000228229	1	1798.947	-0.64	Ovary	2L:-:6545109-6545059;2R:+:14829725-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_70301	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	113	8.81E-11	1	2758.344	4.35	Head	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_70974	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	94	3.24E-09	1	1938.044	-0.29	Pupa	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_71894	ITITNDKGR	AGAP004944-PA,AGAP002076-PA	-	53	6.18E-05	1	1017.568	-0.79	Midgut	2L:-:6544584-6544558;2R:+:14830250-14830276	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_72780	LLQDFFNGKELNK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated),N12(Deamidated)	85	4.15E-08	1	1566.815	-0.85	Male reproductive organs	2L:-:6545040-6545002;2R:+:14829794-14829832	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_73577	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	58	1.11E-05	1	1938.053	4.17	Malpighian tubule	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_76173	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	130	1.73E-12	1	2758.333	0.37	Malpighian tubule	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_76287	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	-	57	1.92E-05	1	1081.571	3	Head	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_77900	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	102	5.07E-10	1	1691.732	3.59	Salivary gland	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_78909	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	182	9.27E-18	1	2758.344	4.2	Ovary	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_79270	MDKASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	M1(Oxidation)	108	1.80E-10	1	1798.957	5.06	Malpighian tubule	2L:-:6545109-6545059;2R:+:14829725-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_79553	MDKASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	42	0.00076501	1	1798.950	0.78	Pupa	2L:-:6545109-6545059;2R:+:14829725-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_80178	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	96	1.97E-09	1	1424.785	-0.41	Male reproductive organs	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_81841	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	50	6.39E-05	2	1938.054	4.74	Visceras	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_86664	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	91	1.21E-08	2	2758.339	2.61	Midgut	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_88544	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	127	1.66E-12	1	1938.044	-0.23	Male reproductive organs	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_89391	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	94	3.39E-09	1	1938.045	0.46	Ovary	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_89954	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	53	5.95E-05	1	1081.568	0.07	Male reproductive organs	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_91175	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	106	1.80E-10	1	1691.729	2.22	Malpighian tubule	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_91561	FELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	56	1.77E-05	1	1183.648	0.7	Malpighian tubule	2L:-:6544710-6544678;2R:+:14830124-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_93488	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	93	3.62E-09	1	1424.789	1.99	Visceras	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_94650	STAGDTHLGGEDFDNR	AGAP004944-PA,AGAP002076-PA	-	74	2.54E-07	1	1691.728	1.35	Male reproductive organs	2L:-:6545424-6545377;2R:+:14829410-14829457	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_97745	DNNLLGKFELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	58	1.25E-05	1	1938.042	-1.37	Salivary gland	2L:-:6544731-6544678;2R:+:14830103-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_99803	ASIHDIVLVGGSTR	AGAP004944-PA,AGAP002076-PA	-	96	1.78E-09	1	1424.786	0.27	Pupa	2L:-:6545100-6545059;2R:+:14829734-14829775	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_102669	QTQTFTTYSDNQPGVLIQVFEGER	AGAP004944-PA,AGAP002076-PA	-	96	4.22E-09	2	2758.340	2.96	Pupa	2L:-:6544815-6544744;2R:+:14830019-14830090	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_104092	QTQTFTTYSDNQPGVLIQVFEGERAMTK	AGAP004944-PA,AGAP002076-PA	M26(Oxidation)	119	1.69E-11	1	3205.561	4.36	Malpighian tubule	2L:-:6544815-6544732;2R:+:14830019-14830102	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_105598	ITITNDKGR	AGAP004944-PA,AGAP002076-PA	-	66	2.76E-06	1	1017.574	4.79	Ovary	2L:-:6544584-6544558;2R:+:14830250-14830276	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_113906	ITITNDK	AGAP004944-PA,AGAP002076-PA	-	49	0.000169382	1	804.445	-1.47	Head	2L:-:6544584-6544564;2R:+:14830250-14830270	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_114291	LLQDFFNGK	AGAP004944-PA,AGAP002076-PA	N7(Deamidated)	65	3.58E-06	2	1082.553	1.19	Malpighian tubule	2L:-:6545040-6545014;2R:+:14829794-14829820	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_116402	FELSGIPPAPR	AGAP004944-PA,AGAP002076-PA	-	55	2.41E-05	2	1183.648	0.39	Pupa	2L:-:6544710-6544678;2R:+:14830124-14830156	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_2769	IINEPTAAAIAYGLDKK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	103	2.89E-10	1	1787.991	0.15	Male reproductive organs	2L:-:6545571-6545521;2R:+:51643356-51643406;2R:+:14829263-14829313	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_14485	IINEPTAAAIAYGLDKK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	128	1.00E-12	1	1787.990	-0.06	Midgut	2L:-:6545571-6545521;2R:+:51643356-51643406;2R:+:14829263-14829313	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_18790	ETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	44	0.000519851	1	981.491	2.59	Midgut	2L:-:6545700-6545674;2R:+:51643227-51643253;2R:+:14829134-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_20717	IINEPTAAAIAYGLDKK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	108	6.85E-11	1	1788.000	5.47	Malpighian tubule	2L:-:6545571-6545521;2R:+:51643356-51643406;2R:+:14829263-14829313	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_22352	MKETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	M1(Oxidation)	72	6.78E-07	2	1256.621	1.66	Head	2L:-:6545706-6545674;2R:+:51643221-51643253;2R:+:14829128-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_23735	IINEPTAAAIAYGLDK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	105	3.10E-10	2	1659.895	0.01	Male reproductive organs	2L:-:6545571-6545524;2R:+:51643356-51643403;2R:+:14829263-14829310	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_29110	ETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	42	0.000955586	2	981.489	0.09	Salivary gland	2L:-:6545700-6545674;2R:+:51643227-51643253;2R:+:14829134-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_48789	ETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	39	0.001757434	2	981.492	2.82	Malpighian tubule	2L:-:6545700-6545674;2R:+:51643227-51643253;2R:+:14829134-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_58272	IINEPTAAAIAYGLDK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	92	5.65E-09	1	1659.905	5.82	Malpighian tubule	2L:-:6545571-6545524;2R:+:51643356-51643403;2R:+:14829263-14829310	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_63671	MKETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	M1(Oxidation)	79	1.47E-07	1	1256.620	0.79	Midgut	2L:-:6545706-6545674;2R:+:51643221-51643253;2R:+:14829128-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_73249	IINEPTAAAIAYGLDK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	144	4.01E-14	1	1659.897	1.19	Salivary gland	2L:-:6545571-6545524;2R:+:51643356-51643403;2R:+:14829263-14829310	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_79023	IINEPTAAAIAYGLDK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	127	2.19E-12	1	1659.899	2.07	Pupa	2L:-:6545571-6545524;2R:+:51643356-51643403;2R:+:14829263-14829310	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA

JHU_Ag_81004	ETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	49	0.000206259	1	981.488	-0.64	Head	2L:-:6545700-6545674;2R:+:51643227-51643253;2R:+:14829134-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_89709	MKETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	M1(Oxidation)	90	1.14E-08	1	1240.628	3.19	Malpighian tubule	2L:-:6545706-6545674;2R:+:51643221-51643253;2R:+:14829128-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_92274	IINEPTAAAIAYGLDKK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	117	1.20E-11	1	1787.995	2.47	Pupa	2L:-:6545571-6545521;2R:+:51643356-51643406;2R:+:14829263-14829313	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_96109	MKETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	M1(Oxidation)	77	2.69E-07	1	1240.625	0.93	Salivary gland	2L:-:6545706-6545674;2R:+:51643221-51643253;2R:+:14829128-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_100669	IINEPTAAAIAYGLDKK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	120	6.03E-12	1	1787.990	-0.06	Salivary gland	2L:-:6545571-6545521;2R:+:51643356-51643406;2R:+:14829263-14829313	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_101640	IINEPTAAAIAYGLDK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	144	3.69E-14	1	1659.896	0.16	Midgut	2L:-:6545571-6545524;2R:+:51643356-51643403;2R:+:14829263-14829310	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_105867	MKETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	M1(Oxidation)	85	3.74E-08	1	1256.618	-0.77	Pupa	2L:-:6545706-6545674;2R:+:51643221-51643253;2R:+:14829128-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_108721	ETAEAYLGK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	50	0.000149912	2	981.489	0.4	Pupa	2L:-:6545700-6545674;2R:+:51643227-51643253;2R:+:14829134-14829160	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_112664	IINEPTAAAIAYGLDK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	125	2.96E-12	1	1659.901	3.54	Head	2L:-:6545571-6545524;2R:+:51643356-51643403;2R:+:14829263-14829310	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_117398	IINEPTAAAIAYGLDKK	AGAP004944-PA,AGAP004192-PA,AGAP002076-PA	-	111	3.93E-11	1	1787.994	2.26	Head	2L:-:6545571-6545521;2R:+:51643356-51643406;2R:+:14829263-14829313	exon=> In CDS Exon 2 of transcript AGAP004944-PA;exon=> In CDS Exon 1 of transcript AGAP004192-PA;exon=> In CDS Exon 1 of transcript AGAP002076-PA
JHU_Ag_5214	ALAELIGPYGIK	AGAP004946-PA	-	60	4.68E-06	2	1244.725	0.34	Ovary	2L:-:6556101-6556066	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_6811	DEILWLLR	AGAP004946-PA	-	41	0.00062859	2	1057.608	3.87	Head	2L:-:6557484-6557461	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_8812	ALAELIGPYGIK	AGAP004946-PA	-	36	0.001208624	2	1244.724	-0.54	Midgut	2L:-:6556101-6556066	exon=> In CDS Exon 1 of transcript AGAP004946-PA

JHU_Ag_10999	VFNNCLLQQTQPQDSHGEK	AGAP004946-PA	C5(Carbamidomethyl)	34	0.005664062	1	2243.052	0.53	Head	2L:-:6556323-6556267	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_21358	VPFLLSSIKDFQEHVPGGDPLK	AGAP004946-PA	-	49	7.83E-05	1	2423.312	6.19	Head	2L:-:6555819-6555754	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_22440	ALAELIGPYGIK	AGAP004946-PA	-	42	0.000277806	2	1244.727	1.32	Visceras	2L:-:6556101-6556066	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_38138	ELALIMTDQPGLLGPK	AGAP004946-PA	-	50	5.31E-05	2	1695.941	3.48	Ovary	2L:-:6557568-6557521	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_69040	LQQVDNLLQR	AGAP004946-PA	-	44	0.000225826	2	1226.691	4.79	Malpighian tubule	2L:-:6555924-6555895	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_73884	ALAELIGPYGIK	AGAP004946-PA	-	54	1.89E-05	2	1244.727	2.01	Head	2L:-:6556101-6556066	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_74560	NENSFYR	AGAP004946-PA	-	34	0.001817409	2	929.414	3.27	Malpighian tubule	2L:-:6555591-6555571	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_86521	RLQQVDNLLQR	AGAP004946-PA	-	40	0.00045337	2	1382.787	0.16	Head	2L:-:6555927-6555895	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_89718	VDPALSNALKAQK	AGAP004946-PA	N7(Deamidated)	33	0.003283527	1	1355.762	6.84	Visceras	2L:-:6555711-6555673	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_92640	LGQESDKEAIK	AGAP004946-PA	-	35	0.00536383	1	1217.652	11.82	Malpighian tubule	2L:-:6555420-6555388	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_97634	LSEEFVPHQR	AGAP004946-PA	-	59	1.56E-05	2	1241.631	2.95	Malpighian tubule	2L:-:6558048-6558019	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_97807	GLTAIASIKSEIIK	AGAP004946-PA	-	28	0.002864406	1	1443.858	-14.01	Salivary gland	2L:-:6558399-6558358	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_98592	VFNNCLLQQTQPQDSHGEK	AGAP004946-PA	C5(Carbamidomethyl)	50	0.000135634	1	2243.055	1.67	Ovary	2L:-:6556323-6556267	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_99420	LQQVDNLLQR	AGAP004946-PA	-	48	0.000115435	2	1226.684	-0.68	Ovary	2L:-:6555924-6555895	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_101317	ALVGMVMYSPDTSEIAKPSELLASVR	AGAP004946-PA	M5(Oxidation), M7(Oxidation)	71	9.89E-07	1	2796.426	3.49	Malpighian tubule	2L:-:6556458-6556381	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_109258	LSEEFVPHQR	AGAP004946-PA	-	56	2.60E-05	1	1241.629	1.28	Head	2L:-:6558048-6558019	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_111378	LLSSAINSLTK	AGAP004946-PA	-	39	0.00043905	2	1146.673	-0.33	Midgut	2L:-:6558018-6557986	exon=> In CDS Exon 1 of transcript AGAP004946-PA
JHU_Ag_45072	KLFVGMLSK	AGAP004950-PA,AGAP009477-PA	-	36	0.000760087	1	1022.610	3.32	Malpighian tubule	2L:+:6923638-6923664;3R:+:34352539-34352565	exon=> In CDS Exon 1 of transcript AGAP004950-PA;exon=> In CDS Exon 1 of transcript AGAP009477-PA
JHU_Ag_8766	LFLELEPQLR	AGAP004953-PA	-	54	3.70E-05	1	1257.719	-0.83	Ovary	2L:-:7175337-7175308	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_9882	GHDDLGDHYLNCGDLSNALK	AGAP004953-PA	C12(Carbamidomethyl)	87	1.57E-08	1	2213.990	0.81	Ovary	2L:-:7175793-7175734	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_35353	LFLELEPQLR	AGAP004953-PA	-	43	0.00046623	2	1257.723	2.08	Visceras	2L:-:7175337-7175308	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_72446	AEGTAEIAETSK	AGAP004953-PA	-	61	1.10E-05	1	1206.584	-0.82	Ovary	2L:-:7175610-7175575	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_81373	LFLELEPQLR	AGAP004953-PA	-	36	0.002341438	2	1257.724	3.34	Pupa	2L:-:7175337-7175308	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_81807	SVAALENELMQLILEGQIQAR	AGAP004953-PA	M10(Oxidation)	124	2.55E-12	1	2342.237	-0.83	Ovary	2L:-:7175103-7175041	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_97978	RGHDDLGDHYLNCGDLSNALK	AGAP004953-PA	C13(Carbamidomethyl)	108	2.35E-10	1	2370.104	6.22	Ovary	2L:-:7175796-7175734	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_100527	GHDDLGDHYLNCGDLSNALK	AGAP004953-PA	C12(Carbamidomethyl)	69	9.76E-07	1	2213.992	1.89	Midgut	2L:-:7175793-7175734	exon=> In CDS Exon 2 of transcript AGAP004953-PA
JHU_Ag_114758	LFLELEPQLR	AGAP004953-PA	-	41	0.000876194	2	1257.723	1.88	Head	2L:-:7175337-7175308	exon=> In CDS Exon 2 of transcript AGAP004953-PA

JHU_Ag_21202	NAGWYSLLVHEK	AGAP004954-PA	N1(Deamidated)	67	3.56E-06	1	1417.726	10.52	Midgut	2L:-:7178157-7178122	exon=> In CDS Exon 3 of transcript AGAP004954-PA
JHU_Ag_23066	NAGWYSLLVHEK	AGAP004954-PA	-	92	9.43E-09	1	1416.733	4.41	Malpighian tubule	2L:-:7178157-7178122	exon=> In CDS Exon 3 of transcript AGAP004954-PA
JHU_Ag_40102	FRLITFDVHNTLLQFR	AGAP004954-PA	-	53	1.96E-05	1	2020.120	3.77	Malpighian tubule	2L:-:7180351-7180304	exon=> In CDS Exon 1 of transcript AGAP004954-PA
JHU_Ag_52690	LITFDVHNTLLQFR	AGAP004954-PA	-	39	0.000756682	2	1716.945	1.31	Head	2L:-:7180345-7180304	exon=> In CDS Exon 1 of transcript AGAP004954-PA
JHU_Ag_56310	LDILLR	AGAP004954-PA	-	42	0.00024256	2	742.481	-1.84	Malpighian tubule	2L:-:7178352-7178335	exon=> In CDS Exon 3 of transcript AGAP004954-PA
JHU_Ag_95548	LITFDVHNTLLQFR	AGAP004954-PA	-	48	0.000115057	1	1716.945	1.23	Visceras	2L:-:7180345-7180304	exon=> In CDS Exon 1 of transcript AGAP004954-PA
JHU_Ag_110170	LDILLR	AGAP004954-PA	-	34	0.002502811	2	742.484	2.84	Salivary gland	2L:-:7178352-7178335	exon=> In CDS Exon 3 of transcript AGAP004954-PA
JHU_Ag_113059	YGQLVEDNHVFSSLFDIHK	AGAP004954-PA	-	62	9.77E-06	1	2248.113	4.39	Malpighian tubule	2L:-:7178097-7178041	exon=> In CDS Exon 3 of transcript AGAP004954-PA
JHU_Ag_93260	DTDAPVILDVDEER	AGAP004955-PA,AGAP004955-PB	-	47	0.00029189	2	1586.757	1.65	Salivary gland	2L:+:7182167-7182208;2L:+:7182167-7182208	exon=> In CDS Exon 1 of transcript AGAP004955-PA;exon=> In CDS Exon 1 of transcript AGAP004955-PB
JHU_Ag_2439	IDVGILTTGLSSEAR	AGAP004956-PA	-	102	6.86E-10	1	1531.833	0.16	Ovary	2L:-:7183883-7183839	exon=> In CDS Exon 6 of transcript AGAP004956-PA
JHU_Ag_6519	QVNVGSSDAHLDPIQEESQASAGDIPSSGPR	AGAP004956-PA	-	71	1.09E-06	1	3148.477	-0.32	Ovary	2L:-:7186150-7186058	exon=> In CDS Exon 2 of transcript AGAP004956-PA
JHU_Ag_14381	LEEIHTLEEPYLNFNCSHLK	AGAP004956-PA	C16(Carbamidomethyl)	115	4.80E-11	1	2486.200	-0.86	Ovary	2L:-:7185913-7186455,7185732-7185780	exon=> In CDS Exon 3 and 2 of transcript AGAP004956-PA
JHU_Ag_33136	ALNPEDIDQIITISGMVIR	AGAP004956-PA	-	46	0.000180993	2	2098.122	0.35	Ovary	2L:-:7185544-7185488	exon=> In CDS Exon 4 of transcript AGAP004956-PA
JHU_Ag_34803	THIDVLHFR	AGAP004956-PA	-	52	5.42E-05	1	1137.623	5.96	Ovary	2L:-:7185121-7185095	exon=> In CDS Exon 4 of transcript AGAP004956-PA
JHU_Ag_42539	YPAAILEHQIQVRPFNADK	AGAP004956-PA	-	74	3.38E-07	1	2210.170	-0.98	Ovary	2L:-:7185616-7185560	exon=> In CDS Exon 4 of transcript AGAP004956-PA
JHU_Ag_46777	EHINPVLSEEAQLR	AGAP004956-PA	-	79	1.92E-07	2	1634.851	1	Ovary	2L:-:7184138-7184097	exon=> In CDS Exon 6 of transcript AGAP004956-PA
JHU_Ag_62337	SQLLQYVYNLVPR	AGAP004956-PA	-	71	3.72E-07	2	1592.882	1.78	Ovary	2L:-:7184815-7184777	exon=> In CDS Exon 4 of transcript AGAP004956-PA
JHU_Ag_66814	GILLQMFGGSK	AGAP004956-PA	M6(Oxidation)	52	5.40E-05	2	1150.630	0.52	Ovary	2L:-:7184929-7184897	exon=> In CDS Exon 4 of transcript AGAP004956-PA
JHU_Ag_79079	TSILAAANPSESQWNK	AGAP004956-PA	-	72	1.16E-06	2	1716.861	3.31	Ovary	2L:-:7184460-7184413	exon=> In CDS Exon 5 of transcript AGAP004956-PA
JHU_Ag_93210	YIDPNAAQDELTEGINLNEPLYMQK	AGAP004956-PA	-	33	0.007882724	1	2879.374	-0.9	Ovary	2L:-:7185988-7185914	exon=> In CDS Exon 2 of transcript AGAP004956-PA
JHU_Ag_94649	IAEPTLCSHCNTNHCFQLIHNR	AGAP004956-PA	C7(Carbamidomethyl), C10(Carbamidomethyl), C15(Carbamidomethyl)	100	1.51E-09	1	2722.253	4.77	Ovary	2L:-:7185397-7185332	exon=> In CDS Exon 4 of transcript AGAP004956-PA
JHU_Ag_2323	ATCIGNNSAAAVSALK	AGAP004960-PA	C3(Carbamidomethyl)	137	3.30E-13	1	1547.785	0.17	Head	2L:-:7196434-7196705,7196219-7196322	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_3013	IEMAVLTR	AGAP004960-PA	M3(Oxidation)	54	5.32E-05	1	948.518	-0.62	Ovary	2L:-:7196219-7196342,7195996-7196122	exon=> In CDS Exon 5 and 4 of transcript AGAP004960-PA
JHU_Ag_7190	LNDDMVCSVAGITSDANVLTNLLR	AGAP004960-PA	M5(Oxidation), C7(Carbamidomethyl)	141	1.10E-13	1	2607.276	0.26	Ovary	2L:-:7196788-7196986,7196408-7196642	exon=> In CDS Exon 3 and 2 of transcript AGAP004960-PA

JHU_Ag_8661	ATCIGNNSAAAVSALKQELSDSDISLVQAQDLAVK	AGAP004960-PA	C3(Carbamidomethyl)	63	3.98E-06	1	3587.819	-0.8	Head	2L:-:7196434-7196705,7196219-7196265	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_9194	DGILLAAER	AGAP004960-PA	-	56	3.61E-05	1	957.536	-0.69	Midgut	2L:-:7196869-7196843	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_9222	LLDNVIFSEK	AGAP004960-PA	-	52	7.50E-05	2	1177.647	0.55	Salivary gland	2L:-:7196827-7196798	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_9467	ATCIGNNSAAAVSALK	AGAP004960-PA	C3(Carbamidomethyl)	131	1.47E-12	1	1547.786	1.04	Ovary	2L:-:7196434-7196705,7196219-7196322	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_10117	HYGYQLYQSDPSGNYGGWK	AGAP004960-PA	-	77	1.98E-07	2	2219.985	3.16	Visceras	2L:-:7196491-7196435	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_10203	HYGYQLYQSDPSGNYGGWK	AGAP004960-PA	-	74	3.22E-07	1	2219.978	-0.15	Male reproductive organs	2L:-:7196491-7196435	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_13832	YQLNYGEAMPCEQLVSHLCDVK	AGAP004960-PA	M9(Oxidation), C11(Carbamidomethyl), C19(Carbamidomethyl)	34	0.004278 81	1	2670.207	2.8	Head	2L:-:7196626-7196561	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_15022	LLDNVIFSEK	AGAP004960-PA	-	78	1.89E-07	1	1177.646	0.03	Male reproductive organs	2L:-:7196827-7196798	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_15489	TTIFSPEGR	AGAP004960-PA	-	38	0.002969 177	1	1007.515	-0.55	Head	2L:-:7196965-7196939	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_15752	LLDNVIFSEK	AGAP004960-PA	-	50	9.24E-05	1	1177.652	4.66	Midgut	2L:-:7196827-7196798	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_16095	TTIFSPEGR	AGAP004960-PA	-	48	0.000278 017	1	1007.516	0.05	Male reproductive organs	2L:-:7196965-7196939	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_17123	YEKAEAEAEAAK	AGAP004960-PA	-	41	0.001345 119	2	1309.626	-0.54	Head	2L:-:7196058-7196023	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_20657	DGILLAAER	AGAP004960-PA	-	61	1.10E-05	1	957.536	-0.38	Male reproductive organs	2L:-:7196869-7196843	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_22589	LYQVEYAMEAISHAGTSLGILAK	AGAP004960-PA	M8(Oxidation)	82	7.98E-08	1	2481.270	0.15	Male reproductive organs	2L:-:7196938-7196870	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_22599	ILSSAEVDGLIAK	AGAP004960-PA	-	83	3.52E-08	2	1315.746	-0.34	Head	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_23789	RPFGVSILYMGWDK	AGAP004960-PA	-	74	5.46E-07	1	1668.859	1.2	Visceras	2L:-:7196533-7196492	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_26460	YQLNYGEAMPCEQLVSHLCDVK	AGAP004960-PA	M9(Oxidation), C11(Carbamidomethyl), C19(Carbamidomethyl)	82	6.99E-08	1	2670.205	2.12	Ovary	2L:-:7196626-7196561	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_26611	LTSEKIEMAVLTR	AGAP004960-PA	M8(Oxidation)	76	2.81E-07	1	1506.821	0.69	Male reproductive organs	2L:-:7196234-7196342,7195996-7196122	exon=> In CDS Exon 5 and 4 of transcript AGAP004960-PA
JHU_Ag_29504	ILSSAEVDGLIAK	AGAP004960-PA	-	89	9.17E-09	2	1315.748	1.15	Visceras	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_30532	HYGYQLYQSDPSGNYGGWK	AGAP004960-PA	-	100	8.30E-10	1	2219.980	0.85	Midgut	2L:-:7196491-7196435	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_31813	LLDNVIFSEK	AGAP004960-PA	-	73	5.39E-07	1	1177.649	2.11	Ovary	2L:-:7196827-7196798	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_32520	ILSSAEVDGLIAK	AGAP004960-PA	-	46	0.000162 997	2	1315.752	4.21	Malpighian tubule	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_35315	AEAEAEAAKK	AGAP004960-PA	-	34	0.008134 594	2	1017.525	3.76	Head	2L:-:7196049-7196020	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_36011	AEAEAEAAK	AGAP004960-PA	-	47	0.000291 969	1	889.425	-1.44	Male reproductive organs	2L:-:7196049-7196023	exon=> In CDS Exon 5 of transcript AGAP004960-PA

JHU_Ag_37746	HYGYQLYQSDPSGNYGGWK	AGAP004960-PA	-	105	2.82E-10	1	2219.981	1.07	Malpighian tubule	2L:-:7196491-7196435	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_42789	YQLNYGEAMPCEQLVSHLCDVK	AGAP004960-PA	C11(Carbamidomethyl), C19(Carbamidomethyl)	40	0.001104968	1	2654.217	4.58	Malpighian tubule	2L:-:7196626-7196561	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_44023	ATCIGNNSAAAVSALK	AGAP004960-PA	C3(Carbamidomethyl), N6(Deamidated),C3(Carbamidomethyl)	101	1.26E-09	1	1547.782	-1.88	Male reproductive organs	2L:-:7196434-7196705,7196219-7196322	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_46645	RPFGVSILYMGWDK	AGAP004960-PA	M10(Oxidation)	71	1.15E-06	1	1684.851	-0.4	Ovary	2L:-:7196533-7196492	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_48184	LYQVEYAMEAISHAGTSLGILAK	AGAP004960-PA	M8(Oxidation)	126	2.83E-12	1	2481.278	3.62	Ovary	2L:-:7196938-7196870	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_49884	ATCIGNNSAAAVSALK	AGAP004960-PA	C3(Carbamidomethyl)	102	1.10E-09	2	1547.787	1.27	Pupa	2L:-:7196434-7196705,7196219-7196322	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_50788	ILSSAEVDGLIAK	AGAP004960-PA	-	73	3.40E-07	2	1315.745	-1.27	Salivary gland	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_51829	AEAEAEAAKK	AGAP004960-PA	-	66	3.89E-06	1	1017.520	-0.86	Midgut	2L:-:7196049-7196020	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_55505	ATCIGNNSAAAVSALKQELSDSDISLVQAQDLAVK	AGAP004960-PA	C3(Carbamidomethyl)	54	3.34E-05	1	3587.828	1.55	Visceras	2L:-:7196434-7196705,7196219-7196265	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_56922	QELSDSDISLVQAQDLAVK	AGAP004960-PA	-	116	3.29E-11	2	2059.060	2.02	Male reproductive organs	2L:-:7196321-7196265	exon=> In CDS Exon 4 of transcript AGAP004960-PA
JHU_Ag_58356	QELSDSDISLVQAQDLAVK	AGAP004960-PA	-	98	2.26E-09	1	2059.058	1.43	Visceras	2L:-:7196321-7196265	exon=> In CDS Exon 4 of transcript AGAP004960-PA
JHU_Ag_58893	HYGYQLYQSDPSGNYGGWK	AGAP004960-PA	-	114	3.40E-11	1	2219.983	2.33	Ovary	2L:-:7196491-7196435	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_59914	ILSSAEVDGLIAK	AGAP004960-PA	-	101	5.91E-10	2	1315.746	-0.62	Midgut	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_61793	HYGYQLYQSDPSGNYGGWK	AGAP004960-PA	-	81	6.89E-08	1	2219.982	1.75	Pupa	2L:-:7196491-7196435	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_62800	IEMAVLTR	AGAP004960-PA	M3(Oxidation)	64	4.98E-06	2	948.519	0.22	Pupa	2L:-:7196219-7196342,7195996-7196122	exon=> In CDS Exon 5 and 4 of transcript AGAP004960-PA
JHU_Ag_63251	ILSSAEVDGLIAK	AGAP004960-PA	-	95	2.50E-09	2	1315.748	0.68	Male reproductive organs	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_68453	LYQVEYAMEAISHAGTSLGILAK	AGAP004960-PA	M8(Oxidation)	76	2.54E-07	1	2481.279	3.84	Pupa	2L:-:7196938-7196870	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_68721	LTSEKIEMAVLTR	AGAP004960-PA	M8(Oxidation)	56	2.80E-05	1	1506.819	-0.2	Midgut	2L:-:7196234-7196342,7195996-7196122	exon=> In CDS Exon 5 and 4 of transcript AGAP004960-PA
JHU_Ag_71314	QELSDSDISLVQAQDLAVK	AGAP004960-PA	-	143	5.73E-14	2	2059.056	0.36	Pupa	2L:-:7196321-7196265	exon=> In CDS Exon 4 of transcript AGAP004960-PA
JHU_Ag_72264	AEAEAEAAKK	AGAP004960-PA	-	53	7.82E-05	1	1017.520	-0.74	Male reproductive organs	2L:-:7196049-7196020	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_73383	QELSDSDISLVQAQDLAVK	AGAP004960-PA	-	70	1.07E-06	2	2059.063	3.56	Midgut	2L:-:7196321-7196265	exon=> In CDS Exon 4 of transcript AGAP004960-PA
JHU_Ag_75040	AEAEAEAAKK	AGAP004960-PA	-	54	6.88E-05	2	1017.521	-0.2	Malpighian tubule	2L:-:7196049-7196020	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_77759	DGILLAAER	AGAP004960-PA	-	40	0.00150073	2	957.537	0.18	Visceras	2L:-:7196869-7196843	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_78388	DGILLAAER	AGAP004960-PA	-	54	5.14E-05	1	957.536	0.01	Pupa	2L:-:7196869-7196843	exon=> In CDS Exon 2 of transcript AGAP004960-PA

JHU_Ag_79478	ATCIGNNSAAAVSALK	AGAP004960-PA	C3(Carbamidomethyl)	68	2.62E-06	2	1547.787	1.2	Visceras	2L:-:7196434-7196705,7196219-7196322	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_80093	LLDNVIFSEK	AGAP004960-PA	-	65	2.65E-06	1	1177.651	3.66	Malpighian tubule	2L:-:7196827-7196798	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_84615	DGILLAAER	AGAP004960-PA	-	69	1.74E-06	1	957.537	0.5	Ovary	2L:-:7196869-7196843	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_85769	ILSSAEVDGLIAK	AGAP004960-PA	-	104	2.61E-10	2	1315.748	1.24	Ovary	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_88325	LYQVEYAMEAISHAGTSLGILAK	AGAP004960-PA	M8(Oxidation)	83	5.46E-08	1	2481.275	2.15	Head	2L:-:7196938-7196870	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_92494	QELSDSDISLVQAQDLAVK	AGAP004960-PA	-	42	0.00067297	2	2059.063	3.56	Malpighian tubule	2L:-:7196321-7196265	exon=> In CDS Exon 4 of transcript AGAP004960-PA
JHU_Ag_94555	LLDNVIFSEK	AGAP004960-PA	-	72	4.52E-07	2	1177.650	3.35	Pupa	2L:-:7196827-7196798	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_99956	LYQVEYAMEAISHAGTSLGILAK	AGAP004960-PA	M8(Oxidation)	110	1.23E-10	1	2481.267	-1.1	Midgut	2L:-:7196938-7196870	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_103445	YQLNYGEAMPCEQLVSHLCDVK	AGAP004960-PA	C11(Carbamidomethyl), C19(Carbamidomethyl),"M9(Oxidation), C11(Carbamidomethyl), C19(Carbamidomethyl)"	77	2.21E-07	1	2670.201	0.61	Midgut	2L:-:7196626-7196561	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_104380	QELSDSDISLVQAQDLAVK	AGAP004960-PA	-	146	3.40E-14	1	2059.058	1.07	Ovary	2L:-:7196321-7196265	exon=> In CDS Exon 4 of transcript AGAP004960-PA
JHU_Ag_106215	IEMAVLTR	AGAP004960-PA	M3(Oxidation)	52	8.35E-05	2	948.518	-0.36	Male reproductive organs	2L:-:7196219-7196342,7195996-7196122	exon=> In CDS Exon 5 and 4 of transcript AGAP004960-PA
JHU_Ag_107721	QELSDSDISLVQAQDLAVK	AGAP004960-PA	-	117	2.45E-11	2	2059.060	2.38	Head	2L:-:7196321-7196265	exon=> In CDS Exon 4 of transcript AGAP004960-PA
JHU_Ag_109958	ATCIGNNSAAAVSALKQELSDSDISLVQAQDLAVK	AGAP004960-PA	C3(Carbamidomethyl)	40	0.00074088	3	3587.830	2.26	Midgut	2L:-:7196434-7196705,7196219-7196265	exon=> In CDS Exon 4 and 3 of transcript AGAP004960-PA
JHU_Ag_111719	RPFGVSILYMGWDK	AGAP004960-PA	-	72	9.04E-07	1	1668.856	-0.45	Male reproductive organs	2L:-:7196533-7196492	exon=> In CDS Exon 3 of transcript AGAP004960-PA
JHU_Ag_115530	ILSSAEVDGLIAK	AGAP004960-PA	-	102	4.29E-10	1	1315.750	2.17	Pupa	2L:-:7196097-7196059	exon=> In CDS Exon 5 of transcript AGAP004960-PA
JHU_Ag_116517	TTIFSPEGR	AGAP004960-PA	-	45	0.00061864	1	1007.516	0.54	Pupa	2L:-:7196965-7196939	exon=> In CDS Exon 2 of transcript AGAP004960-PA
JHU_Ag_48510	SLFEHVPGLEEK	AGAP004964-PA,AGAP012779-PA,AGAP012902-PA	-	55	4.62E-05	2	1384.711	0.51	Head	2L:-:7275885-7275850;UNKN:+:28624666-28624701;UNKN:-:37431542-37431507	exon=> In CDS Exon 2 of transcript AGAP004964-PA;exon=> In CDS Exon 2 of transcript AGAP012779-PA;exon=> In CDS Exon 1 of transcript AGAP012902-PA
JHU_Ag_100723	SLFEHVPGLEEK	AGAP004964-PA,AGAP012779-PA,AGAP012902-PA	-	72	8.94E-07	1	1384.713	1.39	Malpighian tubule	2L:-:7275885-7275850;UNKN:+:28624666-28624701;UNKN:-:37431542-37431507	exon=> In CDS Exon 2 of transcript AGAP004964-PA;exon=> In CDS Exon 2 of transcript AGAP012779-PA;exon=> In CDS Exon 1 of transcript AGAP012902-PA

JHU_Ag_113942	SLFEHVPGLEEK	AGAP004964-PA,AGAP012779-PA,AGAP012902-PA	-	77	2.40E-07	1	1384.712	0.68	Midgut	2L:-:7275885-7275850;UNKN:+:28624666-28624701;UNKN:-:37431542-37431507	exon=> In CDS Exon 2 of transcript AGAP004964-PA;exon=> In CDS Exon 2 of transcript AGAP012779-PA;exon=> In CDS Exon 1 of transcript AGAP012902-PA
JHU_Ag_98311	QRLMWQR	AGAP004969-PA	Q6(Deamidated)	36	0.005288242	1	1018.535	9.99	Malpighian tubule	2L:+:7303268-7303288	exon=> In CDS Exon 3 of transcript AGAP004969-PA
JHU_Ag_1770	LNPILFQYALSVAIQHRPDTK	AGAP004975-PA	-	107	6.91E-11	1	2424.344	1.65	Pupa	2L:-:7443703-7443641	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_2579	IAESIDGGYVVGPGGNR	AGAP004975-PA	-	46	0.0004667	1	1660.833	2.66	Malpighian tubule	2L:-:7442976-7443042,7442253-7442866	exon=> In CDS Exon 4 and 3 of transcript AGAP004975-PA
JHU_Ag_3436	DLNIPSFLELFPDSFVDPSVFPK	AGAP004975-PA	-	65	3.72E-06	1	2623.338	1.91	Pupa	2L:-:7443640-7443572	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_3610	DRLNPILFQYALSVAIQHRPDTK	AGAP004975-PA	-	99	4.17E-10	1	2695.472	1.62	Pupa	2L:-:7443709-7443641	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_5308	VRPLTNLREPLPEGYFPK	AGAP004975-PA	-	46	0.000118974	3	2126.178	1.05	Head	2L:-:7443219-7443166	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_7558	YRPIGASLQSR	AGAP004975-PA	-	61	7.22E-06	1	1247.686	0.14	Pupa	2L:-:7443940-7443908	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_9432	FTVNLNPGTNNIVR	AGAP004975-PA	-	73	5.88E-07	1	1558.834	0.22	Head	2L:-:7442265-7442880,7441935-7442156	exon=> In CDS Exon 5 and 4 of transcript AGAP004975-PA
JHU_Ag_12655	NVSPPAISFAEAVPR	AGAP004975-PA	-	90	1.00E-08	2	1554.831	2.52	Head	2L:-:7443871-7443827	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_14011	LREEGAIVQAENR	AGAP004975-PA	-	70	1.17E-06	1	1484.782	0.08	Visceras	2L:-:7443571-7443533	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_15711	QVALSNINEPSTEQFR	AGAP004975-PA	-	107	3.58E-10	2	1832.918	2.11	Head	2L:-:7442107-7442060	exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_16020	VDDSVTFTVSDLER	AGAP004975-PA	-	78	2.41E-07	1	1582.761	0.99	Pupa	2L:-:7443030-7442989	exon=> In CDS Exon 3 of transcript AGAP004975-PA
JHU_Ag_21421	LREEGAIVQAENR	AGAP004975-PA	-	46	0.000335462	2	1484.786	2.8	Larva	2L:-:7443571-7443533	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_23159	FCNCGWPHHLLIPK	AGAP004975-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	70	1.74E-06	1	1778.857	-2.47	Pupa	2L:-:7442059-7442018	exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_23324	IAESIDGGYVVGPGGNRIPLDER	AGAP004975-PA	N16(Deamidated)	122	7.12E-12	1	2384.235	6.1	Malpighian tubule	2L:-:7442976-7443042,7442253-7442848	exon=> In CDS Exon 4 and 3 of transcript AGAP004975-PA
JHU_Ag_25186	VRPLTNLREPLPEGYFPK	AGAP004975-PA	-	55	1.48E-05	1	2126.175	-0.16	Pupa	2L:-:7443219-7443166	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_25781	MTIDIPMNYTASDR	AGAP004975-PA	M1(Oxidation), M7(Oxidation)	41	0.000571881	2	1659.737	0.83	Pupa	2L:-:7443459-7443418	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_26509	LTVNNTSGATR	AGAP004975-PA	-	77	3.40E-07	2	1133.593	2.17	Malpighian tubule	2L:-:7442397-7442365	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_27983	LREEGAIVQAENR	AGAP004975-PA	-	71	9.19E-07	1	1484.787	3.54	Malpighian tubule	2L:-:7443571-7443533	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_30994	LLALLQRPLEPTFYPKDNGK	AGAP004975-PA	N18(Deamidated)	34	0.001340793	1	2314.285	2.01	Pupa	2L:-:7444039-7443980	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_31760	VRPLTNLREPLPEGYFPK	AGAP004975-PA	N6(Deamidated)	57	7.33E-06	1	2126.184	3.72	Malpighian tubule	2L:-:7443219-7443166	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_33686	LLALLQRPLEPTFYPKDNGK	AGAP004975-PA	N18(Deamidated)	62	1.90E-06	1	2314.288	3.07	Malpighian tubule	2L:-:7444039-7443980	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_34641	IAESIDGGYVVGPGGNR	AGAP004975-PA	-	108	3.02E-10	1	1660.828	-0.87	Pupa	2L:-:7442976-7443042,7442253-7442866	exon=> In CDS Exon 4 and 3 of transcript AGAP004975-PA

JHU_Ag_39442	TLQPYNANQLNYNGIQIQSLGVQLNR	AGAP004975-PA	Q3(Deamidated), N25(Deamidated),N13(Deamidated),"N11(Deamidated), N13(Deamidated)"	86	1.78E-08	2	2960.539	5.68	Pupa	2L:-:7442613-7442536	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_39893	QVALSNINEPSTEQFR	AGAP004975-PA	-	65	5.37E-06	2	1832.921	4.1	Larva	2L:-:7442107-7442060	exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_45396	LTVNNTSGATR	AGAP004975-PA	-	57	3.27E-05	2	1133.594	2.92	Larva	2L:-:7442397-7442365	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_45561	IAESIDGGYVVGPGGNRIPLDER	AGAP004975-PA	-	141	1.05E-13	1	2384.220	-0.43	Pupa	2L:-:7442976-7443042,7442253-7442848	exon=> In CDS Exon 4 and 3 of transcript AGAP004975-PA
JHU_Ag_49069	QVALSNINEPSTEQFR	AGAP004975-PA	-	85	5.29E-08	2	1832.921	4.17	Malpighian tubule	2L:-:7442107-7442060	exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_54000	KLLALLQRPLEPTFYPK	AGAP004975-PA	-	93	4.27E-10	1	2027.207	0.91	Pupa	2L:-:7444042-7443992	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_54024	QVALSNINEPSTEQFR	AGAP004975-PA	-	121	1.61E-11	2	1832.916	1.17	Pupa	2L:-:7442107-7442060	exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_58841	VRPLTNLR	AGAP004975-PA	-	50	2.65E-05	1	968.600	0.06	Pupa	2L:-:7443219-7443196	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_61582	DLNIPSFLELFPDSFVDPSVFPK	AGAP004975-PA	-	37	0.001946491	1	2623.356	8.8	Visceras	2L:-:7443640-7443572	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_63788	GGFSLFNPK	AGAP004975-PA	-	44	0.000379737	2	966.504	-0.01	Pupa	2L:-:7443823-7443797	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_68054	NVSPPAISFAEAVPR	AGAP004975-PA	-	107	1.91E-10	1	1554.831	1.97	Pupa	2L:-:7443871-7443827	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_69993	IAESIDGGYVVGPGGNRIPLDER	AGAP004975-PA	-	91	1.02E-08	1	2384.225	1.8	Head	2L:-:7442976-7443042,7442253-7442848	exon=> In CDS Exon 4 and 3 of transcript AGAP004975-PA
JHU_Ag_71544	EEGAIVQAENR	AGAP004975-PA	-	39	0.001417195	2	1215.593	-3	Pupa	2L:-:7443565-7443533	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_72137	LTVNNTSGATR	AGAP004975-PA	N5(Deamidated)	78	2.61E-07	1	1133.589	-1.38	Pupa	2L:-:7442397-7442365	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_72172	IFIGPK	AGAP004975-PA	-	30	0.003631321	1	674.424	-0.13	Pupa	2L:-:7442349-7442332	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_72249	QVALSNINEPSTEQFR	AGAP004975-PA	-	52	0.000117023	2	1832.918	2.31	Visceras	2L:-:7442107-7442060	exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_73499	DINRVDDSVTFTVSDLER	AGAP004975-PA	-	53	8.23E-05	1	2081.014	-0.42	Pupa	2L:-:7443042-7442989	exon=> In CDS Exon 3 of transcript AGAP004975-PA
JHU_Ag_75082	EDIGVNLHHWHWHLVYPGEGPDR	AGAP004975-PA	-	132	8.54E-13	1	2763.316	-0.57	Pupa	2L:-:7443387-7443319	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_75411	FGNDADTRIPVR	AGAP004975-PA	-	45	0.000444919	1	1360.701	2.99	Malpighian tubule	2L:-:7443907-7443872	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_77438	DPSFYR	AGAP004975-PA	-	40	0.000842973	2	784.362	-0.75	Pupa	2L:-:7442673-7442656	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_78302	LREEGAIVQAENR	AGAP004975-PA	-	83	5.48E-08	1	1484.783	0.82	Pupa	2L:-:7443571-7443533	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_78780	DRLNPILFQYALSVAIQHRPDTK	AGAP004975-PA	-	39	0.000376603	4	2695.479	4.06	Larva	2L:-:7443709-7443641	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_80795	TVVDLPENFLTER	AGAP004975-PA	-	66	3.62E-06	1	1532.798	1.84	Pupa	2L:-:7443979-7443941	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_81140	GNTNMATSQVQIR	AGAP004975-PA	M5(Oxidation)	62	1.06E-05	2	1435.704	5.94	Malpighian tubule	2L:-:7441733-7441695	exon=> In CDS Exon 6 of transcript AGAP004975-PA
JHU_Ag_81487	TLQPYNANQLNYNGIQIQSLGVQLNR	AGAP004975-PA	-	89	8.24E-09	1	2959.554	5.16	Head	2L:-:7442613-7442536	exon=> In CDS Exon 4 of transcript AGAP004975-PA

JHU_Ag_83123	FCNCGWPHHLLIPK	AGAP004975-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	41	0.001312799	1	1778.865	1.9	Head	2L:-:7442059-7442018	exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_83710	FLEGYGVVGEFQTAMRDPSFYR	AGAP004975-PA	M15(Oxidation)	82	8.37E-08	1	2585.217	1.53	Pupa	2L:-:7442721-7442656	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_84893	TVVDLPENFLTER	AGAP004975-PA	-	62	8.51E-06	2	1532.800	3.03	Head	2L:-:7443979-7443941	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_85389	TLQPYNANQLNYNGIQIQSLGVQLNR	AGAP004975-PA	-	60	6.49E-06	1	2959.550	3.92	Malpighian tubule	2L:-:7442613-7442536	exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_92815	GNTNMATSQVQIR	AGAP004975-PA	M5(Oxidation)	102	9.62E-10	1	1435.701	3.3	Larva	2L:-:7441733-7441695	exon=> In CDS Exon 6 of transcript AGAP004975-PA
JHU_Ag_95490	LLMIELDKFTVNLNPGTNNIVR	AGAP004975-PA	M3(Oxidation), N19(Deamidated),"M3(Oxidation), N18(Deamidated)",M3(Oxidation)	56	1.11E-05	1	2530.375	2.2	Pupa	2L:-:7442289-7442880,7441935-7442156	exon=> In CDS Exon 5 and 4 of transcript AGAP004975-PA
JHU_Ag_96517	LREEGAIVQAENR	AGAP004975-PA	-	79	1.63E-07	2	1484.781	-0.49	Head	2L:-:7443571-7443533	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_98882	TVVDLPENFLTER	AGAP004975-PA	-	60	1.35E-05	2	1532.804	5.58	Malpighian tubule	2L:-:7443979-7443941	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_99716	NVSPPAISFAEAVPR	AGAP004975-PA	-	43	0.000472108	2	1554.837	6.13	Malpighian tubule	2L:-:7443871-7443827	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_100892	GNTNMATSQVQIR	AGAP004975-PA	M5(Oxidation),"N2(Deamidated), N4(Deamidated), M5(Oxidation), Q9(Deamidated)"	104	7.64E-10	1	1435.695	-0.86	Pupa	2L:-:7441733-7441695	exon=> In CDS Exon 6 of transcript AGAP004975-PA
JHU_Ag_104171	IAESIDGGYVVGPGGNR	AGAP004975-PA	-	84	6.22E-08	2	1660.825	-2.56	Head	2L:-:7442976-7443042,7442253-7442866	exon=> In CDS Exon 4 and 3 of transcript AGAP004975-PA
JHU_Ag_105425	NVSPPAISFAEAVPR	AGAP004975-PA	-	54	3.56E-05	2	1554.830	1.81	Visceras	2L:-:7443871-7443827	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_107912	YRPIGASLQSR	AGAP004975-PA	-	65	3.21E-06	1	1247.684	-1.52	Head	2L:-:7443940-7443908	exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_113645	VRPLTNLREPLPEGYFPK	AGAP004975-PA	-	36	0.001058271	1	2126.182	3.12	Larva	2L:-:7443219-7443166	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_117093	MTIDIPMNYTASDREDEQR	AGAP004975-PA	M1(Oxidation), M7(Oxidation)	53	2.96E-05	1	2317.004	-1.17	Pupa	2L:-:7443459-7443403	exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_117513	FTVNLNPGTNNIVR	AGAP004975-PA	N11(Deamidated),N10(Deamidated)	76	3.48E-07	1	1558.836	1.48	Pupa	2L:-:7442265-7442880,7441935-7442156	exon=> In CDS Exon 5 and 4 of transcript AGAP004975-PA
JHU_Ag_2437	ANAPANVLLTYWQR	AGAP004975-PA,AGAP004977-PA	-	54	6.84E-05	2	1616.856	0.99	Midgut	2L:-:7442535-7442494;2L:-:7453327-7453286	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_9072	ANAPANVLLTYWQR	AGAP004975-PA,AGAP004977-PA	-	127	2.77E-12	1	1616.861	4.23	Head	2L:-:7442535-7442494;2L:-:7453327-7453286	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_14079	LHAQVDNMFHR	AGAP004975-PA,AGAP004977-PA	M8(Oxidation)	70	1.11E-06	1	1383.654	-3.58	Head	2L:-:7442655-7442623;2L:-:7453447-7453415	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_24515	LLALLQRPLEPTFYPK	AGAP004975-PA,AGAP004977-PA	Q6(Deamidated)	82	6.92E-09	1	1899.112	1	Pupa	2L:-:7444039-7443992;2L:-:7454871-7454824	exon=> In CDS Exon 1 of transcript AGAP004975-PA;exon=> In CDS Exon 1 of transcript AGAP004977-PA

JHU_Ag_24996	ANAPANVLLTYWQR	AGAP004975-PA,AGAP004977-PA	-	121	1.11E-11	1	1616.863	5.59	Malpighian tubule	2L:-:7442535-7442494;2L:-:7453327-7453286	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_31697	LHAQVDNMFHR	AGAP004975-PA,AGAP004977-PA	M8(Oxidation)	58	2.20E-05	1	1383.661	1.8	Malpighian tubule	2L:-:7442655-7442623;2L:-:7453447-7453415	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_34299	RGELFYYMHQQLIAR	AGAP004975-PA,AGAP004977-PA	M8(Oxidation)	70	1.24E-06	1	1924.980	-2.52	Pupa	2L:-:7443300-7443256;2L:-:7454129-7454085	exon=> In CDS Exon 2 of transcript AGAP004975-PA;exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_38868	EPLPEGYFPK	AGAP004975-PA,AGAP004977-PA	-	40	0.001649299	1	1176.594	0.27	Pupa	2L:-:7443195-7443166;2L:-:7454024-7453995	exon=> In CDS Exon 2 of transcript AGAP004975-PA;exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_41417	RSEQSSVTIPYER	AGAP004975-PA,AGAP004977-PA	-	59	1.85E-05	1	1551.777	0.76	Head	2L:-:7442155-7442117;2L:-:7452951-7452913	exon=> In CDS Exon 5 of transcript AGAP004975-PA;exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_42221	LLALLQRPLEPTFYPK	AGAP004975-PA,AGAP004977-PA	-	83	4.92E-09	1	1899.113	1.65	Head	2L:-:7444039-7443992;2L:-:7454871-7454824	exon=> In CDS Exon 1 of transcript AGAP004975-PA;exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_49171	LHAQVDNMFHR	AGAP004975-PA,AGAP004977-PA	M8(Oxidation)	68	2.29E-06	1	1383.658	-0.49	Pupa	2L:-:7442655-7442623;2L:-:7453447-7453415	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_50574	SEQSSVTIPYER	AGAP004975-PA,AGAP004977-PA	-	39	0.002000436	2	1395.675	0.09	Head	2L:-:7442152-7442117;2L:-:7452948-7452913	exon=> In CDS Exon 5 of transcript AGAP004975-PA;exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_52263	FLEGYGVVGEFQTAMR	AGAP004975-PA,AGAP004977-PA	M15(Oxidation)	73	7.72E-07	2	1819.873	2.43	Head	2L:-:7442721-7442674;2L:-:7453513-7453466	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_56064	RSEQSSVTIPYER	AGAP004975-PA,AGAP004977-PA	-	65	4.93E-06	1	1551.778	1.31	Pupa	2L:-:7442155-7442117;2L:-:7452951-7452913	exon=> In CDS Exon 5 of transcript AGAP004975-PA;exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_57393	SEQSSVTIPYER	AGAP004975-PA,AGAP004977-PA	-	83	7.50E-08	2	1395.675	0.18	Pupa	2L:-:7442152-7442117;2L:-:7452948-7452913	exon=> In CDS Exon 5 of transcript AGAP004975-PA;exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_57846	RSEQSSVTIPYER	AGAP004975-PA,AGAP004977-PA	-	55	5.05E-05	1	1551.779	2.02	Malpighian tubule	2L:-:7442155-7442117;2L:-:7452951-7452913	exon=> In CDS Exon 5 of transcript AGAP004975-PA;exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_73289	SEQSSVTIPYER	AGAP004975-PA,AGAP004977-PA	-	40	0.001482888	2	1395.679	2.63	Malpighian tubule	2L:-:7442152-7442117;2L:-:7452948-7452913	exon=> In CDS Exon 5 of transcript AGAP004975-PA;exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_80943	RGELFYYMHQQLIAR	AGAP004975-PA,AGAP004977-PA	M8(Oxidation)	65	4.55E-06	1	1940.987	3.48	Malpighian tubule	2L:-:7443300-7443256;2L:-:7454129-7454085	exon=> In CDS Exon 2 of transcript AGAP004975-PA;exon=> In CDS Exon 2 of transcript AGAP004977-PA

JHU_Ag_85859	ANAPANVLLTYWQR	AGAP004975-PA,AGAP004977-PA	-	127	2.77E-12	1	1616.856	1.29	Pupa	2L:-:7442535-7442494;2L:-:7453327-7453286	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_88796	LLALLQRPLEPTFYPK	AGAP004975-PA,AGAP004977-PA	-	70	6.34E-08	1	1899.125	7.95	Malpighian tubule	2L:-:7444039-7443992;2L:-:7454871-7454824	exon=> In CDS Exon 1 of transcript AGAP004975-PA;exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_101318	FLEGYGVVGEFQTAMR	AGAP004975-PA,AGAP004977-PA	M15(Oxidation)	101	1.18E-09	2	1819.869	0.28	Pupa	2L:-:7442721-7442674;2L:-:7453513-7453466	exon=> In CDS Exon 4 of transcript AGAP004975-PA;exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_33379	RGELFYYMHQQLLAR	AGAP004976-PA	M8(Oxidation)	65	4.55E-06	1	1940.987	3.48	Malpighian tubule	2L:-:7449695-7449651	exon=> In CDS Exon 2 of transcript AGAP004976-PA
JHU_Ag_49442	LATVTLR	AGAP004976-PA	-	40	0.000416345	2	773.488	0.03	Pupa	2L:-:7448176-7448156	exon=> In CDS Exon 5 of transcript AGAP004976-PA
JHU_Ag_83048	IADIESWLPR	AGAP004976-PA	-	49	0.000142836	2	1199.649	5.74	Pupa	2L:-:7449464-7449435	exon=> In CDS Exon 2 of transcript AGAP004976-PA
JHU_Ag_86255	RGELFYYMHQQLLAR	AGAP004976-PA	M8(Oxidation)	58	2.02E-05	1	1940.985	2.73	Larva	2L:-:7449695-7449651	exon=> In CDS Exon 2 of transcript AGAP004976-PA
JHU_Ag_89994	MMEEGSIVLDENR	AGAP004976-PA	M1(Oxidation), M2(Oxidation)	27	0.009916598	1	1554.669	-5.41	Midgut	2L:-:7449960-7449922	exon=> In CDS Exon 1 of transcript AGAP004976-PA
JHU_Ag_104868	RGELFYYMHQQLLAR	AGAP004976-PA	M8(Oxidation)	70	1.24E-06	1	1924.980	-2.52	Pupa	2L:-:7449695-7449651	exon=> In CDS Exon 2 of transcript AGAP004976-PA
JHU_Ag_3722	RGDFSLFIPK	AGAP004977-PA	-	33	0.004391644	1	1179.652	-0.09	Pupa	2L:-:7454658-7454629	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_7193	VNLTPGVNNIVR	AGAP004977-PA	-	55	9.23E-06	1	1295.745	1.14	Pupa	2L:-:7453051-7453672,7452731-7452952	exon=> In CDS Exon 5 and 4 of transcript AGAP004977-PA
JHU_Ag_7786	LFLDQPDVDTLMSVSSYAR	AGAP004977-PA	M12(Oxidation)	121	1.21E-11	2	2157.063	4.49	Pupa	2L:-:7454598-7454542	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_8796	FCNCGWPHHLLLPK	AGAP004977-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	41	0.001312799	1	1778.865	1.9	Head	2L:-:7452855-7452814	exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_10608	IAGDLIK	AGAP004977-PA	-	35	0.001573105	2	729.450	-1.11	Pupa	2L:-:7454619-7454599	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_11398	VNLTPGVNNIVR	AGAP004977-PA	-	59	3.64E-06	1	1295.743	0.11	Head	2L:-:7453051-7453672,7452731-7452952	exon=> In CDS Exon 5 and 4 of transcript AGAP004977-PA
JHU_Ag_11972	YKPIGQSLQTR	AGAP004977-PA	-	61	6.85E-06	1	1290.713	-2.58	Head	2L:-:7454772-7454740	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_13336	FAVNNTTGAAR	AGAP004977-PA	-	65	5.24E-06	2	1121.570	0.56	Visceras	2L:-:7453189-7453157	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_13790	RGDFSLFIPK	AGAP004977-PA	-	34	0.002504698	2	1179.655	2.7	Head	2L:-:7454658-7454629	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_14019	GFPARPQNTILR	AGAP004977-PA	-	45	0.000234597	1	1369.771	0.52	Visceras	2L:-:7453970-7453935	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_16370	TVVDLPENYLTDRYKPIGQSLQTR	AGAP004977-PA	-	83	3.00E-08	1	2806.489	5.39	Malpighian tubule	2L:-:7454811-7454740	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_17691	LREEGAVVNNQR	AGAP004977-PA	-	79	1.25E-07	1	1384.733	2.87	Malpighian tubule	2L:-:7454403-7454368	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_19068	GFPARPQNTILR	AGAP004977-PA	-	37	0.001409903	1	1369.770	-0.28	Pupa	2L:-:7453970-7453935	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_22174	IAGDLIK	AGAP004977-PA	-	41	0.000405282	1	729.450	-1.42	Midgut	2L:-:7454619-7454599	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_23367	KIAGDLIK	AGAP004977-PA	-	46	0.000136983	1	857.544	-1.94	Pupa	2L:-:7454622-7454599	exon=> In CDS Exon 1 of transcript AGAP004977-PA

JHU_Ag_23368	IAGDLIK	AGAP004977-PA	-	46	0.000340002	2	729.452	1.91	Visceras	2L:-:7454619-7454599	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_24976	ATTLPDIRFAEELPR	AGAP004977-PA	-	56	2.04E-05	1	1728.939	6.16	Malpighian tubule	2L:-:7454703-7454659	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_29475	LREEGAVVNNQR	AGAP004977-PA	-	73	5.72E-07	1	1384.731	1.38	Head	2L:-:7454403-7454368	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_29844	LREEGAVVNNQR	AGAP004977-PA	-	67	2.48E-06	1	1384.731	1.64	Visceras	2L:-:7454403-7454368	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_34041	SQIDLGTGLDFGPQGNVFASFTHLQHAPFTYR	AGAP004977-PA	-	184	4.80E-18	1	3521.739	4.43	Visceras	2L:-:7453285-7453190	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_34626	IAGDLIKLFLDQPDVDTLMSVSSYAR	AGAP004977-PA	M19(Oxidation)	71	6.13E-07	1	2883.494	4.58	Malpighian tubule	2L:-:7454619-7454542	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_38230	VRPLTSLREPLPEGYFPK	AGAP004977-PA	-	44	0.000151515	1	2099.175	4.77	Malpighian tubule	2L:-:7454048-7453995	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_39914	YNVDRFCNR	AGAP004977-PA	C7(Carbamidomethyl)	57	2.07E-05	1	1243.567	2.94	Malpighian tubule	2L:-:7454084-7454058	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_42205	IAESIDGGYVVAPGGNR	AGAP004977-PA	-	83	7.73E-08	1	1674.846	0.72	Pupa	2L:-:7453800-7453866,7453045-7453658	exon=> In CDS Exon 4 and 3 of transcript AGAP004977-PA
JHU_Ag_42570	FCNCGWPHHLLLPK	AGAP004977-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	70	1.74E-06	1	1778.857	-2.47	Pupa	2L:-:7452855-7452814	exon=> In CDS Exon 5 of transcript AGAP004977-PA
JHU_Ag_47187	GFPARPQNTILR	AGAP004977-PA	-	31	0.005656045	1	1369.776	4.27	Malpighian tubule	2L:-:7453970-7453935	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_47383	TLSDFTRPNSNMTNIEVQIR	AGAP004977-PA	M12(Oxidation)	81	1.20E-07	1	2352.163	0.52	Head	2L:-:7452541-7452482	exon=> In CDS Exon 6 of transcript AGAP004977-PA
JHU_Ag_47686	TLSDFTRPNSNMTNIEVQIR	AGAP004977-PA	M12(Oxidation)	112	8.36E-11	1	2352.167	2.47	Visceras	2L:-:7452541-7452482	exon=> In CDS Exon 6 of transcript AGAP004977-PA
JHU_Ag_48545	TVVDLPENYLTDR	AGAP004977-PA	-	52	9.95E-05	2	1534.775	0.16	Pupa	2L:-:7454811-7454773	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_48866	FSSEADTR	AGAP004977-PA	-	42	0.000333864	2	912.409	3.16	Malpighian tubule	2L:-:7454739-7454716	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_49787	VRPLTSLREPLPEGYFPK	AGAP004977-PA	-	53	2.31E-05	1	2099.173	3.64	Head	2L:-:7454048-7453995	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_50336	HMGYPFDR	AGAP004977-PA	M2(Oxidation)	28	0.006273202	1	1038.449	2.94	Malpighian tubule	2L:-:7452586-7452563	exon=> In CDS Exon 6 of transcript AGAP004977-PA
JHU_Ag_53577	VRPLTSLREPLPEGYFPK	AGAP004977-PA	-	56	1.14E-05	1	2099.169	1.89	Male reproductive organs	2L:-:7454048-7453995	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_56159	TLQPYNANQIGYAGVQIQSFGVQLNR	AGAP004977-PA	-	46	0.00021932	3	2879.479	-0.45	Pupa	2L:-:7453405-7453328	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_56204	VNLTPGVNNIVR	AGAP004977-PA	-	72	1.88E-07	1	1295.744	0.77	Visceras	2L:-:7453051-7453672,7452731-7452952	exon=> In CDS Exon 5 and 4 of transcript AGAP004977-PA
JHU_Ag_56503	LREEGAVVNNQR	AGAP004977-PA	N9(Deamidated)	98	2.06E-09	1	1384.730	0.49	Pupa	2L:-:7454403-7454368	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_57326	IAGDLIK	AGAP004977-PA	-	35	0.004097144	1	729.452	2.16	Malpighian tubule	2L:-:7454619-7454599	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_58320	LLALLQRPLEPTFYPKDDGK	AGAP004977-PA	-	34	0.001340793	1	2314.285	2.01	Pupa	2L:-:7454871-7454812	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_60043	VRPLTSLREPLPEGYFPK	AGAP004977-PA	-	56	1.04E-05	1	2099.171	2.77	Visceras	2L:-:7454048-7453995	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_62010	LLALLQRPLEPTFYPKDDGK	AGAP004977-PA	-	62	1.90E-06	1	2314.288	3.07	Malpighian tubule	2L:-:7454871-7454812	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_62102	LFLDQPDVDTLMSVSSYAR	AGAP004977-PA	M12(Oxidation)	105	5.39E-10	1	2173.051	1.07	Visceras	2L:-:7454598-7454542	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_62685	FAVNNTTGAAR	AGAP004977-PA	-	87	3.44E-08	2	1121.574	3.83	Malpighian tubule	2L:-:7453189-7453157	exon=> In CDS Exon 4 of transcript AGAP004977-PA

JHU_Ag_67046	TLQPYNANQIGYAGVQIQSFGVQLNR	AGAP004977-PA	-	96	1.96E-09	1	2879.490	3.56	Visceras	2L:-:7453405-7453328	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_67252	FAEELPR	AGAP004977-PA	-	48	0.000244404	2	861.447	0.26	Head	2L:-:7454679-7454659	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_67347	YKPIGQSLQTR	AGAP004977-PA	-	61	7.52E-06	1	1290.715	-1.34	Pupa	2L:-:7454772-7454740	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_69066	LNPVLYQYAMAVAIQHRPDTK	AGAP004977-PA	M10(Oxidation)	55	3.32E-05	1	2444.281	2.26	Head	2L:-:7454535-7454473	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_70518	ADNTKLLALLQRPLEPTFYPK	AGAP004977-PA	N-Term(Acetyl)	110	3.02E-11	1	2470.379	3.63	Malpighian tubule	2L:-:7454886-7454824	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_73730	TVVDLPENYLTDR	AGAP004977-PA	-	36	0.004222794	1	1534.778	1.83	Visceras	2L:-:7454811-7454773	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_73957	TVVDLPENYLTDR	AGAP004977-PA	-	58	3.06E-05	2	1534.779	2.55	Head	2L:-:7454811-7454773	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_75461	IAESIDGGYVVAPGGNR	AGAP004977-PA	-	102	1.04E-09	2	1674.849	2.47	Head	2L:-:7453800-7453866,7453045-7453658	exon=> In CDS Exon 4 and 3 of transcript AGAP004977-PA
JHU_Ag_75832	LLMIELDKFR	AGAP004977-PA	-	65	1.40E-06	1	1277.730	1.34	Visceras	2L:-:7453081-7453052	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_79603	GFPARPQNTILR	AGAP004977-PA	-	43	0.0003494	1	1369.771	0.79	Head	2L:-:7453970-7453935	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_80580	IAGDLIK	AGAP004977-PA	-	38	0.000727374	2	729.450	-0.6	Head	2L:-:7454619-7454599	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_83415	FLEGYGVVGEFQTAMRDPAFYR	AGAP004977-PA	M15(Oxidation)	39	0.002132489	1	2569.231	4.86	Head	2L:-:7453513-7453448	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_84232	NLNIPSFFDLFPDSFVDPTVIPK	AGAP004977-PA	-	49	0.000148338	1	2622.363	5.22	Malpighian tubule	2L:-:7454472-7454404	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_86542	TDERNTPLTMDEQR	AGAP004977-PA	M10(Oxidation)	42	0.00081113	1	1721.781	2.9	Malpighian tubule	2L:-:7453123-7453082	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_88075	VRPLTSLREPLPEGYFPK	AGAP004977-PA	-	43	0.00024643	1	2099.169	1.81	Pupa	2L:-:7454048-7453995	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_96231	LFLDQPDVDTLMSVSSYAR	AGAP004977-PA	M12(Oxidation)	114	5.98E-11	2	2173.063	6.69	Malpighian tubule	2L:-:7454598-7454542	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_98199	IAGDLIK	AGAP004977-PA	-	40	0.001506396	1	729.451	0.92	Ovary	2L:-:7454619-7454599	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_99487	FAVNNTTGAAR	AGAP004977-PA	N5(Deamidated)	80	1.34E-07	2	1121.570	0.13	Pupa	2L:-:7453189-7453157	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_99864	LFLDQPDVDTLMSVSSYAR	AGAP004977-PA	M12(Oxidation)	112	1.06E-10	1	2173.047	-0.61	Head	2L:-:7454598-7454542	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_103016	DRLNPVLYQYAMAVAIQHRPDTK	AGAP004977-PA	-	94	3.14E-09	1	2699.416	2.66	Visceras	2L:-:7454541-7454473	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_103623	TLQPYNANQIGYAGVQIQSFGVQLNR	AGAP004977-PA	-	46	0.000181474	3	2879.494	4.7	Head	2L:-:7453405-7453328	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_106066	IFIAPK	AGAP004977-PA	-	45	0.0001087	1	688.442	3.47	Malpighian tubule	2L:-:7453141-7453124	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_106699	DRLNPVLYQYAMAVAIQHRPDTK	AGAP004977-PA	M12(Oxidation)	77	1.70E-07	1	2715.417	4.88	Malpighian tubule	2L:-:7454541-7454473	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_106843	TLQPYNANQIGYAGVQIQSFGVQLNR	AGAP004977-PA	-	125	2.27E-12	1	2879.498	6.1	Malpighian tubule	2L:-:7453405-7453328	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_110081	NLNIPSFFDLFPDSFVDPTVIPK	AGAP004977-PA	-	54	4.89E-05	1	2622.356	2.8	Visceras	2L:-:7454472-7454404	exon=> In CDS Exon 1 of transcript AGAP004977-PA
JHU_Ag_110294	FLEGYGVVGEFQTAMRDPAFYR	AGAP004977-PA	M15(Oxidation)	39	0.002110239	1	2569.221	1.23	Pupa	2L:-:7453513-7453448	exon=> In CDS Exon 4 of transcript AGAP004977-PA
JHU_Ag_111156	TLSDFTRPNSNMTNIEVQIR	AGAP004977-PA	M12(Oxidation)	92	8.05E-09	1	2352.173	4.88	Malpighian tubule	2L:-:7452541-7452482	exon=> In CDS Exon 6 of transcript AGAP004977-PA

JHU_Ag_115366	SLTNRGFPARPQNTILR	AGAP004977-PA	-	41	0.000343075	1	1941.083	2.93	Malpighian tubule	2L:-:7453985-7453935	exon=> In CDS Exon 2 of transcript AGAP004977-PA
JHU_Ag_3626	ANAPANVLLTYWQR	AGAP004977-PA,AGAP004975-PA	-	107	3.23E-10	1	1616.861	4.23	Visceras	2L:-:7453327-7453286;2L:-:7442535-7442494	exon=> In CDS Exon 4 of transcript AGAP004977-PA;exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_22478	SEQSSVTIPYER	AGAP004977-PA,AGAP004975-PA	-	61	1.18E-05	1	1395.676	0.53	Visceras	2L:-:7452948-7452913;2L:-:7442152-7442117	exon=> In CDS Exon 5 of transcript AGAP004977-PA;exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_60670	LHAQVDNMFHR	AGAP004977-PA,AGAP004975-PA	M8(Oxidation)	56	3.27E-05	1	1383.663	3.31	Larva	2L:-:7453447-7453415;2L:-:7442655-7442623	exon=> In CDS Exon 4 of transcript AGAP004977-PA;exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_66090	LLALLQRPLEPTFYPK	AGAP004977-PA,AGAP004975-PA	-	48	1.56E-05	1	1899.113	1.29	Malpighian tubule	2L:-:7454871-7454824;2L:-:7444039-7443992	exon=> In CDS Exon 1 of transcript AGAP004977-PA;exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_89081	ANAPANVLLTYWQR	AGAP004977-PA,AGAP004975-PA	-	98	2.28E-09	1	1616.860	3.63	Larva	2L:-:7453327-7453286;2L:-:7442535-7442494	exon=> In CDS Exon 4 of transcript AGAP004977-PA;exon=> In CDS Exon 4 of transcript AGAP004975-PA
JHU_Ag_91688	RGELFYYMHQQLIAR	AGAP004977-PA,AGAP004975-PA	M8(Oxidation)	58	2.02E-05	1	1940.985	2.73	Larva	2L:-:7454129-7454085;2L:-:7443300-7443256	exon=> In CDS Exon 2 of transcript AGAP004977-PA;exon=> In CDS Exon 2 of transcript AGAP004975-PA
JHU_Ag_97247	LLALLQRPLEPTFYPK	AGAP004977-PA,AGAP004975-PA	-	69	9.57E-08	1	1899.119	4.38	Visceras	2L:-:7454871-7454824;2L:-:7444039-7443992	exon=> In CDS Exon 1 of transcript AGAP004977-PA;exon=> In CDS Exon 1 of transcript AGAP004975-PA
JHU_Ag_114763	RSEQSSVTIPYER	AGAP004977-PA,AGAP004975-PA	-	42	0.000968663	1	1551.779	1.78	Visceras	2L:-:7452951-7452913;2L:-:7442155-7442117	exon=> In CDS Exon 5 of transcript AGAP004977-PA;exon=> In CDS Exon 5 of transcript AGAP004975-PA
JHU_Ag_50640	FTNTVIAR	AGAP004977-PA,AGAP004975-PA,AGAP004981-PA,AGAP012616-PA	-	48	0.000119899	2	921.518	3.14	Larva	2L:-:7452481-7452458;2L:-:7441694-7441671;2L:-:7503496-7503473;UNKN:+:20923234-20923257	exon=> In CDS Exon 6 of transcript AGAP004977-PA;exon=> In CDS Exon 6 of transcript AGAP004975-PA;exon=> In CDS Exon 6 of transcript AGAP004981-PA;exon=> In CDS Exon 6 of transcript AGAP012616-PA
JHU_Ag_22820	SDQSSVTIPYER	AGAP004978-PA,AGAP006258-PA	-	66	4.44E-06	2	1381.665	4	Malpighian tubule	2L:-:7456046-7456011;2L:-:28703067-28703032	exon=> In CDS Exon 4 of transcript AGAP004978-PA;exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_36857	SDQSSVTIPYER	AGAP004978-PA,AGAP006258-PA	-	69	1.88E-06	1	1381.660	0.55	Head	2L:-:7456046-7456011;2L:-:28703067-28703032	exon=> In CDS Exon 4 of transcript AGAP004978-PA;exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_43782	RSDQSSVTIPYER	AGAP004978-PA,AGAP006258-PA	-	72	1.11E-06	1	1537.761	0.07	Pupa	2L:-:7456049-7456011;2L:-:28703070-28703032	exon=> In CDS Exon 4 of transcript AGAP004978-PA;exon=> In CDS Exon 3 of transcript AGAP006258-PA

JHU_Ag_68684	RSDQSSVTIPYER	AGAP004978-PA,AGAP006258-PA	-	62	1.07E-05	1	1537.764	2.37	Malpighian tubule	2L:-:7456049-7456011;2L:-:28703070-28703032	exon=> In CDS Exon 4 of transcript AGAP004978-PA;exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_71416	RSDQSSVTIPYER	AGAP004978-PA,AGAP006258-PA	-	71	1.18E-06	1	1537.763	1.42	Head	2L:-:7456049-7456011;2L:-:28703070-28703032	exon=> In CDS Exon 4 of transcript AGAP004978-PA;exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_108192	SDQSSVTIPYER	AGAP004978-PA,AGAP006258-PA	-	65	5.22E-06	1	1381.661	0.99	Pupa	2L:-:7456046-7456011;2L:-:28703067-28703032	exon=> In CDS Exon 4 of transcript AGAP004978-PA;exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_16906	IFLAPK	AGAP004980-PA,AGAP012941-PA	-	45	0.0001087	1	688.442	3.47	Malpighian tubule	2L:-:7491636-7491619;UNKN:+:41918441-41918458	exon=> In CDS Exon 3 of transcript AGAP004980-PA;exon=> In CDS Exon 1 of transcript AGAP012941-PA
JHU_Ag_31578	ANAPVNILLTFWQR	AGAP004981-PA	-	54	2.41E-05	1	1642.923	9.86	Larva	2L:-:7504349-7504308	exon=> In CDS Exon 4 of transcript AGAP004981-PA
JHU_Ag_48658	IFEAIDNGFAQSSSNQR	AGAP004981-PA	N7(Deamidated)	104	4.58E-10	2	1884.872	0.02	Pupa	2L:-:7504854-7504920,7504458-7504737	exon=> In CDS Exon 3 and 2 of transcript AGAP004981-PA
JHU_Ag_56267	RSDQSSVSIPYER	AGAP004981-PA	-	42	0.000965828	2	1523.745	0.01	Pupa	2L:-:7503964-7503926	exon=> In CDS Exon 5 of transcript AGAP004981-PA
JHU_Ag_33177	IPLPNITAPDLAYADAVSR	AGAP004981-PA,AGAP012617-PA	-	82	5.15E-08	1	1997.075	2.29	Pupa	2L:-:7505695-7505639;UNKN:+:20925244-20925300	exon=> In CDS Exon 1 of transcript AGAP004981-PA;exon=> In CDS Exon 1 of transcript AGAP012617-PA
JHU_Ag_25063	QYIAVFEGQIPLVTK	AGAP004983-PA	-	71	3.61E-07	2	1705.953	0.24	Midgut	2L:-:7538219-7538446,7537935-7538109	exon=> In CDS Exon 4 and 3 of transcript AGAP004983-PA
JHU_Ag_60762	VLLLEDYFR	AGAP004983-PA	-	53	3.27E-05	2	1167.641	-0.28	Midgut	2L:-:7538015-7537989	exon=> In CDS Exon 4 of transcript AGAP004983-PA
JHU_Ag_28533	NILPK	AGAP004984-PA	N-Term(Acetyl)	23	0.001469336	1	626.387	0.37	Male reproductive organs	2L:+:7538870-7538884	exon=> In CDS Exon 1 of transcript AGAP004984-PA
JHU_Ag_6939	FGAYPQIQAFIK	AGAP004986-PA	-	64	4.32E-06	2	1382.748	0.97	Male reproductive organs	2L:+:7542224-7542259	exon=> In CDS Exon 3 of transcript AGAP004986-PA
JHU_Ag_33067	ELGLIK	AGAP004986-PA	-	34	0.00168449	1	672.428	-1.75	Head	2L:+:7541987-7542004	exon=> In CDS Exon 2 of transcript AGAP004986-PA
JHU_Ag_35543	FGAYPQIQAFIK	AGAP004986-PA	-	54	3.54E-05	2	1382.746	-0.44	Midgut	2L:+:7542224-7542259	exon=> In CDS Exon 3 of transcript AGAP004986-PA
JHU_Ag_37853	FPNLTIK	AGAP004986-PA	-	37	0.001346751	1	832.492	-0.4	Ovary	2L:+:7542278-7542298	exon=> In CDS Exon 3 of transcript AGAP004986-PA
JHU_Ag_93782	WNTDTVQEFFETR	AGAP004986-PA	-	78	1.64E-07	1	1672.760	-0.04	Midgut	2L:+:7542377-7542415	exon=> In CDS Exon 3 of transcript AGAP004986-PA
JHU_Ag_2359	AAAAGATTNGQQR	AGAP004987-PA	Q11(Deamidated),Q12(Deamidated),N9(Deamidated)	39	0.001565118	2	1217.586	-0.81	Malpighian tubule	2L:+:7546184-7546222	exon=> In CDS Exon 2 of transcript AGAP004987-PA
JHU_Ag_59397	DTVAAQPAAAARPSTNAPPK	AGAP004987-PA	-	40	0.001197903	1	1934.015	3.25	Malpighian tubule	2L:+:7546124-7546183	exon=> In CDS Exon 2 of transcript AGAP004987-PA
JHU_Ag_117486	DQASNKPQTTGNAK	AGAP004987-PA	-	76	4.01E-07	2	1459.714	0.28	Malpighian tubule	2L:+:7546274-7546315	exon=> In CDS Exon 2 of transcript AGAP004987-PA
JHU_Ag_61024	SDESSEEASEHR	AGAP004988-PA	-	75	5.14E-08	1	1362.541	0.62	Malpighian tubule	2L:+:7551245-7551280	exon=> In CDS Exon 2 of transcript AGAP004988-PA
JHU_Ag_82722	LSRPSPINPDVASDPKPTELK	AGAP004988-PA	-	48	0.000148993	1	2261.187	-11.74	Malpighian tubule	2L:+:7550615-7550677	exon=> In CDS Exon 2 of transcript AGAP004988-PA

JHU_Ag_59373	VDSGGGSGDNLSTGSSGAGGEDGDGK	AGAP004989-PA	-	139	3.56E-14	1	2239.918	-0.01	Head	2L:-:7556537-7556460	exon=> In CDS Exon 7 of transcript AGAP004989-PA
JHU_Ag_13822	NAAAIK	AGAP004989-PA,AGAP004989-PB	-	45	0.000569113	1	587.353	2.74	Head	2L:-:7558037-7558020;2L:-:7558037-7558020	exon=> In CDS Exon 7 of transcript AGAP004989-PA;exon=> In CDS Exon 8 of transcript AGAP004989-PB
JHU_Ag_32575	TAGPLHGTSDPASQLVSELAESMHLPK	AGAP004989-PA,AGAP004989-PB	M23(Oxidation)	56	3.23E-05	1	2789.384	2.37	Head	2L:-:7557446-7557366;2L:-:7557446-7557366	exon=> In CDS Exon 7 of transcript AGAP004989-PA;exon=> In CDS Exon 9 of transcript AGAP004989-PB
JHU_Ag_11213	GIPNNLILGK	AGAP004990-PA	-	68	3.30E-07	1	1038.632	1.06	Ovary	2L:+:7586750-7586779	exon=> In CDS Exon 3 of transcript AGAP004990-PA
JHU_Ag_11558	SESDWDTVTVLR	AGAP004990-PA	N-Term(Acetyl)	70	1.40E-06	2	1449.691	3.73	Malpighian tubule	2L:+:7586039-7586074	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_13567	DLATQICEKPQIVNDYEAGR	AGAP004990-PA	C7(Carbamidomethyl)	85	5.27E-08	1	2320.124	0.23	Male reproductive organs	2L:+:7586594-7586605,7586702-7586749	exon=> In CDS Exon 2 and 3 of transcript AGAP004990-PA
JHU_Ag_17087	DLATQICEKPQIVNDYEAGR	AGAP004990-PA	C7(Carbamidomethyl)	91	1.27E-08	1	2320.136	5.36	Malpighian tubule	2L:+:7586594-7586605,7586702-7586749	exon=> In CDS Exon 2 and 3 of transcript AGAP004990-PA
JHU_Ag_18126	SESDWDTVTVLRK	AGAP004990-PA	N-Term(Acetyl)	95	4.76E-09	1	1577.792	7.14	Malpighian tubule	2L:+:7586039-7586077	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_21743	IIGIKLR	AGAP004990-PA	-	19	0.009647592	1	812.560	-14.1	Midgut	2L:+:7586789-7586809	exon=> In CDS Exon 3 of transcript AGAP004990-PA
JHU_Ag_30612	QGIPVETTQK	AGAP004990-PA	-	36	0.003257655	1	1100.595	0.21	Ovary	2L:+:7586135-7586164	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_40853	RQGIPVETTQK	AGAP004990-PA	-	50	8.88E-05	1	1256.698	1.61	Malpighian tubule	2L:+:7586132-7586164	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_47656	SESDWDTVTVLR	AGAP004990-PA	N-Term(Acetyl)	66	3.96E-06	2	1449.688	1.71	Male reproductive organs	2L:+:7586039-7586074	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_59751	AATLKTESAINK	AGAP004990-PA	-	86	1.91E-08	1	1246.702	1.5	Malpighian tubule	2L:+:7586090-7586125	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_63603	RQGIPVETTQK	AGAP004990-PA	-	55	2.94E-05	1	1256.696	0.34	Head	2L:+:7586132-7586164	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_73491	SESDWDTVTVLR	AGAP004990-PA	N-Term(Acetyl)	37	0.002941536	2	1449.687	0.87	Ovary	2L:+:7586039-7586074	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_76744	DLATQICEKPQIVNDYEAGR	AGAP004990-PA	C7(Carbamidomethyl)	142	1.01E-13	1	2320.125	0.47	Ovary	2L:+:7586594-7586605,7586702-7586749	exon=> In CDS Exon 2 and 3 of transcript AGAP004990-PA
JHU_Ag_90069	DLATQICEKPQIVNDYEAGR	AGAP004990-PA	C7(Carbamidomethyl)	67	2.91E-06	1	2320.132	3.55	Visceras	2L:+:7586594-7586605,7586702-7586749	exon=> In CDS Exon 2 and 3 of transcript AGAP004990-PA
JHU_Ag_96698	DLATQICEKPQIVNDYEAGR	AGAP004990-PA	C7(Carbamidomethyl)	104	7.09E-10	1	2320.129	2.05	Head	2L:+:7586594-7586605,7586702-7586749	exon=> In CDS Exon 2 and 3 of transcript AGAP004990-PA
JHU_Ag_104025	APKAATLK	AGAP004990-PA	-	29	0.004788525	1	799.503	-1.08	Head	2L:+:7586081-7586104	exon=> In CDS Exon 1 of transcript AGAP004990-PA
JHU_Ag_861	NMSTPAVAQMLSILMYNR	AGAP004991-PA	M2(Oxidation), M10(Oxidation), M15(Oxidation)	55	5.25E-05	2	2087.995	1.35	Larva	2L:-:7588293-7588240	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_5064	AISIIKDTFISATER	AGAP004991-PA	-	61	4.65E-06	2	1664.923	0.42	Midgut	2L:-:7588026-7587982	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_13428	DTFISATER	AGAP004991-PA	-	51	0.000114712	2	1039.507	1.09	Ovary	2L:-:7588008-7587982	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_15366	AISIIKDTFISATER	AGAP004991-PA	-	51	4.35E-05	1	1664.923	0.96	Male reproductive organs	2L:-:7588026-7587982	exon=> In CDS Exon 2 of transcript AGAP004991-PA

JHU_Ag_23557	TVLASTGCWCDTLALTSLVK	AGAP004991-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	46	0.000317599	2	2196.102	-0.87	Head	2L:-:7588389-7588330	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_23867	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	105	1.91E-10	1	1963.061	0.32	Salivary gland	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_24640	DIYTGDSVIINIITK	AGAP004991-PA	-	116	1.52E-11	1	1664.911	0.5	Ovary	2L:-:7587981-7587937	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_24889	DIYTGDSVIINIITK	AGAP004991-PA	-	64	2.59E-06	2	1664.915	2.85	Visceras	2L:-:7587981-7587937	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_24927	DIYTGDSVIINIITK	AGAP004991-PA	-	93	3.24E-09	2	1664.917	3.8	Midgut	2L:-:7587981-7587937	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_31597	GVVYSYDPIGHCEMTTYR	AGAP004991-PA	C12(Carbamidomethyl), M14(Oxidation)	35	0.002413718	1	2163.947	-0.29	Male reproductive organs	2L:-:7588182-7588129	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_33683	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	125	2.12E-12	1	1963.057	-1.86	Head	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_35689	GVVYSYDPIGHCEMTTYR	AGAP004991-PA	C12(Carbamidomethyl), M14(Oxidation)	76	1.91E-07	1	2163.949	0.88	Ovary	2L:-:7588182-7588129	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_36279	DTFISATERDIYTGDSVIINIITK	AGAP004991-PA	-	125	2.63E-12	1	2685.402	1.49	Ovary	2L:-:7588008-7587937	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_36628	LSSGYSIHTR	AGAP004991-PA	-	57	3.78E-05	1	1120.567	-6.48	Head	2L:-:7588452-7588423	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_48220	FFPYYVSNVLAGLDQDGK	AGAP004991-PA	-	57	2.88E-05	1	2033.003	0.53	Male reproductive organs	2L:-:7588236-7588183	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_48533	FFPYYVSNVLAGLDQDGK	AGAP004991-PA	-	40	0.001477941	3	2032.993	-4.34	Head	2L:-:7588236-7588183	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_48664	DTFISATER	AGAP004991-PA	-	59	1.64E-05	2	1039.504	-1.62	Male reproductive organs	2L:-:7588008-7587982	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_52586	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	87	1.24E-08	1	1963.064	1.81	Visceras	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_53198	NMSTPAVAQMLSILMYNRR	AGAP004991-PA	M2(Oxidation), M10(Oxidation), M15(Oxidation)	39	0.002298944	1	2244.097	1.66	Ovary	2L:-:7588293-7588237	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_54138	FFPYYVSNVLAGLDQDGKGVVYSYDPIGHCEMTTYR	AGAP004991-PA	C30(Carbamidomethyl), M32(Oxidation)	142	6.03E-14	1	4177.953	5.29	Ovary	2L:-:7588236-7588129	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_54912	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	105	2.11E-10	1	1963.060	-0.18	Midgut	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_60294	NMSTPAVAQMLSILMYNR	AGAP004991-PA	N1(Deamidated), M2(Oxidation), M10(Oxidation),"M2(Oxidation), M10(Oxidation), M15(Oxidation)"	66	3.94E-06	2	2087.994	0.65	Midgut	2L:-:7588293-7588240	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_60641	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	114	2.33E-11	1	1963.067	3.3	Malpighian tubule	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_66694	FFPYYVSNVLAGLDQDGK	AGAP004991-PA	-	75	5.09E-07	1	2033.007	2.51	Larva	2L:-:7588236-7588183	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_67537	NMLNADPEPVK	AGAP004991-PA	M2(Oxidation)	45	0.000430883	2	1243.594	-4.01	Male reproductive organs	2L:-:7588068-7588036	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_68933	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	118	9.28E-12	1	1963.063	0.88	Male reproductive organs	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_70459	DIYTGDSVIINIITK	AGAP004991-PA	-	73	3.32E-07	1	1664.915	2.85	Head	2L:-:7587981-7587937	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_71023	DGIKEETLHLR	AGAP004991-PA	-	66	2.45E-06	1	1310.706	-0.48	Ovary	2L:-:7587936-7587904	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_73839	LSSGYSIHTR	AGAP004991-PA	-	60	1.68E-05	1	1120.578	3.21	Malpighian tubule	2L:-:7588452-7588423	exon=> In CDS Exon 2 of transcript AGAP004991-PA

JHU_Ag_74006	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	89	7.32E-09	1	1963.060	-0.55	Pupa	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_81180	LSSGYSIHTR	AGAP004991-PA	-	78	2.69E-07	1	1120.575	0.82	Male reproductive organs	2L:-:7588452-7588423	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_84552	DGIKEETLHLR	AGAP004991-PA	-	61	6.74E-06	1	1310.705	-1.39	Male reproductive organs	2L:-:7587936-7587904	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_84835	FFPYYVSNVLAGLDQDGK	AGAP004991-PA	-	119	1.92E-11	1	2033.002	0.35	Ovary	2L:-:7588236-7588183	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_87742	NMLNADPEPVK	AGAP004991-PA	M2(Oxidation)	51	9.20E-05	1	1243.598	-0.97	Ovary	2L:-:7588068-7588036	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_90692	NMSTPAVAQMLSILMYNR	AGAP004991-PA	M2(Oxidation), M10(Oxidation), M15(Oxidation)	68	2.68E-06	2	2087.991	-0.75	Male reproductive organs	2L:-:7588293-7588240	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_92522	NMSTPAVAQMLSILMYNR	AGAP004991-PA	M2(Oxidation), M10(Oxidation), M15(Oxidation)	119	2.02E-11	1	2087.992	-0.17	Ovary	2L:-:7588293-7588240	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_94125	AISIIKDTFISATER	AGAP004991-PA	-	93	2.97E-09	1	1664.923	0.86	Ovary	2L:-:7588026-7587982	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_97227	LSSGYSIHTR	AGAP004991-PA	-	49	0.000225042	2	1120.576	1.04	Salivary gland	2L:-:7588452-7588423	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_101550	FFPYYVSNVLAGLDQDGK	AGAP004991-PA	-	93	7.44E-09	1	2033.005	1.55	Midgut	2L:-:7588236-7588183	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_102064	AGGSAGPLLQPVLDNQIGQK	AGAP004991-PA	-	140	6.49E-14	1	1963.061	0.13	Ovary	2L:-:7588128-7588069	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_104390	DGIKEETLHLR	AGAP004991-PA	-	56	2.46E-05	1	1310.706	-0.56	Midgut	2L:-:7587936-7587904	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_105925	AISIIK	AGAP004991-PA	-	33	0.001060324	1	644.433	-1.09	Head	2L:-:7588026-7588009	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_108510	NMLNADPEPVKMEK	AGAP004991-PA	M2(Oxidation), M12(Oxidation)	56	3.10E-05	2	1647.778	3.93	Male reproductive organs	2L:-:7588068-7588027	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_113383	RFFPYYVSNVLAGLDQDGK	AGAP004991-PA	-	96	3.86E-09	1	2189.105	0.96	Ovary	2L:-:7588239-7588183	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_113434	NMLNADPEPVKMEK	AGAP004991-PA	M2(Oxidation), M12(Oxidation)	51	9.60E-05	2	1647.775	1.85	Ovary	2L:-:7588068-7588027	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_117748	TVLASTGCWCDTLALTSLVK	AGAP004991-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	66	3.54E-06	2	2196.102	-0.75	Visceras	2L:-:7588389-7588330	exon=> In CDS Exon 2 of transcript AGAP004991-PA
JHU_Ag_1765	YYPSISYENDAGRK	AGAP004992-PA	-	52	8.58E-05	2	1662.776	-0.11	Male reproductive organs	2L:+:7590421-7590462	exon=> In CDS Exon 2 of transcript AGAP004992-PA
JHU_Ag_36918	YYPSISYENDAGR	AGAP004992-PA	-	64	3.53E-06	1	1534.680	-0.28	Midgut	2L:+:7590421-7590459	exon=> In CDS Exon 2 of transcript AGAP004992-PA
JHU_Ag_41737	YYPSISYENDAGR	AGAP004992-PA	-	61	8.06E-06	2	1534.683	1.16	Male reproductive organs	2L:+:7590421-7590459	exon=> In CDS Exon 2 of transcript AGAP004992-PA
JHU_Ag_47952	SHIYDACDR	AGAP004992-PA	C7(Carbamidomethyl)	35	0.001416487	1	1136.478	-0.89	Midgut	2L:+:7590856-7590882	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_49867	AWADDHLVHLISPNVYR	AGAP004992-PA	-	69	1.99E-06	1	2006.031	3.31	Salivary gland	2L:+:7590637-7590687	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_50130	KPTSTLGLAVK	AGAP004992-PA	-	55	7.11E-06	2	1114.683	-0.27	Pupa	2L:+:7589883-7589915	exon=> In CDS Exon 1 of transcript AGAP004992-PA
JHU_Ag_51641	SHIYDACDR	AGAP004992-PA	C7(Carbamidomethyl)	45	0.000151779	2	1136.477	-1.64	Pupa	2L:+:7590856-7590882	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_56088	AWADDHLVHLISPNVYR	AGAP004992-PA	-	72	8.67E-07	1	2006.026	1.03	Male reproductive organs	2L:+:7590637-7590687	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_66373	VPILLAK	AGAP004992-PA	-	20	0.001513879	1	753.523	-0.2	Salivary gland	2L:+:7590295-7590315	exon=> In CDS Exon 2 of transcript AGAP004992-PA
JHU_Ag_67028	GGPTDHMLHEHVGPK	AGAP004992-PA	M7(Oxidation)	45	0.000424749	1	1627.763	-1.17	Midgut	2L:+:7589973-7590017	exon=> In CDS Exon 1 of transcript AGAP004992-PA

JHU_Ag_80558	AWADDHLVHLISPNVYR	AGAP004992-PA	-	81	9.90E-08	1	2006.048	11.99	Larva	2L:+:7590637-7590687	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_88036	YYPSISYENDAGR	AGAP004992-PA	-	43	0.000460719	2	1534.682	0.52	Salivary gland	2L:+:7590421-7590459	exon=> In CDS Exon 2 of transcript AGAP004992-PA
JHU_Ag_97568	AWADDHLVHLISPNVYR	AGAP004992-PA	-	96	3.88E-09	1	2006.023	-0.52	Midgut	2L:+:7590637-7590687	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_102487	VLDKLPDVK	AGAP004992-PA	-	45	0.000116698	1	1026.622	2.14	Malpighian tubule	2L:+:7590018-7590044	exon=> In CDS Exon 1 of transcript AGAP004992-PA
JHU_Ag_106763	YYPSISYENDAGR	AGAP004992-PA	-	70	1.04E-06	1	1534.682	0.52	Pupa	2L:+:7590421-7590459	exon=> In CDS Exon 2 of transcript AGAP004992-PA
JHU_Ag_106970	AWADDHLVHLISPNVYR	AGAP004992-PA	-	87	2.60E-08	1	2006.028	1.67	Pupa	2L:+:7590637-7590687	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_107105	IGPWFYAVK	AGAP004992-PA	-	62	5.34E-06	1	1080.589	0.99	Malpighian tubule	2L:+:7591021-7591047	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_111772	IGPWFYAVK	AGAP004992-PA	-	49	0.000107226	1	1080.588	0.31	Male reproductive organs	2L:+:7591021-7591047	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_113226	AWADDHLVHLISPNVYR	AGAP004992-PA	-	86	3.29E-08	1	2006.030	2.94	Malpighian tubule	2L:+:7590637-7590687	exon=> In CDS Exon 3 of transcript AGAP004992-PA
JHU_Ag_16	DCGCDIGGAADNVCNK	AGAP004993-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C14(Carbamidomethyl)	133	4.53E-14	2	1725.667	2.63	Midgut	2L:+:7598836-7598883	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_39	DCGCDIGGAADNVCNK	AGAP004993-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C14(Carbamidomethyl)	127	1.74E-13	2	1725.666	1.92	Visceras	2L:+:7598836-7598883	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_639	DIDITHK	AGAP004993-PA	-	35	0.002503139	1	841.445	3.71	Ovary	2L:+:7603612-7603632	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_796	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	125	3.90E-12	2	1895.845	-0.69	Male reproductive organs	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_1153	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	75	3.43E-07	1	2049.067	0.95	Head	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_1254	DFEHLHELKEQDLPTLVETQR	AGAP004993-PA	-	55	3.82E-05	1	2577.302	2.89	Head	2L:+:7599565-7599627	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_1312	KIEFETENEYLVAEEMPR	AGAP004993-PA	M16(Oxidation)	113	8.17E-11	1	2243.055	0.66	Midgut	2L:+:7600033-7600086	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_1563	YSDVSANSETALQAATAHSK	AGAP004993-PA	-	56	3.89E-05	1	2050.968	-0.02	Midgut	2L:+:7603795-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_1935	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	113	8.68E-11	1	1922.974	4.69	Larva	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_1946	YFYSIKDISIGGR	AGAP004993-PA	-	74	6.47E-07	1	1518.801	3.66	Malpighian tubule	2L:+:7596995-7597033	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_1988	VGNELTVSMDIRPR	AGAP004993-PA	M9(Oxidation)	60	1.54E-05	1	1602.829	1.24	Head	2L:+:7607196-7607237	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_2010	FAGCGSVPAGELCQCK	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	111	4.11E-11	1	1740.752	1.25	Malpighian tubule	2L:+:7598548-7598595	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_2040	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	123	6.34E-12	1	1823.848	1.77	Head	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_2223	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	103	7.13E-10	1	1823.850	3.11	Midgut	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_2492	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	69	1.19E-06	2	1677.760	1.34	Male reproductive organs	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_2542	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	107	1.47E-10	2	1837.795	5.73	Larva	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_2587	AQSGLLMSVHGR	AGAP004993-PA	M7(Oxidation)	56	3.84E-05	1	1271.658	3.91	Ovary	2L:+:7607238-7607273	exon=> In CDS Exon 10 of transcript AGAP004993-PA

JHU_Ag_2600	EVFQQTGSADHQQLHISEALYFGGYHSR	AGAP004993-PA	-	43	0.0005951	1	3205.502	-2.21	Midgut	2L:+:7605415-7605498	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_2686	LMHDIGEFDVK	AGAP004993-PA	M2(Oxidation)	54	6.01E-05	1	1319.629	-0.54	Visceras	2L:+:7603393-7603425	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_2992	YVLIVK	AGAP004993-PA	-	43	1.17E-05	1	734.485	4.84	Ovary	2L:+:7600177-7600194	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_3020	FFQPDHPAYNVHYR	AGAP004993-PA	-	56	3.42E-05	2	1790.838	-1.11	Midgut	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_3501	CVCNGHANTCNVLDPR	AGAP004993-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), C10(Carbamidomethyl)	49	6.70E-05	1	1886.808	1.16	Visceras	2L:+:7597034-7597081	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_3510	RQYDFSLSFK	AGAP004993-PA	-	50	0.000170378	2	1290.652	3.31	Ovary	2L:+:7606576-7606605	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_3641	VRDTVEQITPK	AGAP004993-PA	-	39	0.001230269	1	1285.712	0.38	Pupa	2L:+:7607666-7607698	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_3689	ASYWENGLATVISDVSLTMAHDDLDQPHLYR	AGAP004993-PA	M19(Oxidation)	117	1.98E-11	1	3533.684	5.5	Ovary	2L:+:7601689-7601781	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_4221	AEFEPPLCDACSYGHFGYPNCR	AGAP004993-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	54	1.51E-05	1	2647.096	6.07	Malpighian tubule	2L:+:7597622-7597687	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_4244	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	95	2.07E-09	2	1837.784	-0.38	Ovary	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_4554	ILDPMISDLSK	AGAP004993-PA	M5(Oxidation)	52	0.000111855	2	1247.659	2.71	Ovary	2L:+:7604218-7604250	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_5276	DGVLVLSSTGMELTTGDR	AGAP004993-PA	M11(Oxidation)	87	3.08E-08	2	1866.917	2.87	Visceras	2L:+:7605802-7605855	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_5383	DLAIEASSLSDKYSDVSANSETALQAATAHSK	AGAP004993-PA	-	76	3.05E-07	1	3280.590	2.61	Visceras	2L:+:7603759-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_5730	VEQFGEPVQTQHEK	AGAP004993-PA	-	46	0.000378891	1	1655.804	0.86	Malpighian tubule	2L:+:7603342-7603383	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_6008	YQFHEDIFPGFSSR	AGAP004993-PA	-	73	7.71E-07	2	1729.798	0.62	Head	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_6204	GLGCNALTGQCECLSGVVGEKCDSCPYR	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl), C22(Carbamidomethyl), C25(Carbamidomethyl)	98	7.63E-10	1	3147.351	2.85	Malpighian tubule	2L:+:7602691-7602774	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_6819	YVVVIDYITYR	AGAP004993-PA	-	77	2.79E-07	1	1403.757	-0.14	Midgut	2L:+:7599667-7599699	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_6866	EATENIENSK	AGAP004993-PA	-	57	3.27E-05	2	1134.530	2.17	Malpighian tubule	2L:+:7603549-7603578	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_6981	LDVDPVLQDIK	AGAP004993-PA	-	94	2.60E-09	2	1254.695	0.94	Larva	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_7064	NLLGHLMSVAR	AGAP004993-PA	M7(Oxidation)	44	0.000297762	1	1226.673	4.23	Ovary	2L:+:7596845-7596877	exon=> In CDS Exon 4 of transcript AGAP004993-PA
JHU_Ag_7091	ELYYPVEVPHAGR	AGAP004993-PA	-	42	0.001123985	2	1529.778	2.36	Malpighian tubule	2L:+:7599628-7599666	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_7409	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	124	6.91E-12	1	1922.969	2.16	Head	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_7925	ALDVRPGCPMK	AGAP004993-PA	C8(Carbamidomethyl), M10(Oxidation)	43	0.000640398	1	1259.626	1.85	Head	2L:+:7605595-7605627	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_7983	LILLNENLQDVTIK	AGAP004993-PA	-	67	3.97E-07	2	1625.948	0.6	Male reproductive organs	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_8442	SQYVITIK	AGAP004993-PA	-	33	0.002255343	1	951.555	3.89	Larva	2L:+:7607418-7607441	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_8578	AEFEPPLCDACSYGHFGYPNCR	AGAP004993-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	34	0.001448876	1	2647.089	3.44	Pupa	2L:+:7597622-7597687	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_8664	DQAIEAQAK	AGAP004993-PA	-	71	9.88E-07	2	973.496	1.35	Head	2L:+:7604173-7604199	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_8668	YVADDKWYQAIVER	AGAP004993-PA	-	87	2.87E-08	1	1755.871	0.3	Midgut	2L:+:7604749-7604790	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_8685	IFFLDPNNRKPILVR	AGAP004993-PA	-	37	0.000240654	1	1842.082	3.6	Ovary	2L:+:7599835-7599879	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_8691	ELLSEARR	AGAP004993-PA	-	39	0.002473182	2	973.532	-10.95	Ovary	2L:+:7603978-7604001	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_8869	EQFMMLLR	AGAP004993-PA	M5(Oxidation),M4(Oxidation),"M4(Oxidation), M5(Oxidation)"	50	0.000132157	2	1083.530	-2.68	Midgut	2L:+:7601641-7601664	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_8969	TEFPEGVLFYVADPR	AGAP004993-PA	-	51	0.00015634	1	1739.874	5.58	Ovary	2L:+:7606606-7606650	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_9489	YVADDKWYQAIVER	AGAP004993-PA	-	84	5.28E-08	1	1755.872	1.35	Head	2L:+:7604749-7604790	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_9639	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	80	1.13E-07	2	1677.764	3.52	Ovary	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_9673	EGFYNFPACEECNCDPAGVIPR	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	79	5.08E-08	2	2602.092	4.68	Larva	2L:+:7598482-7598547	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_9689	VGNELTVSMDIRPR	AGAP004993-PA	M9(Oxidation)	66	3.11E-06	1	1586.833	0.39	Visceras	2L:+:7607196-7607237	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_9865	LKYFDDMVDELEPK	AGAP004993-PA	M7(Oxidation)	40	0.001272789	2	1757.835	2.46	Larva	2L:+:7602922-7602963	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_10072	YQFHEDIFPGFSSR	AGAP004993-PA	-	69	1.79E-06	2	1729.808	6.26	Malpighian tubule	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_10101	KPILVR	AGAP004993-PA	-	32	0.00087884	1	725.503	-0.98	Head	2L:+:7599862-7599879	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_10465	FFQPDHPAYNVHYR	AGAP004993-PA	-	46	0.000331975	1	1790.845	2.94	Larva	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_11495	VRDTVEQITPK	AGAP004993-PA	-	48	0.00014514	2	1285.706	-3.79	Head	2L:+:7607666-7607698	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_11932	TIPCSTQIETGTFFGNGGGFVK	AGAP004993-PA	C4(Carbamidomethyl), N16(Deamidated)	78	2.22E-07	2	2319.099	1.14	Pupa	2L:+:7607112-7607177	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_11949	ESLRNEENPSTGFR	AGAP004993-PA	-	62	9.90E-06	1	1635.774	1.38	Malpighian tubule	2L:+:7605070-7605111	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_12059	DTGECVCPDR	AGAP004993-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	23	0.00633787	1	1208.468	0.49	Midgut	2L:+:7600765-7600794	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_12173	GFDGCIDDVYILGNK	AGAP004993-PA	C5(Carbamidomethyl)	66	3.87E-06	2	1685.789	3.16	Ovary	2L:+:7605526-7605570	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_12275	DGVLVLSSTGMELTTGDR	AGAP004993-PA	M11(Oxidation)	39	0.001825307	2	1866.913	0.71	Salivary gland	2L:+:7605802-7605855	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_12504	ATDQTEGIDNR	AGAP004993-PA	-	48	0.000125562	2	1219.554	-0.71	Midgut	2L:+:7603918-7603950	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_12629	HTDFIALHLR	AGAP004993-PA	-	77	1.44E-07	1	1222.667	-1.5	Head	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_12741	YDDNEWHTVHFTR	AGAP004993-PA	-	47	0.000127 6	1	1719.756	2.75	Ovary	2L:+:7606747-7606785	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_12784	LVGANTENDHQNQYSVIQGQVCDVC DPNDPDK	AGAP004993-PA	N8(Deamidated), C22(Carbamidomethyl), C25(Carbamidomethyl),"C 22(Carbamidomethyl), C25(Carbamidomethyl)"	111	4.49E-11	1	3629.591	1.22	Head	2L:+:7594560-7594619,7594691-7594726	exon=> In CDS Exon 1 and 2 of transcript AGAP004993-PA
JHU_Ag_12893	HNFDGPHCK	AGAP004993-PA	C8(Carbamidomethyl)	48	7.94E-05	1	1111.475	1.19	Midgut	2L:+:7597760-7597786	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_12936	IVASATCGVGTDGPELYCK	AGAP004993-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	44	0.000608 539	2	1997.932	0.76	Male reproductive organs	2L:+:7594503-7594559	exon=> In CDS Exon 1 of transcript AGAP004993-PA
JHU_Ag_13174	EQVLPGAYNVFNVDQNSK	AGAP004993-PA	-	108	2.76E-10	1	2021.992	-0.63	Visceras	2L:+:7604860-7604913	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_14071	DGLLFYAGK	AGAP004993-PA	-	41	0.000683 977	2	983.520	-0.06	Salivary gland	2L:+:7605211-7605237	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_14198	TCSYPLTTHYYPTLYQYQFEYEDGYTQS GAQVR	AGAP004993-PA	C2(Carbamidomethyl)	83	3.85E-08	1	4029.804	3.11	Malpighian tubule	2L:+:7598926-7599024	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_14308	ESLRNEENPSTGFR	AGAP004993-PA	-	48	0.000244 958	2	1635.772	-0.12	Head	2L:+:7605070-7605111	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_14323	IFFLDPNNR	AGAP004993-PA	-	46	0.000455 739	1	1135.595	5.16	Ovary	2L:+:7599835-7599861	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_14373	ATDQTEGIDNR	AGAP004993-PA	-	58	1.45E-05	1	1219.560	4.29	Ovary	2L:+:7603918-7603950	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_14385	GLSLDIHGNYEGGGVCQNCQHNTK	AGAP004993-PA	C16(Carbamidomethyl), C19(Carbamidomethyl)	126	2.84E-12	1	2658.190	4.29	Larva	2L:+:7597337-7597408	exon=> In CDS Exon 6 of transcript AGAP004993-PA
JHU_Ag_14393	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	135	3.50E-13	1	1895.846	-0.37	Visceras	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_14965	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	100	1.57E-09	1	1922.966	0.79	Visceras	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_15215	DMTVNTIR	AGAP004993-PA	M2(Oxidation)	41	0.001119 78	2	965.472	-0.33	Midgut	2L:+:7601236-7601259	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_16089	SLDPHGVNLNPSR	AGAP004993-PA	-	53	8.10E-05	1	1405.719	0.43	Midgut	2L:+:7602970-7603008	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_16311	FFQPDHPAYNVHYR	AGAP004993-PA	-	101	1.09E-09	1	1790.849	5.09	Ovary	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_16420	GTLDEVCDKNSGTCLCR	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	105	2.00E-10	1	1984.858	2.8	Larva	2L:+:7598125-7598175	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_16443	LPVTPDQDVDFDSGYRFGTGQFSHIEF SEVPLK	AGAP004993-PA	-	46	0.000270 668	1	3727.829	10.09	Malpighian tubule	2L:+:7606471-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_16624	VDLSINLK	AGAP004993-PA	-	41	0.000808 216	2	901.535	-0.23	Visceras	2L:+:7605571-7605594	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_16938	TIPCSTQIETGTFFGNGGGFVK	AGAP004993-PA	C4(Carbamidomethyl), N16(Deamidated)	78	2.40E-07	1	2319.108	4.93	Larva	2L:+:7607112-7607177	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_17347	GYAVMSSLQNEVINEVR	AGAP004993-PA	M5(Oxidation)	92	9.26E-09	2	1924.954	5.46	Malpighian tubule	2L:+:7599067-7599117	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_17388	GYAVMSSLQNEVINEVR	AGAP004993-PA	M5(Oxidation)	101	1.29E-09	1	1908.954	2.65	Visceras	2L:+:7599067-7599117	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_17565	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	101	8.32E-10	2	1677.755	-1.79	Visceras	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_17758	RYDDNEWHTVHFTR	AGAP004993-PA	-	64	4.68E-06	1	1875.857	2.42	Larva	2L:+:7606744-7606785	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_18105	CSCLENFGGR	AGAP004993-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	47	6.12E-05	2	1199.500	5.56	Larva	2L:+:7598299-7598328	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_18120	QATTQIER	AGAP004993-PA	-	40	0.001566222	2	946.499	3.82	Malpighian tubule	2L:+:7604311-7604334	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_18129	SCEDCAPGYYR	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	60	5.25E-07	2	1377.519	-0.46	Midgut	2L:+:7601830-7601862	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_18131	HYLDNIK	AGAP004993-PA	-	42	0.001039484	2	902.473	-0.06	Midgut	2L:+:7603255-7603275	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_18442	AQSGLLMSVHGR	AGAP004993-PA	M7(Oxidation)	55	4.99E-05	2	1271.655	1.89	Malpighian tubule	2L:+:7607238-7607273	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_18801	NGAVVFQFK	AGAP004993-PA	N1(Deamidated)	34	0.004108881	2	1010.531	0.5	Malpighian tubule	2L:+:7605268-7605294	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_19160	YKNPNPDNVVASILITPDNPTEVEQK	AGAP004993-PA	-	60	1.09E-05	1	2895.479	1.93	Pupa	2L:+:7599154-7599231	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_19206	LILLNENLQDVTIK	AGAP004993-PA	-	86	5.26E-09	1	1625.951	2.25	Ovary	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_19584	HTDFIALHLR	AGAP004993-PA	-	59	8.32E-06	1	1222.673	3.07	Malpighian tubule	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_19777	ELTDLNNAVDNDLPNSYDEYQQLNPQIER	AGAP004993-PA	-	67	2.20E-06	1	3420.593	2.96	Ovary	2L:+:7603654-7603740	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_19814	IVASATCGVGTDGPELYCK	AGAP004993-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	107	2.68E-10	2	1997.926	-2.23	Midgut	2L:+:7594503-7594559	exon=> In CDS Exon 1 of transcript AGAP004993-PA
JHU_Ag_19837	YFDDMVDELEPK	AGAP004993-PA	M5(Oxidation)	61	5.22E-06	2	1516.659	5.32	Larva	2L:+:7602928-7602963	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_20057	DMTVNTIR	AGAP004993-PA	M2(Oxidation)	49	0.000167458	2	965.476	3.59	Larva	2L:+:7601236-7601259	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_21550	VPFQGCIR	AGAP004993-PA	C6(Carbamidomethyl)	38	0.002858726	1	976.504	0.62	Ovary	2L:+:7607633-7607656	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_21742	GYAVMSSLQNEVINEVR	AGAP004993-PA	M5(Oxidation)	125	4.95E-12	1	1924.950	3.37	Ovary	2L:+:7599067-7599117	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_21978	YFDDMVDELEPK	AGAP004993-PA	M5(Oxidation)	61	4.24E-06	1	1516.658	4.76	Ovary	2L:+:7602928-7602963	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_22465	MFTTLQTELEPQSK	AGAP004993-PA	M1(Oxidation)	75	5.54E-07	1	1668.815	0	Midgut	2L:+:7604002-7604043	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_22591	DMTVNTIR	AGAP004993-PA	M2(Oxidation)	39	0.001502814	2	965.475	3.4	Ovary	2L:+:7601236-7601259	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_22724	EGFYNFPACEECNCDPAGVIPR	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	29	0.004111921	2	2602.082	1.02	Ovary	2L:+:7598482-7598547	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_22801	VNDVSSNPAIGDAR	AGAP004993-PA	-	59	1.68E-05	2	1414.693	0.44	Salivary gland	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_22863	ACNLCAPGFYGDAINLK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	86	3.37E-08	2	1883.886	4.29	Larva	2L:+:7602319-7602369	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_23442	HTDFIALHLR	AGAP004993-PA	-	65	2.55E-06	1	1222.670	0.97	Pupa	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_23580	DCGCDIGGAADNVCNK	AGAP004993-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C14(Carbamidomethyl)	27	0.001854567	2	1725.665	1.43	Pupa	2L:+:7598836-7598883	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_23665	YVVVIDYITYR	AGAP004993-PA	-	68	2.15E-06	2	1403.759	1.43	Ovary	2L:+:7599667-7599699	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_23696	KIETPCEFNDPNLCR	AGAP004993-PA	C6(Carbamidomethyl), C14(Carbamidomethyl)	68	1.86E-06	1	1892.864	0.38	Visceras	2L:+:7599424-7599468	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_24092	ILACQCQHNTCGVQCAECCPGFQQK	AGAP004993-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)	109	2.37E-11	1	3054.258	0.42	Larva	2L:+:7597094-7597168	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_24473	ACNLCAPGFYGDAINLK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	40	0.001153201	2	1883.875	-1.48	Male reproductive organs	2L:+:7602319-7602369	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_25217	VNDVSSNPAIGDAR	AGAP004993-PA	-	100	1.38E-09	2	1414.697	3.29	Malpighian tubule	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_25555	TYNDGEWHALTAAHDHDR	AGAP004993-PA	-	87	1.39E-08	1	2108.921	1.94	Head	2L:+:7605856-7605909	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_25673	TDKPEGFVLYLGNEVKPDAKK	AGAP004993-PA	-	52	5.12E-05	1	2348.254	1.83	Ovary	2L:+:7604587-7604649	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_25963	TKNLLGHLMSVAR	AGAP004993-PA	M9(Oxidation)	77	1.62E-07	1	1455.815	3.59	Malpighian tubule	2L:+:7596839-7596877	exon=> In CDS Exon 4 of transcript AGAP004993-PA
JHU_Ag_26542	VEQFGEPVQTQHEKLAK	AGAP004993-PA	-	70	1.31E-06	1	1968.025	3.21	Malpighian tubule	2L:+:7603342-7603392	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_26555	TIADDYYTSQK	AGAP004993-PA	-	52	8.51E-05	1	1304.603	1.68	Visceras	2L:+:7602889-7602921	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_26560	YKNPNPDNVVASILITPDNPTEVEQK	AGAP004993-PA	-	36	0.002437476	1	2895.488	4.84	Salivary gland	2L:+:7599154-7599231	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_26620	DCGCDIGGAADNVCNK	AGAP004993-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C14(Carbamidomethyl)	36	0.000285043	2	1725.672	5.53	Ovary	2L:+:7598836-7598883	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_26656	GLSLDIHGNYEGGGVCQNCQHNTK	AGAP004993-PA	C16(Carbamidomethyl), C19(Carbamidomethyl)	88	1.76E-08	1	2658.185	2.64	Head	2L:+:7597337-7597408	exon=> In CDS Exon 6 of transcript AGAP004993-PA
JHU_Ag_26797	LEDLYTWSLK	AGAP004993-PA	-	53	6.29E-05	2	1267.660	2.78	Ovary	2L:+:7603426-7603455	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_26853	TDKPEGFVLYLGNEVKPDAK	AGAP004993-PA	-	112	6.72E-11	1	2220.158	1.36	Malpighian tubule	2L:+:7604587-7604646	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_27112	KIEFETENEYLVAEEMPR	AGAP004993-PA	M16(Oxidation)	41	0.001274583	3	2243.055	0.54	Visceras	2L:+:7600033-7600086	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_27248	ELFAAGDVPLYYPNDGKDPEVFVQSR	AGAP004993-PA	-	97	2.33E-09	1	2926.442	5.67	Salivary gland	2L:+:7606153-7606230	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_27277	SHPPEYAIDGTQNWWQSPPLSR	AGAP004993-PA	-	65	4.28E-06	1	2566.222	4.35	Midgut	2L:+:7594727-7594792	exon=> In CDS Exon 2 of transcript AGAP004993-PA
JHU_Ag_27283	NGAVVFQFK	AGAP004993-PA	N1(Deamidated)	50	0.000117024	2	1009.546	-0.52	Ovary	2L:+:7605268-7605294	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_27362	ASYWENGLATVISDVSLTMAHDDLDQPHLYR	AGAP004993-PA	N6(Deamidated), M19(Oxidation)	55	3.07E-05	1	3534.673	6.84	Larva	2L:+:7601689-7601781	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_27544	QQSQLQFQFK	AGAP004993-PA	-	51	0.000103483	2	1281.658	-0.31	Midgut	2L:+:7605163-7605192	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_28046	IFFLDPNNR	AGAP004993-PA	-	52	9.68E-05	1	1135.589	-0.21	Male reproductive organs	2L:+:7599835-7599861	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_28123	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	96	1.58E-09	1	1837.785	0.28	Male reproductive organs	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_28275	ILDPMISDLSK	AGAP004993-PA	-	42	0.001013268	2	1231.657	-2.37	Midgut	2L:+:7604218-7604250	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_28442	GLGCNALTGQCECLSGVVGEK	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	68	2.28E-06	2	2209.012	3.41	Malpighian tubule	2L:+:7602691-7602753	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_28554	GLGCNALTGQCECLSGVVGEK	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	95	4.44E-09	2	2209.014	4.3	Larva	2L:+:7602691-7602753	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_29253	AAESDAASRELLSEAR	AGAP004993-PA	-	61	1.53E-05	2	1675.831	3.62	Malpighian tubule	2L:+:7603951-7603998	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_29445	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	137	2.26E-13	1	1895.844	-1.27	Head	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_29594	IVASATCGVGTDGPELYCK	AGAP004993-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	133	6.67E-13	1	1997.939	4.12	Malpighian tubule	2L:+:7594503-7594559	exon=> In CDS Exon 1 of transcript AGAP004993-PA
JHU_Ag_29717	LILLNENLQDVTIK	AGAP004993-PA	-	75	5.77E-08	2	1625.952	2.7	Pupa	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_30634	GYAVMSSLQNEVINEVRVLK	AGAP004993-PA	-	56	1.55E-05	1	2249.207	4.9	Malpighian tubule	2L:+:7599067-7599126	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_30642	MGNSPRPGLWSLEK	AGAP004993-PA	M1(Oxidation)	37	0.002855791	1	1587.799	2.28	Malpighian tubule	2L:+:7596445-7596486	exon=> In CDS Exon 3 of transcript AGAP004993-PA
JHU_Ag_30663	SVYMAEQLPK	AGAP004993-PA	M4(Oxidation)	39	0.001767473	2	1181.586	-0.66	Salivary gland	2L:+:7604251-7604280	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_30797	QQSQLQFQFK	AGAP004993-PA	-	54	4.92E-05	1	1281.664	4.54	Ovary	2L:+:7605163-7605192	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_31241	LVHINTK	AGAP004993-PA	-	44	8.36E-05	1	824.502	4.14	Ovary	2L:+:7603147-7603167	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_31289	IVPLEGGEIPIR	AGAP004993-PA	-	75	9.43E-08	2	1292.758	0.87	Head	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_31356	ACNLCAPGFYGDAINLK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	106	3.04E-10	1	1883.874	-2.06	Head	2L:+:7602319-7602369	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_31442	VEQFGEPVQTQHEK	AGAP004993-PA	-	70	1.59E-06	1	1655.806	1.9	Head	2L:+:7603342-7603383	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_31570	IFFLDPNNR	AGAP004993-PA	-	47	0.000316469	1	1135.592	2.37	Pupa	2L:+:7599835-7599861	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_31572	VNDVSSNPAIGDAR	AGAP004993-PA	-	96	3.51E-09	2	1414.693	0.36	Visceras	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_31769	FFQPDHPAYNVHYR	AGAP004993-PA	-	36	0.003296784	1	1790.839	-0.23	Pupa	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_31819	SPSTDTTRPLFLGGHPHLQR	AGAP004993-PA	-	86	3.05E-08	1	2217.154	0.67	Larva	2L:+:7607484-7607543	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_32110	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	106	1.72E-10	2	1837.793	4.67	Malpighian tubule	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32193	LDVDPVLQDIK	AGAP004993-PA	-	94	2.58E-09	2	1254.696	1.62	Visceras	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32279	GTTFEICDQTDESCFCK	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	96	4.18E-10	2	2097.831	5.45	Larva	2L:+:7601029-7601079	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32372	NNPEVGILHVNLVGDLDQDGSATVYPCTYTTVCR	AGAP004993-PA	C27(Carbamidomethyl), C33(Carbamidomethyl)	57	2.17E-05	1	3777.791	1.72	Ovary	2L:+:7599700-7599801	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32542	YSDVSANSETALQAATAHSK	AGAP004993-PA	-	45	0.000494896	1	2050.968	0.33	Head	2L:+:7603795-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32577	GYAVMSSLQNEVINEVR	AGAP004993-PA	M5(Oxidation)	138	2.56E-13	1	1924.944	0.39	Midgut	2L:+:7599067-7599117	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_32589	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	106	4.03E-10	1	1922.964	-0.17	Pupa	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32788	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	65	4.42E-06	1	2049.070	2.56	Salivary gland	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32852	GTTFEICDQTDESCFCK	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	81	1.14E-08	1	2097.823	1.61	Midgut	2L:+:7601029-7601079	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_32927	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	106	1.86E-10	1	1837.789	2.34	Visceras	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_33277	NLLGHLMSVAR	AGAP004993-PA	M7(Oxidation)	36	0.002127861	1	1226.667	-0.45	Midgut	2L:+:7596845-7596877	exon=> In CDS Exon 4 of transcript AGAP004993-PA
JHU_Ag_34373	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	78	1.99E-07	2	1677.766	4.68	Malpighian tubule	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_34491	TEFPEGVLFYVADPR	AGAP004993-PA	-	46	0.000491418	1	1739.872	4.6	Head	2L:+:7606606-7606650	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_34587	EGFYNFPACEECNCDPAGVIPR	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	53	1.89E-05	2	2602.086	2.61	Malpighian tubule	2L:+:7598482-7598547	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_34611	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	103	6.66E-10	1	1823.847	1.31	Salivary gland	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_34680	GTTFEICDQTDESCFCK	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	96	3.67E-10	2	2097.823	1.38	Visceras	2L:+:7601029-7601079	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_35035	YKNPNPDNVVASILITPDNPTEVEQK	AGAP004993-PA	-	112	7.02E-11	1	2895.473	-0.34	Midgut	2L:+:7599154-7599231	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_35057	EKIFFLDPNNR	AGAP004993-PA	-	50	0.000131797	2	1392.727	0.01	Midgut	2L:+:7599829-7599861	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_36102	EQFMMLLR	AGAP004993-PA	M4(Oxidation)	50	0.000103601	2	1083.532	-0.2	Visceras	2L:+:7601641-7601664	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_36349	IVASATCGVGTDGPELYCK	AGAP004993-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	81	1.13E-07	2	1997.940	4.49	Salivary gland	2L:+:7594503-7594559	exon=> In CDS Exon 1 of transcript AGAP004993-PA
JHU_Ag_36360	FFQPDHPAYNVHYR	AGAP004993-PA	-	85	4.25E-08	1	1790.846	3.73	Malpighian tubule	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_36418	DGVLVLSSTGMELTTGDR	AGAP004993-PA	M11(Oxidation)	108	2.07E-10	1	1866.912	0.32	Head	2L:+:7605802-7605855	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_36751	GLGCNALTGQCECLSGVVGEK	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	61	9.85E-06	2	2209.006	0.43	Pupa	2L:+:7602691-7602753	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_37038	TDKPEGFVLYLGNEVKPDAK	AGAP004993-PA	-	45	0.000348489	1	2220.151	-1.69	Midgut	2L:+:7604587-7604646	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_37048	ELLSEARR	AGAP004993-PA	-	42	0.001211312	1	973.531	-11.45	Pupa	2L:+:7603978-7604001	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_37194	SQYVITIKVNDVSSNPAIGDAR	AGAP004993-PA	-	60	9.08E-06	1	2347.242	6.94	Malpighian tubule	2L:+:7607418-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_37232	LDVDPVLQDIK	AGAP004993-PA	-	66	1.86E-06	2	1254.699	3.66	Ovary	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_37587	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	68	1.24E-06	1	1958.051	1.54	Head	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_37589	QFGYVSQPGVASVNSLQVNLK	AGAP004993-PA	-	68	1.16E-06	2	2235.177	0.18	Midgut	2L:+:7605658-7605720	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_37673	ELLSEARR	AGAP004993-PA	-	42	0.001211312	1	973.532	-10.77	Salivary gland	2L:+:7603978-7604001	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_37834	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	81	5.81E-08	1	1958.050	1.17	Midgut	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_37863	TGMDYCDNFIGTCNCLPNVIGEK	AGAP004993-PA	M3(Oxidation), C6(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	47	0.000100484	3	2694.143	4.74	Larva	2L:+:7602397-7602465	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_38156	KIETPCEFNDPNLCR	AGAP004993-PA	C6(Carbamidomethyl), C14(Carbamidomethyl)	76	2.97E-07	2	1892.867	1.83	Ovary	2L:+:7599424-7599468	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_38501	YPDCTYCNCDVR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	71	4.47E-08	1	1622.602	-0.57	Midgut	2L:+:7598025-7598040,7598105-7598124	exon=> In CDS Exon 8 and 9 of transcript AGAP004993-PA
JHU_Ag_38600	NEENPSTGFR	AGAP004993-PA	-	44	0.000333007	2	1150.511	-1.29	Midgut	2L:+:7605082-7605111	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_38972	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	158	2.16E-15	1	1895.849	1.31	Larva	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_38992	YQFHEDIFPGFSSR	AGAP004993-PA	-	67	2.68E-06	1	1729.796	-0.44	Midgut	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_39116	QQSQLQFQFK	AGAP004993-PA	-	37	0.002930993	2	1281.660	1.31	Head	2L:+:7605163-7605192	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_39356	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	71	9.53E-07	1	2049.075	4.65	Malpighian tubule	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_39423	RYDDNEWHTVHFTR	AGAP004993-PA	-	62	8.05E-06	1	1875.857	2.61	Malpighian tubule	2L:+:7606744-7606785	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_39480	AEFEPPLCDACSYGHFGYPNCR	AGAP004993-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	54	1.47E-05	1	2647.093	4.96	Larva	2L:+:7597622-7597687	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_40142	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	63	4.01E-06	1	1958.050	0.92	Ovary	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_40806	YKNPNPDNVVASILITPDNPTEVEQK	AGAP004993-PA	-	100	1.15E-09	1	2895.484	3.58	Ovary	2L:+:7599154-7599231	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_40834	GTTFEICDQTDESCFCKK	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	51	2.27E-05	1	2225.924	4.01	Larva	2L:+:7601029-7601082	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_40873	HNFDGPHCK	AGAP004993-PA	C8(Carbamidomethyl)	43	0.000249627	1	1111.478	3.89	Ovary	2L:+:7597760-7597786	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_40973	AQSGLLMSVHGR	AGAP004993-PA	M7(Oxidation)	80	1.53E-07	1	1271.653	0.07	Head	2L:+:7607238-7607273	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_41085	IVASATCGVGTDGPELYCK	AGAP004993-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	118	2.10E-11	1	1997.933	0.88	Visceras	2L:+:7594503-7594559	exon=> In CDS Exon 1 of transcript AGAP004993-PA
JHU_Ag_41399	VRDTVEQITPK	AGAP004993-PA	-	38	0.001490858	1	1285.711	-0.09	Male reproductive organs	2L:+:7607666-7607698	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_41866	IEQLQIGGEHVGLWNFIDAQNVYGSPER	AGAP004993-PA	-	97	2.43E-09	1	3169.572	0.58	Midgut	2L:+:7604986-7605069	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_42170	DLAIEASSLSDK	AGAP004993-PA	-	50	0.000184954	2	1248.635	2.76	Salivary gland	2L:+:7603759-7603794	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_42323	SLDPHGVNLNPSR	AGAP004993-PA	-	40	0.001735737	1	1405.718	-0.51	Male reproductive organs	2L:+:7602970-7603008	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_42883	NTIDEVMILGENLGSSEITK	AGAP004993-PA	-	59	1.88E-05	2	2163.096	4.83	Head	2L:+:7603168-7603227	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_43011	GTTFEICDQTDESCFCK	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	102	8.42E-11	2	2097.822	0.92	Head	2L:+:7601029-7601079	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_43735	RILACQCQHNTCGVQCAECCPGFQQK	AGAP004993-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl), C20(Carbamidomethyl)	78	7.15E-08	1	3210.369	3.5	Malpighian tubule	2L:+:7597091-7597168	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_43995	LFIGGYPPEYNMPQDVK	AGAP004993-PA	M12(Oxidation)	59	1.87E-05	1	1983.964	5.99	Ovary	2L:+:7604914-7604964	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_44260	NTIDEVMILGENLGSSEITK	AGAP004993-PA	M7(Oxidation)	102	9.49E-10	2	2179.081	0.63	Visceras	2L:+:7603168-7603227	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_44371	LFIGGYPPEYNMPQDVK	AGAP004993-PA	M12(Oxidation)	65	4.63E-06	1	1983.953	0.39	Midgut	2L:+:7604914-7604964	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_44433	DLAIEASSLSDK	AGAP004993-PA	-	75	6.49E-07	2	1248.633	1.3	Male reproductive organs	2L:+:7603759-7603794	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_44644	VPFQGCIR	AGAP004993-PA	C6(Carbamidomethyl)	45	0.000675958	2	976.502	-1.31	Head	2L:+:7607633-7607656	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_44679	YKNPNPDNVVASILITPDNPTEVEQK	AGAP004993-PA	-	110	9.83E-11	1	2895.483	3.26	Head	2L:+:7599154-7599231	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_45319	IVPLEGGEIPIR	AGAP004993-PA	-	67	4.31E-07	1	1292.765	5.59	Malpighian tubule	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_45327	LGVRHCPANSGCR	AGAP004993-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	37	0.002515222	1	1483.704	2.4	Malpighian tubule	2L:+:7600270-7600308	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_45925	HTDFIALHLR	AGAP004993-PA	-	72	4.37E-07	1	1222.672	2.47	Larva	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_46005	EQVLPGAYNVFNVDQNSK	AGAP004993-PA	-	93	7.44E-09	1	2022.009	8.07	Salivary gland	2L:+:7604860-7604913	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_46318	EVFQQTGSADHQQLHISEALYFGGYHSR	AGAP004993-PA	-	57	2.69E-05	1	3205.515	1.9	Malpighian tubule	2L:+:7605415-7605498	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_46396	NGAVVFQFK	AGAP004993-PA	N1(Deamidated)	46	0.000244751	2	1010.531	0.32	Visceras	2L:+:7605268-7605294	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_46546	LILLNENLQDVTIK	AGAP004993-PA	-	80	1.77E-08	1	1625.955	4.72	Malpighian tubule	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_47022	IVPLEGGEIPIR	AGAP004993-PA	-	51	2.14E-05	1	1292.758	0.21	Male reproductive organs	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_47267	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	116	2.23E-11	1	1677.755	-1.94	Midgut	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_47273	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	60	1.05E-05	1	1677.763	3.23	Salivary gland	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_47483	YFDDMVDELEPK	AGAP004993-PA	M5(Oxidation)	87	9.13E-09	1	1516.651	-0.23	Midgut	2L:+:7602928-7602963	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_47591	QFGYVSQPGVASVNSLQVNLK	AGAP004993-PA	-	75	3.03E-07	2	2235.175	-0.69	Visceras	2L:+:7605658-7605720	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_47945	ELFAAGDVPLYYPNDGKDPEVFVQSR	AGAP004993-PA	-	90	1.16E-08	1	2926.444	6.04	Malpighian tubule	2L:+:7606153-7606230	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_48025	IVASATCGVGTDGPELYCK	AGAP004993-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	136	3.78E-13	1	1997.931	0.33	Ovary	2L:+:7594503-7594559	exon=> In CDS Exon 1 of transcript AGAP004993-PA
JHU_Ag_48124	RYDDNEWHTVHFTR	AGAP004993-PA	-	75	4.29E-07	1	1875.857	2.68	Ovary	2L:+:7606744-7606785	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_48271	IFFLDPNNR	AGAP004993-PA	-	46	0.00046226	1	1135.590	0.22	Midgut	2L:+:7599835-7599861	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_48344	TIADDYYTSQK	AGAP004993-PA	-	90	1.34E-08	1	1304.606	4.58	Ovary	2L:+:7602889-7602921	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_48466	IETPCEFNDPNLCR	AGAP004993-PA	C5(Carbamidomethyl), C13(Carbamidomethyl)	34	0.003004664	2	1764.773	3.01	Head	2L:+:7599427-7599468	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_48596	VNDVSSNPAIGDAR	AGAP004993-PA	-	103	7.59E-10	2	1414.691	-0.77	Pupa	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_49087	EQVLPGAYNVFNVDQNSK	AGAP004993-PA	-	108	2.55E-10	1	2022.001	4.2	Ovary	2L:+:7604860-7604913	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_49157	DCGCDIGGAADNVCNK	AGAP004993-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C14(Carbamidomethyl)	155	3.25E-16	1	1725.667	2.28	Head	2L:+:7598836-7598883	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_49390	YKNPNPDNVVASILITPDNPTEVEQK	AGAP004993-PA	-	86	2.79E-08	1	2895.477	1.24	Visceras	2L:+:7599154-7599231	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_50026	VEQFGEPVQTQHEK	AGAP004993-PA	-	76	4.00E-07	1	1655.811	4.92	Ovary	2L:+:7603342-7603383	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_50542	YVLIVK	AGAP004993-PA	-	27	0.000532035	2	734.479	-2.47	Salivary gland	2L:+:7600177-7600194	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_50758	YVADDKWYQAIVER	AGAP004993-PA	-	107	3.13E-10	1	1755.878	4.75	Malpighian tubule	2L:+:7604749-7604790	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_51096	DISTNSENLLAAASNVLDDCR	AGAP004993-PA	C20(Carbamidomethyl)	45	0.000380981	1	2278.060	-0.8	Male reproductive organs	2L:+:7603084-7603146	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_51116	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	131	1.13E-12	1	1823.853	4.52	Ovary	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_51120	SHPPEYAIDGTQNWWQSPPLSR	AGAP004993-PA	-	33	0.006352421	2	2566.214	1.02	Ovary	2L:+:7594727-7594792	exon=> In CDS Exon 2 of transcript AGAP004993-PA
JHU_Ag_51378	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	99	1.79E-09	1	1922.969	2.02	Malpighian tubule	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_52038	SPSTDTTRPLFLGGHPHLQR	AGAP004993-PA	-	56	3.21E-05	1	2217.152	-0.19	Male reproductive organs	2L:+:7607484-7607543	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_52154	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	120	1.36E-11	1	2049.065	-0.24	Ovary	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_52173	SVDESSATAIK	AGAP004993-PA	-	55	5.19E-05	2	1107.553	0.04	Midgut	2L:+:7599880-7599912	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_52231	GINCNQCEDKFYRPYGR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	41	0.000685916	1	2176.966	0.28	Ovary	2L:+:7597409-7597459	exon=> In CDS Exon 6 of transcript AGAP004993-PA
JHU_Ag_52657	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	76	1.64E-07	2	1837.791	3.47	Pupa	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_53373	FAGCGSVPAGELCQCK	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	48	8.40E-05	1	1740.750	-0.15	Ovary	2L:+:7598548-7598595	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_53986	LDQAFTEAK	AGAP004993-PA	-	59	1.47E-05	2	1022.520	4.67	Ovary	2L:+:7603228-7603254	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_54034	EQDLPTLVETQR	AGAP004993-PA	-	54	4.77E-05	2	1428.735	1.36	Malpighian tubule	2L:+:7599592-7599627	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_54259	SVYMAEQLPK	AGAP004993-PA	M4(Oxidation)	63	8.42E-06	2	1181.588	0.47	Male reproductive organs	2L:+:7604251-7604280	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_54420	MFTTLQTELEPQSK	AGAP004993-PA	M1(Oxidation)	63	8.33E-06	2	1668.818	1.54	Visceras	2L:+:7604002-7604043	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_54431	YVADDKWYQAIVER	AGAP004993-PA	-	63	7.34E-06	2	1755.872	1	Ovary	2L:+:7604749-7604790	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_54599	DISTNSENLLAAASNVLDDCR	AGAP004993-PA	C20(Carbamidomethyl)	41	0.000942475	2	2278.061	-0.26	Head	2L:+:7603084-7603146	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_54823	ELFAAGDVPLYYPNDGKDPEVFVQSR	AGAP004993-PA	-	97	2.51E-09	1	2926.426	-0.09	Ovary	2L:+:7606153-7606230	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_55215	ILACQCQHNTCGVQCAECCPGFQQK	AGAP004993-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)	109	2.81E-11	1	3054.263	2.22	Head	2L:+:7597094-7597168	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_55216	IVPLEGGEIPIR	AGAP004993-PA	-	38	0.000440959	2	1292.758	0.68	Salivary gland	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_55304	YQFHEDIFPGFSSR	AGAP004993-PA	-	60	1.58E-05	1	1729.798	0.83	Male reproductive organs	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_55319	YSDVSANSETALQAATAHSK	AGAP004993-PA	-	145	4.87E-14	1	2050.998	14.71	Ovary	2L:+:7603795-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_55785	RQIGEAR	AGAP004993-PA	-	39	0.00204323	2	829.466	2.2	Ovary	2L:+:7604446-7604466	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_55994	DISTNSENLLAAASNVLDDCR	AGAP004993-PA	C20(Carbamidomethyl)	107	2.51E-10	2	2278.055	-2.84	Midgut	2L:+:7603084-7603146	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_56221	LDQAFTEAK	AGAP004993-PA	-	56	3.03E-05	2	1022.514	-0.94	Midgut	2L:+:7603228-7603254	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_56387	ECNTCVDGTYNLQASNPDGCTK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C20(Carbamidomethyl)	104	6.91E-11	2	2504.014	0.55	Ovary	2L:+:7601098-7601163	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_56713	TIADDYYTSQK	AGAP004993-PA	-	41	0.000998117	2	1304.600	-0.56	Male reproductive organs	2L:+:7602889-7602921	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_56817	LEDLYTWSLK	AGAP004993-PA	-	38	0.00193599	2	1267.657	0.28	Malpighian tubule	2L:+:7603426-7603455	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_56884	TIADDYYTSQK	AGAP004993-PA	-	77	2.35E-07	1	1304.600	-0.65	Midgut	2L:+:7602889-7602921	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_57097	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	148	1.87E-14	2	1895.846	-0.5	Pupa	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_57352	DQAIEAQAK	AGAP004993-PA	-	41	0.001168258	2	973.498	2.98	Midgut	2L:+:7604173-7604199	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_57374	YPDCTYCNCDVR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	75	1.82E-08	2	1622.606	1.84	Visceras	2L:+:7598025-7598040,7598105-7598124	exon=> In CDS Exon 8 and 9 of transcript AGAP004993-PA
JHU_Ag_57746	ILFTNGLFGSSLIGADVILEGK	AGAP004993-PA	-	57	8.52E-06	2	2264.251	-1.22	Midgut	2L:+:7601458-7601523	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_57932	VGNELTVSMDIRPR	AGAP004993-PA	M9(Oxidation)	67	2.83E-06	1	1602.834	4.32	Larva	2L:+:7607196-7607237	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_57952	LDVDPVLQDIK	AGAP004993-PA	-	63	3.46E-06	2	1254.695	0.65	Salivary gland	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_58143	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	137	2.28E-13	1	1895.850	1.76	Malpighian tubule	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_58170	IFFLDPNNRKPILVR	AGAP004993-PA	-	59	1.47E-06	1	1842.080	2.94	Malpighian tubule	2L:+:7599835-7599879	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_58818	TYNDGEWHALTAAHDHDR	AGAP004993-PA	-	126	1.59E-12	1	2108.916	-0.23	Midgut	2L:+:7605856-7605909	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_58968	KPILVR	AGAP004993-PA	-	30	0.001312748	2	725.506	3.98	Ovary	2L:+:7599862-7599879	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_58979	GINCNQCEDKFYRPYGR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	84	3.94E-08	1	2176.971	2.8	Larva	2L:+:7597409-7597459	exon=> In CDS Exon 6 of transcript AGAP004993-PA
JHU_Ag_59073	FFQPDHPAYNVHYR	AGAP004993-PA	-	53	6.26E-05	1	1790.839	-0.51	Male reproductive organs	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_59265	HNFDGPHCK	AGAP004993-PA	C8(Carbamidomethyl)	33	0.002275 61	2	1111.477	2.62	Larva	2L:+:7597760-7597786	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_59308	HTDFIALHLR	AGAP004993-PA	-	81	6.17E-08	1	1222.674	3.97	Ovary	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_59399	TCSYPLTTHYYPTLYQYQFEYEDGYTQS GAQVR	AGAP004993-PA	C2(Carbamidomethyl)	61	5.54E-06	1	4029.791	0.02	Midgut	2L:+:7598926-7599024	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_60560	ACNLCAPGFYGDAINLK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	72	7.68E-07	1	1883.884	3.32	Malpighian tubule	2L:+:7602319-7602369	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_61212	GTLDEVCDK	AGAP004993-PA	C7(Carbamidomethyl)	52	7.37E-05	1	1036.466	3.88	Larva	2L:+:7598125-7598151	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_61615	GKLVVDSEDESQGESSGTTR	AGAP004993-PA	-	108	2.12E-10	2	2080.966	1.37	Visceras	2L:+:7606798-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_61705	FSGNGYVAIDSKPYTFK	AGAP004993-PA	N4(Deamidated)	79	1.72E-07	1	1894.927	2.36	Ovary	2L:+:7605112-7605162	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_61824	FDTVSAHAK	AGAP004993-PA	-	48	0.000231 079	1	975.493	3.66	Ovary	2L:+:7603522-7603548	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_62450	AQSGLLMSVHGR	AGAP004993-PA	M7(Oxidation)	76	3.74E-07	1	1271.656	2.95	Larva	2L:+:7607238-7607273	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_62517	TIADDYYTSQK	AGAP004993-PA	-	75	4.17E-07	2	1304.603	1.78	Larva	2L:+:7602889-7602921	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_62596	TGFYGFPDCKPCNCPSTAQCHK	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	71	2.47E-07	1	2632.096	4.83	Ovary	2L:+:7600699-7600764	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_62730	LILLNENLQDVTIK	AGAP004993-PA	-	89	2.32E-09	1	1625.954	4.05	Visceras	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_62945	YQFHEDIFPGFSSR	AGAP004993-PA	-	67	2.68E-06	1	1729.813	9.09	Larva	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_63027	QLEVMHQSYR	AGAP004993-PA	-	42	0.001107 339	1	1290.625	-1	Midgut	2L:+:7601524-7601553	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_63094	DGLLFYAGK	AGAP004993-PA	-	48	0.000141 742	2	983.522	1.99	Visceras	2L:+:7605211-7605237	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_63152	ELYYPVEVPHAGR	AGAP004993-PA	-	67	2.85E-06	1	1529.777	1.33	Head	2L:+:7599628-7599666	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_63427	NVQGRECNTCVDGTYNLQASNPDGC TK	AGAP004993-PA	C7(Carbamidomethyl), C10(Carbamidomethyl), C25(Carbamidomethyl)	31	0.005010 428	1	3058.314	2.96	Malpighian tubule	2L:+:7601083-7601163	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_63694	KPILVR	AGAP004993-PA	-	32	0.000803 862	1	725.503	0.2	Midgut	2L:+:7599862-7599879	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_63726	VRDTVEQITPK	AGAP004993-PA	-	48	0.000134 626	2	1285.715	3.33	Larva	2L:+:7607666-7607698	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_64353	VNDVSSNPAIGDAR	AGAP004993-PA	-	99	2.01E-09	2	1414.695	2.34	Ovary	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_64486	VQYPNRYVLIVK	AGAP004993-PA	-	48	3.73E-05	1	1491.874	3.66	Malpighian tubule	2L:+:7600159-7600194	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_64794	ACNLCAPGFYGDAINLK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	83	5.98E-08	1	1883.881	1.57	Pupa	2L:+:7602319-7602369	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_65151	FFQPDHPAYNVHYR	AGAP004993-PA	-	37	0.002734 702	1	1790.843	1.81	Visceras	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_65157	VDLSINLK	AGAP004993-PA	-	40	0.000816 879	1	901.540	4.85	Ovary	2L:+:7605571-7605594	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_65335	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	75	2.47E-07	1	1958.053	2.48	Pupa	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_65477	VNDVSSNPAIGDAR	AGAP004993-PA	-	112	8.05E-11	1	1414.693	0.7	Head	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_65575	YPDCTYCNCDVR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	45	1.58E-05	1	1622.605	1.09	Pupa	2L:+:7598025-7598040,7598105-7598124	exon=> In CDS Exon 8 and 9 of transcript AGAP004993-PA
JHU_Ag_65795	EQVLPGAYNVFNVDQNSK	AGAP004993-PA	-	52	0.000117992	2	2021.990	-1.17	Male reproductive organs	2L:+:7604860-7604913	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_65954	GCTPCDCGIASNSSQCDDHTGK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C7(Carbamidomethyl), C16(Carbamidomethyl)	21	0.002858038	1	2426.913	2.52	Visceras	2L:+:7602511-7602576	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_66747	QQSQLQFQFK	AGAP004993-PA	-	68	2.50E-06	1	1281.659	-0.03	Visceras	2L:+:7605163-7605192	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_66788	LILLNENLQDVTIK	AGAP004993-PA	-	80	1.95E-08	1	1625.954	3.9	Salivary gland	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_66811	ILACQCQHNTCGVQCAECCPGFQQK	AGAP004993-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)	101	2.01E-10	1	3054.265	2.76	Malpighian tubule	2L:+:7597094-7597168	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_67194	YQFHEDIFPGFSSR	AGAP004993-PA	-	60	1.59E-05	1	1729.800	1.75	Pupa	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_67289	CSCLENFGGR	AGAP004993-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	36	0.000801392	2	1199.496	2.2	Ovary	2L:+:7598299-7598328	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_67316	HTDFIALHLR	AGAP004993-PA	-	64	2.96E-06	1	1222.672	2.25	Salivary gland	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_67369	LMHDIGEFDVK	AGAP004993-PA	M2(Oxidation)	78	2.49E-07	1	1319.632	1.45	Head	2L:+:7603393-7603425	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_67370	SPSTDTTRPLFLGGHPHLQR	AGAP004993-PA	-	68	1.91E-06	1	2217.155	0.95	Visceras	2L:+:7607484-7607543	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_67405	GTLDEVCDKNSGTCLCR	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	115	1.81E-11	1	1984.851	-0.61	Visceras	2L:+:7598125-7598175	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_67957	QKVESLEMEVK	AGAP004993-PA	M8(Oxidation)	58	3.06E-05	2	1335.688	3.95	Ovary	2L:+:7603009-7603041	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_68035	MFTTLQTELEPQSK	AGAP004993-PA	M1(Oxidation)	63	8.70E-06	2	1668.821	3.59	Ovary	2L:+:7604002-7604043	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_68852	DCGCDIGGAADNVCNK	AGAP004993-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), C14(Carbamidomethyl)	134	4.82E-14	1	1725.672	5.25	Larva	2L:+:7598836-7598883	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_68989	IVPLEGGEIPIR	AGAP004993-PA	-	57	5.92E-06	1	1292.758	0.59	Ovary	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_69115	ALDVRPGCPMK	AGAP004993-PA	C8(Carbamidomethyl)	38	0.002039571	1	1243.630	1.12	Visceras	2L:+:7605595-7605627	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_69284	YPDCTYCNCDVR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	58	8.86E-07	1	1622.604	0.41	Ovary	2L:+:7598025-7598040,7598105-7598124	exon=> In CDS Exon 8 and 9 of transcript AGAP004993-PA
JHU_Ag_69724	SGQCACKPSVTGR	AGAP004993-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	83	6.75E-08	1	1407.647	-0.02	Midgut	2L:+:7598734-7598772	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_69834	FAGCGSVPAGELCQCKER	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	88	1.28E-08	1	2025.900	2.91	Malpighian tubule	2L:+:7598548-7598601	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_70785	LILLNENLQDVTIK	AGAP004993-PA	-	96	5.32E-10	1	1625.952	3	Head	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_70833	GFDGCIDDVYILGNK	AGAP004993-PA	C5(Carbamidomethyl)	92	9.61E-09	2	1685.789	2.8	Head	2L:+:7605526-7605570	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_71248	LEDLYTWSLK	AGAP004993-PA	-	53	5.87E-05	2	1267.660	2.11	Visceras	2L:+:7603426-7603455	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_71274	WVLIPDTGCQECDVCHHALLDVTDGLK	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C15(Carbamidomethyl)	33	0.006447 95	1	3151.482	5.59	Ovary	2L:+:7602775-7602855	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_71381	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	128	2.22E-12	2	1895.856	4.72	Midgut	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_71535	TCSYPLTTHYYPTLYQYQFEYEDGYTQSGAQVR	AGAP004993-PA	C2(Carbamidomethyl)	34	0.003434 107	3	4029.804	3.2	Larva	2L:+:7598926-7599024	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_71750	EGFYNFPACEECNCDPAGVIPR	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	98	6.60E-10	2	2602.087	2.89	Head	2L:+:7598482-7598547	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_71856	DGLLFYAGK	AGAP004993-PA	-	44	0.000406 482	2	983.520	0.19	Male reproductive organs	2L:+:7605211-7605237	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_71868	EQDLPTLVETQR	AGAP004993-PA	-	70	1.29E-06	2	1428.733	-0.26	Midgut	2L:+:7599592-7599627	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_72210	DLAIEASSLSDKYSDVSANSETALQAATAHSK	AGAP004993-PA	-	153	6.02E-15	1	3280.580	-0.46	Head	2L:+:7603759-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_72295	YVLIVK	AGAP004993-PA	-	27	0.000478 564	1	734.483	2.1	Malpighian tubule	2L:+:7600177-7600194	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_72732	HYQYPSVAPYNPQTEAFIIEDGQSYKPVEFFK	AGAP004993-PA	Q13(Deamidated),Q23(Deamidated)	137	1.95E-13	1	3792.842	5.28	Ovary	2L:+:7599469-7599564	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_72976	EQVLPGAYNVFNVDQNSK	AGAP004993-PA	N16(Deamidated),Q15(Deamidated)	106	4.24E-10	1	2021.990	-1.23	Midgut	2L:+:7604860-7604913	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73099	EQDLPTLVETQR	AGAP004993-PA	-	51	0.000100 203	2	1428.735	1.28	Head	2L:+:7599592-7599627	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73413	IELTILNGGSTR	AGAP004993-PA	-	41	0.000854 617	2	1273.713	1.83	Head	2L:+:7600360-7600395	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73682	TYNDGEWHALTAAHDHDR	AGAP004993-PA	-	33	0.003558 802	1	2108.913	-2.01	Visceras	2L:+:7605856-7605909	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73723	CEEDHYGFESGR	AGAP004993-PA	C1(Carbamidomethyl)	29	0.001200 169	2	1485.576	3.79	Larva	2L:+:7602475-7602510	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73774	LKTMIPNIR	AGAP004993-PA	M4(Oxidation)	39	0.000828 129	1	1101.644	-0.89	Visceras	2L:+:7604335-7604361	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73785	QPSSNQLFSGSVEMVESNFQTADGGPVSR	AGAP004993-PA	M14(Oxidation)	68	1.95E-06	3	3071.402	0.36	Midgut	2L:+:7601554-7601640	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73859	IFFLDPNNR	AGAP004993-PA	-	45	0.000500 869	2	1135.591	1.08	Visceras	2L:+:7599835-7599861	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_73919	LEDLYTWSLK	AGAP004993-PA	-	49	0.000157 366	2	1267.661	2.97	Head	2L:+:7603426-7603455	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_74434	ESLRNEENPSTGFR	AGAP004993-PA	-	70	1.69E-06	1	1635.770	-1.16	Midgut	2L:+:7605070-7605111	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_74455	SQYVITIK	AGAP004993-PA	-	35	0.001374 715	2	951.554	2.79	Ovary	2L:+:7607418-7607441	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_74482	SVDESSATAIK	AGAP004993-PA	-	56	3.44E-05	1	1107.555	1.58	Head	2L:+:7599880-7599912	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_74737	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	81	9.86E-08	1	2049.066	0.24	Visceras	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_75005	YVVVIDYITYR	AGAP004993-PA	-	53	6.02E-05	2	1403.764	5	Malpighian tubule	2L:+:7599667-7599699	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_75073	TYNDGEWHALTAAHDHDR	AGAP004993-PA	-	40	0.000815243	1	2108.920	1.42	Malpighian tubule	2L:+:7605856-7605909	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_75317	EGFYNFPACEECNCDPAGVIPR	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	91	3.27E-09	2	2602.085	1.86	Visceras	2L:+:7598482-7598547	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_75416	ILDPMISDLSK	AGAP004993-PA	M5(Oxidation)	59	2.17E-05	2	1247.657	1.14	Visceras	2L:+:7604218-7604250	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_75651	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	57	1.39E-05	1	1958.054	3.1	Salivary gland	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_75981	ACNLCAPGFYGDAINLK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	116	2.86E-11	1	1883.876	-0.96	Midgut	2L:+:7602319-7602369	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_76321	SAVLDQCSR	AGAP004993-PA	C7(Carbamidomethyl)	44	0.000603499	2	1035.489	0	Midgut	2L:+:7606126-7606152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_76421	GLGCNALTGQCECLSGVVGEK	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	101	1.03E-09	1	2209.003	-0.9	Head	2L:+:7602691-7602753	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_76522	YPDCTYCNCDVR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	64	2.41E-07	2	1622.611	4.62	Larva	2L:+:7598025-7598040,7598105-7598124	exon=> In CDS Exon 8 and 9 of transcript AGAP004993-PA
JHU_Ag_76730	CEEDHYGFESGR	AGAP004993-PA	C1(Carbamidomethyl)	51	5.82E-06	2	1485.570	-0.24	Midgut	2L:+:7602475-7602510	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_76943	IFFLDPNNR	AGAP004993-PA	-	39	0.001852381	2	1135.592	1.94	Malpighian tubule	2L:+:7599835-7599861	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_77018	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	58	1.19E-05	1	1958.058	4.97	Larva	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_77470	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	58	1.41E-05	1	1958.049	0.3	Visceras	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_77703	IETERQNYVGR	AGAP004993-PA	-	42	0.000861812	1	1364.696	3.09	Malpighian tubule	2L:+:7600237-7600269	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_77855	IEQLQIGGEHVGLWNFIDAQNVYGSPER	AGAP004993-PA	-	126	3.37E-12	1	3169.574	1.28	Head	2L:+:7604986-7605069	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_78068	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	103	3.38E-10	2	1837.791	3.67	Head	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_78070	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	110	1.65E-10	1	1922.977	6.16	Midgut	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_78155	LDVDPVLQDIK	AGAP004993-PA	-	94	2.35E-09	2	1254.696	1.62	Midgut	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_78268	SPSTDTTRPLFLGGHPHLQR	AGAP004993-PA	-	108	1.98E-10	1	2217.150	-0.98	Pupa	2L:+:7607484-7607543	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_78923	FSPLVSFPPR	AGAP004993-PA	-	31	0.009592019	1	1146.630	-0.32	Midgut	2L:+:7605628-7605657	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_79112	HYQYPSVAPYNPQTEAFIIEDGQSYKPVEFFK	AGAP004993-PA	-	81	9.13E-08	1	3792.818	-1.07	Midgut	2L:+:7599469-7599564	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_79377	IVPLEGGEIPIR	AGAP004993-PA	-	70	2.77E-07	1	1292.756	-0.83	Midgut	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_79824	SHPPEYAIDGTQNWWQSPPLSR	AGAP004993-PA	-	45	0.000469763	1	2566.217	2.49	Head	2L:+:7594727-7594792	exon=> In CDS Exon 2 of transcript AGAP004993-PA
JHU_Ag_80163	YKNPNPDNVVASILITPDNPTEVEQK	AGAP004993-PA	-	79	1.41E-07	1	2895.484	3.7	Malpighian tubule	2L:+:7599154-7599231	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_80460	YVLIVK	AGAP004993-PA	-	19	0.002850624	2	734.481	0.1	Pupa	2L:+:7600177-7600194	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_81013	ATDQTEGIDNR	AGAP004993-PA	-	64	3.83E-06	1	1219.558	2.29	Malpighian tubule	2L:+:7603918-7603950	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_81141	DLAIEASSLSDKYSDVSANSETALQAATAHSK	AGAP004993-PA	-	117	2.64E-11	1	3280.581	-0.15	Ovary	2L:+:7603759-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_81220	GLSLDIHGNYEGGGVCQNCQHNTK	AGAP004993-PA	C16(Carbamidomethyl), C19(Carbamidomethyl)	58	1.47E-05	1	2658.173	-2.12	Midgut	2L:+:7597337-7597408	exon=> In CDS Exon 6 of transcript AGAP004993-PA
JHU_Ag_81478	IVASATCGVGTDGPELYCK	AGAP004993-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	133	7.31E-13	1	1997.931	-0.09	Head	2L:+:7594503-7594559	exon=> In CDS Exon 1 of transcript AGAP004993-PA
JHU_Ag_81587	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	58	2.58E-05	1	1922.964	-0.17	Male reproductive organs	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_82108	FSGNGYVAIDSKPYTFK	AGAP004993-PA	N4(Deamidated)	83	7.17E-08	1	1893.938	-0.22	Midgut	2L:+:7605112-7605162	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_82362	TDKPEGFVLYLGNEVKPDAK	AGAP004993-PA	-	89	1.17E-08	1	2220.159	1.78	Ovary	2L:+:7604587-7604646	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_82402	AEFEPPLCDACSYGHFGYPNCR	AGAP004993-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	94	1.52E-09	1	2647.083	1.16	Midgut	2L:+:7597622-7597687	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_82825	GEVPSPVVLDPGSYTISIK	AGAP004993-PA	-	36	0.002428964	1	1958.048	-0.08	Male reproductive organs	2L:+:7599292-7599348	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_82879	QNQVDSIVSDIGDRLEALK	AGAP004993-PA	-	80	1.04E-07	1	2100.113	9.56	Midgut	2L:+:7604389-7604445	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_83041	VGNELTVSMDIRPR	AGAP004993-PA	M9(Oxidation)	57	2.56E-05	1	1602.827	0.32	Salivary gland	2L:+:7607196-7607237	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_83080	SLDPHGVNLNPSR	AGAP004993-PA	-	72	1.15E-06	1	1405.718	0.09	Visceras	2L:+:7602970-7603008	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_83755	RYDDNEWHTVHFTR	AGAP004993-PA	-	54	4.74E-05	1	1875.849	-1.55	Pupa	2L:+:7606744-7606785	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_83895	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	121	1.04E-11	1	1823.850	3.05	Malpighian tubule	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_84358	GLGCNALTGQCECLSGVVGEK	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	98	1.89E-09	1	2209.005	0.32	Visceras	2L:+:7602691-7602753	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_84828	SCEDCAPGYYR	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	51	4.46E-06	2	1377.519	-0.55	Larva	2L:+:7601830-7601862	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_85384	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	131	1.19E-12	1	1823.855	5.52	Larva	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_85399	QCTACLAGYYQYPECLPCNCDSYGSLAK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C20(Carbamidomethyl)	41	0.000218334	1	3349.375	0.58	Visceras	2L:+:7598329-7598412	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_85835	IFFLDPNNRKPILVR	AGAP004993-PA	-	59	2.05E-06	1	1842.075	-0.14	Midgut	2L:+:7599835-7599879	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_85991	KIETPCEFNDPNLCR	AGAP004993-PA	C6(Carbamidomethyl), C14(Carbamidomethyl)	76	2.87E-07	1	1892.868	2.54	Malpighian tubule	2L:+:7599424-7599468	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_86118	LDVDPVLQDIK	AGAP004993-PA	-	60	6.90E-06	2	1254.692	-1.59	Male reproductive organs	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_86336	TIADDYYTSQK	AGAP004993-PA	-	64	5.26E-06	1	1304.601	0.09	Malpighian tubule	2L:+:7602889-7602921	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_86348	EGFYNFPACEECNCDPAGVIPR	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	65	1.42E-06	2	2602.094	5.52	Midgut	2L:+:7598482-7598547	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_86550	TDKPEGFVLYLGNEVKPDAK	AGAP004993-PA	-	131	7.45E-13	1	2220.158	1.36	Head	2L:+:7604587-7604646	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_86753	FAGCGSVPAGELCQCK	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	117	1.01E-11	1	1740.752	0.83	Visceras	2L:+:7598548-7598595	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_86842	VPFQGCIR	AGAP004993-PA	C6(Carbamidomethyl)	42	0.000938345	1	976.509	6.19	Malpighian tubule	2L:+:7607633-7607656	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_87363	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	106	2.89E-10	1	2049.064	-0.48	Midgut	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_87500	GINCNQCEDKFYRPYGR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	55	3.04E-05	1	2176.962	-1.57	Head	2L:+:7597409-7597459	exon=> In CDS Exon 6 of transcript AGAP004993-PA
JHU_Ag_87798	FSGNGYVAIDSKPYTFK	AGAP004993-PA	N4(Deamidated)	75	4.47E-07	1	1894.923	0.49	Visceras	2L:+:7605112-7605162	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_87832	YQFHEDIFPGFSSR	AGAP004993-PA	-	72	9.77E-07	1	1729.800	2.03	Ovary	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_87908	FSPLVSFPPR	AGAP004993-PA	-	43	0.000643182	2	1146.632	1.07	Ovary	2L:+:7605628-7605657	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_87987	FDTVSAHAK	AGAP004993-PA	-	53	8.56E-05	2	975.489	-0.03	Midgut	2L:+:7603522-7603548	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_88048	SPSTDTTRPLFLGGHPHLQR	AGAP004993-PA	-	142	6.42E-14	1	2217.159	2.95	Malpighian tubule	2L:+:7607484-7607543	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_88064	HTDFIALHLR	AGAP004993-PA	-	72	4.75E-07	1	1222.670	0.3	Midgut	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_88761	AEFEPPLCDACSYGHFGYPNCR	AGAP004993-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	51	2.81E-05	1	2647.083	1.09	Head	2L:+:7597622-7597687	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_89398	IVPLEGGEIPIR	AGAP004993-PA	-	46	6.99E-05	2	1292.759	1.25	Visceras	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_89848	ELYYPVEVPHAGR	AGAP004993-PA	-	62	9.38E-06	1	1529.775	0.37	Midgut	2L:+:7599628-7599666	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_89893	SLDPHGVNLNPSR	AGAP004993-PA	-	42	0.001038321	1	1405.721	1.74	Head	2L:+:7602970-7603008	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_90266	YPDCTYCNCDVR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	49	6.78E-06	1	1622.605	1.09	Head	2L:+:7598025-7598040,7598105-7598124	exon=> In CDS Exon 8 and 9 of transcript AGAP004993-PA
JHU_Ag_90718	DGLLFYAGK	AGAP004993-PA	-	73	4.18E-07	2	983.520	0.31	Midgut	2L:+:7605211-7605237	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_90723	HYLDNIK	AGAP004993-PA	-	37	0.003871267	1	902.469	-4.91	Head	2L:+:7603255-7603275	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_91067	ACNLCAPGFYGDAINLK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	84	4.87E-08	1	1883.882	2.02	Visceras	2L:+:7602319-7602369	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_91543	TIPCSTQIETGTFFGNGGGFVK	AGAP004993-PA	C4(Carbamidomethyl)	58	2.50E-05	2	2318.116	1.72	Malpighian tubule	2L:+:7607112-7607177	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_92003	DFEHLHELKEQDLPTLVETQR	AGAP004993-PA	-	85	4.88E-08	1	2577.293	-0.52	Midgut	2L:+:7599565-7599627	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_92045	YSDVSANSETALQAATAHSK	AGAP004993-PA	-	45	0.000524843	1	2050.969	0.78	Male reproductive organs	2L:+:7603795-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_92052	FAGCGSVPAGELCQCK	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	32	0.003675157	2	1740.752	1.25	Pupa	2L:+:7598548-7598595	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_92106	GYAVMSSLQNEVINEVR	AGAP004993-PA	M5(Oxidation)	115	5.66E-11	1	1924.938	-2.65	Larva	2L:+:7599067-7599117	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_92495	SCEDCAPGYYR	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	42	3.44E-05	2	1377.521	0.51	Male reproductive organs	2L:+:7601830-7601862	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_92692	GFDGCIDDVYILGNK	AGAP004993-PA	C5(Carbamidomethyl)	68	2.49E-06	2	1685.794	5.84	Visceras	2L:+:7605526-7605570	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_92734	TGFYGFPDCKPCNCPSTAQCHK	AGAP004993-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	70	2.67E-07	1	2632.087	1.19	Visceras	2L:+:7600699-7600764	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_92886	DGVLVLSSTGMELTTGDR	AGAP004993-PA	M11(Oxidation)	86	3.59E-08	2	1866.913	0.84	Male reproductive organs	2L:+:7605802-7605855	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_93217	NEENPSTGFR	AGAP004993-PA	-	37	0.001801504	2	1150.517	3.7	Ovary	2L:+:7605082-7605111	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_93321	SPSTDTTRPLFLGGHPHLQR	AGAP004993-PA	-	100	1.10E-09	1	2217.159	2.79	Ovary	2L:+:7607484-7607543	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_93521	FSPLVSFPPR	AGAP004993-PA	-	37	0.002417318	2	1146.632	1.17	Visceras	2L:+:7605628-7605657	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_93527	ECNTCVDGTYNLQASNPDGCTK	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C20(Carbamidomethyl)	107	3.56E-11	1	2504.011	-0.53	Visceras	2L:+:7601098-7601163	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_93628	ESLRNEENPSTGFR	AGAP004993-PA	-	102	9.82E-10	1	1635.773	0.7	Visceras	2L:+:7605070-7605111	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_93687	VPFQGCIR	AGAP004993-PA	C6(Carbamidomethyl)	37	0.003517001	1	976.504	0.5	Pupa	2L:+:7607633-7607656	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_93961	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	108	1.08E-10	2	1837.784	-0.38	Midgut	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_93999	DLAIEASSLSDK	AGAP004993-PA	-	68	3.31E-06	2	1248.632	0.12	Head	2L:+:7603759-7603794	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_94002	TIPCSTQIETGTFFGNGGGFVK	AGAP004993-PA	C4(Carbamidomethyl)	53	7.03E-05	2	2318.120	3.2	Visceras	2L:+:7607112-7607177	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_94185	SHPPEYAIDGTQNWWQSPPLSR	AGAP004993-PA	-	59	1.72E-05	1	2566.208	-1.01	Malpighian tubule	2L:+:7594727-7594792	exon=> In CDS Exon 2 of transcript AGAP004993-PA
JHU_Ag_94188	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	117	3.08E-11	1	1823.852	4.05	Pupa	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_94311	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	84	4.82E-08	1	2049.069	1.84	Pupa	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_94456	QFGYVSQPGVASVNSLQVNLK	AGAP004993-PA	-	45	0.00022088	1	2235.179	1.05	Malpighian tubule	2L:+:7605658-7605720	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_94860	ELYYPVEVPHAGR	AGAP004993-PA	-	50	0.000178287	1	1529.777	1.25	Male reproductive organs	2L:+:7599628-7599666	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_95009	AEFEPPLCDACSYGHFGYPNCR	AGAP004993-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	48	5.93E-05	2	2647.089	3.56	Ovary	2L:+:7597622-7597687	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_95016	IVPLEGGEIPIR	AGAP004993-PA	-	85	7.26E-09	1	1292.763	4.37	Larva	2L:+:7596628-7596651,7596731-7596742	exon=> In CDS Exon 3 and 4 of transcript AGAP004993-PA
JHU_Ag_95174	LPVTPDQDVDFDSGYR	AGAP004993-PA	-	117	2.75E-11	1	1823.846	0.97	Visceras	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_95203	GYAVMSSLQNEVINEVR	AGAP004993-PA	-	91	1.28E-08	2	1908.952	1.63	Head	2L:+:7599067-7599117	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_95467	SVDESSATAIK	AGAP004993-PA	-	81	1.11E-07	1	1107.556	2.9	Malpighian tubule	2L:+:7599880-7599912	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_95821	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	98	1.83E-09	1	1677.760	1.12	Larva	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_96733	ILACQCQHNTCGVQCAECCPGFQQK	AGAP004993-PA	C6(Carbamidomethyl), Q7(Deamidated), C11(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl),"C 4(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), Q14(Deamidated), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)"," C4(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)"," C4(Carbamidomethyl), Q5(Deamidated), C6(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)"," C4(Carbamidomethyl),	93	1.79E-09	1	3054.300	14.15	Ovary	2L:+:7597094-7597168	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_96976	ELYYPVEVPHAGR	AGAP004993-PA	-	51	0.000121203	1	1529.777	1.57	Visceras	2L:+:7599628-7599666	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_97217	DQAIEAQAK	AGAP004993-PA	-	39	0.001808495	2	973.499	4.17	Malpighian tubule	2L:+:7604173-7604199	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_97617	SVYMAEQLPK	AGAP004993-PA	M4(Oxidation)	50	0.000132237	2	1181.586	-0.56	Ovary	2L:+:7604251-7604280	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_97690	LDVDPVLQDIK	AGAP004993-PA	-	80	5.57E-08	2	1254.698	2.79	Malpighian tubule	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_98017	GLGCNALTGQCECLSGVVGEK	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	136	3.17E-13	1	2209.015	4.52	Ovary	2L:+:7602691-7602753	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_98225	LPVTPDQDVDFDSGYR	AGAP004993-PA	Q7(Deamidated)	76	3.02E-07	2	1823.846	0.84	Male reproductive organs	2L:+:7606471-7606518	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_98655	LVVDSEDESQGESSGTTR	AGAP004993-PA	-	155	4.12E-15	1	1895.854	4.07	Ovary	2L:+:7606804-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_98847	YVLIVK	AGAP004993-PA	-	41	1.99E-05	1	734.481	-0.38	Midgut	2L:+:7600177-7600194	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_99106	SVTAIPYEDWSTDYIRPSSVCVMQDGK	AGAP004993-PA	C21(Carbamidomethyl), M23(Oxidation)	42	0.000752644	1	3120.431	0.52	Midgut	2L:+:7599913-7599993	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_99266	GTLDEVCDKNSGTCLCR	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	69	6.53E-07	1	1984.850	-0.99	Midgut	2L:+:7598125-7598175	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_99270	GINCNQCEDKFYRPYGR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	56	2.35E-05	1	2176.968	1.37	Midgut	2L:+:7597409-7597459	exon=> In CDS Exon 6 of transcript AGAP004993-PA
JHU_Ag_99293	DLAIEASSLSDKYSDVSANSETALQAATAHSK	AGAP004993-PA	-	160	1.10E-15	1	3280.594	3.89	Malpighian tubule	2L:+:7603759-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_99490	HYQYPSVAPYNPQTEAFIIEDGQSYKPVEFFK	AGAP004993-PA	-	91	7.37E-09	1	3792.839	4.51	Malpighian tubule	2L:+:7599469-7599564	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_99521	LDVDPVLQDIK	AGAP004993-PA	-	91	4.46E-09	1	1254.697	2.2	Head	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_99790	YPDCTYCNCDVR	AGAP004993-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	47	1.33E-05	2	1622.606	1.46	Male reproductive organs	2L:+:7598025-7598040,7598105-7598124	exon=> In CDS Exon 8 and 9 of transcript AGAP004993-PA
JHU_Ag_99903	ELFAAGDVPLYYPNDGKDPEVFVQSR	AGAP004993-PA	-	61	9.35E-06	1	2926.441	5.17	Larva	2L:+:7606153-7606230	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_99946	NLLGHLMSVAR	AGAP004993-PA	M7(Oxidation)	62	5.25E-06	1	1226.673	4.83	Larva	2L:+:7596845-7596877	exon=> In CDS Exon 4 of transcript AGAP004993-PA
JHU_Ag_100194	DLAIEASSLSDKYSDVSANSETALQAATAHSK	AGAP004993-PA	-	128	1.74E-12	1	3280.581	-0.22	Midgut	2L:+:7603759-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_100411	KIETPCEFNDPNLCR	AGAP004993-PA	C6(Carbamidomethyl), C14(Carbamidomethyl)	80	1.03E-07	2	1892.862	-0.81	Midgut	2L:+:7599424-7599468	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_100450	ASYWENGLATVISDVSLTMAHDDLDQPHLYR	AGAP004993-PA	M19(Oxidation)	121	7.58E-12	1	3533.671	1.84	Midgut	2L:+:7601689-7601781	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_101117	DLKNIYIR	AGAP004993-PA	-	48	9.76E-05	1	1034.603	3.37	Malpighian tubule	2L:+:7601665-7601688	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_101176	TIPCSTQIETGTFFGNGGGFVK	AGAP004993-PA	C4(Carbamidomethyl)	52	9.86E-05	2	2318.113	0.35	Ovary	2L:+:7607112-7607177	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_101457	KIEFETENEYLVAEEMPR	AGAP004993-PA	M16(Oxidation)	56	3.62E-05	1	2243.063	4.3	Malpighian tubule	2L:+:7600033-7600086	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_101593	AQSGLLMSVHGR	AGAP004993-PA	-	91	7.53E-09	1	1255.658	0.3	Visceras	2L:+:7607238-7607273	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_101775	EATENIENSK	AGAP004993-PA	-	43	0.000710873	2	1134.531	3.57	Ovary	2L:+:7603549-7603578	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_101943	YFDDMVDELEPK	AGAP004993-PA	-	67	1.30E-06	2	1500.663	4.19	Visceras	2L:+:7602928-7602963	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102015	SVDESSATAIK	AGAP004993-PA	-	67	3.42E-06	1	1107.556	2.46	Pupa	2L:+:7599880-7599912	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102214	FAGCGSVPAGELCQCK	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	55	1.75E-05	1	1740.752	1.25	Head	2L:+:7598548-7598595	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102328	LILLNENLQDVTIK	AGAP004993-PA	-	86	4.34E-09	1	1625.954	4.27	Larva	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102341	KIETPCEFNDPNLCR	AGAP004993-PA	C6(Carbamidomethyl), C14(Carbamidomethyl)	60	1.02E-05	1	1892.866	1.73	Head	2L:+:7599424-7599468	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102351	SLDPHGVNLNPSR	AGAP004993-PA	-	51	0.000117631	1	1405.721	1.83	Malpighian tubule	2L:+:7602970-7603008	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102383	YSDVSANSETALQAATAHSK	AGAP004993-PA	-	46	0.000410137	1	2050.974	3.01	Malpighian tubule	2L:+:7603795-7603854	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102504	VRDTVEQITPK	AGAP004993-PA	-	55	3.02E-05	1	1285.715	3.23	Malpighian tubule	2L:+:7607666-7607698	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_102516	VRDTVEQITPK	AGAP004993-PA	-	56	2.46E-05	2	1285.715	2.95	Ovary	2L:+:7607666-7607698	exon=> In CDS Exon 11 of transcript AGAP004993-PA

JHU_Ag_102710	GFDGCIDDVYILGNK	AGAP004993-PA	C5(Carbamidomethyl)	103	7.87E-10	2	1685.784	-0.03	Midgut	2L:+:7605526-7605570	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102777	QFGYVSQPGVASVNSLQVNLKFR	AGAP004993-PA	-	55	1.96E-05	1	2538.353	2.59	Malpighian tubule	2L:+:7605658-7605726	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_102793	LDQAFTEAK	AGAP004993-PA	-	44	0.000534337	2	1022.516	0.25	Salivary gland	2L:+:7603228-7603254	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_103573	QATTQIER	AGAP004993-PA	-	43	0.001031056	2	946.497	2.08	Ovary	2L:+:7604311-7604334	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_103879	VEQFGEPVQTQHEK	AGAP004993-PA	-	98	2.19E-09	1	1655.802	-0.24	Midgut	2L:+:7603342-7603383	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_103975	HTDFIALHLR	AGAP004993-PA	-	68	1.30E-06	1	1222.668	-0.67	Visceras	2L:+:7606651-7606680	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_105180	SGQCACKPSVTGR	AGAP004993-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	76	3.50E-07	1	1407.653	4.74	Larva	2L:+:7598734-7598772	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_105191	GTTFEICDQTDESCFCKK	AGAP004993-PA	C7(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	36	0.000740225	1	2225.920	2.28	Visceras	2L:+:7601029-7601082	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_105589	ELLSEARR	AGAP004993-PA	-	41	0.001724571	2	973.534	-8.51	Head	2L:+:7603978-7604001	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_105659	ELAVENCDCPPGYTGR	AGAP004993-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	62	4.32E-06	2	1837.793	4.73	Salivary gland	2L:+:7601782-7601829	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_105914	VEQFGEPVQTQHEK	AGAP004993-PA	-	67	2.78E-06	1	1655.803	0.06	Male reproductive organs	2L:+:7603342-7603383	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_105926	DGVLVLSSTGMELTTGDR	AGAP004993-PA	M11(Oxidation)	104	6.24E-10	2	1866.912	0.45	Midgut	2L:+:7605802-7605855	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_106175	EQVLPGAYNVFNVDQNSK	AGAP004993-PA	-	122	1.09E-11	1	2021.997	2.33	Malpighian tubule	2L:+:7604860-7604913	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_106295	ELFAAGDVPLYYPNDGKDPEVFVQSR	AGAP004993-PA	-	109	1.80E-10	1	2926.434	2.79	Visceras	2L:+:7606153-7606230	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_106429	SLDPHGVNLNPSR	AGAP004993-PA	-	39	0.002210467	1	1405.718	-0.45	Ovary	2L:+:7602970-7603008	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_106813	DGTFDLFGSNLFGCK	AGAP004993-PA	C14(Carbamidomethyl)	76	2.68E-07	2	1677.760	1.26	Head	2L:+:7598791-7598835	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_107053	VNDVSSNPAIGDAR	AGAP004993-PA	-	100	1.48E-09	1	1414.698	4.24	Larva	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_107480	VNDVSSNPAIGDAR	AGAP004993-PA	-	89	1.66E-08	1	1414.692	-0.16	Male reproductive organs	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_107876	ELFAAGDVPLYYPNDGKDPEVFVQSR	AGAP004993-PA	-	91	1.20E-08	1	2926.427	0.54	Head	2L:+:7606153-7606230	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_107898	YVVVIDYITYR	AGAP004993-PA	-	55	3.91E-05	2	1403.762	3.69	Salivary gland	2L:+:7599667-7599699	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_107899	VNDVSSNPAIGDAR	AGAP004993-PA	-	92	9.61E-09	1	1414.687	-3.53	Midgut	2L:+:7607442-7607483	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_107973	MFTTLQTELEPQSK	AGAP004993-PA	-	66	4.44E-06	2	1652.821	0.62	Malpighian tubule	2L:+:7604002-7604043	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_109011	DISIGGR	AGAP004993-PA	-	39	0.002553973	2	717.390	1.28	Midgut	2L:+:7597013-7597033	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_109224	FGTGQFSHIEFSEVPLK	AGAP004993-PA	-	130	1.59E-12	1	1922.974	4.95	Ovary	2L:+:7606519-7606569	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_109230	GLGCNALTGQCECLSGVVGEK	AGAP004993-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C13(Carbamidomethyl)	67	2.42E-06	1	2209.008	1.42	Midgut	2L:+:7602691-7602753	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_109262	DLAIEASSLSDK	AGAP004993-PA	-	96	4.21E-09	1	1248.633	1.3	Visceras	2L:+:7603759-7603794	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_109553	DISIGGR	AGAP004993-PA	-	42	0.001436205	2	717.391	3.07	Larva	2L:+:7597013-7597033	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_109616	DLAIEASSLSDK	AGAP004993-PA	-	56	4.08E-05	2	1248.637	4.03	Midgut	2L:+:7603759-7603794	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_109685	LDVDPVLQDIK	AGAP004993-PA	-	69	8.97E-07	1	1254.695	0.74	Pupa	2L:+:7602856-7602888	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_109913	VEQFGEPVQTQHEK	AGAP004993-PA	-	64	6.66E-06	1	1655.804	1.24	Visceras	2L:+:7603342-7603383	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_110204	VPFQGCIR	AGAP004993-PA	C6(Carbamidomethyl)	42	0.001028997	1	976.503	-0.38	Male reproductive organs	2L:+:7607633-7607656	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_110413	GKLVVDSEDESQGESSGTTR	AGAP004993-PA	-	85	4.14E-08	2	2080.970	3.48	Malpighian tubule	2L:+:7606798-7606857	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_110486	CSCLENFGGR	AGAP004993-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	61	2.21E-06	2	1199.493	-0.45	Midgut	2L:+:7598299-7598328	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_110667	IEQLQIGGEHVGLWNFIDAQNVYGSPER	AGAP004993-PA	-	191	9.74E-19	1	3169.572	0.47	Visceras	2L:+:7604986-7605069	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_110677	LILLNENLQDVTIK	AGAP004993-PA	-	110	2.01E-11	1	1625.948	0.15	Midgut	2L:+:7600111-7600152	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_110911	GYAVMSSLQNEVINEVR	AGAP004993-PA	M5(Oxidation)	57	3.39E-05	2	1924.940	-1.76	Male reproductive organs	2L:+:7599067-7599117	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_111548	YFDDMVDELEPK	AGAP004993-PA	M5(Oxidation)	41	0.000371843	2	1516.650	-0.79	Male reproductive organs	2L:+:7602928-7602963	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_111946	ATDQTEGIDNRAAESDAASR	AGAP004993-PA	-	86	3.13E-08	1	2077.945	3.5	Malpighian tubule	2L:+:7603918-7603977	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_112018	DGVLVLSSTGMELTTGDR	AGAP004993-PA	M11(Oxidation)	92	9.71E-09	2	1866.912	0.45	Ovary	2L:+:7605802-7605855	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_112053	VLFKPTENPEFVTVSDAR	AGAP004993-PA	-	63	5.56E-06	1	2049.066	0.32	Male reproductive organs	2L:+:7599238-7599291	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_112064	EQFMMLLR	AGAP004993-PA	M4(Oxidation), M5(Oxidation)	39	0.001094939	2	1099.532	4.31	Larva	2L:+:7601641-7601664	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_112178	YQFHEDIFPGFSSR	AGAP004993-PA	-	52	0.000104535	1	1729.802	2.67	Visceras	2L:+:7599025-7599066	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_112197	VPFQGCIR	AGAP004993-PA	C6(Carbamidomethyl)	42	0.001077743	1	976.505	2.19	Larva	2L:+:7607633-7607656	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_112874	AEFEPPLCDACSYGHFGYPNCR	AGAP004993-PA	C8(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	60	3.66E-06	1	2647.083	1.09	Visceras	2L:+:7597622-7597687	exon=> In CDS Exon 7 of transcript AGAP004993-PA
JHU_Ag_113215	FAGCGSVPAGELCQCK	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	74	2.37E-07	1	1740.759	4.9	Larva	2L:+:7598548-7598595	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_113413	LFIGGYPPEYNMPQDVK	AGAP004993-PA	M12(Oxidation)	46	0.000405019	2	1983.954	1	Visceras	2L:+:7604914-7604964	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_113503	EVFQQTGSADHQQLHISEALYFGGYHSR	AGAP004993-PA	-	138	2.13E-13	1	3205.519	3.11	Ovary	2L:+:7605415-7605498	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_113648	VPFQGCIR	AGAP004993-PA	C6(Carbamidomethyl)	43	0.000863802	2	976.503	-0.13	Visceras	2L:+:7607633-7607656	exon=> In CDS Exon 11 of transcript AGAP004993-PA
JHU_Ag_114327	ELYYPVEVPHAGR	AGAP004993-PA	-	56	3.91E-05	1	1529.777	1.49	Ovary	2L:+:7599628-7599666	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_114445	EQVLPGAYNVFNVDQNSK	AGAP004993-PA	-	91	1.51E-08	1	2021.995	1.12	Head	2L:+:7604860-7604913	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_114914	TIPCSTQIETGTFFGNGGGFVK	AGAP004993-PA	C4(Carbamidomethyl)	42	0.000957459	2	2318.125	5.62	Head	2L:+:7607112-7607177	exon=> In CDS Exon 10 of transcript AGAP004993-PA
JHU_Ag_116158	SCEDCAPGYYR	AGAP004993-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	54	1.78E-06	2	1377.522	1.22	Head	2L:+:7601830-7601862	exon=> In CDS Exon 9 of transcript AGAP004993-PA

JHU_Ag_116199	VDLSINLK	AGAP004993-PA	-	34	0.003503703	2	901.536	0.45	Midgut	2L:+:7605571-7605594	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_116377	NTIDEVMILGENLGSSEITK	AGAP004993-PA	M7(Oxidation)	135	4.69E-13	2	2179.088	3.77	Ovary	2L:+:7603168-7603227	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_116468	FFQPDHPAYNVHYR	AGAP004993-PA	-	72	8.50E-07	1	1790.842	1.14	Head	2L:+:7600195-7600236	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_116754	ILACQCQHNTCGVQCAECCPGFQQK	AGAP004993-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl), C15(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)	69	2.19E-07	1	3054.252	-1.56	Visceras	2L:+:7597094-7597168	exon=> In CDS Exon 5 of transcript AGAP004993-PA
JHU_Ag_116880	IEQLQIGGEHVGLWNFIDAQNVYGSPER	AGAP004993-PA	-	172	7.84E-17	1	3169.586	5.09	Ovary	2L:+:7604986-7605069	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_117482	SVDESSATAIK	AGAP004993-PA	-	61	1.30E-05	1	1107.557	3.9	Ovary	2L:+:7599880-7599912	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_117582	FAGCGSVPAGELCQCK	AGAP004993-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	68	8.27E-07	2	1740.749	-0.5	Midgut	2L:+:7598548-7598595	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_117793	TYNDGEWHALTAAHDHDR	AGAP004993-PA	-	48	9.70E-05	1	2108.911	-2.93	Ovary	2L:+:7605856-7605909	exon=> In CDS Exon 9 of transcript AGAP004993-PA
JHU_Ag_5691	QDGSTDFYR	AGAP004996-PA	-	53	1.65E-05	2	1088.466	1.94	Larva	2L:-:7734210-7734184	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_5988	DLTINQQGLVTK	AGAP004996-PA	N5(Deamidated),Q6(Deamidated),Q7(Deamidated)	93	5.31E-09	1	1329.743	3.98	Larva	2L:-:7734459-7734424	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_6609	TFLTESILDLEGR	AGAP004996-PA	-	114	5.41E-11	2	1493.793	5.75	Larva	2L:-:7734423-7734385	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_8845	NKYGAVYSELQDMK	AGAP004996-PA	M13(Oxidation)	53	7.31E-05	2	1661.786	1.01	Larva	2L:-:7734705-7734664	exon=> In CDS Exon 1 of transcript AGAP004996-PA
JHU_Ag_13538	YGAVYSELQDMKK	AGAP004996-PA	M11(Oxidation)	100	1.76E-09	1	1547.747	4.14	Larva	2L:-:7734699-7734661	exon=> In CDS Exon 1 of transcript AGAP004996-PA
JHU_Ag_20022	KVESNLLK	AGAP004996-PA	-	48	0.000113634	2	930.563	1.42	Larva	2L:-:7734747-7734724	exon=> In CDS Exon 1 of transcript AGAP004996-PA
JHU_Ag_21072	ITQTGTYLVQDAFSEPTK	AGAP004996-PA	-	138	2.49E-13	2	1999.007	2.54	Larva	2L:-:7734318-7734265	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_26696	QGEYRPPAPEEDTIFTSCDDSR	AGAP004996-PA	C18(Carbamidomethyl)	118	1.23E-11	1	2570.123	4.98	Larva	2L:-:7734384-7734319	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_29050	YTVIQNR	AGAP004996-PA	-	42	0.000849905	1	893.486	2.02	Larva	2L:-:7734231-7734211	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_29863	SGFGQFDGGDYWLGLDR	AGAP004996-PA	-	158	1.89E-15	1	1889.854	4.71	Larva	2L:-:7734165-7734115	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_40129	YGAVYSELQDMK	AGAP004996-PA	M11(Oxidation)	64	4.56E-06	1	1419.654	5.29	Larva	2L:-:7734699-7734664	exon=> In CDS Exon 1 of transcript AGAP004996-PA
JHU_Ag_47393	SVSWYVGQTSK	AGAP004996-PA	-	66	2.91E-06	2	1241.622	4.54	Larva	2L:-:7734651-7734619	exon=> In CDS Exon 1 of transcript AGAP004996-PA
JHU_Ag_54398	GAWWYTGCGMSNLNGLYLK	AGAP004996-PA	C8(Carbamidomethyl), M10(Oxidation),"C8(Carbamidomethyl), M10(Oxidation), N14(Deamidated)"	133	5.73E-13	1	2207.019	6.52	Larva	2L:-:7733865-7734460,7733493-7733739	exon=> In CDS Exon 3 and 2 of transcript AGAP004996-PA

JHU_Ag_70136	GVLFSAYDLDLDNSEINCAVSNR	AGAP004996-PA	C18(Carbamidomethyl)	149	2.12E-14	2	2572.217	7.22	Larva	2L:-:7733934-7733866	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_78715	SSIALSEIMQSIR	AGAP004996-PA	M9(Oxidation)	114	6.12E-11	2	1450.763	4.41	Larva	2L:-:7734585-7734921,7733834-7734460	exon=> In CDS Exon 2 and 1 of transcript AGAP004996-PA
JHU_Ag_91605	VVCVLDFSVGR	AGAP004996-PA	C3(Carbamidomethyl)	98	2.18E-09	1	1250.660	2.69	Larva	2L:-:7734264-7734232	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_94663	LGGYSGNAGDSLGAIK	AGAP004996-PA	N7(Deamidated)	140	1.50E-13	1	1480.734	4.33	Larva	2L:-:7733982-7733935	exon=> In CDS Exon 2 of transcript AGAP004996-PA
JHU_Ag_98706	LILNLR	AGAP004996-PA	-	43	0.000101256	2	741.500	3.11	Larva	2L:-:7734723-7734706	exon=> In CDS Exon 1 of transcript AGAP004996-PA
JHU_Ag_99144	TGENINDQLFK	AGAP004996-PA	N6(Deamidated)	77	3.01E-07	1	1278.638	4	Larva	2L:-:7734618-7734586	exon=> In CDS Exon 1 of transcript AGAP004996-PA
JHU_Ag_100467	GLTGGTTGMFWETFR	AGAP004996-PA	M9(Oxidation)	104	6.94E-10	1	1676.779	2.87	Larva	2L:-:7733738-7733694	exon=> In CDS Exon 3 of transcript AGAP004996-PA
JHU_Ag_4386	GYNYSLK	AGAP004997-PA	-	33	0.00420228	2	844.422	2.7	Larva	2L:+:7738499-7738519	exon=> In CDS Exon 3 of transcript AGAP004997-PA
JHU_Ag_12297	FSTFDYDNDKFDQNCAAHTHGAWWYK	AGAP004997-PA	C15(Carbamidomethyl)	52	2.35E-05	1	3224.360	0.08	Larva	2L:+:7738276-7738353	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_14773	VICMLDYGGR	AGAP004997-PA	C3(Carbamidomethyl), M4(Oxidation)	75	3.10E-07	1	1199.557	1.88	Larva	2L:+:7737943-7737972	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_22660	DIVDQIDDLDEK	AGAP004997-PA	Q5(Deamidated)	108	1.77E-10	1	1417.675	3.87	Larva	2L:+:7737445-7737480	exon=> In CDS Exon 1 of transcript AGAP004997-PA
JHU_Ag_27680	NFEYYNTVHGPHR	AGAP004997-PA	-	107	2.78E-10	1	1633.753	1.58	Larva	2L:+:7737220-7737258	exon=> In CDS Exon 1 of transcript AGAP004997-PA
JHU_Ag_36049	IYSSCEDPNIK	AGAP004997-PA	C5(Carbamidomethyl)	58	1.75E-05	1	1325.608	3.18	Larva	2L:+:7737862-7737894	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_36703	GFLGGAGNSFEAEGMR	AGAP004997-PA	M15(Oxidation),"N8(Deamidated), M15(Oxidation)"	129	1.34E-12	1	1615.725	5.02	Larva	2L:+:7738228-7738275	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_40970	IYQFTK	AGAP004997-PA	-	39	0.000803973	1	799.439	4.73	Larva	2L:+:7738090-7738107	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_41340	ANFYKPVK	AGAP004997-PA	-	37	0.000937569	1	966.544	3.28	Larva	2L:+:7737919-7737942	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_43852	YGFGNNDGGEYWLGLDR	AGAP004997-PA	N5(Deamidated),N6(Deamidated)	150	1.05E-14	1	1932.856	2.43	Larva	2L:+:7738039-7738089	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_47963	GYNYSLKK	AGAP004997-PA	-	36	0.003239351	1	972.519	4.48	Larva	2L:+:7738499-7738522	exon=> In CDS Exon 3 of transcript AGAP004997-PA
JHU_Ag_52314	SLLDLEIK	AGAP004997-PA	-	47	0.000153416	2	930.552	1.09	Larva	2L:+:7737490-7737513	exon=> In CDS Exon 1 of transcript AGAP004997-PA
JHU_Ag_59844	SCGDSNLNGLYLNGPTLEK	AGAP004997-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), N8(Deamidated)","C2(Carbamidomethyl), N8(Deamidated), N13(Deamidated)","C2(Carbamidomethyl), N13(Deamidated)"	100	1.60E-09	1	2051.975	2.35	Larva	2L:+:7738354-7738367,7738429-7738471	exon=> In CDS Exon 2 and 3 of transcript AGAP004997-PA
JHU_Ag_65897	IYSSCEDPNIKK	AGAP004997-PA	C5(Carbamidomethyl)	75	4.19E-07	1	1453.703	2.31	Larva	2L:+:7737862-7737897	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_82272	LKGFLGGAGNSFEAEGMR	AGAP004997-PA	N10(Deamidated), M17(Oxidation),M17(Oxidation)	81	1.28E-07	1	1856.906	5.17	Larva	2L:+:7738222-7738275	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_89272	TGIYWNSFR	AGAP004997-PA	N6(Deamidated)	62	6.49E-06	2	1143.563	4.55	Larva	2L:+:7738472-7738498	exon=> In CDS Exon 3 of transcript AGAP004997-PA

JHU_Ag_100349	TGTYWIK	AGAP004997-PA	-	52	5.51E-05	2	868.459	2.59	Larva	2L:+:7737898-7737918	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_107429	FDGSVDFYRPWR	AGAP004997-PA	-	76	3.12E-07	1	1544.730	1.01	Larva	2L:+:7737994-7738029	exon=> In CDS Exon 2 of transcript AGAP004997-PA
JHU_Ag_168	SCSDVPPNSPSGVYK	AGAP004998-PA,AGAP012650-PA	C2(Carbamidomethyl)	53	5.41E-05	2	1593.726	2.58	Larva	2L:+:7747049-7747093;UNKN:+:22414901-22414945	exon=> In CDS Exon 1 of transcript AGAP004998-PA;exon=> In CDS Exon 1 of transcript AGAP012650-PA
JHU_Ag_18233	YSAFQIGDESELYR	AGAP004998-PA,AGAP012650-PA	-	87	2.47E-08	2	1677.782	4.09	Larva	2L:+:7747355-7747396;UNKN:+:22415207-22415248	exon=> In CDS Exon 1 of transcript AGAP004998-PA;exon=> In CDS Exon 1 of transcript AGAP012650-PA
JHU_Ag_34054	SCADSNLNGQYLGGATSLYGK	AGAP004998-PA,AGAP012650-PA	C2(Carbamidomethyl)	103	6.46E-10	1	2176.008	4.83	Larva	2L:+:7747541-7747554,7747631-7747679;UNKN:+:22415393-22415406,22415483-22415531	exon=> In CDS Exon 1 and 2 of transcript AGAP004998-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012650-PA
JHU_Ag_36035	LQESEDFAPSSYK	AGAP004998-PA,AGAP012650-PA	-	68	1.61E-06	2	1500.691	3.59	Larva	2L:+:7747010-7747048;UNKN:+:22414862-22414900	exon=> In CDS Exon 1 of transcript AGAP004998-PA;exon=> In CDS Exon 1 of transcript AGAP012650-PA
JHU_Ag_75443	GIGTSPSSSTKPDDLITLINQITSK	AGAP004998-PA,AGAP012650-PA	-	91	2.93E-09	1	2573.396	11.25	Larva	2L:+:7746935-7747009;UNKN:+:22414787-22414861	exon=> In CDS Exon 1 of transcript AGAP004998-PA;exon=> In CDS Exon 1 of transcript AGAP012650-PA
JHU_Ag_87876	NLDLLEAAIK	AGAP004998-PA,AGAP012650-PA	-	42	0.000470145	2	1099.641	5.09	Larva	2L:+:7746905-7746934;UNKN:+:22414757-22414786	exon=> In CDS Exon 1 of transcript AGAP004998-PA;exon=> In CDS Exon 1 of transcript AGAP012650-PA
JHU_Ag_107024	GMIWTTFGGMSYSHK	AGAP004998-PA,AGAP012650-PA	M2(Oxidation), M10(Oxidation)	43	0.000470982	2	1734.767	3.38	Larva	2L:+:7747680-7747724;UNKN:+:22415532-22415576	exon=> In CDS Exon 2 of transcript AGAP004998-PA;exon=> In CDS Exon 2 of transcript AGAP012650-PA
JHU_Ag_23163	SFNEYQNGFGHPDQEFWIGLTR	AGAP004999-PA	N7(Deamidated)	77	3.14E-07	1	2643.209	7.15	Larva	2L:-:7748734-7748669	exon=> In CDS Exon 1 of transcript AGAP004999-PA
JHU_Ag_91884	SSIMLIR	AGAP004999-PA	M4(Oxidation)	38	0.000961111	2	835.476	6.63	Head	2L:-:7748228-7748208	exon=> In CDS Exon 2 of transcript AGAP004999-PA
JHU_Ag_8493	TASDFFGPSCAVNALIDK	AGAP005003-PA	C10(Carbamidomethyl)	72	9.54E-07	1	1912.916	2.44	Head	2L:-:7790980-7790927	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_8708	AVNLYASK	AGAP005003-PA	-	62	4.67E-06	2	865.480	2.83	Malpighian tubule	2L:-:7790569-7790546	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_18547	DGGMAITDCNNIVK	AGAP005003-PA	C9(Carbamidomethyl)	37	0.002606097	2	1507.695	4.7	Ovary	2L:-:7791022-7790981	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_21332	DGGMAITDCNNIVK	AGAP005003-PA	M4(Oxidation), C9(Carbamidomethyl)	92	7.10E-09	1	1523.686	2.3	Head	2L:-:7791022-7790981	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_21925	DASEDYYGNSGAFR	AGAP005003-PA	-	121	2.45E-12	1	1551.637	1.65	Head	2L:-:7789675-7789634	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_26834	AVNLYASK	AGAP005003-PA	-	49	0.000102428	2	865.479	1.49	Salivary gland	2L:-:7790569-7790546	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_26868	HTTVEEMVDSGFIPGVTVDQFELLCR	AGAP005003-PA	M7(Oxidation), C25(Carbamidomethyl)	47	0.000290811	1	2995.431	4.53	Malpighian tubule	2L:-:7790776-7790699	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_30720	HLAPINDDKQNYQR	AGAP005003-PA	-	110	1.60E-10	1	1711.854	1.75	Malpighian tubule	2L:-:7790320-7790279	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_37091	HTTVIENTGGK	AGAP005003-PA	-	35	0.002873636	1	1156.597	1.19	Malpighian tubule	2L:-:7789594-7789562	exon=> In CDS Exon 3 of transcript AGAP005003-PA

JHU_Ag_40553	QCDWGDVPSHALVVSSATSK	AGAP005003-PA	C2(Carbamidomethyl)	91	1.09E-08	1	2144.023	7.32	Malpighian tubule	2L:-:7790665-7790606	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_47899	DASEDYYGNSGAFR	AGAP005003-PA	-	52	2.09E-05	2	1551.640	3.38	Salivary gland	2L:-:7789675-7789634	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_54025	DALPDDFELLCPDGTR	AGAP005003-PA	C11(Carbamidomethyl)	72	7.75E-07	2	1833.839	3.66	Head	2L:-:7789540-7789493	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_56776	ALDQIYETR	AGAP005003-PA	-	67	3.12E-06	1	1108.567	3.57	Malpighian tubule	2L:-:7790266-7790240	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_60917	LCSLCTGVVPGGK	AGAP005003-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	39	0.002336 89	2	1347.678	1.69	Head	2L:-:7790896-7790858	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_61866	TASDFFGPSCAVNALIDKYNPIGDNSN K	AGAP005003-PA	C10(Carbamidomethyl)	35	0.003964 697	1	3015.420	1.59	Head	2L:-:7790980-7790897	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_61961	DALPDDFELLCPDGTR	AGAP005003-PA	C11(Carbamidomethyl)	71	1.13E-06	1	1833.843	5.92	Salivary gland	2L:-:7789540-7789493	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_66433	EEDPDTELTYLR	AGAP005003-PA	-	46	0.000308 082	2	1480.684	2.21	Salivary gland	2L:-:7789948-7789913	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_71951	AAAEYFTK	AGAP005003-PA	-	41	0.000553 283	2	900.447	0.77	Salivary gland	2L:-:7789801-7789778	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_72960	DASEDYYGNSGAFR	AGAP005003-PA	-	88	5.13E-09	2	1551.640	3.3	Malpighian tubule	2L:-:7789675-7789634	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_84677	DGGMAITDCNNIVK	AGAP005003-PA	M4(Oxidation), C9(Carbamidomethyl)	55	3.21E-05	2	1523.687	2.54	Malpighian tubule	2L:-:7791022-7790981	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_86879	DASEDYYGNSGAFR	AGAP005003-PA	-	57	6.28E-06	2	1551.635	0.08	Ovary	2L:-:7789675-7789634	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_110264	EEDPDTELTYLR	AGAP005003-PA	-	68	1.85E-06	2	1480.680	-0.02	Head	2L:-:7789948-7789913	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_117543	ALDQIYETR	AGAP005003-PA	-	58	2.39E-05	2	1108.565	1.59	Salivary gland	2L:-:7790266-7790240	exon=> In CDS Exon 3 of transcript AGAP005003-PA
JHU_Ag_1785	RPQQHGQSIEVR	AGAP005005-PA	-	78	2.32E-07	1	1434.752	-2.99	Head	2L:+:7802772-7802807	exon=> In CDS Exon 7 of transcript AGAP005005-PA
JHU_Ag_2963	VPETATILLSGGIK	AGAP005005-PA	-	66	8.96E-07	2	1398.821	0.63	Head	2L:+:7796901-7796929,7797460-7797472	exon=> In CDS Exon 3 and 4 of transcript AGAP005005-PA
JHU_Ag_6688	LCTFFENLGWK	AGAP005005-PA	C2(Carbamidomethyl)	60	1.15E-05	1	1414.678	-3.21	Male reproductive organs	2L:+:7796101-7796133	exon=> In CDS Exon 2 of transcript AGAP005005-PA
JHU_Ag_18732	GLILLETYTSLTGDK	AGAP005005-PA	-	92	4.96E-09	2	1623.885	0.4	Ovary	2L:+:7803054-7803098	exon=> In CDS Exon 8 of transcript AGAP005005-PA
JHU_Ag_25054	SNNWNPVELR	AGAP005005-PA	-	43	0.000566 772	2	1228.606	-0.58	Midgut	2L:+:7802213-7802242	exon=> In CDS Exon 6 of transcript AGAP005005-PA
JHU_Ag_29362	LCTFFENLGWK	AGAP005005-PA	C2(Carbamidomethyl)	50	0.000121 857	1	1414.693	7.49	Midgut	2L:+:7796101-7796133	exon=> In CDS Exon 2 of transcript AGAP005005-PA
JHU_Ag_64375	FADLVAEEVYK	AGAP005005-PA	-	57	2.83E-05	2	1283.648	-3.38	Salivary gland	2L:+:7797473-7797497,7801964-7801971	exon=> In CDS Exon 4 and 5 of transcript AGAP005005-PA
JHU_Ag_68055	FQENLLR	AGAP005005-PA	-	35	0.004002 236	2	919.499	-0.87	Head	2L:+:7801972-7801992	exon=> In CDS Exon 5 of transcript AGAP005005-PA
JHU_Ag_81499	FQENLLR	AGAP005005-PA	-	40	0.001396 13	2	919.500	0.45	Ovary	2L:+:7801972-7801992	exon=> In CDS Exon 5 of transcript AGAP005005-PA
JHU_Ag_83842	RPQQHGQSIEVR	AGAP005005-PA	-	36	0.003676 314	1	1434.756	0.14	Malpighian tubule	2L:+:7802772-7802807	exon=> In CDS Exon 7 of transcript AGAP005005-PA
JHU_Ag_41802	MQLSHER	AGAP005006-PA	Q2(Deamidated)	28	0.007893 925	2	901.420	0.81	Head	2L:+:7811491-7811511	exon=> In CDS Exon 9 of transcript AGAP005006-PA
JHU_Ag_31625	LGEEDIENIVAK	AGAP005007-PA	-	93	6.24E-09	2	1329.692	1.49	Ovary	2L:-:7817940-7818045,7816550-7817817	exon=> In CDS Exon 2 and 1 of transcript AGAP005007-PA

JHU_Ag_57825	EEEGDAGALDLGGPSPR	AGAP005007-PA	-	96	3.42E-09	1	1669.767	0.39	Ovary	2L:-:7816703-7816653	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_59092	INAPNGPSAR	AGAP005007-PA	-	41	0.000963 8	2	996.522	-0.64	Ovary	2L:-:7817438-7817409	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_59822	GAAKEEEGDAGALDLGGPSPR	AGAP005007-PA	-	44	0.000574 237	1	1996.959	0.93	Malpighian tubule	2L:-:7816715-7816653	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_81567	TGAATAQPTYK	AGAP005007-PA	-	47	0.000288 096	1	1108.565	1.37	Ovary	2L:-:7817099-7817067	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_84953	SSDLTEIVCPPPTAR	AGAP005007-PA	C9(Carbamidomethyl)	37	0.003051 662	1	1642.811	0.46	Ovary	2L:-:7817795-7817751	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_90140	GAAKEEEGDAGALDLGGPSPR	AGAP005007-PA	-	45	0.000447 69	1	1996.958	0.65	Ovary	2L:-:7816715-7816653	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_94868	ILIWGGYSK	AGAP005007-PA	-	42	0.000500 593	2	1036.582	-0.53	Ovary	2L:-:7817210-7817184	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_109048	LFVFGGFHDNNASYR	AGAP005007-PA	-	37	0.002905 773	1	1743.824	0.06	Ovary	2L:-:7817375-7817331	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_112307	EEEGDAGALDLGGPSPR	AGAP005007-PA	-	55	4.78E-05	2	1669.772	3.24	Malpighian tubule	2L:-:7816703-7816653	exon=> In CDS Exon 2 of transcript AGAP005007-PA
JHU_Ag_115567	QFTLSDLYALDLHK	AGAP005007-PA	-	66	3.42E-06	1	1663.871	1.36	Ovary	2L:-:7816580-7817843,7816277-7816460	exon=> In CDS Exon 3 and 2 of transcript AGAP005007-PA
JHU_Ag_25234	IPPTAIR	AGAP005008-PA,AGAP005008-PB	-	33	0.000996 375	2	767.478	0.27	Salivary gland	2L:-:7821155-7821135;2L:-:7821155-7821135	exon=> In CDS Exon 10 of transcript AGAP005008-PA;exon=> In CDS Exon 9 of transcript AGAP005008-PB
JHU_Ag_2839	LLKLGFLGGGK	AGAP005009-PA	-	19	0.006536 762	1	1102.700	1.5	Malpighian tubule	2L:+:7897881-7897913	exon=> In CDS Exon 1 of transcript AGAP005009-PA
JHU_Ag_5971	LGFLGGGK	AGAP005009-PA	-	37	0.001343 35	2	748.437	2.17	Malpighian tubule	2L:+:7897890-7897913	exon=> In CDS Exon 1 of transcript AGAP005009-PA
JHU_Ag_7829	DDVTSPAGSTAAGLSHLEQNAFR	AGAP005009-PA	-	132	1.03E-12	1	2344.124	3.02	Visceras	2L:+:7899021-7899081,7899160-7899167	exon=> In CDS Exon 3 and 4 of transcript AGAP005009-PA
JHU_Ag_9903	LASQTVLGSGK	AGAP005009-PA	-	43	0.000459 348	2	1060.598	-1.24	Head	2L:+:7898949-7898981	exon=> In CDS Exon 3 of transcript AGAP005009-PA
JHU_Ag_35200	LGFLGGGK	AGAP005009-PA	-	36	0.001480 269	2	748.434	-1.66	Head	2L:+:7897890-7897913	exon=> In CDS Exon 1 of transcript AGAP005009-PA
JHU_Ag_39211	HAVSGAVESATVR	AGAP005009-PA	-	110	1.30E-10	1	1283.670	0.12	Head	2L:+:7899168-7899206	exon=> In CDS Exon 4 of transcript AGAP005009-PA
JHU_Ag_41329	GESMTASFHPSDHANIEAFK	AGAP005009-PA	M4(Oxidation)	109	1.18E-10	1	2191.966	-2.3	Head	2L:+:7898315-7898374	exon=> In CDS Exon 2 of transcript AGAP005009-PA
JHU_Ag_44094	HAVSGAVESATVR	AGAP005009-PA	-	88	1.97E-08	2	1283.670	0.12	Visceras	2L:+:7899168-7899206	exon=> In CDS Exon 4 of transcript AGAP005009-PA
JHU_Ag_45235	AGASVYVR	AGAP005009-PA	-	75	4.83E-07	2	822.448	1.22	Malpighian tubule	2L:+:7898724-7898747	exon=> In CDS Exon 3 of transcript AGAP005009-PA
JHU_Ag_59727	LGFLGGGK	AGAP005009-PA	-	36	0.001820 493	1	748.436	1.62	Visceras	2L:+:7897890-7897913	exon=> In CDS Exon 1 of transcript AGAP005009-PA
JHU_Ag_61219	LASQTVLGSGK	AGAP005009-PA	-	64	3.93E-06	2	1060.601	1.06	Malpighian tubule	2L:+:7898949-7898981	exon=> In CDS Exon 3 of transcript AGAP005009-PA
JHU_Ag_71737	HAVSGAVESATVR	AGAP005009-PA	-	67	2.03E-06	2	1283.672	1.55	Pupa	2L:+:7899168-7899206	exon=> In CDS Exon 4 of transcript AGAP005009-PA
JHU_Ag_72048	HPGQLKDDVTSPAGSTAAGLSHLEQNAFR	AGAP005009-PA	-	183	5.87E-18	1	3004.482	-1.62	Visceras	2L:+:7899003-7899081,7899160-7899167	exon=> In CDS Exon 3 and 4 of transcript AGAP005009-PA
JHU_Ag_80701	HAVSGAVESATVR	AGAP005009-PA	-	89	1.50E-08	1	1283.672	1.07	Malpighian tubule	2L:+:7899168-7899206	exon=> In CDS Exon 4 of transcript AGAP005009-PA

JHU_Ag_80887	LASQTVLGSGK	AGAP005009-PA	-	77	2.20E-07	2	1060.599	-0.66	Visceras	2L:+:7898949-7898981	exon=> In CDS Exon 3 of transcript AGAP005009-PA
JHU_Ag_88356	AGASVYVR	AGAP005009-PA	-	68	2.31E-06	2	822.447	-0.42	Visceras	2L:+:7898724-7898747	exon=> In CDS Exon 3 of transcript AGAP005009-PA
JHU_Ag_110684	DDVTSPAGSTAAGLSHLEQNAFR	AGAP005009-PA	-	62	1.09E-05	2	2344.120	1.56	Head	2L:+:7899021-7899081,7899160-7899167	exon=> In CDS Exon 3 and 4 of transcript AGAP005009-PA
JHU_Ag_10161	ATPIQLPANAVFVIANSLSEANK	AGAP005012-PA,AGAP005013-PA,AGAP012568-PA	-	70	5.07E-07	1	2368.285	-1	Malpighian tubule	2L:+:8287899-8287967;2L:-:8293505-8293437;UNKN:-:16665207-16665139	exon=> In CDS Exon 4 of transcript AGAP005012-PA;exon=> In CDS Exon 4 of transcript AGAP005013-PA;exon=> In CDS Exon 2 of transcript AGAP012568-PA
JHU_Ag_13113	ATPIQLPANAVFVIANSLSEANK	AGAP005012-PA,AGAP005013-PA,AGAP012568-PA	-	91	4.24E-09	1	2368.286	-0.69	Ovary	2L:+:8287899-8287967;2L:-:8293505-8293437;UNKN:-:16665207-16665139	exon=> In CDS Exon 4 of transcript AGAP005012-PA;exon=> In CDS Exon 4 of transcript AGAP005013-PA;exon=> In CDS Exon 2 of transcript AGAP012568-PA
JHU_Ag_28259	AISLFGDEAIYYTNR	AGAP005014-PA	-	72	1.10E-06	1	1732.864	5.94	Malpighian tubule	2L:+:8298094-8298138	exon=> In CDS Exon 3 of transcript AGAP005014-PA
JHU_Ag_32221	AISLFGDEAIYYTNR	AGAP005014-PA	-	70	1.76E-06	2	1732.858	2.42	Ovary	2L:+:8298094-8298138	exon=> In CDS Exon 3 of transcript AGAP005014-PA
JHU_Ag_36476	FSEDVASLEKQDEAESESAK	AGAP005014-PA	-	73	4.84E-07	1	2198.995	0.71	Ovary	2L:+:8297407-8297458,8297534-8297541	exon=> In CDS Exon 2 and 3 of transcript AGAP005014-PA
JHU_Ag_49941	IPIKDVIPCPIAIDSR	AGAP005014-PA	C9(Carbamidomethyl)	48	6.27E-05	1	1807.017	1.34	Ovary	2L:+:8298490-8298537	exon=> In CDS Exon 3 of transcript AGAP005014-PA
JHU_Ag_61481	SSAQFYTTWSGLDEDLRYQYLK	AGAP005014-PA	-	34	0.005857691	1	2671.287	7.43	Malpighian tubule	2L:+:8299098-8299163	exon=> In CDS Exon 4 of transcript AGAP005014-PA
JHU_Ag_63983	IPIKDVIPCPIAIDSR	AGAP005014-PA	C9(Carbamidomethyl)	42	0.0002028	1	1807.024	4.88	Malpighian tubule	2L:+:8298490-8298537	exon=> In CDS Exon 3 of transcript AGAP005014-PA
JHU_Ag_68029	MDTIESQLAVR	AGAP005014-PA	N-Term(Acetyl)	47	0.000394964	2	1304.653	1.02	Ovary	2L:+:8297098-8297130	exon=> In CDS Exon 1 of transcript AGAP005014-PA
JHU_Ag_29716	NESNAFIQIDEALPGSNDR	AGAP005015-PA	-	70	1.69E-06	2	2089.985	3.14	Head	2L:-:8303391-8303335	exon=> In CDS Exon 8 of transcript AGAP005015-PA
JHU_Ag_41568	TEYQAQVNVGDCTGPER	AGAP005015-PA	Q4(Deamidated),C12(Carbamidomethyl),C12(Carbamidomethyl),"Q6(Deamidated),C12(Carbamidomethyl)","N8(Deamidated),C12(Carbamidomethyl)"	105	3.05E-10	1	1923.850	-0.22	Ovary	2L:-:8316685-8316736,8311802-8311874	exon=> In CDS Exon 4 and 2 of transcript AGAP005015-PA
JHU_Ag_46029	AGDNEYELR	AGAP005015-PA	-	88	1.33E-08	2	1066.482	1.72	Ovary	2L:-:8310991-8310965	exon=> In CDS Exon 5 of transcript AGAP005015-PA
JHU_Ag_51700	VLTIGGDMETVTK	AGAP005015-PA	M8(Oxidation)	60	1.49E-05	2	1379.710	0.57	Head	2L:-:8311873-8311835	exon=> In CDS Exon 4 of transcript AGAP005015-PA
JHU_Ag_52956	ENLSGAGSGGFNRN	AGAP005015-PA	-	87	2.05E-08	1	1379.632	1.35	Ovary	2L:-:8302664-8302623	exon=> In CDS Exon 9 of transcript AGAP005015-PA
JHU_Ag_54974	VLTIGGDMETVTK	AGAP005015-PA	M8(Oxidation)	85	5.03E-08	1	1379.710	0.66	Ovary	2L:-:8311873-8311835	exon=> In CDS Exon 4 of transcript AGAP005015-PA
JHU_Ag_56250	IFSNIPPQSTDR	AGAP005015-PA	-	38	0.002418104	2	1374.701	-0.39	Head	2L:-:8304253-8304218	exon=> In CDS Exon 6 of transcript AGAP005015-PA

JHU_Ag_61391	DLAGAIIGK	AGAP005015-PA	-	47	0.000233565	1	857.512	3.14	Ovary	2L:-:8303525-8303742,8303273-8303419	exon=> In CDS Exon 8 and 7 of transcript AGAP005015-PA
JHU_Ag_75115	IAQVIGSEEQCLK	AGAP005015-PA	C11(Carbamidomethyl)	53	7.25E-05	1	1474.763	4.17	Male reproductive organs	2L:-:8304217-8304179	exon=> In CDS Exon 6 of transcript AGAP005015-PA
JHU_Ag_76877	IAQVIGSEEQCLK	AGAP005015-PA	C11(Carbamidomethyl)	106	3.79E-10	1	1474.759	1.11	Ovary	2L:-:8304217-8304179	exon=> In CDS Exon 6 of transcript AGAP005015-PA
JHU_Ag_81135	IITITGTPK	AGAP005015-PA	-	35	0.002251692	2	943.580	-2.31	Ovary	2L:-:8303334-8303308	exon=> In CDS Exon 8 of transcript AGAP005015-PA
JHU_Ag_84320	IRNESNAFIQIDEALPGSNDR	AGAP005015-PA	-	55	4.81E-05	1	2359.171	3.26	Head	2L:-:8303397-8303335	exon=> In CDS Exon 8 of transcript AGAP005015-PA
JHU_Ag_90710	DLAGAIIGK	AGAP005015-PA	-	49	0.000132227	1	857.510	1.29	Head	2L:-:8303525-8303742,8303273-8303419	exon=> In CDS Exon 8 and 7 of transcript AGAP005015-PA
JHU_Ag_100408	TSTQVTIPK	AGAP005015-PA	-	45	0.000340664	2	974.551	-1.04	Ovary	2L:-:8303552-8303526	exon=> In CDS Exon 7 of transcript AGAP005015-PA
JHU_Ag_102458	VLTIGGDMETVTK	AGAP005015-PA	M8(Oxidation)	78	2.34E-07	2	1379.706	-1.64	Midgut	2L:-:8311873-8311835	exon=> In CDS Exon 4 of transcript AGAP005015-PA
JHU_Ag_105163	IAQVIGSEEQCLK	AGAP005015-PA	C11(Carbamidomethyl)	74	6.04E-07	1	1474.759	1.61	Malpighian tubule	2L:-:8304217-8304179	exon=> In CDS Exon 6 of transcript AGAP005015-PA
JHU_Ag_107888	EIQAAQYMLQQSVR	AGAP005015-PA	M8(Oxidation)	72	9.67E-07	1	1680.847	5.74	Ovary	2L:-:8303307-8303442,8302620-8302665	exon=> In CDS Exon 9 and 8 of transcript AGAP005015-PA
JHU_Ag_114193	IAQVIGSEEQCLK	AGAP005015-PA	C11(Carbamidomethyl)	52	0.000108058	2	1474.757	-0.13	Salivary gland	2L:-:8304217-8304179	exon=> In CDS Exon 6 of transcript AGAP005015-PA
JHU_Ag_12280	FGQKDK	AGAP005017-PA	Q3(Deamidated)	34	0.003553327	2	723.357	-14.32	Midgut	2L:+:8324948-8324965	exon=> In CDS Exon 1 of transcript AGAP005017-PA
JHU_Ag_67003	ELTTSRR	AGAP005020-PA	-	30	0.011754657	1	862.467	-8.18	Midgut	2L:-:8332218-8332198	exon=> In CDS Exon 5 of transcript AGAP005020-PA
JHU_Ag_89587	AIELQFR	AGAP005020-PA	-	41	0.000859864	2	876.494	-0.21	Salivary gland	2L:-:8330363-8330343	exon=> In CDS Exon 9 of transcript AGAP005020-PA
JHU_Ag_101391	RPITLTEFENLPFVR	AGAP005020-PA	-	53	3.89E-05	1	1832.007	0.42	Salivary gland	2L:-:8331123-8331079	exon=> In CDS Exon 6 of transcript AGAP005020-PA
JHU_Ag_37966	TPAGSYGAQTPVYSGSK	AGAP005021-PA	-	86	4.27E-08	2	1670.801	-0.61	Head	2L:-:8335404-8335354	exon=> In CDS Exon 1 of transcript AGAP005021-PA
JHU_Ag_65848	NLAFLHSR	AGAP005021-PA	-	41	0.001078578	2	957.525	-1.12	Head	2L:-:8335875-8335852	exon=> In CDS Exon 1 of transcript AGAP005021-PA
JHU_Ag_81574	TPAGSYGAQTPVYSGSK	AGAP005021-PA	-	60	1.71E-05	2	1670.806	2.61	Ovary	2L:-:8335404-8335354	exon=> In CDS Exon 1 of transcript AGAP005021-PA
JHU_Ag_88976	HEELRDPLIFK	AGAP005021-PA	-	49	0.000126474	1	1396.756	-1.61	Head	2L:-:8336373-8336341	exon=> In CDS Exon 1 of transcript AGAP005021-PA
JHU_Ag_101177	SAINNVGNLR	AGAP005021-PA	-	45	0.000442531	2	1057.576	1.1	Ovary	2L:-:8337036-8337007	exon=> In CDS Exon 1 of transcript AGAP005021-PA
JHU_Ag_106728	YEGETGLIVR	AGAP005021-PA	-	52	0.000117331	2	1136.597	2.03	Ovary	2L:-:8336280-8336251	exon=> In CDS Exon 1 of transcript AGAP005021-PA
JHU_Ag_113198	DREILGR	AGAP005021-PA	-	38	0.002595808	1	858.475	-4.7	Head	2L:-:8335617-8335597	exon=> In CDS Exon 1 of transcript AGAP005021-PA
JHU_Ag_953	DNIQGITKPAIR	AGAP005023-PA	Q4(Deamidated)	91	4.77E-09	1	1325.753	-0.13	Midgut	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_2744	ISGLIYEETR	AGAP005023-PA	-	74	4.01E-07	1	1180.621	0.02	Visceras	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_4316	DNIQGITKPAIR	AGAP005023-PA	-	85	1.78E-08	1	1325.757	2.35	Larva	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_6982	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	56	2.54E-05	2	1326.700	1.75	Pupa	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA

JHU_Ag_7596	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	91	8.40E-09	1	1326.699	1.02	Ovary	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_7849	ISGLIYEETR	AGAP005023-PA	-	72	7.94E-07	2	1180.620	-0.39	Head	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_8107	DNIQGITKPAIR	AGAP005023-PA	-	91	4.77E-09	1	1325.754	0.33	Male reproductive organs	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_8242	KTVTAMDVVYALK	AGAP005023-PA	M6(Oxidation)	117	1.36E-11	2	1438.795	-1.66	Midgut	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_8993	VFLENVIR	AGAP005023-PA	-	62	5.60E-06	2	989.577	-0.83	Head	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_10512	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	86	2.95E-08	1	1326.701	2.77	Visceras	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_11606	ISGLIYEETR	AGAP005023-PA	-	67	2.43E-06	2	1180.622	0.64	Pupa	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_13843	DAVTYTEHAK	AGAP005023-PA	-	56	4.71E-05	1	1134.543	0.14	Salivary gland	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_16232	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	77	2.24E-07	2	1326.695	-1.65	Midgut	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_17168	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	105	3.27E-10	2	1326.701	2.49	Head	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_17329	VFLENVIR	AGAP005023-PA	-	67	1.41E-06	2	989.578	0.1	Salivary gland	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_21534	DNIQGITKPAIR	AGAP005023-PA	Q4(Deamidated)	91	5.02E-09	1	1325.753	-0.78	Pupa	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_22031	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	97	2.10E-09	2	1482.798	-0.6	Midgut	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_22414	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	101	5.39E-10	1	1466.811	4.83	Head	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_23254	DNIQGITKPAIRR	AGAP005023-PA	-	42	0.000289 59	1	1481.853	-1.17	Salivary gland	2L:-:8376126-8376088	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_24548	DAVTYTEHAK	AGAP005023-PA	-	74	7.16E-07	1	1134.545	2.08	Ovary	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_26302	VFLENVIR	AGAP005023-PA	-	53	3.81E-05	2	989.580	2.26	Pupa	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_29226	DNIQGITKPAIRR	AGAP005023-PA	-	54	1.59E-05	1	1481.856	0.56	Malpighian tubule	2L:-:8376126-8376088	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_29985	KTVTAMDVVYALK	AGAP005023-PA	M6(Oxidation)	57	1.19E-05	2	1454.798	4.03	Larva	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_30757	GVLKVFLENVIR	AGAP005023-PA	-	62	7.31E-07	1	1386.847	0.37	Ovary	2L:-:8376030-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_31072	VFLENVIR	AGAP005023-PA	-	60	7.77E-06	2	989.578	0.04	Visceras	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_31785	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	109	8.17E-11	1	1466.806	1.58	Visceras	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_34856	TLYGFGG	AGAP005023-PA	-	40	0.000489 162	1	714.348	2.6	Malpighian tubule	2L:-:8375910-8375890	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_37382	KTVTAMDVVYALK	AGAP005023-PA	-	47	0.000138 258	1	1438.797	-0.16	Pupa	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_37534	ISGLIYEETR	AGAP005023-PA	-	74	5.04E-07	1	1180.623	1.99	Malpighian tubule	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_37936	DAVTYTEHAK	AGAP005023-PA	-	52	0.000101 884	1	1134.545	2.08	Larva	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_38384	RISGLIYEETR	AGAP005023-PA	-	59	1.42E-05	1	1336.722	-0.11	Head	2L:-:8376063-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_38959	TLYGFGG	AGAP005023-PA	-	37	0.000834 551	1	714.349	3.88	Larva	2L:-:8375910-8375890	exon=> In CDS Exon 1 of transcript AGAP005023-PA

JHU_Ag_40568	VFLENVIRDAVTYTEHAK	AGAP005023-PA	-	100	1.07E-09	1	2105.114	5.44	Malpighian tubule	2L:-:8376018-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_40721	DNIQGITKPAIR	AGAP005023-PA	-	91	5.03E-09	1	1325.754	0.33	Head	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_43236	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	45	0.000282373	2	1482.807	5.49	Ovary	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_44734	DAVTYTEHAK	AGAP005023-PA	-	46	0.000406544	1	1134.545	2.19	Male reproductive organs	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_44886	DNIQGITKPAIR	AGAP005023-PA	-	91	5.16E-09	1	1325.755	1.25	Malpighian tubule	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_47293	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	68	1.49E-06	1	1482.802	2.36	Larva	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_49119	ISGLIYEETR	AGAP005023-PA	-	70	1.38E-06	1	1180.619	-1.22	Salivary gland	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_51000	ISGLIYEETR	AGAP005023-PA	-	73	5.55E-07	1	1180.622	0.64	Ovary	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_51990	VFLENVIR	AGAP005023-PA	-	55	2.85E-05	1	989.575	-3.23	Midgut	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_52590	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	77	1.93E-07	1	1310.703	0.41	Salivary gland	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_55284	KTVTAMDVVYALK	AGAP005023-PA	-	53	3.18E-05	1	1438.800	1.74	Malpighian tubule	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_56112	VFLENVIR	AGAP005023-PA	-	55	2.20E-05	1	989.580	1.83	Malpighian tubule	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_58641	DNIQGITKPAIR	AGAP005023-PA	-	91	4.79E-09	1	1325.753	-0.69	Salivary gland	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_59074	DAVTYTEHAK	AGAP005023-PA	-	65	6.03E-06	1	1134.544	1.33	Malpighian tubule	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_59558	DAVTYTEHAK	AGAP005023-PA	-	71	1.19E-06	1	1134.540	-2.55	Head	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_61609	KTVTAMDVVYALK	AGAP005023-PA	-	42	0.000451534	3	1438.795	-1.76	Visceras	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_61813	VFLENVIRDAVTYTEHAK	AGAP005023-PA	-	113	4.96E-11	1	2105.110	3.61	Ovary	2L:-:8376018-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_62032	GVLKVFLENVIR	AGAP005023-PA	-	45	3.63E-05	1	1386.846	-0.24	Head	2L:-:8376030-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_62417	TLYGFGG	AGAP005023-PA	-	40	0.000427025	1	714.348	2.51	Visceras	2L:-:8375910-8375890	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_62423	DAVTYTEHAK	AGAP005023-PA	-	70	1.90E-06	1	1134.542	-0.4	Visceras	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_64174	TLYGFGG	AGAP005023-PA	-	47	0.000102464	1	714.345	-0.4	Midgut	2L:-:8375910-8375890	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_65655	DNIQGITKPAIR	AGAP005023-PA	-	91	4.55E-09	1	1325.756	1.89	Visceras	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_66156	DNIQGITKPAIRR	AGAP005023-PA	-	46	0.000113514	1	1481.854	-0.67	Visceras	2L:-:8376126-8376088	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_67171	ISGLIYEETRGVLK	AGAP005023-PA	-	78	6.29E-08	1	1577.893	1.87	Malpighian tubule	2L:-:8376060-8376019	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_69169	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	90	9.37E-09	1	1482.803	3.19	Malpighian tubule	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_70122	RISGLIYEETR	AGAP005023-PA	-	45	0.000318007	1	1336.724	1.72	Visceras	2L:-:8376063-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_71645	TLYGFGG	AGAP005023-PA	-	40	0.000504026	1	714.347	1.66	Pupa	2L:-:8375910-8375890	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_72018	ISGLIYEETR	AGAP005023-PA	-	55	3.71E-05	2	1180.622	0.85	Male reproductive organs	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA

JHU_Ag_72737	VFLENVIRDAVTYTEHAK	AGAP005023-PA	-	99	1.50E-09	1	2105.102	-0.3	Midgut	2L:-:8376018-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_72741	VFLENVIR	AGAP005023-PA	-	67	1.26E-06	2	989.579	1.58	Larva	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_73746	KTVTAMDVVYALK	AGAP005023-PA	-	53	3.71E-05	1	1438.797	-0.29	Salivary gland	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_76358	DAVTYTEHAK	AGAP005023-PA	-	67	3.93E-06	1	1134.551	7.35	Midgut	2L:-:8375994-8375965	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_76401	DNIQGITKPAIRR	AGAP005023-PA	-	38	0.000506091	1	1481.859	2.72	Head	2L:-:8376126-8376088	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_80055	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	85	2.15E-08	1	1466.806	1.83	Salivary gland	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_83090	TLYGFGG	AGAP005023-PA	-	37	0.000890129	1	714.346	0.89	Salivary gland	2L:-:8375910-8375890	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_84954	KTVTAMDVVYALK	AGAP005023-PA	M6(Oxidation)	69	7.79E-07	1	1438.807	6.57	Head	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_86385	KTVTAMDVVYALK	AGAP005023-PA	M6(Oxidation)	108	1.23E-10	1	1454.793	0.68	Ovary	2L:-:8375961-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_87200	DNIQGITKPAIR	AGAP005023-PA	Q4(Deamidated)	91	5.02E-09	1	1325.753	-0.22	Ovary	2L:-:8376126-8376091	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_92560	RISGLIYEETR	AGAP005023-PA	-	63	5.23E-06	1	1336.723	0.81	Ovary	2L:-:8376063-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_94684	TVTAMDVVYALKR	AGAP005023-PA	M5(Oxidation)	74	2.17E-07	1	1466.809	3.58	Pupa	2L:-:8375958-8375920	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_95549	RISGLIYEETR	AGAP005023-PA	-	46	0.000289938	2	1336.727	4	Midgut	2L:-:8376063-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_99943	TLYGFGG	AGAP005023-PA	-	48	7.58E-05	1	714.347	1.57	Head	2L:-:8375910-8375890	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_99973	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	76	2.32E-07	1	1310.706	2.74	Malpighian tubule	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_103834	RISGLIYEETR	AGAP005023-PA	-	46	0.000269343	1	1336.724	1.63	Salivary gland	2L:-:8376063-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_104464	ISGLIYEETR	AGAP005023-PA	-	69	1.38E-06	2	1180.617	-2.87	Midgut	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_109357	ISGLIYEETR	AGAP005023-PA	-	57	2.24E-05	2	1180.630	7.47	Larva	2L:-:8376060-8376031	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_110580	TVTAMDVVYALK	AGAP005023-PA	M5(Oxidation)	78	1.60E-07	2	1326.702	3.23	Larva	2L:-:8375958-8375923	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_117092	VFLENVIR	AGAP005023-PA	-	56	1.70E-05	2	989.580	2.32	Male reproductive organs	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_117534	VFLENVIR	AGAP005023-PA	N5(Deamidated)	59	9.62E-06	1	989.578	0.35	Ovary	2L:-:8376018-8375995	exon=> In CDS Exon 1 of transcript AGAP005023-PA
JHU_Ag_1668	EIAQDFK	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	40	0.001285666	1	850.433	2.72	Larva	2L:+:8380197-8380217;2R:-:10860929-10860909;UNKN:+:24531936-24531956;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA

JHU_Ag_4774	STELLIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	56	2.52E-05	2	831.495	1.58	Midgut	2L:+:8380149-8380169;2R:-:10860977-10860957;UNKN:+:24531888-24531908;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_10066	YRPGTVALR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	42	0.000538789	1	1032.594	-0.63	Visceras	2L:+:8380101-8380127;2R:-:10861025-10860999;UNKN:+:24531840-24531866;3L:-:38651673-38651647	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_13933	EIAQDFKTDLR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	34	0.006429813	1	1335.690	-0.62	Midgut	2L:+:8380197-8380229;2R:-:10860929-10860897;UNKN:+:24531936-24531968;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_19244	VTIMPKDIQLAR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	M4(Oxidation)	82	3.45E-08	1	1384.803	3.6	Malpighian tubule	2L:+:8380329-8380364;2R:-:10860676-10860641;UNKN:+:24532068-24532103;3L:-:38651445-38651410	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_23158	DIQLAR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	39	0.001796 86	1	715.411	2.02	Visceras	2L:+:8380347-8380364;2R:-:10860658-10860641;UNKN:+:24532086-24532103;3L:-:38651427-38651410	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_24437	EIAQDFKTDLR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	39	0.002315 261	2	1335.695	3.1	Larva	2L:+:8380197-8380229;2R:-:10860929-10860897;UNKN:+:24531936-24531968;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_24561	EIAQDFK	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	51	0.000127 721	1	850.433	2.5	Midgut	2L:+:8380197-8380217;2R:-:10860929-10860909;UNKN:+:24531936-24531956;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA

JHU_Ag_30747	DIQLAR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	43	0.000864657	1	715.419	12.42	Ovary	2L:+:8380347-8380364;2R:-:10860658-10860641;UNKN:+:24532086-24532103;3L:-:38651427-38651410	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_33663	EIAQDFK	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	51	0.000111304	1	850.432	1.42	Pupa	2L:+:8380197-8380217;2R:-:10860929-10860909;UNKN:+:24531936-24531956;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_36826	STELLIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	51	7.09E-05	2	831.495	1.51	Ovary	2L:+:8380149-8380169;2R:-:10860977-10860957;UNKN:+:24531888-24531908;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_41974	YQKSTELLIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	66	1.30E-06	1	1250.713	2.07	Malpighian tubule	2L:+:8380140-8380169;2R:-:10860986-10860957;UNKN:+:24531879-24531908;3L:-:38651634-38651605	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_43895	EIAQDFKTDLR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	70	1.67E-06	1	1335.694	2.36	Malpighian tubule	2L:+:8380197-8380229;2R:-:10860929-10860897;UNKN:+:24531936-24531968;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_44357	VTIMPK	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	42	0.001353525	1	688.408	2.13	Malpighian tubule	2L:+:8380329-8380346;2R:-:10860676-10860659;UNKN:+:24532068-24532085;3L:-:38651445-38651428	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_44895	STELLIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	70	1.14E-06	2	831.494	0.7	Visceras	2L:+:8380149-8380169;2R:-:10860977-10860957;UNKN:+:24531888-24531908;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA

JHU_Ag_45411	EIAQDFKTDLR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	43	0.000884123	1	1335.691	0.63	Ovary	2L:+:8380197-8380229;2R:-:10860929-10860897;UNKN:+:24531936-24531968;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_50741	YRPGTVALR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	40	0.000923462	1	1032.595	-0.27	Malpighian tubule	2L:+:8380101-8380127;2R:-:10861025-10860999;UNKN:+:24531840-24531866;3L:-:38651673-38651647	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_50838	YRPGTVALREIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	41	0.000278908	1	1430.825	1.8	Malpighian tubule	2L:+:8380101-8380136;2R:-:10861025-10860990;UNKN:+:24531840-24531875;3L:-:38651673-38651638	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_51535	EIAQDFKTDLR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	77	3.84E-07	1	1335.689	-0.74	Visceras	2L:+:8380197-8380229;2R:-:10860929-10860897;UNKN:+:24531936-24531968;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_52737	EIAQDFKTDLR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	45	0.000573058	1	1335.690	-0.01	Male reproductive organs	2L:+:8380197-8380229;2R:-:10860929-10860897;UNKN:+:24531936-24531968;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_66052	DIQLAR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	44	0.000721394	1	715.410	0.91	Male reproductive organs	2L:+:8380347-8380364;2R:-:10860658-10860641;UNKN:+:24532086-24532103;3L:-:38651427-38651410	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_71786	EIAQDFK	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	51	0.000111304	1	850.431	0.56	Male reproductive organs	2L:+:8380197-8380217;2R:-:10860929-10860909;UNKN:+:24531936-24531956;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA

JHU_Ag_72762	DIQLAR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	37	0.002428994	1	715.410	0.48	Midgut	2L:+:8380347-8380364;2R:-:10860658-10860641;UNKN:+:24532086-24532103;3L:-:38651427-38651410	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_74914	EIAQDFK	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	43	0.000664523	1	850.431	0.85	Malpighian tubule	2L:+:8380197-8380217;2R:-:10860929-10860909;UNKN:+:24531936-24531956;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_81767	STELLIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	59	1.62E-05	2	831.494	0.56	Male reproductive organs	2L:+:8380149-8380169;2R:-:10860977-10860957;UNKN:+:24531888-24531908;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_89156	STELLIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	65	4.07E-06	2	831.494	0.7	Malpighian tubule	2L:+:8380149-8380169;2R:-:10860977-10860957;UNKN:+:24531888-24531908;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_104972	YRPGTVALR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	38	0.001280463	1	1032.596	0.91	Ovary	2L:+:8380101-8380127;2R:-:10861025-10860999;UNKN:+:24531840-24531866;3L:-:38651673-38651647	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_108008	EIAQDFK	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	40	0.001178 99	1	850.431	0.99	Visceras	2L:+:8380197-8380217;2R:-:10860929-10860909;UNKN:+:24531936-24531956;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_108155	YRPGTVALR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	44	0.000295571	1	1032.592	-2.75	Midgut	2L:+:8380101-8380127;2R:-:10861025-10860999;UNKN:+:24531840-24531866;3L:-:38651673-38651647	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA

JHU_Ag_114703	STELLIR	AGAP005024-PA,AGAP001813-PB,AGAP012709-PA,AGAP012196-PA	-	51	7.31E-05	2	831.495	2.32	Larva	2L:+:8380149-8380169;2R:-:10860977-10860957;UNKN:+:24531888-24531908;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_36247	FQSSAVMALQEASEAYLVGLFEDTNLCAIHAK	AGAP005024-PA,AGAP012709-PA	C27(Carbamidomethyl),"M7(Oxidation),N25(Deamidated),C27(Carbamidomethyl)","M7(Oxidation),C27(Carbamidomethyl)"	267	2.25E-26	1	3529.701	0.77	Ovary	2L:+:8380230-8380325;UNKN:+:24531969-24532064	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012709-PA
JHU_Ag_44602	FQSSAVMALQEASEAYLVGLFEDTNLCAIHAK	AGAP005024-PA,AGAP012709-PA	C27(Carbamidomethyl),"M7(Oxidation),C27(Carbamidomethyl)"	129	1.61E-12	1	3529.697	-0.22	Midgut	2L:+:8380230-8380325;UNKN:+:24531969-24532064	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012709-PA
JHU_Ag_82651	FQSSAVMALQEASEAYLVGLFEDTNLCAIHAK	AGAP005024-PA,AGAP012709-PA	C27(Carbamidomethyl)	141	1.02E-13	1	3513.711	2.21	Visceras	2L:+:8380230-8380325;UNKN:+:24531969-24532064	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012709-PA
JHU_Ag_92646	FQSSAVMALQEASEAYLVGLFEDTNLCAIHAK	AGAP005024-PA,AGAP012709-PA	M7(Oxidation),C27(Carbamidomethyl)	61	8.27E-06	1	3529.705	2.01	Malpighian tubule	2L:+:8380230-8380325;UNKN:+:24531969-24532064	exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012709-PA
JHU_Ag_898	TVAFSHDSQYLVTGSNEK	AGAP005029-PA	-	38	0.002983977	1	1982.949	1.81	Ovary	2L:+:8579391-8579444	exon=> In CDS Exon 2 of transcript AGAP005029-PA
JHU_Ag_55825	YDYITGNEIESFK	AGAP005029-PA	-	101	1.03E-09	1	1578.735	1.52	Ovary	2L:+:8579829-8579856,8579962-8579972	exon=> In CDS Exon 2 and 3 of transcript AGAP005029-PA
JHU_Ag_99629	ALESYAGHAGAVK	AGAP005029-PA	-	78	2.77E-07	1	1273.655	0.79	Head	2L:+:8579481-8579519	exon=> In CDS Exon 2 of transcript AGAP005029-PA
JHU_Ag_3117	TKLNAAATGSSGSR	AGAP005032-PA,AGAP005032-PB	-	73	8.52E-07	1	1320.683	-2.86	Head	2L:+:8626741-8626782;2L:+:8626741-8626782	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_4941	KIPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	46	0.000312848	1	1835.936	1.91	Salivary gland	2L:+:8625180-8625224;2L:+:8625180-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_6118	HAAIASPLLLNRPFVFEDKPLVVQYEVNLQEGQECGGSYIK	AGAP005032-PA,AGAP005032-PB	C35(Carbamidomethyl)	147	5.57E-15	1	4629.420	8.31	Malpighian tubule	2L:+:8624175-8624297;2L:+:8624175-8624297	exon=> In CDS Exon 2 of transcript AGAP005032-PA;exon=> In CDS Exon 2 of transcript AGAP005032-PB
JHU_Ag_8365	KIPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	46	0.000315743	1	1835.936	2.01	Pupa	2L:+:8625180-8625224;2L:+:8625180-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_13158	IPDPEATKPDDWNEDEPAQIPDPK	AGAP005032-PA,AGAP005032-PB	-	96	3.28E-09	1	2717.258	0.07	Pupa	2L:+:8624856-8624927;2L:+:8624856-8624927	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_14392	KDDAAEEVAK	AGAP005032-PA,AGAP005032-PB	-	53	8.30E-05	2	1075.530	3.52	Salivary gland	2L:+:8624061-8624090;2L:+:8624061-8624090	exon=> In CDS Exon 2 of transcript AGAP005032-PA;exon=> In CDS Exon 2 of transcript AGAP005032-PB
JHU_Ag_14567	LNAAATGSSGSR	AGAP005032-PA,AGAP005032-PB	-	63	9.46E-06	2	1091.546	1.98	Salivary gland	2L:+:8626747-8626782;2L:+:8626747-8626782	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB

JHU_Ag_17056	LNAAATGSSGSR	AGAP005032-PA,AGAP005032-PB	-	62	1.17E-05	2	1091.542	-1.71	Head	2L:+:8626747-8626782;2L:+:8626747-8626782	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_19730	WRPPLIANVNYQGK	AGAP005032-PA,AGAP005032-PB	-	42	0.000434769	2	1655.912	6.39	Malpighian tubule	2L:+:8625126-8625167;2L:+:8625126-8625167	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_20658	WRPPLIANVNYQGK	AGAP005032-PA,AGAP005032-PB	-	48	0.000120798	2	1655.903	1.08	Ovary	2L:+:8625126-8625167;2L:+:8625126-8625167	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_27846	APMVPNPNYKGK	AGAP005032-PA,AGAP005032-PB	-	45	0.000500159	1	1315.691	6	Malpighian tubule	2L:+:8625090-8625125;2L:+:8625090-8625125	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_28231	KIPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	83	6.98E-08	1	1835.937	2.28	Head	2L:+:8625180-8625224;2L:+:8625180-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_28587	KPENWDDR	AGAP005032-PA,AGAP005032-PB	N4(Deamidated)	43	0.000271646	2	1060.469	-0.06	Malpighian tubule	2L:+:8624826-8624849;2L:+:8624826-8624849	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_30102	SASSAGEAYAENEDER	AGAP005032-PA,AGAP005032-PB	-	120	3.20E-12	1	1685.689	0.32	Head	2L:+:8626783-8626830;2L:+:8626783-8626830	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_32867	TPYTIMFGPDK	AGAP005032-PA,AGAP005032-PB	M6(Oxidation)	64	5.56E-06	1	1269.618	-0.47	Head	2L:+:8624424-8624456;2L:+:8624424-8624456	exon=> In CDS Exon 3 of transcript AGAP005032-PA;exon=> In CDS Exon 3 of transcript AGAP005032-PB
JHU_Ag_33305	KPENWDDR	AGAP005032-PA,AGAP005032-PB	N4(Deamidated)	45	0.000243389	2	1060.482	12.26	Male reproductive organs	2L:+:8624826-8624849;2L:+:8624826-8624849	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_34948	IPDPEATKPDDWNEDEPAQIPDPK	AGAP005032-PA,AGAP005032-PB	-	101	9.00E-10	1	2717.261	1.08	Visceras	2L:+:8624856-8624927;2L:+:8624856-8624927	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_35538	TPYTIMFGPDK	AGAP005032-PA,AGAP005032-PB	M6(Oxidation)	76	2.95E-07	1	1269.619	0.68	Midgut	2L:+:8624424-8624456;2L:+:8624424-8624456	exon=> In CDS Exon 3 of transcript AGAP005032-PA;exon=> In CDS Exon 3 of transcript AGAP005032-PB
JHU_Ag_36530	KIPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	N4(Deamidated)	61	9.23E-06	2	1835.944	6.07	Midgut	2L:+:8625180-8625224;2L:+:8625180-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_39794	RPHLYQLIIRPDNTYTIR	AGAP005032-PA,AGAP005032-PB	-	66	1.03E-06	1	2269.259	0.98	Ovary	2L:+:8624679-8624732;2L:+:8624679-8624732	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_39879	WRPPLIANVNYQGK	AGAP005032-PA,AGAP005032-PB	-	71	5.95E-07	1	1655.904	1.62	Head	2L:+:8625126-8625167;2L:+:8625126-8625167	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_49820	KNDDYPAPEQEQDELVGGAGEEAEDDGR	AGAP005032-PA,AGAP005032-PB	-	35	0.001294939	1	3033.282	-0.39	Ovary	2L:+:8626648-8626731;2L:+:8626648-8626731	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_50849	KIPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	45	0.000448683	2	1835.938	3.08	Visceras	2L:+:8625180-8625224;2L:+:8625180-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_53975	GKWRPPLIANVNYQGK	AGAP005032-PA,AGAP005032-PB	-	49	6.47E-05	1	1841.026	4.49	Malpighian tubule	2L:+:8625120-8625167;2L:+:8625120-8625167	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_56717	IPDPEATKPDDWNEDEPAQIPDPK	AGAP005032-PA,AGAP005032-PB	-	95	3.85E-09	1	2717.258	-0.07	Midgut	2L:+:8624856-8624927;2L:+:8624856-8624927	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB

JHU_Ag_59620	IPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	88	2.55E-08	1	1707.841	2.02	Salivary gland	2L:+:8625183-8625224;2L:+:8625183-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_60122	MYFAEHFDDLFDGASDAIEKR	AGAP005032-PA,AGAP005032-PB	M1(Oxidation)	39	0.001280936	1	2493.100	-1.24	Midgut	2L:+:8623977-8624039;2L:+:8623977-8624039	exon=> In CDS Exon 2 of transcript AGAP005032-PA;exon=> In CDS Exon 2 of transcript AGAP005032-PB
JHU_Ag_60656	KPENWDDR	AGAP005032-PA,AGAP005032-PB	N4(Deamidated)	37	0.00111174	1	1060.469	-0.33	Midgut	2L:+:8624826-8624849;2L:+:8624826-8624849	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_65170	WRPPLIANVNYQGK	AGAP005032-PA,AGAP005032-PB	-	69	9.25E-07	1	1655.907	3.14	Pupa	2L:+:8625126-8625167;2L:+:8625126-8625167	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_71096	TKLNAAATGSSGSR	AGAP005032-PA,AGAP005032-PB	-	39	0.00193878	2	1320.689	2.04	Malpighian tubule	2L:+:8626741-8626782;2L:+:8626741-8626782	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_71865	LLSVGDGTK	AGAP005032-PA,AGAP005032-PB	-	45	0.000473085	1	889.501	1.91	Head	2L:+:8624298-8624324;2L:+:8624298-8624324	exon=> In CDS Exon 2 of transcript AGAP005032-PA;exon=> In CDS Exon 2 of transcript AGAP005032-PB
JHU_Ag_74045	KNDDYPAPEQEQDELVGGAGEEAEDDGR	AGAP005032-PA,AGAP005032-PB	-	127	9.63E-13	1	3033.289	2.08	Head	2L:+:8626648-8626731;2L:+:8626648-8626731	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_76082	NDDYPAPEQEQDELVGGAGEEAEDDGR	AGAP005032-PA,AGAP005032-PB	-	80	2.38E-08	2	2905.193	1.86	Head	2L:+:8626651-8626731;2L:+:8626651-8626731	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_84188	IPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	45	0.000599169	2	1707.837	-0.19	Ovary	2L:+:8625183-8625224;2L:+:8625183-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_85117	RPHLYQLIIRPDNTYTIR	AGAP005032-PA,AGAP005032-PB	-	40	0.000365841	1	2269.264	3.35	Larva	2L:+:8624679-8624732;2L:+:8624679-8624732	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_86052	WRPPLIANVNYQGK	AGAP005032-PA,AGAP005032-PB	-	64	3.56E-06	1	1655.903	0.52	Salivary gland	2L:+:8625126-8625167;2L:+:8625126-8625167	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_90645	KPENWDDR	AGAP005032-PA,AGAP005032-PB	N4(Deamidated)	62	2.99E-06	2	1060.471	1.67	Salivary gland	2L:+:8624826-8624849;2L:+:8624826-8624849	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_92144	IPDPEATKPDDWNEDEPAQIPDPK	AGAP005032-PA,AGAP005032-PB	-	48	0.00020078	1	2717.279	7.82	Salivary gland	2L:+:8624856-8624927;2L:+:8624856-8624927	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_98152	KIPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	53	7.27E-05	2	1835.939	3.34	Ovary	2L:+:8625180-8625224;2L:+:8625180-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_98389	IPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	103	7.76E-10	1	1707.844	3.38	Head	2L:+:8625183-8625224;2L:+:8625183-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_102847	KPENWDDR	AGAP005032-PA,AGAP005032-PB	N4(Deamidated)	39	0.000630962	1	1060.469	-0.63	Ovary	2L:+:8624826-8624849;2L:+:8624826-8624849	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_104947	IPDPEATKPDDWNEDEPAQIPDPK	AGAP005032-PA,AGAP005032-PB	-	96	2.98E-09	1	2717.264	2.29	Head	2L:+:8624856-8624927;2L:+:8624856-8624927	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_104977	WRPPLIANVNYQGK	AGAP005032-PA,AGAP005032-PB	-	75	2.68E-07	1	1655.903	0.52	Midgut	2L:+:8625126-8625167;2L:+:8625126-8625167	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB

JHU_Ag_105061	RPHLYQLIIRPDNTYTIR	AGAP005032-PA,AGAP005032-PB	-	45	0.000121558	1	2269.257	0.44	Head	2L:+:8624679-8624732;2L:+:8624679-8624732	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_108876	KIPNPDFFEDLTPFR	AGAP005032-PA,AGAP005032-PB	-	48	0.00020855	1	1835.942	5.2	Malpighian tubule	2L:+:8625180-8625224;2L:+:8625180-8625224	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_111089	YDGEWAVEQPQRPILSNDYGLVLK	AGAP005032-PA,AGAP005032-PB	-	71	1.02E-06	1	2790.411	0.5	Midgut	2L:+:8624091-8624162;2L:+:8624091-8624162	exon=> In CDS Exon 2 of transcript AGAP005032-PA;exon=> In CDS Exon 2 of transcript AGAP005032-PB
JHU_Ag_115904	IPDPEATKPDDWNEDEPAQIPDPK	AGAP005032-PA,AGAP005032-PB	-	53	6.10E-05	1	2717.271	4.92	Malpighian tubule	2L:+:8624856-8624927;2L:+:8624856-8624927	exon=> In CDS Exon 4 of transcript AGAP005032-PA;exon=> In CDS Exon 4 of transcript AGAP005032-PB
JHU_Ag_116021	KNDDYPAPEQEQDELVGGAGEEAEDDGR	AGAP005032-PA,AGAP005032-PB	-	45	0.000150716	1	3033.299	5.22	Malpighian tubule	2L:+:8626648-8626731;2L:+:8626648-8626731	exon=> In CDS Exon 7 of transcript AGAP005032-PA;exon=> In CDS Exon 7 of transcript AGAP005032-PB
JHU_Ag_116745	MYFAEHFDDLFDGASDAIEK	AGAP005032-PA,AGAP005032-PB	M1(Oxidation)	37	0.001349856	3	2337.016	5.91	Head	2L:+:8623977-8624036;2L:+:8623977-8624036	exon=> In CDS Exon 2 of transcript AGAP005032-PA;exon=> In CDS Exon 2 of transcript AGAP005032-PB
JHU_Ag_114094	TLDRQAETFVSR	AGAP005032-PB	-	74	4.90E-07	1	1422.739	3.64	Malpighian tubule	2L:+:8625434-8625451,8626089-8626106	exon=> In CDS Exon 5 and 6 of transcript AGAP005032-PB
JHU_Ag_13653	ATLLTFIGR	AGAP005033-PA	-	46	0.000113566	2	991.596	2.04	Ovary	2L:-:8635348-8635322	exon=> In CDS Exon 1 of transcript AGAP005033-PA
JHU_Ag_40978	MTGNVAIVFLSQAFHVLQSEK	AGAP005033-PA	M1(Oxidation)	87	1.69E-08	1	2335.225	5.64	Ovary	2L:-:8633927-8633865	exon=> In CDS Exon 2 of transcript AGAP005033-PA
JHU_Ag_44123	TISSDLLLILTR	AGAP005033-PA	-	34	0.000602726	2	1344.815	4.17	Ovary	2L:-:8634493-8634458	exon=> In CDS Exon 1 of transcript AGAP005033-PA
JHU_Ag_44456	LLGDALSPTVSQLIR	AGAP005033-PA	-	71	2.43E-07	1	1582.925	5.75	Ovary	2L:-:8637448-8637404	exon=> In CDS Exon 1 of transcript AGAP005033-PA
JHU_Ag_51557	TLVAECIETLLK	AGAP005033-PA	C6(Carbamidomethyl)	43	0.000298704	1	1389.773	5.23	Ovary	2L:-:8630820-8630785	exon=> In CDS Exon 4 of transcript AGAP005033-PA
JHU_Ag_74572	LLFELLHGVQEQFHATAK	AGAP005033-PA	-	40	0.000604053	1	2081.128	5.03	Ovary	2L:-:8637820-8637767	exon=> In CDS Exon 1 of transcript AGAP005033-PA
JHU_Ag_81014	TLLNFLAALQTEIAPMKK	AGAP005033-PA	M16(Oxidation)	52	1.24E-05	1	2018.148	5.97	Ovary	2L:-:8635165-8635112	exon=> In CDS Exon 1 of transcript AGAP005033-PA
JHU_Ag_87455	ILLQIFDR	AGAP005033-PA	-	36	0.000592843	2	1017.613	3.95	Ovary	2L:-:8634113-8634090	exon=> In CDS Exon 2 of transcript AGAP005033-PA
JHU_Ag_104769	TIVNYLLPIVSHYICHDEYKK	AGAP005033-PA	C15(Carbamidomethyl)	49	0.000140929	1	2605.359	4.22	Ovary	2L:-:8633417-8633355	exon=> In CDS Exon 2 of transcript AGAP005033-PA
JHU_Ag_112823	VSLLNLLFPILAR	AGAP005033-PA	-	49	5.47E-06	1	1468.930	3.59	Ovary	2L:-:8634394-8634356	exon=> In CDS Exon 1 of transcript AGAP005033-PA
JHU_Ag_53763	DSGVADTIAYDNIVLK	AGAP005034-PA	-	44	0.000519145	2	1693.870	3.27	Head	2L:-:8646838-8646791	exon=> In CDS Exon 3 of transcript AGAP005034-PA
JHU_Ag_56592	QQPKILLK	AGAP005036-PA,AGAP012760-PA	Q1(Deamidated),Q2(Deamidated)	22	0.004206427	1	968.617	3.23	Visceras	2L:-:8661545-8661522;UNKN:+:27675149-27675172	exon=> In CDS Exon 1 of transcript AGAP005036-PA;exon=> In CDS Exon 1 of transcript AGAP012760-PA
JHU_Ag_87345	QQPKILLK	AGAP005036-PA,AGAP012760-PA	Q1(Deamidated),Q2(Deamidated)	21	0.005115798	1	968.615	1.15	Head	2L:-:8661545-8661522;UNKN:+:27675149-27675172	exon=> In CDS Exon 1 of transcript AGAP005036-PA;exon=> In CDS Exon 1 of transcript AGAP012760-PA
JHU_Ag_20332	SSLPVVR	AGAP005037-PA,AGAP005037-PB	-	39	0.001762401	2	757.466	12.5	Head	2L:-:8697889-8697869;2L:-:8697889-8697869	exon=> In CDS Exon 4 of transcript AGAP005037-PA;exon=> In CDS Exon 4 of transcript AGAP005037-PB

JHU_Ag_30560	TPYYVGTTQTLPR	AGAP005037-PA,AGAP005037-PB	-	67	2.99E-06	2	1496.774	-0.29	Head	2L:-:8685726-8685688;2L:-:8685726-8685688	exon=> In CDS Exon 7 of transcript AGAP005037-PA;exon=> In CDS Exon 7 of transcript AGAP005037-PB
JHU_Ag_55019	DLADLESSVEGLR	AGAP005037-PA,AGAP005037-PB	-	79	2.51E-07	2	1403.702	0.43	Head	2L:-:8679907-8679869;2L:-:8679907-8679869	exon=> In CDS Exon 15 of transcript AGAP005037-PA;exon=> In CDS Exon 14 of transcript AGAP005037-PB
JHU_Ag_93085	TLERPLGLVFLQYR	AGAP005037-PA,AGAP005037-PB	-	43	0.000108198	1	1704.981	0.95	Head	2L:-:8697856-8697815;2L:-:8697856-8697815	exon=> In CDS Exon 4 of transcript AGAP005037-PA;exon=> In CDS Exon 4 of transcript AGAP005037-PB
JHU_Ag_95520	ALLPNEITSIDTVR	AGAP005037-PA,AGAP005037-PB	-	45	0.000194946	2	1541.858	3.26	Head	2L:-:8697799-8697758;2L:-:8697799-8697758	exon=> In CDS Exon 4 of transcript AGAP005037-PA;exon=> In CDS Exon 4 of transcript AGAP005037-PB
JHU_Ag_69689	TGEWQLWIK	AGAP005038-PA	-	58	2.78E-05	2	1160.610	0.41	Pupa	2L:+:8694389-8694415	exon=> In CDS Exon 4 of transcript AGAP005038-PA
JHU_Ag_84952	INLASNGAQQNSGTLGIPTK	AGAP005038-PA	N6(Deamidated)	80	1.31E-07	1	1985.030	0.21	Pupa	2L:+:8695096-8695155	exon=> In CDS Exon 6 of transcript AGAP005038-PA
JHU_Ag_1704	DLGELLER	AGAP005042-PA	-	42	0.001012786	1	944.506	1.05	Malpighian tubule	2L:+:8754358-8754381	exon=> In CDS Exon 4 of transcript AGAP005042-PA
JHU_Ag_22480	NALNIVK	AGAP005042-PA	N4(Deamidated)	35	0.002440535	1	772.455	-1.43	Midgut	2L:+:8753257-8753277	exon=> In CDS Exon 4 of transcript AGAP005042-PA
JHU_Ag_35418	DTTGGGAQITELTGDEATVEPK	AGAP005042-PA	-	78	2.44E-07	1	2190.043	1.06	Head	2L:+:8754292-8754357	exon=> In CDS Exon 4 of transcript AGAP005042-PA
JHU_Ag_45485	NPSEVLDSFPVCQNHLLCICTVR	AGAP005042-PA	C12(Carbamidomethyl), C18(Carbamidomethyl), C20(Carbamidomethyl)	68	2.46E-06	1	2758.321	3.7	Head	2L:+:8754499-8754567	exon=> In CDS Exon 4 of transcript AGAP005042-PA
JHU_Ag_53929	AAHEVLDSVDTK	AGAP005042-PA	-	58	1.62E-05	1	1284.646	2.21	Head	2L:+:8755022-8755057	exon=> In CDS Exon 6 of transcript AGAP005042-PA
JHU_Ag_57085	YGGVSAQSQAHGTASLLPAMPEGR	AGAP005042-PA	M20(Oxidation)	56	3.46E-05	1	2401.163	2.54	Head	2L:+:8753716-8753787	exon=> In CDS Exon 4 of transcript AGAP005042-PA
JHU_Ag_57848	FANAQLSFHGHR	AGAP005042-PA	-	41	0.001200474	2	1384.684	-2.21	Head	2L:+:8755984-8756019	exon=> In CDS Exon 8 of transcript AGAP005042-PA
JHU_Ag_92404	VEEVDSATAAPADAMATSSTAK	AGAP005042-PA	M15(Oxidation)	78	2.12E-07	2	2138.979	1.47	Head	2L:+:8752165-8752230	exon=> In CDS Exon 1 of transcript AGAP005042-PA
JHU_Ag_95668	LLETEDLAEQENK	AGAP005042-PA	-	90	1.68E-08	2	1531.751	1.21	Head	2L:+:8751700-8751738	exon=> In CDS Exon 1 of transcript AGAP005042-PA
JHU_Ag_97413	SGHASNILVLSK	AGAP005042-PA	-	39	0.000715201	2	1225.684	-4.66	Head	2L:+:8753899-8753934	exon=> In CDS Exon 4 of transcript AGAP005042-PA
JHU_Ag_116812	LANLLFFNYSMNTAK	AGAP005045-PA	M11(Oxidation)	70	1.48E-06	2	1762.898	8.18	Larva	2L:+:8789290-8789334	exon=> In CDS Exon 3 of transcript AGAP005045-PA
JHU_Ag_595	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	-	70	1.34E-06	1	1294.643	0.26	Male reproductive organs	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_3434	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	-	74	6.58E-07	1	1294.646	2.52	Midgut	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_8807	YLKYLTR	AGAP005046-PA,AGAP005046-PB	-	41	0.000593863	1	956.561	5.03	Malpighian tubule	2L:+:8793018-8793038;2L:+:8793018-8793038	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB

JHU_Ag_21762	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	57	2.59E-05	1	1450.760	4.05	Visceras	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_27756	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	106	4.69E-10	1	1250.611	-0.86	Midgut	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_28636	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	106	4.65E-10	1	1250.613	0.31	Salivary gland	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_33821	VYVNSDVHFSKR	AGAP005046-PA,AGAP005046-PB	-	87	2.75E-08	1	1450.746	1.37	Malpighian tubule	2L:+:8792982-8793017;2L:+:8792982-8793017	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_35589	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	95	4.81E-09	1	1250.615	1.97	Malpighian tubule	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_36417	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	51	0.000101421	1	1450.754	0.52	Male reproductive organs	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_40843	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	92	1.10E-08	1	1250.615	1.78	Ovary	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_43838	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	-	53	9.17E-05	1	1294.646	2.33	Larva	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_47375	ISSNDDDEEENE	AGAP005046-PA,AGAP005046-PB	-	49	4.65E-06	2	1395.503	0.28	Ovary	2L:+:8793123-8793158;2L:+:8793123-8793158	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_49731	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	99	1.91E-09	1	1250.614	1.58	Visceras	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_50189	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	-	54	7.26E-05	1	1294.645	1.87	Salivary gland	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_55079	AGNLGSNVSFERQK	AGAP005046-PA,AGAP005046-PB	-	111	1.45E-10	1	1506.771	3.1	Malpighian tubule	2L:+:8792934-8792975;2L:+:8792934-8792975	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_55566	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	86	3.25E-08	1	1450.755	0.85	Ovary	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_60529	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	74	5.70E-07	2	1450.757	2.03	Larva	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_70801	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	-	90	1.52E-08	1	1294.645	2.14	Malpighian tubule	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_78630	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	-	70	1.51E-06	1	1294.646	2.71	Visceras	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_79877	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	94	5.87E-09	1	1250.612	-0.27	Head	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_82027	YFRISSNDDDEEENE	AGAP005046-PA,AGAP005046-PB	-	82	1.26E-08	1	1861.742	3.45	Malpighian tubule	2L:+:8793114-8793158;2L:+:8793114-8793158	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB

JHU_Ag_84254	ISSNDDDEEENE	AGAP005046-PA,AGAP005046-PB	-	64	1.32E-07	2	1395.505	1.59	Malpighian tubule	2L:+:8793123-8793158;2L:+:8793123-8793158	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_88661	VYVNSDVHFSKR	AGAP005046-PA,AGAP005046-PB	-	44	0.000643973	1	1450.747	2.11	Larva	2L:+:8792982-8793017;2L:+:8792982-8793017	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_92762	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	N4(Deamidated)	91	1.37E-08	1	1294.647	2.99	Ovary	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_95966	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	81	1.06E-07	1	1450.755	0.94	Salivary gland	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_99983	VYVNSDVHFSK	AGAP005046-PA,AGAP005046-PB	-	93	7.42E-09	1	1294.645	1.95	Head	2L:+:8792982-8793014;2L:+:8792982-8793014	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_100185	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	86	3.17E-08	1	1450.757	2.03	Malpighian tubule	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_100258	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	77	2.71E-07	2	1450.755	1.19	Pupa	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_110071	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	68	2.65E-06	1	1250.613	0.21	Male reproductive organs	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_112470	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	80	1.50E-07	1	1250.614	0.99	Pupa	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_113568	VVSNDKDLYELR	AGAP005046-PA,AGAP005046-PB	-	83	7.73E-08	1	1450.754	0.1	Head	2L:+:8793078-8793113;2L:+:8793078-8793113	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_114325	AGNLGSNVSFER	AGAP005046-PA,AGAP005046-PB	-	76	4.04E-07	1	1250.617	3.24	Larva	2L:+:8792934-8792969;2L:+:8792934-8792969	exon=> In CDS Exon 2 of transcript AGAP005046-PA;exon=> In CDS Exon 3 of transcript AGAP005046-PB
JHU_Ag_4509	YGIDCTNIAEDNIMDVADFEK	AGAP005046-PB	C5(Carbamidomethyl),M14(Oxidation),C5(Carbamidomethyl)	117	1.24E-11	2	2449.059	2.4	Head	2L:+:8792746-8792802,8792895-8792900	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_10094	YGIDCTNIAEDNIMDVADFEKYLK	AGAP005046-PB	C5(Carbamidomethyl),M14(Oxidation)	138	1.84E-13	1	2853.307	3.92	Malpighian tubule	2L:+:8792746-8792802,8792895-8792909	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_12728	YGIDCTNIAEDNIMDVADFEK	AGAP005046-PB	C5(Carbamidomethyl),M14(Oxidation)	189	8.01E-19	1	2449.056	1	Ovary	2L:+:8792746-8792802,8792895-8792900	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_24686	YGIDCTNIAEDNIMDVADFEK	AGAP005046-PB	C5(Carbamidomethyl),M14(Oxidation),C5(Carbamidomethyl)	181	6.23E-18	1	2433.065	2.53	Malpighian tubule	2L:+:8792746-8792802,8792895-8792900	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_26920	YGIDCTNIAEDNIMDVADFEK	AGAP005046-PB	C5(Carbamidomethyl),M14(Oxidation)	108	1.02E-10	2	2449.059	2.4	Larva	2L:+:8792746-8792802,8792895-8792900	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_27419	TKPAAQKPAQK	AGAP005046-PB	-	52	2.43E-05	1	1167.685	0.32	Ovary	2L:+:8792662-8792694	exon=> In CDS Exon 2 of transcript AGAP005046-PB
JHU_Ag_73520	REHLR	AGAP005046-PB	-	33	0.003177228	2	710.408	2.79	Ovary	2L:+:8792731-8792745	exon=> In CDS Exon 2 of transcript AGAP005046-PB
JHU_Ag_86827	TKPAAQKPAQKNVLR	AGAP005046-PB	-	35	0.000297662	1	1649.981	0.26	Malpighian tubule	2L:+:8792662-8792706	exon=> In CDS Exon 2 of transcript AGAP005046-PB

JHU_Ag_98235	YGIDCTNIAEDNIMDVADFEK	AGAP005046-PB	C5(Carbamidomethyl), M14(Oxidation)	149	7.07E-15	1	2449.057	1.4	Salivary gland	2L:+:8792746-8792802,8792895-8792900	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_99184	YGIDCTNIAEDNIMDVADFEK	AGAP005046-PB	C5(Carbamidomethyl), M14(Oxidation)	114	2.57E-11	2	2449.056	1	Male reproductive organs	2L:+:8792746-8792802,8792895-8792900	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_114962	YGIDCTNIAEDNIMDVADFEK	AGAP005046-PB	C5(Carbamidomethyl), M14(Oxidation),C5(Carbamidomethyl)	153	3.45E-15	2	2433.057	-0.58	Midgut	2L:+:8792746-8792802,8792895-8792900	exon=> In CDS Exon 2 and 3 of transcript AGAP005046-PB
JHU_Ag_103835	HLELLK	AGAP005048-PA	-	25	0.004296631	1	752.463	-4.78	Head	2L:+:8820141-8820158	exon=> In CDS Exon 2 of transcript AGAP005048-PA
JHU_Ag_28025	IEDLNLPNTSVTR	AGAP005051-PA,AGAP012825-PA	-	38	0.001818521	1	1471.773	-1.55	Male reproductive organs	2L:-:8824524-8824486;UNKN:+:32088470-32088508	exon=> In CDS Exon 1 of transcript AGAP005051-PA;exon=> In CDS Exon 1 of transcript AGAP012825-PA
JHU_Ag_97654	ATSVFVLYLTSAATTAAQQK	AGAP005051-PA,AGAP012825-PA	-	86	1.87E-08	1	2071.110	1.48	Ovary	2L:-:8824419-8824360;UNKN:+:32088575-32088634	exon=> In CDS Exon 1 of transcript AGAP005051-PA;exon=> In CDS Exon 1 of transcript AGAP012825-PA
JHU_Ag_4017	VQDNWAFLFAQK	AGAP005052-PA	-	74	6.40E-07	2	1466.748	3.73	Ovary	2L:+:8825412-8825447	exon=> In CDS Exon 2 of transcript AGAP005052-PA
JHU_Ag_17312	FNVNAFVVR	AGAP005052-PA	-	40	0.000683775	2	1065.587	2.63	Ovary	2L:+:8826642-8826668	exon=> In CDS Exon 2 of transcript AGAP005052-PA
JHU_Ag_44283	NLPTYLTPFPPLVK	AGAP005052-PA	-	30	0.003352445	1	1599.922	4.61	Ovary	2L:+:8825835-8825876	exon=> In CDS Exon 2 of transcript AGAP005052-PA
JHU_Ag_86597	SILDFDFNK	AGAP005052-PA	-	51	9.74E-05	2	1098.546	-0.86	Ovary	2L:+:8825301-8825327	exon=> In CDS Exon 2 of transcript AGAP005052-PA
JHU_Ag_13070	ILVSDAETAVEK	AGAP005057-PA	-	109	2.12E-10	1	1274.685	0.86	Head	2L:+:8910847-8910882	exon=> In CDS Exon 8 of transcript AGAP005057-PA
JHU_Ag_37204	DATGTVAVGEIVTELHKPQEELATAVSK	AGAP005057-PA	-	162	5.42E-16	1	2893.518	0.98	Head	2L:+:8911039-8911066,8911148-8911203	exon=> In CDS Exon 9 and 10 of transcript AGAP005057-PA
JHU_Ag_66463	ATATGHR	AGAP005057-PA	N-Term(Acetyl)	50	6.05E-05	2	755.380	0.97	Head	2L:+:8894166-8894186	exon=> In CDS Exon 1 of transcript AGAP005057-PA
JHU_Ag_78334	AIPQPGSIHGGDRPQSAPR	AGAP005057-PA	-	39	0.001462747	1	1941.005	0.01	Head	2L:+:8896309-8896365	exon=> In CDS Exon 3 of transcript AGAP005057-PA
JHU_Ag_103419	ETTSEVNATEDK	AGAP005057-PA	-	74	4.36E-07	1	1323.591	0.1	Head	2L:+:8910413-8910448	exon=> In CDS Exon 7 of transcript AGAP005057-PA
JHU_Ag_526	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	50	0.000273412	1	888.477	-1.99	Midgut	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_1111	VNHRIPSVFSK	AGAP005061-PB,AGAP005061-PA	-	72	4.10E-07	1	1283.722	0.42	Malpighian tubule	2L:+:9150988-9151020;2L:+:9150988-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_2507	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	50	7.41E-05	2	919.536	-0.55	Head	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_2567	IPSVFSK	AGAP005061-PB,AGAP005061-PA	-	34	0.002743613	1	777.450	-0.54	Midgut	2L:+:9151000-9151020;2L:+:9151000-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_2849	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	M1(Oxidation)	57	1.02E-05	2	1207.687	0.42	Pupa	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_4978	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	55	4.99E-05	1	921.470	2.28	Visceras	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA

JHU_Ag_6793	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	N5(Deamidated)	67	1.37E-06	1	1031.600	0.68	Male reproductive organs	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_7518	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	50	9.34E-05	1	1031.598	-1.22	Head	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_8278	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	47	0.000449892	1	888.478	-0.49	Salivary gland	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_9096	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	N5(Deamidated)	68	1.42E-06	2	1031.598	-1.93	Midgut	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_11902	ELLTLEEK	AGAP005061-PB,AGAP005061-PA	-	37	0.002667972	2	974.543	2.33	Head	2L:+:9151162-9151185;2L:+:9151162-9151185	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_14618	IPSVFSK	AGAP005061-PB,AGAP005061-PA	-	37	0.000940263	1	777.450	-1.01	Head	2L:+:9151000-9151020;2L:+:9151000-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_15933	ELLTLEEK	AGAP005061-PB,AGAP005061-PA	-	42	0.000690528	1	974.543	2.66	Larva	2L:+:9151162-9151185;2L:+:9151162-9151185	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_16800	RLQTQVFK	AGAP005061-PB,AGAP005061-PA	-	36	0.00157178	1	1019.599	-1.16	Salivary gland	2L:+:9151535-9151558;2L:+:9151535-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_17281	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	53	7.42E-05	1	921.467	-0.55	Midgut	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_17422	RLFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	42	0.000356777	1	1187.702	0.86	Visceras	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_18980	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	45	0.000428308	1	921.471	3.14	Larva	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_18982	LQTQVFK	AGAP005061-PB,AGAP005061-PA	-	42	0.000524192	2	863.499	-0.05	Midgut	2L:+:9151538-9151558;2L:+:9151538-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_20032	VKYTLAK	AGAP005061-PB,AGAP005061-PA	-	30	0.001518619	2	822.511	2.92	Malpighian tubule	2L:+:9151123-9151143;2L:+:9151123-9151143	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_20088	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	49	0.000170302	1	921.468	0.82	Male reproductive organs	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA

JHU_Ag_20469	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	45	0.000214482	1	948.552	0.76	Ovary	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_21007	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	48	0.000100967	1	948.554	2.69	Malpighian tubule	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_22722	RLFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	38	0.000947101	2	1187.701	-0.07	Pupa	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_22933	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	57	4.91E-05	1	888.479	1.02	Head	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_23545	LQTQVFK	AGAP005061-PB,AGAP005061-PA	-	38	0.001133193	1	863.500	2.15	Salivary gland	2L:+:9151538-9151558;2L:+:9151538-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_23705	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	45	0.000208844	1	919.538	2.57	Salivary gland	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_23907	RLFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	50	5.38E-05	2	1187.702	1.37	Head	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_25108	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	M1(Oxidation)	59	6.28E-06	1	1223.682	-0.12	Midgut	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_27206	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	50	6.48E-05	1	919.537	1.05	Malpighian tubule	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_32483	IPSVFSK	AGAP005061-PB,AGAP005061-PA	-	38	0.001289208	2	777.451	0.07	Male reproductive organs	2L:+:9151000-9151020;2L:+:9151000-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_36239	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	56	1.39E-05	2	919.539	3.17	Midgut	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_38806	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	60	2.36E-05	1	888.480	1.11	Pupa	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_39500	ELLTLEEK	AGAP005061-PB,AGAP005061-PA	-	42	0.001071613	2	974.541	0.14	Pupa	2L:+:9151162-9151185;2L:+:9151162-9151185	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_39557	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	52	0.000170536	1	888.477	-1.59	Ovary	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_40698	RLQTQVFK	AGAP005061-PB,AGAP005061-PA	-	31	0.004110313	1	1019.598	-1.88	Visceras	2L:+:9151535-9151558;2L:+:9151535-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA

JHU_Ag_41198	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	N5(Deamidated)	61	7.81E-06	2	1032.583	-0.87	Pupa	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_41971	IPSVFSK	AGAP005061-PB,AGAP005061-PA	-	31	0.005386701	1	777.451	0.72	Pupa	2L:+:9151000-9151020;2L:+:9151000-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_44964	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	66	1.70E-06	2	948.552	0.24	Midgut	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_45475	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	49	0.000172274	1	921.469	1.16	Ovary	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_45792	RLFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	56	1.44E-05	1	1187.702	1.17	Male reproductive organs	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_46547	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	M1(Oxidation)	60	6.18E-06	1	1223.683	1.07	Ovary	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_47859	RLQTQVFK	AGAP005061-PB,AGAP005061-PA	-	31	0.005307318	1	1019.601	0.93	Malpighian tubule	2L:+:9151535-9151558;2L:+:9151535-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_49683	LQTQVFK	AGAP005061-PB,AGAP005061-PA	-	40	0.000676377	2	863.500	1.93	Larva	2L:+:9151538-9151558;2L:+:9151538-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_52115	RLFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	62	3.16E-06	2	1187.701	-0.17	Ovary	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_53098	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	45	0.000413256	1	921.469	1.02	Pupa	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_53585	RLQTQVFK	AGAP005061-PB,AGAP005061-PA	-	32	0.003474362	1	1019.600	0.46	Head	2L:+:9151535-9151558;2L:+:9151535-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_54109	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	62	4.05E-06	2	948.555	3.91	Larva	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_55678	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	48	0.000107781	1	919.537	1.31	Visceras	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_56966	VNHRIPSVFSK	AGAP005061-PB,AGAP005061-PA	-	43	0.000338747	1	1283.722	0.03	Salivary gland	2L:+:9150988-9151020;2L:+:9150988-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_57320	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	56	5.90E-05	1	888.480	1.78	Visceras	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA

JHU_Ag_64219	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	51	5.55E-05	1	1031.602	2.45	Malpighian tubule	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_67525	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	M1(Oxidation)	63	2.61E-06	1	1223.684	1.67	Visceras	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_69063	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	54	2.58E-05	1	948.551	-0.34	Male reproductive organs	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_69327	IPSVFSK	AGAP005061-PB,AGAP005061-PA	-	43	0.000373528	2	777.450	-0.08	Salivary gland	2L:+:9151000-9151020;2L:+:9151000-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_69526	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	59	1.11E-05	1	1031.598	-1.93	Salivary gland	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_69531	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	53	4.48E-05	1	1031.600	-0.03	Ovary	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_69765	RLFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	34	0.002230471	2	1187.700	-0.38	Salivary gland	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_70772	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	50	6.60E-05	1	919.535	-0.75	Male reproductive organs	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_70984	RLQTQVFK	AGAP005061-PB,AGAP005061-PA	-	35	0.001924827	1	1019.599	-0.32	Pupa	2L:+:9151535-9151558;2L:+:9151535-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_71286	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	38	0.000798661	1	919.539	3.04	Larva	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_71843	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	49	8.65E-05	2	948.553	1.72	Visceras	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_72051	IEDFLERR	AGAP005061-PB,AGAP005061-PA	-	49	0.000215536	1	1077.568	-0.81	Male reproductive organs	2L:+:9151514-9151537;2L:+:9151514-9151537	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_72981	ELLTLEEK	AGAP005061-PB,AGAP005061-PA	-	42	0.000757631	2	974.541	0.83	Visceras	2L:+:9151162-9151185;2L:+:9151162-9151185	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_74213	LQTQVFK	AGAP005061-PB,AGAP005061-PA	-	32	0.004661125	1	863.499	0.89	Pupa	2L:+:9151538-9151558;2L:+:9151538-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA

JHU_Ag_76132	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	50	6.35E-05	1	919.537	0.91	Ovary	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_80544	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	36	0.003445237	1	921.469	1.75	Malpighian tubule	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_87463	RLFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	47	0.000114764	2	1187.704	2.3	Larva	2L:+:9151195-9151207,9151431-9151447;2L:+:9151195-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_88750	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	36	0.001245305	1	1207.690	2.3	Malpighian tubule	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_88771	IPSVFSK	AGAP005061-PB,AGAP005061-PA	-	41	0.000628525	2	777.451	0.39	Ovary	2L:+:9151000-9151020;2L:+:9151000-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_92441	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	45	0.000458373	1	921.469	1.02	Salivary gland	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_92850	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	67	1.43E-06	1	1031.601	1.15	Visceras	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_93361	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	51	5.47E-05	2	948.553	2.17	Pupa	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_94795	IIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	50	6.51E-05	1	919.536	0.12	Pupa	2L:+:9151078-9151101;2L:+:9151078-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_96211	LDAELKIIGQYGLR	AGAP005061-PB,AGAP005061-PA	-	86	9.14E-09	1	1588.911	3.31	Malpighian tubule	2L:+:9151060-9151101;2L:+:9151060-9151101	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_97794	ELLTLEEKDEK	AGAP005061-PB,AGAP005061-PA	-	75	5.31E-07	1	1346.706	0.53	Visceras	2L:+:9151162-9151194;2L:+:9151162-9151194	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_99594	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	50	5.22E-05	2	948.554	3.27	Salivary gland	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_103060	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	M1(Oxidation)	64	2.28E-06	1	1223.688	4.77	Larva	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_106110	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	M1(Oxidation)	57	1.17E-05	1	1207.689	1.43	Salivary gland	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_106980	IPSVFSK	AGAP005061-PB,AGAP005061-PA	-	42	0.000503875	2	777.452	1.25	Visceras	2L:+:9151000-9151020;2L:+:9151000-9151020	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_107310	LQTQVFK	AGAP005061-PB,AGAP005061-PA	-	43	0.000377999	1	863.498	-0.54	Male reproductive organs	2L:+:9151538-9151558;2L:+:9151538-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA

JHU_Ag_108751	LDYVLGLR	AGAP005061-PB,AGAP005061-PA	-	57	1.01E-05	2	948.557	5.45	Head	2L:+:9151490-9151513;2L:+:9151490-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_111786	IEDFLER	AGAP005061-PB,AGAP005061-PA	-	51	0.000104 08	2	921.467	-0.9	Head	2L:+:9151514-9151534;2L:+:9151514-9151534	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_112291	ELLTLEEK	AGAP005061-PB,AGAP005061-PA	-	45	0.000545 806	2	974.540	-0.49	Male reproductive organs	2L:+:9151162-9151185;2L:+:9151162-9151185	exon=> In CDS Exon 1 of transcript AGAP005061-PB;exon=> In CDS Exon 1 of transcript AGAP005061-PA
JHU_Ag_114583	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	59	2.97E-05	2	888.479	1.02	Malpighian tubule	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_115227	LQTQVFK	AGAP005061-PB,AGAP005061-PA	-	33	0.003113 894	1	863.501	2.43	Head	2L:+:9151538-9151558;2L:+:9151538-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_116626	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	59	2.65E-05	2	888.480	1.5	Larva	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_116655	LQTQVFK	AGAP005061-PB,AGAP005061-PA	-	38	0.001304 64	1	863.498	-1.11	Visceras	2L:+:9151538-9151558;2L:+:9151538-9151558	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_116671	LFQGNALLR	AGAP005061-PB,AGAP005061-PA	-	53	3.33E-05	2	1031.601	1.27	Larva	2L:+:9151198-9151207,9151431-9151447;2L:+:9151198-9151207,9151431-9151447	exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP005061-PA
JHU_Ag_116971	IGVLDESR	AGAP005061-PB,AGAP005061-PA	-	46	0.000578 24	1	888.479	0.28	Male reproductive organs	2L:+:9151460-9151483;2L:+:9151460-9151483	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_117795	MKLDYVLGLR	AGAP005061-PB,AGAP005061-PA	M1(Oxidation)	69	7.56E-07	1	1207.687	-0.19	Male reproductive organs	2L:+:9151484-9151513;2L:+:9151484-9151513	exon=> In CDS Exon 2 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP005061-PA
JHU_Ag_431	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	45	0.000148 319	2	1257.736	3.54	Visceras	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_3227	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	43	0.000847 743	1	859.467	-0.56	Visceras	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_4096	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	47	0.000326 035	1	859.467	-0.11	Midgut	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_4103	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	52	0.000116 216	1	859.467	-0.2	Male reproductive organs	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_4173	SPFGGGRPGR	AGAP005061-PB,AGAP012708-PA	-	37	0.003171 884	2	987.512	-0.31	Midgut	2L:+:9153452-9153481;UNKN:-:24524345-24524316	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA

JHU_Ag_6357	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	51	0.000197847	1	859.462	-6.22	Head	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_7770	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	50	2.69E-05	2	1385.830	2.86	Larva	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_17326	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	40	0.001737806	1	859.469	2.21	Ovary	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_18276	KGQGGGGAAEEEEED	AGAP005061-PB,AGAP012708-PA	-	84	8.12E-09	2	1462.592	-0.49	Midgut	2L:+:9153503-9153547;UNKN:-:24524294-24524250	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_22307	KGQGGGGAAEEEEED	AGAP005061-PB,AGAP012708-PA	-	67	5.10E-07	1	1462.597	3.1	Male reproductive organs	2L:+:9153503-9153547;UNKN:-:24524294-24524250	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_33706	SPFGGGRPGR	AGAP005061-PB,AGAP012708-PA	-	36	0.003591843	2	987.512	0.31	Ovary	2L:+:9153452-9153481;UNKN:-:24524345-24524316	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_39691	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	63	1.36E-06	1	1385.827	0.39	Midgut	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_40212	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	64	3.14E-06	1	1257.733	0.91	Male reproductive organs	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_46036	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	50	0.000207163	1	859.457	-12.4	Malpighian tubule	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_47439	LDSQKHIDFSLK	AGAP005061-PB,AGAP012708-PA	-	60	1.40E-05	1	1430.765	0.57	Malpighian tubule	2L:+:9153416-9153451;UNKN:-:24524381-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_49387	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	50	2.43E-05	2	1385.830	2.94	Head	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_49646	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	61	2.07E-06	1	1385.828	1.01	Visceras	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_50853	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	50	0.000172292	1	859.467	-0.33	Pupa	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_50924	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	59	5.51E-06	1	1257.737	4.41	Head	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA

JHU_Ag_60118	GQGGGGAAEEEEED	AGAP005061-PB,AGAP012708-PA	-	80	4.16E-09	2	1334.502	3.21	Malpighian tubule	2L:+:9153506-9153547;UNKN:-:24524291-24524250	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_64525	KGQGGGGAAEEEEED	AGAP005061-PB,AGAP012708-PA	Q3(Deamidated)	73	1.23E-07	1	1462.594	0.68	Head	2L:+:9153503-9153547;UNKN:-:24524294-24524250	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_68910	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	59	2.89E-06	2	1385.827	0.21	Male reproductive organs	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_77089	HIDFSLKSPFGGGRPGR	AGAP005061-PB,AGAP012708-PA	-	60	1.18E-05	1	1827.969	4.06	Malpighian tubule	2L:+:9153431-9153481;UNKN:-:24524366-24524316	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_77977	GQGGGGAAEEEEED	AGAP005061-PB,AGAP012708-PA	-	66	1.21E-07	2	1334.497	-0.36	Midgut	2L:+:9153506-9153547;UNKN:-:24524291-24524250	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_81746	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	72	1.71E-07	1	1385.829	1.89	Pupa	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_82338	SPFGGGRPGR	AGAP005061-PB,AGAP012708-PA	-	35	0.004509496	2	987.511	-1.18	Larva	2L:+:9153452-9153481;UNKN:-:24524345-24524316	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_84156	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	51	6.93E-05	1	1257.734	1.89	Pupa	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_84164	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	51	5.70E-05	1	1257.731	-0.25	Midgut	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_86138	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	44	0.000320588	2	1257.732	0.53	Salivary gland	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_89591	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	52	1.64E-05	1	1385.828	0.83	Ovary	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_90062	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	44	0.000357943	2	1257.734	1.98	Malpighian tubule	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_90512	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	53	1.11E-05	2	1385.829	1.8	Malpighian tubule	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_91842	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	39	0.000594561	1	1257.737	4.6	Larva	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA

JHU_Ag_96077	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	42	0.001077 12	1	859.468	1.43	Salivary gland	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_96773	HIDFSLK	AGAP005061-PB,AGAP012708-PA	-	44	0.000744 734	2	859.470	2.64	Larva	2L:+:9153431-9153451;UNKN:-:24524366-24524346	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_99253	SPFGGGRPGR	AGAP005061-PB,AGAP012708-PA	-	39	0.002025 52	2	987.515	3.27	Malpighian tubule	2L:+:9153452-9153481;UNKN:-:24524345-24524316	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_105942	QVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	54	3.23E-05	1	1257.733	1.4	Ovary	2L:+:9153383-9153415;UNKN:-:24524414-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_107598	KGQGGGGAAEEEEED	AGAP005061-PB,AGAP012708-PA	-	86	6.33E-09	2	1462.594	0.93	Malpighian tubule	2L:+:9153503-9153547;UNKN:-:24524294-24524250	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_109480	KQVVNVPSFIVR	AGAP005061-PB,AGAP012708-PA	-	63	1.36E-06	1	1385.827	0.57	Salivary gland	2L:+:9153380-9153415;UNKN:-:24524417-24524382	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_112828	SPFGGGRPGR	AGAP005061-PB,AGAP012708-PA	-	36	0.003700 985	2	987.513	1.17	Salivary gland	2L:+:9153452-9153481;UNKN:-:24524345-24524316	exon=> In CDS Exon 3 of transcript AGAP005061-PB;exon=> In CDS Exon 2 of transcript AGAP012708-PA
JHU_Ag_31492	ELHGQNPVVTLPTK	AGAP005062-PA	-	86	1.95E-08	1	1532.844	0.56	Head	2L:+:9156265-9156306	exon=> In CDS Exon 2 of transcript AGAP005062-PA
JHU_Ag_34784	QALNQFESQQK	AGAP005062-PA	-	67	3.25E-06	2	1320.658	2.9	Malpighian tubule	2L:+:9156307-9156339	exon=> In CDS Exon 2 of transcript AGAP005062-PA
JHU_Ag_48761	ILIVSLQDTLHGIEAK	AGAP005062-PA	-	40	0.000172 255	1	1750.016	2.98	Head	2L:+:9157729-9157776	exon=> In CDS Exon 5 of transcript AGAP005062-PA
JHU_Ag_49444	ILIVSLQDTLHGIEAK	AGAP005062-PA	-	70	2.38E-07	1	1750.010	-0.37	Ovary	2L:+:9157729-9157776	exon=> In CDS Exon 5 of transcript AGAP005062-PA
JHU_Ag_85216	AVSDAAAGEYSSATETLETAISLIK	AGAP005062-PA	-	157	2.54E-15	1	2498.241	-3.83	Ovary	2L:+:9157621-9157695	exon=> In CDS Exon 5 of transcript AGAP005062-PA
JHU_Ag_105753	ILIVSLQDTLHGIEAK	AGAP005062-PA	-	63	8.69E-07	1	1750.020	4.91	Malpighian tubule	2L:+:9157729-9157776	exon=> In CDS Exon 5 of transcript AGAP005062-PA
JHU_Ag_110374	RHQLYVGNLPWWTTDQDITDSVADVGVNDFQEVK	AGAP005062-PA	-	91	8.08E-09	1	3945.915	2.63	Ovary	2L:+:9156061-9156162	exon=> In CDS Exon 2 of transcript AGAP005062-PA
JHU_Ag_114090	KELHGQNPVVTLPTK	AGAP005062-PA	-	41	0.000318 758	1	1660.943	2.97	Malpighian tubule	2L:+:9156262-9156306	exon=> In CDS Exon 2 of transcript AGAP005062-PA
JHU_Ag_62453	EIIPR	AGAP005064-PB,AGAP005064-PA	-	31	0.003100 707	1	627.383	0.54	Visceras	2L:+:9206336-9206350;2L:+:9206336-9206350	exon=> In CDS Exon 2 of transcript AGAP005064-PB;exon=> In CDS Exon 2 of transcript AGAP005064-PA
JHU_Ag_15523	DGIQPLDYFGHWDGLGK	AGAP005066-PA,AGAP012656-PA	-	47	0.000311 067	1	1917.915	1.08	Larva	2L:+:9253758-9253808;UNKN:-:22665807-22665757	exon=> In CDS Exon 1 of transcript AGAP005066-PA;exon=> In CDS Exon 1 of transcript AGAP012656-PA
JHU_Ag_102496	YGHFRPGALSEGLR	AGAP005070-PA	-	36	0.004025 945	1	1559.819	6.87	Ovary	2L:-:9484723-9484682	exon=> In CDS Exon 1 of transcript AGAP005070-PA
JHU_Ag_6061	GRPDDEITELILDNCR	AGAP005075-PB	C15(Carbamidomethyl)	86	4.19E-08	1	1915.923	2.6	Head	2L:+:9645784-9645801,9649094-9649123	exon=> In CDS Exon 1 and 2 of transcript AGAP005075-PB

JHU_Ag_6263	GRPDDEITELILDNCR	AGAP005075-PB	C15(Carbamidomethyl)	71	1.13E-06	2	1915.913	-2.5	Malpighian tubule	2L:+:9645784-9645801,9649094-9649123	exon=> In CDS Exon 1 and 2 of transcript AGAP005075-PB
JHU_Ag_6787	RGRPDDEITELILDNCR	AGAP005075-PB	C16(Carbamidomethyl)	39	0.001857 93	3	2072.024	2.32	Midgut	2L:+:9645781-9645801,9649094-9649123	exon=> In CDS Exon 1 and 2 of transcript AGAP005075-PB
JHU_Ag_8126	STYIDGLTDSFTALETLSLINVGLVSLK	AGAP005075-PB	-	176	9.00E-18	1	2970.601	3.03	Ovary	2L:+:9649124-9649207	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_8257	ISNGLNHLTGSPK	AGAP005075-PB	N3(Deamidated)	69	1.33E-06	2	1338.701	-0.39	Midgut	2L:+:9649259-9649297	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_17780	RGRPDDEITELILDNCR	AGAP005075-PB	C16(Carbamidomethyl)	54	6.06E-05	1	2072.038	9.21	Ovary	2L:+:9645781-9645801,9649094-9649123	exon=> In CDS Exon 1 and 2 of transcript AGAP005075-PB
JHU_Ag_18099	LTHLNLSGNR	AGAP005075-PB	-	34	0.003122 151	1	1124.616	-0.83	Ovary	2L:+:9649298-9649327	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_18706	DFDELQPLK	AGAP005075-PB	-	49	0.000245 196	2	1104.559	1.18	Midgut	2L:+:9649334-9649360	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_22234	GRPDDEITELILDNCR	AGAP005075-PB	C15(Carbamidomethyl)	78	2.40E-07	2	1915.928	5.47	Midgut	2L:+:9645784-9645801,9649094-9649123	exon=> In CDS Exon 1 and 2 of transcript AGAP005075-PB
JHU_Ag_28057	GRPDDEITELILDNCR	AGAP005075-PB	C15(Carbamidomethyl)	104	5.74E-10	1	1915.910	-4.02	Ovary	2L:+:9645784-9645801,9649094-9649123	exon=> In CDS Exon 1 and 2 of transcript AGAP005075-PB
JHU_Ag_34830	LTHLNLSGNR	AGAP005075-PB	-	44	0.000366 317	1	1124.619	1.4	Malpighian tubule	2L:+:9649298-9649327	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_37276	STATEAAAATSSTTEDVAK	AGAP005075-PB	-	116	3.16E-11	2	1811.849	-0.72	Midgut	2L:+:9650977-9651033	exon=> In CDS Exon 4 of transcript AGAP005075-PB
JHU_Ag_47813	ISNGLNHLTGSPK	AGAP005075-PB	N3(Deamidated)	97	2.10E-09	1	1337.719	0.98	Ovary	2L:+:9649259-9649297	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_58782	IKDFDELQPLK	AGAP005075-PB	-	74	5.26E-07	1	1345.736	-0.13	Ovary	2L:+:9649328-9649360	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_60056	DLENLEVLDLFNNQVTLIENYR	AGAP005075-PB	-	126	2.73E-12	1	2664.354	0.99	Ovary	2L:+:9649361-9649426	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_78536	KLELSDNR	AGAP005075-PB	-	40	0.001740 519	2	974.526	-0.17	Ovary	2L:+:9649235-9649258	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_86112	STATEAAAATSSTTEDVAK	AGAP005075-PB	-	129	1.63E-12	2	1811.856	2.92	Head	2L:+:9650977-9651033	exon=> In CDS Exon 4 of transcript AGAP005075-PB
JHU_Ag_86199	STATEAAAATSSTTEDVAKEGEPEAR	AGAP005075-PB	-	108	1.87E-10	1	2580.198	2.66	Ovary	2L:+:9650977-9651034,9651655-9651674	exon=> In CDS Exon 4 and 5 of transcript AGAP005075-PB
JHU_Ag_88195	LFQLIPSLNYLDGFDK	AGAP005075-PB	-	86	2.52E-08	1	1882.996	0.44	Ovary	2L:+:9649433-9649470,9649549-9649558	exon=> In CDS Exon 2 and 3 of transcript AGAP005075-PB
JHU_Ag_99729	ISNGLNHLTGSPK	AGAP005075-PB	-	56	2.69E-05	1	1337.716	-0.57	Head	2L:+:9649259-9649297	exon=> In CDS Exon 2 of transcript AGAP005075-PB
JHU_Ag_105654	STATEAAAATSSTTEDVAKEGEPEAR	AGAP005075-PB	-	91	1.09E-08	1	2580.195	1.73	Malpighian tubule	2L:+:9650977-9651034,9651655-9651674	exon=> In CDS Exon 4 and 5 of transcript AGAP005075-PB
JHU_Ag_114978	STATEAAAATSSTTEDVAK	AGAP005075-PB	-	113	6.73E-11	2	1811.856	3.06	Ovary	2L:+:9650977-9651033	exon=> In CDS Exon 4 of transcript AGAP005075-PB
JHU_Ag_30694	QADGPEDEDDEPSYQNTEMVK	AGAP005076-PA	M19(Oxidation)	61	1.53E-06	2	2412.960	-0.87	Head	2L:+:9689503-9689565	exon=> In CDS Exon 7 of transcript AGAP005076-PA
JHU_Ag_38924	ANLSIVNNVTNGSANANGHTSAQSVL PSPR	AGAP005076-PA	-	105	3.53E-10	1	2990.507	0.97	Head	2L:+:9687940-9687994,9689438-9689472	exon=> In CDS Exon 6 and 7 of transcript AGAP005076-PA

JHU_Ag_52812	AAAAASASASAATK	AGAP005076-PA	-	84	6.67E-08	2	1148.594	3.05	Malpighian tubule	2L:+:9689566-9689607	exon=> In CDS Exon 7 of transcript AGAP005076-PA
JHU_Ag_115228	AAAAASASASAATK	AGAP005076-PA	-	114	6.78E-11	2	1148.594	2.52	Head	2L:+:9689566-9689607	exon=> In CDS Exon 7 of transcript AGAP005076-PA
JHU_Ag_5900	TADEIFDEHLTNFNR	AGAP005076-PA,AGAP005076-PB	-	128	1.78E-12	1	1821.842	0.85	Head	2L:+:9686755-9686799;2L:+:9686755-9686799	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_7575	TADEIFDEHLTNFNR	AGAP005076-PA,AGAP005076-PB	-	88	1.70E-08	1	1821.843	1.66	Salivary gland	2L:+:9686755-9686799;2L:+:9686755-9686799	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_8896	TADEIFDEHLTNFNR	AGAP005076-PA,AGAP005076-PB	-	83	6.27E-08	1	1821.843	1.25	Visceras	2L:+:9686755-9686799;2L:+:9686755-9686799	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_36670	TADEIFDEHLTNFNR	AGAP005076-PA,AGAP005076-PB	-	68	1.68E-06	1	1821.843	1.46	Ovary	2L:+:9686755-9686799;2L:+:9686755-9686799	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_37227	LLQNLGKVDR	AGAP005076-PA,AGAP005076-PB	-	33	0.001994 27	1	1155.687	2.54	Malpighian tubule	2L:+:9686725-9686754;2L:+:9686725-9686754	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_38967	LQKEFSNYIR	AGAP005076-PA,AGAP005076-PB	-	31	0.006179 682	1	1297.694	3.42	Malpighian tubule	2L:+:9686821-9686850;2L:+:9686821-9686850	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_44780	TADEIFDEHLTNFNR	AGAP005076-PA,AGAP005076-PB	-	83	6.63E-08	1	1821.848	4.2	Male reproductive organs	2L:+:9686755-9686799;2L:+:9686755-9686799	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_51943	CVRAVQNASK	AGAP005076-PA,AGAP005076-PB	C1(Carbamidomethyl), N7(Deamidated)	41	0.001407 389	1	1133.585	10.18	Visceras	2L:+:9686851-9686860,9686962-9686981;2L:+:9686851-9686860,9686962-9686981	exon=> In CDS Exon 2 and 3 of transcript AGAP005076-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005076-PB
JHU_Ag_66070	TADEIFDEHLTNFNRQHTCATR	AGAP005076-PA,AGAP005076-PB	C19(Carbamidomethyl)	44	0.000403 081	1	2676.221	-0.54	Malpighian tubule	2L:+:9686755-9686820;2L:+:9686755-9686820	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB
JHU_Ag_82743	EKLLQNLGK	AGAP005076-PA,AGAP005076-PB	N6(Deamidated)	35	0.003110 449	1	1043.609	-0.39	Visceras	2L:+:9658131-9658136,9686725-9686745;2L:+:9658131-9658136,9686725-9686745	exon=> In CDS Exon 1 and 2 of transcript AGAP005076-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005076-PB
JHU_Ag_87924	EKLLQNLGK	AGAP005076-PA,AGAP005076-PB	N6(Deamidated)	31	0.006180 393	1	1043.612	2.3	Head	2L:+:9658131-9658136,9686725-9686745;2L:+:9658131-9658136,9686725-9686745	exon=> In CDS Exon 1 and 2 of transcript AGAP005076-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005076-PB
JHU_Ag_104409	AENKGMLLAK	AGAP005076-PA,AGAP005076-PB	N-Term(Acetyl), M6(Oxidation)	43	0.000668 667	1	1132.603	-0.06	Malpighian tubule	2L:+:9658071-9658100;2L:+:9658071-9658100	exon=> In CDS Exon 1 of transcript AGAP005076-PA;exon=> In CDS Exon 1 of transcript AGAP005076-PB
JHU_Ag_104796	TADEIFDEHLTNFNR	AGAP005076-PA,AGAP005076-PB	-	88	1.86E-08	1	1821.847	3.67	Malpighian tubule	2L:+:9686755-9686799;2L:+:9686755-9686799	exon=> In CDS Exon 2 of transcript AGAP005076-PA;exon=> In CDS Exon 2 of transcript AGAP005076-PB

JHU_Ag_9425	HSFQSLQANAAK	AGAP005076-PA,AGAP005076-PB,AGAP005076-PD	-	53	7.95E-05	2	1301.663	2.15	Ovary	2L:+:9687310-9687345;2L:+:9687310-9687345;2L:+:9687310-9687345	exon=> In CDS Exon 4 of transcript AGAP005076-PA;exon=> In CDS Exon 4 of transcript AGAP005076-PB;exon=> In CDS Exon 2 of transcript AGAP005076-PD
JHU_Ag_41037	INANSNPSSPQQSPVK	AGAP005076-PA,AGAP005076-PB,AGAP005076-PD	-	81	1.36E-07	2	1667.839	2.61	Ovary	2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939	exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP005076-PD
JHU_Ag_63415	VYAELEAIVDKLATESQR	AGAP005076-PA,AGAP005076-PB,AGAP005076-PD	-	66	2.45E-06	1	2035.073	1.3	Visceras	2L:+:9687603-9687656;2L:+:9687603-9687656;2L:+:9687603-9687656	exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB;exon=> In CDS Exon 3 of transcript AGAP005076-PD
JHU_Ag_87444	VYAELEAIVDKLATESQR	AGAP005076-PA,AGAP005076-PB,AGAP005076-PD	-	67	1.62E-06	3	2035.080	4.35	Larva	2L:+:9687603-9687656;2L:+:9687603-9687656;2L:+:9687603-9687656	exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB;exon=> In CDS Exon 3 of transcript AGAP005076-PD
JHU_Ag_100803	INANSNPSSPQQSPVK	AGAP005076-PA,AGAP005076-PB,AGAP005076-PD	-	59	1.88E-05	1	1667.837	1.51	Visceras	2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939	exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP005076-PD
JHU_Ag_104160	STYEVLNSELHDELPALYDSR	AGAP005076-PA,AGAP005076-PB,AGAP005076-PD	-	36	0.00361674	1	2451.173	2.17	Malpighian tubule	2L:+:9687468-9687530;2L:+:9687468-9687530;2L:+:9687468-9687530	exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB;exon=> In CDS Exon 3 of transcript AGAP005076-PD
JHU_Ag_115	VYAELEAIVDK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	75	3.76E-07	2	1249.668	0.31	Head	2L:+:9687603-9687635;2L:+:9687603-9687635;2L:+:9687603-9687635	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB
JHU_Ag_5568	STYEVLNSELHDELPALYDSR	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	67	2.67E-06	1	2451.176	3.37	Malpighian tubule	2L:+:9687468-9687530;2L:+:9687468-9687530;2L:+:9687468-9687530	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB

JHU_Ag_15126	INANSNPSSPQQSPVK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	96	4.20E-09	1	1667.836	0.42	Malpighian tubule	2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939	exon=> In CDS Exon 3 and 4 of transcript AGAP005076-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PB
JHU_Ag_16174	INANSNPSSPQQSPVK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	Q11(Deamidated),Q12(Deamidated),N6(Deamidated)	114	6.60E-11	1	1667.836	0.93	Head	2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939	exon=> In CDS Exon 3 and 4 of transcript AGAP005076-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PB
JHU_Ag_18465	GMFPANFTRPL	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	57	2.75E-05	2	1250.639	3.28	Malpighian tubule	2L:+:9692175-9692207;2L:+:9692175-9692207;2L:+:9692175-9692207	exon=> In CDS Exon 6 of transcript AGAP005076-PD;exon=> In CDS Exon 10 of transcript AGAP005076-PA;exon=> In CDS Exon 8 of transcript AGAP005076-PB
JHU_Ag_22732	GMFPANFTRPL	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	M2(Oxidation)	59	1.84E-05	1	1266.632	1.56	Male reproductive organs	2L:+:9692175-9692207;2L:+:9692175-9692207;2L:+:9692175-9692207	exon=> In CDS Exon 6 of transcript AGAP005076-PD;exon=> In CDS Exon 10 of transcript AGAP005076-PA;exon=> In CDS Exon 8 of transcript AGAP005076-PB
JHU_Ag_28656	QLDTYALQFPEMK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	46	0.000368875	2	1583.782	2.57	Head	2L:+:9687114-9687152;2L:+:9687114-9687152;2L:+:9687114-9687152	exon=> In CDS Exon 1 of transcript AGAP005076-PD;exon=> In CDS Exon 3 of transcript AGAP005076-PA;exon=> In CDS Exon 3 of transcript AGAP005076-PB
JHU_Ag_30272	STYEVLNSELHDELPALYDSR	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	87	2.82E-08	1	2451.172	1.8	Head	2L:+:9687468-9687530;2L:+:9687468-9687530;2L:+:9687468-9687530	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB
JHU_Ag_32876	VYAELEAIVDKLATESQR	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	52	5.90E-05	3	2035.077	3.18	Malpighian tubule	2L:+:9687603-9687656;2L:+:9687603-9687656;2L:+:9687603-9687656	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB
JHU_Ag_39017	HSFQSLQANAAK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	85	4.61E-08	1	1301.659	-0.29	Malpighian tubule	2L:+:9687310-9687345;2L:+:9687310-9687345;2L:+:9687310-9687345	exon=> In CDS Exon 2 of transcript AGAP005076-PD;exon=> In CDS Exon 4 of transcript AGAP005076-PA;exon=> In CDS Exon 4 of transcript AGAP005076-PB
JHU_Ag_50030	TIDTQYQQFSYK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	86	3.57E-08	1	1521.724	1.49	Male reproductive organs	2L:+:9687057-9687092;2L:+:9687057-9687092;2L:+:9687057-9687092	exon=> In CDS Exon 1 of transcript AGAP005076-PD;exon=> In CDS Exon 3 of transcript AGAP005076-PA;exon=> In CDS Exon 3 of transcript AGAP005076-PB

JHU_Ag_52777	KINANSNPSSPQQSPVK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	120	9.85E-12	1	1795.930	0.12	Head	2L:+:9687675-9687684,9687899-9687939;2L:+:9687675-9687684,9687899-9687939;2L:+:9687675-9687684,9687899-9687939	exon=> In CDS Exon 3 and 4 of transcript AGAP005076-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PB
JHU_Ag_54405	KLVDYDSQR	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	48	0.000227684	2	1123.572	-1.62	Malpighian tubule	2L:+:9687283-9687309;2L:+:9687283-9687309;2L:+:9687283-9687309	exon=> In CDS Exon 2 of transcript AGAP005076-PD;exon=> In CDS Exon 4 of transcript AGAP005076-PA;exon=> In CDS Exon 4 of transcript AGAP005076-PB
JHU_Ag_55572	INANSNPSSPQQSPVK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	110	1.43E-10	1	1667.836	0.71	Male reproductive organs	2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939;2L:+:9687678-9687684,9687899-9687939	exon=> In CDS Exon 3 and 4 of transcript AGAP005076-PD;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP005076-PB
JHU_Ag_60548	GMFPANFTRPL	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	49	0.000176054	2	1250.636	1.03	Head	2L:+:9692175-9692207;2L:+:9692175-9692207;2L:+:9692175-9692207	exon=> In CDS Exon 6 of transcript AGAP005076-PD;exon=> In CDS Exon 10 of transcript AGAP005076-PA;exon=> In CDS Exon 8 of transcript AGAP005076-PB
JHU_Ag_66978	VYAELEAIVDKLATESQR	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	87	1.39E-08	1	2035.089	9.21	Salivary gland	2L:+:9687603-9687656;2L:+:9687603-9687656;2L:+:9687603-9687656	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB
JHU_Ag_69439	HSFQSLQANAAK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	38	0.002260084	2	1301.660	0.09	Pupa	2L:+:9687310-9687345;2L:+:9687310-9687345;2L:+:9687310-9687345	exon=> In CDS Exon 2 of transcript AGAP005076-PD;exon=> In CDS Exon 4 of transcript AGAP005076-PA;exon=> In CDS Exon 4 of transcript AGAP005076-PB
JHU_Ag_72363	GREQLEEAK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	34	0.007180748	1	1059.536	-6.18	Head	2L:+:9687441-9687467;2L:+:9687441-9687467;2L:+:9687441-9687467	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB
JHU_Ag_72566	LVDYDSQRHSFQSLQANAAK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	46	0.000362119	1	2278.136	6.33	Malpighian tubule	2L:+:9687286-9687345;2L:+:9687286-9687345;2L:+:9687286-9687345	exon=> In CDS Exon 2 of transcript AGAP005076-PD;exon=> In CDS Exon 4 of transcript AGAP005076-PA;exon=> In CDS Exon 4 of transcript AGAP005076-PB
JHU_Ag_72808	ILFLVTNLQTLFACEQQFHSETSK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	C14(Carbamidomethyl)	98	1.64E-09	1	2854.459	5.07	Salivary gland	2L:+:9687531-9687602;2L:+:9687531-9687602;2L:+:9687531-9687602	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB

JHU_Ag_79160	GREQLEEAK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	36	0.00493516	1	1059.543	-0.19	Malpighian tubule	2L:+:9687441-9687467;2L:+:9687441-9687467;2L:+:9687441-9687467	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB
JHU_Ag_79187	TIDTQYQQFSYK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	86	3.28E-08	1	1521.721	-0.75	Pupa	2L:+:9687057-9687092;2L:+:9687057-9687092;2L:+:9687057-9687092	exon=> In CDS Exon 1 of transcript AGAP005076-PD;exon=> In CDS Exon 3 of transcript AGAP005076-PA;exon=> In CDS Exon 3 of transcript AGAP005076-PB
JHU_Ag_80419	VYAELEAIVDKLATESQR	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	148	1.63E-14	1	2035.075	2.11	Head	2L:+:9687603-9687656;2L:+:9687603-9687656;2L:+:9687603-9687656	exon=> In CDS Exon 3 of transcript AGAP005076-PD;exon=> In CDS Exon 5 of transcript AGAP005076-PA;exon=> In CDS Exon 5 of transcript AGAP005076-PB
JHU_Ag_83864	TIDTQYQQFSYK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	91	1.10E-08	1	1521.723	0.85	Salivary gland	2L:+:9687057-9687092;2L:+:9687057-9687092;2L:+:9687057-9687092	exon=> In CDS Exon 1 of transcript AGAP005076-PD;exon=> In CDS Exon 3 of transcript AGAP005076-PA;exon=> In CDS Exon 3 of transcript AGAP005076-PB
JHU_Ag_86651	TIDTQYQQFSYK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	86	4.08E-08	1	1521.722	-0.03	Malpighian tubule	2L:+:9687057-9687092;2L:+:9687057-9687092;2L:+:9687057-9687092	exon=> In CDS Exon 1 of transcript AGAP005076-PD;exon=> In CDS Exon 3 of transcript AGAP005076-PA;exon=> In CDS Exon 3 of transcript AGAP005076-PB
JHU_Ag_90576	TIDTQYQQFSYK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	-	92	8.26E-09	1	1521.722	-0.27	Head	2L:+:9687057-9687092;2L:+:9687057-9687092;2L:+:9687057-9687092	exon=> In CDS Exon 1 of transcript AGAP005076-PD;exon=> In CDS Exon 3 of transcript AGAP005076-PA;exon=> In CDS Exon 3 of transcript AGAP005076-PB
JHU_Ag_102494	HSFQSLQANAAK	AGAP005076-PD,AGAP005076-PA,AGAP005076-PB	Q7(Deamidated),N9(Deamidated)	117	2.94E-11	1	1301.658	-0.94	Head	2L:+:9687310-9687345;2L:+:9687310-9687345;2L:+:9687310-9687345	exon=> In CDS Exon 2 of transcript AGAP005076-PD;exon=> In CDS Exon 4 of transcript AGAP005076-PA;exon=> In CDS Exon 4 of transcript AGAP005076-PB
JHU_Ag_47918	AATTDLPPGVLYR	AGAP005076-PD,AGAP005076-PB	-	63	7.54E-06	2	1373.747	2.99	Malpighian tubule	2L:+:9691900-9691938;2L:+:9691900-9691938	exon=> In CDS Exon 5 of transcript AGAP005076-PD;exon=> In CDS Exon 7 of transcript AGAP005076-PB
JHU_Ag_54677	AATTDLPPGVLYR	AGAP005076-PD,AGAP005076-PB	-	72	7.89E-07	2	1373.742	-0.48	Male reproductive organs	2L:+:9691900-9691938;2L:+:9691900-9691938	exon=> In CDS Exon 5 of transcript AGAP005076-PD;exon=> In CDS Exon 7 of transcript AGAP005076-PB
JHU_Ag_56905	ANLSIVNNVTNGSANANGR	AGAP005076-PD,AGAP005076-PB	N11(Deamidated), N17(Deamidated),"N11(Deamidated), N15(Deamidated)"	82	9.61E-08	2	1887.926	5.42	Male reproductive organs	2L:+:9687940-9687994,9691898-9691899;2L:+:9687940-9687994,9691898-9691899	exon=> In CDS Exon 4 and 5 of transcript AGAP005076-PD;exon=> In CDS Exon 6 and 7 of transcript AGAP005076-PB
JHU_Ag_74681	ANLSIVNNVTNGSANANGR	AGAP005076-PD,AGAP005076-PB	N11(Deamidated), N17(Deamidated)	113	7.57E-11	2	1887.916	0.38	Head	2L:+:9687940-9687994,9691898-9691899;2L:+:9687940-9687994,9691898-9691899	exon=> In CDS Exon 4 and 5 of transcript AGAP005076-PD;exon=> In CDS Exon 6 and 7 of transcript AGAP005076-PB
JHU_Ag_107739	AATTDLPPGVLYR	AGAP005076-PD,AGAP005076-PB	-	50	0.00014319	1	1373.741	-0.74	Head	2L:+:9691900-9691938;2L:+:9691900-9691938	exon=> In CDS Exon 5 of transcript AGAP005076-PD;exon=> In CDS Exon 7 of transcript AGAP005076-PB

JHU_Ag_71092	MCYSHFTCATDTENIK	AGAP005079-PD,AGAP005079-PB	C2(Carbamidomethyl), C8(Carbamidomethyl),"M1(Oxidation), C2(Carbamidomethyl), C8(Carbamidomethyl)"	128	3.48E-13	1	1993.810	0.78	Head	2L:+:9745079-9745109,9745885-9745901;2L:+:9745079-9745109,9745885-9745901	exon=> In CDS Exon 7 and 8 of transcript AGAP005079-PD;exon=> In CDS Exon 7 and 8 of transcript AGAP005079-PB
JHU_Ag_61321	DTIMQTALK	AGAP005079-PD,AGAP005079-PC,AGAP005079-PE,AGAP005079-PB	-	50	0.000157145	2	1020.539	-0.7	Head	2L:+:9745923-9745949;2L:+:9745923-9745949;2L:+:9745923-9745949;2L:+:9745923-9745949	exon=> In CDS Exon 8 of transcript AGAP005079-PD;exon=> In CDS Exon 8 of transcript AGAP005079-PC;exon=> In CDS Exon 8 of transcript AGAP005079-PE;exon=> In CDS Exon 8 of transcript AGAP005079-PB
JHU_Ag_86436	LVFCAVK	AGAP005079-PD,AGAP005079-PC,AGAP005079-PE,AGAP005079-PB	C4(Carbamidomethyl)	55	2.58E-05	2	836.469	-0.97	Head	2L:+:9745902-9745922;2L:+:9745902-9745922;2L:+:9745902-9745922;2L:+:9745902-9745922	exon=> In CDS Exon 8 of transcript AGAP005079-PD;exon=> In CDS Exon 8 of transcript AGAP005079-PC;exon=> In CDS Exon 8 of transcript AGAP005079-PE;exon=> In CDS Exon 8 of transcript AGAP005079-PB
JHU_Ag_19741	HDDVK	AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PB	-	31	0.002438653	1	613.294	-0.55	Head	2L:+:9745010-9745024;2L:+:9745010-9745024;2L:+:9745010-9745024;2L:+:9745010-9745024	exon=> In CDS Exon 7 of transcript AGAP005079-PD;exon=> In CDS Exon 7 of transcript AGAP005079-PJ;exon=> In CDS Exon 7 of transcript AGAP005079-PK;exon=> In CDS Exon 7 of transcript AGAP005079-PB
JHU_Ag_26480	AREFILK	AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PB	-	25	0.012144076	1	876.530	-0.57	Midgut	2L:+:9745025-9745045;2L:+:9745025-9745045;2L:+:9745025-9745045;2L:+:9745025-9745045	exon=> In CDS Exon 7 of transcript AGAP005079-PD;exon=> In CDS Exon 7 of transcript AGAP005079-PJ;exon=> In CDS Exon 7 of transcript AGAP005079-PK;exon=> In CDS Exon 7 of transcript AGAP005079-PB
JHU_Ag_65519	IMYSHLVDYFPEYDGPK	AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PB	M2(Oxidation)	115	5.09E-11	1	2089.961	1.85	Head	2L:+:9744846-9744888,9745002-9745009;2L:+:9744846-9744888,9745002-9745009;2L:+:9744846-9744888,9745002-9745009;2L:+:9744846-9744888,9745002-9745009	exon=> In CDS Exon 6 and 7 of transcript AGAP005079-PD;exon=> In CDS Exon 6 and 7 of transcript AGAP005079-PJ;exon=> In CDS Exon 6 and 7 of transcript AGAP005079-PK;exon=> In CDS Exon 6 and 7 of transcript AGAP005079-PB
JHU_Ag_84008	AREFILK	AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PB	-	38	0.000721187	1	876.526	-4.82	Head	2L:+:9745025-9745045;2L:+:9745025-9745045;2L:+:9745025-9745045;2L:+:9745025-9745045	exon=> In CDS Exon 7 of transcript AGAP005079-PD;exon=> In CDS Exon 7 of transcript AGAP005079-PJ;exon=> In CDS Exon 7 of transcript AGAP005079-PK;exon=> In CDS Exon 7 of transcript AGAP005079-PB

JHU_Ag_89365	ENPDPDR	AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PB	-	32	0.002852602	2	842.363	-1.37	Head	2L:+:9745058-9745078;2L:+:9745058-9745078;2L:+:9745058-9745078;2L:+:9745058-9745078	exon=> In CDS Exon 7 of transcript AGAP005079-PD;exon=> In CDS Exon 7 of transcript AGAP005079-PJ;exon=> In CDS Exon 7 of transcript AGAP005079-PK;exon=> In CDS Exon 7 of transcript AGAP005079-PB
JHU_Ag_5816	YYLSDLAR	AGAP005079-PD,AGAP005079-PK,AGAP005079-PE,AGAP005079-PF	-	35	0.003971093	1	1000.510	0.23	Head	2L:+:9742378-9742379,9743635-9743656;2L:+:9742378-9742379,9743635-9743656;2L:+:9742378-9742379,9743635-9743656;2L:+:9742378-9742379,9743635-9743656	exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PK;exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PE;exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PF
JHU_Ag_86997	APTTGILEYPFDLDSIIFR	AGAP005079-PD,AGAP005079-PK,AGAP005079-PE,AGAP005079-PF	-	51	8.74E-05	1	2168.129	0.79	Head	2L:+:9743708-9743763,9744527-9744527;2L:+:9743708-9743763,9744527-9744527;2L:+:9743708-9743763,9744527-9744527;2L:+:9743708-9743763,9744527-9744527	exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PD;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PK;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PE;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PF
JHU_Ag_111470	IEAEDFLPTEQDILR	AGAP005079-PD,AGAP005079-PK,AGAP005079-PE,AGAP005079-PF	Q11(Deamidated)	81	1.23E-07	2	1788.905	2.2	Head	2L:+:9743657-9743701;2L:+:9743657-9743701;2L:+:9743657-9743701;2L:+:9743657-9743701	exon=> In CDS Exon 4 of transcript AGAP005079-PD;exon=> In CDS Exon 4 of transcript AGAP005079-PK;exon=> In CDS Exon 4 of transcript AGAP005079-PE;exon=> In CDS Exon 4 of transcript AGAP005079-PF
JHU_Ag_73579	DAIAAREFILR	AGAP005079-PI,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF	-	50	5.92E-05	1	1274.726	3.24	Malpighian tubule	2L:+:9745425-9745457;2L:+:9745425-9745457;2L:+:9745425-9745457;2L:+:9745425-9745457	exon=> In CDS Exon 7 of transcript AGAP005079-PI;exon=> In CDS Exon 7 of transcript AGAP005079-PC;exon=> In CDS Exon 7 of transcript AGAP005079-PE;exon=> In CDS Exon 7 of transcript AGAP005079-PF
JHU_Ag_79618	MFVDLNPDSEK	AGAP005079-PI,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF	-	57	2.75E-05	1	1294.599	0.74	Head	2L:+:9745458-9745490;2L:+:9745458-9745490;2L:+:9745458-9745490;2L:+:9745458-9745490	exon=> In CDS Exon 7 of transcript AGAP005079-PI;exon=> In CDS Exon 7 of transcript AGAP005079-PC;exon=> In CDS Exon 7 of transcript AGAP005079-PE;exon=> In CDS Exon 7 of transcript AGAP005079-PF

JHU_Ag_111744	MFVDLNPDSEK	AGAP005079-PI,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF	-	37	0.002667645	2	1294.601	1.78	Midgut	2L:+:9745458-9745490;2L:+:9745458-9745490;2L:+:9745458-9745490;2L:+:9745458-9745490	exon=> In CDS Exon 7 of transcript AGAP005079-PI;exon=> In CDS Exon 7 of transcript AGAP005079-PC;exon=> In CDS Exon 7 of transcript AGAP005079-PE;exon=> In CDS Exon 7 of transcript AGAP005079-PF
JHU_Ag_2421	SVDFETVTTFEPPYVQAIK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	61	1.10E-05	2	2171.095	1.74	Midgut	2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302	exon=> In CDS Exon 3 of transcript AGAP005079-PI;exon=> In CDS Exon 3 of transcript AGAP005079-PD;exon=> In CDS Exon 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 3 of transcript AGAP005079-PK;exon=> In CDS Exon 3 of transcript AGAP005079-PC;exon=> In CDS Exon 3 of transcript AGAP005079-PE;exon=> In CDS Exon 3 of transcript AGAP005079-PF;exon=> In CDS Exon 3 of transcript AGAP005079-PB
JHU_Ag_14304	SVDFETVTTFEPPYVQAIK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	73	7.19E-07	2	2171.096	2.52	Head	2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302;2L:+:9742246-9742302	exon=> In CDS Exon 3 of transcript AGAP005079-PI;exon=> In CDS Exon 3 of transcript AGAP005079-PD;exon=> In CDS Exon 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 3 of transcript AGAP005079-PK;exon=> In CDS Exon 3 of transcript AGAP005079-PC;exon=> In CDS Exon 3 of transcript AGAP005079-PE;exon=> In CDS Exon 3 of transcript AGAP005079-PF;exon=> In CDS Exon 3 of transcript AGAP005079-PB

JHU_Ag_26276	ILYSDPANIEHAELIR	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	47	0.000197438	1	1853.975	-0.61	Salivary gland	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PK;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PB
JHU_Ag_29012	ILYSDPANIEHAELIR	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	96	2.84E-09	1	1853.979	1.89	Midgut	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PK;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PB

JHU_Ag_32179	DLWADAGIQECYDR	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	C11(Carbamidomethyl)	102	4.25E-10	1	1711.739	0.47	Head	2L:+:9742303-9742344;2L:+:9742303-9742344;2L:+:9742303-9742344;2L:+:9742303-9742344;2L:+:9742303-9742344;2L:+:9742303-9742344;2L:+:9742303-9742344	exon=> In CDS Exon 3 of transcript AGAP005079-PI;exon=> In CDS Exon 3 of transcript AGAP005079-PD;exon=> In CDS Exon 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 3 of transcript AGAP005079-PK;exon=> In CDS Exon 3 of transcript AGAP005079-PC;exon=> In CDS Exon 3 of transcript AGAP005079-PE;exon=> In CDS Exon 3 of transcript AGAP005079-PF;exon=> In CDS Exon 3 of transcript AGAP005079-PB
JHU_Ag_36094	REYQLTDSAK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	58	2.19E-05	1	1210.603	-2.35	Head	2L:+:9742348-9742377;2L:+:9742348-9742377;2L:+:9742348-9742377;2L:+:9742348-9742377;2L:+:9742348-9742377;2L:+:9742348-9742377;2L:+:9742348-9742377	exon=> In CDS Exon 3 of transcript AGAP005079-PI;exon=> In CDS Exon 3 of transcript AGAP005079-PD;exon=> In CDS Exon 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 3 of transcript AGAP005079-PK;exon=> In CDS Exon 3 of transcript AGAP005079-PC;exon=> In CDS Exon 3 of transcript AGAP005079-PE;exon=> In CDS Exon 3 of transcript AGAP005079-PF;exon=> In CDS Exon 3 of transcript AGAP005079-PB
JHU_Ag_46789	IIHGSGYSDEDKR	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	70	1.40E-06	1	1476.708	0.07	Head	2L:+:9741918-9741956;2L:+:9741918-9741956;2L:+:9741918-9741956;2L:+:9741918-9741956;2L:+:9741918-9741956;2L:+:9741918-9741956;2L:+:9741918-9741956	exon=> In CDS Exon 2 of transcript AGAP005079-PI;exon=> In CDS Exon 2 of transcript AGAP005079-PD;exon=> In CDS Exon 2 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 of transcript AGAP005079-PK;exon=> In CDS Exon 2 of transcript AGAP005079-PC;exon=> In CDS Exon 2 of transcript AGAP005079-PE;exon=> In CDS Exon 2 of transcript AGAP005079-PF;exon=> In CDS Exon 2 of transcript AGAP005079-PB

JHU_Ag_56073	ILYSDPANIEHAELIR	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	42	0.000743691	1	1853.976	0.37	Male reproductive organs	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PK;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PB
JHU_Ag_66887	IIHGSGYSDEDK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	85	3.76E-08	1	1320.606	-0.33	Head	2L:+:9741918-9741953;2L:+:9741918-9741953;2L:+:9741918-9741953;2L:+:9741918-9741953;2L:+:9741918-9741953;2L:+:9741918-9741953;2L:+:9741918-9741953;2L:+:9741918-9741953;2L:+:9741918-9741953	exon=> In CDS Exon 2 of transcript AGAP005079-PI;exon=> In CDS Exon 2 of transcript AGAP005079-PD;exon=> In CDS Exon 2 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 of transcript AGAP005079-PK;exon=> In CDS Exon 2 of transcript AGAP005079-PC;exon=> In CDS Exon 2 of transcript AGAP005079-PE;exon=> In CDS Exon 2 of transcript AGAP005079-PF;exon=> In CDS Exon 2 of transcript AGAP005079-PB
JHU_Ag_79958	TIITYPWFQHSSVILFLNKK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	35	0.001399742	1	2435.344	-1.94	Head	2L:+:9744768-9744827;2L:+:9744768-9744827;2L:+:9744768-9744827;2L:+:9744768-9744827;2L:+:9744768-9744827;2L:+:9744768-9744827;2L:+:9744768-9744827;2L:+:9744768-9744827;2L:+:9744768-9744827	exon=> In CDS Exon 6 of transcript AGAP005079-PI;exon=> In CDS Exon 6 of transcript AGAP005079-PD;exon=> In CDS Exon 6 of transcript AGAP005079-PJ;exon=> In CDS Exon 6 of transcript AGAP005079-PK;exon=> In CDS Exon 6 of transcript AGAP005079-PC;exon=> In CDS Exon 6 of transcript AGAP005079-PE;exon=> In CDS Exon 6 of transcript AGAP005079-PF;exon=> In CDS Exon 6 of transcript AGAP005079-PB

JHU_Ag_82197	RINQEIER	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	N3(Deamidated)	47	0.000216433	1	1057.570	-5.13	Head	2L:+:9737586-9737609;2L:+:9737586-9737609;2L:+:9737586-9737609;2L:+:9737586-9737609;2L:+:9737586-9737609;2L:+:9737586-9737609;2L:+:9737586-9737609	exon=> In CDS Exon 1 of transcript AGAP005079-PI;exon=> In CDS Exon 1 of transcript AGAP005079-PD;exon=> In CDS Exon 1 of transcript AGAP005079-PJ;exon=> In CDS Exon 1 of transcript AGAP005079-PK;exon=> In CDS Exon 1 of transcript AGAP005079-PC;exon=> In CDS Exon 1 of transcript AGAP005079-PE;exon=> In CDS Exon 1 of transcript AGAP005079-PF;exon=> In CDS Exon 1 of transcript AGAP005079-PB
JHU_Ag_82265	ILYSDPANIEHAELIR	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	N8(Deamidated)	137	2.14E-13	1	1853.979	1.89	Head	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PK;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PB
JHU_Ag_83219	EYQLTDSAK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	60	9.94E-06	1	1054.505	-0.03	Head	2L:+:9742351-9742377;2L:+:9742351-9742377;2L:+:9742351-9742377;2L:+:9742351-9742377;2L:+:9742351-9742377;2L:+:9742351-9742377;2L:+:9742351-9742377	exon=> In CDS Exon 3 of transcript AGAP005079-PI;exon=> In CDS Exon 3 of transcript AGAP005079-PD;exon=> In CDS Exon 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 3 of transcript AGAP005079-PK;exon=> In CDS Exon 3 of transcript AGAP005079-PC;exon=> In CDS Exon 3 of transcript AGAP005079-PE;exon=> In CDS Exon 3 of transcript AGAP005079-PF;exon=> In CDS Exon 3 of transcript AGAP005079-PB

JHU_Ag_87556	DLLEEK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	41	0.001322149	1	746.393	-0.54	Head	2L:+:9744828-9744845;2L:+:9744828-9744845;2L:+:9744828-9744845;2L:+:9744828-9744845;2L:+:9744828-9744845;2L:+:9744828-9744845;2L:+:9744828-9744845;2L:+:9744828-9744845;2L:+:9744828-9744845	exon=> In CDS Exon 6 of transcript AGAP005079-PI;exon=> In CDS Exon 6 of transcript AGAP005079-PD;exon=> In CDS Exon 6 of transcript AGAP005079-PJ;exon=> In CDS Exon 6 of transcript AGAP005079-PK;exon=> In CDS Exon 6 of transcript AGAP005079-PC;exon=> In CDS Exon 6 of transcript AGAP005079-PE;exon=> In CDS Exon 6 of transcript AGAP005079-PF;exon=> In CDS Exon 6 of transcript AGAP005079-PB
JHU_Ag_88440	AMDLLK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	M2(Oxidation)	36	0.003281637	2	706.380	-0.89	Head	2L:+:9742014-9742031;2L:+:9742014-9742031;2L:+:9742014-9742031;2L:+:9742014-9742031;2L:+:9742014-9742031;2L:+:9742014-9742031;2L:+:9742014-9742031;2L:+:9742014-9742031;2L:+:9742014-9742031	exon=> In CDS Exon 2 of transcript AGAP005079-PI;exon=> In CDS Exon 2 of transcript AGAP005079-PD;exon=> In CDS Exon 2 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 of transcript AGAP005079-PK;exon=> In CDS Exon 2 of transcript AGAP005079-PC;exon=> In CDS Exon 2 of transcript AGAP005079-PE;exon=> In CDS Exon 2 of transcript AGAP005079-PF;exon=> In CDS Exon 2 of transcript AGAP005079-PB
JHU_Ag_95304	ILYSDPANIEHAELIR	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	41	0.000838149	2	1853.980	2.09	Malpighian tubule	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PK;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PF;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PB

JHU_Ag_98975	LLLLGTGESGK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	53	4.68E-05	2	1087.635	-0.81	Head	2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893	exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PI;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PJ;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PK;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PE;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PB
JHU_Ag_108541	LLLLGTGESGK	AGAP005079-PI,AGAP005079-PD,AGAP005079-PJ,AGAP005079-PK,AGAP005079-PC,AGAP005079-PE,AGAP005079-PF,AGAP005079-PB	-	38	0.001314791	2	1087.636	-0.02	Male reproductive organs	2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893;2L:+:9737652-9737664,9741874-9741893	exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PI;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PJ;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PK;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PE;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP005079-PB
JHU_Ag_44294	IIYSHFTCATDTENIR	AGAP005079-PI,AGAP005079-PF	C8(Carbamidomethyl)	108	2.61E-10	1	1940.921	2.21	Male reproductive organs	2L:+:9745491-9745521,9746446-9746462;2L:+:9745491-9745521,9746446-9746462	exon=> In CDS Exon 7 and 8 of transcript AGAP005079-PI;exon=> In CDS Exon 7 and 8 of transcript AGAP005079-PF

JHU_Ag_94825	IIYSHFTCATDTENIR	AGAP005079-PI,AGAP005079-PF	C8(Carbamidomethyl)	87	3.31E-08	1	1940.921	1.77	Head	2L:+:9745491-9745521,9746446-9746462;2L:+:9745491-9745521,9746446-9746462	exon=> In CDS Exon 7 and 8 of transcript AGAP005079-PI;exon=> In CDS Exon 7 and 8 of transcript AGAP005079-PF
JHU_Ag_7959	VAAPNYLPTEQDILR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	59	1.47E-05	1	1699.906	2.43	Head	2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_18411	VAAPNYLPTEQDILR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	41	0.000811108	2	1699.901	-0.08	Midgut	2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_26750	VAAPNYLPTEQDILR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	47	0.000201091	1	1699.905	2.14	Malpighian tubule	2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_35182	VPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	90	1.23E-08	1	1992.038	2.69	Malpighian tubule	2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_39633	VPTTGIIEYPFDLEEIRFR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	103	5.65E-10	1	2295.198	-1.81	Ovary	2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527	exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PI;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PB
JHU_Ag_40636	VAAPNYLPTEQDILR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	37	0.002238231	1	1699.904	1.71	Male reproductive organs	2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB

JHU_Ag_42122	VRVPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	54	3.11E-05	1	2247.203	0.6	Midgut	2L:+:9742847-9742903;2L:+:9742847-9742903;2L:+:9742847-9742903;2L:+:9742847-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_48766	VPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	70	1.20E-06	1	1992.035	1.35	Ovary	2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_55802	VPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	80	1.51E-07	2	1992.034	0.92	Head	2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_58147	VPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	70	1.25E-06	1	1992.042	4.9	Pupa	2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_66839	VAAPNYLPTEQDILR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	43	0.000535 09	1	1699.905	2.29	Salivary gland	2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846;2L:+:9742802-9742846	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_70496	VPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	70	1.49E-06	1	1992.035	1.1	Male reproductive organs	2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_76091	VPTTGIIEYPFDLEEIRFR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	103	5.03E-10	1	2295.213	4.73	Malpighian tubule	2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527;2L:+:9742853-9742908,9744527-9744527	exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PI;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP005079-PB

JHU_Ag_76484	VPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	82	8.40E-08	1	1992.030	-1.47	Midgut	2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_83265	YYLMEIDR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	39	0.001281704	2	1102.524	0.17	Head	2L:+:9742378-9742379,9742780-9742801;2L:+:9742378-9742379,9742780-9742801;2L:+:9742378-9742379,9742780-9742801;2L:+:9742378-9742379,9742780-9742801	exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PI;exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP005079-PB
JHU_Ag_93304	VPTTGIIEYPFDLEEIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB	-	46	0.000267552	2	1992.050	9.01	Salivary gland	2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903;2L:+:9742853-9742903	exon=> In CDS Exon 4 of transcript AGAP005079-PI;exon=> In CDS Exon 4 of transcript AGAP005079-PJ;exon=> In CDS Exon 4 of transcript AGAP005079-PC;exon=> In CDS Exon 4 of transcript AGAP005079-PB
JHU_Ag_29288	ILYSDPANIEHAELIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB,AGAP005079-PD,AGAP005079-PK,AGAP005079-PE,AGAP005079-PF	-	47	0.000194232	1	1853.980	2.25	Malpighian tubule	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PK;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PF

JHU_Ag_62884	ILYSDPANIEHAELIR	AGAP005079-PI,AGAP005079-PJ,AGAP005079-PC,AGAP005079-PB,AGAP005079-PD,AGAP005079-PK,AGAP005079-PE,AGAP005079-PF	-	49	0.000128769	2	1853.990	7.95	Ovary	2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245;2L:+:9742032-9742058,9742225-9742245	exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PI;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PJ;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PC;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PD;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PK;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PE;exon=> In CDS Exon 2 and 3 of transcript AGAP005079-PF
JHU_Ag_19596	IGPSILNADLSQLHEESEK	AGAP005080-PA	-	113	6.72E-11	1	2080.065	4.66	Ovary	2L:-:9758173-9758117	exon=> In CDS Exon 1 of transcript AGAP005080-PA
JHU_Ag_23000	AGANMIVAGTAIIR	AGAP005080-PA	M5(Oxidation)	36	0.002606624	2	1373.757	-0.2	Midgut	2L:-:9757549-9757508	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_29231	VGLALKPGTAVEAVQQYIDSADMVLVMTVEPGFGGQK	AGAP005080-PA	M23(Oxidation), M27(Oxidation)	100	6.86E-10	1	3850.975	3.59	Ovary	2L:-:9757771-9757661	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_38218	IGPSILNADLSQLHEESEK	AGAP005080-PA	-	59	1.83E-05	1	2080.061	2.72	Malpighian tubule	2L:-:9758173-9758117	exon=> In CDS Exon 1 of transcript AGAP005080-PA
JHU_Ag_44973	LLANGADYLHLDVMDGTFVPNLTFGHPVVK	AGAP005080-PA	M14(Oxidation)	229	1.05E-22	1	3269.666	-0.03	Ovary	2L:-:9758116-9758027	exon=> In CDS Exon 1 of transcript AGAP005080-PA
JHU_Ag_54158	SAVQSAINHGGQC	AGAP005080-PA	C13(Carbamidomethyl)	43	0.000495817	1	1328.600	-0.63	Head	2L:-:9757471-9757433	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_55827	IGPSILNADLSQLHEESEK	AGAP005080-PA	-	41	0.001082777	1	2080.058	0.87	Male reproductive organs	2L:-:9758173-9758117	exon=> In CDS Exon 1 of transcript AGAP005080-PA
JHU_Ag_59286	ADDQAAVIR	AGAP005080-PA	-	64	5.02E-06	2	958.497	1.27	Ovary	2L:-:9757507-9757481	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_59927	IGPSILNADLSQLHEESEK	AGAP005080-PA	-	59	1.69E-05	1	2080.054	-1.07	Head	2L:-:9758173-9758117	exon=> In CDS Exon 1 of transcript AGAP005080-PA
JHU_Ag_60019	AGANMIVAGTAIIR	AGAP005080-PA	M5(Oxidation)	63	5.97E-06	2	1373.758	0.87	Male reproductive organs	2L:-:9757549-9757508	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_61510	IGPSILNADLSQLHEESEK	AGAP005080-PA	-	41	0.000918777	1	2080.063	3.69	Visceras	2L:-:9758173-9758117	exon=> In CDS Exon 1 of transcript AGAP005080-PA
JHU_Ag_67160	SAVQSAINHGGQC	AGAP005080-PA	C13(Carbamidomethyl)	59	1.36E-05	1	1328.603	1.3	Ovary	2L:-:9757471-9757433	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_73998	IGPSILNADLSQLHEESEK	AGAP005080-PA	-	142	8.57E-14	1	2080.055	-0.27	Midgut	2L:-:9758173-9758117	exon=> In CDS Exon 1 of transcript AGAP005080-PA
JHU_Ag_85130	AGANMIVAGTAIIR	AGAP005080-PA	M5(Oxidation)	84	4.00E-08	1	1373.757	0.07	Ovary	2L:-:9757549-9757508	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_92724	AGANMIVAGTAIIR	AGAP005080-PA	M5(Oxidation)	58	1.72E-05	2	1373.763	4.15	Malpighian tubule	2L:-:9757549-9757508	exon=> In CDS Exon 2 of transcript AGAP005080-PA
JHU_Ag_73194	AIFMFK	AGAP005081-PA	M4(Oxidation)	38	0.000661438	2	772.408	2.66	Ovary	2L:+:9759415-9759432	exon=> In CDS Exon 2 of transcript AGAP005081-PA

JHU_Ag_89371	CLHVSIENK	AGAP005081-PA	C1(Carbamidomethyl)	34	0.003371499	1	1099.559	2.05	Ovary	2L:+:9759484-9759510	exon=> In CDS Exon 2 of transcript AGAP005081-PA
JHU_Ag_5623	VKAPIIIIPVDSK	AGAP005082-PA	-	38	4.65E-05	2	1392.883	0.23	Male reproductive organs	2L:+:9769135-9769173	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_5958	VFESIVADVLNR	AGAP005082-PA	-	46	0.000254831	2	1361.742	-0.58	Ovary	2L:+:9761102-9761137	exon=> In CDS Exon 1 of transcript AGAP005082-PA
JHU_Ag_8976	TCLDVVQNLGK	AGAP005082-PA	C2(Carbamidomethyl)	64	6.80E-06	1	1246.647	0.38	Male reproductive organs	2L:+:9772211-9772243	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_11748	DHFATIHEEESTATALLNAAR	AGAP005082-PA	-	41	0.001404938	1	2297.113	-1.02	Head	2L:+:9767643-9767705	exon=> In CDS Exon 8 of transcript AGAP005082-PA
JHU_Ag_12144	SVAATTEFKPFVEMSMVQR	AGAP005082-PA	M14(Oxidation), M16(Oxidation)	57	2.98E-05	1	2190.058	0.35	Male reproductive organs	2L:+:9777375-9777431	exon=> In CDS Exon 17 of transcript AGAP005082-PA
JHU_Ag_13680	QFKYLR	AGAP005082-PA	-	31	0.00344972	1	854.489	1.15	Malpighian tubule	2L:+:9777456-9777473	exon=> In CDS Exon 17 of transcript AGAP005082-PA
JHU_Ag_14300	EYQFLTQR	AGAP005082-PA	-	45	0.000269642	2	1084.542	-0.05	Male reproductive organs	2L:+:9777901-9777924	exon=> In CDS Exon 18 of transcript AGAP005082-PA
JHU_Ag_17116	TFEPFYINAVR	AGAP005082-PA	-	42	0.000759833	2	1356.695	0.57	Midgut	2L:+:9772973-9772996,9773067-9773075	exon=> In CDS Exon 13 and 14 of transcript AGAP005082-PA
JHU_Ag_25800	DVVVLTDSR	AGAP005082-PA	-	41	0.00175818	2	1003.542	0.26	Head	2L:+:9778860-9778886	exon=> In CDS Exon 20 of transcript AGAP005082-PA
JHU_Ag_27358	SEIQAPYVVR	AGAP005082-PA	-	40	0.001321341	1	1161.627	0.4	Male reproductive organs	2L:+:9772283-9772312	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_30474	VNLAASDFNIHR	AGAP005082-PA	-	63	5.95E-06	1	1356.703	1	Male reproductive organs	2L:+:9772337-9772372	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_30490	VIVGDTDKELTLPVYK	AGAP005082-PA	-	117	9.72E-12	1	1789.995	0.07	Midgut	2L:+:9772568-9772615	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_30650	VIVGDTDKELTLPVYK	AGAP005082-PA	-	32	0.002419824	3	1790.003	4.73	Malpighian tubule	2L:+:9772568-9772615	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_31011	NNVVEAYTQATR	AGAP005082-PA	-	73	7.32E-07	2	1365.678	1.93	Midgut	2L:+:9769081-9769116	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_32554	TATISQLTDAAAEK	AGAP005082-PA	-	87	3.67E-08	2	1419.733	0.06	Male reproductive organs	2L:+:9766082-9766098,9766166-9766190	exon=> In CDS Exon 5 and 6 of transcript AGAP005082-PA
JHU_Ag_32785	SCDLPEVTAPFK	AGAP005082-PA	C2(Carbamidomethyl)	56	3.94E-05	2	1363.657	0.63	Male reproductive organs	2L:+:9776433-9776468	exon=> In CDS Exon 17 of transcript AGAP005082-PA
JHU_Ag_33153	VEVSQTESSGESFSR	AGAP005082-PA	-	61	9.16E-06	2	1628.739	-0.52	Male reproductive organs	2L:+:9769312-9769356	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_33244	LLRPGELLHLPTVK	AGAP005082-PA	-	59	5.65E-07	1	1585.986	4.32	Ovary	2L:+:9773313-9773354	exon=> In CDS Exon 14 of transcript AGAP005082-PA
JHU_Ag_34713	VFESIVADVLNR	AGAP005082-PA	-	44	0.00041754	2	1361.738	-3.27	Midgut	2L:+:9761102-9761137	exon=> In CDS Exon 1 of transcript AGAP005082-PA
JHU_Ag_34824	NFYDNLHLGPLK	AGAP005082-PA	-	88	2.48E-08	1	1430.752	6.14	Midgut	2L:+:9777730-9777765	exon=> In CDS Exon 18 of transcript AGAP005082-PA
JHU_Ag_41668	AGGYLNVPLYYLYNDSK	AGAP005082-PA	-	69	2.03E-06	1	1949.962	-1	Midgut	2L:+:9772811-9772861	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_42501	VLNVIQTPK	AGAP005082-PA	-	37	0.000560227	2	1011.620	0.35	Salivary gland	2L:+:9767304-9767330	exon=> In CDS Exon 7 of transcript AGAP005082-PA
JHU_Ag_44686	VGVNECVPLWPK	AGAP005082-PA	C6(Carbamidomethyl)	46	0.00035365	2	1397.726	1.22	Male reproductive organs	2L:+:9776367-9776402	exon=> In CDS Exon 17 of transcript AGAP005082-PA
JHU_Ag_47514	YTEVQCTLLQLR	AGAP005082-PA	C6(Carbamidomethyl)	42	0.000855328	2	1523.792	1.88	Male reproductive organs	2L:+:9776469-9776504	exon=> In CDS Exon 17 of transcript AGAP005082-PA
JHU_Ag_48950	SATGLQYAIAK	AGAP005082-PA	-	41	0.000671441	2	1122.617	0.99	Male reproductive organs	2L:+:9766212-9766244	exon=> In CDS Exon 6 of transcript AGAP005082-PA
JHU_Ag_50028	ANDENTNILYHPPEYEGPILFSFR	AGAP005082-PA	-	51	0.000120705	1	2836.343	-5.32	Midgut	2L:+:9776025-9776096	exon=> In CDS Exon 17 of transcript AGAP005082-PA

JHU_Ag_50307	LLRPGELLHLPTVK	AGAP005082-PA	-	25	0.001719344	1	1585.979	0.23	Male reproductive organs	2L:+:9773313-9773354	exon=> In CDS Exon 14 of transcript AGAP005082-PA
JHU_Ag_54169	IEQPDIILVEK	AGAP005082-PA	-	36	0.001036309	2	1296.742	0.57	Male reproductive organs	2L:+:9771353-9771385	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_55254	LPTILEDDGIVTSSTSK	AGAP005082-PA	-	69	1.31E-06	2	1775.933	3.18	Male reproductive organs	2L:+:9767712-9767762	exon=> In CDS Exon 8 of transcript AGAP005082-PA
JHU_Ag_58866	LAEEMQQLLAK	AGAP005082-PA	M5(Oxidation)	45	0.000491651	2	1289.678	0.67	Male reproductive organs	2L:+:9779199-9779231	exon=> In CDS Exon 21 of transcript AGAP005082-PA
JHU_Ag_60934	VEVSQTESSGESFSR	AGAP005082-PA	-	45	0.000327133	2	1628.741	0.53	Ovary	2L:+:9769312-9769356	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_63876	ERLPTILEDDGIVTSSTSK	AGAP005082-PA	-	35	0.003280922	1	2061.074	1.47	Male reproductive organs	2L:+:9767706-9767762	exon=> In CDS Exon 8 of transcript AGAP005082-PA
JHU_Ag_65190	LDESATANDCVDLWHVK	AGAP005082-PA	C10(Carbamidomethyl)	45	0.000337609	1	1972.913	2.79	Midgut	2L:+:9771707-9771757	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_65381	DHFATIHEEESTATALLNAAR	AGAP005082-PA	-	108	2.54E-10	1	2297.127	4.7	Ovary	2L:+:9767643-9767705	exon=> In CDS Exon 8 of transcript AGAP005082-PA
JHU_Ag_71689	APIIIIPVDSK	AGAP005082-PA	-	66	3.43E-07	1	1165.719	0.12	Male reproductive organs	2L:+:9769141-9769173	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_82523	SVAFNVPYGGSVGSNQR	AGAP005082-PA	-	47	0.000274418	1	1738.853	1.24	Male reproductive organs	2L:+:9767124-9767174	exon=> In CDS Exon 7 of transcript AGAP005082-PA
JHU_Ag_82943	LQTQPLHAHVAIQSQQEVK	AGAP005082-PA	-	70	6.08E-07	1	2155.163	0.45	Head	2L:+:9777673-9777729	exon=> In CDS Exon 18 of transcript AGAP005082-PA
JHU_Ag_83609	VKAPIIIIPVDSK	AGAP005082-PA	-	46	7.48E-06	2	1392.883	0.23	Midgut	2L:+:9769135-9769173	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_83658	ASLGMQELTISGLR	AGAP005082-PA	M5(Oxidation)	87	3.34E-08	1	1491.784	0.07	Male reproductive organs	2L:+:9765848-9765889	exon=> In CDS Exon 5 of transcript AGAP005082-PA
JHU_Ag_84161	LQQFLQPEELVEQK	AGAP005082-PA	-	50	9.92E-05	2	1728.918	0.66	Male reproductive organs	2L:+:9771200-9771241	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_90577	VNAVTELHLLEPTSFR	AGAP005082-PA	-	54	3.61E-05	1	1825.984	1.64	Midgut	2L:+:9766542-9766589	exon=> In CDS Exon 6 of transcript AGAP005082-PA
JHU_Ag_91621	APIIIIPVDSK	AGAP005082-PA	-	32	0.000774301	2	1165.719	-0.09	Salivary gland	2L:+:9769141-9769173	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_95188	IQETINMENQYQQYLR	AGAP005082-PA	M7(Oxidation)	71	1.00E-06	2	2086.990	1.68	Male reproductive organs	2L:+:9777066-9777113	exon=> In CDS Exon 17 of transcript AGAP005082-PA
JHU_Ag_97132	VEVSQTESSGESFSR	AGAP005082-PA	-	64	4.01E-06	2	1628.747	4.66	Malpighian tubule	2L:+:9769312-9769356	exon=> In CDS Exon 10 of transcript AGAP005082-PA
JHU_Ag_103651	DVHTMHGEGIGQEEILSEIIR	AGAP005082-PA	M5(Oxidation)	55	4.27E-05	1	2379.160	-0.5	Head	2L:+:9766392-9766454	exon=> In CDS Exon 6 of transcript AGAP005082-PA
JHU_Ag_104344	SLFGHTVGGAAGAVSK	AGAP005082-PA	-	37	0.002493468	1	1458.772	1.2	Male reproductive organs	2L:+:9778132-9778178,9778243-9778243	exon=> In CDS Exon 18 and 19 of transcript AGAP005082-PA
JHU_Ag_104635	VFESIVADVLNR	AGAP005082-PA	-	70	1.17E-06	2	1361.744	1.48	Pupa	2L:+:9761102-9761137	exon=> In CDS Exon 1 of transcript AGAP005082-PA
JHU_Ag_112194	QFKYLR	AGAP005082-PA	-	31	0.00344972	1	854.489	0.37	Pupa	2L:+:9777456-9777473	exon=> In CDS Exon 17 of transcript AGAP005082-PA
JHU_Ag_114518	DLCLYYAEFNPER	AGAP005082-PA	C3(Carbamidomethyl)	47	0.000240087	2	1689.775	10.09	Midgut	2L:+:9771485-9771523	exon=> In CDS Exon 13 of transcript AGAP005082-PA
JHU_Ag_116379	FVGEYVENLDKK	AGAP005082-PA	-	42	0.000771923	2	1440.737	0.09	Male reproductive organs	2L:+:9761138-9761173	exon=> In CDS Exon 1 of transcript AGAP005082-PA
JHU_Ag_116427	LEDVTVELQNDKR	AGAP005082-PA	-	53	7.18E-05	2	1558.813	3.43	Midgut	2L:+:9768610-9768648	exon=> In CDS Exon 9 of transcript AGAP005082-PA
JHU_Ag_100449	VHSLPGVEHLYSAIAK	AGAP005091-PD,AGAP005091-PB,AGAP005091-PA	-	33	0.003646042	1	1720.940	1.2	Head	2L:+:9940946-9940993;2L:+:9940946-9940993;2L:+:9940946-9940993	exon=> In CDS Exon 4 of transcript AGAP005091-PD;exon=> In CDS Exon 12 of transcript AGAP005091-PB;exon=> In CDS Exon 7 of transcript AGAP005091-PA

JHU_Ag_1376	LPNVELVLDTFSADTK	AGAP005093-PA	-	111	8.92E-11	1	1761.932	2.67	Midgut	2L:+:9952020-9952067	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_12503	ESAATEQLLGTR	AGAP005093-PA	-	69	2.27E-06	2	1275.654	0.09	Midgut	2L:+:9954366-9954401	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_23758	LEPGTYVGMATVTIR	AGAP005093-PA	M9(Oxidation)	38	0.002225923	1	1623.841	-0.25	Midgut	2L:+:9952665-9952709	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_26838	LDDIISPAFSK	AGAP005093-PA	-	47	0.000270944	1	1205.641	-0.61	Midgut	2L:+:9953844-9953876	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_27556	LYVPQFSK	AGAP005093-PA	-	39	0.001261948	2	981.540	-0.59	Midgut	2L:+:9954480-9954503	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_29047	LSINIALKPDVK	AGAP005093-PA	-	50	1.26E-05	1	1310.804	-0.21	Midgut	2L:+:9953385-9953420	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_34584	SYILLSIVAK	AGAP005093-PA	-	41	8.04E-05	2	1106.682	-0.4	Midgut	2L:+:9951864-9951893	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_36118	FTEPFLEGELVLNTLEVR	AGAP005093-PA	-	90	1.02E-08	2	2106.109	-1.5	Midgut	2L:+:9951966-9952019	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_42223	YSVAENEHFNVHPETGSIKPTK	AGAP005093-PA	-	77	3.36E-07	1	2484.215	-0.36	Midgut	2L:+:9955878-9955943	exon=> In CDS Exon 3 of transcript AGAP005093-PA
JHU_Ag_58537	IVPTFEASLYTGTIDR	AGAP005093-PA	-	86	3.20E-08	2	1782.928	0.54	Midgut	2L:+:9951339-9951386	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_58976	SYCFITVDVSR	AGAP005093-PA	C3(Carbamidomethyl)	58	2.04E-05	2	1346.640	-0.84	Midgut	2L:+:9952227-9952259	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_59701	ASNIIDLIVYATDRDGAVDGR	AGAP005093-PA	-	53	4.40E-05	3	2234.164	10.38	Midgut	2L:+:9955956-9956018	exon=> In CDS Exon 3 of transcript AGAP005093-PA
JHU_Ag_60675	TALVVELSHEPK	AGAP005093-PA	-	61	4.89E-06	2	1322.732	0.09	Midgut	2L:+:9951303-9951338	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_65304	YEASGEDADYFTITPATDR	AGAP005093-PA	-	90	8.82E-09	1	2121.925	0.02	Midgut	2L:+:9951138-9951194	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_68746	QLVEEIVAK	AGAP005093-PA	-	49	0.000130367	2	1028.599	0.35	Midgut	2L:+:9952317-9952343	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_73921	LILDRPIIPNVYQFLVHATNTAAGK	AGAP005093-PA	-	151	1.78E-15	1	2764.546	-1.75	Midgut	2L:+:9955191-9955265	exon=> In CDS Exon 3 of transcript AGAP005093-PA
JHU_Ag_76729	LVYDGVIDETK	AGAP005093-PA	-	75	5.04E-07	2	1251.647	0.3	Midgut	2L:+:9952284-9952316	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_77185	NFFLVTLQAEK	AGAP005093-PA	-	64	3.55E-06	2	1309.717	1.13	Midgut	2L:+:9951558-9951590	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_79397	IQADAIDWNELDAK	AGAP005093-PA	-	108	2.23E-10	1	1601.778	-1.51	Midgut	2L:+:9954042-9954083	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_86038	LIVYAINDNNQLLSTNDIR	AGAP005093-PA	-	88	1.31E-08	2	2189.157	0.4	Midgut	2L:+:9956256-9956312	exon=> In CDS Exon 3 of transcript AGAP005093-PA
JHU_Ag_88754	LFQNMDVPQFK	AGAP005093-PA	-	45	0.000487822	2	1366.680	-1.54	Midgut	2L:+:9955539-9955571	exon=> In CDS Exon 3 of transcript AGAP005093-PA
JHU_Ag_89515	IDVGTGEALVVLTVEK	AGAP005093-PA	-	102	3.12E-10	2	1642.927	0.55	Midgut	2L:+:9951591-9951638	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_90676	IALLANTYDTSVR	AGAP005093-PA	-	77	1.78E-07	2	1436.773	-0.65	Midgut	2L:+:9951099-9951137	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_111886	LSLQVEAQNPNSEK	AGAP005093-PA	-	80	1.54E-07	1	1556.791	-0.23	Midgut	2L:+:9952185-9952226	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_112068	RATANVLLDVLNQFECTEGDK	AGAP005093-PA	C16(Carbamidomethyl)	75	4.58E-07	3	2393.179	0.95	Midgut	2L:+:9955266-9955328	exon=> In CDS Exon 3 of transcript AGAP005093-PA
JHU_Ag_115868	EAPTWDNIR	AGAP005093-PA	-	50	0.000100413	2	1101.532	0	Midgut	2L:+:9952419-9952445	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_116246	ATNTLLAVDTVVPLIVYVK	AGAP005093-PA	-	66	1.83E-07	2	2029.195	0.39	Midgut	2L:+:9952515-9952571	exon=> In CDS Exon 2 of transcript AGAP005093-PA
JHU_Ag_106117	LFGIR	AGAP005094-PA	-	30	0.004330014	1	605.377	0.74	Ovary	2L:-:9959941-9959927	exon=> In CDS Exon 4 of transcript AGAP005094-PA

JHU_Ag_1383	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M8(Oxidation), M14(Oxidation)	162	6.80E-16	1	2265.016	-0.17	Ovary	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_5095	EEYDESGPGIVHR	AGAP005095-PA	-	95	3.06E-09	1	1487.671	-3.51	Head	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_10505	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M8(Oxidation), M14(Oxidation)	104	4.91E-10	1	2265.024	3.27	Salivary gland	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_17311	EITALAPSTIKIK	AGAP005095-PA	-	28	0.002537066	1	1384.843	1.27	Salivary gland	2L:+:9971149-9971187	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_20496	EEYDESGPGIVHR	AGAP005095-PA	-	79	1.34E-07	1	1487.677	0.51	Ovary	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_23531	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M8(Oxidation),M14(Oxidation),"M8(Oxidation), M14(Oxidation)"	130	1.10E-12	1	2265.016	0.04	Midgut	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_28454	EITALAPSTIK	AGAP005095-PA	-	61	6.61E-06	1	1143.664	1.68	Malpighian tubule	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_30476	KDLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M9(Oxidation), M15(Oxidation)	108	2.13E-10	1	2393.110	-0.58	Pupa	2L:+:9971074-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_31628	EITALAPSTIK	AGAP005095-PA	-	60	9.00E-06	1	1143.660	-2.06	Pupa	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_31678	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	N5(Deamidated), M8(Oxidation), M14(Oxidation),"M8(Oxidation), M14(Oxidation)"	120	1.09E-11	1	2265.019	1.03	Male reproductive organs	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_33674	MQKEITALAPSTIK	AGAP005095-PA	M1(Oxidation)	100	6.85E-10	1	1530.858	1.31	Malpighian tubule	2L:+:9971140-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_33791	KDLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M9(Oxidation), M15(Oxidation)	108	2.37E-10	1	2393.109	-1.04	Ovary	2L:+:9971074-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_36591	EITALAPSTIK	AGAP005095-PA	-	51	7.14E-05	1	1143.661	-1.16	Ovary	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_41319	EEYDESGPGIVHRK	AGAP005095-PA	-	61	1.14E-05	1	1615.772	0.77	Head	2L:+:9971362-9971403	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_41784	EEYDESGPGIVHR	AGAP005095-PA	-	98	1.80E-09	1	1487.681	3.54	Male reproductive organs	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_44473	EEYDESGPGIVHR	AGAP005095-PA	-	70	9.70E-07	1	1487.678	0.92	Visceras	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_46511	EITALAPSTIK	AGAP005095-PA	-	52	3.61E-05	1	1143.671	7.8	Salivary gland	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_46677	EITALAPSTIKIK	AGAP005095-PA	-	28	0.002537066	1	1384.843	1.45	Head	2L:+:9971149-9971187	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_48336	KDLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M9(Oxidation), M15(Oxidation)	71	9.80E-07	1	2393.110	-0.65	Head	2L:+:9971074-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_49926	EEYDESGPGIVHR	AGAP005095-PA	-	82	7.37E-08	1	1487.680	2.89	Midgut	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_51822	EITALAPSTIK	AGAP005095-PA	-	60	8.42E-06	1	1143.662	-0.24	Head	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_52592	EEYDESGPGIVHRK	AGAP005095-PA	-	44	0.000636595	1	1615.777	3.34	Ovary	2L:+:9971362-9971403	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_55076	EEYDESGPGIVHR	AGAP005095-PA	-	58	1.89E-05	1	1487.691	10.03	Salivary gland	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_55593	YSVWIGGSILASLSTFQQMWISKEEYDESGPGIVHR	AGAP005095-PA	M19(Oxidation)	73	5.00E-07	1	4086.968	-5.65	Ovary	2L:+:9971212-9971227,9971309-9971400	exon=> In CDS Exon 2 and 3 of transcript AGAP005095-PA
JHU_Ag_56109	MQKEITALAPSTIK	AGAP005095-PA	-	62	4.79E-06	1	1530.857	0.91	Head	2L:+:9971140-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA

JHU_Ag_57307	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M8(Oxidation),M14(Oxidation),"M8(Oxidation), M14(Oxidation)"	104	4.74E-10	1	2265.020	1.55	Visceras	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_61311	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M8(Oxidation), M14(Oxidation)	123	5.76E-12	1	2265.023	2.95	Larva	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_64758	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M8(Oxidation),"M8(Oxidation), M14(Oxidation)",M14(Oxidation)	123	5.98E-12	1	2249.021	-0.16	Pupa	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_66473	KDLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M15(Oxidation),M9(Oxidation),"M9(Oxidation), M15(Oxidation)"	95	4.00E-09	1	2393.112	0.11	Midgut	2L:+:9971074-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_67041	EEYDESGPGIVHR	AGAP005095-PA	-	71	8.11E-07	1	1487.683	4.36	Larva	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_70091	MQKEITALAPSTIK	AGAP005095-PA	-	68	1.17E-06	1	1530.857	0.51	Pupa	2L:+:9971140-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_76002	EEYDESGPGIVHRK	AGAP005095-PA	-	61	1.24E-05	1	1615.775	2.51	Male reproductive organs	2L:+:9971362-9971403	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_76727	EEYDESGPGIVHR	AGAP005095-PA	-	84	4.58E-08	1	1487.679	1.99	Malpighian tubule	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_83258	EITALAPSTIKIK	AGAP005095-PA	-	63	7.64E-07	1	1384.843	1.18	Malpighian tubule	2L:+:9971149-9971187	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_96108	EITALAPSTIK	AGAP005095-PA	-	59	7.45E-06	1	1143.665	2.96	Larva	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_97357	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	N5(Deamidated), M14(Oxidation),M8(Oxidation),"N5(Deamidated), M8(Oxidation), M14(Oxidation)",M14(Oxidation),"M8(Oxidation), M14(Oxidation)"	144	4.52E-14	1	2265.021	2.16	Head	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_99190	EITALAPSTIK	AGAP005095-PA	-	60	8.50E-06	1	1143.662	-0.46	Male reproductive organs	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_101786	KDLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M9(Oxidation), M15(Oxidation)	101	1.07E-09	1	2393.117	2.39	Larva	2L:+:9971074-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_103970	DLYANTVMSGGTTMYPGIADRMQK	AGAP005095-PA	M8(Oxidation), M14(Oxidation), M22(Oxidation)	85	3.37E-08	1	2668.216	3.87	Malpighian tubule	2L:+:9971077-9971148	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_106426	EITALAPSTIK	AGAP005095-PA	-	54	3.57E-05	1	1143.661	-1.2	Midgut	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_107096	EITALAPSTIK	AGAP005095-PA	-	59	9.62E-06	1	1143.664	1.68	Visceras	2L:+:9971149-9971181	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_107723	KDLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M9(Oxidation), M15(Oxidation)	99	1.89E-09	1	2393.113	0.88	Male reproductive organs	2L:+:9971074-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA
JHU_Ag_112857	EEYDESGPGIVHR	AGAP005095-PA	-	95	3.57E-09	1	1487.675	-0.8	Pupa	2L:+:9971362-9971400	exon=> In CDS Exon 3 of transcript AGAP005095-PA
JHU_Ag_114195	DLYANTVMSGGTTMYPGIADR	AGAP005095-PA	M8(Oxidation),"M8(Oxidation), M14(Oxidation)",M14(Oxidation)	118	1.86E-11	2	2249.026	1.91	Malpighian tubule	2L:+:9971077-9971139	exon=> In CDS Exon 2 of transcript AGAP005095-PA

JHU_Ag_11504	YPIEHGIITNWDDMEKIWHHTFYNELR	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	104	4.04E-10	1	3457.666	6.95	Malpighian tubule	2L:+:9970408-9970488;2R:-:8003179-8003099;3L:+:26318623-26318703;3L:-:26294552-26294472	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_28984	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	140	1.44E-13	1	1976.915	4.44	Larva	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_29241	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	84	5.31E-08	1	1960.916	2.38	Malpighian tubule	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_34889	YPIEHGIITNWDDMEKIWHHTFYNELR	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	62	7.97E-06	1	3473.636	-0.28	Midgut	2L:+:9970408-9970488;2R:-:8003179-8003099;3L:+:26318623-26318703;3L:-:26294552-26294472	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_52480	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	-	49	0.000185215	1	1960.911	-0.04	Visceras	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_54995	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	73	7.60E-07	1	1960.914	1.51	Head	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_79002	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	78	2.17E-07	1	1960.916	2.38	Midgut	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_84629	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	78	2.23E-07	1	1976.907	0.61	Ovary	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_95089	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	85	5.13E-08	1	1960.915	1.95	Salivary gland	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_101166	YPIEHGIITNWDDMEKIWHHTFYNELR	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	89	1.54E-08	1	3473.657	5.57	Salivary gland	2L:+:9970488;2R:-:8003179-8003099;3L:+:26318623-26318703;3L:-:26294552-26294472	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_109070	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	143	7.55E-14	1	1960.912	0.58	Pupa	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_109676	YPIEHGIITNWDDMEKIWHHTFYNELR	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	136	3.01E-13	1	3457.653	3	Head	2L:+:9970488;2R:-:8003179-8003099;3L:+:26318623-26318703;3L:-:26294552-26294472	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_116308	YPIEHGIITNWDDMEKIWHHTFYNELR	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	49	0.000139328	1	3473.638	0.33	Ovary	2L:+:9970488;2R:-:8003179-8003099;3L:+:26318623-26318703;3L:-:26294552-26294472	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_117284	YPIEHGIITNWDDMEK	AGAP005095-PA,AGAP001676-PA,AGAP011516-PA,AGAP011514-PA	M14(Oxidation)	67	3.04E-06	1	1976.908	1.17	Male reproductive organs	2L:+:9970408-9970455;2R:-:8003179-8003132;3L:+:26318623-26318670;3L:-:26294552-26294505	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP001676-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA

JHU_Ag_273	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)","C2(Carbamidomethyl), Q10(Deamidated), M12(Oxidation)"	153	7.61E-15	2	2548.198	1.41	Head	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_3789	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)","C2(Carbamidomethyl), Q10(Deamidated), M12(Oxidation)"	135	3.84E-13	2	2564.186	-1.37	Midgut	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_5707	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)"	131	1.09E-12	2	2548.196	0.46	Male reproductive organs	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_14517	CPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C1(Carbamidomethyl), C16(Carbamidomethyl)	102	7.05E-10	1	3245.484	1.86	Malpighian tubule	2L:+:9970972-9971055;3L:+:2631 9187-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_25006	EKLCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C4(Carbamidomethyl), M14(Oxidation)	59	1.70E-05	3	2821.330	1.09	Visceras	2L:+:9970843-9970917;3L:+:2631 9058-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_27425	EKLCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C4(Carbamidomethyl), M14(Oxidation),C4(Carbamidomethyl)	138	2.34E-13	1	2821.331	1.48	Head	2L:+:9970843-9970917;3L:+:2631 9058-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_31121	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)","C2(Carbamidomethyl), Q10(Deamidated)"	164	5.92E-16	1	2548.199	1.53	Salivary gland	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_32278	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl), M12(Oxidation)	186	2.83E-18	1	2564.192	1.01	Ovary	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_48143	FRCPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C3(Carbamidomethyl), M15(Oxidation), C18(Carbamidomethyl),"C3(Carbamidomethyl), C18(Carbamidomethyl)","C3(Carbamidomethyl), C18(Carbamidomethyl), M29(Oxidation)"	118	1.95E-11	1	3548.660	3.67	Malpighian tubule	2L:+:9970966-9971055;3L:+:2631 9181-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_54525	EKLCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C4(Carbamidomethyl), M14(Oxidation)	64	5.96E-06	1	2821.338	3.68	Midgut	2L:+:9970843-9970917;3L:+:2631 9058-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_72157	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl), M12(Oxidation),"C2(Carbamidomethyl), Q10(Deamidated)"	135	3.99E-13	2	2564.185	-1.66	Pupa	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_74078	CPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C1(Carbamidomethyl), C16(Carbamidomethyl), M27(Oxidation)	43	0.000633557	1	3261.516	13.33	Larva	2L:+:9970972-9971055;3L:+:2631 9187-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA

JHU_Ag_79076	CPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C1(Carbamidomethyl), C16(Carbamidomethyl)	175	3.64E-17	1	3245.482	1.41	Visceras	2L:+:9970972-9971055;3L:+:2631 9187-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_89397	CPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C1(Carbamidomethyl), C16(Carbamidomethyl),"C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl)","C1(Carbamidomethyl), C16(Carbamidomethyl), M27(Oxidation)"	151	7.31E-15	1	3245.471	-1.97	Midgut	2L:+:9970972-9971055;3L:+:2631 9187-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_98325	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl), M12(Oxidation)	131	9.50E-13	1	2564.197	2.82	Malpighian tubule	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_99511	FRCPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C3(Carbamidomethyl), M15(Oxidation), C18(Carbamidomethyl),"C3(Carbamidomethyl), C18(Carbamidomethyl)","C3(Carbamidomethyl), C18(Carbamidomethyl), M29(Oxidation)"	65	3.08E-06	1	3564.637	-1.31	Head	2L:+:9970966-9971055;3L:+:2631 9181-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_100445	EKLCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C4(Carbamidomethyl), M14(Oxidation)	40	0.001485484	3	2821.323	-1.45	Pupa	2L:+:9970843-9970917;3L:+:2631 9058-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_101554	EKLCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C4(Carbamidomethyl), M14(Oxidation)	48	0.000224062	1	2821.328	0.18	Male reproductive organs	2L:+:9970843-9970917;3L:+:2631 9058-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_111248	LCYVALDFEQEMATAAASTSLEK	AGAP005095-PA,AGAP011516-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)"	132	9.39E-13	2	2548.204	3.62	Visceras	2L:+:9970849-9970917;3L:+:2631 9064-26319132	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_114605	CPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C1(Carbamidomethyl), Q7(Deamidated), M13(Oxidation), C16(Carbamidomethyl), M27(Oxidation),"C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl), M27(Oxidation)","C1(Carbamidomethyl), C16(Carbamidomethyl)","C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl)","C1(Carbamidomethyl), C16(Carbamidomethyl), M27(Oxidation)"	101	8.84E-10	1	3245.478	0.06	Head	2L:+:9970972-9971055;3L:+:2631 9187-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA

JHU_Ag_116538	CPEALFQPSFLGMESCGIHETVYNSIMK	AGAP005095-PA,AGAP011516-PA	C1(Carbamidomethyl), M13(Oxidation), C16(Carbamidomethyl), M27(Oxidation)	102	4.98E-10	1	3277.463	-1.23	Ovary	2L:+:9970972-9971055;3L:+:26319187-26319270	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA
JHU_Ag_22286	MTQIMFETFNSPAMYVAIQAVLSLYASGR	AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	M1(Oxidation), M5(Oxidation), M14(Oxidation)	131	1.10E-12	1	3287.583	1.28	Ovary	2L:+:9970558-9970644;3L:+:26318773-26318859;3L::26294402-26294316	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_44770	MTQIMFETFNSPAMYVAIQAVLSLYASGR	AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	M1(Oxidation), M5(Oxidation), M14(Oxidation)	62	8.21E-06	1	3287.578	-0.06	Midgut	2L:+:9970558-9970644;3L:+:26318773-26318859;3L::26294402-26294316	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_72727	MTQIMFETFNSPAMYVAIQAVLSLYASGR	AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	M1(Oxidation), M5(Oxidation), M14(Oxidation)	56	2.90E-05	1	3287.592	4.06	Larva	2L:+:9970558-9970644;3L:+:26318773-26318859;3L::26294402-26294316	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_104544	EKMTQIMFETFNSPAMYVAIQAVLSLYASGR	AGAP005095-PA,AGAP011516-PA,AGAP011514-PA	M3(Oxidation), M7(Oxidation), M16(Oxidation)	131	1.04E-12	1	3544.716	-0.16	Ovary	2L:+:9970552-9970644;3L:+:26318767-26318859;3L::26294408-26294316	exon=> In CDS Exon 2 of transcript AGAP005095-PA;exon=> In CDS Exon 1 of transcript AGAP011516-PA;exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_13447	AAWRAAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	-	90	1.19E-08	1	2095.086	1.3	Visceras	2L:-:10059803-10059747;X:+:4916298-4916323,4916449-4916479;X:+:4916298-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_30350	AAWRAAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	-	52	8.54E-05	1	2095.088	2.17	Malpighian tubule	2L:-:10059803-10059747;X:+:4916298-4916323,4916449-4916479;X:+:4916298-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_39087	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	N5(Deamidated)	115	4.90E-11	1	1610.832	1.87	Visceras	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA

JHU_Ag_46481	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	-	95	4.17E-09	2	1610.832	2.4	Salivary gland	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_59955	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	N5(Deamidated)	106	3.45E-10	1	1610.829	-0.03	Midgut	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_64441	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	-	107	2.99E-10	1	1610.836	4.82	Malpighian tubule	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_77023	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	-	51	0.000112907	2	1610.835	3.91	Larva	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_88907	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	-	82	9.05E-08	1	1610.832	2.1	Pupa	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_108068	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	-	95	4.27E-09	2	1610.829	0.5	Ovary	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA
JHU_Ag_108974	AAGLNYINYSNIAAR	AGAP005098-PA,AGAP000260-PC,AGAP000260-PA	N8(Deamidated)	125	4.77E-12	1	1610.830	0.66	Head	2L:-:10059791-10059747;X:+:4916310-4916323,4916449-4916479;X:+:4916310-4916323,4916449-4916479	exon=> In CDS Exon 1 of transcript AGAP005098-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP000260-PA

JHU_Ag_8987	DGILVDEFGLPK	AGAP005100-PA	-	72	1.15E-06	1	1302.693	-0.51	Ovary	2L:+:10117453-10117488	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_9109	EPGPSISDCISGVDAR	AGAP005100-PA	C9(Carbamidomethyl)	64	4.23E-06	1	1659.773	5.05	Head	2L:+:10116786-10116821,10116907-10116918	exon=> In CDS Exon 1 and 2 of transcript AGAP005100-PA
JHU_Ag_14209	DGILVDEFGLPK	AGAP005100-PA	-	56	4.58E-05	1	1302.695	0.43	Male reproductive organs	2L:+:10117453-10117488	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_16990	IPASVKTT	AGAP005100-PA	-	37	0.003519452	2	816.484	2.26	Salivary gland	2L:+:10117489-10117512	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_27619	TYGMPELDDDELQAELDALGDEIALDDDASYLDDVVK	AGAP005100-PA	M4(Oxidation)	174	3.24E-17	1	4087.834	2.69	Ovary	2L:+:10117291-10117401	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_43260	EPGPSISDCISGVDAR	AGAP005100-PA	C9(Carbamidomethyl)	67	2.37E-06	1	1659.770	3.58	Male reproductive organs	2L:+:10116786-10116821,10116907-10116918	exon=> In CDS Exon 1 and 2 of transcript AGAP005100-PA
JHU_Ag_54326	TLDNELRK	AGAP005100-PA	-	48	0.000292441	1	988.539	-2.79	Head	2L:+:10116946-10116969	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_56459	APEAPDKEPGADSVTNK	AGAP005100-PA	-	111	1.17E-10	1	1725.830	0.42	Ovary	2L:+:10117402-10117452	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_67612	DGILVDEFGLPK	AGAP005100-PA	-	85	5.84E-08	1	1302.697	2.3	Head	2L:+:10117453-10117488	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_67939	KQYESQVENLR	AGAP005100-PA	-	67	2.65E-06	1	1393.707	0.1	Head	2L:+:10117054-10117086	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_74721	APEAPDKEPGADSVTNK	AGAP005100-PA	-	47	0.000270763	1	1725.835	3.39	Head	2L:+:10117402-10117452	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_92403	QYESQVENLR	AGAP005100-PA	-	48	0.000236035	2	1265.610	-1.43	Ovary	2L:+:10117057-10117086	exon=> In CDS Exon 2 of transcript AGAP005100-PA
JHU_Ag_108324	EPGPSISDCISGVDAR	AGAP005100-PA	C9(Carbamidomethyl)	77	2.47E-07	1	1659.766	1.01	Ovary	2L:+:10116786-10116821,10116907-10116918	exon=> In CDS Exon 1 and 2 of transcript AGAP005100-PA
JHU_Ag_2123	INLIK	AGAP005101-PA	-	32	0.003397786	1	600.407	-1	Midgut	2L:-:10121290-10121513,10120999-10121210	exon=> In CDS Exon 7 and 6 of transcript AGAP005101-PA
JHU_Ag_42297	LQLQLR	AGAP005101-PA	Q2(Deamidated)	37	0.001690745	2	771.473	0.46	Malpighian tubule	2L:-:10120007-10119990	exon=> In CDS Exon 9 of transcript AGAP005101-PA
JHU_Ag_56440	LQLQLR	AGAP005101-PA	Q2(Deamidated)	36	0.001888331	2	771.474	2.04	Ovary	2L:-:10120007-10119990	exon=> In CDS Exon 9 of transcript AGAP005101-PA
JHU_Ag_95114	INLIK	AGAP005101-PA	-	30	0.005226321	1	600.410	2.76	Larva	2L:-:10121290-10121513,10120999-10121210	exon=> In CDS Exon 7 and 6 of transcript AGAP005101-PA
JHU_Ag_31106	ELLLK	AGAP005101-PA,AGAP011296-PA,AGAP001905-PA,AGAP013161-PA,AGAP002732-PA	-	34	0.001493801	1	615.407	-0.64	Midgut	2L:-:10122821-10122807;3L:+:20675922-20675936;2R:+:11981473-11981487;2R:-:20802132-20802118;2R:+:26331649-26331663	exon=> In CDS Exon 4 of transcript AGAP005101-PA;exon=> In CDS Exon 1 of transcript AGAP011296-PA;exon=> In CDS Exon 3 of transcript AGAP001905-PA;exon=> In CDS Exon 1 of transcript AGAP013161-PA;exon=> In CDS Exon 6 of transcript AGAP002732-PA
JHU_Ag_40728	MEVASPNNDHLSK	AGAP005102-PA	N-Term(Acetyl), M1(Oxidation)	63	4.21E-06	2	1499.681	0.77	Male reproductive organs	2L:-:10127661-10127623	exon=> In CDS Exon 1 of transcript AGAP005102-PA
JHU_Ag_41028	ILVIGAGGLGCELLK	AGAP005102-PA	C11(Carbamidomethyl)	110	3.98E-11	1	1512.881	-0.34	Ovary	2L:-:10127517-10127661,10126240-10127401	exon=> In CDS Exon 2 and 1 of transcript AGAP005102-PA
JHU_Ag_47522	DGQEIMVADITTPNTILIK	AGAP005102-PA	M6(Oxidation)	57	2.23E-05	2	2088.095	2.69	Head	2L:-:10126332-10126276	exon=> In CDS Exon 2 of transcript AGAP005102-PA

JHU_Ag_53680	LVQGVLK	AGAP005102-PA	-	36	0.001413491	2	756.499	1.63	Ovary	2L:-:10126755-10126735	exon=> In CDS Exon 2 of transcript AGAP005102-PA
JHU_Ag_61888	LPEHCIEYVK	AGAP005102-PA	C5(Carbamidomethyl)	44	0.000645458	1	1287.636	-3.07	Male reproductive organs	2L:-:10126923-10126894	exon=> In CDS Exon 2 of transcript AGAP005102-PA
JHU_Ag_92923	SPGLTAVLEGK	AGAP005102-PA	-	68	2.31E-06	1	1071.606	0.94	Ovary	2L:-:10126455-10126423	exon=> In CDS Exon 2 of transcript AGAP005102-PA
JHU_Ag_103430	IQDFDSAFYR	AGAP005102-PA	-	47	0.000241171	2	1261.589	3.34	Ovary	2L:-:10127217-10127188	exon=> In CDS Exon 2 of transcript AGAP005102-PA
JHU_Ag_114202	ANSFNITGLSYR	AGAP005102-PA	-	89	1.80E-08	1	1342.675	-0.22	Ovary	2L:-:10126791-10126756	exon=> In CDS Exon 2 of transcript AGAP005102-PA
JHU_Ag_12830	ITGLDPANPCFNEGESLSGIQR	AGAP005103-PA	C10(Carbamidomethyl)	88	2.44E-08	2	2375.128	-0.83	Visceras	2L:-:10140448-10140383	exon=> In CDS Exon 3 of transcript AGAP005103-PA
JHU_Ag_16683	ITGLDPANPCFNEGESLSGIQR	AGAP005103-PA	C10(Carbamidomethyl)	41	0.001251759	2	2375.143	5.64	Ovary	2L:-:10140448-10140383	exon=> In CDS Exon 3 of transcript AGAP005103-PA
JHU_Ag_21027	ITGLDPANPCFNEGESLSGIQR	AGAP005103-PA	C10(Carbamidomethyl)	86	3.74E-08	2	2375.136	2.45	Head	2L:-:10140448-10140383	exon=> In CDS Exon 3 of transcript AGAP005103-PA
JHU_Ag_105388	RDPIGDADFYPNGVVSVQPGCLDPACSHK	AGAP005103-PA	C21(Carbamidomethyl), C26(Carbamidomethyl)	112	8.16E-11	1	3171.468	1.65	Head	2L:-:10140328-10140525,10139878-10140082	exon=> In CDS Exon 5 and 3 of transcript AGAP005103-PA
JHU_Ag_116955	GNFFLK	AGAP005103-PA	-	36	0.001274658	2	725.397	-1.01	Head	2L:-:10139931-10139914	exon=> In CDS Exon 5 of transcript AGAP005103-PA
JHU_Ag_114944	IINEMR	AGAP005105-PA	-	43	0.001357793	2	775.414	1.03	Larva	2L:+:10150697-10150714	exon=> In CDS Exon 3 of transcript AGAP005105-PA
JHU_Ag_21382	VPIEQIR	AGAP005106-PA	Q5(Deamidated)	33	0.002885067	2	855.495	1.89	Salivary gland	2L:+:10166936-10166956	exon=> In CDS Exon 4 of transcript AGAP005106-PA
JHU_Ag_21865	LAPAIR	AGAP005106-PA	-	24	0.002055749	1	640.414	-0.55	Midgut	2L:+:10166738-10166755	exon=> In CDS Exon 4 of transcript AGAP005106-PA
JHU_Ag_57088	LLINIR	AGAP005106-PB	-	43	0.000101256	2	741.500	3.11	Larva	2L:+:10160757-10160774	exon=> In CDS Exon 4 of transcript AGAP005106-PB
JHU_Ag_4531	IAGDVVNR	AGAP005108-PA	-	51	9.42E-05	2	843.468	-0.26	Midgut	2L:+:10198732-10198753,10199316-10199317	exon=> In CDS Exon 1 and 2 of transcript AGAP005108-PA
JHU_Ag_10834	TLQAIVK	AGAP005108-PA	-	49	5.70E-05	1	772.494	1.15	Ovary	2L:+:10199318-10199338	exon=> In CDS Exon 2 of transcript AGAP005108-PA
JHU_Ag_15813	TLQAIVK	AGAP005108-PA	-	41	0.00026732	2	772.492	-0.59	Pupa	2L:+:10199318-10199338	exon=> In CDS Exon 2 of transcript AGAP005108-PA
JHU_Ag_24230	QTDQELTIEDPTVIEK	AGAP005108-PA	-	92	1.01E-08	1	1858.927	-0.83	Ovary	2L:+:10198678-10198725	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_38140	TLQAIVK	AGAP005108-PA	-	37	0.000923084	1	772.494	1.54	Salivary gland	2L:+:10199318-10199338	exon=> In CDS Exon 2 of transcript AGAP005108-PA
JHU_Ag_42010	IAGDVVNR	AGAP005108-PA	-	62	8.81E-06	2	843.469	0.69	Malpighian tubule	2L:+:10198732-10198753,10199316-10199317	exon=> In CDS Exon 1 and 2 of transcript AGAP005108-PA
JHU_Ag_43410	TLQAIVKECVAGASVK	AGAP005108-PA	C9(Carbamidomethyl)	71	4.16E-07	1	1673.930	2.72	Ovary	2L:+:10199318-10199365	exon=> In CDS Exon 2 of transcript AGAP005108-PA
JHU_Ag_59980	QTDQELTIEDPTVIEK	AGAP005108-PA	-	70	1.29E-06	2	1858.949	11.18	Midgut	2L:+:10198678-10198725	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_60178	QTDQELTIEDPTVIEK	AGAP005108-PA	-	86	3.64E-08	1	1858.930	1	Salivary gland	2L:+:10198678-10198725	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_61310	QTDQELTIEDPTVIEK	AGAP005108-PA	-	81	1.33E-07	2	1858.931	1.73	Pupa	2L:+:10198678-10198725	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_69800	QTDQELTIEDPTVIEK	AGAP005108-PA	-	94	6.23E-09	1	1858.938	5.54	Larva	2L:+:10198678-10198725	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_70561	IAGDVVNR	AGAP005108-PA	-	68	1.60E-06	2	843.470	2.42	Larva	2L:+:10198732-10198753,10199316-10199317	exon=> In CDS Exon 1 and 2 of transcript AGAP005108-PA

JHU_Ag_72427	QTDQELTIEDPTVIEK	AGAP005108-PA	-	73	6.73E-07	2	1858.926	-0.9	Malpighian tubule	2L:+:10198678-10198725	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_75384	IAGDVVNR	AGAP005108-PA	-	69	1.58E-06	2	843.468	-0.69	Ovary	2L:+:10198732-10198753,10199316-10199317	exon=> In CDS Exon 1 and 2 of transcript AGAP005108-PA
JHU_Ag_77260	QTDQELTIEDPTVIEK	AGAP005108-PA	-	74	5.93E-07	2	1858.932	2.32	Head	2L:+:10198678-10198725	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_91516	QTDQELTIEDPTVIEKYR	AGAP005108-PA	-	86	3.84E-08	1	2178.094	0.79	Malpighian tubule	2L:+:10198678-10198731	exon=> In CDS Exon 1 of transcript AGAP005108-PA
JHU_Ag_96133	IAGDVVNR	AGAP005108-PA	-	45	0.000285868	2	843.479	12.77	Male reproductive organs	2L:+:10198732-10198753,10199316-10199317	exon=> In CDS Exon 1 and 2 of transcript AGAP005108-PA
JHU_Ag_100365	IAGDVVNR	AGAP005108-PA	-	67	1.86E-06	2	843.470	1.99	Salivary gland	2L:+:10198732-10198753,10199316-10199317	exon=> In CDS Exon 1 and 2 of transcript AGAP005108-PA
JHU_Ag_111551	TLQAIVKECVAGASVK	AGAP005108-PA	C9(Carbamidomethyl)	88	1.01E-08	2	1673.928	1.33	Malpighian tubule	2L:+:10199318-10199365	exon=> In CDS Exon 2 of transcript AGAP005108-PA
JHU_Ag_599	LGVNECVTHK	AGAP005108-PA,AGAP005108-PB	C6(Carbamidomethyl)	56	2.60E-05	1	1156.578	0.28	Malpighian tubule	2L:+:10201270-10201299;2L:+:10201270-10201299	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_3731	HNEYVAQFK	AGAP005108-PA,AGAP005108-PB	-	60	1.51E-05	1	1135.553	-0.18	Head	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	exon=> In CDS Exon 4 and 5 of transcript AGAP005108-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PB
JHU_Ag_3782	GIAFPTCLSVNNCICHFSPAR	AGAP005108-PA,AGAP005108-PB	C7(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	46	0.000326109	1	2421.132	2.49	Malpighian tubule	2L:+:10199871-10199933;2L:+:10199871-10199933	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_3955	YTVLITANGKK	AGAP005108-PA,AGAP005108-PB	N8(Deamidated)	64	1.95E-06	1	1208.689	0.68	Salivary gland	2L:+:10201718-10201750;2L:+:10201718-10201750	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_4223	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	79	7.37E-08	1	1226.711	0.61	Salivary gland	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_7949	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	37	0.002092781	3	1726.925	0.91	Visceras	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_9995	YTVLITANGKK	AGAP005108-PA,AGAP005108-PB	N8(Deamidated)	35	0.001581139	3	1208.687	-0.95	Pupa	2L:+:10201718-10201750;2L:+:10201718-10201750	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_12706	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	111	8.50E-11	1	1726.920	-2.16	Male reproductive organs	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_12799	LGVNECVTHK	AGAP005108-PA,AGAP005108-PB	C6(Carbamidomethyl)	37	0.002078375	2	1156.581	2.82	Head	2L:+:10201270-10201299;2L:+:10201270-10201299	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_13165	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	87	3.32E-08	1	1394.694	2.01	Malpighian tubule	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_13873	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	45	0.000179181	2	1226.710	-0.39	Head	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB

JHU_Ag_14131	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	86	3.86E-08	1	1394.693	1.14	Ovary	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_14947	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	154	4.48E-15	1	1726.923	-0.36	Salivary gland	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_17521	AFIGEVK	AGAP005108-PA,AGAP005108-PB	-	39	0.001254874	1	763.435	0.73	Ovary	2L:+:10200441-10200455,10201204-10201209;2L:+:10200441-10200455,10201204-10201209	exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005108-PB
JHU_Ag_18731	YTVLITANGKK	AGAP005108-PA,AGAP005108-PB	N8(Deamidated)	52	2.87E-05	1	1208.689	0.07	Malpighian tubule	2L:+:10201718-10201750;2L:+:10201718-10201750	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_18948	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	71	1.13E-06	2	1394.687	-2.89	Head	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_22243	NFEEEAK	AGAP005108-PA,AGAP005108-PB	-	40	0.000826961	1	866.388	-1.32	Midgut	2L:+:10201243-10201263;2L:+:10201243-10201263	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_23989	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	N5(Deamidated)	93	8.04E-09	1	1394.692	0.43	Pupa	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_24818	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	88	2.60E-08	2	1394.691	-0.35	Visceras	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_25335	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	93	8.53E-09	1	1394.690	-0.79	Male reproductive organs	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_27238	GRAADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	99	7.05E-10	1	1940.054	4.16	Malpighian tubule	2L:+:10200063-10200119;2L:+:10200063-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_27344	NDPDYVLK	AGAP005108-PA,AGAP005108-PB	-	40	0.00184572	2	963.478	-0.03	Ovary	2L:+:10199934-10199957;2L:+:10199934-10199957	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_27408	YGTMPFNLR	AGAP005108-PA,AGAP005108-PB	M4(Oxidation)	48	0.000148295	2	1114.536	0.59	Salivary gland	2L:+:10201216-10201242;2L:+:10201216-10201242	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_28723	YGTMPFNLR	AGAP005108-PA,AGAP005108-PB	M4(Oxidation)	55	2.81E-05	2	1114.535	0.04	Ovary	2L:+:10201216-10201242;2L:+:10201216-10201242	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_31082	YEVYAMDVLISTGEGLGK	AGAP005108-PA,AGAP005108-PB	M6(Oxidation)	39	0.002296392	1	1960.955	-1.37	Ovary	2L:+:10200315-10200368;2L:+:10200315-10200368	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_31129	NDPDYVLKENDVVK	AGAP005108-PA,AGAP005108-PB	-	64	6.53E-06	1	1647.827	2.92	Ovary	2L:+:10199934-10199975;2L:+:10199934-10199975	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_34950	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	134	3.76E-13	1	1726.926	1.55	Malpighian tubule	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB

JHU_Ag_35313	HNEYVAQFK	AGAP005108-PA,AGAP005108-PB	-	42	0.000930662	1	1135.552	-0.94	Salivary gland	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	exon=> In CDS Exon 4 and 5 of transcript AGAP005108-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PB
JHU_Ag_39364	GIAFPTCLSVNNCICHFSPAR	AGAP005108-PA,AGAP005108-PB	C7(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	68	2.50E-06	2	2421.128	0.85	Ovary	2L:+:10199871-10199933;2L:+:10199871-10199933	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_39799	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	126	2.88E-12	1	1726.927	1.73	Head	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_42532	KTDENYMLK	AGAP005108-PA,AGAP005108-PB	-	37	0.001950695	2	1141.558	1.61	Salivary gland	2L:+:10200399-10200425;2L:+:10200399-10200425	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_43963	VVTGHPFDENCYESEHSVQDEEMK	AGAP005108-PA,AGAP005108-PB	C11(Carbamidomethyl), M23(Oxidation)	31	0.00200897	1	2882.177	-4	Head	2L:+:10201751-10201822;2L:+:10201751-10201822	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_45587	NFEEEAK	AGAP005108-PA,AGAP005108-PB	-	50	7.64E-05	1	866.390	1.01	Malpighian tubule	2L:+:10201243-10201263;2L:+:10201243-10201263	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_45659	LGVNECVTHK	AGAP005108-PA,AGAP005108-PB	C6(Carbamidomethyl)	65	3.85E-06	1	1156.580	1.87	Ovary	2L:+:10201270-10201299;2L:+:10201270-10201299	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_46032	VVTGHPFDENCYESEHSVQDEEMK	AGAP005108-PA,AGAP005108-PB	C11(Carbamidomethyl), M23(Oxidation)	71	2.16E-07	1	2882.188	-0.16	Larva	2L:+:10201751-10201822;2L:+:10201751-10201822	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_46253	TIIQNPTIAQKK	AGAP005108-PA,AGAP005108-PB	-	31	0.001921887	1	1354.809	2.89	Ovary	2L:+:10200252-10200287;2L:+:10200252-10200287	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_46915	KTDENYMLK	AGAP005108-PA,AGAP005108-PB	M7(Oxidation)	61	8.01E-06	2	1157.549	-1.09	Ovary	2L:+:10200399-10200425;2L:+:10200399-10200425	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_51100	HNEYVAQFK	AGAP005108-PA,AGAP005108-PB	-	63	8.47E-06	2	1135.550	-3.08	Malpighian tubule	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	exon=> In CDS Exon 4 and 5 of transcript AGAP005108-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PB
JHU_Ag_51364	HNEYVAQFK	AGAP005108-PA,AGAP005108-PB	-	55	4.65E-05	2	1135.553	-0.18	Midgut	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	exon=> In CDS Exon 4 and 5 of transcript AGAP005108-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PB
JHU_Ag_54553	MVEPFQVLYEK	AGAP005108-PA,AGAP005108-PB	M1(Oxidation),"M1(Oxidation), Q6(Deamidated)"	67	2.61E-06	2	1382.702	-0.23	Midgut	2L:+:10201300-10201332;2L:+:10201300-10201332	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_59931	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	88	2.50E-08	2	1394.692	0.61	Salivary gland	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB

JHU_Ag_60182	NDPDYVLKENDVVK	AGAP005108-PA,AGAP005108-PB	-	85	5.21E-08	1	1647.824	0.62	Salivary gland	2L:+:10199934-10199975;2L:+:10199934-10199975	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_60474	LGVNECVTHK	AGAP005108-PA,AGAP005108-PB	C6(Carbamidomethyl)	59	1.17E-05	2	1156.578	-0.24	Male reproductive organs	2L:+:10201270-10201299;2L:+:10201270-10201299	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_61071	YTVLITANGK	AGAP005108-PA,AGAP005108-PB	N8(Deamidated)	61	7.06E-06	2	1080.594	-0.03	Pupa	2L:+:10201718-10201747;2L:+:10201718-10201747	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_63160	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	48	8.69E-05	2	1226.713	2.3	Larva	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_64175	MVEPFQVLYEK	AGAP005108-PA,AGAP005108-PB	M1(Oxidation)	71	1.16E-06	1	1398.695	-1.48	Ovary	2L:+:10201300-10201332;2L:+:10201300-10201332	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_64274	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	39	0.000771424	1	1226.709	-0.88	Visceras	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_64463	NFEEEAKAK	AGAP005108-PA,AGAP005108-PB	-	44	0.000591325	1	1065.520	-0.69	Malpighian tubule	2L:+:10201243-10201269;2L:+:10201243-10201269	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_65741	VVTGHPFDENCYESEHSVQDEEMK	AGAP005108-PA,AGAP005108-PB	C11(Carbamidomethyl), M23(Oxidation)	94	1.05E-09	1	2882.175	-4.56	Ovary	2L:+:10201751-10201822;2L:+:10201751-10201822	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_67263	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	143	4.69E-14	1	1726.925	0.59	Pupa	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_68079	YGTMPFNLR	AGAP005108-PA,AGAP005108-PB	M4(Oxidation)	61	7.26E-06	2	1114.535	-0.4	Midgut	2L:+:10201216-10201242;2L:+:10201216-10201242	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_69564	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	49	6.99E-05	2	1226.711	0.81	Ovary	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_69983	YTVLITANGK	AGAP005108-PA,AGAP005108-PB	N8(Deamidated)	65	2.78E-06	2	1080.595	1.21	Ovary	2L:+:10201718-10201747;2L:+:10201718-10201747	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_70874	YGTMPFNLR	AGAP005108-PA,AGAP005108-PB	M4(Oxidation)	57	1.90E-05	2	1114.536	0.48	Malpighian tubule	2L:+:10201216-10201242;2L:+:10201216-10201242	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_72433	MVEPFQVLYEK	AGAP005108-PA,AGAP005108-PB	M1(Oxidation)	56	3.61E-05	2	1398.700	2.1	Pupa	2L:+:10201300-10201332;2L:+:10201300-10201332	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_75282	IDMGAHIDGFIAVAAHTIVVGATPENK	AGAP005108-PA,AGAP005108-PB	M3(Oxidation)	69	1.39E-06	1	2747.421	0.78	Salivary gland	2L:+:10199976-10200056;2L:+:10199976-10200056	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_75359	KTDENYMLK	AGAP005108-PA,AGAP005108-PB	-	55	2.73E-05	2	1141.556	0.32	Malpighian tubule	2L:+:10200399-10200425;2L:+:10200399-10200425	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_77116	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	141	7.07E-14	1	1726.933	5.2	Larva	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_77171	YTVLITANGK	AGAP005108-PA,AGAP005108-PB	-	57	9.09E-06	2	1079.610	0.09	Malpighian tubule	2L:+:10201718-10201747;2L:+:10201718-10201747	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB

JHU_Ag_77733	TDENYMLK	AGAP005108-PA,AGAP005108-PB	M6(Oxidation)	53	2.13E-05	1	1029.454	-2.05	Ovary	2L:+:10200402-10200425;2L:+:10200402-10200425	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_77971	CKPIEGMLSHQLK	AGAP005108-PA,AGAP005108-PB	C1(Carbamidomethyl), M7(Oxidation)	49	0.000175442	1	1556.794	1	Ovary	2L:+:10200189-10200227;2L:+:10200189-10200227	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_81156	CDFEKYEVYAMDVLISTGEGLGK	AGAP005108-PA,AGAP005108-PB	C1(Carbamidomethyl), M11(Oxidation)	78	2.14E-07	1	2640.217	-1.5	Ovary	2L:+:10200300-10200368;2L:+:10200300-10200368	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_84015	GIAFPTCLSVNNCICHFSPAR	AGAP005108-PA,AGAP005108-PB	C7(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl)	68	2.37E-06	1	2421.131	2.11	Salivary gland	2L:+:10199871-10199933;2L:+:10199871-10199933	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_85277	MVEPFQVLYEK	AGAP005108-PA,AGAP005108-PB	M1(Oxidation)	49	0.000152379	1	1398.698	0.36	Male reproductive organs	2L:+:10201300-10201332;2L:+:10201300-10201332	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_85452	HNEYVAQFK	AGAP005108-PA,AGAP005108-PB	-	68	2.17E-06	1	1135.554	0.68	Pupa	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	exon=> In CDS Exon 4 and 5 of transcript AGAP005108-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PB
JHU_Ag_85651	TIIQNPTIAQKK	AGAP005108-PA,AGAP005108-PB	-	64	1.21E-06	1	1354.805	-0.26	Malpighian tubule	2L:+:10200252-10200287;2L:+:10200252-10200287	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_87748	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	59	6.88E-06	2	1226.710	-0.29	Midgut	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_89716	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	-	140	9.87E-14	1	1726.923	-0.6	Midgut	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_92054	VVTGHPFDENCYESEHSVQDEEMK	AGAP005108-PA,AGAP005108-PB	C11(Carbamidomethyl)	27	0.006206146	1	2866.196	1.06	Midgut	2L:+:10201751-10201822;2L:+:10201751-10201822	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_92744	IDMGAHIDGFIAVAAHTIVVGATPENK	AGAP005108-PA,AGAP005108-PB	M3(Oxidation)	67	1.76E-06	1	2763.436	8.18	Larva	2L:+:10199976-10200056;2L:+:10199976-10200056	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_94005	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	43	0.000300119	2	1226.709	-0.79	Male reproductive organs	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_94315	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	90	1.54E-08	1	1394.691	0	Midgut	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_95514	YTVLITANGK	AGAP005108-PA,AGAP005108-PB	N8(Deamidated)	64	2.12E-06	2	1079.610	0.31	Salivary gland	2L:+:10201718-10201747;2L:+:10201718-10201747	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_96605	VVTGHPFDENCYESEHSVQDEEMK	AGAP005108-PA,AGAP005108-PB	C11(Carbamidomethyl),"C11(Carbamidomethyl), M23(Oxidation)"	134	1.26E-13	1	2866.193	0.03	Salivary gland	2L:+:10201751-10201822;2L:+:10201751-10201822	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB

JHU_Ag_97140	AFIGEVK	AGAP005108-PA,AGAP005108-PB	-	37	0.002211058	2	763.435	0.18	Salivary gland	2L:+:10200441-10200455,10201204-10201209;2L:+:10200441-10200455,10201204-10201209	exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005108-PB
JHU_Ag_98805	YTVLITANGK	AGAP005108-PA,AGAP005108-PB	N8(Deamidated)	43	0.000456902	2	1080.595	1.44	Male reproductive organs	2L:+:10201718-10201747;2L:+:10201718-10201747	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_99197	MVEPFQVLYEK	AGAP005108-PA,AGAP005108-PB	-	52	8.81E-05	1	1382.707	3.57	Malpighian tubule	2L:+:10201300-10201332;2L:+:10201300-10201332	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_99255	IDMGAHIDGFIAVAAHTIVVGATPENK	AGAP005108-PA,AGAP005108-PB	M3(Oxidation)	159	1.37E-15	1	2763.414	0.28	Ovary	2L:+:10199976-10200056;2L:+:10199976-10200056	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_101963	AADVVLAAYHASQAALR	AGAP005108-PA,AGAP005108-PB	Q13(Deamidated)	145	3.00E-14	1	1726.926	1.33	Ovary	2L:+:10200069-10200119;2L:+:10200069-10200119	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_103380	VVTGHPFDENCYESEHSVQDEEMKNLLAGK	AGAP005108-PA,AGAP005108-PB	C11(Carbamidomethyl),"C11(Carbamidomethyl),M23(Oxidation)"	140	1.01E-13	1	3462.567	2.67	Malpighian tubule	2L:+:10201751-10201840;2L:+:10201751-10201840	exon=> In CDS Exon 5 of transcript AGAP005108-PA;exon=> In CDS Exon 4 of transcript AGAP005108-PB
JHU_Ag_104112	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	56	1.48E-05	2	1226.708	-1.68	Pupa	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_110193	AGTGNYAVTDAVQK	AGAP005108-PA,AGAP005108-PB	-	93	7.45E-09	1	1394.696	3.5	Larva	2L:+:10200129-10200170;2L:+:10200129-10200170	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_110243	HNEYVAQFK	AGAP005108-PA,AGAP005108-PB	-	59	1.71E-05	2	1135.555	1.54	Larva	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	exon=> In CDS Exon 4 and 5 of transcript AGAP005108-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PB
JHU_Ag_110623	TIIQNPTIAQK	AGAP005108-PA,AGAP005108-PB	-	69	7.16E-07	1	1226.712	1.01	Malpighian tubule	2L:+:10200252-10200284;2L:+:10200252-10200284	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_111891	HNEYVAQFK	AGAP005108-PA,AGAP005108-PB	-	64	5.58E-06	1	1135.552	-0.83	Ovary	2L:+:10201333-10201336,10201695-10201717;2L:+:10201333-10201336,10201695-10201717	exon=> In CDS Exon 4 and 5 of transcript AGAP005108-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PB
JHU_Ag_112192	AFIGEVK	AGAP005108-PA,AGAP005108-PB	-	37	0.002145854	2	763.436	0.89	Malpighian tubule	2L:+:10200441-10200455,10201204-10201209;2L:+:10200441-10200455,10201204-10201209	exon=> In CDS Exon 3 and 4 of transcript AGAP005108-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005108-PB
JHU_Ag_112347	MVEPFQVLYEK	AGAP005108-PA,AGAP005108-PB	M1(Oxidation)	57	2.85E-05	2	1398.704	4.72	Larva	2L:+:10201300-10201332;2L:+:10201300-10201332	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB

JHU_Ag_113080	LGVNECVTHK	AGAP005108-PA,AGAP005108-PB	C6(Carbamidomethyl)	50	0.000108212	1	1156.579	1.02	Pupa	2L:+:10201270-10201299;2L:+:10201270-10201299	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_115892	MVEPFQVLYEK	AGAP005108-PA,AGAP005108-PB	M1(Oxidation)	54	5.20E-05	1	1398.698	0.36	Salivary gland	2L:+:10201300-10201332;2L:+:10201300-10201332	exon=> In CDS Exon 4 of transcript AGAP005108-PA;exon=> In CDS Exon 3 of transcript AGAP005108-PB
JHU_Ag_117289	NDPDYVLKENDVVK	AGAP005108-PA,AGAP005108-PB	-	78	2.98E-07	1	1647.822	-0.27	Midgut	2L:+:10199934-10199975;2L:+:10199934-10199975	exon=> In CDS Exon 3 of transcript AGAP005108-PA;exon=> In CDS Exon 2 of transcript AGAP005108-PB
JHU_Ag_3134	NTIHFIHR	AGAP005109-PA	-	40	0.000955589	2	1037.563	-0.53	Visceras	2L:-:10203015-10202992	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_6839	HYYNEGVK	AGAP005109-PA	-	45	0.000320195	1	1009.468	-5.24	Head	2L:-:10203039-10203016	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_7175	YATAMKPHIESVK	AGAP005109-PA	M5(Oxidation)	74	7.05E-07	1	1490.766	-0.82	Midgut	2L:-:10203209-10203171	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_18810	QEGIWEEDTEK	AGAP005109-PA	-	66	1.80E-06	1	1363.601	-0.56	Head	2L:-:10203254-10203222	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_18902	QQIPLDIPALPSSGELCFVTK	AGAP005109-PA	C17(Carbamidomethyl)	44	0.000340508	2	2313.228	5.01	Visceras	2L:-:10203170-10203303,10202875-10203040	exon=> In CDS Exon 3 and 2 of transcript AGAP005109-PA
JHU_Ag_19046	QQIPLDIPALPSSGELCFVTK	AGAP005109-PA	C17(Carbamidomethyl)	55	2.88E-05	2	2313.222	2.68	Head	2L:-:10203170-10203303,10202875-10203040	exon=> In CDS Exon 3 and 2 of transcript AGAP005109-PA
JHU_Ag_53217	LPCYAGQWAK	AGAP005109-PA	C3(Carbamidomethyl)	35	0.004918298	1	1193.576	-0.85	Head	2L:-:10202991-10202962	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_57154	LPCYAGQWAK	AGAP005109-PA	C3(Carbamidomethyl)	40	0.001354612	1	1193.576	-0.85	Visceras	2L:-:10202991-10202962	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_57284	YATAMKPHIESVK	AGAP005109-PA	-	37	0.00305251	1	1474.773	0.7	Malpighian tubule	2L:-:10203209-10203171	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_57892	LPCYAGQWAK	AGAP005109-PA	C3(Carbamidomethyl)	46	0.000347623	1	1193.579	1.4	Malpighian tubule	2L:-:10202991-10202962	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_61136	VGLAGGAVYYSK	AGAP005109-PA	-	90	9.52E-09	2	1184.627	-3.72	Midgut	2L:-:10203290-10203255	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_69589	QALDAQPAPPKAEPAAAVTK	AGAP005109-PA	-	70	8.26E-07	1	1974.066	0.44	Visceras	2L:-:10202940-10202881	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_70347	QQIPLDIPALPSSGELCFVTK	AGAP005109-PA	C17(Carbamidomethyl)	44	0.000418095	2	2313.216	0.05	Midgut	2L:-:10203170-10203303,10202875-10203040	exon=> In CDS Exon 3 and 2 of transcript AGAP005109-PA
JHU_Ag_72710	YATAMKPHIESVK	AGAP005109-PA	M5(Oxidation)	67	3.67E-06	1	1490.767	-0.31	Head	2L:-:10203209-10203171	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_76453	VGLAGGAVYYSK	AGAP005109-PA	-	77	1.96E-07	2	1184.630	-0.73	Visceras	2L:-:10203290-10203255	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_80175	QALDAQPAPPK	AGAP005109-PA	-	56	3.46E-05	2	1135.614	2.89	Visceras	2L:-:10202940-10202908	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_93751	NTIHFIHR	AGAP005109-PA	-	34	0.003874996	2	1037.563	-1	Head	2L:-:10203015-10202992	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_93798	VGLAGGAVYYSK	AGAP005109-PA	-	48	0.000122357	2	1184.635	3.49	Malpighian tubule	2L:-:10203290-10203255	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_94102	LPCYAGQWAK	AGAP005109-PA	C3(Carbamidomethyl)	39	0.002026406	1	1193.580	2.28	Midgut	2L:-:10202991-10202962	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_101692	QEGIWEEDTEKVYER	AGAP005109-PA	-	39	0.001546215	1	1910.882	2.49	Visceras	2L:-:10203254-10203210	exon=> In CDS Exon 2 of transcript AGAP005109-PA
JHU_Ag_104015	AEPAAAVTK	AGAP005109-PA	-	43	0.00049687	1	857.474	1.37	Head	2L:-:10202907-10202881	exon=> In CDS Exon 3 of transcript AGAP005109-PA
JHU_Ag_111299	QALDAQPAPPKAEPAAAVTK	AGAP005109-PA	-	54	4.23E-05	1	1974.053	-6.34	Midgut	2L:-:10202940-10202881	exon=> In CDS Exon 3 of transcript AGAP005109-PA

JHU_Ag_4946	NITSFIQSLLR	AGAP005110-PA	-	76	1.15E-07	2	1291.737	0.34	Malpighian tubule	2L:+:10205172-10205204	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_8858	TLTGIVVDSGDGVTHVIPVAEGYVIGSCIK	AGAP005110-PA	C28(Carbamidomethyl)	122	3.46E-12	1	3056.607	3.27	Head	2L:+:10205061-10205150	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_14218	RPLYNNIVLSGGSTMFR	AGAP005110-PA	M15(Oxidation)	89	1.75E-08	1	1941.006	2.49	Salivary gland	2L:+:10205514-10205564	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_14550	NITSFIQSLLR	AGAP005110-PA	-	66	1.12E-06	2	1291.735	-1.27	Midgut	2L:+:10205172-10205204	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_15551	AAYEEYGPGICR	AGAP005110-PA	C11(Carbamidomethyl)	70	8.33E-07	2	1385.617	0.83	Salivary gland	2L:+:10206022-10206057	exon=> In CDS Exon 6 of transcript AGAP005110-PA
JHU_Ag_15633	HGLVEDWDLMER	AGAP005110-PA	-	65	3.12E-06	2	1499.693	-1.43	Midgut	2L:+:10204815-10204850	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_19212	TLTGIVVDSGDGVTHVIPVAEGYVIGSCIK	AGAP005110-PA	C28(Carbamidomethyl)	83	3.23E-08	1	3056.598	0.03	Midgut	2L:+:10205061-10205150	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_22785	NITSFIQSLLR	AGAP005110-PA	-	50	4.51E-05	2	1291.738	0.53	Salivary gland	2L:+:10205172-10205204	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_23335	HYEGINAITKQPFGVDVGYER	AGAP005110-PA	-	102	9.94E-10	1	2393.194	2.34	Malpighian tubule	2L:+:10205340-10205402	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_24541	AEPEDHHFLLTEPPLNTPENR	AGAP005110-PA	-	48	0.000235963	1	2456.178	-2.36	Midgut	2L:+:10204884-10204946	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_26817	RPLYNNIVLSGGSTMFR	AGAP005110-PA	M15(Oxidation)	94	5.60E-09	1	1941.001	-0.24	Head	2L:+:10205514-10205564	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_27187	HYEGINAITK	AGAP005110-PA	-	43	0.000894619	1	1145.594	-0.71	Malpighian tubule	2L:+:10205340-10205369	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_27803	YSYICPDIAK	AGAP005110-PA	C5(Carbamidomethyl)	39	0.001490604	1	1229.586	-0.52	Salivary gland	2L:+:10205268-10205297	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_31692	AAYEEYGPGICR	AGAP005110-PA	C11(Carbamidomethyl)	66	2.18E-06	1	1385.614	-0.93	Male reproductive organs	2L:+:10206022-10206057	exon=> In CDS Exon 6 of transcript AGAP005110-PA
JHU_Ag_34632	LPACVIDVGTGYTK	AGAP005110-PA	C4(Carbamidomethyl)	44	0.000641624	2	1493.771	2.44	Visceras	2L:+:10204333-10204364,10204524-10204533	exon=> In CDS Exon 1 and 2 of transcript AGAP005110-PA
JHU_Ag_36936	ISENLSEGR	AGAP005110-PA	-	52	0.000109073	2	1004.500	-0.47	Salivary gland	2L:+:10205699-10205725	exon=> In CDS Exon 4 of transcript AGAP005110-PA
JHU_Ag_40615	QPFGVDVGYER	AGAP005110-PA	-	48	0.000240917	2	1266.612	0.19	Midgut	2L:+:10205370-10205402	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_41804	EREVGIPPEQSLETAK	AGAP005110-PA	-	98	1.75E-09	2	1782.923	-0.37	Midgut	2L:+:10205205-10205252	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_43220	LGFAANKEPQFIIPSAIAIK	AGAP005110-PA	-	81	1.09E-08	1	2128.219	0.91	Salivary gland	2L:+:10204534-10204593	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_44716	TLTGIVVDSGDGVTHVIPVAEGYVIGSCIK	AGAP005110-PA	C28(Carbamidomethyl)	138	9.60E-14	1	3056.608	3.63	Malpighian tubule	2L:+:10205061-10205150	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_46115	RPLYNNIVLSGGSTMFR	AGAP005110-PA	M15(Oxidation)	90	1.12E-08	1	1941.005	1.93	Ovary	2L:+:10205514-10205564	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_47484	LGFAANKEPQFIIPSAIAIK	AGAP005110-PA	-	81	9.29E-09	1	2128.220	1.51	Head	2L:+:10204534-10204593	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_48793	LGFAANKEPQFIIPSAIAIK	AGAP005110-PA	-	94	4.93E-10	1	2128.224	3.32	Malpighian tubule	2L:+:10204534-10204593	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_53371	EREVGIPPEQSLETAK	AGAP005110-PA	-	83	6.29E-08	2	1782.930	4.01	Ovary	2L:+:10205205-10205252	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_54451	TGRLPACVIDVGTGYTK	AGAP005110-PA	N-Term(Acetyl), C7(Carbamidomethyl)	100	1.44E-09	1	1849.957	5.05	Malpighian tubule	2L:+:10204324-10204364,10204524-10204533	exon=> In CDS Exon 1 and 2 of transcript AGAP005110-PA
JHU_Ag_57599	AEPEDHHFLLTEPPLNTPENR	AGAP005110-PA	-	66	4.01E-06	1	2456.191	2.86	Ovary	2L:+:10204884-10204946	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_58477	AEPEDHHFLLTEPPLNTPENR	AGAP005110-PA	-	36	0.004211266	1	2456.189	2.04	Malpighian tubule	2L:+:10204884-10204946	exon=> In CDS Exon 3 of transcript AGAP005110-PA

JHU_Ag_58713	ISENLSEGR	AGAP005110-PA	-	74	7.71E-07	2	1004.503	1.9	Ovary	2L:+:10205699-10205725	exon=> In CDS Exon 4 of transcript AGAP005110-PA
JHU_Ag_59819	RPLYNNIVLSGGSTMFR	AGAP005110-PA	M15(Oxidation)	68	2.29E-06	1	1940.996	-2.7	Midgut	2L:+:10205514-10205564	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_64061	YSYICPDIAK	AGAP005110-PA	C5(Carbamidomethyl)	45	0.000326066	1	1229.585	-1.71	Malpighian tubule	2L:+:10205268-10205297	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_64935	HYEGINAITK	AGAP005110-PA	-	60	1.57E-05	2	1145.592	-2.21	Head	2L:+:10205340-10205369	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_66253	LPACVIDVGTGYTK	AGAP005110-PA	C4(Carbamidomethyl)	67	3.38E-06	1	1493.768	1.05	Male reproductive organs	2L:+:10204333-10204364,10204524-10204533	exon=> In CDS Exon 1 and 2 of transcript AGAP005110-PA
JHU_Ag_68070	YSYICPDIAKEFAK	AGAP005110-PA	C5(Carbamidomethyl)	48	0.00032924	1	1704.836	3.16	Ovary	2L:+:10205268-10205309	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_70082	ISENLSEGR	AGAP005110-PA	-	64	6.95E-06	2	1004.500	-0.71	Malpighian tubule	2L:+:10205699-10205725	exon=> In CDS Exon 4 of transcript AGAP005110-PA
JHU_Ag_70815	EREVGIPPEQSLETAK	AGAP005110-PA	-	49	0.000159638	2	1782.934	6.2	Malpighian tubule	2L:+:10205205-10205252	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_72980	LRISENLSEGR	AGAP005110-PA	-	42	0.001068626	1	1273.683	-2.68	Malpighian tubule	2L:+:10205693-10205725	exon=> In CDS Exon 4 of transcript AGAP005110-PA
JHU_Ag_73158	GVEDLDFYIGDEAFDATGYSVK	AGAP005110-PA	-	34	0.004096511	2	2411.087	-2.25	Ovary	2L:+:10204639-10204704	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_75953	FLEQCIFK	AGAP005110-PA	C5(Carbamidomethyl)	41	0.000744803	1	1084.549	-0.47	Male reproductive organs	2L:+:10204851-10204874	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_76369	HYEGINAITK	AGAP005110-PA	-	66	4.28E-06	1	1145.594	-0.61	Ovary	2L:+:10205340-10205369	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_78306	LPACVIDVGTGYTK	AGAP005110-PA	C4(Carbamidomethyl)	86	3.88E-08	1	1493.767	0.16	Head	2L:+:10204333-10204364,10204524-10204533	exon=> In CDS Exon 1 and 2 of transcript AGAP005110-PA
JHU_Ag_80319	YSYICPDIAK	AGAP005110-PA	C5(Carbamidomethyl)	38	0.001562511	2	1229.589	1.26	Male reproductive organs	2L:+:10205268-10205297	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_81770	TLTGIVVDSGDGVTHVIPVAEGYVIGSCIK	AGAP005110-PA	C28(Carbamidomethyl)	44	0.000231307	1	3056.603	1.83	Visceras	2L:+:10205061-10205150	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_82400	NITSFIQSLLR	AGAP005110-PA	-	94	1.85E-09	1	1291.739	1.95	Ovary	2L:+:10205172-10205204	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_82525	LGFAANKEPQFIIPSAIAIK	AGAP005110-PA	-	42	9.49E-05	1	2128.214	-1.15	Midgut	2L:+:10204534-10204593	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_82736	NITSFIQSLLR	AGAP005110-PA	-	89	5.42E-09	1	1291.738	0.81	Head	2L:+:10205172-10205204	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_82824	EPQFIIPSAIAIK	AGAP005110-PA	-	42	0.000234458	1	1426.831	0.59	Ovary	2L:+:10204555-10204593	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_84559	QPFGVDVGYER	AGAP005110-PA	-	44	0.0005583	2	1266.612	0.28	Salivary gland	2L:+:10205370-10205402	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_84824	TLTGIVVDSGDGVTHVIPVAEGYVIGSCIK	AGAP005110-PA	C28(Carbamidomethyl)	50	6.29E-05	1	3056.608	3.45	Ovary	2L:+:10205061-10205150	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_88764	LGFAANKEPQFIIPSAIAIK	AGAP005110-PA	-	86	3.35E-09	1	2128.224	3.32	Ovary	2L:+:10204534-10204593	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_89320	QPFGVDVGYER	AGAP005110-PA	-	49	0.00020748	1	1266.614	2.31	Malpighian tubule	2L:+:10205370-10205402	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_89743	RPLYNNIVLSGGSTMFR	AGAP005110-PA	M15(Oxidation)	90	1.29E-08	1	1941.009	4	Male reproductive organs	2L:+:10205514-10205564	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_90943	AAYEEYGPGICR	AGAP005110-PA	C11(Carbamidomethyl)	85	2.71E-08	1	1385.619	2.5	Malpighian tubule	2L:+:10206022-10206057	exon=> In CDS Exon 6 of transcript AGAP005110-PA
JHU_Ag_91508	FLEQCIFK	AGAP005110-PA	C5(Carbamidomethyl)	47	0.000191004	2	1084.550	0.55	Salivary gland	2L:+:10204851-10204874	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_91576	FLEQCIFK	AGAP005110-PA	C5(Carbamidomethyl)	53	4.43E-05	1	1084.551	1.45	Ovary	2L:+:10204851-10204874	exon=> In CDS Exon 3 of transcript AGAP005110-PA

JHU_Ag_92196	HGLVEDWDLMER	AGAP005110-PA	M10(Oxidation)	47	0.000178241	1	1515.683	-4.75	Head	2L:+:10204815-10204850	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_97404	LPACVIDVGTGYTK	AGAP005110-PA	C4(Carbamidomethyl)	80	1.65E-07	1	1493.767	0.16	Malpighian tubule	2L:+:10204333-10204364,10204524-10204533	exon=> In CDS Exon 1 and 2 of transcript AGAP005110-PA
JHU_Ag_97469	LPACVIDVGTGYTK	AGAP005110-PA	C4(Carbamidomethyl)	87	3.34E-08	1	1493.768	0.81	Salivary gland	2L:+:10204333-10204364,10204524-10204533	exon=> In CDS Exon 1 and 2 of transcript AGAP005110-PA
JHU_Ag_98000	LGFAANKEPQFIIPSAIAIK	AGAP005110-PA	-	61	9.58E-07	1	2128.224	3.66	Male reproductive organs	2L:+:10204534-10204593	exon=> In CDS Exon 2 of transcript AGAP005110-PA
JHU_Ag_98512	ISENLSEGR	AGAP005110-PA	-	53	9.71E-05	2	1004.504	3.24	Male reproductive organs	2L:+:10205699-10205725	exon=> In CDS Exon 4 of transcript AGAP005110-PA
JHU_Ag_106193	AAYEEYGPGICR	AGAP005110-PA	C11(Carbamidomethyl)	88	1.35E-08	1	1385.617	0.74	Ovary	2L:+:10206022-10206057	exon=> In CDS Exon 6 of transcript AGAP005110-PA
JHU_Ag_106322	TLTGIVVDSGDGVTHVIPVAEGYVIGSCIK	AGAP005110-PA	C28(Carbamidomethyl)	53	2.89E-05	1	3056.614	5.48	Salivary gland	2L:+:10205061-10205150	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_110093	LPACVIDVGTGYTK	AGAP005110-PA	C4(Carbamidomethyl)	96	3.63E-09	1	1493.765	-1.07	Ovary	2L:+:10204333-10204364,10204524-10204533	exon=> In CDS Exon 1 and 2 of transcript AGAP005110-PA
JHU_Ag_114632	YSYICPDIAK	AGAP005110-PA	C5(Carbamidomethyl)	54	4.21E-05	1	1229.589	1.86	Ovary	2L:+:10205268-10205297	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_116490	AEPEDHHFLLTEPPLNTPENR	AGAP005110-PA	-	74	6.14E-07	1	2456.184	-0.2	Head	2L:+:10204884-10204946	exon=> In CDS Exon 3 of transcript AGAP005110-PA
JHU_Ag_117579	IKPKPIDVSVISHHMQR	AGAP005110-PA	M15(Oxidation)	137	7.80E-14	1	1985.111	-0.03	Malpighian tubule	2L:+:10205726-10205731,10205824-10205868	exon=> In CDS Exon 4 and 5 of transcript AGAP005110-PA
JHU_Ag_19855	TDRILLK	AGAP005115-PA	-	42	0.000398093	1	858.542	1.69	Malpighian tubule	2L:-:10237207-10237187	exon=> In CDS Exon 2 of transcript AGAP005115-PA
JHU_Ag_34039	ENVDSELRQR	AGAP005115-PA	N2(Deamidated)	37	0.003253515	2	1246.612	7.79	Larva	2L:-:10234910-10234881	exon=> In CDS Exon 6 of transcript AGAP005115-PA
JHU_Ag_37203	TDRILLK	AGAP005115-PA	-	42	0.000486769	1	858.531	-11.73	Ovary	2L:-:10237207-10237187	exon=> In CDS Exon 2 of transcript AGAP005115-PA
JHU_Ag_40305	GSEMQIDPELEAIK	AGAP005117-PA	M4(Oxidation)	84	5.60E-08	1	1575.760	1.53	Male reproductive organs	2L:-:10242670-10242629	exon=> In CDS Exon 2 of transcript AGAP005117-PA
JHU_Ag_41084	GFAYIEFGSK	AGAP005117-PA	-	49	0.000241547	2	1118.553	1.27	Salivary gland	2L:-:10242364-10242335	exon=> In CDS Exon 2 of transcript AGAP005117-PA
JHU_Ag_49283	GSEMQIDPELEAIK	AGAP005117-PA	M4(Oxidation)	77	2.82E-07	1	1575.758	0.76	Ovary	2L:-:10242670-10242629	exon=> In CDS Exon 2 of transcript AGAP005117-PA
JHU_Ag_86482	EFVETALAMNETLFR	AGAP005117-PA	M9(Oxidation)	79	2.31E-07	2	1786.873	2.72	Male reproductive organs	2L:-:10242334-10242290	exon=> In CDS Exon 2 of transcript AGAP005117-PA
JHU_Ag_87182	EFVETALAMNETLFR	AGAP005117-PA	M9(Oxidation)	100	1.77E-09	1	1786.865	-1.85	Ovary	2L:-:10242334-10242290	exon=> In CDS Exon 2 of transcript AGAP005117-PA
JHU_Ag_108320	SIYVGNVDYGATAEELEAHFHGCGAINR	AGAP005117-PA	C23(Carbamidomethyl)	79	1.59E-07	1	3050.403	-1.16	Ovary	2L:-:10242487-10242404	exon=> In CDS Exon 2 of transcript AGAP005117-PA
JHU_Ag_19523	YREDIEEANR	AGAP005118-PA	-	34	0.006156265	2	1294.602	-0.23	Head	2L:+:10245111-10245140	exon=> In CDS Exon 2 of transcript AGAP005118-PA
JHU_Ag_1301	SLGAAVTQNLEPTTTHLVAVTIGTSK	AGAP005119-PA	-	43	0.000217376	1	2609.419	1.69	Malpighian tubule	2L:-:10246382-10246305	exon=> In CDS Exon 4 of transcript AGAP005119-PA
JHU_Ag_6695	SLGAAVTQNLEPTTTHLVAVTIGTSK	AGAP005119-PA	-	53	2.07E-05	1	2609.419	1.62	Ovary	2L:-:10246382-10246305	exon=> In CDS Exon 4 of transcript AGAP005119-PA
JHU_Ag_29828	SLGAAVTQNLEPTTTHLVAVTIGTSK	AGAP005119-PA	-	39	0.000449048	3	2609.434	7.3	Head	2L:-:10246382-10246305	exon=> In CDS Exon 4 of transcript AGAP005119-PA
JHU_Ag_30402	DFGQPTEVIYTDTAQSIK	AGAP005120-PA	-	79	1.89E-07	2	2012.988	3.6	Head	2L:-:10250588-10250535	exon=> In CDS Exon 1 of transcript AGAP005120-PA
JHU_Ag_3668	SLSDFLLESAR	AGAP005121-PB	-	83	6.54E-08	2	1237.646	2.59	Visceras	2L:+:10252054-10252086	exon=> In CDS Exon 1 of transcript AGAP005121-PB

JHU_Ag_10307	SLSDFLLESAR	AGAP005121-PB	-	67	2.55E-06	2	1237.648	4.76	Malpighian tubule	2L:+:10252054-10252086	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_13504	FQLPNFQDWEK	AGAP005121-PB	-	73	7.12E-07	2	1451.691	-3.09	Midgut	2L:+:10252087-10252119	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_19055	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-Term(Acetyl)	163	6.14E-16	1	1922.994	0.31	Midgut	2L:+:10252000-10252053	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_51470	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-Term(Acetyl)	168	2.30E-16	1	1922.991	-1.21	Head	2L:+:10252000-10252053	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_62040	FQLPNFQDWEK	AGAP005121-PB	-	69	1.75E-06	1	1451.696	0.11	Head	2L:+:10252087-10252119	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_63281	ITNAVEIVGVK	AGAP005121-PB	-	60	7.30E-06	2	1142.677	-0.63	Midgut	2L:+:10252554-10252586	exon=> In CDS Exon 2 of transcript AGAP005121-PB
JHU_Ag_72353	SLSDFLLESAR	AGAP005121-PB	-	83	6.52E-08	2	1237.645	2.39	Head	2L:+:10252054-10252086	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_76212	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-Term(Acetyl)	153	7.11E-15	1	1922.992	-0.83	Ovary	2L:+:10252000-10252053	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_77051	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-Term(Acetyl)	153	7.29E-15	1	1922.993	-0.26	Salivary gland	2L:+:10252000-10252053	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_85448	SLSDFLLESAR	AGAP005121-PB	-	69	1.81E-06	2	1237.638	-3.53	Midgut	2L:+:10252054-10252086	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_89346	SLSDFLLESAR	AGAP005121-PB	-	74	6.39E-07	2	1237.643	0.32	Salivary gland	2L:+:10252054-10252086	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_94366	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-Term(Acetyl)	101	8.69E-10	1	1923.002	4.88	Larva	2L:+:10252000-10252053	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_95603	SLSDFLLESAR	AGAP005121-PB	-	58	2.03E-05	2	1237.645	1.8	Larva	2L:+:10252054-10252086	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_99965	FQLPNFQDWEK	AGAP005121-PB	-	53	7.90E-05	1	1451.698	1.62	Visceras	2L:+:10252087-10252119	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_101434	SLSDFLLESAR	AGAP005121-PB	-	81	1.05E-07	2	1237.644	1.21	Ovary	2L:+:10252054-10252086	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_106894	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-Term(Acetyl)	155	4.48E-15	1	1922.995	0.88	Visceras	2L:+:10252000-10252053	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_107846	TTTQGSGSLDNLHLAPLR	AGAP005121-PB	N-Term(Acetyl)	159	1.75E-15	1	1922.995	1.2	Malpighian tubule	2L:+:10252000-10252053	exon=> In CDS Exon 1 of transcript AGAP005121-PB
JHU_Ag_3139	AFGGSGQTLGSPVPPMATASSSSSSG GTSSSAK	AGAP005122-PA	-	49	0.000173584	3	2943.369	1.94	Head	2L:-:10254035-10253937	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_8737	LGQTEDDHQEVTPR	AGAP005122-PA	-	113	6.92E-11	1	1624.760	2.29	Ovary	2L:-:10254329-10254288	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_9932	LGQTEDDHQEVTPR	AGAP005122-PA	-	56	3.25E-05	1	1624.750	-3.88	Salivary gland	2L:-:10254329-10254288	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_18573	DAGLLNAAILQR	AGAP005122-PA	-	60	4.13E-06	2	1254.721	3.75	Malpighian tubule	2L:-:10253681-10253646	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_18607	LGQTEDDHQEVTPR	AGAP005122-PA	Q3(Deamidated)	113	6.82E-11	1	1624.760	2.09	Head	2L:-:10254329-10254288	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_19962	SGQQVLGPPR	AGAP005122-PA	-	46	0.000192 67	1	1038.568	-1.04	Ovary	2L:-:10254488-10254459	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_21265	QGFVINDGELR	AGAP005122-PA	-	66	4.96E-06	2	1247.634	-2.8	Ovary	2L:-:10254221-10254189	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_22276	SSNNEQVKQFAQITGATEER	AGAP005122-PA	N-Term(Acetyl)	72	9.93E-07	1	2279.093	1.48	Malpighian tubule	2L:-:10254966-10254907	exon=> In CDS Exon 1 of transcript AGAP005122-PA
JHU_Ag_24855	DAGLLNAAILQR	AGAP005122-PA	-	107	9.59E-11	1	1254.716	-0.82	Ovary	2L:-:10253681-10253646	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_26335	LYEDPANR	AGAP005122-PA	-	36	0.003773 379	2	977.470	1.26	Ovary	2L:-:10254188-10254165	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_30343	LGQTEDDHQEVTPR	AGAP005122-PA	-	55	4.23E-05	1	1624.775	11.44	Male reproductive organs	2L:-:10254329-10254288	exon=> In CDS Exon 3 of transcript AGAP005122-PA

JHU_Ag_36071	DYVSEIFR	AGAP005122-PA	-	67	1.95E-06	1	1028.505	0.04	Ovary	2L:-:10254443-10254420	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_37938	EFFESITR	AGAP005122-PA	-	42	0.000544 11	2	1028.499	-5.31	Male reproductive organs	2L:-:10254164-10254141	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_44546	FNQAHTVEHVR	AGAP005122-PA	-	61	1.37E-05	1	1337.669	-1.45	Ovary	2L:-:10253816-10253784	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_47333	AAEELALDSAQPTTMLQIR	AGAP005122-PA	M15(Oxidation)	147	2.84E-14	1	2074.047	-0.81	Ovary	2L:-:10253903-10253847	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_48605	QFAQITGATEER	AGAP005122-PA	-	45	0.000515 054	2	1350.666	0.69	Head	2L:-:10254942-10254907	exon=> In CDS Exon 1 of transcript AGAP005122-PA
JHU_Ag_49603	DAGLLNAAILQR	AGAP005122-PA	-	102	2.54E-10	1	1254.720	2.78	Salivary gland	2L:-:10253681-10253646	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_53951	DAGLLNAAILQR	AGAP005122-PA	-	102	2.94E-10	1	1254.716	-0.72	Head	2L:-:10253681-10253646	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_67841	QFAQITGATEER	AGAP005122-PA	-	80	1.74E-07	1	1350.662	-1.93	Ovary	2L:-:10254942-10254907	exon=> In CDS Exon 1 of transcript AGAP005122-PA
JHU_Ag_72441	ELSDGAQTLK	AGAP005122-PA	-	46	0.000420 528	1	1061.548	0.83	Ovary	2L:-:10253711-10253682	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_78983	TAASSSSQNLEVVTLTLWR	AGAP005122-PA	-	80	1.16E-07	2	2063.085	3.84	Head	2L:-:10254278-10254222	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_81120	TAASSSSQNLEVVTLTLWR	AGAP005122-PA	-	60	1.29E-05	2	2063.075	-0.89	Male reproductive organs	2L:-:10254278-10254222	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_82830	AAEELALDSAQPTTMLQIR	AGAP005122-PA	M15(Oxidation)	93	6.92E-09	2	2074.049	0.37	Head	2L:-:10253903-10253847	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_84708	SGQQVLGPPR	AGAP005122-PA	-	43	0.000352 265	2	1038.569	0.13	Salivary gland	2L:-:10254488-10254459	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_86103	LYEDPANREFFESITR	AGAP005122-PA	-	36	0.004188 38	1	1986.959	1.81	Male reproductive organs	2L:-:10254188-10254141	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_90401	DAGLLNAAILQR	AGAP005122-PA	-	62	2.97E-06	2	1254.720	2.39	Midgut	2L:-:10253681-10253646	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_91518	AAEELALDSAQPTTMLQIR	AGAP005122-PA	-	63	6.66E-06	2	2058.061	3.47	Malpighian tubule	2L:-:10253903-10253847	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_92647	ELSDGAQTLKDAGLLNAAILQR	AGAP005122-PA	-	53	1.94E-05	1	2297.255	3.69	Ovary	2L:-:10253711-10253646	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_96522	FNQAHTVEHVR	AGAP005122-PA	-	75	5.60E-07	1	1337.667	-3.29	Head	2L:-:10253816-10253784	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_104535	LGQTEDDHQEVTPR	AGAP005122-PA	-	116	3.26E-11	1	1624.756	-0.27	Malpighian tubule	2L:-:10254329-10254288	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_105070	DAGLLNAAILQR	AGAP005122-PA	-	98	7.34E-10	2	1254.716	-0.04	Male reproductive organs	2L:-:10253681-10253646	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_107546	TAASSSSQNLEVVTLTLWR	AGAP005122-PA	-	84	4.27E-08	2	2063.084	3.6	Ovary	2L:-:10254278-10254222	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_111447	LYEDPANREFFESITR	AGAP005122-PA	-	50	0.000167 295	1	1986.964	4.39	Ovary	2L:-:10254188-10254141	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_114323	AAEELALDSAQPTTMLQIR	AGAP005122-PA	M15(Oxidation)	97	3.03E-09	1	2074.046	-1.16	Male reproductive organs	2L:-:10253903-10253847	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_117297	AAEELALDSAQPTTMLQIR	AGAP005122-PA	-	81	1.12E-07	2	2058.056	0.98	Midgut	2L:-:10253903-10253847	exon=> In CDS Exon 3 of transcript AGAP005122-PA
JHU_Ag_1582	DFNPIGEK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	34	0.004694 504	1	919.452	-0.06	Head	2L:-:10259118-10259095;2L:-:10259118-10259095;2L:-:10259118-10259095	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC

JHU_Ag_4826	FDYVFYTGSGR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	61	9.35E-06	2	1311.600	-0.71	Midgut	2L:-:10262291-10262259;2L:-:10262291-10262259;2L:-:10262291-10262259	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_6257	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	50	1.06E-05	1	1021.631	1.98	Malpighian tubule	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC
JHU_Ag_7041	YSFDTFVHKK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	55	4.55E-05	2	1271.642	0.26	Midgut	2L:-:10259163-10259134;2L:-:10259163-10259134;2L:-:10259163-10259134	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_10180	HKQEAHLLEIEFILNDLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	69	7.01E-07	1	2218.201	1.18	Midgut	2L:-:10263132-10263079;2L:-:10263132-10263079;2L:-:10263132-10263079	exon=> In CDS Exon 3 of transcript AGAP005124-PA;exon=> In CDS Exon 3 of transcript AGAP005124-PB;exon=> In CDS Exon 3 of transcript AGAP005124-PC
JHU_Ag_14183	IIHQACSENLTPCTLELGGK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C6(Carbamidomethyl), C13(Carbamidomethyl)	43	0.000847182	1	2241.103	1.39	Malpighian tubule	2L:-:10262249-10262190;2L:-:10262249-10262190;2L:-:10262249-10262190	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_15320	GANVAIGGETDLQDRYISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	90	8.21E-09	1	2758.464	0.59	Malpighian tubule	2L:-:10261838-10261761;2L:-:10261838-10261761;2L:-:10261838-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_15911	VVTGGPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	42	0.000182036	1	657.392	-1.08	Salivary gland	2L:-:10262339-10262319;2L:-:10262339-10262319;2L:-:10262339-10262319	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_18170	YISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	67	8.15E-07	2	1261.741	0.6	Midgut	2L:-:10261793-10261761;2L:-:10261793-10261761;2L:-:10261793-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_19149	EWVKPEKPEK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	46	0.000271287	1	1269.683	-0.63	Midgut	2L:-:10263057-10263028;2L:-:10263057-10263028;2L:-:10263057-10263028	exon=> In CDS Exon 3 of transcript AGAP005124-PA;exon=> In CDS Exon 3 of transcript AGAP005124-PB;exon=> In CDS Exon 3 of transcript AGAP005124-PC

JHU_Ag_26597	YSFDTFVHK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	52	4.68E-05	1	1143.547	-0.25	Midgut	2L:-:10259163-10259137;2L:-:10259163-10259137;2L:-:10259163-10259137	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_34853	IINQNHFQR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	39	0.001263361	1	1169.621	3.26	Midgut	2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857	exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PC
JHU_Ag_36726	YSFDTFVHKK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	46	0.000395997	2	1271.644	1.89	Pupa	2L:-:10259163-10259134;2L:-:10259163-10259134;2L:-:10259163-10259134	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_41451	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	86	4.40E-08	2	1234.649	5	Larva	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_42589	IIHQACSENLTPCTLELGGK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C6(Carbamidomethyl), C13(Carbamidomethyl)	92	1.01E-08	2	2241.106	2.54	Midgut	2L:-:10262249-10262190;2L:-:10262249-10262190;2L:-:10262249-10262190	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_46236	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	29	0.001832821	2	1021.629	0.13	Visceras	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC
JHU_Ag_46240	EWVKPEKPEK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	48	0.000132065	2	1269.690	5.04	Larva	2L:-:10263057-10263028;2L:-:10263057-10263028;2L:-:10263057-10263028	exon=> In CDS Exon 3 of transcript AGAP005124-PA;exon=> In CDS Exon 3 of transcript AGAP005124-PB;exon=> In CDS Exon 3 of transcript AGAP005124-PC
JHU_Ag_46315	YISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	42	0.000177964	2	1261.747	5.43	Salivary gland	2L:-:10261793-10261761;2L:-:10261793-10261761;2L:-:10261793-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC

JHU_Ag_49904	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	88	2.93E-08	1	1234.646	2.63	Head	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_49909	EKFDYVFYTGSGR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	98	2.17E-09	1	1568.736	-1.13	Midgut	2L:-:10262297-10262259;2L:-:10262297-10262259;2L:-:10262297-10262259	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_50107	VLNEWYGANPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	52	9.75E-05	1	1290.644	-2.75	Malpighian tubule	2L:-:10262033-10262001;2L:-:10262033-10262001;2L:-:10262033-10262001	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_52171	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	84	7.06E-08	2	1234.643	-0.14	Midgut	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_52390	FINAGQTCIAPDYILCSK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C8(Carbamidomethyl), C16(Carbamidomethyl)	79	1.71E-07	1	2071.006	3.44	Head	2L:-:10262123-10262070;2L:-:10262123-10262070;2L:-:10262123-10262070	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_53237	VLNEWYGANPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	62	1.06E-05	2	1290.648	0.37	Salivary gland	2L:-:10262033-10262001;2L:-:10262033-10262001;2L:-:10262033-10262001	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_53815	SPCYLDGTANIAIAAR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C3(Carbamidomethyl)	105	5.03E-10	2	1692.846	5.12	Salivary gland	2L:-:10262189-10262142;2L:-:10262189-10262142;2L:-:10262189-10262142	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_54413	YISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	52	2.10E-05	2	1261.742	1.47	Pupa	2L:-:10261793-10261761;2L:-:10261793-10261761;2L:-:10261793-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC

JHU_Ag_54691	FDYVFYTGSGR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	50	0.000118 91	2	1311.601	0.6	Pupa	2L:-:10262291-10262259;2L:-:10262291-10262259;2L:-:10262291-10262259	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_61836	GANVAIGGETDLQDRYISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	51	6.52E-05	3	2758.463	0.32	Midgut	2L:-:10261838-10261761;2L:-:10261838-10261761;2L:-:10261838-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_61900	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	Q7(Deamidated), Q8(Deamidated)	34	0.004766 79	3	1194.604	2.95	Malpighian tubule	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_62131	IINQNHFQR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	47	0.000190 778	1	1169.618	0.13	Head	2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857	exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PC
JHU_Ag_62731	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	60	1.66E-05	2	1234.650	6.29	Salivary gland	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_65087	KVLNEWYGANPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	74	5.76E-07	2	1418.742	-0.52	Pupa	2L:-:10262036-10262001;2L:-:10262036-10262001;2L:-:10262036-10262001	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_65235	YISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	35	0.001122 185	2	1261.740	0.11	Male reproductive organs	2L:-:10261793-10261761;2L:-:10261793-10261761;2L:-:10261793-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC

JHU_Ag_72140	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	41	0.000136182	1	1021.630	0.37	Pupa	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC
JHU_Ag_74498	FINAGQTCIAPDYILCSK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C8(Carbamidomethyl), C16(Carbamidomethyl)	102	9.47E-10	2	2071.006	3.67	Salivary gland	2L:-:10262123-10262070;2L:-:10262123-10262070;2L:-:10262123-10262070	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_76024	EKFDYVFYTGSGR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	61	1.12E-05	1	1568.736	-1.37	Pupa	2L:-:10262297-10262259;2L:-:10262297-10262259;2L:-:10262297-10262259	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_76077	YISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	49	4.10E-05	1	1261.743	2.44	Malpighian tubule	2L:-:10261793-10261761;2L:-:10261793-10261761;2L:-:10261793-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_76243	IINQNHFQR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	42	0.000526311	1	1169.617	-0.6	Malpighian tubule	2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857	exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PC
JHU_Ag_76775	YPPYSESKLSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	54	2.91E-05	1	1973.070	3.6	Malpighian tubule	2L:-:10258998-10258948;2L:-:10258998-10258948;2L:-:10258998-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC
JHU_Ag_78133	EWVKPEKPEK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	43	0.000556183	2	1269.684	0.43	Pupa	2L:-:10263057-10263028;2L:-:10263057-10263028;2L:-:10263057-10263028	exon=> In CDS Exon 3 of transcript AGAP005124-PA;exon=> In CDS Exon 3 of transcript AGAP005124-PB;exon=> In CDS Exon 3 of transcript AGAP005124-PC
JHU_Ag_79802	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	41	0.000137442	1	1021.630	0.49	Ovary	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC

JHU_Ag_79921	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	84	7.03E-08	2	1234.644	1.05	Male reproductive organs	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_80783	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	65	5.70E-06	2	1234.647	3.62	Visceras	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_82220	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	74	6.91E-07	2	1234.645	1.54	Pupa	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_85747	YSFDTFVHKK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	67	3.20E-06	1	1271.645	2.08	Malpighian tubule	2L:-:10259163-10259134;2L:-:10259163-10259134;2L:-:10259163-10259134	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_86756	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	45	5.60E-05	2	1021.630	1.2	Salivary gland	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC
JHU_Ag_87132	SPCYLDGTANIAIAAR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C3(Carbamidomethyl)	97	3.55E-09	2	1692.837	-0.44	Midgut	2L:-:10262189-10262142;2L:-:10262189-10262142;2L:-:10262189-10262142	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_90683	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	54	7.00E-06	1	1021.629	-0.47	Midgut	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC

JHU_Ag_91304	LTSLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	24	0.003533804	1	674.444	-0.41	Midgut	2L:-:10261856-10261839;2L:-:10261856-10261839;2L:-:10261856-10261839	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_91517	YSFDTFVHK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	55	2.31E-05	2	1143.545	-1.42	Malpighian tubule	2L:-:10259163-10259137;2L:-:10259163-10259137;2L:-:10259163-10259137	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_92277	FINAGQTCIAPDYILCSK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C8(Carbamidomethyl), C16(Carbamidomethyl)	104	5.84E-10	1	2071.000	0.61	Midgut	2L:-:10262123-10262070;2L:-:10262123-10262070;2L:-:10262123-10262070	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_93138	YISPTILIDVK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	46	9.36E-05	2	1261.741	0.5	Head	2L:-:10261793-10261761;2L:-:10261793-10261761;2L:-:10261793-10261761	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_96022	SCLTKDFNPIGEK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C2(Carbamidomethyl)	45	0.000468993	2	1508.721	-13.54	Midgut	2L:-:10259133-10259095;2L:-:10259133-10259095;2L:-:10259133-10259095	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_96409	KVLNEWYGANPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	41	0.001219724	2	1418.743	-0.09	Malpighian tubule	2L:-:10262036-10262001;2L:-:10262036-10262001;2L:-:10262036-10262001	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_97752	GANVAIGGETDLQDR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	78	2.18E-07	2	1515.741	0.6	Pupa	2L:-:10261838-10261794;2L:-:10261838-10261794;2L:-:10261838-10261794	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_98416	VLNEWYGANPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	63	8.06E-06	2	1290.646	-1.24	Midgut	2L:-:10262033-10262001;2L:-:10262033-10262001;2L:-:10262033-10262001	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC

JHU_Ag_100251	IINQNHFQR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	39	0.001280936	1	1169.618	0.44	Pupa	2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857;2L:-:10261979-10262351,10261663-10261857	exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP005124-PC
JHU_Ag_101309	YSFDTFVHK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	52	5.81E-05	1	1143.550	2.74	Head	2L:-:10259163-10259137;2L:-:10259163-10259137;2L:-:10259163-10259137	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_101977	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	44	6.47E-05	2	1021.630	0.9	Male reproductive organs	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC
JHU_Ag_106045	DFNPIGEK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	39	0.001748194	1	919.452	-0.19	Midgut	2L:-:10259118-10259095;2L:-:10259118-10259095;2L:-:10259118-10259095	exon=> In CDS Exon 7 of transcript AGAP005124-PA;exon=> In CDS Exon 7 of transcript AGAP005124-PB;exon=> In CDS Exon 7 of transcript AGAP005124-PC
JHU_Ag_109399	KVLNEWYGANPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	85	4.42E-08	2	1418.743	0.08	Midgut	2L:-:10262036-10262001;2L:-:10262036-10262001;2L:-:10262036-10262001	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_110239	FINAGQTCIAPDYILCSK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	C8(Carbamidomethyl), C16(Carbamidomethyl)	112	9.23E-11	1	2071.004	2.49	Malpighian tubule	2L:-:10262123-10262070;2L:-:10262123-10262070;2L:-:10262123-10262070	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_110444	VLNEWYGANPK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	43	0.000760352	2	1290.648	0.28	Pupa	2L:-:10262033-10262001;2L:-:10262033-10262001;2L:-:10262033-10262001	exon=> In CDS Exon 4 of transcript AGAP005124-PA;exon=> In CDS Exon 4 of transcript AGAP005124-PB;exon=> In CDS Exon 4 of transcript AGAP005124-PC
JHU_Ag_111914	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	41	7.78E-05	1	1021.633	3.83	Larva	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC

JHU_Ag_112878	STDPVMQDEIFGPILPILNVDNAYDAIK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	M6(Oxidation)	62	6.16E-06	1	3104.551	0.39	Midgut	2L:-:10261760-10261677;2L:-:10261760-10261677;2L:-:10261760-10261677	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_113114	LSFLSTLLK	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	48	2.83E-05	2	1021.628	-0.95	Head	2L:-:10258974-10258948;2L:-:10258974-10258948;2L:-:10258974-10258948	exon=> In CDS Exon 8 of transcript AGAP005124-PA;exon=> In CDS Exon 8 of transcript AGAP005124-PB;exon=> In CDS Exon 8 of transcript AGAP005124-PC
JHU_Ag_113451	GANVAIGGETDLQDR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	-	129	1.63E-12	1	1515.735	-3.19	Midgut	2L:-:10261838-10261794;2L:-:10261838-10261794;2L:-:10261838-10261794	exon=> In CDS Exon 5 of transcript AGAP005124-PA;exon=> In CDS Exon 5 of transcript AGAP005124-PB;exon=> In CDS Exon 5 of transcript AGAP005124-PC
JHU_Ag_116472	SFSDIVQQLR	AGAP005124-PA,AGAP005124-PB,AGAP005124-PC	N-Term(Acetyl)	80	1.95E-07	2	1234.645	2.23	Malpighian tubule	2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554;2L:-:10263666-10263669,10263513-10263554	exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005124-PC
JHU_Ag_2221	FINSSAKPLCLYIFSK	AGAP005124-PB	C10(Carbamidomethyl)	73	4.93E-07	1	1888.005	0.54	Midgut	2L:-:10261676-10261860,10260673-10260755	exon=> In CDS Exon 6 and 5 of transcript AGAP005124-PB
JHU_Ag_51487	IQELFVTGTR	AGAP005124-PC	-	71	8.04E-07	2	1163.643	0.89	Midgut	2L:-:10261202-10261173	exon=> In CDS Exon 6 of transcript AGAP005124-PC
JHU_Ag_110279	IQELFVTGTR	AGAP005124-PC	-	66	2.62E-06	2	1163.642	0.37	Salivary gland	2L:-:10261202-10261173	exon=> In CDS Exon 6 of transcript AGAP005124-PC
JHU_Ag_488	RPAPGTGNAFAFVR	AGAP005127-PA	-	52	9.14E-05	2	1460.775	-0.74	Head	2L:-:10334216-10334175	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_4270	RPPGGGGGEPGEYDQR	AGAP005127-PA	-	79	1.44E-07	1	1628.741	-0.23	Head	2L:-:10333550-10333503	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_6828	GDTQAFILYDSIDAATAAVK	AGAP005127-PA	-	120	1.26E-11	2	2070.044	2.5	Head	2L:-:10333970-10333911	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_8020	VALVEPVYESSK	AGAP005127-PA	-	51	0.000114312	1	1320.706	1.22	Ovary	2L:-:10334732-10334697	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_10817	LAYVCFR	AGAP005127-PA	C5(Carbamidomethyl)	38	0.001045497	2	928.471	-0.43	Male reproductive organs	2L:-:10334813-10334793	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_10993	GFALGGPDRR	AGAP005127-PA	-	49	0.000187616	1	1045.559	5.08	Malpighian tubule	2L:-:10333901-10333872	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_11091	ISTSSSHAIFLGLPGSNPAVSSSDDASVQTRPLR	AGAP005127-PA	-	60	7.64E-06	1	3454.759	0.76	Ovary	2L:-:10333163-10333062	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_14824	FGDFSIR	AGAP005127-PA	-	41	0.000698906	2	841.420	-0.13	Salivary gland	2L:-:10334858-10334838	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_15663	RVPEYEYPDGAPPYDDGAPGYGGGGYGAR	AGAP005127-PA	-	60	1.15E-05	1	3003.328	3.14	Salivary gland	2L:-:10333790-10333704	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_19679	IRIDFADNGTVPPFAK	AGAP005127-PA	-	36	0.002295213	1	1760.947	7.73	Malpighian tubule	2L:-:10333871-10333824	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_21234	GDTQAFILYDSIDAATAAVK	AGAP005127-PA	-	89	1.75E-08	2	2070.041	0.84	Ovary	2L:-:10333970-10333911	exon=> In CDS Exon 1 of transcript AGAP005127-PA

JHU_Ag_21961	LAYVCFR	AGAP005127-PA	C5(Carbamidomethyl)	41	0.000592002	2	928.471	-0.36	Salivary gland	2L:-:10334813-10334793	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_23453	RPAPGTGNAFAFVR	AGAP005127-PA	-	37	0.002794705	1	1460.775	-0.59	Salivary gland	2L:-:10334216-10334175	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_25271	SSTVWQGALILK	AGAP005127-PA	-	64	2.47E-06	2	1302.742	0.53	Salivary gland	2L:-:10333349-10333314	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_27884	RPPEHHPYDGYGPPPGGR	AGAP005127-PA	-	78	1.99E-07	1	1985.937	0.11	Head	2L:-:10334600-10334547	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_28261	ASEEFIKETLYR	AGAP005127-PA	-	81	1.13E-07	1	1485.762	2.16	Ovary	2L:-:10334906-10334871	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_29744	RISTSSSHAIFLGLPGSNPAVSSSDDASVQTRPLR	AGAP005127-PA	-	48	0.000128006	1	3610.871	3.8	Ovary	2L:-:10333166-10333062	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_30812	RVPEYEYPDGAPPYDDGAPGYGGGGYGAR	AGAP005127-PA	-	63	5.37E-06	1	3003.321	0.82	Ovary	2L:-:10333790-10333704	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_32902	VALVEPVYESSK	AGAP005127-PA	-	53	8.13E-05	2	1320.705	-0.07	Salivary gland	2L:-:10334732-10334697	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_33341	VLCVSALHPK	AGAP005127-PA	C3(Carbamidomethyl)	52	4.36E-05	1	1123.625	-3.76	Head	2L:-:10334936-10334907	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_36675	YQTLDMAHR	AGAP005127-PA	-	47	0.000313903	1	1134.541	4.06	Malpighian tubule	2L:-:10334174-10334148	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_39622	TLFAGNLEINISDDELRR	AGAP005127-PA	-	46	0.000283257	1	2076.083	5.29	Malpighian tubule	2L:-:10334312-10334259	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_40051	VALVEPVYESSK	AGAP005127-PA	-	41	0.001242408	1	1320.702	-1.74	Male reproductive organs	2L:-:10334732-10334697	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_47913	YGLVEDIDIKRPAPGTGNAFAFVR	AGAP005127-PA	-	68	9.74E-07	1	2606.389	6.24	Malpighian tubule	2L:-:10334246-10334175	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_52903	IWVGGLGAWTSVTQLER	AGAP005127-PA	-	101	6.75E-10	1	1873.001	2.28	Ovary	2L:-:10334066-10334016	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_53992	VALVEPVYESSK	AGAP005127-PA	-	39	0.001492539	1	1320.713	6.21	Head	2L:-:10334732-10334697	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_61256	RVPEYEYPDGAPPYDDGAPGYGGGGYGAR	AGAP005127-PA	-	77	1.73E-07	1	3003.315	-0.95	Head	2L:-:10333790-10333704	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_63202	YGLVEDIDIK	AGAP005127-PA	-	43	0.000629101	2	1164.616	1.21	Midgut	2L:-:10334246-10334217	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_67462	GDTQAFILYDSIDAATAAVK	AGAP005127-PA	-	69	1.67E-06	2	2070.042	1.2	Salivary gland	2L:-:10333970-10333911	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_73120	RPFEEGGGEYR	AGAP005127-PA	-	59	1.46E-05	1	1296.591	-4.39	Head	2L:-:10333823-10333791	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_75061	ETEATGVLYTFPPCEFSTELLKR	AGAP005127-PA	C14(Carbamidomethyl)	69	1.87E-06	1	2688.328	2.09	Head	2L:-:10333001-10332933	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_78251	IWVGGLGAWTSVTQLER	AGAP005127-PA	-	63	4.23E-06	2	1873.002	2.87	Salivary gland	2L:-:10334066-10334016	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_78544	SSLFPAK	AGAP005127-PA	-	53	5.77E-05	2	749.421	2.59	Malpighian tubule	2L:-:10333313-10333293	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_78951	EAAGVISLLNK	AGAP005127-PA	-	52	5.33E-05	2	1114.647	0.17	Ovary	2L:-:10333034-10333002	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_79066	SSTVWQGALILK	AGAP005127-PA	-	52	4.74E-05	2	1302.742	0.15	Ovary	2L:-:10333349-10333314	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_80145	FHLTDGDADIVDGLMK	AGAP005127-PA	-	83	8.83E-08	1	1746.837	0.23	Head	2L:-:10333292-10333245	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_83657	FGDFSIR	AGAP005127-PA	-	46	0.000227729	2	841.420	0.16	Ovary	2L:-:10334858-10334838	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_83821	TCHTLTEEGLKEDHLVIVVVR	AGAP005127-PA	C2(Carbamidomethyl)	38	0.001033189	1	2448.302	4.28	Salivary gland	2L:-:10332932-10332870	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_85332	NLVTYLK	AGAP005127-PA	-	28	0.007421103	1	850.505	1.57	Head	2L:-:10333061-10333041	exon=> In CDS Exon 1 of transcript AGAP005127-PA

JHU_Ag_85629	AKVELSGQYIGK	AGAP005127-PA	-	79	9.86E-08	1	1292.722	0.52	Salivary gland	2L:-:10334147-10334112	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_86556	RPFEEGGGEYR	AGAP005127-PA	-	61	9.89E-06	1	1296.600	2.69	Malpighian tubule	2L:-:10333823-10333791	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_87652	KSSTVWQGALILK	AGAP005127-PA	-	36	0.000724936	1	1430.836	-0.32	Salivary gland	2L:-:10333352-10333314	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_90797	IILHDKVALVEPVYESSK	AGAP005127-PA	-	68	7.27E-07	1	2040.139	0.73	Ovary	2L:-:10334750-10334697	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_91080	EAAGVISLLNK	AGAP005127-PA	-	57	1.75E-05	2	1114.646	-0.49	Head	2L:-:10333034-10333002	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_91113	SSTVWQGALILK	AGAP005127-PA	-	49	6.33E-05	2	1302.749	5.59	Malpighian tubule	2L:-:10333349-10333314	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_92287	RPPEHHPYDGYGPPPGGR	AGAP005127-PA	-	67	2.94E-06	1	1985.948	5.73	Ovary	2L:-:10334600-10334547	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_92786	ASEEFIKETLYR	AGAP005127-PA	-	80	1.54E-07	1	1485.759	0.68	Male reproductive organs	2L:-:10334906-10334871	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_93153	IILHDKVALVEPVYESSK	AGAP005127-PA	-	88	6.08E-09	1	2040.145	3.69	Malpighian tubule	2L:-:10334750-10334697	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_96689	RVPEYEYPDGAPPYDDGAPGYGGGGYGAR	AGAP005127-PA	-	125	2.93E-12	1	3003.326	2.53	Malpighian tubule	2L:-:10333790-10333704	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_97827	YGLVEDIDIKRPAPGTGNAFAFVR	AGAP005127-PA	-	99	9.42E-10	1	2606.384	4.35	Ovary	2L:-:10334246-10334175	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_101932	DKFPNYLHHIQPEDDPLATR	AGAP005127-PA	-	84	6.58E-08	1	2406.189	2.38	Head	2L:-:10334372-10334313	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_102350	IILHDKVALVEPVYESSK	AGAP005127-PA	-	37	0.000882588	1	2040.140	1.26	Male reproductive organs	2L:-:10334750-10334697	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_102865	IWVGGLGAWTSVTQLER	AGAP005127-PA	-	66	2.35E-06	2	1872.998	0.65	Male reproductive organs	2L:-:10334066-10334016	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_105955	RPPEHHPYDGYGPPPGGR	AGAP005127-PA	-	86	4.09E-08	1	1985.942	2.96	Malpighian tubule	2L:-:10334600-10334547	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_108847	ADIGSSGGGSER	AGAP005127-PA	-	59	1.34E-05	2	1092.492	0.52	Salivary gland	2L:-:10334984-10334949	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_111467	DKFPNYLHHIQPEDDPLATR	AGAP005127-PA	-	66	3.41E-06	1	2406.199	6.26	Ovary	2L:-:10334372-10334313	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_117536	YGLVEDIDIK	AGAP005127-PA	-	51	0.000110591	2	1164.617	1.52	Ovary	2L:-:10334246-10334217	exon=> In CDS Exon 1 of transcript AGAP005127-PA
JHU_Ag_21381	EHLLLAR	AGAP005128-PA	-	40	0.00022807	2	851.510	0.01	Midgut	2L:+:10337470-10337490	exon=> In CDS Exon 2 of transcript AGAP005128-PA
JHU_Ag_21442	AGDNIGALLR	AGAP005128-PA	-	44	0.000353298	2	999.560	2.12	Salivary gland	2L:+:10337932-10337961	exon=> In CDS Exon 2 of transcript AGAP005128-PA
JHU_Ag_38126	EHLLLAR	AGAP005128-PA	-	42	0.00015278	1	851.509	-0.56	Malpighian tubule	2L:+:10337470-10337490	exon=> In CDS Exon 2 of transcript AGAP005128-PA
JHU_Ag_51646	EHLLLAR	AGAP005128-PA	-	39	0.000293908	2	851.511	1.3	Ovary	2L:+:10337470-10337490	exon=> In CDS Exon 2 of transcript AGAP005128-PA
JHU_Ag_9600	TTLTAAITK	AGAP005128-PA,AGAP006996-PA	-	33	0.002705179	1	919.547	0.65	Head	2L:+:10337123-10337149;2L:+:40536880-40536906	exon=> In CDS Exon 1 of transcript AGAP005128-PA;exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_110119	TTLTAAITK	AGAP005128-PA,AGAP006996-PA	-	33	0.002333297	1	919.545	-0.56	Malpighian tubule	2L:+:10337123-10337149;2L:+:40536880-40536906	exon=> In CDS Exon 1 of transcript AGAP005128-PA;exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_450	VVNTHFGIPSDVLIEGK	AGAP005129-PA	-	45	0.000259001	1	1824.995	5.18	Malpighian tubule	2L:-:10339574-10339524	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_630	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	101	7.91E-10	1	1856.976	2.32	Visceras	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA

JHU_Ag_3870	VQTFYDGNELLSGVCHIPMEPAFCNR	AGAP005129-PA	C15(Carbamidomethyl), M19(Oxidation), C24(Carbamidomethyl)	73	5.15E-07	1	3070.402	5.25	Malpighian tubule	2L:-:10339310-10339233	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_4253	VVNTHFGIPSDVLIEGK	AGAP005129-PA	-	119	9.00E-12	1	1824.983	-1.53	Ovary	2L:-:10339574-10339524	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_6529	TLGCTHVIVSTATGSLK	AGAP005129-PA	C4(Carbamidomethyl)	126	2.32E-12	1	1744.928	1.22	Ovary	2L:-:10339424-10339374	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_9312	VAALDWSDTIEELGK	AGAP005129-PA	-	132	1.20E-12	1	1646.833	3.73	Pupa	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_11092	GTVVTIEGPR	AGAP005129-PA	-	70	9.09E-07	2	1028.572	-1.55	Ovary	2L:-:10339175-10339146	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_19040	EAGEDVNVADVLATFKK	AGAP005129-PA	-	72	8.71E-07	2	1805.935	3.56	Male reproductive organs	2L:-:10338998-10338948	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_25824	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	97	2.16E-09	2	1856.976	2.51	Salivary gland	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_26132	VAALDWSDTIEELGK	AGAP005129-PA	-	127	3.13E-12	1	1646.827	-0.27	Male reproductive organs	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_29367	EEIHPGDIVIPDNFIDR	AGAP005129-PA	-	33	0.007076441	1	1978.990	1.36	Malpighian tubule	2L:-:10339373-10339323	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_30356	QWGADLVNMTLVPEVVLAK	AGAP005129-PA	M9(Oxidation)	37	0.001501852	2	2099.131	5	Larva	2L:-:10339112-10339056	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_31510	IAGVDCVLLAR	AGAP005129-PA	C6(Carbamidomethyl)	40	0.001232247	2	1186.663	1.52	Pupa	2L:-:10339523-10339491	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_34363	EAGEDVNVADVLATFK	AGAP005129-PA	-	74	6.55E-07	2	1677.846	7.54	Midgut	2L:-:10338998-10338951	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_34374	EEIHPGDIVIPDNFIDR	AGAP005129-PA	-	68	2.10E-06	1	1978.987	0.25	Midgut	2L:-:10339373-10339323	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_34998	EAGEDVNVADVLATFKK	AGAP005129-PA	-	66	3.36E-06	1	1805.933	2.71	Ovary	2L:-:10338998-10338948	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_36644	VAALDWSDTIEELGK	AGAP005129-PA	-	70	1.85E-06	2	1646.832	2.76	Malpighian tubule	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_38837	GIGLGVHEK	AGAP005129-PA	-	55	1.97E-05	1	909.511	-4.95	Head	2L:-:10339202-10339176	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_40234	VVNTHFGIPSDVLIEGK	AGAP005129-PA	-	90	8.50E-09	1	1824.984	-0.6	Midgut	2L:-:10339574-10339524	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_44751	TLGCTHVIVSTATGSLK	AGAP005129-PA	C4(Carbamidomethyl)	94	4.28E-09	1	1744.928	1.08	Head	2L:-:10339424-10339374	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_45338	IAGVDCVLLAR	AGAP005129-PA	C6(Carbamidomethyl)	89	1.26E-08	2	1186.661	-0.33	Male reproductive organs	2L:-:10339523-10339491	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_45532	NHSIMPSNVNYR	AGAP005129-PA	M5(Oxidation)	44	0.000426464	1	1447.674	-0.83	Ovary	2L:-:10339481-10339446	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_45575	TVNTSIMLPHSN	AGAP005129-PA	M7(Oxidation)	71	8.04E-07	1	1329.647	0.09	Male reproductive organs	2L:-:10338857-10338822	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_47445	VTDLIINAIPK	AGAP005129-PA	-	64	9.58E-07	2	1196.725	-0.36	Male reproductive organs	2L:-:10338935-10338903	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_48305	NHSIMPSNVNYR	AGAP005129-PA	M5(Oxidation)	32	0.007403856	2	1447.671	-2.52	Head	2L:-:10339481-10339446	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_49494	VVNTHFGIPSDVLIEGK	AGAP005129-PA	-	92	4.48E-09	1	1824.986	0.14	Male reproductive organs	2L:-:10339574-10339524	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_52362	VAALDWSDTIEELGK	AGAP005129-PA	-	51	0.000134325	2	1646.829	1.21	Midgut	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_53628	NHSIMPSNVNYR	AGAP005129-PA	M5(Oxidation)	57	2.72E-05	2	1447.679	3.13	Pupa	2L:-:10339481-10339446	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_53954	GIGLGVHEK	AGAP005129-PA	-	56	1.41E-05	1	909.515	-0.05	Ovary	2L:-:10339202-10339176	exon=> In CDS Exon 2 of transcript AGAP005129-PA

JHU_Ag_55112	TRDVLIETAR	AGAP005129-PA	-	43	0.000563857	2	1173.655	-3.48	Head	2L:-:10339232-10339203	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_55970	VQTFYDGNELLSGVCHIPMEPAFCNR	AGAP005129-PA	C15(Carbamidomethyl), M19(Oxidation), C24(Carbamidomethyl)	124	3.39E-12	1	3070.384	-0.59	Head	2L:-:10339310-10339233	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_59077	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	123	5.09E-12	1	1856.985	7.12	Malpighian tubule	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_61931	VQTFYDGNELLSGVCHIPMEPAFCNR	AGAP005129-PA	C15(Carbamidomethyl), M19(Oxidation), C24(Carbamidomethyl)	152	6.87E-15	1	3070.393	2.39	Ovary	2L:-:10339310-10339233	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_62245	ANIWALK	AGAP005129-PA	-	44	0.000627867	2	815.479	2.05	Malpighian tubule	2L:-:10339445-10339425	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_62383	ANIWALK	AGAP005129-PA	-	56	4.05E-05	2	815.477	-0.05	Male reproductive organs	2L:-:10339445-10339425	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_62621	AESNLFR	AGAP005129-PA	-	47	0.000303621	2	836.426	0.37	Ovary	2L:-:10339133-10339113	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_63367	VAALDWSDTIEELGK	AGAP005129-PA	-	71	1.46E-06	2	1646.837	6.1	Larva	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_63953	VTDLIINAIPK	AGAP005129-PA	-	62	1.30E-06	2	1196.729	3.72	Larva	2L:-:10338935-10338903	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_64770	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	135	3.23E-13	1	1856.972	0.48	Midgut	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_70185	EAGEDVNVADVLATFK	AGAP005129-PA	-	77	3.06E-07	2	1677.839	3.61	Pupa	2L:-:10338998-10338951	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_73900	TVNTSIMLPHSN	AGAP005129-PA	M7(Oxidation)	76	3.01E-07	1	1329.647	0	Ovary	2L:-:10338857-10338822	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_75970	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	119	1.20E-11	1	1856.979	3.96	Pupa	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_79057	DVLIETAR	AGAP005129-PA	-	39	0.002295067	1	916.511	0.87	Ovary	2L:-:10339226-10339203	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_79795	TRDVLIETAR	AGAP005129-PA	-	46	0.000267556	2	1173.661	2.24	Malpighian tubule	2L:-:10339232-10339203	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_85336	VVNTHFGIPSDVLIEGK	AGAP005129-PA	-	93	4.22E-09	1	1824.987	0.67	Pupa	2L:-:10339574-10339524	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_88476	VTDLIINAIPK	AGAP005129-PA	-	59	3.34E-06	2	1196.725	-0.05	Head	2L:-:10338935-10338903	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_88543	GIGLGVHEKGTVVTIEGPR	AGAP005129-PA	-	64	1.52E-06	1	1919.075	2.14	Malpighian tubule	2L:-:10339202-10339146	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_89579	QWGADLVNMTLVPEVVLAK	AGAP005129-PA	M9(Oxidation)	105	2.38E-10	1	2099.121	0.11	Ovary	2L:-:10339112-10339056	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_89593	VAALDWSDTIEELGK	AGAP005129-PA	-	132	1.23E-12	1	1646.830	1.36	Ovary	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_90670	EAGEDVNVADVLATFK	AGAP005129-PA	-	94	6.08E-09	2	1677.841	4.41	Head	2L:-:10338998-10338951	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_93027	IGIIGGSGLDDSQIIENRTER	AGAP005129-PA	-	100	1.17E-09	1	2243.167	2.08	Malpighian tubule	2L:-:10339637-10339575	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_93387	GTVVTIEGPR	AGAP005129-PA	-	52	5.48E-05	2	1028.572	-1.08	Pupa	2L:-:10339175-10339146	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_96723	ANIWALK	AGAP005129-PA	-	45	0.000512098	2	815.479	1.75	Ovary	2L:-:10339445-10339425	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_98316	EEIHPGDIVIPDNFIDR	AGAP005129-PA	-	44	0.000617806	1	1978.987	-0.07	Ovary	2L:-:10339373-10339323	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_98349	GIGLGVHEK	AGAP005129-PA	-	59	6.42E-06	1	909.519	3.77	Male reproductive organs	2L:-:10339202-10339176	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_100366	VAALDWSDTIEELGK	AGAP005129-PA	-	134	6.61E-13	1	1646.830	1.8	Head	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA

JHU_Ag_100654	NHSIMPSNVNYR	AGAP005129-PA	M5(Oxidation)	38	0.001770848	1	1447.674	-0.16	Male reproductive organs	2L:-:10339481-10339446	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_101966	VTDLIINAIPK	AGAP005129-PA	-	70	2.30E-07	2	1196.723	-1.38	Ovary	2L:-:10338935-10338903	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_104393	ANIWALK	AGAP005129-PA	-	51	0.000117663	2	815.478	0.18	Pupa	2L:-:10339445-10339425	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_105366	VVNTHFGIPSDVLIEGK	AGAP005129-PA	-	63	3.91E-06	1	1824.985	-0.4	Head	2L:-:10339574-10339524	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_107384	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	163	4.69E-16	1	1856.982	5.6	Male reproductive organs	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_109103	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	134	4.90E-13	1	1856.974	1.66	Head	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_110042	IGIIGGSGLDDSQIIENR	AGAP005129-PA	-	160	1.21E-15	1	1856.975	1.73	Ovary	2L:-:10339637-10339584	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_110847	EAGEDVNVADVLATFK	AGAP005129-PA	-	109	2.10E-10	1	1677.835	1.42	Ovary	2L:-:10338998-10338951	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_113861	VTDLIINAIPK	AGAP005129-PA	-	59	3.05E-06	2	1196.727	1.38	Pupa	2L:-:10338935-10338903	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_115047	IAGVDCVLLAR	AGAP005129-PA	C6(Carbamidomethyl)	83	5.39E-08	2	1186.664	2.04	Ovary	2L:-:10339523-10339491	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_117446	VAALDWSDTIEELGK	AGAP005129-PA	-	75	5.75E-07	2	1646.829	1.06	Visceras	2L:-:10338902-10338858	exon=> In CDS Exon 2 of transcript AGAP005129-PA
JHU_Ag_2054	KQMVCDVLHPGLASVSK	AGAP005131-PA	M3(Oxidation), C5(Carbamidomethyl)	74	5.54E-07	1	1884.972	2.44	Malpighian tubule	2L:-:10342625-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_6139	STGFALIYDTLDHAK	AGAP005131-PA	-	93	7.22E-09	1	1651.836	1.93	Malpighian tubule	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_6325	STGFALIYDTLDHAK	AGAP005131-PA	-	74	7.22E-07	1	1651.833	0.22	Salivary gland	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_12614	LAVMYK	AGAP005131-PA	-	43	0.000241708	2	724.406	-1.02	Visceras	2L:-:10342556-10342539	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_13778	EKLAVMYK	AGAP005131-PA	M6(Oxidation)	55	2.56E-05	1	997.543	4.12	Larva	2L:-:10342562-10342539	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_16523	LAVMYK	AGAP005131-PA	M4(Oxidation)	40	0.000672295	2	740.403	2.33	Larva	2L:-:10342556-10342539	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_16914	QMVCDVLHPGLASVSK	AGAP005131-PA	C4(Carbamidomethyl)	48	0.000243693	1	1740.881	2.32	Malpighian tubule	2L:-:10342622-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_25100	STGFALIYDTLDHAK	AGAP005131-PA	-	99	2.15E-09	1	1651.840	4.67	Larva	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_31576	STGFALIYDTLDHAK	AGAP005131-PA	-	97	3.36E-09	1	1651.837	2.52	Visceras	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_44493	TTPDVVFVFGFR	AGAP005131-PA	-	64	5.63E-06	1	1384.727	0.77	Midgut	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_45892	TTPDVVFVFGFR	AGAP005131-PA	-	94	5.07E-09	1	1384.727	0.77	Ovary	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_47338	HGLYEKK	AGAP005131-PA	-	49	0.000254597	2	874.480	2.63	Malpighian tubule	2L:-:10342406-10342386	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_53182	STGFALIYDTLDHAK	AGAP005131-PA	-	112	1.02E-10	1	1651.834	0.82	Male reproductive organs	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_56556	QMVCDVLHPGLASVSK	AGAP005131-PA	M2(Oxidation), C4(Carbamidomethyl),C4(Carbamidomethyl)	53	7.54E-05	2	1756.872	-0.29	Midgut	2L:-:10342622-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_64752	KQMVCDVLHPGLASVSK	AGAP005131-PA	M3(Oxidation), C5(Carbamidomethyl)	69	1.95E-06	1	1884.968	0.21	Larva	2L:-:10342625-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA

JHU_Ag_67207	KQMVCDVLHPGLASVSK	AGAP005131-PA	M3(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl),"Q2(Deamidated), C5(Carbamidomethyl)"	94	6.33E-09	1	1884.967	-0.28	Midgut	2L:-:10342625-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_69408	STGFALIYDTLDHAK	AGAP005131-PA	-	89	2.29E-08	1	1651.831	-1.22	Ovary	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_69442	TTPDVVFVFGFR	AGAP005131-PA	-	45	0.000372861	1	1384.728	1.12	Salivary gland	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_78640	KQMVCDVLHPGLASVSK	AGAP005131-PA	M3(Oxidation), C5(Carbamidomethyl)	94	6.66E-09	1	1884.969	0.89	Ovary	2L:-:10342625-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_80423	STGFALIYDTLDHAK	AGAP005131-PA	-	92	9.92E-09	1	1651.829	-2.13	Midgut	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_87203	TTPDVVFVFGFR	AGAP005131-PA	-	82	6.91E-08	2	1384.730	2.8	Pupa	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_89373	QMVCDVLHPGLASVSK	AGAP005131-PA	M2(Oxidation), C4(Carbamidomethyl)	58	2.38E-05	1	1756.874	1.09	Ovary	2L:-:10342622-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_89698	KQMVCDVLHPGLASVSK	AGAP005131-PA	M3(Oxidation), C5(Carbamidomethyl)	89	1.94E-08	1	1884.966	-0.79	Male reproductive organs	2L:-:10342625-10342575	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_96147	LAVMYK	AGAP005131-PA	-	32	0.003422 09	1	724.406	-0.51	Pupa	2L:-:10342556-10342539	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_106957	TTPDVVFVFGFR	AGAP005131-PA	-	84	4.26E-08	1	1384.736	7.03	Larva	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_108254	TTPDVVFVFGFR	AGAP005131-PA	-	79	1.46E-07	1	1384.732	4.38	Malpighian tubule	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_110186	TTPDVVFVFGFR	AGAP005131-PA	-	72	7.07E-07	2	1384.731	3.33	Head	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_111753	STGFALIYDTLDHAK	AGAP005131-PA	-	107	3.11E-10	1	1651.839	3.78	Pupa	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_113440	LAVMYK	AGAP005131-PA	M4(Oxidation)	36	0.001607218	2	740.401	-0.56	Ovary	2L:-:10342556-10342539	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_116893	TTPDVVFVFGFR	AGAP005131-PA	-	35	0.003780785	2	1384.729	2.09	Visceras	2L:-:10342538-10342503	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_117141	STGFALIYDTLDHAK	AGAP005131-PA	-	106	3.81E-10	1	1651.838	3.34	Head	2L:-:10342481-10342437	exon=> In CDS Exon 1 of transcript AGAP005131-PA
JHU_Ag_44	ISDDADAK	AGAP005134-PA	-	52	6.71E-05	2	834.384	-0.42	Salivary gland	2L:+:10358005-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_716	VSVREPMQTGIK	AGAP005134-PA	M7(Oxidation)	70	1.27E-06	1	1344.732	0.94	Malpighian tubule	2L:+:10356817-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_740	SVVTSFMSTFSA	AGAP005134-PA	M7(Oxidation)	95	4.13E-09	2	1279.589	1.46	Head	2L:+:10358035-10358070	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_1044	EAYPGDVFYLHSR	AGAP005134-PA	-	116	3.84E-11	1	1553.740	0.76	Salivary gland	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_1128	EFLAHVKTNEK	AGAP005134-PA	-	77	3.90E-07	1	1315.703	2.01	Head	2L:+:10357939-10357971	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_1670	SVVTSFMSTFSA	AGAP005134-PA	M7(Oxidation)	60	1.31E-05	2	1279.589	1.27	Male reproductive organs	2L:+:10358035-10358070	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_2339	STVAQIVK	AGAP005134-PA	-	52	5.40E-05	2	845.508	-1.72	Head	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_2493	TALAIDTIINQK	AGAP005134-PA	N10(Deamidated)	110	8.77E-11	2	1300.748	0.73	Pupa	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_2524	ADLEETGR	AGAP005134-PA	-	49	0.000203323	2	890.421	-0.02	Midgut	2L:+:10356365-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_2694	TALAIDTIINQKR	AGAP005134-PA	-	32	0.002758937	1	1456.847	-1.22	Visceras	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_2825	LYCIYVAIGQK	AGAP005134-PA	C3(Carbamidomethyl)	94	4.84E-09	2	1327.710	1.4	Visceras	2L:+:10357135-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_3037	VGIKAPGIIPR	AGAP005134-PA	-	64	1.08E-07	1	1120.720	0.08	Pupa	2L:+:10356784-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_3129	LKSVVTSFMSTFSA	AGAP005134-PA	-	94	5.65E-09	1	1504.777	3.81	Malpighian tubule	2L:+:10358029-10358070	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_4062	NIQADEMVEFSSGLK	AGAP005134-PA	M7(Oxidation)	120	1.36E-11	1	1683.789	-0.46	Ovary	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_4273	APGIIPR	AGAP005134-PA	-	44	2.67E-05	2	723.451	-0.19	Midgut	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_4309	LYCIYVAIGQKR	AGAP005134-PA	C3(Carbamidomethyl)	80	8.12E-08	1	1483.810	0.56	Visceras	2L:+:10357135-10357170	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_4315	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	84	2.48E-08	1	1766.978	1.29	Midgut	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_4601	ELIIGDRQTGK	AGAP005134-PA	-	83	6.46E-08	1	1229.687	1.96	Malpighian tubule	2L:+:10356892-10356920,10357062-10357065	exon=> In CDS Exon 3 and 4 of transcript AGAP005134-PA
JHU_Ag_4611	VSVREPMQTGIK	AGAP005134-PA	M7(Oxidation)	55	4.79E-05	2	1360.726	0.18	Pupa	2L:+:10356817-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_4713	ISDDADAKLK	AGAP005134-PA	-	83	8.20E-08	1	1075.562	-0.69	Malpighian tubule	2L:+:10358005-10358034	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_4823	ISDDADAK	AGAP005134-PA	-	47	0.000259016	2	834.383	-1.59	Head	2L:+:10358005-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_5052	LTELLK	AGAP005134-PA	-	43	9.62E-05	2	716.455	-0.59	Midgut	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_5418	ISDDADAK	AGAP005134-PA	-	39	0.001345566	2	834.384	-0.56	Malpighian tubule	2L:+:10358005-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_5479	EPMQTGIK	AGAP005134-PA	-	42	0.001134715	2	903.460	-0.25	Visceras	2L:+:10356829-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_5861	TGAIVDVPVGDEILGR	AGAP005134-PA	-	80	7.49E-08	1	1610.879	2.51	Pupa	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_5985	SVVTSFMSTFSA	AGAP005134-PA	M7(Oxidation)	89	1.41E-08	1	1279.590	1.75	Ovary	2L:+:10358035-10358070	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_6032	LTELLK	AGAP005134-PA	-	43	8.36E-05	2	716.454	-2.46	Head	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_6238	GAEISAILEER	AGAP005134-PA	-	101	1.36E-09	2	1187.626	-0.48	Midgut	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_6468	FNDGQDESK	AGAP005134-PA	-	60	4.38E-06	2	1039.432	-0.54	Midgut	2L:+:10357105-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_6535	RSTVAQIVK	AGAP005134-PA	-	31	0.003477063	1	1001.609	-1.38	Ovary	2L:+:10357168-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_7444	GMALNLEPDNVGVVVFGNDKLIK	AGAP005134-PA	N10(Deamidated),N18(Deamidated)	54	3.79E-05	1	2443.299	3.47	Visceras	2L:+:10356580-10356648	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_7708	EPMQTGIK	AGAP005134-PA	-	50	0.000163983	2	903.461	0.69	Head	2L:+:10356829-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_8218	AVDSLVPIGR	AGAP005134-PA	-	66	1.06E-06	2	1026.594	-0.23	Pupa	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_8436	ALLQQIASEGK	AGAP005134-PA	-	96	3.40E-09	1	1157.651	-0.96	Ovary	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_8742	GYLDKMDPSK	AGAP005134-PA	M6(Oxidation)	44	0.000376969	1	1169.550	-0.36	Midgut	2L:+:10357891-10357920	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_8935	VSVREPMQTGIK	AGAP005134-PA	M7(Oxidation)	69	1.57E-06	1	1344.731	0.03	Midgut	2L:+:10356817-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_9366	FNDGQDESKK	AGAP005134-PA	-	68	1.44E-06	1	1167.528	-0.06	Salivary gland	2L:+:10357105-10357134	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_9430	QMSLLLR	AGAP005134-PA	M2(Oxidation)	35	0.002908867	2	876.497	-0.16	Pupa	2L:+:10357378-10357398	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_9738	KLYCIYVAIGQK	AGAP005134-PA	C4(Carbamidomethyl)	78	1.39E-07	2	1455.805	1.7	Salivary gland	2L:+:10357132-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_12530	HALIIYDDLSK	AGAP005134-PA	-	98	2.49E-09	1	1287.690	-3.02	Midgut	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_12538	GAEISAILEER	AGAP005134-PA	-	78	2.38E-07	1	1187.628	0.76	Ovary	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_12732	HALIIYDDLSK	AGAP005134-PA	-	94	6.01E-09	1	1287.699	3.52	Larva	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_13769	NIQADEMVEFSSGLK	AGAP005134-PA	N1(Deamidated), M7(Oxidation),M7(Oxidation)	125	4.07E-12	1	1683.794	2.59	Malpighian tubule	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_13810	ISDDADAK	AGAP005134-PA	-	40	0.001243317	1	834.384	-0.18	Midgut	2L:+:10358005-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_13819	EAYPGDVFYLHSR	AGAP005134-PA	-	115	3.95E-11	1	1553.740	0.84	Pupa	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_14544	VVDALGNAIDGK	AGAP005134-PA	N7(Deamidated)	85	3.67E-08	2	1171.631	-0.76	Pupa	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_15499	QMSLLLR	AGAP005134-PA	M2(Oxidation)	45	0.000335601	2	860.502	-0.26	Midgut	2L:+:10357378-10357398	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_16529	QAVAYRQMSLLLR	AGAP005134-PA	M8(Oxidation)	70	4.86E-07	1	1564.864	0.83	Malpighian tubule	2L:+:10357360-10357398	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_16884	KLYCIYVAIGQK	AGAP005134-PA	C4(Carbamidomethyl)	88	1.39E-08	1	1455.803	0.19	Head	2L:+:10357132-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_17585	LTELLK	AGAP005134-PA	-	34	0.00077453	1	716.455	-0.16	Male reproductive organs	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_17765	VLSIGDGIAR	AGAP005134-PA	-	67	2.50E-06	2	1000.576	-2.53	Midgut	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_17769	TALAIDTIINQKR	AGAP005134-PA	-	95	1.24E-09	1	1456.850	1.45	Salivary gland	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_17866	EAYPGDVFYLHSR	AGAP005134-PA	-	92	8.12E-09	1	1553.739	0.29	Ovary	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_18388	APGIIPR	AGAP005134-PA	-	56	4.12E-06	2	723.451	-0.69	Head	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_18582	GAEISAILEER	AGAP005134-PA	-	83	8.02E-08	2	1187.627	0.45	Pupa	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_18805	TGAIVDVPVGDEILGR	AGAP005134-PA	-	47	0.000145624	2	1610.881	3.87	Larva	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_19947	LIKEGDIVK	AGAP005134-PA	-	53	1.45E-05	1	1014.621	1.32	Head	2L:+:10356640-10356666	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_20122	GMALNLEPDNVGVVVFGNDKLIK	AGAP005134-PA	M2(Oxidation)	82	4.04E-08	2	2442.315	3.58	Malpighian tubule	2L:+:10356580-10356648	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_20136	GMALNLEPDNVGVVVFGNDKLIK	AGAP005134-PA	-	66	1.92E-06	1	2442.311	1.82	Head	2L:+:10356580-10356648	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_20158	GIRPAINVGLSVSR	AGAP005134-PA	-	83	7.42E-09	1	1438.850	0.91	Malpighian tubule	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_21175	HALIIYDDLSK	AGAP005134-PA	-	98	2.43E-09	1	1287.693	-1.03	Salivary gland	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_21289	VVDALGNAIDGKGEIK	AGAP005134-PA	N7(Deamidated)	125	2.96E-12	1	1599.858	-0.76	Midgut	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_21339	VGSAAQTKAMK	AGAP005134-PA	Q6(Deamidated), M10(Oxidation)	39	0.001965702	1	1108.559	-7.43	Head	2L:+:10357660-10357692	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_21745	KLYCIYVAIGQK	AGAP005134-PA	C4(Carbamidomethyl)	73	4.11E-07	1	1455.803	0.19	Male reproductive organs	2L:+:10357132-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_22027	LELAQYR	AGAP005134-PA	-	54	6.10E-05	2	892.489	0.11	Visceras	2L:+:10357714-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_22241	ALLQQIASEGK	AGAP005134-PA	Q4(Deamidated)	101	1.05E-09	1	1157.654	1.15	Pupa	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_23094	QGQYVPMAIEEQVAVIYCGVR	AGAP005134-PA	M7(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	115	4.92E-11	1	2426.195	4.53	Visceras	2L:+:10357828-10357890	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_23258	TALAIDTIINQK	AGAP005134-PA	-	107	1.58E-10	1	1300.749	1.66	Malpighian tubule	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_23452	STVAQIVK	AGAP005134-PA	-	40	0.000754843	2	845.509	-0.64	Ovary	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_23728	DNGKHALIIYDDLSK	AGAP005134-PA	N2(Deamidated)	67	2.85E-06	1	1702.882	9.87	Visceras	2L:+:10357315-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_24136	LELAQYREVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	210	8.45E-21	1	3238.656	2.07	Malpighian tubule	2L:+:10357714-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_24661	VSVREPMQTGIK	AGAP005134-PA	M7(Oxidation)	39	0.00168516	2	1360.727	1.08	Ovary	2L:+:10356817-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_25596	LELAQYR	AGAP005134-PA	-	49	0.000173925	1	892.489	-0.17	Pupa	2L:+:10357714-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_26080	LELAQYR	AGAP005134-PA	Q5(Deamidated)	50	0.000157893	2	892.489	-0.1	Head	2L:+:10357714-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_27256	STVAQIVK	AGAP005134-PA	-	42	0.000494148	2	845.508	-1.43	Pupa	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_27284	FNDGQDESK	AGAP005134-PA	-	64	1.36E-06	2	1039.431	-1.72	Head	2L:+:10357105-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_27600	EPMQTGIK	AGAP005134-PA	M3(Oxidation)	54	7.29E-05	2	919.455	-0.43	Midgut	2L:+:10356829-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_27679	HALIIYDDLSKQAVAYR	AGAP005134-PA	-	139	1.11E-13	1	1976.059	-0.53	Malpighian tubule	2L:+:10357327-10357377	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_27713	QGQYVPMAIEEQVAVIYCGVR	AGAP005134-PA	M7(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	113	7.02E-11	2	2410.206	6.9	Head	2L:+:10357828-10357890	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_27886	SVVTSFMSTFSA	AGAP005134-PA	M7(Oxidation)	90	1.45E-08	2	1263.595	1.9	Visceras	2L:+:10358035-10358070	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_28539	RPPGREAYPGDVFYLHSR	AGAP005134-PA	-	72	8.74E-07	1	2117.071	1.64	Malpighian tubule	2L:+:10357399-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_28887	APGIIPR	AGAP005134-PA	-	63	7.10E-07	2	723.451	-0.78	Malpighian tubule	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_29427	LYCIYVAIGQKR	AGAP005134-PA	C3(Carbamidomethyl)	82	5.46E-08	1	1483.811	1.39	Malpighian tubule	2L:+:10357135-10357170	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_30168	VLSIGDGIAR	AGAP005134-PA	-	77	2.50E-07	1	1000.577	-1.31	Ovary	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_30542	LYCIYVAIGQK	AGAP005134-PA	C3(Carbamidomethyl)	88	1.94E-08	1	1327.708	-0.16	Midgut	2L:+:10357135-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_30600	RSTVAQIVK	AGAP005134-PA	-	35	0.00076555	1	1001.623	12.4	Male reproductive organs	2L:+:10357168-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_30643	TGAIVDVPVGDEILGR	AGAP005134-PA	-	111	7.03E-11	1	1610.878	1.68	Head	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_30729	ISDDADAK	AGAP005134-PA	-	42	0.000816654	2	834.384	0.53	Visceras	2L:+:10358005-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_30854	ADLEETGR	AGAP005134-PA	-	41	0.001216708	2	890.423	1.28	Ovary	2L:+:10356365-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_30934	QVAGSMKLELAQYR	AGAP005134-PA	M6(Oxidation)	81	1.09E-07	1	1609.839	1.66	Visceras	2L:+:10357693-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_31029	VVDALGNAIDGK	AGAP005134-PA	-	49	0.000144766	2	1171.634	1.53	Male reproductive organs	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_31998	VSVREPMQTGIK	AGAP005134-PA	M7(Oxidation)	68	2.27E-06	1	1360.729	2.33	Head	2L:+:10356817-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_32282	DNGKHALIIYDDLSK	AGAP005134-PA	-	94	6.25E-09	1	1701.883	1.13	Malpighian tubule	2L:+:10357315-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_32497	HALIIYDDLSK	AGAP005134-PA	-	83	6.48E-08	1	1287.693	-0.75	Male reproductive organs	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_32943	EFLAHVKTNEK	AGAP005134-PA	-	89	2.02E-08	1	1315.701	0.52	Malpighian tubule	2L:+:10357939-10357971	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_33318	EFLAHVK	AGAP005134-PA	-	36	0.002471914	1	843.473	0.58	Midgut	2L:+:10357939-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_33882	STVAQIVK	AGAP005134-PA	-	36	0.002362756	1	845.512	3.06	Larva	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_33906	LIKEGDIVK	AGAP005134-PA	-	47	0.000100543	1	1014.620	0.48	Malpighian tubule	2L:+:10356640-10356666	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_34567	ADLEETGR	AGAP005134-PA	-	66	4.13E-06	2	890.422	0.19	Head	2L:+:10356365-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_34937	VVDALGNAIDGK	AGAP005134-PA	-	82	8.93E-08	1	1171.631	-0.97	Ovary	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_35516	LTELLK	AGAP005134-PA	-	45	0.000121466	2	716.457	2.4	Malpighian tubule	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_36016	DNGKHALIIYDDLSK	AGAP005134-PA	N2(Deamidated)	48	0.000270394	2	1702.857	-4.61	Midgut	2L:+:10357315-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_36480	GYLDKMDPSK	AGAP005134-PA	M6(Oxidation)	62	6.42E-06	1	1169.550	-0.36	Visceras	2L:+:10357891-10357920	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_36643	NIQADEMVEFSSGLK	AGAP005134-PA	M7(Oxidation)	97	2.53E-09	1	1683.791	0.99	Pupa	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_37066	KLYCIYVAIGQK	AGAP005134-PA	C4(Carbamidomethyl)	88	1.32E-08	1	1455.802	-0.32	Midgut	2L:+:10357132-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_37488	EFLAHVK	AGAP005134-PA	-	43	0.000492077	1	843.473	0.71	Salivary gland	2L:+:10357939-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_39729	TALAIDTIINQK	AGAP005134-PA	-	106	1.96E-10	1	1300.747	0.26	Salivary gland	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_39775	ALLQQIASEGK	AGAP005134-PA	-	90	1.31E-08	1	1157.651	-0.96	Head	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_40339	EPMQTGIK	AGAP005134-PA	M3(Oxidation)	52	0.000113208	2	919.454	-1.16	Male reproductive organs	2L:+:10356829-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_40520	TGAIVDVPVGDEILGR	AGAP005134-PA	-	136	2.12E-13	1	1610.873	-1.13	Malpighian tubule	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_40995	VSVREPMQTGIK	AGAP005134-PA	M7(Oxidation)	70	1.44E-06	1	1344.732	0.94	Visceras	2L:+:10356817-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_41239	VVDALGNAIDGKGEIK	AGAP005134-PA	N7(Deamidated)	122	5.70E-12	1	1598.873	-1.29	Ovary	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_41272	RFNDGQDESK	AGAP005134-PA	Q6(Deamidated)	62	5.19E-06	2	1195.531	-2.55	Head	2L:+:10357102-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_41603	ILGAAPK	AGAP005134-PA	-	33	0.000709485	1	669.430	0.93	Salivary gland	2L:+:10356344-10356364	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_43499	AVDSLVPIGR	AGAP005134-PA	-	70	4.52E-07	2	1026.594	-0.11	Midgut	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_43608	GYLDKMDPSK	AGAP005134-PA	M6(Oxidation)	64	4.68E-06	1	1169.551	0.27	Malpighian tubule	2L:+:10357891-10357920	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_44034	LELAQYR	AGAP005134-PA	-	45	0.000364896	1	892.491	2.5	Male reproductive organs	2L:+:10357714-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_44248	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation),"M2(Oxidation), N10(Deamidated)","M2(Oxidation), N5(Deamidated)","M2(Oxidation), N18(Deamidated)"	139	2.07E-13	1	2104.037	-0.31	Head	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_44757	RFNDGQDESK	AGAP005134-PA	-	44	0.000342 77	2	1195.536	1.53	Malpighian tubule	2L:+:10357102-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_44821	ILGAAPKADLEETGR	AGAP005134-PA	-	87	1.66E-08	1	1540.832	-0.39	Visceras	2L:+:10356344-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_44850	DNGKHALIIYDDLSK	AGAP005134-PA	N2(Deamidated)	90	1.67E-08	1	1701.886	3.35	Head	2L:+:10357315-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_44930	EPMQTGIK	AGAP005134-PA	M3(Oxidation)	48	0.000187 185	2	919.451	-4.34	Salivary gland	2L:+:10356829-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_45017	LYCIYVAIGQK	AGAP005134-PA	C3(Carbamidomethyl)	91	9.33E-09	1	1327.708	0.21	Head	2L:+:10357135-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_45115	FEREFLAHVK	AGAP005134-PA	-	45	0.000513 253	1	1275.686	1.06	Malpighian tubule	2L:+:10357930-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_45433	ELIIGDR	AGAP005134-PA	-	39	0.002433 302	1	815.461	-0.86	Midgut	2L:+:10356892-10356912	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_46559	ALLQQIASEGK	AGAP005134-PA	-	94	4.87E-09	1	1157.652	-0.74	Male reproductive organs	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_46919	LYCIYVAIGQK	AGAP005134-PA	C3(Carbamidomethyl)	77	1.93E-07	1	1327.710	1.77	Malpighian tubule	2L:+:10357135-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_47489	AVDSLVPIGRGQR	AGAP005134-PA	-	51	3.89E-05	1	1367.777	1.33	Head	2L:+:10356853-10356891	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_47762	KLYCIYVAIGQK	AGAP005134-PA	C4(Carbamidomethyl)	70	9.26E-07	1	1455.804	1.11	Malpighian tubule	2L:+:10357132-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_47870	VLSIGDGIAR	AGAP005134-PA	-	77	2.41E-07	1	1000.578	-0.15	Salivary gland	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_48063	VVDALGNAIDGK	AGAP005134-PA	N7(Deamidated)	90	1.22E-08	2	1171.632	0.07	Head	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_48412	RFNDGQDESK	AGAP005134-PA	-	48	0.000154 885	1	1195.533	-0.71	Midgut	2L:+:10357102-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_48850	ILGAAPK	AGAP005134-PA	-	29	0.001482 325	1	669.429	-0.8	Head	2L:+:10356344-10356364	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_49376	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	146	3.82E-14	1	2365.182	1.65	Pupa	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_49690	ILGAAPK	AGAP005134-PA	-	34	0.000923 037	1	669.438	12.05	Male reproductive organs	2L:+:10356344-10356364	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_49859	VVDALGNAIDGKGEIK	AGAP005134-PA	-	122	5.51E-12	1	1598.876	0.77	Salivary gland	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_49991	AVDSLVPIGR	AGAP005134-PA	-	82	2.89E-08	2	1026.596	1.91	Salivary gland	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_50301	ALLQQIASEGK	AGAP005134-PA	-	101	1.08E-09	1	1157.654	1.15	Visceras	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_51033	ELIIGDR	AGAP005134-PA	-	43	0.000600 171	2	815.461	-1.48	Pupa	2L:+:10356892-10356912	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_51905	FNDGQDESKK	AGAP005134-PA	-	78	1.74E-07	1	1167.530	1.71	Male reproductive organs	2L:+:10357105-10357134	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_51999	ALLQQIASEGK	AGAP005134-PA	Q4(Deamidated)	101	1.09E-09	1	1157.651	-1.59	Salivary gland	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_52052	VGIKAPGIIPR	AGAP005134-PA	-	38	4.98E-05	1	1120.722	1.3	Male reproductive organs	2L:+:10356784-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA

JHU_Ag_52252	QAVAYR	AGAP005134-PA	-	33	0.004902 66	2	707.383	-0.16	Head	2L:+:10357360-10357377	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_52714	VVDALGNAIDGKGEIK	AGAP005134-PA	N7(Deamidated)	133	4.43E-13	1	1598.874	-0.45	Visceras	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_54197	APGIIPR	AGAP005134-PA	-	51	1.88E-05	2	723.453	1.76	Ovary	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_54806	HALIIYDDLSK	AGAP005134-PA	-	98	2.30E-09	1	1287.696	0.96	Pupa	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_55009	LELAQYR	AGAP005134-PA	-	49	0.000176 087	2	892.488	-0.78	Midgut	2L:+:10357714-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_55023	NIQADEMVEFSSGLK	AGAP005134-PA	M7(Oxidation)	132	8.58E-13	2	1683.791	1.06	Head	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_55689	NIQADEMVEFSSGLK	AGAP005134-PA	M7(Oxidation)	114	5.45E-11	2	1683.791	1.14	Male reproductive organs	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_56008	QMSLLLR	AGAP005134-PA	-	48	0.000158 425	2	860.501	-1.6	Visceras	2L:+:10357378-10357398	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_56285	VVDALGNAIDGKGEIK	AGAP005134-PA	N7(Deamidated)	119	1.17E-11	1	1598.876	0.39	Pupa	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_56437	GYLDKMDPSK	AGAP005134-PA	M6(Oxidation)	42	0.000757 502	2	1169.546	-3.8	Salivary gland	2L:+:10357891-10357920	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_56575	VGSAAQTK	AGAP005134-PA	-	39	0.002321 731	2	761.416	1.65	Midgut	2L:+:10357660-10357683	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_56788	ALLQQIASEGK	AGAP005134-PA	-	100	1.10E-09	1	1157.649	-2.64	Midgut	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_57488	ALLQQIASEGKISDDADAK	AGAP005134-PA	-	155	4.15E-15	1	1973.023	2.43	Malpighian tubule	2L:+:10357972-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_57533	QGQYVPMAIEEQVAVIYCGVR	AGAP005134-PA	M7(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	128	2.28E-12	1	2410.201	4.98	Malpighian tubule	2L:+:10357828-10357890	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_57925	NIQADEMVEFSSGLK	AGAP005134-PA	M7(Oxidation)	105	4.50E-10	1	1683.789	-0.24	Midgut	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_57973	TNEKALLQQIASEGK	AGAP005134-PA	-	134	4.53E-13	1	1629.881	0.43	Malpighian tubule	2L:+:10357960-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_59041	STVAQIVK	AGAP005134-PA	-	40	0.000890 957	2	845.508	-1.36	Male reproductive organs	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_59363	HALIIYDDLSK	AGAP005134-PA	-	98	2.32E-09	1	1287.696	0.96	Malpighian tubule	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_59563	QAVAYR	AGAP005134-PA	-	39	0.001174 91	2	707.384	0.53	Visceras	2L:+:10357360-10357377	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_59680	ADLEETGR	AGAP005134-PA	-	59	1.62E-05	2	890.418	-4.06	Salivary gland	2L:+:10356365-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_59708	GAEISAILEER	AGAP005134-PA	-	107	3.08E-10	2	1187.628	1.07	Head	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_60581	TGAIVDVPVGDEILGR	AGAP005134-PA	-	81	5.36E-08	1	1610.882	4.48	Midgut	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_60839	GIRPAINVGLSVSR	AGAP005134-PA	-	66	3.19E-07	1	1438.848	-0.53	Ovary	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_60894	QGQYVPMAIEEQVAVIYCGVR	AGAP005134-PA	M7(Oxidation), C18(Carbamidomethyl)	52	8.83E-05	1	2426.186	0.47	Ovary	2L:+:10357828-10357890	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_62028	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	194	6.77E-19	1	2365.184	2.53	Ovary	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_62060	LELAQYR	AGAP005134-PA	-	46	0.000376 467	2	892.488	-0.92	Salivary gland	2L:+:10357714-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_62791	LYCIYVAIGQK	AGAP005134-PA	C3(Carbamidomethyl)	71	8.37E-07	1	1327.707	-0.9	Salivary gland	2L:+:10357135-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_63034	ELIIGDR	AGAP005134-PA	-	42	0.000706672	2	815.461	-1.33	Head	2L:+:10356892-10356912	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_63215	GIRPAINVGLSVSR	AGAP005134-PA	N7(Deamidated)	83	6.43E-09	1	1438.852	2.36	Visceras	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_63450	AVDSLVPIGRGQR	AGAP005134-PA	-	40	0.000497962	1	1367.776	0.7	Malpighian tubule	2L:+:10356853-10356891	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_63456	STVAQIVKR	AGAP005134-PA	-	56	1.15E-05	1	1001.610	-0.34	Visceras	2L:+:10357171-10357197	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_63571	TGAIVDVPVGDEILGR	AGAP005134-PA	-	65	2.43E-06	1	1610.875	0.16	Male reproductive organs	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_63606	EGDIVKR	AGAP005134-PA	-	38	0.003403936	2	816.457	-0.52	Visceras	2L:+:10356649-10356669	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_63705	ALLQQIASEGKISDDADAK	AGAP005134-PA	-	74	6.60E-07	1	1973.019	0.11	Male reproductive organs	2L:+:10357972-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_63732	QMSLLLR	AGAP005134-PA	M2(Oxidation)	46	0.000264742	2	860.501	-1.53	Head	2L:+:10357378-10357398	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_63886	FNDGQDESK	AGAP005134-PA	-	66	9.55E-07	2	1039.434	0.87	Visceras	2L:+:10357105-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_64675	FNDGQDESKK	AGAP005134-PA	-	52	6.35E-05	1	1167.526	-1.22	Malpighian tubule	2L:+:10357105-10357134	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_65251	AVDSLVPIGR	AGAP005134-PA	-	66	1.17E-06	2	1026.595	0.84	Malpighian tubule	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_65492	VVDALGNAIDGKGEIK	AGAP005134-PA	-	87	1.78E-08	1	1598.880	3.37	Larva	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_65559	TALAIDTIINQK	AGAP005134-PA	Q11(Deamidated),N10(Deamidated)	94	2.79E-09	2	1300.749	1.76	Midgut	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_65652	TALAIDTIINQKR	AGAP005134-PA	-	87	7.31E-09	1	1456.849	0.62	Pupa	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_65755	VVDALGNAIDGK	AGAP005134-PA	-	84	5.19E-08	2	1171.631	-0.87	Midgut	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_66760	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	183	7.91E-18	1	2365.184	2.5	Visceras	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_67564	STVAQIVKR	AGAP005134-PA	-	67	1.03E-06	1	1001.610	0.21	Malpighian tubule	2L:+:10357171-10357197	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_67694	GAEISAILEERILGAAPK	AGAP005134-PA	-	118	4.80E-12	1	1838.044	3.23	Malpighian tubule	2L:+:10356311-10356364	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_68099	GIRPAINVGLSVSR	AGAP005134-PA	-	83	7.71E-09	1	1438.849	-0.05	Pupa	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_68444	GIRPAINVGLSVSR	AGAP005134-PA	-	83	7.07E-09	1	1438.849	0.14	Salivary gland	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_68536	FRVGIK	AGAP005134-PA	-	24	0.004857275	1	719.456	-0.38	Malpighian tubule	2L:+:10356778-10356795	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_68600	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation)	154	6.54E-15	1	2104.038	-0.08	Ovary	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_69370	SVVTSFMSTFSA	AGAP005134-PA	M7(Oxidation)	85	4.99E-08	1	1263.595	1.8	Salivary gland	2L:+:10358035-10358070	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_69482	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation)	88	2.29E-08	1	2104.039	0.38	Pupa	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_69813	QVAGSMKLELAQYR	AGAP005134-PA	M6(Oxidation)	96	3.25E-09	1	1609.839	1.51	Malpighian tubule	2L:+:10357693-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_70062	EFLAHVK	AGAP005134-PA	-	47	0.00019144	1	843.472	-0.23	Ovary	2L:+:10357939-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_70322	QGQYVPMAIEEQVAVIYCGVR	AGAP005134-PA	M7(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	105	4.58E-10	2	2410.192	1.23	Midgut	2L:+:10357828-10357890	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_70420	LYCIYVAIGQKR	AGAP005134-PA	C3(Carbamidomethyl)	80	7.25E-08	1	1483.813	2.54	Head	2L:+:10357135-10357170	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_70639	EFLAHVK	AGAP005134-PA	-	36	0.002466229	1	843.472	-0.43	Pupa	2L:+:10357939-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_70784	STVAQIVKR	AGAP005134-PA	-	52	3.00E-05	1	1001.605	-5.58	Head	2L:+:10357171-10357197	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_71120	ADLEETGR	AGAP005134-PA	-	55	5.49E-05	2	890.432	11.7	Male reproductive organs	2L:+:10356365-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_71140	RSTVAQIVK	AGAP005134-PA	-	36	0.001283669	1	1001.611	0.33	Visceras	2L:+:10357168-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_71329	TGAIVDVPVGDEILGR	AGAP005134-PA	-	132	5.44E-13	1	1610.877	1.3	Ovary	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_71557	VLSIGDGIAR	AGAP005134-PA	-	74	5.27E-07	2	1000.579	0.46	Male reproductive organs	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_71632	STVAQIVKR	AGAP005134-PA	-	66	1.04E-06	1	1001.610	0.09	Pupa	2L:+:10357171-10357197	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_72068	TALAIDTIINQK	AGAP005134-PA	-	77	1.49E-07	1	1300.752	3.41	Larva	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_72178	TALAIDTIINQKR	AGAP005134-PA	-	94	1.96E-09	1	1456.847	-0.64	Midgut	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_72656	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	187	2.87E-18	1	2365.179	0.26	Malpighian tubule	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_74429	KLYCIYVAIGQK	AGAP005134-PA	C4(Carbamidomethyl)	72	4.83E-07	1	1455.803	-0.24	Ovary	2L:+:10357132-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_74480	VSVREPMQTGIK	AGAP005134-PA	M7(Oxidation)	47	0.000236074	1	1344.729	-1.15	Salivary gland	2L:+:10356817-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_74533	VVDALGNAIDGK	AGAP005134-PA	-	90	1.15E-08	1	1171.632	0.59	Visceras	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_74620	FEREFLAHVK	AGAP005134-PA	-	37	0.003593221	1	1275.684	-0.34	Male reproductive organs	2L:+:10357930-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_74832	TGAIVDVPVGDEILGR	AGAP005134-PA	-	101	6.60E-10	1	1610.877	1.22	Visceras	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_74853	LTELLK	AGAP005134-PA	-	43	0.000195906	2	716.456	0.69	Visceras	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_74925	FNDGQDESKK	AGAP005134-PA	-	51	8.55E-05	1	1167.527	-0.9	Visceras	2L:+:10357105-10357134	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_75299	STVAQIVKR	AGAP005134-PA	-	40	0.000413769	2	1001.609	-1.13	Male reproductive organs	2L:+:10357171-10357197	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_75654	EAYPGDVFYLHSR	AGAP005134-PA	-	116	3.85E-11	1	1553.740	0.76	Head	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_75729	NIQADEMVEFSSGLK	AGAP005134-PA	M7(Oxidation)	114	5.63E-11	1	1683.786	-2.05	Salivary gland	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_77481	GIRPAINVGLSVSRVGSAAQTK	AGAP005134-PA	Q20(Deamidated)	113	9.81E-12	1	2181.249	1.3	Head	2L:+:10357618-10357683	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_77571	VVDALGNAIDGK	AGAP005134-PA	-	88	1.95E-08	2	1171.631	-0.66	Salivary gland	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_77821	EFLAHVK	AGAP005134-PA	-	40	0.000848812	2	843.460	-14.34	Male reproductive organs	2L:+:10357939-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_78123	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	83	2.70E-08	1	1766.980	2.25	Ovary	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_78526	VLSIGDGIAR	AGAP005134-PA	-	76	3.11E-07	2	1000.579	0.09	Pupa	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_79842	AVDSLVPIGR	AGAP005134-PA	-	70	4.42E-07	2	1026.594	-0.11	Male reproductive organs	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_80060	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	96	1.71E-09	1	1766.976	0.08	Male reproductive organs	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA

JHU_Ag_80603	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation)	98	2.39E-09	1	2104.037	-0.43	Male reproductive organs	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_80729	VVDALGNAIDGKGEIK	AGAP005134-PA	-	127	1.58E-12	1	1598.877	1.38	Malpighian tubule	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_81681	STVAQIVKR	AGAP005134-PA	-	56	1.27E-05	2	1001.610	0.09	Salivary gland	2L:+:10357171-10357197	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_81986	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	195	4.40E-19	1	2365.180	0.72	Head	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_82189	EAYPGDVFYLHSR	AGAP005134-PA	-	116	3.35E-11	1	1553.739	0.37	Male reproductive organs	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_82198	VLSIGDGIAR	AGAP005134-PA	-	78	2.05E-07	2	1000.580	1.68	Malpighian tubule	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_82442	STVAQIVK	AGAP005134-PA	-	41	0.000668123	2	845.509	-0.42	Midgut	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_82533	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	126	3.82E-12	1	2365.181	0.95	Male reproductive organs	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_83668	VGSAAQTK	AGAP005134-PA	-	59	3.42E-05	2	761.415	-0.11	Salivary gland	2L:+:10357660-10357683	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_83983	AVDSLVPIGR	AGAP005134-PA	-	60	4.48E-06	2	1026.594	-0.47	Ovary	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_84047	TALAIDTIINQKR	AGAP005134-PA	-	80	4.21E-08	1	1456.851	1.62	Ovary	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_84196	GIRPAINVGLSVSR	AGAP005134-PA	-	83	1.20E-08	1	1438.848	-0.75	Male reproductive organs	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_84283	STVAQIVK	AGAP005134-PA	-	56	1.94E-05	2	845.509	-0.42	Malpighian tubule	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_84474	AVDSLVPIGR	AGAP005134-PA	-	63	2.34E-06	2	1026.593	-0.83	Visceras	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_84881	FNDGQDESK	AGAP005134-PA	-	39	0.000453974	2	1039.433	0.4	Ovary	2L:+:10357105-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_84914	ILGAAPK	AGAP005134-PA	-	27	0.002890303	1	669.429	-0.98	Midgut	2L:+:10356344-10356364	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_85444	ELIIGDR	AGAP005134-PA	-	42	0.001416433	2	815.462	0.09	Malpighian tubule	2L:+:10356892-10356912	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_85512	MSPTLGGGSLTALPVIETQAGDVSAYIPTNVISITDGQIFLETELFYK	AGAP005134-PA	M1(Oxidation)	127	6.87E-13	1	5073.595	0.83	Malpighian tubule	2L:+:10357474-10357617	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_85594	TALAIDTIINQK	AGAP005134-PA	-	88	1.30E-08	1	1300.747	0.07	Male reproductive organs	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_85951	STVAQIVKR	AGAP005134-PA	-	66	1.18E-06	1	1001.610	-0.64	Midgut	2L:+:10357171-10357197	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_86977	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation)	163	8.36E-16	1	2104.041	1.55	Malpighian tubule	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_87128	ADLEETGR	AGAP005134-PA	-	66	3.96E-06	2	890.423	2.04	Malpighian tubule	2L:+:10356365-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_87636	EPMQTGIK	AGAP005134-PA	-	52	0.000111871	2	903.462	1.91	Malpighian tubule	2L:+:10356829-10356852	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_87932	ADLEETGRVLSIGDGIAR	AGAP005134-PA	-	123	4.53E-12	1	1871.986	2.04	Malpighian tubule	2L:+:10356365-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_88515	VGIKAPGIIPR	AGAP005134-PA	-	65	9.21E-08	1	1120.719	-0.74	Head	2L:+:10356784-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_88635	GAEISAILEER	AGAP005134-PA	-	107	3.33E-10	2	1187.630	2.61	Malpighian tubule	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_88747	EAYPGDVFYLHSR	AGAP005134-PA	-	52	9.23E-05	2	1553.744	3.51	Larva	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_89007	EAYPGDVFYLHSR	AGAP005134-PA	-	116	3.84E-11	1	1553.740	0.76	Visceras	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_89055	HALIIYDDLSK	AGAP005134-PA	-	98	2.33E-09	1	1287.693	-1.22	Ovary	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_89064	TALAIDTIINQKR	AGAP005134-PA	-	101	3.01E-10	1	1456.851	1.54	Male reproductive organs	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_89532	RFNDGQDESK	AGAP005134-PA	-	35	0.002897366	1	1195.536	1.53	Salivary gland	2L:+:10357102-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_89609	VVDALGNAIDGKGEIK	AGAP005134-PA	-	133	4.26E-13	1	1598.876	0.39	Head	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_89712	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	109	7.93E-11	1	1766.977	0.8	Head	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_89819	QGQYVPMAIEEQVAVIYCGVR	AGAP005134-PA	M7(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	84	6.39E-08	1	2410.187	-0.93	Salivary gland	2L:+:10357828-10357890	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_90113	LTELLK	AGAP005134-PA	-	35	0.001228726	2	716.456	1.12	Ovary	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_90135	EAYPGDVFYLHSR	AGAP005134-PA	-	116	3.46E-11	1	1553.737	-0.73	Midgut	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_92176	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation)	162	9.89E-16	1	2088.042	-0.41	Midgut	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_92464	ELIIGDR	AGAP005134-PA	-	37	0.004122836	2	815.462	0.32	Ovary	2L:+:10356892-10356912	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_92800	LELAQYR	AGAP005134-PA	-	55	5.10E-05	1	892.489	-0.1	Malpighian tubule	2L:+:10357714-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_92957	TGAIVDVPVGDEILGR	AGAP005134-PA	-	125	2.61E-12	1	1610.874	-0.82	Salivary gland	2L:+:10356670-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_93354	TALAIDTIINQK	AGAP005134-PA	Q11(Deamidated),N10(Deamidated)	111	6.09E-11	1	1300.750	2.23	Head	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_93496	AVDSLVPIGR	AGAP005134-PA	-	79	6.06E-08	2	1026.594	-0.11	Head	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_93638	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	215	4.65E-21	1	2365.181	1.29	Midgut	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_93821	TALAIDTIINQKR	AGAP005134-PA	-	86	9.02E-09	1	1456.854	4.05	Head	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_93894	APGIIPR	AGAP005134-PA	-	47	1.13E-05	2	723.452	0.41	Visceras	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_94054	GMALNLEPDNVGVVVFGNDKLIK	AGAP005134-PA	M2(Oxidation)	56	2.07E-05	1	2458.305	1.62	Male reproductive organs	2L:+:10356580-10356648	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_94112	ILGAAPK	AGAP005134-PA	-	29	0.001482325	1	669.429	0.02	Malpighian tubule	2L:+:10356344-10356364	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_94147	HALIIYDDLSK	AGAP005134-PA	-	98	2.41E-09	1	1287.689	-4.35	Head	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_95388	ELIIGDR	AGAP005134-PA	-	39	0.002686557	2	815.462	-0.51	Visceras	2L:+:10356892-10356912	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_95419	ITKFER	AGAP005134-PA	-	30	0.010673896	1	793.457	-0.22	Midgut	2L:+:10357921-10357938	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_95716	ADLEETGR	AGAP005134-PA	-	66	3.98E-06	2	890.422	0.26	Visceras	2L:+:10356365-10356388	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_95842	HALIIYDDLSK	AGAP005134-PA	-	98	2.28E-09	1	1287.695	0.86	Visceras	2L:+:10357327-10357359	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_96755	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation)	156	3.61E-15	1	2104.043	2.47	Visceras	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_98285	VVDALGNAIDGK	AGAP005134-PA	-	91	8.78E-09	2	1171.634	1.84	Malpighian tubule	2L:+:10356718-10356753	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_98370	RSTVAQIVK	AGAP005134-PA	-	35	0.001574753	1	1001.609	-1.31	Salivary gland	2L:+:10357168-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_98415	TALAIDTIINQK	AGAP005134-PA	-	117	1.52E-11	1	1300.748	0.63	Ovary	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_98510	AVDSLVPIGR	AGAP005134-PA	-	58	8.08E-06	1	1026.597	2.81	Larva	2L:+:10356853-10356882	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_99401	GAEISAILEER	AGAP005134-PA	-	82	1.10E-07	2	1187.627	-0.06	Salivary gland	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_99474	VVDALGNAIDGKGEIK	AGAP005134-PA	N7(Deamidated)	125	2.50E-12	1	1598.880	2.99	Male reproductive organs	2L:+:10356718-10356765	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_99632	ILGAAPK	AGAP005134-PA	-	29	0.001686333	1	669.429	-0.53	Visceras	2L:+:10356344-10356364	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_100443	LTELLK	AGAP005134-PA	-	39	0.000224925	2	716.455	-0.67	Salivary gland	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_100826	VGIKAPGIIPR	AGAP005134-PA	-	63	1.65E-07	1	1120.720	-0.17	Malpighian tubule	2L:+:10356784-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_100938	QVAGSMKLELAQYR	AGAP005134-PA	M6(Oxidation)	87	3.07E-08	1	1609.835	-0.99	Midgut	2L:+:10357693-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_101339	GIRPAINVGLSVSR	AGAP005134-PA	-	85	6.37E-09	1	1438.847	-1.38	Midgut	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_101378	EFLAHVK	AGAP005134-PA	-	52	6.71E-05	1	843.474	1.87	Malpighian tubule	2L:+:10357939-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_101869	QGQYVPMAIEEQVAVIYCGVR	AGAP005134-PA	M7(Oxidation), C18(Carbamidomethyl)	67	3.22E-06	1	2426.174	-4.13	Male reproductive organs	2L:+:10357828-10357890	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_102120	VGIKAPGIIPR	AGAP005134-PA	-	43	1.44E-05	3	1120.723	2.86	Salivary gland	2L:+:10356784-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_102238	STVAQIVK	AGAP005134-PA	-	50	7.28E-05	2	845.513	4.49	Salivary gland	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_102362	GAEISAILEER	AGAP005134-PA	-	97	3.47E-09	2	1187.627	-0.06	Visceras	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_102791	APGIIPR	AGAP005134-PA	-	50	7.33E-06	2	723.451	-0.61	Male reproductive organs	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_102902	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	59	8.22E-06	1	1766.976	-0.03	Salivary gland	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_102976	TALAIDTIINQK	AGAP005134-PA	-	118	1.32E-11	1	1300.748	0.82	Visceras	2L:+:10357066-10357101	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_103382	RFNDGQDESK	AGAP005134-PA	-	50	8.83E-05	2	1195.538	3.47	Male reproductive organs	2L:+:10357102-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_103942	VLSIGDGIAR	AGAP005134-PA	-	79	1.41E-07	2	1000.578	-0.15	Head	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_103971	VLSIGDGIAR	AGAP005134-PA	-	82	8.28E-08	2	1000.579	0.09	Visceras	2L:+:10356389-10356418	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_104877	QVAGSMKLELAQYR	AGAP005134-PA	M6(Oxidation)	98	2.10E-09	1	1609.840	1.74	Head	2L:+:10357693-10357734	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_104899	RSTVAQIVK	AGAP005134-PA	-	45	0.000145465	2	1001.610	-0.34	Malpighian tubule	2L:+:10357168-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_105838	ISDDADAK	AGAP005134-PA	-	33	0.005808151	1	834.385	0.77	Ovary	2L:+:10358005-10358028	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_105909	SVVTSFMSTFSA	AGAP005134-PA	M7(Oxidation)	90	1.44E-08	2	1263.595	2.09	Malpighian tubule	2L:+:10358035-10358070	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_106107	GMALNLEPDNVGVVVFGNDK	AGAP005134-PA	M2(Oxidation)	161	1.13E-15	1	2104.041	1.2	Salivary gland	2L:+:10356580-10356639	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_106401	NIQADEMVEFSSGLK	AGAP005134-PA	N1(Deamidated), M7(Oxidation),M7(Oxidation)	119	2.20E-11	2	1667.801	3.59	Visceras	2L:+:10356434-10356478	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_106464	LTELLK	AGAP005134-PA	-	45	5.01E-05	2	716.454	-2.29	Pupa	2L:+:10357810-10357827	exon=> In CDS Exon 4 of transcript AGAP005134-PA

JHU_Ag_106557	ALLQQIASEGK	AGAP005134-PA	-	81	9.06E-08	1	1157.657	3.68	Larva	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_106768	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	73	3.13E-07	1	1766.973	-1.99	Pupa	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_106943	APGIIPR	AGAP005134-PA	-	46	5.05E-05	2	723.453	2.18	Salivary gland	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_108207	STVAQIVK	AGAP005134-PA	-	60	8.75E-06	1	845.508	-1	Visceras	2L:+:10357171-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_109088	FNDGQDESK	AGAP005134-PA	-	61	2.45E-06	1	1039.428	-4.65	Salivary gland	2L:+:10357105-10357131	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_109692	ALLQQIASEGK	AGAP005134-PA	-	101	1.05E-09	1	1157.654	1.47	Malpighian tubule	2L:+:10357972-10358004	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_109821	QMSLLLR	AGAP005134-PA	M2(Oxidation)	46	0.000262315	2	860.503	0.81	Malpighian tubule	2L:+:10357378-10357398	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_110198	KLYCIYVAIGQK	AGAP005134-PA	C4(Carbamidomethyl)	101	5.89E-10	1	1455.804	0.52	Visceras	2L:+:10357132-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_110473	ITKFER	AGAP005134-PA	-	33	0.005312794	1	793.457	0.01	Head	2L:+:10357921-10357938	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_111696	EFLAHVK	AGAP005134-PA	-	47	0.000186838	1	843.470	-3.13	Head	2L:+:10357939-10357959	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_112112	LYCIYVAIGQK	AGAP005134-PA	C3(Carbamidomethyl)	66	2.77E-06	2	1327.709	0.66	Ovary	2L:+:10357135-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_112373	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	116	1.56E-11	1	1766.977	0.53	Visceras	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_112757	TALAIDTIINQKR	AGAP005134-PA	-	92	2.20E-09	1	1456.854	3.63	Malpighian tubule	2L:+:10357066-10357104	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_112908	RSTVAQIVK	AGAP005134-PA	Q6(Deamidated)	49	5.51E-05	2	1001.609	-1.19	Head	2L:+:10357168-10357194	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_113442	APGIIPR	AGAP005134-PA	-	51	4.97E-06	2	723.451	-0.52	Pupa	2L:+:10356796-10356816	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_114757	GIRPAINVGLSVSR	AGAP005134-PA	-	95	4.09E-10	1	1438.848	-0.53	Head	2L:+:10357618-10357659	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_115193	GMALNLEPDNVGVVVFGNDKLIK	AGAP005134-PA	-	45	0.000222991	1	2442.307	0.17	Midgut	2L:+:10356580-10356648	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_115908	EAYPGDVFYLHSR	AGAP005134-PA	-	115	3.98E-11	1	1553.740	1.08	Malpighian tubule	2L:+:10357414-10357452	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_116122	GAEISAILEER	AGAP005134-PA	-	92	1.05E-08	2	1187.627	0.04	Male reproductive organs	2L:+:10356311-10356343	exon=> In CDS Exon 2 of transcript AGAP005134-PA
JHU_Ag_116550	LYCIYVAIGQK	AGAP005134-PA	C3(Carbamidomethyl)	94	4.93E-09	1	1327.708	0.02	Male reproductive organs	2L:+:10357135-10357167	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_117272	EVAAFAQFGSDLDAATQQLLNR	AGAP005134-PA	-	186	3.80E-18	1	2365.184	2.22	Salivary gland	2L:+:10357735-10357800	exon=> In CDS Exon 4 of transcript AGAP005134-PA
JHU_Ag_117701	RTGAIVDVPVGDEILGR	AGAP005134-PA	-	86	1.46E-08	1	1766.977	0.29	Malpighian tubule	2L:+:10356667-10356717	exon=> In CDS Exon 3 of transcript AGAP005134-PA
JHU_Ag_77441	VYGLK	AGAP005134-PA,AGAP003226-PA	-	26	0.005407974	1	579.350	0.01	Head	2L:+:10356419-10356433;2R:-:34044312-34044298	exon=> In CDS Exon 2 of transcript AGAP005134-PA;exon=> In CDS Exon 5 of transcript AGAP003226-PA
JHU_Ag_879	NDLSICGTLHSVDQYLNIK	AGAP005136-PA	C6(Carbamidomethyl)	39	0.002170986	1	2190.096	4.36	Malpighian tubule	2L:+:10370433-10370443,10370571-10370616	exon=> In CDS Exon 2 and 3 of transcript AGAP005136-PA
JHU_Ag_6618	LTDISVTDPEK	AGAP005136-PA	-	92	1.21E-08	1	1217.627	0.5	Ovary	2L:+:10370617-10370649	exon=> In CDS Exon 3 of transcript AGAP005136-PA
JHU_Ag_12249	YVQLPGDEVDTQLLQDAARK	AGAP005136-PA	-	41	0.000987013	1	2259.171	4.22	Malpighian tubule	2L:+:10370704-10370763	exon=> In CDS Exon 3 of transcript AGAP005136-PA

JHU_Ag_17190	YVQLPGDEVDTQLLQDAAR	AGAP005136-PA	-	123	8.45E-12	1	2131.062	-2.17	Midgut	2L:+:10370704-10370760	exon=> In CDS Exon 3 of transcript AGAP005136-PA
JHU_Ag_33406	DVVVELK	AGAP005136-PA	-	42	0.000395 53	1	801.471	-1.17	Ovary	2L:+:10370412-10370432	exon=> In CDS Exon 2 of transcript AGAP005136-PA
JHU_Ag_37513	YVQLPGDEVDTQLLQDAAR	AGAP005136-PA	-	133	7.86E-13	1	2131.070	1.73	Visceras	2L:+:10370704-10370760	exon=> In CDS Exon 3 of transcript AGAP005136-PA
JHU_Ag_52490	MLFYSFFK	AGAP005136-PA	M1(Oxidation)	42	0.000683 655	2	1098.535	1.65	Ovary	2L:+:10370309-10370311,10370376-10370396	exon=> In CDS Exon 1 and 2 of transcript AGAP005136-PA
JHU_Ag_54094	YVQLPGDEVDTQLLQDAAR	AGAP005136-PA	-	99	2.23E-09	1	2131.072	2.64	Malpighian tubule	2L:+:10370704-10370760	exon=> In CDS Exon 3 of transcript AGAP005136-PA
JHU_Ag_57396	NDLSICGTLHSVDQYLNIK	AGAP005136-PA	C6(Carbamidomethyl)	144	6.56E-14	1	2190.084	-0.74	Ovary	2L:+:10370433-10370443,10370571-10370616	exon=> In CDS Exon 2 and 3 of transcript AGAP005136-PA
JHU_Ag_60521	YVQLPGDEVDTQLLQDAAR	AGAP005136-PA	-	133	8.94E-13	1	2131.071	1.84	Head	2L:+:10370704-10370760	exon=> In CDS Exon 3 of transcript AGAP005136-PA
JHU_Ag_69202	YVQLPGDEVDTQLLQDAAR	AGAP005136-PA	-	156	4.41E-15	1	2131.067	0.35	Ovary	2L:+:10370704-10370760	exon=> In CDS Exon 3 of transcript AGAP005136-PA
JHU_Ag_114076	LTDISVTDPEKYPHMLSVK	AGAP005136-PA	M15(Oxidation)	99	1.66E-09	1	2189.117	0.67	Ovary	2L:+:10370617-10370673	exon=> In CDS Exon 3 of transcript AGAP005136-PA
JHU_Ag_19190	VREALAK	AGAP005137-PA	-	35	0.004674 775	2	786.479	-5.12	Head	2L:-:10382424-10382404	exon=> In CDS Exon 3 of transcript AGAP005137-PA
JHU_Ag_76041	SLIKDSAEMVR	AGAP005141-PA	-	30	0.011173 413	1	1248.673	8.66	Midgut	2L:+:10468637-10468669	exon=> In CDS Exon 2 of transcript AGAP005141-PA
JHU_Ag_13673	GQILDFASTR	AGAP005144-PA	-	48	0.000209 035	1	1107.577	-1.73	Ovary	2L:+:10488602-10488631	exon=> In CDS Exon 2 of transcript AGAP005144-PA
JHU_Ag_28590	TSTILACAR	AGAP005144-PA	C7(Carbamidomethyl)	38	0.002209 692	2	992.517	-2.08	Ovary	2L:+:10488494-10488520	exon=> In CDS Exon 2 of transcript AGAP005144-PA
JHU_Ag_32242	GLALEDILTEIHLVVNR	AGAP005144-PA	-	101	1.82E-10	1	1905.081	0.13	Ovary	2L:+:10489295-10489345	exon=> In CDS Exon 4 of transcript AGAP005144-PA
JHU_Ag_75527	LNDLISHEEIIGTINK	AGAP005144-PA	-	58	1.28E-05	1	1808.976	0.36	Ovary	2L:+:10488261-10488300,10488426-10488433	exon=> In CDS Exon 1 and 2 of transcript AGAP005144-PA
JHU_Ag_75708	FCIICNYLSK	AGAP005144-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	60	1.52E-05	1	1317.634	0.71	Ovary	2L:+:10488746-10488775	exon=> In CDS Exon 2 of transcript AGAP005144-PA
JHU_Ag_79565	VSSQLLINLASIEER	AGAP005144-PA	-	60	6.38E-06	2	1671.927	-0.51	Ovary	2L:+:10489364-10489408	exon=> In CDS Exon 4 of transcript AGAP005144-PA
JHU_Ag_82406	EEQLPHLLFYGPPGTGK	AGAP005144-PA	-	38	0.001625 842	1	1882.971	0.37	Ovary	2L:+:10488443-10488493	exon=> In CDS Exon 2 of transcript AGAP005144-PA
JHU_Ag_87570	ATVAAPPTTPAK	AGAP005147-PA	-	37	0.000827 53	1	1124.644	11.26	Visceras	2L:-:10572035-10572000	exon=> In CDS Exon 1 of transcript AGAP005147-PA
JHU_Ag_68906	VSVVTYAPFGTNR	AGAP005148-PA,AGAP005148-PB	-	45	0.000344 713	2	1410.738	0.05	Midgut	2L:+:10577398-10577436;2L:+:10577398-10577436	exon=> In CDS Exon 2 of transcript AGAP005148-PA;exon=> In CDS Exon 2 of transcript AGAP005148-PB
JHU_Ag_102633	DAPVQEDGKEDLPWYK	AGAP005148-PA,AGAP005148-PB	-	51	0.000140 415	1	1889.892	0.18	Midgut	2L:+:10577139-10577186;2L:+:10577139-10577186	exon=> In CDS Exon 1 of transcript AGAP005148-PA;exon=> In CDS Exon 1 of transcript AGAP005148-PB
JHU_Ag_63477	VSVVTYAPFGTNR	AGAP005148-PB,AGAP005148-PA	-	36	0.002608 903	1	1410.740	1.79	Visceras	2L:+:10577398-10577436;2L:+:10577398-10577436	exon=> In CDS Exon 2 of transcript AGAP005148-PB;exon=> In CDS Exon 2 of transcript AGAP005148-PA
JHU_Ag_3997	NNAEGKPTQSAHPAR	AGAP005149-PA	-	79	1.92E-07	1	1577.782	2.58	Ovary	2L:-:10577856-10577812	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_4139	KNNAEGKPTQSAHPAR	AGAP005149-PA	-	59	1.76E-05	1	1705.878	3.03	Ovary	2L:-:10577859-10577812	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_9419	NNAEGKPTQSAHPAR	AGAP005149-PA	-	44	0.000603 282	2	1577.778	-0.05	Malpighian tubule	2L:-:10577856-10577812	exon=> In CDS Exon 2 of transcript AGAP005149-PA

JHU_Ag_25232	RFGLLLTQKPEPVY	AGAP005149-PA	-	71	2.39E-07	1	1660.946	2.07	Ovary	2L:-:10577763-10577722	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_31383	NNAEGKPTQSAHPAR	AGAP005149-PA	-	43	0.000820216	1	1577.775	-1.8	Head	2L:-:10577856-10577812	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_40798	MYLMYDLNENGERVYTLK	AGAP005149-PA	M1(Oxidation), M4(Oxidation)	35	0.004156447	1	2284.063	0.33	Malpighian tubule	2L:-:10577972-10577919	exon=> In CDS Exon 1 of transcript AGAP005149-PA
JHU_Ag_48488	FGLLLTQKPEPVY	AGAP005149-PA	-	73	3.20E-07	1	1504.845	2.31	Visceras	2L:-:10577760-10577722	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_56184	NNAEGKPTQSAHPAR	AGAP005149-PA	-	58	2.41E-05	2	1577.777	-0.67	Midgut	2L:-:10577856-10577812	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_56559	FGLLLTQKPEPVY	AGAP005149-PA	-	73	3.34E-07	1	1504.841	-0.12	Salivary gland	2L:-:10577760-10577722	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_66442	RFGLLLTQKPEPVY	AGAP005149-PA	-	51	2.62E-05	1	1660.947	2.8	Malpighian tubule	2L:-:10577763-10577722	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_74520	MYLMYDLNENGER	AGAP005149-PA	M1(Oxidation)	45	0.000148306	2	1663.712	1.55	Malpighian tubule	2L:-:10577972-10577934	exon=> In CDS Exon 1 of transcript AGAP005149-PA
JHU_Ag_84265	MYLMYDLNENGER	AGAP005149-PA	M1(Oxidation),"M1(Oxidation), M4(Oxidation)"	59	4.65E-06	2	1679.702	-0.96	Midgut	2L:-:10577972-10577934	exon=> In CDS Exon 1 of transcript AGAP005149-PA
JHU_Ag_107354	FGLLLTQKPEPVY	AGAP005149-PA	-	39	0.000786171	2	1504.845	2.64	Head	2L:-:10577760-10577722	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_114425	FGLLLTQKPEPVY	AGAP005149-PA	-	77	1.32E-07	1	1504.842	0.93	Ovary	2L:-:10577760-10577722	exon=> In CDS Exon 2 of transcript AGAP005149-PA
JHU_Ag_114515	MYLMYDLNENGER	AGAP005149-PA	M1(Oxidation), M4(Oxidation), N10(Deamidated),"M1(Oxidation), M4(Oxidation)"	83	1.74E-08	1	1679.707	2.02	Ovary	2L:-:10577972-10577934	exon=> In CDS Exon 1 of transcript AGAP005149-PA
JHU_Ag_13206	RQEGIEEELQTHNK	AGAP005152-PA	-	69	2.13E-06	1	1710.839	-0.76	Ovary	2L:+:10590280-10590321	exon=> In CDS Exon 1 of transcript AGAP005152-PA
JHU_Ag_24536	SSSGGLGAVLNQLSK	AGAP005152-PA	-	62	6.75E-06	2	1417.765	0.58	Ovary	2L:+:10590181-10590225	exon=> In CDS Exon 1 of transcript AGAP005152-PA
JHU_Ag_42455	INSLVIK	AGAP005155-PA	N2(Deamidated)	39	0.00051214	1	787.492	-0.45	Midgut	2L:+:10641775-10641795	exon=> In CDS Exon 2 of transcript AGAP005155-PA
JHU_Ag_20433	EYLTTVLDVIR	AGAP005158-PA	-	66	1.41E-06	2	1321.739	2.32	Male reproductive organs	2L:-:10769558-10769715,10769138-10769457	exon=> In CDS Exon 4 and 3 of transcript AGAP005158-PA
JHU_Ag_22572	EYLTTVLDVIR	AGAP005158-PA	-	75	1.80E-07	2	1321.736	-0.36	Ovary	2L:-:10769558-10769715,10769138-10769457	exon=> In CDS Exon 4 and 3 of transcript AGAP005158-PA
JHU_Ag_45960	SSENQRGIVVK	AGAP005158-PA	Q5(Deamidated),N4(Deamidated)	35	0.004854226	1	1217.653	3.7	Head	2L:-:10769453-10769421	exon=> In CDS Exon 4 of transcript AGAP005158-PA
JHU_Ag_48602	EYLTTVLDVIR	AGAP005158-PA	-	81	5.18E-08	2	1321.738	1.21	Midgut	2L:-:10769558-10769715,10769138-10769457	exon=> In CDS Exon 4 and 3 of transcript AGAP005158-PA
JHU_Ag_3653	EVFETATR	AGAP005160-PC,AGAP005160-PA	-	42	0.000795647	2	952.473	-0.5	Head	2L:-:10785450-10785427;2L:-:10785450-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_4364	MKQEPVKPQEGR	AGAP005160-PC,AGAP005160-PA	M1(Oxidation)	49	0.000166392	1	1442.741	-0.47	Male reproductive organs	2L:-:10785555-10785520;2L:-:10785555-10785520	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA

JHU_Ag_4508	LVIVGDGACGK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	45	0.000572535	2	1088.579	1.71	Salivary gland	2L:-:10797750-10797718;2L:-:10797750-10797718	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_5970	TCLLIVFSK	AGAP005160-PC,AGAP005160-PA	C2(Carbamidomethyl)	60	6.43E-06	1	1080.612	-0.56	Ovary	2L:-:10797717-10797691;2L:-:10797717-10797691	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_6451	HFCPNVPIILVGNKK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	49	5.45E-05	2	1735.972	2.47	Malpighian tubule	2L:-:10785765-10785721;2L:-:10785765-10785721	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_10358	HFCPNVPIILVGNKK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	83	2.21E-08	1	1735.971	1.76	Salivary gland	2L:-:10785765-10785721;2L:-:10785765-10785721	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_12993	HFCPNVPIILVGNKK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	71	3.78E-07	1	1735.966	-0.98	Midgut	2L:-:10785765-10785721;2L:-:10785765-10785721	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_15122	HFCPNVPIILVGNKK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	54	1.70E-05	2	1735.978	5.98	Ovary	2L:-:10785765-10785721;2L:-:10785765-10785721	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_19782	QVELALWDTAGQEDYDR	AGAP005160-PC,AGAP005160-PA	-	111	1.22E-10	1	2008.924	-0.32	Visceras	2L:-:10797618-10797771,10786361-10786463;2L:-:10797618-10797776,10786361-10786463	exon=> In CDS Exon 2 and 1 of transcript AGAP005160-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005160-PA
JHU_Ag_23882	HFCPNVPIILVGNK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	40	0.000895	2	1607.872	-0.3	Visceras	2L:-:10785765-10785724;2L:-:10785765-10785724	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_24295	KLVIVGDGACGK	AGAP005160-PC,AGAP005160-PA	C10(Carbamidomethyl)	64	5.75E-06	1	1216.671	-0.78	Malpighian tubule	2L:-:10797753-10797718;2L:-:10797753-10797718	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_25282	MKQEPVKPQEGR	AGAP005160-PC,AGAP005160-PA	M1(Oxidation)	58	2.07E-05	1	1426.747	-0.15	Malpighian tubule	2L:-:10785555-10785520;2L:-:10785555-10785520	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_28816	LVIVGDGACGK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	50	0.000208621	2	1088.574	-2.89	Midgut	2L:-:10797750-10797718;2L:-:10797750-10797718	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_31394	INAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	87	2.86E-08	1	1386.672	0.02	Head	2L:-:10785504-10785469;2L:-:10785504-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_33055	LVIVGDGACGK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	43	0.000705148	2	1088.577	-0.2	Male reproductive organs	2L:-:10797750-10797718;2L:-:10797750-10797718	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA

JHU_Ag_34426	EGVREVFETATR	AGAP005160-PC,AGAP005160-PA	-	48	0.000232127	1	1393.708	0.69	Male reproductive organs	2L:-:10785462-10785427;2L:-:10785462-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_39436	HFCPNVPIILVGNK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	64	2.38E-06	1	1607.882	6.01	Ovary	2L:-:10785765-10785724;2L:-:10785765-10785724	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_39861	EVFETATR	AGAP005160-PC,AGAP005160-PA	-	46	0.000284213	2	952.474	0.14	Malpighian tubule	2L:-:10785450-10785427;2L:-:10785450-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_43457	TCLLIVFSK	AGAP005160-PC,AGAP005160-PA	C2(Carbamidomethyl)	38	0.000949162	1	1080.613	0.3	Midgut	2L:-:10797717-10797691;2L:-:10797717-10797691	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_46985	LVIVGDGACGK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	57	3.64E-05	1	1088.580	2.49	Ovary	2L:-:10797750-10797718;2L:-:10797750-10797718	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_47677	DQFPEVYVPTVFENYVADIEVDGK	AGAP005160-PC,AGAP005160-PA	-	143	6.79E-14	1	2773.332	2.75	Ovary	2L:-:10797690-10797619;2L:-:10797690-10797619	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_55519	INAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	80	1.42E-07	2	1386.674	1.51	Salivary gland	2L:-:10785504-10785469;2L:-:10785504-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_55878	QVELALWDTAGQEDYDR	AGAP005160-PC,AGAP005160-PA	-	89	1.59E-08	2	2008.920	-2.14	Male reproductive organs	2L:-:10797618-10797771,10786361-10786463;2L:-:10797618-10797776,10786361-10786463	exon=> In CDS Exon 2 and 1 of transcript AGAP005160-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005160-PA
JHU_Ag_58550	EGVREVFETATR	AGAP005160-PC,AGAP005160-PA	-	70	1.40E-06	1	1393.711	2.62	Malpighian tubule	2L:-:10785462-10785427;2L:-:10785462-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_61635	HFCPNVPIILVGNKK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	71	3.86E-07	1	1735.969	0.81	Male reproductive organs	2L:-:10785765-10785721;2L:-:10785765-10785721	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_62125	TCLLIVFSK	AGAP005160-PC,AGAP005160-PA	C2(Carbamidomethyl)	51	4.82E-05	2	1080.614	1.47	Visceras	2L:-:10797717-10797691;2L:-:10797717-10797691	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_63583	INAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	89	2.04E-08	1	1386.678	4.07	Visceras	2L:-:10785504-10785469;2L:-:10785504-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_65284	HFCPNVPIILVGNK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	98	1.41E-09	1	1607.876	2.21	Head	2L:-:10785765-10785724;2L:-:10785765-10785724	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA

JHU_Ag_65373	TCLLIVFSK	AGAP005160-PC,AGAP005160-PA	C2(Carbamidomethyl)	34	0.002459086	1	1080.614	1.47	Salivary gland	2L:-:10797717-10797691;2L:-:10797717-10797691	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_67743	TCLLIVFSK	AGAP005160-PC,AGAP005160-PA	C2(Carbamidomethyl)	39	0.000826686	1	1080.612	-0.11	Male reproductive organs	2L:-:10797717-10797691;2L:-:10797717-10797691	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_70280	HFCPNVPIILVGNK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	64	2.87E-06	1	1607.877	2.89	Midgut	2L:-:10785765-10785724;2L:-:10785765-10785724	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_71724	QVELALWDTAGQEDYDR	AGAP005160-PC,AGAP005160-PA	-	109	1.95E-10	1	2008.927	1.14	Midgut	2L:-:10797618-10797771,10786361-10786463;2L:-:10797618-10797776,10786361-10786463	exon=> In CDS Exon 2 and 1 of transcript AGAP005160-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005160-PA
JHU_Ag_75914	MKQEPVKPQEGR	AGAP005160-PC,AGAP005160-PA	-	43	0.000536886	1	1426.747	-0.47	Midgut	2L:-:10785555-10785520;2L:-:10785555-10785520	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_78352	EVFETATR	AGAP005160-PC,AGAP005160-PA	-	39	0.001701064	2	952.473	-0.82	Salivary gland	2L:-:10785450-10785427;2L:-:10785450-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_83582	HFCPNVPIILVGNKK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	37	0.000814795	1	1735.972	2.4	Head	2L:-:10785765-10785721;2L:-:10785765-10785721	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_84294	KLVIVGDGACGK	AGAP005160-PC,AGAP005160-PA	C10(Carbamidomethyl)	43	0.000588288	1	1216.671	-0.68	Midgut	2L:-:10797753-10797718;2L:-:10797753-10797718	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_87340	EGVREVFETATR	AGAP005160-PC,AGAP005160-PA	-	45	0.000516836	2	1393.710	2.18	Salivary gland	2L:-:10785462-10785427;2L:-:10785462-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_88901	INAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	94	6.58E-09	2	1386.671	-1.13	Midgut	2L:-:10785504-10785469;2L:-:10785504-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_89165	MKQEPVKPQEGR	AGAP005160-PC,AGAP005160-PA	M1(Oxidation)	57	2.65E-05	1	1442.736	-4.28	Head	2L:-:10785555-10785520;2L:-:10785555-10785520	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_89886	AMAEKINAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	M2(Oxidation), C14(Carbamidomethyl)	107	3.80E-10	1	1932.924	2.46	Malpighian tubule	2L:-:10785519-10785469;2L:-:10785519-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_90353	LRPLSYPDTDVILMCFSVDSPDSLENIPEK	AGAP005160-PC,AGAP005160-PA	M14(Oxidation), C15(Carbamidomethyl)	65	4.28E-06	1	3466.679	0.93	Ovary	2L:-:10786462-10786373;2L:-:10786462-10786373	exon=> In CDS Exon 2 of transcript AGAP005160-PC;exon=> In CDS Exon 3 of transcript AGAP005160-PA

JHU_Ag_97733	EVFETATR	AGAP005160-PC,AGAP005160-PA	-	47	0.000255649	2	952.476	3.03	Male reproductive organs	2L:-:10785450-10785427;2L:-:10785450-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_98197	TCLLIVFSK	AGAP005160-PC,AGAP005160-PA	C2(Carbamidomethyl)	62	3.73E-06	2	1080.613	0.68	Malpighian tubule	2L:-:10797717-10797691;2L:-:10797717-10797691	exon=> In CDS Exon 1 of transcript AGAP005160-PC;exon=> In CDS Exon 2 of transcript AGAP005160-PA
JHU_Ag_100656	HFCPNVPIILVGNK	AGAP005160-PC,AGAP005160-PA	C3(Carbamidomethyl)	88	1.16E-08	1	1607.873	0.24	Malpighian tubule	2L:-:10785765-10785724;2L:-:10785765-10785724	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_102169	INAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	84	6.37E-08	1	1386.678	4.33	Malpighian tubule	2L:-:10785504-10785469;2L:-:10785504-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_104513	QVELALWDTAGQEDYDR	AGAP005160-PC,AGAP005160-PA	-	66	3.13E-06	2	2008.926	0.84	Malpighian tubule	2L:-:10797618-10797771,10786361-10786463;2L:-:10797618-10797776,10786361-10786463	exon=> In CDS Exon 2 and 1 of transcript AGAP005160-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005160-PA
JHU_Ag_106687	INAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	89	2.18E-08	1	1386.673	0.28	Male reproductive organs	2L:-:10785504-10785469;2L:-:10785504-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_109236	QVELALWDTAGQEDYDR	AGAP005160-PC,AGAP005160-PA	-	141	1.07E-13	1	2008.922	-1.35	Head	2L:-:10797618-10797771,10786361-10786463;2L:-:10797618-10797776,10786361-10786463	exon=> In CDS Exon 2 and 1 of transcript AGAP005160-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005160-PA
JHU_Ag_109251	LRPLSYPDTDVILMCFSVDSPDSLENIPEK	AGAP005160-PC,AGAP005160-PA	M14(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	37	0.002746956	3	3466.676	0.2	Head	2L:-:10786462-10786373;2L:-:10786462-10786373	exon=> In CDS Exon 2 of transcript AGAP005160-PC;exon=> In CDS Exon 3 of transcript AGAP005160-PA
JHU_Ag_109918	EVFETATR	AGAP005160-PC,AGAP005160-PA	-	46	0.000314517	2	952.473	-0.05	Ovary	2L:-:10785450-10785427;2L:-:10785450-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_110524	NDPHTIK	AGAP005160-PC,AGAP005160-PA	-	36	0.002449297	2	824.424	-3.02	Head	2L:-:10785711-10785691;2L:-:10785711-10785691	exon=> In CDS Exon 3 of transcript AGAP005160-PC;exon=> In CDS Exon 4 of transcript AGAP005160-PA
JHU_Ag_111343	EGVREVFETATR	AGAP005160-PC,AGAP005160-PA	-	63	7.88E-06	1	1393.707	-0.1	Midgut	2L:-:10785462-10785427;2L:-:10785462-10785427	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_112440	NDPHTIKELAK	AGAP005160-PC,AGAP005160-PA	-	50	0.000115455	1	1265.685	0.08	Malpighian tubule	2L:-:10785711-10785771,10785376-10785556;2L:-:10785711-10785771,10785376-10785556	exon=> In CDS Exon 4 and 3 of transcript AGAP005160-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP005160-PA

JHU_Ag_114336	INAFAYLECSAK	AGAP005160-PC,AGAP005160-PA	C9(Carbamidomethyl)	89	2.14E-08	1	1386.673	0.46	Ovary	2L:-:10785504-10785469;2L:-:10785504-10785469	exon=> In CDS Exon 4 of transcript AGAP005160-PC;exon=> In CDS Exon 5 of transcript AGAP005160-PA
JHU_Ag_7082	YQVPLETFHDNEDGNNLSLELLDAR	AGAP005162-PA,AGAP005162-PB	-	57	2.17E-05	1	2902.382	-1.18	Midgut	2L:-:10823048-10822974;2L:-:10823048-10822974	exon=> In CDS Exon 5 of transcript AGAP005162-PA;exon=> In CDS Exon 5 of transcript AGAP005162-PB
JHU_Ag_32955	LAQVFGDASTHYIK	AGAP005162-PA,AGAP005162-PB	-	59	1.97E-05	1	1549.801	-0.17	Midgut	2L:-:10821774-10821733;2L:-:10821774-10821733	exon=> In CDS Exon 8 of transcript AGAP005162-PA;exon=> In CDS Exon 8 of transcript AGAP005162-PB
JHU_Ag_42801	VPVDTFYDPEDGNELK	AGAP005162-PA,AGAP005162-PB	-	106	3.10E-10	1	1837.853	2.35	Ovary	2L:-:10822270-10822832,10822018-10822144;2L:-:10822270-10822832,10822018-10822144	exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PB
JHU_Ag_58283	VPVDTFYDPEDGNELK	AGAP005162-PA,AGAP005162-PB	-	108	2.12E-10	1	1837.852	1.68	Midgut	2L:-:10822270-10822832,10822018-10822144;2L:-:10822270-10822832,10822018-10822144	exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PB
JHU_Ag_70439	VPVDTFYDPEDGNELK	AGAP005162-PA,AGAP005162-PB	-	93	6.51E-09	1	1837.851	1.28	Malpighian tubule	2L:-:10822270-10822832,10822018-10822144;2L:-:10822270-10822832,10822018-10822144	exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PB
JHU_Ag_78874	SLNHEISLALR	AGAP005162-PA,AGAP005162-PB	-	42	0.000479717	1	1252.697	-2.79	Head	2L:-:10822717-10822685;2L:-:10822717-10822685	exon=> In CDS Exon 6 of transcript AGAP005162-PA;exon=> In CDS Exon 6 of transcript AGAP005162-PB
JHU_Ag_86585	NILLHQDSTIR	AGAP005162-PA,AGAP005162-PB	-	47	0.000157017	1	1309.722	-0.36	Ovary	2L:-:10821618-10821586;2L:-:10821618-10821586	exon=> In CDS Exon 8 of transcript AGAP005162-PA;exon=> In CDS Exon 8 of transcript AGAP005162-PB
JHU_Ag_93099	LAQVFGDASTHYIK	AGAP005162-PA,AGAP005162-PB	-	63	7.06E-06	1	1549.804	1.8	Salivary gland	2L:-:10821774-10821733;2L:-:10821774-10821733	exon=> In CDS Exon 8 of transcript AGAP005162-PA;exon=> In CDS Exon 8 of transcript AGAP005162-PB
JHU_Ag_98151	VPVDTFYDPEDGNELK	AGAP005162-PA,AGAP005162-PB	-	61	1.04E-05	2	1837.853	2.21	Salivary gland	2L:-:10822270-10822832,10822018-10822144;2L:-:10822270-10822832,10822018-10822144	exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP005162-PB
JHU_Ag_98318	YQVPLETFHDNEDGNNLSLELLDAR	AGAP005162-PA,AGAP005162-PB	-	34	0.004926505	1	2902.396	3.62	Larva	2L:-:10823048-10822974;2L:-:10823048-10822974	exon=> In CDS Exon 5 of transcript AGAP005162-PA;exon=> In CDS Exon 5 of transcript AGAP005162-PB
JHU_Ag_101246	LAQVFGDASTHYIK	AGAP005162-PA,AGAP005162-PB	-	63	7.77E-06	1	1549.799	-1.12	Ovary	2L:-:10821774-10821733;2L:-:10821774-10821733	exon=> In CDS Exon 8 of transcript AGAP005162-PA;exon=> In CDS Exon 8 of transcript AGAP005162-PB

JHU_Ag_111960	GIPVIFQDELDEKPEIGNK	AGAP005162-PA,AGAP005162-PB	-	46	0.000264123	1	2141.116	1.56	Ovary	2L:-:10821143-10821087;2L:-:10821143-10821087	exon=> In CDS Exon 9 of transcript AGAP005162-PA;exon=> In CDS Exon 9 of transcript AGAP005162-PB
JHU_Ag_39674	SGALYLSFWPR	AGAP005163-PA	-	36	0.003186187	2	1296.674	0.7	Midgut	2L:+:10909483-10909515	exon=> In CDS Exon 5 of transcript AGAP005163-PA
JHU_Ag_78044	SLLSGFTEVEANTAKMIPTGK	AGAP005168-PA	N12(Deamidated), M16(Oxidation)	35	0.004182936	1	2211.119	-0.94	Larva	2L:+:11196079-11196141	exon=> In CDS Exon 1 of transcript AGAP005168-PA
JHU_Ag_1447	AGYNRPAYVAFGLSSDAK	AGAP005170-PA	-	79	2.14E-07	2	1886.940	0.33	Salivary gland	2L:-:11286748-11287489,11286523-11286628	exon=> In CDS Exon 2 and 1 of transcript AGAP005170-PA
JHU_Ag_2522	AVVTIAVLGAR	AGAP005170-PA	-	98	4.26E-10	2	1069.673	-0.2	Salivary gland	2L:-:11286799-11286767	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_3092	TPFLITPQTSVVGSGQMLK	AGAP005170-PA	M17(Oxidation)	106	1.60E-10	1	2020.088	4.76	Larva	2L:-:11287351-11287295	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_6914	LGVPQNIFQVLEK	AGAP005170-PA	-	66	1.42E-06	2	1484.850	1.73	Visceras	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA
JHU_Ag_7728	TPFLITPQTSVVGSGQMLK	AGAP005170-PA	M17(Oxidation)	58	1.19E-05	2	2020.081	1.2	Visceras	2L:-:11287351-11287295	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_14382	LIDCQAGGDTATHTNTSPK	AGAP005170-PA	C4(Carbamidomethyl)	57	2.83E-05	1	1986.922	1.56	Ovary	2L:-:11287171-11287115	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_19251	IDIESFPANIVFK	AGAP005170-PA	-	48	0.000169432	2	1492.807	1.84	Visceras	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_19525	LIDCQAGGDTATHTNTSPK	AGAP005170-PA	C4(Carbamidomethyl)	75	4.38E-07	1	1986.921	1.01	Pupa	2L:-:11287171-11287115	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_21103	HVSGSPQSLAEVGPVQGSSK	AGAP005170-PA	-	109	1.54E-10	1	1950.988	0.22	Head	2L:-:11286182-11286123	exon=> In CDS Exon 4 of transcript AGAP005170-PA
JHU_Ag_27166	IDIESFPANIVFK	AGAP005170-PA	-	51	8.11E-05	1	1492.807	1.84	Larva	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_29373	FVDSDASAIK	AGAP005170-PA	-	39	0.001514193	1	1052.525	-1.27	Salivary gland	2L:-:11287201-11287172	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_34652	LGVPQNIFQVLEK	AGAP005170-PA	-	62	3.95E-06	1	1484.849	1.15	Ovary	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA
JHU_Ag_43892	IDIESFPANIVFK	AGAP005170-PA	-	56	2.62E-05	2	1492.808	2.08	Ovary	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_52200	LGVPQNIFQVLEK	AGAP005170-PA	-	84	2.34E-08	1	1484.851	2.22	Salivary gland	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA
JHU_Ag_52408	GCFGFPEGCVDSK	AGAP005170-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	53	1.64E-05	1	1459.599	0.29	Salivary gland	2L:-:11286847-11286809	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_53669	IDIESFPANIVFK	AGAP005170-PA	-	35	0.003206239	1	1492.807	1.51	Head	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_56458	LIDCQAGGDTATHTNTSPK	AGAP005170-PA	C4(Carbamidomethyl)	69	1.75E-06	1	1986.924	2.57	Head	2L:-:11287171-11287115	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_56550	TPFLITPQTSVVGSGQMLK	AGAP005170-PA	M17(Oxidation)	129	1.16E-12	1	2020.073	-2.49	Head	2L:-:11287351-11287295	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_57426	FWVGIPSER	AGAP005170-PA	-	41	0.001392389	1	1090.572	3.45	Salivary gland	2L:-:11287027-11287001	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_59729	VTSFPMADMTPSR	AGAP005170-PA	M6(Oxidation), M9(Oxidation)	77	1.79E-07	1	1471.655	-0.31	Salivary gland	2L:-:11285152-11285114	exon=> In CDS Exon 6 of transcript AGAP005170-PA
JHU_Ag_63690	LGVPQNIFQVLEK	AGAP005170-PA	-	46	0.000164076	2	1484.850	1.98	Head	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA

JHU_Ag_64988	AVVTIAVLGAR	AGAP005170-PA	-	54	9.58E-06	2	1069.676	3.22	Larva	2L:-:11286799-11286767	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_69056	SYNDGVIYCK	AGAP005170-PA	C9(Carbamidomethyl)	54	2.79E-05	2	1218.546	-0.02	Salivary gland	2L:-:11286418-11286389	exon=> In CDS Exon 3 of transcript AGAP005170-PA
JHU_Ag_76294	FVDSDASAIK	AGAP005170-PA	-	55	4.04E-05	2	1052.525	-1.15	Pupa	2L:-:11287201-11287172	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_79453	LGVPQNIFQVLEK	AGAP005170-PA	-	60	6.36E-06	2	1484.851	2.63	Pupa	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA
JHU_Ag_80000	LGVPQNIFQVLEK	AGAP005170-PA	-	70	5.05E-07	1	1484.853	4.03	Larva	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA
JHU_Ag_80203	TPFLITPQTSVVGSGQMLK	AGAP005170-PA	M17(Oxidation)	111	4.95E-11	1	2004.084	0.25	Salivary gland	2L:-:11287351-11287295	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_80332	LIDCQAGGDTATHTNTSPK	AGAP005170-PA	C4(Carbamidomethyl)	57	2.68E-05	1	1986.922	1.93	Salivary gland	2L:-:11287171-11287115	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_80733	HVSGSPQSLAEVGPVQGSSK	AGAP005170-PA	-	38	0.002195 89	1	1950.990	0.93	Salivary gland	2L:-:11286182-11286123	exon=> In CDS Exon 4 of transcript AGAP005170-PA
JHU_Ag_83781	LGVPQNIFQVLEK	AGAP005170-PA	-	78	8.34E-08	1	1484.853	3.62	Malpighian tubule	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA
JHU_Ag_85617	IDIESFPANIVFK	AGAP005170-PA	-	43	0.000554 726	1	1492.806	0.94	Midgut	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_88626	FVDSDASAIK	AGAP005170-PA	-	41	0.001013 636	2	1052.531	4.64	Larva	2L:-:11287201-11287172	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_88680	HVSGSPQSLAEVGPVQGSSK	AGAP005170-PA	-	100	1.21E-09	1	1950.990	1.15	Larva	2L:-:11286182-11286123	exon=> In CDS Exon 4 of transcript AGAP005170-PA
JHU_Ag_97959	AGYNRPAYVAFGLSSDAK	AGAP005170-PA	-	101	1.19E-09	1	1886.949	5.12	Larva	2L:-:11286748-11287489,11286523-11286628	exon=> In CDS Exon 2 and 1 of transcript AGAP005170-PA
JHU_Ag_102995	TPFLITPQTSVVGSGQMLK	AGAP005170-PA	M17(Oxidation)	41	0.000798 23	2	2020.069	-4.66	Midgut	2L:-:11287351-11287295	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_107087	LIDCQAGGDTATHTNTSPK	AGAP005170-PA	C4(Carbamidomethyl)	138	2.36E-13	1	1986.922	1.6	Larva	2L:-:11287171-11287115	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_112316	TPFLITPQTSVVGSGQMLK	AGAP005170-PA	M17(Oxidation)	60	6.58E-06	2	2020.082	1.92	Pupa	2L:-:11287351-11287295	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_113924	IDIESFPANIVFK	AGAP005170-PA	-	55	3.36E-05	2	1492.808	2.33	Salivary gland	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_114636	IDIESFPANIVFK	AGAP005170-PA	-	81	8.29E-08	1	1492.811	4.21	Malpighian tubule	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_116658	LGVPQNIFQVLEK	AGAP005170-PA	-	49	6.38E-05	2	1484.850	1.65	Midgut	2L:-:11286531-11286671,11286292-11286419	exon=> In CDS Exon 3 and 2 of transcript AGAP005170-PA
JHU_Ag_117356	IDIESFPANIVFK	AGAP005170-PA	-	71	9.05E-07	2	1492.805	-0.05	Pupa	2L:-:11287294-11287256	exon=> In CDS Exon 1 of transcript AGAP005170-PA
JHU_Ag_91476	DLALYAR	AGAP005173-PA	-	42	0.000894 41	1	821.451	-0.61	Midgut	2L:-:11369508-11369488	exon=> In CDS Exon 4 of transcript AGAP005173-PA
JHU_Ag_11993	IPLSCLTWNPSMFR	AGAP005174-PA	C5(Carbamidomethyl), M12(Oxidation)	60	1.75E-05	1	1737.851	3.41	Midgut	2L:-:11377341-11377300	exon=> In CDS Exon 2 of transcript AGAP005174-PA
JHU_Ag_46548	DVIHDVAYDYYGQR	AGAP005174-PA	-	57	2.77E-05	2	1713.789	1.09	Ovary	2L:-:11377911-11377870	exon=> In CDS Exon 1 of transcript AGAP005174-PA
JHU_Ag_53973	LSWAHPEFGQVLATSSFDR	AGAP005174-PA	-	45	0.000474 447	1	2148.059	3.54	Ovary	2L:-:11377644-11377588	exon=> In CDS Exon 2 of transcript AGAP005174-PA
JHU_Ag_54742	DVQIFNLKPILDPTANSR	AGAP005174-PA	-	69	1.08E-06	1	2041.108	0.27	Midgut	2L:-:11377098-11377719,11376844-11376968	exon=> In CDS Exon 3 and 2 of transcript AGAP005174-PA

JHU_Ag_59734	DVIHDVAYDYYGQR	AGAP005174-PA	-	64	5.10E-06	1	1713.786	-0.27	Midgut	2L:-:11377911-11377870	exon=> In CDS Exon 1 of transcript AGAP005174-PA
JHU_Ag_62196	TVSVWEETVGEK	AGAP005174-PA	-	66	4.11E-06	2	1363.674	-0.31	Midgut	2L:-:11377587-11377552	exon=> In CDS Exon 2 of transcript AGAP005174-PA
JHU_Ag_78340	AENSESAPETSVTASLK	AGAP005174-PA	-	73	8.44E-07	2	1720.823	-0.2	Ovary	2L:-:11376735-11376685	exon=> In CDS Exon 4 of transcript AGAP005174-PA
JHU_Ag_80937	DVQIFNLKPILDPTANSR	AGAP005174-PA	-	104	3.33E-10	1	2041.106	-0.81	Ovary	2L:-:11377098-11377719,11376844-11376968	exon=> In CDS Exon 3 and 2 of transcript AGAP005174-PA
JHU_Ag_183	DFVLSTTEEFVK	AGAP005175-PA	-	47	0.000308835	2	1414.712	1.4	Head	2L:+:11395771-11395806	exon=> In CDS Exon 2 of transcript AGAP005175-PA
JHU_Ag_818	TYDLEALPTANQK	AGAP005175-PA	-	72	9.97E-07	2	1463.740	1.68	Head	2L:+:11400720-11400758	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_7520	EASFEYLQNEGER	AGAP005175-PA	-	60	8.82E-06	1	1571.697	-0.23	Male reproductive organs	2L:+:11400864-11400902	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_8750	LREIIEK	AGAP005175-PA	-	35	0.002362316	1	900.551	-0.23	Midgut	2L:+:11399006-11399026	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_10414	TFQQAGQVWFPDSSFK	AGAP005175-PA	-	96	4.16E-09	1	1872.894	1.13	Head	2L:+:11402589-11402636	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_10682	GQEVTDFR	AGAP005175-PA	-	39	0.001455915	2	951.454	1.12	Male reproductive organs	2L:+:11400795-11400818	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_12110	RPGAVLDAGTLIGHLELDDPSLVTK	AGAP005175-PA	-	54	1.82E-05	1	2587.401	-2.96	Visceras	2L:+:11398787-11398861	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_13245	HLEPACAFQLELNR	AGAP005175-PA	C6(Carbamidomethyl)	47	0.000330452	3	1697.843	-0.11	Head	2L:+:11400672-11400713	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_14696	LREIIEK	AGAP005175-PA	-	36	0.001933473	1	900.552	0.85	Ovary	2L:+:11399006-11399026	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_16052	EASFEYLQNEGER	AGAP005175-PA	-	57	1.79E-05	1	1571.693	-2.94	Midgut	2L:+:11400864-11400902	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_17683	NLVFLGPPER	AGAP005175-PA	-	47	0.000145334	1	1141.638	0.89	Male reproductive organs	2L:+:11397068-11397097	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_18420	GGILPIVSPSDPIER	AGAP005175-PA	-	73	2.82E-07	1	1549.865	4.28	Malpighian tubule	2L:+:11402280-11402324	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_19382	AGVLEPEGIVEVK	AGAP005175-PA	-	57	1.20E-05	2	1339.751	2.85	Head	2L:+:11402982-11403020	exon=> In CDS Exon 7 of transcript AGAP005175-PA
JHU_Ag_20555	IYISVNSGAR	AGAP005175-PA	-	57	1.97E-05	2	1079.588	3.6	Malpighian tubule	2L:+:11401701-11401730	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_21424	VIQIDNSHIILTGFAALNK	AGAP005175-PA	-	85	9.23E-09	2	2067.165	2.33	Head	2L:+:11402073-11402129	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_21572	GGILPIVSPSDPIER	AGAP005175-PA	-	60	6.53E-06	1	1549.857	-0.76	Midgut	2L:+:11402280-11402324	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_26455	GGILPIVSPSDPIER	AGAP005175-PA	-	58	1.03E-05	2	1549.861	1.84	Head	2L:+:11402280-11402324	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_26839	IIEEAPAVIADPAVFEEMER	AGAP005175-PA	M18(Oxidation)	45	0.000462514	1	2245.108	0.95	Male reproductive organs	2L:+:11397536-11397595	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_28434	NQLAAAGENKELVAELENK	AGAP005175-PA	-	55	3.99E-05	1	2041.061	2.24	Male reproductive organs	2L:+:11403167-11403223	exon=> In CDS Exon 8 of transcript AGAP005175-PA
JHU_Ag_30064	VQSDKPDIILGVVCGALHIADRK	AGAP005175-PA	C14(Carbamidomethyl)	44	0.000173524	1	2504.368	0.83	Ovary	2L:+:11398238-11398306	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_32574	TFQQAGQVWFPDSSFK	AGAP005175-PA	-	47	0.000309739	1	1872.906	7.85	Malpighian tubule	2L:+:11402589-11402636	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_33021	RVDSPDEFPALFR	AGAP005175-PA	-	57	3.93E-05	1	1548.786	3.68	Malpighian tubule	2L:+:11397344-11397382	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_34110	LGGIPVGVIAVETR	AGAP005175-PA	-	33	0.000668623	2	1380.823	1.3	Male reproductive organs	2L:+:11402493-11402534	exon=> In CDS Exon 6 of transcript AGAP005175-PA

JHU_Ag_34174	AGVLEPEGIVEVK	AGAP005175-PA	-	48	7.73E-05	2	1339.750	2.12	Salivary gland	2L:+:11402982-11403020	exon=> In CDS Exon 7 of transcript AGAP005175-PA
JHU_Ag_34485	TNALLQNYHPVAVHFADLHDTPER	AGAP005175-PA	-	69	1.89E-06	1	2758.382	4.64	Head	2L:+:11403236-11403307	exon=> In CDS Exon 8 of transcript AGAP005175-PA
JHU_Ag_36824	AGVLEPEGIVEVK	AGAP005175-PA	-	37	0.001023736	2	1339.747	0.3	Pupa	2L:+:11402982-11403020	exon=> In CDS Exon 7 of transcript AGAP005175-PA
JHU_Ag_37407	YAGMIAGETSR	AGAP005175-PA	M4(Oxidation)	61	6.17E-06	2	1171.545	3.27	Larva	2L:+:11401956-11401988	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_41647	YNPANPSDWETGFFDR	AGAP005175-PA	-	40	0.000547207	2	1915.825	0.31	Head	2L:+:11402385-11402432	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_44590	AGVLEPEGIVEVK	AGAP005175-PA	-	54	2.25E-05	2	1339.747	0.3	Male reproductive organs	2L:+:11402982-11403020	exon=> In CDS Exon 7 of transcript AGAP005175-PA
JHU_Ag_47179	LREIIEK	AGAP005175-PA	-	36	0.002339258	1	900.551	-0.64	Pupa	2L:+:11399006-11399026	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_47282	GCVTTSDQGLVAAGK	AGAP005175-PA	C2(Carbamidomethyl)	69	2.14E-06	2	1463.717	0.78	Male reproductive organs	2L:+:11397242-11397286	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_51087	LGGIPVGVIAVETR	AGAP005175-PA	-	42	7.37E-05	2	1380.824	2.09	Head	2L:+:11402493-11402534	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_56485	IIEEAPAVIADPAVFEEMER	AGAP005175-PA	M18(Oxidation)	90	1.63E-08	1	2245.110	1.93	Head	2L:+:11397536-11397595	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_62568	NITSVLAQFPSQMIASVIDSHAATLQK	AGAP005175-PA	M13(Oxidation)	51	6.00E-05	1	2886.511	2.81	Larva	2L:+:11399156-11399236	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_63485	HLEPACAFQLELNR	AGAP005175-PA	C6(Carbamidomethyl)	77	2.82E-07	2	1697.847	2.63	Malpighian tubule	2L:+:11400672-11400713	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_64037	LREIIEK	AGAP005175-PA	-	41	0.000598857	1	900.551	-0.37	Head	2L:+:11399006-11399026	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_66071	FVVMVTPEDLKANAEYIK	AGAP005175-PA	M4(Oxidation)	41	0.000970501	1	2083.088	4.83	Malpighian tubule	2L:+:11396849-11396902	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_67418	LREIIEK	AGAP005175-PA	-	36	0.001942329	1	900.551	-0.37	Visceras	2L:+:11399006-11399026	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_69112	IVLATPEFANGR	AGAP005175-PA	N10(Deamidated)	53	7.97E-05	2	1288.687	-1.91	Male reproductive organs	2L:+:11401551-11401586	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_70359	ITSENPDEGFKPSSGTVQELNFR	AGAP005175-PA	-	141	1.18E-13	1	2552.232	2.04	Head	2L:+:11397905-11397973	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_70674	AVESEAAAPRPSDAIHILSIAVR	AGAP005175-PA	-	85	1.94E-08	1	2373.286	-1.26	Head	2L:+:11400276-11400300,11400375-11400418	exon=> In CDS Exon 4 and 5 of transcript AGAP005175-PA
JHU_Ag_75807	DPSLPLLELQEVIASISGR	AGAP005175-PA	-	120	4.68E-12	1	2037.129	3.28	Visceras	2L:+:11399045-11399101	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_75919	VDSPDEFPALFR	AGAP005175-PA	-	68	2.92E-06	2	1392.677	-1.92	Visceras	2L:+:11397347-11397382	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_80265	AGVLEPEGIVEVK	AGAP005175-PA	-	58	7.93E-06	2	1339.748	0.57	Visceras	2L:+:11402982-11403020	exon=> In CDS Exon 7 of transcript AGAP005175-PA
JHU_Ag_82061	YNSEGNDPDAIPDSFMR	AGAP005175-PA	M16(Oxidation)	36	0.001070209	2	1943.812	2.19	Malpighian tubule	2L:+:11399948-11399952,11400038-11400083	exon=> In CDS Exon 3 and 4 of transcript AGAP005175-PA
JHU_Ag_82599	LREIIEK	AGAP005175-PA	-	35	0.001921143	1	900.555	3.9	Malpighian tubule	2L:+:11399006-11399026	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_84558	RPGAVLDAGTLIGHLELDDPSLVTK	AGAP005175-PA	-	97	6.37E-10	1	2587.430	8.01	Malpighian tubule	2L:+:11398787-11398861	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_86373	ITSENPDEGFKPSSGTVQELNFR	AGAP005175-PA	-	149	1.91E-14	1	2552.242	5.92	Malpighian tubule	2L:+:11397905-11397973	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_90744	YNPANPSDWETGFFDR	AGAP005175-PA	-	80	6.30E-08	2	1915.825	0	Visceras	2L:+:11402385-11402432	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_96327	YLYLTTDDYSK	AGAP005175-PA	-	39	0.001935811	1	1381.652	-0.04	Male reproductive organs	2L:+:11401809-11401841	exon=> In CDS Exon 6 of transcript AGAP005175-PA

JHU_Ag_98921	NLVFLGPPER	AGAP005175-PA	-	43	0.000388928	2	1141.641	3.78	Malpighian tubule	2L:+:11397068-11397097	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_104119	ITSENPDEGFKPSSGTVQELNFR	AGAP005175-PA	-	59	1.92E-05	1	2552.229	0.97	Male reproductive organs	2L:+:11397905-11397973	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_105124	YAGMIAGETSR	AGAP005175-PA	M4(Oxidation)	32	0.004416327	1	1171.543	1.09	Malpighian tubule	2L:+:11401956-11401988	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_105772	GGILPIVSPSDPIER	AGAP005175-PA	-	49	8.85E-05	1	1549.860	0.82	Male reproductive organs	2L:+:11402280-11402324	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_107164	EASFEYLQNEGER	AGAP005175-PA	-	91	6.88E-09	2	1571.697	-0.38	Head	2L:+:11400864-11400902	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_107600	FGAYIVDGLR	AGAP005175-PA	-	57	1.93E-05	2	1110.594	-0.32	Male reproductive organs	2L:+:11402826-11402855	exon=> In CDS Exon 7 of transcript AGAP005175-PA
JHU_Ag_107905	GTFAEIMEPWAQTVVTGR	AGAP005175-PA	M7(Oxidation)	55	5.18E-05	2	2008.983	1.7	Midgut	2L:+:11402433-11402486	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_109643	YMETYADPESR	AGAP005175-PA	M2(Oxidation)	46	7.49E-05	2	1377.566	2.32	Malpighian tubule	2L:+:11402949-11402981	exon=> In CDS Exon 7 of transcript AGAP005175-PA
JHU_Ag_110779	GCVTTSDQGLVAAGK	AGAP005175-PA	C2(Carbamidomethyl)	70	1.52E-06	2	1463.720	2.95	Malpighian tubule	2L:+:11397242-11397286	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_113206	LREIIEK	AGAP005175-PA	-	40	0.000824286	2	900.549	-2.13	Male reproductive organs	2L:+:11399006-11399026	exon=> In CDS Exon 3 of transcript AGAP005175-PA
JHU_Ag_115695	YNPANPSDWETGFFDR	AGAP005175-PA	-	50	5.63E-05	2	1915.824	-0.32	Male reproductive organs	2L:+:11402385-11402432	exon=> In CDS Exon 6 of transcript AGAP005175-PA
JHU_Ag_117280	LDPTVLELK	AGAP005175-PA	-	37	0.001361069	2	1027.603	-0.12	Male reproductive organs	2L:+:11403057-11403077,11403161-11403166	exon=> In CDS Exon 7 and 8 of transcript AGAP005175-PA
JHU_Ag_60709	LRPYEQFSR	AGAP005178-PA	-	31	0.009608751	1	1195.618	-3.27	Head	2L:-:11411036-11411010	exon=> In CDS Exon 6 of transcript AGAP005178-PA
JHU_Ag_12159	LAENLSEELR	AGAP005179-PA	-	66	4.15E-06	1	1173.612	0.48	Male reproductive organs	2L:+:11415409-11415438	exon=> In CDS Exon 3 of transcript AGAP005179-PA
JHU_Ag_21956	YVALVTVGDKK	AGAP005179-PA	-	65	9.83E-07	1	1192.693	-0.31	Male reproductive organs	2L:+:11415475-11415507	exon=> In CDS Exon 3 of transcript AGAP005179-PA
JHU_Ag_28397	KSSVLILSR	AGAP005179-PA	-	34	0.000615647	1	1002.630	-0.84	Male reproductive organs	2L:+:11415077-11415103	exon=> In CDS Exon 2 of transcript AGAP005179-PA
JHU_Ag_61761	LAENLSEELRNQFK	AGAP005179-PA	-	48	0.000241506	1	1690.876	0.07	Male reproductive organs	2L:+:11415409-11415450	exon=> In CDS Exon 3 of transcript AGAP005179-PA
JHU_Ag_92823	SSVLILSR	AGAP005179-PA	-	60	2.75E-06	2	874.535	-0.41	Male reproductive organs	2L:+:11415080-11415103	exon=> In CDS Exon 2 of transcript AGAP005179-PA
JHU_Ag_26739	LTGVVPNNHINLVDECLYFMLR	AGAP005188-PA	C16(Carbamidomethyl), M20(Oxidation)	45	0.000329161	1	2633.338	6.13	Larva	2L:+:12145610-12145675	exon=> In CDS Exon 3 of transcript AGAP005188-PA
JHU_Ag_27653	AHYFLFNAGTAPVVPFMPTLVR	AGAP005188-PA	M17(Oxidation)	54	3.84E-05	1	2464.297	5.1	Larva	2L:+:12143570-12143594,12144108-12144148	exon=> In CDS Exon 1 and 2 of transcript AGAP005188-PA
JHU_Ag_29760	TSCQVQCNNEQVMGAISHSK	AGAP005188-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), M13(Oxidation)	65	1.98E-06	1	2294.002	2.43	Larva	2L:+:12145739-12145798	exon=> In CDS Exon 3 of transcript AGAP005188-PA
JHU_Ag_41464	TEPWMWDTVCK	AGAP005188-PA	C10(Carbamidomethyl),"M5(Oxidation), C10(Carbamidomethyl)"	35	0.001304573	2	1468.622	-1.19	Midgut	2L:+:12145517-12145549	exon=> In CDS Exon 3 of transcript AGAP005188-PA
JHU_Ag_83404	LTGVVPNNHINLVDECLYFMLR	AGAP005188-PA	C16(Carbamidomethyl), M20(Oxidation)	88	2.02E-08	1	2633.317	-1.87	Midgut	2L:+:12145610-12145675	exon=> In CDS Exon 3 of transcript AGAP005188-PA
JHU_Ag_8981	LSLDSTNVQHEK	AGAP005191-PA	-	47	0.000220362	2	1370.692	0.63	Ovary	2L:+:12155320-12155355	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_15510	FVYDEEQQTQR	AGAP005191-PA	-	47	0.000207547	2	1442.660	3.4	Malpighian tubule	2L:+:12155242-12155274	exon=> In CDS Exon 1 of transcript AGAP005191-PA

JHU_Ag_17994	GALVLASPEIR	AGAP005191-PA	-	45	9.42E-05	2	1125.663	-0.16	Ovary	2L:+:12154456-12154488	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_21376	EPTAKVVGIIK	AGAP005191-PA	-	29	0.001679505	1	1154.727	11.1	Salivary gland	2L:+:12153592-12153624	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_22960	NVIILHTVLDEVK	AGAP005191-PA	-	62	1.25E-06	1	1492.876	1.58	Midgut	2L:+:12152848-12152886	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_28864	SALTYEEAQIIIDDAKQTNDVATSLR	AGAP005191-PA	-	58	1.65E-05	1	2865.460	4.32	Malpighian tubule	2L:+:12154330-12154407	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_29384	IEQEFPECAMLR	AGAP005191-PA	Q3(Deamidated), C8(Carbamidomethyl)	38	0.001645589	1	1523.688	0.71	Male reproductive organs	2L:+:12154606-12154641	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_32552	ETENEVILLEHDVPHSR	AGAP005191-PA	-	65	5.71E-06	1	2017.003	2.2	Ovary	2L:+:12153853-12153903	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_34902	NVIILHTVLDEVK	AGAP005191-PA	-	57	3.57E-06	2	1492.875	1.17	Ovary	2L:+:12152848-12152886	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_40047	IEQEFPECAMLR	AGAP005191-PA	Q3(Deamidated), C8(Carbamidomethyl)	37	0.002089009	1	1523.687	-0.18	Visceras	2L:+:12154606-12154641	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_43594	FVYDEEQQTQR	AGAP005191-PA	-	38	0.001417217	2	1442.654	-0.24	Ovary	2L:+:12155242-12155274	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_43911	IVLLSDDADNR	AGAP005191-PA	-	40	0.001449949	2	1230.632	-0.22	Ovary	2L:+:12153112-12153144	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_56802	ATFAHLLDK	AGAP005191-PA	-	41	0.001098098	1	1015.557	-0.1	Ovary	2L:+:12153208-12153234	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_68516	DEFFHYGLAAPIYTHFTSPIR	AGAP005191-PA	-	115	4.19E-11	1	2482.230	4.58	Ovary	2L:+:12154858-12154920	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_76861	ALGPIGSKETENEVILLEHDVPHSR	AGAP005191-PA	-	83	4.00E-08	1	2740.434	2.71	Malpighian tubule	2L:+:12153829-12153903	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_79031	HIFVPAER	AGAP005191-PA	-	37	0.001329908	1	968.534	2.8	Malpighian tubule	2L:+:12153685-12153708	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_81414	IVLLSDDADNRAK	AGAP005191-PA	-	56	2.63E-05	1	1429.776	7.66	Malpighian tubule	2L:+:12153112-12153150	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_82673	APSDVVLVDEQTDPGDMVEPDPTFSVKPQAER	AGAP005191-PA	M17(Oxidation)	51	9.34E-05	1	3484.641	-0.48	Head	2L:+:12153496-12153591	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_84990	LMQGGFLASR	AGAP005191-PA	-	36	0.002691769	2	1079.566	-0.22	Ovary	2L:+:12153331-12153360	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_93911	IVLLSDDADNR	AGAP005191-PA	-	40	0.001598565	2	1230.636	2.95	Malpighian tubule	2L:+:12153112-12153144	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_99655	LVFELVKPYIEGFSVK	AGAP005191-PA	-	38	0.00041607	1	1868.062	2.5	Head	2L:+:12155356-12155403	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_99710	LLAACIGADSTYPELLDK	AGAP005191-PA	C5(Carbamidomethyl)	37	0.003060919	1	1949.992	1.5	Ovary	2L:+:12154948-12155001	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_102679	ENYLEGYVR	AGAP005191-PA	-	33	0.005227	2	1142.547	-0.46	Ovary	2L:+:12153361-12153387	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_103095	SALTYEEAQIIIDDAK	AGAP005191-PA	-	126	3.66E-12	2	1779.906	2.89	Ovary	2L:+:12154330-12154377	exon=> In CDS Exon 1 of transcript AGAP005191-PA
JHU_Ag_11387	ITYNELALVFR	AGAP005193-PA	-	33	0.003506014	2	1338.746	3.16	Ovary	2L:+:12162051-12162083	exon=> In CDS Exon 3 of transcript AGAP005193-PA
JHU_Ag_15389	SALGESPSPAGSPSDGSR	AGAP005193-PA	-	36	0.002820499	1	1658.769	4.59	Malpighian tubule	2L:+:12166570-12166623	exon=> In CDS Exon 6 of transcript AGAP005193-PA
JHU_Ag_44833	LAVLEFVESCVHK	AGAP005193-PA	C10(Carbamidomethyl)	38	0.002056387	1	1530.803	2.84	Ovary	2L:+:12164004-12164042	exon=> In CDS Exon 3 of transcript AGAP005193-PA
JHU_Ag_45908	LLHDIWTYHTLER	AGAP005193-PA	-	48	0.000167257	1	1696.885	2.76	Ovary	2L:+:12161610-12161648	exon=> In CDS Exon 3 of transcript AGAP005193-PA
JHU_Ag_48734	NLLEYFHSGTHPYSK	AGAP005193-PA	-	32	0.009836789	1	1792.872	3.53	Ovary	2L:+:12161673-12161717	exon=> In CDS Exon 3 of transcript AGAP005193-PA
JHU_Ag_61570	RELSTELLIFHDFVK	AGAP005193-PA	-	77	1.23E-07	1	1847.019	7.15	Ovary	2L:+:12166843-12166887	exon=> In CDS Exon 6 of transcript AGAP005193-PA

JHU_Ag_85198	RHIHEYDLSPLESAIYTQPK	AGAP005193-PA	-	103	6.27E-10	1	2397.235	6.22	Ovary	2L:+:12163731-12163790	exon=> In CDS Exon 3 of transcript AGAP005193-PA
JHU_Ag_85886	HIHEYDLSPLESAIYTQPK	AGAP005193-PA	-	65	4.06E-06	1	2241.136	7.66	Ovary	2L:+:12163734-12163790	exon=> In CDS Exon 3 of transcript AGAP005193-PA
JHU_Ag_108648	SALGESPSPAGSPSDGSR	AGAP005193-PA	-	70	1.17E-06	1	1658.765	2.16	Visceras	2L:+:12166570-12166623	exon=> In CDS Exon 6 of transcript AGAP005193-PA
JHU_Ag_43409	WILTAEHCVPLLQFFSER	AGAP005194-PA	C8(Carbamidomethyl)	58	1.90E-05	1	2246.146	1.59	Malpighian tubule	2L:-:12168972-12169173,12168726-12168851	exon=> In CDS Exon 2 and 1 of transcript AGAP005194-PA
JHU_Ag_43450	NMVKNAAVR	AGAP005195-PA	N1(Deamidated)	43	0.001036956	2	1003.532	-3.16	Salivary gland	2L:-:12172158-12172132	exon=> In CDS Exon 2 of transcript AGAP005195-PA
JHU_Ag_2464	LELFLPEDYPMSAPK	AGAP005197-PA	M11(Oxidation)	71	1.34E-06	1	1765.872	0.33	Male reproductive organs	2L:-:12186162-12186118	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_4236	YANVDN	AGAP005197-PA	-	39	0.000618661	1	695.300	1.12	Malpighian tubule	2L:-:12185883-12185866	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_8856	LMQEPVPGISAIPDEQNAR	AGAP005197-PA	M2(Oxidation)	93	7.50E-09	1	2065.047	4.25	Malpighian tubule	2L:-:12186279-12186223	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_9392	YFHVIVFGPEDSPFEGGLFK	AGAP005197-PA	-	85	4.71E-08	1	2285.146	7.94	Midgut	2L:-:12186222-12186163	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_9762	VNEAEAIR	AGAP005197-PA	-	56	4.04E-05	2	901.476	2.55	Male reproductive organs	2L:-:12185931-12185908	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_19335	YFHVIVFGPEDSPFEGGLFK	AGAP005197-PA	-	135	4.54E-13	1	2285.131	1.53	Ovary	2L:-:12186222-12186163	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_20640	VNEAEAIR	AGAP005197-PA	-	67	3.01E-06	2	901.474	-0.02	Ovary	2L:-:12185931-12185908	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_25517	LMQEPVPGISAIPDEQNAR	AGAP005197-PA	M2(Oxidation)	75	4.76E-07	1	2081.030	-1.55	Male reproductive organs	2L:-:12186279-12186223	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_27411	LELFLPEDYPMSAPK	AGAP005197-PA	M11(Oxidation)	83	8.70E-08	1	1765.875	1.99	Ovary	2L:-:12186162-12186118	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_27662	LMQEPVPGISAIPDEQNAR	AGAP005197-PA	M2(Oxidation)	122	1.07E-11	1	2081.037	1.97	Ovary	2L:-:12186279-12186223	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_28078	ICLDILK	AGAP005197-PA	C2(Carbamidomethyl)	46	0.000315597	1	874.509	2.87	Malpighian tubule	2L:-:12186066-12186046	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_29058	WSPALQIR	AGAP005197-PA	-	37	0.001309638	2	970.546	-0.56	Head	2L:-:12186039-12186016	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_30084	VNEAEAIR	AGAP005197-PA	-	71	1.47E-06	2	901.476	2.21	Visceras	2L:-:12185931-12185908	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_31484	NAKEWTQR	AGAP005197-PA	-	48	0.000227235	1	1032.523	1.16	Malpighian tubule	2L:-:12185907-12185884	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_31537	LELFLPEDYPMSAPK	AGAP005197-PA	M11(Oxidation)	63	7.80E-06	2	1749.882	2.79	Head	2L:-:12186162-12186118	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_41172	YFHVIVFGPEDSPFEGGLFK	AGAP005197-PA	-	108	2.15E-10	1	2285.130	0.81	Head	2L:-:12186222-12186163	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_42257	LMQEPVPGISAIPDEQNAR	AGAP005197-PA	M2(Oxidation)	72	9.82E-07	1	2081.032	-0.84	Midgut	2L:-:12186279-12186223	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_50845	ICLDILK	AGAP005197-PA	C2(Carbamidomethyl)	47	0.000250345	1	874.508	1.26	Male reproductive organs	2L:-:12186066-12186046	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_54152	AALPR	AGAP005197-PA	N-Term(Acetyl)	30	0.001730902	1	569.342	1.66	Malpighian tubule	2L:-:12186318-12186304	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_55110	YFHVIVFGPEDSPFEGGLFK	AGAP005197-PA	-	105	4.73E-10	1	2285.135	3.05	Malpighian tubule	2L:-:12186222-12186163	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_66237	ICLDILK	AGAP005197-PA	C2(Carbamidomethyl)	46	0.000306577	1	874.507	0.08	Ovary	2L:-:12186066-12186046	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_75450	LMQEPVPGISAIPDEQNAR	AGAP005197-PA	M2(Oxidation)	108	2.35E-10	1	2065.040	0.83	Head	2L:-:12186279-12186223	exon=> In CDS Exon 1 of transcript AGAP005197-PA

JHU_Ag_93920	AALPR	AGAP005197-PA	N-Term(Acetyl)	34	0.000733285	1	569.341	1.45	Visceras	2L:-:12186318-12186304	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_94222	DKWSPALQIR	AGAP005197-PA	-	35	0.003216684	1	1213.669	-0.19	Male reproductive organs	2L:-:12186045-12186016	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_112343	LELFLPEDYPMSAPK	AGAP005197-PA	-	52	0.000108959	2	1749.874	-1.6	Midgut	2L:-:12186162-12186118	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_114546	ICLDILKDK	AGAP005197-PA	C2(Carbamidomethyl)	47	0.000174128	2	1117.629	0.19	Male reproductive organs	2L:-:12186066-12186040	exon=> In CDS Exon 1 of transcript AGAP005197-PA
JHU_Ag_33780	ILVEKPR	AGAP005199-PB	-	43	0.000101728	1	854.547	0.96	Malpighian tubule	2L:-:12192154-12192134	exon=> In CDS Exon 2 of transcript AGAP005199-PB
JHU_Ag_34131	MDIDEEEFEAPTSSSSR	AGAP005202-PB	N-Term(Acetyl), M1(Oxidation)	87	5.99E-09	1	1987.811	1.96	Ovary	2L:+:12198919-12198969	exon=> In CDS Exon 1 of transcript AGAP005202-PB
JHU_Ag_49329	NPVQSNEQNRIVDDLR	AGAP005206-PA	Q4(Deamidated), Q8(Deamidated),"N1(Deamidated), N6(Deamidated)","N1(Deamidated), N9(Deamidated)","Q4(Deamidated), N6(Deamidated)","N1(Deamidated), Q4(Deamidated)","Q4(Deamidated), N9(Deamidated)","N6(Deamidated), Q8(Deamidated)","Q8(Deamidated), N9(Deamidated)","N1(Deamidated), Q8(Deamidated)","N6(Deamidated), N9(Deamidated)"	31	0.012408705	1	1898.909	-6.18	Midgut	2L:+:12223171-12223218	exon=> In CDS Exon 2 of transcript AGAP005206-PA
JHU_Ag_21023	ILIQTNQLTGEPELYYLR	AGAP005209-PA	-	71	5.37E-07	2	2164.167	0.98	Midgut	2L:-:12354236-12354593,12354021-12354088	exon=> In CDS Exon 6 and 5 of transcript AGAP005209-PA
JHU_Ag_44165	FYVIPGIGNFGDR	AGAP005209-PA	-	38	0.002088296	2	1454.745	1.5	Head	2L:-:12353768-12353730	exon=> In CDS Exon 7 of transcript AGAP005209-PA
JHU_Ag_44524	ILIQTNQLTGEPELYYLR	AGAP005209-PA	-	92	3.67E-09	1	2164.172	3.24	Malpighian tubule	2L:-:12354236-12354593,12354021-12354088	exon=> In CDS Exon 6 and 5 of transcript AGAP005209-PA
JHU_Ag_75769	ILIQTNQLTGEPELYYLR	AGAP005209-PA	-	57	1.26E-05	1	2164.177	5.61	Ovary	2L:-:12354236-12354593,12354021-12354088	exon=> In CDS Exon 6 and 5 of transcript AGAP005209-PA
JHU_Ag_97324	TIYTAGRPPWYNCAGQQVEPFVIGICGGSASGK	AGAP005209-PA	C13(Carbamidomethyl), C26(Carbamidomethyl)	69	1.57E-06	1	3541.704	1.32	Malpighian tubule	2L:-:12355563-12355816,12355090-12355339	exon=> In CDS Exon 3 and 2 of transcript AGAP005209-PA
JHU_Ag_43051	LERLQLK	AGAP005210-PA	Q5(Deamidated)	34	0.002325732	1	900.555	3.71	Malpighian tubule	2L:+:12357424-12357444	exon=> In CDS Exon 2 of transcript AGAP005210-PA
JHU_Ag_60592	NCIIGPHFVVAAGTK	AGAP005210-PA	C2(Carbamidomethyl)	40	0.001047409	1	1583.839	1.7	Ovary	2L:+:12358756-12358800	exon=> In CDS Exon 6 of transcript AGAP005210-PA
JHU_Ag_55750	GAVTIQR	AGAP005213-PA	Q6(Deamidated)	38	0.004465241	2	745.421	0.35	Visceras	2L:-:12393866-12393846	exon=> In CDS Exon 3 of transcript AGAP005213-PA
JHU_Ag_39272	LLGETLDDAPGEALDK	AGAP005215-PA	-	82	9.64E-08	2	1656.834	0.47	Midgut	2L:-:12410111-12410064	exon=> In CDS Exon 3 of transcript AGAP005215-PA
JHU_Ag_93469	FGGIIPPVAQDIHR	AGAP005215-PA	-	35	0.002711885	1	1519.837	-0.77	Ovary	2L:-:12410507-12410466	exon=> In CDS Exon 2 of transcript AGAP005215-PA

JHU_Ag_31432	TTGSATNR	AGAP005216-PA	N7(Deamidated)	37	0.002172225	2	808.388	10.72	Malpighian tubule	2L:+:12414535-12414558	exon=> In CDS Exon 5 of transcript AGAP005216-PA
JHU_Ag_9494	SVDGEPEAEDEVEEEPEEEMKLPK	AGAP005221-PA	M20(Oxidation)	54	2.41E-05	1	2760.198	2	Malpighian tubule	2L:+:12503248-12503319	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_13037	DWYYQDIIDER	AGAP005221-PA	-	52	5.25E-05	2	1515.679	2.5	Visceras	2L:+:12503335-12503367	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_20992	NTGVLFVNDANKER	AGAP005221-PA	-	50	0.000164021	1	1576.809	0.95	Ovary	2L:+:12502690-12502731	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_27610	SVDGEPEAEDEVEEEPEEEMKLPK	AGAP005221-PA	M20(Oxidation)	44	0.000257346	1	2760.198	1.8	Ovary	2L:+:12503248-12503319	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_30078	VLLDAPCTGSGVISK	AGAP005221-PA	C7(Carbamidomethyl)	60	1.43E-05	1	1516.806	1.11	Ovary	2L:+:12502837-12502881	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_32256	INLERPK	AGAP005221-PA	-	30	0.00319264	1	869.517	-4.28	Ovary	2L:+:12501181-12501201	exon=> In CDS Exon 1 of transcript AGAP005221-PA
JHU_Ag_41815	DWYYQDIIDER	AGAP005221-PA	-	57	1.78E-05	1	1515.678	1.94	Ovary	2L:+:12503335-12503367	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_42630	EQKPQKPASEEPK	AGAP005221-PA	-	31	0.009906267	1	1495.774	-0.47	Ovary	2L:+:12503485-12503523	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_49191	DLAQALINR	AGAP005221-PA	-	52	5.65E-05	2	1013.577	2.62	Salivary gland	2L:+:12502435-12502461	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_52531	LHAVLGNFHR	AGAP005221-PA	-	42	0.000591568	1	1163.646	2.44	Ovary	2L:+:12502732-12502761	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_54038	INLERPK	AGAP005221-PA	-	42	0.00017067	1	869.522	2.25	Malpighian tubule	2L:+:12501181-12501201	exon=> In CDS Exon 1 of transcript AGAP005221-PA
JHU_Ag_57239	VAAVPNTFDPAEIFNIEK	AGAP005221-PA	-	36	0.003558913	1	1975.027	4.72	Malpighian tubule	2L:+:12501511-12501564	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_60661	RFYPHTHNLDGFFVAK	AGAP005221-PA	-	60	1.33E-05	1	1948.999	8.73	Ovary	2L:+:12503170-12503217	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_80054	FAFPTEEELAQTTSLQDVNMR	AGAP005221-PA	M20(Oxidation)	90	1.46E-08	2	2427.151	0.57	Ovary	2L:+:12502132-12502194	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_80117	EQKPQKPASEEPK	AGAP005221-PA	-	33	0.005839396	1	1495.778	1.66	Malpighian tubule	2L:+:12503485-12503523	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_81848	EADAEMAEAAVNR	AGAP005221-PA	M6(Oxidation)	59	9.16E-06	2	1392.605	-0.93	Ovary	2L:+:12502087-12502125	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_84594	GINLDPIGK	AGAP005221-PA	-	32	0.002981874	2	926.531	0.02	Ovary	2L:+:12502462-12502488	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_85225	DLAQALINR	AGAP005221-PA	-	58	1.48E-05	2	1013.575	1.35	Ovary	2L:+:12502435-12502461	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_100291	DLAQALINR	AGAP005221-PA	-	47	0.000165989	2	1013.575	1.53	Male reproductive organs	2L:+:12502435-12502461	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_102962	VAAVPNTFDPAEIFNIEK	AGAP005221-PA	-	61	1.31E-05	2	1975.020	1.5	Male reproductive organs	2L:+:12501511-12501564	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_103956	DWYYQDIIDERK	AGAP005221-PA	-	85	3.92E-08	1	1643.772	1.34	Ovary	2L:+:12503335-12503370	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_114571	DLAQALINR	AGAP005221-PA	-	36	0.002259842	2	1013.577	3.04	Malpighian tubule	2L:+:12502435-12502461	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_114590	FYPHTHNLDGFFVAK	AGAP005221-PA	-	56	4.53E-05	1	1792.890	5.27	Ovary	2L:+:12503173-12503217	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_114877	VAAVPNTFDPAEIFNIEK	AGAP005221-PA	-	76	3.89E-07	1	1975.022	2.37	Ovary	2L:+:12501511-12501564	exon=> In CDS Exon 2 of transcript AGAP005221-PA
JHU_Ag_70899	ASSDLIVNVNNLEK	AGAP005225-PA	N8(Deamidated), N11(Deamidated),"N10(Deamidated), N11(Deamidated)","N8(Deamidated), N10(Deamidated)"	40	0.001953191	1	1517.747	-15.06	Malpighian tubule	2L:-:12529538-12529497	exon=> In CDS Exon 1 of transcript AGAP005225-PA

JHU_Ag_28398	AVGNVIQPLYTPGSIQQR	AGAP005227-PA	-	50	5.58E-05	2	1941.058	1.34	Ovary	2L:+:12537545-12537598	exon=> In CDS Exon 4 of transcript AGAP005227-PA
JHU_Ag_35490	TSDDVVLSATNFVSER	AGAP005227-PA	-	63	8.93E-06	2	1739.849	2.49	Ovary	2L:+:12536792-12536839	exon=> In CDS Exon 3 of transcript AGAP005227-PA
JHU_Ag_89347	AVGNVIQPLYTPGSIQQR	AGAP005227-PA	-	58	9.27E-06	1	1941.064	4.29	Malpighian tubule	2L:+:12537545-12537598	exon=> In CDS Exon 4 of transcript AGAP005227-PA
JHU_Ag_799	IQPVEIEILPVVYDIIR	AGAP005228-PA	-	63	6.37E-07	1	2009.172	1.84	Ovary	2L:-:12539731-12539681	exon=> In CDS Exon 2 of transcript AGAP005228-PA
JHU_Ag_1133	TSYSDTVVSLYGAR	AGAP005234-PA,AGAP005234-PB	-	104	6.51E-10	2	1518.744	0.13	Midgut	2L:-:12659248-12659207;2L:-:12659248-12659207	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_23745	GDLTDGCASTGGHYNPDKVSHGAPNDQVR	AGAP005234-PA,AGAP005234-PB	C7(Carbamidomethyl)	40	0.000856971	1	3025.340	-1.72	Head	2L:-:12659490-12659646,12659082-12659300;2L:-:12659490-12659646,12659078-12659300	exon=> In CDS Exon 3 and 2 of transcript AGAP005234-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005234-PB
JHU_Ag_24687	TSYSDTVVSLYGAR	AGAP005234-PA,AGAP005234-PB	-	97	3.15E-09	2	1518.750	4.55	Larva	2L:-:12659248-12659207;2L:-:12659248-12659207	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_25263	GDLTDGCASTGGHYNPDKVSHGAPNDQVR	AGAP005234-PA,AGAP005234-PB	C7(Carbamidomethyl)	87	1.64E-08	1	3025.341	-1.36	Midgut	2L:-:12659490-12659646,12659082-12659300;2L:-:12659490-12659646,12659078-12659300	exon=> In CDS Exon 3 and 2 of transcript AGAP005234-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005234-PB
JHU_Ag_28285	HVGDLGNIAADENGIAK	AGAP005234-PA,AGAP005234-PB	-	101	1.22E-09	2	1693.855	2.4	Pupa	2L:-:12659299-12659249;2L:-:12659299-12659249	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_30676	AIVIHAEVDDLGK	AGAP005234-PA,AGAP005234-PB	-	51	6.54E-05	1	1379.761	6.01	Malpighian tubule	2L:-:12659191-12659153;2L:-:12659191-12659153	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_34160	TSYSDTVVSLYGAR	AGAP005234-PA,AGAP005234-PB	-	62	1.03E-05	2	1518.746	1.42	Pupa	2L:-:12659248-12659207;2L:-:12659248-12659207	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_37837	TNHPDSLK	AGAP005234-PA,AGAP005234-PB	-	36	0.002535156	1	911.459	0.56	Head	2L:-:12659152-12659129;2L:-:12659152-12659129	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_46475	AIVIHAEVDDLGK	AGAP005234-PA,AGAP005234-PB	-	65	2.83E-06	1	1379.754	0.79	Midgut	2L:-:12659191-12659153;2L:-:12659191-12659153	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_47719	HGFHIHEK	AGAP005234-PA,AGAP005234-PB	-	43	0.000897972	2	1004.512	5.76	Larva	2L:-:12659514-12659491;2L:-:12659514-12659491	exon=> In CDS Exon 2 of transcript AGAP005234-PA;exon=> In CDS Exon 2 of transcript AGAP005234-PB
JHU_Ag_47781	TSYSDTVVSLYGAR	AGAP005234-PA,AGAP005234-PB	-	45	0.000646325	2	1518.744	0.05	Male reproductive organs	2L:-:12659248-12659207;2L:-:12659248-12659207	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB

JHU_Ag_53912	HVGDLGNIAADENGIAK	AGAP005234-PA,AGAP005234-PB	N13(Deamidated)	165	4.89E-16	1	1693.854	2.18	Head	2L:-:12659299-12659249;2L:-:12659299-12659249	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_76465	HVGDLGNIAADENGIAK	AGAP005234-PA,AGAP005234-PB	-	117	2.86E-11	2	1693.851	0.31	Visceras	2L:-:12659299-12659249;2L:-:12659299-12659249	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_78643	AIVIHAEVDDLGK	AGAP005234-PA,AGAP005234-PB	-	75	3.11E-07	2	1379.756	1.94	Visceras	2L:-:12659191-12659153;2L:-:12659191-12659153	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_80789	TSYSDTVVSLYGAR	AGAP005234-PA,AGAP005234-PB	-	107	3.81E-10	2	1518.746	1.74	Head	2L:-:12659248-12659207;2L:-:12659248-12659207	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_86374	HVGDLGNIAADENGIAK	AGAP005234-PA,AGAP005234-PB	-	157	3.40E-15	1	1693.853	1.75	Malpighian tubule	2L:-:12659299-12659249;2L:-:12659299-12659249	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_86467	HVGDLGNIAADENGIAK	AGAP005234-PA,AGAP005234-PB	-	83	6.91E-08	1	1693.854	2.04	Midgut	2L:-:12659299-12659249;2L:-:12659299-12659249	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_100204	TSYSDTVVSLYGAR	AGAP005234-PA,AGAP005234-PB	-	94	6.55E-09	1	1518.747	2.3	Malpighian tubule	2L:-:12659248-12659207;2L:-:12659248-12659207	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_101046	AIVIHAEVDDLGKTNHPDSLK	AGAP005234-PA,AGAP005234-PB	-	135	3.02E-13	1	2272.200	2.73	Malpighian tubule	2L:-:12659191-12659129;2L:-:12659191-12659129	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_102530	GDLTDGCASTGGHYNPDK	AGAP005234-PA,AGAP005234-PB	C7(Carbamidomethyl)	128	7.03E-13	1	1864.779	1.02	Head	2L:-:12659490-12659437;2L:-:12659490-12659437	exon=> In CDS Exon 2 of transcript AGAP005234-PA;exon=> In CDS Exon 2 of transcript AGAP005234-PB
JHU_Ag_107284	VSHGAPNDQVR	AGAP005234-PA,AGAP005234-PB	-	52	8.93E-05	1	1179.583	-3.18	Head	2L:-:12659332-12659300;2L:-:12659332-12659300	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_111493	HVGDLGNIAADENGIAK	AGAP005234-PA,AGAP005234-PB	N13(Deamidated)	92	1.05E-08	2	1694.843	5.27	Larva	2L:-:12659299-12659249;2L:-:12659299-12659249	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_113228	TSYSDTVVSLYGAR	AGAP005234-PA,AGAP005234-PB	-	97	3.22E-09	2	1518.747	2.46	Visceras	2L:-:12659248-12659207;2L:-:12659248-12659207	exon=> In CDS Exon 3 of transcript AGAP005234-PA;exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_108132	VACGVIGIL	AGAP005234-PB	C3(Carbamidomethyl)	35	0.005720697	1	901.520	2.75	Head	2L:-:12659107-12659081	exon=> In CDS Exon 3 of transcript AGAP005234-PB
JHU_Ag_20479	EAVIQSLR	AGAP005235-PA	Q5(Deamidated)	36	0.004975099	1	916.510	-0.33	Malpighian tubule	2L:-:12668360-12668504,12668083-12668250	exon=> In CDS Exon 4 and 3 of transcript AGAP005235-PA
JHU_Ag_56915	EVTDVVPK	AGAP005238-PA	-	43	0.000517602	2	886.490	2.36	Malpighian tubule	2L:+:12707775-12707798	exon=> In CDS Exon 6 of transcript AGAP005238-PA

JHU_Ag_59388	YLYSVKGDQAGSLR	AGAP005238-PA	-	67	2.72E-06	1	1556.809	1.59	Malpighian tubule	2L:+:12706786-12706827	exon=> In CDS Exon 3 of transcript AGAP005238-PA
JHU_Ag_73674	YNVLLSDNSLR	AGAP005238-PA	N8(Deamidated)	37	0.002710284	2	1294.667	2.5	Malpighian tubule	2L:+:12704688-12704720	exon=> In CDS Exon 2 of transcript AGAP005238-PA
JHU_Ag_105545	HTIGDDYIK	AGAP005238-PA	-	40	0.001538538	1	1061.529	2.24	Malpighian tubule	2L:+:12706852-12706878	exon=> In CDS Exon 3 of transcript AGAP005238-PA
JHU_Ag_112958	GKEVTDVVPK	AGAP005238-PA	-	52	7.38E-05	1	1071.604	-0.88	Malpighian tubule	2L:+:12707769-12707798	exon=> In CDS Exon 6 of transcript AGAP005238-PA
JHU_Ag_42129	QSNGNQSILK	AGAP005239-PA	N5(Deamidated),Q6(Deamidated)	36	0.004954197	2	1089.552	-1.24	Head	2L:-:12708797-12708768	exon=> In CDS Exon 3 of transcript AGAP005239-PA
JHU_Ag_72853	SVVDAFITIAK	AGAP005239-PA	-	57	1.17E-05	2	1163.666	-0.59	Male reproductive organs	2L:-:12709052-12709020	exon=> In CDS Exon 2 of transcript AGAP005239-PA
JHU_Ag_112839	ALLGSGGQLAAFGYTK	AGAP005239-PA	-	50	7.54E-05	2	1553.836	2.14	Head	2L:-:12708471-12708424	exon=> In CDS Exon 4 of transcript AGAP005239-PA
JHU_Ag_37402	TWNEDSLNSALEALR	AGAP005244-PA,AGAP005244-PB	-	49	0.000219558	2	1718.844	5.7	Head	2L:-:12784807-12784763;2L:-:12784807-12784763	exon=> In CDS Exon 7 of transcript AGAP005244-PA;exon=> In CDS Exon 5 of transcript AGAP005244-PB
JHU_Ag_32626	SSSSSGTAAAGGGVHQK	AGAP005245-PK,AGAP005245-PD,AGAP005245-PI,AGAP005245-PH,AGAP005245-PJ,AGAP005245-PG,AGAP005245-PB,AGAP005245-PA,AGAP005245-PL,AGAP005245-PE,AGAP005245-PF,AGAP005245-PC	-	53	7.19E-05	2	1488.703	-0.74	Salivary gland	2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591;2L:+:12909541-12909591	exon=> In CDS Exon 2 of transcript AGAP005245-PK;exon=> In CDS Exon 2 of transcript AGAP005245-PD;exon=> In CDS Exon 2 of transcript AGAP005245-PI;exon=> In CDS Exon 2 of transcript AGAP005245-PH;exon=> In CDS Exon 2 of transcript AGAP005245-PJ;exon=> In CDS Exon 2 of transcript AGAP005245-PG;exon=> In CDS Exon 2 of transcript AGAP005245-PB;exon=> In CDS Exon 2 of transcript AGAP005245-PA;exon=> In CDS Exon 2 of transcript AGAP005245-PL;exon=> In CDS Exon 2 of transcript AGAP005245-PE;exon=> In CDS Exon 2 of transcript AGAP005245-PF;exon=> In CDS Exon 2 of transcript AGAP005245-PC
JHU_Ag_41591	LVKPDQSDVAQANRHEEL	AGAP005246-PA	-	85	5.04E-08	1	2049.035	-0.61	Malpighian tubule	2L:-:12999898-12999845	exon=> In CDS Exon 4 of transcript AGAP005246-PA
JHU_Ag_864	FKIEFTR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	29	0.005193439	2	940.529	4.36	Larva	2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_3399	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	82	1.33E-08	2	1239.733	1.85	Visceras	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_6207	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	87	4.17E-09	2	1239.731	-0.12	Male reproductive organs	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_6952	MVLVNAVHFK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	73	6.89E-07	1	1173.645	-0.21	Midgut	2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_7261	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	55	5.11E-05	2	1232.654	4.52	Male reproductive organs	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_8125	MGLAALEEK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	58	2.31E-05	2	977.500	2.4	Midgut	2L:-:13000531-13000505;2L:-:13000531-13000505;2L:-:13000531-13000505;2L:-:13000531-13000505	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_9490	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	91	8.89E-09	1	1211.617	0.25	Male reproductive organs	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_9642	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	110	1.01E-10	1	1684.908	-2.25	Midgut	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_9765	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	81	1.35E-07	2	1232.648	-0.23	Head	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_10650	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	79	1.10E-07	1	1684.913	0.71	Visceras	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_10713	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	54	4.85E-05	2	1211.617	0.55	Salivary gland	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_12369	MGLAALEEK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	35	0.006706502	2	961.503	0.39	Head	2L:-:13000531-13000505;2L:-:13000531-13000505;2L:-:13000531-13000505;2L:-:13000531-	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_12685	MVLVNAVHFK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	68	1.89E-06	1	1173.645	-0.29	Head	2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_12943	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	72	8.20E-07	1	1211.615	-1.36	Head	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_13118	ADNSSSLDAQFVSQSNSFATK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-Term(Acetyl)	62	8.09E-06	2	2246.023	0.74	Male reproductive organs	2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-	exon=> In CDS Exon 1 of transcript AGAP005246-PC;exon=> In CDS Exon 1 of transcript AGAP005246-PE;exon=> In CDS Exon 1 of transcript AGAP005246-PA;exon=> In CDS Exon 1 of transcript AGAP005246-PD

JHU_Ag_13854	DLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	103	6.95E-10	1	1443.736	2.59	Head	2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_14652	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	99	1.38E-09	2	1519.708	1.17	Head	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD
JHU_Ag_17620	MFSDSAEFPDLLEQNEPMKVSK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation), M18(Oxidation)	57	2.93E-05	1	2574.189	5.74	Larva	2L:-:13000268-13000203;2L:-:13000268-13000203;2L:-:13000268-13000203;2L:-:13000268-13000203	exon=> In CDS Exon 3 of transcript AGAP005246-PC;exon=> In CDS Exon 3 of transcript AGAP005246-PE;exon=> In CDS Exon 3 of transcript AGAP005246-PA;exon=> In CDS Exon 3 of transcript AGAP005246-PD
JHU_Ag_17686	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	80	2.00E-08	1	1239.731	0.38	Salivary gland	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_18096	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	84	3.25E-08	1	1684.914	1.15	Pupa	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_18334	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	87	1.94E-08	1	1684.911	-0.51	Male reproductive organs	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_21646	MVLVNAVHFK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	65	4.77E-06	1	1173.645	0.41	Ovary	2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_21833	ADNSSSLDAQFVSQSNSFATK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-Term(Acetyl)	47	0.000246625	2	2246.023	0.85	Malpighian tubule	2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279	exon=> In CDS Exon 1 of transcript AGAP005246-PC;exon=> In CDS Exon 1 of transcript AGAP005246-PE;exon=> In CDS Exon 1 of transcript AGAP005246-PA;exon=> In CDS Exon 1 of transcript AGAP005246-PD
JHU_Ag_22398	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	90	2.44E-09	1	1239.735	3.53	Larva	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_22838	IYVMQNYAVK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M4(Oxidation)	77	3.06E-07	1	1244.634	0.03	Male reproductive organs	2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_23478	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	93	9.38E-09	2	1232.647	-0.63	Midgut	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_23893	MFSDSAEFPDLLEQNEPMKVSK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation), M18(Oxidation)	43	0.000740206	1	2574.185	4.46	Malpighian tubule	2L:-:13000268-13000203;2L:-:13000268-13000203;2L:-:13000268-13000203;2L:-:13000268-13000203	exon=> In CDS Exon 3 of transcript AGAP005246-PC;exon=> In CDS Exon 3 of transcript AGAP005246-PE;exon=> In CDS Exon 3 of transcript AGAP005246-PA;exon=> In CDS Exon 3 of transcript AGAP005246-PD
JHU_Ag_27474	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	73	1.04E-06	2	1232.648	0.26	Salivary gland	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_28361	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	89	9.89E-09	1	1684.917	2.99	Ovary	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_28654	GAFNAIATGSFRSEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	124	5.65E-12	1	2774.353	5.44	Malpighian tubule	2L:-:13000933-13000850;2L:-:13000933-13000850;2L:-:13000933-13000850;2L:-:13000933-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_30396	MVLVNAVHFK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	51	0.000101809	1	1157.650	-0.36	Pupa	2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_31949	MVLVNAVHFK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	64	5.04E-06	1	1173.649	3.54	Larva	2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_32038	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	77	4.01E-07	2	1232.648	0.06	Visceras	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_33290	MGLAALEEKLPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	35	0.001331646	1	2198.212	0.68	Male reproductive organs	2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_35913	FKIEFTR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	53	2.62E-05	2	940.527	1.57	Malpighian tubule	2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_36314	QEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	58	2.57E-05	2	1088.599	-0.12	Midgut	2L:-:13000459-13000433;2L:-:13000459-13000433;2L:-:13000459-13000433;2L:-:13000459-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_36976	QEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	40	0.001513938	2	1088.599	0.33	Malpighian tubule	2L:-:13000459-13000433;2L:-:13000459-13000433;2L:-:13000459-13000433;2L:-:13000459-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_37645	KINGWVEEK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N3(Deamidated)	54	7.08E-05	2	1103.572	-1.25	Midgut	2L:-:13000849-13000823;2L:-:13000849-13000823;2L:-:13000849-13000823;2L:-:13000849-13000823	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_38053	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	95	4.52E-09	2	1581.739	0.15	Head	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_39198	MVLVNAVHFK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	60	1.38E-05	1	1173.646	0.63	Malpighian tubule	2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_39751	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	63	4.95E-06	1	1684.915	2.12	Malpighian tubule	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_42212	MGLAALEEKLPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	155	1.39E-15	1	2198.209	-0.66	Midgut	2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_43212	ADNSSSLDAQFVSQSNSFATK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-Term(Acetyl)	89	1.42E-08	1	2246.029	3.78	Larva	2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279	exon=> In CDS Exon 1 of transcript AGAP005246-PC;exon=> In CDS Exon 1 of transcript AGAP005246-PE;exon=> In CDS Exon 1 of transcript AGAP005246-PA;exon=> In CDS Exon 1 of transcript AGAP005246-PD
JHU_Ag_46171	KINGWVEEK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N3(Deamidated)	39	0.002496 16	2	1103.572	-0.81	Larva	2L:-:13000849-13000823;2L:-:13000849-13000823;2L:-:13000849-13000823;2L:-:13000849-13000823	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_46286	DLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	56	3.71E-05	2	1443.736	2.5	Male reproductive organs	2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_46392	FKIEFTR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	40	0.000523 082	2	940.525	-0.18	Midgut	2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_47010	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	102	9.27E-10	1	1503.713	1.21	Malpighian tubule	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD
JHU_Ag_47076	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	113	7.05E-11	2	1503.713	1.37	Pupa	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD

JHU_Ag_47510	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	106	4.03E-10	2	1581.739	-0.08	Salivary gland	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_47554	MGLAALEEK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	75	5.79E-07	2	977.498	0.46	Larva	2L:-:13000531-13000505;2L:-:13000531-13000505;2L:-:13000531-13000505;2L:-:13000531-13000505	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_48142	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	82	6.70E-08	2	1211.618	1.26	Midgut	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_49966	MGLAALEEKLPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	136	8.68E-14	1	2182.228	5.76	Malpighian tubule	2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_51991	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	109	2.11E-10	2	1581.741	1.08	Male reproductive organs	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_53309	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	100	7.83E-10	1	1684.920	4.85	Larva	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_54108	LATDSTVNVANKIYVMQNYAVK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M16(Oxidation)	145	3.21E-14	1	2458.276	4.6	Malpighian tubule	2L:-:13000999-13000934;2L:-:13000999-13000934;2L:-:13000999-13000934;2L:-:13000999-13000934	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_54474	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	68	1.96E-06	2	1211.618	0.85	Malpighian tubule	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_55008	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	46	0.000301105	2	1519.706	0.21	Ovary	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD
JHU_Ag_55579	DLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	76	3.75E-07	2	1443.737	3.01	Larva	2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_57502	IYVMQNYAVK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M4(Oxidation)	45	0.00048316	1	1244.635	0.72	Ovary	2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_59331	MVLVNAVHFK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	43	0.000639625	2	1173.645	0.01	Male reproductive organs	2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736;2L:-:13000765-13000736	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_59484	IYVMQNYAVK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	45	0.000310413	1	1228.642	1.76	Pupa	2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_60708	MHKQEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	82	8.34E-08	1	1500.790	1.16	Malpighian tubule	2L:-:13000468-13000433;2L:-:13000468-13000433;2L:-:13000468-13000433;2L:-:13000468-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_61730	MGLAALEEKLPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	70	3.28E-07	3	2198.225	6.51	Larva	2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_62977	QEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	43	0.000785431	2	1088.599	0.1	Ovary	2L:-:13000459-13000433;2L:-:13000459-13000433;2L:-:13000459-13000433;2L:-:13000459-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_63030	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	89	1.63E-08	1	1519.713	4.95	Larva	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD
JHU_Ag_67460	MGLAALEEKLPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	138	7.90E-14	1	2198.209	-0.66	Ovary	2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469;2L:-:13000531-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_71251	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	106	3.67E-10	2	1581.742	1.85	Ovary	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_72117	MHKQEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	52	6.64E-05	1	1484.792	-0.99	Pupa	2L:-:13000468-13000433;2L:-:13000468-13000433;2L:-:13000468-13000433;2L:-:13000468-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_72180	IYVMQNYAVK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M4(Oxidation)	70	1.57E-06	1	1244.635	0.43	Malpighian tubule	2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_73180	DLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	86	3.74E-08	1	1443.733	0.05	Midgut	2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_73936	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	68	2.53E-06	2	1581.734	-3.25	Visceras	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_75399	FKIEFTR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	36	0.001352932	2	940.524	-0.83	Pupa	2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_76657	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	84	7.15E-08	2	1232.648	-0.23	Ovary	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_78233	ADNSSSLDAQFVSQSNSFATK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-Term(Acetyl)	113	5.93E-11	2	2246.019	-0.89	Midgut	2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279	exon=> In CDS Exon 1 of transcript AGAP005246-PC;exon=> In CDS Exon 1 of transcript AGAP005246-PE;exon=> In CDS Exon 1 of transcript AGAP005246-PA;exon=> In CDS Exon 1 of transcript AGAP005246-PD

JHU_Ag_78417	KQTVADNYR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	39	0.002104302	2	1094.558	-0.82	Midgut	2L:-:13001041-13001015;2L:-:13001041-13001015;2L:-:13001041-13001015	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_80340	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	90	2.06E-09	1	1239.730	-1	Midgut	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_81823	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	88	2.60E-08	2	1232.647	-1.32	Pupa	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_83187	MHKQEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	56	3.33E-05	2	1500.792	2.94	Larva	2L:-:13000468-13000433;2L:-:13000468-13000433;2L:-:13000468-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_83726	QTVADNYR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	40	0.001503505	2	966.466	1.66	Malpighian tubule	2L:-:13001038-13001015;2L:-:13001038-13001015;2L:-:13001038-13001015	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_84013	GTWTYQFDPSLTRPFPFWLSETESR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	84	5.66E-08	1	3048.458	1.57	Midgut	2L:-:13000735-13000661;2L:-:13000735-13000661;2L:-:13000735-13000661	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_87149	QEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	50	0.000169476	2	1088.598	-1.02	Male reproductive organs	2L:-:13000459-13000433;2L:-:13000459-13000433;2L:-:13000459-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_87355	DLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	75	4.91E-07	2	1443.734	1.06	Pupa	2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_90084	ADNSSSLDAQFVSQSNSFATK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-Term(Acetyl)	56	2.79E-05	2	2246.014	-2.96	Pupa	2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279;2L:-:13001341-13001279	exon=> In CDS Exon 1 of transcript AGAP005246-PC;exon=> In CDS Exon 1 of transcript AGAP005246-PE;exon=> In CDS Exon 1 of transcript AGAP005246-PA;exon=> In CDS Exon 1 of transcript AGAP005246-PD
JHU_Ag_90132	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	85	5.12E-08	1	1232.652	2.74	Larva	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_90827	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	68	2.03E-06	2	1519.703	-1.56	Salivary gland	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD
JHU_Ag_92707	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	81	8.92E-08	1	1211.623	4.78	Larva	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_93350	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	101	1.16E-09	2	1581.745	3.47	Larva	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_93512	IYVMQNYAVK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M4(Oxidation)	83	6.85E-08	1	1244.638	2.68	Larva	2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_97199	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	92	8.07E-09	2	1519.706	0.21	Male reproductive organs	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD
JHU_Ag_98014	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	90	2.12E-09	1	1239.733	1.95	Head	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_101711	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	99	2.01E-09	2	1581.735	-2.55	Pupa	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_102641	IYVMQNYAVK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M4(Oxidation)	65	4.95E-06	1	1244.634	-0.65	Midgut	2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934;2L:-:13000963-13000934	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_103350	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	90	2.34E-09	1	1239.733	1.46	Malpighian tubule	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_103843	MFSDSAEFPDLLEQNEPMK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation), M18(Oxidation)	84	3.17E-08	2	2259.992	5.84	Larva	2L:-:13000268-13000212;2L:-:13000268-13000212;2L:-:13000268-13000212;2L:-:13000268-13000212	exon=> In CDS Exon 3 of transcript AGAP005246-PC;exon=> In CDS Exon 3 of transcript AGAP005246-PE;exon=> In CDS Exon 3 of transcript AGAP005246-PA;exon=> In CDS Exon 3 of transcript AGAP005246-PD
JHU_Ag_106158	LATDSTVNVANK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	75	6.26E-07	2	1232.648	0.06	Malpighian tubule	2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964;2L:-:13000999-13000964	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_107977	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	93	1.10E-09	1	1239.733	1.56	Pupa	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_108145	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	100	1.71E-09	2	1581.742	1.77	Malpighian tubule	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_108177	ADNSSSLDAQFVSQSNSFATKLYQR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	N-Term(Acetyl)	123	8.26E-12	1	2806.335	2.61	Malpighian tubule	2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183;2L:-:13001341-13001344,13000388-13001183	exon=> In CDS Exon 2 and 1 of transcript AGAP005246-PC;exon=> In CDS Exon 2 and 1 of transcript AGAP005246-PE;exon=> In CDS Exon 2 and 1 of transcript AGAP005246-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005246-PD
JHU_Ag_110333	DLNEDLQALGMER	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M11(Oxidation)	108	1.82E-10	1	1519.706	-0.11	Midgut	2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269;2L:-:13000411-13001185,13000142-13000269	exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005246-PD

JHU_Ag_110820	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	71	9.60E-07	2	1211.618	0.65	Pupa	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_110979	SEAESVNFAESAAAAK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	118	2.22E-11	2	1581.738	-0.62	Midgut	2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850;2L:-:13000897-13000850	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_111954	KINGWVEEK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	36	0.004433643	1	1102.592	2.18	Ovary	2L:-:13000849-13000823;2L:-:13000849-13000823;2L:-:13000849-13000823;2L:-:13000849-13000823	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_113349	QTVADNYR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	Q1(Deamidated)	37	0.001853387	1	967.437	-11.35	Midgut	2L:-:13001038-13001015;2L:-:13001038-13001015;2L:-:13001038-13001015;2L:-:13001038-13001015	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_114276	LPTLNLAELAGK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	90	2.24E-09	1	1239.731	-0.12	Ovary	2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469;2L:-:13000504-13000469	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_114777	GAFNAIATGSFR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	77	2.51E-07	1	1211.617	0.15	Ovary	2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898;2L:-:13000933-13000898	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_115359	FKIEFTR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	34	0.002300042	2	940.527	2.22	Ovary	2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412;2L:-:13000432-13000412	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD

JHU_Ag_116826	DLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	52	0.000100308	2	1443.734	1.15	Malpighian tubule	2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766;2L:-:13000804-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_117321	MHKQEVEVFLPK	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	M1(Oxidation)	70	1.50E-06	2	1500.787	-0.39	Midgut	2L:-:13000468-13000433;2L:-:13000468-13000433;2L:-:13000468-13000433;2L:-:13000468-13000433	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_117821	IKDLISPDALDELSR	AGAP005246-PC,AGAP005246-PE,AGAP005246-PA,AGAP005246-PD	-	75	2.84E-07	1	1684.918	3.53	Salivary gland	2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766;2L:-:13000810-13000766	exon=> In CDS Exon 2 of transcript AGAP005246-PC;exon=> In CDS Exon 2 of transcript AGAP005246-PE;exon=> In CDS Exon 2 of transcript AGAP005246-PA;exon=> In CDS Exon 2 of transcript AGAP005246-PD
JHU_Ag_16310	HQQMVYFVGR	AGAP005246-PD	M4(Oxidation)	44	0.000642648	2	1280.624	2.7	Larva	2L:-:12999421-12999392	exon=> In CDS Exon 4 of transcript AGAP005246-PD
JHU_Ag_44804	HQQMVYFVGR	AGAP005246-PD	M4(Oxidation)	48	0.0002876	1	1264.629	2.67	Malpighian tubule	2L:-:12999421-12999392	exon=> In CDS Exon 4 of transcript AGAP005246-PD
JHU_Ag_50818	HQQMVYFVGR	AGAP005246-PD	M4(Oxidation)	57	3.12E-05	1	1264.622	-2.45	Midgut	2L:-:12999421-12999392	exon=> In CDS Exon 4 of transcript AGAP005246-PD
JHU_Ag_66204	HQQMVYFVGR	AGAP005246-PD	M4(Oxidation)	46	0.000469935	1	1280.619	-1.5	Ovary	2L:-:12999421-12999392	exon=> In CDS Exon 4 of transcript AGAP005246-PD
JHU_Ag_114412	HQQMVYFVGR	AGAP005246-PD	M4(Oxidation)	60	1.62E-05	2	1280.620	-0.54	Head	2L:-:12999421-12999392	exon=> In CDS Exon 4 of transcript AGAP005246-PD
JHU_Ag_30838	DSQGNILFIGK	AGAP005246-PE	-	39	0.00198942	1	1191.636	-0.4	Male reproductive organs	2L:-:12996190-12996158	exon=> In CDS Exon 4 of transcript AGAP005246-PE
JHU_Ag_18962	DDYNIMEIFR	AGAP005248-PA	M6(Oxidation)	37	0.001523399	2	1331.601	5.22	Head	2L:+:13117398-13117427	exon=> In CDS Exon 3 of transcript AGAP005248-PA
JHU_Ag_53293	YRPTVEDLYNR	AGAP005248-PA	-	44	0.000613107	3	1425.710	-1.4	Head	2L:+:13100988-13101020	exon=> In CDS Exon 1 of transcript AGAP005248-PA
JHU_Ag_70565	IEDVSEWVFCELPK	AGAP005248-PA	C10(Carbamidomethyl)	56	4.35E-05	2	1750.840	2.51	Head	2L:+:13101402-13101443	exon=> In CDS Exon 2 of transcript AGAP005248-PA
JHU_Ag_39695	NLAYSVQESDIR	AGAP005249-PA	-	51	0.000111394	2	1394.691	0.18	Ovary	2L:-:13127585-13127550	exon=> In CDS Exon 2 of transcript AGAP005249-PA
JHU_Ag_45364	VVITLPLLK	AGAP005250-PA	-	19	0.001929704	1	995.699	12.63	Head	2L:+:13130656-13130682	exon=> In CDS Exon 1 of transcript AGAP005250-PA
JHU_Ag_58089	LLFDLLLR	AGAP005253-PA,AGAP005253-PB,AGAP011238-PA,AGAP011237-PA	-	39	0.000109962	1	1002.638	3.78	Ovary	2L:+:13207481-13207504;2L:+:13207481-13207504;3L:+:19910961-19910984;3L:-:19899879-19899856	exon=> In CDS Exon 1 of transcript AGAP005253-PA;exon=> In CDS Exon 1 of transcript AGAP005253-PB;exon=> In CDS Exon 1 of transcript AGAP011238-PA;exon=> In CDS Exon 2 of transcript AGAP011237-PA
JHU_Ag_101952	EENEENGEDAEEEDEDRL	AGAP005254-PA	N6(Deamidated)	120	9.96E-13	1	2150.815	1.29	Head	2L:-:13228856-13228803	exon=> In CDS Exon 3 of transcript AGAP005254-PA

JHU_Ag_105389	TLANNTVLLLLR	AGAP005254-PA	-	102	4.92E-11	1	1340.827	0.38	Head	2L:-:13230017-13229982	exon=> In CDS Exon 2 of transcript AGAP005254-PA
JHU_Ag_105393	HLSIK	AGAP005254-PA	-	32	0.001621586	1	597.372	0.3	Head	2L:-:13229060-13229046	exon=> In CDS Exon 3 of transcript AGAP005254-PA
JHU_Ag_2576	ENVHVTDVFER	AGAP005255-PA	-	63	7.34E-06	2	1344.656	1.02	Head	2L:-:13244308-13244462,13244027-13244162	exon=> In CDS Exon 4 and 3 of transcript AGAP005255-PA
JHU_Ag_3621	LLIIGNSSVGK	AGAP005255-PA	-	63	2.31E-06	2	1100.668	0.3	Male reproductive organs	2L:-:13244890-13244858	exon=> In CDS Exon 1 of transcript AGAP005255-PA
JHU_Ag_13102	GKQLADQLGVEFFETSAK	AGAP005255-PA	-	35	0.003913262	1	1968.008	0.42	Male reproductive organs	2L:-:13244362-13244309	exon=> In CDS Exon 3 of transcript AGAP005255-PA
JHU_Ag_18559	MSESLDSDPTLVAGGPK	AGAP005255-PA	M1(Oxidation)	119	1.75E-11	1	1719.810	-0.67	Head	2L:-:13244137-13244087	exon=> In CDS Exon 4 of transcript AGAP005255-PA
JHU_Ag_24315	LLIIGNSSVGK	AGAP005255-PA	-	59	6.30E-06	1	1100.665	-1.96	Head	2L:-:13244890-13244858	exon=> In CDS Exon 1 of transcript AGAP005255-PA
JHU_Ag_32989	DASDQNFDYMFK	AGAP005255-PA	M10(Oxidation)	92	1.35E-09	1	1496.602	1.15	Male reproductive organs	2L:-:13244926-13244891	exon=> In CDS Exon 1 of transcript AGAP005255-PA
JHU_Ag_40929	MSESLDSDPTLVAGGPK	AGAP005255-PA	M1(Oxidation)	94	6.28E-09	2	1719.811	0.25	Male reproductive organs	2L:-:13244137-13244087	exon=> In CDS Exon 4 of transcript AGAP005255-PA
JHU_Ag_44661	TYSWDNAQVILVGNK	AGAP005255-PA	-	103	6.51E-10	2	1707.878	4.6	Visceras	2L:-:13244446-13244402	exon=> In CDS Exon 3 of transcript AGAP005255-PA
JHU_Ag_46372	TYSWDNAQVILVGNK	AGAP005255-PA	-	103	7.59E-10	2	1707.871	0.31	Male reproductive organs	2L:-:13244446-13244402	exon=> In CDS Exon 3 of transcript AGAP005255-PA
JHU_Ag_52763	QLADQLGVEFFETSAK	AGAP005255-PA	-	123	6.47E-12	1	1782.893	1.42	Head	2L:-:13244356-13244309	exon=> In CDS Exon 3 of transcript AGAP005255-PA
JHU_Ag_53687	TYSWDNAQVILVGNK	AGAP005255-PA	-	105	5.13E-10	1	1707.875	2.6	Head	2L:-:13244446-13244402	exon=> In CDS Exon 3 of transcript AGAP005255-PA
JHU_Ag_70205	LVDIICDK	AGAP005255-PA	C6(Carbamidomethyl)	53	0.000100776	1	975.516	-2.05	Head	2L:-:13244161-13244138	exon=> In CDS Exon 4 of transcript AGAP005255-PA
JHU_Ag_74969	MSESLDSDPTLVAGGPK	AGAP005255-PA	-	74	6.61E-07	2	1703.819	1.92	Visceras	2L:-:13244137-13244087	exon=> In CDS Exon 4 of transcript AGAP005255-PA
JHU_Ag_78744	YADDSFTSAFVSTVGIDFK	AGAP005255-PA	-	117	2.66E-11	2	2069.975	2.34	Head	2L:-:13244839-13244783	exon=> In CDS Exon 1 of transcript AGAP005255-PA
JHU_Ag_90404	DASDQNFDYMFK	AGAP005255-PA	M10(Oxidation)	89	2.48E-09	1	1496.604	2.78	Head	2L:-:13244926-13244891	exon=> In CDS Exon 1 of transcript AGAP005255-PA
JHU_Ag_108496	GKQLADQLGVEFFETSAK	AGAP005255-PA	-	132	9.11E-13	1	1968.008	0.43	Head	2L:-:13244362-13244309	exon=> In CDS Exon 3 of transcript AGAP005255-PA
JHU_Ag_108818	ENVHVTDVFER	AGAP005255-PA	-	51	0.000101903	2	1344.655	0.21	Male reproductive organs	2L:-:13244308-13244462,13244027-13244162	exon=> In CDS Exon 4 and 3 of transcript AGAP005255-PA
JHU_Ag_117292	QLADQLGVEFFETSAK	AGAP005255-PA	-	73	6.12E-07	2	1782.893	1.42	Visceras	2L:-:13244356-13244309	exon=> In CDS Exon 3 of transcript AGAP005255-PA
JHU_Ag_81217	TITTAYYR	AGAP005255-PA,AGAP001211-PA	-	36	0.003625873	1	988.510	0.35	Male reproductive organs	2L:-:13244638-13244615;2R:+:1588237-1588260	exon=> In CDS Exon 2 of transcript AGAP005255-PA;exon=> In CDS Exon 3 of transcript AGAP001211-PA
JHU_Ag_84337	TITTAYYR	AGAP005255-PA,AGAP001211-PA	-	38	0.002961756	1	988.508	-1.49	Head	2L:-:13244638-13244615;2R:+:1588237-1588260	exon=> In CDS Exon 2 of transcript AGAP005255-PA;exon=> In CDS Exon 3 of transcript AGAP001211-PA
JHU_Ag_87390	LVVVYAKK	AGAP005256-PA	-	19	0.001884045	1	919.598	0.56	Malpighian tubule	2L:-:13245787-13245764	exon=> In CDS Exon 3 of transcript AGAP005256-PA
JHU_Ag_91961	NVSPALDLGYFVR	AGAP005257-PA	-	58	1.83E-05	2	1450.769	0.01	Head	2L:+:13293437-13293475	exon=> In CDS Exon 6 of transcript AGAP005257-PA
JHU_Ag_30580	APESGLLKPDLVILLTLSMDALAR	AGAP005260-PA	M19(Oxidation)	98	2.95E-10	1	2552.440	1.07	Ovary	2L:-:13356939-13356868	exon=> In CDS Exon 2 of transcript AGAP005260-PA
JHU_Ag_37995	AIDADKTFDDVTAVLYEEVLR	AGAP005260-PA	-	65	4.29E-06	1	2383.206	1.2	Ovary	2L:-:13356771-13356709	exon=> In CDS Exon 2 of transcript AGAP005260-PA

JHU_Ag_39322	KDDFTDEGIHLLFTLNR	AGAP005260-PA	-	113	6.81E-11	1	2034.037	3.74	Ovary	2L:-:13357113-13357063	exon=> In CDS Exon 2 of transcript AGAP005260-PA
JHU_Ag_58740	SSSDALVAHLR	AGAP005262-PA	-	105	2.81E-10	2	1155.610	-1.87	Head	2L:-:13366088-13366056	exon=> In CDS Exon 4 of transcript AGAP005262-PA
JHU_Ag_69018	SMHYLYSTPLLK	AGAP005262-PA	M2(Oxidation)	55	3.88E-05	1	1468.750	-0.14	Head	2L:-:13367075-13367040	exon=> In CDS Exon 2 of transcript AGAP005262-PA
JHU_Ag_26003	SRLPLGLLIHPFR	AGAP005263-PA	-	25	0.001634416	1	1518.932	3.71	Salivary gland	2L:+:13382564-13382602	exon=> In CDS Exon 2 of transcript AGAP005263-PA
JHU_Ag_33862	LPLGLLIHPFR	AGAP005263-PA	-	37	8.99E-05	2	1275.791	-1.74	Midgut	2L:+:13382570-13382602	exon=> In CDS Exon 2 of transcript AGAP005263-PA
JHU_Ag_51428	FVDDRNPNSLSYYEFLQHLSTQVK	AGAP005263-PA	-	46	0.000345252	1	2900.431	3.23	Malpighian tubule	2L:+:13385627-13385698	exon=> In CDS Exon 14 of transcript AGAP005263-PA
JHU_Ag_89040	TGFNSLWGTNAVDLLQNR	AGAP005263-PA	-	58	2.36E-05	2	2006.006	-1.41	Salivary gland	2L:+:13382292-13382345	exon=> In CDS Exon 1 of transcript AGAP005263-PA
JHU_Ag_109880	LPLGLLIHPFR	AGAP005263-PA	-	85	1.56E-09	1	1275.795	1.22	Malpighian tubule	2L:+:13382570-13382602	exon=> In CDS Exon 2 of transcript AGAP005263-PA
JHU_Ag_16940	KPAVEK	AGAP005264-PA,AGAP005266-PA	-	34	0.001304046	1	671.408	-0.36	Male reproductive organs	2L:-:13392848-13392831;2L:-:13420751-13420734	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA
JHU_Ag_41611	KPAVEK	AGAP005264-PA,AGAP005266-PA	-	31	0.002688524	1	671.409	0.55	Ovary	2L:-:13392848-13392831;2L:-:13420751-13420734	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA
JHU_Ag_71782	KPAVEK	AGAP005264-PA,AGAP005266-PA	-	31	0.003245584	1	671.405	-5.64	Head	2L:-:13392848-13392831;2L:-:13420751-13420734	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA
JHU_Ag_93409	KPAAPK	AGAP005264-PA,AGAP005266-PA	-	38	0.000156402	1	611.387	-1.28	Head	2L:-:13392629-13392612;2L:-:13420532-13420515	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA
JHU_Ag_14130	LATFLKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	44	2.42E-05	2	820.529	-0.72	Male reproductive organs	2L:-:13392959-13392939;2L:-:13420862-13420842;2L:-:13401305-13401285	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_22686	LATFLK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	31	0.000703751	1	692.433	-1.63	Head	2L:-:13392959-13392942;2L:-:13420862-13420845;2L:-:13401305-13401288	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_32783	LATFLKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	43	2.74E-05	1	820.533	4.93	Salivary gland	2L:-:13392959-13392939;2L:-:13420862-13420842;2L:-:13401305-13401285	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_35114	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-Term(Acetyl)	108	2.33E-10	1	1867.941	0.47	Salivary gland	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA

JHU_Ag_55915	QPAAHPPVNEMLLAAVK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	M11(Oxidation)	39	0.001103131	3	1785.975	3.66	Head	2L:-:13393091-13393041;2L:-:13420994-13420944;2L:-:13401437-13401387	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_56949	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-Term(Acetyl)	75	4.41E-07	1	1867.941	0.47	Male reproductive organs	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_57496	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-Term(Acetyl)	121	1.12E-11	1	1867.943	1.78	Ovary	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_74080	LATFLKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	32	0.000356749	2	820.529	-0.2	Pupa	2L:-:13392959-13392939;2L:-:13420862-13420842;2L:-:13401305-13401285	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_75791	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-Term(Acetyl)	51	0.000113147	2	1867.941	0.73	Pupa	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_77770	QPAAHPPVNEMLLAAVK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	M11(Oxidation)	56	2.49E-05	1	1801.963	-0.29	Ovary	2L:-:13393091-13393041;2L:-:13420994-13420944;2L:-:13401437-13401387	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_89561	LATFLKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	41	4.62E-05	2	820.529	0.17	Visceras	2L:-:13392959-13392939;2L:-:13420862-13420842;2L:-:13401305-13401285	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_91597	LATFLKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	47	1.20E-05	1	820.531	2.33	Head	2L:-:13392959-13392939;2L:-:13420862-13420842;2L:-:13401305-13401285	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_96083	QPAAHPPVNEMLLAAVK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	M11(Oxidation)	41	0.000863428	1	1801.966	1.54	Visceras	2L:-:13393091-13393041;2L:-:13420994-13420944;2L:-:13401437-13401387	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA

JHU_Ag_96491	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-Term(Acetyl)	83	7.51E-08	1	1867.941	0.6	Visceras	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_107700	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-Term(Acetyl)	88	2.09E-08	2	1867.945	2.56	Malpighian tubule	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_116771	ADSAATEVPAAAAAAPAATAK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N-Term(Acetyl)	91	1.12E-08	1	1867.944	2.5	Head	2L:-:13393199-13393137;2L:-:13421102-13421040;2L:-:13401545-13401483	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_226	NGSSLQAIKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP010461-PA,AGAP011193-PA	N1(Deamidated)	55	3.62E-05	2	1046.583	-1.35	Malpighian tubule	2L:-:13393025-13392996;2L:-:13420928-13420899;2L:-:13401371-13401342;3L:+:3933887-3933916;3L:-:18930997-18930968	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_24672	NGSSLQAIK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP010461-PA,AGAP011193-PA	N1(Deamidated)	52	0.000121073	2	918.490	0.79	Salivary gland	2L:-:13393025-13392999;2L:-:13420928-13420902;2L:-:13401371-13401345;3L:+:3933887-3933913;3L:-:18930997-18930971	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_34525	NGSSLQAIKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP010461-PA,AGAP011193-PA	N1(Deamidated)	66	3.33E-06	1	1046.586	1.8	Male reproductive organs	2L:-:13393025-13392996;2L:-:13420928-13420899;2L:-:13401371-13401342;3L:+:3933887-3933916;3L:-:18930997-18930968	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA

JHU_Ag_72261	NGSSLQAIK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP010461-PA,AGAP011193-PA	N1(Deamidated)	74	6.11E-07	2	917.509	3.86	Head	2L:-:13393025-13392999;2L:-:13420928-13420902;2L:-:13401371-13401345;3L:+:3933887-3933913;3L:-:18930997-18930971	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_74233	NGSSLQAIK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP010461-PA,AGAP011193-PA	N1(Deamidated)	55	5.26E-05	2	918.485	-4.39	Male reproductive organs	2L:-:13393025-13392999;2L:-:13420928-13420902;2L:-:13401371-13401345;3L:+:3933887-3933913;3L:-:18930997-18930971	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_85310	NGSSLQAIKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP010461-PA,AGAP011193-PA	N1(Deamidated)	70	1.45E-06	1	1046.584	-0.41	Salivary gland	2L:-:13393025-13392996;2L:-:13420928-13420899;2L:-:13401371-13401342;3L:+:3933887-3933916;3L:-:18930997-18930968	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_87594	NGSSLQAIKK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP010461-PA,AGAP011193-PA	N1(Deamidated)	49	0.000124198	2	1045.604	3.45	Head	2L:-:13393025-13392996;2L:-:13420928-13420899;2L:-:13401371-13401342;3L:+:3933887-3933916;3L:-:18930997-18930968	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_18777	YVAANYK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP011193-PA	-	46	0.000197183	1	828.428	3.55	Head	2L:-:13392995-13392975;2L:-:13420898-13420878;2L:-:13401341-13401321;3L:-:18930967-18930947	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_35548	YVAANYK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP011193-PA	-	52	5.51E-05	1	828.425	-0.29	Male reproductive organs	2L:-:13392995-13392975;2L:-:13420898-13420878;2L:-:13401341-13401321;3L:-:18930967-18930947	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA

JHU_Ag_53364	KYVAANYK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP011193-PA	-	42	0.000491323	1	956.521	1.53	Male reproductive organs	2L:-:13392998-13392975;2L:-:13420901-13420878;2L:-:13401344-13401321;3L:-:18930970-18930947	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_102678	YVAANYKADVTK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP011193-PA	-	68	1.93E-06	1	1342.703	2.32	Malpighian tubule	2L:-:13392995-13392960;2L:-:13420898-13420863;2L:-:13401341-13401306;3L:-:18930967-18930932	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_104080	YVAANYK	AGAP005264-PA,AGAP005266-PA,AGAP005265-PA,AGAP011193-PA	-	45	0.000250089	1	828.427	2.66	Salivary gland	2L:-:13392995-13392975;2L:-:13420898-13420878;2L:-:13401341-13401321;3L:-:18930967-18930947	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_43213	GTGASGSFKLSAAAK	AGAP005264-PA,AGAP005266-PA,AGAP011193-PA	-	59	1.02E-05	1	1352.720	2.55	Malpighian tubule	2L:-:13392893-13392849;2L:-:13420796-13420752;3L:-:18930865-18930821	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_45688	KPAGEK	AGAP005264-PA,AGAP005266-PA,AGAP011193-PA	-	32	0.002129912	1	629.361	-0.66	Head	2L:-:13392761-13392744;2L:-:13420664-13420647;3L:-:18930742-18930725	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_77113	GTGASGSFK	AGAP005264-PA,AGAP005266-PA,AGAP011193-PA	-	37	0.002287779	1	811.395	0.17	Salivary gland	2L:-:13392893-13392867;2L:-:13420796-13420770;3L:-:18930865-18930839	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_83835	KADGAAAK	AGAP005264-PA,AGAP005266-PA,AGAP011193-PA	-	43	0.001340888	1	731.405	0.73	Head	2L:-:13392716-13392693;2L:-:13420619-13420596;3L:-:18930697-18930674	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_99081	GTGASGSFK	AGAP005264-PA,AGAP005266-PA,AGAP011193-PA	-	41	0.000859833	1	811.394	-0.72	Head	2L:-:13392893-13392867;2L:-:13420796-13420770;3L:-:18930865-18930839	exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_95981	GFLTILK	AGAP005267-PA	-	33	0.000744938	1	791.503	0.72	Ovary	2L:+:13494097-13494117	exon=> In CDS Exon 1 of transcript AGAP005267-PA

JHU_Ag_70893	ILLLGLDNAGK	AGAP005267-PA,AGAP004496-PA	-	48	4.35E-05	2	1126.688	4.16	Malpighian tubule	2L:+:13494148-13494158,13494232-13494253;2R:+:57072276-57072308	exon=> In CDS Exon 1 and 2 of transcript AGAP005267-PA;exon=> In CDS Exon 1 of transcript AGAP004496-PA
JHU_Ag_58720	GVIEVKPLGVIWGK	AGAP005270-PA	-	44	6.99E-05	1	1494.908	2.53	Male reproductive organs	2L:-:13503149-13503108	exon=> In CDS Exon 4 of transcript AGAP005270-PA
JHU_Ag_63977	LLGVTDEAR	AGAP005270-PA	-	40	0.001797079	2	973.528	-3.05	Ovary	2L:-:13503239-13503213	exon=> In CDS Exon 4 of transcript AGAP005270-PA
JHU_Ag_86276	LGAMDLKPNFK	AGAP005270-PA	M4(Oxidation)	51	0.00011253	1	1249.660	-0.54	Male reproductive organs	2L:-:13503811-13503779	exon=> In CDS Exon 2 of transcript AGAP005270-PA
JHU_Ag_84058	IVYASDTPDSIDYKPHQFIAGR	AGAP005272-PA	-	66	3.24E-06	1	2493.258	6.68	Ovary	2L:+:13507330-13507387,13507469-13507476	exon=> In CDS Exon 3 and 4 of transcript AGAP005272-PA
JHU_Ag_3527	EQLLLK	AGAP005273-PA	-	36	0.00249366	1	743.467	1.38	Visceras	2L:+:13516446-13516463	exon=> In CDS Exon 3 of transcript AGAP005273-PA
JHU_Ag_109229	EQLLLK	AGAP005273-PA	-	36	0.000885247	1	743.465	-1.74	Male reproductive organs	2L:+:13516446-13516463	exon=> In CDS Exon 3 of transcript AGAP005273-PA
JHU_Ag_39856	VSSFAVPSLQHLHQPLVNR	AGAP005277-PA	-	68	8.59E-07	1	2129.169	3.45	Head	2L:-:13555099-13555043	exon=> In CDS Exon 2 of transcript AGAP005277-PA
JHU_Ag_88078	RQITIEQMLEK	AGAP005277-PA	Q2(Deamidated), Q7(Deamidated), M8(Oxidation)	45	0.00057529	1	1406.715	-3.19	Salivary gland	2L:-:13555351-13555319	exon=> In CDS Exon 2 of transcript AGAP005277-PA
JHU_Ag_12547	QVFIGQIVHSK	AGAP005282-PA	-	41	0.000436322	1	1255.716	0.2	Ovary	2L:+:13620686-13620718	exon=> In CDS Exon 1 of transcript AGAP005282-PA
JHU_Ag_14565	VQLLLELVQK	AGAP005282-PA	-	77	1.96E-08	2	1182.746	-0.14	Midgut	2L:+:13622269-13622298	exon=> In CDS Exon 5 of transcript AGAP005282-PA
JHU_Ag_39693	GTSVAHCPSSNTNLGSGFCDVR	AGAP005282-PA	C7(Carbamidomethyl), C19(Carbamidomethyl)	73	4.66E-07	1	2323.020	0.17	Visceras	2L:+:13621762-13621827	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_48003	QVFIGQIVHSK	AGAP005282-PA	-	28	0.007086845	1	1255.728	10.12	Malpighian tubule	2L:+:13620686-13620718	exon=> In CDS Exon 1 of transcript AGAP005282-PA
JHU_Ag_49819	ILVDEMVR	AGAP005282-PA	M6(Oxidation)	46	0.000374271	1	990.529	0.13	Ovary	2L:+:13621265-13621288	exon=> In CDS Exon 3 of transcript AGAP005282-PA
JHU_Ag_50406	TVLAHGVHLEDAELK	AGAP005282-PA	-	99	1.30E-09	1	1631.876	0.48	Ovary	2L:+:13621702-13621746	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_52141	FVYVGDDR	AGAP005282-PA	-	52	5.13E-05	2	970.463	-0.29	Ovary	2L:+:13622299-13622322	exon=> In CDS Exon 5 of transcript AGAP005282-PA
JHU_Ag_52245	QQYPSAPHYSGVYDEVGLLTDR	AGAP005282-PA	-	129	1.92E-12	1	2495.185	0.54	Ovary	2L:+:13621636-13621701	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_52949	KSDLVQPVITPR	AGAP005282-PA	-	73	1.22E-07	2	1352.790	0.29	Malpighian tubule	2L:+:13621483-13621518	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_58152	FVYVGDDRNIVK	AGAP005282-PA	-	38	0.001816307	3	1424.754	0.15	Malpighian tubule	2L:+:13622299-13622334	exon=> In CDS Exon 5 of transcript AGAP005282-PA
JHU_Ag_66632	QALFLATLGGAQALALDEK	AGAP005282-PA	-	67	1.30E-06	2	1930.063	-1.02	Ovary	2L:+:13622032-13622068,13622138-13622157	exon=> In CDS Exon 4 and 5 of transcript AGAP005282-PA
JHU_Ag_71589	VQLLLELVQK	AGAP005282-PA	-	58	1.41E-06	2	1182.743	-1.89	Pupa	2L:+:13622269-13622298	exon=> In CDS Exon 5 of transcript AGAP005282-PA
JHU_Ag_75434	VQLLLELVQK	AGAP005282-PA	-	85	2.45E-09	1	1182.746	0.28	Malpighian tubule	2L:+:13622269-13622298	exon=> In CDS Exon 5 of transcript AGAP005282-PA
JHU_Ag_80784	QFDALLIDTEPQPIGGYK	AGAP005282-PA	-	78	2.63E-07	2	2005.027	-0.62	Midgut	2L:+:13622182-13622235	exon=> In CDS Exon 5 of transcript AGAP005282-PA
JHU_Ag_88360	KSDLVQPVITPR	AGAP005282-PA	-	54	1.01E-05	1	1352.789	-0.79	Male reproductive organs	2L:+:13621483-13621518	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_90940	VQLLLELVQK	AGAP005282-PA	-	79	1.18E-08	1	1182.745	-0.55	Ovary	2L:+:13622269-13622298	exon=> In CDS Exon 5 of transcript AGAP005282-PA

JHU_Ag_104952	FAITCDEPLMR	AGAP005282-PA	C5(Carbamidomethyl), M10(Oxidation)	43	0.000699321	1	1368.630	0.8	Ovary	2L:+:13621519-13621551	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_112402	LEQSAALKGEK	AGAP005282-PA	-	61	1.15E-05	2	1173.649	1.51	Male reproductive organs	2L:+:13621978-13622010	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_114998	QVFIGQIVHSK	AGAP005282-PA	-	27	0.009358281	1	1255.726	8.14	Head	2L:+:13620686-13620718	exon=> In CDS Exon 1 of transcript AGAP005282-PA
JHU_Ag_117156	KSDLVQPVITPR	AGAP005282-PA	-	30	0.002709224	2	1352.787	-1.69	Midgut	2L:+:13621483-13621518	exon=> In CDS Exon 4 of transcript AGAP005282-PA
JHU_Ag_24733	YSSLSDGERQNITATMEK	AGAP005283-PA	Q10(Deamidated), N11(Deamidated), M16(Oxidation)	35	0.003684341	1	2047.941	14.11	Pupa	2L:+:13626069-13626122	exon=> In CDS Exon 5 of transcript AGAP005283-PA
JHU_Ag_29967	QADRILR	AGAP005283-PA	-	39	0.001645636	2	871.524	14.89	Salivary gland	2L:+:13624543-13624563	exon=> In CDS Exon 1 of transcript AGAP005283-PA
JHU_Ag_105047	SFSSLLVQPPVSSGPPK	AGAP005283-PA	-	37	0.001911977	1	1726.947	5.79	Midgut	2L:+:13625510-13625560	exon=> In CDS Exon 3 of transcript AGAP005283-PA
JHU_Ag_31971	GGSGGKAGEFGQGK	AGAP005285-PA	Q12(Deamidated)	40	0.001359306	1	1237.588	5.68	Larva	2L:+:13647922-13647963	exon=> In CDS Exon 4 of transcript AGAP005285-PA
JHU_Ag_67362	GGSGGKAGEFGQGK	AGAP005285-PA	Q12(Deamidated)	39	0.001556441	1	1237.585	3.17	Pupa	2L:+:13647922-13647963	exon=> In CDS Exon 4 of transcript AGAP005285-PA
JHU_Ag_115919	GGSGGKAGEFGQGK	AGAP005285-PA	Q12(Deamidated)	37	0.003011068	1	1237.585	3.27	Salivary gland	2L:+:13647922-13647963	exon=> In CDS Exon 4 of transcript AGAP005285-PA
JHU_Ag_10687	VYLLPDKSK	AGAP005288-PC,AGAP005288-PB,AGAP005288-PA	-	32	0.003424287	1	1062.620	0.13	Male reproductive organs	2L:+:13708182-13708208;2L:+:13708182-13708208;2L:+:13708182-13708208	exon=> In CDS Exon 3 of transcript AGAP005288-PC;exon=> In CDS Exon 7 of transcript AGAP005288-PB;exon=> In CDS Exon 4 of transcript AGAP005288-PA
JHU_Ag_87535	HTLNPVFDEVLR	AGAP005288-PC,AGAP005288-PB,AGAP005288-PA	-	32	0.006412164	3	1439.760	-2.65	Head	2L:+:13708239-13708274;2L:+:13708239-13708274;2L:+:13708239-13708274	exon=> In CDS Exon 3 of transcript AGAP005288-PC;exon=> In CDS Exon 7 of transcript AGAP005288-PB;exon=> In CDS Exon 4 of transcript AGAP005288-PA
JHU_Ag_82487	LHPIEAERELEMFMYAVHK	AGAP005290-PA	M12(Oxidation),M14(Oxidation)	35	0.005582105	1	2359.161	1.45	Ovary	2L:-:13727256-13727200	exon=> In CDS Exon 2 of transcript AGAP005290-PA
JHU_Ag_13542	LHDATAEGGSAGGASSTSGAPGK	AGAP005291-PA	-	39	0.001411065	1	1985.915	-0.5	Visceras	2L:+:13740225-13740293	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_16583	VTPSIEPAPIPANDTR	AGAP005291-PA	-	37	0.002414933	1	1677.883	1.43	Male reproductive organs	2L:+:13740549-13740596	exon=> In CDS Exon 2 of transcript AGAP005291-PA
JHU_Ag_17322	VPLSNELDVK	AGAP005291-PA	-	63	4.27E-06	1	1113.619	3.15	Ovary	2L:+:13739811-13739840	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_36793	NNTPDELEDDANFVPVVSHHKR	AGAP005291-PA	-	86	3.94E-08	1	2533.221	5.77	Ovary	2L:+:13739841-13739906	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_36983	NNTPDELEDDANFVPVVSHHK	AGAP005291-PA	-	60	1.42E-05	2	2377.111	2.43	Ovary	2L:+:13739841-13739903	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_40452	ATGSAVSSTSTAGVQPK	AGAP005291-PA	-	86	4.95E-08	2	1548.787	0.45	Male reproductive organs	2L:+:13741255-13741305	exon=> In CDS Exon 3 of transcript AGAP005291-PA
JHU_Ag_50488	ATGSAVSSTSTAGVQPK	AGAP005291-PA	-	96	4.63E-09	1	1548.791	2.97	Malpighian tubule	2L:+:13741255-13741305	exon=> In CDS Exon 3 of transcript AGAP005291-PA
JHU_Ag_68025	SSQSHPQQAPAQQQQQQQQAK	AGAP005291-PA	-	97	3.41E-09	1	2361.131	0.61	Ovary	2L:+:13743602-13743664	exon=> In CDS Exon 4 of transcript AGAP005291-PA
JHU_Ag_74563	SSQSHPQQAPAQQQQQQQQAK	AGAP005291-PA	-	107	3.02E-10	1	2361.139	4.18	Malpighian tubule	2L:+:13743602-13743664	exon=> In CDS Exon 4 of transcript AGAP005291-PA
JHU_Ag_79728	NNTPDELEDDANFVPVVSHHK	AGAP005291-PA	-	34	0.005832827	1	2377.101	-2.01	Head	2L:+:13739841-13739903	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_82919	QANSDGATTDTAASEQATATTSQSRPHSR	AGAP005291-PA	-	35	0.003647505	1	2947.354	5.7	Malpighian tubule	2L:+:13741639-13741725	exon=> In CDS Exon 3 of transcript AGAP005291-PA

JHU_Ag_84741	VTPSIEPAPIPANDTR	AGAP005291-PA	-	78	1.80E-07	1	1677.882	0.63	Ovary	2L:+:13740549-13740596	exon=> In CDS Exon 2 of transcript AGAP005291-PA
JHU_Ag_91288	TADEASARASTAR	AGAP005291-PA	-	35	0.004979521	2	1306.641	4.7	Midgut	2L:+:13741471-13741509	exon=> In CDS Exon 3 of transcript AGAP005291-PA
JHU_Ag_91417	TADEASARASTAR	AGAP005291-PA	-	38	0.002892674	2	1306.640	3.86	Head	2L:+:13741471-13741509	exon=> In CDS Exon 3 of transcript AGAP005291-PA
JHU_Ag_96040	VPLSNELDVK	AGAP005291-PA	-	47	0.00017788	1	1113.614	-0.91	Malpighian tubule	2L:+:13739811-13739840	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_100117	LHDATAEGGSAGGASSTSGAPGK	AGAP005291-PA	-	114	5.52E-11	2	1985.924	4.08	Ovary	2L:+:13740225-13740293	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_101931	VTPSIEPAPIPANDTR	AGAP005291-PA	-	48	0.000193049	1	1677.882	0.63	Salivary gland	2L:+:13740549-13740596	exon=> In CDS Exon 2 of transcript AGAP005291-PA
JHU_Ag_107133	LHDATAEGGSAGGASSTSGAPGK	AGAP005291-PA	-	72	8.80E-07	2	1985.920	2.12	Malpighian tubule	2L:+:13740225-13740293	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_107305	LHDATAEGGSAGGASSTSGAPGK	AGAP005291-PA	-	60	1.23E-05	1	1985.916	-0.13	Male reproductive organs	2L:+:13740225-13740293	exon=> In CDS Exon 1 of transcript AGAP005291-PA
JHU_Ag_117312	VTPSIEPAPIPANDTR	AGAP005291-PA	-	63	6.37E-06	2	1677.885	2.37	Malpighian tubule	2L:+:13740549-13740596	exon=> In CDS Exon 2 of transcript AGAP005291-PA
JHU_Ag_2976	TNAAPAAQPPPAESGK	AGAP005291-PA,AGAP005291-PB	-	44	0.000837811	2	1506.756	0.75	Male reproductive organs	2L:+:13743233-13743280;2L:+:13743233-13743280	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_5709	FWSFFLR	AGAP005291-PA,AGAP005291-PB	-	40	0.001979093	2	1002.520	0.36	Midgut	2L:+:13744856-13744876;2L:+:13744856-13744876	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_7800	IINDGLYNYEEDLLTSK	AGAP005291-PA,AGAP005291-PB	-	103	7.48E-10	1	1999.992	3.27	Ovary	2L:+:13744151-13744201;2L:+:13744151-13744201	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_11309	MDPEGFLPVTLIASFHR	AGAP005291-PA,AGAP005291-PB	M1(Oxidation)	89	1.88E-08	1	1945.994	5.15	Ovary	2L:+:13742648-13742698;2L:+:13742648-13742698	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_26477	FNSIEDFR	AGAP005291-PA,AGAP005291-PB	-	41	0.000740948	2	1027.489	4.44	Ovary	2L:+:13745252-13745275;2L:+:13745252-13745275	exon=> In CDS Exon 5 of transcript AGAP005291-PA;exon=> In CDS Exon 4 of transcript AGAP005291-PB
JHU_Ag_26575	SAEENLNPDVPEFVPAAAQVENKPPK	AGAP005291-PA,AGAP005291-PB	-	43	0.00070322	1	2790.400	1.95	Visceras	2L:+:13743281-13743358;2L:+:13743281-13743358	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_28244	VQALTDDIDIITEAIK	AGAP005291-PA,AGAP005291-PB	-	71	6.21E-07	2	1757.962	5.12	Head	2L:+:13742699-13742746;2L:+:13742699-13742746	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_28413	SAEENLNPDVPEFVPAAAQVENKPPK	AGAP005291-PA,AGAP005291-PB	-	64	5.80E-06	1	2790.405	3.59	Ovary	2L:+:13743281-13743358;2L:+:13743281-13743358	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_38802	TNAAPAAQPPPAESGKSAEENLNPDVPEFVPAAAQVENKPPK	AGAP005291-PA,AGAP005291-PB	-	40	0.000805995	1	4278.142	2.5	Malpighian tubule	2L:+:13743233-13743358;2L:+:13743233-13743358	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_39399	IINDGLYNYEEDLLTSK	AGAP005291-PA,AGAP005291-PB	-	45	0.000500251	2	1999.991	2.66	Salivary gland	2L:+:13744151-13744201;2L:+:13744151-13744201	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_42457	YGLECLFR	AGAP005291-PA,AGAP005291-PB	C5(Carbamidomethyl)	50	0.000104767	2	1057.517	3.15	Ovary	2L:+:13744949-13744972;2L:+:13744949-13744972	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_54699	VQALTDDIDIITEAIK	AGAP005291-PA,AGAP005291-PB	-	93	4.10E-09	1	1757.953	-0.23	Midgut	2L:+:13742699-13742746;2L:+:13742699-13742746	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB

JHU_Ag_55122	KMDPEGFLPVTLIASFHR	AGAP005291-PA,AGAP005291-PB	M2(Oxidation)	84	4.17E-08	1	2074.088	4.19	Ovary	2L:+:13742645-13742698;2L:+:13742645-13742698	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_66230	VQALTDDIDIITEAIK	AGAP005291-PA,AGAP005291-PB	-	50	7.67E-05	2	1757.979	14.91	Malpighian tubule	2L:+:13742699-13742746;2L:+:13742699-13742746	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_71006	ILSSIPPPPLPR	AGAP005291-PA,AGAP005291-PB	-	34	0.000600 46	2	1286.784	0.84	Male reproductive organs	2L:+:13743086-13743121;2L:+:13743086-13743121	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_73193	SVSESEGVAVVVGSAPGPSHAGSHAYQAGGSR	AGAP005291-PA,AGAP005291-PB	-	99	1.61E-09	1	2994.442	3.89	Ovary	2L:+:13745354-13745449;2L:+:13745354-13745449	exon=> In CDS Exon 5 of transcript AGAP005291-PA;exon=> In CDS Exon 4 of transcript AGAP005291-PB
JHU_Ag_73708	YGLECLFR	AGAP005291-PA,AGAP005291-PB	C5(Carbamidomethyl)	41	0.000785 674	2	1057.512	-1.82	Salivary gland	2L:+:13744949-13744972;2L:+:13744949-13744972	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_80880	HLNNPPVESHVGWVLDAVEHRPR	AGAP005291-PA,AGAP005291-PB	-	66	2.64E-06	1	2658.387	8.45	Ovary	2L:+:13744571-13744639;2L:+:13744571-13744639	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_81326	TGSFGDSTQVMR	AGAP005291-PA,AGAP005291-PB	M11(Oxidation)	39	0.000986 932	2	1301.584	3.97	Ovary	2L:+:13745981-13746016;2L:+:13745981-13746016	exon=> In CDS Exon 6 of transcript AGAP005291-PA;exon=> In CDS Exon 5 of transcript AGAP005291-PB
JHU_Ag_84279	DEFVDPITPR	AGAP005291-PA,AGAP005291-PB	-	54	5.52E-05	2	1188.590	0.56	Malpighian tubule	2L:+:13744526-13744555;2L:+:13744526-13744555	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_84896	IINDGLYNYEEDLLTSK	AGAP005291-PA,AGAP005291-PB	-	69	1.80E-06	2	1999.989	1.56	Malpighian tubule	2L:+:13744151-13744201;2L:+:13744151-13744201	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_87110	TTSIGSSAGTSPTASSYGSLPHSLPVFQHPSHALLK	AGAP005291-PA,AGAP005291-PB	-	116	1.53E-11	1	3620.853	5.25	Ovary	2L:+:13744640-13744747;2L:+:13744640-13744747	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_94764	VQALTDDIDIITEAIK	AGAP005291-PA,AGAP005291-PB	Q2(Deamidated)	133	3.43E-13	1	1757.960	3.94	Ovary	2L:+:13742699-13742746;2L:+:13742699-13742746	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_95039	SAEENLNPDVPEFVPAAAQVENKPPK	AGAP005291-PA,AGAP005291-PB	-	53	6.72E-05	1	2790.397	0.71	Male reproductive organs	2L:+:13743281-13743358;2L:+:13743281-13743358	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 2 of transcript AGAP005291-PB
JHU_Ag_95370	MGPGQSQEMNTLFR	AGAP005291-PA,AGAP005291-PB	M1(Oxidation), M9(Oxidation)	46	0.000222 377	2	1627.720	0	Midgut	2L:+:13744814-13744855;2L:+:13744814-13744855	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_100618	QLAIEDAAEGFR	AGAP005291-PA,AGAP005291-PB	-	71	1.20E-06	1	1319.664	3.63	Ovary	2L:+:13744913-13744948;2L:+:13744913-13744948	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_102379	HQQQTSQYAAGAHK	AGAP005291-PA,AGAP005291-PB	-	85	4.53E-08	1	1554.747	4.21	Ovary	2L:+:13746164-13746205;2L:+:13746164-13746205	exon=> In CDS Exon 6 of transcript AGAP005291-PA;exon=> In CDS Exon 5 of transcript AGAP005291-PB
JHU_Ag_103423	TVNLISQEEYDKLVTKPTK	AGAP005291-PA,AGAP005291-PB	-	40	0.000609 329	1	2206.199	1.05	Ovary	2L:+:13744241-13744297;2L:+:13744241-13744297	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_108717	YGLECLFR	AGAP005291-PA,AGAP005291-PB	C5(Carbamidomethyl)	57	1.81E-05	2	1057.513	-0.43	Male reproductive organs	2L:+:13744949-13744972;2L:+:13744949-13744972	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_111148	FYAVNKDEFVDPITPR	AGAP005291-PA,AGAP005291-PB	-	35	0.004234 985	1	1910.964	-0.55	Ovary	2L:+:13744508-13744555;2L:+:13744508-13744555	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB

JHU_Ag_115784	LLIVTQITNR	AGAP005291-PA,AGAP005291-PB	-	55	7.58E-06	2	1170.722	0.92	Ovary	2L:+:13744046-13744075;2L:+:13744046-13744075	exon=> In CDS Exon 4 of transcript AGAP005291-PA;exon=> In CDS Exon 3 of transcript AGAP005291-PB
JHU_Ag_68130	EAATHAIVAVHNSEINSQTVK	AGAP005292-PA	-	79	1.40E-07	1	2219.137	-1.9	Head	2L:-:13766212-13766150	exon=> In CDS Exon 6 of transcript AGAP005292-PA
JHU_Ag_2005	IFNPTYPDLNHLISVTMSGVTTCLR	AGAP005293-PA	C23(Carbamidomethyl)	110	1.50E-10	1	2849.436	1.34	Salivary gland	2L:+:13795423-13795464,13795677-13795709	exon=> In CDS Exon 5 and 6 of transcript AGAP005293-PA
JHU_Ag_28242	LSSPTYGDLNHLVSVTMSGVTTCLR	AGAP005293-PB	M17(Oxidation), C23(Carbamidomethyl)	76	3.49E-07	1	2724.330	-1.08	Male reproductive organs	2L:+:13795148-13795189,13795677-13795709	exon=> In CDS Exon 4 and 5 of transcript AGAP005293-PB
JHU_Ag_96705	LSSPTYGDLNHLVSVTMSGVTTCLR	AGAP005293-PB	M17(Oxidation), C23(Carbamidomethyl)	148	2.04E-14	1	2724.339	2.15	Head	2L:+:13795148-13795189,13795677-13795709	exon=> In CDS Exon 4 and 5 of transcript AGAP005293-PB
JHU_Ag_107774	LSSPTYGDLNHLVSVTMSGVTTCLR	AGAP005293-PB	M17(Oxidation), C23(Carbamidomethyl),C23(Carbamidomethyl)	87	2.17E-08	1	2724.343	3.43	Salivary gland	2L:+:13795148-13795189,13795677-13795709	exon=> In CDS Exon 4 and 5 of transcript AGAP005293-PB
JHU_Ag_875	MSATFIGNTTAIQEIFK	AGAP005293-PB,AGAP005293-PA	-	79	1.78E-07	2	1871.962	2.65	Visceras	2L:+:13796138-13796188;2L:+:13796138-13796188	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_960	MSATFIGNTTAIQEIFKR	AGAP005293-PB,AGAP005293-PA	-	69	1.40E-06	1	2028.060	1	Visceras	2L:+:13796138-13796191;2L:+:13796138-13796191	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_4095	IDVYYTEVNGNK	AGAP005293-PB,AGAP005293-PA	N9(Deamidated)	77	2.56E-07	1	1414.688	2.03	Visceras	2L:+:13793592-13793627;2L:+:13793592-13793627	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_5720	GHYTEGAELVDNVLDVIR	AGAP005293-PB,AGAP005293-PA	-	177	2.88E-17	1	2000.014	2.77	Head	2L:+:13793855-13793908;2L:+:13793855-13793908	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_6880	EIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	C10(Carbamidomethyl)	40	0.00175177	1	1838.914	-2.33	Midgut	2L:+:13792411-13792461;2L:+:13792411-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA
JHU_Ag_8030	MSATFIGNTTAIQEIFKR	AGAP005293-PB,AGAP005293-PA	M1(Oxidation)	72	7.86E-07	2	2044.049	-2.1	Midgut	2L:+:13796138-13796191;2L:+:13796138-13796191	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_8261	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	67	2.76E-06	1	1576.833	-0.96	Salivary gland	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_8682	FWEIISDEHGIDPTGHYHGDSDLQLER	AGAP005293-PB,AGAP005293-PA	-	179	1.34E-17	1	3166.460	3.11	Malpighian tubule	2L:+:13793511-13793591;2L:+:13793511-13793591	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_9502	GHYTEGAELVDNVLDVIRK	AGAP005293-PB,AGAP005293-PA	-	81	8.68E-08	1	2128.107	1.79	Visceras	2L:+:13793855-13793911;2L:+:13793855-13793911	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_9645	VAVCDIAPR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	72	5.24E-07	2	1000.527	2.05	Male reproductive organs	2L:+:13796102-13796128;2L:+:13796102-13796128	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_10116	KETESCDCLQGFQLAHSLGGGTGSGMGTLLISK	AGAP005293-PB,AGAP005293-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	92	6.98E-09	1	3439.638	2.51	Malpighian tubule	2L:+:13793909-13794007;2L:+:13793909-13794007	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_10274	IMNTFSVVPSPK	AGAP005293-PB,AGAP005293-PA	M2(Oxidation)	60	1.66E-05	2	1335.699	0.76	Salivary gland	2L:+:13794032-13794067;2L:+:13794032-13794067	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA

JHU_Ag_12618	MREIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	M1(Oxidation), C12(Carbamidomethyl)	74	6.94E-07	1	2142.053	-0.61	Salivary gland	2L:+:13792405-13792461;2L:+:13792405-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA
JHU_Ag_13756	YSSYFVEWIPNNVK	AGAP005293-PB,AGAP005293-PA	-	43	0.000751922	1	1745.856	1.5	Salivary gland	2L:+:13796060-13796101;2L:+:13796060-13796101	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_15710	GHYTEGAELVDNVLDVIRK	AGAP005293-PB,AGAP005293-PA	-	129	1.44E-12	1	2128.107	1.79	Head	2L:+:13793855-13793911;2L:+:13793855-13793911	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_16868	MSATFIGNTTAIQEIFKR	AGAP005293-PB,AGAP005293-PA	-	37	0.002098153	1	2028.064	2.9	Pupa	2L:+:13796138-13796191;2L:+:13796138-13796191	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_17514	IDVYYTEVNGNK	AGAP005293-PB,AGAP005293-PA	N9(Deamidated),N11(Deamidated)	79	1.42E-07	2	1415.665	-2.46	Malpighian tubule	2L:+:13793592-13793627;2L:+:13793592-13793627	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_18037	KETESCDCLQGFQLAHSLGGGTGSGMGTLLISK	AGAP005293-PB,AGAP005293-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), M26(Oxidation),"C6(Carbamidomethyl), C8(Carbamidomethyl)"	72	7.42E-07	1	3439.633	1.16	Salivary gland	2L:+:13793909-13794007;2L:+:13793909-13794007	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_18882	YSSYFVEWIPNNVK	AGAP005293-PB,AGAP005293-PA	-	71	1.33E-06	2	1745.857	2.27	Malpighian tubule	2L:+:13796060-13796101;2L:+:13796060-13796101	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_21490	GHYTEGAELVDNVLDVIR	AGAP005293-PB,AGAP005293-PA	-	141	1.35E-13	1	2000.011	1.12	Visceras	2L:+:13793855-13793908;2L:+:13793855-13793908	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_21717	IDVYYTEVNGNKYVPR	AGAP005293-PB,AGAP005293-PA	N9(Deamidated)	82	1.12E-07	1	1930.954	-0.26	Salivary gland	2L:+:13793592-13793639;2L:+:13793592-13793639	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_22002	IDVYYTEVNGNK	AGAP005293-PB,AGAP005293-PA	N9(Deamidated),N11(Deamidated)	83	5.55E-08	1	1415.670	0.9	Salivary gland	2L:+:13793592-13793627;2L:+:13793592-13793627	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_22067	GHYTEGAELVDNVLDVIR	AGAP005293-PB,AGAP005293-PA	N12(Deamidated)	47	0.000312983	3	2000.010	0.93	Male reproductive organs	2L:+:13793855-13793908;2L:+:13793855-13793908	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_23401	ETESCDCLQGFQLAHSLGGGTGSGMGTLLISK	AGAP005293-PB,AGAP005293-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)	88	2.12E-08	1	3327.540	3.3	Salivary gland	2L:+:13793912-13794007;2L:+:13793912-13794007	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_23450	YLTCAAIFR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	65	3.52E-06	1	1114.572	0.15	Salivary gland	2L:+:13795914-13795940;2L:+:13795914-13795940	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_24503	FWEIISDEHGIDPTGHYHGDSDLQLER	AGAP005293-PB,AGAP005293-PA	-	46	0.000301011	1	3166.460	3.05	Male reproductive organs	2L:+:13793511-13793591;2L:+:13793511-13793591	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_26867	GHYTEGAELVDNVLDVIR	AGAP005293-PB,AGAP005293-PA	-	141	1.16E-13	1	2000.022	6.79	Midgut	2L:+:13793855-13793908;2L:+:13793855-13793908	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_26907	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	32	0.00760694	1	1592.834	2.71	Head	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_27850	IMNTFSVVPSPK	AGAP005293-PB,AGAP005293-PA	M2(Oxidation)	60	1.39E-05	2	1319.704	0.52	Head	2L:+:13794032-13794067;2L:+:13794032-13794067	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_30623	VAVCDIAPR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	73	5.30E-07	2	1000.524	-0.57	Salivary gland	2L:+:13796102-13796128;2L:+:13796102-13796128	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA

JHU_Ag_32071	YLTCAAIFR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	65	3.15E-06	2	1114.571	-0.62	Midgut	2L:+:13795914-13795940;2L:+:13795940-13795940	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_33966	YSSYFVEWIPNNVK	AGAP005293-PB,AGAP005293-PA	-	54	6.75E-05	2	1745.853	-0.25	Midgut	2L:+:13796060-13796101;2L:+:13796060-13796101	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_34539	IMNTFSVVPSPK	AGAP005293-PB,AGAP005293-PA	-	68	1.93E-06	2	1319.704	1.17	Malpighian tubule	2L:+:13794032-13794067;2L:+:13794032-13794067	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_37299	EVDQQMLNIQSK	AGAP005293-PB,AGAP005293-PA	M6(Oxidation)	78	2.37E-07	2	1448.706	0.57	Salivary gland	2L:+:13796024-13796059;2L:+:13796024-13796059	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_39704	EVDQQMLNIQSK	AGAP005293-PB,AGAP005293-PA	M6(Oxidation)	77	3.13E-07	1	1448.706	0.99	Head	2L:+:13796024-13796059;2L:+:13796024-13796059	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_41278	MSATFIGNTTAIQEIFKR	AGAP005293-PB,AGAP005293-PA	M1(Oxidation)	103	5.62E-10	1	2044.060	3.09	Head	2L:+:13796138-13796191;2L:+:13796138-13796191	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_42771	FWEIISDEHGIDPTGHYHGDSDLQLER	AGAP005293-PB,AGAP005293-PA	-	163	5.31E-16	1	3166.455	1.49	Salivary gland	2L:+:13793511-13793591;2L:+:13793511-13793591	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_44040	GHYTEGAELVDNVLDVIRK	AGAP005293-PB,AGAP005293-PA	-	77	2.27E-07	1	2128.119	7.38	Ovary	2L:+:13793855-13793911;2L:+:13793855-13793911	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_46276	IDVYYTEVNGNKYVPR	AGAP005293-PB,AGAP005293-PA	N9(Deamidated)	115	4.36E-11	1	1929.970	-0.09	Malpighian tubule	2L:+:13793592-13793639;2L:+:13793592-13793639	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_48797	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	36	0.003697 65	1	1592.830	0.37	Ovary	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_49194	YLTCAAIFR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	38	0.001748 14	2	1114.572	0.92	Visceras	2L:+:13795914-13795940;2L:+:13795940-13795940	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_49386	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	95	3.80E-09	1	1592.834	2.71	Malpighian tubule	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_50481	VAVCDIAPR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	69	1.21E-06	2	1000.525	0.16	Midgut	2L:+:13796102-13796128;2L:+:13796102-13796128	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_50587	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	60	1.32E-05	1	1592.828	-0.66	Male reproductive organs	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_51721	YSSYFVEWIPNNVK	AGAP005293-PB,AGAP005293-PA	-	59	1.88E-05	2	1745.855	1.08	Male reproductive organs	2L:+:13796060-13796101;2L:+:13796060-13796101	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_52920	FWEIISDEHGIDPTGHYHGDSDLQLER	AGAP005293-PB,AGAP005293-PA	-	149	1.30E-14	1	3166.448	-0.59	Head	2L:+:13793511-13793591;2L:+:13793511-13793591	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_53065	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	52	7.87E-05	1	1592.835	3.56	Larva	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_54143	EIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	C10(Carbamidomethyl)	130	1.41E-12	1	1838.930	6.54	Malpighian tubule	2L:+:13792411-13792461;2L:+:13792411-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA

JHU_Ag_56714	QSPYGALFRPDNFVYAQSGAGNNWAK	AGAP005293-PB,AGAP005293-PA	-	154	5.94E-15	1	2858.371	2.3	Head	2L:+:13793685-13793745,13793838-13793854;2L:+:13793685-13793745,13793838-13793854	exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PA
JHU_Ag_56796	QSPYGALFRPDNFVYAQSGAGNNWAK	AGAP005293-PB,AGAP005293-PA	-	155	4.68E-15	1	2858.373	2.81	Salivary gland	2L:+:13793685-13793745,13793838-13793854;2L:+:13793685-13793745,13793838-13793854	exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PA
JHU_Ag_57293	YLTCAAIFR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	66	2.99E-06	2	1114.571	-0.51	Male reproductive organs	2L:+:13795914-13795940;2L:+:13795914-13795940	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_58846	FWEIISDEHGIDPTGHYHGDSDLQLER	AGAP005293-PB,AGAP005293-PA	-	43	0.00064355	1	3166.463	4.04	Midgut	2L:+:13793511-13793591;2L:+:13793511-13793591	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_59725	MREIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	C12(Carbamidomethyl)	132	1.20E-12	1	2126.061	0.9	Malpighian tubule	2L:+:13792405-13792461;2L:+:13792405-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA
JHU_Ag_60169	YSSYFVEWIPNNVK	AGAP005293-PB,AGAP005293-PA	-	59	2.26E-05	1	1745.856	1.29	Head	2L:+:13796060-13796101;2L:+:13796060-13796101	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_60282	MSATFIGNTTAIQEIFKR	AGAP005293-PB,AGAP005293-PA	M1(Oxidation)	63	6.02E-06	1	2028.059	0.1	Male reproductive organs	2L:+:13796138-13796191;2L:+:13796138-13796191	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_60811	QSPYGALFRPDNFVYAQSGAGNNWAK	AGAP005293-PB,AGAP005293-PA	-	42	0.00098568	1	2858.378	4.8	Male reproductive organs	2L:+:13793685-13793745,13793838-13793854;2L:+:13793685-13793745,13793838-13793854	exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PA
JHU_Ag_60916	EIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	C10(Carbamidomethyl)	46	0.00036357	1	1838.928	5.74	Male reproductive organs	2L:+:13792411-13792461;2L:+:13792411-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA
JHU_Ag_63337	GHYTEGAELVDNVLDVIR	AGAP005293-PB,AGAP005293-PA	-	81	1.15E-07	2	2000.018	4.78	Malpighian tubule	2L:+:13793855-13793908;2L:+:13793855-13793908	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_64250	MSATFIGNTTAIQEIFKR	AGAP005293-PB,AGAP005293-PA	M1(Oxidation)	93	6.08E-09	1	2044.059	2.56	Salivary gland	2L:+:13796138-13796191;2L:+:13796138-13796191	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_64651	VAVCDIAPR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	58	1.37E-05	1	1000.525	0.89	Ovary	2L:+:13796102-13796128;2L:+:13796102-13796128	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_66265	VAVCDIAPR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	67	2.08E-06	2	1000.524	-0.02	Head	2L:+:13796102-13796128;2L:+:13796102-13796128	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA

JHU_Ag_66851	QSPYGALFRPDNFVYAQSGAGNNWAK	AGAP005293-PB,AGAP005293-PA	-	182	9.89E-18	1	2858.355	-3.21	Visceras	2L:+:13793685-13793745,13793838-13793854;2L:+:13793685-13793745,13793838-13793854	exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PA
JHU_Ag_67299	GHYTEGAELVDNVLDVIR	AGAP005293-PB,AGAP005293-PA	-	74	7.03E-07	1	2000.003	-2.73	Ovary	2L:+:13793855-13793908;2L:+:13793855-13793908	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_70269	GHYTEGAELVDNVLDVIR	AGAP005293-PB,AGAP005293-PA	-	117	3.26E-11	1	2000.011	1.42	Salivary gland	2L:+:13793855-13793908;2L:+:13793855-13793908	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_71041	EVDQQMLNIQSK	AGAP005293-PB,AGAP005293-PA	M6(Oxidation)	65	5.17E-06	2	1448.703	-1.12	Midgut	2L:+:13796024-13796059;2L:+:13796024-13796059	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_71112	GHYTEGAELVDNVLDVIRK	AGAP005293-PB,AGAP005293-PA	-	47	0.000252614	1	2128.104	0.41	Midgut	2L:+:13793855-13793911;2L:+:13793855-13793911	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_71574	EIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	C10(Carbamidomethyl)	99	2.44E-09	1	1838.918	-0.17	Visceras	2L:+:13792411-13792461;2L:+:13792411-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA
JHU_Ag_71686	EIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	C10(Carbamidomethyl)	66	4.79E-06	1	1838.917	-0.44	Salivary gland	2L:+:13792411-13792461;2L:+:13792411-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA
JHU_Ag_78144	ETESCDCLQGFQLAHSLGGGTGSGMGTLLISK	AGAP005293-PB,AGAP005293-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	110	1.14E-10	1	3311.536	0.41	Malpighian tubule	2L:+:13793912-13794007;2L:+:13793912-13794007	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_79846	GSMSMKEVDQQMLNIQSK	AGAP005293-PB,AGAP005293-PA	M3(Oxidation), M5(Oxidation),"M3(Oxidation), M5(Oxidation), M12(Oxidation)"	85	3.37E-08	1	2101.956	0.04	Malpighian tubule	2L:+:13795941-13795941,13796007-13796059;2L:+:13795941-13795941,13796007-13796059	exon=> In CDS Exon 5 and 6 of transcript AGAP005293-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP005293-PA
JHU_Ag_80521	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	39	0.001547071	2	1592.828	-0.74	Visceras	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_84349	GHYTEGAELVDNVLDVIRK	AGAP005293-PB,AGAP005293-PA	-	122	8.06E-12	1	2128.108	2.05	Malpighian tubule	2L:+:13793855-13793911;2L:+:13793855-13793911	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_85758	LHFFMPGFAPLTAK	AGAP005293-PB,AGAP005293-PA	M5(Oxidation)	97	2.54E-09	1	1592.830	0.26	Midgut	2L:+:13795773-13795814;2L:+:13795773-13795814	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_85908	VAVCDIAPR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	70	1.03E-06	2	1000.523	-1.06	Malpighian tubule	2L:+:13796102-13796128;2L:+:13796102-13796128	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_89044	ETESCDCLQGFQLAHSLGGGTGSGMGTLLISK	AGAP005293-PB,AGAP005293-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	150	1.16E-14	1	3311.544	3.07	Visceras	2L:+:13793912-13794007;2L:+:13793912-13794007	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_92871	MSATFIGNTTAIQEIFK	AGAP005293-PB,AGAP005293-PA	M1(Oxidation)	107	3.26E-10	2	1887.950	-0.89	Midgut	2L:+:13796138-13796188;2L:+:13796138-13796188	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_94485	IMNTFSVVPSPK	AGAP005293-PB,AGAP005293-PA	M2(Oxidation)	73	7.74E-07	2	1335.698	0.39	Visceras	2L:+:13794032-13794067;2L:+:13794032-13794067	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA

JHU_Ag_99660	MSATFIGNTTAIQEIFKR	AGAP005293-PB,AGAP005293-PA	M1(Oxidation)	154	4.15E-15	1	2028.063	2.3	Malpighian tubule	2L:+:13796138-13796191;2L:+:13796138-13796191	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_100131	QSPYGALFRPDNFVYAQSGAGNNWAK	AGAP005293-PB,AGAP005293-PA	-	128	2.43E-12	1	2858.367	0.7	Malpighian tubule	2L:+:13793685-13793745,13793838-13793854;2L:+:13793685-13793745,13793838-13793854	exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005293-PA
JHU_Ag_100431	IDVYYTEVNGNK	AGAP005293-PB,AGAP005293-PA	N9(Deamidated),N11(Deamidated)	93	6.01E-09	2	1415.673	2.71	Head	2L:+:13793592-13793627;2L:+:13793592-13793627	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_101385	IMNTFSVVPSPK	AGAP005293-PB,AGAP005293-PA	-	83	7.07E-08	2	1319.704	0.61	Midgut	2L:+:13794032-13794067;2L:+:13794032-13794067	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_102453	EVDQQMLNIQSK	AGAP005293-PB,AGAP005293-PA	-	64	6.78E-06	1	1432.713	2.31	Malpighian tubule	2L:+:13796024-13796059;2L:+:13796024-13796059	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_103488	YSSYFVEWIPNNVK	AGAP005293-PB,AGAP005293-PA	-	42	0.000880904	1	1745.857	2.34	Visceras	2L:+:13796060-13796101;2L:+:13796060-13796101	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_105363	FWEIISDEHGIDPTGHYHGDSDLQLER	AGAP005293-PB,AGAP005293-PA	-	112	7.68E-11	1	3166.467	5.43	Ovary	2L:+:13793511-13793591;2L:+:13793511-13793591	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_107011	FWEIISDEHGIDPTGHYHGDSDLQLER	AGAP005293-PB,AGAP005293-PA	-	77	2.18E-07	1	3166.454	1.2	Visceras	2L:+:13793511-13793591;2L:+:13793511-13793591	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_107388	IDVYYTEVNGNK	AGAP005293-PB,AGAP005293-PA	N9(Deamidated),N11(Deamidated)	83	6.07E-08	1	1415.666	-1.86	Male reproductive organs	2L:+:13793592-13793627;2L:+:13793592-13793627	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_107924	GHYTEGAELVDNVLDVIRK	AGAP005293-PB,AGAP005293-PA	-	119	1.34E-11	1	2128.106	1.45	Male reproductive organs	2L:+:13793855-13793911;2L:+:13793855-13793911	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA
JHU_Ag_108360	EIVHLQAGQCGNQIGSK	AGAP005293-PB,AGAP005293-PA	C10(Carbamidomethyl)	123	8.94E-12	1	1838.920	1.43	Head	2L:+:13792411-13792461;2L:+:13792411-13792461	exon=> In CDS Exon 1 of transcript AGAP005293-PB;exon=> In CDS Exon 1 of transcript AGAP005293-PA
JHU_Ag_110535	EVDQQMLNIQSK	AGAP005293-PB,AGAP005293-PA	M6(Oxidation)	62	9.60E-06	2	1448.704	-0.61	Male reproductive organs	2L:+:13796024-13796059;2L:+:13796024-13796059	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_111334	MSATFIGNTTAIQEIFK	AGAP005293-PB,AGAP005293-PA	-	87	2.72E-08	2	1871.967	5.19	Malpighian tubule	2L:+:13796138-13796188;2L:+:13796138-13796188	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA
JHU_Ag_112939	YLTCAAIFR	AGAP005293-PB,AGAP005293-PA	C4(Carbamidomethyl)	65	4.19E-06	1	1114.573	1.02	Malpighian tubule	2L:+:13795914-13795940;2L:+:13795914-13795940	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA
JHU_Ag_113890	IDVYYTEVNGNK	AGAP005293-PB,AGAP005293-PA	N9(Deamidated),N11(Deamidated)	85	3.89E-08	2	1415.670	0.9	Midgut	2L:+:13793592-13793627;2L:+:13793592-13793627	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA
JHU_Ag_115456	EVDQQMLNIQSK	AGAP005293-PB,AGAP005293-PA	-	85	6.19E-08	1	1432.711	0.77	Visceras	2L:+:13796024-13796059;2L:+:13796024-13796059	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA

JHU_Ag_5444	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	115	4.74E-11	1	1601.821	0.49	Salivary gland	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_6394	RISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M9(Oxidation)	57	2.83E-05	1	1401.697	1.54	Head	2L:+:13796189-13796221;2L:+:13796189-13796221;3L:-:13308398-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_12798	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	68	2.88E-06	2	1617.818	1.59	Pupa	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_14628	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	114	5.64E-11	1	1601.822	1.1	Malpighian tubule	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_15341	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	54	7.88E-05	2	1617.824	5.21	Larva	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_16974	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	101	1.24E-09	1	1601.827	3.84	Head	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_21305	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	66	4.49E-06	2	1617.815	-0.07	Male reproductive organs	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_37247	RISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	45	0.000433616	1	1385.700	0.09	Malpighian tubule	2L:+:13796189-13796221;2L:+:13796189-13796221;3L:-:13308398-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_52976	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	83	5.93E-08	1	1245.592	-1.26	Ovary	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_54054	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	87	1.88E-08	2	1229.599	0.54	Pupa	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_56463	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	107	3.35E-10	1	1617.815	-0.3	Ovary	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_56571	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	83	5.29E-08	1	1229.600	1.43	Malpighian tubule	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_60174	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	79	1.84E-07	1	1245.597	2.95	Larva	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_62101	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	83	5.69E-08	1	1229.597	-0.75	Salivary gland	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_63305	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	85	5.72E-08	2	1617.812	-1.88	Midgut	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_69651	AVLVDLEPGTMDSVR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	87	3.13E-08	1	1601.823	1.71	Visceras	2L:+:13793640-13793684;2L:+:13793640-13793684;3L:-:13309349-13309305	exon=> In CDS Exon 2 of transcript AGAP005293-PB;exon=> In CDS Exon 2 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_78835	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	79	1.45E-07	2	1229.599	0.44	Head	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_85679	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	75	4.39E-07	2	1245.594	0.4	Male reproductive organs	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_86286	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	67	1.86E-06	2	1229.599	0.74	Visceras	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_110402	ISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	79	1.27E-07	1	1229.596	-2.24	Midgut	2L:+:13796192-13796221;2L:+:13796192-13796221;3L:-:13308395-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_113929	ISEQFTAMFRR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M8(Oxidation)	39	0.001656276	1	1401.694	-0.01	Malpighian tubule	2L:+:13796192-13796224;2L:+:13796192-13796224;3L:-:13308395-13308363	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_114143	RISEQFTAMFR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M9(Oxidation)	38	0.002347964	2	1401.701	4.68	Ovary	2L:+:13796189-13796221;2L:+:13796189-13796221;3L:-:13308398-13308366	exon=> In CDS Exon 6 of transcript AGAP005293-PB;exon=> In CDS Exon 7 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_868	ALTVPELTQQMFDAK	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M11(Oxidation)	121	1.33E-11	1	1707.861	-0.75	Ovary	2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645;3L:+:5282661-5282705	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_2247	ALTVPELTQQMFDAK	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M11(Oxidation)	104	6.06E-10	1	1707.867	2.68	Larva	2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645;3L:+:5282661-5282705	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_11899	ALTVPELTQQMFDAK	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M11(Oxidation)	112	8.45E-11	1	1691.874	3.82	Malpighian tubule	2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645;3L:+:5282661-5282705	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_16286	FPGQLNADLR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	-	74	7.00E-07	2	1130.595	-0.29	Visceras	2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783;3L:+:5282538-5282567	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA

JHU_Ag_18651	LAVNMVPFPR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	48	0.000229869	2	1143.636	1.02	Visceras	2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750;3L:+:5282571-5282600	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_20529	LAVNMVPFPR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	79	2.45E-07	1	1159.632	2.76	Larva	2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750;3L:+:5282571-5282600	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_22938	LAVNMVPFPR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	68	2.80E-06	1	1159.629	-0.19	Ovary	2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750;3L:+:5282571-5282600	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_28383	FPGQLNADLR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	-	63	7.54E-06	2	1130.597	1.66	Malpighian tubule	2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783;3L:+:5282538-5282567	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_33120	LAVNMVPFPR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	69	2.42E-06	1	1159.629	-0.08	Malpighian tubule	2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750;3L:+:5282571-5282600	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_37054	FPGQLNADLR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	-	63	9.75E-06	2	1130.595	0.04	Ovary	2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783;3L:+:5282538-5282567	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_56655	FPGQLNADLR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	-	63	8.55E-06	2	1130.598	2.52	Larva	2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783;3L:+:5282538-5282567	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_83747	KLAVNMVPFPR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	-	74	2.81E-07	2	1271.731	1.49	Visceras	2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750;3L:+:5282568-5282600	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA

JHU_Ag_96654	ALTVPELTQQMFDAK	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M11(Oxidation)	101	1.31E-09	2	1691.871	2.08	Visceras	2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645;3L:+:5282661-5282705	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_106812	KLAVNMVPFPR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	M6(Oxidation)	48	0.000111968	1	1287.731	5.14	Larva	2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750;3L:+:5282568-5282600	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_110604	FPGQLNADLRK	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	-	53	7.63E-05	1	1258.691	0.73	Ovary	2L:+:13795710-13795742;2L:+:13795710-13795742;3L:-:13308812-13308780;3L:+:5282538-5282570	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_110898	FPGQLNADLRK	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA	-	40	0.001535542	2	1258.691	0.52	Visceras	2L:+:13795710-13795742;2L:+:13795710-13795742;3L:-:13308812-13308780;3L:+:5282538-5282570	exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_23619	IREEYPDR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA,AGAP008622-PA	-	40	0.001905607	1	1077.537	4.65	Larva	2L:+:13794008-13794031;2L:+:13794008-13794031;3L:-:13309073-13309050;3L:+:5282277-5282300;3R:-:13725995-13725972	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_44027	IREEYPDR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA,AGAP008622-PA	-	37	0.003704764	2	1077.530	-1.81	Ovary	2L:+:13794008-13794031;2L:+:13794008-13794031;3L:-:13309073-13309050;3L:+:5282277-5282300;3R:-:13725995-13725972	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA

JHU_Ag_99993	IREEYPDR	AGAP005293-PB,AGAP005293-PA,AGAP010929-PA,AGAP010510-PA,AGAP008622-PA	-	36	0.004793812	2	1077.534	1.14	Malpighian tubule	2L:+:13794008-13794031;2L:+:13794008-13794031;3L:-:13309073-13309050;3L:+:5282277-5282300;3R:-:13725995-13725972	exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_49517	AQGGGHEEQTFNEFYTEVK	AGAP005298-PA	N-Term(Acetyl)	84	3.85E-08	1	2212.991	5.66	Ovary	2L:-:13808692-13808695,13808227-13808542	exon=> In CDS Exon 2 and 1 of transcript AGAP005298-PA
JHU_Ag_74883	AQQAFEIISK	AGAP005298-PA	-	62	6.91E-06	2	1134.617	0.97	Ovary	2L:-:13808340-13808311	exon=> In CDS Exon 2 of transcript AGAP005298-PA
JHU_Ag_4700	SAALLSMLQSAIGER	AGAP005301-PA	M7(Oxidation)	98	2.26E-09	2	1562.821	0.45	Head	2L:-:13866147-13866103	exon=> In CDS Exon 8 of transcript AGAP005301-PA
JHU_Ag_34393	TYQFQTAEPSDLWAICAK	AGAP005301-PA	C16(Carbamidomethyl)	56	4.02E-05	2	2129.010	4.42	Head	2L:-:13866069-13866016	exon=> In CDS Exon 8 of transcript AGAP005301-PA
JHU_Ag_48915	SIQVLGWDDTGEDETK	AGAP005301-PA	-	42	0.000758448	2	1792.833	5.38	Head	2L:-:13864096-13864049	exon=> In CDS Exon 10 of transcript AGAP005301-PA
JHU_Ag_59191	TSFLNEPTAISSK	AGAP005301-PA	-	39	0.001849834	2	1394.718	1.4	Head	2L:-:13866471-13866433	exon=> In CDS Exon 8 of transcript AGAP005301-PA
JHU_Ag_99254	TLAATVLKPGSTR	AGAP005301-PA	-	38	0.000490359	1	1314.776	1.43	Head	2L:-:13867337-13867299	exon=> In CDS Exon 7 of transcript AGAP005301-PA
JHU_Ag_60076	ENHNVTELFQELLNMEK	AGAP005302-PA	M15(Oxidation)	63	8.13E-06	1	2104.006	1.88	Head	2L:+:13876419-13876448,13876541-13876561	exon=> In CDS Exon 4 and 5 of transcript AGAP005302-PA
JHU_Ag_1103	TTTEESAKPAESSEAAKPAAASSTGGETGSNSK	AGAP005305-PA	-	106	3.06E-10	1	3139.459	2.63	Malpighian tubule	2L:+:13902304-13902402	exon=> In CDS Exon 2 of transcript AGAP005305-PA
JHU_Ag_11817	VPFDEAYTFLNR	AGAP005305-PA	-	49	0.000180391	2	1471.722	0.21	Male reproductive organs	2L:+:13903425-13903460	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_15858	LTSEAPCLESVQEEEPEPVSAAPEQR	AGAP005305-PA	C7(Carbamidomethyl)	52	9.04E-05	2	2882.347	3.75	Head	2L:+:13901935-13902012	exon=> In CDS Exon 2 of transcript AGAP005305-PA
JHU_Ag_17070	YGNNSGGGGGYGNR	AGAP005305-PA	-	35	0.001266101	2	1329.557	0.44	Ovary	2L:+:13904519-13904560	exon=> In CDS Exon 7 of transcript AGAP005305-PA
JHU_Ag_18775	AIAVIPNLEEYKR	AGAP005305-PA	-	40	0.000700719	1	1515.860	4.56	Malpighian tubule	2L:+:13904059-13904097	exon=> In CDS Exon 6 of transcript AGAP005305-PA
JHU_Ag_20180	KVPAVEPATEK	AGAP005305-PA	-	35	0.001656487	1	1168.658	0.31	Ovary	2L:+:13903176-13903208	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_24530	VPFDEAYTFLNR	AGAP005305-PA	-	86	2.96E-08	1	1471.726	2.86	Ovary	2L:+:13903425-13903460	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_26347	AIAVIPNLEEYK	AGAP005305-PA	-	42	0.000809442	2	1359.754	1.69	Head	2L:+:13904059-13904094	exon=> In CDS Exon 6 of transcript AGAP005305-PA
JHU_Ag_26562	HILIDQTNVFASEQK	AGAP005305-PA	-	108	1.97E-10	1	1742.914	3.8	Ovary	2L:+:13903908-13903925,13903993-13904019	exon=> In CDS Exon 5 and 6 of transcript AGAP005305-PA
JHU_Ag_28900	TTTEESAKPAESSEAAKPAAASSTGGETGSNSK	AGAP005305-PA	-	79	1.73E-07	1	3139.459	2.49	Head	2L:+:13902304-13902402	exon=> In CDS Exon 2 of transcript AGAP005305-PA
JHU_Ag_32272	VPFDEAYTFLNR	AGAP005305-PA	-	87	2.75E-08	1	1471.725	2.12	Head	2L:+:13903425-13903460	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_36753	YGAEVPETTLNTMK	AGAP005305-PA	M13(Oxidation)	44	0.000616978	1	1569.756	5.72	Malpighian tubule	2L:+:13904122-13904163	exon=> In CDS Exon 6 of transcript AGAP005305-PA
JHU_Ag_37663	HILIDQTNVFASEQKR	AGAP005305-PA	-	52	5.81E-05	1	1899.014	3.1	Ovary	2L:+:13903908-13903925,13903993-13904022	exon=> In CDS Exon 5 and 6 of transcript AGAP005305-PA

JHU_Ag_39298	SPLVPDGETPTAEMR	AGAP005305-PA	M14(Oxidation)	36	0.003735535	1	1615.766	1.54	Head	2L:+:13902792-13902836	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_44519	AIAVIPNLEEYKR	AGAP005305-PA	-	50	7.13E-05	1	1515.856	2.05	Salivary gland	2L:+:13904059-13904097	exon=> In CDS Exon 6 of transcript AGAP005305-PA
JHU_Ag_49409	VPFDEAYTFLNR	AGAP005305-PA	-	75	4.64E-07	1	1471.725	2.04	Pupa	2L:+:13903425-13903460	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_54327	AREPSNTPQWQK	AGAP005305-PA	-	37	0.002680948	2	1441.719	0.59	Ovary	2L:+:13903809-13903844	exon=> In CDS Exon 5 of transcript AGAP005305-PA
JHU_Ag_54815	VNFGTVEDGLPLVEK	AGAP005305-PA	-	86	3.76E-08	2	1616.855	1.19	Ovary	2L:+:13903128-13903172	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_56800	VLYEVLVVDELQPATK	AGAP005305-PA	-	45	0.000120167	2	1816.021	5.9	Malpighian tubule	2L:+:13902744-13902791	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_57379	HNNNNNNNNSNANSNYTSR	AGAP005305-PA	-	62	2.30E-06	2	2162.900	2.72	Ovary	2L:+:13904408-13904464	exon=> In CDS Exon 7 of transcript AGAP005305-PA
JHU_Ag_59933	VPFDEAYTFLNR	AGAP005305-PA	-	55	4.27E-05	1	1471.722	0.29	Visceras	2L:+:13903425-13903460	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_64022	VVEQLSR	AGAP005305-PA	-	46	0.00046245	2	830.476	3.66	Malpighian tubule	2L:+:13903845-13903865	exon=> In CDS Exon 5 of transcript AGAP005305-PA
JHU_Ag_69052	TTTEESAKPAESSEAAKPAAASSTGGETGSNSK	AGAP005305-PA	-	163	6.08E-16	1	3139.455	1.23	Visceras	2L:+:13902304-13902402	exon=> In CDS Exon 2 of transcript AGAP005305-PA
JHU_Ag_71968	VNFGTVEDGLPLVEK	AGAP005305-PA	-	73	7.19E-07	2	1616.858	3	Head	2L:+:13903128-13903172	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_73027	YGAEVPETTLNTMK	AGAP005305-PA	M13(Oxidation)	38	0.002095815	2	1569.749	1.67	Ovary	2L:+:13904122-13904163	exon=> In CDS Exon 6 of transcript AGAP005305-PA
JHU_Ag_77529	ANIFVPTLEQK	AGAP005305-PA	-	57	2.37E-05	2	1259.703	2.45	Head	2L:+:13904164-13904164,13904244-13904275	exon=> In CDS Exon 6 and 7 of transcript AGAP005305-PA
JHU_Ag_82118	VNFGTVEDGLPLVEK	AGAP005305-PA	-	80	1.66E-07	1	1616.854	0.81	Pupa	2L:+:13903128-13903172	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_82368	KVPAVEPATEK	AGAP005305-PA	-	31	0.005621104	2	1168.652	-4.5	Head	2L:+:13903176-13903208	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_84721	EENVAPAPVPAETTDGSAAEQAAPSETK	AGAP005305-PA	-	79	1.88E-07	1	2767.297	2.28	Head	2L:+:13902205-13902288	exon=> In CDS Exon 2 of transcript AGAP005305-PA
JHU_Ag_86620	EAESADEQPAEK	AGAP005305-PA	-	71	3.15E-07	1	1303.563	-1.34	Head	2L:+:13903389-13903424	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_89803	VVGGNFEEYGKPYGK	AGAP005305-PA	-	43	0.000694787	1	1643.806	-0.46	Ovary	2L:+:13902921-13902965	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_91014	HILIDQTNVFASEQK	AGAP005305-PA	-	127	2.40E-12	1	1742.909	1.28	Head	2L:+:13903908-13903925,13903993-13904019	exon=> In CDS Exon 5 and 6 of transcript AGAP005305-PA
JHU_Ag_92708	RVDTPVR	AGAP005305-PA	-	30	0.006263566	1	842.486	2	Malpighian tubule	2L:+:13901773-13901793	exon=> In CDS Exon 2 of transcript AGAP005305-PA
JHU_Ag_94032	VNFGTVEDGLPLVEK	AGAP005305-PA	N2(Deamidated)	60	1.40E-05	1	1616.856	1.49	Midgut	2L:+:13903128-13903172	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_94889	VLYEVLVVDELQPATK	AGAP005305-PA	-	40	0.000433571	2	1816.016	3.08	Ovary	2L:+:13902744-13902791	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_98889	VPFDEAYTFLNR	AGAP005305-PA	-	87	2.68E-08	1	1471.731	6.27	Salivary gland	2L:+:13903425-13903460	exon=> In CDS Exon 3 of transcript AGAP005305-PA
JHU_Ag_111366	ANIFVPTLEQK	AGAP005305-PA	-	44	0.000492831	2	1259.699	-0.16	Ovary	2L:+:13904164-13904164,13904244-13904275	exon=> In CDS Exon 6 and 7 of transcript AGAP005305-PA
JHU_Ag_112025	AIAVIPNLEEYKR	AGAP005305-PA	-	46	0.000151626	2	1515.855	1.16	Ovary	2L:+:13904059-13904097	exon=> In CDS Exon 6 of transcript AGAP005305-PA
JHU_Ag_112619	VLYEVLVVDELQPATK	AGAP005305-PA	-	77	8.87E-08	1	1816.015	2.61	Head	2L:+:13902744-13902791	exon=> In CDS Exon 3 of transcript AGAP005305-PA

JHU_Ag_508	FAHPNIVQLLETFEDK	AGAP005306-PA	-	74	4.79E-07	1	1900.990	5.02	Head	2L:-:13919586-13919539	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_15758	SDGSGVQTAAPPIGGPR	AGAP005306-PA	-	47	0.000267173	1	1566.789	1.25	Salivary gland	2L:-:13919637-13919587	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_15823	MALSSGGSGTAYGR	AGAP005306-PA	-	40	0.001060391	2	1314.611	0.39	Malpighian tubule	2L:-:13918851-13918810	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_33046	GKEDSLENEIR	AGAP005306-PA	-	32	0.007485415	2	1289.628	-3.81	Head	2L:-:13919697-13919665	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_36802	SDGSGVQTAAPPIGGPR	AGAP005306-PA	-	49	0.000175921	1	1566.790	1.87	Head	2L:-:13919637-13919587	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_44857	ELLGTGAFSEVR	AGAP005306-PA	-	57	2.48E-05	2	1278.669	-0.13	Salivary gland	2L:-:13919799-13919764	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_64573	RSDGSGVQTAAPPIGGPR	AGAP005306-PA	-	37	0.002505253	1	1722.890	1.14	Head	2L:-:13919640-13919587	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_70367	FAHPNIVQLLETFEDK	AGAP005306-PA	-	64	4.81E-06	1	1900.982	0.78	Malpighian tubule	2L:-:13919586-13919539	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_85697	NIHGTVSEQLK	AGAP005306-PA	-	43	0.000572717	1	1225.648	-4.25	Head	2L:-:13918953-13918921	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_90673	DLKPENLLYYSAAEDSK	AGAP005306-PA	-	54	6.06E-05	1	1955.963	1.76	Head	2L:-:13919382-13919332	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_97592	GKEDSLENEIR	AGAP005306-PA	-	67	2.89E-06	2	1289.637	3.01	Ovary	2L:-:13919697-13919665	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_101368	FAHPNIVQLLETFEDK	AGAP005306-PA	-	40	0.001259534	3	1900.992	5.98	Ovary	2L:-:13919586-13919539	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_108826	GEFEFDSPYWDEISDSAK	AGAP005306-PA	-	94	2.06E-09	1	2121.896	1.69	Head	2L:-:13919109-13919056	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_116242	ELLGTGAFSEVR	AGAP005306-PA	-	61	1.13E-05	2	1278.668	-0.51	Head	2L:-:13919799-13919764	exon=> In CDS Exon 1 of transcript AGAP005306-PA
JHU_Ag_32496	LNSGVDYR	AGAP005314-PA	-	41	0.001117133	2	923.457	-1.1	Ovary	2L:-:14018585-14018562	exon=> In CDS Exon 1 of transcript AGAP005314-PA
JHU_Ag_42751	GVLACLDGYMNIALDQTEEYVNGQLK	AGAP005314-PA	C5(Carbamidomethyl), M10(Oxidation)	56	3.10E-05	1	2930.390	-0.57	Ovary	2L:-:14018561-14018651,14018331-14018403	exon=> In CDS Exon 2 and 1 of transcript AGAP005314-PA
JHU_Ag_62535	EALSQFINQIHGRPVVVK	AGAP005314-PA	-	53	1.80E-05	1	2035.143	-0.93	Midgut	2L:-:14018639-14018586	exon=> In CDS Exon 1 of transcript AGAP005314-PA
JHU_Ag_65277	GNNVLYISTQK	AGAP005314-PA	-	55	3.48E-05	2	1236.661	2.22	Malpighian tubule	2L:-:14018375-14018343	exon=> In CDS Exon 2 of transcript AGAP005314-PA
JHU_Ag_70742	YGDAFIR	AGAP005314-PA	-	40	0.000900366	2	841.421	1.19	Ovary	2L:-:14018396-14018376	exon=> In CDS Exon 2 of transcript AGAP005314-PA
JHU_Ag_76001	EALSQFINQIHGRPVVVK	AGAP005314-PA	-	86	6.51E-09	1	2035.153	4.11	Ovary	2L:-:14018639-14018586	exon=> In CDS Exon 1 of transcript AGAP005314-PA
JHU_Ag_96754	EALSQFINQIHGRPVVVK	AGAP005314-PA	-	93	1.63E-09	1	2035.150	2.67	Malpighian tubule	2L:-:14018639-14018586	exon=> In CDS Exon 1 of transcript AGAP005314-PA
JHU_Ag_116008	GNNVLYISTQK	AGAP005314-PA	N3(Deamidated),N2(Deamidated)	71	8.46E-07	1	1236.659	0.74	Ovary	2L:-:14018375-14018343	exon=> In CDS Exon 2 of transcript AGAP005314-PA
JHU_Ag_2342	LRDIENMLTK	AGAP005316-PA	M7(Oxidation)	51	0.000104413	1	1248.662	0.59	Ovary	2L:-:14021918-14021889	exon=> In CDS Exon 1 of transcript AGAP005316-PA
JHU_Ag_3004	EALENANTNAEVLK	AGAP005316-PA	-	92	9.29E-09	1	1515.769	2.62	Malpighian tubule	2L:-:14021587-14021546	exon=> In CDS Exon 2 of transcript AGAP005316-PA
JHU_Ag_9659	KIEVEIDTAR	AGAP005316-PA	-	65	4.02E-06	2	1173.650	1.93	Malpighian tubule	2L:-:14021867-14021838	exon=> In CDS Exon 1 of transcript AGAP005316-PA
JHU_Ag_9890	ELEELEQEELDK	AGAP005316-PA	-	81	1.02E-07	1	1503.707	0.7	Ovary	2L:-:14021267-14021232	exon=> In CDS Exon 3 of transcript AGAP005316-PA
JHU_Ag_30425	KGEPAPTPSEAIQK	AGAP005316-PA	-	94	4.39E-09	1	1452.772	1.66	Head	2L:-:14021960-14021919	exon=> In CDS Exon 1 of transcript AGAP005316-PA

JHU_Ag_34102	ELEELEQEELDK	AGAP005316-PA	-	77	2.66E-07	2	1503.708	1.51	Head	2L:-:14021267-14021232	exon=> In CDS Exon 3 of transcript AGAP005316-PA
JHU_Ag_38039	KIEVEIDTAR	AGAP005316-PA	-	75	4.50E-07	2	1173.647	-0.67	Ovary	2L:-:14021867-14021838	exon=> In CDS Exon 1 of transcript AGAP005316-PA
JHU_Ag_71969	KGEPAPTPSEAIQK	AGAP005316-PA	-	41	0.000946632	1	1452.773	2.33	Ovary	2L:-:14021960-14021919	exon=> In CDS Exon 1 of transcript AGAP005316-PA
JHU_Ag_72803	KGEPAPTPSEAIQK	AGAP005316-PA	-	63	5.57E-06	2	1452.772	1.75	Malpighian tubule	2L:-:14021960-14021919	exon=> In CDS Exon 1 of transcript AGAP005316-PA
JHU_Ag_80512	EALENANTNAEVLK	AGAP005316-PA	-	92	8.76E-09	1	1515.764	-0.77	Ovary	2L:-:14021587-14021546	exon=> In CDS Exon 2 of transcript AGAP005316-PA
JHU_Ag_81006	AAIQALKR	AGAP005316-PA	-	51	3.49E-05	1	870.554	1.94	Male reproductive organs	2L:-:14021813-14021993,14021499-14021654	exon=> In CDS Exon 2 and 1 of transcript AGAP005316-PA
JHU_Ag_97974	EALENANTNAEVLK	AGAP005316-PA	N7(Deamidated)	124	5.73E-12	1	1515.765	0.04	Head	2L:-:14021587-14021546	exon=> In CDS Exon 2 of transcript AGAP005316-PA
JHU_Ag_103163	AAIQALKR	AGAP005316-PA	-	56	1.08E-05	1	870.553	0.75	Malpighian tubule	2L:-:14021813-14021993,14021499-14021654	exon=> In CDS Exon 2 and 1 of transcript AGAP005316-PA
JHU_Ag_103664	DMNIDDVHDLMDDIAEQNDIANEISNAVSSAVGFGQDIDEDELEK	AGAP005316-PA	M2(Oxidation), M11(Oxidation)	161	4.03E-16	1	4981.178	2.96	Ovary	2L:-:14021503-14021676,14021138-14021268	exon=> In CDS Exon 3 and 2 of transcript AGAP005316-PA
JHU_Ag_103833	AAIQALK	AGAP005316-PA	-	49	9.31E-05	1	714.452	1.83	Ovary	2L:-:14021813-14021993,14021499-14021657	exon=> In CDS Exon 2 and 1 of transcript AGAP005316-PA
JHU_Ag_110285	AAVAEEDDPDMK	AGAP005316-PA	M11(Oxidation)	83	1.51E-08	1	1306.549	1.57	Head	2L:-:14021138-14021397,14020901-14020925	exon=> In CDS Exon 4 and 3 of transcript AGAP005316-PA
JHU_Ag_110722	SFFGKLFSGK	AGAP005316-PA	N-Term(Acetyl)	50	0.000188863	2	1159.618	3.15	Malpighian tubule	2L:-:14021990-14021961	exon=> In CDS Exon 1 of transcript AGAP005316-PA
JHU_Ag_115633	ELLGVQPETDELPEVPSTDLPAK	AGAP005316-PA	-	78	1.99E-07	1	2477.270	1.79	Head	2L:-:14021231-14021163	exon=> In CDS Exon 3 of transcript AGAP005316-PA
JHU_Ag_115874	EALENANTNAEVLK	AGAP005316-PA	-	72	9.73E-07	2	1515.761	-2.7	Midgut	2L:-:14021587-14021546	exon=> In CDS Exon 2 of transcript AGAP005316-PA
JHU_Ag_26827	VLDGTTLVQQNTLK	AGAP005320-PA	-	113	4.07E-11	1	1529.853	-0.14	Ovary	2L:+:14034372-14034413	exon=> In CDS Exon 2 of transcript AGAP005320-PA
JHU_Ag_36305	VLDGTTLVQQNTLK	AGAP005320-PA	-	97	1.69E-09	2	1529.853	-0.38	Midgut	2L:+:14034372-14034413	exon=> In CDS Exon 2 of transcript AGAP005320-PA
JHU_Ag_53875	TIQPLLQIPVEGFVNAIEFTSDGK	AGAP005320-PA	-	173	3.50E-17	1	2616.395	1.02	Ovary	2L:+:14034921-14034992	exon=> In CDS Exon 2 of transcript AGAP005320-PA
JHU_Ag_98106	NSVIHAIALSHDLK	AGAP005320-PA	-	89	8.43E-09	1	1517.851	5.09	Ovary	2L:+:14034294-14034335	exon=> In CDS Exon 2 of transcript AGAP005320-PA
JHU_Ag_110329	FLVVAVGQEHR	AGAP005320-PA	-	47	0.000131757	1	1254.695	-0.41	Ovary	2L:+:14034993-14035025	exon=> In CDS Exon 2 of transcript AGAP005320-PA
JHU_Ag_94721	LPEIAR	AGAP005321-PA	-	31	0.003734575	1	698.420	1.17	Visceras	2L:-:14035917-14035900	exon=> In CDS Exon 2 of transcript AGAP005321-PA
JHU_Ag_89919	GVTTAGSNTAAGTGTPNSPLER	AGAP005322-PA	-	63	7.87E-06	2	2059.006	0.49	Ovary	2L:+:14043563-14043628	exon=> In CDS Exon 1 of transcript AGAP005322-PA
JHU_Ag_15145	DYCRDDDHIAHIIELLGPIPK	AGAP005322-PA,AGAP005322-PB	C3(Carbamidomethyl)	105	3.66E-10	1	2490.262	6.96	Ovary	2L:+:14044229-14044291;2L:+:14044229-14044291	exon=> In CDS Exon 1 of transcript AGAP005322-PA;exon=> In CDS Exon 3 of transcript AGAP005322-PB
JHU_Ag_87688	DDDHIAHIIELLGPIPK	AGAP005322-PA,AGAP005322-PB	-	37	0.001178094	3	1896.026	1.57	Head	2L:+:14044241-14044291;2L:+:14044241-14044291	exon=> In CDS Exon 1 of transcript AGAP005322-PA;exon=> In CDS Exon 3 of transcript AGAP005322-PB
JHU_Ag_110406	DDDHIAHIIELLGPIPK	AGAP005322-PA,AGAP005322-PB	-	82	3.86E-08	1	1896.033	5.63	Ovary	2L:+:14044241-14044291;2L:+:14044241-14044291	exon=> In CDS Exon 1 of transcript AGAP005322-PA;exon=> In CDS Exon 3 of transcript AGAP005322-PB

JHU_Ag_85083	VVHNYGHGGYGVTTAPGTAK	AGAP005323-PA	-	62	1.11E-05	1	1985.987	1.89	Malpighian tubule	2L:+:14072982-14073041	exon=> In CDS Exon 4 of transcript AGAP005323-PA
JHU_Ag_2902	FMTHGNGVSCPESLR	AGAP005325-PA	M2(Oxidation), C10(Carbamidomethyl)	77	1.56E-07	1	1707.758	0.37	Head	2L:+:14107466-14107477,14107551-14107583	exon=> In CDS Exon 4 and 5 of transcript AGAP005325-PA
JHU_Ag_4715	YMNTICGDVLEK	AGAP005325-PA	M2(Oxidation), C6(Carbamidomethyl)	49	0.000126028	2	1458.661	0.63	Male reproductive organs	2L:+:14107229-14107264	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_10170	MYEDQLAK	AGAP005325-PA	M1(Oxidation)	33	0.003845783	1	1013.458	-3.07	Ovary	2L:+:14107584-14107607	exon=> In CDS Exon 5 of transcript AGAP005325-PA
JHU_Ag_11238	ISFEQIR	AGAP005325-PA	-	42	0.000828634	2	892.489	0.1	Salivary gland	2L:+:14102128-14102139,14105201-14105209	exon=> In CDS Exon 1 and 2 of transcript AGAP005325-PA
JHU_Ag_18593	TILESSFQVLKPDGK	AGAP005325-PA	-	73	3.76E-07	2	1661.912	0.88	Pupa	2L:+:14107421-14107465	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_21192	TILESSFQVLKPDGK	AGAP005325-PA	-	88	1.12E-08	1	1661.917	3.82	Ovary	2L:+:14107421-14107465	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_30942	TILESSFQVLKPDGK	AGAP005325-PA	-	85	2.64E-08	1	1661.912	0.88	Head	2L:+:14107421-14107465	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_47619	TILESSFQVLKPDGK	AGAP005325-PA	-	83	3.66E-08	1	1661.912	0.66	Male reproductive organs	2L:+:14107421-14107465	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_48470	TILESSFQVLKPDGK	AGAP005325-PA	-	63	3.20E-06	2	1661.915	2.35	Salivary gland	2L:+:14107421-14107465	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_54928	ISFEQIR	AGAP005325-PA	-	40	0.001555405	2	892.488	-1.27	Pupa	2L:+:14102128-14102139,14105201-14105209	exon=> In CDS Exon 1 and 2 of transcript AGAP005325-PA
JHU_Ag_58694	YMNTICGDVLEK	AGAP005325-PA	M2(Oxidation), C6(Carbamidomethyl)	87	1.89E-08	1	1458.659	-0.88	Ovary	2L:+:14107229-14107264	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_60341	TILESSFQVLKPDGK	AGAP005325-PA	-	88	1.26E-08	1	1661.913	1.47	Midgut	2L:+:14107421-14107465	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_63040	IIDEVSR	AGAP005325-PA	-	43	0.000837311	1	831.455	-2.08	Ovary	2L:+:14101903-14101923	exon=> In CDS Exon 1 of transcript AGAP005325-PA
JHU_Ag_66925	VIEYDIDR	AGAP005325-PA	-	53	6.55E-05	1	1022.515	-0.57	Ovary	2L:+:14106757-14106780	exon=> In CDS Exon 3 of transcript AGAP005325-PA
JHU_Ag_77744	SANSILLDFSLDPAR	AGAP005325-PA	N-Term(Acetyl)	37	0.00326249	2	1660.856	0.89	Ovary	2L:+:14101858-14101902	exon=> In CDS Exon 1 of transcript AGAP005325-PA
JHU_Ag_77799	IQIVHSR	AGAP005325-PA	-	52	3.10E-05	1	852.505	0.08	Ovary	2L:+:14106814-14106834	exon=> In CDS Exon 3 of transcript AGAP005325-PA
JHU_Ag_78174	EICILGGGDGALLYELLK	AGAP005325-PA	C3(Carbamidomethyl)	140	1.10E-13	1	1934.033	1.08	Ovary	2L:+:14107112-14107165	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_81495	SLGNMLVLDELQNIAEADLIYTETLMCR	AGAP005325-PA	M5(Oxidation), M26(Oxidation), C27(Carbamidomethyl)	151	1.07E-14	1	3257.570	-1.1	Ovary	2L:+:14106835-14106871,14107041-14107087	exon=> In CDS Exon 3 and 4 of transcript AGAP005325-PA
JHU_Ag_85743	ISFEQIR	AGAP005325-PA	-	41	0.001185395	2	892.488	-0.52	Ovary	2L:+:14102128-14102139,14105201-14105209	exon=> In CDS Exon 1 and 2 of transcript AGAP005325-PA
JHU_Ag_96010	ISFEQIRELENNLVQK	AGAP005325-PA	-	76	1.85E-07	1	1960.056	3.27	Malpighian tubule	2L:+:14102128-14102139,14105201-14105236	exon=> In CDS Exon 1 and 2 of transcript AGAP005325-PA
JHU_Ag_103116	ISFEQIR	AGAP005325-PA	-	45	0.000442958	2	892.489	-0.25	Male reproductive organs	2L:+:14102128-14102139,14105201-14105209	exon=> In CDS Exon 1 and 2 of transcript AGAP005325-PA
JHU_Ag_107477	FNHGQSLPPLQR	AGAP005325-PA	-	88	1.94E-08	1	1393.732	-0.78	Head	2L:+:14105243-14105278	exon=> In CDS Exon 2 of transcript AGAP005325-PA
JHU_Ag_107595	ELENNLVQK	AGAP005325-PA	-	53	6.93E-05	2	1086.577	-1.78	Ovary	2L:+:14105210-14105236	exon=> In CDS Exon 2 of transcript AGAP005325-PA

JHU_Ag_108902	FMTHGNGVSCPESLR	AGAP005325-PA	M2(Oxidation), C10(Carbamidomethyl)	51	6.73E-05	1	1707.759	0.97	Ovary	2L:+:14107466-14107477,14107551-14107583	exon=> In CDS Exon 4 and 5 of transcript AGAP005325-PA
JHU_Ag_115058	KFDYVFGDLTDIPISDTPTGEIWDFIR	AGAP005325-PA	-	174	5.17E-17	1	3160.558	2.12	Ovary	2L:+:14107340-14107420	exon=> In CDS Exon 4 of transcript AGAP005325-PA
JHU_Ag_10897	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	147	2.08E-14	1	1867.983	3.82	Head	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_10913	TTVLLGDMNDYATVNEEYKK	AGAP005327-PA	M8(Oxidation)	96	3.59E-09	1	2320.103	0.53	Ovary	2L:+:14115002-14115061	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_13731	ALAPYNQAIVADR	AGAP005327-PA	-	81	1.18E-07	1	1401.746	-2.15	Head	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_14988	VFNSSFPAR	AGAP005327-PA	-	66	3.13E-06	2	1024.519	-1.61	Ovary	2L:+:14115062-14115062,14115351-14115376	exon=> In CDS Exon 2 and 3 of transcript AGAP005327-PA
JHU_Ag_15269	ALEHLTNLLSEAGSGIDKVVK	AGAP005327-PA	-	138	5.84E-14	1	2194.220	5.69	Malpighian tubule	2L:+:14114939-14115001	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_15759	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	157	2.11E-15	1	1867.975	-0.37	Ovary	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_16702	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	162	5.96E-16	1	1867.986	5.52	Visceras	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_19589	LVPGGAAAQTAK	AGAP005327-PA	-	83	3.29E-08	1	1083.615	-0.88	Ovary	2L:+:14114903-14114938	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_23160	VFNSSFPAR	AGAP005327-PA	-	63	4.87E-06	2	1024.521	0.06	Head	2L:+:14115062-14115062,14115351-14115376	exon=> In CDS Exon 2 and 3 of transcript AGAP005327-PA
JHU_Ag_23182	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	149	1.27E-14	1	1867.982	2.97	Midgut	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_25293	TTVLLGDMNDYATVNEEYKK	AGAP005327-PA	-	57	3.66E-05	1	2304.114	3.04	Visceras	2L:+:14115002-14115061	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_28688	TTVLLGDMNDYATVNEEYKK	AGAP005327-PA	M8(Oxidation)	65	5.45E-06	2	2320.107	2.61	Head	2L:+:14115002-14115061	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_33278	LVPGGAAAQTAK	AGAP005327-PA	-	59	7.69E-06	2	1083.615	-0.32	Head	2L:+:14114903-14114938	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_34369	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	88	1.76E-08	2	1867.976	-0.1	Male reproductive organs	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_35445	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	123	5.96E-12	1	1867.979	1.33	Malpighian tubule	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_43337	TVYCSGVLGMELDTLK	AGAP005327-PA	C4(Carbamidomethyl), M10(Oxidation)	74	5.23E-07	2	1801.877	3.39	Head	2L:+:14114855-14114902	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_49272	LVPGGAAAQTAK	AGAP005327-PA	-	46	0.000152713	2	1083.617	1.03	Male reproductive organs	2L:+:14114903-14114938	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_51911	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	89	1.53E-08	1	1867.974	-1.09	Salivary gland	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_54131	VFNSSFPAR	AGAP005327-PA	-	47	0.000278038	1	1024.521	-0.22	Malpighian tubule	2L:+:14115062-14115062,14115351-14115376	exon=> In CDS Exon 2 and 3 of transcript AGAP005327-PA
JHU_Ag_54587	TTVLLGDMNDYATVNEEYKK	AGAP005327-PA	M8(Oxidation)	112	9.81E-11	2	2320.101	-0.12	Midgut	2L:+:14115002-14115061	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_55684	LVPGGAAAQTAK	AGAP005327-PA	-	57	1.36E-05	2	1083.619	2.95	Larva	2L:+:14114903-14114938	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_59023	ALAPYNQAIVADR	AGAP005327-PA	-	94	5.65E-09	1	1401.751	1.85	Ovary	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_61422	TVYCSGVLGMELDTLK	AGAP005327-PA	C4(Carbamidomethyl), M10(Oxidation)	118	2.24E-11	1	1801.875	2.04	Ovary	2L:+:14114855-14114902	exon=> In CDS Exon 2 of transcript AGAP005327-PA

JHU_Ag_65847	LVPGGAAAQTAK	AGAP005327-PA	-	42	0.000431395	1	1083.616	0.13	Pupa	2L:+:14114903-14114938	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_67123	VFNSSFPAR	AGAP005327-PA	-	53	7.06E-05	2	1024.521	-0.18	Male reproductive organs	2L:+:14115062-14115062,14115351-14115376	exon=> In CDS Exon 2 and 3 of transcript AGAP005327-PA
JHU_Ag_70669	ALAPYNQAIVADR	AGAP005327-PA	-	97	2.73E-09	1	1401.752	2.37	Malpighian tubule	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_74238	ALEHLTNLLSEAGSGIDK	AGAP005327-PA	-	100	1.07E-09	2	1867.991	8	Larva	2L:+:14114939-14114992	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_76848	TVYCSGVLGMELDTLK	AGAP005327-PA	C4(Carbamidomethyl), M10(Oxidation)	90	1.47E-08	2	1801.874	1.84	Male reproductive organs	2L:+:14114855-14114902	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_83096	KVISTK	AGAP005327-PA	-	34	0.000710023	1	675.440	0.66	Male reproductive organs	2L:+:14114719-14114736	exon=> In CDS Exon 1 of transcript AGAP005327-PA
JHU_Ag_90249	TVYCSGVLGMELDTLK	AGAP005327-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M10(Oxidation)"	129	1.71E-12	1	1785.882	3.17	Visceras	2L:+:14114855-14114902	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_90418	ALAPYNQAIVADR	AGAP005327-PA	-	57	2.62E-05	2	1401.749	0.63	Pupa	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_95632	VFNSSFPAR	AGAP005327-PA	-	62	6.81E-06	2	1024.522	0.9	Visceras	2L:+:14115062-14115062,14115351-14115376	exon=> In CDS Exon 2 and 3 of transcript AGAP005327-PA
JHU_Ag_97622	LPLGAAVEIEAIALTGSVVHISE	AGAP005327-PA	-	147	5.31E-15	1	2289.273	1.13	Ovary	2L:+:14115398-14115466	exon=> In CDS Exon 3 of transcript AGAP005327-PA
JHU_Ag_103073	TTVLLGDMNDYATVNEEYKK	AGAP005327-PA	M8(Oxidation)	52	0.000112399	2	2320.102	0.19	Male reproductive organs	2L:+:14115002-14115061	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_106129	ALEHLTNLLSEAGSGIDKVVK	AGAP005327-PA	-	167	7.07E-17	1	2194.217	4.02	Visceras	2L:+:14114939-14115001	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_106181	LPLGAAVEIEAIALTGSVVHISE	AGAP005327-PA	-	89	3.65E-09	1	2289.276	2.43	Malpighian tubule	2L:+:14115398-14115466	exon=> In CDS Exon 3 of transcript AGAP005327-PA
JHU_Ag_107123	TTVLLGDMNDYATVNEEYKK	AGAP005327-PA	M8(Oxidation)	43	0.000747917	1	2320.108	2.82	Malpighian tubule	2L:+:14115002-14115061	exon=> In CDS Exon 2 of transcript AGAP005327-PA
JHU_Ag_108547	ALAPYNQAIVADR	AGAP005327-PA	-	72	8.35E-07	2	1401.747	-1.11	Midgut	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_113715	ALAPYNQAIVADR	AGAP005327-PA	-	96	3.42E-09	2	1401.753	3.16	Visceras	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_116245	ALAPYNQAIVADR	AGAP005327-PA	-	58	2.45E-05	2	1401.749	0.54	Male reproductive organs	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_117091	ALAPYNQAIVADR	AGAP005327-PA	-	58	2.41E-05	1	1401.754	3.68	Larva	2L:+:14114749-14114765,14114833-14114854	exon=> In CDS Exon 1 and 2 of transcript AGAP005327-PA
JHU_Ag_115544	AKQHSVPVLQK	AGAP005330-PA	Q10(Deamidated)	28	0.002582486	1	1235.727	12.79	Malpighian tubule	2L:-:14180738-14180706	exon=> In CDS Exon 4 of transcript AGAP005330-PA
JHU_Ag_16655	KHHSIIVK	AGAP005331-PA	-	30	0.002227173	2	961.589	-5.55	Visceras	2L:-:14188957-14188934	exon=> In CDS Exon 1 of transcript AGAP005331-PA
JHU_Ag_112838	KHHSIIVK	AGAP005331-PA	-	32	0.001804307	2	961.583	-12.09	Head	2L:-:14188957-14188934	exon=> In CDS Exon 1 of transcript AGAP005331-PA

JHU_Ag_566	QQNQTESDDNGGAR	AGAP005332-PA	Q1(Deamidated), N3(Deamidated), Q4(Deamidated), N10(Deamidated),"Q1(Deamidated), Q2(Deamidated), Q4(Deamidated), N10(Deamidated)","Q2(Deamidated), N3(Deamidated), Q4(Deamidated), N10(Deamidated)"	25	0.003052978	1	1523.580	4.35	Head	2L:+:14207518-14207559	exon=> In CDS Exon 3 of transcript AGAP005332-PA
JHU_Ag_114378	ALAGNSHDCPNCVEESSAPPR	AGAP005332-PB	C9(Carbamidomethyl), C12(Carbamidomethyl)	33	0.003560899	1	2267.984	3.23	Head	2L:+:14222865-14222886,14230361-14230401	exon=> In CDS Exon 1 and 2 of transcript AGAP005332-PB
JHU_Ag_111234	FHGMQLASIQTQEENDRLEK	AGAP005332-PC,AGAP005332-PA,AGAP005332-PB	M4(Oxidation)	57	3.69E-05	1	2390.143	0.94	Head	2L:+:14230566-14230625;2L:+:14230566-14230625;2L:+:14230566-14230625	exon=> In CDS Exon 2 of transcript AGAP005332-PC;exon=> In CDS Exon 6 of transcript AGAP005332-PA;exon=> In CDS Exon 3 of transcript AGAP005332-PB
JHU_Ag_21484	RLDIQEALK	AGAP005336-PA	-	45	0.000272573	2	1085.630	-1.01	Head	2L:+:14237779-14237805	exon=> In CDS Exon 3 of transcript AGAP005336-PA
JHU_Ag_11177	NTVLGLFNVTR	AGAP005342-PA	-	54	2.84E-05	2	1233.696	0.45	Malpighian tubule	2L:-:14290642-14290610	exon=> In CDS Exon 3 of transcript AGAP005342-PA
JHU_Ag_35272	EVEQLLQNR	AGAP005342-PA	Q7(Deamidated),N8(Deamidated)	35	0.003658978	1	1129.585	0.05	Malpighian tubule	2L:-:14291060-14291180,14290746-14290938	exon=> In CDS Exon 2 and 1 of transcript AGAP005342-PA
JHU_Ag_8470	MQDNRPELYEEVK	AGAP005344-PA	N-Term(Acetyl), M1(Oxidation)	50	0.0001265	1	1708.789	2.48	Male reproductive organs	2L:+:14295886-14295924	exon=> In CDS Exon 1 of transcript AGAP005344-PA
JHU_Ag_22620	DCITPQEYTAACSK	AGAP005344-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	72	3.26E-07	1	1643.707	1.7	Head	2L:+:14296024-14296065	exon=> In CDS Exon 1 of transcript AGAP005344-PA
JHU_Ag_27943	IVQGDEFPTIDSFVK	AGAP005344-PA	-	82	9.13E-08	2	1694.865	0.74	Midgut	2L:+:14296096-14296140	exon=> In CDS Exon 1 of transcript AGAP005344-PA
JHU_Ag_32336	MQDNRPELYEEVK	AGAP005344-PA	N-Term(Acetyl), M1(Oxidation)	52	7.78E-05	1	1708.783	-0.81	Head	2L:+:14295886-14295924	exon=> In CDS Exon 1 of transcript AGAP005344-PA
JHU_Ag_43819	MQDNRPELYEEVKLYR	AGAP005344-PA	N-Term(Acetyl), M1(Oxidation)	75	5.19E-07	1	2141.038	2.27	Malpighian tubule	2L:+:14295886-14295933	exon=> In CDS Exon 1 of transcript AGAP005344-PA
JHU_Ag_67294	MQDNRPELYEEVK	AGAP005344-PA	N-Term(Acetyl), M1(Oxidation)	59	1.54E-05	1	1708.784	-0.24	Midgut	2L:+:14295886-14295924	exon=> In CDS Exon 1 of transcript AGAP005344-PA
JHU_Ag_103508	QLLFDLESSYSAFNNLLHTT	AGAP005344-PA	-	36	0.003769379	1	2313.145	2.31	Ovary	2L:+:14296456-14296515	exon=> In CDS Exon 1 of transcript AGAP005344-PA
JHU_Ag_8258	FVINFDFPTTSEDYIHR	AGAP005351-PA	-	57	3.35E-05	1	2101.013	4.73	Head	2L:-:14446937-14446887	exon=> In CDS Exon 3 of transcript AGAP005351-PA
JHU_Ag_24580	YAGFTTPTPIQAQGWPIALSGR	AGAP005351-PA	-	41	0.000894025	2	2332.214	2.2	Head	2L:-:14450129-14450064	exon=> In CDS Exon 2 of transcript AGAP005351-PA
JHU_Ag_77127	LSILLR	AGAP005351-PA	-	34	0.000795131	2	714.488	1.39	Salivary gland	2L:-:14449475-14449458	exon=> In CDS Exon 2 of transcript AGAP005351-PA
JHU_Ag_79497	TLSYLIPALIHIDQQPR	AGAP005351-PA	-	33	0.001142231	2	1978.119	3.65	Malpighian tubule	2L:-:14450027-14449977	exon=> In CDS Exon 2 of transcript AGAP005351-PA
JHU_Ag_85663	DYAQINVGSLK	AGAP005351-PA	-	45	0.000417421	2	1207.634	2.22	Salivary gland	2L:-:14449574-14449542	exon=> In CDS Exon 2 of transcript AGAP005351-PA
JHU_Ag_39824	RGDGPIALILAPTR	AGAP005351-PA,AGAP005652-PA	-	28	0.0024062	2	1449.859	3.43	Malpighian tubule	2L:-:14449970-14449929;2L:+:18295026-18295067	exon=> In CDS Exon 2 of transcript AGAP005351-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA

JHU_Ag_71150	RGDGPIALILAPTR	AGAP005351-PA,AGAP005652-PA	-	58	2.43E-06	1	1449.859	3.6	Head	2L:-:14449970-14449929;2L:+:18295026-18295067	exon=> In CDS Exon 2 of transcript AGAP005351-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_2675	RGEGDYINANLVK	AGAP005352-PA	-	44	0.000621858	2	1448.752	1.62	Head	2L:+:14470220-14470258	exon=> In CDS Exon 1 of transcript AGAP005352-PA
JHU_Ag_63662	VSVQDVLLELR	AGAP005352-PA,AGAP005352-PB	-	72	3.81E-07	2	1270.741	3.1	Head	2L:+:14471041-14471073;2L:+:14471041-14471073	exon=> In CDS Exon 4 of transcript AGAP005352-PA;exon=> In CDS Exon 3 of transcript AGAP005352-PB
JHU_Ag_65977	VSVQDVLLELR	AGAP005352-PA,AGAP005352-PB	-	65	1.52E-06	2	1270.749	9.82	Ovary	2L:+:14471041-14471073;2L:+:14471041-14471073	exon=> In CDS Exon 4 of transcript AGAP005352-PA;exon=> In CDS Exon 3 of transcript AGAP005352-PB
JHU_Ag_100313	VSVQDVLLELR	AGAP005352-PA,AGAP005352-PB	-	64	2.43E-06	1	1270.735	-1.32	Midgut	2L:+:14471041-14471073;2L:+:14471041-14471073	exon=> In CDS Exon 4 of transcript AGAP005352-PA;exon=> In CDS Exon 3 of transcript AGAP005352-PB
JHU_Ag_5279	LLQSYVEPMLIEGR	AGAP005364-PA	M9(Oxidation)	51	9.49E-05	2	1663.876	2.15	Male reproductive organs	2L:+:14655762-14655780,14656393-14656415	exon=> In CDS Exon 4 and 5 of transcript AGAP005364-PA
JHU_Ag_9525	YNGPVLLIR	AGAP005364-PA	-	55	3.16E-05	2	1044.620	0.2	Male reproductive organs	2L:+:14657022-14657048	exon=> In CDS Exon 6 of transcript AGAP005364-PA
JHU_Ag_10080	TADGNEIDTIVVDNR	AGAP005364-PA	-	54	6.47E-05	2	1631.782	-3.24	Head	2L:+:14656461-14656505	exon=> In CDS Exon 5 of transcript AGAP005364-PA
JHU_Ag_44760	LLQSYVEPMLIEGR	AGAP005364-PA	-	48	0.000165299	1	1647.885	4.57	Midgut	2L:+:14655762-14655780,14656393-14656415	exon=> In CDS Exon 4 and 5 of transcript AGAP005364-PA
JHU_Ag_47250	YNGPVLLIR	AGAP005364-PA	-	39	0.001154612	2	1044.620	0.31	Head	2L:+:14657022-14657048	exon=> In CDS Exon 6 of transcript AGAP005364-PA
JHU_Ag_68962	YRFPNILKPEQETYAK	AGAP005364-PA	-	32	0.006318809	1	1997.060	5.66	Midgut	2L:+:14657220-14657267	exon=> In CDS Exon 7 of transcript AGAP005364-PA
JHU_Ag_103657	GNFLLISMLK	AGAP005364-PA	-	46	0.000123925	2	1135.656	1.63	Head	2L:+:14657190-14657219	exon=> In CDS Exon 7 of transcript AGAP005364-PA
JHU_Ag_112229	RYDFDFEQWPVDYTVK	AGAP005364-PA	-	32	0.00996133	1	2107.983	3.16	Midgut	2L:+:14655498-14655545	exon=> In CDS Exon 3 of transcript AGAP005364-PA
JHU_Ag_115031	ELLSKPVDFIK	AGAP005364-PA	-	47	8.42E-05	1	1288.750	-0.88	Midgut	2L:+:14657268-14657300	exon=> In CDS Exon 7 of transcript AGAP005364-PA
JHU_Ag_4993	HFQILSEDGGLTEIGPR	AGAP005365-PA	-	44	0.000520396	1	1868.954	1.95	Malpighian tubule	2L:-:14659326-14659276	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_22390	VITFTYLDNR	AGAP005365-PA	-	58	1.64E-05	1	1241.652	-0.58	Ovary	2L:-:14659368-14659339	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_55080	IFSGSFGGDPIWENADYQSPAK	AGAP005365-PA	-	87	2.90E-08	2	2386.107	3.67	Visceras	2L:-:14659254-14659189	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_57582	ELLVQIFGVPNHHPK	AGAP005365-PA	-	54	2.49E-05	1	1727.961	1.01	Ovary	2L:-:14659434-14659390	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_79328	HFQILSEDGGLTEIGPR	AGAP005365-PA	-	113	5.85E-11	1	1868.960	5.19	Ovary	2L:-:14659326-14659276	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_92013	ELLVQIFGVPNHHPK	AGAP005365-PA	-	37	0.001138749	1	1727.962	1.36	Head	2L:-:14659434-14659390	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_95059	ISDEPIPK	AGAP005365-PA	-	35	0.00269693	2	898.487	-0.8	Ovary	2L:-:14659908-14659885	exon=> In CDS Exon 1 of transcript AGAP005365-PA
JHU_Ag_106342	GSRPLLSFSEDFTK	AGAP005365-PA	-	89	1.82E-08	1	1583.808	1.25	Ovary	2L:-:14659500-14659459	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_110986	VITFTYLDNR	AGAP005365-PA	-	49	0.000111052	2	1241.655	1.68	Visceras	2L:-:14659368-14659339	exon=> In CDS Exon 2 of transcript AGAP005365-PA
JHU_Ag_39390	DRPNYHQQQQQQQR	AGAP005366-PA	-	33	0.008001774	1	1853.866	-4.6	Head	2L:+:14664187-14664228	exon=> In CDS Exon 5 of transcript AGAP005366-PA
JHU_Ag_90209	MIEEFIEADVPK	AGAP005366-PA	M1(Oxidation)	50	0.000176408	2	1436.705	4.73	Head	2L:+:14662070-14662105	exon=> In CDS Exon 2 of transcript AGAP005366-PA

JHU_Ag_4219	KPTQAATPK	AGAP005369-PA	-	47	9.87E-05	2	941.544	2.71	Ovary	2L:-:14702738-14702712	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_19325	KPALAATPK	AGAP005369-PA	-	43	7.95E-05	1	896.559	2.94	Malpighian tubule	2L:-:14701439-14701413	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_20103	TPAKAPATAAAK	AGAP005369-PA	-	35	0.001649269	1	1097.635	3.22	Malpighian tubule	2L:-:14701097-14701062	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_25641	IKPEEIEIDER	AGAP005369-PA	-	69	1.42E-06	1	1370.719	2.12	Ovary	2L:-:14700281-14700249	exon=> In CDS Exon 4 of transcript AGAP005369-PA
JHU_Ag_31144	KPAQAATPK	AGAP005369-PA	-	27	0.007251954	2	911.530	-0.88	Head	2L:-:14701895-14701869	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_38889	KPTQAAAAAK	AGAP005369-PA	-	61	7.77E-06	1	956.556	3.32	Ovary	2L:-:14702585-14702556	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_46998	KPAQAATPK	AGAP005369-PA	-	40	0.000402516	2	911.531	-0.08	Salivary gland	2L:-:14701895-14701869	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_49035	KPALAATPK	AGAP005369-PA	-	51	1.23E-05	1	896.559	3.21	Ovary	2L:-:14701439-14701413	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_63131	SGYLGGLIDK	AGAP005369-PA	-	51	8.05E-05	2	1022.552	0.01	Ovary	2L:-:14699062-14699033	exon=> In CDS Exon 5 of transcript AGAP005369-PA
JHU_Ag_76550	KPAQAAAAAK	AGAP005369-PA	-	59	5.93E-06	2	926.542	-0.13	Salivary gland	2L:-:14702309-14702280	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_90339	KPAQAAAAAK	AGAP005369-PA	-	61	3.72E-06	1	926.544	2.64	Ovary	2L:-:14702309-14702280	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_92993	KPAQAATPK	AGAP005369-PA	-	46	8.81E-05	1	911.534	3.27	Ovary	2L:-:14701895-14701869	exon=> In CDS Exon 3 of transcript AGAP005369-PA
JHU_Ag_8915	DKTFAAVFQK	AGAP005369-PA,AGAP005369-PB	-	47	0.000160926	1	1154.621	0.35	Salivary gland	2L:-:14706873-14706844;2L:-:14706873-14706844	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_18223	AALADSVLDALVYEHLSK	AGAP005369-PA,AGAP005369-PB	N-Term(Acetyl)	150	1.06E-14	1	1957.039	5.92	Salivary gland	2L:-:14706930-14706877;2L:-:14706930-14706877	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_26674	AALADSVLDALVYEHLSK	AGAP005369-PA,AGAP005369-PB	N-Term(Acetyl)	182	6.98E-18	1	1957.029	0.87	Ovary	2L:-:14706930-14706877;2L:-:14706930-14706877	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_42933	KLVVNSQQK	AGAP005369-PA,AGAP005369-PB	-	48	0.000109216	2	1043.623	1.84	Ovary	2L:-:14705990-14705964;2L:-:14705990-14705964	exon=> In CDS Exon 2 of transcript AGAP005369-PA;exon=> In CDS Exon 2 of transcript AGAP005369-PB
JHU_Ag_49321	AALADSVLDALVYEHLSK	AGAP005369-PA,AGAP005369-PB	N-Term(Acetyl)	105	3.35E-10	2	1957.038	5.05	Midgut	2L:-:14706930-14706877;2L:-:14706930-14706877	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_54438	KAQEEEEEDEDDDDDEDDDEEEEEETPKPVLQK	AGAP005369-PA,AGAP005369-PB	Q32(Deamidated),Q3(Deamidated)	105	2.94E-11	1	3951.523	-5.2	Ovary	2L:-:14705534-14705436;2L:-:14705534-14705436	exon=> In CDS Exon 2 of transcript AGAP005369-PA;exon=> In CDS Exon 2 of transcript AGAP005369-PB
JHU_Ag_54807	AALADSVLDALVYEHLSK	AGAP005369-PA,AGAP005369-PB	N-Term(Acetyl)	158	1.82E-15	1	1957.034	3.18	Malpighian tubule	2L:-:14706930-14706877;2L:-:14706930-14706877	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_65365	DKTFAAVFQK	AGAP005369-PA,AGAP005369-PB	-	53	3.71E-05	2	1154.622	0.88	Ovary	2L:-:14706873-14706844;2L:-:14706873-14706844	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB

JHU_Ag_69535	TFAAVFQK	AGAP005369-PA,AGAP005369-PB	-	59	8.13E-06	1	911.502	4.23	Ovary	2L:-:14706867-14706844;2L:-:14706867-14706844	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_71045	LVVNSQQK	AGAP005369-PA,AGAP005369-PB	-	50	0.000153911	1	915.530	4.03	Ovary	2L:-:14705987-14705964;2L:-:14705987-14705964	exon=> In CDS Exon 2 of transcript AGAP005369-PA;exon=> In CDS Exon 2 of transcript AGAP005369-PB
JHU_Ag_74076	AALADSVLDALVYEHLSKK	AGAP005369-PA,AGAP005369-PB	N-Term(Acetyl)	113	3.13E-11	1	2085.130	3.45	Ovary	2L:-:14706930-14706874;2L:-:14706930-14706874	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_80020	KFQSPVLPK	AGAP005369-PA,AGAP005369-PB	-	37	0.001790977	1	1043.625	0.08	Malpighian tubule	2L:-:14706843-14706933,14705397-14706042;2L:-:14706843-14706933,14705397-14706042	exon=> In CDS Exon 2 and 1 of transcript AGAP005369-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005369-PB
JHU_Ag_86778	KAQEEEEEDEDDDDDEDDDEEEEEETPKPVLQK	AGAP005369-PA,AGAP005369-PB	Q3(Deamidated)	38	0.000100265	3	3951.510	-8.44	Head	2L:-:14705534-14705436;2L:-:14705534-14705436	exon=> In CDS Exon 2 of transcript AGAP005369-PA;exon=> In CDS Exon 2 of transcript AGAP005369-PB
JHU_Ag_96063	LDEIVK	AGAP005369-PA,AGAP005369-PB	-	44	0.000501716	1	716.419	-0.39	Male reproductive organs	2L:-:14706029-14706012;2L:-:14706029-14706012	exon=> In CDS Exon 2 of transcript AGAP005369-PA;exon=> In CDS Exon 2 of transcript AGAP005369-PB
JHU_Ag_107606	TFAAVFQK	AGAP005369-PA,AGAP005369-PB	-	40	0.000711609	2	911.499	0.35	Salivary gland	2L:-:14706867-14706844;2L:-:14706867-14706844	exon=> In CDS Exon 1 of transcript AGAP005369-PA;exon=> In CDS Exon 1 of transcript AGAP005369-PB
JHU_Ag_110758	KFQSPVLPK	AGAP005369-PA,AGAP005369-PB	-	46	0.000221866	2	1043.624	-0.62	Ovary	2L:-:14706843-14706933,14705397-14706042;2L:-:14706843-14706933,14705397-14706042	exon=> In CDS Exon 2 and 1 of transcript AGAP005369-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005369-PB
JHU_Ag_11947	KPYESKPGDWECDACGANNFR	AGAP005369-PB	C12(Carbamidomethyl), C15(Carbamidomethyl)	123	2.02E-12	1	2501.063	0.67	Ovary	2L:-:14704591-14704529	exon=> In CDS Exon 3 of transcript AGAP005369-PB
JHU_Ag_21626	SFDGAPPPNKK	AGAP005369-PB	-	58	1.78E-05	1	1157.597	1.48	Ovary	2L:-:14704147-14704115	exon=> In CDS Exon 3 of transcript AGAP005369-PB
JHU_Ag_30846	KPYESKPGDWECDACGANNFR	AGAP005369-PB	C12(Carbamidomethyl), C15(Carbamidomethyl)	82	2.83E-08	1	2501.065	1.54	Malpighian tubule	2L:-:14704591-14704529	exon=> In CDS Exon 3 of transcript AGAP005369-PB
JHU_Ag_55416	SFGGFDNR	AGAP005369-PB	-	49	5.36E-05	1	899.402	1.32	Ovary	2L:-:14704684-14704661	exon=> In CDS Exon 3 of transcript AGAP005369-PB
JHU_Ag_67970	SFGGFDNRNGNSGGGYNK	AGAP005369-PB	N7(Deamidated),N9(Deamidated)	56	1.54E-05	2	1848.795	2.94	Ovary	2L:-:14704684-14704631	exon=> In CDS Exon 3 of transcript AGAP005369-PB
JHU_Ag_102322	QQGGNNNDQYGEK	AGAP005369-PB	-	49	8.18E-05	2	1451.620	3.82	Ovary	2L:-:14704630-14704592	exon=> In CDS Exon 3 of transcript AGAP005369-PB
JHU_Ag_104878	SFDGAPPPNK	AGAP005369-PB	-	49	0.000115882	2	1029.504	3.92	Ovary	2L:-:14704147-14704118	exon=> In CDS Exon 3 of transcript AGAP005369-PB
JHU_Ag_194	VVASFVDLYDTFSQGQEPK	AGAP005371-PA	-	46	0.000371695	3	2130.043	1.76	Pupa	2L:-:14712173-14712117	exon=> In CDS Exon 2 of transcript AGAP005371-PA
JHU_Ag_9458	LLQPHIPVYFYYFNYK	AGAP005371-PA	-	54	4.60E-05	1	2105.087	-1.11	Malpighian tubule	2L:-:14712356-14712309	exon=> In CDS Exon 2 of transcript AGAP005371-PA

JHU_Ag_24949	RPFLADHPAVLSR	AGAP005371-PA	-	62	3.12E-06	1	1478.822	-0.62	Malpighian tubule	2L:-:14712769-14712731	exon=> In CDS Exon 1 of transcript AGAP005371-PA
JHU_Ag_36697	DQVAALQWVR	AGAP005371-PA	-	46	0.000263246	2	1185.639	1.61	Malpighian tubule	2L:-:14713171-14713142	exon=> In CDS Exon 1 of transcript AGAP005371-PA
JHU_Ag_47842	GNYYAFEGIPYAKPPTGER	AGAP005371-PA	-	70	1.64E-06	1	2130.027	-1.06	Malpighian tubule	2L:-:14713591-14713535	exon=> In CDS Exon 1 of transcript AGAP005371-PA
JHU_Ag_48311	DFVSILSNR	AGAP005371-PA	-	59	1.61E-05	2	1050.562	4.21	Malpighian tubule	2L:-:14712481-14713741,14711919-14712390	exon=> In CDS Exon 2 and 1 of transcript AGAP005371-PA
JHU_Ag_87178	VVASFVDLYDTFSQGQEPK	AGAP005371-PA	-	146	4.21E-14	1	2130.044	2.54	Malpighian tubule	2L:-:14712173-14712117	exon=> In CDS Exon 2 of transcript AGAP005371-PA
JHU_Ag_93560	IMVTFNYR	AGAP005371-PA	M2(Oxidation)	48	0.000244033	1	1059.531	1.5	Malpighian tubule	2L:-:14713258-14713235	exon=> In CDS Exon 1 of transcript AGAP005371-PA
JHU_Ag_97269	KNIHHFGGDPER	AGAP005371-PA	-	58	2.69E-05	1	1406.694	1.31	Pupa	2L:-:14713141-14713106	exon=> In CDS Exon 1 of transcript AGAP005371-PA
JHU_Ag_113617	TVYGIGELMSGTQDVNYGVAHGEDVLLSFPTR	AGAP005371-PA	M9(Oxidation)	141	9.28E-14	1	3441.663	-0.13	Malpighian tubule	2L:-:14712308-14712213	exon=> In CDS Exon 2 of transcript AGAP005371-PA
JHU_Ag_114562	LGPLGFLSTEDDIVPGNFGLK	AGAP005371-PA	-	44	0.000379582	2	2189.147	-1.12	Malpighian tubule	2L:-:14713234-14713172	exon=> In CDS Exon 1 of transcript AGAP005371-PA
JHU_Ag_115300	QVPFLLDYLYNPFSPLGVVVEK	AGAP005371-PA	-	63	2.48E-06	1	2537.370	0.17	Malpighian tubule	2L:-:14712853-14712788	exon=> In CDS Exon 1 of transcript AGAP005371-PA
JHU_Ag_9035	FGVGEALSHR	AGAP005372-PA	-	42	0.000721101	2	1072.551	-2.58	Head	2L:-:14714642-14714613	exon=> In CDS Exon 2 of transcript AGAP005372-PA
JHU_Ag_25191	AEGVSDEPYWK	AGAP005372-PA	-	63	5.81E-06	1	1280.579	-0.01	Pupa	2L:-:14714366-14714334	exon=> In CDS Exon 2 of transcript AGAP005372-PA
JHU_Ag_26572	KGPLNPHPFLQETPR	AGAP005372-PA	-	68	1.50E-06	1	1730.934	-0.14	Pupa	2L:-:14715131-14715087	exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_29062	LVFLELNYPQSK	AGAP005372-PA	-	62	5.14E-06	1	1450.795	0.52	Malpighian tubule	2L:-:14714411-14714376	exon=> In CDS Exon 2 of transcript AGAP005372-PA
JHU_Ag_40719	FGVGEALSHR	AGAP005372-PA	-	41	0.000942815	1	1072.557	3.04	Malpighian tubule	2L:-:14714642-14714613	exon=> In CDS Exon 2 of transcript AGAP005372-PA
JHU_Ag_41566	DEPGLLGVAHGDDVLLIFPSVLR	AGAP005372-PA	-	62	2.76E-06	1	2432.321	1.18	Malpighian tubule	2L:-:14714612-14714544	exon=> In CDS Exon 2 of transcript AGAP005372-PA
JHU_Ag_41865	KGPLNPHPFLQETPR	AGAP005372-PA	-	58	1.49E-05	1	1730.935	0.82	Malpighian tubule	2L:-:14715131-14715087	exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_43927	IGAVLGCPTR	AGAP005372-PA	C7(Carbamidomethyl)	56	2.69E-05	2	1043.566	-0.22	Pupa	2L:-:14715284-14715255	exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_67452	GPLNPHPFLQETPR	AGAP005372-PA	-	66	3.33E-06	1	1602.840	0.92	Pupa	2L:-:14715128-14715087	exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_75572	DRLSEAIR	AGAP005372-PA	-	41	0.00151918	1	959.526	-0.91	Pupa	2L:-:14714897-14714874	exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_93187	KQPAEDIVR	AGAP005372-PA	-	53	2.83E-05	1	1055.584	-0.5	Pupa	2L:-:14715224-14715198	exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_105249	FGAYELPLQDSTDKLVFLELNYPQSK	AGAP005372-PA	-	96	2.76E-09	1	3015.543	2.46	Pupa	2L:-:14714453-14714376	exon=> In CDS Exon 2 of transcript AGAP005372-PA
JHU_Ag_115258	VPLILSVTEAEGLYPGAEFISDPK	AGAP005372-PA	-	39	0.001050715	1	2545.341	-1.13	Malpighian tubule	2L:-:14715056-14714985	exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_4807	FASSELNDDRWTEPR	AGAP005373-PA	-	52	6.12E-05	1	1822.833	-1.48	Male reproductive organs	2L:-:14718327-14718283	exon=> In CDS Exon 1 of transcript AGAP005373-PA
JHU_Ag_40284	TSQTLLECLR	AGAP005373-PA	C8(Carbamidomethyl)	66	3.68E-06	1	1220.630	-0.28	Male reproductive organs	2L:-:14717724-14717695	exon=> In CDS Exon 1 of transcript AGAP005373-PA
JHU_Ag_57047	DQVIALQWIR	AGAP005373-PA,AGAP005372-PA	Q2(Deamidated), Q7(Deamidated)	39	0.001492539	1	1243.668	-0.42	Male reproductive organs	2L:-:14717976-14717947;2L:-:14715506-14715477	exon=> In CDS Exon 1 of transcript AGAP005373-PA;exon=> In CDS Exon 1 of transcript AGAP005372-PA

JHU_Ag_76317	DQVIALQWIR	AGAP005373-PA,AGAP005372-PA	Q2(Deamidated), Q7(Deamidated)	37	0.002637642	2	1243.673	3.9	Visceras	2L:-:14717976-14717947;2L:-:14715506-14715477	exon=> In CDS Exon 1 of transcript AGAP005373-PA;exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_110359	RGDYYAFEGIPYAKPPLGK	AGAP005373-PA,AGAP005372-PA	-	37	0.002367 39	1	2142.107	2.32	Pupa	2L:-:14718390-14718334;2L:-:14715920-14715864	exon=> In CDS Exon 1 of transcript AGAP005373-PA;exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_52567	SSELGINENTIHVK	AGAP005375-PA	-	45	0.000411235	1	1540.805	5.35	Ovary	2L:+:14725656-14725697	exon=> In CDS Exon 2 of transcript AGAP005375-PA
JHU_Ag_73082	YSYAIDVVPVSK	AGAP005375-PA	-	36	0.002744 19	2	1340.716	4.43	Ovary	2L:+:14725244-14725279	exon=> In CDS Exon 1 of transcript AGAP005375-PA
JHU_Ag_2459	MDSDPEVVLVEK	AGAP005376-PA	N-Term(Acetyl), M1(Oxidation)	74	5.62E-07	2	1418.673	0.62	Male reproductive organs	2L:-:14727896-14727861	exon=> In CDS Exon 1 of transcript AGAP005376-PA
JHU_Ag_13550	QFSGAVTDLTVR	AGAP005376-PA	-	72	9.99E-07	2	1293.679	-0.62	Midgut	2L:-:14727083-14727048	exon=> In CDS Exon 3 of transcript AGAP005376-PA
JHU_Ag_20143	QFSGAVTDLTVR	AGAP005376-PA	-	49	0.000169 37	2	1293.680	0.33	Head	2L:-:14727083-14727048	exon=> In CDS Exon 3 of transcript AGAP005376-PA
JHU_Ag_75995	QFSGAVTDLTVR	AGAP005376-PA	-	74	5.23E-07	1	1293.684	2.97	Salivary gland	2L:-:14727083-14727048	exon=> In CDS Exon 3 of transcript AGAP005376-PA
JHU_Ag_79333	LWGLTEMFPEPVR	AGAP005376-PA	M7(Oxidation)	86	4.34E-08	1	1590.795	-1.95	Midgut	2L:-:14727122-14727084	exon=> In CDS Exon 3 of transcript AGAP005376-PA
JHU_Ag_81029	TTSANDYDDEPDESLGER	AGAP005376-PA	-	90	2.29E-09	1	2013.819	1.48	Midgut	2L:-:14727331-14727517,14726820-14727123	exon=> In CDS Exon 3 and 2 of transcript AGAP005376-PA
JHU_Ag_83585	TTSANDYDDEPDESLGER	AGAP005376-PA	-	104	1.05E-10	2	2013.816	-0.03	Male reproductive organs	2L:-:14727331-14727517,14726820-14727123	exon=> In CDS Exon 3 and 2 of transcript AGAP005376-PA
JHU_Ag_85498	LWGLTEMFPEPVR	AGAP005376-PA	M7(Oxidation)	53	7.20E-05	2	1590.804	3.26	Larva	2L:-:14727122-14727084	exon=> In CDS Exon 3 of transcript AGAP005376-PA
JHU_Ag_113158	TTSANDYDDEPDESLGER	AGAP005376-PA	-	116	6.56E-12	2	2013.816	0.15	Head	2L:-:14727331-14727517,14726820-14727123	exon=> In CDS Exon 3 and 2 of transcript AGAP005376-PA
JHU_Ag_116104	LWGLTEMFPEPVR	AGAP005376-PA	-	36	0.004705852	2	1574.807	2.16	Malpighian tubule	2L:-:14727122-14727084	exon=> In CDS Exon 3 of transcript AGAP005376-PA
JHU_Ag_24684	DELIDDLLR	AGAP005378-PC,AGAP005378-PB,AGAP005378-PA	-	32	0.009359871	2	1101.580	0.97	Head	2L:-:14757161-14757135;2L:-:14757161-14757135;2L:-:14757161-14757135	exon=> In CDS Exon 4 of transcript AGAP005378-PC;exon=> In CDS Exon 2 of transcript AGAP005378-PB;exon=> In CDS Exon 2 of transcript AGAP005378-PA
JHU_Ag_86432	TAFDLLDRDQDGHVTPEELQFMLR	AGAP005378-PC,AGAP005378-PB,AGAP005378-PA	M22(Oxidation)	46	0.000347 79	1	2862.395	7.8	Malpighian tubule	2L:-:14757254-14757183;2L:-:14757254-14757183;2L:-:14757254-14757183	exon=> In CDS Exon 4 of transcript AGAP005378-PC;exon=> In CDS Exon 2 of transcript AGAP005378-PB;exon=> In CDS Exon 2 of transcript AGAP005378-PA
JHU_Ag_89714	IQALKDDSNTSSSSSSSNNPAQAADDDLTQDLVAAFR	AGAP005378-PC,AGAP005378-PB,AGAP005378-PA	-	49	0.000140954	1	3839.801	5.5	Midgut	2L:-:14743842-14743889,14741997-14742145;2L:-:14743842-14743889,14741997-14742145;2L:-:14743842-14743889,14741997-14742145	exon=> In CDS Exon 6 and 5 of transcript AGAP005378-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP005378-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP005378-PA

JHU_Ag_116262	DQDGHVTPEELQFMLR	AGAP005378-PC,AGAP005378-PB,AGAP005378-PA	M14(Oxidation)	33	0.006979714	3	1930.900	1.87	Head	2L:-:14757230-14757183;2L:-:14757230-14757183;2L:-:14757230-14757183	exon=> In CDS Exon 4 of transcript AGAP005378-PC;exon=> In CDS Exon 2 of transcript AGAP005378-PB;exon=> In CDS Exon 2 of transcript AGAP005378-PA
JHU_Ag_26779	LGESAQKPALVR	AGAP005379-PA	-	35	0.0012773	1	1268.740	6.19	Head	2L:+:14829916-14829951	exon=> In CDS Exon 1 of transcript AGAP005379-PA
JHU_Ag_42023	LGESAQKPALVR	AGAP005379-PA	-	39	0.000433739	1	1268.737	3.69	Salivary gland	2L:+:14829916-14829951	exon=> In CDS Exon 1 of transcript AGAP005379-PA
JHU_Ag_281	QAYWFEVLPR	AGAP005380-PA	-	51	0.000129133	1	1308.673	-0.33	Midgut	2L:+:14831309-14831338	exon=> In CDS Exon 1 of transcript AGAP005380-PA
JHU_Ag_16766	QAYWFEVLPR	AGAP005380-PA	-	64	6.81E-06	1	1308.676	2.09	Head	2L:+:14831309-14831338	exon=> In CDS Exon 1 of transcript AGAP005380-PA
JHU_Ag_64120	QAYWFEVLPR	AGAP005380-PA	-	49	0.000203254	2	1308.673	-0.24	Male reproductive organs	2L:+:14831309-14831338	exon=> In CDS Exon 1 of transcript AGAP005380-PA
JHU_Ag_77788	FGPPTESDYLGNF	AGAP005380-PA	-	61	6.18E-06	2	1443.644	0.77	Male reproductive organs	2L:+:14831883-14831921	exon=> In CDS Exon 3 of transcript AGAP005380-PA
JHU_Ag_113774	QAYWFEVLPR	AGAP005380-PA	-	44	0.000637207	2	1308.677	2.74	Malpighian tubule	2L:+:14831309-14831338	exon=> In CDS Exon 1 of transcript AGAP005380-PA
JHU_Ag_117065	QAYWFEVLPR	AGAP005380-PA	-	48	0.000220043	2	1308.679	4.14	Pupa	2L:+:14831309-14831338	exon=> In CDS Exon 1 of transcript AGAP005380-PA
JHU_Ag_885	SRPTLHTYGAYSR	AGAP005381-PC	-	73	8.27E-07	1	1508.760	-0.04	Pupa	2L:-:14833849-14833811	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_1139	LTESPYLEQYLDKDR	AGAP005381-PC	-	122	9.76E-12	1	1869.930	3.76	Pupa	2L:-:14833327-14833283	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_1422	VANLLQK	AGAP005381-PC	-	39	0.000901758	1	785.492	5.33	Larva	2L:-:14833243-14833223	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_3900	LNVFHWHITDSQSFPLVVK	AGAP005381-PC	-	131	7.27E-13	1	2267.199	0.97	Pupa	2L:-:14833906-14833850	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_5886	LTQLVGLWEANRDR	AGAP005381-PC	-	45	0.00025341	1	1670.901	2.35	Larva	2L:-:14834341-14834300	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_9200	WMGEQEWGLQEGDFMK	AGAP005381-PC	M2(Oxidation), M15(Oxidation)	85	1.56E-08	1	2002.839	3.91	Larva	2L:-:14833477-14833430	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_18459	NFIDLESLR	AGAP005381-PC	-	52	9.41E-05	2	1106.586	1.48	Pupa	2L:-:14833963-14833937	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_20557	VSDAPAFPHR	AGAP005381-PC	-	66	3.49E-06	1	1096.549	-4.45	Pupa	2L:-:14834017-14833988	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_20760	VSDAPAFPHR	AGAP005381-PC	-	80	1.26E-07	1	1096.555	1.38	Larva	2L:-:14834017-14833988	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_27717	NELQMVAR	AGAP005381-PC	M5(Oxidation)	45	0.000566078	1	976.494	5.68	Larva	2L:-:14834047-14834024	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_28159	TAISEESYPAANAISLPACR	AGAP005381-PC	C19(Carbamidomethyl)	45	0.000581734	2	2121.032	1.93	Malpighian tubule	2L:-:14834518-14834459	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_39812	DAVYDILEDVYR	AGAP005381-PC	-	84	4.57E-08	2	1470.717	3.71	Pupa	2L:-:14833609-14833574	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_40750	VYNNDLMAIGGPYAQQILGGEAALWTEQSDTHTLDNR	AGAP005381-PC	M7(Oxidation)	91	8.44E-09	1	4077.950	6.05	Larva	2L:-:14833111-14833001	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_43040	TAISEESYPAANAISLPACR	AGAP005381-PC	C19(Carbamidomethyl)	37	0.003491188	2	2121.031	1.47	Head	2L:-:14834518-14834459	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_43157	WCLQNEANCPIGGDGGR	AGAP005381-PC	C2(Carbamidomethyl), C9(Carbamidomethyl)	104	2.35E-10	2	1903.823	2.92	Larva	2L:-:14832859-14832809	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_45972	GLALDTSR	AGAP005381-PC	-	46	0.00044569	1	832.454	1.87	Larva	2L:-:14833987-14833964	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_47409	LNVFHWHITDSQSFPLVVK	AGAP005381-PC	-	145	2.41E-14	1	2267.209	5.25	Larva	2L:-:14833906-14833850	exon=> In CDS Exon 2 of transcript AGAP005381-PC

JHU_Ag_54506	LVQYALER	AGAP005381-PC	-	65	3.72E-06	2	991.556	-1.5	Pupa	2L:-:14833777-14833754	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_56206	LTQLVGLWEANR	AGAP005381-PC	-	100	8.02E-10	2	1399.776	4.83	Larva	2L:-:14834341-14834306	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_57828	LTESPYLEQYLDKDR	AGAP005381-PC	-	98	2.67E-09	2	1869.932	4.74	Larva	2L:-:14833327-14833283	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_58881	ERLIEEGIAANSIQPK	AGAP005381-PC	-	54	2.47E-05	2	1767.969	5.23	Larva	2L:-:14832907-14832860	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_59282	AGWQMAEAR	AGAP005381-PC	M5(Oxidation)	71	7.21E-07	1	1035.470	2.59	Larva	2L:-:14832949-14832923	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_62161	LTQLVGLWEANR	AGAP005381-PC	-	93	4.41E-09	2	1399.773	2.3	Pupa	2L:-:14834341-14834306	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_63315	TLPVAEGGKPRPIVMWTSK	AGAP005381-PC	M15(Oxidation)	69	7.73E-07	1	2083.147	4.61	Larva	2L:-:14833384-14833328	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_65096	LIEEGIAANSIQPK	AGAP005381-PC	N9(Deamidated)	108	1.16E-10	1	1482.822	4.05	Larva	2L:-:14832901-14832860	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_70001	LWNYFQTEALR	AGAP005381-PC	Q6(Deamidated)	69	1.76E-06	1	1440.734	4.85	Larva	2L:-:14833429-14833397	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_70425	SDLFHMGGDEVSVR	AGAP005381-PC	M6(Oxidation)	101	8.00E-10	1	1564.712	4.05	Larva	2L:-:14833549-14833508	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_71031	LVQYALER	AGAP005381-PC	-	57	2.02E-05	2	991.561	3.54	Larva	2L:-:14833777-14833754	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_72367	DVYTADDVQR	AGAP005381-PC	-	83	6.48E-08	1	1181.541	-1.73	Pupa	2L:-:14833807-14833778	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_80763	DAVYDILEDVYR	AGAP005381-PC	-	67	2.51E-06	1	1470.717	3.95	Head	2L:-:14833609-14833574	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_86264	DELQATIEAK	AGAP005381-PC	-	61	1.45E-05	2	1117.575	1.69	Larva	2L:-:14834143-14834114	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_87723	SRPTLHTYGAYSR	AGAP005381-PC	-	73	7.46E-07	1	1508.768	4.9	Larva	2L:-:14833849-14833811	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_89589	DAVYDILEDVYR	AGAP005381-PC	-	59	1.37E-05	2	1470.720	6.2	Midgut	2L:-:14833609-14833574	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_91570	WCLQNEANCPIGGDGGRS	AGAP005381-PC	C2(Carbamidomethyl), C9(Carbamidomethyl)	53	2.74E-05	2	1990.856	3.38	Larva	2L:-:14832859-14832806	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_93045	LWNYFQTEALR	AGAP005381-PC	-	57	2.97E-05	1	1440.728	0.61	Pupa	2L:-:14833429-14833397	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_94263	IVPELDAPAHVGEGWEK	AGAP005381-PC	-	82	1.09E-07	1	1846.934	0.41	Pupa	2L:-:14833744-14833694	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_96315	HGLETLSQLVLYDDIR	AGAP005381-PC	-	42	0.000627244	3	1871.989	1.28	Pupa	2L:-:14834095-14834048	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_98577	DVYTADDVQR	AGAP005381-PC	-	69	1.75E-06	1	1181.548	4.22	Larva	2L:-:14833807-14833778	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_98843	RDVYTADDVQR	AGAP005381-PC	-	63	8.79E-06	1	1337.648	2.26	Larva	2L:-:14833810-14833778	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_99053	LIEEGIAANSIQPK	AGAP005381-PC	-	100	8.92E-10	1	1482.817	0.18	Pupa	2L:-:14832901-14832860	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_99119	IVPELDAPAHVGEGWEK	AGAP005381-PC	-	77	2.61E-07	2	1846.946	6.56	Larva	2L:-:14833744-14833694	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_102168	HGLETLSQLVLYDDIR	AGAP005381-PC	-	126	2.20E-12	1	1871.995	4.58	Larva	2L:-:14834095-14834048	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_105587	TAISEESYPAANAISLPACR	AGAP005381-PC	C19(Carbamidomethyl)	86	4.57E-08	1	2121.029	0.55	Pupa	2L:-:14834518-14834459	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_107195	TAISEESYPAANAISLPACR	AGAP005381-PC	C19(Carbamidomethyl),"N12(Deamidated), C19(Carbamidomethyl)"	125	5.44E-12	1	2121.037	4.11	Larva	2L:-:14834518-14834459	exon=> In CDS Exon 2 of transcript AGAP005381-PC

JHU_Ag_108797	DAVYDILEDVYR	AGAP005381-PC	-	103	6.24E-10	1	1470.718	4.54	Larva	2L:-:14833609-14833574	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_111513	VYNNDLMAIGGPYAQQILGGEAALWTEQSDTHTLDNR	AGAP005381-PC	M7(Oxidation)	57	1.68E-05	3	4077.923	-0.5	Pupa	2L:-:14833111-14833001	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_116970	VANLLQK	AGAP005381-PC	-	41	0.000328888	2	785.487	-0.98	Pupa	2L:-:14833243-14833223	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_117425	LTESPYLEQYLDK	AGAP005381-PC	-	86	3.63E-08	1	1598.802	4.64	Larva	2L:-:14833327-14833289	exon=> In CDS Exon 2 of transcript AGAP005381-PC
JHU_Ag_4937	APSHAPYSVNK	AGAP005384-PA	-	62	6.90E-06	1	1170.591	0.3	Pupa	2L:-:14841418-14841386	exon=> In CDS Exon 1 of transcript AGAP005384-PA
JHU_Ag_92566	YGSSVIETFLSFANPK	AGAP005384-PA	-	81	1.19E-07	2	1759.896	3.05	Pupa	2L:-:14840761-14840714	exon=> In CDS Exon 1 of transcript AGAP005384-PA
JHU_Ag_92661	EIFHSGTFTLLGWDAAGR	AGAP005384-PA	-	69	1.82E-06	1	1977.983	0.72	Pupa	2L:-:14841082-14841029	exon=> In CDS Exon 1 of transcript AGAP005384-PA
JHU_Ag_112074	YFEAPLKPALYGGTVDLELANR	AGAP005384-PA	-	114	3.48E-11	1	2437.280	1.7	Pupa	2L:-:14840581-14840516	exon=> In CDS Exon 2 of transcript AGAP005384-PA
JHU_Ag_52944	FTLPALYR	AGAP005384-PA,AGAP005385-PA	-	38	0.000815 84	2	980.557	1.03	Pupa	2L:-:14841358-14841335;2L:-:14843415-14843392	exon=> In CDS Exon 1 of transcript AGAP005384-PA;exon=> In CDS Exon 1 of transcript AGAP005385-PA
JHU_Ag_36577	QAVPIIETFLSFANPK	AGAP005385-PA	-	111	5.31E-11	2	1774.979	2.71	Pupa	2L:-:14842818-14842771	exon=> In CDS Exon 1 of transcript AGAP005385-PA
JHU_Ag_65141	QAVPIIETFLSFANPK	AGAP005385-PA	-	84	2.30E-08	1	1774.985	6.21	Larva	2L:-:14842818-14842771	exon=> In CDS Exon 1 of transcript AGAP005385-PA
JHU_Ag_3819	EMYPSWFK	AGAP005386-PA	M2(Oxidation)	39	0.000630333	1	1103.490	3.33	Larva	2L:+:14844437-14844460	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_4757	KALPVIEK	AGAP005386-PA	-	37	0.000425357	2	897.575	-1.84	Pupa	2L:+:14844812-14844835	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_4838	ILSFTNPK	AGAP005386-PA	-	39	0.001124077	1	919.525	-0.07	Pupa	2L:+:14844836-14844859	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_13581	GYGGNVDLDGELNPAMWK	AGAP005386-PA	M16(Oxidation)	101	9.64E-10	1	1951.887	0.56	Pupa	2L:+:14845013-14845066	exon=> In CDS Exon 2 of transcript AGAP005386-PA
JHU_Ag_19089	SYDEYKFTLPEVYR	AGAP005386-PA	-	85	4.82E-08	1	1809.875	2.83	Pupa	2L:+:14844197-14844238	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_30735	TVVFFR	AGAP005386-PA	-	30	0.004345216	2	768.440	-0.75	Pupa	2L:+:14844545-14844562	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_34835	DELREDDVVR	AGAP005386-PA	-	56	3.40E-05	1	1245.606	-0.83	Pupa	2L:+:14844251-14844280	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_58247	ALPVIEK	AGAP005386-PA	-	40	0.000122164	1	769.480	-2.13	Pupa	2L:+:14844815-14844835	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_74804	INCYANVSEMEK	AGAP005386-PA	C3(Carbamidomethyl),M10(Oxidation),C3(Carbamidomethyl)	67	1.11E-06	1	1473.633	-0.97	Pupa	2L:+:14844872-14844877,14844956-14844985	exon=> In CDS Exon 1 and 2 of transcript AGAP005386-PA
JHU_Ag_79355	DVILGLDR	AGAP005386-PA	-	43	0.000758472	2	900.515	0.11	Pupa	2L:+:14845085-14845108	exon=> In CDS Exon 2 of transcript AGAP005386-PA
JHU_Ag_88946	FAAYPVDK	AGAP005386-PA	-	41	0.000946941	1	910.467	0.19	Pupa	2L:+:14844164-14844187	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_101350	GYGGNVDLDGELNPAMWK	AGAP005386-PA	M16(Oxidation)	84	4.10E-08	2	1951.890	2.18	Larva	2L:+:14845013-14845066	exon=> In CDS Exon 2 of transcript AGAP005386-PA
JHU_Ag_113011	FTLPEVYR	AGAP005386-PA	-	53	4.25E-05	1	1024.547	0.66	Pupa	2L:+:14844215-14844238	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_117281	LIMEAYTR	AGAP005386-PA	-	59	1.52E-05	1	996.518	0.16	Pupa	2L:+:14844740-14844763	exon=> In CDS Exon 1 of transcript AGAP005386-PA
JHU_Ag_55626	HHEAPENEIDSGAMGSFR	AGAP005387-PA	M14(Oxidation)	63	2.62E-06	1	1999.852	-2.05	Head	2L:-:14847180-14847127	exon=> In CDS Exon 2 of transcript AGAP005387-PA

JHU_Ag_45993	AIPLAR	AGAP005391-PA	-	25	0.001686437	1	640.414	-0.93	Salivary gland	2L:+:14898119-14898136	exon=> In CDS Exon 1 of transcript AGAP005391-PA
JHU_Ag_55320	LPQGNLEDVWQFER	AGAP005391-PA	-	40	0.00155	2	1730.857	4.39	Ovary	2L:+:14899228-14899269	exon=> In CDS Exon 2 of transcript AGAP005391-PA
JHU_Ag_69927	VLIATNLIAR	AGAP005391-PA	-	38	0.000346764	2	1083.689	0.01	Ovary	2L:+:14898997-14899026	exon=> In CDS Exon 2 of transcript AGAP005391-PA
JHU_Ag_2272	GAAGALLVYDITRR	AGAP005393-PA	-	76	1.36E-07	1	1475.834	0.63	Malpighian tubule	2L:+:14908700-14908741	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_2285	TAANVEEAFINTAK	AGAP005393-PA	-	63	7.40E-06	2	1478.751	1.38	Ovary	2L:+:14908998-14909039	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_2728	GAAGALLVYDITR	AGAP005393-PA	-	88	1.17E-08	1	1319.734	1.86	Visceras	2L:+:14908700-14908738	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_6687	RETFNHLTTWLEDAR	AGAP005393-PA	-	76	3.91E-07	1	1888.936	3.28	Malpighian tubule	2L:+:14908739-14908783	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_9060	IQEGVFDINNEANGIK	AGAP005393-PA	N9(Deamidated),N13(Deamidated),N10(Deamidated)	115	4.91E-11	1	1760.888	3.51	Malpighian tubule	2L:+:14909055-14909087,14909188-14909202	exon=> In CDS Exon 3 and 4 of transcript AGAP005393-PA
JHU_Ag_10669	ETFNHLTTWLEDAR	AGAP005393-PA	-	102	1.02E-09	1	1732.834	2.84	Visceras	2L:+:14908742-14908783	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_19728	EHGLVFMETSAR	AGAP005393-PA	M7(Oxidation)	37	0.002745431	2	1392.654	-2.41	Head	2L:+:14908962-14908997	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_20205	TAANVEEAFINTAK	AGAP005393-PA	-	112	9.98E-11	2	1478.751	1.29	Salivary gland	2L:+:14908998-14909039	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_24369	GAAGALLVYDITR	AGAP005393-PA	-	69	9.96E-07	2	1319.732	-0.17	Male reproductive organs	2L:+:14908700-14908738	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_24876	IQEGVFDINNEANGIK	AGAP005393-PA	-	95	4.74E-09	1	1760.884	1.64	Salivary gland	2L:+:14909055-14909087,14909188-14909202	exon=> In CDS Exon 3 and 4 of transcript AGAP005393-PA
JHU_Ag_25773	RETFNHLTTWLEDAR	AGAP005393-PA	-	36	0.004626712	1	1888.919	-5.83	Midgut	2L:+:14908739-14908783	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_27997	SCLLLQFTDKR	AGAP005393-PA	C2(Carbamidomethyl)	50	0.000129973	2	1380.732	0.93	Male reproductive organs	2L:+:14908526-14908558	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_28663	LQIWDTAGQEAFR	AGAP005393-PA	-	62	1.08E-05	2	1534.772	4.61	Ovary	2L:+:14908637-14908675	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_28885	RETFNHLTTWLEDAR	AGAP005393-PA	-	84	7.24E-08	1	1888.926	-2.05	Head	2L:+:14908739-14908783	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_31972	YIIIGDTGVGK	AGAP005393-PA	-	43	0.000357521	2	1135.636	0.42	Male reproductive organs	2L:+:14906085-14906106,14908515-14908525	exon=> In CDS Exon 1 and 2 of transcript AGAP005393-PA
JHU_Ag_34337	YIIIGDTGVGK	AGAP005393-PA	-	50	8.96E-05	2	1135.638	1.92	Malpighian tubule	2L:+:14906085-14906106,14908515-14908525	exon=> In CDS Exon 1 and 2 of transcript AGAP005393-PA
JHU_Ag_36364	EIYEKIQEGVFDINNEANGIK	AGAP005393-PA	-	77	2.88E-07	1	2423.218	3.76	Malpighian tubule	2L:+:14909040-14909087,14909188-14909202	exon=> In CDS Exon 3 and 4 of transcript AGAP005393-PA
JHU_Ag_37023	LQIWDTAGQEAFR	AGAP005393-PA	-	53	7.75E-05	2	1534.766	0.4	Midgut	2L:+:14908637-14908675	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_41310	ETFNHLTTWLEDAR	AGAP005393-PA	-	41	0.001346789	2	1732.836	3.75	Malpighian tubule	2L:+:14908742-14908783	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_43496	SCLLLQFTDKR	AGAP005393-PA	C2(Carbamidomethyl)	56	3.03E-05	2	1380.728	-1.81	Head	2L:+:14908526-14908558	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_45407	FQPVHDLTIGVEFGAR	AGAP005393-PA	-	64	5.04E-06	1	1785.935	3.79	Malpighian tubule	2L:+:14908559-14908606	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_50047	GAAGALLVYDITRR	AGAP005393-PA	-	82	4.07E-08	1	1475.832	-0.85	Head	2L:+:14908700-14908741	exon=> In CDS Exon 2 of transcript AGAP005393-PA

JHU_Ag_51612	IQEGVFDINNEANGIK	AGAP005393-PA	-	134	6.89E-13	1	1760.882	0.39	Head	2L:+:14909055-14909087,14909188-14909202	exon=> In CDS Exon 3 and 4 of transcript AGAP005393-PA
JHU_Ag_56351	IQEGVFDINNEANGIK	AGAP005393-PA	N9(Deamidated),N13(Deamidated),N10(Deamidated)	122	9.22E-12	2	1760.881	-0.3	Midgut	2L:+:14909055-14909087,14909188-14909202	exon=> In CDS Exon 3 and 4 of transcript AGAP005393-PA
JHU_Ag_61192	SYAYLFK	AGAP005393-PA	N-Term(Acetyl)	50	0.000175974	1	933.472	0.55	Male reproductive organs	2L:+:14906064-14906084	exon=> In CDS Exon 1 of transcript AGAP005393-PA
JHU_Ag_68596	YIIIGDTGVGK	AGAP005393-PA	-	49	8.92E-05	1	1135.637	1.02	Head	2L:+:14906085-14906106,14908515-14908525	exon=> In CDS Exon 1 and 2 of transcript AGAP005393-PA
JHU_Ag_69814	TAANVEEAFINTAK	AGAP005393-PA	-	95	5.51E-09	1	1478.750	0.8	Visceras	2L:+:14908998-14909039	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_70293	FQPVHDLTIGVEFGAR	AGAP005393-PA	-	58	2.25E-05	2	1785.934	3.38	Head	2L:+:14908559-14908606	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_70490	LQIWDTAGQEAFR	AGAP005393-PA	-	116	4.30E-11	1	1534.769	2.78	Visceras	2L:+:14908637-14908675	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_71728	IQEGVFDINNEANGIK	AGAP005393-PA	-	93	7.31E-09	2	1760.886	2.61	Visceras	2L:+:14909055-14909087,14909188-14909202	exon=> In CDS Exon 3 and 4 of transcript AGAP005393-PA
JHU_Ag_72019	IQEGVFDINNEANGIK	AGAP005393-PA	N9(Deamidated),N13(Deamidated),N10(Deamidated)	91	1.17E-08	2	1760.883	0.67	Male reproductive organs	2L:+:14909055-14909087,14909188-14909202	exon=> In CDS Exon 3 and 4 of transcript AGAP005393-PA
JHU_Ag_75363	GAAGALLVYDITRR	AGAP005393-PA	-	42	0.000351072	1	1475.833	0.23	Midgut	2L:+:14908700-14908741	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_76870	GAAGALLVYDITR	AGAP005393-PA	-	83	3.87E-08	1	1319.735	2.14	Head	2L:+:14908700-14908738	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_77856	TAANVEEAFINTAK	AGAP005393-PA	-	111	1.18E-10	2	1478.753	3.28	Malpighian tubule	2L:+:14908998-14909039	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_80528	LQIWDTAGQEAFR	AGAP005393-PA	-	95	5.34E-09	1	1534.765	0.16	Male reproductive organs	2L:+:14908637-14908675	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_83672	LQIWDTAGQEAFR	AGAP005393-PA	-	120	1.62E-11	1	1534.769	2.46	Salivary gland	2L:+:14908637-14908675	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_86046	ETFNHLTTWLEDAR	AGAP005393-PA	-	65	4.90E-06	1	1732.842	7.49	Midgut	2L:+:14908742-14908783	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_90459	TAANVEEAFINTAK	AGAP005393-PA	-	118	3.15E-11	1	1478.745	-2.42	Head	2L:+:14908998-14909039	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_94803	TAANVEEAFINTAK	AGAP005393-PA	-	104	6.79E-10	2	1478.748	-0.36	Midgut	2L:+:14908998-14909039	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_97112	SYAYLFK	AGAP005393-PA	N-Term(Acetyl)	47	0.000372005	2	933.474	2.69	Head	2L:+:14906064-14906084	exon=> In CDS Exon 1 of transcript AGAP005393-PA
JHU_Ag_98051	YIIIGDTGVGK	AGAP005393-PA	-	35	0.002261006	1	1135.637	0.63	Salivary gland	2L:+:14906085-14906106,14908515-14908525	exon=> In CDS Exon 1 and 2 of transcript AGAP005393-PA
JHU_Ag_98335	TAANVEEAFINTAK	AGAP005393-PA	-	97	3.58E-09	1	1478.749	0.47	Male reproductive organs	2L:+:14908998-14909039	exon=> In CDS Exon 3 of transcript AGAP005393-PA
JHU_Ag_100233	GAAGALLVYDITRR	AGAP005393-PA	-	63	2.83E-06	1	1475.836	2.18	Male reproductive organs	2L:+:14908700-14908741	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_100850	LQIWDTAGQEAFR	AGAP005393-PA	-	110	1.68E-10	1	1534.766	0.48	Head	2L:+:14908637-14908675	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_101288	GAAGALLVYDITR	AGAP005393-PA	-	52	5.12E-05	1	1319.732	0.38	Salivary gland	2L:+:14908700-14908738	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_101795	GAAGALLVYDITR	AGAP005393-PA	-	35	0.002887048	2	1319.731	-0.91	Midgut	2L:+:14908700-14908738	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_104244	LQIWDTAGQEAFR	AGAP005393-PA	-	120	1.64E-11	1	1534.767	1.51	Malpighian tubule	2L:+:14908637-14908675	exon=> In CDS Exon 2 of transcript AGAP005393-PA

JHU_Ag_108351	ETFNHLTTWLEDAR	AGAP005393-PA	-	81	1.45E-07	1	1732.832	1.5	Head	2L:+:14908742-14908783	exon=> In CDS Exon 2 of transcript AGAP005393-PA
JHU_Ag_60918	STAEQSLIIEELR	AGAP005399-PA	Q5(Deamidated)	107	2.93E-10	2	1488.795	3.1	Visceras	2L:+:15035861-15035899	exon=> In CDS Exon 1 of transcript AGAP005399-PA
JHU_Ag_763	IYCGNCYDAQFASR	AGAP005400-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	110	4.04E-11	1	1724.718	1.5	Head	2L:+:15059216-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_2593	DKHWHEACFLCNK	AGAP005400-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	72	5.29E-07	1	1744.766	-1.42	Male reproductive organs	2L:+:15059129-15059167	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_3341	TIGIDSK	AGAP005400-PA	-	43	0.000921537	2	733.410	1.03	Ovary	2L:+:15058971-15058991	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_4132	IYCGNCYDAQFASR	AGAP005400-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	104	1.62E-10	1	1724.723	4.54	Larva	2L:+:15059216-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_7370	YVLRDEHPYCIK	AGAP005400-PA	C10(Carbamidomethyl)	51	0.00012975	1	1592.794	3.35	Ovary	2L:+:15058890-15058925	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_8765	ISLVDKQFGSK	AGAP005400-PA	-	39	0.000878565	1	1221.689	4.55	Larva	2L:+:15059174-15059206	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_12299	YVLRDEHPYCIK	AGAP005400-PA	C10(Carbamidomethyl)	41	0.001297968	1	1592.788	-0.56	Visceras	2L:+:15058890-15058925	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_15990	DWHSGHFCCWQCDESLTGQR	AGAP005400-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl)	116	2.82E-12	1	2566.008	0.05	Head	2L:+:15058830-15058889	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_21344	DWHSGHFCCWQCDESLTGQR	AGAP005400-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl)	84	7.43E-09	1	2566.018	3.69	Malpighian tubule	2L:+:15058830-15058889	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_23598	ISLVDKQFGSK	AGAP005400-PA	-	52	4.20E-05	1	1221.684	0.15	Head	2L:+:15059174-15059206	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_28540	CYENVFANVCEECNK	AGAP005400-PA	C1(Carbamidomethyl), C10(Carbamidomethyl), C13(Carbamidomethyl)	120	1.69E-12	1	1935.770	1.3	Ovary	2L:+:15058926-15058970	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_31025	ADVDVMR	AGAP005400-PA	N-Term(Acetyl)	41	0.000932649	1	847.399	1.8	Malpighian tubule	2L:+:15055103-15055123	exon=> In CDS Exon 1 of transcript AGAP005400-PA
JHU_Ag_32689	DWHSGHFCCWQCDESLTGQR	AGAP005400-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl)	108	2.03E-11	1	2566.010	0.83	Visceras	2L:+:15058830-15058889	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_32948	DWHSGHFCCWQCDESLTGQR	AGAP005400-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl)	86	4.24E-09	1	2566.020	4.4	Ovary	2L:+:15058830-15058889	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_35512	CDGCGEIFR	AGAP005400-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	59	2.89E-06	2	1113.446	1.09	Ovary	2L:+:15059258-15059284	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_42598	DEHPYCIK	AGAP005400-PA	C6(Carbamidomethyl)	43	0.000368001	1	1061.473	0.81	Head	2L:+:15058902-15058925	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_44908	ADKIYCGNCYDAQFASR	AGAP005400-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	139	7.90E-14	1	2038.875	-0.04	Malpighian tubule	2L:+:15059207-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_45175	IYCGNCYDAQFASR	AGAP005400-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	112	2.62E-11	1	1724.719	1.78	Pupa	2L:+:15059216-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_49260	YVLRDEHPYCIK	AGAP005400-PA	C10(Carbamidomethyl)	63	8.51E-06	1	1592.789	0.01	Male reproductive organs	2L:+:15058890-15058925	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_50472	CYENVFANVCEECNK	AGAP005400-PA	C1(Carbamidomethyl), C10(Carbamidomethyl), C13(Carbamidomethyl)	41	9.10E-05	2	1935.764	-1.41	Visceras	2L:+:15058926-15058970	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_51710	IYCGNCYDAQFASR	AGAP005400-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	105	1.43E-10	1	1724.719	2.07	Malpighian tubule	2L:+:15059216-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_51859	ISLVDKQFGSK	AGAP005400-PA	-	88	1.16E-08	1	1221.688	3.35	Male reproductive organs	2L:+:15059174-15059206	exon=> In CDS Exon 3 of transcript AGAP005400-PA

JHU_Ag_63781	YVLRDEHPYCIK	AGAP005400-PA	C10(Carbamidomethyl)	34	0.007100094	1	1592.788	-0.56	Head	2L:+:15058890-15058925	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_70157	CDGCGEIFR	AGAP005400-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	47	3.55E-05	2	1113.445	-0.56	Malpighian tubule	2L:+:15059258-15059284	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_71966	DKHWHEACFLCNK	AGAP005400-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	89	9.81E-09	1	1744.766	-1.31	Head	2L:+:15059129-15059167	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_72595	YVLRDEHPYCIK	AGAP005400-PA	C10(Carbamidomethyl)	57	3.27E-05	1	1592.785	-2.29	Malpighian tubule	2L:+:15058890-15058925	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_72860	IYCGNCYDAQFASR	AGAP005400-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	112	2.64E-11	1	1724.718	1.22	Male reproductive organs	2L:+:15059216-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_82187	ADVDVMR	AGAP005400-PA	N-Term(Acetyl), M6(Oxidation)	58	1.30E-05	2	863.397	5.24	Male reproductive organs	2L:+:15055103-15055123	exon=> In CDS Exon 1 of transcript AGAP005400-PA
JHU_Ag_89613	CDGCGEIFR	AGAP005400-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	52	1.19E-05	2	1113.445	-0.34	Head	2L:+:15059258-15059284	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_91050	ISLVDKQFGSK	AGAP005400-PA	-	81	4.81E-08	1	1221.686	1.65	Malpighian tubule	2L:+:15059174-15059206	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_96958	ADKIYCGNCYDAQFASR	AGAP005400-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	122	4.44E-12	1	2038.873	-0.58	Male reproductive organs	2L:+:15059207-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_97337	IYCGNCYDAQFASR	AGAP005400-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	90	3.62E-09	2	1724.716	-0.06	Visceras	2L:+:15059216-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_97850	CYENVFANVCEECNK	AGAP005400-PA	C1(Carbamidomethyl), C10(Carbamidomethyl), C13(Carbamidomethyl)	107	2.73E-11	1	1935.767	-0.02	Head	2L:+:15058926-15058970	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_99305	TIGIDSK	AGAP005400-PA	-	41	0.001229948	2	733.411	2.2	Male reproductive organs	2L:+:15058971-15058991	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_101682	HWHEACFLCNK	AGAP005400-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	56	1.48E-05	1	1501.645	-0.81	Malpighian tubule	2L:+:15059135-15059167	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_106100	ADVDVMR	AGAP005400-PA	N-Term(Acetyl), M6(Oxidation)	42	0.000521774	2	863.393	0.57	Malpighian tubule	2L:+:15055103-15055123	exon=> In CDS Exon 1 of transcript AGAP005400-PA
JHU_Ag_108209	ADVDVMR	AGAP005400-PA	N-Term(Acetyl), M6(Oxidation)	47	0.000169232	2	863.393	-0.27	Ovary	2L:+:15055103-15055123	exon=> In CDS Exon 1 of transcript AGAP005400-PA
JHU_Ag_115355	IYCGNCYDAQFASR	AGAP005400-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	116	9.60E-12	1	1724.717	0.93	Ovary	2L:+:15059216-15059257	exon=> In CDS Exon 3 of transcript AGAP005400-PA
JHU_Ag_116108	DWHSGHFCCWQCDESLTGQR	AGAP005400-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl)	110	1.29E-11	1	2566.009	0.26	Male reproductive organs	2L:+:15058830-15058889	exon=> In CDS Exon 2 of transcript AGAP005400-PA
JHU_Ag_116683	SQTVEVKK	AGAP005400-PA	-	40	0.000953936	2	918.525	-0.74	Male reproductive organs	2L:+:15055124-15055147	exon=> In CDS Exon 1 of transcript AGAP005400-PA
JHU_Ag_2370	KIITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	44	0.000115974	2	1166.679	0.55	Pupa	2L:+:15073685-15073687,15073793-15073822;2L:+:15073685-15073687,15073793-15073822	exon=> In CDS Exon 4 and 5 of transcript AGAP005400-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005400-PB
JHU_Ag_3258	RCTSCTKPITGIGGTR	AGAP005400-PA,AGAP005400-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	53	8.93E-05	2	1764.884	-0.2	Male reproductive organs	2L:+:15073949-15073979,15074063-15074079;2L:+:15073949-15073979,15074063-15074079	exon=> In CDS Exon 5 and 6 of transcript AGAP005400-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005400-PB
JHU_Ag_3382	DEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	101	6.37E-10	1	1963.860	1.96	Pupa	2L:+:15073901-15073948;2L:+:15073901-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB

JHU_Ag_6737	TRQWHEK	AGAP005400-PA,AGAP005400-PB	-	39	0.001032681	2	984.506	4.65	Malpighian tubule	2L:+:15073541-15073561;2L:+:15073541-15073561	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_8716	ECFTCTHCQVSLAGQR	AGAP005400-PA,AGAP005400-PB	C2(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl)	133	2.95E-13	1	1953.838	0.62	Head	2L:+:15073841-15073888;2L:+:15073841-15073888	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_11379	GFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	90	1.03E-08	2	1881.837	0.87	Visceras	2L:+:15074158-15074205;2L:+:15074158-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_12513	EQEIYCAGCYEEK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	55	5.24E-06	2	1678.679	3.64	Larva	2L:+:15073619-15073657;2L:+:15073619-15073657	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_17261	IITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	50	6.65E-05	1	1038.581	-1.66	Head	2L:+:15073793-15073822;2L:+:15073793-15073822	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_18875	EQEIYCAGCYEEK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	70	1.67E-07	1	1678.674	1.17	Ovary	2L:+:15073619-15073657;2L:+:15073619-15073657	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_19984	GFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	117	1.87E-11	1	1881.836	0.35	Head	2L:+:15074158-15074205;2L:+:15074158-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_20619	FISFEDRHWHNDCFICAMCK	AGAP005400-PA,AGAP005400-PB	C13(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl)	48	6.51E-05	1	2673.131	2.05	Malpighian tubule	2L:+:15074080-15074139;2L:+:15074080-15074139	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_22172	ECFTCTHCQVSLAGQR	AGAP005400-PA,AGAP005400-PB	C2(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl)	101	4.31E-10	1	1953.835	-0.63	Visceras	2L:+:15073841-15073888;2L:+:15073841-15073888	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_28117	DEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	118	1.21E-11	1	1963.855	-0.9	Head	2L:+:15073901-15073948;2L:+:15073901-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_29935	CTSCTKPITGIGGTR	AGAP005400-PA,AGAP005400-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	98	2.39E-09	1	1608.786	1.47	Malpighian tubule	2L:+:15073952-15073979,15074063-15074079;2L:+:15073952-15073979,15074063-15074079	exon=> In CDS Exon 5 and 6 of transcript AGAP005400-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005400-PB
JHU_Ag_30122	IITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	51	4.23E-05	2	1038.586	2.5	Larva	2L:+:15073793-15073822;2L:+:15073793-15073822	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_30561	DEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	79	1.03E-07	1	1963.857	0.16	Midgut	2L:+:15073901-15073948;2L:+:15073901-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_31166	FISFEDR	AGAP005400-PA,AGAP005400-PB	-	42	0.000457191	1	913.442	0.2	Ovary	2L:+:15074080-15074100;2L:+:15074080-15074100	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_32993	FISFEDR	AGAP005400-PA,AGAP005400-PB	-	42	0.000425695	2	913.442	0.6	Pupa	2L:+:15074080-15074100;2L:+:15074080-15074100	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_37356	EQEIYCAGCYEEK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	83	7.97E-09	1	1678.675	1.53	Head	2L:+:15073619-15073657;2L:+:15073619-15073657	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB

JHU_Ag_43136	GFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	80	1.01E-07	1	1881.833	-1.34	Midgut	2L:+:15074158-15074205;2L:+:15074158-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_44735	KIITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	63	1.20E-06	2	1166.682	3.27	Male reproductive organs	2L:+:15073685-15073687,15073793-15073822;2L:+:15073685-15073687,15073793-15073822	exon=> In CDS Exon 4 and 5 of transcript AGAP005400-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005400-PB
JHU_Ag_46479	EQEIYCAGCYEEK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	79	2.09E-08	1	1678.672	0.01	Male reproductive organs	2L:+:15073619-15073657;2L:+:15073619-15073657	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_48356	GFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	85	3.31E-08	2	1881.842	3.14	Pupa	2L:+:15074158-15074205;2L:+:15074158-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_48428	IITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	55	2.03E-05	1	1038.581	-1.5	Male reproductive organs	2L:+:15073793-15073822;2L:+:15073793-15073822	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_52471	EQEIYCAGCYEEK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	66	4.70E-07	2	1678.676	2.04	Visceras	2L:+:15073619-15073657;2L:+:15073619-15073657	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_52542	FISFEDR	AGAP005400-PA,AGAP005400-PB	-	47	0.000132735	2	913.445	4.01	Larva	2L:+:15074080-15074100;2L:+:15074080-15074100	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_53874	IITSGGVTYKNEPWHR	AGAP005400-PA,AGAP005400-PB	-	44	0.000461358	1	1857.958	-1.45	Male reproductive organs	2L:+:15073793-15073840;2L:+:15073793-15073840	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_55015	IITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	55	2.15E-05	1	1038.583	-0.2	Ovary	2L:+:15073793-15073822;2L:+:15073793-15073822	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_55991	ECFTCTHCQVSLAGQR	AGAP005400-PA,AGAP005400-PB	C2(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl)	78	1.05E-07	1	1953.842	2.87	Malpighian tubule	2L:+:15073841-15073888;2L:+:15073841-15073888	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_57039	KIITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	55	9.19E-06	1	1166.681	2.54	Larva	2L:+:15073685-15073687,15073793-15073822;2L:+:15073685-15073687,15073793-15073822	exon=> In CDS Exon 4 and 5 of transcript AGAP005400-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005400-PB
JHU_Ag_57372	GFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	106	2.91E-10	1	1881.840	2.23	Ovary	2L:+:15074158-15074205;2L:+:15074158-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_58821	FTSRDEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C10(Carbamidomethyl), C13(Carbamidomethyl)	106	2.80E-10	1	2455.113	2.81	Malpighian tubule	2L:+:15073889-15073948;2L:+:15073889-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_61785	KIITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	55	1.08E-05	1	1166.678	-0.28	Ovary	2L:+:15073685-15073687,15073793-15073822;2L:+:15073685-15073687,15073793-15073822	exon=> In CDS Exon 4 and 5 of transcript AGAP005400-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005400-PB

JHU_Ag_65973	GFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	106	2.52E-10	1	1881.842	3.14	Male reproductive organs	2L:+:15074158-15074205;2L:+:15074158-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_67804	CTSCTKPITGIGGTR	AGAP005400-PA,AGAP005400-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	72	1.02E-06	1	1608.783	-0.19	Head	2L:+:15073952-15073979,15074063-15074079;2L:+:15073952-15073979,15074063-15074079	exon=> In CDS Exon 5 and 6 of transcript AGAP005400-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005400-PB
JHU_Ag_69337	GFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	113	5.03E-11	1	1881.839	1.71	Malpighian tubule	2L:+:15074158-15074205;2L:+:15074158-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_69693	FISFEDR	AGAP005400-PA,AGAP005400-PB	-	39	0.000977458	2	913.442	0.54	Visceras	2L:+:15074080-15074100;2L:+:15074080-15074100	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_71707	DEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	67	1.44E-06	1	1963.853	-1.81	Visceras	2L:+:15073901-15073948;2L:+:15073901-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_79594	FISFEDR	AGAP005400-PA,AGAP005400-PB	-	36	0.001875418	2	913.442	0.07	Head	2L:+:15074080-15074100;2L:+:15074080-15074100	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_80827	DEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	84	3.32E-08	1	1963.856	-0.34	Male reproductive organs	2L:+:15073901-15073948;2L:+:15073901-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_82582	FISFEDR	AGAP005400-PA,AGAP005400-PB	-	46	0.000194652	2	913.441	-0.53	Male reproductive organs	2L:+:15074080-15074100;2L:+:15074080-15074100	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_85405	EQEIYCAGCYEEKYATR	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	123	1.77E-12	1	2169.915	-2.91	Malpighian tubule	2L:+:15073619-15073669;2L:+:15073619-15073669	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_87906	DEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	81	6.19E-08	1	1963.856	-0.5	Ovary	2L:+:15073901-15073948;2L:+:15073901-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_89063	RCTSCTKPITGIGGTR	AGAP005400-PA,AGAP005400-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	66	4.37E-06	1	1764.886	0.9	Malpighian tubule	2L:+:15073949-15073979,15074063-15074079;2L:+:15073949-15073979,15074063-15074079	exon=> In CDS Exon 5 and 6 of transcript AGAP005400-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005400-PB
JHU_Ag_91951	TSLVGRGFITDEQDVICPECAK	AGAP005400-PA,AGAP005400-PB	C17(Carbamidomethyl), C20(Carbamidomethyl)	82	1.02E-07	1	2495.197	2.51	Malpighian tubule	2L:+:15074140-15074205;2L:+:15074140-15074205	exon=> In CDS Exon 6 of transcript AGAP005400-PA;exon=> In CDS Exon 4 of transcript AGAP005400-PB
JHU_Ag_97252	ECFTCTHCQVSLAGQR	AGAP005400-PA,AGAP005400-PB	C2(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl)	128	8.51E-13	1	1953.836	-0.38	Male reproductive organs	2L:+:15073841-15073888;2L:+:15073841-15073888	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_98475	CTSCTKPITGIGGTR	AGAP005400-PA,AGAP005400-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	63	8.27E-06	1	1608.784	0.22	Ovary	2L:+:15073952-15073979,15074063-15074079;2L:+:15073952-15073979,15074063-15074079	exon=> In CDS Exon 5 and 6 of transcript AGAP005400-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005400-PB

JHU_Ag_99040	IITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	43	0.000333189	2	1038.584	0.5	Pupa	2L:+:15073793-15073822;2L:+:15073793-15073822	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_101287	DEKPYCAECFGELFAK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	70	9.63E-07	1	1963.861	2.46	Larva	2L:+:15073901-15073948;2L:+:15073901-15073948	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_102551	IITSGGVTYK	AGAP005400-PA,AGAP005400-PB	-	40	0.000707442	2	1038.584	0.5	Visceras	2L:+:15073793-15073822;2L:+:15073793-15073822	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_109477	EQEIYCAGCYEEK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	87	3.47E-09	1	1678.676	1.9	Pupa	2L:+:15073619-15073657;2L:+:15073619-15073657	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_112273	ECFTCTHCQVSLAGQR	AGAP005400-PA,AGAP005400-PB	C2(Carbamidomethyl), C5(Carbamidomethyl), C8(Carbamidomethyl)	101	4.42E-10	1	1953.832	-2.29	Ovary	2L:+:15073841-15073888;2L:+:15073841-15073888	exon=> In CDS Exon 5 of transcript AGAP005400-PA;exon=> In CDS Exon 3 of transcript AGAP005400-PB
JHU_Ag_114801	EQEIYCAGCYEEK	AGAP005400-PA,AGAP005400-PB	C6(Carbamidomethyl), C9(Carbamidomethyl)	55	4.52E-06	1	1678.670	-1.23	Midgut	2L:+:15073619-15073657;2L:+:15073619-15073657	exon=> In CDS Exon 4 of transcript AGAP005400-PA;exon=> In CDS Exon 2 of transcript AGAP005400-PB
JHU_Ag_64831	AKDNNEDIAILSMFLPGATAAK	AGAP005400-PB	-	44	0.000461709	1	2290.181	2.59	Visceras	2L:+:15065818-15065883	exon=> In CDS Exon 1 of transcript AGAP005400-PB
JHU_Ag_4294	LIELLSHSHNNVVSAALR	AGAP005401-PA	-	75	1.35E-07	1	1973.094	0.61	Salivary gland	2L:-:15082060-15082307,15080992-15081295	exon=> In CDS Exon 5 and 4 of transcript AGAP005401-PA
JHU_Ag_7868	SPHEDVQEQAIWALGNIAGDSPECR	AGAP005401-PA	C24(Carbamidomethyl)	79	1.44E-07	1	2779.280	2.19	Head	2L:-:15082531-15082457	exon=> In CDS Exon 3 of transcript AGAP005401-PA
JHU_Ag_8611	EAAWAITNATSGGTVQQIK	AGAP005401-PA	-	86	3.49E-08	2	1946.008	5.13	Head	2L:-:15081054-15080998	exon=> In CDS Exon 5 of transcript AGAP005401-PA
JHU_Ag_22362	IVTVALNGLENILK	AGAP005401-PA	-	85	1.99E-09	2	1496.917	8.47	Salivary gland	2L:-:15080845-15080804	exon=> In CDS Exon 6 of transcript AGAP005401-PA
JHU_Ag_31552	EAAWAITNATSGGTVQQIK	AGAP005401-PA	-	146	4.25E-14	1	1946.000	1.06	Ovary	2L:-:15081054-15080998	exon=> In CDS Exon 5 of transcript AGAP005401-PA
JHU_Ag_37540	IVTVALNGLENILK	AGAP005401-PA	-	104	5.06E-11	1	1496.906	0.8	Ovary	2L:-:15080845-15080804	exon=> In CDS Exon 6 of transcript AGAP005401-PA
JHU_Ag_39241	IVTVALNGLENILK	AGAP005401-PA	-	106	2.59E-11	2	1496.912	5.12	Malpighian tubule	2L:-:15080845-15080804	exon=> In CDS Exon 6 of transcript AGAP005401-PA
JHU_Ag_49262	LIELLSHSHNNVVSAALR	AGAP005401-PA	-	111	3.23E-11	1	1973.101	4.04	Head	2L:-:15082060-15082307,15080992-15081295	exon=> In CDS Exon 5 and 4 of transcript AGAP005401-PA
JHU_Ag_54072	IVTVALNGLENILK	AGAP005401-PA	-	98	1.37E-10	2	1496.914	5.94	Head	2L:-:15080845-15080804	exon=> In CDS Exon 6 of transcript AGAP005401-PA
JHU_Ag_63416	EACWTISNIAAGNR	AGAP005401-PA	C3(Carbamidomethyl)	59	1.94E-05	2	1562.736	-1.17	Malpighian tubule	2L:-:15081180-15081139	exon=> In CDS Exon 5 of transcript AGAP005401-PA
JHU_Ag_65303	EACWTISNIAAGNR	AGAP005401-PA	C3(Carbamidomethyl)	47	0.000302879	1	1562.740	1.02	Ovary	2L:-:15081180-15081139	exon=> In CDS Exon 5 of transcript AGAP005401-PA
JHU_Ag_75185	IVTVALNGLENILK	AGAP005401-PA	-	63	6.97E-07	2	1496.904	-0.5	Male reproductive organs	2L:-:15080845-15080804	exon=> In CDS Exon 6 of transcript AGAP005401-PA
JHU_Ag_88600	IVTVALNGLENILK	AGAP005401-PA	-	53	6.33E-06	2	1496.904	-0.75	Midgut	2L:-:15080845-15080804	exon=> In CDS Exon 6 of transcript AGAP005401-PA
JHU_Ag_101010	LIELLSHSHNNVVSAALR	AGAP005401-PA	-	112	2.39E-11	1	1973.102	4.6	Ovary	2L:-:15082060-15082307,15080992-15081295	exon=> In CDS Exon 5 and 4 of transcript AGAP005401-PA
JHU_Ag_110596	NQIQAAIDANIFPSIIDLLQK	AGAP005401-PA	-	99	5.77E-10	1	2325.276	-2.43	Ovary	2L:-:15081138-15081076	exon=> In CDS Exon 5 of transcript AGAP005401-PA
JHU_Ag_112261	SPHEDVQEQAIWALGNIAGDSPECR	AGAP005401-PA	C24(Carbamidomethyl)	48	0.000146158	1	2779.271	-1.17	Ovary	2L:-:15082531-15082457	exon=> In CDS Exon 3 of transcript AGAP005401-PA

JHU_Ag_117313	DCVLDHDVLEPLLHVLSTSR	AGAP005401-PA	C2(Carbamidomethyl)	129	1.56E-12	1	2318.190	3.69	Malpighian tubule	2L:-:15082456-15082636,15082044-15082289	exon=> In CDS Exon 4 and 3 of transcript AGAP005401-PA
JHU_Ag_3076	DLHGQLESGYSHR	AGAP005402-PA	-	61	8.59E-06	1	1498.703	-0.3	Head	2L:+:15084891-15084929	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_8326	EENKDDVALNK	AGAP005402-PA	-	54	6.44E-05	2	1274.624	1.16	Visceras	2L:+:15084996-15085028	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_15193	LLQSELSVEDIIR	AGAP005402-PA	-	65	2.11E-06	2	1514.849	4.39	Visceras	2L:+:15085126-15085164	exon=> In CDS Exon 3 of transcript AGAP005402-PA
JHU_Ag_18552	YECADFSQFQEQLKK	AGAP005402-PA	C3(Carbamidomethyl)	78	2.11E-07	2	1920.883	1.52	Visceras	2L:+:15084609-15084638,15084780-15084794	exon=> In CDS Exon 1 and 2 of transcript AGAP005402-PA
JHU_Ag_36435	DLDDKIIYALNTTIPTESFK	AGAP005402-PA	-	44	0.000431343	2	2297.196	2.02	Visceras	2L:+:15084801-15084860	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_45899	DLDDKIIYALNTTIPTESFK	AGAP005402-PA	-	77	1.92E-07	1	2297.193	0.95	Ovary	2L:+:15084801-15084860	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_46398	CIVVCADTVK	AGAP005402-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	48	0.000267631	2	1164.575	-0.59	Ovary	2L:+:15084948-15084977	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_53328	YECADFSQFQEQLKK	AGAP005402-PA	C3(Carbamidomethyl)	42	0.000839286	1	1920.882	1	Midgut	2L:+:15084609-15084638,15084780-15084794	exon=> In CDS Exon 1 and 2 of transcript AGAP005402-PA
JHU_Ag_63127	IIYALNTTIPTESFK	AGAP005402-PA	-	99	8.27E-10	1	1710.934	1.64	Ovary	2L:+:15084816-15084860	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_74956	DLHGQLESGYSHR	AGAP005402-PA	-	71	9.06E-07	2	1498.708	2.8	Visceras	2L:+:15084891-15084929	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_77923	LLQSELSVEDIIR	AGAP005402-PA	-	97	1.44E-09	2	1514.846	2.53	Ovary	2L:+:15085126-15085164	exon=> In CDS Exon 3 of transcript AGAP005402-PA
JHU_Ag_91122	DLHGQLESGYSHR	AGAP005402-PA	-	56	2.83E-05	2	1498.714	7.28	Midgut	2L:+:15084891-15084929	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_92868	IIYALNTTIPTESFK	AGAP005402-PA	-	70	7.52E-07	1	1710.932	0.43	Head	2L:+:15084816-15084860	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_94763	IIYALNTTIPTESFK	AGAP005402-PA	-	55	1.87E-05	2	1710.942	6.28	Visceras	2L:+:15084816-15084860	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_98211	DLHGQLESGYSHR	AGAP005402-PA	-	50	0.000101661	1	1498.703	-0.22	Ovary	2L:+:15084891-15084929	exon=> In CDS Exon 2 of transcript AGAP005402-PA
JHU_Ag_116229	LLQSELSVEDIIR	AGAP005402-PA	-	51	5.22E-05	2	1514.849	4.39	Head	2L:+:15085126-15085164	exon=> In CDS Exon 3 of transcript AGAP005402-PA
JHU_Ag_116976	YECADFSQFQEQLK	AGAP005402-PA	C3(Carbamidomethyl)	51	6.18E-05	2	1792.788	1.69	Visceras	2L:+:15084609-15084638,15084780-15084791	exon=> In CDS Exon 1 and 2 of transcript AGAP005402-PA
JHU_Ag_228	SIIGEVHAR	AGAP005404-PA	-	43	0.000441846	2	981.549	1.31	Malpighian tubule	2L:-:15147938-15147912	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_1544	LTQEYQDYQK	AGAP005404-PA	-	56	1.98E-05	1	1315.614	-1.94	Male reproductive organs	2L:-:15148334-15148305	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_4367	QIWEAQTNTFEQLR	AGAP005404-PA	-	93	7.92E-09	2	1763.876	2.95	Malpighian tubule	2L:-:15148202-15148161	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_6770	DDLDSLFEDFNER	AGAP005404-PA	-	82	3.79E-08	2	1614.696	2.44	Head	2L:-:15148250-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_11050	SIIGEVHAR	AGAP005404-PA	-	58	1.45E-05	1	981.547	-0.31	Midgut	2L:-:15147938-15147912	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_16201	LDEVIGR	AGAP005404-PA	-	60	2.26E-05	2	801.448	1.19	Male reproductive organs	2L:-:15148145-15148125	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_16703	DGTVPFWEYGGHAIASSENVR	AGAP005404-PA	-	69	1.95E-06	2	2292.069	0.46	Salivary gland	2L:-:15149943-15150111,15149227-15149353	exon=> In CDS Exon 2 and 1 of transcript AGAP005404-PA

JHU_Ag_22616	DGTVPFWEYGGHAIASSENVR	AGAP005404-PA	-	86	3.45E-08	2	2292.068	0.04	Malpighian tubule	2L:-:15149943-15150111,15149227-15149353	exon=> In CDS Exon 2 and 1 of transcript AGAP005404-PA
JHU_Ag_23751	AENVVLPK	AGAP005404-PA	-	44	0.000148957	2	869.505	-5.12	Pupa	2L:-:15148493-15148470	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_24521	KLELQK	AGAP005404-PA	-	44	0.000339459	2	758.488	14.24	Male reproductive organs	2L:-:15148304-15148287	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_24831	IGADGLAFWYTAEK	AGAP005404-PA	-	92	1.18E-08	2	1541.766	1.54	Pupa	2L:-:15149244-15149381,15148966-15149115	exon=> In CDS Exon 3 and 2 of transcript AGAP005404-PA
JHU_Ag_26285	EHPDEQKDDLDSLFEDFNER	AGAP005404-PA	-	83	3.39E-08	1	2478.075	2.25	Ovary	2L:-:15148271-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_26641	LTQEYQDYQK	AGAP005404-PA	-	78	1.45E-07	1	1315.616	-0.46	Midgut	2L:-:15148334-15148305	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_29986	YSFKPPYLAQK	AGAP005404-PA	-	41	0.000751145	1	1341.720	-0.03	Midgut	2L:-:15149976-15149944	exon=> In CDS Exon 1 of transcript AGAP005404-PA
JHU_Ag_31639	LTQEYQDYQK	AGAP005404-PA	-	77	1.96E-07	1	1315.617	0.57	Salivary gland	2L:-:15148334-15148305	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_35582	SIIGEVHAR	AGAP005404-PA	-	40	0.000832704	2	981.552	4.29	Male reproductive organs	2L:-:15147938-15147912	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_40464	EHPDEQKDDLDSLFEDFNER	AGAP005404-PA	-	83	3.68E-08	1	2478.074	1.96	Male reproductive organs	2L:-:15148271-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_42220	AENVVLPK	AGAP005404-PA	-	47	8.11E-05	1	869.509	-0.42	Salivary gland	2L:-:15148493-15148470	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_42368	QIWEAQTNTFEQLR	AGAP005404-PA	-	90	1.67E-08	1	1763.873	1.08	Pupa	2L:-:15148202-15148161	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_47502	LTQEYQDYQK	AGAP005404-PA	-	58	1.47E-05	1	1315.616	-0.64	Pupa	2L:-:15148334-15148305	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_48304	HNNPYISAVLNDGTR	AGAP005404-PA	-	59	2.27E-05	2	1670.833	5.08	Ovary	2L:-:15149027-15148983	exon=> In CDS Exon 3 of transcript AGAP005404-PA
JHU_Ag_49740	YSFKPPYLAQK	AGAP005404-PA	-	59	1.18E-05	1	1341.720	0.06	Salivary gland	2L:-:15149976-15149944	exon=> In CDS Exon 1 of transcript AGAP005404-PA
JHU_Ag_50571	EHPDEQKDDLDSLFEDFNER	AGAP005404-PA	-	54	2.70E-05	1	2478.066	-1.29	Head	2L:-:15148271-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_52842	IGADGLAFWYTAEK	AGAP005404-PA	-	115	4.73E-11	1	1541.768	2.89	Salivary gland	2L:-:15149244-15149381,15148966-15149115	exon=> In CDS Exon 3 and 2 of transcript AGAP005404-PA
JHU_Ag_56552	IGADGLAFWYTAEK	AGAP005404-PA	-	95	5.66E-09	1	1541.766	1.7	Male reproductive organs	2L:-:15149244-15149381,15148966-15149115	exon=> In CDS Exon 3 and 2 of transcript AGAP005404-PA
JHU_Ag_60423	DDLDSLFEDFNER	AGAP005404-PA	-	46	0.000178216	2	1614.706	8.49	Midgut	2L:-:15148250-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_62345	IGADGLAFWYTAEK	AGAP005404-PA	-	82	9.98E-08	2	1541.766	1.78	Malpighian tubule	2L:-:15149244-15149381,15148966-15149115	exon=> In CDS Exon 3 and 2 of transcript AGAP005404-PA
JHU_Ag_65346	QFDHQNDGSTQLLSGCLR	AGAP005404-PA	C16(Carbamidomethyl)	45	0.00046658	1	2075.960	1.67	Midgut	2L:-:15148982-15149138,15147772-15148614	exon=> In CDS Exon 4 and 3 of transcript AGAP005404-PA
JHU_Ag_71754	IGADGLAFWYTAEK	AGAP005404-PA	-	54	7.10E-05	1	1541.761	-1.86	Head	2L:-:15149244-15149381,15148966-15149115	exon=> In CDS Exon 3 and 2 of transcript AGAP005404-PA
JHU_Ag_71815	HNNPYISAVLNDGTR	AGAP005404-PA	-	100	1.45E-09	1	1670.827	1.65	Malpighian tubule	2L:-:15149027-15148983	exon=> In CDS Exon 3 of transcript AGAP005404-PA
JHU_Ag_73460	EHPDEQKDDLDSLFEDFNER	AGAP005404-PA	-	68	1.06E-06	2	2478.075	2.31	Midgut	2L:-:15148271-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA

JHU_Ag_76149	YSFKPPYLAQK	AGAP005404-PA	-	67	2.02E-06	1	1341.720	0.06	Male reproductive organs	2L:-:15149976-15149944	exon=> In CDS Exon 1 of transcript AGAP005404-PA
JHU_Ag_77363	LDEVIGR	AGAP005404-PA	-	55	6.07E-05	2	801.447	0.89	Salivary gland	2L:-:15148145-15148125	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_79341	DDLDSLFEDFNER	AGAP005404-PA	-	63	3.26E-06	2	1614.703	6.6	Malpighian tubule	2L:-:15148250-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_80246	DGTVPFWEYGGHAIASSENVR	AGAP005404-PA	-	57	2.65E-05	1	2292.071	1.28	Pupa	2L:-:15149943-15150111,15149227-15149353	exon=> In CDS Exon 2 and 1 of transcript AGAP005404-PA
JHU_Ag_81317	HEVDALLQNQNVMVQTVR	AGAP005404-PA	M13(Oxidation)	59	1.72E-05	1	2110.072	0.39	Male reproductive organs	2L:-:15148001-15147948	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_81897	SIIGEVHAR	AGAP005404-PA	-	49	0.000119685	1	981.545	-2.73	Head	2L:-:15147938-15147912	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_82989	DGTVPFWEYGGHAIASSENVR	AGAP005404-PA	-	61	1.02E-05	1	2292.065	-1.46	Male reproductive organs	2L:-:15149943-15150111,15149227-15149353	exon=> In CDS Exon 2 and 1 of transcript AGAP005404-PA
JHU_Ag_85920	SIIGEVHAR	AGAP005404-PA	-	45	0.000320245	2	981.547	-0.68	Pupa	2L:-:15147938-15147912	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_89615	HNNPYISAVLNDGTR	AGAP005404-PA	-	88	2.87E-08	2	1670.829	2.67	Head	2L:-:15149027-15148983	exon=> In CDS Exon 3 of transcript AGAP005404-PA
JHU_Ag_91866	QIWEAQTNTFEQLR	AGAP005404-PA	-	97	3.54E-09	1	1763.871	-0.31	Midgut	2L:-:15148202-15148161	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_92182	IGADGLAFWYTAEK	AGAP005404-PA	-	109	2.28E-10	1	1541.764	0.12	Midgut	2L:-:15149244-15149381,15148966-15149115	exon=> In CDS Exon 3 and 2 of transcript AGAP005404-PA
JHU_Ag_92738	YSFKPPYLAQK	AGAP005404-PA	-	40	0.001008052	1	1341.722	1.12	Malpighian tubule	2L:-:15149976-15149944	exon=> In CDS Exon 1 of transcript AGAP005404-PA
JHU_Ag_101644	HEVDALLQNQNVMVQTVR	AGAP005404-PA	M13(Oxidation)	99	1.85E-09	1	2110.079	3.94	Salivary gland	2L:-:15148001-15147948	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_103463	QIWEAQTNTFEQLR	AGAP005404-PA	-	77	3.22E-07	2	1763.870	-0.65	Male reproductive organs	2L:-:15148202-15148161	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_103889	SIIGEVHAR	AGAP005404-PA	-	46	0.000257793	2	981.549	1	Salivary gland	2L:-:15147938-15147912	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_105091	QIWEAQTNTFEQLR	AGAP005404-PA	-	82	1.08E-07	2	1763.872	0.39	Salivary gland	2L:-:15148202-15148161	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_110897	DGTVPFWEYGGHAIASSENVR	AGAP005404-PA	-	89	1.84E-08	2	2292.071	1.21	Midgut	2L:-:15149943-15150111,15149227-15149353	exon=> In CDS Exon 2 and 1 of transcript AGAP005404-PA
JHU_Ag_110899	QIWEAQTNTFEQLR	AGAP005404-PA	-	71	1.15E-06	1	1763.879	4.47	Head	2L:-:15148202-15148161	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_111813	AENVVLPK	AGAP005404-PA	-	53	1.83E-05	2	869.513	4	Male reproductive organs	2L:-:15148493-15148470	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_113635	DDLDSLFEDFNER	AGAP005404-PA	-	67	1.30E-06	2	1614.702	6.07	Salivary gland	2L:-:15148250-15148212	exon=> In CDS Exon 4 of transcript AGAP005404-PA
JHU_Ag_18052	AALNLYTNSLGFK	AGAP005410-PC	-	62	5.27E-06	2	1411.759	0.65	Head	2L:+:15212986-15213024	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_26619	DLSELVNNSDRPPAER	AGAP005410-PC	-	47	0.000287097	1	1811.886	-1.06	Head	2L:+:15213085-15213132	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_28058	MEEPEPGEESTHGHITSLAVK	AGAP005410-PC	M1(Oxidation)	95	5.11E-09	1	2294.064	1.52	Ovary	2L:+:15212809-15212871	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_32343	AALNLYTNSLGFK	AGAP005410-PC	-	52	5.00E-05	2	1411.762	2.64	Visceras	2L:+:15212986-15213024	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_65105	DLSELVNNSDRPPAER	AGAP005410-PC	-	73	8.72E-07	1	1811.890	1.09	Ovary	2L:+:15213085-15213132	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_73544	AALNLYTNSLGFK	AGAP005410-PC	-	62	5.81E-06	1	1411.760	1.08	Ovary	2L:+:15212986-15213024	exon=> In CDS Exon 1 of transcript AGAP005410-PC

JHU_Ag_75962	DLSELVNNSDRPPAER	AGAP005410-PC	-	52	9.28E-05	3	1811.888	-0.23	Malpighian tubule	2L:+:15213085-15213132	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_88492	AALNLYTNSLGFK	AGAP005410-PC	-	69	1.11E-06	2	1411.758	0.13	Male reproductive organs	2L:+:15212986-15213024	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_110132	DLSELVNNSDRPPAER	AGAP005410-PC	-	38	0.002453186	1	1811.891	1.39	Male reproductive organs	2L:+:15213085-15213132	exon=> In CDS Exon 1 of transcript AGAP005410-PC
JHU_Ag_5996	VLPLNLLISIISK	AGAP005413-PA	-	106	2.25E-12	2	1422.929	-0.25	Midgut	2L:+:15338171-15338209	exon=> In CDS Exon 2 of transcript AGAP005413-PA
JHU_Ag_38884	VLPLNLLISIISK	AGAP005413-PA	-	63	4.79E-08	1	1422.930	0.18	Ovary	2L:+:15338171-15338209	exon=> In CDS Exon 2 of transcript AGAP005413-PA
JHU_Ag_77205	THVYLNFDDRK	AGAP005413-PA,AGAP005413-PB	-	39	0.001892815	3	1407.699	-1.52	Head	2L:+:15337748-15337780;2L:+:15337748-15337780	exon=> In CDS Exon 2 of transcript AGAP005413-PA;exon=> In CDS Exon 2 of transcript AGAP005413-PB
JHU_Ag_24531	YAFHVGEFEGSIR	AGAP005414-PA	-	32	0.008293855	1	1511.737	5.91	Ovary	2L:-:15339564-15339526	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_29032	LKDIFVSPELADDAENDLAK	AGAP005414-PA	-	118	2.38E-11	1	2203.113	0.04	Midgut	2L:-:15339300-15339241	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_49649	VPCPPVVITVSR	AGAP005414-PA	C3(Carbamidomethyl)	84	2.16E-08	1	1323.748	2.14	Ovary	2L:-:15338922-15338887	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_59059	ATADHATSSSSSSSSSSSSSK	AGAP005414-PA	-	63	2.99E-06	2	2032.853	-0.54	Malpighian tubule	2L:-:15339948-15339883	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_72583	DIFVSPELADDAENDLAK	AGAP005414-PA	-	82	8.32E-08	2	1961.942	3.95	Head	2L:-:15339294-15339241	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_79927	EEIETMVGQLER	AGAP005414-PA	M6(Oxidation)	68	2.40E-06	2	1449.691	1.14	Midgut	2L:-:15338970-15338935	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_84466	YAFHVGEFEGSIR	AGAP005414-PA	-	46	0.000366336	1	1511.728	0.1	Malpighian tubule	2L:-:15339564-15339526	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_112154	LKDIFVSPELADDAENDLAK	AGAP005414-PA	-	102	8.16E-10	1	2203.118	2.36	Ovary	2L:-:15339300-15339241	exon=> In CDS Exon 1 of transcript AGAP005414-PA
JHU_Ag_2462	LNLQVECFTHSTVPK	AGAP005418-PA	C7(Carbamidomethyl)	53	6.85E-05	1	1772.907	3.79	Salivary gland	2L:-:15362036-15361992	exon=> In CDS Exon 3 of transcript AGAP005418-PA
JHU_Ag_9613	DRLNLQVECFTHSTVPK	AGAP005418-PA	C9(Carbamidomethyl)	99	1.89E-09	1	2044.036	3.67	Ovary	2L:-:15362042-15361992	exon=> In CDS Exon 3 of transcript AGAP005418-PA
JHU_Ag_11101	VLQQLAELKK	AGAP005418-PA	-	29	0.001505559	1	1169.725	-0.45	Male reproductive organs	2L:-:15362339-15362310	exon=> In CDS Exon 2 of transcript AGAP005418-PA
JHU_Ag_12460	LSEEALAFQNAVTASGTAAANLPR	AGAP005418-PA	-	81	9.83E-08	1	2402.226	-2.23	Ovary	2L:-:15361991-15361920	exon=> In CDS Exon 3 of transcript AGAP005418-PA
JHU_Ag_28027	AAGFGGADLSLCDIAFTSAVK	AGAP005418-PA	C12(Carbamidomethyl)	60	1.42E-05	2	2071.022	2.39	Salivary gland	2L:-:15361577-15361515	exon=> In CDS Exon 4 of transcript AGAP005418-PA
JHU_Ag_41613	AAGFGGADLSLCDIAFTSAVK	AGAP005418-PA	C12(Carbamidomethyl)	65	5.09E-06	2	2071.027	4.86	Head	2L:-:15361577-15361515	exon=> In CDS Exon 4 of transcript AGAP005418-PA
JHU_Ag_44271	AEPINLTCLQDFVVNASPEYVPYSLLALK	AGAP005418-PA	C8(Carbamidomethyl)	188	8.90E-19	1	3264.696	2.93	Ovary	2L:-:15362213-15362384,15361892-15362055	exon=> In CDS Exon 3 and 2 of transcript AGAP005418-PA
JHU_Ag_48000	AAGFGGADLSLCDIAFTSAVK	AGAP005418-PA	C12(Carbamidomethyl)	86	3.94E-08	2	2071.019	1.21	Malpighian tubule	2L:-:15361577-15361515	exon=> In CDS Exon 4 of transcript AGAP005418-PA
JHU_Ag_49358	LNANAPPAVQPSTPLK	AGAP005418-PA	-	62	4.56E-06	1	1617.895	-0.7	Ovary	2L:-:15362279-15362232	exon=> In CDS Exon 2 of transcript AGAP005418-PA
JHU_Ag_70017	AAGFGGADLSLCDIAFTSAVK	AGAP005418-PA	C12(Carbamidomethyl)	90	1.60E-08	2	2071.027	5.22	Midgut	2L:-:15361577-15361515	exon=> In CDS Exon 4 of transcript AGAP005418-PA
JHU_Ag_88586	VLQQLAELK	AGAP005418-PA	-	52	3.92E-05	1	1041.628	-2.02	Ovary	2L:-:15362339-15362313	exon=> In CDS Exon 2 of transcript AGAP005418-PA
JHU_Ag_105367	AFSADSATGLAAAGPVDPMSIEIDNLLQK	AGAP005418-PA	M19(Oxidation)	52	8.11E-05	1	2918.448	0.94	Ovary	2L:-:15362629-15362543	exon=> In CDS Exon 1 of transcript AGAP005418-PA
JHU_Ag_105408	LSEEALAFQNAVTASGTAAANLPR	AGAP005418-PA	-	59	1.40E-05	3	2402.239	3.34	Salivary gland	2L:-:15361991-15361920	exon=> In CDS Exon 3 of transcript AGAP005418-PA

JHU_Ag_113256	VLQQLAELKK	AGAP005418-PA	-	34	0.000508977	1	1169.724	-1.23	Ovary	2L:-:15362339-15362310	exon=> In CDS Exon 2 of transcript AGAP005418-PA
JHU_Ag_3202	IVLSSVDDLKK	AGAP005419-PA	-	71	3.60E-07	1	1216.718	2.29	Male reproductive organs	2L:+:15364161-15364190,15364256-15364258	exon=> In CDS Exon 3 and 4 of transcript AGAP005419-PA
JHU_Ag_9887	TDITEYALETLSR	AGAP005419-PA	-	43	0.000787569	2	1511.761	1.62	Midgut	2L:+:15364259-15364297	exon=> In CDS Exon 4 of transcript AGAP005419-PA
JHU_Ag_10432	FGVAPDHPEVK	AGAP005419-PA	-	63	5.82E-06	2	1195.615	3.56	Malpighian tubule	2L:+:15363749-15363781	exon=> In CDS Exon 2 of transcript AGAP005419-PA
JHU_Ag_13914	LPVPFGLVR	AGAP005419-PA	-	30	0.001918822	1	997.622	2.2	Pupa	2L:+:15363649-15363674,15363748-15363748	exon=> In CDS Exon 1 and 2 of transcript AGAP005419-PA
JHU_Ag_20317	LPVPFGLVR	AGAP005419-PA	-	30	0.001968022	1	997.619	0.12	Visceras	2L:+:15363649-15363674,15363748-15363748	exon=> In CDS Exon 1 and 2 of transcript AGAP005419-PA
JHU_Ag_32513	IVLSSVDDLKK	AGAP005419-PA	-	38	0.000743794	1	1216.716	0.8	Malpighian tubule	2L:+:15364161-15364190,15364256-15364258	exon=> In CDS Exon 3 and 4 of transcript AGAP005419-PA
JHU_Ag_33858	ETIATDLVCR	AGAP005419-PA	C9(Carbamidomethyl)	58	2.85E-05	2	1177.588	-0.23	Male reproductive organs	2L:+:15364746-15364775	exon=> In CDS Exon 5 of transcript AGAP005419-PA
JHU_Ag_42684	ICIVGAGPAGFYTAQYILK	AGAP005419-PA	C2(Carbamidomethyl)	46	0.000260332	1	2042.089	5.45	Malpighian tubule	2L:+:15363556-15363612	exon=> In CDS Exon 1 of transcript AGAP005419-PA
JHU_Ag_48183	LPVPFGLVR	AGAP005419-PA	-	38	0.00031335	2	997.620	0.8	Male reproductive organs	2L:+:15363649-15363674,15363748-15363748	exon=> In CDS Exon 1 and 2 of transcript AGAP005419-PA
JHU_Ag_58982	LPVPFGLVR	AGAP005419-PA	-	49	2.47E-05	1	997.620	0.49	Malpighian tubule	2L:+:15363649-15363674,15363748-15363748	exon=> In CDS Exon 1 and 2 of transcript AGAP005419-PA
JHU_Ag_65295	SRIDTVHLVGR	AGAP005419-PA	-	43	0.000306936	1	1252.709	-2.19	Malpighian tubule	2L:+:15364298-15364330	exon=> In CDS Exon 4 of transcript AGAP005419-PA
JHU_Ag_85637	VEAVEYVVNR	AGAP005419-PA	-	69	1.98E-06	1	1177.625	3.05	Male reproductive organs	2L:+:15364680-15364709	exon=> In CDS Exon 5 of transcript AGAP005419-PA
JHU_Ag_87068	TDITEYALETLSR	AGAP005419-PA	-	87	3.08E-08	1	1511.760	0.97	Male reproductive organs	2L:+:15364259-15364297	exon=> In CDS Exon 4 of transcript AGAP005419-PA
JHU_Ag_87698	VEAVEYVVNR	AGAP005419-PA	-	66	3.72E-06	2	1177.620	-0.68	Midgut	2L:+:15364680-15364709	exon=> In CDS Exon 5 of transcript AGAP005419-PA
JHU_Ag_114589	RGPLQAAFTIK	AGAP005419-PA	-	36	0.001186304	1	1201.704	-0.7	Male reproductive organs	2L:+:15364331-15364363	exon=> In CDS Exon 4 of transcript AGAP005419-PA
JHU_Ag_1847	LGYTGHKPFLWPR	AGAP005420-PA	-	82	7.59E-08	1	1571.848	-0.25	Male reproductive organs	2L:-:15366887-15367058,15365700-15365906	exon=> In CDS Exon 5 and 4 of transcript AGAP005420-PA
JHU_Ag_13615	LLIDPTVAHSEK	AGAP005420-PA	-	77	1.43E-07	1	1322.731	-0.59	Male reproductive organs	2L:-:15367599-15367564	exon=> In CDS Exon 2 of transcript AGAP005420-PA
JHU_Ag_16245	ALCDFTNSYNHR	AGAP005420-PA	C3(Carbamidomethyl)	86	1.78E-08	1	1497.653	-0.57	Male reproductive organs	2L:-:15365872-15365837	exon=> In CDS Exon 5 of transcript AGAP005420-PA
JHU_Ag_20278	LVRPDALSVVK	AGAP005420-PA	-	66	4.40E-07	1	1196.736	-0.45	Male reproductive organs	2L:-:15367025-15366993	exon=> In CDS Exon 4 of transcript AGAP005420-PA
JHU_Ag_22571	FGESNVPISSK	AGAP005420-PA	-	62	1.04E-05	2	1164.590	0.16	Male reproductive organs	2L:-:15365905-15365873	exon=> In CDS Exon 5 of transcript AGAP005420-PA
JHU_Ag_27381	IGNTYSALTHR	AGAP005420-PA	-	76	4.63E-07	1	1232.633	-4.27	Male reproductive organs	2L:-:15367632-15367600	exon=> In CDS Exon 2 of transcript AGAP005420-PA
JHU_Ag_63833	FTPMPGYEGYIPR	AGAP005420-PA	M4(Oxidation)	58	1.86E-05	2	1543.726	0.55	Male reproductive organs	2L:-:15367360-15367322	exon=> In CDS Exon 3 of transcript AGAP005420-PA
JHU_Ag_69889	STDWEPITLAGAGTSQPSAK	AGAP005420-PA	-	118	2.71E-11	1	2016.987	-0.13	Male reproductive organs	2L:-:15365833-15365774	exon=> In CDS Exon 5 of transcript AGAP005420-PA

JHU_Ag_73890	YAVTTTEGLSEFER	AGAP005420-PA	-	96	3.66E-09	2	1602.766	0.71	Male reproductive organs	2L:-:15367297-15367256	exon=> In CDS Exon 3 of transcript AGAP005420-PA
JHU_Ag_85257	EVPMENLPPLPGLPYFSR	AGAP005420-PA	M4(Oxidation)	36	0.003437714	1	2072.058	2.74	Male reproductive organs	2L:-:15366992-15366939	exon=> In CDS Exon 4 of transcript AGAP005420-PA
JHU_Ag_87124	TNDEYSIER	AGAP005420-PA	-	39	0.001139524	2	1126.505	3.15	Male reproductive organs	2L:-:15367545-15367666,15367160-15367436	exon=> In CDS Exon 3 and 2 of transcript AGAP005420-PA
JHU_Ag_96912	VSTPQPHFVPGYTGYCPQYMYR	AGAP005420-PA	C16(Carbamidomethyl), M20(Oxidation)	79	1.35E-07	1	2664.201	0.13	Male reproductive organs	2L:-:15369039-15369063,15367528-15367633	exon=> In CDS Exon 2 and 1 of transcript AGAP005420-PA
JHU_Ag_100370	LNDYEIPLR	AGAP005420-PA	-	62	1.08E-05	2	1132.599	-0.83	Male reproductive organs	2L:-:15367052-15367026	exon=> In CDS Exon 4 of transcript AGAP005420-PA
JHU_Ag_106695	TIGLLPNYQGHVPGAMFR	AGAP005420-PA	M16(Oxidation)	53	6.75E-05	1	1987.024	0.97	Male reproductive organs	2L:-:15365752-15365940,15365542-15365602	exon=> In CDS Exon 6 and 5 of transcript AGAP005420-PA
JHU_Ag_6141	IVTHKPETLPIK	AGAP005421-PA	-	62	5.26E-07	1	1375.832	0.74	Head	2L:+:15374331-15374366	exon=> In CDS Exon 2 of transcript AGAP005421-PA
JHU_Ag_68015	NMLVPLAQAPIFISFFMGLR	AGAP005421-PA	M2(Oxidation), M17(Oxidation)	63	4.38E-06	1	2297.216	-0.93	Ovary	2L:+:15373935-15373994	exon=> In CDS Exon 2 of transcript AGAP005421-PA
JHU_Ag_81509	TLLFPLVIASQR	AGAP005421-PA	-	40	0.00018115	2	1357.824	3.04	Malpighian tubule	2L:+:15373746-15373781	exon=> In CDS Exon 2 of transcript AGAP005421-PA
JHU_Ag_86292	TLLFPLVIASQR	AGAP005421-PA	-	47	3.89E-05	2	1357.824	2.41	Male reproductive organs	2L:+:15373746-15373781	exon=> In CDS Exon 2 of transcript AGAP005421-PA
JHU_Ag_117682	TLLFPLVIASQR	AGAP005421-PA	-	74	6.81E-08	2	1357.818	-1.73	Midgut	2L:+:15373746-15373781	exon=> In CDS Exon 2 of transcript AGAP005421-PA
JHU_Ag_8037	EDEDEDVVDPFDER	AGAP005422-PA	-	39	0.000422815	2	1708.696	8.31	Head	2L:-:15375230-15375189	exon=> In CDS Exon 1 of transcript AGAP005422-PA
JHU_Ag_33217	TELENVNPNVYKK	AGAP005422-PA	N-Term(Acetyl)	102	9.25E-10	1	1589.819	1.41	Malpighian tubule	2L:-:15375293-15375255	exon=> In CDS Exon 1 of transcript AGAP005422-PA
JHU_Ag_60215	NINDPEHPLTLEELHVLEQSLITVDNEK	AGAP005422-PA	-	98	1.40E-09	1	3239.667	7.5	Ovary	2L:-:15375090-15375007	exon=> In CDS Exon 2 of transcript AGAP005422-PA
JHU_Ag_2754	MLDAQTIEEYVK	AGAP005423-PA	M1(Oxidation)	72	9.20E-07	2	1455.707	2.11	Pupa	2L:+:15376288-15376323	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_4532	DVVVLGVEK	AGAP005423-PA	-	62	9.12E-06	1	957.561	-0.89	Malpighian tubule	2L:+:15375748-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_10692	ALLEVVQSGQK	AGAP005423-PA	-	94	3.67E-09	1	1171.670	1.22	Ovary	2L:+:15376213-15376245	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_12026	LSEEDPVTLEYITR	AGAP005423-PA	-	136	3.38E-13	1	1664.839	0.66	Head	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_17332	TEPSGVYCEWK	AGAP005423-PA	C8(Carbamidomethyl)	45	0.000234415	1	1355.596	1.53	Ovary	2L:+:15376072-15376104	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_26857	TEPSGVYCEWK	AGAP005423-PA	C8(Carbamidomethyl)	30	0.006294842	1	1355.595	1.17	Head	2L:+:15376072-15376104	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_28084	LSEEDPVTLEYITR	AGAP005423-PA	-	116	4.18E-11	1	1664.840	1.1	Ovary	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_30288	GKDVVVLGVEK	AGAP005423-PA	-	67	1.26E-06	2	1142.676	-1.92	Midgut	2L:+:15375742-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_31406	ALLEVVQSGQK	AGAP005423-PA	-	84	3.85E-08	2	1171.670	1.33	Malpighian tubule	2L:+:15376213-15376245	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_34080	LSEEDPVTLEYITR	AGAP005423-PA	-	74	5.93E-07	2	1664.841	1.83	Visceras	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_34739	TEPSGVYCEWK	AGAP005423-PA	C8(Carbamidomethyl)	44	0.000229021	2	1355.590	-2.61	Midgut	2L:+:15376072-15376104	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_35063	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	97	2.11E-09	1	2443.270	3.32	Male reproductive organs	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA

JHU_Ag_39852	EFLEEHYSPAAVSTEEGTITLAIR	AGAP005423-PA	-	106	3.56E-10	1	2663.321	0.45	Ovary	2L:+:15376141-15376212	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_42500	AITVFSPDGHLLQVEYAQEAVRK	AGAP005423-PA	-	44	0.000297477	1	2571.349	-2.99	Midgut	2L:+:15375649-15375717	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_45023	AITVFSPDGHLLQVEYAQEAVRK	AGAP005423-PA	-	70	6.20E-07	1	2571.369	4.84	Malpighian tubule	2L:+:15375649-15375717	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_47863	GKDVVVLGVEK	AGAP005423-PA	-	76	1.60E-07	2	1142.679	0.65	Male reproductive organs	2L:+:15375742-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_48607	MLDAQTIEEYVK	AGAP005423-PA	M1(Oxidation)	53	7.06E-05	2	1455.703	-0.23	Head	2L:+:15376288-15376323	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_49708	LSEEDPVTLEYITR	AGAP005423-PA	-	128	2.39E-12	1	1664.839	0.58	Midgut	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_50351	LSEEDPVTLEYITR	AGAP005423-PA	-	110	1.56E-10	1	1664.841	1.83	Pupa	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_50798	GKDVVVLGVEK	AGAP005423-PA	-	52	3.81E-05	2	1142.678	0.32	Pupa	2L:+:15375742-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_55766	AITVFSPDGHLLQVEYAQEAVRK	AGAP005423-PA	-	52	4.12E-05	1	2571.363	2.53	Head	2L:+:15375649-15375717	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_57664	TEPSGVYCEWK	AGAP005423-PA	C8(Carbamidomethyl)	49	8.48E-05	2	1355.594	0.27	Male reproductive organs	2L:+:15376072-15376104	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_57823	GKDVVVLGVEK	AGAP005423-PA	-	63	3.14E-06	1	1142.677	-1.06	Ovary	2L:+:15375742-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_58015	TEPSGVYCEWKANATGR	AGAP005423-PA	C8(Carbamidomethyl)	48	0.000232203	1	1925.883	0.91	Malpighian tubule	2L:+:15376072-15376122	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_58431	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	183	5.76E-18	1	2443.261	-0.17	Ovary	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_61981	DVVVLGVEK	AGAP005423-PA	-	36	0.002404547	2	957.563	1.2	Ovary	2L:+:15375748-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_62346	RPFGISCLIGGFDYDGVPHLYK	AGAP005423-PA	C7(Carbamidomethyl)	67	2.71E-06	1	2511.260	4.33	Malpighian tubule	2L:+:15376006-15376071	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_68121	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	115	4.24E-11	1	2443.261	-0.28	Midgut	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_69552	LSEEDPVTLEYITR	AGAP005423-PA	-	115	4.99E-11	1	1664.839	0.44	Male reproductive organs	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_71148	DVVVLGVEK	AGAP005423-PA	-	34	0.005209726	2	957.562	-0.01	Head	2L:+:15375748-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_71556	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	106	2.84E-10	1	2443.265	1.37	Head	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_71783	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	89	1.46E-08	1	2443.262	-0.05	Salivary gland	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_79167	GKDVVVLGVEK	AGAP005423-PA	-	34	0.002628898	2	1142.676	-1.71	Visceras	2L:+:15375742-15375774	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_79461	ALLEVVQSGQK	AGAP005423-PA	-	61	7.41E-06	2	1171.665	-2.63	Midgut	2L:+:15376213-15376245	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_79564	LSEEDPVTLEYITR	AGAP005423-PA	-	65	4.90E-06	2	1664.845	4.25	Larva	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_82150	SLEVAVMR	AGAP005423-PA	M7(Oxidation)	55	5.14E-05	1	920.486	-0.78	Male reproductive organs	2L:+:15376246-15376269	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_84147	LSEEDPVTLEYITR	AGAP005423-PA	-	95	5.17E-09	2	1664.837	-0.44	Malpighian tubule	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_85259	EFLEEHYSPAAVSTEEGTITLAIR	AGAP005423-PA	-	39	0.001817032	1	2663.322	0.79	Visceras	2L:+:15376141-15376212	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_85965	TVREFLEEHYSPAAVSTEEGTITLAIR	AGAP005423-PA	-	182	6.31E-18	1	3019.550	4.22	Malpighian tubule	2L:+:15376132-15376212	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_86101	RPFGISCLIGGFDYDGVPHLYK	AGAP005423-PA	C7(Carbamidomethyl)	65	4.65E-06	1	2511.250	0.44	Visceras	2L:+:15376006-15376071	exon=> In CDS Exon 1 of transcript AGAP005423-PA

JHU_Ag_87003	ALLEVVQSGQK	AGAP005423-PA	-	101	8.21E-10	1	1171.668	-0.24	Male reproductive organs	2L:+:15376213-15376245	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_87801	ICLLDHHVVMAFAGLTADAR	AGAP005423-PA	C2(Carbamidomethyl), M10(Oxidation)	37	0.002656 66	1	2226.121	2.28	Ovary	2L:+:15375817-15375876	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_88216	EFLEEHYSPAAVSTEEGTITLAIR	AGAP005423-PA	-	41	0.001087 333	3	2663.322	0.72	Midgut	2L:+:15376141-15376212	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_99025	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	120	1.30E-11	1	2443.265	1.43	Pupa	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_99657	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	109	1.40E-10	1	2443.269	3.02	Malpighian tubule	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_101357	RPFGISCLIGGFDYDGVPHLYK	AGAP005423-PA	C7(Carbamidomethyl)	46	0.000361 348	1	2511.249	0.15	Male reproductive organs	2L:+:15376006-15376071	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_101911	RPFGISCLIGGFDYDGVPHLYK	AGAP005423-PA	C7(Carbamidomethyl)	97	2.25E-09	1	2511.267	7.28	Ovary	2L:+:15376006-15376071	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_102546	YIAELK	AGAP005423-PA	-	32	0.003136 555	1	736.424	-0.57	Ovary	2L:+:15375961-15375978	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_103255	AITVFSPDGHLLQVEYAQEAVRK	AGAP005423-PA	-	60	8.23E-06	1	2571.355	-0.57	Pupa	2L:+:15375649-15375717	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_105562	AITVFSPDGHLLQVEYAQEAVR	AGAP005423-PA	-	84	5.03E-08	1	2443.269	2.94	Visceras	2L:+:15375649-15375714	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_105621	SLEVAVMR	AGAP005423-PA	M7(Oxidation)	43	0.000738 53	2	920.486	-0.72	Ovary	2L:+:15376246-15376269	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_109350	ALLEVVQSGQK	AGAP005423-PA	-	65	2.65E-06	2	1171.669	0.49	Pupa	2L:+:15376213-15376245	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_109812	LSEEDPVTLEYITR	AGAP005423-PA	-	73	7.77E-07	1	1664.840	1.32	Salivary gland	2L:+:15375919-15375960	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_112073	ALLEVVQSGQK	AGAP005423-PA	-	79	1.05E-07	2	1171.669	0.81	Salivary gland	2L:+:15376213-15376245	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_112218	MLDAQTIEEYVK	AGAP005423-PA	M1(Oxidation)	87	2.98E-08	1	1455.703	-0.65	Ovary	2L:+:15376288-15376323	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_112520	RPFGISCLIGGFDYDGVPHLYK	AGAP005423-PA	C7(Carbamidomethyl)	101	1.10E-09	1	2511.248	-0.23	Midgut	2L:+:15376006-15376071	exon=> In CDS Exon 1 of transcript AGAP005423-PA
JHU_Ag_1478	HLSDVEFEAILQCTRPEFYR	AGAP005425-PA	C13(Carbamidomethyl)	56	3.24E-05	1	2510.218	1.67	Head	2L:-:15383650-15383591	exon=> In CDS Exon 12 of transcript AGAP005425-PA
JHU_Ag_4029	SDISGDSITEGDRR	AGAP005425-PA	-	33	0.006559 212	1	1507.703	3.34	Malpighian tubule	2L:-:15384110-15384170,15383732-15383933	exon=> In CDS Exon 11 and 10 of transcript AGAP005425-PA
JHU_Ag_10131	MRYESPVGASPSR	AGAP005425-PA	-	37	0.002912 526	1	1436.698	2.11	Malpighian tubule	2L:-:15387228-15387190	exon=> In CDS Exon 8 of transcript AGAP005425-PA
JHU_Ag_15761	SPPKPGYGFK	AGAP005425-PA	-	41	0.001041 383	1	1077.575	2.06	Malpighian tubule	2L:-:15386310-15386281	exon=> In CDS Exon 9 of transcript AGAP005425-PA
JHU_Ag_16187	HLSDVEFEAILQCTRPEFYR	AGAP005425-PA	C13(Carbamidomethyl)	55	4.60E-05	1	2510.229	6.34	Ovary	2L:-:15383650-15383591	exon=> In CDS Exon 12 of transcript AGAP005425-PA
JHU_Ag_18156	VTNTGKEVLCESCVK	AGAP005425-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	100	1.81E-09	1	1723.840	2.46	Malpighian tubule	2L:-:15389690-15389646	exon=> In CDS Exon 3 of transcript AGAP005425-PA
JHU_Ag_22128	HLSDVEFEAILQCTRPEFYR	AGAP005425-PA	C13(Carbamidomethyl)	49	0.000170 978	1	2510.218	1.82	Salivary gland	2L:-:15383650-15383591	exon=> In CDS Exon 12 of transcript AGAP005425-PA
JHU_Ag_25799	SPGMNNEEPIELSHYPAAK	AGAP005425-PA	M4(Oxidation)	57	1.97E-05	1	2099.967	-1.41	Head	2L:-:15387707-15387651	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_29990	HTKEEEELR	AGAP005425-PA	-	48	0.000167 072	1	1170.578	2.21	Malpighian tubule	2L:-:15387396-15387370	exon=> In CDS Exon 8 of transcript AGAP005425-PA
JHU_Ag_30212	EYKNQGYEDIAR	AGAP005425-PA	-	82	7.17E-08	1	1485.700	2.42	Malpighian tubule	2L:-:15387989-15387954	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_36091	DGAYYCTLDYQK	AGAP005425-PA	C6(Carbamidomethyl)	68	9.69E-07	1	1496.640	2.63	Head	2L:-:15390215-15390180	exon=> In CDS Exon 2 of transcript AGAP005425-PA

JHU_Ag_36804	SLATGGFFSK	AGAP005425-PA	-	45	0.000291895	2	1014.528	2.63	Salivary gland	2L:-:15390245-15390216	exon=> In CDS Exon 2 of transcript AGAP005425-PA
JHU_Ag_37412	AATLQHHQETVK	AGAP005425-PA	-	72	1.02E-06	1	1362.707	-3.7	Head	2L:-:15389459-15389424	exon=> In CDS Exon 4 of transcript AGAP005425-PA
JHU_Ag_40684	NLDHQKPFYEDEFDRSTSYR	AGAP005425-PA	-	61	1.19E-05	1	2547.167	5.42	Malpighian tubule	2L:-:15387189-15387130	exon=> In CDS Exon 8 of transcript AGAP005425-PA
JHU_Ag_41799	NLDHQKPFYEDEFDR	AGAP005425-PA	-	63	4.96E-06	1	1952.879	1.07	Malpighian tubule	2L:-:15387189-15387145	exon=> In CDS Exon 8 of transcript AGAP005425-PA
JHU_Ag_42986	SPGMNNEEPIELSHYPAAK	AGAP005425-PA	M4(Oxidation)	130	1.24E-12	1	2099.977	3.3	Malpighian tubule	2L:-:15387707-15387651	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_43459	IERDDFPAPPYPYTDPER	AGAP005425-PA	-	39	0.002073626	1	2178.018	2.01	Head	2L:-:15387623-15387570	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_47020	AIGNATSYNAIHSYR	AGAP005425-PA	-	106	4.93E-10	1	1637.807	2.65	Malpighian tubule	2L:-:15387114-15387400,15386239-15386311	exon=> In CDS Exon 9 and 8 of transcript AGAP005425-PA
JHU_Ag_47207	ALGAELPASSTYSGALSYHYPQQPTRR	AGAP005425-PA	-	101	8.75E-10	1	2921.466	4.22	Malpighian tubule	2L:-:15383932-15383852	exon=> In CDS Exon 11 of transcript AGAP005425-PA
JHU_Ag_48160	NQGYEDIAR	AGAP005425-PA	-	44	0.000554741	2	1065.497	0.48	Salivary gland	2L:-:15387980-15387954	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_50229	IYTYSYLTEEPGYLR	AGAP005425-PA	-	82	9.57E-08	2	1867.921	5.24	Salivary gland	2L:-:15387953-15387909	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_50561	AIGNATSYNAIHSYRSPPKPGYGFK	AGAP005425-PA	-	43	0.000579923	1	2696.365	2.72	Malpighian tubule	2L:-:15387114-15387400,15386239-15386281	exon=> In CDS Exon 9 and 8 of transcript AGAP005425-PA
JHU_Ag_50795	NLDHQKPFYEDEFDR	AGAP005425-PA	-	72	6.19E-07	1	1952.877	0.04	Male reproductive organs	2L:-:15387189-15387145	exon=> In CDS Exon 8 of transcript AGAP005425-PA
JHU_Ag_56040	IYTYSYLTEEPGYLR	AGAP005425-PA	-	65	4.77E-06	2	1867.910	-0.9	Male reproductive organs	2L:-:15387953-15387909	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_62158	IYTYSYLTEEPGYLR	AGAP005425-PA	-	96	3.96E-09	2	1867.916	2.3	Head	2L:-:15387953-15387909	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_66411	ALGAELPASSTYSGALSYHYPQQPTR	AGAP005425-PA	-	103	7.36E-10	1	2765.357	1.52	Head	2L:-:15383932-15383855	exon=> In CDS Exon 11 of transcript AGAP005425-PA
JHU_Ag_67387	SQTPSVNGSVYSPYTHR	AGAP005425-PA	-	36	0.004316877	1	1879.906	6.5	Head	2L:-:15388325-15388275	exon=> In CDS Exon 6 of transcript AGAP005425-PA
JHU_Ag_72918	SDISGDSITEGDRR	AGAP005425-PA	-	52	7.98E-05	1	1507.701	1.96	Head	2L:-:15384110-15384170,15383732-15383933	exon=> In CDS Exon 11 and 10 of transcript AGAP005425-PA
JHU_Ag_75978	IYTYSYLTEEPGYLR	AGAP005425-PA	-	83	6.90E-08	1	1867.920	4.52	Malpighian tubule	2L:-:15387953-15387909	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_82503	TIKEITSSPTK	AGAP005425-PA	-	68	1.01E-06	1	1204.679	0.61	Malpighian tubule	2L:-:15389492-15389460	exon=> In CDS Exon 4 of transcript AGAP005425-PA
JHU_Ag_83345	VLQAGDNHHFHPTCAR	AGAP005425-PA	C14(Carbamidomethyl)	57	2.88E-05	1	1859.878	3.28	Head	2L:-:15389067-15389020	exon=> In CDS Exon 5 of transcript AGAP005425-PA
JHU_Ag_84643	SPPKPGYGFK	AGAP005425-PA	-	41	0.001120373	1	1077.572	-0.45	Salivary gland	2L:-:15386310-15386281	exon=> In CDS Exon 9 of transcript AGAP005425-PA
JHU_Ag_89004	RPIEPYDR	AGAP005425-PA	-	46	0.000508512	2	1045.537	-5.4	Head	2L:-:15387908-15387885	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_89924	IYPYHLLLITNYR	AGAP005425-PA	-	50	5.77E-05	2	1678.929	-1.23	Salivary gland	2L:-:15383803-15383765	exon=> In CDS Exon 11 of transcript AGAP005425-PA
JHU_Ag_90044	EGQALIALDR	AGAP005425-PA	-	51	7.30E-05	2	1085.599	3.94	Salivary gland	2L:-:15389345-15389316	exon=> In CDS Exon 4 of transcript AGAP005425-PA
JHU_Ag_90919	ALGAELPASSTYSGALSYHYPQQPTRR	AGAP005425-PA	-	74	4.66E-07	1	2921.467	4.33	Head	2L:-:15383932-15383852	exon=> In CDS Exon 11 of transcript AGAP005425-PA
JHU_Ag_91241	NLDHQKPFYEDEFDR	AGAP005425-PA	-	87	1.99E-08	1	1952.878	0.23	Salivary gland	2L:-:15387189-15387145	exon=> In CDS Exon 8 of transcript AGAP005425-PA

JHU_Ag_92927	IYTYSYLTEEPGYLR	AGAP005425-PA	-	72	9.23E-07	2	1867.912	0.47	Ovary	2L:-:15387953-15387909	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_95545	TPSASKEPMYR	AGAP005425-PA	-	48	0.000248521	1	1266.617	1.77	Malpighian tubule	2L:-:15387261-15387229	exon=> In CDS Exon 8 of transcript AGAP005425-PA
JHU_Ag_96509	ALGAELPASSTYSGALSYHYPQQPTRR	AGAP005425-PA	-	62	7.80E-06	1	2921.456	0.54	Ovary	2L:-:15383932-15383852	exon=> In CDS Exon 11 of transcript AGAP005425-PA
JHU_Ag_96661	IYPYHLLLITNYR	AGAP005425-PA	-	42	0.00033125	2	1678.930	-0.87	Head	2L:-:15383803-15383765	exon=> In CDS Exon 11 of transcript AGAP005425-PA
JHU_Ag_97815	SPGMNNEEPIELSHYPAAK	AGAP005425-PA	M4(Oxidation)	135	3.94E-13	1	2099.973	1.3	Salivary gland	2L:-:15387707-15387651	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_104771	AIGNATSYNAIHSYR	AGAP005425-PA	-	70	1.86E-06	2	1637.802	-0.41	Ovary	2L:-:15387114-15387400,15386239-15386311	exon=> In CDS Exon 9 and 8 of transcript AGAP005425-PA
JHU_Ag_107088	AATLQHHQETVK	AGAP005425-PA	-	57	2.87E-05	1	1362.712	-0.64	Salivary gland	2L:-:15389459-15389424	exon=> In CDS Exon 4 of transcript AGAP005425-PA
JHU_Ag_108216	ALGAELPASSTYSGALSYHYPQQPTR	AGAP005425-PA	-	75	4.38E-07	1	2765.360	2.67	Salivary gland	2L:-:15383932-15383855	exon=> In CDS Exon 11 of transcript AGAP005425-PA
JHU_Ag_108577	AIGNATSYNAIHSYR	AGAP005425-PA	-	45	0.000640438	1	1637.801	-1.42	Salivary gland	2L:-:15387114-15387400,15386239-15386311	exon=> In CDS Exon 9 and 8 of transcript AGAP005425-PA
JHU_Ag_110188	AATLQHHQETVKK	AGAP005425-PA	-	52	7.30E-05	1	1490.802	-3.46	Male reproductive organs	2L:-:15389459-15389421	exon=> In CDS Exon 4 of transcript AGAP005425-PA
JHU_Ag_111352	DDFPAPPYPYTDPER	AGAP005425-PA	-	66	2.42E-06	1	1779.792	3.33	Head	2L:-:15387614-15387570	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_114362	VLQAGDNHHFHPTCAR	AGAP005425-PA	C14(Carbamidomethyl)	76	3.79E-07	1	1859.873	0.45	Malpighian tubule	2L:-:15389067-15389020	exon=> In CDS Exon 5 of transcript AGAP005425-PA
JHU_Ag_116637	TTSPGLILR	AGAP005425-PA	-	45	0.000333661	2	957.573	0.7	Salivary gland	2L:-:15388016-15387990	exon=> In CDS Exon 7 of transcript AGAP005425-PA
JHU_Ag_5071	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	100	7.93E-10	1	1337.733	0.62	Midgut	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_5643	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	89	1.13E-08	1	1337.734	1.07	Visceras	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_6667	TITITPAEKK	AGAP005427-PA	-	48	0.000110296	1	1101.653	1.3	Malpighian tubule	2L:+:15421770-15421799	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_6975	YSGLVHHK	AGAP005427-PA	-	40	0.000830778	1	940.501	0.76	Salivary gland	2L:+:15421746-15421769	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_7811	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	156	2.32E-15	2	1722.914	0.24	Pupa	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_12345	YSGLVHHK	AGAP005427-PA	-	49	0.000110277	2	940.501	0.96	Malpighian tubule	2L:+:15421746-15421769	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_12998	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	171	6.87E-17	1	1722.914	0.45	Ovary	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_13571	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	129	1.68E-12	1	1894.972	3.11	Malpighian tubule	2L:+:15421327-15421341,15421710-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_13841	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	165	2.81E-16	1	1722.918	2.65	Malpighian tubule	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_14523	GVNFVYNR	AGAP005427-PA	-	50	9.63E-05	2	968.497	2	Malpighian tubule	2L:+:15421800-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_20848	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	115	4.83E-11	1	1894.967	0.47	Pupa	2L:+:15421327-15421341,15421710-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_24129	DHNAFLLK	AGAP005427-PA	-	54	4.86E-05	1	957.513	-2.57	Head	2L:+:15421288-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_25201	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	153	4.22E-15	1	1722.921	4.28	Head	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA

JHU_Ag_28911	GVNFVYNR	AGAP005427-PA	-	44	0.000406278	2	968.495	0.05	Visceras	2L:+:15421800-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_29318	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	117	2.63E-11	1	1894.966	0.21	Salivary gland	2L:+:15421327-15421341,15421710-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_31673	TITITPAEK	AGAP005427-PA	-	35	0.004557857	1	973.557	0.04	Pupa	2L:+:15421770-15421796	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_33604	DHNAFLLK	AGAP005427-PA	-	64	3.73E-06	1	957.516	0.41	Salivary gland	2L:+:15421288-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_34188	TITITPAEK	AGAP005427-PA	-	38	0.001741334	1	973.561	4.61	Midgut	2L:+:15421770-15421796	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_35870	KGVNFVYNR	AGAP005427-PA	-	53	4.58E-05	1	1096.591	1.16	Malpighian tubule	2L:+:15421797-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_36776	TITITPAEKK	AGAP005427-PA	-	48	0.000111317	1	1101.652	0.74	Pupa	2L:+:15421770-15421799	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_38850	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	70	1.02E-06	1	1337.735	1.8	Male reproductive organs	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_39881	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	93	4.05E-09	1	1337.734	0.89	Salivary gland	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_40739	KGVNFVYNR	AGAP005427-PA	-	64	3.98E-06	2	1096.591	1.05	Salivary gland	2L:+:15421797-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_41009	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl), N6(Deamidated)	85	3.34E-08	1	1338.719	1.8	Midgut	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_43472	ASSHLNWLIVRDHNAFLLK	AGAP005427-PA	N-Term(Acetyl)	120	4.41E-12	1	2276.240	4.3	Malpighian tubule	2L:+:15421255-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_43632	AGAAPAAATAAAAGTAAAAAPKK	AGAP005427-PA	-	52	2.77E-05	1	1851.034	13.74	Ovary	2L:+:15422252-15422320	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_45936	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	176	2.69E-17	2	1722.915	1.09	Visceras	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_49501	DHNAFLLK	AGAP005427-PA	-	49	0.000100342	1	957.515	-0.09	Pupa	2L:+:15421288-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_50721	TITITPAEK	AGAP005427-PA	-	45	0.000528154	1	973.556	-0.34	Malpighian tubule	2L:+:15421770-15421796	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_51828	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	115	4.92E-11	1	1894.974	4.27	Larva	2L:+:15421327-15421341,15421710-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_52190	VTLKEGPR	AGAP005427-PA	-	51	6.71E-05	2	899.531	0.6	Malpighian tubule	2L:+:15422099-15422122	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_52664	KGVNFVYNR	AGAP005427-PA	-	53	5.15E-05	1	1096.590	-0.07	Midgut	2L:+:15421797-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_52845	KGVNFVYNR	AGAP005427-PA	-	57	2.02E-05	2	1096.589	-0.84	Visceras	2L:+:15421797-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_56679	DHNAFLLK	AGAP005427-PA	-	64	3.67E-06	1	957.516	1.11	Ovary	2L:+:15421288-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_57597	DHNAFLLK	AGAP005427-PA	-	37	0.00192523	1	957.515	0.03	Visceras	2L:+:15421288-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_59967	YSGLVHHK	AGAP005427-PA	-	53	4.49E-05	1	940.496	-4.04	Head	2L:+:15421746-15421769	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_61096	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	88	1.46E-08	1	1337.734	1.35	Ovary	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_63959	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	94	4.01E-09	1	1337.736	2.63	Pupa	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_64017	KGVNFVYNR	AGAP005427-PA	-	53	4.71E-05	1	1096.592	1.6	Larva	2L:+:15421797-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_65308	YSGLVHHK	AGAP005427-PA	-	55	2.15E-05	2	940.500	-0.41	Midgut	2L:+:15421746-15421769	exon=> In CDS Exon 2 of transcript AGAP005427-PA

JHU_Ag_66153	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	102	8.84E-10	1	1894.965	-0.69	Midgut	2L:+:15421327-15421341,154217 10-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_68606	GVNFVYNR	AGAP005427-PA	-	46	0.000234 966	2	968.495	-0.14	Head	2L:+:15421800-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_71487	VLNKPAKAPVK	AGAP005427-PA	-	24	0.001367 943	1	1164.746	-0.13	Midgut	2L:+:15421830-15421835,154220 72-15422098	exon=> In CDS Exon 2 and 3 of transcript AGAP005427-PA
JHU_Ag_72267	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	143	6.56E-14	1	1894.967	0.73	Ovary	2L:+:15421327-15421341,154217 10-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_76006	DHNAFLLK	AGAP005427-PA	-	58	1.38E-05	1	957.517	2.07	Malpighian tubule	2L:+:15421288-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_78474	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	180	9.30E-18	1	1722.915	0.67	Salivary gland	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_81942	DHNAFLLK	AGAP005427-PA	-	58	1.51E-05	1	957.515	-0.21	Midgut	2L:+:15421288-15421311	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_82200	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	89	9.38E-09	1	1337.739	4.63	Larva	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_83515	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	124	5.28E-12	1	1894.966	0.21	Head	2L:+:15421327-15421341,154217 10-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_84977	GVNFVYNR	AGAP005427-PA	-	51	6.98E-05	2	968.494	-0.64	Midgut	2L:+:15421800-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_86011	YSGLVHHK	AGAP005427-PA	-	44	0.000279 448	1	940.500	-0.02	Ovary	2L:+:15421746-15421769	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_86933	DIRKPFSTEPGNLTNLSSFR	AGAP005427-PA	-	82	6.99E-08	1	2279.187	3.79	Malpighian tubule	2L:+:15421318-15421341,154217 10-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_87414	VLNKPAKAPVK	AGAP005427-PA	-	46	7.94E-06	1	1164.746	-0.44	Malpighian tubule	2L:+:15421830-15421835,154220 72-15422098	exon=> In CDS Exon 2 and 3 of transcript AGAP005427-PA
JHU_Ag_90191	GKAGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	123	3.34E-12	1	1908.035	2.46	Malpighian tubule	2L:+:15422246-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_94439	KGVNFVYNR	AGAP005427-PA	-	46	0.000265 361	2	1096.589	-0.62	Pupa	2L:+:15421797-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_94680	TITITPAEK	AGAP005427-PA	-	33	0.005174 934	1	973.558	1.79	Larva	2L:+:15421770-15421796	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_95997	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	162	5.90E-16	2	1722.912	-0.89	Midgut	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_96027	KGVNFVYNR	AGAP005427-PA	-	57	2.02E-05	2	1096.590	0.16	Ovary	2L:+:15421797-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_99609	RASAILR	AGAP005427-PA	-	29	0.002271 29	2	786.496	1.32	Salivary gland	2L:+:15422198-15422218	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_100863	GVNFVYNR	AGAP005427-PA	-	32	0.005869 961	2	968.497	2.63	Larva	2L:+:15421800-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_100941	KPFSTEPGNLTNLSSFRYSGLVHHK	AGAP005427-PA	-	58	1.46E-05	1	2816.458	3.46	Malpighian tubule	2L:+:15421327-15421341,154217 10-15421769	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_101915	GVNFVYNR	AGAP005427-PA	-	46	0.000250 401	2	968.495	0.3	Pupa	2L:+:15421800-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_102953	AGAAPAAATAAAAGTAAAAAPK	AGAP005427-PA	-	101	7.97E-10	2	1722.914	0.52	Male reproductive organs	2L:+:15422252-15422317	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_107672	TITITPAEK	AGAP005427-PA	-	42	0.001078 352	1	973.556	-0.46	Head	2L:+:15421770-15421796	exon=> In CDS Exon 2 of transcript AGAP005427-PA

JHU_Ag_108556	KPFSTEPGNLTNLSSFR	AGAP005427-PA	-	114	6.05E-11	1	1894.970	2.15	Visceras	2L:+:15421327-15421341,154217 10-15421745	exon=> In CDS Exon 1 and 2 of transcript AGAP005427-PA
JHU_Ag_109602	APVKVTLK	AGAP005427-PA	-	53	7.77E-06	1	855.567	0.8	Malpighian tubule	2L:+:15422087-15422110	exon=> In CDS Exon 3 of transcript AGAP005427-PA
JHU_Ag_110386	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	89	1.10E-08	1	1337.733	0.62	Head	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_111597	ASSHLNWLIVR	AGAP005427-PA	N-Term(Acetyl)	85	2.46E-08	1	1337.738	3.9	Malpighian tubule	2L:+:15421255-15421287	exon=> In CDS Exon 1 of transcript AGAP005427-PA
JHU_Ag_112948	TITITPAEKK	AGAP005427-PA	-	40	0.000695565	1	1101.650	-1.25	Visceras	2L:+:15421770-15421799	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_114946	GVNFVYNRK	AGAP005427-PA	-	36	0.002863105	1	1096.589	-0.84	Malpighian tubule	2L:+:15421800-15421826	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_115084	GVNFVYNR	AGAP005427-PA	-	48	0.000142891	1	968.494	-0.52	Ovary	2L:+:15421800-15421823	exon=> In CDS Exon 2 of transcript AGAP005427-PA
JHU_Ag_31871	AFEAIPKDLR	AGAP005428-PA	N-Term(Acetyl)	47	0.000303092	1	1201.659	1.54	Malpighian tubule	2L:-:15423700-15423671	exon=> In CDS Exon 1 of transcript AGAP005428-PA
JHU_Ag_4092	HFDVDTVPAALVYK	AGAP005431-PA	-	85	5.20E-08	1	1574.827	3.69	Head	2L:+:15427425-15427466	exon=> In CDS Exon 3 of transcript AGAP005431-PA
JHU_Ag_4977	SNNPIFFTYVGK	AGAP005431-PA	-	38	0.002441892	2	1386.706	0.86	Head	2L:+:15427293-15427328	exon=> In CDS Exon 3 of transcript AGAP005431-PA
JHU_Ag_45873	FQFGWVGTPELAR	AGAP005431-PA	-	54	7.10E-05	2	1507.772	1.8	Head	2L:+:15427746-15427784	exon=> In CDS Exon 3 of transcript AGAP005431-PA
JHU_Ag_109956	LSEIAAHEQEFR	AGAP005431-PA	-	61	1.00E-05	1	1429.710	2.22	Head	2L:+:15427659-15427694	exon=> In CDS Exon 3 of transcript AGAP005431-PA
JHU_Ag_11808	LLESLNQQMPR	AGAP005432-PA	M9(Oxidation)	50	0.000179287	1	1344.693	-1.04	Ovary	2L:-:15428924-15428892	exon=> In CDS Exon 2 of transcript AGAP005432-PA
JHU_Ag_76214	LLESLNQQMPR	AGAP005432-PA	-	39	0.001741509	2	1328.700	1	Head	2L:-:15428924-15428892	exon=> In CDS Exon 2 of transcript AGAP005432-PA
JHU_Ag_95396	ALVLLK	AGAP005433-PA	-	21	0.007874854	1	656.472	1.8	Midgut	2L:+:15456348-15456365	exon=> In CDS Exon 3 of transcript AGAP005433-PA
JHU_Ag_32644	LFPDLQTRPFYITGESYAGK	AGAP005434-PA	-	80	1.35E-07	1	2303.174	1.41	Pupa	2L:-:15454160-15454101	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_45835	YVPALGYTIHQK	AGAP005434-PA	-	51	7.58E-05	2	1389.752	-0.39	Midgut	2L:-:15454100-15454065	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_59088	ALHVGDQPFHDLDEANLVER	AGAP005434-PA	-	104	6.90E-10	1	2275.111	0.34	Head	2L:-:15453701-15453642	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_63568	FEQDEQAVAACIAK	AGAP005434-PA	C11(Carbamidomethyl)	52	0.000106056	2	1579.743	0.28	Midgut	2L:-:15453926-15453885	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_73039	ALHVGDQPFHDLDEANLVER	AGAP005434-PA	-	123	8.27E-12	1	2275.121	4.92	Midgut	2L:-:15453701-15453642	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_77339	YVPALGYTIHQK	AGAP005434-PA	-	62	6.57E-06	1	1389.752	-0.56	Pupa	2L:-:15454100-15454065	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_78244	LAFGLVEVLVR	AGAP005434-PA	-	88	3.25E-09	2	1215.748	1.99	Pupa	2L:-:15453422-15453390	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_83474	FEQDEQAVAACIAK	AGAP005434-PA	C11(Carbamidomethyl)	109	1.72E-10	2	1579.742	0.2	Pupa	2L:-:15453926-15453885	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_99619	FEQDEQAVAACIAK	AGAP005434-PA	C11(Carbamidomethyl)	44	0.000653938	2	1579.743	0.28	Salivary gland	2L:-:15453926-15453885	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_107857	NQVQIGEELYSAVVQFLK	AGAP005434-PA	-	97	1.72E-09	1	2065.101	2.34	Ovary	2L:-:15454214-15454161	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_111788	NQVQIGEELYSAVVQFLK	AGAP005434-PA	-	54	3.29E-05	3	2065.103	3.14	Pupa	2L:-:15454214-15454161	exon=> In CDS Exon 1 of transcript AGAP005434-PA
JHU_Ag_116924	NQVQIGEELYSAVVQFLK	AGAP005434-PA	-	106	2.79E-10	1	2065.092	-2	Midgut	2L:-:15454214-15454161	exon=> In CDS Exon 1 of transcript AGAP005434-PA

JHU_Ag_27039	LLDPELASIGPR	AGAP005438-PA	-	47	0.000116641	2	1280.721	0.03	Ovary	2L:+:15471059-15471094	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_42759	EHYFAFVTNLSTILHTGQEPAK	AGAP005438-PA	-	98	1.92E-09	1	2503.275	5.22	Ovary	2L:+:15470417-15470482	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_45293	VVPIDYTAGETGTSSR	AGAP005438-PA	-	82	1.14E-07	2	1652.820	4.13	Malpighian tubule	2L:+:15469805-15469852	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_53593	GGGGGGFGR	AGAP005438-PA	-	40	0.001146606	2	721.336	-2.34	Malpighian tubule	2L:+:15472881-15472907	exon=> In CDS Exon 4 of transcript AGAP005438-PA
JHU_Ag_60963	LLLTALVNK	AGAP005438-PA	-	59	1.01E-06	2	984.648	2.8	Ovary	2L:+:15470540-15470566	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_63150	IVFDDEGEQRVVPIDYTAGETGTSSR	AGAP005438-PA	-	44	0.00061213	3	2841.363	3.37	Malpighian tubule	2L:+:15469775-15469852	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_77729	LLLTALVNK	AGAP005438-PA	-	58	1.94E-06	2	984.645	-0.42	Midgut	2L:+:15470540-15470566	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_104394	LLLTALVNK	AGAP005438-PA	-	54	5.00E-06	2	984.643	-1.91	Salivary gland	2L:+:15470540-15470566	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_113573	VVPIDYTAGETGTSSR	AGAP005438-PA	-	84	7.44E-08	1	1652.815	1.11	Ovary	2L:+:15469805-15469852	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_114313	ITNVFFYILHR	AGAP005438-PA	-	88	1.02E-08	1	1422.796	4.42	Ovary	2L:+:15471095-15471127	exon=> In CDS Exon 1 of transcript AGAP005438-PA
JHU_Ag_109337	QQQLLNK	AGAP005440-PA	N6(Deamidated)	36	0.004202571	1	872.495	13.21	Visceras	2L:-:15481404-15481384	exon=> In CDS Exon 2 of transcript AGAP005440-PA
JHU_Ag_2012	LSPITYPQGLAMAK	AGAP005445-PA	M12(Oxidation)	44	0.000539097	1	1505.803	-0.34	Salivary gland	2L:-:15542232-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_3113	LSPITYPQGLAMAK	AGAP005445-PA	-	36	0.002840324	1	1489.807	-0.89	Head	2L:-:15542232-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_21869	TVFDEAIR	AGAP005445-PA	-	38	0.00242047	2	950.494	0.09	Midgut	2L:-:15542133-15542110	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_28438	KLSPITYPQGLAMAK	AGAP005445-PA	M13(Oxidation)	57	1.45E-05	2	1633.899	0.66	Male reproductive organs	2L:-:15542235-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_30240	HHCPNIPIILVGTK	AGAP005445-PA	C3(Carbamidomethyl)	41	0.000705481	1	1598.884	0.17	Visceras	2L:-:15542325-15542284	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_37846	YLECSALTQK	AGAP005445-PA	C4(Carbamidomethyl)	39	0.001315798	2	1212.586	-5.53	Midgut	2L:-:15542172-15542143	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_39416	KLSPITYPQGLAMAK	AGAP005445-PA	M13(Oxidation)	72	4.93E-07	1	1633.898	-0.46	Midgut	2L:-:15542235-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_44167	AKWYPEVR	AGAP005445-PA	-	41	0.001504179	1	1048.557	-0.64	Male reproductive organs	2L:-:15542349-15542326	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_46124	AKWYPEVR	AGAP005445-PA	-	41	0.001383963	1	1048.558	0.76	Malpighian tubule	2L:-:15542349-15542326	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_51129	TVFDEAIR	AGAP005445-PA	-	43	0.000841201	2	950.494	-0.03	Visceras	2L:-:15542133-15542110	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_53186	LSPITYPQGLAMAK	AGAP005445-PA	M12(Oxidation)	79	1.38E-07	1	1489.814	4.03	Malpighian tubule	2L:-:15542232-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_54609	HHCPNIPIILVGTK	AGAP005445-PA	C3(Carbamidomethyl)	42	0.000493886	1	1598.885	1.09	Malpighian tubule	2L:-:15542325-15542284	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_60593	HHCPNIPIILVGTK	AGAP005445-PA	C3(Carbamidomethyl)	95	2.25E-09	1	1598.887	1.82	Head	2L:-:15542325-15542284	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_64478	TVFDEAIR	AGAP005445-PA	-	38	0.002561232	1	950.492	-1.82	Head	2L:-:15542133-15542110	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_68425	YLECSALTQK	AGAP005445-PA	C4(Carbamidomethyl)	69	1.34E-06	1	1212.591	-1.2	Male reproductive organs	2L:-:15542172-15542143	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_76971	KLSPITYPQGLAMAK	AGAP005445-PA	M13(Oxidation)	65	2.60E-06	1	1633.899	0.36	Malpighian tubule	2L:-:15542235-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_85032	LSPITYPQGLAMAK	AGAP005445-PA	M12(Oxidation)	74	4.77E-07	1	1505.802	-0.58	Midgut	2L:-:15542232-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA

JHU_Ag_89255	LSPITYPQGLAMAK	AGAP005445-PA	M12(Oxidation)	39	0.001317968	1	1505.805	1.2	Visceras	2L:-:15542232-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_94129	LSPITYPQGLAMAK	AGAP005445-PA	M12(Oxidation)	78	2.02E-07	1	1505.800	-2.04	Ovary	2L:-:15542232-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_96631	TVFDEAIR	AGAP005445-PA	-	41	0.001460441	1	950.494	-0.48	Male reproductive organs	2L:-:15542133-15542110	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_100278	HHCPNIPIILVGTK	AGAP005445-PA	C3(Carbamidomethyl)	43	0.000455496	1	1598.883	-0.63	Male reproductive organs	2L:-:15542325-15542284	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_102404	YLECSALTQK	AGAP005445-PA	C4(Carbamidomethyl)	75	3.62E-07	1	1212.594	0.61	Malpighian tubule	2L:-:15542172-15542143	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_105648	LSPITYPQGLAMAK	AGAP005445-PA	M12(Oxidation)	54	5.11E-05	2	1505.804	0.31	Male reproductive organs	2L:-:15542232-15542191	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_106154	HHCPNIPIILVGTK	AGAP005445-PA	C3(Carbamidomethyl)	60	7.13E-06	1	1598.890	4.19	Ovary	2L:-:15542325-15542284	exon=> In CDS Exon 1 of transcript AGAP005445-PA
JHU_Ag_47788	VGTAAVSLAHVGPCANGSVIR	AGAP005450-PA	C14(Carbamidomethyl), N16(Deamidated)	75	3.76E-07	1	2037.055	0.1	Pupa	2L:-:15642548-15642486	exon=> In CDS Exon 1 of transcript AGAP005450-PA
JHU_Ag_51004	TLEQIR	AGAP005453-PA,AGAP005456-PA	-	47	0.000461197	2	759.437	0.72	Visceras	2L:-:15724358-15724341;2L:+:15759536-15759553	exon=> In CDS Exon 1 of transcript AGAP005453-PA;exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_82811	TLEQIR	AGAP005453-PA,AGAP005456-PA	-	45	0.000662654	2	759.435	-1.85	Head	2L:-:15724358-15724341;2L:+:15759536-15759553	exon=> In CDS Exon 1 of transcript AGAP005453-PA;exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_30444	DDPNFSMDALNAAIAR	AGAP005456-PA	M7(Oxidation)	97	3.05E-09	1	1736.796	2.89	Pupa	2L:+:15759569-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_40581	DDPNFSMDALNAAIAR	AGAP005456-PA	N4(Deamidated),"N4(Deamidated), M7(Oxidation)","M7(Oxidation), N11(Deamidated)",N11(Deamidated),M7(Oxidation)	165	4.72E-16	1	1736.796	3.1	Head	2L:+:15759569-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_41359	DDPNFSMDALNAAIAR	AGAP005456-PA	M7(Oxidation)	108	2.39E-10	2	1736.792	0.5	Malpighian tubule	2L:+:15759569-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_43336	ANPPRDDPNFSMDALNAAIAR	AGAP005456-PA	M12(Oxidation)	118	3.09E-11	1	2272.087	4.07	Midgut	2L:+:15759554-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_46009	ANPPRDDPNFSMDALNAAIAR	AGAP005456-PA	M12(Oxidation)	132	1.14E-12	1	2272.090	5.28	Visceras	2L:+:15759554-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_59858	ANPPRDDPNFSMDALNAAIAR	AGAP005456-PA	M12(Oxidation)	148	2.70E-14	1	2272.086	3.75	Malpighian tubule	2L:+:15759554-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_67304	DDPNFSMDALNAAIAR	AGAP005456-PA	M7(Oxidation)	96	4.08E-09	2	1736.797	3.66	Visceras	2L:+:15759569-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_75777	YETSNGLAAQESGVGGQSAQGSYSYTGDDGVQYQVSYVADENGFQPQGAHLPVDGPAPDHVLK	AGAP005456-PA	-	96	7.70E-10	1	6512.995	3.36	Head	2L:+:15759347-15759535	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_87201	ANPPRDDPNFSMDALNAAIAR	AGAP005456-PA	N9(Deamidated), M12(Oxidation),"N2(Deamidated), M12(Oxidation)",M12(Oxidation),"M12(Oxidation), N16(Deamidated)"	149	2.42E-14	1	2272.079	0.77	Head	2L:+:15759554-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_106447	ANPPRDDPNFSMDALNAAIAR	AGAP005456-PA	M12(Oxidation)	115	5.51E-11	1	2272.085	3.02	Ovary	2L:+:15759554-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_113470	ANPPRDDPNFSMDALNAAIAR	AGAP005456-PA	M12(Oxidation)	135	5.95E-13	1	2272.082	2.14	Pupa	2L:+:15759554-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA

JHU_Ag_117523	DDPNFSMDALNAAIAR	AGAP005456-PA	M7(Oxidation)	96	4.00E-09	2	1736.788	-1.47	Midgut	2L:+:15759569-15759616	exon=> In CDS Exon 2 of transcript AGAP005456-PA
JHU_Ag_244	DDPNFNIQALEAEIAR	AGAP005459-PA	-	121	1.20E-11	2	1815.883	-2.56	Midgut	2L:+:15801272-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_5868	ANPPKDDPNFNIQALEAEIAR	AGAP005459-PA	-	112	8.28E-11	1	2323.166	-0.65	Midgut	2L:+:15801257-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_8066	EGPVPAHVLK	AGAP005459-PA	-	59	1.09E-05	1	1046.600	0.63	Head	2L:+:15801209-15801238	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_11596	DDPNFNIQALEAEIAR	AGAP005459-PA	Q8(Deamidated)	132	9.30E-13	1	1815.899	6.52	Malpighian tubule	2L:+:15801272-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_13501	AQEQGVGGQSAQGSASWTDR	AGAP005459-PA	-	74	5.37E-07	2	2019.910	-0.62	Malpighian tubule	2L:+:15801074-15801133	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_33636	AQEQGVGGQSAQGSASWTDR	AGAP005459-PA	-	155	4.43E-15	1	2019.911	-0.44	Midgut	2L:+:15801074-15801133	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_37937	DGTPISLTYVADENGYQPQGDHLPR	AGAP005459-PA	-	76	3.72E-07	1	2743.306	3.83	Visceras	2L:+:15801134-15801208	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_45707	AQEQGVGGQSAQGSASWTDRDGTPISLTYVADENGYQPQGDHLPR	AGAP005459-PA	Q4(Deamidated), Q9(Deamidated), Q12(Deamidated), N34(Deamidated),"Q2(Deamidated), N34(Deamidated), Q37(Deamidated), Q39(Deamidated)"	152	4.67E-15	1	4744.191	0.3	Head	2L:+:15801074-15801208	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_52222	AQEQGVGGQSAQGSASWTDRDGTPISLTYVADENGYQPQGDHLPR	AGAP005459-PA	-	75	2.44E-07	1	4744.185	-0.94	Visceras	2L:+:15801074-15801208	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_54015	AQEQGVGGQSAQGSASWTDRDGTPISLTYVADENGYQPQGDHLPR	AGAP005459-PA	-	128	1.27E-12	1	4744.191	0.3	Malpighian tubule	2L:+:15801074-15801208	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_60110	AQEQGVGGQSAQGSASWTDR	AGAP005459-PA	Q9(Deamidated)	160	1.19E-15	1	2019.912	0.22	Head	2L:+:15801074-15801133	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_76138	LQALQ	AGAP005459-PA	-	31	0.003505434	1	572.340	-0.2	Ovary	2L:+:15801320-15801334	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_79926	ANPPKDDPNFNIQALEAEIAR	AGAP005459-PA	-	118	1.97E-11	1	2323.176	3.31	Visceras	2L:+:15801257-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_88950	DGTPISLTYVADENGYQPQGDHLPR	AGAP005459-PA	Q19(Deamidated),N14(Deamidated),Q17(Deamidated)	178	2.11E-17	1	2744.295	5.5	Head	2L:+:15801134-15801208	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_89518	ANPPKDDPNFNIQALEAEIAR	AGAP005459-PA	-	120	1.20E-11	1	2323.178	4.26	Malpighian tubule	2L:+:15801257-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_91876	ANPPKDDPNFNIQALEAEIAR	AGAP005459-PA	-	113	7.67E-11	1	2323.174	2.44	Head	2L:+:15801257-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_106353	DGTPISLTYVADENGYQPQGDHLPR	AGAP005459-PA	N14(Deamidated)	137	2.72E-13	1	2743.289	-2.57	Midgut	2L:+:15801134-15801208	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_111007	ANPPKDDPNFNIQALEAEIAR	AGAP005459-PA	-	66	3.41E-06	1	2323.174	2.68	Ovary	2L:+:15801257-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_111672	DDPNFNIQALEAEIAR	AGAP005459-PA	N4(Deamidated),N6(Deamidated),Q8(Deamidated)	154	5.38E-15	1	1815.891	2.15	Head	2L:+:15801272-15801319	exon=> In CDS Exon 2 of transcript AGAP005459-PA
JHU_Ag_543	TLEFIR	AGAP005459-PA,AGAP005615-PA	-	40	0.000774743	2	778.447	1.08	Visceras	2L:+:15801239-15801256;2L:+:17875024-17875041	exon=> In CDS Exon 2 of transcript AGAP005459-PA;exon=> In CDS Exon 3 of transcript AGAP005615-PA
JHU_Ag_23226	TLEFIR	AGAP005459-PA,AGAP005615-PA	-	29	0.007331419	1	778.445	-0.88	Midgut	2L:+:15801239-15801256;2L:+:17875024-17875041	exon=> In CDS Exon 2 of transcript AGAP005459-PA;exon=> In CDS Exon 3 of transcript AGAP005615-PA

JHU_Ag_41025	TLEFIR	AGAP005459-PA,AGAP005615-PA	-	44	0.000230775	2	778.445	-0.96	Head	2L:+:15801239-15801256;2L:+:17875024-17875041	exon=> In CDS Exon 2 of transcript AGAP005459-PA;exon=> In CDS Exon 3 of transcript AGAP005615-PA
JHU_Ag_67496	TLEFIR	AGAP005459-PA,AGAP005615-PA	-	38	0.001360805	1	778.448	2.57	Malpighian tubule	2L:+:15801239-15801256;2L:+:17875024-17875041	exon=> In CDS Exon 2 of transcript AGAP005459-PA;exon=> In CDS Exon 3 of transcript AGAP005615-PA
JHU_Ag_242	VLLTQAVLLATER	AGAP005460-PA	-	96	4.00E-10	2	1426.865	1.44	Midgut	2L:+:15808718-15808756	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_14729	EFLEDVDPFLR	AGAP005460-PA	-	62	9.27E-06	1	1379.681	-2.64	Ovary	2L:+:15808850-15808882	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_29366	VLLTQAVLLATER	AGAP005460-PA	-	30	0.001776024	2	1426.866	2.12	Pupa	2L:+:15808718-15808756	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_31653	VLLTQAVLLATER	AGAP005460-PA	-	83	8.25E-09	2	1426.868	3.92	Malpighian tubule	2L:+:15808718-15808756	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_46423	VLLTQAVLLATER	AGAP005460-PA	-	96	3.88E-10	2	1426.870	4.78	Head	2L:+:15808718-15808756	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_50135	EFLEDVDPFLR	AGAP005460-PA	-	55	5.18E-05	2	1379.687	2.32	Head	2L:+:15808850-15808882	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_77104	ALGAIVFADR	AGAP005460-PA	-	54	3.16E-05	2	1032.585	1.6	Male reproductive organs	2L:+:15809443-15809472	exon=> In CDS Exon 2 of transcript AGAP005460-PA
JHU_Ag_95642	ALGAIVFADR	AGAP005460-PA	-	59	1.05E-05	2	1032.585	0.89	Ovary	2L:+:15809443-15809472	exon=> In CDS Exon 2 of transcript AGAP005460-PA
JHU_Ag_96352	VLLTQAVLLATER	AGAP005460-PA	-	80	1.75E-08	2	1426.864	0.58	Visceras	2L:+:15808718-15808756	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_102122	LHELILPAAHR	AGAP005460-PA	-	64	1.71E-06	1	1269.740	-2.27	Head	2L:+:15808802-15808834	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_114082	VLLTQAVLLATER	AGAP005460-PA	-	111	1.17E-11	2	1426.867	2.89	Ovary	2L:+:15808718-15808756	exon=> In CDS Exon 1 of transcript AGAP005460-PA
JHU_Ag_31117	SENVSYTNVHR	AGAP005461-PA	N-Term(Acetyl)	58	2.32E-05	1	1347.630	0.66	Male reproductive organs	2L:-:15810880-15810848	exon=> In CDS Exon 1 of transcript AGAP005461-PA
JHU_Ag_2775	NIAPLFEQLPTK	AGAP005462-PA	-	58	1.74E-05	2	1370.770	1.41	Head	2L:+:15814963-15814998	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_3242	AINDEGHFQAELSAAGGK	AGAP005462-PA	-	110	1.48E-10	1	1814.872	3.1	Malpighian tubule	2L:+:15814864-15814917	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_4156	AINDEGHFQAELSAAGGK	AGAP005462-PA	-	58	2.02E-05	1	1814.868	0.4	Ovary	2L:+:15814864-15814917	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_8069	APPTHGPK	AGAP005462-PA	-	37	0.004241487	2	804.437	0.56	Head	2L:+:15815534-15815557	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_8785	FQNVQNIQLFVK	AGAP005462-PA	-	68	8.83E-07	1	1477.821	3.45	Visceras	2L:+:15815693-15815728	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_18492	FQNVQNIQLFVK	AGAP005462-PA	-	60	5.73E-06	1	1477.818	1.47	Pupa	2L:+:15815693-15815728	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_26819	FQNVQNIQLFVK	AGAP005462-PA	-	74	2.37E-07	1	1477.817	0.56	Head	2L:+:15815693-15815728	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_26952	NIAPLFEQLPTK	AGAP005462-PA	-	60	8.65E-06	2	1370.768	0.25	Male reproductive organs	2L:+:15814963-15814998	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_32102	FQNVQNIQLFVK	AGAP005462-PA	-	73	2.88E-07	1	1477.818	1.06	Ovary	2L:+:15815693-15815728	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_36243	MDDFQR	AGAP005462-PA	M1(Oxidation)	36	0.000497934	2	827.338	2.77	Malpighian tubule	2L:+:15815804-15815821	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_37813	AINDEGHFQAELSAAGGK	AGAP005462-PA	-	99	1.54E-09	1	1814.867	0	Pupa	2L:+:15814864-15814917	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_47783	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	-	137	2.40E-13	1	2627.338	2.59	Pupa	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_47927	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	-	29	0.013969661	1	2627.332	0.43	Midgut	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA

JHU_Ag_48446	AINDEGHFQAELSAAGGK	AGAP005462-PA	-	95	4.30E-09	2	1814.862	-2.96	Midgut	2L:+:15814864-15814917	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_53647	FQNVQNIQLFVK	AGAP005462-PA	-	72	4.56E-07	2	1477.816	-0.01	Midgut	2L:+:15815693-15815728	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_62497	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	-	76	3.23E-07	1	2627.337	2.31	Visceras	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_63262	AINDEGHFQAELSAAGGK	AGAP005462-PA	-	138	1.99E-13	1	1814.868	0.68	Male reproductive organs	2L:+:15814864-15814917	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_65888	DLETGNPTK	AGAP005462-PA	-	51	0.000116058	1	974.478	-0.58	Male reproductive organs	2L:+:15815651-15815677	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_80282	NIAPLFEQLPTK	AGAP005462-PA	-	54	3.38E-05	2	1370.765	-2.15	Midgut	2L:+:15814963-15814998	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_87498	NIAPLFEQLPTK	AGAP005462-PA	-	60	8.92E-06	2	1370.769	0.79	Ovary	2L:+:15814963-15814998	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_90219	LQGADINGLEAK	AGAP005462-PA	-	69	1.44E-06	1	1228.654	0.78	Ovary	2L:+:15815188-15815223	exon=> In CDS Exon 2 of transcript AGAP005462-PA
JHU_Ag_91361	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	-	100	1.14E-09	1	2627.349	6.7	Salivary gland	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_92693	AINDEGHFQAELSAAGGK	AGAP005462-PA	-	47	0.000283879	1	1814.878	5.92	Salivary gland	2L:+:15814864-15814917	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_92838	NIAPLFEQLPTK	AGAP005462-PA	-	45	0.000274 43	2	1370.769	0.96	Pupa	2L:+:15814963-15814998	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_96671	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	-	145	3.13E-14	1	2627.344	4.89	Male reproductive organs	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_98615	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	-	173	5.51E-17	1	2627.329	-0.9	Ovary	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_99850	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	-	57	2.37E-05	1	2627.348	6.35	Malpighian tubule	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_102700	LQGADINGLEAK	AGAP005462-PA	-	51	8.41E-05	1	1228.653	-0.01	Male reproductive organs	2L:+:15815188-15815223	exon=> In CDS Exon 2 of transcript AGAP005462-PA
JHU_Ag_112986	DNQSGGETTIIDHLAFIGQPIATTK	AGAP005462-PA	Q19(Deamidated),N2(Deamidated),Q3(Deamidated)	173	6.04E-17	1	2627.332	0.36	Head	2L:+:15815729-15815803	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_113831	FQNVQNIQLFVK	AGAP005462-PA	-	72	3.12E-07	2	1477.824	5.19	Salivary gland	2L:+:15815693-15815728	exon=> In CDS Exon 3 of transcript AGAP005462-PA
JHU_Ag_114168	NIAPLFEQLPTKYPK	AGAP005462-PA	-	60	4.35E-06	1	1758.992	7.27	Salivary gland	2L:+:15814963-15815007	exon=> In CDS Exon 1 of transcript AGAP005462-PA
JHU_Ag_26124	LHSLK	AGAP005462-PA,AGAP010485-PA	-	35	0.000845162	1	597.371	-1.34	Head	2L:+:15815513-15815527;3L:-:4782953-4782939	exon=> In CDS Exon 3 of transcript AGAP005462-PA;exon=> In CDS Exon 1 of transcript AGAP010485-PA
JHU_Ag_60812	VRQLVR	AGAP005466-PB,AGAP005466-PA	-	23	0.016446294	2	770.499	-0.89	Midgut	2L:-:15949856-15949839;2L:-:15949856-15949839	exon=> In CDS Exon 6 of transcript AGAP005466-PB;exon=> In CDS Exon 4 of transcript AGAP005466-PA
JHU_Ag_344	VGSSVVTQVFIVASGER	AGAP005467-PA	-	95	2.70E-09	2	1734.939	0.4	Head	2L:+:15971636-15971686	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_391	NIDNIVEDEISVQPK	AGAP005467-PA	-	118	2.24E-11	2	1712.877	3.97	Salivary gland	2L:+:15973888-15973932	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_653	SFEVKLEVDPVYHQK	AGAP005467-PA	-	73	6.86E-07	1	1817.953	5.09	Malpighian tubule	2L:+:15974755-15974799	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_781	IDLPSESDTNELIVITGKK	AGAP005467-PA	-	47	0.000148488	1	2072.116	1.78	Salivary gland	2L:+:15973253-15973309	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_4775	VIFPNVNDQDNEAITIIGK	AGAP005467-PA	-	102	7.40E-10	1	2100.101	1.84	Head	2L:+:15973691-15973703,15973796-15973839	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA

JHU_Ag_5187	QDDPQNSIITIQGYEEK	AGAP005467-PA	-	59	2.22E-05	2	1977.950	5.27	Malpighian tubule	2L:+:15974872-15974922	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_5373	GPKEDVER	AGAP005467-PA	-	48	0.000117082	1	929.468	-0.33	Salivary gland	2L:+:15973520-15973543	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_5698	ETNAHIEISSGK	AGAP005467-PA	-	85	4.24E-08	1	1285.643	3.73	Larva	2L:+:15971750-15971785	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_6131	TDLLECPQWIHK	AGAP005467-PA	C6(Carbamidomethyl)	49	0.000181072	2	1539.773	6.75	Midgut	2L:+:15972518-15972553	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_7357	DEIIITGEK	AGAP005467-PA	-	53	0.000117869	2	1017.545	-1.21	Salivary gland	2L:+:15972218-15972244	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_7435	QGFVVSGAPWER	AGAP005467-PA	-	82	1.17E-07	2	1332.676	5.15	Malpighian tubule	2L:+:15975274-15975309	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_7776	IQNEMANIISEEVQIPAK	AGAP005467-PA	M5(Oxidation)	81	1.17E-07	1	2043.046	1.81	Malpighian tubule	2L:+:15973346-15973399	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_10346	ELMNTYDVHIEMSPQDK	AGAP005467-PA	M3(Oxidation), M12(Oxidation)	52	5.45E-05	1	2081.918	0.99	Salivary gland	2L:+:15974590-15974640	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_10382	ILVHFQTQASK	AGAP005467-PA	-	78	1.69E-07	1	1271.712	1	Head	2L:+:15971849-15971881	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_10956	IDLPSESDTNELIVITGKK	AGAP005467-PA	-	34	0.003224 71	1	2072.114	0.9	Head	2L:+:15973253-15973309	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_11037	IQNEMANIISEEVQIPAK	AGAP005467-PA	M5(Oxidation)	53	7.05E-05	2	2027.043	-2.27	Ovary	2L:+:15973346-15973399	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_11966	AEHEIR	AGAP005467-PA	-	39	0.001030 76	2	754.379	-7.6	Head	2L:+:15972044-15972061	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_12833	NIDNIVEDEISVQPK	AGAP005467-PA	-	96	3.08E-09	2	1712.884	8.17	Malpighian tubule	2L:+:15973888-15973932	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_13025	IDLPSESDTNELIVITGK	AGAP005467-PA	-	70	1.19E-06	1	1944.030	6.4	Larva	2L:+:15973253-15973306	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_14627	VQAITSEFGVNIRFPER	AGAP005467-PA	-	96	2.08E-09	1	1963.049	4.55	Malpighian tubule	2L:+:15974194-15974244	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_17535	LEVDPVYHQK	AGAP005467-PA	-	50	0.000116892	1	1227.641	3.77	Ovary	2L:+:15974770-15974799	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_17987	VGSSVVTQVFIVASGER	AGAP005467-PA	-	107	1.49E-10	2	1734.942	2.09	Male reproductive organs	2L:+:15971636-15971686	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_18252	EALLALVPLTEEINVPCDLHR	AGAP005467-PA	C17(Carbamidomethyl)	50	6.50E-05	1	2402.287	5.01	Salivary gland	2L:+:15974494-15974556	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_18410	ELSSYSVQIR	AGAP005467-PA	-	44	0.000534043	2	1181.619	2.29	Ovary	2L:+:15973580-15973609	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_20497	FGEGESLR	AGAP005467-PA	-	51	0.000104786	2	894.431	-0.4	Salivary gland	2L:+:15971705-15971728	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_20770	IDGPPEQVTIAAEELQK	AGAP005467-PA	-	60	1.15E-05	2	1837.957	1.26	Ovary	2L:+:15972644-15972694	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_21262	NSFVMEVPVFK	AGAP005467-PA	M5(Oxidation)	61	9.91E-06	2	1296.666	0.25	Ovary	2L:+:15973148-15973180	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_22574	ELSSYSVQIR	AGAP005467-PA	-	54	5.14E-05	2	1181.617	0.85	Malpighian tubule	2L:+:15973580-15973609	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_23901	IDLPSESDTNELIVITGKK	AGAP005467-PA	-	53	3.76E-05	1	2072.122	4.61	Malpighian tubule	2L:+:15973253-15973309	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_24238	ANHDVQITFPK	AGAP005467-PA	-	62	6.84E-06	1	1269.659	-0.12	Salivary gland	2L:+:15974839-15974871	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_24613	SFEVKLEVDPVYHQK	AGAP005467-PA	-	68	1.96E-06	1	1817.947	2.27	Salivary gland	2L:+:15974755-15974799	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_28343	INVPPQSVQKDEIIITGEK	AGAP005467-PA	-	72	2.46E-07	2	2108.165	2.25	Salivary gland	2L:+:15972188-15972244	exon=> In CDS Exon 1 of transcript AGAP005467-PA

JHU_Ag_28988	VIFPNVNDQDNEAITIIGK	AGAP005467-PA	-	98	1.83E-09	1	2100.102	2.19	Malpighian tubule	2L:+:15973691-15973703,15973796-15973839	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_31052	ISDESDAITITGTK	AGAP005467-PA	-	109	1.92E-10	1	1450.728	0.43	Salivary gland	2L:+:15971987-15972028	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_31204	EHVEEAKTELEAIIK	AGAP005467-PA	-	84	4.52E-08	1	1738.929	3.75	Salivary gland	2L:+:15973843-15973887	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_31758	IDLPSESDTNELIVITGK	AGAP005467-PA	-	110	1.31E-10	1	1944.018	0.56	Malpighian tubule	2L:+:15973253-15973306	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_31787	EALLALVPLTEEINVPCDLHR	AGAP005467-PA	C17(Carbamidomethyl)	55	1.86E-05	1	2402.281	2.65	Head	2L:+:15974494-15974556	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_32079	DEILAMVDTLSSVYK	AGAP005467-PA	M6(Oxidation)	97	2.77E-09	2	1699.854	4.69	Head	2L:+:15974938-15974982	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_32687	VQEVMEAR	AGAP005467-PA	M5(Oxidation)	43	0.000762982	2	977.473	1.23	Salivary gland	2L:+:15971819-15971842	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_34135	ILVHFQTQASK	AGAP005467-PA	-	56	3.28E-05	1	1271.714	2.73	Malpighian tubule	2L:+:15971849-15971881	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_34403	VGSSVVTQVFIVASGER	AGAP005467-PA	-	98	9.21E-10	2	1734.947	4.9	Malpighian tubule	2L:+:15971636-15971686	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_35191	QGFVVSGAPWER	AGAP005467-PA	-	60	1.97E-05	2	1332.674	3.13	Salivary gland	2L:+:15975274-15975309	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_37198	VIFPNVNDQDNEAITIIGK	AGAP005467-PA	-	69	1.53E-06	1	2100.097	-0.02	Ovary	2L:+:15973691-15973703,15973796-15973839	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_37691	RIEEECGGMSISFPR	AGAP005467-PA	C6(Carbamidomethyl), M9(Oxidation)	46	0.000304 92	1	1783.815	2.7	Salivary gland	2L:+:15973975-15974019	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_37831	KLDIIK	AGAP005467-PA	-	32	0.003676155	1	729.489	2.91	Malpighian tubule	2L:+:15974641-15974658	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_38154	IYHPFVLGAYGENLQK	AGAP005467-PA	-	50	0.000106231	1	1848.980	8.21	Head	2L:+:15972116-15972163	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_38326	GSTIQEILQTTGVSVEMPSSDSPSDTITLR	AGAP005467-PA	M17(Oxidation)	47	0.000230668	3	3165.560	4.11	Head	2L:+:15972365-15972454	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_38796	IDLPSESDTNELIVITGK	AGAP005467-PA	-	80	1.22E-07	2	1944.017	-0.07	Head	2L:+:15973253-15973306	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_39714	EQFGVDITFPR	AGAP005467-PA	-	44	0.000593073	2	1308.657	-0.72	Ovary	2L:+:15975058-15975090	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_40593	IEAIYK	AGAP005467-PA	-	32	0.005071732	1	736.425	0.84	Malpighian tubule	2L:+:15972272-15972289	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_41177	VQAITSEFGVNIR	AGAP005467-PA	-	92	7.18E-09	1	1433.779	3.19	Salivary gland	2L:+:15974194-15974232	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_41409	DEILAMVDTLSSVYKEEIHIDER	AGAP005467-PA	-	65	4.50E-06	1	2705.331	-1.2	Salivary gland	2L:+:15974938-15975006	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_42443	FNSTLSPATQNMR	AGAP005467-PA	M12(Oxidation)	39	0.001455762	2	1482.700	-0.17	Ovary	2L:+:15971597-15971635	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_44202	GSTIQEILQTTGVSVEMPSSDSPSDTITLR	AGAP005467-PA	M17(Oxidation)	95	4.07E-09	1	3165.545	-0.63	Salivary gland	2L:+:15972365-15972454	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_44460	VIFPNVNDQDNEAITIIGKK	AGAP005467-PA	-	35	0.002271632	1	2228.199	3.07	Salivary gland	2L:+:15973691-15973703,15973796-15973842	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_46400	NIDNIVEDEISVQPK	AGAP005467-PA	-	68	2.15E-06	2	1712.873	1.69	Male reproductive organs	2L:+:15973888-15973932	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_47072	ILVHFQTQASK	AGAP005467-PA	-	39	0.001146361	1	1271.711	0.61	Ovary	2L:+:15971849-15971881	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_47287	IDLPSESDTNELIVITGK	AGAP005467-PA	-	82	6.99E-08	2	1944.024	3.45	Visceras	2L:+:15973253-15973306	exon=> In CDS Exon 1 of transcript AGAP005467-PA

JHU_Ag_47878	VQAITSEFGVNIR	AGAP005467-PA	-	85	3.47E-08	1	1433.776	0.72	Malpighian tubule	2L:+:15974194-15974232	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_48051	DQSLTFLVTGK	AGAP005467-PA	-	79	1.15E-07	2	1208.656	3.2	Salivary gland	2L:+:15971786-15971818	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_48570	VIFPNVNDQDNEAITIIGKK	AGAP005467-PA	-	32	0.003765076	1	2228.209	7.67	Malpighian tubule	2L:+:15973691-15973703,15973796-15973842	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_49134	VIFPNVNDQDNEAITIIGK	AGAP005467-PA	-	96	2.61E-09	1	2100.104	3.23	Salivary gland	2L:+:15973691-15973703,15973796-15973839	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_49280	SLVTLAGTPDNVESCR	AGAP005467-PA	C15(Carbamidomethyl)	75	5.09E-07	2	1718.841	1.75	Head	2L:+:15975109-15975156	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_50427	LGNALNVVYQK	AGAP005467-PA	-	53	3.42E-05	1	1218.689	3.7	Ovary	2L:+:15972470-15972502	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_51475	AQQELLEK	AGAP005467-PA	-	60	1.60E-05	1	958.523	2.87	Malpighian tubule	2L:+:15972887-15972910	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_53092	IDLPSESDTNELIVITGK	AGAP005467-PA	-	115	3.84E-11	1	1944.023	3.07	Salivary gland	2L:+:15973253-15973306	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_54235	IQNEMANIISEEVQIPAK	AGAP005467-PA	M5(Oxidation)	116	3.42E-11	2	2043.051	4	Salivary gland	2L:+:15973346-15973399	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_57109	IYHPFVLGAYGENLQKMMEETGAK	AGAP005467-PA	M17(Oxidation), M18(Oxidation)	75	5.76E-07	1	2758.332	3.91	Malpighian tubule	2L:+:15972116-15972187	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_57433	DQSLTFLVTGK	AGAP005467-PA	-	73	5.50E-07	2	1208.653	0.27	Malpighian tubule	2L:+:15971786-15971818	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_57655	IDLPSESDTNELIVITGK	AGAP005467-PA	-	78	2.17E-07	2	1944.012	-2.58	Ovary	2L:+:15973253-15973306	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_57928	IYHPFVLGAYGENLQK	AGAP005467-PA	-	59	1.57E-05	1	1848.966	1.08	Male reproductive organs	2L:+:15972116-15972163	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_58943	LGNALNVVYQK	AGAP005467-PA	-	43	0.000389492	1	1218.685	0.49	Salivary gland	2L:+:15972470-15972502	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_59337	TDLLECPQWIHK	AGAP005467-PA	C6(Carbamidomethyl)	34	0.005373885	2	1539.760	-1.5	Head	2L:+:15972518-15972553	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_60030	TDLLECPQWIHK	AGAP005467-PA	C6(Carbamidomethyl)	56	3.63E-05	1	1539.764	1.28	Malpighian tubule	2L:+:15972518-15972553	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_60835	NIDNIVEDEISVQPK	AGAP005467-PA	-	99	2.01E-09	2	1712.874	2.12	Head	2L:+:15973888-15973932	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_60958	KLDIIK	AGAP005467-PA	-	34	0.002075851	2	729.483	-4.79	Head	2L:+:15974641-15974658	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_61504	LGNALNVVYQK	AGAP005467-PA	-	54	2.77E-05	2	1218.689	4	Larva	2L:+:15972470-15972502	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_61584	VQAITSEFGVNIRFPER	AGAP005467-PA	-	57	1.61E-05	1	1963.043	1.75	Salivary gland	2L:+:15974194-15974244	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_61664	GSTIQEILQTTGVSVEMPSSDSPSDTITLR	AGAP005467-PA	M17(Oxidation)	71	9.26E-07	1	3165.549	0.76	Malpighian tubule	2L:+:15972365-15972454	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_62134	IEGPAEGVAK	AGAP005467-PA	-	36	0.002519083	2	970.520	-0.33	Malpighian tubule	2L:+:15972857-15972886	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_63399	LTFAEMVVDPVHCK	AGAP005467-PA	C13(Carbamidomethyl)	41	0.001084155	2	1645.811	1.81	Ovary	2L:+:15972719-15972760	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_64876	ISDESDAITITGTK	AGAP005467-PA	-	109	2.19E-10	1	1450.728	0.68	Head	2L:+:15971987-15972028	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_65394	ANHDVQITFPKQDDPQNSIITIQGYEEK	AGAP005467-PA	-	107	2.80E-10	1	3228.591	3.05	Malpighian tubule	2L:+:15974839-15974922	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_66273	FHKHFISNR	AGAP005467-PA	-	34	0.004964835	1	1185.631	2.73	Malpighian tubule	2L:+:15973933-15973959	exon=> In CDS Exon 2 of transcript AGAP005467-PA

JHU_Ag_67889	VIFPNVNDQDNEAITIIGKK	AGAP005467-PA	-	57	1.44E-05	1	2228.194	0.93	Ovary	2L:+:15973691-15973703,15973796-15973842	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_68738	QDDPQNSIITIQGYEEK	AGAP005467-PA	-	92	1.11E-08	1	1977.946	3.05	Salivary gland	2L:+:15974872-15974922	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_69423	EFSAQHPNVHVEFSEDK	AGAP005467-PA	-	73	5.56E-07	1	1999.915	0.46	Salivary gland	2L:+:15972587-15972637	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_70113	MVADLTGR	AGAP005467-PA	M1(Oxidation)	38	0.003052661	2	878.442	2.04	Malpighian tubule	2L:+:15972695-15972718	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_70574	VIFPNVNDQDNEAITIIGK	AGAP005467-PA	-	40	0.00116527	2	2100.110	5.91	Larva	2L:+:15973691-15973703,15973796-15973839	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_70626	IDGPPEQVTIAAEELQK	AGAP005467-PA	-	94	4.62E-09	1	1837.948	-3.39	Malpighian tubule	2L:+:15972644-15972694	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_72835	HNQVQIVFPGPNDK	AGAP005467-PA	-	80	1.42E-07	1	1592.819	0.54	Ovary	2L:+:15973019-15973060	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_74101	EQFGVDITFPR	AGAP005467-PA	-	55	5.30E-05	2	1308.661	2.26	Head	2L:+:15975058-15975090	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_75569	DQSLTFLVTGK	AGAP005467-PA	-	55	3.48E-05	2	1208.652	-0.33	Ovary	2L:+:15971786-15971818	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_75660	IYHPFVLGAYGENLQK	AGAP005467-PA	-	58	1.74E-05	1	1848.974	5.17	Malpighian tubule	2L:+:15972116-15972163	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_75943	MKEEYDVQINIDEK	AGAP005467-PA	M1(Oxidation)	69	1.49E-06	2	1769.827	0.24	Salivary gland	2L:+:15972797-15972838	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_75946	VGSSVVTQVFIVASGER	AGAP005467-PA	-	86	2.14E-08	2	1734.942	1.81	Ovary	2L:+:15971636-15971686	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_76735	IRDETQTK	AGAP005467-PA	-	45	0.000532439	2	990.521	-0.39	Salivary gland	2L:+:15973229-15973252	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_78569	EQFGVDITFPR	AGAP005467-PA	-	40	0.001724743	2	1308.656	-1.84	Midgut	2L:+:15975058-15975090	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_80271	TDLLECPQWIHK	AGAP005467-PA	C6(Carbamidomethyl)	58	2.26E-05	1	1539.762	-0.15	Ovary	2L:+:15972518-15972553	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_82153	ISDESDAITITGTK	AGAP005467-PA	-	113	7.90E-11	2	1450.729	1.44	Male reproductive organs	2L:+:15971987-15972028	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_82345	ELSSYSVQIR	AGAP005467-PA	-	61	1.01E-05	2	1181.616	0.02	Salivary gland	2L:+:15973580-15973609	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_84651	NSFVMEVPVFK	AGAP005467-PA	M5(Oxidation)	46	0.000371821	1	1312.661	0.21	Male reproductive organs	2L:+:15973148-15973180	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_85686	ETNAHIEISSGK	AGAP005467-PA	-	44	0.000526826	2	1285.641	1.92	Head	2L:+:15971750-15971785	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_88481	FNSTLSPATQNMR	AGAP005467-PA	M12(Oxidation)	36	0.00327298	1	1482.705	3.04	Malpighian tubule	2L:+:15971597-15971635	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_89980	QQLLELASEK	AGAP005467-PA	-	50	0.000165776	2	1158.636	-0.22	Salivary gland	2L:+:15973550-15973579	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_90856	ISDESDAITITGTK	AGAP005467-PA	-	113	8.62E-11	2	1450.729	1.18	Ovary	2L:+:15971987-15972028	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_91421	VGSSVVTQVFIVASGER	AGAP005467-PA	-	106	1.49E-10	2	1734.947	4.76	Salivary gland	2L:+:15971636-15971686	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_92168	YDSDKFGEGESLR	AGAP005467-PA	-	38	0.001492599	1	1502.674	-0.95	Salivary gland	2L:+:15971690-15971728	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_92510	IRDETQTK	AGAP005467-PA	-	53	8.04E-05	2	990.521	-0.21	Head	2L:+:15973229-15973252	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_92642	HNQVQIVFPGPNDK	AGAP005467-PA	-	107	2.97E-10	1	1592.816	-1.37	Head	2L:+:15973019-15973060	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_93399	TDLLECPQWIHK	AGAP005467-PA	C6(Carbamidomethyl)	43	0.000695198	1	1539.759	-2.54	Male reproductive organs	2L:+:15972518-15972553	exon=> In CDS Exon 1 of transcript AGAP005467-PA

JHU_Ag_94159	IYHPFVLGAYGENLQK	AGAP005467-PA	-	106	2.91E-10	1	1848.971	3.33	Salivary gland	2L:+:15972116-15972163	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_94350	DKHNQVQIVFPGPNDK	AGAP005467-PA	-	58	1.96E-05	1	1835.941	0.38	Salivary gland	2L:+:15973013-15973060	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_95120	LTFAEMVVDPVHCK	AGAP005467-PA	M6(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	93	8.20E-09	1	1661.808	3.31	Salivary gland	2L:+:15972719-15972760	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_95807	IYHPFVLGAYGENLQK	AGAP005467-PA	-	72	8.22E-07	1	1848.965	0.22	Ovary	2L:+:15972116-15972163	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_96433	ISDESDAITITGTKEGIEK	AGAP005467-PA	-	86	3.52E-08	1	2007.018	2.47	Malpighian tubule	2L:+:15971987-15972043	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_96613	EALLALVPLTEEINVPCDLHR	AGAP005467-PA	C17(Carbamidomethyl)	46	0.000156762	1	2402.281	2.65	Visceras	2L:+:15974494-15974556	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_99414	VIFPNVNDQDNEAITIIGK	AGAP005467-PA	-	86	2.87E-08	1	2100.098	0.33	Visceras	2L:+:15973691-15973703,15973796-15973839	exon=> In CDS Exon 1 and 2 of transcript AGAP005467-PA
JHU_Ag_99890	IDGPPEQVTIAAEELQK	AGAP005467-PA	-	112	6.74E-11	1	1837.961	3.38	Head	2L:+:15972644-15972694	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_99958	ANHDVQITFPK	AGAP005467-PA	-	44	0.00041106	2	1269.657	-1.38	Ovary	2L:+:15974839-15974871	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_101203	IQNEMANIISEEVQIPAK	AGAP005467-PA	-	45	0.000356716	2	2027.060	6.04	Head	2L:+:15973346-15973399	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_103153	AAIDEAKVAIAER	AGAP005467-PA	-	91	6.01E-09	1	1356.753	3.4	Malpighian tubule	2L:+:15974674-15974712	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_104420	VQAITSEFGVNIR	AGAP005467-PA	-	79	1.52E-07	2	1433.776	0.64	Male reproductive organs	2L:+:15974194-15974232	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_104758	ANHDVQITFPK	AGAP005467-PA	-	54	4.12E-05	2	1269.657	-1.57	Head	2L:+:15974839-15974871	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_105087	EQFGVDITFPR	AGAP005467-PA	-	64	6.80E-06	1	1308.664	4.5	Salivary gland	2L:+:15975058-15975090	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_105717	EFSAQHPNVHVEFSEDKIK	AGAP005467-PA	-	75	4.38E-07	1	2241.093	-0.17	Salivary gland	2L:+:15972587-15972643	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_106712	SLVTLAGTPDNVESCR	AGAP005467-PA	C15(Carbamidomethyl)	86	5.03E-08	2	1718.842	2.46	Malpighian tubule	2L:+:15975109-15975156	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_107791	TDLLECPQWIHK	AGAP005467-PA	C6(Carbamidomethyl)	80	1.28E-07	1	1539.766	2.15	Salivary gland	2L:+:15972518-15972553	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_108176	IDGPPEQVTIAAEELQK	AGAP005467-PA	-	83	5.81E-08	1	1837.955	0.59	Male reproductive organs	2L:+:15972644-15972694	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_108796	IDGPPEQVTIAAEELQK	AGAP005467-PA	-	131	8.25E-13	1	1837.961	3.78	Salivary gland	2L:+:15972644-15972694	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_109379	SLVTLAGTPDNVESCR	AGAP005467-PA	C15(Carbamidomethyl)	56	4.04E-05	2	1718.844	3.39	Salivary gland	2L:+:15975109-15975156	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_110569	NIDNIVEDEISVQPK	AGAP005467-PA	-	100	1.62E-09	2	1712.874	2.33	Ovary	2L:+:15973888-15973932	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_111878	EFSAQHPNVHVEFSEDK	AGAP005467-PA	-	118	2.05E-11	1	1999.924	4.74	Ovary	2L:+:15972587-15972637	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_111888	LEVDPVYHQK	AGAP005467-PA	-	51	9.71E-05	1	1227.638	1.31	Salivary gland	2L:+:15974770-15974799	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_111987	EQFGVDITFPR	AGAP005467-PA	-	54	6.21E-05	2	1308.660	1.05	Visceras	2L:+:15975058-15975090	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_113323	AQHKYVYGPR	AGAP005467-PA	-	46	0.000376496	1	1218.642	3.14	Malpighian tubule	2L:+:15972335-15972364	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_113584	FNSTLSPATQNMR	AGAP005467-PA	M12(Oxidation)	52	7.21E-05	2	1482.700	-0.09	Salivary gland	2L:+:15971597-15971635	exon=> In CDS Exon 1 of transcript AGAP005467-PA

JHU_Ag_113838	QQLLELASEKELSSYSVQIR	AGAP005467-PA	-	101	4.89E-10	1	2321.247	5.43	Salivary gland	2L:+:15973550-15973609	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_113964	IDLPSESDTNELIVITGKK	AGAP005467-PA	-	51	5.59E-05	1	2072.115	1.43	Ovary	2L:+:15973253-15973309	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_114251	IEEECGGMSISFPR	AGAP005467-PA	C5(Carbamidomethyl), M8(Oxidation)	111	6.67E-11	1	1627.712	1.87	Salivary gland	2L:+:15973978-15974019	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_115032	IQNEMANIISEEVQIPAK	AGAP005467-PA	M5(Oxidation)	91	1.13E-08	2	2043.042	-0.54	Male reproductive organs	2L:+:15973346-15973399	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_115094	QDDPQNSIITIQGYEEK	AGAP005467-PA	-	91	1.23E-08	1	1977.942	0.89	Head	2L:+:15974872-15974922	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_115480	NSFVMEVPVFK	AGAP005467-PA	M5(Oxidation)	73	6.54E-07	2	1312.664	2.72	Salivary gland	2L:+:15973148-15973180	exon=> In CDS Exon 1 of transcript AGAP005467-PA
JHU_Ag_117082	EQFGVDITFPR	AGAP005467-PA	-	46	0.000441 29	2	1308.656	-1.93	Male reproductive organs	2L:+:15975058-15975090	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_117533	KLDIIK	AGAP005467-PA	-	34	0.001429 091	2	729.487	-0.52	Male reproductive organs	2L:+:15974641-15974658	exon=> In CDS Exon 2 of transcript AGAP005467-PA
JHU_Ag_29477	VNNVELLIANR	AGAP005468-PA	N3(Deamidated),N2(Deamidated)	31	0.006329 042	1	1255.699	-1.6	Ovary	2L:+:15985283-15985315	exon=> In CDS Exon 7 of transcript AGAP005468-PA
JHU_Ag_63576	AHDTLR	AGAP005470-PA	-	34	0.002933 138	2	712.370	-4.61	Head	2L:+:16011539-16011556	exon=> In CDS Exon 1 of transcript AGAP005470-PA
JHU_Ag_67545	AHDTLR	AGAP005470-PA	-	32	0.003207 658	2	712.374	1.05	Visceras	2L:+:16011539-16011556	exon=> In CDS Exon 1 of transcript AGAP005470-PA
JHU_Ag_12	QKPPVFVRPLQDHK	AGAP005471-PA	-	38	0.000577 168	1	1688.959	-0.18	Visceras	2L:+:16049706-16049747	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_707	NLVQSVLETSTEPR	AGAP005471-PA	N1(Deamidated)	38	0.002828 03	1	1573.823	9.98	Visceras	2L:+:16039367-16039408	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_769	SETISNFGGQSPR	AGAP005471-PA	-	70	1.55E-06	2	1379.656	0.82	Head	2L:+:16056452-16056490	exon=> In CDS Exon 30 of transcript AGAP005471-PA
JHU_Ag_939	FAGNPAPEVIWTKDGEPLQPTGR	AGAP005471-PA	-	45	0.000379 688	1	2480.267	4.11	Malpighian tubule	2L:+:16050381-16050449	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_1484	DDTALYTADIINDYGTVTEK	AGAP005471-PA	-	48	0.000229 899	2	2218.044	2.09	Pupa	2L:+:16043788-16043847	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_1505	SASLTEIVPK	AGAP005471-PA	-	50	0.000101 217	2	1044.595	1.71	Pupa	2L:+:16049967-16049996	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_1955	KVFQKPNFVYPFSDMQQLPGLEAK	AGAP005471-PA	M15(Oxidation)	74	3.93E-07	1	2827.463	4.93	Visceras	2L:+:16050585-16050656	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_2236	LTVIPCK	AGAP005471-PA	C6(Carbamidomethyl)	38	0.002540 816	2	830.479	-1.79	Visceras	2L:+:16048091-16048103,16048187-16048194	exon=> In CDS Exon 19 and 20 of transcript AGAP005471-PA
JHU_Ag_2625	VENLYGVSDPSPYVQTYR	AGAP005471-PA	-	145	5.04E-14	1	2087.011	1.54	Visceras	2L:+:16051544-16051597	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_4363	KDEGLYSISAR	AGAP005471-PA	-	83	6.93E-08	1	1238.638	0.02	Visceras	2L:+:16052967-16052999	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_4546	FTHNGTLVAGDR	AGAP005471-PA	-	84	5.13E-08	1	1287.640	-3.5	Head	2L:+:16050105-16050140	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_4614	RTFEEYQIGTDR	AGAP005471-PA	-	36	0.003159 292	2	1514.722	-0.74	Visceras	2L:+:16053906-16053941	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_4801	DLLIAHPGSDNLK	AGAP005471-PA	-	63	5.62E-06	1	1392.750	1.05	Male reproductive organs	2L:+:16053501-16053539	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_5426	AVNNLGEAICHANLK	AGAP005471-PA	C10(Carbamidomethyl)	74	5.42E-07	1	1623.832	2.84	Head	2L:+:16051199-16051243	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_5439	VQWYIDDVEITESR	AGAP005471-PA	Q2(Deamidated)	95	5.02E-09	2	1752.849	2.83	Visceras	2L:+:16043968-16044009	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_5504	IGALLAAFRPK	AGAP005471-PA	-	79	2.39E-08	1	1156.721	0.31	Visceras	2L:+:16055518-16055550	exon=> In CDS Exon 27 of transcript AGAP005471-PA

JHU_Ag_5567	FTKEPDSLTVHDWADVYNK	AGAP005471-PA	-	128	2.30E-12	1	2265.082	0.02	Pupa	2L:+:16048964-16049020	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_5824	IHAANRDDTALYTADIINDYGTVTEK	AGAP005471-PA	-	111	1.16E-10	1	2880.406	1.61	Pupa	2L:+:16043770-16043847	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_5863	SETISNFGGQSPR	AGAP005471-PA	-	97	3.20E-09	2	1379.657	1.53	Visceras	2L:+:16056452-16056490	exon=> In CDS Exon 30 of transcript AGAP005471-PA
JHU_Ag_6321	SASLTEIVPK	AGAP005471-PA	-	71	1.08E-06	1	1044.595	1.01	Visceras	2L:+:16049967-16049996	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_6836	FEPSDYRPR	AGAP005471-PA	-	35	0.004129325	1	1166.556	-2.87	Visceras	2L:+:16051244-16051270	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_6966	FLTAENYYIIK	AGAP005471-PA	-	66	4.16E-06	1	1374.731	0.17	Visceras	2L:+:16043376-16043408	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_7221	IKVLDDVDGR	AGAP005471-PA	-	63	7.67E-06	2	1129.622	0.57	Visceras	2L:+:16054753-16054782	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_7650	KDEGLYSISAR	AGAP005471-PA	-	54	5.18E-05	2	1238.640	1.8	Male reproductive organs	2L:+:16052967-16052999	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_8492	LQEETIVNEKEDIELVVK	AGAP005471-PA	-	45	0.000264288	1	2128.137	-0.75	Visceras	2L:+:16043605-16043658	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_9021	IRVENLYGVSDPSPYVQTYR	AGAP005471-PA	-	97	2.35E-09	1	2356.199	2.26	Head	2L:+:16051538-16051597	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_9061	DNHPDYETASFK	AGAP005471-PA	-	81	5.37E-08	1	1423.612	-0.61	Visceras	2L:+:16054155-16054190	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_10035	DFDVERPGHR	AGAP005471-PA	-	50	0.000105534	1	1227.587	0.21	Visceras	2L:+:16051688-16051717	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_10142	SLDLEEDDRLELR	AGAP005471-PA	-	58	2.41E-05	1	1602.799	1.07	Visceras	2L:+:16049300-16049338	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_10532	TITTLEPGAPK	AGAP005471-PA	-	33	0.00393502	2	1127.632	1.14	Pupa	2L:+:16055167-16055199	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_10971	FAGNPAPEVIWTK	AGAP005471-PA	-	47	0.000264653	2	1429.749	0.84	Head	2L:+:16050381-16050419	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_11256	GTQGITYHATDR	AGAP005471-PA	-	91	1.30E-08	1	1319.635	0.98	Pupa	2L:+:16053153-16053188	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_11891	TDIADVTTFDSLPLIWTVEADGIPRPEVCWYHNDELVK	AGAP005471-PA	C29(Carbamidomethyl)	51	6.88E-05	1	4415.159	1.15	Visceras	2L:+:16047767-16047880	exon=> In CDS Exon 18 of transcript AGAP005471-PA
JHU_Ag_12066	QKLEPEPPVFYPYLGPGR	AGAP005471-PA	-	98	1.76E-09	1	2087.102	2.65	Head	2L:+:16051598-16051651	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_12192	FAGNPAPEVIWTKDGEPLQPTGR	AGAP005471-PA	-	44	0.000440743	1	2480.261	1.53	Pupa	2L:+:16050381-16050449	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_12251	DALNHSWFDVIYRR	AGAP005471-PA	-	64	6.22E-06	1	1791.895	1.24	Visceras	2L:+:16053867-16053908	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_12399	FLMLIFK	AGAP005471-PA	M3(Oxidation)	35	0.0016586	2	927.540	2.7	Larva	2L:+:16056129-16056149	exon=> In CDS Exon 28 of transcript AGAP005471-PA
JHU_Ag_12650	KDEGLYSISAR	AGAP005471-PA	-	50	0.000150766	2	1238.636	-1.26	Head	2L:+:16052967-16052999	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_12671	WTFIGSVWENISTEAR	AGAP005471-PA	-	56	4.24E-05	2	1895.929	0.08	Visceras	2L:+:16053765-16053812	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_13140	NLVQSVLETSTEPR	AGAP005471-PA	N1(Deamidated)	38	0.002913962	1	1573.822	9.51	Head	2L:+:16039367-16039408	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_13896	FLQRPEEVFIMGR	AGAP005471-PA	-	52	6.69E-05	1	1621.857	2.99	Pupa	2L:+:16052024-16052062	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_14414	DLLIAHPGSDNLK	AGAP005471-PA	-	83	5.40E-08	1	1392.750	1.31	Visceras	2L:+:16053501-16053539	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_14429	VTAEDAGIYTCEVK	AGAP005471-PA	C11(Carbamidomethyl)	122	8.64E-12	1	1555.731	0.21	Visceras	2L:+:16049904-16049945	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_14435	VFQKPNFVYPFSDMQQLPGLEAK	AGAP005471-PA	M14(Oxidation)	41	0.000881117	1	2699.381	10.07	Pupa	2L:+:16050588-16050656	exon=> In CDS Exon 24 of transcript AGAP005471-PA

JHU_Ag_14684	IFELGDER	AGAP005471-PA	-	50	0.000127884	2	978.489	-0.21	Visceras	2L:+:16055437-16055460	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_14799	HYDTGDYTFQAK	AGAP005471-PA	-	104	2.46E-10	1	1445.634	0.6	Visceras	2L:+:16048426-16048461	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_15012	DGEPLQPTGR	AGAP005471-PA	-	62	7.95E-06	1	1069.525	-1.99	Visceras	2L:+:16050420-16050449	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_15242	SAEAVEREFDVLR	AGAP005471-PA	-	39	0.001862552	1	1520.773	1.46	Pupa	2L:+:16055461-16055499	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_15420	ADDYIVLK	AGAP005471-PA	-	43	0.000839241	2	936.502	-2.28	Male reproductive organs	2L:+:16048333-16048356	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_15574	IGALLAAFRPK	AGAP005471-PA	-	30	0.001837265	1	1156.721	0.51	Head	2L:+:16055518-16055550	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_15949	LTVCVDGFPMPTVEWIR	AGAP005471-PA	C4(Carbamidomethyl), M10(Oxidation)	51	0.00013987	2	2035.998	0.18	Visceras	2L:+:16051031-16051081	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_16270	FLMLIFK	AGAP005471-PA	M3(Oxidation)	49	0.000104459	2	927.539	2.11	Visceras	2L:+:16056129-16056149	exon=> In CDS Exon 28 of transcript AGAP005471-PA
JHU_Ag_16277	AESNPAPIVR	AGAP005471-PA	-	50	8.02E-05	1	1053.568	-0.6	Visceras	2L:+:16043659-16043688	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_16287	SESHYQYGPDTYLLQLR	AGAP005471-PA	-	117	3.51E-11	1	2069.997	2.12	Head	2L:+:16054191-16054241	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_16983	FLMLIFK	AGAP005471-PA	-	35	0.001259648	2	911.544	1.59	Pupa	2L:+:16056129-16056149	exon=> In CDS Exon 28 of transcript AGAP005471-PA
JHU_Ag_18011	TPPTITKPHDMAAMVNEQYK	AGAP005471-PA	M11(Oxidation), M14(Oxidation)	83	9.67E-08	1	2304.104	1.65	Visceras	2L:+:16043229-16043288	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_18040	RPTVEECFDHR	AGAP005471-PA	C7(Carbamidomethyl)	31	0.007639086	3	1445.652	-4.91	Head	2L:+:16056233-16056265	exon=> In CDS Exon 29 of transcript AGAP005471-PA
JHU_Ag_18121	REAVVR	AGAP005471-PA	-	32	0.003575952	2	729.439	2.75	Midgut	2L:+:16024662-16024666,16024732-16024744	exon=> In CDS Exon 3 and 4 of transcript AGAP005471-PA
JHU_Ag_19077	DRADIGYYELIIPEVHK	AGAP005471-PA	-	76	2.85E-07	1	2031.053	-0.63	Visceras	2L:+:16042551-16042601	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_19189	TFEEYQIGTDR	AGAP005471-PA	-	83	4.48E-08	1	1358.626	2.81	Visceras	2L:+:16053909-16053941	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_19611	DLLHTPPYPLTEKPIISK	AGAP005471-PA	-	122	1.52E-12	1	2062.161	1.47	Visceras	2L:+:16051298-16051351	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_19700	ECAPEDTGLYSCTATNR	AGAP005471-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	82	1.75E-08	1	1944.805	-0.55	Head	2L:+:16050783-16050833	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_20042	LQGADVLTYLSSR	AGAP005471-PA	-	97	2.19E-09	1	1422.764	3.39	Pupa	2L:+:16055584-16055622	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_20333	HEGTIIEPGGR	AGAP005471-PA	-	79	1.98E-07	1	1165.597	0.98	Visceras	2L:+:16043058-16043090	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_20443	NEPVTLSVTLTSDPEPEITWLQNGNEVK	AGAP005471-PA	-	47	0.000160876	1	3110.579	8.42	Visceras	2L:+:16048249-16048332	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_20689	DGLNLCNNDNCDVIADIEK	AGAP005471-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	69	1.01E-06	1	2191.960	0.33	Visceras	2L:+:16048618-16048674	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_20858	LLVYEEK	AGAP005471-PA	-	40	0.000658049	2	893.498	0.57	Visceras	2L:+:16053828-16053848	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_21226	ADDYIVLK	AGAP005471-PA	-	43	0.000831236	2	936.503	-0.98	Visceras	2L:+:16048333-16048356	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_21815	ENDDLTYSLEIQHCR	AGAP005471-PA	C14(Carbamidomethyl)	122	6.70E-12	1	1892.845	0.28	Visceras	2L:+:16041968-16042012	exon=> In CDS Exon 11 of transcript AGAP005471-PA
JHU_Ag_22238	DLLHTPPYPLTEKPIISK	AGAP005471-PA	-	40	0.000293931	1	2062.159	0.31	Head	2L:+:16051298-16051351	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_22495	LVVNTDELER	AGAP005471-PA	-	42	0.000992486	2	1187.626	-0.88	Visceras	2L:+:16039781-16039810	exon=> In CDS Exon 9 of transcript AGAP005471-PA

JHU_Ag_23486	DAPVAQEFLASNDAIR	AGAP005471-PA	-	46	0.000458317	2	1716.861	3.15	Pupa	2L:+:16025111-16025158	exon=> In CDS Exon 5 of transcript AGAP005471-PA
JHU_Ag_23778	KPQFVSELMNANIVEGFPIK	AGAP005471-PA	M9(Oxidation)	111	8.16E-11	1	2277.204	4.14	Head	2L:+:16050003-16050062	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_23841	WLVHTDFMTK	AGAP005471-PA	-	45	0.000478646	1	1277.635	0.15	Visceras	2L:+:16056266-16056295	exon=> In CDS Exon 29 of transcript AGAP005471-PA
JHU_Ag_24001	YRFENLFK	AGAP005471-PA	-	35	0.004745279	1	1116.583	-0.39	Head	2L:+:16056081-16056104	exon=> In CDS Exon 28 of transcript AGAP005471-PA
JHU_Ag_24235	EPDSLTVHDWADVYNK	AGAP005471-PA	-	46	0.000346169	1	1888.876	2.46	Visceras	2L:+:16048973-16049020	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_24707	NAIGSISSSVTVHVEDNEEDYVYNAHHR	AGAP005471-PA	-	48	0.000167539	1	3142.447	0.17	Visceras	2L:+:16053000-16053083	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_25018	LDVVTR	AGAP005471-PA	-	46	0.000267456	2	702.415	0.57	Visceras	2L:+:16050861-16050878	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_25031	SGDVTTQCGVAITPK	AGAP005471-PA	C8(Carbamidomethyl)	64	6.15E-06	2	1533.763	3.3	Head	2L:+:16049587-16049626,16049701-16049705	exon=> In CDS Exon 23 and 24 of transcript AGAP005471-PA
JHU_Ag_25192	FTKEPDSLTVHDWADVYNK	AGAP005471-PA	-	128	2.56E-12	1	2265.081	-0.39	Visceras	2L:+:16048964-16049020	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_25318	IHAANRDDTALYTADIINDYGTVTEK	AGAP005471-PA	-	79	1.51E-07	3	2880.419	6.18	Ovary	2L:+:16043770-16043847	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_25747	FLQRPEEVFIMGR	AGAP005471-PA	M11(Oxidation)	83	6.13E-08	1	1621.856	2.32	Visceras	2L:+:16052024-16052062	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_26054	TFEEYQIGTDR	AGAP005471-PA	-	57	1.55E-05	2	1358.623	0.47	Male reproductive organs	2L:+:16053909-16053941	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_27831	EITYTLHIDQAR	AGAP005471-PA	-	93	7.74E-09	1	1459.756	1.55	Head	2L:+:16048390-16048425	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_28064	VCLELGEYPR	AGAP005471-PA	C2(Carbamidomethyl)	38	0.002622676	2	1235.609	0.3	Pupa	2L:+:16051994-16052023	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_28073	IGALLAAFRPK	AGAP005471-PA	-	73	9.17E-08	1	1156.721	0.55	Pupa	2L:+:16055518-16055550	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_28635	VENYTLSLTMVR	AGAP005471-PA	M10(Oxidation)	63	5.98E-06	2	1441.741	3.59	Pupa	2L:+:16044322-16044357	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_28687	LHDAYDINR	AGAP005471-PA	-	53	5.88E-05	1	1116.544	0.2	Pupa	2L:+:16053303-16053329	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_28857	HLQQLTESGQQVGPEER	AGAP005471-PA	-	119	2.20E-11	1	1935.952	0.12	Pupa	2L:+:16055224-16055274	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_29339	GTQGITYHATDR	AGAP005471-PA	-	70	1.57E-06	1	1319.634	0.14	Male reproductive organs	2L:+:16053153-16053188	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_29507	LDVLLKPEIENFR	AGAP005471-PA	-	61	5.20E-06	1	1585.902	4.29	Larva	2L:+:16048495-16048533	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_29636	FTDVMDEEIDDERR	AGAP005471-PA	M5(Oxidation)	71	4.90E-07	1	1769.761	-2.11	Visceras	2L:+:16054441-16054482	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_29718	NTSIAALVMEK	AGAP005471-PA	M9(Oxidation)	71	9.49E-07	2	1176.630	0.7	Visceras	2L:+:16055551-16055583	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_30244	SYYYHYR	AGAP005471-PA	-	36	0.002145313	1	1051.460	-2.79	Head	2L:+:16053948-16053968	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_30722	DEGLYSISAR	AGAP005471-PA	-	57	2.82E-05	2	1110.543	0.36	Visceras	2L:+:16052970-16052999	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_31062	FNIQVK	AGAP005471-PA	-	33	0.003534602	2	748.433	-2.53	Pupa	2L:+:16049246-16049263	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_31532	LIVDDVQEEDLGR	AGAP005471-PA	-	85	5.47E-08	2	1500.755	0.38	Male reproductive organs	2L:+:16051148-16051186	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_32335	VVIAVIPDAPDAPDAVAVSDTEVLLR	AGAP005471-PA	-	74	1.21E-07	1	2645.449	3.49	Visceras	2L:+:16054879-16054956	exon=> In CDS Exon 27 of transcript AGAP005471-PA

JHU_Ag_32599	IGALLAAFRPK	AGAP005471-PA	-	42	0.000116996	3	1156.721	0.31	Male reproductive organs	2L:+:16055518-16055550	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_33914	LQGADVLTYLSSR	AGAP005471-PA	-	86	3.12E-08	2	1422.759	0.39	Male reproductive organs	2L:+:16055584-16055622	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_34169	DWQPIHESSR	AGAP005471-PA	-	63	6.22E-06	1	1254.586	-0.48	Pupa	2L:+:16052126-16052155	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_34226	LGSYAEAEALIECK	AGAP005471-PA	C13(Carbamidomethyl)	112	1.09E-10	2	1553.756	2.58	Visceras	2L:+:16054558-16054599	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_34443	VTAEDAGIYTCEVK	AGAP005471-PA	C11(Carbamidomethyl)	111	1.27E-10	1	1555.731	0.14	Head	2L:+:16049904-16049945	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_34533	TITTLEPGAPK	AGAP005471-PA	-	34	0.002352577	2	1127.634	3.2	Malpighian tubule	2L:+:16055167-16055199	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_34681	IEDDKLYTLDYGMPEFVAPEVINR	AGAP005471-PA	M13(Oxidation)	87	2.89E-08	1	2843.390	3.08	Visceras	2L:+:16053567-16053638	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_35082	VPTNIRPHFIKPIR	AGAP005471-PA	-	70	5.00E-08	1	1688.014	1.2	Visceras	2L:+:16041092-16041133	exon=> In CDS Exon 10 of transcript AGAP005471-PA
JHU_Ag_35128	VREQLTALTCK	AGAP005471-PA	C10(Carbamidomethyl)	63	5.91E-06	1	1318.715	0.07	Visceras	2L:+:16043878-16043910	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_35581	FNIQVK	AGAP005471-PA	-	36	0.001623082	2	748.435	-0.49	Visceras	2L:+:16049246-16049263	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_35778	TQAFFDGEINEPDPDFSIAAAHR	AGAP005471-PA	-	114	5.41E-11	1	2548.177	1.08	Visceras	2L:+:16039814-16039882	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_35912	CIVDGSPLPK	AGAP005471-PA	C1(Carbamidomethyl)	41	0.000654699	2	1085.564	-2.07	Visceras	2L:+:16049339-16049368	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_36093	FAGNPAPEVIWTK	AGAP005471-PA	-	71	1.20E-06	1	1429.748	0.59	Pupa	2L:+:16050381-16050419	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_36199	HQAQAPEFLR	AGAP005471-PA	-	71	9.30E-07	1	1196.617	-0.42	Visceras	2L:+:16051718-16051747	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_36761	LDVLLKPEIENFR	AGAP005471-PA	-	40	0.000701576	3	1585.894	-0.56	Male reproductive organs	2L:+:16048495-16048533	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_36907	YSFSYTR	AGAP005471-PA	-	32	0.007488309	2	923.426	0.34	Head	2L:+:16051874-16051894	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_37010	AINGTENASCTAQLIVETLTPEQR	AGAP005471-PA	N3(Deamidated), C10(Carbamidomethyl),"N7(Deamidated), C10(Carbamidomethyl)",C10(Carbamidomethyl)	73	7.58E-07	2	2616.308	5.51	Visceras	2L:+:16042043-16042097,16042169-16042185	exon=> In CDS Exon 11 and 12 of transcript AGAP005471-PA
JHU_Ag_37210	DALNHSWFDVIYR	AGAP005471-PA	-	61	1.64E-05	1	1635.797	3.56	Head	2L:+:16053867-16053905	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_37769	HEGTIIEPGGR	AGAP005471-PA	-	79	1.82E-07	1	1165.597	0.88	Pupa	2L:+:16043058-16043090	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_38057	LQGADVLTYLSSR	AGAP005471-PA	-	90	1.33E-08	2	1422.762	1.93	Head	2L:+:16055584-16055622	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_38320	KDEGLYSISAR	AGAP005471-PA	-	74	5.76E-07	2	1238.637	-0.27	Pupa	2L:+:16052967-16052999	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_38460	VCTADPNLVLIEK	AGAP005471-PA	C2(Carbamidomethyl)	65	3.86E-06	2	1471.783	0.13	Visceras	2L:+:16040075-16040113	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_38625	LGSYAEAEALIECKR	AGAP005471-PA	C13(Carbamidomethyl)	67	3.07E-06	1	1709.854	0.85	Visceras	2L:+:16054558-16054602	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_38768	SIFILK	AGAP005471-PA	-	32	0.000318398	2	720.465	-1.31	Pupa	2L:+:16035580-16035597	exon=> In CDS Exon 7 of transcript AGAP005471-PA
JHU_Ag_38962	LEPEPPVFYPYLGPGR	AGAP005471-PA	-	35	0.004621218	2	1830.948	3.06	Head	2L:+:16051604-16051651	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_39370	LVGVPRPEVQWYK	AGAP005471-PA	-	69	9.35E-07	1	1570.876	1	Visceras	2L:+:16050669-16050707	exon=> In CDS Exon 24 of transcript AGAP005471-PA

JHU_Ag_39807	SPSLVSDSNYDGSLPIIR	AGAP005471-PA	-	152	8.81E-15	1	1919.974	1.41	Visceras	2L:+:16054296-16054334,16054414-16054428	exon=> In CDS Exon 26 and 27 of transcript AGAP005471-PA
JHU_Ag_40248	DEGLYSISAR	AGAP005471-PA	-	55	4.11E-05	2	1110.543	0.14	Pupa	2L:+:16052970-16052999	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_40699	WEEYVSKDNHPDYETASFK	AGAP005471-PA	-	51	6.38E-05	1	2345.038	1.17	Visceras	2L:+:16054134-16054190	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_41918	SYYYHYR	AGAP005471-PA	-	36	0.002114849	1	1051.463	-0.58	Visceras	2L:+:16053948-16053968	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_42334	TEAQLLVADQLDLFSELDNLDDKTK	AGAP005471-PA	-	48	0.00019724	1	2834.430	-0.13	Head	2L:+:16042656-16042730	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_42973	YSTALGENVLDIQK	AGAP005471-PA	-	102	8.70E-10	2	1550.807	0.29	Pupa	2L:+:16035193-16035234	exon=> In CDS Exon 6 of transcript AGAP005471-PA
JHU_Ag_43907	SDGNSQVICYSLEQK	AGAP005471-PA	N4(Deamidated),C9(Carbamidomethyl),C9(Carbamidomethyl)	121	9.11E-12	1	1727.793	1.57	Visceras	2L:+:16054972-16055016	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_44599	GKDLLHTPPYPLTEKPIISK	AGAP005471-PA	-	93	9.24E-10	1	2247.270	-2.12	Visceras	2L:+:16051292-16051351	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_45189	RVVIIAEDGR	AGAP005471-PA	-	49	0.000101504	1	1127.650	-2.45	Head	2L:+:16043728-16043757	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_47239	FTKEPDSLTVHDWADVYNK	AGAP005471-PA	-	54	5.94E-05	1	2265.091	3.66	Head	2L:+:16048964-16049020	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_47851	VYQDFYDLGDEIGR	AGAP005471-PA	-	106	3.10E-10	1	1689.779	1.81	Head	2L:+:16053111-16053152	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_48864	DVKEADAGEWK	AGAP005471-PA	-	47	0.000255348	1	1247.590	-0.25	Pupa	2L:+:16048013-16048045	exon=> In CDS Exon 19 of transcript AGAP005471-PA
JHU_Ag_48964	EITYTLHIDQAR	AGAP005471-PA	-	81	1.08E-07	1	1459.761	4.98	Larva	2L:+:16048390-16048425	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_49125	YGTDDSITVTR	AGAP005471-PA	-	49	0.000150217	2	1227.584	-0.86	Male reproductive organs	2L:+:16054498-16054530	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_49400	SVIQFHPATHNDVGVYK	AGAP005471-PA	-	64	4.76E-06	1	1911.980	4.56	Ovary	2L:+:16054783-16054833	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_49607	GINFINQPDGLVGFIIDR	AGAP005471-PA	-	101	7.11E-10	1	1988.063	1.48	Visceras	2L:+:16049850-16049903	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_50064	GSDPVHLIAYSEEAK	AGAP005471-PA	-	66	3.38E-06	1	1615.792	-2.56	Pupa	2L:+:16035673-16035717	exon=> In CDS Exon 7 of transcript AGAP005471-PA
JHU_Ag_51014	KLVVNTDELER	AGAP005471-PA	-	77	2.64E-07	1	1315.720	-0.98	Visceras	2L:+:16039778-16039810	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_51304	TFEEYQIGTDR	AGAP005471-PA	-	38	0.001535509	1	1358.634	8.83	Larva	2L:+:16053909-16053941	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_53540	QIAIYVYQALLGLEHMHTR	AGAP005471-PA	M16(Oxidation)	96	2.11E-09	1	2272.195	1.85	Visceras	2L:+:16053414-16053470	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_54307	ADETVLYAEDTIVK	AGAP005471-PA	-	116	4.11E-11	1	1566.793	1.89	Visceras	2L:+:16039916-16039957	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_54377	FTNELGTDETSAMTTVQCSPK	AGAP005471-PA	M13(Oxidation),C18(Carbamidomethyl),C18(Carbamidomethyl)	149	1.11E-14	2	2333.026	-0.37	Visceras	2L:+:16044100-16044162	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_54544	EPVYEYQYTVEDPVTGAR	AGAP005471-PA	-	104	6.68E-10	1	2115.988	0.28	Visceras	2L:+:16040021-16040074	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_54626	YGTDDSITVTR	AGAP005471-PA	-	89	1.41E-08	2	1227.586	0.73	Visceras	2L:+:16054498-16054530	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_54816	LDPTQTNIDDSIIK	AGAP005471-PA	-	58	2.08E-05	1	1572.813	0.6	Pupa	2L:+:16035796-16035837	exon=> In CDS Exon 7 of transcript AGAP005471-PA
JHU_Ag_55437	EITYTLHIDQAR	AGAP005471-PA	-	93	6.97E-09	1	1459.755	0.55	Pupa	2L:+:16048390-16048425	exon=> In CDS Exon 20 of transcript AGAP005471-PA

JHU_Ag_55532	SPSLVSDSNYDGSLPIIR	AGAP005471-PA	-	106	4.02E-10	2	1919.971	-0.24	Head	2L:+:16054296-16054334,16054414-16054428	exon=> In CDS Exon 26 and 27 of transcript AGAP005471-PA
JHU_Ag_55746	EGEPNQIICYAVGDPKPSVTWFR	AGAP005471-PA	C9(Carbamidomethyl)	40	0.001403109	1	2663.307	5.33	Head	2L:+:16054654-16054722	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_55836	TFEEYQIGTDR	AGAP005471-PA	-	64	3.50E-06	1	1358.625	2.27	Pupa	2L:+:16053909-16053941	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_55872	AMSESNSPVFSVQLK	AGAP005471-PA	M2(Oxidation)	114	7.68E-11	2	1623.807	1.41	Visceras	2L:+:16042189-16042233	exon=> In CDS Exon 12 of transcript AGAP005471-PA
JHU_Ag_56160	NGVAFDPEER	AGAP005471-PA	N1(Deamidated)	46	0.000231336	1	1134.506	-0.52	Visceras	2L:+:16042746-16042775	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_56626	LHDAYDINR	AGAP005471-PA	-	46	0.000300702	1	1116.542	-1.44	Head	2L:+:16053303-16053329	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_56813	TEIKELEYNLK	AGAP005471-PA	-	41	0.000908064	1	1379.741	-0.54	Pupa	2L:+:16048357-16048389	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_57814	DITADEGKELTFSAR	AGAP005471-PA	-	112	1.01E-10	1	1652.813	0.06	Visceras	2L:+:16050336-16050380	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_58072	GTQGITYHATDR	AGAP005471-PA	-	77	3.25E-07	1	1319.627	-5.04	Head	2L:+:16053153-16053188	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_58164	VYQDFYDLGDEIGR	AGAP005471-PA	-	115	3.62E-11	1	1689.779	1.81	Pupa	2L:+:16053111-16053152	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_58728	IRVENLYGVSDPSPYVQTYR	AGAP005471-PA	-	81	9.36E-08	1	2356.197	1.72	Pupa	2L:+:16051538-16051597	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_59343	SETISNFGGQSPR	AGAP005471-PA	-	76	3.72E-07	2	1379.655	-0.06	Male reproductive organs	2L:+:16056452-16056490	exon=> In CDS Exon 30 of transcript AGAP005471-PA
JHU_Ag_59891	YLFLFK	AGAP005471-PA	-	37	0.003586213	2	830.480	-1.45	Pupa	2L:+:16035517-16035534	exon=> In CDS Exon 7 of transcript AGAP005471-PA
JHU_Ag_61228	VENLYGVSDPSPYVQTYR	AGAP005471-PA	-	87	3.19E-08	2	2087.002	-3.02	Head	2L:+:16051544-16051597	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_61296	FTHNGTLVAGDRYR	AGAP005471-PA	-	43	0.000894436	1	1606.815	3.78	Malpighian tubule	2L:+:16050105-16050146	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_61306	DDTALYTADIINDYGTVTEK	AGAP005471-PA	-	114	5.75E-11	1	2218.042	0.88	Visceras	2L:+:16043788-16043847	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_61443	SNSIQEELLTTF	AGAP005471-PA	-	68	2.35E-06	2	1381.689	3.37	Visceras	2L:+:16056503-16056538	exon=> In CDS Exon 30 of transcript AGAP005471-PA
JHU_Ag_62167	ECAPEDTGLYSCTATNR	AGAP005471-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	107	6.04E-11	2	1944.806	-0.23	Visceras	2L:+:16050783-16050833	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_62400	HLQQLTESGQQVGPEER	AGAP005471-PA	-	144	6.83E-14	1	1935.953	0.43	Visceras	2L:+:16055224-16055274	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_62437	LVIDNVLPGDSGCYK	AGAP005471-PA	C13(Carbamidomethyl)	64	6.65E-06	1	1649.824	1.9	Head	2L:+:16049524-16049568	exon=> In CDS Exon 23 of transcript AGAP005471-PA
JHU_Ag_63345	KTQAFFDGEINEPDPDFSIAAAHR	AGAP005471-PA	-	50	0.000133143	3	2676.275	2.17	Visceras	2L:+:16039811-16039882	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_63515	SVIQFHPATHNDVGVYK	AGAP005471-PA	-	107	2.71E-10	1	1911.972	0.2	Visceras	2L:+:16054783-16054833	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_63516	EKPQTIAIR	AGAP005471-PA	-	62	3.28E-06	1	1055.620	-1.2	Visceras	2L:+:16054627-16054653	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_63552	SVIQFHPATHNDVGVYK	AGAP005471-PA	-	103	6.63E-10	1	1911.971	-0.12	Head	2L:+:16054783-16054833	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_64139	DLQQVVDNYLK	AGAP005471-PA	-	80	1.89E-07	1	1334.697	1.11	Pupa	2L:+:16024778-16024810	exon=> In CDS Exon 4 of transcript AGAP005471-PA
JHU_Ag_64150	MIFYEPDTCVLLLTDAIK	AGAP005471-PA	C9(Carbamidomethyl),"M1(Oxidation), C9(Carbamidomethyl)"	93	7.06E-09	1	2142.088	1.03	Visceras	2L:+:16052913-16052966	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_64620	VYQDFYDLGDEIGR	AGAP005471-PA	-	120	1.30E-11	2	1689.777	1.02	Visceras	2L:+:16053111-16053152	exon=> In CDS Exon 26 of transcript AGAP005471-PA

JHU_Ag_65002	VVIIAEDGR	AGAP005471-PA	-	51	9.45E-05	2	971.552	-0.35	Pupa	2L:+:16043731-16043757	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_65074	EGEPNQIICYAVGDPKPSVTWFR	AGAP005471-PA	C9(Carbamidomethyl)	113	7.57E-11	1	2663.303	3.95	Visceras	2L:+:16054654-16054722	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_65517	EPDSLTVHDWADVYNK	AGAP005471-PA	-	43	0.000764343	2	1888.876	2.33	Pupa	2L:+:16048973-16049020	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_65735	GINFINQPDGLVGFIIDR	AGAP005471-PA	-	82	5.11E-08	1	1988.071	5.53	Pupa	2L:+:16049850-16049903	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_66176	LIVDDVQEEDLGR	AGAP005471-PA	-	117	2.93E-11	2	1500.758	2.42	Visceras	2L:+:16051148-16051186	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_67692	SGDVTTQCGVAITPK	AGAP005471-PA	C8(Carbamidomethyl)	88	3.03E-08	2	1533.759	0.75	Visceras	2L:+:16049587-16049626,16049701-16049705	exon=> In CDS Exon 23 and 24 of transcript AGAP005471-PA
JHU_Ag_68271	DALNHSWFDVIYR	AGAP005471-PA	-	82	1.15E-07	1	1635.793	0.8	Visceras	2L:+:16053867-16053905	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_68443	LDVLLKPEIENFR	AGAP005471-PA	-	67	1.29E-06	1	1585.897	1.06	Pupa	2L:+:16048495-16048533	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_69027	FTHNGTLVAGDRYR	AGAP005471-PA	-	48	0.000246348	1	1606.808	-0.55	Visceras	2L:+:16050105-16050146	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_69048	QKLEPEPPVFYPYLGPGR	AGAP005471-PA	-	119	1.33E-11	1	2087.099	1.6	Visceras	2L:+:16051598-16051651	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_69707	VVVQGVPRPAIQWLHNGTPLDTQEIDEESQEPK	AGAP005471-PA	-	90	6.16E-09	1	3709.890	2.11	Visceras	2L:+:16049021-16049119	exon=> In CDS Exon 22 of transcript AGAP005471-PA
JHU_Ag_70807	DLLIAHPGSDNLK	AGAP005471-PA	-	76	2.77E-07	1	1392.747	-0.62	Pupa	2L:+:16053501-16053539	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_71517	VIGYPQPAVK	AGAP005471-PA	-	33	0.004418463	1	1071.621	0.84	Visceras	2L:+:16050075-16050104	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_71751	EQDSGIYTAR	AGAP005471-PA	-	34	0.003614099	2	1139.533	-0.02	Head	2L:+:16042013-16042042	exon=> In CDS Exon 11 of transcript AGAP005471-PA
JHU_Ag_71911	VVIIAEDGR	AGAP005471-PA	-	61	9.96E-06	1	971.554	1.54	Visceras	2L:+:16043731-16043757	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_72183	ITEEGEGAFTLALDK	AGAP005471-PA	-	99	1.90E-09	1	1593.809	5.19	Visceras	2L:+:16050147-16050191	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_72542	NGQATLFINR	AGAP005471-PA	N1(Deamidated),Q3(Deamidated)	72	9.77E-07	2	1134.590	-0.31	Visceras	2L:+:16051895-16051924	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_72604	LDVLLKPEIENFR	AGAP005471-PA	-	60	5.50E-06	1	1585.899	2.33	Head	2L:+:16048495-16048533	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_73161	LHDAYDINR	AGAP005471-PA	-	56	3.01E-05	1	1116.544	0.2	Visceras	2L:+:16053303-16053329	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_73427	YGTDDSITVTR	AGAP005471-PA	-	58	1.87E-05	2	1227.586	1.03	Head	2L:+:16054498-16054530	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_73431	SVIQFHPATHNDVGVYK	AGAP005471-PA	-	110	1.34E-10	1	1911.972	0.26	Pupa	2L:+:16054783-16054833	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_73506	TFEEYQIGTDR	AGAP005471-PA	-	53	4.48E-05	2	1358.624	1.28	Head	2L:+:16053909-16053941	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_73784	LVDFGSAQYVSK	AGAP005471-PA	-	79	1.57E-07	2	1313.678	2.97	Pupa	2L:+:16055767-16055802	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_74127	VCLELGEYPR	AGAP005471-PA	C2(Carbamidomethyl)	39	0.002097388	2	1235.608	-0.59	Head	2L:+:16051994-16052023	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_74849	DWYTNASCR	AGAP005471-PA	C8(Carbamidomethyl)	60	2.49E-06	1	1172.478	-1.07	Visceras	2L:+:16053969-16053995	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_75246	DVGVYEAVATNEHGSVR	AGAP005471-PA	-	102	8.69E-10	1	1802.867	0.08	Head	2L:+:16051937-16051987	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_75525	DFRPDTSAHYPR	AGAP005471-PA	-	60	1.52E-05	1	1461.685	-1.33	Visceras	2L:+:16051652-16051687	exon=> In CDS Exon 25 of transcript AGAP005471-PA

JHU_Ag_76099	GINFINQPDGLVGFIIDR	AGAP005471-PA	-	64	2.77E-06	1	1988.073	6.27	Head	2L:+:16049850-16049903	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_76144	DRADIGYYELIIPEVHK	AGAP005471-PA	-	47	0.000260922	1	2031.057	1.21	Head	2L:+:16042551-16042601	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_76618	LVIDNVLPGDSGCYK	AGAP005471-PA	C13(Carbamidomethyl)	76	4.05E-07	2	1649.823	1.75	Visceras	2L:+:16049524-16049568	exon=> In CDS Exon 23 of transcript AGAP005471-PA
JHU_Ag_77096	ITYGHDGICR	AGAP005471-PA	C9(Carbamidomethyl)	54	5.92E-05	1	1191.554	-3.19	Head	2L:+:16049494-16049523	exon=> In CDS Exon 23 of transcript AGAP005471-PA
JHU_Ag_77455	VCLELGEYPR	AGAP005471-PA	C2(Carbamidomethyl)	63	9.25E-06	1	1235.610	0.59	Visceras	2L:+:16051994-16052023	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_77484	SPSLVSDSNYDGSLPIIR	AGAP005471-PA	-	92	9.37E-09	2	1919.971	0.14	Male reproductive organs	2L:+:16054296-16054334,16054414-16054428	exon=> In CDS Exon 26 and 27 of transcript AGAP005471-PA
JHU_Ag_78239	LEPEPPVFYPYLGPGR	AGAP005471-PA	-	58	2.17E-05	2	1830.949	3.66	Visceras	2L:+:16051604-16051651	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_78556	RDEPTPPSFMK	AGAP005471-PA	M10(Oxidation)	55	4.21E-05	2	1320.619	-4.93	Head	2L:+:16050956-16050988	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_78816	HEGTIIEPGGR	AGAP005471-PA	-	69	1.94E-06	1	1165.595	-1.32	Head	2L:+:16043058-16043090	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_78828	MTDRDVGVYEAVATNEHGSVR	AGAP005471-PA	-	117	2.78E-11	1	2306.087	1.62	Visceras	2L:+:16051925-16051987	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_79069	NGQATLFINR	AGAP005471-PA	N1(Deamidated)	67	2.92E-06	2	1134.592	1.19	Pupa	2L:+:16051895-16051924	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_79437	ADIGYYELIIPEVHK	AGAP005471-PA	-	72	6.92E-07	1	1759.931	2.56	Visceras	2L:+:16042557-16042601	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_79441	HYDTGDYTFQAK	AGAP005471-PA	-	88	8.70E-09	1	1445.632	-0.5	Pupa	2L:+:16048426-16048461	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_79669	DWQPIHESSR	AGAP005471-PA	-	58	2.12E-05	1	1254.587	0.69	Visceras	2L:+:16052126-16052155	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_79673	LDVVTR	AGAP005471-PA	-	42	0.001111722	2	702.413	-1.6	Pupa	2L:+:16050861-16050878	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_80148	ELAAIETR	AGAP005471-PA	-	49	0.000281072	2	902.494	0.3	Visceras	2L:+:16041026-16041049	exon=> In CDS Exon 10 of transcript AGAP005471-PA
JHU_Ag_80256	WSIEGNYNEK	AGAP005471-PA	-	63	5.81E-06	1	1239.565	0.34	Visceras	2L:+:16055317-16055346	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_80537	LQGADVLTYLSSR	AGAP005471-PA	-	103	6.23E-10	1	1422.761	1.85	Visceras	2L:+:16055584-16055622	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_80563	DNHPDYETASFK	AGAP005471-PA	-	35	0.002099301	2	1423.613	0.33	Head	2L:+:16054155-16054190	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_82151	AEQGEFDSIVIPEPEEDKRPR	AGAP005471-PA	-	135	4.82E-13	1	2441.196	0.62	Visceras	2L:+:16039958-16040020	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_82168	AVNNLGEAICHANLK	AGAP005471-PA	C10(Carbamidomethyl)	98	2.45E-09	1	1623.828	0.66	Visceras	2L:+:16051199-16051243	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_82470	ITYGHDGICR	AGAP005471-PA	C9(Carbamidomethyl)	64	6.18E-06	1	1191.558	-0.01	Visceras	2L:+:16049494-16049523	exon=> In CDS Exon 23 of transcript AGAP005471-PA
JHU_Ag_82526	FLTAENYYIIK	AGAP005471-PA	-	33	0.007740352	1	1374.732	1.32	Head	2L:+:16043376-16043408	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_83101	ITGVPFPDIK	AGAP005471-PA	-	53	6.55E-05	1	1086.622	1.91	Visceras	2L:+:16052087-16052116	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_83198	AVNSMGTATTK	AGAP005471-PA	-	51	0.000142289	1	1080.530	-4.85	Visceras	2L:+:16044388-16044420	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_83300	LDYSYEK	AGAP005471-PA	-	42	0.000457332	1	917.424	-0.74	Visceras	2L:+:16055284-16055304	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_83418	GLQNISVHK	AGAP005471-PA	-	31	0.005025508	1	995.562	-1.61	Visceras	2L:+:16048222-16048248	exon=> In CDS Exon 20 of transcript AGAP005471-PA

JHU_Ag_83961	MSIEVNAVPAATVR	AGAP005471-PA	M1(Oxidation)	73	8.13E-07	2	1457.778	0.23	Visceras	2L:+:16043289-16043330	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_84113	YSIVVK	AGAP005471-PA	-	37	0.000121036	2	708.429	-0.7	Visceras	2L:+:16055380-16055397	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_84303	SDGNSQVICYSLEQK	AGAP005471-PA	C9(Carbamidomethyl)	77	2.78E-07	2	1727.795	2.56	Head	2L:+:16054972-16055016	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_84311	LIVDDVQEEDLGR	AGAP005471-PA	-	102	1.03E-09	2	1500.755	0.46	Head	2L:+:16051148-16051186	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_85785	FLTAENYYIIK	AGAP005471-PA	-	72	1.09E-06	1	1374.733	1.67	Pupa	2L:+:16043376-16043408	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_86071	LGTNVTR	AGAP005471-PA	-	50	0.000161635	2	760.431	0.31	Visceras	2L:+:16055803-16055823	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_87071	LVIDNVLPGDSGCYK	AGAP005471-PA	C13(Carbamidomethyl)	67	3.18E-06	1	1649.827	3.97	Pupa	2L:+:16049524-16049568	exon=> In CDS Exon 23 of transcript AGAP005471-PA
JHU_Ag_87156	DVGVYEAVATNEHGSVR	AGAP005471-PA	-	111	1.09E-10	1	1802.867	0.35	Visceras	2L:+:16051937-16051987	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_88791	AESNPAPIVR	AGAP005471-PA	-	47	0.000153638	2	1053.569	0.33	Head	2L:+:16043659-16043688	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_88925	GTQGITYHATDR	AGAP005471-PA	-	85	4.96E-08	1	1319.635	1.07	Visceras	2L:+:16053153-16053188	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_89590	LVDFGSAQYVSK	AGAP005471-PA	-	66	2.71E-06	2	1313.674	0.27	Male reproductive organs	2L:+:16055767-16055802	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_89685	VFQKPNFVYPFSDMQQLPGLEAK	AGAP005471-PA	M14(Oxidation)	72	7.35E-07	1	2699.371	6.2	Visceras	2L:+:16050588-16050656	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_91249	VVIIAEDGR	AGAP005471-PA	-	42	0.00075089	1	971.552	0.22	Male reproductive organs	2L:+:16043731-16043757	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_91441	GADSGDYEVR	AGAP005471-PA	-	79	6.65E-08	2	1068.458	-1.5	Visceras	2L:+:16044358-16044387	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_92210	VYQDFYDLGDEIGR	AGAP005471-PA	-	42	0.000730076	2	1689.777	0.94	Male reproductive organs	2L:+:16053111-16053152	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_92660	LVDFGSAQYVSK	AGAP005471-PA	-	101	9.16E-10	1	1313.674	0.36	Visceras	2L:+:16055767-16055802	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_92987	LIVDDVQEEDLGR	AGAP005471-PA	-	61	1.38E-05	2	1500.754	0.22	Ovary	2L:+:16051148-16051186	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_93060	IHAANRDDTALYTADIINDYGTVTEK	AGAP005471-PA	-	155	4.61E-15	1	2880.405	1.22	Visceras	2L:+:16043770-16043847	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_93100	TEIKELEYNLK	AGAP005471-PA	-	56	2.13E-05	2	1379.743	1.17	Visceras	2L:+:16048357-16048389	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_93101	TITTLEPGAPK	AGAP005471-PA	-	44	0.000327954	2	1127.631	0.27	Male reproductive organs	2L:+:16055167-16055199	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_93135	GKKPQFVSELMNANIVEGFPIK	AGAP005471-PA	-	45	0.000239599	1	2446.310	-2.44	Visceras	2L:+:16049997-16050062	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_93385	DHKDDIFNNFK	AGAP005471-PA	-	42	0.000850753	2	1392.650	-2.78	Pupa	2L:+:16024853-16024885	exon=> In CDS Exon 4 of transcript AGAP005471-PA
JHU_Ag_93750	DGLNLCNNDNCDVIADIEK	AGAP005471-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)	132	5.03E-13	1	2191.964	2	Head	2L:+:16048618-16048674	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_94031	IRVENLYGVSDPSPYVQTYR	AGAP005471-PA	-	45	0.00039538	1	2356.192	-0.69	Male reproductive organs	2L:+:16051538-16051597	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_94297	IRVENLYGVSDPSPYVQTYR	AGAP005471-PA	-	82	7.74E-08	1	2356.202	3.58	Malpighian tubule	2L:+:16051538-16051597	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_94400	DSNEIKADDHVK	AGAP005471-PA	-	55	3.88E-05	1	1370.654	-0.32	Pupa	2L:+:16049384-16049412,16049487-16049493	exon=> In CDS Exon 22 and 23 of transcript AGAP005471-PA
JHU_Ag_94480	TITTLEPGAPK	AGAP005471-PA	-	52	5.07E-05	2	1127.630	-0.59	Visceras	2L:+:16055167-16055199	exon=> In CDS Exon 27 of transcript AGAP005471-PA

JHU_Ag_94748	FAGNPAPEVIWTK	AGAP005471-PA	-	107	2.41E-10	1	1429.752	2.98	Visceras	2L:+:16050381-16050419	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_95301	ITDSGTTYKIENR	AGAP005471-PA	-	100	1.31E-09	1	1497.753	-0.88	Pupa	2L:+:16047899-16047913,16047989-16048012	exon=> In CDS Exon 18 and 19 of transcript AGAP005471-PA
JHU_Ag_95891	GICHLDLQPDNIVMASVR	AGAP005471-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M14(Oxidation)"	107	2.83E-10	1	2038.025	1.79	Visceras	2L:+:16055698-16055751	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_96307	GLQNISVHK	AGAP005471-PA	-	45	0.000193277	2	995.558	-5.16	Head	2L:+:16048222-16048248	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_96484	FTNELGTDETSAMTTVQCSPK	AGAP005471-PA	M13(Oxidation), C18(Carbamidomethyl)	114	4.22E-11	2	2333.031	1.62	Head	2L:+:16044100-16044162	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_96589	FTHNGTLVAGDR	AGAP005471-PA	N4(Deamidated)	37	0.002817901	2	1288.627	-0.47	Pupa	2L:+:16050105-16050140	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_96827	LNDMTLLDGMK	AGAP005471-PA	M4(Oxidation)	57	3.02E-05	2	1250.612	0.09	Visceras	2L:+:16050992-16051024	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_97354	KADETVLYAEDTIVK	AGAP005471-PA	-	132	6.79E-13	1	1694.884	-0.63	Visceras	2L:+:16039913-16039957	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_97372	EITYTLHIDQAR	AGAP005471-PA	-	73	8.44E-07	2	1459.754	0.13	Visceras	2L:+:16048390-16048425	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_97398	LIVDDVQEEDLGR	AGAP005471-PA	-	60	1.56E-05	2	1500.759	3.56	Malpighian tubule	2L:+:16051148-16051186	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_97774	NLVQSVLETSTEPR	AGAP005471-PA	N1(Deamidated)	36	0.004268552	1	1573.824	11.06	Pupa	2L:+:16039367-16039408	exon=> In CDS Exon 9 of transcript AGAP005471-PA
JHU_Ag_97999	NKVYQDFYDLGDEIGR	AGAP005471-PA	-	110	1.58E-10	2	1931.915	0.78	Pupa	2L:+:16053105-16053152	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_98514	IHAANRDDTALYTADIINDYGTVTEK	AGAP005471-PA	-	75	4.72E-07	3	2880.399	-0.81	Head	2L:+:16043770-16043847	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_99009	HQAQAPEFLR	AGAP005471-PA	-	52	7.02E-05	1	1196.615	-2.06	Head	2L:+:16051718-16051747	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_100661	SESHYQYGPDTYLLQLR	AGAP005471-PA	-	116	4.04E-11	1	2069.994	0.59	Visceras	2L:+:16054191-16054241	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_100790	IRVENLYGVSDPSPYVQTYR	AGAP005471-PA	-	126	3.52E-12	1	2356.196	1.33	Visceras	2L:+:16051538-16051597	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_100846	DALNHSWFDVIYR	AGAP005471-PA	-	83	1.00E-07	1	1635.791	-0.32	Pupa	2L:+:16053867-16053905	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_101031	FLMLIFK	AGAP005471-PA	-	27	0.004122707	2	911.546	4.13	Head	2L:+:16056129-16056149	exon=> In CDS Exon 28 of transcript AGAP005471-PA
JHU_Ag_101874	DITADEGKELTFSAR	AGAP005471-PA	-	113	8.76E-11	1	1652.817	2.57	Pupa	2L:+:16050336-16050380	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_102581	VTAEDAGIYTCEVK	AGAP005471-PA	C11(Carbamidomethyl)	89	1.88E-08	2	1555.734	1.86	Pupa	2L:+:16049904-16049945	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_102965	DLLIAHPGSDNLK	AGAP005471-PA	-	81	8.94E-08	1	1392.751	2.01	Head	2L:+:16053501-16053539	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_103650	ADWVDVASNIDHEFFLVHDLRPTVGYQFR	AGAP005471-PA	-	186	3.40E-18	1	3446.700	2.34	Visceras	2L:+:16055029-16055115	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_104180	TFIEEFESDNDSAGGK	AGAP005471-PA	-	57	1.44E-05	2	1745.753	1.48	Male reproductive organs	2L:+:16046306-16046353	exon=> In CDS Exon 17 of transcript AGAP005471-PA
JHU_Ag_104297	SVIQFHPATHNDVGVYK	AGAP005471-PA	-	36	0.00336523	1	1911.972	0.54	Male reproductive organs	2L:+:16054783-16054833	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_104888	HYDTGDYTFQAK	AGAP005471-PA	-	90	6.54E-09	1	1445.631	-1.85	Head	2L:+:16048426-16048461	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_105888	NDMVITDTNR	AGAP005471-PA	-	58	1.59E-05	1	1178.544	-2.72	Visceras	2L:+:16054723-16054752	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_105963	VVIAVIPDAPDAPDAVAVSDTEVLLR	AGAP005471-PA	-	27	0.006030214	3	2645.451	4.25	Head	2L:+:16054879-16054956	exon=> In CDS Exon 27 of transcript AGAP005471-PA

JHU_Ag_106579	LTLSWRPSMTTVPR	AGAP005471-PA	M9(Oxidation)	59	1.40E-05	1	1644.890	0.69	Visceras	2L:+:16051367-16051408	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_108953	SAEAVEREFDVLR	AGAP005471-PA	-	59	2.14E-05	2	1520.775	2.73	Visceras	2L:+:16055461-16055499	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_109082	EQDSGIYTAR	AGAP005471-PA	-	38	0.001703013	2	1139.531	-1.3	Visceras	2L:+:16042013-16042042	exon=> In CDS Exon 11 of transcript AGAP005471-PA
JHU_Ag_109306	VENYTLSLTMVR	AGAP005471-PA	M10(Oxidation)	88	2.05E-08	1	1425.743	1.43	Visceras	2L:+:16044322-16044357	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_109659	HRSPSLVSDSNYDGSLPIIR	AGAP005471-PA	-	94	5.23E-09	1	2213.139	3.54	Ovary	2L:+:16054290-16054334,16054414-16054428	exon=> In CDS Exon 26 and 27 of transcript AGAP005471-PA
JHU_Ag_109974	YSFSYTR	AGAP005471-PA	-	45	0.000319436	1	923.424	-1.38	Visceras	2L:+:16051874-16051894	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_110131	ITGVPFPDIK	AGAP005471-PA	-	44	0.00050922	1	1086.621	1.01	Pupa	2L:+:16052087-16052116	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_110441	SGDVTTQCGVAITPK	AGAP005471-PA	C8(Carbamidomethyl)	44	0.000598649	2	1533.760	1.23	Pupa	2L:+:16049587-16049626,16049701-16049705	exon=> In CDS Exon 23 and 24 of transcript AGAP005471-PA
JHU_Ag_111008	VQWYIDDVEITESR	AGAP005471-PA	-	98	2.89E-09	1	1752.849	2.9	Pupa	2L:+:16043968-16044009	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_111221	IHAANRDDTALYTADIINDYGTVTEK	AGAP005471-PA	-	98	2.19E-09	1	2880.415	4.72	Midgut	2L:+:16043770-16043847	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_111486	LDVLLKPEIENFR	AGAP005471-PA	-	63	3.39E-06	1	1585.900	3.02	Visceras	2L:+:16048495-16048533	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_112016	LVDFGSAQYVSK	AGAP005471-PA	-	64	5.07E-06	2	1313.678	3.06	Head	2L:+:16055767-16055802	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_112345	YPVTYQLEMIELPDGEWHTTR	AGAP005471-PA	M9(Oxidation)	157	2.72E-15	1	2594.233	3.66	Visceras	2L:+:16051409-16051471	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_112501	KPQFVSELMNANIVEGFPIK	AGAP005471-PA	M9(Oxidation),N12(Deamidated)	95	2.89E-09	1	2277.198	1.49	Visceras	2L:+:16050003-16050062	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_112921	RPTVEECFDHR	AGAP005471-PA	C7(Carbamidomethyl)	62	6.10E-06	1	1445.659	-0.35	Visceras	2L:+:16056233-16056265	exon=> In CDS Exon 29 of transcript AGAP005471-PA
JHU_Ag_113727	LYTLDYGMPEFVAPEVINR	AGAP005471-PA	M8(Oxidation)	74	7.17E-07	2	2243.107	0.82	Head	2L:+:16053582-16053638	exon=> In CDS Exon 26 of transcript AGAP005471-PA
JHU_Ag_113871	ADIGYYELIIPEVHK	AGAP005471-PA	-	73	6.60E-07	1	1759.930	2.1	Head	2L:+:16042557-16042601	exon=> In CDS Exon 13 of transcript AGAP005471-PA
JHU_Ag_114197	AESNPAPIVR	AGAP005471-PA	-	58	1.40E-05	2	1053.569	-0.25	Pupa	2L:+:16043659-16043688	exon=> In CDS Exon 14 of transcript AGAP005471-PA
JHU_Ag_114226	VTAEDAGIYTCEVK	AGAP005471-PA	C11(Carbamidomethyl)	50	0.000153215	2	1555.733	1.55	Male reproductive organs	2L:+:16049904-16049945	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_114408	ANISFVR	AGAP005471-PA	-	49	0.000180391	2	806.452	-0.38	Visceras	2L:+:16056060-16056080	exon=> In CDS Exon 28 of transcript AGAP005471-PA
JHU_Ag_114485	DITADEGKELTFSAR	AGAP005471-PA	-	44	0.000745246	1	1652.817	2.87	Head	2L:+:16050336-16050380	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_115440	GLTVEPGENAK	AGAP005471-PA	-	65	3.58E-06	2	1114.573	-0.48	Visceras	2L:+:16041134-16041149,16041858-16041874	exon=> In CDS Exon 10 and 11 of transcript AGAP005471-PA
JHU_Ag_115586	DTTVLPFTQGVFQVLVK	AGAP005471-PA	-	98	6.78E-10	1	1892.054	0.73	Visceras	2L:+:16048534-16048584	exon=> In CDS Exon 20 of transcript AGAP005471-PA
JHU_Ag_115667	LIVDDVQEEDLGR	AGAP005471-PA	-	68	2.17E-06	2	1500.754	-0.27	Pupa	2L:+:16051148-16051186	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_116090	ANISFVR	AGAP005471-PA	-	45	0.000464746	2	806.452	0.3	Pupa	2L:+:16056060-16056080	exon=> In CDS Exon 28 of transcript AGAP005471-PA
JHU_Ag_116250	APNKRPTVEECFDHR	AGAP005471-PA	C11(Carbamidomethyl)	60	1.75E-05	1	1855.887	0	Visceras	2L:+:16056153-16056160,16056229-16056265	exon=> In CDS Exon 28 and 29 of transcript AGAP005471-PA

JHU_Ag_116802	HQAQAPEFLR	AGAP005471-PA	-	35	0.003610574	1	1196.616	-1.24	Pupa	2L:+:16051718-16051747	exon=> In CDS Exon 25 of transcript AGAP005471-PA
JHU_Ag_117488	FTHNGTLVAGDR	AGAP005471-PA	-	82	8.79E-08	1	1287.643	-0.66	Visceras	2L:+:16050105-16050140	exon=> In CDS Exon 24 of transcript AGAP005471-PA
JHU_Ag_117692	HLQQLTESGQQVGPEER	AGAP005471-PA	Q3(Deamidated)	140	1.85E-13	1	1935.943	-4.8	Head	2L:+:16055224-16055274	exon=> In CDS Exon 27 of transcript AGAP005471-PA
JHU_Ag_74876	ICDFGLAR	AGAP005471-PA,AGAP008813-PA,AGAP005898-PA,AGAP006510-PA,AGAP009207-PA	C2(Carbamidomethyl)	63	5.75E-06	1	951.472	0.33	Visceras	2L:+:16053540-16053563;3R:-:18184556-18184533;2L:+:23423593-23423616;2L:-:33213086-33213063;3R:-:28699678-28699655	exon=> In CDS Exon 26 of transcript AGAP005471-PA;exon=> In CDS Exon 10 of transcript AGAP008813-PA;exon=> In CDS Exon 5 of transcript AGAP005898-PA;exon=> In CDS Exon 4 of transcript AGAP006510-PA;exon=> In CDS Exon 4 of transcript AGAP009207-PA
JHU_Ag_41434	FAPIVPK	AGAP005472-PA	-	40	0.000765237	1	771.479	3.32	Head	2L:-:16066117-16066097	exon=> In CDS Exon 2 of transcript AGAP005472-PA
JHU_Ag_69718	ENHICDSCGR	AGAP005483-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	25	0.001686437	1	1247.479	-7.96	Midgut	2L:-:16087021-16086992	exon=> In CDS Exon 2 of transcript AGAP005483-PA
JHU_Ag_92578	QLYLK	AGAP005483-PA,AGAP005484-PA,AGAP011897-PA	Q1(Deamidated)	31	0.005633441	1	665.389	2.53	Larva	2L:-:16086712-16086698;2L:-:16129431-16129417;3L:-:34684134-34684120	exon=> In CDS Exon 2 of transcript AGAP005483-PA;exon=> In CDS Exon 2 of transcript AGAP005484-PA;exon=> In CDS Exon 1 of transcript AGAP011897-PA
JHU_Ag_58776	RFESVAQSLSAR	AGAP005486-PA	-	76	3.24E-07	1	1350.713	0.32	Head	2L:-:16132711-16132676	exon=> In CDS Exon 2 of transcript AGAP005486-PA
JHU_Ag_65516	RFESVAQSLSAR	AGAP005486-PA	-	62	7.82E-06	1	1350.712	-0.13	Midgut	2L:-:16132711-16132676	exon=> In CDS Exon 2 of transcript AGAP005486-PA
JHU_Ag_58386	VFTYLIGR	AGAP005490-PA	-	60	4.66E-06	2	968.557	0.35	Visceras	2L:-:16193603-16193580	exon=> In CDS Exon 4 of transcript AGAP005490-PA
JHU_Ag_95094	GSNVASFFTGNNWK	AGAP005490-PA	-	71	1.20E-06	2	1528.721	2.05	Head	2L:-:16188476-16188435	exon=> In CDS Exon 11 of transcript AGAP005490-PA
JHU_Ag_46812	QLQELR	AGAP005496-PA	Q3(Deamidated)	43	0.000916986	2	787.432	1.03	Salivary gland	2L:+:16216003-16216020	exon=> In CDS Exon 2 of transcript AGAP005496-PA
JHU_Ag_26733	LEVSAPPGNVIGTVVQK	AGAP005498-PA,AGAP005498-PB,AGAP005498-PC	-	45	9.69E-05	1	1707.969	2.64	Pupa	2L:-:16236498-16236448;2L:-:16236498-16236448;2L:-:16236498-16236448	exon=> In CDS Exon 3 of transcript AGAP005498-PA;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 2 of transcript AGAP005498-PC
JHU_Ag_3525	DRNNETVLTIR	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	-	37	0.002850867	1	1330.712	3.14	Larva	2L:-:16236414-16236382;2L:-:16236414-16236382;2L:-:16236414-16236382	exon=> In CDS Exon 2 of transcript AGAP005498-PC;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 3 of transcript AGAP005498-PA
JHU_Ag_7159	VYWAVEDTTCCTR	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	C10(Carbamidomethyl), C11(Carbamidomethyl)	89	7.14E-09	1	1660.717	4.3	Larva	2L:-:16236660-16236622;2L:-:16236660-16236622;2L:-:16236660-16236622	exon=> In CDS Exon 2 of transcript AGAP005498-PC;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 3 of transcript AGAP005498-PA

JHU_Ag_11075	MCCGPDRPFDIK	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	M1(Oxidation), C2(Carbamidomethyl), C3(Carbamidomethyl)	41	0.000454389	1	1511.648	2.45	Larva	2L:-:16236621-16236586;2L:-:16236621-16236586;2L:-:16236621-16236586	exon=> In CDS Exon 2 of transcript AGAP005498-PC;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 3 of transcript AGAP005498-PA
JHU_Ag_26418	FAVFTK	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	-	32	0.003742726	1	712.405	3.44	Larva	2L:-:16236345-16236827,16236103-16236250;2L:-:16236345-16236819,16236103-16236250;2L:-:16236345-16236827,16236103-16236250	exon=> In CDS Exon 3 and 2 of transcript AGAP005498-PC;exon=> In CDS Exon 2 and 1 of transcript AGAP005498-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP005498-PA
JHU_Ag_46310	NNETVLTIR	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	-	57	3.10E-05	2	1059.581	1.78	Larva	2L:-:16236408-16236382;2L:-:16236408-16236382;2L:-:16236408-16236382	exon=> In CDS Exon 2 of transcript AGAP005498-PC;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 3 of transcript AGAP005498-PA
JHU_Ag_89668	IMDNFQNEVLHLR	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	M2(Oxidation)	98	2.18E-09	1	1644.824	4.52	Larva	2L:-:16236585-16236547;2L:-:16236585-16236547;2L:-:16236585-16236547	exon=> In CDS Exon 2 of transcript AGAP005498-PC;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 3 of transcript AGAP005498-PA
JHU_Ag_102691	GPVCQCPCSDIK	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C8(Carbamidomethyl)	58	7.33E-06	1	1420.606	2.59	Larva	2L:-:16236381-16236346;2L:-:16236381-16236346;2L:-:16236381-16236346	exon=> In CDS Exon 2 of transcript AGAP005498-PC;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 3 of transcript AGAP005498-PA
JHU_Ag_105508	LEVSAPPGNVIGTVVQK	AGAP005498-PC,AGAP005498-PB,AGAP005498-PA	-	70	3.10E-07	2	1707.973	5.21	Larva	2L:-:16236498-16236448;2L:-:16236498-16236448;2L:-:16236498-16236448	exon=> In CDS Exon 2 of transcript AGAP005498-PC;exon=> In CDS Exon 1 of transcript AGAP005498-PB;exon=> In CDS Exon 3 of transcript AGAP005498-PA
JHU_Ag_5898	LTCTLLTAGNGADLR	AGAP005499-PA	C3(Carbamidomethyl)	72	8.91E-07	1	1575.817	0.37	Head	2L:-:16239481-16239437	exon=> In CDS Exon 1 of transcript AGAP005499-PA
JHU_Ag_7715	VAIVTGASSGIGATAVK	AGAP005499-PA	-	41	0.000311935	2	1501.860	1.01	Visceras	2L:-:16239748-16239698	exon=> In CDS Exon 1 of transcript AGAP005499-PA
JHU_Ag_17104	VKVTSISPGIVR	AGAP005499-PA	-	33	0.000822871	1	1255.775	1.21	Malpighian tubule	2L:-:16239214-16239769,16238936-16239086	exon=> In CDS Exon 2 and 1 of transcript AGAP005499-PA
JHU_Ag_53383	YIGFPNLNIYGASK	AGAP005499-PA	-	40	0.001501547	1	1556.814	2.14	Midgut	2L:-:16239316-16239275	exon=> In CDS Exon 1 of transcript AGAP005499-PA
JHU_Ag_68373	SIDGHIVNINSILGHK	AGAP005499-PA	-	54	3.16E-05	1	1716.939	-0.34	Head	2L:-:16239364-16239317	exon=> In CDS Exon 1 of transcript AGAP005499-PA
JHU_Ag_72375	YAVTAITETLR	AGAP005499-PA	-	58	1.17E-05	2	1237.680	0.72	Head	2L:-:16239274-16239242	exon=> In CDS Exon 1 of transcript AGAP005499-PA
JHU_Ag_88631	YAVTAITETLR	AGAP005499-PA	-	62	5.27E-06	2	1237.678	-0.56	Midgut	2L:-:16239274-16239242	exon=> In CDS Exon 1 of transcript AGAP005499-PA
JHU_Ag_94489	VAIVTGASSGIGATAVK	AGAP005499-PA	-	117	9.93E-12	2	1501.858	-0.05	Head	2L:-:16239748-16239698	exon=> In CDS Exon 1 of transcript AGAP005499-PA

JHU_Ag_102305	VAIVTGASSGIGATAVK	AGAP005499-PA	-	137	8.57E-14	1	1501.859	0.19	Midgut	2L:-:16239748-16239698	exon=> In CDS Exon 1 of transcript AGAP005499-PA
JHU_Ag_28585	DVIDTNLVGLALCSR	AGAP005501-PA	N6(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	73	8.31E-07	1	1645.863	3.39	Midgut	2L:+:16245459-16245503	exon=> In CDS Exon 1 of transcript AGAP005501-PA
JHU_Ag_56803	DVIDTNLVGLALCSR	AGAP005501-PA	C13(Carbamidomethyl)	53	8.63E-05	2	1645.862	2.5	Head	2L:+:16245459-16245503	exon=> In CDS Exon 1 of transcript AGAP005501-PA
JHU_Ag_81690	VAIVTGASSGIGAATVK	AGAP005501-PA	-	94	1.44E-09	2	1501.860	1.01	Head	2L:+:16245147-16245197	exon=> In CDS Exon 1 of transcript AGAP005501-PA
JHU_Ag_7347	VAIVTGASSGIGAVTVK	AGAP005502-PA	-	79	3.15E-08	2	1529.892	1.43	Male reproductive organs	2L:+:16247251-16247301	exon=> In CDS Exon 1 of transcript AGAP005502-PA
JHU_Ag_13261	VQIHELTIKPVGEK	AGAP005502-PA	-	39	0.000205173	2	1590.928	3.91	Malpighian tubule	2L:+:16249242-16249283	exon=> In CDS Exon 2 of transcript AGAP005502-PA
JHU_Ag_25712	SVDGHIVHINSILGHTVATTGK	AGAP005502-PA	-	158	1.04E-15	1	2256.213	1.48	Malpighian tubule	2L:+:16247635-16247700	exon=> In CDS Exon 1 of transcript AGAP005502-PA
JHU_Ag_53888	AVSVLDAGNTQVIR	AGAP005502-PA	-	81	5.99E-08	2	1442.796	-0.12	Midgut	2L:+:16247521-16247562	exon=> In CDS Exon 1 of transcript AGAP005502-PA
JHU_Ag_75263	ALANAGMITFGLAR	AGAP005502-PA	-	43	0.000615434	2	1405.761	-0.51	Midgut	2L:+:16247302-16247343	exon=> In CDS Exon 1 of transcript AGAP005502-PA
JHU_Ag_91281	AVSVLDAGNTQVIR	AGAP005502-PA	-	47	0.000155166	2	1442.797	0.22	Male reproductive organs	2L:+:16247521-16247562	exon=> In CDS Exon 1 of transcript AGAP005502-PA
JHU_Ag_109211	AVSVLDAGNTQVIR	AGAP005502-PA	-	44	0.000304752	2	1442.799	2	Malpighian tubule	2L:+:16247521-16247562	exon=> In CDS Exon 1 of transcript AGAP005502-PA
JHU_Ag_1849	ILDTYQNEVLHFNRPLR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	-	77	1.58E-07	1	2128.140	4.58	Larva	2L:-:16260562-16260512;2L:-:16260562-16260512;2L:-:16260562-16260512	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_10240	ILDTYQNEVLHFNRPLR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	-	40	0.000790821	1	2128.137	3.29	Salivary gland	2L:-:16260562-16260512;2L:-:16260562-16260512;2L:-:16260562-16260512	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_12378	SGNKEQDRPGMF	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	M11(Oxidation)	75	2.79E-07	1	1381.615	-1.19	Midgut	2L:-:16259998-16259963;2L:-:16259998-16259963;2L:-:16259998-16259963	exon=> In CDS Exon 5 of transcript AGAP005504-PC;exon=> In CDS Exon 6 of transcript AGAP005504-PB;exon=> In CDS Exon 4 of transcript AGAP005504-PA
JHU_Ag_56062	ILDTYQNEVLHFNRPLR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	-	81	6.73E-08	1	2128.137	3.12	Malpighian tubule	2L:-:16260562-16260512;2L:-:16260562-16260512;2L:-:16260562-16260512	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_59529	EMFTDADHFGINFPMDLDVR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	M2(Oxidation), M15(Oxidation)	50	7.20E-05	1	2402.052	3.65	Larva	2L:-:16260183-16260124;2L:-:16260183-16260124;2L:-:16260183-16260124	exon=> In CDS Exon 4 of transcript AGAP005504-PC;exon=> In CDS Exon 5 of transcript AGAP005504-PB;exon=> In CDS Exon 3 of transcript AGAP005504-PA

JHU_Ag_78273	VELLEAFTGFETANK	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	-	118	2.62E-11	1	1668.847	-0.62	Ovary	2L:-:16260712-16260668;2L:-:16260712-16260668;2L:-:16260712-16260668	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_84172	ILDTYQNEVLHFNRPLR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	-	46	0.000227959	1	2128.135	2.52	Head	2L:-:16260562-16260512;2L:-:16260562-16260512;2L:-:16260562-16260512	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_84467	VYWAMEDTGCCNR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	M5(Oxidation), C10(Carbamidomethyl), C11(Carbamidomethyl),"C10(Carbamidomethyl), C11(Carbamidomethyl)"	100	9.50E-11	2	1677.645	-0.11	Midgut	2L:-:16260637-16260599;2L:-:16260637-16260599;2L:-:16260637-16260599	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_85610	ILDTYQNEVLHFNRPLR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	-	68	1.42E-06	1	2128.128	-1.07	Ovary	2L:-:16260562-16260512;2L:-:16260562-16260512;2L:-:16260562-16260512	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_87175	ILDTYQNEVLHFNRPLR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	N7(Deamidated)	105	3.02E-10	1	2128.129	-0.24	Midgut	2L:-:16260562-16260512;2L:-:16260562-16260512;2L:-:16260562-16260512	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_88154	VELLEAFTGFETANK	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	-	101	1.22E-09	1	1668.851	1.5	Midgut	2L:-:16260712-16260668;2L:-:16260712-16260668;2L:-:16260712-16260668	exon=> In CDS Exon 3 of transcript AGAP005504-PC;exon=> In CDS Exon 4 of transcript AGAP005504-PB;exon=> In CDS Exon 2 of transcript AGAP005504-PA
JHU_Ag_112775	EMFTDADHFGINFPMDLDVR	AGAP005504-PC,AGAP005504-PB,AGAP005504-PA	M2(Oxidation),M15(Oxidation),"M2(Oxidation), M15(Oxidation)"	90	9.18E-09	1	2386.048	-0.04	Midgut	2L:-:16260183-16260124;2L:-:16260183-16260124;2L:-:16260183-16260124	exon=> In CDS Exon 4 of transcript AGAP005504-PC;exon=> In CDS Exon 5 of transcript AGAP005504-PB;exon=> In CDS Exon 3 of transcript AGAP005504-PA
JHU_Ag_73663	FGDLIDVYLLPNK	AGAP005505-PA	-	48	0.000142503	1	1506.822	0.92	Ovary	2L:-:16288680-16288642	exon=> In CDS Exon 5 of transcript AGAP005505-PA
JHU_Ag_22132	SAPDGLAPGAAAGGEPGADGIVGGPR	AGAP005507-PB	N-Term(Acetyl)	37	0.003124956	1	2259.098	-1.15	Head	2L:+:16374294-16374371	exon=> In CDS Exon 2 of transcript AGAP005507-PB
JHU_Ag_9782	ADALQQGASQFEQQAGK	AGAP005507-PB,AGAP005507-PC	-	92	1.20E-08	2	1776.856	2.77	Visceras	2L:+:16374578-16374628;2L:+:16374578-16374628	exon=> In CDS Exon 3 of transcript AGAP005507-PB;exon=> In CDS Exon 3 of transcript AGAP005507-PC
JHU_Ag_21449	ADALQQGASQFEQQAGK	AGAP005507-PB,AGAP005507-PC	Q10(Deamidated),Q5(Deamidated),Q13(Deamidated),Q14(Deamidated)	178	2.87E-17	1	1776.856	2.57	Head	2L:+:16374578-16374628;2L:+:16374578-16374628	exon=> In CDS Exon 3 of transcript AGAP005507-PB;exon=> In CDS Exon 3 of transcript AGAP005507-PC

JHU_Ag_28135	TPQQIAAQK	AGAP005507-PB,AGAP005507-PC	-	66	1.73E-06	2	984.546	-1.08	Head	2L:+:16374372-16374398;2L:+:16374372-16374398	exon=> In CDS Exon 2 of transcript AGAP005507-PB;exon=> In CDS Exon 2 of transcript AGAP005507-PC
JHU_Ag_31038	LSELDDRADALQQGASQFEQQAGK	AGAP005507-PB,AGAP005507-PC	-	139	1.78E-13	1	2605.251	0.89	Visceras	2L:+:16374557-16374628;2L:+:16374557-16374628	exon=> In CDS Exon 3 of transcript AGAP005507-PB;exon=> In CDS Exon 3 of transcript AGAP005507-PC
JHU_Ag_65582	RLQQTQAQVDEVVDIMK	AGAP005507-PB,AGAP005507-PC	M16(Oxidation)	55	4.07E-05	3	2001.042	-0.96	Head	2L:+:16374399-16374431,16374503-16374520;2L:+:16374399-16374431,16374503-16374520	exon=> In CDS Exon 2 and 3 of transcript AGAP005507-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005507-PC
JHU_Ag_71703	TPQQIAAQK	AGAP005507-PB,AGAP005507-PC	-	37	0.001445263	2	984.549	1.96	Visceras	2L:+:16374372-16374398;2L:+:16374372-16374398	exon=> In CDS Exon 2 of transcript AGAP005507-PB;exon=> In CDS Exon 2 of transcript AGAP005507-PC
JHU_Ag_84686	LQQTQAQVDEVVDIMK	AGAP005507-PB,AGAP005507-PC	M15(Oxidation)	150	1.40E-14	1	1844.947	2.57	Head	2L:+:16374402-16374431,16374503-16374520;2L:+:16374402-16374431,16374503-16374520	exon=> In CDS Exon 2 and 3 of transcript AGAP005507-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP005507-PC
JHU_Ag_108765	LSELDDR	AGAP005507-PB,AGAP005507-PC	-	55	6.43E-05	2	847.416	0.15	Head	2L:+:16374557-16374577;2L:+:16374557-16374577	exon=> In CDS Exon 3 of transcript AGAP005507-PB;exon=> In CDS Exon 3 of transcript AGAP005507-PC
JHU_Ag_69441	NANPNVPR	AGAP005508-PA,AGAP005508-PB,AGAP005508-PC	N5(Deamidated)	32	0.007959849	2	882.442	-0.61	Head	2L:-:16399934-16399911;2L:-:16399934-16399911;2L:-:16399934-16399911	exon=> In CDS Exon 7 of transcript AGAP005508-PA;exon=> In CDS Exon 7 of transcript AGAP005508-PB;exon=> In CDS Exon 7 of transcript AGAP005508-PC
JHU_Ag_73136	TLQSICSWIIANGPPK	AGAP005509-PA	C6(Carbamidomethyl)	68	1.87E-06	2	1784.947	5.75	Head	2L:+:16484800-16484847	exon=> In CDS Exon 2 of transcript AGAP005509-PA
JHU_Ag_87487	TASSGEVPNIPTIQQTLVEIK	AGAP005509-PA	-	38	0.000861775	1	2225.209	2.85	Head	2L:+:16484848-16484910	exon=> In CDS Exon 2 of transcript AGAP005509-PA
JHU_Ag_97599	VLHIAR	AGAP005509-PA	-	27	0.000911948	1	708.451	-0.12	Male reproductive organs	2L:+:16485004-16485021	exon=> In CDS Exon 2 of transcript AGAP005509-PA
JHU_Ag_39068	NKNPFLLAPSTLTR	AGAP005510-PA	N1(Deamidated), N3(Deamidated)	32	0.006952901	2	1573.853	-3.29	Head	2L:-:16509109-16509068	exon=> In CDS Exon 4 of transcript AGAP005510-PA
JHU_Ag_96865	NKNPFLLAPSTLTR	AGAP005510-PA	N1(Deamidated), N3(Deamidated)	38	0.001805511	2	1573.849	-6.01	Salivary gland	2L:-:16509109-16509068	exon=> In CDS Exon 4 of transcript AGAP005510-PA
JHU_Ag_108548	RLEDSILR	AGAP005510-PA	-	40	0.001615051	1	1001.570	-3.57	Head	2L:-:16509741-16509718	exon=> In CDS Exon 3 of transcript AGAP005510-PA
JHU_Ag_114700	LSGEEQYASAEDSTSNSLK	AGAP005510-PA	-	33	0.005109161	2	2015.905	0.38	Head	2L:-:16491871-16491815	exon=> In CDS Exon 6 of transcript AGAP005510-PA
JHU_Ag_49932	LLLAYNVFQVVVCYFLIRQLVR	AGAP005512-PA	N6(Deamidated), Q9(Deamidated), C13(Carbamidomethyl),"N6(Deamidated), C13(Carbamidomethyl), Q19(Deamidated)"	26	0.004808815	1	2728.534	3.06	Malpighian tubule	2L:+:16517990-16518055	exon=> In CDS Exon 2 of transcript AGAP005512-PA
JHU_Ag_2312	IDAGGVEIQEYFENCIR	AGAP005515-PA	C15(Carbamidomethyl)	47	0.000219233	2	2012.935	-1.65	Pupa	2L:-:16541132-16541271,16540928-16540996	exon=> In CDS Exon 8 and 7 of transcript AGAP005515-PA

JHU_Ag_31199	HVLITGGTGFLGK	AGAP005515-PA	-	56	2.23E-05	2	1299.741	-0.67	Pupa	2L:-:16544760-16544722	exon=> In CDS Exon 1 of transcript AGAP005515-PA
JHU_Ag_42449	CCPEIGQIYLLVR	AGAP005515-PA	C1(Carbamidomethyl), C2(Carbamidomethyl)	50	0.000186516	2	1620.824	-0.11	Pupa	2L:-:16544584-16544546	exon=> In CDS Exon 2 of transcript AGAP005515-PA
JHU_Ag_44848	TIINDEEKVK	AGAP005515-PA	-	42	0.000910613	1	1188.646	-1.1	Pupa	2L:-:16541168-16541139	exon=> In CDS Exon 7 of transcript AGAP005515-PA
JHU_Ag_50807	LLLEKPYPPPADPHK	AGAP005515-PA	-	60	0.000007	1	1714.953	0.24	Pupa	2L:-:16542164-16542120	exon=> In CDS Exon 4 of transcript AGAP005515-PA
JHU_Ag_76619	QRLEDIFANPLFETVK	AGAP005515-PA	-	76	2.55E-07	1	1920.025	1.36	Pupa	2L:-:16544521-16544585,16542291-16542528	exon=> In CDS Exon 3 and 2 of transcript AGAP005515-PA
JHU_Ag_93241	NIYHLVSSAEIK	AGAP005515-PA	-	58	2.65E-05	1	1373.745	1.76	Pupa	2L:-:16541585-16541550	exon=> In CDS Exon 6 of transcript AGAP005515-PA
JHU_Ag_116602	ILGDCPNTYAYTK	AGAP005515-PA	C5(Carbamidomethyl)	39	0.001325408	1	1515.717	1.16	Pupa	2L:-:16541972-16541934	exon=> In CDS Exon 5 of transcript AGAP005515-PA
JHU_Ag_116776	VSWEGIIER	AGAP005515-PA	-	49	0.000285338	1	1088.574	0.67	Pupa	2L:-:16541549-16541523	exon=> In CDS Exon 6 of transcript AGAP005515-PA
JHU_Ag_97763	DKSEPNYTIGGYTVTCR	AGAP005519-PA	C16(Carbamidomethyl)	57	3.54E-05	1	1960.922	7.44	Male reproductive organs	2L:+:16588567-16588617	exon=> In CDS Exon 3 of transcript AGAP005519-PA
JHU_Ag_48816	MDNSPPPPSALNNFR	AGAP005520-PA	N-Term(Acetyl), M1(Oxidation)	80	1.23E-07	2	1714.786	0.37	Male reproductive organs	2L:-:16591582-16591538	exon=> In CDS Exon 1 of transcript AGAP005520-PA
JHU_Ag_12016	LGFIHR	AGAP005521-PA	-	43	0.000239581	2	742.436	-0.41	Visceras	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_23286	LGFIHR	AGAP005521-PA	-	48	6.38E-05	2	742.436	0.74	Malpighian tubule	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_24534	LGFIHR	AGAP005521-PA	-	45	0.000125252	2	742.439	3.86	Midgut	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_32414	LGFIHR	AGAP005521-PA	-	42	0.000283651	2	742.436	0.16	Pupa	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_40117	DIKPDNLLLDAR	AGAP005521-PA	-	59	9.10E-06	1	1382.768	3.15	Head	2L:-:16605054-16605019	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_68559	LGFIHR	AGAP005521-PA	-	35	0.001359731	2	742.435	-0.74	Male reproductive organs	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_70869	LGFIHR	AGAP005521-PA	-	33	0.001931007	2	742.437	1.72	Salivary gland	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_76643	SIDDTSNFDEFPDVALEIPAHPQPEGEVLK	AGAP005521-PA	-	177	2.82E-17	1	3309.588	2.58	Head	2L:-:16604394-16604503,16604150-16604225	exon=> In CDS Exon 4 and 3 of transcript AGAP005521-PA
JHU_Ag_79639	VTLENYYSNLITQHGER	AGAP005521-PA	-	74	6.85E-07	1	2037.006	1.08	Head	2L:-:16605682-16605632	exon=> In CDS Exon 1 of transcript AGAP005521-PA
JHU_Ag_82732	ETLIFPPETPISEEAR	AGAP005521-PA	-	38	0.002058307	1	1828.943	5.46	Head	2L:-:16604664-16604617	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_83191	LGFIHR	AGAP005521-PA	-	45	0.000140105	2	742.435	-0.99	Head	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_100830	ERPAAIPVEVR	AGAP005521-PA	-	41	0.000346788	1	1236.708	1.98	Head	2L:-:16604427-16604395	exon=> In CDS Exon 3 of transcript AGAP005521-PA
JHU_Ag_109284	LGFIHR	AGAP005521-PA	-	41	0.000322689	2	742.436	0.33	Ovary	2L:-:16605072-16605055	exon=> In CDS Exon 2 of transcript AGAP005521-PA
JHU_Ag_15473	VLGFVLLR	AGAP005523-PA	-	56	1.41E-06	2	916.596	-2.35	Male reproductive organs	2L:+:16610259-16610282	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_16109	RVLGFVLLR	AGAP005523-PA	-	42	8.81E-06	1	1072.699	0	Ovary	2L:+:16610256-16610282	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_17603	GGNIVSLTIEGPPPPEEGLPR	AGAP005523-PA	-	64	4.57E-06	2	2129.118	-2.87	Midgut	2L:+:16610283-16610345	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_35611	VPIPGGAGGPGMGR	AGAP005523-PA	M12(Oxidation)	60	1.36E-05	1	1238.632	0.52	Head	2L:+:16610346-16610387	exon=> In CDS Exon 2 of transcript AGAP005523-PA

JHU_Ag_36208	VPIPGGAGGPGMGR	AGAP005523-PA	M12(Oxidation)	81	1.09E-07	1	1238.630	-0.86	Ovary	2L:+:16610346-16610387	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_41091	VPIPGGAGGPGMGR	AGAP005523-PA	M12(Oxidation)	95	4.73E-09	1	1238.633	1.41	Malpighian tubule	2L:+:16610346-16610387	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_42059	GGNIVSLTIEGPPPPEEGLPR	AGAP005523-PA	-	66	2.30E-06	2	2129.127	1.72	Malpighian tubule	2L:+:16610283-16610345	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_62733	MIQLLNYR	AGAP005523-PA	M1(Oxidation)	45	0.000292026	2	1066.571	-0.76	Male reproductive organs	2L:+:16610088-16610111	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_64256	GGNIVSLTIEGPPPPEEGLPR	AGAP005523-PA	-	117	1.71E-11	1	2129.128	1.95	Ovary	2L:+:16610283-16610345	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_78433	VLGFVLLR	AGAP005523-PA	-	16	0.006381753	1	916.602	4.05	Ovary	2L:+:16610259-16610282	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_84830	RVLGFVLLR	AGAP005523-PA	-	35	5.05E-05	1	1072.700	0.46	Male reproductive organs	2L:+:16610256-16610282	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_86815	VLGFVLLR	AGAP005523-PA	-	60	2.85E-07	2	916.597	-0.55	Midgut	2L:+:16610259-16610282	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_93035	MIQLLNYR	AGAP005523-PA	M1(Oxidation)	50	9.32E-05	2	1066.571	-0.76	Ovary	2L:+:16610088-16610111	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_99269	VLGFVLLR	AGAP005523-PA	-	46	6.73E-06	2	916.598	0.38	Malpighian tubule	2L:+:16610259-16610282	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_101988	GGNIVSLTIEGPPPPEEGLPR	AGAP005523-PA	-	67	1.58E-06	2	2129.126	0.8	Head	2L:+:16610283-16610345	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_109866	VLGFVLLR	AGAP005523-PA	-	62	1.57E-07	2	916.600	1.92	Ovary	2L:+:16610259-16610282	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_113192	VPIPGGAGGPGMGR	AGAP005523-PA	M12(Oxidation)	74	5.34E-07	1	1238.632	0.32	Male reproductive organs	2L:+:16610346-16610387	exon=> In CDS Exon 2 of transcript AGAP005523-PA
JHU_Ag_18625	NYLGCYWECHSDDITHVR	AGAP005524-PB,AGAP005524-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	46	0.000169385	1	2324.987	2.55	Ovary	2L:-:16613064-16613011;2L:-:16613064-16613011	exon=> In CDS Exon 3 of transcript AGAP005524-PB;exon=> In CDS Exon 1 of transcript AGAP005524-PA
JHU_Ag_35193	SFGGNKQIVR	AGAP005524-PB,AGAP005524-PA	N5(Deamidated), Q7(Deamidated)	35	0.004788716	1	1107.578	-1.51	Head	2L:-:16612516-16612487;2L:-:16612516-16612487	exon=> In CDS Exon 4 of transcript AGAP005524-PB;exon=> In CDS Exon 2 of transcript AGAP005524-PA
JHU_Ag_86477	SFGGNKQIVR	AGAP005524-PB,AGAP005524-PA	N5(Deamidated), Q7(Deamidated)	41	0.001093141	1	1107.581	1.91	Visceras	2L:-:16612516-16612487;2L:-:16612516-16612487	exon=> In CDS Exon 4 of transcript AGAP005524-PB;exon=> In CDS Exon 2 of transcript AGAP005524-PA
JHU_Ag_9441	DYVELFDQQR	AGAP005526-PA	-	69	1.55E-06	1	1312.619	1.5	Visceras	2L:-:16621731-16621702	exon=> In CDS Exon 11 of transcript AGAP005526-PA
JHU_Ag_13849	FYSDSTFTYK	AGAP005526-PA	-	52	4.60E-05	2	1258.564	0.69	Visceras	2L:-:16626323-16626294	exon=> In CDS Exon 6 of transcript AGAP005526-PA
JHU_Ag_29799	FEVFDLGSK	AGAP005526-PA	-	35	0.003542032	2	1041.525	0	Visceras	2L:-:16617456-16617430	exon=> In CDS Exon 14 of transcript AGAP005526-PA
JHU_Ag_42484	WYIDIPQGQK	AGAP005526-PA	-	39	0.001833042	1	1247.643	1.23	Visceras	2L:-:16619189-16619160	exon=> In CDS Exon 12 of transcript AGAP005526-PA
JHU_Ag_42699	NVLLLR	AGAP005526-PA	N1(Deamidated)	40	0.00033352	1	728.466	-0.15	Male reproductive organs	2L:-:16629803-16629786	exon=> In CDS Exon 5 of transcript AGAP005526-PA
JHU_Ag_48725	AIVLDFQDFDFEK	AGAP005526-PA	-	64	5.38E-06	2	1586.778	2.51	Pupa	2L:-:16629965-16629927	exon=> In CDS Exon 5 of transcript AGAP005526-PA
JHU_Ag_56943	YSGTELPGPIK	AGAP005526-PA	-	63	8.42E-06	2	1161.615	0.08	Visceras	2L:-:16623828-16623796	exon=> In CDS Exon 11 of transcript AGAP005526-PA
JHU_Ag_59603	VALLMSTLQVNR	AGAP005526-PA	M5(Oxidation)	99	9.21E-10	1	1360.768	4.22	Larva	2L:-:16632337-16632302	exon=> In CDS Exon 3 of transcript AGAP005526-PA
JHU_Ag_61607	VQDCQYVFR	AGAP005526-PA	C4(Carbamidomethyl)	65	2.42E-06	1	1214.563	0.6	Visceras	2L:-:16618838-16618812	exon=> In CDS Exon 12 of transcript AGAP005526-PA

JHU_Ag_65621	AFVQYRPSDTGANR	AGAP005526-PA	-	51	0.000133317	1	1581.777	0.23	Visceras	2L:-:16623780-16623739	exon=> In CDS Exon 11 of transcript AGAP005526-PA
JHU_Ag_80010	NVLLLR	AGAP005526-PA	-	36	0.000733439	1	727.482	-0.81	Midgut	2L:-:16629803-16629786	exon=> In CDS Exon 5 of transcript AGAP005526-PA
JHU_Ag_84275	DSAPPAEGIVTQR	AGAP005526-PA	-	41	0.000979982	2	1340.681	0.13	Visceras	2L:-:16622040-16622002	exon=> In CDS Exon 11 of transcript AGAP005526-PA
JHU_Ag_101842	DPSAEPNVGTLALNFR	AGAP005526-PA	-	60	0.0000151	2	1700.858	-1.6	Visceras	2L:-:16622520-16622473	exon=> In CDS Exon 11 of transcript AGAP005526-PA
JHU_Ag_16957	HQSHLADLVER	AGAP005527-PA	-	50	0.00018974	1	1304.667	-3.06	Head	2L:-:16645298-16645266	exon=> In CDS Exon 3 of transcript AGAP005527-PA
JHU_Ag_52005	DEGPQYPFEVPAAPPVR	AGAP005527-PA	-	83	6.69E-08	1	1868.920	1.41	Head	2L:-:16642539-16642489	exon=> In CDS Exon 7 of transcript AGAP005527-PA
JHU_Ag_42198	GFDFNDQTIR	AGAP005528-PA,AGAP005528-PB	-	47	0.000234571	2	1212.568	3.08	Larva	2L:+:16650438-16650467;2L:+:16650438-16650467	exon=> In CDS Exon 2 of transcript AGAP005528-PA;exon=> In CDS Exon 2 of transcript AGAP005528-PB
JHU_Ag_26873	GFEFNDQSIR	AGAP005529-PA,AGAP005529-PC	-	45	0.000320624	2	1212.565	0.56	Midgut	2L:+:16656026-16656055;2L:+:16656026-16656055	exon=> In CDS Exon 2 of transcript AGAP005529-PA;exon=> In CDS Exon 1 of transcript AGAP005529-PC
JHU_Ag_27432	GFEFNDQSIR	AGAP005529-PA,AGAP005529-PC	-	53	5.70E-05	2	1212.568	3.28	Larva	2L:+:16656026-16656055;2L:+:16656026-16656055	exon=> In CDS Exon 2 of transcript AGAP005529-PA;exon=> In CDS Exon 1 of transcript AGAP005529-PC
JHU_Ag_3419	PGAYGAAYDPETGSVK	AGAP005529-PC	-	67	2.98E-06	1	1582.741	1.32	Head	2L:+:16655978-16656025	exon=> In CDS Exon 1 of transcript AGAP005529-PC
JHU_Ag_9978	ALSLEDAPEHPATDETANSHAHEIGLR	AGAP005530-PA	-	38	0.002265787	1	2881.368	-1.01	Head	2L:-:16660572-16660492	exon=> In CDS Exon 6 of transcript AGAP005530-PA
JHU_Ag_489	LFQQSASIFTFLR	AGAP005531-PA	-	113	4.68E-11	1	1557.848	3.61	Salivary gland	2L:-:16666661-16666623	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_1299	VIGPLQEQVGETLAR	AGAP005531-PA	-	98	7.93E-10	1	1609.895	2.68	Head	2L:-:16665204-16665160	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_2182	LPELFTR	AGAP005531-PA	-	38	0.001530887	1	875.500	1.48	Malpighian tubule	2L:-:16665785-16665765	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_3850	IPVQELQVPFK	AGAP005531-PA	-	103	2.09E-10	2	1297.752	0.47	Male reproductive organs	2L:-:16666962-16666930	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_4788	NKEILDEAFR	AGAP005531-PA	-	63	9.02E-06	1	1234.644	1.03	Salivary gland	2L:-:16665764-16666780,16664598-16665661	exon=> In CDS Exon 3 and 2 of transcript AGAP005531-PA
JHU_Ag_5589	IPVQELQVPFK	AGAP005531-PA	-	88	6.67E-09	2	1297.752	0.57	Midgut	2L:-:16666962-16666930	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_11053	YYDQLSALESK	AGAP005531-PA	-	62	8.43E-06	2	1316.640	2.22	Male reproductive organs	2L:-:16666995-16666963	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_11294	IPVQELQVPFK	AGAP005531-PA	-	75	1.11E-07	1	1297.751	-0.56	Head	2L:-:16666962-16666930	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_14299	LPELFTR	AGAP005531-PA	-	31	0.007344179	2	875.498	-0.82	Head	2L:-:16665785-16665765	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_15302	EILDEAFR	AGAP005531-PA	-	57	3.09E-05	2	992.505	-0.11	Salivary gland	2L:-:16665758-16666780,16664598-16665661	exon=> In CDS Exon 3 and 2 of transcript AGAP005531-PA
JHU_Ag_18877	SSNPTLFQEYANR	AGAP005531-PA	-	61	1.33E-05	2	1526.720	-2	Midgut	2L:-:16666235-16666197	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_19120	FLSALSTEGVINEPAISLSEIGK	AGAP005531-PA	-	83	3.86E-08	1	2375.271	0	Head	2L:-:16665273-16665205	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_19435	VFDKQESGLEVNYR	AGAP005531-PA	-	79	2.08E-07	1	1683.837	1.77	Salivary gland	2L:-:16667037-16666996	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_19454	FVSESGVSTDQR	AGAP005531-PA	-	49	0.000165415	2	1311.617	-0.18	Midgut	2L:-:16665117-16665082	exon=> In CDS Exon 3 of transcript AGAP005531-PA

JHU_Ag_20096	VIGPLQEQVGETLAR	AGAP005531-PA	-	127	1.22E-12	1	1609.892	0.4	Male reproductive organs	2L:-:16665204-16665160	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_20793	AVELFK	AGAP005531-PA	-	37	0.000721443	2	706.413	-0.52	Salivary gland	2L:-:16666268-16666251	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_20960	SSNPTLFQEYANR	AGAP005531-PA	-	73	7.48E-07	1	1526.725	0.72	Male reproductive organs	2L:-:16666235-16666197	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_22231	LPELFTR	AGAP005531-PA	-	43	0.000472637	1	875.500	1.62	Male reproductive organs	2L:-:16665785-16665765	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_23130	VIGPLQEQVGETLAR	AGAP005531-PA	-	91	4.42E-09	1	1609.891	0.17	Midgut	2L:-:16665204-16665160	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_24025	LPELFTR	AGAP005531-PA	-	43	0.000421641	1	875.499	0.5	Ovary	2L:-:16665785-16665765	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_24512	FVSESGVSTDQR	AGAP005531-PA	-	91	1.16E-08	1	1311.619	1.22	Salivary gland	2L:-:16665117-16665082	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_25853	EIPSAGAGSNSQASNSSAAQTLR	AGAP005531-PA	-	118	2.32E-11	2	2204.053	-0.39	Head	2L:-:16665432-16665364	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_28111	FVSESGVSTDQR	AGAP005531-PA	-	53	6.60E-05	2	1311.618	0.47	Head	2L:-:16665117-16665082	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_28869	EIPSAGAGSNSQASNSSAAQTLR	AGAP005531-PA	-	189	1.82E-18	1	2204.061	3.04	Malpighian tubule	2L:-:16665432-16665364	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_32300	SSNPTLFQEYANR	AGAP005531-PA	-	76	4.05E-07	2	1526.724	0.4	Ovary	2L:-:16666235-16666197	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_33045	SSNPTLFQEYANR	AGAP005531-PA	-	78	2.58E-07	2	1526.725	0.8	Salivary gland	2L:-:16666235-16666197	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_33236	LCAQCEELYSEALR	AGAP005531-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	124	4.39E-12	1	1741.793	2.62	Head	2L:-:16666469-16666428	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_38883	LFQQSASIFTFLR	AGAP005531-PA	-	72	5.29E-07	2	1557.848	3.53	Head	2L:-:16666661-16666623	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_41894	LPELFTR	AGAP005531-PA	-	43	0.000475273	2	875.498	-0.89	Pupa	2L:-:16665785-16665765	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_42289	TCVLFNLAALQSAVASSQSTDTDEGLKQAAK	AGAP005531-PA	C2(Carbamidomethyl)	106	3.16E-10	1	3224.609	-0.39	Ovary	2L:-:16666754-16666662	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_43550	TLVQSNYR	AGAP005531-PA	-	46	0.000296418	1	980.514	-2.25	Salivary gland	2L:-:16667142-16667119	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_44383	SSNPTLFQEYANR	AGAP005531-PA	-	72	1.09E-06	2	1526.727	2.48	Head	2L:-:16666235-16666197	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_44883	ISLTLTSIAYER	AGAP005531-PA	-	65	1.71E-06	2	1366.763	4.14	Salivary gland	2L:-:16666887-16667205,16665744-16666755	exon=> In CDS Exon 2 and 1 of transcript AGAP005531-PA
JHU_Ag_45537	VFDKQESGLEVNYR	AGAP005531-PA	-	37	0.003182921	1	1683.830	-2.36	Ovary	2L:-:16667037-16666996	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_48397	IPVQELQVPFK	AGAP005531-PA	-	76	9.55E-08	1	1297.755	2.45	Salivary gland	2L:-:16666962-16666930	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_50735	KDNDFIYNEVIPDVNNLPSPGK	AGAP005531-PA	-	34	0.005353975	1	2488.238	0.96	Ovary	2L:-:16666169-16666104	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_51367	FVSESGVSTDQR	AGAP005531-PA	-	68	2.03E-06	2	1311.617	-0.46	Malpighian tubule	2L:-:16665117-16665082	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_55674	AVELFK	AGAP005531-PA	-	33	0.002042687	2	706.413	-1.21	Head	2L:-:16666268-16666251	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_57529	TIINNATAADK	AGAP005531-PA	-	73	8.35E-07	1	1131.603	2.62	Salivary gland	2L:-:16665540-16665508	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_58087	VIGPLQEQVGETLAR	AGAP005531-PA	-	106	1.74E-10	1	1609.894	1.69	Ovary	2L:-:16665204-16665160	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_63629	TSSDKLAATFR	AGAP005531-PA	-	67	2.24E-06	2	1196.631	3.34	Malpighian tubule	2L:-:16665594-16665562	exon=> In CDS Exon 3 of transcript AGAP005531-PA

JHU_Ag_63960	LPELFTR	AGAP005531-PA	-	55	2.70E-05	2	875.498	-0.27	Salivary gland	2L:-:16665785-16665765	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_64686	VIGPLQEQVGETLAR	AGAP005531-PA	-	113	2.74E-11	1	1609.903	7.23	Malpighian tubule	2L:-:16665204-16665160	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_66352	ISDYCFAR	AGAP005531-PA	C5(Carbamidomethyl)	35	0.001942507	2	1031.465	3.03	Malpighian tubule	2L:-:16664958-16664935	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_66584	IPVQELQVPFK	AGAP005531-PA	-	76	9.04E-08	1	1297.754	1.6	Ovary	2L:-:16666962-16666930	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_68599	LCAQCEELYSEALR	AGAP005531-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	108	1.78E-10	2	1741.793	2.41	Salivary gland	2L:-:16666469-16666428	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_68693	NLEPDQLNVINEAIAELNTLR	AGAP005531-PA	-	86	2.20E-08	1	2379.260	3.39	Malpighian tubule	2L:-:16667118-16667056	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_68812	KDNDFIYNEVIPDVNNLPSPGK	AGAP005531-PA	-	35	0.004200517	1	2488.237	0.74	Head	2L:-:16666169-16666104	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_74072	TLVQSNYR	AGAP005531-PA	-	43	0.000569031	2	980.518	1.73	Malpighian tubule	2L:-:16667142-16667119	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_75334	KPSEVDFAKPLK	AGAP005531-PA	-	46	0.000218469	1	1358.766	-1.37	Salivary gland	2L:-:16667178-16667143	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_76050	DLTHESSR	AGAP005531-PA	-	37	0.001978746	1	944.443	-0.4	Salivary gland	2L:-:16664907-16664884	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_76935	FVSESGVSTDQR	AGAP005531-PA	-	87	2.84E-08	1	1311.618	0.1	Pupa	2L:-:16665117-16665082	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_77810	ISDYCFAR	AGAP005531-PA	C5(Carbamidomethyl)	53	2.89E-05	1	1031.461	-0.41	Salivary gland	2L:-:16664958-16664935	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_78817	IPVQELQVPFK	AGAP005531-PA	-	80	3.42E-08	1	1297.751	-0.19	Malpighian tubule	2L:-:16666962-16666930	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_80834	TSSDKLAATFR	AGAP005531-PA	-	65	3.25E-06	1	1196.628	1.2	Male reproductive organs	2L:-:16665594-16665562	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_81479	VFDKQESGLEVNYR	AGAP005531-PA	-	60	1.72E-05	1	1683.830	-2.22	Midgut	2L:-:16667037-16666996	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_81914	LCAQCEELYSEALR	AGAP005531-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	48	0.000171564	2	1741.790	1.08	Male reproductive organs	2L:-:16666469-16666428	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_83142	TIINNATAADK	AGAP005531-PA	-	38	0.002238015	2	1131.602	1.32	Malpighian tubule	2L:-:16665540-16665508	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_83223	ISLTLTSIAYER	AGAP005531-PA	-	52	2.97E-05	2	1366.759	1.1	Midgut	2L:-:16666887-16667205,16665744-16666755	exon=> In CDS Exon 2 and 1 of transcript AGAP005531-PA
JHU_Ag_83686	LFQQSASIFTFLR	AGAP005531-PA	-	54	3.42E-05	1	1557.850	5.02	Visceras	2L:-:16666661-16666623	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_84905	VIGPLQEQVGETLAR	AGAP005531-PA	-	121	4.29E-12	1	1609.894	2.07	Salivary gland	2L:-:16665204-16665160	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_88121	DLTHESSR	AGAP005531-PA	-	42	0.000578615	1	944.443	-0.64	Malpighian tubule	2L:-:16664907-16664884	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_89865	NLEPDQLNVINEAIAELNTLR	AGAP005531-PA	-	68	1.47E-06	2	2379.257	2.35	Salivary gland	2L:-:16667118-16667056	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_92607	EIPSAGAGSNSQASNSSAAQTLR	AGAP005531-PA	-	48	0.000257199	2	2204.054	-0.17	Midgut	2L:-:16665432-16665364	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_93952	SSNPTLFQEYANR	AGAP005531-PA	-	82	9.25E-08	1	1526.741	11.51	Malpighian tubule	2L:-:16666235-16666197	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_96813	LCAQCEELYSEALR	AGAP005531-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	96	2.63E-09	2	1741.795	3.88	Malpighian tubule	2L:-:16666469-16666428	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_99292	ALWDKEWIPQVAGR	AGAP005531-PA	-	37	0.002124589	1	1668.890	2.44	Male reproductive organs	2L:-:16666403-16666362	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_105736	AVELFK	AGAP005531-PA	-	38	0.000978004	2	706.416	3.19	Malpighian tubule	2L:-:16666268-16666251	exon=> In CDS Exon 2 of transcript AGAP005531-PA

JHU_Ag_109739	TCVLFNLAALQSAVASSQSTDTDEGLKQAAK	AGAP005531-PA	C2(Carbamidomethyl), Q28(Deamidated)	51	7.37E-05	3	3225.629	10.62	Malpighian tubule	2L:-:16666754-16666662	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_110784	YYDQLSALESK	AGAP005531-PA	-	79	1.69E-07	2	1316.635	-1.4	Pupa	2L:-:16666995-16666963	exon=> In CDS Exon 1 of transcript AGAP005531-PA
JHU_Ag_111959	NKEILDEAFR	AGAP005531-PA	-	51	0.000146135	1	1234.643	0.34	Ovary	2L:-:16665764-16666780,16664598-16665661	exon=> In CDS Exon 3 and 2 of transcript AGAP005531-PA
JHU_Ag_112120	FVSESGVSTDQR	AGAP005531-PA	-	60	1.37E-05	2	1311.616	-1.39	Male reproductive organs	2L:-:16665117-16665082	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_112237	FLSALSTEGVINEPAISLSEIGK	AGAP005531-PA	-	78	1.08E-07	2	2375.269	-0.51	Midgut	2L:-:16665273-16665205	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_113200	FLSALSTEGVINEPAISLSEIGK	AGAP005531-PA	-	57	1.49E-05	2	2375.274	1.65	Salivary gland	2L:-:16665273-16665205	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_114735	EIPSAGAGSNSQASNSSAAQTLR	AGAP005531-PA	-	117	3.44E-11	2	2204.056	1.05	Salivary gland	2L:-:16665432-16665364	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_116423	SSNPTLFQEYANR	AGAP005531-PA	-	62	9.31E-06	2	1526.718	-3.52	Pupa	2L:-:16666235-16666197	exon=> In CDS Exon 2 of transcript AGAP005531-PA
JHU_Ag_116703	ISLTLTSIAYER	AGAP005531-PA	-	66	1.48E-06	2	1366.763	3.69	Malpighian tubule	2L:-:16666887-16667205,16665744-16666755	exon=> In CDS Exon 2 and 1 of transcript AGAP005531-PA
JHU_Ag_117413	TIINNATAADKVIR	AGAP005531-PA	-	104	2.12E-10	1	1499.860	4.12	Malpighian tubule	2L:-:16665540-16665499	exon=> In CDS Exon 3 of transcript AGAP005531-PA
JHU_Ag_15386	LLQLLR	AGAP005533-PA	Q3(Deamidated)	43	0.000106518	2	756.497	-1.03	Head	2L:-:16671933-16671916	exon=> In CDS Exon 21 of transcript AGAP005533-PA
JHU_Ag_16895	LLQLLR	AGAP005533-PA	Q3(Deamidated)	43	0.000254855	1	756.498	0.26	Ovary	2L:-:16671933-16671916	exon=> In CDS Exon 21 of transcript AGAP005533-PA
JHU_Ag_17985	LLQLLR	AGAP005533-PA	Q3(Deamidated)	35	0.001800085	1	756.498	-0.05	Male reproductive organs	2L:-:16671933-16671916	exon=> In CDS Exon 21 of transcript AGAP005533-PA
JHU_Ag_28851	LLQLLR	AGAP005533-PA	Q3(Deamidated)	35	0.000750624	1	756.497	-0.61	Midgut	2L:-:16671933-16671916	exon=> In CDS Exon 21 of transcript AGAP005533-PA
JHU_Ag_53118	AQLDTVLNFLFR	AGAP005533-PA	-	49	7.79E-05	2	1436.795	3.59	Ovary	2L:-:16676919-16676884	exon=> In CDS Exon 15 of transcript AGAP005533-PA
JHU_Ag_68828	LLQLLR	AGAP005533-PA	Q3(Deamidated)	43	0.000252518	2	756.499	1.79	Larva	2L:-:16671933-16671916	exon=> In CDS Exon 21 of transcript AGAP005533-PA
JHU_Ag_90107	LLQLLR	AGAP005533-PA	Q3(Deamidated)	43	0.000256031	1	756.500	2.44	Malpighian tubule	2L:-:16671933-16671916	exon=> In CDS Exon 21 of transcript AGAP005533-PA
JHU_Ag_113544	LLQLLR	AGAP005533-PA	Q3(Deamidated)	32	0.003142628	2	756.498	0.66	Pupa	2L:-:16671933-16671916	exon=> In CDS Exon 21 of transcript AGAP005533-PA
JHU_Ag_114715	IALLQFASLLVEK	AGAP005533-PA	-	96	2.84E-10	2	1444.885	4.93	Ovary	2L:-:16677867-16677829	exon=> In CDS Exon 13 of transcript AGAP005533-PA
JHU_Ag_794	FNEALEILLQLEK	AGAP005535-PA	-	85	1.96E-08	1	1559.873	3.42	Midgut	2L:-:16694327-16694289	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_1524	LLEELPVYK	AGAP005535-PA	-	61	7.46E-06	1	1103.633	-1.7	Ovary	2L:-:16693565-16694450,16692989-16693469	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_2089	LLEELPVYK	AGAP005535-PA	-	49	0.00011482	2	1103.636	0.85	Head	2L:-:16693565-16694450,16692989-16693469	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_3727	FFNDAEQQDLK	AGAP005535-PA	-	76	3.32E-07	1	1354.628	0.4	Salivary gland	2L:-:16693808-16693776	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_6157	VKTDRPAGIIHFSQK	AGAP005535-PA	-	61	3.64E-06	1	1696.949	-0.15	Malpighian tubule	2L:-:16693186-16693142	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_7030	VKTDRPAGIIHFSQK	AGAP005535-PA	-	60	4.92E-06	1	1696.949	-0.15	Male reproductive organs	2L:-:16693186-16693142	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_8679	LIEHNVR	AGAP005535-PA	-	31	0.005045159	1	880.500	-0.46	Midgut	2L:-:16693324-16693304	exon=> In CDS Exon 2 of transcript AGAP005535-PA

JHU_Ag_15425	LDKDSSFIK	AGAP005535-PA	-	41	0.000782796	1	1052.564	1.26	Ovary	2L:-:16693748-16693722	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_17659	DENKFNEALEILLQLEK	AGAP005535-PA	-	93	5.35E-09	1	2046.076	0.24	Ovary	2L:-:16694339-16694289	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_17932	LLEELPVYK	AGAP005535-PA	-	53	4.18E-05	1	1103.635	0.63	Midgut	2L:-:16693565-16694450,16692989-16693469	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_21471	TDRPAGIIHFSQK	AGAP005535-PA	-	60	1.02E-05	1	1469.793	4.61	Ovary	2L:-:16693180-16693142	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_22099	YYDLMIR	AGAP005535-PA	M5(Oxidation)	42	0.000832864	2	989.476	-0.42	Ovary	2L:-:16693769-16693749	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_22400	LLEELPVYK	AGAP005535-PA	-	53	4.73E-05	1	1103.633	-1.92	Malpighian tubule	2L:-:16693565-16694450,16692989-16693469	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_22510	HYLAVVDSDMIAQETERR	AGAP005535-PA	M10(Oxidation)	66	4.18E-06	1	2149.032	-0.94	Midgut	2L:-:16693712-16693659	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_24716	ELINFDALCTVYGAELNTFDIFNQETSHGK	AGAP005535-PA	C9(Carbamidomethyl)	145	4.36E-14	1	3446.623	0.5	Ovary	2L:-:16693441-16693352	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_25435	FFNDAEQQDLK	AGAP005535-PA	-	57	2.36E-05	1	1354.630	1.75	Head	2L:-:16693808-16693776	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_27391	HYLAVVDSDMIAQETER	AGAP005535-PA	M10(Oxidation)	71	1.34E-06	1	1992.933	-0.34	Ovary	2L:-:16693712-16693662	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_28665	FFNDAEQQDLK	AGAP005535-PA	-	74	4.74E-07	2	1354.626	-1.31	Pupa	2L:-:16693808-16693776	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_33602	IYVEVER	AGAP005535-PA	-	36	0.003486757	2	907.487	-1.28	Pupa	2L:-:16694039-16694019	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_35388	MIQECCTYVDQTPDKETK	AGAP005535-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	55	2.20E-05	1	2245.978	0.43	Malpighian tubule	2L:-:16694135-16694082	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_35853	LLEELPVYK	AGAP005535-PA	-	40	0.000832759	2	1103.637	1.73	Pupa	2L:-:16693565-16694450,16692989-16693469	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_44121	LLEELPVYKELLR	AGAP005535-PA	-	31	0.001932707	1	1614.948	1.04	Malpighian tubule	2L:-:16693565-16694450,16692989-16693457	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_57518	LIEHNVR	AGAP005535-PA	-	56	1.46E-05	1	880.500	0.44	Malpighian tubule	2L:-:16693324-16693304	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_57629	TDRPAGIIHFSQK	AGAP005535-PA	-	47	0.000223666	1	1469.787	1.01	Salivary gland	2L:-:16693180-16693142	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_58349	LLEELPVYK	AGAP005535-PA	-	46	0.000227518	2	1103.635	0.07	Salivary gland	2L:-:16693565-16694450,16692989-16693469	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_64210	LLEELPVYK	AGAP005535-PA	-	56	2.30E-05	1	1103.634	-1.03	Male reproductive organs	2L:-:16693565-16694450,16692989-16693469	exon=> In CDS Exon 2 and 1 of transcript AGAP005535-PA
JHU_Ag_64751	IGADMVSSAR	AGAP005535-PA	-	56	4.09E-05	2	1006.499	0.03	Malpighian tubule	2L:-:16694279-16694250	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_66672	TDRPAGIIHFSQK	AGAP005535-PA	-	54	4.00E-05	1	1469.790	2.7	Malpighian tubule	2L:-:16693180-16693142	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_67643	IISNYYTR	AGAP005535-PA	-	50	0.000125889	2	1029.537	0.99	Ovary	2L:-:16693303-16693280	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_68729	FNEALEILLQLEK	AGAP005535-PA	-	75	2.42E-07	2	1559.868	0.28	Ovary	2L:-:16694327-16694289	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_76126	IISNYYTR	AGAP005535-PA	-	60	1.36E-05	2	1029.536	-0.67	Pupa	2L:-:16693303-16693280	exon=> In CDS Exon 2 of transcript AGAP005535-PA
JHU_Ag_77520	IYVEVER	AGAP005535-PA	-	49	0.000114766	1	907.485	-3.57	Male reproductive organs	2L:-:16694039-16694019	exon=> In CDS Exon 1 of transcript AGAP005535-PA

JHU_Ag_97945	FFNDAEQQDLK	AGAP005535-PA	-	83	6.07E-08	1	1354.629	1.21	Ovary	2L:-:16693808-16693776	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_100077	EKVELILEQMR	AGAP005535-PA	-	66	2.96E-06	2	1387.760	-1.35	Midgut	2L:-:16693904-16693872	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_100906	FFNDAEQQDLK	AGAP005535-PA	-	70	1.50E-06	2	1354.636	6.26	Male reproductive organs	2L:-:16693808-16693776	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_110339	MDQAMDINAFEGR	AGAP005535-PA	N-Term(Acetyl), M1(Oxidation), M5(Oxidation)	48	5.05E-05	2	1571.647	0.37	Male reproductive organs	2L:-:16694450-16694412	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_116205	LDKDSSFIK	AGAP005535-PA	-	41	0.000784852	3	1052.560	-1.78	Pupa	2L:-:16693748-16693722	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_116583	IGADMVSSAR	AGAP005535-PA	M5(Oxidation)	53	6.51E-05	1	1022.497	3.75	Larva	2L:-:16694279-16694250	exon=> In CDS Exon 1 of transcript AGAP005535-PA
JHU_Ag_9042	FNAFTLETVTGGR	AGAP005536-PA	-	85	4.43E-08	2	1412.719	1.16	Head	2L:+:16829579-16829612,16831168-16831172	exon=> In CDS Exon 1 and 2 of transcript AGAP005536-PA
JHU_Ag_59941	SSLQVAGSANHGFAGR	AGAP005536-PA	-	125	4.54E-12	1	1558.774	1.17	Head	2L:+:16832217-16832264	exon=> In CDS Exon 2 of transcript AGAP005536-PA
JHU_Ag_112248	SAIGCLLESGVAEQVQDIRPELER	AGAP005536-PA	C5(Carbamidomethyl)	111	7.32E-11	1	2669.372	5.73	Head	2L:+:16831530-16831601	exon=> In CDS Exon 2 of transcript AGAP005536-PA
JHU_Ag_69781	DADDSDHLVVENR	AGAP005537-PA	-	73	4.28E-07	1	1484.663	1.43	Malpighian tubule	2L:-:16847809-16847771	exon=> In CDS Exon 5 of transcript AGAP005537-PA
JHU_Ag_6148	NIFDSFNDYLVK	AGAP005538-PA	-	80	1.78E-07	2	1474.724	2.1	Visceras	2L:+:16849919-16849954	exon=> In CDS Exon 1 of transcript AGAP005538-PA
JHU_Ag_8063	NIFDSFNDYLVK	AGAP005538-PA	-	44	0.000619612	2	1474.725	2.18	Pupa	2L:+:16849919-16849954	exon=> In CDS Exon 1 of transcript AGAP005538-PA
JHU_Ag_13546	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	128	9.74E-13	1	2110.144	0.34	Ovary	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_15535	FVADLNSGFR	AGAP005538-PA	-	66	3.03E-06	1	1125.570	1.07	Ovary	2L:+:16850663-16850692	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_37621	NIFDSFNDYLVK	AGAP005538-PA	-	48	0.000288879	2	1474.723	1.35	Male reproductive organs	2L:+:16849919-16849954	exon=> In CDS Exon 1 of transcript AGAP005538-PA
JHU_Ag_39501	FVADLNSGFR	AGAP005538-PA	-	61	8.77E-06	2	1125.567	-1.43	Head	2L:+:16850663-16850692	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_46634	NIFDSFNDYLVK	AGAP005538-PA	-	43	0.00078836	1	1474.732	7.15	Midgut	2L:+:16849919-16849954	exon=> In CDS Exon 1 of transcript AGAP005538-PA
JHU_Ag_48681	LAALIPAGQYYR	AGAP005538-PA	-	76	1.93E-07	1	1335.745	1.92	Ovary	2L:+:16850206-16850241	exon=> In CDS Exon 2 of transcript AGAP005538-PA
JHU_Ag_62072	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	105	1.99E-10	1	2110.144	0.6	Male reproductive organs	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_78238	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	106	1.75E-10	1	2110.145	0.94	Head	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_83559	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	68	7.99E-07	1	2110.160	8.1	Malpighian tubule	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_92174	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	119	7.94E-12	1	2110.144	0.58	Midgut	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_93901	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	104	2.13E-10	1	2110.147	1.81	Visceras	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_99214	FVADLNSGFR	AGAP005538-PA	-	65	3.74E-06	1	1125.574	4.54	Larva	2L:+:16850663-16850692	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_99909	KIEEIVYDISIR	AGAP005538-PA	-	79	5.70E-08	1	1477.828	1.05	Ovary	2L:+:16850756-16850791	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_102239	NIFDSFNDYLVK	AGAP005538-PA	-	82	1.06E-07	1	1474.722	0.28	Ovary	2L:+:16849919-16849954	exon=> In CDS Exon 1 of transcript AGAP005538-PA
JHU_Ag_102332	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	94	2.15E-09	2	2110.151	3.7	Larva	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA

JHU_Ag_112099	YAVNSVILGDYEKPLTISK	AGAP005538-PA	-	89	7.16E-09	1	2110.147	1.64	Pupa	2L:+:16850606-16850662	exon=> In CDS Exon 4 of transcript AGAP005538-PA
JHU_Ag_10181	ALAENGQLMPLYEK	AGAP005540-PA	M9(Oxidation),"N5(Deamidated), M9(Oxidation)"	99	1.89E-09	1	1592.801	1.03	Male reproductive organs	2L:-:16854896-16854855	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_13741	QTLFELDNK	AGAP005540-PA	-	42	0.001086697	2	1107.569	0.38	Midgut	2L:-:16855337-16855311	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_28448	QVINNACATQAILSILLNATHPDIK	AGAP005540-PA	C7(Carbamidomethyl)	99	6.66E-10	1	2718.468	2.57	Ovary	2L:-:16855529-16855455	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_30550	HNYLPFIVELLK	AGAP005540-PA	-	44	0.00015617	1	1485.857	7.24	Malpighian tubule	2L:-:16854932-16854897	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_31604	SSGKEDVFHFVGYVPVDGR	AGAP005540-PA	-	87	3.02E-08	1	2095.026	0.54	Male reproductive organs	2L:-:16855310-16855254	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_31833	ALAENGQLMPLYEK	AGAP005540-PA	M9(Oxidation)	86	4.27E-08	1	1592.798	-0.58	Ovary	2L:-:16854896-16854855	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_32727	EGPIDHGAVGPGQDWLQVVRPIIEK	AGAP005540-PA	-	124	2.53E-12	1	2710.439	2.85	Midgut	2L:-:16855229-16855155	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_37284	ALAENGQLMPLYEK	AGAP005540-PA	M9(Oxidation)	76	3.40E-07	2	1576.809	3.23	Malpighian tubule	2L:-:16854896-16854855	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_38874	EDVFHFVGYVPVDGR	AGAP005540-PA	-	55	5.47E-05	1	1735.848	2.25	Ovary	2L:-:16855298-16855254	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_39976	LGSTLTDFKEFACTFDAYNK	AGAP005540-PA	C13(Carbamidomethyl)	116	3.68E-11	1	2328.080	-2.15	Ovary	2L:-:16855454-16855395	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_40737	LGSTLTDFK	AGAP005540-PA	-	48	0.000134351	2	981.525	-0.67	Male reproductive organs	2L:-:16855454-16855428	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_41010	DLEPVHGLVFLFK	AGAP005540-PA	-	58	1.46E-05	1	1513.840	-1.05	Ovary	2L:-:16855733-16855789,16854804-16855602	exon=> In CDS Exon 3 and 2 of transcript AGAP005540-PA
JHU_Ag_41379	LGSTLTDFKEFACTFDAYNK	AGAP005540-PA	C13(Carbamidomethyl)	56	3.83E-05	1	2328.092	3.04	Male reproductive organs	2L:-:16855454-16855395	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_47458	EGPIDHGAVGPGQDWLQVVRPIIEK	AGAP005540-PA	-	112	3.57E-11	1	2710.443	4.4	Malpighian tubule	2L:-:16855229-16855155	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_53209	SSGKEDVFHFVGYVPVDGR	AGAP005540-PA	-	56	3.75E-05	1	2095.022	-1.04	Salivary gland	2L:-:16855310-16855254	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_54814	LGSTLTDFKEFACTFDAYNK	AGAP005540-PA	C13(Carbamidomethyl)	57	2.69E-05	1	2328.092	2.88	Visceras	2L:-:16855454-16855395	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_59541	QTLFELDNK	AGAP005540-PA	-	46	0.000360591	2	1107.572	3.46	Salivary gland	2L:-:16855337-16855311	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_66858	GLALSNASQIR	AGAP005540-PA	-	83	6.46E-08	1	1129.633	0.47	Ovary	2L:-:16855394-16855362	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_71906	HNYLPFIVELLK	AGAP005540-PA	-	82	3.34E-08	1	1485.848	0.93	Ovary	2L:-:16854932-16854897	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_79430	GLALSNASQIR	AGAP005540-PA	-	96	3.63E-09	2	1129.632	-0.39	Male reproductive organs	2L:-:16855394-16855362	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_84381	DDEPAGSIVQDSR	AGAP005540-PA	-	108	1.59E-10	1	1388.631	1.71	Head	2L:-:16855592-16855554	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_85121	LGSTLTDFKEFACTFDAYNK	AGAP005540-PA	C13(Carbamidomethyl)	53	8.17E-05	1	2328.105	8.62	Salivary gland	2L:-:16855454-16855395	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_89689	KHNYLPFIVELLK	AGAP005540-PA	-	81	2.26E-08	1	1613.936	-3.1	Ovary	2L:-:16854935-16854897	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_92409	DLEPVHGLVFLFK	AGAP005540-PA	-	34	0.00285045	1	1513.847	3.55	Head	2L:-:16855733-16855789,16854804-16855602	exon=> In CDS Exon 3 and 2 of transcript AGAP005540-PA
JHU_Ag_94210	EDVFHFVGYVPVDGR	AGAP005540-PA	-	38	0.002545168	2	1735.852	4.71	Head	2L:-:16855298-16855254	exon=> In CDS Exon 3 of transcript AGAP005540-PA

JHU_Ag_96348	QTLFELDNK	AGAP005540-PA	-	61	1.25E-05	2	1107.568	-0.5	Male reproductive organs	2L:-:16855337-16855311	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_98985	SSGKEDVFHFVGYVPVDGR	AGAP005540-PA	-	87	2.97E-08	1	2095.035	4.91	Ovary	2L:-:16855310-16855254	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_102889	QTLFELDNK	AGAP005540-PA	-	56	4.05E-05	2	1107.569	0.38	Ovary	2L:-:16855337-16855311	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_114212	EGPIDHGAVGPGQDWLQVVRPIIEK	AGAP005540-PA	-	137	1.21E-13	1	2710.446	5.49	Ovary	2L:-:16855229-16855155	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_114733	ALAENGQLMPLYEK	AGAP005540-PA	M9(Oxidation)	44	0.000646245	1	1592.807	4.86	Salivary gland	2L:-:16854896-16854855	exon=> In CDS Exon 3 of transcript AGAP005540-PA
JHU_Ag_18234	LPNLSLQTPAFIFHTK	AGAP005542-PA	-	108	1.10E-10	1	1827.013	-2.08	Ovary	2L:-:16873646-16873599	exon=> In CDS Exon 1 of transcript AGAP005542-PA
JHU_Ag_6084	LVDEFSTALNAFQAVQR	AGAP005543-PA	-	90	1.17E-08	2	1908.986	2.11	Male reproductive organs	2L:-:16875958-16875908	exon=> In CDS Exon 3 of transcript AGAP005543-PA
JHU_Ag_47707	ELEENIVSVNEIYKK	AGAP005543-PA	-	33	0.005618239	1	1806.959	6.06	Midgut	2L:-:16875655-16876064,16875423-16875543	exon=> In CDS Exon 4 and 3 of transcript AGAP005543-PA
JHU_Ag_57051	TAQIVVASIQK	AGAP005543-PA	-	88	6.46E-09	2	1157.689	-0.11	Male reproductive organs	2L:-:16876501-16876469	exon=> In CDS Exon 1 of transcript AGAP005543-PA
JHU_Ag_74077	DRLVDEFSTALNAFQAVQR	AGAP005543-PA	-	66	3.61E-06	1	2180.109	-0.18	Head	2L:-:16875964-16875908	exon=> In CDS Exon 3 of transcript AGAP005543-PA
JHU_Ag_76921	ELEENIVSVNEIYKK	AGAP005543-PA	-	61	8.59E-06	2	1806.949	0.25	Male reproductive organs	2L:-:16875655-16876064,16875423-16875543	exon=> In CDS Exon 4 and 3 of transcript AGAP005543-PA
JHU_Ag_89062	MVNQFGTAQDSPELK	AGAP005543-PA	M1(Oxidation)	49	0.000191654	2	1680.792	1.01	Male reproductive organs	2L:-:16876371-16876327	exon=> In CDS Exon 2 of transcript AGAP005543-PA
JHU_Ag_89066	MVNQFGTAQDSPELKQQLHQIR	AGAP005543-PA	M1(Oxidation)	85	4.72E-08	1	2568.305	2.41	Malpighian tubule	2L:-:16876371-16876388,16875647-16876052	exon=> In CDS Exon 3 and 2 of transcript AGAP005543-PA
JHU_Ag_2250	EAANIAVVR	AGAP005544-PA	-	39	0.001172578	2	942.538	0.94	Ovary	2L:-:16878940-16878914	exon=> In CDS Exon 3 of transcript AGAP005544-PA
JHU_Ag_14912	VPWLVVLYK	AGAP005544-PA	-	44	7.70E-05	2	1116.687	4.43	Salivary gland	2L:-:16879515-16879489	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_25298	LSNVLWDQNIPLIVAR	AGAP005544-PA	-	40	0.000302567	2	1851.053	2.49	Salivary gland	2L:-:16879713-16879666	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_45451	VLQEWVDAHDGQYPASYR	AGAP005544-PA	-	118	2.63E-11	1	2134.009	4.54	Ovary	2L:-:16879488-16879435	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_45901	LSNVLWDQNIPLIVAR	AGAP005544-PA	-	92	2.03E-09	2	1851.054	2.69	Ovary	2L:-:16879713-16879666	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_57296	YGGAEIHSISAYLGGCIAHELIK	AGAP005544-PA	C16(Carbamidomethyl)	111	1.00E-10	1	2459.252	5.27	Ovary	2L:-:16878649-16878581	exon=> In CDS Exon 3 of transcript AGAP005544-PA
JHU_Ag_65182	LSNVLWDQNIPLIVAR	AGAP005544-PA	-	33	0.001721151	2	1851.044	-2.65	Midgut	2L:-:16879713-16879666	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_75332	ELNKPNDLITDKDVR	AGAP005544-PA	-	40	0.001069248	1	1769.938	-0.68	Ovary	2L:-:16878997-16878953	exon=> In CDS Exon 3 of transcript AGAP005544-PA
JHU_Ag_85644	LSNVLWDQNIPLIVAR	AGAP005544-PA	-	44	0.00010928	2	1851.061	6.78	Head	2L:-:16879713-16879666	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_91401	VPWLVVLYK	AGAP005544-PA	-	56	5.73E-06	1	1116.687	5.2	Ovary	2L:-:16879515-16879489	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_92505	SVGFYGVAR	AGAP005544-PA	-	49	0.000116417	2	955.502	2.22	Ovary	2L:-:16879665-16879639	exon=> In CDS Exon 2 of transcript AGAP005544-PA
JHU_Ag_8021	VPLAQFIK	AGAP005545-PA	-	35	0.001453316	2	915.566	0.08	Ovary	2L:+:16885843-16885866	exon=> In CDS Exon 4 of transcript AGAP005545-PA
JHU_Ag_10042	FLDAVESMDSENIIR	AGAP005545-PA	M8(Oxidation)	59	2.27E-05	2	1738.836	2.59	Ovary	2L:+:16884891-16884935	exon=> In CDS Exon 3 of transcript AGAP005545-PA

JHU_Ag_18434	IINQYPYHVDSLIQLSELCK	AGAP005545-PA	C19(Carbamidomethyl)	60	9.08E-06	1	2433.257	3.36	Head	2L:+:16884936-16884995	exon=> In CDS Exon 3 of transcript AGAP005545-PA
JHU_Ag_22032	DAELLPWLER	AGAP005545-PA	-	47	0.000213617	2	1241.652	-0.21	Head	2L:+:16885602-16885631	exon=> In CDS Exon 3 of transcript AGAP005545-PA
JHU_Ag_47467	IINQYPYHVDSLIQLSELCK	AGAP005545-PA	C19(Carbamidomethyl)	34	0.00384705	1	2433.256	3.06	Visceras	2L:+:16884936-16884995	exon=> In CDS Exon 3 of transcript AGAP005545-PA
JHU_Ag_58879	DAADGPVSVHLAEAK	AGAP005545-PA	-	81	1.24E-07	2	1479.766	14.64	Ovary	2L:+:16883916-16883960	exon=> In CDS Exon 2 of transcript AGAP005545-PA
JHU_Ag_68907	AIFDKNVIYFAFEHSPSYR	AGAP005545-PA	-	103	7.20E-10	1	2304.157	5.39	Malpighian tubule	2L:+:16884819-16884875	exon=> In CDS Exon 3 of transcript AGAP005545-PA
JHU_Ag_70827	EQIDEVSDGGDADYDTNSTSSQNR	AGAP005545-PA	-	135	7.28E-14	2	2603.058	-1.11	Head	2L:+:16883486-16883557	exon=> In CDS Exon 1 of transcript AGAP005545-PA
JHU_Ag_87907	NVIYFAFEHSPSYR	AGAP005545-PA	-	68	2.69E-06	2	1729.837	2.18	Ovary	2L:+:16884834-16884875	exon=> In CDS Exon 3 of transcript AGAP005545-PA
JHU_Ag_94912	DAADGPVSVHLAEAK	AGAP005545-PA	-	67	3.59E-06	1	1479.749	3.26	Head	2L:+:16883916-16883960	exon=> In CDS Exon 2 of transcript AGAP005545-PA
JHU_Ag_105672	IINQYPYHVDSLIQLSELCK	AGAP005545-PA	C19(Carbamidomethyl)	54	3.66E-05	3	2433.250	0.8	Ovary	2L:+:16884936-16884995	exon=> In CDS Exon 3 of transcript AGAP005545-PA
JHU_Ag_113165	IINQYPYHVDSLIQLSELCK	AGAP005545-PA	C19(Carbamidomethyl)	38	0.001342322	1	2433.267	7.73	Malpighian tubule	2L:+:16884936-16884995	exon=> In CDS Exon 3 of transcript AGAP005545-PA
JHU_Ag_99546	SIVPIFFR	AGAP005547-PA,AGAP005548-PA	N-Term(Acetyl)	43	0.000333856	1	1020.589	0.81	Ovary	2L:+:16952239-16952262;2L:-:16955957-16955934	exon=> In CDS Exon 1 of transcript AGAP005547-PA;exon=> In CDS Exon 1 of transcript AGAP005548-PA
JHU_Ag_93	LIISETDHNAYTEETK	AGAP005549-PA	-	32	0.010871277	1	1863.899	1.26	Midgut	2L:+:16961680-16961727	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_8721	SMYFFLVQTEQGDIFK	AGAP005549-PA	M2(Oxidation)	73	6.79E-07	2	1968.942	0.29	Midgut	2L:+:16959247-16959294	exon=> In CDS Exon 2 of transcript AGAP005549-PA
JHU_Ag_13753	LPHSVSDDVDEDPTGNK	AGAP005549-PA	-	73	4.79E-07	2	1824.830	2.97	Malpighian tubule	2L:+:16962460-16962510	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_15587	FGNIAILR	AGAP005549-PA	-	46	9.37E-05	2	903.544	2.78	Midgut	2L:+:16962436-16962459	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_19102	RAENQLIIFADDTHPR	AGAP005549-PA	-	36	0.003626723	3	1895.970	-1.16	Head	2L:+:16962334-16962381	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_21683	TEIDDAPGALCPFQGR	AGAP005549-PA	C11(Carbamidomethyl)	77	2.94E-07	2	1746.820	4.84	Ovary	2L:+:16962115-16962162	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_23177	VQLAQNEAVLSLALVR	AGAP005549-PA	-	102	1.07E-10	2	1724.007	-0.04	Midgut	2L:+:16961929-16961976	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_29884	SWFLAVGLADNTVR	AGAP005549-PA	-	80	1.27E-07	2	1548.816	-0.89	Midgut	2L:+:16961092-16961133	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_31316	VTLETDDDVVSEIK	AGAP005549-PA	-	38	0.003020272	1	1562.779	-0.12	Midgut	2L:+:16959295-16959336	exon=> In CDS Exon 2 of transcript AGAP005549-PA
JHU_Ag_34304	RAENQLIIFADDTHPR	AGAP005549-PA	-	35	0.004110923	2	1895.981	4.84	Ovary	2L:+:16962334-16962381	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_44865	RAENQLIIFADDTHPR	AGAP005549-PA	-	38	0.002349713	3	1895.977	2.32	Malpighian tubule	2L:+:16962334-16962381	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_45785	FGNIAILR	AGAP005549-PA	-	64	1.67E-06	2	903.545	4	Ovary	2L:+:16962436-16962459	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_46417	AENQLIIFADDTHPR	AGAP005549-PA	-	37	0.003553682	1	1739.866	-2.81	Midgut	2L:+:16962337-16962381	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_46459	IISLDPTDCLSPR	AGAP005549-PA	C9(Carbamidomethyl)	45	0.000470131	2	1486.757	0.2	Ovary	2L:+:16961134-16961172	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_56202	LGAVFNQITFPLEYTPK	AGAP005549-PA	-	82	4.55E-08	1	1938.044	3.38	Ovary	2L:+:16961599-16961649	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_56477	IVILEYNPAK	AGAP005549-PA	-	51	5.68E-05	2	1159.669	-3.17	Ovary	2L:+:16958617-16958646	exon=> In CDS Exon 2 of transcript AGAP005549-PA

JHU_Ag_58852	LGAVFNQITFPLEYTPK	AGAP005549-PA	-	79	9.90E-08	2	1938.046	4.76	Visceras	2L:+:16961599-16961649	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_59340	VQLAQNEAVLSLALVR	AGAP005549-PA	-	122	1.11E-12	2	1724.008	0.81	Ovary	2L:+:16961929-16961976	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_67627	ISGGGFIDVYK	AGAP005549-PA	-	67	1.50E-06	1	1155.609	4.05	Ovary	2L:+:16962043-16962075	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_70765	DYAVIGSDSGR	AGAP005549-PA	-	49	0.000140929	2	1139.533	0.62	Ovary	2L:+:16958172-16958172,16958585-16958616	exon=> In CDS Exon 1 and 2 of transcript AGAP005549-PA
JHU_Ag_72532	TQQTLTFYELDLGLNHVVR	AGAP005549-PA	-	38	0.001526283	1	2247.186	4.14	Ovary	2L:+:16958968-16959024	exon=> In CDS Exon 2 of transcript AGAP005549-PA
JHU_Ag_75630	LGAVFNQITFPLEYTPK	AGAP005549-PA	-	91	5.83E-09	1	1938.041	1.99	Midgut	2L:+:16961599-16961649	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_85379	TVLDPVSGDLADTR	AGAP005549-PA	-	75	4.84E-07	2	1458.744	0.36	Ovary	2L:+:16961320-16961361	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_88669	TVLDPVSGDLADTR	AGAP005549-PA	-	88	2.56E-08	2	1458.744	0.11	Midgut	2L:+:16961320-16961361	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_90728	TVLDPVSGDLADTR	AGAP005549-PA	-	80	1.75E-07	2	1458.750	4.54	Malpighian tubule	2L:+:16961320-16961361	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_90874	TQQTLTFYELDLGLNHVVR	AGAP005549-PA	-	39	0.00137001	1	2247.187	4.47	Malpighian tubule	2L:+:16958968-16959024	exon=> In CDS Exon 2 of transcript AGAP005549-PA
JHU_Ag_96290	TQQTLTFYELDLGLNHVVR	AGAP005549-PA	-	42	0.000708586	1	2247.177	0.15	Midgut	2L:+:16958968-16959024	exon=> In CDS Exon 2 of transcript AGAP005549-PA
JHU_Ag_96523	MYLYNFILQR	AGAP005549-PA	-	37	0.003164958	2	1360.710	0.94	Ovary	2L:+:16957947-16957976	exon=> In CDS Exon 1 of transcript AGAP005549-PA
JHU_Ag_98740	LTISSPLEAHK	AGAP005549-PA	-	47	0.000129096	1	1195.668	-0.02	Midgut	2L:+:16958812-16958844	exon=> In CDS Exon 2 of transcript AGAP005549-PA
JHU_Ag_106241	FGNIAILR	AGAP005549-PA	-	43	0.000230866	2	903.541	-0.39	Salivary gland	2L:+:16962436-16962459	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_108481	ATGITHAVHGSFAGTK	AGAP005549-PA	-	79	1.61E-07	2	1554.803	0.34	Head	2L:+:16957977-16958024	exon=> In CDS Exon 1 of transcript AGAP005549-PA
JHU_Ag_108865	LTISSPLEAHK	AGAP005549-PA	-	47	0.000115395	1	1195.668	0.19	Ovary	2L:+:16958812-16958844	exon=> In CDS Exon 2 of transcript AGAP005549-PA
JHU_Ag_111350	LGAVFNQITFPLEYTPKR	AGAP005549-PA	-	65	1.53E-06	1	2094.151	5.98	Malpighian tubule	2L:+:16961599-16961652	exon=> In CDS Exon 4 of transcript AGAP005549-PA
JHU_Ag_65942	IPVPEGASSPVVLVHK	AGAP005550-PA	-	58	6.15E-06	1	1628.937	0.15	Ovary	2L:-:16968699-16968652	exon=> In CDS Exon 4 of transcript AGAP005550-PA
JHU_Ag_90138	IPVPEGASSPVVLVHK	AGAP005550-PA	-	87	7.18E-09	1	1628.938	0.6	Head	2L:-:16968699-16968652	exon=> In CDS Exon 4 of transcript AGAP005550-PA
JHU_Ag_27174	QMSLLQQTISHLNETTHR	AGAP005556-PB,AGAP005556-PA	M2(Oxidation)	34	0.006302726	1	2153.067	-4.56	Head	2L:-:17005753-17005700;2L:-:17005753-17005700	exon=> In CDS Exon 4 of transcript AGAP005556-PB;exon=> In CDS Exon 8 of transcript AGAP005556-PA
JHU_Ag_33766	LGNDLVGTVEITNVDTK	AGAP005556-PB,AGAP005556-PA	-	77	2.10E-07	2	1787.940	1.04	Male reproductive organs	2L:-:17006363-17006313;2L:-:17006363-17006313	exon=> In CDS Exon 2 of transcript AGAP005556-PB;exon=> In CDS Exon 6 of transcript AGAP005556-PA
JHU_Ag_60091	IKPQNTITFSR	AGAP005556-PB,AGAP005556-PA	-	62	5.68E-06	1	1304.732	0.14	Male reproductive organs	2L:-:17006396-17006364;2L:-:17006396-17006364	exon=> In CDS Exon 2 of transcript AGAP005556-PB;exon=> In CDS Exon 6 of transcript AGAP005556-PA
JHU_Ag_109528	SSSVEQHR	AGAP005556-PB,AGAP005556-PA	-	42	0.000418063	1	929.445	1.08	Head	2L:-:17005927-17005904;2L:-:17005927-17005904	exon=> In CDS Exon 4 of transcript AGAP005556-PB;exon=> In CDS Exon 8 of transcript AGAP005556-PA

JHU_Ag_112219	LGNDLVGTVEITNVDTK	AGAP005556-PB,AGAP005556-PA	-	73	6.78E-07	2	1787.940	0.56	Head	2L:-:17006363-17006313;2L:-:17006363-17006313	exon=> In CDS Exon 2 of transcript AGAP005556-PB;exon=> In CDS Exon 6 of transcript AGAP005556-PA
JHU_Ag_1060	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M12(Oxidation)	141	1.01E-13	1	2294.054	-1.24	Midgut	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_1210	RIENVTAQNVR	AGAP005558-PA	N4(Deamidated)	82	9.13E-08	1	1300.689	-6.31	Head	2L:+:17031948-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_2127	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M12(Oxidation)	147	2.94E-14	1	2294.061	1.74	Head	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_2974	LAVASAHDKLCHNFESFNLTYR	AGAP005558-PA	C11(Carbamidomethyl)	64	5.87E-06	1	2593.265	1.19	Salivary gland	2L:+:17031636-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_2991	LLAQLEGPHAICEDIGR	AGAP005558-PA	C12(Carbamidomethyl)	141	1.11E-13	1	1891.969	-0.21	Salivary gland	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_5573	RIENVTAQNVR	AGAP005558-PA	-	81	9.16E-08	1	1299.712	-0.67	Midgut	2L:+:17031948-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_5625	QAELEKLAEK	AGAP005558-PA	-	37	0.002783048	1	1158.636	-0.33	Malpighian tubule	2L:+:17031372-17031401	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_6400	IESTFDGKAPQLSPVR	AGAP005558-PA	-	51	8.51E-05	2	1744.925	1.11	Salivary gland	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_6501	LLAQLEGPHAICEDIGR	AGAP005558-PA	C12(Carbamidomethyl)	129	2.03E-12	1	1891.971	0.83	Visceras	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_6733	IESTFDGKAPQLSPVR	AGAP005558-PA	-	92	7.20E-09	1	1744.921	-1.34	Head	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_6812	IESTFDGKAPQLSPVR	AGAP005558-PA	-	83	5.35E-08	1	1744.927	2.51	Ovary	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_7957	IENVTAQNVR	AGAP005558-PA	-	71	1.07E-06	2	1143.611	-1.04	Pupa	2L:+:17031951-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_8836	IENVTAQNVR	AGAP005558-PA	-	73	6.99E-07	2	1143.612	-0.19	Midgut	2L:+:17031951-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_9361	REPLHDVER	AGAP005558-PA	-	52	8.96E-05	1	1150.597	0.92	Malpighian tubule	2L:+:17031921-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_12007	APQLSPVR	AGAP005558-PA	-	47	0.000118893	1	867.504	-1.38	Ovary	2L:+:17031438-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_12076	HSNGTANFFEHLAFK	AGAP005558-PA	N3(Deamidated)	91	1.32E-08	1	1720.814	3.78	Malpighian tubule	2L:+:17030907-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_12633	REPLHDVER	AGAP005558-PA	-	55	3.78E-05	1	1150.592	-3.92	Head	2L:+:17031921-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_12949	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M4(Oxidation)"	94	3.10E-09	2	1425.630	-3.5	Midgut	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_12972	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	122	1.04E-11	2	1960.986	1.71	Male reproductive organs	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_14663	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	155	4.83E-15	1	1960.982	-0.09	Visceras	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_15367	LCHNFESFNLTYR	AGAP005558-PA	C2(Carbamidomethyl)	100	1.38E-09	1	1700.781	-2.39	Midgut	2L:+:17031663-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_15651	VASESVPSQVATVGLFIDAGSR	AGAP005558-PA	-	140	1.30E-13	1	2190.146	2.67	Malpighian tubule	2L:+:17030829-17030894	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_15660	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	79	2.24E-07	2	1002.539	-0.67	Pupa	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_15984	IENVTAQNVR	AGAP005558-PA	-	75	4.08E-07	2	1143.610	-1.36	Visceras	2L:+:17031951-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_18304	QVLALGR	AGAP005558-PA	-	35	0.001821343	2	756.473	-0.06	Salivary gland	2L:+:17031900-17031920	exon=> In CDS Exon 1 of transcript AGAP005558-PA

JHU_Ag_20701	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl), M4(Oxidation)	80	8.87E-08	1	1425.637	1.12	Ovary	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_20947	RSQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M13(Oxidation)	118	2.56E-11	1	2466.157	1.65	Midgut	2L:+:17030964-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_21187	EVILGEIEQVDAGNLR	AGAP005558-PA	-	105	3.00E-10	2	1754.928	-0.49	Male reproductive organs	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_21303	HSNGTANFFEHLAFK	AGAP005558-PA	N3(Deamidated)	108	2.73E-10	2	1719.825	0.46	Visceras	2L:+:17030907-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_21991	EVILGEIEQVDAGNLR	AGAP005558-PA	-	116	2.65E-11	1	1754.928	-0.49	Ovary	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_22426	RIENVTAQNVR	AGAP005558-PA	-	81	9.34E-08	1	1299.713	0.08	Pupa	2L:+:17031948-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_22716	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	108	1.90E-10	1	3186.574	4.32	Ovary	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_23152	LCHNFESFNLTYR	AGAP005558-PA	C2(Carbamidomethyl)	88	2.28E-08	1	1700.791	3.35	Salivary gland	2L:+:17031663-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_23609	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	160	1.28E-15	1	3186.565	1.56	Head	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_23746	YEDKHSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated)	129	1.63E-12	1	2256.037	0.58	Pupa	2L:+:17030895-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_23930	LVEILADVVQNPR	AGAP005558-PA	-	48	5.16E-05	2	1465.844	4.63	Larva	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_24367	LLAQLEGPHAICEDIGR	AGAP005558-PA	C12(Carbamidomethyl)	96	3.67E-09	1	1891.970	0.12	Pupa	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_24766	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	46	0.000496016	2	1018.538	2.83	Larva	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_24939	APQLSPVR	AGAP005558-PA	-	56	1.13E-05	1	867.509	4.39	Salivary gland	2L:+:17031438-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_25115	FTGSEMR	AGAP005558-PA	M6(Oxidation)	35	0.001667969	2	827.370	-2.55	Head	2L:+:17031462-17031482	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_25551	IESTFDGK	AGAP005558-PA	-	47	0.000202116	2	896.436	-0.21	Salivary gland	2L:+:17031414-17031437	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_25771	QVLALGR	AGAP005558-PA	-	33	0.002131984	2	756.472	-0.71	Head	2L:+:17031900-17031920	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_25881	LAVASAHDK	AGAP005558-PA	-	54	2.73E-05	2	911.494	-0.13	Salivary gland	2L:+:17031636-17031662	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_26159	LLAQLEGPHAICEDIGR	AGAP005558-PA	C12(Carbamidomethyl)	110	1.58E-10	1	1891.965	-2.21	Male reproductive organs	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_27077	RIENVTAQNVR	AGAP005558-PA	-	85	3.78E-08	1	1299.715	1.68	Malpighian tubule	2L:+:17031948-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_29316	IESTFDGKAPQLSPVR	AGAP005558-PA	-	111	7.99E-11	1	1744.924	0.41	Male reproductive organs	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_29534	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	110	1.21E-10	1	3186.568	2.48	Salivary gland	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_29856	VASESVPSQVATVGLFIDAGSR	AGAP005558-PA	-	130	1.18E-12	1	2190.144	1.55	Head	2L:+:17030829-17030894	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_30052	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	171	1.03E-16	1	3186.563	0.87	Midgut	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_30130	LDDADVK	AGAP005558-PA	-	48	0.000166859	2	775.382	-1	Head	2L:+:17031120-17031140	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_30143	EVILGEIEQVDAGNLR	AGAP005558-PA	-	125	2.96E-12	1	1754.927	-0.63	Pupa	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_30950	APQLSPVR	AGAP005558-PA	-	47	0.000106486	1	867.504	-0.39	Pupa	2L:+:17031438-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA

JHU_Ag_31110	RSQSALEQEVESMGAQLDASTGR	AGAP005558-PA	Q3(Deamidated), M13(Oxidation),"Q8(Deamidated), M13(Oxidation)","M13(Oxidation), Q16(Deamidated)",M13(Oxidation)	175	4.99E-17	1	2466.146	-2.58	Head	2L:+:17030964-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_31120	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	128	2.03E-12	1	3186.564	1.22	Visceras	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_31825	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	61	1.51E-05	2	1018.535	-0.22	Male reproductive organs	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_31858	HSNGTANFFEHLAFK	AGAP005558-PA	N3(Deamidated)	81	1.27E-07	1	1720.808	0.06	Salivary gland	2L:+:17030907-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_32622	LAVASAHDK	AGAP005558-PA	-	54	1.95E-05	2	911.492	-3.21	Head	2L:+:17031636-17031662	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_32952	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	75	5.75E-07	2	1002.538	-1.83	Midgut	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_32965	EVILGEIEQVDAGNLR	AGAP005558-PA	-	132	6.30E-13	1	1754.929	0.06	Salivary gland	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_33168	EVILGEIEQVDAGNLR	AGAP005558-PA	-	121	7.97E-12	2	1754.932	2.15	Head	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_34289	GYVNSHYKAPR	AGAP005558-PA	-	53	8.61E-05	2	1291.655	0.85	Malpighian tubule	2L:+:17031309-17031341	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_35561	LCHNFESFNLTYR	AGAP005558-PA	C2(Carbamidomethyl)	102	8.66E-10	1	1700.787	1.27	Malpighian tubule	2L:+:17031663-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_36252	LVEILADVVQNPR	AGAP005558-PA	-	107	6.38E-11	1	1465.836	-1.12	Salivary gland	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_37500	EVILGEIEQVDAGNLR	AGAP005558-PA	-	102	6.88E-10	1	1754.925	-2.16	Midgut	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_37581	TRLLAQLEGPHAICEDIGR	AGAP005558-PA	C14(Carbamidomethyl)	69	1.51E-06	1	2149.124	2.48	Malpighian tubule	2L:+:17031843-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_38129	VASESVPSQVATVGLFIDAGSR	AGAP005558-PA	Q9(Deamidated)	116	3.05E-11	2	2190.136	-2.01	Midgut	2L:+:17030829-17030894	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_38789	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M4(Oxidation)"	79	9.44E-08	1	1425.633	-1.19	Head	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_39449	REPLHDVER	AGAP005558-PA	-	51	0.000112092	1	1150.596	-0.1	Midgut	2L:+:17031921-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_40823	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	162	1.01E-15	1	1960.984	0.72	Head	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_41109	REPLHDVER	AGAP005558-PA	-	46	0.000315265	1	1150.596	-0.74	Salivary gland	2L:+:17031921-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_41423	EVILGEIEQVDAGNLR	AGAP005558-PA	-	70	8.85E-07	2	1754.934	3.4	Larva	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_41459	IESTFDGKAPQLSPVR	AGAP005558-PA	-	109	1.16E-10	1	1744.925	1.11	Malpighian tubule	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_42150	AREVILGEIEQVDAGNLR	AGAP005558-PA	-	127	1.39E-12	1	1982.068	0.83	Midgut	2L:+:17031144-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_42194	LCHNFESFNLTYR	AGAP005558-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), N9(Deamidated)"	92	8.92E-09	1	1700.783	-1.17	Head	2L:+:17031663-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_44124	EVILGEIEQVDAGNLR	AGAP005558-PA	-	134	4.70E-13	1	1754.929	0.61	Visceras	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_44890	RIENVTAQNVR	AGAP005558-PA	-	76	2.86E-07	1	1299.714	0.55	Visceras	2L:+:17031948-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA

JHU_Ag_44943	LLAQLEGPHAICEDIGR	AGAP005558-PA	C12(Carbamidomethyl)	126	4.08E-12	1	1891.966	-1.88	Midgut	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_44966	IESTFDGK	AGAP005558-PA	-	46	0.000267563	2	896.435	-0.96	Head	2L:+:17031414-17031437	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_45228	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	162	1.01E-15	1	1960.980	-1.15	Ovary	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_46088	YEDKHSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated)	117	2.75E-11	1	2255.059	3.35	Malpighian tubule	2L:+:17030895-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_46191	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	66	4.98E-06	1	1002.538	-2.38	Head	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_46281	LCHNFESFNLTYR	AGAP005558-PA	C2(Carbamidomethyl)	96	3.47E-09	1	1700.787	1.27	Visceras	2L:+:17031663-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_47994	TFGGGVNNASK	AGAP005558-PA	-	69	2.25E-06	1	1051.512	-4.16	Head	2L:+:17031603-17031635	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_48176	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	161	9.95E-16	1	3186.563	0.76	Malpighian tubule	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_48539	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	149	2.05E-14	1	1960.985	1.28	Salivary gland	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_48660	TFGGGVNNASK	AGAP005558-PA	-	56	3.81E-05	2	1051.513	-4.04	Salivary gland	2L:+:17031603-17031635	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_48913	GYVNSHYK	AGAP005558-PA	-	55	2.87E-05	1	967.458	-5.39	Head	2L:+:17031309-17031332	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_50409	HSNGTANFFEHLAFK	AGAP005558-PA	-	68	2.92E-06	1	1719.827	1.66	Ovary	2L:+:17030907-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_51534	LAVASAHDKLCHNFESFNLTYR	AGAP005558-PA	C11(Carbamidomethyl)	64	7.04E-06	1	2593.260	-0.5	Visceras	2L:+:17031636-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_51594	APQLSPVR	AGAP005558-PA	-	56	1.34E-05	2	867.503	-1.8	Midgut	2L:+:17031438-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_51939	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	147	2.96E-14	1	1960.979	-1.77	Midgut	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_53822	LAVASAHDKLCHNFESFNLTYR	AGAP005558-PA	C11(Carbamidomethyl)	44	0.000691597	1	2593.260	-0.6	Malpighian tubule	2L:+:17031636-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_53971	LCHNFESFNLTYR	AGAP005558-PA	C2(Carbamidomethyl)	75	3.93E-07	2	1700.791	3.5	Ovary	2L:+:17031663-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_53978	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M12(Oxidation)	116	3.04E-11	2	2310.052	0.02	Male reproductive organs	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_54734	GYVNSHYK	AGAP005558-PA	-	37	0.001946731	1	967.463	-0.53	Salivary gland	2L:+:17031309-17031332	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_56074	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	66	4.35E-06	1	1018.535	0.25	Ovary	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_57966	IESTFDGK	AGAP005558-PA	-	37	0.001856095	1	896.437	1.42	Malpighian tubule	2L:+:17031414-17031437	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_58171	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	80	1.67E-07	1	1002.541	0.73	Salivary gland	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_61069	AREVILGEIEQVDAGNLR	AGAP005558-PA	-	92	5.00E-09	1	1982.066	-0.26	Male reproductive organs	2L:+:17031144-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_62176	LLAQLEGPHAICEDIGR	AGAP005558-PA	C12(Carbamidomethyl)	130	1.40E-12	1	1891.971	0.57	Malpighian tubule	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_62267	HSNGTANFFEHLAFK	AGAP005558-PA	N3(Deamidated)	76	4.46E-07	1	1720.811	1.87	Pupa	2L:+:17030907-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_62428	LVEILADVVQNPR	AGAP005558-PA	-	109	4.84E-11	2	1465.836	-0.62	Midgut	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_62496	VASESVPSQVATVGLFIDAGSR	AGAP005558-PA	-	96	2.71E-09	2	2190.143	1.11	Pupa	2L:+:17030829-17030894	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_63213	REPLHDVER	AGAP005558-PA	-	55	4.20E-05	1	1150.596	-0.5	Visceras	2L:+:17031921-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA

JHU_Ag_64499	VASESVPSQVATVGLFIDAGSR	AGAP005558-PA	-	83	5.47E-08	1	2190.143	1.11	Male reproductive organs	2L:+:17030829-17030894	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_64851	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	76	4.91E-07	1	1002.540	-0.55	Malpighian tubule	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_65184	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	92	5.92E-09	1	1425.636	0.44	Malpighian tubule	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_67375	LAVASAHDKLCHNFESFNLTYR	AGAP005558-PA	C11(Carbamidomethyl)	138	2.38E-13	1	2593.262	-0.05	Midgut	2L:+:17031636-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_67536	QVLALGR	AGAP005558-PA	-	41	0.000411196	2	756.473	-0.23	Visceras	2L:+:17031900-17031920	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_68942	LDDADVKR	AGAP005558-PA	-	51	0.00014908	2	931.485	1.02	Malpighian tubule	2L:+:17031120-17031143	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_68979	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	-	166	3.59E-16	1	2294.063	2.91	Malpighian tubule	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_69359	LLAQLEGPHAICEDIGRQVLALGR	AGAP005558-PA	C12(Carbamidomethyl)	68	4.37E-07	1	2629.432	2.81	Malpighian tubule	2L:+:17031849-17031920	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_69620	LCHNFESFNLTYR	AGAP005558-PA	C2(Carbamidomethyl)	47	0.000274167	1	1700.786	0.65	Pupa	2L:+:17031663-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_70258	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	81	8.48E-08	1	1409.642	1.25	Salivary gland	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_71513	FTGSEMR	AGAP005558-PA	M6(Oxidation)	41	0.000386985	2	843.366	-0.45	Midgut	2L:+:17031462-17031482	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_71640	IENVTAQNVR	AGAP005558-PA	-	75	3.96E-07	2	1143.611	-0.29	Head	2L:+:17031951-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_71947	YEDKHSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated)	116	2.97E-11	1	2256.035	-0.39	Male reproductive organs	2L:+:17030895-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_73406	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	162	9.43E-16	1	1960.981	-0.59	Pupa	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_73428	YEDKHSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated)	125	4.86E-12	1	2255.061	3.95	Visceras	2L:+:17030895-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_73470	LVEILADVVQNPR	AGAP005558-PA	-	107	6.23E-11	2	1465.839	1.38	Pupa	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_73973	LVEILADVVQNPR	AGAP005558-PA	-	95	1.07E-09	1	1465.840	1.55	Ovary	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_75205	RSQSALEQEVESMGAQLDASTGR	AGAP005558-PA	-	66	3.93E-06	1	2450.165	2.9	Malpighian tubule	2L:+:17030964-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_75549	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M12(Oxidation)	102	7.99E-10	1	2310.054	1.15	Ovary	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_75661	QVLALGRR	AGAP005558-PA	-	27	0.005343734	1	912.574	0.43	Malpighian tubule	2L:+:17031900-17031923	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_75988	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	92	6.08E-09	1	1409.639	-0.57	Visceras	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_76158	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl), M4(Oxidation)	75	2.78E-07	1	1425.635	0.1	Male reproductive organs	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_78532	EPLHDVER	AGAP005558-PA	-	50	0.000147614	1	994.490	-5.14	Head	2L:+:17031924-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_79334	APQLSPVR	AGAP005558-PA	-	56	1.35E-05	1	867.504	-0.88	Head	2L:+:17031438-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_79830	HSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated),N3(Deamidated)	124	7.26E-12	1	1719.827	1.81	Head	2L:+:17030907-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_79885	VASESVPSQVATVGLFIDAGSR	AGAP005558-PA	-	88	1.39E-08	2	2190.156	7.01	Salivary gland	2L:+:17030829-17030894	exon=> In CDS Exon 1 of transcript AGAP005558-PA

JHU_Ag_81349	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M12(Oxidation)	138	2.51E-13	2	2294.059	1.2	Visceras	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_82519	RSQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M13(Oxidation)	66	4.12E-06	1	2466.155	1.05	Salivary gland	2L:+:17030964-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_84165	HSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated),N3(Deamidated)	109	1.95E-10	1	1719.822	-1.32	Midgut	2L:+:17030907-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_85693	FTGSEMR	AGAP005558-PA	M6(Oxidation)	50	5.08E-05	2	843.367	-0.09	Salivary gland	2L:+:17031462-17031482	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_86629	LAVASAHDK	AGAP005558-PA	-	48	0.000109392	2	911.497	3.02	Malpighian tubule	2L:+:17031636-17031662	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_86647	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M12(Oxidation)	135	4.17E-13	2	2310.051	-0.3	Salivary gland	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_86659	GYVNSHYK	AGAP005558-PA	-	37	0.002285098	1	967.464	0.41	Visceras	2L:+:17031309-17031332	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_86994	DVPKLVEILADVVQNPR	AGAP005558-PA	-	58	2.98E-06	1	1905.092	6.18	Malpighian tubule	2L:+:17031069-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_87194	RIENVTAQNVR	AGAP005558-PA	-	81	8.75E-08	1	1299.716	2.15	Ovary	2L:+:17031948-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_87592	IESTFDGK	AGAP005558-PA	-	43	0.000547772	2	896.436	-0.21	Midgut	2L:+:17031414-17031437	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_88928	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	56	3.05E-05	3	3186.564	1.22	Male reproductive organs	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_88960	RSQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M13(Oxidation)	133	8.51E-13	1	2466.152	-0.36	Male reproductive organs	2L:+:17030964-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_89033	LVEILADVVQNPR	AGAP005558-PA	-	95	1.13E-09	1	1465.836	-0.71	Male reproductive organs	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_89269	IESTFDGKAPQLSPVR	AGAP005558-PA	-	105	3.41E-10	1	1744.923	-0.08	Visceras	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_89271	VASESVPSQVATVGLFIDAGSR	AGAP005558-PA	-	141	9.53E-14	1	2190.145	2.11	Visceras	2L:+:17030829-17030894	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_90172	LVEILADVVQNPR	AGAP005558-PA	-	107	5.79E-11	1	1465.839	0.88	Malpighian tubule	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_90387	YEDKHSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated)	155	4.42E-15	1	2256.041	2.31	Salivary gland	2L:+:17030895-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_90938	IESTFDGKAPQLSPVR	AGAP005558-PA	-	105	3.10E-10	1	1744.925	1.18	Pupa	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_90971	LVEILADVVQNPR	AGAP005558-PA	N11(Deamidated)	107	6.18E-11	1	1465.839	1.21	Head	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_91210	SQSALEQEVESMGAQLDASTGRDQTSFTAR	AGAP005558-PA	M12(Oxidation)	209	1.61E-20	1	3216.472	0.28	Malpighian tubule	2L:+:17030967-17031056	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_91358	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	104	4.55E-10	1	3186.576	5.01	Larva	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_91603	SALSNEPATEVTTLDSGLR	AGAP005558-PA	-	155	5.13E-15	1	1960.982	-0.15	Malpighian tubule	2L:+:17030772-17030828	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_92242	LLAQLEGPHAICEDIGR	AGAP005558-PA	C12(Carbamidomethyl)	123	6.99E-12	1	1891.976	3.54	Ovary	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_92606	QVLALGR	AGAP005558-PA	-	41	0.000368376	2	756.473	0.34	Pupa	2L:+:17031900-17031920	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_92970	AREVILGEIEQVDAGNLR	AGAP005558-PA	-	75	2.41E-07	1	1982.068	0.76	Pupa	2L:+:17031144-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_93366	EVILGEIEQVDAGNLR	AGAP005558-PA	-	127	2.06E-12	1	1754.931	1.25	Malpighian tubule	2L:+:17031150-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_94727	EVVFDHLHSTAFQGTSLSNTVWGPSSNIR	AGAP005558-PA	-	137	2.43E-13	1	3186.565	1.33	Pupa	2L:+:17031198-17031284	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_94900	AREVILGEIEQVDAGNLR	AGAP005558-PA	-	63	3.58E-06	2	1982.066	-0.28	Malpighian tubule	2L:+:17031144-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA

JHU_Ag_95215	LAVASAHDK	AGAP005558-PA	-	58	1.03E-05	2	911.495	0	Visceras	2L:+:17031636-17031662	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_95801	APQLSPVR	AGAP005558-PA	-	56	1.40E-05	1	867.504	-1.1	Malpighian tubule	2L:+:17031438-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_96821	IESTFDGKAPQLSPVR	AGAP005558-PA	-	98	1.87E-09	1	1744.921	-1.13	Midgut	2L:+:17031414-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_96923	YEDKHSNGTANFFEHLAFK	AGAP005558-PA	N7(Deamidated),N11(Deamidated)	169	1.51E-16	1	2256.028	-3.42	Midgut	2L:+:17030895-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_97403	RSQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M13(Oxidation)	76	3.59E-07	2	2450.166	3.3	Visceras	2L:+:17030964-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_97644	SQSALEQEVESMGAQLDASTGRDQTSFTAR	AGAP005558-PA	-	104	4.87E-10	1	3200.496	6.1	Pupa	2L:+:17030967-17031056	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_99307	AREVILGEIEQVDAGNLR	AGAP005558-PA	-	85	2.57E-08	1	1982.064	-1.09	Salivary gland	2L:+:17031144-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_99573	MVLAAAGDVR	AGAP005558-PA	M1(Oxidation)	85	5.48E-08	2	1002.539	-1.4	Visceras	2L:+:17031342-17031371	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_99950	LCTMVTDGEVER	AGAP005558-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M4(Oxidation)"	69	1.01E-06	2	1425.634	-0.42	Pupa	2L:+:17031789-17031824	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_100424	LDDADVKR	AGAP005558-PA	-	51	0.000144326	2	931.483	-1.01	Salivary gland	2L:+:17031120-17031143	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_101752	LAVASAHDKLCHNFESFNLTYR	AGAP005558-PA	C11(Carbamidomethyl)	166	3.68E-16	1	2593.264	0.87	Head	2L:+:17031636-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_101769	RIENVTAQNVR	AGAP005558-PA	-	81	9.62E-08	1	1299.713	-0.01	Salivary gland	2L:+:17031948-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_102961	SQSALEQEVESMGAQLDASTGR	AGAP005558-PA	M12(Oxidation)	103	7.30E-10	2	2310.055	1.6	Pupa	2L:+:17030967-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_107290	LAVASAHDKLCHNFESFNLTYR	AGAP005558-PA	C11(Carbamidomethyl)	70	1.63E-06	1	2593.271	3.54	Ovary	2L:+:17031636-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_108499	AREVILGEIEQVDAGNLR	AGAP005558-PA	-	127	1.55E-12	1	1982.070	1.81	Visceras	2L:+:17031144-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_108671	EPLHDVER	AGAP005558-PA	-	38	0.002814473	1	994.492	-3.49	Malpighian tubule	2L:+:17031924-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_110140	RSQSALEQEVESMGAQLDASTGR	AGAP005558-PA	-	55	4.97E-05	3	2450.168	4.32	Pupa	2L:+:17030964-17031032	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_110950	AREVILGEIEQVDAGNLR	AGAP005558-PA	-	106	1.93E-10	1	1982.069	1.38	Head	2L:+:17031144-17031197	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_111042	LVEILADVVQNPRLDDADVK	AGAP005558-PA	-	81	4.25E-08	1	2222.208	2.19	Malpighian tubule	2L:+:17031081-17031140	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_111796	DQTSFTAR	AGAP005558-PA	-	43	0.000519026	2	925.440	2.38	Malpighian tubule	2L:+:17031033-17031056	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_112250	IENVTAQNVR	AGAP005558-PA	-	75	3.99E-07	1	1143.615	2.91	Malpighian tubule	2L:+:17031951-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_112662	GYVNSHYK	AGAP005558-PA	-	44	0.000447615	1	967.464	0.54	Malpighian tubule	2L:+:17031309-17031332	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_113079	GYVNSHYK	AGAP005558-PA	-	46	0.000291948	1	967.463	-0.47	Midgut	2L:+:17031309-17031332	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_113526	TFGGGVNNASK	AGAP005558-PA	-	70	1.61E-06	2	1051.518	1.41	Malpighian tubule	2L:+:17031603-17031635	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_113637	LAVASAHDKLCHNFESFNLTYR	AGAP005558-PA	C11(Carbamidomethyl)	130	1.54E-12	1	2593.256	-2.17	Male reproductive organs	2L:+:17031636-17031701	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_114067	LVEILADVVQNPR	AGAP005558-PA	-	94	1.17E-09	2	1465.840	2.05	Visceras	2L:+:17031081-17031119	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_114446	REPLHDVER	AGAP005558-PA	-	51	0.000128482	1	1150.594	-1.93	Ovary	2L:+:17031921-17031947	exon=> In CDS Exon 1 of transcript AGAP005558-PA

JHU_Ag_114848	LLAQLEGPHAICEDIGR	AGAP005558-PA	Q4(Deamidated), C12(Carbamidomethyl),C12(Carbamidomethyl)	135	4.17E-13	1	1891.970	0.12	Head	2L:+:17031849-17031899	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_114891	LAVASAHDK	AGAP005558-PA	-	53	3.15E-05	2	911.494	-1.13	Midgut	2L:+:17031636-17031662	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_116635	YEDKHSNGTANFFEHLAFK	AGAP005558-PA	-	132	8.41E-13	1	2255.052	0.31	Head	2L:+:17030895-17030951	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_116651	IENVTAQNVR	AGAP005558-PA	-	65	3.69E-06	1	1143.612	0.35	Ovary	2L:+:17031951-17031980	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_116698	APQLSPVR	AGAP005558-PA	-	56	1.35E-05	1	867.504	-1.03	Visceras	2L:+:17031438-17031461	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_116941	TFGGGVNNASK	AGAP005558-PA	-	75	5.05E-07	2	1051.516	-0.56	Midgut	2L:+:17031603-17031635	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_117459	IENVTAQNVRDVAMR	AGAP005558-PA	M14(Oxidation)	72	8.31E-07	1	1731.881	0.3	Malpighian tubule	2L:+:17031951-17031995	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_117765	ADDVRGYVNSHYK	AGAP005558-PA	-	39	0.001783749	1	1523.725	0.74	Malpighian tubule	2L:+:17031294-17031332	exon=> In CDS Exon 1 of transcript AGAP005558-PA
JHU_Ag_2969	SSMYWTRL	AGAP005558-PA,AGAP000935-PA	-	44	0.000357403	1	1043.500	1.81	Malpighian tubule	2L:+:17032071-17032094;X:+:17671142-17671165	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_4473	SSMYWTR	AGAP005558-PA,AGAP000935-PA	M3(Oxidation)	30	0.003338212	2	946.408	-1.18	Pupa	2L:+:17032071-17032091;X:+:17671142-17671162	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_32743	SSMYWTR	AGAP005558-PA,AGAP000935-PA	-	34	0.001758784	2	930.414	-0.04	Midgut	2L:+:17032071-17032091;X:+:17671142-17671162	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_34869	SSMYWTR	AGAP005558-PA,AGAP000935-PA	M3(Oxidation)	35	0.001203541	2	930.413	-0.76	Head	2L:+:17032071-17032091;X:+:17671142-17671162	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_61869	SSMYWTR	AGAP005558-PA,AGAP000935-PA	M3(Oxidation)	47	6.04E-05	2	946.408	-0.6	Salivary gland	2L:+:17032071-17032091;X:+:17671142-17671162	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_114625	SSMYWTR	AGAP005558-PA,AGAP000935-PA	M3(Oxidation)	34	0.001790653	2	930.415	1.14	Malpighian tubule	2L:+:17032071-17032091;X:+:17671142-17671162	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 3 of transcript AGAP000935-PA
JHU_Ag_8043	CPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C1(Carbamidomethyl), M17(Oxidation)	58	2.97E-05	1	1974.950	4.4	Malpighian tubule	2L:+:17032011-17032064;2R:+:9603750-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_18353	YIFDRCPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C6(Carbamidomethyl), M22(Oxidation)	42	0.000983469	1	2669.298	4.92	Pupa	2L:+:17031996-17032064;2R:+:9603735-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_28837	YIFDRCPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C6(Carbamidomethyl), M22(Oxidation)	65	5.11E-06	1	2669.286	0.19	Male reproductive organs	2L:+:17031996-17032064;2R:+:9603735-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_86290	CPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C1(Carbamidomethyl), M17(Oxidation)	64	8.09E-06	2	1974.940	-0.79	Salivary gland	2L:+:17032011-17032064;2R:+:9603750-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_86978	CPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C1(Carbamidomethyl)	58	2.82E-05	1	1958.948	0.72	Pupa	2L:+:17032011-17032064;2R:+:9603750-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_87394	YIFDRCPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C6(Carbamidomethyl), M22(Oxidation),C6(Carbamidomethyl)	105	5.84E-10	1	2669.288	1.22	Malpighian tubule	2L:+:17031996-17032064;2R:+:9603735-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA

JHU_Ag_112038	CPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C1(Carbamidomethyl), M17(Oxidation),C1(Carbamidomethyl)	107	3.52E-10	1	1974.942	0.39	Head	2L:+:17032011-17032064;2R:+:9603750-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_114054	CPAVAAVGPVENLPDYMR	AGAP005558-PA,AGAP001767-PA	C1(Carbamidomethyl), M17(Oxidation),C1(Carbamidomethyl)	141	1.53E-13	1	1974.936	-2.77	Midgut	2L:+:17032011-17032064;2R:+:9603750-9603803	exon=> In CDS Exon 1 of transcript AGAP005558-PA;exon=> In CDS Exon 1 of transcript AGAP001767-PA
JHU_Ag_328	IAHLVLK	AGAP005559-PA	-	24	0.000788915	1	793.529	-0.07	Midgut	2L:+:17032993-17033013	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_2205	NNDTFTAFINVLNGK	AGAP005559-PA	-	49	0.00021603	2	1667.835	-2.58	Midgut	2L:+:17033164-17033208	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_2883	IVVFVGSPVEHDEGELVK	AGAP005559-PA	-	84	3.99E-08	1	1953.036	1.63	Head	2L:+:17033044-17033097	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_3311	NNDTFTAFINVLNGK	AGAP005559-PA	-	110	1.49E-10	1	1667.842	1.73	Ovary	2L:+:17033164-17033208	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_3350	IVVFVGSPVEHDEGELVK	AGAP005559-PA	-	38	0.001545283	1	1953.040	3.88	Larva	2L:+:17033044-17033097	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_14091	DGVNLVCLSK	AGAP005559-PA	C7(Carbamidomethyl)	47	0.000272955	2	1104.571	-0.33	Male reproductive organs	2L:+:17032810-17032839	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_17197	EKVNVDIVSFGDHQK	AGAP005559-PA	-	48	0.000244547	1	1714.878	1.24	Salivary gland	2L:+:17033119-17033163	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_17807	VNVDIVSFGDHQK	AGAP005559-PA	-	74	5.34E-07	1	1457.743	3.15	Salivary gland	2L:+:17033125-17033163	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_20274	DGVNLVCLSK	AGAP005559-PA	C7(Carbamidomethyl)	59	1.99E-05	2	1104.572	0.55	Salivary gland	2L:+:17032810-17032839	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_22641	DGVNLVCLSK	AGAP005559-PA	C7(Carbamidomethyl)	42	0.000940837	2	1104.571	-0.99	Ovary	2L:+:17032810-17032839	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_28604	IVVFVGSPVEHDEGELVK	AGAP005559-PA	-	89	1.11E-08	1	1953.031	-0.87	Malpighian tubule	2L:+:17033044-17033097	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_37313	DGTGSHLVCVPR	AGAP005559-PA	C9(Carbamidomethyl)	47	0.000270753	1	1297.629	-2.01	Midgut	2L:+:17033209-17033244	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_38304	ATANSAADGTAGAGAGAGSDK	AGAP005559-PA	-	126	2.89E-12	2	1720.775	0.85	Head	2L:+:17033434-17033496	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_38486	IAHLVLK	AGAP005559-PA	-	35	6.41E-05	1	793.537	9.39	Male reproductive organs	2L:+:17032993-17033013	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_44111	LRQEEEQR	AGAP005559-PA	-	43	0.000653039	2	1087.554	4.27	Male reproductive organs	2L:+:17033407-17033430	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_46453	VNVDIVSFGDHQK	AGAP005559-PA	-	70	1.48E-06	1	1457.740	1.3	Head	2L:+:17033125-17033163	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_46544	VNVDIVSFGDHQK	AGAP005559-PA	-	83	6.18E-08	1	1457.737	-1.12	Midgut	2L:+:17033125-17033163	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_47097	VLESTMVCFDNSDYQR	AGAP005559-PA	M6(Oxidation), C8(Carbamidomethyl)	107	1.13E-10	1	1979.848	0.32	Midgut	2L:+:17032723-17032770	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_58252	NGDYFPTR	AGAP005559-PA	N1(Deamidated)	41	0.000387877	1	970.426	-0.08	Salivary gland	2L:+:17032771-17032794	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_67629	IAHLVLK	AGAP005559-PA	-	39	2.68E-05	1	793.530	0.38	Ovary	2L:+:17032993-17033013	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_73002	IVVFVGSPVEHDEGELVK	AGAP005559-PA	-	122	6.00E-12	1	1953.032	-0.43	Midgut	2L:+:17033044-17033097	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_75767	IAHLVLK	AGAP005559-PA	-	35	6.08E-05	2	793.529	-0.7	Head	2L:+:17032993-17033013	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_78157	DGVNLVCLSK	AGAP005559-PA	C7(Carbamidomethyl)	42	0.000968481	1	1104.572	0.29	Midgut	2L:+:17032810-17032839	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_78739	DGTGSHLVCVPR	AGAP005559-PA	C9(Carbamidomethyl)	51	0.000111008	1	1297.638	4.67	Ovary	2L:+:17033209-17033244	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_82184	IVVFVGSPVEHDEGELVK	AGAP005559-PA	-	63	5.15E-06	1	1953.032	-0.34	Salivary gland	2L:+:17033044-17033097	exon=> In CDS Exon 1 of transcript AGAP005559-PA

JHU_Ag_84776	IVVFVGSPVEHDEGELVK	AGAP005559-PA	-	58	1.66E-05	1	1953.031	-0.81	Ovary	2L:+:17033044-17033097	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_91238	LHLVNPNGNINLMTGLR	AGAP005559-PA	M13(Oxidation)	81	7.77E-08	1	1892.018	0.33	Head	2L:+:17032942-17032992	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_95058	DGTGSHLVCVPR	AGAP005559-PA	C9(Carbamidomethyl)	71	1.08E-06	1	1297.632	-0.13	Salivary gland	2L:+:17033209-17033244	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_98136	ATANSAADGTAGAGAGAGSDK	AGAP005559-PA	-	108	1.56E-10	1	1720.773	-0.22	Salivary gland	2L:+:17033434-17033496	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_100312	VNVDIVSFGDHQK	AGAP005559-PA	-	74	6.04E-07	1	1457.741	1.46	Ovary	2L:+:17033125-17033163	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_100463	NGDYFPTR	AGAP005559-PA	N1(Deamidated)	46	0.000132 74	2	970.426	-0.9	Ovary	2L:+:17032771-17032794	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_112279	LHLVNPNGNINLMTGLR	AGAP005559-PA	M13(Oxidation)	38	0.001295 359	1	1892.016	-0.44	Salivary gland	2L:+:17032942-17032992	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_112904	LHLVNPNGNINLMTGLR	AGAP005559-PA	M13(Oxidation)	53	4.71E-05	1	1892.015	-1.02	Midgut	2L:+:17032942-17032992	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_115173	LHLVNPNGNINLMTGLR	AGAP005559-PA	M13(Oxidation)	68	1.32E-06	1	1892.016	-0.44	Ovary	2L:+:17032942-17032992	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_116126	SNPENNVGLMTLSNTTEVLATLTSDVG R	AGAP005559-PA	M10(Oxidation)	107	2.43E-10	1	2949.450	1	Ovary	2L:+:17032846-17032929	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_116492	EASGAAAGTGAGASASAGGSEPHAEE AMLER	AGAP005559-PA	M28(Oxidation)	62	5.35E-06	3	2816.250	3.79	Head	2L:+:17033497-17033589	exon=> In CDS Exon 1 of transcript AGAP005559-PA
JHU_Ag_5465	LNDNCVIEISNLR	AGAP005560-PA	C5(Carbamidomethyl)	50	0.000175 432	2	1559.783	-0.92	Ovary	2L:-:17034702-17036062,17034494-17034572	exon=> In CDS Exon 3 and 2 of transcript AGAP005560-PA
JHU_Ag_11864	TGPVTLNPEETLDDVIHHEVK	AGAP005561-PA	-	55	3.57E-05	1	2343.185	0.99	Head	2L:+:17046468-17046530	exon=> In CDS Exon 2 of transcript AGAP005561-PA
JHU_Ag_18453	GRLQTSQLQR	AGAP005561-PA	Q7(Deamidated)	45	0.000485 094	1	1187.633	-13.83	Malpighian tubule	2L:+:17047031-17047060	exon=> In CDS Exon 3 of transcript AGAP005561-PA
JHU_Ag_9370	TLQHHQPQR	AGAP005563-PA	-	52	8.95E-05	1	1144.598	0.54	Visceras	2L:+:17071170-17071196	exon=> In CDS Exon 2 of transcript AGAP005563-PA
JHU_Ag_46741	IDADITKPVIIDLK	AGAP005563-PA	-	62	1.26E-06	1	1553.921	4.08	Malpighian tubule	2L:+:17071744-17071785	exon=> In CDS Exon 3 of transcript AGAP005563-PA
JHU_Ag_52833	TFSPILETDDTNPFLEPVEK	AGAP005563-PA	-	110	1.70E-10	1	2292.134	2.53	Visceras	2L:+:17071197-17071256	exon=> In CDS Exon 2 of transcript AGAP005563-PA
JHU_Ag_72902	IDADITKPVIIDLK	AGAP005563-PA	-	50	2.23E-05	1	1553.916	0.38	Head	2L:+:17071744-17071785	exon=> In CDS Exon 3 of transcript AGAP005563-PA
JHU_Ag_109013	TFSPILETDDTNPFLEPVEK	AGAP005563-PA	-	86	3.75E-08	2	2292.137	3.59	Head	2L:+:17071197-17071256	exon=> In CDS Exon 2 of transcript AGAP005563-PA
JHU_Ag_111071	TFSPILETDDTNPFLEPVEK	AGAP005563-PA	-	85	4.88E-08	1	2292.139	4.66	Malpighian tubule	2L:+:17071197-17071256	exon=> In CDS Exon 2 of transcript AGAP005563-PA
JHU_Ag_113456	VLEQLLK	AGAP005563-PA	-	35	0.001498 793	2	842.536	1.63	Malpighian tubule	2L:+:17071564-17071584	exon=> In CDS Exon 3 of transcript AGAP005563-PA
JHU_Ag_49541	HASSSAMLDLLNK	AGAP005563-PA,AGAP005563-PB	M7(Oxidation)	113	8.34E-11	1	1402.701	1.1	Head	2L:+:17079526-17079564;2L:+:17079526-17079564	exon=> In CDS Exon 7 of transcript AGAP005563-PA;exon=> In CDS Exon 4 of transcript AGAP005563-PB
JHU_Ag_92588	KADVEPELK	AGAP005563-PA,AGAP005563-PB	-	49	0.000123 715	1	1028.559	-3.69	Head	2L:+:17079466-17079492;2L:+:17079466-17079492	exon=> In CDS Exon 7 of transcript AGAP005563-PA;exon=> In CDS Exon 4 of transcript AGAP005563-PB
JHU_Ag_113211	HASSSAMLDLLNK	AGAP005563-PA,AGAP005563-PB	M7(Oxidation)	61	1.36E-05	2	1402.699	-0.73	Midgut	2L:+:17079526-17079564;2L:+:17079526-17079564	exon=> In CDS Exon 7 of transcript AGAP005563-PA;exon=> In CDS Exon 4 of transcript AGAP005563-PB
JHU_Ag_111908	VKILMR	AGAP005563-PB	M5(Oxidation)	33	0.001710 606	1	775.482	-5.2	Head	2L:+:17077663-17077680	exon=> In CDS Exon 1 of transcript AGAP005563-PB
JHU_Ag_27	TPALIFEHVNNTDFK	AGAP005569-PA	-	102	1.08E-09	1	1745.884	-0.83	Midgut	2L:+:17321087-17321131	exon=> In CDS Exon 1 of transcript AGAP005569-PA

JHU_Ag_1158	VLGTEDLFAYLDKYNIELDPR	AGAP005569-PA	-	58	2.01E-05	1	2484.278	5.04	Salivary gland	2L:+:17321507-17321569	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_1636	FVHSENQHLVSPEGLDFLDK	AGAP005569-PA	-	90	1.47E-08	1	2311.137	0.51	Salivary gland	2L:+:17321615-17321674	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_5257	LIDWGLAEFYHPGQEYNVR	AGAP005569-PA	-	63	6.83E-06	1	2307.127	3.41	Pupa	2L:+:17321282-17321338	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_8478	GGTNIITLLAVVKDPVSR	AGAP005569-PA	-	95	4.74E-10	1	1853.085	-0.41	Ovary	2L:+:17321033-17321086	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_9812	GGTNIITLLAVVKDPVSR	AGAP005569-PA	-	44	4.54E-05	1	1853.093	3.94	Larva	2L:+:17321033-17321086	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_10460	GKYSEVFEAIK	AGAP005569-PA	-	55	3.96E-05	1	1270.671	2.26	Salivary gland	2L:+:17320907-17320939	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_11921	EPFFHGHDNYDQLVR	AGAP005569-PA	-	59	1.87E-05	1	1873.866	2.21	Head	2L:+:17321453-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_13429	FNDILSR	AGAP005569-PA	-	41	0.001204603	1	864.457	-0.9	Ovary	2L:+:17321570-17321590	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_13526	VLGTEDLFAYLDKYNIELDPR	AGAP005569-PA	-	120	1.26E-11	1	2484.270	1.65	Ovary	2L:+:17321507-17321569	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_16593	GGTNIITLLAVVKDPVSR	AGAP005569-PA	-	62	7.73E-07	1	1853.093	3.74	Malpighian tubule	2L:+:17321033-17321086	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_20781	LIDWGLAEFYHPGQEYNVR	AGAP005569-PA	-	88	2.48E-08	1	2307.125	2.3	Visceras	2L:+:17321282-17321338	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_24783	GGTNIITLLAVVKDPVSR	AGAP005569-PA	-	81	9.06E-09	1	1853.089	1.76	Salivary gland	2L:+:17321033-17321086	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_28173	FVHSENQHLVSPEGLDFLDKLLR	AGAP005569-PA	-	64	3.44E-06	1	2693.420	5.53	Malpighian tubule	2L:+:17321615-17321683	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_29196	EPFFHGHDNYDQLVR	AGAP005569-PA	-	59	1.73E-05	1	1873.861	-0.53	Midgut	2L:+:17321453-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_30301	KEPFFHGHDNYDQLVR	AGAP005569-PA	-	55	5.54E-05	1	2001.956	-0.43	Midgut	2L:+:17321450-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_35210	LIDWGLAEFYHPGQEYNVR	AGAP005569-PA	-	73	8.10E-07	1	2307.114	-2.23	Midgut	2L:+:17321282-17321338	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_35442	VLGTEDLFAYLDK	AGAP005569-PA	-	52	7.56E-05	2	1483.778	6.94	Pupa	2L:+:17321507-17321545	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_36180	LIDWGLAEFYHPGQEYNVR	AGAP005569-PA	-	103	7.58E-10	1	2307.116	-1.43	Ovary	2L:+:17321282-17321338	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_40304	FVHSENQHLVSPEGLDFLDK	AGAP005569-PA	-	58	2.59E-05	1	2311.142	2.84	Malpighian tubule	2L:+:17321615-17321674	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_40748	QLYQTLSDYDIR	AGAP005569-PA	-	77	3.07E-07	1	1514.748	-0.48	Ovary	2L:+:17321132-17321167	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_44351	FVHSENQHLVSPEGLDFLDK	AGAP005569-PA	-	79	1.98E-07	1	2311.138	1.21	Midgut	2L:+:17321615-17321674	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_47188	YSEVFEAIK	AGAP005569-PA	-	49	0.000120096	2	1085.552	0.72	Male reproductive organs	2L:+:17320913-17320939	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_48258	KEPFFHGHDNYDQLVR	AGAP005569-PA	-	90	1.50E-08	1	2001.964	3.77	Ovary	2L:+:17321450-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_49466	VYADVNSHKPR	AGAP005569-PA	-	69	1.43E-06	1	1285.664	-0.25	Male reproductive organs	2L:+:17320796-17320828	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_55427	ALDYCHSLGIMHR	AGAP005569-PA	C5(Carbamidomethyl), M11(Oxidation)	40	0.001151776	1	1588.737	0.48	Ovary	2L:+:17321192-17321230	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_57587	KEPFFHGHDNYDQLVR	AGAP005569-PA	-	45	0.000564153	1	2001.960	1.91	Male reproductive organs	2L:+:17321450-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_58128	GKYSEVFEAIK	AGAP005569-PA	-	64	5.08E-06	1	1270.668	-0.05	Male reproductive organs	2L:+:17320907-17320939	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_58603	LIDWGLAEFYHPGQEYNVR	AGAP005569-PA	-	92	8.76E-09	1	2307.127	3.49	Salivary gland	2L:+:17321282-17321338	exon=> In CDS Exon 1 of transcript AGAP005569-PA

JHU_Ag_63543	GGTNIITLLAVVKDPVSR	AGAP005569-PA	-	31	0.000933061	1	1853.091	2.95	Visceras	2L:+:17321033-17321086	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_64788	VLGTEDLFAYLDK	AGAP005569-PA	-	109	1.28E-10	1	1483.770	1.18	Head	2L:+:17321507-17321545	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_64868	ALDYCHSLGIMHR	AGAP005569-PA	C5(Carbamidomethyl), M11(Oxidation)	59	1.39E-05	1	1588.734	-1.04	Head	2L:+:17321192-17321230	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_65051	FVHSENQHLVSPEGLDFLDK	AGAP005569-PA	-	137	2.74E-13	1	2311.137	0.47	Ovary	2L:+:17321615-17321674	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_65580	TPALIFEHVNNTDFK	AGAP005569-PA	-	109	1.88E-10	1	1745.887	0.7	Ovary	2L:+:17321087-17321131	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_66001	VLGTEDLFAYLDKYNIELDPR	AGAP005569-PA	-	74	5.31E-07	1	2484.258	-3.07	Midgut	2L:+:17321507-17321569	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_67445	FNDILSR	AGAP005569-PA	-	42	0.000974639	2	864.458	0.65	Malpighian tubule	2L:+:17321570-17321590	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_68246	YSEVFEAIK	AGAP005569-PA	-	72	5.81E-07	1	1085.550	-1.08	Ovary	2L:+:17320913-17320939	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_72009	TPALIFEHVNNTDFK	AGAP005569-PA	-	87	3.28E-08	1	1745.885	-0.46	Salivary gland	2L:+:17321087-17321131	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_74803	FNDILSR	AGAP005569-PA	-	42	0.000992693	1	864.460	2.49	Male reproductive organs	2L:+:17321570-17321590	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_77447	LIDWGLAEFYHPGQEYNVR	AGAP005569-PA	-	68	2.59E-06	1	2307.129	4.36	Male reproductive organs	2L:+:17321282-17321338	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_78634	TPALIFEHVNNTDFK	AGAP005569-PA	-	115	5.02E-11	1	1745.891	2.87	Head	2L:+:17321087-17321131	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_78788	GGTNIITLLAVVK	AGAP005569-PA	-	66	2.47E-07	2	1298.803	-0.68	Midgut	2L:+:17321033-17321071	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_81368	VLGTEDLFAYLDK	AGAP005569-PA	-	93	5.28E-09	2	1483.768	0.36	Midgut	2L:+:17321507-17321545	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_89452	GGTNIITLLAVVK	AGAP005569-PA	-	86	2.63E-09	1	1298.803	-0.68	Ovary	2L:+:17321033-17321071	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_93872	YYLYELLK	AGAP005569-PA	-	49	0.000183353	1	1104.599	1.11	Male reproductive organs	2L:+:17321168-17321191	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_98424	EPFFHGHDNYDQLVR	AGAP005569-PA	-	90	1.48E-08	1	1873.865	1.86	Malpighian tubule	2L:+:17321453-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_99159	GGTNIITLLAVVKDPVSR	AGAP005569-PA	-	101	1.19E-10	1	1853.086	0.22	Midgut	2L:+:17321033-17321086	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_99465	YYLYELLK	AGAP005569-PA	-	53	7.56E-05	1	1104.596	-0.99	Ovary	2L:+:17321168-17321191	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_99568	LIDWGLAEFYHPGQEYNVR	AGAP005569-PA	-	84	5.55E-08	1	2307.128	3.72	Malpighian tubule	2L:+:17321282-17321338	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_101202	GKYSEVFEAIK	AGAP005569-PA	-	77	2.63E-07	1	1270.670	1.59	Malpighian tubule	2L:+:17320907-17320939	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_101283	VLGTEDLFAYLDK	AGAP005569-PA	-	115	3.50E-11	1	1483.768	-0.05	Ovary	2L:+:17321507-17321545	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_102745	EAMEHPYFAIIVNGQMPPPPTSSAK	AGAP005569-PA	M3(Oxidation), M16(Oxidation)	91	1.23E-08	1	2744.301	-1.73	Ovary	2L:+:17321714-17321788	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_104724	KEPFFHGHDNYDQLVR	AGAP005569-PA	-	93	7.84E-09	1	2001.962	2.53	Malpighian tubule	2L:+:17321450-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_106316	TPALIFEHVNNTDFK	AGAP005569-PA	-	84	6.91E-08	1	1745.893	3.85	Malpighian tubule	2L:+:17321087-17321131	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_106366	EPFFHGHDNYDQLVR	AGAP005569-PA	-	96	3.78E-09	1	1873.866	2.25	Ovary	2L:+:17321453-17321497	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_109177	QLYQTLSDYDIR	AGAP005569-PA	-	38	0.002046159	2	1514.750	0.89	Midgut	2L:+:17321132-17321167	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_111802	ALDYCHSLGIMHR	AGAP005569-PA	C5(Carbamidomethyl), M11(Oxidation)	39	0.001837881	1	1588.757	13.56	Male reproductive organs	2L:+:17321192-17321230	exon=> In CDS Exon 1 of transcript AGAP005569-PA

JHU_Ag_112489	GKYSEVFEAIK	AGAP005569-PA	-	68	2.15E-06	2	1270.668	0.34	Midgut	2L:+:17320907-17320939	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_117136	TPALIFEHVNNTDFK	AGAP005569-PA	-	104	6.88E-10	1	1745.888	1.4	Male reproductive organs	2L:+:17321087-17321131	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_117512	FVHSENQHLVSPEGLDFLDK	AGAP005569-PA	Q7(Deamidated),N6(Deamidated)	106	4.22E-10	1	2311.144	3.64	Head	2L:+:17321615-17321674	exon=> In CDS Exon 1 of transcript AGAP005569-PA
JHU_Ag_4827	AQLPLQIEDASRPEK	AGAP005576-PA	-	93	3.59E-09	1	1694.909	0.94	Ovary	2L:+:17347206-17347250	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_5926	IISAASEGGANVFTVSYFK	AGAP005576-PA	-	87	2.98E-08	2	1961.013	5.71	Ovary	2L:+:17347428-17347484	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_7097	VFTVGAVFR	AGAP005576-PA	-	54	2.11E-05	2	995.570	3.16	Salivary gland	2L:+:17347638-17347664	exon=> In CDS Exon 3 of transcript AGAP005576-PA
JHU_Ag_7289	IISAASEGGANVFTVSYFKDSAYLAQSPQLYK	AGAP005576-PA	-	43	0.000445465	3	3425.734	2.23	Ovary	2L:+:17347428-17347485,17347570-17347607	exon=> In CDS Exon 2 and 3 of transcript AGAP005576-PA
JHU_Ag_10335	TPANQAIFR	AGAP005576-PA	-	46	0.000620024	2	1017.548	-0.12	Salivary gland	2L:+:17347326-17347352	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_10407	IISAASEGGANVFTVSYFK	AGAP005576-PA	-	68	2.22E-06	2	1961.002	0.35	Pupa	2L:+:17347428-17347484	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_11525	GEEILSGAQR	AGAP005576-PA	-	69	2.27E-06	2	1059.543	0.16	Salivary gland	2L:+:17348191-17348220	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_12900	YGTMPMIQSAEK	AGAP005576-PA	M4(Oxidation), M6(Oxidation)	47	0.000136515	1	1387.624	0.22	Ovary	2L:+:17346840-17346875	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_14931	FSGSIPR	AGAP005576-PA	-	39	0.002806379	2	763.410	0.03	Pupa	2L:+:17347068-17347088	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_16011	EAGVQMDDEEDLSTPSEK	AGAP005576-PA	-	40	0.000569911	2	1979.843	2	Malpighian tubule	2L:+:17347996-17348049	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_17008	EIAAVGQQYNVEPFK	AGAP005576-PA	-	125	3.69E-12	1	1692.866	3.79	Salivary gland	2L:+:17347897-17347941	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_18505	FLEPPLKLEFAQAVAMLR	AGAP005576-PA	M16(Oxidation)	89	4.74E-09	1	2089.165	6.29	Larva	2L:+:17347942-17347995	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_18820	GFTEIHTPK	AGAP005576-PA	-	33	0.005360657	2	1029.530	-5.92	Head	2L:+:17347401-17347427	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_18866	VTETIKEEPVGAGAEATSK	AGAP005576-PA	-	103	9.06E-10	1	1916.981	0.13	Malpighian tubule	2L:+:17346506-17346562	exon=> In CDS Exon 1 of transcript AGAP005576-PA
JHU_Ag_20405	SDDPEALKIR	AGAP005576-PA	-	55	3.56E-05	2	1143.600	-0.09	Ovary	2L:+:17347251-17347280	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_21690	AAAAAAAGTGGAVADDTGADGVDQSAGR	AGAP005576-PA	-	123	5.18E-12	1	2374.091	1.85	Head	2L:+:17346756-17346839	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_23188	IISAASEGGANVFTVSYFK	AGAP005576-PA	-	107	2.59E-10	2	1961.005	1.91	Malpighian tubule	2L:+:17347428-17347484	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_24429	LEFAQAVAMLR	AGAP005576-PA	-	74	4.41E-07	2	1248.679	1.62	Head	2L:+:17347963-17347995	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_24990	FLEPPLKLEFAQAVAMLR	AGAP005576-PA	M16(Oxidation)	69	5.04E-07	1	2089.165	6.47	Salivary gland	2L:+:17347942-17347995	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_25658	IAAYIDAFR	AGAP005576-PA	-	40	0.000711	2	1039.558	1.2	Male reproductive organs	2L:+:17348281-17348307	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_26828	VFVNVFDLSHCQK	AGAP005576-PA	C11(Carbamidomethyl)	110	1.79E-10	1	1592.795	3.65	Ovary	2L:+:17346888-17346926	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_26895	EEPVGAGAEATSK	AGAP005576-PA	-	65	4.24E-06	2	1245.596	0.15	Head	2L:+:17346524-17346562	exon=> In CDS Exon 1 of transcript AGAP005576-PA
JHU_Ag_28464	QMAIAADFDKVFTVGAVFR	AGAP005576-PA	M2(Oxidation)	91	1.16E-08	1	2102.078	1.99	Malpighian tubule	2L:+:17347608-17347664	exon=> In CDS Exon 3 of transcript AGAP005576-PA
JHU_Ag_30322	EAGVQMDDEEDLSTPSEK	AGAP005576-PA	M6(Oxidation)	108	6.28E-11	1	1995.829	-2.25	Midgut	2L:+:17347996-17348049	exon=> In CDS Exon 4 of transcript AGAP005576-PA

JHU_Ag_30599	VFVNVFDLSHCQK	AGAP005576-PA	C11(Carbamidomethyl)	57	3.54E-05	2	1592.789	0.12	Salivary gland	2L:+:17346888-17346926	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_32356	DSAYLAQSPQLYK	AGAP005576-PA	-	71	9.79E-07	1	1483.744	0.79	Head	2L:+:17347485-17347485,17347570-17347607	exon=> In CDS Exon 2 and 3 of transcript AGAP005576-PA
JHU_Ag_36449	EIAAVGQQYNVEPFKFLEPPLK	AGAP005576-PA	-	44	0.000228213	1	2517.351	4.87	Ovary	2L:+:17347897-17347962	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_36928	VFVNVFDLSHCQKDALVWVR	AGAP005576-PA	C11(Carbamidomethyl)	59	1.46E-05	1	2432.267	5.16	Ovary	2L:+:17346888-17346947	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_40532	FLEPPLKLEFAQAVAMLR	AGAP005576-PA	M16(Oxidation)	86	1.06E-08	1	2089.163	5.59	Malpighian tubule	2L:+:17347942-17347995	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_42579	FLEPPLKLEFAQAVAMLR	AGAP005576-PA	M16(Oxidation)	84	1.86E-08	1	2089.160	4.01	Ovary	2L:+:17347942-17347995	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_48478	AQLPLQIEDASRPEK	AGAP005576-PA	-	72	4.97E-07	1	1694.909	1.16	Midgut	2L:+:17347206-17347250	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_48746	IAAYIDAFR	AGAP005576-PA	-	41	0.000639186	2	1039.558	0.85	Midgut	2L:+:17348281-17348307	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_49606	TPANQAIFR	AGAP005576-PA	-	51	0.000154169	2	1017.548	0.42	Male reproductive organs	2L:+:17347326-17347352	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_51758	EAGVQMDDEEDLSTPSEK	AGAP005576-PA	M6(Oxidation)	62	1.76E-06	2	1995.817	-8.19	Salivary gland	2L:+:17347996-17348049	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_52652	IAAYIDAFR	AGAP005576-PA	-	40	0.000703225	2	1039.559	1.55	Pupa	2L:+:17348281-17348307	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_55101	GFTEIHTPK	AGAP005576-PA	-	40	0.001193952	2	1029.537	0.96	Ovary	2L:+:17347401-17347427	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_55834	TPANQAIFR	AGAP005576-PA	-	45	0.000670515	2	1017.547	-0.48	Midgut	2L:+:17347326-17347352	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_57852	EIAAVGQQYNVEPFK	AGAP005576-PA	-	119	1.68E-11	1	1692.862	1.7	Ovary	2L:+:17347897-17347941	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_59126	IHDPEYLIER	AGAP005576-PA	-	51	0.000103875	1	1284.661	2.23	Ovary	2L:+:17348221-17348250	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_61432	YDTDFYILDK	AGAP005576-PA	-	46	0.000399614	2	1292.606	1.42	Head	2L:+:17348077-17348106	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_63569	EAGVQMDDEEDLSTPSEK	AGAP005576-PA	M6(Oxidation)	128	6.10E-13	1	1995.831	-1.21	Ovary	2L:+:17347996-17348049	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_65233	DSAYLAQSPQLYK	AGAP005576-PA	-	98	2.00E-09	1	1483.748	3.26	Ovary	2L:+:17347485-17347485,17347570-17347607	exon=> In CDS Exon 2 and 3 of transcript AGAP005576-PA
JHU_Ag_67936	GEEILSGAQR	AGAP005576-PA	-	44	0.000674792	2	1059.541	-2.15	Pupa	2L:+:17348191-17348220	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_69014	IISAASEGGANVFTVSYFKDSAYLAQSPQLYK	AGAP005576-PA	-	32	0.004461601	1	3425.740	4.04	Malpighian tubule	2L:+:17347428-17347485,17347570-17347607	exon=> In CDS Exon 2 and 3 of transcript AGAP005576-PA
JHU_Ag_73212	IISAASEGGANVFTVSYFK	AGAP005576-PA	-	60	1.56E-05	2	1961.002	0.04	Head	2L:+:17347428-17347484	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_74452	YSNSYDMFMRGEEILSGAQR	AGAP005576-PA	M7(Oxidation), M9(Oxidation)	108	1.56E-10	1	2386.049	2.28	Ovary	2L:+:17348161-17348220	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_75512	IHDPEYLIER	AGAP005576-PA	-	32	0.007144895	1	1284.657	-1.29	Head	2L:+:17348221-17348250	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_77168	YSNSYDMFMRGEEILSGAQR	AGAP005576-PA	M9(Oxidation),M7(Oxidation)	75	3.58E-07	1	2370.057	3.57	Malpighian tubule	2L:+:17348161-17348220	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_80443	VVMLYLGLDNIRK	AGAP005576-PA	M3(Oxidation)	81	1.77E-08	1	1533.887	3.04	Ovary	2L:+:17348353-17348391	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_82412	VFTVGAVFR	AGAP005576-PA	-	43	0.000241187	2	995.569	1.45	Malpighian tubule	2L:+:17347638-17347664	exon=> In CDS Exon 3 of transcript AGAP005576-PA

JHU_Ag_82592	AEDSNTHR	AGAP005576-PA	-	41	0.000297197	2	929.410	3.32	Head	2L:+:17347665-17347688	exon=> In CDS Exon 3 of transcript AGAP005576-PA
JHU_Ag_82980	AAAAAAAGTGGAVADDTGADGVDQSAGR	AGAP005576-PA	-	139	1.62E-13	1	2374.088	0.61	Ovary	2L:+:17346756-17346839	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_83849	EIAAVGQQYNVEPFK	AGAP005576-PA	-	106	3.18E-10	2	1692.861	1.05	Head	2L:+:17347897-17347941	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_84062	LHGIDLSK	AGAP005576-PA	-	42	0.000303397	2	882.502	-2.42	Head	2L:+:17348257-17348280	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_86485	IESCTEQTLELHVLELFLLSAAK	AGAP005576-PA	C4(Carbamidomethyl)	179	8.79E-18	1	2644.405	5.66	Ovary	2L:+:17347137-17347205	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_87033	AKLHGIDLSK	AGAP005576-PA	-	36	0.000764679	1	1081.636	-0.42	Ovary	2L:+:17348251-17348280	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_87610	QQSSTVQCLLAVNEQVSK	AGAP005576-PA	C8(Carbamidomethyl)	96	4.23E-09	2	2019.024	2.97	Ovary	2L:+:17347002-17347055	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_91266	AQLPLQIEDASRPEK	AGAP005576-PA	-	65	2.20E-06	1	1694.909	1.09	Male reproductive organs	2L:+:17347206-17347250	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_91392	YHYHEVLDTIGNTFTEMFK	AGAP005576-PA	M17(Oxidation)	81	1.16E-07	1	2361.095	4.03	Larva	2L:+:17347734-17347790	exon=> In CDS Exon 3 of transcript AGAP005576-PA
JHU_Ag_93106	EIAAVGQQYNVEPFK	AGAP005576-PA	-	86	2.99E-08	1	1692.865	3.14	Pupa	2L:+:17347897-17347941	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_94186	AQLPLQIEDASRPEKSDDPEALK	AGAP005576-PA	-	40	0.001119874	1	2550.312	2.92	Ovary	2L:+:17347206-17347274	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_94664	VVMLYLGLDNIR	AGAP005576-PA	M3(Oxidation)	60	7.78E-06	2	1421.788	3.94	Malpighian tubule	2L:+:17348353-17348388	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_97453	DSAYLAQSPQLYK	AGAP005576-PA	-	76	3.41E-07	2	1483.743	0.13	Salivary gland	2L:+:17347485-17347485,17347570-17347607	exon=> In CDS Exon 2 and 3 of transcript AGAP005576-PA
JHU_Ag_97504	EAGVQMDDEEDLSTPSEK	AGAP005576-PA	M6(Oxidation)	142	2.45E-14	1	1995.834	0.38	Head	2L:+:17347996-17348049	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_98826	IAAYIDAFR	AGAP005576-PA	-	58	1.16E-05	1	1039.561	3.55	Larva	2L:+:17348281-17348307	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_98934	TPANQAIFR	AGAP005576-PA	-	57	3.97E-05	2	1017.548	0.18	Malpighian tubule	2L:+:17347326-17347352	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_101379	IAAYIDAFR	AGAP005576-PA	-	41	0.000660837	1	1039.559	1.55	Ovary	2L:+:17348281-17348307	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_105898	LEFAQAVAMLR	AGAP005576-PA	-	41	0.000922642	2	1248.682	4.36	Midgut	2L:+:17347963-17347995	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_106578	ESIIDLK	AGAP005576-PA	-	50	0.00014162	1	817.468	1.58	Ovary	2L:+:17347089-17347109	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_106802	TPANQAIFR	AGAP005576-PA	-	46	0.000494776	1	1017.547	-0.18	Pupa	2L:+:17347326-17347352	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_108009	VTETIKEEPVGAGAEATSK	AGAP005576-PA	-	132	1.18E-12	1	1916.985	1.94	Ovary	2L:+:17346506-17346562	exon=> In CDS Exon 1 of transcript AGAP005576-PA
JHU_Ag_110189	VFVNVFDLSHCQK	AGAP005576-PA	C11(Carbamidomethyl)	50	0.000164361	1	1592.783	-3.71	Malpighian tubule	2L:+:17346888-17346926	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_112515	TPANQAIFR	AGAP005576-PA	-	65	6.29E-06	2	1017.551	3.72	Ovary	2L:+:17347326-17347352	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_113312	QQSSTVQCLLAVNEQVSK	AGAP005576-PA	C8(Carbamidomethyl)	67	3.11E-06	1	2019.034	8.35	Salivary gland	2L:+:17347002-17347055	exon=> In CDS Exon 2 of transcript AGAP005576-PA
JHU_Ag_114900	EIAAVGQQYNVEPFK	AGAP005576-PA	-	119	1.77E-11	1	1692.860	0.33	Midgut	2L:+:17347897-17347941	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_117813	FPLAVRPFYTMPDPANAK	AGAP005576-PA	M11(Oxidation)	53	9.14E-05	1	2051.047	2.22	Head	2L:+:17348107-17348160	exon=> In CDS Exon 4 of transcript AGAP005576-PA
JHU_Ag_87204	AGLETILANGPLYDR	AGAP005578-PA	-	62	8.20E-06	2	1602.853	2.52	Ovary	2L:-:17351542-17351498	exon=> In CDS Exon 2 of transcript AGAP005578-PA

JHU_Ag_20967	ALGGLFER	AGAP005580-PA	-	50	0.000130425	2	862.478	-0.48	Male reproductive organs	2L:+:17368394-17368417	exon=> In CDS Exon 1 of transcript AGAP005580-PA
JHU_Ag_3426	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	115	4.14E-11	1	1862.966	8.98	Malpighian tubule	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_4925	ITHCGGYGMGQAAK	AGAP005581-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M9(Oxidation)"	94	4.76E-09	1	1450.658	1.02	Malpighian tubule	2L:+:17371112-17371153	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_5752	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	109	1.64E-10	1	1671.875	2.84	Salivary gland	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_6634	DFSVVYDFLK	AGAP005581-PA	-	60	1.88E-05	1	1232.621	0.78	Salivary gland	2L:+:17371490-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_7669	ITHCGGYGMGQAAK	AGAP005581-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M9(Oxidation)"	89	1.16E-08	1	1466.651	-0.27	Head	2L:+:17371112-17371153	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_10895	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	91	1.04E-08	2	1862.960	5.63	Larva	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_10923	ASDFVVTMLPNNDIVADTYDTIIGGGGIK	AGAP005581-PA	M8(Oxidation)	120	1.41E-11	1	3012.494	2.38	Ovary	2L:+:17370732-17370818	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_11103	GLANKDFSVVYDFLK	AGAP005581-PA	-	47	0.000275647	1	1715.900	-0.22	Salivary gland	2L:+:17371475-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_11660	AKGAVPYDNVAELAK	AGAP005581-PA	-	79	1.29E-07	1	1545.834	4.1	Malpighian tubule	2L:+:17370687-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_17256	GAVPYDNVAELAK	AGAP005581-PA	-	62	1.18E-05	2	1346.697	1.45	Salivary gland	2L:+:17370693-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_18029	NVGFIGLGNMGGPMASNLMAK	AGAP005581-PA	M10(Oxidation), M14(Oxidation), M19(Oxidation)	139	1.99E-13	1	2127.007	1.81	Ovary	2L:+:17369682-17369744	exon=> In CDS Exon 1 of transcript AGAP005581-PA
JHU_Ag_18047	LHVFDISK	AGAP005581-PA	-	41	0.001162035	2	958.536	0.01	Male reproductive organs	2L:+:17370642-17370665	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_20708	SWASEVNNPVPGIIPTAPAASGYAGGFATGLITK	AGAP005581-PA	-	128	1.19E-12	1	3314.720	4.25	Malpighian tubule	2L:+:17371277-17371378	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_20952	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	122	4.47E-12	1	2752.461	-0.85	Midgut	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_22926	VFADIVNASTGR	AGAP005581-PA	-	95	4.28E-09	1	1249.654	0.41	Salivary gland	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_26045	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	110	1.42E-10	2	1862.955	2.82	Pupa	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_27838	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	247	9.60E-25	1	2752.476	4.79	Malpighian tubule	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_29116	DFSVVYDFLK	AGAP005581-PA	-	39	0.002362116	2	1232.623	2.27	Visceras	2L:+:17371490-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_29614	GLANKDFSVVYDFLK	AGAP005581-PA	-	72	7.80E-07	1	1715.917	9.86	Malpighian tubule	2L:+:17371475-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_29993	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	98	2.26E-09	2	1671.879	5.33	Larva	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_30282	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	123	6.35E-12	1	1862.952	1.31	Head	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_30622	GAVPYDNVAELAK	AGAP005581-PA	-	59	2.45E-05	1	1346.695	-0.28	Male reproductive organs	2L:+:17370693-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_33682	LGLDPKVFADIVNASTGR	AGAP005581-PA	-	107	1.20E-10	1	1873.027	4.87	Malpighian tubule	2L:+:17371223-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_36738	NATLTFMVGGTSEEYQAVKELLEGMGK	AGAP005581-PA	M7(Oxidation), M25(Oxidation)	79	1.84E-07	1	2935.420	4.52	Malpighian tubule	2L:+:17371028-17371108	exon=> In CDS Exon 3 of transcript AGAP005581-PA

JHU_Ag_39310	NVGFIGLGNMGGPMASNLMAK	AGAP005581-PA	M14(Oxidation), M19(Oxidation),"M10(Oxidation), M14(Oxidation)","M10(Oxidation), M14(Oxidation), M19(Oxidation)"	158	2.32E-15	1	2079.028	4.49	Malpighian tubule	2L:+:17369682-17369744	exon=> In CDS Exon 1 of transcript AGAP005581-PA
JHU_Ag_39494	VFADIVNASTGR	AGAP005581-PA	-	100	1.48E-09	2	1249.653	-0.67	Midgut	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_40657	GLANKDFSVVYDFLK	AGAP005581-PA	-	107	3.23E-10	1	1715.900	0.04	Midgut	2L:+:17371475-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_44179	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	107	2.71E-10	2	1862.952	1.24	Midgut	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_45403	KITHCGGYGMGQAAK	AGAP005581-PA	C5(Carbamidomethyl), M10(Oxidation)	89	1.83E-08	1	1594.747	0.05	Malpighian tubule	2L:+:17371109-17371153	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_48200	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	32	0.003164855	1	2752.473	3.75	Larva	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_48930	LHVFDISK	AGAP005581-PA	-	45	0.000424834	1	958.536	-0.18	Ovary	2L:+:17370642-17370665	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_52217	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	111	1.20E-10	1	1671.869	-0.81	Midgut	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_53131	VFADIVNASTGR	AGAP005581-PA	-	90	1.35E-08	1	1249.656	2.17	Male reproductive organs	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_54733	LHVFDISK	AGAP005581-PA	-	54	6.20E-05	2	958.535	-0.31	Head	2L:+:17370642-17370665	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_54885	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	122	8.62E-12	1	1671.867	-1.68	Ovary	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_56002	DFSVVYDFLK	AGAP005581-PA	-	78	2.82E-07	1	1232.618	-1.4	Ovary	2L:+:17371490-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_57230	VFADIVNASTGR	AGAP005581-PA	-	97	2.92E-09	1	1249.657	2.36	Malpighian tubule	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_57471	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	153	2.51E-15	1	2752.475	4.48	Head	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_59615	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	128	2.29E-12	1	1862.950	0.46	Salivary gland	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_59714	VKAAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	122	4.39E-12	1	1899.040	3.31	Malpighian tubule	2L:+:17370965-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_60047	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	89	1.82E-08	2	1671.874	2.04	Pupa	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_62472	LHVFDISK	AGAP005581-PA	-	46	0.000389776	2	958.537	0.97	Salivary gland	2L:+:17370642-17370665	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_62581	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	108	1.02E-10	1	2752.458	-1.78	Salivary gland	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_63973	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	124	6.04E-12	1	1671.870	0.07	Head	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_66111	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	116	3.31E-11	1	1671.873	1.97	Male reproductive organs	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_67392	GAVPYDNVAELAK	AGAP005581-PA	-	62	1.09E-05	2	1346.694	-0.91	Midgut	2L:+:17370693-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_67568	SWASEVNNPVPGIIPTAPAASGYAGGFATGLITK	AGAP005581-PA	-	186	2.00E-18	1	3314.708	0.72	Ovary	2L:+:17371277-17371378	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_70214	GLANKDFSVVYDFLK	AGAP005581-PA	-	133	7.52E-13	1	1715.905	2.53	Head	2L:+:17371475-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_73551	GAVPYDNVAELAK	AGAP005581-PA	-	81	1.56E-07	1	1346.697	1.36	Ovary	2L:+:17370693-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA

JHU_Ag_75036	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	77	1.15E-07	3	2752.472	3.15	Pupa	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_77258	GAVPYDNVAELAK	AGAP005581-PA	-	70	2.11E-06	2	1346.697	1.17	Head	2L:+:17370693-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_78393	NATLTFMVGGTSEEYQAVK	AGAP005581-PA	M7(Oxidation)	111	1.16E-10	1	2045.995	4.71	Midgut	2L:+:17371028-17371084	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_84401	NVGFIGLGNMGGPMASNLMAK	AGAP005581-PA	M14(Oxidation), M19(Oxidation),"M10(Oxidation), M19(Oxidation)"	79	1.85E-07	1	2110.995	-6.49	Midgut	2L:+:17369682-17369744	exon=> In CDS Exon 1 of transcript AGAP005581-PA
JHU_Ag_84858	LHVFDISK	AGAP005581-PA	-	47	0.000285882	1	958.536	0.22	Midgut	2L:+:17370642-17370665	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_85765	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	107	2.69E-10	1	1671.874	2.19	Malpighian tubule	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_85937	GAVPYDNVAELAK	AGAP005581-PA	-	68	3.35E-06	1	1346.697	1.54	Malpighian tubule	2L:+:17370693-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_86421	DFSVVYDFLK	AGAP005581-PA	-	70	2.33E-06	2	1232.623	2.76	Head	2L:+:17371490-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_87278	GAVPYDNVAELAK	AGAP005581-PA	-	58	2.88E-05	1	1346.697	1.36	Pupa	2L:+:17370693-17370731	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_90241	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	134	2.49E-13	1	2752.460	-0.98	Ovary	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_91227	AAGATFVDAPVSGGVPGAK	AGAP005581-PA	-	63	6.88E-06	2	1671.872	1.38	Visceras	2L:+:17370971-17371027	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_94630	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	98	2.22E-09	1	1862.951	0.79	Ovary	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_94656	VFADIVNASTGR	AGAP005581-PA	-	89	1.77E-08	1	1249.654	0.31	Ovary	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_95466	NVGFIGLGNMGGPMASNLMAK	AGAP005581-PA	M10(Oxidation), M14(Oxidation),"M10(Oxidation), M19(Oxidation)"	65	5.01E-06	2	2111.006	-1.17	Head	2L:+:17369682-17369744	exon=> In CDS Exon 1 of transcript AGAP005581-PA
JHU_Ag_98049	NQTIFIDSSTIDPNVAK	AGAP005581-PA	-	62	7.50E-06	2	1862.953	1.97	Male reproductive organs	2L:+:17370819-17370869	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_103838	SWASEVNNPVPGIIPTAPAASGYAGGFATGLITK	AGAP005581-PA	-	110	8.74E-11	1	3314.707	0.49	Head	2L:+:17371277-17371378	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_104279	VFADIVNASTGR	AGAP005581-PA	-	82	8.74E-08	2	1249.654	0.7	Head	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_111458	DFSVVYDFLK	AGAP005581-PA	-	58	3.37E-05	1	1232.622	1.63	Midgut	2L:+:17371490-17371519	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_112617	VFADIVNASTGR	AGAP005581-PA	-	90	1.59E-08	2	1249.657	2.65	Larva	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_113670	DLGIASAVATSSNSPIPLGALTHQIYR	AGAP005581-PA	-	57	1.01E-05	3	2752.482	6.94	Visceras	2L:+:17371379-17371459	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_114691	VFADIVNASTGR	AGAP005581-PA	-	93	6.89E-09	1	1249.656	1.97	Pupa	2L:+:17371241-17371276	exon=> In CDS Exon 3 of transcript AGAP005581-PA
JHU_Ag_115435	LHVFDISK	AGAP005581-PA	-	46	0.000341834	2	958.538	2.05	Malpighian tubule	2L:+:17370642-17370665	exon=> In CDS Exon 2 of transcript AGAP005581-PA
JHU_Ag_73365	RQLAELER	AGAP005582-PA	Q2(Deamidated)	44	0.000686889	2	1015.541	-11.95	Malpighian tubule	2L:-:17372299-17372276	exon=> In CDS Exon 5 of transcript AGAP005582-PA
JHU_Ag_103470	HLPKPDDLLCGQCNEPLGFLCQVYAPVEANENSFHR	AGAP005582-PA	C10(Carbamidomethyl), C13(Carbamidomethyl), C21(Carbamidomethyl)	34	0.003910113	1	4224.992	5.52	Ovary	2L:-:17373105-17373219,17372869-17372931	exon=> In CDS Exon 2 and 1 of transcript AGAP005582-PA

JHU_Ag_64248	HQLLKK	AGAP005584-PA,AGAP007621-PA	-	27	0.002332975	2	766.494	0.62	Visceras	2L:-:17422949-17422932;2L:+:48355225-48355242	exon=> In CDS Exon 2 of transcript AGAP005584-PA;exon=> In CDS Exon 2 of transcript AGAP007621-PA
JHU_Ag_113969	VYSYVLPAGAEEIR	AGAP005586-PA	-	55	3.70E-05	1	1566.819	1.82	Pupa	2L:-:17445170-17445129	exon=> In CDS Exon 2 of transcript AGAP005586-PA
JHU_Ag_65229	IELLLK	AGAP005588-PA	-	42	3.44E-05	1	728.491	-1.33	Male reproductive organs	2L:-:17464510-17464493	exon=> In CDS Exon 5 of transcript AGAP005588-PA
JHU_Ag_89706	FFAVALIGLLINIAR	AGAP005588-PA	-	21	0.003854517	1	1630.987	-10.87	Larva	2L:-:17464465-17464421	exon=> In CDS Exon 5 of transcript AGAP005588-PA
JHU_Ag_21101	DVSDYVIIER	AGAP005601-PA	-	34	0.00613076	3	1208.603	-10.36	Head	2L:+:17795090-17795119	exon=> In CDS Exon 3 of transcript AGAP005601-PA
JHU_Ag_111393	NDLPAELKDVV	AGAP005602-PA	N1(Deamidated)	44	0.000448087	2	1213.632	0.32	Ovary	2L:+:17801787-17801819	exon=> In CDS Exon 1 of transcript AGAP005602-PA
JHU_Ag_40817	NELPAELKDV	AGAP005603-PA	-	65	3.59E-06	1	1127.593	-1.24	Ovary	2L:-:17802667-17802638	exon=> In CDS Exon 1 of transcript AGAP005603-PA
JHU_Ag_14920	ALVFSCAVCK	AGAP005603-PA,AGAP005602-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	52	8.80E-05	1	1154.571	1.08	Malpighian tubule	2L:-:17802754-17802725;2L:+:17801700-17801729	exon=> In CDS Exon 1 of transcript AGAP005603-PA;exon=> In CDS Exon 1 of transcript AGAP005602-PA
JHU_Ag_67086	ALVFSCAVCK	AGAP005603-PA,AGAP005602-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	68	2.24E-06	1	1154.571	0.77	Ovary	2L:-:17802754-17802725;2L:+:17801700-17801729	exon=> In CDS Exon 1 of transcript AGAP005603-PA;exon=> In CDS Exon 1 of transcript AGAP005602-PA
JHU_Ag_64963	QSLDNIKK	AGAP005606-PA	Q1(Deamidated), N5(Deamidated)	36	0.003901792	2	947.505	0.39	Head	2L:+:17824682-17824705	exon=> In CDS Exon 4 of transcript AGAP005606-PA
JHU_Ag_13823	AQLEEVWEK	AGAP005608-PA	-	51	0.000129574	2	1131.569	1.01	Salivary gland	2L:-:17832380-17832354	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_14832	AAESDIR	AGAP005608-PA	-	45	0.000723493	2	761.380	1.58	Malpighian tubule	2L:-:17832918-17832898	exon=> In CDS Exon 2 of transcript AGAP005608-PA
JHU_Ag_18432	YLQEVVNVLESDPVFAEK	AGAP005608-PA	-	107	2.49E-10	1	2079.071	3.26	Malpighian tubule	2L:-:17832981-17832928	exon=> In CDS Exon 2 of transcript AGAP005608-PA
JHU_Ag_24271	SGVIAQELEYVGHHVR	AGAP005608-PA	-	98	1.96E-09	1	1793.932	1.28	Salivary gland	2L:-:17832797-17832750	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_32607	DGLISYEEFIEQTK	AGAP005608-PA	-	90	1.46E-08	2	1671.821	5.87	Midgut	2L:-:17832131-17832090	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_37768	SGVIAQELEYVGHHVR	AGAP005608-PA	-	37	0.002723763	1	1793.936	3.53	Ovary	2L:-:17832797-17832750	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_40090	DGLISYEEFIEQTK	AGAP005608-PA	-	101	1.25E-09	1	1671.818	3.98	Malpighian tubule	2L:-:17832131-17832090	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_53104	QFELTNEIDRDHLK	AGAP005608-PA	-	48	0.000219552	3	1757.883	0.48	Salivary gland	2L:-:17832689-17832648	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_53667	YLQEVVNVLESDPVFAEK	AGAP005608-PA	-	87	2.50E-08	1	2079.072	3.73	Salivary gland	2L:-:17832981-17832928	exon=> In CDS Exon 2 of transcript AGAP005608-PA
JHU_Ag_54858	DPGWDTVDHEPQFTHEEYLEFER	AGAP005608-PA	-	58	9.12E-06	1	2876.247	1.15	Malpighian tubule	2L:-:17832071-17832003	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_69777	DPGWDTVDHEPQFTHEEYLEFER	AGAP005608-PA	-	86	1.58E-08	1	2876.247	1.28	Salivary gland	2L:-:17832071-17832003	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_72318	VLFINELNK	AGAP005608-PA	-	60	7.56E-06	2	1089.631	0.31	Salivary gland	2L:-:17832257-17832231	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_74990	QFELTNEIDRDHLK	AGAP005608-PA	-	59	2.11E-05	1	1757.885	1.93	Malpighian tubule	2L:-:17832689-17832648	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_76293	VLFINELNK	AGAP005608-PA	-	53	3.79E-05	1	1089.630	-0.13	Malpighian tubule	2L:-:17832257-17832231	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_79563	ALDEQHRK	AGAP005608-PA	-	43	0.000676063	1	996.523	0.96	Malpighian tubule	2L:-:17832479-17832456	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_83269	SGVIAQELEYVGHHVR	AGAP005608-PA	-	138	2.24E-13	1	1793.933	1.9	Malpighian tubule	2L:-:17832797-17832750	exon=> In CDS Exon 3 of transcript AGAP005608-PA

JHU_Ag_88849	SGVIAQELEYVGHHVR	AGAP005608-PA	-	123	5.89E-12	1	1793.935	3.06	Midgut	2L:-:17832797-17832750	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_91568	VLFINELNK	AGAP005608-PA	-	42	0.000506252	2	1089.630	-0.36	Male reproductive organs	2L:-:17832257-17832231	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_93046	MENIIEYNK	AGAP005608-PA	M1(Oxidation)	55	3.56E-05	2	1169.551	-0.03	Salivary gland	2L:-:17833087-17833225,17832898-17832982	exon=> In CDS Exon 2 and 1 of transcript AGAP005608-PA
JHU_Ag_96805	AQLEEVWEK	AGAP005608-PA	-	38	0.002910972	1	1131.567	-0.93	Malpighian tubule	2L:-:17832380-17832354	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_102619	MENIIEYNK	AGAP005608-PA	M1(Oxidation)	51	8.71E-05	2	1169.552	1.01	Malpighian tubule	2L:-:17833087-17833225,17832898-17832982	exon=> In CDS Exon 2 and 1 of transcript AGAP005608-PA
JHU_Ag_103046	TFFMLHDLDGNNMWDENEVK	AGAP005608-PA	M4(Oxidation), M13(Oxidation)	41	0.000437879	1	2487.061	0.75	Malpighian tubule	2L:-:17832317-17832258	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_104969	EADTNKDGLISYEEFIEQTK	AGAP005608-PA	-	59	1.91E-05	1	2330.113	3.99	Malpighian tubule	2L:-:17832149-17832090	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_109101	AAESDIRSGVIAQELEYVGHHVR	AGAP005608-PA	-	96	2.42E-09	1	2536.306	5.99	Malpighian tubule	2L:-:17832918-17833002,17831913-17832750	exon=> In CDS Exon 3 and 2 of transcript AGAP005608-PA
JHU_Ag_110725	VLFINELNK	AGAP005608-PA	-	53	4.08E-05	2	1089.628	-1.82	Midgut	2L:-:17832257-17832231	exon=> In CDS Exon 3 of transcript AGAP005608-PA
JHU_Ag_3326	FQGSTSISSADYFGHGSSSMGSGGSR	AGAP005609-PA,AGAP005609-PB	M20(Oxidation)	64	2.15E-06	1	2554.105	5.8	Malpighian tubule	2L:+:17836718-17836795;2L:+:17836718-17836795	exon=> In CDS Exon 6 of transcript AGAP005609-PA;exon=> In CDS Exon 6 of transcript AGAP005609-PB
JHU_Ag_9391	AQQSLQLYGTTLHIDNAHDLNTTASEK	AGAP005609-PA,AGAP005609-PB	-	117	2.88E-11	1	2969.459	-0.3	Head	2L:+:17834863-17834895,17835268-17835315;2L:+:17834863-17834895,17835268-17835315	exon=> In CDS Exon 3 and 4 of transcript AGAP005609-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005609-PB
JHU_Ag_18695	LAPAPEKPITEEEKAETLASVR	AGAP005609-PA,AGAP005609-PB	-	110	5.33E-11	1	2379.288	4.9	Malpighian tubule	2L:+:17835844-17835909;2L:+:17835844-17835909	exon=> In CDS Exon 5 of transcript AGAP005609-PA;exon=> In CDS Exon 5 of transcript AGAP005609-PB
JHU_Ag_23998	LASLSATVDPTAGPR	AGAP005609-PA,AGAP005609-PB	-	76	2.20E-07	2	1455.786	4.07	Malpighian tubule	2L:+:17835622-17835666;2L:+:17835622-17835666	exon=> In CDS Exon 5 of transcript AGAP005609-PA;exon=> In CDS Exon 5 of transcript AGAP005609-PB
JHU_Ag_38149	STNLDTNWTWLQIR	AGAP005609-PA,AGAP005609-PB	-	80	1.46E-07	2	1747.894	10.26	Head	2L:+:17834598-17834639;2L:+:17834598-17834639	exon=> In CDS Exon 2 of transcript AGAP005609-PA;exon=> In CDS Exon 2 of transcript AGAP005609-PB
JHU_Ag_65030	GISSDQFFGDEQSSYER	AGAP005609-PA,AGAP005609-PB	-	82	4.21E-08	1	1951.843	6.18	Head	2L:+:17836649-17836699;2L:+:17836649-17836699	exon=> In CDS Exon 6 of transcript AGAP005609-PA;exon=> In CDS Exon 6 of transcript AGAP005609-PB
JHU_Ag_74163	VKTNFAEIEER	AGAP005609-PA,AGAP005609-PB	-	38	0.002786535	1	1335.692	1.54	Malpighian tubule	2L:+:17835787-17835819;2L:+:17835787-17835819	exon=> In CDS Exon 5 of transcript AGAP005609-PA;exon=> In CDS Exon 5 of transcript AGAP005609-PB
JHU_Ag_86799	LASLSATVDPTAGPR	AGAP005609-PA,AGAP005609-PB	-	82	5.24E-08	2	1455.782	1.21	Salivary gland	2L:+:17835622-17835666;2L:+:17835622-17835666	exon=> In CDS Exon 5 of transcript AGAP005609-PA;exon=> In CDS Exon 5 of transcript AGAP005609-PB
JHU_Ag_95616	VDFLTSEVPVEPVK	AGAP005609-PA,AGAP005609-PB	-	52	8.20E-05	2	1558.839	1.55	Head	2L:+:17835667-17835708;2L:+:17835667-17835708	exon=> In CDS Exon 5 of transcript AGAP005609-PA;exon=> In CDS Exon 5 of transcript AGAP005609-PB

JHU_Ag_96356	GGSSSISDQPTYSR	AGAP005609-PA,AGAP005609-PB	-	81	8.15E-08	1	1441.656	0.44	Malpighian tubule	2L:+:17836375-17836396,17836476-17836495;2L:+:17836375-17836396,17836476-17836495	exon=> In CDS Exon 5 and 6 of transcript AGAP005609-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP005609-PB
JHU_Ag_104029	GISSDQFFGDEQSSYER	AGAP005609-PA,AGAP005609-PB	-	140	5.12E-14	1	1951.838	3.87	Malpighian tubule	2L:+:17836649-17836699;2L:+:17836649-17836699	exon=> In CDS Exon 6 of transcript AGAP005609-PA;exon=> In CDS Exon 6 of transcript AGAP005609-PB
JHU_Ag_104233	AQQSLQLYGTTLHIDNAHDLNTTASEK	AGAP005609-PA,AGAP005609-PB	-	126	3.23E-12	1	2969.468	2.65	Malpighian tubule	2L:+:17834863-17834895,17835268-17835315;2L:+:17834863-17834895,17835268-17835315	exon=> In CDS Exon 3 and 4 of transcript AGAP005609-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP005609-PB
JHU_Ag_104831	AGGSSPSKEDIDAIFHR	AGAP005609-PA,AGAP005609-PB	N-Term(Acetyl)	77	2.74E-07	1	1828.890	4.09	Malpighian tubule	2L:+:17834221-17834271;2L:+:17834221-17834271	exon=> In CDS Exon 1 of transcript AGAP005609-PA;exon=> In CDS Exon 1 of transcript AGAP005609-PB
JHU_Ag_48763	GPALQYNGPDLEDVR	AGAP005609-PB	-	39	0.001963256	1	1643.809	3.69	Malpighian tubule	2L:+:17836917-17836961	exon=> In CDS Exon 7 of transcript AGAP005609-PB
JHU_Ag_61415	GPALQYNGPDLEDVR	AGAP005609-PB	-	44	0.000553819	2	1643.803	0.2	Salivary gland	2L:+:17836917-17836961	exon=> In CDS Exon 7 of transcript AGAP005609-PB
JHU_Ag_77238	GPALQYNGPDLEDVRESVR	AGAP005609-PB	-	66	4.27E-06	3	2115.053	3.14	Malpighian tubule	2L:+:17836917-17836973	exon=> In CDS Exon 7 of transcript AGAP005609-PB
JHU_Ag_6508	AAAAESLKEPEDS	AGAP005615-PA	-	38	0.001703831	2	1317.619	1.61	Pupa	2L:+:17875135-17875173	exon=> In CDS Exon 3 of transcript AGAP005615-PA
JHU_Ag_51602	NLFTIQHNR	AGAP005615-PA	-	41	0.00079605	2	1142.609	2.3	Head	2L:+:17874420-17874446	exon=> In CDS Exon 1 of transcript AGAP005615-PA
JHU_Ag_86646	AAAAESLKEPEDS	AGAP005615-PA	-	84	4.14E-08	1	1317.618	0.96	Malpighian tubule	2L:+:17875135-17875173	exon=> In CDS Exon 3 of transcript AGAP005615-PA
JHU_Ag_107742	NLFTIQHNR	AGAP005615-PA	-	40	0.001029026	2	1142.606	-0.26	Midgut	2L:+:17874420-17874446	exon=> In CDS Exon 1 of transcript AGAP005615-PA
JHU_Ag_111362	QLESQQLDFLENK	AGAP005615-PA	-	76	3.93E-07	2	1591.794	-1.6	Midgut	2L:+:17874979-17875017	exon=> In CDS Exon 3 of transcript AGAP005615-PA
JHU_Ag_114129	DSKELETANEHVR	AGAP005615-PA	-	60	1.35E-05	1	1527.740	-0.14	Pupa	2L:+:17874381-17874419	exon=> In CDS Exon 1 of transcript AGAP005615-PA
JHU_Ag_42739	FLTLDELFK	AGAP005618-PA	-	57	1.32E-05	1	1125.620	1.17	Ovary	2L:-:17920920-17920894	exon=> In CDS Exon 1 of transcript AGAP005618-PA
JHU_Ag_68048	IEVVAGDLIIIPSGIYHR	AGAP005618-PA	-	69	1.71E-07	1	1965.119	1.18	Ovary	2L:-:17920487-17920434	exon=> In CDS Exon 3 of transcript AGAP005618-PA
JHU_Ag_72998	INIPTYDTDGVLGK	AGAP005618-PA	-	46	0.000372084	2	1505.788	1.98	Male reproductive organs	2L:-:17920800-17920759	exon=> In CDS Exon 2 of transcript AGAP005618-PA
JHU_Ag_75687	IEVVAGDLIIIPSGIYHR	AGAP005618-PA	-	54	4.47E-06	1	1965.121	2.2	Head	2L:-:17920487-17920434	exon=> In CDS Exon 3 of transcript AGAP005618-PA
JHU_Ag_86309	STGVEYFKINIPTYDTDGVLGK	AGAP005618-PA	-	51	0.0001214	1	2417.233	3.95	Malpighian tubule	2L:-:17920893-17920992,17920595-17920759	exon=> In CDS Exon 2 and 1 of transcript AGAP005618-PA
JHU_Ag_98513	FLTLDELFK	AGAP005618-PA	-	40	0.000579669	1	1125.620	0.85	Salivary gland	2L:-:17920920-17920894	exon=> In CDS Exon 1 of transcript AGAP005618-PA
JHU_Ag_112448	INIPTYDTDGVLGK	AGAP005618-PA	-	40	0.001454762	2	1505.791	4.09	Malpighian tubule	2L:-:17920800-17920759	exon=> In CDS Exon 2 of transcript AGAP005618-PA

JHU_Ag_108292	KDYLK	AGAP005618-PA,AGAP009068-PA,AGAP000281-PA	-	34	0.001400588	1	666.383	0.85	Salivary gland	2L:-:17920267-17920253;3R:+:25407502-25407516;X:-:5062166-5062152	exon=> In CDS Exon 4 of transcript AGAP005618-PA;exon=> In CDS Exon 2 of transcript AGAP009068-PA;exon=> In CDS Exon 5 of transcript AGAP000281-PA
JHU_Ag_63924	DLRALAK	AGAP005619-PA	-	35	0.004674775	2	786.479	-5.12	Head	2L:+:17923928-17923948	exon=> In CDS Exon 1 of transcript AGAP005619-PA
JHU_Ag_142	INCGQVEELIVQAENELTLAR	AGAP005621-PA	C3(Carbamidomethyl)	131	1.08E-12	2	2399.225	0.54	Head	2L:-:17934019-17933957	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_822	VVATTPNVR	AGAP005621-PA	-	32	0.006766946	2	956.550	-2.15	Midgut	2L:-:17934142-17934292,17933861-17934035	exon=> In CDS Exon 3 and 2 of transcript AGAP005621-PA
JHU_Ag_3201	AKVVATTPNVR	AGAP005621-PA	-	66	9.46E-07	1	1155.685	0.22	Visceras	2L:-:17934148-17934292,17933861-17934035	exon=> In CDS Exon 3 and 2 of transcript AGAP005621-PA
JHU_Ag_4110	MLGWKPWEPLAK	AGAP005621-PA	M1(Oxidation)	52	6.18E-05	1	1455.779	-2.1	Midgut	2L:-:17933953-17933918	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_8344	VVATTPNVR	AGAP005621-PA	-	40	0.001154497	2	956.551	-1.71	Head	2L:-:17934142-17934292,17933861-17934035	exon=> In CDS Exon 3 and 2 of transcript AGAP005621-PA
JHU_Ag_10966	INCGQVEELIVQAENELTLAR	AGAP005621-PA	C3(Carbamidomethyl)	109	1.65E-10	1	2399.237	5.57	Malpighian tubule	2L:-:17934019-17933957	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_22601	INCGQVEELIVQAENELTLAR	AGAP005621-PA	C3(Carbamidomethyl)	102	7.35E-10	1	2399.231	2.97	Ovary	2L:-:17934019-17933957	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_33501	NPHHTLTALYNK	AGAP005621-PA	-	79	1.89E-07	1	1408.734	0.36	Visceras	2L:-:17934259-17934224	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_36655	ATGLTGLHVAK	AGAP005621-PA	-	65	1.35E-06	1	1067.621	0.3	Ovary	2L:-:17934292-17934260	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_40857	KMLGWKPWEPLAK	AGAP005621-PA	M2(Oxidation)	55	2.10E-05	1	1583.880	2.07	Visceras	2L:-:17933956-17933918	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_45711	NPHHTLTALYNKILR	AGAP005621-PA	-	77	9.47E-08	1	1791.005	1.5	Malpighian tubule	2L:-:17934259-17934215	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_50974	MPQDAAYR	AGAP005621-PA	-	50	9.81E-05	2	951.436	0.54	Visceras	2L:-:17934202-17934179	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_54194	KMLGWKPWEPLAK	AGAP005621-PA	M2(Oxidation)	60	5.99E-06	1	1583.885	5.47	Malpighian tubule	2L:-:17933956-17933918	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_59154	QAPASQWAWPPANLPELK	AGAP005621-PA	-	61	9.93E-06	1	2004.045	5.36	Malpighian tubule	2L:-:17933917-17933864	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_63976	MLGWKPWEPLAK	AGAP005621-PA	-	62	5.60E-06	1	1455.784	1.67	Head	2L:-:17933953-17933918	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_65937	RYTEQIVSER	AGAP005621-PA	-	45	0.00046329	1	1280.661	1.12	Visceras	2L:-:17934178-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_69692	NPHHTLTALYNK	AGAP005621-PA	N1(Deamidated)	88	2.06E-08	1	1408.731	-1.65	Head	2L:-:17934259-17934224	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_71508	YTEQIVSER	AGAP005621-PA	-	75	3.99E-07	2	1124.558	-0.53	Head	2L:-:17934175-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_73000	VVATTPNVR	AGAP005621-PA	-	41	0.000951465	1	956.552	-0.43	Visceras	2L:-:17934142-17934292,17933861-17934035	exon=> In CDS Exon 3 and 2 of transcript AGAP005621-PA
JHU_Ag_74128	MLGWKPWEPLAK	AGAP005621-PA	M1(Oxidation)	62	5.82E-06	1	1455.788	3.94	Visceras	2L:-:17933953-17933918	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_74653	NPHHTLTALYNK	AGAP005621-PA	-	78	2.47E-07	1	1408.734	0.88	Ovary	2L:-:17934259-17934224	exon=> In CDS Exon 2 of transcript AGAP005621-PA

JHU_Ag_74795	KATGLTGLHVAK	AGAP005621-PA	-	61	1.85E-06	2	1195.716	0.47	Visceras	2L:-:17934430-17934448,17934131-17934260	exon=> In CDS Exon 2 and 1 of transcript AGAP005621-PA
JHU_Ag_76939	RYTEQIVSER	AGAP005621-PA	-	55	5.49E-05	1	1280.667	5.69	Malpighian tubule	2L:-:17934178-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_77538	NPHHTLTALYNK	AGAP005621-PA	-	38	0.002077063	1	1408.734	0.26	Midgut	2L:-:17934259-17934224	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_80407	QAPASQWAWPPANLPELK	AGAP005621-PA	-	93	6.57E-09	1	2004.035	0.79	Head	2L:-:17933917-17933864	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_83055	QAPASQWAWPPANLPELK	AGAP005621-PA	-	92	8.60E-09	1	2004.041	3.41	Visceras	2L:-:17933917-17933864	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_83348	ATGLTGLHVAK	AGAP005621-PA	-	40	0.00049142	1	1067.623	2.47	Malpighian tubule	2L:-:17934292-17934260	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_84740	YTEQIVSER	AGAP005621-PA	-	66	3.97E-06	1	1124.556	-2.16	Midgut	2L:-:17934175-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_85080	ATGLTGLHVAK	AGAP005621-PA	-	77	8.68E-08	1	1067.622	0.99	Visceras	2L:-:17934292-17934260	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_89296	INCGQVEELIVQAENELTLAR	AGAP005621-PA	C3(Carbamidomethyl)	115	3.83E-11	1	2399.231	3.2	Visceras	2L:-:17934019-17933957	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_90023	KATGLTGLHVAK	AGAP005621-PA	-	33	0.00141897	3	1195.717	0.74	Malpighian tubule	2L:-:17934430-17934448,17934131-17934260	exon=> In CDS Exon 2 and 1 of transcript AGAP005621-PA
JHU_Ag_91208	YTEQIVSER	AGAP005621-PA	-	64	5.44E-06	2	1124.560	1.1	Visceras	2L:-:17934175-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_91848	KMLGWKPWEPLAK	AGAP005621-PA	-	53	2.84E-05	1	1583.876	-0.71	Midgut	2L:-:17933956-17933918	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_99643	INCGQVEELIVQAENELTLAR	AGAP005621-PA	C3(Carbamidomethyl)	139	1.71E-13	2	2399.230	2.77	Midgut	2L:-:17934019-17933957	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_101061	NPHHTLTALYNK	AGAP005621-PA	-	67	2.63E-06	1	1408.735	1.07	Malpighian tubule	2L:-:17934259-17934224	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_101191	YTEQIVSER	AGAP005621-PA	-	75	3.76E-07	2	1124.558	-0.42	Ovary	2L:-:17934175-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_101218	AKVVATTPNVR	AGAP005621-PA	-	44	0.0001636	2	1155.686	1.59	Malpighian tubule	2L:-:17934148-17934292,17933861-17934035	exon=> In CDS Exon 3 and 2 of transcript AGAP005621-PA
JHU_Ag_101662	VVATTPNVR	AGAP005621-PA	-	35	0.003470775	1	956.554	1.61	Malpighian tubule	2L:-:17934142-17934292,17933861-17934035	exon=> In CDS Exon 3 and 2 of transcript AGAP005621-PA
JHU_Ag_103453	ATGLTGLHVAK	AGAP005621-PA	-	76	1.22E-07	1	1067.621	0.53	Head	2L:-:17934292-17934260	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_104711	MLGWKPWEPLAK	AGAP005621-PA	-	44	0.000391085	1	1455.785	2.23	Malpighian tubule	2L:-:17933953-17933918	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_105883	MPQDAAYR	AGAP005621-PA	-	48	0.000161436	1	951.437	1.38	Malpighian tubule	2L:-:17934202-17934179	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_111401	QAPASQWAWPPANLPELK	AGAP005621-PA	-	100	1.67E-09	1	2004.029	-2.62	Midgut	2L:-:17933917-17933864	exon=> In CDS Exon 3 of transcript AGAP005621-PA
JHU_Ag_114710	YTEQIVSER	AGAP005621-PA	-	75	4.39E-07	2	1124.561	2.4	Malpighian tubule	2L:-:17934175-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_115761	RYTEQIVSER	AGAP005621-PA	-	55	5.88E-05	1	1280.659	-0.6	Head	2L:-:17934178-17934149	exon=> In CDS Exon 2 of transcript AGAP005621-PA
JHU_Ag_116883	VVATTPNVR	AGAP005621-PA	-	45	0.000314859	1	956.553	0.84	Salivary gland	2L:-:17934142-17934292,17933861-17934035	exon=> In CDS Exon 3 and 2 of transcript AGAP005621-PA
JHU_Ag_33234	TLPPALR	AGAP005622-PA,AGAP013127-PA	-	32	0.001470357	1	767.478	0.27	Salivary gland	2L:+:17937813-17937833;X:+:1206347-1206367	exon=> In CDS Exon 8 of transcript AGAP005622-PA;exon=> In CDS Exon 3 of transcript AGAP013127-PA

JHU_Ag_80218	SPQGYTDYGIYVTEVHEGSPAAK	AGAP005623-PA	-	66	3.95E-06	1	2469.159	0.95	Ovary	2L:-:17946402-17946507,17946118-17946262	exon=> In CDS Exon 3 and 2 of transcript AGAP005623-PA
JHU_Ag_106636	SPQGYTDYGIYVTEVHEGSPAAK	AGAP005623-PA	-	113	7.69E-11	1	2469.162	1.99	Head	2L:-:17946402-17946507,17946118-17946262	exon=> In CDS Exon 3 and 2 of transcript AGAP005623-PA
JHU_Ag_14683	ELGFAGGAIEIK	AGAP005625-PA,AGAP005625-PB	-	35	0.003050151	2	1204.659	1.81	Pupa	2L:-:17951284-17951249;2L:-:17951284-17951249	exon=> In CDS Exon 2 of transcript AGAP005625-PA;exon=> In CDS Exon 3 of transcript AGAP005625-PB
JHU_Ag_80930	FVQDCGPGTAFNPLILTCDHLR	AGAP005625-PA,AGAP005625-PB	C5(Carbamidomethyl), C18(Carbamidomethyl)	155	5.68E-15	1	2531.229	4.6	Head	2L:-:17952757-17952692;2L:-:17952757-17952692	exon=> In CDS Exon 2 of transcript AGAP005625-PA;exon=> In CDS Exon 3 of transcript AGAP005625-PB
JHU_Ag_1756	EPPTSVPTPAPAPAPAPAPAPAPAPAK	AGAP005626-PA	-	53	2.74E-05	1	2468.319	0.24	Salivary gland	2L:+:17968792-17968872	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_13019	EPPTSVPTPAPAPAPAPAPAPAPAPAK	AGAP005626-PA	-	68	8.05E-07	1	2468.326	3.15	Head	2L:+:17968792-17968872	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_17693	IFAFFTGK	AGAP005626-PA	-	42	0.001276204	1	930.513	4.46	Ovary	2L:+:17968324-17968347	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_23641	IPLLDR	AGAP005626-PA	-	31	0.001496355	1	726.451	0.37	Visceras	2L:+:17968306-17968323	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_24263	SSTMDFLQGEAGGR	AGAP005626-PA	M4(Oxidation)	93	4.08E-09	1	1471.650	0.9	Malpighian tubule	2L:+:17969032-17969073	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_31318	TVQALPESTPTDDTKPSK	AGAP005626-PA	-	74	6.10E-07	1	1914.965	-0.48	Head	2L:+:17968354-17968407	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_31756	IFAFFTGK	AGAP005626-PA	-	38	0.002690567	2	930.506	-3.02	Midgut	2L:+:17968324-17968347	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_41060	TVQALPESTPTDDTKPSK	AGAP005626-PA	-	59	1.70E-05	2	1914.968	1.31	Ovary	2L:+:17968354-17968407	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_45453	EPPTSVPTPAPAPAPAPAPAPAPAK	AGAP005626-PA	-	38	0.000728795	1	2468.326	3.15	Ovary	2L:+:17968792-17968872	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_53246	IPLLDR	AGAP005626-PA	-	30	0.002746768	1	726.452	1.12	Salivary gland	2L:+:17968306-17968323	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_60814	IPLLDR	AGAP005626-PA	-	31	0.00147487	1	726.451	0.28	Malpighian tubule	2L:+:17968306-17968323	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_65213	TVQALPESTPTDDTKPSK	AGAP005626-PA	-	83	6.57E-08	1	1914.966	0.22	Malpighian tubule	2L:+:17968354-17968407	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_82423	TVQALPESTPTDDTKPSK	AGAP005626-PA	-	64	5.53E-06	1	1914.965	-0.48	Midgut	2L:+:17968354-17968407	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_88470	AAPVASEPALPSNNEDSFIIVEQQKPATKPGQKPK	AGAP005626-PA	-	75	1.35E-07	1	3686.948	2.55	Malpighian tubule	2L:+:17968915-17969019	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_97138	TVQALPESTPTDDTKPSK	AGAP005626-PA	-	42	0.000941362	1	1914.970	2.54	Visceras	2L:+:17968354-17968407	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_101002	EPPTSVPTPAPAPAPAPAPAPAPAK	AGAP005626-PA	-	42	0.000398606	1	2468.314	-1.83	Male reproductive organs	2L:+:17968792-17968872	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_102752	IPLLDR	AGAP005626-PA	-	29	0.002402999	2	726.451	0.28	Ovary	2L:+:17968306-17968323	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_110514	EPPTSVPTPAPAPAPAPAPAPAPAK	AGAP005626-PA	-	53	2.74E-05	1	2468.321	1.13	Malpighian tubule	2L:+:17968792-17968872	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_114896	ELPAPTPK	AGAP005626-PA	-	51	3.69E-05	1	852.484	1.59	Malpighian tubule	2L:+:17968891-17968914	exon=> In CDS Exon 2 of transcript AGAP005626-PA
JHU_Ag_37032	VVENETAAGTGGGTDAEAANGGEGNK	AGAP005627-PA	N20(Deamidated)	135	2.29E-13	1	2377.042	1.29	Midgut	2L:+:17997082-17997152,17998002-17998008	exon=> In CDS Exon 1 and 2 of transcript AGAP005627-PA

JHU_Ag_62992	VVENETAAGTGGGTDAEAANGGEGNK	AGAP005627-PA	N20(Deamidated)	165	2.73E-16	1	2377.042	1.46	Head	2L:+:17997082-17997152,17998002-17998008	exon=> In CDS Exon 1 and 2 of transcript AGAP005627-PA
JHU_Ag_247	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	96	2.36E-09	1	1810.948	-2.03	Ovary	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_1564	RLVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	N7(Deamidated)	54	5.39E-05	2	1258.698	-1.81	Pupa	2L:+:17998841-17998873;2L:+:17998841-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_3906	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	139	1.95E-13	1	1861.866	-0.71	Pupa	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_3964	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	113	4.95E-11	1	1705.771	2.91	Malpighian tubule	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_5380	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	120	1.53E-11	1	1861.874	3.29	Malpighian tubule	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_5519	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	90	9.94E-09	1	1810.951	-0.62	Salivary gland	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_6041	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	-	77	1.78E-07	1	1257.725	6.93	Salivary gland	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_6614	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	43	0.000821336	2	1008.501	0.06	Salivary gland	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_8380	RIPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	63	9.78E-06	3	1164.603	0.53	Visceras	2L:+:17998874-17998900;2L:+:17998874-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_8898	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	79	1.66E-07	1	1123.583	1.01	Visceras	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_8911	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	Q11(Deamidated),N9(Deamidated)	115	3.70E-11	1	1520.809	1.14	Pupa	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_9946	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	89	1.14E-08	1	1810.958	3.29	Visceras	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_9994	IISMQMGGDLGQVYRR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	39	0.002158569	1	1855.908	-3.83	Salivary gland	2L:+:17998796-17998843;2L:+:17998796-17998843	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_12095	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	78	2.49E-07	1	1699.815	0.48	Ovary	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_12545	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	147	2.97E-14	1	2019.936	-0.35	Pupa	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_13183	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	66	3.71E-06	1	1297.635	0.15	Head	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_13189	YNLQVR	AGAP005627-PA,AGAP005627-PD	-	47	0.000171431	2	792.443	8.61	Salivary gland	2L:+:17999018-17999035;2L:+:17999018-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_13499	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	55	3.50E-05	1	1313.631	1.42	Ovary	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_13572	MGLTEFQAVKEMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation), M12(Oxidation)	86	3.54E-08	1	2434.192	1.43	Male reproductive organs	2L:+:17999099-17999161;2L:+:17999099-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_14117	ASVHIK	AGAP005627-PA,AGAP005627-PD	-	30	0.004173119	1	654.390	-4.65	Head	2L:+:17998949-17998966;2L:+:17998949-17998966	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_15714	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	59	1.70E-05	1	1101.612	-2.51	Head	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_16449	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	68	1.88E-06	2	1139.579	1.71	Larva	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_16841	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	96	3.23E-09	1	1520.811	2.66	Larva	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_16994	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	115	3.52E-11	1	1520.809	1.54	Visceras	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_17038	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	114	3.85E-11	1	1705.769	1.26	Midgut	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_17704	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	-	91	8.00E-09	1	1257.717	1	Head	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_18091	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	-	77	2.18E-07	1	1257.717	0.42	Visceras	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_18830	YNLQVR	AGAP005627-PA,AGAP005627-PD	-	43	0.000801546	2	792.436	-0.64	Pupa	2L:+:17999018-17999035;2L:+:17999018-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_20826	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	-	62	5.68E-06	1	1257.718	1.3	Midgut	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_21065	RIPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	46	0.000361141	1	1164.607	4.38	Larva	2L:+:17998874-17998900;2L:+:17998874-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_23017	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	N6(Deamidated)	76	3.53E-07	1	1101.618	2.52	Larva	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_24378	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	53	8.12E-05	1	1008.501	0.18	Visceras	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_24527	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	96	2.18E-09	1	1810.959	3.83	Malpighian tubule	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_25473	RLVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	57	2.10E-05	1	1257.718	1.78	Larva	2L:+:17998841-17998873;2L:+:17998841-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_25637	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	71	7.75E-07	1	1810.953	0.66	Male reproductive organs	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_27028	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	105	5.00E-10	1	1667.822	-1.58	Midgut	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_27426	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	86	2.24E-08	2	1810.959	3.7	Head	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_28655	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	52	7.57E-05	1	1861.863	-2.49	Salivary gland	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_28708	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	115	3.43E-11	1	1520.806	-0.63	Salivary gland	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_29621	MGLTEFQAVKEMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation), M12(Oxidation)	120	1.44E-11	1	2434.206	7.14	Larva	2L:+:17999099-17999161;2L:+:17999099-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_30001	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	123	6.76E-12	1	2019.931	-2.98	Ovary	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_32165	ASVHIKVPK	AGAP005627-PA,AGAP005627-PD	-	46	2.76E-05	1	978.614	4.76	Larva	2L:+:17998949-17998975;2L:+:17998949-17998975	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_33877	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	47	0.000349942	1	1861.887	10.37	Midgut	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_37185	YNLQVR	AGAP005627-PA,AGAP005627-PD	-	40	0.001431952	2	792.436	0.13	Ovary	2L:+:17999018-17999035;2L:+:17999018-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_37437	RLVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	63	6.06E-06	1	1257.701	-11.9	Malpighian tubule	2L:+:17998841-17998873;2L:+:17998841-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_39527	MGLTEFQAVKEMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M12(Oxidation),"M1(Oxidation), M12(Oxidation)"	139	1.95E-13	1	2418.204	4.58	Pupa	2L:+:17999099-17999161;2L:+:17999099-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_39764	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	54	6.43E-05	1	1008.506	4.9	Larva	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_40378	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	57	2.53E-05	1	1297.637	1.94	Salivary gland	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_41328	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	Q5(Deamidated),M6(Oxidation),"M4(Oxidation), M6(Oxidation)",M4(Oxidation),"M4(Oxidation), Q5(Deamidated), M6(Oxidation)"	145	5.38E-14	1	1667.828	2.37	Pupa	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_42218	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	86	3.19E-08	1	1520.805	-0.95	Midgut	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_43864	MGLTEFQAVKEMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation), M12(Oxidation)	47	0.00033971	1	2434.191	1.35	Ovary	2L:+:17999099-17999161;2L:+:17999099-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_44047	RIPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	51	0.000125927	1	1164.605	2.34	Pupa	2L:+:17998874-17998900;2L:+:17998874-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_46914	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	134	5.85E-13	1	2019.934	-1.59	Head	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_48520	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	114	4.63E-11	1	1520.803	-2.4	Head	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_49696	RLVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	76	2.64E-07	1	1257.713	-2.78	Ovary	2L:+:17998841-17998873;2L:+:17998841-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_51046	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	112	6.04E-11	1	1705.767	0.12	Salivary gland	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_51348	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	-	55	4.11E-05	1	1297.634	-0.69	Visceras	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_51494	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	59	1.79E-05	1	1297.637	1.94	Pupa	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_52071	MGLTEFQAVKEMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation), M12(Oxidation)	90	1.65E-08	1	2434.200	5.04	Salivary gland	2L:+:17999099-17999161;2L:+:17999099-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_52239	IISMQMGGDLGQVYRR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	48	0.000215909	1	1855.921	3.27	Pupa	2L:+:17998796-17998843;2L:+:17998796-17998843	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_53263	YNLQVR	AGAP005627-PA,AGAP005627-PD	-	43	0.000704577	2	792.437	0.37	Male reproductive organs	2L:+:17999018-17999035;2L:+:17999018-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_53659	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	107	1.97E-10	1	1705.767	0.26	Ovary	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_53672	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	121	1.14E-11	1	2019.936	-0.53	Salivary gland	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_53690	YNLQVR	AGAP005627-PA,AGAP005627-PD	-	44	0.000410348	2	792.438	2.06	Head	2L:+:17999018-17999035;2L:+:17999018-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_54167	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	81	1.08E-07	2	1123.580	-1.81	Midgut	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_55683	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	71	1.22E-06	1	1123.579	-2.03	Head	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_57521	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	56	3.07E-05	2	1139.576	-0.11	Ovary	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_58033	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	139	2.11E-13	1	1861.870	1.39	Visceras	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_58218	IPFSHHDRLGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C15(Carbamidomethyl)	114	3.76E-11	1	2800.444	2.96	Malpighian tubule	2L:+:17998877-17998948;2L:+:17998877-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_58622	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	115	3.30E-11	1	1520.813	3.79	Male reproductive organs	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_59030	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	76	3.63E-07	1	1861.866	-0.65	Head	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_59916	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	59	1.65E-05	1	1297.638	2.41	Malpighian tubule	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_62287	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	118	1.41E-11	1	1705.768	1.12	Visceras	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_62402	RIPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	56	4.69E-05	3	1164.604	1.39	Head	2L:+:17998874-17998900;2L:+:17998874-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_62543	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	N6(Deamidated)	57	2.44E-05	1	1258.700	0.13	Male reproductive organs	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_63723	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	140	1.53E-13	1	2019.944	3.54	Larva	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_64293	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	128	2.44E-12	1	1861.875	4.15	Larva	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_64654	RMGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	54	4.36E-05	1	1279.684	0.95	Pupa	2L:+:17999096-17999128;2L:+:17999096-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_65709	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	53	7.85E-05	1	1008.502	1.03	Pupa	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_65955	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	60	1.10E-05	2	1313.627	-1.74	Midgut	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_66687	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	N15(Deamidated)	129	9.12E-13	1	1706.756	3.04	Head	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_68078	RIPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	38	0.002876427	3	1164.604	1.47	Ovary	2L:+:17998874-17998900;2L:+:17998874-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_69143	RLVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	78	1.54E-07	1	1257.716	0.13	Head	2L:+:17998841-17998873;2L:+:17998841-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_70115	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	122	1.04E-11	1	2019.937	0.19	Midgut	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_70395	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	109	1.97E-10	1	1699.820	3.5	Male reproductive organs	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_71654	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	145	5.02E-14	1	2019.937	0.29	Visceras	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_72665	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	140	1.72E-13	1	1667.826	1.2	Salivary gland	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_72896	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	115	4.09E-11	1	1520.810	2.18	Malpighian tubule	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_73652	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	-	71	8.67E-07	1	1257.721	3.72	Larva	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_75158	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation), Q12(Deamidated),"Q5(Deamidated), M6(Oxidation)",M6(Oxidation),"M4(Oxidation), M6(Oxidation)",M4(Oxidation),"M4(Oxidation), Q5(Deamidated), M6(Oxidation)"	136	4.22E-13	1	1667.825	0.47	Head	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_75227	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	N6(Deamidated)	81	8.56E-08	1	1257.716	-0.55	Pupa	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_76131	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	41	0.001189803	2	1008.504	2.79	Malpighian tubule	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_76925	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	128	1.31E-12	2	1705.766	-0.53	Pupa	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_78674	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	N15(Deamidated)	99	1.02E-09	2	1705.770	2.19	Larva	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_80745	GEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	108	1.33E-10	1	1705.767	0.33	Male reproductive organs	2L:+:17999045-17999092;2L:+:17999045-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_80916	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	65	4.16E-06	1	1101.615	0.08	Ovary	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_81295	RLVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	64	4.08E-06	1	1257.714	-1.71	Salivary gland	2L:+:17998841-17998873;2L:+:17998841-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_82336	IISMQMGGDLGQVYRR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	33	0.008920663	1	1855.919	1.99	Midgut	2L:+:17998796-17998843;2L:+:17998796-17998843	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_82505	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	N6(Deamidated)	56	3.92E-05	1	1101.616	0.52	Salivary gland	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_83001	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M6(Oxidation),"M4(Oxidation), M6(Oxidation)"	95	5.06E-09	1	1667.830	3.4	Visceras	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_84212	LEATADKYNLQVR	AGAP005627-PA,AGAP005627-PD	-	104	4.47E-10	1	1520.806	-0.23	Ovary	2L:+:17998997-17999035;2L:+:17998997-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_84656	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	80	8.11E-08	1	1810.962	5.72	Larva	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_84735	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	48	0.000185313	2	1139.580	3.11	Male reproductive organs	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_85397	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	145	5.25E-14	1	2019.934	-1.44	Male reproductive organs	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_86695	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	77	2.65E-07	1	1101.615	0.08	Pupa	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_87362	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	73	7.01E-07	1	1101.619	3.29	Malpighian tubule	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_87857	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	58	1.86E-05	2	1139.579	2.14	Salivary gland	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_90297	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	53	8.51E-05	1	1008.497	-3.81	Head	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_90343	RIPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	42	0.000987926	1	1164.603	1.08	Salivary gland	2L:+:17998874-17998900;2L:+:17998874-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_92989	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	64	5.90E-06	1	1101.617	1.92	Visceras	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_95147	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	61	9.47E-06	1	1313.629	-0.34	Male reproductive organs	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_96324	YNLQVR	AGAP005627-PA,AGAP005627-PD	-	43	0.000606949	2	792.438	2.45	Malpighian tubule	2L:+:17999018-17999035;2L:+:17999018-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_96961	IISMQMGGDLGQVYRR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	39	0.002017114	1	1855.924	4.65	Larva	2L:+:17998796-17998843;2L:+:17998796-17998843	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_97515	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	-	76	2.76E-07	1	1257.716	-0.26	Ovary	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_99099	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	44	0.000556571	2	1008.501	0.24	Ovary	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_99193	LVTAVNDIEKR	AGAP005627-PA,AGAP005627-PD	-	69	1.10E-06	1	1257.717	0.91	Malpighian tubule	2L:+:17998844-17998876;2L:+:17998844-17998876	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_99267	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	60	1.33E-05	1	1101.614	-0.92	Male reproductive organs	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_99323	EMYDGISEIIK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	64	5.41E-06	2	1313.636	4.67	Larva	2L:+:17999129-17999161;2L:+:17999129-17999161	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_100147	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M6(Oxidation),M4(Oxidation),"M4(Oxidation), M6(Oxidation)"	121	1.42E-11	1	1683.822	1.67	Malpighian tubule	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_100265	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	79	1.65E-07	2	1139.576	-0.43	Pupa	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_101271	MGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M1(Oxidation)	74	5.36E-07	2	1123.584	2.21	Malpighian tubule	2L:+:17999099-17999128;2L:+:17999099-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_101501	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	42	0.000845933	1	1861.866	-0.65	Male reproductive organs	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_101819	ASVHIKVPK	AGAP005627-PA,AGAP005627-PD	-	51	1.18E-05	1	978.610	0.27	Malpighian tubule	2L:+:17998949-17998975;2L:+:17998949-17998975	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_102167	LVTAVNDIEK	AGAP005627-PA,AGAP005627-PD	-	38	0.002127492	1	1101.614	-0.96	Midgut	2L:+:17998844-17998873;2L:+:17998844-17998873	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_102627	LAKDYAK	AGAP005627-PA,AGAP005627-PD	-	41	0.000443025	1	808.458	1.49	Malpighian tubule	2L:+:17998976-17998996;2L:+:17998976-17998996	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_102941	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl)	100	9.55E-10	1	1810.948	-2.17	Midgut	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_103666	ASVHIKVPK	AGAP005627-PA,AGAP005627-PD	-	57	3.35E-06	1	978.610	0.09	Pupa	2L:+:17998949-17998975;2L:+:17998949-17998975	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_104340	IISMQMGGDLGQVYR	AGAP005627-PA,AGAP005627-PD	M6(Oxidation),"M4(Oxidation), Q5(Deamidated), M6(Oxidation)","M4(Oxidation), M6(Oxidation)"	95	4.27E-09	1	1699.820	3.14	Larva	2L:+:17998796-17998840;2L:+:17998796-17998840	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_104791	YNLQVR	AGAP005627-PA,AGAP005627-PD	-	35	0.003470505	2	792.439	3.14	Larva	2L:+:17999018-17999035;2L:+:17999018-17999035	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_108111	GEHSEAEGGIYDISNKR	AGAP005627-PA,AGAP005627-PD	-	88	2.05E-08	1	1861.865	-1.53	Ovary	2L:+:17999045-17999095;2L:+:17999045-17999095	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_108870	IISMQMGGDLGQVYRR	AGAP005627-PA,AGAP005627-PD	M4(Oxidation), M6(Oxidation)	53	7.24E-05	1	1855.916	0.41	Visceras	2L:+:17998796-17998843;2L:+:17998796-17998843	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_109935	EMYDGISEIIKIEK	AGAP005627-PA,AGAP005627-PD	-	36	0.003213077	1	1667.861	3	Visceras	2L:+:17999129-17999170;2L:+:17999129-17999170	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_110216	RMGLTEFQAVK	AGAP005627-PA,AGAP005627-PD	M2(Oxidation)	51	8.39E-05	1	1295.679	1.09	Male reproductive organs	2L:+:17999096-17999128;2L:+:17999096-17999128	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_110365	IPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	53	7.95E-05	1	1008.507	5.57	Male reproductive organs	2L:+:17998877-17998900;2L:+:17998877-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_111131	LGFLTFCPTNLGTTIR	AGAP005627-PA,AGAP005627-PD	C7(Carbamidomethyl), N10(Deamidated),C7(Carbamidomethyl)	89	1.25E-08	1	1810.958	3.02	Pupa	2L:+:17998901-17998948;2L:+:17998901-17998948	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_113652	IISMQMGGDLGQVYRR	AGAP005627-PA,AGAP005627-PD	M6(Oxidation),"M4(Oxidation), M6(Oxidation)"	62	9.04E-06	1	1855.918	1.3	Malpighian tubule	2L:+:17998796-17998843;2L:+:17998796-17998843	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_115383	RIPFSHHDR	AGAP005627-PA,AGAP005627-PD	-	46	0.000454699	3	1164.604	1.24	Malpighian tubule	2L:+:17998874-17998900;2L:+:17998874-17998900	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_116634	GTRGEHSEAEGGIYDISNK	AGAP005627-PA,AGAP005627-PD	-	128	2.42E-12	1	2019.938	0.83	Malpighian tubule	2L:+:17999036-17999092;2L:+:17999036-17999092	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_56404	SDTMVDAAVMEK	AGAP005627-PA,AGAP012924-PA	M10(Oxidation),M4(Oxidation),"M4(Oxidation), M10(Oxidation)"	77	1.29E-07	2	1328.571	0.21	Head	2L:+:17998009-17998044;UNKN:-:39406534-39406499	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA

JHU_Ag_524	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	39	0.001817032	2	821.439	-1.16	Visceras	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_1780	LAASDSK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	44	0.000885832	1	691.364	3.08	Visceras	2L:+:17998066-17998086;UNKN:-:39406477-39406457;2L:+:17998066-17998086	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_5642	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	92	8.91E-09	1	1333.721	0.36	Male reproductive organs	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_6258	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	40	0.001416976	2	821.440	-0.79	Male reproductive organs	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_7329	EGDRFLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C12(Carbamidomethyl)	86	3.48E-08	1	1507.710	1.84	Malpighian tubule	2L:+:17998676-17998714;UNKN:-:39405868-39405830;2L:+:17998676-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_8111	LAASDSKSLLK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	64	1.88E-06	1	1132.658	1.08	Malpighian tubule	2L:+:17998066-17998098;UNKN:-:39406477-39406445;2L:+:17998066-17998098	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_10480	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	43	0.000780481	2	821.439	-1.23	Midgut	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_10889	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	142	9.48E-14	1	2735.279	3.22	Visceras	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_12271	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	84	3.42E-08	1	1518.841	2.18	Malpighian tubule	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_14116	FYPLTGMDK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M7(Oxidation)	48	0.000151299	1	1087.512	-1.27	Pupa	2L:+:17998607-17998633;UNKN:-:39405937-39405911;2L:+:17998607-17998633	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_15772	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	40	0.001470153	2	821.441	0.33	Head	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD

JHU_Ag_16082	GKFYPLTGMDK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M9(Oxidation)	45	0.000447236	1	1272.630	0.17	Male reproductive organs	2L:+:17998601-17998633;UNKN:-:39405943-39405911;2L:+:17998601-17998633	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_16215	LAASDSK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	40	0.002174 46	1	691.364	2.02	Head	2L:+:17998066-17998086;UNKN:-:39406477-39406457;2L:+:17998066-17998086	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_16863	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	52	8.90E-05	2	821.440	-0.71	Pupa	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_18202	SMEGYPFNPCLTEAQYKEMEGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl), M19(Oxidation),"C10(Carbamidomethyl), M19(Oxidation)"	44	0.000179 262	1	2641.120	-2.05	Malpighian tubule	2L:+:17998496-17998561;UNKN:-:39406048-39405983;2L:+:17998496-17998561	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_20834	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	99	1.30E-09	1	1518.837	-0.16	Head	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_22588	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	Q4(Deamidated),Q5(Deamidated),Q3(Deamidated)	87	2.45E-08	1	1701.895	-0.73	Ovary	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_24123	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	185	3.91E-18	1	2735.279	3.55	Malpighian tubule	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_24635	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	98	2.17E-09	1	1718.800	2.55	Larva	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_28477	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl)	85	2.05E-08	1	2050.887	-0.64	Male reproductive organs	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_31168	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	84	3.56E-08	1	1518.842	2.82	Visceras	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_35465	FYPLTGMDK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M7(Oxidation)	39	0.001256 126	1	1087.513	0.3	Malpighian tubule	2L:+:17998607-17998633;UNKN:-:39405937-39405911;2L:+:17998607-17998633	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_37944	MEAGFAK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M1(Oxidation)	42	0.000299234	2	769.353	-2.21	Head	2L:+:17998045-17998065;UNKN:-:39406498-39406478;2L:+:17998045-17998065	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_38753	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	163	7.51E-16	1	2735.279	3.22	Head	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_39496	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	68	1.57E-06	1	1518.838	0.49	Male reproductive organs	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_40021	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C8(Carbamidomethyl)	62	1.10E-05	2	1050.514	-0.85	Midgut	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_40311	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	Q4(Deamidated),Q5(Deamidated),Q3(Deamidated)	113	6.48E-11	1	1701.899	2.06	Head	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_40556	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	34	0.003345685	1	1518.840	1.6	Ovary	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_40867	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	41	0.001039565	2	821.442	2.11	Larva	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_43876	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation),C10(Carbamidomethyl)	100	6.52E-10	1	2050.884	-2.3	Midgut	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_45257	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	96	3.06E-09	1	1333.723	1.46	Pupa	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_46061	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	101	9.25E-10	1	3079.437	-0.88	Midgut	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_46623	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	69	1.63E-06	1	2735.295	9.24	Midgut	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_47006	FYPLTGMDK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M7(Oxidation)	49	0.000142572	1	1087.512	-0.6	Male reproductive organs	2L:+:17998607-17998633;UNKN:-:39405937-39405911;2L:+:17998607-17998633	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_48671	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	80	9.38E-08	1	1518.842	3.3	Salivary gland	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_49741	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	87	2.33E-08	2	1333.725	3.2	Midgut	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_50984	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation),C10(Carbamidomethyl),C10(Carbamidomethyl)	89	9.69E-09	1	2034.892	-0.74	Salivary gland	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_52396	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	89	1.81E-08	2	1333.721	0	Salivary gland	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_52655	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	65	2.84E-06	1	1518.836	-0.88	Midgut	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_52773	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	104	6.51E-10	1	1718.796	0.49	Pupa	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_53654	LAASDSK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	52	0.000114479	1	691.363	0.96	Male reproductive organs	2L:+:17998066-17998086;UNKN:-:39406477-39406457;2L:+:17998066-17998086	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_55001	MEAGFAK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M1(Oxidation)	37	0.001143373	2	769.356	0.97	Malpighian tubule	2L:+:17998045-17998065;UNKN:-:39406498-39406478;2L:+:17998045-17998065	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_55119	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	Q4(Deamidated),Q3(Deamidated)	100	1.35E-09	1	1701.896	0.27	Male reproductive organs	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_56923	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	100	1.38E-09	1	1701.896	-0.16	Malpighian tubule	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_57024	LAASDSK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	47	0.000394522	1	691.362	-0.1	Salivary gland	2L:+:17998066-17998086;UNKN:-:39406477-39406457;2L:+:17998066-17998086	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_58353	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	128	2.12E-12	1	2735.278	3.15	Salivary gland	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_59093	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl)	99	8.36E-10	1	2050.891	1.15	Ovary	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_59214	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	116	1.84E-11	1	2050.895	3.05	Malpighian tubule	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_59631	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl)	101	5.47E-10	1	2050.894	2.46	Larva	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_60599	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl),"M2(Oxidation), C10(Carbamidomethyl), Q15(Deamidated)"	131	5.72E-13	1	2050.893	2.22	Head	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_61129	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	Q4(Deamidated)	114	5.84E-11	1	1701.891	-3.1	Midgut	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_61638	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	100	1.54E-09	1	1718.797	0.56	Male reproductive organs	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_61792	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	169	1.65E-16	1	3079.447	2.45	Malpighian tubule	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_62695	FYPLTGMDK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M7(Oxidation)	35	0.003438617	1	1087.517	3.33	Larva	2L:+:17998607-17998633;UNKN:-:39405937-39405911;2L:+:17998607-17998633	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_67352	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	Q4(Deamidated),Q5(Deamidated),Q3(Deamidated)	121	1.19E-11	1	1702.887	4.14	Pupa	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_69030	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	103	3.50E-10	1	2050.894	2.82	Pupa	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_69285	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	150	1.42E-14	1	3079.444	1.62	Salivary gland	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_69839	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	48	0.000209586	2	821.440	-0.04	Salivary gland	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_71080	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	139	1.44E-13	1	3079.444	1.43	Visceras	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_71272	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	149	1.61E-14	1	2735.275	1.81	Pupa	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_71367	YLTKEVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	81	6.12E-08	1	1326.734	3.01	Malpighian tubule	2L:+:17998102-17998134;UNKN:-:39406441-39406409;2L:+:17998102-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_71413	AVQQQLIDDHFLFKEGDR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	65	4.65E-06	1	2159.088	-0.25	Pupa	2L:+:17998634-17998687;UNKN:-:39405910-39405857;2L:+:17998634-17998687	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_72248	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	94	4.65E-09	2	1701.899	1.7	Visceras	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_78167	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	97	3.18E-09	1	1718.799	1.99	Head	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_78482	SMEGYPFNPCLTEAQYKEMEGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl), M19(Oxidation)	49	5.56E-05	1	2641.124	-0.59	Midgut	2L:+:17998496-17998561;UNKN:-:39406048-39405983;2L:+:17998496-17998561	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_79986	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	Q3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	68	2.46E-06	1	1050.515	0.43	Pupa	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_80044	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	90	1.26E-08	1	1333.722	0.73	Ovary	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_80308	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	92	9.18E-09	1	1333.722	0.54	Visceras	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_80660	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	46	0.000295735	1	2735.258	-4.28	Male reproductive organs	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_80866	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C8(Carbamidomethyl)	62	8.95E-06	1	1050.517	1.71	Malpighian tubule	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_83315	EVFDALKNK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	53	6.75E-05	1	1063.578	-0.57	Malpighian tubule	2L:+:17998114-17998140;UNKN:-:39406429-39406403;2L:+:17998114-17998140	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_84648	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C8(Carbamidomethyl)	66	3.81E-06	1	1050.517	2.17	Larva	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_84800	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	89	1.72E-08	1	1718.790	-2.99	Midgut	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_87728	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	72	9.06E-07	1	1718.796	0.14	Salivary gland	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_88506	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	Q3(Deamidated),C8(Carbamidomethyl),C8(Carbamidomethyl)	62	8.81E-06	2	1051.497	-1.78	Head	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_89828	MEAGFAK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	37	0.001449099	1	753.360	-0.32	Pupa	2L:+:17998045-17998065;UNKN:-:39406498-39406478;2L:+:17998045-17998065	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_91604	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	N13(Deamidated)	167	2.45E-16	1	3079.448	2.94	Pupa	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_92466	GKFYPLTGMDK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M9(Oxidation)	59	1.70E-05	1	1272.629	-0.6	Pupa	2L:+:17998601-17998633;UNKN:-:39405943-39405911;2L:+:17998601-17998633	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_92746	HPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	129	1.87E-12	1	2735.271	0.34	Ovary	2L:+:17998403-17998480;UNKN:-:39406141-39406064;2L:+:17998403-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_92945	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	114	5.01E-11	1	1701.904	4.64	Larva	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_93018	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C8(Carbamidomethyl)	57	3.19E-05	1	1050.514	-0.96	Salivary gland	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_94866	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	96	2.85E-09	1	1333.724	2.37	Head	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_95091	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	43	0.000763355	2	1718.802	3.62	Ovary	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_96308	GIYHNDNK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	36	0.003008313	1	960.456	2.44	Male reproductive organs	2L:+:17998733-17998756;UNKN:-:39405811-39405788;2L:+:17998733-17998756	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_96818	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	61	6.93E-06	1	1518.844	4.59	Larva	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_97456	SMEGYPFNPCLTEAQYKEMEGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl), M19(Oxidation)	41	0.000312214	1	2641.122	-1.35	Visceras	2L:+:17998496-17998561;UNKN:-:39406048-39405983;2L:+:17998496-17998561	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_97489	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C8(Carbamidomethyl)	53	7.91E-05	1	1050.515	0.2	Visceras	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_99341	MEAGFAK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M1(Oxidation)	41	0.000328686	2	769.354	-0.7	Ovary	2L:+:17998045-17998065;UNKN:-:39406498-39406478;2L:+:17998045-17998065	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD

JHU_Ag_99865	AVQQQLIDDHFLFK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	108	2.03E-10	1	1701.898	1.35	Salivary gland	2L:+:17998634-17998675;UNKN:-:39405910-39405869;2L:+:17998634-17998675	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_99988	FLQAANACR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C8(Carbamidomethyl)	62	1.07E-05	1	1050.514	-1.31	Ovary	2L:+:17998688-17998714;UNKN:-:39405856-39405830;2L:+:17998688-17998714	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_101366	AVQQQLIDDHFLFKEGDR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	47	0.000278622	1	2159.091	1.56	Malpighian tubule	2L:+:17998634-17998687;UNKN:-:39405910-39405857;2L:+:17998634-17998687	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_102247	GIYHNDNK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	38	0.002008193	1	960.452	-1.42	Head	2L:+:17998733-17998756;UNKN:-:39405811-39405788;2L:+:17998733-17998756	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_102304	GIYHNDNKTFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C14(Carbamidomethyl)	153	6.09E-15	1	2660.236	1.92	Malpighian tubule	2L:+:17998733-17998795;UNKN:-:39405811-39405749;2L:+:17998733-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_102749	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	133	6.44E-13	1	3079.438	-0.52	Male reproductive organs	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_106020	VSTTLSGLEGELKGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	84	3.61E-08	1	1518.839	1.05	Pupa	2L:+:17998562-17998606;UNKN:-:39405982-39405938;2L:+:17998562-17998606	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_106219	GIYHNDNK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	N5(Deamidated)	39	0.000932816	2	961.434	-3.41	Malpighian tubule	2L:+:17998733-17998756;UNKN:-:39405811-39405788;2L:+:17998733-17998756	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_108362	SMEGYPFNPCLTEAQYKEMEGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl), M19(Oxidation)	54	2.17E-05	1	2641.134	3.29	Male reproductive organs	2L:+:17998496-17998561;UNKN:-:39406048-39405983;2L:+:17998496-17998561	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_108453	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	111	1.29E-10	1	1718.797	0.56	Malpighian tubule	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_109025	TFLVWCNEEDHLR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	C6(Carbamidomethyl)	94	5.58E-09	1	1718.801	2.98	Visceras	2L:+:17998757-17998795;UNKN:-:39405787-39405749;2L:+:17998757-17998795	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD

JHU_Ag_109439	EVFDALK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	45	0.000450155	2	821.441	0.7	Malpighian tubule	2L:+:17998114-17998134;UNKN:-:39406429-39406409;2L:+:17998114-17998134	exon=> In CDS Exon 2 of transcript AGAP005627-PA;exon=> In CDS Exon 1 of transcript AGAP012924-PA;exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_109483	FYPLTGMDK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M7(Oxidation)	54	4.51E-05	1	1087.511	-1.5	Ovary	2L:+:17998607-17998633;UNKN:-:39405937-39405911;2L:+:17998607-17998633	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_110156	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	151	9.93E-15	1	3079.448	2.69	Ovary	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_110631	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	93	6.30E-09	2	1333.723	1.64	Malpighian tubule	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_112797	SMEGYPFNPCLTEAQYKEMEGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl), M19(Oxidation)	51	3.98E-05	1	2641.123	-0.87	Ovary	2L:+:17998496-17998561;UNKN:-:39406048-39405983;2L:+:17998496-17998561	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_113690	SMEGYPFNPCLTEAQYKEMEGK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl), M19(Oxidation)	45	0.000142059	1	2641.121	-1.84	Salivary gland	2L:+:17998496-17998561;UNKN:-:39406048-39405983;2L:+:17998496-17998561	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_116325	TDKHPASDFGDVNAFGNVDPTGEFVVSTR	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	157	2.35E-15	1	3079.444	1.51	Head	2L:+:17998394-17998480;UNKN:-:39406150-39406064;2L:+:17998394-17998480	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_116806	SMEGYPFNPCLTEAQYK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	M2(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	97	1.45E-09	1	2050.888	-0.16	Visceras	2L:+:17998496-17998546;UNKN:-:39406048-39405998;2L:+:17998496-17998546	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_116991	VSTTLSGLEGELK	AGAP005627-PA,AGAP012924-PA,AGAP005627-PD	-	100	1.09E-09	2	1333.727	4.75	Larva	2L:+:17998562-17998600;UNKN:-:39405982-39405944;2L:+:17998562-17998600	exon=> In CDS Exon 3 of transcript AGAP005627-PA;exon=> In CDS Exon 2 of transcript AGAP012924-PA;exon=> In CDS Exon 2 of transcript AGAP005627-PD
JHU_Ag_565	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl)	51	0.000127291	1	904.445	0.89	Pupa	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_38764	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	55	5.15E-05	2	920.440	0.55	Malpighian tubule	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_42469	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	72	1.02E-06	2	920.440	0.09	Pupa	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_53111	VDAAVMEKMEAGFAK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	120	1.59E-11	1	1654.784	1.5	Malpighian tubule	2L:+:17998021-17998065	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_58583	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl)	64	6.96E-06	2	904.445	0.67	Malpighian tubule	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD

JHU_Ag_64109	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl)	50	0.000171806	1	904.443	-1.27	Head	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_68004	VDAAVMEKMEAGFAK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation), M9(Oxidation)	50	0.000133574	1	1670.777	0.51	Salivary gland	2L:+:17998021-17998065	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_74241	VDAAVMEKMEAGFAK	AGAP005627-PD	N-Term(Acetyl), M9(Oxidation)	104	5.39E-10	1	1654.784	1.43	Malpighian tubule	2L:+:17998021-17998065	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_76105	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	68	2.47E-06	2	920.440	0.75	Male reproductive organs	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_77195	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	40	0.001494 16	1	920.442	2.36	Larva	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_77211	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl)	65	5.46E-06	2	904.445	0.2	Visceras	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_80700	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	54	6.93E-05	1	920.437	-2.5	Ovary	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_81184	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	50	0.000142076	2	920.440	1.01	Visceras	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_85036	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	70	1.44E-06	2	920.440	0.09	Salivary gland	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_87197	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl)	62	1.09E-05	2	904.446	1.69	Salivary gland	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_88968	VDAAVMEKMEAGFAK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation), M9(Oxidation)	43	0.000622945	1	1670.780	2.19	Male reproductive organs	2L:+:17998021-17998065	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_94570	VDAAVMEKMEAGFAK	AGAP005627-PD	N-Term(Acetyl)	125	4.90E-12	1	1638.794	4.67	Malpighian tubule	2L:+:17998021-17998065	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_105075	VDAAVMEK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation)	40	0.001497379	1	920.439	0.03	Head	2L:+:17998021-17998044	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_112622	VDAAVMEKMEAGFAK	AGAP005627-PD	N-Term(Acetyl), M6(Oxidation), M9(Oxidation)	86	3.80E-08	1	1670.779	1.75	Malpighian tubule	2L:+:17998021-17998065	exon=> In CDS Exon 1 of transcript AGAP005627-PD
JHU_Ag_499	MDELELFR	AGAP005630-PA	M1(Oxidation)	69	1.56E-06	2	1068.506	2.53	Salivary gland	2L:-:18013142-18013119	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_552	GVLFYGPPGCGK	AGAP005630-PA	C10(Carbamidomethyl)	60	1.58E-05	1	1251.626	5.32	Malpighian tubule	2L:-:18011741-18011706	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_788	EIDIGIPDATGRLEVLR	AGAP005630-PA	-	46	0.000135846	1	1867.029	0.3	Pupa	2L:-:18012182-18012132	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_1618	KYEMFAQTLQQSR	AGAP005630-PA	M4(Oxidation)	66	3.52E-06	2	1645.800	-0.14	Male reproductive organs	2L:-:18010931-18010893	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_2114	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	90	9.91E-10	1	2518.448	9.03	Malpighian tubule	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_2406	KSPVAEDVDLNYVAK	AGAP005630-PA	-	101	1.06E-09	1	1647.860	0.79	Malpighian tubule	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_2792	HPSLFK	AGAP005630-PA	-	30	0.005920437	1	728.411	2.14	Malpighian tubule	2L:-:18012602-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_3725	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	56	3.79E-05	1	1516.790	2.76	Pupa	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_4986	IVSQLLTLMDGMKK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	56	2.08E-05	1	1608.872	1.38	Salivary gland	2L:-:18012308-18012267	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_6311	LDQLIYIPLPDEK	AGAP005630-PA	-	72	5.22E-07	1	1556.862	3.14	Pupa	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_6728	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	109	9.28E-11	1	1826.993	1.92	Salivary gland	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_6965	FGMQPSR	AGAP005630-PA	M3(Oxidation)	38	0.001313659	1	838.391	3.46	Salivary gland	2L:-:18011762-18011742	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_8391	VINQILTEMDGMGAK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	99	2.20E-09	1	1651.808	2.78	Ovary	2L:-:18011480-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_8701	IVSQLLTLMDGMK	AGAP005630-PA	-	51	7.90E-05	2	1448.789	2.94	Pupa	2L:-:18012308-18012270	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_8748	LDQLIYIPLPDEK	AGAP005630-PA	-	97	1.53E-09	1	1556.860	1.57	Malpighian tubule	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_8798	DDTFIVR	AGAP005630-PA	-	56	4.16E-05	2	865.441	-0.21	Salivary gland	2L:-:18012833-18012813	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_9340	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	72	9.10E-08	1	2518.427	0.68	Visceras	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_9478	ELQELVQYPVEHPDK	AGAP005630-PA	-	75	5.04E-07	1	1823.919	0.63	Pupa	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_9516	ELQELVQYPVEHPDK	AGAP005630-PA	-	101	1.10E-09	1	1823.924	3.58	Ovary	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_9543	NSPAIIFIDEIDAIAPKR	AGAP005630-PA	-	108	1.01E-10	1	1983.094	1.56	Ovary	2L:-:18012392-18012339	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_10070	SSHVIVMAATNRPNSIDPALR	AGAP005630-PA	-	48	0.000142163	1	2249.186	1.88	Pupa	2L:-:18012266-18012204	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_10463	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	90	1.55E-09	1	2518.425	-0.08	Male reproductive organs	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_11549	LADDVDLEQIAAESHGHVGADLASLCSEAALQQIR	AGAP005630-PA	C26(Carbamidomethyl)	161	9.14E-16	1	3702.806	0.92	Salivary gland	2L:-:18012110-18012006	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_12060	VVAADPEPYCIVAPETVIHCEGNPIKR	AGAP005630-PA	C10(Carbamidomethyl), C20(Carbamidomethyl)	78	1.80E-07	1	3034.520	2.29	Ovary	2L:-:18012785-18012705	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_12324	LDQLIYIPLPDEK	AGAP005630-PA	-	75	2.88E-07	1	1556.858	0.63	Salivary gland	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_12773	IVSQLLTLMDGMKK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	49	0.000116683	1	1608.872	1.3	Male reproductive organs	2L:-:18012308-18012267	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_13420	NDDLATAILK	AGAP005630-PA	-	52	0.000133021	2	1073.585	1.49	Malpighian tubule	2L:-:18014660-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_13618	ELQELVQYPVEHPDK	AGAP005630-PA	-	102	1.03E-09	1	1823.918	0.3	Head	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_13992	HPSLFK	AGAP005630-PA	-	35	0.001676594	1	728.409	-0.52	Midgut	2L:-:18012602-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_14355	SPVAEDVDLNYVAKVTQGFSGADLTEICQR	AGAP005630-PA	C28(Carbamidomethyl)	107	2.07E-10	1	3282.614	5.76	Malpighian tubule	2L:-:18011288-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_14368	GILMYGPPGTGK	AGAP005630-PA	M4(Oxidation)	60	1.54E-05	1	1206.622	2.96	Ovary	2L:-:18012560-18012525	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_15213	LADDVDLEQIAAESHGHVGADLASLCSEAALQQIR	AGAP005630-PA	C26(Carbamidomethyl)	69	1.25E-06	1	3702.821	4.98	Visceras	2L:-:18012110-18012006	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_15259	VINQILTEMDGMGAK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	73	8.35E-07	1	1651.804	0.34	Head	2L:-:18011480-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_15464	RELQELVQYPVEHPDK	AGAP005630-PA	-	87	2.56E-08	1	1980.020	0.93	Head	2L:-:18011819-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_15841	VTQGFSGADLTEICQR	AGAP005630-PA	C14(Carbamidomethyl)	146	4.14E-14	1	1781.851	0.99	Midgut	2L:-:18011246-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_16185	EMVELPLRHPSLFK	AGAP005630-PA	M2(Oxidation)	37	0.001590322	1	1711.923	1.78	Male reproductive organs	2L:-:18012626-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_16244	ELQELVQYPVEHPDK	AGAP005630-PA	-	99	2.06E-09	1	1823.921	2.11	Midgut	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_17005	AVANETGAFFFLINGPEIMSK	AGAP005630-PA	M19(Oxidation)	56	3.71E-05	1	2272.144	5.39	Salivary gland	2L:-:18012509-18012447	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_17090	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	115	4.91E-11	1	1898.924	2.02	Head	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_17478	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	118	1.30E-11	1	1826.998	4.4	Visceras	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_17492	SSHVIVMAATNRPNSIDPALRR	AGAP005630-PA	M7(Oxidation)	72	3.96E-07	1	2405.288	1.89	Ovary	2L:-:18012266-18012201	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_18871	VWLGDVVMIQSCPDVK	AGAP005630-PA	M8(Oxidation), C12(Carbamidomethyl)	56	3.40E-05	2	1861.933	7.86	Pupa	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_19663	IVSQLLTLMDGMKK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	36	0.002341106	1	1608.869	-0.67	Midgut	2L:-:18012308-18012267	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_19721	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	131	1.05E-12	1	2102.066	2.35	Head	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_20092	KYEMFAQTLQQSR	AGAP005630-PA	M4(Oxidation)	99	1.89E-09	1	1645.801	0.23	Salivary gland	2L:-:18010931-18010893	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_20330	LAGESESNLR	AGAP005630-PA	-	72	1.03E-06	2	1075.539	1.26	Visceras	2L:-:18012446-18012417	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_21248	GGNVGDAGGAADR	AGAP005630-PA	-	99	8.10E-10	1	1116.506	2.67	Salivary gland	2L:-:18011519-18011481	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_22240	ETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	111	9.84E-11	2	2301.162	0.29	Salivary gland	2L:-:18011882-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_22419	LDQLIYIPLPDEK	AGAP005630-PA	-	92	5.13E-09	1	1556.858	0.55	Male reproductive organs	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_22630	EMVELPLRHPSLFK	AGAP005630-PA	M2(Oxidation)	37	0.001590322	1	1711.927	4.14	Malpighian tubule	2L:-:18012626-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_22702	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	105	5.16E-10	1	1898.918	-1.46	Midgut	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_23024	KNVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	73	2.62E-08	1	2646.523	1.12	Salivary gland	2L:-:18011435-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_23098	THGEVER	AGAP005630-PA	-	37	0.002031476	1	827.401	0.2	Salivary gland	2L:-:18012332-18012312	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_23532	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	40	0.001088522	1	2457.259	-1.46	Midgut	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_23854	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	66	2.59E-06	2	2457.265	1.35	Head	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_24634	QAIEAEIR	AGAP005630-PA	-	52	0.000108067	2	929.505	-0.07	Salivary gland	2L:-:18011177-18011154	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_25039	VVAADPEPYCIVAPETVIHCEGNPIKR	AGAP005630-PA	C10(Carbamidomethyl), C20(Carbamidomethyl)	120	1.12E-11	1	3034.515	0.78	Salivary gland	2L:-:18012785-18012705	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_25062	LDQLIYIPLPDEK	AGAP005630-PA	-	102	5.00E-10	1	1556.863	3.53	Ovary	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_25083	ETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	67	2.41E-06	1	2301.164	1.14	Male reproductive organs	2L:-:18011882-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_25161	VTQGFSGADLTEICQR	AGAP005630-PA	C14(Carbamidomethyl),"Q3(Deamidated), C14(Carbamidomethyl)"	145	4.69E-14	1	1781.853	2.15	Head	2L:-:18011246-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_25674	FDREIDIGIPDATGR	AGAP005630-PA	-	35	0.00567022	2	1674.851	3.49	Ovary	2L:-:18012191-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_25984	HPSLFK	AGAP005630-PA	-	39	0.000728497	1	728.409	-0.63	Salivary gland	2L:-:18012602-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_26350	EEEEETLNAVGYDDIGGCRK	AGAP005630-PA	C18(Carbamidomethyl)	45	0.000217115	1	2284.005	0.75	Male reproductive organs	2L:-:18012704-18012645	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_26673	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	118	1.39E-11	1	1826.995	2.93	Pupa	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_27492	VINQILTEMDGMGAK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	95	5.23E-09	1	1651.803	-0.03	Malpighian tubule	2L:-:18011480-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_27726	FGMQPSR	AGAP005630-PA	M3(Oxidation)	42	0.000564182	1	838.389	1.86	Malpighian tubule	2L:-:18011762-18011742	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_27871	VTQGFSGADLTEICQR	AGAP005630-PA	C14(Carbamidomethyl)	153	8.56E-15	1	1781.851	1.33	Ovary	2L:-:18011246-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_28431	SSHVIVMAATNRPNSIDPALR	AGAP005630-PA	M7(Oxidation)	99	1.33E-09	1	2265.177	0.21	Head	2L:-:18012266-18012204	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_28713	DIFDKAR	AGAP005630-PA	-	38	0.002507 62	1	864.460	2.62	Male reproductive organs	2L:-:18011597-18011577	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_28763	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	110	7.83E-11	1	1826.992	0.99	Male reproductive organs	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_28819	MDELELFRGDTVLLK	AGAP005630-PA	M1(Oxidation)	70	1.14E-06	1	1794.931	-0.11	Male reproductive organs	2L:-:18013142-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_29652	EIDIGIPDATGRLEVLR	AGAP005630-PA	-	50	5.91E-05	1	1867.034	3.22	Male reproductive organs	2L:-:18012182-18012132	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_29706	QAIEAEIR	AGAP005630-PA	-	41	0.001058931	2	929.509	4.06	Ovary	2L:-:18011177-18011154	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_31483	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	101	1.24E-09	1	1516.792	4.21	Salivary gland	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_31515	QAIEAEIRR	AGAP005630-PA	-	33	0.004600318	3	1085.606	-0.29	Salivary gland	2L:-:18011177-18011151	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_31919	KSPVAEDVDLNYVAK	AGAP005630-PA	-	94	5.87E-09	1	1647.859	0.24	Ovary	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_32107	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	152	8.97E-15	1	2102.064	1.19	Salivary gland	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_32131	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	100	1.71E-09	1	1516.787	0.91	Ovary	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_32546	EEEEETLNAVGYDDIGGCR	AGAP005630-PA	C18(Carbamidomethyl)	106	9.74E-11	1	2155.906	-1.15	Salivary gland	2L:-:18012704-18012648	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_32694	FGMQPSR	AGAP005630-PA	M3(Oxidation)	42	0.000659724	1	822.391	-2.58	Head	2L:-:18011762-18011742	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_33482	VVAADPEPYCIVAPETVIHCEGNPIK	AGAP005630-PA	C10(Carbamidomethyl), C20(Carbamidomethyl)	110	1.41E-10	1	2878.411	-0.12	Salivary gland	2L:-:18012785-18012708	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_33716	GILMYGPPGTGK	AGAP005630-PA	M4(Oxidation)	52	0.000101406	2	1206.619	0.13	Pupa	2L:-:18012560-18012525	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_34024	VWLGDVVMIQSCPDVK	AGAP005630-PA	C12(Carbamidomethyl),"M8(Oxidation), C12(Carbamidomethyl)"	123	9.34E-12	1	1861.922	1.56	Male reproductive organs	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_34115	FGMQPSR	AGAP005630-PA	M3(Oxidation)	42	0.000569486	2	838.388	0.04	Ovary	2L:-:18011762-18011742	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_34286	ELQELVQYPVEHPDKFLK	AGAP005630-PA	-	73	4.69E-07	1	2212.177	5.61	Malpighian tubule	2L:-:18011816-18011763	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_34633	AIANECQANFISVK	AGAP005630-PA	C6(Carbamidomethyl)	96	4.50E-09	1	1564.781	1.24	Salivary gland	2L:-:18011690-18011649	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_34905	VHILPIDDTVEGLSGNLFDVYLKPYFLEAYRPIHK	AGAP005630-PA	-	196	5.74E-20	1	4072.173	3.58	Ovary	2L:-:18012938-18012834	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_35477	SSHVIVMAATNRPNSIDPALR	AGAP005630-PA	M7(Oxidation)	73	4.77E-07	1	2265.186	4.09	Malpighian tubule	2L:-:18012266-18012204	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_36045	LAGESESNLR	AGAP005630-PA	-	46	0.000422279	2	1075.538	0.01	Male reproductive organs	2L:-:18012446-18012417	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_36657	GILMYGPPGTGK	AGAP005630-PA	M4(Oxidation)	46	0.000409321	1	1206.618	-0.27	Male reproductive organs	2L:-:18012560-18012525	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_36773	SPVAEDVDLNYVAK	AGAP005630-PA	-	132	1.27E-12	1	1519.766	1.47	Head	2L:-:18011288-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_37314	VTQGFSGADLTEICQR	AGAP005630-PA	C14(Carbamidomethyl)	145	4.48E-14	1	1781.851	0.99	Salivary gland	2L:-:18011246-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_37323	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	111	1.03E-10	1	2102.066	2.23	Visceras	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_37498	DHFEEAMKFAR	AGAP005630-PA	-	52	7.60E-05	1	1380.640	2.23	Malpighian tubule	2L:-:18010991-18010959	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_37720	GPELLTMWFGESEANVR	AGAP005630-PA	M7(Oxidation)	66	3.34E-06	1	1951.919	-1.33	Salivary gland	2L:-:18011648-18011598	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_38299	AIGVKPPR	AGAP005630-PA	-	35	0.000358246	1	837.530	-0.35	Midgut	2L:-:18012584-18012561	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_38951	LAGESESNLRK	AGAP005630-PA	-	57	3.59E-05	1	1203.632	-0.7	Male reproductive organs	2L:-:18012446-18012414	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_38954	MDELELFRGDTVLLK	AGAP005630-PA	M1(Oxidation)	77	1.92E-07	1	1778.938	1.46	Ovary	2L:-:18013142-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_39210	ETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	99	1.47E-09	1	2301.169	3.48	Ovary	2L:-:18011882-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_39281	EIDIGIPDATGR	AGAP005630-PA	-	51	9.00E-05	1	1256.652	3.25	Salivary gland	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_39568	ELQELVQYPVEHPDK	AGAP005630-PA	-	93	7.16E-09	1	1823.915	-1.51	Malpighian tubule	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_40265	DDTFIVR	AGAP005630-PA	-	37	0.002991772	1	865.443	1.57	Head	2L:-:18012833-18012813	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_40295	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	100	1.69E-09	1	1898.923	1.24	Malpighian tubule	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_40397	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	176	3.70E-17	1	2102.069	3.86	Ovary	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_40525	AIANECQANFISVK	AGAP005630-PA	C6(Carbamidomethyl)	71	1.50E-06	1	1564.778	-0.56	Midgut	2L:-:18011690-18011649	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_40591	AASQNAAMDMDEEDPVPEITR	AGAP005630-PA	M8(Oxidation), M10(Oxidation)	104	2.22E-10	1	2321.987	0.4	Salivary gland	2L:-:18011138-18013148,18010873-18010992	exon=> In CDS Exon 4 and 3 of transcript AGAP005630-PA
JHU_Ag_40643	DDTFIVR	AGAP005630-PA	-	38	0.002803219	1	865.443	1.84	Malpighian tubule	2L:-:18012833-18012813	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_41368	ELQELVQYPVEHPDKFLK	AGAP005630-PA	-	54	3.78E-05	1	2212.162	-1.32	Male reproductive organs	2L:-:18011816-18011763	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_42541	MDELELFRGDTVLLK	AGAP005630-PA	M1(Oxidation)	76	3.07E-07	1	1794.929	-1.13	Malpighian tubule	2L:-:18013142-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_43204	IVSQLLTLMDGMK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	73	5.71E-07	2	1480.778	1.75	Malpighian tubule	2L:-:18012308-18012270	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_44880	VVAADPEPYCIVAPETVIHCEGNPIKR	AGAP005630-PA	C10(Carbamidomethyl), C20(Carbamidomethyl)	43	0.000612738	1	3034.532	6.33	Midgut	2L:-:18012785-18012705	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_45153	AIANECQANFISVK	AGAP005630-PA	C6(Carbamidomethyl)	82	1.08E-07	1	1564.782	1.7	Head	2L:-:18011690-18011649	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_45222	LADDVDLEQIAAESHGHVGADLASLCSEAALQQIR	AGAP005630-PA	C26(Carbamidomethyl)	56	2.69E-05	1	3702.811	2.28	Pupa	2L:-:18012110-18012006	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_45436	ELQELVQYPVEHPDK	AGAP005630-PA	-	117	3.00E-11	1	1823.920	1.5	Salivary gland	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_45813	LDQLIYIPLPDEK	AGAP005630-PA	-	64	3.07E-06	2	1556.862	3.29	Visceras	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_45916	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	77	3.14E-08	1	2518.430	1.84	Salivary gland	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_46693	KYEMFAQTLQQSR	AGAP005630-PA	M4(Oxidation)	103	8.57E-10	2	1645.809	5.27	Malpighian tubule	2L:-:18010931-18010893	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_46833	IVSQLLTLMDGMK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	86	2.81E-08	1	1480.781	4.22	Ovary	2L:-:18012308-18012270	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_47315	LDQLIYIPLPDEK	AGAP005630-PA	-	83	3.99E-08	1	1556.862	3.06	Head	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_47344	IVSQLLTLMDGMKK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	99	8.01E-10	1	1576.881	0.76	Ovary	2L:-:18012308-18012267	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_47654	ETVCIVLSDENCPDEKIR	AGAP005630-PA	C4(Carbamidomethyl), C12(Carbamidomethyl)	41	0.001116237	1	2177.020	-0.65	Ovary	2L:-:18013082-18013029	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_48386	AIGVKPPR	AGAP005630-PA	-	31	0.001028445	2	837.531	0.75	Male reproductive organs	2L:-:18012584-18012561	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_50092	VTQGFSGADLTEICQR	AGAP005630-PA	C14(Carbamidomethyl)	146	4.06E-14	1	1781.850	0.51	Male reproductive organs	2L:-:18011246-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_50938	QAIEAEIRR	AGAP005630-PA	-	55	2.83E-05	1	1085.608	1.81	Malpighian tubule	2L:-:18011177-18011151	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_51155	GFGTNFR	AGAP005630-PA	-	39	0.000754253	1	798.391	1.88	Malpighian tubule	2L:-:18010892-18011027,18010658-18010760	exon=> In CDS Exon 5 and 4 of transcript AGAP005630-PA
JHU_Ag_51461	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	82	6.30E-08	2	2457.267	1.85	Ovary	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_52132	VINQILTEMDGMGAK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	81	1.30E-07	1	1651.803	0.05	Salivary gland	2L:-:18011480-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_52725	IVSQLLTLMDGMK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	49	0.000176988	1	1480.773	-1.39	Male reproductive organs	2L:-:18012308-18012270	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_53885	ETVCIVLSDENCPDEKIR	AGAP005630-PA	C4(Carbamidomethyl), C12(Carbamidomethyl)	50	0.000144464	1	2177.033	5.16	Salivary gland	2L:-:18013082-18013029	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_54232	SPVAEDVDLNYVAK	AGAP005630-PA	-	86	4.44E-08	1	1519.763	-0.86	Salivary gland	2L:-:18011288-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_54299	GILMYGPPGTGK	AGAP005630-PA	M4(Oxidation)	64	6.46E-06	2	1206.616	-1.99	Midgut	2L:-:18012560-18012525	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_54329	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	108	1.27E-10	1	1827.000	5.46	Ovary	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_54494	SSHVIVMAATNRPNSIDPALR	AGAP005630-PA	M7(Oxidation)	84	4.23E-08	1	2249.185	1.15	Ovary	2L:-:18012266-18012204	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_54659	SSHVIVMAATNRPNSIDPALRR	AGAP005630-PA	M7(Oxidation)	76	1.47E-07	1	2405.292	3.64	Malpighian tubule	2L:-:18012266-18012201	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_54990	EEEEETLNAVGYDDIGGCR	AGAP005630-PA	C18(Carbamidomethyl)	81	4.75E-08	2	2155.922	6.1	Malpighian tubule	2L:-:18012704-18012648	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_55006	LAGESESNLR	AGAP005630-PA	-	70	1.57E-06	2	1075.537	-0.67	Pupa	2L:-:18012446-18012417	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_55695	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	55	3.70E-06	1	2518.438	5.04	Pupa	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_56266	VTQGFSGADLTEICQR	AGAP005630-PA	C14(Carbamidomethyl)	152	1.03E-14	1	1781.855	3.31	Malpighian tubule	2L:-:18011246-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_56600	KNVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	84	2.21E-09	1	2646.524	1.4	Head	2L:-:18011435-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_57011	GVLFYGPPGCGK	AGAP005630-PA	C10(Carbamidomethyl)	50	0.000146184	1	1251.620	0.9	Head	2L:-:18011741-18011706	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_57821	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	55	2.90E-05	1	2457.272	3.9	Salivary gland	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_57937	EKTHGEVER	AGAP005630-PA	-	41	0.00070062	1	1084.538	0.11	Salivary gland	2L:-:18012338-18012312	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_58514	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	106	3.64E-10	1	1516.786	0.51	Male reproductive organs	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA

JHU_Ag_59155	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	151	1.07E-14	1	2102.069	3.86	Malpighian tubule	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_59245	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	49	0.000179362	1	1516.784	-1.1	Midgut	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_59322	AASQNAAMDMDEEDPVPEITR	AGAP005630-PA	M8(Oxidation), M10(Oxidation)	137	1.12E-13	1	2321.994	3.24	Ovary	2L:-:18011138-18013148,18010873-18010992	exon=> In CDS Exon 4 and 3 of transcript AGAP005630-PA
JHU_Ag_59958	ETVCIVLSDENCPDEK	AGAP005630-PA	C4(Carbamidomethyl), C12(Carbamidomethyl)	110	9.01E-11	1	1907.834	-0.95	Salivary gland	2L:-:18013082-18013035	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_60288	KSPVAEDVDLNYVAK	AGAP005630-PA	-	106	3.67E-10	1	1647.868	5.58	Visceras	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_60299	GFGTNFR	AGAP005630-PA	-	39	0.000810006	1	798.390	1.2	Head	2L:-:18010892-18011027,18010658-18010760	exon=> In CDS Exon 5 and 4 of transcript AGAP005630-PA
JHU_Ag_60657	EIDIGIPDATGR	AGAP005630-PA	-	56	2.79E-05	2	1256.650	1.6	Head	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_60716	DHFEEAMK	AGAP005630-PA	-	56	1.18E-05	1	1006.433	2.92	Malpighian tubule	2L:-:18010991-18010968	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_61335	VHILPIDDTVEGLSGNLFDVYLKPYFLEAYRPIHK	AGAP005630-PA	-	44	0.000103716	1	4072.164	1.41	Midgut	2L:-:18012938-18012834	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_62250	LAGESESNLR	AGAP005630-PA	-	60	2.03E-05	2	1075.542	3.53	Ovary	2L:-:18012446-18012417	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_62260	MDELELFRGDTVLLK	AGAP005630-PA	M1(Oxidation)	64	4.66E-06	1	1794.931	-0.11	Midgut	2L:-:18013142-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_62693	AFEEAEKNSPAIIFIDEIDAIAPK	AGAP005630-PA	-	63	4.56E-06	3	2631.362	2.65	Ovary	2L:-:18012413-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_62982	LADDVDLEQIAAESHGHVGADLASLCSEAALQQIR	AGAP005630-PA	C26(Carbamidomethyl)	101	8.82E-10	1	3702.810	2	Head	2L:-:18012110-18012006	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_63234	VWLGDVVMIQSCPDVK	AGAP005630-PA	C12(Carbamidomethyl)," M8(Oxidation), C12(Carbamidomethyl)"	126	3.53E-12	1	1845.930	3.19	Ovary	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_63835	VWLGDVVMIQSCPDVK	AGAP005630-PA	M8(Oxidation), C12(Carbamidomethyl)	57	3.10E-05	2	1861.924	2.94	Larva	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_64270	MDELELFR	AGAP005630-PA	-	66	3.73E-06	2	1052.508	0.28	Pupa	2L:-:18013142-18013119	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_64878	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	84	5.59E-08	1	1898.918	-1.46	Male reproductive organs	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_64887	GVLFYGPPGCGK	AGAP005630-PA	C10(Carbamidomethyl)	68	2.89E-06	1	1251.622	2.01	Salivary gland	2L:-:18011741-18011706	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_65114	AASQNAAMDMDEEDPVPEITRDHFEEAMK	AGAP005630-PA	M8(Oxidation), M10(Oxidation),"M8(Oxidation), M10(Oxidation), M28(Oxidation)"	106	8.71E-11	1	3325.407	4.2	Malpighian tubule	2L:-:18011138-18013148,18010873-18010968	exon=> In CDS Exon 4 and 3 of transcript AGAP005630-PA
JHU_Ag_65410	VINQILTEMDGMGAK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	86	4.18E-08	1	1651.805	1.01	Male reproductive organs	2L:-:18011480-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_65432	GVLFYGPPGCGK	AGAP005630-PA	C10(Carbamidomethyl)	37	0.003168497	2	1251.623	2.89	Pupa	2L:-:18011741-18011706	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_65816	EIDIGIPDATGR	AGAP005630-PA	-	50	0.000122933	1	1256.649	0.34	Midgut	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_66160	GGNVGDAGGAADR	AGAP005630-PA	-	68	1.01E-06	2	1116.502	-0.61	Malpighian tubule	2L:-:18011519-18011481	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_66538	KNVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	58	8.51E-07	1	2646.517	-1.09	Pupa	2L:-:18011435-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_67231	EEEEETLNAVGYDDIGGCRK	AGAP005630-PA	C18(Carbamidomethyl)	64	3.09E-06	1	2284.007	1.55	Head	2L:-:18012704-18012645	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_67350	NDDLATAILK	AGAP005630-PA	-	73	9.18E-07	1	1073.589	4.45	Ovary	2L:-:18014660-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_67751	ELQELVQYPVEHPDK	AGAP005630-PA	-	123	7.29E-12	1	1823.918	0.37	Male reproductive organs	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_68041	VWLGDVVMIQSCPDVK	AGAP005630-PA	M8(Oxidation), C12(Carbamidomethyl)	61	1.43E-05	2	1861.923	2.41	Head	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_68114	AIGVKPPR	AGAP005630-PA	-	43	6.41E-05	1	837.530	-0.27	Pupa	2L:-:18012584-18012561	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_69587	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	53	4.33E-05	1	2457.268	2.41	Visceras	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_69737	VWLGDVVMIQSCPDVK	AGAP005630-PA	C12(Carbamidomethyl)," M8(Oxidation), C12(Carbamidomethyl)"	138	2.62E-13	1	1861.931	6.81	Malpighian tubule	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_69963	EIDIGIPDATGR	AGAP005630-PA	-	44	0.000412358	1	1256.651	2.48	Visceras	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_70198	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	99	1.97E-09	1	2102.066	2.47	Midgut	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_70273	EIDIGIPDATGR	AGAP005630-PA	-	60	1.26E-05	1	1256.648	-0.09	Male reproductive organs	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_70787	IVSQLLTLMDGMK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	62	9.58E-06	2	1480.772	-1.96	Midgut	2L:-:18012308-18012270	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_70952	IVSQLLTLMDGMK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	77	2.14E-07	1	1480.780	3.48	Salivary gland	2L:-:18012308-18012270	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_71005	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	109	9.21E-11	1	1826.997	3.73	Head	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_71870	NSPAIIFIDEIDAIAPKR	AGAP005630-PA	-	59	7.91E-06	1	1983.092	0.23	Male reproductive organs	2L:-:18012392-18012339	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_72133	MDELELFRGDTVLLK	AGAP005630-PA	M1(Oxidation)	35	0.003924691	1	1794.939	4.83	Head	2L:-:18013142-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_73370	KYEMFAQTLQQSR	AGAP005630-PA	M4(Oxidation), Q10(Deamidated),"M4(Oxidation), Q11(Deamidated)",M4(Oxidation)	109	1.53E-10	2	1645.793	-4.37	Head	2L:-:18010931-18010893	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_73382	IVSQLLTLMDGMKK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	59	1.10E-05	1	1608.872	1.53	Head	2L:-:18012308-18012267	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_73458	AASQNAAMDMDEEDPVPEITR	AGAP005630-PA	M8(Oxidation), M10(Oxidation)	87	1.02E-08	1	2321.986	-0.29	Malpighian tubule	2L:-:18011138-18013148,18010873-18010992	exon=> In CDS Exon 4 and 3 of transcript AGAP005630-PA
JHU_Ag_73655	EEEEETLNAVGYDDIGGCR	AGAP005630-PA	C18(Carbamidomethyl)	102	2.48E-10	2	2155.906	-1.26	Head	2L:-:18012704-18012648	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_73830	ETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	85	4.07E-08	2	2301.167	2.52	Head	2L:-:18011882-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_75072	EEEEETLNAVGYDDIGGCRK	AGAP005630-PA	C18(Carbamidomethyl)	73	4.05E-07	1	2284.014	4.68	Malpighian tubule	2L:-:18012704-18012645	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_75154	EIDIGIPDATGR	AGAP005630-PA	-	47	0.000216409	2	1256.648	-0.34	Malpighian tubule	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_75226	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	146	3.48E-14	1	2102.062	0.14	Male reproductive organs	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_75884	EIDIGIPDATGR	AGAP005630-PA	-	55	3.67E-05	2	1256.654	4.71	Ovary	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_76790	ETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	71	1.06E-06	2	2301.165	1.67	Pupa	2L:-:18011882-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_76863	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	69	1.84E-06	1	1898.927	3.3	Visceras	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_77085	AIGVKPPR	AGAP005630-PA	-	46	2.80E-05	1	837.531	0.89	Malpighian tubule	2L:-:18012584-18012561	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_77240	LADDVDLEQIAAESHGHVGADLASLCSEAALQQIR	AGAP005630-PA	C26(Carbamidomethyl)	178	1.58E-17	1	3702.822	5.27	Malpighian tubule	2L:-:18012110-18012006	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_77263	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	120	1.08E-11	1	2457.260	-1.03	Male reproductive organs	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_77307	AIANECQANFISVK	AGAP005630-PA	C6(Carbamidomethyl)	65	6.15E-06	1	1564.782	1.7	Visceras	2L:-:18011690-18011649	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_78089	SSHVIVMAATNRPNSIDPALR	AGAP005630-PA	M7(Oxidation)	82	6.48E-08	1	2265.175	-0.85	Salivary gland	2L:-:18012266-18012204	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_78506	MDELELFR	AGAP005630-PA	M1(Oxidation)	66	3.05E-06	1	1068.507	3.44	Ovary	2L:-:18013142-18013119	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_78566	GILMYGPPGTGK	AGAP005630-PA	M4(Oxidation)	72	1.01E-06	1	1206.619	0.54	Salivary gland	2L:-:18012560-18012525	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_79120	ETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	135	3.91E-13	1	2301.167	2.52	Malpighian tubule	2L:-:18011882-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_79261	EMVELPLRHPSLFK	AGAP005630-PA	M2(Oxidation)	43	0.000446465	1	1711.914	-3.67	Ovary	2L:-:18012626-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_79533	DHFEEAMK	AGAP005630-PA	M7(Oxidation)	48	7.04E-05	1	1022.427	2.53	Salivary gland	2L:-:18010991-18010968	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_80688	LAGESESNLRK	AGAP005630-PA	-	78	2.61E-07	1	1203.635	1.73	Malpighian tubule	2L:-:18012446-18012414	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_80736	GVLFYGPPGCGK	AGAP005630-PA	C10(Carbamidomethyl)	46	0.000432414	1	1251.620	0.84	Ovary	2L:-:18011741-18011706	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_80950	REEEEETLNAVGYDDIGGCR	AGAP005630-PA	C19(Carbamidomethyl)	94	2.62E-09	1	2312.014	1.86	Malpighian tubule	2L:-:18012707-18012648	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_81167	KSPVAEDVDLNYVAK	AGAP005630-PA	-	58	2.54E-05	1	1647.859	0.12	Pupa	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_81185	LAGESESNLRK	AGAP005630-PA	-	78	2.64E-07	1	1203.638	4.06	Salivary gland	2L:-:18012446-18012414	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_82386	EEEEETLNAVGYDDIGGCRK	AGAP005630-PA	C18(Carbamidomethyl)	52	4.68E-05	1	2284.006	1.23	Ovary	2L:-:18012704-18012645	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_82929	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	113	8.40E-11	1	1898.922	0.54	Salivary gland	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_83016	VVAADPEPYCIVAPETVIHCEGNPIK	AGAP005630-PA	C10(Carbamidomethyl), C20(Carbamidomethyl)	104	6.32E-10	1	2878.418	2.11	Head	2L:-:18012785-18012708	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_83231	MDELELFR	AGAP005630-PA	M1(Oxidation)	54	5.42E-05	1	1068.503	-0.33	Male reproductive organs	2L:-:18013142-18013119	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_83530	AVANETGAFFFLINGPEIMSK	AGAP005630-PA	M19(Oxidation)	100	1.43E-09	2	2256.138	0.31	Ovary	2L:-:18012509-18012447	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_84405	MDELELFR	AGAP005630-PA	M1(Oxidation)	66	3.22E-06	2	1068.502	-1.24	Midgut	2L:-:18013142-18013119	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_84871	MDELELFRGDTVLLK	AGAP005630-PA	M1(Oxidation)	70	1.14E-06	1	1794.926	-2.46	Salivary gland	2L:-:18013142-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_85210	KSPVAEDVDLNYVAK	AGAP005630-PA	-	98	2.42E-09	1	1647.860	0.46	Male reproductive organs	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_85635	EEEEETLNAVGYDDIGGCRK	AGAP005630-PA	C18(Carbamidomethyl)	78	1.12E-07	1	2284.005	0.59	Salivary gland	2L:-:18012704-18012645	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_86247	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	147	1.79E-14	1	1826.991	0.79	Malpighian tubule	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_86258	NDDLATAILK	AGAP005630-PA	-	69	2.31E-06	1	1073.584	-0.1	Salivary gland	2L:-:18014660-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_86824	GVLFYGPPGCGK	AGAP005630-PA	C10(Carbamidomethyl)	52	0.000115823	1	1251.622	2.01	Male reproductive organs	2L:-:18011741-18011706	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_86861	KYEMFAQTLQQSR	AGAP005630-PA	M4(Oxidation)	105	4.81E-10	1	1645.804	2.53	Ovary	2L:-:18010931-18010893	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_87005	AIANECQANFISVK	AGAP005630-PA	C6(Carbamidomethyl)	84	7.08E-08	1	1564.780	0.46	Male reproductive organs	2L:-:18011690-18011649	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_87628	VINQILTEMDGMGAK	AGAP005630-PA	M9(Oxidation), M12(Oxidation)	57	3.91E-05	2	1651.799	-2.47	Midgut	2L:-:18011480-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_87835	EIDIGIPDATGR	AGAP005630-PA	-	51	8.23E-05	1	1256.651	1.89	Pupa	2L:-:18012182-18012147	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_88404	GILMYGPPGTGK	AGAP005630-PA	M4(Oxidation)	94	7.14E-09	1	1206.623	3.27	Malpighian tubule	2L:-:18012560-18012525	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_88858	SPVAEDVDLNYVAK	AGAP005630-PA	-	124	8.85E-12	1	1519.764	0.34	Male reproductive organs	2L:-:18011288-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_89838	HPSLFK	AGAP005630-PA	-	44	0.0002379	1	728.409	0.31	Head	2L:-:18012602-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_89944	NSPAIIFIDEIDAIAPK	AGAP005630-PA	-	119	1.06E-11	2	1826.987	-1.48	Midgut	2L:-:18012392-18012342	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_90088	ELQELVQYPVEHPDK	AGAP005630-PA	-	112	8.62E-11	1	1823.921	2.11	Visceras	2L:-:18011816-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_90305	ELQELVQYPVEHPDKFLK	AGAP005630-PA	-	69	9.90E-07	1	2212.172	3.38	Ovary	2L:-:18011816-18011763	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_90321	ETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	79	1.62E-07	1	2301.165	1.78	Visceras	2L:-:18011882-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_91142	EEEEETLNAVGYDDIGGCR	AGAP005630-PA	C18(Carbamidomethyl)	115	1.73E-11	2	2155.918	4.17	Visceras	2L:-:18012704-18012648	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_91540	GFGTNFR	AGAP005630-PA	-	35	0.001993241	1	798.390	0.28	Salivary gland	2L:-:18010892-18011027,18010658-18010760	exon=> In CDS Exon 5 and 4 of transcript AGAP005630-PA
JHU_Ag_91615	AIANECQANFISVK	AGAP005630-PA	C6(Carbamidomethyl)	96	4.42E-09	1	1564.780	1	Ovary	2L:-:18011690-18011649	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_91865	KSPVAEDVDLNYVAK	AGAP005630-PA	-	70	1.64E-06	2	1647.861	1.13	Midgut	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_92583	SSHVIVMAATNRPNSIDPALRR	AGAP005630-PA	M7(Oxidation)	67	1.79E-06	1	2421.280	0.63	Salivary gland	2L:-:18012266-18012201	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_93151	SSHVIVMAATNRPNSIDPALR	AGAP005630-PA	-	80	8.54E-08	1	2249.187	2.37	Midgut	2L:-:18012266-18012204	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_93234	AIANECQANFISVK	AGAP005630-PA	C6(Carbamidomethyl)	67	3.25E-06	1	1564.785	4.2	Malpighian tubule	2L:-:18011690-18011649	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_94194	ELQELVQYPVEHPDKFLK	AGAP005630-PA	-	61	6.56E-06	1	2212.167	1.11	Salivary gland	2L:-:18011816-18011763	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_94443	EIDIGIPDATGRLEVLR	AGAP005630-PA	-	61	4.45E-06	1	1867.032	1.91	Ovary	2L:-:18012182-18012132	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_94539	LADDVDLEQIAAESHGHVGADLASLCSEAALQQIR	AGAP005630-PA	C26(Carbamidomethyl)	91	9.02E-09	1	3702.804	0.22	Ovary	2L:-:18012110-18012006	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_95032	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	87	2.90E-09	1	2518.433	2.93	Head	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_95069	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	128	2.53E-12	1	2102.071	4.79	Larva	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_95294	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	114	5.91E-11	1	1898.927	3.3	Ovary	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_96648	AVANETGAFFFLINGPEIMSK	AGAP005630-PA	M19(Oxidation)	99	1.81E-09	1	2272.140	3.45	Malpighian tubule	2L:-:18012509-18012447	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_96795	SSHVIVMAATNRPNSIDPALRR	AGAP005630-PA	-	42	0.000530471	1	2405.277	-2.75	Midgut	2L:-:18012266-18012201	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_97231	LADDVDLEQIAAESHGHVGADLASLCSEAALQQIR	AGAP005630-PA	C26(Carbamidomethyl)	56	2.99E-05	1	3702.803	-0.09	Male reproductive organs	2L:-:18012110-18012006	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_97611	VVAADPEPYCIVAPETVIHCEGNPIK	AGAP005630-PA	C10(Carbamidomethyl), C20(Carbamidomethyl)	54	5.75E-05	1	2878.419	2.55	Malpighian tubule	2L:-:18012785-18012708	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_98274	VWLGDVVMIQSCPDVK	AGAP005630-PA	M8(Oxidation), C12(Carbamidomethyl)	123	9.42E-12	1	1861.921	1.37	Salivary gland	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_98383	AIGVKPPR	AGAP005630-PA	-	38	0.000192389	1	837.530	-1.22	Salivary gland	2L:-:18012584-18012561	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_98531	GGNVGDAGGAADRVINQILTEMDGMGAK	AGAP005630-PA	M22(Oxidation), M25(Oxidation)	78	1.70E-07	1	2749.304	5.92	Malpighian tubule	2L:-:18011519-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_98581	RELQELVQYPVEHPDK	AGAP005630-PA	-	50	0.000149629	1	1980.020	0.95	Ovary	2L:-:18011819-18011772	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_98994	MDELELFR	AGAP005630-PA	M1(Oxidation)	69	1.54E-06	2	1068.505	1.61	Malpighian tubule	2L:-:18013142-18013119	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_99019	DIFDK	AGAP005630-PA	-	30	0.006564311	1	637.319	0.12	Head	2L:-:18011597-18011583	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_99033	REEEEETLNAVGYDDIGGCR	AGAP005630-PA	C19(Carbamidomethyl)	58	1.13E-05	1	2312.010	0.19	Salivary gland	2L:-:18012707-18012648	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_99098	GDTVLLK	AGAP005630-PA	-	39	0.002269097	1	745.447	1.73	Salivary gland	2L:-:18013118-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_99878	AASQNAAMDMDEEDPVPEITR	AGAP005630-PA	M8(Oxidation), M10(Oxidation)	101	4.23E-10	2	2289.998	0.77	Head	2L:-:18011138-18013148,18010873-18010992	exon=> In CDS Exon 4 and 3 of transcript AGAP005630-PA
JHU_Ag_99932	KNVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	65	1.83E-07	1	2646.522	0.57	Ovary	2L:-:18011435-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_100513	SASPCVLFFDELDSIAK	AGAP005630-PA	C5(Carbamidomethyl)	47	0.000324433	1	1898.922	0.54	Pupa	2L:-:18011576-18011526	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_100812	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	48	0.000145963	1	2457.267	1.97	Pupa	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_100872	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	126	4.10E-12	1	1516.793	4.7	Malpighian tubule	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_101586	SSPSALRETVVEVPNTTWTDIGGLENVK	AGAP005630-PA	-	93	5.33E-09	1	2999.543	3.66	Malpighian tubule	2L:-:18011903-18011820	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_103487	SPVAEDVDLNYVAK	AGAP005630-PA	-	128	3.04E-12	1	1519.765	0.82	Ovary	2L:-:18011288-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_103613	ETVVEVPNTTWTDIGGLENVKR	AGAP005630-PA	-	31	0.006670031	1	2457.265	1.37	Malpighian tubule	2L:-:18011882-18011817	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_104162	YEMFAQTLQQSR	AGAP005630-PA	M3(Oxidation)	46	0.000316157	2	1517.706	0.25	Salivary gland	2L:-:18010928-18010893	exon=> In CDS Exon 4 of transcript AGAP005630-PA
JHU_Ag_104530	AIGVKPPR	AGAP005630-PA	-	45	2.55E-05	2	837.534	4.53	Ovary	2L:-:18012584-18012561	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_105012	EIDIGIPDATGRLEVLR	AGAP005630-PA	-	48	7.88E-05	1	1867.039	5.77	Malpighian tubule	2L:-:18012182-18012132	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_105679	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	112	1.01E-10	1	1516.789	2.2	Visceras	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_106102	LAGESESNLR	AGAP005630-PA	-	75	5.40E-07	1	1075.536	-2.15	Salivary gland	2L:-:18012446-18012417	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_106793	KSPVAEDVDLNYVAK	AGAP005630-PA	-	108	2.44E-10	1	1647.860	0.61	Salivary gland	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_107567	VWLGDVVMIQSCPDVK	AGAP005630-PA	C12(Carbamidomethyl)	97	3.26E-09	2	1845.933	5.1	Visceras	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_107709	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	42	9.17E-05	1	2518.424	-0.49	Midgut	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_108388	GPELLTMWFGESEANVR	AGAP005630-PA	M7(Oxidation)	35	0.005155392	2	1951.929	3.49	Head	2L:-:18011648-18011598	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_108732	LDQLIYIPLPDEK	AGAP005630-PA	-	70	8.16E-07	2	1556.859	1.26	Midgut	2L:-:18011363-18011325	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_109019	AIGVKPPR	AGAP005630-PA	-	51	9.73E-06	1	837.530	-0.57	Head	2L:-:18012584-18012561	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_109623	FGMQPSR	AGAP005630-PA	-	42	0.000663976	2	822.392	-0.87	Pupa	2L:-:18011762-18011742	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_110499	MDELELFRGDTVLLK	AGAP005630-PA	M1(Oxidation)	52	5.66E-05	1	1778.945	5.09	Pupa	2L:-:18013142-18013098	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_111430	ADSKNDDLATAILK	AGAP005630-PA	N-Term(Acetyl)	131	1.34E-12	1	1516.789	2.12	Head	2L:-:18014672-18014675,18013538-18013613	exon=> In CDS Exon 2 and 1 of transcript AGAP005630-PA
JHU_Ag_111642	LAGESESNLR	AGAP005630-PA	-	67	3.59E-06	2	1075.538	-0.22	Head	2L:-:18012446-18012417	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_112221	QAIEAEIR	AGAP005630-PA	-	46	0.000385357	2	929.506	1.3	Malpighian tubule	2L:-:18011177-18011154	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_112647	VWLGDVVMIQSCPDVK	AGAP005630-PA	C12(Carbamidomethyl),"M8(Oxidation),C12(Carbamidomethyl)"	129	2.28E-12	1	1861.920	0.71	Midgut	2L:-:18012998-18012951	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_112881	VVAADPEPYCIVAPETVIHCEGNPIKR	AGAP005630-PA	C10(Carbamidomethyl),C20(Carbamidomethyl)	101	9.18E-10	1	3034.518	1.68	Malpighian tubule	2L:-:18012785-18012705	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_113379	HPSLFK	AGAP005630-PA	-	44	0.000290743	1	728.401	-10.41	Ovary	2L:-:18012602-18012585	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_113792	SPVAEDVDLNYVAK	AGAP005630-PA	-	126	5.30E-12	1	1519.764	-0.22	Malpighian tubule	2L:-:18011288-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_114510	LIVDEAANDDNSVISLSQAK	AGAP005630-PA	-	116	4.09E-11	1	2102.063	0.72	Pupa	2L:-:18013591-18013640,18011112-18013143	exon=> In CDS Exon 3 and 2 of transcript AGAP005630-PA
JHU_Ag_114689	REEEEETLNAVGYDDIGGCR	AGAP005630-PA	C19(Carbamidomethyl)	140	6.25E-14	1	2312.015	2.33	Head	2L:-:18012707-18012648	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_115403	GGNVGDAGGAADRVINQILTEMDGMGAK	AGAP005630-PA	M22(Oxidation),M25(Oxidation)	67	2.35E-06	1	2749.289	0.39	Ovary	2L:-:18011519-18011436	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_115542	VTQGFSGADLTEICQR	AGAP005630-PA	C14(Carbamidomethyl)	140	1.70E-13	1	1781.856	3.79	Visceras	2L:-:18011246-18011199	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_115676	VVAADPEPYCIVAPETVIHCEGNPIK	AGAP005630-PA	C10(Carbamidomethyl),C20(Carbamidomethyl)	72	7.86E-07	1	2878.422	3.7	Ovary	2L:-:18012785-18012708	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_115704	KSPVAEDVDLNYVAK	AGAP005630-PA	-	84	5.77E-08	1	1647.860	0.61	Head	2L:-:18011291-18011247	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_116124	LAGESESNLR	AGAP005630-PA	-	69	2.33E-06	2	1075.539	1.37	Malpighian tubule	2L:-:18012446-18012417	exon=> In CDS Exon 3 of transcript AGAP005630-PA

JHU_Ag_116324	AASQNAAMDMDEEDPVPEITR	AGAP005630-PA	M8(Oxidation), M10(Oxidation)	79	6.97E-08	1	2321.995	3.66	Male reproductive organs	2L:-:18011138-18013148,18010873-18010992	exon=> In CDS Exon 4 and 3 of transcript AGAP005630-PA
JHU_Ag_116864	LAGESESNLRK	AGAP005630-PA	-	44	0.000620 89	2	1203.633	0.11	Pupa	2L:-:18012446-18012414	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_117287	LDQLIYIPLPDEKSR	AGAP005630-PA	-	71	6.35E-07	1	1799.989	-0.5	Ovary	2L:-:18011363-18011319	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_117656	NVFIIGATNRPDIIDPAILRPGR	AGAP005630-PA	-	112	6.91E-12	1	2518.438	5.11	Ovary	2L:-:18011432-18011364	exon=> In CDS Exon 3 of transcript AGAP005630-PA
JHU_Ag_26461	RTHDFFVANQSLLPEIDETLEK	AGAP005631-PA	-	60	1.30E-05	1	2602.330	5.76	Ovary	2L:-:18017009-18017063,18016746-18016876	exon=> In CDS Exon 2 and 1 of transcript AGAP005631-PA
JHU_Ag_50613	IYKEDDEATEESHPINWRPEIIK	AGAP005631-PA	-	80	1.16E-07	1	2812.392	4.69	Ovary	2L:-:18015624-18015556	exon=> In CDS Exon 3 of transcript AGAP005631-PA
JHU_Ag_104851	ANIHTLTGHTNTVASVVTQAANPQIIT GSHDSTVR	AGAP005631-PA	-	107	1.27E-10	1	3611.868	4.22	Ovary	2L:-:18016125-18016021	exon=> In CDS Exon 3 of transcript AGAP005631-PA
JHU_Ag_56049	IEEAQEHIR	AGAP005632-PA	-	63	6.89E-06	2	1124.570	0.32	Ovary	2L:+:18017858-18017884	exon=> In CDS Exon 1 of transcript AGAP005632-PA
JHU_Ag_58038	IEEAQEHIR	AGAP005632-PA	-	51	0.000107 425	2	1124.563	-5.54	Head	2L:+:18017858-18017884	exon=> In CDS Exon 1 of transcript AGAP005632-PA
JHU_Ag_79179	HMDVEYAR	AGAP005632-PA	M2(Oxidation)	53	3.37E-05	1	1036.446	-5.41	Head	2L:+:18018960-18018983	exon=> In CDS Exon 5 of transcript AGAP005632-PA
JHU_Ag_1675	ILEQTHPEDALQLYK	AGAP005632-PA,AGAP012896-PA	-	42	0.000815 564	1	1797.942	1.94	Visceras	2L:+:18018410-18018454;UNKN:-:37144221-37144177	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_3452	ILEQTHPEDALQLYK	AGAP005632-PA,AGAP012896-PA	-	64	4.50E-06	1	1797.939	0.51	Ovary	2L:+:18018410-18018454;UNKN:-:37144221-37144177	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_5126	ILEQTHPEDALQLYK	AGAP005632-PA,AGAP012896-PA	-	36	0.003023 758	1	1797.939	0.25	Head	2L:+:18018410-18018454;UNKN:-:37144221-37144177	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_6542	ILEQTHPEDALQLYK	AGAP005632-PA,AGAP012896-PA	-	36	0.003072 89	2	1797.935	-1.99	Midgut	2L:+:18018410-18018454;UNKN:-:37144221-37144177	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_16283	ACNLYQQHGSPESGATVLDK	AGAP005632-PA,AGAP012896-PA	C2(Carbamidomethyl)	66	3.76E-06	1	2175.015	0.48	Malpighian tubule	2L:+:18018341-18018400;UNKN:-:37144290-37144231	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_20441	WRPDFDNAAEEYNK	AGAP005632-PA,AGAP012896-PA	-	72	6.67E-07	2	1754.790	7.48	Malpighian tubule	2L:+:18018036-18018077;UNKN:-:37144590-37144549	exon=> In CDS Exon 2 of transcript AGAP005632-PA;exon=> In CDS Exon 1 of transcript AGAP012896-PA
JHU_Ag_24499	QAVDVVTIEDSTR	AGAP005632-PA,AGAP012896-PA	-	93	9.61E-09	1	1432.731	1.92	Head	2L:+:18018455-18018475,18018547-18018564;UNKN:-:37144176-37144466,37143860-37144067	exon=> In CDS Exon 3 and 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012896-PA

JHU_Ag_32591	LAVALVLVQLAR	AGAP005632-PA,AGAP012896-PA	-	92	1.83E-10	1	1265.829	-0.92	Ovary	2L:+:18018697-18018732;UNKN:-:37143934-37143899	exon=> In CDS Exon 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 of transcript AGAP012896-PA
JHU_Ag_45386	ALFHAAK	AGAP005632-PA,AGAP012896-PA	-	35	0.001964	2	757.436	-0.05	Malpighian tubule	2L:+:18018248-18018268;UNKN:-:37144383-37144363	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_46371	EIGLHQQVGSEGAIGR	AGAP005632-PA,AGAP012896-PA	-	47	0.000272	1	1650.856	0.28	Ovary	2L:+:18018649-18018696;UNKN:-:37143982-37143935	exon=> In CDS Exon 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 of transcript AGAP012896-PA
JHU_Ag_56278	QAVDVVTIEDSTR	AGAP005632-PA,AGAP012896-PA	-	84	8.67E-08	1	1432.727	-0.38	Ovary	2L:+:18018455-18018475,18018547-18018564;UNKN:-:37144176-37144466,37143860-37144067	exon=> In CDS Exon 3 and 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012896-PA
JHU_Ag_61449	ACNLYQQHGSPESGATVLDK	AGAP005632-PA,AGAP012896-PA	C2(Carbamidomethyl)	73	7.24E-07	1	2175.020	2.83	Head	2L:+:18018341-18018400;UNKN:-:37144290-37144231	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_65812	EIGLHQQVGSEGAIGR	AGAP005632-PA,AGAP012896-PA	-	42	0.000924	1	1650.859	1.77	Head	2L:+:18018649-18018696;UNKN:-:37143982-37143935	exon=> In CDS Exon 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 of transcript AGAP012896-PA
JHU_Ag_72526	ILEQTHPEDALQLYK	AGAP005632-PA,AGAP012896-PA	-	104	4.55E-10	1	1797.944	3.23	Malpighian tubule	2L:+:18018410-18018454;UNKN:-:37144221-37144177	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_78249	QAVDVVTIEDSTR	AGAP005632-PA,AGAP012896-PA	-	50	0.000203	2	1432.731	2.52	Malpighian tubule	2L:+:18018455-18018475,18018547-18018564;UNKN:-:37144176-37144466,37143860-37144067	exon=> In CDS Exon 3 and 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012896-PA
JHU_Ag_78971	EIGLHQQVGSEGAIGR	AGAP005632-PA,AGAP012896-PA	-	68	2.03E-06	1	1650.859	1.7	Malpighian tubule	2L:+:18018649-18018696;UNKN:-:37143982-37143935	exon=> In CDS Exon 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 of transcript AGAP012896-PA
JHU_Ag_79451	ALFHAAK	AGAP005632-PA,AGAP012896-PA	-	37	0.000909	2	757.433	-4	Head	2L:+:18018248-18018268;UNKN:-:37144383-37144363	exon=> In CDS Exon 3 of transcript AGAP005632-PA;exon=> In CDS Exon 2 of transcript AGAP012896-PA
JHU_Ag_97995	LGMYDQAADAIRR	AGAP005632-PA,AGAP012896-PA	-	38	0.002597	1	1479.739	0.86	Malpighian tubule	2L:+:18018610-18018648;UNKN:-:37144021-37143983	exon=> In CDS Exon 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 of transcript AGAP012896-PA
JHU_Ag_98329	LAVALVLVQLAR	AGAP005632-PA,AGAP012896-PA	-	62	1.82E-07	2	1265.836	3.99	Salivary gland	2L:+:18018697-18018732;UNKN:-:37143934-37143899	exon=> In CDS Exon 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 of transcript AGAP012896-PA

JHU_Ag_115622	LAVALVLVQLAR	AGAP005632-PA,AGAP012896-PA	-	68	4.59E-08	2	1265.830	-0.06	Head	2L:+:18018697-18018732;UNKN:-:37143934-37143899	exon=> In CDS Exon 4 of transcript AGAP005632-PA;exon=> In CDS Exon 3 of transcript AGAP012896-PA
JHU_Ag_47950	CTGYRPILDAFK	AGAP005636-PA,AGAP005637-PA,AGAP005638-PA,AGAP006220-PA,AGAP006221-PA,AGAP006224-PA,AGAP006225-PA,AGAP012569-PA	C1(Carbamidomethyl)	50	0.000134366	1	1440.732	0.8	Midgut	2L:-:18078491-18078456;2L:+:18081053-18081088;2L:+:18086986-18087021;2L:+:28514310-28514345;2L:+:28520159-28520194;2L:+:28529454-28529489;2L:+:28535700-28535735;UNKN:-:16940046-16940011	exon=> In CDS Exon 3 of transcript AGAP005636-PA;exon=> In CDS Exon 3 of transcript AGAP005637-PA;exon=> In CDS Exon 3 of transcript AGAP005638-PA;exon=> In CDS Exon 4 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006221-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP012569-PA
JHU_Ag_62542	CTGYRPILDAFK	AGAP005636-PA,AGAP005637-PA,AGAP005638-PA,AGAP006220-PA,AGAP006221-PA,AGAP006224-PA,AGAP006225-PA,AGAP012569-PA	C1(Carbamidomethyl)	33	0.006311434	1	1440.736	3.76	Malpighian tubule	2L:-:18078491-18078456;2L:+:18081053-18081088;2L:+:18086986-18087021;2L:+:28514310-28514345;2L:+:28520159-28520194;2L:+:28529454-28529489;2L:+:28535700-28535735;UNKN:-:16940046-16940011	exon=> In CDS Exon 3 of transcript AGAP005636-PA;exon=> In CDS Exon 3 of transcript AGAP005637-PA;exon=> In CDS Exon 3 of transcript AGAP005638-PA;exon=> In CDS Exon 4 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006221-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP012569-PA
JHU_Ag_48791	DIPVDFR	AGAP005637-PA,AGAP006220-PA,AGAP006221-PA,AGAP006225-PA,AGAP006226-PA	-	43	0.000807437	1	861.446	-0.86	Midgut	2L:+:18084263-18084283;2L:+:28517426-28517446;2L:+:28523606-28523626;2L:+:28539006-28539026;2L:+:28544967-28544987	exon=> In CDS Exon 5 of transcript AGAP005637-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 8 of transcript AGAP006221-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_32226	ILLLDEATSALDPNSEK	AGAP005639-PA	-	53	6.71E-05	2	1828.956	1.11	Head	2L:-:18095760-18095710	exon=> In CDS Exon 7 of transcript AGAP005639-PA
JHU_Ag_60547	QLFLK	AGAP005639-PA	Q1(Deamidated)	31	0.002148612	1	649.392	0.47	Pupa	2L:-:18103372-18103358	exon=> In CDS Exon 4 of transcript AGAP005639-PA
JHU_Ag_3190	DDAEADAIYESIDK	AGAP005640-PA	-	124	3.09E-12	1	1554.684	2.39	Head	2L:+:18121944-18121985	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_20888	LSQVSDSVAGQTVVDPK	AGAP005640-PA	-	82	6.86E-08	2	1729.900	1.71	Ovary	2L:+:18122376-18122426	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_30312	AAVEMENPEDAKILLSR	AGAP005640-PA	M5(Oxidation)	47	0.000298788	1	1901.972	4.38	Malpighian tubule	2L:+:18122838-18122888	exon=> In CDS Exon 3 of transcript AGAP005640-PA

JHU_Ag_31883	MLLKSVR	AGAP005640-PA	M1(Oxidation)	36	0.001827736	2	862.514	-4.61	Pupa	2L:+:18122499-18122519	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_34489	AVYGYALSEFPSKK	AGAP005640-PA	-	79	1.87E-07	1	1559.815	2.58	Ovary	2L:+:18123294-18123335	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_35983	MLLKSVR	AGAP005640-PA	M1(Oxidation)	31	0.00476829	1	862.517	-0.71	Head	2L:+:18122499-18122519	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_105669	AVYGYALSEFPSKK	AGAP005640-PA	-	50	0.000146342	2	1559.818	4.62	Malpighian tubule	2L:+:18123294-18123335	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_107030	ALSSLSANGVEINR	AGAP005640-PA	-	50	0.000153226	2	1430.760	-0.11	Ovary	2L:+:18123081-18123122	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_110295	NALLWLAAIR	AGAP005640-PA	-	52	2.02E-05	2	1140.689	0.25	Ovary	2L:+:18123939-18123968	exon=> In CDS Exon 3 of transcript AGAP005640-PA
JHU_Ag_9381	TPGPPPPVSSIPSSPSHLQLPSPIITR	AGAP005641-PA	-	132	1.59E-13	1	2759.511	0.76	Ovary	2L:-:18165068-18164988	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_30809	VQAIHVQITHLTPEK	AGAP005641-PA	-	120	6.35E-12	1	1713.964	-0.6	Ovary	2L:-:18132252-18132208	exon=> In CDS Exon 3 of transcript AGAP005641-PA
JHU_Ag_34475	SSSIQITADDKPATTAGLITPTK	AGAP005641-PA	N-Term(Acetyl)	73	4.91E-07	2	2358.242	0.86	Visceras	2L:-:18165137-18165069	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_44907	SSSIQITADDKPATTAGLITPTK	AGAP005641-PA	N-Term(Acetyl)	103	4.68E-10	2	2358.248	3.24	Malpighian tubule	2L:-:18165137-18165069	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_45299	SSSIQITADDKPATTAGLITPTK	AGAP005641-PA	N-Term(Acetyl)	69	1.36E-06	2	2358.240	0.13	Head	2L:-:18165137-18165069	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_48054	TPGPPPPVSSIPSSPSHLQLPSPIITR	AGAP005641-PA	-	84	7.39E-09	1	2759.526	6.2	Visceras	2L:-:18165068-18164988	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_51896	SSSIQITADDKPATTAGLITPTK	AGAP005641-PA	N-Term(Acetyl)	54	3.93E-05	2	2358.244	1.58	Male reproductive organs	2L:-:18165137-18165069	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_52441	TPGPPPPVSSIPSSPSHLQLPSPIITR	AGAP005641-PA	-	133	1.30E-13	1	2759.513	1.29	Head	2L:-:18165068-18164988	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_67800	GHGFITPNAGGDDIFVHISDIEGEYVPLPGDEVSYR	AGAP005641-PA	-	32	0.008020127	1	3872.850	2.42	Midgut	2L:-:18132488-18132552,18132154-18132283	exon=> In CDS Exon 3 and 2 of transcript AGAP005641-PA
JHU_Ag_68006	VQAIHVQITHLTPEK	AGAP005641-PA	-	119	7.05E-12	1	1713.966	1	Head	2L:-:18132252-18132208	exon=> In CDS Exon 3 of transcript AGAP005641-PA
JHU_Ag_88627	SSSIQITADDKPATTAGLITPTK	AGAP005641-PA	N-Term(Acetyl)	152	6.36E-15	1	2358.243	1.17	Ovary	2L:-:18165137-18165069	exon=> In CDS Exon 1 of transcript AGAP005641-PA
JHU_Ag_94515	VQAIHVQITHLTPEK	AGAP005641-PA	-	45	0.000163033	1	1713.965	0.14	Salivary gland	2L:-:18132252-18132208	exon=> In CDS Exon 3 of transcript AGAP005641-PA
JHU_Ag_108425	GHGFITPNAGGDDIFVHISDIEGEYVPLPGDEVSYR	AGAP005641-PA	-	62	7.59E-06	1	3872.851	2.73	Ovary	2L:-:18132488-18132552,18132154-18132283	exon=> In CDS Exon 3 and 2 of transcript AGAP005641-PA
JHU_Ag_2917	TGGFFANLK	AGAP005644-PA	-	44	0.000356848	2	954.504	-0.78	Ovary	2L:-:18174341-18174315	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_5721	TICPLLTITQK	AGAP005644-PA	C3(Carbamidomethyl)	31	0.004687199	2	1287.737	2.5	Head	2L:-:18172045-18172013	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_9697	EADGADNELLEK	AGAP005644-PA	-	100	1.24E-09	1	1303.602	0.43	Head	2L:-:18174458-18174423	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_20821	VPLASIIPK	AGAP005644-PA	-	49	8.95E-06	2	937.608	-0.45	Head	2L:-:18174083-18174057	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_21025	LGLTEEALR	AGAP005644-PA	-	64	6.79E-06	2	1001.562	-0.7	Ovary	2L:-:18172123-18172097	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_24994	SVTLFGHR	AGAP005644-PA	-	40	0.001624793	2	916.500	0.43	Head	2L:-:18172618-18172595	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_25176	VPLASIIPK	AGAP005644-PA	-	28	0.000612435	2	937.610	2.35	Visceras	2L:-:18174083-18174057	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_31507	YTEWTPELVTR	AGAP005644-PA	-	66	3.90E-06	2	1394.700	3.16	Head	2L:-:18172183-18172151	exon=> In CDS Exon 2 of transcript AGAP005644-PA

JHU_Ag_33354	KPAAEGDEPEVQAPK	AGAP005644-PA	-	101	1.17E-09	1	1565.783	1.73	Head	2L:-:18174152-18174108	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_35218	VEGILEDGSFAFR	AGAP005644-PA	-	64	5.82E-06	2	1439.726	6.27	Malpighian tubule	2L:-:18173131-18173093	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_35700	GANGTDGEALVKPDDK	AGAP005644-PA	N3(Deamidated)	54	4.81E-05	2	1587.757	4.33	Head	2L:-:18173912-18173865	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_55130	VEGILEDGSFAFR	AGAP005644-PA	-	86	4.10E-08	2	1439.717	0.59	Ovary	2L:-:18173131-18173093	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_67755	YVIGSTTHEAHNTK	AGAP005644-PA	-	84	5.98E-08	1	1557.767	1.05	Head	2L:-:18172237-18172196	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_69844	GIPYAVPPVGPNR	AGAP005644-PA	-	38	0.001308237	2	1336.740	2.26	Head	2L:-:18173092-18173054	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_72071	ETAPAATTNDTTKPETPQPTADGPEVEAK	AGAP005644-PA	-	89	1.80E-08	1	2967.404	-1.06	Head	2L:-:18174869-18174783	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_79948	VEGILEDGSFAFR	AGAP005644-PA	-	93	8.83E-09	1	1439.721	2.97	Head	2L:-:18173131-18173093	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_88487	STHPPTSGNYGLTDLIVALK	AGAP005644-PA	-	86	2.23E-08	1	2084.106	1.7	Head	2L:-:18172720-18172661	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_95507	AAEAEEDAQER	AGAP005644-PA	-	75	1.29E-07	2	1218.524	0.49	Head	2L:-:18173849-18173817	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_99887	RFKPVPGGEPDDDIELGK	AGAP005644-PA	-	52	8.30E-05	1	1969.011	4.28	Ovary	2L:-:18174056-18174003	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_106114	KGLLEALR	AGAP005644-PA	-	29	0.006582585	1	899.567	-0.7	Ovary	2L:-:18174107-18174084	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_109786	DAAATEQEPTETGKPDKPNK	AGAP005644-PA	-	57	3.24E-05	1	2127.023	1.36	Head	2L:-:18174614-18174555	exon=> In CDS Exon 1 of transcript AGAP005644-PA
JHU_Ag_110225	TWISSGAAIFPGNPLAESEKENALYMSK	AGAP005644-PA	M26(Oxidation)	78	1.87E-07	1	3027.483	1.88	Ovary	2L:-:18172531-18172448	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_113268	STHPPTSGNYGLTDLIVALK	AGAP005644-PA	-	104	4.36E-10	1	2084.105	1.26	Ovary	2L:-:18172720-18172661	exon=> In CDS Exon 2 of transcript AGAP005644-PA
JHU_Ag_6412	QNNLLDLGTAADLR	AGAP005645-PA	-	105	3.77E-10	2	1513.805	5.61	Malpighian tubule	2L:-:18216072-18216031	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_11900	IKVTSVSPGAVK	AGAP005645-PA	-	69	4.01E-07	1	1185.723	2.27	Malpighian tubule	2L:-:18215808-18216360,18215558-18215708	exon=> In CDS Exon 2 and 1 of transcript AGAP005645-PA
JHU_Ag_13034	AVLDTNVTGLVLCSQWAYK	AGAP005645-PA	C13(Carbamidomethyl)	67	2.41E-06	1	2138.096	0.63	Midgut	2L:-:18216030-18215974	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_13826	IADTYGGVDVLVNNAGIVR	AGAP005645-PA	-	147	1.94E-14	2	1946.037	1.43	Visceras	2L:-:18216129-18216073	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_17126	VDGHIVHISSIAGHSVPNFPK	AGAP005645-PA	-	147	1.46E-14	1	2211.168	0.48	Malpighian tubule	2L:-:18215955-18215893	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_19896	VEQLKQQLPK	AGAP005645-PA	-	56	6.66E-06	1	1210.716	0.44	Malpighian tubule	2L:-:18216234-18216205	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_24646	VAVVTGASSGIGAEIAK	AGAP005645-PA	-	128	1.41E-12	1	1529.854	0.08	Head	2L:-:18216339-18216289	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_26230	VTSVSPGAVK	AGAP005645-PA	-	40	0.001770801	2	944.541	0.01	Visceras	2L:-:18215802-18216360,18215558-18215708	exon=> In CDS Exon 2 and 1 of transcript AGAP005645-PA
JHU_Ag_30957	VAVVTGASSGIGAEIAK	AGAP005645-PA	-	70	8.04E-07	2	1529.858	2.95	Salivary gland	2L:-:18216339-18216289	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_31133	KVDGHIVHISSIAGHSVPNFPK	AGAP005645-PA	-	132	3.10E-13	1	2339.264	0.79	Visceras	2L:-:18215958-18215893	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_36727	AGMITIGLAR	AGAP005645-PA	M3(Oxidation)	57	1.48E-05	2	1002.582	5.47	Malpighian tubule	2L:-:18216276-18216247	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_37117	CDVSIETDIER	AGAP005645-PA	C1(Carbamidomethyl)	42	0.000586504	2	1336.608	2.04	Visceras	2L:-:18216174-18216142	exon=> In CDS Exon 1 of transcript AGAP005645-PA

JHU_Ag_38321	KVDGHIVHISSIAGHSVPNFPK	AGAP005645-PA	-	85	1.63E-08	1	2339.261	-0.26	Midgut	2L:-:18215958-18215893	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_39922	QNNLLDLGTAADLR	AGAP005645-PA	-	95	3.64E-09	1	1513.801	2.95	Visceras	2L:-:18216072-18216031	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_40448	VAVVTGASSGIGAEIAK	AGAP005645-PA	-	113	4.64E-11	2	1529.855	1.04	Visceras	2L:-:18216339-18216289	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_42080	VAVVTGASSGIGAEIAK	AGAP005645-PA	-	65	2.93E-06	2	1529.855	0.88	Male reproductive organs	2L:-:18216339-18216289	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_42719	IADTYGGVDVLVNNAGIVR	AGAP005645-PA	-	175	3.34E-17	1	1946.036	0.99	Malpighian tubule	2L:-:18216129-18216073	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_59474	IADTYGGVDVLVNNAGIVR	AGAP005645-PA	-	140	9.85E-14	1	1946.039	2.55	Midgut	2L:-:18216129-18216073	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_59972	AVLDTNVTGLVLCSQWAYK	AGAP005645-PA	C13(Carbamidomethyl)	115	3.94E-11	2	2138.095	-0.05	Visceras	2L:-:18216030-18215974	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_66227	VAVVTGASSGIGAEIAK	AGAP005645-PA	-	108	1.39E-10	2	1529.855	0.72	Midgut	2L:-:18216339-18216289	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_67090	QNNLLDLGTAADLR	AGAP005645-PA	-	85	4.17E-08	2	1513.797	0.05	Midgut	2L:-:18216072-18216031	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_67305	IADTYGGVDVLVNNAGIVR	AGAP005645-PA	-	78	1.49E-07	2	1946.039	2.43	Salivary gland	2L:-:18216129-18216073	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_68772	IADTYGGVDVLVNNAGIVR	AGAP005645-PA	-	156	3.20E-15	1	1946.034	-0.21	Head	2L:-:18216129-18216073	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_70338	LNIYPGTK	AGAP005645-PA	-	49	0.000122 83	1	905.511	1.92	Malpighian tubule	2L:-:18215892-18215869	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_71214	VAVVTGASSGIGAEIAKDLAK	AGAP005645-PA	-	168	5.63E-17	1	1957.103	3.46	Malpighian tubule	2L:-:18216339-18216277	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_71543	CDVSIETDIERTFQR	AGAP005645-PA	C1(Carbamidomethyl)	61	1.02E-05	1	1868.890	4.7	Malpighian tubule	2L:-:18216174-18216130	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_72856	KVDGHIVHISSIAGHSVPNFPK	AGAP005645-PA	-	101	3.93E-10	1	2339.264	0.66	Head	2L:-:18215958-18215893	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_81716	QNNLLDLGTAADLR	AGAP005645-PA	-	100	1.33E-09	2	1513.801	2.71	Head	2L:-:18216072-18216031	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_91893	IADTYGGVDVLVNNAGIVRQNNLLDLGTAADLR	AGAP005645-PA	-	94	1.51E-09	1	3440.840	7.82	Malpighian tubule	2L:-:18216129-18216031	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_92657	CDVSIETDIER	AGAP005645-PA	C1(Carbamidomethyl)	60	9.42E-06	2	1336.609	2.68	Malpighian tubule	2L:-:18216174-18216142	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_92770	VAVVTGASSGIGAEIAKDLAK	AGAP005645-PA	-	64	1.37E-06	1	1957.100	1.8	Head	2L:-:18216339-18216277	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_93062	AVLDTNVTGLVLCSQWAYK	AGAP005645-PA	C13(Carbamidomethyl)	92	7.46E-09	2	2138.102	3.26	Malpighian tubule	2L:-:18216030-18215974	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_99361	LNIYPGTK	AGAP005645-PA	-	36	0.002662 11	2	905.509	0.29	Visceras	2L:-:18215892-18215869	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_99690	VDGHIVHISSIAGHSVPNFPK	AGAP005645-PA	-	137	1.81E-13	1	2211.172	2.14	Head	2L:-:18215955-18215893	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_104283	VAVVTGASSGIGAEIAK	AGAP005645-PA	-	92	4.50E-09	1	1529.859	3.75	Malpighian tubule	2L:-:18216339-18216289	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_108912	KVDGHIVHISSIAGHSVPNFPK	AGAP005645-PA	-	170	4.78E-17	1	2339.269	2.85	Malpighian tubule	2L:-:18215958-18215893	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_115020	LNIYPGTK	AGAP005645-PA	-	54	4.46E-05	1	905.510	1.25	Head	2L:-:18215892-18215869	exon=> In CDS Exon 1 of transcript AGAP005645-PA
JHU_Ag_24396	VKETNQLVK	AGAP005647-PA	-	39	0.000701 216	2	1058.629	8.46	Head	2L:-:18225735-18225709	exon=> In CDS Exon 2 of transcript AGAP005647-PA
JHU_Ag_39678	LILIVR	AGAP005647-PA	-	33	0.000250 157	2	726.523	-0.83	Male reproductive organs	2L:-:18224361-18224344	exon=> In CDS Exon 2 of transcript AGAP005647-PA
JHU_Ag_95345	LVLAVEQEILR	AGAP005649-PA	Q7(Deamidated)	32	0.002949 455	2	1283.745	-9.41	Malpighian tubule	2L:+:18269840-18269872	exon=> In CDS Exon 2 of transcript AGAP005649-PA

JHU_Ag_98419	DIFALANEVLGYDLLK	AGAP005650-PA	-	83	3.69E-08	1	1793.971	1.28	Ovary	2L:-:18272731-18272684	exon=> In CDS Exon 1 of transcript AGAP005650-PA
JHU_Ag_927	ANDLINVLR	AGAP005652-PA	-	40	0.000518029	2	1027.594	4.76	Male reproductive organs	2L:+:18299962-18299988	exon=> In CDS Exon 3 of transcript AGAP005652-PA
JHU_Ag_1591	SNNTGTAYTLFTNSNANK	AGAP005652-PA	-	100	1.41E-09	2	1917.896	1.06	Head	2L:+:18299908-18299961	exon=> In CDS Exon 3 of transcript AGAP005652-PA
JHU_Ag_10597	FSGPPSSATAAAAAAAFATSYHQQQSK	AGAP005652-PA	Q25(Deamidated),Q24(Deamidated),Q23(Deamidated)	188	2.18E-18	1	2653.274	3.62	Head	2L:+:18300484-18300564	exon=> In CDS Exon 4 of transcript AGAP005652-PA
JHU_Ag_13441	ELAQQIQQVATDFGSR	AGAP005652-PA	-	96	3.89E-09	2	1790.913	5.46	Malpighian tubule	2L:+:18295068-18295115	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_20644	EANQVINPR	AGAP005652-PA	-	45	0.000286294	2	1040.551	2.47	Malpighian tubule	2L:+:18299989-18300000,18300094-18300108	exon=> In CDS Exon 3 and 4 of transcript AGAP005652-PA
JHU_Ag_39440	TLAYVVPSLVHIQHQATIR	AGAP005652-PA	-	80	1.53E-08	1	2146.212	-0.46	Head	2L:+:18294969-18295025	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_45094	FSGPPSSATAAAAAAAFATSYHQQQSK	AGAP005652-PA	-	78	2.32E-07	1	2653.271	2.59	Visceras	2L:+:18300484-18300564	exon=> In CDS Exon 4 of transcript AGAP005652-PA
JHU_Ag_46039	SNNTGTAYTLFTNSNANKANDLINVLR	AGAP005652-PA	-	55	3.19E-05	1	2926.481	5.48	Malpighian tubule	2L:+:18299908-18299988	exon=> In CDS Exon 3 of transcript AGAP005652-PA
JHU_Ag_52534	VSANNTCVFGGAPK	AGAP005652-PA	C7(Carbamidomethyl)	86	4.29E-08	1	1421.685	0.18	Head	2L:+:18295116-18295157	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_56115	TLAYVVPSLVHIQHQATIR	AGAP005652-PA	-	37	0.000261764	1	2146.216	1.21	Malpighian tubule	2L:+:18294969-18295025	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_76700	ELAQQIQQVATDFGSR	AGAP005652-PA	-	47	0.000354363	2	1790.902	-0.54	Larva	2L:+:18295068-18295115	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_79828	VSANNTCVFGGAPK	AGAP005652-PA	C7(Carbamidomethyl)	76	3.81E-07	2	1421.685	0.86	Malpighian tubule	2L:+:18295116-18295157	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_85909	ELAQQIQQVATDFGSR	AGAP005652-PA	-	50	0.000168041	2	1790.909	3.28	Visceras	2L:+:18295068-18295115	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_92109	ANDLINVLR	AGAP005652-PA	-	49	8.63E-05	2	1027.591	1.79	Malpighian tubule	2L:+:18299962-18299988	exon=> In CDS Exon 3 of transcript AGAP005652-PA
JHU_Ag_100123	ELAQQIQQVATDFGSR	AGAP005652-PA	-	85	4.83E-08	2	1790.909	3.14	Head	2L:+:18295068-18295115	exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_101132	FGGQQNRPPRDGPYGGGPR	AGAP005652-PA	-	44	0.000669516	1	2012.984	2.18	Malpighian tubule	2L:+:18300169-18300225	exon=> In CDS Exon 4 of transcript AGAP005652-PA
JHU_Ag_115186	FVINYDYPSNSEDYVHR	AGAP005652-PA	-	46	0.000313188	1	2117.958	0.97	Head	2L:+:18299839-18299889	exon=> In CDS Exon 3 of transcript AGAP005652-PA
JHU_Ag_117335	FVINYDYPSNSEDYVHR	AGAP005652-PA	-	33	0.006140247	1	2117.959	1.32	Malpighian tubule	2L:+:18299839-18299889	exon=> In CDS Exon 3 of transcript AGAP005652-PA
JHU_Ag_1440	GITFEDVR	AGAP005662-PA	-	49	0.000205493	2	936.479	0.9	Salivary gland	2L:-:18492298-18492275	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_2811	KGDEYILNGQK	AGAP005662-PA	Q10(Deamidated),N8(Deamidated)	74	5.89E-07	1	1264.648	-3.86	Head	2L:-:18492508-18492476	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_4187	IYQIYEGTSQIQR	AGAP005662-PA	-	74	4.63E-07	2	1598.823	3.57	Larva	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_4957	KGDEYILNGQK	AGAP005662-PA	-	65	4.71E-06	1	1264.656	2.22	Ovary	2L:-:18492508-18492476	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_5072	NSYYASIAK	AGAP005662-PA	-	41	0.001046 14	2	1016.505	0.6	Ovary	2L:-:18491995-18491969	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_5293	TRPPVAAGAVGLAQR	AGAP005662-PA	-	99	3.22E-10	1	1463.845	0.38	Malpighian tubule	2L:-:18492205-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_5613	IAMGTFDK	AGAP005662-PA	M3(Oxidation)	39	0.001312702	2	898.436	2.59	Male reproductive organs	2L:-:18492229-18492206	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_7355	TRPPVAAGAVGLAQR	AGAP005662-PA	-	99	4.08E-10	1	1463.843	-0.95	Midgut	2L:-:18492205-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA

JHU_Ag_8793	AFTGFIVER	AGAP005662-PA	-	39	0.001244633	2	1039.557	0.01	Salivary gland	2L:-:18492391-18492365	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_9154	CLDEALK	AGAP005662-PA	C1(Carbamidomethyl)	39	0.002499297	2	848.417	-1.31	Ovary	2L:-:18492160-18492140	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_10291	SAWEVDQGR	AGAP005662-PA	-	44	0.000438352	2	1047.488	2.63	Malpighian tubule	2L:-:18492025-18491999	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_10622	IATDAVQVFGGNGFNSEYPVEK	AGAP005662-PA	N15(Deamidated),N12(Deamidated)	102	8.86E-10	1	2343.106	-3.22	Male reproductive organs	2L:-:18491941-18491876	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_12877	KAFGVPIAAHQAVSFMLADMAIGVETAR	AGAP005662-PA	M16(Oxidation)	93	3.99E-09	1	2917.519	4.18	Malpighian tubule	2L:-:18492124-18492041	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_13009	FVREEIIPVAAHHDK	AGAP005662-PA	-	42	0.000726825	1	1760.942	-1.43	Head	2L:-:18493030-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_14746	ENVLVGEGAGFK	AGAP005662-PA	-	45	0.000491376	1	1219.632	0.07	Pupa	2L:-:18492265-18492230	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_14809	AFTGFIVER	AGAP005662-PA	-	48	0.00015814	1	1039.557	-0.22	Male reproductive organs	2L:-:18492391-18492365	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_15894	ENVLVGEGAGFK	AGAP005662-PA	-	71	1.20E-06	1	1219.631	-0.37	Male reproductive organs	2L:-:18492265-18492230	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_16608	GITFEDVR	AGAP005662-PA	-	45	0.000526639	1	936.477	-1.77	Malpighian tubule	2L:-:18492298-18492275	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_18175	IYQIYEGTSQIQR	AGAP005662-PA	-	104	4.71E-10	1	1598.816	-1.08	Ovary	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_19921	AAPALDVSSTGPCFALTDEQR	AGAP005662-PA	C13(Carbamidomethyl)	136	3.47E-13	1	2206.045	0.06	Head	2L:-:18493117-18493055	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_21343	TGEYPWAIIKK	AGAP005662-PA	-	64	4.04E-06	1	1305.722	1.06	Visceras	2L:-:18492985-18492953	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_21988	AAPALDVSSTGPCFALTDEQR	AGAP005662-PA	C13(Carbamidomethyl)	113	8.24E-11	1	2206.045	0.4	Visceras	2L:-:18493117-18493055	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_22718	TRPPVAAGAVGLAQR	AGAP005662-PA	-	101	1.98E-10	1	1463.845	0.72	Head	2L:-:18492205-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_22872	EEIIPVAAHHDK	AGAP005662-PA	-	65	3.74E-06	2	1358.715	6.47	Malpighian tubule	2L:-:18493021-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_23375	AAPALDVSSTGPCFALTDEQR	AGAP005662-PA	C13(Carbamidomethyl)	102	8.50E-10	2	2206.044	-0.27	Male reproductive organs	2L:-:18493117-18493055	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_23601	LLEEPLVAAYCVTEPGAGSDVNGVR	AGAP005662-PA	C11(Carbamidomethyl)	106	3.48E-10	2	2616.306	3.22	Visceras	2L:-:18492598-18492524	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_24021	KGDEYILNGQK	AGAP005662-PA	N8(Deamidated)	50	0.000169199	1	1265.638	0.87	Male reproductive organs	2L:-:18492508-18492476	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_24737	EIVDLTK	AGAP005662-PA	-	40	0.001479533	1	817.467	0.02	Male reproductive organs	2L:-:18493054-18493034	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_26475	GITFEDVR	AGAP005662-PA	-	50	0.000144154	2	936.478	-0.14	Visceras	2L:-:18492298-18492275	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_27589	KGDEYILNGQK	AGAP005662-PA	N8(Deamidated)	58	2.57E-05	1	1265.634	-2.22	Midgut	2L:-:18492508-18492476	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_29412	DAKIYQIYEGTSQIQR	AGAP005662-PA	-	107	2.74E-10	1	1912.982	2.74	Malpighian tubule	2L:-:18491866-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_29643	DTPGLTPGRK	AGAP005662-PA	-	36	0.001975273	1	1041.569	0.1	Visceras	2L:-:18492364-18492335	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_34238	ENVLVGEGAGFK	AGAP005662-PA	-	64	6.61E-06	2	1219.631	-0.43	Malpighian tubule	2L:-:18492265-18492230	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_36051	IAMGTFDK	AGAP005662-PA	M3(Oxidation)	38	0.001734467	1	898.436	2.8	Malpighian tubule	2L:-:18492229-18492206	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_36743	IYQIYEGTSQIQR	AGAP005662-PA	-	98	2.21E-09	1	1598.816	-1.01	Pupa	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_37016	AAPALDVSSTGPCFALTDEQR	AGAP005662-PA	C13(Carbamidomethyl)	85	5.40E-08	1	2206.042	-1.38	Salivary gland	2L:-:18493117-18493055	exon=> In CDS Exon 2 of transcript AGAP005662-PA

JHU_Ag_38731	AFTGFIVER	AGAP005662-PA	-	52	5.27E-05	2	1039.559	1.54	Visceras	2L:-:18492391-18492365	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_39783	ENVLVGEGAGFK	AGAP005662-PA	-	81	1.21E-07	1	1219.632	0.43	Head	2L:-:18492265-18492230	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_39863	IYQIYEGTSQIQR	AGAP005662-PA	-	126	3.34E-12	1	1598.816	-0.93	Midgut	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_41672	IAMGTFDKTRPPVAAGAVGLAQR	AGAP005662-PA	M3(Oxidation)	110	4.27E-11	1	2327.268	1.24	Malpighian tubule	2L:-:18492229-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_42083	DTPGLTPGRK	AGAP005662-PA	-	34	0.003251332	1	1041.571	1.97	Ovary	2L:-:18492364-18492335	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_43064	FVREEIIPVAAHHDK	AGAP005662-PA	-	42	0.000628627	1	1760.942	-1.57	Visceras	2L:-:18493030-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_43083	GITFEDVR	AGAP005662-PA	-	54	5.83E-05	2	936.479	-0.07	Midgut	2L:-:18492298-18492275	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_44257	EIVDLTKK	AGAP005662-PA	-	32	0.005208186	1	945.561	-0.32	Malpighian tubule	2L:-:18493054-18493031	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_44514	AAPALDVSSTGPCFALTDEQR	AGAP005662-PA	C13(Carbamidomethyl)	113	7.16E-11	1	2206.045	0.06	Midgut	2L:-:18493117-18493055	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_45263	AAPALDVSSTGPCFALTDEQREIVDLTK	AGAP005662-PA	C13(Carbamidomethyl)	75	3.63E-07	1	3004.502	2.88	Malpighian tubule	2L:-:18493117-18493034	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_45501	AFGVPIAAHQAVSFMLADMAIGVETAR	AGAP005662-PA	M15(Oxidation), M19(Oxidation)	91	1.09E-08	1	2805.411	1.66	Malpighian tubule	2L:-:18492121-18492041	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_46435	AAPALDVSSTGPCFALTDEQR	AGAP005662-PA	C13(Carbamidomethyl)	76	3.45E-07	1	2206.046	0.75	Ovary	2L:-:18493117-18493055	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_47202	GDEYILNGQK	AGAP005662-PA	-	46	0.000460432	1	1136.558	-0.43	Malpighian tubule	2L:-:18492505-18492476	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_47797	TGEYPWAIIKK	AGAP005662-PA	-	46	0.000285925	1	1305.722	1.14	Malpighian tubule	2L:-:18492985-18492953	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_47839	LLEEPLVAAYCVTEPGAGSDVNGVRTR	AGAP005662-PA	C11(Carbamidomethyl)	121	8.67E-12	1	2873.453	2.34	Malpighian tubule	2L:-:18492598-18492518	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_48495	TRPPVAAGAVGLAQR	AGAP005662-PA	-	87	4.70E-09	1	1463.849	3.55	Male reproductive organs	2L:-:18492205-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_48702	KGDEYILNGQK	AGAP005662-PA	N8(Deamidated)	43	0.000710179	2	1265.640	2.12	Visceras	2L:-:18492508-18492476	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_50362	NSYYASIAK	AGAP005662-PA	-	41	0.00114742	1	1016.504	-0.29	Visceras	2L:-:18491995-18491969	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_52319	NSYYASIAK	AGAP005662-PA	-	55	3.82E-05	2	1016.506	1.68	Malpighian tubule	2L:-:18491995-18491969	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_55016	LLEEPLVAAYCVTEPGAGSDVNGVR	AGAP005662-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), N22(Deamidated)"	102	9.13E-10	2	2617.291	3.73	Midgut	2L:-:18492598-18492524	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_56914	TGEYPWAIIK	AGAP005662-PA	-	50	0.000128027	2	1177.626	0.98	Midgut	2L:-:18492985-18492956	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_57356	DTPGLTPGR	AGAP005662-PA	-	29	0.008814326	1	913.473	-0.89	Head	2L:-:18492364-18492338	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_57772	ENVLVGEGAGFK	AGAP005662-PA	-	74	7.15E-07	1	1219.629	-2.27	Midgut	2L:-:18492265-18492230	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_63012	TGEYPWAIIK	AGAP005662-PA	-	68	2.05E-06	1	1177.628	2.23	Malpighian tubule	2L:-:18492985-18492956	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_65662	AFTGFIVER	AGAP005662-PA	-	46	0.000239047	2	1039.556	-1.39	Ovary	2L:-:18492391-18492365	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_66546	IATDAVQVFGGNGFNSEYPVEK	AGAP005662-PA	N15(Deamidated),Q7(Deamidated),N12(Deamidated)	103	7.56E-10	1	2342.133	1.42	Visceras	2L:-:18491941-18491876	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_66607	LLEEPLVAAYCVTEPGAGSDVNGVR	AGAP005662-PA	C11(Carbamidomethyl)	92	8.79E-09	2	2616.305	3.04	Head	2L:-:18492598-18492524	exon=> In CDS Exon 4 of transcript AGAP005662-PA

JHU_Ag_66931	GITFEDVRVPK	AGAP005662-PA	-	44	0.000468356	1	1260.698	2.34	Male reproductive organs	2L:-:18492298-18492266	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_67744	IYQIYEGTSQIQR	AGAP005662-PA	-	110	1.12E-10	1	1598.816	-1.01	Head	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_68899	AFTGFIVER	AGAP005662-PA	-	37	0.001927709	2	1039.556	-0.81	Head	2L:-:18492391-18492365	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_69054	IATDAVQVFGGNGFNSEYPVEK	AGAP005662-PA	N15(Deamidated),N12(Deamidated)	128	2.62E-12	1	2342.134	1.63	Head	2L:-:18491941-18491876	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_69597	FVREEIIPVAAHHDK	AGAP005662-PA	-	75	3.11E-07	1	1760.946	1.08	Malpighian tubule	2L:-:18493030-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_69678	IATDAVQVFGGNGFNSEYPVEK	AGAP005662-PA	N15(Deamidated),N12(Deamidated)	107	3.59E-10	2	2342.126	-1.81	Midgut	2L:-:18491941-18491876	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_70666	TRPPVAAGAVGLAQR	AGAP005662-PA	-	68	4.69E-07	1	1463.844	-0.48	Visceras	2L:-:18492205-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_70693	AAPALDVSSTGPCFALTDEQR	AGAP005662-PA	C13(Carbamidomethyl)	159	2.05E-15	1	2206.053	3.72	Malpighian tubule	2L:-:18493117-18493055	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_71954	EEIIPVAAHHDK	AGAP005662-PA	-	67	2.66E-06	1	1358.707	0.45	Ovary	2L:-:18493021-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_74138	IATDAVQVFGGNGFNSEYPVEK	AGAP005662-PA	N15(Deamidated),N12(Deamidated)	162	9.97E-16	1	2342.134	1.84	Malpighian tubule	2L:-:18491941-18491876	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_75090	TRPPVAAGAVGLAQR	AGAP005662-PA	-	64	1.03E-06	1	1463.845	0.8	Salivary gland	2L:-:18492205-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_76797	TGEYPWAIIK	AGAP005662-PA	-	62	9.33E-06	1	1177.626	0.36	Ovary	2L:-:18492985-18492956	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_77397	GITFEDVR	AGAP005662-PA	-	47	0.000329478	2	936.478	-0.2	Male reproductive organs	2L:-:18492298-18492275	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_77807	TGEYPWAIIKK	AGAP005662-PA	-	49	0.000137669	3	1305.717	-2.58	Head	2L:-:18492985-18492953	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_78034	DTPGLTPGR	AGAP005662-PA	-	44	0.00024911	1	913.474	0.31	Malpighian tubule	2L:-:18492364-18492338	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_79298	IYQIYEGTSQIQR	AGAP005662-PA	-	125	3.46E-12	1	1598.820	1.44	Salivary gland	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_81042	IATDAVQVFGGNGFNSEYPVEK	AGAP005662-PA	N12(Deamidated)	92	9.64E-09	2	2342.130	-0.04	Salivary gland	2L:-:18491941-18491876	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_87158	FVREEIIPVAAHHDK	AGAP005662-PA	-	83	5.08E-08	1	1760.953	4.96	Ovary	2L:-:18493030-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_90805	DTPGLTPGRK	AGAP005662-PA	-	53	4.12E-05	1	1041.570	0.8	Head	2L:-:18492364-18492335	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_91976	IYQIYEGTSQIQR	AGAP005662-PA	-	114	5.33E-11	1	1598.819	0.83	Male reproductive organs	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_93224	GITFEDVRVPK	AGAP005662-PA	-	48	0.000194794	1	1260.697	1.76	Malpighian tubule	2L:-:18492298-18492266	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_93826	AFTGFIVER	AGAP005662-PA	-	54	3.33E-05	1	1039.559	1.66	Malpighian tubule	2L:-:18492391-18492365	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_94909	AFTGFIVERDTPGLTPGR	AGAP005662-PA	-	51	9.46E-05	2	1934.016	1.44	Malpighian tubule	2L:-:18492391-18492338	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_95377	GITFEDVR	AGAP005662-PA	-	55	5.70E-05	1	936.479	-0.07	Ovary	2L:-:18492298-18492275	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_96355	NSYYASIAK	AGAP005662-PA	-	34	0.005175914	1	1016.503	-1.67	Head	2L:-:18491995-18491969	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_97000	TRPPVAAGAVGLAQR	AGAP005662-PA	-	97	5.59E-10	1	1463.846	0.88	Ovary	2L:-:18492205-18492161	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_98293	IATDAVQVFGGNGFNSEYPVEK	AGAP005662-PA	-	137	2.98E-13	1	2342.132	0.8	Ovary	2L:-:18491941-18491876	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_99047	EEIIPVAAHHDK	AGAP005662-PA	-	62	7.19E-06	2	1358.706	0.09	Visceras	2L:-:18493021-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA

JHU_Ag_100034	CLDEALKYSLER	AGAP005662-PA	C1(Carbamidomethyl)	86	3.83E-08	1	1496.742	0.56	Malpighian tubule	2L:-:18492160-18492125	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_100893	TNPDPKCPASK	AGAP005662-PA	C7(Carbamidomethyl)	60	9.89E-06	1	1214.584	0.17	Malpighian tubule	2L:-:18492424-18492392	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_102505	EEIIPVAAHHDK	AGAP005662-PA	-	71	9.77E-07	1	1358.710	2.69	Head	2L:-:18493021-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_104287	DTPGLTPGRK	AGAP005662-PA	-	32	0.004181227	1	1041.575	5.73	Male reproductive organs	2L:-:18492364-18492335	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_108427	TGEYPWAIIKK	AGAP005662-PA	-	59	1.40E-05	1	1305.721	0.29	Midgut	2L:-:18492985-18492953	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_110076	NSYYASIAK	AGAP005662-PA	-	47	0.000254675	2	1016.504	-1.08	Male reproductive organs	2L:-:18491995-18491969	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_110370	KGDEYILNGQK	AGAP005662-PA	-	68	2.25E-06	1	1264.654	0.97	Malpighian tubule	2L:-:18492508-18492476	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_110461	TGEYPWAIIK	AGAP005662-PA	-	46	0.000349472	2	1177.623	-1.92	Pupa	2L:-:18492985-18492956	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_110675	IYQIYEGTSQIQR	AGAP005662-PA	-	111	9.85E-11	1	1598.818	0.29	Malpighian tubule	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_111300	AAPALDVSSTGPCFALTDEQREIVDLTK	AGAP005662-PA	C13(Carbamidomethyl)	78	1.67E-07	1	3004.508	4.77	Ovary	2L:-:18493117-18493034	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_115036	EEIIPVAAHHDK	AGAP005662-PA	-	50	0.000139988	2	1358.705	-1.26	Midgut	2L:-:18493021-18492986	exon=> In CDS Exon 2 of transcript AGAP005662-PA
JHU_Ag_115308	IYQIYEGTSQIQR	AGAP005662-PA	-	109	1.36E-10	1	1598.818	0.52	Visceras	2L:-:18491857-18491819	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_115311	ENVLVGEGAGFK	AGAP005662-PA	-	52	0.000112827	2	1219.630	-1.13	Ovary	2L:-:18492265-18492230	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_115782	LLEEPLVAAYCVTEPGAGSDVNGVR	AGAP005662-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), N22(Deamidated)"	111	1.21E-10	1	2616.307	3.5	Malpighian tubule	2L:-:18492598-18492524	exon=> In CDS Exon 4 of transcript AGAP005662-PA
JHU_Ag_332	WNTALIQPQNVCLSGDGGR	AGAP005663-PA	C12(Carbamidomethyl)	48	0.000231481	2	2086.027	6.64	Larva	2L:-:18499109-18499053	exon=> In CDS Exon 1 of transcript AGAP005663-PA
JHU_Ag_32439	AHPGYNPTNIR	AGAP005663-PA	-	51	0.000108715	1	1239.628	4.17	Larva	2L:-:18499355-18499323	exon=> In CDS Exon 1 of transcript AGAP005663-PA
JHU_Ag_105851	LNSPITFTAR	AGAP005663-PA	-	74	4.63E-07	2	1119.620	3.74	Larva	2L:-:18499301-18499272	exon=> In CDS Exon 1 of transcript AGAP005663-PA
JHU_Ag_107036	IGFTSAGIR	AGAP005663-PA	-	70	8.35E-07	2	921.518	3.2	Larva	2L:-:18499382-18499356	exon=> In CDS Exon 1 of transcript AGAP005663-PA
JHU_Ag_107104	TTNTGATSPVVMFTSNPVMTNADCIAR	AGAP005663-PA	M12(Oxidation), M19(Oxidation), C24(Carbamidomethyl)	92	7.34E-09	1	2888.335	4.26	Larva	2L:-:18499190-18499110	exon=> In CDS Exon 1 of transcript AGAP005663-PA

JHU_Ag_113449	QFGGFTGTVSGFGR	AGAP005663-PA,AGAP005664-PA,AGAP005665-PA,AGAP005670-PA,AGAP005671-PA,AGAP005686-PA,AGAP005689-PA,AGAP005690-PA,AGAP005691-PA	-	108	2.59E-10	1	1417.693	4.65	Larva	2L:-:18499232-18499191;2L:-:18501119-18501078;2L:+:18504012-18504053;2L:-:18516739-18516698;2L:-:18530878-18530837;2L:-:18750980-18750939;2L:+:18757329-18757370;2L:+:18760669-18760710;2L:+:18764412-18764453	exon=> In CDS Exon 1 of transcript AGAP005663-PA;exon=> In CDS Exon 2 of transcript AGAP005664-PA;exon=> In CDS Exon 1 of transcript AGAP005665-PA;exon=> In CDS Exon 1 of transcript AGAP005670-PA;exon=> In CDS Exon 1 of transcript AGAP005671-PA;exon=> In CDS Exon 1 of transcript AGAP005686-PA;exon=> In CDS Exon 1 of transcript AGAP005689-PA;exon=> In CDS Exon 1 of transcript AGAP005690-PA;exon=> In CDS Exon 1 of transcript AGAP005691-PA
JHU_Ag_7936	NDIAVVR	AGAP005663-PA,AGAP005664-PA,AGAP005665-PA,AGAP005670-PA,AGAP005671-PA,AGAP007262-PA,AGAP002432-PA	N1(Deamidated)	48	0.000181821	2	786.449	3.05	Larva	2L:-:18499322-18499302;2L:-:18501209-18501189;2L:+:18503922-18503942;2L:-:18516829-18516809;2L:-:18530968-18530948;2L:-:44766062-44766042;2R:-:21337257-21337237	exon=> In CDS Exon 1 of transcript AGAP005663-PA;exon=> In CDS Exon 2 of transcript AGAP005664-PA;exon=> In CDS Exon 1 of transcript AGAP005665-PA;exon=> In CDS Exon 1 of transcript AGAP005670-PA;exon=> In CDS Exon 1 of transcript AGAP005671-PA;exon=> In CDS Exon 1 of transcript AGAP007262-PA;exon=> In CDS Exon 1 of transcript AGAP002432-PA
JHU_Ag_100163	IQPIRLPGR	AGAP005663-PA,AGAP005689-PA,AGAP005690-PA,AGAP005691-PA,AGAP007262-PA	-	25	0.003140509	1	1049.661	3.03	Larva	2L:-:18499271-18499245;2L:+:18757290-18757316;2L:+:18760630-18760656;2L:+:18764373-18764399;2L:-:44766011-44765985	exon=> In CDS Exon 1 of transcript AGAP005663-PA;exon=> In CDS Exon 1 of transcript AGAP005689-PA;exon=> In CDS Exon 1 of transcript AGAP005690-PA;exon=> In CDS Exon 1 of transcript AGAP005691-PA;exon=> In CDS Exon 1 of transcript AGAP007262-PA
JHU_Ag_48799	LNSPITFTDR	AGAP005664-PA,AGAP005665-PA	-	46	0.000355891	2	1163.611	4.26	Larva	2L:-:18501188-18501159;2L:+:18503943-18503972	exon=> In CDS Exon 2 of transcript AGAP005664-PA;exon=> In CDS Exon 1 of transcript AGAP005665-PA
JHU_Ag_63411	QFGGFLGTVSGFGR	AGAP005669-PA	-	86	3.51E-08	2	1429.729	4.94	Larva	2L:+:18513995-18514036	exon=> In CDS Exon 1 of transcript AGAP005669-PA
JHU_Ag_76794	FSGPGVIPHPFYASSNLR	AGAP005669-PA	-	87	3.22E-08	1	1945.998	3.33	Larva	2L:+:18513851-18513904	exon=> In CDS Exon 1 of transcript AGAP005669-PA
JHU_Ag_32447	LDAPIVFNTR	AGAP005670-PA	-	72	8.86E-07	1	1145.636	4.27	Larva	2L:-:18516808-18516779	exon=> In CDS Exon 1 of transcript AGAP005670-PA
JHU_Ag_42880	HPQYTTTTNIR	AGAP005670-PA	-	47	0.000254293	1	1230.628	4.64	Larva	2L:-:18516859-18516830	exon=> In CDS Exon 1 of transcript AGAP005670-PA
JHU_Ag_46385	VSDGSTATSAVVR	AGAP005670-PA	-	98	2.44E-09	2	1249.642	2.75	Larva	2L:-:18516697-18516659	exon=> In CDS Exon 1 of transcript AGAP005670-PA
JHU_Ag_109698	FTSNPVMTNADCIAR	AGAP005670-PA	M7(Oxidation), C12(Carbamidomethyl)	91	9.71E-09	1	1712.781	4.4	Larva	2L:-:18516658-18516614	exon=> In CDS Exon 1 of transcript AGAP005670-PA

JHU_Ag_37764	FSTGGIIR	AGAP005670-PA,AGAP005671-PA	-	36	0.00193031	2	850.481	3.19	Larva	2L:-:18516883-18516860;2L:-:18531022-18530999	exon=> In CDS Exon 1 of transcript AGAP005670-PA;exon=> In CDS Exon 1 of transcript AGAP005671-PA
JHU_Ag_80872	GGTAIMGAHNRNVNEPSQQR	AGAP005670-PA,AGAP005671-PA	M6(Oxidation)	66	4.24E-06	1	2153.038	5.11	Larva	2L:-:18516949-18516890;2L:-:18531088-18531029	exon=> In CDS Exon 1 of transcript AGAP005670-PA;exon=> In CDS Exon 1 of transcript AGAP005671-PA
JHU_Ag_84801	WNTALIQPQNVCLSGEGGR	AGAP005670-PA,AGAP005671-PA	C12(Carbamidomethyl)	113	7.86E-11	1	2100.038	4.37	Larva	2L:-:18516613-18516557;2L:-:18530752-18530696	exon=> In CDS Exon 1 of transcript AGAP005670-PA;exon=> In CDS Exon 1 of transcript AGAP005671-PA
JHU_Ag_104353	QFGGFTGTVSGFGR	AGAP005670-PA,AGAP005671-PA,AGAP005664-PA,AGAP005665-PA,AGAP005663-PA,AGAP005686-PA,AGAP005691-PA,AGAP005689-PA,AGAP005690-PA	-	90	1.55E-08	1	1417.689	2.32	Pupa	2L:-:18516739-18516698;2L:-:18530878-18530837;2L:-:18501119-18501078;2L:+:18504012-18504053;2L:-:18499232-18499191;2L:-:18750980-18750939;2L:+:18764412-18764453;2L:+:18757329-18757370;2L:+:18760669-18760710	exon=> In CDS Exon 1 of transcript AGAP005670-PA;exon=> In CDS Exon 1 of transcript AGAP005671-PA;exon=> In CDS Exon 2 of transcript AGAP005664-PA;exon=> In CDS Exon 1 of transcript AGAP005665-PA;exon=> In CDS Exon 1 of transcript AGAP005663-PA;exon=> In CDS Exon 1 of transcript AGAP005686-PA;exon=> In CDS Exon 1 of transcript AGAP005691-PA;exon=> In CDS Exon 1 of transcript AGAP005689-PA;exon=> In CDS Exon 1 of transcript AGAP005690-PA
JHU_Ag_1091	LDGTIVFNTR	AGAP005671-PA	-	43	0.000674025	2	1135.616	4.83	Larva	2L:-:18530947-18530918	exon=> In CDS Exon 1 of transcript AGAP005671-PA
JHU_Ag_36926	TSDGSSATSAVVR	AGAP005671-PA	-	99	2.11E-09	2	1237.606	3.58	Larva	2L:-:18530836-18530798	exon=> In CDS Exon 1 of transcript AGAP005671-PA
JHU_Ag_90153	NPVMTNADCIAR	AGAP005671-PA	M4(Oxidation), C9(Carbamidomethyl)	94	4.13E-09	1	1377.628	2.32	Larva	2L:-:18530788-18530753	exon=> In CDS Exon 1 of transcript AGAP005671-PA
JHU_Ag_3828	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	81	4.19E-08	1	2453.328	1.33	Ovary	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_4522	GLWSDAPEGEHVR	AGAP005672-PA	-	70	1.38E-06	1	1452.687	0.09	Ovary	2L:-:18539917-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_4770	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	91	5.48E-09	1	2453.325	-0.09	Midgut	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_7214	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	110	1.26E-10	1	2148.091	1.86	Pupa	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_7691	LIELEDAAR	AGAP005672-PA	-	70	1.34E-06	2	1029.561	3.06	Malpighian tubule	2L:-:18539956-18539930	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_8446	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	111	4.29E-11	1	2453.331	2.74	Pupa	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_10585	SAANVPAAAANPAPPPVLK	AGAP005672-PA	N-Term(Acetyl)	51	5.30E-05	1	1797.990	2.25	Head	2L:-:18541916-18541860	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_12216	DQPYAWESR	AGAP005672-PA	-	35	0.003027805	1	1151.512	0.21	Ovary	2L:-:18540178-18540152	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_13369	NIVWNIDNPK	AGAP005672-PA	-	38	0.00159957	1	1212.643	4.47	Ovary	2L:-:18539878-18539849	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_14128	AIIEHVRDGSTVR	AGAP005672-PA	-	74	3.10E-07	1	1452.796	3.21	Malpighian tubule	2L:-:18539812-18539774	exon=> In CDS Exon 3 of transcript AGAP005672-PA

JHU_Ag_15192	QFVDQHAGQLIK	AGAP005672-PA	-	57	1.98E-05	1	1383.740	1.13	Ovary	2L:-:18539848-18539813	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_16963	QFVDQHAGQLIK	AGAP005672-PA	-	50	0.000105099	1	1383.740	1.4	Visceras	2L:-:18539848-18539813	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_17012	GLWSDAPEGEHVR	AGAP005672-PA	-	69	1.92E-06	1	1452.688	1.09	Salivary gland	2L:-:18539917-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_17737	QFVDQHAGQLIK	AGAP005672-PA	-	65	2.77E-06	2	1383.737	-0.63	Midgut	2L:-:18539848-18539813	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_19602	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	92	9.29E-09	1	2148.086	-0.53	Midgut	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_20505	SAANVPAAAANPAPPPVLK	AGAP005672-PA	N-Term(Acetyl)	76	1.77E-07	2	1797.988	1.17	Pupa	2L:-:18541916-18541860	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_20595	GLWSDAPEGEHVR	AGAP005672-PA	-	52	8.67E-05	2	1452.688	0.84	Pupa	2L:-:18539917-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_25168	AIIEHVR	AGAP005672-PA	-	36	0.000657761	1	837.497	2.81	Ovary	2L:-:18539812-18539792	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_26726	QLNFAGIVAPK	AGAP005672-PA	-	56	2.55E-05	2	1157.668	-0.11	Male reproductive organs	2L:-:18540332-18540300	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_27519	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	110	4.63E-11	1	2453.335	4.09	Salivary gland	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_28405	SAANVPAAAANPAPPPVLK	AGAP005672-PA	N-Term(Acetyl)	77	1.60E-07	2	1797.986	0.15	Ovary	2L:-:18541916-18541860	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_28449	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	50	5.62E-05	1	2453.332	2.97	Male reproductive organs	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_30140	KGLWSDAPEGEHVR	AGAP005672-PA	-	89	2.40E-08	1	1580.785	2.35	Malpighian tubule	2L:-:18539920-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_30907	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-Term(Acetyl)	138	5.50E-14	1	1926.085	2.17	Salivary gland	2L:-:18541916-18541857	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_31033	NIVWNIDNPK	AGAP005672-PA	-	76	2.42E-07	1	1212.640	2.12	Head	2L:-:18539878-18539849	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_31768	NIVWNIDNPK	AGAP005672-PA	-	39	0.001225381	2	1212.638	0.85	Visceras	2L:-:18539878-18539849	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_32537	LIELEDAAR	AGAP005672-PA	-	50	0.000144052	2	1029.555	-2.39	Pupa	2L:-:18539956-18539930	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_35597	NIVWNIDNPK	AGAP005672-PA	-	53	5.06E-05	2	1212.638	0.35	Male reproductive organs	2L:-:18539878-18539849	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_37352	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	87	2.92E-08	1	2148.087	-0.36	Visceras	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_38878	SAANVPAAAANPAPPPVLK	AGAP005672-PA	N-Term(Acetyl)	118	1.16E-11	1	1797.989	1.84	Salivary gland	2L:-:18541916-18541860	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_38930	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	102	9.34E-10	1	2148.091	1.75	Head	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_40120	QLNFAGIVAPK	AGAP005672-PA	-	57	1.30E-05	1	1157.670	2.1	Malpighian tubule	2L:-:18540332-18540300	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_41405	EPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	82	5.52E-08	2	2155.134	4.47	Salivary gland	2L:-:18540052-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_41425	QILSGDSLILR	AGAP005672-PA	-	60	6.25E-06	2	1214.713	2.01	Pupa	2L:-:18541844-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_41494	NIVWNIDNPK	AGAP005672-PA	-	69	1.16E-06	1	1212.638	0.55	Salivary gland	2L:-:18539878-18539849	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_42307	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	125	4.81E-12	1	2148.090	1.41	Salivary gland	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_43765	QLNFAGIVAPK	AGAP005672-PA	-	52	6.09E-05	2	1157.667	-0.64	Pupa	2L:-:18540332-18540300	exon=> In CDS Exon 2 of transcript AGAP005672-PA

JHU_Ag_44935	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-Term(Acetyl)	134	1.37E-13	1	1926.083	1.22	Head	2L:-:18541916-18541857	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_46532	EPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	105	2.99E-10	1	2155.131	2.99	Midgut	2L:-:18540052-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_46841	LIGQEVWFYSEKPPNANREYGYVK	AGAP005672-PA	-	85	4.52E-08	1	2887.452	3.5	Malpighian tubule	2L:-:18540133-18540062	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_47620	GIVKQILSGDSLILR	AGAP005672-PA	-	97	1.44E-10	1	1611.987	4.46	Malpighian tubule	2L:-:18541856-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_50251	RPTNGSSDGSRDQPYAWESR	AGAP005672-PA	N4(Deamidated)	44	0.000391276	1	2267.013	2.62	Malpighian tubule	2L:-:18540290-18540395,18539064-18540152	exon=> In CDS Exon 3 and 2 of transcript AGAP005672-PA
JHU_Ag_50417	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	90	1.34E-08	1	2148.090	1.26	Malpighian tubule	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_51138	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	115	1.27E-11	1	2453.344	7.82	Malpighian tubule	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_51682	AIIEHVR	AGAP005672-PA	-	43	0.000119143	1	837.497	2.96	Malpighian tubule	2L:-:18539812-18539792	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_54294	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-Term(Acetyl)	118	5.43E-12	1	1926.080	-0.5	Midgut	2L:-:18541916-18541857	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_54392	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	45	0.000200841	1	2453.327	0.8	Head	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_54943	QILSGDSLILR	AGAP005672-PA	-	72	3.78E-07	1	1214.716	4.83	Malpighian tubule	2L:-:18541844-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_55748	NIVWNIDNPK	AGAP005672-PA	-	50	8.87E-05	1	1212.643	4.74	Midgut	2L:-:18539878-18539849	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_56684	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-Term(Acetyl)	137	6.45E-14	1	1926.081	-0.05	Ovary	2L:-:18541916-18541857	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_60311	EPNAENIVESIVSEGLVTVRR	AGAP005672-PA	-	58	1.08E-05	1	2311.238	5.46	Malpighian tubule	2L:-:18540052-18539990	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_67497	QILSGDSLILR	AGAP005672-PA	-	33	0.002570683	1	1214.712	1.17	Midgut	2L:-:18541844-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_67549	GLWSDAPEGEHVR	AGAP005672-PA	-	69	1.79E-06	1	1452.690	2.61	Head	2L:-:18539917-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_67572	DQPYAWESR	AGAP005672-PA	-	36	0.002169086	1	1151.512	0.59	Head	2L:-:18540178-18540152	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_69000	LIELEDAAR	AGAP005672-PA	-	66	3.11E-06	2	1029.560	2.23	Ovary	2L:-:18539956-18539930	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_69287	LGKEPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	79	4.84E-08	1	2453.342	7	Larva	2L:-:18540061-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_70418	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	63	6.94E-06	3	2148.096	3.9	Larva	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_71720	LIELEDAAR	AGAP005672-PA	-	61	1.15E-05	1	1029.556	-1.92	Salivary gland	2L:-:18539956-18539930	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_71806	GLWSDAPEGEHVR	AGAP005672-PA	-	61	1.16E-05	1	1452.691	3.03	Malpighian tubule	2L:-:18539917-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_73498	QILSGDSLILR	AGAP005672-PA	-	50	4.71E-05	2	1214.717	5.73	Salivary gland	2L:-:18541844-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_75235	KGLWSDAPEGEHVR	AGAP005672-PA	-	47	0.000345473	1	1580.781	-0.43	Head	2L:-:18539920-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_76593	EPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	76	2.12E-07	1	2155.128	1.71	Malpighian tubule	2L:-:18540052-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA

JHU_Ag_77048	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	62	9.50E-06	1	2148.087	-0.1	Male reproductive organs	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_77878	SAANVPAAAANPAPPPVLK	AGAP005672-PA	N-Term(Acetyl)	113	3.43E-11	1	1797.991	2.66	Malpighian tubule	2L:-:18541916-18541860	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_81539	DNVRQTPEHAR	AGAP005672-PA	-	50	0.000170283	1	1322.659	2.54	Malpighian tubule	2L:-:18539989-18539957	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_83182	DKPVNGPPR	AGAP005672-PA	-	46	0.000338276	1	979.535	2.57	Malpighian tubule	2L:-:18540365-18540339	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_84250	DKPVNGPPR	AGAP005672-PA	N5(Deamidated)	54	4.66E-05	1	979.534	2.26	Salivary gland	2L:-:18540365-18540339	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_87916	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-Term(Acetyl)	133	1.82E-13	1	1926.086	2.67	Malpighian tubule	2L:-:18541916-18541857	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_88262	QLNFAGIVAPK	AGAP005672-PA	-	44	0.000365865	1	1157.668	-0.22	Midgut	2L:-:18540332-18540300	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_90868	EKQLNFAGIVAPK	AGAP005672-PA	-	65	2.49E-06	2	1414.810	3.45	Malpighian tubule	2L:-:18540338-18540300	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_91223	QLNFAGIVAPK	AGAP005672-PA	-	68	1.14E-06	1	1157.672	3.58	Ovary	2L:-:18540332-18540300	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_92017	KGLWSDAPEGEHVR	AGAP005672-PA	-	53	8.67E-05	1	1580.783	0.96	Pupa	2L:-:18539920-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_94634	NIVWNIDNPK	AGAP005672-PA	-	52	5.84E-05	2	1212.637	-0.06	Pupa	2L:-:18539878-18539849	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_95672	QFVDQHAGQLIK	AGAP005672-PA	-	52	6.72E-05	2	1383.739	0.87	Pupa	2L:-:18539848-18539813	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_95947	QLNFAGIVAPK	AGAP005672-PA	-	68	1.49E-06	2	1157.669	1.05	Salivary gland	2L:-:18540332-18540300	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_96799	LIGQEVWFYSEKPPNANR	AGAP005672-PA	-	94	6.21E-09	1	2148.092	1.98	Ovary	2L:-:18540133-18540080	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_99674	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-Term(Acetyl)	110	4.67E-11	1	1926.076	-2.33	Pupa	2L:-:18541916-18541857	exon=> In CDS Exon 1 of transcript AGAP005672-PA
JHU_Ag_101059	EPNAENIVESIVSEGLVTVR	AGAP005672-PA	-	132	4.65E-13	1	2155.133	4.24	Ovary	2L:-:18540052-18539993	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_103048	QILSGDSLILR	AGAP005672-PA	-	44	0.000206627	2	1214.717	5.63	Male reproductive organs	2L:-:18541844-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_103126	KGLWSDAPEGEHVR	AGAP005672-PA	-	49	0.000221521	1	1580.780	-1.24	Male reproductive organs	2L:-:18539920-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_105381	DQPYAWESR	AGAP005672-PA	-	52	5.66E-05	1	1151.512	0.21	Salivary gland	2L:-:18540178-18540152	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_107252	AIIEHVR	AGAP005672-PA	-	43	0.000115896	1	837.496	1.65	Salivary gland	2L:-:18539812-18539792	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_107969	NIVWNIDNPKQFVDQHAGQLIK	AGAP005672-PA	-	93	2.88E-09	1	2577.374	6.41	Malpighian tubule	2L:-:18539878-18539813	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_111507	DKPVNGPPR	AGAP005672-PA	-	52	8.69E-05	2	979.533	0.77	Ovary	2L:-:18540365-18540339	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_111784	DKPVNGPPREK	AGAP005672-PA	N5(Deamidated)	60	1.03E-05	1	1236.671	1.34	Malpighian tubule	2L:-:18540365-18540333	exon=> In CDS Exon 2 of transcript AGAP005672-PA
JHU_Ag_112363	QILSGDSLILR	AGAP005672-PA	-	56	1.31E-05	2	1214.716	4.22	Ovary	2L:-:18541844-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_114637	GLWSDAPEGEHVR	AGAP005672-PA	-	76	3.68E-07	1	1452.686	-0.25	Midgut	2L:-:18539917-18539879	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_115067	SAANVPAAAANPAPPPVLKK	AGAP005672-PA	N-Term(Acetyl)	118	5.84E-12	1	1926.081	0.26	Male reproductive organs	2L:-:18541916-18541857	exon=> In CDS Exon 1 of transcript AGAP005672-PA

JHU_Ag_115543	QILSGDSLILR	AGAP005672-PA	-	61	4.36E-06	2	1214.711	0.61	Visceras	2L:-:18541844-18541919,18540271-18540366	exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PA
JHU_Ag_116068	QFVDQHAGQLIK	AGAP005672-PA	-	58	1.71E-05	1	1383.739	0.46	Salivary gland	2L:-:18539848-18539813	exon=> In CDS Exon 3 of transcript AGAP005672-PA
JHU_Ag_962	VKYESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	42	0.000744398	3	3066.545	0.9	Male reproductive organs	2L:-:18537261-18537181;2L:-:18537261-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_1940	VFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	32	0.002729384	1	1430.830	2.42	Larva	2L:-:18539284-18539249;2L:-:18539284-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_4625	RSSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	38	0.001821067	1	2874.431	6.25	Ovary	2L:-:18537651-18537571;2L:-:18537651-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_5318	LDDQNIAEAMLER	AGAP005672-PA,AGAP005672-PB	M10(Oxidation)	109	1.88E-10	2	1517.726	-0.67	Midgut	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PB
JHU_Ag_5834	ADIAEDLIADGYLIADKNK	AGAP005672-PA,AGAP005672-PB	-	46	0.000247785	1	2048.067	6.02	Malpighian tubule	2L:-:18535932-18535876;2L:-:18535932-18535876	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_7676	SSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	165	5.07E-16	1	2718.317	1.77	Pupa	2L:-:18537648-18537571;2L:-:18537648-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_8184	GGNVTILYIDYGNR	AGAP005672-PA,AGAP005672-PB	-	56	2.92E-05	2	1554.788	-1.85	Midgut	2L:-:18537030-18536989;2L:-:18537030-18536989	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_8234	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	86	3.21E-08	1	2839.382	1.29	Pupa	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_8736	ADIAEDLIADGYLIADK	AGAP005672-PA,AGAP005672-PB	-	77	3.34E-07	2	1805.917	0.25	Male reproductive organs	2L:-:18535932-18535882;2L:-:18535932-18535882	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_9728	ADIAEDLIADGYLIADK	AGAP005672-PA,AGAP005672-PB	-	54	6.74E-05	2	1805.926	5.19	Midgut	2L:-:18535932-18535882;2L:-:18535932-18535882	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_9804	LIADYKDAEQK	AGAP005672-PA,AGAP005672-PB	-	54	5.86E-05	1	1293.672	2.5	Malpighian tubule	2L:-:18535854-18535978,18535638-18535719;2L:-:18535854-18535978,18535638-18535719	exon=> In CDS Exon 7 and 6 of transcript AGAP005672-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005672-PB

JHU_Ag_10207	KVFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	22	0.004921415	1	1558.929	4.44	Head	2L:-:18539287-18539249;2L:-:18539287-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_10821	ELVGTVMEVYNGDAVLVK	AGAP005672-PA,AGAP005672-PB	-	50	0.000120058	2	1936.021	5.86	Head	2L:-:18539359-18539306;2L:-:18539359-18539306	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_10888	VKYESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	120	1.17E-11	1	3066.544	0.66	Ovary	2L:-:18537261-18537181;2L:-:18537261-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_12201	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	70	1.57E-06	1	2839.384	1.74	Malpighian tubule	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_12642	LAMIPPTFISEKPFAHLYVPALLLLPTDADDRAEAVK	AGAP005672-PA,AGAP005672-PB	M3(Oxidation)	164	6.44E-17	1	4079.213	4.9	Ovary	2L:-:18536461-18536351;2L:-:18536461-18536351	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_13176	GIWQYGDSTEDQAGEFGLSR	AGAP005672-PA,AGAP005672-PB	-	131	7.86E-13	1	2215.995	2.82	Salivary gland	2L:-:18535700-18535641;2L:-:18535700-18535641	exon=> In CDS Exon 7 of transcript AGAP005672-PA;exon=> In CDS Exon 5 of transcript AGAP005672-PB
JHU_Ag_13207	LAMIPPTFISEKPFAHLYVPALLLLPTDADDRAEAVK	AGAP005672-PA,AGAP005672-PB	M3(Oxidation)	112	8.53E-12	1	4079.225	7.97	Malpighian tubule	2L:-:18536461-18536351;2L:-:18536461-18536351	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_13291	DYKPPAALANTK	AGAP005672-PA,AGAP005672-PB	-	58	2.63E-05	2	1288.694	3.5	Ovary	2L:-:18539401-18539366;2L:-:18539401-18539366	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_14078	ISGTEYVTLTDPATK	AGAP005672-PA,AGAP005672-PB	-	86	3.42E-08	2	1595.821	3.05	Pupa	2L:-:18535977-18535933;2L:-:18535977-18535933	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_14235	LAMIPPTFISEKPFAHLYVPALLLLPTDADDRAEAVK	AGAP005672-PA,AGAP005672-PB	M3(Oxidation)	82	8.89E-09	1	4079.208	3.63	Salivary gland	2L:-:18536461-18536351;2L:-:18536461-18536351	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_14911	LDDQNIAEAMLER	AGAP005672-PA,AGAP005672-PB	M10(Oxidation)	48	0.000286285	2	1533.731	6.48	Larva	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PB
JHU_Ag_15310	KVFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	73	7.78E-08	1	1558.918	-2.39	Salivary gland	2L:-:18539287-18539249;2L:-:18539287-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_15716	GGNVTILYIDYGNR	AGAP005672-PA,AGAP005672-PB	-	84	4.95E-08	2	1554.793	0.9	Ovary	2L:-:18537030-18536989;2L:-:18537030-18536989	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_15973	DKELVGTVMEVYNGDAVLVK	AGAP005672-PA,AGAP005672-PB	M9(Oxidation)	46	0.000257037	1	2195.127	0.1	Malpighian tubule	2L:-:18539365-18539306;2L:-:18539365-18539306	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_16436	TLNMNVEYR	AGAP005672-PA,AGAP005672-PB	M4(Oxidation)	43	0.000542273	2	1155.551	3.79	Ovary	2L:-:18536323-18536479,18535852-18535978;2L:-:18536323-18536479,18535852-18535978	exon=> In CDS Exon 6 and 5 of transcript AGAP005672-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PB
JHU_Ag_19849	FSEDNEWYR	AGAP005672-PA,AGAP005672-PB	-	63	1.69E-06	1	1245.519	1.28	Salivary gland	2L:-:18537081-18537055;2L:-:18537081-18537055	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_20179	GIWQYGDSTEDQAGEFGLSR	AGAP005672-PA,AGAP005672-PB	-	138	1.54E-13	1	2215.994	2.16	Head	2L:-:18535700-18535641;2L:-:18535700-18535641	exon=> In CDS Exon 7 of transcript AGAP005672-PA;exon=> In CDS Exon 5 of transcript AGAP005672-PB
JHU_Ag_20313	LDAEGRPDNTTEVPYADEAR	AGAP005672-PA,AGAP005672-PB	-	95	3.77E-09	1	2219.023	0.86	Malpighian tubule	2L:-:18539695-18539636;2L:-:18539695-18539636	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_20494	AFSQDVLNR	AGAP005672-PA,AGAP005672-PB	-	47	0.000324351	2	1049.537	-0.89	Malpighian tubule	2L:-:18536350-18536324;2L:-:18536350-18536324	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_20751	FSEDNEWYR	AGAP005672-PA,AGAP005672-PB	-	63	1.88E-06	1	1245.517	0	Midgut	2L:-:18537081-18537055;2L:-:18537081-18537055	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_20942	VFQHVTLMMSGIR	AGAP005672-PA,AGAP005672-PB	M8(Oxidation),M9(Oxidation),M8(Oxidation),M9(Oxidation)	73	9.60E-07	1	1534.785	-0.98	Midgut	2L:-:18539749-18539711;2L:-:18539749-18539711	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_21095	GGNVTILYIDYGNRETVPSTR	AGAP005672-PA,AGAP005672-PB	-	132	8.59E-13	1	2325.196	5.28	Malpighian tubule	2L:-:18537030-18537994,18536298-18536462;2L:-:18537030-18537994,18536298-18536462	exon=> In CDS Exon 5 and 4 of transcript AGAP005672-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005672-PB
JHU_Ag_21467	DNYPEKYCYTVR	AGAP005672-PA,AGAP005672-PB	C8(Carbamidomethyl)	60	9.98E-06	1	1607.731	9.47	Malpighian tubule	2L:-:18539110-18539075;2L:-:18539110-18539075	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_21809	AFSQDVLNR	AGAP005672-PA,AGAP005672-PB	-	62	1.06E-05	2	1049.537	-0.89	Midgut	2L:-:18536350-18536324;2L:-:18536350-18536324	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_22116	VTCTLDYVAPAR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl)	37	0.002897952	2	1365.686	2.23	Head	2L:-:18539146-18539111;2L:-:18539146-18539111	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB

JHU_Ag_22367	TLNMNVEYR	AGAP005672-PA,AGAP005672-PB	M4(Oxidation)	52	6.98E-05	1	1155.549	2.1	Malpighian tubule	2L:-:18536323-18536479,18535852-18535978;2L:-:18536323-18536479,18535852-18535978	exon=> In CDS Exon 6 and 5 of transcript AGAP005672-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PB
JHU_Ag_22778	VFQHVTLMMSGIR	AGAP005672-PA,AGAP005672-PB	M8(Oxidation), M9(Oxidation),M8(Oxidation),M9(Oxidation)	46	0.000412706	3	1550.787	3.56	Ovary	2L:-:18539749-18539711;2L:-:18539749-18539711	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_26224	AAAEEEKDEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	98	2.07E-09	2	2457.135	3.39	Malpighian tubule	2L:-:18537330-18537265;2L:-:18537330-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_26467	KVFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	48	1.80E-05	1	1558.920	-0.98	Male reproductive organs	2L:-:18539287-18539249;2L:-:18539287-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_27029	DEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	96	3.08E-09	2	1728.796	1.94	Midgut	2L:-:18537309-18537265;2L:-:18537309-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_27030	VTCTLDYVAPAR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl)	63	8.38E-06	2	1365.688	3.48	Salivary gland	2L:-:18539146-18539111;2L:-:18539146-18539111	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_29057	VFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	39	0.000518877	1	1430.828	0.55	Head	2L:-:18539284-18539249;2L:-:18539284-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_30445	LDAEGRPDNTTEVPYADEAR	AGAP005672-PA,AGAP005672-PB	-	63	6.70E-06	1	2219.028	3.25	Ovary	2L:-:18539695-18539636;2L:-:18539695-18539636	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_31499	FHVECR	AGAP005672-PA,AGAP005672-PB	C5(Carbamidomethyl)	33	0.004856304	1	847.390	2.26	Malpighian tubule	2L:-:18539635-18539618;2L:-:18539635-18539618	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_32126	CVEWSIPYVK	AGAP005672-PA,AGAP005672-PB	C1(Carbamidomethyl)	55	5.48E-05	1	1280.633	-0.74	Midgut	2L:-:18539497-18539468;2L:-:18539497-18539468	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_32802	VFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	34	0.001652208	1	1430.830	2.25	Malpighian tubule	2L:-:18539284-18539249;2L:-:18539284-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_32843	FSEDNEWYR	AGAP005672-PA,AGAP005672-PB	-	56	9.00E-06	2	1245.517	-0.09	Male reproductive organs	2L:-:18537081-18537055;2L:-:18537081-18537055	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_34468	LDDQNIAEAMLER	AGAP005672-PA,AGAP005672-PB	M10(Oxidation)	112	8.62E-11	1	1517.726	-0.42	Salivary gland	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PB

JHU_Ag_34601	AFSQDVLNR	AGAP005672-PA,AGAP005672-PB	-	57	2.89E-05	2	1049.539	1.9	Salivary gland	2L:-:18536350-18536324;2L:-:18536350-18536324	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_34953	VKYESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	31	0.008117347	1	3066.551	3.08	Head	2L:-:18537261-18537181;2L:-:18537261-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_36036	SSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	183	6.62E-18	1	2718.325	4.8	Malpighian tubule	2L:-:18537648-18537571;2L:-:18537648-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_39851	VRLESNSNTNFLGTILCPEGNIAESLLR	AGAP005672-PA,AGAP005672-PB	C17(Carbamidomethyl)	52	5.15E-05	1	3117.617	5.39	Ovary	2L:-:18539596-18539513;2L:-:18539596-18539513	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_40509	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	70	1.48E-06	1	2839.381	0.77	Midgut	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_41350	VTCTLDYVAPAR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl)	47	0.000330998	2	1365.681	-1.44	Midgut	2L:-:18539146-18539111;2L:-:18539146-18539111	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_41510	ADIAEDLIADGYLIADKNK	AGAP005672-PA,AGAP005672-PB	-	37	0.002314 24	1	2048.063	4.05	Ovary	2L:-:18535932-18535876;2L:-:18535932-18535876	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_41569	ISGTEYVTLTDPATK	AGAP005672-PA,AGAP005672-PB	-	80	1.51E-07	2	1595.821	3.2	Head	2L:-:18535977-18535933;2L:-:18535977-18535933	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_42270	DKELVGTVMEVYNGDAVLVK	AGAP005672-PA,AGAP005672-PB	M9(Oxidation)	119	1.05E-11	1	2179.136	2.03	Ovary	2L:-:18539365-18539306;2L:-:18539365-18539306	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_43056	VLRDAEAR	AGAP005672-PA,AGAP005672-PB	-	39	0.001850068	1	929.518	1.89	Malpighian tubule	2L:-:18537399-18537376;2L:-:18537399-18537376	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_43513	FSEDNEWYR	AGAP005672-PA,AGAP005672-PB	-	45	9.51E-05	2	1245.514	-2.64	Head	2L:-:18537081-18537055;2L:-:18537081-18537055	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_43870	DEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	85	4.65E-08	2	1728.792	0.03	Pupa	2L:-:18537309-18537265;2L:-:18537309-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_44285	LIADYKDAEQK	AGAP005672-PA,AGAP005672-PB	-	55	4.67E-05	1	1293.668	-0.8	Midgut	2L:-:18535854-18535978,18535638-18535719;2L:-:18535854-18535978,18535638-18535719	exon=> In CDS Exon 7 and 6 of transcript AGAP005672-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005672-PB

JHU_Ag_46507	NIWKDYVEK	AGAP005672-PA,AGAP005672-PB	-	35	0.004351215	1	1194.617	1.54	Ovary	2L:-:18537357-18537331;2L:-:18537357-18537331	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_47461	LIADYKDAEQK	AGAP005672-PA,AGAP005672-PB	-	65	5.68E-06	1	1293.670	1.18	Salivary gland	2L:-:18535854-18535978,18535638-18535719;2L:-:18535854-18535978,18535638-18535719	exon=> In CDS Exon 7 and 6 of transcript AGAP005672-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005672-PB
JHU_Ag_47581	ISGTEYVTLTDPATK	AGAP005672-PA,AGAP005672-PB	-	103	7.15E-10	2	1595.817	0.52	Ovary	2L:-:18535977-18535933;2L:-:18535977-18535933	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_48157	LIADYKDAEQK	AGAP005672-PA,AGAP005672-PB	-	47	0.000333163	2	1293.668	-0.42	Male reproductive organs	2L:-:18535854-18535978,18535638-18535719;2L:-:18535854-18535978,18535638-18535719	exon=> In CDS Exon 7 and 6 of transcript AGAP005672-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005672-PB
JHU_Ag_48312	LDAEGRPDNTTEVPYADEAR	AGAP005672-PA,AGAP005672-PB	-	80	1.45E-07	1	2219.024	1.35	Salivary gland	2L:-:18539695-18539636;2L:-:18539695-18539636	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_51207	LDDQNIAEAMLER	AGAP005672-PA,AGAP005672-PB	M10(Oxidation)	59	1.82E-05	2	1533.722	0.19	Male reproductive organs	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PB
JHU_Ag_51499	AFSQDVLNR	AGAP005672-PA,AGAP005672-PB	-	44	0.000601194	2	1049.537	-0.89	Male reproductive organs	2L:-:18536350-18536324;2L:-:18536350-18536324	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_52080	VTCTLDYVAPAR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl)	65	5.24E-06	2	1365.684	0.26	Ovary	2L:-:18539146-18539111;2L:-:18539146-18539111	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_52158	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	75	4.53E-07	1	2839.373	-1.8	Male reproductive organs	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_53573	SSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	168	2.33E-16	1	2718.319	2.58	Head	2L:-:18537648-18537571;2L:-:18537648-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_55022	VRLESNSNTNFLGTILCPEGNIAESLLR	AGAP005672-PA,AGAP005672-PB	C17(Carbamidomethyl)	52	4.53E-05	1	3117.620	6.33	Malpighian tubule	2L:-:18539596-18539513;2L:-:18539596-18539513	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_56265	GGNVTILYIDYGNR	AGAP005672-PA,AGAP005672-PB	-	72	7.41E-07	2	1554.792	0.43	Malpighian tubule	2L:-:18537030-18536989;2L:-:18537030-18536989	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_60753	DKELVGTVMEVYNGDAVLVK	AGAP005672-PA,AGAP005672-PB	-	76	2.40E-07	1	2179.138	2.84	Salivary gland	2L:-:18539365-18539306;2L:-:18539365-18539306	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_61257	VFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	44	0.000144472	1	1430.832	3.96	Ovary	2L:-:18539284-18539249;2L:-:18539284-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_61591	DEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	N10(Deamidated)	108	2.23E-10	2	1728.796	2.08	Head	2L:-:18537309-18537265;2L:-:18537309-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_62071	SSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	167	3.17E-16	1	2718.315	1.16	Salivary gland	2L:-:18537648-18537571;2L:-:18537648-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_66392	ESCLVTFLLAGISCR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl), C14(Carbamidomethyl)	47	0.000275366	1	1725.864	-1.1	Malpighian tubule	2L:-:18537696-18537652;2L:-:18537696-18537652	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_66529	DEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	100	1.43E-09	2	1728.794	1.23	Ovary	2L:-:18537309-18537265;2L:-:18537309-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_67137	AAAEEEKDEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	91	9.63E-09	1	2457.133	2.47	Ovary	2L:-:18537330-18537265;2L:-:18537330-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_67722	VTCTLDYVAPAR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl)	80	1.35E-07	1	1365.685	1.69	Malpighian tubule	2L:-:18539146-18539111;2L:-:18539146-18539111	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_67818	VKYESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	50	0.000116141	1	3066.540	-0.5	Malpighian tubule	2L:-:18537261-18537181;2L:-:18537261-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_69656	ISGTEYVTLTDPATK	AGAP005672-PA,AGAP005672-PB	-	86	3.10E-08	1	1595.818	0.83	Visceras	2L:-:18535977-18535933;2L:-:18535977-18535933	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_70029	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	91	1.15E-08	1	2839.390	4	Ovary	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_70756	ADIAEDLIADGYLIADK	AGAP005672-PA,AGAP005672-PB	-	140	1.71E-13	1	1805.922	2.85	Malpighian tubule	2L:-:18535932-18535882;2L:-:18535932-18535882	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_72199	ESCLVTFLLAGISCR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl), C14(Carbamidomethyl)	51	0.000109298	1	1725.873	3.78	Ovary	2L:-:18537696-18537652;2L:-:18537696-18537652	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_72616	ESCLVTFLLAGISCR	AGAP005672-PA,AGAP005672-PB	C3(Carbamidomethyl), C14(Carbamidomethyl)	99	1.50E-09	2	1725.873	4.14	Salivary gland	2L:-:18537696-18537652;2L:-:18537696-18537652	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_72672	NIWKDYVEK	AGAP005672-PA,AGAP005672-PB	-	42	0.000783735	1	1194.620	3.69	Malpighian tubule	2L:-:18537357-18537331;2L:-:18537357-18537331	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_73108	ISGTEYVTLTDPATK	AGAP005672-PA,AGAP005672-PB	-	83	7.21E-08	2	1595.818	0.75	Male reproductive organs	2L:-:18535977-18535933;2L:-:18535977-18535933	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_73277	DEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	103	6.70E-10	2	1728.798	3.07	Malpighian tubule	2L:-:18537309-18537265;2L:-:18537309-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_74644	VFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	32	0.002710595	1	1430.829	1.4	Salivary gland	2L:-:18539284-18539249;2L:-:18539284-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_76938	FSEDNEWYR	AGAP005672-PA,AGAP005672-PB	-	45	0.000123966	1	1245.517	-0.49	Pupa	2L:-:18537081-18537055;2L:-:18537081-18537055	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_78341	LEELMTK	AGAP005672-PA,AGAP005672-PB	M5(Oxidation)	36	0.004039824	1	879.450	0.72	Malpighian tubule	2L:-:18537180-18537160;2L:-:18537180-18537160	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_78700	AFSQDVLNR	AGAP005672-PA,AGAP005672-PB	-	38	0.002570669	2	1049.537	-0.19	Ovary	2L:-:18536350-18536324;2L:-:18536350-18536324	exon=> In CDS Exon 5 of transcript AGAP005672-PA;exon=> In CDS Exon 3 of transcript AGAP005672-PB
JHU_Ag_80703	VFQHVTLMMSGIR	AGAP005672-PA,AGAP005672-PB	M8(Oxidation),M9(Oxidation)	52	0.000104927	1	1534.796	5.94	Malpighian tubule	2L:-:18539749-18539711;2L:-:18539749-18539711	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_82948	VKYESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	126	2.84E-12	1	3066.551	2.81	Salivary gland	2L:-:18537261-18537181;2L:-:18537261-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_83787	FSEDNEWYR	AGAP005672-PA,AGAP005672-PB	-	57	6.53E-06	1	1245.519	1.57	Ovary	2L:-:18537081-18537055;2L:-:18537081-18537055	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_84081	LDDQNIAEAMLER	AGAP005672-PA,AGAP005672-PB	M10(Oxidation)	98	2.40E-09	1	1517.727	0.54	Ovary	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PB
JHU_Ag_85132	LESNSNTNFLGTILCPEGNIAESLLR	AGAP005672-PA,AGAP005672-PB	C15(Carbamidomethyl)	64	4.50E-06	1	2862.436	2.03	Malpighian tubule	2L:-:18539590-18539513;2L:-:18539590-18539513	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_86100	DEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	78	2.23E-07	1	1728.797	2.86	Salivary gland	2L:-:18537309-18537265;2L:-:18537309-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_86158	ADIAEDLIADGYLIADK	AGAP005672-PA,AGAP005672-PB	-	135	5.39E-13	1	1805.920	1.63	Salivary gland	2L:-:18535932-18535882;2L:-:18535932-18535882	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_86904	TLNMNVEYR	AGAP005672-PA,AGAP005672-PB	M4(Oxidation)	40	0.001012394	1	1155.546	-0.54	Midgut	2L:-:18536323-18536479,18535852-18535978;2L:-:18536323-18536479,18535852-18535978	exon=> In CDS Exon 6 and 5 of transcript AGAP005672-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PB
JHU_Ag_88017	NSRPLYDIPYMFEAR	AGAP005672-PA,AGAP005672-PB	M11(Oxidation)	44	0.000670077	1	1887.910	2	Salivary gland	2L:-:18539224-18539180;2L:-:18539224-18539180	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_89537	LIADYKDAEQK	AGAP005672-PA,AGAP005672-PB	-	62	9.50E-06	1	1293.668	-0.61	Ovary	2L:-:18535854-18535978,18535638-18535719;2L:-:18535854-18535978,18535638-18535719	exon=> In CDS Exon 7 and 6 of transcript AGAP005672-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005672-PB
JHU_Ag_89918	VFQHVTLMMSGIR	AGAP005672-PA,AGAP005672-PB	M8(Oxidation), M9(Oxidation)	68	2.40E-06	1	1550.783	0.85	Salivary gland	2L:-:18539749-18539711;2L:-:18539749-18539711	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_90655	LDAEGRPDNTTEVPYADEAR	AGAP005672-PA,AGAP005672-PB	-	63	6.46E-06	1	2219.019	-0.79	Pupa	2L:-:18539695-18539636;2L:-:18539695-18539636	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_91336	SSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	162	1.08E-15	1	2718.317	1.77	Visceras	2L:-:18537648-18537571;2L:-:18537648-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_92311	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	86	3.29E-08	1	2839.384	1.74	Head	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_94212	ISGTEYVTLTDPATK	AGAP005672-PA,AGAP005672-PB	-	89	1.62E-08	2	1595.820	2.05	Malpighian tubule	2L:-:18535977-18535933;2L:-:18535977-18535933	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_94653	ISGTEYVTLTDPATK	AGAP005672-PA,AGAP005672-PB	-	102	9.54E-10	2	1595.820	2.21	Salivary gland	2L:-:18535977-18535933;2L:-:18535977-18535933	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_95476	AAAEEEKDEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	93	5.94E-09	2	2457.130	1.5	Salivary gland	2L:-:18537330-18537265;2L:-:18537330-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_96125	NSRPLYDIPYMFEAR	AGAP005672-PA,AGAP005672-PB	-	65	5.33E-06	1	1871.912	0.41	Midgut	2L:-:18539224-18539180;2L:-:18539224-18539180	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_96144	LDAEGRPDNTTEVPYADEAR	AGAP005672-PA,AGAP005672-PB	-	68	2.24E-06	1	2219.021	0.04	Midgut	2L:-:18539695-18539636;2L:-:18539695-18539636	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB

JHU_Ag_97505	LDDQNIAEAMLER	AGAP005672-PA,AGAP005672-PB	M10(Oxidation)	98	2.48E-09	2	1517.734	5.05	Malpighian tubule	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PB
JHU_Ag_98172	KVFFSSIRPPRPK	AGAP005672-PA,AGAP005672-PB	-	27	0.001570688	1	1558.927	3.14	Malpighian tubule	2L:-:18539287-18539249;2L:-:18539287-18539249	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_98782	LIADYKDAEQK	AGAP005672-PA,AGAP005672-PB	-	64	5.59E-06	1	1293.671	1.75	Head	2L:-:18535854-18535978,18535638-18535719;2L:-:18535854-18535978,18535638-18535719	exon=> In CDS Exon 7 and 6 of transcript AGAP005672-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005672-PB
JHU_Ag_100133	LDAEGRPDNTTEVPYADEARFHVECR	AGAP005672-PA,AGAP005672-PB	C25(Carbamidomethyl)	73	5.56E-07	1	3047.405	4.46	Malpighian tubule	2L:-:18539695-18539618;2L:-:18539695-18539618	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_102017	SSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	161	1.18E-15	1	2718.311	-0.38	Midgut	2L:-:18537648-18537571;2L:-:18537648-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_102292	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	86	3.27E-08	1	2839.390	3.87	Salivary gland	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_102355	YESVVVTEVTPELQFYAQHTDQGAK	AGAP005672-PA,AGAP005672-PB	-	86	3.21E-08	1	2839.382	1.36	Visceras	2L:-:18537255-18537181;2L:-:18537255-18537181	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_105294	GGNVTILYIDYGNR	AGAP005672-PA,AGAP005672-PB	-	64	5.49E-06	2	1554.793	1.21	Salivary gland	2L:-:18537030-18536989;2L:-:18537030-18536989	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_106021	ADIAEDLIADGYLIADK	AGAP005672-PA,AGAP005672-PB	-	118	2.78E-11	1	1805.920	1.74	Ovary	2L:-:18535932-18535882;2L:-:18535932-18535882	exon=> In CDS Exon 6 of transcript AGAP005672-PA;exon=> In CDS Exon 4 of transcript AGAP005672-PB
JHU_Ag_106089	SSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	Q12(Deamidated)	183	7.12E-18	1	2718.320	3.12	Ovary	2L:-:18537648-18537571;2L:-:18537648-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_107000	DYKPPAALANTK	AGAP005672-PA,AGAP005672-PB	-	50	0.000165806	1	1288.691	1.41	Salivary gland	2L:-:18539401-18539366;2L:-:18539401-18539366	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_107134	DEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	41	0.001006284	2	1728.794	0.95	Male reproductive organs	2L:-:18537309-18537265;2L:-:18537309-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_107229	NIWKDYVEK	AGAP005672-PA,AGAP005672-PB	-	44	0.000537787	1	1194.617	1.13	Midgut	2L:-:18537357-18537331;2L:-:18537357-18537331	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_108452	LDAEGRPDNTTEVPYADEAR	AGAP005672-PA,AGAP005672-PB	-	104	5.14E-10	1	2219.023	0.86	Head	2L:-:18539695-18539636;2L:-:18539695-18539636	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_111587	AMPPVTGSYAPK	AGAP005672-PA,AGAP005672-PB	M2(Oxidation)	39	0.002034758	1	1234.617	2.77	Malpighian tubule	2L:-:18537141-18537106;2L:-:18537141-18537106	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_112529	SSRPAIGGAPAQEAEPYGDEALQFTREK	AGAP005672-PA,AGAP005672-PB	-	96	3.18E-09	1	2975.460	3.53	Malpighian tubule	2L:-:18537648-18537565;2L:-:18537648-18537565	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_113701	LDDQNIAEAMLER	AGAP005672-PA,AGAP005672-PB	-	95	4.58E-09	2	1517.729	1.91	Head	2L:-:18539074-18540191,18536986-18537967;2L:-:18539074-18539764,18536986-18537967	exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005672-PB
JHU_Ag_113806	RSSRPAIGGAPAQEAEPYGDEALQFTR	AGAP005672-PA,AGAP005672-PB	-	147	2.27E-14	1	2874.425	4.31	Malpighian tubule	2L:-:18537651-18537571;2L:-:18537651-18537571	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_115235	TLNMNVEYR	AGAP005672-PA,AGAP005672-PB	M4(Oxidation)	46	0.000287309	1	1155.545	-0.86	Salivary gland	2L:-:18536323-18536479,18535852-18535978;2L:-:18536323-18536479,18535852-18535978	exon=> In CDS Exon 6 and 5 of transcript AGAP005672-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP005672-PB
JHU_Ag_115679	FSEDNEWYR	AGAP005672-PA,AGAP005672-PB	-	57	7.55E-06	1	1245.522	3.53	Malpighian tubule	2L:-:18537081-18537055;2L:-:18537081-18537055	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_115767	LESNSNTNFLGTILCPEGNIAESLLR	AGAP005672-PA,AGAP005672-PB	C15(Carbamidomethyl)	38	0.001630114	1	2862.445	4.97	Ovary	2L:-:18539590-18539513;2L:-:18539590-18539513	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_115901	NSRPLYDIPYMFEAR	AGAP005672-PA,AGAP005672-PB	M11(Oxidation)	75	4.75E-07	1	1871.912	0.64	Ovary	2L:-:18539224-18539180;2L:-:18539224-18539180	exon=> In CDS Exon 3 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP005672-PB
JHU_Ag_117084	AAAEEEKDEIEDTPDVNTPVER	AGAP005672-PA,AGAP005672-PB	-	89	1.71E-08	2	2457.134	3.19	Midgut	2L:-:18537330-18537265;2L:-:18537330-18537265	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_74028	SDYYR	AGAP005672-PA,AGAP012070-PA,AGAP005672-PB	-	36	0.000503991	2	703.307	3.26	Malpighian tubule	2L:-:18537414-18537400;3L:-:37373283-37373269;2L:-:18537414-18537400	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 11 of transcript AGAP012070-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_8957	TEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	106	3.18E-10	2	1365.704	2.08	Pupa	2L:-:18537756-18537718;UNKN:+:32640610-32640648;2L:-:18537756-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_10827	GLATVINYR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	47	0.000198256	2	1006.569	0.55	Midgut	2L:-:18537966-18537940;UNKN:+:32640400-32640426;2L:-:18537966-18537940	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_11841	INDLTTDHSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	54	3.91E-05	1	1171.575	3.65	Ovary	2L:-:18537828-18537799;UNKN:+:32640538-32640567;2L:-:18537828-18537799	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_13086	TEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	94	5.49E-09	2	1365.704	2.26	Head	2L:-:18537756-18537718;UNKN:+:32640610-32640648;2L:-:18537756-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_13305	GLATVINYR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	52	5.55E-05	2	1006.568	-0.24	Ovary	2L:-:18537966-18537940;UNKN:+:32640400-32640426;2L:-:18537966-18537940	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_19143	TEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	103	6.68E-10	1	1365.702	0.47	Malpighian tubule	2L:-:18537756-18537718;UNKN:+:32640610-32640648;2L:-:18537756-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_30760	SPEYDKLR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	52	0.000105456	1	1007.516	0	Midgut	2L:-:18537921-18537898;UNKN:+:32640445-32640468;2L:-:18537921-18537898	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_33668	SPEYDKLR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	39	0.002068407	1	1007.515	-0.54	Pupa	2L:-:18537921-18537898;UNKN:+:32640445-32640468;2L:-:18537921-18537898	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_49681	SPEYDKLR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	52	0.000110204	1	1007.518	2.12	Malpighian tubule	2L:-:18537921-18537898;UNKN:+:32640445-32640468;2L:-:18537921-18537898	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_51572	GLATVINYR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	53	5.01E-05	2	1006.568	0.36	Malpighian tubule	2L:-:18537966-18537940;UNKN:+:32640400-32640426;2L:-:18537966-18537940	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_53005	INDLTTDHSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	71	8.16E-07	1	1171.573	2.19	Malpighian tubule	2L:-:18537828-18537799;UNKN:+:32640538-32640567;2L:-:18537828-18537799	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_62984	GLATVINYR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	66	2.36E-06	2	1006.571	2.49	Salivary gland	2L:-:18537966-18537940;UNKN:+:32640400-32640426;2L:-:18537966-18537940	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_65610	TEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	112	9.56E-11	2	1365.701	0.29	Male reproductive organs	2L:-:18537756-18537718;UNKN:+:32640610-32640648;2L:-:18537756-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_72916	INDLTTDHSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	46	0.000257875	1	1171.569	-0.83	Head	2L:-:18537828-18537799;UNKN:+:32640538-32640567;2L:-:18537828-18537799	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_73325	IKHHYLPSWQR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	61	7.27E-06	1	1464.791	3.78	Malpighian tubule	2L:-:18537798-18537766;UNKN:+:32640568-32640600;2L:-:18537798-18537766	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_74609	TEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	110	1.56E-10	2	1365.704	1.9	Ovary	2L:-:18537756-18537718;UNKN:+:32640610-32640648;2L:-:18537756-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_77848	AAQEQAIK	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	56	4.08E-05	1	858.468	-0.21	Salivary gland	2L:-:18537897-18537874;UNKN:+:32640469-32640492;2L:-:18537897-18537874	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_79084	AAQEQAIKGQK	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	64	4.60E-06	1	1171.644	0.91	Ovary	2L:-:18537897-18537865;UNKN:+:32640469-32640501;2L:-:18537897-18537865	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_82090	TEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	122	1.04E-11	2	1365.700	-1.05	Midgut	2L:-:18537756-18537718;UNKN:+:32640610-32640648;2L:-:18537756-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_86544	AAQEQAIKGQK	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	85	3.85E-08	1	1171.645	1.85	Malpighian tubule	2L:-:18537897-18537865;UNKN:+:32640469-32640501;2L:-:18537897-18537865	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_86549	SPEYDKLR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	52	0.000116734	1	1007.518	2.12	Salivary gland	2L:-:18537921-18537898;UNKN:+:32640445-32640468;2L:-:18537921-18537898	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_91373	TEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	103	6.83E-10	1	1365.707	4.49	Salivary gland	2L:-:18537756-18537718;UNKN:+:32640610-32640648;2L:-:18537756-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_92563	INDLTTDHSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	52	7.03E-05	1	1171.570	-0.2	Midgut	2L:-:18537828-18537799;UNKN:+:32640538-32640567;2L:-:18537828-18537799	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_97206	INDLTTDHSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	43	0.000527752	2	1171.572	1.57	Salivary gland	2L:-:18537828-18537799;UNKN:+:32640538-32640567;2L:-:18537828-18537799	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_99944	GLATVINYR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	57	1.86E-05	2	1006.568	0	Male reproductive organs	2L:-:18537966-18537940;UNKN:+:32640400-32640426;2L:-:18537966-18537940	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_100026	SPEYDKLR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	41	0.001337206	2	1007.517	1.39	Head	2L:-:18537921-18537898;UNKN:+:32640445-32640468;2L:-:18537921-18537898	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_103560	GLATVINYRQDDEQR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	43	0.000915776	1	1777.888	2.63	Malpighian tubule	2L:-:18537966-18537922;UNKN:+:32640400-32640444;2L:-:18537966-18537922	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_103945	ALRTEALVEFVASGSR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	99	8.63E-10	1	1705.933	5.8	Malpighian tubule	2L:-:18537765-18537718;UNKN:+:32640601-32640648;2L:-:18537765-18537718	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB

JHU_Ag_112369	SPEYDKLR	AGAP005672-PA,AGAP012831-PA,AGAP005672-PB	-	52	0.000114861	1	1007.515	-0.36	Ovary	2L:-:18537921-18537898;UNKN:+:32640445-32640468;2L:-:18537921-18537898	exon=> In CDS Exon 4 of transcript AGAP005672-PA;exon=> In CDS Exon 1 of transcript AGAP012831-PA;exon=> In CDS Exon 2 of transcript AGAP005672-PB
JHU_Ag_22629	QEDEIK	AGAP005673-PA	Q1(Deamidated)	33	0.004021518	2	762.351	-0.74	Head	2L:-:18544511-18544494	exon=> In CDS Exon 1 of transcript AGAP005673-PA
JHU_Ag_21633	KGESSCVQTR	AGAP005674-PA	C6(Carbamidomethyl)	50	0.000118471	2	1151.548	0.54	Head	2L:-:18556479-18556450	exon=> In CDS Exon 2 of transcript AGAP005674-PA
JHU_Ag_95927	TAYLDNPYFK	AGAP005675-PA	-	45	0.000423228	1	1231.601	1.07	Head	2L:+:18650964-18650993	exon=> In CDS Exon 1 of transcript AGAP005675-PA
JHU_Ag_11448	TPLATELEQIPAKPPVNK	AGAP005683-PA	-	29	0.002213706	1	1946.103	3.48	Head	2L:-:18741342-18741289	exon=> In CDS Exon 2 of transcript AGAP005683-PA
JHU_Ag_64373	YSVAQFFEHAQAVVASASGVLADK	AGAP005683-PA	-	105	4.38E-10	1	2495.263	2.55	Ovary	2L:-:18741138-18741067	exon=> In CDS Exon 2 of transcript AGAP005683-PA
JHU_Ag_72355	TPLATELEQIPAKPPVNK	AGAP005683-PA	-	110	2.26E-11	1	1946.097	0.85	Ovary	2L:-:18741342-18741289	exon=> In CDS Exon 2 of transcript AGAP005683-PA
JHU_Ag_75252	KFSNLSIHELIICAVK	AGAP005683-PA	C13(Carbamidomethyl)	77	7.01E-08	1	1872.045	2.01	Ovary	2L:-:18741192-18741145	exon=> In CDS Exon 2 of transcript AGAP005683-PA
JHU_Ag_108583	VFECTQPNASPTLLHEK	AGAP005683-PA	C4(Carbamidomethyl)	40	0.001584005	1	1970.990	13.34	Ovary	2L:-:18740997-18740947	exon=> In CDS Exon 2 of transcript AGAP005683-PA
JHU_Ag_115029	TPLATELEQIPAKPPVNK	AGAP005683-PA	-	101	2.02E-10	1	1946.092	-1.79	Midgut	2L:-:18741342-18741289	exon=> In CDS Exon 2 of transcript AGAP005683-PA
JHU_Ag_36978	EQLNATRIVK	AGAP005684-PA	Q2(Deamidated), N4(Deamidated)	34	0.004012491	1	1173.662	12.55	Visceras	2L:+:18745071-18745100	exon=> In CDS Exon 1 of transcript AGAP005684-PA
JHU_Ag_31546	ETLAEIVQK	AGAP005685-PA	-	40	0.001426766	2	1030.578	-0.14	Ovary	2L:-:18746478-18746452	exon=> In CDS Exon 2 of transcript AGAP005685-PA
JHU_Ag_27650	NDVALVLLNSR	AGAP005686-PA	-	73	3.97E-07	2	1213.692	1.93	Pupa	2L:-:18751070-18751038	exon=> In CDS Exon 1 of transcript AGAP005686-PA
JHU_Ag_83536	TTDSSQATSATLR	AGAP005686-PA	-	85	4.56E-08	2	1338.651	1.16	Pupa	2L:-:18750938-18750900	exon=> In CDS Exon 1 of transcript AGAP005686-PA
JHU_Ag_84112	RHPGYDATSLR	AGAP005686-PA	-	50	0.000144967	3	1272.646	1.23	Pupa	2L:-:18751103-18751071	exon=> In CDS Exon 1 of transcript AGAP005686-PA
JHU_Ag_6794	LTSVDEVPVFDK	AGAP005693-PA	-	74	5.49E-07	2	1348.701	1.06	Pupa	2L:+:18786372-18786407	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_13288	LELQQNGLGSIDDR	AGAP005693-PA	N6(Deamidated)	51	0.000113267	2	1558.772	0.69	Pupa	2L:+:18786081-18786122	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_21872	LQTLDLSDNAIATIESTAFKR	AGAP005693-PA	-	49	9.21E-05	1	2307.226	2.77	Pupa	2L:+:18785928-18785990	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_23544	LDGNQLESVSNSLTAPITHLK	AGAP005693-PA	-	84	3.18E-08	3	2237.183	2.53	Pupa	2L:+:18786495-18786557	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_41829	IHDLPDVAFFGASR	AGAP005693-PA	-	60	1.69E-05	1	1544.785	-0.44	Pupa	2L:+:18785886-18785927	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_79089	TLQSLYLR	AGAP005693-PA	-	41	0.000415791	2	993.571	-1.76	Pupa	2L:+:18785853-18785876	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_86056	LDGNQLESVSNSLTAPITHLK	AGAP005693-PA	-	100	7.44E-10	1	2237.191	5.97	Larva	2L:+:18786495-18786557	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_99018	LAVTDLAGSFPVMVR	AGAP005693-PA	M13(Oxidation)	54	3.42E-05	1	1591.856	3.24	Pupa	2L:+:18786663-18786707	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_115425	LAVTDLAGSFPVMVR	AGAP005693-PA	M13(Oxidation)	64	3.76E-06	2	1591.860	5.31	Larva	2L:+:18786663-18786707	exon=> In CDS Exon 2 of transcript AGAP005693-PA
JHU_Ag_69199	VETLKPGYYGGVNAEITGGAIK	AGAP005697-PA	-	38	0.001138418	3	2237.187	2.53	Pupa	2L:+:19101115-19101180	exon=> In CDS Exon 2 of transcript AGAP005697-PA

JHU_Ag_50665	LYSGMISPQSVTFNNPAAK	AGAP005698-PA	M5(Oxidation)	78	2.05E-07	1	2041.011	2.65	Larva	2L:+:19102002-19102046,19102145-19102156	exon=> In CDS Exon 1 and 2 of transcript AGAP005698-PA
JHU_Ag_5764	ETLVHAR	AGAP005700-PA	-	34	0.002262913	2	825.462	4.94	Visceras	2L:+:19151701-19151721	exon=> In CDS Exon 2 of transcript AGAP005700-PA
JHU_Ag_28243	RQTLQR	AGAP005700-PA	-	39	0.002102027	2	801.460	-11.66	Ovary	2L:+:19151842-19151859	exon=> In CDS Exon 2 of transcript AGAP005700-PA
JHU_Ag_65015	ETLVHAR	AGAP005700-PA	-	34	0.002189545	2	825.460	2.57	Head	2L:+:19151701-19151721	exon=> In CDS Exon 2 of transcript AGAP005700-PA
JHU_Ag_91322	RQTLQR	AGAP005700-PA	-	47	0.000355858	2	801.461	-9.76	Malpighian tubule	2L:+:19151842-19151859	exon=> In CDS Exon 2 of transcript AGAP005700-PA
JHU_Ag_91581	ETLVHAR	AGAP005700-PA	-	34	0.002247335	2	825.461	3.76	Pupa	2L:+:19151701-19151721	exon=> In CDS Exon 2 of transcript AGAP005700-PA
JHU_Ag_61006	QVVDILKPEHDDYYLVR	AGAP005701-PA	-	84	5.10E-08	1	2102.090	-0.86	Head	2L:-:19162407-19162357	exon=> In CDS Exon 2 of transcript AGAP005701-PA
JHU_Ag_57998	TASNTNEALPLNNLR	AGAP005704-PA	-	53	7.61E-05	2	1627.847	4.5	Larva	2L:+:19204593-19204637	exon=> In CDS Exon 3 of transcript AGAP005704-PA
JHU_Ag_103189	TMTFVNQLASISGWGR	AGAP005704-PA	M2(Oxidation)	134	6.43E-13	2	1783.890	5.96	Larva	2L:+:19204545-19204592	exon=> In CDS Exon 3 of transcript AGAP005704-PA
JHU_Ag_10914	VEEFIGVSNILSHPNYSSFFNR	AGAP005707-PA	-	113	8.64E-11	1	2556.264	4.69	Larva	2L:-:19208545-19208480	exon=> In CDS Exon 2 of transcript AGAP005707-PA
JHU_Ag_3549	IQSVQILTPEATEDIR	AGAP005710-PA	-	50	9.55E-05	2	1812.970	0.01	Midgut	2L:+:19246205-19246252	exon=> In CDS Exon 6 of transcript AGAP005710-PA
JHU_Ag_3659	YQNPPMAPPAAEYERPPPYYYPGAPSEHE	AGAP005710-PA	-	37	0.001899869	1	3318.498	4.4	Head	2L:+:19254945-19255031	exon=> In CDS Exon 12 of transcript AGAP005710-PA
JHU_Ag_6121	ITASQLNDGLR	AGAP005710-PA	-	56	4.04E-05	2	1187.639	1.18	Salivary gland	2L:+:19243324-19243348,19243432-19243439	exon=> In CDS Exon 3 and 4 of transcript AGAP005710-PA
JHU_Ag_12961	ITASQLNDGLR	AGAP005710-PA	-	64	6.51E-06	2	1187.640	2.1	Malpighian tubule	2L:+:19243324-19243348,19243432-19243439	exon=> In CDS Exon 3 and 4 of transcript AGAP005710-PA
JHU_Ag_13704	LYLQTTSAHIDHVLNK	AGAP005710-PA	-	66	2.01E-06	1	1852.996	2.24	Midgut	2L:+:19243093-19243140	exon=> In CDS Exon 3 of transcript AGAP005710-PA
JHU_Ag_15531	LNNFIDIR	AGAP005710-PA	-	58	1.72E-05	2	1004.554	1.11	Malpighian tubule	2L:+:19246112-19246135	exon=> In CDS Exon 6 of transcript AGAP005710-PA
JHU_Ag_21563	HLDTADEYIEQYSIYR	AGAP005710-PA	-	96	3.73E-09	2	2015.936	0.58	Midgut	2L:+:19245539-19245586	exon=> In CDS Exon 5 of transcript AGAP005710-PA
JHU_Ag_22789	NYQELNNDLK	AGAP005710-PA	-	41	0.00113744	2	1250.604	2.38	Malpighian tubule	2L:+:19243141-19243170	exon=> In CDS Exon 3 of transcript AGAP005710-PA
JHU_Ag_23667	NYQELNNDLK	AGAP005710-PA	-	42	0.001036957	2	1250.601	0.24	Midgut	2L:+:19243141-19243170	exon=> In CDS Exon 3 of transcript AGAP005710-PA
JHU_Ag_43065	LTTLYEFVEK	AGAP005710-PA	-	37	0.002259633	1	1242.666	3.14	Salivary gland	2L:+:19243237-19243266	exon=> In CDS Exon 3 of transcript AGAP005710-PA
JHU_Ag_45130	NQALHLSSYQTNLVDPMIASTNELIK	AGAP005710-PA	M17(Oxidation)	38	0.00148976	3	2916.474	-1.17	Midgut	2L:+:19246493-19246522,19246590-19246637	exon=> In CDS Exon 7 and 8 of transcript AGAP005710-PA
JHU_Ag_46016	LNNFIDIR	AGAP005710-PA	-	52	6.90E-05	2	1004.554	1.23	Pupa	2L:+:19246112-19246135	exon=> In CDS Exon 6 of transcript AGAP005710-PA
JHU_Ag_46122	LNNFIDIR	AGAP005710-PA	-	50	0.000147956	2	1004.552	-0.53	Midgut	2L:+:19246112-19246135	exon=> In CDS Exon 6 of transcript AGAP005710-PA
JHU_Ag_46322	GMAPLYEITNR	AGAP005710-PA	M2(Oxidation)	55	6.24E-05	2	1280.631	0.68	Midgut	2L:+:19242487-19242519	exon=> In CDS Exon 1 of transcript AGAP005710-PA
JHU_Ag_55564	LTTLYEFVEK	AGAP005710-PA	-	36	0.002525979	2	1242.665	2.75	Malpighian tubule	2L:+:19243237-19243266	exon=> In CDS Exon 3 of transcript AGAP005710-PA
JHU_Ag_56181	HLDTADEYIEQYSIYR	AGAP005710-PA	-	133	6.68E-13	1	2015.934	-0.51	Head	2L:+:19245539-19245586	exon=> In CDS Exon 5 of transcript AGAP005710-PA

JHU_Ag_67368	VIDLFVDENPIPDGYITVK	AGAP005710-PA	-	65	3.57E-06	1	2147.128	0.61	Head	2L:+:19242520-19242559,19242628-19242644	exon=> In CDS Exon 1 and 2 of transcript AGAP005710-PA
JHU_Ag_84756	VIDLFVDENPIPDGYITVK	AGAP005710-PA	-	38	0.001750725	2	2147.134	3.11	Pupa	2L:+:19242520-19242559,19242628-19242644	exon=> In CDS Exon 1 and 2 of transcript AGAP005710-PA
JHU_Ag_87104	LNNFIDIR	AGAP005710-PA	-	52	6.59E-05	2	1004.553	0.74	Salivary gland	2L:+:19246112-19246135	exon=> In CDS Exon 6 of transcript AGAP005710-PA
JHU_Ag_90602	HGVHDTR	AGAP005710-PA	-	37	0.003113287	2	821.400	-1.35	Head	2L:+:19243072-19243092	exon=> In CDS Exon 3 of transcript AGAP005710-PA
JHU_Ag_93692	QTVLQNIPK	AGAP005710-PA	-	41	0.000425884	2	1040.610	0.23	Midgut	2L:+:19245404-19245430	exon=> In CDS Exon 5 of transcript AGAP005710-PA
JHU_Ag_102219	IQSVQILTPEATEDIR	AGAP005710-PA	-	83	4.14E-08	1	1812.975	2.63	Malpighian tubule	2L:+:19246205-19246252	exon=> In CDS Exon 6 of transcript AGAP005710-PA
JHU_Ag_104558	VIDLFVDENPIPDGYITVK	AGAP005710-PA	-	96	3.19E-09	1	2147.127	0.04	Midgut	2L:+:19242520-19242559,19242628-19242644	exon=> In CDS Exon 1 and 2 of transcript AGAP005710-PA
JHU_Ag_108436	LYADLR	AGAP005710-PA	-	33	0.004671236	2	750.416	2.09	Malpighian tubule	2L:+:19245977-19245994	exon=> In CDS Exon 6 of transcript AGAP005710-PA
JHU_Ag_115558	LTTLYEFVEK	AGAP005710-PA	-	56	2.66E-05	1	1242.664	1.77	Midgut	2L:+:19243237-19243266	exon=> In CDS Exon 3 of transcript AGAP005710-PA
JHU_Ag_25346	DFLAGLAFR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	57	1.82E-05	2	1009.548	0.98	Pupa	2L:-:19278179-19278153;2L:-:19278179-19278153;2L:-:19278179-19278153	exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 2 of transcript AGAP005712-PC
JHU_Ag_35509	DFLAGLAFR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	45	0.000281484	2	1009.547	0.68	Head	2L:-:19278179-19278153;2L:-:19278179-19278153;2L:-:19278179-19278153	exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 2 of transcript AGAP005712-PC
JHU_Ag_37761	VNLLHIESR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	59	7.80E-06	1	1080.613	-2.53	Head	2L:-:19278831-19278805;2L:-:19278831-19278805;2L:-:19278831-19278805	exon=> In CDS Exon 2 of transcript AGAP005712-PA;exon=> In CDS Exon 2 of transcript AGAP005712-PB;exon=> In CDS Exon 1 of transcript AGAP005712-PC
JHU_Ag_43741	FANQILSYGAELDSDHPGFTDQTYR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	118	1.89E-11	1	2845.309	0.82	Head	2L:-:19278545-19278471;2L:-:19278545-19278471;2L:-:19278545-19278471	exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 2 of transcript AGAP005712-PC
JHU_Ag_47887	DCTGFTLRPVAGLLSSR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	C2(Carbamidomethyl)	47	0.000227407	1	1849.959	0.02	Head	2L:-:19278230-19278180;2L:-:19278230-19278180;2L:-:19278230-19278180	exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 2 of transcript AGAP005712-PC

JHU_Ag_58864	YFADIAFNYK	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	49	0.000200066	2	1251.605	0.53	Pupa	2L:-:19278458-19278429;2L:-:19278458-19278429;2L:-:19278458-19278429	exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 2 of transcript AGAP005712-PC
JHU_Ag_67511	GTLGPAIEAIR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	35	0.001551698	2	1097.632	0.66	Pupa	2L:-:19278750-19278718;2L:-:19278750-19278718;2L:-:19278750-19278718	exon=> In CDS Exon 2 of transcript AGAP005712-PA;exon=> In CDS Exon 2 of transcript AGAP005712-PB;exon=> In CDS Exon 1 of transcript AGAP005712-PC
JHU_Ag_75319	NIHNEFEVLQNAFK	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	41	0.001342202	3	1702.856	0.44	Pupa	2L:-:19277556-19277515;2L:-:19277556-19277515;2L:-:19277556-19277515	exon=> In CDS Exon 4 of transcript AGAP005712-PA;exon=> In CDS Exon 4 of transcript AGAP005712-PB;exon=> In CDS Exon 3 of transcript AGAP005712-PC
JHU_Ag_81618	AYGAGLLSSFGELQYCLTDKPELR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	C16(Carbamidomethyl)	76	3.86E-07	1	2688.354	7.31	Head	2L:-:19277838-19277767;2L:-:19277838-19277767;2L:-:19277838-19277767	exon=> In CDS Exon 4 of transcript AGAP005712-PA;exon=> In CDS Exon 4 of transcript AGAP005712-PB;exon=> In CDS Exon 3 of transcript AGAP005712-PC
JHU_Ag_100108	NIHNEFEVLQNAFK	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	90	1.77E-08	2	1702.863	4.86	Head	2L:-:19277556-19277515;2L:-:19277556-19277515;2L:-:19277556-19277515	exon=> In CDS Exon 4 of transcript AGAP005712-PA;exon=> In CDS Exon 4 of transcript AGAP005712-PB;exon=> In CDS Exon 3 of transcript AGAP005712-PC
JHU_Ag_107340	FANQILSYGAELDSDHPGFTDQTYR	AGAP005712-PA,AGAP005712-PB,AGAP005712-PC	-	128	1.83E-12	1	2845.305	-0.59	Pupa	2L:-:19278545-19278471;2L:-:19278545-19278471;2L:-:19278545-19278471	exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 2 of transcript AGAP005712-PC
JHU_Ag_85946	NIHNEFEVLQNAFK	AGAP005712-PB,AGAP005712-PA,AGAP005712-PC	N1(Deamidated), Q10(Deamidated), N11(Deamidated),"N4(Deamidated), Q10(Deamidated), N11(Deamidated)"	37	0.002931091	1	1705.813	3.55	Malpighian tubule	2L:-:19277556-19277515;2L:-:19277556-19277515;2L:-:19277556-19277515	exon=> In CDS Exon 4 of transcript AGAP005712-PB;exon=> In CDS Exon 4 of transcript AGAP005712-PA;exon=> In CDS Exon 3 of transcript AGAP005712-PC
JHU_Ag_98190	FANQILSYGAELDSDHPGFTDQTYR	AGAP005712-PB,AGAP005712-PA,AGAP005712-PC	-	116	3.32E-11	1	2845.307	0.05	Visceras	2L:-:19278545-19278471;2L:-:19278545-19278471;2L:-:19278545-19278471	exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 2 of transcript AGAP005712-PC
JHU_Ag_100717	DFLAGLAFR	AGAP005712-PB,AGAP005712-PA,AGAP005712-PC	-	53	3.57E-05	2	1009.551	3.95	Larva	2L:-:19278179-19278153;2L:-:19278179-19278153;2L:-:19278179-19278153	exon=> In CDS Exon 3 of transcript AGAP005712-PB;exon=> In CDS Exon 3 of transcript AGAP005712-PA;exon=> In CDS Exon 2 of transcript AGAP005712-PC
JHU_Ag_102003	IGQTTIRPAAPVR	AGAP005719-PA	Q3(Deamidated)	30	0.002589155	1	1380.798	1.22	Malpighian tubule	2L:+:19587006-19587044	exon=> In CDS Exon 4 of transcript AGAP005719-PA

JHU_Ag_5264	LVQQLGGVVER	AGAP005723-PA	-	78	8.52E-08	1	1197.695	-0.46	Male reproductive organs	2L:+:19627674-19627706	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_8726	SADQSANVELIKK	AGAP005723-PA	N-Term(Acetyl)	69	1.87E-06	1	1444.764	0.13	Midgut	2L:+:19627113-19627151	exon=> In CDS Exon 1 of transcript AGAP005723-PA
JHU_Ag_9855	NVVIIELTELGGR	AGAP005723-PA	-	119	8.33E-12	2	1412.812	0.87	Midgut	2L:+:19627707-19627745	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_18528	VLIIDDLLATGGTMDAANK	AGAP005723-PA	M14(Oxidation)	76	3.58E-07	2	1947.007	-1.76	Midgut	2L:+:19627617-19627673	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_19785	SADQSANVELIKK	AGAP005723-PA	N-Term(Acetyl)	100	1.47E-09	1	1444.765	0.3	Ovary	2L:+:19627113-19627151	exon=> In CDS Exon 1 of transcript AGAP005723-PA
JHU_Ag_23863	HIGEYPDFPK	AGAP005723-PA	-	34	0.006343849	1	1202.584	-0.35	Head	2L:+:19627152-19627181	exon=> In CDS Exon 1 of transcript AGAP005723-PA
JHU_Ag_26007	LVQQLGGVVER	AGAP005723-PA	-	85	1.53E-08	1	1197.696	1.17	Ovary	2L:+:19627674-19627706	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_27816	KLEASGSNVHSFIQYHDVE	AGAP005723-PA	-	110	1.70E-10	1	2160.047	5.17	Ovary	2L:+:19627749-19627805	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_33524	SADQSANVELIKK	AGAP005723-PA	N-Term(Acetyl)	99	1.93E-09	1	1444.768	2.83	Malpighian tubule	2L:+:19627113-19627151	exon=> In CDS Exon 1 of transcript AGAP005723-PA
JHU_Ag_39142	DIFTALR	AGAP005723-PA	-	33	0.00460057	2	835.467	0.15	Visceras	2L:+:19627267-19627287	exon=> In CDS Exon 2 of transcript AGAP005723-PA
JHU_Ag_49725	DIFTALR	AGAP005723-PA	-	51	7.98E-05	2	835.467	-0.29	Male reproductive organs	2L:+:19627267-19627287	exon=> In CDS Exon 2 of transcript AGAP005723-PA
JHU_Ag_59108	VLIIDDLLATGGTMDAANK	AGAP005723-PA	M14(Oxidation)	123	5.99E-12	1	1947.015	2.19	Ovary	2L:+:19627617-19627673	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_59144	KLEASGSNVHSFIQYHDVE	AGAP005723-PA	-	101	1.32E-09	1	2160.042	2.71	Malpighian tubule	2L:+:19627749-19627805	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_71429	SADQSANVELIKK	AGAP005723-PA	N-Term(Acetyl)	87	2.65E-08	1	1444.767	1.56	Male reproductive organs	2L:+:19627113-19627151	exon=> In CDS Exon 1 of transcript AGAP005723-PA
JHU_Ag_101490	DIFTALR	AGAP005723-PA	-	42	0.000636519	1	835.468	1.24	Ovary	2L:+:19627267-19627287	exon=> In CDS Exon 2 of transcript AGAP005723-PA
JHU_Ag_103239	NVVIIELTELGGR	AGAP005723-PA	-	105	2.09E-10	2	1412.812	0.96	Visceras	2L:+:19627707-19627745	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_106126	NVVIIELTELGGR	AGAP005723-PA	-	85	2.33E-08	2	1412.811	-0.17	Ovary	2L:+:19627707-19627745	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_108665	NVVIIELTELGGR	AGAP005723-PA	-	93	2.95E-09	2	1412.816	3.98	Malpighian tubule	2L:+:19627707-19627745	exon=> In CDS Exon 3 of transcript AGAP005723-PA
JHU_Ag_838	ALGSIGNVDILR	AGAP005728-PA	-	82	3.89E-08	1	1227.709	2.47	Salivary gland	2L:-:19770667-19770632	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_1415	DLDAISAYLK	AGAP005728-PA	-	75	4.97E-07	2	1108.590	1.69	Salivary gland	2L:-:19770313-19770284	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_3246	INPGTIGYYR	AGAP005728-PA	-	52	7.13E-05	1	1153.604	3.04	Malpighian tubule	2L:-:19771406-19771377	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_6066	MGFPVVQVR	AGAP005728-PA	-	57	2.74E-05	2	1032.565	-0.71	Ovary	2L:-:19771643-19771617	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_6455	YAGVTQFEATDAR	AGAP005728-PA	-	90	1.48E-08	2	1428.677	1.21	Pupa	2L:-:19772624-19772586	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_6611	YLTENFSTEER	AGAP005728-PA	-	57	2.29E-05	1	1388.635	1.21	Head	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_8853	LPTNVVPEHYR	AGAP005728-PA	-	67	2.14E-06	1	1324.700	-0.64	Midgut	2L:-:19782379-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_8967	ALELDCLR	AGAP005728-PA	C6(Carbamidomethyl)	50	0.000182936	1	989.510	1.33	Malpighian tubule	2L:-:19771925-19771902	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_10231	ATDLHEEKDR	AGAP005728-PA	-	39	0.001190242	1	1213.580	-0.67	Salivary gland	2L:-:19770706-19770677	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_10329	LTLKPNLTALTFEGNTAVELK	AGAP005728-PA	-	52	1.30E-05	1	2273.280	2.26	Pupa	2L:-:19782346-19782284	exon=> In CDS Exon 1 of transcript AGAP005728-PA

JHU_Ag_10427	ETFVLVDPENTSLIR	AGAP005728-PA	-	87	2.76E-08	2	1732.915	1.9	Salivary gland	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_11476	LPTNVVPEHYR	AGAP005728-PA	-	59	1.43E-05	1	1324.700	-1.01	Head	2L:-:19782379-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_11849	LQLLLAHTPAEK	AGAP005728-PA	-	89	3.46E-09	1	1333.785	0.91	Head	2L:-:19771095-19771060	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_12264	AKEVEQFFR	AGAP005728-PA	-	44	0.000490505	1	1153.602	1.3	Malpighian tubule	2L:-:19770421-19770395	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_13951	TPVMSTYLVAVVVGEYDYVEDR	AGAP005728-PA	M4(Oxidation)	119	1.68E-11	1	2521.219	0.7	Malpighian tubule	2L:-:19772432-19772367	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_14100	SADGVLVR	AGAP005728-PA	-	58	3.54E-05	2	816.457	-0.22	Midgut	2L:-:19772366-19772343	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_20656	NENNYTVWSSISNCLAK	AGAP005728-PA	C14(Carbamidomethyl)	106	2.79E-10	1	1999.916	-1.15	Head	2L:-:19771146-19771096	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_21664	YAGVTQFEATDARR	AGAP005728-PA	-	38	0.002863148	1	1584.776	-0.25	Ovary	2L:-:19772624-19772583	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_21981	EVEQFFREHDFPGTER	AGAP005728-PA	-	79	2.03E-07	1	2022.939	4.34	Malpighian tubule	2L:-:19770415-19770368	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_22366	EVEQFFR	AGAP005728-PA	-	38	0.001883236	2	954.471	2.69	Malpighian tubule	2L:-:19770415-19770395	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_22444	LGWDVKPGESHLDTLLR	AGAP005728-PA	-	107	1.87E-10	1	1936.033	2.3	Ovary	2L:-:19771011-19770961	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_23906	LPTNVVPEHYR	AGAP005728-PA	-	45	0.000321682	1	1324.703	1.75	Male reproductive organs	2L:-:19782379-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_24947	YLTENFSTEER	AGAP005728-PA	-	55	3.15E-05	1	1388.633	-0.2	Ovary	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_25276	DLDAISAYLK	AGAP005728-PA	-	49	0.000178701	2	1108.590	0.91	Male reproductive organs	2L:-:19770313-19770284	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_25807	TVSQSIETIR	AGAP005728-PA	-	60	1.16E-05	2	1133.620	3.14	Salivary gland	2L:-:19770367-19770338	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_26507	ETFVLVDPENTSLIR	AGAP005728-PA	-	37	0.002434567	1	1732.918	3.66	Visceras	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_26527	ETFVLVDPENTSLIR	AGAP005728-PA	-	50	0.000115621	2	1732.922	6.2	Larva	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_26772	DLDAISAYLK	AGAP005728-PA	-	40	0.001486374	2	1108.589	0.25	Head	2L:-:19770313-19770284	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_27742	ETFVLVDPENTSLIR	AGAP005728-PA	-	71	1.03E-06	2	1732.913	0.77	Male reproductive organs	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_28329	VLPYYKDYFNIAYPLPK	AGAP005728-PA	-	82	5.60E-08	1	2104.116	0.17	Ovary	2L:-:19772282-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_28638	ETFVLVDPENTSLIR	AGAP005728-PA	-	73	7.34E-07	1	1732.912	-0.07	Malpighian tubule	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_29821	AKEVEQFFR	AGAP005728-PA	-	48	0.000187184	2	1153.598	-1.65	Midgut	2L:-:19770421-19770395	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_31127	ITLNALDLK	AGAP005728-PA	-	48	0.000100503	2	1000.602	-1.67	Male reproductive organs	2L:-:19772861-19772835	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_34951	INPGTIGYYR	AGAP005728-PA	-	42	0.00082336	2	1153.598	-1.94	Midgut	2L:-:19771406-19771377	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_35367	YAGVTQFEATDAR	AGAP005728-PA	-	49	0.000175497	1	1428.675	-0.5	Head	2L:-:19772624-19772586	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_36915	LPTNVVPEHYR	AGAP005728-PA	-	54	4.16E-05	2	1324.702	0.74	Ovary	2L:-:19782379-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_37484	NSHPIEVPVGHPSEIDEIFDEISYNKGASVIR	AGAP005728-PA	-	61	7.24E-06	1	3548.782	4.68	Malpighian tubule	2L:-:19771901-19771806	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_38162	DYFNIAYPLPK	AGAP005728-PA	-	79	1.35E-07	2	1340.691	2.07	Pupa	2L:-:19772264-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA

JHU_Ag_38824	TEDLWNALQEASSKPVGAVMSTWIQR	AGAP005728-PA	M20(Oxidation)	102	7.17E-10	1	2933.472	8.84	Larva	2L:-:19771721-19771644	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_40205	YAGVTQFEATDAR	AGAP005728-PA	-	88	2.32E-08	2	1428.677	0.87	Salivary gland	2L:-:19772624-19772586	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_40587	NSHPIEVPVGHPSEIDEIFDEISYNK	AGAP005728-PA	-	127	2.64E-12	1	2965.429	2.68	Midgut	2L:-:19771901-19771824	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_41282	ALELDCLR	AGAP005728-PA	C6(Carbamidomethyl)	42	0.001019242	2	989.508	-0.03	Ovary	2L:-:19771925-19771902	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_41552	DLDAISAYLK	AGAP005728-PA	-	68	2.06E-06	2	1108.589	0.25	Midgut	2L:-:19770313-19770284	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_42572	LGLIDDLFALVQAGK	AGAP005728-PA	-	30	0.00272881	2	1572.908	5.23	Larva	2L:-:19771301-19771257	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_44896	LGLIDDLFALVQAGK	AGAP005728-PA	-	65	8.68E-07	2	1572.903	2.43	Pupa	2L:-:19771301-19771257	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_45341	NSHPIEVPVGHPSEIDEIFDEISYNK	AGAP005728-PA	-	136	3.35E-13	1	2965.427	1.94	Malpighian tubule	2L:-:19771901-19771824	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_47844	MLHHYIGDEDFKR	AGAP005728-PA	-	50	0.000163815	1	1660.788	-1.05	Pupa	2L:-:19771805-19771767	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_50373	NSHPIEVPVGHPSEIDEIFDEISYNK	AGAP005728-PA	-	118	2.35E-11	1	2965.434	4.16	Ovary	2L:-:19771901-19771824	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_50526	NENNYTVWSSISNCLAK	AGAP005728-PA	C14(Carbamidomethyl)	72	7.15E-07	2	1999.914	-2.07	Midgut	2L:-:19771146-19771096	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_50550	AVLQHGDLATYDEMLR	AGAP005728-PA	M14(Oxidation)	53	9.90E-05	2	1847.894	-1.01	Midgut	2L:-:19770763-19770716	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_51681	YLTENFSTEER	AGAP005728-PA	-	70	1.17E-06	1	1388.636	1.91	Salivary gland	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_51933	YLTENFSTEER	AGAP005728-PA	-	62	6.17E-06	2	1388.637	3.14	Male reproductive organs	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_53189	FQRLPTNVVPEHYR	AGAP005728-PA	-	67	2.30E-06	1	1755.930	0.42	Malpighian tubule	2L:-:19782388-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_53591	ALGSIGNVDILRK	AGAP005728-PA	-	79	4.77E-08	2	1355.806	4.31	Malpighian tubule	2L:-:19770667-19770629	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_54063	KVIDFAMSEEVR	AGAP005728-PA	M7(Oxidation)	44	0.000649617	1	1439.720	-0.17	Malpighian tubule	2L:-:19770631-19770596	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_54921	ETFVLVDPENTSLIR	AGAP005728-PA	-	81	9.72E-08	2	1732.914	1.2	Pupa	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_55648	DYFNIAYPLPK	AGAP005728-PA	-	58	1.89E-05	2	1340.692	2.53	Malpighian tubule	2L:-:19772264-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_56023	DYFNIAYPLPK	AGAP005728-PA	-	76	3.17E-07	2	1340.691	1.53	Head	2L:-:19772264-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_56087	ALGSIGNVDILR	AGAP005728-PA	-	87	1.27E-08	1	1227.707	1.18	Malpighian tubule	2L:-:19770667-19770632	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_57414	VIDFAMSEEVR	AGAP005728-PA	M6(Oxidation)	51	0.000114113	1	1311.625	-0.15	Midgut	2L:-:19770628-19770596	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_58140	RDLDAISAYLK	AGAP005728-PA	-	60	9.86E-06	2	1264.686	-3	Head	2L:-:19770316-19770284	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_62208	ITLNALDLK	AGAP005728-PA	-	71	5.16E-07	1	1000.604	0.28	Malpighian tubule	2L:-:19772861-19772835	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_62441	ETFVLVDPENTSLIR	AGAP005728-PA	-	75	3.80E-07	2	1732.919	4.44	Midgut	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_63634	DYFNIAYPLPK	AGAP005728-PA	-	64	4.79E-06	2	1340.699	7.81	Salivary gland	2L:-:19772264-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_67938	ALELDCLR	AGAP005728-PA	C6(Carbamidomethyl)	49	0.000211971	2	989.508	-0.83	Salivary gland	2L:-:19771925-19771902	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_68719	YAGVTQFEATDAR	AGAP005728-PA	-	105	3.94E-10	1	1428.677	0.95	Malpighian tubule	2L:-:19772624-19772586	exon=> In CDS Exon 2 of transcript AGAP005728-PA

JHU_Ag_68909	INPGTIGYYR	AGAP005728-PA	-	53	6.85E-05	2	1153.602	1.66	Salivary gland	2L:-:19771406-19771377	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_69907	LGLIDDLFALVQAGK	AGAP005728-PA	-	108	4.52E-11	1	1572.908	5.07	Ovary	2L:-:19771301-19771257	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_72517	ALELDCLR	AGAP005728-PA	C6(Carbamidomethyl)	42	0.001053718	1	989.510	1.95	Male reproductive organs	2L:-:19771925-19771902	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_73234	ATDLHEEKDR	AGAP005728-PA	-	40	0.001102702	1	1213.588	5.77	Malpighian tubule	2L:-:19770706-19770677	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_74175	YLTENFSTEER	AGAP005728-PA	-	74	3.76E-07	2	1388.634	0.5	Midgut	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_74785	GMNLYLTR	AGAP005728-PA	-	47	0.000212938	2	967.503	-0.4	Midgut	2L:-:19771766-19771743	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_75429	YLTENFSTEER	AGAP005728-PA	-	43	0.000494782	2	1388.636	2.53	Visceras	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_75575	LQLLLAHTPAEK	AGAP005728-PA	-	37	0.000548201	2	1333.787	2.46	Salivary gland	2L:-:19771095-19771060	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_75950	GMNLYLTR	AGAP005728-PA	M2(Oxidation)	51	6.76E-05	2	983.498	0.24	Malpighian tubule	2L:-:19771766-19771743	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_76165	LGWDVKPGESHLDTLLR	AGAP005728-PA	-	100	1.05E-09	1	1936.028	-0.63	Male reproductive organs	2L:-:19771011-19770961	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_76336	SKYFSPTGEER	AGAP005728-PA	-	37	0.002565484	1	1300.622	3.58	Malpighian tubule	2L:-:19772657-19772625	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_76753	RDLDAISAYLK	AGAP005728-PA	-	43	0.000533376	2	1264.690	0.38	Malpighian tubule	2L:-:19770316-19770284	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_79276	LQLLLAHTPAEKQFSEYGVR	AGAP005728-PA	-	79	6.02E-08	1	2300.251	5.05	Malpighian tubule	2L:-:19771095-19771036	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_79416	SKYFSPTGEER	AGAP005728-PA	-	33	0.006371912	1	1300.620	2.45	Ovary	2L:-:19772657-19772625	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_79498	INPGTIGYYR	AGAP005728-PA	-	47	0.000242387	1	1153.599	-1.2	Pupa	2L:-:19771406-19771377	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_79648	YAGVTQFEATDARR	AGAP005728-PA	-	41	0.001236439	1	1584.782	3.33	Malpighian tubule	2L:-:19772624-19772583	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_81837	LPTNVVPEHYR	AGAP005728-PA	-	57	2.00E-05	1	1324.701	0.46	Pupa	2L:-:19782379-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_83294	DYFNIAYPLPK	AGAP005728-PA	-	61	8.91E-06	2	1340.695	4.62	Midgut	2L:-:19772264-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_84400	MLHHYIGDEDFK	AGAP005728-PA	M1(Oxidation)	67	1.55E-06	1	1520.680	-2.38	Head	2L:-:19771805-19771770	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_84458	DLDAISAYLK	AGAP005728-PA	-	81	1.04E-07	1	1108.589	0.8	Malpighian tubule	2L:-:19770313-19770284	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_84719	YFSPTGEER	AGAP005728-PA	-	35	0.0019448	2	1085.491	1.41	Malpighian tubule	2L:-:19772651-19772625	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_85808	TQYPAEMLEQFLPAIK	AGAP005728-PA	M7(Oxidation)	67	2.94E-06	2	1894.961	-0.6	Midgut	2L:-:19771376-19771329	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_88483	LYQPVAEKLGWDVKPGESHLDTLLR	AGAP005728-PA	-	40	0.000471596	1	2864.543	4.49	Malpighian tubule	2L:-:19771035-19770961	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_88832	LPTNVVPEHYR	AGAP005728-PA	-	63	5.42E-06	1	1324.700	-0.98	Salivary gland	2L:-:19782379-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_89690	LQLLLAHTPAEK	AGAP005728-PA	-	83	1.28E-08	1	1333.790	4.75	Malpighian tubule	2L:-:19771095-19771060	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_89862	LQLLLAHTPAEK	AGAP005728-PA	-	61	1.78E-06	1	1333.786	1.37	Midgut	2L:-:19771095-19771060	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_93199	DYFNIAYPLPK	AGAP005728-PA	-	59	1.27E-05	2	1340.689	0.62	Male reproductive organs	2L:-:19772264-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_93523	LGWDVKPGESHLDTLLR	AGAP005728-PA	-	94	3.66E-09	1	1936.039	5.33	Malpighian tubule	2L:-:19771011-19770961	exon=> In CDS Exon 3 of transcript AGAP005728-PA

JHU_Ag_94025	ETFVLVDPENTSLIR	AGAP005728-PA	-	85	3.54E-08	1	1732.917	2.82	Head	2L:-:19772162-19772118	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_94790	ITLNALDLK	AGAP005728-PA	-	39	0.000891746	1	1000.605	0.9	Midgut	2L:-:19772861-19772835	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_94931	DLDAISAYLKQQEAEGH	AGAP005728-PA	-	129	1.97E-12	1	1887.917	4.53	Malpighian tubule	2L:-:19770313-19770263	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_95143	GMNLYLTR	AGAP005728-PA	M2(Oxidation)	52	5.53E-05	2	983.498	0.24	Salivary gland	2L:-:19771766-19771743	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_95405	AKEVEQFFR	AGAP005728-PA	-	47	0.000233833	1	1153.600	0.04	Salivary gland	2L:-:19770421-19770395	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_95525	NSHPIEVPVGHPSEIDEIFDEISYNK	AGAP005728-PA	-	91	1.23E-08	1	2965.431	3.21	Head	2L:-:19771901-19771824	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_96209	MGFPVVQVR	AGAP005728-PA	M1(Oxidation)	34	0.004790268	2	1048.561	0.55	Malpighian tubule	2L:-:19771643-19771617	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_96572	DLDAISAYLKQQEAEGH	AGAP005728-PA	-	72	9.24E-07	1	1887.913	2.59	Ovary	2L:-:19770313-19770263	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_97278	ALELDCLR	AGAP005728-PA	C6(Carbamidomethyl)	38	0.002885872	2	989.508	-0.52	Midgut	2L:-:19771925-19771902	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_97435	LQLLLAHTPAEK	AGAP005728-PA	-	43	0.000122445	1	1333.786	1.55	Ovary	2L:-:19771095-19771060	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_98956	ALGSIGNVDILR	AGAP005728-PA	-	66	1.61E-06	2	1227.707	0.98	Pupa	2L:-:19770667-19770632	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_100882	MLHHYIGDEDFKR	AGAP005728-PA	M1(Oxidation)	49	0.000182246	1	1676.788	1.7	Malpighian tubule	2L:-:19771805-19771767	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_101411	YLTENFSTEER	AGAP005728-PA	-	68	1.96E-06	1	1388.636	2	Malpighian tubule	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_102879	TQYPAEMLEQFLPAIK	AGAP005728-PA	M7(Oxidation)	40	0.001565216	2	1894.960	-1.18	Head	2L:-:19771376-19771329	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_104035	MGFPVVQVR	AGAP005728-PA	M1(Oxidation)	65	3.62E-06	2	1032.566	0.48	Midgut	2L:-:19771643-19771617	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_104405	TQYPAEMLEQFLPAIK	AGAP005728-PA	M7(Oxidation)	61	9.84E-06	2	1894.969	3.52	Malpighian tubule	2L:-:19771376-19771329	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_104707	VLPYYKDYFNIAYPLPK	AGAP005728-PA	-	84	3.20E-08	2	2104.125	4.57	Malpighian tubule	2L:-:19772282-19772232	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_105882	YAGVTQFEATDAR	AGAP005728-PA	-	71	9.80E-07	2	1428.674	-1.35	Midgut	2L:-:19772624-19772586	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_106580	YLTENFSTEER	AGAP005728-PA	-	58	1.56E-05	2	1388.633	0.07	Pupa	2L:-:19770454-19770422	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_112134	LGWDVKPGESHLDTLLR	AGAP005728-PA	-	108	1.60E-10	1	1936.030	0.88	Midgut	2L:-:19771011-19770961	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_112251	LPTNVVPEHYR	AGAP005728-PA	-	60	1.10E-05	1	1324.700	-0.64	Malpighian tubule	2L:-:19782379-19782347	exon=> In CDS Exon 1 of transcript AGAP005728-PA
JHU_Ag_113709	ITLNALDLK	AGAP005728-PA	-	64	1.97E-06	2	1000.606	2.48	Salivary gland	2L:-:19772861-19772835	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_113712	ITLNALDLK	AGAP005728-PA	-	35	0.001416487	2	1000.607	2.9	Pupa	2L:-:19772861-19772835	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_114045	TVSQSIETIR	AGAP005728-PA	-	59	1.79E-05	1	1133.619	2.81	Malpighian tubule	2L:-:19770367-19770338	exon=> In CDS Exon 4 of transcript AGAP005728-PA
JHU_Ag_114149	LGLIDDLFALVQAGK	AGAP005728-PA	-	107	6.00E-11	1	1572.901	1.11	Malpighian tubule	2L:-:19771301-19771257	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_115634	LGLIDDLFALVQAGK	AGAP005728-PA	-	117	5.84E-12	1	1572.902	1.66	Midgut	2L:-:19771301-19771257	exon=> In CDS Exon 2 of transcript AGAP005728-PA
JHU_Ag_115662	LGWDVKPGESHLDTLLR	AGAP005728-PA	-	107	2.00E-10	1	1936.029	0.22	Pupa	2L:-:19771011-19770961	exon=> In CDS Exon 3 of transcript AGAP005728-PA
JHU_Ag_116728	TQYPAEMLEQFLPAIK	AGAP005728-PA	M7(Oxidation)	58	2.17E-05	1	1894.965	1.79	Male reproductive organs	2L:-:19771376-19771329	exon=> In CDS Exon 2 of transcript AGAP005728-PA

JHU_Ag_24294	LEQLGEGSYATVFK	AGAP005729-PA	-	62	8.25E-06	2	1541.787	1.46	Salivary gland	2L:-:19802558-19802517	exon=> In CDS Exon 4 of transcript AGAP005729-PA
JHU_Ag_32284	GYSNLTNQVVALK	AGAP005729-PA	-	42	0.000759318	2	1406.765	1.03	Salivary gland	2L:-:19802516-19802597,19795658-19795805	exon=> In CDS Exon 5 and 4 of transcript AGAP005729-PA
JHU_Ag_53523	LQEEEGAPFTAIR	AGAP005729-PA	-	43	0.000816289	2	1460.740	1.1	Salivary gland	2L:-:19795795-19795757	exon=> In CDS Exon 5 of transcript AGAP005729-PA
JHU_Ag_57566	ILNLEK	AGAP005731-PB,AGAP005731-PA	N3(Deamidated)	43	0.00065875	2	730.445	14.61	Pupa	2L:-:19924393-19924376;2L:-:19924393-19924376	exon=> In CDS Exon 3 of transcript AGAP005731-PB;exon=> In CDS Exon 3 of transcript AGAP005731-PA
JHU_Ag_106479	ILNLEK	AGAP005731-PB,AGAP005731-PA	N3(Deamidated)	33	0.006587499	2	730.445	14.61	Head	2L:-:19924393-19924376;2L:-:19924393-19924376	exon=> In CDS Exon 3 of transcript AGAP005731-PB;exon=> In CDS Exon 3 of transcript AGAP005731-PA
JHU_Ag_29171	EKNIQK	AGAP005732-PA	N3(Deamidated), Q5(Deamidated)	39	0.002660929	2	761.403	-0.66	Head	2L:+:19928176-19928182,19928254-19928264	exon=> In CDS Exon 3 and 4 of transcript AGAP005732-PA
JHU_Ag_73033	VFLVGVR	AGAP005736-PA	-	36	0.00034067	2	789.498	0.28	Male reproductive organs	2L:+:19970957-19970977	exon=> In CDS Exon 2 of transcript AGAP005736-PA
JHU_Ag_114631	LDFVQIDLR	AGAP005736-PA	-	60	1.20E-05	2	1118.622	1.02	Visceras	2L:+:19971299-19971325	exon=> In CDS Exon 3 of transcript AGAP005736-PA
JHU_Ag_76071	VAPTTLSSANVER	AGAP005738-PA	-	45	0.000391675	1	1344.716	2.73	Malpighian tubule	2L:-:20031168-20031130	exon=> In CDS Exon 4 of transcript AGAP005738-PA
JHU_Ag_2330	NYSTINPNRPPR	AGAP005739-PA	-	60	1.24E-05	1	1428.734	0.01	Head	2L:+:20060574-20060609	exon=> In CDS Exon 7 of transcript AGAP005739-PA
JHU_Ag_8634	DVTPSDVEPPSSFTNGGFSAK	AGAP005739-PA	N15(Deamidated)	69	1.50E-06	1	2139.974	1.11	Head	2L:+:20059742-20059804	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_13655	VPGNDEGDTISMEELQK	AGAP005739-PA	M12(Oxidation)	65	3.66E-06	2	1877.848	2.54	Head	2L:+:20057618-20057668	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_21643	FLQYTGSELDER	AGAP005739-PA	-	66	3.38E-06	2	1457.689	-0.94	Head	2L:+:20058671-20058706	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_50451	VNYTDFSTYPR	AGAP005739-PA	-	85	3.91E-08	2	1362.639	4.94	Head	2L:+:20058461-20058493	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_67302	DGAAPLASPEVVTTPELEK	AGAP005739-PA	-	100	1.11E-09	1	1923.995	2.25	Head	2L:+:20057972-20058028	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_68065	HFLDEHPAIR	AGAP005739-PA	-	63	8.14E-06	1	1234.626	-5.18	Head	2L:+:20049590-20049619	exon=> In CDS Exon 4 of transcript AGAP005739-PA
JHU_Ag_71443	DHHYEDIDDFEPQPK	AGAP005739-PA	-	58	1.07E-05	1	1884.804	0.13	Head	2L:+:20050214-20050258	exon=> In CDS Exon 4 of transcript AGAP005739-PA
JHU_Ag_72482	GAESLIGGIIDRPPIPGR	AGAP005739-PA	-	73	1.81E-07	1	1818.025	0.83	Head	2L:+:20060273-20060326	exon=> In CDS Exon 6 of transcript AGAP005739-PA
JHU_Ag_80767	GVLEEIDDDEFFLR	AGAP005739-PA	-	74	6.52E-07	1	1696.813	3.53	Head	2L:+:20059187-20059228	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_89902	NIPVQK	AGAP005739-PA	-	33	0.002389138	1	698.422	3.9	Salivary gland	2L:+:20048377-20048394	exon=> In CDS Exon 3 of transcript AGAP005739-PA
JHU_Ag_92796	FLTEKPDFSK	AGAP005739-PA	-	43	0.000512901	1	1211.633	1.87	Head	2L:+:20058302-20058331	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_100964	EASPSGATSAASPSDASMMGDAPTTK	AGAP005739-PA	M18(Oxidation), M19(Oxidation)	62	2.58E-06	1	2457.045	2.24	Head	2L:+:20058383-20058460	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_102043	AEFEGPELAVTEEQK	AGAP005739-PA	-	79	2.25E-07	2	1676.802	0.57	Head	2L:+:20058749-20058793	exon=> In CDS Exon 5 of transcript AGAP005739-PA
JHU_Ag_4593	APEEEMIDLASHLDHYSVAASK	AGAP005740-PA	-	56	4.17E-05	1	2413.141	3.04	Head	2L:+:20056651-20056716	exon=> In CDS Exon 1 of transcript AGAP005740-PA
JHU_Ag_45300	TTEQQHIDELHK	AGAP005741-PA	-	34	0.005893823	2	1478.721	-1.9	Head	2L:+:20062595-20062630	exon=> In CDS Exon 1 of transcript AGAP005741-PA

JHU_Ag_47662	NVEIAPNVIEEIVER	AGAP005741-PA	-	80	8.72E-08	2	1723.929	3.87	Head	2L:+:20062544-20062588	exon=> In CDS Exon 1 of transcript AGAP005741-PA
JHU_Ag_57531	RPDGSDHHDLDGGAER	AGAP005741-PA	-	79	9.65E-08	1	1733.752	-3.94	Head	2L:+:20061920-20061967	exon=> In CDS Exon 1 of transcript AGAP005741-PA
JHU_Ag_58142	ATVAAVQAASNGPAADATPQQDGAVK	AGAP005741-PA	-	99	1.91E-09	1	2409.202	0.48	Head	2L:+:20063183-20063260	exon=> In CDS Exon 1 of transcript AGAP005741-PA
JHU_Ag_58268	LRELEIQR	AGAP005741-PA	-	29	0.00761927	1	1056.614	-2.36	Head	2L:+:20063105-20063128	exon=> In CDS Exon 1 of transcript AGAP005741-PA
JHU_Ag_59629	QLLEQQNQQLLETQQLK	AGAP005741-PA	-	72	5.03E-07	1	2082.118	-0.28	Head	2L:+:20062718-20062768	exon=> In CDS Exon 1 of transcript AGAP005741-PA
JHU_Ag_65211	AHDGDQLEGALNR	AGAP005741-PA	-	122	8.79E-12	1	1395.657	-2.81	Head	2L:+:20062097-20062135	exon=> In CDS Exon 1 of transcript AGAP005741-PA
JHU_Ag_66148	LHQEQLEDLRR	AGAP005741-PA	-	80	1.32E-07	1	1436.753	-5.24	Head	2L:+:20062631-20062663	exon=> In CDS Exon 1 of transcript AGAP005741-PA
JHU_Ag_23423	LLDANEQYILIGAR	AGAP005742-PA,AGAP005742-PB	-	93	4.53E-09	1	1588.870	0.56	Male reproductive organs	2L:-:20072337-20072296;2L:-:20072337-20072296	exon=> In CDS Exon 2 of transcript AGAP005742-PA;exon=> In CDS Exon 2 of transcript AGAP005742-PB
JHU_Ag_37986	IINTLQYQPKPDTFVK	AGAP005742-PA,AGAP005742-PB	-	88	5.72E-09	1	1905.051	1.75	Male reproductive organs	2L:-:20070516-20071538,20069309-20069464;2L:-:20070516-20071538,20069309-20069464	exon=> In CDS Exon 4 and 3 of transcript AGAP005742-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP005742-PB
JHU_Ag_51393	DNIDFDYKDR	AGAP005742-PA,AGAP005742-PB	-	51	5.42E-05	1	1300.581	0.58	Male reproductive organs	2L:-:20069086-20069057;2L:-:20069086-20069057	exon=> In CDS Exon 5 of transcript AGAP005742-PA;exon=> In CDS Exon 5 of transcript AGAP005742-PB
JHU_Ag_55249	IISLPLHTCNEHSFK	AGAP005742-PA,AGAP005742-PB	C9(Carbamidomethyl)	54	4.19E-05	1	1795.921	2.81	Male reproductive organs	2L:-:20070939-20070895;2L:-:20070939-20070895	exon=> In CDS Exon 3 of transcript AGAP005742-PA;exon=> In CDS Exon 3 of transcript AGAP005742-PB
JHU_Ag_56979	LSAIAVDPQVK	AGAP005742-PA,AGAP005742-PB	-	43	0.000263009	1	1140.664	1.11	Male reproductive organs	2L:-:20071182-20071150;2L:-:20071182-20071150	exon=> In CDS Exon 3 of transcript AGAP005742-PA;exon=> In CDS Exon 3 of transcript AGAP005742-PB
JHU_Ag_76740	YDVIFVGTNDGK	AGAP005742-PA,AGAP005742-PB	-	66	2.82E-06	1	1327.653	-0.3	Male reproductive organs	2L:-:20071131-20071096;2L:-:20071131-20071096	exon=> In CDS Exon 3 of transcript AGAP005742-PA;exon=> In CDS Exon 3 of transcript AGAP005742-PB
JHU_Ag_81278	DCKPIDEVHASGAPIDQFYQR	AGAP005742-PA,AGAP005742-PB	C2(Carbamidomethyl)	96	3.33E-09	1	2446.147	0.59	Male reproductive organs	2L:-:20070834-20070772;2L:-:20070834-20070772	exon=> In CDS Exon 3 of transcript AGAP005742-PA;exon=> In CDS Exon 3 of transcript AGAP005742-PB
JHU_Ag_86001	FVNILSANTSDDVR	AGAP005742-PA,AGAP005742-PB	-	60	1.50E-05	2	1550.782	0.52	Male reproductive organs	2L:-:20071086-20071045;2L:-:20071086-20071045	exon=> In CDS Exon 3 of transcript AGAP005742-PA;exon=> In CDS Exon 3 of transcript AGAP005742-PB
JHU_Ag_100743	ALVNFVK	AGAP005742-PA,AGAP005742-PB	-	33	0.001439296	1	790.482	-0.65	Male reproductive organs	2L:-:20071281-20071261;2L:-:20071281-20071261	exon=> In CDS Exon 3 of transcript AGAP005742-PA;exon=> In CDS Exon 3 of transcript AGAP005742-PB
JHU_Ag_1332	YGFQPVEGDLVYADR	AGAP005743-PA	-	48	0.000247054	2	1728.832	5.13	Ovary	2L:+:20163363-20163407	exon=> In CDS Exon 2 of transcript AGAP005743-PA
JHU_Ag_7572	YANPTDTLILSDLEK	AGAP005743-PA	-	90	1.15E-08	2	1692.871	1.19	Ovary	2L:+:20163807-20163851	exon=> In CDS Exon 2 of transcript AGAP005743-PA

JHU_Ag_13829	YTMFDIVLPLPGHDITYPDNECAR	AGAP005743-PA	M3(Oxidation), C22(Carbamidomethyl)	43	0.000651 651	1	2853.321	-0.55	Ovary	2L:+:20163600-20163671	exon=> In CDS Exon 2 of transcript AGAP005743-PA
JHU_Ag_93389	SLSLAGAYRK	AGAP005743-PA	-	36	0.001666 308	1	1065.608	2.97	Malpighian tubule	2L:+:20163735-20163764	exon=> In CDS Exon 2 of transcript AGAP005743-PA
JHU_Ag_97306	GFINYYGLQR	AGAP005743-PA	-	46	0.000314 292	1	1230.628	0.91	Ovary	2L:+:20162985-20163014	exon=> In CDS Exon 2 of transcript AGAP005743-PA
JHU_Ag_105733	AVFGAAVVGSTVTEGDRK	AGAP005743-PA	-	37	0.002282 232	2	1763.927	-1.17	Ovary	2L:+:20162520-20162573	exon=> In CDS Exon 2 of transcript AGAP005743-PA
JHU_Ag_113023	LFCAPSVLTYAGTK	AGAP005743-PA	C3(Carbamidomethyl)	45	0.000487 545	1	1527.790	1.44	Ovary	2L:+:20162715-20162756	exon=> In CDS Exon 2 of transcript AGAP005743-PA
JHU_Ag_698	TLPNMEELFLR	AGAP005744-PA	-	38	0.002314 595	2	1362.711	1.61	Visceras	2L:+:20167825-20167857	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_2075	RLLGLEVLDLSGTEVAEDETIK	AGAP005744-PA	-	84	2.11E-08	1	2400.300	5.63	Midgut	2L:+:20167594-20167659	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_5631	DASMTDLSVTDIRR	AGAP005744-PA	-	52	0.000124 668	1	1579.775	0.03	Midgut	2L:+:20167858-20167899	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_7419	ERDIEAPGQSSSCPQGYDNVEGLCCK	AGAP005744-PA	C13(Carbamidomethyl), C24(Carbamidomethyl), C25(Carbamidomethyl)	82	2.71E-08	1	2956.251	0.08	Midgut	2L:+:20167984-20168061	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_7937	RLPIPSSDNQMQDL	AGAP005744-PA	M11(Oxidation)	51	0.000127 975	1	1629.792	1.22	Salivary gland	2L:+:20168332-20168373	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_9671	GAPEPVFENSASTK	AGAP005744-PA	-	42	0.001271 971	2	1433.691	0.14	Pupa	2L:+:20167306-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_13545	RLPIPSSDNQMQDL	AGAP005744-PA	M11(Oxidation)	41	0.001126 937	1	1629.792	1.29	Head	2L:+:20168332-20168373	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_13591	LTTLSLR	AGAP005744-PA	-	43	0.000171 518	2	803.499	0.1	Salivary gland	2L:+:20167537-20167557	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_14422	DASMTDLSVTDIR	AGAP005744-PA	M4(Oxidation)	100	1.41E-09	1	1439.675	4.62	Larva	2L:+:20167858-20167896	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_17675	DEFCVFR	AGAP005744-PA	C4(Carbamidomethyl)	43	0.000230 248	2	972.424	-0.5	Salivary gland	2L:+:20167267-20167287	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_17790	TLPNMEELFLR	AGAP005744-PA	M5(Oxidation)	50	0.000149 344	1	1378.704	0.59	Midgut	2L:+:20167825-20167857	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_17992	LEAAYLENDEEMELPSLK	AGAP005744-PA	M12(Oxidation)	120	1.69E-11	1	2109.987	-1.13	Midgut	2L:+:20167711-20167764	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_19952	GAPEPVFENSASTK	AGAP005744-PA	-	67	3.46E-06	1	1433.691	0.05	Male reproductive organs	2L:+:20167306-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_20231	LLVALLAHLK	AGAP005744-PA	-	70	9.79E-09	1	1090.735	0.07	Ovary	2L:+:20167954-20167983	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_22330	GAPEPVFENSASTK	AGAP005744-PA	-	79	2.22E-07	1	1433.690	-0.46	Ovary	2L:+:20167306-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_23369	DASMTDLSVTDIR	AGAP005744-PA	M4(Oxidation)	75	4.35E-07	2	1439.668	-0.38	Salivary gland	2L:+:20167858-20167896	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_25423	VLDVSGNFFTPSNFK	AGAP005744-PA	-	98	2.42E-09	2	1671.846	4.7	Ovary	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_29403	LLVALLAHLK	AGAP005744-PA	-	59	1.28E-07	2	1090.735	0.16	Midgut	2L:+:20167954-20167983	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_33358	ERDIEAPGQSSSCPQGYDNVEGLCCK	AGAP005744-PA	C13(Carbamidomethyl), C24(Carbamidomethyl), C25(Carbamidomethyl)	162	2.66E-16	1	2956.252	0.39	Head	2L:+:20167984-20168061	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_34494	DASMTDLSVTDIRR	AGAP005744-PA	M4(Oxidation)	44	0.000622 479	1	1595.774	3.14	Larva	2L:+:20167858-20167899	exon=> In CDS Exon 1 of transcript AGAP005744-PA

JHU_Ag_34757	TLPNMEELFLR	AGAP005744-PA	M5(Oxidation)	66	3.67E-06	1	1378.709	4.22	Larva	2L:+:20167825-20167857	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_35874	KGAPEPVFENSASTK	AGAP005744-PA	-	36	0.003938304	2	1561.788	1.69	Ovary	2L:+:20167303-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_36445	RLPIPSSDNQMQDL	AGAP005744-PA	M11(Oxidation)	48	0.000278392	1	1629.787	-2.23	Male reproductive organs	2L:+:20168332-20168373	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_41851	LTTLSLR	AGAP005744-PA	-	41	0.000280744	2	803.498	-0.13	Pupa	2L:+:20167537-20167557	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_43655	DNPFADVTSIAK	AGAP005744-PA	-	83	8.72E-08	2	1277.636	-1.06	Midgut	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_45528	ERDIEAPGQSSSCPQGYDNVEGLCCK	AGAP005744-PA	C13(Carbamidomethyl), C24(Carbamidomethyl), C25(Carbamidomethyl)	115	1.37E-11	1	2956.253	0.82	Malpighian tubule	2L:+:20167984-20168061	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_45974	SLQAEGTAGAK	AGAP005744-PA	-	57	2.95E-05	2	1032.535	2.8	Larva	2L:+:20167504-20167536	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_48444	VLDVSGNFFTPSNFK	AGAP005744-PA	-	105	4.68E-10	1	1671.835	-1.58	Midgut	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_48811	RDEFCVFR	AGAP005744-PA	C5(Carbamidomethyl)	34	0.003819472	2	1128.526	0.01	Head	2L:+:20167264-20167287	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_50318	DNPFADVTSIAK	AGAP005744-PA	-	102	9.89E-10	1	1277.644	5.24	Larva	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_51846	SLQAEGTAGAK	AGAP005744-PA	-	46	0.000351503	2	1032.532	-0.39	Salivary gland	2L:+:20167504-20167536	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_54824	VLDVSGNFFTPSNFKLR	AGAP005744-PA	-	101	7.63E-10	1	1941.026	1.74	Malpighian tubule	2L:+:20167765-20167815	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_54976	VLDVSGNFFTPSNFK	AGAP005744-PA	-	97	2.90E-09	2	1671.841	2.14	Pupa	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_56535	RLPIPSSDNQMQDL	AGAP005744-PA	M11(Oxidation)	73	7.21E-07	1	1629.791	0.47	Malpighian tubule	2L:+:20168332-20168373	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_56851	DASMTDLSVTDIR	AGAP005744-PA	M4(Oxidation)	108	2.05E-10	1	1439.667	-1.23	Ovary	2L:+:20167858-20167896	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_57853	LTTLSLR	AGAP005744-PA	-	33	0.001316862	2	803.500	1.77	Ovary	2L:+:20167537-20167557	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_58376	LTTLSLR	AGAP005744-PA	-	45	0.000105514	2	803.498	-0.28	Midgut	2L:+:20167537-20167557	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_59699	DNPFADVTSIAK	AGAP005744-PA	-	80	1.81E-07	2	1277.638	0.56	Pupa	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_60442	LEAAYLENDEEMELPSLK	AGAP005744-PA	M12(Oxidation)	127	3.38E-12	1	2110.000	4.88	Larva	2L:+:20167711-20167764	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_63640	DASMTDLSVTDIR	AGAP005744-PA	M4(Oxidation)	103	8.41E-10	2	1423.676	1.87	Head	2L:+:20167858-20167896	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_64102	GAPEPVFENSASTK	AGAP005744-PA	-	50	0.000177614	2	1433.691	0.05	Salivary gland	2L:+:20167306-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_66059	VLDVSGNFFTPSNFK	AGAP005744-PA	-	89	1.61E-08	2	1671.841	1.93	Male reproductive organs	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_67049	LLGLEVLDLSGTEVAEDETIK	AGAP005744-PA	-	68	1.14E-06	2	2244.206	8.93	Midgut	2L:+:20167597-20167659	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_68921	DASMTDLSVTDIR	AGAP005744-PA	M4(Oxidation)	88	1.97E-08	2	1439.669	0.55	Midgut	2L:+:20167858-20167896	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_69058	VLDVSGNFFTPSNFK	AGAP005744-PA	-	44	0.000541925	2	1671.835	-1.65	Malpighian tubule	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_74878	DNPFADVTSIAK	AGAP005744-PA	-	64	6.72E-06	2	1277.638	0.37	Male reproductive organs	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA

JHU_Ag_77957	DNPFADVTSIAK	AGAP005744-PA	-	75	5.41E-07	2	1277.641	3.24	Malpighian tubule	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_79309	VLDVSGNFFTPSNFK	AGAP005744-PA	-	87	2.92E-08	2	1671.840	1.2	Head	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_79540	RLPIPSSDNQMQDL	AGAP005744-PA	M11(Oxidation)	73	6.81E-07	1	1629.794	2.19	Ovary	2L:+:20168332-20168373	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_79953	LTTLSLRDNPFADVTSIAK	AGAP005744-PA	-	84	2.23E-08	1	2062.125	3.3	Ovary	2L:+:20167537-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_82215	GAPEPVFENSASTK	AGAP005744-PA	-	51	0.000173646	2	1433.696	3.46	Larva	2L:+:20167306-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_83351	LLVALLAHLK	AGAP005744-PA	-	50	8.26E-07	2	1090.737	2.29	Malpighian tubule	2L:+:20167954-20167983	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_83993	LLVALLAHLK	AGAP005744-PA	-	46	4.47E-06	3	1090.735	-0.1	Head	2L:+:20167954-20167983	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_84231	LEAAYLENDEEMELPSLK	AGAP005744-PA	M12(Oxidation)	164	5.83E-16	1	2109.992	1.3	Ovary	2L:+:20167711-20167764	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_86271	VLDVSGNFFTPSNFK	AGAP005744-PA	-	65	3.91E-06	2	1671.834	-2.02	Salivary gland	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_86737	LLGLEVLDLSGTEVAEDETIK	AGAP005744-PA	-	129	1.23E-12	1	2244.183	-1.08	Ovary	2L:+:20167597-20167659	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_87914	LLVALLAHLK	AGAP005744-PA	-	66	2.74E-08	1	1090.738	2.63	Larva	2L:+:20167954-20167983	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_88127	VLDVSGNFFTPSNFK	AGAP005744-PA	-	84	5.19E-08	2	1671.843	3.39	Visceras	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_91414	LEAAYLENDEEMELPSLK	AGAP005744-PA	M12(Oxidation)	127	3.44E-12	1	2109.988	-0.9	Malpighian tubule	2L:+:20167711-20167764	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_91695	DNPFADVTSIAK	AGAP005744-PA	-	55	5.46E-05	2	1277.641	2.76	Visceras	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_92542	LTTLSLRDNPFADVTSIAK	AGAP005744-PA	-	116	1.32E-11	1	2062.122	1.79	Malpighian tubule	2L:+:20167537-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_100428	LTTLSLR	AGAP005744-PA	-	39	0.000262532	2	803.501	2.84	Larva	2L:+:20167537-20167557	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_102488	LEAAYLENDEEMELPSLK	AGAP005744-PA	M12(Oxidation)	112	9.79E-11	1	2109.993	1.53	Head	2L:+:20167711-20167764	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_102776	GAPEPVFENSASTK	AGAP005744-PA	-	50	0.000176961	1	1433.691	0.31	Malpighian tubule	2L:+:20167306-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_103951	DIEAPGQSSSCPQGYDNVEGLCCK	AGAP005744-PA	C11(Carbamidomethyl), C22(Carbamidomethyl), C23(Carbamidomethyl)	83	1.59E-08	2	2671.107	0.17	Head	2L:+:20167990-20168061	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_104600	DNPFADVTSIAK	AGAP005744-PA	-	85	5.70E-08	2	1277.638	0.66	Salivary gland	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_106191	SLQAEGTAGAK	AGAP005744-PA	-	71	1.39E-06	1	1032.532	0.2	Malpighian tubule	2L:+:20167504-20167536	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_107406	LEAAYLENDEEMELPSLK	AGAP005744-PA	M12(Oxidation)	63	7.89E-06	2	2109.992	0.95	Salivary gland	2L:+:20167711-20167764	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_109014	GAPEPVFENSASTK	AGAP005744-PA	-	41	0.001439368	2	1433.690	-0.46	Head	2L:+:20167306-20167347	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_115202	DNPFADVTSIAK	AGAP005744-PA	-	82	1.07E-07	1	1277.636	-1.06	Ovary	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_116212	DNPFADVTSIAK	AGAP005744-PA	-	91	1.45E-08	1	1277.639	1.52	Head	2L:+:20167558-20167593	exon=> In CDS Exon 1 of transcript AGAP005744-PA
JHU_Ag_117203	VLDVSGNFFTPSNFK	AGAP005744-PA	-	85	4.00E-08	2	1671.847	5.65	Larva	2L:+:20167765-20167809	exon=> In CDS Exon 1 of transcript AGAP005744-PA

JHU_Ag_2229	KLYPADPFSK	AGAP005749-PA	-	56	3.11E-05	1	1165.627	1.52	Pupa	2L:-:20198067-20198038	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_2290	KIPYHAIYINLSEKPEWYLEK	AGAP005749-PA	-	91	5.23E-09	1	2634.398	0.34	Head	2L:-:20198244-20198182	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_2292	ILFAADGIPPGAITEFGAGLDIFEKELK	AGAP005749-PA	-	48	6.70E-05	1	2932.584	4.63	Malpighian tubule	2L:-:20197977-20197894	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_2395	AQDRILIER	AGAP005749-PA	-	40	0.000940 31	1	1113.639	1.28	Malpighian tubule	2L:-:20198037-20198011	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_4342	ILFAADGIPPGAITEFGAGLDIFEK	AGAP005749-PA	-	54	2.95E-05	1	2562.351	0.86	Midgut	2L:-:20197977-20197903	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_6396	QSFISTEDHTK	AGAP005749-PA	-	62	9.60E-06	2	1292.614	1.68	Pupa	2L:-:20197627-20197595	exon=> In CDS Exon 3 of transcript AGAP005749-PA
JHU_Ag_6456	VPALEIPGK	AGAP005749-PA	-	53	8.74E-06	2	923.557	0.9	Pupa	2L:-:20198166-20198140	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_8675	QSFISTEDHTK	AGAP005749-PA	-	62	9.18E-06	2	1292.610	-1.34	Midgut	2L:-:20197627-20197595	exon=> In CDS Exon 3 of transcript AGAP005749-PA
JHU_Ag_8703	FAGSVIGPYYR	AGAP005749-PA	-	55	3.56E-05	1	1229.632	0.22	Male reproductive organs	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_10739	FAGSVIGPYYR	AGAP005749-PA	-	59	1.61E-05	1	1229.632	0.77	Head	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_13817	VHLMLDAK	AGAP005749-PA	M4(Oxidation)	46	0.000238 08	1	942.507	-0.81	Ovary	2L:-:20198268-20198245	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_17305	FAGSVIGPYYR	AGAP005749-PA	-	54	5.08E-05	2	1229.633	1.01	Visceras	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_19883	GTPYFGGDKPGMIDYMIWPWCER	AGAP005749-PA	M12(Oxidation), M16(Oxidation), C21(Carbamidomethyl)	57	1.29E-05	1	2808.232	2.32	Male reproductive organs	2L:-:20197887-20197819	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_20898	FAGSVIGPYYR	AGAP005749-PA	-	51	0.000105 579	1	1229.635	2.7	Pupa	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_22242	VPALEIPGK	AGAP005749-PA	-	38	0.000334 989	2	923.562	6.72	Malpighian tubule	2L:-:20198166-20198140	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_24299	QSFISTEDHTK	AGAP005749-PA	-	59	2.00E-05	2	1292.611	-0.77	Ovary	2L:-:20197627-20197595	exon=> In CDS Exon 3 of transcript AGAP005749-PA
JHU_Ag_24446	VPALEIPGK	AGAP005749-PA	-	41	0.000263 21	1	923.556	-0.42	Male reproductive organs	2L:-:20198166-20198140	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_30376	KIPYHAIYINLSEKPEWYLEK	AGAP005749-PA	-	88	1.27E-08	1	2634.390	-2.48	Midgut	2L:-:20198244-20198182	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_38429	GTPYFGGDKPGMIDYMIWPWCER	AGAP005749-PA	M12(Oxidation), M16(Oxidation), C21(Carbamidomethyl)	50	5.54E-05	1	2808.221	-1.59	Midgut	2L:-:20197887-20197819	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_38491	GSSPPSLPDDGKLR	AGAP005749-PA	-	62	8.82E-06	1	1425.736	1.64	Male reproductive organs	2L:-:20198989-20199016,20197753-20198305	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_41589	GSSPPSLPDDGKLR	AGAP005749-PA	-	44	0.000547 785	1	1425.733	-0.42	Pupa	2L:-:20198989-20199016,20197753-20198305	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_41618	GTPYFGGDKPGMIDYMIWPWCER	AGAP005749-PA	M12(Oxidation), M16(Oxidation), C21(Carbamidomethyl)	78	1.13E-07	1	2808.241	5.32	Visceras	2L:-:20197887-20197819	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_50797	GSSPPSLPDDGK	AGAP005749-PA	-	47	0.000191 658	2	1156.548	0.02	Pupa	2L:-:20198989-20199016,20197753-20198311	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_58556	GSSPPSLPDDGKLR	AGAP005749-PA	-	51	0.000118 091	1	1425.731	-1.7	Head	2L:-:20198989-20199016,20197753-20198305	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA

JHU_Ag_60850	FAGSVIGPYYR	AGAP005749-PA	-	56	3.03E-05	1	1229.638	5.14	Malpighian tubule	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_61349	KLYPADPFSK	AGAP005749-PA	-	41	0.000832434	2	1165.626	0.37	Salivary gland	2L:-:20198067-20198038	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_62384	FALGDKYELDK	AGAP005749-PA	-	50	0.000142529	2	1298.663	0.11	Head	2L:-:20197803-20197771	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_74380	GSSPPSLPDDGKLR	AGAP005749-PA	-	62	8.15E-06	1	1425.736	1.64	Visceras	2L:-:20198989-20199016,20197753-20198305	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_75318	GTPYFGGDKPGMIDYMIWPWCERVDLLK	AGAP005749-PA	M12(Oxidation), M16(Oxidation), C21(Carbamidomethyl)	44	0.000521354	1	3376.610	7.74	Malpighian tubule	2L:-:20197887-20197804	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_77284	FAGSVIGPYYR	AGAP005749-PA	-	64	5.11E-06	1	1229.633	1.51	Ovary	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_82366	KNGENNYDILA	AGAP005749-PA	-	37	0.002786707	1	1250.600	-0.94	Midgut	2L:-:20197579-20197547	exon=> In CDS Exon 3 of transcript AGAP005749-PA
JHU_Ag_83659	KLYPADPFSK	AGAP005749-PA	-	47	0.000230756	1	1165.627	1.24	Ovary	2L:-:20198067-20198038	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_85898	LYPADPFSK	AGAP005749-PA	-	41	0.001252451	1	1037.531	0.53	Ovary	2L:-:20198064-20198038	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_87180	ELMEKDDAVK	AGAP005749-PA	M3(Oxidation)	53	8.48E-05	1	1193.574	1.67	Ovary	2L:-:20197657-20197628	exon=> In CDS Exon 3 of transcript AGAP005749-PA
JHU_Ag_87680	FAGSVIGPYYR	AGAP005749-PA	-	61	9.69E-06	1	1229.633	1.07	Midgut	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_88368	VHLMLDAK	AGAP005749-PA	M4(Oxidation)	50	9.92E-05	1	942.507	-0.74	Head	2L:-:20198268-20198245	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_89000	GSSPPSLPDDGKLR	AGAP005749-PA	-	74	5.02E-07	1	1425.733	-0.33	Midgut	2L:-:20198989-20199016,20197753-20198305	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_94083	IPYHAIYINLSEKPEWYLEK	AGAP005749-PA	-	132	4.78E-13	1	2506.318	6.47	Ovary	2L:-:20198241-20198182	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_97512	KLYPADPFSK	AGAP005749-PA	-	61	8.27E-06	1	1165.625	-0.26	Male reproductive organs	2L:-:20198067-20198038	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_97777	ILFAADGIPPGAITEFGAGLDIFEK	AGAP005749-PA	-	123	3.84E-12	1	2562.352	0.99	Ovary	2L:-:20197977-20197903	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_100939	VPALEIPGK	AGAP005749-PA	-	54	1.32E-05	1	923.555	-1.15	Ovary	2L:-:20198166-20198140	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_101545	FALGDKYELDK	AGAP005749-PA	-	52	7.36E-05	1	1298.664	1.14	Pupa	2L:-:20197803-20197771	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_102767	GSSPPSLPDDGKLR	AGAP005749-PA	-	74	5.02E-07	1	1425.734	0.69	Malpighian tubule	2L:-:20198989-20199016,20197753-20198305	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_102909	FAGSVIGPYYR	AGAP005749-PA	-	50	0.000132791	2	1229.636	3.39	Salivary gland	2L:-:20198010-20197978	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_102971	KLYPADPFSK	AGAP005749-PA	-	40	0.000979123	1	1165.630	3.72	Malpighian tubule	2L:-:20198067-20198038	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_104793	FALGDKYELDK	AGAP005749-PA	-	73	5.75E-07	1	1298.672	7.16	Midgut	2L:-:20197803-20197771	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_105119	VPALEIPGK	AGAP005749-PA	-	37	0.000403416	1	923.556	-0.01	Midgut	2L:-:20198166-20198140	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_107779	GTPYFGGDKPGMIDYMIWPWCER	AGAP005749-PA	M12(Oxidation), M16(Oxidation), C21(Carbamidomethyl)	49	8.60E-05	1	2808.230	1.61	Head	2L:-:20197887-20197819	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_108312	FALGDKYELDK	AGAP005749-PA	-	64	4.67E-06	1	1298.664	0.76	Malpighian tubule	2L:-:20197803-20197771	exon=> In CDS Exon 2 of transcript AGAP005749-PA

JHU_Ag_115822	GTPYFGGDKPGMIDYMIWPWCER	AGAP005749-PA	M12(Oxidation), M16(Oxidation), C21(Carbamidomethyl)	97	1.25E-09	1	2808.226	0.17	Ovary	2L:-:20197887-20197819	exon=> In CDS Exon 2 of transcript AGAP005749-PA
JHU_Ag_116056	GSSPPSLPDDGKLR	AGAP005749-PA	-	63	6.71E-06	1	1425.733	-0.42	Ovary	2L:-:20198989-20199016,20197753-20198305	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_116445	GSSPPSLPDDGK	AGAP005749-PA	-	43	0.000444909	2	1156.548	0.23	Ovary	2L:-:20198989-20199016,20197753-20198311	exon=> In CDS Exon 2 and 1 of transcript AGAP005749-PA
JHU_Ag_6372	VLETPIYR	AGAP005750-PA	-	38	0.001448151	1	990.562	0.05	Malpighian tubule	2L:-:20201290-20201267	exon=> In CDS Exon 4 of transcript AGAP005750-PA
JHU_Ag_17808	FGFNDMPYIQDIEQR	AGAP005750-PA	M6(Oxidation)	93	5.37E-09	1	1888.858	2.49	Malpighian tubule	2L:-:20201940-20201896	exon=> In CDS Exon 3 of transcript AGAP005750-PA
JHU_Ag_23067	VIMEELVAR	AGAP005750-PA	-	53	6.05E-05	2	1059.587	0.07	Midgut	2L:-:20202563-20202537	exon=> In CDS Exon 2 of transcript AGAP005750-PA
JHU_Ag_28274	VIMEELVAR	AGAP005750-PA	-	54	5.50E-05	2	1059.585	-1.54	Malpighian tubule	2L:-:20202563-20202537	exon=> In CDS Exon 2 of transcript AGAP005750-PA
JHU_Ag_30953	KGAVLFSLGSNIR	AGAP005750-PA	-	36	0.000776327	2	1361.792	1.74	Malpighian tubule	2L:-:20201751-20201713	exon=> In CDS Exon 3 of transcript AGAP005750-PA
JHU_Ag_38389	AIWWIEYVLR	AGAP005750-PA	-	48	0.000164949	2	1348.740	-0.64	Midgut	2L:-:20201206-20201177	exon=> In CDS Exon 4 of transcript AGAP005750-PA
JHU_Ag_43894	ETPFQSLFTFR	AGAP005750-PA	-	46	0.000368241	1	1372.693	2.48	Malpighian tubule	2L:-:20202407-20202375	exon=> In CDS Exon 2 of transcript AGAP005750-PA
JHU_Ag_44436	AYNTYLCLWDAGLRK	AGAP005750-PA	C7(Carbamidomethyl)	93	8.40E-09	2	1843.923	3.53	Malpighian tubule	2L:-:20202092-20202570,20201443-20201983	exon=> In CDS Exon 3 and 2 of transcript AGAP005750-PA
JHU_Ag_51937	VYSTLYEDEGLDLLEVSK	AGAP005750-PA	-	98	2.40E-09	1	2073.031	1.49	Midgut	2L:-:20202461-20202408	exon=> In CDS Exon 2 of transcript AGAP005750-PA
JHU_Ag_52045	IRATVLK	AGAP005750-PA	-	29	0.005061151	2	800.533	-2.7	Head	2L:-:20201311-20201291	exon=> In CDS Exon 4 of transcript AGAP005750-PA
JHU_Ag_70850	VYSTLYEDEGLDLLEVSK	AGAP005750-PA	-	73	7.41E-07	2	2073.030	1.25	Malpighian tubule	2L:-:20202461-20202408	exon=> In CDS Exon 2 of transcript AGAP005750-PA
JHU_Ag_75745	LNLPLPPNVIIRPWLPQNSILNHPR	AGAP005750-PA	-	33	0.000288504	1	2911.684	2.14	Malpighian tubule	2L:-:20201619-20201545	exon=> In CDS Exon 3 of transcript AGAP005750-PA
JHU_Ag_76422	SLIGGVAEPLDFGAMSTEK	AGAP005750-PA	-	109	2.10E-10	1	1921.967	5.03	Malpighian tubule	2L:-:20201368-20201312	exon=> In CDS Exon 4 of transcript AGAP005750-PA
JHU_Ag_82841	TVLMLVNTNPSFDAPEPLPPNVIAIGGAHIK	AGAP005750-PA	M4(Oxidation)	110	5.40E-11	1	3241.714	-4.6	Midgut	2L:-:20201895-20201803	exon=> In CDS Exon 3 of transcript AGAP005750-PA
JHU_Ag_95956	HFAYTPHYALPYGFDMSFAER	AGAP005750-PA	M16(Oxidation)	64	3.95E-06	1	2536.136	-1.1	Midgut	2L:-:20202155-20202093	exon=> In CDS Exon 2 of transcript AGAP005750-PA
JHU_Ag_99744	AYNTYLCLWDAGLR	AGAP005750-PA	C7(Carbamidomethyl)	84	6.11E-08	1	1715.825	2.58	Malpighian tubule	2L:-:20202092-20202570,20201443-20201986	exon=> In CDS Exon 3 and 2 of transcript AGAP005750-PA
JHU_Ag_111605	FGFNDMPYIQDIEQR	AGAP005750-PA	M6(Oxidation)	91	8.79E-09	2	1888.849	-2.3	Midgut	2L:-:20201940-20201896	exon=> In CDS Exon 3 of transcript AGAP005750-PA
JHU_Ag_55724	FEELPSFEVPANVLIR	AGAP005751-PA	-	43	0.000593491	1	1859.991	0.33	Head	2L:-:20204275-20204228	exon=> In CDS Exon 2 of transcript AGAP005751-PA
JHU_Ag_84210	AFLPQNDVLAQPNVK	AGAP005751-PA	-	57	1.61E-05	1	1653.902	3.37	Head	2L:-:20204227-20204183	exon=> In CDS Exon 2 of transcript AGAP005751-PA
JHU_Ag_2021	FGQPPMVGVTGFNTPPYTTDLIGGHK	AGAP005752-PA	M6(Oxidation)	106	3.96E-10	1	2747.363	4.69	Head	2L:-:20206928-20206851	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_5322	ISLWDLTTEK	AGAP005752-PA	-	72	7.51E-07	1	1205.645	2.94	Malpighian tubule	2L:-:20206028-20205999	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_11592	TIQSPTLELGPWR	AGAP005752-PA	-	87	1.68E-08	1	1497.809	1.8	Midgut	2L:-:20205848-20205810	exon=> In CDS Exon 3 of transcript AGAP005752-PA

JHU_Ag_29254	KFLPQNDILAHPHVK	AGAP005752-PA	-	65	1.45E-06	1	1756.986	0.09	Malpighian tubule	2L:-:20206278-20206234	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_32769	GSVLFSLGTNVLSK	AGAP005752-PA	-	89	7.10E-09	2	1421.802	1.5	Head	2L:-:20206443-20206402	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_36537	DQSEHPLER	AGAP005752-PA	-	55	4.32E-05	2	1110.519	1.24	Head	2L:-:20205920-20205894	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_39551	NYIFLPETDR	AGAP005752-PA	-	57	2.82E-05	2	1267.632	0.38	Head	2L:-:20206680-20206651	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_40271	ISLWDLTTEK	AGAP005752-PA	-	73	6.18E-07	1	1205.643	1.72	Head	2L:-:20206028-20205999	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_42697	NYIFLPETDR	AGAP005752-PA	-	55	3.91E-05	2	1267.636	3.65	Malpighian tubule	2L:-:20206680-20206651	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_44846	TIQSPTLELGPWR	AGAP005752-PA	-	90	9.23E-09	1	1497.810	2.94	Malpighian tubule	2L:-:20205848-20205810	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_47177	ALVNALAAR	AGAP005752-PA	-	73	1.83E-07	2	898.549	2.37	Malpighian tubule	2L:-:20207264-20207238	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_57048	AFLQAFQQMPAYNFLWK	AGAP005752-PA	M9(Oxidation)	101	1.18E-09	2	2119.056	4.2	Head	2L:-:20206377-20206327	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_62824	GHNLIVVSPDVER	AGAP005752-PA	-	59	1.35E-05	1	1434.772	1.05	Malpighian tubule	2L:-:20207237-20207199	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_63417	TIQSPTLELGPWR	AGAP005752-PA	-	36	0.002086809	2	1497.808	1.06	Visceras	2L:-:20205848-20205810	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_63563	SELFRDQSEHPLER	AGAP005752-PA	-	94	5.76E-09	1	1742.844	-1.11	Malpighian tubule	2L:-:20205935-20205894	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_66580	ISLWDLTTEK	AGAP005752-PA	-	34	0.004953655	1	1205.643	1.52	Pupa	2L:-:20206028-20205999	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_70421	ISLWDLTTEKIR	AGAP005752-PA	-	48	0.000124723	1	1474.822	-3.18	Malpighian tubule	2L:-:20206028-20205993	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_71820	GVWWVEWALRHPNAK	AGAP005752-PA	-	55	3.66E-05	1	1848.971	2.65	Malpighian tubule	2L:-:20205893-20205849	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_73004	ISLWDLTTEK	AGAP005752-PA	-	40	0.001187343	1	1205.651	7.8	Male reproductive organs	2L:-:20206028-20205999	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_78973	IRNTVLK	AGAP005752-PA	N3(Deamidated)	35	0.003653405	1	844.515	-12.11	Midgut	2L:-:20205998-20205978	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_81984	VLESPR	AGAP005752-PA	-	31	0.003491495	1	700.399	-0.17	Malpighian tubule	2L:-:20205977-20205960	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_85144	FLPQNDILAHPHVK	AGAP005752-PA	-	62	5.17E-06	1	1628.893	1.27	Malpighian tubule	2L:-:20206275-20206234	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_93983	FGQPPMVGVTGFNTPPYTTDLIGGHK	AGAP005752-PA	-	90	1.28E-08	1	2731.366	3.88	Malpighian tubule	2L:-:20206928-20206851	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_96152	KGSVLFSLGTNVLSK	AGAP005752-PA	-	84	8.04E-09	1	1549.901	3.82	Malpighian tubule	2L:-:20206446-20206402	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_97950	FLPQNDILAHPHVK	AGAP005752-PA	-	65	2.55E-06	1	1628.893	1.42	Head	2L:-:20206275-20206234	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_99413	KGSVLFSLGTNVLSK	AGAP005752-PA	-	88	4.27E-09	2	1549.898	1.69	Head	2L:-:20206446-20206402	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_104734	GSVLFSLGTNVLSK	AGAP005752-PA	-	68	7.60E-07	2	1421.804	2.53	Malpighian tubule	2L:-:20206443-20206402	exon=> In CDS Exon 2 of transcript AGAP005752-PA
JHU_Ag_105528	TIQSPTLELGPWR	AGAP005752-PA	-	62	5.21E-06	2	1497.812	3.75	Head	2L:-:20205848-20205810	exon=> In CDS Exon 3 of transcript AGAP005752-PA
JHU_Ag_107954	FGQPPMVGVTGFNTPPYTTDLIGGHK	AGAP005752-PA	M6(Oxidation)	59	1.97E-05	1	2747.349	-0.38	Midgut	2L:-:20206928-20206851	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_108369	ALVNALAAR	AGAP005752-PA	-	47	6.51E-05	2	898.548	1.08	Head	2L:-:20207264-20207238	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_111016	GHNLIVVSPDVER	AGAP005752-PA	-	64	4.33E-06	2	1434.772	1.48	Head	2L:-:20207237-20207199	exon=> In CDS Exon 1 of transcript AGAP005752-PA

JHU_Ag_111381	GHNLIVVSPDVER	AGAP005752-PA	-	76	3.52E-07	1	1434.769	-0.73	Midgut	2L:-:20207237-20207199	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_112740	ALVNALAAR	AGAP005752-PA	-	54	1.42E-05	2	898.549	1.96	Midgut	2L:-:20207264-20207238	exon=> In CDS Exon 1 of transcript AGAP005752-PA
JHU_Ag_10841	FETELGIPLPK	AGAP005753-PA	-	50	0.000114661	2	1243.696	2.51	Head	2L:+:20209738-20209770	exon=> In CDS Exon 4 of transcript AGAP005753-PA
JHU_Ag_81037	FETELGIPLPK	AGAP005753-PA	-	52	6.40E-05	2	1243.693	-0.33	Midgut	2L:+:20209738-20209770	exon=> In CDS Exon 4 of transcript AGAP005753-PA
JHU_Ag_87419	YDDLPYAPELSQR	AGAP005753-PA	-	35	0.005194189	2	1566.744	0.59	Head	2L:+:20209435-20209473	exon=> In CDS Exon 4 of transcript AGAP005753-PA
JHU_Ag_3890	DQLLALK	AGAP005757-PA	-	39	0.001358328	2	800.488	-0.09	Midgut	2L:+:20290873-20290878,20290987-20291001	exon=> In CDS Exon 1 and 2 of transcript AGAP005757-PA
JHU_Ag_19708	IFQLSNVPGACHGDDTLYMFNPGFLPK	AGAP005757-PA	C11(Carbamidomethyl), M19(Oxidation)	102	9.14E-10	1	3054.450	0.24	Midgut	2L:+:20293206-20293267,20293358-20293376	exon=> In CDS Exon 4 and 5 of transcript AGAP005757-PA
JHU_Ag_20230	LGPHGFLYLPAAGIPGNAGLKDQLLALK	AGAP005757-PA	-	110	1.18E-11	1	2844.609	-1.49	Midgut	2L:+:20290810-20290878,20290987-20291001	exon=> In CDS Exon 1 and 2 of transcript AGAP005757-PA
JHU_Ag_21115	FFGYTGDSDQGVLETLQK	AGAP005757-PA	-	70	1.70E-06	2	2004.959	1.95	Malpighian tubule	2L:+:20291333-20291372,20292676-20292689	exon=> In CDS Exon 3 and 4 of transcript AGAP005757-PA
JHU_Ag_23825	YQPNAPHFHYR	AGAP005757-PA	-	43	0.000667085	1	1429.673	-1.84	Midgut	2L:+:20293137-20293169	exon=> In CDS Exon 4 of transcript AGAP005757-PA
JHU_Ag_26254	LGPHGFLYLPAAGIPGNAGLK	AGAP005757-PA	-	43	0.000119658	1	2063.152	4.18	Head	2L:+:20290810-20290872	exon=> In CDS Exon 1 of transcript AGAP005757-PA
JHU_Ag_30798	DIFIALWTSFAK	AGAP005757-PA	-	63	4.69E-06	2	1411.761	-1	Midgut	2L:+:20293410-20293445	exon=> In CDS Exon 5 of transcript AGAP005757-PA
JHU_Ag_35616	LGPHGFLYLPAAGIPGNAGLK	AGAP005757-PA	-	67	7.64E-07	1	2063.142	-1.02	Midgut	2L:+:20290810-20290872	exon=> In CDS Exon 1 of transcript AGAP005757-PA
JHU_Ag_36263	DSADFNLDCLEINTVPR	AGAP005757-PA	N6(Deamidated), C9(Carbamidomethyl)	100	1.14E-09	2	1979.901	-0.09	Midgut	2L:+:20293521-20293571	exon=> In CDS Exon 5 of transcript AGAP005757-PA
JHU_Ag_71406	VICQSGVAVTESFFQVEPEEK	AGAP005757-PA	C3(Carbamidomethyl)	100	1.87E-09	2	2383.150	0.52	Midgut	2L:+:20291252-20291314	exon=> In CDS Exon 3 of transcript AGAP005757-PA
JHU_Ag_83233	FFGYTGDSDQGVLETLQK	AGAP005757-PA	-	44	0.000769245	2	2004.962	3.48	Head	2L:+:20291333-20291372,20292676-20292689	exon=> In CDS Exon 3 and 4 of transcript AGAP005757-PA
JHU_Ag_88874	HQNEAITEAEK	AGAP005757-PA	-	61	1.02E-05	2	1269.606	-0.61	Midgut	2L:+:20292714-20292746	exon=> In CDS Exon 4 of transcript AGAP005757-PA
JHU_Ag_89831	DSADFNLDCLEINTVPR	AGAP005757-PA	C9(Carbamidomethyl)	61	1.23E-05	2	1978.925	3.74	Head	2L:+:20293521-20293571	exon=> In CDS Exon 5 of transcript AGAP005757-PA
JHU_Ag_92060	GVTSTLPNGGQYHYFK	AGAP005757-PA	N8(Deamidated)	52	9.20E-05	1	1769.852	1.27	Midgut	2L:+:20290417-20290464	exon=> In CDS Exon 1 of transcript AGAP005757-PA
JHU_Ag_99338	FFGYTGDSDQGVLETLQK	AGAP005757-PA	-	103	7.54E-10	1	2004.955	-0.24	Midgut	2L:+:20291333-20291372,20292676-20292689	exon=> In CDS Exon 3 and 4 of transcript AGAP005757-PA
JHU_Ag_49785	LLATLLASCLMVNVR	AGAP005760-PB,AGAP005760-PA	C9(Carbamidomethyl)	27	0.005838922	1	1673.967	13.42	Malpighian tubule	2L:-:20328091-20328047;2L:-:20328091-20328047	exon=> In CDS Exon 1 of transcript AGAP005760-PB;exon=> In CDS Exon 2 of transcript AGAP005760-PA
JHU_Ag_47085	HHDEEEPNVFDDEVREEDQK	AGAP005762-PB,AGAP005762-PA	-	25	0.011042516	1	2496.046	-3.51	Head	2L:-:20339861-20339802;2L:-:20339861-20339802	exon=> In CDS Exon 3 of transcript AGAP005762-PB;exon=> In CDS Exon 3 of transcript AGAP005762-PA
JHU_Ag_20748	LQKLLQAK	AGAP005765-PA	Q2(Deamidated), Q6(Deamidated)	31	0.003399296	1	943.586	3.72	Midgut	2L:+:20370847-20370870	exon=> In CDS Exon 4 of transcript AGAP005765-PA

JHU_Ag_26581	LKLAEPPNQR	AGAP005765-PA	-	29	0.007396878	1	1165.660	-7.72	Ovary	2L:+:20365579-20365608	exon=> In CDS Exon 1 of transcript AGAP005765-PA
JHU_Ag_2659	DVFIFHTEEMK	AGAP005766-PA	M10(Oxidation)	75	4.39E-07	1	1395.663	1.34	Pupa	2L:-:20376445-20376413	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_36642	LNHKPFSYTMNVMSDYTGK	AGAP005766-PA	N2(Deamidated), M10(Oxidation), M13(Oxidation),"M10(Oxidation), M13(Oxidation)"	107	2.27E-10	1	2265.038	2.96	Larva	2L:-:20376991-20376935	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_36673	RLNHKPFSYTMNVMSDYTGK	AGAP005766-PA	M11(Oxidation), M14(Oxidation),"N3(Deamidated), M11(Oxidation), M14(Oxidation)"	84	6.01E-08	1	2422.123	2.74	Larva	2L:-:20376994-20376935	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_44414	YFDYAVFAR	AGAP005766-PA	-	71	1.10E-06	2	1151.553	0.74	Salivary gland	2L:-:20377027-20377001	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_61774	YFDYAVFAR	AGAP005766-PA	-	72	7.70E-07	2	1151.555	2.86	Larva	2L:-:20377027-20377001	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_81620	YFDYAVFAR	AGAP005766-PA	-	78	2.04E-07	2	1151.554	1.8	Pupa	2L:-:20377027-20377001	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_83320	LNHKPFSYTMNVMSDYTGK	AGAP005766-PA	M10(Oxidation), N11(Deamidated),M13(Oxidation),N11(Deamidated),"M10(Oxidation), M13(Oxidation)",M10(Oxidation),"N2(Deamidated), M10(Oxidation), M13(Oxidation)"	141	1.07E-13	1	2233.043	0.69	Pupa	2L:-:20376991-20376935	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_93649	RLNHKPFSYTMNVMSDYTGK	AGAP005766-PA	M11(Oxidation), M14(Oxidation),M11(Oxidation),M14(Oxidation),"N3(Deamidated), M11(Oxidation), M14(Oxidation)"	138	2.21E-13	1	2405.139	0.37	Pupa	2L:-:20376994-20376935	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_103347	DVFIFHTEEMK	AGAP005766-PA	M10(Oxidation)	43	0.000599657	2	1411.661	3.11	Larva	2L:-:20376445-20376413	exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_5297	FFDLQFYKK	AGAP005766-PA,AGAP005767-PA	-	64	5.92E-06	1	1235.650	3.43	Salivary gland	2L:-:20376895-20376869;2L:-:20381934-20381908	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_14646	TYEQGYQYDK	AGAP005766-PA,AGAP005767-PA	-	80	7.33E-08	1	1294.557	-0.94	Pupa	2L:-:20376592-20376563;2L:-:20381631-20381602	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_16293	TGAFLEK	AGAP005766-PA,AGAP005767-PA	-	40	0.001428943	1	765.415	0.56	Salivary gland	2L:-:20377825-20377805;2L:-:20383494-20383474	exon=> In CDS Exon 3 of transcript AGAP005766-PA;exon=> In CDS Exon 3 of transcript AGAP005767-PA
JHU_Ag_28016	FYDSLPFGYPFDR	AGAP005766-PA,AGAP005767-PA	-	93	7.22E-09	1	1623.753	3.14	Pupa	2L:-:20376529-20376491;2L:-:20381568-20381530	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA

JHU_Ag_38719	FYDSLPFGYPFDR	AGAP005766-PA,AGAP005767-PA	-	43	0.000806051	2	1623.757	5.63	Larva	2L:-:20376529-20376491;2L:-:20381568-20381530	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_45830	YNDFAQVAEFFDYYK	AGAP005766-PA,AGAP005767-PA	-	130	9.05E-13	1	1919.852	1.71	Pupa	2L:-:20377956-20378078,20377754-20377826;2L:-:20383625-20383747,20383384-20383495	exon=> In CDS Exon 3 and 2 of transcript AGAP005766-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005767-PA
JHU_Ag_48053	GELFSIYNEQYLR	AGAP005766-PA,AGAP005767-PA	-	77	3.61E-07	1	1631.812	3.37	Salivary gland	2L:-:20377804-20377766;2L:-:20383473-20383435	exon=> In CDS Exon 3 of transcript AGAP005766-PA;exon=> In CDS Exon 3 of transcript AGAP005767-PA
JHU_Ag_48652	TFTCGVESGMR	AGAP005766-PA,AGAP005767-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M10(Oxidation)"	81	3.52E-08	1	1260.534	-0.84	Pupa	2L:-:20376562-20376530;2L:-:20381601-20381569	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_57924	GELFSIYNEQYLR	AGAP005766-PA,AGAP005767-PA	Q10(Deamidated),N8(Deamidated)	91	1.31E-08	1	1631.809	1.72	Pupa	2L:-:20377804-20377766;2L:-:20383473-20383435	exon=> In CDS Exon 3 of transcript AGAP005766-PA;exon=> In CDS Exon 3 of transcript AGAP005767-PA
JHU_Ag_61884	TGAFLEK	AGAP005766-PA,AGAP005767-PA	-	51	6.04E-05	2	765.414	-0.56	Pupa	2L:-:20377825-20377805;2L:-:20383494-20383474	exon=> In CDS Exon 3 of transcript AGAP005766-PA;exon=> In CDS Exon 3 of transcript AGAP005767-PA
JHU_Ag_63466	FDRFFDLQFYK	AGAP005766-PA,AGAP005767-PA	-	67	3.42E-06	1	1525.748	0.39	Pupa	2L:-:20376904-20376872;2L:-:20381943-20381911	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_64516	FYDSLPFGYPFDR	AGAP005766-PA,AGAP005767-PA	-	42	0.000848105	2	1623.754	4.05	Salivary gland	2L:-:20376529-20376491;2L:-:20381568-20381530	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_64592	NIHLPLKYDEYIPYTK	AGAP005766-PA,AGAP005767-PA	-	117	1.96E-11	1	2007.064	2.8	Pupa	2L:-:20378028-20377981;2L:-:20383697-20383650	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA
JHU_Ag_68754	GWTSGMPMQFYFIITPYTAK	AGAP005766-PA,AGAP005767-PA	M8(Oxidation),"M6(Oxidation), M8(Oxidation)"	84	5.93E-08	1	2371.119	2.05	Pupa	2L:-:20376652-20376593;2L:-:20381691-20381632	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_70014	TGAFLEKGELFSIYNEQYLR	AGAP005766-PA,AGAP005767-PA	-	102	7.39E-10	1	2378.211	3.37	Pupa	2L:-:20377825-20377766;2L:-:20383494-20383435	exon=> In CDS Exon 3 of transcript AGAP005766-PA;exon=> In CDS Exon 3 of transcript AGAP005767-PA
JHU_Ag_78839	NIHLPLKYDEYIPYTK	AGAP005766-PA,AGAP005767-PA	-	97	2.35E-09	1	2007.063	2.07	Salivary gland	2L:-:20378028-20377981;2L:-:20383697-20383650	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA
JHU_Ag_82794	GWTSGMPMQFYFIITPYTAK	AGAP005766-PA,AGAP005767-PA	M6(Oxidation), M8(Oxidation)	58	1.92E-05	1	2371.112	-0.73	Salivary gland	2L:-:20376652-20376593;2L:-:20381691-20381632	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA

JHU_Ag_83501	TYEQGYQYDKTFTCGVESGMR	AGAP005766-PA,AGAP005767-PA	C14(Carbamidomethyl), M20(Oxidation),C14(Carbamidomethyl)	116	1.33E-11	1	2536.076	0.34	Pupa	2L:-:20376592-20376530;2L:-:20381631-20381569	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_86294	YDEYIPYTK	AGAP005766-PA,AGAP005767-PA	-	56	3.16E-05	1	1191.557	0.08	Pupa	2L:-:20378007-20377981;2L:-:20383676-20383650	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA
JHU_Ag_87374	YADKEFLFK	AGAP005766-PA,AGAP005767-PA	-	75	5.94E-07	1	1160.599	0.1	Pupa	2L:-:20378159-20378246,20377951-20378056;2L:-:20383828-20383915,20383620-20383725	exon=> In CDS Exon 2 and 1 of transcript AGAP005766-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005767-PA
JHU_Ag_88721	FFDLQFYK	AGAP005766-PA,AGAP005767-PA	-	57	2.65E-05	1	1107.551	0.18	Pupa	2L:-:20376895-20376872;2L:-:20381934-20381911	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_89943	FFDLQFYKK	AGAP005766-PA,AGAP005767-PA	Q5(Deamidated)	64	6.48E-06	1	1236.628	-1.21	Pupa	2L:-:20376895-20376869;2L:-:20381934-20381908	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_91387	YFFEIDQYLVDFTAGK	AGAP005766-PA,AGAP005767-PA	-	135	4.97E-13	1	1955.944	0.78	Pupa	2L:-:20376868-20376821;2L:-:20381907-20381860	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_97676	FFDLQFYK	AGAP005766-PA,AGAP005767-PA	-	50	0.000163244	2	1107.554	2.94	Salivary gland	2L:-:20376895-20376872;2L:-:20381934-20381911	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_100736	TWVSDETK	AGAP005766-PA,AGAP005767-PA	-	45	0.000375834	1	965.456	-1.44	Pupa	2L:-:20377980-20377957;2L:-:20383649-20383626	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA
JHU_Ag_101286	YNDFAQVAEFFDYYK	AGAP005766-PA,AGAP005767-PA	-	86	2.43E-08	2	1919.857	4.44	Salivary gland	2L:-:20377956-20378078,20377754-20377826;2L:-:20383625-20383747,20383384-20383495	exon=> In CDS Exon 3 and 2 of transcript AGAP005766-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005767-PA
JHU_Ag_105904	TFTCGVESGMR	AGAP005766-PA,AGAP005767-PA	C4(Carbamidomethyl), M10(Oxidation)	32	0.003298309	1	1260.538	2.35	Larva	2L:-:20376562-20376530;2L:-:20381601-20381569	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_107226	YADKEFLFK	AGAP005766-PA,AGAP005767-PA	-	44	0.000634036	2	1160.598	-0.95	Salivary gland	2L:-:20378159-20378246,20377951-20378056;2L:-:20383828-20383915,20383620-20383725	exon=> In CDS Exon 2 and 1 of transcript AGAP005766-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005767-PA
JHU_Ag_109036	NIHLPLKYDEYIPYTK	AGAP005766-PA,AGAP005767-PA	-	106	3.06E-10	1	2007.059	0.06	Midgut	2L:-:20378028-20377981;2L:-:20383697-20383650	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA

JHU_Ag_22678	IMLGYNGQEK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	M2(Oxidation),"M2(Oxidation),Q8(Deamidated)",N6(Deamidated),"M2(Oxidation),N6(Deamidated)"	73	4.86E-07	1	1169.550	-0.77	Pupa	2L:-:20376742-20376713;2L:-:20381781-20381752;2L:-:20387305-20387276	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_44423	FALDMSEAHCGFPDRLILPK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	C10(Carbamidomethyl),"M5(Oxidation),C10(Carbamidomethyl)"	108	2.55E-10	1	2317.153	2.55	Pupa	2L:-:20376712-20376653;2L:-:20381751-20381692;2L:-:20387275-20387216	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_63716	NIHLPLK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	-	34	0.001606142	1	834.520	0.08	Pupa	2L:-:20378028-20378008;2L:-:20383697-20383677;2L:-:20389237-20389217	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005768-PA
JHU_Ag_75997	FALDMSEAHCGFPDR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	C10(Carbamidomethyl),"M5(Oxidation),C10(Carbamidomethyl)"	98	1.32E-09	1	1752.757	5.46	Salivary gland	2L:-:20376712-20376668;2L:-:20381751-20381707;2L:-:20387275-20387231	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_83430	TMYTDLYKK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	M2(Oxidation)	65	5.95E-06	1	1162.579	-2.06	Pupa	2L:-:20376769-20376743;2L:-:20381808-20381782;2L:-:20387332-20387306	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_87903	NSRDFYWSVK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	N1(Deamidated)	62	7.06E-06	1	1301.628	0.2	Pupa	2L:-:20376805-20376776;2L:-:20381844-20381815;2L:-:20387368-20387339	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_90747	VINFNYFYTK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	N5(Deamidated),N3(Deamidated)	76	4.38E-07	1	1308.665	1.74	Pupa	2L:-:20376490-20376461;2L:-:20381529-20381500;2L:-:20387059-20387030	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_91880	NMYFK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	-	33	0.001834336	1	702.327	-0.93	Pupa	2L:-:20376460-20376446;2L:-:20381499-20381485;2L:-:20387029-20387015	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_93991	VINFNYFYTK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	-	57	3.26E-05	2	1308.670	6.03	Larva	2L:-:20376490-20376461;2L:-:20381529-20381500;2L:-:20387059-20387030	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA

JHU_Ag_95184	DRTMYTDLYK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	M4(Oxidation)	36	0.00268118	1	1321.607	-1.4	Pupa	2L:-:20376775-20376746;2L:-:20381814-20381785;2L:-:20387338-20387309	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_102052	TMYTDLYK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	M2(Oxidation)	57	2.33E-05	1	1050.482	0.58	Pupa	2L:-:20376769-20376746;2L:-:20381808-20381785;2L:-:20387332-20387309	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_102179	DFYWSVK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	-	45	0.000293066	1	944.453	1.38	Pupa	2L:-:20376796-20376776;2L:-:20381835-20381815;2L:-:20387359-20387339	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_103018	KIMLGYNGQEK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	M3(Oxidation), N7(Deamidated),N7(Deamidated),M3(Oxidation)	91	1.01E-08	1	1296.661	-0.78	Pupa	2L:-:20376745-20376713;2L:-:20381784-20381752;2L:-:20387308-20387276	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_105066	DFYWSVKDR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	-	52	6.24E-05	1	1215.580	0.44	Pupa	2L:-:20376796-20376770;2L:-:20381835-20381809;2L:-:20387359-20387333	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_105636	FALDMSEAHCGFPDR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	C10(Carbamidomethyl),"M5(Oxidation), C10(Carbamidomethyl)"	133	3.21E-13	1	1752.750	1.77	Pupa	2L:-:20376712-20376668;2L:-:20381751-20381707;2L:-:20387275-20387231	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_117509	VINFNYFYTK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA	-	70	1.61E-06	1	1308.664	0.99	Salivary gland	2L:-:20376490-20376461;2L:-:20381529-20381500;2L:-:20387059-20387030	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_48247	FFFEVLR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA,AGAP010657-PA	-	55	3.03E-05	1	957.520	0.92	Pupa	2L:-:20378049-20378029;2L:-:20383718-20383698;2L:-:20389258-20389238;3L:-:8115853-8115833	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005768-PA;exon=> In CDS Exon 2 of transcript AGAP010657-PA

JHU_Ag_48426	FFFEVLR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA,AGAP010657-PA	-	39	0.001722725	2	957.523	3.79	Larva	2L:-:20378049-20378029;2L:-:20383718-20383698;2L:-:20389258-20389238;3L:-:8115853-8115833	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005768-PA;exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_75878	QKFFFEVLR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA,AGAP010657-PA	-	61	8.74E-06	3	1213.673	0.12	Pupa	2L:-:20378055-20378029;2L:-:20383724-20383698;2L:-:20389264-20389238;3L:-:8115859-8115833	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005768-PA;exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_100050	FFFEVLR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA,AGAP010657-PA	-	53	4.16E-05	2	957.521	1.87	Salivary gland	2L:-:20378049-20378029;2L:-:20383718-20383698;2L:-:20389258-20389238;3L:-:8115853-8115833	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005768-PA;exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_103825	FFFEVLR	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA,AGAP010657-PA	-	44	0.000353524	2	957.519	-0.23	Midgut	2L:-:20378049-20378029;2L:-:20383718-20383698;2L:-:20389258-20389238;3L:-:8115853-8115833	exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005768-PA;exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_53176	LILPK	AGAP005766-PA,AGAP005767-PA,AGAP005768-PA,AGAP010874-PA	-	27	0.001808918	1	583.418	-0.22	Pupa	2L:-:20376667-20376653;2L:-:20381706-20381692;2L:-:20387230-20387216;3L:+:12342547-12342561	exon=> In CDS Exon 4 of transcript AGAP005766-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 1 of transcript AGAP010874-PA
JHU_Ag_12558	DVFIFHNDEMK	AGAP005767-PA	M10(Oxidation)	62	6.36E-06	1	1410.639	2.52	Larva	2L:-:20381484-20381452	exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_71989	DVFIFHNDEMK	AGAP005767-PA	M10(Oxidation)	67	2.11E-06	1	1410.637	0.62	Pupa	2L:-:20381484-20381452	exon=> In CDS Exon 4 of transcript AGAP005767-PA
JHU_Ag_7432	TGAFLEK	AGAP005767-PA,AGAP005766-PA	-	40	0.001306982	2	765.416	1.99	Larva	2L:-:20383494-20383474;2L:-:20377825-20377805	exon=> In CDS Exon 3 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005766-PA
JHU_Ag_7842	TGAFLEKGELFSIYNEQYLR	AGAP005767-PA,AGAP005766-PA	-	72	7.60E-07	1	2378.218	6.33	Larva	2L:-:20383494-20383435;2L:-:20377825-20377766	exon=> In CDS Exon 3 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005766-PA
JHU_Ag_22515	NIHLPLKYDEYIPYTK	AGAP005767-PA,AGAP005766-PA	-	106	2.47E-10	1	2007.069	5.08	Larva	2L:-:20383697-20383650;2L:-:20378028-20377981	exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005766-PA

JHU_Ag_26516	GWTSGMPMQFYFIITPYTAK	AGAP005767-PA,AGAP005766-PA	M6(Oxidation), M8(Oxidation)	90	1.45E-08	1	2371.126	5.14	Larva	2L:-:20381691-20381632;2L:-:20376652-20376593	exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_26933	YNDFAQVAEFFDYYK	AGAP005767-PA,AGAP005766-PA	-	108	1.59E-10	1	1919.856	3.64	Larva	2L:-:20383625-20383747,20383384-20383495;2L:-:20377956-20378078,20377754-20377826	exon=> In CDS Exon 3 and 2 of transcript AGAP005767-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005766-PA
JHU_Ag_32076	YADKEFLFK	AGAP005767-PA,AGAP005766-PA	-	62	1.20E-05	1	1160.603	3.89	Larva	2L:-:20383828-20383915,20383620-20383725;2L:-:20378159-20378246,20377951-20378056	exon=> In CDS Exon 2 and 1 of transcript AGAP005767-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005766-PA
JHU_Ag_32934	GELFSIYNEQYLR	AGAP005767-PA,AGAP005766-PA	-	84	6.95E-08	1	1631.812	3.67	Larva	2L:-:20383473-20383435;2L:-:20377804-20377766	exon=> In CDS Exon 3 of transcript AGAP005767-PA;exon=> In CDS Exon 3 of transcript AGAP005766-PA
JHU_Ag_44043	TWVSDETKYNDFAQVAEFFDYYK	AGAP005767-PA,AGAP005766-PA	-	83	6.12E-08	1	2866.301	4.58	Larva	2L:-:20383649-20383747,20383384-20383495;2L:-:20377980-20378078,20377754-20377826	exon=> In CDS Exon 3 and 2 of transcript AGAP005767-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005766-PA
JHU_Ag_48566	TYEQGYQYDK	AGAP005767-PA,AGAP005766-PA	-	52	5.36E-05	1	1294.565	5.01	Larva	2L:-:20381631-20381602;2L:-:20376592-20376563	exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_58897	TFTCGVESGMR	AGAP005767-PA,AGAP005766-PA	C4(Carbamidomethyl), M10(Oxidation)	74	1.88E-07	1	1260.539	3.61	Larva	2L:-:20381601-20381569;2L:-:20376562-20376530	exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_76802	YDEYIPYTK	AGAP005767-PA,AGAP005766-PA	-	37	0.002679815	1	1191.561	3.11	Larva	2L:-:20383676-20383650;2L:-:20378007-20377981	exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005766-PA
JHU_Ag_79040	FFDLQFYKK	AGAP005767-PA,AGAP005766-PA	-	59	2.00E-05	1	1235.650	3.03	Larva	2L:-:20381934-20381908;2L:-:20376895-20376869	exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_86837	FFDLQFYK	AGAP005767-PA,AGAP005766-PA	-	50	0.000140229	2	1107.555	3.38	Larva	2L:-:20381934-20381911;2L:-:20376895-20376872	exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_114367	FYDSLPFGYPFDR	AGAP005767-PA,AGAP005766-PA	-	93	7.13E-09	1	1623.756	5.25	Larva	2L:-:20381568-20381530;2L:-:20376529-20376491	exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_3755	GELFWYVHQTLLAR	AGAP005768-PA	-	37	0.002502774	3	1732.918	0.78	Pupa	2L:-:20388262-20388221	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_6202	YYDNLPFGYPFDR	AGAP005768-PA	-	81	9.32E-08	1	1666.758	2.66	Pupa	2L:-:20387098-20387060	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_13074	LSNGMATVQPLAWR	AGAP005768-PA	N3(Deamidated), M5(Oxidation)	66	3.82E-06	2	1560.789	3.45	Larva	2L:-:20388205-20388164	exon=> In CDS Exon 3 of transcript AGAP005768-PA

JHU_Ag_18394	ENNFVLDDDLYKR	AGAP005768-PA	-	93	6.98E-09	1	1640.791	-0.22	Pupa	2L:-:20388097-20388059	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_21457	RLDWVTGWEIK	AGAP005768-PA	-	77	2.52E-07	2	1402.748	-0.07	Pupa	2L:-:20388061-20388029	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_23805	SWVSDESK	AGAP005768-PA	-	64	3.75E-06	1	937.425	-0.84	Pupa	2L:-:20389189-20389166	exon=> In CDS Exon 2 of transcript AGAP005768-PA
JHU_Ag_26108	ALLSNTEYR	AGAP005768-PA	-	53	6.85E-05	1	1066.552	-0.57	Pupa	2L:-:20387869-20387843	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_26715	HMGYIEILSR	AGAP005768-PA	M2(Oxidation)	66	3.79E-06	1	1218.630	0.14	Pupa	2L:-:20387899-20387870	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_27089	FGLIKDR	AGAP005768-PA	-	52	5.87E-05	2	848.498	-1.54	Pupa	2L:-:20388286-20388266	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_28796	LDAYNSLK	AGAP005768-PA	-	42	0.000750452	2	923.482	-1.63	Pupa	2L:-:20388409-20388386	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_35918	TIEDGFYMTDDGQR	AGAP005768-PA	M8(Oxidation)	113	2.69E-11	1	1647.695	-0.15	Pupa	2L:-:20388019-20387978	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_36712	TGYSTMLSYWNGVPFK	AGAP005768-PA	M6(Oxidation)	54	6.22E-05	2	1866.882	4.87	Larva	2L:-:20388151-20388104	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_37929	TGYSTMLSYWNGVPFK	AGAP005768-PA	M6(Oxidation),N11(Deamidated),"M6(Oxidation), N11(Deamidated)"	108	1.59E-10	2	1867.861	1.86	Pupa	2L:-:20388151-20388104	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_41600	KTIEDGFYMTDDGQR	AGAP005768-PA	M9(Oxidation)	89	1.40E-08	2	1775.794	2.06	Pupa	2L:-:20388022-20387978	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_43109	LDWVTGWEIK	AGAP005768-PA	-	79	2.02E-07	1	1246.648	1.42	Pupa	2L:-:20388058-20388029	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_49579	ENNFVLDDDLYK	AGAP005768-PA	-	76	2.85E-07	1	1484.692	0.94	Pupa	2L:-:20388097-20388062	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_51542	RGELFWYVHQTLLAR	AGAP005768-PA	-	50	8.63E-05	1	1889.021	1.47	Pupa	2L:-:20388265-20388221	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_58178	SFSCGVGSGMR	AGAP005768-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M10(Oxidation)"	78	4.52E-08	1	1144.487	-0.62	Pupa	2L:-:20387131-20387099	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_59528	LPESADAFGSIMNVNVDSYGMK	AGAP005768-PA	M12(Oxidation),M21(Oxidation)	128	1.77E-12	1	2345.080	0.61	Pupa	2L:-:20387965-20387900	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_62640	YADKDLLFK	AGAP005768-PA	-	69	1.37E-06	1	1112.598	-0.77	Pupa	2L:-:20389361-20389448,20389160-20389265	exon=> In CDS Exon 2 and 1 of transcript AGAP005768-PA
JHU_Ag_62951	LSNGMATVQPLAWR	AGAP005768-PA	M5(Oxidation),"N3(Deamidated), M5(Oxidation)",Q9(Deamidated),N3(Deamidated)	112	9.25E-11	1	1544.790	0.9	Pupa	2L:-:20388205-20388164	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_64385	GALFTIYNEDHLR	AGAP005768-PA	-	83	9.17E-08	1	1548.782	0.63	Pupa	2L:-:20388763-20388725	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_70256	FESIFDLQYYK	AGAP005768-PA	-	79	1.73E-07	1	1452.706	0.96	Pupa	2L:-:20387467-20387435	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_74701	YFDYAVYAR	AGAP005768-PA	-	61	1.07E-05	2	1167.547	0.39	Pupa	2L:-:20387590-20387564	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_77830	FESIFDLQYYKK	AGAP005768-PA	-	99	1.90E-09	1	1580.804	2.81	Pupa	2L:-:20387467-20387432	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_79233	YYDNLPFGYPFDR	AGAP005768-PA	-	47	0.000216175	1	1666.764	6.03	Larva	2L:-:20387098-20387060	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_79850	DPIFYQLYDR	AGAP005768-PA	-	88	1.92E-08	1	1329.649	1.36	Pupa	2L:-:20387791-20387762	exon=> In CDS Exon 3 of transcript AGAP005768-PA

JHU_Ag_82783	LNHKPFSYTMNVMSNYTGK	AGAP005768-PA	N2(Deamidated), M10(Oxidation), M13(Oxidation), N15(Deamidated),"M10(Oxidation), M13(Oxidation), N15(Deamidated)"	107	2.27E-10	1	2265.038	2.96	Larva	2L:-:20387554-20387498	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_86308	DVLIYHNDDFK	AGAP005768-PA	-	58	2.29E-05	2	1378.663	-0.57	Pupa	2L:-:20387014-20386982	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_96747	FGLIK	AGAP005768-PA	-	30	0.001755694	1	577.371	-0.51	Pupa	2L:-:20388286-20388272	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_100833	YFVEIDQYLVDFTAGK	AGAP005768-PA	-	104	7.24E-10	2	1907.945	1.37	Pupa	2L:-:20387431-20387384	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_101151	LNHKPFSYTMNVMSNYTGK	AGAP005768-PA	N15(Deamidated),"M10(Oxidation), N11(Deamidated), N15(Deamidated)","M10(Oxidation), N15(Deamidated)","M13(Oxidation), N15(Deamidated)","N11(Deamidated), N15(Deamidated)","N2(Deamidated), M10(Oxidation), M13(Oxidation), N15(Deamidated)","M10(Oxidation), M13(Oxidation), N15(Deamidated)"	141	1.07E-13	1	2233.043	0.7	Pupa	2L:-:20387554-20387498	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_106343	SRENNFVLDDDLYK	AGAP005768-PA	-	78	2.19E-07	1	1727.824	0.05	Pupa	2L:-:20388103-20388062	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_108112	NIHLPLKYEEYLPYTK	AGAP005768-PA	-	84	3.23E-08	1	2021.082	3.58	Larva	2L:-:20389237-20389190	exon=> In CDS Exon 2 of transcript AGAP005768-PA
JHU_Ag_110954	FLPSYTYEELNFNGVVIQDVTFDK	AGAP005768-PA	-	47	0.000259633	1	2838.427	13.9	Pupa	2L:-:20387731-20387660	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_114457	FLDIYSYFK	AGAP005768-PA	-	53	7.87E-05	1	1195.605	0.94	Pupa	2L:-:20387761-20387735	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_115037	FGLNANGK	AGAP005768-PA	N6(Deamidated)	60	1.97E-05	2	821.415	-0.18	Pupa	2L:-:20388478-20388455	exon=> In CDS Exon 3 of transcript AGAP005768-PA
JHU_Ag_116001	NIHLPLKYEEYLPYTK	AGAP005768-PA	-	116	2.00E-11	1	2021.076	0.77	Pupa	2L:-:20389237-20389190	exon=> In CDS Exon 2 of transcript AGAP005768-PA
JHU_Ag_2855	DFYWSVK	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA	-	34	0.003227111	2	944.454	2.59	Larva	2L:-:20387359-20387339;2L:-:20381835-20381815;2L:-:20376796-20376776	exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_3051	TMYTDLYK	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA	M2(Oxidation)	50	0.00010909	2	1050.483	1.4	Larva	2L:-:20387332-20387309;2L:-:20381808-20381785;2L:-:20376769-20376746	exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA

JHU_Ag_16210	IMLGYNGQEK	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA	M2(Oxidation)	50	0.000128375	2	1168.570	3	Larva	2L:-:20387305-20387276;2L:-:20381781-20381752;2L:-:20376742-20376713	exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_45096	KIMLGYNGQEK	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA	M3(Oxidation), N7(Deamidated),M3(Oxidation)	68	1.89E-06	1	1297.651	3.73	Larva	2L:-:20387308-20387276;2L:-:20381784-20381752;2L:-:20376745-20376713	exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_72007	FALDMSEAHCGFPDR	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA	M5(Oxidation), C10(Carbamidomethyl)	105	1.36E-10	1	1768.747	3.18	Larva	2L:-:20387275-20387231;2L:-:20381751-20381707;2L:-:20376712-20376668	exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_90098	TMYTDLYKK	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA	M2(Oxidation)	44	0.000725185	2	1178.579	2.28	Larva	2L:-:20387332-20387306;2L:-:20381808-20381782;2L:-:20376769-20376743	exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_100497	VINFNYFYTK	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA	-	71	1.24E-06	1	1308.668	4.07	Larva	2L:-:20387059-20387030;2L:-:20381529-20381500;2L:-:20376490-20376461	exon=> In CDS Exon 3 of transcript AGAP005768-PA;exon=> In CDS Exon 4 of transcript AGAP005767-PA;exon=> In CDS Exon 4 of transcript AGAP005766-PA
JHU_Ag_9688	FFFEVLR	AGAP005768-PA,AGAP005767-PA,AGAP005766-PA,AGAP010657-PA	-	51	6.15E-05	2	957.522	2.77	Larva	2L:-:20389258-20389238;2L:-:20383718-20383698;2L:-:20378049-20378029;3L:-:8115853-8115833	exon=> In CDS Exon 2 of transcript AGAP005768-PA;exon=> In CDS Exon 2 of transcript AGAP005767-PA;exon=> In CDS Exon 2 of transcript AGAP005766-PA;exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_7413	VLETLSGLLNVPK	AGAP005771-PA	-	81	1.92E-08	2	1382.826	0.58	Midgut	2L:-:20416983-20416945	exon=> In CDS Exon 10 of transcript AGAP005771-PA
JHU_Ag_24717	VLETLSGLLNVPK	AGAP005771-PA	-	42	0.000158988	2	1382.826	0.41	Male reproductive organs	2L:-:20416983-20416945	exon=> In CDS Exon 10 of transcript AGAP005771-PA
JHU_Ag_47473	LSSENRNEILTSLLK	AGAP005771-PA	-	37	0.001235526	1	1716.950	0.69	Male reproductive organs	2L:-:20425378-20425334	exon=> In CDS Exon 2 of transcript AGAP005771-PA
JHU_Ag_55914	NPIELFNALYR	AGAP005771-PA	-	45	0.000415414	2	1349.710	-8.52	Male reproductive organs	2L:-:20421372-20421933,20421122-20421263	exon=> In CDS Exon 6 and 5 of transcript AGAP005771-PA
JHU_Ag_68131	ISALQAPANAVVK	AGAP005771-PA	-	37	0.000474423	1	1281.753	0.4	Male reproductive organs	2L:-:20418519-20418481	exon=> In CDS Exon 9 of transcript AGAP005771-PA
JHU_Ag_81467	FGAYSGDQHQTSLSEFTVQK	AGAP005771-PA	-	35	0.00404858	1	2230.032	-4.13	Male reproductive organs	2L:-:20423403-20423344	exon=> In CDS Exon 3 of transcript AGAP005771-PA
JHU_Ag_21039	NRDTLEIVALK	AGAP005772-PA	-	45	0.000217941	1	1271.726	-4.31	Head	2L:+:20428208-20428240	exon=> In CDS Exon 1 of transcript AGAP005772-PA
JHU_Ag_50108	LSAEQAMSHPYFTEN	AGAP005772-PA	M7(Oxidation)	55	1.73E-05	1	1740.755	1	Malpighian tubule	2L:+:20429046-20429090	exon=> In CDS Exon 2 of transcript AGAP005772-PA

JHU_Ag_51589	LLVCRPLLR	AGAP005772-PA	C4(Carbamidomethyl)	24	0.005650557	1	1139.710	1.76	Malpighian tubule	2L:+:20429019-20429045	exon=> In CDS Exon 2 of transcript AGAP005772-PA
JHU_Ag_3023	LWSDSGVQECFCR	AGAP005773-PB,AGAP005773-PA	C10(Carbamidomethyl), C12(Carbamidomethyl)	68	6.74E-07	1	1643.695	0.8	Visceras	2L:-:20464670-20464632;2L:-:20464670-20464632	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_10695	SNEYQLNDSAK	AGAP005773-PB,AGAP005773-PA	-	77	1.90E-07	1	1268.575	-0.68	Midgut	2L:-:20464631-20464599;2L:-:20464631-20464599	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_22643	LFDSICNNK	AGAP005773-PB,AGAP005773-PA	C6(Carbamidomethyl)	58	2.27E-05	2	1110.523	-1.35	Male reproductive organs	2L:-:20437360-20437334;2L:-:20437360-20437334	exon=> In CDS Exon 8 of transcript AGAP005773-PB;exon=> In CDS Exon 8 of transcript AGAP005773-PA
JHU_Ag_26193	SNEYQLNDSAK	AGAP005773-PB,AGAP005773-PA	-	61	9.32E-06	2	1268.577	0.96	Salivary gland	2L:-:20464631-20464599;2L:-:20464631-20464599	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_28640	TTGIVEVHFSFK	AGAP005773-PB,AGAP005773-PA	-	69	1.82E-06	1	1364.722	0.49	Head	2L:-:20438511-20438476;2L:-:20438511-20438476	exon=> In CDS Exon 6 of transcript AGAP005773-PB;exon=> In CDS Exon 6 of transcript AGAP005773-PA
JHU_Ag_39723	LWSDSGVQECFCR	AGAP005773-PB,AGAP005773-PA	C10(Carbamidomethyl), C12(Carbamidomethyl)	81	3.62E-08	2	1643.700	3.4	Salivary gland	2L:-:20464670-20464632;2L:-:20464670-20464632	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_50391	MHDTEPFSEDLLLAMK	AGAP005773-PB,AGAP005773-PA	M15(Oxidation),M1(Oxidation),"M1(Oxidation), M15(Oxidation)"	115	4.11E-11	1	1892.879	0.85	Head	2L:-:20464721-20464674;2L:-:20464721-20464674	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_59374	MVFDVVQR	AGAP005773-PB,AGAP005773-PA	-	37	0.003223799	2	993.517	-1.61	Midgut	2L:-:20464745-20464722;2L:-:20464745-20464722	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_60331	YFLDDLDR	AGAP005773-PB,AGAP005773-PA	-	67	1.88E-06	1	1056.499	-0.93	Ovary	2L:-:20464598-20464815,20438462-20438569;2L:-:20464598-20464815,20438462-20438569	exon=> In CDS Exon 6 and 5 of transcript AGAP005773-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP005773-PA
JHU_Ag_65810	LWSDSGVQECFCR	AGAP005773-PB,AGAP005773-PA	C10(Carbamidomethyl), C12(Carbamidomethyl)	107	9.71E-11	1	1643.694	-0.23	Head	2L:-:20464670-20464632;2L:-:20464670-20464632	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_71933	SNEYQLNDSAK	AGAP005773-PB,AGAP005773-PA	-	67	1.88E-06	1	1268.573	-1.74	Ovary	2L:-:20464631-20464599;2L:-:20464631-20464599	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_79984	DYQPTEQDILR	AGAP005773-PB,AGAP005773-PA	-	49	0.000206408	2	1377.665	0.23	Salivary gland	2L:-:20438556-20438524;2L:-:20438556-20438524	exon=> In CDS Exon 6 of transcript AGAP005773-PB;exon=> In CDS Exon 6 of transcript AGAP005773-PA

JHU_Ag_83408	YFLDDLDR	AGAP005773-PB,AGAP005773-PA	-	35	0.003146383	2	1056.500	0.68	Visceras	2L:-:20464598-20464815,20438462-20438569;2L:-:20464598-20464815,20438462-20438569	exon=> In CDS Exon 6 and 5 of transcript AGAP005773-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP005773-PA
JHU_Ag_84119	LFDVGGQR	AGAP005773-PB,AGAP005773-PA	-	40	0.00156599	2	891.469	0.79	Head	2L:-:20438368-20438345;2L:-:20438368-20438345	exon=> In CDS Exon 7 of transcript AGAP005773-PB;exon=> In CDS Exon 7 of transcript AGAP005773-PA
JHU_Ag_96353	MHDTEPFSEDLLLAMKR	AGAP005773-PB,AGAP005773-PA	M1(Oxidation), M15(Oxidation)	48	0.000205691	1	2064.972	-0.27	Midgut	2L:-:20464721-20464671;2L:-:20464721-20464671	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_103141	LFDSICNNK	AGAP005773-PB,AGAP005773-PA	C6(Carbamidomethyl)	59	1.69E-05	2	1110.524	-0.36	Head	2L:-:20437360-20437334;2L:-:20437360-20437334	exon=> In CDS Exon 8 of transcript AGAP005773-PB;exon=> In CDS Exon 8 of transcript AGAP005773-PA
JHU_Ag_103258	DYQPTEQDILR	AGAP005773-PB,AGAP005773-PA	-	55	5.20E-05	2	1377.669	3.06	Midgut	2L:-:20438556-20438524;2L:-:20438556-20438524	exon=> In CDS Exon 6 of transcript AGAP005773-PB;exon=> In CDS Exon 6 of transcript AGAP005773-PA
JHU_Ag_104037	YFLDDLDR	AGAP005773-PB,AGAP005773-PA	-	45	0.000253879	2	1056.498	-1.28	Male reproductive organs	2L:-:20464598-20464815,20438462-20438569;2L:-:20464598-20464815,20438462-20438569	exon=> In CDS Exon 6 and 5 of transcript AGAP005773-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP005773-PA
JHU_Ag_104430	LWSDSGVQECFCR	AGAP005773-PB,AGAP005773-PA	C10(Carbamidomethyl), C12(Carbamidomethyl)	83	2.48E-08	2	1643.697	1.92	Malpighian tubule	2L:-:20464670-20464632;2L:-:20464670-20464632	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_106662	SNEYQLNDSAK	AGAP005773-PB,AGAP005773-PA	-	66	2.84E-06	1	1268.575	-0.1	Head	2L:-:20464631-20464599;2L:-:20464631-20464599	exon=> In CDS Exon 5 of transcript AGAP005773-PB;exon=> In CDS Exon 5 of transcript AGAP005773-PA
JHU_Ag_110576	DYQPTEQDILR	AGAP005773-PB,AGAP005773-PA	-	71	1.37E-06	1	1377.666	1.29	Head	2L:-:20438556-20438524;2L:-:20438556-20438524	exon=> In CDS Exon 6 of transcript AGAP005773-PB;exon=> In CDS Exon 6 of transcript AGAP005773-PA
JHU_Ag_113638	DYQPTEQDILR	AGAP005773-PB,AGAP005773-PA	-	47	0.000296808	1	1377.663	-1.19	Ovary	2L:-:20438556-20438524;2L:-:20438556-20438524	exon=> In CDS Exon 6 of transcript AGAP005773-PB;exon=> In CDS Exon 6 of transcript AGAP005773-PA

JHU_Ag_6411	LLLLGAGESGK	AGAP005773-PB,AGAP005773-PA,AGAP012095-PA,AGAP005904-PA,AGAP009457-PA	-	74	2.64E-07	1	1057.624	-1.23	Ovary	2L:-:20492876-20492981,20467433-20467456;2L:-:20469711-20469816,20467433-20467456;3L:+:37622069-37622101;2L:+:23576691-23576703,23589104-23589123;3R:+:33798566-33798598	exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PA;exon=> In CDS Exon 2 of transcript AGAP012095-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005904-PA;exon=> In CDS Exon 2 of transcript AGAP009457-PA
JHU_Ag_18422	LLVILAQR	AGAP005775-PA	-	58	8.90E-07	1	925.620	0.54	Salivary gland	2L:+:20499930-20499953	exon=> In CDS Exon 3 of transcript AGAP005775-PA
JHU_Ag_29179	ATSFANFSFER	AGAP005775-PA	N-Term(Acetyl)	50	9.43E-05	2	1318.606	-0.13	Male reproductive organs	2L:+:20498454-20498486	exon=> In CDS Exon 1 of transcript AGAP005775-PA
JHU_Ag_29646	ATSFANFSFER	AGAP005775-PA	N-Term(Acetyl)	38	0.001737934	2	1318.610	2.65	Head	2L:+:20498454-20498486	exon=> In CDS Exon 1 of transcript AGAP005775-PA
JHU_Ag_42423	ATSFANFSFER	AGAP005775-PA	N-Term(Acetyl)	71	7.41E-07	2	1318.605	-0.96	Midgut	2L:+:20498454-20498486	exon=> In CDS Exon 1 of transcript AGAP005775-PA
JHU_Ag_45856	ATSFANFSFER	AGAP005775-PA	N-Term(Acetyl)	62	6.16E-06	2	1318.606	-0.04	Salivary gland	2L:+:20498454-20498486	exon=> In CDS Exon 1 of transcript AGAP005775-PA
JHU_Ag_47413	ATSFANFSFER	AGAP005775-PA	N-Term(Acetyl)	37	0.00210349	2	1318.608	1.45	Pupa	2L:+:20498454-20498486	exon=> In CDS Exon 1 of transcript AGAP005775-PA
JHU_Ag_55983	LLVILAQR	AGAP005775-PA	-	37	0.000106749	2	925.619	0.08	Pupa	2L:+:20499930-20499953	exon=> In CDS Exon 3 of transcript AGAP005775-PA
JHU_Ag_69258	LLVILAQR	AGAP005775-PA	-	40	5.33E-05	2	925.619	-0.45	Midgut	2L:+:20499930-20499953	exon=> In CDS Exon 3 of transcript AGAP005775-PA
JHU_Ag_94205	ATSFANFSFER	AGAP005775-PA	N-Term(Acetyl)	53	5.90E-05	2	1318.612	4.13	Malpighian tubule	2L:+:20498454-20498486	exon=> In CDS Exon 1 of transcript AGAP005775-PA
JHU_Ag_115752	LSQQMGAK	AGAP005775-PA	M5(Oxidation)	41	0.001414746	2	878.440	0.04	Midgut	2L:+:20498487-20498510	exon=> In CDS Exon 1 of transcript AGAP005775-PA
JHU_Ag_15765	NSELINSLLSLPK	AGAP005776-PA	-	78	9.16E-08	2	1427.815	3.24	Head	2L:-:20502145-20502107	exon=> In CDS Exon 2 of transcript AGAP005776-PA
JHU_Ag_17064	IVGIAMEQLAYNYPK	AGAP005777-PA	M6(Oxidation)	47	0.000268619	2	1725.895	3.83	Larva	2L:+:20513743-20513755,20513839-20513870	exon=> In CDS Exon 6 and 7 of transcript AGAP005777-PA
JHU_Ag_55550	IVGIAMEQLAYNYPK	AGAP005777-PA	-	70	1.07E-06	1	1709.907	8.1	Midgut	2L:+:20513743-20513755,20513839-20513870	exon=> In CDS Exon 6 and 7 of transcript AGAP005777-PA
JHU_Ag_58631	ENQYLVGFVLR	AGAP005777-PA	-	42	0.000553371	2	1337.728	5	Midgut	2L:+:20520244-20520276	exon=> In CDS Exon 10 of transcript AGAP005777-PA
JHU_Ag_89738	DLNLALANAR	AGAP005777-PA	-	52	5.09E-05	2	1070.598	2.09	Salivary gland	2L:+:20520280-20520298,20520378-20520388	exon=> In CDS Exon 10 and 11 of transcript AGAP005777-PA
JHU_Ag_107553	RIIDGITGQSLVIFTSAQPVQNLGPSPLK	AGAP005777-PA	-	56	1.81E-06	3	3049.718	4.53	Malpighian tubule	2L:+:20520389-20520475	exon=> In CDS Exon 11 of transcript AGAP005777-PA
JHU_Ag_2013	ILNFCANNYLGLSANHDVINYGKK	AGAP005781-PA	C5(Carbamidomethyl)	104	4.78E-10	1	2738.381	3.38	Malpighian tubule	2L:+:20547882-20547920,20547993-20548025	exon=> In CDS Exon 2 and 3 of transcript AGAP005781-PA
JHU_Ag_2613	LSQFHQR	AGAP005781-PA	-	56	3.69E-05	2	915.480	0.25	Head	2L:+:20548110-20548130	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_4656	VQLSAAHSEEEIDR	AGAP005781-PA	-	102	9.38E-10	1	1583.767	0.83	Head	2L:+:20548920-20548961	exon=> In CDS Exon 3 of transcript AGAP005781-PA

JHU_Ag_7737	ILNFCANNYLGLSANHDVINYGK	AGAP005781-PA	C5(Carbamidomethyl)	41	0.001107998	1	2610.291	5.33	Visceras	2L:+:20547882-20547920,20547993-20548022	exon=> In CDS Exon 2 and 3 of transcript AGAP005781-PA
JHU_Ag_20601	AGFTISGMDHPISPVMLGDAR	AGAP005781-PA	M8(Oxidation), M16(Oxidation)	98	2.22E-09	1	2204.050	1.19	Head	2L:+:20548761-20548823	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_24877	ALDEYGAGLSSVR	AGAP005781-PA	-	109	1.96E-10	1	1337.672	1.53	Malpighian tubule	2L:+:20548026-20548064	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_25553	RGIYVIGFSYPVVPK	AGAP005781-PA	-	65	1.15E-06	1	1694.968	2.76	Malpighian tubule	2L:+:20548857-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_27189	IITTPQATAIGVEGSTGK	AGAP005781-PA	-	88	1.17E-08	1	1743.951	1.39	Male reproductive organs	2L:+:20547828-20547881	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_28400	ELIDLLR	AGAP005781-PA	-	48	0.000136459	2	871.527	2.84	Ovary	2L:+:20548590-20548610	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_29634	LASTFADEMLKR	AGAP005781-PA	M9(Oxidation)	66	2.94E-06	1	1397.709	-0.36	Salivary gland	2L:+:20548824-20548859	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_32213	FICGTQDIHK	AGAP005781-PA	C3(Carbamidomethyl)	40	0.00182342	1	1218.594	0.45	Malpighian tubule	2L:+:20548065-20548094	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_33018	AGFTISGMDHPISPVMLGDAR	AGAP005781-PA	M16(Oxidation),M8(Oxidation),"M8(Oxidation), M16(Oxidation)"	105	4.56E-10	1	2172.063	2.31	Malpighian tubule	2L:+:20548761-20548823	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_37127	CDIINSTLGK	AGAP005781-PA	C1(Carbamidomethyl)	59	2.23E-05	2	1120.567	-0.14	Ovary	2L:+:20548518-20548547	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_40280	YGAVTFVDDCHATGFFGK	AGAP005781-PA	C10(Carbamidomethyl)	130	1.20E-12	1	1991.898	1.33	Ovary	2L:+:20548422-20548475	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_41558	IITTPQATAIGVEGSTGK	AGAP005781-PA	-	126	1.95E-12	1	1743.956	4.12	Salivary gland	2L:+:20547828-20547881	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_43651	KALDEYGAGLSSVR	AGAP005781-PA	-	78	2.01E-07	1	1465.768	2.56	Malpighian tubule	2L:+:20548023-20548064	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_44437	SRPYLFSNSLPPPVVASALK	AGAP005781-PA	-	51	2.07E-05	1	2143.200	3.93	Head	2L:+:20548617-20548676	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_44635	ALDEYGAGLSSVR	AGAP005781-PA	-	101	1.44E-09	2	1337.670	0.53	Salivary gland	2L:+:20548026-20548064	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_46517	IITTPQATAIGVEGSTGK	AGAP005781-PA	-	124	3.58E-12	1	1743.949	-0.08	Ovary	2L:+:20547828-20547881	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_46771	QIIQHQLDDIR	AGAP005781-PA	-	37	0.001869111	1	1378.744	-0.08	Ovary	2L:+:20547768-20547800	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_47035	GIYVIGFSYPVVPK	AGAP005781-PA	-	42	0.000349266	2	1538.862	0.05	Male reproductive organs	2L:+:20548860-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_48007	NMADLEEKLR	AGAP005781-PA	M2(Oxidation)	38	0.002812975	1	1234.610	-0.11	Malpighian tubule	2L:+:20548293-20548322	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_53258	ALGGAAGGYTTGPR	AGAP005781-PA	-	84	8.56E-08	2	1248.632	-0.85	Pupa	2L:+:20548548-20548589	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_55798	LASTFADEMLKR	AGAP005781-PA	M9(Oxidation)	96	3.68E-09	1	1381.712	-2.01	Malpighian tubule	2L:+:20548824-20548859	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_55945	QIIQHQLDDIR	AGAP005781-PA	-	62	6.36E-06	1	1378.746	1.79	Head	2L:+:20547768-20547800	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_56958	YGAVTFVDDCHATGFFGK	AGAP005781-PA	C10(Carbamidomethyl)	98	1.76E-09	1	1991.898	1.03	Malpighian tubule	2L:+:20548422-20548475	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_59380	ALGGAAGGYTTGPR	AGAP005781-PA	-	107	3.27E-10	1	1248.635	1.3	Salivary gland	2L:+:20548548-20548589	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_59743	IITTPQATAIGVEGSTGK	AGAP005781-PA	-	74	3.74E-07	2	1743.950	0.41	Visceras	2L:+:20547828-20547881	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_63136	QIIQHQLDDIREAGTYK	AGAP005781-PA	-	47	0.000208884	1	2028.053	1.14	Malpighian tubule	2L:+:20547768-20547818	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_63547	FICGTQDIHK	AGAP005781-PA	C3(Carbamidomethyl)	52	0.000117561	1	1218.594	-0.01	Salivary gland	2L:+:20548065-20548094	exon=> In CDS Exon 3 of transcript AGAP005781-PA

JHU_Ag_65554	SRPYLFSNSLPPPVVASALK	AGAP005781-PA	-	45	8.29E-05	1	2143.199	3.81	Ovary	2L:+:20548617-20548676	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_66147	VIDMLMESSELTAK	AGAP005781-PA	M4(Oxidation), M6(Oxidation)	90	1.44E-08	1	1598.765	-0.29	Ovary	2L:+:20548677-20548718	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_66173	AVAAFIEVGK	AGAP005781-PA	-	66	1.41E-06	1	1004.589	11.05	Salivary gland	2L:+:20548962-20548991	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_68883	ALGGAAGGYTTGPR	AGAP005781-PA	-	66	4.67E-06	2	1248.637	3.16	Larva	2L:+:20548548-20548589	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_69074	QIIQHQLDDIR	AGAP005781-PA	-	54	4.39E-05	1	1378.744	0.02	Salivary gland	2L:+:20547768-20547800	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_70966	ALGGAAGGYTTGPR	AGAP005781-PA	-	100	1.91E-09	2	1248.635	1.59	Ovary	2L:+:20548548-20548589	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_70996	IITTPQATAIGVEGSTGK	AGAP005781-PA	-	138	1.33E-13	1	1743.948	-0.5	Head	2L:+:20547828-20547881	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_74528	ALGGAAGGYTTGPR	AGAP005781-PA	-	45	0.0005349	2	1248.634	1.01	Visceras	2L:+:20548548-20548589	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_74996	ALGGAAGGYTTGPRELIDLLR	AGAP005781-PA	-	104	2.42E-10	1	2101.150	4.63	Malpighian tubule	2L:+:20548548-20548610	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_75589	GIYVIGFSYPVVPK	AGAP005781-PA	-	89	7.21E-09	1	1538.861	-0.66	Salivary gland	2L:+:20548860-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_76121	MIVTDGVFSMDGNVAPLAEIFELADR	AGAP005781-PA	M1(Oxidation), M10(Oxidation)	163	7.32E-16	1	2842.367	1.03	Ovary	2L:+:20548344-20548421	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_77101	AGFTISGMDHPISPVMLGDAR	AGAP005781-PA	M8(Oxidation), M16(Oxidation)	91	1.14E-08	1	2204.051	1.44	Ovary	2L:+:20548761-20548823	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_77196	CDIINSTLGK	AGAP005781-PA	C1(Carbamidomethyl)	48	0.000286465	2	1120.566	-0.69	Salivary gland	2L:+:20548518-20548547	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_77368	YGAVTFVDDCHATGFFGK	AGAP005781-PA	C10(Carbamidomethyl)	131	8.89E-13	1	1991.898	1.21	Head	2L:+:20548422-20548475	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_77652	YGAVTFVDDCHATGFFGK	AGAP005781-PA	C10(Carbamidomethyl)	150	1.30E-14	1	1991.899	1.52	Salivary gland	2L:+:20548422-20548475	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_79509	ALGGAAGGYTTGPR	AGAP005781-PA	-	92	1.13E-08	1	1248.634	0.91	Malpighian tubule	2L:+:20548548-20548589	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_80103	AGFTISGMDHPISPVMLGDAR	AGAP005781-PA	M16(Oxidation),M8(Oxidation),"M8(Oxidation), M16(Oxidation)"	129	2.03E-12	1	2172.061	1.47	Salivary gland	2L:+:20548761-20548823	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_80245	ALDEYGAGLSSVR	AGAP005781-PA	-	90	1.71E-08	1	1337.668	-1.21	Ovary	2L:+:20548026-20548064	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_84207	ILNFCANNYLGLSANHDVINYGK	AGAP005781-PA	C5(Carbamidomethyl)	93	7.92E-09	1	2610.280	1.19	Ovary	2L:+:20547882-20547920,20547993-20548022	exon=> In CDS Exon 2 and 3 of transcript AGAP005781-PA
JHU_Ag_86057	LASTFADEMLKR	AGAP005781-PA	M9(Oxidation)	57	2.33E-05	1	1397.706	-2.1	Ovary	2L:+:20548824-20548859	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_89353	AVAAFIEVGK	AGAP005781-PA	-	37	0.001274502	1	1004.582	4.14	Ovary	2L:+:20548962-20548991	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_89788	ELIDLLR	AGAP005781-PA	-	43	0.000460407	2	871.527	2.21	Salivary gland	2L:+:20548590-20548610	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_92063	KALDEYGAGLSSVR	AGAP005781-PA	-	63	6.15E-06	1	1465.767	1.9	Salivary gland	2L:+:20548023-20548064	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_92215	FICGTQDIHK	AGAP005781-PA	C3(Carbamidomethyl)	55	4.87E-05	1	1218.593	-0.25	Ovary	2L:+:20548065-20548094	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_93182	ILNFCANNYLGLSANHDVINYGK	AGAP005781-PA	C5(Carbamidomethyl)	100	1.21E-09	1	2610.290	4.98	Head	2L:+:20547882-20547920,20547993-20548022	exon=> In CDS Exon 2 and 3 of transcript AGAP005781-PA
JHU_Ag_94257	ALGGAAGGYTTGPR	AGAP005781-PA	-	104	7.32E-10	1	1248.634	0.52	Head	2L:+:20548548-20548589	exon=> In CDS Exon 3 of transcript AGAP005781-PA

JHU_Ag_95695	GIYVIGFSYPVVPK	AGAP005781-PA	-	87	1.15E-08	1	1538.863	0.85	Ovary	2L:+:20548860-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_96411	VIDMLMESSELTAK	AGAP005781-PA	M6(Oxidation),"M4(Oxidation), M6(Oxidation)",M4(Oxidation)	109	2.21E-10	1	1566.775	-0.16	Salivary gland	2L:+:20548677-20548718	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_98884	GIYVIGFSYPVVPK	AGAP005781-PA	-	35	0.00162664	2	1538.869	4.97	Pupa	2L:+:20548860-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_99381	LASTFADEMLK	AGAP005781-PA	M9(Oxidation)	58	1.77E-05	2	1225.612	-0.73	Salivary gland	2L:+:20548824-20548856	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_100570	RGIYVIGFSYPVVPK	AGAP005781-PA	-	53	1.78E-05	1	1694.973	5.93	Ovary	2L:+:20548857-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_101096	ILNFCANNYLGLSANHDVINYGK	AGAP005781-PA	C5(Carbamidomethyl)	129	1.73E-12	1	2610.283	2.17	Salivary gland	2L:+:20547882-20547920,20547993-20548022	exon=> In CDS Exon 2 and 3 of transcript AGAP005781-PA
JHU_Ag_101335	GIYVIGFSYPVVPK	AGAP005781-PA	-	78	7.83E-08	2	1538.868	4.02	Malpighian tubule	2L:+:20548860-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_101794	GTEEFYGMLGR	AGAP005781-PA	M8(Oxidation)	66	2.57E-06	2	1275.570	2.36	Salivary gland	2L:+:20548485-20548517	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_102130	FICGTQDIHK	AGAP005781-PA	C3(Carbamidomethyl)	69	2.25E-06	1	1218.596	1.55	Head	2L:+:20548065-20548094	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_102413	GTEEFYGMLGR	AGAP005781-PA	M8(Oxidation)	35	0.00283819	2	1275.568	0.25	Ovary	2L:+:20548485-20548517	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_105313	IITTPQATAIGVEGSTGK	AGAP005781-PA	-	128	1.15E-12	1	1743.953	2.23	Malpighian tubule	2L:+:20547828-20547881	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_107212	ALDEYGAGLSSVR	AGAP005781-PA	-	94	7.35E-09	1	1337.670	0.62	Head	2L:+:20548026-20548064	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_108627	VQLSAAHSEEEIDR	AGAP005781-PA	-	101	1.24E-09	1	1583.767	0.68	Ovary	2L:+:20548920-20548961	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_109073	GIYVIGFSYPVVPK	AGAP005781-PA	-	74	2.44E-07	1	1538.862	0.05	Head	2L:+:20548860-20548901	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_114606	VQLSAAHSEEEIDR	AGAP005781-PA	-	86	3.80E-08	1	1583.770	2.61	Visceras	2L:+:20548920-20548961	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_115212	VQLSAAHSEEEIDR	AGAP005781-PA	-	97	2.58E-09	1	1583.769	2.14	Salivary gland	2L:+:20548920-20548961	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_115776	IITTPQATAIGVEGSTGK	AGAP005781-PA	-	58	1.31E-05	2	1743.946	-1.83	Pupa	2L:+:20547828-20547881	exon=> In CDS Exon 2 of transcript AGAP005781-PA
JHU_Ag_117716	ELIDLLRQK	AGAP005781-PA	-	64	1.89E-06	1	1127.682	3.18	Malpighian tubule	2L:+:20548590-20548616	exon=> In CDS Exon 3 of transcript AGAP005781-PA
JHU_Ag_1335	AMNFSVVVFDTAPTGHTLR	AGAP005782-PA	M2(Oxidation)	80	1.44E-07	1	2079.034	0.55	Ovary	2L:-:20550040-20549984	exon=> In CDS Exon 2 of transcript AGAP005782-PA
JHU_Ag_4538	AMNFSVVVFDTAPTGHTLR	AGAP005782-PA	M2(Oxidation)	44	0.000529144	1	2079.044	5.22	Salivary gland	2L:-:20550040-20549984	exon=> In CDS Exon 2 of transcript AGAP005782-PA
JHU_Ag_7114	YLDQIADLYEDFHVVR	AGAP005782-PA	-	55	4.37E-05	1	1995.974	-3.34	Midgut	2L:-:20549533-20549486	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_9557	AMNFSVVVFDTAPTGHTLR	AGAP005782-PA	M2(Oxidation)	80	1.34E-07	1	2079.038	2.66	Head	2L:-:20550040-20549984	exon=> In CDS Exon 2 of transcript AGAP005782-PA
JHU_Ag_24828	YLDQIADLYEDFHVVR	AGAP005782-PA	-	125	4.37E-12	1	1995.976	-2.33	Ovary	2L:-:20549533-20549486	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_38794	LPLLDEEVR	AGAP005782-PA	-	54	3.17E-05	1	1083.604	-0.54	Male reproductive organs	2L:-:20549485-20549459	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_46927	LLSFPQVVEK	AGAP005782-PA	-	45	0.000241651	2	1159.672	0.19	Ovary	2L:-:20549983-20549954	exon=> In CDS Exon 2 of transcript AGAP005782-PA
JHU_Ag_48115	LLSFPQVVEK	AGAP005782-PA	-	44	0.000250698	2	1159.675	2.82	Malpighian tubule	2L:-:20549983-20549954	exon=> In CDS Exon 2 of transcript AGAP005782-PA

JHU_Ag_51540	LPLLDEEVR	AGAP005782-PA	-	50	6.67E-05	2	1083.604	-0.42	Salivary gland	2L:-:20549485-20549459	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_54615	AMNFSVVVFDTAPTGHTLR	AGAP005782-PA	M2(Oxidation)	40	0.001478555	3	2079.040	3.28	Malpighian tubule	2L:-:20550040-20549984	exon=> In CDS Exon 2 of transcript AGAP005782-PA
JHU_Ag_58387	RESVLIISTDPAHNISDAFDQK	AGAP005782-PA	-	113	6.38E-11	1	2456.234	-3.12	Head	2L:-:20550383-20550318	exon=> In CDS Exon 1 of transcript AGAP005782-PA
JHU_Ag_59802	YLDQIADLYEDFHVVR	AGAP005782-PA	-	78	2.14E-07	2	1995.992	5.56	Salivary gland	2L:-:20549533-20549486	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_60557	YLDQIADLYEDFHVVR	AGAP005782-PA	-	76	3.83E-07	1	1995.994	6.29	Larva	2L:-:20549533-20549486	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_69622	LLSFPQVVEK	AGAP005782-PA	-	64	2.82E-06	2	1159.673	0.29	Male reproductive organs	2L:-:20549983-20549954	exon=> In CDS Exon 2 of transcript AGAP005782-PA
JHU_Ag_76249	AMNFSVVVFDTAPTGHTLR	AGAP005782-PA	M2(Oxidation)	103	7.48E-10	1	2079.027	-2.62	Male reproductive organs	2L:-:20550040-20549984	exon=> In CDS Exon 2 of transcript AGAP005782-PA
JHU_Ag_98410	YLDQIADLYEDFHVVR	AGAP005782-PA	-	47	0.000273079	1	1995.984	1.52	Pupa	2L:-:20549533-20549486	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_113744	LPLLDEEVR	AGAP005782-PA	-	55	2.28E-05	2	1083.604	-0.54	Ovary	2L:-:20549485-20549459	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_114249	ESVLIISTDPAHNISDAFDQK	AGAP005782-PA	-	64	5.55E-06	1	2300.141	0.35	Ovary	2L:-:20550380-20550318	exon=> In CDS Exon 1 of transcript AGAP005782-PA
JHU_Ag_116034	YLDQIADLYEDFHVVR	AGAP005782-PA	-	64	5.71E-06	1	1995.991	5.19	Malpighian tubule	2L:-:20549533-20549486	exon=> In CDS Exon 3 of transcript AGAP005782-PA
JHU_Ag_264	DTDILLADGFFK	AGAP005784-PA	-	75	4.19E-07	2	1354.691	1.83	Head	2L:-:20600581-20600546	exon=> In CDS Exon 1 of transcript AGAP005784-PA
JHU_Ag_6970	VKHTFGQVTAVTIDLQGNPVIFHR	AGAP005784-PA	-	84	1.54E-08	1	2677.457	-0.26	Male reproductive organs	2L:-:20584027-20583956	exon=> In CDS Exon 2 of transcript AGAP005784-PA
JHU_Ag_20071	GAGIFYMPHGLTIDHNGNMWLTDVALHQVFK	AGAP005784-PA	M7(Oxidation), M19(Oxidation)	40	0.001054479	1	3514.724	5.87	Male reproductive organs	2L:-:20583759-20583667	exon=> In CDS Exon 3 of transcript AGAP005784-PA
JHU_Ag_43439	GFTIDPR	AGAP005784-PA	-	43	0.001006156	2	805.423	3.28	Male reproductive organs	2L:-:20583219-20583199	exon=> In CDS Exon 3 of transcript AGAP005784-PA
JHU_Ag_47718	AGLQTSYGEGTQAATIQEPDLGR	AGAP005784-PA	-	67	3.06E-06	2	2363.146	-0.5	Head	2L:-:20583363-20583295	exon=> In CDS Exon 3 of transcript AGAP005784-PA
JHU_Ag_72518	DTDILLADGFFK	AGAP005784-PA	-	82	6.96E-08	2	1354.691	1.37	Male reproductive organs	2L:-:20600581-20600546	exon=> In CDS Exon 1 of transcript AGAP005784-PA
JHU_Ag_72587	SHLCKPTAVAIASTGEIFVADGYCNSR	AGAP005784-PA	C4(Carbamidomethyl), C24(Carbamidomethyl)	97	2.30E-09	1	2924.403	-0.19	Male reproductive organs	2L:-:20583600-20583520	exon=> In CDS Exon 3 of transcript AGAP005784-PA
JHU_Ag_80956	DYPAITLGHR	AGAP005784-PA	-	50	0.000129772	2	1142.600	3.79	Male reproductive organs	2L:-:20583651-20583622	exon=> In CDS Exon 3 of transcript AGAP005784-PA
JHU_Ag_81856	DTDILLADGFFKR	AGAP005784-PA	-	91	8.34E-09	1	1510.791	0.64	Male reproductive organs	2L:-:20600581-20600543	exon=> In CDS Exon 1 of transcript AGAP005784-PA
JHU_Ag_83985	AGLQTSYGEGTQAATIQEPDLGR	AGAP005784-PA	-	128	2.66E-12	1	2363.141	-2.56	Male reproductive organs	2L:-:20583363-20583295	exon=> In CDS Exon 3 of transcript AGAP005784-PA
JHU_Ag_111825	AYEDALGSGGAAAGPVEMADEPPPQAPVDTSHLDSPPKPK	AGAP005784-PA	M18(Oxidation)	190	9.09E-19	1	3985.886	2.48	Male reproductive organs	2L:-:20600518-20600710,20583933-20584049	exon=> In CDS Exon 2 and 1 of transcript AGAP005784-PA
JHU_Ag_64555	KPSLEALVYVLLMK	AGAP005789-PA	M13(Oxidation)	46	3.19E-05	1	1619.951	4.16	Ovary	2L:-:20677559-20677518	exon=> In CDS Exon 1 of transcript AGAP005789-PA
JHU_Ag_96646	LLLQGIIFGEVPK	AGAP005789-PA	-	48	2.48E-05	2	1426.874	4.69	Ovary	2L:-:20675048-20675010	exon=> In CDS Exon 1 of transcript AGAP005789-PA
JHU_Ag_22301	HEASDHKGQEVATR	AGAP005790-PA	-	93	8.36E-09	1	1564.752	3.86	Male reproductive organs	2L:-:20714338-20714297	exon=> In CDS Exon 1 of transcript AGAP005790-PA
JHU_Ag_28009	VQPIHLPTSNPDGVEAATMLSFGR	AGAP005790-PA	M19(Oxidation)	93	5.93E-09	1	2553.278	0.4	Male reproductive organs	2L:-:20714632-20714561	exon=> In CDS Exon 1 of transcript AGAP005790-PA
JHU_Ag_45164	GSIEYTSR	AGAP005790-PA	-	44	0.000421701	2	912.442	-0.57	Male reproductive organs	2L:-:20714656-20714633	exon=> In CDS Exon 1 of transcript AGAP005790-PA

JHU_Ag_83807	GSEEHQSHLR	AGAP005790-PA	-	74	4.71E-07	1	1179.550	0.05	Male reproductive organs	2L:-:20714560-20714531	exon=> In CDS Exon 1 of transcript AGAP005790-PA
JHU_Ag_98365	YIGSDYNIAVVLIR	AGAP005790-PA	-	102	4.39E-10	1	1595.881	0.83	Male reproductive organs	2L:-:20714698-20714657	exon=> In CDS Exon 1 of transcript AGAP005790-PA
JHU_Ag_98456	LVLTTDQSCIDQQADFQAK	AGAP005790-PA	C9(Carbamidomethyl)	155	5.39E-15	1	2181.049	-0.31	Male reproductive organs	2L:-:20714521-20714465	exon=> In CDS Exon 1 of transcript AGAP005790-PA
JHU_Ag_110963	VLYAVFAK	AGAP005790-PA	-	46	9.25E-05	1	910.539	-0.52	Male reproductive organs	2L:-:20714362-20714339	exon=> In CDS Exon 1 of transcript AGAP005790-PA
JHU_Ag_1553	IAFGDTVQSIAIATTDPETVNDATMLSYGK	AGAP005791-PA	M25(Oxidation)	160	1.34E-15	1	3145.540	4.83	Male reproductive organs	2L:+:20719202-20719291	exon=> In CDS Exon 1 of transcript AGAP005791-PA
JHU_Ag_12493	IAFGDTVQSIAIATTDPETVNDATMLSYGKNEDGTSHLR	AGAP005791-PA	M25(Oxidation)	121	8.36E-12	1	4154.980	-0.68	Male reproductive organs	2L:+:20719202-20719318	exon=> In CDS Exon 1 of transcript AGAP005791-PA
JHU_Ag_14176	NEDGTSHLR	AGAP005791-PA	-	41	0.000551 43	1	1028.475	-0.56	Male reproductive organs	2L:+:20719292-20719318	exon=> In CDS Exon 1 of transcript AGAP005791-PA
JHU_Ag_15639	SATYTLISDNDDCVPLLQEYQAK	AGAP005791-PA	C13(Carbamidomethyl)	110	1.47E-10	2	2644.246	0.33	Male reproductive organs	2L:+:20719319-20719387	exon=> In CDS Exon 1 of transcript AGAP005791-PA
JHU_Ag_79942	HPEFVGWDYNVALVK	AGAP005791-PA	-	125	5.65E-12	1	1773.897	0.81	Male reproductive organs	2L:+:20719145-20719189	exon=> In CDS Exon 1 of transcript AGAP005791-PA
JHU_Ag_98958	IFRHPEFVGWDYNVALVK	AGAP005791-PA	-	133	5.83E-13	1	2190.150	0.42	Male reproductive organs	2L:+:20719136-20719189	exon=> In CDS Exon 1 of transcript AGAP005791-PA
JHU_Ag_17004	VSSFLEWIYETMEGHA	AGAP005792-PA	M12(Oxidation)	41	0.000696 854	2	1914.857	-0.3	Male reproductive organs	2L:-:20721215-20721168	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_34747	LYGVFAFSEQEGK	AGAP005792-PA	-	74	6.82E-07	1	1474.722	0.52	Male reproductive organs	2L:-:20721281-20721243	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_36982	EIIIQEHGFCVR	AGAP005792-PA	C10(Carbamidomethyl)	85	4.45E-08	1	1500.764	0.76	Male reproductive organs	2L:-:20721386-20721351	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_42241	TNVGSIGTR	AGAP005792-PA	-	73	1.04E-06	2	904.484	-1.13	Male reproductive organs	2L:-:20721242-20721216	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_69347	EAIYTTSTGAECVDSLTR	AGAP005792-PA	C12(Carbamidomethyl)	113	6.12E-11	1	1973.914	0.69	Male reproductive organs	2L:-:20721452-20721399	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_81258	SPPGAEQGQWADDAGAPIVADGK	AGAP005792-PA	-	133	7.00E-13	1	2237.048	0.27	Male reproductive organs	2L:-:20721350-20721282	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_103105	GPGDLYEVLTIYK	AGAP005792-PA	-	95	3.27E-09	1	1467.774	0.65	Male reproductive organs	2L:-:20721662-20721624	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_104493	YILTSASAVAEPHDSLYK	AGAP005792-PA	-	115	4.80E-11	1	1964.996	-0.34	Male reproductive organs	2L:-:20721743-20721690	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_106088	LVGNGAIVAQR	AGAP005792-PA	N4(Deamidated)	99	1.13E-09	2	1098.626	-0.23	Male reproductive organs	2L:-:20721776-20721744	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_111006	VQLGANVFK	AGAP005792-PA	N6(Deamidated)	69	1.32E-06	1	976.546	-0.19	Male reproductive organs	2L:-:20721689-20721663	exon=> In CDS Exon 1 of transcript AGAP005792-PA
JHU_Ag_99055	LPSISLLLNDILK	AGAP005796-PA	-	28	0.001572 981	1	1438.882	-4.1	Malpighian tubule	2L:-:20954607-20954976,20954319-20954469	exon=> In CDS Exon 12 and 11 of transcript AGAP005796-PA
JHU_Ag_101236	QMAENACR	AGAP005796-PA	Q1(Deamidated), M2(Oxidation), N5(Deamidated), C7(Carbamidomethyl)	19	0.004396 105	1	997.368	-3.62	Head	2L:-:20953782-20953759	exon=> In CDS Exon 13 of transcript AGAP005796-PA
JHU_Ag_44513	VLLLEPGEHNLHEIFR	AGAP005797-PA	-	32	0.005915 836	1	1916.035	-2.24	Head	2L:-:21037833-21037786	exon=> In CDS Exon 3 of transcript AGAP005797-PA
JHU_Ag_68361	TFQEVTSDTRPEDPSVR	AGAP005797-PA	-	78	2.88E-07	1	1963.963	13.76	Ovary	2L:-:21038049-21037999	exon=> In CDS Exon 3 of transcript AGAP005797-PA
JHU_Ag_3766	SDDGELNNELTQEELDELAKDDFYTR	AGAP005800-PA	-	95	3.14E-09	1	3059.360	-0.03	Ovary	2L:-:21193757-21193680	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_11922	VSILAAANPAYGR	AGAP005800-PA	-	67	2.54E-06	1	1302.717	0.53	Ovary	2L:-:21193241-21193203	exon=> In CDS Exon 2 of transcript AGAP005800-PA

JHU_Ag_17389	ALLLLLVGGVDR	AGAP005800-PA	-	64	2.05E-07	2	1238.783	0.27	Salivary gland	2L:-:21193628-21193593	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_19915	LFSDAVFELLPSYK	AGAP005800-PA	-	70	1.13E-06	2	1628.859	1.2	Ovary	2L:-:21194456-21194415	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_23224	CAQPGDHVIITGIFLPIQK	AGAP005800-PA	C1(Carbamidomethyl)	46	0.000119204	1	2107.139	1.18	Ovary	2L:-:21193892-21193836	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_33597	TIEQNIQLPAALLSR	AGAP005800-PA	-	54	9.74E-06	1	1666.956	4.5	Malpighian tubule	2L:-:21193187-21193143	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_43042	TIEQNIQLPAALLSR	AGAP005800-PA	-	71	2.89E-07	2	1666.951	1.43	Ovary	2L:-:21193187-21193143	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_57100	VSILAAANPAYGR	AGAP005800-PA	-	85	3.43E-08	2	1302.722	3.9	Malpighian tubule	2L:-:21193241-21193203	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_69864	GNINICLMGDPGVAK	AGAP005800-PA	C6(Carbamidomethyl), M8(Oxidation)	41	0.001399084	2	1574.771	2.65	Ovary	2L:-:21193568-21193524	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_73576	DTHVQNTSDK	AGAP005800-PA	-	29	0.008182387	1	1144.523	-0.38	Midgut	2L:-:21192734-21194650,21192433-21192613	exon=> In CDS Exon 3 and 2 of transcript AGAP005800-PA
JHU_Ag_74248	IFALVR	AGAP005800-PA	-	43	6.30E-05	2	718.461	0.49	Salivary gland	2L:-:21192612-21192595	exon=> In CDS Exon 3 of transcript AGAP005800-PA
JHU_Ag_75451	FDLLWLIQDK	AGAP005800-PA	-	69	1.10E-06	2	1290.709	-0.5	Ovary	2L:-:21193142-21193113	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_90165	AVVSGLLSETFVDAHR	AGAP005800-PA	-	94	5.17E-09	2	1700.900	2.06	Ovary	2L:-:21193823-21193776	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_95849	ALLLLLVGGVDR	AGAP005800-PA	-	85	1.76E-09	1	1238.784	0.47	Ovary	2L:-:21193628-21193593	exon=> In CDS Exon 2 of transcript AGAP005800-PA
JHU_Ag_1173	RAQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M15(Oxidation), C22(Carbamidomethyl)	94	2.67E-09	1	3008.592	0.49	Salivary gland	2L:-:21199771-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_1635	RAQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M15(Oxidation), C22(Carbamidomethyl)	56	1.51E-05	1	3008.597	1.89	Male reproductive organs	2L:-:21199771-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_2015	GAPLAVVNFRDPYR	AGAP005802-PA	-	61	1.01E-05	1	1574.844	0.3	Ovary	2L:-:21199885-21199844	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_2608	TSGNYASVIAHNPDTK	AGAP005802-PA	-	120	1.55E-11	1	1674.811	1.92	Head	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_5477	GAPLAVVNFRDPYR	AGAP005802-PA	-	69	1.62E-06	1	1574.847	2.28	Male reproductive organs	2L:-:21199885-21199844	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_10341	LRHLDYAER	AGAP005802-PA	-	46	0.000435168	1	1172.616	-0.94	Male reproductive organs	2L:-:21200044-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_11487	RAQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M15(Oxidation), C22(Carbamidomethyl)	66	1.37E-06	1	3008.599	2.68	Head	2L:-:21199771-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_12506	VKLPSGAK	AGAP005802-PA	-	41	0.000521484	1	799.505	1.3	Male reproductive organs	2L:-:21199606-21199583	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_12600	GAPLAVVNFR	AGAP005802-PA	-	52	8.82E-05	1	1043.600	0.19	Pupa	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_13061	GAPLAVVNFR	AGAP005802-PA	-	66	2.07E-06	1	1043.601	1.24	Visceras	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_13647	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	117	3.35E-11	1	1830.910	0.33	Male reproductive organs	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_14336	IDKPILK	AGAP005802-PA	-	33	0.001035665	1	826.539	-0.73	Male reproductive organs	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_15476	IDKPILK	AGAP005802-PA	-	38	0.000362426	1	826.541	1.04	Visceras	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_19666	KVLPSANR	AGAP005802-PA	-	38	0.000540149	1	884.535	3.82	Male reproductive organs	2L:-:21199582-21199559	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_19943	GAPLAVVNFR	AGAP005802-PA	-	51	0.000100717	2	1043.598	-2.03	Midgut	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA

JHU_Ag_22037	KVLPSANR	AGAP005802-PA	-	31	0.005063234	1	884.532	0.93	Malpighian tubule	2L:-:21199582-21199559	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_25634	GAPLAVVNFR	AGAP005802-PA	-	53	3.56E-05	2	1043.604	4.17	Larva	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_26123	TSGNYASVIAHNPDTK	AGAP005802-PA	-	128	2.21E-12	1	1674.808	0.09	Pupa	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_28973	RAQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M15(Oxidation), C22(Carbamidomethyl)	81	4.17E-08	1	3008.601	3.35	Visceras	2L:-:21199771-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_29320	VKLPSGAK	AGAP005802-PA	-	31	0.005639509	1	799.506	2.43	Malpighian tubule	2L:-:21199606-21199583	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_32051	VGLIAAR	AGAP005802-PA	-	56	9.15E-06	2	699.453	2.51	Malpighian tubule	2L:-:21199345-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_32199	HLDYAER	AGAP005802-PA	-	40	0.000863939	2	903.431	-0.88	Salivary gland	2L:-:21200038-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_33738	IDKPILK	AGAP005802-PA	-	40	0.000194634	2	826.541	1.64	Larva	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_34224	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	65	4.60E-06	2	1017.553	2.3	Larva	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_35371	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	131	1.31E-12	1	1830.922	7.13	Ovary	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_35416	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	79	2.02E-07	2	1001.559	2.44	Pupa	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_36285	IDKPILK	AGAP005802-PA	-	31	0.001824817	2	826.541	1.56	Ovary	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_38818	HLDYAER	AGAP005802-PA	-	36	0.002384689	1	903.433	1.49	Malpighian tubule	2L:-:21200038-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_39333	GAPLAVVNFR	AGAP005802-PA	-	72	4.97E-07	1	1043.601	0.89	Male reproductive organs	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_41047	HLDYAER	AGAP005802-PA	-	35	0.003176899	2	903.434	2.57	Pupa	2L:-:21200038-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_41355	GAPLAVVNFR	AGAP005802-PA	-	66	3.31E-06	1	1043.598	-1.33	Ovary	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_41795	VGLIAAR	AGAP005802-PA	-	52	1.56E-05	2	699.451	0.24	Visceras	2L:-:21199345-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_42009	GAPLAVVNFRDPYR	AGAP005802-PA	-	61	1.16E-05	1	1574.844	0.07	Visceras	2L:-:21199885-21199844	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_43809	IDKPILK	AGAP005802-PA	-	30	0.002066423	1	826.542	3.19	Head	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_44913	VGLIAARR	AGAP005802-PA	-	45	5.58E-05	1	855.554	1.86	Malpighian tubule	2L:-:21199345-21199322	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_46204	KGAGSVFR	AGAP005802-PA	-	53	2.35E-05	2	821.469	7.38	Midgut	2L:-:21200101-21200078	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_46510	IDKPILK	AGAP005802-PA	-	32	0.001312863	2	826.540	-0.14	Salivary gland	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_51642	GAPLAVVNFRDPYR	AGAP005802-PA	-	31	0.010412307	1	1574.846	1.12	Midgut	2L:-:21199885-21199844	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_52316	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	121	1.44E-11	1	1830.912	1.59	Pupa	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_53524	GAPLAVVNFRDPYR	AGAP005802-PA	-	49	0.000162981	1	1574.845	0.53	Salivary gland	2L:-:21199885-21199844	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_56567	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	136	4.59E-13	1	1830.906	-1.81	Midgut	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_57037	VGLIAAR	AGAP005802-PA	-	54	9.64E-06	2	699.451	0.16	Head	2L:-:21199345-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_59349	HLDYAER	AGAP005802-PA	-	50	9.28E-05	1	903.438	6.69	Midgut	2L:-:21200038-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA

JHU_Ag_59812	TSGNYASVIAHNPDTK	AGAP005802-PA	-	119	2.02E-11	1	1674.810	1.04	Visceras	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_60911	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	68	2.95E-06	2	1017.550	-0.88	Ovary	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_62703	GAPLAVVNFR	AGAP005802-PA	-	47	0.000249195	2	1043.599	-0.28	Head	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_64974	LRHLDYAER	AGAP005802-PA	-	48	0.000275205	1	1172.618	1	Malpighian tubule	2L:-:21200044-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_66290	HLDYAERHGYLK	AGAP005802-PA	-	41	0.001324848	1	1501.756	1.05	Malpighian tubule	2L:-:21200038-21200003	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_66914	KVGLIAAR	AGAP005802-PA	-	46	7.56E-05	1	827.547	0.5	Malpighian tubule	2L:-:21199348-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_67860	AMIGIVAGGGRIDKPILK	AGAP005802-PA	M2(Oxidation)	71	1.51E-07	1	1825.076	1.86	Malpighian tubule	2L:-:21199558-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_68457	HLDYAER	AGAP005802-PA	-	38	0.001589065	1	903.432	0.41	Male reproductive organs	2L:-:21200038-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_70788	TSGNYASVIAHNPDTK	AGAP005802-PA	-	103	9.07E-10	1	1674.816	4.39	Ovary	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_71467	IDKPILK	AGAP005802-PA	-	33	0.000984508	1	826.539	-1.24	Pupa	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_72407	AQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M14(Oxidation), C21(Carbamidomethyl)	116	1.70E-11	1	2852.503	4.71	Salivary gland	2L:-:21199768-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_72854	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	48	0.00024485	2	1017.553	2.24	Salivary gland	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_73244	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	68	2.17E-06	2	1001.558	1.64	Malpighian tubule	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_74473	VGLIAAR	AGAP005802-PA	-	66	1.14E-06	2	699.450	-1.5	Pupa	2L:-:21199345-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_75204	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	116	3.81E-11	1	1830.919	4.99	Head	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_75922	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	116	3.69E-11	1	1830.920	6.06	Malpighian tubule	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_77119	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	67	4.20E-06	2	1017.551	-0.4	Male reproductive organs	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_78086	IDKPILK	AGAP005802-PA	-	33	0.001059789	1	826.539	-0.58	Midgut	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_79259	KVGLIAAR	AGAP005802-PA	-	37	0.000726966	2	827.547	0.87	Larva	2L:-:21199348-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_79600	TSGNYASVIAHNPDTK	AGAP005802-PA	N4(Deamidated)	119	1.96E-11	1	1674.808	-0.13	Midgut	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_81977	KGAGSVFR	AGAP005802-PA	-	53	3.41E-05	1	821.465	2.25	Malpighian tubule	2L:-:21200101-21200078	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_82346	GAPLAVVNFR	AGAP005802-PA	-	57	1.76E-05	2	1043.601	1.71	Salivary gland	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_84125	KVGLIAAR	AGAP005802-PA	-	30	0.003195317	1	827.545	-1.19	Midgut	2L:-:21199348-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_87239	IDKPILK	AGAP005802-PA	-	31	0.00178739	1	826.542	3.33	Malpighian tubule	2L:-:21199525-21199505	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_87615	HLDYAER	AGAP005802-PA	-	33	0.0036944	2	903.428	-4.39	Head	2L:-:21200038-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_87617	HLDYAER	AGAP005802-PA	-	45	0.000279532	1	903.433	1.42	Ovary	2L:-:21200038-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_89259	TSGNYASVIAHNPDTK	AGAP005802-PA	-	113	7.35E-11	1	1674.812	2.5	Malpighian tubule	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA

JHU_Ag_93096	RAQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M15(Oxidation), C22(Carbamidomethyl),C22(Carbamidomethyl)	141	5.06E-14	1	2992.590	-2.04	Midgut	2L:-:21199771-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_93112	AQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M14(Oxidation), C21(Carbamidomethyl)	119	9.07E-12	1	2852.492	0.86	Ovary	2L:-:21199768-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_96695	VGLIAAR	AGAP005802-PA	-	46	9.47E-05	2	699.453	2.78	Male reproductive organs	2L:-:21199345-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_96843	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	70	1.59E-06	2	1001.559	2.62	Head	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_97296	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	125	4.87E-12	1	1830.911	0.79	Visceras	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_98635	GAPLAVVNFR	AGAP005802-PA	-	66	3.43E-06	1	1043.600	0.19	Malpighian tubule	2L:-:21199885-21199856	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_100583	TSGNYASVIAHNPDTK	AGAP005802-PA	-	119	2.14E-11	1	1674.810	0.82	Salivary gland	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_101918	AQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M14(Oxidation), C21(Carbamidomethyl)	45	0.000195993	2	2852.507	6.08	Larva	2L:-:21199768-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_104712	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	131	1.15E-12	1	1830.910	0.53	Salivary gland	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_104840	VGLIAAR	AGAP005802-PA	-	60	2.22E-06	2	699.451	-0.8	Salivary gland	2L:-:21199345-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_105486	RAQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M15(Oxidation), C22(Carbamidomethyl),C22(Carbamidomethyl)	149	6.34E-15	1	3008.599	2.56	Ovary	2L:-:21199771-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_106549	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	74	6.12E-07	1	1001.557	0.49	Midgut	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_107068	AMIGIVAGGGR	AGAP005802-PA	M2(Oxidation)	67	3.39E-06	1	1001.556	0.3	Visceras	2L:-:21199558-21199526	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_107313	TSGNYASVIAHNPDTK	AGAP005802-PA	-	111	1.17E-10	1	1674.811	1.48	Male reproductive organs	2L:-:21199663-21199616	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_109506	TSGNYASVIAHNPDTKR	AGAP005802-PA	-	52	0.000109426	1	1830.916	3.45	Larva	2L:-:21199663-21199613	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_110700	VGLIAAR	AGAP005802-PA	-	47	4.53E-05	2	699.451	0.07	Ovary	2L:-:21199345-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_112252	KVGLIAAR	AGAP005802-PA	-	42	0.000190772	2	827.545	-1.27	Ovary	2L:-:21199348-21199325	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_113116	KGAGSVFR	AGAP005802-PA	-	51	9.27E-05	1	821.463	0.69	Male reproductive organs	2L:-:21200101-21200078	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_115419	LRHLDYAER	AGAP005802-PA	-	38	0.002852108	1	1172.621	3.57	Ovary	2L:-:21200044-21200018	exon=> In CDS Exon 1 of transcript AGAP005802-PA
JHU_Ag_116284	RAQLQIGNVLPIGLMPEGTIVCNLEEK	AGAP005802-PA	M15(Oxidation), C22(Carbamidomethyl),C22(Carbamidomethyl)	112	3.35E-11	1	2992.609	4.51	Malpighian tubule	2L:-:21199771-21199691	exon=> In CDS Exon 2 of transcript AGAP005802-PA
JHU_Ag_56145	RQNGWQNSIR	AGAP005804-PA	Q2(Deamidated), N3(Deamidated)	36	0.003012188	2	1260.596	-9.25	Larva	2L:+:21234297-21234326	exon=> In CDS Exon 2 of transcript AGAP005804-PA
JHU_Ag_110615	YFIKVPR	AGAP005804-PA,AGAP000662-PC	-	38	0.000492449	2	922.554	3.73	Malpighian tubule	2L:+:21234348-21234368;X:+:11771872-11771892	exon=> In CDS Exon 2 of transcript AGAP005804-PA;exon=> In CDS Exon 4 of transcript AGAP000662-PC
JHU_Ag_3243	SPVVPVASPR	AGAP005807-PA	-	63	3.05E-06	1	1008.585	1.04	Head	2L:+:21586526-21586555	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_6780	SPVVPVASPR	AGAP005807-PA	-	39	0.000659725	1	1008.585	0.86	Malpighian tubule	2L:+:21586526-21586555	exon=> In CDS Exon 4 of transcript AGAP005807-PA

JHU_Ag_34428	YPAYQSAPQPAHQYPGAR	AGAP005807-PA	-	95	4.59E-09	1	2001.958	0.47	Head	2L:+:21586346-21586399	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_35256	SPAISNLGGSGSPR	AGAP005807-PA	-	78	1.83E-07	2	1299.664	-0.76	Visceras	2L:+:21586556-21586597	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_47784	APSSTVAFSGGR	AGAP005807-PA	-	69	2.05E-06	1	1136.569	-0.66	Male reproductive organs	2L:+:21586400-21586435	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_51648	APSSTVAFSGGR	AGAP005807-PA	-	72	1.26E-06	2	1136.571	1.28	Malpighian tubule	2L:+:21586400-21586435	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_52930	SPAISNLGGSGSPR	AGAP005807-PA	-	124	4.15E-12	1	1299.664	-0.85	Head	2L:+:21586556-21586597	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_58676	SPAISNLGGSGSPR	AGAP005807-PA	-	80	1.05E-07	2	1299.666	0.84	Male reproductive organs	2L:+:21586556-21586597	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_80043	GGYANQAASPR	AGAP005807-PA	-	74	6.46E-07	2	1091.522	-0.46	Malpighian tubule	2L:+:21586493-21586525	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_111095	APSSTVAFSGGR	AGAP005807-PA	-	62	1.23E-05	2	1136.569	-0.23	Head	2L:+:21586400-21586435	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_115722	SPAISNLGGSGSPR	AGAP005807-PA	-	115	3.36E-11	1	1299.668	1.96	Malpighian tubule	2L:+:21586556-21586597	exon=> In CDS Exon 4 of transcript AGAP005807-PA
JHU_Ag_13827	LLSNGAVGIDFDDPSTTKPPSLAK	AGAP005807-PA,AGAP005807-PC	N4(Deamidated)	113	6.29E-11	1	2444.263	3.15	Head	2L:+:21517634-21517656,21531406-21531454;2L:+:21517634-21517656,21531406-21531454	exon=> In CDS Exon 1 and 2 of transcript AGAP005807-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005807-PC
JHU_Ag_5980	SAVLAALEEEEREK	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	121	1.37E-11	1	1573.812	3.06	Head	2L:+:21531455-21531496;2L:+:21531455-21531496;2L:+:21531455-21531496	exon=> In CDS Exon 2 of transcript AGAP005807-PA;exon=> In CDS Exon 2 of transcript AGAP005807-PC;exon=> In CDS Exon 2 of transcript AGAP005807-PD
JHU_Ag_11385	NALNNTYPGYR	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	57	3.29E-05	1	1282.617	-0.4	Head	2L:+:21609507-21609539;2L:+:21609507-21609539;2L:+:21609507-21609539	exon=> In CDS Exon 7 of transcript AGAP005807-PA;exon=> In CDS Exon 6 of transcript AGAP005807-PC;exon=> In CDS Exon 6 of transcript AGAP005807-PD
JHU_Ag_12204	NALNNTYPGYR	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	53	6.29E-05	2	1282.618	0.17	Male reproductive organs	2L:+:21609507-21609539;2L:+:21609507-21609539;2L:+:21609507-21609539	exon=> In CDS Exon 7 of transcript AGAP005807-PA;exon=> In CDS Exon 6 of transcript AGAP005807-PC;exon=> In CDS Exon 6 of transcript AGAP005807-PD
JHU_Ag_24911	APPGTQHHA	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	35	0.002163497	1	915.443	0.34	Head	2L:+:21609540-21609566;2L:+:21609540-21609566;2L:+:21609540-21609566	exon=> In CDS Exon 7 of transcript AGAP005807-PA;exon=> In CDS Exon 6 of transcript AGAP005807-PC;exon=> In CDS Exon 6 of transcript AGAP005807-PD
JHU_Ag_37880	LAQQPAFRPR	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	40	0.000733232	1	1183.672	1.72	Malpighian tubule	2L:+:21598913-21598942;2L:+:21598913-21598942;2L:+:21598913-21598942	exon=> In CDS Exon 6 of transcript AGAP005807-PA;exon=> In CDS Exon 5 of transcript AGAP005807-PC;exon=> In CDS Exon 5 of transcript AGAP005807-PD
JHU_Ag_40526	SAVLAALEEEER	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	85	5.83E-08	1	1316.672	2.17	Head	2L:+:21531455-21531490;2L:+:21531455-21531490;2L:+:21531455-21531490	exon=> In CDS Exon 2 of transcript AGAP005807-PA;exon=> In CDS Exon 2 of transcript AGAP005807-PC;exon=> In CDS Exon 2 of transcript AGAP005807-PD

JHU_Ag_41655	DYADFFAK	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	49	0.000108645	2	976.439	-1.84	Head	2L:+:21609483-21609506;2L:+:21609483-21609506;2L:+:21609483-21609506	exon=> In CDS Exon 7 of transcript AGAP005807-PA;exon=> In CDS Exon 6 of transcript AGAP005807-PC;exon=> In CDS Exon 6 of transcript AGAP005807-PD
JHU_Ag_59875	DYADFFAK	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	43	0.000405516	1	976.439	-1.89	Male reproductive organs	2L:+:21609483-21609506;2L:+:21609483-21609506;2L:+:21609483-21609506	exon=> In CDS Exon 7 of transcript AGAP005807-PA;exon=> In CDS Exon 6 of transcript AGAP005807-PC;exon=> In CDS Exon 6 of transcript AGAP005807-PD
JHU_Ag_65149	LAQQPAFRPR	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	35	0.001765436	1	1183.673	2.55	Male reproductive organs	2L:+:21598913-21598942;2L:+:21598913-21598942;2L:+:21598913-21598942	exon=> In CDS Exon 6 of transcript AGAP005807-PA;exon=> In CDS Exon 5 of transcript AGAP005807-PC;exon=> In CDS Exon 5 of transcript AGAP005807-PD
JHU_Ag_69218	EPPMSQEPAPVYQTQPVAAIYQGGSNMR	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	M4(Oxidation), M27(Oxidation)	82	8.84E-08	3	3078.435	1.74	Head	2L:+:21590880-21590946,21598827-21598843;2L:+:21590880-21590946,21598827-21598843;2L:+:21590880-21590946,21598827-21598843	exon=> In CDS Exon 5 and 6 of transcript AGAP005807-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP005807-PC;exon=> In CDS Exon 4 and 5 of transcript AGAP005807-PD
JHU_Ag_89635	RQSEVDNEER	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	41	0.000679583	2	1261.575	-1.71	Head	2L:+:21598877-21598906;2L:+:21598877-21598906;2L:+:21598877-21598906	exon=> In CDS Exon 6 of transcript AGAP005807-PA;exon=> In CDS Exon 5 of transcript AGAP005807-PC;exon=> In CDS Exon 5 of transcript AGAP005807-PD
JHU_Ag_98165	SAVLAALEEEER	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	75	5.84E-07	1	1316.670	0.31	Male reproductive organs	2L:+:21531455-21531490;2L:+:21531455-21531490;2L:+:21531455-21531490	exon=> In CDS Exon 2 of transcript AGAP005807-PA;exon=> In CDS Exon 2 of transcript AGAP005807-PC;exon=> In CDS Exon 2 of transcript AGAP005807-PD
JHU_Ag_103990	NALNNTYPGYRAPPGTQHHA	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	44	0.000571205	1	2179.047	1.98	Malpighian tubule	2L:+:21609507-21609566;2L:+:21609507-21609566;2L:+:21609507-21609566	exon=> In CDS Exon 7 of transcript AGAP005807-PA;exon=> In CDS Exon 6 of transcript AGAP005807-PC;exon=> In CDS Exon 6 of transcript AGAP005807-PD
JHU_Ag_107274	SAVLAALEEEEREK	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	107	3.35E-10	1	1573.813	4.14	Malpighian tubule	2L:+:21531455-21531496;2L:+:21531455-21531496;2L:+:21531455-21531496	exon=> In CDS Exon 2 of transcript AGAP005807-PA;exon=> In CDS Exon 2 of transcript AGAP005807-PC;exon=> In CDS Exon 2 of transcript AGAP005807-PD
JHU_Ag_112188	LAQQPAFRPR	AGAP005807-PA,AGAP005807-PC,AGAP005807-PD	-	36	0.001604136	1	1183.670	0.49	Head	2L:+:21598913-21598942;2L:+:21598913-21598942;2L:+:21598913-21598942	exon=> In CDS Exon 6 of transcript AGAP005807-PA;exon=> In CDS Exon 5 of transcript AGAP005807-PC;exon=> In CDS Exon 5 of transcript AGAP005807-PD
JHU_Ag_18031	RIDFDDPSTTKPPSLAK	AGAP005807-PD	-	62	7.11E-06	1	1887.979	-1.12	Head	2L:+:21523755-21523756,21531406-21531454	exon=> In CDS Exon 1 and 2 of transcript AGAP005807-PD

JHU_Ag_41274	RIDFDDPSTTKPPSLAK	AGAP005807-PD	-	51	9.65E-05	1	1887.981	0.14	Male reproductive organs	2L:+:21523755-21523756,21531406-21531454	exon=> In CDS Exon 1 and 2 of transcript AGAP005807-PD
JHU_Ag_60042	IDFDDPSTTKPPSLAK	AGAP005807-PD	-	91	9.66E-09	1	1731.887	4.02	Head	2L:+:21531407-21531454	exon=> In CDS Exon 2 of transcript AGAP005807-PD
JHU_Ag_538	AHYNEFEAIK	AGAP005809-PA	-	45	0.000402322	2	1221.588	-1.71	Head	2L:-:21621941-21621912	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_1207	KAHYNEFEAIK	AGAP005809-PA	-	58	2.87E-05	1	1349.681	-2.87	Ovary	2L:-:21621944-21621912	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_1930	SDAVSEEDLDDDDDEEEEEELTEEQK	AGAP005809-PA	-	145	2.17E-15	1	3042.168	-1.3	Ovary	2L:-:21622052-21621975	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_16090	LIEEDDEEDEDEDGEEQR	AGAP005809-PA	-	141	1.14E-14	2	2193.845	0.83	Head	2L:-:21621899-21621846	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_39382	TPYNYVESDDVDQLDAELLAER	AGAP005809-PA	-	178	2.03E-17	1	2555.180	0.78	Ovary	2L:-:21622213-21622310,21621668-21622074	exon=> In CDS Exon 3 and 2 of transcript AGAP005809-PA
JHU_Ag_47857	FDELNVLQTHHPPDK	AGAP005809-PA	-	64	6.39E-06	1	1789.884	-1.62	Head	2L:-:21622291-21622247	exon=> In CDS Exon 2 of transcript AGAP005809-PA
JHU_Ag_48322	ATGSSSSSGPSTVNPAGAIAVDGSAGK	AGAP005809-PA	-	165	4.84E-16	1	2333.121	-0.43	Ovary	2L:-:21621839-21621759	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_48928	FDELNVLQTHHPPDKDYGHMK	AGAP005809-PA	M20(Oxidation)	109	1.79E-10	1	2537.184	-1.63	Ovary	2L:-:21622291-21622229	exon=> In CDS Exon 2 of transcript AGAP005809-PA
JHU_Ag_56332	KLIEEDDEEDEDEDGEEQR	AGAP005809-PA	-	101	1.81E-10	1	2321.940	0.89	Malpighian tubule	2L:-:21621902-21621846	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_58115	FDELNVLQTHHPPDK	AGAP005809-PA	-	63	7.32E-06	2	1789.896	4.87	Ovary	2L:-:21622291-21622247	exon=> In CDS Exon 2 of transcript AGAP005809-PA
JHU_Ag_74830	ATGSSSSSGPSTVNPAGAIAVDGSAGK	AGAP005809-PA	-	115	4.07E-11	2	2333.120	-0.54	Head	2L:-:21621839-21621759	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_86847	HSAASSVHR	AGAP005809-PA	-	43	0.000526409	2	951.474	-1.18	Head	2L:-:21622416-21622494,21622149-21622304	exon=> In CDS Exon 2 and 1 of transcript AGAP005809-PA
JHU_Ag_94345	AHYNEFEAIK	AGAP005809-PA	-	43	0.000606141	1	1221.588	-1.41	Ovary	2L:-:21621941-21621912	exon=> In CDS Exon 3 of transcript AGAP005809-PA
JHU_Ag_73293	LHCSMLAEDAIK	AGAP005813-PA	C3(Carbamidomethyl), M5(Oxidation)	56	3.02E-05	1	1403.660	-4.44	Head	2L:+:21633112-21633147	exon=> In CDS Exon 1 of transcript AGAP005813-PA
JHU_Ag_80691	TLDQAGQLK	AGAP005813-PA	-	37	0.003521121	2	973.532	0.91	Ovary	2L:+:21633043-21633069	exon=> In CDS Exon 1 of transcript AGAP005813-PA
JHU_Ag_18781	MSHREILQSIR	AGAP005814-PA	N-Term(Acetyl), Q8(Deamidated)	48	0.000173057	1	1412.749	12.51	Ovary	2L:+:21634412-21634444	exon=> In CDS Exon 1 of transcript AGAP005814-PA
JHU_Ag_24078	MSHREILQSIR	AGAP005814-PA	M1(Oxidation), Q8(Deamidated)	52	8.31E-05	1	1386.728	8.62	Ovary	2L:+:21634412-21634444	exon=> In CDS Exon 1 of transcript AGAP005814-PA
JHU_Ag_38920	SSAPTAAGDDFDDIETFKPVNIDVNTLR	AGAP005814-PA	-	33	0.006633161	1	3008.448	-0.2	Ovary	2L:+:21636431-21636514	exon=> In CDS Exon 3 of transcript AGAP005814-PA
JHU_Ag_63765	DNIEGSQEHTK	AGAP005814-PA	-	46	0.000182008	1	1257.573	2.11	Head	2L:+:21635567-21635599	exon=> In CDS Exon 2 of transcript AGAP005814-PA
JHU_Ag_96363	MSHREILQSIR	AGAP005814-PA	M1(Oxidation), Q8(Deamidated)	45	0.000391365	2	1386.726	6.95	Midgut	2L:+:21634412-21634444	exon=> In CDS Exon 1 of transcript AGAP005814-PA
JHU_Ag_116925	SSAPTAAGDDFDDIETFKPVNIDVNTLR	AGAP005814-PA	-	115	4.57E-11	1	3008.457	2.97	Head	2L:+:21636431-21636514	exon=> In CDS Exon 3 of transcript AGAP005814-PA
JHU_Ag_53961	DTVDLPYAQANR	AGAP005815-PA	-	42	0.001070225	2	1362.666	0.7	Head	2L:-:21640158-21640123	exon=> In CDS Exon 2 of transcript AGAP005815-PA
JHU_Ag_67704	APSALSYDHGGETGSDIYVTSAAYK	AGAP005815-PA	-	46	0.000327947	3	2560.191	2.74	Visceras	2L:-:21639933-21639859	exon=> In CDS Exon 2 of transcript AGAP005815-PA
JHU_Ag_38132	LVAIIR	AGAP005816-PA,AGAP005816-PB	-	31	0.000752348	1	684.477	0.23	Head	2L:+:21818164-21818181;2L:+:21818164-21818181	exon=> In CDS Exon 6 of transcript AGAP005816-PA;exon=> In CDS Exon 6 of transcript AGAP005816-PB

JHU_Ag_50458	LVAIIR	AGAP005816-PA,AGAP005816-PB	-	25	0.002632806	1	684.479	3.97	Larva	2L:+:21818164-21818181;2L:+:21818164-21818181	exon=> In CDS Exon 6 of transcript AGAP005816-PA;exon=> In CDS Exon 6 of transcript AGAP005816-PB
JHU_Ag_67977	HSTSSIDTASCFYQIR	AGAP005816-PA,AGAP005816-PB	C11(Carbamidomethyl)	76	2.58E-07	2	1872.850	-2.47	Head	2L:+:21819121-21819168;2L:+:21819121-21819168	exon=> In CDS Exon 7 of transcript AGAP005816-PA;exon=> In CDS Exon 7 of transcript AGAP005816-PB
JHU_Ag_26491	AQPTATQAFPATR	AGAP005818-PA	-	51	0.000108227	2	1359.700	-0.82	Midgut	2L:+:21831463-21831501	exon=> In CDS Exon 1 of transcript AGAP005818-PA
JHU_Ag_33455	AIGLELAER	AGAP005818-PA	-	42	0.000802743	2	971.552	-0.03	Male reproductive organs	2L:+:21831613-21831639	exon=> In CDS Exon 1 of transcript AGAP005818-PA
JHU_Ag_83970	AQPTATQAFPATR	AGAP005818-PA	-	71	1.15E-06	2	1359.702	0.62	Male reproductive organs	2L:+:21831463-21831501	exon=> In CDS Exon 1 of transcript AGAP005818-PA
JHU_Ag_106722	AQPTATQAFPATR	AGAP005818-PA	-	55	4.21E-05	1	1359.702	0.17	Head	2L:+:21831463-21831501	exon=> In CDS Exon 1 of transcript AGAP005818-PA
JHU_Ag_40410	MSIAVHWAK	AGAP005820-PA	N-Term(Acetyl), M1(Oxidation)	33	0.005440455	1	1100.552	-3.5	Malpighian tubule	2L:-:21836506-21836480	exon=> In CDS Exon 1 of transcript AGAP005820-PA
JHU_Ag_10613	YNYEFDKIPR	AGAP005822-PA	-	70	1.21E-06	1	1344.658	-0.14	Salivary gland	2L:+:21866657-21866686	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_11619	MTGVASGSLDSSGNVVQNTAR	AGAP005822-PA	M1(Oxidation)	101	1.21E-09	2	2066.982	2.42	Head	2L:+:21865625-21865687	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_13764	MTGVASGSLDSSGNVVQNTAR	AGAP005822-PA	M1(Oxidation)	175	5.82E-17	1	2066.982	2.42	Salivary gland	2L:+:21865625-21865687	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_15706	VVLDSLVESGSPIFQGLSNAAR	AGAP005822-PA	-	90	6.26E-09	1	2259.211	5.53	Head	2L:+:21865781-21865846	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_17502	LALSVTSSVPGADICYAR	AGAP005822-PA	C15(Carbamidomethyl)	70	1.50E-06	1	1879.959	0.19	Salivary gland	2L:+:21866603-21866656	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_26433	VVLDSLVESGSPIFQGLSNAAR	AGAP005822-PA	Q15(Deamidated),N19(Deamidated)	171	6.15E-17	1	2259.201	1.51	Salivary gland	2L:+:21865781-21865846	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_28104	TLQSVGGGLSGALSLTQAQLDAETSNYEQCLGGLVPGSSDVLKR	AGAP005822-PA	C30(Carbamidomethyl)	248	1.02E-24	1	4477.255	0.65	Salivary gland	2L:+:21866732-21866863	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_31812	MTGVASGSLDSSGNVVQNTAR	AGAP005822-PA	M1(Oxidation)	110	1.58E-10	1	2066.977	-0.3	Midgut	2L:+:21865625-21865687	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_45064	TIAAVTDLAWR	AGAP005822-PA	-	93	6.02E-09	1	1216.671	1.7	Salivary gland	2L:+:21866570-21866602	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_45832	VLHLLDQFQSITESLYGLQTPTLYR	AGAP005822-PA	-	108	6.80E-11	1	2935.562	1.77	Salivary gland	2L:+:21865688-21865762	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_48422	LWSSIANCLS	AGAP005822-PA	C8(Carbamidomethyl)	65	4.89E-06	2	1150.560	2.89	Salivary gland	2L:+:21867044-21867073	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_52367	TSGHLMVAEVK	AGAP005822-PA	M6(Oxidation)	89	2.47E-08	1	1187.610	1.12	Salivary gland	2L:+:21867008-21867040	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_54282	RLNGILLDYVNIGQATVPQINAVVNR	AGAP005822-PA	N11(Deamidated),N3(Deamidated)	119	1.81E-12	1	2850.596	0.42	Salivary gland	2L:+:21866138-21866215	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_54761	RLWSSIANCLS	AGAP005822-PA	C9(Carbamidomethyl)	72	1.30E-06	1	1306.661	2.51	Salivary gland	2L:+:21867041-21867073	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_54936	LIYGSLVACGQGEAR	AGAP005822-PA	C9(Carbamidomethyl)	111	1.05E-10	1	1593.807	1.02	Head	2L:+:21866687-21866731	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_56487	TIAAVTDLAWR	AGAP005822-PA	-	73	5.98E-07	2	1216.672	3.21	Head	2L:+:21866570-21866602	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_64374	LIYGSLVACGQGEAR	AGAP005822-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), Q11(Deamidated)"	124	6.07E-12	1	1593.805	-0.43	Salivary gland	2L:+:21866687-21866731	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_65632	VVLDSLVESGSPIFQGLSNAAR	AGAP005822-PA	-	67	1.78E-06	1	2259.198	-0.14	Midgut	2L:+:21865781-21865846	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_66215	LNGILLDYVNIGQATVPQINAVVNR	AGAP005822-PA	N2(Deamidated)	68	3.38E-07	1	2694.508	5.22	Salivary gland	2L:+:21866141-21866215	exon=> In CDS Exon 1 of transcript AGAP005822-PA

JHU_Ag_70590	YNYEFDK	AGAP005822-PA	-	52	3.34E-05	2	978.421	0.79	Salivary gland	2L:+:21866657-21866677	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_73607	ELSYSAER	AGAP005822-PA	-	58	1.54E-05	2	954.453	-0.24	Salivary gland	2L:+:21866966-21866989	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_80614	FSGVLGDAVVDAQLSAFQALLQK	AGAP005822-PA	-	148	9.49E-15	1	2377.279	1.19	Salivary gland	2L:+:21866897-21866965	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_82702	VVLDSLVESGSPIFQGLSNAAR	AGAP005822-PA	-	144	3.06E-14	1	2259.207	4.15	Visceras	2L:+:21865781-21865846	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_84662	LFFLDDLEELQLVAR	AGAP005822-PA	-	133	4.04E-13	1	1820.985	3.31	Salivary gland	2L:+:21866408-21866452	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_85123	MMDGFIGR	AGAP005822-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	52	3.14E-05	2	942.416	-1.01	Salivary gland	2L:+:21866222-21866245	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_91675	TSGHLMVAEVKR	AGAP005822-PA	M6(Oxidation)	91	9.44E-09	1	1343.713	1.81	Salivary gland	2L:+:21867008-21867043	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_95561	LAAVTGGLWSDLNR	AGAP005822-PA	-	130	1.09E-12	1	1472.790	2.66	Salivary gland	2L:+:21866246-21866287	exon=> In CDS Exon 1 of transcript AGAP005822-PA
JHU_Ag_2887	LLEWDVVMTK	AGAP005824-PA	M8(Oxidation)	57	2.91E-05	2	1249.650	0.55	Midgut	2L:+:22052257-22052286	exon=> In CDS Exon 2 of transcript AGAP005824-PA
JHU_Ag_19799	QFVSFMLNFVPLR	AGAP005824-PA	-	63	4.42E-06	1	1597.857	0.68	Midgut	2L:+:22052287-22052325	exon=> In CDS Exon 2 of transcript AGAP005824-PA
JHU_Ag_21917	LLEWDVVMTK	AGAP005824-PA	M8(Oxidation)	71	1.19E-06	1	1249.649	-0.82	Larva	2L:+:22052257-22052286	exon=> In CDS Exon 2 of transcript AGAP005824-PA
JHU_Ag_70465	FSFPSGHVSR	AGAP005824-PA	-	42	0.001050022	1	1120.552	-1.26	Head	2L:+:22052557-22052586	exon=> In CDS Exon 2 of transcript AGAP005824-PA
JHU_Ag_89826	RPAINDDPLCFGPDK	AGAP005824-PA	C10(Carbamidomethyl)	59	2.27E-05	1	1714.827	3.2	Malpighian tubule	2L:+:22052512-22052556	exon=> In CDS Exon 2 of transcript AGAP005824-PA
JHU_Ag_33195	LKVEETDPELYYSIDNEAYEVRPVR	AGAP005825-PA	-	62	7.98E-06	1	3027.504	2.93	Malpighian tubule	2L:-:22053052-22052978	exon=> In CDS Exon 4 of transcript AGAP005825-PA
JHU_Ag_41972	SSEEDFHDYCEPILHLAGFEVDLVK	AGAP005825-PA	C10(Carbamidomethyl)	58	1.72E-05	1	2949.365	1.37	Malpighian tubule	2L:-:22054110-22054231,22053245-22053971	exon=> In CDS Exon 3 and 2 of transcript AGAP005825-PA
JHU_Ag_47247	TMANAAYAVIAGK	AGAP005825-PA	M2(Oxidation)	62	7.87E-06	2	1296.662	-0.04	Midgut	2L:-:22053736-22053698	exon=> In CDS Exon 3 of transcript AGAP005825-PA
JHU_Ag_74790	HEIEVEPSELVIK	AGAP005825-PA	-	66	2.23E-06	1	1521.817	0.64	Malpighian tubule	2L:-:22053292-22053254	exon=> In CDS Exon 3 of transcript AGAP005825-PA
JHU_Ag_104958	HEIEVEPSELVIK	AGAP005825-PA	-	92	5.51E-09	1	1521.820	2.32	Head	2L:-:22053292-22053254	exon=> In CDS Exon 3 of transcript AGAP005825-PA
JHU_Ag_30037	GSLHDDNESVHSNGSQQGGGGHFDLK	AGAP005828-PA	-	44	0.000293806	1	2679.177	-0.27	Head	2L:-:22068965-22068888	exon=> In CDS Exon 6 of transcript AGAP005828-PA
JHU_Ag_55191	YTPHHGLEVK	AGAP005828-PA	-	44	0.000464099	1	1180.602	-7.2	Head	2L:-:22069373-22069344	exon=> In CDS Exon 6 of transcript AGAP005828-PA
JHU_Ag_99222	DQSLSPQSVSQQASPVHPAGSDYGVLGSR	AGAP005828-PA	-	170	1.41E-16	1	2954.429	1.65	Head	2L:-:22069214-22069128	exon=> In CDS Exon 6 of transcript AGAP005828-PA
JHU_Ag_26659	TNVAPMPIIAQPPVGR	AGAP005828-PA,AGAP005828-PB	M6(Oxidation)	80	5.98E-08	1	1660.920	-0.2	Head	2L:-:22073525-22073478;2L:-:22073525-22073478	exon=> In CDS Exon 5 of transcript AGAP005828-PA;exon=> In CDS Exon 5 of transcript AGAP005828-PB
JHU_Ag_35520	MHITASPNTNLFGPTFTTTEER	AGAP005828-PA,AGAP005828-PB	M1(Oxidation)	66	4.11E-06	1	2481.171	-0.3	Head	2L:-:22073953-22074051,22073364-22073550;2L:-:22073953-22074051,22073364-22073550	exon=> In CDS Exon 5 and 4 of transcript AGAP005828-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP005828-PB

JHU_Ag_8023	EENIQPDELAIDRPSEK	AGAP005828-PA,AGAP005828-PB,AGAP005828-PC	-	51	0.000112161	1	1982.973	3.18	Head	2L:-:22074648-22074598;2L:-:22074648-22074598;2L:-:22074648-22074598	exon=> In CDS Exon 3 of transcript AGAP005828-PA;exon=> In CDS Exon 3 of transcript AGAP005828-PB;exon=> In CDS Exon 3 of transcript AGAP005828-PC
JHU_Ag_36510	FNMHPLFR	AGAP005828-PA,AGAP005828-PB,AGAP005828-PC	M3(Oxidation)	41	0.001419537	1	1077.530	-0.27	Head	2L:-:22076833-22076810;2L:-:22076833-22076810;2L:-:22076833-22076810	exon=> In CDS Exon 1 of transcript AGAP005828-PA;exon=> In CDS Exon 1 of transcript AGAP005828-PB;exon=> In CDS Exon 1 of transcript AGAP005828-PC
JHU_Ag_43088	NSDHHIYLMFESNDR	AGAP005828-PA,AGAP005828-PB,AGAP005828-PC	M9(Oxidation)	78	1.08E-07	1	1893.817	-0.7	Head	2L:-:22074942-22074898;2L:-:22074942-22074898;2L:-:22074942-22074898	exon=> In CDS Exon 2 of transcript AGAP005828-PA;exon=> In CDS Exon 2 of transcript AGAP005828-PB;exon=> In CDS Exon 2 of transcript AGAP005828-PC
JHU_Ag_84890	INNSLLPTGFVAQSR	AGAP005828-PA,AGAP005828-PB,AGAP005828-PC	-	52	6.37E-05	1	1616.879	2.26	Visceras	2L:-:22076794-22076750;2L:-:22076794-22076750;2L:-:22076794-22076750	exon=> In CDS Exon 1 of transcript AGAP005828-PA;exon=> In CDS Exon 1 of transcript AGAP005828-PB;exon=> In CDS Exon 1 of transcript AGAP005828-PC
JHU_Ag_116929	INNSLLPTGFVAQSR	AGAP005828-PA,AGAP005828-PB,AGAP005828-PC	-	104	3.98E-10	1	1616.876	0.37	Head	2L:-:22076794-22076750;2L:-:22076794-22076750;2L:-:22076794-22076750	exon=> In CDS Exon 1 of transcript AGAP005828-PA;exon=> In CDS Exon 1 of transcript AGAP005828-PB;exon=> In CDS Exon 1 of transcript AGAP005828-PC
JHU_Ag_12761	AVNVHFTGQTTENLSR	AGAP005829-PA	N-Term(Acetyl)	71	1.26E-06	1	1815.908	5.39	Male reproductive organs	2L:+:22088621-22088668	exon=> In CDS Exon 1 of transcript AGAP005829-PA
JHU_Ag_37404	RAEQQLDEEFGFE	AGAP005832-PA	-	72	6.29E-07	1	1597.719	3.8	Head	2L:+:22292527-22292550,22292668-22292682	exon=> In CDS Exon 8 and 9 of transcript AGAP005832-PA
JHU_Ag_13958	RAEQQLDENKPQEALAAFDR	AGAP005832-PB	-	84	6.74E-08	1	2329.161	3.43	Ovary	2L:+:22292527-22292550,22293904-22293939	exon=> In CDS Exon 8 and 9 of transcript AGAP005832-PB
JHU_Ag_13347	QPSAGAAQAAK	AGAP005832-PB,AGAP005832-PA	-	88	1.59E-08	2	999.524	2.01	Head	2L:+:22286886-22286918;2L:+:22286886-22286918	exon=> In CDS Exon 2 of transcript AGAP005832-PB;exon=> In CDS Exon 2 of transcript AGAP005832-PA
JHU_Ag_21264	DNNDNENAAAEQDDDDENEEDNNK	AGAP005832-PB,AGAP005832-PA	-	16	0.007605386	3	2736.994	3.21	Head	2L:+:22288186-22288257;2L:+:22288186-22288257	exon=> In CDS Exon 4 of transcript AGAP005832-PB;exon=> In CDS Exon 4 of transcript AGAP005832-PA
JHU_Ag_59655	AAAEPEEETSQIPSR	AGAP005832-PB,AGAP005832-PA	-	79	1.99E-07	1	1614.763	1.52	Visceras	2L:+:22289244-22289274,22292474-22292487;2L:+:22289244-22289274,22292474-22292487	exon=> In CDS Exon 7 and 8 of transcript AGAP005832-PB;exon=> In CDS Exon 7 and 8 of transcript AGAP005832-PA

JHU_Ag_87329	AAAEPEEETSQIPSR	AGAP005832-PB,AGAP005832-PA	-	113	8.08E-11	1	1614.765	2.73	Head	2L:+:22289244-22289274,22292474-22292487;2L:+:22289244-22289274,22292474-22292487	exon=> In CDS Exon 7 and 8 of transcript AGAP005832-PB;exon=> In CDS Exon 7 and 8 of transcript AGAP005832-PA
JHU_Ag_98406	YSEFFNGWVDENR	AGAP005832-PB,AGAP005832-PA	-	96	1.65E-09	2	1662.722	2.17	Head	2L:+:22287090-22287128;2L:+:22287090-22287128	exon=> In CDS Exon 2 of transcript AGAP005832-PB;exon=> In CDS Exon 2 of transcript AGAP005832-PA
JHU_Ag_101937	ETTVHAPK	AGAP005832-PB,AGAP005832-PA	-	39	0.001062877	1	882.464	-4.83	Head	2L:+:22286862-22286885;2L:+:22286862-22286885	exon=> In CDS Exon 2 of transcript AGAP005832-PB;exon=> In CDS Exon 2 of transcript AGAP005832-PA
JHU_Ag_5002	APILFPDFR	AGAP005833-PA	-	39	0.001227452	1	1075.594	0.57	Pupa	2L:-:22296305-22296279	exon=> In CDS Exon 3 of transcript AGAP005833-PA
JHU_Ag_76500	YEAFIGIPFAKPPVGPLR	AGAP005833-PA	-	38	0.000575285	1	1972.109	1.57	Pupa	2L:-:22297770-22297717	exon=> In CDS Exon 1 of transcript AGAP005833-PA
JHU_Ag_5778	NENQVYQSLDCDVQEFVR	AGAP005834-PA	C11(Carbamidomethyl)	100	1.15E-09	2	2243.013	4.16	Male reproductive organs	2L:-:22299499-22299446	exon=> In CDS Exon 6 of transcript AGAP005834-PA
JHU_Ag_42931	DATLFGELQR	AGAP005834-PA	-	73	8.00E-07	1	1149.590	-0.03	Male reproductive organs	2L:-:22300153-22300124	exon=> In CDS Exon 4 of transcript AGAP005834-PA
JHU_Ag_82512	STAMVVDVMGADR	AGAP005834-PA	M4(Oxidation), M9(Oxidation)	58	1.48E-05	2	1383.629	3.31	Male reproductive organs	2L:-:22300518-22300480	exon=> In CDS Exon 3 of transcript AGAP005834-PA
JHU_Ag_88359	NGNYQQVPYLAGFVPNEGAIR	AGAP005834-PA	Q5(Deamidated),Q6(Deamidated),N1(Deamidated),N3(Deamidated)	61	1.16E-05	2	2308.139	1.6	Male reproductive organs	2L:-:22300234-22300172	exon=> In CDS Exon 4 of transcript AGAP005834-PA
JHU_Ag_99889	AIMMSGNSLVPWNIPTKDPLALAR	AGAP005834-PA	M3(Oxidation), M4(Oxidation)	105	2.68E-10	1	2627.372	1.22	Male reproductive organs	2L:-:22300590-22300519	exon=> In CDS Exon 3 of transcript AGAP005834-PA
JHU_Ag_11025	SCEANNIQTVTFGNAK	AGAP005837-PA	C2(Carbamidomethyl)	66	3.45E-06	2	1753.822	2.36	Head	2L:-:22316752-22316705	exon=> In CDS Exon 4 of transcript AGAP005837-PA
JHU_Ag_57019	SCEANNIQTVTFGNAK	AGAP005837-PA	C2(Carbamidomethyl)	87	3.26E-08	2	1753.825	4.45	Malpighian tubule	2L:-:22316752-22316705	exon=> In CDS Exon 4 of transcript AGAP005837-PA
JHU_Ag_57909	LVGVSEADELTTAELVDVLQYLDAK	AGAP005837-PA	-	49	0.000107686	3	2691.405	2.75	Pupa	2L:-:22317650-22317576	exon=> In CDS Exon 2 of transcript AGAP005837-PA
JHU_Ag_2281	SSSFDSSTAIDEFFKN	AGAP005838-PA	-	85	3.13E-08	2	1781.793	3.71	Visceras	2L:-:22322264-22322217	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_9178	ALAENTTK	AGAP005838-PA	N-Term(Acetyl)	43	0.000945289	1	889.462	-0.54	Midgut	2L:-:22322642-22322619	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_12449	SSSFDSSTAIDEFFK	AGAP005838-PA	-	62	5.74E-06	1	1667.746	1.16	Midgut	2L:-:22322264-22322220	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_15286	TEMTLTETSTPVISK	AGAP005838-PA	M3(Oxidation)	63	7.33E-06	2	1637.832	1.01	Head	2L:-:22322618-22322574	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_20084	ALAENTTK	AGAP005838-PA	N-Term(Acetyl)	47	0.00042449	2	889.465	2.88	Visceras	2L:-:22322642-22322619	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_23243	SMVEESANSITK	AGAP005838-PA	M2(Oxidation)	84	4.85E-08	2	1311.608	-1.17	Midgut	2L:-:22322486-22322451	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_41492	SESAFASER	AGAP005838-PA	-	59	1.05E-05	2	983.444	1.37	Visceras	2L:-:22322438-22322412	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_44243	TEMTLTETSTPVISK	AGAP005838-PA	M3(Oxidation)	80	1.52E-07	1	1637.831	0.49	Visceras	2L:-:22322618-22322574	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_53173	TEMTLTETSTPVISK	AGAP005838-PA	M3(Oxidation)	86	3.43E-08	1	1653.828	1.71	Ovary	2L:-:22322618-22322574	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_54966	SMVEESANSITK	AGAP005838-PA	M2(Oxidation)	81	9.46E-08	2	1311.607	-2.19	Head	2L:-:22322486-22322451	exon=> In CDS Exon 1 of transcript AGAP005838-PA

JHU_Ag_63873	SVTESVSDGGALASSLLSSSSLSSSVTSSK	AGAP005838-PA	-	140	1.28E-13	2	2817.391	2.15	Head	2L:-:22322411-22322322	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_69190	SESAFASER	AGAP005838-PA	-	55	2.43E-05	2	983.443	0.13	Midgut	2L:-:22322438-22322412	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_77503	SSSFDSSTAIDEFFKN	AGAP005838-PA	-	99	1.42E-09	2	1781.790	1.86	Head	2L:-:22322264-22322217	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_88363	TEMTLTETSTPVISK	AGAP005838-PA	-	79	2.04E-07	1	1637.834	2.13	Midgut	2L:-:22322618-22322574	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_89092	VVSSSFSSSTSSSISSSIK	AGAP005838-PA	-	97	2.94E-09	2	1863.923	2.3	Midgut	2L:-:22322321-22322265	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_89604	SSSFDSSTAIDEFFKN	AGAP005838-PA	-	81	8.67E-08	2	1781.791	2.69	Malpighian tubule	2L:-:22322264-22322217	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_89923	SSSFDSSTAIDEFFK	AGAP005838-PA	-	109	1.11E-10	1	1667.747	2.26	Head	2L:-:22322264-22322220	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_91192	SESAFASER	AGAP005838-PA	-	56	2.11E-05	2	983.444	1.25	Ovary	2L:-:22322438-22322412	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_96916	SVTESVSDGGALASSLLSSSSLSSSVTSSK	AGAP005838-PA	-	140	1.47E-13	2	2817.393	2.93	Visceras	2L:-:22322411-22322322	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_98584	SSSFDSSTAIDEFFKN	AGAP005838-PA	-	87	1.71E-08	1	1781.785	-0.94	Ovary	2L:-:22322264-22322217	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_100857	SSSFDSSTAIDEFFKN	AGAP005838-PA	-	101	6.60E-10	2	1781.784	-1.42	Midgut	2L:-:22322264-22322217	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_100961	SVTESVSDGGALASSLLSSSSLSSSVTSSK	AGAP005838-PA	-	116	3.72E-11	2	2817.386	0.24	Midgut	2L:-:22322411-22322322	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_103903	VVSSSFSSSTSSSISSSIK	AGAP005838-PA	-	118	2.43E-11	1	1863.920	1.18	Head	2L:-:22322321-22322265	exon=> In CDS Exon 1 of transcript AGAP005838-PA
JHU_Ag_83620	TPNPLQSSPFLHSIK	AGAP005839-PA	-	45	0.000346917	1	1665.896	0.09	Head	2L:-:22338729-22338685	exon=> In CDS Exon 6 of transcript AGAP005839-PA
JHU_Ag_97955	HSNVPEVTVVADAYMPGSK	AGAP005839-PA	M15(Oxidation)	141	1.33E-13	1	2016.973	1.54	Head	2L:-:22357678-22357622	exon=> In CDS Exon 1 of transcript AGAP005839-PA
JHU_Ag_104097	TPNPLQSSPFLHSIKR	AGAP005839-PA	-	47	0.000103723	1	1821.998	0.62	Salivary gland	2L:-:22338729-22338682	exon=> In CDS Exon 6 of transcript AGAP005839-PA
JHU_Ag_71263	DTTSEGISSSSK	AGAP005840-PA	-	54	3.36E-05	2	1198.546	1.81	Head	2L:+:22411330-22411365	exon=> In CDS Exon 9 of transcript AGAP005840-PA
JHU_Ag_72830	EAAPATGGAAGGVLIDDEETPKEPTDSGTENDR	AGAP005840-PA	-	77	2.05E-07	1	3270.488	-0.14	Head	2L:+:22414305-22414403	exon=> In CDS Exon 12 of transcript AGAP005840-PA
JHU_Ag_94286	DVIDVLPSVK	AGAP005840-PA	-	52	4.01E-05	2	1084.625	-0.21	Head	2L:+:22417759-22417788	exon=> In CDS Exon 14 of transcript AGAP005840-PA
JHU_Ag_99297	SNVTDDHK	AGAP005841-PA	-	27	0.008128518	2	915.418	1.53	Head	2L:+:22419150-22419173	exon=> In CDS Exon 2 of transcript AGAP005841-PA
JHU_Ag_18301	RLPEFIIK	AGAP005843-PA	-	33	0.000895719	1	1015.631	0.6	Head	2L:+:22423864-22423887	exon=> In CDS Exon 3 of transcript AGAP005843-PA
JHU_Ag_36980	LFQAELLGQIK	AGAP005843-PA	-	66	8.71E-07	2	1259.743	5.83	Pupa	2L:+:22423741-22423773	exon=> In CDS Exon 3 of transcript AGAP005843-PA
JHU_Ag_59606	RLPEFIIK	AGAP005843-PA	-	34	0.000824464	2	1015.630	0.12	Visceras	2L:+:22423864-22423887	exon=> In CDS Exon 3 of transcript AGAP005843-PA
JHU_Ag_100018	RLPEFIIK	AGAP005843-PA	-	26	0.004448071	2	1015.632	1.68	Ovary	2L:+:22423864-22423887	exon=> In CDS Exon 3 of transcript AGAP005843-PA
JHU_Ag_104111	LFQAELLGQIK	AGAP005843-PA	-	65	1.25E-06	2	1259.739	2.25	Visceras	2L:+:22423741-22423773	exon=> In CDS Exon 3 of transcript AGAP005843-PA
JHU_Ag_14277	FEDIDAITMFADYR	AGAP005844-PA	M9(Oxidation)	115	2.76E-11	1	1722.767	-0.46	Ovary	2L:+:22425021-22425062	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_20375	HLTVHEEAIEK	AGAP005844-PA	-	67	3.26E-06	1	1305.680	-0.1	Ovary	2L:+:22424382-22424414	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_29205	DEAILEHEADGATIETR	AGAP005844-PA	-	64	6.06E-06	1	1869.885	1.06	Ovary	2L:+:22424895-22424945	exon=> In CDS Exon 1 of transcript AGAP005844-PA

JHU_Ag_38450	ITLEQLESILR	AGAP005844-PA	-	91	4.47E-09	1	1314.764	0.79	Ovary	2L:+:22424685-22424717	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_59297	MAPQLLPAASGELIVKNAR	AGAP005844-PA	N-Term(Acetyl)	27	0.005845505	1	2021.133	5.85	Visceras	2L:+:22424325-22424381	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_66006	GASIYVVER	AGAP005844-PA	-	45	0.000415414	2	993.537	0.75	Ovary	2L:+:22425177-22425203	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_69796	EGIDITNPAYYAK	AGAP005844-PA	-	57	2.66E-05	1	1454.719	1.6	Male reproductive organs	2L:+:22424646-22424684	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_98395	EINIENFSQHEHHPTAK	AGAP005844-PA	-	40	0.001832509	1	2030.960	-3.79	Head	2L:+:22424451-22424501	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_104524	APLLEER	AGAP005844-PA	-	54	2.20E-05	2	827.463	0.46	Ovary	2L:+:22424739-22424759	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_108898	ITLEQLESILR	AGAP005844-PA	-	78	6.31E-08	2	1314.775	8.96	Larva	2L:+:22424685-22424717	exon=> In CDS Exon 1 of transcript AGAP005844-PA
JHU_Ag_130	TEYWLISAPGDK	AGAP005845-PA	N-Term(Acetyl)	57	2.87E-05	1	1421.699	2.95	Head	2L:-:22433662-22433627	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_979	VFVESVLR	AGAP005845-PA	-	45	0.000197102	2	948.551	-0.35	Midgut	2L:-:22427985-22428060,22427755-22427890	exon=> In CDS Exon 7 and 6 of transcript AGAP005845-PA
JHU_Ag_1093	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	79	1.47E-07	2	1629.881	6.79	Larva	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_1487	EFVYNEEELAAGKNEITK	AGAP005845-PA	-	100	1.64E-09	1	2084.017	-0.69	Midgut	2L:-:22428216-22428163	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_1938	FHIPDLK	AGAP005845-PA	-	37	0.001264387	1	869.488	-0.18	Midgut	2L:-:22433554-22433534	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_3194	LDGYVEQTTR	AGAP005845-PA	-	70	1.67E-06	1	1181.582	2.19	Malpighian tubule	2L:-:22433383-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_3829	LDGYVEQTTR	AGAP005845-PA	-	57	3.02E-05	2	1181.581	0.85	Head	2L:-:22433383-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_4798	QSLRNIADIISK	AGAP005845-PA	-	62	3.48E-06	1	1357.783	2.68	Malpighian tubule	2L:-:22428763-22428728	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_5179	VGTLDQLVGLSDDLGKLDGYVEQTTR	AGAP005845-PA	-	176	2.54E-17	1	2792.447	5.66	Larva	2L:-:22433431-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_5484	VFVESVLR	AGAP005845-PA	-	56	1.46E-05	2	948.553	1.39	Salivary gland	2L:-:22427985-22428060,22427755-22427890	exon=> In CDS Exon 7 and 6 of transcript AGAP005845-PA
JHU_Ag_5994	YGLPVNFQAILIHPNKK	AGAP005845-PA	-	58	2.75E-06	1	1952.115	1.76	Head	2L:-:22427889-22427839	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_7233	LYENLQANNNDLTSYITR	AGAP005845-PA	-	125	5.44E-12	1	2142.045	-0.48	Pupa	2L:-:22433305-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA
JHU_Ag_7506	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	106	2.68E-10	1	1629.873	2.14	Head	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_8575	EFVYNEEELAAGK	AGAP005845-PA	-	70	9.98E-07	2	1498.703	-1.86	Pupa	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_8616	QSGSLLTR	AGAP005845-PA	-	51	0.000115709	2	861.480	0.89	Malpighian tubule	2L:-:22428640-22428822,22428463-22428543	exon=> In CDS Exon 4 and 3 of transcript AGAP005845-PA
JHU_Ag_9531	EFVYNEEELAAGK	AGAP005845-PA	-	87	2.18E-08	1	1498.708	1.15	Salivary gland	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_9594	FQWDLAK	AGAP005845-PA	-	40	0.001400015	2	907.467	-0.34	Midgut	2L:-:22428796-22428776	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_9848	ITDMIVPR	AGAP005845-PA	M4(Oxidation)	39	0.00202487	2	960.517	-1.69	Midgut	2L:-:22428354-22428331	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_10661	QNNLCENFK	AGAP005845-PA	C5(Carbamidomethyl)	50	0.000101794	1	1166.527	0.84	Malpighian tubule	2L:-:22433581-22433555	exon=> In CDS Exon 1 of transcript AGAP005845-PA

JHU_Ag_11690	YGLPVNFQAILIHPNK	AGAP005845-PA	-	96	1.25E-09	1	1824.017	0.22	Midgut	2L:-:22427889-22427842	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_12625	EFVYNEEELAAGK	AGAP005845-PA	-	84	4.67E-08	2	1498.702	-2.59	Midgut	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_12776	TEYWLISAPGDKTCQQTWETMNNVTSK	AGAP005845-PA	N-Term(Acetyl), C14(Carbamidomethyl)	39	0.001320456	1	3230.483	1.92	Malpighian tubule	2L:-:22433662-22433582	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_12879	LNIDMVETKV	AGAP005845-PA	-	60	1.89E-05	1	1161.617	-1.26	Salivary gland	2L:-:22427614-22427585	exon=> In CDS Exon 8 of transcript AGAP005845-PA
JHU_Ag_14395	KEHFILDSEYLTTLLVIVPK	AGAP005845-PA	-	72	5.13E-08	1	2358.347	6.42	Salivary gland	2L:-:22428521-22428561,22428136-22428391	exon=> In CDS Exon 5 and 4 of transcript AGAP005845-PA
JHU_Ag_14687	EFVYNEEELAAGKNEITK	AGAP005845-PA	-	48	0.000243138	1	2084.022	1.68	Male reproductive organs	2L:-:22428216-22428163	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_17287	IAAYLGDVLEDQR	AGAP005845-PA	-	109	1.95E-10	2	1462.756	1.59	Malpighian tubule	2L:-:22433350-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_19396	FQWDLAK	AGAP005845-PA	-	42	0.000798238	2	907.467	0.2	Salivary gland	2L:-:22428796-22428776	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_20027	FHIPDLK	AGAP005845-PA	-	42	0.00038626	1	869.488	-0.11	Head	2L:-:22433554-22433534	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_20829	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	89	1.47E-08	2	1629.873	2.37	Salivary gland	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_21279	QVGQIDADLK	AGAP005845-PA	-	44	0.000491517	1	1086.577	-2.13	Ovary	2L:-:22428727-22428698	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_21944	FQWDLAK	AGAP005845-PA	-	45	0.000339144	2	907.470	3.5	Malpighian tubule	2L:-:22428796-22428776	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_23769	QVGQIDADLKTK	AGAP005845-PA	-	88	2.41E-08	1	1315.723	0.94	Malpighian tubule	2L:-:22428727-22428692	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_24262	SSQTITQDQDYVLCTVTLFKK	AGAP005845-PA	C14(Carbamidomethyl)	108	2.00E-10	2	2475.254	4.36	Malpighian tubule	2L:-:22428330-22428268	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_24479	LYENLQANNNDLTSYITR	AGAP005845-PA	-	134	7.29E-13	1	2142.044	-1.05	Midgut	2L:-:22433305-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA
JHU_Ag_24870	TEYWLISAPGDKTCQQTWETMNNVTSK	AGAP005845-PA	N-Term(Acetyl), C14(Carbamidomethyl), M21(Oxidation)	81	9.32E-08	1	3246.481	2.85	Malpighian tubule	2L:-:22433662-22433582	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_26775	VFVESVLR	AGAP005845-PA	-	41	0.000571072	2	948.551	-0.67	Visceras	2L:-:22427985-22428060,22427755-22427890	exon=> In CDS Exon 7 and 6 of transcript AGAP005845-PA
JHU_Ag_29488	ANMGDWNAHYEK	AGAP005845-PA	M3(Oxidation)	87	6.94E-09	1	1451.600	-0.85	Midgut	2L:-:22428390-22428355	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_29694	SSQTITQDQDYVLCTVTLFK	AGAP005845-PA	C14(Carbamidomethyl)	115	4.96E-11	1	2347.144	-2.16	Midgut	2L:-:22428330-22428271	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_30646	VGTLDQLVGLSDDLGKLDGYVEQTTR	AGAP005845-PA	-	249	1.21E-24	1	2792.439	2.78	Malpighian tubule	2L:-:22433431-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_30704	FQWDLAK	AGAP005845-PA	-	43	0.000753586	2	907.467	0	Male reproductive organs	2L:-:22428796-22428776	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_30820	SSQTITQDQDYVLCTVTLFK	AGAP005845-PA	C14(Carbamidomethyl)	42	0.001016637	2	2347.158	3.87	Visceras	2L:-:22428330-22428271	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_31103	FQWDLAK	AGAP005845-PA	-	35	0.004056324	2	907.467	-0.07	Visceras	2L:-:22428796-22428776	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_32138	FHIPDLK	AGAP005845-PA	-	42	0.000376595	1	869.490	2.2	Malpighian tubule	2L:-:22433554-22433534	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_32318	GNLQNLEKK	AGAP005845-PA	-	42	0.000825161	1	1043.584	-0.73	Malpighian tubule	2L:-:22428667-22428641	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_33446	VVDEFKLHAR	AGAP005845-PA	-	65	3.26E-06	1	1213.669	-0.26	Malpighian tubule	2L:-:22428267-22428238	exon=> In CDS Exon 5 of transcript AGAP005845-PA

JHU_Ag_33564	VFVESVLR	AGAP005845-PA	-	41	0.000529883	2	948.553	1.45	Male reproductive organs	2L:-:22427985-22428060,22427755-22427890	exon=> In CDS Exon 7 and 6 of transcript AGAP005845-PA
JHU_Ag_37770	YGLPVNFQAILIHPNKK	AGAP005845-PA	N15(Deamidated)	83	8.04E-09	1	1952.116	2.33	Malpighian tubule	2L:-:22427889-22427839	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_38375	GNLQNLEK	AGAP005845-PA	-	51	0.000154352	1	915.489	-0.97	Malpighian tubule	2L:-:22428667-22428644	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_39579	NIADIISKQVGQIDADLK	AGAP005845-PA	-	107	8.51E-11	1	1941.074	4.59	Malpighian tubule	2L:-:22428751-22428698	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_41416	IAAYLGDVLEDQR	AGAP005845-PA	-	59	1.88E-05	2	1462.754	0.26	Pupa	2L:-:22433350-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_43389	EFVYNEEELAAGK	AGAP005845-PA	-	71	7.91E-07	2	1498.707	0.91	Male reproductive organs	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_43987	IAAYLGDVLEDQRDK	AGAP005845-PA	-	125	4.00E-12	1	1705.879	2.17	Malpighian tubule	2L:-:22433350-22433306	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_44583	VVDEFK	AGAP005845-PA	-	37	0.002679958	2	736.389	1.24	Malpighian tubule	2L:-:22428267-22428250	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_47513	LNIDMVETKV	AGAP005845-PA	M5(Oxidation)	49	0.000210294	2	1177.614	0.18	Male reproductive organs	2L:-:22427614-22427585	exon=> In CDS Exon 8 of transcript AGAP005845-PA
JHU_Ag_48316	EFVYNEEELAAGKNEITK	AGAP005845-PA	-	36	0.00434028	1	2084.018	-0.26	Pupa	2L:-:22428216-22428163	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_48376	VGTLDQLVGLSDDLGKLDGYVEQTTR	AGAP005845-PA	-	162	6.33E-16	1	2792.440	3.1	Midgut	2L:-:22433431-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_51193	NLADLVK	AGAP005845-PA	-	45	0.000526225	1	772.458	2.28	Salivary gland	2L:-:22428542-22428522	exon=> In CDS Exon 4 of transcript AGAP005845-PA
JHU_Ag_51293	DKLYENLQANNNDLTSYITR	AGAP005845-PA	-	166	4.10E-16	1	2385.167	-0.65	Malpighian tubule	2L:-:22433311-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA
JHU_Ag_51570	YGLPVNFQAILIHPNK	AGAP005845-PA	-	37	0.000984493	1	1824.022	3.06	Salivary gland	2L:-:22427889-22427842	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_52162	KQFGPLVR	AGAP005845-PA	-	36	0.001177083	1	944.568	0.6	Malpighian tubule	2L:-:22428144-22428391,22427963-22428046	exon=> In CDS Exon 6 and 5 of transcript AGAP005845-PA
JHU_Ag_52206	ANMGDWNAHYEK	AGAP005845-PA	M3(Oxidation)	88	5.27E-09	1	1451.602	0.49	Malpighian tubule	2L:-:22428390-22428355	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_52456	ITDMIVPR	AGAP005845-PA	M4(Oxidation)	50	0.000146485	1	944.524	0.97	Malpighian tubule	2L:-:22428354-22428331	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_53661	NLADLVK	AGAP005845-PA	-	35	0.002440535	1	772.455	-1.44	Midgut	2L:-:22428542-22428522	exon=> In CDS Exon 4 of transcript AGAP005845-PA
JHU_Ag_54107	SSQTITQDQDYVLCTVTLFK	AGAP005845-PA	C14(Carbamidomethyl)	104	6.07E-10	2	2347.153	1.69	Head	2L:-:22428330-22428271	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_55095	DVLQQLYGHLDGSAASSGGNADNVDIPGLGFGQSEYFPYVYYK	AGAP005845-PA	-	184	3.82E-18	1	4612.169	2.28	Malpighian tubule	2L:-:22427820-22427890,22427582-22427615	exon=> In CDS Exon 8 and 7 of transcript AGAP005845-PA
JHU_Ag_57667	EFVYNEEELAAGKNEITK	AGAP005845-PA	-	45	0.000555681	1	2084.019	0.36	Salivary gland	2L:-:22428216-22428163	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_59309	LYENLQANNNDLTSYITR	AGAP005845-PA	-	125	4.88E-12	1	2142.046	-0.14	Salivary gland	2L:-:22433305-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA
JHU_Ag_60224	TCQQTWETMNNVTSK	AGAP005845-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M9(Oxidation)"	128	1.14E-12	1	1827.804	2.08	Malpighian tubule	2L:-:22433626-22433582	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_61839	LYENLQANNNDLTSYITR	AGAP005845-PA	N9(Deamidated),N10(Deamidated)	148	2.76E-14	1	2142.051	2.14	Malpighian tubule	2L:-:22433305-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA

JHU_Ag_63002	NLADLVK	AGAP005845-PA	-	39	0.001067788	1	772.455	-1.44	Head	2L:-:22428542-22428522	exon=> In CDS Exon 4 of transcript AGAP005845-PA
JHU_Ag_63036	LYENLQANNNDLTSYITR	AGAP005845-PA	-	79	2.12E-07	1	2142.049	1.23	Ovary	2L:-:22433305-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA
JHU_Ag_63107	YGLPVNFQAILIHPNKK	AGAP005845-PA	-	24	0.005641155	1	1952.125	6.77	Larva	2L:-:22427889-22427839	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_63850	IAAYLGDVLEDQRDK	AGAP005845-PA	-	98	2.05E-09	1	1705.885	5.46	Midgut	2L:-:22433350-22433306	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_63925	YGLPVNFQAILIHPNK	AGAP005845-PA	-	109	6.10E-11	1	1824.024	3.97	Malpighian tubule	2L:-:22427889-22427842	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_64610	TEYWLISAPGDK	AGAP005845-PA	N-Term(Acetyl)	46	0.000429722	1	1421.700	4.02	Malpighian tubule	2L:-:22433662-22433627	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_64712	EFVYNEEELAAGKNEITK	AGAP005845-PA	-	94	6.53E-09	2	2084.021	1.42	Larva	2L:-:22428216-22428163	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_68937	NIADIISK	AGAP005845-PA	-	46	0.000344105	1	873.504	-0.52	Head	2L:-:22428751-22428728	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_69267	EFVYNEEELAAGK	AGAP005845-PA	-	93	5.45E-09	1	1498.711	3.27	Malpighian tubule	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_69382	EHFILDSEYLTTLLVIVPK	AGAP005845-PA	-	62	2.45E-06	1	2230.236	-0.49	Ovary	2L:-:22428518-22428561,22428136-22428391	exon=> In CDS Exon 5 and 4 of transcript AGAP005845-PA
JHU_Ag_69508	YGLPVNFQAILIHPNKK	AGAP005845-PA	-	79	2.24E-08	1	1952.115	1.57	Ovary	2L:-:22427889-22427839	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_70086	LDGYVEQTTR	AGAP005845-PA	-	63	9.03E-06	2	1181.579	-0.39	Midgut	2L:-:22433383-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_70676	KVVDEFK	AGAP005845-PA	-	39	0.001260154	2	864.485	2.26	Malpighian tubule	2L:-:22428270-22428250	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_72185	YGLPVNFQAILIHPNK	AGAP005845-PA	-	70	4.65E-07	1	1824.015	-1.06	Ovary	2L:-:22427889-22427842	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_72479	IAAYLGDVLEDQRDK	AGAP005845-PA	-	78	1.94E-07	1	1705.885	5.39	Salivary gland	2L:-:22433350-22433306	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_72950	SAAYNNLKGNLQNLEK	AGAP005845-PA	N5(Deamidated)	117	2.13E-11	1	1776.929	2.57	Malpighian tubule	2L:-:22428691-22428644	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_74353	ITDMIVPR	AGAP005845-PA	M4(Oxidation)	38	0.002329893	2	960.519	0.53	Ovary	2L:-:22428354-22428331	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_74423	IAAYLGDVLEDQR	AGAP005845-PA	-	95	4.93E-09	2	1462.757	2.34	Head	2L:-:22433350-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_74525	VFVESVLR	AGAP005845-PA	-	42	0.000459009	1	948.551	-0.09	Ovary	2L:-:22427985-22428060,22427755-22427890	exon=> In CDS Exon 7 and 6 of transcript AGAP005845-PA
JHU_Ag_74991	VGTLDQLVGLSDDLGKLDGYVEQTTR	AGAP005845-PA	-	205	3.15E-20	1	2792.447	5.46	Salivary gland	2L:-:22433431-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_75780	IAAYLGDVLEDQR	AGAP005845-PA	-	81	1.02E-07	1	1462.760	4.43	Salivary gland	2L:-:22433350-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_76083	KIAAYLGDVLEDQR	AGAP005845-PA	-	73	5.52E-07	1	1590.849	0.31	Head	2L:-:22433353-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_76686	EFVYNEEELAAGKNEITK	AGAP005845-PA	-	113	7.62E-11	1	2084.016	-1.28	Head	2L:-:22428216-22428163	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_77551	EHFILDSEYLTTLLVIVPK	AGAP005845-PA	-	32	0.00283436	3	2230.240	1.15	Midgut	2L:-:22428518-22428561,22428136-22428391	exon=> In CDS Exon 5 and 4 of transcript AGAP005845-PA
JHU_Ag_78197	YGLPVNFQAILIHPNK	AGAP005845-PA	-	49	5.06E-05	1	1824.019	1.45	Head	2L:-:22427889-22427842	exon=> In CDS Exon 7 of transcript AGAP005845-PA

JHU_Ag_78845	EHFILDSEYLTTLLVIVPK	AGAP005845-PA	-	81	3.00E-08	1	2230.243	2.87	Malpighian tubule	2L:-:22428518-22428561,22428136-22428391	exon=> In CDS Exon 5 and 4 of transcript AGAP005845-PA
JHU_Ag_78903	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	88	1.68E-08	2	1629.881	6.79	Midgut	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_80549	NIADIISK	AGAP005845-PA	-	45	0.000556513	1	873.507	3.54	Malpighian tubule	2L:-:22428751-22428728	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_81762	VGTLDQLVGLSDDLGKLDGYVEQTTR	AGAP005845-PA	-	188	1.49E-18	1	2792.449	6.18	Visceras	2L:-:22433431-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_82048	QNNLCENFKFHIPDLK	AGAP005845-PA	C5(Carbamidomethyl)	43	0.000792811	1	2016.998	1.04	Malpighian tubule	2L:-:22433581-22433534	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_82247	EFVYNEEELAAGKNEITK	AGAP005845-PA	-	146	4.05E-14	1	2084.021	1.3	Malpighian tubule	2L:-:22428216-22428163	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_83513	KIAAYLGDVLEDQR	AGAP005845-PA	-	40	0.001169956	2	1590.846	-1.99	Midgut	2L:-:22433353-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_85742	DKLYENLQANNNDLTSYITR	AGAP005845-PA	-	81	1.29E-07	1	2385.169	0.42	Head	2L:-:22433311-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA
JHU_Ag_85845	EFVYNEEELAAGK	AGAP005845-PA	-	54	4.33E-05	2	1498.712	3.84	Larva	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_86678	NLADLVKK	AGAP005845-PA	-	34	0.002899599	1	900.552	0.52	Malpighian tubule	2L:-:22428542-22428519	exon=> In CDS Exon 4 of transcript AGAP005845-PA
JHU_Ag_86914	NIADIISK	AGAP005845-PA	-	45	0.000440242	1	873.504	-0.31	Midgut	2L:-:22428751-22428728	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_88228	KQSGSLLTR	AGAP005845-PA	-	63	4.22E-06	1	989.575	1.09	Malpighian tubule	2L:-:22428643-22428822,22428463-22428543	exon=> In CDS Exon 4 and 3 of transcript AGAP005845-PA
JHU_Ag_88868	QNNLCENFK	AGAP005845-PA	C5(Carbamidomethyl)	42	0.000541375	2	1166.525	-1.15	Head	2L:-:22433581-22433555	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_89329	SSQTITQDQDYVLCTVTLFK	AGAP005845-PA	C14(Carbamidomethyl)	177	3.48E-17	1	2347.159	4.39	Malpighian tubule	2L:-:22428330-22428271	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_89779	SSQTITQDQDYVLCTVTLFK	AGAP005845-PA	C14(Carbamidomethyl)	160	1.47E-15	1	2347.148	-0.39	Salivary gland	2L:-:22428330-22428271	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_91502	ITDMIVPR	AGAP005845-PA	-	49	0.000197284	2	944.524	0.13	Head	2L:-:22428354-22428331	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_92050	YGLPVNFQAILIHPNKK	AGAP005845-PA	-	88	2.69E-09	1	1952.113	0.9	Midgut	2L:-:22427889-22427839	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_92114	QFGPLVR	AGAP005845-PA	-	44	0.000554076	2	816.474	1.81	Malpighian tubule	2L:-:22428141-22428391,22427963-22428046	exon=> In CDS Exon 6 and 5 of transcript AGAP005845-PA
JHU_Ag_92540	LYENLQANNNDLTSYITR	AGAP005845-PA	-	139	2.22E-13	1	2142.050	1.8	Head	2L:-:22433305-22433431,22428636-22428797	exon=> In CDS Exon 3 and 2 of transcript AGAP005845-PA
JHU_Ag_92926	EFVYNEEELAAGK	AGAP005845-PA	-	60	1.04E-05	1	1498.705	-0.64	Head	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_93067	KIAAYLGDVLEDQR	AGAP005845-PA	-	111	9.52E-11	2	1590.853	2.54	Malpighian tubule	2L:-:22433353-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_94785	LNIDMVETKV	AGAP005845-PA	M5(Oxidation)	74	6.90E-07	2	1177.616	2.56	Malpighian tubule	2L:-:22427614-22427585	exon=> In CDS Exon 8 of transcript AGAP005845-PA
JHU_Ag_95620	EHFILDSEYLTTLLVIVPK	AGAP005845-PA	-	55	8.85E-06	1	2230.251	6.4	Salivary gland	2L:-:22428518-22428561,22428136-22428391	exon=> In CDS Exon 5 and 4 of transcript AGAP005845-PA
JHU_Ag_96938	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	91	8.82E-09	1	1629.876	3.94	Pupa	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA

JHU_Ag_98627	ANMGDWNAHYEKITDMIVPR	AGAP005845-PA	M16(Oxidation),M3(Oxidation),"M3(Oxidation), M16(Oxidation)"	153	8.34E-15	1	2361.122	4.39	Malpighian tubule	2L:-:22428390-22428331	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_99212	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	62	8.38E-06	2	1629.870	0.34	Male reproductive organs	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_99326	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	42	0.000808571	2	1629.871	1.09	Ovary	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_101541	LRDVLQQLYGHLDGSAASSGGNADNVDIPGLGFGQSEYFPYVYYK	AGAP005845-PA	-	181	7.29E-18	1	4881.339	-0.97	Malpighian tubule	2L:-:22427826-22427890,22427582-22427615	exon=> In CDS Exon 8 and 7 of transcript AGAP005845-PA
JHU_Ag_102508	NIADIISK	AGAP005845-PA	-	44	0.000560649	1	873.504	0.46	Pupa	2L:-:22428751-22428728	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_103503	FQWDLAKYPTK	AGAP005845-PA	-	81	1.30E-07	1	1396.730	2.61	Malpighian tubule	2L:-:22428796-22428764	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_105246	YGLPVNFQAILIHPNKK	AGAP005845-PA	-	71	1.55E-07	1	1952.117	2.77	Salivary gland	2L:-:22427889-22427839	exon=> In CDS Exon 7 of transcript AGAP005845-PA
JHU_Ag_109155	SAAYNNLK	AGAP005845-PA	-	47	0.000372388	2	880.453	0.75	Malpighian tubule	2L:-:22428691-22428668	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_109242	VGTLDQLVGLSDDLGKLDGYVEQTTR	AGAP005845-PA	-	226	2.22E-22	1	2792.443	4.02	Head	2L:-:22433431-22433354	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_109726	VGTLDQLVGLSDDLGK	AGAP005845-PA	-	131	1.02E-12	1	1629.874	3.04	Malpighian tubule	2L:-:22433431-22433384	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_110027	KEHFILDSEYLTTLLVIVPK	AGAP005845-PA	-	99	1.63E-10	1	2358.332	-0.13	Malpighian tubule	2L:-:22428521-22428561,22428136-22428391	exon=> In CDS Exon 5 and 4 of transcript AGAP005845-PA
JHU_Ag_110923	ALRVFVESVLR	AGAP005845-PA	-	62	1.49E-06	1	1288.775	1.29	Malpighian tubule	2L:-:22427994-22428060,22427755-22427890	exon=> In CDS Exon 7 and 6 of transcript AGAP005845-PA
JHU_Ag_111082	LNIDMVETK	AGAP005845-PA	M5(Oxidation)	67	3.84E-06	1	1062.551	0.64	Malpighian tubule	2L:-:22427614-22427588	exon=> In CDS Exon 8 of transcript AGAP005845-PA
JHU_Ag_111440	TEYWLISAPGDK	AGAP005845-PA	N-Term(Acetyl)	79	1.86E-07	1	1421.699	3.12	Midgut	2L:-:22433662-22433627	exon=> In CDS Exon 1 of transcript AGAP005845-PA
JHU_Ag_112481	IAAYLGDVLEDQRDK	AGAP005845-PA	-	37	0.002979395	1	1705.875	-0.49	Male reproductive organs	2L:-:22433350-22433306	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_114155	IAAYLGDVLEDQRDK	AGAP005845-PA	-	48	0.000253709	1	1705.880	2.52	Ovary	2L:-:22433350-22433306	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_116738	IAAYLGDVLEDQR	AGAP005845-PA	-	92	9.12E-09	2	1462.755	1.01	Midgut	2L:-:22433350-22433312	exon=> In CDS Exon 2 of transcript AGAP005845-PA
JHU_Ag_117004	EFVYNEEELAAGK	AGAP005845-PA	-	77	2.52E-07	2	1498.706	0.1	Ovary	2L:-:22428216-22428178	exon=> In CDS Exon 5 of transcript AGAP005845-PA
JHU_Ag_117630	VFVESVLR	AGAP005845-PA	-	45	0.000206249	1	948.552	0.94	Malpighian tubule	2L:-:22427985-22428060,22427755-22427890	exon=> In CDS Exon 7 and 6 of transcript AGAP005845-PA
JHU_Ag_117637	QVGQIDADLK	AGAP005845-PA	-	56	3.38E-05	1	1086.580	1.24	Malpighian tubule	2L:-:22428727-22428698	exon=> In CDS Exon 3 of transcript AGAP005845-PA
JHU_Ag_14892	FGIYQDIGTK	AGAP005846-PA	-	64	4.94E-06	2	1141.590	0.92	Pupa	2L:+:22436531-22436560	exon=> In CDS Exon 2 of transcript AGAP005846-PA
JHU_Ag_17804	VGHELTQAIAFVSR	AGAP005846-PA	-	128	1.24E-12	1	1527.830	1.32	Pupa	2L:+:22437529-22437570	exon=> In CDS Exon 6 of transcript AGAP005846-PA
JHU_Ag_19518	VNQDPLGIQGR	AGAP005846-PA	-	79	1.18E-07	1	1196.637	-1.46	Pupa	2L:+:22437369-22437401	exon=> In CDS Exon 5 of transcript AGAP005846-PA
JHU_Ag_22638	DEDGVLQPNK	AGAP005846-PA	-	59	1.50E-05	2	1114.536	-1.01	Pupa	2L:+:22436379-22436408	exon=> In CDS Exon 1 of transcript AGAP005846-PA
JHU_Ag_35522	LDAETFADWGVDFIK	AGAP005846-PA	-	115	4.42E-11	1	1726.837	2.73	Pupa	2L:+:22436600-22436644	exon=> In CDS Exon 2 of transcript AGAP005846-PA

JHU_Ag_35958	TVNKIEIWK	AGAP005846-PA	-	56	1.93E-05	1	1130.657	-0.29	Pupa	2L:+:22437411-22437428,22437502-22437510	exon=> In CDS Exon 5 and 6 of transcript AGAP005846-PA
JHU_Ag_47259	NWGDIEDSHQSVVEITK	AGAP005846-PA	-	95	4.91E-09	1	1956.930	-0.12	Pupa	2L:+:22437003-22437053	exon=> In CDS Exon 4 of transcript AGAP005846-PA
JHU_Ag_51789	CITDCSKYPDECISEALFK	AGAP005846-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C12(Carbamidomethyl)	64	3.12E-06	1	2336.029	1.79	Pupa	2L:+:22436232-22436288	exon=> In CDS Exon 1 of transcript AGAP005846-PA
JHU_Ag_58521	SQLAVWTVMGAPLLISNDLAK	AGAP005846-PA	M9(Oxidation)	58	9.41E-06	1	2243.221	4.77	Pupa	2L:+:22437258-22437320	exon=> In CDS Exon 5 of transcript AGAP005846-PA
JHU_Ag_75562	TCAGYPGMVGYFK	AGAP005846-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M8(Oxidation)"	48	0.000132248	1	1466.645	0.5	Pupa	2L:+:22436561-22436599	exon=> In CDS Exon 2 of transcript AGAP005846-PA
JHU_Ag_85597	VYDLFDAK	AGAP005846-PA	-	36	0.002393129	2	970.488	-0.35	Pupa	2L:+:22437658-22437663,22437742-22437759	exon=> In CDS Exon 6 and 7 of transcript AGAP005846-PA
JHU_Ag_90174	HLADYIHER	AGAP005846-PA	-	65	4.77E-06	1	1153.575	0.18	Pupa	2L:+:22436433-22436447,22436510-22436521	exon=> In CDS Exon 1 and 2 of transcript AGAP005846-PA
JHU_Ag_99984	MADLMVSEGYR	AGAP005846-PA	M1(Oxidation), M5(Oxidation)	67	9.65E-07	2	1303.565	-0.97	Pupa	2L:+:22436292-22436324	exon=> In CDS Exon 1 of transcript AGAP005846-PA
JHU_Ag_107836	ELLLNK	AGAP005846-PA	-	46	0.000119058	1	729.450	-0.32	Pupa	2L:+:22437339-22437356	exon=> In CDS Exon 5 of transcript AGAP005846-PA
JHU_Ag_109800	INPTGANLYR	AGAP005846-PA	-	47	0.000342866	1	1118.595	-0.38	Pupa	2L:+:22437805-22437834	exon=> In CDS Exon 7 of transcript AGAP005846-PA
JHU_Ag_110561	IVPHHGPGHWNDPDTLILGNYGLSYDQSK	AGAP005846-PA	-	135	4.55E-13	1	3230.572	1.91	Pupa	2L:+:22437078-22437122,22437216-22437257	exon=> In CDS Exon 4 and 5 of transcript AGAP005846-PA
JHU_Ag_5638	YTIGLGQQR	AGAP005847-PA	-	48	0.000218459	2	1035.559	0.42	Ovary	2L:-:22442559-22442533	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_6136	IGLNDFVLTPADQRPALFPGFEQFANVR	AGAP005847-PA	-	60	9.97E-06	3	3132.624	-0.86	Head	2L:-:22441872-22441789	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_8848	LEDTYFDRDVEK	AGAP005847-PA	-	49	0.000154266	1	1529.712	0.04	Ovary	2L:-:22441788-22441753	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_12125	HSIPLDR	AGAP005847-PA	-	39	0.001362906	2	837.456	-1.69	Head	2L:-:22442460-22442440	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_23634	LEVGTETIVDK	AGAP005847-PA	-	54	5.65E-05	2	1203.649	2.13	Salivary gland	2L:-:22442430-22442398	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_38961	NNHAAPYEPSGSVEVLFPGTYYLK	AGAP005847-PA	-	45	0.000490244	1	2653.301	3.06	Head	2L:-:22441416-22441345	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_65702	IGLNDFVLTPADQRPALFPGFEQFANVR	AGAP005847-PA	-	116	2.28E-11	1	3132.633	2.06	Ovary	2L:-:22441872-22441789	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_82988	HAYDFYKPDLSSEYPVVDGK	AGAP005847-PA	-	95	4.58E-09	1	2330.099	0.63	Head	2L:-:22442100-22442041	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_83133	LEDTYFDRDVEK	AGAP005847-PA	-	57	2.73E-05	1	1529.713	0.52	Visceras	2L:-:22441788-22441753	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_86459	YTIGLGQQR	AGAP005847-PA	-	46	0.000307458	2	1035.560	1.37	Salivary gland	2L:-:22442559-22442533	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_114383	HPDLVAPVTLDTFDAVIFHSPYCK	AGAP005847-PA	C23(Carbamidomethyl)	79	1.57E-07	1	2742.379	7.1	Ovary	2L:-:22441968-22441897	exon=> In CDS Exon 1 of transcript AGAP005847-PA
JHU_Ag_104928	EIQILK	AGAP005851-PA	Q3(Deamidated)	31	0.008249243	1	744.452	2.68	Head	2L:+:22609168-22609185	exon=> In CDS Exon 4 of transcript AGAP005851-PA
JHU_Ag_17953	VASTELNAAIVDPR	AGAP005853-PA	-	53	5.57E-05	2	1455.779	-0.63	Salivary gland	2L:+:22612163-22612204	exon=> In CDS Exon 2 of transcript AGAP005853-PA
JHU_Ag_27239	AVIEQAGHNLAIR	AGAP005853-PA	-	50	5.77E-05	1	1391.778	1.58	Salivary gland	2L:+:22612800-22612838	exon=> In CDS Exon 4 of transcript AGAP005853-PA

JHU_Ag_52192	LELITGALQK	AGAP005853-PA	-	51	4.67E-05	2	1085.656	-0.11	Salivary gland	2L:+:22613199-22613228	exon=> In CDS Exon 4 of transcript AGAP005853-PA
JHU_Ag_86330	APTLTNSSNFR	AGAP005853-PA	-	52	9.97E-05	1	1207.611	3.23	Malpighian tubule	2L:+:22611725-22611757	exon=> In CDS Exon 2 of transcript AGAP005853-PA
JHU_Ag_1101	GSDSPVHTQR	AGAP005856-PA	-	40	0.001246516	2	1083.514	-3.32	Head	2L:-:22625386-22625357	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_1112	EFFLEHGER	AGAP005856-PA	-	52	9.16E-05	1	1163.550	1.55	Midgut	2L:-:22626379-22626353	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_7166	AYETNPLCFATPNK	AGAP005856-PA	C8(Carbamidomethyl)	63	7.73E-06	1	1625.766	2.02	Midgut	2L:-:22627747-22627706	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_7209	DATITLLFPK	AGAP005856-PA	-	66	1.14E-06	2	1118.649	2.76	Midgut	2L:-:22626205-22626176	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_9958	NVNSELDLSKVEVGLFTPQGSLK	AGAP005856-PA	-	86	1.51E-08	1	2474.331	6.98	Malpighian tubule	2L:-:22628578-22628683,22627883-22628414	exon=> In CDS Exon 2 and 1 of transcript AGAP005856-PA
JHU_Ag_13998	FHSLSPSEYYLR	AGAP005856-PA	-	44	0.000533265	1	1498.735	1.42	Ovary	2L:-:22625890-22625855	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_14179	IGQTITNGNGVFSFTPIKPGR	AGAP005856-PA	-	78	9.50E-08	1	2204.188	2.53	Head	2L:-:22628134-22628072	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_15384	VKENFEVTGFSVSGR	AGAP005856-PA	-	110	1.48E-10	2	1655.842	1.89	Head	2L:-:22627570-22627526	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_15658	DGDSTGELVELELTDGR	AGAP005856-PA	-	47	0.000249536	2	1805.853	7.22	Malpighian tubule	2L:-:22626457-22626407	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_15798	VKENFEVTGFSVSGR	AGAP005856-PA	-	72	9.51E-07	1	1655.842	1.88	Malpighian tubule	2L:-:22627570-22627526	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_17863	NTGQYLFAGVPR	AGAP005856-PA	-	51	0.000106691	2	1322.687	1.12	Male reproductive organs	2L:-:22627705-22627670	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_19539	AYETNPLCFATPNK	AGAP005856-PA	C8(Carbamidomethyl)	59	1.64E-05	2	1625.765	1.57	Head	2L:-:22627747-22627706	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_19626	DGDSTGELVELELTDGR	AGAP005856-PA	-	92	8.29E-09	2	1805.841	0.8	Midgut	2L:-:22626457-22626407	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_21273	IGQTITNGNGVFSFTPIKPGR	AGAP005856-PA	N9(Deamidated)	56	1.60E-05	1	2205.179	5.76	Ovary	2L:-:22628134-22628072	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_21576	FHIRPEAVELVVGNDGVR	AGAP005856-PA	-	87	1.72E-08	1	2007.076	-0.5	Midgut	2L:-:22627624-22627571	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_24934	FGPIDPSLAVELSAEK	AGAP005856-PA	-	73	5.65E-07	2	1672.881	1.24	Midgut	2L:-:22626121-22626074	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_24962	VEVGLFTPQGSLK	AGAP005856-PA	-	54	3.04E-05	2	1374.767	2.79	Salivary gland	2L:-:22628548-22628683,22627883-22628414	exon=> In CDS Exon 2 and 1 of transcript AGAP005856-PA
JHU_Ag_25150	INPGIMVFFPR	AGAP005856-PA	-	63	5.38E-06	1	1290.706	2.56	Malpighian tubule	2L:-:22625326-22625294	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_25226	NTGQYLFAGVPR	AGAP005856-PA	-	76	3.61E-07	2	1322.689	2.5	Head	2L:-:22627705-22627670	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_25322	FHSLSPSEYYLR	AGAP005856-PA	-	53	6.32E-05	1	1498.732	-0.45	Head	2L:-:22625890-22625855	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_26981	IGQTITNGNGVFSFTPIKPGR	AGAP005856-PA	N7(Deamidated), N9(Deamidated),N9(Deamidated),N7(Deamidated)	59	1.04E-05	1	2205.168	0.86	Midgut	2L:-:22628134-22628072	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_29360	NTGQYLFAGVPR	AGAP005856-PA	-	74	4.41E-07	2	1322.686	0.57	Ovary	2L:-:22627705-22627670	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_29625	NTGQYLFAGVPR	AGAP005856-PA	-	67	2.63E-06	2	1322.691	4.07	Salivary gland	2L:-:22627705-22627670	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_32026	DATITLLFPK	AGAP005856-PA	-	60	5.47E-06	2	1118.648	1.89	Malpighian tubule	2L:-:22626205-22626176	exon=> In CDS Exon 3 of transcript AGAP005856-PA

JHU_Ag_32167	AYETNPLCFATPNK	AGAP005856-PA	C8(Carbamidomethyl)	59	1.85E-05	2	1625.766	1.95	Malpighian tubule	2L:-:22627747-22627706	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_37640	EFFLEHGER	AGAP005856-PA	-	65	4.82E-06	1	1163.546	-1.91	Head	2L:-:22626379-22626353	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_37941	DIDVLASTIDGMK	AGAP005856-PA	M12(Oxidation)	37	0.003201822	2	1393.688	0.11	Head	2L:-:22624942-22624904	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_39282	VKENFEVTGFSVSGR	AGAP005856-PA	-	44	0.000631714	2	1655.841	1	Ovary	2L:-:22627570-22627526	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_39769	FHIRPEAVELVVGNDGVR	AGAP005856-PA	-	68	1.16E-06	1	2007.083	2.79	Malpighian tubule	2L:-:22627624-22627571	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_39809	EIATTGQDGAYTLENIQPGTYTIQVQADDLQFKDHIVK	AGAP005856-PA	-	35	0.002184029	1	4221.103	1.04	Midgut	2L:-:22627465-22627352	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_43073	VSLANPSLPDVLVSGFK	AGAP005856-PA	-	48	8.70E-05	2	1742.977	4.83	Larva	2L:-:22627351-22627301	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_44229	TECSPSNGYYFIPVYDK	AGAP005856-PA	C3(Carbamidomethyl), N7(Deamidated)	40	0.000697111	2	2040.894	2.03	Midgut	2L:-:22628407-22628357	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_44611	VELVAEDGSR	AGAP005856-PA	-	58	2.67E-05	2	1074.543	0.46	Malpighian tubule	2L:-:22628164-22628135	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_45190	VSLANPSLPDVLVSGFK	AGAP005856-PA	-	106	1.67E-10	1	1742.971	1.12	Malpighian tubule	2L:-:22627351-22627301	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_46205	VEVGLFTPQGSLK	AGAP005856-PA	-	37	0.001490396	2	1374.765	1.55	Malpighian tubule	2L:-:22628548-22628683,22627883-22628414	exon=> In CDS Exon 2 and 1 of transcript AGAP005856-PA
JHU_Ag_46437	DGDSTGELVELELTDGR	AGAP005856-PA	-	80	1.37E-07	2	1805.847	3.63	Head	2L:-:22626457-22626407	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_48646	CSSETVPSVPNAANK	AGAP005856-PA	C1(Carbamidomethyl)	67	2.68E-06	2	1560.729	-2.4	Midgut	2L:-:22627792-22627748	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_50775	VSLANPSLPDVLVSGFK	AGAP005856-PA	-	37	0.001411106	1	1742.973	2.17	Pupa	2L:-:22627351-22627301	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_51258	IGQTITNGNGVFSFTPIKPGR	AGAP005856-PA	N7(Deamidated),N9(Deamidated)	85	1.57E-08	1	2204.196	6.26	Malpighian tubule	2L:-:22628134-22628072	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_51904	LAGVLLSLSGAESYRK	AGAP005856-PA	-	57	8.00E-06	2	1663.939	0.64	Ovary	2L:-:22625971-22625924	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_52450	VEFQGAPEAGAR	AGAP005856-PA	-	56	3.50E-05	2	1231.609	1.85	Malpighian tubule	2L:-:22628209-22628174	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_52593	NTGQYLFAGVPR	AGAP005856-PA	-	88	2.37E-08	2	1322.687	1.12	Malpighian tubule	2L:-:22627705-22627670	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_53310	AYETNPLCFATPNK	AGAP005856-PA	C8(Carbamidomethyl)	40	0.001423273	1	1625.769	3.52	Salivary gland	2L:-:22627747-22627706	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_53430	NMVTGEDGTIK	AGAP005856-PA	M2(Oxidation)	59	1.55E-05	2	1180.550	-1.19	Midgut	2L:-:22625923-22625891	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_54191	NADLASQVALTDER	AGAP005856-PA	-	122	1.05E-11	2	1502.744	-0.44	Midgut	2L:-:22626175-22626134	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_55379	NADLASQVALTDERGEFR	AGAP005856-PA	-	97	3.30E-09	1	1991.989	5.41	Malpighian tubule	2L:-:22626175-22626122	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_56594	VKENFEVTGFSVSGR	AGAP005856-PA	-	54	5.41E-05	1	1655.839	-0.11	Salivary gland	2L:-:22627570-22627526	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_57465	DVNFLFK	AGAP005856-PA	-	53	4.92E-05	1	882.472	0.1	Midgut	2L:-:22628251-22628231	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_57479	FHIRPEAVELVVGNDGVR	AGAP005856-PA	-	91	6.40E-09	1	2007.080	1.42	Head	2L:-:22627624-22627571	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_61163	ENFEVTGFSVSGR	AGAP005856-PA	-	76	3.95E-07	2	1428.680	3.17	Head	2L:-:22627564-22627526	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_61734	YLVRPHFSDSK	AGAP005856-PA	-	50	0.000145051	2	1348.700	-0.54	Head	2L:-:22627663-22627631	exon=> In CDS Exon 3 of transcript AGAP005856-PA

JHU_Ag_61916	YLVRPHFSDSK	AGAP005856-PA	-	66	3.96E-06	1	1348.702	0.54	Midgut	2L:-:22627663-22627631	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_65024	VELVAEDGSR	AGAP005856-PA	-	49	0.000192362	2	1074.541	-1.47	Midgut	2L:-:22628164-22628135	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_69805	IPFDGKSYHIELTSTLSEK	AGAP005856-PA	-	53	5.47E-05	1	2165.128	7.32	Malpighian tubule	2L:-:22625293-22625237	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_70637	VSLANPSLPDVLVSGFK	AGAP005856-PA	-	67	1.06E-06	2	1742.976	4.34	Head	2L:-:22627351-22627301	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_70688	LITVQEGATVQEELVGQR	AGAP005856-PA	-	46	0.000197783	1	1970.055	-0.03	Midgut	2L:-:22625815-22625762	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_74828	FHIRPEAVELVVGNDGVR	AGAP005856-PA	-	82	4.69E-08	1	2007.081	1.78	Ovary	2L:-:22627624-22627571	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_78096	EFFLEHGER	AGAP005856-PA	-	47	0.000339415	1	1163.548	-0.13	Ovary	2L:-:22626379-22626353	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_80280	VSLANPSLPDVLVSGFKVCGQVVSK	AGAP005856-PA	C19(Carbamidomethyl)	44	0.000136242	1	2600.441	11.08	Malpighian tubule	2L:-:22627351-22627277	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_80798	DATITLLFPK	AGAP005856-PA	-	63	3.32E-06	2	1118.647	1.45	Visceras	2L:-:22626205-22626176	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_82489	LITVQEGATVQEELVGQR	AGAP005856-PA	-	72	4.66E-07	2	1970.058	1.53	Salivary gland	2L:-:22625815-22625762	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_88887	SPNGASVANAR	AGAP005856-PA	N3(Deamidated)	67	1.61E-06	1	1044.506	-0.85	Midgut	2L:-:22627516-22627484	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_90388	ESYVFSAFDR	AGAP005856-PA	-	40	0.00100099	2	1220.559	0.8	Midgut	2L:-:22626073-22626044	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_91674	VSLANPSLPDVLVSGFK	AGAP005856-PA	-	76	1.57E-07	2	1742.971	1.26	Ovary	2L:-:22627351-22627301	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_92880	DVNFLFK	AGAP005856-PA	-	43	0.000422075	2	882.473	1.05	Malpighian tubule	2L:-:22628251-22628231	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_92895	SPNGASVANAR	AGAP005856-PA	-	37	0.001988061	2	1043.522	-0.49	Ovary	2L:-:22627516-22627484	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_94886	VGTLAGGAMSNR	AGAP005856-PA	M9(Oxidation)	64	7.87E-06	2	1149.567	-1.16	Salivary gland	2L:-:22625029-22624994	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_97182	LCWQSNTVK	AGAP005856-PA	C2(Carbamidomethyl)	35	0.004037687	2	1135.559	1.89	Malpighian tubule	2L:-:22626853-22626827	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_98062	NVNSELDLSKVEVGLFTPQGSLK	AGAP005856-PA	-	45	0.000210821	1	2474.320	2.69	Head	2L:-:22628578-22628683,22627883-22628414	exon=> In CDS Exon 2 and 1 of transcript AGAP005856-PA
JHU_Ag_100453	VLRSPNGASVANAR	AGAP005856-PA	-	55	2.15E-05	2	1411.784	5.21	Malpighian tubule	2L:-:22627525-22627484	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_102123	NTGQYLFAGVPR	AGAP005856-PA	-	85	4.06E-08	1	1322.686	0.38	Midgut	2L:-:22627705-22627670	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_102445	VEVGLFTPQGSLK	AGAP005856-PA	-	54	3.09E-05	2	1374.765	1.55	Ovary	2L:-:22628548-22628683,22627883-22628414	exon=> In CDS Exon 2 and 1 of transcript AGAP005856-PA
JHU_Ag_102470	FHSLSPSEYYLR	AGAP005856-PA	-	48	0.00018435	2	1498.733	0.61	Midgut	2L:-:22625890-22625855	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_103041	SPNGASVANAR	AGAP005856-PA	-	79	1.48E-07	1	1043.526	3.25	Malpighian tubule	2L:-:22627516-22627484	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_104309	NADLASQVALTDERGEFR	AGAP005856-PA	-	65	5.88E-06	1	1991.978	-0.11	Midgut	2L:-:22626175-22626122	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_107153	VSLANPSLPDVLVSGFK	AGAP005856-PA	-	90	7.40E-09	1	1742.968	-0.63	Midgut	2L:-:22627351-22627301	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_107863	NVRVELVAEDGSR	AGAP005856-PA	-	77	2.63E-07	1	1443.761	4.1	Malpighian tubule	2L:-:22628173-22628135	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_108560	VKENFEVTGFSVSGR	AGAP005856-PA	-	48	0.000214471	1	1655.839	-0.11	Midgut	2L:-:22627570-22627526	exon=> In CDS Exon 3 of transcript AGAP005856-PA

JHU_Ag_108666	VEVGLFTPQGSLK	AGAP005856-PA	-	61	5.31E-06	1	1374.762	-0.32	Midgut	2L:-:22628548-22628683,22627883-22628414	exon=> In CDS Exon 2 and 1 of transcript AGAP005856-PA
JHU_Ag_109603	NVNSELDLSKVEVGLFTPQGSLK	AGAP005856-PA	-	44	0.000282938	1	2474.318	1.65	Midgut	2L:-:22628578-22628683,22627883-22628414	exon=> In CDS Exon 2 and 1 of transcript AGAP005856-PA
JHU_Ag_110310	DGDSTGELVELELTDGR	AGAP005856-PA	-	75	4.24E-07	2	1805.843	1.61	Ovary	2L:-:22626457-22626407	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_111134	VELVAEDGSR	AGAP005856-PA	-	52	0.000100644	2	1074.540	-2.83	Salivary gland	2L:-:22628164-22628135	exon=> In CDS Exon 2 of transcript AGAP005856-PA
JHU_Ag_113205	VSLANPSLPDVLVSGFK	AGAP005856-PA	-	70	5.46E-07	2	1742.977	4.62	Visceras	2L:-:22627351-22627301	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_114430	LITVQEGATVQEELVGQR	AGAP005856-PA	-	97	1.28E-09	2	1970.064	4.13	Malpighian tubule	2L:-:22625815-22625762	exon=> In CDS Exon 3 of transcript AGAP005856-PA
JHU_Ag_104347	VLTNHLK	AGAP005857-PA	-	36	0.000599885	2	824.498	-0.67	Salivary gland	2L:+:22633498-22633518	exon=> In CDS Exon 2 of transcript AGAP005857-PA
JHU_Ag_314	GDQLLSVNGVSVEGENHEK	AGAP005858-PA	-	95	5.11E-09	1	2010.969	-1.92	Head	2L:-:22635147-22635091	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_5645	GDQLLSVNGVSVEGENHEK	AGAP005858-PA	-	44	0.000718075	2	2010.980	3.66	Visceras	2L:-:22635147-22635091	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_12580	VLQSDFLNAVR	AGAP005858-PA	-	67	2.35E-06	2	1261.689	-0.47	Ovary	2L:-:22635435-22635403	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_14212	VLQSDFLNAVR	AGAP005858-PA	-	91	8.54E-09	1	1261.689	-0.57	Head	2L:-:22635435-22635403	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_26870	VLQSDFLNAVR	AGAP005858-PA	-	75	3.40E-07	1	1261.691	0.69	Male reproductive organs	2L:-:22635435-22635403	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_32501	ANVCEPLTLAK	AGAP005858-PA	N-Term(Acetyl), C4(Carbamidomethyl)	44	0.000593339	1	1257.652	0.83	Head	2L:-:22635647-22635615	exon=> In CDS Exon 1 of transcript AGAP005858-PA
JHU_Ag_45829	IIPGGVADR	AGAP005858-PA	-	29	0.006354741	1	897.513	-2.09	Head	2L:-:22635192-22635166	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_53862	RGDQLLSVNGVSVEGENHEK	AGAP005858-PA	-	111	1.12E-10	1	2167.087	6.16	Ovary	2L:-:22635150-22635091	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_61918	ATIAAFAASEGHAHPR	AGAP005858-PA	-	84	6.50E-08	1	1606.809	0.5	Head	2L:-:22635327-22635280	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_62579	TDEGLGFNVMGGK	AGAP005858-PA	-	60	1.53E-05	2	1324.621	0.66	Head	2L:-:22635261-22635223	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_69849	RGDQLLSVNGVSVEGENHEK	AGAP005858-PA	N9(Deamidated)	109	1.73E-10	1	2167.077	1.6	Head	2L:-:22635150-22635091	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_72815	RGDQLLSVNGVSVEGENHEK	AGAP005858-PA	-	51	0.000122514	1	2167.076	0.84	Visceras	2L:-:22635150-22635091	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_77353	ATIAAFAASEGHAHPR	AGAP005858-PA	-	71	1.45E-06	2	1606.813	3.03	Malpighian tubule	2L:-:22635327-22635280	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_81321	VLQSDFLNAVR	AGAP005858-PA	-	35	0.003276648	2	1261.691	1.18	Salivary gland	2L:-:22635435-22635403	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_84980	VVELPK	AGAP005858-PA	-	34	0.000839527	1	684.427	-2.7	Head	2L:-:22635279-22635262	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_96790	VLQSDFLNAVR	AGAP005858-PA	-	82	6.24E-08	1	1261.691	1.18	Visceras	2L:-:22635435-22635403	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_115251	ATIAAFAASEGHAHPR	AGAP005858-PA	-	79	2.41E-07	1	1606.810	1	Visceras	2L:-:22635327-22635280	exon=> In CDS Exon 2 of transcript AGAP005858-PA
JHU_Ag_6	LSGTGSSGATVR	AGAP005860-PA	-	82	8.84E-08	2	1092.568	3.19	Larva	2L:-:22638867-22638832	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_828	IYALSGEIR	AGAP005860-PA	-	52	6.01E-05	1	1021.570	2.11	Head	2L:-:22639944-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_1480	EIFDFEQLR	AGAP005860-PA	-	56	3.08E-05	2	1196.596	1.21	Pupa	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA

JHU_Ag_1577	ILLGQNGILSTPAVSSLIR	AGAP005860-PA	-	136	1.77E-14	1	1952.152	-1.25	Head	2L:-:22640127-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_1997	AGDYDIGAAFDGDGDR	AGAP005860-PA	-	56	8.63E-06	1	1614.666	-0.28	Midgut	2L:-:22639545-22639498	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_2662	AGDYDIGAAFDGDGDRNMIIGR	AGAP005860-PA	M18(Oxidation)	100	1.19E-09	1	2315.047	4.7	Larva	2L:-:22639545-22639480	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_3786	AGDYDIGAAFDGDGDR	AGAP005860-PA	-	93	2.19E-09	1	1614.668	0.63	Pupa	2L:-:22639545-22639498	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_5916	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	104	3.76E-10	1	2089.094	0.5	Ovary	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_10223	IYALSGEIR	AGAP005860-PA	-	65	3.01E-06	2	1021.570	2.47	Male reproductive organs	2L:-:22639944-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_10336	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	46	0.000276132	2	2089.094	0.5	Visceras	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_10399	LGDNFSYNDPIDKSVSTK	AGAP005860-PA	-	80	1.49E-07	1	1999.960	-0.62	Ovary	2L:-:22638969-22638916	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_11473	ALGGIVLTASHNPGGPENDFGIK	AGAP005860-PA	-	150	1.40E-14	1	2264.167	0.05	Malpighian tubule	2L:-:22640061-22639993	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_11612	LGDNFSYNDPIDK	AGAP005860-PA	-	78	1.96E-07	2	1497.688	1.42	Visceras	2L:-:22638969-22638931	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_12553	EIFDFEQLR	AGAP005860-PA	-	35	0.003516239	2	1196.594	-0.32	Salivary gland	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_12903	IYALSGEIR	AGAP005860-PA	-	52	7.31E-05	2	1021.568	-0.16	Midgut	2L:-:22639944-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_14489	ILLGQNGILSTPAVSSLIR	AGAP005860-PA	N6(Deamidated)	127	2.23E-13	1	1953.148	5.31	Larva	2L:-:22640127-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_14580	IAPVAVDVGK	AGAP005860-PA	-	50	3.69E-05	2	968.578	-0.07	Midgut	2L:-:22639908-22639879	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_14875	GFVSGSSRPGGAPLK	AGAP005860-PA	-	90	1.38E-08	1	1416.761	1.02	Head	2L:-:22639764-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_18267	ALGGIVLTASHNPGGPENDFGIK	AGAP005860-PA	-	106	2.86E-10	1	2264.178	4.9	Ovary	2L:-:22640061-22639993	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_21243	KILLGQNGILSTPAVSSLIR	AGAP005860-PA	-	76	8.32E-09	2	2080.248	-0.41	Ovary	2L:-:22640130-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_22210	AGDYDIGAAFDGDGDRNMIIGR	AGAP005860-PA	M18(Oxidation)	96	2.17E-09	1	2315.032	-1.47	Ovary	2L:-:22639545-22639480	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_23168	KILLGQNGILSTPAVSSLIR	AGAP005860-PA	N7(Deamidated),Q6(Deamidated)	31	0.000381918	1	2081.241	3.95	Malpighian tubule	2L:-:22640130-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_23186	VGVTEAVVEGKPFTVEVIDSVADYVLLMR	AGAP005860-PA	M28(Oxidation)	104	2.02E-10	1	3151.675	4.86	Larva	2L:-:22639878-22639792	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_24950	LSGTGSSGATVR	AGAP005860-PA	-	51	0.000125121	2	1092.565	0.62	Male reproductive organs	2L:-:22638867-22638832	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_24986	SIEEICVEHWK	AGAP005860-PA	C6(Carbamidomethyl)	58	1.83E-05	1	1429.678	0.04	Visceras	2L:-:22639155-22639123	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_27332	TITDPAFVGR	AGAP005860-PA	-	54	7.53E-05	1	1076.573	-0.57	Ovary	2L:-:22639035-22639006	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_29526	AGDYDIGAAFDGDGDR	AGAP005860-PA	-	82	2.31E-08	1	1614.670	2.21	Malpighian tubule	2L:-:22639545-22639498	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_30116	LCLCGEESFGTGSNHIR	AGAP005860-PA	C2(Carbamidomethyl),C4(Carbamidomethyl)	110	1.06E-10	1	1936.863	-0.53	Head	2L:-:22639266-22639216	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_31480	KILLGQNGILSTPAVSSLIR	AGAP005860-PA	N7(Deamidated),Q6(Deamidated)	21	0.002636744	3	2081.251	8.61	Larva	2L:-:22640130-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_32185	TITDPAFVGR	AGAP005860-PA	-	43	0.000848399	2	1076.574	0.56	Malpighian tubule	2L:-:22639035-22639006	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_32475	ENVLGSASDMLKPLIDIALEVSK	AGAP005860-PA	M10(Oxidation)	114	2.95E-11	1	2458.311	-0.09	Malpighian tubule	2L:-:22638807-22638739	exon=> In CDS Exon 2 of transcript AGAP005860-PA

JHU_Ag_32710	IAPVAVDVGK	AGAP005860-PA	-	31	0.002264505	1	968.579	1.52	Larva	2L:-:22639908-22639879	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_34020	EIFDFEQLR	AGAP005860-PA	-	60	1.16E-05	1	1196.597	1.68	Midgut	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_34219	GFVSGSSRPGGAPLK	AGAP005860-PA	-	84	5.00E-08	1	1416.760	0.24	Pupa	2L:-:22639764-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_34381	IYALSGEIR	AGAP005860-PA	-	66	2.57E-06	2	1021.567	-0.57	Pupa	2L:-:22639944-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_34523	ILLGQNGILSTPAVSSLIR	AGAP005860-PA	Q5(Deamidated),N6(Deamidated)	105	4.13E-11	1	1953.141	1.37	Pupa	2L:-:22640127-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_35122	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	41	0.000773017	1	2089.093	0.11	Male reproductive organs	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_36010	LCLCGEESFGTGSNHIR	AGAP005860-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	78	1.72E-07	1	1936.868	1.93	Malpighian tubule	2L:-:22639266-22639216	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_36129	EIFDFEQLR	AGAP005860-PA	-	52	7.12E-05	2	1196.596	0.9	Visceras	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_37293	KILLGQNGILSTPAVSSLIR	AGAP005860-PA	N7(Deamidated),Q6(Deamidated)	74	1.98E-08	1	2081.235	1.05	Pupa	2L:-:22640130-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_39123	AGDYDIGAAFDGDGDRNMIIGR	AGAP005860-PA	M18(Oxidation)	96	2.87E-09	1	2299.040	-0.55	Midgut	2L:-:22639545-22639480	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_39135	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	70	1.04E-06	1	2089.101	4.06	Larva	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_39164	FNCENGGPAPDAFTNKIYALSGEIR	AGAP005860-PA	C3(Carbamidomethyl)	58	1.91E-05	1	2741.301	0.58	Ovary	2L:-:22639992-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_41099	GFVSGSSRPGGAPLK	AGAP005860-PA	-	71	9.94E-07	1	1416.761	1.36	Salivary gland	2L:-:22639764-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_44400	AGDYDIGAAFDGDGDRNMIIGR	AGAP005860-PA	M18(Oxidation)	83	4.27E-08	1	2315.036	-0.12	Pupa	2L:-:22639545-22639480	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_44946	FNCENGGPAPDAFTNK	AGAP005860-PA	C3(Carbamidomethyl)	108	1.18E-10	2	1738.752	1.84	Ovary	2L:-:22639992-22639945	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_45326	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	110	9.78E-11	1	2089.093	0.03	Pupa	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_45947	KILLGQNGILSTPAVSSLIR	AGAP005860-PA	N7(Deamidated),Q6(Deamidated)	48	8.02E-06	1	2080.247	-0.8	Midgut	2L:-:22640130-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_46609	VAEALGKEMFEVPTGWK	AGAP005860-PA	M9(Oxidation)	82	1.04E-07	1	1907.957	0.02	Midgut	2L:-:22639347-22639297	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_50282	IAPVAVDVGK	AGAP005860-PA	-	36	0.000721063	2	968.579	1.5	Malpighian tubule	2L:-:22639908-22639879	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_54085	SIEEICVEHWK	AGAP005860-PA	C6(Carbamidomethyl)	37	0.002347414	1	1429.686	5.42	Ovary	2L:-:22639155-22639123	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_57263	GFVSGSSRPGGAPLK	AGAP005860-PA	-	65	4.09E-06	1	1416.760	0.5	Malpighian tubule	2L:-:22639764-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_57602	LSGTGSSGATVR	AGAP005860-PA	-	71	1.24E-06	1	1092.565	0.06	Ovary	2L:-:22638867-22638832	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_57835	GFVSGSSRPGGAPLK	AGAP005860-PA	-	78	1.79E-07	1	1416.762	1.88	Ovary	2L:-:22639764-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_58274	GFVSGSSRPGGAPLK	AGAP005860-PA	-	67	2.62E-06	1	1416.764	3.17	Larva	2L:-:22639764-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_59095	ALGGIVLTASHNPGGPENDFGIK	AGAP005860-PA	-	136	3.31E-13	1	2264.175	3.61	Visceras	2L:-:22640061-22639993	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_61023	LSGTGSSGATVR	AGAP005860-PA	-	82	9.07E-08	2	1092.567	2.63	Pupa	2L:-:22638867-22638832	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_63701	LGDNFSYNDPIDK	AGAP005860-PA	-	90	1.16E-08	1	1497.691	3.45	Ovary	2L:-:22638969-22638931	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_63965	LGDNFSYNDPIDK	AGAP005860-PA	-	81	9.00E-08	1	1497.688	1.42	Salivary gland	2L:-:22638969-22638931	exon=> In CDS Exon 2 of transcript AGAP005860-PA

JHU_Ag_63988	YFGNLMDAGR	AGAP005860-PA	M6(Oxidation)	42	0.000385184	2	1159.521	0.37	Malpighian tubule	2L:-:22639296-22639267	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_66155	SIEEICVEHWK	AGAP005860-PA	C6(Carbamidomethyl)	65	3.39E-06	1	1429.677	-0.64	Malpighian tubule	2L:-:22639155-22639123	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_66408	AGDYDIGAAFDGDGDRNMIIGR	AGAP005860-PA	M18(Oxidation)	81	8.54E-08	1	2315.040	1.94	Malpighian tubule	2L:-:22639545-22639480	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_68239	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	104	4.07E-10	1	2089.091	-0.55	Head	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_68976	IYALSGEIR	AGAP005860-PA	-	62	6.00E-06	1	1021.569	1.58	Ovary	2L:-:22639944-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_70042	ILLGQNGILSTPAVSSLIR	AGAP005860-PA	-	82	4.13E-09	2	1952.159	2.81	Ovary	2L:-:22640127-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_70613	SIEEICVEHWK	AGAP005860-PA	C6(Carbamidomethyl)	53	6.19E-05	1	1429.681	2.26	Head	2L:-:22639155-22639123	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_73598	ILLGQNGILSTPAVSSLIR	AGAP005860-PA	N6(Deamidated)	120	1.32E-12	1	1953.139	0.68	Midgut	2L:-:22640127-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_75646	LSGTGSSGATVR	AGAP005860-PA	-	81	1.26E-07	1	1092.563	-1.61	Head	2L:-:22638867-22638832	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_78650	YFGNLMDAGR	AGAP005860-PA	-	64	2.33E-06	2	1143.524	-1.08	Midgut	2L:-:22639296-22639267	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_78833	KILLGQNGILSTPAVSSLIR	AGAP005860-PA	-	17	0.007195617	1	2080.259	4.66	Head	2L:-:22640130-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_80724	LGDNFSYNDPIDK	AGAP005860-PA	-	97	2.26E-09	1	1497.688	1.66	Head	2L:-:22638969-22638931	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_81651	ALGGIVLTASHNPGGPENDFGIK	AGAP005860-PA	-	147	2.46E-14	1	2264.177	4.58	Head	2L:-:22640061-22639993	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_82896	IYALSGEIR	AGAP005860-PA	-	59	1.45E-05	1	1021.568	0.5	Malpighian tubule	2L:-:22639944-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_83273	EIFDFEQLR	AGAP005860-PA	-	55	3.58E-05	2	1196.597	1.92	Ovary	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_83962	VGVTEAVVEGKPFTVEVIDSVADYVLLMR	AGAP005860-PA	-	110	5.88E-11	1	3135.662	-0.86	Midgut	2L:-:22639878-22639792	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_85487	EIFDFEQLRGFVSGSSRPGGAPLK	AGAP005860-PA	-	63	4.88E-06	1	2594.342	2.08	Malpighian tubule	2L:-:22639791-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_85496	GFVSGSSRPGGAPLK	AGAP005860-PA	-	63	6.45E-06	1	1416.761	1.1	Male reproductive organs	2L:-:22639764-22639720	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_85793	ILLGQNGILSTPAVSSLIR	AGAP005860-PA	N6(Deamidated)	116	1.78E-12	2	1952.160	2.94	Malpighian tubule	2L:-:22640127-22640071	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_86648	EIFDFEQLR	AGAP005860-PA	-	41	0.001010525	2	1196.599	3.96	Head	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_86744	EIFDFEQLR	AGAP005860-PA	-	52	7.34E-05	2	1196.596	1.11	Male reproductive organs	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_87717	FNCENGGPAPDAFTNK	AGAP005860-PA	C3(Carbamidomethyl), N5(Deamidated),C3(Carbamidomethyl)	125	1.50E-12	1	1739.730	-1.81	Midgut	2L:-:22639992-22639945	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_88924	FNCENGGPAPDAFTNK	AGAP005860-PA	C3(Carbamidomethyl), N5(Deamidated)	72	3.29E-07	2	1739.732	-0.55	Pupa	2L:-:22639992-22639945	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_89412	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	104	4.09E-10	1	2089.093	0.03	Midgut	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_89487	IYALSGEIR	AGAP005860-PA	-	64	3.98E-06	2	1021.569	1.58	Salivary gland	2L:-:22639944-22639918	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_90019	FNCENGGPAPDAFTNK	AGAP005860-PA	C3(Carbamidomethyl)	87	1.22E-08	1	1738.752	1.7	Head	2L:-:22639992-22639945	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_90386	IAPVAVDVGK	AGAP005860-PA	-	40	0.000353601	1	968.576	-1.82	Pupa	2L:-:22639908-22639879	exon=> In CDS Exon 2 of transcript AGAP005860-PA

JHU_Ag_94619	LGDNFSYNDPIDK	AGAP005860-PA	-	65	3.96E-06	1	1497.689	2.15	Malpighian tubule	2L:-:22638969-22638931	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_99167	SIEEICVEHWKR	AGAP005860-PA	C6(Carbamidomethyl)	60	1.38E-05	1	1585.784	3.24	Ovary	2L:-:22639155-22639120	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_100187	SIEEICVEHWK	AGAP005860-PA	C6(Carbamidomethyl)	79	1.75E-07	1	1429.679	0.56	Midgut	2L:-:22639155-22639123	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_100270	LCLCGEESFGTGSNHIR	AGAP005860-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	82	7.66E-08	1	1936.867	1.46	Ovary	2L:-:22639266-22639216	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_100681	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	47	0.000195572	1	2089.094	0.9	Salivary gland	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_105169	EIFDFEQLR	AGAP005860-PA	-	48	0.000190189	1	1196.594	-0.83	Malpighian tubule	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_105534	LGDNFSYNDPIDK	AGAP005860-PA	-	87	2.39E-08	1	1497.685	-0.78	Midgut	2L:-:22638969-22638931	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_105541	IETVATTPFEGQKPGTSGLR	AGAP005860-PA	-	97	2.07E-09	1	2089.095	0.97	Malpighian tubule	2L:-:22640446-22640387	exon=> In CDS Exon 1 of transcript AGAP005860-PA
JHU_Ag_109460	LGDNFSYNDPIDK	AGAP005860-PA	-	97	2.14E-09	2	1497.690	2.8	Pupa	2L:-:22638969-22638931	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_109472	VGVTEAVVEGKPFTVEVIDSVADYVLLMR	AGAP005860-PA	M28(Oxidation)	96	1.57E-09	1	3151.668	2.77	Malpighian tubule	2L:-:22639878-22639792	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_112381	IAPVAVDVGK	AGAP005860-PA	-	50	2.68E-05	2	968.579	1.06	Ovary	2L:-:22639908-22639879	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_115040	ALGGIVLTASHNPGGPENDFGIK	AGAP005860-PA	-	90	1.31E-08	1	2264.171	1.67	Pupa	2L:-:22640061-22639993	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_116011	EIFDFEQLR	AGAP005860-PA	-	45	0.000352003	2	1196.600	4.57	Larva	2L:-:22639791-22639765	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_116558	TITDPAFVGR	AGAP005860-PA	-	41	0.001099937	2	1076.575	1.13	Pupa	2L:-:22639035-22639006	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_117258	LCLCGEESFGTGSNHIR	AGAP005860-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	73	5.53E-07	2	1936.864	-0.2	Midgut	2L:-:22639266-22639216	exon=> In CDS Exon 2 of transcript AGAP005860-PA
JHU_Ag_2821	YTLYNVGSGPAVNVR	AGAP005861-PB	-	104	5.45E-10	1	1609.836	1.8	Salivary gland	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_17673	LVDNGFHPEVFEVVGGQLTASIDR	AGAP005861-PB	-	77	2.83E-07	1	2599.326	4.23	Visceras	2L:+:22642143-22642146,22642236-22642303	exon=> In CDS Exon 1 and 2 of transcript AGAP005861-PB
JHU_Ag_19953	YTLYNVGSGPAVNVR	AGAP005861-PB	-	117	3.01E-11	1	1609.831	-1.46	Midgut	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_20927	LVDNGFHPEVFEVVGGQLTASIDR	AGAP005861-PB	N4(Deamidated)	117	2.74E-11	1	2600.312	4.93	Pupa	2L:+:22642143-22642146,22642236-22642303	exon=> In CDS Exon 1 and 2 of transcript AGAP005861-PB
JHU_Ag_21965	YTLYNVGSGPAVNVR	AGAP005861-PB	-	91	1.11E-08	1	1609.833	-0.4	Head	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_28443	YTLYNVGSGPAVNVR	AGAP005861-PB	-	89	1.60E-08	1	1609.836	1.35	Malpighian tubule	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_39145	LVDNGFHPEVFEVVGGQLTASIDR	AGAP005861-PB	N4(Deamidated)	112	9.95E-11	1	2600.295	-1.62	Salivary gland	2L:+:22642143-22642146,22642236-22642303	exon=> In CDS Exon 1 and 2 of transcript AGAP005861-PB
JHU_Ag_43565	LVDNGFHPEVFEVVGGQLTASIDR	AGAP005861-PB	-	112	8.88E-11	1	2599.317	0.63	Ovary	2L:+:22642143-22642146,22642236-22642303	exon=> In CDS Exon 1 and 2 of transcript AGAP005861-PB
JHU_Ag_48756	YTLYNVGSGPAVNVR	AGAP005861-PB	-	99	1.78E-09	1	1609.835	0.89	Male reproductive organs	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_63111	YTLYNVGSGPAVNVR	AGAP005861-PB	-	104	5.70E-10	1	1609.837	2.33	Pupa	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_80346	YTLYNVGSGPAVNVR	AGAP005861-PB	-	92	8.18E-09	2	1609.838	2.94	Larva	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB

JHU_Ag_89667	LVDNGFHPEVFEVVGGQLTASIDR	AGAP005861-PB	N4(Deamidated)	106	3.33E-10	1	2599.321	2.16	Midgut	2L:+:22642143-22642146,22642236-22642303	exon=> In CDS Exon 1 and 2 of transcript AGAP005861-PB
JHU_Ag_108747	LVDNGFHPEVFEVVGGQLTASIDR	AGAP005861-PB	N4(Deamidated)	115	4.49E-11	1	2600.307	3.09	Malpighian tubule	2L:+:22642143-22642146,22642236-22642303	exon=> In CDS Exon 1 and 2 of transcript AGAP005861-PB
JHU_Ag_115566	YTLYNVGSGPAVNVR	AGAP005861-PB	-	103	6.50E-10	1	1609.838	2.71	Visceras	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_116495	YTLYNVGSGPAVNVR	AGAP005861-PB	-	83	7.32E-08	1	1609.834	0.13	Ovary	2L:+:22642098-22642142	exon=> In CDS Exon 1 of transcript AGAP005861-PB
JHU_Ag_3542	LLVSK	AGAP005861-PB,AGAP005468-PA,AGAP005468-PB	-	38	0.000601268	1	559.381	-0.1	Male reproductive organs	2L:+:22642035-22642049;2L:+:15982273-15982287;2L:+:15982273-15982287	exon=> In CDS Exon 1 of transcript AGAP005861-PB;exon=> In CDS Exon 1 of transcript AGAP005468-PA;exon=> In CDS Exon 1 of transcript AGAP005468-PB
JHU_Ag_2794	HTETPQSTPLHQLQLPK	AGAP005864-PA	-	60	1.10E-05	1	1955.041	3.23	Ovary	2L:+:22653703-22653753	exon=> In CDS Exon 3 of transcript AGAP005864-PA
JHU_Ag_3557	LQSFDYADHAR	AGAP005864-PA	-	42	0.00081017	1	1322.612	-0.06	Ovary	2L:+:22651455-22651487	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_8220	VSPADTFLIEQVLVQR	AGAP005864-PA	-	87	1.18E-08	2	1815.013	6.31	Salivary gland	2L:+:22651083-22651130	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_13053	KCVLVLNLLER	AGAP005864-PA	C2(Carbamidomethyl)	39	0.00043905	1	1356.802	-1.23	Ovary	2L:+:22653754-22653773,22653853-22653865	exon=> In CDS Exon 3 and 4 of transcript AGAP005864-PA
JHU_Ag_20440	ILAQGMIFGK	AGAP005864-PA	M6(Oxidation)	50	6.98E-05	2	1093.609	1.54	Ovary	2L:+:22652127-22652156	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_27252	VSPADTFLIEQVLVQR	AGAP005864-PA	-	101	4.65E-10	1	1815.009	4.23	Ovary	2L:+:22651083-22651130	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_27318	LPASLLHGVNLQTILSLVDGNHDR	AGAP005864-PA	-	156	8.08E-16	1	2582.416	4.31	Ovary	2L:+:22649661-22649732	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_37406	RQETAATIR	AGAP005864-PA	-	45	0.000494922	2	1045.577	1.93	Malpighian tubule	2L:+:22650798-22650824	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_38699	ALLYEANPTCIQR	AGAP005864-PA	C10(Carbamidomethyl)	72	1.19E-06	1	1548.786	1.29	Ovary	2L:+:22652636-22652674	exon=> In CDS Exon 2 of transcript AGAP005864-PA
JHU_Ag_39468	VGAFNNLVTK	AGAP005864-PA	-	51	6.51E-05	2	1062.596	1.51	Ovary	2L:+:22652447-22652476	exon=> In CDS Exon 2 of transcript AGAP005864-PA
JHU_Ag_46219	SPDGSLFLDR	AGAP005864-PA	-	63	9.96E-06	2	1106.548	0.05	Ovary	2L:+:22651017-22651046	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_50287	GLYVVASNVTNVPDLADLAR	AGAP005864-PA	-	55	2.14E-05	2	2087.123	4.84	Malpighian tubule	2L:+:22653457-22653516	exon=> In CDS Exon 3 of transcript AGAP005864-PA
JHU_Ag_53372	KVFLLR	AGAP005864-PA	-	24	0.003290353	2	775.517	-2.76	Ovary	2L:+:22650105-22650122	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_55230	EQLIALQEAVDK	AGAP005864-PA	Q2(Deamidated), Q7(Deamidated)	39	0.001730177	1	1358.711	4.75	Male reproductive organs	2L:+:22651341-22651376	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_56572	SASVEQWQTVR	AGAP005864-PA	-	65	5.35E-06	2	1290.650	5	Malpighian tubule	2L:+:22653595-22653627	exon=> In CDS Exon 3 of transcript AGAP005864-PA
JHU_Ag_56631	VEENLMQYFTESK	AGAP005864-PA	M6(Oxidation)	60	1.08E-05	2	1633.743	0.84	Ovary	2L:+:22652477-22652515	exon=> In CDS Exon 2 of transcript AGAP005864-PA
JHU_Ag_60654	ACVQLLDGLGEK	AGAP005864-PA	C2(Carbamidomethyl)	77	3.78E-07	2	1302.673	0.38	Ovary	2L:+:22653134-22653169	exon=> In CDS Exon 2 of transcript AGAP005864-PA
JHU_Ag_64531	ELTTFVDRFER	AGAP005864-PA	-	31	0.00875709	1	1412.717	-0.22	Ovary	2L:+:22649823-22649855	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_64999	QLFINSLQDLDSKQFK	AGAP005864-PA	-	52	5.73E-05	1	1924.030	6.35	Malpighian tubule	2L:+:22653541-22653588	exon=> In CDS Exon 3 of transcript AGAP005864-PA
JHU_Ag_73347	VSPADTFLIEQVLVQR	AGAP005864-PA	-	50	4.07E-05	2	1815.017	8.87	Malpighian tubule	2L:+:22651083-22651130	exon=> In CDS Exon 1 of transcript AGAP005864-PA

JHU_Ag_78539	HTETPQSTPLHQLQLPK	AGAP005864-PA	-	51	7.27E-05	1	1955.045	5.38	Malpighian tubule	2L:+:22653703-22653753	exon=> In CDS Exon 3 of transcript AGAP005864-PA
JHU_Ag_83137	ACVQLLDGLGEKFLGK	AGAP005864-PA	C2(Carbamidomethyl)	37	0.001708123	1	1747.947	3.59	Malpighian tubule	2L:+:22653134-22653181	exon=> In CDS Exon 2 of transcript AGAP005864-PA
JHU_Ag_88217	LTPMFAITQEHFR	AGAP005864-PA	M4(Oxidation)	48	0.000270738	1	1606.807	1.47	Ovary	2L:+:22650978-22651016	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_89931	AAGVPAEDVAGTALLK	AGAP005864-PA	-	54	3.45E-05	1	1482.824	5.27	Malpighian tubule	2L:+:22653086-22653133	exon=> In CDS Exon 2 of transcript AGAP005864-PA
JHU_Ag_91727	EQLIALQEAVDKR	AGAP005864-PA	-	77	1.16E-07	2	1512.840	1.5	Ovary	2L:+:22651341-22651379	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_96743	SPDGSLFLDR	AGAP005864-PA	-	41	0.001388795	1	1106.547	-0.72	Salivary gland	2L:+:22651017-22651046	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_102950	SASVEQWQTVR	AGAP005864-PA	-	64	7.12E-06	1	1290.646	1.59	Ovary	2L:+:22653595-22653627	exon=> In CDS Exon 3 of transcript AGAP005864-PA
JHU_Ag_109505	APLAAGGSVPK	AGAP005864-PA	-	52	3.07E-05	1	967.557	-0.63	Ovary	2L:+:22650606-22650638	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_113193	ELLEALLR	AGAP005864-PA	-	49	6.39E-05	2	956.581	4.02	Ovary	2L:+:22650123-22650146	exon=> In CDS Exon 1 of transcript AGAP005864-PA
JHU_Ag_5046	ALVAQSDAQMHLPATIGDYTDFYSSIHHATNVGVMFR	AGAP005865-PA	M10(Oxidation), M35(Oxidation)	195	3.09E-19	1	4095.939	1.45	Malpighian tubule	2L:+:22655226-22655336	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_8372	LEVDIKPK	AGAP005865-PA	-	29	0.004857233	2	941.568	1.27	Malpighian tubule	2L:+:22655808-22655826,22655992-22655996	exon=> In CDS Exon 3 and 4 of transcript AGAP005865-PA
JHU_Ag_11644	IGVAIGEQILDLSAVLSFYPER	AGAP005865-PA	-	59	5.72E-06	1	2390.303	2.74	Malpighian tubule	2L:+:22654930-22654995	exon=> In CDS Exon 2 of transcript AGAP005865-PA
JHU_Ag_22604	GYCTGADGLR	AGAP005865-PA	C3(Carbamidomethyl)	48	0.000123908	2	1069.474	0.82	Malpighian tubule	2L:+:22656258-22656287	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_22767	ELLLEGSALHK	AGAP005865-PA	-	38	0.000681537	2	1209.688	3.69	Ovary	2L:+:22655172-22655204	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_25635	GKENALMPNWK	AGAP005865-PA	-	62	8.65E-06	1	1287.654	1.84	Malpighian tubule	2L:+:22655337-22655369	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_25660	KFLQDHDEVLIR	AGAP005865-PA	-	38	0.00137449	1	1512.819	1.16	Ovary	2L:+:22656222-22656257	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_27577	NLGTTISPWVVPVAALEPFR	AGAP005865-PA	-	94	1.88E-09	1	2167.191	-0.19	Malpighian tubule	2L:+:22655673-22655732	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_43328	DAALQQR	AGAP005865-PA	-	34	0.003410467	2	801.423	1.59	Malpighian tubule	2L:+:22655205-22655225	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_45799	DIQKWEYVPLGPFTAK	AGAP005865-PA	-	61	1.01E-05	1	1891.996	0.29	Malpighian tubule	2L:+:22655625-22655672	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_47640	ASSVVVSGTPIRRPYGQTLPVEGAEPAFGPCR	AGAP005865-PA	C31(Carbamidomethyl)	72	5.25E-07	1	3355.733	3.45	Malpighian tubule	2L:+:22655397-22655492	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_48076	FLQDHDEVLIR	AGAP005865-PA	-	93	5.71E-09	1	1384.725	2.45	Head	2L:+:22656225-22656257	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_49248	ASSVVVSGTPIR	AGAP005865-PA	-	65	3.01E-06	2	1172.664	0.07	Ovary	2L:+:22655397-22655432	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_54767	RPYGQTLPVEGAEPAFGPCR	AGAP005865-PA	C19(Carbamidomethyl)	54	6.48E-05	1	2202.076	-0.09	Head	2L:+:22655433-22655492	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_56715	ELLLEGSALHKDAALQQR	AGAP005865-PA	-	133	2.55E-13	1	1992.091	1.63	Malpighian tubule	2L:+:22655172-22655225	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_58582	TTGVATTVCR	AGAP005865-PA	C9(Carbamidomethyl)	58	2.60E-05	1	1065.536	0.39	Malpighian tubule	2L:+:22655997-22656026	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_59270	VDNFPQDPAPFPYLQHEQQFNFDIK	AGAP005865-PA	-	43	0.000744144	1	3034.447	3.22	Pupa	2L:+:22655733-22655807	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_59535	VDNFPQDPAPFPYLQHEQQFNFDIK	AGAP005865-PA	-	89	2.06E-08	1	3034.446	2.79	Malpighian tubule	2L:+:22655733-22655807	exon=> In CDS Exon 3 of transcript AGAP005865-PA

JHU_Ag_69312	VDNFPQDPAPFPYLQHEQQFNFDIK	AGAP005865-PA	-	71	1.31E-06	1	3034.442	1.53	Head	2L:+:22655733-22655807	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_72255	RPYGQTLPVEGAEPAFGPCR	AGAP005865-PA	C19(Carbamidomethyl)	110	1.32E-10	1	2202.079	1.08	Malpighian tubule	2L:+:22655433-22655492	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_73143	NLGTTISPWVVPVAALEPFR	AGAP005865-PA	-	51	3.13E-05	1	2167.198	3.09	Head	2L:+:22655673-22655732	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_75679	KFLQDHDEVLIR	AGAP005865-PA	-	79	1.32E-07	1	1512.816	-0.47	Malpighian tubule	2L:+:22656222-22656257	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_82784	VDNFPQDPAPFPYLQHEQQFNFDIK	AGAP005865-PA	N3(Deamidated)	39	0.002140496	1	3035.453	10.39	Visceras	2L:+:22655733-22655807	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_85831	QVSLAGGETR	AGAP005865-PA	-	62	1.29E-05	2	1017.534	1.13	Malpighian tubule	2L:+:22656192-22656221	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_87096	ELLLEGSALHK	AGAP005865-PA	-	57	1.13E-05	1	1209.682	-1.16	Malpighian tubule	2L:+:22655172-22655204	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_90916	DIQKWEYVPLGPFTAK	AGAP005865-PA	-	58	1.48E-05	1	1892.013	9.52	Ovary	2L:+:22655625-22655672	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_92582	ELLLEGSALHK	AGAP005865-PA	-	46	8.34E-05	1	1209.699	12.46	Salivary gland	2L:+:22655172-22655204	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_94424	RPYGQTLPVEGAEPAFGPCR	AGAP005865-PA	C19(Carbamidomethyl)	107	3.23E-10	1	2202.079	1.33	Salivary gland	2L:+:22655433-22655492	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_95246	QVSLAGGETRK	AGAP005865-PA	-	44	0.000520859	2	1145.627	-0.54	Malpighian tubule	2L:+:22656192-22656224	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_96240	ASSVVVSGTPIR	AGAP005865-PA	-	81	7.86E-08	1	1172.665	1.21	Malpighian tubule	2L:+:22655397-22655432	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_98694	ASSVVVSGTPIR	AGAP005865-PA	-	35	0.003064121	2	1172.663	-0.45	Visceras	2L:+:22655397-22655432	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_107122	FLQDHDEVLIR	AGAP005865-PA	-	84	5.05E-08	1	1384.723	0.77	Malpighian tubule	2L:+:22656225-22656257	exon=> In CDS Exon 4 of transcript AGAP005865-PA
JHU_Ag_108321	ASSVVVSGTPIR	AGAP005865-PA	-	41	0.000889201	2	1172.664	0.48	Salivary gland	2L:+:22655397-22655432	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_112869	RPYGQTLPVEGAEPAFGPCR	AGAP005865-PA	C19(Carbamidomethyl)	69	1.79E-06	1	2202.082	2.57	Ovary	2L:+:22655433-22655492	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_114034	RPYGQTLPVEGAEPAFGPCR	AGAP005865-PA	C19(Carbamidomethyl)	90	1.50E-08	1	2202.078	0.74	Visceras	2L:+:22655433-22655492	exon=> In CDS Exon 3 of transcript AGAP005865-PA
JHU_Ag_3504	DIIPVVQSSDSAETR	AGAP005866-PA	-	80	1.71E-07	2	1616.815	1.2	Visceras	2L:-:22673754-22673817,22668057-22668253	exon=> In CDS Exon 2 and 1 of transcript AGAP005866-PA
JHU_Ag_8223	LYDISYDTGDK	AGAP005866-PA	-	64	4.31E-06	1	1289.589	-0.55	Head	2L:-:22660104-22660072	exon=> In CDS Exon 6 of transcript AGAP005866-PA
JHU_Ag_8857	IAELLVDYVNIQNDRK	AGAP005866-PA	-	58	1.31E-05	1	1903.029	0.31	Pupa	2L:-:22668237-22668190	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_17367	ALPGELVMFTSDQCHYSVK	AGAP005866-PA	C14(Carbamidomethyl),"M8(Oxidation),C14(Carbamidomethyl)"	110	1.15E-10	1	2198.033	3.53	Head	2L:-:22664487-22664431	exon=> In CDS Exon 3 of transcript AGAP005866-PA
JHU_Ag_20562	LIPAELER	AGAP005866-PA	-	26	0.008710263	1	940.546	-0.32	Head	2L:-:22664361-22664338	exon=> In CDS Exon 3 of transcript AGAP005866-PA
JHU_Ag_22413	LWLQWR	AGAP005866-PA	-	41	0.001525854	2	901.505	0.95	Visceras	2L:-:22660035-22660018	exon=> In CDS Exon 6 of transcript AGAP005866-PA
JHU_Ag_23198	TSINVEK	AGAP005866-PA	N-Term(Acetyl)	46	0.000607292	1	832.443	1.97	Head	2L:-:22673814-22673794	exon=> In CDS Exon 1 of transcript AGAP005866-PA
JHU_Ag_25463	DIIPVVQSSDSAETR	AGAP005866-PA	Q7(Deamidated)	116	4.23E-11	1	1616.817	2.48	Head	2L:-:22673754-22673817,22668057-22668253	exon=> In CDS Exon 2 and 1 of transcript AGAP005866-PA
JHU_Ag_36397	CDSITWNPHK	AGAP005866-PA	C1(Carbamidomethyl)	57	1.37E-05	1	1257.567	-1.13	Head	2L:-:22661266-22661237	exon=> In CDS Exon 5 of transcript AGAP005866-PA

JHU_Ag_46755	LWLQWR	AGAP005866-PA	-	45	0.000504341	1	901.507	2.5	Head	2L:-:22660035-22660018	exon=> In CDS Exon 6 of transcript AGAP005866-PA
JHU_Ag_49643	LLTLDIPEDAVTLQQLVK	AGAP005866-PA	-	111	1.12E-11	1	2009.157	2.02	Head	2L:-:22668147-22668094	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_57095	IAELLVDYVNIQNDR	AGAP005866-PA	-	70	1.18E-06	2	1774.941	4.09	Visceras	2L:-:22668237-22668193	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_57344	ILDFHHPEDMK	AGAP005866-PA	M10(Oxidation)	68	2.15E-06	1	1397.652	0.11	Head	2L:-:22668183-22668151	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_59562	HNDIFK	AGAP005866-PA	-	48	0.000112787	2	773.394	-0.63	Head	2L:-:22660053-22660036	exon=> In CDS Exon 6 of transcript AGAP005866-PA
JHU_Ag_68755	KLLTLDIPEDAVTLQQLVK	AGAP005866-PA	-	73	3.60E-08	1	2137.252	1.66	Head	2L:-:22668150-22668094	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_71601	SIISSIAVTEADVDFMLNEIDR	AGAP005866-PA	-	56	3.38E-05	3	2438.219	2.78	Head	2L:-:22659726-22659661	exon=> In CDS Exon 6 of transcript AGAP005866-PA
JHU_Ag_73069	LMGALLQCSTIHFK	AGAP005866-PA	M2(Oxidation), C8(Carbamidomethyl)	82	9.35E-08	2	1634.842	1.36	Head	2L:-:22661236-22661195	exon=> In CDS Exon 5 of transcript AGAP005866-PA
JHU_Ag_75330	SCAAVCGLGTDNCVMVPSDEHGR	AGAP005866-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C13(Carbamidomethyl), M15(Oxidation),"C2(Carbamidomethyl), C6(Carbamidomethyl), C13(Carbamidomethyl)"	138	5.19E-14	1	2508.032	-1.98	Head	2L:-:22664430-22664362	exon=> In CDS Exon 3 of transcript AGAP005866-PA
JHU_Ag_77981	IIGWDGGDSILAPGGSISNLYAFLAAR	AGAP005866-PA	-	32	0.005720302	1	2734.420	-0.02	Head	2L:-:22664607-22664527	exon=> In CDS Exon 3 of transcript AGAP005866-PA
JHU_Ag_84591	IAELLVDYVNIQNDR	AGAP005866-PA	-	105	3.36E-10	1	1774.940	3.95	Head	2L:-:22668237-22668193	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_99322	IAELLVDYVNIQNDRK	AGAP005866-PA	-	119	8.86E-12	1	1903.032	1.96	Visceras	2L:-:22668237-22668190	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_107297	HMDHLMELAEYEVK	AGAP005866-PA	M2(Oxidation),M6(Oxidation),"M2(Oxidation), M6(Oxidation)"	87	2.13E-08	2	1760.797	-0.99	Head	2L:-:22659990-22659949	exon=> In CDS Exon 6 of transcript AGAP005866-PA
JHU_Ag_109135	IAELLVDYVNIQNDRK	AGAP005866-PA	-	123	3.94E-12	1	1903.030	0.99	Head	2L:-:22668237-22668190	exon=> In CDS Exon 2 of transcript AGAP005866-PA
JHU_Ag_114737	LYDISYDTGDKVIQCGR	AGAP005866-PA	C15(Carbamidomethyl)	63	8.15E-06	1	2002.967	6.69	Head	2L:-:22660104-22660054	exon=> In CDS Exon 6 of transcript AGAP005866-PA
JHU_Ag_117118	FNDSASVISNALLNHFAGVHR	AGAP005870-PA,AGAP005870-PB	-	67	2.62E-06	1	2269.158	4.67	Head	2L:-:22686867-22686805;2L:-:22686867-22686805	exon=> In CDS Exon 12 of transcript AGAP005870-PA;exon=> In CDS Exon 10 of transcript AGAP005870-PB
JHU_Ag_49984	LIGTPDKIFQK	AGAP005871-PA	Q10(Deamidated)	30	0.006249555	1	1260.715	-3.76	Malpighian tubule	2L:+:22711561-22711593	exon=> In CDS Exon 2 of transcript AGAP005871-PA
JHU_Ag_110498	KIPIIIR	AGAP005873-PA	-	17	0.002818975	2	852.604	1.11	Ovary	2L:+:22716635-22716655	exon=> In CDS Exon 2 of transcript AGAP005873-PA
JHU_Ag_112887	KIPIIIR	AGAP005873-PA	-	27	0.000332729	1	852.604	1.11	Ovary	2L:+:22716635-22716655	exon=> In CDS Exon 2 of transcript AGAP005873-PA
JHU_Ag_53332	LISDADK	AGAP005874-PA	-	44	0.001176407	2	761.415	14.88	Malpighian tubule	2L:-:22717039-22717019	exon=> In CDS Exon 2 of transcript AGAP005874-PA
JHU_Ag_16053	ILALR	AGAP005880-PA,AGAP010388-PA	-	36	0.000604291	1	585.408	0.16	Larva	2L:+:23120978-23120992;3L:-:2458746-2458732	exon=> In CDS Exon 5 of transcript AGAP005880-PA;exon=> In CDS Exon 6 of transcript AGAP010388-PA
JHU_Ag_17399	EDISNLIK	AGAP005881-PA	-	37	0.004492207	1	931.509	-0.14	Head	2L:-:23124425-23124402	exon=> In CDS Exon 7 of transcript AGAP005881-PA

JHU_Ag_44295	EDISNLIK	AGAP005881-PA	-	38	0.003745068	1	931.509	-0.14	Midgut	2L:-:23124425-23124402	exon=> In CDS Exon 7 of transcript AGAP005881-PA
JHU_Ag_7599	EIADYLVAGKPER	AGAP005882-PA	-	55	3.86E-05	2	1460.785	7.28	Salivary gland	2L:-:23134360-23134322	exon=> In CDS Exon 1 of transcript AGAP005882-PA
JHU_Ag_37512	DDHSSIMDGEIDGAGGGGGGVLIDLADK	AGAP005882-PA	-	43	0.000594738	3	2671.207	-3.26	Head	2L:-:23133916-23133833	exon=> In CDS Exon 1 of transcript AGAP005882-PA
JHU_Ag_65274	EIADYLVAGKPER	AGAP005882-PA	-	71	9.86E-07	1	1460.775	0.18	Midgut	2L:-:23134360-23134322	exon=> In CDS Exon 1 of transcript AGAP005882-PA
JHU_Ag_66511	NDNDEIDFDDLSR	AGAP005882-PA	-	86	9.58E-09	2	1567.653	1.27	Head	2L:-:23133169-23133131	exon=> In CDS Exon 3 of transcript AGAP005882-PA
JHU_Ag_91557	EIADYLVAGKPER	AGAP005882-PA	-	92	8.65E-09	1	1460.777	1.69	Head	2L:-:23134360-23134322	exon=> In CDS Exon 1 of transcript AGAP005882-PA
JHU_Ag_101958	YGKPYAEQVR	AGAP005882-PA	-	39	0.001315885	1	1210.623	1.53	Head	2L:-:23134093-23134064	exon=> In CDS Exon 1 of transcript AGAP005882-PA
JHU_Ag_37654	ETLAHHYEREEECLTNDLSR	AGAP005883-PA	C13(Carbamidomethyl)	90	1.05E-08	1	2502.140	3.21	Ovary	2L:+:23136947-23137006	exon=> In CDS Exon 3 of transcript AGAP005883-PA
JHU_Ag_40854	IQALKK	AGAP005883-PA	Q2(Deamidated)	32	0.003534515	1	701.452	-4.8	Head	2L:+:23136923-23136940	exon=> In CDS Exon 3 of transcript AGAP005883-PA
JHU_Ag_49383	NENGNDTATQLTAHITNLR	AGAP005883-PA	-	37	0.003169676	1	2083.021	2.3	Ovary	2L:+:23137398-23137454	exon=> In CDS Exon 4 of transcript AGAP005883-PA
JHU_Ag_65953	LDQPVSDPTSPK	AGAP005883-PA	-	66	3.69E-06	1	1283.649	0.98	Ovary	2L:+:23137268-23137302,23137379-23137379	exon=> In CDS Exon 3 and 4 of transcript AGAP005883-PA
JHU_Ag_69964	LDQPVSDPTSPK	AGAP005883-PA	-	51	0.000102569	1	1283.649	1.08	Head	2L:+:23137268-23137302,23137379-23137379	exon=> In CDS Exon 3 and 4 of transcript AGAP005883-PA
JHU_Ag_75087	AEQEEEYISNTLLK	AGAP005883-PA	-	57	3.20E-05	2	1666.818	0.5	Ovary	2L:+:23136878-23136919	exon=> In CDS Exon 3 of transcript AGAP005883-PA
JHU_Ag_75396	LFNENVSALASQRPISPGGLTR	AGAP005883-PA	-	91	5.50E-09	1	2327.252	2.18	Head	2L:+:23137662-23137727	exon=> In CDS Exon 4 of transcript AGAP005883-PA
JHU_Ag_13120	NVHGGGGQHGGHGQGFGGHGQVGGHGHGQQHGHGGYK	AGAP005889-PA	-	32	0.00496921	1	3532.595	5.77	Larva	2L:+:23181602-23181712	exon=> In CDS Exon 3 of transcript AGAP005889-PA
JHU_Ag_29540	WGAGADQWNR	AGAP005890-PA,AGAP005890-PB	-	62	5.93E-06	1	1160.527	2.84	Malpighian tubule	2L:-:23185214-23185185;2L::23185214-23185185	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_34761	TDGLDQAESAWNNNPNAWNAGQNTWGR	AGAP005890-PA,AGAP005890-PB	-	65	3.09E-06	1	2987.308	0.92	Head	2L:-:23185508-23185428;2L::23185508-23185428	exon=> In CDS Exon 1 of transcript AGAP005890-PA;exon=> In CDS Exon 1 of transcript AGAP005890-PB
JHU_Ag_36491	DQAAWNHPSSWNHGSAWNHPNAWNR	AGAP005890-PA,AGAP005890-PB	-	71	5.62E-07	1	2940.280	-1.55	Midgut	2L:-:23185427-23185353;2L::23185427-23185353	exon=> In CDS Exon 1 of transcript AGAP005890-PA;exon=> In CDS Exon 1 of transcript AGAP005890-PB
JHU_Ag_46111	GAAAGWPAGAAGNR	AGAP005890-PA,AGAP005890-PB	-	38	0.00206556	2	1226.605	1.7	Malpighian tubule	2L:-:23185142-23185101;2L::23185142-23185101	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_50257	YGAAGAGYNSWAGR	AGAP005890-PA,AGAP005890-PB	-	91	6.51E-09	2	1400.633	-0.72	Midgut	2L:-:23185184-23185143;2L::23185184-23185143	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_62431	DQAAWNHPSSWNHGSAWNHPNAWNR	AGAP005890-PA,AGAP005890-PB	-	163	4.16E-16	1	2940.289	1.44	Head	2L:-:23185427-23185353;2L::23185427-23185353	exon=> In CDS Exon 1 of transcript AGAP005890-PA;exon=> In CDS Exon 1 of transcript AGAP005890-PB

JHU_Ag_68089	WGAGADQWNR	AGAP005890-PA,AGAP005890-PB	-	71	5.12E-07	1	1160.521	-1.79	Midgut	2L:-:23185214-23185185;2L:-:23185214-23185185	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_73318	GAAAGWPAGAAGNR	AGAP005890-PA,AGAP005890-PB	-	65	4.08E-06	2	1226.601	-1.39	Head	2L:-:23185142-23185101;2L:-:23185142-23185101	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_75440	YGAAGAGYNSWAGR	AGAP005890-PA,AGAP005890-PB	N9(Deamidated)	108	1.29E-10	1	1400.634	-0.11	Head	2L:-:23185184-23185143;2L:-:23185184-23185143	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_79992	YGAAGAGYNSWAGR	AGAP005890-PA,AGAP005890-PB	-	99	1.24E-09	1	1400.639	3.63	Malpighian tubule	2L:-:23185184-23185143;2L:-:23185184-23185143	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_93561	GAAAGWPAGAAGNRWNAW	AGAP005890-PA,AGAP005890-PB	-	74	6.39E-07	1	1783.840	-0.84	Malpighian tubule	2L:-:23185142-23185089;2L:-:23185142-23185089	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_95711	DQAAWNHPSSWNHGSAWNHPNAWNR	AGAP005890-PA,AGAP005890-PB	-	75	2.70E-07	1	2940.288	1.02	Malpighian tubule	2L:-:23185427-23185353;2L:-:23185427-23185353	exon=> In CDS Exon 1 of transcript AGAP005890-PA;exon=> In CDS Exon 1 of transcript AGAP005890-PB
JHU_Ag_115287	WGAGADQWNR	AGAP005890-PA,AGAP005890-PB	-	73	3.82E-07	2	1160.524	0.32	Head	2L:-:23185214-23185185;2L:-:23185214-23185185	exon=> In CDS Exon 2 of transcript AGAP005890-PA;exon=> In CDS Exon 2 of transcript AGAP005890-PB
JHU_Ag_922	YGAAGAGYNSWAGR	AGAP005890-PB,AGAP005890-PA	N9(Deamidated)	101	6.75E-10	1	1400.636	1.54	Visceras	2L:-:23185184-23185143;2L:-:23185184-23185143	exon=> In CDS Exon 2 of transcript AGAP005890-PB;exon=> In CDS Exon 2 of transcript AGAP005890-PA
JHU_Ag_8172	GAAAGWPAGAAGNR	AGAP005890-PB,AGAP005890-PA	-	70	1.29E-06	1	1226.603	0.5	Visceras	2L:-:23185142-23185101;2L:-:23185142-23185101	exon=> In CDS Exon 2 of transcript AGAP005890-PB;exon=> In CDS Exon 2 of transcript AGAP005890-PA
JHU_Ag_45126	WGAGADQWNR	AGAP005890-PB,AGAP005890-PA	-	63	3.90E-06	2	1160.525	1.89	Visceras	2L:-:23185214-23185185;2L:-:23185214-23185185	exon=> In CDS Exon 2 of transcript AGAP005890-PB;exon=> In CDS Exon 2 of transcript AGAP005890-PA
JHU_Ag_82670	DQAAWNHPSSWNHGSAWNHPNAWNR	AGAP005890-PB,AGAP005890-PA	N12(Deamidated)	166	2.11E-16	1	2940.292	2.43	Visceras	2L:-:23185427-23185353;2L:-:23185427-23185353	exon=> In CDS Exon 1 of transcript AGAP005890-PB;exon=> In CDS Exon 1 of transcript AGAP005890-PA
JHU_Ag_95880	TDGLDQAESAWNNNPNAWNAGQNTWGR	AGAP005890-PB,AGAP005890-PA	-	127	1.85E-12	1	2987.307	0.67	Visceras	2L:-:23185508-23185428;2L:-:23185508-23185428	exon=> In CDS Exon 1 of transcript AGAP005890-PB;exon=> In CDS Exon 1 of transcript AGAP005890-PA
JHU_Ag_11835	HGLIFTTGFNR	AGAP005891-PA	-	43	0.000767985	2	1262.663	-0.94	Midgut	2L:+:23207622-23207654	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_21408	NGEVLNEALAHEGSK	AGAP005891-PA	-	63	6.82E-06	1	1567.770	-0.85	Midgut	2L:+:23207553-23207597	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_21800	TLTEPVVDLVYHQR	AGAP005891-PA	-	97	1.92E-09	1	1669.893	1.21	Midgut	2L:+:23207295-23207336	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_22978	TLTEPVVDLVYHQR	AGAP005891-PA	-	85	3.02E-08	1	1669.898	4.57	Ovary	2L:+:23207295-23207336	exon=> In CDS Exon 3 of transcript AGAP005891-PA

JHU_Ag_23721	GGYVSQAQSTTLTVTK	AGAP005891-PA	-	71	1.08E-06	2	1640.851	1.42	Male reproductive organs	2L:+:23208359-23208406	exon=> In CDS Exon 4 of transcript AGAP005891-PA
JHU_Ag_24660	LNNGGLCQVISMTVPR	AGAP005891-PA	C7(Carbamidomethyl)	43	0.000804026	2	1758.903	1.98	Malpighian tubule	2L:+:23207949-23207996	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_31618	VWQIPDGGLSR	AGAP005891-PA	-	38	0.001700975	2	1227.645	-2.28	Head	2L:+:23207262-23207294	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_40963	GPVLDIAWCPHNDNVIASGSEDCVVK	AGAP005891-PA	C9(Carbamidomethyl), C23(Carbamidomethyl)	123	7.70E-12	1	2852.338	1.3	Ovary	2L:+:23206332-23206409	exon=> In CDS Exon 2 of transcript AGAP005891-PA
JHU_Ag_51380	HGLIFTTGFNR	AGAP005891-PA	-	40	0.001578894	2	1262.663	-0.65	Pupa	2L:+:23207622-23207654	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_54536	TLTEPVVDLVYHQR	AGAP005891-PA	-	63	5.42E-06	2	1669.893	1.43	Pupa	2L:+:23207295-23207336	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_55120	SSWDSTFCAVNPK	AGAP005891-PA	C8(Carbamidomethyl)	51	6.46E-05	1	1498.663	-0.18	Male reproductive organs	2L:+:23200072-23200110	exon=> In CDS Exon 1 of transcript AGAP005891-PA
JHU_Ag_57870	HGLIFTTGFNR	AGAP005891-PA	-	53	7.10E-05	1	1262.668	2.92	Head	2L:+:23207622-23207654	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_60480	VWQIPDGGLSR	AGAP005891-PA	-	39	0.001254187	1	1227.652	3.39	Ovary	2L:+:23207262-23207294	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_63388	SSWDSTFCAVNPK	AGAP005891-PA	C8(Carbamidomethyl)	55	2.88E-05	1	1498.667	2.26	Ovary	2L:+:23200072-23200110	exon=> In CDS Exon 1 of transcript AGAP005891-PA
JHU_Ag_67575	TLTEPVVDLVYHQR	AGAP005891-PA	-	85	3.37E-08	1	1669.889	-1.2	Male reproductive organs	2L:+:23207295-23207336	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_74813	TLTEPVVDLVYHQR	AGAP005891-PA	-	119	1.29E-11	1	1669.894	1.87	Visceras	2L:+:23207295-23207336	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_76435	GGYVSQAQSTTLTVTK	AGAP005891-PA	-	34	0.004881015	1	1640.854	3.13	Head	2L:+:23208359-23208406	exon=> In CDS Exon 4 of transcript AGAP005891-PA
JHU_Ag_79752	NGEVLNEALAHEGSK	AGAP005891-PA	-	107	2.91E-10	1	1567.773	1.41	Ovary	2L:+:23207553-23207597	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_83612	YFEVTPEHPYVHYISQFQTPDSQR	AGAP005891-PA	-	84	5.47E-08	1	2968.388	-0.74	Head	2L:+:23207811-23207882	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_85319	IAADHALVGGHK	AGAP005891-PA	-	102	9.15E-10	1	1188.649	0.76	Head	2L:+:23206296-23206331	exon=> In CDS Exon 2 of transcript AGAP005891-PA
JHU_Ag_91023	NGEVLNEALAHEGSK	AGAP005891-PA	N1(Deamidated)	127	3.38E-12	1	1568.755	0.16	Head	2L:+:23207553-23207597	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_94007	GGYVSQAQSTTLTVTK	AGAP005891-PA	-	72	7.39E-07	2	1640.854	3.05	Ovary	2L:+:23208359-23208406	exon=> In CDS Exon 4 of transcript AGAP005891-PA
JHU_Ag_109465	HGLIFTTGFNR	AGAP005891-PA	-	49	0.000160062	2	1262.664	0.31	Visceras	2L:+:23207622-23207654	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_110629	HVFGQALKR	AGAP005891-PA	-	44	0.000200168	1	1055.611	-0.31	Pupa	2L:+:23200012-23200038	exon=> In CDS Exon 1 of transcript AGAP005891-PA
JHU_Ag_113293	HGLIFTTGFNR	AGAP005891-PA	-	51	0.0001435	1	1262.667	1.96	Ovary	2L:+:23207622-23207654	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_115511	REQCYDNIR	AGAP005891-PA	C4(Carbamidomethyl)	44	0.000479036	2	1253.566	-2.28	Head	2L:+:23200036-23200062	exon=> In CDS Exon 1 of transcript AGAP005891-PA
JHU_Ag_116263	YFEVTPEHPYVHYISQFQTPDSQR	AGAP005891-PA	-	106	3.26E-10	1	2968.387	-1.11	Ovary	2L:+:23207811-23207882	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_116799	NGEVLNEALAHEGSK	AGAP005891-PA	N1(Deamidated)	97	3.28E-09	1	1567.771	-0.15	Male reproductive organs	2L:+:23207553-23207597	exon=> In CDS Exon 3 of transcript AGAP005891-PA
JHU_Ag_5539	ICEDSADVLDSSALNRPLNIMIPK	AGAP005892-PA	C2(Carbamidomethyl)	87	2.53E-08	1	2671.351	2.86	Ovary	2L:-:23223309-23223238	exon=> In CDS Exon 2 of transcript AGAP005892-PA
JHU_Ag_6005	LGLVCPVEVAPSLQQFVR	AGAP005892-PA	C5(Carbamidomethyl)	80	6.58E-08	1	2012.100	-0.15	Ovary	2L:-:23219787-23219734	exon=> In CDS Exon 5 of transcript AGAP005892-PA
JHU_Ag_15525	ATAGILITTIANK	AGAP005892-PA	-	71	1.95E-07	2	1286.769	0.93	Ovary	2L:-:23223450-23223412	exon=> In CDS Exon 2 of transcript AGAP005892-PA
JHU_Ag_15643	SWEPQPDGLSQIITLLK	AGAP005892-PA	N-Term(Acetyl)	36	0.002227347	1	1967.049	0.44	Ovary	2L:-:23223864-23223814	exon=> In CDS Exon 1 of transcript AGAP005892-PA

JHU_Ag_16374	LGLVCPVEVAPSLQQFVR	AGAP005892-PA	C5(Carbamidomethyl)	57	1.29E-05	1	2012.099	-0.34	Male reproductive organs	2L:-:23219787-23219734	exon=> In CDS Exon 5 of transcript AGAP005892-PA
JHU_Ag_26297	TLLENTAITIGR	AGAP005892-PA	-	93	3.27E-09	2	1301.744	1.37	Midgut	2L:-:23221274-23221351,23219729-23219788	exon=> In CDS Exon 5 and 4 of transcript AGAP005892-PA
JHU_Ag_27927	TLLENTAITIGR	AGAP005892-PA	-	84	2.37E-08	2	1301.749	4.94	Malpighian tubule	2L:-:23221274-23221351,23219729-23219788	exon=> In CDS Exon 5 and 4 of transcript AGAP005892-PA
JHU_Ag_30235	TLLENTAITIGR	AGAP005892-PA	-	77	1.53E-07	2	1301.742	-0.13	Ovary	2L:-:23221274-23221351,23219729-23219788	exon=> In CDS Exon 5 and 4 of transcript AGAP005892-PA
JHU_Ag_59942	THTQKPSLGGGASGADGAVR	AGAP005892-PA	-	102	9.53E-10	1	1866.944	1.33	Malpighian tubule	2L:-:23222745-23222686	exon=> In CDS Exon 2 of transcript AGAP005892-PA
JHU_Ag_64693	LGLVCPVEVAPSLQQFVR	AGAP005892-PA	C5(Carbamidomethyl)	60	6.23E-06	2	2012.110	5.06	Malpighian tubule	2L:-:23219787-23219734	exon=> In CDS Exon 5 of transcript AGAP005892-PA
JHU_Ag_90603	THTQKPSLGGGASGADGAVR	AGAP005892-PA	-	63	7.65E-06	1	1866.942	0.06	Ovary	2L:-:23222745-23222686	exon=> In CDS Exon 2 of transcript AGAP005892-PA
JHU_Ag_99848	FVEQFPPQLSER	AGAP005892-PA	-	53	7.68E-05	2	1476.747	-0.58	Ovary	2L:-:23219049-23219014	exon=> In CDS Exon 7 of transcript AGAP005892-PA
JHU_Ag_105341	SNAIACINQFIINR	AGAP005892-PA	C6(Carbamidomethyl)	107	2.82E-10	1	1633.850	1.19	Ovary	2L:-:23223198-23223157	exon=> In CDS Exon 2 of transcript AGAP005892-PA
JHU_Ag_111208	QSSFALLGDLTK	AGAP005892-PA	-	55	3.04E-05	2	1279.688	-0.7	Midgut	2L:-:23221604-23221569	exon=> In CDS Exon 3 of transcript AGAP005892-PA
JHU_Ag_61420	LEINIR	AGAP005893-PA	-	34	0.00482416	2	757.457	0.74	Head	2L:+:23225058-23225075	exon=> In CDS Exon 1 of transcript AGAP005893-PA
JHU_Ag_445	LPIPIFPGWPMDNR	AGAP005894-PA	M11(Oxidation)	60	1.49E-05	1	1668.862	2.84	Malpighian tubule	2L:-:23227995-23227954	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_9460	LPIPIFPGWPMDNR	AGAP005894-PA	M11(Oxidation)	41	0.001246684	1	1668.858	1.01	Salivary gland	2L:-:23227995-23227954	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_10095	AENHKPGLVEHTIGWPLDR	AGAP005894-PA	-	75	3.14E-07	1	2169.124	1.95	Pupa	2L:-:23227614-23227558	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_11224	ALNEGGFQSIPK	AGAP005894-PA	-	65	5.96E-06	1	1260.659	0.61	Head	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_11844	FGLNAENDPQTYGIGLK	AGAP005894-PA	-	83	8.55E-08	1	1836.916	1.75	Pupa	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_11866	FGLNAENDPQTYGIGLK	AGAP005894-PA	-	106	3.60E-10	1	1836.915	1.48	Visceras	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_12840	ALNEGGFQSIPK	AGAP005894-PA	-	57	3.26E-05	2	1260.660	1.28	Ovary	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_14557	LPIPIFPGWPMDNRGNYVVR	AGAP005894-PA	M11(Oxidation)	67	1.31E-06	1	2341.249	8.99	Malpighian tubule	2L:-:23227995-23227936	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_14744	AENHKPGLVEHTIGWPLDR	AGAP005894-PA	-	85	3.58E-08	1	2169.123	1.36	Visceras	2L:-:23227614-23227558	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_14962	NNLTIYDGPEAR	AGAP005894-PA	-	67	3.19E-06	1	1362.664	-0.56	Pupa	2L:-:23226755-23226720	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_16900	EAPLNTPVTHDK	AGAP005894-PA	-	34	0.006943162	1	1321.674	-0.91	Ovary	2L:-:23228058-23228023	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_17557	AENHKPGLVEHTIGWPLDR	AGAP005894-PA	-	60	1.20E-05	1	2169.120	-0.13	Malpighian tubule	2L:-:23227614-23227558	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_18622	FCPAGVYEYVANDEGGNMK	AGAP005894-PA	C2(Carbamidomethyl), M18(Oxidation)	57	9.49E-06	1	2136.900	-0.01	Ovary	2L:-:23226719-23226663	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_20589	EAPLNTPVTHDK	AGAP005894-PA	-	56	4.92E-05	1	1321.674	-0.54	Midgut	2L:-:23228058-23228023	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_21313	NNLTIYDGPEAR	AGAP005894-PA	-	47	0.000322459	2	1362.666	0.7	Salivary gland	2L:-:23226755-23226720	exon=> In CDS Exon 4 of transcript AGAP005894-PA

JHU_Ag_22895	NNLTIYDGPEAR	AGAP005894-PA	-	73	8.21E-07	1	1362.668	2.13	Malpighian tubule	2L:-:23226755-23226720	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_25736	ITTHYTIHPR	AGAP005894-PA	-	67	1.93E-06	1	1238.665	0.64	Head	2L:-:23228406-23228377	exon=> In CDS Exon 2 of transcript AGAP005894-PA
JHU_Ag_29105	GMELHAK	AGAP005894-PA	M2(Oxidation)	31	0.004983299	1	801.392	-0.55	Head	2L:-:23227761-23227741	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_31634	FCPAGVYEYVANDEGGNMK	AGAP005894-PA	C2(Carbamidomethyl)	47	9.74E-05	2	2120.909	1.85	Malpighian tubule	2L:-:23226719-23226663	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_33757	TTIFAEGCR	AGAP005894-PA	C8(Carbamidomethyl)	45	0.000336385	2	1054.499	0.74	Visceras	2L:-:23227740-23227714	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_36027	DCKPIEYPKPDGK	AGAP005894-PA	C2(Carbamidomethyl)	36	0.004327899	2	1546.755	-1.23	Head	2L:-:23226896-23226858	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_36475	ALNEGGFQSIPK	AGAP005894-PA	-	55	6.48E-05	2	1260.658	0.02	Male reproductive organs	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_37155	EAPLNTPVTHDKFSYLTESAK	AGAP005894-PA	-	69	1.65E-06	1	2348.190	5.44	Malpighian tubule	2L:-:23228058-23227996	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_37290	DKDPR	AGAP005894-PA	-	30	0.004551935	1	630.323	3.22	Head	2L:-:23228376-23228362	exon=> In CDS Exon 2 of transcript AGAP005894-PA
JHU_Ag_37396	ITTHYTIHPR	AGAP005894-PA	-	57	1.92E-05	1	1238.665	0.46	Pupa	2L:-:23228406-23228377	exon=> In CDS Exon 2 of transcript AGAP005894-PA
JHU_Ag_39010	LPIPIFPGWPMDNR	AGAP005894-PA	M11(Oxidation)	72	9.10E-07	1	1668.863	3.57	Visceras	2L:-:23227995-23227954	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_41514	LTFDLLSSVALTGTNHEGDQPAHLTLKDDTVPVK	AGAP005894-PA	-	129	6.51E-13	1	3632.894	3.75	Malpighian tubule	2L:-:23226857-23226756	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_41905	LTFPGGCLVGCGAGFMNVPR	AGAP005894-PA	C7(Carbamidomethyl), C11(Carbamidomethyl), M16(Oxidation)	56	4.70E-05	2	2125.994	-1.74	Head	2L:-:23227332-23227273	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_45252	FGLNAENDPQTYGIGLK	AGAP005894-PA	-	85	4.86E-08	1	1836.906	-3.5	Male reproductive organs	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_45961	TTIFAEGCR	AGAP005894-PA	C8(Carbamidomethyl)	42	0.000592548	2	1054.498	-0.65	Ovary	2L:-:23227740-23227714	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_49987	ALNEGGFQSIPK	AGAP005894-PA	-	60	1.80E-05	2	1260.658	-0.07	Visceras	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_51192	FVDEADLLIVGGGPAGLSAAIR	AGAP005894-PA	-	97	1.06E-09	2	2141.168	3.75	Visceras	2L:-:23228268-23228203	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_54206	EAPLNTPVTHDKFSYLTESAK	AGAP005894-PA	-	107	3.10E-10	1	2348.179	0.92	Ovary	2L:-:23228058-23227996	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_55030	FCPAGVYEYVANDEGGNMK	AGAP005894-PA	C2(Carbamidomethyl), M18(Oxidation)	83	2.70E-08	2	2136.905	2.16	Midgut	2L:-:23226719-23226663	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_55092	LQINAQNCIHCK	AGAP005894-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	83	6.54E-08	1	1498.721	-2.84	Head	2L:-:23226662-23226627	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_56371	NNLTIYDGPEAR	AGAP005894-PA	-	38	0.002176667	2	1362.661	-2.62	Visceras	2L:-:23226755-23226720	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_56579	LTFDLLSSVALTGTNHEGDQPAHLTLK	AGAP005894-PA	-	76	1.84E-07	1	2878.506	4.08	Visceras	2L:-:23226857-23226777	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_56939	FCPAGVYEYVANDEGGNMK	AGAP005894-PA	C2(Carbamidomethyl)	40	0.000590736	2	2120.908	1.39	Head	2L:-:23226719-23226663	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_58313	EAPLNTPVTHDKFSYLTESAK	AGAP005894-PA	-	101	1.17E-09	1	2348.174	-1.26	Midgut	2L:-:23228058-23227996	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_60854	DGAPKDTFAR	AGAP005894-PA	-	41	0.001568306	1	1077.535	2.82	Malpighian tubule	2L:-:23227791-23227762	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_62057	AENHKPGLVEHTIGWPLDR	AGAP005894-PA	-	48	0.000170728	1	2169.123	1.28	Ovary	2L:-:23227614-23227558	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_62344	FSYLTESAK	AGAP005894-PA	-	48	0.000185469	1	1045.522	1.5	Malpighian tubule	2L:-:23228022-23227996	exon=> In CDS Exon 3 of transcript AGAP005894-PA

JHU_Ag_62549	FGLNAENDPQTYGIGLK	AGAP005894-PA	-	79	1.97E-07	1	1836.914	0.62	Ovary	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_64996	GIATGDVGIGK	AGAP005894-PA	-	47	0.000402028	2	987.547	0.17	Visceras	2L:-:23227824-23227792	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_65473	GIATGDVGIGK	AGAP005894-PA	-	52	0.000139208	2	987.548	1.47	Malpighian tubule	2L:-:23227824-23227792	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_67211	TTIFAEGCR	AGAP005894-PA	C8(Carbamidomethyl)	44	0.000458342	2	1054.498	-0.53	Midgut	2L:-:23227740-23227714	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_68552	GIATGDVGIGK	AGAP005894-PA	-	75	6.71E-07	2	987.548	1.22	Midgut	2L:-:23227824-23227792	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_70143	TTIFAEGCR	AGAP005894-PA	C8(Carbamidomethyl)	49	0.00014418	2	1054.501	2.36	Malpighian tubule	2L:-:23227740-23227714	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_71231	FVDEADLLIVGGGPAGLSAAIR	AGAP005894-PA	-	162	3.73E-16	1	2141.166	2.5	Malpighian tubule	2L:-:23228268-23228203	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_74859	ITTHYTIHPR	AGAP005894-PA	-	54	4.00E-05	1	1238.664	-0.25	Midgut	2L:-:23228406-23228377	exon=> In CDS Exon 2 of transcript AGAP005894-PA
JHU_Ag_75196	AAEVGGHILSGACLDPVALNELIPDWK	AGAP005894-PA	C13(Carbamidomethyl)	41	0.000793088	1	2845.468	4.26	Visceras	2L:-:23228145-23228065	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_75624	NNLTIYDGPEAR	AGAP005894-PA	-	63	8.72E-06	1	1362.666	0.52	Ovary	2L:-:23226755-23226720	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_77207	FGLNAENDPQTYGIGLK	AGAP005894-PA	-	91	1.10E-08	2	1836.916	1.61	Salivary gland	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_80970	LTFPGGCLVGCGAGFMNVPR	AGAP005894-PA	C7(Carbamidomethyl), C11(Carbamidomethyl), M16(Oxidation),"C7(Carbamidomethyl), C11(Carbamidomethyl)"	137	3.07E-13	1	2110.005	0.93	Malpighian tubule	2L:-:23227332-23227273	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_81035	ALNEGGFQSIPK	AGAP005894-PA	-	73	9.25E-07	2	1260.658	-0.07	Salivary gland	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_82693	GIATGDVGIGK	AGAP005894-PA	-	58	2.95E-05	2	987.547	-0.08	Ovary	2L:-:23227824-23227792	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_85924	LTFDLLSSVALTGTNHEGDQPAHLTLK	AGAP005894-PA	-	75	2.64E-07	1	2878.502	2.68	Malpighian tubule	2L:-:23226857-23226777	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_87366	FGLNAENDPQTYGIGLKEVWEIK	AGAP005894-PA	-	99	1.66E-09	1	2621.332	2.78	Malpighian tubule	2L:-:23227683-23227615	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_88198	ITTHYTIHPR	AGAP005894-PA	-	62	6.51E-06	1	1238.665	1.05	Malpighian tubule	2L:-:23228406-23228377	exon=> In CDS Exon 2 of transcript AGAP005894-PA
JHU_Ag_89686	FVDEADLLIVGGGPAGLSAAIR	AGAP005894-PA	-	63	2.73E-06	2	2141.168	3.75	Head	2L:-:23228268-23228203	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_89897	FGLNAENDPQTYGIGLK	AGAP005894-PA	-	73	7.18E-07	2	1836.915	1.15	Head	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_91687	EAPLNTPVTHDK	AGAP005894-PA	-	76	4.74E-07	1	1321.675	0.38	Head	2L:-:23228058-23228023	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_92861	EAPLNTPVTHDK	AGAP005894-PA	-	48	0.000299611	1	1321.676	1.12	Pupa	2L:-:23228058-23228023	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_93650	FGLNAENDPQTYGIGLK	AGAP005894-PA	Q10(Deamidated),N4(Deamidated)	104	7.60E-10	1	1837.913	8.72	Midgut	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_94012	LTFPGGCLVGCGAGFMNVPR	AGAP005894-PA	C7(Carbamidomethyl), C11(Carbamidomethyl), M16(Oxidation)	68	2.51E-06	1	2125.992	-2.77	Midgut	2L:-:23227332-23227273	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_95117	FVDEADLLIVGGGPAGLSAAIR	AGAP005894-PA	-	106	1.61E-10	2	2141.157	-1.38	Midgut	2L:-:23228268-23228203	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_95747	LTFPGGCLVGCGAGFMNVPR	AGAP005894-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	70	1.65E-06	2	2110.014	5.33	Visceras	2L:-:23227332-23227273	exon=> In CDS Exon 3 of transcript AGAP005894-PA

JHU_Ag_99627	FVDEADLLIVGGGPAGLSAAIR	AGAP005894-PA	-	86	1.47E-08	1	2141.166	2.72	Pupa	2L:-:23228268-23228203	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_99669	AENHKPGLVEHTIGWPLDR	AGAP005894-PA	-	74	4.47E-07	1	2169.119	-0.49	Midgut	2L:-:23227614-23227558	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_100325	NNLTIYDGPEAR	AGAP005894-PA	-	60	1.41E-05	2	1362.660	-3.25	Head	2L:-:23226755-23226720	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_102692	SGMLAAESACEAIFSGATQEK	AGAP005894-PA	M3(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	157	2.40E-15	1	2157.981	0.72	Malpighian tubule	2L:-:23227245-23227183	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_103675	LPIPIFPGWPMDNR	AGAP005894-PA	M11(Oxidation)	65	4.12E-06	1	1668.860	1.67	Male reproductive organs	2L:-:23227995-23227954	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_105791	GIATGDVGIGK	AGAP005894-PA	-	66	4.54E-06	1	987.546	-1.13	Pupa	2L:-:23227824-23227792	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_105962	NNLTIYDGPEAR	AGAP005894-PA	N1(Deamidated), N2(Deamidated)	32	0.005539658	1	1364.614	-13.54	Midgut	2L:-:23226755-23226720	exon=> In CDS Exon 4 of transcript AGAP005894-PA
JHU_Ag_106334	ALNEGGFQSIPK	AGAP005894-PA	-	85	5.45E-08	2	1260.656	-2.11	Midgut	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_106349	FGLNAENDPQTYGIGLK	AGAP005894-PA	-	99	1.97E-09	1	1836.916	1.95	Malpighian tubule	2L:-:23227683-23227633	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_107350	LPIPIFPGWPMDNR	AGAP005894-PA	-	61	7.62E-06	1	1652.869	4.08	Ovary	2L:-:23227995-23227954	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_108415	LPIPIFPGWPMDNR	AGAP005894-PA	M11(Oxidation)	73	5.93E-07	2	1652.857	-2.72	Midgut	2L:-:23227995-23227954	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_111395	ALNEGGFQSIPK	AGAP005894-PA	-	95	5.95E-09	1	1260.658	0.12	Malpighian tubule	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_111527	ALNEGGFQSIPK	AGAP005894-PA	-	38	0.002743295	2	1260.662	2.93	Larva	2L:-:23227368-23227333	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_112258	WGEVDMER	AGAP005894-PA	-	58	9.15E-06	2	1021.442	1.22	Malpighian tubule	2L:-:23228361-23228474,23227151-23228269	exon=> In CDS Exon 3 and 2 of transcript AGAP005894-PA
JHU_Ag_117448	TTIFAEGCR	AGAP005894-PA	C8(Carbamidomethyl)	39	0.00128447	2	1054.496	-2.27	Pupa	2L:-:23227740-23227714	exon=> In CDS Exon 3 of transcript AGAP005894-PA
JHU_Ag_24365	ILQVIK	AGAP005901-PA,AGAP005901-PB,AGAP005901-PC	Q3(Deamidated)	28	0.002719249	1	714.475	-1.49	Ovary	2L:+:23480720-23480737;2L:+:23480720-23480737;2L:+:23480720-23480737	exon=> In CDS Exon 4 of transcript AGAP005901-PA;exon=> In CDS Exon 4 of transcript AGAP005901-PB;exon=> In CDS Exon 4 of transcript AGAP005901-PC
JHU_Ag_30452	HLANYVQNLQQTEQLK	AGAP005901-PA,AGAP005901-PB,AGAP005901-PC	-	132	7.52E-13	1	1927.001	-1.28	Head	2L:+:23479325-23479372;2L:+:23479325-23479372;2L:+:23479325-23479372	exon=> In CDS Exon 4 of transcript AGAP005901-PA;exon=> In CDS Exon 4 of transcript AGAP005901-PB;exon=> In CDS Exon 4 of transcript AGAP005901-PC
JHU_Ag_45311	SNLAHAHGQSK	AGAP005901-PA,AGAP005901-PB,AGAP005901-PC	-	71	1.37E-06	2	1149.576	-0.22	Head	2L:+:23480051-23480083;2L:+:23480051-23480083;2L:+:23480051-23480083	exon=> In CDS Exon 4 of transcript AGAP005901-PA;exon=> In CDS Exon 4 of transcript AGAP005901-PB;exon=> In CDS Exon 4 of transcript AGAP005901-PC
JHU_Ag_86427	HLANYVQNLQQTEQLK	AGAP005901-PA,AGAP005901-PB,AGAP005901-PC	-	99	1.48E-09	1	1927.005	0.74	Malpighian tubule	2L:+:23479325-23479372;2L:+:23479325-23479372;2L:+:23479325-23479372	exon=> In CDS Exon 4 of transcript AGAP005901-PA;exon=> In CDS Exon 4 of transcript AGAP005901-PB;exon=> In CDS Exon 4 of transcript AGAP005901-PC

JHU_Ag_115875	HFLLVLTPDALNR	AGAP005901-PA,AGAP005901-PB,AGAP005901-PC	-	64	1.36E-06	1	1508.865	4.53	Head	2L:+:23480951-23480989;2L:+:23480951-23480989;2L:+:23480951-23480989	exon=> In CDS Exon 4 of transcript AGAP005901-PA;exon=> In CDS Exon 4 of transcript AGAP005901-PB;exon=> In CDS Exon 4 of transcript AGAP005901-PC
JHU_Ag_6990	ISQPAYIPTQQDVLR	AGAP005904-PA	-	35	0.003312286	1	1728.927	-0.67	Pupa	2L:+:23589469-23589513	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_17775	KLWTDPGVQQCFAR	AGAP005904-PA	C11(Carbamidomethyl)	51	0.000160351	1	1705.848	0.16	Salivary gland	2L:+:23589370-23589411	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_20329	EYQLNDSAAYYLNSLDR	AGAP005904-PA	-	87	2.80E-08	2	2034.945	2.45	Head	2L:+:23589418-23589468	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_39722	ISQPAYIPTQQDVLR	AGAP005904-PA	-	37	0.001845559	1	1728.927	-0.82	Head	2L:+:23589469-23589513	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_43940	EYQLNDSAAYYLNSLDR	AGAP005904-PA	-	106	3.72E-10	1	2034.947	3.05	Midgut	2L:+:23589418-23589468	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_52532	EYQLNDSAAYYLNSLDR	AGAP005904-PA	-	84	5.41E-08	2	2034.938	-0.97	Male reproductive organs	2L:+:23589418-23589468	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_62456	ISQPAYIPTQQDVLR	AGAP005904-PA	-	54	3.20E-05	1	1728.937	5.4	Salivary gland	2L:+:23589469-23589513	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_89489	IDFADPSKTDIAR	AGAP005904-PA	-	40	0.001746504	1	1448.745	4.9	Malpighian tubule	2L:+:23589262-23589300	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_97426	ISQPAYIPTQQDVLR	AGAP005904-PA	-	36	0.002034691	1	1728.930	1.3	Male reproductive organs	2L:+:23589469-23589513	exon=> In CDS Exon 2 of transcript AGAP005904-PA
JHU_Ag_30263	QLQLLEEFER	AGAP005908-PA	-	49	0.000201526	2	1304.691	5.01	Male reproductive organs	2L:+:23604679-23604708	exon=> In CDS Exon 1 of transcript AGAP005908-PA
JHU_Ag_30718	TASFNDIK	AGAP005908-PA	N5(Deamidated)	34	0.004151535	1	896.439	3.69	Larva	2L:+:23603722-23603745	exon=> In CDS Exon 1 of transcript AGAP005908-PA
JHU_Ag_42415	TESVVDLNPSLYR	AGAP005908-PA	-	50	0.000177081	1	1492.764	0.05	Male reproductive organs	2L:+:23603905-23603943	exon=> In CDS Exon 1 of transcript AGAP005908-PA
JHU_Ag_63790	TASFNDIK	AGAP005908-PA	N5(Deamidated)	39	0.001407992	1	896.438	1.64	Pupa	2L:+:23603722-23603745	exon=> In CDS Exon 1 of transcript AGAP005908-PA
JHU_Ag_96846	TASFNDIK	AGAP005908-PA	N5(Deamidated)	34	0.003869013	1	896.438	1.71	Head	2L:+:23603722-23603745	exon=> In CDS Exon 1 of transcript AGAP005908-PA
JHU_Ag_102170	TASFNDIK	AGAP005908-PA	N5(Deamidated)	35	0.003682276	1	896.435	-0.6	Midgut	2L:+:23603722-23603745	exon=> In CDS Exon 1 of transcript AGAP005908-PA
JHU_Ag_727	VSPETNDEQGAGEAWYGK	AGAP005910-PA	-	47	0.000175734	1	1937.851	-0.07	Ovary	2L:+:23609030-23609083	exon=> In CDS Exon 3 of transcript AGAP005910-PA
JHU_Ag_3238	TESVPIGVPTVVPSGGSSYAATVR	AGAP005910-PA	-	44	0.000414736	1	2331.222	1.41	Head	2L:+:23609426-23609429,23609500-23609567	exon=> In CDS Exon 4 and 5 of transcript AGAP005910-PA
JHU_Ag_3560	AFAAALLPVPGLR	AGAP005910-PA	-	35	0.000389397	1	1295.791	5.84	Salivary gland	2L:+:23609153-23609191	exon=> In CDS Exon 3 of transcript AGAP005910-PA
JHU_Ag_10899	AFAAALLPVPGLR	AGAP005910-PA	-	54	5.27E-06	2	1295.783	-0.48	Ovary	2L:+:23609153-23609191	exon=> In CDS Exon 3 of transcript AGAP005910-PA
JHU_Ag_36355	GTAGSSAGSGGGGVAGSAEDDQHDQQK	AGAP005910-PA	-	47	0.000150348	1	2431.048	5.37	Head	2L:+:23609568-23609648	exon=> In CDS Exon 5 of transcript AGAP005910-PA
JHU_Ag_68499	VSPETNDEQGAGEAWYGK	AGAP005910-PA	-	38	0.001368225	2	1937.848	-1.58	Male reproductive organs	2L:+:23609030-23609083	exon=> In CDS Exon 3 of transcript AGAP005910-PA
JHU_Ag_73367	AFAAALLPVPGLR	AGAP005910-PA	-	41	9.98E-05	2	1295.782	-1.04	Midgut	2L:+:23609153-23609191	exon=> In CDS Exon 3 of transcript AGAP005910-PA
JHU_Ag_76166	AFAAALLPVPGLR	AGAP005910-PA	-	49	1.79E-05	2	1295.787	2.92	Male reproductive organs	2L:+:23609153-23609191	exon=> In CDS Exon 3 of transcript AGAP005910-PA
JHU_Ag_85063	VSPETNDEQGAGEAWYGK	AGAP005910-PA	-	63	5.67E-06	2	1937.866	7.55	Salivary gland	2L:+:23609030-23609083	exon=> In CDS Exon 3 of transcript AGAP005910-PA
JHU_Ag_87536	AFTNYLPLPTQVTDVFSQGR	AGAP005910-PA	-	49	0.000153311	2	2254.157	2.97	Head	2L:+:23609093-23609152	exon=> In CDS Exon 3 of transcript AGAP005910-PA

JHU_Ag_113619	GTAGSSAGSGGGGVAGSAEDDQHDQQKQ	AGAP005910-PA	-	33	0.003147 12	1	2559.101	2.63	Ovary	2L:+:23609568-23609651	exon=> In CDS Exon 5 of transcript AGAP005910-PA
JHU_Ag_29402	LLLAGYDDFNCNVWDTLK	AGAP005911-PA	C11(Carbamidomethyl)	89	2.10E-08	1	2157.032	-0.19	Head	2L:-:23617129-23617076	exon=> In CDS Exon 1 of transcript AGAP005911-PA
JHU_Ag_114339	LLLAGYDDFNCNVWDTLK	AGAP005911-PA	C11(Carbamidomethyl)	105	4.75E-10	1	2157.034	1.05	Visceras	2L:-:23617129-23617076	exon=> In CDS Exon 1 of transcript AGAP005911-PA
JHU_Ag_3462	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	44	0.000746 917	2	1832.917	6.25	Larva	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_12745	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	40	0.001649 974	1	1832.904	-1.28	Salivary gland	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_13709	AACDTSLVQATNNLEPIGR	AGAP005911-PA,AGAP005912-PA	C3(Carbamidomethyl)	76	4.51E-07	2	2030.000	1.33	Visceras	2L:-:23617909-23617853;2L:-:23632468-23632412	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_15541	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	72	1.23E-06	1	1832.908	1.32	Midgut	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_20625	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	40	0.001869 621	2	1832.912	3.25	Visceras	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_21117	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	M1(Oxidation)	60	1.72E-05	1	1790.899	1.86	Head	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_24992	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	60	1.97E-05	2	1832.916	5.25	Malpighian tubule	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_35981	ELPGHTGYLSCCR	AGAP005911-PA,AGAP005912-PA	C11(Carbamidomethyl), C12(Carbamidomethyl)	49	0.000115 561	2	1549.690	1.17	Visceras	2L:-:23617567-23617529;2L:-:23632126-23632088	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_42479	MNELEALR	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	46	0.000372 265	2	1033.498	0.01	Ovary	2L:-:23617978-23617955;2L:-:23632537-23632514	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_60499	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl)	85	4.66E-08	2	1816.921	5.39	Malpighian tubule	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_62507	AACDTSLVQATNNLEPIGR	AGAP005911-PA,AGAP005912-PA	C3(Carbamidomethyl)	78	2.93E-07	2	2030.003	2.83	Malpighian tubule	2L:-:23617909-23617853;2L:-:23632468-23632412	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_62690	VFVSGACDASAK	AGAP005911-PA,AGAP005912-PA	C7(Carbamidomethyl)	79	1.45E-07	1	1211.571	-1.32	Head	2L:-:23617387-23617352;2L:-:23631946-23631911	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA

JHU_Ag_65191	AACDTSLVQATNNLEPIGR	AGAP005911-PA,AGAP005912-PA	C3(Carbamidomethyl)	108	3.20E-10	1	2030.001	1.75	Head	2L:-:23617909-23617853;2L:-:23632468-23632412	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_66272	ELPGHTGYLSCCR	AGAP005911-PA,AGAP005912-PA	C11(Carbamidomethyl), C12(Carbamidomethyl)	95	2.68E-09	1	1549.688	-0.48	Head	2L:-:23617567-23617529;2L:-:23632126-23632088	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_75272	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	63	8.12E-06	1	1832.907	0.66	Head	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_76639	QTFPGHESDINAVTFFPNGHAFATGSDDATCR	AGAP005911-PA,AGAP005912-PA	N18(Deamidated), C31(Carbamidomethyl),C31(Carbamidomethyl),"N11(Deamidated), C31(Carbamidomethyl)"	92	4.62E-09	1	3467.536	0.38	Head	2L:-:23617321-23617226;2L:-:23631880-23631785	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_80323	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl), M1(Oxidation)	84	7.21E-08	1	1832.909	1.52	Male reproductive organs	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_83104	VFVSGACDASAK	AGAP005911-PA,AGAP005912-PA	C7(Carbamidomethyl)	57	2.85E-05	2	1211.573	0.19	Visceras	2L:-:23617387-23617352;2L:-:23631946-23631911	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_90745	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl)	107	3.01E-10	1	1816.917	3.17	Visceras	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_109113	AACDTSLVQATNNLEPIGR	AGAP005911-PA,AGAP005912-PA	C3(Carbamidomethyl)	42	0.001097166	2	2030.004	3.37	Ovary	2L:-:23617909-23617853;2L:-:23632468-23632412	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_112015	MNELEALRQEAETLK	AGAP005911-PA,AGAP005912-PA	N-Term(Acetyl)	76	3.46E-07	1	1816.920	4.92	Head	2L:-:23617978-23617934;2L:-:23632537-23632493	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA
JHU_Ag_2482	AGILAGHDNR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	58	2.00E-05	1	1023.534	1.01	Male reproductive organs	2L:-:23617066-23617037;2L:-:23631625-23631596;2L:-:23638293-23638264	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_19420	AGILAGHDNR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	62	7.37E-06	1	1023.533	0.41	Visceras	2L:-:23617066-23617037;2L:-:23631625-23631596;2L:-:23638293-23638264	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_31986	LIVWDSHTTNK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	76	3.00E-07	1	1313.685	0.36	Pupa	2L:-:23617744-23617712;2L:-:23632303-23632271;2L:-:23638971-23638939	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA

JHU_Ag_33561	VHAIPLR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	27	0.002487126	2	805.506	2.27	Malpighian tubule	2L:-:23617711-23617691;2L:-:23632270-23632250;2L:-:23638938-23638918	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_33586	AGILAGHDNR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	72	7.98E-07	1	1023.527	-6.15	Head	2L:-:23617066-23617037;2L:-:23631625-23631596;2L:-:23638293-23638264	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_36856	ADQELAMYSHDNIICGITSVAFSK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	M7(Oxidation), C15(Carbamidomethyl)	91	1.22E-08	1	2686.257	3.1	Head	2L:-:23617210-23617139;2L:-:23631769-23631698;2L:-:23638437-23638366	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_38081	LWDIREGQCK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	C9(Carbamidomethyl)	44	0.000864333	1	1304.645	2.62	Malpighian tubule	2L:-:23617351-23617322;2L:-:23631910-23631881;2L:-:23638578-23638549	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_38785	GHLAK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	33	0.001932984	1	525.315	1.41	Head	2L:-:23617822-23617808;2L:-:23632381-23632367;2L:-:23639049-23639035	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_48650	LIVWDSHTTNK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	53	5.29E-05	1	1313.685	-0.19	Male reproductive organs	2L:-:23617744-23617712;2L:-:23632303-23632271;2L:-:23638971-23638939	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_50430	ADQELAMYSHDNIICGITSVAFSK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	M7(Oxidation), C15(Carbamidomethyl)	58	2.47E-05	3	2686.264	5.56	Salivary gland	2L:-:23617210-23617139;2L:-:23631769-23631698;2L:-:23638437-23638366	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_51779	AGILAGHDNR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	53	6.80E-05	1	1023.532	-0.66	Midgut	2L:-:23617066-23617037;2L:-:23631625-23631596;2L:-:23638293-23638264	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_65396	VHAIPLR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	26	0.009754426	1	805.504	-0.08	Midgut	2L:-:23617711-23617691;2L:-:23632270-23632250;2L:-:23638938-23638918	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA

JHU_Ag_68944	ADQELAMYSHDNIICGITSVAFSK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	M7(Oxidation), C15(Carbamidomethyl)	100	1.45E-09	1	2686.246	-1.06	Ovary	2L:-:23617210-23617139;2L:-:23631769-23631698;2L:-:23638437-23638366	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_74538	LIVWDSHTTNK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	68	1.92E-06	1	1313.689	2.78	Salivary gland	2L:-:23617744-23617712;2L:-:23632303-23632271;2L:-:23638971-23638939	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_78175	VHAIPLR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	54	1.43E-05	1	805.501	-3.93	Head	2L:-:23617711-23617691;2L:-:23632270-23632250;2L:-:23638938-23638918	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_83956	ADQELAMYSHDNIICGITSVAFSK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	M7(Oxidation), C15(Carbamidomethyl)	67	2.51E-06	1	2686.251	0.79	Male reproductive organs	2L:-:23617210-23617139;2L:-:23631769-23631698;2L:-:23638437-23638366	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_88179	LIVWDSHTTNK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	63	5.65E-06	1	1313.687	1.57	Visceras	2L:-:23617744-23617712;2L:-:23632303-23632271;2L:-:23638971-23638939	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_88685	LIVWDSHTTNK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	74	4.19E-07	1	1313.686	0.83	Malpighian tubule	2L:-:23617744-23617712;2L:-:23632303-23632271;2L:-:23638971-23638939	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_100433	AGILAGHDNR	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	43	0.000642112	2	1023.533	0.18	Salivary gland	2L:-:23617066-23617037;2L:-:23631625-23631596;2L:-:23638293-23638264	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_117609	LIVWDSHTTNK	AGAP005911-PA,AGAP005912-PA,AGAP005913-PA	-	67	2.24E-06	1	1313.688	2.5	Head	2L:-:23617744-23617712;2L:-:23632303-23632271;2L:-:23638971-23638939	exon=> In CDS Exon 1 of transcript AGAP005911-PA;exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_8554	LLLAGYDDFNCNVWDTMK	AGAP005912-PA,AGAP005913-PA	C11(Carbamidomethyl)	118	2.06E-11	1	2174.993	2.1	Head	2L:-:23631688-23631635;2L:-:23638356-23638303	exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_42885	LLLAGYDDFNCNVWDTMKAER	AGAP005912-PA,AGAP005913-PA	C11(Carbamidomethyl), M17(Oxidation)	56	3.24E-05	1	2547.178	5.18	Malpighian tubule	2L:-:23631688-23631626;2L:-:23638356-23638294	exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA

JHU_Ag_45162	LLLAGYDDFNCNVWDTMK	AGAP005912-PA,AGAP005913-PA	C11(Carbamidomethyl)	57	2.82E-05	1	2174.996	3.45	Malpighian tubule	2L:-:23631688-23631635;2L:-:23638356-23638303	exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_94597	LLLAGYDDFNCNVWDTMK	AGAP005912-PA,AGAP005913-PA	C11(Carbamidomethyl), M17(Oxidation)	102	5.53E-10	1	2190.982	-0.49	Midgut	2L:-:23631688-23631635;2L:-:23638356-23638303	exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_116049	LLLAGYDDFNCNVWDTMK	AGAP005912-PA,AGAP005913-PA	C11(Carbamidomethyl), M17(Oxidation)	57	2.09E-05	1	2190.984	0.06	Male reproductive organs	2L:-:23631688-23631635;2L:-:23638356-23638303	exon=> In CDS Exon 1 of transcript AGAP005912-PA;exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_9063	AVCDTSILQATAQLEAVGR	AGAP005913-PA	C3(Carbamidomethyl)	82	9.69E-08	2	2003.023	0.2	Male reproductive organs	2L:-:23639136-23639080	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_18401	AVCDTSILQATAQLEAVGR	AGAP005913-PA	C3(Carbamidomethyl)	79	1.78E-07	1	2003.025	1.05	Midgut	2L:-:23639136-23639080	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_21047	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl)	76	3.46E-07	1	1816.920	4.92	Head	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_21151	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	84	7.21E-08	1	1832.909	1.52	Male reproductive organs	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_25321	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl)	107	3.01E-10	1	1816.917	3.17	Visceras	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_39353	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	103	9.58E-10	1	1832.902	-2.34	Midgut	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_39943	IYAMHWGNDSR	AGAP005913-PA	-	39	0.001241666	2	1349.603	-1.59	Midgut	2L:-:23639034-23639002	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_40063	MNEIEALR	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	46	0.000372265	2	1033.498	0.01	Ovary	2L:-:23639205-23639182	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_40277	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	40	0.001869621	2	1832.912	3.25	Visceras	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_41503	KAVCDTSILQATAQLEAVGR	AGAP005913-PA	C4(Carbamidomethyl)	107	1.92E-10	1	2131.126	4.11	Male reproductive organs	2L:-:23639139-23639080	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_42756	AVCDTSILQATAQLEAVGR	AGAP005913-PA	C3(Carbamidomethyl)	84	5.37E-08	2	2003.030	3.74	Salivary gland	2L:-:23639136-23639080	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_43906	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl)	85	4.66E-08	2	1816.921	5.39	Malpighian tubule	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_46197	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	60	1.97E-05	2	1832.916	5.25	Malpighian tubule	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_47291	ELGGHTGYLSCCR	AGAP005913-PA	C11(Carbamidomethyl), C12(Carbamidomethyl)	81	5.46E-08	2	1509.657	-0.22	Visceras	2L:-:23638794-23638756	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_49641	AVCDTSILQATAQLEAVGR	AGAP005913-PA	C3(Carbamidomethyl)	84	6.73E-08	2	2003.012	-5.28	Head	2L:-:23639136-23639080	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_54136	TFVSGACDAK	AGAP005913-PA	C7(Carbamidomethyl)	54	3.31E-05	2	1055.482	-0.2	Midgut	2L:-:23638614-23638585	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_57770	ELGGHTGYLSCCR	AGAP005913-PA	C11(Carbamidomethyl), C12(Carbamidomethyl)	95	2.00E-09	1	1509.657	-0.54	Malpighian tubule	2L:-:23638794-23638756	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_61956	AVCDTSILQATAQLEAVGR	AGAP005913-PA	C3(Carbamidomethyl)	57	2.85E-05	1	2003.030	3.85	Malpighian tubule	2L:-:23639136-23639080	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_62545	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	44	0.000746917	2	1832.917	6.25	Larva	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_88081	MNEIEALRQEAETLK	AGAP005913-PA	M1(Oxidation)	60	1.72E-05	1	1790.899	1.86	Head	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_88227	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl)	117	3.36E-11	1	1816.906	-2.88	Midgut	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA

JHU_Ag_92656	ELGGHTGYLSCCR	AGAP005913-PA	C11(Carbamidomethyl), C12(Carbamidomethyl)	80	7.21E-08	2	1509.661	2.37	Salivary gland	2L:-:23638794-23638756	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_97153	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	63	8.12E-06	1	1832.907	0.66	Head	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_99869	KAVCDTSILQATAQLEAVGR	AGAP005913-PA	C4(Carbamidomethyl)	93	4.91E-09	1	2131.125	3.59	Malpighian tubule	2L:-:23639139-23639080	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_104966	YLVSASQDGK	AGAP005913-PA	-	37	0.002661367	2	1067.536	-0.92	Midgut	2L:-:23639001-23638972	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_105784	MNEIEALRQEAETLK	AGAP005913-PA	N-Term(Acetyl), M1(Oxidation)	40	0.001649974	1	1832.904	-1.28	Salivary gland	2L:-:23639205-23639161	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_106769	ELGGHTGYLSCCR	AGAP005913-PA	C11(Carbamidomethyl), C12(Carbamidomethyl)	95	2.14E-09	1	1509.657	-0.3	Midgut	2L:-:23638794-23638756	exon=> In CDS Exon 1 of transcript AGAP005913-PA
JHU_Ag_12366	SAFQQVETLLK	AGAP005914-PA	-	50	7.92E-05	2	1263.697	1.74	Midgut	2L:+:23643522-23643554	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_14046	SAFQQVETLLK	AGAP005914-PA	-	36	0.002243707	2	1263.696	1.26	Pupa	2L:+:23643522-23643554	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_18109	SAFQQVETLLK	AGAP005914-PA	-	67	1.78E-06	2	1263.699	3.38	Head	2L:+:23643522-23643554	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_23832	SAFQQVETLLK	AGAP005914-PA	-	95	2.80E-09	1	1263.695	0.39	Ovary	2L:+:23643522-23643554	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_28214	IDFVEYYDTVTR	AGAP005914-PA	-	85	5.72E-08	2	1520.731	2.61	Head	2L:+:23643444-23643479	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_38644	IDFVEYYDTVTR	AGAP005914-PA	-	44	0.000678467	2	1520.729	1.65	Salivary gland	2L:+:23643444-23643479	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_42982	HGALCFQLEHR	AGAP005914-PA	C5(Carbamidomethyl)	38	0.002221653	1	1367.663	-0.82	Head	2L:+:23643159-23643191	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_45634	IDFVEYYDTVTR	AGAP005914-PA	-	60	1.63E-05	2	1520.728	0.52	Ovary	2L:+:23643444-23643479	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_53251	FPVEFFVR	AGAP005914-PA	-	40	0.000706014	1	1040.558	1.77	Head	2L:+:23644055-23644078	exon=> In CDS Exon 2 of transcript AGAP005914-PA
JHU_Ag_81680	FGAESLAR	AGAP005914-PA	-	52	9.50E-05	2	850.441	-0.61	Head	2L:+:23644106-23644129	exon=> In CDS Exon 2 of transcript AGAP005914-PA
JHU_Ag_81725	FGAESLAR	AGAP005914-PA	-	43	0.000712347	2	850.441	-0.47	Malpighian tubule	2L:+:23644106-23644129	exon=> In CDS Exon 2 of transcript AGAP005914-PA
JHU_Ag_82486	IDFVEYYDTVTR	AGAP005914-PA	-	69	2.46E-06	2	1520.730	1.97	Pupa	2L:+:23643444-23643479	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_93089	FPVEFFVR	AGAP005914-PA	-	43	0.000361961	2	1040.556	-0.34	Salivary gland	2L:+:23644055-23644078	exon=> In CDS Exon 2 of transcript AGAP005914-PA
JHU_Ag_99819	IDFVEYYDTVTR	AGAP005914-PA	-	65	5.50E-06	2	1520.732	3.73	Malpighian tubule	2L:+:23643444-23643479	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_114072	SAFQQVETLLK	AGAP005914-PA	-	52	5.31E-05	2	1263.697	2.22	Malpighian tubule	2L:+:23643522-23643554	exon=> In CDS Exon 1 of transcript AGAP005914-PA
JHU_Ag_19446	IDPYVQSLIGVLK	AGAP005915-PA	-	38	0.000589254	2	1444.840	-0.63	Male reproductive organs	2L:-:23645699-23645661	exon=> In CDS Exon 4 of transcript AGAP005915-PA
JHU_Ag_27275	IVVPNFASSSIVFSR	AGAP005915-PA	-	77	1.21E-07	2	1622.895	2.96	Male reproductive organs	2L:-:23645927-23645883	exon=> In CDS Exon 4 of transcript AGAP005915-PA
JHU_Ag_86721	LIIGAGDGTIDMVQER	AGAP005915-PA	M12(Oxidation)	108	2.71E-10	2	1703.862	-1.02	Male reproductive organs	2L:-:23646408-23646361	exon=> In CDS Exon 2 of transcript AGAP005915-PA
JHU_Ag_92157	FTTFVSGGDQNLR	AGAP005915-PA	-	51	0.000112225	2	1441.705	-1.44	Male reproductive organs	2L:-:23646753-23646715	exon=> In CDS Exon 2 of transcript AGAP005915-PA
JHU_Ag_96325	SIISAWNDGVIR	AGAP005915-PA	-	49	0.000180058	2	1330.710	-0.89	Male reproductive organs	2L:-:23645873-23645838	exon=> In CDS Exon 4 of transcript AGAP005915-PA
JHU_Ag_100820	DLLLLPDGK	AGAP005915-PA	-	40	0.000545762	2	983.577	0.21	Male reproductive organs	2L:-:23646435-23646409	exon=> In CDS Exon 2 of transcript AGAP005915-PA

JHU_Ag_7299	ITKDINELNLPK	AGAP005916-PA	-	49	6.30E-05	2	1397.800	-0.14	Malpighian tubule	2L:-:23650233-23650332,23650012-23650120	exon=> In CDS Exon 2 and 1 of transcript AGAP005916-PA
JHU_Ag_14803	GNYIGATYFQR	AGAP005916-PA	-	61	1.13E-05	2	1289.629	1.53	Malpighian tubule	2L:-:23649448-23649416	exon=> In CDS Exon 4 of transcript AGAP005916-PA
JHU_Ag_37799	GNYIGATYFQR	AGAP005916-PA	-	46	0.000387041	2	1289.630	1.91	Head	2L:-:23649448-23649416	exon=> In CDS Exon 4 of transcript AGAP005916-PA
JHU_Ag_66221	GNYIGATYFQR	AGAP005916-PA	-	40	0.001377616	2	1289.630	2.39	Male reproductive organs	2L:-:23649448-23649416	exon=> In CDS Exon 4 of transcript AGAP005916-PA
JHU_Ag_103777	TCATEFPDPDDLLNFK	AGAP005916-PA	C2(Carbamidomethyl)	66	3.16E-06	2	1882.855	1.09	Head	2L:-:23650119-23650072	exon=> In CDS Exon 2 of transcript AGAP005916-PA
JHU_Ag_55375	IPEQDAVGVTVVLLTCSYR	AGAP005920-PA	C16(Carbamidomethyl)	53	5.88E-05	1	2120.106	-0.01	Ovary	2L:+:23683569-23683625	exon=> In CDS Exon 1 of transcript AGAP005920-PA
JHU_Ag_59273	VGYFINNEYADPELR	AGAP005920-PA	-	67	2.86E-06	1	1799.862	1.4	Ovary	2L:+:23683644-23683688	exon=> In CDS Exon 1 of transcript AGAP005920-PA
JHU_Ag_81016	HIFVFQADPPNVSR	AGAP005920-PA	-	53	5.46E-05	1	1626.839	0.12	Ovary	2L:+:23683527-23683568	exon=> In CDS Exon 1 of transcript AGAP005920-PA
JHU_Ag_39208	AVLLLDEIGR	AGAP005921-PA	-	56	1.37E-05	2	1098.652	-0.02	Male reproductive organs	2L:+:23685259-23685288	exon=> In CDS Exon 1 of transcript AGAP005921-PA
JHU_Ag_21791	VLPPQVK	AGAP005926-PA	-	20	0.000920045	1	780.497	-0.68	Salivary gland	2L:-:23801823-23801803	exon=> In CDS Exon 4 of transcript AGAP005926-PA
JHU_Ag_63240	NYEFKVDVLNK	AGAP005928-PA,AGAP005928-PB	N10(Deamidated)	33	0.005363231	1	1369.720	14.63	Larva	2L:-:23807703-23807671;2L:-:23807703-23807671	exon=> In CDS Exon 4 of transcript AGAP005928-PA;exon=> In CDS Exon 6 of transcript AGAP005928-PB
JHU_Ag_80511	AQLLEIAALSK	AGAP005928-PA,AGAP005928-PB	-	64	1.66E-06	2	1156.696	2	Salivary gland	2L:-:23807661-23807629;2L:-:23807661-23807629	exon=> In CDS Exon 4 of transcript AGAP005928-PA;exon=> In CDS Exon 6 of transcript AGAP005928-PB
JHU_Ag_93261	NYEFKVDVLNK	AGAP005928-PA,AGAP005928-PB	N10(Deamidated)	33	0.004970839	1	1369.717	12.85	Pupa	2L:-:23807703-23807671;2L:-:23807703-23807671	exon=> In CDS Exon 4 of transcript AGAP005928-PA;exon=> In CDS Exon 6 of transcript AGAP005928-PB
JHU_Ag_974	AIATLQAVIAK	AGAP005929-PA	-	68	3.14E-07	2	1098.692	3.2	Midgut	2L:-:23813868-23813836	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_5892	AIATLQAVIAK	AGAP005929-PA	-	68	3.74E-07	2	1098.688	0.09	Visceras	2L:-:23813868-23813836	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_8612	FTGTGDLFASLFLAHSALTNYDVGATLER	AGAP005929-PA	-	144	4.32E-14	1	3087.543	0.12	Midgut	2L:-:23813955-23813869	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_10024	TETDIWDAVQWFHEK	AGAP005929-PA	-	108	2.15E-10	1	1904.882	0.05	Male reproductive organs	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_14511	EIASILR	AGAP005929-PA	-	36	0.003302063	1	801.482	-0.7	Midgut	2L:-:23814586-23814566	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_15508	TLSFIPEPVLQGKVPVTSQQR	AGAP005929-PA	-	67	4.85E-07	1	2324.304	2.65	Malpighian tubule	2L:-:23813835-23813773	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_17562	TETDIWDAVQWFHEKGVR	AGAP005929-PA	-	80	1.82E-07	1	2217.079	2.74	Malpighian tubule	2L:-:23814141-23814088	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_17653	ELLPIYRDEIVPLADIITPNQYEVELLTGK	AGAP005929-PA	-	35	0.000851464	1	3454.875	0.72	Midgut	2L:-:23814240-23814151	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_18726	TLSFIPEPVLQGK	AGAP005929-PA	-	53	3.94E-05	2	1428.813	2.21	Pupa	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_19467	VPVTSQQR	AGAP005929-PA	-	40	0.001021124	2	914.505	-0.63	Midgut	2L:-:23813796-23813773	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_20454	DEIVPLADIITPNQYEVELLTGK	AGAP005929-PA	-	107	1.50E-10	1	2570.363	1.25	Ovary	2L:-:23814219-23814151	exon=> In CDS Exon 3 of transcript AGAP005929-PA

JHU_Ag_21909	TVAISSSELGSK	AGAP005929-PA	-	68	2.07E-06	2	1178.628	1.16	Malpighian tubule	2L:-:23814087-23814052	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_22029	TLSFIPEPVLQGK	AGAP005929-PA	-	79	8.79E-08	2	1428.809	-0.44	Midgut	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_25592	DTLLAYVSNR	AGAP005929-PA	-	60	1.49E-05	2	1151.605	-0.56	Malpighian tubule	2L:-:23814051-23814022	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_25846	VPVTSQQR	AGAP005929-PA	-	55	4.02E-05	1	914.507	1.38	Malpighian tubule	2L:-:23813796-23813773	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_26764	AIATLQAVIAK	AGAP005929-PA	-	66	4.97E-07	2	1098.689	0.76	Pupa	2L:-:23813868-23813836	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_27647	TLSFIPEPVLQGK	AGAP005929-PA	-	85	2.47E-08	1	1428.814	3.23	Malpighian tubule	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_28168	TVAISSSELGSK	AGAP005929-PA	-	64	5.56E-06	2	1178.624	-2.05	Ovary	2L:-:23814087-23814052	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_29224	TVAISSSELGSKDTLLAYVSNR	AGAP005929-PA	-	171	6.80E-17	1	2311.220	2.68	Malpighian tubule	2L:-:23814087-23814022	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_31772	TETDIWDAVQWFHEK	AGAP005929-PA	-	38	0.002141248	3	1904.888	3.59	Larva	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_32084	GQVLNEKELADVYAGLVDNDLHK	AGAP005929-PA	-	90	1.12E-08	3	2540.301	0.8	Midgut	2L:-:23814706-23814638	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_32472	SAVFPLQVLGFEVDQINSVQFSNHTGYK	AGAP005929-PA	-	137	2.02E-13	1	3124.566	-2.69	Ovary	2L:-:23814891-23814963,23814532-23814719	exon=> In CDS Exon 2 and 1 of transcript AGAP005929-PA
JHU_Ag_34273	TETDIWDAVQWFHEK	AGAP005929-PA	-	64	4.51E-06	1	1904.881	-0.25	Ovary	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_35584	VLSIQSHVVHGHVGNK	AGAP005929-PA	-	114	2.47E-11	1	1710.940	0	Malpighian tubule	2L:-:23814939-23814892	exon=> In CDS Exon 1 of transcript AGAP005929-PA
JHU_Ag_38549	ELADVYAGLVDNDLHK	AGAP005929-PA	-	115	4.68E-11	1	1771.890	2.33	Midgut	2L:-:23814685-23814638	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_39367	TETDIWDAVQWFHEK	AGAP005929-PA	-	105	4.39E-10	1	1904.886	2.35	Visceras	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_40761	TETDIWDAVQWFHEK	AGAP005929-PA	-	135	3.94E-13	1	1904.887	2.74	Malpighian tubule	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_44038	EIASILR	AGAP005929-PA	-	30	0.009231478	1	801.484	0.98	Head	2L:-:23814586-23814566	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_47009	SAVFPLQVLGFEVDQINSVQFSNHTGYK	AGAP005929-PA	-	107	2.02E-10	1	3124.572	-0.47	Midgut	2L:-:23814891-23814963,23814532-23814719	exon=> In CDS Exon 2 and 1 of transcript AGAP005929-PA
JHU_Ag_47560	DTLLAYVSNR	AGAP005929-PA	-	40	0.001259551	2	1151.607	1.14	Head	2L:-:23814051-23814022	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_49057	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	106	1.88E-10	1	1935.051	1.2	Visceras	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_49079	VLSIQSHVVHGHVGNK	AGAP005929-PA	-	42	0.000419318	1	1710.941	0.42	Pupa	2L:-:23814939-23814892	exon=> In CDS Exon 1 of transcript AGAP005929-PA
JHU_Ag_49183	DTLLAYVSNR	AGAP005929-PA	-	76	2.93E-07	2	1151.606	-0.03	Midgut	2L:-:23814051-23814022	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_51003	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	126	1.90E-12	1	1935.057	4.29	Malpighian tubule	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_51960	ELADVYAGLVDNDLHK	AGAP005929-PA	-	105	4.68E-10	1	1771.892	3.15	Pupa	2L:-:23814685-23814638	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_52864	AIATLQAVIAK	AGAP005929-PA	-	96	5.01E-10	1	1098.688	-0.24	Ovary	2L:-:23813868-23813836	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_56261	DEIVPLADIITPNQYEVELLTGK	AGAP005929-PA	-	65	2.17E-06	1	2570.358	-0.95	Midgut	2L:-:23814219-23814151	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_57351	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	56	1.93E-05	1	1935.058	4.69	Salivary gland	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA

JHU_Ag_59038	QIKTETDIWDAVQWFHEK	AGAP005929-PA	-	77	3.57E-07	1	2274.131	5.37	Malpighian tubule	2L:-:23814150-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_60558	AIATLQAVIAK	AGAP005929-PA	-	56	5.74E-06	2	1098.687	-1.47	Head	2L:-:23813868-23813836	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_68011	LIQSKADIEQPK	AGAP005929-PA	-	70	7.64E-07	1	1369.772	2.57	Malpighian tubule	2L:-:23813763-23813728	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_68082	VLSIQSHVVHGHVGNK	AGAP005929-PA	-	49	8.47E-05	1	1710.940	0.2	Ovary	2L:-:23814939-23814892	exon=> In CDS Exon 1 of transcript AGAP005929-PA
JHU_Ag_68987	ELLPIYRDEIVPLADIITPNQYEVELLTGK	AGAP005929-PA	-	40	0.000236147	3	3454.878	1.68	Pupa	2L:-:23814240-23814151	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_69803	QIKTETDIWDAVQWFHEK	AGAP005929-PA	-	84	7.16E-08	1	2274.125	2.55	Pupa	2L:-:23814150-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_72988	TETDIWDAVQWFHEK	AGAP005929-PA	-	123	6.56E-12	1	1904.881	-0.08	Head	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_73378	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	116	1.68E-11	1	1935.054	2.78	Head	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_74868	ELADVYAGLVDNDLHK	AGAP005929-PA	-	111	1.18E-10	1	1771.893	3.77	Head	2L:-:23814685-23814638	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_76827	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	115	2.09E-11	1	1935.050	0.82	Pupa	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_76885	ASGAFNRVLSIQSHVVHGHVGNK	AGAP005929-PA	N-Term(Acetyl)	122	3.33E-12	1	2456.305	5.73	Malpighian tubule	2L:-:23814960-23814892	exon=> In CDS Exon 1 of transcript AGAP005929-PA
JHU_Ag_80699	TVAISSSELGSK	AGAP005929-PA	-	64	5.43E-06	2	1178.630	3.13	Salivary gland	2L:-:23814087-23814052	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_85586	ELADVYAGLVDNDLHK	AGAP005929-PA	-	45	0.000503143	2	1771.890	2.05	Visceras	2L:-:23814685-23814638	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_89157	VLSIQSHVVHGHVGNK	AGAP005929-PA	-	63	2.65E-06	1	1710.945	2.98	Larva	2L:-:23814939-23814892	exon=> In CDS Exon 1 of transcript AGAP005929-PA
JHU_Ag_89159	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	36	0.001675321	1	1935.049	-0.04	Male reproductive organs	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_90635	TLSFIPEPVLQGK	AGAP005929-PA	-	62	5.25E-06	1	1428.813	2.21	Salivary gland	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_92507	ADIEQPK	AGAP005929-PA	-	55	2.00E-05	1	800.418	4.29	Malpighian tubule	2L:-:23813748-23813728	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_96586	TLSFIPEPVLQGK	AGAP005929-PA	-	61	5.36E-06	1	1428.811	0.75	Ovary	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_98660	SAVFPLQVLGFEVDQINSVQFSNHTGYK	AGAP005929-PA	-	137	1.88E-13	1	3124.585	3.4	Malpighian tubule	2L:-:23814891-23814963,23814532-23814719	exon=> In CDS Exon 2 and 1 of transcript AGAP005929-PA
JHU_Ag_98697	ELADVYAGLVDNDLHK	AGAP005929-PA	-	153	6.77E-15	1	1771.889	1.57	Malpighian tubule	2L:-:23814685-23814638	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_98743	AIATLQAVIAK	AGAP005929-PA	-	75	7.28E-08	1	1098.691	2.2	Malpighian tubule	2L:-:23813868-23813836	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_100476	TETDIWDAVQWFHEK	AGAP005929-PA	-	107	2.74E-10	1	1904.885	1.9	Pupa	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_102032	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	55	2.48E-05	1	1935.051	1.19	Ovary	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_102722	VLSIQSHVVHGHVGNK	AGAP005929-PA	-	63	3.37E-06	1	1710.943	2.07	Head	2L:-:23814939-23814892	exon=> In CDS Exon 1 of transcript AGAP005929-PA
JHU_Ag_102834	DTLLAYVSNR	AGAP005929-PA	-	73	6.98E-07	2	1151.605	-0.45	Pupa	2L:-:23814051-23814022	exon=> In CDS Exon 3 of transcript AGAP005929-PA

JHU_Ag_105568	LIYVCDPVMGDDGIMYVPK	AGAP005929-PA	C5(Carbamidomethyl), M9(Oxidation),"C5(Carbamidomethyl), M9(Oxidation), M15(Oxidation)",C5(Carbamidomethyl),"C5(Carbamidomethyl), M15(Oxidation)"	87	2.73E-08	1	2201.033	-0.03	Midgut	2L:-:23814541-23814781,23813701-23814241	exon=> In CDS Exon 3 and 2 of transcript AGAP005929-PA
JHU_Ag_105690	LYTHLLTGYVGNPAFLR	AGAP005929-PA	-	112	4.97E-11	1	1935.053	2.21	Midgut	2L:-:23814637-23814587	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_106709	TETDIWDAVQWFHEK	AGAP005929-PA	-	58	2.03E-05	1	1904.886	2.54	Salivary gland	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_106770	DTLLAYVSNR	AGAP005929-PA	-	74	6.11E-07	2	1151.604	-1.41	Ovary	2L:-:23814051-23814022	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_107287	TETDIWDAVQWFHEK	AGAP005929-PA	-	121	9.09E-12	1	1904.888	3.44	Midgut	2L:-:23814141-23814097	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_108967	LIYVCDPVMGDDGIMYVPK	AGAP005929-PA	C5(Carbamidomethyl), M9(Oxidation),"C5(Carbamidomethyl), M9(Oxidation), M15(Oxidation)",C5(Carbamidomethyl),"C5(Carbamidomethyl), M15(Oxidation)"	133	7.35E-13	1	2185.043	2.12	Malpighian tubule	2L:-:23814541-23814781,23813701-23814241	exon=> In CDS Exon 3 and 2 of transcript AGAP005929-PA
JHU_Ag_109214	TLSFIPEPVLQGK	AGAP005929-PA	-	76	1.97E-07	1	1428.812	1.61	Head	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_109328	GQVLNEKELADVYAGLVDNDLHK	AGAP005929-PA	-	52	7.22E-05	1	2540.304	1.92	Pupa	2L:-:23814706-23814638	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_110213	ELLPIYR	AGAP005929-PA	-	41	0.000481205	2	903.530	0.04	Midgut	2L:-:23814240-23814220	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_112760	TVAISSSELGSK	AGAP005929-PA	-	68	2.22E-06	1	1178.627	0.5	Midgut	2L:-:23814087-23814052	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_112919	TVAISSSELGSK	AGAP005929-PA	-	53	7.17E-05	2	1178.625	-0.8	Pupa	2L:-:23814087-23814052	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_113574	NGFKGQVLNEK	AGAP005929-PA	N1(Deamidated)	34	0.006867803	1	1234.641	-1.34	Midgut	2L:-:23814718-23814686	exon=> In CDS Exon 2 of transcript AGAP005929-PA
JHU_Ag_113633	FTGTGDLFASLFLAHSALTNYDVGATLER	AGAP005929-PA	-	180	1.15E-17	1	3087.546	1.07	Ovary	2L:-:23813955-23813869	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_115046	TVAISSSELGSKDTLLAYVSNR	AGAP005929-PA	-	116	2.15E-11	2	2311.217	1.31	Midgut	2L:-:23814087-23814022	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_115925	AIATLQAVIAK	AGAP005929-PA	-	76	4.73E-08	2	1098.691	2.98	Salivary gland	2L:-:23813868-23813836	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_116196	TLSFIPEPVLQGK	AGAP005929-PA	-	51	6.34E-05	2	1428.813	2.29	Visceras	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_116777	VLSIQSHVVHGHVGNK	AGAP005929-PA	-	106	1.65E-10	1	1710.941	0.5	Midgut	2L:-:23814939-23814892	exon=> In CDS Exon 1 of transcript AGAP005929-PA
JHU_Ag_117268	TLSFIPEPVLQGK	AGAP005929-PA	-	62	5.12E-06	1	1428.812	1.78	Male reproductive organs	2L:-:23813835-23813797	exon=> In CDS Exon 3 of transcript AGAP005929-PA
JHU_Ag_7464	LELQIK	AGAP005933-PA	Q4(Deamidated)	41	0.000687081	1	744.459	11.69	Male reproductive organs	2L:-:23852573-23852556	exon=> In CDS Exon 1 of transcript AGAP005933-PA
JHU_Ag_31938	EHQNTIVELQTELSEIGR	AGAP005933-PA	-	62	8.27E-06	1	2096.073	5.07	Midgut	2L:-:23852735-23852682	exon=> In CDS Exon 1 of transcript AGAP005933-PA
JHU_Ag_63807	EHQNTIVELQTELSEIGR	AGAP005933-PA	-	35	0.004632737	3	2096.071	4.28	Head	2L:-:23852735-23852682	exon=> In CDS Exon 1 of transcript AGAP005933-PA
JHU_Ag_65352	LELQIK	AGAP005933-PA	Q4(Deamidated)	32	0.003229679	2	744.450	-0.21	Ovary	2L:-:23852573-23852556	exon=> In CDS Exon 1 of transcript AGAP005933-PA

JHU_Ag_66773	LELQIK	AGAP005933-PA	Q4(Deamidated)	43	0.000274258	2	744.449	-1.61	Head	2L:-:23852573-23852556	exon=> In CDS Exon 1 of transcript AGAP005933-PA
JHU_Ag_5492	FAATDIVNSPTLHPAVTK	AGAP005937-PA	-	82	5.94E-08	1	1882.011	2.22	Ovary	2L:+:23862966-23863019	exon=> In CDS Exon 2 of transcript AGAP005937-PA
JHU_Ag_37040	VLNQLIHDYETPPEKEFGR	AGAP005937-PA	-	50	0.000132791	1	2285.158	0.91	Ovary	2L:+:23863086-23863142	exon=> In CDS Exon 2 of transcript AGAP005937-PA
JHU_Ag_51077	FAATDIVNSPTLHPAVTK	AGAP005937-PA	-	81	6.52E-08	1	1882.014	3.64	Malpighian tubule	2L:+:23862966-23863019	exon=> In CDS Exon 2 of transcript AGAP005937-PA
JHU_Ag_55426	NPALAGNAPEGATKPAKPALSK	AGAP005937-PA	-	55	1.62E-05	1	2103.151	-2.44	Ovary	2L:+:23862657-23862722	exon=> In CDS Exon 2 of transcript AGAP005937-PA
JHU_Ag_59825	ELHISDGPAGTAGTVAEKPETK	AGAP005937-PA	-	75	4.14E-07	1	2208.104	-4.63	Head	2L:+:23862549-23862614	exon=> In CDS Exon 2 of transcript AGAP005937-PA
JHU_Ag_67663	VQTDAFVYNEIGNPNELVVAPR	AGAP005937-PA	-	55	4.62E-05	1	2445.236	-1.88	Ovary	2L:+:23863801-23863834,23863912-23863943	exon=> In CDS Exon 3 and 4 of transcript AGAP005937-PA
JHU_Ag_82813	AATPTGAVGGTGAPR	AGAP005937-PA	-	53	5.95E-05	2	1283.672	1.34	Malpighian tubule	2L:+:23862879-23862923	exon=> In CDS Exon 2 of transcript AGAP005937-PA
JHU_Ag_93244	FAATDIVNSPTLHPAVTK	AGAP005937-PA	-	66	2.33E-06	1	1882.008	0.72	Head	2L:+:23862966-23863019	exon=> In CDS Exon 2 of transcript AGAP005937-PA
JHU_Ag_34865	IKVDLK	AGAP005939-PA	-	39	0.000542123	2	715.470	-1.52	Salivary gland	2L:-:23867698-23867681	exon=> In CDS Exon 4 of transcript AGAP005939-PA
JHU_Ag_44691	IKVDLK	AGAP005939-PA	-	35	0.001915085	2	715.474	3.25	Malpighian tubule	2L:-:23867698-23867681	exon=> In CDS Exon 4 of transcript AGAP005939-PA
JHU_Ag_4678	EEEEEEDDDDDEENDAK	AGAP005940-PA,AGAP005940-PB	-	96	3.68E-11	2	2054.698	1.31	Head	2L:+:23873410-23873460;2L:+:23873410-23873460	exon=> In CDS Exon 1 of transcript AGAP005940-PA;exon=> In CDS Exon 1 of transcript AGAP005940-PB
JHU_Ag_25672	DVTFTDTLCEYDGSHGR	AGAP005942-PA	C9(Carbamidomethyl)	91	3.48E-09	1	1972.829	-2.57	Midgut	2L:-:23922671-23922621	exon=> In CDS Exon 4 of transcript AGAP005942-PA
JHU_Ag_13318	LNTGDCLSTHHVPDSIQWVPQCDSR	AGAP005942-PA,AGAP005942-PB	C6(Carbamidomethyl), C22(Carbamidomethyl)	60	1.04E-05	1	2922.343	6.03	Midgut	2L:-:23923455-23923788,23923159-23923283;2L:-:23923455-23923788,23923159-23923283	exon=> In CDS Exon 2 and 1 of transcript AGAP005942-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005942-PB
JHU_Ag_18658	IFGWSWR	AGAP005942-PA,AGAP005942-PB	-	47	0.000293315	2	951.484	-0.09	Midgut	2L:-:23923204-23923184;2L:-:23923204-23923184	exon=> In CDS Exon 2 of transcript AGAP005942-PA;exon=> In CDS Exon 2 of transcript AGAP005942-PB
JHU_Ag_8844	SGDRPAADSATAATHSPTATVVR	AGAP005943-PA	-	65	5.55E-06	1	2239.099	-3.42	Head	2L:+:23925533-23925601	exon=> In CDS Exon 1 of transcript AGAP005943-PA
JHU_Ag_81593	AGFPVILPYDSASLK	AGAP005943-PA,AGAP005943-PB	-	50	9.26E-05	1	1577.857	-0.37	Head	2L:+:23945663-23945707;2L:+:23945663-23945707	exon=> In CDS Exon 7 of transcript AGAP005943-PA;exon=> In CDS Exon 7 of transcript AGAP005943-PB
JHU_Ag_83189	TLPEPPSLASLRPPPIPEGPPLDLQDTLK	AGAP005943-PA,AGAP005943-PB	-	33	0.001079492	1	3088.696	1.04	Head	2L:+:23938218-23938304;2L:+:23938218-23938304	exon=> In CDS Exon 2 of transcript AGAP005943-PA;exon=> In CDS Exon 2 of transcript AGAP005943-PB
JHU_Ag_95180	TTLSQPADDDYSTK	AGAP005943-PA,AGAP005943-PB	-	51	7.87E-05	2	1541.699	1.4	Head	2L:+:23938176-23938217;2L:+:23938176-23938217	exon=> In CDS Exon 2 of transcript AGAP005943-PA;exon=> In CDS Exon 2 of transcript AGAP005943-PB
JHU_Ag_111861	DDDLDVAVPQHELLDNSLNK	AGAP005943-PA,AGAP005943-PB	-	70	1.67E-06	1	2250.094	2.3	Head	2L:+:23945867-23945926;2L:+:23945867-23945926	exon=> In CDS Exon 7 of transcript AGAP005943-PA;exon=> In CDS Exon 7 of transcript AGAP005943-PB
JHU_Ag_2517	LSAEDVKEQIK	AGAP005947-PA	-	57	2.69E-05	1	1259.683	-0.94	Visceras	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_3299	AVGLKPDIPEDLYFLIKK	AGAP005947-PA	-	62	6.83E-07	1	2059.191	3.49	Larva	2L:+:23982283-23982336	exon=> In CDS Exon 2 of transcript AGAP005947-PA

JHU_Ag_3834	LILIESR	AGAP005947-PA	-	40	0.000670353	2	843.530	0.39	Salivary gland	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_4500	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	99	3.02E-10	1	1931.093	2.23	Malpighian tubule	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_6677	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	107	6.67E-11	1	1931.087	-0.8	Midgut	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_10456	DSHGVAQVR	AGAP005947-PA	-	64	4.25E-06	1	968.492	1.04	Malpighian tubule	2L:+:23982072-23982098	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_10561	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	94	8.64E-10	1	1931.098	4.51	Larva	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_10891	AVGLKPDIPEDLYFLIKK	AGAP005947-PA	-	54	6.64E-06	1	2059.181	-1.49	Salivary gland	2L:+:23982283-23982336	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_14330	GMTPSQIGIILR	AGAP005947-PA	M2(Oxidation)	59	1.20E-05	2	1301.730	4.22	Head	2L:+:23982036-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_15645	KGMTPSQIGIILR	AGAP005947-PA	M3(Oxidation)	61	3.69E-06	1	1429.819	-0.73	Salivary gland	2L:+:23982033-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_19369	KGMTPSQIGIILR	AGAP005947-PA	M3(Oxidation)	70	5.99E-07	1	1429.820	0.43	Ovary	2L:+:23982033-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_19978	KGMTPSQIGIILR	AGAP005947-PA	M3(Oxidation)	86	1.32E-08	2	1429.820	0.09	Male reproductive organs	2L:+:23982033-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_21104	AVGLKPDIPEDLYFLIKK	AGAP005947-PA	-	37	0.000264815	1	2059.186	0.82	Visceras	2L:+:23982283-23982336	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_23775	GMTPSQIGIILR	AGAP005947-PA	M2(Oxidation)	83	3.91E-08	1	1285.733	2.6	Salivary gland	2L:+:23982036-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_24453	GMTPSQIGIILR	AGAP005947-PA	-	63	3.77E-06	1	1285.732	1.84	Pupa	2L:+:23982036-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_26095	LSAEDVKEQIK	AGAP005947-PA	-	44	0.000596611	1	1259.679	-4.53	Pupa	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_27547	YESSTASALVA	AGAP005947-PA	-	45	0.000311045	2	1098.532	0.92	Ovary	2L:+:23982475-23982507	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_32225	LILIESR	AGAP005947-PA	-	57	1.47E-05	2	843.530	0.61	Visceras	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_32929	DSHGVAQVR	AGAP005947-PA	-	55	3.65E-05	1	968.492	1.36	Head	2L:+:23982072-23982098	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_34287	LSAEDVKEQIK	AGAP005947-PA	-	75	4.52E-07	1	1259.688	2.74	Larva	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_34308	LILIESR	AGAP005947-PA	-	35	0.001812816	1	843.534	4.82	Larva	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_34900	DSHGVAQVR	AGAP005947-PA	-	64	4.20E-06	1	968.491	0.47	Ovary	2L:+:23982072-23982098	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_35731	LSAEDVKEQIK	AGAP005947-PA	-	85	4.68E-08	1	1259.683	-1.24	Ovary	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_37119	GMTPSQIGIILR	AGAP005947-PA	M2(Oxidation)	64	4.62E-06	1	1301.727	2.16	Visceras	2L:+:23982036-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_38876	SALPYRR	AGAP005947-PA	-	34	0.004298589	1	862.490	0.82	Malpighian tubule	2L:+:23981946-23981966	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_39948	KGMTPSQIGIILR	AGAP005947-PA	M3(Oxidation)	78	5.85E-08	1	1413.822	-1.61	Midgut	2L:+:23982033-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_41937	GMTPSQIGIILR	AGAP005947-PA	M2(Oxidation)	66	1.68E-06	2	1285.735	4.31	Malpighian tubule	2L:+:23982036-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_43854	LSAEDVKEQIK	AGAP005947-PA	-	79	1.89E-07	1	1259.684	-0.36	Midgut	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_46352	DSHGVAQVR	AGAP005947-PA	-	48	0.000188505	1	968.491	0.16	Visceras	2L:+:23982072-23982098	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_51871	KGMTPSQIGIILR	AGAP005947-PA	M3(Oxidation)	76	1.39E-07	1	1429.821	0.94	Pupa	2L:+:23982033-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA

JHU_Ag_57537	LSAEDVKEQIK	AGAP005947-PA	-	64	5.73E-06	1	1259.684	0.02	Male reproductive organs	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_57849	DSHGVAQVR	AGAP005947-PA	-	41	0.000710616	1	968.496	5.07	Larva	2L:+:23982072-23982098	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_60561	DSHGVAQVR	AGAP005947-PA	-	46	0.000290504	2	968.491	0.41	Midgut	2L:+:23982072-23982098	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_60747	GMTPSQIGIILR	AGAP005947-PA	M2(Oxidation)	84	3.66E-08	2	1285.729	-0.44	Midgut	2L:+:23982036-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_61620	KGMTPSQIGIILR	AGAP005947-PA	M3(Oxidation)	74	1.67E-07	2	1429.823	2.56	Malpighian tubule	2L:+:23982033-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_62725	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	113	1.51E-11	1	1931.089	0.15	Head	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_68158	LSAEDVK	AGAP005947-PA	-	42	0.001172285	2	761.403	-1.87	Midgut	2L:+:23981988-23982008	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_72070	AVGLKPDIPEDLYFLIKK	AGAP005947-PA	-	56	3.20E-06	1	2059.191	3.31	Pupa	2L:+:23982283-23982336	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_72225	AVGLKPDIPEDLYFLIKK	AGAP005947-PA	-	120	1.65E-12	1	2059.183	-0.34	Midgut	2L:+:23982283-23982336	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_73583	GMTPSQIGIILR	AGAP005947-PA	M2(Oxidation)	92	7.59E-09	1	1301.727	2.06	Ovary	2L:+:23982036-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_74659	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	97	5.37E-10	1	1931.090	0.43	Salivary gland	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_75308	LILIESR	AGAP005947-PA	-	43	0.000299334	1	843.532	2.13	Malpighian tubule	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_78567	LILIESR	AGAP005947-PA	-	35	0.002070884	1	843.532	2.07	Pupa	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_80797	LSAEDVKEQIK	AGAP005947-PA	-	48	0.000222236	1	1259.687	2.35	Head	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_85441	AVGLKPDIPEDLYFLIKK	AGAP005947-PA	-	93	5.11E-10	1	2059.194	4.82	Malpighian tubule	2L:+:23982283-23982336	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_87076	GMTPSQIGIILRDSHGVAQVR	AGAP005947-PA	M2(Oxidation)	79	7.66E-08	1	2235.206	1.35	Malpighian tubule	2L:+:23982036-23982098	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_89381	KGMTPSQIGIILR	AGAP005947-PA	M3(Oxidation)	46	9.93E-05	2	1429.825	3.59	Larva	2L:+:23982033-23982071	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_95989	AVGLKPDIPEDLYFLIKK	AGAP005947-PA	-	47	2.50E-05	1	2059.189	2.69	Ovary	2L:+:23982283-23982336	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_101014	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	104	1.15E-10	1	1931.095	3.09	Pupa	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_101831	LSAEDVKEQIK	AGAP005947-PA	-	89	1.89E-08	1	1259.685	0.8	Malpighian tubule	2L:+:23981988-23982020	exon=> In CDS Exon 1 of transcript AGAP005947-PA
JHU_Ag_102044	FVNGNKVLR	AGAP005947-PA	-	57	1.42E-05	2	1046.612	1.22	Malpighian tubule	2L:+:23982099-23982116,23982265-23982273	exon=> In CDS Exon 1 and 2 of transcript AGAP005947-PA
JHU_Ag_104770	LILIESR	AGAP005947-PA	-	43	0.000277432	2	843.532	2.2	Midgut	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_105747	LILIESR	AGAP005947-PA	-	38	0.000828239	1	843.532	2.27	Ovary	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_108618	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	114	1.15E-11	1	1931.093	1.85	Visceras	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_113607	LILIESR	AGAP005947-PA	-	35	0.001749251	1	843.532	3.07	Head	2L:+:23982397-23982417	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_113926	AVGLKPDIPEDLYFLIK	AGAP005947-PA	-	97	6.25E-10	1	1931.091	1.29	Ovary	2L:+:23982283-23982333	exon=> In CDS Exon 2 of transcript AGAP005947-PA
JHU_Ag_6264	TNTNGMQHQPLDVAIVGGGLVGSLLALHLGK	AGAP005948-PA	N4(Deamidated), M6(Oxidation)	33	0.002788392	1	3127.658	0.27	Midgut	2L:+:23985416-23985475,23986073-23986105	exon=> In CDS Exon 1 and 2 of transcript AGAP005948-PA

JHU_Ag_8593	GQFMMIALPNQDR	AGAP005948-PA	M4(Oxidation), M5(Oxidation)	99	1.87E-09	2	1552.724	-0.53	Midgut	2L:+:23987541-23987579	exon=> In CDS Exon 5 of transcript AGAP005948-PA
JHU_Ag_14015	ILSTFQLLKPK	AGAP005948-PA	-	73	4.84E-08	1	1287.804	-0.02	Midgut	2L:+:23988573-23988605	exon=> In CDS Exon 7 of transcript AGAP005948-PA
JHU_Ag_19842	HLNEVLLNAAEKYPNIHLHFNHK	AGAP005948-PA	-	31	0.005144439	1	2751.444	-1.43	Midgut	2L:+:23986458-23986482,23986607-23986650	exon=> In CDS Exon 3 and 4 of transcript AGAP005948-PA
JHU_Ag_37946	KGHEVNLYEYR	AGAP005948-PA	-	55	4.39E-05	2	1407.704	1.66	Midgut	2L:+:23986106-23986138	exon=> In CDS Exon 2 of transcript AGAP005948-PA
JHU_Ag_38838	TAELVIGR	AGAP005948-PA	-	63	1.02E-05	1	858.504	-0.49	Midgut	2L:+:23986251-23986274	exon=> In CDS Exon 3 of transcript AGAP005948-PA
JHU_Ag_41622	ALAEVGLEDALLNHGIPMSGR	AGAP005948-PA	M18(Oxidation)	116	2.90E-11	1	2179.117	-0.45	Midgut	2L:+:23986311-23986373	exon=> In CDS Exon 3 of transcript AGAP005948-PA
JHU_Ag_45054	HLNEVLLNAAEK	AGAP005948-PA	-	74	4.97E-07	2	1350.721	-12.06	Malpighian tubule	2L:+:23986458-23986482,23986607-23986617	exon=> In CDS Exon 3 and 4 of transcript AGAP005948-PA
JHU_Ag_61965	IVPYDANTNQCIYSVGR	AGAP005948-PA	C11(Carbamidomethyl)	81	1.01E-07	1	1969.942	-0.89	Midgut	2L:+:23986404-23986454	exon=> In CDS Exon 3 of transcript AGAP005948-PA
JHU_Ag_64501	KHLNEVLLNAAEK	AGAP005948-PA	-	72	2.99E-07	2	1478.831	-0.86	Midgut	2L:+:23986455-23986482,23986607-23986617	exon=> In CDS Exon 3 and 4 of transcript AGAP005948-PA
JHU_Ag_72804	ADLIVGCDGAYSAVR	AGAP005948-PA	C7(Carbamidomethyl)	67	3.18E-06	2	1566.768	6.28	Midgut	2L:+:23987361-23987405	exon=> In CDS Exon 5 of transcript AGAP005948-PA
JHU_Ag_79455	SINLALSAR	AGAP005948-PA	-	38	0.002067945	1	944.553	0.16	Midgut	2L:+:23986275-23986301	exon=> In CDS Exon 3 of transcript AGAP005948-PA
JHU_Ag_82859	QHFPDAIELIGR	AGAP005948-PA	-	73	6.36E-07	2	1395.739	0.42	Midgut	2L:+:23987661-23987696	exon=> In CDS Exon 5 of transcript AGAP005948-PA
JHU_Ag_86848	HLNEVLLNAAEK	AGAP005948-PA	-	73	3.47E-07	2	1350.746	5.92	Head	2L:+:23986458-23986482,23986607-23986617	exon=> In CDS Exon 3 and 4 of transcript AGAP005948-PA
JHU_Ag_93493	HLNEVLLNAAEK	AGAP005948-PA	-	92	5.20E-09	1	1350.736	-0.94	Midgut	2L:+:23986458-23986482,23986607-23986617	exon=> In CDS Exon 3 and 4 of transcript AGAP005948-PA
JHU_Ag_97723	RALAEVGLEDALLNHGIPMSGR	AGAP005948-PA	M19(Oxidation)	63	4.86E-06	1	2335.218	-0.28	Midgut	2L:+:23986308-23986373	exon=> In CDS Exon 3 of transcript AGAP005948-PA
JHU_Ag_112340	LVSANLDEGNLSMVDPVTK	AGAP005948-PA	-	141	1.48E-13	1	2002.013	-1.44	Midgut	2L:+:23986651-23986694,23987330-23987342	exon=> In CDS Exon 4 and 5 of transcript AGAP005948-PA
JHU_Ag_59982	ALLQQESTSSNIGLR	AGAP005951-PA	-	95	4.13E-09	2	1616.866	3.77	Larva	2L:-:24015788-24015744	exon=> In CDS Exon 2 of transcript AGAP005951-PA
JHU_Ag_1432	VGAFYDLPDYLTFR	AGAP005956-PA	-	65	5.74E-06	1	1676.843	6.85	Head	2L:-:24047243-24047202	exon=> In CDS Exon 2 of transcript AGAP005956-PA
JHU_Ag_2233	RPVLAPGIWGPYK	AGAP005956-PA	-	37	0.000883178	3	1453.836	3.39	Malpighian tubule	2L:-:24046820-24046782	exon=> In CDS Exon 2 of transcript AGAP005956-PA
JHU_Ag_8632	IYAFLNTFLDELAK	AGAP005956-PA	-	111	9.19E-11	1	1657.888	2.32	Midgut	2L:-:24046649-24046608	exon=> In CDS Exon 2 of transcript AGAP005956-PA
JHU_Ag_40268	RPVLAPGIWGPYK	AGAP005956-PA	-	32	0.002987041	1	1453.834	1.66	Midgut	2L:-:24046820-24046782	exon=> In CDS Exon 2 of transcript AGAP005956-PA
JHU_Ag_78203	LIGTHVANPGAPIDGGLSR	AGAP005956-PA	-	48	0.00014091	1	1844.997	-0.42	Head	2L:-:24047066-24047010	exon=> In CDS Exon 2 of transcript AGAP005956-PA
JHU_Ag_105457	VGAFYDLPDYLTFR	AGAP005956-PA	-	45	0.000602835	2	1676.836	2.41	Visceras	2L:-:24047243-24047202	exon=> In CDS Exon 2 of transcript AGAP005956-PA
JHU_Ag_115732	RPVLAPGIWGPYK	AGAP005956-PA	-	56	1.10E-05	2	1453.836	3.17	Salivary gland	2L:-:24046820-24046782	exon=> In CDS Exon 2 of transcript AGAP005956-PA

JHU_Ag_113768	AEEEAR	AGAP005956-PA,AGAP001797-PE	-	34	0.002639731	2	704.321	-0.22	Midgut	2L:-:24047381-24047364;2R:+:10545970-10545987	exon=> In CDS Exon 2 of transcript AGAP005956-PA;exon=> In CDS Exon 1 of transcript AGAP001797-PE
JHU_Ag_10557	YILVQIR	AGAP005957-PA	-	32	0.001585791	1	904.563	1.24	Ovary	2L:+:24049156-24049176	exon=> In CDS Exon 2 of transcript AGAP005957-PA
JHU_Ag_44327	FITSILPLLTVAGPEIAR	AGAP005957-PA	-	57	8.98E-07	1	1911.139	4.18	Ovary	2L:+:24049363-24049395,24049468-24049488	exon=> In CDS Exon 2 and 3 of transcript AGAP005957-PA
JHU_Ag_2706	KVVNPLFEK	AGAP005960-PA	-	49	8.21E-05	2	1073.633	-2.38	Pupa	2L:-:24056016-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_3160	HWGGGLLGPK	AGAP005960-PA	-	35	0.003933739	1	1021.559	1.57	Malpighian tubule	2L:-:24055386-24055357	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_3524	VKNYGIGQNVQPK	AGAP005960-PA	-	74	4.43E-07	1	1444.792	0.65	Male reproductive organs	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_4743	VKNYGIGQNVQPK	AGAP005960-PA	-	37	0.002521726	2	1444.794	2.42	Larva	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_4850	LVETIK	AGAP005960-PA	-	35	0.002061348	2	702.438	-1.69	Visceras	2L:-:24055440-24055423	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_5423	YRPENPIAR	AGAP005960-PA	-	32	0.009283899	1	1115.596	0.63	Midgut	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_7546	VVNPLFEKR	AGAP005960-PA	-	52	3.95E-05	1	1101.644	2.07	Malpighian tubule	2L:-:24056013-24055987	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_7670	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), Q9(Deamidated),"C2(Carbamidomethyl), C4(Carbamidomethyl)"	131	1.27E-12	1	2233.101	2.42	Ovary	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_9327	LGTLVYR	AGAP005960-PA	-	54	2.13E-05	2	821.487	-0.7	Pupa	2L:-:24055524-24055504	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_9447	AQLVIIAHDVDPIELVVYLPALCR	AGAP005960-PA	C23(Carbamidomethyl)	53	1.03E-05	2	2717.500	-2.19	Midgut	2L:-:24055638-24055567	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_9971	HWGGGLLGPK	AGAP005960-PA	-	57	2.40E-05	1	1021.567	9.23	Ovary	2L:-:24055386-24055357	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_10254	TNFNDRFDDIR	AGAP005960-PA	-	38	0.001981093	1	1412.654	-0.66	Salivary gland	2L:-:24055422-24055390	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_12755	KVVNPLFEK	AGAP005960-PA	-	49	5.99E-05	1	1073.638	2.4	Head	2L:-:24056016-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_14847	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	136	3.65E-13	1	2233.103	3.51	Salivary gland	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_14977	VVNPLFEKR	AGAP005960-PA	-	66	1.65E-06	1	1101.645	2.96	Male reproductive organs	2L:-:24056013-24055987	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_15415	VVNPLFEKR	AGAP005960-PA	-	29	0.007846764	1	1101.644	2.51	Head	2L:-:24056013-24055987	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_15768	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	40	0.000677758	1	2511.331	1.48	Visceras	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_17750	NYGIGQNVQPK	AGAP005960-PA	-	69	2.52E-06	1	1217.630	1.82	Salivary gland	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_18159	VAPAPLAKPK	AGAP005960-PA	-	67	9.84E-08	1	991.630	0.11	Male reproductive organs	2L:-:24056061-24056032	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_19672	VKNYGIGQNVQPK	AGAP005960-PA	-	73	5.75E-07	1	1444.791	0.48	Pupa	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_19673	VKNYGIGQNVQPK	AGAP005960-PA	-	75	3.60E-07	1	1444.793	1.27	Malpighian tubule	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_19876	NYGIGQNVQPK	AGAP005960-PA	-	52	0.000101039	2	1217.632	4.12	Larva	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA

JHU_Ag_20449	VAPAPLAKPK	AGAP005960-PA	-	41	1.21E-05	1	991.634	3.93	Larva	2L:-:24056061-24056032	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_22423	NYGIGQNVQPK	AGAP005960-PA	-	76	4.35E-07	1	1217.627	0.01	Ovary	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_26654	LKIPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M23(Oxidation)	79	4.11E-08	1	2752.511	1.6	Head	2L:-:24055872-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_27378	KTCTCVALTQVENADKPNLAK	AGAP005960-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	117	3.62E-11	1	2361.194	1.64	Ovary	2L:-:24055503-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_27480	KAQLVIIAHDVDPIELVVYLPALCR	AGAP005960-PA	C24(Carbamidomethyl)	53	3.99E-06	1	2845.602	0.43	Midgut	2L:-:24055641-24055567	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_35706	YRPENPIAR	AGAP005960-PA	-	39	0.001836982	1	1115.598	2.16	Larva	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_37319	LGTLVYR	AGAP005960-PA	-	49	7.02E-05	2	821.489	1.15	Visceras	2L:-:24055524-24055504	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_37521	LGTLVYR	AGAP005960-PA	-	54	1.76E-05	2	821.491	3.31	Head	2L:-:24055524-24055504	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_39065	KTCTCVALTQVENADKPNLAK	AGAP005960-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	121	1.37E-11	1	2361.191	0.24	Malpighian tubule	2L:-:24055503-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_39990	VVNPLFEKR	AGAP005960-PA	-	41	0.000839524	1	1101.641	-0.65	Visceras	2L:-:24056013-24055987	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_41532	KMGVPYCIIK	AGAP005960-PA	C7(Carbamidomethyl)	47	0.00022219	1	1208.655	1.98	Malpighian tubule	2L:-:24055566-24055537	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_44600	VAPAPLAKPK	AGAP005960-PA	-	49	5.49E-06	1	991.629	-0.75	Pupa	2L:-:24056061-24056032	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_44617	KVVNPLFEK	AGAP005960-PA	-	53	2.49E-05	1	1073.638	2.74	Male reproductive organs	2L:-:24056016-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_44962	NYGIGQNVQPK	AGAP005960-PA	-	69	2.37E-06	1	1217.633	4.52	Male reproductive organs	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_45213	QGINSVVK	AGAP005960-PA	-	42	0.001325744	2	844.488	-0.91	Visceras	2L:-:24055680-24055657	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_47290	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	54	2.92E-05	1	2511.339	4.61	Larva	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_49455	AAGKEEPPSK	AGAP005960-PA	-	63	4.89E-06	1	1013.526	-0.63	Midgut	2L:-:24055728-24055699	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_49800	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	110	1.67E-10	1	2233.097	0.89	Malpighian tubule	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_50024	LGTLVYR	AGAP005960-PA	-	54	2.33E-05	2	821.489	0.93	Midgut	2L:-:24055524-24055504	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_56068	VAPAPLAKPK	AGAP005960-PA	-	29	0.000523857	1	991.630	0.36	Salivary gland	2L:-:24056061-24056032	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_57601	KVVNPLFEK	AGAP005960-PA	-	45	0.000172427	1	1073.637	1.38	Malpighian tubule	2L:-:24056016-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_58687	RHWGGGLLGPK	AGAP005960-PA	-	63	4.11E-06	1	1177.660	0.9	Malpighian tubule	2L:-:24055389-24055357	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_60644	KTCTCVALTQVENADKPNLAK	AGAP005960-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	103	8.71E-10	1	2361.189	-0.53	Midgut	2L:-:24055503-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_62339	NYGIGQNVQPK	AGAP005960-PA	-	41	0.00155467	2	1217.628	0.61	Midgut	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_62565	NYGIGQNVQPK	AGAP005960-PA	-	53	8.92E-05	2	1217.631	3.22	Head	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_63200	VAPAPLAKPK	AGAP005960-PA	-	25	0.001294375	1	991.632	2.39	Malpighian tubule	2L:-:24056061-24056032	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_63987	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	94	5.92E-09	1	2233.099	1.51	Visceras	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_64669	KVVNPLFEK	AGAP005960-PA	-	46	0.000201059	1	1073.634	-1.01	Ovary	2L:-:24056016-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA

JHU_Ag_64848	YRPENPIAR	AGAP005960-PA	-	40	0.001414915	2	1115.597	0.96	Malpighian tubule	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_65639	QGINSVVK	AGAP005960-PA	-	43	0.001178853	2	844.488	-1.13	Pupa	2L:-:24055680-24055657	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_66022	NYGIGQNVQPKR	AGAP005960-PA	-	97	3.32E-09	1	1373.732	2.64	Malpighian tubule	2L:-:24055980-24055945	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_66183	LGTLVYR	AGAP005960-PA	-	66	1.43E-06	2	821.488	0.19	Male reproductive organs	2L:-:24055524-24055504	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_66699	VKNYGIGQNVQPK	AGAP005960-PA	-	75	3.25E-07	1	1444.794	2.22	Salivary gland	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_66768	QGINSVVK	AGAP005960-PA	-	39	0.002719316	2	844.490	1.11	Ovary	2L:-:24055680-24055657	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_67326	YRPENPIAR	AGAP005960-PA	-	52	9.42E-05	1	1115.598	1.94	Head	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_67557	LKIPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M23(Oxidation)	92	2.31E-09	1	2752.506	-0.09	Midgut	2L:-:24055872-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_68550	LVETIK	AGAP005960-PA	-	36	0.001390437	2	702.439	-1.6	Head	2L:-:24055440-24055423	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_68743	TNFNDRFDDIR	AGAP005960-PA	-	56	2.91E-05	1	1412.653	-1.56	Head	2L:-:24055422-24055390	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_68957	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	103	8.36E-10	1	2233.098	1.35	Head	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_69170	YRPENPIAR	AGAP005960-PA	-	38	0.002684377	1	1115.595	-0.4	Visceras	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_72653	LVETIK	AGAP005960-PA	-	37	0.001333986	2	702.440	-0.21	Midgut	2L:-:24055440-24055423	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_74074	KVVNPLFEK	AGAP005960-PA	-	47	0.000160814	2	1073.635	-0.56	Salivary gland	2L:-:24056016-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_74685	KVVNPLFEK	AGAP005960-PA	-	42	0.0005168	1	1073.636	0.13	Visceras	2L:-:24056016-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_75180	HWGGGLLGPK	AGAP005960-PA	-	57	2.28E-05	1	1021.559	0.69	Midgut	2L:-:24055386-24055357	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_75664	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	135	4.91E-13	1	2233.096	0.23	Male reproductive organs	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_76839	LGTLVYRK	AGAP005960-PA	-	49	1.33E-05	2	949.585	2.03	Male reproductive organs	2L:-:24055524-24055501	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_77424	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	59	7.85E-06	1	2511.337	3.59	Head	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_78265	LVETIK	AGAP005960-PA	-	32	0.004094032	1	702.439	-0.74	Pupa	2L:-:24055440-24055423	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_78335	AQLVIIAHDVDPIELVVYLPALCR	AGAP005960-PA	C23(Carbamidomethyl)	70	2.33E-07	1	2717.505	-0.36	Ovary	2L:-:24055638-24055567	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_80141	VKNYGIGQNVQPK	AGAP005960-PA	-	57	2.42E-05	1	1444.791	0.22	Midgut	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_83834	VKNYGIGQNVQPK	AGAP005960-PA	-	61	8.84E-06	1	1444.792	0.98	Visceras	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_84416	YRPENPIAR	AGAP005960-PA	-	40	0.001415284	1	1115.595	-0.47	Ovary	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_86366	VAPAPLAKPK	AGAP005960-PA	-	33	0.000246725	1	991.631	0.67	Ovary	2L:-:24056061-24056032	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_88797	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	86	4.13E-08	1	2233.099	1.51	Pupa	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_90014	NYGIGQNVQPK	AGAP005960-PA	-	68	3.07E-06	1	1217.626	-0.79	Pupa	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_90901	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	44	0.000240892	1	2511.335	3.08	Midgut	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA

JHU_Ag_91372	LKIPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M23(Oxidation)	106	5.49E-11	1	2752.528	7.72	Larva	2L:-:24055872-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_91825	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	79	9.66E-08	1	2511.327	-0.42	Ovary	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_94438	HWGGGLLGPK	AGAP005960-PA	-	44	0.000507008	1	1021.558	-0.16	Male reproductive organs	2L:-:24055386-24055357	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_94919	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	41	0.000563735	1	2511.330	0.89	Pupa	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_95877	YRPENPIAR	AGAP005960-PA	-	48	0.000256356	1	1115.595	-0.25	Salivary gland	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_96380	LGTLVYR	AGAP005960-PA	-	43	0.000262662	1	821.488	-0.26	Salivary gland	2L:-:24055524-24055504	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_96954	KMGVPYCIIK	AGAP005960-PA	C7(Carbamidomethyl)	37	0.002156373	1	1208.655	1.99	Salivary gland	2L:-:24055566-24055537	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_96997	LKIPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M23(Oxidation)	130	3.76E-13	1	2752.502	-1.68	Male reproductive organs	2L:-:24055872-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_97331	LKIPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M23(Oxidation)	103	1.87E-10	1	2752.507	0.27	Ovary	2L:-:24055872-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_97447	VVNPLFEK	AGAP005960-PA	-	41	0.00116222	1	945.541	0.53	Ovary	2L:-:24056013-24055990	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_98013	LKIPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M23(Oxidation)	116	8.73E-12	1	2736.517	1.8	Malpighian tubule	2L:-:24055872-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_99554	YRPENPIAR	AGAP005960-PA	-	51	0.000119325	1	1115.597	0.96	Pupa	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_100997	YRPENPIAR	AGAP005960-PA	-	60	1.62E-05	1	1115.597	1.17	Male reproductive organs	2L:-:24055788-24055762	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_102704	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	44	0.000246325	1	2511.331	1.4	Male reproductive organs	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_103167	NYGIGQNVQPK	AGAP005960-PA	-	65	5.11E-06	1	1217.626	-1.19	Visceras	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_103800	NYGIGQNVQPK	AGAP005960-PA	-	73	9.20E-07	1	1217.628	0.81	Malpighian tubule	2L:-:24055980-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_106421	LKIPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M23(Oxidation)	104	9.31E-11	1	2752.521	5.15	Salivary gland	2L:-:24055872-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_107740	RHWGGGLLGPK	AGAP005960-PA	-	60	8.13E-06	1	1177.661	1.52	Salivary gland	2L:-:24055389-24055357	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_107980	TNFNDRFDDIR	AGAP005960-PA	-	46	0.00027976	1	1412.655	0.06	Ovary	2L:-:24055422-24055390	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_111327	KTCTCVALTQVENADKPNLAK	AGAP005960-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	70	1.60E-06	1	2361.185	-2.4	Male reproductive organs	2L:-:24055503-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_111618	VKNYGIGQNVQPK	AGAP005960-PA	-	57	2.29E-05	1	1444.788	-1.58	Head	2L:-:24055986-24055948	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_113833	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	54	2.93E-05	1	2511.340	4.76	Salivary gland	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_114050	KTCTCVALTQVENADKPNLAK	AGAP005960-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	95	5.97E-09	1	2361.189	-0.61	Salivary gland	2L:-:24055503-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_115847	IPPPINQFTQTLDKPTAQQVMK	AGAP005960-PA	M21(Oxidation)	53	2.53E-05	1	2495.341	3.14	Malpighian tubule	2L:-:24055866-24055801	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_115914	TCTCVALTQVENADKPNLAK	AGAP005960-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), N17(Deamidated),"C2(Carbamidomethyl), C4(Carbamidomethyl)"	136	3.67E-13	1	2233.099	1.76	Midgut	2L:-:24055500-24055441	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_116922	HWGGGLLGPK	AGAP005960-PA	-	36	0.002929581	1	1021.559	1.33	Salivary gland	2L:-:24055386-24055357	exon=> In CDS Exon 1 of transcript AGAP005960-PA

JHU_Ag_117825	LGTLVYR	AGAP005960-PA	-	51	4.16E-05	2	821.488	0.34	Malpighian tubule	2L:-:24055524-24055504	exon=> In CDS Exon 1 of transcript AGAP005960-PA
JHU_Ag_96633	RANQLR	AGAP005960-PA,AGAP006051-PA,AGAP013449-PA	N3(Deamidated)	42	0.000809166	2	758.427	0.09	Head	2L:-:24055698-24055681;2L:+:25643244-25643261;X:-:12626533-12626516	exon=> In CDS Exon 1 of transcript AGAP005960-PA;exon=> In CDS Exon 1 of transcript AGAP006051-PA;exon=> In CDS Exon 2 of transcript AGAP013449-PA
JHU_Ag_107622	RANQLR	AGAP005960-PA,AGAP006051-PA,AGAP013449-PA	N3(Deamidated)	31	0.006396567	1	758.428	1.7	Ovary	2L:-:24055698-24055681;2L:+:25643244-25643261;X:-:12626533-12626516	exon=> In CDS Exon 1 of transcript AGAP005960-PA;exon=> In CDS Exon 1 of transcript AGAP006051-PA;exon=> In CDS Exon 2 of transcript AGAP013449-PA
JHU_Ag_96423	KVVPK	AGAP005960-PA,AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP007563-PA,AGAP006448-PD	-	30	0.000514008	1	570.397	-0.84	Head	2L:-:24056082-24056068;2L:-:32209222-32209208;2L:-:32209222-32209208;2L:-:32209222-32209208;2L:+:47707335-47707349;2L:-:32209222-32209208	exon=> In CDS Exon 1 of transcript AGAP005960-PA;exon=> In CDS Exon 2 of transcript AGAP006448-PB;exon=> In CDS Exon 2 of transcript AGAP006448-PA;exon=> In CDS Exon 1 of transcript AGAP006448-PC;exon=> In CDS Exon 19 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP006448-PD
JHU_Ag_13493	KVEVK	AGAP005960-PA,AGAP010626-PA	-	35	0.002821103	1	602.387	-0.73	Head	2L:-:24056031-24056017;3L:-:7422064-7422050	exon=> In CDS Exon 1 of transcript AGAP005960-PA;exon=> In CDS Exon 1 of transcript AGAP010626-PA
JHU_Ag_14057	STFPSFINLVR	AGAP005963-PA,AGAP005963-PB	-	55	2.68E-05	2	1280.704	3.3	Malpighian tubule	2L:-:24099645-24099613;2L:-:24099645-24099613	exon=> In CDS Exon 9 of transcript AGAP005963-PA;exon=> In CDS Exon 10 of transcript AGAP005963-PB
JHU_Ag_15133	STFPSFINLVR	AGAP005963-PA,AGAP005963-PB	-	43	0.000518804	2	1280.702	1.58	Head	2L:-:24099645-24099613;2L:-:24099645-24099613	exon=> In CDS Exon 9 of transcript AGAP005963-PA;exon=> In CDS Exon 10 of transcript AGAP005963-PB
JHU_Ag_63402	MINLKVK	AGAP005963-PA,AGAP005963-PB	M1(Oxidation), N3(Deamidated)	31	0.00476829	1	862.517	12.31	Head	2L:-:24105375-24105355;2L:-:24105375-24105355	exon=> In CDS Exon 1 of transcript AGAP005963-PA;exon=> In CDS Exon 1 of transcript AGAP005963-PB
JHU_Ag_70215	VVHLVQRPPPSAR	AGAP005963-PA,AGAP005963-PB	-	44	0.000118932	1	1455.853	-0.83	Head	2L:-:24105084-24105046;2L:-:24105084-24105046	exon=> In CDS Exon 2 of transcript AGAP005963-PA;exon=> In CDS Exon 2 of transcript AGAP005963-PB
JHU_Ag_88601	LLLTFLR	AGAP005963-PA,AGAP005963-PB	-	25	0.001007213	2	875.574	2.99	Ovary	2L:-:24099573-24099553;2L:-:24099573-24099553	exon=> In CDS Exon 9 of transcript AGAP005963-PA;exon=> In CDS Exon 10 of transcript AGAP005963-PB
JHU_Ag_39689	GYGFVDFESPSCAEGAVK	AGAP005964-PA,AGAP005964-PB	C12(Carbamidomethyl)	55	2.75E-05	2	1919.854	3.23	Head	2L:-:24129749-24129807,24129288-24129327;2L:-:24129749-24129807,24129288-24129327	exon=> In CDS Exon 4 and 3 of transcript AGAP005964-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP005964-PB

JHU_Ag_1403	DAVYCIGTEVFK	AGAP005972-PA	C5(Carbamidomethyl)	74	4.69E-07	2	1401.677	3.56	Malpighian tubule	2L:+:24336590-24336625	exon=> In CDS Exon 1 of transcript AGAP005972-PA
JHU_Ag_2852	VYSDYFEQHGPK	AGAP005972-PA	-	88	1.78E-08	1	1469.671	0.91	Malpighian tubule	2L:+:24336772-24336807	exon=> In CDS Exon 2 of transcript AGAP005972-PA
JHU_Ag_9240	ALAQVVLEQFQITEPKR	AGAP005972-PA	-	76	5.47E-08	2	1970.111	2.08	Male reproductive organs	2L:+:24337033-24337083	exon=> In CDS Exon 2 of transcript AGAP005972-PA
JHU_Ag_26810	DAVYCIGTEVFKDYLR	AGAP005972-PA	C5(Carbamidomethyl)	83	8.87E-08	1	1948.950	1.4	Male reproductive organs	2L:+:24336590-24336637	exon=> In CDS Exon 1 of transcript AGAP005972-PA
JHU_Ag_29302	LLMLSGGTPK	AGAP005972-PA	M3(Oxidation)	59	1.16E-05	2	1032.577	0.82	Malpighian tubule	2L:+:24337402-24337431	exon=> In CDS Exon 3 of transcript AGAP005972-PA
JHU_Ag_32197	ALAQVVLEQFQITEPK	AGAP005972-PA	-	81	3.66E-08	1	1814.019	7.06	Malpighian tubule	2L:+:24337033-24337080	exon=> In CDS Exon 2 of transcript AGAP005972-PA
JHU_Ag_50377	HILELSK	AGAP005972-PA	-	31	0.001520669	2	839.494	-5.28	Head	2L:+:24336293-24336313	exon=> In CDS Exon 1 of transcript AGAP005972-PA
JHU_Ag_81754	FHSLGIDALEEEIVHPALTTVHYLK	AGAP005972-PA	-	121	4.68E-12	1	2832.512	6.77	Malpighian tubule	2L:+:24336500-24336574	exon=> In CDS Exon 1 of transcript AGAP005972-PA
JHU_Ag_98200	ALAQVVLEQFQITEPK	AGAP005972-PA	-	67	1.05E-06	1	1814.011	2.76	Male reproductive organs	2L:+:24337033-24337080	exon=> In CDS Exon 2 of transcript AGAP005972-PA
JHU_Ag_108091	ALQLLR	AGAP005972-PA	-	30	0.00422727	1	713.468	0.99	Malpighian tubule	2L:+:24336413-24336430	exon=> In CDS Exon 1 of transcript AGAP005972-PA
JHU_Ag_115970	ALAQVVLEQFQITEPKR	AGAP005972-PA	-	100	2.00E-10	1	1970.119	6.23	Malpighian tubule	2L:+:24337033-24337083	exon=> In CDS Exon 2 of transcript AGAP005972-PA
JHU_Ag_106083	DRHWLFTEFPELAPAK	AGAP005973-PA	-	73	7.64E-07	1	1957.005	4.14	Ovary	2L:-:24338476-24338429	exon=> In CDS Exon 2 of transcript AGAP005973-PA
JHU_Ag_20984	SKEDEENEFSSLIAFK	AGAP005976-PA	-	66	4.05E-06	1	1872.892	2.81	Head	2L:+:24397200-24397222,24397470-24397494	exon=> In CDS Exon 3 and 4 of transcript AGAP005976-PA
JHU_Ag_62916	LLEQANNQSFIQHSPQSNR	AGAP005976-PA	-	114	5.42E-11	1	2211.094	1.93	Head	2L:+:24402333-24402389	exon=> In CDS Exon 7 of transcript AGAP005976-PA
JHU_Ag_87542	QKIKPLER	AGAP005976-PA	-	31	0.001457987	2	1011.631	0.28	Visceras	2L:+:24386920-24386943	exon=> In CDS Exon 1 of transcript AGAP005976-PA
JHU_Ag_21164	MGPNPSEGDIAK	AGAP005979-PA	M1(Oxidation)	56	2.07E-05	1	1231.564	1.3	Ovary	2L:+:24445464-24445499	exon=> In CDS Exon 3 of transcript AGAP005979-PA
JHU_Ag_47408	AQQHVETEINSFNSR	AGAP005979-PA	-	55	4.74E-05	2	1759.839	1.67	Male reproductive organs	2L:+:24445301-24445345	exon=> In CDS Exon 2 of transcript AGAP005979-PA
JHU_Ag_53740	AQQHVETEINSFNSR	AGAP005979-PA	-	93	7.49E-09	1	1759.839	1.8	Head	2L:+:24445301-24445345	exon=> In CDS Exon 2 of transcript AGAP005979-PA
JHU_Ag_55977	AQQHVETEINSFNSR	AGAP005979-PA	-	87	2.73E-08	1	1759.838	1.04	Visceras	2L:+:24445301-24445345	exon=> In CDS Exon 2 of transcript AGAP005979-PA
JHU_Ag_64588	HVAILPNMFASMR	AGAP005979-PA	M8(Oxidation), M12(Oxidation)	70	2.01E-06	1	1518.755	-0.6	Ovary	2L:+:24445545-24445583	exon=> In CDS Exon 3 of transcript AGAP005979-PA
JHU_Ag_89694	AQQHVETEINSFNSR	AGAP005979-PA	-	92	9.02E-09	1	1759.836	-0.07	Malpighian tubule	2L:+:24445301-24445345	exon=> In CDS Exon 2 of transcript AGAP005979-PA
JHU_Ag_106470	YTAEFER	AGAP005979-PA	-	41	0.000468157	1	915.423	2.13	Ovary	2L:+:24445500-24445520	exon=> In CDS Exon 3 of transcript AGAP005979-PA
JHU_Ag_107187	DSVSSMDTVQQCVER	AGAP005979-PA	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	112	3.51E-11	1	1740.756	1.78	Head	2L:+:24445235-24445279	exon=> In CDS Exon 2 of transcript AGAP005979-PA
JHU_Ag_109285	AQQHVETEINSFNSR	AGAP005979-PA	-	78	2.30E-07	1	1759.835	-0.56	Ovary	2L:+:24445301-24445345	exon=> In CDS Exon 2 of transcript AGAP005979-PA
JHU_Ag_34028	RLEGTGVTVNALHPGIVDTELMR	AGAP005980-PA	M22(Oxidation)	56	1.71E-05	1	2494.304	-1.73	Midgut	2L:+:24447181-24447249	exon=> In CDS Exon 3 of transcript AGAP005980-PA
JHU_Ag_45761	LDILINNAGVMR	AGAP005980-PA	M11(Oxidation)	60	1.40E-05	2	1344.730	-0.33	Midgut	2L:+:24446887-24446922	exon=> In CDS Exon 3 of transcript AGAP005980-PA

JHU_Ag_72547	SPLYGAQTTLYAALDPDLEK	AGAP005980-PA	-	91	1.24E-08	1	2166.099	1.09	Midgut	2L:+:24447319-24447378	exon=> In CDS Exon 3 of transcript AGAP005980-PA
JHU_Ag_104084	VVIITGANTGIGK	AGAP005980-PA	-	60	3.71E-06	2	1242.741	-0.93	Head	2L:+:24446559-24446597	exon=> In CDS Exon 2 of transcript AGAP005980-PA
JHU_Ag_7362	LELSEALCGFQK	AGAP005981-PA	C8(Carbamidomethyl)	96	3.78E-09	1	1394.700	0.73	Head	2L:-:24450155-24450120	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_8173	VVFPDSLPGEAAK	AGAP005981-PA	-	70	1.53E-06	1	1329.707	1.86	Pupa	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_11944	VITTLDKR	AGAP005981-PA	-	39	0.000741058	2	945.574	1.68	Salivary gland	2L:-:24450119-24450096	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_12056	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	78	1.18E-07	1	3373.736	-2.09	Head	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_12288	AISMAYEVLSDPEK	AGAP005981-PA	M4(Oxidation)	90	1.74E-08	2	1552.758	1.25	Head	2L:-:24450812-24450771	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_12539	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	83	3.60E-08	1	3373.758	4.42	Ovary	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_16645	SLVITSMPGEVIK	AGAP005981-PA	M7(Oxidation)	82	5.42E-08	2	1389.766	-0.04	Male reproductive organs	2L:-:24450095-24450057	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_17178	NAYEEDEEDGGTPGVR	AGAP005981-PA	-	124	1.76E-12	2	1737.720	-0.08	Male reproductive organs	2L:-:24449819-24449772	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_18056	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	83	3.81E-08	1	3373.745	0.62	Salivary gland	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_18943	VKETGFYDVLGVKPGCSPEDLK	AGAP005981-PA	C16(Carbamidomethyl)	80	1.21E-07	1	2438.240	5.02	Head	2L:-:24450947-24450882	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_19501	LELSEALCGFQK	AGAP005981-PA	C8(Carbamidomethyl)	82	9.15E-08	2	1394.697	-1.29	Male reproductive organs	2L:-:24450155-24450120	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_21048	ETGFYDVLGVKPGCSPEDLKK	AGAP005981-PA	C14(Carbamidomethyl)	53	6.90E-05	1	2339.164	2.23	Head	2L:-:24450941-24450879	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_21826	YHPDKNPNEGER	AGAP005981-PA	-	62	7.07E-06	1	1455.662	0.25	Salivary gland	2L:-:24450854-24450819	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_22800	AISMAYEVLSDPEKK	AGAP005981-PA	M4(Oxidation)	44	0.000546894	2	1696.846	-0.25	Midgut	2L:-:24450812-24450768	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_23391	LELSEALCGFQK	AGAP005981-PA	C8(Carbamidomethyl)	60	1.55E-05	2	1394.698	-0.15	Midgut	2L:-:24450155-24450120	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_24658	VHHIMPGFMQQNKVPCR	AGAP005981-PA	M5(Oxidation), M9(Oxidation), C16(Carbamidomethyl)	51	0.000108054	1	2111.012	0.9	Male reproductive organs	2L:-:24450461-24450411	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_25570	LELSEALCGFQK	AGAP005981-PA	C8(Carbamidomethyl)	83	7.17E-08	2	1394.703	3.53	Larva	2L:-:24450155-24450120	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_28800	ILDVHIEK	AGAP005981-PA	-	50	4.13E-05	1	966.560	-1.67	Ovary	2L:-:24450326-24450303	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_29984	LTVTLEELYSGATR	AGAP005981-PA	-	55	3.20E-05	2	1552.825	1.76	Salivary gland	2L:-:24450614-24450573	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_32355	NAYEEDEEDGGTPGVR	AGAP005981-PA	-	129	5.63E-13	2	1737.721	0.83	Malpighian tubule	2L:-:24449819-24449772	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_32836	SVICDGCDGIGGKR	AGAP005981-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	63	5.20E-06	1	1493.684	0.02	Malpighian tubule	2L:-:24450554-24450513	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_32891	IVFSGEGDQEPGLQPGDIVIALEERPHPVFKR	AGAP005981-PA	-	96	1.14E-09	1	3529.861	4.89	Malpighian tubule	2L:-:24450281-24450186	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_35164	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	125	2.14E-12	1	3373.764	6.36	Larva	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_37146	YHPDKNPNEGER	AGAP005981-PA	-	40	0.001057222	1	1455.661	0.05	Malpighian tubule	2L:-:24450854-24450819	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_38617	ETGFYDVLGVKPGCSPEDLK	AGAP005981-PA	C14(Carbamidomethyl)	50	0.00014729	1	2211.071	3.21	Head	2L:-:24450941-24450882	exon=> In CDS Exon 1 of transcript AGAP005981-PA

JHU_Ag_39232	ILDVHIEK	AGAP005981-PA	-	44	0.000172764	2	966.562	-0.03	Head	2L:-:24450326-24450303	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_39816	SLVITSMPGEVIK	AGAP005981-PA	M7(Oxidation)	85	2.88E-08	2	1389.767	0.48	Salivary gland	2L:-:24450095-24450057	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_47622	IVFSGEGDQEPGLQPGDIVIALEERPHPVFKR	AGAP005981-PA	-	42	0.000363081	1	3529.849	1.29	Ovary	2L:-:24450281-24450186	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_47638	LTVTLEELYSGATRK	AGAP005981-PA	-	62	4.38E-06	2	1680.918	0.54	Male reproductive organs	2L:-:24450614-24450570	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_47695	ACQGQGEVFDEK	AGAP005981-PA	C2(Carbamidomethyl)	29	0.008019573	1	1367.589	-0.29	Head	2L:-:24450410-24450375	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_51998	SLVITSMPGEVIK	AGAP005981-PA	M7(Oxidation)	57	1.66E-05	2	1389.768	1.19	Malpighian tubule	2L:-:24450095-24450057	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_53413	AISMAYEVLSDPEKK	AGAP005981-PA	M4(Oxidation)	92	8.23E-09	1	1696.849	1.33	Male reproductive organs	2L:-:24450812-24450768	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_53675	VHHIMPGFMQQNK	AGAP005981-PA	M5(Oxidation), M9(Oxidation)	60	1.55E-05	1	1598.762	3.62	Larva	2L:-:24450461-24450423	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_54440	ACQGQGEVFDEK	AGAP005981-PA	C2(Carbamidomethyl)	77	1.22E-07	2	1367.589	-0.38	Salivary gland	2L:-:24450410-24450375	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_56620	SVICDGCDGIGGK	AGAP005981-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	49	8.15E-05	2	1337.582	-0.12	Malpighian tubule	2L:-:24450554-24450516	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_61823	SVICDGCDGIGGK	AGAP005981-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	50	6.04E-05	2	1337.584	0.97	Ovary	2L:-:24450554-24450516	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_67971	LELSEALCGFQK	AGAP005981-PA	C8(Carbamidomethyl)	93	7.57E-09	2	1394.704	3.7	Salivary gland	2L:-:24450155-24450120	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_68088	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	105	1.99E-10	1	3373.755	3.66	Malpighian tubule	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_68568	VVFPDSLPGEAAK	AGAP005981-PA	-	47	0.000291433	2	1329.705	-0.16	Male reproductive organs	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_70220	VVFPDSLPGEAAK	AGAP005981-PA	-	58	2.44E-05	1	1329.710	3.51	Larva	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_72057	VVFPDSLPGEAAK	AGAP005981-PA	-	66	3.77E-06	1	1329.708	2.04	Malpighian tubule	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_77287	VVFPDSLPGEAAK	AGAP005981-PA	-	58	1.99E-05	2	1329.705	-0.34	Midgut	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_77530	VITTLDKR	AGAP005981-PA	-	41	0.000396637	2	945.573	0.06	Malpighian tubule	2L:-:24450119-24450096	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_77599	VVFPDSLPGEAAK	AGAP005981-PA	-	43	0.000676922	2	1329.705	0.21	Salivary gland	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_78820	SVICDGCDGIGGK	AGAP005981-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	69	8.69E-07	2	1337.581	-0.85	Head	2L:-:24450554-24450516	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_80307	SLVITSMPGEVIK	AGAP005981-PA	M7(Oxidation)	74	3.10E-07	2	1389.770	3.12	Larva	2L:-:24450095-24450057	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_84787	VVFPDSLPGEAAK	AGAP005981-PA	-	62	8.45E-06	1	1329.703	-1.35	Head	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_85499	SLVITSMPGEVIK	AGAP005981-PA	M7(Oxidation)	77	1.34E-07	2	1389.770	3.21	Midgut	2L:-:24450095-24450057	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_85863	NAYEEDEEDGGTPGVR	AGAP005981-PA	-	139	5.65E-14	2	1737.722	0.97	Head	2L:-:24449819-24449772	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_86146	SLVITSMPGEVIK	AGAP005981-PA	M7(Oxidation)	89	1.09E-08	1	1389.768	1.89	Ovary	2L:-:24450095-24450057	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_86617	SVICDGCDGIGGKR	AGAP005981-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	49	0.000151469	1	1493.683	-0.22	Male reproductive organs	2L:-:24450554-24450513	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_86641	ETGFYDVLGVKPGCSPEDLKK	AGAP005981-PA	C14(Carbamidomethyl)	66	3.33E-06	1	2339.169	4.42	Ovary	2L:-:24450941-24450879	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_89324	LTVTLEELYSGATR	AGAP005981-PA	-	94	4.29E-09	2	1552.826	2.86	Pupa	2L:-:24450614-24450573	exon=> In CDS Exon 1 of transcript AGAP005981-PA

JHU_Ag_89471	ILDVHIEK	AGAP005981-PA	-	46	0.000119799	1	966.561	-0.47	Male reproductive organs	2L:-:24450326-24450303	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_90860	NAYEEDEEDGGTPGVR	AGAP005981-PA	-	81	3.44E-08	2	1737.721	0.55	Salivary gland	2L:-:24449819-24449772	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_91582	LTVTLEELYSGATR	AGAP005981-PA	-	90	9.02E-09	1	1552.824	1.45	Ovary	2L:-:24450614-24450573	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_91755	VVFPDSLPGEAAK	AGAP005981-PA	-	62	8.31E-06	1	1329.709	3.05	Ovary	2L:-:24449969-24449931	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_93912	ILDVHIEK	AGAP005981-PA	-	49	6.19E-05	1	966.562	0.23	Malpighian tubule	2L:-:24450326-24450303	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_96406	NAYEEDEEDGGTPGVR	AGAP005981-PA	-	114	1.92E-11	2	1737.726	3.22	Ovary	2L:-:24449819-24449772	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_97030	LELSEALCGFQK	AGAP005981-PA	C8(Carbamidomethyl)	87	2.79E-08	2	1394.705	4.67	Ovary	2L:-:24450155-24450120	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_103435	LLEQYLPPKPAEEIPQDVEMVELVELDPEQESR	AGAP005981-PA	M20(Oxidation)	38	0.001529394	1	3878.934	2.13	Male reproductive organs	2L:-:24449930-24449832	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_106225	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	106	1.41E-10	1	3373.776	9.96	Midgut	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_107221	LTVTLEELYSGATRK	AGAP005981-PA	-	38	0.001041159	1	1680.923	3.95	Ovary	2L:-:24450614-24450570	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_107679	LTVTLEELYSGATR	AGAP005981-PA	-	93	5.47E-09	2	1552.827	3.41	Head	2L:-:24450614-24450573	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_110801	IVFSGEGDQEPGLQPGDIVIALEERPHPVFKR	AGAP005981-PA	-	116	1.25E-11	1	3529.843	-0.37	Male reproductive organs	2L:-:24450281-24450186	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_110969	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	65	2.34E-06	1	3373.763	5.85	Visceras	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_112257	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	94	2.73E-09	1	3373.749	1.87	Pupa	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_116551	IVFSGEGDQEPGLQPGDIVIALEERPHPVFK	AGAP005981-PA	-	62	5.05E-06	1	3373.735	-2.2	Male reproductive organs	2L:-:24450281-24450189	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_116804	LTVTLEELYSGATRK	AGAP005981-PA	-	37	0.001107942	1	1680.923	3.73	Malpighian tubule	2L:-:24450614-24450570	exon=> In CDS Exon 1 of transcript AGAP005981-PA
JHU_Ag_19585	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	88	2.49E-08	1	1236.610	-0.85	Pupa	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_19957	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	89	1.89E-08	1	1236.612	1.32	Malpighian tubule	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_20800	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	82	1.02E-07	1	1236.612	1.22	Ovary	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_27228	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	68	2.63E-06	2	1236.614	2.8	Salivary gland	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_50096	KAIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	59	1.76E-05	2	1364.706	0.03	Male reproductive organs	2L:-:24450770-24450732;X:+:91434-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_55383	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	78	2.58E-07	1	1236.613	2.21	Male reproductive organs	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_59850	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	81	1.34E-07	1	1236.612	0.92	Midgut	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_60776	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	72	1.05E-06	1	1236.612	0.83	Head	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA

JHU_Ag_116501	AIYDEGGEAAIK	AGAP005981-PA,AGAP000008-PA	-	36	0.003519 77	2	1236.610	-0.56	Visceras	2L:-:24450767-24450732;X:+:91437-91472	exon=> In CDS Exon 1 of transcript AGAP005981-PA;exon=> In CDS Exon 1 of transcript AGAP000008-PA
JHU_Ag_6089	IYNCVTGNDNPISYQK	AGAP005984-PA	C4(Carbamidomethyl)	85	4.26E-08	1	1885.878	1.55	Malpighian tubule	2L:+:24524861-24524903,24524988-24524992	exon=> In CDS Exon 4 and 5 of transcript AGAP005984-PA
JHU_Ag_75732	HIANEPLENLDEAIK	AGAP005984-PA	-	79	1.86E-07	2	1705.882	3.6	Head	2L:+:24525501-24525545	exon=> In CDS Exon 7 of transcript AGAP005984-PA
JHU_Ag_108719	HIANEPLENLDEAIKR	AGAP005984-PA	-	49	0.000169 878	1	1861.978	0.81	Malpighian tubule	2L:+:24525501-24525548	exon=> In CDS Exon 7 of transcript AGAP005984-PA
JHU_Ag_115409	FATVIEYFANGR	AGAP005984-PA	-	63	8.50E-06	2	1387.699	-1.35	Head	2L:+:24525266-24525301	exon=> In CDS Exon 6 of transcript AGAP005984-PA
JHU_Ag_109291	LGEFITEQVISPR	AGAP005988-PA	-	56	3.32E-05	2	1488.805	-0.27	Midgut	2L:+:24561527-24561559,24561627-24561632	exon=> In CDS Exon 4 and 5 of transcript AGAP005988-PA
JHU_Ag_21504	GKENADSFLTIR	AGAP005990-PA	-	44	0.000579 295	1	1350.701	-0.04	Male reproductive organs	2L:-:24567488-24567453	exon=> In CDS Exon 2 of transcript AGAP005990-PA
JHU_Ag_69974	GLDFIQEFLKR	AGAP005990-PA	-	63	4.45E-06	1	1365.753	0.65	Malpighian tubule	2L:-:24567365-24567570,24566886-24567156	exon=> In CDS Exon 3 and 2 of transcript AGAP005990-PA
JHU_Ag_73176	GLDFIQEFLKR	AGAP005990-PA	-	30	0.008218 563	1	1365.751	-1.32	Midgut	2L:-:24567365-24567570,24566886-24567156	exon=> In CDS Exon 3 and 2 of transcript AGAP005990-PA
JHU_Ag_80714	EKVEILEK	AGAP005990-PA	-	45	0.000304 394	2	987.581	9.32	Head	2L:-:24567518-24567495	exon=> In CDS Exon 2 of transcript AGAP005990-PA
JHU_Ag_116739	SVEKFDLQK	AGAP005990-PA	N-Term(Acetyl)	55	4.90E-05	1	1135.602	1.93	Malpighian tubule	2L:-:24567765-24567739	exon=> In CDS Exon 1 of transcript AGAP005990-PA
JHU_Ag_1843	VLIDGPTSGVPR	AGAP005991-PA	-	51	4.88E-05	2	1210.683	3.06	Larva	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_3499	FSMNDFDR	AGAP005991-PA	-	53	1.49E-05	2	1031.424	-0.65	Visceras	2L:+:24569574-24569597	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_7683	LVAIVNVIDQNR	AGAP005991-PA	-	72	2.24E-07	2	1353.788	2.18	Larva	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_8945	ERNAIVSAQYK	AGAP005991-PA	-	34	0.004879 353	2	1278.685	3.71	Larva	2L:+:24569622-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_9997	FSMNDFDR	AGAP005991-PA	-	38	0.000419 733	2	1031.426	1.24	Head	2L:+:24569574-24569597	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_12342	LVAIVNVIDQNR	AGAP005991-PA	-	100	3.80E-10	2	1353.791	4.79	Head	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_14358	FSMNDFDR	AGAP005991-PA	-	44	0.000106 899	1	1031.426	0.48	Midgut	2L:+:24569574-24569597	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_14394	NAIVSAQYKK	AGAP005991-PA	-	66	1.82E-06	1	1121.632	0.78	Malpighian tubule	2L:+:24569628-24569657	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_14811	VVVSNGMLFGKPR	AGAP005991-PA	-	78	1.22E-07	2	1403.783	0.02	Visceras	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_18222	NAIVSAQYK	AGAP005991-PA	-	45	0.000419 616	1	993.537	0.27	Visceras	2L:+:24569628-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_19071	VVVSNGMLFGKPR	AGAP005991-PA	M7(Oxidation)	56	1.85E-05	2	1403.785	1.76	Malpighian tubule	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_20946	VVVSNGMLFGKPR	AGAP005991-PA	N5(Deamidated), M7(Oxidation)	39	0.001596 545	1	1420.762	0.16	Salivary gland	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_21084	VLIDGPTSGVPR	AGAP005991-PA	-	67	1.23E-06	2	1210.675	-3.29	Midgut	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_21539	QQYAVNHLHLTK	AGAP005991-PA	-	76	2.56E-07	1	1451.773	-1.66	Ovary	2L:+:24569110-24569145	exon=> In CDS Exon 3 of transcript AGAP005991-PA

JHU_Ag_22130	NAIVSAQYK	AGAP005991-PA	-	54	4.92E-05	1	993.540	3.6	Larva	2L:+:24569628-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_22645	LVAIVNVIDQNR	AGAP005991-PA	-	86	1.15E-08	2	1353.785	0.19	Male reproductive organs	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_23191	NAIVSAQYKK	AGAP005991-PA	-	55	2.59E-05	1	1121.630	-1.28	Midgut	2L:+:24569628-24569657	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_25701	VVVSNGMLFGKPR	AGAP005991-PA	N5(Deamidated), M7(Oxidation),M7(Oxidation)	42	0.000822019	1	1420.764	1.79	Larva	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_30739	VLIDGPTSGVPR	AGAP005991-PA	-	48	0.000100729	2	1210.681	1.25	Malpighian tubule	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_32401	KPEDAAK	AGAP005991-PA	-	36	0.002669368	2	758.405	1.05	Ovary	2L:+:24569742-24569762	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_38888	QQYAVNHLHLTK	AGAP005991-PA	-	68	1.64E-06	1	1451.773	-1.82	Head	2L:+:24569110-24569145	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_38955	QQYAVNHLHLTK	AGAP005991-PA	-	77	2.16E-07	2	1451.775	-0.31	Midgut	2L:+:24569110-24569145	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_39042	FSMNDFDRFK	AGAP005991-PA	M3(Oxidation)	59	1.17E-05	1	1322.582	-0.96	Midgut	2L:+:24569574-24569603	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_39376	NAIVSAQYKK	AGAP005991-PA	-	40	0.00092786	1	1121.630	-1.07	Head	2L:+:24569628-24569657	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_41691	LVAIVNVIDQNR	AGAP005991-PA	-	86	7.96E-09	2	1353.789	2.9	Ovary	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_45195	NAIVSAQYKK	AGAP005991-PA	-	66	1.83E-06	1	1121.631	-0.2	Male reproductive organs	2L:+:24569628-24569657	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_46291	VLIDGPTSGVPR	AGAP005991-PA	-	45	0.000194158	2	1210.683	3.16	Head	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_47332	LVAIVNVIDQNR	AGAP005991-PA	-	90	3.58E-09	2	1353.788	2	Pupa	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_50367	NAIVSAQYK	AGAP005991-PA	-	37	0.002524465	1	993.539	2.91	Head	2L:+:24569628-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_50493	NAIVSAQYKK	AGAP005991-PA	-	70	7.92E-07	1	1121.635	3.61	Larva	2L:+:24569628-24569657	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_55298	FSMNDFDRFK	AGAP005991-PA	M3(Oxidation)	51	6.55E-05	1	1322.584	0.34	Male reproductive organs	2L:+:24569574-24569603	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_59022	VVVSNGMLFGKPR	AGAP005991-PA	N5(Deamidated), M7(Oxidation),M7(Oxidation)	107	2.19E-10	1	1419.776	-1.55	Midgut	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_63815	VRFPHTAR	AGAP005991-PA	-	37	0.001208485	1	983.555	1.91	Head	2L:+:24569152-24569175	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_64871	QQYAVNHLHLTK	AGAP005991-PA	-	82	8.04E-08	1	1451.776	0.28	Visceras	2L:+:24569110-24569145	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_65401	FSMNDFDR	AGAP005991-PA	M3(Oxidation)	59	2.70E-06	2	1047.420	0.36	Ovary	2L:+:24569574-24569597	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_65435	VVVSNGMLFGKPR	AGAP005991-PA	M7(Oxidation)	49	9.94E-05	2	1403.787	2.98	Head	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_70128	FSMNDFDRFK	AGAP005991-PA	-	56	2.13E-05	1	1306.589	0.47	Visceras	2L:+:24569574-24569603	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_70142	QQYAVNHLHLTK	AGAP005991-PA	-	70	1.07E-06	1	1451.776	0.7	Pupa	2L:+:24569110-24569145	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_71468	KGTKPLPSK	AGAP005991-PA	-	62	2.49E-06	2	955.594	0.52	Male reproductive organs	2L:+:24569706-24569732	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_71848	VLIDGPTSGVPR	AGAP005991-PA	-	71	4.56E-07	1	1210.679	0.34	Salivary gland	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_72296	LVAIVNVIDQNR	AGAP005991-PA	-	95	1.50E-09	2	1353.786	0.55	Midgut	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA

JHU_Ag_73656	VLIDGPTSGVPR	AGAP005991-PA	-	88	8.57E-09	1	1210.680	1.04	Visceras	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_79685	QQYAVNHLHLTK	AGAP005991-PA	-	41	0.000595878	2	1451.787	7.76	Malpighian tubule	2L:+:24569110-24569145	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_80697	LVAIVNVIDQNR	AGAP005991-PA	-	100	4.06E-10	2	1353.787	1.73	Visceras	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_81409	SSFTRFVETGR	AGAP005991-PA	N-Term(Acetyl)	50	0.000142978	1	1328.664	3.36	Malpighian tubule	2L:+:24568634-24568666	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_81550	NAIVSAQYK	AGAP005991-PA	-	52	7.64E-05	1	993.536	-0.02	Midgut	2L:+:24569628-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_82657	NAIVSAQYK	AGAP005991-PA	-	53	6.54E-05	1	993.536	-0.02	Pupa	2L:+:24569628-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_88401	VVVSNGMLFGKPR	AGAP005991-PA	N5(Deamidated), M7(Oxidation),M7(Oxidation)	84	5.32E-08	1	1420.762	-0.18	Male reproductive organs	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_90394	LVAIVNVIDQNR	AGAP005991-PA	-	83	2.34E-08	2	1353.786	0.55	Salivary gland	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_90532	LVAIVNVIDQNR	AGAP005991-PA	-	87	7.25E-09	2	1353.790	3.98	Malpighian tubule	2L:+:24568703-24568738	exon=> In CDS Exon 2 of transcript AGAP005991-PA
JHU_Ag_90910	ERNAIVSAQYK	AGAP005991-PA	-	40	0.001204496	1	1278.684	2.85	Head	2L:+:24569622-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_92367	ERNAIVSAQYK	AGAP005991-PA	-	46	0.000344279	1	1278.680	-0.21	Visceras	2L:+:24569622-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_95728	KGTKPLPSK	AGAP005991-PA	-	48	5.94E-05	2	955.594	0.78	Ovary	2L:+:24569706-24569732	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_96394	FSMNDFDR	AGAP005991-PA	M3(Oxidation)	44	7.09E-05	1	1047.419	-1.15	Male reproductive organs	2L:+:24569574-24569597	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_98299	VVVSNGMLFGKPR	AGAP005991-PA	N5(Deamidated), M7(Oxidation),M7(Oxidation)	75	3.31E-07	1	1419.777	-0.69	Ovary	2L:+:24569667-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_107862	KVVVSNGMLFGKPR	AGAP005991-PA	N6(Deamidated), M8(Oxidation)	61	5.07E-06	1	1548.857	0.34	Male reproductive organs	2L:+:24569664-24569705	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_109377	VLIDGPTSGVPR	AGAP005991-PA	-	63	2.87E-06	1	1210.678	-0.57	Ovary	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_109857	VLIDGPTSGVPR	AGAP005991-PA	-	79	7.02E-08	2	1210.680	0.84	Pupa	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_111301	VLIDGPTSGVPR	AGAP005991-PA	-	71	4.15E-07	1	1210.681	1.65	Male reproductive organs	2L:+:24569074-24569109	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_113688	ERNAIVSAQYK	AGAP005991-PA	-	77	2.55E-07	1	1278.679	-1.07	Midgut	2L:+:24569622-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_114103	VRFPHTAR	AGAP005991-PA	-	32	0.004096642	2	983.557	3.65	Ovary	2L:+:24569152-24569175	exon=> In CDS Exon 3 of transcript AGAP005991-PA
JHU_Ag_114685	NAIVSAQYK	AGAP005991-PA	-	37	0.002945321	1	993.535	-1.57	Ovary	2L:+:24569628-24569654	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_115158	FSMNDFDRFK	AGAP005991-PA	M3(Oxidation)	54	3.40E-05	1	1322.583	-0.11	Ovary	2L:+:24569574-24569603	exon=> In CDS Exon 4 of transcript AGAP005991-PA
JHU_Ag_75014	IGAAVLGSEASYCR	AGAP005992-PA	C13(Carbamidomethyl)	50	0.000124616	2	1453.707	-2.07	Male reproductive organs	2L:-:24570917-24571414,24570504-24570807	exon=> In CDS Exon 6 and 5 of transcript AGAP005992-PA
JHU_Ag_38394	DLIDPPAHQPYDDHHVR	AGAP005993-PA	-	31	0.011229554	1	2024.953	-2.3	Head	2L:-:24578034-24577984	exon=> In CDS Exon 4 of transcript AGAP005993-PA
JHU_Ag_52993	DGSFGYIDPFGIR	AGAP005993-PA	-	63	6.84E-06	1	1443.695	3.03	Head	2L:-:24577833-24577795	exon=> In CDS Exon 4 of transcript AGAP005993-PA
JHU_Ag_4815	VVLVYNNINQR	AGAP005994-PA	-	67	1.88E-06	1	1331.742	-0.8	Male reproductive organs	2L:-:24581385-24581353	exon=> In CDS Exon 1 of transcript AGAP005994-PA

JHU_Ag_70964	VSDYLNELKR	AGAP005994-PA	-	58	1.87E-05	1	1236.659	0.44	Male reproductive organs	2L:-:24581328-24581299	exon=> In CDS Exon 1 of transcript AGAP005994-PA
JHU_Ag_64799	ANEFGYQPHIK	AGAP005995-PA	-	68	2.88E-06	1	1303.638	-3.47	Head	2L:-:24600986-24600954	exon=> In CDS Exon 4 of transcript AGAP005995-PA
JHU_Ag_89529	VSPEETPREETEK	AGAP005995-PA	-	57	2.68E-05	1	1530.730	0.82	Head	2L:-:24600944-24600906	exon=> In CDS Exon 4 of transcript AGAP005995-PA
JHU_Ag_7614	KLGDDVEALVVR	AGAP005996-PA	-	86	1.39E-08	1	1313.749	4.88	Larva	2L:-:24610763-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_13774	LGDDVEALVVR	AGAP005996-PA	-	84	3.99E-08	1	1185.654	5.3	Malpighian tubule	2L:-:24610760-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_18104	KLGDDVEALVVR	AGAP005996-PA	-	85	2.05E-08	1	1313.745	2.27	Malpighian tubule	2L:-:24610763-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_32963	FAFETSDGHQR	AGAP005996-PA	-	39	0.001579831	2	1294.587	4.68	Pupa	2L:-:24611302-24611425,24610623-24610785	exon=> In CDS Exon 2 and 1 of transcript AGAP005996-PA
JHU_Ag_49453	KLGDDVEALVVR	AGAP005996-PA	-	40	0.000700231	3	1313.744	1.13	Head	2L:-:24610763-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_54710	YENDNIGVDGYK	AGAP005996-PA	-	82	5.40E-08	2	1386.623	3.96	Larva	2L:-:24611338-24611303	exon=> In CDS Exon 1 of transcript AGAP005996-PA
JHU_Ag_71323	LGDDVEALVVR	AGAP005996-PA	-	86	2.51E-08	2	1185.649	1.18	Pupa	2L:-:24610760-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_74218	FAFETSDGHQR	AGAP005996-PA	-	85	3.96E-08	1	1294.585	2.89	Larva	2L:-:24611302-24611425,24610623-24610785	exon=> In CDS Exon 2 and 1 of transcript AGAP005996-PA
JHU_Ag_87753	KLGDDVEALVVR	AGAP005996-PA	-	39	0.000698032	1	1313.749	5.15	Pupa	2L:-:24610763-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_91646	LGDDVEALVVR	AGAP005996-PA	-	98	1.55E-09	1	1185.652	3.86	Larva	2L:-:24610760-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_104676	YENDNIGVDGYK	AGAP005996-PA	-	82	5.47E-08	2	1386.618	0.88	Pupa	2L:-:24611338-24611303	exon=> In CDS Exon 1 of transcript AGAP005996-PA
JHU_Ag_108570	KLGDDVEALVVR	AGAP005996-PA	-	98	1.13E-09	1	1313.739	-2.84	Midgut	2L:-:24610763-24610728	exon=> In CDS Exon 2 of transcript AGAP005996-PA
JHU_Ag_109022	FAFETSDGHQR	AGAP005996-PA	-	63	6.72E-06	1	1294.589	6.1	Malpighian tubule	2L:-:24611302-24611425,24610623-24610785	exon=> In CDS Exon 2 and 1 of transcript AGAP005996-PA
JHU_Ag_5216	FAFESDDGIAR	AGAP005997-PA	-	71	7.25E-07	1	1227.568	3.4	Larva	2L:-:24616149-24616260,24615846-24616023	exon=> In CDS Exon 2 and 1 of transcript AGAP005997-PA
JHU_Ag_47069	TEEEGMNVQGNFK	AGAP005997-PA	M6(Oxidation)	74	2.55E-07	1	1498.654	3.88	Larva	2L:-:24616001-24615963	exon=> In CDS Exon 2 of transcript AGAP005997-PA
JHU_Ag_61771	YENVQDGDASYK	AGAP005997-PA	-	79	5.72E-08	1	1388.599	2.01	Larva	2L:-:24616185-24616150	exon=> In CDS Exon 1 of transcript AGAP005997-PA
JHU_Ag_99581	FVADDGKEYVVQYVADSQGFHPEGDHIPK	AGAP005997-PA	-	89	1.94E-08	1	3247.553	6.21	Larva	2L:-:24615962-24615876	exon=> In CDS Exon 2 of transcript AGAP005997-PA
JHU_Ag_1428	YENDNLGVDGYNFQYETSNNINR	AGAP005998-PA	-	137	1.46E-13	1	2739.187	-1.82	Head	2L:-:24621807-24621891,24621452-24621614	exon=> In CDS Exon 2 and 1 of transcript AGAP005998-PA
JHU_Ag_21985	NFGDDVAALVVR	AGAP005998-PA	-	81	1.43E-07	2	1275.671	1.71	Visceras	2L:-:24621592-24621557	exon=> In CDS Exon 2 of transcript AGAP005998-PA
JHU_Ag_34284	GSYSYTGPDGQVYTVNYVADENGFQPEAPHIPR	AGAP005998-PA	Q25(Deamidated),Q11(Deamidated),N22(Deamidated),N16(Deamidated)	170	8.85E-17	1	3628.664	0.76	Head	2L:-:24621556-24621458	exon=> In CDS Exon 2 of transcript AGAP005998-PA
JHU_Ag_76280	NFGDDVAALVVR	AGAP005998-PA	-	102	1.06E-09	1	1275.669	0.08	Midgut	2L:-:24621592-24621557	exon=> In CDS Exon 2 of transcript AGAP005998-PA

JHU_Ag_94462	NFGDDVAALVVR	AGAP005998-PA	N1(Deamidated)	106	5.00E-10	1	1276.653	0.08	Head	2L:-:24621592-24621557	exon=> In CDS Exon 2 of transcript AGAP005998-PA
JHU_Ag_105310	AETAELKNFGDDVAALVVR	AGAP005998-PA	-	73	7.20E-07	1	2018.051	-2.22	Head	2L:-:24621613-24621557	exon=> In CDS Exon 2 of transcript AGAP005998-PA
JHU_Ag_106911	AETAELK	AGAP005998-PA	-	43	0.001002382	2	761.403	-0.99	Head	2L:-:24621613-24621593	exon=> In CDS Exon 2 of transcript AGAP005998-PA
JHU_Ag_112190	NFGDDVAALVVR	AGAP005998-PA	-	94	6.80E-09	1	1275.675	4.77	Larva	2L:-:24621592-24621557	exon=> In CDS Exon 2 of transcript AGAP005998-PA
JHU_Ag_116722	GSYSYTGPDGQVYTVNYVADENGFQPEAPHIPR	AGAP005998-PA	Q25(Deamidated),N22(Deamidated)	144	3.88E-14	1	3629.677	8.73	Larva	2L:-:24621556-24621458	exon=> In CDS Exon 2 of transcript AGAP005998-PA
JHU_Ag_4264	YENDHNGIDGYNFQFDTSNGIQR	AGAP005999-PA	N19(Deamidated),Q22(Deamidated)	125	1.75E-12	1	2704.170	1.37	Head	2L:-:24624493-24624425	exon=> In CDS Exon 1 of transcript AGAP005999-PA
JHU_Ag_36859	QFDDENAALVVR	AGAP005999-PA	-	87	4.52E-08	2	1376.682	0.83	Head	2L:-:24624403-24624368	exon=> In CDS Exon 1 of transcript AGAP005999-PA
JHU_Ag_37884	QFDDENAALVVR	AGAP005999-PA	-	39	0.002651305	2	1376.682	1.01	Pupa	2L:-:24624403-24624368	exon=> In CDS Exon 1 of transcript AGAP005999-PA
JHU_Ag_82271	GSYSFTGDDGQVYTVNYVADENGFQPEAPHLPK	AGAP005999-PA	Q25(Deamidated),N16(Deamidated),N22(Deamidated)	177	2.22E-17	1	3602.644	2.67	Head	2L:-:24624367-24624269	exon=> In CDS Exon 1 of transcript AGAP005999-PA
JHU_Ag_719	FEFATSDGTSR	AGAP006001-PA	-	71	4.81E-07	2	1217.542	-0.99	Head	2L:-:24626670-24626790,24626409-24626568	exon=> In CDS Exon 3 and 2 of transcript AGAP006001-PA
JHU_Ag_1450	TEEAELRNPGTDNEAIAVR	AGAP006001-PA	-	167	2.84E-16	1	2085.017	-1.65	Midgut	2L:-:24626567-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_3109	TEEAELRNPGTDNEAIAVR	AGAP006001-PA	-	162	9.11E-16	1	2085.020	-0.6	Head	2L:-:24626567-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_19270	YSSENIGIDGYR	AGAP006001-PA	-	83	5.34E-08	1	1373.632	-0.97	Midgut	2L:-:24626706-24626671	exon=> In CDS Exon 2 of transcript AGAP006001-PA
JHU_Ag_20000	GSYSYTGPDGTVYVINYVADENGFQPEGAHIPK	AGAP006001-PA	Q25(Deamidated),N16(Deamidated),N22(Deamidated)	152	8.99E-15	1	3545.655	1.55	Head	2L:-:24626510-24626412	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_24758	YSSENIGIDGYRFEFATSDGTSR	AGAP006001-PA	-	131	1.02E-12	1	2572.165	2.32	Malpighian tubule	2L:-:24626706-24626790,24626409-24626568	exon=> In CDS Exon 3 and 2 of transcript AGAP006001-PA
JHU_Ag_27931	YSSENIGIDGYR	AGAP006001-PA	-	87	1.80E-08	1	1373.637	2.67	Visceras	2L:-:24626706-24626671	exon=> In CDS Exon 2 of transcript AGAP006001-PA
JHU_Ag_29535	NAEILR	AGAP006001-PA	-	40	0.001077523	2	715.410	-0.31	Head	2L:-:24626724-24626707	exon=> In CDS Exon 2 of transcript AGAP006001-PA
JHU_Ag_30527	FEFATSDGTSR	AGAP006001-PA	-	35	0.002270256	2	1217.547	2.92	Malpighian tubule	2L:-:24626670-24626790,24626409-24626568	exon=> In CDS Exon 3 and 2 of transcript AGAP006001-PA
JHU_Ag_49930	TEEAELRNPGTDNEAIAVR	AGAP006001-PA	-	66	4.64E-06	1	2085.045	11.78	Ovary	2L:-:24626567-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_53280	YSSENIGIDGYR	AGAP006001-PA	-	89	1.30E-08	1	1373.633	0	Head	2L:-:24626706-24626671	exon=> In CDS Exon 2 of transcript AGAP006001-PA
JHU_Ag_56370	NPGTDNEAIAVR	AGAP006001-PA	-	63	5.95E-06	1	1256.624	1.03	Malpighian tubule	2L:-:24626546-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_60621	GSYSYTGPDGTVYVINYVADENGFQPEGAHIPK	AGAP006001-PA	-	99	1.94E-09	1	3545.655	1.4	Malpighian tubule	2L:-:24626510-24626412	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_70133	TEEAELRNPGTDNEAIAVR	AGAP006001-PA	-	140	1.65E-13	1	2085.025	1.77	Visceras	2L:-:24626567-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_75107	FEFATSDGTSR	AGAP006001-PA	-	61	5.13E-06	2	1217.545	1.42	Visceras	2L:-:24626670-24626790,24626409-24626568	exon=> In CDS Exon 3 and 2 of transcript AGAP006001-PA
JHU_Ag_84171	NPGTDNEAIAVR	AGAP006001-PA	-	68	2.05E-06	2	1256.622	-1.2	Visceras	2L:-:24626546-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA

JHU_Ag_89969	GSYSYTGPDGTVYVINYVADENGFQPEGAHIPK	AGAP006001-PA	-	108	2.05E-10	1	3545.648	-0.46	Visceras	2L:-:24626510-24626412	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_94901	FEFATSDGTSR	AGAP006001-PA	-	67	1.05E-06	2	1217.541	-1.89	Midgut	2L:-:24626670-24626790,24626409-24626568	exon=> In CDS Exon 3 and 2 of transcript AGAP006001-PA
JHU_Ag_95532	YSSENIGIDGYR	AGAP006001-PA	-	49	0.000117551	2	1373.632	-0.97	Malpighian tubule	2L:-:24626706-24626671	exon=> In CDS Exon 2 of transcript AGAP006001-PA
JHU_Ag_105812	TEEAELRNPGTDNEAIAVR	AGAP006001-PA	-	164	6.14E-16	1	2085.026	2.39	Malpighian tubule	2L:-:24626567-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_109706	NPGTDNEAIAVR	AGAP006001-PA	-	66	2.77E-06	2	1256.622	-1.2	Midgut	2L:-:24626546-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_110861	NPGTDNEAIAVR	AGAP006001-PA	N6(Deamidated),N1(Deamidated)	91	1.15E-08	1	1256.623	-0.04	Head	2L:-:24626546-24626511	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_114123	YSSENIGIDGYR	AGAP006001-PA	-	69	1.33E-06	1	1373.633	-0.17	Pupa	2L:-:24626706-24626671	exon=> In CDS Exon 2 of transcript AGAP006001-PA
JHU_Ag_114903	TEEAELR	AGAP006001-PA	-	43	0.000870076	2	847.415	-0.64	Head	2L:-:24626567-24626547	exon=> In CDS Exon 3 of transcript AGAP006001-PA
JHU_Ag_5089	GELKPVEGSDEPALSVK	AGAP006009-PA	-	38	0.002026775	2	1754.919	0.83	Pupa	2L:-:24640087-24640037	exon=> In CDS Exon 3 of transcript AGAP006009-PA
JHU_Ag_29165	YRVDYVADER	AGAP006009-PA	-	62	6.78E-06	2	1285.615	-1.57	Head	2L:-:24640000-24639971	exon=> In CDS Exon 3 of transcript AGAP006009-PA
JHU_Ag_58817	GSYEYTDSNGQR	AGAP006009-PA	-	60	2.58E-06	2	1376.573	1.33	Malpighian tubule	2L:-:24640036-24640001	exon=> In CDS Exon 3 of transcript AGAP006009-PA
JHU_Ag_86671	GELKPVEGSDEPALSVK	AGAP006009-PA	-	121	8.97E-12	1	1754.928	6.19	Malpighian tubule	2L:-:24640087-24640037	exon=> In CDS Exon 3 of transcript AGAP006009-PA
JHU_Ag_89399	GELKPVEGSDEPALSVK	AGAP006009-PA	-	94	4.41E-09	1	1754.923	3.47	Head	2L:-:24640087-24640037	exon=> In CDS Exon 3 of transcript AGAP006009-PA
JHU_Ag_98695	YRVDYVADER	AGAP006009-PA	-	51	8.49E-05	1	1285.602	-12.11	Malpighian tubule	2L:-:24640000-24639971	exon=> In CDS Exon 3 of transcript AGAP006009-PA
JHU_Ag_98981	GELKPVEGSDEPALSVK	AGAP006009-PA	-	104	4.93E-10	1	1754.912	-2.79	Midgut	2L:-:24640087-24640037	exon=> In CDS Exon 3 of transcript AGAP006009-PA
JHU_Ag_858	YIITDFQLAPK	AGAP006017-PA	-	39	0.001093488	2	1308.723	2.17	Male reproductive organs	2L:-:24695815-24695993,24695433-24695679	exon=> In CDS Exon 9 and 8 of transcript AGAP006017-PA
JHU_Ag_893	YIITDFQLAPK	AGAP006017-PA	-	53	3.99E-05	2	1308.720	-0.25	Midgut	2L:-:24695815-24695993,24695433-24695679	exon=> In CDS Exon 9 and 8 of transcript AGAP006017-PA
JHU_Ag_14502	SDPSFGGLSLSGATSGDGTLR	AGAP006017-PA	-	78	2.43E-07	2	1981.949	1.46	Ovary	2L:-:24694404-24694342	exon=> In CDS Exon 12 of transcript AGAP006017-PA
JHU_Ag_16820	LVAEIIALLK	AGAP006017-PA	-	61	3.54E-07	2	1082.717	-1.12	Midgut	2L:-:24698625-24698596	exon=> In CDS Exon 4 of transcript AGAP006017-PA
JHU_Ag_30292	HYNASQFLIELIK	AGAP006017-PA	-	43	0.000458553	1	1575.859	3.84	Midgut	2L:-:24698574-24698536	exon=> In CDS Exon 4 of transcript AGAP006017-PA
JHU_Ag_38611	THLVENQNFLNK	AGAP006017-PA	-	78	2.38E-07	2	1456.753	-0.94	Head	2L:-:24699019-24698984	exon=> In CDS Exon 3 of transcript AGAP006017-PA
JHU_Ag_41179	SELLEWLNEQK	AGAP006017-PA	-	72	1.09E-06	2	1388.706	0.48	Midgut	2L:-:24698728-24699158,24698496-24698626	exon=> In CDS Exon 4 and 3 of transcript AGAP006017-PA
JHU_Ag_41204	DAQEVSDSNVNDK	AGAP006017-PA	-	45	0.000168995	2	1420.622	2.13	Head	2L:-:24694140-24694627,24690401-24690830	exon=> In CDS Exon 13 and 12 of transcript AGAP006017-PA
JHU_Ag_41936	SDFDFGALASSGLVDSESNSDVPLTGGMNHNILK	AGAP006017-PA	M28(Oxidation)	92	7.08E-09	1	3510.638	1.47	Head	2L:-:24694617-24694516	exon=> In CDS Exon 12 of transcript AGAP006017-PA
JHU_Ag_43078	YIITDFQLAPK	AGAP006017-PA	-	45	0.000250125	2	1308.720	0.4	Ovary	2L:-:24695815-24695993,24695433-24695679	exon=> In CDS Exon 9 and 8 of transcript AGAP006017-PA

JHU_Ag_53123	YIITDFQLAPK	AGAP006017-PA	-	50	7.97E-05	2	1308.722	1.89	Pupa	2L:-:24695815-24695993,24695433-24695679	exon=> In CDS Exon 9 and 8 of transcript AGAP006017-PA
JHU_Ag_56476	VTSDPILDTLESEETTK	AGAP006017-PA	-	91	1.53E-08	2	1877.924	0.89	Ovary	2L:-:24698496-24698643,24696525-24696620	exon=> In CDS Exon 5 and 4 of transcript AGAP006017-PA
JHU_Ag_64658	HFGNQVVSDLLLSHITDIEDAELK	AGAP006017-PA	-	65	3.26E-06	1	2693.399	7.66	Malpighian tubule	2L:-:24698800-24698729	exon=> In CDS Exon 3 of transcript AGAP006017-PA
JHU_Ag_66415	LVAEIIALLK	AGAP006017-PA	-	66	8.36E-08	2	1082.725	5.65	Larva	2L:-:24698625-24698596	exon=> In CDS Exon 4 of transcript AGAP006017-PA
JHU_Ag_75601	VTSDPILDTLESEETTK	AGAP006017-PA	-	101	1.53E-09	2	1877.916	-3.33	Midgut	2L:-:24698496-24698643,24696525-24696620	exon=> In CDS Exon 5 and 4 of transcript AGAP006017-PA
JHU_Ag_76765	EPPLNPLLTSFFCK	AGAP006017-PA	C13(Carbamidomethyl)	60	1.71E-05	2	1662.857	0.84	Ovary	2L:-:24698962-24698921	exon=> In CDS Exon 3 of transcript AGAP006017-PA
JHU_Ag_77899	VADLVAILK	AGAP006017-PA	-	50	2.35E-05	2	941.604	0.93	Pupa	2L:-:24696335-24696309	exon=> In CDS Exon 6 of transcript AGAP006017-PA
JHU_Ag_78904	SVCLQVLEFIK	AGAP006017-PA	C3(Carbamidomethyl)	46	0.000230562	2	1335.735	0.39	Malpighian tubule	2L:-:24698866-24698834	exon=> In CDS Exon 3 of transcript AGAP006017-PA
JHU_Ag_79326	THLVENQNFLNK	AGAP006017-PA	-	60	1.22E-05	2	1456.753	-1.11	Midgut	2L:-:24699019-24698984	exon=> In CDS Exon 3 of transcript AGAP006017-PA
JHU_Ag_82082	EGVTLAEVLDYENVLQECK	AGAP006017-PA	C18(Carbamidomethyl)	77	2.92E-07	2	2209.077	3.65	Head	2L:-:24699389-24699443,24699241-24699267	exon=> In CDS Exon 2 and 1 of transcript AGAP006017-PA
JHU_Ag_83801	HFGNQVVSDLLLSHITDIEDAELK	AGAP006017-PA	-	100	9.14E-10	1	2693.404	9.7	Ovary	2L:-:24698800-24698729	exon=> In CDS Exon 3 of transcript AGAP006017-PA
JHU_Ag_84217	HYNASQFLIELIK	AGAP006017-PA	-	68	1.45E-06	1	1575.860	4.38	Ovary	2L:-:24698574-24698536	exon=> In CDS Exon 4 of transcript AGAP006017-PA
JHU_Ag_84916	HYNASQFLIELIK	AGAP006017-PA	-	97	1.55E-09	1	1575.867	8.8	Malpighian tubule	2L:-:24698574-24698536	exon=> In CDS Exon 4 of transcript AGAP006017-PA
JHU_Ag_96576	LVAEIIALLK	AGAP006017-PA	-	41	3.01E-05	2	1082.723	4.18	Ovary	2L:-:24698625-24698596	exon=> In CDS Exon 4 of transcript AGAP006017-PA
JHU_Ag_102684	VADLVAILK	AGAP006017-PA	-	53	1.28E-05	2	941.604	0.67	Midgut	2L:-:24696335-24696309	exon=> In CDS Exon 6 of transcript AGAP006017-PA
JHU_Ag_105154	SVCLQVLEFIK	AGAP006017-PA	C3(Carbamidomethyl)	57	1.98E-05	2	1335.734	0.21	Midgut	2L:-:24698866-24698834	exon=> In CDS Exon 3 of transcript AGAP006017-PA
JHU_Ag_110015	YIITDFQLAPK	AGAP006017-PA	-	50	7.47E-05	2	1308.725	3.76	Malpighian tubule	2L:-:24695815-24695993,24695433-24695679	exon=> In CDS Exon 9 and 8 of transcript AGAP006017-PA
JHU_Ag_64933	LQYLK	AGAP006019-PA,AGAP003062-PA,AGAP008962-PA	Q2(Deamidated)	31	0.005633441	1	665.389	2.53	Larva	2L:+:24773397-24773411;2R:-:31942762-31942748;3R:-:22243111-22243097	exon=> In CDS Exon 1 of transcript AGAP006019-PA;exon=> In CDS Exon 2 of transcript AGAP003062-PA;exon=> In CDS Exon 1 of transcript AGAP008962-PA
JHU_Ag_61612	DFLSGLAFR	AGAP006020-PA	-	38	0.001578597	2	1025.543	1.35	Head	2L:-:24908215-24908189	exon=> In CDS Exon 6 of transcript AGAP006020-PA
JHU_Ag_110637	KITAVVSELR	AGAP006020-PA	-	29	0.002341256	1	1115.688	8.58	Malpighian tubule	2L:-:24907545-24907516	exon=> In CDS Exon 8 of transcript AGAP006020-PA
JHU_Ag_32099	ANLLQLIR	AGAP006023-PB,AGAP006023-PA	-	51	1.89E-05	2	940.594	-0.34	Pupa	2L:-:24998847-24998824;2L:-:24998847-24998824	exon=> In CDS Exon 6 of transcript AGAP006023-PB;exon=> In CDS Exon 6 of transcript AGAP006023-PA

JHU_Ag_52243	ANLLQLIR	AGAP006023-PB,AGAP006023-PA	-	47	4.24E-05	2	940.595	0.89	Head	2L:-:24998847-24998824;2L:-:24998847-24998824	exon=> In CDS Exon 6 of transcript AGAP006023-PB;exon=> In CDS Exon 6 of transcript AGAP006023-PA
JHU_Ag_59498	NYQLLSVLAQR	AGAP006024-PA	-	78	1.58E-07	2	1304.730	-1.53	Male reproductive organs	2L:-:25036657-25036625	exon=> In CDS Exon 1 of transcript AGAP006024-PA
JHU_Ag_68379	TSNEGNLSNVTEQYASDPVFR	AGAP006024-PA	-	116	2.97E-11	1	2328.078	1.92	Male reproductive organs	2L:-:25036129-25036067	exon=> In CDS Exon 2 of transcript AGAP006024-PA
JHU_Ag_79411	ICSLVVCLIK	AGAP006024-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	61	5.79E-06	1	1204.680	0.59	Male reproductive organs	2L:-:25036624-25036595	exon=> In CDS Exon 1 of transcript AGAP006024-PA
JHU_Ag_91874	QENIAVQTVLR	AGAP006024-PA	-	50	0.000101023	2	1270.712	0.23	Male reproductive organs	2L:-:25036585-25036553	exon=> In CDS Exon 1 of transcript AGAP006024-PA
JHU_Ag_50194	DGQYGSENPDVK	AGAP006027-PA	-	47	0.000122248	2	1308.571	0.7	Head	2L:+:25307938-25307973	exon=> In CDS Exon 7 of transcript AGAP006027-PA
JHU_Ag_43517	RPGVETLSVGSEFIK	AGAP006028-PA,AGAP006028-PB,AGAP006028-PC	-	92	5.22E-09	1	1618.882	1.4	Head	2L:+:25398978-25399022;2L:+:25398978-25399022;2L:+:25398978-25399022	exon=> In CDS Exon 4 of transcript AGAP006028-PA;exon=> In CDS Exon 4 of transcript AGAP006028-PB;exon=> In CDS Exon 4 of transcript AGAP006028-PC
JHU_Ag_57665	LLGITPSDIDKYSR	AGAP006028-PA,AGAP006028-PB,AGAP006028-PC	-	34	0.004034 81	2	1577.857	2.03	Head	2L:+:25434404-25434445;2L:+:25434404-25434445;2L:+:25434404-25434445	exon=> In CDS Exon 9 of transcript AGAP006028-PA;exon=> In CDS Exon 9 of transcript AGAP006028-PB;exon=> In CDS Exon 9 of transcript AGAP006028-PC
JHU_Ag_68401	GGGQPGGGGPPPGGPPGGGGGGPDEESAAPQHLIHPGK	AGAP006028-PA,AGAP006028-PB,AGAP006028-PC	-	164	4.64E-16	1	3291.550	-0.72	Head	2L:+:25433527-25433640;2L:+:25433527-25433640;2L:+:25433527-25433640	exon=> In CDS Exon 8 of transcript AGAP006028-PA;exon=> In CDS Exon 8 of transcript AGAP006028-PB;exon=> In CDS Exon 8 of transcript AGAP006028-PC
JHU_Ag_13982	VLATEVASYLNQPMPK	AGAP006031-PA	M14(Oxidation)	44	0.000483468	1	1776.928	4.61	Malpighian tubule	2L:+:25465900-25465947	exon=> In CDS Exon 3 of transcript AGAP006031-PA
JHU_Ag_43989	VLATEVASYLNQPMPK	AGAP006031-PA	M14(Oxidation)	69	1.59E-06	2	1760.927	0.97	Ovary	2L:+:25465900-25465947	exon=> In CDS Exon 3 of transcript AGAP006031-PA
JHU_Ag_95189	SFYSHNAPPVEITPSNFLCR	AGAP006031-PA	C19(Carbamidomethyl)	38	0.002529997	1	2336.117	1.77	Ovary	2L:+:25465504-25465563	exon=> In CDS Exon 2 of transcript AGAP006031-PA
JHU_Ag_100271	DATQEMQSFLTMQQK	AGAP006031-PA	M6(Oxidation), M12(Oxidation)	90	9.69E-09	1	1817.813	4.82	Head	2L:+:25466581-25466625	exon=> In CDS Exon 4 of transcript AGAP006031-PA
JHU_Ag_110651	AVSFLIDTIHK	AGAP006031-PA	-	49	0.000110797	2	1243.705	0.46	Ovary	2L:+:25466626-25466658	exon=> In CDS Exon 4 of transcript AGAP006031-PA
JHU_Ag_6391	EIAELK	AGAP006031-PA,AGAP002399-PA	-	42	0.001103086	1	702.404	1.55	Male reproductive organs	2L:+:25466275-25466292;2R:+:20948791-20948808	exon=> In CDS Exon 4 of transcript AGAP006031-PA;exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_82308	EIAELK	AGAP006031-PA,AGAP002399-PA	-	43	0.001001404	1	702.406	3.89	Head	2L:+:25466275-25466292;2R:+:20948791-20948808	exon=> In CDS Exon 4 of transcript AGAP006031-PA;exon=> In CDS Exon 4 of transcript AGAP002399-PA
JHU_Ag_114644	NQNVSLR	AGAP006033-PA	N1(Deamidated)	41	0.001871768	1	831.438	7.87	Malpighian tubule	2L:-:25467967-25467947	exon=> In CDS Exon 2 of transcript AGAP006033-PA
JHU_Ag_79589	ISLTWVLREQSR	AGAP006034-PA	Q10(Deamidated)	37	0.002304342	1	1488.805	-8.23	Visceras	2L:-:25471363-25471328	exon=> In CDS Exon 3 of transcript AGAP006034-PA
JHU_Ag_636	GPYGTCVR	AGAP006037-PA	C6(Carbamidomethyl)	55	3.79E-05	1	909.424	-1.16	Head	2L:+:25522660-25522683	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_807	INTLVRPDGK	AGAP006037-PA	-	45	0.000216763	1	1112.642	-0.36	Malpighian tubule	2L:+:25523238-25523267	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_1472	IEDNNTLVFLIHLR	AGAP006037-PA	-	78	7.88E-08	1	1696.942	2.05	Pupa	2L:+:25523136-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA

JHU_Ag_4595	LVKGPYGTCVR	AGAP006037-PA	C9(Carbamidomethyl)	35	0.004622231	1	1249.671	-0.71	Malpighian tubule	2L:+:25522651-25522683	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_4821	KPSEKPAGQPAEK	AGAP006037-PA	-	64	3.74E-06	1	1366.733	0.28	Male reproductive organs	2L:+:25521141-25521159,25521650-25521669	exon=> In CDS Exon 1 and 2 of transcript AGAP006037-PA
JHU_Ag_6144	YPLTTEAAMK	AGAP006037-PA	M9(Oxidation)	52	8.07E-05	1	1124.565	-0.72	Midgut	2L:+:25523103-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_8092	INTLVRPDGKK	AGAP006037-PA	-	48	6.38E-05	1	1240.738	0.23	Malpighian tubule	2L:+:25523238-25523270	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_9507	KIEDNNTLVFLIHLR	AGAP006037-PA	-	83	2.19E-08	1	1825.039	3.47	Male reproductive organs	2L:+:25523133-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_10647	IEDNNTLVFLIHLR	AGAP006037-PA	-	42	0.00035269	3	1696.943	2.69	Head	2L:+:25523136-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_13845	KPAAAPAEK	AGAP006037-PA	-	46	0.000148551	1	882.505	0.6	Head	2L:+:25521781-25521807	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_15102	GPYGTCVR	AGAP006037-PA	C6(Carbamidomethyl)	55	3.62E-05	1	909.424	-0.62	Visceras	2L:+:25522660-25522683	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_15121	AAPAAAAAAGAAGK	AGAP006037-PA	-	98	1.44E-09	1	1068.579	-0.31	Ovary	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_18584	KPAAAAAATASGSGEKKPAAEK	AGAP006037-PA	-	162	5.73E-16	1	2012.081	1.77	Malpighian tubule	2L:+:25521679-25521744	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_19282	DYDALDIANK	AGAP006037-PA	-	70	1.45E-06	2	1137.544	1.93	Malpighian tubule	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_19506	KPAAAAAATASGSGEK	AGAP006037-PA	-	98	2.74E-09	1	1387.716	-1.48	Visceras	2L:+:25521679-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_19941	INTLVRPDGK	AGAP006037-PA	-	64	2.81E-06	1	1112.644	1.18	Ovary	2L:+:25523238-25523267	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_24694	KPAAAAAATASGSGEK	AGAP006037-PA	-	135	4.30E-13	1	1387.718	0.28	Salivary gland	2L:+:25521679-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_25055	KPAAEK	AGAP006037-PA	-	36	0.000611176	1	643.377	-0.21	Head	2L:+:25521727-25521744	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_25625	MDAYNIIKYPLTTEAAMK	AGAP006037-PA	M17(Oxidation)	46	0.000413304	3	2089.029	-2.45	Visceras	2L:+:25523079-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_26903	INTLVRPDGK	AGAP006037-PA	-	56	1.85E-05	1	1112.643	0.3	Visceras	2L:+:25523238-25523267	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_26956	KPSEKPAGQPAEK	AGAP006037-PA	-	34	0.003675186	1	1366.740	5.19	Malpighian tubule	2L:+:25521141-25521159,25521650-25521669	exon=> In CDS Exon 1 and 2 of transcript AGAP006037-PA
JHU_Ag_29039	KIEDNNTLVFLIHLR	AGAP006037-PA	-	131	3.48E-13	1	1825.040	3.95	Ovary	2L:+:25523133-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_29539	AAPAAAAAAGAAGK	AGAP006037-PA	-	95	2.92E-09	1	1068.580	0.38	Visceras	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_32930	YPLTTEAAMKK	AGAP006037-PA	M9(Oxidation)	48	0.000171129	1	1268.656	0.65	Ovary	2L:+:25523103-25523135	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_33888	APAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	131	9.09E-13	1	1610.851	0.76	Salivary gland	2L:+:25521919-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_34597	AAPAAAAAAAAAGKK	AGAP006037-PA	-	98	7.19E-10	1	1210.691	0.62	Head	2L:+:25522045-25522089	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_34679	MDAYNIIK	AGAP006037-PA	M1(Oxidation)	43	0.000438317	2	983.486	-0.87	Ovary	2L:+:25523079-25523102	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_36625	AAPAAAAAAGAAGK	AGAP006037-PA	-	91	5.90E-09	2	1068.578	-1.68	Pupa	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_37456	GAAAAAAADKK	AGAP006037-PA	-	52	0.000114174	1	944.519	2.97	Head	2L:+:25522108-25522140	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_38827	KIEDNNTLVFLIHLR	AGAP006037-PA	-	83	2.02E-08	1	1825.038	2.48	Malpighian tubule	2L:+:25523133-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA

JHU_Ag_38902	KIEDNNTLVFLIHLR	AGAP006037-PA	-	109	5.59E-11	1	1825.033	0.06	Midgut	2L:+:25523133-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_39216	TSVHFKRPK	AGAP006037-PA	-	52	6.62E-05	1	1099.637	0.11	Malpighian tubule	2L:+:25522693-25522719	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_39706	AAPAAAAAAAAAGK	AGAP006037-PA	-	113	4.65E-11	1	1082.595	-0.66	Ovary	2L:+:25522045-25522086	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_40722	AAPAAAAAAAAAGKK	AGAP006037-PA	-	95	1.59E-09	1	1210.689	-0.9	Visceras	2L:+:25522045-25522089	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_42072	KAPAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	33	0.003367343	1	1738.947	1.05	Head	2L:+:25521916-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_42638	KPAAAAAATASGSGEK	AGAP006037-PA	-	121	1.28E-11	1	1387.720	1.87	Malpighian tubule	2L:+:25521679-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_43010	KAPAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	128	1.13E-12	1	1738.945	0.42	Ovary	2L:+:25521916-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_44078	GAAAAAAADKK	AGAP006037-PA	-	75	6.69E-07	1	944.516	0.13	Salivary gland	2L:+:25522108-25522140	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_45110	APAAAAAAAGTSKPAGEAKK	AGAP006037-PA	-	88	1.27E-08	1	1738.940	-2.74	Visceras	2L:+:25521919-25521978	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_45473	AAPAAAAAAGAAGK	AGAP006037-PA	-	105	3.00E-10	1	1068.582	2.55	Malpighian tubule	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_45577	AAPAAAAAAAAAGK	AGAP006037-PA	-	119	1.15E-11	2	1082.596	0.35	Male reproductive organs	2L:+:25522045-25522086	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_46795	YPLTTEAAMK	AGAP006037-PA	M9(Oxidation)	61	9.92E-06	2	1140.562	0.86	Ovary	2L:+:25523103-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_46874	INTLVRPDGK	AGAP006037-PA	-	60	6.77E-06	1	1112.640	-1.78	Salivary gland	2L:+:25523238-25523267	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_47147	IEDNNTLVFLIHLR	AGAP006037-PA	-	91	4.72E-09	1	1696.935	-1.84	Malpighian tubule	2L:+:25523136-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_48150	YPLTTEAAMKK	AGAP006037-PA	M9(Oxidation)	56	2.57E-05	2	1268.655	-0.76	Midgut	2L:+:25523103-25523135	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_48815	MDAYNIIK	AGAP006037-PA	M1(Oxidation)	35	0.00305832	2	983.487	0.24	Malpighian tubule	2L:+:25523079-25523102	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_50234	KAAPAAAAAAGAAGK	AGAP006037-PA	-	41	0.000435789	2	1196.677	1.97	Head	2L:+:25521988-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_51833	IQKGIQK	AGAP006037-PA	-	34	0.002900619	2	814.514	-0.42	Visceras	2L:+:25522336-25522356	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_52051	TLKLPR	AGAP006037-PA	-	35	0.000538826	2	727.482	-0.32	Pupa	2L:+:25522720-25522737	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_53292	AAPAAAAAAGAAGK	AGAP006037-PA	-	113	4.14E-11	1	1068.579	-0.76	Salivary gland	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_53663	KAAPAAAAAAGAAGK	AGAP006037-PA	-	55	1.82E-05	1	1196.673	-1.09	Salivary gland	2L:+:25521988-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_53749	KIEDNNTLVFLIHLR	AGAP006037-PA	-	95	1.35E-09	1	1825.034	0.26	Salivary gland	2L:+:25523133-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_55442	KPSEKPAGQPAEK	AGAP006037-PA	-	48	0.000165663	1	1366.732	-0.72	Ovary	2L:+:25521141-25521159,25521650-25521669	exon=> In CDS Exon 1 and 2 of transcript AGAP006037-PA
JHU_Ag_55489	AAPAAAAAAGAAGKK	AGAP006037-PA	-	67	1.04E-06	1	1196.674	-0.38	Male reproductive organs	2L:+:25521991-25522035	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_55711	DYDALDIANK	AGAP006037-PA	-	83	6.52E-08	1	1137.542	-0.22	Visceras	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_56699	GAAAAAAADKK	AGAP006037-PA	-	63	8.96E-06	1	944.515	-0.65	Ovary	2L:+:25522108-25522140	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_57090	KPSEKPAGQPAEK	AGAP006037-PA	-	62	6.50E-06	1	1366.731	-1.12	Visceras	2L:+:25521141-25521159,25521650-25521669	exon=> In CDS Exon 1 and 2 of transcript AGAP006037-PA

JHU_Ag_57277	YPLTTEAAMK	AGAP006037-PA	M9(Oxidation)	60	1.28E-05	1	1140.562	1.18	Salivary gland	2L:+:25523103-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_58396	IEDNNTLVFLIHLR	AGAP006037-PA	-	50	6.66E-05	1	1696.937	-0.98	Midgut	2L:+:25523136-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_60194	MDAYNIIK	AGAP006037-PA	M1(Oxidation)	45	0.000259072	2	983.485	-1.31	Salivary gland	2L:+:25523079-25523102	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_60352	KPAAAAAATASGSGEK	AGAP006037-PA	-	111	1.11E-10	1	1387.718	0.46	Male reproductive organs	2L:+:25521679-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_60571	AAPAAAAAAGAAGK	AGAP006037-PA	-	80	8.61E-08	2	1068.578	-1.34	Larva	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_61530	DYDALDIANK	AGAP006037-PA	-	75	4.44E-07	1	1137.544	1.07	Ovary	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_61543	KPAAAPAEK	AGAP006037-PA	-	60	5.82E-06	1	882.504	-0.37	Ovary	2L:+:25521781-25521807	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_61631	APAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	121	9.03E-12	1	1610.850	0.38	Male reproductive organs	2L:+:25521919-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_63175	YPLTTEAAMK	AGAP006037-PA	M9(Oxidation)	52	9.49E-05	1	1124.567	1.13	Malpighian tubule	2L:+:25523103-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_64288	EKKPAAAAAATASGSGEK	AGAP006037-PA	-	70	1.58E-06	1	1644.863	4.99	Male reproductive organs	2L:+:25521673-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_65656	DYDALDIANK	AGAP006037-PA	-	77	2.49E-07	1	1137.543	0.92	Pupa	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_67424	EKKPAAAAAATASGSGEK	AGAP006037-PA	-	91	1.10E-08	2	1644.856	0.32	Salivary gland	2L:+:25521673-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_67621	KAAPAAAAAAGAAGK	AGAP006037-PA	-	116	1.25E-11	1	1196.674	-0.38	Malpighian tubule	2L:+:25521988-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_67983	KPAAAAAATASGSGEK	AGAP006037-PA	-	109	2.24E-10	2	1387.723	3.63	Ovary	2L:+:25521679-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_68809	AAPAAAAAAAAAGKK	AGAP006037-PA	-	95	1.58E-09	2	1210.691	0.52	Male reproductive organs	2L:+:25522045-25522089	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_70119	AAPAAAAAAAAAGK	AGAP006037-PA	-	79	1.10E-07	2	1082.595	-0.55	Pupa	2L:+:25522045-25522086	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_70466	APAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	116	2.77E-11	1	1610.850	0.38	Visceras	2L:+:25521919-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_71425	DYDALDIANK	AGAP006037-PA	-	74	5.90E-07	2	1137.541	-1.19	Salivary gland	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_73331	KPSEKPAGQPAEK	AGAP006037-PA	-	59	1.10E-05	1	1366.732	-0.38	Salivary gland	2L:+:25521141-25521159,25521650-25521669	exon=> In CDS Exon 1 and 2 of transcript AGAP006037-PA
JHU_Ag_74391	MDAYNIIKYPLTTEAAMK	AGAP006037-PA	M17(Oxidation),"M1(Oxidation), M17(Oxidation)"	89	2.01E-08	1	2105.031	0.74	Midgut	2L:+:25523079-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_74565	MDAYNIIKYPLTTEAAMK	AGAP006037-PA	M1(Oxidation), M17(Oxidation)	37	0.003664501	3	2105.031	0.91	Larva	2L:+:25523079-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_75221	AAPAAAAAAAAAGK	AGAP006037-PA	-	113	4.69E-11	1	1082.596	1.03	Visceras	2L:+:25522045-25522086	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_75311	TSVHFK	AGAP006037-PA	-	41	0.000943135	2	718.385	-5.07	Head	2L:+:25522693-25522710	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_76578	APAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	136	3.16E-13	1	1610.844	-3.86	Head	2L:+:25521919-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_78076	IEDNNTLVFLIHLR	AGAP006037-PA	-	53	2.83E-05	1	1696.938	-0.22	Salivary gland	2L:+:25523136-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_78644	DYDALDIANK	AGAP006037-PA	-	70	1.41E-06	1	1137.546	2.85	Midgut	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_79420	GPYGTCVR	AGAP006037-PA	C6(Carbamidomethyl)	42	0.000710719	1	909.426	1.66	Larva	2L:+:25522660-25522683	exon=> In CDS Exon 3 of transcript AGAP006037-PA

JHU_Ag_80295	KPAAAAAATASGSGEK	AGAP006037-PA	-	125	4.85E-12	1	1387.718	0.2	Head	2L:+:25521679-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_81021	INTLVRPDGK	AGAP006037-PA	-	60	6.66E-06	1	1112.640	-2.22	Pupa	2L:+:25523238-25523267	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_81596	KPAAAPAEK	AGAP006037-PA	-	39	0.000807374	2	882.503	-1.2	Salivary gland	2L:+:25521781-25521807	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_82463	MDAYNIIKYPLTTEAAMK	AGAP006037-PA	M17(Oxidation)	105	4.32E-10	1	2089.039	2.37	Malpighian tubule	2L:+:25523079-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_82888	KPAAAPAEK	AGAP006037-PA	-	33	0.00266609	2	882.504	-0.51	Malpighian tubule	2L:+:25521781-25521807	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_84472	DYDALDIANK	AGAP006037-PA	-	78	2.45E-07	1	1137.546	3.39	Head	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_85094	MDAYNIIKYPLTTEAAMK	AGAP006037-PA	-	36	0.003245033	3	2073.047	3.58	Pupa	2L:+:25523079-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_86377	APAAAAAAAGTSKPAGEAKK	AGAP006037-PA	-	66	1.75E-06	1	1738.950	2.73	Malpighian tubule	2L:+:25521919-25521978	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_86739	AAPAAAAAAGAAGK	AGAP006037-PA	-	114	3.21E-11	2	1068.579	-0.99	Male reproductive organs	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_91611	YPLTTEAAMK	AGAP006037-PA	M9(Oxidation)	47	0.000244853	1	1140.565	3.86	Head	2L:+:25523103-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_92484	KKPVR	AGAP006037-PA	-	23	0.002926595	1	627.430	0.13	Head	2L:+:25522246-25522260	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_92503	AAPAADSKAAPK	AGAP006037-PA	-	64	3.08E-06	1	1097.597	1.67	Malpighian tubule	2L:+:25521877-25521912	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_93192	GPYGTCVRK	AGAP006037-PA	C6(Carbamidomethyl)	52	9.39E-05	1	1037.519	-0.72	Malpighian tubule	2L:+:25522660-25522686	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_93928	AAPAAAAAAGAAGK	AGAP006037-PA	-	108	1.50E-10	1	1068.583	2.78	Head	2L:+:25521991-25522032	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_94767	KIEDNNTLVFLIHLR	AGAP006037-PA	-	86	1.04E-08	1	1825.035	1.27	Pupa	2L:+:25523133-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_96203	YPLTTEAAMK	AGAP006037-PA	M9(Oxidation)	45	0.000454291	2	1140.563	1.93	Visceras	2L:+:25523103-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_96360	APAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	134	4.75E-13	1	1610.850	0.16	Malpighian tubule	2L:+:25521919-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_97610	INTLVRPDGK	AGAP006037-PA	-	67	1.36E-06	2	1112.643	0.41	Midgut	2L:+:25523238-25523267	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_97750	EKKPAAAAAATASGSGEK	AGAP006037-PA	-	40	0.001577022	1	1644.847	-4.89	Visceras	2L:+:25521673-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_97970	SRMDAYNIIK	AGAP006037-PA	M3(Oxidation)	45	0.000363565	1	1226.620	-0.22	Ovary	2L:+:25522774-25522778,25523078-25523102	exon=> In CDS Exon 3 and 4 of transcript AGAP006037-PA
JHU_Ag_98986	AAPAAAAAAAAAGKK	AGAP006037-PA	-	106	1.24E-10	1	1210.691	0.41	Malpighian tubule	2L:+:25522045-25522089	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_99000	TLKLPR	AGAP006037-PA	-	31	0.001987759	1	727.482	-1.08	Visceras	2L:+:25522720-25522737	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_99287	AAPAAAAAAGAAGKK	AGAP006037-PA	-	102	3.07E-10	1	1196.677	1.87	Malpighian tubule	2L:+:25521991-25522035	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_99329	DYDALDIANK	AGAP006037-PA	-	77	2.45E-07	1	1137.543	0.38	Larva	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_99439	YPLTTEAAMKK	AGAP006037-PA	M9(Oxidation)	46	0.000255763	1	1268.654	-1.15	Male reproductive organs	2L:+:25523103-25523135	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_101510	YPLTTEAAMK	AGAP006037-PA	-	38	0.002256889	2	1124.565	-0.17	Pupa	2L:+:25523103-25523132	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_101792	AAPAAAAAAAAAGKK	AGAP006037-PA	-	105	1.43E-10	2	1210.692	1.22	Salivary gland	2L:+:25522045-25522089	exon=> In CDS Exon 2 of transcript AGAP006037-PA

JHU_Ag_101839	DYDALDIANK	AGAP006037-PA	N9(Deamidated)	69	1.88E-06	1	1137.543	0.81	Male reproductive organs	2L:+:25523295-25523324	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_103442	AAPAAAAAAAAAGK	AGAP006037-PA	-	119	9.72E-12	1	1082.593	-2.47	Salivary gland	2L:+:25522045-25522086	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_104554	IEDNNTLVFLIHLR	AGAP006037-PA	-	114	2.56E-11	1	1696.938	-0.22	Ovary	2L:+:25523136-25523177	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_105130	AAPAAAAAAGAAGKK	AGAP006037-PA	-	36	0.001205802	2	1196.676	1.46	Salivary gland	2L:+:25521991-25522035	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_105292	AAPAAAAAAAAAGK	AGAP006037-PA	-	123	4.06E-12	1	1082.598	2.49	Malpighian tubule	2L:+:25522045-25522086	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_105987	MDAYNIIK	AGAP006037-PA	-	36	0.002617202	2	967.493	1.3	Visceras	2L:+:25523079-25523102	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_106086	KLYDVK	AGAP006037-PA	-	38	0.000699019	1	765.450	-0.29	Malpighian tubule	2L:+:25523211-25523228	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_106172	YPLTTEAAMKK	AGAP006037-PA	M9(Oxidation)	47	0.000220457	1	1268.656	0.68	Pupa	2L:+:25523103-25523135	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_106346	KPSEKPAGQPAEKK	AGAP006037-PA	-	33	0.002569255	1	1494.829	0.66	Male reproductive organs	2L:+:25521141-25521159,25521650-25521672	exon=> In CDS Exon 1 and 2 of transcript AGAP006037-PA
JHU_Ag_106359	INTLVRPDGK	AGAP006037-PA	-	65	2.44E-06	1	1112.644	1.51	Head	2L:+:25523238-25523267	exon=> In CDS Exon 4 of transcript AGAP006037-PA
JHU_Ag_109329	AAAGGKPAK	AGAP006037-PA	-	30	0.004963155	2	770.452	-0.03	Ovary	2L:+:25522207-25522233	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_111064	GPYGTCVR	AGAP006037-PA	C6(Carbamidomethyl)	54	4.84E-05	1	909.424	-0.29	Malpighian tubule	2L:+:25522660-25522683	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_114135	EKKPAAAAAATASGSGEK	AGAP006037-PA	-	120	1.35E-11	1	1644.859	2.39	Malpighian tubule	2L:+:25521673-25521726	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_114309	GPYGTCVR	AGAP006037-PA	C6(Carbamidomethyl)	53	4.97E-05	1	909.424	-0.29	Ovary	2L:+:25522660-25522683	exon=> In CDS Exon 3 of transcript AGAP006037-PA
JHU_Ag_115071	APAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	100	1.20E-09	1	1610.853	2.13	Pupa	2L:+:25521919-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_116009	APAAAAAAAGTSKPAGEAK	AGAP006037-PA	-	142	8.58E-14	1	1610.851	0.61	Ovary	2L:+:25521919-25521975	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_116995	AAPAAAAAAAAAGK	AGAP006037-PA	-	103	4.51E-10	2	1082.598	2.38	Head	2L:+:25522045-25522086	exon=> In CDS Exon 2 of transcript AGAP006037-PA
JHU_Ag_16498	THDEALGNLFTQYR	AGAP006040-PA	-	102	9.38E-10	1	1664.810	4.05	Larva	2L:-:25546693-25546652	exon=> In CDS Exon 2 of transcript AGAP006040-PA
JHU_Ag_42459	SLSRPIYNLLGSYLEQLFEHPLR	AGAP006040-PA	N-Term(Acetyl)	139	7.72E-14	1	2787.486	1.08	Midgut	2L:-:25547120-25547052	exon=> In CDS Exon 1 of transcript AGAP006040-PA
JHU_Ag_53356	LLMLLGER	AGAP006040-PA	M3(Oxidation)	59	1.04E-05	1	960.559	4.27	Larva	2L:-:25546780-25546757	exon=> In CDS Exon 2 of transcript AGAP006040-PA
JHU_Ag_53843	THDEALGNLFTQYR	AGAP006040-PA	-	80	1.74E-07	1	1664.802	-0.43	Malpighian tubule	2L:-:25546693-25546652	exon=> In CDS Exon 2 of transcript AGAP006040-PA
JHU_Ag_78521	THDEALGNLFTQYR	AGAP006040-PA	-	84	6.07E-08	1	1664.810	4.49	Midgut	2L:-:25546693-25546652	exon=> In CDS Exon 2 of transcript AGAP006040-PA
JHU_Ag_88377	THDEALGNLFTQYR	AGAP006040-PA	-	52	0.000108936	1	1664.799	-2.09	Head	2L:-:25546693-25546652	exon=> In CDS Exon 2 of transcript AGAP006040-PA
JHU_Ag_15764	TVLAADTHYR	AGAP006042-PB	-	47	0.000388655	1	1146.590	-0.08	Midgut	2L:-:25561098-25561069	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_23359	FSHSTDDSLTCAAFNR	AGAP006042-PB	C11(Carbamidomethyl)	60	7.22E-06	2	1828.791	-0.55	Midgut	2L:-:25561272-25561225	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_27455	LIGQHLKDIGLER	AGAP006042-PB	-	34	0.000794392	1	1491.867	1.7	Malpighian tubule	2L:-:25562166-25562128	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_41269	DNSVIVWEVDPVK	AGAP006042-PB	-	94	5.66E-09	2	1499.776	1.37	Midgut	2L:-:25561467-25561429	exon=> In CDS Exon 2 of transcript AGAP006042-PB

JHU_Ag_57151	EEPLATLIGHTR	AGAP006042-PB	-	60	1.14E-05	2	1336.723	0.89	Midgut	2L:-:25560783-25560748	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_60887	ADHDLQELQSLVDIR	AGAP006042-PB	-	87	2.51E-08	1	1751.894	1.14	Malpighian tubule	2L:-:25562031-25561987	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_69842	HFIACGPDDCPDLWIWDVEQEK	AGAP006042-PB	C5(Carbamidomethyl), C10(Carbamidomethyl)	76	1.89E-07	1	2730.208	4.37	Midgut	2L:-:25561350-25561285	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_83601	DNSVIVWEVDPVK	AGAP006042-PB	-	78	2.05E-07	2	1499.776	1.45	Ovary	2L:-:25561467-25561429	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_108777	DNSVIVWEVDPVK	AGAP006042-PB	-	53	7.10E-05	2	1499.779	3.16	Salivary gland	2L:-:25561467-25561429	exon=> In CDS Exon 2 of transcript AGAP006042-PB
JHU_Ag_58745	LVNLYITVIR	AGAP006043-PA	-	57	2.57E-06	2	1203.749	2.34	Salivary gland	2L:-:25569562-25569533	exon=> In CDS Exon 2 of transcript AGAP006043-PA
JHU_Ag_47736	ALILTLAR	AGAP006046-PA	-	38	0.000391907	2	870.577	-0.52	Ovary	2L:+:25629465-25629488	exon=> In CDS Exon 3 of transcript AGAP006046-PA
JHU_Ag_20836	GPEMLIAFHSSPFSAPLQSGQSNR	AGAP006059-PA	M4(Oxidation)	82	1.06E-07	1	2574.248	2.67	Head	2L:-:25806135-25806064	exon=> In CDS Exon 8 of transcript AGAP006059-PA
JHU_Ag_29103	QILIPIPPVR	AGAP006063-PA	-	43	1.77E-05	2	1145.741	0.3	Salivary gland	2L:+:25973682-25973711	exon=> In CDS Exon 5 of transcript AGAP006063-PA
JHU_Ag_34448	TFGPLTHLPQQMGPPAQTIIR	AGAP006063-PA	M12(Oxidation)	86	2.03E-08	1	2319.233	2.15	Head	2L:+:25973712-25973774	exon=> In CDS Exon 5 of transcript AGAP006063-PA
JHU_Ag_61714	IAESEESEEETDSYR	AGAP006063-PA	-	110	3.38E-11	2	1773.732	1.03	Salivary gland	2L:+:25974312-25974356	exon=> In CDS Exon 5 of transcript AGAP006063-PA
JHU_Ag_61880	VNLPLDLHLTDLASAILR	AGAP006063-PA	-	85	2.40E-09	1	1974.150	6.16	Salivary gland	2L:+:25972733-25972786	exon=> In CDS Exon 3 of transcript AGAP006063-PA
JHU_Ag_62361	AQALMQDNLSADESNLQTIDR	AGAP006063-PA	M5(Oxidation)	96	4.04E-09	2	2349.103	1.71	Salivary gland	2L:+:25972523-25972585	exon=> In CDS Exon 3 of transcript AGAP006063-PA
JHU_Ag_80355	SLLTPISLPGK	AGAP006063-PA	-	41	0.000208002	2	1125.688	0.28	Salivary gland	2L:+:25974570-25974602	exon=> In CDS Exon 5 of transcript AGAP006063-PA
JHU_Ag_83855	IAIFCESGNELKNEDAEPVR	AGAP006063-PA	C5(Carbamidomethyl)	109	2.04E-10	1	2291.105	3.48	Salivary gland	2L:+:25973008-25973042,25973657-25973681	exon=> In CDS Exon 4 and 5 of transcript AGAP006063-PA
JHU_Ag_87613	ELMLEAMQQELPK	AGAP006063-PA	M3(Oxidation), M7(Oxidation)	83	8.06E-08	2	1591.771	0.14	Salivary gland	2L:+:25964468-25964494,25972511-25972522	exon=> In CDS Exon 2 and 3 of transcript AGAP006063-PA
JHU_Ag_109346	QDYAASEVYSTTSEAPPAYK	AGAP006063-PA	-	78	1.81E-07	2	2177.988	0.21	Salivary gland	2L:+:25950398-25950448,25964303-25964311	exon=> In CDS Exon 1 and 2 of transcript AGAP006063-PA
JHU_Ag_117633	VPIPEFMRPFLPPQIVR	AGAP006063-PA	M7(Oxidation)	41	0.000290133	1	2052.151	2.16	Salivary gland	2L:+:25974051-25974101	exon=> In CDS Exon 5 of transcript AGAP006063-PA
JHU_Ag_5352	SQEEIAAEFQQLR	AGAP006070-PA	-	113	8.42E-11	1	1548.768	2.03	Head	2L:+:26054026-26054064	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_16284	KSQEEIAAEFQQLR	AGAP006070-PA	-	57	3.10E-05	1	1676.862	1.29	Ovary	2L:+:26054023-26054064	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_18049	SQEEIAAEFQQLR	AGAP006070-PA	-	71	1.27E-06	2	1548.765	-0.33	Visceras	2L:+:26054026-26054064	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_35380	ATLVAPQAGGSTGGKPK	AGAP006070-PA	N-Term(Acetyl)	81	7.03E-08	1	1581.857	-1.42	Head	2L:+:26053966-26054016	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_40056	SQEEIAAEFQQLR	AGAP006070-PA	-	107	3.37E-10	2	1548.765	-0.25	Midgut	2L:+:26054026-26054064	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_46270	NLVNNLNTIEMDLK	AGAP006070-PA	M11(Oxidation)	72	9.80E-07	2	1646.847	3.02	Head	2L:+:26054077-26054118	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_48783	ATLVAPQAGGSTGGKPK	AGAP006070-PA	N-Term(Acetyl)	46	0.000216017	1	1581.861	0.67	Visceras	2L:+:26053966-26054016	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_57708	NVLVGNL	AGAP006070-PA	-	33	0.001699659	2	728.430	0.18	Ovary	2L:+:26054550-26054570	exon=> In CDS Exon 2 of transcript AGAP006070-PA

JHU_Ag_62822	SQEEIAAEFQQLR	AGAP006070-PA	-	100	1.61E-09	1	1548.763	-1.51	Ovary	2L:+:26054026-26054064	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_66219	LIEEGKEQITK	AGAP006070-PA	-	75	3.80E-07	1	1287.716	0.46	Malpighian tubule	2L:+:26054391-26054423	exon=> In CDS Exon 2 of transcript AGAP006070-PA
JHU_Ag_66903	DEHNIK	AGAP006070-PA	-	42	0.000351878	1	755.370	2.69	Head	2L:+:26054451-26054468	exon=> In CDS Exon 2 of transcript AGAP006070-PA
JHU_Ag_71262	NLVNNLNTIEMDLK	AGAP006070-PA	-	44	0.000730328	2	1630.852	3.22	Midgut	2L:+:26054077-26054118	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_77784	ATLVAPQAGGSTGGKPK	AGAP006070-PA	N-Term(Acetyl)	81	6.26E-08	1	1581.859	-0.49	Ovary	2L:+:26053966-26054016	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_78425	SQEEIAAEFQQLRNQQR	AGAP006070-PA	-	38	0.002261087	1	2075.030	1.59	Malpighian tubule	2L:+:26054026-26054076	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_82370	DEHNIK	AGAP006070-PA	-	38	0.001032939	1	755.369	1.15	Malpighian tubule	2L:+:26054451-26054468	exon=> In CDS Exon 2 of transcript AGAP006070-PA
JHU_Ag_85755	NLVNNLNTIEMDLKEHK	AGAP006070-PA	M11(Oxidation)	46	0.00031061	1	2041.040	0.71	Ovary	2L:+:26054077-26054126,26054258-26054258	exon=> In CDS Exon 1 and 2 of transcript AGAP006070-PA
JHU_Ag_88369	LIEEGKEQITK	AGAP006070-PA	-	75	3.21E-07	1	1287.717	1.31	Ovary	2L:+:26054391-26054423	exon=> In CDS Exon 2 of transcript AGAP006070-PA
JHU_Ag_91086	ATLVAPQAGGSTGGKPK	AGAP006070-PA	N-Term(Acetyl)	109	1.03E-10	1	1581.861	0.59	Malpighian tubule	2L:+:26053966-26054016	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_96970	NLVNNLNTIEMDLK	AGAP006070-PA	M11(Oxidation)	100	1.69E-09	1	1646.843	0.43	Ovary	2L:+:26054077-26054118	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_98954	LIGGVLVEQTVEVVLPQLELNK	AGAP006070-PA	-	144	3.75E-15	1	2390.397	2.68	Ovary	2L:+:26054310-26054375	exon=> In CDS Exon 2 of transcript AGAP006070-PA
JHU_Ag_111452	GLEINQFKDEHNIK	AGAP006070-PA	-	100	1.37E-09	1	1684.864	-0.72	Ovary	2L:+:26054427-26054468	exon=> In CDS Exon 2 of transcript AGAP006070-PA
JHU_Ag_116747	SQEEIAAEFQQLR	AGAP006070-PA	-	112	1.02E-10	2	1548.773	4.63	Malpighian tubule	2L:+:26054026-26054064	exon=> In CDS Exon 1 of transcript AGAP006070-PA
JHU_Ag_64954	AGLDALNVSLDTLR	AGAP006072-PA	-	72	6.67E-07	2	1457.797	0.86	Midgut	2L:-:26059896-26059855	exon=> In CDS Exon 2 of transcript AGAP006072-PA
JHU_Ag_27829	TLQEDTVICGYR	AGAP006082-PA	C9(Carbamidomethyl)	46	0.000291253	2	1454.699	2.89	Salivary gland	2L:-:26137001-26136966	exon=> In CDS Exon 6 of transcript AGAP006082-PA
JHU_Ag_18967	SVGGGHDYDSETPITHVTNSLDK	AGAP006083-PA,AGAP006083-PB	-	31	0.008557914	1	2429.118	-1.67	Head	2L:-:26150778-26150710;2L:-:26150778-26150710	exon=> In CDS Exon 9 of transcript AGAP006083-PA;exon=> In CDS Exon 7 of transcript AGAP006083-PB
JHU_Ag_12892	LRHELETDGSVGPR	AGAP006084-PA	-	36	0.004453045	2	1565.800	-1.7	Head	2L:+:26266263-26266304	exon=> In CDS Exon 2 of transcript AGAP006084-PA
JHU_Ag_45060	SAINQAAAAAATERPLLDLSSDEPSAGSDR	AGAP006084-PA	-	66	3.47E-06	1	2984.468	4.25	Head	2L:+:26266305-26266394	exon=> In CDS Exon 2 of transcript AGAP006084-PA
JHU_Ag_274	LIEFLQSTLR	AGAP006088-PA	-	79	4.79E-08	1	1219.705	0.07	Male reproductive organs	2L:-:26350700-26350671	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_42213	DVMASPSIGWSGTLGDVWAGGK	AGAP006088-PA	M3(Oxidation)	98	2.52E-09	2	2207.041	-1.16	Male reproductive organs	2L:-:26350670-26350605	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_52918	VNDLKDYLFK	AGAP006088-PA	-	79	1.03E-07	1	1254.672	-0.5	Male reproductive organs	2L:-:26350508-26350479	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_56545	ELFIPGTHDSASYK	AGAP006088-PA	-	46	0.000461863	2	1564.765	0.67	Male reproductive organs	2L:-:26351036-26350995	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_78010	DGFDPLHQETIITK	AGAP006088-PA	-	73	7.64E-07	1	1613.818	0.4	Male reproductive organs	2L:-:26350994-26350953	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_78179	LHPLINVLEQIKR	AGAP006088-PA	-	38	0.000139666	1	1572.959	0.37	Male reproductive organs	2L:-:26350826-26350788	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_79260	YSLTQDEDVYGQLLHGIR	AGAP006088-PA	-	127	3.29E-12	1	2107.051	2.4	Male reproductive organs	2L:-:26350952-26350899	exon=> In CDS Exon 2 of transcript AGAP006088-PA

JHU_Ag_96205	EYSFRPVADMAELTPDPWGVITDR	AGAP006088-PA	M10(Oxidation)	50	0.000143819	1	2781.322	0.97	Male reproductive organs	2L:-:26350384-26350313	exon=> In CDS Exon 3 of transcript AGAP006088-PA
JHU_Ag_107578	EVLFSLQPVYTNGWTK	AGAP006088-PA	Q7(Deamidated), N12(Deamidated),N12(Deamidated)	90	1.12E-08	1	1882.971	6.64	Male reproductive organs	2L:-:26353947-26353900	exon=> In CDS Exon 1 of transcript AGAP006088-PA
JHU_Ag_109884	LHPLINVLEQIK	AGAP006088-PA	-	29	0.000862806	2	1416.858	0.16	Male reproductive organs	2L:-:26350826-26350791	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_116732	TPFWANHGISR	AGAP006088-PA	-	70	1.37E-06	1	1285.647	2.69	Male reproductive organs	2L:-:26350859-26350827	exon=> In CDS Exon 2 of transcript AGAP006088-PA
JHU_Ag_56977	LHVSNIPFR	AGAP006089-PA	-	31	0.004517311	1	1082.608	-2.09	Head	2L:+:26493987-26494013	exon=> In CDS Exon 1 of transcript AGAP006089-PA
JHU_Ag_8552	AEKELTEAGIEVAEVASCLSK	AGAP006090-PA	C18(Carbamidomethyl)	55	4.52E-05	1	2234.131	3.77	Ovary	2L:-:26548143-26548081	exon=> In CDS Exon 2 of transcript AGAP006090-PA
JHU_Ag_10968	ELTEAGIEVAEVASCLSK	AGAP006090-PA	C15(Carbamidomethyl)	53	8.19E-05	1	1905.959	5.87	Ovary	2L:-:26548134-26548081	exon=> In CDS Exon 2 of transcript AGAP006090-PA
JHU_Ag_89286	GYGYVQFR	AGAP006090-PA	-	54	5.14E-05	1	989.484	0.4	Ovary	2L:-:26548422-26548399	exon=> In CDS Exon 2 of transcript AGAP006090-PA
JHU_Ag_104479	GFYEDELR	AGAP006090-PA	-	35	0.002105261	1	1028.468	-0.79	Ovary	2L:-:26548518-26548495	exon=> In CDS Exon 2 of transcript AGAP006090-PA
JHU_Ag_29966	EVYEEVDHVLR	AGAP006091-PA	-	53	7.15E-05	2	1387.700	10.61	Midgut	2L:+:26554352-26554384	exon=> In CDS Exon 1 of transcript AGAP006091-PA
JHU_Ag_111653	EVYEEVDHVLR	AGAP006091-PA	-	61	1.21E-05	2	1387.688	1.82	Head	2L:+:26554352-26554384	exon=> In CDS Exon 1 of transcript AGAP006091-PA
JHU_Ag_113728	EAIADPSPECQEK	AGAP006091-PA	C10(Carbamidomethyl)	44	0.000330112	1	1473.656	2.21	Malpighian tubule	2L:+:26581411-26581449	exon=> In CDS Exon 2 of transcript AGAP006091-PA
JHU_Ag_78900	NIVFVGGVEPIIR	AGAP006092-PA	-	32	0.003579933	1	1412.820	-4	Salivary gland	2L:-:26588208-26588170	exon=> In CDS Exon 2 of transcript AGAP006092-PA
JHU_Ag_93963	ANPPSDPEFDLASLDATLAR	AGAP006095-PA	-	68	2.61E-06	1	2100.026	0.7	Head	2L:-:26615644-26615585	exon=> In CDS Exon 2 of transcript AGAP006095-PA
JHU_Ag_108378	LLEDLRANPPSDPEFDLASLDATLAR	AGAP006095-PA	-	157	2.07E-15	1	2839.458	3.69	Malpighian tubule	2L:-:26615662-26615585	exon=> In CDS Exon 2 of transcript AGAP006095-PA
JHU_Ag_1556	DRVDPDLINAGK	AGAP006096-PA	-	75	3.49E-07	2	1312.689	2.67	Malpighian tubule	2L:-:26620698-26620663	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_2955	GMGGAMDLVAAPGTK	AGAP006096-PA	M2(Oxidation), M6(Oxidation)	88	2.50E-08	2	1407.663	1.68	Visceras	2L:-:26620421-26620377	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_6566	AHVADEAGNLIFNK	AGAP006096-PA	-	74	6.03E-07	1	1498.764	-0.93	Salivary gland	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_8013	VIVTMEHNAKDGSHK	AGAP006096-PA	M5(Oxidation)	35	0.005593158	1	1681.835	1.51	Malpighian tubule	2L:-:26620376-26620332	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_12112	AHVADEAGNLIFNK	AGAP006096-PA	-	110	1.18E-10	1	1498.766	0.41	Visceras	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_12121	ILSNCNLPVTGR	AGAP006096-PA	C5(Carbamidomethyl)	70	1.37E-06	1	1343.708	-1.85	Salivary gland	2L:-:26620331-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_12403	SKIYASADEAIADIPDGAK	AGAP006096-PA	-	137	3.11E-13	1	1934.974	1.88	Malpighian tubule	2L:-:26624031-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_13690	YGPGGTIEIASEPRPMQLFNGKPYIMEEAITGDFALVK	AGAP006096-PA	M16(Oxidation)	79	8.58E-08	1	4156.091	3.32	Visceras	2L:-:26621253-26621140	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_14040	MIASYVGENAEFER	AGAP006096-PA	M1(Oxidation)	49	0.00013229	2	1631.731	-3.72	Midgut	2L:-:26621442-26621401	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_14636	MIASYVGENAEFER	AGAP006096-PA	M1(Oxidation)	121	9.86E-12	1	1615.745	1.63	Malpighian tubule	2L:-:26621442-26621401	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_15452	AHVADEAGNLIFNK	AGAP006096-PA	-	34	0.004850692	2	1498.767	1.22	Larva	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_15669	IIKGPSYEK	AGAP006096-PA	-	36	0.0015891	2	1034.590	1.6	Head	2L:-:26620968-26620942	exon=> In CDS Exon 3 of transcript AGAP006096-PA

JHU_Ag_17151	GMGGAMDLVAAPGTK	AGAP006096-PA	M2(Oxidation), M6(Oxidation)	89	2.11E-08	1	1407.663	1.5	Head	2L:-:26620421-26620377	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_17726	QYLSGELELELTPQGTLAER	AGAP006096-PA	-	100	1.24E-09	2	2247.153	0.99	Viscera	2L:-:26621400-26621341	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_17732	ETVTVLPGASYFSSDDSFAMIR	AGAP006096-PA	M20(Oxidation)	135	5.15E-13	1	2393.140	2.77	Malpighian tubule	2L:-:26620662-26620597	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_18491	GMGGAMDLVAAPGTK	AGAP006096-PA	M2(Oxidation), M6(Oxidation)	64	6.28E-06	2	1407.662	1.07	Salivary gland	2L:-:26620421-26620377	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_19384	ILSNCNLPVTGR	AGAP006096-PA	C5(Carbamidomethyl)	73	6.51E-07	2	1343.710	-0.22	Viscera	2L:-:26620331-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_24474	GMGGAMDLVAAPGTK	AGAP006096-PA	M2(Oxidation), M6(Oxidation)	98	2.63E-09	1	1407.659	-1.44	Ovary	2L:-:26620421-26620377	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_25597	VTIVEVEEIVPVGSLDPDQVHMPSVFVHR	AGAP006096-PA	M22(Oxidation)	107	1.69E-10	1	3243.682	3.16	Head	2L:-:26621055-26620969	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_25671	DGSHKILSNCNLPVTGR	AGAP006096-PA	C10(Carbamidomethyl)	103	6.66E-10	1	1867.950	3.01	Malpighian tubule	2L:-:26620346-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_28618	VTIVEVEEIVPVGSLDPDQVHMPSVFVHR	AGAP006096-PA	M22(Oxidation)	149	1.06E-14	1	3243.675	0.91	Malpighian tubule	2L:-:26621055-26620969	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_28814	MIASYVGENAEFER	AGAP006096-PA	M1(Oxidation)	47	0.000257384	2	1631.739	0.99	Salivary gland	2L:-:26621442-26621401	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_29141	AGGAGVPAFFTPTAYGTLVHEGGSPIK	AGAP006096-PA	-	88	1.71E-08	2	2602.337	2.62	Malpighian tubule	2L:-:26621334-26621254	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_29218	VTIVEVEEIVPVGSLDPDQVHMPSVFVHR	AGAP006096-PA	M22(Oxidation)	85	2.84E-08	1	3243.662	-3.08	Midgut	2L:-:26621055-26620969	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_29430	SKIYASADEAIADIPDGAK	AGAP006096-PA	-	99	1.79E-09	2	1934.973	1.43	Ovary	2L:-:26624031-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_32143	ETVTVLPGASYFSSDDSFAMIR	AGAP006096-PA	M20(Oxidation)	90	1.49E-08	2	2393.141	3.28	Viscera	2L:-:26620662-26620597	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_32422	ETVTVLPGASYFSSDDSFAMIR	AGAP006096-PA	M20(Oxidation)	67	3.55E-06	2	2409.133	2.03	Midgut	2L:-:26620662-26620597	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_32909	MIASYVGENAEFER	AGAP006096-PA	M1(Oxidation)	116	3.07E-11	1	1615.744	0.95	Head	2L:-:26621442-26621401	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_39394	IYASADEAIADIPDGAK	AGAP006096-PA	-	102	1.22E-09	2	1719.848	2.35	Pupa	2L:-:26624025-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_40273	AGGAGVPAFFTPTAYGTLVHEGGSPIK	AGAP006096-PA	-	54	4.50E-05	2	2602.344	5.34	Midgut	2L:-:26621334-26621254	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_40616	DRVDPDLINAGK	AGAP006096-PA	-	60	1.14E-05	2	1312.687	1.37	Midgut	2L:-:26620698-26620663	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_41212	NCVDMIITEK	AGAP006096-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M5(Oxidation)"	65	4.51E-06	1	1222.584	2.34	Malpighian tubule	2L:-:26620295-26620266	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_42596	IYASADEAIADIPDGAK	AGAP006096-PA	-	136	4.35E-13	2	1719.850	3.77	Malpighian tubule	2L:-:26624025-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_45676	MIASYVGENAEFERQYLSGELELELTPQGTLAER	AGAP006096-PA	M1(Oxidation)	59	1.11E-05	1	3859.881	3.01	Malpighian tubule	2L:-:26621442-26621341	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_46420	NFNPPMCK	AGAP006096-PA	C7(Carbamidomethyl)	36	0.001905891	1	1007.445	1.32	Malpighian tubule	2L:-:26621088-26621065	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_47951	AGGAGVPAFFTPTAYGTLVHEGGSPIK	AGAP006096-PA	-	87	2.26E-08	2	2602.337	2.81	Head	2L:-:26621334-26621254	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_50342	AHVADEAGNLIFNK	AGAP006096-PA	-	87	2.89E-08	2	1498.768	2.2	Pupa	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_50535	DRVDPDLINAGK	AGAP006096-PA	-	70	1.26E-06	1	1312.686	0.34	Ovary	2L:-:26620698-26620663	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_50687	AGASVVSSTPAAR	AGAP006096-PA	-	76	4.02E-07	1	1173.623	0.37	Head	2L:-:26620905-26620867	exon=> In CDS Exon 3 of transcript AGAP006096-PA

JHU_Ag_51357	DGMHINLGIGIPVLSSNYIPAGMNVLLQSENGILGLGPFPEK	AGAP006096-PA	M3(Oxidation), M23(Oxidation)	78	5.64E-08	1	4407.273	0.04	Malpighian tubule	2L:-:26620824-26620699	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_51767	AGGAGVPAFFTPTAYGTLVHEGGSPIK	AGAP006096-PA	-	50	0.000121175	1	2602.341	4.33	Ovary	2L:-:26621334-26621254	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_51868	LLVGGFGLCGIPENLIAALVAQR	AGAP006096-PA	C9(Carbamidomethyl)	101	1.76E-10	1	2381.345	3.31	Malpighian tubule	2L:-:26623974-26623906	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_51985	QYLSGELELELTPQGTLAER	AGAP006096-PA	-	55	4.53E-05	2	2247.143	-3.14	Midgut	2L:-:26621400-26621341	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_52940	IYASADEAIADIPDGAK	AGAP006096-PA	-	125	5.31E-12	2	1719.850	3.56	Ovary	2L:-:26624025-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_53060	VIVTMEHNAK	AGAP006096-PA	M5(Oxidation)	67	2.00E-06	1	1157.598	-0.05	Head	2L:-:26620376-26620347	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_53488	VTIVEVEEIVPVGSLDPDQVHMPSVFVHR	AGAP006096-PA	M22(Oxidation)	56	2.00E-05	1	3243.672	-0.14	Pupa	2L:-:26621055-26620969	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_54035	VTIVEVEEIVPVGSLDPDQVHMPSVFVHR	AGAP006096-PA	M22(Oxidation)	146	1.54E-14	1	3227.686	2.81	Visceras	2L:-:26621055-26620969	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_55224	IYASADEAIADIPDGAK	AGAP006096-PA	-	108	3.11E-10	1	1719.846	1.21	Visceras	2L:-:26624025-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_57786	DRVDPDLINAGK	AGAP006096-PA	-	79	1.46E-07	2	1312.685	-0.12	Visceras	2L:-:26620698-26620663	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_57811	ILSNCNLPVTGR	AGAP006096-PA	C5(Carbamidomethyl)	80	1.41E-07	2	1343.713	1.87	Head	2L:-:26620331-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_58562	GMGGAMDLVAAPGTK	AGAP006096-PA	M2(Oxidation),"M2(Oxidation), M6(Oxidation)",M6(Oxidation)	101	1.39E-09	2	1375.672	0.98	Malpighian tubule	2L:-:26620421-26620377	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_58705	MIASYVGENAEFER	AGAP006096-PA	-	47	0.000222 35	2	1615.741	-0.94	Visceras	2L:-:26621442-26621401	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_59256	ETVTVLPGASYFSSDDSFAMIR	AGAP006096-PA	M20(Oxidation)	134	6.37E-13	1	2409.131	1.42	Ovary	2L:-:26620662-26620597	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_60628	DLTVVSNNAGVDTFGLGLLLK	AGAP006096-PA	-	64	1.73E-06	1	2146.178	1.19	Ovary	2L:-:26623899-26624067,26620519-26621461	exon=> In CDS Exon 3 and 2 of transcript AGAP006096-PA
JHU_Ag_61970	LLVGGFGLCGIPENLIAALVAQR	AGAP006096-PA	C9(Carbamidomethyl)	106	5.03E-11	1	2381.347	4.16	Visceras	2L:-:26623974-26623906	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_62182	YGPGGTIEIASEPRPMQLFNGKPYIMEEAITGDFALVK	AGAP006096-PA	M16(Oxidation), M26(Oxidation),M26(Oxidation)	122	3.87E-12	1	4156.088	2.61	Malpighian tubule	2L:-:26621253-26621140	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_63071	AGASVVSSTPAAR	AGAP006096-PA	-	54	6.66E-05	2	1173.621	-0.88	Ovary	2L:-:26620905-26620867	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_64796	AGASVVSSTPAAR	AGAP006096-PA	-	67	3.48E-06	1	1173.620	-1.92	Malpighian tubule	2L:-:26620905-26620867	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_65747	ILSNCNLPVTGR	AGAP006096-PA	C5(Carbamidomethyl)	79	1.57E-07	1	1343.712	1.15	Malpighian tubule	2L:-:26620331-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_66364	DRVDPDLINAGK	AGAP006096-PA	-	87	2.19E-08	1	1312.689	2.39	Head	2L:-:26620698-26620663	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_67999	SKIYASADEAIADIPDGAK	AGAP006096-PA	-	71	1.28E-06	2	1934.972	0.61	Head	2L:-:26624031-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_68240	ILSNCNLPVTGR	AGAP006096-PA	C5(Carbamidomethyl)	36	0.003588606	2	1343.715	3.42	Larva	2L:-:26620331-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_69681	IYASADEAIADIPDGAK	AGAP006096-PA	-	95	6.19E-09	2	1719.850	3.63	Salivary gland	2L:-:26624025-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_70834	AGGAGVPAFFTPTAYGTLVHEGGSPIK	AGAP006096-PA	-	65	4.01E-06	2	2602.331	0.37	Visceras	2L:-:26621334-26621254	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_71222	AHVADEAGNLIFNK	AGAP006096-PA	-	119	1.61E-11	1	1498.769	2.77	Malpighian tubule	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA

JHU_Ag_72171	QYLSGELELELTPQGTLAER	AGAP006096-PA	-	91	1.05E-08	2	2247.157	2.95	Head	2L:-:26621400-26621341	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_75805	IYASADEAIADIPDGAK	AGAP006096-PA	-	112	1.23E-10	1	1719.845	0.86	Midgut	2L:-:26624025-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_77342	GMGGAMDLVAAPGTK	AGAP006096-PA	M2(Oxidation), M6(Oxidation)	90	1.54E-08	2	1407.660	-0.4	Midgut	2L:-:26620421-26620377	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_77472	LLVGGFGLCGIPENLIAALVAQR	AGAP006096-PA	C9(Carbamidomethyl)	101	2.19E-10	1	2381.335	-1.07	Ovary	2L:-:26623974-26623906	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_78582	AHVADEAGNLIFNK	AGAP006096-PA	-	112	8.50E-11	1	1498.763	-1.06	Head	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_80428	IYASADEAIADIPDGAK	AGAP006096-PA	-	133	8.38E-13	2	1719.850	3.7	Head	2L:-:26624025-26623975	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_80918	KAGASVVSSTPAAR	AGAP006096-PA	-	77	2.84E-07	2	1301.718	0.43	Head	2L:-:26620908-26620867	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_84179	GMGGAMDLVAAPGTK	AGAP006096-PA	M2(Oxidation), M6(Oxidation)	70	1.60E-06	2	1407.667	4.19	Larva	2L:-:26620421-26620377	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_86754	LLVGGFGLCGIPENLIAALVAQR	AGAP006096-PA	C9(Carbamidomethyl)	62	1.49E-06	1	2381.338	0.08	Midgut	2L:-:26623974-26623906	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_88068	VTIVEVEEIVPVGSLDPDQVHMPSVFVHR	AGAP006096-PA	M22(Oxidation)	149	9.66E-15	1	3243.682	3.02	Ovary	2L:-:26621055-26620969	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_92408	QYLSGELELELTPQGTLAER	AGAP006096-PA	-	98	1.88E-09	2	2247.156	2.51	Malpighian tubule	2L:-:26621400-26621341	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_92728	AGASVVSSTPAAR	AGAP006096-PA	-	53	6.20E-05	1	1173.629	5.36	Salivary gland	2L:-:26620905-26620867	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_92996	ILSNCNLPVTGR	AGAP006096-PA	C5(Carbamidomethyl)	78	2.10E-07	1	1343.711	0.78	Ovary	2L:-:26620331-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_95329	MIASYVGENAEFER	AGAP006096-PA	M1(Oxidation)	75	3.92E-07	1	1631.739	1.07	Ovary	2L:-:26621442-26621401	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_95539	LLVGGFGLCGIPENLIAALVAQR	AGAP006096-PA	C9(Carbamidomethyl)	54	8.46E-06	1	2381.346	3.54	Head	2L:-:26623974-26623906	exon=> In CDS Exon 2 of transcript AGAP006096-PA
JHU_Ag_99189	VIVTMEHNAK	AGAP006096-PA	M5(Oxidation)	75	3.94E-07	1	1141.605	1.05	Malpighian tubule	2L:-:26620376-26620347	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_100749	DLTVVSNNAGVDTFGLGLLLK	AGAP006096-PA	-	159	4.95E-16	1	2146.177	0.76	Malpighian tubule	2L:-:26623899-26624067,26620519-26621461	exon=> In CDS Exon 3 and 2 of transcript AGAP006096-PA
JHU_Ag_102949	IIKGPSYEK	AGAP006096-PA	-	45	0.000254607	2	1034.588	-0.52	Malpighian tubule	2L:-:26620968-26620942	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_103311	ILSNCNLPVTGR	AGAP006096-PA	C5(Carbamidomethyl)	68	2.12E-06	1	1343.711	0.87	Male reproductive organs	2L:-:26620331-26620296	exon=> In CDS Exon 4 of transcript AGAP006096-PA
JHU_Ag_103953	ETVTVLPGASYFSSDDSFAMIR	AGAP006096-PA	M20(Oxidation)	69	2.12E-06	2	2409.134	2.33	Head	2L:-:26620662-26620597	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_107569	AHVADEAGNLIFNK	AGAP006096-PA	-	76	3.23E-07	2	1498.773	5.7	Midgut	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_111272	DLTVVSNNAGVDTFGLGLLLKEK	AGAP006096-PA	-	53	1.49E-05	1	2403.322	3.73	Malpighian tubule	2L:-:26623899-26624067,26620519-26621455	exon=> In CDS Exon 3 and 2 of transcript AGAP006096-PA
JHU_Ag_113333	AGGAGVPAFFTPTAYGTLVHEGGSPIK	AGAP006096-PA	-	40	0.001016606	1	2602.339	3.27	Pupa	2L:-:26621334-26621254	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_113624	VDPDLINAGK	AGAP006096-PA	-	44	0.000407181	1	1041.557	-0.25	Malpighian tubule	2L:-:26620692-26620663	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_114015	AHVADEAGNLIFNK	AGAP006096-PA	-	98	2.26E-09	1	1498.765	0.33	Ovary	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_114215	KAGASVVSSTPAAR	AGAP006096-PA	-	77	2.55E-07	2	1301.717	-0.23	Malpighian tubule	2L:-:26620908-26620867	exon=> In CDS Exon 3 of transcript AGAP006096-PA
JHU_Ag_114585	AHVADEAGNLIFNK	AGAP006096-PA	-	68	2.04E-06	1	1498.766	0.81	Male reproductive organs	2L:-:26621139-26621098	exon=> In CDS Exon 3 of transcript AGAP006096-PA

JHU_Ag_19254	LDALGAPAGANTAALGTR	AGAP006097-PA	-	42	0.000590771	2	1639.879	1.46	Male reproductive organs	2L:-:26630753-26630775,26629236-26629278	exon=> In CDS Exon 7 and 6 of transcript AGAP006097-PA
JHU_Ag_47181	LDALGAPAGANTAALGTR	AGAP006097-PA	-	72	5.38E-07	1	1639.880	2.13	Malpighian tubule	2L:-:26630753-26630775,26629236-26629278	exon=> In CDS Exon 7 and 6 of transcript AGAP006097-PA
JHU_Ag_51312	LDALGAPAGANTAALGTR	AGAP006097-PA	-	85	2.61E-08	1	1639.877	0.57	Head	2L:-:26630753-26630775,26629236-26629278	exon=> In CDS Exon 7 and 6 of transcript AGAP006097-PA
JHU_Ag_92615	LDALGAPAGANTAALGTR	AGAP006097-PA	-	55	2.65E-05	2	1639.881	2.88	Visceras	2L:-:26630753-26630775,26629236-26629278	exon=> In CDS Exon 7 and 6 of transcript AGAP006097-PA
JHU_Ag_104541	LDALGAPAGANTAALGTR	AGAP006097-PA	-	37	0.001636603	2	1639.878	0.94	Ovary	2L:-:26630753-26630775,26629236-26629278	exon=> In CDS Exon 7 and 6 of transcript AGAP006097-PA
JHU_Ag_3960	LNDELNNLFLR	AGAP006097-PA,AGAP006097-PB	-	73	6.82E-07	2	1360.718	-2.98	Midgut	2L:-:26631277-26631245;2L:-:26631277-26631245	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_9577	GIEFPATDLDAIAPIYTPQR	AGAP006097-PA,AGAP006097-PB	-	80	1.12E-07	2	2188.134	2.52	Visceras	2L:-:26631917-26631858;2L:-:26631917-26631858	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_9733	VLSLIQIWADAFR	AGAP006097-PA,AGAP006097-PB	-	57	9.62E-06	2	1531.867	2.39	Visceras	2L:-:26632010-26631972;2L:-:26632010-26631972	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_14314	AAVAETLPTISSSSTTSSSPATTAK	AGAP006097-PA,AGAP006097-PB	-	103	6.08E-10	1	2366.200	2.58	Head	2L:-:26628773-26628699;2L:-:26628773-26628699	exon=> In CDS Exon 8 of transcript AGAP006097-PA;exon=> In CDS Exon 7 of transcript AGAP006097-PB
JHU_Ag_18247	IVDLIGK	AGAP006097-PA,AGAP006097-PB	-	32	0.001701923	1	757.481	-0.57	Malpighian tubule	2L:-:26631334-26631314;2L:-:26631334-26631314	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_24596	LNDELNNLFLR	AGAP006097-PA,AGAP006097-PB	-	85	4.82E-08	1	1360.726	2.67	Malpighian tubule	2L:-:26631277-26631245;2L:-:26631277-26631245	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_27734	GIEFPATDLDAIAPIYTPQR	AGAP006097-PA,AGAP006097-PB	-	57	2.61E-05	2	2188.135	3.08	Midgut	2L:-:26631917-26631858;2L:-:26631917-26631858	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_33254	SQPDLNGVVQVYQELK	AGAP006097-PA,AGAP006097-PB	-	45	0.000403659	2	1816.947	1.68	Ovary	2L:-:26631971-26631924;2L:-:26631971-26631924	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_34444	AFHVLVANK	AGAP006097-PA,AGAP006097-PB	-	60	5.74E-06	1	998.578	-0.59	Head	2L:-:26632106-26632080;2L:-:26632106-26632080	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_35268	SQPDLNGVVQVYQELK	AGAP006097-PA,AGAP006097-PB	-	69	1.76E-06	2	1816.944	0.06	Midgut	2L:-:26631971-26631924;2L:-:26631971-26631924	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB

JHU_Ag_37234	VQHDELTAELLR	AGAP006097-PA,AGAP006097-PB	-	104	4.14E-10	1	1423.758	3.03	Head	2L:-:26631313-26631278;2L:-:26631313-26631278	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_46128	GIEFPATDLDAIAPIYTPQR	AGAP006097-PA,AGAP006097-PB	-	86	3.27E-08	2	2188.132	1.74	Head	2L:-:26631917-26631858;2L:-:26631917-26631858	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_48690	LNDELNNLFLR	AGAP006097-PA,AGAP006097-PB	-	76	3.37E-07	2	1360.726	2.76	Visceras	2L:-:26631277-26631245;2L:-:26631277-26631245	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_49582	SQPDLNGVVQVYQELK	AGAP006097-PA,AGAP006097-PB	-	46	0.000324676	2	1816.948	2.08	Malpighian tubule	2L:-:26631971-26631924;2L:-:26631971-26631924	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_49865	GIEFPATDLDAIAPIYTPQR	AGAP006097-PA,AGAP006097-PB	-	80	1.17E-07	2	2188.133	1.96	Ovary	2L:-:26631917-26631858;2L:-:26631917-26631858	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_66245	GIEFPATDLDAIAPIYTPQR	AGAP006097-PA,AGAP006097-PB	-	104	4.57E-10	1	2188.138	4.08	Malpighian tubule	2L:-:26631917-26631858;2L:-:26631917-26631858	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_67184	NASSATPSAILGAALGAVEMR	AGAP006097-PA,AGAP006097-PB	M20(Oxidation)	80	1.47E-07	1	2003.025	1.28	Malpighian tubule	2L:-:26631211-26631149;2L:-:26631211-26631149	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_71685	LLTDLTSTCR	AGAP006097-PA,AGAP006097-PB	C9(Carbamidomethyl)	60	1.57E-05	1	1179.603	-0.76	Malpighian tubule	2L:-:26631447-26631588,26630853-26631350;2L:-:26631447-26631588,26630853-26631350	exon=> In CDS Exon 5 and 4 of transcript AGAP006097-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP006097-PB
JHU_Ag_73793	AFHVLVANKEFIQELVK	AGAP006097-PA,AGAP006097-PB	-	43	0.000160809	1	1985.127	2.69	Malpighian tubule	2L:-:26632106-26632056;2L:-:26632106-26632056	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_77566	VQHDELTAELLR	AGAP006097-PA,AGAP006097-PB	-	51	9.38E-05	1	1423.755	0.97	Malpighian tubule	2L:-:26631313-26631278;2L:-:26631313-26631278	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_79346	LNDELNNLFLR	AGAP006097-PA,AGAP006097-PB	-	60	0.00001365	2	1360.726	2.94	Head	2L:-:26631277-26631245;2L:-:26631277-26631245	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_81211	GIEFPATDLDAIAPIYTPQR	AGAP006097-PA,AGAP006097-PB	-	90	1.09E-08	2	2188.136	3.42	Male reproductive organs	2L:-:26631917-26631858;2L:-:26631917-26631858	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_97179	EFIQELVK	AGAP006097-PA,AGAP006097-PB	-	43	0.000533339	2	1005.563	1.52	Salivary gland	2L:-:26632079-26632056;2L:-:26632079-26632056	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB

JHU_Ag_97201	EFIQELVK	AGAP006097-PA,AGAP006097-PB	-	37	0.001918684	2	1005.564	2.67	Malpighian tubule	2L:-:26632079-26632056;2L:-:26632079-26632056	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_99180	LNDELNNLFLR	AGAP006097-PA,AGAP006097-PB	-	67	2.58E-06	2	1360.723	0.88	Ovary	2L:-:26631277-26631245;2L:-:26631277-26631245	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_102626	LNDELNNLFLR	AGAP006097-PA,AGAP006097-PB	-	63	6.36E-06	2	1360.726	2.76	Male reproductive organs	2L:-:26631277-26631245;2L:-:26631277-26631245	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_103830	SQPDLNGVVQVYQELK	AGAP006097-PA,AGAP006097-PB	-	64	5.12E-06	2	1816.950	3.56	Head	2L:-:26631971-26631924;2L:-:26631971-26631924	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_112535	VQHDELTAELLR	AGAP006097-PA,AGAP006097-PB	-	62	6.68E-06	2	1423.761	4.92	Midgut	2L:-:26631313-26631278;2L:-:26631313-26631278	exon=> In CDS Exon 5 of transcript AGAP006097-PA;exon=> In CDS Exon 5 of transcript AGAP006097-PB
JHU_Ag_114718	VLSLIQIWADAFR	AGAP006097-PA,AGAP006097-PB	-	99	7.44E-10	1	1531.863	0.16	Midgut	2L:-:26632010-26631972;2L:-:26632010-26631972	exon=> In CDS Exon 2 of transcript AGAP006097-PA;exon=> In CDS Exon 2 of transcript AGAP006097-PB
JHU_Ag_181	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl)	98	2.70E-09	1	1740.832	3.08	Male reproductive organs	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_593	LPVEVQAVELLHK	AGAP006099-PA	-	115	8.24E-12	1	1474.864	1.01	Malpighian tubule	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_943	SLSVSDADVAR	AGAP006099-PA	-	65	4.86E-06	2	1119.564	-0.19	Salivary gland	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_2029	ISIVFR	AGAP006099-PA	-	37	0.000509526	2	734.458	2.51	Salivary gland	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_2077	AAVAVGAQAVGWSSMK	AGAP006099-PA	M15(Oxidation)	90	1.85E-08	2	1548.784	0.31	Salivary gland	2L:+:26648754-26648801	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_2602	LVVASADPNAAVSR	AGAP006099-PA	-	87	1.66E-08	1	1369.744	0.16	Pupa	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_3967	ASALAAAAEYTENQSTLLHQLGEESALLGQVYKK	AGAP006099-PA	Q20(Deamidated),Q30(Deamidated)	204	2.68E-20	1	3604.859	2.6	Ovary	2L:+:26649057-26649158	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_4108	ALAGVNSSSLYNGYSDNGMFGFVLSGDAK	AGAP006099-PA	M19(Oxidation),"N17(Deamidated), M19(Oxidation)"	73	5.79E-07	1	2957.352	-3.62	Midgut	2L:+:26648889-26648975	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_4462	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl)	110	1.67E-10	1	1526.737	-0.63	Salivary gland	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_5085	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl),"N5(Deamidated), C9(Carbamidomethyl)"	112	8.72E-11	1	1740.832	3.29	Head	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_5244	ASALAAAAEYTENQSTLLHQLGEESALLGQVYKK	AGAP006099-PA	-	71	4.08E-07	1	3604.889	10.83	Salivary gland	2L:+:26649057-26649158	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_5303	NIQQAGGSLTTAADR	AGAP006099-PA	-	127	3.56E-12	1	1502.757	0.78	Visceras	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_5513	ASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	92	5.18E-09	3	3476.769	4.14	Head	2L:+:26649057-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_6510	HSSETMQHYFAANCTTNR	AGAP006099-PA	C14(Carbamidomethyl)	85	1.35E-08	1	2154.905	-1.47	Salivary gland	2L:+:26648559-26648612	exon=> In CDS Exon 3 of transcript AGAP006099-PA

JHU_Ag_6615	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	99	1.46E-09	1	2983.502	2.49	Pupa	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_7162	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	89	4.20E-09	2	2746.499	6.47	Salivary gland	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_8613	AAVAVGAQAVGWSSMK	AGAP006099-PA	M15(Oxidation)	102	1.06E-09	2	1548.785	0.63	Visceras	2L:+:26648754-26648801	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_9065	DQLEVGLK	AGAP006099-PA	-	57	3.73E-05	1	901.499	-0.28	Male reproductive organs	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_9667	SLSVSDADVARGK	AGAP006099-PA	-	80	1.95E-07	1	1304.680	-0.06	Malpighian tubule	2L:+:26649018-26649056	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_9714	SDLLAAVNAVTTGDVQAAARK	AGAP006099-PA	-	34	0.002416803	1	2071.117	1.52	Head	2L:+:26649159-26649209,26649302-26649313	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_10087	ELVTYSVAVTK	AGAP006099-PA	-	52	5.19E-05	2	1209.672	-0.13	Male reproductive organs	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_12104	LPVEVQAVELLHK	AGAP006099-PA	-	108	4.09E-11	1	1474.861	-1.22	Head	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_12609	SLSVSDADVAR	AGAP006099-PA	-	92	9.92E-09	2	1119.564	-0.41	Head	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_13230	SAFNTGEVRR	AGAP006099-PA	-	42	0.001235596	1	1136.580	-1.09	Midgut	2L:+:26648706-26648735	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_13776	LVVASADPNAAVSR	AGAP006099-PA	-	94	3.58E-09	2	1369.742	-0.73	Visceras	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_14035	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	141	9.54E-14	1	2983.493	-0.39	Salivary gland	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_14786	ALAGVNSSSLYNGYSDNGMFGFVLSGDAK	AGAP006099-PA	M19(Oxidation)	96	3.08E-09	2	2957.361	-0.48	Head	2L:+:26648889-26648975	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_14969	DGLGNSVFCPDYLVGKHSSETMQHYFAANCTTNR	AGAP006099-PA	C9(Carbamidomethyl),C30(Carbamidomethyl),"C9(Carbamidomethyl),M22(Oxidation),C30(Carbamidomethyl)"	88	9.30E-09	1	3892.708	-0.89	Malpighian tubule	2L:+:26648511-26648612	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_15534	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	196	2.12E-19	1	2071.111	-1.42	Midgut	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_15617	DQLEVGLK	AGAP006099-PA	-	67	3.99E-06	1	901.503	3.92	Visceras	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_16108	SDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	118	1.94E-11	2	1943.022	1.19	Visceras	2L:+:26649159-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_17301	GSAEVQTTTLPNK	AGAP006099-PA	-	87	3.23E-08	2	1345.698	1.46	Midgut	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_18596	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	160	6.86E-16	1	2071.119	2.23	Visceras	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_21619	EAMAFWVLQHAAGVGPATK	AGAP006099-PA	M3(Oxidation)	66	3.52E-06	1	1984.012	0.39	Pupa	2L:+:26648802-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_21837	NIQQAGGSLTTAADR	AGAP006099-PA	-	119	2.20E-11	1	1502.756	0.13	Malpighian tubule	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_22180	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	167	2.13E-16	1	2983.502	2.43	Visceras	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_23099	NIQQAGGSLTTAADR	AGAP006099-PA	Q4(Deamidated),Q3(Deamidated)	123	8.96E-12	1	1502.756	-0.03	Head	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_23561	GSAEVQTTTLPNK	AGAP006099-PA	-	87	3.11E-08	2	1345.700	2.91	Male reproductive organs	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA

JHU_Ag_23975	DQLEVGLK	AGAP006099-PA	-	56	4.47E-05	1	901.503	4.05	Ovary	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_24005	ELVTYSVAVTK	AGAP006099-PA	-	55	2.50E-05	2	1209.670	-1.95	Midgut	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_24177	GKASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	54	3.22E-05	1	3661.874	0.7	Malpighian tubule	2L:+:26649051-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_24813	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	106	1.60E-10	2	2071.121	3.18	Ovary	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_27569	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl)	96	3.91E-09	1	1526.741	1.85	Ovary	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_28907	DQLEVGLK	AGAP006099-PA	-	57	4.14E-05	1	901.500	1.01	Salivary gland	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_29358	LAIGAVGNLSHVPHLCELH	AGAP006099-PA	C16(Carbamidomethyl),"N8(Deamidated), C16(Carbamidomethyl)"	136	2.24E-13	1	2037.070	0.27	Malpighian tubule	2L:+:26649329-26649385	exon=> In CDS Exon 4 of transcript AGAP006099-PA
JHU_Ag_30872	AAGGLSTK	AGAP006099-PA	-	68	2.49E-06	2	704.393	-0.5	Male reproductive organs	2L:+:26648220-26648243	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_32157	ELVTYSVAVTKDQLEVGLK	AGAP006099-PA	-	86	9.68E-09	1	2092.153	-0.39	Midgut	2L:+:26648316-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_32368	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	170	5.05E-17	1	2746.479	-0.91	Midgut	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_33248	SAFNTGEVRR	AGAP006099-PA	-	35	0.006034427	1	1136.581	0.32	Head	2L:+:26648706-26648735	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_33616	SDLLAAVNAVTTGDVQAAARK	AGAP006099-PA	-	81	4.68E-08	1	2071.126	5.77	Malpighian tubule	2L:+:26649159-26649209,26649302-26649313	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_33790	LPVEVQAVELLHK	AGAP006099-PA	-	109	3.38E-11	1	1474.863	0.27	Visceras	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_34010	ASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	221	8.50E-22	1	3476.747	-2.07	Midgut	2L:+:26649057-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_34394	ISIVFR	AGAP006099-PA	-	37	0.000503693	2	734.457	1.18	Pupa	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_34748	TATAFGITR	AGAP006099-PA	-	37	0.002324087	2	937.509	-1.72	Pupa	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_34908	ASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	228	1.54E-22	1	3476.760	1.51	Salivary gland	2L:+:26649057-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_35034	GSAEVQTTTLPNKLVVASADPNAAVSR	AGAP006099-PA	-	48	8.51E-05	1	2696.431	3.62	Ovary	2L:+:26647979-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_35244	SDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	76	3.03E-07	1	1943.027	3.82	Ovary	2L:+:26649159-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_35884	AAFRDGLGNSVFCPDYLVGK	AGAP006099-PA	C13(Carbamidomethyl)	50	0.000137775	1	2186.080	4.43	Ovary	2L:+:26648499-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_35932	ISIVFR	AGAP006099-PA	-	41	0.000238952	2	734.455	-1.4	Head	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_35937	ELVTYSVAVTK	AGAP006099-PA	-	32	0.003508778	2	1209.679	5.42	Salivary gland	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_36677	TATAFGITR	AGAP006099-PA	-	52	6.44E-05	2	937.509	-0.8	Midgut	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_36839	AGSRNETADCLGAAHVLR	AGAP006099-PA	C10(Carbamidomethyl)	94	6.35E-09	1	1897.929	-0.44	Visceras	2L:+:26648166-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA

JHU_Ag_37274	LPVEVQAVELLHK	AGAP006099-PA	-	97	4.72E-10	1	1474.865	1.39	Salivary gland	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_37362	TATAFGITR	AGAP006099-PA	-	47	0.000196081	2	937.512	1.8	Male reproductive organs	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_37660	SLSVSDADVAR	AGAP006099-PA	-	72	1.14E-06	2	1119.560	-3.24	Midgut	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_37791	SDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	133	5.75E-13	1	1943.023	2.03	Salivary gland	2L:+:26649159-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_37816	GKASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	55	2.46E-05	1	3661.867	-0.99	Head	2L:+:26649051-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_38038	LAIGAVGNLSHVPHLCELH	AGAP006099-PA	C16(Carbamidomethyl)	70	8.50E-07	1	2037.074	1.97	Larva	2L:+:26649329-26649385	exon=> In CDS Exon 4 of transcript AGAP006099-PA
JHU_Ag_38814	SLSVSDADVAR	AGAP006099-PA	-	81	1.22E-07	2	1119.566	1.45	Malpighian tubule	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_38957	AGSRNETADCLGAAHVLR	AGAP006099-PA	C10(Carbamidomethyl)	102	1.08E-09	1	1897.926	-2.17	Head	2L:+:26648166-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_40073	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	Q17(Deamidated)	174	2.63E-17	1	2071.115	0.46	Head	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_40213	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl)	83	6.96E-08	2	1526.740	1.29	Pupa	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_40285	LPVEVQAVELLHK	AGAP006099-PA	-	63	1.18E-06	2	1474.868	3.79	Larva	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_40332	ASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	213	4.84E-21	1	3476.754	-0.28	Ovary	2L:+:26649057-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_41203	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl)	124	5.41E-12	1	1526.743	3.44	Midgut	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_41926	SLSVSDADVAR	AGAP006099-PA	-	76	4.91E-07	2	1119.567	2.21	Male reproductive organs	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_42079	RGTNNGVLTK	AGAP006099-PA	N5(Deamidated),N4(Deamidated)	39	0.002303029	1	1060.574	-0.2	Midgut	2L:+:26648859-26648888	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_43013	TATAFGITR	AGAP006099-PA	-	60	8.77E-06	2	937.511	0.5	Malpighian tubule	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_43093	DQLEVGLK	AGAP006099-PA	-	58	3.37E-05	1	901.502	3.31	Malpighian tubule	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_44168	HSSETMQHYFAANCTTNR	AGAP006099-PA	M6(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	158	8.25E-16	1	2154.914	2.92	Malpighian tubule	2L:+:26648559-26648612	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_44580	LVVASADPNAAVSR	AGAP006099-PA	-	97	1.74E-09	1	1369.747	2.3	Ovary	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_44632	LPVEVQAVELLHK	AGAP006099-PA	-	115	1.01E-11	1	1474.859	-2.34	Midgut	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_45480	SAFNTGEVR	AGAP006099-PA	-	70	1.50E-06	2	980.481	1.71	Midgut	2L:+:26648706-26648732	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_45559	EAMAFWVLQHAAGVGPATK	AGAP006099-PA	M3(Oxidation)	134	5.91E-13	1	2000.011	2.36	Visceras	2L:+:26648802-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_45895	AAVAVGAQAVGWSSMK	AGAP006099-PA	M15(Oxidation)	103	8.38E-10	2	1548.787	1.89	Pupa	2L:+:26648754-26648801	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_46212	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	142	8.50E-14	1	2999.493	1.22	Male reproductive organs	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_48340	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	127	2.43E-12	1	2999.494	1.41	Larva	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_48447	SLSVSDADVAR	AGAP006099-PA	-	65	6.21E-06	2	1119.566	1.77	Ovary	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA

JHU_Ag_49058	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl)	73	7.75E-07	2	1740.834	4.41	Larva	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_49676	LVVASADPNAAVSR	AGAP006099-PA	-	103	4.22E-10	1	1369.744	0.07	Male reproductive organs	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_50136	EAMAFWVLQHAAGVGPATK	AGAP006099-PA	M3(Oxidation)	134	5.77E-13	1	2000.009	1.62	Head	2L:+:26648802-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_50423	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	48	0.000102512	3	2071.121	3.2	Pupa	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_51944	SAFNTGEVR	AGAP006099-PA	-	70	1.68E-06	2	980.478	-1.53	Salivary gland	2L:+:26648706-26648732	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_52323	DQLEVGLK	AGAP006099-PA	-	62	1.32E-05	1	901.500	0.67	Pupa	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_52909	AAVAVGAQAVGWSSMKEAMAFWVLQHAAGVGPATK	AGAP006099-PA	M15(Oxidation), M19(Oxidation)	40	0.000783369	1	3529.778	1.66	Malpighian tubule	2L:+:26648754-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_54625	LAIGAVGNLSHVPHLCELH	AGAP006099-PA	C16(Carbamidomethyl)	102	6.58E-10	1	2037.076	3.05	Ovary	2L:+:26649329-26649385	exon=> In CDS Exon 4 of transcript AGAP006099-PA
JHU_Ag_54754	NIQQAGGSLTTAADRELVTYSVAVTK	AGAP006099-PA	-	168	1.22E-16	1	2693.410	-0.14	Salivary gland	2L:+:26648271-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_54892	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	48	5.62E-05	3	2746.497	5.51	Pupa	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_55160	ALAGVNSSSLYNGYSDNGMFGFVLSGDAKDAGK	AGAP006099-PA	M19(Oxidation)	196	3.41E-19	1	3312.556	2.3	Malpighian tubule	2L:+:26648889-26648987	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_55839	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl)	104	6.75E-10	1	1526.739	0.89	Male reproductive organs	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_56537	GSAEVQTTTLPNK	AGAP006099-PA	-	83	8.53E-08	2	1345.696	-0.18	Malpighian tubule	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_56822	ELVTYSVAVTK	AGAP006099-PA	-	52	4.41E-05	2	1209.673	0.47	Head	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_56903	AAVAVGAQAVGWSSMK	AGAP006099-PA	M15(Oxidation)	105	5.43E-10	1	1548.789	3.31	Male reproductive organs	2L:+:26648754-26648801	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_57791	DGLGNSVFCPDYLVGK	AGAP006099-PA	N5(Deamidated), C9(Carbamidomethyl),C9(Carbamidomethyl)	106	4.02E-10	1	1740.825	-0.84	Midgut	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_57921	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	124	1.39E-12	1	2746.494	4.57	Ovary	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_59393	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl)	100	1.38E-09	1	1740.827	0.35	Pupa	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_59449	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	151	3.18E-15	1	2746.489	2.57	Visceras	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_59487	SAFNTGEVR	AGAP006099-PA	-	67	3.48E-06	2	980.479	-0.34	Ovary	2L:+:26648706-26648732	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_59798	TATAFGITR	AGAP006099-PA	-	66	2.70E-06	2	937.510	-0.48	Head	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_60497	GSAEVQTTTLPNKLVVASADPNAAVSR	AGAP006099-PA	-	37	0.001274211	3	2696.423	0.57	Visceras	2L:+:26647979-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_60563	NIQQAGGSLTTAADRELVTYSVAVTK	AGAP006099-PA	-	122	5.12E-12	1	2693.425	5.37	Male reproductive organs	2L:+:26648271-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_60612	RGTNNGVLTK	AGAP006099-PA	N5(Deamidated),N4(Deamidated)	53	7.56E-05	1	1059.590	-0.77	Head	2L:+:26648859-26648888	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_60842	ASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	94	3.10E-09	1	3476.771	4.72	Visceras	2L:+:26649057-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_60902	GSAEVQTTTLPNK	AGAP006099-PA	-	85	4.29E-08	2	1345.699	2.45	Ovary	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA

JHU_Ag_63410	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl),"N5 (Deamidated), C9(Carbamidomethyl)"	114	5.84E-11	1	1740.832	3.36	Visceras	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_63626	ELVTYSVAVTK	AGAP006099-PA	-	64	2.91E-06	2	1209.674	0.88	Visceras	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_63862	NIQQAGGSLTTAADR	AGAP006099-PA	-	89	2.24E-08	1	1502.758	1.59	Larva	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_63877	SAFNTGEVRR	AGAP006099-PA	-	40	0.001776286	1	1136.582	1.29	Visceras	2L:+:26648706-26648735	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_64882	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	130	6.78E-13	1	2071.114	-0.13	Male reproductive organs	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_65168	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl),"N1 (Deamidated), C6(Carbamidomethyl)"	119	1.85E-11	1	1526.742	2.64	Head	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_66567	ASALAAAAEYTENQSTLLHQLGEESALLGQVYKK	AGAP006099-PA	-	105	1.95E-10	1	3604.846	-1.01	Midgut	2L:+:26649057-26649158	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_66686	HSSETMQHYFAANCTTNR	AGAP006099-PA	M6(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	119	5.61E-12	1	2154.906	-0.82	Visceras	2L:+:26648559-26648612	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_67901	AVEAGVK	AGAP006099-PA	-	36	0.002762621	1	673.386	-2.93	Midgut	2L:+:26648988-26649008	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_68939	SAFNTGEVRR	AGAP006099-PA	-	50	0.000176674	1	1136.583	2.35	Ovary	2L:+:26648706-26648735	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_70548	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	193	2.27E-19	1	2746.489	2.82	Malpighian tubule	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_70705	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	167	2.09E-16	1	2983.501	2.31	Malpighian tubule	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_70844	LPVEVQAVELLHK	AGAP006099-PA	-	101	2.30E-10	1	1474.864	0.45	Pupa	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_70947	AAFRDGLGNSVFCPDYLVGK	AGAP006099-PA	C13(Carbamidomethyl)	83	6.26E-08	1	2186.076	2.95	Malpighian tubule	2L:+:26648499-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_71777	AAVAVGAQAVGWSSMK	AGAP006099-PA	M15(Oxidation)	92	1.16E-08	1	1548.789	2.99	Ovary	2L:+:26648754-26648801	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_73480	DQLEVGLK	AGAP006099-PA	-	66	6.00E-06	1	901.498	-1.57	Midgut	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_73567	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	164	5.11E-16	1	2999.485	-1.52	Midgut	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_74259	AGSRNETADCLGAAHVLR	AGAP006099-PA	C10(Carbamidomethyl)	40	0.001755962	1	1897.929	-0.53	Male reproductive organs	2L:+:26648166-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_74295	NIQQAGGSLTTAADRELVTYSVAVTK	AGAP006099-PA	N1(Deamidated)	178	1.22E-17	1	2693.415	1.7	Malpighian tubule	2L:+:26648271-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_74442	ALAGVNSSSLYNGYSDNGMFGFVLSGDAK	AGAP006099-PA	M19(Oxidation)	86	3.83E-08	2	2941.376	2.85	Malpighian tubule	2L:+:26648889-26648975	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_74574	AGSRNETADCLGAAHVLR	AGAP006099-PA	C10(Carbamidomethyl)	117	3.35E-11	1	1897.930	0.09	Malpighian tubule	2L:+:26648166-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_75437	GSAEVQTTTLPNK	AGAP006099-PA	Q6(Deamidated)	88	2.22E-08	1	1345.695	-0.63	Head	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_76220	NIQQAGGSLTTAADR	AGAP006099-PA	-	119	2.24E-11	1	1502.757	0.46	Midgut	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_77391	DAGKAVEAGVK	AGAP006099-PA	-	75	5.94E-07	1	1044.568	-0.41	Malpighian tubule	2L:+:26648976-26649008	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_77596	SAFNTGEVR	AGAP006099-PA	-	64	5.63E-06	2	980.478	-1.28	Malpighian tubule	2L:+:26648706-26648732	exon=> In CDS Exon 3 of transcript AGAP006099-PA

JHU_Ag_78035	EAMAFWVLQHAAGVGPATK	AGAP006099-PA	M3(Oxidation)	170	1.37E-16	1	1984.017	3.07	Malpighian tubule	2L:+:26648802-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_78562	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	187	1.39E-18	1	2071.115	0.23	Malpighian tubule	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_78752	GTNNGVLTK	AGAP006099-PA	N4(Deamidated)	58	3.38E-05	1	904.473	-0.86	Malpighian tubule	2L:+:26648862-26648888	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_79149	LVVASADPNAAVSR	AGAP006099-PA	N9(Deamidated)	116	1.91E-11	1	1369.746	1.76	Head	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_79479	LPVEVQAVELLHK	AGAP006099-PA	-	109	3.37E-11	1	1474.862	-0.6	Male reproductive organs	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_79864	GSAEVQTTTLPNKLVVASADPNAAVSR	AGAP006099-PA	-	87	1.20E-08	2	2696.432	3.79	Malpighian tubule	2L:+:26647979-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_80237	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	96	1.10E-09	1	2746.490	3.24	Head	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_82294	GSAEVQTTTLPNKLVVASADPNAAVSR	AGAP006099-PA	-	71	6.71E-07	2	2696.418	-1.47	Head	2L:+:26647979-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_82581	LVVASADPNAAVSR	AGAP006099-PA	-	73	3.92E-07	2	1369.747	2.74	Larva	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_82871	NIQQAGGSLTTAADRELVTYSVAVTK	AGAP006099-PA	-	161	6.38E-16	1	2693.419	3.06	Visceras	2L:+:26648271-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_82974	HSSETMQHYFAANCTTNR	AGAP006099-PA	M6(Oxidation), C14(Carbamidomethyl), N17(Deamidated),"M6(Oxidation), N13(Deamidated), C14(Carbamidomethyl)","M6(Oxidation), Q7(Deamidated), C14(Carbamidomethyl)","M6(Oxidation), C14(Carbamidomethyl)",C14(Carbamidomethyl),"N13(Deamidated), C14(Carbamidomethyl)"	128	6.44E-13	1	2154.903	-2.52	Head	2L:+:26648559-26648612	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_82979	TATAFGITR	AGAP006099-PA	-	80	9.19E-08	2	937.511	1.28	Visceras	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_83563	LAIGAVGNLSHVPHLCELH	AGAP006099-PA	C16(Carbamidomethyl)	103	5.46E-10	1	2037.072	0.99	Salivary gland	2L:+:26649329-26649385	exon=> In CDS Exon 4 of transcript AGAP006099-PA
JHU_Ag_84075	LAIGAVGNLSHVPHLCELH	AGAP006099-PA	C16(Carbamidomethyl),"N8(Deamidated), C16(Carbamidomethyl)"	122	6.12E-12	1	2037.072	0.99	Head	2L:+:26649329-26649385	exon=> In CDS Exon 4 of transcript AGAP006099-PA
JHU_Ag_84367	SDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	133	6.61E-13	1	1943.019	0.05	Midgut	2L:+:26649159-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_84448	SLSVSDADVAR	AGAP006099-PA	-	72	1.18E-06	2	1119.566	1.88	Visceras	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_85509	DQLEVGLK	AGAP006099-PA	-	64	1.08E-05	1	901.497	-1.84	Head	2L:+:26648349-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_85542	GSAEVQTTTLPNK	AGAP006099-PA	-	72	9.57E-07	2	1345.698	1.91	Pupa	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_86405	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	154	4.96E-15	1	2999.500	3.48	Ovary	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA

JHU_Ag_87086	EAMAFWVLQHAAGVGPATK	AGAP006099-PA	M3(Oxidation)	131	1.08E-12	1	1984.015	2.24	Salivary gland	2L:+:26648802-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_87656	LPVEVQAVELLHK	AGAP006099-PA	Q6(Deamidated)	104	1.07E-10	1	1474.861	-1.04	Ovary	2L:+:26648460-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_87659	ISIVFR	AGAP006099-PA	-	41	0.000200063	2	734.456	0.51	Visceras	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_87700	ASALAAAAEYTENQSTLLHQLGEESALLGQVYKK	AGAP006099-PA	Q30(Deamidated)	190	5.73E-19	1	3604.858	2.5	Visceras	2L:+:26649057-26649158	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_89057	SDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	N8(Deamidated),Q16(Deamidated)	163	5.42E-16	2	1943.022	1.5	Head	2L:+:26649159-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_89815	AVEAGVK	AGAP006099-PA	-	40	0.000946938	1	673.388	-0.39	Male reproductive organs	2L:+:26648988-26649008	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_89834	SAFNTGEVR	AGAP006099-PA	-	70	1.52E-06	2	980.480	0.16	Visceras	2L:+:26648706-26648732	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_90061	ASALAAAAEYTENQSTLLHQLGEESALLGQVYKK	AGAP006099-PA	-	145	1.89E-14	1	3604.855	1.59	Head	2L:+:26649057-26649158	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_90194	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl),"N1(Deamidated),C6(Carbamidomethyl)"	124	6.60E-12	1	1526.741	1.69	Visceras	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_90248	GSAEVQTTTLPNK	AGAP006099-PA	-	91	1.25E-08	2	1345.696	0.19	Visceras	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_90596	EAMAFWVLQHAAGVGPATK	AGAP006099-PA	M3(Oxidation)	75	4.63E-07	1	2000.018	5.83	Ovary	2L:+:26648802-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_91160	SAFNTGEVRR	AGAP006099-PA	-	43	0.000964762	1	1136.580	-0.44	Malpighian tubule	2L:+:26648706-26648735	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_91172	ALAGVNSSSLYNGYSDNGMFGFVLSGDAK	AGAP006099-PA	-	89	1.73E-08	2	2941.367	-0.05	Visceras	2L:+:26648889-26648975	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_91654	LVVASADPNAAVSR	AGAP006099-PA	N9(Deamidated)	110	1.17E-10	2	1370.725	-1.54	Midgut	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_92132	YLEATATGQVFKPWELAELTPIIR	AGAP006099-PA	-	101	2.63E-10	2	2746.494	4.69	Larva	2L:+:26648373-26648444	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_92509	NIQQAGGSLTTAADRELVTYSVAVTK	AGAP006099-PA	-	142	5.59E-14	1	2693.413	1.02	Ovary	2L:+:26648271-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_93859	NELARLPVEVQAVELLHK	AGAP006099-PA	-	128	3.24E-13	1	2058.176	2.81	Malpighian tubule	2L:+:26648445-26648498	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_94470	ELVTYSVAVTKDQLEVGLK	AGAP006099-PA	-	120	4.57E-12	1	2092.153	-0.39	Head	2L:+:26648316-26648372	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_94665	LVVASADPNAAVSR	AGAP006099-PA	-	124	3.68E-12	1	1369.743	-0.02	Malpighian tubule	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_95156	ISIVFR	AGAP006099-PA	-	34	0.001002689	2	734.457	1.42	Ovary	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_95372	SLSVSDADVAR	AGAP006099-PA	-	55	4.75E-05	2	1119.564	-0.41	Pupa	2L:+:26649018-26649050	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_95978	NIQQAGGSLTTAADR	AGAP006099-PA	-	102	1.02E-09	1	1502.754	-0.92	Ovary	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_96439	ELVTYSVAVTK	AGAP006099-PA	-	60	7.33E-06	2	1209.673	0.57	Malpighian tubule	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_97051	ISIVFR	AGAP006099-PA	-	32	0.00139369	2	734.458	2.92	Larva	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_97412	NIQQAGGSLTTAADRELVTYSVAVTK	AGAP006099-PA	-	119	9.13E-12	1	2693.431	7.48	Head	2L:+:26648271-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA

JHU_Ag_97510	AGSRNETADCLGAAHVLR	AGAP006099-PA	C10(Carbamidomethyl)	83	9.03E-08	1	1897.935	2.53	Ovary	2L:+:26648166-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_97698	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl)	106	3.61E-10	1	1740.830	2.24	Salivary gland	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_98187	LAIGAVGNLSHVPHLCELH	AGAP006099-PA	C16(Carbamidomethyl)	113	4.91E-11	1	2037.067	-1.28	Midgut	2L:+:26649329-26649385	exon=> In CDS Exon 4 of transcript AGAP006099-PA
JHU_Ag_98895	NIQQAGGSLTTAADR	AGAP006099-PA	-	112	1.06E-10	1	1502.758	1.67	Male reproductive organs	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_99261	AAVAGVGVDHQMLVGFAQSLALESGAGGENK	AGAP006099-PA	M12(Oxidation)	168	2.24E-16	1	2999.500	3.48	Head	2L:+:26648613-26648705	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_99678	SDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	151	8.97E-15	1	1943.018	-0.71	Malpighian tubule	2L:+:26649159-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_100227	AAGGLSTKTATAFGITR	AGAP006099-PA	-	84	2.29E-08	1	1622.890	2.57	Malpighian tubule	2L:+:26648220-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_100301	RGTNNGVLTK	AGAP006099-PA	N5(Deamidated)	40	0.001915576	1	1060.574	-0.43	Salivary gland	2L:+:26648859-26648888	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_100706	ISIVFR	AGAP006099-PA	-	42	0.000154941	2	734.457	1.09	Malpighian tubule	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_101192	ISIVFR	AGAP006099-PA	-	37	0.000703575	2	734.455	-0.9	Midgut	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_101826	SAFNTGEVR	AGAP006099-PA	-	60	1.61E-05	2	980.479	-1.03	Pupa	2L:+:26648706-26648732	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_101877	RGTNNGVLTK	AGAP006099-PA	N5(Deamidated),N4(Deamidated)	53	7.65E-05	1	1059.592	1.31	Malpighian tubule	2L:+:26648859-26648888	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_102218	AAVAVGAQAVGWSSMK	AGAP006099-PA	M15(Oxidation)	133	7.60E-13	1	1532.784	-3.24	Midgut	2L:+:26648754-26648801	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_102598	ELVTYSVAVTK	AGAP006099-PA	-	64	2.88E-06	2	1209.673	0.67	Ovary	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_102658	SDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	70	1.36E-06	2	1943.019	-0.39	Male reproductive organs	2L:+:26649159-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_103099	ASALAAAAEYTENQSTLLHQLGEESALLGQVYK	AGAP006099-PA	-	254	3.59E-25	1	3476.753	-0.39	Malpighian tubule	2L:+:26649057-26649155	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_103242	NIQQAGGSLTTAADR	AGAP006099-PA	-	120	1.60E-11	1	1502.756	-0.19	Salivary gland	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_103686	LPVEVQAVELLHKAAFR	AGAP006099-PA	-	50	1.81E-05	1	1920.104	-1.39	Midgut	2L:+:26648460-26648510	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_104047	LVVASADPNAAVSR	AGAP006099-PA	-	88	1.24E-08	2	1369.748	3.19	Salivary gland	2L:+:26648018-26648059	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_104538	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl)	103	7.61E-10	1	1740.825	-0.84	Ovary	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_104991	AAVAVGAQAVGWSSMK	AGAP006099-PA	M15(Oxidation)	125	5.46E-12	1	1548.784	0.16	Head	2L:+:26648754-26648801	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_105254	GSAEVQTTTLPNK	AGAP006099-PA	-	56	4.02E-05	2	1345.701	4.18	Larva	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_107727	EAMAFWVLQHAAGVGPATK	AGAP006099-PA	M3(Oxidation)	113	7.35E-11	1	2000.016	4.98	Male reproductive organs	2L:+:26648802-26648858	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_109066	ASALAAAAEYTENQSTLLHQLGEESALLGQVYKK	AGAP006099-PA	-	117	1.28E-11	1	3604.853	1.08	Malpighian tubule	2L:+:26649057-26649158	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_109373	AAGGLSTK	AGAP006099-PA	-	44	0.000656406	2	704.394	0.19	Salivary gland	2L:+:26648220-26648243	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_109407	AGSRNETADCLGAAHVLR	AGAP006099-PA	C10(Carbamidomethyl)	82	1.05E-07	1	1897.932	0.97	Midgut	2L:+:26648166-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA

JHU_Ag_110699	TATAFGITR	AGAP006099-PA	-	62	6.35E-06	2	937.513	2.78	Salivary gland	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_111993	SAFNTGEVR	AGAP006099-PA	-	75	4.70E-07	2	980.478	-1.96	Head	2L:+:26648706-26648732	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_113123	ELVTYSVAVTK	AGAP006099-PA	-	52	3.98E-05	2	1209.675	1.68	Pupa	2L:+:26648316-26648348	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_113554	ISIVFR	AGAP006099-PA	-	47	5.04E-05	2	734.456	0.34	Male reproductive organs	2L:+:26648060-26648076,26648165-26648165	exon=> In CDS Exon 2 and 3 of transcript AGAP006099-PA
JHU_Ag_113878	DGLGNSVFCPDYLVGK	AGAP006099-PA	C9(Carbamidomethyl),"N5 (Deamidated), C9(Carbamidomethyl)"	93	7.78E-09	1	1740.831	2.66	Malpighian tubule	2L:+:26648511-26648558	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_113949	TATAFGITR	AGAP006099-PA	-	50	0.000107755	2	937.512	1.47	Ovary	2L:+:26648244-26648270	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_113967	GSAEVQTTTLPNK	AGAP006099-PA	-	79	1.96E-07	1	1345.696	-0.09	Salivary gland	2L:+:26647979-26648017	exon=> In CDS Exon 2 of transcript AGAP006099-PA
JHU_Ag_114159	KSDLLAAVNAVTTGDVQAAAR	AGAP006099-PA	-	116	1.30E-11	1	2071.125	4.94	Salivary gland	2L:+:26649156-26649209,26649302-26649310	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_114435	HSSETMQHYFAANCTTNR	AGAP006099-PA	M6(Oxidation), C14(Carbamidomethyl)	85	9.96E-09	1	2170.909	2.79	Ovary	2L:+:26648559-26648612	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_115793	NIQQAGGSLTTAADR	AGAP006099-PA	N1(Deamidated), Q4(Deamidated)	123	9.67E-12	1	1502.754	-1.01	Pupa	2L:+:26648271-26648315	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_116159	LAIGAVGNLSHVPHLCELH	AGAP006099-PA	C16(Carbamidomethyl)	117	2.15E-11	1	2037.070	0	Visceras	2L:+:26649329-26649385	exon=> In CDS Exon 4 of transcript AGAP006099-PA
JHU_Ag_116453	NETADCLGAAHVLR	AGAP006099-PA	C6(Carbamidomethyl)	124	6.41E-12	1	1526.740	1.21	Malpighian tubule	2L:+:26648178-26648219	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_116617	SDLLAAVNAVTTGDVQAAARK	AGAP006099-PA	-	43	0.000300292	1	2071.119	2.31	Ovary	2L:+:26649159-26649209,26649302-26649313	exon=> In CDS Exon 3 and 4 of transcript AGAP006099-PA
JHU_Ag_117390	HSSETMQHYFAANCTTNR	AGAP006099-PA	M6(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	130	4.39E-13	1	2154.903	-2.41	Midgut	2L:+:26648559-26648612	exon=> In CDS Exon 3 of transcript AGAP006099-PA
JHU_Ag_17185	ILEDQNEGLEALSQVIAR	AGAP006100-PA	-	35	0.003327575	2	1998.062	5.76	Malpighian tubule	2L:-:26650478-26650425	exon=> In CDS Exon 2 of transcript AGAP006100-PA
JHU_Ag_64138	HNDILDDLAQTMETTDGR	AGAP006100-PA	-	68	1.69E-06	2	2044.925	0.54	Head	2L:-:26650382-26650914,26650151-26650265	exon=> In CDS Exon 3 and 2 of transcript AGAP006100-PA
JHU_Ag_2911	VQCSHNCIYIPYGGAEVSVPTYEVLCER	AGAP006102-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C26(Carbamidomethyl)	44	0.000357118	1	3300.499	-4	Head	2L:+:26686395-26686478	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_3753	ATTWIPTSVHGPYPPHMVPGGVDSDGAQIFVGR	AGAP006102-PA	N-Term(Acetyl)	81	8.88E-08	1	3488.707	0.47	Salivary gland	2L:+:26685977-26685977,26686051-26686148	exon=> In CDS Exon 1 and 2 of transcript AGAP006102-PA
JHU_Ag_16630	VQCSHNCIYIPYGGAEVSVPTYEVLCER	AGAP006102-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C26(Carbamidomethyl)	111	7.05E-11	1	3300.505	-2.12	Midgut	2L:+:26686395-26686478	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_17437	VIPDKTAAYVAYGGQETLVEHVEVLVHK	AGAP006102-PA	-	54	2.50E-05	1	3065.631	-0.04	Salivary gland	2L:+:26686182-26686265	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_29576	AHHAGDLLPAK	AGAP006102-PA	-	70	1.58E-06	1	1129.608	-2.69	Head	2L:+:26686149-26686181	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_35211	AYHEGSQTIGK	AGAP006102-PA	-	31	0.012776569	1	1190.579	-0.77	Midgut	2L:+:26686362-26686394	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_41735	AHHAGDLLPAK	AGAP006102-PA	-	63	9.04E-06	1	1129.612	0.71	Salivary gland	2L:+:26686149-26686181	exon=> In CDS Exon 2 of transcript AGAP006102-PA

JHU_Ag_42466	VIPDKTAAYVAYGGQETLVEHVEVLVHK	AGAP006102-PA	-	52	3.53E-05	1	3065.639	2.65	Malpighian tubule	2L:+:26686182-26686265	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_49661	AYHEGSQTIGK	AGAP006102-PA	-	70	1.61E-06	1	1190.582	1.8	Malpighian tubule	2L:+:26686362-26686394	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_52065	ATTWIPTSVHGPYPPHMVPGGVDSDGAQIFVGR	AGAP006102-PA	N-Term(Acetyl)	191	1.06E-18	1	3488.703	-0.79	Midgut	2L:+:26685977-26685977,26686051-26686148	exon=> In CDS Exon 1 and 2 of transcript AGAP006102-PA
JHU_Ag_55348	VIPDKTAAYVAYGGQETLVEHVEVLVHK	AGAP006102-PA	-	79	8.32E-08	1	3065.628	-0.8	Midgut	2L:+:26686182-26686265	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_61094	TAAYVAYGGQETLVEHVEVLVHK	AGAP006102-PA	-	128	1.23E-12	1	2513.323	7.7	Malpighian tubule	2L:+:26686197-26686265	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_61740	AHHAGDLLPAK	AGAP006102-PA	-	57	3.16E-05	1	1129.611	0.11	Midgut	2L:+:26686149-26686181	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_64160	ATTWIPTSVHGPYPPHMVPGGVDSDGAQIFVGR	AGAP006102-PA	N-Term(Acetyl)	78	2.03E-07	1	3488.717	3.09	Visceras	2L:+:26685977-26685977,26686051-26686148	exon=> In CDS Exon 1 and 2 of transcript AGAP006102-PA
JHU_Ag_68973	QLIWDTASAGQVPLGAVVGGHTSDGEILYVGR	AGAP006102-PA	-	215	2.28E-21	1	3266.692	3.38	Malpighian tubule	2L:+:26686266-26686361	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_69523	VQCSHNCIYIPYGGAEVSVPTYEVLCER	AGAP006102-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C26(Carbamidomethyl)	119	1.23E-11	1	3300.517	1.54	Malpighian tubule	2L:+:26686395-26686478	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_70045	QLIWDTASAGQVPLGAVVGGHTSDGEILYVGR	AGAP006102-PA	-	95	2.74E-09	1	3266.684	1.14	Visceras	2L:+:26686266-26686361	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_76566	QLIWDTASAGQVPLGAVVGGHTSDGEILYVGR	AGAP006102-PA	-	140	7.55E-14	1	3266.680	-0.32	Salivary gland	2L:+:26686266-26686361	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_82899	VQCSHNCIYIPYGGAEVSVPTYEVLCER	AGAP006102-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C26(Carbamidomethyl)	63	5.18E-06	1	3300.521	2.54	Visceras	2L:+:26686395-26686478	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_86202	TAAYVAYGGQETLVEHVEVLVHK	AGAP006102-PA	-	146	2.32E-14	1	2513.296	-2.99	Midgut	2L:+:26686197-26686265	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_87668	ATTWIPTSVHGPYPPHMVPGGVDSDGAQIFVGR	AGAP006102-PA	N-Term(Acetyl)	175	3.51E-17	1	3488.713	1.94	Malpighian tubule	2L:+:26685977-26685977,26686051-26686148	exon=> In CDS Exon 1 and 2 of transcript AGAP006102-PA
JHU_Ag_95344	QLIWDTASAGQVPLGAVVGGHTSDGEILYVGR	AGAP006102-PA	-	195	2.50E-19	1	3266.676	-1.55	Midgut	2L:+:26686266-26686361	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_95409	ATTWIPTSVHGPYPPHMVPGGVDSDGAQIFVGR	AGAP006102-PA	N-Term(Acetyl), M17(Oxidation)	123	5.95E-12	1	3504.694	-2.02	Midgut	2L:+:26685977-26685977,26686051-26686148	exon=> In CDS Exon 1 and 2 of transcript AGAP006102-PA
JHU_Ag_95974	AHHAGDLLPAK	AGAP006102-PA	-	71	1.34E-06	1	1129.612	0.37	Malpighian tubule	2L:+:26686149-26686181	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_101520	VQCSHNCIYIPYGGAEVSVPTYEVLCER	AGAP006102-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C26(Carbamidomethyl)	115	3.87E-11	1	3300.525	3.87	Salivary gland	2L:+:26686395-26686478	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_111270	ATTWIPTSVHGPYPPHMVPGGVDSDGAQIFVGR	AGAP006102-PA	N-Term(Acetyl), M17(Oxidation)	194	4.10E-19	1	3504.714	3.73	Malpighian tubule	2L:+:26685977-26685977,26686051-26686148	exon=> In CDS Exon 1 and 2 of transcript AGAP006102-PA
JHU_Ag_116469	AYHEGSQTIGKVQCSHNCIYIPYGGAEVSVPTYEVLCER	AGAP006102-PA	C14(Carbamidomethyl), C18(Carbamidomethyl), C37(Carbamidomethyl)	49	0.000108415	1	4472.103	6.4	Malpighian tubule	2L:+:26686362-26686478	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_116476	TAAYVAYGGQETLVEHVEVLVHK	AGAP006102-PA	-	115	2.99E-11	1	2513.301	-0.85	Salivary gland	2L:+:26686197-26686265	exon=> In CDS Exon 2 of transcript AGAP006102-PA
JHU_Ag_24560	SGGYPHYGFHPDYLSNPADLSYDPTEPTAPSPPSTLVGQR	AGAP006103-PB	N-Term(Acetyl)	52	5.53E-05	1	4330.014	3.3	Malpighian tubule	2L:+:26687610-26687616,26688428-26688540	exon=> In CDS Exon 1 and 2 of transcript AGAP006103-PB

JHU_Ag_5184	AIYSGSQTPGK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	61	1.08E-05	1	1108.567	3.13	Larva	2L:+:26689281-26689313;2L:+:26689281-26689313;2L:+:26689281-26689313	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_6175	IGQTMDGEPLYMGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	M5(Oxidation), M12(Oxidation)	75	3.56E-07	1	1599.720	3.69	Larva	2L:+:26689239-26689280;2L:+:26689239-26689280;2L:+:26689239-26689280	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_8615	EDFEVLR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	43	0.000839 67	2	907.454	2.21	Malpighian tubule	2L:+:26689158-26689178;2L:+:26689158-26689178;2L:+:26689158-26689178	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_10361	AFHEGDMVPAK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	46	0.000196 796	1	1201.567	0.08	Midgut	2L:+:26689068-26689100;2L:+:26689068-26689100;2L:+:26689068-26689100	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_11888	YGAFVWEYSSNGSVPETAMR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	M19(Oxidation)	59	1.13E-05	2	2267.014	2.87	Malpighian tubule	2L:+:26689179-26689238;2L:+:26689179-26689238;2L:+:26689179-26689238	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_19547	NVAFVCHGGEEVLK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	C6(Carbamidomethyl)	45	0.000509 17	2	1558.774	3.94	Ovary	2L:+:26689116-26689157;2L:+:26689116-26689157;2L:+:26689116-26689157	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_21390	NVAFVCHGGEEVLKEDFEVLR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	C6(Carbamidomethyl)	68	2.61E-06	1	2447.209	2.49	Visceras	2L:+:26689116-26689178;2L:+:26689116-26689178;2L:+:26689116-26689178	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_21955	AIYSGSQTPGK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	79	2.11E-07	1	1108.565	1.81	Malpighian tubule	2L:+:26689281-26689313;2L:+:26689281-26689313;2L:+:26689281-26689313	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_22247	AIYSGSQTPGK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	69	1.95E-06	2	1108.561	-2.16	Midgut	2L:+:26689281-26689313;2L:+:26689281-26689313;2L:+:26689281-26689313	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_28924	AGVDSDGEVIYVGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	89	2.28E-08	2	1436.705	2.15	Visceras	2L:+:26689026-26689067;2L:+:26689026-26689067;2L:+:26689026-26689067	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_30289	AGVDSDGEVIYVGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	93	7.40E-09	2	1436.703	1.04	Ovary	2L:+:26689026-26689067;2L:+:26689026-26689067;2L:+:26689026-26689067	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA

JHU_Ag_36966	AGVDSDGEVIYVGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	112	1.06E-10	1	1436.705	2.49	Malpighian tubule	2L:+:26689026-26689067;2L:+:26689026-26689067;2L:+:26689026-26689067	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_37022	IGQTMDGEPLYMGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	M5(Oxidation), M12(Oxidation),M12(Oxidation),M5(Oxidation)	109	1.80E-10	1	1567.729	3.04	Malpighian tubule	2L:+:26689239-26689280;2L:+:26689239-26689280;2L:+:26689239-26689280	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_47453	AGVDSDGEVIYVGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	106	4.67E-10	2	1436.707	4.02	Midgut	2L:+:26689026-26689067;2L:+:26689026-26689067;2L:+:26689026-26689067	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_48279	NVAFVCHGGEEVLK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	C6(Carbamidomethyl)	77	2.94E-07	2	1558.770	1.12	Midgut	2L:+:26689116-26689157;2L:+:26689116-26689157;2L:+:26689116-26689157	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_54679	AGVDSDGEVIYVGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	89	2.30E-08	2	1436.705	2.15	Head	2L:+:26689026-26689067;2L:+:26689026-26689067;2L:+:26689026-26689067	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_68019	YGAFVWEYSSNGSVPETAMR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	M19(Oxidation),N11(Deamidated),"N11(Deamidated), M19(Oxidation)"	101	6.51E-10	2	2267.996	2.17	Midgut	2L:+:26689179-26689238;2L:+:26689179-26689238;2L:+:26689179-26689238	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_85725	NVAFVCHGGEEVLKEDFEVLR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	C6(Carbamidomethyl)	107	3.39E-10	1	2447.217	5.93	Malpighian tubule	2L:+:26689116-26689178;2L:+:26689116-26689178;2L:+:26689116-26689178	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_91402	NVAFVCHGGEEVLKEDFEVLR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	C6(Carbamidomethyl)	76	3.98E-07	1	2447.204	0.7	Ovary	2L:+:26689116-26689178;2L:+:26689116-26689178;2L:+:26689116-26689178	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_92761	AGVDSDGEVIYVGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	-	74	7.16E-07	2	1436.714	8.27	Larva	2L:+:26689026-26689067;2L:+:26689026-26689067;2L:+:26689026-26689067	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_94049	NVAFVCHGGEEVLK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	C6(Carbamidomethyl)	91	1.02E-08	1	1558.772	2.53	Malpighian tubule	2L:+:26689116-26689157;2L:+:26689116-26689157;2L:+:26689116-26689157	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_96385	NVAFVCHGGEEVLKEDFEVLR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	C6(Carbamidomethyl)	154	5.73E-15	1	2447.200	-0.92	Midgut	2L:+:26689116-26689178;2L:+:26689116-26689178;2L:+:26689116-26689178	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA

JHU_Ag_100062	IGQTMDGEPLYMGR	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	M5(Oxidation), M12(Oxidation),M12(Oxidation),"Q3(Deamidated), M5(Oxidation)",M5(Oxidation)	113	6.62E-11	1	1567.723	-0.78	Midgut	2L:+:26689239-26689280;2L:+:26689239-26689280;2L:+:26689239-26689280	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_112543	AFHEGDMVPAK	AGAP006103-PB,AGAP006103-PC,AGAP006103-PA	M7(Oxidation)	72	5.70E-07	1	1217.564	1.35	Malpighian tubule	2L:+:26689068-26689100;2L:+:26689068-26689100;2L:+:26689068-26689100	exon=> In CDS Exon 3 of transcript AGAP006103-PB;exon=> In CDS Exon 2 of transcript AGAP006103-PC;exon=> In CDS Exon 2 of transcript AGAP006103-PA
JHU_Ag_6166	GAFATLLR	AGAP006104-PA	-	51	6.83E-05	2	848.497	-2.04	Head	2L:+:26692333-26692356	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_7706	CLLQIQQGGNSPQK	AGAP006104-PA	C1(Carbamidomethyl)	76	3.90E-07	1	1570.801	0.26	Midgut	2L:+:26692225-26692266	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_12051	LQTAPEGTYPNGIR	AGAP006104-PA	N11(Deamidated)	51	0.000147713	2	1517.766	4.22	Larva	2L:+:26692537-26692578	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_14415	LQTAPEGTYPNGIR	AGAP006104-PA	-	84	6.24E-08	1	1516.776	0.05	Head	2L:+:26692537-26692578	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_18479	DVPASGMYFLTYEYIQR	AGAP006104-PA	M7(Oxidation)	54	6.12E-05	2	2068.970	0.73	Pupa	2L:+:26692357-26692407	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_20771	GAFATLLR	AGAP006104-PA	-	55	2.30E-05	2	848.502	3.5	Larva	2L:+:26692333-26692356	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_22821	GAFATLLR	AGAP006104-PA	-	53	4.28E-05	2	848.498	-0.75	Midgut	2L:+:26692333-26692356	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_32058	GAFATLLR	AGAP006104-PA	-	55	2.99E-05	2	848.499	0.33	Pupa	2L:+:26692333-26692356	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_32367	YFLSGGFGGICTVLAGHPLDTIK	AGAP006104-PA	C11(Carbamidomethyl)	111	8.84E-11	1	2423.251	3.15	Head	2L:+:26691856-26691924	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_35601	GAFATLLR	AGAP006104-PA	-	53	4.43E-05	2	848.498	-1.47	Ovary	2L:+:26692333-26692356	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_40483	YFLSGGFGGICTVLAGHPLDTIK	AGAP006104-PA	C11(Carbamidomethyl)	133	7.21E-13	1	2423.228	-6.22	Midgut	2L:+:26691856-26691924	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_43246	GMSAPITGVAPIFAVSFFGFGLGK	AGAP006104-PA	M2(Oxidation)	100	1.02E-09	1	2387.245	-0.64	Ovary	2L:+:26692039-26692110	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_44306	LQTMPLPAAGQAPLYAGTLDCAK	AGAP006104-PA	M4(Oxidation), C21(Carbamidomethyl)	39	0.001894683	2	2403.197	-3.12	Head	2L:+:26691931-26691999	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_48038	GMSAPITGVAPIFAVSFFGFGLGK	AGAP006104-PA	M2(Oxidation)	88	1.49E-08	1	2387.251	1.5	Midgut	2L:+:26692039-26692110	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_60700	LQTAPEGTYPNGIR	AGAP006104-PA	N11(Deamidated)	77	3.10E-07	1	1516.776	0.45	Male reproductive organs	2L:+:26692537-26692578	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_62758	LQTAPEGTYPNGIR	AGAP006104-PA	N11(Deamidated)	109	2.40E-10	1	1517.754	-3.42	Midgut	2L:+:26692537-26692578	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_75719	DVPASGMYFLTYEYIQR	AGAP006104-PA	M7(Oxidation)	48	0.000232235	2	2068.973	2.02	Head	2L:+:26692357-26692407	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_78588	EGPLALYK	AGAP006104-PA	-	38	0.001759162	1	890.495	-3.29	Midgut	2L:+:26692606-26692629	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_84295	GAFATLLR	AGAP006104-PA	-	54	2.57E-05	2	848.501	2.49	Salivary gland	2L:+:26692333-26692356	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_91051	LQTAPEGTYPNGIR	AGAP006104-PA	N11(Deamidated)	64	7.86E-06	2	1517.759	-0.04	Pupa	2L:+:26692537-26692578	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_94107	YFLSGGFGGICTVLAGHPLDTIK	AGAP006104-PA	C11(Carbamidomethyl)	52	7.30E-05	1	2423.254	4.66	Salivary gland	2L:+:26691856-26691924	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_94636	DVPASGMYFLTYEYIQR	AGAP006104-PA	M7(Oxidation)	103	6.83E-10	1	2068.967	-0.93	Midgut	2L:+:26692357-26692407	exon=> In CDS Exon 1 of transcript AGAP006104-PA

JHU_Ag_109564	LQTMPLPAAGQAPLYAGTLDCAK	AGAP006104-PA	M4(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	59	1.93E-05	2	2387.211	0.26	Midgut	2L:+:26691931-26691999	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_114724	GAFATLLR	AGAP006104-PA	-	33	0.003619 85	2	848.501	2.13	Malpighian tubule	2L:+:26692333-26692356	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_116852	YFLSGGFGGICTVLAGHPLDTIK	AGAP006104-PA	C11(Carbamidomethyl)	37	0.002011 009	1	2423.251	3.3	Malpighian tubule	2L:+:26691856-26691924	exon=> In CDS Exon 1 of transcript AGAP006104-PA
JHU_Ag_47555	QILIK	AGAP006107-PA	Q1(Deamidated)	34	0.001493 801	1	615.407	-0.63	Midgut	2L:+:26719568-26719582	exon=> In CDS Exon 7 of transcript AGAP006107-PA
JHU_Ag_58696	SLQFYHVKPTTVNSESR	AGAP006107-PA	-	52	8.85E-05	1	1993.017	1.47	Head	2L:+:26718065-26718115	exon=> In CDS Exon 5 of transcript AGAP006107-PA
JHU_Ag_70021	ILAVAAR	AGAP006107-PA	-	31	0.002428 632	1	713.467	-0.2	Salivary gland	2L:+:26715903-26715923	exon=> In CDS Exon 4 of transcript AGAP006107-PA
JHU_Ag_2137	GNEAANVTGPQGEPVK	AGAP006108-PA	-	85	4.41E-08	1	1567.773	1.33	Visceras	2L:+:26767545-26767592	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_24995	GNEAANVTGPQGEPVKGSQYAAEK	AGAP006108-PA	-	48	0.000224 97	1	2402.170	4.82	Head	2L:+:26767545-26767616	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_31609	NDAGGNNSAVQNTTTESSA	AGAP006108-PA	-	105	2.32E-10	2	1837.788	4.34	Head	2L:+:26768253-26768309	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_33463	GDTQEDVFVHQSAIAR	AGAP006108-PA	-	88	2.04E-08	1	1772.856	0.05	Ovary	2L:+:26767422-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_33845	GDTQEDVFVHQSAIAR	AGAP006108-PA	-	114	5.83E-11	1	1772.859	1.42	Malpighian tubule	2L:+:26767422-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_38227	SGYGFINR	AGAP006108-PA	-	37	0.001340 474	2	913.451	-1.59	Head	2L:+:26767398-26767421	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_42778	GDTQEDVFVHQSAIAR	AGAP006108-PA	-	45	0.000480 856	2	1772.856	0.05	Salivary gland	2L:+:26767422-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_43023	SVGDGEQVEFDVVIGEK	AGAP006108-PA	-	39	0.002103 76	2	1806.882	3.69	Head	2L:+:26767494-26767544	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_46584	DMVMGDNGQMDQNMMDDNGGMR	AGAP006108-PA	M2(Oxidation), M4(Oxidation), M10(Oxidation), M14(Oxidation), M15(Oxidation), M21(Oxidation)	15	0.005029 105	3	2557.847	-7.76	Head	2L:+:26767929-26767994	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_52136	GNEAANVTGPQGEPVKGSQYAAEK	AGAP006108-PA	-	94	6.46E-09	1	2402.163	2.08	Ovary	2L:+:26767545-26767616	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_54564	GNEAANVTGPQGEPVK	AGAP006108-PA	-	55	4.17E-05	2	1567.773	0.94	Salivary gland	2L:+:26767545-26767592	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_80609	GDTQEDVFVHQSAIAR	AGAP006108-PA	-	100	1.27E-09	1	1772.858	0.95	Visceras	2L:+:26767422-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_80976	GNEAANVTGPQGEPVK	AGAP006108-PA	-	81	1.03E-07	1	1567.774	1.56	Head	2L:+:26767545-26767592	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_82171	GNEAANVTGPQGEPVK	AGAP006108-PA	-	89	1.59E-08	1	1567.777	3.74	Ovary	2L:+:26767545-26767592	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_85323	SGYGFINR	AGAP006108-PA	-	62	4.39E-06	2	913.452	-0.85	Salivary gland	2L:+:26767398-26767421	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_85634	GNEAANVTGPQGEPVK	AGAP006108-PA	-	45	0.000464 491	2	1567.768	-1.94	Midgut	2L:+:26767545-26767592	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_89972	NDAGGNNSAVQNTTTESSA	AGAP006108-PA	-	90	6.46E-09	1	1837.780	0.36	Visceras	2L:+:26768253-26768309	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_94314	SGYGFINR	AGAP006108-PA	-	46	0.000201 878	2	913.455	2.55	Ovary	2L:+:26767398-26767421	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_95140	GDTQEDVFVHQSAIAR	AGAP006108-PA	-	104	5.95E-10	1	1772.864	4.18	Head	2L:+:26767422-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA

JHU_Ag_95915	SGYGFINR	AGAP006108-PA	-	45	0.000291646	2	913.451	-2.32	Malpighian tubule	2L:+:26767398-26767421	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_97393	GNEAANVTGPQGEPVK	AGAP006108-PA	-	91	1.23E-08	1	1567.771	-0.23	Malpighian tubule	2L:+:26767545-26767592	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_98739	GDTQEDVFVHQSAIAR	AGAP006108-PA	-	90	1.32E-08	1	1772.856	-0.36	Male reproductive organs	2L:+:26767422-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_101371	GNEAANVTGPQGEPVK	AGAP006108-PA	-	44	0.000553 04	2	1567.780	5.69	Male reproductive organs	2L:+:26767545-26767592	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_104800	SGYGFINRGDTQEDVFVHQSAIAR	AGAP006108-PA	-	139	2.06E-13	1	2667.300	3.23	Ovary	2L:+:26767398-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_106441	GDTQEDVFVHQSAIAR	AGAP006108-PA	-	37	0.002529384	2	1772.856	0.05	Midgut	2L:+:26767422-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_109761	SGYGFINR	AGAP006108-PA	-	58	1.32E-05	2	913.453	0.62	Male reproductive organs	2L:+:26767398-26767421	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_112132	SGYGFINRGDTQEDVFVHQSAIAR	AGAP006108-PA	-	103	7.54E-10	1	2667.298	2.75	Visceras	2L:+:26767398-26767469	exon=> In CDS Exon 1 of transcript AGAP006108-PA
JHU_Ag_32504	LVLTDLQGDLTMPLPSVVVAQHTDK	AGAP006113-PA	M12(Oxidation)	124	1.81E-12	1	2706.451	4.51	Head	2L:+:26839863-26839937	exon=> In CDS Exon 4 of transcript AGAP006113-PA
JHU_Ag_81818	FVAVTTLEDVQAVR	AGAP006113-PA	-	99	1.05E-09	2	1547.847	2.81	Visceras	2L:+:26836904-26836945	exon=> In CDS Exon 1 of transcript AGAP006113-PA
JHU_Ag_22792	FLFILLGPQK	AGAP006115-PA,AGAP006115-PB	-	32	0.001072338	2	1175.722	3.05	Ovary	2L:+:26883973-26884002;2L:+:26883973-26884002	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB
JHU_Ag_28740	LSVPEGLSPSDETR	AGAP006115-PA,AGAP006115-PB	-	55	4.19E-05	1	1486.743	2.79	Head	2L:+:26885296-26885337;2L:+:26885296-26885337	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB
JHU_Ag_48363	MYDHSPHEVFVQLDELTGSGEDR	AGAP006115-PA,AGAP006115-PB	M1(Oxidation)	79	1.05E-07	3	2677.183	-0.15	Head	2L:+:26878351-26878419;2L:+:26878351-26878419	exon=> In CDS Exon 4 of transcript AGAP006115-PA;exon=> In CDS Exon 4 of transcript AGAP006115-PB
JHU_Ag_54315	QLESIFSPLELR	AGAP006115-PA,AGAP006115-PB	-	51	6.26E-05	2	1431.792	5.51	Malpighian tubule	2L:+:26886155-26886190;2L:+:26886155-26886190	exon=> In CDS Exon 9 of transcript AGAP006115-PA;exon=> In CDS Exon 8 of transcript AGAP006115-PB
JHU_Ag_54791	SKPVAASPPTTTPTSPISFSSK	AGAP006115-PA,AGAP006115-PB	-	70	1.05E-06	1	2188.152	1.18	Malpighian tubule	2L:+:26875250-26875315;2L:+:26875250-26875315	exon=> In CDS Exon 2 of transcript AGAP006115-PA;exon=> In CDS Exon 2 of transcript AGAP006115-PB
JHU_Ag_62360	NPLEK	AGAP006115-PA,AGAP006115-PB	-	35	0.001046699	1	600.335	0.14	Salivary gland	2L:+:26884363-26884377;2L:+:26884363-26884377	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB
JHU_Ag_73160	LSVPEGLSPSDETR	AGAP006115-PA,AGAP006115-PB	-	39	0.001681592	2	1486.744	3.94	Malpighian tubule	2L:+:26885296-26885337;2L:+:26885296-26885337	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB
JHU_Ag_74648	ISVQPEDATLQEADIDELTSHR	AGAP006115-PA,AGAP006115-PB	-	50	0.000190544	1	2467.198	1.23	Malpighian tubule	2L:+:26878156-26878221;2L:+:26878156-26878221	exon=> In CDS Exon 4 of transcript AGAP006115-PA;exon=> In CDS Exon 4 of transcript AGAP006115-PB
JHU_Ag_81327	FLFILLGPQK	AGAP006115-PA,AGAP006115-PB	-	23	0.008630542	2	1175.720	1.08	Head	2L:+:26883973-26884002;2L:+:26883973-26884002	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB
JHU_Ag_102363	ERFELNR	AGAP006115-PA,AGAP006115-PB	-	41	0.001308 74	1	963.499	-1.63	Head	2L:+:26875052-26875072;2L:+:26875052-26875072	exon=> In CDS Exon 2 of transcript AGAP006115-PA;exon=> In CDS Exon 2 of transcript AGAP006115-PB
JHU_Ag_105603	RISVQPEDATLQEADIDELTSHR	AGAP006115-PA,AGAP006115-PB	-	61	1.37E-05	3	2623.297	0.23	Head	2L:+:26878153-26878221;2L:+:26878153-26878221	exon=> In CDS Exon 4 of transcript AGAP006115-PA;exon=> In CDS Exon 4 of transcript AGAP006115-PB

JHU_Ag_106643	SVTHVSAVTIMSR	AGAP006115-PA,AGAP006115-PB	M11(Oxidation)	50	0.000164003	1	1403.736	3.09	Larva	2L:+:26885581-26885618,26885686-26885686;2L:+:26885581-26885618,26885686-26885686	exon=> In CDS Exon 7 and 8 of transcript AGAP006115-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP006115-PB
JHU_Ag_106668	LWGGLINDIK	AGAP006115-PA,AGAP006115-PB	-	56	2.34E-05	2	1128.644	2.86	Larva	2L:+:26884387-26884416;2L:+:26884387-26884416	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB
JHU_Ag_115905	FLFILLGPQK	AGAP006115-PA,AGAP006115-PB	-	39	0.000158834	2	1175.725	5.65	Larva	2L:+:26883973-26884002;2L:+:26883973-26884002	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB
JHU_Ag_24961	NSHFLGR	AGAP006115-PA,AGAP006115-PB,AGAP006968-PA	N1(Deamidated)	50	0.000111026	2	831.414	3.83	Malpighian tubule	2L:+:26885179-26885199;2L:+:26885179-26885199;2L:+:40406732-40406752	exon=> In CDS Exon 7 of transcript AGAP006115-PA;exon=> In CDS Exon 6 of transcript AGAP006115-PB;exon=> In CDS Exon 4 of transcript AGAP006968-PA
JHU_Ag_8880	SATITELTEEEAEQLQK	AGAP006117-PA	-	81	1.44E-07	2	1919.944	-0.18	Head	2L:+:26903331-26903381	exon=> In CDS Exon 2 of transcript AGAP006117-PA
JHU_Ag_11150	YSWTQTLQELELR	AGAP006117-PA	-	52	8.97E-05	2	1666.848	2.41	Head	2L:+:26903656-26903688,26903782-26903787	exon=> In CDS Exon 3 and 4 of transcript AGAP006117-PA
JHU_Ag_29136	KTDFFVGGEEGEWEK	AGAP006117-PA	-	59	1.48E-05	2	1757.811	5.42	Midgut	2L:+:26903148-26903192	exon=> In CDS Exon 2 of transcript AGAP006117-PA
JHU_Ag_33834	YSWTQTLQELELR	AGAP006117-PA	-	85	4.46E-08	2	1666.850	3.95	Midgut	2L:+:26903656-26903688,26903782-26903787	exon=> In CDS Exon 3 and 4 of transcript AGAP006117-PA
JHU_Ag_59255	LVTTDPPINTR	AGAP006117-PA	-	35	0.00224838	2	1226.674	0.01	Ovary	2L:+:26904001-26904033	exon=> In CDS Exon 4 of transcript AGAP006117-PA
JHU_Ag_62169	SATITELTEEEAEQLQK	AGAP006117-PA	-	86	3.94E-08	1	1919.946	0.9	Ovary	2L:+:26903331-26903381	exon=> In CDS Exon 2 of transcript AGAP006117-PA
JHU_Ag_63711	IEDSLWHLEK	AGAP006117-PA	-	38	0.001859199	2	1269.650	2.27	Midgut	2L:+:26903917-26903946	exon=> In CDS Exon 4 of transcript AGAP006117-PA
JHU_Ag_104893	KTDFFVGGEEGEWEK	AGAP006117-PA	-	70	1.34E-06	2	1757.804	1.04	Male reproductive organs	2L:+:26903148-26903192	exon=> In CDS Exon 2 of transcript AGAP006117-PA
JHU_Ag_113605	KTDFFVGGEEGEWEK	AGAP006117-PA	-	52	7.05E-05	2	1757.811	5.14	Ovary	2L:+:26903148-26903192	exon=> In CDS Exon 2 of transcript AGAP006117-PA
JHU_Ag_34990	TVSLAAENPTVLPCDWK	AGAP006119-PA	C14(Carbamidomethyl)	47	0.000295317	1	1900.950	1.23	Salivary gland	2L:-:26959017-26958967	exon=> In CDS Exon 1 of transcript AGAP006119-PA
JHU_Ag_45152	FIVTDIVR	AGAP006119-PA	-	47	8.01E-05	2	962.567	0.46	Midgut	2L:-:26958515-26958492	exon=> In CDS Exon 2 of transcript AGAP006119-PA
JHU_Ag_45985	LNATVAAQHALDATR	AGAP006119-PA	-	83	5.94E-08	2	1551.817	-4.14	Head	2L:-:26959281-26959237	exon=> In CDS Exon 1 of transcript AGAP006119-PA
JHU_Ag_63318	FIVTDIVR	AGAP006119-PA	-	51	4.12E-05	2	962.566	-0.62	Male reproductive organs	2L:-:26958515-26958492	exon=> In CDS Exon 2 of transcript AGAP006119-PA
JHU_Ag_69599	LNATVAAQHALDATR	AGAP006119-PA	-	41	0.000849718	2	1551.824	0.11	Salivary gland	2L:-:26959281-26959237	exon=> In CDS Exon 1 of transcript AGAP006119-PA
JHU_Ag_81081	FLANVYLPTSAELTASEAK	AGAP006119-PA	-	64	4.84E-06	2	2025.056	0.91	Midgut	2L:-:26958732-26959455,26958069-26958609	exon=> In CDS Exon 2 and 1 of transcript AGAP006119-PA
JHU_Ag_84222	LGADTVEGVLTMK	AGAP006119-PA	M12(Oxidation)	79	1.79E-07	2	1349.699	0.9	Midgut	2L:-:26958783-26958745	exon=> In CDS Exon 1 of transcript AGAP006119-PA
JHU_Ag_86899	LNVYFETDEVYPLK	AGAP006119-PA	-	68	2.11E-06	2	1729.874	3.22	Midgut	2L:-:26958936-26958895	exon=> In CDS Exon 1 of transcript AGAP006119-PA

JHU_Ag_14010	MPNKLELTVTATDAGVPQK	AGAP006122-PA	M1(Oxidation)	63	4.62E-06	1	2029.069	2.65	Midgut	2L:+:27007851-27007907	exon=> In CDS Exon 2 of transcript AGAP006122-PA
JHU_Ag_116774	AKPILNVVAVAK	AGAP006122-PA	-	16	0.011144485	1	1222.787	-0.89	Midgut	2L:+:27008163-27008198	exon=> In CDS Exon 2 of transcript AGAP006122-PA
JHU_Ag_25604	KIEADLNEMQM	AGAP006124-PA	M9(Oxidation), M11(Oxidation)	50	9.73E-05	2	1353.606	2.81	Malpighian tubule	2L:+:27012068-27012100	exon=> In CDS Exon 3 of transcript AGAP006124-PA
JHU_Ag_29585	ASEIPERLIIGPK	AGAP006125-PA	N-Term(Acetyl)	87	6.21E-09	1	1464.847	3.55	Malpighian tubule	2L:+:27012417-27012455	exon=> In CDS Exon 1 of transcript AGAP006125-PA
JHU_Ag_47029	DELFDIIPEK	AGAP006125-PA	-	52	9.80E-05	1	1218.627	1.49	Ovary	2L:+:27012948-27012977	exon=> In CDS Exon 1 of transcript AGAP006125-PA
JHU_Ag_50577	GGTGAGATSNAAGEPAGDGADDAK	AGAP006125-PA	-	122	4.15E-12	2	2017.870	0.16	Head	2L:+:27012636-27012707	exon=> In CDS Exon 1 of transcript AGAP006125-PA
JHU_Ag_54018	KITLSR	AGAP006125-PA	-	31	0.001225883	1	717.464	2.63	Ovary	2L:+:27012774-27012791	exon=> In CDS Exon 1 of transcript AGAP006125-PA
JHU_Ag_55232	LIIGPK	AGAP006125-PA	-	38	0.000111969	1	640.439	0.3	Salivary gland	2L:+:27012438-27012455	exon=> In CDS Exon 1 of transcript AGAP006125-PA
JHU_Ag_58368	DELFDIIPEK	AGAP006125-PA	-	46	0.000429533	2	1218.626	0.28	Head	2L:+:27012948-27012977	exon=> In CDS Exon 1 of transcript AGAP006125-PA
JHU_Ag_6442	YNTITRPFEGR	AGAP006126-PA	-	50	0.000132767	2	1353.688	-2.48	Head	2L:+:27015434-27015466	exon=> In CDS Exon 4 of transcript AGAP006126-PA
JHU_Ag_36676	TPIFIYNSFTK	AGAP006126-PA	-	51	0.000117295	1	1330.707	2.07	Head	2L:+:27015148-27015180	exon=> In CDS Exon 2 of transcript AGAP006126-PA
JHU_Ag_52747	MNVESLR	AGAP006126-PA	-	52	0.000145 03	2	848.429	-0.96	Head	2L:+:27019198-27019218	exon=> In CDS Exon 5 of transcript AGAP006126-PA
JHU_Ag_69180	FVACLDPYVYAISHPR	AGAP006126-PA	C4(Carbamidomethyl)	75	5.16E-07	1	1907.951	1.97	Head	2L:+:27019399-27019446	exon=> In CDS Exon 5 of transcript AGAP006126-PA
JHU_Ag_535	KPQDEVDEQKLENLLTR	AGAP006130-PA	-	141	9.17E-14	1	2055.078	3.02	Malpighian tubule	2L:-:27031877-27031827	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_1859	VSHRYGDFFIR	AGAP006130-PA	-	36	0.003923977	1	1396.713	0.47	Malpighian tubule	2L:-:27031691-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_5100	YGDFFIR	AGAP006130-PA	-	52	7.78E-05	2	917.454	2.23	Salivary gland	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_5432	KPQDEVDEQKLENLLTR	AGAP006130-PA	-	80	1.25E-07	1	2055.070	-0.9	Midgut	2L:-:27031877-27031827	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_8920	IQGGPSLEQR	AGAP006130-PA	-	36	0.002057875	1	1084.578	2.96	Salivary gland	2L:-:27032897-27032868	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_10502	FVSPVPPPPDAPIEDYVK	AGAP006130-PA	-	58	1.88E-05	1	1967.025	4.72	Midgut	2L:-:27032063-27032010	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_13650	LYTTLPIMK	AGAP006130-PA	M8(Oxidation)	39	0.000785832	1	1095.613	1.32	Ovary	2L:-:27031925-27031899	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_13919	LSEQHFEK	AGAP006130-PA	-	48	0.000250737	1	1017.501	0.63	Ovary	2L:-:27033023-27033000	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_15002	VHSLLGDYHQAIK	AGAP006130-PA	-	84	3.26E-08	1	1480.792	0.88	Head	2L:-:27032486-27032448	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_15306	KPQDEVDEQKLENLLTR	AGAP006130-PA	-	104	4.54E-10	1	2055.079	3.46	Head	2L:-:27031877-27031827	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_16176	FVSPVPPPPDAPIEDYVK	AGAP006130-PA	-	67	2.27E-06	1	1967.017	0.19	Pupa	2L:-:27032063-27032010	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_18918	MQCGDLDVFR	AGAP006130-PA	M1(Oxidation), C3(Carbamidomethyl)	54	2.09E-05	2	1256.540	-0.04	Midgut	2L:-:27032120-27032091	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_21278	MLGYFSLVGLLR	AGAP006130-PA	M1(Oxidation)	102	4.83E-10	2	1384.772	4.15	Salivary gland	2L:-:27032522-27032487	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_21585	IQGGPSLEQR	AGAP006130-PA	-	49	0.000116257	1	1084.578	3.18	Larva	2L:-:27032897-27032868	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_21728	KPQDEVDEQKLENLLTR	AGAP006130-PA	-	134	4.11E-13	1	2055.079	3.55	Ovary	2L:-:27031877-27031827	exon=> In CDS Exon 2 of transcript AGAP006130-PA

JHU_Ag_24421	TKQLYSAR	AGAP006130-PA	-	45	0.000227 16	1	966.536	-0.82	Malpighian tubule	2L:-:27032288-27032265	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_27057	DGVVYEIQNLYENTFPK	AGAP006130-PA	-	58	2.53E-05	2	2028.999	3.8	Malpighian tubule	2L:-:27033074-27033024	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_30247	NFFVFACPK	AGAP006130-PA	C7(Carbamidomethyl)	42	0.000558 475	2	1129.551	0.87	Midgut	2L:-:27032090-27032064	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_30819	FVSPVPPPPDAPIEDYVK	AGAP006130-PA	-	51	9.55E-05	1	1967.025	4.35	Larva	2L:-:27032063-27032010	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_31561	TFSSILLYIQR	AGAP006130-PA	-	52	3.51E-05	2	1340.760	2.15	Head	2L:-:27032321-27032289	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_33691	YGDFFIR	AGAP006130-PA	-	52	8.96E-05	2	917.453	2.03	Malpighian tubule	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_33771	DQLEAAAAGKDPEAVAGEFGR	AGAP006130-PA	-	116	4.26E-11	2	2102.017	1.01	Ovary	2L:-:27032600-27032538	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_34214	VHSLLGDYHQAIK	AGAP006130-PA	-	61	7.85E-06	1	1480.790	-0.55	Midgut	2L:-:27032486-27032448	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_40067	VHSLLGDYHQAIK	AGAP006130-PA	-	86	2.15E-08	1	1480.790	-0.27	Malpighian tubule	2L:-:27032486-27032448	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_41904	TFSSILLYIQR	AGAP006130-PA	-	72	3.44E-07	2	1340.760	1.78	Pupa	2L:-:27032321-27032289	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_42914	VHSLLGDYHQAIK	AGAP006130-PA	-	85	2.65E-08	1	1480.791	0.01	Salivary gland	2L:-:27032486-27032448	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_43436	SYQNDQINK	AGAP006130-PA	-	59	1.74E-05	1	1109.524	1.71	Ovary	2L:-:27032264-27032238	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_44192	NFFVFACPK	AGAP006130-PA	C7(Carbamidomethyl)	39	0.001121 538	2	1129.549	-1.07	Male reproductive organs	2L:-:27032090-27032064	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_46277	NFFVFACPK	AGAP006130-PA	C7(Carbamidomethyl)	33	0.004404 973	2	1129.554	3.47	Pupa	2L:-:27032090-27032064	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_46921	FVSPVPPPPDAPIEDYVK	AGAP006130-PA	-	64	4.37E-06	1	1967.018	0.94	Malpighian tubule	2L:-:27032063-27032010	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_50507	TFSSILLYIQR	AGAP006130-PA	-	78	1.04E-07	2	1340.761	2.97	Malpighian tubule	2L:-:27032321-27032289	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_53706	VLEPIEIHK	AGAP006130-PA	-	36	0.000828 378	1	1077.632	1.27	Salivary gland	2L:-:27032447-27032421	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_54598	DALEHQINVFMDEVK	AGAP006130-PA	M11(Oxidation)	95	4.28E-09	1	1803.859	0.3	Ovary	2L:-:27032009-27031965	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_55033	NFFVFACPK	AGAP006130-PA	C7(Carbamidomethyl)	48	0.000127 334	2	1129.553	2.82	Head	2L:-:27032090-27032064	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_55535	FVSPVPPPPDAPIEDYVKDALEHQINVF MDEVK	AGAP006130-PA	M29(Oxidation)	60	8.44E-06	1	3751.866	2.61	Ovary	2L:-:27032063-27031965	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_59867	MQCGDLDVFR	AGAP006130-PA	M1(Oxidation), C3(Carbamidomethyl),C3(Carbamidomethyl)	73	2.92E-07	1	1256.539	-0.43	Ovary	2L:-:27032120-27032091	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_60228	DPEAVAGEFGR	AGAP006130-PA	-	86	3.73E-08	2	1147.542	3.82	Pupa	2L:-:27032570-27032538	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_60940	VLEPIEIHKK	AGAP006130-PA	-	29	0.002029 232	1	1205.727	1.3	Ovary	2L:-:27032447-27032418	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_62030	YGDFFIRK	AGAP006130-PA	-	47	0.000432 073	2	1045.549	2.66	Ovary	2L:-:27031679-27031656	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_62296	DPEAVAGEFGR	AGAP006130-PA	-	80	1.26E-07	1	1147.539	1.16	Ovary	2L:-:27032570-27032538	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_62993	IQGGPSLEQR	AGAP006130-PA	-	54	3.54E-05	2	1084.575	0.14	Malpighian tubule	2L:-:27032897-27032868	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_64781	LSEQHFEK	AGAP006130-PA	-	51	0.000139 147	2	1017.499	-0.63	Pupa	2L:-:27033023-27033000	exon=> In CDS Exon 2 of transcript AGAP006130-PA

JHU_Ag_66380	YGDFFIR	AGAP006130-PA	-	52	8.39E-05	2	917.452	0.11	Pupa	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_66566	KPQDEVDEQKLENLLTR	AGAP006130-PA	-	92	6.70E-09	1	2055.075	1.68	Pupa	2L:-:27031877-27031827	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_67245	NFFVFACPK	AGAP006130-PA	C7(Carbamidomethyl)	52	4.68E-05	1	1129.549	-0.75	Salivary gland	2L:-:27032090-27032064	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_70018	YGDFFIR	AGAP006130-PA	-	52	8.94E-05	2	917.453	2.03	Ovary	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_73933	LTDKTDEEMDMLLNNNSK	AGAP006130-PA	M9(Oxidation), M11(Oxidation)	107	2.05E-10	1	2142.952	-0.26	Ovary	2L:-:27032717-27032664	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_73966	QQQELPTIR	AGAP006130-PA	-	38	0.001492186	2	1112.605	-1	Pupa	2L:-:27031964-27031938	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_74946	DGVVYEIQNLYENTFPK	AGAP006130-PA	-	124	7.48E-12	1	2028.998	3.44	Ovary	2L:-:27033074-27033024	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_74964	DQLEAAAAGKDPEAVAGEFGR	AGAP006130-PA	-	46	0.000385415	1	2102.018	1.49	Head	2L:-:27032600-27032538	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_76659	KPQDEVDEQKLENLLTR	AGAP006130-PA	-	127	2.27E-12	1	2055.078	3.2	Salivary gland	2L:-:27031877-27031827	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_76936	TFSSILLYIQR	AGAP006130-PA	-	69	6.92E-07	2	1340.761	2.42	Ovary	2L:-:27032321-27032289	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_78159	VLEPIEIHK	AGAP006130-PA	-	49	4.89E-05	1	1077.631	0.42	Ovary	2L:-:27032447-27032421	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_78488	QQQELPTIR	AGAP006130-PA	-	41	0.000722475	2	1112.605	-0.89	Midgut	2L:-:27031964-27031938	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_79376	YGDFFIR	AGAP006130-PA	-	44	0.00051318	1	917.451	-0.83	Male reproductive organs	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_79723	KPQDEVDEQKLENLLTR	AGAP006130-PA	-	54	4.20E-05	1	2055.076	2.22	Male reproductive organs	2L:-:27031877-27031827	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_81774	LSEQHFEK	AGAP006130-PA	-	37	0.003136715	1	1017.500	-0.21	Malpighian tubule	2L:-:27033023-27033000	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_83622	LASFMDR	AGAP006130-PA	M5(Oxidation)	38	0.001539293	2	839.409	0.75	Malpighian tubule	2L:-:27031898-27031878	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_83995	LASFMDR	AGAP006130-PA	M5(Oxidation)	41	0.000733064	2	855.404	1.11	Ovary	2L:-:27031898-27031878	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_87415	IQGGPSLEQR	AGAP006130-PA	-	53	4.00E-05	2	1084.574	-0.76	Pupa	2L:-:27032897-27032868	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_88435	TFSSILLYIQR	AGAP006130-PA	-	82	3.87E-08	2	1340.762	3.24	Salivary gland	2L:-:27032321-27032289	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_89927	FQSGSELDFYIDKDMIHIADTK	AGAP006130-PA	M15(Oxidation)	36	0.004624301	1	2589.228	3.82	Ovary	2L:-:27031757-27031692	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_90057	LSEQHFEK	AGAP006130-PA	-	37	0.002560754	2	1017.494	-5.43	Head	2L:-:27033023-27033000	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_91530	IQGGPSLEQR	AGAP006130-PA	-	30	0.007324802	2	1084.576	1.38	Head	2L:-:27032897-27032868	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_92696	SYQNDQINK	AGAP006130-PA	-	38	0.002565023	2	1109.522	-0.16	Midgut	2L:-:27032264-27032238	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_92697	FVSPVPPPPDAPIEDYVK	AGAP006130-PA	-	95	3.59E-09	1	1967.015	-0.37	Ovary	2L:-:27032063-27032010	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_93283	NFFVFACPK	AGAP006130-PA	C7(Carbamidomethyl)	35	0.003051286	1	1129.550	0.22	Malpighian tubule	2L:-:27032090-27032064	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_94576	DALEHQINVFMDEVK	AGAP006130-PA	-	34	0.006345764	1	1787.868	2.37	Malpighian tubule	2L:-:27032009-27031965	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_94932	NFFVFACPK	AGAP006130-PA	C7(Carbamidomethyl)	45	0.000301956	2	1129.553	2.93	Ovary	2L:-:27032090-27032064	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_95416	DGVVYEIQNLYENTFPK	AGAP006130-PA	-	57	3.15E-05	2	2028.992	0.49	Salivary gland	2L:-:27033074-27033024	exon=> In CDS Exon 2 of transcript AGAP006130-PA

JHU_Ag_95602	VHSLLGDYHQAIK	AGAP006130-PA	-	46	0.000229 35	1	1480.795	3.16	Larva	2L:-:27032486-27032448	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_97152	YGDFFIR	AGAP006130-PA	-	52	7.38E-05	2	917.452	0.84	Midgut	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_97987	QQQELPTIR	AGAP006130-PA	-	39	0.001093 977	2	1112.608	1.53	Ovary	2L:-:27031964-27031938	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_100132	TFSSILLYIQR	AGAP006130-PA	-	70	6.33E-07	2	1340.757	-0.49	Midgut	2L:-:27032321-27032289	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_100614	YGDFFIR	AGAP006130-PA	-	52	8.71E-05	2	917.455	3.23	Head	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_103289	VLEPIEIHKK	AGAP006130-PA	-	31	0.001178 506	2	1205.726	0.59	Male reproductive organs	2L:-:27032447-27032418	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_103505	YGDFFIR	AGAP006130-PA	-	35	0.003751 543	2	917.454	3.03	Larva	2L:-:27031679-27031659	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_104375	IKDQLEAAAAGK	AGAP006130-PA	-	85	3.92E-08	1	1214.673	-0.61	Ovary	2L:-:27032606-27032571	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_105200	IQGGPSLEQR	AGAP006130-PA	-	57	1.67E-05	2	1084.573	-1.55	Ovary	2L:-:27032897-27032868	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_106626	DPEAVAGEFGR	AGAP006130-PA	-	84	4.58E-08	2	1147.542	3.18	Salivary gland	2L:-:27032570-27032538	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_108789	FVSPVPPPPDAPIEDYVK	AGAP006130-PA	-	64	5.10E-06	1	1967.028	5.84	Head	2L:-:27032063-27032010	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_111345	FVSPVPPPPDAPIEDYVK	AGAP006130-PA	-	53	5.62E-05	1	1967.019	1.31	Salivary gland	2L:-:27032063-27032010	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_111757	MLGYFSLVGLLR	AGAP006130-PA	M1(Oxidation)	72	4.25E-07	1	1384.769	2.39	Ovary	2L:-:27032522-27032487	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_113566	FLMYFCTVIK	AGAP006130-PA	M3(Oxidation), C6(Carbamidomethyl)	58	2.71E-05	1	1337.665	1.08	Ovary	2L:-:27033104-27033075	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_113938	SYQNDQINK	AGAP006130-PA	-	54	5.92E-05	1	1109.522	-0.05	Malpighian tubule	2L:-:27032264-27032238	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_114375	VHSLLGDYHQAIK	AGAP006130-PA	-	87	1.86E-08	1	1480.795	2.78	Ovary	2L:-:27032486-27032448	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_116570	VLEPIEIHK	AGAP006130-PA	-	30	0.004002 145	1	1077.631	0.67	Malpighian tubule	2L:-:27032447-27032421	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_117690	VLEPIEIHKK	AGAP006130-PA	-	29	0.001863 51	2	1205.727	1.3	Malpighian tubule	2L:-:27032447-27032418	exon=> In CDS Exon 2 of transcript AGAP006130-PA
JHU_Ag_7381	ESFQCVLPSK	AGAP006132-PA	C5(Carbamidomethyl)	44	0.000604 89	2	1194.583	0.15	Malpighian tubule	2L:-:27044903-27044874	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_8019	FPFVLPVR	AGAP006132-PA	-	49	5.40E-05	1	974.584	2.27	Malpighian tubule	2L:-:27045302-27045279	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_40112	DETLAHR	AGAP006132-PA	-	43	0.000414 007	1	841.417	0.38	Malpighian tubule	2L:-:27045260-27045240	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_49599	LPIGVITIGSFLHSQHTSSPK	AGAP006132-PA	-	111	3.34E-11	1	2219.224	2.36	Malpighian tubule	2L:-:27045365-27045303	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_51089	AYATAYPAFAEVLLKK	AGAP006132-PA	-	74	3.11E-07	1	1755.968	0.22	Malpighian tubule	2L:-:27045233-27045186	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_52492	DETLAHR	AGAP006132-PA	-	52	5.51E-05	2	841.416	-0.56	Midgut	2L:-:27045260-27045240	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_55405	QTILARDETLAHR	AGAP006132-PA	-	36	0.001615 319	1	1523.831	1.52	Malpighian tubule	2L:-:27045278-27045240	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_57078	AELPVLQNGLLIVPGSNR	AGAP006132-PA	N8(Deamidated)	77	3.45E-08	1	1890.086	2.6	Malpighian tubule	2L:-:27045582-27045529	exon=> In CDS Exon 1 of transcript AGAP006132-PA
JHU_Ag_74220	AGLAAVSSVLISSTLLKR	AGAP006132-PA	-	110	3.83E-12	1	1786.088	4.38	Malpighian tubule	2L:-:27044825-27044772	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_79756	QTIERLPIGVITIGSFLHSQHTSSPK	AGAP006132-PA	-	82	2.35E-08	1	2846.561	3.17	Malpighian tubule	2L:-:27045380-27045303	exon=> In CDS Exon 2 of transcript AGAP006132-PA

JHU_Ag_85885	ILDYLEENYPK	AGAP006132-PA	-	78	2.60E-07	2	1396.703	2.18	Malpighian tubule	2L:-:27045528-27045496	exon=> In CDS Exon 1 of transcript AGAP006132-PA
JHU_Ag_94108	TVWINTPPVYK	AGAP006132-PA	-	59	1.60E-05	1	1317.723	2.09	Malpighian tubule	2L:-:27044858-27044826	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_97482	LYVLGLEDRFWGEGK	AGAP006132-PA	-	53	6.57E-05	1	1781.927	2.66	Malpighian tubule	2L:-:27044990-27044946	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_100477	MPIETDKLVVGFR	AGAP006132-PA	M1(Oxidation)	68	1.38E-06	1	1504.821	1.16	Malpighian tubule	2L:-:27045419-27045381	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_101732	FPFVLPVR	AGAP006132-PA	-	42	0.000250297	1	974.584	1.33	Visceras	2L:-:27045302-27045279	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_103912	AYATAYPAFAEVLLK	AGAP006132-PA	-	52	5.56E-05	2	1627.881	4.96	Malpighian tubule	2L:-:27045233-27045189	exon=> In CDS Exon 2 of transcript AGAP006132-PA
JHU_Ag_644	IVLQGLQGSDFTPQQTALVQQQVK	AGAP006133-PA	-	34	0.002007973	3	2626.436	5.98	Head	2L:-:27059837-27059766	exon=> In CDS Exon 9 of transcript AGAP006133-PA
JHU_Ag_8285	GLNPGQQLIQTPDGK	AGAP006133-PA	-	55	3.15E-05	2	1565.835	4.3	Head	2L:-:27061769-27061725	exon=> In CDS Exon 6 of transcript AGAP006133-PA
JHU_Ag_15067	VGPTGTPSTSAATSTVTSGDASNPSTPTQHILNK	AGAP006133-PA	-	41	0.000875538	1	3282.619	3.14	Head	2L:-:27061561-27061460	exon=> In CDS Exon 7 of transcript AGAP006133-PA
JHU_Ag_21082	IIQQNVAAPSSSGQQQTATTPKPDGPQK	AGAP006133-PA	-	57	1.82E-05	1	2877.474	1.26	Head	2L:-:27061895-27061812	exon=> In CDS Exon 6 of transcript AGAP006133-PA
JHU_Ag_33860	VLLATTPGQPTVTK	AGAP006133-PA	-	52	2.60E-05	1	1425.834	1.71	Head	2L:-:27060953-27060912	exon=> In CDS Exon 8 of transcript AGAP006133-PA
JHU_Ag_86883	SYIESDPSLDQAVLR	AGAP006133-PA	-	52	8.75E-05	1	1692.857	7.83	Head	2L:-:27066522-27066478	exon=> In CDS Exon 2 of transcript AGAP006133-PA
JHU_Ag_90040	LQSLVNQTQELR	AGAP006133-PA	N6(Deamidated), Q9(Deamidated),"Q7(Deamidated), Q9(Deamidated)"	40	0.001567184	1	1430.750	0.92	Head	2L:-:27064164-27064129	exon=> In CDS Exon 3 of transcript AGAP006133-PA
JHU_Ag_94240	KELIQK	AGAP006133-PA	-	44	0.000339459	2	758.488	14.24	Male reproductive organs	2L:-:27052344-27052327	exon=> In CDS Exon 11 of transcript AGAP006133-PA
JHU_Ag_95302	DGQDGSSSTPSASR	AGAP006133-PA	-	50	5.79E-05	2	1351.578	4.04	Head	2L:-:27068480-27068439	exon=> In CDS Exon 1 of transcript AGAP006133-PA
JHU_Ag_106057	VITSSGHQQLLATSTPVQK	AGAP006133-PA	-	100	6.21E-10	1	1995.093	2.79	Head	2L:-:27061160-27061104	exon=> In CDS Exon 8 of transcript AGAP006133-PA
JHU_Ag_106588	LQSLVNQTQELR	AGAP006133-PA	N6(Deamidated), Q7(Deamidated),"N6(Deamidated), Q9(Deamidated)","Q7(Deamidated), Q9(Deamidated)"	41	0.001206138	1	1430.749	0.24	Male reproductive organs	2L:-:27064164-27064129	exon=> In CDS Exon 3 of transcript AGAP006133-PA
JHU_Ag_115994	LAAASAQPVTR	AGAP006133-PA	-	70	8.38E-07	2	1084.613	2.04	Head	2L:-:27062293-27062261	exon=> In CDS Exon 5 of transcript AGAP006133-PA
JHU_Ag_5404	FSNYQSGTR	AGAP006134-PA	-	38	0.001077224	2	1059.486	0.56	Male reproductive organs	2L:-:27071985-27071959	exon=> In CDS Exon 2 of transcript AGAP006134-PA
JHU_Ag_6512	FVTVFSSAGSKPLAIWDVHTK	AGAP006134-PA	-	145	1.75E-14	1	2290.226	1.35	Male reproductive organs	2L:-:27072344-27072282	exon=> In CDS Exon 1 of transcript AGAP006134-PA
JHU_Ag_25920	AYGTNYVETVR	AGAP006134-PA	-	59	1.75E-05	2	1272.627	4.28	Male reproductive organs	2L:-:27071871-27071839	exon=> In CDS Exon 2 of transcript AGAP006134-PA
JHU_Ag_37017	RAYGTNYVETVR	AGAP006134-PA	-	40	0.001235337	1	1428.724	0.53	Male reproductive organs	2L:-:27071874-27071839	exon=> In CDS Exon 2 of transcript AGAP006134-PA
JHU_Ag_66047	LFPPVRPNR	AGAP006134-PA	-	31	0.002595971	1	1095.643	0.25	Male reproductive organs	2L:-:27071751-27071725	exon=> In CDS Exon 2 of transcript AGAP006134-PA
JHU_Ag_80004	LPFLVMLVK	AGAP006134-PA	M6(Oxidation)	57	2.00E-06	1	1075.658	-0.2	Male reproductive organs	2L:-:27072155-27072129	exon=> In CDS Exon 1 of transcript AGAP006134-PA
JHU_Ag_92910	LQIHANVRIK	AGAP006134-PA	Q2(Deamidated)	21	0.010898532	1	1192.716	0.01	Midgut	2L:-:27071838-27071809	exon=> In CDS Exon 2 of transcript AGAP006134-PA

JHU_Ag_113523	LQIHANVR	AGAP006134-PA	-	35	0.001380 59	1	950.553	-0.1	Male reproductive organs	2L:-:27071838-27071815	exon=> In CDS Exon 2 of transcript AGAP006134-PA
JHU_Ag_80497	NYNVIILDEVHER	AGAP006138-PA	-	34	0.004796 031	2	1613.836	5.02	Ovary	2L:+:27083148-27083186	exon=> In CDS Exon 2 of transcript AGAP006138-PA
JHU_Ag_111400	SGDHITLLNVFNEFK	AGAP006138-PA	-	47	0.000258 733	2	1733.901	8.59	Ovary	2L:+:27084312-27084356	exon=> In CDS Exon 3 of transcript AGAP006138-PA
JHU_Ag_4703	QQAEIK	AGAP006139-PA	Q1(Deamidated), Q2(Deamidated)	36	0.002979 678	1	718.361	-0.65	Midgut	2L:+:27086524-27086541	exon=> In CDS Exon 2 of transcript AGAP006139-PA
JHU_Ag_7246	IYFLLVR	AGAP006139-PA	-	37	0.000304 854	1	923.574	3.31	Ovary	2L:+:27087908-27087928	exon=> In CDS Exon 5 of transcript AGAP006139-PA
JHU_Ag_17381	GNHHDFLSLVR	AGAP006139-PA	-	35	0.004722 073	1	1294.663	-1.7	Head	2L:+:27087404-27087436	exon=> In CDS Exon 3 of transcript AGAP006139-PA
JHU_Ag_27389	ELPSGVGGTGAAGAGGLLGDGSADED SVGGLK	AGAP006139-PA	-	78	2.09E-07	1	2771.330	-1.15	Head	2L:+:27088512-27088607	exon=> In CDS Exon 6 of transcript AGAP006139-PA
JHU_Ag_29442	YFLNLVLIDTEDRR	AGAP006139-PA	-	48	0.000160 1	1	1766.939	-2.52	Midgut	2L:+:27088257-27088298	exon=> In CDS Exon 6 of transcript AGAP006139-PA
JHU_Ag_48237	FGQSADIDVVFDGAENR	AGAP006139-PA	-	58	2.15E-05	2	1839.864	7.36	Ovary	2L:+:27086473-27086523	exon=> In CDS Exon 2 of transcript AGAP006139-PA
JHU_Ag_88895	ELARPGDLIQNTSYPFEFANVEKPYEVY VGSNVR	AGAP006139-PA	-	64	3.79E-06	1	3901.949	2.35	Midgut	2L:+:27087437-27087538	exon=> In CDS Exon 3 of transcript AGAP006139-PA
JHU_Ag_93458	EVDIAVHTLSSYPDTNSPIK	AGAP006139-PA	-	39	0.001391 798	1	2186.102	1.93	Malpighian tubule	2L:+:27087679-27087738	exon=> In CDS Exon 4 of transcript AGAP006139-PA
JHU_Ag_101011	GNHHDFLSLVR	AGAP006139-PA	-	38	0.002065 091	1	1294.670	3.92	Midgut	2L:+:27087404-27087436	exon=> In CDS Exon 3 of transcript AGAP006139-PA
JHU_Ag_105969	YFLNLVLIDTEDRR	AGAP006139-PA	-	54	4.41E-05	1	1766.944	0.38	Malpighian tubule	2L:+:27088257-27088298	exon=> In CDS Exon 6 of transcript AGAP006139-PA
JHU_Ag_109316	FGQSADIDVVFDGAENR	AGAP006139-PA	-	52	8.30E-05	2	1839.852	0.86	Head	2L:+:27086473-27086523	exon=> In CDS Exon 2 of transcript AGAP006139-PA
JHU_Ag_111019	ELPSGVGGTGAAGAGGLLGDGSADED SVGGLKR	AGAP006139-PA	-	39	0.001587 829	1	2927.443	2.9	Head	2L:+:27088512-27088610	exon=> In CDS Exon 6 of transcript AGAP006139-PA
JHU_Ag_111996	ELPSGVGGTGAAGAGGLLGDGSADED SVGGLKR	AGAP006139-PA	-	157	2.43E-15	1	2927.454	6.65	Malpighian tubule	2L:+:27088512-27088610	exon=> In CDS Exon 6 of transcript AGAP006139-PA
JHU_Ag_86892	AHPGAVQLLGEPIKDLSFDYGEESR	AGAP006140-PA	-	52	9.54E-05	1	2728.354	-1.43	Head	2L:+:27091379-27091388,27091469-27091533	exon=> In CDS Exon 1 and 2 of transcript AGAP006140-PA
JHU_Ag_100395	DLSFDYGEESR	AGAP006140-PA	-	33	0.001765 158	2	1317.557	-1.6	Midgut	2L:+:27091501-27091533	exon=> In CDS Exon 2 of transcript AGAP006140-PA
JHU_Ag_38900	LEDKIR	AGAP006140-PA,AGAP004877-PA	-	43	0.001096 455	1	773.453	2.16	Malpighian tubule	2L:+:27091322-27091339;2L:+:4852161-4852166,4853168-4853179	exon=> In CDS Exon 1 of transcript AGAP006140-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP004877-PA
JHU_Ag_1529	LIEESEHDYQTAISENYQTMSDTTFK	AGAP006141-PA	M20(Oxidation)	124	3.13E-12	1	3080.370	0.86	Malpighian tubule	2L:-:27094742-27094665	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_2190	ETVPITNEANTAK	AGAP006141-PA	-	40	0.001413 735	1	1387.708	1.27	Male reproductive organs	2L:-:27094793-27094755	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_5604	ADVDDVISDQDKIR	AGAP006141-PA	N-Term(Acetyl)	121	1.31E-11	1	1630.797	3.05	Male reproductive organs	2L:-:27100948-27100907	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_9745	IASDFLMHAPPGEFNEVFNDVR	AGAP006141-PA	-	55	4.28E-05	1	2505.181	-2.31	Visceras	2L:-:27100906-27100841	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_10709	EASDLQNHDGDHTSEQWR	AGAP006141-PA	-	74	2.04E-07	1	2124.897	0.34	Pupa	2L:-:27095132-27095079	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_11039	LIEESEHDYQTAISENYQTMSDTTFK	AGAP006141-PA	M20(Oxidation)	102	4.33E-10	1	3096.359	-1.25	Midgut	2L:-:27094742-27094665	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_14650	IASDFLMHAPPGEFNEVFNDVR	AGAP006141-PA	M7(Oxidation)	138	2.38E-13	1	2521.185	1.15	Male reproductive organs	2L:-:27100906-27100841	exon=> In CDS Exon 1 of transcript AGAP006141-PA

JHU_Ag_17053	AMLDIETLTYSANHYR	AGAP006141-PA	M2(Oxidation)	48	0.000190839	1	1913.909	1.42	Male reproductive organs	2L:-:27095078-27095031	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_21548	ETVPITNEANTAK	AGAP006141-PA	-	75	4.97E-07	2	1387.706	0.04	Head	2L:-:27094793-27094755	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_21946	ETVPITNEANTAK	AGAP006141-PA	-	52	9.78E-05	1	1387.708	1.36	Malpighian tubule	2L:-:27094793-27094755	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_31752	LIEESEHDYQTAISENYQTMSDTTFK	AGAP006141-PA	M20(Oxidation)	126	1.73E-12	1	3096.365	0.64	Male reproductive organs	2L:-:27094742-27094665	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_37636	SVWAITFPATGGGTAELK	AGAP006141-PA	-	64	5.01E-06	2	1805.950	3.9	Male reproductive organs	2L:-:27094919-27094866	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_39762	ETVPITNEANTAK	AGAP006141-PA	-	77	3.09E-07	2	1387.705	-1.01	Midgut	2L:-:27094793-27094755	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_42565	ADVDDVISDQDKIR	AGAP006141-PA	N-Term(Acetyl)	92	1.20E-08	1	1630.795	1.62	Pupa	2L:-:27100948-27100907	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_46975	SVWAITFPATGGGTAELK	AGAP006141-PA	-	57	2.65E-05	1	1805.944	0.52	Head	2L:-:27094919-27094866	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_49724	IASDFLMHAPPGEFNEVFNDVR	AGAP006141-PA	M7(Oxidation)	56	3.51E-05	3	2521.185	1.44	Pupa	2L:-:27100906-27100841	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_51131	SVWAITFPATGGGTAELK	AGAP006141-PA	-	77	2.71E-07	2	1805.947	2.21	Visceras	2L:-:27094919-27094866	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_61135	ADVDDVISDQDKIR	AGAP006141-PA	N-Term(Acetyl)	84	6.08E-08	1	1630.794	0.95	Head	2L:-:27100948-27100907	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_64734	ADVDDVISDQDKIR	AGAP006141-PA	N-Term(Acetyl)	121	1.35E-11	1	1630.798	3.49	Visceras	2L:-:27100948-27100907	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_70752	ADVDDVISDQDKIR	AGAP006141-PA	N-Term(Acetyl)	93	9.14E-09	1	1630.796	2.37	Salivary gland	2L:-:27100948-27100907	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_74627	SVWAITFPATGGGTAELK	AGAP006141-PA	-	62	7.16E-06	2	1805.947	2.01	Pupa	2L:-:27094919-27094866	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_79647	DQLTPVILENSELAVLITEFNDLGGGR	AGAP006141-PA	-	38	0.001019304	1	2913.525	1.38	Ovary	2L:-:27100774-27100951,27094572-27095184	exon=> In CDS Exon 2 and 1 of transcript AGAP006141-PA
JHU_Ag_81353	EASDLQNHDGDHTSEQWR	AGAP006141-PA	-	85	1.58E-08	1	2124.894	-1.03	Midgut	2L:-:27095132-27095079	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_84489	IASDFLMHAPPGEFNEVFNDVR	AGAP006141-PA	M7(Oxidation)	146	3.52E-14	1	2521.180	-0.88	Ovary	2L:-:27100906-27100841	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_88300	IASDFLMHAPPGEFNEVFNDVR	AGAP006141-PA	M7(Oxidation)	133	6.92E-13	1	2521.189	2.75	Head	2L:-:27100906-27100841	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_91347	ADVDDVISDQDKIR	AGAP006141-PA	N-Term(Acetyl)	112	1.10E-10	1	1630.793	0.58	Midgut	2L:-:27100948-27100907	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_94421	EASDLQNHDGDHTSEQWR	AGAP006141-PA	-	115	1.79E-11	1	2124.900	1.38	Malpighian tubule	2L:-:27095132-27095079	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_95478	ETVPITNEANTAK	AGAP006141-PA	-	62	8.72E-06	1	1387.708	1.36	Visceras	2L:-:27094793-27094755	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_96878	IASDFLMHAPPGEFNEVFNDVR	AGAP006141-PA	M7(Oxidation)	128	2.38E-12	1	2521.183	0.5	Midgut	2L:-:27100906-27100841	exon=> In CDS Exon 1 of transcript AGAP006141-PA
JHU_Ag_98432	ETVPITNEANTAK	AGAP006141-PA	-	38	0.002112304	1	1387.707	0.57	Pupa	2L:-:27094793-27094755	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_99817	EASDLQNHDGDHTSEQWR	AGAP006141-PA	-	55	1.68E-05	1	2124.898	0.78	Visceras	2L:-:27095132-27095079	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_108348	AMLDIETLTYSANHYR	AGAP006141-PA	M2(Oxidation)	42	0.0008853	1	1913.908	0.85	Head	2L:-:27095078-27095031	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_115942	SVWAITFPATGGGTAELK	AGAP006141-PA	-	60	1.33E-05	2	1805.946	1.26	Midgut	2L:-:27094919-27094866	exon=> In CDS Exon 2 of transcript AGAP006141-PA
JHU_Ag_117717	ADVDDVISDQDKIR	AGAP006141-PA	N-Term(Acetyl)	107	3.22E-10	1	1630.795	1.92	Malpighian tubule	2L:-:27100948-27100907	exon=> In CDS Exon 1 of transcript AGAP006141-PA

JHU_Ag_24958	QVAEPVFAPAVK	AGAP006145-PA	-	31	0.004924835	2	1255.707	1.71	Head	2L:-:27151061-27151026	exon=> In CDS Exon 1 of transcript AGAP006145-PA
JHU_Ag_31256	SVPTGYSHQSFTQYHNK	AGAP006145-PA	-	71	1.08E-06	1	1980.923	1.4	Head	2L:-:27151112-27151062	exon=> In CDS Exon 1 of transcript AGAP006145-PA
JHU_Ag_70774	SIVEEPTVAHVGTIEK	AGAP006145-PA	-	40	0.000743598	2	1708.919	4.21	Head	2L:-:27151160-27151113	exon=> In CDS Exon 1 of transcript AGAP006145-PA
JHU_Ag_8740	TTYVQAAAPVVHAAPAVYAAPVQTVYAAAPVAK	AGAP006145-PA,AGAP006146-PA	-	124	1.67E-12	1	3266.759	0.62	Pupa	2L:-:27150995-27150897;2L:+:27154296-27154394	exon=> In CDS Exon 1 of transcript AGAP006145-PA;exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_11465	TYTYAAAPAAISYEAAPVAYAAPLK	AGAP006145-PA,AGAP006146-PA	-	67	2.08E-06	2	2544.312	3.7	Pupa	2L:-:27150866-27150792;2L:+:27154425-27154499	exon=> In CDS Exon 1 of transcript AGAP006145-PA;exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_34075	TTYVQAAAPVVHAAPAVYAAPVQTVYAAAPVAK	AGAP006145-PA,AGAP006146-PA	-	120	3.56E-12	1	3266.760	0.96	Head	2L:-:27150995-27150897;2L:+:27154296-27154394	exon=> In CDS Exon 1 of transcript AGAP006145-PA;exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_95980	TYTYAAAPAAISYEAAPVAYAAPLK	AGAP006145-PA,AGAP006146-PA	-	93	6.25E-09	1	2544.305	1.11	Head	2L:-:27150866-27150792;2L:+:27154425-27154499	exon=> In CDS Exon 1 of transcript AGAP006145-PA;exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_31917	SIVEEPTVAHVGTVVK	AGAP006146-PA	-	119	7.87E-12	1	1664.925	1.81	Head	2L:+:27154131-27154178	exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_48722	TAYVSSYPSVYAAPAVYANQWH	AGAP006146-PA	-	60	1.27E-05	2	2445.147	-1.54	Head	2L:+:27154500-27154565	exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_54129	VREDVYAPAVK	AGAP006146-PA	-	47	0.000290547	2	1246.680	0.63	Pupa	2L:+:27154233-27154265	exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_65800	TVPTGVTHTSSAVVHDTK	AGAP006146-PA	-	36	0.003731227	2	1836.941	-2.31	Pupa	2L:+:27154179-27154232	exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_69610	TVPTGVTHTSSAVVHDTK	AGAP006146-PA	-	85	4.55E-08	1	1836.944	-0.58	Head	2L:+:27154179-27154232	exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_98772	VREDVYAPAVK	AGAP006146-PA	-	59	1.91E-05	1	1246.673	-4.85	Head	2L:+:27154233-27154265	exon=> In CDS Exon 2 of transcript AGAP006146-PA
JHU_Ag_9796	LTNNLLAQWTPGGAIVR	AGAP006147-PA	-	59	6.81E-06	1	1824.016	1.81	Pupa	2L:-:27155605-27155555	exon=> In CDS Exon 2 of transcript AGAP006147-PA
JHU_Ag_56668	LTNNLLAQWTPGGAIVR	AGAP006147-PA	-	46	0.000116416	2	1824.021	4.42	Head	2L:-:27155605-27155555	exon=> In CDS Exon 2 of transcript AGAP006147-PA
JHU_Ag_1270	TIPTAVSHQSSTVVHNSAK	AGAP006148-PA	-	33	0.005654052	1	1964.023	1.48	Pupa	2L:-:27158827-27158771	exon=> In CDS Exon 2 of transcript AGAP006148-PA
JHU_Ag_13315	SIIEEPTVAHVGSLVK	AGAP006148-PA	-	58	6.72E-06	2	1678.945	4.18	Head	2L:-:27158875-27158828	exon=> In CDS Exon 2 of transcript AGAP006148-PA
JHU_Ag_19458	ITEPIYAPAVK	AGAP006148-PA	-	40	0.000943987	2	1201.685	1.96	Pupa	2L:-:27158770-27158738	exon=> In CDS Exon 2 of transcript AGAP006148-PA
JHU_Ag_35578	TIPTAVSHQSSTVVHNSAK	AGAP006148-PA	-	129	1.71E-12	1	1964.020	0.15	Head	2L:-:27158827-27158771	exon=> In CDS Exon 2 of transcript AGAP006148-PA
JHU_Ag_59233	ITEPIYAPAVK	AGAP006148-PA	-	45	0.000291353	2	1201.679	-3.12	Midgut	2L:-:27158770-27158738	exon=> In CDS Exon 2 of transcript AGAP006148-PA
JHU_Ag_88910	TTYFAAPAAYAYAAPALAYHDAYAYHHL	AGAP006148-PA	-	67	2.45E-06	1	3074.463	5.22	Visceras	2L:-:27158707-27158624	exon=> In CDS Exon 2 of transcript AGAP006148-PA
JHU_Ag_111828	SIIEEPTVAHVGSLVK	AGAP006148-PA	-	59	5.78E-06	2	1678.944	3.96	Malpighian tubule	2L:-:27158875-27158828	exon=> In CDS Exon 2 of transcript AGAP006148-PA
JHU_Ag_16855	TVAAPVAYAAPAYHAAPIVK	AGAP006149-PA	-	78	8.81E-08	1	1981.092	0.85	Malpighian tubule	2L:-:27173855-27173796	exon=> In CDS Exon 2 of transcript AGAP006149-PA
JHU_Ag_31652	TVAAPVAYAAPAYHAAPIVK	AGAP006149-PA	-	59	6.32E-06	2	1981.093	1.1	Pupa	2L:-:27173855-27173796	exon=> In CDS Exon 2 of transcript AGAP006149-PA
JHU_Ag_50428	AVAPVATSYANTYK	AGAP006149-PA	-	45	0.000386878	2	1455.749	0.75	Salivary gland	2L:-:27173795-27173754	exon=> In CDS Exon 2 of transcript AGAP006149-PA
JHU_Ag_70854	AVAPVATSYANTYK	AGAP006149-PA	-	83	6.96E-08	2	1455.748	0.16	Pupa	2L:-:27173795-27173754	exon=> In CDS Exon 2 of transcript AGAP006149-PA

JHU_Ag_77283	TVAAPVAYAAPAYHAAPIVK	AGAP006149-PA	-	106	1.37E-10	1	1981.086	-2.29	Head	2L:-:27173855-27173796	exon=> In CDS Exon 2 of transcript AGAP006149-PA
JHU_Ag_90657	AVAPVATSYANTYK	AGAP006149-PA	-	107	2.70E-10	1	1455.750	1.5	Head	2L:-:27173795-27173754	exon=> In CDS Exon 2 of transcript AGAP006149-PA
JHU_Ag_95355	AVAPVATSYANTYK	AGAP006149-PA	-	65	4.64E-06	2	1455.752	2.59	Larva	2L:-:27173795-27173754	exon=> In CDS Exon 2 of transcript AGAP006149-PA
JHU_Ag_109360	AVAPVATSYANTYK	AGAP006149-PA	-	95	4.21E-09	1	1455.751	1.92	Malpighian tubule	2L:-:27173795-27173754	exon=> In CDS Exon 2 of transcript AGAP006149-PA
JHU_Ag_15083	FVAPAAPALAYTAAR	AGAP006150-PA	-	55	2.71E-05	2	1489.819	2.02	Head	2L:-:27186857-27186813	exon=> In CDS Exon 2 of transcript AGAP006150-PA
JHU_Ag_29883	TVDKGLEYLK	AGAP006152-PA	-	39	0.000946371	1	1165.644	-1.74	Salivary gland	2L:+:27276086-27276115	exon=> In CDS Exon 1 of transcript AGAP006152-PA
JHU_Ag_46993	VDIDQCPQK	AGAP006155-PA	Q5(Deamidated), C6(Carbamidomethyl)	29	0.009480115	1	1103.507	3.11	Head	2L:+:27302974-27303000	exon=> In CDS Exon 2 of transcript AGAP006155-PA
JHU_Ag_57689	LLLLHR	AGAP006158-PA	-	19	0.003026495	1	764.514	-0.01	Head	2L:-:27422906-27422889	exon=> In CDS Exon 6 of transcript AGAP006158-PA
JHU_Ag_59824	LLLLHR	AGAP006158-PA	-	43	1.35E-05	2	764.514	0.23	Salivary gland	2L:-:27422906-27422889	exon=> In CDS Exon 6 of transcript AGAP006158-PA
JHU_Ag_12312	GIGSYSVPELR	AGAP006160-PA	-	44	0.000678159	1	1177.620	-0.68	Malpighian tubule	2L:+:27437510-27437542	exon=> In CDS Exon 1 of transcript AGAP006160-PA
JHU_Ag_12390	EIQEEIANLEQEIEQR	AGAP006160-PA	-	110	1.48E-10	1	1970.969	1.4	Malpighian tubule	2L:+:27437093-27437140	exon=> In CDS Exon 1 of transcript AGAP006160-PA
JHU_Ag_16751	GIGSYSVPELR	AGAP006160-PA	-	41	0.001371929	2	1177.621	-0.27	Ovary	2L:+:27437510-27437542	exon=> In CDS Exon 1 of transcript AGAP006160-PA
JHU_Ag_117807	EIQEEIANLEQEIEQR	AGAP006160-PA	-	126	3.92E-12	1	1970.964	-1.11	Ovary	2L:+:27437093-27437140	exon=> In CDS Exon 1 of transcript AGAP006160-PA
JHU_Ag_2078	ADDTEPLVLTLWNPINTEQSTHK	AGAP006161-PA	-	51	0.000113999	3	2622.307	0.76	Male reproductive organs	2L:+:27438816-27438884	exon=> In CDS Exon 1 of transcript AGAP006161-PA
JHU_Ag_11794	ADDTEPLVLTLWNPINTEQSTHK	AGAP006161-PA	-	119	2.15E-11	1	2622.300	-1.76	Head	2L:+:27438816-27438884	exon=> In CDS Exon 1 of transcript AGAP006161-PA
JHU_Ag_42382	ADDTEPLVLTLWNPINTEQSTHK	AGAP006161-PA	-	105	4.60E-10	1	2622.296	-3.15	Midgut	2L:+:27438816-27438884	exon=> In CDS Exon 1 of transcript AGAP006161-PA
JHU_Ag_49304	ADDTEPLVLTLWNPINTEQSTHK	AGAP006161-PA	-	42	0.000982172	1	2622.300	-1.97	Ovary	2L:+:27438816-27438884	exon=> In CDS Exon 1 of transcript AGAP006161-PA
JHU_Ag_85643	NYSVQLEQNTLTLR	AGAP006161-PA	-	93	5.85E-09	2	1678.880	2.39	Ovary	2L:+:27438774-27438815	exon=> In CDS Exon 1 of transcript AGAP006161-PA
JHU_Ag_96979	APEQSAAAGSAAAAK	AGAP006161-PA	-	86	2.57E-08	1	1300.652	1.94	Head	2L:+:27438957-27439001	exon=> In CDS Exon 1 of transcript AGAP006161-PA
JHU_Ag_114990	NAADKNYSVQLEQNTLTLR	AGAP006161-PA	-	49	0.000170322	3	2178.116	0.48	Male reproductive organs	2L:+:27438759-27438815	exon=> In CDS Exon 1 of transcript AGAP006161-PA
JHU_Ag_14581	IIITVGTLADCAPTFEIVK	AGAP006162-PA	C11(Carbamidomethyl)	64	1.69E-06	1	2061.129	-0.34	Ovary	2L:-:27440485-27440429	exon=> In CDS Exon 2 of transcript AGAP006162-PA
JHU_Ag_48774	HEPDLPHVLER	AGAP006162-PA	-	40	0.00117849	3	1341.690	-1.04	Head	2L:-:27440542-27440510	exon=> In CDS Exon 2 of transcript AGAP006162-PA
JHU_Ag_50279	AIQQQYFEK	AGAP006162-PA	-	58	1.60E-05	1	1154.584	0.27	Ovary	2L:-:27440161-27440135	exon=> In CDS Exon 3 of transcript AGAP006162-PA
JHU_Ag_108658	SKYPTVK	AGAP006162-PA	-	30	0.004446927	1	822.471	-1.74	Malpighian tubule	2L:-:27439816-27439796	exon=> In CDS Exon 3 of transcript AGAP006162-PA
JHU_Ag_111355	LFATVGCHPTR	AGAP006162-PA	C7(Carbamidomethyl)	90	1.49E-08	1	1258.636	-0.39	Head	2L:-:27440326-27440294	exon=> In CDS Exon 3 of transcript AGAP006162-PA
JHU_Ag_18647	LQTLDRLLK	AGAP006165-PA,AGAP006165-PB	Q2(Deamidated)	50	7.03E-05	2	1100.658	-8.57	Malpighian tubule	2L:+:27455311-27455337;2L:+:27455311-27455337	exon=> In CDS Exon 13 of transcript AGAP006165-PA;exon=> In CDS Exon 13 of transcript AGAP006165-PB
JHU_Ag_17894	ALDGILMLLK	AGAP006166-PA	M7(Oxidation)	25	0.009158451	1	1102.666	11.06	Midgut	2L:-:27472437-27472408	exon=> In CDS Exon 6 of transcript AGAP006166-PA

JHU_Ag_74320	LQLAVLHPMK	AGAP006166-PA	M9(Oxidation)	29	0.007396878	1	1165.660	-14.07	Ovary	2L:-:27474472-27474443	exon=> In CDS Exon 3 of transcript AGAP006166-PA
JHU_Ag_64503	QLAFNIWWPFDVLGGVK	AGAP006167-PA	-	36	0.002397307	1	1990.059	0.4	Visceras	2L:+:27480289-27480339	exon=> In CDS Exon 2 of transcript AGAP006167-PA
JHU_Ag_98050	LLLIVR	AGAP006169-PA	-	33	0.000250157	2	726.523	-0.83	Male reproductive organs	2L:-:27609795-27609778	exon=> In CDS Exon 4 of transcript AGAP006169-PA
JHU_Ag_20461	ENLISLYR	AGAP006170-PA	-	47	0.000238018	2	1007.552	0.18	Male reproductive organs	2L:+:27641293-27641316	exon=> In CDS Exon 1 of transcript AGAP006170-PA
JHU_Ag_4037	VSPGKSEPVADGGEVAAAGSK	AGAP006171-PA	-	77	2.83E-07	1	1912.965	1.84	Malpighian tubule	2L:+:27648492-27648554	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_10489	EATPQPEPSSSSSSSSAGK	AGAP006171-PA	-	36	0.003504079	1	1820.820	2.93	Head	2L:+:27648435-27648491	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_10511	SLPAEEQMISALPDIEK	AGAP006171-PA	M8(Oxidation)	103	7.96E-10	1	1886.950	4.35	Ovary	2L:+:27649779-27649829	exon=> In CDS Exon 7 of transcript AGAP006171-PA
JHU_Ag_13179	VKEATPQPEPSSSSSSSAGK	AGAP006171-PA	-	40	0.001471267	1	2047.979	0.43	Head	2L:+:27648429-27648491	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_29173	AEQSDEISDTAGNVAAGK	AGAP006171-PA	-	58	1.81E-05	2	1762.816	3.84	Head	2L:+:27648558-27648611	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_32067	SEPVADGGEVAAAGSK	AGAP006171-PA	-	100	1.33E-09	2	1444.694	1.47	Head	2L:+:27648507-27648554	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_35763	EAFLGFDATLLQEK	AGAP006171-PA	-	93	6.40E-09	1	1581.823	4.16	Head	2L:+:27647925-27647966	exon=> In CDS Exon 2 of transcript AGAP006171-PA
JHU_Ag_39571	ALEMSFDHKPEDTVEYQR	AGAP006171-PA	-	99	1.74E-09	1	2195.005	-1.29	Head	2L:+:27649405-27649458	exon=> In CDS Exon 6 of transcript AGAP006171-PA
JHU_Ag_39889	EAFLGFDATLLQEK	AGAP006171-PA	-	120	1.11E-11	1	1581.823	4.7	Ovary	2L:+:27647925-27647966	exon=> In CDS Exon 2 of transcript AGAP006171-PA
JHU_Ag_49203	KAEQSDEISDTAGNVAAGK	AGAP006171-PA	-	110	1.51E-10	1	1890.909	2.86	Malpighian tubule	2L:+:27648555-27648611	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_49529	DNCAPDSSSSDGSK	AGAP006171-PA	C3(Carbamidomethyl)	45	3.70E-05	2	1426.544	3.76	Head	2L:+:27648639-27648680	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_50514	TDGDDASSTTEVTDGSNGVGK	AGAP006171-PA	N17(Deamidated)	116	1.18E-11	1	2012.856	1.48	Head	2L:+:27650254-27650316	exon=> In CDS Exon 8 of transcript AGAP006171-PA
JHU_Ag_51637	SLPAEEQMISALPDIEK	AGAP006171-PA	M8(Oxidation)	37	0.003401969	1	1886.952	5.51	Malpighian tubule	2L:+:27649779-27649829	exon=> In CDS Exon 7 of transcript AGAP006171-PA
JHU_Ag_51720	DSGCTAVVALLHGK	AGAP006171-PA	C4(Carbamidomethyl)	82	7.32E-08	1	1427.735	2.69	Ovary	2L:+:27649233-27649274	exon=> In CDS Exon 5 of transcript AGAP006171-PA
JHU_Ag_60998	GDGTGCDNMTAIIVQFKPNFTGAGSR	AGAP006171-PA	C6(Carbamidomethyl), M9(Oxidation)	94	5.37E-09	1	2730.270	3.12	Ovary	2L:+:27650089-27650166	exon=> In CDS Exon 8 of transcript AGAP006171-PA
JHU_Ag_62034	EAVMPLNEVLQK	AGAP006171-PA	M4(Oxidation)	45	0.000392809	2	1386.735	3.42	Ovary	2L:+:27648075-27648110	exon=> In CDS Exon 2 of transcript AGAP006171-PA
JHU_Ag_70641	VAAIKEGSCSKPVSPYLK	AGAP006171-PA	C9(Carbamidomethyl)	52	5.28E-05	1	1934.047	2.72	Malpighian tubule	2L:+:27648153-27648206	exon=> In CDS Exon 2 of transcript AGAP006171-PA
JHU_Ag_85025	SEPVADGGEVAAAGSK	AGAP006171-PA	-	90	1.33E-08	1	1444.696	3.42	Ovary	2L:+:27648507-27648554	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_88783	ALEMSFDHKPEDTVEYQR	AGAP006171-PA	-	34	0.004672935	1	2195.019	5.46	Malpighian tubule	2L:+:27649405-27649458	exon=> In CDS Exon 6 of transcript AGAP006171-PA
JHU_Ag_93728	ICEELFDHCLAPHTR	AGAP006171-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	81	9.22E-08	1	1897.880	6.14	Ovary	2L:+:27649959-27649970,27650056-27650088	exon=> In CDS Exon 7 and 8 of transcript AGAP006171-PA
JHU_Ag_99695	ALEMSFDHKPEDTVEYQR	AGAP006171-PA	M4(Oxidation)	135	3.64E-13	1	2211.005	1.15	Ovary	2L:+:27649405-27649458	exon=> In CDS Exon 6 of transcript AGAP006171-PA
JHU_Ag_100696	KAEQSDEISDTAGNVAAGK	AGAP006171-PA	-	78	2.37E-07	2	1890.907	1.32	Head	2L:+:27648555-27648611	exon=> In CDS Exon 3 of transcript AGAP006171-PA
JHU_Ag_107215	KAEQSDEISDTAGNVAAGK	AGAP006171-PA	-	119	1.96E-11	1	1890.912	4.12	Ovary	2L:+:27648555-27648611	exon=> In CDS Exon 3 of transcript AGAP006171-PA

JHU_Ag_108530	TITDEPGKDSGCTAVVALLHGK	AGAP006171-PA	C12(Carbamidomethyl)	97	2.97E-09	1	2269.158	3.69	Ovary	2L:+:27649209-27649274	exon=> In CDS Exon 5 of transcript AGAP006171-PA
JHU_Ag_115453	ALKEAFLGFDATLLQEK	AGAP006171-PA	-	41	0.000527414	3	1894.041	4.54	Malpighian tubule	2L:+:27647916-27647966	exon=> In CDS Exon 2 of transcript AGAP006171-PA
JHU_Ag_10194	YQWTGNAGTHFWHAHTGLQK	AGAP006176-PA,AGAP006176-PB	-	79	1.78E-07	1	2340.115	3.93	Larva	2L:-:27674336-27674277;2L:-:27674336-27674277	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB
JHU_Ag_12074	LAVNTGQDPESLLINGK	AGAP006176-PA,AGAP006176-PB	N15(Deamidated)	126	2.79E-12	1	1769.938	5.78	Larva	2L:-:27674129-27674079;2L:-:27674129-27674079	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB
JHU_Ag_13324	AQQLAILR	AGAP006176-PA,AGAP006176-PB	-	45	6.32E-05	2	912.566	3.59	Larva	2L:-:27671161-27671138;2L:-:27671161-27671138	exon=> In CDS Exon 5 of transcript AGAP006176-PA;exon=> In CDS Exon 5 of transcript AGAP006176-PB
JHU_Ag_28139	LAVNTGQDPESLLINGK	AGAP006176-PA,AGAP006176-PB	N15(Deamidated)	112	8.02E-11	1	1769.937	5.02	Pupa	2L:-:27674129-27674079;2L:-:27674129-27674079	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB
JHU_Ag_32544	MIPGPSIQVCENDR	AGAP006176-PA,AGAP006176-PB	M1(Oxidation), C10(Carbamidomethyl)	40	0.001294839	1	1631.759	4.6	Larva	2L:-:27674593-27674552;2L:-:27674593-27674552	exon=> In CDS Exon 3 of transcript AGAP006176-PA;exon=> In CDS Exon 3 of transcript AGAP006176-PB
JHU_Ag_33197	GLGECGIKR	AGAP006176-PA,AGAP006176-PB	C5(Carbamidomethyl)	53	8.89E-05	1	989.521	0.95	Larva	2L:-:27671188-27671162;2L:-:27671188-27671162	exon=> In CDS Exon 5 of transcript AGAP006176-PA;exon=> In CDS Exon 5 of transcript AGAP006176-PB
JHU_Ag_35677	GQFRDPNTGFMTNTPLEIFTITPGR	AGAP006176-PA,AGAP006176-PB	M11(Oxidation)	63	6.04E-06	1	2826.406	6.38	Larva	2L:-:27674078-27674004;2L:-:27674078-27674004	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB
JHU_Ag_36158	DPNTGFMTNTPLEIFTITPGRR	AGAP006176-PA,AGAP006176-PB	M7(Oxidation)	102	7.61E-10	1	2494.256	6.53	Larva	2L:-:27674066-27674001;2L:-:27674066-27674001	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB
JHU_Ag_36663	DPNTGFMTNTPLEIFTITPGR	AGAP006176-PA,AGAP006176-PB	M7(Oxidation)	46	0.000448939	2	2338.162	10.23	Larva	2L:-:27674066-27674004;2L:-:27674066-27674004	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB
JHU_Ag_38516	GTQYYDGVPFVTQCPIQQGNTFR	AGAP006176-PA,AGAP006176-PB	C14(Carbamidomethyl)	62	8.95E-06	2	2676.257	2.13	Pupa	2L:-:27674479-27674696,27673862-27674337;2L:-:27674479-27674696,27673862-27674337	exon=> In CDS Exon 4 and 3 of transcript AGAP006176-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006176-PB
JHU_Ag_43122	DPNTGFMTNTPLEIFTITPGRR	AGAP006176-PA,AGAP006176-PB	M7(Oxidation)	107	2.72E-10	1	2494.241	0.66	Pupa	2L:-:27674066-27674001;2L:-:27674066-27674001	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB
JHU_Ag_50952	DPNTGFMTNTPLEIFTITPGR	AGAP006176-PA,AGAP006176-PB	M7(Oxidation)	65	4.69E-06	2	2338.151	5.53	Pupa	2L:-:27674066-27674004;2L:-:27674066-27674004	exon=> In CDS Exon 4 of transcript AGAP006176-PA;exon=> In CDS Exon 4 of transcript AGAP006176-PB

JHU_Ag_54631	IFLPFR	AGAP006176-PA,AGAP006176-PB	-	31	0.001895518	1	792.479	3.03	Larva	2L:-:27662663-27662646;2L:-:27668471-27668454	exon=> In CDS Exon 6 of transcript AGAP006176-PA;exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_56427	KAPTVSSAAALNSGFPSIANPNPR	AGAP006176-PA,AGAP006176-PB	-	67	1.54E-06	1	2367.246	2.02	Pupa	2L:-:27675019-27674948;2L:-:27675019-27674948	exon=> In CDS Exon 2 of transcript AGAP006176-PA;exon=> In CDS Exon 2 of transcript AGAP006176-PB
JHU_Ag_60594	IFLPFR	AGAP006176-PA,AGAP006176-PB	-	31	0.001895518	1	792.477	0.8	Pupa	2L:-:27662663-27662646;2L:-:27668471-27668454	exon=> In CDS Exon 6 of transcript AGAP006176-PA;exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_61875	AQQLAILR	AGAP006176-PA,AGAP006176-PB	-	30	0.004113407	1	912.564	1.71	Male reproductive organs	2L:-:27671161-27671138;2L:-:27671161-27671138	exon=> In CDS Exon 5 of transcript AGAP006176-PA;exon=> In CDS Exon 5 of transcript AGAP006176-PB
JHU_Ag_64731	AQQLAILR	AGAP006176-PA,AGAP006176-PB	-	48	4.81E-05	1	912.563	0.04	Pupa	2L:-:27671161-27671138;2L:-:27671161-27671138	exon=> In CDS Exon 5 of transcript AGAP006176-PA;exon=> In CDS Exon 5 of transcript AGAP006176-PB
JHU_Ag_68345	RNPSLSAPDECAR	AGAP006176-PA,AGAP006176-PB	C11(Carbamidomethyl)	70	1.47E-06	1	1472.697	4.04	Larva	2L:-:27674896-27674858;2L:-:27674896-27674858	exon=> In CDS Exon 2 of transcript AGAP006176-PA;exon=> In CDS Exon 2 of transcript AGAP006176-PB
JHU_Ag_73255	NPSLSAPDECAR	AGAP006176-PA,AGAP006176-PB	C10(Carbamidomethyl)	68	1.25E-06	1	1316.589	-0.74	Pupa	2L:-:27674893-27674858;2L:-:27674893-27674858	exon=> In CDS Exon 2 of transcript AGAP006176-PA;exon=> In CDS Exon 2 of transcript AGAP006176-PB
JHU_Ag_74717	GTQYYDGVPFVTQCPIQQGNTFR	AGAP006176-PA,AGAP006176-PB	C14(Carbamidomethyl)	82	8.50E-08	3	2676.266	5.61	Larva	2L:-:27674479-27674696,27673862-27674337;2L:-:27674479-27674696,27673862-27674337	exon=> In CDS Exon 4 and 3 of transcript AGAP006176-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006176-PB
JHU_Ag_79246	RAQQLAILR	AGAP006176-PA,AGAP006176-PB	-	44	7.27E-05	2	1068.666	2.56	Larva	2L:-:27671164-27671138;2L:-:27671164-27671138	exon=> In CDS Exon 5 of transcript AGAP006176-PA;exon=> In CDS Exon 5 of transcript AGAP006176-PB
JHU_Ag_83698	GLGECGIK	AGAP006176-PA,AGAP006176-PB	C5(Carbamidomethyl)	40	0.001516655	2	833.421	2.5	Larva	2L:-:27671188-27671165;2L:-:27671188-27671165	exon=> In CDS Exon 5 of transcript AGAP006176-PA;exon=> In CDS Exon 5 of transcript AGAP006176-PB
JHU_Ag_93557	NPSLSAPDECAR	AGAP006176-PA,AGAP006176-PB	C10(Carbamidomethyl)	58	1.18E-05	1	1316.595	3.44	Larva	2L:-:27674893-27674858;2L:-:27674893-27674858	exon=> In CDS Exon 2 of transcript AGAP006176-PA;exon=> In CDS Exon 2 of transcript AGAP006176-PB
JHU_Ag_240	QYNLPPLKDTIAVPNNGYVVLR	AGAP006176-PB	N16(Deamidated),N15(Deamidated)	40	0.000438015	1	2485.353	3.11	Larva	2L:-:27667862-27667797	exon=> In CDS Exon 8 of transcript AGAP006176-PB
JHU_Ag_6269	FYLYRPEELFQPNTYNR	AGAP006176-PB	-	79	1.99E-07	1	2250.102	1.81	Pupa	2L:-:27668453-27668403	exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_9575	ALLQEKPDVK	AGAP006176-PB	-	38	0.000742284	2	1140.661	-0.82	Pupa	2L:-:27668501-27668472	exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_29796	DDAICVSQLK	AGAP006176-PB	C5(Carbamidomethyl)	58	2.91E-05	2	1148.565	3.01	Larva	2L:-:27668552-27668523	exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_38291	HALDLDRR	AGAP006176-PB	-	43	0.000428846	2	995.543	4.58	Larva	2L:-:27667901-27667878	exon=> In CDS Exon 8 of transcript AGAP006176-PB

JHU_Ag_41816	GPYQPASPPPTYDVGLPQGVVMNPLDAQCNVQR	AGAP006176-PB	M22(Oxidation), C29(Carbamidomethyl)	43	0.00062544	1	3581.728	3.59	Larva	2L:-:27671128-27671253,27668396-27668553	exon=> In CDS Exon 6 and 5 of transcript AGAP006176-PB
JHU_Ag_70241	DDAICVSQLK	AGAP006176-PB	C5(Carbamidomethyl)	48	0.000280308	2	1148.562	0.67	Pupa	2L:-:27668552-27668523	exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_75972	QYNLPPLKDTIAVPNNGYVVLR	AGAP006176-PB	N16(Deamidated),N15(Deamidated)	45	0.000146034	1	2485.349	1.71	Pupa	2L:-:27667862-27667797	exon=> In CDS Exon 8 of transcript AGAP006176-PB
JHU_Ag_76216	HALDLDR	AGAP006176-PB	-	47	0.000201838	2	839.441	4.61	Larva	2L:-:27667901-27667881	exon=> In CDS Exon 8 of transcript AGAP006176-PB
JHU_Ag_102713	ALLQEKPDVK	AGAP006176-PB	-	67	1.11E-06	1	1140.664	1.75	Larva	2L:-:27668501-27668472	exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_114204	FYLYRPEELFQPNTYNR	AGAP006176-PB	-	96	4.07E-09	1	2250.109	4.91	Larva	2L:-:27668453-27668403	exon=> In CDS Exon 6 of transcript AGAP006176-PB
JHU_Ag_12424	DAFNAFDKEK	AGAP006178-PA,AGAP006178-PC,AGAP006178-PB	N4(Deamidated)	65	3.49E-06	1	1184.558	-0.32	Pupa	2L:-:27790478-27790449;2L:-:27790478-27790449;2L:-:27790478-27790449	exon=> In CDS Exon 3 of transcript AGAP006178-PA;exon=> In CDS Exon 3 of transcript AGAP006178-PC;exon=> In CDS Exon 3 of transcript AGAP006178-PB
JHU_Ag_34404	TGSIPTDVVGTILELLGHK	AGAP006178-PA,AGAP006178-PC,AGAP006178-PB	-	133	1.90E-13	1	1950.094	1.58	Pupa	2L:-:27790448-27790392;2L:-:27790448-27790392;2L:-:27790448-27790392	exon=> In CDS Exon 3 of transcript AGAP006178-PA;exon=> In CDS Exon 3 of transcript AGAP006178-PC;exon=> In CDS Exon 3 of transcript AGAP006178-PB
JHU_Ag_79826	DAFNAFDK	AGAP006178-PA,AGAP006178-PC,AGAP006178-PB	-	54	2.62E-05	1	927.422	1.57	Pupa	2L:-:27790478-27790455;2L:-:27790478-27790455;2L:-:27790478-27790455	exon=> In CDS Exon 3 of transcript AGAP006178-PA;exon=> In CDS Exon 3 of transcript AGAP006178-PC;exon=> In CDS Exon 3 of transcript AGAP006178-PB
JHU_Ag_81320	GYLPVEEFK	AGAP006178-PA,AGAP006178-PC,AGAP006178-PB	-	49	0.000162771	1	1081.557	0.87	Pupa	2L:-:27789468-27789442;2L:-:27789468-27789442;2L:-:27789468-27789442	exon=> In CDS Exon 4 of transcript AGAP006178-PA;exon=> In CDS Exon 4 of transcript AGAP006178-PC;exon=> In CDS Exon 4 of transcript AGAP006178-PB
JHU_Ag_10544	EVFMMYDK	AGAP006178-PC,AGAP006178-PB,AGAP006178-PA,AGAP006181-PA,AGAP006182-PA	M4(Oxidation), M5(Oxidation)	34	0.001900019	2	1094.456	2.29	Visceras	2L:-:27790247-27790224;2L:-:27790247-27790224;2L:-:27790247-27790224;2L:+:27817787-27817810;2L:+:27819447-27819470	exon=> In CDS Exon 3 of transcript AGAP006178-PC;exon=> In CDS Exon 3 of transcript AGAP006178-PB;exon=> In CDS Exon 3 of transcript AGAP006178-PA;exon=> In CDS Exon 2 of transcript AGAP006181-PA;exon=> In CDS Exon 2 of transcript AGAP006182-PA
JHU_Ag_30803	SVVDDLDKAQLELLR	AGAP006179-PB	N-Term(Acetyl)	140	8.80E-14	1	1755.948	-0.36	Head	2L:-:27808202-27808205,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PB
JHU_Ag_42414	SVVDDLDKAQLELLR	AGAP006179-PB	N-Term(Acetyl)	140	7.85E-14	1	1755.961	7.01	Larva	2L:-:27808202-27808205,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PB
JHU_Ag_42682	SVVDDLDKAQLELLR	AGAP006179-PB	N-Term(Acetyl)	111	6.86E-11	1	1755.953	2.14	Visceras	2L:-:27808202-27808205,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PB

JHU_Ag_48540	SVVDDLDKAQLELLR	AGAP006179-PB	N-Term(Acetyl)	112	4.96E-11	1	1755.954	2.91	Pupa	2L:-:27808202-27808205,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PB
JHU_Ag_55467	SVVDDLDKAQLELLR	AGAP006179-PB	N-Term(Acetyl)	119	1.06E-11	1	1755.957	4.72	Malpighian tubule	2L:-:27808202-27808205,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PB
JHU_Ag_55856	SVVDDLDKAQLELLR	AGAP006179-PB	N-Term(Acetyl)	134	4.01E-13	1	1755.948	-0.22	Ovary	2L:-:27808202-27808205,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PB
JHU_Ag_106823	SVVDDLDKAQLELLR	AGAP006179-PB	N-Term(Acetyl)	129	1.28E-12	1	1755.943	-3.28	Midgut	2L:-:27808202-27808205,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PB
JHU_Ag_6838	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl), M1(Oxidation)	102	1.04E-09	1	1617.822	4.31	Visceras	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_8279	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl), M1(Oxidation)	103	1.02E-09	1	1617.818	1.82	Head	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_17443	DDLDKAQLELLR	AGAP006179-PC	-	43	0.000544045	1	1428.770	0.75	Head	2L:-:27805657-27805657,27799584-27799972	exon=> In CDS Exon 3 and 2 of transcript AGAP006179-PC
JHU_Ag_28884	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl), M1(Oxidation)	84	7.56E-08	1	1617.824	5.06	Malpighian tubule	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_33071	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl)	79	1.99E-07	1	1601.829	5.37	Malpighian tubule	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_47127	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl), M1(Oxidation)	88	3.22E-08	1	1617.815	-0.52	Male reproductive organs	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_49174	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl), M1(Oxidation)	104	8.20E-10	1	1617.811	-2.86	Midgut	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_66005	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl)	113	7.56E-11	1	1601.827	4.07	Visceras	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_75369	MDDLDKAQLELLR	AGAP006179-PC	N-Term(Acetyl)	91	1.31E-08	1	1601.821	0.57	Head	2L:-:27807391-27807391,27799584-27799972	exon=> In CDS Exon 3 and 1 of transcript AGAP006179-PC
JHU_Ag_2061	NAFNAFDQEK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	33	0.004247582	1	1183.538	0.01	Male reproductive organs	2L:-:27799971-27799942;2L:-:27799971-27799942;2L:-:27799971-27799942	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_6579	LYDKEGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N7(Deamidated)	101	1.03E-09	1	1870.955	0.36	Midgut	2L:-:27799731-27799684;2L:-:27799731-27799684;2L:-:27799731-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA

JHU_Ag_6647	NAFNAFDQEK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	59	1.26E-05	1	1183.539	0.52	Ovary	2L:-:27799971-27799942;2L:-:27799971-27799942;2L:-:27799971-27799942	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_7212	GCIGTQMVGTILSMLGHQLDDK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	C2(Carbamidomethyl), M7(Oxidation), M14(Oxidation)	44	0.000731895	1	2406.161	6.15	Larva	2L:-:27799938-27799873;2L:-:27799938-27799873;2L:-:27799938-27799873	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_15914	EGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	66	3.81E-06	2	1350.706	3.5	Malpighian tubule	2L:-:27799719-27799684;2L:-:27799719-27799684;2L:-:27799719-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_19641	NAFNAFDQEK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	57	1.86E-05	2	1183.534	-3.6	Midgut	2L:-:27799971-27799942;2L:-:27799971-27799942;2L:-:27799971-27799942	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_20004	LYDKEGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N7(Deamidated)	150	1.15E-14	1	1869.975	2.52	Visceras	2L:-:27799731-27799684;2L:-:27799731-27799684;2L:-:27799731-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_20476	KGCIGTQMVGTILSMLGHQLDDK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	C3(Carbamidomethyl), M15(Oxidation),"C3(Carbamidomethyl), M8(Oxidation), M15(Oxidation)",C3(Carbamidomethyl),"C3(Carbamidomethyl), M8(Oxidation)"	155	4.11E-15	1	2502.261	4	Visceras	2L:-:27799941-27799873;2L:-:27799941-27799873;2L:-:27799941-27799873	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_20620	EIIDEVDADGSGELEFEEFVTLAAR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	113	6.32E-11	2	2754.294	-1.96	Head	2L:-:27799863-27799789;2L:-:27799863-27799789;2L:-:27799863-27799789	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_21469	NAFNAFDQEK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	Q8(Deamidated)	69	1.16E-06	1	1183.538	-0.24	Head	2L:-:27799971-27799942;2L:-:27799971-27799942;2L:-:27799971-27799942	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_30728	NAFNAFDQEKK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	64	5.96E-06	1	1311.636	2.33	Malpighian tubule	2L:-:27799971-27799939;2L:-:27799971-27799939;2L:-:27799971-27799939	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA

JHU_Ag_35281	FMVEEDAEAMQQELK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	M2(Oxidation), M10(Oxidation)	113	3.63E-11	2	1829.802	4.58	Larva	2L:-:27799788-27799744;2L:-:27799788-27799744;2L:-:27799788-27799744	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_40967	FMVEEDAEAMQQELK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	M2(Oxidation), M10(Oxidation)	108	1.07E-10	2	1829.791	-1.02	Midgut	2L:-:27799788-27799744;2L:-:27799788-27799744;2L:-:27799788-27799744	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_44066	LYDKEGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N7(Deamidated)	146	3.44E-14	1	1870.958	1.99	Head	2L:-:27799731-27799684;2L:-:27799731-27799684;2L:-:27799731-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_45381	LYDKEGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N7(Deamidated)	90	1.15E-08	1	1869.977	3.37	Malpighian tubule	2L:-:27799731-27799684;2L:-:27799731-27799684;2L:-:27799731-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_45708	NAFNAFDQEKK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	59	1.69E-05	2	1311.636	2.43	Visceras	2L:-:27799971-27799939;2L:-:27799971-27799939;2L:-:27799971-27799939	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_47802	FMVEEDAEAMQQELK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	M2(Oxidation), M10(Oxidation)	106	1.90E-10	1	1829.796	1.45	Ovary	2L:-:27799788-27799744;2L:-:27799788-27799744;2L:-:27799788-27799744	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_54195	LYDKEGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N7(Deamidated)	56	4.01E-05	1	1870.953	-0.69	Male reproductive organs	2L:-:27799731-27799684;2L:-:27799731-27799684;2L:-:27799731-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_60745	NAFNAFDQEKK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	54	5.64E-05	2	1311.631	-1.3	Head	2L:-:27799971-27799939;2L:-:27799971-27799939;2L:-:27799971-27799939	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_64313	KGCIGTQMVGTILSMLGHQLDDK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	C3(Carbamidomethyl), M8(Oxidation), M15(Oxidation),"C3(Carbamidomethyl), M15(Oxidation)","C3(Carbamidomethyl), M8(Oxidation)"	71	1.05E-06	1	2534.246	1.99	Head	2L:-:27799941-27799873;2L:-:27799941-27799873;2L:-:27799941-27799873	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA

JHU_Ag_72418	GCIGTQMVGTILSMLGHQLDDK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	C2(Carbamidomethyl), M7(Oxidation), M14(Oxidation)	59	2.32E-05	1	2406.146	-0.09	Ovary	2L:-:27799938-27799873;2L:-:27799938-27799873;2L:-:27799938-27799873	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_73762	FMVEEDAEAMQQELK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	M2(Oxidation),M10(Oxidation),"M2(Oxidation), M10(Oxidation)"	112	7.33E-11	2	1797.812	4.98	Visceras	2L:-:27799788-27799744;2L:-:27799788-27799744;2L:-:27799788-27799744	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_76418	NAFNAFDQEK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	50	9.57E-05	2	1183.541	2.69	Malpighian tubule	2L:-:27799971-27799942;2L:-:27799971-27799942;2L:-:27799971-27799942	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_77025	GCIGTQMVGTILSMLGHQLDDK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	C2(Carbamidomethyl), M7(Oxidation), M14(Oxidation),"C2(Carbamidomethyl), M7(Oxidation)"	69	2.01E-06	1	2406.153	2.96	Head	2L:-:27799938-27799873;2L:-:27799938-27799873;2L:-:27799938-27799873	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_82571	NAFNAFDQEK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	68	1.54E-06	1	1183.538	0.07	Visceras	2L:-:27799971-27799942;2L:-:27799971-27799942;2L:-:27799971-27799942	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_83051	GCIGTQMVGTILSMLGHQLDDK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	C2(Carbamidomethyl), M7(Oxidation),"C2(Carbamidomethyl), M7(Oxidation), M14(Oxidation)"	60	1.50E-05	1	2390.166	6.24	Visceras	2L:-:27799938-27799873;2L:-:27799938-27799873;2L:-:27799938-27799873	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_87894	EIIDEVDADGSGELEFEEFVTLAAR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	-	114	5.56E-11	2	2754.313	4.96	Visceras	2L:-:27799863-27799789;2L:-:27799863-27799789;2L:-:27799863-27799789	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_89077	FMVEEDAEAMQQELK	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	M2(Oxidation),M10(Oxidation),"M2(Oxidation), M10(Oxidation)"	151	6.70E-15	1	1813.803	2.42	Head	2L:-:27799788-27799744;2L:-:27799788-27799744;2L:-:27799788-27799744	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_91334	EGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N3(Deamidated)	69	1.83E-06	2	1350.705	2.87	Visceras	2L:-:27799719-27799684;2L:-:27799719-27799684;2L:-:27799719-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA

JHU_Ag_94100	LYDKEGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N7(Deamidated)	101	8.66E-10	2	1869.978	3.89	Larva	2L:-:27799731-27799684;2L:-:27799731-27799684;2L:-:27799731-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_94973	EGNGYITTQVLR	AGAP006179-PC,AGAP006179-PB,AGAP006179-PA	N3(Deamidated)	75	5.75E-07	1	1351.686	0.78	Head	2L:-:27799719-27799684;2L:-:27799719-27799684;2L:-:27799719-27799684	exon=> In CDS Exon 3 of transcript AGAP006179-PC;exon=> In CDS Exon 3 of transcript AGAP006179-PB;exon=> In CDS Exon 3 of transcript AGAP006179-PA
JHU_Ag_3934	ESFEAFDIEK	AGAP006181-PA	-	57	1.50E-05	1	1214.560	1.81	Head	2L:+:27817556-27817585	exon=> In CDS Exon 2 of transcript AGAP006181-PA
JHU_Ag_9342	MNKTELSK	AGAP006181-PA	N-Term(Acetyl)	46	0.000385711	1	992.509	1.12	Visceras	2L:+:27817445-27817468	exon=> In CDS Exon 1 of transcript AGAP006181-PA
JHU_Ag_10710	NGTGFIPLDVFK	AGAP006181-PA	N1(Deamidated)	48	0.000187134	2	1307.700	0.58	Head	2L:+:27817811-27817814,27817883-27817914	exon=> In CDS Exon 2 and 3 of transcript AGAP006181-PA
JHU_Ag_15519	ESFEAFDIEK	AGAP006181-PA	-	60	7.74E-06	1	1214.560	2.31	Visceras	2L:+:27817556-27817585	exon=> In CDS Exon 2 of transcript AGAP006181-PA
JHU_Ag_16920	NGTGFIPLDVFKK	AGAP006181-PA	N1(Deamidated)	86	1.59E-08	1	1435.799	3.51	Visceras	2L:+:27817811-27817814,27817883-27817917	exon=> In CDS Exon 2 and 3 of transcript AGAP006181-PA
JHU_Ag_21970	NGTGFIPLDVFKK	AGAP006181-PA	N1(Deamidated)	57	1.24E-05	1	1436.783	2.82	Head	2L:+:27817811-27817814,27817883-27817917	exon=> In CDS Exon 2 and 3 of transcript AGAP006181-PA
JHU_Ag_22936	NGTGFIPLDVFK	AGAP006181-PA	N1(Deamidated)	68	1.85E-06	2	1307.705	4.22	Visceras	2L:+:27817811-27817814,27817883-27817914	exon=> In CDS Exon 2 and 3 of transcript AGAP006181-PA
JHU_Ag_28014	KGSISVEVVGTILELLGQTLSEEELK	AGAP006181-PA	-	30	0.001638641	3	2771.548	6.96	Visceras	2L:+:27817586-27817663	exon=> In CDS Exon 2 of transcript AGAP006181-PA
JHU_Ag_38896	ILKESFEAFDIEK	AGAP006181-PA	-	96	2.75E-09	1	1568.826	3.65	Visceras	2L:+:27817481-27817481,27817548-27817585	exon=> In CDS Exon 1 and 2 of transcript AGAP006181-PA
JHU_Ag_65771	ESFEAFDIEKK	AGAP006181-PA	-	83	6.16E-08	1	1342.654	0.94	Visceras	2L:+:27817556-27817588	exon=> In CDS Exon 2 of transcript AGAP006181-PA
JHU_Ag_110958	ILKESFEAFDIEK	AGAP006181-PA	-	62	7.40E-06	2	1568.827	3.81	Malpighian tubule	2L:+:27817481-27817481,27817548-27817585	exon=> In CDS Exon 1 and 2 of transcript AGAP006181-PA
JHU_Ag_2433	GLTQLDVSQNQLMSVPSSALK	AGAP006183-PA	M13(Oxidation)	113	4.92E-11	2	2216.157	-1.09	Head	2L:-:27831870-27831808	exon=> In CDS Exon 2 of transcript AGAP006183-PA
JHU_Ag_7383	NLHYLLILNLNHNR	AGAP006183-PA	-	31	0.004779282	1	1746.979	1.71	Head	2L:-:27831807-27831766	exon=> In CDS Exon 2 of transcript AGAP006183-PA
JHU_Ag_7734	LNLGGNDLTAVPQK	AGAP006183-PA	-	63	3.43E-06	2	1439.787	1.09	Head	2L:-:27831565-27831524	exon=> In CDS Exon 3 of transcript AGAP006183-PA
JHU_Ag_17474	LGDNNLHIIPSEALRPLHR	AGAP006183-PA	-	106	8.97E-11	1	2165.196	0.95	Head	2L:-:27831053-27830997	exon=> In CDS Exon 5 of transcript AGAP006183-PA
JHU_Ag_23043	EAFEGLEENLQYLR	AGAP006183-PA	-	106	3.92E-10	1	1710.838	2.86	Head	2L:-:27831184-27831315,27830893-27831054	exon=> In CDS Exon 5 and 4 of transcript AGAP006183-PA
JHU_Ag_23574	SPIIFYLK	AGAP006183-PA	-	58	6.72E-06	2	980.580	-1.09	Head	2L:-:27833271-27833248	exon=> In CDS Exon 1 of transcript AGAP006183-PA
JHU_Ag_40497	LTFIEPDAFR	AGAP006183-PA	-	42	0.000902571	1	1208.633	1.89	Head	2L:-:27831693-27831664	exon=> In CDS Exon 2 of transcript AGAP006183-PA

JHU_Ag_68897	IPEEVMEPIMDSLR	AGAP006183-PA	M6(Oxidation), M10(Oxidation)	56	3.84E-05	2	1658.815	1.18	Head	2L:-:27830512-27830471	exon=> In CDS Exon 6 of transcript AGAP006183-PA
JHU_Ag_76415	ISQIHNR	AGAP006183-PA	-	53	2.87E-05	2	867.480	0.69	Head	2L:-:27831765-27831745	exon=> In CDS Exon 2 of transcript AGAP006183-PA
JHU_Ag_78654	HNNLPK	AGAP006183-PA	-	34	0.003264898	1	722.396	2.84	Head	2L:-:27833241-27833224	exon=> In CDS Exon 1 of transcript AGAP006183-PA
JHU_Ag_89439	AFEGLDTLEILTIYENK	AGAP006183-PA	-	70	1.25E-06	1	1969.019	1.18	Head	2L:-:27831744-27831694	exon=> In CDS Exon 2 of transcript AGAP006183-PA
JHU_Ag_96688	EGDFEGLENLDSLILAHNQLTEVPAR	AGAP006183-PA	-	176	2.75E-17	1	2880.449	4.03	Head	2L:-:27831457-27831578,27831163-27831254	exon=> In CDS Exon 4 and 3 of transcript AGAP006183-PA
JHU_Ag_105398	NGLDILCEATDVQHITK	AGAP006183-PA	C7(Carbamidomethyl),"N1 (Deamidated), C7(Carbamidomethyl)"	84	5.99E-08	2	1926.960	0.32	Head	2L:-:27833346-27833296	exon=> In CDS Exon 1 of transcript AGAP006183-PA
JHU_Ag_108921	EAFEGLEENLQYLR	AGAP006183-PA	-	100	1.94E-09	1	1710.834	0.51	Visceras	2L:-:27831184-27831315,27830893-27831054	exon=> In CDS Exon 5 and 4 of transcript AGAP006183-PA
JHU_Ag_109288	EYYVQNMPLER	AGAP006183-PA	-	37	0.002918318	2	1441.679	0.82	Head	2L:-:27826356-27826324	exon=> In CDS Exon 7 of transcript AGAP006183-PA
JHU_Ag_4336	EVQYLQPANVTTVAR	AGAP006184-PA	-	80	1.15E-07	2	1688.907	5.84	Malpighian tubule	2L:+:27867821-27867865	exon=> In CDS Exon 3 of transcript AGAP006184-PA
JHU_Ag_11144	SSGGSAATLPAGGRPDQSVSEVYQR	AGAP006184-PA	-	84	7.93E-08	1	2477.196	-2.44	Male reproductive organs	2L:+:27868052-27868126	exon=> In CDS Exon 4 of transcript AGAP006184-PA
JHU_Ag_12670	NINQLDTLLNDLER	AGAP006184-PA	-	114	5.59E-11	2	1670.873	1.19	Male reproductive organs	2L:+:27868127-27868168	exon=> In CDS Exon 4 of transcript AGAP006184-PA
JHU_Ag_17228	EVQYLQPANVTTVAR	AGAP006184-PA	-	67	2.54E-06	2	1688.898	0.71	Male reproductive organs	2L:+:27867821-27867865	exon=> In CDS Exon 3 of transcript AGAP006184-PA
JHU_Ag_18664	SSGGSAATLPAGGRPDQSVSEVYQR	AGAP006184-PA	-	58	2.58E-05	1	2477.214	5.03	Malpighian tubule	2L:+:27868052-27868126	exon=> In CDS Exon 4 of transcript AGAP006184-PA
JHU_Ag_20509	HSTTNYYPDQPVESPYPGNFR	AGAP006184-PA	-	66	3.16E-06	1	2469.119	3.31	Malpighian tubule	2L:+:27870509-27870571	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_22742	HSTTNYYPDQPVESPYPGNFR	AGAP006184-PA	-	63	5.48E-06	1	2469.109	-0.62	Male reproductive organs	2L:+:27870509-27870571	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_28183	SITPTTHGHQFDNR	AGAP006184-PA	-	73	6.65E-07	1	1610.759	-5.17	Head	2L:+:27864852-27864893	exon=> In CDS Exon 2 of transcript AGAP006184-PA
JHU_Ag_29755	ELVFDSPNSYEVR	AGAP006184-PA	-	73	7.06E-07	1	1554.745	0.66	Male reproductive organs	2L:+:27869855-27869893	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_30012	SSGGSAATLPAGGRPDQSVSEVYQR	AGAP006184-PA	-	82	9.91E-08	1	2477.211	3.62	Head	2L:+:27868052-27868126	exon=> In CDS Exon 4 of transcript AGAP006184-PA
JHU_Ag_33885	NVSYGSDTGSAGIYGGIR	AGAP006184-PA	-	122	9.09E-12	2	1773.849	4.87	Visceras	2L:+:27869960-27870013	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_37864	TTTTYSTTGGKQQHQPVNR	AGAP006184-PA	-	55	5.23E-05	1	2105.041	1.72	Malpighian tubule	2L:+:27869798-27869854	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_38755	NINQLDTLLNDLER	AGAP006184-PA	-	109	1.74E-10	2	1670.879	5.06	Head	2L:+:27868127-27868168	exon=> In CDS Exon 4 of transcript AGAP006184-PA
JHU_Ag_41858	NVSYGSDTGSAGIYGGIR	AGAP006184-PA	-	110	1.45E-10	2	1773.847	3.7	Malpighian tubule	2L:+:27869960-27870013	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_47396	VTSQTDSGPGPK	AGAP006184-PA	-	63	5.51E-06	2	1173.575	0.5	Malpighian tubule	2L:+:27871066-27871101	exon=> In CDS Exon 7 of transcript AGAP006184-PA
JHU_Ag_47756	SPSYENHATTTSTVK	AGAP006184-PA	-	88	2.72E-08	2	1622.773	4.2	Head	2L:+:27869915-27869959	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_50654	HSTTNYYPDQPVESPYPGNFR	AGAP006184-PA	-	96	2.95E-09	1	2469.114	1.46	Visceras	2L:+:27870509-27870571	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_57900	DGIDSGLHEPGAR	AGAP006184-PA	-	89	2.06E-08	1	1323.634	4.14	Male reproductive organs	2L:+:27869626-27869648,27869773-27869788	exon=> In CDS Exon 5 and 6 of transcript AGAP006184-PA

JHU_Ag_59447	ELVFDSPNSYEVR	AGAP006184-PA	-	57	2.86E-05	2	1554.744	0.51	Ovary	2L:+:27869855-27869893	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_60345	VTSQTDSGPGPK	AGAP006184-PA	-	60	1.36E-05	2	1173.576	1.43	Head	2L:+:27871066-27871101	exon=> In CDS Exon 7 of transcript AGAP006184-PA
JHU_Ag_64122	EVQYLQPANVTTVAR	AGAP006184-PA	-	50	0.000109935	2	1688.899	1.58	Ovary	2L:+:27867821-27867865	exon=> In CDS Exon 3 of transcript AGAP006184-PA
JHU_Ag_64684	YNETVHVDDAANVLHSIPLSDDILPRPNTK	AGAP006184-PA	-	147	1.86E-14	1	3343.709	5.24	Head	2L:+:27870119-27870208	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_64717	YNETVHVDDAANVLHSIPLSDDILPRPNTK	AGAP006184-PA	-	132	6.13E-13	1	3343.698	1.74	Visceras	2L:+:27870119-27870208	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_68711	DGIDSGLHEPGAR	AGAP006184-PA	-	77	3.03E-07	1	1323.630	0.73	Visceras	2L:+:27869626-27869648,27869773-27869788	exon=> In CDS Exon 5 and 6 of transcript AGAP006184-PA
JHU_Ag_70247	SVSPSTITNER	AGAP006184-PA	-	42	0.001091 13	1	1190.601	-0.07	Head	2L:+:27867872-27867895,27868010-27868018	exon=> In CDS Exon 3 and 4 of transcript AGAP006184-PA
JHU_Ag_70498	LDNLLEDLQQSVSRPGSSLGQPINNYSSTR	AGAP006184-PA	-	138	1.45E-13	1	3288.642	-1.23	Male reproductive organs	2L:+:27864894-27864897,27867735-27867820	exon=> In CDS Exon 2 and 3 of transcript AGAP006184-PA
JHU_Ag_73739	TAAGSPDQPGGPMK	AGAP006184-PA	M13(Oxidation)	65	3.27E-06	2	1329.613	1.82	Head	2L:+:27870593-27870634	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_74014	YNETVHVDDAANVLHSIPLSDDILPRPNTK	AGAP006184-PA	-	68	1.59E-06	1	3343.708	4.73	Malpighian tubule	2L:+:27870119-27870208	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_74539	YNETVHVDDAANVLHSIPLSDDILPRPNTK	AGAP006184-PA	-	42	0.000686974	1	3343.703	3.2	Ovary	2L:+:27870119-27870208	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_75392	EVQYLQPANVTTVAR	AGAP006184-PA	-	88	1.69E-08	2	1688.901	2.45	Visceras	2L:+:27867821-27867865	exon=> In CDS Exon 3 of transcript AGAP006184-PA
JHU_Ag_78621	HSTTNYYPDQPVESPYPGNFR	AGAP006184-PA	-	60	1.09E-05	1	2469.113	0.86	Ovary	2L:+:27870509-27870571	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_78798	NVSYGSDTGSAGIYGGIR	AGAP006184-PA	-	109	1.83E-10	2	1773.843	1.78	Ovary	2L:+:27869960-27870013	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_81208	EPLLQPFPTDGIDRNDLDGNPPR	AGAP006184-PA	-	44	0.000625194	1	2576.272	-0.97	Male reproductive organs	2L:+:27870878-27870946	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_82233	REEYSSSVR	AGAP006184-PA	-	51	0.000104778	1	1112.528	-4.7	Head	2L:+:27864807-27864833	exon=> In CDS Exon 2 of transcript AGAP006184-PA
JHU_Ag_83484	DGIDSGLHEPGAR	AGAP006184-PA	-	89	2.09E-08	1	1323.633	3.22	Head	2L:+:27869626-27869648,27869773-27869788	exon=> In CDS Exon 5 and 6 of transcript AGAP006184-PA
JHU_Ag_84962	NETFNTTNNVQEYPVPTILNHPLPPNTAK	AGAP006184-PA	N8(Deamidated),N20(Deamidated)	160	1.03E-15	1	3263.634	0.27	Head	2L:+:27870395-27870481	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_86873	NVSYGSDTGSAGIYGGIR	AGAP006184-PA	-	96	3.71E-09	2	1773.844	1.84	Head	2L:+:27869960-27870013	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_87312	SSGGSAATLPAGGRPDQSVSEVYQR	AGAP006184-PA	-	74	7.02E-07	1	2477.207	2.22	Visceras	2L:+:27868052-27868126	exon=> In CDS Exon 4 of transcript AGAP006184-PA
JHU_Ag_87793	LDNLLEDLQQSVSRPGSSLGQPINNYSSTR	AGAP006184-PA	-	99	1.12E-09	1	3288.653	2.22	Head	2L:+:27864894-27864897,27867735-27867820	exon=> In CDS Exon 2 and 3 of transcript AGAP006184-PA
JHU_Ag_87912	NINQLDTLLNDLER	AGAP006184-PA	-	97	2.54E-09	1	1670.878	4.04	Visceras	2L:+:27868127-27868168	exon=> In CDS Exon 4 of transcript AGAP006184-PA
JHU_Ag_87928	ELVFDSPNSYEVR	AGAP006184-PA	-	84	5.71E-08	1	1554.746	1.84	Head	2L:+:27869855-27869893	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_89565	TAAGSPDQPGGPMK	AGAP006184-PA	M13(Oxidation)	49	0.000129717	1	1329.606	-3.05	Male reproductive organs	2L:+:27870593-27870634	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_94259	ELVFDSPNSYEVR	AGAP006184-PA	-	59	1.93E-05	1	1554.756	7.73	Malpighian tubule	2L:+:27869855-27869893	exon=> In CDS Exon 6 of transcript AGAP006184-PA

JHU_Ag_95851	NETFNTTNNVQEYPVPTILNHPLPPNTAK	AGAP006184-PA	-	142	6.55E-14	1	3263.638	1.51	Visceras	2L:+:27870395-27870481	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_96482	NVSYGSDTGSAGIYGGIR	AGAP006184-PA	-	71	1.12E-06	2	1773.840	-0.22	Male reproductive organs	2L:+:27869960-27870013	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_96614	DGIDSGLHEPGAR	AGAP006184-PA	-	57	3.54E-05	1	1323.631	1.84	Malpighian tubule	2L:+:27869626-27869648,27869773-27869788	exon=> In CDS Exon 5 and 6 of transcript AGAP006184-PA
JHU_Ag_111694	HSTTNYYPDQPVESPYPGNFR	AGAP006184-PA	-	91	1.02E-08	1	2469.114	1.31	Head	2L:+:27870509-27870571	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_112059	LDNLLEDLQQSVSRPGSSLGQPINNYSSTR	AGAP006184-PA	-	155	2.75E-15	1	3288.652	1.89	Visceras	2L:+:27864894-27864897,27867735-27867820	exon=> In CDS Exon 2 and 3 of transcript AGAP006184-PA
JHU_Ag_112974	EVQYLQPANVTTVAR	AGAP006184-PA	-	92	7.23E-09	2	1688.902	3.17	Head	2L:+:27867821-27867865	exon=> In CDS Exon 3 of transcript AGAP006184-PA
JHU_Ag_115865	TVSPSSDLVAR	AGAP006184-PA	-	50	0.000146102	2	1131.605	3.69	Malpighian tubule	2L:+:27870077-27870109	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_117439	SDEYYTETR	AGAP006184-PA	-	68	5.95E-07	2	1163.489	3.26	Malpighian tubule	2L:+:27870050-27870076	exon=> In CDS Exon 6 of transcript AGAP006184-PA
JHU_Ag_3982	ISDVNPDFH	AGAP006186-PA	-	41	0.000515442	1	1043.482	2.69	Visceras	2L:+:27919767-27919776,27925972-27925988	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PA
JHU_Ag_35129	ISDVNPDFH	AGAP006186-PA	-	41	0.00060139	2	1043.480	0.24	Ovary	2L:+:27919767-27919776,27925972-27925988	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PA
JHU_Ag_73965	RISDVNPDFH	AGAP006186-PA	N6(Deamidated)	60	1.15E-05	1	1199.578	-2.17	Head	2L:+:27919764-27919776,27925972-27925988	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PA
JHU_Ag_83475	ISDVNPDFH	AGAP006186-PA	-	55	1.96E-05	1	1043.477	-2.26	Head	2L:+:27919767-27919776,27925972-27925988	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PA
JHU_Ag_114169	RISDVNPDFH	AGAP006186-PA	-	57	2.53E-05	1	1199.584	2.71	Malpighian tubule	2L:+:27919764-27919776,27925972-27925988	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PA
JHU_Ag_13334	ISDANEVIKTWE	AGAP006186-PB	-	75	6.53E-07	2	1404.700	-0.6	Ovary	2L:+:27919767-27919776,27928045-27928070	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_13726	RISDANEVIK	AGAP006186-PB	-	56	3.55E-05	1	1144.631	-0.74	Head	2L:+:27919764-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_31083	RISDANEVIK	AGAP006186-PB	-	40	0.001595394	1	1144.634	1.61	Pupa	2L:+:27919764-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_38398	ISDANEVIK	AGAP006186-PB	-	46	0.000529124	2	988.529	-1.61	Head	2L:+:27919767-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_41400	ISDANEVIK	AGAP006186-PB	-	66	4.30E-06	2	988.533	1.84	Larva	2L:+:27919767-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_49652	ISDANEVIK	AGAP006186-PB	-	58	2.87E-05	2	988.534	3.08	Visceras	2L:+:27919767-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_93528	ISDANEVIK	AGAP006186-PB	-	44	0.000844682	2	988.531	0.42	Pupa	2L:+:27919767-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB

JHU_Ag_94078	RISDANEVIK	AGAP006186-PB	-	52	9.45E-05	1	1144.635	2.57	Larva	2L:+:27919764-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_100352	ISDANEVIKTWE	AGAP006186-PB	-	81	1.54E-07	2	1404.708	5.05	Malpighian tubule	2L:+:27919767-27919776,27928045-27928070	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_107666	RISDANEVIK	AGAP006186-PB	-	61	1.08E-05	1	1144.633	0.86	Visceras	2L:+:27919764-27919776,27928045-27928061	exon=> In CDS Exon 8 and 9 of transcript AGAP006186-PB
JHU_Ag_501	EVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	39	0.002448612	2	945.500	-0.37	Visceras	2L:+:27918263-27918286;2L:+:27918263-27918286;2L:+:27918263-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_2583	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	83	3.99E-08	1	1588.883	2.16	Male reproductive organs	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_2612	EIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	68	1.64E-06	2	1541.807	0.88	Pupa	2L:+:27916877-27916921;2L:+:27916877-27916921;2L:+:27916877-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_3026	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	107	2.38E-10	1	1367.632	-0.7	Head	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_3047	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	103	6.03E-10	1	1367.639	4.57	Larva	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_3597	IEGNDSSFTEFEISGSTYEPIGEVTLNGQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	N27(Deamidated),Q29(Deamidated)	39	0.001605266	3	3276.528	3.06	Pupa	2L:+:27917561-27917650;2L:+:27917561-27917650;2L:+:27917561-27917650	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_3657	KEVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	54	7.84E-05	1	1073.595	-0.44	Pupa	2L:+:27918260-27918286;2L:+:27918260-27918286;2L:+:27918260-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_3812	AADYETLHELGTICIMCNDSAIDFNETK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C14(Carbamidomethyl),M16(Oxidation),C17(Carbamidomethyl)	62	4.28E-06	1	3247.441	5.56	Larva	2L:+:27917657-27917740;2L:+:27917657-27917740;2L:+:27917657-27917740	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_3927	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	69	2.16E-06	1	1202.613	-3.21	Midgut	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA

JHU_Ag_4028	KYGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	75	6.10E-07	2	1431.711	-0.02	Pupa	2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_4102	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	82	5.11E-09	1	1485.897	2.94	Visceras	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_4585	IVEFLQSMNEISAMTGDGVNDAPALKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation), M14(Oxidation)	69	1.54E-06	1	2910.438	5.19	Malpighian tubule	2L:+:27918506-27918586;2L:+:27918506-27918586;2L:+:27918506-27918586	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_4639	AEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M7(Oxidation)	87	3.03E-08	1	1391.726	4.06	Malpighian tubule	2L:+:27918587-27918631;2L:+:27918587-27918631;2L:+:27918587-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_4755	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	72	7.74E-07	2	1324.601	-0.46	Visceras	2L:+:27918416-27918448;2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_4776	SLPSVETLGCTSVICSDKTGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl), M27(Oxidation)	99	1.80E-09	1	3345.594	-0.86	Head	2L:+:27917450-27917542;2L:+:27917450-27917542;2L:+:27917450-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_5061	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	129	7.62E-13	1	2207.198	2.77	Larva	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_6075	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	95	3.89E-09	1	1291.701	0.24	Pupa	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_6603	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	62	8.26E-06	2	1367.637	2.96	Male reproductive organs	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_7003	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	111	1.17E-10	2	1952.934	1.7	Pupa	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_7403	IVEFLQSMNEISAMTGDGVNDAPALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	71	1.00E-06	2	2750.356	6.83	Visceras	2L:+:27918506-27918583;2L:+:27918506-27918583;2L:+:27918506-27918583	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_7788	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	119	8.96E-12	1	2207.195	1.56	Midgut	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_7871	ADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	108	2.06E-10	1	1510.775	4.12	Head	2L:+:27919001-27919038,27919122;2L:+:27919001-27919038,27919122;2L:+:27919001-27919038,27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_8040	TEMSETEEIKTPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation)	95	5.69E-09	1	1907.923	-1.83	Midgut	2L:+:27917156-27917203;2L:+:27917156-27917203;2L:+:27917156-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_8210	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	140	7.22E-14	1	2207.189	-1.32	Head	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_8373	MFIFEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M1(Oxidation)	33	0.004542336	2	830.414	3.23	Larva	2L:+:27917543-27917560;2L:+:27917543-27917560;2L:+:27917543-27917560	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_8698	IVEFLQSMNEISAMTGDGVNDAPALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation),M14(Oxidation),"M8(Oxidation),M14(Oxidation)"	132	9.27E-13	2	2766.340	2.54	Head	2L:+:27918506-27918583;2L:+:27918506-27918583;2L:+:27918506-27918583	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_8942	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	4.46E-08	2	1299.763	-0.22	Male reproductive organs	2L:+:27917108-27917149;2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_10338	EFTLEFSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	60	8.71E-06	2	1028.505	-0.09	Pupa	2L:+:27917891-27917914;2L:+:27917891-27917914;2L:+:27917891-27917914	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_10714	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	87	8.30E-09	1	1299.765	1.28	Salivary gland	2L:+:27917108-27917149;2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_10849	GLSLDQVKEYQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	46	0.000277448	2	1407.752	2.76	Midgut	2L:+:27903112-27903147;2L:+:27903112-27903147;2L:+:27903112-27903147	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_11264	LDEFGEQLSK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	67	3.71E-06	2	1165.577	2.56	Larva	2L:+:27917204-27917233;2L:+:27917204-27917233;2L:+:27917204-27917233	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_11752	NAESAIEALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	70	1.89E-06	2	1045.552	-0.64	Visceras	2L:+:27916778-27916807;2L:+:27916778-27916807;2L:+:27916778-27916807	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_11960	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	117	3.06E-11	1	1952.935	2.51	Malpighian tubule	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_11961	IVEFLQSMNEISAMTGDGVNDAPALKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation), M14(Oxidation)	64	5.44E-06	1	2878.433	0.23	Visceras	2L:+:27918506-27918586;2L:+:27918506-27918586;2L:+:27918506-27918586	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_12491	YGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	56	3.79E-05	2	1303.614	-1.71	Midgut	2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_13584	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	96	2.91E-09	2	1291.698	-2.22	Midgut	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_13695	IVEFLQSMNEISAMTGDGVNDAPALKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation), M14(Oxidation)	58	2.20E-05	3	2910.430	2.73	Larva	2L:+:27918506-27918586;2L:+:27918506-27918586;2L:+:27918506-27918586	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_13713	IRTEMSETEEIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	65	4.08E-06	2	1481.715	-0.51	Pupa	2L:+:27917150-27917185;2L:+:27917150-27917185;2L:+:27917150-27917185	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_13746	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	42	0.000355634	1	899.558	2.3	Malpighian tubule	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_13767	VGSTKVPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	62	1.16E-06	1	1371.821	0.41	Ovary	2L:+:27918035-27918073;2L:+:27918035-27918073;2L:+:27918035-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_13890	AEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M7(Oxidation)	88	2.26E-08	2	1375.728	2.09	Visceras	2L:+:27918587-27918631;2L:+:27918587-27918631;2L:+:27918587-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_14112	GAPEGVLER	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	54	3.35E-05	1	927.488	-1.37	Pupa	2L:+:27917993-27918019;2L:+:27917993-27918019;2L:+:27917993-27918019	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_14169	KYGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	82	1.11E-07	1	1431.710	-1.38	Head	2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_14704	GLSLDQVK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	52	0.000137414	1	859.488	-0.44	Visceras	2L:+:27903112-27903135;2L:+:27903112-27903135;2L:+:27903112-27903135	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_15201	IVEFLQSMNEISAMTGDGVNDAPALKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation), M14(Oxidation)	53	7.15E-05	1	2910.427	1.66	Ovary	2L:+:27918506-27918586;2L:+:27918506-27918586;2L:+:27918506-27918586	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_15659	SYSGREFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	45	0.000469828	2	1874.853	0.6	Pupa	2L:+:27918401-27918448;2L:+:27918401-27918448;2L:+:27918401-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_15806	EVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	42	0.001375284	2	945.502	1.95	Larva	2L:+:27918263-27918286;2L:+:27918263-27918286;2L:+:27918263-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_16929	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	78	2.43E-07	1	1202.621	3.79	Larva	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA

JHU_Ag_16985	CLALATADSPMKPDDMDLNDSTK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C1(Carbamidomethyl), M11(Oxidation), M16(Oxidation),C1(Carbamidomethyl),"C1(Carbamidomethyl), M16(Oxidation)","C1(Carbamidomethyl), M11(Oxidation)"	126	2.12E-12	1	2525.126	2.09	Head	2L:+:27918128-27918196;2L:+:27918128-27918196;2L:+:27918128-27918196	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_17246	AEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M7(Oxidation)	68	2.58E-06	2	1391.722	1.34	Pupa	2L:+:27918587-27918631;2L:+:27918587-27918631;2L:+:27918587-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_17706	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	39	0.000724442	2	899.556	-0.34	Salivary gland	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_18144	KEVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	40	0.001897018	2	1073.599	3.65	Larva	2L:+:27918260-27918286;2L:+:27918260-27918286;2L:+:27918260-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_18496	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	122	4.80E-12	1	1588.880	0.7	Visceras	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_18752	YGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	79	1.98E-07	1	1303.616	-0.49	Visceras	2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_18899	SSAICVRQEIETK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C5(Carbamidomethyl)	39	0.002133967	2	1520.774	0.12	Ovary	2L:+:27917843-27917881;2L:+:27917843-27917881;2L:+:27917843-27917881	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_18917	NAESAIEALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	70	1.78E-06	2	1045.553	0.06	Head	2L:+:27916778-27916807;2L:+:27916778-27916807;2L:+:27916778-27916807	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_18975	GAVYYFK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	42	0.001276203	2	847.435	-0.09	Pupa	2L:+:27917318-27917338;2L:+:27917318-27917338;2L:+:27917318-27917338	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_19229	MFIFEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M1(Oxidation)	30	0.007785515	1	830.412	-0.08	Midgut	2L:+:27917543-27917560;2L:+:27917543-27917560;2L:+:27917543-27917560	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_20749	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	88	1.25E-08	1	1543.866	5.45	Malpighian tubule	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_21845	YGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	37	0.003043208	1	1303.622	4.19	Male reproductive organs	2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_21982	SYSGREFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	64	5.96E-06	2	1874.861	4.83	Malpighian tubule	2L:+:27918401-27918448;2L:+:27918401-27918448;2L:+:27918401-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_22289	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	49	0.000196795	1	2397.125	0.36	Salivary gland	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_23594	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	114	2.44E-11	1	2207.191	-0.32	Male reproductive organs	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_23630	IRTEMSETEEIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	86	3.27E-08	1	1465.718	-1.65	Head	2L:+:27917150-27917185;2L:+:27917150-27917185;2L:+:27917150-27917185	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_23631	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	41	0.001065008	1	1523.732	-1.22	Salivary gland	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_24401	AEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M7(Oxidation)	67	2.77E-06	2	1391.723	2.13	Salivary gland	2L:+:27918587-27918631;2L:+:27918587-27918631;2L:+:27918587-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_24424	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	N8(Deamidated)	106	3.03E-10	1	1291.703	2.04	Head	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_25898	KAEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation)	119	1.37E-11	1	1519.820	3.41	Larva	2L:+:27918584-27918631;2L:+:27918584-27918631;2L:+:27918584-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_26091	TEMSETEEIKTPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation)	113	8.60E-11	1	1907.925	-0.96	Head	2L:+:27917156-27917203;2L:+:27917156-27917203;2L:+:27917156-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_26096	KADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	52	6.66E-05	1	1638.865	0.62	Pupa	2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_26218	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	58	2.85E-05	1	2397.128	1.51	Ovary	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_26963	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	110	7.62E-11	1	1588.878	-0.83	Salivary gland	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_27235	IYSTTIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	43	0.000321421	1	853.478	0.74	Head	2L:+:27916949-27916969;2L:+:27916949-27916969;2L:+:27916949-27916969	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_27564	VGEATETALIVLAEKLNPFNVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	154	8.61E-16	1	2427.366	6.65	Malpighian tubule	2L:+:27917756-27917824;2L:+:27917756-27917824;2L:+:27917756-27917824	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_27760	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	93	2.59E-09	1	1299.764	0.81	Visceras	2L:+:27917108-27917149;2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_29265	TGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M9(Oxidation)	70	1.40E-06	1	1411.687	1.64	Malpighian tubule	2L:+:27917504-27917542;2L:+:27917504-27917542;2L:+:27917504-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_29409	LDEFGEQLSK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	69	2.11E-06	2	1165.572	-1	Head	2L:+:27917204-27917233;2L:+:27917204-27917233;2L:+:27917204-27917233	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_30096	EIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	88	2.04E-08	2	1541.802	-2.68	Midgut	2L:+:27916877-27916921;2L:+:27916877-27916921;2L:+:27916877-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_31068	SKIVEFLQSMNEISAMTGDGVNDAPALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation),"M10(Oxidation), M16(Oxidation)"	96	3.69E-09	1	2997.465	3.57	Malpighian tubule	2L:+:27918500-27918583;2L:+:27918500-27918583;2L:+:27918500-27918583	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_31140	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	74	3.57E-08	1	1485.895	1.46	Salivary gland	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_31359	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	80	1.61E-07	1	1952.928	-1.3	Male reproductive organs	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_31430	GLSLDQVK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	49	0.000242678	1	859.488	-0.28	Head	2L:+:27903112-27903135;2L:+:27903112-27903135;2L:+:27903112-27903135	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_31433	MFIFEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M1(Oxidation)	37	0.001403742	1	830.412	-0.23	Pupa	2L:+:27917543-27917560;2L:+:27917543-27917560;2L:+:27917543-27917560	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_31808	LDEFGEQLSK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	56	4.16E-05	1	1165.575	0.99	Salivary gland	2L:+:27917204-27917233;2L:+:27917204-27917233;2L:+:27917204-27917233	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_31892	VIVITGDNK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	41	0.000959997	2	958.557	0.63	Midgut	2L:+:27918308-27918334;2L:+:27918308-27918334;2L:+:27918308-27918334	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_32389	KADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	72	6.83E-07	1	1638.869	2.86	Visceras	2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_32745	EFTLEFSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	49	0.00010115	2	1028.506	1.45	Salivary gland	2L:+:27917891-27917914;2L:+:27917891-27917914;2L:+:27917891-27917914	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_32764	TEMSETEEIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	33	0.003762305	2	1196.533	-1.91	Pupa	2L:+:27917156-27917185;2L:+:27917156-27917185	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_32931	IYSTTIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	33	0.003639777	2	853.477	-0.48	Visceras	2L:+:27916949-27916969;2L:+:27916949-27916969	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_33275	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	112	2.90E-11	1	1299.764	0.44	Head	2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_34088	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	115	3.41E-11	1	1367.633	0.11	Visceras	2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_35403	TGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M9(Oxidation)	79	1.80E-07	1	1411.689	3.28	Larva	2L:+:27917504-27917542;2L:+:27917504-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_35441	VIVITGDNK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	52	0.000102772	2	958.556	-0.39	Head	2L:+:27918308-27918334;2L:+:27918308-27918334	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_35450	AEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M7(Oxidation)	117	3.16E-11	1	1391.718	-1.73	Head	2L:+:27918587-27918631;2L:+:27918587-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_36097	NAESAIEALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	49	0.000244438	2	1045.552	-0.29	Pupa	2L:+:27916778-27916807;2L:+:27916778-27916807	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_36298	GAPEGVLER	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	64	2.91E-06	1	927.490	0.99	Visceras	2L:+:27917993-27918019;2L:+:27917993-27918019	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_37071	KEVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	58	2.93E-05	2	1073.595	0.24	Head	2L:+:27918260-27918286;2L:+:27918260-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_37439	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	143	3.34E-14	1	2207.197	2.22	Visceras	2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_37677	AKEIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	46	0.000199679	2	1740.943	2.88	Larva	2L:+:27916871-27916921;2L:+:27916871-27916921;2L:+:27916871-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_37845	KSMSSYCTPLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation), C7(Carbamidomethyl)	48	0.00017556	2	1317.619	1.07	Head	2L:+:27917921-27917953;2L:+:27917921-27917953;2L:+:27917921-27917953	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_37922	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	42	0.00090004	2	1523.738	2.63	Larva	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_39102	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	106	2.17E-10	2	1543.859	1.02	Ovary	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_39485	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	69	1.37E-06	1	1367.631	-0.87	Salivary gland	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_39944	ADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	65	4.63E-06	2	1510.775	4.28	Larva	2L:+:27919001-27919038,27919122-27919122;2L:+:27919001-27919038,27919122-27919122;2L:+:27919001-27919038,27919122-27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_39985	CLALATADSPMKPDDMDLNDSTK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C1(Carbamidomethyl), M11(Oxidation), M16(Oxidation)	55	2.72E-05	1	2541.122	2.54	Visceras	2L:+:27918128-27918196;2L:+:27918128-27918196;2L:+:27918128-27918196	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_40562	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	125	2.74E-12	1	1543.860	1.33	Visceras	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_41436	KYGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	39	0.002394818	1	1431.716	3.31	Visceras	2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280;2L:+:27903148-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_41759	GLSLDQVK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	45	0.00067613	1	859.490	1.28	Pupa	2L:+:27903112-27903135;2L:+:27903112-27903135;2L:+:27903112-27903135	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_42693	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	88	1.05E-08	2	1588.886	4.39	Larva	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_43153	AADYETLHELGTICIMCNDSAIDFNETK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C14(Carbamidomethyl), C17(Carbamidomethyl)	55	2.79E-05	1	3231.436	2.51	Pupa	2L:+:27917657-27917740;2L:+:27917657-27917740;2L:+:27917657-27917740	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_43272	GAPEGVLER	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	64	3.15E-06	1	927.491	2.11	Malpighian tubule	2L:+:27917993-27918019;2L:+:27917993-27918019;2L:+:27917993-27918019	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_43507	VIVITGDNK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	40	0.001415596	2	958.559	1.77	Malpighian tubule	2L:+:27918308-27918334;2L:+:27918308-27918334;2L:+:27918308-27918334	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_44959	LDEFGEQLSK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	63	8.62E-06	2	1165.574	0.47	Malpighian tubule	2L:+:27917204-27917233;2L:+:27917204-27917233;2L:+:27917204-27917233	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_45005	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	144	3.49E-14	1	1543.862	2.99	Head	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_46602	AIYNNMK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M6(Oxidation)	39	0.001378319	1	853.423	-1.26	Head	2L:+:27918701-27918721;2L:+:27918701-27918721;2L:+:27918701-27918721	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_46878	CLALATADSPMKPDDMDLNDSTK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C1(Carbamidomethyl), M11(Oxidation), M16(Oxidation)	63	4.46E-06	1	2541.126	4.12	Larva	2L:+:27918128-27918196;2L:+:27918128-27918196;2L:+:27918128-27918196	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_47430	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	64	6.83E-06	1	1202.616	-0.37	Malpighian tubule	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_47541	KAEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation)	140	1.06E-13	1	1519.819	2.35	Malpighian tubule	2L:+:27918584-27918631;2L:+:27918584-27918631;2L:+:27918584-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_47576	TEMSETEEIKTPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation)	82	1.17E-07	1	1907.927	0.38	Malpighian tubule	2L:+:27917156-27917203;2L:+:27917156-27917203;2L:+:27917156-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_48193	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	119	1.93E-11	2	2397.137	5.33	Larva	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_48405	IVEFLQSMNEISAMTGDGVNDAPALKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	64	6.20E-06	1	2878.438	2.01	Pupa	2L:+:27918506-27918586;2L:+:27918506-27918586;2L:+:27918506-27918586	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_48807	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	60	1.41E-05	1	1523.737	2.23	Ovary	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_49072	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	55	1.77E-05	1	899.558	2.3	Visceras	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_50063	NAESAIEALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	70	1.80E-06	2	1045.549	-3.79	Midgut	2L:+:27916778-27916807;2L:+:27916778-27916807;2L:+:27916778-27916807	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_50124	LDEFGEQLSK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	85	5.45E-08	1	1165.573	-0.16	Pupa	2L:+:27917204-27917233;2L:+:27917204-27917233;2L:+:27917204-27917233	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_50345	VIVITGDNK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	57	2.47E-05	2	958.558	1.07	Larva	2L:+:27918308-27918334;2L:+:27918308-27918334;2L:+:27918308-27918334	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_50487	EFTLEFSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	44	0.000380866	2	1028.504	-0.57	Male reproductive organs	2L:+:27917891-27917914;2L:+:27917891-27917914;2L:+:27917891-27917914	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_50490	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	92	6.48E-09	1	1367.633	0.46	Ovary	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_51693	IRTEMSETEEIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	87	3.12E-08	1	1481.721	3.61	Larva	2L:+:27917150-27917185;2L:+:27917150-27917185;2L:+:27917150-27917185	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_51919	MEDGHSKTVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	N-Term(Acetyl), M1(Oxidation)	55	3.82E-05	1	2044.948	4.41	Malpighian tubule	2L:+:27903046-27903096;2L:+:27903046-27903096;2L:+:27903046-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_52307	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	106	2.97E-10	1	1367.632	-0.61	Pupa	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_52808	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	133	3.63E-13	2	1543.863	3.55	Larva	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_52991	SSAICVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C5(Carbamidomethyl)	39	0.002269445	2	792.404	0.49	Salivary gland	2L:+:27917843-27917863;2L:+:27917843-27917863;2L:+:27917843-27917863	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_53670	IYSTTIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	35	0.00237725	2	853.478	0.45	Pupa	2L:+:27916949-27916969;2L:+:27916949-27916969;2L:+:27916949-27916969	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_53799	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	106	3.56E-10	1	2381.137	3.41	Pupa	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_54341	IGVFGEDEDTTGKSYSGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	49	0.000168089	2	1917.887	2.38	Malpighian tubule	2L:+:27918362-27918415;2L:+:27918362-27918415;2L:+:27918362-27918415	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_55181	GVVIGTGLNTAIGKIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	100	1.04E-10	1	1568.955	4.17	Malpighian tubule	2L:+:27917108-27917155;2L:+:27917108-27917155;2L:+:27917108-27917155	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_55247	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	101	3.46E-10	1	1299.769	4.19	Malpighian tubule	2L:+:27917108-27917149;2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_55331	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	1.18E-07	1	1291.705	3.55	Larva	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_55359	ARGVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	67	4.16E-07	2	1526.908	4.49	Malpighian tubule	2L:+:27917102-27917149;2L:+:27917102-27917149;2L:+:27917102-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_56376	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	89	7.94E-09	2	1299.760	-2.19	Midgut	2L:+:27917108-27917149;2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_56955	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	30	0.005834496	1	899.557	0.54	Ovary	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_57504	LGNGPK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	45	0.000221966	1	585.338	4.46	Head	2L:+:27917963-27917980;2L:+:27917963-27917980;2L:+:27917963-27917980	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_58053	TEMSETEEIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	63	4.57E-06	2	1196.533	-1.4	Head	2L:+:27917156-27917185;2L:+:27917156-27917185;2L:+:27917156-27917185	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_58145	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	78	2.44E-07	1	1202.619	1.96	Head	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_58413	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	79	1.41E-07	2	1324.602	0.64	Midgut	2L:+:27918416-27918448;2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_58684	KAEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation)	89	1.58E-08	2	1519.814	-0.62	Visceras	2L:+:27918584-27918631;2L:+:27918584-27918631;2L:+:27918584-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_59205	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	78	2.49E-07	1	1202.619	1.96	Visceras	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_60204	EIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	75	3.18E-07	1	1541.808	1.67	Visceras	2L:+:27916877-27916921;2L:+:27916877-27916921;2L:+:27916877-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_60211	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	81	6.25E-08	2	1588.878	-0.68	Midgut	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_60306	KNAIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	32	0.001897396	1	700.446	-0.63	Salivary gland	2L:+:27917432-27917449;2L:+:27917432-27917449;2L:+:27917432-27917449	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_60635	SMSSYCTPLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M2(Oxidation), C6(Carbamidomethyl)	63	2.91E-06	2	1189.522	-0.87	Pupa	2L:+:27917924-27917953;2L:+:27917924-27917953;2L:+:27917924-27917953	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_61324	SMSSYCTPLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M2(Oxidation), C6(Carbamidomethyl)	33	0.002687533	2	1189.524	0.88	Larva	2L:+:27917924-27917953;2L:+:27917924-27917953;2L:+:27917924-27917953	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_61367	ARGVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	42	0.000177408	3	1526.902	0.47	Ovary	2L:+:27917102-27917149;2L:+:27917102-27917149;2L:+:27917102-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_61619	ATAEAICR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C7(Carbamidomethyl)	45	0.00044342	2	891.436	0.37	Visceras	2L:+:27918335-27918358;2L:+:27918335-27918358;2L:+:27918335-27918358	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_61809	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	42	0.000321369	1	899.558	2.64	Larva	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_61986	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	76	3.23E-07	1	1324.604	1.9	Larva	2L:+:27918416-27918448;2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_63440	KADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	112	5.23E-11	1	1638.877	8.04	Larva	2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_64027	AKEIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	69	1.22E-06	2	1740.937	-0.63	Head	2L:+:27916871-27916921;2L:+:27916871-27916921;2L:+:27916871-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_64715	SMSSYCTPLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C6(Carbamidomethyl),"M2(Oxidation), C6(Carbamidomethyl)"	66	1.38E-06	1	1189.521	-1.9	Head	2L:+:27917924-27917953;2L:+:27917924-27917953;2L:+:27917924-27917953	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_65272	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	165	4.93E-16	2	2381.127	-0.77	Head	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_65504	GVVIGTGLNTAIGKIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	1.05E-08	2	1568.951	1.45	Head	2L:+:27917108-27917155;2L:+:27917108-27917155;2L:+:27917108-27917155	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_66619	SSAICVRQEIETK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C5(Carbamidomethyl)	67	3.06E-06	1	1520.780	3.9	Malpighian tubule	2L:+:27917843-27917881;2L:+:27917843-27917881;2L:+:27917843-27917881	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_66683	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	74	5.20E-07	2	1324.603	1.29	Male reproductive organs	2L:+:27918416-27918448;2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_67153	KADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	121	7.55E-12	1	1638.868	2.31	Head	2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_67421	YGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	50	0.000145015	1	1303.617	0.07	Malpighian tubule	2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_67478	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	Q3(Deamidated)	136	1.99E-13	1	1588.880	0.17	Head	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_67578	GLSLDQVKEYQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	88	2.24E-08	1	1407.754	4.23	Malpighian tubule	2L:+:27903112-27903147;2L:+:27903112-27903147;2L:+:27903112-27903147	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_67590	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	54	4.70E-05	2	1291.703	1.75	Salivary gland	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_67934	AADYETLHELGTICIMCNDSAIDFNETK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C14(Carbamidomethyl),C17(Carbamidomethyl),"C14(Carbamidomethyl),M16(Oxidation),C17(Carbamidomethyl)"	154	2.95E-15	1	3247.430	2.18	Head	2L:+:27917657-27917740;2L:+:27917657-27917740;2L:+:27917657-27917740	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_67959	AADYETLHELGTICIMCNDSAIDFNETKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C14(Carbamidomethyl),C17(Carbamidomethyl)	186	2.67E-18	1	3359.519	-1.26	Visceras	2L:+:27917657-27917743;2L:+:27917657-27917743;2L:+:27917657-27917743	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_68589	NAESAIEALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	46	0.000433679	1	1045.554	1.23	Salivary gland	2L:+:27916778-27916807;2L:+:27916778-27916807;2L:+:27916778-27916807	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_68593	AADYETLHELGTICIMCNDSAIDFNETKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C14(Carbamidomethyl),C17(Carbamidomethyl),"C14(Carbamidomethyl),M16(Oxidation),C17(Carbamidomethyl)"	163	4.75E-16	1	3375.520	0.62	Head	2L:+:27917657-27917743;2L:+:27917657-27917743;2L:+:27917657-27917743	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_68670	EFTLEFSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	54	3.81E-05	2	1028.508	2.99	Head	2L:+:27917891-27917914;2L:+:27917891-27917914;2L:+:27917891-27917914	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_68763	AKEIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	102	5.99E-10	1	1740.933	-2.87	Midgut	2L:+:27916871-27916921;2L:+:27916871-27916921;2L:+:27916871-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_69361	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	76	2.52E-07	1	1291.699	-0.99	Ovary	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_69758	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	104	3.05E-10	2	1543.859	0.86	Salivary gland	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_70492	SYSGREFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	44	0.000528105	2	1874.857	2.82	Ovary	2L:+:27918401-27918448;2L:+:27918401-27918448;2L:+:27918401-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_70537	SLPSVETLGCTSVICSDKTGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl),"C10(Carbamidomethyl), C15(Carbamidomethyl), M27(Oxidation)"	148	2.00E-14	1	3345.607	2.97	Malpighian tubule	2L:+:27917450-27917542;2L:+:27917450-27917542;2L:+:27917450-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_70920	GLSLDQVKEYQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	70	1.18E-06	1	1407.748	0.42	Ovary	2L:+:27903112-27903147;2L:+:27903112-27903147;2L:+:27903112-27903147	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_71167	MFIFEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M1(Oxidation)	37	0.001623375	2	814.416	-1.23	Visceras	2L:+:27917543-27917560;2L:+:27917543-27917560;2L:+:27917543-27917560	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_71340	KNILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	48	0.000112592	2	1419.796	0.05	Pupa	2L:+:27917060-27917101;2L:+:27917060-27917101;2L:+:27917060-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_71885	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	95	3.11E-10	2	1485.897	2.53	Head	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_71975	IEGNDSSFTEFEISGSTYEPIGEVTLNGQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	102	6.84E-10	1	3276.531	3.95	Visceras	2L:+:27917561-27917650;2L:+:27917561-27917650;2L:+:27917561-27917650	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_71979	KADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	49	0.000133711	1	1638.868	2.3	Salivary gland	2L:+:27918998-27919038,27919122-27919122;2L:+:27918998-27919038,27919122-27919122;2L:+:27918998-27919038,27919122-27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_72167	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	33	0.0028642	1	899.557	0.55	Male reproductive organs	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_72591	MFIFEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M1(Oxidation)	38	0.001067302	1	830.411	-0.8	Head	2L:+:27917543-27917560;2L:+:27917543-27917560;2L:+:27917543-27917560	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_73452	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	75	5.16E-07	1	1202.619	1.86	Salivary gland	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_73604	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	79	1.90E-07	1	2024.950	0.94	Male reproductive organs	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_73991	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	77	1.55E-08	1	1485.898	3.6	Malpighian tubule	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_74289	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	44	0.000605183	1	2397.128	1.58	Male reproductive organs	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_74329	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	118	1.34E-11	2	1543.861	2.05	Pupa	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_74337	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	84	2.29E-08	1	2207.194	1	Ovary	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_74360	KAEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation)	140	9.25E-14	1	1503.822	1.1	Head	2L:+:27918584-27918631;2L:+:27918584-27918631;2L:+:27918584-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_74936	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	113	8.98E-11	1	2008.953	0	Midgut	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_75561	TEMSETEEIKTPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation)	106	3.69E-10	1	1891.929	-1.49	Pupa	2L:+:27917156-27917203;2L:+:27917156-27917203;2L:+:27917156-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_75721	LDEFGEQLSK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	48	0.000247428	2	1165.571	-2.47	Midgut	2L:+:27917204-27917233;2L:+:27917204-27917233;2L:+:27917204-27917233	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_75781	LNPFNVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	44	0.000523045	2	902.510	0.18	Salivary gland	2L:+:27917801-27917824;2L:+:27917801-27917824;2L:+:27917801-27917824	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_76589	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	50	5.57E-05	1	899.556	-0.06	Head	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_76689	IVEFLQSMNEISAMTGDGVNDAPALKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation), M14(Oxidation)	130	1.55E-12	1	2878.437	1.56	Head	2L:+:27918506-27918586;2L:+:27918506-27918586;2L:+:27918506-27918586	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_77001	KNILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	40	0.000617893	2	1419.798	1.94	Visceras	2L:+:27917060-27917101;2L:+:27917060-27917101;2L:+:27917060-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_77325	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	Q3(Deamidated)	126	2.17E-12	1	1588.882	1.47	Pupa	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_77407	VGEATETALIVLAEKLNPFNVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	126	6.37E-13	1	2427.352	1.07	Pupa	2L:+:27917756-27917824;2L:+:27917756-27917824;2L:+:27917756-27917824	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_77460	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	90	1.56E-08	1	1523.733	-0.65	Head	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_77543	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	7.43E-09	1	1485.902	6.15	Larva	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_77738	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	60	1.10E-05	1	1291.700	-0.23	Male reproductive organs	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_77796	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	111	8.96E-11	1	1291.703	1.56	Visceras	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_78176	VPLTQTLKQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	45	8.10E-05	2	1183.718	1.93	Malpighian tubule	2L:+:27918050-27918079;2L:+:27918050-27918079;2L:+:27918050-27918079	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_78578	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	59	1.78E-05	2	1324.603	1.1	Salivary gland	2L:+:27918416-27918448;2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_78741	VPLTQTLKQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	61	2.29E-06	2	1183.714	-1.89	Head	2L:+:27918050-27918079;2L:+:27918050-27918079;2L:+:27918050-27918079	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_79176	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	133	7.89E-13	1	2008.957	2.03	Visceras	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_79373	EYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M6(Oxidation)	35	0.002019069	1	982.419	-0.09	Head	2L:+:27916808-27916831;2L:+:27916808-27916831;2L:+:27916808-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_80023	EIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	99	1.29E-09	1	1541.810	2.78	Head	2L:+:27916877-27916921;2L:+:27916877-27916921;2L:+:27916877-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_80027	LNPFNVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	37	0.003044661	1	902.510	0.45	Pupa	2L:+:27917801-27917824;2L:+:27917801-27917824;2L:+:27917801-27917824	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_80140	VGSTKVPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	101	1.57E-10	1	1371.820	-0.3	Head	2L:+:27918035-27918073;2L:+:27918035-27918073;2L:+:27918035-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_80368	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	135	5.98E-13	1	2008.958	2.39	Head	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_80811	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	5.57E-08	1	2207.203	4.81	Malpighian tubule	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_81836	AEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M7(Oxidation)	69	1.73E-06	2	1391.721	0.9	Ovary	2L:+:27918587-27918631;2L:+:27918587-27918631;2L:+:27918587-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_82228	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	74	5.75E-07	1	1523.732	-1.18	Visceras	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_82351	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	N9(Deamidated)	104	1.63E-10	1	1299.765	1.38	Pupa	2L:+:27917108-27917149;2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_82352	AADYETLHELGTICIMCNDSAIDFNETK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C14(Carbamidomethyl), C17(Carbamidomethyl),"C14(Carbamidomethyl), M16(Oxidation), C17(Carbamidomethyl)"	97	1.47E-09	1	3231.427	-0.33	Visceras	2L:+:27917657-27917740;2L:+:27917657-27917740;2L:+:27917657-27917740	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_83373	EVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	47	0.000450734	2	945.498	-1.66	Pupa	2L:+:27918263-27918286;2L:+:27918263-27918286;2L:+:27918263-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_83901	YGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	68	2.55E-06	2	1303.614	-1.89	Pupa	2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_84144	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	69	2.01E-06	1	1202.618	0.95	Pupa	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_84314	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	123	3.80E-12	2	1543.859	0.78	Male reproductive organs	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_84352	AEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M7(Oxidation)	63	6.94E-06	2	1391.724	2.57	Larva	2L:+:27918587-27918631;2L:+:27918587-27918631;2L:+:27918587-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_84470	TGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M9(Oxidation)	90	1.75E-08	1	1395.692	1.42	Visceras	2L:+:27917504-27917542;2L:+:27917504-27917542;2L:+:27917504-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_84562	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	79	1.82E-07	1	2024.952	2.05	Salivary gland	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_84569	GLSLDQVKEYQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	97	2.68E-09	1	1407.750	1.63	Head	2L:+:27903112-27903147;2L:+:27903112-27903147	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_84612	SLPSVETLGCTSVICSDKTGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl),"C10(Carbamidomethyl), C15(Carbamidomethyl), M27(Oxidation)"	94	5.40E-09	1	3345.603	1.76	Ovary	2L:+:27917450-27917542;2L:+:27917450-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_85003	TGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M9(Oxidation)	86	3.40E-08	2	1395.690	0.46	Head	2L:+:27917504-27917542;2L:+:27917504-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_85689	NAESAIEALK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	37	0.003484727	2	1045.553	0.88	Malpighian tubule	2L:+:27916778-27916807;2L:+:27916778-27916807	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_85887	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	61	1.00E-05	2	1324.602	0.09	Ovary	2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_86010	TPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	34	0.002436541	2	714.414	-0.88	Head	2L:+:27917186-27917203;2L:+:27917186-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_86363	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	3.96E-08	2	1299.768	4.01	Larva	2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_87181	HTDAVPDPR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	48	0.000239452	2	1007.487	-4	Head	2L:+:27917015-27917041;2L:+:27917015-27917041	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_87326	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	76	3.08E-07	1	1324.602	0.28	Pupa	2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_87473	ADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	66	3.97E-06	2	1510.771	1.29	Visceras	2L:+:27919001-27919038,27919122-27919122;2L:+:27919001-27919038,27919122-27919122;2L:+:27919001-27919038,27919122-27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_87482	VIVITGDNK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	54	6.65E-05	2	958.556	-0.58	Visceras	2L:+:27918308-27918334;2L:+:27918308-27918334;2L:+:27918308-27918334	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_88032	EIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	52	7.23E-05	2	1541.811	3.57	Salivary gland	2L:+:27916877-27916921;2L:+:27916877-27916921;2L:+:27916877-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_88779	GAPEGVLER	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	46	0.000196466	2	927.493	4.09	Larva	2L:+:27917993-27918019;2L:+:27917993-27918019;2L:+:27917993-27918019	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_88798	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	94	6.93E-09	2	1952.935	2.58	Salivary gland	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_89258	EFTLEFSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	53	4.19E-05	2	1028.506	1.45	Larva	2L:+:27917891-27917914;2L:+:27917891-27917914;2L:+:27917891-27917914	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_89535	LNPFNVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	40	0.001519695	2	902.508	-1.45	Head	2L:+:27917801-27917824;2L:+:27917801-27917824;2L:+:27917801-27917824	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_89814	VIVITGDNK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	53	8.47E-05	2	958.556	-0.65	Salivary gland	2L:+:27918308-27918334;2L:+:27918308-27918334;2L:+:27918308-27918334	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_90118	TEMSETEEIKTPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation)	94	7.21E-09	1	1907.929	1.44	Larva	2L:+:27917156-27917203;2L:+:27917156-27917203;2L:+:27917156-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_91034	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	120	1.58E-11	1	1952.926	-2.3	Head	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_92555	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	73	5.05E-07	2	1367.632	-0.25	Midgut	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_92668	KAEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation)	85	3.98E-08	2	1519.816	0.58	Pupa	2L:+:27918584-27918631;2L:+:27918584-27918631;2L:+:27918584-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_92698	AKEIVPGDVVEVSVGDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	51	5.61E-05	1	1740.941	1.64	Visceras	2L:+:27916871-27916921;2L:+:27916871-27916921;2L:+:27916871-27916921	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_92774	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	133	7.80E-13	1	2008.964	5.34	Malpighian tubule	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_93025	EVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	40	0.001949486	2	945.498	-1.73	Salivary gland	2L:+:27918263-27918286;2L:+:27918263-27918286;2L:+:27918263-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_93743	EFTLEFSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	60	9.66E-06	2	1028.504	-0.45	Visceras	2L:+:27917891-27917914;2L:+:27917891-27917914;2L:+:27917891-27917914	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_93871	VPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	55	1.83E-05	1	899.557	0.67	Pupa	2L:+:27918050-27918073;2L:+:27918050-27918073;2L:+:27918050-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_94198	IGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	103	6.00E-10	1	1367.638	4.12	Malpighian tubule	2L:+:27918362-27918400;2L:+:27918362-27918400;2L:+:27918362-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_94464	IEGNDSSFTEFEISGSTYEPIGEVTLNGQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	122	6.85E-12	1	3276.526	2.39	Head	2L:+:27917561-27917650;2L:+:27917561-27917650;2L:+:27917561-27917650	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_94914	ARGVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	58	5.02E-06	2	1526.900	-0.7	Head	2L:+:27917102-27917149;2L:+:27917102-27917149;2L:+:27917102-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_94939	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	88	2.18E-08	1	1952.925	-2.55	Ovary	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_95677	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	106	3.32E-10	1	2024.947	-0.75	Ovary	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_96081	KNILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	84	2.47E-08	1	1419.796	0.39	Head	2L:+:27917060-27917101;2L:+:27917060-27917101;2L:+:27917060-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_97001	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	76	4.12E-07	1	1952.925	-2.67	Larva	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_97123	KADEGLISGWLFFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	52	6.38E-05	3	1638.863	-0.61	Midgut	2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122;2L:+:27918998-27919038,27919122	exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PE;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP006186-PA
JHU_Ag_97414	KSMSSYCTPLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation), C7(Carbamidomethyl)	41	0.000939259	2	1317.622	2.92	Larva	2L:+:27917921-27917953;2L:+:27917921-27917953;2L:+:27917921-27917953	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_97624	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	87	3.50E-09	2	1485.888	-3.38	Midgut	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_97670	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	84	6.62E-08	1	2397.115	-3.61	Midgut	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_98118	IYSTTIRIDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	83	1.61E-08	1	2423.352	5.16	Malpighian tubule	2L:+:27916949-27917014;2L:+:27916949-27917014;2L:+:27916949-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_98848	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	78	2.23E-07	1	1202.617	0.24	Ovary	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_99601	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	41	0.001030035	1	1523.737	2.24	Malpighian tubule	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_100401	GVVIGTGLNTAIGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	87	9.13E-09	1	1299.764	0.72	Ovary	2L:+:27917108-27917149;2L:+:27917108-27917149;2L:+:27917108-27917149	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_100475	RSSAICVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C6(Carbamidomethyl)	43	0.000774421	2	948.504	-0.67	Head	2L:+:27917840-27917863;2L:+:27917840-27917863;2L:+:27917840-27917863	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_100653	EFTLEFSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	38	0.001625566	2	1028.505	-0.09	Midgut	2L:+:27917891-27917914;2L:+:27917891-27917914;2L:+:27917891-27917914	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_100674	GAVYYFK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	42	0.001334478	2	847.436	1.63	Visceras	2L:+:27917318-27917338;2L:+:27917318-27917338;2L:+:27917318-27917338	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_101153	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	133	3.39E-13	1	2207.195	1.23	Pupa	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_101240	TVDEVLSHFR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	78	2.35E-07	1	1202.619	1.86	Male reproductive organs	2L:+:27903067-27903096;2L:+:27903067-27903096;2L:+:27903067-27903096	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_101535	SSAICVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C5(Carbamidomethyl)	47	0.000416792	2	792.404	0.57	Visceras	2L:+:27917843-27917863;2L:+:27917843-27917863;2L:+:27917843-27917863	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_101909	NILFSGTNVAAGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	68	1.66E-06	2	1291.707	4.97	Malpighian tubule	2L:+:27917063-27917101;2L:+:27917063-27917101;2L:+:27917063-27917101	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_102478	VGEATETALIVLAEK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	104	2.89E-10	2	1543.857	-0.56	Midgut	2L:+:27917756-27917800;2L:+:27917756-27917800;2L:+:27917756-27917800	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_102541	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	111	5.47E-11	1	1588.887	4.85	Malpighian tubule	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_102838	VIVITGDNKATAEAICR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C16(Carbamidomethyl)	131	8.32E-13	1	1830.981	3.59	Malpighian tubule	2L:+:27918308-27918358;2L:+:27918308-27918358;2L:+:27918308-27918358	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_103155	IVEFLQSMNEISAMTGDGVNDAPALKK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation), M14(Oxidation)	43	0.000684437	1	2910.429	2.1	Salivary gland	2L:+:27918506-27918586;2L:+:27918506-27918586;2L:+:27918506-27918586	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_104172	GAPEGVLER	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	64	2.97E-06	1	927.489	-0.06	Head	2L:+:27917993-27918019;2L:+:27917993-27918019;2L:+:27917993-27918019	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_104312	VGSTKVPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	1.79E-08	1	1371.825	3.17	Malpighian tubule	2L:+:27918035-27918073;2L:+:27918035-27918073;2L:+:27918035-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_104413	TEMSETEEIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	39	0.001345153	2	1196.539	2.88	Visceras	2L:+:27917156-27917185;2L:+:27917156-27917185;2L:+:27917156-27917185	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_105664	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	66	3.10E-06	2	1324.603	0.83	Malpighian tubule	2L:+:27918416-27918448;2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_108130	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	40	0.00156409	1	1523.738	2.71	Male reproductive organs	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_108505	ATAEAICR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C7(Carbamidomethyl)	52	9.45E-05	2	891.434	-1.41	Head	2L:+:27918335-27918358;2L:+:27918335-27918358;2L:+:27918335-27918358	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_108882	YGPNELPAEEGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	70	1.48E-06	2	1303.614	-1.61	Head	2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280;2L:+:27903151-27903163,27915276-27915280	exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PE;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PB;exon=> In CDS Exon 1 and 3 of transcript AGAP006186-PA
JHU_Ag_108961	TEMSETEEIKTPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation)	102	1.01E-09	1	1891.931	-0.46	Visceras	2L:+:27917156-27917203;2L:+:27917156-27917203;2L:+:27917156-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_109118	IDQSILTGESVSVIK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	89	1.00E-08	1	1588.881	0.86	Ovary	2L:+:27916970-27917014;2L:+:27916970-27917014;2L:+:27916970-27917014	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_109893	RIGVFGEDEDTTGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	72	8.86E-07	1	1523.731	-1.6	Pupa	2L:+:27918359-27918400;2L:+:27918359-27918400;2L:+:27918359-27918400	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_110516	KAEIGIAMGSGTAVAK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M8(Oxidation)	46	0.000310388	2	1519.813	-1.02	Ovary	2L:+:27918584-27918631;2L:+:27918584-27918631;2L:+:27918584-27918631	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_111622	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	73	4.64E-08	1	1485.894	0.89	Ovary	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_112292	SMSSYCTPLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C6(Carbamidomethyl),"M2(Oxidation),C6(Carbamidomethyl)"	63	4.42E-06	2	1189.527	3.54	Visceras	2L:+:27917924-27917953;2L:+:27917924-27917953;2L:+:27917924-27917953	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_112502	VIVITGDNK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	64	6.08E-06	1	958.556	-1.09	Pupa	2L:+:27918308-27918334;2L:+:27918308-27918334;2L:+:27918308-27918334	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_112730	VGSTKVPLTQTLK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	91	1.78E-09	1	1371.821	0.05	Pupa	2L:+:27918035-27918073;2L:+:27918035-27918073;2L:+:27918035-27918073	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_112794	TGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M9(Oxidation)	83	6.71E-08	2	1411.685	-0.01	Pupa	2L:+:27917504-27917542;2L:+:27917504-27917542;2L:+:27917504-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_112901	NAESAIEALKEYEPEMGK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M16(Oxidation)	119	1.96E-11	1	2008.958	2.3	Pupa	2L:+:27916778-27916831;2L:+:27916778-27916831;2L:+:27916778-27916831	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_113802	TGTLTTNQMSVSR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M9(Oxidation)	61	9.80E-06	1	1411.686	0.77	Salivary gland	2L:+:27917504-27917542;2L:+:27917504-27917542;2L:+:27917504-27917542	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_114154	SAAEMVLADDNFSSIVAAVEEGR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M5(Oxidation)	143	7.24E-14	1	2381.139	4.25	Visceras	2L:+:27918632-27918700;2L:+:27918632-27918700;2L:+:27918632-27918700	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_114426	SLPSVETLGCTSVICSDK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	C10(Carbamidomethyl),C15(Carbamidomethyl)	124	6.61E-12	1	1952.931	0.51	Visceras	2L:+:27917450-27917503;2L:+:27917450-27917503;2L:+:27917450-27917503	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_114680	EFDDLSVSEQR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	88	2.15E-08	2	1324.602	0.46	Head	2L:+:27918416-27918448;2L:+:27918416-27918448;2L:+:27918416-27918448	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_115073	FSLPVVLLDEILK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	80	8.80E-09	1	1485.896	1.87	Pupa	2L:+:27919713-27919751;2L:+:27919713-27919751;2L:+:27919713-27919751	exon=> In CDS Exon 8 of transcript AGAP006186-PE;exon=> In CDS Exon 8 of transcript AGAP006186-PB;exon=> In CDS Exon 8 of transcript AGAP006186-PA
JHU_Ag_115913	LDEFGEQLSK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	90	1.59E-08	2	1165.573	-0.48	Visceras	2L:+:27917204-27917233;2L:+:27917204-27917233;2L:+:27917204-27917233	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_116618	EIVPGDVVEVSVGDKIPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	82	3.30E-08	1	2207.204	5.65	Salivary gland	2L:+:27916877-27916939;2L:+:27916877-27916939;2L:+:27916877-27916939	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_117242	EVQDSIVR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	40	0.001853 19	1	945.499	-1.07	Head	2L:+:27918263-27918286;2L:+:27918263-27918286;2L:+:27918263-27918286	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_117676	TVDEVLSHFRVDPER	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	85	4.59E-08	1	1798.916	4.47	Malpighian tubule	2L:+:27903067-27903111;2L:+:27903067-27903111;2L:+:27903067-27903111	exon=> In CDS Exon 1 of transcript AGAP006186-PE;exon=> In CDS Exon 1 of transcript AGAP006186-PB;exon=> In CDS Exon 1 of transcript AGAP006186-PA
JHU_Ag_117693	TEMSETEEIKTPLQQK	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	M3(Oxidation)	64	7.33E-06	1	1907.927	-0.1	Ovary	2L:+:27917156-27917203;2L:+:27917156-27917203;2L:+:27917156-27917203	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_29771	IPADIR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA,AGAP002858-PA,AGAP002858-PB,AGAP002858-PC,AGAP002858-PD	-	30	0.004087796	1	684.404	-0.28	Midgut	2L:+:27916922-27916939;2L:+:27916922-27916939;2R:+:28373496-28373513;2R:+:28373496-28373513;2R:+:28373496-28373513;2R:+:28373496-28373513	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PA;exon=> In CDS Exon 3 of transcript AGAP002858-PB;exon=> In CDS Exon 5 of transcript AGAP002858-PC;exon=> In CDS Exon 3 of transcript AGAP002858-PD
JHU_Ag_15236	ILDLTR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA,AGAP010040-PA	-	43	0.000730151	2	730.447	1.07	Visceras	2L:+:27918080-27918097;2L:+:27918080-27918097;2L:+:27918080-27918097;3R:+:48123339-48123356	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA;exon=> In CDS Exon 1 of transcript AGAP010040-PA

JHU_Ag_87709	ILDLTR	AGAP006186-PE,AGAP006186-PB,AGAP006186-PA,AGAP010040-PA	-	44	0.000633 67	2	730.448	2.82	Larva	2L:+:27918080-27918097;2L:+:27918080-27918097;2L:+:27918080-27918097;3R:+:48123339-48123356	exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA;exon=> In CDS Exon 1 of transcript AGAP010040-PA
JHU_Ag_90908	LTVINNR	AGAP006188-PA,AGAP006188-PB	N5(Deamidated),N6(Deamidated)	38	0.002540 816	2	830.479	7.12	Visceras	2L:-:27940408-27940388;2L:-:27940408-27940388	exon=> In CDS Exon 7 of transcript AGAP006188-PA;exon=> In CDS Exon 5 of transcript AGAP006188-PB
JHU_Ag_6785	YLDWLR	AGAP006192-PA	-	40	0.000909 334	2	865.458	1.29	Pupa	2L:-:28210795-28210778	exon=> In CDS Exon 2 of transcript AGAP006192-PA
JHU_Ag_3006	IPANYMAFNR	AGAP006194-PA	-	58	1.85E-05	1	1196.587	-0.58	Midgut	2L:-:28213604-28213575	exon=> In CDS Exon 3 of transcript AGAP006194-PA
JHU_Ag_10646	SQFPYDSNVIEIVLGGWR	AGAP006194-PA	-	113	6.75E-11	1	2080.049	-0.61	Midgut	2L:-:28213937-28214098,28213533-28213809	exon=> In CDS Exon 3 and 2 of transcript AGAP006194-PA
JHU_Ag_31124	FAVLGPMDGHLR	AGAP006194-PA	M7(Oxidation)	39	0.001339 313	1	1312.684	0.59	Malpighian tubule	2L:-:28213982-28213947	exon=> In CDS Exon 2 of transcript AGAP006194-PA
JHU_Ag_70179	FAVLGPMDGHLR	AGAP006194-PA	M7(Oxidation)	52	9.46E-05	2	1328.677	-1.03	Midgut	2L:-:28213982-28213947	exon=> In CDS Exon 2 of transcript AGAP006194-PA
JHU_Ag_69297	IDGQPQPFLSFQDSSR	AGAP006194-PA,AGAP006199-PA	-	84	6.05E-08	1	1821.883	3.32	Malpighian tubule	2L:-:28213652-28213605;2L:-:28222339-28222292	exon=> In CDS Exon 3 of transcript AGAP006194-PA;exon=> In CDS Exon 3 of transcript AGAP006199-PA
JHU_Ag_80476	IDGQPQPFLSFQDSSR	AGAP006194-PA,AGAP006199-PA	-	39	0.001918 015	1	1821.881	2.19	Visceras	2L:-:28213652-28213605;2L:-:28222339-28222292	exon=> In CDS Exon 3 of transcript AGAP006194-PA;exon=> In CDS Exon 3 of transcript AGAP006199-PA
JHU_Ag_87540	IDGQPQPFLSFQDSSR	AGAP006194-PA,AGAP006199-PA	-	110	1.26E-10	1	1821.879	1.31	Midgut	2L:-:28213652-28213605;2L:-:28222339-28222292	exon=> In CDS Exon 3 of transcript AGAP006194-PA;exon=> In CDS Exon 3 of transcript AGAP006199-PA
JHU_Ag_5507	IEGQDYPFLLFNDAK	AGAP006195-PA	-	91	1.03E-08	2	1769.882	4.28	Midgut	2L:-:28215361-28215317	exon=> In CDS Exon 3 of transcript AGAP006195-PA
JHU_Ag_55813	IEGQDYPFLLFNDAKK	AGAP006195-PA	-	44	0.000495 133	1	1897.971	0.64	Midgut	2L:-:28215361-28215314	exon=> In CDS Exon 3 of transcript AGAP006195-PA
JHU_Ag_60742	QYGNVANYDDPLTYIPTK	AGAP006195-PA	-	78	2.59E-07	2	2071.998	0.21	Midgut	2L:-:28215776-28215723	exon=> In CDS Exon 2 of transcript AGAP006195-PA
JHU_Ag_62570	DVIEIVLGGWTNTQSAGR	AGAP006195-PA	-	83	7.32E-08	2	1915.995	3.84	Midgut	2L:-:28215611-28215793,28215194-28215497	exon=> In CDS Exon 3 and 2 of transcript AGAP006195-PA
JHU_Ag_7967	FAVLGPSDGHLR	AGAP006199-PA	-	65	3.35E-06	1	1268.678	2.27	Malpighian tubule	2L:-:28222667-28222632	exon=> In CDS Exon 2 of transcript AGAP006199-PA
JHU_Ag_1958	FEHFTQAIR	AGAP006205-PA	-	41	0.001341 772	2	1148.585	-0.21	Ovary	2L:+:28237613-28237639	exon=> In CDS Exon 6 of transcript AGAP006205-PA
JHU_Ag_8964	ISDTIDYGELAK	AGAP006205-PA	-	53	8.08E-05	2	1324.665	1.19	Salivary gland	2L:+:28235780-28235815	exon=> In CDS Exon 4 of transcript AGAP006205-PA
JHU_Ag_13472	LKLLGLTAPSGVLLCGPPGCGK	AGAP006205-PA	C15(Carbamidomethyl),C20(Carbamidomethyl)	44	0.000105 424	1	2208.232	3.25	Malpighian tubule	2L:+:28236852-28236917	exon=> In CDS Exon 5 of transcript AGAP006205-PA
JHU_Ag_21347	LLGLTAPSGVLLCGPPGCGK	AGAP006205-PA	C13(Carbamidomethyl),C18(Carbamidomethyl)	95	2.82E-09	2	1967.047	0.6	Ovary	2L:+:28236858-28236917	exon=> In CDS Exon 5 of transcript AGAP006205-PA

JHU_Ag_22383	ATEAVSESVSGGEK	AGAP006205-PA	-	75	5.08E-07	2	1350.640	0.87	Ovary	2L:+:28234606-28234647	exon=> In CDS Exon 2 of transcript AGAP006205-PA
JHU_Ag_26238	TLLAQAIAGQLNVR	AGAP006205-PA	-	35	0.001021292	2	1467.864	0.03	Male reproductive organs	2L:+:28235285-28235311,28235384-28235398	exon=> In CDS Exon 3 and 4 of transcript AGAP006205-PA
JHU_Ag_27840	VGRFDQEISLGIPDR	AGAP006205-PA	-	48	0.000193791	1	1701.894	1.25	Ovary	2L:+:28235690-28235734	exon=> In CDS Exon 4 of transcript AGAP006205-PA
JHU_Ag_28072	LAILAPVK	AGAP006205-PA	-	33	8.21E-05	2	824.561	0.1	Ovary	2L:+:28236816-28236839	exon=> In CDS Exon 5 of transcript AGAP006205-PA
JHU_Ag_28424	TLLAQAIAGQLNVR	AGAP006205-PA	-	103	1.64E-10	2	1467.874	6.52	Malpighian tubule	2L:+:28235285-28235311,28235384-28235398	exon=> In CDS Exon 3 and 4 of transcript AGAP006205-PA
JHU_Ag_28865	ILYVGLPAKEDR	AGAP006205-PA	-	60	5.85E-06	2	1373.780	0.58	Ovary	2L:+:28237343-28237378	exon=> In CDS Exon 6 of transcript AGAP006205-PA
JHU_Ag_32028	VVNQLLTEMDGIEER	AGAP006205-PA	M9(Oxidation)	83	9.12E-08	2	1745.874	0.3	Ovary	2L:+:28237217-28237261	exon=> In CDS Exon 6 of transcript AGAP006205-PA
JHU_Ag_35097	LLVEEAYR	AGAP006205-PA	-	34	0.004946907	2	992.540	-0.84	Ovary	2L:+:28234294-28234317	exon=> In CDS Exon 2 of transcript AGAP006205-PA
JHU_Ag_39608	LAILAPVKFPHR	AGAP006205-PA	-	31	0.000383012	1	1361.846	3.43	Malpighian tubule	2L:+:28236816-28236851	exon=> In CDS Exon 5 of transcript AGAP006205-PA
JHU_Ag_41064	VAELTEGYTGADLAGLVR	AGAP006205-PA	-	42	0.000642148	2	1834.966	6.07	Head	2L:+:28237451-28237504	exon=> In CDS Exon 6 of transcript AGAP006205-PA
JHU_Ag_44658	LTPGYVGADLLALAIR	AGAP006205-PA	-	119	2.82E-12	1	1642.954	0.85	Ovary	2L:+:28235816-28235863	exon=> In CDS Exon 4 of transcript AGAP006205-PA
JHU_Ag_45359	EADGADTTVSKPSSVPQK	AGAP006205-PA	-	88	2.55E-08	1	1816.893	0.06	Ovary	2L:+:28236546-28236599	exon=> In CDS Exon 5 of transcript AGAP006205-PA
JHU_Ag_45880	NSAPCVIFFDEFDSLCPK	AGAP006205-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	62	6.02E-06	1	2145.958	-1.77	Ovary	2L:+:28237127-28237180	exon=> In CDS Exon 6 of transcript AGAP006205-PA
JHU_Ag_45894	ISDTIDYGELAK	AGAP006205-PA	-	86	3.72E-08	2	1324.664	0.36	Ovary	2L:+:28235780-28235815	exon=> In CDS Exon 4 of transcript AGAP006205-PA
JHU_Ag_49146	ISDTIDYGELAK	AGAP006205-PA	-	48	0.000215838	2	1324.669	4.6	Malpighian tubule	2L:+:28235780-28235815	exon=> In CDS Exon 4 of transcript AGAP006205-PA
JHU_Ag_56891	VAELTEGYTGADLAGLVR	AGAP006205-PA	-	109	1.44E-10	2	1834.960	2.81	Ovary	2L:+:28237451-28237504	exon=> In CDS Exon 6 of transcript AGAP006205-PA
JHU_Ag_60373	LIEVPATELVAGVSGESEER	AGAP006205-PA	-	118	2.26E-11	1	2085.072	0.57	Ovary	2L:+:28235399-28235458	exon=> In CDS Exon 4 of transcript AGAP006205-PA
JHU_Ag_68995	LAILAPVKFPHR	AGAP006205-PA	-	50	4.21E-06	1	1361.841	-0.4	Ovary	2L:+:28236816-28236851	exon=> In CDS Exon 5 of transcript AGAP006205-PA
JHU_Ag_81824	LEGLCIERDDFIEALK	AGAP006205-PA	C5(Carbamidomethyl)	70	1.67E-06	1	1920.975	0.71	Ovary	2L:+:28236669-28236716	exon=> In CDS Exon 5 of transcript AGAP006205-PA
JHU_Ag_84239	TLLAQAIAGQLNVR	AGAP006205-PA	-	102	1.79E-10	2	1467.865	0.61	Ovary	2L:+:28235285-28235311,28235384-28235398	exon=> In CDS Exon 3 and 4 of transcript AGAP006205-PA
JHU_Ag_85623	LIEVPATELVAGVSGESEER	AGAP006205-PA	-	74	5.75E-07	1	2085.079	3.85	Malpighian tubule	2L:+:28235399-28235458	exon=> In CDS Exon 4 of transcript AGAP006205-PA
JHU_Ag_87009	AVANEAGINFISVKGPELLNMYVGESER	AGAP006205-PA	M21(Oxidation)	62	7.64E-06	1	3023.516	0.47	Malpighian tubule	2L:+:28236933-28236995,28237076-28237096	exon=> In CDS Exon 5 and 6 of transcript AGAP006205-PA
JHU_Ag_104807	GFLLHGPPGSGK	AGAP006205-PA	-	51	5.61E-05	1	1166.632	0.44	Ovary	2L:+:28235249-28235284	exon=> In CDS Exon 3 of transcript AGAP006205-PA
JHU_Ag_104855	NLCELLLHVIHPEIYR	AGAP006205-PA	C3(Carbamidomethyl)	97	1.40E-09	1	2019.091	3.21	Ovary	2L:+:28235177-28235224	exon=> In CDS Exon 3 of transcript AGAP006205-PA
JHU_Ag_116102	AVANEAGINFISVK	AGAP006205-PA	-	82	7.32E-08	1	1432.781	0.89	Ovary	2L:+:28236933-28236974	exon=> In CDS Exon 5 of transcript AGAP006205-PA
JHU_Ag_60046	IEVFSR	AGAP006206-PA	-	43	0.000484896	2	750.414	-0.44	Pupa	2L:-:28240221-28240204	exon=> In CDS Exon 4 of transcript AGAP006206-PA

JHU_Ag_6915	AIRDELLR	AGAP006206-PB	-	39	0.001332673	2	985.578	-1.17	Pupa	2L:-:28242054-28242031	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_7919	AIRDELLR	AGAP006206-PB	-	36	0.002508201	1	985.581	1.92	Malpighian tubule	2L:-:28242054-28242031	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_10365	NCVGVDGNR	AGAP006206-PB	C2(Carbamidomethyl)	37	0.001196333	2	990.442	-0.14	Male reproductive organs	2L:-:28242177-28242151	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_12477	AIRDELLR	AGAP006206-PB	-	46	0.000289991	1	985.579	-0.12	Midgut	2L:-:28242054-28242031	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_22565	YSSFVTVAEIGK	AGAP006206-PB	-	44	0.000534402	1	1300.685	4.94	Midgut	2L:-:28242510-28242475	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_47169	EWAAPAMAMYLISELVENAAQHQDLLAGLTWTIVPIANPDGYEYSHER	AGAP006206-PB	M7(Oxidation), M9(Oxidation)	42	0.000452976	1	5416.602	1.63	Midgut	2L:-:28242360-28242217	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_55305	IEEIVK	AGAP006206-PB	-	44	0.00027404	1	730.435	0	Midgut	2L:-:28241724-28241707	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_56924	IEEIVKETFVGVR	AGAP006206-PB	-	87	1.43E-08	1	1518.852	-0.32	Male reproductive organs	2L:-:28241724-28241686	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_58825	SYEGRPIPAVTIQSPSLYK	AGAP006206-PB	-	92	4.43E-09	1	2106.126	1.41	Male reproductive organs	2L:-:28242474-28242418	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_68471	KYSSFVTVAEIGK	AGAP006206-PB	-	94	3.68E-09	1	1428.773	-0.08	Midgut	2L:-:28242513-28242475	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_82098	YSSFVTVAEIGK	AGAP006206-PB	-	77	3.09E-07	2	1300.679	0.28	Male reproductive organs	2L:-:28242510-28242475	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_87139	IEEIVKETFVGVR	AGAP006206-PB	-	87	1.54E-08	1	1518.853	-0.08	Midgut	2L:-:28241724-28241686	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_87990	NCVGVDGNR	AGAP006206-PB	C2(Carbamidomethyl)	46	0.000153644	1	990.441	-0.82	Midgut	2L:-:28242177-28242151	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_91947	AIRDELLR	AGAP006206-PB	-	51	7.81E-05	2	985.578	-1.23	Male reproductive organs	2L:-:28242054-28242031	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_96398	AMALEVAR	AGAP006206-PB	M2(Oxidation)	46	0.000440229	2	876.461	-0.31	Midgut	2L:-:28241685-28241662	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_97886	KYSSFVTVAEIGK	AGAP006206-PB	-	88	1.65E-08	2	1428.774	0.43	Male reproductive organs	2L:-:28242513-28242475	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_102607	SYEGRPIPAVTIQSPSLYK	AGAP006206-PB	-	92	4.65E-09	1	2106.120	-1.25	Midgut	2L:-:28242474-28242418	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_111053	IEEIVK	AGAP006206-PB	-	44	0.000612935	1	730.437	3.17	Male reproductive organs	2L:-:28241724-28241707	exon=> In CDS Exon 3 of transcript AGAP006206-PB
JHU_Ag_18834	VTPSQGLPLNK	AGAP006206-PB,AGAP006206-PA	-	47	0.000116195	1	1153.658	0.31	Midgut	2L:-:28242594-28242562;2L:-:28242594-28242562	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_26721	VQDDHLYGTKR	AGAP006206-PB,AGAP006206-PA	-	55	5.91E-05	1	1331.668	-1.79	Male reproductive organs	2L:-:28242627-28242595;2L:-:28242627-28242595	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_32844	YNEMIDYINTLAK	AGAP006206-PB,AGAP006206-PA	M4(Oxidation)	97	2.76E-09	2	1603.766	-1.08	Midgut	2L:-:28242552-28242514;2L:-:28242552-28242514	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_38524	ELQQSAQDLDFWQLDR	AGAP006206-PB,AGAP006206-PA	-	122	1.10E-11	1	1991.946	0.13	Male reproductive organs	2L:-:28242860-28242813;2L:-:28242860-28242813	exon=> In CDS Exon 2 of transcript AGAP006206-PB;exon=> In CDS Exon 2 of transcript AGAP006206-PA

JHU_Ag_52495	VTPSQGLPLNKYLR	AGAP006206-PB,AGAP006206-PA	-	37	0.000755884	1	1585.910	2.66	Malpighian tubule	2L:-:28242594-28242553;2L:-:28242594-28242553	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_53732	VLVPPAQLDYFR	AGAP006206-PB,AGAP006206-PA	-	41	0.000730161	1	1417.783	-0.27	Male reproductive organs	2L:-:28242791-28242756;2L:-:28242791-28242756	exon=> In CDS Exon 2 of transcript AGAP006206-PB;exon=> In CDS Exon 2 of transcript AGAP006206-PA
JHU_Ag_54666	ELQQSAQDLDFWQLDR	AGAP006206-PB,AGAP006206-PA	-	119	2.14E-11	1	1991.944	-0.97	Midgut	2L:-:28242860-28242813;2L:-:28242860-28242813	exon=> In CDS Exon 2 of transcript AGAP006206-PB;exon=> In CDS Exon 2 of transcript AGAP006206-PA
JHU_Ag_60472	LYSVEQNNQQQVDFLR	AGAP006206-PB,AGAP006206-PA	-	128	2.77E-12	1	1980.980	1.43	Midgut	2L:-:28242908-28242861;2L:-:28242908-28242861	exon=> In CDS Exon 2 of transcript AGAP006206-PB;exon=> In CDS Exon 2 of transcript AGAP006206-PA
JHU_Ag_72155	VQDDHLYGTK	AGAP006206-PB,AGAP006206-PA	-	61	1.26E-05	2	1175.567	-1.78	Male reproductive organs	2L:-:28242627-28242598;2L:-:28242627-28242598	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_72211	ELIHDFER	AGAP006206-PB,AGAP006206-PA	-	53	6.19E-05	1	1058.527	0.19	Male reproductive organs	2L:-:28242722-28242915,28241650-28242628;2L:-:28242722-28242915,28242493-28242628	exon=> In CDS Exon 3 and 2 of transcript AGAP006206-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP006206-PA
JHU_Ag_75412	LYSVEQNNQQQVDFLR	AGAP006206-PB,AGAP006206-PA	-	135	5.08E-13	1	1980.977	-0.05	Male reproductive organs	2L:-:28242908-28242861;2L:-:28242908-28242861	exon=> In CDS Exon 2 of transcript AGAP006206-PB;exon=> In CDS Exon 2 of transcript AGAP006206-PA
JHU_Ag_90675	YNEMIDYINTLAK	AGAP006206-PB,AGAP006206-PA	-	65	4.55E-06	2	1587.776	2.55	Malpighian tubule	2L:-:28242552-28242514;2L:-:28242552-28242514	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_92418	VQDDHLYGTK	AGAP006206-PB,AGAP006206-PA	-	57	3.09E-05	2	1175.565	-3.24	Midgut	2L:-:28242627-28242598;2L:-:28242627-28242598	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_98948	RVTPSQGLPLNK	AGAP006206-PB,AGAP006206-PA	-	59	3.66E-06	1	1309.758	-0.66	Midgut	2L:-:28242597-28242562;2L:-:28242597-28242562	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_107916	ELQQSAQDLDFWQLDRLVGSEAR	AGAP006206-PB,AGAP006206-PA	Q13(Deamidated),Q7(Deamidated)	42	0.001117141	1	2705.304	-4.69	Male reproductive organs	2L:-:28242860-28242792;2L:-:28242860-28242792	exon=> In CDS Exon 2 of transcript AGAP006206-PB;exon=> In CDS Exon 2 of transcript AGAP006206-PA
JHU_Ag_113733	YNEMIDYINTLAK	AGAP006206-PB,AGAP006206-PA	M4(Oxidation)	98	2.27E-09	1	1603.768	0.44	Male reproductive organs	2L:-:28242552-28242514;2L:-:28242552-28242514	exon=> In CDS Exon 3 of transcript AGAP006206-PB;exon=> In CDS Exon 3 of transcript AGAP006206-PA
JHU_Ag_40374	YAYTLELTGGGR	AGAP006207-PA	-	70	1.21E-06	2	1300.659	4.8	Larva	2L:+:28256234-28256269	exon=> In CDS Exon 5 of transcript AGAP006207-PA
JHU_Ag_45355	VATIGTTHEGRPIK	AGAP006207-PA	-	79	5.80E-08	1	1479.833	3.59	Larva	2L:+:28255416-28255457	exon=> In CDS Exon 3 of transcript AGAP006207-PA
JHU_Ag_116609	FPATILCTGIDLNR	AGAP006207-PA	C7(Carbamidomethyl)	73	6.30E-07	1	1590.841	6.1	Larva	2L:+:28255759-28255800	exon=> In CDS Exon 4 of transcript AGAP006207-PA

JHU_Ag_4581	SPGNVLCYGVDLNR	AGAP006209-PA	C7(Carbamidomethyl)	121	1.29E-11	1	1563.767	5.31	Larva	2L:+:28259843-28259884	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_12452	ALIGLMDQYK	AGAP006209-PA	M6(Oxidation)	64	4.97E-06	2	1167.607	-0.35	Midgut	2L:+:28259972-28260001	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_18521	NRSPGNVLCYGVDLNR	AGAP006209-PA	C9(Carbamidomethyl)	53	9.15E-05	1	1833.902	-0.51	Midgut	2L:+:28259837-28259884	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_34012	VFGQHAGTLSVTS	AGAP006209-PA	-	64	7.00E-06	1	1303.663	-0.68	Midgut	2L:+:28260338-28260376	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_60589	SPGNVLCYGVDLNR	AGAP006209-PA	C7(Carbamidomethyl)	115	5.24E-11	1	1563.760	0.78	Midgut	2L:+:28259843-28259884	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_73313	TTSECTNNFAGHAASSENETK	AGAP006209-PA	C5(Carbamidomethyl)	89	5.55E-09	1	2255.954	3.1	Larva	2L:+:28259909-28259971	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_78748	SPGNVLCYGVDLNR	AGAP006209-PA	C7(Carbamidomethyl)	117	3.53E-11	1	1563.760	1.17	Pupa	2L:+:28259843-28259884	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_86243	TTSECTNNFAGHAASSENETK	AGAP006209-PA	C5(Carbamidomethyl)	97	7.95E-10	1	2255.945	-0.8	Pupa	2L:+:28259909-28259971	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_89543	TTSECTNNFAGHAASSENETK	AGAP006209-PA	C5(Carbamidomethyl)	132	2.30E-13	1	2255.940	-2.91	Midgut	2L:+:28259909-28259971	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_89857	VTSQTFELLK	AGAP006209-PA	-	36	0.002027969	2	1165.645	-1.53	Midgut	2L:+:28260308-28260337	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_112492	TTSECTNNFAGHAASSENETK	AGAP006209-PA	C5(Carbamidomethyl)	68	7.71E-07	1	2255.952	2.29	Malpighian tubule	2L:+:28259909-28259971	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_115082	ALIGLMDQYK	AGAP006209-PA	M6(Oxidation)	65	3.79E-06	1	1167.613	4.04	Larva	2L:+:28259972-28260001	exon=> In CDS Exon 4 of transcript AGAP006209-PA
JHU_Ag_65689	YGSNQYFR	AGAP006216-PB,AGAP006216-PA	-	62	6.44E-06	2	1034.468	-1.29	Midgut	2L:-:28472188-28472165;2L:-:28472188-28472165	exon=> In CDS Exon 1 of transcript AGAP006216-PB;exon=> In CDS Exon 1 of transcript AGAP006216-PA
JHU_Ag_10384	FGLYLR	AGAP006218-PA	-	32	0.003040965	1	768.440	-0.82	Head	2L:-:28476633-28476616	exon=> In CDS Exon 6 of transcript AGAP006218-PA
JHU_Ag_70481	FGLYLR	AGAP006218-PA	-	32	0.002873879	1	768.443	3	Malpighian tubule	2L:-:28476633-28476616	exon=> In CDS Exon 6 of transcript AGAP006218-PA
JHU_Ag_75879	FGLYLR	AGAP006218-PA	-	32	0.003040965	1	768.440	-0.5	Midgut	2L:-:28476633-28476616	exon=> In CDS Exon 6 of transcript AGAP006218-PA
JHU_Ag_91960	FGLYLR	AGAP006218-PA	-	32	0.003141216	1	768.440	-0.18	Male reproductive organs	2L:-:28476633-28476616	exon=> In CDS Exon 6 of transcript AGAP006218-PA
JHU_Ag_102773	FGLYLR	AGAP006218-PA	-	32	0.003141216	1	768.440	-0.18	Visceras	2L:-:28476633-28476616	exon=> In CDS Exon 6 of transcript AGAP006218-PA
JHU_Ag_8712	IDATDALKYPGVVAFYSAK	AGAP006220-PA	-	121	8.53E-12	1	2029.064	-0.08	Midgut	2L:+:28515841-28515861,28515929-28515964	exon=> In CDS Exon 7 and 8 of transcript AGAP006220-PA
JHU_Ag_9674	LTLVEAGGK	AGAP006220-PA	-	51	0.000103376	1	887.519	-0.27	Midgut	2L:+:28514993-28515002,28515077-28515093	exon=> In CDS Exon 5 and 6 of transcript AGAP006220-PA
JHU_Ag_9896	VSQVADIFAIFEQIGTKPYMLVAGNTAHGVYR	AGAP006220-PA	M20(Oxidation)	68	1.09E-06	1	3511.803	-0.5	Ovary	2L:+:28514526-28514610,28514673-28514683	exon=> In CDS Exon 4 and 5 of transcript AGAP006220-PA
JHU_Ag_12041	ISVDTSLNTFIR	AGAP006220-PA	-	91	7.50E-09	2	1365.739	1.19	Ovary	2L:+:28513856-28513891	exon=> In CDS Exon 3 of transcript AGAP006220-PA
JHU_Ag_17423	ISIKPTTSLTSPNAIVTGGSMTSEAVCYAVK	AGAP006220-PA	M21(Oxidation), C27(Carbamidomethyl)	100	1.01E-09	1	3199.623	0.12	Midgut	2L:+:28516870-28516953,28517021-28517029	exon=> In CDS Exon 9 and 10 of transcript AGAP006220-PA
JHU_Ag_18012	NQHHEFPSDMYLILEAVGAK	AGAP006220-PA	M10(Oxidation)	86	4.02E-08	1	2315.111	-0.53	Midgut	2L:+:28514933-28514992	exon=> In CDS Exon 5 of transcript AGAP006220-PA
JHU_Ag_21478	FTNDLPVQPGELYAAFVIATKPHTR	AGAP006220-PA	-	98	1.02E-09	1	2785.471	1.19	Ovary	2L:+:28515757-28515831	exon=> In CDS Exon 7 of transcript AGAP006220-PA

JHU_Ag_24245	DAGLADDWISMGTASTPDQVHLLAGNSIEQYK	AGAP006220-PA	M11(Oxidation)	48	0.000213388	3	3419.624	5.08	Larva	2L:+:28517576-28517671	exon=> In CDS Exon 10 of transcript AGAP006220-PA
JHU_Ag_29185	IEALAQTSGEAK	AGAP006220-PA	-	86	4.55E-08	1	1217.637	-0.31	Midgut	2L:+:28515721-28515756	exon=> In CDS Exon 7 of transcript AGAP006220-PA
JHU_Ag_29328	TDAPSNTWCR	AGAP006220-PA	C9(Carbamidomethyl)	66	1.39E-06	2	1207.517	0.36	Larva	2L:+:28516441-28516470	exon=> In CDS Exon 9 of transcript AGAP006220-PA
JHU_Ag_31885	FAEDGVTVESIR	AGAP006220-PA	-	82	1.14E-07	2	1322.658	-0.28	Midgut	2L:+:28515265-28515300	exon=> In CDS Exon 6 of transcript AGAP006220-PA
JHU_Ag_35714	AAQVAAYVLGLPLEK	AGAP006220-PA	-	27	0.006671575	1	1542.889	-0.08	Salivary gland	2L:+:28516825-28516869	exon=> In CDS Exon 9 of transcript AGAP006220-PA
JHU_Ag_40707	FAEDGVTVESIR	AGAP006220-PA	-	85	5.31E-08	1	1322.658	-0.37	Ovary	2L:+:28515265-28515300	exon=> In CDS Exon 6 of transcript AGAP006220-PA
JHU_Ag_41822	AAQVAAYVLGLPLEK	AGAP006220-PA	-	57	6.33E-06	2	1542.896	4.67	Larva	2L:+:28516825-28516869	exon=> In CDS Exon 9 of transcript AGAP006220-PA
JHU_Ag_43562	SVTLPALDDTHYVFR	AGAP006220-PA	-	79	1.91E-07	2	1733.887	0.79	Midgut	2L:+:28515154-28515198	exon=> In CDS Exon 6 of transcript AGAP006220-PA
JHU_Ag_46855	YLLNVAPDGTVLVKPSFR	AGAP006220-PA	-	29	0.004016262	1	1989.124	3.56	Ovary	2L:+:28515571-28515624	exon=> In CDS Exon 7 of transcript AGAP006220-PA
JHU_Ag_48136	SGGTVLERPLSSGQQSFDTYER	AGAP006220-PA	-	109	2.20E-10	1	2414.158	-0.05	Midgut	2L:+:28515625-28515690	exon=> In CDS Exon 7 of transcript AGAP006220-PA
JHU_Ag_56898	AAQVAAYVLGLPLEK	AGAP006220-PA	-	38	0.000527812	2	1542.893	2.22	Ovary	2L:+:28516825-28516869	exon=> In CDS Exon 9 of transcript AGAP006220-PA
JHU_Ag_60815	FAEDGVTVESIR	AGAP006220-PA	-	90	1.77E-08	1	1322.656	-2.03	Salivary gland	2L:+:28515265-28515300	exon=> In CDS Exon 6 of transcript AGAP006220-PA
JHU_Ag_67660	YLLNVAPDGTVLVKPSFR	AGAP006220-PA	-	124	1.66E-12	1	1989.119	1.05	Midgut	2L:+:28515571-28515624	exon=> In CDS Exon 7 of transcript AGAP006220-PA
JHU_Ag_76675	TDAPSNTWCR	AGAP006220-PA	C9(Carbamidomethyl)	38	0.000921071	2	1207.515	-1.26	Pupa	2L:+:28516441-28516470	exon=> In CDS Exon 9 of transcript AGAP006220-PA
JHU_Ag_79306	YLLNVAPDGTVLVKPSFR	AGAP006220-PA	-	87	4.87E-09	1	1989.128	5.77	Larva	2L:+:28515571-28515624	exon=> In CDS Exon 7 of transcript AGAP006220-PA
JHU_Ag_86058	FAEDGVTVESIR	AGAP006220-PA	-	83	9.45E-08	1	1322.663	3.23	Larva	2L:+:28515265-28515300	exon=> In CDS Exon 6 of transcript AGAP006220-PA
JHU_Ag_89166	ICFGGINPEFTHATATESFLVGK	AGAP006220-PA	C2(Carbamidomethyl)	55	5.33E-05	1	2496.234	4.52	Head	2L:+:28515301-28515327,28515400-28515441	exon=> In CDS Exon 6 and 7 of transcript AGAP006220-PA
JHU_Ag_89822	AAQVAAYVLGLPLEK	AGAP006220-PA	-	102	2.01E-10	1	1542.889	-0.16	Midgut	2L:+:28516825-28516869	exon=> In CDS Exon 9 of transcript AGAP006220-PA
JHU_Ag_93636	DAGLADDWISMGTASTPDQVHLLAGNSIEQYK	AGAP006220-PA	M11(Oxidation)	60	1.22E-05	1	3419.609	0.9	Midgut	2L:+:28517576-28517671	exon=> In CDS Exon 10 of transcript AGAP006220-PA
JHU_Ag_106370	FTNDLPVQPGELYAAFVIATKPHTR	AGAP006220-PA	-	60	7.09E-06	1	2785.460	-2.58	Salivary gland	2L:+:28515757-28515831	exon=> In CDS Exon 7 of transcript AGAP006220-PA
JHU_Ag_108066	AAQVAAYVLGLPLEK	AGAP006220-PA	-	38	0.000519372	1	1542.893	2.77	Pupa	2L:+:28516825-28516869	exon=> In CDS Exon 9 of transcript AGAP006220-PA
JHU_Ag_110253	TSIISPSEFVQLDMQK	AGAP006220-PA	M14(Oxidation)	63	8.17E-06	2	1838.913	-3.89	Midgut	2L:+:28515094-28515141	exon=> In CDS Exon 6 of transcript AGAP006220-PA
JHU_Ag_111925	VSQVADIFAIFEQIGTKPYMLVAGNTAHGVYR	AGAP006220-PA	M20(Oxidation)	54	2.13E-05	1	3511.817	3.73	Midgut	2L:+:28514526-28514610,28514673-28514683	exon=> In CDS Exon 4 and 5 of transcript AGAP006220-PA
JHU_Ag_112389	NLAMALYYK	AGAP006220-PA	M4(Oxidation)	38	0.002166924	2	1102.561	0.82	Midgut	2L:+:28515544-28515570	exon=> In CDS Exon 7 of transcript AGAP006220-PA
JHU_Ag_116337	FTNDLPVQPGELYAAFVIATKPHTR	AGAP006220-PA	-	92	3.74E-09	1	2785.484	5.83	Larva	2L:+:28515757-28515831	exon=> In CDS Exon 7 of transcript AGAP006220-PA

JHU_Ag_109987	SSNPAGVLR	AGAP006220-PA,AGAP005636-PA,AGAP005638-PA	-	38	0.001618097	1	900.493	3.92	Larva	2L:+:28517465-28517491;2L:-:18074449-18074423;2L:+:18091051-18091077	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 5 of transcript AGAP005636-PA;exon=> In CDS Exon 5 of transcript AGAP005638-PA
JHU_Ag_30142	HIDLIANVPVR	AGAP006220-PA,AGAP006225-PA	-	66	9.54E-07	2	1246.731	3.26	Larva	2L:+:28514864-28514896;2L:+:28536186-28536218	exon=> In CDS Exon 5 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_35444	TWTYKPPGAK	AGAP006220-PA,AGAP006225-PA	-	52	8.28E-05	1	1148.610	-0.21	Midgut	2L:+:28517396-28517425;2L:+:28538976-28539005	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_42464	TWTYKPPGAK	AGAP006220-PA,AGAP006225-PA	-	46	0.000297229	1	1148.614	3.19	Malpighian tubule	2L:+:28517396-28517425;2L:+:28538976-28539005	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_45204	HIDLIANVPVR	AGAP006220-PA,AGAP006225-PA	-	92	1.99E-09	1	1246.732	4.34	Midgut	2L:+:28514864-28514896;2L:+:28536186-28536218	exon=> In CDS Exon 5 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_52040	ACEILLER	AGAP006220-PA,AGAP006225-PA	C2(Carbamidomethyl)	51	0.000134126	2	1003.526	2.2	Salivary gland	2L:+:28517033-28517056;2L:+:28538613-28538636	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_60785	KACEILLER	AGAP006220-PA,AGAP006225-PA	C3(Carbamidomethyl)	52	7.01E-05	2	1131.618	-1.12	Midgut	2L:+:28517030-28517056;2L:+:28538610-28538636	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_67268	HIDLIANVPVR	AGAP006220-PA,AGAP006225-PA	-	75	9.31E-08	1	1246.733	4.83	Malpighian tubule	2L:+:28514864-28514896;2L:+:28536186-28536218	exon=> In CDS Exon 5 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_82257	ACEILLER	AGAP006220-PA,AGAP006225-PA	C2(Carbamidomethyl)	57	5.12E-05	2	1003.528	3.66	Larva	2L:+:28517033-28517056;2L:+:28538613-28538636	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_82538	TWTYKPPGAK	AGAP006220-PA,AGAP006225-PA	-	52	9.90E-05	1	1148.610	0.32	Pupa	2L:+:28517396-28517425;2L:+:28538976-28539005	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_85709	HIDLIANVPVR	AGAP006220-PA,AGAP006225-PA	-	77	7.20E-08	1	1246.724	-1.83	Head	2L:+:28514864-28514896;2L:+:28536186-28536218	exon=> In CDS Exon 5 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_101226	ACEILLER	AGAP006220-PA,AGAP006225-PA	C2(Carbamidomethyl)	54	0.000101505	1	1003.528	3.42	Malpighian tubule	2L:+:28517033-28517056;2L:+:28538613-28538636	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_104704	ACEILLER	AGAP006220-PA,AGAP006225-PA	C2(Carbamidomethyl)	47	0.000403145	2	1003.524	0.19	Midgut	2L:+:28517033-28517056;2L:+:28538613-28538636	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_108418	HIDLIANVPVR	AGAP006220-PA,AGAP006225-PA	-	53	1.75E-05	1	1246.726	-0.16	Salivary gland	2L:+:28514864-28514896;2L:+:28536186-28536218	exon=> In CDS Exon 5 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_109312	KACEILLER	AGAP006220-PA,AGAP006225-PA	C3(Carbamidomethyl)	76	3.47E-07	2	1131.623	3.41	Malpighian tubule	2L:+:28517030-28517056;2L:+:28538610-28538636	exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_5310	LVTLMPQFR	AGAP006221-PA	M5(Oxidation)	41	0.000723046	2	1120.623	4.42	Larva	2L:+:28522763-28522789	exon=> In CDS Exon 7 of transcript AGAP006221-PA
JHU_Ag_19455	DGTVAISHGGIEIGQGINTK	AGAP006221-PA	-	99	1.72E-09	1	1967.024	2.17	Larva	2L:+:28522940-28522999	exon=> In CDS Exon 7 of transcript AGAP006221-PA
JHU_Ag_28185	LIVADSLATYQAK	AGAP006221-PA	-	82	3.26E-08	2	1392.780	5.08	Larva	2L:+:28520833-28520842,28520917-28520945	exon=> In CDS Exon 4 and 5 of transcript AGAP006221-PA
JHU_Ag_31746	VVFGLSYNSSAWK	AGAP006221-PA	-	82	9.11E-08	1	1457.749	4.25	Larva	2L:+:28522556-28522594	exon=> In CDS Exon 7 of transcript AGAP006221-PA

JHU_Ag_35800	FIMTIEANMSTIGK	AGAP006221-PA	M3(Oxidation), M9(Oxidation)	67	3.18E-06	2	1587.782	4.01	Larva	2L:+:28522388-28522429	exon=> In CDS Exon 7 of transcript AGAP006221-PA
JHU_Ag_80083	VEGSSVLTDAPSNTWMR	AGAP006221-PA	M16(Oxidation)	99	2.11E-09	1	1865.880	5.38	Larva	2L:+:28522595-28522645	exon=> In CDS Exon 7 of transcript AGAP006221-PA
JHU_Ag_94090	LIQTGDNSYGVLR	AGAP006221-PA	-	71	1.25E-06	2	1435.757	2.33	Larva	2L:+:28523633-28523671	exon=> In CDS Exon 8 of transcript AGAP006221-PA
JHU_Ag_44293	LPGVVAFYSAK	AGAP006221-PA,AGAP006225-PA	-	60	8.58E-06	1	1151.645	-0.89	Midgut	2L:+:28521770-28521802;2L:+:28537181-28537213	exon=> In CDS Exon 7 of transcript AGAP006221-PA;exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_46342	LPGVVAFYSAK	AGAP006221-PA,AGAP006225-PA	-	51	5.26E-05	2	1151.650	3.56	Larva	2L:+:28521770-28521802;2L:+:28537181-28537213	exon=> In CDS Exon 7 of transcript AGAP006221-PA;exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_57440	LPGVVAFYSAK	AGAP006221-PA,AGAP006225-PA	-	57	1.32E-05	2	1151.652	5.47	Malpighian tubule	2L:+:28521770-28521802;2L:+:28537181-28537213	exon=> In CDS Exon 7 of transcript AGAP006221-PA;exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_57634	LPGVVAFYSAK	AGAP006221-PA,AGAP006225-PA	-	45	0.000221 87	2	1151.646	-0.15	Pupa	2L:+:28521770-28521802;2L:+:28537181-28537213	exon=> In CDS Exon 7 of transcript AGAP006221-PA;exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_1234	IDDSIVEK	AGAP006222-PA	-	47	0.000429 527	2	918.478	-0.41	Midgut	2L:+:28524722-28524745	exon=> In CDS Exon 3 of transcript AGAP006222-PA
JHU_Ag_26630	FWVEYVLR	AGAP006222-PA	-	55	2.46E-05	2	1111.593	-0.31	Midgut	2L:+:28525923-28525946	exon=> In CDS Exon 5 of transcript AGAP006222-PA
JHU_Ag_31773	FWVEYVLR	AGAP006222-PA	-	55	2.46E-05	2	1111.599	4.52	Malpighian tubule	2L:+:28525923-28525946	exon=> In CDS Exon 5 of transcript AGAP006222-PA
JHU_Ag_39923	AEQSGWGIGVTYTELNEQTFSK	AGAP006222-PA	-	55	4.65E-05	2	2445.169	4.72	Malpighian tubule	2L:+:28525696-28525761	exon=> In CDS Exon 4 of transcript AGAP006222-PA
JHU_Ag_61200	AEQSGWGIGVTYTELNEQTFSK	AGAP006222-PA	-	123	7.31E-12	2	2445.164	2.73	Midgut	2L:+:28525696-28525761	exon=> In CDS Exon 4 of transcript AGAP006222-PA
JHU_Ag_64010	AITTVLGDPSYTANVK	AGAP006222-PA	-	93	5.36E-09	1	1649.877	1.49	Malpighian tubule	2L:+:28525762-28525790,28525850-28525868	exon=> In CDS Exon 4 and 5 of transcript AGAP006222-PA
JHU_Ag_67680	AITTVLGDPSYTANVK	AGAP006222-PA	-	98	1.80E-09	1	1649.875	0.38	Midgut	2L:+:28525762-28525790,28525850-28525868	exon=> In CDS Exon 4 and 5 of transcript AGAP006222-PA
JHU_Ag_74203	SHWILGSSLLK	AGAP006222-PA	-	64	1.97E-06	1	1240.705	0.3	Malpighian tubule	2L:+:28524407-28524439	exon=> In CDS Exon 1 of transcript AGAP006222-PA
JHU_Ag_74748	NDVIKVLSNLK	AGAP006222-PA	N1(Deamidated)	33	0.003010 703	1	1243.727	0.94	Male reproductive organs	2L:+:28525444-28525476	exon=> In CDS Exon 4 of transcript AGAP006222-PA
JHU_Ag_91491	SHWILGSSLLK	AGAP006222-PA	-	57	9.85E-06	1	1240.704	-0.79	Midgut	2L:+:28524407-28524439	exon=> In CDS Exon 1 of transcript AGAP006222-PA
JHU_Ag_107845	ELAQDGHEVTMISPFPLK	AGAP006222-PA	M11(Oxidation)	136	3.84E-13	1	2028.010	-0.28	Midgut	2L:+:28524440-28524463,28524534-28524563	exon=> In CDS Exon 1 and 2 of transcript AGAP006222-PA
JHU_Ag_27461	MNFWQR	AGAP006222-PA,AGAP006223-PA	-	36	0.002410 692	2	881.408	-0.59	Midgut	2L:+:28525016-28525033;2L:+:28527368-28527385	exon=> In CDS Exon 3 of transcript AGAP006222-PA;exon=> In CDS Exon 3 of transcript AGAP006223-PA
JHU_Ag_48017	SFIEQSEHGVIYFSMGSNLKPSK	AGAP006222-PA,AGAP006223-PA	M15(Oxidation)	41	0.001312 721	1	2601.267	0.5	Midgut	2L:+:28525357-28525425;2L:+:28527709-28527777	exon=> In CDS Exon 4 of transcript AGAP006222-PA;exon=> In CDS Exon 4 of transcript AGAP006223-PA
JHU_Ag_64387	WDDDTLVVDK	AGAP006222-PA,AGAP006223-PA	-	55	3.73E-05	2	1205.571	2.34	Midgut	2L:+:28525495-28525524;2L:+:28527847-28527876	exon=> In CDS Exon 4 of transcript AGAP006222-PA;exon=> In CDS Exon 4 of transcript AGAP006223-PA

JHU_Ag_93783	KVNPLPEDIK	AGAP006222-PA,AGAP006223-PA	-	51	3.94E-05	1	1152.662	-0.71	Midgut	2L:+:28525262-28525282,28525348-28525356;2L:+:28527614-28527634,28527700-28527708	exon=> In CDS Exon 3 and 4 of transcript AGAP006222-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP006223-PA
JHU_Ag_21960	AQNAHAYVNGAFLIK	AGAP006224-PA	N9(Deamidated)	82	1.09E-07	2	1617.847	5.36	Larva	2L:+:28530292-28530336	exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_58382	AQNAHAYVNGAFLIK	AGAP006224-PA	N9(Deamidated),"N3(Deamidated),N9(Deamidated)"	106	5.17E-10	1	1617.839	0.6	Midgut	2L:+:28530292-28530336	exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_96630	AQNAHAYVNGAFLIK	AGAP006224-PA	N9(Deamidated)	110	1.93E-10	1	1617.839	0.3	Malpighian tubule	2L:+:28530292-28530336	exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_2161	NTGTIAGNLSIK	AGAP006224-PA,AGAP006225-PA	-	58	1.76E-05	2	1188.664	4.96	Larva	2L:+:28529973-28530008;2L:+:28536219-28536254	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_4290	NLALSLFYK	AGAP006224-PA,AGAP006225-PA	-	52	3.09E-05	1	1068.609	0.16	Midgut	2L:+:28530538-28530564;2L:+:28536784-28536810	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_13335	TSSVGSSLTVGAGTSLTELMDLLTNTAK	AGAP006224-PA,AGAP006225-PA	-	52	7.51E-05	3	2754.405	-1.17	Midgut	2L:+:28529817-28529900;2L:+:28536063-28536146	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_15328	VTMEEIENSFGGNICR	AGAP006224-PA,AGAP006225-PA	M3(Oxidation),C15(Carbamidomethyl),C15(Carbamidomethyl)	137	1.81E-13	1	1871.838	6.34	Malpighian tubule	2L:+:28529406-28529453;2L:+:28535652-28535699	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_21330	GLHLSFEEQK	AGAP006224-PA,AGAP006225-PA	-	48	0.00023728	1	1187.608	2.18	Midgut	2L:+:28529625-28529654;2L:+:28535871-28535900	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_21649	LLLNVILPPLYPSVYVYR	AGAP006224-PA,AGAP006225-PA	-	89	2.72E-10	1	2132.267	7.01	Malpighian tubule	2L:+:28530217-28530270;2L:+:28536463-28536516	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_22436	ALAVDADPK	AGAP006224-PA,AGAP006225-PA	-	40	0.000784562	1	899.486	3.18	Malpighian tubule	2L:+:28529490-28529516;2L:+:28535736-28535762	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_27059	TSTVRPSQYVTMNMNKK	AGAP006224-PA,AGAP006225-PA	M12(Oxidation),M14(Oxidation)	68	2.74E-06	1	1984.991	-1.48	Midgut	2L:+:28530166-28530216;2L:+:28536412-28536462	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_27828	TLAAELNPDWVLPDAAPEYRK	AGAP006224-PA,AGAP006225-PA	-	129	1.38E-12	1	2369.223	3.72	Larva	2L:+:28530475-28530537;2L:+:28536721-28536783	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_28923	LLLNVILPPLYPSVYVYR	AGAP006224-PA,AGAP006225-PA	-	56	5.27E-07	1	2132.267	7.27	Larva	2L:+:28530217-28530270;2L:+:28536463-28536516	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_29453	VTMEEIENSFGGNICR	AGAP006224-PA,AGAP006225-PA	C15(Carbamidomethyl)	89	1.31E-08	2	1855.837	2.86	Head	2L:+:28529406-28529453;2L:+:28535652-28535699	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_29714	NTGTIAGNLSIK	AGAP006224-PA,AGAP006225-PA	N1(Deamidated)	66	3.25E-06	2	1188.658	-0.27	Midgut	2L:+:28529973-28530008;2L:+:28536219-28536254	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA

JHU_Ag_29742	LLAHFNGTQCGYCSPGMVMNMYSLLEAK	AGAP006224-PA,AGAP006225-PA	C10(Carbamidomethyl), C13(Carbamidomethyl), M17(Oxidation), M19(Oxidation), M21(Oxidation)	43	0.000385921	1	3240.439	2.92	Malpighian tubule	2L:+:28529313-28529396;2L:+:28535559-28535642	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_32790	SDGIQVFIDINAVQELR	AGAP006224-PA,AGAP006225-PA	-	127	3.04E-12	1	1917.009	0.71	Midgut	2L:+:28529766-28529816;2L:+:28536012-28536062	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_32920	TSTVRPSQYVTMNMNKK	AGAP006224-PA,AGAP006225-PA	M12(Oxidation), M14(Oxidation)	45	0.000462804	1	2016.993	4.52	Larva	2L:+:28530166-28530216;2L:+:28536412-28536462	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_33009	TLAAELNPDWVLPDAAPEYRK	AGAP006224-PA,AGAP006225-PA	-	68	2.14E-06	1	2369.222	3.64	Head	2L:+:28530475-28530537;2L:+:28536721-28536783	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_36300	TSTVRPSQYVTMNMNK	AGAP006224-PA,AGAP006225-PA	M12(Oxidation), M14(Oxidation)	72	1.20E-06	1	1888.896	3.5	Malpighian tubule	2L:+:28530166-28530213;2L:+:28536412-28536459	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_37075	GKNLLTNETIQGALK	AGAP006224-PA,AGAP006225-PA	-	72	2.34E-07	1	1599.916	5.96	Larva	2L:+:28530430-28530474;2L:+:28536676-28536720	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_41736	NLALSLFYK	AGAP006224-PA,AGAP006225-PA	-	36	0.001128999	2	1068.613	3.97	Malpighian tubule	2L:+:28530538-28530564;2L:+:28536784-28536810	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_42734	ALAVDADPK	AGAP006224-PA,AGAP006225-PA	-	37	0.001500677	1	899.483	-0.28	Midgut	2L:+:28529490-28529516;2L:+:28535736-28535762	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_43696	TLAAELNPDWVLPDAAPEYR	AGAP006224-PA,AGAP006225-PA	-	46	0.000339265	1	2241.128	4.13	Malpighian tubule	2L:+:28530475-28530534;2L:+:28536721-28536780	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_44749	TLAAELNPDWVLPDAAPEYR	AGAP006224-PA,AGAP006225-PA	-	58	2.28E-05	1	2241.130	5.1	Larva	2L:+:28530475-28530534;2L:+:28536721-28536780	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_48245	TLAAELNPDWVLPDAAPEYR	AGAP006224-PA,AGAP006225-PA	-	67	2.30E-06	1	2241.137	8.27	Midgut	2L:+:28530475-28530534;2L:+:28536721-28536780	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_50281	KNLALSLFYK	AGAP006224-PA,AGAP006225-PA	-	54	1.21E-05	2	1196.703	-0.43	Midgut	2L:+:28530535-28530564;2L:+:28536781-28536810	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_50562	TLAAELNPDWVLPDAAPEYRK	AGAP006224-PA,AGAP006225-PA	-	108	1.70E-10	1	2369.226	5.19	Malpighian tubule	2L:+:28530475-28530537;2L:+:28536721-28536783	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_52265	VTMEEIENSFGGNICR	AGAP006224-PA,AGAP006225-PA	M3(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	101	8.71E-10	2	1855.832	0.17	Midgut	2L:+:28529406-28529453;2L:+:28535652-28535699	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_52661	KLLLNVILPPLYPSVYVYR	AGAP006224-PA,AGAP006225-PA	-	72	2.92E-08	1	2260.359	5.29	Larva	2L:+:28530214-28530270;2L:+:28536460-28536516	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_54286	TSTVRPSQYVTMNMNK	AGAP006224-PA,AGAP006225-PA	M12(Oxidation), M14(Oxidation)	80	1.60E-07	1	1888.894	2.53	Larva	2L:+:28530166-28530213;2L:+:28536412-28536459	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_56119	TLAAELNPDWVLPDAAPEYR	AGAP006224-PA,AGAP006225-PA	-	45	0.000467239	2	2241.128	4.13	Head	2L:+:28530475-28530534;2L:+:28536721-28536780	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA

JHU_Ag_56492	TLAAELNPDWVLPDAAPEYR	AGAP006224-PA,AGAP006225-PA	-	50	0.000158766	2	2241.120	0.64	Pupa	2L:+:28530475-28530534;2L:+:28536721-28536780	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_59687	RSDGIQVFIDINAVQELR	AGAP006224-PA,AGAP006225-PA	-	85	2.81E-08	3	2073.106	-1.46	Midgut	2L:+:28529763-28529816;2L:+:28536009-28536062	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_60683	TEEFLK	AGAP006224-PA,AGAP006225-PA	-	36	0.001985836	1	766.402	4.56	Larva	2L:+:28530412-28530429;2L:+:28536658-28536675	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_66184	LLLNVILPPLYPSVYVYR	AGAP006224-PA,AGAP006225-PA	-	89	8.28E-10	1	2132.251	-0.63	Midgut	2L:+:28530217-28530270;2L:+:28536463-28536516	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_67448	TSTVRPSQYVTMNMNKK	AGAP006224-PA,AGAP006225-PA	M12(Oxidation), M14(Oxidation),M12(Oxidation),M14(Oxidation)	84	6.30E-08	1	1984.994	-0.19	Malpighian tubule	2L:+:28530166-28530216;2L:+:28536412-28536462	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_69469	TEEFLK	AGAP006224-PA,AGAP006225-PA	-	38	0.000982494	1	766.398	-0.46	Midgut	2L:+:28530412-28530429;2L:+:28536658-28536675	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_71618	GKNLLTNETIQGALK	AGAP006224-PA,AGAP006225-PA	-	74	1.63E-07	1	1599.914	4.82	Malpighian tubule	2L:+:28530430-28530474;2L:+:28536676-28536720	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_77778	NLALSLFYK	AGAP006224-PA,AGAP006225-PA	-	51	3.77E-05	1	1068.614	4.84	Larva	2L:+:28530538-28530564;2L:+:28536784-28536810	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_78625	NTGTIAGNLSIK	AGAP006224-PA,AGAP006225-PA	-	34	0.004702862	1	1188.663	4.25	Malpighian tubule	2L:+:28529973-28530008;2L:+:28536219-28536254	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_83663	TSTVRPSQYVTMNMNK	AGAP006224-PA,AGAP006225-PA	M12(Oxidation), M14(Oxidation),M12(Oxidation),M14(Oxidation)	74	7.05E-07	2	1872.896	0.86	Midgut	2L:+:28530166-28530213;2L:+:28536412-28536459	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_86131	NHAHLSGTK	AGAP006224-PA,AGAP006225-PA	-	35	0.004756666	2	964.496	0.47	Head	2L:+:28529025-28529051;2L:+:28535272-28535298	exon=> In CDS Exon 2 of transcript AGAP006224-PA;exon=> In CDS Exon 2 of transcript AGAP006225-PA
JHU_Ag_89317	GKVTMEEIENSFGGNICR	AGAP006224-PA,AGAP006225-PA	M5(Oxidation), C17(Carbamidomethyl)	90	1.30E-08	2	2056.949	3.04	Malpighian tubule	2L:+:28529400-28529453;2L:+:28535646-28535699	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_90012	ALAVDADPKLK	AGAP006224-PA,AGAP006225-PA	-	44	0.000160176	3	1140.666	2.8	Malpighian tubule	2L:+:28529490-28529522;2L:+:28535736-28535768	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_92935	VYNVSDIFAIFESIGDKPYTLIGGNTAHGVYR	AGAP006224-PA,AGAP006225-PA	-	171	6.74E-17	1	3516.785	1.48	Midgut	2L:+:28529667-28529762;2L:+:28535913-28536008	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_94000	NLLTNETIQGALK	AGAP006224-PA,AGAP006225-PA	-	77	1.77E-07	2	1414.791	0.61	Pupa	2L:+:28530436-28530474;2L:+:28536682-28536720	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_94068	KLLLNVILPPLYPSVYVYR	AGAP006224-PA,AGAP006225-PA	-	58	9.36E-07	1	2260.344	-1.24	Midgut	2L:+:28530214-28530270;2L:+:28536460-28536516	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_94176	KLLLNVILPPLYPSVYVYR	AGAP006224-PA,AGAP006225-PA	-	80	5.10E-09	1	2260.358	5.13	Malpighian tubule	2L:+:28530214-28530270;2L:+:28536460-28536516	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_95369	NLLTNETIQGALK	AGAP006224-PA,AGAP006225-PA	-	89	9.08E-09	1	1414.798	5.35	Malpighian tubule	2L:+:28530436-28530474;2L:+:28536682-28536720	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA

JHU_Ag_97009	GKNLLTNETIQGALK	AGAP006224-PA,AGAP006225-PA	-	90	4.69E-09	1	1599.906	-0.52	Midgut	2L:+:28530430-28530474;2L:+:28536676-28536720	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_101282	TLAAELNPDWVLPDAAPEYRK	AGAP006224-PA,AGAP006225-PA	-	90	1.30E-08	1	2369.211	-0.94	Midgut	2L:+:28530475-28530537;2L:+:28536721-28536783	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_101745	RSDGIQVFIDINAVQELR	AGAP006224-PA,AGAP006225-PA	-	32	0.004664594	1	2073.107	-0.93	Malpighian tubule	2L:+:28529763-28529816;2L:+:28536009-28536062	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_103323	NLLTNETIQGALK	AGAP006224-PA,AGAP006225-PA	-	98	1.21E-09	1	1414.795	3.71	Larva	2L:+:28530436-28530474;2L:+:28536682-28536720	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_106569	GLHLSFEEQKEWHK	AGAP006224-PA,AGAP006225-PA	-	90	1.60E-08	1	1767.883	0.71	Midgut	2L:+:28529625-28529666;2L:+:28535871-28535912	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_112743	NLLTNETIQGALK	AGAP006224-PA,AGAP006225-PA	-	93	3.62E-09	2	1414.794	2.59	Midgut	2L:+:28530436-28530474;2L:+:28536682-28536720	exon=> In CDS Exon 4 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_116292	VYNVSDIFAIFESIGDKPYTLIGGNTAHGVYR	AGAP006224-PA,AGAP006225-PA	-	82	4.74E-08	1	3516.804	6.81	Larva	2L:+:28529667-28529762;2L:+:28535913-28536008	exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_941	KQIDQFNR	AGAP006225-PA	-	42	0.001185368	2	1048.553	-0.18	Midgut	2L:+:28538222-28538245	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_985	LVMTLEANMEAIGKR	AGAP006225-PA	M3(Oxidation),"M3(Oxidation), M9(Oxidation)",M9(Oxidation)	84	4.38E-08	1	1691.881	-0.43	Midgut	2L:+:28537796-28537840	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_1075	EELKDAPWETVVETSHFK	AGAP006225-PA	-	106	4.00E-10	1	2145.048	-0.94	Midgut	2L:+:28538652-28538705	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_1406	MKPIREELK	AGAP006225-PA	M1(Oxidation)	34	0.004115629	2	1159.654	3.06	Larva	2L:+:28538637-28538663	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_2170	YGVVSNYEVDVQK	AGAP006225-PA	-	72	9.74E-07	2	1499.739	0.75	Ovary	2L:+:28537841-28537879	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_2767	DLKMYELMPEFR	AGAP006225-PA	M4(Oxidation), M8(Oxidation),M4(Oxidation)	58	2.00E-05	1	1603.757	4.87	Malpighian tubule	2L:+:28538159-28538194	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_3535	GFMGPHDEEIFCSEK	AGAP006225-PA	M3(Oxidation), C12(Carbamidomethyl)	85	1.53E-08	1	1798.750	4.72	Larva	2L:+:28537250-28537294	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_3978	SGGSVLDRPLSSGTQSFDTIK	AGAP006225-PA	Q15(Deamidated)	91	1.16E-08	1	2152.088	-0.25	Midgut	2L:+:28536865-28536927	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_4394	MEVIFSINAKPYQINSTSVPVDTSLNTFIRNHAHLSGTK	AGAP006225-PA	N-Term(Acetyl), M1(Oxidation)	133	1.90E-13	1	4388.267	7.34	Malpighian tubule	2L:+:28535006-28535045,28535322-28535298	exon=> In CDS Exon 1 and 2 of transcript AGAP006225-PA
JHU_Ag_4964	IEGLLQTSGEAK	AGAP006225-PA	-	62	1.01E-05	2	1245.670	1.22	Ovary	2L:+:28536961-28536996	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_5249	QNNNFSYFEHMVR	AGAP006225-PA	Q1(Deamidated), M11(Oxidation),M11(Oxidation),"N2(Deamidated), M11(Oxidation)","N3(Deamidated), M11(Oxidation)"	75	2.82E-07	2	1685.752	1.74	Midgut	2L:+:28536147-28536185	exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_6873	IIYHGQPVGLIVAETFSLANR	AGAP006225-PA	-	116	6.33E-12	1	2298.275	6.2	Midgut	2L:+:28537295-28537357	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_7129	KQIDQFNR	AGAP006225-PA	-	44	0.000574281	2	1048.558	4.36	Larva	2L:+:28538222-28538245	exon=> In CDS Exon 5 of transcript AGAP006225-PA

JHU_Ag_7191	ATLIACAAALAAHKTR	AGAP006225-PA	C6(Carbamidomethyl)	60	4.78E-06	1	1638.916	3.06	Malpighian tubule	2L:+:28537736-28537783	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_8045	VAQVAAYVLGIPMEK	AGAP006225-PA	M13(Oxidation)	68	8.67E-07	2	1604.882	6.33	Malpighian tubule	2L:+:28538405-28538449	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_8177	LEGSEIISSNICFGGIDPQFTHALK	AGAP006225-PA	C12(Carbamidomethyl)	124	5.77E-12	1	2733.353	-0.8	Midgut	2L:+:28536583-28536657	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_11355	VQYGTTASVR	AGAP006225-PA	-	56	2.56E-05	2	1081.563	-0.6	Midgut	2L:+:28537376-28537405	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_12013	MLQVPENSLNLYVRR	AGAP006225-PA	M1(Oxidation)	46	0.000249635	1	1847.986	3.63	Malpighian tubule	2L:+:28537658-28537702	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_12148	IEGLLQTSGEAK	AGAP006225-PA	-	101	1.21E-09	1	1245.673	3.38	Larva	2L:+:28536961-28536996	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_13007	YPLGYFGSIHALVSIYHTDGTVAITHGGIEMGQGMNTK	AGAP006225-PA	M31(Oxidation), M35(Oxidation)	87	1.85E-08	1	4067.998	8.68	Larva	2L:+:28538291-28538404	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_13036	NVDLCATYMYK	AGAP006225-PA	C5(Carbamidomethyl), M9(Oxidation)	75	2.25E-07	1	1393.615	1.33	Malpighian tubule	2L:+:28538706-28538738	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_13660	FALNIAPELNASVK	AGAP006225-PA	-	34	0.004059019	2	1486.829	1.63	Pupa	2L:+:28536811-28536852	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_13969	MLQVPENSLNLYVR	AGAP006225-PA	M1(Oxidation)	123	5.44E-12	1	1691.880	0.65	Malpighian tubule	2L:+:28537658-28537699	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_14292	MYELMPEFR	AGAP006225-PA	M5(Oxidation),"M1(Oxidation), M5(Oxidation)",M1(Oxidation)	58	9.36E-06	1	1247.543	-0.35	Midgut	2L:+:28538168-28538194	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_15575	LVMTLEANMEAIGKR	AGAP006225-PA	M3(Oxidation), M9(Oxidation)	86	3.42E-08	1	1707.883	3.84	Larva	2L:+:28537796-28537840	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_17158	YGVVSNYEVDVQK	AGAP006225-PA	-	106	3.52E-10	1	1499.738	0.02	Malpighian tubule	2L:+:28537841-28537879	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_17524	FALNIAPELNASVK	AGAP006225-PA	N10(Deamidated)	59	1.38E-05	2	1486.826	-0.01	Midgut	2L:+:28536811-28536852	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_17824	KQIDQFNR	AGAP006225-PA	-	48	0.000264172	1	1048.554	0.4	Malpighian tubule	2L:+:28538222-28538245	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_20239	SGGSVLDRPLSSGTQSFDTIK	AGAP006225-PA	-	74	5.79E-07	1	2152.098	4.78	Visceras	2L:+:28536865-28536927	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_21003	ATLIACAAALAAHK	AGAP006225-PA	C6(Carbamidomethyl)	109	1.08E-10	1	1381.768	4	Larva	2L:+:28537736-28537777	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_21438	TFKIMPR	AGAP006225-PA	M5(Oxidation)	36	0.00196558	1	908.505	2.71	Malpighian tubule	2L:+:28536517-28536537	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_21887	ISIKPSANMTSPNAICTGGSMTSETVCFAVK	AGAP006225-PA	M9(Oxidation), C16(Carbamidomethyl), M21(Oxidation), C27(Carbamidomethyl)	139	1.40E-13	1	3291.550	4.09	Malpighian tubule	2L:+:28538450-28538533,28538601-28538609	exon=> In CDS Exon 5 and 6 of transcript AGAP006225-PA
JHU_Ag_21897	YGVVSNYEVDVQKDGK	AGAP006225-PA	-	92	9.28E-09	2	1799.891	5.53	Larva	2L:+:28537841-28537888	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_21957	YGVVSNYEVDVQK	AGAP006225-PA	-	92	9.00E-09	1	1499.745	4.9	Larva	2L:+:28537841-28537879	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_22628	ATGEPAMNMTVSVLCALR	AGAP006225-PA	M7(Oxidation), M9(Oxidation), C15(Carbamidomethyl)	125	4.90E-12	1	1952.931	3.53	Larva	2L:+:28539078-28539131	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_24392	AQNAHAYVNGAFLLK	AGAP006225-PA	N9(Deamidated)	82	1.09E-07	2	1617.847	5.36	Larva	2L:+:28536538-28536582	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_24577	LHNEYVHDFGSCLNESMGHCAEFFR	AGAP006225-PA	C12(Carbamidomethyl), M17(Oxidation), C20(Carbamidomethyl)	163	2.33E-16	1	3072.296	4.48	Larva	2L:+:28537898-28537972	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_26027	FALNIAPELNASVK	AGAP006225-PA	N10(Deamidated)	57	1.91E-05	2	1486.830	2.12	Malpighian tubule	2L:+:28536811-28536852	exon=> In CDS Exon 4 of transcript AGAP006225-PA

JHU_Ag_26449	LHDMPYSTLGEEFEAAPEGAIK	AGAP006225-PA	M4(Oxidation)	138	2.29E-13	1	2421.130	0.67	Larva	2L:+:28537451-28537516	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_27853	LEGSEIISSNICFGGIDPQFTHALKTEEFLK	AGAP006225-PA	C12(Carbamidomethyl)	72	5.29E-07	1	3480.780	12.77	Malpighian tubule	2L:+:28536583-28536675	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_29573	IEGLLQTSGEAK	AGAP006225-PA	-	58	2.30E-05	2	1245.669	0.34	Midgut	2L:+:28536961-28536996	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_31056	ATGEPAMNMTVSVLCALR	AGAP006225-PA	C15(Carbamidomethyl),"M7(Oxidation),M9(Oxidation),C15(Carbamidomethyl)"	131	1.10E-12	1	1952.923	-0.66	Malpighian tubule	2L:+:28539078-28539131	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_31167	SGGSVLDRPLSSGTQSFDTIK	AGAP006225-PA	-	146	3.50E-14	1	2152.093	2.39	Malpighian tubule	2L:+:28536865-28536927	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_32083	ATLIACAAALAAHK	AGAP006225-PA	C6(Carbamidomethyl)	48	0.000117613	2	1381.768	4.17	Head	2L:+:28537736-28537777	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_32594	DIPGANNFMYFK	AGAP006225-PA	M9(Oxidation)	80	9.99E-08	2	1432.661	3.35	Larva	2L:+:28537214-28537249	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_32758	NVDLCATYMYK	AGAP006225-PA	C5(Carbamidomethyl),M9(Oxidation),C5(Carbamidomethyl)	74	2.63E-07	2	1393.612	-0.33	Midgut	2L:+:28538706-28538738	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_33266	EELKDAPWETVVETSHFK	AGAP006225-PA	-	61	1.24E-05	1	2145.053	1.28	Visceras	2L:+:28538652-28538705	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_33365	APGTTEGIAMVETIMEHVAHATGLDPLDVR	AGAP006225-PA	M15(Oxidation),M10(Oxidation),"M10(Oxidation),M15(Oxidation)"	142	8.84E-14	1	3131.549	-0.38	Midgut	2L:+:28538051-28538140	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_33808	GFMGPHDEEIFCSEK	AGAP006225-PA	M3(Oxidation),C12(Carbamidomethyl)	106	1.02E-10	1	1798.743	0.85	Malpighian tubule	2L:+:28537250-28537294	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_35047	VAQVAAYVLGIPMEK	AGAP006225-PA	M13(Oxidation)	51	6.39E-05	1	1604.873	0.93	Ovary	2L:+:28538405-28538449	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_36278	QNNNFSYFEHMVR	AGAP006225-PA	Q1(Deamidated),M11(Oxidation),M11(Oxidation),"N2(Deamidated),M11(Oxidation)","N3(Deamidated),M11(Oxidation)"	55	2.44E-05	1	1701.749	2.73	Larva	2L:+:28536147-28536185	exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_36752	ATLIACAAALAAHK	AGAP006225-PA	C6(Carbamidomethyl)	41	0.000771761	1	1381.762	0.12	Midgut	2L:+:28537736-28537777	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_36872	DLKMYELMPEFR	AGAP006225-PA	M4(Oxidation),M8(Oxidation)	51	8.88E-05	1	1603.749	-0.23	Midgut	2L:+:28538159-28538194	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_36889	SKATGEPAMNMTVSVLCALR	AGAP006225-PA	C17(Carbamidomethyl),"M9(Oxidation),M11(Oxidation),C17(Carbamidomethyl)"	63	8.61E-06	1	2168.061	4.64	Malpighian tubule	2L:+:28539072-28539131	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_36912	ATLIACAAALAAHK	AGAP006225-PA	C6(Carbamidomethyl)	65	2.89E-06	2	1381.763	0.81	Ovary	2L:+:28537736-28537777	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_36923	LVMTLEANMEAIGK	AGAP006225-PA	M3(Oxidation),M9(Oxidation)	101	1.36E-09	1	1551.778	1.58	Malpighian tubule	2L:+:28537796-28537837	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_38643	HIDLIANVPVRNTGTIAGNLSIK	AGAP006225-PA	-	66	3.98E-07	1	2416.384	6.91	Malpighian tubule	2L:+:28536186-28536254	exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_38739	LVMTLEANMEAIGK	AGAP006225-PA	M3(Oxidation),M9(Oxidation)	95	4.53E-09	1	1551.782	4.02	Larva	2L:+:28537796-28537837	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_39355	FALNIAPELNASVK	AGAP006225-PA	-	65	3.01E-06	1	1486.833	4.42	Larva	2L:+:28536811-28536852	exon=> In CDS Exon 4 of transcript AGAP006225-PA

JHU_Ag_39450	GIAITPMR	AGAP006225-PA	M7(Oxidation)	38	0.003229585	1	874.482	0.21	Malpighian tubule	2L:+:28538267-28538290	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_39713	CQDIEDLTKICPK	AGAP006225-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	69	2.04E-06	2	1619.790	7.96	Malpighian tubule	2L:+:28535775-28535813	exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_43345	ADVKYDLR	AGAP006225-PA	-	48	0.00024426	2	979.523	2.47	Malpighian tubule	2L:+:28538195-28538218	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_43347	GFMGPHDEEIFCSEK	AGAP006225-PA	C12(Carbamidomethyl),"M3(Oxidation), C12(Carbamidomethyl)"	109	5.21E-11	1	1782.747	0.13	Midgut	2L:+:28537250-28537294	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_43494	ISIKPSANMTSPNAICTGGSMTSETVCFAVKK	AGAP006225-PA	M9(Oxidation), C16(Carbamidomethyl), M21(Oxidation), C27(Carbamidomethyl)	94	5.30E-09	1	3419.641	2.7	Malpighian tubule	2L:+:28538450-28538533,28538601-28538612	exon=> In CDS Exon 5 and 6 of transcript AGAP006225-PA
JHU_Ag_45412	SGGSVLDRPLSSGTQSFDTIKENWPLTK	AGAP006225-PA	-	167	2.09E-16	1	3020.546	4.55	Malpighian tubule	2L:+:28536865-28536948	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_47407	IIYHGQPVGLIVAETFSLANR	AGAP006225-PA	-	127	5.72E-13	1	2298.274	5.8	Larva	2L:+:28537295-28537357	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_47579	NAVLAAR	AGAP006225-PA	-	38	0.001036439	2	714.428	2.51	Malpighian tubule	2L:+:28539132-28539152	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_48267	DAPWETVVETSHFK	AGAP006225-PA	-	105	3.82E-10	1	1645.789	2.05	Midgut	2L:+:28538664-28538705	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_50837	ISIKPSANMTSPNAICTGGSMTSETVCFAVK	AGAP006225-PA	M9(Oxidation), C16(Carbamidomethyl), C27(Carbamidomethyl),"M9(Oxidation), C16(Carbamidomethyl), M21(Oxidation), C27(Carbamidomethyl)"	105	3.87E-10	1	3291.534	-0.81	Midgut	2L:+:28538450-28538533,28538601-28538609	exon=> In CDS Exon 5 and 6 of transcript AGAP006225-PA
JHU_Ag_51495	NAVLAAR	AGAP006225-PA	-	48	6.52E-05	2	714.426	0.21	Midgut	2L:+:28539132-28539152	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_51783	NCYDNKAWK	AGAP006225-PA	C2(Carbamidomethyl)	44	0.000373585	2	1198.535	2.99	Malpighian tubule	2L:+:28537973-28537999	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_52585	LEGSEIISSNICFGGIDPQFTHALK	AGAP006225-PA	C12(Carbamidomethyl)	125	3.76E-12	1	2733.361	2.08	Malpighian tubule	2L:+:28536583-28536657	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_53747	MYELMPEFR	AGAP006225-PA	M1(Oxidation), M5(Oxidation)	58	9.47E-06	1	1247.549	4.74	Larva	2L:+:28538168-28538194	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_53956	SGGSVLDRPLSSGTQSFDTIKENWPLTK	AGAP006225-PA	-	154	4.67E-15	1	3020.532	-0.28	Midgut	2L:+:28536865-28536948	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_56135	SSNATGVLR	AGAP006225-PA	-	57	3.44E-05	2	904.488	3.19	Larva	2L:+:28539045-28539071	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_57033	DIPGANNFMYFK	AGAP006225-PA	M9(Oxidation)	79	1.42E-07	1	1432.659	1.47	Malpighian tubule	2L:+:28537214-28537249	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_57610	VAQVAAYVLGIPMEK	AGAP006225-PA	M13(Oxidation)	79	1.30E-07	2	1588.875	-0.88	Midgut	2L:+:28538405-28538449	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_58155	EELKDAPWETVVETSHFK	AGAP006225-PA	-	97	3.12E-09	1	2145.050	0.17	Malpighian tubule	2L:+:28538652-28538705	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_58293	VQYGTTASVRYPTVK	AGAP006225-PA	-	87	1.91E-08	1	1669.900	5.75	Malpighian tubule	2L:+:28537376-28537420	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_58884	VQYGTTASVR	AGAP006225-PA	-	63	6.20E-06	1	1081.568	3.92	Larva	2L:+:28537376-28537405	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_59182	VAQVAAYVLGIPMEK	AGAP006225-PA	M13(Oxidation)	89	9.82E-09	1	1604.878	3.89	Larva	2L:+:28538405-28538449	exon=> In CDS Exon 5 of transcript AGAP006225-PA

JHU_Ag_60032	SSNATGVLR	AGAP006225-PA	-	59	2.27E-05	1	904.488	3.39	Malpighian tubule	2L:+:28539045-28539071	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_60300	FALNIAPELNASVK	AGAP006225-PA	-	39	0.001137072	1	1486.833	4.18	Head	2L:+:28536811-28536852	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_60816	LEGSEIISSNICFGGIDPQFTHALK	AGAP006225-PA	C12(Carbamidomethyl)	160	1.32E-15	1	2733.374	6.64	Larva	2L:+:28536583-28536657	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_61957	SSNATGVLR	AGAP006225-PA	-	46	0.000455063	2	904.485	0.15	Ovary	2L:+:28539045-28539071	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_62041	GAVTDSASNTWCR	AGAP006225-PA	C12(Carbamidomethyl)	47	0.000147335	2	1424.629	4.71	Pupa	2L:+:28538012-28538050	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_62323	GAVTDSASNTWCR	AGAP006225-PA	C12(Carbamidomethyl)	115	2.06E-11	1	1424.626	2.23	Malpighian tubule	2L:+:28538012-28538050	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_63587	QIDQFNR	AGAP006225-PA	-	37	0.003469468	2	920.459	0.65	Malpighian tubule	2L:+:28538225-28538245	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_63733	LGGGYGSK	AGAP006225-PA	-	43	0.00043516	2	738.379	0.98	Malpighian tubule	2L:+:28537703-28537726	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_63825	SGGSVLDRPLSSGTQSFDTIK	AGAP006225-PA	-	116	3.30E-11	1	2152.098	4.69	Larva	2L:+:28536865-28536927	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_65244	IEGLLQTSGEAK	AGAP006225-PA	-	93	7.68E-09	1	1245.672	2.4	Malpighian tubule	2L:+:28536961-28536996	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_66353	LEGSEIISSNICFGGIDPQFTHALK	AGAP006225-PA	C12(Carbamidomethyl)	137	2.86E-13	1	2733.356	0.41	Visceras	2L:+:28536583-28536657	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_67552	FALNIAPELNASVKNEYK	AGAP006225-PA	-	103	3.81E-10	1	2021.080	4.98	Malpighian tubule	2L:+:28536811-28536864	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_67878	SGGSVLDRPLSSGTQSFDTIKENWPLTK	AGAP006225-PA	-	194	4.41E-19	1	3020.543	3.4	Larva	2L:+:28536865-28536948	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_68614	LHNEYVHDFGSCLNESMGHCAEFFR	AGAP006225-PA	C12(Carbamidomethyl), M17(Oxidation), C20(Carbamidomethyl),"C12(Carbamidomethyl), C20(Carbamidomethyl)"	103	2.23E-10	1	3056.285	-0.84	Midgut	2L:+:28537898-28537972	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_70227	GAVTDSASNTWCR	AGAP006225-PA	C12(Carbamidomethyl)	111	5.19E-11	1	1424.622	-0.17	Midgut	2L:+:28538012-28538050	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_71233	YGVVSNYEVDVQK	AGAP006225-PA	-	72	8.30E-07	2	1499.738	0.51	Midgut	2L:+:28537841-28537879	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_71235	QNNNFSYFEHMVR	AGAP006225-PA	M11(Oxidation)	62	6.65E-06	1	1685.757	4.55	Malpighian tubule	2L:+:28536147-28536185	exon=> In CDS Exon 3 of transcript AGAP006225-PA
JHU_Ag_71593	YGVVSNYEVDVQKDGK	AGAP006225-PA	-	94	4.86E-09	2	1799.879	-1.05	Midgut	2L:+:28537841-28537888	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_71907	EELKDAPWETVVETSHFK	AGAP006225-PA	-	60	1.43E-05	1	2145.062	5.54	Larva	2L:+:28538652-28538705	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_72072	YPLGYFGSIHALVSIYHTDGTVAITHGGIEMGQGMNTK	AGAP006225-PA	M31(Oxidation), M35(Oxidation)	75	2.55E-07	1	4067.970	1.59	Midgut	2L:+:28538291-28538404	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_72323	DAPWETVVETSHFK	AGAP006225-PA	-	107	2.74E-10	1	1645.790	2.57	Malpighian tubule	2L:+:28538664-28538705	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_72466	DAPWETVVETSHFK	AGAP006225-PA	-	108	2.26E-10	1	1645.792	3.54	Larva	2L:+:28538664-28538705	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_72751	SSNATGVLR	AGAP006225-PA	-	58	3.15E-05	2	904.486	1.23	Midgut	2L:+:28539045-28539071	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_73116	MLQVPENSLNLYVR	AGAP006225-PA	M1(Oxidation), N7(Deamidated),M1(Oxidation)	105	3.79E-10	1	1691.887	4.69	Larva	2L:+:28537658-28537699	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_73513	GAVTDSASNTWCR	AGAP006225-PA	C12(Carbamidomethyl)	99	9.02E-10	1	1424.629	4.54	Larva	2L:+:28538012-28538050	exon=> In CDS Exon 5 of transcript AGAP006225-PA

JHU_Ag_74365	YPLGYFGSIHALVSIYHTDGTVAITHGGIEMGQGMNTK	AGAP006225-PA	M31(Oxidation), M35(Oxidation)	156	2.32E-15	1	4067.980	4.26	Malpighian tubule	2L:+:28538291-28538404	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_76078	IEGLLQTSGEAK	AGAP006225-PA	-	60	1.56E-05	2	1245.672	2.49	Pupa	2L:+:28536961-28536996	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_76322	IIYHGQPVGLIVAETFSLANR	AGAP006225-PA	-	154	1.47E-15	1	2298.264	1.52	Malpighian tubule	2L:+:28537295-28537357	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_78294	ATLIACAAALAAHK	AGAP006225-PA	C6(Carbamidomethyl)	68	1.43E-06	2	1381.760	-1.48	Male reproductive organs	2L:+:28537736-28537777	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_78934	LVMTLEANMEAIGKR	AGAP006225-PA	M3(Oxidation),"M3(Oxidation), M9(Oxidation)",M9(Oxidation)	95	4.14E-09	1	1707.879	1.27	Malpighian tubule	2L:+:28537796-28537840	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_80133	NQHNEFPSDLYLILEAANATLTILESQGK	AGAP006225-PA	-	128	1.55E-12	1	3229.650	3.74	Larva	2L:+:28536255-28536324,28536395-28536411	exon=> In CDS Exon 3 and 4 of transcript AGAP006225-PA
JHU_Ag_80328	GTRATLIACAAALAAHK	AGAP006225-PA	C9(Carbamidomethyl)	45	0.000171865	1	1695.941	5.27	Malpighian tubule	2L:+:28537727-28537777	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_80519	APGTTEGIAMVETIMEHVAHATGLDPLDVR	AGAP006225-PA	M10(Oxidation), M15(Oxidation)	172	7.95E-17	1	3163.554	4.38	Larva	2L:+:28538051-28538140	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_81342	ATGEPAMNMTVSVLCALR	AGAP006225-PA	M7(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl),"M9(Oxidation), C15(Carbamidomethyl)","M7(Oxidation), M9(Oxidation), C15(Carbamidomethyl)"	137	3.18E-13	1	1920.933	-0.5	Midgut	2L:+:28539078-28539131	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_81452	GAVTDSASNTWCR	AGAP006225-PA	C12(Carbamidomethyl)	63	3.16E-06	2	1424.623	0.34	Male reproductive organs	2L:+:28538012-28538050	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_83297	FALNIAPELNASVK	AGAP006225-PA	-	34	0.003876333	1	1486.828	1.3	Ovary	2L:+:28536811-28536852	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_84274	DLKMYELMPEFR	AGAP006225-PA	M4(Oxidation), M8(Oxidation)	52	8.83E-05	1	1603.758	5.25	Larva	2L:+:28538159-28538194	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_84726	YGVVSNYEVDVQKDGK	AGAP006225-PA	-	99	1.97E-09	1	1799.889	4.65	Malpighian tubule	2L:+:28537841-28537888	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_86653	NVDLCATYMYK	AGAP006225-PA	C5(Carbamidomethyl), M9(Oxidation)	94	3.40E-09	1	1393.617	3.35	Larva	2L:+:28538706-28538738	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_87852	LHDMPYSTLGEEFEAAPEGAIKVK	AGAP006225-PA	M4(Oxidation)	88	2.09E-08	1	2648.308	6.15	Malpighian tubule	2L:+:28537451-28537522	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_87867	SKATGEPAMNMTVSVLCALR	AGAP006225-PA	M9(Oxidation), M11(Oxidation), C17(Carbamidomethyl)	70	1.51E-06	1	2168.062	5.32	Larva	2L:+:28539072-28539131	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_90774	NQHNEFPSDLYLILEAANATLTILESQGK	AGAP006225-PA	-	153	5.19E-15	1	3229.648	3.17	Malpighian tubule	2L:+:28536255-28536324,28536395-28536411	exon=> In CDS Exon 3 and 4 of transcript AGAP006225-PA
JHU_Ag_92125	VQYGTTASVR	AGAP006225-PA	-	66	2.66E-06	1	1081.565	1.66	Malpighian tubule	2L:+:28537376-28537405	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_94239	LHDMPYSTLGEEFEAAPEGAIK	AGAP006225-PA	M4(Oxidation)	96	4.00E-09	1	2405.131	-0.73	Midgut	2L:+:28537451-28537516	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_94446	NQHNEFPSDLYLILEAANATLTILESQGK	AGAP006225-PA	-	112	6.82E-11	1	3229.637	-0.23	Midgut	2L:+:28536255-28536324,28536395-28536411	exon=> In CDS Exon 3 and 4 of transcript AGAP006225-PA
JHU_Ag_96465	ATLIACAAALAAHK	AGAP006225-PA	C6(Carbamidomethyl)	95	2.97E-09	2	1381.763	0.28	Malpighian tubule	2L:+:28537736-28537777	exon=> In CDS Exon 5 of transcript AGAP006225-PA

JHU_Ag_96861	MEVIFSINAKPYQINSTSVPVDTSLNTFIR	AGAP006225-PA	N-Term(Acetyl), M1(Oxidation)	112	4.33E-11	1	3442.757	0.16	Malpighian tubule	2L:+:28535006-28535045,28535222-28535271	exon=> In CDS Exon 1 and 2 of transcript AGAP006225-PA
JHU_Ag_97809	LHDMPYSTLGEEFEAAPEGAIK	AGAP006225-PA	M4(Oxidation)	162	9.15E-16	1	2421.132	1.81	Malpighian tubule	2L:+:28537451-28537516	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_98321	AQNAHAYVNGAFLLK	AGAP006225-PA	N9(Deamidated),"N3(Deamidated), N9(Deamidated)"	106	5.17E-10	1	1617.839	0.6	Midgut	2L:+:28536538-28536582	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_98326	ENWPLTK	AGAP006225-PA	-	40	0.001178065	1	887.462	-0.16	Midgut	2L:+:28536928-28536948	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_98754	GAVTDSASNTWCR	AGAP006225-PA	C12(Carbamidomethyl)	90	7.33E-09	1	1424.624	1.45	Head	2L:+:28538012-28538050	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_98908	SGGSVLDRPLSSGTQSFDTIKENWPLTK	AGAP006225-PA	-	61	8.74E-06	1	3020.551	6.18	Head	2L:+:28536865-28536948	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_99580	GIAITPMRYPLGYFGSIHALVSIYHTDGTVAITHGGIEMGQGMNTK	AGAP006225-PA	M7(Oxidation), M39(Oxidation), M43(Oxidation)	99	6.77E-10	1	4923.461	6.9	Larva	2L:+:28538267-28538404	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_100807	IEGLLQTSGEAK	AGAP006225-PA	-	58	2.63E-05	2	1245.673	3.38	Head	2L:+:28536961-28536996	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_101239	FALNIAPELNASVKNEYK	AGAP006225-PA	-	34	0.003603184	3	2021.069	-0.52	Larva	2L:+:28536811-28536864	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_102125	MYELMPEFR	AGAP006225-PA	M1(Oxidation), M5(Oxidation)	47	0.000103288	1	1247.544	0.63	Malpighian tubule	2L:+:28538168-28538194	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_102943	MLQVPENSLNLYVR	AGAP006225-PA	M1(Oxidation), N7(Deamidated),M1(Oxidation)	103	6.49E-10	2	1675.884	0.03	Midgut	2L:+:28537658-28537699	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_103559	LHNEYVHDFGSCLNESMGHCAEFFR	AGAP006225-PA	C12(Carbamidomethyl), M17(Oxidation), C20(Carbamidomethyl)	184	1.60E-18	1	3072.286	1.3	Malpighian tubule	2L:+:28537898-28537972	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_107021	AQNAHAYVNGAFLLK	AGAP006225-PA	N9(Deamidated)	110	1.93E-10	1	1617.839	0.3	Malpighian tubule	2L:+:28536538-28536582	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_107663	NIPKIEGLLQTSGEAK	AGAP006225-PA	-	89	5.29E-09	1	1697.954	6.02	Malpighian tubule	2L:+:28536949-28536996	exon=> In CDS Exon 4 of transcript AGAP006225-PA
JHU_Ag_109261	APGTTEGIAMVETIMEHVAHATGLDPLDVR	AGAP006225-PA	M10(Oxidation), M15(Oxidation),M10(Oxidation)	165	4.05E-16	1	3147.564	5.97	Malpighian tubule	2L:+:28538051-28538140	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_109673	ISIKPSANMTSPNAICTGGSMTSETVCFAVK	AGAP006225-PA	M9(Oxidation), C16(Carbamidomethyl), M21(Oxidation), C27(Carbamidomethyl)	127	2.17E-12	1	3291.553	4.87	Larva	2L:+:28538450-28538533,28538601-28538609	exon=> In CDS Exon 5 and 6 of transcript AGAP006225-PA
JHU_Ag_111973	TDAGLPNDWVQLGAPSTPDQVYLMAGNSAEQYLLN	AGAP006225-PA	M24(Oxidation)	95	3.62E-09	1	3764.771	-0.94	Malpighian tubule	2L:+:28539153-28539257	exon=> In CDS Exon 6 of transcript AGAP006225-PA
JHU_Ag_115749	GAVTDSASNTWCR	AGAP006225-PA	C12(Carbamidomethyl)	66	1.69E-06	2	1424.622	-0.43	Ovary	2L:+:28538012-28538050	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_116044	DIPGANNFMYFK	AGAP006225-PA	N6(Deamidated), M9(Oxidation),M9(Oxidation)	70	1.01E-06	2	1416.661	-0.2	Midgut	2L:+:28537214-28537249	exon=> In CDS Exon 5 of transcript AGAP006225-PA
JHU_Ag_24219	HIDLIANVPVR	AGAP006225-PA,AGAP006220-PA	-	50	3.41E-05	2	1246.727	0.62	Ovary	2L:+:28536186-28536218;2L:+:28514864-28514896	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 5 of transcript AGAP006220-PA
JHU_Ag_26645	TWTYKPPGAK	AGAP006225-PA,AGAP006220-PA	-	46	0.000318486	1	1148.614	3.19	Malpighian tubule	2L:+:28538976-28539005;2L:+:28517396-28517425	exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA
JHU_Ag_31687	TWTYKPPGAK	AGAP006225-PA,AGAP006220-PA	-	52	9.43E-05	1	1148.614	3.93	Larva	2L:+:28538976-28539005;2L:+:28517396-28517425	exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA

JHU_Ag_43606	HIDLIANVPVR	AGAP006225-PA,AGAP006220-PA	-	96	8.20E-10	1	1246.728	1.01	Malpighian tubule	2L:+:28536186-28536218;2L:+:28514864-28514896	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 5 of transcript AGAP006220-PA
JHU_Ag_48274	HIDLIANVPVR	AGAP006225-PA,AGAP006220-PA	-	49	4.97E-05	2	1246.726	-0.46	Visceras	2L:+:28536186-28536218;2L:+:28514864-28514896	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 5 of transcript AGAP006220-PA
JHU_Ag_66692	ACEILLER	AGAP006225-PA,AGAP006220-PA	C2(Carbamidomethyl)	49	0.000236506	2	1003.523	-0.84	Ovary	2L:+:28538613-28538636;2L:+:28517033-28517056	exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA
JHU_Ag_75901	KACEILLER	AGAP006225-PA,AGAP006220-PA	C3(Carbamidomethyl)	76	3.70E-07	2	1131.621	1.25	Malpighian tubule	2L:+:28538610-28538636;2L:+:28517030-28517056	exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA
JHU_Ag_79762	ACEILLER	AGAP006225-PA,AGAP006220-PA	C2(Carbamidomethyl)	57	3.91E-05	1	1003.526	1.77	Malpighian tubule	2L:+:28538613-28538636;2L:+:28517033-28517056	exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA
JHU_Ag_92670	ACEILLER	AGAP006225-PA,AGAP006220-PA	C2(Carbamidomethyl)	57	5.12E-05	2	1003.528	3.66	Larva	2L:+:28538613-28538636;2L:+:28517033-28517056	exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA
JHU_Ag_117678	HIDLIANVPVR	AGAP006225-PA,AGAP006220-PA	-	71	2.36E-07	1	1246.732	4.54	Larva	2L:+:28536186-28536218;2L:+:28514864-28514896	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 5 of transcript AGAP006220-PA
JHU_Ag_65658	LPGVVAFYSAK	AGAP006225-PA,AGAP006221-PA	-	65	1.83E-06	1	1151.649	2.71	Larva	2L:+:28537181-28537213;2L:+:28521770-28521802	exon=> In CDS Exon 5 of transcript AGAP006225-PA;exon=> In CDS Exon 7 of transcript AGAP006221-PA
JHU_Ag_77938	LPGVVAFYSAK	AGAP006225-PA,AGAP006221-PA	-	71	6.26E-07	1	1151.647	1.02	Malpighian tubule	2L:+:28537181-28537213;2L:+:28521770-28521802	exon=> In CDS Exon 5 of transcript AGAP006225-PA;exon=> In CDS Exon 7 of transcript AGAP006221-PA
JHU_Ag_3401	TSTVRPSQYVTMNMNKK	AGAP006225-PA,AGAP006224-PA	M12(Oxidation), M14(Oxidation)	45	0.000462804	1	2016.993	4.52	Larva	2L:+:28536412-28536462;2L:+:28530166-28530216	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_12105	NLALSLFYK	AGAP006225-PA,AGAP006224-PA	-	55	1.64E-05	1	1068.609	-0.14	Malpighian tubule	2L:+:28536784-28536810;2L:+:28530538-28530564	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_14562	GLHLSFEEQK	AGAP006225-PA,AGAP006224-PA	-	43	0.000810067	1	1187.606	0.48	Malpighian tubule	2L:+:28535871-28535900;2L:+:28529625-28529654	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_14840	KNLALSLFYK	AGAP006225-PA,AGAP006224-PA	-	70	2.88E-07	2	1196.708	3.55	Larva	2L:+:28536781-28536810;2L:+:28530535-28530564	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_15305	TLAAELNPDWVLPDAAPEYRK	AGAP006225-PA,AGAP006224-PA	-	129	1.38E-12	1	2369.223	3.72	Larva	2L:+:28536721-28536783;2L:+:28530475-28530537	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_16502	TSSVGSSLTVGAGTSLTELMDLLTNTAK	AGAP006225-PA,AGAP006224-PA	M20(Oxidation)	165	3.07E-16	1	2770.407	1.51	Malpighian tubule	2L:+:28536063-28536146;2L:+:28529817-28529900	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_26882	GKVTMEEIENSFGGNICR	AGAP006225-PA,AGAP006224-PA	M5(Oxidation), C17(Carbamidomethyl)	70	1.24E-06	1	2056.946	1.41	Malpighian tubule	2L:+:28535646-28535699;2L:+:28529400-28529453	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_28124	TLAAELNPDWVLPDAAPEYRK	AGAP006225-PA,AGAP006224-PA	-	116	2.98E-11	1	2369.216	0.86	Malpighian tubule	2L:+:28536721-28536783;2L:+:28530475-28530537	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_28933	NHAHLSGTK	AGAP006225-PA,AGAP006224-PA	-	54	5.10E-05	1	964.497	0.79	Malpighian tubule	2L:+:28535272-28535298;2L:+:28529025-28529051	exon=> In CDS Exon 2 of transcript AGAP006225-PA;exon=> In CDS Exon 2 of transcript AGAP006224-PA

JHU_Ag_29739	ALAVDADPK	AGAP006225-PA,AGAP006224-PA	-	39	0.000910515	2	899.483	-0.08	Malpighian tubule	2L:+:28535736-28535762;2L:+:28529490-28529516	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_39874	VYNVSDIFAIFESIGDKPYTLIGGNTAHGVYR	AGAP006225-PA,AGAP006224-PA	-	92	5.30E-09	1	3516.803	6.67	Larva	2L:+:28535913-28536008;2L:+:28529667-28529762	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_42777	LLAHFNGTQCGYCSPGMVMNMYSLLEAK	AGAP006225-PA,AGAP006224-PA	N6(Deamidated), C10(Carbamidomethyl), C13(Carbamidomethyl), M17(Oxidation), M19(Oxidation), M21(Oxidation),"C10(Carbamidomethyl), C13(Carbamidomethyl), M17(Oxidation), M19(Oxidation), M21(Oxidation)"	121	6.24E-12	1	3240.430	0.21	Malpighian tubule	2L:+:28535559-28535642;2L:+:28529313-28529396	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_43704	GLHLSFEEQKEWHK	AGAP006225-PA,AGAP006224-PA	-	57	3.42E-05	1	1767.885	1.77	Malpighian tubule	2L:+:28535871-28535912;2L:+:28529625-28529666	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_46263	GKNLLTNETIQGALK	AGAP006225-PA,AGAP006224-PA	-	105	1.18E-10	1	1599.914	4.36	Larva	2L:+:28536676-28536720;2L:+:28530430-28530474	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_47034	TLAAELNPDWVLPDAAPEYR	AGAP006225-PA,AGAP006224-PA	-	151	1.19E-14	1	2241.123	1.84	Malpighian tubule	2L:+:28536721-28536780;2L:+:28530475-28530534	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_48599	KLLLNVILPPLYPSVYVYR	AGAP006225-PA,AGAP006224-PA	-	95	2.12E-10	1	2260.346	-0.54	Malpighian tubule	2L:+:28536460-28536516;2L:+:28530214-28530270	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_52982	KNLALSLFYK	AGAP006225-PA,AGAP006224-PA	-	60	2.81E-06	1	1196.706	1.75	Malpighian tubule	2L:+:28536781-28536810;2L:+:28530535-28530564	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_54644	VTMEEIENSFGGNICR	AGAP006225-PA,AGAP006224-PA	M3(Oxidation), C15(Carbamidomethyl)	132	5.69E-13	1	1871.827	0.53	Malpighian tubule	2L:+:28535652-28535699;2L:+:28529406-28529453	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_60083	NLLTNETIQGALK	AGAP006225-PA,AGAP006224-PA	-	51	6.96E-05	2	1414.792	1.47	Ovary	2L:+:28536682-28536720;2L:+:28530436-28530474	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_60938	VYNVSDIFAIFESIGDKPYTLIGGNTAHGVYR	AGAP006225-PA,AGAP006224-PA	-	158	1.29E-15	1	3516.793	3.67	Malpighian tubule	2L:+:28535913-28536008;2L:+:28529667-28529762	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_63045	TEEFLK	AGAP006225-PA,AGAP006224-PA	-	36	0.001985836	1	766.402	4.56	Larva	2L:+:28536658-28536675;2L:+:28530412-28530429	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_64376	ALAVDADPK	AGAP006225-PA,AGAP006224-PA	-	41	0.000660126	2	899.486	2.91	Larva	2L:+:28535736-28535762;2L:+:28529490-28529516	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_66656	NLALSLFYK	AGAP006225-PA,AGAP006224-PA	-	34	0.001965409	2	1068.611	1.91	Visceras	2L:+:28536784-28536810;2L:+:28530538-28530564	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_67666	KLLLNVILPPLYPSVYVYR	AGAP006225-PA,AGAP006224-PA	-	90	5.33E-10	1	2260.357	4.32	Larva	2L:+:28536460-28536516;2L:+:28530214-28530270	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA

JHU_Ag_71999	LLLNVILPPLYPSVYVYR	AGAP006225-PA,AGAP006224-PA	-	84	2.52E-09	1	2132.257	2.46	Malpighian tubule	2L:+:28536463-28536516;2L:+:28530217-28530270	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_72628	TLAAELNPDWVLPDAAPEYR	AGAP006225-PA,AGAP006224-PA	-	104	4.94E-10	1	2241.125	2.6	Larva	2L:+:28536721-28536780;2L:+:28530475-28530534	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_74897	CQDIEDLTK	AGAP006225-PA,AGAP006224-PA	C1(Carbamidomethyl)	55	3.98E-05	1	1121.516	1.27	Malpighian tubule	2L:+:28535775-28535801;2L:+:28529529-28529555	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_76004	NLALSLFYK	AGAP006225-PA,AGAP006224-PA	-	54	1.77E-05	1	1068.611	2.14	Larva	2L:+:28536784-28536810;2L:+:28530538-28530564	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_81571	NTGTIAGNLSIK	AGAP006225-PA,AGAP006224-PA	-	58	1.76E-05	2	1188.664	4.96	Larva	2L:+:28536219-28536254;2L:+:28529973-28530008	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_81674	LLLNVILPPLYPSVYVYR	AGAP006225-PA,AGAP006224-PA	-	98	6.97E-11	1	2132.262	4.61	Larva	2L:+:28536463-28536516;2L:+:28530217-28530270	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_83428	TEEFLK	AGAP006225-PA,AGAP006224-PA	-	43	0.000428039	1	766.399	1.59	Malpighian tubule	2L:+:28536658-28536675;2L:+:28530412-28530429	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_87067	TSTVRPSQYVTMNMNK	AGAP006225-PA,AGAP006224-PA	M12(Oxidation), M14(Oxidation)	66	4.91E-06	1	1888.891	1.08	Malpighian tubule	2L:+:28536412-28536459;2L:+:28530166-28530213	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_91933	TSTVRPSQYVTMNMNK	AGAP006225-PA,AGAP006224-PA	M12(Oxidation), M14(Oxidation),"M12(Oxidation), N13(Deamidated), M14(Oxidation)"	80	1.60E-07	1	1888.894	2.53	Larva	2L:+:28536412-28536459;2L:+:28530166-28530213	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_103578	NTGTIAGNLSIK	AGAP006225-PA,AGAP006224-PA	-	46	0.000264493	2	1188.658	0.03	Ovary	2L:+:28536219-28536254;2L:+:28529973-28530008	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_106414	NLLTNETIQGALK	AGAP006225-PA,AGAP006224-PA	N1(Deamidated), N5(Deamidated)	98	1.21E-09	1	1414.795	3.71	Larva	2L:+:28536682-28536720;2L:+:28530436-28530474	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_108293	TLAAELNPDWVLPDAAPEYRK	AGAP006225-PA,AGAP006224-PA	-	48	0.000203315	1	2369.215	0.39	Ovary	2L:+:28536721-28536783;2L:+:28530475-28530537	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_108793	GKVTMEEIENSFGGNICR	AGAP006225-PA,AGAP006224-PA	M5(Oxidation), C17(Carbamidomethyl)	41	0.000909886	3	2056.951	3.81	Larva	2L:+:28535646-28535699;2L:+:28529400-28529453	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_110011	LLAHFNGTQCGYCSPGMVMNMYSLLEAK	AGAP006225-PA,AGAP006224-PA	Q9(Deamidated), C10(Carbamidomethyl), C13(Carbamidomethyl), M17(Oxidation), M19(Oxidation), M21(Oxidation),"N6(Deamidated), C10(Carbamidomethyl), C13(Carbamidomethyl), M17(Oxidation), M19(Oxidation), M21(Oxidation)"	79	9.56E-08	1	3241.423	2.92	Larva	2L:+:28535559-28535642;2L:+:28529313-28529396	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA

JHU_Ag_111856	NTGTIAGNLSIK	AGAP006225-PA,AGAP006224-PA	-	69	1.50E-06	1	1188.658	0.03	Malpighian tubule	2L:+:28536219-28536254;2L:+:28529973-28530008	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA
JHU_Ag_114281	NLLTNETIQGALK	AGAP006225-PA,AGAP006224-PA	Q9(Deamidated)	106	2.20E-10	1	1414.791	0.52	Malpighian tubule	2L:+:28536682-28536720;2L:+:28530436-28530474	exon=> In CDS Exon 4 of transcript AGAP006225-PA;exon=> In CDS Exon 4 of transcript AGAP006224-PA
JHU_Ag_90983	CTGYRPILDAFK	AGAP006225-PA,AGAP006224-PA,AGAP006220-PA,AGAP006221-PA,AGAP005636-PA,AGAP005637-PA,AGAP005638-PA,AGAP012569-PA	C1(Carbamidomethyl)	70	1.36E-06	1	1440.732	1.4	Malpighian tubule	2L:+:28535700-28535735;2L:+:28529454-28529489;2L:+:28514310-28514345;2L:+:28520159-28520194;2L:-:18078491-18078456;2L:+:18081053-18081088;2L:+:18086986-18087021;UNKN:-:16940046-16940011	exon=> In CDS Exon 3 of transcript AGAP006225-PA;exon=> In CDS Exon 3 of transcript AGAP006224-PA;exon=> In CDS Exon 4 of transcript AGAP006220-PA;exon=> In CDS Exon 3 of transcript AGAP006221-PA;exon=> In CDS Exon 3 of transcript AGAP005636-PA;exon=> In CDS Exon 3 of transcript AGAP005637-PA;exon=> In CDS Exon 3 of transcript AGAP005638-PA;exon=> In CDS Exon 3 of transcript AGAP012569-PA
JHU_Ag_2119	HLDLIANVPVR	AGAP006226-PA	-	50	3.41E-05	2	1246.727	0.62	Ovary	2L:+:28542294-28542326	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_2540	HLDLIANVPVR	AGAP006226-PA	-	77	7.20E-08	1	1246.724	-1.83	Head	2L:+:28542294-28542326	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_4269	QTYDTIQEHWPVTK	AGAP006226-PA	-	80	1.58E-07	1	1745.851	0.79	Malpighian tubule	2L:+:28543011-28543052	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_6393	EQHPEESWEAITQR	AGAP006226-PA	-	66	3.08E-06	2	1739.800	0.75	Midgut	2L:+:28544613-28544654	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_6477	LGLDPLAVR	AGAP006226-PA	-	59	2.56E-06	2	953.577	-0.48	Midgut	2L:+:28544142-28544168	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_8354	VPENSLNFR	AGAP006226-PA	-	46	0.000445767	1	1075.554	1.04	Malpighian tubule	2L:+:28543692-28543718	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_8635	DIPVDFRVK	AGAP006226-PA	-	36	0.002400609	1	1088.614	3.91	Malpighian tubule	2L:+:28544967-28544993	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_10520	VMGHSVLTESASTTYCR	AGAP006226-PA	M2(Oxidation), C16(Carbamidomethyl)	56	2.34E-05	1	1914.870	1.03	Malpighian tubule	2L:+:28544028-28544078	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_11246	QLALSLFYR	AGAP006226-PA	-	48	0.000103956	2	1110.630	-0.75	Midgut	2L:+:28542888-28542914	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_11574	EGGCGACIVNVSGQHPVTK	AGAP006226-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	66	3.61E-06	2	1969.921	-0.7	Midgut	2L:+:28541364-28541420	exon=> In CDS Exon 2 of transcript AGAP006226-PA
JHU_Ag_12844	LGLDPLAVR	AGAP006226-PA	-	39	0.00024444	2	953.577	-0.48	Visceras	2L:+:28544142-28544168	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_12870	HLDLIANVPVR	AGAP006226-PA	-	49	4.97E-05	2	1246.726	-0.46	Visceras	2L:+:28542294-28542326	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_14366	VENVQTIFK	AGAP006226-PA	-	63	5.96E-06	1	1077.595	0.56	Malpighian tubule	2L:+:28541967-28541993	exon=> In CDS Exon 3 of transcript AGAP006226-PA
JHU_Ag_15611	GVPINPLYASGTQLGK	AGAP006226-PA	-	80	7.12E-08	2	1614.885	0.23	Malpighian tubule	2L:+:28542942-28542989	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_16049	ASQVACACAIAAHYSQRPVR	AGAP006226-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	80	1.67E-07	1	2216.093	5.41	Malpighian tubule	2L:+:28543761-28543820	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_19804	DIPGSNNFMPTELGNK	AGAP006226-PA	-	69	2.22E-06	2	1733.814	-1.38	Midgut	2L:+:28543242-28543289	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_20893	LEGYHPAQR	AGAP006226-PA	-	38	0.001537943	2	1070.538	-0.03	Midgut	2L:+:28541580-28541606	exon=> In CDS Exon 3 of transcript AGAP006226-PA

JHU_Ag_21024	IILNILLYPLDPEQYSLR	AGAP006226-PA	-	75	8.34E-08	1	2173.227	0.08	Malpighian tubule	2L:+:28542567-28542620	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_21675	AGVVAFYSAR	AGAP006226-PA	-	53	4.26E-05	1	1040.554	1.07	Malpighian tubule	2L:+:28543212-28543241	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_22738	NVGTIAGNLSIK	AGAP006226-PA	-	60	1.10E-05	2	1186.679	-0.16	Midgut	2L:+:28542327-28542362	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_22979	GPGTNEGISMAENMMEHIAHR	AGAP006226-PA	M10(Oxidation), M14(Oxidation), M15(Oxidation)	56	1.47E-05	1	2330.000	1.59	Malpighian tubule	2L:+:28544079-28544141	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_23610	EFPSDVYLLLEGVGAR	AGAP006226-PA	-	107	2.61E-10	1	1764.925	4.93	Malpighian tubule	2L:+:28542375-28542422	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_25873	VVEIVYGPPDGEPILPTVKDVIR	AGAP006226-PA	-	35	0.000522724	1	2505.411	5.98	Malpighian tubule	2L:+:28543392-28543460	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_27280	ELLPMFAQDVEYEAR	AGAP006226-PA	M5(Oxidation)	77	2.71E-07	2	1810.868	0.13	Midgut	2L:+:28544202-28544246	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_27929	THNENFVLR	AGAP006226-PA	-	46	0.000299942	2	1129.575	-0.36	Midgut	2L:+:28545006-28545032	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_28530	KQLALSLFYR	AGAP006226-PA	-	38	0.000487665	1	1238.725	-0.46	Malpighian tubule	2L:+:28542885-28542914	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_28752	IEARPYMLVAGNTATGVYR	AGAP006226-PA	M7(Oxidation)	79	1.46E-07	1	2098.076	0.65	Malpighian tubule	2L:+:28542006-28542051,28542109-28542119	exon=> In CDS Exon 3 and 4 of transcript AGAP006226-PA
JHU_Ag_29541	VLYHGQPVGIVLAETYDEAYR	AGAP006226-PA	Q6(Deamidated)	82	8.99E-08	1	2393.216	1.02	Midgut	2L:+:28543320-28543382	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_29559	YETGAGPIR	AGAP006226-PA	-	63	8.47E-06	1	963.490	0.28	Malpighian tubule	2L:+:28543515-28543541	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_29991	VEGLSQTAGEADYTDDLPNLPGQLFGAFVLATKPR	AGAP006226-PA	-	154	2.91E-15	1	3690.874	2.43	Malpighian tubule	2L:+:28543065-28543169	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_30737	VEGLSQTAGEADYTDDLPNLPGQLFGAFVLATKPR	AGAP006226-PA	-	101	5.22E-10	1	3690.888	6.2	Midgut	2L:+:28543065-28543169	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_30880	LIVSLEDNMAAIGKR	AGAP006226-PA	M9(Oxidation)	57	1.94E-05	1	1645.896	1.29	Malpighian tubule	2L:+:28543821-28543865	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_31977	SLAIDADPK	AGAP006226-PA	-	46	0.000289952	1	929.495	1.24	Malpighian tubule	2L:+:28541784-28541810	exon=> In CDS Exon 3 of transcript AGAP006226-PA
JHU_Ag_33687	HLDLIANVPVR	AGAP006226-PA	-	71	2.36E-07	1	1246.732	4.54	Larva	2L:+:28542294-28542326	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_33905	ELLPMFAQDVEYEAR	AGAP006226-PA	M5(Oxidation)	75	4.35E-07	1	1826.868	2.91	Malpighian tubule	2L:+:28544202-28544246	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_34423	LLEVCQDIEEVPK	AGAP006226-PA	C5(Carbamidomethyl)	102	8.03E-10	1	1571.802	1.87	Malpighian tubule	2L:+:28541811-28541849	exon=> In CDS Exon 3 of transcript AGAP006226-PA
JHU_Ag_34570	TTGEPALNMTVSLLFALR	AGAP006226-PA	M9(Oxidation)	87	1.58E-08	1	1950.037	0.29	Midgut	2L:+:28545039-28545092	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_34703	LGGAFGAK	AGAP006226-PA	-	42	0.0006668	1	720.405	0.97	Malpighian tubule	2L:+:28543728-28543751	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_34849	IVSIDPSEALTR	AGAP006226-PA	-	53	6.48E-05	2	1300.710	-0.3	Midgut	2L:+:28543176-28543211	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_35625	VVEIVYGPPDGEPILPTVK	AGAP006226-PA	-	87	1.02E-08	1	2022.116	0.13	Midgut	2L:+:28543392-28543448	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_35728	ANSSTVPIDTSLGTYLR	AGAP006226-PA	-	85	3.65E-08	2	1794.923	-0.14	Midgut	2L:+:28540933-28540933,28541275-28541324	exon=> In CDS Exon 1 and 2 of transcript AGAP006226-PA
JHU_Ag_36992	LIVSLEDNMAAIGKR	AGAP006226-PA	M9(Oxidation)	84	3.76E-08	2	1645.895	0.19	Midgut	2L:+:28543821-28543865	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_38479	VNYFNDALTIGANVSLTELMIILEEATTAK	AGAP006226-PA	M20(Oxidation)	31	0.00556957	1	3270.693	3.57	Malpighian tubule	2L:+:28542174-28542263	exon=> In CDS Exon 4 of transcript AGAP006226-PA

JHU_Ag_40942	IVTVEEYLSMNMSK	AGAP006226-PA	M10(Oxidation), M12(Oxidation)	85	4.22E-08	1	1675.791	-0.31	Malpighian tubule	2L:+:28542522-28542563	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_41513	EGGCGACIVNVSGQHPVTK	AGAP006226-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	110	1.47E-10	1	1969.929	3.76	Malpighian tubule	2L:+:28541364-28541420	exon=> In CDS Exon 2 of transcript AGAP006226-PA
JHU_Ag_41706	GYEYCR	AGAP006226-PA	C5(Carbamidomethyl)	26	0.002023438	2	847.340	-0.66	Midgut	2L:+:28542264-28542281	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_42985	QTYDTIQEHWPVTK	AGAP006226-PA	-	60	1.61E-05	1	1745.847	-1.16	Midgut	2L:+:28543011-28543052	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_46621	ANSSTVPIDTSLGTYLR	AGAP006226-PA	-	73	6.96E-07	2	1794.924	0.2	Malpighian tubule	2L:+:28540933-28540933,28541275-28541324	exon=> In CDS Exon 1 and 2 of transcript AGAP006226-PA
JHU_Ag_46906	YETGAGPIR	AGAP006226-PA	-	46	0.000502895	2	963.489	-0.23	Midgut	2L:+:28543515-28543541	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_47528	LIVSLEDNMAAIGK	AGAP006226-PA	M9(Oxidation)	102	9.21E-10	1	1489.796	1.63	Malpighian tubule	2L:+:28543821-28543862	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_48133	AVLSIAADR	AGAP006226-PA	-	57	3.31E-05	2	915.527	1.27	Malpighian tubule	2L:+:28542915-28542941	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_49874	KQLALSLFYR	AGAP006226-PA	-	62	1.75E-06	2	1238.725	-0.47	Midgut	2L:+:28542885-28542914	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_52588	YEIEVDER	AGAP006226-PA	-	52	7.80E-05	1	1052.492	2.11	Malpighian tubule	2L:+:28543884-28543907	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_55036	AVLSIAADR	AGAP006226-PA	-	57	3.50E-05	2	915.526	0.54	Midgut	2L:+:28542915-28542941	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_56019	ALRVPENSLNFR	AGAP006226-PA	-	53	4.79E-05	1	1415.784	5.86	Malpighian tubule	2L:+:28543683-28543718	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_58476	HLDLIANVPVR	AGAP006226-PA	-	48	5.80E-05	3	1246.727	-0.03	Midgut	2L:+:28542294-28542326	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_58488	HLDLIANVPVRNVGTIAGNLSIK	AGAP006226-PA	N12(Deamidated), N19(Deamidated)	66	3.98E-07	1	2416.384	11.56	Malpighian tubule	2L:+:28542294-28542362	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_58947	QVEEIFCSDR	AGAP006226-PA	C7(Carbamidomethyl)	48	0.000149268	2	1282.576	2	Malpighian tubule	2L:+:28543290-28543319	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_59918	HLDLIANVPVR	AGAP006226-PA	-	96	8.20E-10	1	1246.728	1.01	Malpighian tubule	2L:+:28542294-28542326	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_62033	AVNSCLFPLFSCNGLDIVTIEGIGNK	AGAP006226-PA	C5(Carbamidomethyl), C12(Carbamidomethyl)	128	1.92E-12	1	2838.422	2.04	Malpighian tubule	2L:+:28541436-28541447,28541514-28541579	exon=> In CDS Exon 2 and 3 of transcript AGAP006226-PA
JHU_Ag_66131	LTIATSTTSTK	AGAP006226-PA	-	61	6.42E-06	2	1123.621	0.33	Malpighian tubule	2L:+:28542423-28542432,28542499-28542521	exon=> In CDS Exon 4 and 5 of transcript AGAP006226-PA
JHU_Ag_67606	NVGTIAGNLSIK	AGAP006226-PA	N1(Deamidated)	70	9.87E-07	1	1186.680	0.56	Malpighian tubule	2L:+:28542327-28542362	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_68034	VPENSLNFR	AGAP006226-PA	-	66	4.56E-06	1	1075.554	0.47	Midgut	2L:+:28543692-28543718	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_68406	HLDLIANVPVR	AGAP006226-PA	-	53	1.75E-05	1	1246.726	-0.16	Salivary gland	2L:+:28542294-28542326	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_72356	IVTVEEYLSMNMSK	AGAP006226-PA	M10(Oxidation), M12(Oxidation)	61	1.06E-05	2	1643.807	3.01	Midgut	2L:+:28542522-28542563	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_72694	EFPSDVYLLLEGVGAR	AGAP006226-PA	-	103	8.10E-10	1	1764.918	0.57	Midgut	2L:+:28542375-28542422	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_72723	GPGTNEGISMAENMMEHIAHR	AGAP006226-PA	M10(Oxidation), M15(Oxidation),"M10(Oxidation), M14(Oxidation)"	60	7.08E-06	1	2313.998	-1.2	Midgut	2L:+:28544079-28544141	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_74330	GVPINPLYASGTQLGK	AGAP006226-PA	-	69	9.99E-07	2	1614.884	-0.53	Midgut	2L:+:28542942-28542989	exon=> In CDS Exon 5 of transcript AGAP006226-PA

JHU_Ag_74468	LIVSLEDNMAAIGK	AGAP006226-PA	M9(Oxidation)	90	1.53E-08	2	1489.793	-0.17	Midgut	2L:+:28543821-28543862	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_77670	IILNILLYPLDPEQYSLR	AGAP006226-PA	-	51	1.80E-05	1	2173.225	-0.98	Midgut	2L:+:28542567-28542620	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_79262	QVEEIFCSDR	AGAP006226-PA	C7(Carbamidomethyl)	49	0.000112121	2	1282.572	-0.66	Midgut	2L:+:28543290-28543319	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_79970	SLAIDADPK	AGAP006226-PA	-	36	0.00298933	2	929.494	-0.07	Midgut	2L:+:28541784-28541810	exon=> In CDS Exon 3 of transcript AGAP006226-PA
JHU_Ag_81665	LTIATSTTSTK	AGAP006226-PA	-	59	9.31E-06	2	1123.620	-0.33	Midgut	2L:+:28542423-28542432,28542499-28542521	exon=> In CDS Exon 4 and 5 of transcript AGAP006226-PA
JHU_Ag_82068	FYQDSGCSLNEPVEQVTFLFYR	AGAP006226-PA	C7(Carbamidomethyl)	125	5.08E-12	1	2699.258	4.8	Malpighian tubule	2L:+:28543935-28544000	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_84255	IVSIDPSEALTR	AGAP006226-PA	-	43	0.000658431	1	1300.710	-0.3	Malpighian tubule	2L:+:28543176-28543211	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_85363	VLYHGQPVGIVLAETYDEAYR	AGAP006226-PA	-	89	1.64E-08	1	2393.218	1.78	Malpighian tubule	2L:+:28543320-28543382	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_89652	IDPVREQHPEESWEAITQR	AGAP006226-PA	-	45	0.00055998	1	2320.131	-0.16	Midgut	2L:+:28544598-28544654	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_90022	QLALSLFYR	AGAP006226-PA	-	40	0.000665042	2	1110.632	0.79	Malpighian tubule	2L:+:28542888-28542914	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_96731	TTGEPALNMTVSLLFALR	AGAP006226-PA	M9(Oxidation)	110	6.79E-11	1	1950.037	0.24	Malpighian tubule	2L:+:28545039-28545092	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_98163	ALRVPENSLNFR	AGAP006226-PA	-	49	0.000126529	1	1415.775	-0.23	Midgut	2L:+:28543683-28543718	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_102659	VVEIVYGPPDGEPILPTVK	AGAP006226-PA	-	79	6.64E-08	1	2022.117	0.46	Malpighian tubule	2L:+:28543392-28543448	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_104869	MQIVFTINGK	AGAP006226-PA	M1(Oxidation), N8(Deamidated)	39	0.001365153	1	1167.609	0.8	Midgut	2L:+:28540894-28540923	exon=> In CDS Exon 1 of transcript AGAP006226-PA
JHU_Ag_105667	AGVVAFYSAR	AGAP006226-PA	-	64	4.13E-06	2	1040.552	-0.22	Midgut	2L:+:28543212-28543241	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_106150	THNENFVLR	AGAP006226-PA	-	60	1.29E-05	1	1129.576	0.61	Malpighian tubule	2L:+:28545006-28545032	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_106752	DIPGSNNFMPTELGNK	AGAP006226-PA	M9(Oxidation)	100	1.54E-09	1	1749.812	0.22	Malpighian tubule	2L:+:28543242-28543289	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_106917	VTQVAAR	AGAP006226-PA	-	37	0.003402856	2	744.437	1.26	Malpighian tubule	2L:+:28544433-28544453	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_107121	TASICYGGITPGFTHAVQLESFLVGK	AGAP006226-PA	C5(Carbamidomethyl)	135	3.82E-13	1	2753.408	3.99	Malpighian tubule	2L:+:28542708-28542785	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_108227	AMANITSPNAIVSGGSMTSDAACYAVQK	AGAP006226-PA	M2(Oxidation), M17(Oxidation), C23(Carbamidomethyl)	74	4.66E-07	1	2847.301	1.66	Midgut	2L:+:28544490-28544573	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_109455	LGLDPLAVR	AGAP006226-PA	-	57	2.81E-06	2	953.579	1.63	Malpighian tubule	2L:+:28544142-28544168	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_109687	YEIEVDER	AGAP006226-PA	-	44	0.000522007	1	1052.489	-0.09	Midgut	2L:+:28543884-28543907	exon=> In CDS Exon 5 of transcript AGAP006226-PA
JHU_Ag_109700	RPHDLEVFIDINSVADLR	AGAP006226-PA	-	59	9.82E-06	3	2109.107	-0.65	Midgut	2L:+:28542120-28542173	exon=> In CDS Exon 4 of transcript AGAP006226-PA
JHU_Ag_110151	EWYKVENVQTIFK	AGAP006226-PA	-	37	0.002506328	1	1683.874	-0.01	Midgut	2L:+:28541955-28541993	exon=> In CDS Exon 3 of transcript AGAP006226-PA

JHU_Ag_59153	DIPVDFR	AGAP006226-PA,AGAP006225-PA,AGAP006220-PA,AGAP006221-PA,AGAP005637-PA	-	38	0.003032418	1	861.451	5.09	Larva	2L:+:28544967-28544987;2L:+:28539006-28539026;2L:+:28517426-28517446;2L:+:28523606-28523626;2L:+:18084263-18084283	exon=> In CDS Exon 5 of transcript AGAP006226-PA;exon=> In CDS Exon 6 of transcript AGAP006225-PA;exon=> In CDS Exon 10 of transcript AGAP006220-PA;exon=> In CDS Exon 8 of transcript AGAP006221-PA;exon=> In CDS Exon 5 of transcript AGAP005637-PA
JHU_Ag_9982	TAATGVEYLNFQR	AGAP006227-PA	-	92	8.09E-09	1	1469.739	0.55	Malpighian tubule	2L:-:28547724-28547686	exon=> In CDS Exon 1 of transcript AGAP006227-PA
JHU_Ag_14738	IPYCKPPIGERR	AGAP006227-PA	C4(Carbamidomethyl)	41	0.001019027	1	1485.800	-0.03	Malpighian tubule	2L:-:28547685-28547650	exon=> In CDS Exon 1 of transcript AGAP006227-PA
JHU_Ag_19261	IPYCKPPIGER	AGAP006227-PA	C4(Carbamidomethyl)	43	0.000706077	1	1329.699	0.28	Malpighian tubule	2L:-:28547685-28547653	exon=> In CDS Exon 1 of transcript AGAP006227-PA
JHU_Ag_21333	NFEYLVPTELELVR	AGAP006227-PA	-	64	4.43E-06	2	1721.913	0.92	Midgut	2L:-:28546310-28546269	exon=> In CDS Exon 5 of transcript AGAP006227-PA
JHU_Ag_22734	FKDLELPEPWTEPLDCTQQGPSGYQFNK	AGAP006227-PA	C16(Carbamidomethyl)	124	5.73E-12	1	3324.561	2.85	Malpighian tubule	2L:-:28547649-28547787,28547419-28547479	exon=> In CDS Exon 2 and 1 of transcript AGAP006227-PA
JHU_Ag_24264	GSQACQQYGLK	AGAP006227-PA	C5(Carbamidomethyl)	58	1.95E-05	1	1239.580	1.46	Malpighian tubule	2L:-:28546268-28546236	exon=> In CDS Exon 5 of transcript AGAP006227-PA
JHU_Ag_30072	SQPDHPVAVTQYGPVR	AGAP006227-PA	N-Term(Acetyl)	110	1.55E-10	1	1792.897	-0.67	Midgut	2L:-:28547784-28547737	exon=> In CDS Exon 1 of transcript AGAP006227-PA
JHU_Ag_34057	ALGWNGKGGEAELLK	AGAP006227-PA	-	51	7.57E-05	2	1542.832	3.09	Malpighian tubule	2L:-:28546691-28546647	exon=> In CDS Exon 4 of transcript AGAP006227-PA
JHU_Ag_34138	NVFSPVPDVGTMEYR	AGAP006227-PA	M12(Oxidation)	89	2.05E-08	1	1710.817	0.96	Malpighian tubule	2L:-:28545901-28545857	exon=> In CDS Exon 6 of transcript AGAP006227-PA
JHU_Ag_54088	SQPDHPVAVTQYGPVR	AGAP006227-PA	N-Term(Acetyl)	69	2.20E-06	2	1792.903	2.87	Ovary	2L:-:28547784-28547737	exon=> In CDS Exon 1 of transcript AGAP006227-PA
JHU_Ag_54611	DIVLVTFNYR	AGAP006227-PA	-	72	6.15E-07	1	1239.673	0.02	Malpighian tubule	2L:-:28547088-28547059	exon=> In CDS Exon 3 of transcript AGAP006227-PA
JHU_Ag_55088	SQPDHPVAVTQYGPVR	AGAP006227-PA	N-Term(Acetyl)	112	9.96E-11	1	1792.901	1.78	Malpighian tubule	2L:-:28547784-28547737	exon=> In CDS Exon 1 of transcript AGAP006227-PA
JHU_Ag_57477	ILFAFGPVVEPYVTESTFIPK	AGAP006227-PA	-	100	6.02E-10	1	2354.273	1.92	Malpighian tubule	2L:-:28546502-28546440	exon=> In CDS Exon 5 of transcript AGAP006227-PA
JHU_Ag_74186	GTAHADDLSYLFK	AGAP006227-PA	-	56	4.72E-05	1	1437.703	1.39	Malpighian tubule	2L:-:28545940-28545902	exon=> In CDS Exon 6 of transcript AGAP006227-PA
JHU_Ag_79132	NVFSPVPDVGTMEYR	AGAP006227-PA	M12(Oxidation)	75	3.76E-07	2	1726.809	-0.77	Midgut	2L:-:28545901-28545857	exon=> In CDS Exon 6 of transcript AGAP006227-PA
JHU_Ag_80435	FAVDSETYNHYR	AGAP006227-PA	-	68	1.42E-06	1	1501.674	2.06	Malpighian tubule	2L:-:28546003-28545968	exon=> In CDS Exon 6 of transcript AGAP006227-PA
JHU_Ag_85393	GSSGTEMYGPDYLIQK	AGAP006227-PA	M7(Oxidation)	80	1.17E-07	1	1761.804	1.96	Malpighian tubule	2L:-:28547136-28547089	exon=> In CDS Exon 3 of transcript AGAP006227-PA
JHU_Ag_91237	APLEMCR	AGAP006227-PA	M5(Oxidation), C6(Carbamidomethyl),C6(Carbamidomethyl)	40	0.000922581	2	876.406	-0.43	Malpighian tubule	2L:-:28546439-28546419	exon=> In CDS Exon 5 of transcript AGAP006227-PA
JHU_Ag_91464	FAVDSETYNHYR	AGAP006227-PA	-	50	7.43E-05	1	1501.671	0.19	Midgut	2L:-:28546003-28545968	exon=> In CDS Exon 6 of transcript AGAP006227-PA
JHU_Ag_91470	MLLWDSLYK	AGAP006227-PA	-	35	0.003034704	1	1168.611	2.89	Malpighian tubule	2L:-:28545612-28545586	exon=> In CDS Exon 7 of transcript AGAP006227-PA
JHU_Ag_94429	GTAHADDLSYLFK	AGAP006227-PA	-	49	0.000222702	1	1437.706	3.35	Midgut	2L:-:28545940-28545902	exon=> In CDS Exon 6 of transcript AGAP006227-PA
JHU_Ag_97348	IGAFGFLSLDSK	AGAP006227-PA	-	78	1.37E-07	1	1254.674	1.04	Malpighian tubule	2L:-:28547058-28547196,28546584-28546953	exon=> In CDS Exon 4 and 3 of transcript AGAP006227-PA

JHU_Ag_100005	GSSGTEMYGPDYLIQK	AGAP006227-PA	M7(Oxidation)	48	0.000194849	2	1761.805	3.07	Midgut	2L:-:28547136-28547089	exon=> In CDS Exon 3 of transcript AGAP006227-PA
JHU_Ag_100996	IVGSEDHLYMNVYTK	AGAP006227-PA	M10(Oxidation)	91	9.99E-09	1	1784.857	2.76	Malpighian tubule	2L:-:28547466-28547422	exon=> In CDS Exon 2 of transcript AGAP006227-PA
JHU_Ag_104933	IGAFGFLSLDSK	AGAP006227-PA	-	103	4.26E-10	2	1254.673	-0.12	Midgut	2L:-:28547058-28547196,28546584-28546953	exon=> In CDS Exon 4 and 3 of transcript AGAP006227-PA
JHU_Ag_106853	SQPDHPVAVTQYGPVR	AGAP006227-PA	N-Term(Acetyl)	49	0.000213559	2	1792.902	2.39	Head	2L:-:28547784-28547737	exon=> In CDS Exon 1 of transcript AGAP006227-PA
JHU_Ag_111294	NFEYLVPTELELVR	AGAP006227-PA	-	67	2.27E-06	2	1721.914	1.78	Malpighian tubule	2L:-:28546310-28546269	exon=> In CDS Exon 5 of transcript AGAP006227-PA
JHU_Ag_117422	ILFAFGPVVEPYVTESTFIPK	AGAP006227-PA	-	54	2.39E-05	2	2354.273	1.77	Midgut	2L:-:28546502-28546440	exon=> In CDS Exon 5 of transcript AGAP006227-PA
JHU_Ag_826	IHMVDPNAR	AGAP006228-PA	M3(Oxidation)	45	0.000325409	1	1068.525	-0.33	Malpighian tubule	2L:+:28550359-28550385	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_1250	GTSHADEISYLFSNIFAKPLDK	AGAP006228-PA	-	63	6.21E-06	1	2453.240	2.17	Malpighian tubule	2L:+:28550386-28550451	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_4914	FKDPTPPENWTQVLDCTEQCDPCFHFDR	AGAP006228-PA	C16(Carbamidomethyl), C20(Carbamidomethyl), C23(Carbamidomethyl)	105	1.58E-10	1	3539.537	7.82	Malpighian tubule	2L:+:28548758-28548763,28549062-28549139	exon=> In CDS Exon 1 and 2 of transcript AGAP006228-PA
JHU_Ag_8359	DNIASFGGDPSAITLFGHSAGGASVQYHTIADASK	AGAP006228-PA	-	50	0.000115707	1	3462.658	0.43	Ovary	2L:+:28549513-28549617	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_9171	ANSELIVSTGYGPVQGTAR	AGAP006228-PA	N-Term(Acetyl)	48	0.000236107	2	1961.992	-0.28	Head	2L:+:28548626-28548682	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_10134	FCVDSPFFNHYR	AGAP006228-PA	C2(Carbamidomethyl)	102	4.99E-10	1	1588.706	3.94	Malpighian tubule	2L:+:28550323-28550358	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_13210	TSLYGTGYVSFQGIPYAKPPVGELR	AGAP006228-PA	-	143	4.61E-14	1	2700.413	3.69	Malpighian tubule	2L:+:28548683-28548757	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_13293	AIGWQGEGDEEAALQYLR	AGAP006228-PA	-	141	1.39E-13	1	2005.954	-3.78	Ovary	2L:+:28549711-28549764	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_14884	IHMVDPNAR	AGAP006228-PA	M3(Oxidation)	49	0.000142374	1	1068.525	-0.67	Midgut	2L:+:28550359-28550385	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_19225	SPFEMSR	AGAP006228-PA	M5(Oxidation)	42	0.000339854	1	869.382	-0.75	Malpighian tubule	2L:+:28549966-28549986	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_20961	LNIFSK	AGAP006228-PA	-	36	0.001154969	2	721.424	-0.89	Male reproductive organs	2L:+:28549179-28549196	exon=> In CDS Exon 2 of transcript AGAP006228-PA
JHU_Ag_29016	AIGWQGEGDEEAALQYLR	AGAP006228-PA	-	116	4.57E-11	1	2005.961	-0.07	Midgut	2L:+:28549711-28549764	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_34449	QASPESIVDHQEK	AGAP006228-PA	-	53	8.13E-05	1	1467.708	0.33	Malpighian tubule	2L:+:28549765-28549803	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_40932	LFVGNVPFHLK	AGAP006228-PA	-	53	4.41E-05	1	1270.730	-0.83	Midgut	2L:+:28550098-28550130	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_41165	TSLYGTGYVSFQGIPYAKPPVGELR	AGAP006228-PA	-	137	2.15E-13	1	2700.403	-0.04	Midgut	2L:+:28548683-28548757	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_45696	LFVGNVPFHLK	AGAP006228-PA	-	39	0.000715057	1	1270.732	0.7	Head	2L:+:28550098-28550130	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_45963	ANSELIVSTGYGPVQGTAR	AGAP006228-PA	N-Term(Acetyl)	88	2.37E-08	2	1961.993	0.28	Male reproductive organs	2L:+:28548626-28548682	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_47242	DNIASFGGDPSAITLFGHSAGGASVQYHTIADASK	AGAP006228-PA	-	70	1.17E-06	1	3462.657	0.11	Midgut	2L:+:28549513-28549617	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_51121	GTSHADEISYLFSNIFAKPLDK	AGAP006228-PA	-	70	1.10E-06	1	2453.248	5.28	Ovary	2L:+:28550386-28550451	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_52266	QLYYPDSNPSIDNLDGFVNMASDR	AGAP006228-PA	M20(Oxidation)	126	1.97E-12	1	2747.225	-0.07	Malpighian tubule	2L:+:28550173-28550244	exon=> In CDS Exon 4 of transcript AGAP006228-PA

JHU_Ag_52332	IFWHDLHR	AGAP006228-PA	-	39	0.001525316	1	1123.581	1.54	Malpighian tubule	2L:+:28550245-28550268	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_53472	FKDPTPPENWTQVLDCTEQCDPCFHFDR	AGAP006228-PA	C16(Carbamidomethyl), C20(Carbamidomethyl), C23(Carbamidomethyl)	55	1.36E-05	1	3539.521	3.34	Head	2L:+:28548758-28548763,28549062-28549139	exon=> In CDS Exon 1 and 2 of transcript AGAP006228-PA
JHU_Ag_53717	LFVGNVPFHLK	AGAP006228-PA	-	52	5.42E-05	1	1270.728	-2.04	Ovary	2L:+:28550098-28550130	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_55469	LFVGNVPFHLK	AGAP006228-PA	-	51	5.54E-05	1	1270.731	0.13	Male reproductive organs	2L:+:28550098-28550130	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_63797	FCVDSPFFNHYR	AGAP006228-PA	C2(Carbamidomethyl)	50	8.55E-05	1	1588.703	1.55	Ovary	2L:+:28550323-28550358	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_64575	MAFGEQLK	AGAP006228-PA	M1(Oxidation)	45	0.00032211	1	939.461	0.66	Malpighian tubule	2L:+:28550149-28550172	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_66955	VKPQLPSMLQDPR	AGAP006228-PA	M8(Oxidation)	40	0.000655404	1	1508.830	2.69	Malpighian tubule	2L:+:28550059-28550097	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_74431	LFGPQEIQEGLLSPFAPTIEPYESEVCFIPR	AGAP006228-PA	C27(Carbamidomethyl)	81	7.57E-08	1	3563.780	0.85	Malpighian tubule	2L:+:28549804-28549818,28549888-28549965	exon=> In CDS Exon 3 and 4 of transcript AGAP006228-PA
JHU_Ag_74550	IFWHDLHR	AGAP006228-PA	-	36	0.003321371	3	1123.580	0.01	Midgut	2L:+:28550245-28550268	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_79086	LFVGNVPFHLK	AGAP006228-PA	-	34	0.002590243	1	1270.733	1.49	Pupa	2L:+:28550098-28550130	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_80137	LFVGNVPFHLK	AGAP006228-PA	-	63	3.56E-06	1	1270.734	2.54	Malpighian tubule	2L:+:28550098-28550130	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_85424	GTSHADEISYLFSNIFAKPLDK	AGAP006228-PA	-	85	3.84E-08	1	2453.230	-1.96	Midgut	2L:+:28550386-28550451	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_85628	AIGWQGEGDEEAALQYLR	AGAP006228-PA	-	148	3.06E-14	1	2005.968	3.22	Male reproductive organs	2L:+:28549711-28549764	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_86220	LNIFSK	AGAP006228-PA	-	38	0.000757827	2	721.424	-0.72	Malpighian tubule	2L:+:28549179-28549196	exon=> In CDS Exon 2 of transcript AGAP006228-PA
JHU_Ag_89113	TAPPYNCLNISNDGVEVVELPESR	AGAP006228-PA	C7(Carbamidomethyl)	73	7.83E-07	1	2673.287	1.55	Malpighian tubule	2L:+:28550569-28550640	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_91338	TSLYGTGYVSFQGIPYAKPPVGELR	AGAP006228-PA	-	143	4.29E-14	1	2700.414	4.1	Ovary	2L:+:28548683-28548757	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_92131	ANSELIVSTGYGPVQGTAR	AGAP006228-PA	N-Term(Acetyl)	80	1.71E-07	1	1961.995	1.03	Malpighian tubule	2L:+:28548626-28548682	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_93290	QASPESIVDHQEK	AGAP006228-PA	-	61	1.36E-05	1	1467.708	0.51	Midgut	2L:+:28549765-28549803	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_94162	IFWHDLHR	AGAP006228-PA	-	34	0.004714349	3	1123.581	1.15	Head	2L:+:28550245-28550268	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_97228	GTSHADEISYLFSNIFAKPLDK	AGAP006228-PA	-	62	6.83E-06	1	2453.242	2.9	Head	2L:+:28550386-28550451	exon=> In CDS Exon 4 of transcript AGAP006228-PA
JHU_Ag_100309	TSLYGTGYVSFQGIPYAKPPVGELR	AGAP006228-PA	-	128	1.34E-12	1	2700.420	6.07	Head	2L:+:28548683-28548757	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_103017	DNIASFGGDPSAITLFGHSAGGASVQYHTIADASK	AGAP006228-PA	-	94	5.11E-09	1	3462.661	1.47	Malpighian tubule	2L:+:28549513-28549617	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_103321	ANSELIVSTGYGPVQGTAR	AGAP006228-PA	N-Term(Acetyl)	55	5.34E-05	2	1961.985	-3.95	Ovary	2L:+:28548626-28548682	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_105335	DIVLVTLNYR	AGAP006228-PA	-	80	7.15E-08	1	1205.688	-0.81	Malpighian tubule	2L:+:28549384-28549413	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_106471	ANSELIVSTGYGPVQGTAR	AGAP006228-PA	N-Term(Acetyl)	94	6.37E-09	1	1961.989	-1.83	Midgut	2L:+:28548626-28548682	exon=> In CDS Exon 1 of transcript AGAP006228-PA
JHU_Ag_106766	FCVDSPFFNHYR	AGAP006228-PA	C2(Carbamidomethyl)	73	4.00E-07	1	1588.708	4.94	Head	2L:+:28550323-28550358	exon=> In CDS Exon 4 of transcript AGAP006228-PA

JHU_Ag_115717	FKDPTPPENWTQVLDCTEQCDPCFHFDR	AGAP006228-PA	C16(Carbamidomethyl), C20(Carbamidomethyl), C23(Carbamidomethyl)	34	0.001534829	1	3539.515	1.54	Ovary	2L:+:28548758-28548763,28549062-28549139	exon=> In CDS Exon 1 and 2 of transcript AGAP006228-PA
JHU_Ag_116311	AIGWQGEGDEEAALQYLR	AGAP006228-PA	-	148	2.97E-14	1	2005.970	4.37	Malpighian tubule	2L:+:28549711-28549764	exon=> In CDS Exon 3 of transcript AGAP006228-PA
JHU_Ag_15055	LASDIEFAQVEAQVVSGLK	AGAP006229-PA	-	87	1.59E-08	2	2004.073	3.94	Head	2L:+:28551395-28551451	exon=> In CDS Exon 3 of transcript AGAP006229-PA
JHU_Ag_25127	LLSNTDAQLETLEK	AGAP006229-PA	-	54	6.52E-05	2	1574.828	0.19	Male reproductive organs	2L:+:28551353-28551394	exon=> In CDS Exon 3 of transcript AGAP006229-PA
JHU_Ag_27264	LPDVPDEELVLER	AGAP006229-PA	-	70	1.38E-06	2	1523.799	2.62	Head	2L:+:28551677-28551715	exon=> In CDS Exon 3 of transcript AGAP006229-PA
JHU_Ag_73385	DLSAICSDLNR	AGAP006231-PA	C6(Carbamidomethyl)	49	0.000187551	2	1263.599	-0.43	Male reproductive organs	2L:+:28559187-28559219	exon=> In CDS Exon 3 of transcript AGAP006231-PA
JHU_Ag_28012	MDAVLQPFLSFFK	AGAP006233-PA	N-Term(Acetyl), M1(Oxidation)	79	1.81E-07	1	1600.808	-0.25	Ovary	2L:+:28565991-28566029	exon=> In CDS Exon 1 of transcript AGAP006233-PA
JHU_Ag_84947	DGEEQEFLAFENVEK	AGAP006239-PA	-	86	2.53E-08	2	1783.805	1.56	Head	2L:+:28580267-28580311	exon=> In CDS Exon 2 of transcript AGAP006239-PA
JHU_Ag_45370	RGIEKPPFDLPAFIK	AGAP006240-PA	-	61	2.31E-06	1	1727.993	4.98	Ovary	2L:-:28582870-28582826	exon=> In CDS Exon 2 of transcript AGAP006240-PA
JHU_Ag_47860	YGPPPSYPNLK	AGAP006240-PA	-	39	0.002167871	1	1232.632	0.59	Ovary	2L:-:28582498-28582466	exon=> In CDS Exon 2 of transcript AGAP006240-PA
JHU_Ag_61362	VFEIFKLDTK	AGAP006240-PA	-	34	0.001804899	1	1239.706	6.01	Malpighian tubule	2L:-:28583233-28583204	exon=> In CDS Exon 2 of transcript AGAP006240-PA
JHU_Ag_77209	ALEDVLALK	AGAP006240-PA	-	47	0.000141111	2	971.581	3.92	Malpighian tubule	2L:-:28584067-28584041	exon=> In CDS Exon 1 of transcript AGAP006240-PA
JHU_Ag_80122	KVDDGLDDDDDDLGDLDEK	AGAP006240-PA	-	103	2.45E-10	2	2106.888	2.04	Ovary	2L:-:28583140-28583084	exon=> In CDS Exon 2 of transcript AGAP006240-PA
JHU_Ag_1455	KVSSVGADFCR	AGAP006243-PA	C10(Carbamidomethyl)	48	0.000199191	1	1225.600	0.47	Male reproductive organs	2L:-:28591154-28591122	exon=> In CDS Exon 4 of transcript AGAP006243-PA
JHU_Ag_18629	VTCGHCHDTFLFDTLK	AGAP006243-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	78	1.77E-07	1	1950.892	4.05	Ovary	2L:-:28591316-28591493,28591035-28591185	exon=> In CDS Exon 4 and 3 of transcript AGAP006243-PA
JHU_Ag_37989	VTCGHCHDTFLFDTLK	AGAP006243-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	108	1.63E-10	1	1950.886	0.98	Malpighian tubule	2L:-:28591316-28591493,28591035-28591185	exon=> In CDS Exon 4 and 3 of transcript AGAP006243-PA
JHU_Ag_66591	MDGESEKQPLLK	AGAP006243-PA	N-Term(Acetyl), M1(Oxidation)	46	0.000406602	2	1432.699	0	Male reproductive organs	2L:-:28593738-28593703	exon=> In CDS Exon 1 of transcript AGAP006243-PA
JHU_Ag_69675	MDGESEKQPLLK	AGAP006243-PA	N-Term(Acetyl), M1(Oxidation)	73	8.98E-07	1	1432.700	1.02	Malpighian tubule	2L:-:28593738-28593703	exon=> In CDS Exon 1 of transcript AGAP006243-PA
JHU_Ag_84362	VTCGHCHDTFLFDTLK	AGAP006243-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	40	0.001213908	1	1950.893	4.64	Midgut	2L:-:28591316-28591493,28591035-28591185	exon=> In CDS Exon 4 and 3 of transcript AGAP006243-PA
JHU_Ag_132	ELLNAAELYR	AGAP006244-PA	-	64	5.36E-06	2	1191.641	3.51	Head	2L:+:28598373-28598402	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_7306	KPTDSPVLLAIAK	AGAP006244-PA	-	36	0.000357348	2	1352.818	2.27	Salivary gland	2L:+:28599455-28599493	exon=> In CDS Exon 3 of transcript AGAP006244-PA
JHU_Ag_7656	IINGYDSFGNTCGVR	AGAP006244-PA	N3(Deamidated), C12(Carbamidomethyl)	59	1.60E-05	2	1673.765	3.41	Larva	2L:+:28598199-28598243	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_11886	IINGYDSFGNTCGVR	AGAP006244-PA	C12(Carbamidomethyl)	33	0.006530393	1	1672.779	2.54	Malpighian tubule	2L:+:28598199-28598243	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_12321	CIPTGVNAPLQQVK	AGAP006244-PA	C1(Carbamidomethyl)	42	0.000455304	2	1524.826	3.45	Head	2L:+:28598556-28598597	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_16319	ELLNAAELYR	AGAP006244-PA	-	50	0.000140218	2	1191.641	3.61	Visceras	2L:+:28598373-28598402	exon=> In CDS Exon 2 of transcript AGAP006244-PA

JHU_Ag_16923	ELLNAAELYR	AGAP006244-PA	-	68	2.16E-06	2	1191.638	1.05	Ovary	2L:+:28598373-28598402	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_19603	IINGYDSFGNTCGVR	AGAP006244-PA	C12(Carbamidomethyl)	97	2.84E-09	1	1672.776	0.87	Head	2L:+:28598199-28598243	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_41040	YFDFNGPCPPFPVYQSAPVLHR	AGAP006244-PA	C8(Carbamidomethyl)	100	1.50E-09	1	2608.245	0.25	Midgut	2L:+:28598490-28598555	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_41183	YFDFNGPCPPFPVYQSAPVLHR	AGAP006244-PA	C8(Carbamidomethyl)	138	2.35E-13	1	2608.257	5.02	Larva	2L:+:28598490-28598555	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_44134	YFDFNGPCPPFPVYQSAPVLHR	AGAP006244-PA	C8(Carbamidomethyl)	131	1.41E-12	1	2608.254	3.83	Ovary	2L:+:28598490-28598555	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_52260	LLGEAPEEDAVEAPMQEVQLTPITK	AGAP006244-PA	M15(Oxidation)	67	2.35E-06	2	2724.374	3.17	Head	2L:+:28600306-28600380	exon=> In CDS Exon 6 of transcript AGAP006244-PA
JHU_Ag_76563	ELLNAAELYR	AGAP006244-PA	-	58	2.10E-05	2	1191.639	1.46	Larva	2L:+:28598373-28598402	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_79693	ELLNAAELYR	AGAP006244-PA	-	60	1.47E-05	2	1191.639	1.97	Malpighian tubule	2L:+:28598373-28598402	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_86714	YFDFNGPCPPFPVYQSAPVLHR	AGAP006244-PA	C8(Carbamidomethyl)	140	1.48E-13	1	2608.256	4.6	Head	2L:+:28598490-28598555	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_90739	KPTDSPVLLAIAK	AGAP006244-PA	-	41	0.000124765	2	1352.820	3.71	Head	2L:+:28599455-28599493	exon=> In CDS Exon 3 of transcript AGAP006244-PA
JHU_Ag_91093	IINGYDSFGNTCGVR	AGAP006244-PA	C12(Carbamidomethyl),"N3(Deamidated), C12(Carbamidomethyl)"	70	9.36E-07	2	1673.756	-1.84	Midgut	2L:+:28598199-28598243	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_98305	HTLDTDQQLSYLEELVR	AGAP006244-PA	-	108	2.31E-10	1	2060.035	2.87	Head	2L:+:28598832-28598882	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_102066	IINGYDSFGNTCGVR	AGAP006244-PA	C12(Carbamidomethyl)	63	6.36E-06	2	1672.778	1.6	Salivary gland	2L:+:28598199-28598243	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_102183	YFDFNGPCPPFPVYQSAPVLHR	AGAP006244-PA	C8(Carbamidomethyl)	152	1.10E-14	1	2608.254	3.76	Malpighian tubule	2L:+:28598490-28598555	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_103778	IINGYDSFGNTCGVR	AGAP006244-PA	C12(Carbamidomethyl)	83	6.50E-08	1	1672.779	2.25	Ovary	2L:+:28598199-28598243	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_114317	YFDFNGPCPPFPVYQSAPVLHR	AGAP006244-PA	C8(Carbamidomethyl)	54	5.80E-05	1	2608.251	2.56	Pupa	2L:+:28598490-28598555	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_114862	LTGLAALFEEAGK	AGAP006244-PA	-	61	7.49E-06	2	1319.723	1.67	Head	2L:+:28598970-28599008	exon=> In CDS Exon 2 of transcript AGAP006244-PA
JHU_Ag_603	ELQQALINGR	AGAP006246-PA	N8(Deamidated)	59	1.11E-05	2	1141.632	-0.39	Male reproductive organs	2L:-:28604932-28604903	exon=> In CDS Exon 2 of transcript AGAP006246-PA
JHU_Ag_15585	GDHFSDTACNLMISMFDR	AGAP006246-PA	C9(Carbamidomethyl)	32	0.003318715	1	2116.895	2.81	Midgut	2L:-:28604902-28605109,28604365-28604722	exon=> In CDS Exon 3 and 2 of transcript AGAP006246-PA
JHU_Ag_18653	FSPQFIQYLIAK	AGAP006246-PA	-	58	1.03E-05	2	1454.810	3.85	Malpighian tubule	2L:-:28604568-28604533	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_28311	TGTVDIYDFEK	AGAP006246-PA	-	63	5.48E-06	2	1287.612	1.25	Visceras	2L:-:28604715-28604683	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_51674	TGTVDIYDFEK	AGAP006246-PA	-	67	2.24E-06	1	1287.610	-0.17	Midgut	2L:-:28604715-28604683	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_53926	FSPQFIQYLIAK	AGAP006246-PA	-	72	4.50E-07	1	1454.805	0.83	Ovary	2L:-:28604568-28604533	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_55156	NFDRDASGHIEESELTQALTQMGFR	AGAP006246-PA	M22(Oxidation)	76	3.12E-07	3	2868.314	-2.74	Midgut	2L:-:28604643-28604569	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_59329	ELQQALINGR	AGAP006246-PA	N8(Deamidated)	35	0.003710408	2	1142.615	-1.04	Midgut	2L:-:28604932-28604903	exon=> In CDS Exon 2 of transcript AGAP006246-PA
JHU_Ag_62273	DASGHIEESELTQALTQMGFR	AGAP006246-PA	M18(Oxidation)	102	8.76E-10	1	2336.088	2.46	Midgut	2L:-:28604631-28604569	exon=> In CDS Exon 3 of transcript AGAP006246-PA

JHU_Ag_81324	FSPQFIQYLIAK	AGAP006246-PA	-	39	0.000939054	2	1454.806	1.5	Male reproductive organs	2L:-:28604568-28604533	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_82307	LYNYINQWLHVFK	AGAP006246-PA	-	55	2.93E-05	2	1737.925	8.22	Ovary	2L:-:28604682-28604644	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_83350	LYNYINQWLHVFK	AGAP006246-PA	-	92	8.41E-09	2	1737.906	-2.94	Midgut	2L:-:28604682-28604644	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_87055	FSPQFIQYLIAK	AGAP006246-PA	Q4(Deamidated)	70	7.04E-07	1	1454.806	1	Head	2L:-:28604568-28604533	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_89212	FSPQFIQYLIAK	AGAP006246-PA	-	64	3.10E-06	2	1454.801	-2.36	Midgut	2L:-:28604568-28604533	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_92151	TGTVDIYDFEK	AGAP006246-PA	-	71	8.32E-07	1	1287.611	0.21	Male reproductive organs	2L:-:28604715-28604683	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_92285	LYNYINQWLHVFK	AGAP006246-PA	-	48	0.000186807	1	1737.914	1.54	Visceras	2L:-:28604682-28604644	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_97915	FSPQFIQYLIAK	AGAP006246-PA	-	66	1.49E-06	2	1454.807	1.84	Visceras	2L:-:28604568-28604533	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_106978	GDHFSDTACNLMISMFDR	AGAP006246-PA	C9(Carbamidomethyl), M15(Oxidation)	33	0.001682938	1	2132.893	4.54	Head	2L:-:28604902-28605109,28604365-28604722	exon=> In CDS Exon 3 and 2 of transcript AGAP006246-PA
JHU_Ag_108196	TGTVDIYDFEK	AGAP006246-PA	-	48	0.000167566	2	1287.611	0.31	Head	2L:-:28604715-28604683	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_112602	ELQQALINGR	AGAP006246-PA	-	32	0.005366133	2	1141.630	-2.53	Head	2L:-:28604932-28604903	exon=> In CDS Exon 2 of transcript AGAP006246-PA
JHU_Ag_113420	DASGHIEESELTQALTQMGFR	AGAP006246-PA	M18(Oxidation)	87	2.92E-08	1	2336.096	5.88	Head	2L:-:28604631-28604569	exon=> In CDS Exon 3 of transcript AGAP006246-PA
JHU_Ag_116006	ELQQALINGR	AGAP006246-PA	-	35	0.002245 78	2	1141.632	-0.18	Ovary	2L:-:28604932-28604903	exon=> In CDS Exon 2 of transcript AGAP006246-PA
JHU_Ag_33470	IQSLVTGLQEIDKLK	AGAP006248-PA	Q2(Deamidated)	29	0.005168791	1	1685.965	-2.27	Visceras	2L:+:28609534-28609578	exon=> In CDS Exon 1 of transcript AGAP006248-PA
JHU_Ag_49232	VLQSIANENVIPGIGK	AGAP006249-PA	-	39	0.000466985	2	1651.938	0.2	Midgut	2L:-:28612531-28612484	exon=> In CDS Exon 2 of transcript AGAP006249-PA
JHU_Ag_78148	IQAQSPLYETR	AGAP006249-PA	-	60	1.68E-05	1	1305.681	0.9	Salivary gland	2L:-:28612270-28612238	exon=> In CDS Exon 2 of transcript AGAP006249-PA
JHU_Ag_14484	MIVVLNK	AGAP006250-PA	M1(Oxidation)	33	0.002363139	2	832.507	12.54	Head	2L:+:28615365-28615385	exon=> In CDS Exon 1 of transcript AGAP006250-PA
JHU_Ag_4079	AATGEEVPQNIVVTTR	AGAP006254-PA	-	36	0.002773237	1	1684.887	0.36	Ovary	2L:-:28625540-28625493	exon=> In CDS Exon 7 of transcript AGAP006254-PA
JHU_Ag_14451	ALEVFPEFAAAHSNLASVLQQQGK	AGAP006254-PA	-	76	1.54E-07	1	2555.338	4.88	Head	2L:-:28626899-28626828	exon=> In CDS Exon 7 of transcript AGAP006254-PA
JHU_Ag_24055	AATGEEVPQNIVVTTR	AGAP006254-PA	-	42	0.000767 69	2	1684.886	-0.29	Head	2L:-:28625540-28625493	exon=> In CDS Exon 7 of transcript AGAP006254-PA
JHU_Ag_38619	REQGYIEEATR	AGAP006254-PA	-	58	2.91E-05	1	1351.655	-3.55	Head	2L:-:28626944-28626912	exon=> In CDS Exon 7 of transcript AGAP006254-PA
JHU_Ag_46391	AATGEEVPQNIVVTTR	AGAP006254-PA	-	56	2.54E-05	1	1684.894	4.42	Malpighian tubule	2L:-:28625540-28625493	exon=> In CDS Exon 7 of transcript AGAP006254-PA
JHU_Ag_48955	AIQINPAFADAHSNLASIHKDSGNIPEAIQSYR	AGAP006254-PA	-	41	0.000655364	1	3548.795	1.93	Malpighian tubule	2L:-:28626695-28626597	exon=> In CDS Exon 7 of transcript AGAP006254-PA
JHU_Ag_64609	AIQINPAFADAHSNLASIHK	AGAP006254-PA	-	97	2.01E-09	1	2118.110	0.17	Head	2L:-:28626695-28626636	exon=> In CDS Exon 7 of transcript AGAP006254-PA
JHU_Ag_93435	VAASQLATLGCPELIAK	AGAP006254-PA	C11(Carbamidomethyl)	79	7.64E-08	2	1741.960	4.8	Malpighian tubule	2L:-:28624973-28624923	exon=> In CDS Exon 8 of transcript AGAP006254-PA
JHU_Ag_116876	IGYVSSDFGNHPTSHLMQSIPGLHDR	AGAP006254-PA	M17(Oxidation)	75	4.39E-07	1	2881.375	2.03	Head	2L:-:28626293-28626216	exon=> In CDS Exon 7 of transcript AGAP006254-PA

JHU_Ag_6122	GQLQEALENYR	AGAP006254-PB,AGAP006254-PA,AGAP006254-PC	-	74	7.51E-07	2	1320.660	4.47	Malpighian tubule	2L:-:28640515-28640483;2L:-:28640515-28640483;2L:-:28640515-28640483	exon=> In CDS Exon 4 of transcript AGAP006254-PB;exon=> In CDS Exon 4 of transcript AGAP006254-PA;exon=> In CDS Exon 3 of transcript AGAP006254-PC
JHU_Ag_198	TVIDLPDEFLTDR	AGAP006258-PA	-	46	0.000377364	2	1533.783	2.55	Pupa	2L:-:28705399-28705361	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_1317	LREEGAAVQQENR	AGAP006258-PA	-	82	8.41E-08	1	1499.762	3.89	Larva	2L:-:28704991-28704953	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_1396	FSNDAEQRIPVR	AGAP006258-PA	-	56	3.97E-05	1	1431.739	3.18	Malpighian tubule	2L:-:28705327-28705292	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_3101	TATVQVKFNNTVIAR	AGAP006258-PA	-	34	0.00140376	1	1661.942	4.99	Malpighian tubule	2L:-:28702617-28702573	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_4425	TADTVATLADFVTPNSNMK	AGAP006258-PA	M18(Oxidation)	56	3.76E-05	2	2011.962	-0.99	Pupa	2L:-:28702674-28702618	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_5649	TVIDLPDEFLTDRYR	AGAP006258-PA	-	57	2.77E-05	1	1852.950	3.48	Head	2L:-:28705399-28705355	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_6904	DRIHEAIDQGFVLDK	AGAP006258-PA	-	47	0.00026193	1	1755.910	4.38	Pupa	2L:-:28704463-28704419	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_8319	TADTVATLADFVTPNSNMK	AGAP006258-PA	M18(Oxidation)	71	1.19E-06	2	2011.960	-2.14	Male reproductive organs	2L:-:28702674-28702618	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_8671	IHEAIDQGFVLDK	AGAP006258-PA	-	70	1.23E-06	2	1484.780	4.04	Malpighian tubule	2L:-:28704457-28704419	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_10164	SAPTDKDALAQFR	AGAP006258-PA	-	57	3.58E-05	1	1419.729	4.53	Malpighian tubule	2L:-:28703007-28702969	exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_10326	MVIDIPPNYTASDREDEQR	AGAP006258-PA	M1(Oxidation)	51	0.000110055	1	2265.045	-0.29	Pupa	2L:-:28704877-28704821	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_10575	AIGADLQSR	AGAP006258-PA	-	63	7.92E-06	1	930.504	3.59	Malpighian tubule	2L:-:28705354-28705328	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_12315	SVPMPDLSFANGIDRR	AGAP006258-PA	M4(Oxidation), N11(Deamidated)	43	0.000775263	1	1791.882	6.7	Malpighian tubule	2L:-:28705291-28705244	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_13903	YNADRFCAK	AGAP006258-PA	C7(Carbamidomethyl)	59	7.51E-06	1	1144.524	2.98	Malpighian tubule	2L:-:28704673-28704647	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_14182	LNPVLFQYSLAVAVQHR	AGAP006258-PA	-	36	0.001072643	1	1955.094	4.15	Pupa	2L:-:28705123-28705073	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_14922	WHGMIDGIFR	AGAP006258-PA	M4(Oxidation)	37	0.003008625	1	1247.600	0.68	Head	2L:-:28704196-28704167	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_16347	AANTTLQDVDRVDNGTTVSVNDLER	AGAP006258-PA	N14(Deamidated)	145	5.25E-14	1	2704.306	1.31	Pupa	2L:-:28704544-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_18914	TADTVATLADFVTPNSNMK	AGAP006258-PA	-	45	0.000494133	1	1995.968	-0.43	Visceras	2L:-:28702674-28702618	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_21128	IWLAPK	AGAP006258-PA	-	37	0.000748517	1	727.450	-0.71	Head	2L:-:28703890-28703873	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_22783	FNNTVIART	AGAP006258-PA	-	59	1.46E-05	2	1035.561	2.89	Malpighian tubule	2L:-:28702596-28702570	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_22923	AANTTLQDVDR	AGAP006258-PA	-	76	3.96E-07	2	1203.599	2.05	Head	2L:-:28704544-28704512	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_24183	NLTNYREPIVEGYYPK	AGAP006258-PA	-	69	1.74E-06	1	1955.990	1.84	Larva	2L:-:28704631-28704584	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_26279	GAFSLFAPK	AGAP006258-PA	-	55	2.15E-05	2	937.517	2.71	Male reproductive organs	2L:-:28705243-28705217	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_27440	TADTVATLADFVTPNSNMK	AGAP006258-PA	M18(Oxidation)	85	4.96E-08	2	2011.968	1.86	Larva	2L:-:28702674-28702618	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_27808	LREEGAAVQQENR	AGAP006258-PA	-	73	6.56E-07	2	1499.758	1.53	Visceras	2L:-:28704991-28704953	exon=> In CDS Exon 1 of transcript AGAP006258-PA

JHU_Ag_28559	NLTNYREPIVEGYYPK	AGAP006258-PA	-	68	2.26E-06	1	1955.993	3.71	Malpighian tubule	2L:-:28704631-28704584	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_28807	TADTVATLADFVTPNSNMK	AGAP006258-PA	M18(Oxidation)	87	2.73E-08	1	1995.980	5.26	Malpighian tubule	2L:-:28702674-28702618	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_29617	AANTTLQDVDR	AGAP006258-PA	-	73	6.66E-07	2	1203.595	-1.6	Visceras	2L:-:28704544-28704512	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_29938	MVIDIPPNYTASDREDEQR	AGAP006258-PA	M1(Oxidation)	37	0.003078478	1	2265.055	4.16	Malpighian tubule	2L:-:28704877-28704821	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_32940	GNVFASFTHLQHAPFSFR	AGAP006258-PA	-	133	6.65E-13	1	2063.033	4.15	Head	2L:-:28703992-28703939	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_33089	MVIDIPPNYTASDREDEQR	AGAP006258-PA	M1(Oxidation)	45	0.000399808	1	2265.046	0.28	Head	2L:-:28704877-28704821	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_34813	VDNGTTVSVNDLER	AGAP006258-PA	-	83	9.58E-08	1	1518.744	2.84	Visceras	2L:-:28704511-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_36110	IHEAIDQGFVLDK	AGAP006258-PA	-	102	9.10E-10	1	1484.778	2.73	Pupa	2L:-:28704457-28704419	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_36509	TVIDLPDEFLTDR	AGAP006258-PA	-	57	3.71E-05	2	1533.779	-0.24	Male reproductive organs	2L:-:28705399-28705361	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_37007	VEVNNESGAVR	AGAP006258-PA	-	64	6.40E-06	2	1173.586	-0.03	Visceras	2L:-:28703938-28703906	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_37047	TADTVATLADFVTPNSNMK	AGAP006258-PA	M18(Oxidation)	90	1.56E-08	2	2011.969	2.29	Head	2L:-:28702674-28702618	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_39484	IHEAIDQGFVLDKSGNR	AGAP006258-PA	-	41	0.000951398	3	1898.981	5	Malpighian tubule	2L:-:28704457-28704407	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_39680	AANTTLQDVDRVDNGTTVSVNDLER	AGAP006258-PA	N14(Deamidated)	110	1.49E-10	1	2704.298	-1.53	Male reproductive organs	2L:-:28704544-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_39800	SAPTDKDALAQFR	AGAP006258-PA	-	78	2.52E-07	1	1419.723	0.32	Pupa	2L:-:28703007-28702969	exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_40296	SQVDLAAGLDFGPK	AGAP006258-PA	-	75	6.12E-07	2	1417.737	3.6	Visceras	2L:-:28704034-28703993	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_43179	GNVFASFTHLQHAPFSFR	AGAP006258-PA	-	121	1.07E-11	1	2063.026	0.6	Pupa	2L:-:28703992-28703939	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_43361	GNVFASFTHLQHAPFSFRVEVNNESGAVR	AGAP006258-PA	-	56	2.20E-05	1	3217.612	5.97	Malpighian tubule	2L:-:28703992-28703906	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_45737	FSNDAEQRIPVR	AGAP006258-PA	-	40	0.001729365	1	1431.736	1.17	Head	2L:-:28705327-28705292	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_45769	DVNIPSIVSLFPDQFVDPAVFPK	AGAP006258-PA	-	60	7.95E-06	2	2544.345	2.63	Visceras	2L:-:28705060-28704992	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_46101	FNNTVIAR	AGAP006258-PA	-	57	2.72E-05	2	934.513	2.82	Malpighian tubule	2L:-:28702596-28702573	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_47325	YLEDYGVMGDVTTAMRDPIFYR	AGAP006258-PA	M8(Oxidation), M15(Oxidation)	57	2.39E-05	1	2644.212	2.14	Pupa	2L:-:28704262-28704197	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_52740	LREEGAAVQQENR	AGAP006258-PA	-	83	6.78E-08	1	1499.761	3	Malpighian tubule	2L:-:28704991-28704953	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_53921	IHEAIDQGFVLDK	AGAP006258-PA	-	99	1.72E-09	1	1484.776	1.25	Head	2L:-:28704457-28704419	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_54349	VDNGTTVSVNDLER	AGAP006258-PA	-	87	3.79E-08	1	1518.742	1.31	Head	2L:-:28704511-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_55735	NLTNYREPIVEGYYPK	AGAP006258-PA	-	54	5.59E-05	1	1955.989	1.46	Pupa	2L:-:28704631-28704584	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_57194	GIDILGDVVEASSLTPNAQLYGSLHNMGHNVIAYVHDPDYR	AGAP006258-PA	M27(Oxidation)	83	4.63E-08	1	4467.182	3.2	Head	2L:-:28704385-28704263	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_57871	GTALTFR	AGAP006258-PA	-	38	0.002006828	2	765.425	-0.96	Pupa	2L:-:28703860-28703840	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_58262	IMLDEQR	AGAP006258-PA	M2(Oxidation)	42	0.001039503	1	920.454	3.81	Malpighian tubule	2L:-:28704406-28704386	exon=> In CDS Exon 2 of transcript AGAP006258-PA

JHU_Ag_59594	GAFSLFAPK	AGAP006258-PA	-	66	1.71E-06	2	937.515	1.28	Pupa	2L:-:28705243-28705217	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_60284	YLEDYGVMGDVTTAMRDPIFYR	AGAP006258-PA	M8(Oxidation), M15(Oxidation)	65	3.95E-06	1	2644.214	2.91	Head	2L:-:28704262-28704197	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_60757	IWLAPK	AGAP006258-PA	-	41	0.000312753	1	727.450	-0.79	Pupa	2L:-:28703890-28703873	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_61709	HKELLTPYTAEQLGNPGVTVNSVGVQLSRPNTPANVLLTYWQR	AGAP006258-PA	-	80	2.60E-08	1	4761.477	-7.29	Head	2L:-:28704163-28704035	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_63757	MVIDIPPNYTASDREDEQR	AGAP006258-PA	M1(Oxidation)	45	0.000409121	1	2265.046	0.52	Visceras	2L:-:28704877-28704821	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_66170	GNVFASFTHLQHAPFSFR	AGAP006258-PA	-	41	0.001136896	1	2063.036	5.45	Midgut	2L:-:28703992-28703939	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_66599	GNVFASFTHLQHAPFSFR	AGAP006258-PA	-	122	8.63E-12	1	2063.022	-1.12	Male reproductive organs	2L:-:28703992-28703939	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_68586	LREEGAAVQQENR	AGAP006258-PA	Q9(Deamidated)	74	5.58E-07	2	1499.757	0.56	Pupa	2L:-:28704991-28704953	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_72410	AIGADLQSR	AGAP006258-PA	Q7(Deamidated)	63	9.44E-06	1	930.500	-0.22	Head	2L:-:28705354-28705328	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_72880	LNPVLFQYSLAVAVQHR	AGAP006258-PA	-	48	8.66E-05	1	1955.088	1.06	Visceras	2L:-:28705123-28705073	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_73517	GNVFASFTHLQHAPFSFR	AGAP006258-PA	-	106	3.74E-10	1	2063.030	2.61	Visceras	2L:-:28703992-28703939	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_73735	AIGADLQSR	AGAP006258-PA	-	55	7.19E-05	1	930.501	0.77	Visceras	2L:-:28705354-28705328	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_74889	DVNIPSIVSLFPDQFVDPAVFPK	AGAP006258-PA	-	57	1.35E-05	2	2544.347	3.39	Head	2L:-:28705060-28704992	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_76983	GAFSLFAPK	AGAP006258-PA	-	68	1.18E-06	2	937.515	1.34	Visceras	2L:-:28705243-28705217	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_77220	AANTTLQDVDR	AGAP006258-PA	-	93	6.95E-09	1	1203.595	-1.5	Pupa	2L:-:28704544-28704512	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_78896	VEVNNESGAVR	AGAP006258-PA	N5(Deamidated)	90	1.56E-08	2	1173.586	0.07	Pupa	2L:-:28703938-28703906	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_79513	YLEDYGVMGDVTTAMR	AGAP006258-PA	M8(Oxidation), M15(Oxidation)	77	1.71E-07	2	1852.813	1.91	Head	2L:-:28704262-28704215	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_80422	IMLDEQR	AGAP006258-PA	M2(Oxidation)	54	6.31E-05	1	920.450	-0.24	Pupa	2L:-:28704406-28704386	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_80696	SQVDLAAGLDFGPK	AGAP006258-PA	-	102	1.23E-09	2	1417.736	2.56	Head	2L:-:28704034-28703993	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_81265	LREEGAAVQQENR	AGAP006258-PA	-	99	1.73E-09	1	1499.750	-3.84	Head	2L:-:28704991-28704953	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_81683	DDGKTVIDLPDEFLTDR	AGAP006258-PA	-	82	1.12E-07	1	1948.954	2.16	Head	2L:-:28705411-28705361	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_81797	VDNGTTVSVNDLER	AGAP006258-PA	N3(Deamidated)	84	7.48E-08	1	1518.742	1.95	Pupa	2L:-:28704511-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_82001	VEVNNESGAVR	AGAP006258-PA	-	97	3.18E-09	2	1173.586	0.38	Head	2L:-:28703938-28703906	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_82177	SQVDLAAGLDFGPK	AGAP006258-PA	-	49	0.000203571	2	1417.732	-0.45	Male reproductive organs	2L:-:28704034-28703993	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_82295	GAFSLFAPK	AGAP006258-PA	-	65	2.05E-06	2	937.514	-0.22	Head	2L:-:28705243-28705217	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_82416	FNNTVIAR	AGAP006258-PA	-	53	5.99E-05	2	934.507	-3.71	Head	2L:-:28702596-28702573	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_87275	NLTNYREPIVEGYYPK	AGAP006258-PA	-	86	4.27E-08	1	1955.986	0.09	Head	2L:-:28704631-28704584	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_87734	HKELLTPYTAEQLGNPGVTVNSVGVQLSRPNTPANVLLTYWQR	AGAP006258-PA	-	77	1.65E-08	1	4761.560	10.2	Malpighian tubule	2L:-:28704163-28704035	exon=> In CDS Exon 2 of transcript AGAP006258-PA

JHU_Ag_88357	VEVNNESGAVR	AGAP006258-PA	-	76	3.65E-07	2	1173.590	3.71	Malpighian tubule	2L:-:28703938-28703906	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_88448	TVIDLPDEFLTDR	AGAP006258-PA	-	68	2.78E-06	2	1533.775	-2.79	Midgut	2L:-:28705399-28705361	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_90661	AANTTLQDVDRVDNGTTVSVNDLER	AGAP006258-PA	-	80	1.53E-07	1	2703.324	2.33	Visceras	2L:-:28704544-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_91608	TVIDLPDEFLTDR	AGAP006258-PA	-	84	6.21E-08	1	1533.786	4.22	Head	2L:-:28705399-28705361	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_91847	EPIVEGYYPK	AGAP006258-PA	-	38	0.002296 85	1	1194.603	-0.8	Pupa	2L:-:28704613-28704584	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_91867	DDGKTVIDLPDEFLTDR	AGAP006258-PA	-	42	0.001112 156	1	1948.954	2.22	Pupa	2L:-:28705411-28705361	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_93600	YFIEMDTSTVTLNPGMNTIVR	AGAP006258-PA	M5(Oxidation), M16(Oxidation)	68	2.25E-06	2	2434.156	-2.85	Head	2L:-:28703827-28704877,28702844-28703071	exon=> In CDS Exon 3 and 2 of transcript AGAP006258-PA
JHU_Ag_94283	GAFSLFAPK	AGAP006258-PA	-	63	3.72E-06	2	937.520	5.77	Malpighian tubule	2L:-:28705243-28705217	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_95392	VEVNNESGAVR	AGAP006258-PA	-	75	4.85E-07	2	1173.590	3.4	Larva	2L:-:28703938-28703906	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_95509	TDANNILALLQRPLEPTFLPK	AGAP006258-PA	N-Term(Acetyl)	53	1.52E-05	3	2406.339	0.01	Midgut	2L:-:28705474-28705412	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_97481	FNNTVIAR	AGAP006258-PA	-	47	0.000239 564	2	934.510	-0.18	Visceras	2L:-:28702596-28702573	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_99151	TVIDLPDEFLTDR	AGAP006258-PA	-	76	4.33E-07	1	1533.783	2.55	Visceras	2L:-:28705399-28705361	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_99394	NLTNYREPIVEGYYPK	AGAP006258-PA	-	75	4.49E-07	1	1955.987	0.4	Visceras	2L:-:28704631-28704584	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_99967	FCGCGWPQHMLVPK	AGAP006258-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), M10(Oxidation)	37	0.001974 375	1	1732.783	4.33	Malpighian tubule	2L:-:28702968-28702927	exon=> In CDS Exon 3 of transcript AGAP006258-PA
JHU_Ag_100741	TDANNILALLQRPLEPTFLPK	AGAP006258-PA	N-Term(Acetyl)	71	2.10E-07	1	2406.349	4.13	Head	2L:-:28705474-28705412	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_101215	AANTTLQDVDR	AGAP006258-PA	-	77	3.31E-07	2	1203.600	2.86	Malpighian tubule	2L:-:28704544-28704512	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_101504	TVIDLPDEFLTDRYR	AGAP006258-PA	-	53	6.17E-05	1	1852.955	5.72	Malpighian tubule	2L:-:28705399-28705355	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_103247	TADTVATLADFVTPNSNMKTATVQVK	AGAP006258-PA	M18(Oxidation)	62	6.32E-06	3	2739.404	6.21	Malpighian tubule	2L:-:28702674-28702597	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_106017	TDANNILALLQRPLEPTFLPK	AGAP006258-PA	N-Term(Acetyl)	102	1.48E-10	1	2406.344	2.07	Visceras	2L:-:28705474-28705412	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_107696	FNNTVIAR	AGAP006258-PA	-	37	0.002372 52	2	934.511	0.8	Pupa	2L:-:28702596-28702573	exon=> In CDS Exon 4 of transcript AGAP006258-PA
JHU_Ag_108350	SQVDLAAGLDFGPK	AGAP006258-PA	-	119	2.54E-11	2	1417.735	1.88	Pupa	2L:-:28704034-28703993	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_108461	AIGADLQSR	AGAP006258-PA	-	47	0.000429 682	1	930.500	-0.22	Pupa	2L:-:28705354-28705328	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_109059	AANTTLQDVDRVDNGTTVSVNDLER	AGAP006258-PA	-	114	6.42E-11	1	2703.332	4.97	Malpighian tubule	2L:-:28704544-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_112436	YFIEMDTSTVTLNPGMNTIVRR	AGAP006258-PA	M5(Oxidation), M16(Oxidation)	89	1.65E-08	1	2590.274	3.97	Malpighian tubule	2L:-:28703827-28704877,28702844-28703068	exon=> In CDS Exon 3 and 2 of transcript AGAP006258-PA
JHU_Ag_113000	GNVFASFTHLQHAPFSFR	AGAP006258-PA	-	91	1.18E-08	1	2063.032	3.44	Larva	2L:-:28703992-28703939	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_113799	SQVDLAAGLDFGPK	AGAP006258-PA	-	117	2.95E-11	1	1417.740	5.32	Malpighian tubule	2L:-:28704034-28703993	exon=> In CDS Exon 2 of transcript AGAP006258-PA

JHU_Ag_114487	GNVFASFTHLQHAPFSFR	AGAP006258-PA	-	36	0.003740064	1	2063.034	4.38	Malpighian tubule	2L:-:28703992-28703939	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_114497	EDTKDVNIPSIVSLFPDQFVDPAVFPK	AGAP006258-PA	-	82	5.25E-08	1	3017.560	3.17	Head	2L:-:28705072-28704992	exon=> In CDS Exon 1 of transcript AGAP006258-PA
JHU_Ag_116794	AANTTLQDVDRVDNGTTVSVNDLER	AGAP006258-PA	-	110	1.61E-10	1	2703.327	3.28	Head	2L:-:28704544-28704470	exon=> In CDS Exon 2 of transcript AGAP006258-PA
JHU_Ag_110836	RSDQSSVTIPYER	AGAP006258-PA,AGAP004978-PA	-	79	2.16E-07	1	1537.762	1.02	Visceras	2L:-:28703070-28703032;2L:-:7456049-7456011	exon=> In CDS Exon 3 of transcript AGAP006258-PA;exon=> In CDS Exon 4 of transcript AGAP004978-PA
JHU_Ag_32360	DQAAEVGK	AGAP006259-PA	-	34	0.008056712	2	817.406	1.57	Head	2L:-:28706048-28706025	exon=> In CDS Exon 1 of transcript AGAP006259-PA
JHU_Ag_51969	KVEDVAGK	AGAP006259-PA	-	55	6.82E-05	1	845.473	0.81	Head	2L:-:28706078-28706055	exon=> In CDS Exon 1 of transcript AGAP006259-PA
JHU_Ag_61356	AALPDAPK	AGAP006259-PA	-	49	5.64E-05	2	782.440	-0.4	Head	2L:-:28706150-28706127	exon=> In CDS Exon 1 of transcript AGAP006259-PA
JHU_Ag_82018	KLTDAFK	AGAP006259-PA	-	46	0.000117 84	1	822.472	-0.43	Head	2L:-:28706024-28706004	exon=> In CDS Exon 1 of transcript AGAP006259-PA
JHU_Ag_21849	VHFSEQVQDHSPAQPELLR	AGAP006260-PA,AGAP006260-PC	-	91	1.33E-08	1	2217.108	1.45	Visceras	2L:-:28740410-28740500,28724786-28725073;2L:-:28740410-28740500,28724786-28725073	exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PC
JHU_Ag_112728	VHFSEQVQDHSPAQPELLR	AGAP006260-PA,AGAP006260-PC	-	70	1.76E-06	1	2217.098	-3.18	Head	2L:-:28740410-28740500,28724786-28725073;2L:-:28740410-28740500,28724786-28725073	exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PC
JHU_Ag_7385	DLMHIDAQNLFR	AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	-	61	1.05E-05	1	1472.735	2.46	Visceras	2L:-:28725033-28724998;2L:-:28725033-28724998;2L:-:28725033-28724998	exon=> In CDS Exon 2 of transcript AGAP006260-PA;exon=> In CDS Exon 2 of transcript AGAP006260-PC;exon=> In CDS Exon 2 of transcript AGAP006260-PB
JHU_Ag_42938	DLMHIDAQNLFR	AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	M3(Oxidation)	53	7.38E-05	1	1488.729	1.59	Male reproductive organs	2L:-:28725033-28724998;2L:-:28725033-28724998;2L:-:28725033-28724998	exon=> In CDS Exon 2 of transcript AGAP006260-PA;exon=> In CDS Exon 2 of transcript AGAP006260-PC;exon=> In CDS Exon 2 of transcript AGAP006260-PB
JHU_Ag_54901	QPYPPPAPTSLNDANEAITNQPYR	AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	-	95	4.77E-09	1	2654.291	2.34	Head	2L:-:28724591-28724715,28714359-28714500;2L:-:28724591-28724715,28714338-28714500;2L:-:28724591-28724715,28714338-28714500	exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PB

JHU_Ag_99183	QPYPPPAPTSLNDANEAITNQPYR	AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	-	46	0.000339105	2	2654.300	5.65	Malpighian tubule	2L:-:28724591-28724715,28714359-28714500;2L:-:28724591-28724715,28714338-28714500;2L:-:28724591-28724715,28714338-28714500	exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PB
JHU_Ag_107128	QPYPPPAPTSLNDANEAITNQPYR	AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	-	76	3.53E-07	2	2654.288	1.14	Visceras	2L:-:28724591-28724715,28714359-28714500;2L:-:28724591-28724715,28714338-28714500;2L:-:28724591-28724715,28714338-28714500	exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP006260-PB
JHU_Ag_114488	DLMHIDAQNLFR	AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	M3(Oxidation)	57	3.01E-05	1	1488.728	1.34	Head	2L:-:28725033-28724998;2L:-:28725033-28724998;2L:-:28725033-28724998	exon=> In CDS Exon 2 of transcript AGAP006260-PA;exon=> In CDS Exon 2 of transcript AGAP006260-PC;exon=> In CDS Exon 2 of transcript AGAP006260-PB
JHU_Ag_61650	ALQEGTGEGLQEVPNPIQPK	AGAP006260-PA,AGAP006260-PD	-	128	1.96E-12	1	2105.089	0.94	Visceras	2L:-:28709760-28709701;2L:-:28709760-28709701	exon=> In CDS Exon 8 of transcript AGAP006260-PA;exon=> In CDS Exon 6 of transcript AGAP006260-PD
JHU_Ag_63210	VIGEEPPTGPK	AGAP006260-PA,AGAP006260-PD	-	52	6.03E-05	1	1123.599	-0.45	Visceras	2L:-:28713575-28713543;2L:-:28713575-28713543	exon=> In CDS Exon 5 of transcript AGAP006260-PA;exon=> In CDS Exon 3 of transcript AGAP006260-PD
JHU_Ag_85907	KPNANHPAPQPEFAYR	AGAP006260-PA,AGAP006260-PD	-	47	0.000308268	1	1836.914	-0.01	Visceras	2L:-:28709409-28709362;2L:-:28709409-28709362	exon=> In CDS Exon 9 of transcript AGAP006260-PA;exon=> In CDS Exon 7 of transcript AGAP006260-PD
JHU_Ag_113108	QFNSPIGLYSDNNIENTIR	AGAP006260-PA,AGAP006260-PD	-	79	2.01E-07	2	2195.075	1	Visceras	2L:-:28712897-28712841;2L:-:28712897-28712841	exon=> In CDS Exon 6 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PD
JHU_Ag_4860	VQDHSPAQPELLR	AGAP006260-PB	-	76	3.63E-07	1	1489.776	0.31	Visceras	2L:-:28725111-28725073	exon=> In CDS Exon 2 of transcript AGAP006260-PB
JHU_Ag_6734	SSPQVAWGIR	AGAP006260-PB	-	52	5.69E-05	1	1100.586	1.32	Male reproductive organs	2L:-:28733245-28733216	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_11604	VQDHSPAQPELLR	AGAP006260-PB	-	69	1.91E-06	1	1489.780	2.69	Head	2L:-:28725111-28725073	exon=> In CDS Exon 2 of transcript AGAP006260-PB
JHU_Ag_44678	RSSPQVAWGIR	AGAP006260-PB	-	41	0.000922369	2	1256.685	-1.11	Visceras	2L:-:28733248-28733216	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_54883	SSPQVAWGIR	AGAP006260-PB	-	76	2.65E-07	2	1100.583	-1.56	Head	2L:-:28733245-28733216	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_58635	SSPQVAWGIR	AGAP006260-PB	-	63	5.15E-06	2	1100.586	1.21	Visceras	2L:-:28733245-28733216	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_65733	LAGGTDLNAPLIITR	AGAP006260-PB	-	109	5.34E-11	1	1524.876	1	Head	2L:-:28733215-28733171	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_74211	LAGGTDLNAPLIITR	AGAP006260-PB	-	95	9.88E-10	1	1524.880	3.64	Malpighian tubule	2L:-:28733215-28733171	exon=> In CDS Exon 1 of transcript AGAP006260-PB

JHU_Ag_79192	VQDHSPAQPELLR	AGAP006260-PB	-	50	0.000176616	1	1489.777	0.47	Male reproductive organs	2L:-:28725111-28725073	exon=> In CDS Exon 2 of transcript AGAP006260-PB
JHU_Ag_105338	LAGGTDLNAPLIITR	AGAP006260-PB	-	113	1.90E-11	1	1524.877	1.32	Male reproductive organs	2L:-:28733215-28733171	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_107804	LAGGTDLNAPLIITR	AGAP006260-PB	-	107	7.82E-11	1	1524.877	1.72	Visceras	2L:-:28733215-28733171	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_111768	SPKPHDFTVTLRR	AGAP006260-PB	-	51	4.61E-05	1	1553.856	0.95	Malpighian tubule	2L:-:28733284-28733246	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_112024	SSPQVAWGIR	AGAP006260-PB	-	38	0.001477138	2	1100.586	1.32	Malpighian tubule	2L:-:28733245-28733216	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_117738	SPKPHDFTVTLRR	AGAP006260-PB	-	63	3.45E-06	1	1553.855	0.08	Male reproductive organs	2L:-:28733284-28733246	exon=> In CDS Exon 1 of transcript AGAP006260-PB
JHU_Ag_7225	GSPAFIHFAHR	AGAP006260-PD	-	85	4.10E-08	1	1239.641	2.09	Head	2L:-:28717132-28717100	exon=> In CDS Exon 1 of transcript AGAP006260-PD
JHU_Ag_10376	NENYDEAQIDYQPYR	AGAP006260-PD	-	81	4.37E-08	2	1917.820	-2.67	Visceras	2L:-:28717099-28717156,28714359-28714500	exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PD
JHU_Ag_10626	NENYDEAQIDYQPYR	AGAP006260-PD	Q8(Deamidated)	87	9.83E-09	1	1918.812	1.39	Ovary	2L:-:28717099-28717156,28714359-28714500	exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PD
JHU_Ag_15896	NENYDEAQIDYQPYR	AGAP006260-PD	-	108	9.17E-11	1	1917.825	-0.26	Male reproductive organs	2L:-:28717099-28717156,28714359-28714500	exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PD
JHU_Ag_28598	AAAYQYR	AGAP006260-PD	N-Term(Acetyl)	40	0.000881599	2	884.431	5	Male reproductive organs	2L:-:28717153-28717133	exon=> In CDS Exon 1 of transcript AGAP006260-PD
JHU_Ag_46100	NENYDEAQIDYQPYR	AGAP006260-PD	-	121	4.74E-12	1	1917.827	0.83	Head	2L:-:28717099-28717156,28714359-28714500	exon=> In CDS Exon 2 and 1 of transcript AGAP006260-PD
JHU_Ag_58949	GSPAFIHFAHR	AGAP006260-PD	-	85	4.31E-08	1	1239.638	-0.27	Male reproductive organs	2L:-:28717132-28717100	exon=> In CDS Exon 1 of transcript AGAP006260-PD
JHU_Ag_112614	AAAYQYR	AGAP006260-PD	N-Term(Acetyl)	33	0.004948604	1	884.426	0.32	Head	2L:-:28717153-28717133	exon=> In CDS Exon 1 of transcript AGAP006260-PD
JHU_Ag_8265	LVPGKKPNANHPAPQPEFAYR	AGAP006260-PD,AGAP006260-PA	-	75	2.53E-07	1	2331.236	0.1	Male reproductive organs	2L:-:28709682-28709809,28709272-28709362;2L:-:28709682-28709809,28709272-28709362	exon=> In CDS Exon 7 and 6 of transcript AGAP006260-PD;exon=> In CDS Exon 9 and 8 of transcript AGAP006260-PA
JHU_Ag_17942	TVVFDPCKSETYR	AGAP006260-PD,AGAP006260-PA	C7(Carbamidomethyl)	71	1.17E-06	1	1601.766	1.98	Malpighian tubule	2L:-:28709799-28709761;2L:-:28709799-28709761	exon=> In CDS Exon 6 of transcript AGAP006260-PD;exon=> In CDS Exon 8 of transcript AGAP006260-PA
JHU_Ag_26318	LAETVIHRVIGEEPPTGPK	AGAP006260-PD,AGAP006260-PA	-	108	8.64E-11	1	2043.131	3.57	Malpighian tubule	2L:-:28713599-28713543;2L:-:28713599-28713543	exon=> In CDS Exon 3 of transcript AGAP006260-PD;exon=> In CDS Exon 5 of transcript AGAP006260-PA
JHU_Ag_28788	KPNANHPAPQPEFAYR	AGAP006260-PD,AGAP006260-PA	-	103	7.69E-10	1	1836.912	-1.04	Male reproductive organs	2L:-:28709409-28709362;2L:-:28709409-28709362	exon=> In CDS Exon 7 of transcript AGAP006260-PD;exon=> In CDS Exon 9 of transcript AGAP006260-PA
JHU_Ag_39213	QSAPQQTQTVPSNGYTNNR	AGAP006260-PD,AGAP006260-PA	N17(Deamidated),N13(Deamidated),N18(Deamidated)	46	0.000299781	1	2091.969	0.11	Head	2L:-:28712840-28712909,28712231-28712257;2L:-:28712840-28712909,28712231-28712257	exon=> In CDS Exon 5 and 4 of transcript AGAP006260-PD;exon=> In CDS Exon 7 and 6 of transcript AGAP006260-PA

JHU_Ag_39391	LAETVIHR	AGAP006260-PD,AGAP006260-PA	-	49	7.80E-05	2	938.540	-1.6	Male reproductive organs	2L:-:28713599-28713576;2L:-:28713599-28713576	exon=> In CDS Exon 3 of transcript AGAP006260-PD;exon=> In CDS Exon 5 of transcript AGAP006260-PA
JHU_Ag_44517	LVPGKKPNANHPAPQPEFAYR	AGAP006260-PD,AGAP006260-PA	-	45	0.000294048	1	2331.235	-0.29	Head	2L:-:28709682-28709809,28709272-28709362;2L:-:28709682-28709809,28709272-28709362	exon=> In CDS Exon 7 and 6 of transcript AGAP006260-PD;exon=> In CDS Exon 9 and 8 of transcript AGAP006260-PA
JHU_Ag_45739	TVVFDPCKSETYR	AGAP006260-PD,AGAP006260-PA	C7(Carbamidomethyl)	84	6.22E-08	1	1601.764	0.6	Head	2L:-:28709799-28709761;2L:-:28709799-28709761	exon=> In CDS Exon 6 of transcript AGAP006260-PD;exon=> In CDS Exon 8 of transcript AGAP006260-PA
JHU_Ag_52847	VIGEEPPTGPK	AGAP006260-PD,AGAP006260-PA	-	52	5.64E-05	1	1123.600	0.85	Malpighian tubule	2L:-:28713575-28713543;2L:-:28713575-28713543	exon=> In CDS Exon 3 of transcript AGAP006260-PD;exon=> In CDS Exon 5 of transcript AGAP006260-PA
JHU_Ag_63816	ALQEGTGEGLQEVPNPIQPK	AGAP006260-PD,AGAP006260-PA	-	143	5.91E-14	1	2105.087	-0.22	Male reproductive organs	2L:-:28709760-28709701;2L:-:28709760-28709701	exon=> In CDS Exon 6 of transcript AGAP006260-PD;exon=> In CDS Exon 8 of transcript AGAP006260-PA
JHU_Ag_65794	RLMLHVMSEMD	AGAP006260-PD,AGAP006260-PA	M3(Oxidation), M7(Oxidation), M10(Oxidation)	35	0.002500863	1	1409.619	-2.18	Head	2L:-:28709307-28709275;2L:-:28709307-28709275	exon=> In CDS Exon 7 of transcript AGAP006260-PD;exon=> In CDS Exon 9 of transcript AGAP006260-PA
JHU_Ag_74271	QFNSPIGLYSDNNIENTIR	AGAP006260-PD,AGAP006260-PA	N16(Deamidated),N13(Deamidated),N12(Deamidated)	112	1.07E-10	1	2195.077	1.89	Head	2L:-:28712897-28712841;2L:-:28712897-28712841	exon=> In CDS Exon 4 of transcript AGAP006260-PD;exon=> In CDS Exon 6 of transcript AGAP006260-PA
JHU_Ag_75201	TVVFDPCKSETYR	AGAP006260-PD,AGAP006260-PA	C7(Carbamidomethyl)	75	4.78E-07	1	1601.763	-0.01	Male reproductive organs	2L:-:28709799-28709761;2L:-:28709799-28709761	exon=> In CDS Exon 6 of transcript AGAP006260-PD;exon=> In CDS Exon 8 of transcript AGAP006260-PA
JHU_Ag_80529	LAETVIHR	AGAP006260-PD,AGAP006260-PA	-	66	1.39E-06	2	938.543	0.74	Head	2L:-:28713599-28713576;2L:-:28713599-28713576	exon=> In CDS Exon 3 of transcript AGAP006260-PD;exon=> In CDS Exon 5 of transcript AGAP006260-PA
JHU_Ag_81291	ALQEGTGEGLQEVPNPIQPK	AGAP006260-PD,AGAP006260-PA	-	105	3.88E-10	1	2105.095	3.37	Malpighian tubule	2L:-:28709760-28709701;2L:-:28709760-28709701	exon=> In CDS Exon 6 of transcript AGAP006260-PD;exon=> In CDS Exon 8 of transcript AGAP006260-PA
JHU_Ag_86073	TVVFDPCK	AGAP006260-PD,AGAP006260-PA	C7(Carbamidomethyl)	37	0.002217712	1	965.476	-0.64	Male reproductive organs	2L:-:28709799-28709776;2L:-:28709799-28709776	exon=> In CDS Exon 6 of transcript AGAP006260-PD;exon=> In CDS Exon 8 of transcript AGAP006260-PA
JHU_Ag_90146	VNSMGEPNEK	AGAP006260-PD,AGAP006260-PA	M4(Oxidation)	52	4.98E-05	1	1120.497	2.59	Male reproductive organs	2L:-:28709361-28709332;2L:-:28709361-28709332	exon=> In CDS Exon 7 of transcript AGAP006260-PD;exon=> In CDS Exon 9 of transcript AGAP006260-PA
JHU_Ag_92195	IHQSGSFK	AGAP006260-PD,AGAP006260-PA	-	53	8.88E-05	1	903.469	0.81	Head	2L:-:28709331-28709308;2L:-:28709331-28709308	exon=> In CDS Exon 7 of transcript AGAP006260-PD;exon=> In CDS Exon 9 of transcript AGAP006260-PA

JHU_Ag_95474	QFNSPIGLYSDNNIENTIR	AGAP006260-PD,AGAP006260-PA	-	92	9.22E-09	1	2195.078	2.44	Malpighian tubule	2L:-:28712897-28712841;2L:-:28712897-28712841	exon=> In CDS Exon 4 of transcript AGAP006260-PD;exon=> In CDS Exon 6 of transcript AGAP006260-PA
JHU_Ag_98521	LVPGKKPNANHPAPQPEFAYR	AGAP006260-PD,AGAP006260-PA	-	37	0.001734433	1	2331.239	1.36	Malpighian tubule	2L:-:28709682-28709809,28709272-28709362;2L:-:28709682-28709809,28709272-28709362	exon=> In CDS Exon 7 and 6 of transcript AGAP006260-PD;exon=> In CDS Exon 9 and 8 of transcript AGAP006260-PA
JHU_Ag_99505	ALQEGTGEGLQEVPNPIQPK	AGAP006260-PD,AGAP006260-PA	Q11(Deamidated)	154	5.63E-15	1	2105.087	0.01	Head	2L:-:28709760-28709701;2L:-:28709760-28709701	exon=> In CDS Exon 6 of transcript AGAP006260-PD;exon=> In CDS Exon 8 of transcript AGAP006260-PA
JHU_Ag_99978	VIGEEPPTGPK	AGAP006260-PD,AGAP006260-PA	-	54	3.76E-05	1	1123.603	3.09	Male reproductive organs	2L:-:28713575-28713543;2L:-:28713575-28713543	exon=> In CDS Exon 3 of transcript AGAP006260-PD;exon=> In CDS Exon 5 of transcript AGAP006260-PA
JHU_Ag_108504	LAETVIHR	AGAP006260-PD,AGAP006260-PA	-	53	3.13E-05	2	938.544	1.78	Malpighian tubule	2L:-:28713599-28713576;2L:-:28713599-28713576	exon=> In CDS Exon 3 of transcript AGAP006260-PD;exon=> In CDS Exon 5 of transcript AGAP006260-PA
JHU_Ag_113804	KPNANHPAPQPEFAYR	AGAP006260-PD,AGAP006260-PA	N3(Deamidated)	83	7.44E-08	1	1836.916	1.09	Head	2L:-:28709409-28709362;2L:-:28709409-28709362	exon=> In CDS Exon 7 of transcript AGAP006260-PD;exon=> In CDS Exon 9 of transcript AGAP006260-PA
JHU_Ag_115294	VVHKQFNSPIGLYSDNNIENTIR	AGAP006260-PD,AGAP006260-PA	-	136	2.80E-13	1	2658.377	5.2	Malpighian tubule	2L:-:28712909-28712841;2L:-:28712909-28712841	exon=> In CDS Exon 4 of transcript AGAP006260-PD;exon=> In CDS Exon 6 of transcript AGAP006260-PA
JHU_Ag_4456	TTPLVLPGAK	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	-	57	3.55E-06	1	996.611	2.09	Male reproductive organs	2L:-:28714499-28714470;2L:-:28714499-28714470;2L:-:28714499-28714470;2L:-:28714499-28714470	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB
JHU_Ag_22566	TTPLVLPGAK	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	-	29	0.001960871	1	996.612	3.09	Malpighian tubule	2L:-:28714499-28714470;2L:-:28714499-28714470;2L:-:28714499-28714470;2L:-:28714499-28714470	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB
JHU_Ag_46349	KDMLPTESYLR	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	M3(Oxidation)	63	8.10E-06	1	1368.684	0.68	Male reproductive organs	2L:-:28714460-28714428;2L:-:28714460-28714428;2L:-:28714460-28714428;2L:-:28714460-28714428	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB

JHU_Ag_53574	APPAHDYTDSLMK	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	M12(Oxidation)	74	4.71E-07	1	1461.668	-0.18	Malpighian tubule	2L:-:28714403-28714365;2L:-:28714403-28714365;2L:-:28714403-28714365;2L:-:28714403-28714365	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB
JHU_Ag_66297	APPAHDYTDSLMK	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	M12(Oxidation)	103	6.68E-10	1	1461.668	-0.02	Head	2L:-:28714403-28714365;2L:-:28714403-28714365;2L:-:28714403-28714365;2L:-:28714403-28714365	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB
JHU_Ag_69440	DMLPTESYLR	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	M2(Oxidation)	44	0.000544 41	2	1240.585	-2.01	Head	2L:-:28714457-28714428;2L:-:28714457-28714428;2L:-:28714457-28714428;2L:-:28714457-28714428	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB
JHU_Ag_75785	APPAHDYTDSLMK	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	M12(Oxidation)	97	2.17E-09	1	1461.668	-0.27	Male reproductive organs	2L:-:28714403-28714365;2L:-:28714403-28714365;2L:-:28714403-28714365;2L:-:28714403-28714365	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB
JHU_Ag_110171	TTPLVLPGAK	AGAP006260-PD,AGAP006260-PA,AGAP006260-PC,AGAP006260-PB	-	34	0.000865 332	1	996.609	-0.22	Head	2L:-:28714499-28714470;2L:-:28714499-28714470;2L:-:28714499-28714470;2L:-:28714499-28714470	exon=> In CDS Exon 2 of transcript AGAP006260-PD;exon=> In CDS Exon 4 of transcript AGAP006260-PA;exon=> In CDS Exon 4 of transcript AGAP006260-PC;exon=> In CDS Exon 4 of transcript AGAP006260-PB
JHU_Ag_54005	GSYSVVDSDGFIR	AGAP006261-PA	-	44	0.000453 273	2	1401.666	0.82	Head	2L:-:28743518-28743480	exon=> In CDS Exon 4 of transcript AGAP006261-PA
JHU_Ag_65103	FASQPQSAGAYR	AGAP006261-PA	-	63	8.03E-06	1	1282.617	-0.13	Head	2L:-:28743365-28743330	exon=> In CDS Exon 4 of transcript AGAP006261-PA
JHU_Ag_87051	GSYSVVDSDGFIR	AGAP006261-PA	-	37	0.002426 587	2	1401.664	-0.13	Pupa	2L:-:28743518-28743480	exon=> In CDS Exon 4 of transcript AGAP006261-PA
JHU_Ag_89251	FASQPQSAGAYR	AGAP006261-PA	-	61	1.09E-05	1	1282.619	0.82	Pupa	2L:-:28743365-28743330	exon=> In CDS Exon 4 of transcript AGAP006261-PA
JHU_Ag_89675	ADATPIHEQGAQEQQHIPQYLPQGQPQR	AGAP006261-PA	Q12(Deamidated),Q14(Deamidated),Q15(Deamidated),Q9(Deamidated)	113	5.97E-11	1	3165.539	-2.14	Head	2L:-:28745954-28746098,28745729-28745786	exon=> In CDS Exon 2 and 1 of transcript AGAP006261-PA
JHU_Ag_2804	IAANIVVTNNSR	AGAP006263-PA	-	71	7.66E-07	2	1271.706	-0.46	Pupa	2L:-:28772643-28772608	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_6277	RSAVTLTIK	AGAP006263-PA	-	36	0.000238 885	1	988.614	-1.51	Head	2L:-:28772805-28772779	exon=> In CDS Exon 2 of transcript AGAP006263-PA

JHU_Ag_9352	EQIYPMENANMEMTPMQER	AGAP006263-PA	M11(Oxidation), M16(Oxidation),"M6(Oxidation), M16(Oxidation)","M13(Oxidation), M16(Oxidation)","M6(Oxidation), M11(Oxidation), M16(Oxidation)","M6(Oxidation), M11(Oxidation), M13(Oxidation), M16(Oxidation)","M11(Oxidation), M13(Oxidation), M16(Oxidation)","M6(Oxidation), M13(Oxidation), M16(Oxidation)","M6(Oxidation), M13(Oxidation)"	88	2.93E-09	1	2405.975	1.52	Head	2L:-:28773033-28772977	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_13248	SFFLVPLASSNK	AGAP006263-PA	-	46	0.000193491	2	1309.716	0.38	Viscera	2L:-:28772379-28772344	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_13307	SFFLVPLASSNK	AGAP006263-PA	-	71	5.72E-07	1	1309.718	1.84	Head	2L:-:28772379-28772344	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_16646	LPSSLVSK	AGAP006263-PA	-	44	0.000561386	2	830.496	-2.66	Head	2L:-:28772742-28772719	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_18510	EDDVNLASSTLISEGK	AGAP006263-PA	-	98	2.43E-09	2	1677.822	2.23	Head	2L:-:28772307-28772260	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_20161	LMNPAPGSVER	AGAP006263-PA	M2(Oxidation)	47	0.000236789	1	1170.593	-0.91	Head	2L:-:28772157-28772472,28771909-28772041	exon=> In CDS Exon 4 and 3 of transcript AGAP006263-PA
JHU_Ag_23039	AHVGEDESDK	AGAP006263-PA	-	77	6.77E-08	1	1086.466	-3.56	Head	2L:-:28772844-28772815	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_30230	LQYAPVSR	AGAP006263-PA	-	40	0.001376329	1	933.516	0.31	Head	2L:-:28772775-28772752	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_30262	IAANIVVTNNSR	AGAP006263-PA	-	101	9.19E-10	1	1271.707	0.12	Head	2L:-:28772643-28772608	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_37978	EMVLTK	AGAP006263-PA	-	45	0.000321682	1	720.395	-1.22	Head	2L:-:28773051-28773034	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_39862	LTVYLGK	AGAP006263-PA	-	31	0.002080022	1	793.482	0.18	Ovary	2L:-:28773859-28773839	exon=> In CDS Exon 1 of transcript AGAP006263-PA
JHU_Ag_42967	VFGQLITTYR	AGAP006263-PA	-	84	3.10E-08	2	1197.661	-1.35	Head	2L:-:28773754-28773907,28772563-28773097	exon=> In CDS Exon 2 and 1 of transcript AGAP006263-PA
JHU_Ag_47063	LNCGTLGGELQTDVPFK	AGAP006263-PA	C3(Carbamidomethyl), Q11(Deamidated),C3(Carbamidomethyl)	146	4.53E-14	1	1848.920	2.28	Head	2L:-:28772208-28772158	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_53011	EIYYHGEK	AGAP006263-PA	-	45	0.000408355	1	1038.485	-4.04	Head	2L:-:28772667-28772644	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_58932	HRYENSHYADDDDNIVFEDFAR	AGAP006263-PA	-	144	2.57E-14	1	2728.163	-1.06	Head	2L:-:28771998-28771933	exon=> In CDS Exon 4 of transcript AGAP006263-PA
JHU_Ag_60155	KLQYAPVSR	AGAP006263-PA	Q3(Deamidated)	40	0.00064132	1	1061.606	-4.45	Head	2L:-:28772778-28772752	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_61191	GIALDGHLKEDDVNLASSTLISEGK	AGAP006263-PA	-	161	7.49E-16	1	2582.336	2.12	Head	2L:-:28772334-28772260	exon=> In CDS Exon 3 of transcript AGAP006263-PA

JHU_Ag_61368	VKLNCGTLGGELQTDVPFK	AGAP006263-PA	C5(Carbamidomethyl)	150	1.21E-14	1	2076.076	-1.7	Head	2L:-:28772214-28772158	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_63259	IAANIVVTNNSRK	AGAP006263-PA	-	88	1.06E-08	1	1399.801	-0.76	Head	2L:-:28772643-28772605	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_65238	SFFLVPLASSNKDR	AGAP006263-PA	-	65	3.04E-06	1	1580.845	1	Head	2L:-:28772379-28772338	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_67218	YENSHYADDDDNIVFEDFAR	AGAP006263-PA	N12(Deamidated),N3(Deamidated)	113	1.84E-11	1	2435.008	0.7	Head	2L:-:28771992-28771933	exon=> In CDS Exon 4 of transcript AGAP006263-PA
JHU_Ag_70670	LTVYLGK	AGAP006263-PA	-	32	0.000994143	2	793.481	-1.67	Head	2L:-:28773859-28773839	exon=> In CDS Exon 1 of transcript AGAP006263-PA
JHU_Ag_73262	SFFLVPLASSNK	AGAP006263-PA	-	46	0.00019146	2	1309.719	3.27	Pupa	2L:-:28772379-28772344	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_74905	LGANAFPFTFHFPSMAPSSVTLQAGEDTGKPLGVEYAIK	AGAP006263-PA	M15(Oxidation)	138	1.29E-13	1	4227.079	1.12	Head	2L:-:28772964-28772845	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_81017	GFTFSQGK	AGAP006263-PA	-	39	0.000911979	1	871.430	-0.6	Head	2L:-:28772718-28772695	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_89154	INLEVTLDR	AGAP006263-PA	-	58	2.21E-05	2	1072.599	-0.88	Head	2L:-:28772694-28772668	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_89449	KLGANAFPFTFHFPSMAPSSVTLQAGEDDTGKPLGVEYAIK	AGAP006263-PA	M16(Oxidation)	69	6.03E-07	1	4355.194	5.51	Head	2L:-:28772967-28772845	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_94582	INLEVTLDREIYYHGEK	AGAP006263-PA	N2(Deamidated)	68	1.95E-06	1	2093.070	7.23	Head	2L:-:28772694-28772644	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_97753	EGCPITPGASFTK	AGAP006263-PA	C3(Carbamidomethyl)	73	8.84E-07	1	1364.651	-0.1	Head	2L:-:28772418-28772380	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_101258	RLPSSLVSK	AGAP006263-PA	-	40	0.000755625	2	986.599	-0.31	Head	2L:-:28772745-28772719	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_104401	SAVTLTIKK	AGAP006263-PA	-	64	1.68E-07	2	960.608	-1.25	Head	2L:-:28772802-28772776	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_105149	VFGQLITTYR	AGAP006263-PA	-	47	0.000165067	2	1197.663	0.39	Pupa	2L:-:28773754-28773907,28772563-28773097	exon=> In CDS Exon 2 and 1 of transcript AGAP006263-PA
JHU_Ag_108474	DFIDHTDYCDPIDGVIVLDEEYLR	AGAP006263-PA	C9(Carbamidomethyl)	122	9.08E-12	1	2912.336	2.34	Head	2L:-:28773835-28773764	exon=> In CDS Exon 1 of transcript AGAP006263-PA
JHU_Ag_111660	HIASLETR	AGAP006263-PA	-	55	3.09E-05	1	926.504	-1.8	Head	2L:-:28772442-28772419	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_112753	GIALDGHLK	AGAP006263-PA	-	55	2.26E-05	1	923.528	-2.65	Head	2L:-:28772334-28772308	exon=> In CDS Exon 3 of transcript AGAP006263-PA
JHU_Ag_114641	YGREEDEVMGVK	AGAP006263-PA	M9(Oxidation)	84	4.67E-08	1	1411.646	-4.16	Head	2L:-:28773096-28773061	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_115334	SAVTLTIK	AGAP006263-PA	-	29	0.004152998	2	832.515	1.64	Head	2L:-:28772802-28772779	exon=> In CDS Exon 2 of transcript AGAP006263-PA
JHU_Ag_116552	KVFGQLITTYR	AGAP006263-PA	-	78	8.32E-08	1	1325.756	-0.94	Head	2L:-:28773757-28773907,28772563-28773097	exon=> In CDS Exon 2 and 1 of transcript AGAP006263-PA

JHU_Ag_9309	VVAVK	AGAP006263-PA,AGAP000926-PB,AGAP000926-PA,AGAP003108-PA,AGAP003108-PB,AGAP009608-PA,AGAP000843-PA,AGAP007254-PA,AGAP005985-PA	N-Term(Acetyl)	33	0.0014267	1	557.366	-0.06	Salivary gland	2L:-:28773904-28773890;X:-:17467454-17467440;X:-:17467454-17467440;2R:+:32499141-32499155;2R:+:32499141-32499155;3R:+:36989330-36989344;X:-:15563931-15563917;2L:-:44697940-44697926;2L:+:24527898-24527912	exon=> In CDS Exon 1 of transcript AGAP006263-PA;exon=> In CDS Exon 6 of transcript AGAP000926-PB;exon=> In CDS Exon 6 of transcript AGAP000926-PA;exon=> In CDS Exon 5 of transcript AGAP003108-PA;exon=> In CDS Exon 5 of transcript AGAP003108-PB;exon=> In CDS Exon 7 of transcript AGAP009608-PA;exon=> In CDS Exon 1 of transcript AGAP000843-PA;exon=> In CDS Exon 1 of transcript AGAP007254-PA;exon=> In CDS Exon 3 of transcript AGAP005985-PA
JHU_Ag_7460	FTSISNECYYISPNK	AGAP006267-PA	C8(Carbamidomethyl)	61	1.01E-05	1	1822.839	4.04	Malpighian tubule	2L:-:28803897-28803853	exon=> In CDS Exon 2 of transcript AGAP006267-PA
JHU_Ag_39820	LTPEEQQAFFQTR	AGAP006267-PA	-	81	1.27E-07	1	1594.790	2.22	Ovary	2L:-:28801626-28801588	exon=> In CDS Exon 7 of transcript AGAP006267-PA
JHU_Ag_43063	LNWLDAYFECK	AGAP006267-PA	C10(Carbamidomethyl)	60	1.13E-05	2	1458.678	3.7	Ovary	2L:-:28803852-28803820	exon=> In CDS Exon 2 of transcript AGAP006267-PA
JHU_Ag_43584	FTSISNECYYISPNK	AGAP006267-PA	C8(Carbamidomethyl)	92	5.94E-09	2	1822.831	-0.51	Midgut	2L:-:28803897-28803853	exon=> In CDS Exon 2 of transcript AGAP006267-PA
JHU_Ag_47533	FTSISNECYYISPNK	AGAP006267-PA	C8(Carbamidomethyl)	54	4.66E-05	2	1822.845	7.26	Ovary	2L:-:28803897-28803853	exon=> In CDS Exon 2 of transcript AGAP006267-PA
JHU_Ag_82381	LNWLDAYFECK	AGAP006267-PA	C10(Carbamidomethyl)	67	2.23E-06	2	1458.668	-3.25	Midgut	2L:-:28803852-28803820	exon=> In CDS Exon 2 of transcript AGAP006267-PA
JHU_Ag_100985	FNVDFSPR	AGAP006267-PA	-	46	0.000323548	2	981.480	1.58	Ovary	2L:-:28802013-28801990	exon=> In CDS Exon 6 of transcript AGAP006267-PA
JHU_Ag_107455	LTPEEQQAFFQTR	AGAP006267-PA	-	47	0.000306923	2	1594.785	-0.84	Visceras	2L:-:28801626-28801588	exon=> In CDS Exon 7 of transcript AGAP006267-PA
JHU_Ag_112590	LAEPMMYEDK	AGAP006267-PA	-	44	0.000241764	2	1226.539	-3.67	Midgut	2L:-:28803804-28803775	exon=> In CDS Exon 2 of transcript AGAP006267-PA
JHU_Ag_8406	LPIMTELLR	AGAP006269-PA	-	29	0.008304969	1	1085.638	-1.19	Midgut	2L:-:28926554-28926528	exon=> In CDS Exon 2 of transcript AGAP006269-PA
JHU_Ag_12102	YQLALVHLWQNAR	AGAP006269-PA	-	66	1.76E-06	1	1611.877	0.87	Midgut	2L:-:28925786-28925748	exon=> In CDS Exon 2 of transcript AGAP006269-PA
JHU_Ag_95485	VILLVIDALR	AGAP006269-PA	-	55	1.84E-06	2	1124.740	-0.16	Midgut	2L:-:28926641-28926612	exon=> In CDS Exon 2 of transcript AGAP006269-PA
JHU_Ag_3204	SIEAEPWYFR	AGAP006270-PA	-	43	0.000722669	1	1297.626	3.33	Head	2L:-:29001552-29001630,28937748-28937857	exon=> In CDS Exon 3 and 2 of transcript AGAP006270-PA
JHU_Ag_10574	LIKEDEYEAR	AGAP006270-PA	-	50	0.000166977	1	1265.638	0.48	Head	2L:-:28931625-28931596	exon=> In CDS Exon 8 of transcript AGAP006270-PA
JHU_Ag_11538	IFVALYDYDAR	AGAP006270-PA	-	70	1.64E-06	2	1345.685	4.29	Head	2L:-:29014138-29014106	exon=> In CDS Exon 1 of transcript AGAP006270-PA
JHU_Ag_28318	DFLAEAQIMK	AGAP006270-PA	-	50	0.000142093	2	1165.596	3.22	Head	2L:-:28932091-28932062	exon=> In CDS Exon 6 of transcript AGAP006270-PA
JHU_Ag_40322	ADPKDPIGPGPIDSEPVLAGNPVATPPQEAIR	AGAP006270-PA	-	91	4.58E-09	1	3218.672	0.88	Malpighian tubule	2L:-:29014288-29014193	exon=> In CDS Exon 1 of transcript AGAP006270-PA
JHU_Ag_41798	NVLVGDNNIVK	AGAP006270-PA	-	31	0.006309081	1	1184.664	0.48	Malpighian tubule	2L:-:28931752-28931720	exon=> In CDS Exon 7 of transcript AGAP006270-PA
JHU_Ag_42980	KLGSGQFGDVWEGLWNNTTPVAIK	AGAP006270-PA	-	43	0.000466457	3	2617.359	6.78	Head	2L:-:28932287-28932216	exon=> In CDS Exon 5 of transcript AGAP006270-PA

JHU_Ag_44056	HGSLLDYLQGK	AGAP006270-PA	-	69	2.25E-06	1	1230.649	1.39	Head	2L:-:28931977-28932108,28931697-28931861	exon=> In CDS Exon 7 and 6 of transcript AGAP006270-PA
JHU_Ag_51638	LLLPENEHGAFLIR	AGAP006270-PA	-	60	4.32E-06	1	1621.914	4.54	Head	2L:-:28937826-28937785	exon=> In CDS Exon 3 of transcript AGAP006270-PA
JHU_Ag_53120	TDEDLSFR	AGAP006270-PA	-	54	4.02E-05	1	982.449	1.45	Head	2L:-:29014105-29014082	exon=> In CDS Exon 1 of transcript AGAP006270-PA
JHU_Ag_53878	RPTFETLQWK	AGAP006270-PA	-	41	0.000946114	1	1305.700	3.42	Head	2L:-:28931256-28931227	exon=> In CDS Exon 9 of transcript AGAP006270-PA
JHU_Ag_61418	QLDEGGFFIAR	AGAP006270-PA	-	48	0.000204557	2	1252.634	1.26	Head	2L:-:28937618-28937586	exon=> In CDS Exon 4 of transcript AGAP006270-PA
JHU_Ag_76060	GEHLEILNDTQGDWWLAR	AGAP006270-PA	-	36	0.004221949	3	2153.049	3.53	Midgut	2L:-:29014078-29014318,29001536-29001610	exon=> In CDS Exon 2 and 1 of transcript AGAP006270-PA
JHU_Ag_78895	TRQEGYIPSNYVAK	AGAP006270-PA	-	45	0.00041935	1	1625.838	6.11	Malpighian tubule	2L:-:29001600-29001559	exon=> In CDS Exon 2 of transcript AGAP006270-PA
JHU_Ag_81811	TRQEGYIPSNYVAK	AGAP006270-PA	-	39	0.001738163	2	1625.833	2.66	Head	2L:-:29001600-29001559	exon=> In CDS Exon 2 of transcript AGAP006270-PA
JHU_Ag_89658	SIEAEPWYFRK	AGAP006270-PA	-	45	0.000410114	1	1425.726	6.63	Head	2L:-:29001552-29001630,28937748-28937854	exon=> In CDS Exon 3 and 2 of transcript AGAP006270-PA
JHU_Ag_91069	LEDFFTMDPSEYK	AGAP006270-PA	-	53	4.85E-05	2	1621.714	2.81	Head	2L:-:28931226-28931188	exon=> In CDS Exon 9 of transcript AGAP006270-PA
JHU_Ag_94892	ADPKDPIGPGPIDSEPVLAGNPVATPPQEAIR	AGAP006270-PA	-	114	2.22E-11	1	3218.683	4.18	Head	2L:-:29014288-29014193	exon=> In CDS Exon 1 of transcript AGAP006270-PA
JHU_Ag_95984	SGTMDPKDFLAEAQIMK	AGAP006270-PA	Q14(Deamidated), M16(Oxidation)	36	0.003373687	1	1898.881	-3.62	Midgut	2L:-:28932206-28932371,28931950-28932062	exon=> In CDS Exon 6 and 5 of transcript AGAP006270-PA
JHU_Ag_102460	NVLVGDNNIVK	AGAP006270-PA	-	33	0.00455494	2	1184.666	2.33	Head	2L:-:28931752-28931720	exon=> In CDS Exon 7 of transcript AGAP006270-PA
JHU_Ag_107707	ADPKDPIGPGPIDSEPVLAGNPVATPPQEAIR	AGAP006270-PA	-	105	1.82E-10	1	3218.679	2.93	Ovary	2L:-:29014288-29014193	exon=> In CDS Exon 1 of transcript AGAP006270-PA
JHU_Ag_113936	KLLLPENEHGAFLIR	AGAP006270-PA	-	48	4.20E-05	1	1750.007	3.51	Head	2L:-:28937829-28937785	exon=> In CDS Exon 3 of transcript AGAP006270-PA
JHU_Ag_117320	TLQELVEHYSK	AGAP006270-PA	-	77	3.36E-07	1	1346.695	0.29	Head	2L:-:28937570-28937538	exon=> In CDS Exon 4 of transcript AGAP006270-PA
JHU_Ag_44163	IADFGLAR	AGAP006270-PA,AGAP004594-PA,AGAP005851-PA,AGAP010115-PA,AGAP003108-PB,AGAP003108-PA	-	43	0.000764846	2	862.480	2.07	Head	2L:-:28931719-28931865,28931460-28931626;2R:-:58174999-58174976;2L:+:22609447-22609470;3R:+:49202706-49202729;2R:+:32499676-32499699;2R:+:32499676-32499699	exon=> In CDS Exon 8 and 7 of transcript AGAP006270-PA;exon=> In CDS Exon 2 of transcript AGAP004594-PA;exon=> In CDS Exon 4 of transcript AGAP005851-PA;exon=> In CDS Exon 2 of transcript AGAP010115-PA;exon=> In CDS Exon 7 of transcript AGAP003108-PB;exon=> In CDS Exon 7 of transcript AGAP003108-PA
JHU_Ag_9446	SLAQGSILLGSVIR	AGAP006273-PA	-	31	0.001567542	2	1413.848	4.05	Malpighian tubule	2L:-:29021967-29021926	exon=> In CDS Exon 4 of transcript AGAP006273-PA
JHU_Ag_12607	VFEFLSLEPR	AGAP006273-PA	-	74	4.62E-07	2	1236.661	-1.15	Midgut	2L:-:29021904-29021875	exon=> In CDS Exon 4 of transcript AGAP006273-PA
JHU_Ag_93724	DFNLVLRPGQTVALVGASGSGK	AGAP006273-PA	-	65	1.30E-06	1	2186.205	5.58	Head	2L:-:29021763-29021698	exon=> In CDS Exon 4 of transcript AGAP006273-PA
JHU_Ag_117788	QIIIQDLEFFDHNR	AGAP006273-PA	-	38	0.002770221	1	1787.917	5.18	Midgut	2L:-:29022537-29022496	exon=> In CDS Exon 4 of transcript AGAP006273-PA

JHU_Ag_18737	STFFPR	AGAP006275-PA	-	37	0.001749322	2	754.391	3.09	Larva	2L:+:29082961-29082977,29083054-29083054	exon=> In CDS Exon 2 and 3 of transcript AGAP006275-PA
JHU_Ag_20218	VVVLDNNELNEV	AGAP006275-PA	-	37	0.002012444	1	1356.701	0.24	Malpighian tubule	2L:+:29083735-29083770	exon=> In CDS Exon 6 of transcript AGAP006275-PA
JHU_Ag_22890	APELISVYDLFHNTLFR	AGAP006275-PA	-	112	5.26E-11	1	2035.076	5.54	Larva	2L:+:29083534-29083584	exon=> In CDS Exon 5 of transcript AGAP006275-PA
JHU_Ag_26368	DADSSSEESAETGEIMK	AGAP006275-PA	M16(Oxidation)	74	1.30E-07	2	1801.732	1.95	Head	2L:+:29082757-29082807	exon=> In CDS Exon 2 of transcript AGAP006275-PA
JHU_Ag_33099	NYVDVPK	AGAP006275-PA	-	40	0.001398803	1	834.439	4.23	Male reproductive organs	2L:+:29083600-29083602,29083717-29083734	exon=> In CDS Exon 5 and 6 of transcript AGAP006275-PA
JHU_Ag_33418	APELISVYDLFHNTLFR	AGAP006275-PA	-	51	7.33E-05	1	2035.067	1.13	Malpighian tubule	2L:+:29083534-29083584	exon=> In CDS Exon 5 of transcript AGAP006275-PA
JHU_Ag_39088	NEGEILFK	AGAP006275-PA	-	40	0.001533903	1	949.503	3.91	Larva	2L:+:29083196-29083217,29083289-29083290	exon=> In CDS Exon 3 and 4 of transcript AGAP006275-PA
JHU_Ag_59359	APELISVYDLFHNTLFR	AGAP006275-PA	-	93	4.60E-09	1	2035.070	2.48	Pupa	2L:+:29083534-29083584	exon=> In CDS Exon 5 of transcript AGAP006275-PA
JHU_Ag_70246	ELQELCR	AGAP006275-PA	C6(Carbamidomethyl)	52	8.45E-05	2	947.462	0.9	Larva	2L:+:29082808-29082828	exon=> In CDS Exon 2 of transcript AGAP006275-PA
JHU_Ag_77326	VVVLDNNELNEV	AGAP006275-PA	-	42	0.000641821	2	1356.704	2.44	Head	2L:+:29083735-29083770	exon=> In CDS Exon 6 of transcript AGAP006275-PA
JHU_Ag_80405	NEGEILFK	AGAP006275-PA	-	34	0.006821078	1	949.502	2.82	Head	2L:+:29083196-29083217,29083289-29083290	exon=> In CDS Exon 3 and 4 of transcript AGAP006275-PA
JHU_Ag_82300	APELISVYDLFHNTLFR	AGAP006275-PA	-	119	1.16E-11	1	2035.067	0.99	Ovary	2L:+:29083534-29083584	exon=> In CDS Exon 5 of transcript AGAP006275-PA
JHU_Ag_102126	VVVLDNNELNEV	AGAP006275-PA	-	65	3.62E-06	2	1356.701	0.55	Male reproductive organs	2L:+:29083735-29083770	exon=> In CDS Exon 6 of transcript AGAP006275-PA
JHU_Ag_106419	NYVDVPKVVVLDNNELNEV	AGAP006275-PA	-	96	2.56E-09	1	2172.128	4.64	Malpighian tubule	2L:+:29083600-29083602,29083717-29083770	exon=> In CDS Exon 5 and 6 of transcript AGAP006275-PA
JHU_Ag_110236	NYVDVPK	AGAP006275-PA	-	46	0.000357896	1	834.439	4.01	Larva	2L:+:29083600-29083602,29083717-29083734	exon=> In CDS Exon 5 and 6 of transcript AGAP006275-PA
JHU_Ag_3429	TPEQTLYAYVR	AGAP006278-PA	-	73	5.21E-07	2	1340.686	0.8	Pupa	2L:+:29235515-29235547	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_6902	DAQTAYYFDQSSTDEPWK	AGAP006278-PA	-	125	1.85E-12	1	2151.916	0.74	Pupa	2L:+:29236318-29236371	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_13588	SLNADKLAAVIR	AGAP006278-PA	-	71	3.15E-07	1	1270.751	2.7	Malpighian tubule	2L:+:29236276-29236311	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_14553	QCQGADDLYWCLR	AGAP006278-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	80	6.68E-08	1	1684.723	1.55	Pupa	2L:+:29236237-29236275	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_19933	TPEQTLYAYVR	AGAP006278-PA	-	49	0.000136842	2	1340.689	3.62	Malpighian tubule	2L:+:29235515-29235547	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_23154	AFHEDPEADDIR	AGAP006278-PA	-	74	3.16E-07	1	1414.626	1.67	Head	2L:+:29235719-29235754	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_25793	WITEEGSVNVAEIVR	AGAP006278-PA	-	86	4.17E-08	2	1701.884	1.91	Pupa	2L:+:29236055-29236081,29236180-29236197	exon=> In CDS Exon 1 and 2 of transcript AGAP006278-PA
JHU_Ag_29293	QCQGADDLYWCLR	AGAP006278-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	71	4.81E-07	1	1684.717	-2.29	Visceras	2L:+:29236237-29236275	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_53830	QIGQSFVDYCEK	AGAP006278-PA	C10(Carbamidomethyl)	54	3.51E-05	2	1473.668	-0.01	Pupa	2L:+:29235935-29235970	exon=> In CDS Exon 1 of transcript AGAP006278-PA

JHU_Ag_62065	DFDGFGVEASELK	AGAP006278-PA	-	83	6.44E-08	2	1413.653	-0.32	Male reproductive organs	2L:+:29236198-29236236	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_62650	LLAGELPDSDCSTVFAK	AGAP006278-PA	C11(Carbamidomethyl)	100	1.65E-09	1	1822.892	1.46	Visceras	2L:+:29235779-29235829	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_68263	AFHEDPEADDIR	AGAP006278-PA	-	58	1.10E-05	1	1414.624	0.72	Pupa	2L:+:29235719-29235754	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_73926	TPEQTLYAYVR	AGAP006278-PA	-	71	8.41E-07	1	1340.686	1.07	Visceras	2L:+:29235515-29235547	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_76275	KILVTYQR	AGAP006278-PA	-	27	0.004614 94	1	1020.617	-2.72	Pupa	2L:+:29235893-29235916	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_77897	SAVDFGNAR	AGAP006278-PA	-	37	0.002569 3	1	936.452	-1.63	Pupa	2L:+:29236372-29236398	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_78338	DAQTAYYFDQSSTDEPWK	AGAP006278-PA	-	49	7.99E-05	2	2151.919	2.44	Malpighian tubule	2L:+:29236318-29236371	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_92307	ILVTYQR	AGAP006278-PA	-	47	0.000146 114	2	892.525	-0.51	Pupa	2L:+:29235896-29235916	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_106680	DFDGFGVEASELK	AGAP006278-PA	-	123	5.42E-12	1	1413.653	-0.15	Pupa	2L:+:29236198-29236236	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_113559	LLAGELPDSDCSTVFAK	AGAP006278-PA	C11(Carbamidomethyl)	93	9.95E-09	1	1822.891	1.12	Pupa	2L:+:29235779-29235829	exon=> In CDS Exon 1 of transcript AGAP006278-PA
JHU_Ag_114097	DFDGFGVEASELK	AGAP006278-PA	-	128	2.20E-12	1	1413.655	1.23	Head	2L:+:29236198-29236236	exon=> In CDS Exon 2 of transcript AGAP006278-PA
JHU_Ag_25556	AINANSFVECSAK	AGAP006279-PA	C10(Carbamidomethyl)	70	1.30E-06	2	1410.663	-3.63	Midgut	2L:+:29400978-29401016	exon=> In CDS Exon 4 of transcript AGAP006279-PA
JHU_Ag_25825	IFNIVVVGDGAVGK	AGAP006279-PA	-	58	9.95E-06	2	1387.794	-0.34	Midgut	2L:+:29397632-29397673	exon=> In CDS Exon 1 of transcript AGAP006279-PA
JHU_Ag_40052	NVELAIEEGVR	AGAP006279-PA	-	82	6.43E-08	2	1228.649	-3.09	Midgut	2L:+:29401026-29401058	exon=> In CDS Exon 4 of transcript AGAP006279-PA
JHU_Ag_618	ALEVTEVGSGFSK	AGAP006280-PA	-	72	8.69E-07	2	1323.680	0.36	Midgut	2L:-:29416655-29416617	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_1959	IEPEAIAVEQINK	AGAP006280-PA	-	61	7.94E-06	2	1453.791	0.81	Salivary gland	2L:-:29413522-29413484	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_1999	YAIKPESPPFGVQK	AGAP006280-PA	-	61	9.69E-06	1	1560.840	-1.12	Midgut	2L:-:29416079-29416038	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_2349	VQVVASSQDQSLTIPLEVK	AGAP006280-PA	-	43	0.000313 988	2	2041.121	1.53	Ovary	2L:-:29414566-29414510	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_3707	LTLFLTPDAVER	AGAP006280-PA	-	55	2.69E-05	2	1374.767	2.7	Midgut	2L:-:29415950-29415915	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_6735	VTLLAPDRVEK	AGAP006280-PA	-	32	0.003266 614	2	1240.726	-0.22	Ovary	2L:-:29415716-29415684	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_7533	SYDIFNGQSYR	AGAP006280-PA	-	49	0.000141 718	2	1349.614	1.74	Head	2L:-:29413900-29413868	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_10201	FGEDFLK	AGAP006280-PA	-	43	0.000474 01	2	855.429	4.48	Ovary	2L:-:29414221-29414201	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_10537	ISGSPFASPLEK	AGAP006280-PA	-	54	6.79E-05	2	1232.653	0.26	Ovary	2L:-:29411597-29411562	exon=> In CDS Exon 7 of transcript AGAP006280-PA
JHU_Ag_10677	LVVGDETSGLAFPGR	AGAP006280-PA	-	55	4.52E-05	2	1517.802	4.2	Salivary gland	2L:-:29414200-29414156	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_10757	IQSTFDESLFYPIR	AGAP006280-PA	-	78	2.43E-07	1	1715.871	4.32	Ovary	2L:-:29418725-29418684	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_11655	GVFQDVGVEYLDRDAIAMR	AGAP006280-PA	M18(Oxidation)	33	0.007728 734	1	2170.066	2.93	Midgut	2L:-:29414911-29414855	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_13454	GVFAVGDVVCFSSPLLSSDAR	AGAP006280-PA	C10(Carbamidomethyl)	85	4.02E-08	2	2183.088	3.52	Head	2L:-:29414155-29414093	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_14452	VAQGSGFYDIK	AGAP006280-PA	-	60	1.16E-05	2	1184.593	-1.04	Midgut	2L:-:29415908-29415876	exon=> In CDS Exon 3 of transcript AGAP006280-PA

JHU_Ag_14707	QIVISPR	AGAP006280-PA	-	32	0.003018268	2	812.494	-5.43	Head	2L:-:29415827-29415807	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_16845	GVTDLVSDTELAK	AGAP006280-PA	-	65	4.55E-06	1	1347.705	3.42	Ovary	2L:-:29417231-29417193	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_16897	HGGAGDSSWSQVLR	AGAP006280-PA	-	61	1.23E-05	1	1456.693	0.31	Midgut	2L:-:29419382-29419341	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_18151	ASEAGIVSAQFDGTTR	AGAP006280-PA	-	79	2.07E-07	2	1609.782	0.19	Midgut	2L:-:29415875-29415828	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_19592	RIESSIPQGLSLSLK	AGAP006280-PA	-	52	1.59E-05	1	1627.949	6.81	Ovary	2L:-:29414458-29414414	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_20975	ANEYTLELEVR	AGAP006280-PA	-	67	3.37E-06	2	1336.674	-0.1	Midgut	2L:-:29413612-29413580	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_21051	ASEAGIVSAQFDGTTR	AGAP006280-PA	-	67	3.34E-06	2	1609.783	0.87	Ovary	2L:-:29415875-29415828	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_24065	VEVTSTDPAVLAIRPQQK	AGAP006280-PA	-	92	2.37E-09	1	1952.088	3.51	Malpighian tubule	2L:-:29413441-29413388	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_26120	ALEVTEVGSGFSK	AGAP006280-PA	-	76	3.72E-07	2	1323.680	0.82	Ovary	2L:-:29416655-29416617	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_30073	LAINPPEVILPFDPNLRR	AGAP006280-PA	-	36	0.000477829	1	2074.182	0.59	Ovary	2L:-:29417405-29417352	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_30108	LAINPPEVILPFDPNLR	AGAP006280-PA	-	79	3.48E-08	1	1918.081	0.44	Head	2L:-:29417405-29417355	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_30573	LVVGDETSGLAFPGR	AGAP006280-PA	-	93	7.11E-09	1	1517.796	0.18	Midgut	2L:-:29414200-29414156	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_32137	FLTFSESKFHVVPR	AGAP006280-PA	-	57	1.43E-05	1	1693.913	4.2	Malpighian tubule	2L:-:29419340-29419299	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_32192	LEGVEIPGR	AGAP006280-PA	-	58	1.10E-05	2	969.535	-1.52	Midgut	2L:-:29416199-29416173	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_35145	LDLIQITPSYDDVDEDCSYR	AGAP006280-PA	C17(Carbamidomethyl)	75	3.48E-07	2	2417.090	3.72	Midgut	2L:-:29419715-29419656	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_35427	VEVTSTDPAVLAIRPQQK	AGAP006280-PA	-	64	1.48E-06	2	1952.089	4.07	Salivary gland	2L:-:29413441-29413388	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_35566	GVTDLVSDTELAK	AGAP006280-PA	-	51	0.000117785	2	1347.706	4.05	Malpighian tubule	2L:-:29417231-29417193	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_37514	VEVTSTDPAVLAIRPQQK	AGAP006280-PA	-	97	7.40E-10	1	1952.093	6.07	Ovary	2L:-:29413441-29413388	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_38474	SYDIFNGQSYR	AGAP006280-PA	-	42	0.00064506	2	1349.611	-0.52	Ovary	2L:-:29413900-29413868	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_38613	YNFETVLKDYVR	AGAP006280-PA	-	43	0.000780334	2	1546.796	3.88	Malpighian tubule	2L:-:29417096-29417061	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_40683	LTLFLTPDAVER	AGAP006280-PA	-	49	9.15E-05	1	1374.766	1.99	Ovary	2L:-:29415950-29415915	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_41430	IEPEAIAVEQINK	AGAP006280-PA	-	40	0.000868606	2	1453.791	1.15	Ovary	2L:-:29413522-29413484	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_43791	DLEASLKVK	AGAP006280-PA	-	36	0.001766423	1	1002.586	2.81	Malpighian tubule	2L:-:29416145-29416119	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_43886	VSLHDSLGNEFSHGLEDVSVLK	AGAP006280-PA	-	132	8.16E-13	1	2382.206	5.05	Ovary	2L:-:29414413-29414348	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_49776	VQVVASSQDQSLTIPLEVK	AGAP006280-PA	-	79	1.05E-07	2	2041.114	-1.88	Midgut	2L:-:29414566-29414510	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_49901	TGVAQVLASSASTGGTGSDGTVTIR	AGAP006280-PA	-	95	3.76E-09	2	2293.163	-0.21	Midgut	2L:-:29414050-29413976	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_51438	TIVTDYR	AGAP006280-PA	-	35	0.002900567	2	867.458	0.84	Midgut	2L:-:29416118-29416098	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_53839	LLASGLTDTSTLK	AGAP006280-PA	-	32	0.003752579	2	1319.744	1.49	Ovary	2L:-:29413579-29413541	exon=> In CDS Exon 4 of transcript AGAP006280-PA

JHU_Ag_54214	QIVISPR	AGAP006280-PA	-	31	0.003071092	2	812.502	3.74	Ovary	2L:-:29415827-29415807	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_54267	NTAIVLAEDLVTGEVLR	AGAP006280-PA	-	95	2.07E-09	2	1813.005	-0.68	Midgut	2L:-:29419619-29419569	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_54381	HGGAGDSSWSQVLR	AGAP006280-PA	-	91	1.21E-08	2	1456.698	3.83	Ovary	2L:-:29419382-29419341	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_55921	LAINPPEVILPFDPNLRR	AGAP006280-PA	-	31	0.000804866	1	2074.197	7.65	Malpighian tubule	2L:-:29417405-29417352	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_56026	GVTDLVSDTELAK	AGAP006280-PA	-	53	8.09E-05	2	1347.707	4.87	Salivary gland	2L:-:29417231-29417193	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_56500	TEVYNPAVLNLALGSQSQLGVGEVR	AGAP006280-PA	-	39	0.001123272	3	2614.383	-0.25	Midgut	2L:-:29415590-29415516	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_56724	IEPEAIAVEQINK	AGAP006280-PA	-	59	1.10E-05	2	1453.793	2.41	Malpighian tubule	2L:-:29413522-29413484	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_60416	IQSTFDESLFYPIR	AGAP006280-PA	-	64	6.42E-06	2	1715.878	8.38	Salivary gland	2L:-:29418725-29418684	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_60546	LFNSEAELQR	AGAP006280-PA	-	46	0.0004296	2	1206.612	0.6	Salivary gland	2L:-:29416706-29416677	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_63083	LAINPPEVILPFDPNLRR	AGAP006280-PA	-	41	0.000151103	1	2074.183	0.94	Midgut	2L:-:29417405-29417352	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_63103	LAINPPEVILPFDPNLR	AGAP006280-PA	-	87	6.58E-09	1	1918.076	-2.1	Midgut	2L:-:29417405-29417355	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_63650	VSLHDSLGNEFSHGLEDVSVLK	AGAP006280-PA	-	118	2.39E-11	1	2382.192	-0.92	Midgut	2L:-:29414413-29414348	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_63777	FVNLITTDKVK	AGAP006280-PA	-	64	8.87E-07	1	1277.752	4.37	Malpighian tubule	2L:-:29416475-29416443	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_63784	LEVFNTLNAPNVVPYVTQYVTK	AGAP006280-PA	-	51	5.63E-05	2	2509.331	-1.07	Head	2L:-:29416562-29416497	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_64997	LDLIQITPSYDDVDEDCSYR	AGAP006280-PA	C17(Carbamidomethyl)	76	2.91E-07	2	2417.086	1.8	Head	2L:-:29419715-29419656	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_65115	LLASGLTDTSTLK	AGAP006280-PA	-	75	1.98E-07	1	1319.741	-0.91	Midgut	2L:-:29413579-29413541	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_65391	LVVRQGMPELLK	AGAP006280-PA	-	28	0.0058623	1	1382.817	-1.42	Ovary	2L:-:29413747-29413712	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_65466	IEPEAIAVEQINK	AGAP006280-PA	-	64	3.31E-06	1	1453.789	-0.45	Midgut	2L:-:29413522-29413484	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_67846	VAQGSGFYDIK	AGAP006280-PA	-	76	2.78E-07	2	1184.595	0.51	Ovary	2L:-:29415908-29415876	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_69917	GVFQDVGVEYLDR	AGAP006280-PA	-	49	0.000189006	1	1496.739	0.35	Ovary	2L:-:29414911-29414873	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_70174	WSTDHADILDVR	AGAP006280-PA	-	43	0.000620731	2	1427.690	-1.27	Midgut	2L:-:29414947-29414912	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_70944	IQSTFDESLFYPIR	AGAP006280-PA	-	119	1.95E-11	1	1715.863	-0.59	Midgut	2L:-:29418725-29418684	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_71378	LLASGLTDTSTLK	AGAP006280-PA	-	31	0.005144342	2	1319.744	1.95	Head	2L:-:29413579-29413541	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_71961	IQSTFDESLFYPIR	AGAP006280-PA	-	53	8.04E-05	2	1715.867	1.97	Visceras	2L:-:29418725-29418684	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_72755	LTLFLTPDAVER	AGAP006280-PA	-	42	0.000435325	2	1374.767	2.7	Salivary gland	2L:-:29415950-29415915	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_76964	LLASGLTDTSTLK	AGAP006280-PA	-	40	0.000525615	2	1319.747	4.36	Malpighian tubule	2L:-:29413579-29413541	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_86441	LVVGDETSGLAFPGR	AGAP006280-PA	-	72	8.29E-07	2	1517.799	2.03	Ovary	2L:-:29414200-29414156	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_88381	VQVVASSQDQSLTIPLEVK	AGAP006280-PA	-	63	3.88E-06	2	2041.116	-0.86	Head	2L:-:29414566-29414510	exon=> In CDS Exon 4 of transcript AGAP006280-PA

JHU_Ag_88793	VEVTSTDPAVLAIRPQQK	AGAP006280-PA	-	59	5.64E-06	2	1952.085	1.95	Midgut	2L:-:29413441-29413388	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_88977	LTLFLTPDAVER	AGAP006280-PA	-	36	0.001955698	2	1374.765	1.37	Visceras	2L:-:29415950-29415915	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_90364	GVTDLVSDTELAK	AGAP006280-PA	-	44	0.000681254	2	1347.702	1.43	Head	2L:-:29417231-29417193	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_94417	LFNSEAELQR	AGAP006280-PA	-	49	0.000205576	2	1206.615	2.93	Ovary	2L:-:29416706-29416677	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_95932	TDVTVFRTLELVAPK	AGAP006280-PA	-	48	3.72E-05	1	1688.966	4.44	Malpighian tubule	2L:-:29414776-29414732	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_96321	LVVGDETSGLAFPGR	AGAP006280-PA	-	79	1.62E-07	2	1517.803	4.36	Malpighian tubule	2L:-:29414200-29414156	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_100561	GVTDLVSDTELAK	AGAP006280-PA	-	69	2.16E-06	2	1347.701	0.61	Midgut	2L:-:29417231-29417193	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_103539	LFNSEAELQR	AGAP006280-PA	-	59	2.06E-05	2	1206.615	3.13	Malpighian tubule	2L:-:29416706-29416677	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_104986	GVFQDVGVEYLDRDAIAMR	AGAP006280-PA	M18(Oxidation)	40	0.00147819	1	2170.065	2.25	Ovary	2L:-:29414911-29414855	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_106748	FGEDFLK	AGAP006280-PA	-	45	0.000276063	2	855.424	-0.73	Midgut	2L:-:29414221-29414201	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_107224	VSLHDSLGNEFSHGLEDVSVLK	AGAP006280-PA	-	63	6.10E-06	1	2382.203	3.93	Head	2L:-:29414413-29414348	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_107765	TFVLLR	AGAP006280-PA	-	45	3.44E-05	2	748.472	0.06	Midgut	2L:-:29418962-29418945	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_108969	TGVAQVLASSASTGGTGSDGTVTIR	AGAP006280-PA	-	97	2.10E-09	2	2293.175	5.22	Malpighian tubule	2L:-:29414050-29413976	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_108985	NTAIVLAEDLVTGEVLR	AGAP006280-PA	-	111	4.10E-11	1	1813.013	3.76	Ovary	2L:-:29419619-29419569	exon=> In CDS Exon 2 of transcript AGAP006280-PA
JHU_Ag_109926	SYDIFNGQSYR	AGAP006280-PA	-	58	1.78E-05	2	1349.612	0.29	Midgut	2L:-:29413900-29413868	exon=> In CDS Exon 4 of transcript AGAP006280-PA
JHU_Ag_111538	FASVDTQSASGTTVGAGETALALSYDHK	AGAP006280-PA	-	94	5.94E-09	1	2784.338	2.02	Head	2L:-:29416298-29416215	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_112863	YIVTGMELGETK	AGAP006280-PA	M6(Oxidation)	63	5.66E-06	2	1356.671	-0.31	Midgut	2L:-:29415515-29415480	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_116343	LEGVEIPGRDYLVLNLPR	AGAP006280-PA	-	86	7.07E-09	1	2053.150	2.88	Ovary	2L:-:29416199-29416146	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_116987	LAINPPEVILPFDPNLRR	AGAP006280-PA	-	41	0.000111406	1	2074.194	6.24	Head	2L:-:29417405-29417352	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_117085	LEGVEIPGRDYLVLNLPR	AGAP006280-PA	-	94	1.29E-09	1	2053.142	-0.96	Midgut	2L:-:29416199-29416146	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_117407	LEGVEIPGRDYLVLNLPR	AGAP006280-PA	-	39	0.000463254	1	2053.143	-0.42	Head	2L:-:29416199-29416146	exon=> In CDS Exon 3 of transcript AGAP006280-PA
JHU_Ag_667	TVDYTADDHNGFNAVVHK	AGAP006283-PB	N10(Deamidated)	54	4.34E-05	1	2003.902	-3.88	Midgut	2L:-:29534844-29534791	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_13413	HVVAEPVAYPK	AGAP006283-PB	-	60	9.35E-06	2	1209.664	1.48	Malpighian tubule	2L:-:29535110-29535230,29534707-29534968	exon=> In CDS Exon 3 and 2 of transcript AGAP006283-PB
JHU_Ag_22646	TVDYTADDHNGFNAVVHK	AGAP006283-PB	N13(Deamidated),N10(Deamidated)	132	7.97E-13	1	2002.915	-4.97	Head	2L:-:29534844-29534791	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_41614	TVDYTADDHNGFNAVVHK	AGAP006283-PB	-	63	7.29E-06	1	2002.931	3	Visceras	2L:-:29534844-29534791	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_44918	HVVAEPVAYPK	AGAP006283-PB	-	73	4.39E-07	1	1209.658	-3.46	Head	2L:-:29535110-29535230,29534707-29534968	exon=> In CDS Exon 3 and 2 of transcript AGAP006283-PB

JHU_Ag_49954	HVVAEPVAYPK	AGAP006283-PB	-	52	4.28E-05	1	1209.667	3.8	Visceras	2L:-:29535110-29535230,29534707-29534968	exon=> In CDS Exon 3 and 2 of transcript AGAP006283-PB
JHU_Ag_68310	YSFNYGIKDPHTGDIK	AGAP006283-PB	-	52	9.09E-05	1	1854.905	1.71	Head	2L:-:29534967-29534920	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_72304	HVVAEPVAYPK	AGAP006283-PB	-	57	1.83E-05	2	1209.663	0.07	Pupa	2L:-:29535110-29535230,29534707-29534968	exon=> In CDS Exon 3 and 2 of transcript AGAP006283-PB
JHU_Ag_80492	YSFNYGIK	AGAP006283-PB	-	42	0.001165947	2	991.487	-1.4	Head	2L:-:29534967-29534944	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_81110	VIAAPVAHYAPAPVLSHYVH	AGAP006283-PB	-	142	4.89E-14	1	2112.142	1.46	Head	2L:-:29534769-29534710	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_90246	VIAAPVAHYAPAPVLSHYVH	AGAP006283-PB	-	35	0.002357041	1	2112.134	-2.27	Midgut	2L:-:29534769-29534710	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_96962	DPHTGDIK	AGAP006283-PB	-	41	0.000985594	2	882.432	0.5	Head	2L:-:29534943-29534920	exon=> In CDS Exon 3 of transcript AGAP006283-PB
JHU_Ag_81396	GQYSLVEPDGSVR	AGAP006283-PB,AGAP006828-PA,AGAP006829-PA,AGAP006830-PA	-	52	0.000122822	2	1406.694	2.08	Visceras	2L:-:29534883-29534845;2L:+:39052910-39052948;2L:+:39075738-39075776;2L:+:39088818-39088818,39090513-39090550	exon=> In CDS Exon 3 of transcript AGAP006283-PB;exon=> In CDS Exon 3 of transcript AGAP006828-PA;exon=> In CDS Exon 3 of transcript AGAP006829-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006830-PA
JHU_Ag_31039	FSGPVSGPAHEIHVEDK	AGAP006321-PA	-	92	1.07E-08	1	1805.884	1.41	Pupa	2L:-:29573726-29573676	exon=> In CDS Exon 2 of transcript AGAP006321-PA
JHU_Ag_20338	LFAVLR	AGAP006323-PA	-	43	6.30E-05	2	718.461	0.49	Salivary gland	2L:+:29583589-29583606	exon=> In CDS Exon 1 of transcript AGAP006323-PA
JHU_Ag_44190	MALDQVPGNQK	AGAP006324-PA	M1(Oxidation), Q10(Deamidated),"M1(Oxidation), N9(Deamidated)"	33	0.004667039	1	1217.569	-11.59	Head	2L:-:29587799-29587767	exon=> In CDS Exon 1 of transcript AGAP006324-PA
JHU_Ag_90052	QNLALLR	AGAP006325-PA	-	31	0.003016204	2	827.502	-9.8	Larva	2L:-:29626977-29626957	exon=> In CDS Exon 1 of transcript AGAP006325-PA
JHU_Ag_59828	DIFALLGNTK	AGAP006327-PA	-	40	0.00092411	2	1091.607	-2.5	Midgut	2L:+:29733837-29733866	exon=> In CDS Exon 1 of transcript AGAP006327-PA
JHU_Ag_112039	DIFALLGNTK	AGAP006327-PA	-	45	0.000253727	2	1091.613	3.09	Pupa	2L:+:29733837-29733866	exon=> In CDS Exon 1 of transcript AGAP006327-PA
JHU_Ag_361	LLGLGPQK	AGAP006328-PA	-	28	0.002893903	2	825.522	3.58	Malpighian tubule	2L:+:29772928-29772951	exon=> In CDS Exon 3 of transcript AGAP006328-PA
JHU_Ag_112820	LLGLGPQK	AGAP006328-PA	-	29	0.001965549	2	825.519	-0.93	Head	2L:+:29772928-29772951	exon=> In CDS Exon 3 of transcript AGAP006328-PA
JHU_Ag_11276	ASLELQQAAVAVGGDSVLK	AGAP006330-PA	-	55	2.47E-05	1	1856.017	2.65	Head	2L:+:29903727-29903783	exon=> In CDS Exon 7 of transcript AGAP006330-PA
JHU_Ag_27352	RQIAEIEHDLR	AGAP006330-PA	-	49	0.000169007	1	1379.733	-4.5	Head	2L:+:29903592-29903624	exon=> In CDS Exon 7 of transcript AGAP006330-PA
JHU_Ag_40889	AGVNLAEYNDIK	AGAP006330-PA	-	36	0.004578032	2	1306.664	0.23	Head	2L:+:29903556-29903591	exon=> In CDS Exon 7 of transcript AGAP006330-PA
JHU_Ag_49275	TFSASEIAFAK	AGAP006330-PA	-	60	1.13E-05	2	1171.600	0.51	Male reproductive organs	2L:+:29903679-29903711	exon=> In CDS Exon 7 of transcript AGAP006330-PA
JHU_Ag_90713	LRDPLYMHLPAPPPK	AGAP006330-PA	M7(Oxidation)	33	0.004373346	1	1760.958	3.4	Head	2L:+:29903628-29903672	exon=> In CDS Exon 7 of transcript AGAP006330-PA
JHU_Ag_96815	LGPLEAK	AGAP006330-PA	-	21	0.009379534	2	727.433	-2.08	Head	2L:+:29903107-29903124,29903210-29903212	exon=> In CDS Exon 5 and 6 of transcript AGAP006330-PA

JHU_Ag_111883	DRQHLITLHK	AGAP006330-PA	-	27	0.010143505	1	1260.717	0.13	Head	2L:+:29903514-29903543	exon=> In CDS Exon 7 of transcript AGAP006330-PA
JHU_Ag_114714	GLPHVTVPLPSR	AGAP006330-PA	-	39	0.000904152	1	1272.742	-0.56	Male reproductive organs	2L:+:29892131-29892166	exon=> In CDS Exon 3 of transcript AGAP006330-PA
JHU_Ag_111117	LVNWSSIGR	AGAP006339-PA	-	51	0.000111768	2	1031.566	2.35	Salivary gland	2L:-:29815609-29815583	exon=> In CDS Exon 6 of transcript AGAP006339-PA
JHU_Ag_2113	FHSFIDTVLVK	AGAP006340-PA,AGAP006340-PB,AGAP006340-PC	-	77	1.73E-07	1	1305.725	3.69	Head	2L:+:29945653-29945680,29945753-29945757;2L:+:29945653-29945680,29945753-29945757;2L:+:29945653-29945680,29945753-29945757	exon=> In CDS Exon 3 and 4 of transcript AGAP006340-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP006340-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP006340-PC
JHU_Ag_25040	DYHQRPYTEQLLK	AGAP006340-PA,AGAP006340-PB,AGAP006340-PC	-	50	0.000141345	1	1690.869	8.26	Ovary	2L:+:29945758-29945796;2L:+:29945758-29945796;2L:+:29945758-29945796	exon=> In CDS Exon 4 of transcript AGAP006340-PA;exon=> In CDS Exon 4 of transcript AGAP006340-PB;exon=> In CDS Exon 4 of transcript AGAP006340-PC
JHU_Ag_30501	SKPQPVEEPGPPSRPQLPQR	AGAP006340-PA,AGAP006340-PB,AGAP006340-PC	-	45	0.000250528	1	2224.186	1.25	Head	2L:+:29946266-29946325;2L:+:29946266-29946325;2L:+:29946266-29946325	exon=> In CDS Exon 6 of transcript AGAP006340-PA;exon=> In CDS Exon 6 of transcript AGAP006340-PB;exon=> In CDS Exon 6 of transcript AGAP006340-PC
JHU_Ag_54910	TDGLTDQQVER	AGAP006340-PA,AGAP006340-PB,AGAP006340-PC	-	33	0.006117532	2	1261.594	-6.16	Head	2L:+:29960588-29960605,29960684-29960698;2L:+:29960588-29960605,29960684-29960698;2L:+:29960588-29960605,29960684-29960698	exon=> In CDS Exon 13 and 14 of transcript AGAP006340-PA;exon=> In CDS Exon 12 and 13 of transcript AGAP006340-PB;exon=> In CDS Exon 11 and 12 of transcript AGAP006340-PC
JHU_Ag_66324	ESHVNVNVTPTSHDATSDTPEIR	AGAP006340-PA,AGAP006340-PB,AGAP006340-PC	-	133	7.67E-13	1	2506.174	-2.45	Head	2L:+:29960203-29960271;2L:+:29960203-29960271;2L:+:29960203-29960271	exon=> In CDS Exon 12 of transcript AGAP006340-PA;exon=> In CDS Exon 11 of transcript AGAP006340-PB;exon=> In CDS Exon 10 of transcript AGAP006340-PC
JHU_Ag_74705	SVGMGVIGTFTNGIPNAAAR	AGAP006342-PA	M4(Oxidation), N12(Deamidated),M4(Oxidation)	76	3.71E-07	1	1949.977	1.17	Larva	2L:-:29969802-29969743	exon=> In CDS Exon 1 of transcript AGAP006342-PA
JHU_Ag_88248	NAAQQLISCGVSLGHIASNYWLIGHR	AGAP006342-PA	C9(Carbamidomethyl)	118	1.72E-11	1	2865.469	3.79	Larva	2L:-:29969742-29969665	exon=> In CDS Exon 1 of transcript AGAP006342-PA
JHU_Ag_92	QAVATACPGNAFFNEIR	AGAP006342-PA,AGAP006343-PA	C7(Carbamidomethyl)	80	1.67E-07	2	1865.889	-3.72	Midgut	2L:-:29969664-29969614;2L:+:29974350-29974400	exon=> In CDS Exon 1 of transcript AGAP006342-PA;exon=> In CDS Exon 1 of transcript AGAP006343-PA
JHU_Ag_23919	SVGMGVIGTFTNAIPNAAAR	AGAP006343-PA	M4(Oxidation)	81	1.05E-07	2	1963.013	3.27	Larva	2L:+:29974212-29974271	exon=> In CDS Exon 1 of transcript AGAP006343-PA
JHU_Ag_34414	NLITCGVSLGHIASNYWLIGHR	AGAP006343-PA	C5(Carbamidomethyl)	60	8.99E-06	1	2481.293	4.36	Larva	2L:+:29974284-29974349	exon=> In CDS Exon 1 of transcript AGAP006343-PA

JHU_Ag_44109	NLITCGVSLGHIASNYWLIGHR	AGAP006343-PA	C5(Carbamidomethyl)	61	6.78E-06	1	2481.295	5.2	Midgut	2L:+:29974284-29974349	exon=> In CDS Exon 1 of transcript AGAP006343-PA
JHU_Ag_109547	SVGMGVIGTFTNAIPNAAAR	AGAP006343-PA	M4(Oxidation)	62	8.72E-06	1	1947.012	0.12	Midgut	2L:+:29974212-29974271	exon=> In CDS Exon 1 of transcript AGAP006343-PA
JHU_Ag_7267	QAVATACPGNAFFNEIR	AGAP006343-PA,AGAP006342-PA	C7(Carbamidomethyl)	80	1.52E-07	2	1865.910	7.14	Larva	2L:+:29974350-29974400;2L:-:29969664-29969614	exon=> In CDS Exon 1 of transcript AGAP006343-PA;exon=> In CDS Exon 1 of transcript AGAP006342-PA
JHU_Ag_46343	LVLIEK	AGAP006348-PA	-	27	0.003753608	1	714.475	-1.25	Pupa	2L:-:30330444-30330427	exon=> In CDS Exon 2 of transcript AGAP006348-PA
JHU_Ag_62582	FSQNLEHFDLR	AGAP006348-PA	-	55	5.26E-05	1	1405.683	-2.17	Head	2L:-:30330417-30330385	exon=> In CDS Exon 2 of transcript AGAP006348-PA
JHU_Ag_105612	FSQNLEHFDLR	AGAP006348-PA	-	50	0.000164537	1	1405.688	1.4	Pupa	2L:-:30330417-30330385	exon=> In CDS Exon 2 of transcript AGAP006348-PA
JHU_Ag_63	VAAEQGMEEGFR	AGAP006353-PA	M7(Oxidation)	70	9.21E-07	1	1339.594	-0.91	Male reproductive organs	2L:+:30442080-30442115	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_2512	EIPCTFIYEDDK	AGAP006353-PA	C4(Carbamidomethyl)	62	5.44E-06	2	1529.686	2.08	Head	2L:+:30441820-30441855	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_8859	CVAFNDVAPQAPVHFLVIPR	AGAP006353-PA	C1(Carbamidomethyl)	74	3.03E-07	1	2250.193	3.24	Malpighian tubule	2L:+:30441942-30442001	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_9097	AQAADASANDTIFGK	AGAP006353-PA	Q2(Deamidated)	97	3.16E-09	1	1479.709	0.79	Head	2L:+:30441763-30441807	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_10129	AQAADASANDTIFGKILR	AGAP006353-PA	-	34	0.00448941	1	1861.988	6.01	Malpighian tubule	2L:+:30441763-30441816	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_14743	VAAEQGMEEGFR	AGAP006353-PA	M7(Oxidation)	91	7.51E-09	1	1339.596	0.73	Ovary	2L:+:30442080-30442115	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_28359	ATEEDEALLGHLMLVGKK	AGAP006353-PA	-	35	0.003168276	1	1954.031	-0.24	Midgut	2L:+:30442026-30442079	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_31123	ATEEDEALLGHLMLVGK	AGAP006353-PA	M13(Oxidation)	106	3.49E-10	2	1825.932	-2.38	Midgut	2L:+:30442026-30442076	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_32077	ATEEDEALLGHLMLVGK	AGAP006353-PA	M13(Oxidation)	66	3.44E-06	1	1841.937	2.91	Malpighian tubule	2L:+:30442026-30442076	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_34162	NGAQSVYHLHLHFLGGR	AGAP006353-PA	N1(Deamidated)	114	5.58E-11	1	1905.984	0.64	Midgut	2L:+:30442137-30442187	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_36174	ATEEDEALLGHLMLVGK	AGAP006353-PA	M13(Oxidation)	133	6.76E-13	1	1841.935	1.79	Head	2L:+:30442026-30442076	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_37168	SDEVAKAQAADASANDTIFGK	AGAP006353-PA	N-Term(Acetyl)	155	5.68E-15	1	2151.026	2.8	Malpighian tubule	2L:+:30441745-30441807	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_39283	VAAEQGMEEGFR	AGAP006353-PA	-	97	2.37E-09	1	1323.600	0.31	Malpighian tubule	2L:+:30442080-30442115	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_46649	EIPCTFIYEDDKCVAFNDVAPQAPVHFLVIPR	AGAP006353-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	136	2.30E-13	1	3760.857	1.65	Visceras	2L:+:30441820-30441855,30441942-30442001	exon=> In CDS Exon 1 and 2 of transcript AGAP006353-PA
JHU_Ag_47708	EIPCTFIYEDDKCVAFNDVAPQAPVHFLVIPR	AGAP006353-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	105	3.00E-10	1	3760.867	4.51	Malpighian tubule	2L:+:30441820-30441855,30441942-30442001	exon=> In CDS Exon 1 and 2 of transcript AGAP006353-PA
JHU_Ag_53195	NGAQSVYHLHLHFLGGR	AGAP006353-PA	Q4(Deamidated),"N1(Deamidated), Q4(Deamidated)",N1(Deamidated)	129	2.05E-12	1	1906.983	8.32	Ovary	2L:+:30442137-30442187	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_54674	EIPCTFIYEDDKCVAFNDVAPQAPVHFLVIPR	AGAP006353-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	73	4.83E-07	1	3760.850	-0.1	Ovary	2L:+:30441820-30441855,30441942-30442001	exon=> In CDS Exon 1 and 2 of transcript AGAP006353-PA
JHU_Ag_55753	AQAADASANDTIFGK	AGAP006353-PA	-	74	6.39E-07	2	1479.708	0.55	Male reproductive organs	2L:+:30441763-30441807	exon=> In CDS Exon 1 of transcript AGAP006353-PA

JHU_Ag_65287	CVAFNDVAPQAPVHFLVIPR	AGAP006353-PA	C1(Carbamidomethyl)	115	2.84E-11	1	2250.188	1.28	Ovary	2L:+:30441942-30442001	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_65865	NGAQSVYHLHLHFLGGR	AGAP006353-PA	N1(Deamidated)	67	2.86E-06	1	1905.987	2.2	Head	2L:+:30442137-30442187	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_74159	AQAADASANDTIFGK	AGAP006353-PA	-	113	7.49E-11	1	1479.708	0.63	Ovary	2L:+:30441763-30441807	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_76614	ATEEDEALLGHLMLVGK	AGAP006353-PA	M13(Oxidation)	70	1.22E-06	2	1825.948	6.51	Visceras	2L:+:30442026-30442076	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_81858	AQAADASANDTIFGK	AGAP006353-PA	-	113	8.04E-11	1	1479.708	0.05	Visceras	2L:+:30441763-30441807	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_84050	VAAEQGMEEGFR	AGAP006353-PA	M7(Oxidation)	87	2.27E-08	2	1323.598	-1.08	Head	2L:+:30442080-30442115	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_89245	CVAFNDVAPQAPVHFLVIPR	AGAP006353-PA	C1(Carbamidomethyl)	51	4.43E-05	1	2250.213	12.11	Head	2L:+:30441942-30442001	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_90929	AQAADASANDTIFGK	AGAP006353-PA	-	125	5.38E-12	1	1479.711	2.61	Malpighian tubule	2L:+:30441763-30441807	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_92893	KTIPQLSK	AGAP006353-PA	-	37	0.001173175	2	914.567	0.36	Ovary	2L:+:30442002-30442025	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_93088	AQAADASANDTIFGK	AGAP006353-PA	-	80	1.43E-07	1	1479.707	-0.53	Midgut	2L:+:30441763-30441807	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_98412	KTIPQLSK	AGAP006353-PA	-	36	0.001550111	2	914.568	1.63	Malpighian tubule	2L:+:30442002-30442025	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_106982	ATEEDEALLGHLMLVGKK	AGAP006353-PA	M13(Oxidation)	99	1.15E-09	1	1954.038	3.38	Malpighian tubule	2L:+:30442026-30442079	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_108617	NGAQSVYHLHLHFLGGR	AGAP006353-PA	Q4(Deamidated),"N1(Deamidated), Q4(Deamidated)",N1(Deamidated)	119	2.13E-11	1	1906.968	0.63	Malpighian tubule	2L:+:30442137-30442187	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_108710	VAAEQGMEEGFR	AGAP006353-PA	-	88	1.85E-08	2	1323.599	-0.98	Midgut	2L:+:30442080-30442115	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_110103	SDEVAK	AGAP006353-PA	N-Term(Acetyl)	42	0.000589429	1	690.331	1.16	Malpighian tubule	2L:+:30441745-30441762	exon=> In CDS Exon 1 of transcript AGAP006353-PA
JHU_Ag_111399	KTIPQLSK	AGAP006353-PA	-	32	0.003114316	2	914.567	0.56	Visceras	2L:+:30442002-30442025	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_112650	EIPCTFIYEDDKCVAFNDVAPQAPVHFLVIPR	AGAP006353-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	64	4.17E-06	1	3760.841	-2.57	Midgut	2L:+:30441820-30441855,30441942-30442001	exon=> In CDS Exon 1 and 2 of transcript AGAP006353-PA
JHU_Ag_117263	ATEEDEALLGHLMLVGK	AGAP006353-PA	M13(Oxidation)	113	6.82E-11	1	1841.934	1.39	Ovary	2L:+:30442026-30442076	exon=> In CDS Exon 2 of transcript AGAP006353-PA
JHU_Ag_11571	DGHVR	AGAP006357-PA	-	33	0.001990969	1	583.294	-1.52	Head	2L:-:30448597-30448583	exon=> In CDS Exon 5 of transcript AGAP006357-PA
JHU_Ag_2259	LYCMLGDATDDVDCYR	AGAP006358-PA	C3(Carbamidomethyl), M4(Oxidation), C14(Carbamidomethyl)	21	0.010231595	1	1982.774	-9.33	Midgut	2L:+:30453424-30453471	exon=> In CDS Exon 3 of transcript AGAP006358-PA
JHU_Ag_56295	HLAATVINQLIER	AGAP006358-PA	-	78	4.09E-08	2	1477.854	3.44	Ovary	2L:+:30453367-30453405	exon=> In CDS Exon 3 of transcript AGAP006358-PA
JHU_Ag_84107	VATLFLNATTEATHKR	AGAP006358-PA	-	41	0.000572726	1	1772.974	4.71	Malpighian tubule	2L:+:30453061-30453108	exon=> In CDS Exon 3 of transcript AGAP006358-PA
JHU_Ag_1291	DIFVTGGGSGNVR	AGAP006359-PA	-	47	0.00033688	2	1278.644	0.45	Ovary	2L:-:30454835-30454797	exon=> In CDS Exon 1 of transcript AGAP006359-PA
JHU_Ag_55408	VLITTNLNLH	AGAP006359-PA	-	54	1.30E-05	1	1137.663	0.08	Ovary	2L:-:30454540-30454511	exon=> In CDS Exon 2 of transcript AGAP006359-PA
JHU_Ag_69930	DIFVTGGGSGNVR	AGAP006359-PA	-	42	0.001071343	2	1278.646	1.69	Male reproductive organs	2L:-:30454835-30454797	exon=> In CDS Exon 1 of transcript AGAP006359-PA
JHU_Ag_100246	GTGVVQIYQLNR	AGAP006359-PA	-	43	0.000683002	2	1347.745	5.07	Malpighian tubule	2L:-:30455570-30455535	exon=> In CDS Exon 1 of transcript AGAP006359-PA

JHU_Ag_1007	VSQDIADTR	AGAP006360-PA	-	73	1.02E-06	2	1004.501	0.69	Head	2L:+:30486094-30486120	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_3052	EAINQLLQTNNFPEFTGR	AGAP006360-PA	N4(Deamidated), Q5(Deamidated), N10(Deamidated),"N4(Deamidated), Q5(Deamidated), N11(Deamidated)"	100	1.55E-09	1	2092.053	3.53	Head	2L:+:30488114-30488167	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_3852	VGLIVETAEAR	AGAP006360-PA	-	77	2.28E-07	1	1157.653	0.62	Salivary gland	2L:+:30485152-30485184	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_4728	QVFVTADVDEETFKR	AGAP006360-PA	-	70	1.41E-06	1	1783.894	4.56	Malpighian tubule	2L:+:30480348-30480392	exon=> In CDS Exon 3 of transcript AGAP006360-PA
JHU_Ag_6397	YIGAILDR	AGAP006360-PA	-	50	0.000109075	2	920.522	1.76	Salivary gland	2L:+:30481130-30481153	exon=> In CDS Exon 5 of transcript AGAP006360-PA
JHU_Ag_6781	VELSEVEPASEIVKR	AGAP006360-PA	-	49	0.000135833	1	1684.908	-2.04	Midgut	2L:+:30485761-30485805	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_7594	SVPTNQEAVGAVAR	AGAP006360-PA	-	85	3.96E-08	2	1398.734	0.12	Head	2L:+:30480285-30480326	exon=> In CDS Exon 3 of transcript AGAP006360-PA
JHU_Ag_7891	GACACDNDTGDGAGVCTSIPHDLYAK	AGAP006360-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C16(Carbamidomethyl)	182	2.17E-18	1	2725.131	0.74	Head	2L:+:30473067-30473144	exon=> In CDS Exon 2 of transcript AGAP006360-PA
JHU_Ag_8475	AQDNPWPQWPR	AGAP006360-PA	-	67	3.30E-06	2	1394.666	4.56	Malpighian tubule	2L:+:30488843-30488875	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_8494	VAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	85	1.27E-08	2	1750.983	1.26	Male reproductive organs	2L:+:30488318-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_11216	VAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	155	9.97E-16	1	1750.985	2.1	Malpighian tubule	2L:+:30488318-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_11263	SVPTNQEAVGAVAR	AGAP006360-PA	-	78	1.77E-07	2	1398.738	3.35	Malpighian tubule	2L:+:30480285-30480326	exon=> In CDS Exon 3 of transcript AGAP006360-PA
JHU_Ag_11544	VLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	82	5.82E-08	2	2086.107	4.96	Ovary	2L:+:30484936-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_11641	VSQDIADTR	AGAP006360-PA	-	79	2.15E-07	2	1004.504	3	Malpighian tubule	2L:+:30486094-30486120	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_11678	SALDLRPGTNIVGGSLR	AGAP006360-PA	-	52	3.86E-05	1	1725.966	3.09	Ovary	2L:+:30486893-30486943	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_12726	VLDITFPANEGPPGYIGGLRR	AGAP006360-PA	-	79	8.26E-08	1	2242.210	5.24	Malpighian tubule	2L:+:30484936-30484998	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_14089	VELSEVEPASEIVKR	AGAP006360-PA	-	95	2.74E-09	1	1684.920	4.77	Malpighian tubule	2L:+:30485761-30485805	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_14769	GVNTVQVEWTK	AGAP006360-PA	-	52	0.000128039	1	1260.659	0.61	Salivary gland	2L:+:30489069-30489101	exon=> In CDS Exon 10 of transcript AGAP006360-PA
JHU_Ag_15316	INNEERAFSSTLSYEIAR	AGAP006360-PA	-	84	6.17E-08	1	2100.043	3.3	Malpighian tubule	2L:+:30487043-30487096	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_16553	GVNTVQVEWTK	AGAP006360-PA	-	40	0.001886536	2	1260.661	2.07	Head	2L:+:30489069-30489101	exon=> In CDS Exon 10 of transcript AGAP006360-PA
JHU_Ag_16919	DLLQEFVNETGSEVAK	AGAP006360-PA	-	40	0.001600579	2	1778.886	2.75	Pupa	2L:+:30487619-30487666	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_17876	VAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	145	1.07E-14	1	1750.982	0.78	Midgut	2L:+:30488318-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_18287	AHPLRVLAHNGEINTLR	AGAP006360-PA	-	27	0.005557057	1	1911.074	3.42	Malpighian tubule	2L:+:30480688-30480738	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_18788	TKVLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	36	0.001352985	1	2315.249	3.88	Malpighian tubule	2L:+:30484930-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_18838	TINVNLTGSAGQSFGAFLVK	AGAP006360-PA	-	65	2.53E-06	2	2024.090	4.47	Malpighian tubule	2L:+:30487130-30487189	exon=> In CDS Exon 9 of transcript AGAP006360-PA

JHU_Ag_18876	SVQLCTLRGQLEFVK	AGAP006360-PA	C5(Carbamidomethyl)	32	0.004479621	1	1777.968	2.6	Malpighian tubule	2L:+:30485704-30485748	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_19531	TINVNLTGSAGQSFGAFLVK	AGAP006360-PA	-	90	9.16E-09	2	2024.075	-3.01	Head	2L:+:30487130-30487189	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_21543	VAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	96	8.27E-10	2	1750.982	0.78	Salivary gland	2L:+:30488318-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_22087	NPDFLTYLALVHTR	AGAP006360-PA	-	76	2.99E-07	1	1659.894	4.91	Ovary	2L:+:30480613-30480654	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_23053	QVFVTADVDEETFKR	AGAP006360-PA	-	105	5.21E-10	1	1783.887	0.19	Head	2L:+:30480348-30480392	exon=> In CDS Exon 3 of transcript AGAP006360-PA
JHU_Ag_23179	CHLNTCPVGIATQDPVLR	AGAP006360-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	61	1.42E-05	1	2051.023	3.11	Head	2L:+:30486650-30486703	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_23977	AFSSTLSYEIAR	AGAP006360-PA	-	73	7.38E-07	2	1344.680	0.66	Ovary	2L:+:30487061-30487096	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_23993	QIDTYLMGKPSALPGPGGVIDTTR	AGAP006360-PA	M7(Oxidation)	74	3.47E-07	1	2503.300	5.44	Malpighian tubule	2L:+:30489438-30489509	exon=> In CDS Exon 11 of transcript AGAP006360-PA
JHU_Ag_24353	EAINQLLQTNNFPEFTGR	AGAP006360-PA	-	61	1.15E-05	2	2092.048	1.08	Malpighian tubule	2L:+:30488114-30488167	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_24724	ASLLDLQMLLK	AGAP006360-PA	M8(Oxidation)	45	0.000164288	2	1260.729	4.31	Ovary	2L:+:30486860-30486892	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_26519	AGGEGHINEPGAIAALQEAAVNESK	AGAP006360-PA	-	38	0.002227675	1	2433.204	1.46	Male reproductive organs	2L:+:30485593-30485667	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_27216	EVFNFPHVR	AGAP006360-PA	-	35	0.004732654	1	1144.588	-1.46	Midgut	2L:+:30487955-30487981	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_29163	FSTNTFPSWER	AGAP006360-PA	-	42	0.000536779	1	1371.628	-3.37	Midgut	2L:+:30480655-30480687	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_29317	IWLDNPILSIPDAEVLKR	AGAP006360-PA	-	69	2.54E-07	1	2092.187	3.44	Visceras	2L:+:30484855-30484908	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_29434	VAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	124	1.06E-12	2	1750.990	5.24	Larva	2L:+:30488318-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_29544	VLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	41	0.000709578	2	2086.102	2.51	Pupa	2L:+:30484936-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_29955	AFSSTLSYEIAR	AGAP006360-PA	-	89	1.88E-08	2	1344.679	-0.24	Midgut	2L:+:30487061-30487096	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_30006	DLLQEFVNETGSEVAK	AGAP006360-PA	-	40	0.001590481	2	1778.889	4.47	Ovary	2L:+:30487619-30487666	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_30008	MTLHGDANDYVGK	AGAP006360-PA	-	58	1.82E-05	1	1420.658	3.8	Malpighian tubule	2L:+:30487199-30487237	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_31037	RQVFILR	AGAP006360-PA	-	28	0.003126295	1	931.583	-0.43	Head	2L:+:30480390-30480395,30480469-30480483	exon=> In CDS Exon 3 and 4 of transcript AGAP006360-PA
JHU_Ag_33980	IWLDNPILSIPDAEVLKR	AGAP006360-PA	-	85	5.47E-09	1	2092.194	6.77	Malpighian tubule	2L:+:30484855-30484908	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_34312	NIECAIIDHAFEQGWITPQVPR	AGAP006360-PA	C4(Carbamidomethyl)	44	0.00064345	1	2594.298	6.17	Head	2L:+:30488234-30488299	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_34416	EAINQLLQTNNFPEFTGR	AGAP006360-PA	-	83	8.19E-08	1	2092.049	1.31	Midgut	2L:+:30488114-30488167	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_34490	MTLHGDANDYVGK	AGAP006360-PA	-	35	0.003403336	1	1420.655	1.74	Head	2L:+:30487199-30487237	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_34798	VLAHNGEINTLRGNVNLMK	AGAP006360-PA	M18(Oxidation)	46	0.000151494	1	2109.141	8.22	Malpighian tubule	2L:+:30480703-30480759	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_35996	SALDLRPGTNIVGGSLR	AGAP006360-PA	-	61	5.56E-06	1	1725.964	1.65	Head	2L:+:30486893-30486943	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_37886	QLFAQVTNPPIDPFR	AGAP006360-PA	-	47	0.000242867	2	1742.922	-0.55	Midgut	2L:+:30484659-30484702,30484773-30484773	exon=> In CDS Exon 7 and 8 of transcript AGAP006360-PA

JHU_Ag_38142	APISSLLALGAVHHHLIETR	AGAP006360-PA	-	149	2.32E-15	1	2135.215	3.17	Ovary	2L:+:30485080-30485139	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_38332	ILRDAQTLAIR	AGAP006360-PA	-	39	0.000354126	1	1269.767	2.3	Malpighian tubule	2L:+:30473022-30473054	exon=> In CDS Exon 2 of transcript AGAP006360-PA
JHU_Ag_38897	AGGEGHINEPGAIAALQEAAVNESK	AGAP006360-PA	-	76	3.40E-07	3	2433.203	1.01	Ovary	2L:+:30485593-30485667	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_39517	SITTFEILPIPSEK	AGAP006360-PA	-	44	0.000357245	1	1574.868	0.11	Ovary	2L:+:30488798-30488839	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_39540	ASLLDLQMLLK	AGAP006360-PA	M8(Oxidation)	66	9.92E-07	2	1244.731	2.34	Salivary gland	2L:+:30486860-30486892	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_39670	ELASHGIDLPAFGR	AGAP006360-PA	-	85	3.09E-08	1	1482.771	0.6	Head	2L:+:30473145-30473149,30480143-30480179	exon=> In CDS Exon 2 and 3 of transcript AGAP006360-PA
JHU_Ag_40484	IIMSLQCPIGPEANLLVASPSQVHR	AGAP006360-PA	C7(Carbamidomethyl)	70	6.50E-07	1	2730.448	1.88	Visceras	2L:+:30484780-30484854	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_40510	TTVGMYGTANPK	AGAP006360-PA	M5(Oxidation)	51	8.80E-05	2	1255.601	1.78	Malpighian tubule	2L:+:30489324-30489359	exon=> In CDS Exon 11 of transcript AGAP006360-PA
JHU_Ag_41208	FGVTAAYVANADDLQIKMAQGAKPGEGGELPGYK	AGAP006360-PA	M18(Oxidation)	92	6.72E-09	1	3482.743	4.83	Malpighian tubule	2L:+:30485992-30486093	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_41519	FSTNTFPSWER	AGAP006360-PA	-	53	5.59E-05	2	1371.637	3.13	Salivary gland	2L:+:30480655-30480687	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_41787	VLAHNGEINTLR	AGAP006360-PA	N5(Deamidated)	70	8.01E-07	1	1336.737	2.99	Malpighian tubule	2L:+:30480703-30480738	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_45492	VLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	69	1.27E-06	1	2086.103	2.74	Visceras	2L:+:30484936-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_46354	GACACDNDTGDGAGVCTSIPHDLYAK	AGAP006360-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C16(Carbamidomethyl)	110	3.33E-11	1	2725.134	1.75	Malpighian tubule	2L:+:30473067-30473144	exon=> In CDS Exon 2 of transcript AGAP006360-PA
JHU_Ag_46827	IWLDNPILSIPDAEVLKR	AGAP006360-PA	-	28	0.002690008	1	2092.190	4.58	Pupa	2L:+:30484855-30484908	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_47224	AFSSTLSYEIAR	AGAP006360-PA	-	77	3.22E-07	2	1344.686	4.57	Salivary gland	2L:+:30487061-30487096	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_47670	ASLLDLQMLLK	AGAP006360-PA	M8(Oxidation)	63	2.29E-06	2	1244.730	1.45	Midgut	2L:+:30486860-30486892	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_48086	VELSEVEPASEIVKR	AGAP006360-PA	-	41	0.000848079	2	1684.905	-3.77	Head	2L:+:30485761-30485805	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_49223	QIDTYLMGKPSALPGPGGVIDTTRSPIAVNA	AGAP006360-PA	M7(Oxidation)	76	1.57E-07	1	3155.651	3.38	Malpighian tubule	2L:+:30489438-30489530	exon=> In CDS Exon 11 of transcript AGAP006360-PA
JHU_Ag_50042	YIGAILDR	AGAP006360-PA	-	46	0.000248563	2	920.520	-0.16	Head	2L:+:30481130-30481153	exon=> In CDS Exon 5 of transcript AGAP006360-PA
JHU_Ag_50515	DLLQEFVNETGSEVAK	AGAP006360-PA	-	140	1.67E-13	2	1778.887	3.44	Head	2L:+:30487619-30487666	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_50804	SITTFEILPIPSEK	AGAP006360-PA	-	61	5.95E-06	1	1574.880	8.09	Malpighian tubule	2L:+:30488798-30488839	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_51476	SALDLRPGTNIVGGSLR	AGAP006360-PA	-	41	0.000538692	1	1725.965	2.46	Malpighian tubule	2L:+:30486893-30486943	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_51815	SPIAVNA	AGAP006360-PA	-	42	0.000426904	1	671.375	3.47	Malpighian tubule	2L:+:30489510-30489530	exon=> In CDS Exon 11 of transcript AGAP006360-PA
JHU_Ag_53368	SLIQDIELKSEIAK	AGAP006360-PA	-	29	0.004413505	1	1586.905	3.2	Malpighian tubule	2L:+:30482947-30482988	exon=> In CDS Exon 6 of transcript AGAP006360-PA
JHU_Ag_53939	IWLDNPILSIPDAEVLKR	AGAP006360-PA	-	45	7.73E-05	1	2092.186	2.92	Salivary gland	2L:+:30484855-30484908	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_55047	VLAHNGEINTLR	AGAP006360-PA	-	45	0.000294322	1	1336.734	0.43	Midgut	2L:+:30480703-30480738	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_55376	NIECAIIDHAFEQGWITPQVPR	AGAP006360-PA	C4(Carbamidomethyl)	36	0.00420755	1	2594.289	2.64	Malpighian tubule	2L:+:30488234-30488299	exon=> In CDS Exon 9 of transcript AGAP006360-PA

JHU_Ag_55736	SVPTNQEAVGAVAR	AGAP006360-PA	-	45	0.000329126	2	1398.738	3.35	Salivary gland	2L:+:30480285-30480326	exon=> In CDS Exon 3 of transcript AGAP006360-PA
JHU_Ag_55884	DVIVIGGGDTGCDCIATSLR	AGAP006360-PA	C12(Carbamidomethyl), C14(Carbamidomethyl)	58	2.47E-05	2	2078.990	2.48	Head	2L:+:30488726-30488785	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_55976	DLLQEFVNETGSEVAK	AGAP006360-PA	-	119	2.18E-11	1	1778.885	2.34	Malpighian tubule	2L:+:30487619-30487666	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_56143	AFSSTLSYEIAR	AGAP006360-PA	-	73	7.82E-07	2	1344.685	4.21	Malpighian tubule	2L:+:30487061-30487096	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_56844	NPDFLTYLALVHTR	AGAP006360-PA	-	65	3.81E-06	1	1659.888	1.49	Pupa	2L:+:30480613-30480654	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_57061	QVFVTADVDEETFK	AGAP006360-PA	-	65	4.87E-06	1	1627.787	1.13	Head	2L:+:30480348-30480389	exon=> In CDS Exon 3 of transcript AGAP006360-PA
JHU_Ag_57464	FGVTAAYVANADDLQIK	AGAP006360-PA	-	92	6.52E-09	1	1795.926	1.95	Ovary	2L:+:30485992-30486042	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_58153	IIMSLQCPIGPEANLLVASPSQVHR	AGAP006360-PA	M3(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	124	3.07E-12	1	2746.447	3.3	Malpighian tubule	2L:+:30484780-30484854	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_60052	AGGEGHINEPGAIAALQEAAVNESK	AGAP006360-PA	-	126	3.99E-12	1	2433.212	4.69	Malpighian tubule	2L:+:30485593-30485667	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_61567	AYATAVETGILK	AGAP006360-PA	-	38	0.001197	2	1236.684	0.33	Ovary	2L:+:30485320-30485355	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_62413	IGGVTLEVLAR	AGAP006360-PA	-	92	3.21E-09	2	1127.678	0.04	Visceras	2L:+:30485473-30485505	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_62576	KLDQVLDK	AGAP006360-PA	-	47	0.000261049	2	958.552	-4.79	Head	2L:+:30487856-30487879	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_62760	FSTNTFPSWER	AGAP006360-PA	-	45	0.000315	2	1371.638	3.57	Malpighian tubule	2L:+:30480655-30480687	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_63028	VLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	116	2.71E-11	1	2086.103	3.09	Head	2L:+:30484936-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_63637	SALDLRPGTNIVGGSLR	AGAP006360-PA	-	48	0.000102996	1	1725.963	1.08	Salivary gland	2L:+:30486893-30486943	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_63751	VELSEVEPASEIVKR	AGAP006360-PA	-	37	0.001737574	1	1684.917	2.89	Salivary gland	2L:+:30485761-30485805	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_64127	VLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	86	2.63E-08	1	2086.094	-1.47	Midgut	2L:+:30484936-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_64627	FGVTAAYVANADDLQIK	AGAP006360-PA	-	102	6.73E-10	1	1795.932	5.42	Salivary gland	2L:+:30485992-30486042	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_65117	IWLDNPILSIPDAEVLKR	AGAP006360-PA	-	65	5.97E-07	1	2092.189	4.05	Head	2L:+:30484855-30484908	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_65306	ELASHGIDLPAFGR	AGAP006360-PA	-	71	7.55E-07	1	1482.771	0.85	Salivary gland	2L:+:30473145-30473149,30480143-30480179	exon=> In CDS Exon 2 and 3 of transcript AGAP006360-PA
JHU_Ag_65437	NDRPGGLLQYGIPTMK	AGAP006360-PA	M15(Oxidation)	52	0.000100882	1	1775.915	2.39	Head	2L:+:30488405-30488452	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_66704	GVNTVQVEWTK	AGAP006360-PA	-	80	1.77E-07	2	1260.664	4.29	Malpighian tubule	2L:+:30489069-30489101	exon=> In CDS Exon 10 of transcript AGAP006360-PA
JHU_Ag_67411	APISSLLALGAVHHHLIETR	AGAP006360-PA	-	124	8.77E-13	1	2135.208	-0.15	Visceras	2L:+:30485080-30485139	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_67739	DLLQEFVNETGSEVAK	AGAP006360-PA	-	136	4.39E-13	2	1778.885	2.41	Visceras	2L:+:30487619-30487666	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_67974	FGVTAAYVANADDLQIK	AGAP006360-PA	-	120	1.19E-11	1	1795.926	2.15	Head	2L:+:30485992-30486042	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_68064	IGGVTLEVLAR	AGAP006360-PA	-	92	3.08E-09	2	1127.684	4.91	Malpighian tubule	2L:+:30485473-30485505	exon=> In CDS Exon 8 of transcript AGAP006360-PA

JHU_Ag_68804	GACACDNDTGDGAGVCTSIPHDLYAK	AGAP006360-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C16(Carbamidomethyl)	122	2.81E-12	1	2725.144	5.58	Salivary gland	2L:+:30473067-30473144	exon=> In CDS Exon 2 of transcript AGAP006360-PA
JHU_Ag_68871	HELVHGTNHADAK	AGAP006360-PA	-	76	3.38E-07	1	1428.700	1.38	Head	2L:+:30485521-30485559	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_69283	VELSEVEPASEIVK	AGAP006360-PA	-	54	5.00E-05	2	1528.816	3.85	Salivary gland	2L:+:30485761-30485802	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_69331	AQDNPWPQWPR	AGAP006360-PA	-	64	5.82E-06	1	1394.661	0.62	Head	2L:+:30488843-30488875	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_69464	NPDFLTYLALVHTR	AGAP006360-PA	-	53	5.68E-05	1	1659.890	2.82	Visceras	2L:+:30480613-30480654	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_70026	IGGVTLEVLAR	AGAP006360-PA	-	70	6.03E-07	2	1127.680	1.12	Ovary	2L:+:30485473-30485505	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_71290	VAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	157	6.94E-16	1	1750.986	3.01	Head	2L:+:30488318-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_72285	AYATAVETGILK	AGAP006360-PA	-	73	4.33E-07	2	1236.685	0.82	Salivary gland	2L:+:30485320-30485355	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_72320	QLFAQVTNPPIDPFREK	AGAP006360-PA	-	66	2.40E-06	1	2000.063	1.29	Head	2L:+:30484659-30484702,30484773-30484779	exon=> In CDS Exon 7 and 8 of transcript AGAP006360-PA
JHU_Ag_72609	YIGAILDR	AGAP006360-PA	-	40	0.001075781	2	920.522	2.43	Malpighian tubule	2L:+:30481130-30481153	exon=> In CDS Exon 5 of transcript AGAP006360-PA
JHU_Ag_72833	SALDLRPGTNIVGGSLR	AGAP006360-PA	-	50	6.71E-05	1	1725.964	1.71	Visceras	2L:+:30486893-30486943	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_73030	AYATAVETGILK	AGAP006360-PA	-	78	1.20E-07	2	1236.684	0.13	Midgut	2L:+:30485320-30485355	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_73288	EAINQLLQTNNFPEFTGR	AGAP006360-PA	-	70	1.75E-06	2	2092.047	0.5	Salivary gland	2L:+:30488114-30488167	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_73885	GIHFAMEFLQASQQK	AGAP006360-PA	M6(Oxidation)	121	1.44E-11	1	1750.863	2.86	Head	2L:+:30488639-30488683	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_74187	ILRNPGQFHWR	AGAP006360-PA	-	65	2.49E-06	1	1423.774	2.59	Malpighian tubule	2L:+:30485560-30485592	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_77074	APISSLLALGAVHHHLIETR	AGAP006360-PA	-	105	7.16E-11	1	2135.213	1.91	Salivary gland	2L:+:30485080-30485139	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_78193	SLPEAVMTMVPEAWQNDR	AGAP006360-PA	M7(Oxidation), M9(Oxidation)	63	6.80E-06	1	2105.962	-0.57	Midgut	2L:+:30480895-30480906,30480992-30481033	exon=> In CDS Exon 4 and 5 of transcript AGAP006360-PA
JHU_Ag_78414	LVSEVGVGVVASGVAK	AGAP006360-PA	-	96	1.12E-09	1	1470.855	1.41	Salivary gland	2L:+:30486247-30486294	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_78495	QAPNEMNLELDGRGNIK	AGAP006360-PA	M6(Oxidation)	38	0.002438323	1	1914.940	3.3	Malpighian tubule	2L:+:30489204-30489222,30489292-30489323	exon=> In CDS Exon 10 and 11 of transcript AGAP006360-PA
JHU_Ag_78799	IIMSLQCPIGPEANLLVASPSQVHR	AGAP006360-PA	M3(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	92	3.40E-09	1	2730.454	3.96	Ovary	2L:+:30484780-30484854	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_78803	SLIQDIELK	AGAP006360-PA	-	43	0.000516585	2	1058.612	2.93	Salivary gland	2L:+:30482947-30482973	exon=> In CDS Exon 6 of transcript AGAP006360-PA
JHU_Ag_79967	DIEESIQDGQLAK	AGAP006360-PA	-	77	2.98E-07	2	1445.714	1.14	Malpighian tubule	2L:+:30487814-30487852	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_80008	SITTFEILPIPSEK	AGAP006360-PA	-	58	1.27E-05	1	1574.869	0.73	Head	2L:+:30488798-30488839	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_80013	MAQGAKPGEGGELPGYK	AGAP006360-PA	M1(Oxidation)	44	0.000693846	2	1705.824	1.62	Head	2L:+:30486043-30486093	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_80102	GKAEHIVISGHDGGTGASSWTGIK	AGAP006360-PA	-	145	4.07E-14	1	2365.202	5.34	Malpighian tubule	2L:+:30486295-30486366	exon=> In CDS Exon 8 of transcript AGAP006360-PA

JHU_Ag_80131	SITTFEILPIPSEK	AGAP006360-PA	-	47	0.000141537	1	1574.872	2.82	Visceras	2L:+:30488798-30488839	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_80623	VCPAPCEGACVLGISEPAVTIK	AGAP006360-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C10(Carbamidomethyl)	70	1.66E-06	2	2328.143	1.44	Head	2L:+:30488168-30488233	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_80730	DIEESIQDGQLAK	AGAP006360-PA	-	84	5.71E-08	2	1445.716	2.83	Salivary gland	2L:+:30487814-30487852	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_81204	SITTFEILPIPSEK	AGAP006360-PA	-	56	1.71E-05	2	1574.879	7.16	Salivary gland	2L:+:30488798-30488839	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_81378	FSTNTFPSWER	AGAP006360-PA	-	66	2.18E-06	2	1371.631	-1.05	Head	2L:+:30480655-30480687	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_83526	DLLQEFVNETGSEVAK	AGAP006360-PA	-	92	9.71E-09	2	1778.896	8.59	Midgut	2L:+:30487619-30487666	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_83947	VGLIVETAEAR	AGAP006360-PA	-	50	0.000131385	2	1157.654	0.93	Malpighian tubule	2L:+:30485152-30485184	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_83964	IGGVTLEVLAR	AGAP006360-PA	-	83	3.05E-08	2	1127.680	1.55	Salivary gland	2L:+:30485473-30485505	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_84208	ELASHGIDLPAFGR	AGAP006360-PA	-	39	0.001351213	2	1482.772	1.51	Midgut	2L:+:30473145-30473149,30480143-30480179	exon=> In CDS Exon 2 and 3 of transcript AGAP006360-PA
JHU_Ag_84790	QLFAQVTNPPIDPFR	AGAP006360-PA	-	66	2.76E-06	2	1742.921	-0.76	Head	2L:+:30484659-30484702,30484773-30484773	exon=> In CDS Exon 7 and 8 of transcript AGAP006360-PA
JHU_Ag_84935	AGHLVTVFER	AGAP006360-PA	-	73	4.90E-07	1	1128.611	-4.7	Head	2L:+:30488375-30488404	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_87025	VLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	129	1.23E-12	1	2086.100	1.57	Malpighian tubule	2L:+:30484936-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_87121	QVFVTADVDEETFKR	AGAP006360-PA	-	74	6.63E-07	1	1783.888	0.9	Salivary gland	2L:+:30480348-30480392	exon=> In CDS Exon 3 of transcript AGAP006360-PA
JHU_Ag_87211	DECVLDPALTDDAIYR	AGAP006360-PA	C3(Carbamidomethyl)	86	3.04E-08	1	1865.861	1	Malpighian tubule	2L:+:30485272-30485319	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_87602	AYATAVETGILK	AGAP006360-PA	-	72	4.33E-07	2	1236.690	5.06	Malpighian tubule	2L:+:30485320-30485355	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_87768	WNDLVFNGNWR	AGAP006360-PA	-	58	2.37E-05	2	1420.677	0.68	Head	2L:+:30488081-30488113	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_88582	SLIQDIELK	AGAP006360-PA	-	46	0.000219493	1	1058.613	3.39	Ovary	2L:+:30482947-30482973	exon=> In CDS Exon 6 of transcript AGAP006360-PA
JHU_Ag_88649	EAGAITNGSTELAVTNGDTQLAEK	AGAP006360-PA	-	123	8.66E-12	2	2390.172	1.73	Head	2L:+:30484416-30484487	exon=> In CDS Exon 7 of transcript AGAP006360-PA
JHU_Ag_89691	VDYGHEEVR	AGAP006360-PA	-	56	1.81E-05	2	1103.506	-4.76	Head	2L:+:30488964-30488990	exon=> In CDS Exon 10 of transcript AGAP006360-PA
JHU_Ag_90071	IWLDNPILSIPDAEVLKR	AGAP006360-PA	-	69	3.82E-07	1	2092.176	-2.07	Midgut	2L:+:30484855-30484908	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_90312	VLAHNGEINTLR	AGAP006360-PA	-	75	3.33E-07	1	1336.727	-4.5	Head	2L:+:30480703-30480738	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_90609	DIEESIQDGQLAK	AGAP006360-PA	-	80	1.37E-07	2	1445.714	1.56	Midgut	2L:+:30487814-30487852	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_90813	VELSEVEPASEIVK	AGAP006360-PA	-	63	6.60E-06	2	1528.812	1.14	Malpighian tubule	2L:+:30485761-30485802	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_91550	AGGEGHINEPGAIAALQEAAVNESK	AGAP006360-PA	-	125	4.74E-12	1	2433.208	3.19	Head	2L:+:30485593-30485667	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_91584	VLDITFPANEGPPGYIGGLR	AGAP006360-PA	-	69	1.13E-06	2	2086.111	6.95	Salivary gland	2L:+:30484936-30484995	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_91787	SNTGEGGENADR	AGAP006360-PA	-	57	6.29E-06	2	1206.497	-0.6	Salivary gland	2L:+:30485893-30485928	exon=> In CDS Exon 8 of transcript AGAP006360-PA

JHU_Ag_92269	GQSLVVWAISEGR	AGAP006360-PA	-	110	1.33E-10	2	1401.748	-0.16	Head	2L:+:30489387-30489425	exon=> In CDS Exon 11 of transcript AGAP006360-PA
JHU_Ag_92281	VSQDIADTR	AGAP006360-PA	-	64	7.56E-06	2	1004.498	-2.84	Salivary gland	2L:+:30486094-30486120	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_94463	GVKMTLHGDANDYVGK	AGAP006360-PA	M4(Oxidation)	40	0.001976249	1	1720.842	5.6	Malpighian tubule	2L:+:30487190-30487237	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_95170	VELSEVEPASEIVK	AGAP006360-PA	-	86	3.15E-08	2	1528.813	1.3	Head	2L:+:30485761-30485802	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_97557	EAINQLLQTNNFPEFTGR	AGAP006360-PA	-	81	1.35E-07	1	2092.045	-0.44	Visceras	2L:+:30488114-30488167	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_97961	NPDFLTYLALVHTR	AGAP006360-PA	-	113	4.84E-11	1	1659.895	5.77	Head	2L:+:30480613-30480654	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_98480	MAQGAKPGEGGELPGYK	AGAP006360-PA	M1(Oxidation)	53	8.68E-05	1	1689.833	4.08	Malpighian tubule	2L:+:30486043-30486093	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_98992	GACACDNDTGDGAGVCTSIPHDLYAK	AGAP006360-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C16(Carbamidomethyl)	110	3.76E-11	1	2725.133	1.55	Midgut	2L:+:30473067-30473144	exon=> In CDS Exon 2 of transcript AGAP006360-PA
JHU_Ag_99457	VAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	115	1.21E-11	2	1750.982	0.64	Pupa	2L:+:30488318-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_99558	AGGEGHINEPGAIAALQEAAVNESK	AGAP006360-PA	-	80	1.37E-07	3	2433.205	1.83	Visceras	2L:+:30485593-30485667	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_100081	WNDLVFNGNWR	AGAP006360-PA	-	64	5.59E-06	2	1420.675	-0.7	Visceras	2L:+:30488081-30488113	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_100282	LVSEVGVGVVASGVAK	AGAP006360-PA	-	75	1.42E-07	2	1470.857	2.82	Malpighian tubule	2L:+:30486247-30486294	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_100680	IWLDNPILSIPDAEVLKR	AGAP006360-PA	-	64	8.65E-07	1	2092.186	2.57	Ovary	2L:+:30484855-30484908	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_100698	AGHLVTVFER	AGAP006360-PA	-	35	0.003412843	1	1128.615	-1.02	Ovary	2L:+:30488375-30488404	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_100750	RVAVVGSGPAGLAAAQQLNK	AGAP006360-PA	-	102	2.14E-10	1	1907.079	-1.49	Head	2L:+:30488315-30488374	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_101084	IIMSLQCPIGPEANLLVASPSQVHR	AGAP006360-PA	M3(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	99	1.05E-09	1	2746.443	1.83	Head	2L:+:30484780-30484854	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_101097	SALDLRPGTNIVGGSLRQDFVLEK	AGAP006360-PA	-	59	4.51E-06	1	2585.416	4.43	Malpighian tubule	2L:+:30486893-30486964	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_101124	APISSLLALGAVHHHLIETR	AGAP006360-PA	-	92	1.27E-09	1	2135.209	0.4	Head	2L:+:30485080-30485139	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_103819	IIMSLQCPIGPEANLLVASPSQVHR	AGAP006360-PA	M3(Oxidation), C7(Carbamidomethyl)	70	8.08E-07	1	2746.456	6.43	Salivary gland	2L:+:30484780-30484854	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_105835	AFSSTLSYEIAR	AGAP006360-PA	-	73	6.79E-07	2	1344.678	-1.15	Head	2L:+:30487061-30487096	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_106362	NIECAIIDHAFEQGWITPQVPR	AGAP006360-PA	C4(Carbamidomethyl)	59	2.17E-05	1	2594.303	7.86	Midgut	2L:+:30488234-30488299	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_107463	DIEESIQDGQLAK	AGAP006360-PA	-	96	3.94E-09	1	1445.715	1.9	Head	2L:+:30487814-30487852	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_108795	ASLLDLQMLLK	AGAP006360-PA	M8(Oxidation)	64	1.96E-06	1	1260.732	6.92	Malpighian tubule	2L:+:30486860-30486892	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_109982	VLAHNGEINTLR	AGAP006360-PA	-	52	5.07E-05	2	1336.734	0.34	Salivary gland	2L:+:30480703-30480738	exon=> In CDS Exon 4 of transcript AGAP006360-PA
JHU_Ag_110102	CHLNTCPVGIATQDPVLR	AGAP006360-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	55	5.17E-05	1	2051.023	3.29	Malpighian tubule	2L:+:30486650-30486703	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_110730	NDRPGGLLQYGIPTMK	AGAP006360-PA	-	33	0.005710406	1	1759.917	0.38	Malpighian tubule	2L:+:30488405-30488452	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_110834	FGVTAAYVANADDLQIK	AGAP006360-PA	-	101	7.78E-10	2	1795.934	6.5	Malpighian tubule	2L:+:30485992-30486042	exon=> In CDS Exon 8 of transcript AGAP006360-PA

JHU_Ag_113319	IWLDNPILSIPDAEVLK	AGAP006360-PA	-	36	0.000846211	2	1936.089	5.2	Salivary gland	2L:+:30484855-30484905	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_113609	GQSLVVWAISEGR	AGAP006360-PA	-	116	3.76E-11	2	1401.748	-0.42	Midgut	2L:+:30489387-30489425	exon=> In CDS Exon 11 of transcript AGAP006360-PA
JHU_Ag_113850	AYATAVETGILK	AGAP006360-PA	-	91	6.94E-09	1	1236.684	0.23	Head	2L:+:30485320-30485355	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_113884	AGGEGHINEPGAIAALQEAAVNESK	AGAP006360-PA	-	122	9.66E-12	1	2433.214	5.67	Salivary gland	2L:+:30485593-30485667	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_114039	AYATAVETGILK	AGAP006360-PA	-	46	0.000194661	2	1236.684	0.13	Male reproductive organs	2L:+:30485320-30485355	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_115688	GVNTVQVEWTK	AGAP006360-PA	-	47	0.000397251	2	1260.660	1	Midgut	2L:+:30489069-30489101	exon=> In CDS Exon 10 of transcript AGAP006360-PA
JHU_Ag_116256	GQSLVVWAISEGR	AGAP006360-PA	-	89	1.47E-08	2	1401.755	4.54	Malpighian tubule	2L:+:30489387-30489425	exon=> In CDS Exon 11 of transcript AGAP006360-PA
JHU_Ag_116439	DECVLDPALTDDAIYR	AGAP006360-PA	C3(Carbamidomethyl)	95	4.18E-09	1	1865.864	2.77	Head	2L:+:30485272-30485319	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_117544	VELSEVEPASEIVK	AGAP006360-PA	-	37	0.002598166	2	1528.814	2.34	Visceras	2L:+:30485761-30485802	exon=> In CDS Exon 8 of transcript AGAP006360-PA
JHU_Ag_117651	SITTFEILPIPSEKR	AGAP006360-PA	-	78	6.51E-08	1	1730.978	5.43	Malpighian tubule	2L:+:30488798-30488842	exon=> In CDS Exon 9 of transcript AGAP006360-PA
JHU_Ag_106724	NQQATENALLNIFQK	AGAP006364-PA,AGAP006364-PB	-	42	0.000834732	2	1731.909	3.96	Malpighian tubule	2L:+:30508160-30508204;2L:+:30508160-30508204	exon=> In CDS Exon 2 of transcript AGAP006364-PA;exon=> In CDS Exon 2 of transcript AGAP006364-PB
JHU_Ag_3583	AIAVVPQDSVLFHDTIR	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	47	0.000146772	2	1881.014	-4.52	Malpighian tubule	2L:+:30511436-30511486;2L:+:30511436-30511486	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_35074	VLISLGLLGGAK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	72	8.16E-08	2	1140.733	-1.7	Pupa	2L:+:30510106-30510141;2L:+:30510106-30510141	exon=> In CDS Exon 4 of transcript AGAP006364-PA;exon=> In CDS Exon 4 of transcript AGAP006364-PB;exon=> In CDS Exon 2 of transcript AGAP006364-PC
JHU_Ag_37398	FFEPSTGQILINGQNIR	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	Q8(Deamidated)	89	1.40E-08	1	1935.005	4.09	Visceras	2L:+:30511358-30511408;2L:+:30511358-30511408	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_48302	AIAVVPQDSVLFHDTIR	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	71	6.42E-07	1	1881.027	2.23	Head	2L:+:30511436-30511486;2L:+:30511436-30511486	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_57568	KPTKPEGEEK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	33	0.006476285	2	1142.603	-1.58	Head	2L:+:30512017-30512046;2L:+:30512017-30512046	exon=> In CDS Exon 7 of transcript AGAP006364-PA;exon=> In CDS Exon 7 of transcript AGAP006364-PB;exon=> In CDS Exon 5 of transcript AGAP006364-PC
JHU_Ag_60555	AVDSLINYETVK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	55	4.11E-05	2	1351.711	0.33	Midgut	2L:+:30510794-30510829;2L:+:30510794-30510829	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC

JHU_Ag_66306	AIAVVPQDSVLFHDTIR	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	32	0.004702436	1	1881.027	1.89	Visceras	2L:+:30511436-30511486;2L:+:30511436-30511486;2L:+:30511436-30511486	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_67503	AIAVVPQDSVLFHDTIR	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	36	0.001776753	1	1881.020	-1.32	Midgut	2L:+:30511436-30511486;2L:+:30511436-30511486;2L:+:30511436-30511486	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_69797	VLNVCVPFLFK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	C5(Carbamidomethyl)	48	9.41E-05	2	1335.755	3.86	Malpighian tubule	2L:+:30510142-30510174;2L:+:30510142-30510174;2L:+:30510142-30510174	exon=> In CDS Exon 4 of transcript AGAP006364-PA;exon=> In CDS Exon 4 of transcript AGAP006364-PB;exon=> In CDS Exon 2 of transcript AGAP006364-PC
JHU_Ag_77463	VLNVCVPFLFK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	C5(Carbamidomethyl)	40	0.000490422	2	1335.754	3.5	Visceras	2L:+:30510142-30510174;2L:+:30510142-30510174;2L:+:30510142-30510174	exon=> In CDS Exon 4 of transcript AGAP006364-PA;exon=> In CDS Exon 4 of transcript AGAP006364-PB;exon=> In CDS Exon 2 of transcript AGAP006364-PC
JHU_Ag_77711	VLNVCVPFLFK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	C5(Carbamidomethyl)	50	4.95E-05	1	1335.756	4.68	Ovary	2L:+:30510142-30510174;2L:+:30510142-30510174;2L:+:30510142-30510174	exon=> In CDS Exon 4 of transcript AGAP006364-PA;exon=> In CDS Exon 4 of transcript AGAP006364-PB;exon=> In CDS Exon 2 of transcript AGAP006364-PC
JHU_Ag_99209	AVDSLINYETVK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	60	1.15E-05	2	1351.712	1.05	Visceras	2L:+:30510794-30510829;2L:+:30510794-30510829;2L:+:30510794-30510829	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_99826	VLISLGLLGGAK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	55	4.11E-06	2	1140.737	2.05	Malpighian tubule	2L:+:30510106-30510141;2L:+:30510106-30510141;2L:+:30510106-30510141	exon=> In CDS Exon 4 of transcript AGAP006364-PA;exon=> In CDS Exon 4 of transcript AGAP006364-PB;exon=> In CDS Exon 2 of transcript AGAP006364-PC
JHU_Ag_107018	VLNVCVPFLFK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	C5(Carbamidomethyl)	43	0.000278223	2	1335.752	1.76	Midgut	2L:+:30510142-30510174;2L:+:30510142-30510174;2L:+:30510142-30510174	exon=> In CDS Exon 4 of transcript AGAP006364-PA;exon=> In CDS Exon 4 of transcript AGAP006364-PB;exon=> In CDS Exon 2 of transcript AGAP006364-PC
JHU_Ag_107772	AGAAGFNELR	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	35	0.004969461	1	1005.512	0.3	Ovary	2L:+:30510333-30510362;2L:+:30510333-30510362;2L:+:30510333-30510362	exon=> In CDS Exon 5 of transcript AGAP006364-PA;exon=> In CDS Exon 5 of transcript AGAP006364-PB;exon=> In CDS Exon 3 of transcript AGAP006364-PC
JHU_Ag_112027	AVDSLINYETVK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	51	0.000105087	2	1351.712	0.87	Ovary	2L:+:30510794-30510829;2L:+:30510794-30510829;2L:+:30510794-30510829	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_112792	FFEPSTGQILINGQNIR	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	Q8(Deamidated)	47	0.000243325	1	1935.003	3.14	Ovary	2L:+:30511358-30511408;2L:+:30511358-30511408;2L:+:30511358-30511408	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC

JHU_Ag_115623	YFNNEQYEANRYDQVLK	AGAP006364-PA,AGAP006364-PB,AGAP006364-PC	-	46	0.000350178	1	2194.028	3.44	Midgut	2L:+:30510830-30510880;2L:+:30510830-30510880;2L:+:30510830-30510880	exon=> In CDS Exon 6 of transcript AGAP006364-PA;exon=> In CDS Exon 6 of transcript AGAP006364-PB;exon=> In CDS Exon 4 of transcript AGAP006364-PC
JHU_Ag_18600	GFGNESIPR	AGAP006365-PA	-	53	8.15E-05	1	976.484	-1.12	Ovary	2L:+:30512733-30512759	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_33705	LQDDEEEAEPGPQR	AGAP006365-PA	-	77	1.74E-07	2	1612.710	1.01	Malpighian tubule	2L:+:30512781-30512822	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_43640	FCEFGDIK	AGAP006365-PA	C2(Carbamidomethyl)	36	0.001383577	1	1015.454	-1.35	Ovary	2L:+:30512895-30512918	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_75746	GFGNESIPR	AGAP006365-PA	-	46	0.000383607	2	976.485	0.63	Malpighian tubule	2L:+:30512733-30512759	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_89676	GYALVEYETYK	AGAP006365-PA	-	75	5.67E-07	1	1335.645	-1.06	Ovary	2L:+:30512961-30512993	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_89775	GYALVEYETYK	AGAP006365-PA	-	54	5.71E-05	1	1335.643	-3.07	Midgut	2L:+:30512961-30512993	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_90326	NIHLNLDR	AGAP006365-PA	-	39	0.000983301	1	994.544	0.74	Ovary	2L:+:30512919-30512942	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_98239	LQDDEEEAEPGPQR	AGAP006365-PA	-	84	3.57E-08	1	1612.712	2	Ovary	2L:+:30512781-30512822	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_103587	NIHLNLDR	AGAP006365-PA	-	34	0.003344777	1	994.539	-3.86	Head	2L:+:30512919-30512942	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_114394	LQDDEEEAEPGPQR	AGAP006365-PA	-	97	1.83E-09	2	1612.714	3.28	Head	2L:+:30512781-30512822	exon=> In CDS Exon 1 of transcript AGAP006365-PA
JHU_Ag_14779	DFSAQEEK	AGAP006366-PA	-	55	1.85E-05	1	953.428	7	Malpighian tubule	2L:-:30520888-30521035,30518179-30518298	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PA
JHU_Ag_16162	TSQGFNIPQGTFNSPTSGSAASK	AGAP006366-PA	-	69	1.71E-06	2	2284.083	-0.57	Ovary	2L:-:30518282-30518214	exon=> In CDS Exon 9 of transcript AGAP006366-PA
JHU_Ag_42639	TSQGFNIPQGTFNSPTSGSAASK	AGAP006366-PA	-	78	2.17E-07	2	2284.091	3.17	Visceras	2L:-:30518282-30518214	exon=> In CDS Exon 9 of transcript AGAP006366-PA
JHU_Ag_44181	ISSRPLSYVGRPCGASTATGSK	AGAP006366-PA	C13(Carbamidomethyl)	69	1.62E-06	1	2252.147	0.6	Salivary gland	2L:-:30518198-30518313,30516503-30516557	exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PA
JHU_Ag_53041	TSQGFNIPQGTFNSPTSGSAASK	AGAP006366-PA	-	121	1.13E-11	1	2284.090	2.63	Salivary gland	2L:-:30518282-30518214	exon=> In CDS Exon 9 of transcript AGAP006366-PA
JHU_Ag_55186	TSQGFNIPQGTFNSPTSGSAASKGR	AGAP006366-PA	-	55	5.40E-05	1	2497.216	3.86	Malpighian tubule	2L:-:30518282-30518208	exon=> In CDS Exon 9 of transcript AGAP006366-PA
JHU_Ag_56709	FDTAINSTRDFSAQEEK	AGAP006366-PA	-	74	4.72E-07	1	1958.916	3.42	Malpighian tubule	2L:-:30520915-30521035,30518179-30518298	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PA
JHU_Ag_69749	VRISSRPLSYVGRPCGASTATGSK	AGAP006366-PA	C15(Carbamidomethyl)	72	5.12E-07	1	2507.322	2.73	Malpighian tubule	2L:-:30518204-30518313,30516503-30516557	exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PA
JHU_Ag_71775	DFSAQEEKLVQQK	AGAP006366-PA	-	104	6.62E-10	1	1549.792	3.76	Malpighian tubule	2L:-:30520888-30521035,30518179-30518283	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PA
JHU_Ag_73309	TSQGFNIPQGTFNSPTSGSAASK	AGAP006366-PA	-	110	1.27E-10	1	2284.086	1.03	Malpighian tubule	2L:-:30518282-30518214	exon=> In CDS Exon 9 of transcript AGAP006366-PA
JHU_Ag_76951	TSQGFNIPQGTFNSPTSGSAASK	AGAP006366-PA	-	77	2.61E-07	1	2284.089	1.99	Head	2L:-:30518282-30518214	exon=> In CDS Exon 9 of transcript AGAP006366-PA
JHU_Ag_114741	ISSRPLSYVGRPCGASTATGSK	AGAP006366-PA	C13(Carbamidomethyl)	94	6.26E-09	1	2252.149	1.85	Malpighian tubule	2L:-:30518198-30518313,30516503-30516557	exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PA

JHU_Ag_115911	ISSRPLSYVGRPCGASTATGSK	AGAP006366-PA	C13(Carbamidomethyl)	68	2.42E-06	1	2252.149	1.85	Head	2L:-:30518198-30518313,30516503-30516557	exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PA
JHU_Ag_26483	ILECVSNEDR	AGAP006366-PB	C4(Carbamidomethyl)	55	3.59E-05	1	1234.575	1.19	Head	2L:-:30524784-30524755	exon=> In CDS Exon 5 of transcript AGAP006366-PB
JHU_Ag_42474	ILECVSNEDR	AGAP006366-PB	C4(Carbamidomethyl)	63	6.75E-06	1	1234.573	-0.19	Visceras	2L:-:30524784-30524755	exon=> In CDS Exon 5 of transcript AGAP006366-PB
JHU_Ag_5458	SYMNFEEADMER	AGAP006366-PC	M3(Oxidation), M10(Oxidation),M10(Oxidation)	68	1.45E-07	1	1553.589	0.12	Salivary gland	2L:-:30527097-30527199,30523039-30523510	exon=> In CDS Exon 5 and 4 of transcript AGAP006366-PC
JHU_Ag_27185	SYMNFEEADMER	AGAP006366-PC	M3(Oxidation), M10(Oxidation),M10(Oxidation),M3(Oxidation)	86	2.39E-09	1	1553.592	2.08	Malpighian tubule	2L:-:30527097-30527199,30523039-30523510	exon=> In CDS Exon 5 and 4 of transcript AGAP006366-PC
JHU_Ag_30677	GHLVADIDPLGILNAEINPER	AGAP006366-PC	-	88	9.01E-09	2	2256.208	4.18	Visceras	2L:-:30527193-30527131	exon=> In CDS Exon 4 of transcript AGAP006366-PC
JHU_Ag_43138	SYQSRGHLVADIDPLGILNAEINPER	AGAP006366-PC	-	103	3.44E-10	3	2877.502	5.7	Malpighian tubule	2L:-:30528213-30528408,30527082-30527131	exon=> In CDS Exon 4 and 3 of transcript AGAP006366-PC
JHU_Ag_60276	SYMNFEEADMER	AGAP006366-PC	M3(Oxidation), M10(Oxidation),M10(Oxidation)	80	9.58E-09	1	1553.589	0.28	Head	2L:-:30527097-30527199,30523039-30523510	exon=> In CDS Exon 5 and 4 of transcript AGAP006366-PC
JHU_Ag_62768	GHLVADIDPLGILNAEINPER	AGAP006366-PC	-	177	1.50E-17	1	2256.202	1.69	Head	2L:-:30527193-30527131	exon=> In CDS Exon 4 of transcript AGAP006366-PC
JHU_Ag_66428	SYMNFEEADMER	AGAP006366-PC	M3(Oxidation), M10(Oxidation),M10(Oxidation)	82	5.17E-09	2	1553.588	-0.12	Midgut	2L:-:30527097-30527199,30523039-30523510	exon=> In CDS Exon 5 and 4 of transcript AGAP006366-PC
JHU_Ag_69818	GHLVADIDPLGILNAEINPER	AGAP006366-PC	-	101	6.23E-10	1	2256.203	1.98	Ovary	2L:-:30527193-30527131	exon=> In CDS Exon 4 of transcript AGAP006366-PC
JHU_Ag_79605	GHLVADIDPLGILNAEINPER	AGAP006366-PC	-	78	9.05E-08	1	2256.213	6.6	Midgut	2L:-:30527193-30527131	exon=> In CDS Exon 4 of transcript AGAP006366-PC
JHU_Ag_83335	GHLVADIDPLGILNAEINPERANLR	AGAP006366-PC	-	80	3.45E-08	1	2710.483	6.99	Malpighian tubule	2L:-:30527193-30527119	exon=> In CDS Exon 4 of transcript AGAP006366-PC
JHU_Ag_89795	GHLVADIDPLGILNAEINPER	AGAP006366-PC	-	149	7.30E-15	1	2256.209	4.5	Malpighian tubule	2L:-:30527193-30527131	exon=> In CDS Exon 4 of transcript AGAP006366-PC
JHU_Ag_90631	SYMNFEEADMER	AGAP006366-PC	M10(Oxidation),M3(Oxidation)	57	1.79E-06	2	1537.594	0.63	Ovary	2L:-:30527097-30527199,30523039-30523510	exon=> In CDS Exon 5 and 4 of transcript AGAP006366-PC
JHU_Ag_107037	GHLVADIDPLGILNAEINPER	AGAP006366-PC	-	92	5.05E-09	1	2256.202	1.57	Salivary gland	2L:-:30527193-30527131	exon=> In CDS Exon 4 of transcript AGAP006366-PC
JHU_Ag_14767	TPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	68	2.03E-06	2	1325.673	-0.82	Visceras	2L:-:30525572-30525540;2L:-:30525572-30525540;2L:-:30525572-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_48922	LDPLGINSADLDDKTPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	107	2.28E-10	1	2792.417	6.31	Male reproductive organs	2L:-:30525614-30525540;2L:-:30525614-30525540;2L:-:30525614-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB

JHU_Ag_54783	LDPLGINSADLDDKTPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	72	9.09E-07	3	2792.398	-0.19	Ovary	2L:-:30525614-30525540;2L:-:30525614-30525540;2L:-:30525614-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_66767	LDPLGINSADLDDK	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	79	1.80E-07	2	1485.745	0.9	Visceras	2L:-:30525614-30525573;2L:-:30525614-30525573;2L:-:30525614-30525573	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_68355	LDPLGINSADLDDKTPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	47	0.0002348	1	2792.416	6.11	Malpighian tubule	2L:-:30525614-30525540;2L:-:30525614-30525540;2L:-:30525614-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_81589	LDPLGINSADLDDKTPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	193	5.92E-19	1	2792.410	3.88	Head	2L:-:30525614-30525540;2L:-:30525614-30525540;2L:-:30525614-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_87247	LDPLGINSADLDDKTPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	N7(Deamidated)	182	8.03E-18	1	2792.407	2.76	Visceras	2L:-:30525614-30525540;2L:-:30525614-30525540;2L:-:30525614-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_91737	LDPLGINSADLDDKTPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	157	2.57E-15	1	2792.407	2.83	Pupa	2L:-:30525614-30525540;2L:-:30525614-30525540;2L:-:30525614-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_101475	TPPELLYSSYR	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	77	2.68E-07	1	1325.675	1.3	Head	2L:-:30525572-30525540;2L:-:30525572-30525540;2L:-:30525572-30525540	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_107719	LDPLGINSADLDDK	AGAP006366-PE,AGAP006366-PA,AGAP006366-PB	-	135	4.54E-13	1	1485.746	1.89	Head	2L:-:30525614-30525573;2L:-:30525614-30525573;2L:-:30525614-30525573	exon=> In CDS Exon 4 of transcript AGAP006366-PE;exon=> In CDS Exon 4 of transcript AGAP006366-PA;exon=> In CDS Exon 4 of transcript AGAP006366-PB
JHU_Ag_1947	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	89	8.36E-09	1	1778.976	0.27	Ovary	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB

JHU_Ag_1956	FDTAINSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	60	1.16E-05	2	1024.502	-4.23	Salivary gland	2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_3055	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	72	5.51E-07	1	1054.557	0.56	Salivary gland	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_3447	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	41	0.000567967	2	1622.881	3.63	Larva	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_3741	SNFSEMTDGTEFK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	81	3.86E-08	1	1492.626	-0.39	Salivary gland	2L:-:30521382-30521344;2L:-:30521382-30521344;2L:-:30521382-30521344;2L:-:30521382-30521344	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_3799	FDTAINSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	69	1.69E-06	2	1024.504	-1.37	Visceras	2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_3958	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	97	1.72E-09	1	1622.878	1.9	Salivary gland	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_4041	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	138	1.05E-13	1	1804.996	2.14	Head	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_4105	YHLGTYIER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	48	0.000206192	1	1151.588	2.86	Visceras	2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_4444	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	56	1.23E-06	2	1008.682	0	Male reproductive organs	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_4904	NNSYAAPPSLAPVPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	80	1.11E-07	1	1525.802	0.7	Salivary gland	2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_5706	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	139	5.53E-14	1	2659.424	1.77	Visceras	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_6422	IEQISPFPYDLVKAECAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C16(Carbamidomethyl)	35	0.003713517	1	2108.083	4.66	Malpighian tubule	2L:-:30521118-30521254,30520881-30520991;2L:-:30521118-30521254,30520881-30520991;2L:-:30521118-30521254,30520881-30520991;2L:-:30521118-30521254,30520881-30520991	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_7458	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	95	3.19E-09	1	1548.835	2.59	Head	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB

JHU_Ag_7473	SLLRHPECR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	53	5.59E-05	1	1167.609	3.25	Malpighian tubule	2L:-:30521409-30521383;2L:-:30521409-30521383;2L:-:30521409-30521383	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_8103	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	93	4.00E-09	1	1622.877	1.07	Ovary	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_9266	FGLEGCEIMIPAMK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C6(Carbamidomethyl)	57	3.18E-05	2	1595.767	2.21	Visceras	2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_9295	LNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	45	0.000431198	2	1058.577	-0.36	Midgut	2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_9692	YPNAELVWAQEEHKNQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C18(Carbamidomethyl)	125	4.88E-12	1	3103.451	1.05	Ovary	2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_9816	YPNAELVWAQEEHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	6.34E-05	1	1713.827	1.95	Salivary gland	2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_9960	TIDWALAEAMAFGSLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation)	132	8.65E-13	1	1852.956	2.2	Malpighian tubule	2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_10209	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	55	2.11E-05	3	1167.648	0.06	Male reproductive organs	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_10547	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	47	0.000161915	1	1020.575	2.3	Male reproductive organs	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_10607	RNGHNEIDEPMFTQPLMYK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N5(Deamidated), M11(Oxidation), M17(Oxidation),"N2(Deamidated), M11(Oxidation), M17(Oxidation)"	73	5.76E-07	1	2353.072	5.46	Larva	2L:-:30522456-30522400;2L:-:30522456-30522400;2L:-:30522456-30522400;2L:-:30522456-30522400	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_10671	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation),"M8(Oxidation), M10(Oxidation)",M8(Oxidation)	89	1.54E-08	1	1439.752	1.53	Malpighian tubule	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_11143	NGHNEIDEPMFTQPLMYKK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M16(Oxidation),M10(Oxidation),"N4(Deamidated), M10(Oxidation), M16(Oxidation)","N1(Deamidated), M10(Oxidation), M16(Oxidation)","M10(Oxidation), M16(Oxidation)"	80	1.32E-07	1	2308.081	3.07	Malpighian tubule	2L:-:30522453-30522397;2L:-:30522453-30522397;2L:-:30522453-30522397;2L:-:30522453-30522397	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_11404	FLQMCSDDPDYFPPESEEFAIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M4(Oxidation), C5(Carbamidomethyl)	49	6.60E-05	1	2709.151	0.81	Malpighian tubule	2L:-:30521595-30521530;2L:-:30521595-30521530;2L:-:30521595-30521530;2L:-:30521595-30521530	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_12887	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	53	3.29E-05	1	1167.648	-0.34	Midgut	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_13857	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	98	9.79E-10	1	1804.998	3.29	Salivary gland	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_13936	DVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	69	8.30E-07	2	1192.662	3.59	Salivary gland	2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_15044	SSPYCTDVAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	37	0.001302632	2	1155.507	-2.32	Head	2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_15170	NGHNEIDEPMFTQPLMYK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N4(Deamidated),M10(Oxidation),"N1(Deamidated),M16(Oxidation)","N4(Deamidated),M16(Oxidation)",N1(Deamidated),"N1(Deamidated),M10(Oxidation)",N4(Deamidated),"M10(Oxidation),M16(Oxidation)",M16(Oxidation),M10(Oxidation),"N4(Deamidated),M10(Oxidation),M16(Oxidation)","N1(Deamidated),M10(Oxidation),M16(Oxidation)"	118	1.85E-11	1	2179.981	0.9	Head	2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_15317	NQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	70	1.30E-06	1	1408.644	0.91	Visceras	2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_15461	QLHDINWIVANCSTPGNYFHLLR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C12(Carbamidomethyl)	124	4.85E-12	1	2768.390	6.28	Midgut	2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_15565	LNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	76	3.73E-07	2	1058.576	-1.51	Head	2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_15996	FETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	55	2.84E-05	2	1732.769	-2.48	Midgut	2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_16389	DVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	69	1.07E-06	1	1192.659	1.14	Malpighian tubule	2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_16533	FDTAINSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	61	9.39E-06	2	1024.506	-0.17	Head	2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_17129	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	83	5.40E-08	1	1224.557	0.59	Visceras	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_17545	YPNAELVWAQEEHKNQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C18(Carbamidomethyl)	158	2.25E-15	1	3103.454	2.01	Malpighian tubule	2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_17566	DPASVHASWDAYFR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	98	1.85E-09	1	1621.740	0.59	Head	2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388	exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PB
JHU_Ag_17612	NHVPAAQYLGSSLPAVAGAGAAVGGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	104	3.45E-10	1	2391.259	2.74	Male reproductive organs	2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_17661	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	42	0.000631585	2	1020.573	0.02	Ovary	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_18403	ATFHKDVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	2.53E-05	1	1776.968	2.18	Malpighian tubule	2L:-:30522501-30522457;2L:-:30522501-30522457;2L:-:30522501-30522457;2L:-:30522501-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_18486	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	60	1.06E-05	2	1224.557	-0.01	Salivary gland	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_18989	FETPNIMTYTNEEKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	69	1.72E-06	1	1888.869	-2.81	Midgut	2L:-:30523350-30523306;2L:-:30523350-30523306;2L:-:30523350-30523306	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_19534	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	123	3.51E-12	1	1804.995	1.74	Malpighian tubule	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_19634	NGHNEIDEPMFTQPLMYK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation), M16(Oxidation)	68	1.37E-06	1	2195.973	-0.46	Midgut	2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_19726	RVIFCTGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	41	0.000947128	1	1008.543	2.14	Malpighian tubule	2L:-:30521208-30521185;2L:-:30521208-30521185;2L:-:30521208-30521185	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_20615	TIDWALAEAMAFGSLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation)	99	1.36E-09	2	1836.962	3.02	Visceras	2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_20710	LNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	53	6.66E-05	2	1058.577	-0.13	Ovary	2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_21569	FETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	90	1.00E-08	1	1732.773	-0.08	Head	2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_21720	VFKLPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	41	0.000209603	2	1394.806	1.11	Ovary	2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_21763	VVNAPIFHVNGDDPEAVMHVCK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C21(Carbamidomethyl)	101	1.24E-09	1	2448.184	1.71	Salivary gland	2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_21864	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	61	1.07E-05	1	1640.846	1.63	Male reproductive organs	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_21885	RLILAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	30	0.001208318	1	741.511	2.19	Malpighian tubule	2L:-:30523308-30523291;2L:-:30523308-30523291;2L:-:30523308-30523291;2L:-:30523308-30523291	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_22015	YKDWIDSPWSGFFEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	77	2.77E-07	1	1961.916	4.5	Larva	2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_22264	LSGQDVER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	45	0.000449912	1	903.449	-4.49	Visceras	2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_23202	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	158	2.07E-15	1	2544.279	2.33	Head	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB
JHU_Ag_23491	EVIDVSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	53	8.94E-05	1	918.491	2.2	Head	2L:-:30523188-30523165;2L:-:30523188-30523165;2L:-:30523188-30523165;2L:-:30523188-30523165	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_23501	TIDWALAEAMAFGSLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation)	38	0.002265191	1	1852.953	0.62	Midgut	2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_24049	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	138	1.18E-13	1	1804.992	0.45	Visceras	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_24945	VYYDLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	40	0.000700335	1	913.505	1.75	Salivary gland	2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_25181	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	1.97E-06	2	1008.682	-0.13	Midgut	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_25530	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	90	7.18E-09	1	1167.650	1.27	Salivary gland	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_25949	NGHNEIDEPMFTQPLMYK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N4(Deamidated), M10(Oxidation), M16(Oxidation)	36	0.002043051	3	2196.961	1.7	Ovary	2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_26133	FETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	83	5.04E-08	1	1732.777	2.17	Visceras	2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_26825	IETHIK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	36	0.000672935	2	740.430	-0.55	Head	2L:-:30522261-30522244;2L:-:30522261-30522244;2L:-:30522261-30522244;2L:-:30522261-30522244	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_26906	QSGLVMLLPHGMEGMGPEHSSARVER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation), M12(Oxidation), M15(Oxidation),"M12(Oxidation), M15(Oxidation)"	39	0.002191597	1	2853.359	5.02	Malpighian tubule	2L:-:30521673-30521596;2L:-:30521673-30521596;2L:-:30521673-30521596;2L:-:30521673-30521596	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_26996	LSGQDVER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	61	1.28E-05	2	903.456	2.74	Malpighian tubule	2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_27494	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	144	2.64E-14	1	2043.125	0.56	Pupa	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_27721	LGVESIIMGMPHRGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M8(Oxidation),"M8(Oxidation), M10(Oxidation)",M10(Oxidation)	42	0.000716423	1	1684.869	3.96	Malpighian tubule	2L:-:30523164-30523120;2L:-:30523164-30523120;2L:-:30523164-30523120;2L:-:30523164-30523120	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_28651	LSGQDVER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	52	0.000111506	2	903.453	-0.03	Midgut	2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_28660	IRGTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	53	1.48E-05	1	2928.598	-2.1	Male reproductive organs	2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_29354	IRGTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	153	1.12E-15	1	2928.618	4.57	Head	2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_29510	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	160	5.85E-16	1	2043.131	3.72	Malpighian tubule	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_29764	LSGQDVERGTFSHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	6.55E-05	1	1588.789	3.79	Malpighian tubule	2L:-:30521970-30521929;2L:-:30521970-30521929;2L:-:30521970-30521929;2L:-:30521970-30521929	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_29869	NGHNEIDEPMFTQPLMYK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M16(Oxidation),"M10(Oxidation), M16(Oxidation)"	102	5.92E-10	1	2195.982	3.79	Malpighian tubule	2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_30267	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	76	2.44E-07	1	1054.556	-1.18	Pupa	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_31360	SNFSEMTDGTEFKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	86	1.76E-08	1	1664.724	1.14	Midgut	2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_31627	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q18(Deamidated)	163	2.65E-16	1	2043.122	-0.52	Head	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_31755	SNFSEMTDGTEFKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	93	3.98E-09	1	1648.730	1.54	Visceras	2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_32007	TRAEQFYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q5(Deamidated)	40	0.001137471	1	1070.538	-0.26	Head	2L:-:30522822-30522799;2L:-:30522822-30522799;2L:-:30522822-30522799	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_32133	VYYDLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	42	0.000438792	1	913.504	0.95	Malpighian tubule	2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB

JHU_Ag_32921	FETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	44	0.000415321	2	1732.774	0.27	Ovary	2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_33198	SNFSEMTDGTEFKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	47	0.000115716	1	1664.723	0.58	Pupa	2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_33337	YKDWIDSPWSGFFEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	81	1.13E-07	1	1961.911	2.07	Malpighian tubule	2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_34658	IRGTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	156	6.30E-16	1	2928.618	4.63	Malpighian tubule	2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_34888	LDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	53	4.82E-05	1	1039.556	3.19	Visceras	2L:-:30521145-30521119;2L:-:30521145-30521119;2L:-:30521145-30521119;2L:-:30521145-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_35776	RLILAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	30	0.001331 01	1	741.512	2.85	Salivary gland	2L:-:30523308-30523291;2L:-:30523308-30523291;2L:-:30523308-30523291;2L:-:30523308-30523291	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_36012	FDTAINSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	58	1.99E-05	2	1024.505	-0.41	Male reproductive organs	2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_36483	DKYEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	33	0.004183302	1	682.342	2.57	Head	2L:-:30522306-30522292;2L:-:30522306-30522292;2L:-:30522306-30522292;2L:-:30522306-30522292	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_37041	VVNAPIFHVNGDDPEAVMHVCK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M18(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	113	7.27E-11	1	2464.179	1.59	Visceras	2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_37195	YPNAELVWAQEEHKNQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C18(Carbamidomethyl)	174	5.40E-17	1	3103.452	1.17	Visceras	2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_37624	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	1.70E-06	1	1008.679	-2.12	Pupa	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_37807	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	43	0.000694144	2	1640.840	-1.94	Pupa	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_37976	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	56	2.94E-05	2	1224.558	0.89	Larva	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_38448	DPASVHASWDAYFR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	99	1.33E-09	1	1621.741	1.2	Malpighian tubule	2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388	exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PB
JHU_Ag_38757	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	116	3.65E-11	1	2544.276	0.99	Salivary gland	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB
JHU_Ag_39338	LIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	64	1.03E-06	1	1476.856	2.12	Visceras	2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_40217	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	45	0.000305832	2	1020.571	-1.59	Pupa	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_40409	NHVPAAQYLGSSLPAVAGAGAAVGGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	137	1.67E-13	1	2391.253	0.13	Salivary gland	2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_41233	IDDKLIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	78	4.20E-08	1	1948.092	3.12	Male reproductive organs	2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB

JHU_Ag_42614	FGLEGCEIMIPAMK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C6(Carbamidomethyl), M9(Oxidation), M13(Oxidation)	45	0.000431425	2	1627.756	1.81	Male reproductive organs	2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_42738	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation),"M8(Oxidation), M10(Oxidation)"	103	5.62E-10	1	1439.753	1.92	Ovary	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_42887	EVIDVSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	46	0.000400977	1	918.493	4.12	Malpighian tubule	2L:-:30523188-30523165;2L:-:30523188-30523165;2L:-:30523188-30523165;2L:-:30523188-30523165	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_43505	ERFETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M9(Oxidation)	48	0.00020556	1	2017.924	3.2	Malpighian tubule	2L:-:30523356-30523309;2L:-:30523356-30523309;2L:-:30523356-30523309;2L:-:30523356-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_44203	FETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	84	3.91E-08	1	1732.780	3.65	Male reproductive organs	2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_44446	VVNAPIFHVNGDDPEAVMHVCK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N10(Deamidated), M18(Oxidation), C21(Carbamidomethyl)," M18(Oxidation), C21(Carbamidomethyl)"," N10(Deamidated), C21(Carbamidomethyl)",C21(Carbamidomethyl)	160	1.55E-15	1	2448.191	4.4	Malpighian tubule	2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_44698	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	61	8.74E-06	2	1224.557	0.19	Ovary	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_44793	TIDWALAEAMAFGSLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation)	77	2.94E-07	2	1852.952	0.14	Ovary	2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_44844	FDTAINSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	48	0.000217172	2	1024.506	0.42	Midgut	2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_45015	VIFCTGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	44	0.000402871	2	852.439	-0.35	Visceras	2L:-:30521205-30521185;2L:-:30521205-30521185;2L:-:30521205-30521185;2L:-:30521205-30521185	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_45216	LIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	30	0.002656 64	3	1476.856	1.78	Ovary	2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_45611	RLIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	49	8.46E-05	1	1778.976	-0.28	Ovary	2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB

JHU_Ag_45927	HHVLHHQTVDK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	6.20E-05	1	1350.694	-6.66	Pupa	2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_46769	SSPYCTDVAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	57	1.36E-05	2	1155.512	1.37	Salivary gland	2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_46873	LSGQDVER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	42	0.001175708	2	903.453	-0.1	Ovary	2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_46964	DVIIDIVSYRR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	50	5.78E-05	1	1348.760	1.33	Head	2L:-:30522486-30522454;2L:-:30522486-30522454;2L:-:30522486-30522454	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_47138	DVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	81	6.42E-08	2	1192.659	1.24	Pupa	2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_47275	YHLGTYIER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	40	0.001602668	1	1151.586	1.06	Salivary gland	2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_48656	YKDWIDSPWSGFFEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	65	4.12E-06	1	1961.914	3.66	Pupa	2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_48842	LNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	84	5.23E-08	2	1058.578	0.22	Salivary gland	2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_49098	LIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	102	1.97E-10	1	1476.854	0.14	Head	2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_49225	SNFSEMTDGTEFK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	93	2.17E-09	1	1492.624	-1.29	Head	2L:-:30521382-30521344;2L:-:30521382-30521344;2L:-:30521382-30521344	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_49572	VAPTGVIEETLVHIGNRFSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	122	2.11E-12	1	3426.859	12.12	Malpighian tubule	2L:-:30522183-30522088;2L:-:30522183-30522088;2L:-:30522183-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_49921	FLQMCSDDPDYFPPESEEFAIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	37	0.001001314	2	2693.154	0.11	Ovary	2L:-:30521595-30521530;2L:-:30521595-30521530;2L:-:30521595-30521530	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_50145	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	70	1.05E-06	2	1054.557	-0.02	Midgut	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_50882	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	59	1.08E-05	1	1020.572	-0.1	Salivary gland	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_51484	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	139	8.14E-14	1	2043.123	-0.4	Male reproductive organs	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_51607	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation),"M8(Oxidation),M10(Oxidation)",M8(Oxidation)	118	1.86E-11	1	1439.754	2.86	Head	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_51786	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	76	2.28E-07	1	1054.558	1.02	Visceras	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_51951	NHVPAAQYLGSSLPAVAGAGAAVGGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q7(Deamidated),N1(Deamidated)	153	4.06E-15	1	2391.254	0.67	Head	2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_52092	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	61	9.84E-06	1	1224.556	-0.51	Pupa	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_52194	LIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	97	5.47E-10	1	1476.857	2.62	Malpighian tubule	2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_52374	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	68	4.50E-08	1	1008.685	3.38	Malpighian tubule	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_52438	HHVLHHQTVDK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	46	0.000371642	2	1350.702	-0.19	Salivary gland	2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_52493	LAVVANPSHLEAVDPVVQGKTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	96	7.45E-10	1	2300.284	5.05	Malpighian tubule	2L:-:30522882-30522817;2L:-:30522882-30522817;2L:-:30522882-30522817;2L:-:30522882-30522817	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_52636	FLQMCSDDPDYFPPESEEFAIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M4(Oxidation), C5(Carbamidomethyl)	59	6.88E-06	1	2709.155	2.26	Visceras	2L:-:30521595-30521530;2L:-:30521595-30521530;2L:-:30521595-30521530;2L:-:30521595-30521530	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_52647	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	77	1.92E-07	1	1224.556	-0.8	Head	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_53103	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	60	9.95E-06	1	1020.574	1.1	Malpighian tubule	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_54591	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	126	1.61E-12	1	1805.001	5.32	Larva	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_55596	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	125	1.77E-12	1	2659.415	-1.5	Midgut	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_56045	QLHDINWIVANCSTPGNYFHLLR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C12(Carbamidomethyl)	141	1.07E-13	1	2768.382	3.44	Visceras	2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_56691	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	121	3.97E-12	1	2659.426	2.7	Pupa	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_56694	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	78	9.11E-08	1	1167.652	3.36	Malpighian tubule	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_57549	NHVPAAQYLGSSLPAVAGAGAAVGGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q7(Deamidated),N1(Deamidated)	162	5.17E-16	1	2391.254	0.55	Malpighian tubule	2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_57860	TIDWALAEAMAFGSLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation)	110	1.08E-10	2	1852.961	5.34	Larva	2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_57883	LSGQDVER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	7.65E-05	1	903.452	-0.78	Head	2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_58063	DVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	72	4.78E-07	2	1192.659	1.55	Visceras	2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_58303	GRLNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C10(Carbamidomethyl)	63	5.49E-06	1	1271.706	4.28	Malpighian tubule	2L:-:30523125-30523093;2L:-:30523125-30523093;2L:-:30523125-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_58399	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	42	0.000752456	1	1640.848	2.9	Salivary gland	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_58746	NNSYAAPPSLAPVPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N1(Deamidated),N2(Deamidated)	81	8.48E-08	1	1525.802	0.46	Head	2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_59672	QSGLVMLLPHGMEGMGPEHSSAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q1(Deamidated), M6(Oxidation), M12(Oxidation), M15(Oxidation),"M6(Oxidation), M12(Oxidation), M15(Oxidation)","M12(Oxidation), M15(Oxidation)"	63	5.69E-06	1	2453.134	-1.18	Head	2L:-:30521673-30521605;2L:-:30521673-30521605;2L:-:30521673-30521605	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_60355	FSSPPPNAAEFVIHKGLLR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	58	9.11E-06	1	2080.143	4.35	Malpighian tubule	2L:-:30522132-30522076;2L:-:30522132-30522076;2L:-:30522132-30522076	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_60437	IETHIK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	39	0.000442039	2	740.432	2.58	Salivary gland	2L:-:30522261-30522244;2L:-:30522261-30522244;2L:-:30522261-30522244	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_60588	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	48	7.98E-06	2	1008.682	0	Ovary	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_60730	DVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	69	1.12E-06	2	1192.657	-0.19	Male reproductive organs	2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_61176	VFKLPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	41	0.000172994	1	1394.810	4.26	Malpighian tubule	2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_61672	SNFSEMTDGTEFKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	98	9.85E-10	1	1664.724	1.36	Head	2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_61721	VFKLPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	27	0.005706 87	1	1394.805	0.24	Midgut	2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_61945	AEQFYRGDGEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	76	2.63E-07	1	1356.621	2.46	Malpighian tubule	2L:-:30522816-30522781;2L:-:30522816-30522781;2L:-:30522816-30522781;2L:-:30522816-30522781	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_62546	VVNAPIFHVNGDDPEAVMHVCK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N10(Deamidated), M18(Oxidation), C21(Carbamidomethyl),"M18(Oxidation), C21(Carbamidomethyl)"	41	0.00134822	1	2465.169	4.23	Larva	2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_62613	IDDKLIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	113	1.53E-11	1	1948.087	0.3	Ovary	2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_62632	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	62	2.68E-07	1	1008.683	0.96	Head	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_62972	QLHDINWIVANCSTPGNYFHLLR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C12(Carbamidomethyl)	98	1.64E-09	1	2768.407	12.57	Ovary	2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_63257	GTFSHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	33	0.00505589	2	704.345	-3.4	Head	2L:-:30521946-30521929;2L:-:30521946-30521929;2L:-:30521946-30521929;2L:-:30521946-30521929	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_63698	QLHDINWIVANCSTPGNYFHLLR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C12(Carbamidomethyl)	148	2.36E-14	1	2768.381	3.04	Head	2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_63902	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	83	3.58E-08	1	1778.977	0.75	Pupa	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB

JHU_Ag_64121	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M8(Oxidation),M10(Oxidation),"M8(Oxidation), M10(Oxidation)"	89	1.59E-08	1	1439.750	0.45	Salivary gland	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_64383	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	138	1.24E-13	1	1804.991	-0.29	Midgut	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_64541	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	141	1.04E-13	1	2544.278	1.78	Malpighian tubule	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB
JHU_Ag_65099	FETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	93	6.00E-09	2	1716.783	2.64	Malpighian tubule	2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_65260	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	74	3.95E-07	2	1224.556	-0.61	Malpighian tubule	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_65369	VIFCTGRVYYDLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	46	0.000261652	1	1746.936	6.6	Malpighian tubule	2L:-:30521205-30521164;2L:-:30521205-30521164;2L:-:30521205-30521164;2L:-:30521205-30521164	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB

JHU_Ag_66193	FETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	57	2.26E-05	2	1732.779	3.37	Salivary gland	2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309;2L:-:30523350-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_66199	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	109	8.65E-11	1	1804.995	1.6	Ovary	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_66406	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	133	2.86E-13	1	2043.124	0.08	Midgut	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_66448	NNSYAAPPSLAPVPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	39	0.001375353	1	1525.801	-0.02	Male reproductive organs	2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_66458	QIALPFR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	39	0.001674577	1	844.505	0.84	Head	2L:-:30521457-30521437;2L:-:30521457-30521437;2L:-:30521457-30521437;2L:-:30521457-30521437	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_66573	IDDKLIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	81	2.35E-08	1	1948.093	3.68	Salivary gland	2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB

JHU_Ag_66713	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	72	7.82E-07	1	1548.831	0.06	Male reproductive organs	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_66756	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	109	7.69E-11	1	1778.983	3.7	Malpighian tubule	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_66784	FDTAINSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	68	2.04E-06	2	1024.507	1.37	Pupa	2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_66960	YPNAELVWAQEEHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q10(Deamidated),N3(Deamidated)	78	2.27E-07	1	1713.826	1.42	Head	2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_67384	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	160	6.24E-16	1	2043.123	0.02	Visceras	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_67752	VFKLPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	77	5.28E-08	1	1394.806	1.02	Pupa	2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_67792	VYYDLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	45	0.000209559	1	913.505	1.75	Visceras	2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_68097	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	73	3.68E-07	1	1622.879	2.73	Midgut	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_68166	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	126	3.45E-12	1	2544.276	1.28	Midgut	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB
JHU_Ag_68169	FGLEGCEIMIPAMK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C6(Carbamidomethyl),M13(Oxidation),C6(Carbamidomethyl)	56	4.62E-05	1	1595.768	2.74	Head	2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_68634	YKDWIDSPWSGFFEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	117	2.81E-11	1	1961.906	-0.26	Head	2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_68661	DPASVHASWDAYFR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	121	8.21E-12	1	1621.741	0.89	Visceras	2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388	exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PB

JHU_Ag_68849	HHVLHHQTVDK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	33	0.007549178	1	1350.699	-2.36	Head	2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_69159	RVIFCTGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	45	0.000342888	2	1008.541	-0.28	Head	2L:-:30521208-30521185;2L:-:30521208-30521185;2L:-:30521208-30521185;2L:-:30521208-30521185	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_69385	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	96	2.17E-09	1	1548.836	3.53	Salivary gland	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_69512	YHLGTYIER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	58	2.58E-05	1	1151.580	-3.39	Head	2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_70512	FGLEGCEIMIPAMKEVIDVSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C6(Carbamidomethyl), M9(Oxidation), M13(Oxidation)	72	1.04E-06	1	2527.241	6.51	Malpighian tubule	2L:-:30523230-30523165;2L:-:30523230-30523165;2L:-:30523230-30523165;2L:-:30523230-30523165	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_70591	ATFHKDVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	52	3.68E-05	1	1776.969	2.49	Pupa	2L:-:30522501-30522457;2L:-:30522501-30522457;2L:-:30522501-30522457;2L:-:30522501-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_70627	LIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	54	1.24E-05	1	1476.853	-0.02	Salivary gland	2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214;2L:-:30528252-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_71075	YPNAELVWAQEEHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	68	2.54E-06	1	1713.819	-2.35	Midgut	2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_71288	NNSYAAPPSLAPVPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	47	0.000240117	2	1525.802	0.62	Ovary	2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_71441	NLLDDAMAL	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	53	0.000103421	1	991.477	-0.04	Head	2L:-:30516532-30516506;2L:-:30516532-30516506;2L:-:30516532-30516506	exon=> In CDS Exon 9 of transcript AGAP006366-PE;exon=> In CDS Exon 9 of transcript AGAP006366-PC;exon=> In CDS Exon 10 of transcript AGAP006366-PA;exon=> In CDS Exon 10 of transcript AGAP006366-PB
JHU_Ag_72301	GRLNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C10(Carbamidomethyl)	62	7.15E-06	1	1271.701	1.02	Head	2L:-:30523125-30523093;2L:-:30523125-30523093;2L:-:30523125-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_73149	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	130	5.31E-13	1	2659.424	1.8	Malpighian tubule	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_74327	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	109	7.50E-11	1	1804.993	0.86	Pupa	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_75173	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	44	0.000518153	1	1548.831	-0.17	Midgut	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_76128	RQIALPFR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	34	0.002026552	1	1000.608	2.54	Malpighian tubule	2L:-:30521460-30521437;2L:-:30521460-30521437;2L:-:30521460-30521437;2L:-:30521460-30521437	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_76551	LNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	66	3.72E-06	2	1058.577	-0.7	Malpighian tubule	2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_76721	SNFSEMTDGTEFK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	86	8.95E-09	1	1508.622	0.56	Malpighian tubule	2L:-:30521382-30521344;2L:-:30521382-30521344;2L:-:30521382-30521344;2L:-:30521382-30521344	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_77157	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	56	3.26E-05	2	1640.845	1.19	Malpighian tubule	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_77370	VVNAPIFHVNGDDPEAVMHVCK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N10(Deamidated), M18(Oxidation), C21(Carbamidomethyl)," M18(Oxidation), C21(Carbamidomethyl)"," N10(Deamidated), C21(Carbamidomethyl)",C21(Carbamidomethyl)	153	8.04E-15	1	2448.182	0.67	Head	2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_77886	YHLGTYIER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	58	2.51E-05	1	1151.586	1.06	Malpighian tubule	2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_78065	VIFCTGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	37	0.001976 97	1	852.437	-2.78	Head	2L:-:30521205-30521185;2L:-:30521205-30521185;2L:-:30521205-30521185;2L:-:30521205-30521185	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_78222	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	64	5.56E-06	2	1640.842	-0.6	Visceras	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_78646	SSPYCTDVAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	37	0.001316 767	2	1155.509	-0.53	Visceras	2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_79161	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M8(Oxidation), M10(Oxidation)	103	5.43E-10	1	1439.751	0.83	Pupa	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_79323	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	98	2.41E-09	1	1640.844	0.22	Head	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_79342	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	55	3.09E-05	2	1054.556	-0.71	Ovary	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_79560	DVIIDIVSYRR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	36	0.001622375	1	1348.765	4.68	Malpighian tubule	2L:-:30522486-30522454;2L:-:30522486-30522454;2L:-:30522486-30522454;2L:-:30522486-30522454	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_79872	NLLDDAMAL	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	72	1.23E-06	2	991.480	3.09	Malpighian tubule	2L:-:30516532-30516506;2L:-:30516532-30516506;2L:-:30516532-30516506;2L:-:30516532-30516506	exon=> In CDS Exon 9 of transcript AGAP006366-PE;exon=> In CDS Exon 9 of transcript AGAP006366-PC;exon=> In CDS Exon 10 of transcript AGAP006366-PA;exon=> In CDS Exon 10 of transcript AGAP006366-PB
JHU_Ag_80244	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M8(Oxidation), M10(Oxidation)	65	3.77E-06	1	1471.737	-1.99	Midgut	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_80285	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	79	1.89E-07	1	1640.840	-2.09	Midgut	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_80663	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	50	4.47E-05	2	2659.438	7.15	Larva	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_80681	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	89	8.09E-09	1	1778.980	2.4	Head	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_81039	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	61	8.50E-06	2	1054.558	0.67	Male reproductive organs	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_81236	FLQMCSDDPDYFPPESEEFAIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M4(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	68	8.74E-07	2	2709.151	0.91	Head	2L:-:30521595-30521530;2L:-:30521595-30521530;2L:-:30521595-30521530;2L:-:30521595-30521530	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_81254	DPASVHASWDAYFR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	85	3.54E-08	1	1621.745	3.52	Salivary gland	2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388;2L:-:30528495-30528615,30528205-30528388	exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PE;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PC;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP006366-PB
JHU_Ag_82507	SNFSEMTDGTEFKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	66	1.90E-06	1	1648.728	0.36	Ovary	2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_82730	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	56	3.62E-05	1	1640.845	1.34	Ovary	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_82758	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	148	2.25E-14	1	2544.275	0.8	Visceras	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB

JHU_Ag_83339	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	56	2.51E-05	1	1548.837	4.24	Larva	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_84007	ERFETPNIMTYTNEEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M9(Oxidation)	99	1.73E-09	1	2001.920	-0.93	Head	2L:-:30523356-30523309;2L:-:30523356-30523309;2L:-:30523356-30523309;2L:-:30523356-30523309	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_84039	NNSYAAPPSLAPVPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N2(Deamidated)	80	1.18E-07	1	1525.803	1.5	Malpighian tubule	2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_84247	YKDWIDSPWSGFFEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	85	5.11E-08	1	1961.910	1.6	Salivary gland	2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_84513	YPNAELVWAQEEHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	104	6.38E-10	1	1713.833	5.48	Visceras	2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_85205	YKDWIDSPWSGFFEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	100	1.33E-09	1	1961.912	2.54	Visceras	2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196;2L:-:30522243-30522196	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_85233	TRAEQFYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	41	0.000848467	1	1070.540	2.24	Malpighian tubule	2L:-:30522822-30522799;2L:-:30522822-30522799;2L:-:30522822-30522799;2L:-:30522822-30522799	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_85504	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	96	1.66E-09	1	1778.983	3.77	Visceras	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_85602	NGHNEIDEPMFTQPLMYK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N4(Deamidated), M10(Oxidation), M16(Oxidation),"N1(Deamidated), M10(Oxidation), M16(Oxidation)","M10(Oxidation), M16(Oxidation)"	86	2.63E-08	1	2195.985	5.21	Larva	2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400;2L:-:30522453-30522400	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_86084	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	100	6.99E-10	1	1622.876	0.7	Malpighian tubule	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_86332	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	96	1.97E-09	1	1622.880	2.95	Visceras	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_86368	NQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	65	3.53E-06	1	1408.645	1.69	Salivary gland	2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_86517	ICEEAFEQAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C2(Carbamidomethyl)	68	2.00E-06	1	1224.557	0.59	Midgut	2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262;2L:-:30522291-30522262	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_86719	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	52	3.62E-05	1	1167.652	3.35	Ovary	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_86805	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	64	1.93E-07	1	1008.683	1.09	Visceras	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_86807	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	51	6.96E-05	2	1020.571	-1.71	Head	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_87023	NQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	58	1.71E-05	1	1408.646	2.47	Malpighian tubule	2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_87567	NLLDDAMAL	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	39	0.001770551	1	991.472	-4.41	Salivary gland	2L:-:30516532-30516506;2L:-:30516532-30516506;2L:-:30516532-30516506;2L:-:30516532-30516506	exon=> In CDS Exon 9 of transcript AGAP006366-PE;exon=> In CDS Exon 9 of transcript AGAP006366-PC;exon=> In CDS Exon 10 of transcript AGAP006366-PA;exon=> In CDS Exon 10 of transcript AGAP006366-PB
JHU_Ag_88242	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	59	8.46E-06	1	1778.978	1.37	Salivary gland	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_88447	DVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	73	4.52E-07	2	1192.656	-0.71	Head	2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_88468	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	134	2.05E-13	1	2659.426	2.49	Ovary	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_88609	RLILAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	37	0.000213885	1	741.510	1.12	Head	2L:-:30523308-30523291;2L:-:30523308-30523291;2L:-:30523308-30523291;2L:-:30523308-30523291	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_88760	LSGQDVER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	52	9.98E-05	2	903.453	-0.3	Salivary gland	2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947;2L:-:30521970-30521947	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_88817	QSGLVMLLPHGMEGMGPEHSSAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M12(Oxidation), M15(Oxidation),"M6(Oxidation), M12(Oxidation), M15(Oxidation)"	67	2.57E-06	1	2469.144	4.86	Malpighian tubule	2L:-:30521673-30521605;2L:-:30521673-30521605;2L:-:30521673-30521605;2L:-:30521673-30521605	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_88828	RLIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	96	1.58E-09	1	1778.985	5.21	Midgut	2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_89220	IRGTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	122	1.94E-12	1	2928.613	3.07	Visceras	2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316;2L:-:30522396-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_89431	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	135	1.51E-13	1	2659.427	2.97	Salivary gland	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_90567	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	96	2.07E-09	1	1778.973	-1.72	Midgut	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_90752	VFKLPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	43	0.000157415	1	1394.802	-1.94	Male reproductive organs	2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_90780	SSPYCTDVAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	61	5.82E-06	1	1155.513	2.22	Malpighian tubule	2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_92638	FDTAINSTR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	69	1.73E-06	2	1024.509	3.16	Malpighian tubule	2L:-:30520915-30520889;2L:-:30520915-30520889;2L:-:30520915-30520889	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_92798	NHVPAAQYLGSSLPAVAGAGAAVGGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	104	3.46E-10	1	2391.263	4.04	Midgut	2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_93133	TIDWALAEAMAFGSLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M10(Oxidation)	45	0.000343701	2	1852.961	4.88	Salivary gland	2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_93152	NQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	72	7.12E-07	1	1408.643	0.56	Head	2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_93164	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	73	5.22E-07	1	1054.560	3.45	Malpighian tubule	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_93216	VFKLPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	49	3.89E-05	2	1394.806	1.38	Salivary gland	2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_93413	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	94	6.07E-09	1	2544.276	1.06	Male reproductive organs	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB
JHU_Ag_93520	NLLDDAMAL	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	61	1.35E-05	2	991.476	-0.48	Visceras	2L:-:30516532-30516506;2L:-:30516532-30516506;2L:-:30516532-30516506;2L:-:30516532-30516506	exon=> In CDS Exon 9 of transcript AGAP006366-PE;exon=> In CDS Exon 9 of transcript AGAP006366-PC;exon=> In CDS Exon 10 of transcript AGAP006366-PA;exon=> In CDS Exon 10 of transcript AGAP006366-PB
JHU_Ag_93590	RLIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	98	1.13E-09	1	1778.975	-0.69	Malpighian tubule	2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB

JHU_Ag_93614	RNGHNEIDEPMFTQPLMYK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	N2(Deamidated), M11(Oxidation), M17(Oxidation)	78	1.85E-07	1	2353.055	-1.55	Head	2L:-:30522456-30522400;2L:-:30522456-30522400;2L:-:30522456-30522400	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_93623	VYYDLLKAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	65	1.79E-06	1	1140.646	4.03	Malpighian tubule	2L:-:30521184-30521158;2L:-:30521184-30521158;2L:-:30521184-30521158	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_93664	AQHLKELK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	34	0.001312335	2	966.576	2.56	Malpighian tubule	2L:-:30516556-30516533;2L:-:30516556-30516533;2L:-:30516556-30516533	exon=> In CDS Exon 9 of transcript AGAP006366-PE;exon=> In CDS Exon 9 of transcript AGAP006366-PC;exon=> In CDS Exon 10 of transcript AGAP006366-PA;exon=> In CDS Exon 10 of transcript AGAP006366-PB
JHU_Ag_93666	IDDKLIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	128	4.82E-13	1	1948.086	-0.22	Visceras	2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_93726	VFKLPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	46	6.57E-05	1	1394.807	1.99	Head	2L:-:30523509-30523471;2L:-:30523509-30523471;2L:-:30523509-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_93834	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	114	1.92E-11	1	2659.423	1.66	Male reproductive organs	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_93967	NNSYAAPPSLAPVPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	72	6.75E-07	1	1525.805	2.46	Visceras	2L:-:30528387-30528343;2L:-:30528387-30528343;2L:-:30528387-30528343	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB

JHU_Ag_94346	VYYDLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	35	0.002612703	2	913.502	-1.12	Pupa	2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_95256	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	85	3.52E-08	1	1548.836	2.98	Pupa	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_95650	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	79	8.41E-08	1	1167.648	0.13	Pupa	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_95723	FSSPPPNAAEFVIHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	57	2.45E-05	2	1640.849	3.72	Larva	2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088;2L:-:30522132-30522088	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_95805	QLHDINWIVANCSTPGNYFHLLR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C12(Carbamidomethyl)	63	7.50E-06	1	2768.375	0.9	Malpighian tubule	2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461;2L:-:30521529-30521461	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_96036	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	45	0.000255439	2	1020.574	1.7	Visceras	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_97465	HHVLHHQTVDK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	42	0.000943475	2	1350.703	0.35	Male reproductive organs	2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_97554	YPNAELVWAQEEHK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	103	7.24E-10	1	1713.825	1.21	Malpighian tubule	2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949;2L:-:30520990-30520949	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_97658	DVIIDIVSYRR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	48	0.000109339	1	1348.760	1.15	Ovary	2L:-:30522486-30522454;2L:-:30522486-30522454;2L:-:30522486-30522454;2L:-:30522486-30522454	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_97920	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	75	1.90E-07	1	1167.648	-0.18	Head	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_98195	YPNAELVWAQEEHKNQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C18(Carbamidomethyl)	100	1.57E-09	1	3103.454	1.93	Salivary gland	2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_99725	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M8(Oxidation),"M8(Oxidation),M10(Oxidation)",M10(Oxidation)	97	1.92E-09	1	1439.755	3.7	Visceras	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB

JHU_Ag_99856	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	74	4.07E-07	1	1548.833	1.32	Ovary	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_100792	NHVPAAQYLGSSLPAVAGAGAAVGGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	124	3.56E-12	1	2391.255	0.9	Ovary	2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_100960	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	102	5.76E-10	1	1548.836	3.22	Malpighian tubule	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_101005	SNFSEMTDGTEFKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	116	1.90E-11	1	1648.732	3.17	Malpighian tubule	2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254;2L:-:30521382-30522957,30521110-30521254	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_103209	YHLGTYIER	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	39	0.001717817	1	1151.585	0.85	Pupa	2L:-:30522939-30522913;2L:-:30522939-30522913;2L:-:30522939-30522913	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_103348	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	84	2.06E-08	2	2043.129	2.53	Larva	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_103709	NHVPAAQYLGSSLPAVAGAGAAVGGR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q7(Deamidated),N1(Deamidated)	158	1.41E-15	1	2391.254	0.44	Visceras	2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265;2L:-:30528342-30528265	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_103815	NQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C4(Carbamidomethyl)	62	7.47E-06	1	1408.645	1.52	Ovary	2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916;2L:-:30520948-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_103859	HHVLHHQTVDK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	77	2.95E-07	1	1350.704	0.9	Visceras	2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896;2L:-:30521928-30521896	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_104056	IEQISPFPYDLVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	88	1.55E-08	1	1548.836	3.37	Visceras	2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006;2L:-:30521118-30521254,30520881-30521006	exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PE;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PC;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PB
JHU_Ag_104379	SNFSEMTDGTEFK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M6(Oxidation)	70	3.45E-07	1	1508.619	-1.31	Midgut	2L:-:30521382-30521344;2L:-:30521382-30521344;2L:-:30521382-30521344;2L:-:30521382-30521344	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_104468	KPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	62	1.76E-07	1	1008.684	1.87	Salivary gland	2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410;2L:-:30521436-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_104691	LNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	71	1.38E-06	2	1058.581	3.33	Male reproductive organs	2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_105936	LPSTTFIGGKEK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	63	3.69E-06	1	1277.713	2.65	Malpighian tubule	2L:-:30523500-30523465;2L:-:30523500-30523465;2L:-:30523500-30523465;2L:-:30523500-30523465	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_105964	IETHIK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	29	0.004592614	1	740.431	0.85	Malpighian tubule	2L:-:30522261-30522244;2L:-:30522261-30522244;2L:-:30522261-30522244;2L:-:30522261-30522244	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_106037	DVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	46	0.00016432	1	1192.666	7.34	Midgut	2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457;2L:-:30522486-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_106131	LPSTTFIGGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	43	0.00047073	2	1020.572	-0.1	Midgut	2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471;2L:-:30523500-30523471	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_106314	TIDWALAEAMAFGSLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	79	1.39E-07	2	1836.961	2.42	Head	2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989;2L:-:30522039-30521989	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_106940	VVNAPIFHVNGDDPEAVMHVCK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M18(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	82	9.21E-08	1	2448.182	0.96	Ovary	2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520;2L:-:30522585-30522520	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_106962	QSGLVMLLPHGMEGMGPEHSSAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M12(Oxidation), M15(Oxidation),"M6(Oxidation), M12(Oxidation), M15(Oxidation)"	52	9.07E-05	1	2469.131	-0.55	Midgut	2L:-:30521673-30521605;2L:-:30521673-30521605;2L:-:30521673-30521605;2L:-:30521673-30521605	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_107662	RLIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	95	2.31E-09	1	1778.981	2.67	Head	2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_107683	FGLEGCEIMIPAMK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C6(Carbamidomethyl), M9(Oxidation), M13(Oxidation)	53	5.82E-05	2	1627.747	-3.74	Midgut	2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_107794	VYYDLLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	42	0.000502447	1	913.501	-2.25	Male reproductive organs	2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164;2L:-:30521184-30521164	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_108153	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	160	6.06E-16	1	2043.124	0.26	Ovary	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_108553	IDDKLIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	131	2.09E-13	1	1948.094	3.97	Malpighian tubule	2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_108983	LIPDALTAENPNQVKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	77	1.50E-07	1	1778.974	-1.17	Male reproductive organs	2L:-:30521253-30521206;2L:-:30521253-30521206;2L:-:30521253-30521206	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_109056	IDDKLIDDHLAVQAIIR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	129	4.34E-13	1	1948.090	1.65	Head	2L:-:30528264-30528214;2L:-:30528264-30528214;2L:-:30528264-30528214	exon=> In CDS Exon 3 of transcript AGAP006366-PE;exon=> In CDS Exon 3 of transcript AGAP006366-PC;exon=> In CDS Exon 3 of transcript AGAP006366-PA;exon=> In CDS Exon 3 of transcript AGAP006366-PB
JHU_Ag_109644	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	93	3.72E-09	1	1622.879	2.5	Pupa	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_110218	FGLEGCEIMIPAMK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C6(Carbamidomethyl), M9(Oxidation), M13(Oxidation),"C6(Carbamidomethyl), M13(Oxidation)",C6(Carbamidomethyl),"C6(Carbamidomethyl), M9(Oxidation)"	83	6.05E-08	1	1627.753	0.16	Malpighian tubule	2L:-:30523230-30523189;2L:-:30523230-30523189;2L:-:30523230-30523189	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_111103	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	104	5.11E-10	3	2544.284	4.16	Ovary	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB

JHU_Ag_111837	DWIDSPWSGFFEGKDPLK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	35	0.005145	1	2124.014	3.32	Midgut	2L:-:30522237-30522184;2L:-:30522237-30522184;2L:-:30522237-30522184;2L:-:30522237-30522184	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_112565	YPNAELVWAQEEHKNQGCWTYVQPR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C18(Carbamidomethyl)	187	3.10E-18	1	3103.445	-0.96	Head	2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916;2L:-:30520990-30520916	exon=> In CDS Exon 8 of transcript AGAP006366-PE;exon=> In CDS Exon 8 of transcript AGAP006366-PC;exon=> In CDS Exon 8 of transcript AGAP006366-PA;exon=> In CDS Exon 9 of transcript AGAP006366-PB
JHU_Ag_112966	SSPYCTDVAR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C5(Carbamidomethyl)	33	0.003503555	2	1155.509	-0.53	Pupa	2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586;2L:-:30522615-30522586	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_112987	GTKPALDIYANQLITEGVVTAEEVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	133	2.19E-13	1	2659.431	4.69	Head	2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316;2L:-:30522390-30522316	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_113679	DWIDSPWSGFFEGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	48	0.000182632	2	1670.756	4.65	Malpighian tubule	2L:-:30522237-30522196;2L:-:30522237-30522196;2L:-:30522237-30522196;2L:-:30522237-30522196	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_113920	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	Q13(Deamidated)	107	1.57E-10	1	1622.877	1.15	Head	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_114088	LIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	86	1.88E-08	1	1622.873	-1.33	Male reproductive organs	2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209;2L:-:30521253-30521209	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB

JHU_Ag_114976	LNVLANVCR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	C8(Carbamidomethyl)	74	6.19E-07	2	1058.577	-0.47	Visceras	2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093;2L:-:30523119-30523093	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_115149	ATGFEAFLAK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	51	9.14E-05	1	1054.556	-1.18	Head	2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252;2L:-:30523281-30523252	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_115152	FETPNIMTYTNEEKR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M7(Oxidation)	64	6.02E-06	1	1888.880	2.61	Malpighian tubule	2L:-:30523350-30523306;2L:-:30523350-30523306;2L:-:30523350-30523306;2L:-:30523350-30523306	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_115580	RLIPDALTAENPNQVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	101	5.63E-10	1	1778.977	0.75	Visceras	2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209;2L:-:30521343-30522957,30521110-30521209	exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PE;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PC;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006366-PB
JHU_Ag_116139	LGVESIIMGMPHR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	M8(Oxidation), M10(Oxidation)	87	2.64E-08	1	1471.739	-0.63	Male reproductive organs	2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126;2L:-:30523164-30523126	exon=> In CDS Exon 5 of transcript AGAP006366-PE;exon=> In CDS Exon 5 of transcript AGAP006366-PC;exon=> In CDS Exon 5 of transcript AGAP006366-PA;exon=> In CDS Exon 6 of transcript AGAP006366-PB
JHU_Ag_116226	LAVVANPSHLEAVDPVVQGK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	133	2.49E-13	1	2043.129	2.65	Salivary gland	2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823;2L:-:30522882-30522823	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB

JHU_Ag_116403	KPLHQIFTQFAGLEAADDGSGDVK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	69	1.77E-06	3	2544.283	3.8	Pupa	2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940;2L:-:30523092-30523529,30521342-30522940	exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PE;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PC;exon=> In CDS Exon 6 and 5 of transcript AGAP006366-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006366-PB
JHU_Ag_116936	QIALPFRKPLIVLTPK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	38	4.45E-05	1	1834.178	5.45	Malpighian tubule	2L:-:30521457-30521410;2L:-:30521457-30521410;2L:-:30521457-30521410;2L:-:30521457-30521410	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_117200	LDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	47	0.000180918	2	1039.555	2.13	Malpighian tubule	2L:-:30521145-30521119;2L:-:30521145-30521119;2L:-:30521145-30521119;2L:-:30521145-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_117318	ATFHKDVIIDIVSYR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	80	5.37E-08	1	1776.969	2.84	Head	2L:-:30522501-30522457;2L:-:30522501-30522457;2L:-:30522501-30522457;2L:-:30522501-30522457	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_117379	KLDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	83	3.04E-08	1	1167.652	3.36	Visceras	2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119;2L:-:30521148-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB
JHU_Ag_117556	LDHDIAISR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	61	8.52E-06	1	1039.549	-3.51	Head	2L:-:30521145-30521119;2L:-:30521145-30521119;2L:-:30521145-30521119;2L:-:30521145-30521119	exon=> In CDS Exon 7 of transcript AGAP006366-PE;exon=> In CDS Exon 7 of transcript AGAP006366-PC;exon=> In CDS Exon 7 of transcript AGAP006366-PA;exon=> In CDS Exon 8 of transcript AGAP006366-PB

JHU_Ag_117624	VAPTGVIEETLVHIGNR	AGAP006366-PE,AGAP006366-PC,AGAP006366-PA,AGAP006366-PB	-	126	1.89E-12	1	1804.991	-0.49	Male reproductive organs	2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133;2L:-:30522183-30522133	exon=> In CDS Exon 6 of transcript AGAP006366-PE;exon=> In CDS Exon 6 of transcript AGAP006366-PC;exon=> In CDS Exon 6 of transcript AGAP006366-PA;exon=> In CDS Exon 7 of transcript AGAP006366-PB
JHU_Ag_7707	DFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C9(Carbamidomethyl)	103	6.31E-10	1	1860.860	2.81	Male reproductive organs	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB
JHU_Ag_17114	FDTAINSTRDFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C18(Carbamidomethyl)	134	5.35E-13	1	2866.357	4.98	Malpighian tubule	2L:-:30520915-30521035,30516503-30516557;2L:-:30520915-30521035,30516503-30516557;2L:-:30520915-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB
JHU_Ag_73391	DFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C9(Carbamidomethyl)	116	3.72E-11	1	1860.856	0.64	Visceras	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB
JHU_Ag_74328	DFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C9(Carbamidomethyl)	67	2.48E-06	1	1860.853	-0.67	Midgut	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB
JHU_Ag_76865	DFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C9(Carbamidomethyl)	120	1.41E-11	1	1860.859	2.48	Head	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB

JHU_Ag_81542	DFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C9(Carbamidomethyl)	57	2.58E-05	2	1860.853	-0.6	Salivary gland	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB
JHU_Ag_86558	DFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C9(Carbamidomethyl)	111	9.97E-11	1	1860.860	2.68	Malpighian tubule	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB
JHU_Ag_98485	DFSYVGRPCGASTATGSK	AGAP006366-PE,AGAP006366-PC,AGAP006366-PB	C9(Carbamidomethyl)	67	2.83E-06	2	1860.860	2.87	Ovary	2L:-:30520888-30521035,30516503-30516557;2L:-:30520888-30521035,30516503-30516557	exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PE;exon=> In CDS Exon 9 and 8 of transcript AGAP006366-PC;exon=> In CDS Exon 10 and 9 of transcript AGAP006366-PB
JHU_Ag_2332	GSTEHSANELDGR	AGAP006370-PA	-	81	4.66E-08	1	1372.603	-4.19	Head	2L:+:30560200-30560238	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_8830	AGLFTNANR	AGAP006370-PA	-	47	0.000326478	2	963.499	-1.76	Head	2L:+:30561550-30561576	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_10523	GSFSYNNEAGR	AGAP006370-PA	-	66	8.72E-07	1	1201.523	-0.24	Head	2L:+:30560476-30560508	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_14872	AASFGGNQWSAGGDGR	AGAP006370-PA	-	100	1.03E-09	1	1537.684	3.87	Malpighian tubule	2L:+:30559114-30559161	exon=> In CDS Exon 2 of transcript AGAP006370-PA
JHU_Ag_27826	GRLPLIPATSFDGAADEQTR	AGAP006370-PA	-	111	1.12E-10	1	2115.084	0.64	Head	2L:+:30559948-30560007	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_35787	ATTEAGDASQPTAR	AGAP006370-PA	-	94	5.25E-09	2	1375.646	1.02	Malpighian tubule	2L:+:30560143-30560184	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_37365	FGPATGAGGVFGVDGGR	AGAP006370-PA	-	130	1.76E-12	1	1521.744	-0.17	Head	2L:+:30560608-30560658	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_45419	GRLPLIPATSFDGAADEQTR	AGAP006370-PA	-	50	0.000121779	1	2115.080	-1.35	Visceras	2L:+:30559948-30560007	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_45486	HNFSFNAAPDVDLR	AGAP006370-PA	N6(Deamidated)	86	2.92E-08	1	1603.748	-1.2	Head	2L:+:30559834-30559875	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_46218	LGGLNPDEYGPQSVHSR	AGAP006370-PA	-	99	1.80E-09	1	1825.890	3.92	Malpighian tubule	2L:+:30559897-30559947	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_50059	SYQFGYQTPDATREESADQAGNVR	AGAP006370-PA	-	81	7.19E-08	1	2690.221	4.91	Malpighian tubule	2L:+:30560404-30560475	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_56400	LPLIPATSFDGAADEQTR	AGAP006370-PA	-	103	7.34E-10	1	1901.961	0.03	Head	2L:+:30559954-30560007	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_60485	LGGLNPDEYGPQSVHSR	AGAP006370-PA	-	131	1.18E-12	1	1825.887	2.29	Head	2L:+:30559897-30559947	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_65123	NDLQYVAGTGMGFRPTGGSLSVPNGLPGDNGQR	AGAP006370-PA	M11(Oxidation)	80	1.44E-07	1	3348.610	2.08	Visceras	2L:+:30560509-30560607	exon=> In CDS Exon 4 of transcript AGAP006370-PA

JHU_Ag_80590	DETGHANGNVEGTYGFQNDGAK	AGAP006370-PA	N7(Deamidated),N9(Deamidated)	55	1.42E-05	3	2281.963	1.47	Head	2L:+:30559768-30559833	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_83179	SGIDGAGSEGGSDDSSLSVVGLPK	AGAP006370-PA	-	186	3.76E-18	1	2191.037	0.32	Head	2L:+:30560071-30560142	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_91001	SYQFGYQTPDATR	AGAP006370-PA	-	89	1.41E-08	1	1533.700	1.95	Head	2L:+:30560404-30560442	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_92536	SYQFGYQTPDATREESADQAGNVR	AGAP006370-PA	Q19(Deamidated),N22(Deamidated)	31	0.006759947	3	2691.203	4.23	Head	2L:+:30560404-30560475	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_94270	ATTEAGDASQPTAR	AGAP006370-PA	-	88	1.97E-08	1	1375.645	-0.13	Head	2L:+:30560143-30560184	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_104822	FGPATGAGGVFGVDGGR	AGAP006370-PA	-	96	3.87E-09	1	1521.754	6.17	Malpighian tubule	2L:+:30560608-30560658	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_104845	NDLQYVAGTGMGFRPTGGSLSVPNGLPGDNGQR	AGAP006370-PA	M11(Oxidation),N30(Deamidated),"M11(Oxidation),N24(Deamidated),Q32(Deamidated)","M11(Oxidation),N24(Deamidated),N30(Deamidated)","M11(Oxidation),Q32(Deamidated)",M11(Oxidation)	121	1.20E-11	1	3348.611	2.52	Head	2L:+:30560509-30560607	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_106760	NTFGGFGDVSR	AGAP006370-PA	-	54	3.64E-05	2	1156.538	-0.18	Head	2L:+:30561517-30561549	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_107511	ATTEAGDASQPTARDQVVR	AGAP006370-PA	-	87	3.81E-08	1	1972.975	3.43	Malpighian tubule	2L:+:30560143-30560199	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_107587	AASFGGNQWSAGGDGR	AGAP006370-PA	-	127	1.66E-12	1	1537.678	-0.26	Head	2L:+:30559114-30559161	exon=> In CDS Exon 2 of transcript AGAP006370-PA
JHU_Ag_108718	VPVAHINPDGSYGFSYYTPNSAR	AGAP006370-PA	-	80	1.29E-07	1	2512.192	1.1	Head	2L:+:30559699-30559767	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_110472	SFGFGNQGGQGFATADR	AGAP006370-PA	-	143	5.36E-14	1	1716.774	0.82	Head	2L:+:30561328-30561378	exon=> In CDS Exon 4 of transcript AGAP006370-PA
JHU_Ag_1390	RLQFLNEAFEFSK	AGAP006371-PA	-	63	7.11E-06	1	1628.840	-2.11	Salivary gland	2L:-:30562581-30562543	exon=> In CDS Exon 1 of transcript AGAP006371-PA
JHU_Ag_2970	SSSVVLDLLNR	AGAP006371-PA	-	79	1.32E-07	2	1202.679	4.28	Salivary gland	2L:-:30561716-30561684	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_11383	SSSVVLDLLNRVS	AGAP006371-PA	-	47	0.000119448	2	1388.778	2.75	Salivary gland	2L:-:30561716-30561678	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_16976	IVEFMNR	AGAP006371-PA	-	37	0.002703368	1	908.467	1.24	Salivary gland	2L:-:30562683-30562663	exon=> In CDS Exon 1 of transcript AGAP006371-PA
JHU_Ag_17633	SGSEHQFATMVR	AGAP006371-PA	M10(Oxidation)	82	7.86E-08	1	1365.625	2.14	Salivary gland	2L:-:30562983-30562948	exon=> In CDS Exon 1 of transcript AGAP006371-PA
JHU_Ag_19073	ACLPPGEYCDIISGER	AGAP006371-PA	C2(Carbamidomethyl),C9(Carbamidomethyl)	82	8.08E-08	1	1836.835	5.27	Salivary gland	2L:-:30561836-30561789	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_20721	LQFLNEAFEFSK	AGAP006371-PA	-	109	2.09E-10	1	1472.742	0.11	Salivary gland	2L:-:30562578-30562543	exon=> In CDS Exon 1 of transcript AGAP006371-PA
JHU_Ag_27313	NFVAPAPLTNVQYSGGTFAFCR	AGAP006371-PA	Q12(Deamidated),C21(Carbamidomethyl),"N10(Deamidated),C21(Carbamidomethyl)",C21(Carbamidomethyl)	108	2.49E-10	2	2418.151	-1.6	Salivary gland	2L:-:30561962-30561897	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_29719	VSLTVPR	AGAP006371-PA	-	65	3.06E-06	2	771.473	0.22	Salivary gland	2L:-:30561737-30561717	exon=> In CDS Exon 2 of transcript AGAP006371-PA

JHU_Ag_32273	VSALEALTR	AGAP006371-PA	-	82	8.32E-08	2	959.552	0.23	Salivary gland	2L:-:30562325-30562299	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_34651	VLVDGDGR	AGAP006371-PA	-	36	0.003915517	2	830.436	-0.54	Salivary gland	2L:-:30561761-30561738	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_56199	GHGAGGDSILTFK	AGAP006371-PA	-	83	8.32E-08	2	1259.640	1.59	Salivary gland	2L:-:30562223-30562185	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_72657	YQPISYIINSR	AGAP006371-PA	-	89	1.16E-08	1	1353.718	1.14	Salivary gland	2L:-:30563016-30562984	exon=> In CDS Exon 1 of transcript AGAP006371-PA
JHU_Ag_100785	GAIGFALFNAGPETSDGIWK	AGAP006371-PA	-	140	1.88E-13	1	2051.030	3.26	Salivary gland	2L:-:30561896-30561837	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_104117	EARPFIYQEVIDLGSEPVTASQYTDLGHVTEFK	AGAP006371-PA	-	64	3.39E-06	1	3739.863	3.82	Salivary gland	2L:-:30562542-30563157,30561675-30562368	exon=> In CDS Exon 2 and 1 of transcript AGAP006371-PA
JHU_Ag_106885	DGQTYTQAIAFTLATDYGTVR	AGAP006371-PA	-	54	5.84E-05	1	2292.109	-2.21	Salivary gland	2L:-:30562184-30562122	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_107348	YSLFVGLIFR	AGAP006371-PA	-	38	0.001465563	2	1214.690	-2.28	Salivary gland	2L:-:30562367-30562338	exon=> In CDS Exon 2 of transcript AGAP006371-PA
JHU_Ag_111083	LIELGVAGFR	AGAP006371-PA	-	86	1.94E-08	1	1074.631	0.11	Salivary gland	2L:-:30562662-30562633	exon=> In CDS Exon 1 of transcript AGAP006371-PA
JHU_Ag_112885	LPLVLVR	AGAP006372-PA	-	52	6.95E-07	1	809.561	0.07	Ovary	2L:+:30565574-30565594	exon=> In CDS Exon 1 of transcript AGAP006372-PA
JHU_Ag_19671	TVTDGNSTANTNDTTSTPK	AGAP006373-PA	-	105	3.31E-10	1	1924.873	0.12	Visceras	2L:-:30567170-30567114	exon=> In CDS Exon 6 of transcript AGAP006373-PA
JHU_Ag_20061	SDAAGADEEDTVASK	AGAP006373-PA	-	61	5.02E-06	1	1465.630	0.57	Ovary	2L:-:30566729-30566685	exon=> In CDS Exon 6 of transcript AGAP006373-PA
JHU_Ag_27814	DVQDDAEEEDDDKTNLER	AGAP006373-PA	-	30	0.003483891	1	2135.883	-1.04	Ovary	2L:-:30566828-30566775	exon=> In CDS Exon 6 of transcript AGAP006373-PA
JHU_Ag_31716	SDAAGADEEDTVASK	AGAP006373-PA	-	93	3.52E-09	2	1465.636	5.07	Head	2L:-:30566729-30566685	exon=> In CDS Exon 6 of transcript AGAP006373-PA
JHU_Ag_52597	DVQDDAEEEDDDKTNLER	AGAP006373-PA	-	131	3.16E-13	1	2135.892	3.53	Head	2L:-:30566828-30566775	exon=> In CDS Exon 6 of transcript AGAP006373-PA
JHU_Ag_77678	ADADDDDDEDDEEDVK	AGAP006373-PA	-	116	3.49E-13	2	1810.628	1.46	Head	2L:-:30569396-30569349	exon=> In CDS Exon 3 of transcript AGAP006373-PA
JHU_Ag_88814	AVHQQSEGHK	AGAP006373-PA	-	42	0.000868034	2	1120.549	-0.06	Ovary	2L:-:30567937-30567908	exon=> In CDS Exon 5 of transcript AGAP006373-PA
JHU_Ag_108931	TVTDGNSTANTNDTTSTPK	AGAP006373-PA	-	112	6.14E-11	1	1924.877	1.9	Head	2L:-:30567170-30567114	exon=> In CDS Exon 6 of transcript AGAP006373-PA
JHU_Ag_109919	DVQDDAEEEDDDK	AGAP006373-PA	-	86	3.06E-09	1	1522.569	1.78	Head	2L:-:30566828-30566790	exon=> In CDS Exon 6 of transcript AGAP006373-PA
JHU_Ag_111375	VDDICEPGVAGETPTR	AGAP006373-PA	C5(Carbamidomethyl)	99	1.60E-09	2	1715.791	0.14	Head	2L:-:30567682-30567635	exon=> In CDS Exon 5 of transcript AGAP006373-PA
JHU_Ag_110415	ENQIALR	AGAP006376-PA,AGAP006376-PB	-	40	0.001003381	2	843.470	2.43	Malpighian tubule	2L:+:30826482-30826502;2L:+:30826482-30826502	exon=> In CDS Exon 4 of transcript AGAP006376-PA;exon=> In CDS Exon 4 of transcript AGAP006376-PB
JHU_Ag_53692	VVLLDEPTSGMDPSAR	AGAP006379-PA,AGAP006380-PA	M11(Oxidation)	80	1.64E-07	2	1702.831	-0.22	Midgut	2L:-:30929444-30929397;2L:-:30938261-30938214	exon=> In CDS Exon 6 of transcript AGAP006379-PA;exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_107715	KLSTALALLGNPSVVYLDEPTTGMDPGAK	AGAP006379-PA,AGAP006380-PA	M24(Oxidation)	34	0.003564577	3	2974.540	-1.61	Midgut	2L:-:30926811-30926725;2L:-:30935648-30935562	exon=> In CDS Exon 9 of transcript AGAP006379-PA;exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_37	ALWNLLQK	AGAP006380-PA	-	50	8.37E-05	1	985.584	1.2	Midgut	2L:-:30938210-30938187	exon=> In CDS Exon 2 of transcript AGAP006380-PA

JHU_Ag_675	AGSDSFDETGTHTNGTVVETGSSEYALDR	AGAP006380-PA	N14(Deamidated)	118	1.04E-11	1	3004.291	-0.75	Midgut	2L:-:30937735-30937736,30937243-30937582	exon=> In CDS Exon 4 and 3 of transcript AGAP006380-PA
JHU_Ag_14582	DTLFQANGSTESR	AGAP006380-PA	N7(Deamidated)	64	4.38E-06	2	1426.647	1.65	Midgut	2L:-:30938789-30938751	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_22930	AAVDGLNLR	AGAP006380-PA	-	53	3.59E-05	2	928.521	-0.4	Midgut	2L:-:30938675-30938649	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_22954	YIEQDPAGYAGVEIK	AGAP006380-PA	-	128	3.01E-12	2	1652.811	-3.61	Midgut	2L:-:30938750-30938706	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_27040	NVSYILAEELNFTK	AGAP006380-PA	-	106	3.65E-10	1	1640.855	1.04	Midgut	2L:-:30935735-30935694	exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_31297	DLPALEITIDSYEK	AGAP006380-PA	-	72	1.06E-06	2	1606.822	0.6	Midgut	2L:-:30937410-30937369	exon=> In CDS Exon 4 of transcript AGAP006380-PA
JHU_Ag_38351	GVPTEAVSGEIDR	AGAP006380-PA	-	103	6.22E-10	2	1329.663	-1.44	Midgut	2L:-:30938411-30938373	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_38397	RLPGVDLPTVHVQR	AGAP006380-PA	-	59	4.39E-06	1	1586.914	0.59	Midgut	2L:-:30939679-30939638	exon=> In CDS Exon 1 of transcript AGAP006380-PA
JHU_Ag_39941	TMLLSTHFMDEADVLGDR	AGAP006380-PA	M2(Oxidation), M9(Oxidation)	45	0.000355165	1	2082.948	0.26	Midgut	2L:-:30938171-30938118	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_42385	NDLLEAVVQEAVR	AGAP006380-PA	-	99	1.26E-09	1	1455.783	2.14	Midgut	2L:-:30940078-30940040	exon=> In CDS Exon 1 of transcript AGAP006380-PA
JHU_Ag_48261	TTTMSMLTGVFAPTSGTALINGHDIR	AGAP006380-PA	M4(Oxidation), M6(Oxidation)	67	2.62E-06	1	2724.333	-0.08	Midgut	2L:-:30938597-30938520	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_61996	MMTGDEEISSGNAWVK	AGAP006380-PA	M1(Oxidation), M2(Oxidation)	46	0.000166295	1	1786.764	0.78	Midgut	2L:-:30935930-30935883	exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_66031	RLPGVDLPTVHVQR	AGAP006380-PA	-	31	0.00219866	1	1586.918	3.13	Malpighian tubule	2L:-:30939679-30939638	exon=> In CDS Exon 1 of transcript AGAP006380-PA
JHU_Ag_71241	LTYASFADAR	AGAP006380-PA	-	60	1.27E-05	2	1114.552	-0.45	Midgut	2L:-:30940009-30939980	exon=> In CDS Exon 1 of transcript AGAP006380-PA
JHU_Ag_72316	LLELTDKR	AGAP006380-PA	-	39	0.001138771	1	987.583	-0.32	Midgut	2L:-:30938363-30938340	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_75853	LRNPLLDDGGSPSYYSEGFLGIQGAISR	AGAP006380-PA	-	92	7.15E-09	1	2982.500	1.51	Midgut	2L:-:30939778-30939695	exon=> In CDS Exon 1 of transcript AGAP006380-PA
JHU_Ag_81987	LLGILRK	AGAP006380-PA	-	19	0.009647592	1	812.560	-14.1	Midgut	2L:-:30937997-30937977	exon=> In CDS Exon 2 of transcript AGAP006380-PA
JHU_Ag_95566	LPGVDLPTVHVQR	AGAP006380-PA	-	75	2.28E-07	1	1430.810	-0.97	Midgut	2L:-:30939676-30939638	exon=> In CDS Exon 1 of transcript AGAP006380-PA
JHU_Ag_99179	SGAPYVGWFNNK	AGAP006380-PA	-	38	0.00201132	2	1339.643	0.17	Midgut	2L:-:30937112-30937077	exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_102196	ELLFNQIQAQLLK	AGAP006380-PA	-	96	1.17E-09	1	1557.901	0.77	Midgut	2L:-:30937560-30937522	exon=> In CDS Exon 4 of transcript AGAP006380-PA
JHU_Ag_106422	GSASPAGPQGTVGSEQDSDVLEEK	AGAP006380-PA	-	113	5.85E-11	2	2345.072	-0.95	Midgut	2L:-:30936179-30936108	exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_111698	VEAFQNMFTDR	AGAP006380-PA	M7(Oxidation)	40	0.000686711	2	1373.612	-2.91	Midgut	2L:-:30937326-30937294	exon=> In CDS Exon 4 of transcript AGAP006380-PA
JHU_Ag_116678	TDIDGHNLLLR	AGAP006380-PA	-	44	0.000470273	2	1266.679	-0.79	Midgut	2L:-:30936083-30936051	exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_113270	GALVEVLK	AGAP006382-PA	-	34	0.003041432	2	828.528	11.18	Pupa	2L:+:31011315-31011338	exon=> In CDS Exon 5 of transcript AGAP006382-PA
JHU_Ag_2080	LADDAGLVLSK	AGAP006383-PA	-	91	1.13E-08	2	1101.612	-2.37	Pupa	2L:-:31020247-31020215	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_4898	AFEASDVQLEFVRIDPFVR	AGAP006383-PA	-	47	0.0001896	1	2238.164	3.67	Malpighian tubule	2L:-:31019434-31019378	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_7028	ELASECGFEVDEEK	AGAP006383-PA	C6(Carbamidomethyl)	78	7.84E-08	1	1641.692	-1.61	Midgut	2L:-:31020061-31020020	exon=> In CDS Exon 1 of transcript AGAP006383-PA

JHU_Ag_7929	ENPLVLQLLTADSSAYSYVPDAPIKEYPHAVGK	AGAP006383-PA	-	61	8.45E-06	1	3585.827	-5.82	Midgut	2L:-:31019857-31019759	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_13233	FLIPDVYGVYQFK	AGAP006383-PA	-	35	0.004084179	2	1588.846	3.43	Pupa	2L:-:31019335-31019297	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_14577	FLIPDVYGVYQFK	AGAP006383-PA	-	77	2.68E-07	1	1588.843	1.27	Salivary gland	2L:-:31019335-31019297	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_15157	IGYTHLYSTTQVSVRPLTHTQYER	AGAP006383-PA	-	92	7.30E-09	1	2850.452	-0.45	Salivary gland	2L:-:31019281-31019210	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_19767	IGYTHLYSTTQVSVRPLTHTQYER	AGAP006383-PA	-	118	1.91E-11	1	2850.450	-1.15	Midgut	2L:-:31019281-31019210	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_20112	FLIPDVYGVYQFK	AGAP006383-PA	-	55	4.03E-05	1	1588.845	2.58	Malpighian tubule	2L:-:31019335-31019297	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_23690	ENPLVLQLLTADSSAYSYVPDAPIKEYPHAVGK	AGAP006383-PA	-	87	1.30E-08	1	3585.861	3.8	Head	2L:-:31019857-31019759	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_23945	GTLLIAALQAR	AGAP006383-PA	-	66	5.42E-07	2	1126.696	1.35	Pupa	2L:-:31019758-31019726	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_25361	AGVAPLLYR	AGAP006383-PA	-	66	1.65E-06	1	959.568	0.62	Malpighian tubule	2L:-:31019908-31019882	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_25378	ETHSIFFK	AGAP006383-PA	-	41	0.001239567	1	1008.513	-2	Head	2L:-:31020307-31020284	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_25643	AGVAPLLYR	AGAP006383-PA	-	57	1.52E-05	2	959.567	-0.2	Midgut	2L:-:31019908-31019882	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_29150	LADDAGLVLSK	AGAP006383-PA	-	71	1.28E-06	1	1101.617	2.07	Malpighian tubule	2L:-:31020247-31020215	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_30931	FLIPDVYGVYQFK	AGAP006383-PA	-	60	1.22E-05	1	1588.848	4.35	Ovary	2L:-:31019335-31019297	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_32031	FLIPDVYGVYQFK	AGAP006383-PA	-	66	3.39E-06	1	1588.843	1.2	Male reproductive organs	2L:-:31019335-31019297	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_35222	SGNQDVAMAISK	AGAP006383-PA	M8(Oxidation)	56	3.56E-05	2	1236.588	-0.82	Male reproductive organs	2L:-:31019620-31019585	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_36632	LADDAGLVLSK	AGAP006383-PA	-	64	5.63E-06	2	1101.614	-0.59	Male reproductive organs	2L:-:31020247-31020215	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_37792	AFEASDVQLEFVR	AGAP006383-PA	-	68	2.34E-06	2	1510.753	-0.32	Male reproductive organs	2L:-:31019434-31019396	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_39177	WVFGENGVIR	AGAP006383-PA	-	52	8.56E-05	1	1176.624	6.58	Salivary gland	2L:-:31019584-31019555	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_42403	GTLLIAALQAR	AGAP006383-PA	-	73	1.24E-07	2	1126.694	-0.06	Male reproductive organs	2L:-:31019758-31019726	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_45428	SGNQDVAMAISK	AGAP006383-PA	M8(Oxidation)	65	4.46E-06	2	1236.588	-0.52	Pupa	2L:-:31019620-31019585	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_48019	LADDAGLVLSK	AGAP006383-PA	-	60	1.29E-05	2	1101.618	2.95	Ovary	2L:-:31020247-31020215	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_49132	AFEASDVQLEFVR	AGAP006383-PA	-	103	6.98E-10	2	1510.752	-1.37	Midgut	2L:-:31019434-31019396	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_51216	AFEASDVQLEFVR	AGAP006383-PA	-	45	0.000478484	2	1510.757	2.34	Malpighian tubule	2L:-:31019434-31019396	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_52710	GTLLIAALQAR	AGAP006383-PA	-	73	1.21E-07	2	1126.695	0.26	Midgut	2L:-:31019758-31019726	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_54555	TTLVPVGGGRYEAR	AGAP006383-PA	-	40	0.001194985	1	1475.798	0.9	Malpighian tubule	2L:-:31019377-31019336	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_55444	ELASECGFEVDEEK	AGAP006383-PA	C6(Carbamidomethyl)	103	2.75E-10	2	1641.697	1.29	Ovary	2L:-:31020061-31020020	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_56491	SGNQDVAMAISK	AGAP006383-PA	M8(Oxidation)	78	2.13E-07	1	1236.589	-0.03	Midgut	2L:-:31019620-31019585	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_59102	ELASECGFEVDEEK	AGAP006383-PA	C6(Carbamidomethyl)	71	3.88E-07	1	1641.696	0.85	Head	2L:-:31020061-31020020	exon=> In CDS Exon 1 of transcript AGAP006383-PA

JHU_Ag_68664	AGVAPLLYR	AGAP006383-PA	-	64	2.59E-06	1	959.569	1.7	Male reproductive organs	2L:-:31019908-31019882	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_74374	AGVAPLLYR	AGAP006383-PA	-	77	1.39E-07	2	959.569	1.58	Salivary gland	2L:-:31019908-31019882	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_74812	IGYTHLYSTTQVSVRPLTHTQYER	AGAP006383-PA	-	99	1.31E-09	1	2850.467	4.74	Ovary	2L:-:31019281-31019210	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_79215	AAVIDHLNYDVSDAGDHTTIVASPDNLIDASIIVGDR	AGAP006383-PA	-	113	4.40E-11	1	3862.913	0.83	Salivary gland	2L:-:31020019-31019909	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_83675	GTLLIAALQAR	AGAP006383-PA	-	63	1.17E-06	2	1126.698	3.3	Malpighian tubule	2L:-:31019758-31019726	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_84843	LADDAGLVLSK	AGAP006383-PA	-	76	3.60E-07	2	1101.615	-0.26	Midgut	2L:-:31020247-31020215	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_86453	ELASECGFEVDEEK	AGAP006383-PA	C6(Carbamidomethyl)	110	5.65E-11	2	1641.696	0.4	Salivary gland	2L:-:31020061-31020020	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_87714	GTGLLADRENPLVLQLLTADSSAYSYVPDAPIK	AGAP006383-PA	-	93	2.34E-09	1	3487.832	0.13	Salivary gland	2L:-:31019881-31019783	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_90417	GTLLIAALQAR	AGAP006383-PA	-	73	1.16E-07	2	1126.695	0.26	Salivary gland	2L:-:31019758-31019726	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_94206	FLIPDVYGVYQFK	AGAP006383-PA	-	70	1.33E-06	2	1588.836	-3.26	Midgut	2L:-:31019335-31019297	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_94235	AGVAPLLYR	AGAP006383-PA	-	48	0.000118 22	2	959.567	-0.33	Pupa	2L:-:31019908-31019882	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_96638	SGNQDVAMAISK	AGAP006383-PA	-	69	1.91E-06	1	1220.596	1.21	Malpighian tubule	2L:-:31019620-31019585	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_97225	FLIPDVYGVYQFK	AGAP006383-PA	-	44	0.000588 643	1	1588.843	1.2	Head	2L:-:31019335-31019297	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_99906	LADDAGLVLSK	AGAP006383-PA	-	85	4.14E-08	1	1101.612	-2.48	Salivary gland	2L:-:31020247-31020215	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_100466	ENPLVLQLLTADSSAYSYVPDAPIKEYPHAVGK	AGAP006383-PA	-	165	2.13E-16	1	3585.867	5.41	Salivary gland	2L:-:31019857-31019759	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_102343	AGVAPLLYR	AGAP006383-PA	-	59	9.44E-06	1	959.570	2.72	Ovary	2L:-:31019908-31019882	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_102354	WVFGENGVIR	AGAP006383-PA	-	40	0.001286 986	1	1176.619	2.85	Ovary	2L:-:31019584-31019555	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_110723	GTLLIAALQAR	AGAP006383-PA	-	68	3.45E-07	2	1126.698	2.97	Ovary	2L:-:31019758-31019726	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_113327	WVFGENGVIR	AGAP006383-PA	N6(Deamidated)	54	7.28E-05	2	1177.601	0.35	Midgut	2L:-:31019584-31019555	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_114761	SGNQDVAMAISK	AGAP006383-PA	M8(Oxidation)	79	2.08E-07	1	1236.594	4.32	Salivary gland	2L:-:31019620-31019585	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_115788	AFEASDVQLEFVR	AGAP006383-PA	-	74	5.79E-07	1	1510.755	1.05	Pupa	2L:-:31019434-31019396	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_116444	AFEASDVQLEFVR	AGAP006383-PA	-	113	7.56E-11	1	1510.758	3.07	Salivary gland	2L:-:31019434-31019396	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_117730	AFEASDVQLEFVR	AGAP006383-PA	-	94	5.68E-09	2	1510.760	4.04	Ovary	2L:-:31019434-31019396	exon=> In CDS Exon 1 of transcript AGAP006383-PA
JHU_Ag_25365	QLLELK	AGAP006384-PA	Q1(Deamidated)	41	0.000687 081	1	744.459	11.69	Male reproductive organs	2L:+:31024168-31024185	exon=> In CDS Exon 6 of transcript AGAP006384-PA
JHU_Ag_90566	QLLELK	AGAP006384-PA	Q1(Deamidated)	41	0.000393 694	1	744.450	-0.36	Head	2L:+:31024168-31024185	exon=> In CDS Exon 6 of transcript AGAP006384-PA
JHU_Ag_4256	LPTGDEDFAGR	AGAP006385-PA	-	69	1.72E-06	1	1177.549	0.14	Pupa	2L:-:31027034-31027002	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_15830	TLVGVVSFGHAQGCDK	AGAP006385-PA	C14(Carbamidomethyl)	122	9.77E-12	1	1674.830	2.07	Pupa	2L:-:31026785-31026738	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_28619	KSTLCAVGEELR	AGAP006385-PA	C5(Carbamidomethyl)	59	2.05E-05	2	1362.703	-1.35	Midgut	2L:-:31026872-31026837	exon=> In CDS Exon 1 of transcript AGAP006385-PA

JHU_Ag_32108	VQPVRLPTGDEDFAGR	AGAP006385-PA	-	77	2.63E-07	1	1756.904	3.81	Pupa	2L:-:31027049-31027002	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_38853	YNPLFVANDVALVK	AGAP006385-PA	N8(Deamidated)	102	4.93E-10	2	1562.862	2.62	Pupa	2L:-:31027121-31027080	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_39474	TLVGVVSFGHAQGCDK	AGAP006385-PA	C14(Carbamidomethyl)	61	1.31E-05	1	1674.821	-3.29	Midgut	2L:-:31026785-31026738	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_55418	LPSKVEFSER	AGAP006385-PA	-	50	0.000135746	2	1191.635	-1.32	Pupa	2L:-:31027079-31027050	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_56196	SPCNGDSGGPLVLAEDK	AGAP006385-PA	C3(Carbamidomethyl), N4(Deamidated),C3(Carbamidomethyl)	43	0.000676878	2	1716.782	4.4	Midgut	2L:-:31026836-31026786	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_64348	SPCNGDSGGPLVLAEDK	AGAP006385-PA	C3(Carbamidomethyl), N4(Deamidated),C3(Carbamidomethyl)	129	1.60E-12	2	1716.778	1.77	Pupa	2L:-:31026836-31026786	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_71292	YNPLFVANDVALVK	AGAP006385-PA	-	81	7.35E-08	2	1562.856	-0.82	Midgut	2L:-:31027121-31027080	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_77646	LVLESTEFFK	AGAP006385-PA	-	54	3.54E-05	1	1212.654	2.12	Pupa	2L:-:31027160-31027131	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_83928	STLCAVGEELR	AGAP006385-PA	C4(Carbamidomethyl)	61	1.33E-05	1	1234.612	1.67	Pupa	2L:-:31026869-31026837	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_91548	LVLESTEFFK	AGAP006385-PA	-	57	1.65E-05	2	1212.649	-1.47	Midgut	2L:-:31027160-31027131	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_101643	KSTLCAVGEELR	AGAP006385-PA	C5(Carbamidomethyl)	69	2.25E-06	2	1362.706	1.07	Pupa	2L:-:31026872-31026837	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_117231	SVEVHLGAVDFSDNTNDGR	AGAP006385-PA	-	100	1.39E-09	1	2031.937	0.28	Pupa	2L:-:31027217-31027161	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_117799	STLCAVGEELR	AGAP006385-PA	C4(Carbamidomethyl)	39	0.002408771	2	1234.609	-0.6	Midgut	2L:-:31026869-31026837	exon=> In CDS Exon 1 of transcript AGAP006385-PA
JHU_Ag_4327	QVAANFSEVFK	AGAP006388-PA	Q1(Deamidated), N5(Deamidated)	37	0.002486816	1	1241.617	9.44	Head	2L:+:31047145-31047177	exon=> In CDS Exon 2 of transcript AGAP006388-PA
JHU_Ag_45144	QVAANFSEVFK	AGAP006388-PA	Q1(Deamidated), N5(Deamidated)	39	0.001447139	1	1241.620	12.39	Ovary	2L:+:31047145-31047177	exon=> In CDS Exon 2 of transcript AGAP006388-PA
JHU_Ag_64761	MSLEVTK	AGAP006388-PA	M1(Oxidation)	35	0.00345473	2	823.434	13.04	Head	2L:+:31046500-31046520	exon=> In CDS Exon 2 of transcript AGAP006388-PA
JHU_Ag_88443	EMNQLSGGQK	AGAP006388-PA	M2(Oxidation), Q4(Deamidated), Q9(Deamidated)	35	0.002280664	1	1109.491	12.14	Pupa	2L:+:31047328-31047357	exon=> In CDS Exon 2 of transcript AGAP006388-PA
JHU_Ag_97755	LQDDLK	AGAP006388-PA,AGAP007336-PA	Q2(Deamidated)	40	0.002926333	1	732.381	4.74	Larva	2L:+:31045291-31045308;2L:+:45696519-45696536	exon=> In CDS Exon 2 of transcript AGAP006388-PA;exon=> In CDS Exon 5 of transcript AGAP007336-PA
JHU_Ag_20693	TEALEQAQILK	AGAP006391-PA	-	50	0.000120778	2	1243.690	0.16	Male reproductive organs	2L:+:31053008-31053040	exon=> In CDS Exon 1 of transcript AGAP006391-PA
JHU_Ag_22460	TEALEQAQILK	AGAP006391-PA	-	76	2.70E-07	2	1243.691	1.53	Head	2L:+:31053008-31053040	exon=> In CDS Exon 1 of transcript AGAP006391-PA
JHU_Ag_35567	EFNTSLAAIR	AGAP006391-PA	-	44	0.000534166	2	1121.594	-0.86	Head	2L:+:31052312-31052341	exon=> In CDS Exon 1 of transcript AGAP006391-PA
JHU_Ag_63798	DYAVQGVFFR	AGAP006391-PA	-	32	0.008463284	2	1201.603	2.69	Head	2L:+:31052450-31052479	exon=> In CDS Exon 1 of transcript AGAP006391-PA
JHU_Ag_82639	AAANAALAR	AGAP006391-PA	N4(Deamidated)	42	0.00077181	2	829.453	0.57	Malpighian tubule	2L:+:31052264-31052290	exon=> In CDS Exon 1 of transcript AGAP006391-PA
JHU_Ag_98803	NLQVLLPSQVK	AGAP006391-PA	-	51	1.15E-05	1	1238.749	2.17	Ovary	2L:+:31052906-31052938	exon=> In CDS Exon 1 of transcript AGAP006391-PA
JHU_Ag_114443	IKEFLYEQLAADR	AGAP006391-PA	-	65	3.25E-06	2	1595.842	-0.71	Salivary gland	2L:+:31052531-31052569	exon=> In CDS Exon 1 of transcript AGAP006391-PA
JHU_Ag_44768	DLEVEYPVQGPR	AGAP006394-PA	-	42	0.001001963	2	1401.699	-1.62	Midgut	2L:-:31061363-31061328	exon=> In CDS Exon 1 of transcript AGAP006394-PA

JHU_Ag_7014	AHYMGSLTPGK	AGAP006398-PA	M4(Oxidation)	52	0.000104597	1	1177.568	0.41	Malpighian tubule	2L:+:31085592-31085624	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_7906	IHPSHQTLYIPYGGSEIPIKNYEVLIEH	AGAP006398-PA	-	88	1.07E-08	1	3247.693	4.25	Malpighian tubule	2L:+:31085625-31085708	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_7976	THHEGSLTPGKIHR	AGAP006398-PA	-	112	7.34E-11	1	1569.825	0.53	Malpighian tubule	2L:+:31085090-31085131	exon=> In CDS Exon 3 of transcript AGAP006398-PA
JHU_Ag_11173	TYHEGDQLPAK	AGAP006398-PA	-	49	0.000145474	1	1258.609	2.5	Malpighian tubule	2L:+:31085379-31085411	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_11553	SNWQHCSAHAPMPPNAVLAGNDSDGSPIYVGR	AGAP006398-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	129	1.59E-12	1	3405.562	3.98	Malpighian tubule	2L:+:31085213-31085213,31085284-31085378	exon=> In CDS Exon 3 and 4 of transcript AGAP006398-PA
JHU_Ag_11687	AHYMGSLTPGK	AGAP006398-PA	M4(Oxidation)	66	4.37E-06	1	1161.568	-3.22	Midgut	2L:+:31085592-31085624	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_12864	HSFEVLTGGQVSWVPSGFGSVPPNAVFGGR	AGAP006398-PA	-	103	5.84E-10	1	3072.528	-1.54	Midgut	2L:+:31085469-31085558	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_17022	AYHEGDQLPAK	AGAP006398-PA	-	79	1.51E-07	1	1228.594	-1.57	Midgut	2L:+:31084804-31084836	exon=> In CDS Exon 2 of transcript AGAP006398-PA
JHU_Ag_19488	QAAYVSHNGMEIFK	AGAP006398-PA	N8(Deamidated),"N8(Deamidated),M10(Oxidation)"	73	8.07E-07	1	1595.752	-0.2	Midgut	2L:+:31084852-31084893	exon=> In CDS Exon 2 of transcript AGAP006398-PA
JHU_Ag_23686	TSSGEALYIGR	AGAP006398-PA	-	105	3.71E-10	2	1153.585	0.48	Midgut	2L:+:31085559-31085591	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_30199	QIAYVCHNGQEIPK	AGAP006398-PA	C6(Carbamidomethyl),N8(Deamidated)	73	7.72E-07	1	1657.806	3.18	Malpighian tubule	2L:+:31085427-31085468	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_36381	AYHEGDQLPAK	AGAP006398-PA	-	68	1.67E-06	1	1228.596	0.52	Malpighian tubule	2L:+:31084804-31084836	exon=> In CDS Exon 2 of transcript AGAP006398-PA
JHU_Ag_45594	NYEVLIEH	AGAP006398-PA	-	47	0.000283968	1	1016.508	3.24	Midgut	2L:+:31085685-31085708	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_46527	AYHEGDQLPAKVIPSK	AGAP006398-PA	-	54	4.06E-05	1	1752.926	-1.37	Midgut	2L:+:31084804-31084851	exon=> In CDS Exon 2 of transcript AGAP006398-PA
JHU_Ag_64713	SHGCLYIPFGGAEQSFLSYEVLVGQQR	AGAP006398-PA	C4(Carbamidomethyl)	68	2.57E-06	1	3042.492	4.68	Malpighian tubule	2L:+:31085132-31085212	exon=> In CDS Exon 3 of transcript AGAP006398-PA
JHU_Ag_65112	SNWQHCSAHAPMPPNAVLAGNDSDGSPIYVGR	AGAP006398-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	107	2.21E-10	3	3405.543	-1.83	Midgut	2L:+:31085213-31085213,31085284-31085378	exon=> In CDS Exon 3 and 4 of transcript AGAP006398-PA
JHU_Ag_69560	NYEVLIEH	AGAP006398-PA	-	44	0.000677836	1	1016.514	9.49	Malpighian tubule	2L:+:31085685-31085708	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_71693	IHPSHQTLYIPYGGSEIPIK	AGAP006398-PA	-	44	0.000335013	1	2250.197	2.35	Head	2L:+:31085625-31085684	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_74519	IHPSHQTLYIPYGGSEIPIK	AGAP006398-PA	Q6(Deamidated)	108	1.46E-10	1	2250.188	-1.67	Midgut	2L:+:31085625-31085684	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_75296	SHGCLYIPFGGAEQSFLSYEVLVGQQR	AGAP006398-PA	C4(Carbamidomethyl)	133	8.08E-13	1	3042.476	-0.5	Midgut	2L:+:31085132-31085212	exon=> In CDS Exon 3 of transcript AGAP006398-PA
JHU_Ag_77266	THHEGSLTPGK	AGAP006398-PA	-	48	0.000235 96	3	1163.580	-0.25	Malpighian tubule	2L:+:31085090-31085122	exon=> In CDS Exon 3 of transcript AGAP006398-PA
JHU_Ag_79295	TSSGEALYIGR	AGAP006398-PA	-	84	5.61E-08	2	1153.586	0.69	Malpighian tubule	2L:+:31085559-31085591	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_88106	IHPSHQTLYIPYGGSEIPIKNYEVLIEH	AGAP006398-PA	-	106	1.84E-10	1	3247.680	0.45	Midgut	2L:+:31085625-31085708	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_92514	TYHEGDQLPAK	AGAP006398-PA	Q7(Deamidated)	69	1.53E-06	1	1258.605	-1.09	Midgut	2L:+:31085379-31085411	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_94040	VLPSK	AGAP006398-PA	-	33	0.000635518	1	543.350	-0.23	Midgut	2L:+:31085412-31085426	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_95207	HSFEVLTGGQVSWVPSGFGSVPPNAVFGGR	AGAP006398-PA	-	40	0.001069 43	1	3072.555	7.16	Malpighian tubule	2L:+:31085469-31085558	exon=> In CDS Exon 4 of transcript AGAP006398-PA

JHU_Ag_99635	TYHEGDQLPAKVLPSK	AGAP006398-PA	-	33	0.005204664	1	1782.941	1.62	Malpighian tubule	2L:+:31085379-31085426	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_100962	IHPSHQTLYIPYGGSEIPIK	AGAP006398-PA	-	83	4.18E-08	1	2250.195	1.25	Malpighian tubule	2L:+:31085625-31085684	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_104609	QIAYVCHNGQEIPK	AGAP006398-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), N8(Deamidated)"	93	6.70E-09	1	1657.806	3.4	Midgut	2L:+:31085427-31085468	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_112676	AHYMGSLTPGK	AGAP006398-PA	M4(Oxidation)	44	0.000629993	2	1177.570	2.49	Larva	2L:+:31085592-31085624	exon=> In CDS Exon 4 of transcript AGAP006398-PA
JHU_Ag_114913	AYHEGDQLPAK	AGAP006398-PA	-	43	0.000627921	1	1228.596	0.02	Salivary gland	2L:+:31084804-31084836	exon=> In CDS Exon 2 of transcript AGAP006398-PA
JHU_Ag_115836	THHEGSLTPGK	AGAP006398-PA	-	60	1.45E-05	1	1163.579	-0.8	Midgut	2L:+:31085090-31085122	exon=> In CDS Exon 3 of transcript AGAP006398-PA
JHU_Ag_6310	SNLGTVAMDPTVR	AGAP006400-PA	M8(Oxidation)	91	1.72E-08	2	1376.683	-0.64	Midgut	2L:+:31100212-31100250	exon=> In CDS Exon 3 of transcript AGAP006400-PA
JHU_Ag_6500	HMAHELLYEKK	AGAP006400-PA	M2(Oxidation)	74	5.36E-07	1	1414.715	-0.09	Midgut	2L:+:31096178-31096210	exon=> In CDS Exon 1 of transcript AGAP006400-PA
JHU_Ag_16438	KHFLPTVETDPSGQR	AGAP006400-PA	-	62	9.94E-06	1	1711.873	-2.15	Midgut	2L:+:31101720-31101764	exon=> In CDS Exon 5 of transcript AGAP006400-PA
JHU_Ag_16869	SSDLLDTAAGISSADGLPYLGLTYATGP AHSTYYR	AGAP006400-PA	-	70	1.16E-06	1	3604.749	1.2	Midgut	2L:+:31110954-31111058	exon=> In CDS Exon 6 of transcript AGAP006400-PA
JHU_Ag_23128	VTSGSNAALYANSPDSR	AGAP006400-PA	-	131	1.11E-12	2	1709.808	-0.63	Midgut	2L:+:31101439-31101489	exon=> In CDS Exon 4 of transcript AGAP006400-PA
JHU_Ag_24441	LDPMEVLQSVPNGLER	AGAP006400-PA	M4(Oxidation), N12(Deamidated),M4(Oxidation)	103	6.83E-10	2	1812.910	-3.2	Midgut	2L:+:31111074-31111121	exon=> In CDS Exon 6 of transcript AGAP006400-PA
JHU_Ag_34164	QLASIAK	AGAP006400-PA	-	35	0.003879007	1	730.445	-1.42	Midgut	2L:+:31100281-31100301	exon=> In CDS Exon 3 of transcript AGAP006400-PA
JHU_Ag_35702	VPDSACAGTAFLTGVK	AGAP006400-PA	C6(Carbamidomethyl)	128	2.60E-12	1	1593.790	-2.51	Midgut	2L:+:31100164-31100211	exon=> In CDS Exon 3 of transcript AGAP006400-PA
JHU_Ag_44809	HFLPTVETDPSGQR	AGAP006400-PA	-	85	4.86E-08	1	1583.780	-1.01	Midgut	2L:+:31101723-31101764	exon=> In CDS Exon 5 of transcript AGAP006400-PA
JHU_Ag_45718	HMAHELLYEK	AGAP006400-PA	M2(Oxidation)	92	8.91E-09	1	1286.619	-0.5	Midgut	2L:+:31096178-31096207	exon=> In CDS Exon 1 of transcript AGAP006400-PA
JHU_Ag_50947	EHTNGFLLFVEDGNIR	AGAP006400-PA	N4(Deamidated)	106	4.83E-10	2	1861.904	-2.35	Midgut	2L:+:31110744-31110791	exon=> In CDS Exon 6 of transcript AGAP006400-PA
JHU_Ag_51396	WENDADVGAGGCNTATVPDIAHQLI HGDIGK	AGAP006400-PA	C12(Carbamidomethyl)	110	1.15E-10	1	3231.510	-0.75	Midgut	2L:+:31101490-31101582	exon=> In CDS Exon 4 of transcript AGAP006400-PA
JHU_Ag_54745	NLINEWK	AGAP006400-PA	-	37	0.003336293	1	916.488	-0.56	Midgut	2L:+:31101786-31101806	exon=> In CDS Exon 5 of transcript AGAP006400-PA
JHU_Ag_59551	MVHYSLEMLQK	AGAP006400-PA	M8(Oxidation),"M1(Oxidation), M8(Oxidation)",M1(Oxidation)	96	4.28E-09	1	1378.686	0.29	Midgut	2L:+:31110708-31110740	exon=> In CDS Exon 6 of transcript AGAP006400-PA
JHU_Ag_61660	TYCVDSR	AGAP006400-PA	C3(Carbamidomethyl)	37	0.00063872	2	900.388	0.17	Midgut	2L:+:31100143-31100163	exon=> In CDS Exon 3 of transcript AGAP006400-PA
JHU_Ag_64662	KEHTNGFLLFVEDGNIR	AGAP006400-PA	N5(Deamidated)	60	1.60E-05	1	1990.001	-0.79	Midgut	2L:+:31110741-31110791	exon=> In CDS Exon 6 of transcript AGAP006400-PA
JHU_Ag_68650	RGECAMDPAK	AGAP006400-PA	C4(Carbamidomethyl)	36	0.002035455	1	1134.503	-0.44	Midgut	2L:+:31100251-31100280	exon=> In CDS Exon 3 of transcript AGAP006400-PA
JHU_Ag_69910	KAFDQVR	AGAP006400-PA	-	48	0.000203975	2	863.473	-0.19	Midgut	2L:+:31110819-31110839	exon=> In CDS Exon 6 of transcript AGAP006400-PA
JHU_Ag_75659	AVGFATTSR	AGAP006400-PA	-	52	7.64E-05	2	909.479	0.3	Midgut	2L:+:31100323-31100329,31101419-31101438	exon=> In CDS Exon 3 and 4 of transcript AGAP006400-PA

JHU_Ag_83796	NIMVFVGAGMSQTTVTGAR	AGAP006400-PA	M10(Oxidation)	108	2.59E-10	1	1955.967	-0.45	Midgut	2L:+:31097977-31098033	exon=> In CDS Exon 2 of transcript AGAP006400-PA
JHU_Ag_93236	VTSGSNAALYANSPDSR	AGAP006400-PA	-	63	8.20E-06	2	1709.809	0.16	Pupa	2L:+:31101439-31101489	exon=> In CDS Exon 4 of transcript AGAP006400-PA
JHU_Ag_105872	VPDSACAGTAFLTGVK	AGAP006400-PA	C6(Carbamidomethyl)	48	0.000255586	2	1593.797	1.78	Pupa	2L:+:31100164-31100211	exon=> In CDS Exon 3 of transcript AGAP006400-PA
JHU_Ag_22962	VAVEQKVAVEQK	AGAP006402-PA	-	28	0.009370736	1	1327.773	11.51	Malpighian tubule	2L:-:31159004-31158969	exon=> In CDS Exon 5 of transcript AGAP006402-PA
JHU_Ag_98643	VAVEQKVAVEQK	AGAP006402-PA	-	28	0.010551302	1	1327.777	14.07	Midgut	2L:-:31159004-31158969	exon=> In CDS Exon 5 of transcript AGAP006402-PA
JHU_Ag_112829	VAVEQKVAVEQK	AGAP006402-PA	-	28	0.009370736	1	1327.774	12.27	Ovary	2L:-:31159004-31158969	exon=> In CDS Exon 5 of transcript AGAP006402-PA
JHU_Ag_117099	FALNSLLALLR	AGAP006404-PA	-	70	1.04E-07	2	1230.759	1.35	Ovary	2L:-:31393131-31393099	exon=> In CDS Exon 2 of transcript AGAP006404-PA
JHU_Ag_37911	WMALETLEK	AGAP006405-PA	-	40	0.00194568	1	1120.566	-4.29	Salivary gland	2L:-:31411271-31411245	exon=> In CDS Exon 10 of transcript AGAP006405-PA
JHU_Ag_61166	DVLIK	AGAP006405-PA,AGAP003343-PA,AGAP003921-PA	-	39	0.000844096	1	587.377	1.6	Salivary gland	2L:-:31415688-31415674;2R:+:36314806-36314820;2R:-:46276999-46276985	exon=> In CDS Exon 7 of transcript AGAP006405-PA;exon=> In CDS Exon 2 of transcript AGAP003343-PA;exon=> In CDS Exon 6 of transcript AGAP003921-PA
JHU_Ag_37815	NFAFK	AGAP006407-PA	-	34	0.002298884	1	626.329	-1.74	Head	2L:+:31564288-31564302	exon=> In CDS Exon 1 of transcript AGAP006407-PA
JHU_Ag_38229	NFAFK	AGAP006407-PA	-	31	0.005158423	1	626.332	3.53	Larva	2L:+:31564288-31564302	exon=> In CDS Exon 1 of transcript AGAP006407-PA
JHU_Ag_85112	NFAFK	AGAP006407-PA	-	39	0.000797108	1	626.331	2.06	Midgut	2L:+:31564288-31564302	exon=> In CDS Exon 1 of transcript AGAP006407-PA
JHU_Ag_75948	VVVHETHHTGGPPPLDLTR	AGAP006410-PA	-	117	1.94E-11	1	2062.078	-2.43	Head	2L:+:31576464-31576520	exon=> In CDS Exon 5 of transcript AGAP006410-PA
JHU_Ag_63080	LGQTNQGAPPTEVVISK	AGAP006410-PA,AGAP006410-PB	-	99	1.26E-09	1	1738.937	2.2	Head	2L:+:31576062-31576097,31576156-31576170;2L:+:31576062-31576097,31576156-31576170	exon=> In CDS Exon 3 and 4 of transcript AGAP006410-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP006410-PB
JHU_Ag_93695	APAPQPAPEHSFR	AGAP006410-PA,AGAP006410-PB	-	71	1.49E-06	1	1404.703	0.44	Head	2L:+:31576249-31576287;2L:+:31576249-31576287	exon=> In CDS Exon 4 of transcript AGAP006410-PA;exon=> In CDS Exon 4 of transcript AGAP006410-PB
JHU_Ag_2071	DGNPLIDRDNHAQLVEEMR	AGAP006414-PA	-	145	5.26E-14	1	2222.059	-1.42	Midgut	2L:-:31610473-31610417	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_12905	EPGVMGYNEFCEK	AGAP006414-PA	C11(Carbamidomethyl),"M5(Oxidation),C11(Carbamidomethyl)"	69	5.22E-07	1	1559.650	-0.32	Midgut	2L:-:31609963-31609925	exon=> In CDS Exon 3 of transcript AGAP006414-PA
JHU_Ag_15097	YPLMHEIR	AGAP006414-PA	-	48	0.000262733	2	1058.545	0.24	Midgut	2L:-:31609667-31609644	exon=> In CDS Exon 4 of transcript AGAP006414-PA
JHU_Ag_19144	NNQWLGYDDLR	AGAP006414-PA	N1(Deamidated),N2(Deamidated)	79	1.50E-07	2	1393.648	-0.85	Midgut	2L:-:31609861-31609829	exon=> In CDS Exon 3 of transcript AGAP006414-PA
JHU_Ag_19922	SFTLANAANTQIGAPTVGGGTAGPYTR	AGAP006414-PA	-	131	1.11E-12	2	2593.301	0.08	Midgut	2L:-:31610044-31609964	exon=> In CDS Exon 3 of transcript AGAP006414-PA
JHU_Ag_21494	DNHAQLVEEMR	AGAP006414-PA	M10(Oxidation)	72	4.61E-07	1	1357.616	-0.58	Midgut	2L:-:31610449-31610417	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_36284	FISDCVAFCQR	AGAP006414-PA	C5(Carbamidomethyl),C9(Carbamidomethyl)	89	9.47E-09	1	1402.624	-0.32	Midgut	2L:-:31610554-31610522	exon=> In CDS Exon 2 of transcript AGAP006414-PA

JHU_Ag_37260	NVAPGLK	AGAP006414-PA	-	37	0.000828 81	1	698.419	-0.75	Midgut	2L:-:31610656-31610636	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_41112	YGFVPHPTNCAR	AGAP006414-PA	C10(Carbamidomethyl)	30	0.012279 18	1	1418.662	-0.81	Midgut	2L:-:31609409-31609374	exon=> In CDS Exon 4 of transcript AGAP006414-PA
JHU_Ag_49704	HGFDGIDLDWEYPAQR	AGAP006414-PA	-	121	8.68E-12	1	1918.881	4.49	Midgut	2L:-:31610521-31610474	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_51381	VVCYVGTWAVYRPGNGR	AGAP006414-PA	C3(Carbamidomethyl)	56	3.14E-05	1	1953.975	0.05	Midgut	2L:-:31610863-31610813	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_60336	LVLGIPLYGR	AGAP006414-PA	-	46	7.07E-05	2	1100.681	-1.47	Midgut	2L:-:31610074-31610045	exon=> In CDS Exon 3 of transcript AGAP006414-PA
JHU_Ag_64320	KFSAMAASGELR	AGAP006414-PA	M5(Oxidation)	70	1.29E-06	2	1283.641	-0.6	Midgut	2L:-:31610596-31610561	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_80967	WSEEQQVPYAVR	AGAP006414-PA	-	85	5.63E-08	2	1491.721	-1.32	Midgut	2L:-:31609897-31609862	exon=> In CDS Exon 3 of transcript AGAP006414-PA
JHU_Ag_82186	RFVGLK	AGAP006414-PA	-	24	0.004857 275	1	719.456	-0.38	Malpighian tubule	2L:-:31610674-31610657	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_87844	DGNPLIDR	AGAP006414-PA	-	41	0.000717 923	2	899.456	-2.57	Midgut	2L:-:31610473-31610450	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_89899	IIDPYLDLEENWGR	AGAP006414-PA	-	100	1.54E-09	1	1732.855	0.22	Midgut	2L:-:31610728-31610687	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_92742	TLAAIGGWNEGSR	AGAP006414-PA	N9(Deamidated)	91	1.33E-08	2	1331.670	-0.53	Midgut	2L:-:31610635-31610597	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_106811	TLAAIGGWNEGSRK	AGAP006414-PA	-	81	1.04E-07	1	1459.766	0.44	Midgut	2L:-:31610635-31610594	exon=> In CDS Exon 2 of transcript AGAP006414-PA
JHU_Ag_114182	LATEAWDLR	AGAP006414-PA	-	66	5.72E-06	2	1074.558	0.36	Midgut	2L:-:31609924-31609898	exon=> In CDS Exon 3 of transcript AGAP006414-PA
JHU_Ag_4503	YGNFKNDVALLQLQLSLPSSAYIRPIAL R	AGAP006416-PA	-	64	4.34E-07	1	3260.836	6.38	Midgut	2L:+:31634169-31634255	exon=> In CDS Exon 2 of transcript AGAP006416-PA
JHU_Ag_26732	TTSVPAGSEVVISGWGR	AGAP006416-PA	-	61	1.36E-05	2	1702.879	2.04	Malpighian tubule	2L:+:31634256-31634306	exon=> In CDS Exon 2 of transcript AGAP006416-PA
JHU_Ag_29146	GNALTCGGSLIESR	AGAP006416-PA	C6(Carbamidomethyl)	99	2.24E-09	2	1434.699	-1.2	Midgut	2L:+:31633929-31633970	exon=> In CDS Exon 1 of transcript AGAP006416-PA
JHU_Ag_83378	IVGGSVASEGQFPHQVALLR	AGAP006416-PA	-	145	2.06E-14	1	2065.120	0.56	Midgut	2L:+:31633869-31633928	exon=> In CDS Exon 1 of transcript AGAP006416-PA
JHU_Ag_92164	MYQGGPVSNMLR	AGAP006416-PA	M1(Oxidation), M10(Oxidation)	69	1.27E-06	2	1384.635	0.06	Midgut	2L:+:31634307-31634342	exon=> In CDS Exon 2 of transcript AGAP006416-PA
JHU_Ag_97840	TTSVPAGSEVVISGWGR	AGAP006416-PA	-	131	1.31E-12	1	1702.877	0.32	Midgut	2L:+:31634256-31634306	exon=> In CDS Exon 2 of transcript AGAP006416-PA
JHU_Ag_116003	IVGGSVASEGQFPHQVALLR	AGAP006416-PA	-	125	1.80E-12	1	2065.128	4.49	Malpighian tubule	2L:+:31633869-31633928	exon=> In CDS Exon 1 of transcript AGAP006416-PA
JHU_Ag_8460	SPVVVPITASLR	AGAP006417-PA	-	58	2.40E-06	1	1238.747	0.05	Midgut	2L:-:31683980-31683945	exon=> In CDS Exon 2 of transcript AGAP006417-PA
JHU_Ag_8939	RMPTLVWDDELASQAGHNAR	AGAP006417-PA	M2(Oxidation)	132	1.03E-12	1	2267.097	-0.87	Midgut	2L:-:31683866-31683807	exon=> In CDS Exon 2 of transcript AGAP006417-PA
JHU_Ag_26139	SLILDQHNSR	AGAP006417-PA	-	51	9.12E-05	1	1182.622	-0.2	Midgut	2L:-:31683944-31683915	exon=> In CDS Exon 2 of transcript AGAP006417-PA
JHU_Ag_116232	MPTLVWDDELASQAGHNAR	AGAP006417-PA	M1(Oxidation)	131	1.03E-12	1	2110.997	-0.31	Midgut	2L:-:31683863-31683807	exon=> In CDS Exon 2 of transcript AGAP006417-PA
JHU_Ag_21224	NPTLPGLCSETETINPVPNEPKEPK	AGAP006418-PA	C8(Carbamidomethyl)	56	3.05E-05	1	2761.380	3.06	Male reproductive organs	2L:+:31686944-31687018	exon=> In CDS Exon 3 of transcript AGAP006418-PA
JHU_Ag_23754	EEQLNTYPSSYSGPAIGHFTQMASDQS DK	AGAP006418-PA	M22(Oxidation)	131	5.20E-13	1	3204.408	0.38	Male reproductive organs	2L:+:31686638-31686675,31686757-31686805	exon=> In CDS Exon 2 and 3 of transcript AGAP006418-PA

JHU_Ag_42889	NGRPNVGCNPPASPGGPACAGLNPEVK	AGAP006418-PA	N5(Deamidated), C8(Carbamidomethyl), C19(Carbamidomethyl),"C8(Carbamidomethyl), C19(Carbamidomethyl)","N1(Deamidated), C8(Carbamidomethyl), C19(Carbamidomethyl)","C8(Carbamidomethyl), N9(Deamidated), C19(Carbamidomethyl)"	189	1.92E-18	1	2688.265	1.35	Male reproductive organs	2L:+:31686239-31686319	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_52166	TFSPEEQTLILSEHNKR	AGAP006418-PA	-	119	1.54E-11	1	2029.037	0.84	Male reproductive organs	2L:+:31686320-31686370	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_58437	SQLAQGELKPFQPAVR	AGAP006418-PA	-	84	2.90E-08	1	1768.967	-1.88	Salivary gland	2L:+:31686374-31686421	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_65240	RSQLAQGELKPFQPAVR	AGAP006418-PA	-	97	6.39E-10	1	1925.076	2.31	Male reproductive organs	2L:+:31686371-31686421	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_65692	TFSPEEQTLILSEHNK	AGAP006418-PA	-	138	2.57E-13	1	1872.936	1.32	Male reproductive organs	2L:+:31686320-31686367	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_66629	TVSEVISSSIASWWSEHNVTR	AGAP006418-PA	-	117	2.78E-11	2	2375.170	3.27	Male reproductive organs	2L:+:31686575-31686637	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_75595	NGRPNVGCNPPASPGGPACAGLNPEVK	AGAP006418-PA	C8(Carbamidomethyl), C19(Carbamidomethyl)	110	1.52E-10	1	2687.288	3.74	Head	2L:+:31686239-31686319	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_78967	SCTYQHDSCR	AGAP006418-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	70	8.57E-08	1	1313.502	1.7	Male reproductive organs	2L:+:31686479-31686508	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_85858	NTPVFAWAGQNLALSQSSGMNK	AGAP006418-PA	M20(Oxidation)	99	2.23E-09	2	2337.130	0.26	Male reproductive organs	2L:+:31686509-31686574	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_102848	NPTLPGLCSETETINPVPNEPK	AGAP006418-PA	C8(Carbamidomethyl)	40	0.001613469	1	2407.182	0.46	Male reproductive organs	2L:+:31686944-31687009	exon=> In CDS Exon 3 of transcript AGAP006418-PA
JHU_Ag_107689	EEQLNTYPSSYSGPAIGHFTQMASDQSDK	AGAP006418-PA	M22(Oxidation)	28	0.009952069	1	3204.413	2.21	Head	2L:+:31686638-31686675,31686757-31686805	exon=> In CDS Exon 2 and 3 of transcript AGAP006418-PA
JHU_Ag_115438	SQLAQGELKPFQPAVR	AGAP006418-PA	-	120	7.27E-12	1	1768.971	0.12	Male reproductive organs	2L:+:31686374-31686421	exon=> In CDS Exon 2 of transcript AGAP006418-PA
JHU_Ag_7171	MPTLTWDEELAK	AGAP006418-PA,AGAP006419-PA	M1(Oxidation)	82	1.06E-07	1	1449.694	0.73	Male reproductive organs	2L:+:31686422-31686457;2L:+:31689145-31689180	exon=> In CDS Exon 2 of transcript AGAP006418-PA;exon=> In CDS Exon 2 of transcript AGAP006419-PA
JHU_Ag_11728	MPTLTWDEELAK	AGAP006418-PA,AGAP006419-PA	M1(Oxidation)	64	6.17E-06	1	1449.694	0.31	Salivary gland	2L:+:31686422-31686457;2L:+:31689145-31689180	exon=> In CDS Exon 2 of transcript AGAP006418-PA;exon=> In CDS Exon 2 of transcript AGAP006419-PA
JHU_Ag_104956	AGAVASK	AGAP006418-PA,AGAP006419-PA	-	43	0.001094128	1	603.346	-0.14	Male reproductive organs	2L:+:31686908-31686928;2L:+:31689630-31689650	exon=> In CDS Exon 3 of transcript AGAP006418-PA;exon=> In CDS Exon 3 of transcript AGAP006419-PA
JHU_Ag_68446	SCQYQHDSCR	AGAP006419-PA	C2(Carbamidomethyl), Q3(Deamidated), C9(Carbamidomethyl)	33	0.000183679	1	1341.497	1.63	Male reproductive organs	2L:+:31689202-31689231	exon=> In CDS Exon 2 of transcript AGAP006419-PA
JHU_Ag_91650	NPTLPGLCSVSETIKPVPN	AGAP006419-PA	C8(Carbamidomethyl)	60	1.04E-05	2	2023.053	-0.02	Salivary gland	2L:+:31689666-31689722	exon=> In CDS Exon 3 of transcript AGAP006419-PA
JHU_Ag_108868	SQLALGQLKPFLPAVR	AGAP006419-PA	-	98	1.84E-10	1	1738.041	2.27	Salivary gland	2L:+:31689097-31689144	exon=> In CDS Exon 2 of transcript AGAP006419-PA
JHU_Ag_109119	MPQLVWDTELANQAER	AGAP006420-PA	M1(Oxidation)	85	5.07E-08	2	1916.919	0.69	Malpighian tubule	2L:+:31691456-31691503	exon=> In CDS Exon 2 of transcript AGAP006420-PA
JHU_Ag_2981	IRPYPSAVKMPTLTWDPELASLADANAR	AGAP006421-PA	M10(Oxidation)	108	1.19E-10	1	3083.602	1.22	Salivary gland	2L:+:31694096-31694179	exon=> In CDS Exon 2 of transcript AGAP006421-PA

JHU_Ag_5632	FVSSWWSEYLDARPEHVR	AGAP006421-PA	-	56	4.37E-05	1	2264.095	3.07	Visceras	2L:+:31694300-31694353	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_10183	KFPYAGQNIAITQFFGYR	AGAP006421-PA	-	141	1.11E-13	1	2121.095	1.45	Malpighian tubule	2L:+:31694219-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_12122	SNIALGRIRPYPSAVK	AGAP006421-PA	-	44	8.77E-05	1	1742.010	1.33	Salivary gland	2L:+:31694075-31694122	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_16195	GGPHVGCNPPSSSGGPTCQGK	AGAP006421-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	108	1.25E-10	1	2037.890	1.68	Malpighian tubule	2L:+:31693940-31694002	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_18667	FPYAGQNIAITQFFGYR	AGAP006421-PA	Q12(Deamidated),Q6(Deamidated),N7(Deamidated)	163	7.98E-16	1	1993.002	2.89	Salivary gland	2L:+:31694222-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_19599	FPYAGQNIAITQFFGYR	AGAP006421-PA	-	105	5.14E-10	2	1993.001	1.98	Visceras	2L:+:31694222-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_19965	SCNYGHDR	AGAP006421-PA	C2(Carbamidomethyl)	49	1.46E-05	1	1008.396	0.81	Salivary gland	2L:+:31694180-31694203	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_20730	SCNYGHDRCR	AGAP006421-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	32	0.001127509	3	1324.533	4.62	Malpighian tubule	2L:+:31694180-31694209	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_24290	GGPHVGCNPPSSSGGPTCQGK	AGAP006421-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	156	2.10E-15	1	2037.893	3	Salivary gland	2L:+:31693940-31694002	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_24858	FPYAGQNIAITQFFGYRFTEK	AGAP006421-PA	-	89	1.64E-08	1	2498.248	-1.05	Salivary gland	2L:+:31694222-31694284	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_26462	KFPYAGQNIAITQFFGYR	AGAP006421-PA	-	64	4.92E-06	1	2121.094	1.3	Visceras	2L:+:31694219-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_26980	KFPYAGQNIAITQFFGYR	AGAP006421-PA	-	67	2.42E-06	1	2121.091	-0.51	Midgut	2L:+:31694219-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_27666	FVSSWWSEYLDARPEHVRK	AGAP006421-PA	-	95	5.00E-09	1	2392.179	-1.99	Salivary gland	2L:+:31694300-31694356	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_32781	KYPSSYSGKPIGHFTQIASDR	AGAP006421-PA	-	49	0.000163764	1	2339.180	0.81	Malpighian tubule	2L:+:31694354-31694376,31694455-31694494	exon=> In CDS Exon 2 and 3 of transcript AGAP006421-PA
JHU_Ag_33031	FVSSWWSEYLDARPEHVR	AGAP006421-PA	-	116	4.01E-11	1	2264.090	0.76	Head	2L:+:31694300-31694353	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_34548	NSKFPGLCNASEEPR	AGAP006421-PA	C8(Carbamidomethyl)	84	4.50E-08	1	1705.795	-0.58	Head	2L:+:31694642-31694686	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_36109	NSKFPGLCNASEEPR	AGAP006421-PA	C8(Carbamidomethyl), N9(Deamidated),"N1(Deamidated), C8(Carbamidomethyl)",C8(Carbamidomethyl)	111	1.08E-10	1	1705.795	-0.72	Salivary gland	2L:+:31694642-31694686	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_39690	SVYQSGPTASQCK	AGAP006421-PA	C12(Carbamidomethyl)	44	0.000448577	2	1412.650	2	Visceras	2L:+:31694594-31694632	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_41698	VGCSMWYWK	AGAP006421-PA	C3(Carbamidomethyl)	46	0.000113291	2	1216.528	0.23	Malpighian tubule	2L:+:31694504-31694530	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_42564	VGCSMWYWK	AGAP006421-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M5(Oxidation)"	65	1.81E-06	1	1216.532	3.14	Salivary gland	2L:+:31694504-31694530	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_44594	GGPHVGCNPPSSSGGPTCQGK	AGAP006421-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	45	0.000223845	1	2037.892	2.67	Visceras	2L:+:31693940-31694002	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_48159	FPGLCNASEEPR	AGAP006421-PA	C5(Carbamidomethyl)	79	1.43E-07	1	1376.626	-0.36	Head	2L:+:31694651-31694686	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_50326	MPTLTWDPELASLADANAR	AGAP006421-PA	M1(Oxidation)	81	1.26E-07	2	2088.007	0.18	Midgut	2L:+:31694123-31694179	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_52044	FPYAGQNIAITQFFGYR	AGAP006421-PA	-	156	4.80E-15	1	1992.998	0.63	Malpighian tubule	2L:+:31694222-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA

JHU_Ag_52088	DGQMDVYYFVCNYSFTNIMDR	AGAP006421-PA	C11(Carbamidomethyl), M19(Oxidation),C11(Carbamidomethyl),"M4(Oxidation), C11(Carbamidomethyl), M19(Oxidation)","M4(Oxidation), C11(Carbamidomethyl)"	151	3.02E-15	1	2638.106	0.5	Salivary gland	2L:+:31694531-31694593	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_58490	YPSSYSGKPIGHFTQIASDR	AGAP006421-PA	-	117	3.36E-11	1	2211.083	0.14	Head	2L:+:31694357-31694376,31694455-31694494	exon=> In CDS Exon 2 and 3 of transcript AGAP006421-PA
JHU_Ag_59158	SNIALGR	AGAP006421-PA	-	56	2.97E-05	2	730.422	2.07	Salivary gland	2L:+:31694075-31694095	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_59522	GGPHVGCNPPSSSGGPTCQGK	AGAP006421-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	85	1.91E-08	1	2037.880	-3.44	Midgut	2L:+:31693940-31694002	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_63492	SNIALGR	AGAP006421-PA	-	40	0.001178175	2	730.422	1.91	Malpighian tubule	2L:+:31694075-31694095	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_66126	GGPHVGCNPPSSSGGPTCQGKQK	AGAP006421-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	99	1.38E-09	1	2294.043	1.18	Salivary gland	2L:+:31693940-31694008	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_69909	SCNYGHDR	AGAP006421-PA	C2(Carbamidomethyl)	46	2.97E-05	2	1008.395	-0.28	Head	2L:+:31694180-31694203	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_70760	MPTLTWDPELASLADANAR	AGAP006421-PA	-	48	0.000245336	2	2072.014	1.15	Visceras	2L:+:31694123-31694179	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_72756	SVYQSGPTASQCK	AGAP006421-PA	C12(Carbamidomethyl),"Q11(Deamidated), C12(Carbamidomethyl)"	103	5.58E-10	1	1412.650	1.74	Salivary gland	2L:+:31694594-31694632	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_77959	MPTLTWDPELASLADANAR	AGAP006421-PA	M1(Oxidation)	120	1.78E-11	1	2072.014	1.26	Head	2L:+:31694123-31694179	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_78205	KYPSSYSGKPIGHFTQIASDR	AGAP006421-PA	-	113	6.89E-11	1	2339.177	-0.6	Head	2L:+:31694354-31694376,31694455-31694494	exon=> In CDS Exon 2 and 3 of transcript AGAP006421-PA
JHU_Ag_82866	FVSSWWSEYLDARPEHVR	AGAP006421-PA	-	142	1.00E-13	1	2264.092	1.67	Salivary gland	2L:+:31694300-31694353	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_83731	YPSSYSGKPIGHFTQIASDR	AGAP006421-PA	Q15(Deamidated)	158	2.30E-15	1	2211.085	0.8	Salivary gland	2L:+:31694357-31694376,31694455-31694494	exon=> In CDS Exon 2 and 3 of transcript AGAP006421-PA
JHU_Ag_85568	GGPHVGCNPPSSSGGPTCQGK	AGAP006421-PA	C7(Carbamidomethyl), N8(Deamidated), C18(Carbamidomethyl),"C7(Carbamidomethyl), C18(Carbamidomethyl), Q19(Deamidated)","C7(Carbamidomethyl), C18(Carbamidomethyl)"	156	1.97E-15	1	2037.888	0.49	Head	2L:+:31693940-31694002	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_87375	SVYQSGPTASQCK	AGAP006421-PA	C12(Carbamidomethyl)	111	7.36E-11	1	1412.646	-1.03	Head	2L:+:31694594-31694632	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_89481	FVSSWWSEYLDARPEHVR	AGAP006421-PA	-	129	2.20E-12	1	2264.093	2.21	Malpighian tubule	2L:+:31694300-31694353	exon=> In CDS Exon 2 of transcript AGAP006421-PA

JHU_Ag_94458	IRPYPSAVK	AGAP006421-PA	-	40	0.000569237	1	1030.605	0.58	Salivary gland	2L:+:31694096-31694122	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_95204	IRPYPSAVK	AGAP006421-PA	-	39	0.001273878	1	1030.602	-2.74	Head	2L:+:31694096-31694122	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_95639	FPYAGQNIAITQFFGYRFTEK	AGAP006421-PA	-	106	3.08E-10	1	2498.257	2.47	Malpighian tubule	2L:+:31694222-31694284	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_97991	FTEKDLIHK	AGAP006421-PA	-	59	2.06E-05	1	1130.621	0.26	Salivary gland	2L:+:31694273-31694299	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_98561	FPYAGQNIAITQFFGYR	AGAP006421-PA	-	153	8.55E-15	1	1992.997	0.08	Head	2L:+:31694222-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_98731	FPGLCNASEEPR	AGAP006421-PA	C5(Carbamidomethyl), N6(Deamidated),C5(Carbamidomethyl)	89	1.48E-08	1	1376.627	0.79	Salivary gland	2L:+:31694651-31694686	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_98901	FPGLCNASEEPR	AGAP006421-PA	C5(Carbamidomethyl)	71	7.39E-07	1	1376.626	-0.36	Malpighian tubule	2L:+:31694651-31694686	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_99116	MPTLTWDPELASLADANAR	AGAP006421-PA	M1(Oxidation)	177	2.88E-17	1	2072.013	0.44	Malpighian tubule	2L:+:31694123-31694179	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_99924	KFPYAGQNIAITQFFGYR	AGAP006421-PA	-	134	5.57E-13	1	2121.095	1.45	Head	2L:+:31694219-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_102326	DGQMDVYYFVCNYSFTNIMDR	AGAP006421-PA	M4(Oxidation), C11(Carbamidomethyl), M19(Oxidation)	112	1.47E-11	1	2670.098	1.38	Malpighian tubule	2L:+:31694531-31694593	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_103022	MPTLTWDPELASLADANAR	AGAP006421-PA	N17(Deamidated),"M1(Oxidation), N17(Deamidated)",M1(Oxidation)	177	3.00E-17	1	2072.015	1.38	Salivary gland	2L:+:31694123-31694179	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_106051	KVLLTPALQAYIMDEHNLNR	AGAP006421-PA	M13(Oxidation)	68	1.09E-06	1	2355.255	2.44	Salivary gland	2L:+:31694015-31694074	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_106378	IRPYPSAVK	AGAP006421-PA	-	33	0.002912681	1	1030.605	0.93	Malpighian tubule	2L:+:31694096-31694122	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_110388	KYPSSYSGKPIGHFTQIASDR	AGAP006421-PA	-	161	1.23E-15	1	2339.176	-0.67	Salivary gland	2L:+:31694354-31694376,31694455-31694494	exon=> In CDS Exon 2 and 3 of transcript AGAP006421-PA
JHU_Ag_111184	NSKFPGLCNASEEPR	AGAP006421-PA	C8(Carbamidomethyl)	57	2.45E-05	2	1705.801	2.71	Malpighian tubule	2L:+:31694642-31694686	exon=> In CDS Exon 3 of transcript AGAP006421-PA
JHU_Ag_116269	KFPYAGQNIAITQFFGYR	AGAP006421-PA	N8(Deamidated)	152	7.81E-15	1	2121.093	0.42	Salivary gland	2L:+:31694219-31694272	exon=> In CDS Exon 2 of transcript AGAP006421-PA
JHU_Ag_36488	FSISWPR	AGAP006422-PA	-	42	0.001022817	1	892.469	1.27	Pupa	2L:-:31706767-31706747	exon=> In CDS Exon 2 of transcript AGAP006422-PA
JHU_Ag_40825	TIDFNYQPEPDVLLTGIK	AGAP006422-PA	-	44	0.000465768	2	2063.071	0.71	Malpighian tubule	2L:-:31705364-31705311	exon=> In CDS Exon 5 of transcript AGAP006422-PA
JHU_Ag_90370	VAFSSFGDR	AGAP006422-PA	-	34	0.002760241	1	985.479	5.07	Larva	2L:-:31706551-31706525	exon=> In CDS Exon 2 of transcript AGAP006422-PA
JHU_Ag_8238	NTVDFQDDRWPSAGSPWLK	AGAP006423-PA	-	113	7.70E-11	1	2219.058	2.79	Larva	2L:-:31714825-31714769	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_11813	VPSFDHDR	AGAP006423-PA	-	51	4.97E-05	2	972.456	2.58	Larva	2L:-:31714849-31714826	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_15908	FSLAWSR	AGAP006423-PA	-	50	8.78E-05	2	866.452	-0.35	Pupa	2L:-:31715658-31715638	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_19614	EYGNPPVWVTENGVSDLGGTR	AGAP006423-PA	N12(Deamidated)	136	3.26E-13	1	2248.063	5.12	Larva	2L:-:31714723-31714661	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_20734	AFANIVR	AGAP006423-PA	-	48	0.00013426	2	790.459	2.6	Larva	2L:-:31714456-31714436	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_25645	TNGDVACDSYHNWR	AGAP006423-PA	N2(Deamidated), C7(Carbamidomethyl)	110	2.29E-11	1	1695.692	5.85	Larva	2L:-:31715813-31715976,31715143-31715704	exon=> In CDS Exon 3 and 2 of transcript AGAP006423-PA

JHU_Ag_26951	DYLNAILDAIDDGCDVR	AGAP006423-PA	C14(Carbamidomethyl)	95	5.48E-09	1	1937.900	4.48	Larva	2L:-:31714633-31714583	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_27799	YNITPMVTLFHWDTPQR	AGAP006423-PA	M6(Oxidation)	117	3.72E-11	1	2135.048	4.78	Larva	2L:-:31715556-31715506	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_28379	IWTTFNEPPQTCR	AGAP006423-PA	C12(Carbamidomethyl)	102	9.76E-10	1	1649.783	5.46	Larva	2L:-:31715409-31715371	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_37604	FSLAWSR	AGAP006423-PA	-	43	0.000501673	1	866.455	3.03	Larva	2L:-:31715658-31715638	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_39388	SRLPAFTAEELTK	AGAP006423-PA	-	92	6.65E-09	1	1462.796	3.92	Larva	2L:-:31714978-31714940	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_47050	LQEMGGFTNR	AGAP006423-PA	M4(Oxidation)	85	3.58E-08	1	1168.543	1.53	Larva	2L:-:31715505-31715476	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_55255	GMYNVLSWIR	AGAP006423-PA	M2(Oxidation)	73	6.93E-07	1	1254.637	5.68	Larva	2L:-:31714756-31714727	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_64677	REYGNPPVWVTENGVSDLGGTR	AGAP006423-PA	N13(Deamidated)	128	2.60E-12	1	2404.165	4.92	Larva	2L:-:31714726-31714661	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_70560	FGVGTSAYQIEGGWNEDGK	AGAP006423-PA	-	111	9.14E-11	1	2014.924	4.92	Larva	2L:-:31715927-31715871	exon=> In CDS Exon 2 of transcript AGAP006423-PA
JHU_Ag_86766	EFQPTQGGQIGITVDGSWAEPVSEDQR	AGAP006423-PA	-	42	0.000885666	1	2931.395	6.57	Larva	2L:-:31715253-31715173	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_89695	ILPTGISNQVNEK	AGAP006423-PA	N8(Deamidated)	99	9.79E-10	1	1412.779	3.39	Larva	2L:-:31715637-31715599	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_92456	LPYEYDAMAPGLDFPGSYTYLCTHHLLLSHAEAVDLYR	AGAP006423-PA	M8(Oxidation), C22(Carbamidomethyl)	181	7.20E-18	1	4415.104	5.61	Larva	2L:-:31715370-31715257	exon=> In CDS Exon 3 of transcript AGAP006423-PA
JHU_Ag_97992	LPAFTAEELTK	AGAP006423-PA	-	37	0.002799565	2	1219.662	3.88	Larva	2L:-:31714972-31714940	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_101906	FGVGTSAYQIEGGWNEDGKGESIWDHLVHNYPEK	AGAP006423-PA	-	171	8.77E-17	1	3819.782	3.88	Larva	2L:-:31715927-31715826	exon=> In CDS Exon 2 of transcript AGAP006423-PA
JHU_Ag_108859	FGLYYVNYSDPGLTR	AGAP006423-PA	-	80	2.09E-07	1	1764.870	5.87	Larva	2L:-:31714522-31714478	exon=> In CDS Exon 4 of transcript AGAP006423-PA
JHU_Ag_114734	GESIWDHLVHNYPEK	AGAP006423-PA	-	50	0.000171463	1	1823.877	3.15	Larva	2L:-:31715870-31715826	exon=> In CDS Exon 2 of transcript AGAP006423-PA
JHU_Ag_109756	ELGVDIYR	AGAP006423-PA,AGAP006424-PA	-	57	2.64E-05	1	964.512	2.62	Larva	2L:-:31715682-31715659;2L:-:31718094-31718071	exon=> In CDS Exon 3 of transcript AGAP006423-PA;exon=> In CDS Exon 3 of transcript AGAP006424-PA
JHU_Ag_7534	GTSDYFGLNTYGSSMVK	AGAP006424-PA	M15(Oxidation)	113	5.38E-11	1	1842.831	5	Larva	2L:-:31717320-31717270	exon=> In CDS Exon 4 of transcript AGAP006424-PA
JHU_Ag_9940	ILDQSNGDIAADSYHLYK	AGAP006424-PA	N6(Deamidated)	151	1.14E-14	1	2023.970	4.55	Larva	2L:-:31718231-31718391,31717549-31718116	exon=> In CDS Exon 3 and 2 of transcript AGAP006424-PA
JHU_Ag_14333	VLTNIVR	AGAP006424-PA	-	49	6.10E-05	2	814.516	2.13	Larva	2L:-:31716765-31716745	exon=> In CDS Exon 5 of transcript AGAP006424-PA
JHU_Ag_16453	IMPTGIANEINEHGIAYYNNLIDELLSHGITPMVTLYHWDLPQR	AGAP006424-PA	M2(Oxidation), M33(Oxidation)	41	0.000437276	1	5094.532	3.72	Larva	2L:-:31718049-31717918	exon=> In CDS Exon 3 of transcript AGAP006424-PA
JHU_Ag_28691	LQEMGGWTNELIVDHFTEYAR	AGAP006424-PA	M4(Oxidation)	159	1.92E-15	1	2525.191	5.69	Larva	2L:-:31717917-31717855	exon=> In CDS Exon 3 of transcript AGAP006424-PA
JHU_Ag_34691	GYIAWSLMDNYEWR	AGAP006424-PA	M8(Oxidation)	81	7.93E-08	1	1819.817	3.52	Larva	2L:-:31716972-31716931	exon=> In CDS Exon 4 of transcript AGAP006424-PA
JHU_Ag_42042	LPAFTPEEIVR	AGAP006424-PA	-	67	2.06E-06	1	1271.705	4.15	Larva	2L:-:31717359-31717327	exon=> In CDS Exon 4 of transcript AGAP006424-PA
JHU_Ag_44866	FSIAWTR	AGAP006424-PA	-	37	0.002710757	2	880.467	-1	Pupa	2L:-:31718070-31718050	exon=> In CDS Exon 3 of transcript AGAP006424-PA
JHU_Ag_49061	AHAEAVHLYR	AGAP006424-PA	-	55	3.72E-05	1	1166.608	1.04	Pupa	2L:-:31717698-31717669	exon=> In CDS Exon 3 of transcript AGAP006424-PA

JHU_Ag_50793	KLLNWIR	AGAP006424-PA	-	53	1.50E-05	2	942.591	2.3	Larva	2L:-:31717137-31717117	exon=> In CDS Exon 4 of transcript AGAP006424-PA
JHU_Ag_51785	AHAEAVHLYR	AGAP006424-PA	-	85	3.36E-08	1	1166.609	2.37	Larva	2L:-:31717698-31717669	exon=> In CDS Exon 3 of transcript AGAP006424-PA
JHU_Ag_52000	FADDFK	AGAP006424-PA	-	32	0.003388208	1	742.343	2.81	Larva	2L:-:31718351-31718334	exon=> In CDS Exon 2 of transcript AGAP006424-PA
JHU_Ag_70038	LLNWIR	AGAP006424-PA	-	36	0.002196964	2	814.496	3.34	Larva	2L:-:31717134-31717117	exon=> In CDS Exon 4 of transcript AGAP006424-PA
JHU_Ag_74001	FSIAWTR	AGAP006424-PA	-	49	0.000163601	2	880.471	3.65	Larva	2L:-:31718070-31718050	exon=> In CDS Exon 3 of transcript AGAP006424-PA
JHU_Ag_77716	FGFYYVDFESPER	AGAP006424-PA	-	102	6.32E-10	1	1655.747	5.69	Larva	2L:-:31716831-31716793	exon=> In CDS Exon 5 of transcript AGAP006424-PA
JHU_Ag_85905	FGVGTSSYQIEGAWNEDGKGESIWDR	AGAP006424-PA	-	174	4.26E-17	1	2888.326	4.72	Larva	2L:-:31718333-31718256	exon=> In CDS Exon 2 of transcript AGAP006424-PA
JHU_Ag_91418	VLTNIVR	AGAP006424-PA	-	37	0.001397947	2	814.514	-1.25	Pupa	2L:-:31716765-31716745	exon=> In CDS Exon 5 of transcript AGAP006424-PA
JHU_Ag_94219	IRGTSDYFGLNTYGSSMVK	AGAP006424-PA	M17(Oxidation)	110	1.47E-10	1	2112.017	4.7	Larva	2L:-:31717326-31717270	exon=> In CDS Exon 4 of transcript AGAP006424-PA
JHU_Ag_99759	FGVGTSSYQIEGAWNEDGK	AGAP006424-PA	-	126	3.01E-12	1	2044.926	0.64	Larva	2L:-:31718333-31718277	exon=> In CDS Exon 2 of transcript AGAP006424-PA
JHU_Ag_100091	TWTTFNEPWQTCENSYSNDAMSPGYNFPGIPAYHCAHNLLK	AGAP006424-PA	C12(Carbamidomethyl), M21(Oxidation), C35(Carbamidomethyl),"C12(Carbamidomethyl), N18(Deamidated), M21(Oxidation), C35(Carbamidomethyl)"	107	9.74E-11	1	4836.108	4.44	Larva	2L:-:31717821-31717699	exon=> In CDS Exon 3 of transcript AGAP006424-PA
JHU_Ag_102295	IDYLNTYLDAVLDAIDDGCDVR	AGAP006424-PA	C19(Carbamidomethyl)	123	6.84E-12	2	2529.186	1.73	Larva	2L:-:31717038-31716973	exon=> In CDS Exon 4 of transcript AGAP006424-PA
JHU_Ag_105179	ILDQSNGDIAADSYHLYK	AGAP006424-PA	N6(Deamidated)	44	0.000564012	1	2023.963	0.94	Pupa	2L:-:31718231-31718391,31717549-31718116	exon=> In CDS Exon 3 and 2 of transcript AGAP006424-PA
JHU_Ag_108942	FNLGWFANPIFSEAGDYPQEMR	AGAP006424-PA	M21(Oxidation)	86	2.88E-08	1	2605.191	3.63	Larva	2L:-:31717554-31718121,31716920-31717408	exon=> In CDS Exon 4 and 3 of transcript AGAP006424-PA
JHU_Ag_39385	GESIWDR	AGAP006424-PA,AGAP006425-PA,AGAP006426-PA	-	35	0.005313701	1	862.408	3.18	Larva	2L:-:31718276-31718256;2L:-:31720675-31720655;2L:-:31723481-31723461	exon=> In CDS Exon 2 of transcript AGAP006424-PA;exon=> In CDS Exon 2 of transcript AGAP006425-PA;exon=> In CDS Exon 2 of transcript AGAP006426-PA
JHU_Ag_18183	LPAFTQEEIDKIK	AGAP006425-PA	-	104	3.63E-10	1	1531.844	4.63	Larva	2L:-:31719718-31719680	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_21086	ELGVDFYR	AGAP006425-PA	-	46	0.000221375	2	998.497	2.97	Larva	2L:-:31720496-31720473	exon=> In CDS Exon 3 of transcript AGAP006425-PA
JHU_Ag_26657	YNITPMVTLFHWDLPQR	AGAP006425-PA	M6(Oxidation)	97	2.81E-09	1	2147.080	2.7	Larva	2L:-:31720370-31720320	exon=> In CDS Exon 3 of transcript AGAP006425-PA
JHU_Ag_28341	GYTAWSLMDNFEWR	AGAP006425-PA	M8(Oxidation)	69	1.24E-06	2	1791.792	7.14	Larva	2L:-:31719328-31719287	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_39585	IMPTGISNEVNRK	AGAP006425-PA	M2(Oxidation)	56	3.94E-05	1	1474.774	4	Larva	2L:-:31720451-31720413	exon=> In CDS Exon 3 of transcript AGAP006425-PA
JHU_Ag_45923	LSAEQGFHK	AGAP006425-PA	-	52	8.87E-05	1	1016.519	2.49	Larva	2L:-:31719751-31719725	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_58999	GSSDYFGFNAYTTR	AGAP006425-PA	-	104	2.78E-10	1	1585.693	0.94	Larva	2L:-:31719679-31719638	exon=> In CDS Exon 5 of transcript AGAP006425-PA

JHU_Ag_71937	SRLPAFTQEEIDK	AGAP006425-PA	-	42	0.000970179	2	1533.801	6.37	Larva	2L:-:31719724-31719686	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_72747	FGLYYVDFNDPARPR	AGAP006425-PA	-	72	1.09E-06	1	1829.905	4.43	Larva	2L:-:31719268-31719224	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_78448	SIDADYLPEPDVLIPGDH	AGAP006425-PA	-	60	1.83E-05	1	1965.949	2.32	Larva	2L:-:31719175-31719122	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_79582	IMPTGISNEVNR	AGAP006425-PA	M2(Oxidation)	71	1.27E-06	1	1346.676	2.21	Larva	2L:-:31720451-31720416	exon=> In CDS Exon 3 of transcript AGAP006425-PA
JHU_Ag_84944	LVTANGADNLADFPEPSFDHDR	AGAP006425-PA	-	50	0.000140262	3	2401.114	3.49	Larva	2L:-:31719637-31719572	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_92316	FWATFNEPK	AGAP006425-PA	-	43	0.000775765	1	1139.555	2.94	Larva	2L:-:31720223-31720197	exon=> In CDS Exon 3 of transcript AGAP006425-PA
JHU_Ag_99412	DVVEYIDPSWPSSASPWLK	AGAP006425-PA	-	80	1.69E-07	1	2176.076	7.66	Larva	2L:-:31719571-31719515	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_105774	TFFQETQQGVIGMVVDSAWHEPNSEDDYEAAER	AGAP006425-PA	M13(Oxidation)	110	5.30E-11	1	3801.671	2.67	Larva	2L:-:31720070-31720523,31719894-31719909	exon=> In CDS Exon 4 and 3 of transcript AGAP006425-PA
JHU_Ag_112971	VYANIVK	AGAP006425-PA	-	35	0.001986955	2	806.479	1.9	Larva	2L:-:31719202-31719182	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_116386	LPAFTQEEIDK	AGAP006425-PA	-	83	1.04E-07	1	1290.662	3.19	Larva	2L:-:31719718-31719686	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_117080	LQDMGGWTNR	AGAP006425-PA	M4(Oxidation)	51	9.02E-05	1	1193.539	1.9	Larva	2L:-:31720319-31720290	exon=> In CDS Exon 3 of transcript AGAP006425-PA
JHU_Ag_117410	GLYSVLK	AGAP006425-PA	-	43	0.000163699	1	779.468	2.17	Larva	2L:-:31719502-31719482	exon=> In CDS Exon 5 of transcript AGAP006425-PA
JHU_Ag_89377	FSIAWSR	AGAP006425-PA,AGAP000481-PA	-	43	0.000501673	1	866.455	3.03	Larva	2L:-:31720472-31720452;X:+:8433359-8433379	exon=> In CDS Exon 3 of transcript AGAP006425-PA;exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_90801	FSIAWSR	AGAP006425-PA,AGAP000481-PA	-	50	8.78E-05	2	866.452	-0.35	Pupa	2L:-:31720472-31720452;X:+:8433359-8433379	exon=> In CDS Exon 3 of transcript AGAP006425-PA;exon=> In CDS Exon 1 of transcript AGAP000481-PA
JHU_Ag_54132	VAFEQFGDR	AGAP006425-PA,AGAP006426-PA	-	51	9.50E-05	2	1068.514	2.94	Larva	2L:-:31720256-31720230;2L:-:31723048-31723022	exon=> In CDS Exon 3 of transcript AGAP006425-PA;exon=> In CDS Exon 3 of transcript AGAP006426-PA
JHU_Ag_22452	IADGSNGDISSDSYNNWR	AGAP006426-PA	N6(Deamidated)	104	1.84E-10	2	1971.834	1.37	Pupa	2L:-:31723436-31723611,31722743-31723310	exon=> In CDS Exon 3 and 2 of transcript AGAP006426-PA
JHU_Ag_48735	FSLSWPR	AGAP006426-PA	-	42	0.001022817	1	892.469	1.27	Pupa	2L:-:31723264-31723244	exon=> In CDS Exon 3 of transcript AGAP006426-PA
JHU_Ag_68419	FQELGGWTNPELIGYFHDYAK	AGAP006426-PA	-	34	0.005622114	1	2485.204	8.73	Pupa	2L:-:31723111-31723049	exon=> In CDS Exon 3 of transcript AGAP006426-PA
JHU_Ag_107555	VAFEQFGDR	AGAP006426-PA,AGAP006425-PA	-	46	0.000352038	2	1068.511	0.09	Pupa	2L:-:31723048-31723022;2L:-:31720256-31720230	exon=> In CDS Exon 3 of transcript AGAP006426-PA;exon=> In CDS Exon 3 of transcript AGAP006425-PA
JHU_Ag_37392	LMNEIIQGIQVIK	AGAP006427-PA,AGAP006427-PB	M2(Oxidation)	70	4.17E-07	2	1514.868	4.34	Larva	2L:-:31741594-31741556;2L:-:31741594-31741556	exon=> In CDS Exon 2 of transcript AGAP006427-PA;exon=> In CDS Exon 2 of transcript AGAP006427-PB
JHU_Ag_70126	ASMYFFNTNPSGR	AGAP006427-PA,AGAP006427-PB	M3(Oxidation)	53	4.18E-05	2	1507.675	7.61	Larva	2L:-:31738466-31738428;2L:-:31738466-31738428	exon=> In CDS Exon 5 of transcript AGAP006427-PA;exon=> In CDS Exon 5 of transcript AGAP006427-PB

JHU_Ag_82172	ELNTDDLYQPLR	AGAP006427-PA,AGAP006427-PB	-	38	0.002893903	2	1476.742	6.45	Larva	2L:-:31742360-31742325;2L:-:31742360-31742325	exon=> In CDS Exon 1 of transcript AGAP006427-PA;exon=> In CDS Exon 1 of transcript AGAP006427-PB
JHU_Ag_100543	INEGGSNFSVGQR	AGAP006427-PA,AGAP006427-PB	-	59	1.99E-05	2	1364.655	-0.13	Salivary gland	2L:-:31737303-31737265;2L:-:31737303-31737265	exon=> In CDS Exon 6 of transcript AGAP006427-PA;exon=> In CDS Exon 6 of transcript AGAP006427-PB
JHU_Ag_117196	INEGGSNFSVGQR	AGAP006427-PA,AGAP006427-PB	-	60	1.52E-05	2	1364.660	3.18	Malpighian tubule	2L:-:31737303-31737265;2L:-:31737303-31737265	exon=> In CDS Exon 6 of transcript AGAP006427-PA;exon=> In CDS Exon 6 of transcript AGAP006427-PB
JHU_Ag_66999	ILNRFSK	AGAP006427-PA,AGAP006427-PB,AGAP001777-PA,AGAP001775-PA,AGAP003221-PA,AGAP004603-PA	-	33	0.002225302	1	877.527	2	Malpighian tubule	2L:-:31738427-31738407;2L:-:31738427-31738407;2R:+:10175517-10175537;2R:-:10157438-10157418;2R:+:34026050-34026070;2R:-:58320446-58320426	exon=> In CDS Exon 5 of transcript AGAP006427-PA;exon=> In CDS Exon 5 of transcript AGAP006427-PB;exon=> In CDS Exon 6 of transcript AGAP001777-PA;exon=> In CDS Exon 5 of transcript AGAP001775-PA;exon=> In CDS Exon 6 of transcript AGAP003221-PA;exon=> In CDS Exon 2 of transcript AGAP004603-PA
JHU_Ag_108124	VYTVIVPDWR	AGAP006428-PA	-	34	0.004962469	1	1247.676	-1.61	Ovary	2L:-:31760381-31760352	exon=> In CDS Exon 1 of transcript AGAP006428-PA
JHU_Ag_11060	NQNDWSEGGGIGKPQPDNR	AGAP006430-PB	-	107	2.28E-10	1	2068.945	0.64	Salivary gland	2L:+:31780581-31780637	exon=> In CDS Exon 3 of transcript AGAP006430-PB
JHU_Ag_35476	GCDRPDLQPTNINGWFWTAELQK	AGAP006430-PB	C2(Carbamidomethyl)	79	1.84E-07	1	2746.317	4.76	Visceras	2L:+:31780491-31780559	exon=> In CDS Exon 3 of transcript AGAP006430-PB
JHU_Ag_35568	TLDAPNPALCASR	AGAP006430-PB	C10(Carbamidomethyl)	45	0.000470206	1	1385.690	4.23	Visceras	2L:+:31772311-31772349	exon=> In CDS Exon 1 of transcript AGAP006430-PB
JHU_Ag_56742	NQNDWSEGGGIGKPQPDNR	AGAP006430-PB	-	99	1.55E-09	1	2068.944	0.2	Visceras	2L:+:31780581-31780637	exon=> In CDS Exon 3 of transcript AGAP006430-PB
JHU_Ag_64081	GCDRPDLQPTNINGWFWTAELQK	AGAP006430-PB	C2(Carbamidomethyl)	105	5.18E-10	1	2746.306	0.76	Head	2L:+:31780491-31780559	exon=> In CDS Exon 3 of transcript AGAP006430-PB
JHU_Ag_86004	NQNDWSEGGGIGKPQPDNR	AGAP006430-PB	-	77	2.69E-07	1	2068.948	2.41	Malpighian tubule	2L:+:31780581-31780637	exon=> In CDS Exon 3 of transcript AGAP006430-PB
JHU_Ag_87078	GCDRPDLQPTNINGWFWTAELQK	AGAP006430-PB	C2(Carbamidomethyl)	40	0.00167434	3	2746.315	3.83	Malpighian tubule	2L:+:31780491-31780559	exon=> In CDS Exon 3 of transcript AGAP006430-PB
JHU_Ag_101597	TLDAPNPALCASR	AGAP006430-PB	C10(Carbamidomethyl)	70	1.32E-06	1	1385.686	1.41	Salivary gland	2L:+:31772311-31772349	exon=> In CDS Exon 1 of transcript AGAP006430-PB
JHU_Ag_105062	TLDAPNPALCASR	AGAP006430-PB	C10(Carbamidomethyl)	71	1.16E-06	2	1385.686	1.59	Malpighian tubule	2L:+:31772311-31772349	exon=> In CDS Exon 1 of transcript AGAP006430-PB
JHU_Ag_24384	CPDGLYWNDQQK	AGAP006432-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), N8(Deamidated)"	84	2.68E-08	1	1523.657	-1.22	Midgut	2L:+:31790138-31790173	exon=> In CDS Exon 2 of transcript AGAP006432-PA
JHU_Ag_43329	FYECHMK	AGAP006432-PA	C4(Carbamidomethyl)	30	0.00285978	2	1014.417	0.01	Midgut	2L:+:31789334-31789354	exon=> In CDS Exon 2 of transcript AGAP006432-PA
JHU_Ag_43855	DAWEYECPAGLHFNVAIDVCDFPVNAK	AGAP006432-PA	C7(Carbamidomethyl), C20(Carbamidomethyl)	158	1.74E-15	1	3137.410	-1.05	Midgut	2L:+:31789355-31789435	exon=> In CDS Exon 2 of transcript AGAP006432-PA
JHU_Ag_71677	CPDGLYWNDQQKR	AGAP006432-PA	C1(Carbamidomethyl)	74	4.37E-07	1	1679.758	-0.63	Midgut	2L:+:31790138-31790176	exon=> In CDS Exon 2 of transcript AGAP006432-PA
JHU_Ag_84329	YYGCLEGCVK	AGAP006432-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	72	3.64E-07	1	1248.535	-3.07	Midgut	2L:+:31790099-31790128	exon=> In CDS Exon 2 of transcript AGAP006432-PA

JHU_Ag_3520	TSTLFPHYSDCTR	AGAP006433-PA	C11(Carbamidomethyl)	93	5.09E-09	1	1584.711	0.2	Midgut	2L:-:31792765-31792727	exon=> In CDS Exon 1 of transcript AGAP006433-PA
JHU_Ag_4490	YYQCADGQVLDMHCPESLVYDSAAK	AGAP006433-PA	C4(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl),"C4(Carbamidomethyl), C14(Carbamidomethyl)"	147	1.20E-14	1	2936.249	-1.44	Midgut	2L:-:31792228-31792154	exon=> In CDS Exon 1 of transcript AGAP006433-PA
JHU_Ag_50258	YYECVCNDAYEYECPEGLR	AGAP006433-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C14(Carbamidomethyl)	114	3.87E-12	1	2489.967	-0.5	Midgut	2L:-:31792726-31792670	exon=> In CDS Exon 1 of transcript AGAP006433-PA
JHU_Ag_54003	SSYCAGAEEEEANHSSGVPDHGALDPR	AGAP006433-PA	C4(Carbamidomethyl)	32	0.003043407	1	2842.207	3.64	Midgut	2L:-:31792363-31792283	exon=> In CDS Exon 1 of transcript AGAP006433-PA
JHU_Ag_57550	VAVASDWLSIMPNHWMCEIPK	AGAP006433-PA	M11(Oxidation), M16(Oxidation), C17(Carbamidomethyl)," M16(Oxidation), C17(Carbamidomethyl)"	101	1.09E-09	1	2500.184	0.58	Midgut	2L:-:31792552-31792490	exon=> In CDS Exon 1 of transcript AGAP006433-PA
JHU_Ag_63291	CVCNTAYEYECPEGLGFNQR	AGAP006433-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), C11(Carbamidomethyl)	101	2.86E-10	1	2467.014	1.21	Midgut	2L:-:31792441-31792382	exon=> In CDS Exon 1 of transcript AGAP006433-PA
JHU_Ag_95496	AWTDEQNCSK	AGAP006433-PA	C8(Carbamidomethyl)	61	2.55E-06	1	1238.509	-0.99	Midgut	2L:-:31792258-31792229	exon=> In CDS Exon 1 of transcript AGAP006433-PA
JHU_Ag_4591	LHAHAHCAQTGPR	AGAP006434-PA	C7(Carbamidomethyl)	101	1.24E-09	1	1455.701	-0.76	Midgut	2L:+:31793609-31793647	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_5842	TNGYYPVMFR	AGAP006434-PA	N2(Deamidated), M8(Oxidation),N2(Deamidated)	55	2.83E-05	2	1264.567	0.08	Midgut	2L:+:31794362-31794391	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_27434	LSVCDYPDKVDCNGPVR	AGAP006434-PA	C4(Carbamidomethyl), C12(Carbamidomethyl),"C4(Carbamidomethyl), C12(Carbamidomethyl), N13(Deamidated)"	107	2.74E-10	1	1993.910	-0.56	Midgut	2L:+:31794482-31794532	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_34729	NEKDCSQFYQCDHGTAYLIQCPAGLHFNTR	AGAP006434-PA	C5(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)	66	1.67E-06	1	3630.598	0.95	Midgut	2L:+:31794392-31794481	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_35335	YYQCDHGTAFEITCPAGLHFNTALSVCDYPER	AGAP006434-PA	C4(Carbamidomethyl), C14(Carbamidomethyl), C27(Carbamidomethyl)	105	1.60E-10	1	3792.648	-0.89	Midgut	2L:+:31794692-31794787	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_49990	DCSQFYQCDHGTAYLIQCPAGLHFNTR	AGAP006434-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C18(Carbamidomethyl)	106	1.83E-10	1	3259.415	0.26	Midgut	2L:+:31794401-31794481	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_52423	QEPAYWAHPHECGK	AGAP006434-PA	C12(Carbamidomethyl)	56	1.76E-05	2	1709.747	-0.86	Midgut	2L:+:31794899-31794940	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_69079	NGPHPIMFR	AGAP006434-PA	M7(Oxidation),N1(Deamidated),"N1(Deamidated), M7(Oxidation)"	49	0.000135975	1	1069.525	-0.03	Midgut	2L:+:31794644-31794670	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_72012	TSSHEGSTSHQLEYDFVR	AGAP006434-PA	-	112	7.07E-11	1	2079.938	0.82	Malpighian tubule	2L:+:31794137-31794190	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_72917	DQHDCAK	AGAP006434-PA	C5(Carbamidomethyl)	33	0.000636712	1	873.352	0.51	Midgut	2L:+:31793660-31793680	exon=> In CDS Exon 2 of transcript AGAP006434-PA

JHU_Ag_77034	TSSHEGSTSHQLEYDFVR	AGAP006434-PA	-	135	3.40E-13	1	2079.934	-1.3	Midgut	2L:+:31794137-31794190	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_84128	TSSHEGSHTHQLEHDFVR	AGAP006434-PA	-	140	1.14E-13	1	2103.951	-3.87	Midgut	2L:+:31793963-31794016	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_87511	CPTVSSDPSNTHQLEYDFVR	AGAP006434-PA	C1(Carbamidomethyl)	102	7.00E-10	1	2352.048	-3.42	Midgut	2L:+:31793783-31793842	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_97855	GTAYEFLCAEGYGFNEEQNACEHIAK	AGAP006434-PA	C8(Carbamidomethyl), C21(Carbamidomethyl)	109	5.40E-11	1	3008.275	-2.47	Midgut	2L:+:31793699-31793776	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_102512	NEHVTGGSNGVHGGSPSCAVCQSATTVVHR	AGAP006434-PA	N9(Deamidated), C18(Carbamidomethyl), C21(Carbamidomethyl),"C18(Carbamidomethyl), C21(Carbamidomethyl)"	147	2.01E-14	1	3063.369	-2.09	Midgut	2L:+:31794533-31794622	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_111292	ACSPDESLECANAEW	AGAP006434-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	40	8.74E-05	2	1738.668	-0.09	Midgut	2L:+:31795016-31795060	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_111560	TSGHEESSHYSSSHQLEHDFVR	AGAP006434-PA	-	132	4.05E-13	1	2556.107	-2.61	Midgut	2L:+:31794044-31794109	exon=> In CDS Exon 2 of transcript AGAP006434-PA
JHU_Ag_8211	ELPLPATQTAVNAVCK	AGAP006438-PA	C15(Carbamidomethyl)	66	2.39E-06	2	1711.910	2.79	Ovary	2L:-:31885418-31885371	exon=> In CDS Exon 2 of transcript AGAP006438-PA
JHU_Ag_56561	EIGIETYLVELR	AGAP006438-PA	-	64	2.67E-06	2	1434.789	3.35	Malpighian tubule	2L:-:31885817-31885782	exon=> In CDS Exon 2 of transcript AGAP006438-PA
JHU_Ag_69966	FINFLTEGGGTR	AGAP006438-PA	-	59	1.51E-05	1	1311.673	2.97	Ovary	2L:-:31885880-31885845	exon=> In CDS Exon 2 of transcript AGAP006438-PA
JHU_Ag_80333	IAFAYQLLK	AGAP006438-PA	-	40	0.000319023	1	1066.633	2.85	Ovary	2L:-:31885142-31885116	exon=> In CDS Exon 2 of transcript AGAP006438-PA
JHU_Ag_86650	YGDDEQVPLGK	AGAP006438-PA	-	36	0.003911266	2	1220.580	0.39	Ovary	2L:-:31885325-31885293	exon=> In CDS Exon 2 of transcript AGAP006438-PA
JHU_Ag_110991	EIGIETYLVELR	AGAP006438-PA	-	56	2.08E-05	2	1434.787	2.42	Ovary	2L:-:31885817-31885782	exon=> In CDS Exon 2 of transcript AGAP006438-PA
JHU_Ag_113419	DRSEFQSVYEK	AGAP006438-PA	-	54	4.64E-05	2	1387.649	0.07	Ovary	2L:-:31886209-31886296,31884883-31886103	exon=> In CDS Exon 2 and 1 of transcript AGAP006438-PA
JHU_Ag_20191	YLPAAGAYRPPNITAIFTR	AGAP006442-PA	-	48	0.000108162	1	2092.130	-1.9	Midgut	2L:+:32055351-32055365,32055477-32055518	exon=> In CDS Exon 1 and 2 of transcript AGAP006442-PA
JHU_Ag_24621	LLDYAVVVNNSLPVPEK	AGAP006442-PA	-	58	9.47E-06	2	1870.031	-0.83	Midgut	2L:+:32055285-32055335	exon=> In CDS Exon 1 of transcript AGAP006442-PA
JHU_Ag_62796	LTSKPYQR	AGAP006442-PA	-	42	0.000706843	1	992.552	-0.52	Midgut	2L:+:32055597-32055620	exon=> In CDS Exon 2 of transcript AGAP006442-PA
JHU_Ag_33832	SQLALGQLAPFLPAVR	AGAP006443-PA	-	41	9.23E-05	2	1680.992	7.56	Larva	2L:-:32107235-32107188	exon=> In CDS Exon 2 of transcript AGAP006443-PA
JHU_Ag_2523	EFITSCDAEQVR	AGAP006445-PA	C6(Carbamidomethyl)	60	1.08E-05	2	1454.658	-0.39	Midgut	2L:-:32193348-32193313	exon=> In CDS Exon 3 of transcript AGAP006445-PA
JHU_Ag_6014	ASPLEYFVSFVR	AGAP006445-PA	N-Term(Acetyl)	67	2.86E-06	2	1456.748	0.65	Male reproductive organs	2L:-:32193761-32193726	exon=> In CDS Exon 1 of transcript AGAP006445-PA
JHU_Ag_11003	YILVSLILHGK	AGAP006445-PA	-	47	3.33E-05	1	1255.779	1.04	Midgut	2L:-:32192823-32192791	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_23503	SGEIFATINQK	AGAP006445-PA	-	36	0.003356442	2	1207.630	-1.43	Ovary	2L:-:32192394-32192362	exon=> In CDS Exon 5 of transcript AGAP006445-PA
JHU_Ag_29410	SFGNQEDDGIGCNSK	AGAP006445-PA	C12(Carbamidomethyl)	69	3.74E-07	2	1627.669	2.3	Ovary	2L:-:32192129-32192085	exon=> In CDS Exon 6 of transcript AGAP006445-PA
JHU_Ag_30101	TFLTLSLADVASR	AGAP006445-PA	-	85	1.70E-08	2	1393.772	2.61	Salivary gland	2L:-:32192565-32192527	exon=> In CDS Exon 4 of transcript AGAP006445-PA

JHU_Ag_31910	TFLTLSLADVASR	AGAP006445-PA	-	99	7.34E-10	2	1393.768	-0.19	Midgut	2L:-:32192565-32192527	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_33179	YILVSLILHGK	AGAP006445-PA	-	71	1.16E-07	1	1255.776	-1.19	Ovary	2L:-:32192823-32192791	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_35320	LFNAQLTPIHADLCQLCLCAK	AGAP006445-PA	C14(Carbamidomethyl), C17(Carbamidomethyl), C19(Carbamidomethyl)	56	3.80E-05	1	2486.252	6.54	Ovary	2L:-:32193108-32193046	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_37771	EFITSCDAEQVR	AGAP006445-PA	C6(Carbamidomethyl)	51	9.83E-05	2	1454.664	3.97	Ovary	2L:-:32193348-32193313	exon=> In CDS Exon 3 of transcript AGAP006445-PA
JHU_Ag_40724	YAPQVYYELCHHLTTALVK	AGAP006445-PA	C10(Carbamidomethyl)	34	0.006424475	1	2306.171	3.21	Ovary	2L:-:32193312-32193387,32192479-32193169	exon=> In CDS Exon 4 and 3 of transcript AGAP006445-PA
JHU_Ag_44320	ASPLEYFVSFVR	AGAP006445-PA	N-Term(Acetyl)	78	2.27E-07	2	1456.747	0.15	Midgut	2L:-:32193761-32193726	exon=> In CDS Exon 1 of transcript AGAP006445-PA
JHU_Ag_47240	EFITSCDAEQVR	AGAP006445-PA	C6(Carbamidomethyl)	54	4.38E-05	2	1454.660	1.54	Salivary gland	2L:-:32193348-32193313	exon=> In CDS Exon 3 of transcript AGAP006445-PA
JHU_Ag_54469	QHIIQGIHVLVLALEK	AGAP006445-PA	-	49	7.43E-06	1	1811.091	0.53	Ovary	2L:-:32193162-32193115	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_55395	ASPLEYFVSFVR	AGAP006445-PA	N-Term(Acetyl)	102	9.56E-10	1	1456.748	0.57	Ovary	2L:-:32193761-32193726	exon=> In CDS Exon 1 of transcript AGAP006445-PA
JHU_Ag_83234	QVVASLYK	AGAP006445-PA	-	39	0.000727042	2	907.524	-0.48	Midgut	2L:-:32192613-32192590	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_86312	TFLTLSLADVASR	AGAP006445-PA	-	104	2.34E-10	2	1393.775	4.72	Ovary	2L:-:32192565-32192527	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_93462	YSSQVITR	AGAP006445-PA	-	48	0.000155376	2	953.505	-0.3	Midgut	2L:-:32192772-32192749	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_95500	TFLTLSLADVASR	AGAP006445-PA	-	100	5.66E-10	2	1393.774	3.66	Pupa	2L:-:32192565-32192527	exon=> In CDS Exon 4 of transcript AGAP006445-PA
JHU_Ag_104489	ASPLEYFVSFVR	AGAP006445-PA	N-Term(Acetyl)	71	1.13E-06	1	1456.754	4.42	Salivary gland	2L:-:32193761-32193726	exon=> In CDS Exon 1 of transcript AGAP006445-PA
JHU_Ag_110284	ASPLEYFVSFVR	AGAP006445-PA	N-Term(Acetyl)	81	9.83E-08	2	1456.750	1.74	Pupa	2L:-:32193761-32193726	exon=> In CDS Exon 1 of transcript AGAP006445-PA
JHU_Ag_849	LTVADALEPVSFEDGETIVR	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	52	9.99E-05	2	2161.113	4.71	Pupa	2L:-:32204142-32204083;2L:-:32204142-32204083;2L:-:32204142-32204083;2L:-:32204142-32204083	exon=> In CDS Exon 4 of transcript AGAP006448-PB;exon=> In CDS Exon 4 of transcript AGAP006448-PA;exon=> In CDS Exon 3 of transcript AGAP006448-PC;exon=> In CDS Exon 4 of transcript AGAP006448-PD
JHU_Ag_12953	NVLFSHLDENER	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	61	1.33E-05	1	1472.711	-1.29	Malpighian tubule	2L:-:32209165-32209130;2L:-:32209165-32209130;2L:-:32209165-32209130;2L:-:32209165-32209130	exon=> In CDS Exon 2 of transcript AGAP006448-PB;exon=> In CDS Exon 2 of transcript AGAP006448-PA;exon=> In CDS Exon 1 of transcript AGAP006448-PC;exon=> In CDS Exon 2 of transcript AGAP006448-PD

JHU_Ag_18444	GGISAEPVTEEDATSYVK	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	47	0.000316114	1	1852.885	1.91	Visceras	2L:-:32209276-32209223;2L:-:32209276-32209223;2L:-:32209276-32209223;2L:-:32209276-32209223	exon=> In CDS Exon 2 of transcript AGAP006448-PB;exon=> In CDS Exon 2 of transcript AGAP006448-PA;exon=> In CDS Exon 1 of transcript AGAP006448-PC;exon=> In CDS Exon 2 of transcript AGAP006448-PD
JHU_Ag_20343	GGISAEPVTEEDATSYVK	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	128	2.50E-12	1	1852.883	1.25	Head	2L:-:32209276-32209223;2L:-:32209276-32209223;2L:-:32209276-32209223;2L:-:32209276-32209223	exon=> In CDS Exon 2 of transcript AGAP006448-PB;exon=> In CDS Exon 2 of transcript AGAP006448-PA;exon=> In CDS Exon 1 of transcript AGAP006448-PC;exon=> In CDS Exon 2 of transcript AGAP006448-PD
JHU_Ag_21969	VSILESLDK	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	40	0.001231919	2	1003.566	-0.9	Head	2L:-:32204266-32204473,32204011-32204152;2L:-:32204266-32204473,32204011-32204152;2L:-:32204266-32204473,32204011-32204152;2L:-:32204266-32204473,32204011-32204152	exon=> In CDS Exon 4 and 3 of transcript AGAP006448-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP006448-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP006448-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP006448-PD
JHU_Ag_31786	LGPSDYFGEIALLLDRPR	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	58	1.41E-05	1	2032.084	-1.33	Ovary	2L:-:32203912-32203859;2L:-:32203912-32203859;2L:-:32203912-32203859;2L:-:32203912-32203859	exon=> In CDS Exon 5 of transcript AGAP006448-PB;exon=> In CDS Exon 5 of transcript AGAP006448-PA;exon=> In CDS Exon 4 of transcript AGAP006448-PC;exon=> In CDS Exon 5 of transcript AGAP006448-PD
JHU_Ag_42352	LGPSDYFGEIALLLDRPR	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	41	0.000541168	1	2032.094	3.8	Head	2L:-:32203912-32203859;2L:-:32203912-32203859;2L:-:32203912-32203859;2L:-:32203912-32203859	exon=> In CDS Exon 5 of transcript AGAP006448-PB;exon=> In CDS Exon 5 of transcript AGAP006448-PA;exon=> In CDS Exon 4 of transcript AGAP006448-PC;exon=> In CDS Exon 5 of transcript AGAP006448-PD
JHU_Ag_92419	LTVADALEPVSFEDGETIVR	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	86	3.81E-08	1	2161.105	1.09	Head	2L:-:32204142-32204083;2L:-:32204142-32204083;2L:-:32204142-32204083;2L:-:32204142-32204083	exon=> In CDS Exon 4 of transcript AGAP006448-PB;exon=> In CDS Exon 4 of transcript AGAP006448-PA;exon=> In CDS Exon 3 of transcript AGAP006448-PC;exon=> In CDS Exon 4 of transcript AGAP006448-PD

JHU_Ag_95522	RGDSEEAAEVGR	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	69	1.49E-06	2	1275.588	-3.64	Head	2L:-:32204019-32204165,32203718-32203913;2L:-:32204019-32204165,32203718-32203913;2L:-:32204019-32204165,32203718-32203913	exon=> In CDS Exon 5 and 4 of transcript AGAP006448-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP006448-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006448-PC;exon=> In CDS Exon 5 and 4 of transcript AGAP006448-PD
JHU_Ag_102890	NVLFSHLDENER	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	82	1.05E-07	1	1472.712	-0.88	Head	2L:-:32209165-32209130;2L:-:32209165-32209130;2L:-:32209165-32209130;2L:-:32209165-32209130	exon=> In CDS Exon 2 of transcript AGAP006448-PB;exon=> In CDS Exon 2 of transcript AGAP006448-PA;exon=> In CDS Exon 1 of transcript AGAP006448-PC;exon=> In CDS Exon 2 of transcript AGAP006448-PD
JHU_Ag_107632	RNITQYNSFVSLSV	AGAP006448-PB,AGAP006448-PA,AGAP006448-PC,AGAP006448-PD	-	84	5.38E-08	1	1627.847	2.19	Head	2L:-:32203762-32203721;2L:-:32203762-32203721;2L:-:32203762-32203721;2L:-:32203762-32203721	exon=> In CDS Exon 5 of transcript AGAP006448-PB;exon=> In CDS Exon 5 of transcript AGAP006448-PA;exon=> In CDS Exon 4 of transcript AGAP006448-PC;exon=> In CDS Exon 5 of transcript AGAP006448-PD
JHU_Ag_43097	MPQTAVPPVR	AGAP006448-PC	M1(Oxidation)	34	0.003962 78	1	1111.584	-7.98	Male reproductive organs	2L:-:32209312-32209283	exon=> In CDS Exon 1 of transcript AGAP006448-PC
JHU_Ag_52479	LAADLLK	AGAP006451-PA	-	38	0.001610 042	1	743.467	0.71	Visceras	2L:-:32258830-32258810	exon=> In CDS Exon 3 of transcript AGAP006451-PA
JHU_Ag_57068	LAADLLK	AGAP006451-PA	-	43	0.000461 659	1	743.468	2.51	Midgut	2L:-:32258830-32258810	exon=> In CDS Exon 3 of transcript AGAP006451-PA
JHU_Ag_105887	QQWEK	AGAP006451-PA	Q2(Deamidated)	33	0.003539 85	2	719.332	-5.24	Midgut	2L:-:32262485-32262471	exon=> In CDS Exon 1 of transcript AGAP006451-PA
JHU_Ag_1518	GDMYDEQDVLEWLR	AGAP006452-PA	M3(Oxidation)	64	3.25E-06	1	1784.791	6.24	Larva	2L:+:32296334-32296375	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_1672	VLAEIEHIDDEADGAGINFVK	AGAP006452-PA	-	36	0.004211 337	1	2255.114	-2.39	Malpighian tubule	2L:+:32292176-32292238	exon=> In CDS Exon 17 of transcript AGAP006452-PA
JHU_Ag_2166	MDDVEEAKDYGVTK	AGAP006452-PA	-	67	2.25E-06	1	1599.721	0.22	Pupa	2L:+:32279866-32279907	exon=> In CDS Exon 9 of transcript AGAP006452-PA
JHU_Ag_2367	ELGVYALPGIVFFK	AGAP006452-PA	-	61	3.12E-06	2	1552.880	1.83	Visceras	2L:+:32292263-32292304	exon=> In CDS Exon 17 of transcript AGAP006452-PA
JHU_Ag_5284	DEIEDVTDEMLDK	AGAP006452-PA	M10(Oxidation)	101	4.59E-10	1	1567.672	2.77	Head	2L:+:32279625-32279663	exon=> In CDS Exon 8 of transcript AGAP006452-PA
JHU_Ag_5627	ATGDDDDVIEEVNAK	AGAP006452-PA	-	93	4.61E-09	1	1590.717	2.62	Larva	2L:+:32278835-32278879	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_5987	ALQELENIDDEADQLDIGFVK	AGAP006452-PA	-	139	1.83E-13	1	2375.170	3.52	Visceras	2L:+:32278562-32278624	exon=> In CDS Exon 5 of transcript AGAP006452-PA
JHU_Ag_7296	NPGGDVIEDLDGPK	AGAP006452-PA	-	74	6.36E-07	1	1425.688	1.3	Visceras	2L:+:32292456-32292497	exon=> In CDS Exon 18 of transcript AGAP006452-PA
JHU_Ag_7782	ALQELENIDDEADQLDIGFVK	AGAP006452-PA	-	120	1.56E-11	1	2375.170	3.52	Head	2L:+:32278562-32278624	exon=> In CDS Exon 5 of transcript AGAP006452-PA

JHU_Ag_10438	SIAVLFYDNNDKK	AGAP006452-PA	-	74	5.84E-07	1	1526.785	-0.26	Visceras	2L:+:32279682-32279700,32279774-32279793	exon=> In CDS Exon 8 and 9 of transcript AGAP006452-PA
JHU_Ag_11166	HGIMFVK	AGAP006452-PA	M4(Oxidation)	34	0.008416006	1	847.446	-4.33	Head	2L:+:32293441-32293461	exon=> In CDS Exon 19 of transcript AGAP006452-PA
JHU_Ag_11624	VSKEYGIDEVPAIVYFEK	AGAP006452-PA	-	53	5.60E-05	2	2086.090	7.32	Pupa	2L:+:32279117-32279143,32279520-32279546	exon=> In CDS Exon 7 and 8 of transcript AGAP006452-PA
JHU_Ag_11905	SIAVLFYDNNDKK	AGAP006452-PA	-	73	6.63E-07	1	1526.791	3.66	Pupa	2L:+:32279682-32279700,32279774-32279793	exon=> In CDS Exon 8 and 9 of transcript AGAP006452-PA
JHU_Ag_12608	ELADEIEEVNER	AGAP006452-PA	-	70	1.37E-06	1	1445.677	0.72	Head	2L:+:32295581-32295616	exon=> In CDS Exon 22 of transcript AGAP006452-PA
JHU_Ag_13440	EYGIDEVPAIVYFEK	AGAP006452-PA	-	88	2.19E-08	2	1771.884	2.82	Visceras	2L:+:32279126-32279143,32279520-32279546	exon=> In CDS Exon 7 and 8 of transcript AGAP006452-PA
JHU_Ag_13604	HIELIDDEAADYGILLVK	AGAP006452-PA	-	67	1.75E-06	1	2027.072	1.34	Head	2L:+:32291776-32291829	exon=> In CDS Exon 16 of transcript AGAP006452-PA
JHU_Ag_19118	LELIDSETDNLDITFVK	AGAP006452-PA	-	34	0.005265283	2	1965.012	2.93	Head	2L:+:32296193-32296243	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_19122	VLNELENIDDECDQLGINFVK	AGAP006452-PA	C12(Carbamidomethyl)	81	1.35E-07	2	2477.180	-2.76	Pupa	2L:+:32279803-32279865	exon=> In CDS Exon 9 of transcript AGAP006452-PA
JHU_Ag_20819	VASLDAAHK	AGAP006452-PA	-	54	2.47E-05	2	911.494	-0.67	Head	2L:+:32295832-32295858	exon=> In CDS Exon 23 of transcript AGAP006452-PA
JHU_Ag_23608	TDESIQEVER	AGAP006452-PA	-	42	0.000820071	2	1205.564	-0.5	Pupa	2L:+:32291585-32291614	exon=> In CDS Exon 15 of transcript AGAP006452-PA
JHU_Ag_24942	NPGGDVIEDLDGPK	AGAP006452-PA	-	38	0.002524445	1	1425.688	1.3	Male reproductive organs	2L:+:32292456-32292497	exon=> In CDS Exon 18 of transcript AGAP006452-PA
JHU_Ag_25274	ALQELENIDDEADQLDIGFVK	AGAP006452-PA	-	108	2.47E-10	2	2375.168	2.68	Pupa	2L:+:32278562-32278624	exon=> In CDS Exon 5 of transcript AGAP006452-PA
JHU_Ag_25552	SIAVLFYDNNDK	AGAP006452-PA	-	39	0.001795263	2	1398.692	1.55	Visceras	2L:+:32279682-32279700,32279774-32279790	exon=> In CDS Exon 8 and 9 of transcript AGAP006452-PA
JHU_Ag_26072	ATGDDDDVIEEVNAK	AGAP006452-PA	-	130	1.01E-12	1	1590.716	1.85	Head	2L:+:32278835-32278879	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_27626	VLNELENIDDECDQLGINFVK	AGAP006452-PA	C12(Carbamidomethyl)	123	7.95E-12	2	2477.187	0.3	Visceras	2L:+:32279803-32279865	exon=> In CDS Exon 9 of transcript AGAP006452-PA
JHU_Ag_30841	NEIEEVNRK	AGAP006452-PA	-	56	4.04E-05	1	1130.576	-3.74	Head	2L:+:32295988-32296014	exon=> In CDS Exon 23 of transcript AGAP006452-PA
JHU_Ag_33671	HQTPIVYEHELQREEDVLEWLVENK	AGAP006452-PA	-	136	2.98E-13	1	3133.566	2.09	Visceras	2L:+:32278691-32278715,32278785-32278834	exon=> In CDS Exon 5 and 6 of transcript AGAP006452-PA
JHU_Ag_40299	ATGDDDDVIEEVNAK	AGAP006452-PA	-	62	5.54E-06	2	1590.714	0.55	Ovary	2L:+:32278835-32278879	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_40557	MQHVAVLFYDKDSK	AGAP006452-PA	-	50	0.000163716	1	1680.839	-1.39	Visceras	2L:+:32280064-32280105	exon=> In CDS Exon 9 of transcript AGAP006452-PA
JHU_Ag_41215	YGVTTIPSLVYYR	AGAP006452-PA	-	42	0.000712832	2	1531.818	1.48	Visceras	2L:+:32295859-32295897	exon=> In CDS Exon 23 of transcript AGAP006452-PA
JHU_Ag_45794	IHDEDLAEEYNLGPLPK	AGAP006452-PA	-	114	5.95E-11	1	1952.963	1.59	Midgut	2L:+:32278625-32278675	exon=> In CDS Exon 5 of transcript AGAP006452-PA
JHU_Ag_49052	SIAVLFYDNNDK	AGAP006452-PA	-	50	0.000143915	2	1398.691	0.68	Pupa	2L:+:32279682-32279700,32279774-32279790	exon=> In CDS Exon 8 and 9 of transcript AGAP006452-PA
JHU_Ag_51391	TEDRIELITR	AGAP006452-PA	-	34	0.005436111	1	1245.673	-5.26	Head	2L:+:32293690-32293719	exon=> In CDS Exon 20 of transcript AGAP006452-PA

JHU_Ag_52179	TFPALVYFR	AGAP006452-PA	-	63	4.66E-06	2	1113.610	1.09	Visceras	2L:+:32295407-32295432,32295499-32295499	exon=> In CDS Exon 21 and 22 of transcript AGAP006452-PA
JHU_Ag_52258	NPGGDVIEDLDGPK	AGAP006452-PA	-	53	7.10E-05	2	1425.690	3.26	Larva	2L:+:32292456-32292497	exon=> In CDS Exon 18 of transcript AGAP006452-PA
JHU_Ag_53135	ATGDDDDVIEEVNAK	AGAP006452-PA	-	117	1.98E-11	1	1590.716	1.85	Visceras	2L:+:32278835-32278879	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_54053	VSKEYGIDEVPAIVYFEK	AGAP006452-PA	-	113	5.91E-11	1	2086.085	4.86	Head	2L:+:32279117-32279143,32279520-32279546	exon=> In CDS Exon 7 and 8 of transcript AGAP006452-PA
JHU_Ag_54775	ATGDDDDVIEEVNAK	AGAP006452-PA	-	80	1.13E-07	1	1590.722	5.92	Malpighian tubule	2L:+:32278835-32278879	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_54906	IHDEDLAEEYNLGPLPK	AGAP006452-PA	-	113	8.73E-11	1	1952.958	-0.97	Pupa	2L:+:32278625-32278675	exon=> In CDS Exon 5 of transcript AGAP006452-PA
JHU_Ag_55509	HGIQFVR	AGAP006452-PA	-	43	0.000342246	2	856.479	-0.38	Head	2L:+:32279081-32279101	exon=> In CDS Exon 7 of transcript AGAP006452-PA
JHU_Ag_55989	NPGGDVIEDLDGPK	AGAP006452-PA	-	68	2.56E-06	1	1425.686	0.1	Midgut	2L:+:32292456-32292497	exon=> In CDS Exon 18 of transcript AGAP006452-PA
JHU_Ag_56672	EYGIDEVPAIVYFEK	AGAP006452-PA	-	52	9.92E-05	2	1771.877	-0.97	Midgut	2L:+:32279126-32279143,32279520-32279546	exon=> In CDS Exon 7 and 8 of transcript AGAP006452-PA
JHU_Ag_57987	IHDEDLAEEYNLGPLPK	AGAP006452-PA	-	137	3.06E-13	1	1952.960	0.09	Visceras	2L:+:32278625-32278675	exon=> In CDS Exon 5 of transcript AGAP006452-PA
JHU_Ag_59024	MQHVAVLFYDK	AGAP006452-PA	M1(Oxidation)	65	4.37E-06	1	1366.683	0.17	Head	2L:+:32280064-32280096	exon=> In CDS Exon 9 of transcript AGAP006452-PA
JHU_Ag_62889	EYGIDEVPAIVYFEK	AGAP006452-PA	-	94	5.93E-09	2	1771.882	1.65	Head	2L:+:32279126-32279143,32279520-32279546	exon=> In CDS Exon 7 and 8 of transcript AGAP006452-PA
JHU_Ag_63700	EEDVLEWLVENK	AGAP006452-PA	-	94	7.01E-09	2	1502.739	0.95	Pupa	2L:+:32278799-32278834	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_64025	FPSIYR	AGAP006452-PA	-	35	0.002805463	2	782.418	-1.52	Visceras	2L:+:32296316-32296333	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_66356	LPAIVYFR	AGAP006452-PA	-	42	0.000204715	2	978.577	0.11	Visceras	2L:+:32296286-32296309	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_66553	GDMYDEQDVLEWLR	AGAP006452-PA	M3(Oxidation)	111	6.22E-11	1	1768.789	2.39	Visceras	2L:+:32296334-32296375	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_66750	VLAEIEHIDDEADGAGINFVK	AGAP006452-PA	-	88	3.03E-08	1	2255.119	-0.2	Visceras	2L:+:32292176-32292238	exon=> In CDS Exon 17 of transcript AGAP006452-PA
JHU_Ag_67817	EEDVLEWLVENK	AGAP006452-PA	-	81	1.33E-07	2	1502.743	3.71	Head	2L:+:32278799-32278834	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_71629	LPAIVYFR	AGAP006452-PA	-	45	8.82E-05	2	978.580	2.91	Pupa	2L:+:32296286-32296309	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_73209	SIAVLFYDNNDKK	AGAP006452-PA	-	50	0.000158787	1	1526.788	1.9	Midgut	2L:+:32279682-32279700,32279774-32279793	exon=> In CDS Exon 8 and 9 of transcript AGAP006452-PA
JHU_Ag_73415	IHDEDLAEEYNLGPLPK	AGAP006452-PA	-	132	1.05E-12	1	1952.962	0.84	Head	2L:+:32278625-32278675	exon=> In CDS Exon 5 of transcript AGAP006452-PA
JHU_Ag_73505	MDDVEEAKDYGVTK	AGAP006452-PA	-	79	1.37E-07	1	1599.713	-4.75	Midgut	2L:+:32279866-32279907	exon=> In CDS Exon 9 of transcript AGAP006452-PA
JHU_Ag_74506	VLAEIEHIDDEADGAGINFVK	AGAP006452-PA	-	101	1.50E-09	1	2255.118	-0.41	Head	2L:+:32292176-32292238	exon=> In CDS Exon 17 of transcript AGAP006452-PA
JHU_Ag_77509	TEDRIELITR	AGAP006452-PA	-	45	0.000475701	1	1245.679	-0.74	Visceras	2L:+:32293690-32293719	exon=> In CDS Exon 20 of transcript AGAP006452-PA
JHU_Ag_77535	MDDVEEAKDYGVTK	AGAP006452-PA	-	99	1.48E-09	1	1599.720	-0.77	Visceras	2L:+:32279866-32279907	exon=> In CDS Exon 9 of transcript AGAP006452-PA

JHU_Ag_83329	TFPALVYFR	AGAP006452-PA	-	45	0.000264815	2	1113.611	1.42	Pupa	2L:+:32295407-32295432,32295499-32295499	exon=> In CDS Exon 21 and 22 of transcript AGAP006452-PA
JHU_Ag_84153	YGVTTIPSLVYYR	AGAP006452-PA	-	55	3.17E-05	1	1531.822	4.51	Head	2L:+:32295859-32295897	exon=> In CDS Exon 23 of transcript AGAP006452-PA
JHU_Ag_88249	QASDYLAVFFYSDDCK	AGAP006452-PA	C15(Carbamidomethyl)	79	7.72E-08	2	1928.836	-0.36	Visceras	2L:+:32292031-32292061,32292147-32292163	exon=> In CDS Exon 16 and 17 of transcript AGAP006452-PA
JHU_Ag_88293	HQTPIVYEHELQR	AGAP006452-PA	-	67	3.07E-06	1	1649.838	-0.72	Pupa	2L:+:32278691-32278715,32278785-32278798	exon=> In CDS Exon 5 and 6 of transcript AGAP006452-PA
JHU_Ag_90313	EEDVLEWLVENK	AGAP006452-PA	-	62	1.08E-05	2	1502.747	6.47	Larva	2L:+:32278799-32278834	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_91185	SIAVLFYDNNDKK	AGAP006452-PA	-	69	1.71E-06	1	1526.790	3.26	Head	2L:+:32279682-32279700,32279774-32279793	exon=> In CDS Exon 8 and 9 of transcript AGAP006452-PA
JHU_Ag_92172	GDMYDEQDVLEWLR	AGAP006452-PA	M3(Oxidation)	73	4.22E-07	1	1784.790	5.7	Head	2L:+:32296334-32296375	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_92867	NPGGDVIEDLDGPK	AGAP006452-PA	-	81	1.26E-07	1	1425.688	1.64	Pupa	2L:+:32292456-32292497	exon=> In CDS Exon 18 of transcript AGAP006452-PA
JHU_Ag_93647	ATGDDDDVIEEVNAK	AGAP006452-PA	-	122	6.43E-12	1	1590.710	-2.14	Midgut	2L:+:32278835-32278879	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_94553	IIEDSDYVAVLFCTDHENCPPGNNNKPECK	AGAP006452-PA	C13(Carbamidomethyl), C19(Carbamidomethyl), C29(Carbamidomethyl)	102	3.17E-10	1	3535.555	-0.33	Visceras	2L:+:32273832-32273868,32278533-32278549	exon=> In CDS Exon 3 and 5 of transcript AGAP006452-PA
JHU_Ag_96115	EYGIDEVPAIVYFEK	AGAP006452-PA	-	79	2.10E-07	1	1771.884	2.61	Pupa	2L:+:32279126-32279143,32279520-32279546	exon=> In CDS Exon 7 and 8 of transcript AGAP006452-PA
JHU_Ag_98384	HQTPIVYEHELQR	AGAP006452-PA	Q2(Deamidated)	102	1.10E-09	1	1649.833	-3.74	Head	2L:+:32278691-32278715,32278785-32278798	exon=> In CDS Exon 5 and 6 of transcript AGAP006452-PA
JHU_Ag_101056	HQTPIVYEHELQR	AGAP006452-PA	-	70	1.68E-06	1	1649.839	-0.19	Visceras	2L:+:32278691-32278715,32278785-32278798	exon=> In CDS Exon 5 and 6 of transcript AGAP006452-PA
JHU_Ag_102353	LPAIVYFR	AGAP006452-PA	-	42	0.000182315	1	978.581	3.6	Larva	2L:+:32296286-32296309	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_103128	ATGDDDDVIEEVNAK	AGAP006452-PA	-	121	7.88E-12	1	1590.713	-0.3	Pupa	2L:+:32278835-32278879	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_103191	SIAVLFYDNNDK	AGAP006452-PA	-	77	2.91E-07	2	1398.692	1.11	Head	2L:+:32279682-32279700,32279774-32279790	exon=> In CDS Exon 8 and 9 of transcript AGAP006452-PA
JHU_Ag_104414	LPAIVYFR	AGAP006452-PA	-	36	0.001568296	2	978.576	-1.39	Head	2L:+:32296286-32296309	exon=> In CDS Exon 24 of transcript AGAP006452-PA
JHU_Ag_107655	ELGVYALPGIVFFK	AGAP006452-PA	-	52	2.19E-05	2	1552.883	3.48	Pupa	2L:+:32292263-32292304	exon=> In CDS Exon 17 of transcript AGAP006452-PA
JHU_Ag_108033	HIELIDDEAADYGILLVK	AGAP006452-PA	-	68	1.47E-06	1	2027.073	1.43	Visceras	2L:+:32291776-32291829	exon=> In CDS Exon 16 of transcript AGAP006452-PA
JHU_Ag_109246	IIEDSDYVAVLFCTDHENCPPGNNNKPECK	AGAP006452-PA	C13(Carbamidomethyl), C19(Carbamidomethyl), C29(Carbamidomethyl)	76	1.51E-07	1	3535.558	0.5	Head	2L:+:32273832-32273868,32278533-32278549	exon=> In CDS Exon 3 and 5 of transcript AGAP006452-PA
JHU_Ag_109969	LPAIVYFR	AGAP006452-PA	-	42	0.000194675	1	978.577	-0.2	Male reproductive organs	2L:+:32296286-32296309	exon=> In CDS Exon 24 of transcript AGAP006452-PA

JHU_Ag_110297	VLNELENIDDECDQLGINFVK	AGAP006452-PA	C12(Carbamidomethyl)	110	1.63E-10	2	2477.194	3.06	Head	2L:+:32279803-32279865	exon=> In CDS Exon 9 of transcript AGAP006452-PA
JHU_Ag_110768	HGIQFVR	AGAP006452-PA	-	43	0.000388453	1	856.478	-1.45	Pupa	2L:+:32279081-32279101	exon=> In CDS Exon 7 of transcript AGAP006452-PA
JHU_Ag_112793	VLAEIEHIDDEADGAGINFVK	AGAP006452-PA	-	78	2.67E-07	1	2255.124	2.23	Pupa	2L:+:32292176-32292238	exon=> In CDS Exon 17 of transcript AGAP006452-PA
JHU_Ag_113832	VMNWLTSQDVFEIK	AGAP006452-PA	-	39	0.001935811	2	1709.869	7.24	Visceras	2L:+:32295946-32295987	exon=> In CDS Exon 23 of transcript AGAP006452-PA
JHU_Ag_117800	EEDVLEWLVENK	AGAP006452-PA	-	91	1.34E-08	2	1502.740	1.84	Visceras	2L:+:32278799-32278834	exon=> In CDS Exon 6 of transcript AGAP006452-PA
JHU_Ag_133	VLNELENIDDELEKEEIVIAR	AGAP006452-PA,AGAP006452-PB	-	106	2.47E-10	1	2483.299	4.43	Malpighian tubule	2L:+:32280579-32280641;2L:+:32280579-32280641	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_1324	AAASAPAAAPEATIEEVSAK	AGAP006452-PA,AGAP006452-PB	-	46	0.000376954	1	1854.939	-2.74	Salivary gland	2L:+:32266812-32266871;2L:+:32266812-32266871	exon=> In CDS Exon 1 of transcript AGAP006452-PA;exon=> In CDS Exon 1 of transcript AGAP006452-PB
JHU_Ag_8009	AAASAPAAAPEATIEEVSAK	AGAP006452-PA,AGAP006452-PB	-	60	1.46E-05	2	1854.950	2.85	Pupa	2L:+:32266812-32266871;2L:+:32266812-32266871	exon=> In CDS Exon 1 of transcript AGAP006452-PA;exon=> In CDS Exon 1 of transcript AGAP006452-PB
JHU_Ag_9618	VLNELENIDDELEKEEIVIAR	AGAP006452-PA,AGAP006452-PB	-	182	7.40E-18	1	2483.295	2.94	Visceras	2L:+:32280579-32280641;2L:+:32280579-32280641	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_10941	IIAELENIDDECEEK	AGAP006452-PA,AGAP006452-PB	C12(Carbamidomethyl)	114	4.61E-11	1	1819.830	1.82	Head	2L:+:32281371-32281415;2L:+:32281371-32281415	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_11154	NLPSLVFFR	AGAP006452-PA,AGAP006452-PB	-	39	0.001199891	2	1092.620	-0.04	Ovary	2L:+:32281076-32281102;2L:+:32281076-32281102	exon=> In CDS Exon 12 of transcript AGAP006452-PA;exon=> In CDS Exon 7 of transcript AGAP006452-PB
JHU_Ag_12828	LETIDDDTDKHHIQFVK	AGAP006452-PA,AGAP006452-PB	-	86	3.44E-08	1	2054.025	3.07	Head	2L:+:32281778-32281828;2L:+:32281778-32281828	exon=> In CDS Exon 14 of transcript AGAP006452-PA;exon=> In CDS Exon 9 of transcript AGAP006452-PB
JHU_Ag_13512	FPALTYFR	AGAP006452-PA,AGAP006452-PB	-	58	1.25E-05	2	1014.542	0.84	Head	2L:+:32273603-32273625,32273702-32273702;2L:+:32273603-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB
JHU_Ag_13806	SCTTCDTVLAELEHIDDDTDSFGVDFVK	AGAP006452-PA,AGAP006452-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	32	0.003654702	1	3189.401	4.31	Visceras	2L:+:32273477-32273560;2L:+:32273477-32273560	exon=> In CDS Exon 2 of transcript AGAP006452-PA;exon=> In CDS Exon 2 of transcript AGAP006452-PB
JHU_Ag_14616	VLNELENIDDELEKEEIVIAR	AGAP006452-PA,AGAP006452-PB	-	181	8.06E-18	1	2483.296	3.33	Head	2L:+:32280579-32280641;2L:+:32280579-32280641	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_17227	LETIDDDTDKHHIQFVK	AGAP006452-PA,AGAP006452-PB	-	33	0.006709286	1	2054.015	-2.16	Midgut	2L:+:32281778-32281828;2L:+:32281778-32281828	exon=> In CDS Exon 14 of transcript AGAP006452-PA;exon=> In CDS Exon 9 of transcript AGAP006452-PB
JHU_Ag_18141	AAASAPAAAPEATIEEVSAK	AGAP006452-PA,AGAP006452-PB	-	77	2.44E-07	1	1854.951	3.38	Head	2L:+:32266812-32266871;2L:+:32266812-32266871	exon=> In CDS Exon 1 of transcript AGAP006452-PA;exon=> In CDS Exon 1 of transcript AGAP006452-PB
JHU_Ag_21017	NLPSLVFFR	AGAP006452-PA,AGAP006452-PB	-	55	3.25E-05	2	1092.621	0.51	Visceras	2L:+:32281076-32281102;2L:+:32281076-32281102	exon=> In CDS Exon 12 of transcript AGAP006452-PA;exon=> In CDS Exon 7 of transcript AGAP006452-PB
JHU_Ag_26104	AAASAPAAAPEATIEEVSAK	AGAP006452-PA,AGAP006452-PB	-	39	0.001559205	1	1854.953	4.76	Malpighian tubule	2L:+:32266812-32266871;2L:+:32266812-32266871	exon=> In CDS Exon 1 of transcript AGAP006452-PA;exon=> In CDS Exon 1 of transcript AGAP006452-PB

JHU_Ag_28543	GIPHIYEGDLLK	AGAP006452-PA,AGAP006452-PB	-	57	1.80E-05	1	1354.739	2.1	Head	2L:+:32280318-32280353;2L:+:32280318-32280353	exon=> In CDS Exon 10 of transcript AGAP006452-PA;exon=> In CDS Exon 5 of transcript AGAP006452-PB
JHU_Ag_31064	IIAELENIDDECEEKDIDFVK	AGAP006452-PA,AGAP006452-PB	C12(Carbamidomethyl)	55	5.06E-05	1	2537.197	0.3	Midgut	2L:+:32281371-32281433;2L:+:32281371-32281433	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_31928	VLNELENIDDELEKEEIVIAR	AGAP006452-PA,AGAP006452-PB	-	169	1.48E-16	1	2483.294	2.44	Pupa	2L:+:32280579-32280641;2L:+:32280579-32280641	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_33786	EEELLGWLVHQK	AGAP006452-PA,AGAP006452-PB	-	80	1.12E-07	2	1480.782	1.69	Pupa	2L:+:32280354-32280389;2L:+:32280354-32280389	exon=> In CDS Exon 10 of transcript AGAP006452-PA;exon=> In CDS Exon 5 of transcript AGAP006452-PB
JHU_Ag_41237	RHSEIPEITDEMK	AGAP006452-PA,AGAP006452-PB	M12(Oxidation)	72	1.00E-06	1	1600.759	-3.19	Head	2L:+:32280390-32280428;2L:+:32280390-32280428	exon=> In CDS Exon 10 of transcript AGAP006452-PA;exon=> In CDS Exon 5 of transcript AGAP006452-PB
JHU_Ag_42856	LETIDDDTDKHHIQFVK	AGAP006452-PA,AGAP006452-PB	-	92	7.96E-09	1	2054.021	0.84	Pupa	2L:+:32281778-32281828;2L:+:32281778-32281828	exon=> In CDS Exon 14 of transcript AGAP006452-PA;exon=> In CDS Exon 9 of transcript AGAP006452-PB
JHU_Ag_43172	SCTTCDTVLAELEHIDDDTDSFGVDFVK	AGAP006452-PA,AGAP006452-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	79	7.39E-08	1	3189.390	0.86	Midgut	2L:+:32273477-32273560;2L:+:32273477-32273560	exon=> In CDS Exon 2 of transcript AGAP006452-PA;exon=> In CDS Exon 2 of transcript AGAP006452-PB
JHU_Ag_44553	IIAELENIDDECEEK	AGAP006452-PA,AGAP006452-PB	C12(Carbamidomethyl)	120	1.20E-11	1	1819.829	1.28	Visceras	2L:+:32281371-32281415;2L:+:32281371-32281415	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_45723	FPALTYFR	AGAP006452-PA,AGAP006452-PB	-	41	0.000719684	1	1014.540	-0.3	Male reproductive organs	2L:+:32273603-32273625,32273702-32273702;2L:+:32273603-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB
JHU_Ag_49835	NLPSLVFFR	AGAP006452-PA,AGAP006452-PB	-	34	0.003444623	1	1092.621	0.63	Head	2L:+:32281076-32281102;2L:+:32281076-32281102	exon=> In CDS Exon 12 of transcript AGAP006452-PA;exon=> In CDS Exon 7 of transcript AGAP006452-PB
JHU_Ag_51019	NLPSLVFFR	AGAP006452-PA,AGAP006452-PB	-	67	1.15E-06	1	1092.622	1.85	Pupa	2L:+:32281076-32281102;2L:+:32281076-32281102	exon=> In CDS Exon 12 of transcript AGAP006452-PA;exon=> In CDS Exon 7 of transcript AGAP006452-PB
JHU_Ag_55291	VLAELENIDDECDQNDIAFVK	AGAP006452-PA,AGAP006452-PB	C12(Carbamidomethyl)	107	2.72E-10	2	2450.139	-0.03	Visceras	2L:+:32280118-32280180;2L:+:32280118-32280180	exon=> In CDS Exon 9 of transcript AGAP006452-PA;exon=> In CDS Exon 4 of transcript AGAP006452-PB
JHU_Ag_58056	FPALTYFR	AGAP006452-PA,AGAP006452-PB	-	49	0.000107811	1	1014.541	0.06	Midgut	2L:+:32273603-32273625,32273702-32273702;2L:+:32273603-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB
JHU_Ag_61302	FPALTYFR	AGAP006452-PA,AGAP006452-PB	-	35	0.002374988	1	1014.541	-0.06	Salivary gland	2L:+:32273603-32273625,32273702-32273702;2L:+:32273603-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB

JHU_Ag_62403	VLNELENIDDELEK	AGAP006452-PA,AGAP006452-PB	-	98	2.46E-09	1	1672.834	3.66	Pupa	2L:+:32280579-32280620;2L:+:32280579-32280620	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_65248	EEELLGWLVHQK	AGAP006452-PA,AGAP006452-PB	-	75	3.48E-07	1	1480.782	1.45	Visceras	2L:+:32280354-32280389;2L:+:32280354-32280389	exon=> In CDS Exon 10 of transcript AGAP006452-PA;exon=> In CDS Exon 5 of transcript AGAP006452-PB
JHU_Ag_65411	VLNELENIDDELEKEEIVIAR	AGAP006452-PA,AGAP006452-PB	-	127	2.51E-12	1	2483.285	-1.17	Midgut	2L:+:32280579-32280641;2L:+:32280579-32280641	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_66082	EWGIEELPTMILFER	AGAP006452-PA,AGAP006452-PB	-	74	5.06E-07	2	1862.940	2.18	Visceras	2L:+:32280205-32280234,32280303-32280317;2L:+:32280205-32280234,32280303-32280317	exon=> In CDS Exon 9 and 10 of transcript AGAP006452-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP006452-PB
JHU_Ag_67879	IIAELENIDDECEEKDIDFVK	AGAP006452-PA,AGAP006452-PB	C12(Carbamidomethyl)	96	4.33E-09	2	2537.197	0.04	Visceras	2L:+:32281371-32281433;2L:+:32281371-32281433	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_69784	GIPHIYEGDLLKEEELLGWLVHQK	AGAP006452-PA,AGAP006452-PB	-	133	2.44E-13	1	2816.507	2.93	Visceras	2L:+:32280318-32280389;2L:+:32280318-32280389	exon=> In CDS Exon 10 of transcript AGAP006452-PA;exon=> In CDS Exon 5 of transcript AGAP006452-PB
JHU_Ag_71879	QYGITKFPALTYFR	AGAP006452-PA,AGAP006452-PB	-	41	0.001026422	1	1704.916	2.83	Pupa	2L:+:32273585-32273625,32273702;2L:+:32273585-32273625,32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB
JHU_Ag_72455	ILDDLENIDDELDEAGIIFVTTEDMVTAK	AGAP006452-PA,AGAP006452-PB	M25(Oxidation)	105	3.73E-10	1	3237.568	2.09	Visceras	2L:+:32280900-32280975,32281050-32281060;2L:+:32280900-32280975,32281050-32281060	exon=> In CDS Exon 11 and 12 of transcript AGAP006452-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP006452-PB
JHU_Ag_72739	EYDLETLPALVFYR	AGAP006452-PA,AGAP006452-PB	-	52	8.57E-05	2	1728.889	2.87	Head	2L:+:32281458-32281499;2L:+:32281458-32281499	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_74939	EEELLGWLVHQK	AGAP006452-PA,AGAP006452-PB	-	74	3.79E-07	1	1480.787	4.99	Head	2L:+:32280354-32280389;2L:+:32280354-32280389	exon=> In CDS Exon 10 of transcript AGAP006452-PA;exon=> In CDS Exon 5 of transcript AGAP006452-PB
JHU_Ag_77714	TSDEDIDKEYDLETLPALVFYR	AGAP006452-PA,AGAP006452-PB	-	123	6.63E-12	1	2632.276	3.73	Visceras	2L:+:32281434-32281499;2L:+:32281434-32281499	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_80952	VLAELENIDDECDQNDIAFVK	AGAP006452-PA,AGAP006452-PB	C12(Carbamidomethyl)	104	5.47E-10	2	2450.142	1.06	Head	2L:+:32280118-32280180;2L:+:32280118-32280180	exon=> In CDS Exon 9 of transcript AGAP006452-PA;exon=> In CDS Exon 4 of transcript AGAP006452-PB
JHU_Ag_81693	VLNELENIDDELEK	AGAP006452-PA,AGAP006452-PB	-	126	3.63E-12	1	1672.831	2.27	Head	2L:+:32280579-32280620;2L:+:32280579-32280620	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_81808	AAASAPAAAPEATIEEVSAK	AGAP006452-PA,AGAP006452-PB	-	80	1.37E-07	1	1854.948	2.13	Visceras	2L:+:32266812-32266871;2L:+:32266812-32266871	exon=> In CDS Exon 1 of transcript AGAP006452-PA;exon=> In CDS Exon 1 of transcript AGAP006452-PB

JHU_Ag_86251	LLEDKDYVAVYWYAR	AGAP006452-PA,AGAP006452-PB	-	61	1.23E-05	1	1903.961	1.3	Visceras	2L:+:32266884-32266920,32273469-32273476;2L:+:32266884-32266920,32273469-32273476	exon=> In CDS Exon 1 and 2 of transcript AGAP006452-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP006452-PB
JHU_Ag_87091	QYGITKFPALTYFR	AGAP006452-PA,AGAP006452-PB	-	40	0.000984704	1	1704.919	4.87	Malpighian tubule	2L:+:32273585-32273625,32273702-32273702;2L:+:32273585-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB
JHU_Ag_87706	IIAELENIDDECEEK	AGAP006452-PA,AGAP006452-PB	C12(Carbamidomethyl)	81	9.93E-08	2	1819.830	1.95	Pupa	2L:+:32281371-32281415;2L:+:32281371-32281415	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_95667	FPALTYFR	AGAP006452-PA,AGAP006452-PB	-	53	5.43E-05	1	1014.543	1.86	Visceras	2L:+:32273603-32273625,32273702-32273702;2L:+:32273603-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB
JHU_Ag_104918	IDDDNEAKEWGIEELPTMILFER	AGAP006452-PA,AGAP006452-PB	M18(Oxidation)	65	4.04E-06	1	2779.321	2.81	Visceras	2L:+:32280181-32280234,32280303-32280317;2L:+:32280181-32280234,32280303-32280317	exon=> In CDS Exon 9 and 10 of transcript AGAP006452-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP006452-PB
JHU_Ag_108769	VLNELENIDDELEK	AGAP006452-PA,AGAP006452-PB	-	104	5.71E-10	1	1672.826	-1.09	Visceras	2L:+:32280579-32280620;2L:+:32280579-32280620	exon=> In CDS Exon 11 of transcript AGAP006452-PA;exon=> In CDS Exon 6 of transcript AGAP006452-PB
JHU_Ag_108805	AAASAPAAAPEATIEEVSAKQLER	AGAP006452-PA,AGAP006452-PB	-	49	0.000122464	1	2381.245	6.12	Malpighian tubule	2L:+:32266812-32266883;2L:+:32266812-32266883	exon=> In CDS Exon 1 of transcript AGAP006452-PA;exon=> In CDS Exon 1 of transcript AGAP006452-PB
JHU_Ag_110111	LETIDDDTDKHHIQFVK	AGAP006452-PA,AGAP006452-PB	-	101	1.02E-09	1	2054.017	-0.9	Visceras	2L:+:32281778-32281828;2L:+:32281778-32281828	exon=> In CDS Exon 14 of transcript AGAP006452-PA;exon=> In CDS Exon 9 of transcript AGAP006452-PB
JHU_Ag_112177	HHIQFVK	AGAP006452-PA,AGAP006452-PB	Q4(Deamidated)	43	0.000403955	1	908.513	3.17	Head	2L:+:32281808-32281828;2L:+:32281808-32281828	exon=> In CDS Exon 14 of transcript AGAP006452-PA;exon=> In CDS Exon 9 of transcript AGAP006452-PB
JHU_Ag_113186	FPALTYFR	AGAP006452-PA,AGAP006452-PB	-	54	4.81E-05	2	1014.543	1.86	Pupa	2L:+:32273603-32273625,32273702-32273702;2L:+:32273603-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB

JHU_Ag_114915	FPALTYFR	AGAP006452-PA,AGAP006452-PB	-	42	0.000554807	2	1014.541	-0.12	Ovary	2L:+:32273603-32273625,32273702-32273702;2L:+:32273603-32273625,32273702-32273702	exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006452-PB
JHU_Ag_117355	TSDEDIDKEYDLETLPALVFYR	AGAP006452-PA,AGAP006452-PB	-	106	3.64E-10	1	2632.276	3.46	Head	2L:+:32281434-32281499;2L:+:32281434-32281499	exon=> In CDS Exon 13 of transcript AGAP006452-PA;exon=> In CDS Exon 8 of transcript AGAP006452-PB
JHU_Ag_13071	YTDGVEDLDREDR	AGAP006452-PB	-	55	2.52E-05	1	1582.701	1.62	Head	2L:+:32284009-32284047	exon=> In CDS Exon 11 of transcript AGAP006452-PB
JHU_Ag_14352	ILQWLIDHK	AGAP006452-PB	-	50	4.36E-05	1	1165.673	0.45	Visceras	2L:+:32282112-32282138	exon=> In CDS Exon 10 of transcript AGAP006452-PB
JHU_Ag_27822	LDAVEQPK	AGAP006452-PB	-	38	0.001558917	1	899.482	-1.08	Head	2L:+:32284096-32284119	exon=> In CDS Exon 11 of transcript AGAP006452-PB
JHU_Ag_67242	YTDGVEDLDREDR	AGAP006452-PB	-	52	4.78E-05	1	1582.697	-0.38	Visceras	2L:+:32284009-32284047	exon=> In CDS Exon 11 of transcript AGAP006452-PB
JHU_Ag_70097	LAHEIGIFSFPALVYYETGVPIMYDGNLK	AGAP006452-PB	-	61	8.28E-06	1	3257.663	1.28	Visceras	2L:+:32281844-32281919,32282089-32282099	exon=> In CDS Exon 9 and 10 of transcript AGAP006452-PB
JHU_Ag_72954	RILQWLIDHK	AGAP006452-PB	-	48	4.04E-05	1	1321.773	-1.02	Visceras	2L:+:32282109-32282138	exon=> In CDS Exon 10 of transcript AGAP006452-PB
JHU_Ag_101992	GRLLIR	AGAP006453-PA	-	32	0.002138701	2	727.483	-14.77	Midgut	2L:-:32302874-32302857	exon=> In CDS Exon 2 of transcript AGAP006453-PA
JHU_Ag_3186	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	90	1.76E-08	1	1589.796	-2.02	Midgut	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_4419	RDFPLSGYVELR	AGAP006456-PA	-	80	1.16E-07	1	1451.761	-2.25	Head	2L:+:32355791-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_5199	DHHNAQFANLVDIAGMDVPSRPYR	AGAP006456-PA	M16(Oxidation)	57	2.92E-05	1	2739.302	-1.31	Head	2L:+:32355497-32355568	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_6043	DFPLSGYVELR	AGAP006456-PA	-	54	5.57E-05	2	1295.664	0.42	Salivary gland	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_6334	EIWDMYGVFFANHPDLR	AGAP006456-PA	M5(Oxidation)	68	2.46E-06	1	2125.988	3.6	Pupa	2L:+:32355698-32355748	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_7580	RILTDYGFEGHPQR	AGAP006456-PA	-	83	9.72E-08	1	1688.851	0.32	Visceras	2L:+:32355749-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_8705	AANWYER	AGAP006456-PA	-	37	0.00237727	2	909.421	-0.47	Head	2L:+:32355677-32355697	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_10045	YVAECMPK	AGAP006456-PA	C5(Carbamidomethyl),M6(Oxidation)	42	0.000383083	2	1013.443	0.17	Midgut	2L:+:32355383-32355406	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_11014	TYTDELTPIDSCNEVFK	AGAP006456-PA	C12(Carbamidomethyl)	108	1.70E-10	1	2031.927	2.66	Malpighian tubule	2L:+:32355626-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_11695	VVCEPLELAQEFRK	AGAP006456-PA	C3(Carbamidomethyl)	125	4.60E-12	1	1717.897	1.33	Visceras	2L:+:32355848-32355889	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_12714	FDLSAPWEQFPNFR	AGAP006456-PA	-	84	5.95E-08	1	1753.836	1.64	Head	2L:+:32355890-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_13484	DHHNAQFANLVDIAGMDVPSRPYR	AGAP006456-PA	M16(Oxidation)	104	5.90E-10	1	2739.314	2.88	Visceras	2L:+:32355497-32355568	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_15726	SELSEFGKYVAECMPK	AGAP006456-PA	C13(Carbamidomethyl),M14(Oxidation),C13(Carbamidomethyl)	87	2.69E-08	1	1890.870	4.65	Malpighian tubule	2L:+:32355359-32355406	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_16414	SELSEFGK	AGAP006456-PA	-	38	0.001787978	1	896.435	-1.15	Head	2L:+:32355359-32355382	exon=> In CDS Exon 3 of transcript AGAP006456-PA

JHU_Ag_16982	FEIIYNILSLR	AGAP006456-PA	-	61	3.10E-06	2	1380.794	3.9	Malpighian tubule	2L:+:32355569-32355601	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_17456	KFDLSAPWEQFPNFR	AGAP006456-PA	-	69	1.98E-06	1	1881.929	0.55	Male reproductive organs	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_19005	KFDLSAPWEQFPNFR	AGAP006456-PA	-	87	3.32E-08	1	1881.933	2.33	Pupa	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_19331	DFPLSGYVELR	AGAP006456-PA	-	102	7.15E-10	1	1295.665	1.55	Visceras	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_19374	SELSEFGK	AGAP006456-PA	-	40	0.00103419	1	896.437	0.74	Malpighian tubule	2L:+:32355359-32355382	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_20681	TYTDELTPIDSCNEVFK	AGAP006456-PA	C12(Carbamidomethyl)	85	3.79E-08	1	2031.924	1.1	Visceras	2L:+:32355626-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_20956	FEIIYNILSLR	AGAP006456-PA	-	77	6.84E-08	2	1380.793	2.93	Visceras	2L:+:32355569-32355601	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_21488	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	86	4.69E-08	1	1589.804	3.2	Pupa	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_23100	KFDLSAPWEQFPNFR	AGAP006456-PA	-	94	5.84E-09	2	1881.924	-2.04	Head	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_23378	DHHNAQFANLVDIAGMDVPSRPYR	AGAP006456-PA	M16(Oxidation)	91	1.15E-08	1	2723.321	3.81	Malpighian tubule	2L:+:32355497-32355568	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_29117	RVVCEPLELAQEFR	AGAP006456-PA	C4(Carbamidomethyl)	55	5.07E-05	1	1745.903	1.44	Visceras	2L:+:32355845-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_30200	EIWDMYGVFFANHPDLR	AGAP006456-PA	M5(Oxidation)	141	1.20E-13	1	2109.991	2.87	Visceras	2L:+:32355698-32355748	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_30323	STEPAAESRPTVR	AGAP006456-PA	-	33	0.00627148	1	1400.713	0.17	Midgut	2L:+:32355228-32355255,32355327-32355337	exon=> In CDS Exon 2 and 3 of transcript AGAP006456-PA
JHU_Ag_30579	KFDLSAPWEQFPNFR	AGAP006456-PA	-	98	2.11E-09	1	1881.945	9.11	Malpighian tubule	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_33129	NANPATEEVATKPAEK	AGAP006456-PA	-	132	1.05E-12	1	1669.839	0.1	Visceras	2L:+:32355932-32355979	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_33339	VVCEPLELAQEFRK	AGAP006456-PA	C3(Carbamidomethyl)	104	5.74E-10	1	1717.894	0.12	Midgut	2L:+:32355848-32355889	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_33591	AANWYER	AGAP006456-PA	-	52	7.60E-05	2	909.422	0.87	Visceras	2L:+:32355677-32355697	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_34120	TYTDELTPIDSCNEVFK	AGAP006456-PA	C12(Carbamidomethyl)	83	6.83E-08	1	2031.922	0.38	Head	2L:+:32355626-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_34542	KFDLSAPWEQFPNFR	AGAP006456-PA	-	57	2.74E-05	1	1881.932	1.74	Ovary	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_34578	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	98	2.75E-09	1	1589.806	4.27	Male reproductive organs	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_35239	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	107	3.15E-10	1	1589.803	2.51	Malpighian tubule	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_36224	NANPATEEVATKPAEK	AGAP006456-PA	N1(Deamidated)	129	2.18E-12	1	1669.844	3.02	Pupa	2L:+:32355932-32355979	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_36396	RVVCEPLELAQEFR	AGAP006456-PA	C4(Carbamidomethyl), Q11(Deamidated),C4(Carbamidomethyl)	70	1.59E-06	1	1745.896	-2.65	Head	2L:+:32355845-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_36529	FEIIYNILSLR	AGAP006456-PA	-	83	2.02E-08	1	1380.794	3.72	Salivary gland	2L:+:32355569-32355601	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_39971	FDLSAPWEQFPNFR	AGAP006456-PA	-	74	7.36E-07	1	1753.841	4.63	Malpighian tubule	2L:+:32355890-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_40874	FDLSAPWEQFPNFR	AGAP006456-PA	-	57	2.82E-05	2	1753.830	-1.71	Ovary	2L:+:32355890-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_41998	VVCEPLELAQEFRK	AGAP006456-PA	C3(Carbamidomethyl)	106	3.74E-10	1	1717.894	-0.17	Head	2L:+:32355848-32355889	exon=> In CDS Exon 3 of transcript AGAP006456-PA

JHU_Ag_42657	NANPATEEVATKPAEK	AGAP006456-PA	-	140	1.48E-13	1	1669.842	1.85	Malpighian tubule	2L:+:32355932-32355979	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_43532	TYTDELTPIDSCNEVFK	AGAP006456-PA	C12(Carbamidomethyl)	81	9.66E-08	1	2031.923	0.74	Male reproductive organs	2L:+:32355626-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_44080	DFPLSGYVELR	AGAP006456-PA	-	87	3.11E-08	1	1295.660	-2.03	Head	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_45232	EIWDMYGVFFANHPDLR	AGAP006456-PA	M5(Oxidation)	45	0.000521167	1	2125.985	2.48	Male reproductive organs	2L:+:32355698-32355748	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_47722	NANPATEEVATKPAEK	AGAP006456-PA	-	110	1.49E-10	1	1669.852	7.7	Midgut	2L:+:32355932-32355979	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_48250	EIWDMYGVFFANHPDLR	AGAP006456-PA	-	43	0.000841452	1	2109.996	4.98	Malpighian tubule	2L:+:32355698-32355748	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_49033	NANPATEEVATKPAEK	AGAP006456-PA	-	45	0.000471095	2	1669.837	-1.07	Salivary gland	2L:+:32355932-32355979	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_50167	STEPAAESRPTVR	AGAP006456-PA	-	47	0.000276293	1	1400.713	0.11	Visceras	2L:+:32355228-32355255,32355327-32355337	exon=> In CDS Exon 2 and 3 of transcript AGAP006456-PA
JHU_Ag_54643	RVVCEPLELAQEFR	AGAP006456-PA	C4(Carbamidomethyl)	76	3.36E-07	1	1745.905	2.68	Midgut	2L:+:32355845-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_55471	VKTYTDELTPIDSCNEVFK	AGAP006456-PA	C14(Carbamidomethyl)	73	7.79E-07	1	2259.086	0.64	Malpighian tubule	2L:+:32355620-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_56350	NANPATEEVATKPAEK	AGAP006456-PA	-	140	1.58E-13	1	1669.841	1.19	Head	2L:+:32355932-32355979	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_56900	VQLTSGDELEVLIAPEGVVPVLQFLK	AGAP006456-PA	-	53	8.45E-06	2	2793.574	3.24	Midgut	2L:+:32355419-32355496	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_57021	RVVCEPLELAQEFR	AGAP006456-PA	C4(Carbamidomethyl)	58	1.86E-05	1	1745.913	7.08	Ovary	2L:+:32355845-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_58052	DHHNAQFANLVDIAGMDVPSRPYR	AGAP006456-PA	M16(Oxidation)	84	5.38E-08	1	2739.306	0.21	Midgut	2L:+:32355497-32355568	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_58244	SELSEFGK	AGAP006456-PA	-	42	0.000717134	1	896.436	-0.35	Pupa	2L:+:32355359-32355382	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_58658	EIWDMYGVFFANHPDLRR	AGAP006456-PA	-	70	1.74E-06	1	2266.080	-2.98	Midgut	2L:+:32355698-32355751	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_58872	ILTDYGFEGHPQR	AGAP006456-PA	-	104	7.22E-10	1	1532.753	2.66	Malpighian tubule	2L:+:32355752-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_60317	ILTDYGFEGHPQR	AGAP006456-PA	-	101	1.49E-09	1	1532.750	0.75	Male reproductive organs	2L:+:32355752-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_62594	DFPLSGYVELR	AGAP006456-PA	-	67	2.82E-06	1	1295.667	3.15	Male reproductive organs	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_64922	ILTDYGFEGHPQR	AGAP006456-PA	-	74	6.69E-07	1	1532.750	0.27	Salivary gland	2L:+:32355752-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_67022	KFDLSAPWEQFPNFR	AGAP006456-PA	-	109	1.90E-10	1	1881.927	-0.68	Midgut	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_69300	FEIIYNILSLR	AGAP006456-PA	-	88	6.92E-09	2	1380.790	1.33	Head	2L:+:32355569-32355601	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_69324	ILTDYGFEGHPQR	AGAP006456-PA	-	100	1.64E-09	1	1532.746	-2.04	Midgut	2L:+:32355752-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_69559	FEIIYNILSLR	AGAP006456-PA	-	97	8.45E-10	2	1380.788	-0.43	Midgut	2L:+:32355569-32355601	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_70977	RILTDYGFEGHPQR	AGAP006456-PA	-	65	6.37E-06	1	1688.846	-2.83	Head	2L:+:32355749-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_71010	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	89	1.89E-08	1	1589.800	0.74	Ovary	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_72509	AANWYER	AGAP006456-PA	-	36	0.003055558	2	909.422	0.87	Malpighian tubule	2L:+:32355677-32355697	exon=> In CDS Exon 3 of transcript AGAP006456-PA

JHU_Ag_74920	ILTDYGFEGHPQR	AGAP006456-PA	-	94	7.18E-09	1	1532.750	0.51	Visceras	2L:+:32355752-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_79544	ILTDYGFEGHPQRR	AGAP006456-PA	-	39	0.002407738	1	1688.853	1.4	Malpighian tubule	2L:+:32355752-32355793	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_80948	SELSEFGK	AGAP006456-PA	-	35	0.002989511	2	896.436	0.06	Visceras	2L:+:32355359-32355382	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_82504	DFPLSGYVELR	AGAP006456-PA	-	91	1.12E-08	1	1295.667	2.87	Pupa	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_85972	RVVCEPLELAQEFR	AGAP006456-PA	C4(Carbamidomethyl)	90	1.46E-08	1	1745.907	3.79	Malpighian tubule	2L:+:32355845-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_86174	ILTDYGFEGHPQR	AGAP006456-PA	-	109	2.20E-10	1	1532.750	0.59	Head	2L:+:32355752-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_87386	NANPATEEVATKPAEK	AGAP006456-PA	-	78	2.20E-07	1	1669.840	0.17	Male reproductive organs	2L:+:32355932-32355979	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_91059	FEIIYNILSLR	AGAP006456-PA	-	79	3.76E-08	2	1380.795	4.78	Ovary	2L:+:32355569-32355601	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_94013	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	111	1.30E-10	1	1589.802	1.82	Visceras	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_95362	TYTDELTPIDSCNEVFK	AGAP006456-PA	C12(Carbamidomethyl)	40	0.001118885	1	2031.925	1.64	Salivary gland	2L:+:32355626-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_96069	STEPAAESRPTVR	AGAP006456-PA	-	64	4.99E-06	1	1400.713	0.17	Head	2L:+:32355228-32355255,32355327-32355337	exon=> In CDS Exon 2 and 3 of transcript AGAP006456-PA
JHU_Ag_97342	VQLTSGDELEVLIAPEGVVPVLQFLK	AGAP006456-PA	-	68	2.78E-07	2	2793.573	2.98	Visceras	2L:+:32355419-32355496	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_97958	DFPLSGYVELR	AGAP006456-PA	-	92	8.09E-09	1	1295.665	1.74	Malpighian tubule	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_98364	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	85	5.45E-08	1	1589.800	0.36	Salivary gland	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_98719	FDLSAPWEQFPNFR	AGAP006456-PA	-	86	4.19E-08	2	1753.828	-3.1	Midgut	2L:+:32355890-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_99638	RDFPLSGYVELR	AGAP006456-PA	-	60	0.0000129	3	1451.766	1.03	Visceras	2L:+:32355791-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_101562	TYTDELTPIDSCNEVFK	AGAP006456-PA	C12(Carbamidomethyl)	104	4.43E-10	1	2031.917	-2.2	Midgut	2L:+:32355626-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_102182	FDLSAPWEQFPNFR	AGAP006456-PA	-	79	2.26E-07	1	1753.840	4	Visceras	2L:+:32355890-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_102287	FEIIYNILSLR	AGAP006456-PA	-	58	5.29E-06	2	1380.792	2.22	Pupa	2L:+:32355569-32355601	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_103813	VQLTSGDELEVLIAPEGVVPVLQFLK	AGAP006456-PA	-	56	4.72E-06	1	2793.568	1.14	Ovary	2L:+:32355419-32355496	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_103873	EIWDMYGVFFANHPDLR	AGAP006456-PA	M5(Oxidation)	127	2.96E-12	1	2109.983	-1.06	Midgut	2L:+:32355698-32355748	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_105965	VVCEPLELAQEFR	AGAP006456-PA	C3(Carbamidomethyl)	115	4.81E-11	1	1589.803	2.28	Head	2L:+:32355848-32355886	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_108118	KFDLSAPWEQFPNFR	AGAP006456-PA	-	109	1.78E-10	1	1881.929	0.36	Visceras	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_111079	DFPLSGYVELR	AGAP006456-PA	-	75	3.60E-07	2	1295.662	-1.18	Midgut	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_111133	TYTDELTPIDSCNEVFK	AGAP006456-PA	C12(Carbamidomethyl)	46	0.000290339	1	2031.916	-2.62	Pupa	2L:+:32355626-32355676	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_111554	KFDLSAPWEQFPNFR	AGAP006456-PA	-	93	6.73E-09	1	1881.934	2.82	Larva	2L:+:32355887-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_111586	DHHNAQFANLVDIAGMDVPSRPYR	AGAP006456-PA	M16(Oxidation)	75	4.19E-07	1	2739.310	1.63	Pupa	2L:+:32355497-32355568	exon=> In CDS Exon 3 of transcript AGAP006456-PA

JHU_Ag_114007	ILTDYGFEGHPQR	AGAP006456-PA	-	114	6.98E-11	1	1532.752	1.86	Pupa	2L:+:32355752-32355790	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_114070	EIWDMYGVFFANHPDLR	AGAP006456-PA	M5(Oxidation)	74	6.60E-07	1	2125.992	5.41	Head	2L:+:32355698-32355748	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_114627	DFPLSGYVELR	AGAP006456-PA	-	82	7.73E-08	1	1295.665	1.64	Ovary	2L:+:32355794-32355826	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_114872	FDLSAPWEQFPNFR	AGAP006456-PA	-	47	0.000338 27	2	1753.842	5.05	Male reproductive organs	2L:+:32355890-32355931	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_115933	KPDAAAR	AGAP006456-PA	-	45	0.000226 641	2	728.405	-0.58	Head	2L:+:32355338-32355358	exon=> In CDS Exon 3 of transcript AGAP006456-PA
JHU_Ag_116042	STEPAAESRPTVR	AGAP006456-PA	-	40	0.001410 492	1	1400.716	1.94	Malpighian tubule	2L:+:32355228-32355255,32355327-32355337	exon=> In CDS Exon 2 and 3 of transcript AGAP006456-PA
JHU_Ag_87409	QSNERQAAGK	AGAP006458-PA	Q6(Deamidated)	36	0.002964 17	1	1089.525	-3.48	Visceras	2L:-:32360828-32360799	exon=> In CDS Exon 1 of transcript AGAP006458-PA
JHU_Ag_11093	ENICQWLTK	AGAP006459-PA	C4(Carbamidomethyl)	34	0.005421 148	2	1191.585	2.23	Head	2L:+:32374252-32374278	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_14855	GADYDVQDGLVHIR	AGAP006459-PA	-	88	2.44E-08	1	1557.763	-1.4	Malpighian tubule	2L:+:32373296-32373337	exon=> In CDS Exon 2 of transcript AGAP006459-PA
JHU_Ag_30869	GADYDVQDGLVHIR	AGAP006459-PA	-	85	4.97E-08	1	1557.763	-1.72	Midgut	2L:+:32373296-32373337	exon=> In CDS Exon 2 of transcript AGAP006459-PA
JHU_Ag_36018	EFACNGTVIEHPEYGEVLQLQGDQR	AGAP006459-PA	C4(Carbamidomethyl)	104	5.18E-10	1	2889.348	0.38	Visceras	2L:+:32374177-32374251	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_37123	GADYDVQDGLVHIR	AGAP006459-PA	-	111	1.30E-10	1	1557.768	1.34	Ovary	2L:+:32373296-32373337	exon=> In CDS Exon 2 of transcript AGAP006459-PA
JHU_Ag_47008	EFACNGTVIEHPEYGEVLQLQGDQR	AGAP006459-PA	C4(Carbamidomethyl), N5(Deamidated),C4(Carbamidomethyl)	123	6.30E-12	1	2889.349	0.64	Ovary	2L:+:32374177-32374251	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_66682	SGLAKPEQLK	AGAP006459-PA	-	47	0.000154 459	1	1070.622	1.52	Malpighian tubule	2L:+:32374279-32374308	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_68495	EFACNGTVIEHPEYGEVLQLQGDQR	AGAP006459-PA	C4(Carbamidomethyl), N5(Deamidated),C4(Carbamidomethyl)	74	4.54E-07	1	2889.358	3.68	Head	2L:+:32374177-32374251	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_73971	SGLAKPEQLK	AGAP006459-PA	-	36	0.002188 155	1	1070.616	-4.18	Head	2L:+:32374279-32374308	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_79870	GADYDVQDGLVHIR	AGAP006459-PA	-	115	5.58E-11	1	1557.772	4.32	Head	2L:+:32373296-32373337	exon=> In CDS Exon 2 of transcript AGAP006459-PA
JHU_Ag_88597	SIQNLNTFDPFADAIK	AGAP006459-PA	N-Term(Acetyl)	119	2.24E-11	1	1835.923	2.82	Ovary	2L:+:32371320-32371344,32373273-32373295	exon=> In CDS Exon 1 and 2 of transcript AGAP006459-PA
JHU_Ag_95171	TLTTVQGLSAEYDLKK	AGAP006459-PA	-	88	1.77E-08	1	1766.954	0.22	Ovary	2L:+:32373362-32373409	exon=> In CDS Exon 2 of transcript AGAP006459-PA
JHU_Ag_96146	KTLTTVQGLSAEYDLK	AGAP006459-PA	-	87	2.02E-08	1	1766.957	1.83	Ovary	2L:+:32373359-32373406	exon=> In CDS Exon 2 of transcript AGAP006459-PA
JHU_Ag_108221	ENICQWLTK	AGAP006459-PA	C4(Carbamidomethyl)	39	0.001962 407	2	1191.584	0.8	Visceras	2L:+:32374252-32374278	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_110534	SGLAKPEQLK	AGAP006459-PA	-	67	1.68E-06	1	1070.620	-0.35	Ovary	2L:+:32374279-32374308	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_111686	ENICQWLTK	AGAP006459-PA	C4(Carbamidomethyl)	65	5.04E-06	1	1191.581	-1.35	Ovary	2L:+:32374252-32374278	exon=> In CDS Exon 3 of transcript AGAP006459-PA
JHU_Ag_116611	TLTTVQGLSAEYDLK	AGAP006459-PA	-	103	6.47E-10	1	1638.857	-1.18	Ovary	2L:+:32373362-32373406	exon=> In CDS Exon 2 of transcript AGAP006459-PA
JHU_Ag_5768	ISTLAQGQPWDESGALAR	AGAP006462-PA,AGAP006462-PB	-	56	3.35E-05	2	1899.959	1.4	Salivary gland	2L:+:32471330-32471383;2L:+:32471330-32471383	exon=> In CDS Exon 2 of transcript AGAP006462-PA;exon=> In CDS Exon 2 of transcript AGAP006462-PB

JHU_Ag_66054	EYLPPVPAGPPVDYLPPPK	AGAP006467-PA	-	63	4.10E-06	1	2046.097	1.03	Head	2L:+:32533189-32533245	exon=> In CDS Exon 1 of transcript AGAP006467-PA
JHU_Ag_24161	QNVDLK	AGAP006468-PA	Q1(Deamidated),N2(Deamidated)	39	0.003671345	1	717.378	0.89	Ovary	2L:-:32538038-32538021	exon=> In CDS Exon 4 of transcript AGAP006468-PA
JHU_Ag_25459	QNVDLK	AGAP006468-PA	Q1(Deamidated),N2(Deamidated)	41	0.001033011	1	717.378	-0.13	Male reproductive organs	2L:-:32538038-32538021	exon=> In CDS Exon 4 of transcript AGAP006468-PA
JHU_Ag_102738	QNVDLK	AGAP006468-PA	Q1(Deamidated),N2(Deamidated)	42	0.001730164	1	717.380	2.68	Malpighian tubule	2L:-:32538038-32538021	exon=> In CDS Exon 4 of transcript AGAP006468-PA
JHU_Ag_1027	QDVEAAWALIEK	AGAP006469-PA	-	80	1.71E-07	2	1372.713	1.66	Ovary	2L:+:32607802-32607837	exon=> In CDS Exon 1 of transcript AGAP006469-PA
JHU_Ag_34507	SVFNFIER	AGAP006469-PA	-	47	0.000212295	2	1011.526	0.32	Malpighian tubule	2L:+:32607706-32607729	exon=> In CDS Exon 1 of transcript AGAP006469-PA
JHU_Ag_59794	SVFNFIER	AGAP006469-PA	-	64	4.37E-06	2	1011.525	-0.59	Visceras	2L:+:32607706-32607729	exon=> In CDS Exon 1 of transcript AGAP006469-PA
JHU_Ag_63486	GINVSCMDCQK	AGAP006469-PA	C6(Carbamidomethyl),M7(Oxidation),C9(Carbamidomethyl)	59	4.89E-06	1	1327.545	0.56	Ovary	2L:+:32607499-32607531	exon=> In CDS Exon 1 of transcript AGAP006469-PA
JHU_Ag_68346	GFLNFFQNSCR	AGAP006469-PA	C10(Carbamidomethyl)	79	1.54E-07	2	1389.637	-0.26	Ovary	2L:+:32607757-32607789	exon=> In CDS Exon 1 of transcript AGAP006469-PA
JHU_Ag_92386	DFTATTYNEHTSCISEAEK	AGAP006469-PA	C13(Carbamidomethyl)	111	5.60E-11	1	2203.949	1.88	Ovary	2L:+:32607532-32607588	exon=> In CDS Exon 1 of transcript AGAP006469-PA
JHU_Ag_111478	SVFNFIER	AGAP006469-PA	-	57	1.91E-05	1	1011.527	1.4	Ovary	2L:+:32607706-32607729	exon=> In CDS Exon 1 of transcript AGAP006469-PA
JHU_Ag_78592	MQEKLQQHLAAEGK	AGAP006471-PA	Q2(Deamidated),Q6(Deamidated),Q7(Deamidated)	39	0.001926874	1	1613.771	-8.02	Malpighian tubule	2L:-:32611949-32611908	exon=> In CDS Exon 1 of transcript AGAP006471-PA
JHU_Ag_5223	QLEQLK	AGAP006472-PA	-	55	7.03E-05	2	758.452	14.58	Salivary gland	2L:+:32621221-32621238	exon=> In CDS Exon 5 of transcript AGAP006472-PA
JHU_Ag_10674	QLEQLK	AGAP006472-PA	-	40	0.002238385	2	758.452	14.9	Midgut	2L:+:32621221-32621238	exon=> In CDS Exon 5 of transcript AGAP006472-PA
JHU_Ag_23208	AFDQLR	AGAP006472-PA	-	39	0.002116062	1	749.395	1.29	Malpighian tubule	2L:+:32624746-32624763	exon=> In CDS Exon 5 of transcript AGAP006472-PA
JHU_Ag_29184	AFDQLR	AGAP006472-PA	-	47	0.000359359	2	749.395	0.88	Larva	2L:+:32624746-32624763	exon=> In CDS Exon 5 of transcript AGAP006472-PA
JHU_Ag_33695	QLEQLK	AGAP006472-PA	Q4(Deamidated)	46	0.000649853	2	759.432	9.33	Head	2L:+:32621221-32621238	exon=> In CDS Exon 5 of transcript AGAP006472-PA
JHU_Ag_35259	AFDQLR	AGAP006472-PA	-	42	0.001053243	2	749.394	-0.01	Midgut	2L:+:32624746-32624763	exon=> In CDS Exon 5 of transcript AGAP006472-PA
JHU_Ag_38028	AFDQLR	AGAP006472-PA	-	41	0.001294184	2	749.394	-0.26	Male reproductive organs	2L:+:32624746-32624763	exon=> In CDS Exon 5 of transcript AGAP006472-PA

JHU_Ag_19465	EAELAK	AGAP006472-PA,AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.001727908	1	660.354	-4.16	Visceras	2L:+:32623138-32623155;3R:+:49476417-49476434;3R:+:49476417-49476434;3R:+:49476417-49476434

JHU_Ag_3060	HLLYQQDGSEYVR	AGAP006478-PA	-	46	0.000438244	1	1607.788	4.41	Larva	2L:+:32812567-32812605	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_4318	YILYGSSNVVTGETK	AGAP006478-PA	-	78	3.06E-07	1	1630.831	-0.52	Visceras	2L:+:32812339-32812383	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_4464	TVPNVTIFGVCSK	AGAP006478-PA	C11(Carbamidomethyl)	70	1.48E-06	2	1421.750	2.75	Head	2L:+:32811965-32812003	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_6843	SLGGFNLR	AGAP006478-PA	-	47	0.000204723	1	863.476	2.42	Head	2L:+:32812543-32812566	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_9564	VRPVVDSAWALEDVAEAMQK	AGAP006478-PA	M18(Oxidation)	100	1.58E-09	1	2230.120	1.19	Ovary	2L:+:32812648-32812707	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_9861	KITTEGVDIVMDCLCGEECNR	AGAP006478-PA	M11(Oxidation), C13(Carbamidomethyl), C15(Carbamidomethyl), C19(Carbamidomethyl)	42	0.000403529	1	2515.089	-1.53	Male reproductive organs	2L:+:32812082-32812083,32812248-32812308	exon=> In CDS Exon 4 and 5 of transcript AGAP006478-PA
JHU_Ag_10927	SWWQVDKVSPIK	AGAP006478-PA	-	67	2.19E-06	1	1472.796	4.41	Head	2L:+:32812405-32812407,32812492-32812524	exon=> In CDS Exon 5 and 6 of transcript AGAP006478-PA
JHU_Ag_12250	YILYGSSNVVTGETKSFFSVAR	AGAP006478-PA	-	115	3.84E-11	1	2425.246	2.68	Malpighian tubule	2L:+:32812339-32812404	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_13046	VVALPEFR	AGAP006478-PA	-	35	0.003113526	2	930.541	-0.16	Ovary	2L:+:32807599-32807622	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_13878	AVVLTGFGGFK	AGAP006478-PA	-	53	2.26E-05	2	1095.623	2.7	Larva	2L:+:32769002-32769034	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_13898	TVPNVTIFGVCSK	AGAP006478-PA	C11(Carbamidomethyl)	50	0.000141203	1	1421.747	0.77	Ovary	2L:+:32811965-32812003	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_14558	HLLYQQDGSEYVR	AGAP006478-PA	-	60	1.70E-05	1	1607.783	0.85	Ovary	2L:+:32812567-32812605	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_15141	KPEPSPQAGEVLIR	AGAP006478-PA	-	57	1.16E-05	1	1520.847	2.4	Head	2L:+:32769053-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_15185	SILLHSVGGGVGQAIVQLAR	AGAP006478-PA	-	96	2.44E-10	1	1975.156	5.69	Visceras	2L:+:32807770-32807802,32811938-32811964	exon=> In CDS Exon 3 and 4 of transcript AGAP006478-PA
JHU_Ag_15800	AWSELVAVPTK	AGAP006478-PA	-	55	3.24E-05	2	1200.666	2.88	Head	2L:+:32807623-32807655	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_16566	KPEPSPQAGEVLIRVK	AGAP006478-PA	-	76	4.78E-08	1	1748.011	2.43	Malpighian tubule	2L:+:32769053-32769100	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_17035	SLGGFNLR	AGAP006478-PA	-	35	0.003618897	2	863.473	-0.34	Pupa	2L:+:32812543-32812566	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_19898	AWSELVAVPTK	AGAP006478-PA	-	61	8.80E-06	2	1200.667	3.69	Malpighian tubule	2L:+:32807623-32807655	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_20671	STVDKIFGLWK	AGAP006478-PA	-	53	2.62E-05	2	1293.725	3.91	Head	2L:+:32812606-32812638	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_21935	VVALPEFR	AGAP006478-PA	-	37	0.002245993	1	930.542	1.48	Malpighian tubule	2L:+:32807599-32807622	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_24750	TAVAGEEQTNGGATPDEKAK	AGAP006478-PA	Q8(Deamidated),N10(Deamidated)	55	6.06E-05	1	1973.945	2.15	Malpighian tubule	2L:+:32768903-32768962	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_26163	SFFSVAR	AGAP006478-PA	-	55	1.74E-05	2	813.427	1.5	Head	2L:+:32812384-32812404	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_27845	TETTEAPVVAQTAETK	AGAP006478-PA	-	81	1.35E-07	2	1675.842	1.81	Male reproductive organs	2L:+:32768780-32768827	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_28631	ACGLNFQDLMVR	AGAP006478-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation)"	88	2.37E-08	1	1423.689	4.99	Malpighian tubule	2L:+:32769101-32769105,32805554-32805584	exon=> In CDS Exon 1 and 2 of transcript AGAP006478-PA

JHU_Ag_28697	SKHEALEATGLIDHLIDR	AGAP006478-PA	-	112	8.01E-11	1	2018.066	-0.4	Male reproductive organs	2L:+:32812004-32812057	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_29051	YILYGSSNVVTGETK	AGAP006478-PA	-	92	1.17E-08	1	1630.833	0.67	Ovary	2L:+:32812339-32812383	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_29329	VRPVVDSAWALEDVAEAMQK	AGAP006478-PA	M18(Oxidation)	120	1.51E-11	1	2230.124	2.83	Malpighian tubule	2L:+:32812648-32812707	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_29566	SWWQVDKVSPIK	AGAP006478-PA	-	37	0.002265614	1	1472.789	-0.15	Male reproductive organs	2L:+:32812405-32812407,32812492-32812524	exon=> In CDS Exon 5 and 6 of transcript AGAP006478-PA
JHU_Ag_31364	SILLHSVGGGVGQAIVQLAR	AGAP006478-PA	-	57	2.75E-06	1	1975.150	2.65	Pupa	2L:+:32807770-32807802,32811938-32811964	exon=> In CDS Exon 3 and 4 of transcript AGAP006478-PA
JHU_Ag_32224	STVDKIFGLWK	AGAP006478-PA	-	42	0.000366565	1	1293.722	1.45	Pupa	2L:+:32812606-32812638	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_32493	KPEPSPQAGEVLIR	AGAP006478-PA	-	92	4.55E-09	1	1520.843	-0.04	Male reproductive organs	2L:+:32769053-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_32750	SKHEALEATGLIDHLIDR	AGAP006478-PA	-	100	1.28E-09	1	2018.067	0.12	Ovary	2L:+:32812004-32812057	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_32889	HEALEATGLIDHLIDR	AGAP006478-PA	-	92	7.78E-09	1	1802.946	3.45	Head	2L:+:32812010-32812057	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_33037	VKACGLNFQDLMVR	AGAP006478-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M12(Oxidation)"	62	1.01E-05	2	1666.846	3.33	Malpighian tubule	2L:+:32769095-32769105,32805554-32805584	exon=> In CDS Exon 1 and 2 of transcript AGAP006478-PA
JHU_Ag_33970	EEPAAAAAATNGDATESEKK	AGAP006478-PA	-	44	0.00055732	1	1960.908	-0.63	Malpighian tubule	2L:+:32812984-32813035,32813130-32813137	exon=> In CDS Exon 6 and 7 of transcript AGAP006478-PA
JHU_Ag_34213	LGAIDSPPK	AGAP006478-PA	-	58	7.01E-06	2	897.503	-1	Visceras	2L:+:32805585-32805611	exon=> In CDS Exon 2 of transcript AGAP006478-PA
JHU_Ag_36233	NIGKLVLDPSMEPKPKPATPAK	AGAP006478-PA	M11(Oxidation)	85	8.41E-09	1	2347.312	2.96	Malpighian tubule	2L:+:32812723-32812788	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_38342	ITTEGVDIVMDCLCGEECNR	AGAP006478-PA	C12(Carbamidomethyl), C14(Carbamidomethyl), C18(Carbamidomethyl)," M10(Oxidation), C12(Carbamidomethyl), C14(Carbamidomethyl), C18(Carbamidomethyl)"	87	1.19E-08	2	2371.008	1.98	Malpighian tubule	2L:+:32812249-32812308	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_38485	KITTEGVDIVMDCLCGEECNR	AGAP006478-PA	C13(Carbamidomethyl), C15(Carbamidomethyl), C19(Carbamidomethyl)	39	0.001081454	3	2499.104	2.17	Visceras	2L:+:32812082-32812083,32812248-32812308	exon=> In CDS Exon 4 and 5 of transcript AGAP006478-PA
JHU_Ag_38813	AVVLTGFGGFK	AGAP006478-PA	-	63	2.50E-06	1	1095.619	-0.91	Ovary	2L:+:32769002-32769034	exon=> In CDS Exon 1 of transcript AGAP006478-PA

JHU_Ag_39074	ITTEGVDIVMDCLCGEECNR	AGAP006478-PA	C12(Carbamidomethyl), C14(Carbamidomethyl), C18(Carbamidomethyl)," M10(Oxidation), C12(Carbamidomethyl), C14(Carbamidomethyl), C18(Carbamidomethyl)"	125	1.83E-12	2	2371.007	1.36	Head	2L:+:32812249-32812308	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_39673	AVVLTGFGGFKNVK	AGAP006478-PA	-	114	9.91E-12	1	1436.831	3.4	Malpighian tubule	2L:+:32769002-32769043	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_40092	EEPAAAAAATNGDATESEK	AGAP006478-PA	N11(Deamidated)	140	9.21E-14	1	1832.820	3.03	Head	2L:+:32812984-32813035,32813130-32813134	exon=> In CDS Exon 6 and 7 of transcript AGAP006478-PA
JHU_Ag_40399	EEPAAAAAATNGDATESEKK	AGAP006478-PA	-	54	5.50E-05	1	1960.910	0.21	Head	2L:+:32812984-32813035,32813130-32813137	exon=> In CDS Exon 6 and 7 of transcript AGAP006478-PA
JHU_Ag_41562	TPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N16(Deamidated)	152	8.20E-15	1	2451.134	2.65	Malpighian tubule	2L:+:32768828-32768902	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_43174	AWSELVAVPTK	AGAP006478-PA	-	72	8.26E-07	2	1200.662	0.03	Pupa	2L:+:32807623-32807655	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_43626	ILKKPEPSPQAGEVLIR	AGAP006478-PA	-	83	4.85E-09	1	1875.109	1.2	Head	2L:+:32769044-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_43728	HEALEATGLIDHLIDR	AGAP006478-PA	-	105	4.35E-10	1	1802.946	3.59	Malpighian tubule	2L:+:32812010-32812057	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_45266	HLLYQQDGSEYVR	AGAP006478-PA	-	104	6.15E-10	1	1607.786	2.9	Malpighian tubule	2L:+:32812567-32812605	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_45874	TETTEAPVVAQTAETKTPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N-Term(Acetyl), N32(Deamidated)	72	6.26E-07	1	4149.980	5.28	Malpighian tubule	2L:+:32768780-32768902	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_47355	SFFSVAR	AGAP006478-PA	-	42	0.000461643	2	813.426	0.6	Male reproductive organs	2L:+:32812384-32812404	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_47957	LVLDPSMEPKPKPATPAK	AGAP006478-PA	M7(Oxidation)	36	0.001959287	1	1935.056	-3.1	Male reproductive organs	2L:+:32812735-32812788	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_48851	STVDKIFGLWK	AGAP006478-PA	-	59	7.29E-06	1	1293.720	-0.53	Male reproductive organs	2L:+:32812606-32812638	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_49312	ACGLNFQDLMVR	AGAP006478-PA	C2(Carbamidomethyl), M10(Oxidation),C2(Carbamidomethyl)	68	2.61E-06	2	1439.680	1.94	Head	2L:+:32769101-32769105,32805554-32805584	exon=> In CDS Exon 1 and 2 of transcript AGAP006478-PA
JHU_Ag_49962	TAVAGEEQTNGGATPDEK	AGAP006478-PA	N10(Deamidated)	70	1.09E-06	2	1774.812	1.55	Ovary	2L:+:32768903-32768956	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_50911	TETTEAPVVAQTAETK	AGAP006478-PA	N-Term(Acetyl)	51	0.000129934	2	1717.851	1.3	Ovary	2L:+:32768780-32768827	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_50929	SILLHSVGGGVGQAIVQLAR	AGAP006478-PA	-	62	7.87E-07	1	1975.149	2.1	Male reproductive organs	2L:+:32807770-32807802,32811938-32811964	exon=> In CDS Exon 3 and 4 of transcript AGAP006478-PA
JHU_Ag_52605	SWWQVDKVSPIK	AGAP006478-PA	-	64	4.22E-06	1	1472.793	2.1	Malpighian tubule	2L:+:32812405-32812407,32812492-32812524	exon=> In CDS Exon 5 and 6 of transcript AGAP006478-PA
JHU_Ag_52670	VGDRVVALPEFR	AGAP006478-PA	-	44	0.000334227	1	1357.762	2.41	Malpighian tubule	2L:+:32807587-32807622	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_55540	HLLYQQDGSEYVR	AGAP006478-PA	-	68	2.82E-06	1	1607.783	1	Male reproductive organs	2L:+:32812567-32812605	exon=> In CDS Exon 6 of transcript AGAP006478-PA

JHU_Ag_56599	LGAIDSPPK	AGAP006478-PA	-	55	1.17E-05	2	897.507	3.62	Male reproductive organs	2L:+:32805585-32805611	exon=> In CDS Exon 2 of transcript AGAP006478-PA
JHU_Ag_56641	AWSELVAVPTK	AGAP006478-PA	-	63	5.89E-06	2	1200.670	6.03	Larva	2L:+:32807623-32807655	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_57409	SILLHSVGGGVGQAIVQLAR	AGAP006478-PA	-	105	5.23E-11	1	1975.137	-4.2	Ovary	2L:+:32807770-32807802,32811938-32811964	exon=> In CDS Exon 3 and 4 of transcript AGAP006478-PA
JHU_Ag_58281	LFDENKSLGGFNLR	AGAP006478-PA	-	99	1.72E-09	1	1609.842	5.35	Malpighian tubule	2L:+:32812525-32812566	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_58589	VRPVVDSAWALEDVAEAMQK	AGAP006478-PA	M18(Oxidation)	105	5.09E-10	1	2230.121	1.44	Male reproductive organs	2L:+:32812648-32812707	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_61142	STVDKIFGLWK	AGAP006478-PA	-	48	0.000113026	1	1293.721	0.23	Ovary	2L:+:32812606-32812638	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_61250	TVPNVTIFGVCSK	AGAP006478-PA	C11(Carbamidomethyl)	58	2.34E-05	2	1421.748	1.46	Visceras	2L:+:32811965-32812003	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_63106	SLGGFNLR	AGAP006478-PA	-	53	6.52E-05	2	863.473	0.02	Male reproductive organs	2L:+:32812543-32812566	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_63377	AVVLTGFGGFK	AGAP006478-PA	-	89	5.73E-09	1	1095.622	2.03	Head	2L:+:32769002-32769034	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_63504	TPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N16(Deamidated)	110	1.56E-10	1	2450.145	0.64	Ovary	2L:+:32768828-32768902	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_63893	TAVAGEEQTNGGATPDEK	AGAP006478-PA	Q8(Deamidated),N10(Deamidated)	121	9.32E-12	2	1774.814	2.72	Head	2L:+:32768903-32768956	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_64356	LGAIDSPPK	AGAP006478-PA	-	61	2.76E-06	2	897.505	0.56	Malpighian tubule	2L:+:32805585-32805611	exon=> In CDS Exon 2 of transcript AGAP006478-PA
JHU_Ag_65526	SKHEALEATGLIDHLIDR	AGAP006478-PA	-	53	5.96E-05	1	2018.069	1.21	Visceras	2L:+:32812004-32812057	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_66327	TDYVNEVR	AGAP006478-PA	-	45	0.000415852	2	995.480	0.81	Male reproductive organs	2L:+:32812058-32812081	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_66344	ILKKPEPSPQAGEVLIR	AGAP006478-PA	-	77	1.94E-08	1	1875.107	0.22	Male reproductive organs	2L:+:32769044-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_68490	SWWQVDK	AGAP006478-PA	-	45	0.000519368	1	948.461	3.3	Head	2L:+:32812405-32812407,32812492-32812509	exon=> In CDS Exon 5 and 6 of transcript AGAP006478-PA
JHU_Ag_69334	TNGEEGGEAAHVNGDGGAAEQK	AGAP006478-PA	N13(Deamidated),Q21(Deamidated),"N2(Deamidated), N13(Deamidated)",N2(Deamidated)	89	7.55E-09	1	2097.909	0.86	Head	2L:+:32812918-32812983	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_69714	GYGLLKPMGK	AGAP006478-PA	M8(Oxidation)	48	0.000120853	1	1063.595	-2.13	Ovary	2L:+:32812309-32812338	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_70609	LGAIDSPPK	AGAP006478-PA	-	58	5.78E-06	2	897.501	-2.98	Ovary	2L:+:32805585-32805611	exon=> In CDS Exon 2 of transcript AGAP006478-PA
JHU_Ag_71152	TDYVNEVRK	AGAP006478-PA	-	52	8.46E-05	1	1123.574	-0.1	Ovary	2L:+:32812058-32812083,32812248	exon=> In CDS Exon 4 and 5 of transcript AGAP006478-PA
JHU_Ag_72259	ILKKPEPSPQAGEVLIR	AGAP006478-PA	-	42	7.27E-05	1	1875.104	-1.24	Ovary	2L:+:32769044-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_72598	KPEPSPQAGEVLIR	AGAP006478-PA	-	95	1.96E-09	1	1520.844	0.62	Malpighian tubule	2L:+:32769053-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_73295	KEDPPK	AGAP006478-PA	-	25	0.008656308	1	713.382	-1.19	Head	2L:+:32768975-32768992	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_75872	SILLHSVGGGVGQAIVQLAR	AGAP006478-PA	-	115	3.86E-12	1	1975.147	1.3	Head	2L:+:32807770-32807802,32811938-32811964	exon=> In CDS Exon 3 and 4 of transcript AGAP006478-PA

JHU_Ag_79562	SKHEALEATGLIDHLIDR	AGAP006478-PA	-	89	1.37E-08	1	2018.069	1.05	Malpighian tubule	2L:+:32812004-32812057	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_80673	TETTEAPVVAQTAETK	AGAP006478-PA	-	103	7.93E-10	2	1675.840	0.87	Malpighian tubule	2L:+:32768780-32768827	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_81201	SILLHSVGGGVGQAIVQLAR	AGAP006478-PA	-	45	3.75E-05	1	1975.150	2.56	Salivary gland	2L:+:32807770-32807802,32811938-32811964	exon=> In CDS Exon 3 and 4 of transcript AGAP006478-PA
JHU_Ag_81411	AWSELVAVPTK	AGAP006478-PA	-	68	1.70E-06	2	1200.663	0.34	Ovary	2L:+:32807623-32807655	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_81718	LGAIDSPPK	AGAP006478-PA	-	55	1.00E-05	1	897.505	0.7	Head	2L:+:32805585-32805611	exon=> In CDS Exon 2 of transcript AGAP006478-PA
JHU_Ag_82786	YILYGSSNVVTGETK	AGAP006478-PA	-	109	2.13E-10	1	1630.837	2.62	Malpighian tubule	2L:+:32812339-32812383	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_83681	YILYGSSNVVTGETK	AGAP006478-PA	-	89	2.30E-08	1	1630.832	0.08	Male reproductive organs	2L:+:32812339-32812383	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_84205	TAVAGEEQTNGGATPDEK	AGAP006478-PA	N10(Deamidated)	108	2.02E-10	1	1775.805	6.9	Male reproductive organs	2L:+:32768903-32768956	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_84350	TPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N16(Deamidated)	112	7.73E-11	1	2451.133	2.58	Male reproductive organs	2L:+:32768828-32768902	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_84720	YILYGSSNVVTGETK	AGAP006478-PA	-	99	2.13E-09	1	1630.837	3.07	Head	2L:+:32812339-32812383	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_85949	TPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N16(Deamidated)	152	9.06E-15	1	2451.133	2.2	Head	2L:+:32768828-32768902	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_86155	TPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N16(Deamidated)	135	3.84E-13	1	2451.130	1.01	Visceras	2L:+:32768828-32768902	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_87026	SILLHSVGGGVGQAIVQLAR	AGAP006478-PA	-	112	1.02E-11	1	1975.140	-2.22	Malpighian tubule	2L:+:32807770-32807802,32811938-32811964	exon=> In CDS Exon 3 and 4 of transcript AGAP006478-PA
JHU_Ag_88079	VVALPEFR	AGAP006478-PA	-	45	0.000475703	1	930.538	-3.42	Male reproductive organs	2L:+:32807599-32807622	exon=> In CDS Exon 3 of transcript AGAP006478-PA
JHU_Ag_88676	TDYVNEVR	AGAP006478-PA	-	47	0.000283752	2	995.480	0.75	Malpighian tubule	2L:+:32812058-32812081	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_89455	ACGLNFQDLMVR	AGAP006478-PA	C2(Carbamidomethyl), M10(Oxidation)	92	9.04E-09	1	1439.678	0.84	Male reproductive organs	2L:+:32769101-32769105,32805554-32805584	exon=> In CDS Exon 1 and 2 of transcript AGAP006478-PA
JHU_Ag_90864	TVPNVTIFGVCSK	AGAP006478-PA	C11(Carbamidomethyl)	68	2.01E-06	2	1421.752	4.72	Malpighian tubule	2L:+:32811965-32812003	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_91826	HLLYQQDGSEYVR	AGAP006478-PA	-	84	6.26E-08	1	1607.783	0.85	Visceras	2L:+:32812567-32812605	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_97236	AVVLTGFGGFK	AGAP006478-PA	-	60	4.95E-06	1	1095.622	2.14	Malpighian tubule	2L:+:32769002-32769034	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_97795	TETTEAPVVAQTAETK	AGAP006478-PA	-	110	1.57E-10	1	1675.841	1.74	Visceras	2L:+:32768780-32768827	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_97948	IFGLWK	AGAP006478-PA	-	32	0.004360735	1	763.451	1.07	Malpighian tubule	2L:+:32812621-32812638	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_99247	KPEPSPQAGEVLIR	AGAP006478-PA	-	72	4.15E-07	2	1520.844	0.47	Ovary	2L:+:32769053-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_99532	IFGLWK	AGAP006478-PA	-	35	0.002082379	1	763.453	3.48	Head	2L:+:32812621-32812638	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_99963	TETTEAPVVAQTAETK	AGAP006478-PA	N-Term(Acetyl)	96	4.62E-09	2	1717.853	2.16	Malpighian tubule	2L:+:32768780-32768827	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_100604	SWWQVDK	AGAP006478-PA	-	41	0.001067487	2	948.460	2.65	Malpighian tubule	2L:+:32812405-32812407,32812492-32812509	exon=> In CDS Exon 5 and 6 of transcript AGAP006478-PA

JHU_Ag_100679	ACGLNFQDLMVR	AGAP006478-PA	C2(Carbamidomethyl), M10(Oxidation)	74	5.06E-07	2	1439.678	0.42	Ovary	2L:+:32769101-32769105,32805554-32805584	exon=> In CDS Exon 1 and 2 of transcript AGAP006478-PA
JHU_Ag_101522	TETTEAPVVAQTAETK	AGAP006478-PA	-	113	9.47E-11	1	1675.843	2.61	Head	2L:+:32768780-32768827	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_102090	VRPVVDSAWALEDVAEAMQK	AGAP006478-PA	Q19(Deamidated),M18(Oxidation)	113	6.82E-11	1	2230.124	2.91	Head	2L:+:32812648-32812707	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_102827	HLLYQQDGSEYVR	AGAP006478-PA	Q5(Deamidated),Q6(Deamidated)	117	3.38E-11	1	1607.778	-1.89	Head	2L:+:32812567-32812605	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_103279	TETTEAPVVAQTAETKTPSPTNETAVVTPAENGHAEGGDAK	AGAP006478-PA	N-Term(Acetyl)	87	1.94E-08	1	4148.985	2.54	Malpighian tubule	2L:+:32768780-32768902	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_104071	LVLDPSMEPKPKPATPAK	AGAP006478-PA	M7(Oxidation)	52	2.57E-05	1	1919.071	1.78	Malpighian tubule	2L:+:32812735-32812788	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_104204	TDYVNEVR	AGAP006478-PA	-	55	4.31E-05	2	995.478	-0.91	Ovary	2L:+:32812058-32812081	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_104235	SFFSVAR	AGAP006478-PA	-	42	0.000338729	2	813.427	2.1	Malpighian tubule	2L:+:32812384-32812404	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_106469	GYGLLKPMGK	AGAP006478-PA	M8(Oxidation)	40	0.000684029	1	1079.591	-0.67	Malpighian tubule	2L:+:32812309-32812338	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_107793	SFFSVAR	AGAP006478-PA	-	52	4.86E-05	1	813.426	0.3	Visceras	2L:+:32812384-32812404	exon=> In CDS Exon 5 of transcript AGAP006478-PA
JHU_Ag_110422	TETTEAPVVAQTAETK	AGAP006478-PA	-	59	2.27E-05	2	1675.842	2.18	Ovary	2L:+:32768780-32768827	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_110972	TAVAGEEQTNGGATPDEK	AGAP006478-PA	N10(Deamidated)	110	1.19E-10	1	1774.815	3.33	Malpighian tubule	2L:+:32768903-32768956	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_114345	VRPVVDSAWALEDVAEAMQK	AGAP006478-PA	M18(Oxidation), Q19(Deamidated)	112	9.06E-11	1	2214.128	2.49	Visceras	2L:+:32812648-32812707	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_115357	SKHEALEATGLIDHLIDR	AGAP006478-PA	-	128	1.94E-12	1	2018.075	4.11	Head	2L:+:32812004-32812057	exon=> In CDS Exon 4 of transcript AGAP006478-PA
JHU_Ag_116349	AVVLTGFGGFK	AGAP006478-PA	-	61	4.66E-06	2	1095.620	-0.2	Male reproductive organs	2L:+:32769002-32769034	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_116997	STVDKIFGLWK	AGAP006478-PA	-	59	6.69E-06	1	1293.725	3.53	Malpighian tubule	2L:+:32812606-32812638	exon=> In CDS Exon 6 of transcript AGAP006478-PA
JHU_Ag_117424	ILKKPEPSPQAGEVLIR	AGAP006478-PA	-	94	2.90E-10	1	1875.112	3.05	Malpighian tubule	2L:+:32769044-32769094	exon=> In CDS Exon 1 of transcript AGAP006478-PA
JHU_Ag_8902	TAVLGLQTR	AGAP006479-PA	-	32	0.006836054	2	958.570	2.03	Head	2L:+:32834195-32834221	exon=> In CDS Exon 6 of transcript AGAP006479-PA
JHU_Ag_9545	VVASVLHLGNVVFNHR	AGAP006479-PA	-	35	0.000937227	1	1760.997	2.8	Ovary	2L:+:32832021-32832068	exon=> In CDS Exon 2 of transcript AGAP006479-PA
JHU_Ag_10525	LSDRDQFEDTLGALK	AGAP006479-PA	-	63	8.12E-06	2	1707.861	3.51	Head	2L:+:32831934-32831978	exon=> In CDS Exon 2 of transcript AGAP006479-PA
JHU_Ag_20515	LSDRDQFEDTLGALK	AGAP006479-PA	-	61	1.28E-05	1	1707.848	-4.21	Midgut	2L:+:32831934-32831978	exon=> In CDS Exon 2 of transcript AGAP006479-PA
JHU_Ag_25364	TENGELQAILQQHVEQVGEEVDLETVR	AGAP006479-PA	-	32	0.007158198	1	3063.524	0.44	Head	2L:+:32837829-32837909	exon=> In CDS Exon 7 of transcript AGAP006479-PA
JHU_Ag_36511	WEAPKIVQQLR	AGAP006479-PA	Q8(Deamidated)	29	0.009960457	1	1368.744	-14.35	Head	2L:+:32833628-32833660	exon=> In CDS Exon 5 of transcript AGAP006479-PA
JHU_Ag_43413	LTQQLNLR	AGAP006479-PA	-	35	0.002577 76	2	985.583	3.62	Head	2L:+:32839263-32839286	exon=> In CDS Exon 9 of transcript AGAP006479-PA
JHU_Ag_43487	HIYAELFQHIVQK	AGAP006479-PA	-	54	3.03E-05	1	1625.891	7.09	Head	2L:+:32832279-32832317	exon=> In CDS Exon 2 of transcript AGAP006479-PA
JHU_Ag_48178	AITDANNETLVENNR	AGAP006479-PA	-	80	1.37E-07	1	1673.814	3	Head	2L:+:32837766-32837810	exon=> In CDS Exon 7 of transcript AGAP006479-PA
JHU_Ag_48907	YNTDVQNAQQLK	AGAP006479-PA	-	70	1.61E-06	2	1421.701	-0.53	Midgut	2L:+:32838527-32838562	exon=> In CDS Exon 8 of transcript AGAP006479-PA

JHU_Ag_54669	YNTDVQNAQQLK	AGAP006479-PA	-	96	4.02E-09	2	1421.707	3.42	Head	2L:+:32838527-32838562	exon=> In CDS Exon 8 of transcript AGAP006479-PA
JHU_Ag_58747	EVTEITAVTQIEQAR	AGAP006479-PA	-	66	2.89E-06	2	1687.894	4.9	Head	2L:+:32834765-32834809	exon=> In CDS Exon 6 of transcript AGAP006479-PA
JHU_Ag_65679	TPADLPPLR	AGAP006479-PA	-	40	0.000890832	2	979.560	3.38	Head	2L:+:32831202-32831228	exon=> In CDS Exon 2 of transcript AGAP006479-PA
JHU_Ag_76338	HIYAELFQHIVQK	AGAP006479-PA	-	58	1.21E-05	1	1625.892	7.3	Ovary	2L:+:32832279-32832317	exon=> In CDS Exon 2 of transcript AGAP006479-PA
JHU_Ag_83422	LVSQADTEEIHAAYQR	AGAP006479-PA	-	36	0.003974745	1	1830.903	2.39	Head	2L:+:32834810-32834857	exon=> In CDS Exon 6 of transcript AGAP006479-PA
JHU_Ag_87311	AGQVAYLEQVR	AGAP006479-PA	-	55	4.47E-05	2	1233.665	5.51	Head	2L:+:32833871-32833903	exon=> In CDS Exon 5 of transcript AGAP006479-PA
JHU_Ag_91786	SVSNASSTNEEDYGYTSGR	AGAP006479-PA	-	45	0.000139111	2	2023.851	1.62	Malpighian tubule	2L:+:32834969-32835025	exon=> In CDS Exon 6 of transcript AGAP006479-PA
JHU_Ag_97249	LGILDLLDEECR	AGAP006479-PA	C11(Carbamidomethyl)	78	2.25E-07	2	1445.734	2.1	Head	2L:+:32832645-32832680	exon=> In CDS Exon 3 of transcript AGAP006479-PA
JHU_Ag_97400	ESLTQLITTLHNTTPHYVR	AGAP006479-PA	-	73	5.48E-07	1	2224.176	1.86	Head	2L:+:32833455-32833511	exon=> In CDS Exon 4 of transcript AGAP006479-PA
JHU_Ag_103676	HFSDTVQYESR	AGAP006479-PA	-	48	0.000158955	2	1368.616	-1.47	Head	2L:+:32832789-32832821	exon=> In CDS Exon 3 of transcript AGAP006479-PA
JHU_Ag_21210	IDNRPPLMFVENVLK	AGAP006482-PA	M8(Oxidation)	64	3.99E-06	1	1800.968	0.16	Male reproductive organs	2L:-:32866059-32866015	exon=> In CDS Exon 1 of transcript AGAP006482-PA
JHU_Ag_61913	IYDGTLVVIR	AGAP006482-PA	-	75	1.73E-07	1	1148.666	-1.4	Male reproductive organs	2L:-:32865536-32865507	exon=> In CDS Exon 2 of transcript AGAP006482-PA
JHU_Ag_3404	ALVGTLSFGLNCGAANNPPVFTQVR	AGAP006485-PA	C12(Carbamidomethyl)	95	3.38E-09	2	2603.344	1.65	Larva	2L:+:32882708-32882782	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_4119	AGDIALAPVGAR	AGAP006485-PA	-	59	9.20E-06	1	1110.630	2.61	Larva	2L:+:32882282-32882317	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_24769	FLPMTVNDRDMCNQANMHAGR	AGAP006485-PA	M4(Oxidation), M11(Oxidation), C12(Carbamidomethyl), M17(Oxidation)	47	0.000113804	1	2526.081	2.79	Larva	2L:+:32882549-32882611	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_30049	LVDPYWITVR	AGAP006485-PA	-	76	2.29E-07	1	1261.700	4.77	Larva	2L:+:32882252-32882281	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_61186	MLESHLCAGNTGGSNNAAPCNGNAGTGLYCER	AGAP006485-PA	M1(Oxidation), C7(Carbamidomethyl), C20(Carbamidomethyl), N21(Deamidated), C30(Carbamidomethyl)	76	7.71E-08	1	3370.401	1.96	Larva	2L:+:32882612-32882707	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_62645	TLEHDVAVLR	AGAP006485-PA	-	53	4.13E-05	1	1152.641	3.01	Larva	2L:+:32882372-32882401	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_65066	KVSHIFVHPQFNIR	AGAP006485-PA	-	64	1.30E-06	1	1721.965	3.19	Larva	2L:+:32882330-32882371	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_86656	FYNDWIER	AGAP006485-PA	-	65	2.71E-06	1	1142.532	4.46	Larva	2L:+:32882783-32882806	exon=> In CDS Exon 2 of transcript AGAP006485-PA
JHU_Ag_91173	DTCNGLAVHLGNIR	AGAP006486-PA	C3(Carbamidomethyl), N4(Deamidated),C3(Carbamidomethyl)	106	3.94E-10	1	1539.779	6.1	Larva	2L:-:32883851-32883810	exon=> In CDS Exon 2 of transcript AGAP006486-PA
JHU_Ag_92033	LAGILSTGLGCGQANNPGVYTQIR	AGAP006486-PA	C11(Carbamidomethyl)	126	2.51E-12	1	2460.278	4.83	Larva	2L:-:32883722-32883651	exon=> In CDS Exon 2 of transcript AGAP006486-PA
JHU_Ag_11898	VDVPFPEFHNTIEPALLNAR	AGAP006487-PA	-	105	3.16E-10	1	2279.193	5	Larva	2L:+:32885272-32885331	exon=> In CDS Exon 1 of transcript AGAP006487-PA
JHU_Ag_23687	LTGVLAFGLGCGVANQPGVYMDVR	AGAP006487-PA	C11(Carbamidomethyl), M21(Oxidation)	56	2.66E-05	2	2510.278	9.75	Larva	2L:+:32885578-32885649	exon=> In CDS Exon 1 of transcript AGAP006487-PA
JHU_Ag_50532	QYTQWIETQFTR	AGAP006487-PA	-	65	5.05E-06	1	1600.779	2.19	Larva	2L:+:32885650-32885685	exon=> In CDS Exon 1 of transcript AGAP006487-PA

JHU_Ag_56551	VDVPFPEFHNTIEPALLNAR	AGAP006487-PA	-	35	0.003171548	1	2279.203	9.1	Pupa	2L:+:32885272-32885331	exon=> In CDS Exon 1 of transcript AGAP006487-PA
JHU_Ag_72432	LTDGNNLAVLR	AGAP006487-PA	-	94	4.11E-09	2	1185.663	3.25	Larva	2L:+:32885239-32885271	exon=> In CDS Exon 1 of transcript AGAP006487-PA
JHU_Ag_74141	VQQTMICAGALAQSQNAVCR	AGAP006487-PA	M5(Oxidation), C7(Carbamidomethyl), C19(Carbamidomethyl)	123	7.54E-12	1	2222.055	3.49	Larva	2L:+:32885482-32885541	exon=> In CDS Exon 1 of transcript AGAP006487-PA
JHU_Ag_75393	GNMGGGLYCNGR	AGAP006487-PA	M3(Oxidation), C9(Carbamidomethyl),"M3(Oxidation), C9(Carbamidomethyl), N10(Deamidated)"	73	1.85E-07	2	1271.530	3.31	Larva	2L:+:32885542-32885577	exon=> In CDS Exon 1 of transcript AGAP006487-PA
JHU_Ag_113916	VIAGDINIVPVSTR	AGAP006487-PA	-	91	3.21E-09	1	1453.844	4.58	Larva	2L:+:32885146-32885187	exon=> In CDS Exon 1 of transcript AGAP006487-PA
JHU_Ag_101665	LAEPFHLPSNAIEEAVIR	AGAP006489-PA	-	56	1.86E-05	1	2006.074	1.76	Pupa	2L:-:32888849-32888796	exon=> In CDS Exon 2 of transcript AGAP006489-PA
JHU_Ag_117315	MRIFPAR	AGAP006489-PA	M1(Oxidation)	33	0.007348791	2	906.495	-2.92	Head	2L:-:32889078-32889058	exon=> In CDS Exon 1 of transcript AGAP006489-PA
JHU_Ag_14542	LLSLLR	AGAP006490-PA	-	44	9.47E-05	2	714.490	3.19	Male reproductive organs	2L:-:32904776-32904759	exon=> In CDS Exon 3 of transcript AGAP006490-PA
JHU_Ag_39410	LLSLLR	AGAP006490-PA	-	37	0.000434949	2	714.489	2.08	Head	2L:-:32904776-32904759	exon=> In CDS Exon 3 of transcript AGAP006490-PA
JHU_Ag_65476	LLSLLR	AGAP006490-PA	-	43	0.000194295	2	714.487	-0.91	Pupa	2L:-:32904776-32904759	exon=> In CDS Exon 3 of transcript AGAP006490-PA
JHU_Ag_89974	LLSLLR	AGAP006490-PA	-	46	6.06E-05	2	714.487	-0.74	Visceras	2L:-:32904776-32904759	exon=> In CDS Exon 3 of transcript AGAP006490-PA
JHU_Ag_8537	DKPDIDPVDFLVDVIK	AGAP006494-PA	-	126	2.82E-12	1	1827.977	1.78	Salivary gland	2L:-:33002300-33002253	exon=> In CDS Exon 1 of transcript AGAP006494-PA
JHU_Ag_13077	DAISVLPFSFSG	AGAP006494-PA	-	39	0.001566315	1	1239.625	-0.38	Salivary gland	2L:-:33002222-33002187	exon=> In CDS Exon 1 of transcript AGAP006494-PA
JHU_Ag_51844	DKPDIDPVDFLVDVIK	AGAP006494-PA	-	117	1.93E-11	1	1827.980	3.39	Head	2L:-:33002300-33002253	exon=> In CDS Exon 1 of transcript AGAP006494-PA
JHU_Ag_35304	LFGQFWNTGTR	AGAP006495-PA	-	64	5.99E-06	2	1326.661	1.55	Head	2L:-:33004034-33004002	exon=> In CDS Exon 1 of transcript AGAP006495-PA
JHU_Ag_104184	LFGQFWNTGTR	AGAP006495-PA	-	71	9.53E-07	1	1326.660	0.63	Salivary gland	2L:-:33004034-33004002	exon=> In CDS Exon 1 of transcript AGAP006495-PA
JHU_Ag_2230	ANPDVTSGGSDEPYR	AGAP006497-PA	-	127	1.62E-12	1	1564.687	-0.26	Pupa	2L:+:33062033-33062077	exon=> In CDS Exon 3 of transcript AGAP006497-PA
JHU_Ag_2920	YITQQSLDLR	AGAP006497-PA	-	44	0.00049888	1	1236.658	-0.54	Pupa	2L:+:33059934-33059963	exon=> In CDS Exon 2 of transcript AGAP006497-PA
JHU_Ag_7990	VGLDEIPQESVVVETK	AGAP006497-PA	-	67	1.86E-06	2	1741.923	0.85	Pupa	2L:+:33062390-33062437	exon=> In CDS Exon 3 of transcript AGAP006497-PA
JHU_Ag_30689	IQLVNISPEEAQK	AGAP006497-PA	-	66	2.11E-06	2	1468.802	1.12	Pupa	2L:+:33059895-33059933	exon=> In CDS Exon 2 of transcript AGAP006497-PA
JHU_Ag_74908	LIDNPEDYVEEEYEAK	AGAP006497-PA	-	104	3.76E-10	2	1955.872	-2.16	Pupa	2L:+:33060048-33060095	exon=> In CDS Exon 2 of transcript AGAP006497-PA
JHU_Ag_83118	YPSLPYTDHISPSVSSGGQQDEGVVVEAVR	AGAP006497-PA	-	108	2.48E-10	1	3173.537	-0.39	Pupa	2L:+:33062165-33062254	exon=> In CDS Exon 3 of transcript AGAP006497-PA
JHU_Ag_95242	AVLSGETLVDAVHDAQVSPK	AGAP006497-PA	-	70	1.08E-06	1	2036.071	2.58	Pupa	2L:+:33062489-33062548	exon=> In CDS Exon 3 of transcript AGAP006497-PA
JHU_Ag_110069	LGEHPLGYTR	AGAP006497-PA	-	52	6.84E-05	1	1142.593	-1.61	Pupa	2L:+:33059976-33060005	exon=> In CDS Exon 2 of transcript AGAP006497-PA
JHU_Ag_27108	GPETPASTAALPQPQR	AGAP006501-PA	-	61	1.21E-05	2	1620.836	1.02	Pupa	2L:-:33111866-33111819	exon=> In CDS Exon 1 of transcript AGAP006501-PA
JHU_Ag_29841	QYVYYYPSLPLATATHTTTQYTESKPIR	AGAP006501-PA	-	72	6.20E-07	1	3292.667	4.51	Pupa	2L:-:33112136-33112053	exon=> In CDS Exon 1 of transcript AGAP006501-PA

JHU_Ag_36744	FQAQIVSSLAPIAPVPAAVPAQLK	AGAP006501-PA	-	47	2.44E-05	2	2416.396	-0.24	Pupa	2L:-:33111668-33111597	exon=> In CDS Exon 1 of transcript AGAP006501-PA
JHU_Ag_74501	IQPHLIQPIQQLK	AGAP006501-PA	-	82	8.88E-09	1	1555.935	2.04	Pupa	2L:-:33112187-33112149	exon=> In CDS Exon 1 of transcript AGAP006501-PA
JHU_Ag_86639	ANSDIQAEDELQPK	AGAP006501-PA	-	82	9.57E-08	2	1557.740	0.39	Pupa	2L:-:33111710-33111669	exon=> In CDS Exon 1 of transcript AGAP006501-PA
JHU_Ag_36464	IQNAAASLVSLQETVK	AGAP006502-PA	-	67	1.11E-06	2	1671.929	1.03	Pupa	2L:-:33121975-33121928	exon=> In CDS Exon 2 of transcript AGAP006502-PA
JHU_Ag_83574	IQNAAASLVSLQETVKK	AGAP006502-PA	-	29	0.004817471	1	1800.022	-0.58	Pupa	2L:-:33121975-33121925	exon=> In CDS Exon 2 of transcript AGAP006502-PA
JHU_Ag_92929	FLFDSNYETAPSGEPQK	AGAP006502-PA	-	73	6.57E-07	2	1929.887	0.16	Pupa	2L:-:33121804-33122231,33121484-33121653	exon=> In CDS Exon 3 and 2 of transcript AGAP006502-PA
JHU_Ag_112339	LAHIQQADDDQDAIR	AGAP006502-PA	-	70	1.57E-06	1	1708.830	2.68	Pupa	2L:-:33121849-33121805	exon=> In CDS Exon 2 of transcript AGAP006502-PA
JHU_Ag_105840	QPFFGQNQQGQDGNGQQGR	AGAP006504-PA	N14(Deamidated)	133	4.25E-13	1	2091.926	1.44	Salivary gland	2L:-:33166511-33166455	exon=> In CDS Exon 1 of transcript AGAP006504-PA
JHU_Ag_2762	QSDQNQSGDVGLAEFIHYVR	AGAP006508-PA	-	99	1.54E-09	1	2263.082	3.4	Head	2L:-:33197013-33196954	exon=> In CDS Exon 2 of transcript AGAP006508-PA
JHU_Ag_7828	QAGGAASTPQYPQYLHELPQADEER	AGAP006508-PA	-	69	1.84E-06	1	2756.298	2.33	Head	2L:-:33202405-33202331	exon=> In CDS Exon 1 of transcript AGAP006508-PA
JHU_Ag_70550	DFLLLAPSSDIHELVK	AGAP006508-PA	-	42	0.000353502	1	1796.985	3.11	Head	2L:-:33196665-33196618	exon=> In CDS Exon 3 of transcript AGAP006508-PA
JHU_Ag_109728	VDLEELITAFK	AGAP006508-PA	-	86	2.49E-08	2	1277.699	0.45	Midgut	2L:-:33196893-33196861	exon=> In CDS Exon 2 of transcript AGAP006508-PA
JHU_Ag_110049	DGNDRIDIHDLSAALK	AGAP006508-PA	-	72	1.09E-06	1	1752.883	-2.78	Head	2L:-:33202300-33202253	exon=> In CDS Exon 1 of transcript AGAP006508-PA
JHU_Ag_111986	NQDGKVDLEELITAFK	AGAP006508-PA	-	35	0.003370527	1	1819.951	4.19	Head	2L:-:33196908-33196861	exon=> In CDS Exon 2 of transcript AGAP006508-PA
JHU_Ag_5744	IIQTEGPVGLYR	AGAP006508-PA,AGAP006508-PB	-	38	0.001404281	1	1345.756	6.35	Visceras	2L:-:33177655-33177620;2L:-:33177655-33177620	exon=> In CDS Exon 6 of transcript AGAP006508-PA;exon=> In CDS Exon 4 of transcript AGAP006508-PB
JHU_Ag_21221	IIQTEGPVGLYR	AGAP006508-PA,AGAP006508-PB	-	58	1.56E-05	1	1345.751	2.54	Ovary	2L:-:33177655-33177620;2L:-:33177655-33177620	exon=> In CDS Exon 6 of transcript AGAP006508-PA;exon=> In CDS Exon 4 of transcript AGAP006508-PB
JHU_Ag_58812	IIQTEGPVGLYR	AGAP006508-PA,AGAP006508-PB	-	38	0.001525748	2	1345.753	3.99	Malpighian tubule	2L:-:33177655-33177620;2L:-:33177655-33177620	exon=> In CDS Exon 6 of transcript AGAP006508-PA;exon=> In CDS Exon 4 of transcript AGAP006508-PB
JHU_Ag_61171	IIQTEGPVGLYR	AGAP006508-PA,AGAP006508-PB	-	63	3.77E-06	1	1345.754	4.72	Head	2L:-:33177655-33177620;2L:-:33177655-33177620	exon=> In CDS Exon 6 of transcript AGAP006508-PA;exon=> In CDS Exon 4 of transcript AGAP006508-PB
JHU_Ag_71237	IIQTEGPVGLYR	AGAP006508-PA,AGAP006508-PB	-	36	0.002256746	2	1345.753	3.99	Pupa	2L:-:33177655-33177620;2L:-:33177655-33177620	exon=> In CDS Exon 6 of transcript AGAP006508-PA;exon=> In CDS Exon 4 of transcript AGAP006508-PB
JHU_Ag_79099	HLAAGGIAGAVSR	AGAP006508-PA,AGAP006508-PB	-	69	8.94E-07	1	1179.660	0.31	Head	2L:-:33178517-33178479;2L:-:33178517-33178479	exon=> In CDS Exon 4 of transcript AGAP006508-PA;exon=> In CDS Exon 2 of transcript AGAP006508-PB

JHU_Ag_101365	TGEYSSILDAASK	AGAP006508-PA,AGAP006508-PB	-	50	0.000120076	2	1341.655	1.23	Salivary gland	2L:-:33178083-33178045;2L:-:33178083-33178045	exon=> In CDS Exon 5 of transcript AGAP006508-PA;exon=> In CDS Exon 3 of transcript AGAP006508-PB
JHU_Ag_8219	GSLLDFLR	AGAP006510-PA	-	29	0.013154624	1	920.518	-2.76	Midgut	2L:-:33213260-33213237	exon=> In CDS Exon 4 of transcript AGAP006510-PA
JHU_Ag_5499	FHSDDYIR	AGAP006511-PA	-	32	0.005725627	1	1052.477	-2.5	Head	2L:+:33289843-33289866	exon=> In CDS Exon 3 of transcript AGAP006511-PA
JHU_Ag_11234	YGEYFPGTGDLR	AGAP006511-PA	-	51	9.12E-05	2	1374.635	2.13	Ovary	2L:+:33290322-33290357	exon=> In CDS Exon 4 of transcript AGAP006511-PA
JHU_Ag_82992	YYAVNIPLRDGMDDESYDSIFVPIISK	AGAP006511-PA	M12(Oxidation)	73	5.93E-07	1	3136.527	2.74	Ovary	2L:+:33290382-33290462	exon=> In CDS Exon 4 of transcript AGAP006511-PA
JHU_Ag_83227	YYAVNIPLRDGMDDESYDSIFVPIISK	AGAP006511-PA	M12(Oxidation)	77	2.42E-07	1	3136.527	2.86	Malpighian tubule	2L:+:33290382-33290462	exon=> In CDS Exon 4 of transcript AGAP006511-PA
JHU_Ag_89906	YNLPFLMVGGGGYTIR	AGAP006511-PA	M7(Oxidation)	100	1.69E-09	1	1773.909	5.38	Malpighian tubule	2L:+:33290592-33290639	exon=> In CDS Exon 4 of transcript AGAP006511-PA
JHU_Ag_15528	VTDLDDPSDGHEEDSELTDNPVK	AGAP006512-PA	-	60	7.15E-06	1	2527.100	1.86	Head	2L:-:33296097-33296273,33294350-33294656	exon=> In CDS Exon 5 and 4 of transcript AGAP006512-PA
JHU_Ag_23447	SEAETITVINSQGVR	AGAP006512-PA	-	96	3.95E-09	2	1603.834	3.35	Malpighian tubule	2L:-:33297237-33297193	exon=> In CDS Exon 1 of transcript AGAP006512-PA
JHU_Ag_37875	SEAETITVINSQGVR	AGAP006512-PA	-	71	1.16E-06	2	1603.835	3.73	Ovary	2L:-:33297237-33297193	exon=> In CDS Exon 1 of transcript AGAP006512-PA
JHU_Ag_50946	DNGAKPLVGILK	AGAP006512-PA	-	30	0.001743749	1	1224.735	3.09	Malpighian tubule	2L:-:33296497-33296462	exon=> In CDS Exon 3 of transcript AGAP006512-PA
JHU_Ag_56030	SEAETITVINSQGVR	AGAP006512-PA	-	51	0.000112196	2	1603.831	1.45	Male reproductive organs	2L:-:33297237-33297193	exon=> In CDS Exon 1 of transcript AGAP006512-PA
JHU_Ag_90765	QTDEDIIWSKEQAAK	AGAP006512-PA	-	72	1.22E-06	1	1761.876	6.14	Malpighian tubule	2L:-:33296697-33296653	exon=> In CDS Exon 2 of transcript AGAP006512-PA
JHU_Ag_91602	AVYFDPSTKEEK	AGAP006512-PA	-	37	0.002616499	1	1413.695	3.92	Malpighian tubule	2L:-:33296841-33296806	exon=> In CDS Exon 2 of transcript AGAP006512-PA
JHU_Ag_93249	SAQHPTEQQTRYGESNGVDGPR	AGAP006512-PA	N16(Deamidated)	79	1.93E-07	1	2415.106	5.71	Malpighian tubule	2L:-:33296202-33296137	exon=> In CDS Exon 4 of transcript AGAP006512-PA
JHU_Ag_2108	NLDEESQGR	AGAP006513-PA	-	54	3.00E-05	1	1047.472	1.7	Malpighian tubule	2L:-:33301468-33301442	exon=> In CDS Exon 9 of transcript AGAP006513-PA
JHU_Ag_2680	TNYDDSALFYASGESLKPQYIAASIK	AGAP006513-PA	-	115	4.58E-11	1	2852.398	-0.5	Midgut	2L:-:33304052-33303975	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_3441	FVVDYR	AGAP006513-PA	-	36	0.001686934	2	798.414	-1.17	Midgut	2L:-:33302418-33302401	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_5016	NCEDLNHSCNCDANLNR	AGAP006513-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C11(Carbamidomethyl)	52	4.42E-06	1	2105.817	-0.84	Head	2L:-:33301594-33301544	exon=> In CDS Exon 9 of transcript AGAP006513-PA
JHU_Ag_13125	GLASSNNFVGSLK	AGAP006513-PA	-	74	5.36E-07	2	1293.683	2.12	Malpighian tubule	2L:-:33303740-33303702	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_15755	APLELHSSTWFK	AGAP006513-PA	-	57	2.53E-05	1	1415.735	2	Ovary	2L:-:33301776-33301741	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_16818	FMINTDTR	AGAP006513-PA	-	40	0.000939795	2	997.477	-0.09	Midgut	2L:-:33301034-33301011	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_17766	TSEGNGFWELR	AGAP006513-PA	N5(Deamidated)	80	1.16E-07	2	1295.602	0.33	Midgut	2L:-:33303461-33304159,33301694-33302554	exon=> In CDS Exon 8 and 7 of transcript AGAP006513-PA
JHU_Ag_18084	LALADTVGSVR	AGAP006513-PA	-	64	5.13E-06	2	1101.627	0.74	Ovary	2L:-:33297823-33297791	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_19105	VVGDVSLDNCK	AGAP006513-PA	C10(Carbamidomethyl)	70	1.52E-06	2	1205.585	1.16	Malpighian tubule	2L:-:33302238-33302206	exon=> In CDS Exon 8 of transcript AGAP006513-PA

JHU_Ag_19240	LALADTVGSVR	AGAP006513-PA	-	83	5.74E-08	2	1101.627	0.29	Malpighian tubule	2L:-:33297823-33297791	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_19360	NGGICTENFVR	AGAP006513-PA	C5(Carbamidomethyl)	48	0.000192657	2	1266.591	0.8	Midgut	2L:-:33297958-33297926	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_19709	IGENLISLR	AGAP006513-PA	-	80	9.07E-08	2	1014.599	4.23	Malpighian tubule	2L:-:33299921-33299895	exon=> In CDS Exon 13 of transcript AGAP006513-PA
JHU_Ag_20297	IEGNFMDDAR	AGAP006513-PA	M6(Oxidation)	76	1.40E-07	2	1183.509	3.23	Malpighian tubule	2L:-:33297628-33297599	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_23082	GLASSNNFVGSLK	AGAP006513-PA	-	84	5.67E-08	2	1293.680	0.42	Midgut	2L:-:33303740-33303702	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_24192	LDPYALYVIVEK	AGAP006513-PA	-	48	0.000106306	2	1422.796	5.45	Larva	2L:-:33311227-33311192	exon=> In CDS Exon 4 of transcript AGAP006513-PA
JHU_Ag_28603	RLALADTVGSVR	AGAP006513-PA	-	37	0.001377041	1	1257.732	3.71	Malpighian tubule	2L:-:33297826-33297791	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_29673	AAASGLVGCLR	AGAP006513-PA	C9(Carbamidomethyl)	65	6.52E-06	2	1074.573	0.84	Malpighian tubule	2L:-:33302328-33302296	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_31475	AILLFQPPIR	AGAP006513-PA	-	47	2.82E-05	1	1167.726	1.05	Male reproductive organs	2L:-:33301232-33301203	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_31556	IGENLISLR	AGAP006513-PA	-	56	2.73E-05	2	1014.594	0.19	Salivary gland	2L:-:33299921-33299895	exon=> In CDS Exon 13 of transcript AGAP006513-PA
JHU_Ag_32661	AAASGLVGCLR	AGAP006513-PA	C9(Carbamidomethyl)	79	2.54E-07	1	1074.572	-0.29	Midgut	2L:-:33302328-33302296	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_32823	RLALADTVGSVR	AGAP006513-PA	-	47	0.000162692	2	1257.728	0.41	Midgut	2L:-:33297826-33297791	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_33022	TIVEHNLPSQVDVR	AGAP006513-PA	-	66	2.76E-06	1	1606.854	-0.47	Midgut	2L:-:33301941-33301900	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_34280	LQLAFSSNDMR	AGAP006513-PA	M10(Oxidation)	47	0.000327938	2	1297.620	-0.6	Midgut	2L:-:33297790-33297758	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_34732	HGDEASLLVDR	AGAP006513-PA	-	87	2.58E-08	2	1211.600	-1.06	Midgut	2L:-:33297577-33297545	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_35860	VIAILDDHVR	AGAP006513-PA	-	30	0.005759619	1	1150.658	-0.16	Midgut	2L:-:33303857-33303828	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_35936	LALADTVGSVR	AGAP006513-PA	-	68	1.95E-06	2	1101.627	0.52	Midgut	2L:-:33297823-33297791	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_36771	SDVYSIDIDGNGVFPPAR	AGAP006513-PA	N11(Deamidated)	63	7.20E-06	2	1921.928	-0.51	Midgut	2L:-:33302034-33301981	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_37916	AILLFQPPIR	AGAP006513-PA	-	40	0.00014091	2	1167.725	0.1	Ovary	2L:-:33301232-33301203	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_38292	TCEELALLGYSK	AGAP006513-PA	C2(Carbamidomethyl)	77	2.90E-07	2	1383.685	1.89	Male reproductive organs	2L:-:33302070-33302035	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_39306	SERVVGDVSLDNCK	AGAP006513-PA	C13(Carbamidomethyl)	34	0.005583412	1	1577.770	6.78	Malpighian tubule	2L:-:33302247-33302206	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_40232	VTLGPLECVETNTQK	AGAP006513-PA	C8(Carbamidomethyl)	69	2.25E-06	2	1688.852	0.02	Midgut	2L:-:33301441-33301622,33300940-33301329	exon=> In CDS Exon 10 and 9 of transcript AGAP006513-PA
JHU_Ag_41708	LSFDLCPDVK	AGAP006513-PA	C6(Carbamidomethyl)	64	6.55E-06	1	1193.589	1.18	Malpighian tubule	2L:-:33302538-33302509	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_42963	GSSYVSYR	AGAP006513-PA	-	51	8.85E-05	2	918.431	-0.28	Midgut	2L:-:33304136-33304113	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_45230	LSFDLCPDVK	AGAP006513-PA	C6(Carbamidomethyl)	69	1.93E-06	1	1193.586	-0.67	Midgut	2L:-:33302538-33302509	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_46955	HSVYYTR	AGAP006513-PA	-	38	0.001661882	2	925.453	0.38	Midgut	2L:-:33297598-33297578	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_47013	SDVYSIDIDGNGVFPPAR	AGAP006513-PA	-	47	0.000311955	1	1921.933	2.03	Malpighian tubule	2L:-:33302034-33301981	exon=> In CDS Exon 8 of transcript AGAP006513-PA

JHU_Ag_47599	ATAVLAYSEVK	AGAP006513-PA	-	38	0.00167812	2	1151.632	1.44	Ovary	2L:-:33303494-33303462	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_47743	HGDEASLLVDRAQIPIR	AGAP006513-PA	-	107	1.58E-10	1	1890.028	4.7	Malpighian tubule	2L:-:33297577-33297527	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_48904	AILLFQPPIR	AGAP006513-PA	-	52	6.36E-06	2	1167.730	3.97	Malpighian tubule	2L:-:33301232-33301203	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_49459	AASDLLPITPLIATKHENVK	AGAP006513-PA	-	51	2.06E-05	1	2131.215	1.52	Malpighian tubule	2L:-:33304424-33304365	exon=> In CDS Exon 6 of transcript AGAP006513-PA
JHU_Ag_49899	KGDIAFSFR	AGAP006513-PA	-	47	0.00019518	2	1040.552	-0.23	Male reproductive organs	2L:-:33301274-33301248	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_50854	AASDLLPITPLIATK	AGAP006513-PA	-	37	0.000289129	2	1523.904	-0.28	Male reproductive organs	2L:-:33304424-33304380	exon=> In CDS Exon 6 of transcript AGAP006513-PA
JHU_Ag_53380	ATAVLAYSEVKTSEGNGFWELR	AGAP006513-PA	-	67	2.66E-06	1	2428.222	3.28	Malpighian tubule	2L:-:33303494-33304159,33301694-33302554	exon=> In CDS Exon 8 and 7 of transcript AGAP006513-PA
JHU_Ag_56495	AASDLLPITPLIATK	AGAP006513-PA	-	38	0.000261873	2	1523.903	-1	Head	2L:-:33304424-33304380	exon=> In CDS Exon 6 of transcript AGAP006513-PA
JHU_Ag_58761	TCEELALLGYSK	AGAP006513-PA	C2(Carbamidomethyl)	72	8.65E-07	2	1383.681	-0.85	Ovary	2L:-:33302070-33302035	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_59887	ATAVLAYSEVK	AGAP006513-PA	-	50	9.50E-05	2	1151.631	0.59	Male reproductive organs	2L:-:33303494-33303462	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_60172	GASFSGEATLLR	AGAP006513-PA	-	90	1.35E-08	2	1208.628	0.98	Midgut	2L:-:33297862-33297827	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_60570	LDPYALYVIVEK	AGAP006513-PA	-	93	3.56E-09	2	1422.788	-0.04	Midgut	2L:-:33311227-33311192	exon=> In CDS Exon 4 of transcript AGAP006513-PA
JHU_Ag_61528	APLELHSSTWFK	AGAP006513-PA	-	68	2.18E-06	1	1415.734	1.66	Midgut	2L:-:33301776-33301741	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_62144	IENPTSWHSIQLTYER	AGAP006513-PA	-	76	5.07E-07	1	1973.972	-0.01	Midgut	2L:-:33302478-33302431	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_62408	AILLFQPPIR	AGAP006513-PA	-	52	8.91E-06	1	1167.725	-0.31	Midgut	2L:-:33301232-33301203	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_62990	LDPYALYVIVEK	AGAP006513-PA	-	42	0.000476373	2	1422.789	0.74	Visceras	2L:-:33311227-33311192	exon=> In CDS Exon 4 of transcript AGAP006513-PA
JHU_Ag_67534	ELWSTFECVCQNR	AGAP006513-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	61	5.89E-06	2	1728.755	4.7	Malpighian tubule	2L:-:33300703-33300665	exon=> In CDS Exon 11 of transcript AGAP006513-PA
JHU_Ag_67759	SATDEDFSFNIQYR	AGAP006513-PA	-	51	8.40E-05	2	1692.758	4.54	Malpighian tubule	2L:-:33301899-33301858	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_67828	TTGEKAILLFQPPIR	AGAP006513-PA	-	40	0.000205472	2	1683.987	4.42	Malpighian tubule	2L:-:33301247-33301203	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_68290	HGDEASLLVDR	AGAP006513-PA	-	51	0.00010413	2	1211.598	-3.07	Head	2L:-:33297577-33297545	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_69976	IGENLISLR	AGAP006513-PA	-	37	0.001954071	2	1014.595	0.62	Ovary	2L:-:33299921-33299895	exon=> In CDS Exon 13 of transcript AGAP006513-PA
JHU_Ag_72555	WAHLGQHCETNINEDALTFISR	AGAP006513-PA	C8(Carbamidomethyl)	96	3.67E-09	1	2612.236	1.74	Midgut	2L:-:33300664-33300881,33300133-33300530	exon=> In CDS Exon 12 and 11 of transcript AGAP006513-PA
JHU_Ag_76385	VIAILDDHVR	AGAP006513-PA	-	37	0.00106237	1	1150.660	1.95	Malpighian tubule	2L:-:33303857-33303828	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_78659	AASDLLPITPLIATK	AGAP006513-PA	-	64	7.82E-07	1	1523.899	-3.32	Midgut	2L:-:33304424-33304380	exon=> In CDS Exon 6 of transcript AGAP006513-PA
JHU_Ag_79193	VMLLLQSR	AGAP006513-PA	-	35	0.002085649	2	959.573	2.7	Malpighian tubule	2L:-:33297745-33297722	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_79977	HGDEASLLVDR	AGAP006513-PA	-	69	1.79E-06	2	1211.605	3.07	Malpighian tubule	2L:-:33297577-33297545	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_80362	VVGDVSLDNCK	AGAP006513-PA	C10(Carbamidomethyl)	57	3.10E-05	2	1205.583	0.04	Midgut	2L:-:33302238-33302206	exon=> In CDS Exon 8 of transcript AGAP006513-PA

JHU_Ag_80588	YVVTFTTSQSYIEVPGWR	AGAP006513-PA	-	80	1.57E-07	1	2133.070	2.19	Midgut	2L:-:33301328-33301275	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_81483	TRLPHGLLVYHNVK	AGAP006513-PA	-	68	3.09E-07	1	1646.954	3.17	Malpighian tubule	2L:-:33311287-33311246	exon=> In CDS Exon 4 of transcript AGAP006513-PA
JHU_Ag_81803	AILLFQPPIR	AGAP006513-PA	-	41	9.76E-05	2	1167.723	-1.88	Visceras	2L:-:33301232-33301203	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_81972	VDNNKEEVYLK	AGAP006513-PA	-	77	3.57E-07	1	1350.690	-0.39	Midgut	2L:-:33308658-33308626	exon=> In CDS Exon 5 of transcript AGAP006513-PA
JHU_Ag_82221	TIVEHNLPSQVDVR	AGAP006513-PA	-	80	1.06E-07	1	1606.860	3.32	Malpighian tubule	2L:-:33301941-33301900	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_83340	VVGDVSLDNCK	AGAP006513-PA	C10(Carbamidomethyl)	45	0.000415054	2	1205.583	-0.46	Male reproductive organs	2L:-:33302238-33302206	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_83512	TCEELALLGYSK	AGAP006513-PA	C2(Carbamidomethyl)	108	2.36E-10	1	1383.681	-0.94	Midgut	2L:-:33302070-33302035	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_83823	NGGICTENFVR	AGAP006513-PA	C5(Carbamidomethyl)	55	4.15E-05	2	1266.595	4.08	Malpighian tubule	2L:-:33297958-33297926	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_83967	ATAVLAYSEVK	AGAP006513-PA	-	70	8.74E-07	2	1151.631	-0.04	Midgut	2L:-:33303494-33303462	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_84724	IGENLISLR	AGAP006513-PA	-	80	1.04E-07	2	1014.594	-0.35	Midgut	2L:-:33299921-33299895	exon=> In CDS Exon 13 of transcript AGAP006513-PA
JHU_Ag_84782	GLKIGENLISLR	AGAP006513-PA	N7(Deamidated)	33	0.002255257	1	1313.767	-9.34	Midgut	2L:-:33299930-33299895	exon=> In CDS Exon 13 of transcript AGAP006513-PA
JHU_Ag_85977	VMLLLQSR	AGAP006513-PA	-	40	0.000703231	2	959.570	-0.61	Midgut	2L:-:33297745-33297722	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_86596	IGENLISLREMATQNNAHVTDGVLNGCQMK	AGAP006513-PA	M11(Oxidation), C27(Carbamidomethyl), M29(Oxidation)	64	5.37E-06	1	3345.615	4.8	Malpighian tubule	2L:-:33299921-33300067,33297395-33297980	exon=> In CDS Exon 14 and 13 of transcript AGAP006513-PA
JHU_Ag_87188	GDIAFSFR	AGAP006513-PA	-	42	0.000642737	1	912.457	-0.26	Midgut	2L:-:33301271-33301248	exon=> In CDS Exon 10 of transcript AGAP006513-PA
JHU_Ag_89155	GASFSGEATLLR	AGAP006513-PA	-	79	1.68E-07	2	1208.632	3.7	Malpighian tubule	2L:-:33297862-33297827	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_90892	TCEELALLGYSK	AGAP006513-PA	C2(Carbamidomethyl)	98	2.08E-09	2	1383.689	4.62	Malpighian tubule	2L:-:33302070-33302035	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_93909	SATDEDFSFNIQYR	AGAP006513-PA	-	105	2.74E-10	2	1692.749	-0.51	Midgut	2L:-:33301899-33301858	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_94834	AILNSSLLVNLR	AGAP006513-PA	-	93	1.21E-09	2	1312.800	3.78	Malpighian tubule	2L:-:33300460-33300425	exon=> In CDS Exon 12 of transcript AGAP006513-PA
JHU_Ag_97769	LDPYALYVIVEK	AGAP006513-PA	-	54	3.38E-05	2	1422.787	-0.72	Salivary gland	2L:-:33311227-33311192	exon=> In CDS Exon 4 of transcript AGAP006513-PA
JHU_Ag_102237	GLKIGENLISLR	AGAP006513-PA	N7(Deamidated)	34	0.001992296	1	1313.762	-12.78	Malpighian tubule	2L:-:33299930-33299895	exon=> In CDS Exon 13 of transcript AGAP006513-PA
JHU_Ag_102257	AASDLLPITPLIATK	AGAP006513-PA	-	36	0.000381146	2	1523.906	0.92	Ovary	2L:-:33304424-33304380	exon=> In CDS Exon 6 of transcript AGAP006513-PA
JHU_Ag_102578	GTCPCAIGKNCEDLNHSCNCDANLNR	AGAP006513-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C11(Carbamidomethyl), C18(Carbamidomethyl), C20(Carbamidomethyl)	50	3.44E-05	1	3050.250	3.43	Malpighian tubule	2L:-:33301621-33301544	exon=> In CDS Exon 9 of transcript AGAP006513-PA
JHU_Ag_104265	NCEDLNHSCNCDANLNR	AGAP006513-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C11(Carbamidomethyl)	27	0.002268286	1	2105.829	5.16	Malpighian tubule	2L:-:33301594-33301544	exon=> In CDS Exon 9 of transcript AGAP006513-PA
JHU_Ag_105300	AASDLLPITPLIATK	AGAP006513-PA	-	64	7.05E-07	2	1523.912	5.25	Malpighian tubule	2L:-:33304424-33304380	exon=> In CDS Exon 6 of transcript AGAP006513-PA

JHU_Ag_107103	WAHLGQHCETNINEDALTFISR	AGAP006513-PA	C8(Carbamidomethyl)	122	8.79E-12	1	2612.233	0.9	Malpighian tubule	2L:-:33300664-33300881,33300133-33300530	exon=> In CDS Exon 12 and 11 of transcript AGAP006513-PA
JHU_Ag_110458	GASFSGEATLLR	AGAP006513-PA	-	45	0.00045408	2	1208.628	0.67	Ovary	2L:-:33297862-33297827	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_113146	ATAVLAYSEVK	AGAP006513-PA	-	48	0.000124878	2	1151.634	3.24	Salivary gland	2L:-:33303494-33303462	exon=> In CDS Exon 7 of transcript AGAP006513-PA
JHU_Ag_114498	AILNSSLLVNLR	AGAP006513-PA	-	91	2.17E-09	1	1312.796	0.99	Midgut	2L:-:33300460-33300425	exon=> In CDS Exon 12 of transcript AGAP006513-PA
JHU_Ag_116823	INGVEIEPR	AGAP006513-PA	-	51	5.81E-05	2	1026.561	2.63	Malpighian tubule	2L:-:33302286-33302260	exon=> In CDS Exon 8 of transcript AGAP006513-PA
JHU_Ag_117325	VTLGPLECVETNTQK	AGAP006513-PA	C8(Carbamidomethyl)	100	1.77E-09	1	1688.856	2.4	Malpighian tubule	2L:-:33301441-33301622,33300940-33301329	exon=> In CDS Exon 10 and 9 of transcript AGAP006513-PA
JHU_Ag_117823	IEGNFMDDARHSVYYTR	AGAP006513-PA	M6(Oxidation)	50	0.000130795	1	2089.947	3.34	Malpighian tubule	2L:-:33297628-33297578	exon=> In CDS Exon 14 of transcript AGAP006513-PA
JHU_Ag_71081	ILVLENLWK	AGAP006517-PA	-	29	0.006807746	1	1127.682	-0.06	Midgut	2L:+:33769377-33769403	exon=> In CDS Exon 1 of transcript AGAP006517-PA
JHU_Ag_84659	IAIALLQR	AGAP006517-PA	-	52	6.55E-06	2	897.591	3.74	Malpighian tubule	2L:+:33768207-33768230	exon=> In CDS Exon 1 of transcript AGAP006517-PA
JHU_Ag_6653	SAMEKHLFNLK	AGAP006518-PA	N-Term(Acetyl)	36	0.003591998	1	1359.715	4.15	Malpighian tubule	2L:+:33776462-33776474,33776622-33776641	exon=> In CDS Exon 1 and 2 of transcript AGAP006518-PA
JHU_Ag_29009	SQSLNYLR	AGAP006518-PA	-	55	3.72E-05	1	980.517	0.55	Ovary	2L:+:33776783-33776806	exon=> In CDS Exon 2 of transcript AGAP006518-PA
JHU_Ag_39826	SAMEKHLFNLK	AGAP006518-PA	N-Term(Acetyl), M3(Oxidation)	44	0.00062677	1	1375.710	4.17	Malpighian tubule	2L:+:33776462-33776474,33776622-33776641	exon=> In CDS Exon 1 and 2 of transcript AGAP006518-PA
JHU_Ag_77637	AIQKGNTEVAR	AGAP006518-PA	-	46	0.000349615	2	1186.654	0.46	Malpighian tubule	2L:+:33776720-33776752	exon=> In CDS Exon 2 of transcript AGAP006518-PA
JHU_Ag_85994	VQTALTTR	AGAP006518-PA	-	50	0.000113773	1	889.511	0.81	Ovary	2L:+:33776840-33776863	exon=> In CDS Exon 2 of transcript AGAP006518-PA
JHU_Ag_88472	SQSLNYLR	AGAP006518-PA	-	32	0.007286353	2	980.515	-0.76	Head	2L:+:33776783-33776806	exon=> In CDS Exon 2 of transcript AGAP006518-PA
JHU_Ag_101511	IHAENAIR	AGAP006518-PA	-	55	2.46E-05	1	923.507	1.52	Male reproductive organs	2L:+:33776753-33776776	exon=> In CDS Exon 2 of transcript AGAP006518-PA
JHU_Ag_110777	HLFNLK	AGAP006518-PA	-	30	0.007344882	1	771.443	-10.91	Ovary	2L:+:33776624-33776641	exon=> In CDS Exon 2 of transcript AGAP006518-PA
JHU_Ag_67147	QDVLEQK	AGAP006521-PA	-	36	0.004870428	2	859.459	8.45	Head	2L:-:33826104-33826084	exon=> In CDS Exon 3 of transcript AGAP006521-PA
JHU_Ag_11008	NDDIPIGEQTVAQVLQSAK	AGAP006522-PA	-	138	1.84E-13	1	2026.050	2.47	Head	2L:-:33834781-33834833,33834351-33834381	exon=> In CDS Exon 4 and 3 of transcript AGAP006522-PA
JHU_Ag_11987	NDDIPIGEQTVAQVLQSAK	AGAP006522-PA	-	50	0.000122899	2	2026.042	-1.63	Visceras	2L:-:33834781-33834833,33834351-33834381	exon=> In CDS Exon 4 and 3 of transcript AGAP006522-PA
JHU_Ag_24249	NDDIPIGEQTVAQVLQSAK	AGAP006522-PA	-	98	2.09E-09	1	2026.044	-0.55	Midgut	2L:-:33834781-33834833,33834351-33834381	exon=> In CDS Exon 4 and 3 of transcript AGAP006522-PA
JHU_Ag_29160	NDDIPIGEQTVAQVLQSAK	AGAP006522-PA	-	77	2.25E-07	1	2026.043	-0.85	Ovary	2L:-:33834781-33834833,33834351-33834381	exon=> In CDS Exon 4 and 3 of transcript AGAP006522-PA
JHU_Ag_50276	NDDIPIGEQTVAQVLQSAK	AGAP006522-PA	-	74	4.47E-07	2	2026.054	4.39	Malpighian tubule	2L:-:33834781-33834833,33834351-33834381	exon=> In CDS Exon 4 and 3 of transcript AGAP006522-PA

JHU_Ag_102857	YYDKNVFPTVK	AGAP006522-PA	-	48	0.000242621	1	1373.713	1.86	Malpighian tubule	2L:-:33835214-33835182	exon=> In CDS Exon 2 of transcript AGAP006522-PA
JHU_Ag_13299	IADYDPLTDGPR	AGAP006526-PA	-	51	0.000133203	2	1332.643	-0.16	Ovary	2L:-:33853551-33853516	exon=> In CDS Exon 5 of transcript AGAP006526-PA
JHU_Ag_30878	ATTIAETPEFKR	AGAP006526-PA	-	53	6.92E-05	1	1363.726	3.26	Malpighian tubule	2L:-:33860267-33860232	exon=> In CDS Exon 3 of transcript AGAP006526-PA
JHU_Ag_43089	VTQVADDPETLR	AGAP006526-PA	-	72	7.38E-07	1	1343.678	-1.44	Ovary	2L:-:33860162-33860286,33858570-33858679	exon=> In CDS Exon 4 and 3 of transcript AGAP006526-PA
JHU_Ag_47828	GKVTQVADDPETLR	AGAP006526-PA	-	87	2.87E-08	1	1528.800	2.42	Malpighian tubule	2L:-:33860168-33860286,33858570-33858679	exon=> In CDS Exon 4 and 3 of transcript AGAP006526-PA
JHU_Ag_53344	VTQVADDPETLR	AGAP006526-PA	-	64	5.90E-06	1	1343.681	0.56	Malpighian tubule	2L:-:33860162-33860286,33858570-33858679	exon=> In CDS Exon 4 and 3 of transcript AGAP006526-PA
JHU_Ag_63870	VTQVADDPETLR	AGAP006526-PA	-	75	3.99E-07	2	1343.683	1.83	Head	2L:-:33860162-33860286,33858570-33858679	exon=> In CDS Exon 4 and 3 of transcript AGAP006526-PA
JHU_Ag_75027	NISNVAYHGDLQK	AGAP006526-PA	-	93	8.73E-09	1	1458.737	2.06	Malpighian tubule	2L:-:33858660-33858622	exon=> In CDS Exon 4 of transcript AGAP006526-PA
JHU_Ag_80168	IADYDPLTDGPR	AGAP006526-PA	-	62	1.07E-05	2	1332.651	5.89	Malpighian tubule	2L:-:33853551-33853516	exon=> In CDS Exon 5 of transcript AGAP006526-PA
JHU_Ag_104033	NISNVAYHGDLQK	AGAP006526-PA	-	77	3.53E-07	1	1458.736	1.56	Head	2L:-:33858660-33858622	exon=> In CDS Exon 4 of transcript AGAP006526-PA
JHU_Ag_108494	NISNVAYHGDLQKK	AGAP006526-PA	-	70	1.34E-06	2	1586.832	2.43	Malpighian tubule	2L:-:33858660-33858619	exon=> In CDS Exon 4 of transcript AGAP006526-PA
JHU_Ag_112742	NISNVAYHGDLQK	AGAP006526-PA	-	65	5.30E-06	1	1458.740	4.41	Ovary	2L:-:33858660-33858622	exon=> In CDS Exon 4 of transcript AGAP006526-PA
JHU_Ag_40921	VGAGVDDDDDEDDEDEVPAGK	AGAP006528-PA	-	106	4.50E-11	2	2161.853	0.2	Head	2L:+:33919475-33919537	exon=> In CDS Exon 8 of transcript AGAP006528-PA
JHU_Ag_49775	KEIELAR	AGAP006528-PA	-	47	0.000320182	2	858.508	3.97	Larva	2L:+:33912701-33912721	exon=> In CDS Exon 4 of transcript AGAP006528-PA
JHU_Ag_3115	MKFDEETSER	AGAP006529-PA	-	58	1.06E-05	2	1271.556	-0.87	Midgut	2L:-:33924999-33924970	exon=> In CDS Exon 2 of transcript AGAP006529-PA
JHU_Ag_4134	QGAQNIIYAATDNVNTEEKNPVTGYFVTNVK	AGAP006529-PA	-	117	1.89E-11	1	3398.705	5.41	Head	2L:-:33925175-33925964,33924934-33925015	exon=> In CDS Exon 2 and 1 of transcript AGAP006529-PA
JHU_Ag_4705	NPVTGYFVTNVK	AGAP006529-PA	-	55	3.34E-05	2	1338.706	0.8	Head	2L:-:33925050-33925015	exon=> In CDS Exon 2 of transcript AGAP006529-PA
JHU_Ag_5869	VFIITGANTGLGYETAR	AGAP006529-PA	-	93	6.06E-09	1	1782.941	1.63	Head	2L:-:33925841-33925791	exon=> In CDS Exon 1 of transcript AGAP006529-PA
JHU_Ag_21184	VFIITGANTGLGYETAR	AGAP006529-PA	-	112	6.75E-11	2	1782.947	4.5	Malpighian tubule	2L:-:33925841-33925791	exon=> In CDS Exon 1 of transcript AGAP006529-PA
JHU_Ag_33640	VFIITGANTGLGYETAR	AGAP006529-PA	-	95	4.09E-09	2	1782.935	-2.07	Midgut	2L:-:33925841-33925791	exon=> In CDS Exon 1 of transcript AGAP006529-PA
JHU_Ag_37497	VFIITGANTGLGYETAR	AGAP006529-PA	-	88	1.84E-08	2	1782.941	1.22	Male reproductive organs	2L:-:33925841-33925791	exon=> In CDS Exon 1 of transcript AGAP006529-PA
JHU_Ag_42081	QGAQNIIYAATDNVNTEEKNPVTGYFVTNVK	AGAP006529-PA	-	81	8.78E-08	1	3398.671	-4.39	Midgut	2L:-:33925175-33925964,33924934-33925015	exon=> In CDS Exon 2 and 1 of transcript AGAP006529-PA
JHU_Ag_47683	AKIDFDNLGK	AGAP006529-PA	-	40	0.001357935	1	1120.600	0.45	Pupa	2L:-:33925424-33925395	exon=> In CDS Exon 1 of transcript AGAP006529-PA
JHU_Ag_47969	VFIITGANTGLGYETAR	AGAP006529-PA	-	87	2.38E-08	2	1782.943	2.31	Salivary gland	2L:-:33925841-33925791	exon=> In CDS Exon 1 of transcript AGAP006529-PA
JHU_Ag_70054	GKVFIITGANTGLGYETAR	AGAP006529-PA	-	48	0.000127103	1	1968.063	3.96	Malpighian tubule	2L:-:33925847-33925791	exon=> In CDS Exon 1 of transcript AGAP006529-PA

JHU_Ag_101581	ENYEVHYGVNHLGHFLLVDLLK	AGAP006529-PA	-	81	7.22E-08	1	2609.350	-0.45	Midgut	2L:-:33925550-33925485	exon=> In CDS Exon 1 of transcript AGAP006529-PA
JHU_Ag_104213	NPVTGYFVTNVK	AGAP006529-PA	-	66	2.49E-06	2	1338.708	2.17	Pupa	2L:-:33925050-33925015	exon=> In CDS Exon 2 of transcript AGAP006529-PA
JHU_Ag_112624	QGAQNIIYAATDNVNTEEKNPVTGYFVTNVK	AGAP006529-PA	-	76	2.32E-07	1	3398.703	4.98	Malpighian tubule	2L:-:33925175-33925964,33924934-33925015	exon=> In CDS Exon 2 and 1 of transcript AGAP006529-PA
JHU_Ag_10874	VYAEASLVFPILVGETFVK	AGAP006531-PA	-	106	1.21E-10	1	2082.149	-1.64	Ovary	2L:-:33930410-33930354	exon=> In CDS Exon 2 of transcript AGAP006531-PA
JHU_Ag_34438	NPGLVVDIVSDLR	AGAP006531-PA	-	85	1.90E-08	1	1396.780	0.3	Ovary	2L:-:33930671-33930633	exon=> In CDS Exon 2 of transcript AGAP006531-PA
JHU_Ag_40664	NPGLVVDIVSDLRR	AGAP006531-PA	-	51	2.96E-05	1	1552.879	-0.83	Ovary	2L:-:33930671-33930630	exon=> In CDS Exon 2 of transcript AGAP006531-PA
JHU_Ag_86964	VYAEASLVFPILVGETFVKDHYLENK	AGAP006531-PA	N25(Deamidated)	29	0.008319516	1	2982.551	0.22	Head	2L:-:33930410-33930333	exon=> In CDS Exon 2 of transcript AGAP006531-PA
JHU_Ag_87034	IPVFSPALTDGSLGDMMYFHSFR	AGAP006531-PA	M16(Oxidation), M17(Oxidation)	86	3.90E-08	1	2620.217	-1.71	Ovary	2L:-:33930740-33930672	exon=> In CDS Exon 2 of transcript AGAP006531-PA
JHU_Ag_465	LAANAFLAQR	AGAP006532-PA	-	94	3.95E-09	2	1074.608	2.05	Malpighian tubule	2L:+:33944880-33944909	exon=> In CDS Exon 2 of transcript AGAP006532-PA
JHU_Ag_31384	ISILGFAFK	AGAP006532-PA	-	43	0.000214906	1	995.591	-1.62	Ovary	2L:+:33945210-33945236	exon=> In CDS Exon 2 of transcript AGAP006532-PA
JHU_Ag_46770	AVQIFADPYDAVR	AGAP006532-PA	-	55	3.89E-05	2	1464.748	0.16	Malpighian tubule	2L:+:33945402-33945440	exon=> In CDS Exon 2 of transcript AGAP006532-PA
JHU_Ag_3147	ACIQHGDSHTAGGLFSQK	AGAP006533-PA	C2(Carbamidomethyl)	74	5.14E-07	1	1913.895	1.42	Head	2L:+:33949471-33949524	exon=> In CDS Exon 3 of transcript AGAP006533-PA
JHU_Ag_2999	LTPISSAGSGGTVSTPIGNVMYK	AGAP006534-PA,AGAP006534-PB	M21(Oxidation)	136	3.40E-13	1	2253.153	4.18	Ovary	2L:-:33958345-33958277;2L:-:33958345-33958277	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_9437	TTDLSQFQPHYATCPPR	AGAP006534-PA,AGAP006534-PB	C14(Carbamidomethyl)	37	0.002699 62	1	2018.936	-1.42	Head	2L:-:33957961-33957911;2L:-:33957961-33957911	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_16380	LLQASIDEALR	AGAP006534-PA,AGAP006534-PB	-	59	1.15E-05	2	1228.691	0.88	Ovary	2L:-:33957244-33957212;2L:-:33957244-33957212	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_20861	LVFANVALLK	AGAP006534-PA,AGAP006534-PB	-	26	0.003486051	2	1087.687	-0.36	Ovary	2L:-:33957805-33957776;2L:-:33957805-33957776	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_22590	SIATSAAVVNNASSTDGTSR	AGAP006534-PA,AGAP006534-PB	-	95	4.97E-09	2	1908.922	-1.98	Salivary gland	2L:-:33956965-33956906;2L:-:33956965-33956906	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_53949	TTDLSQFQPHYATCPPR	AGAP006534-PA,AGAP006534-PB	C14(Carbamidomethyl)	106	3.67E-10	1	2018.937	-1.12	Ovary	2L:-:33957961-33957911;2L:-:33957961-33957911	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_55502	LVFANVALLK	AGAP006534-PA,AGAP006534-PB	-	43	2.41E-05	2	1087.696	7.83	Salivary gland	2L:-:33957805-33957776;2L:-:33957805-33957776	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB

JHU_Ag_67291	GSTTSPGTSGQQQQQPVK	AGAP006534-PA,AGAP006534-PB	-	61	9.88E-06	2	1815.887	1.89	Head	2L:-:33958159-33958106;2L:-:33958159-33958106	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_71057	CIMLLNQYDKLESELDTLR	AGAP006534-PA,AGAP006534-PB	C1(Carbamidomethyl), M3(Oxidation)	110	1.61E-10	1	2370.179	4.41	Ovary	2L:-:33958498-33958442;2L:-:33958498-33958442	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_86905	TTDLSQFQPHYATCPPR	AGAP006534-PA,AGAP006534-PB	C14(Carbamidomethyl)	41	0.001124545	1	2018.949	4.74	Malpighian tubule	2L:-:33957961-33957911;2L:-:33957961-33957911	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_93887	SIATSAAVVNNASSTDGTSR	AGAP006534-PA,AGAP006534-PB	-	45	0.000516493	2	1908.926	0.32	Head	2L:-:33956965-33956906;2L:-:33956965-33956906	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_108934	GTLLGFIHK	AGAP006534-PA,AGAP006534-PB	-	39	0.000998894	1	985.586	2.93	Ovary	2L:-:33958441-33958415;2L:-:33958441-33958415	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_109335	SIATSAAVVNNASSTDGTSR	AGAP006534-PA,AGAP006534-PB	-	37	0.003636842	2	1908.923	-1.34	Ovary	2L:-:33956965-33956906;2L:-:33956965-33956906	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_110599	SIATSAAVVNNASSTDGTSR	AGAP006534-PA,AGAP006534-PB	-	107	3.26E-10	2	1908.928	1.03	Malpighian tubule	2L:-:33956965-33956906;2L:-:33956965-33956906	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_115628	VIGSDYSVVLTVEDVICR	AGAP006534-PA,AGAP006534-PB	C17(Carbamidomethyl)	70	1.20E-06	2	2024.048	5.53	Ovary	2L:-:33958555-33958502;2L:-:33958555-33958502	exon=> In CDS Exon 3 of transcript AGAP006534-PA;exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_17357	VFTTTTAQQHHSQQPQHQQQQLNAVK	AGAP006534-PB	-	132	7.52E-13	1	3013.500	0.52	Head	2L:-:33958885-33958808	exon=> In CDS Exon 2 of transcript AGAP006534-PB
JHU_Ag_117535	LEGLLK	AGAP006535-PA	-	34	0.00168449	1	672.428	-1.75	Head	2L:+:33965969-33965986	exon=> In CDS Exon 2 of transcript AGAP006535-PA
JHU_Ag_21639	DVDDSVYGIAQVIAHPQYDSR	AGAP006539-PA	-	100	1.67E-09	1	2348.127	5.06	Larva	2L:+:34064462-34064524	exon=> In CDS Exon 2 of transcript AGAP006539-PA
JHU_Ag_81053	NSHLNDIALLK	AGAP006539-PA	-	39	0.001033445	1	1237.693	2.39	Larva	2L:+:34064525-34064557	exon=> In CDS Exon 2 of transcript AGAP006539-PA
JHU_Ag_20341	SAQFFQQATEER	AGAP006541-PA	-	95	3.59E-09	2	1441.668	-1.69	Midgut	2L:+:34077246-34077281	exon=> In CDS Exon 1 of transcript AGAP006541-PA
JHU_Ag_46583	SLASFLADGYR	AGAP006541-PA	-	82	6.25E-08	2	1199.606	0.27	Ovary	2L:+:34080779-34080811	exon=> In CDS Exon 2 of transcript AGAP006541-PA
JHU_Ag_32938	YLDQAPQQQLPTVHQPAHEHLPR	AGAP006546-PA	-	60	0.00001155	1	2703.381	2.01	Malpighian tubule	2L:+:34105109-34105177	exon=> In CDS Exon 5 of transcript AGAP006546-PA
JHU_Ag_85876	RFTSTLTEEK	AGAP006546-PA	-	40	0.001106173	1	1211.631	3.48	Malpighian tubule	2L:+:34105550-34105579	exon=> In CDS Exon 5 of transcript AGAP006546-PA
JHU_Ag_1459	LTKPDELSK	AGAP006548-PA	-	54	4.83E-05	1	1030.580	1.52	Head	2L:+:34113038-34113064	exon=> In CDS Exon 4 of transcript AGAP006548-PA
JHU_Ag_19004	LMSEEQYTEFLK	AGAP006548-PA	M2(Oxidation)	96	3.19E-09	1	1517.721	1.37	Visceras	2L:+:34113065-34113100	exon=> In CDS Exon 4 of transcript AGAP006548-PA
JHU_Ag_30461	LMSEEQYTEFLK	AGAP006548-PA	M2(Oxidation)	76	3.55E-07	1	1517.721	0.97	Midgut	2L:+:34113065-34113100	exon=> In CDS Exon 4 of transcript AGAP006548-PA
JHU_Ag_40795	LMSEEQYTEFLK	AGAP006548-PA	M2(Oxidation)	94	4.96E-09	1	1533.712	-1.22	Head	2L:+:34113065-34113100	exon=> In CDS Exon 4 of transcript AGAP006548-PA

JHU_Ag_50555	NGAVEETPGLVNSSCYENGWLFK	AGAP006548-PA	C15(Carbamidomethyl)	39	0.001632555	2	2571.192	3.91	Head	2L:+:34112881-34112935,34113018-34113031	exon=> In CDS Exon 3 and 4 of transcript AGAP006548-PA
JHU_Ag_71878	LMSEEQYTEFLK	AGAP006548-PA	M2(Oxidation)	84	4.97E-08	2	1533.714	-0.42	Male reproductive organs	2L:+:34113065-34113100	exon=> In CDS Exon 4 of transcript AGAP006548-PA
JHU_Ag_96392	NGAVEETPGLVNSSCYENGWLFK	AGAP006548-PA	N1(Deamidated), C15(Carbamidomethyl)	86	3.58E-08	2	2572.168	0.82	Visceras	2L:+:34112881-34112935,34113018-34113031	exon=> In CDS Exon 3 and 4 of transcript AGAP006548-PA
JHU_Ag_5073	IFNPHPDVASK	AGAP006569-PA	-	57	2.27E-05	1	1224.638	1.04	Head	2L:+:34159230-34159262	exon=> In CDS Exon 1 of transcript AGAP006569-PA
JHU_Ag_5795	GECLYCFITPNQNEAFDK	AGAP006569-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	50	7.05E-05	1	2205.962	1.66	Head	2L:+:34165348-34165401	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_12068	FGDEPVLK	AGAP006569-PA	-	39	0.00237822	2	904.479	1.37	Head	2L:+:34164557-34164580	exon=> In CDS Exon 4 of transcript AGAP006569-PA
JHU_Ag_12747	VLITADGAWR	AGAP006569-PA	-	72	7.03E-07	1	1101.609	3.41	Head	2L:+:34163893-34163922	exon=> In CDS Exon 3 of transcript AGAP006569-PA
JHU_Ag_13609	VAVNDRDVGDTSTLADEAIIEQLFANRPAH	AGAP006569-PA	-	83	5.59E-08	1	3237.636	6.95	Malpighian tubule	2L:+:34165534-34165623	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_14730	GECLYCFITPNQNEAFDKTLISELK	AGAP006569-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	67	2.61E-06	1	2990.452	8.16	Head	2L:+:34165348-34165422	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_15152	NFFSYNFDISK	AGAP006569-PA	-	70	1.50E-06	1	1381.648	3.92	Visceras	2L:+:34159383-34159415	exon=> In CDS Exon 1 of transcript AGAP006569-PA
JHU_Ag_15280	VLITADGAWRGEK	AGAP006569-PA	-	65	3.51E-06	1	1415.772	5.34	Malpighian tubule	2L:+:34163893-34163931	exon=> In CDS Exon 3 of transcript AGAP006569-PA
JHU_Ag_19904	VSEAAVVSRPHPVK	AGAP006569-PA	-	81	3.86E-08	1	1475.834	0.82	Head	2L:+:34165306-34165347	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_34252	VTPGKEDWDGSFDTPWR	AGAP006569-PA	-	54	5.08E-05	1	1992.909	-0.09	Visceras	2L:+:34164031-34164069,34164137-34164148	exon=> In CDS Exon 3 and 4 of transcript AGAP006569-PA
JHU_Ag_34960	DVGDTSTLADEAIIEQLFANRPAH	AGAP006569-PA	-	103	7.74E-10	2	2583.276	2.91	Head	2L:+:34165552-34165623	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_41999	VAVNDRDVGDTSTLADEAIIEQLFANRPAH	AGAP006569-PA	-	76	2.67E-07	1	3237.630	4.92	Head	2L:+:34165534-34165623	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_42773	AYINSMQQYREFYQQSLENPGQFWANVAK	AGAP006569-PA	M6(Oxidation)	76	2.61E-07	3	3526.665	4.7	Malpighian tubule	2L:+:34159263-34159349	exon=> In CDS Exon 1 of transcript AGAP006569-PA
JHU_Ag_42904	TLISELK	AGAP006569-PA	-	35	0.000828243	2	803.486	-1.57	Head	2L:+:34165402-34165422	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_43154	DADGYFWVTGR	AGAP006569-PA	-	80	9.97E-08	2	1286.583	2.31	Head	2L:+:34165195-34165227	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_60162	VTPGKEDWDGSFDTPWR	AGAP006569-PA	-	64	4.90E-06	1	1992.911	1.23	Head	2L:+:34164031-34164069,34164137-34164148	exon=> In CDS Exon 3 and 4 of transcript AGAP006569-PA
JHU_Ag_60222	EFYQQSLENPGQFWANVAK	AGAP006569-PA	-	104	7.35E-10	1	2256.084	5.45	Head	2L:+:34159293-34159349	exon=> In CDS Exon 1 of transcript AGAP006569-PA
JHU_Ag_66651	FGDEPVLKHDLSSLR	AGAP006569-PA	-	87	2.05E-08	1	1712.901	2.79	Malpighian tubule	2L:+:34164557-34164600,34164687	exon=> In CDS Exon 4 and 5 of transcript AGAP006569-PA
JHU_Ag_67553	IGPFAQPDVIQHAPGLPK	AGAP006569-PA	-	51	4.33E-05	1	1885.035	1.12	Visceras	2L:+:34165441-34165494	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_72044	DVGDTSTLADEAIIEQLFANRPAH	AGAP006569-PA	-	38	0.002243199	1	2583.271	1.04	Visceras	2L:+:34165552-34165623	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_72270	HDLSSLR	AGAP006569-PA	-	45	0.000279505	1	827.434	-3.18	Head	2L:+:34164581-34164600,34164687	exon=> In CDS Exon 4 and 5 of transcript AGAP006569-PA

JHU_Ag_73418	IGAVHSIVFAGFSSDSLAER	AGAP006569-PA	-	118	2.08E-11	1	2063.054	-0.96	Head	2L:+:34163720-34163743,34163836-34163871	exon=> In CDS Exon 2 and 3 of transcript AGAP006569-PA
JHU_Ag_74171	EDWDGSFDTPWR	AGAP006569-PA	-	76	9.58E-08	1	1510.627	2.53	Head	2L:+:34164046-34164069,34164137-34164148	exon=> In CDS Exon 3 and 4 of transcript AGAP006569-PA
JHU_Ag_74867	GVLHTTAGYLLYAATTFK	AGAP006569-PA	-	36	0.002232662	1	1927.039	3.55	Head	2L:+:34164275-34164328	exon=> In CDS Exon 4 of transcript AGAP006569-PA
JHU_Ag_78006	VAVNDRDVGDTSTLADEAIIEQLFANRPAH	AGAP006569-PA	-	58	1.80E-05	1	3237.630	5.14	Visceras	2L:+:34165534-34165623	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_83637	VSQFYTAPTAIR	AGAP006569-PA	-	42	0.000549303	2	1353.718	1.13	Ovary	2L:+:34164509-34164544	exon=> In CDS Exon 4 of transcript AGAP006569-PA
JHU_Ag_87502	IGPFAQPDVIQHAPGLPK	AGAP006569-PA	-	119	7.16E-12	1	1885.034	0.64	Head	2L:+:34165441-34165494	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_87970	NGLGDTVAYYWEGNHPDDYSR	AGAP006569-PA	N1(Deamidated)	115	1.93E-11	1	2430.037	4.26	Head	2L:+:34159491-34159522,34163548-34163578	exon=> In CDS Exon 1 and 2 of transcript AGAP006569-PA
JHU_Ag_94052	PSEPEKIFNPHPDVASK	AGAP006569-PA	-	37	0.003304046	1	1891.955	-0.07	Malpighian tubule	2L:+:34159212-34159262	exon=> In CDS Exon 1 of transcript AGAP006569-PA
JHU_Ag_98176	IGPFAQPDVIQHAPGLPK	AGAP006569-PA	-	72	3.31E-07	1	1885.041	4.13	Malpighian tubule	2L:+:34165441-34165494	exon=> In CDS Exon 7 of transcript AGAP006569-PA
JHU_Ag_102955	LLEEVCR	AGAP006569-PA	C6(Carbamidomethyl)	36	0.004842096	2	918.472	0.65	Head	2L:+:34163594-34163614	exon=> In CDS Exon 2 of transcript AGAP006569-PA
JHU_Ag_106109	IGAVHSIVFAGFSSDSLAER	AGAP006569-PA	-	53	6.93E-05	1	2063.063	3.54	Visceras	2L:+:34163720-34163743,34163836-34163871	exon=> In CDS Exon 2 and 3 of transcript AGAP006569-PA
JHU_Ag_108255	IGAVHSIVFAGFSSDSLAER	AGAP006569-PA	-	74	5.50E-07	1	2063.067	5.66	Malpighian tubule	2L:+:34163720-34163743,34163836-34163871	exon=> In CDS Exon 2 and 3 of transcript AGAP006569-PA
JHU_Ag_108786	VSQFYTAPTAIR	AGAP006569-PA	-	72	6.04E-07	1	1353.719	2.39	Visceras	2L:+:34164509-34164544	exon=> In CDS Exon 4 of transcript AGAP006569-PA
JHU_Ag_109920	VSQFYTAPTAIR	AGAP006569-PA	-	61	7.35E-06	1	1353.720	3.11	Head	2L:+:34164509-34164544	exon=> In CDS Exon 4 of transcript AGAP006569-PA
JHU_Ag_111197	NFFSYNFDISK	AGAP006569-PA	-	52	8.32E-05	2	1381.642	-0.14	Head	2L:+:34159383-34159415	exon=> In CDS Exon 1 of transcript AGAP006569-PA
JHU_Ag_117761	FNGYYCTGDGAR	AGAP006569-PA	C6(Carbamidomethyl)	66	7.22E-07	2	1380.565	0.53	Head	2L:+:34165080-34165107,34165184-34165191	exon=> In CDS Exon 6 and 7 of transcript AGAP006569-PA
JHU_Ag_7351	ALNLDECYEHVLGLVETAGSLIASR	AGAP006570-PA	N-Term(Acetyl), C7(Carbamidomethyl)	134	4.73E-13	1	2772.388	0.34	Ovary	2L:+:34169204-34169263,34169338-34169352	exon=> In CDS Exon 1 and 2 of transcript AGAP006570-PA
JHU_Ag_7507	SSNIDLLTETDQQVER	AGAP006570-PA	-	121	1.46E-11	2	1847.903	2.4	Salivary gland	2L:+:34169383-34169430	exon=> In CDS Exon 2 of transcript AGAP006570-PA
JHU_Ag_12037	VSGETAFER	AGAP006570-PA	-	65	4.51E-06	2	995.481	1.4	Malpighian tubule	2L:+:34169791-34169817	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_12527	EAGGVCLDPAGGPLDLMSR	AGAP006570-PA	C6(Carbamidomethyl), M17(Oxidation)	66	3.72E-06	1	1930.903	1.63	Midgut	2L:+:34170112-34170168	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_13201	VVQTLTQYYPEPR	AGAP006570-PA	-	71	8.48E-07	2	1593.830	1.85	Salivary gland	2L:+:34170208-34170246	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_13781	ALATTEFGTSR	AGAP006570-PA	-	74	5.25E-07	2	1153.584	-0.38	Male reproductive organs	2L:+:34169818-34169850	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_17744	EAGGVCLDPAGGPLDLMSR	AGAP006570-PA	C6(Carbamidomethyl), M17(Oxidation)	98	2.53E-09	1	1930.900	0.3	Salivary gland	2L:+:34170112-34170168	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_22965	ALATTEFGTSR	AGAP006570-PA	-	69	1.77E-06	2	1153.584	-0.9	Ovary	2L:+:34169818-34169850	exon=> In CDS Exon 3 of transcript AGAP006570-PA

JHU_Ag_24426	VTEIAIIYNPIVGQK	AGAP006570-PA	-	77	7.30E-08	2	1657.955	1.42	Head	2L:+:34169695-34169739	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_27775	VVQTLTQYYPEPR	AGAP006570-PA	-	51	9.96E-05	1	1593.832	2.77	Midgut	2L:+:34170208-34170246	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_27898	SSNIDLLTETDQQVER	AGAP006570-PA	-	151	1.34E-14	2	1847.900	0.95	Head	2L:+:34169383-34169430	exon=> In CDS Exon 2 of transcript AGAP006570-PA
JHU_Ag_35342	VSGETAFER	AGAP006570-PA	-	65	4.92E-06	2	995.479	-0.5	Midgut	2L:+:34169791-34169817	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_36291	VVQTLTQYYPEPRD	AGAP006570-PA	-	46	0.000388427	2	1708.856	0.82	Salivary gland	2L:+:34170208-34170249	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_37904	VVQTLTQYYPEPR	AGAP006570-PA	-	97	2.29E-09	1	1593.830	1.93	Head	2L:+:34170208-34170246	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_44818	VVQTLTQYYPEPR	AGAP006570-PA	-	50	0.000104582	2	1593.831	2.31	Pupa	2L:+:34170208-34170246	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_53389	SSNIDLLTETDQQVER	AGAP006570-PA	-	79	2.23E-07	2	1847.909	6.1	Midgut	2L:+:34169383-34169430	exon=> In CDS Exon 2 of transcript AGAP006570-PA
JHU_Ag_54844	VTEIAIIYNPIVGQK	AGAP006570-PA	-	84	1.59E-08	2	1657.952	-0.27	Midgut	2L:+:34169695-34169739	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_63526	FIGEEETSEGK	AGAP006570-PA	-	46	0.000235288	2	1225.558	-0.46	Male reproductive organs	2L:+:34169548-34169580	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_67583	VTEIAIIYNPIVGQK	AGAP006570-PA	-	79	3.85E-08	2	1657.954	0.98	Salivary gland	2L:+:34169695-34169739	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_77327	SSNIDLLTETDQQVER	AGAP006570-PA	-	99	2.37E-09	2	1847.903	2.86	Pupa	2L:+:34169383-34169430	exon=> In CDS Exon 2 of transcript AGAP006570-PA
JHU_Ag_79683	VSGETAFER	AGAP006570-PA	-	68	2.33E-06	2	995.479	-0.01	Salivary gland	2L:+:34169791-34169817	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_79757	SSNIDLLTETDQQVER	AGAP006570-PA	-	105	6.05E-10	2	1847.907	4.84	Malpighian tubule	2L:+:34169383-34169430	exon=> In CDS Exon 2 of transcript AGAP006570-PA
JHU_Ag_80829	ALATTEFGTSR	AGAP006570-PA	-	56	2.98E-05	2	1153.585	0.26	Salivary gland	2L:+:34169818-34169850	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_106832	EAGGVCLDPAGGPLDLMSR	AGAP006570-PA	C6(Carbamidomethyl), M17(Oxidation)	52	9.94E-05	1	1930.904	2.07	Malpighian tubule	2L:+:34170112-34170168	exon=> In CDS Exon 4 of transcript AGAP006570-PA
JHU_Ag_117616	VTEIAIIYNPIVGQK	AGAP006570-PA	-	41	0.000219405	2	1657.961	4.88	Pupa	2L:+:34169695-34169739	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_117773	ALATTEFGTSR	AGAP006570-PA	-	71	1.07E-06	2	1153.587	1.95	Malpighian tubule	2L:+:34169818-34169850	exon=> In CDS Exon 3 of transcript AGAP006570-PA
JHU_Ag_3044	FKGINIQELTLHNK	AGAP006573-PA	-	46	0.000116616	1	1654.930	1.63	Ovary	2L:-:34205132-34205091	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_4852	LHNLAVESGQELK	AGAP006573-PA	-	94	4.31E-09	1	1437.764	-3.89	Head	2L:-:34205240-34205202	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_11244	GRWQNNEIIAK	AGAP006573-PA	-	45	0.000456932	1	1328.704	-2.53	Ovary	2L:-:34205057-34205025	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_23444	FALDIAR	AGAP006573-PA	-	43	0.000524121	2	805.458	2.05	Ovary	2L:-:34204802-34204782	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_26911	FALDIAR	AGAP006573-PA	-	46	0.000212536	1	805.458	1.06	Malpighian tubule	2L:-:34204802-34204782	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_31776	IFSHPNILPVLGACNAPSNLIVISQYMPR	AGAP006573-PA	C14(Carbamidomethyl), M27(Oxidation)	107	1.58E-10	1	3237.695	1.05	Malpighian tubule	2L:-:34204955-34204869	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_32562	VAITPGGETWR	AGAP006573-PA	-	40	0.001353572	1	1186.624	1.7	Ovary	2L:-:34205090-34205058	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_33831	IATEGLRVTIPPGTSPHLAK	AGAP006573-PA	-	70	2.40E-07	1	2058.173	1	Malpighian tubule	2L:-:34204396-34204337	exon=> In CDS Exon 5 of transcript AGAP006573-PA
JHU_Ag_41219	MEDIFHWCR	AGAP006573-PA	N-Term(Acetyl), M1(Oxidation), C8(Carbamidomethyl)	36	0.001181552	2	1351.561	3.77	Malpighian tubule	2L:-:34206329-34206303	exon=> In CDS Exon 1 of transcript AGAP006573-PA

JHU_Ag_42394	LVEMLLHR	AGAP006573-PA	M4(Oxidation)	36	0.001331194	1	1026.577	0.9	Male reproductive organs	2L:-:34205690-34205667	exon=> In CDS Exon 2 of transcript AGAP006573-PA
JHU_Ag_42900	FALDIAR	AGAP006573-PA	-	55	3.14E-05	2	805.459	2.58	Male reproductive organs	2L:-:34204802-34204782	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_55803	GSLYDLLHGTAGIVVDTAQAVR	AGAP006573-PA	-	89	7.76E-09	1	2256.206	3.29	Ovary	2L:-:34204868-34204803	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_56616	EIPFADLTPMEAGMR	AGAP006573-PA	M10(Oxidation), M14(Oxidation)	45	0.000347645	2	1709.789	0.91	Male reproductive organs	2L:-:34204441-34204397	exon=> In CDS Exon 5 of transcript AGAP006573-PA
JHU_Ag_57699	MEDIFHWCR	AGAP006573-PA	N-Term(Acetyl), C8(Carbamidomethyl)	49	5.84E-05	1	1335.565	2.75	Malpighian tubule	2L:-:34206329-34206303	exon=> In CDS Exon 1 of transcript AGAP006573-PA
JHU_Ag_59244	MEDIFHWCR	AGAP006573-PA	N-Term(Acetyl), M1(Oxidation), C8(Carbamidomethyl)	55	1.14E-05	1	1351.556	-0.11	Male reproductive organs	2L:-:34206329-34206303	exon=> In CDS Exon 1 of transcript AGAP006573-PA
JHU_Ag_65488	LHNLAVESGQELKK	AGAP006573-PA	-	60	5.57E-06	1	1565.869	2.66	Ovary	2L:-:34205240-34205199	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_75755	DGDTPLDK	AGAP006573-PA	-	42	0.000502944	2	860.399	-0.43	Head	2L:-:34205365-34205342	exon=> In CDS Exon 3 of transcript AGAP006573-PA
JHU_Ag_78711	IFSHPNILPVLGACNAPSNLIVISQYMPR	AGAP006573-PA	C14(Carbamidomethyl)	44	0.000206177	3	3221.710	4.33	Visceras	2L:-:34204955-34204869	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_85445	GMAYLHSLER	AGAP006573-PA	M2(Oxidation)	40	0.001714431	1	1192.576	-1.46	Male reproductive organs	2L:-:34204781-34204752	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_86050	LHNLAVESGQELKK	AGAP006573-PA	-	54	1.99E-05	1	1565.867	1.49	Male reproductive organs	2L:-:34205240-34205199	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_87645	ISFKDQSWSGMK	AGAP006573-PA	M11(Oxidation)	43	0.000665837	1	1429.677	-0.82	Male reproductive organs	2L:-:34205198-34205163	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_98704	VYQPAWMSPEMLQK	AGAP006573-PA	M7(Oxidation), M11(Oxidation)	58	2.09E-05	1	1739.815	1.3	Male reproductive organs	2L:-:34204558-34204517	exon=> In CDS Exon 5 of transcript AGAP006573-PA
JHU_Ag_111358	FSFQER	AGAP006573-PA	-	31	0.007108793	1	813.391	1.97	Ovary	2L:-:34204582-34204565	exon=> In CDS Exon 5 of transcript AGAP006573-PA
JHU_Ag_113353	GINIQELTLHNK	AGAP006573-PA	-	74	2.70E-07	1	1379.765	0.63	Head	2L:-:34205126-34205091	exon=> In CDS Exon 4 of transcript AGAP006573-PA
JHU_Ag_75954	ILAIR	AGAP006573-PA,AGAP001987-PA,AGAP001733-PA	-	36	0.000604291	1	585.408	0.16	Larva	2L:-:34205024-34205010;2R:-:13195262-13195248;2R:+:9091222-9091236	exon=> In CDS Exon 4 of transcript AGAP006573-PA;exon=> In CDS Exon 1 of transcript AGAP001987-PA;exon=> In CDS Exon 3 of transcript AGAP001733-PA
JHU_Ag_26138	LLTYNFLTSK	AGAP006575-PA	-	37	0.002041754	2	1199.666	-0.75	Ovary	2L:-:34220665-34220636	exon=> In CDS Exon 1 of transcript AGAP006575-PA
JHU_Ag_96797	EVNADFNSEFITR	AGAP006575-PA	-	81	9.89E-08	1	1541.724	0.83	Ovary	2L:-:34220484-34220446	exon=> In CDS Exon 2 of transcript AGAP006575-PA
JHU_Ag_2308	AKEVGVGWVCAK	AGAP006576-PA,AGAP006576-PC	C10(Carbamidomethyl)	48	0.000313375	2	1303.681	-1.13	Midgut	2L:-:34222280-34222245;2L:-:34222280-34222245	exon=> In CDS Exon 2 of transcript AGAP006576-PA;exon=> In CDS Exon 1 of transcript AGAP006576-PC
JHU_Ag_2516	EAALGTNPISVGAPGKDGDGFVLDMATTAVAVGK	AGAP006576-PA,AGAP006576-PC	-	91	9.32E-09	1	3229.638	-0.84	Midgut	2L:-:34222060-34221959;2L:-:34222060-34221959	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_3693	LSDLTGILR	AGAP006576-PA,AGAP006576-PC	-	77	2.18E-07	2	987.583	0.11	Midgut	2L:-:34221572-34221546;2L:-:34221572-34221546	exon=> In CDS Exon 4 of transcript AGAP006576-PA;exon=> In CDS Exon 3 of transcript AGAP006576-PC
JHU_Ag_4805	LSDLTGILR	AGAP006576-PA,AGAP006576-PC	-	71	7.79E-07	2	987.582	-1.25	Male reproductive organs	2L:-:34221572-34221546;2L:-:34221572-34221546	exon=> In CDS Exon 4 of transcript AGAP006576-PA;exon=> In CDS Exon 3 of transcript AGAP006576-PC

JHU_Ag_7662	NMPMTDPNHPVLVAGDPELHHMAMVDKEGGLAYHVNQIK	AGAP006576-PA,AGAP006576-PC	M2(Oxidation), M4(Oxidation), M22(Oxidation), M24(Oxidation)	39	0.001307624	1	4370.042	-0.88	Midgut	2L:-:34221545-34221890,34221311-34221365;2L:-:34221545-34221890,34221311-34221365	exon=> In CDS Exon 5 and 4 of transcript AGAP006576-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006576-PC
JHU_Ag_20150	SNHYGIAGWYTLR	AGAP006576-PA,AGAP006576-PC	-	79	2.11E-07	1	1537.757	1.2	Malpighian tubule	2L:-:34222171-34222133;2L:-:34222171-34222133	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_28828	LSDLTGILR	AGAP006576-PA,AGAP006576-PC	-	73	4.47E-07	2	987.586	2.15	Malpighian tubule	2L:-:34221572-34221546;2L:-:34221572-34221546	exon=> In CDS Exon 4 of transcript AGAP006576-PA;exon=> In CDS Exon 3 of transcript AGAP006576-PC
JHU_Ag_37666	EGGLAYHVNQIK	AGAP006576-PA,AGAP006576-PC	Q10(Deamidated),N9(Deamidated)	38	0.001875726	2	1329.665	-10.96	Malpighian tubule	2L:-:34221400-34221365;2L:-:34221400-34221365	exon=> In CDS Exon 5 of transcript AGAP006576-PA;exon=> In CDS Exon 4 of transcript AGAP006576-PC
JHU_Ag_46006	NMPMTDPNHPVLVAGDPELHHMAMVDK	AGAP006576-PA,AGAP006576-PC	M2(Oxidation), M4(Oxidation), M22(Oxidation), M24(Oxidation)	34	0.004628353	1	3060.366	-0.66	Midgut	2L:-:34221545-34221890,34221311-34221401;2L:-:34221545-34221890,34221311-34221401	exon=> In CDS Exon 5 and 4 of transcript AGAP006576-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006576-PC
JHU_Ag_50939	EAALGTNPISVGAPGK	AGAP006576-PA,AGAP006576-PC	-	82	4.03E-08	1	1481.799	1.83	Malpighian tubule	2L:-:34222060-34222013;2L:-:34222060-34222013	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_51050	WTHAGADSEADLGQCFVAINPACFAPGFEGR	AGAP006576-PA,AGAP006576-PC	C15(Carbamidomethyl), C23(Carbamidomethyl)	30	0.009678049	1	3351.502	2.06	Midgut	2L:-:34221665-34221573;2L:-:34221665-34221573	exon=> In CDS Exon 4 of transcript AGAP006576-PA;exon=> In CDS Exon 3 of transcript AGAP006576-PC
JHU_Ag_52123	EVGVGWVCAK	AGAP006576-PA,AGAP006576-PC	C8(Carbamidomethyl)	70	1.72E-06	1	1104.551	-0.15	Midgut	2L:-:34222274-34222245;2L:-:34222274-34222245	exon=> In CDS Exon 2 of transcript AGAP006576-PA;exon=> In CDS Exon 1 of transcript AGAP006576-PC
JHU_Ag_52369	DGDGFVLDMATTAVAVGK	AGAP006576-PA,AGAP006576-PC	M9(Oxidation)	89	2.47E-08	2	1766.864	0.58	Midgut	2L:-:34222012-34221959;2L:-:34222012-34221959	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_53678	AMNAGCIGMSMTNTSPLASPTR	AGAP006576-PA,AGAP006576-PC	M2(Oxidation), C6(Carbamidomethyl), M9(Oxidation), M11(Oxidation)	87	1.30E-08	2	2316.011	1.06	Midgut	2L:-:34222132-34222067;2L:-:34222132-34222067	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_56606	EAALGTNPISVGAPGK	AGAP006576-PA,AGAP006576-PC	-	47	0.000152244	2	1481.800	2.74	Salivary gland	2L:-:34222060-34222013;2L:-:34222060-34222013	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_58971	LGVKPIEVI	AGAP006576-PA,AGAP006576-PC	-	38	0.000103075	2	967.619	0.76	Malpighian tubule	2L:-:34221340-34221314;2L:-:34221340-34221314	exon=> In CDS Exon 5 of transcript AGAP006576-PA;exon=> In CDS Exon 4 of transcript AGAP006576-PC
JHU_Ag_59018	SNHYGIAGWYTLR	AGAP006576-PA,AGAP006576-PC	-	82	9.06E-08	1	1537.753	-1.34	Midgut	2L:-:34222171-34222133;2L:-:34222171-34222133	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC

JHU_Ag_61089	KGLVAVEEAR	AGAP006576-PA,AGAP006576-PC	-	55	3.76E-05	1	1071.614	-1.8	Midgut	2L:-:34222583-34222554;2L:-:34222583-34222554	exon=> In CDS Exon 2 of transcript AGAP006576-PA;exon=> In CDS Exon 1 of transcript AGAP006576-PC
JHU_Ag_62834	LEMYINDLHK	AGAP006576-PA,AGAP006576-PC	M3(Oxidation)	54	6.68E-05	1	1291.632	-2.24	Midgut	2L:-:34222436-34222407;2L:-:34222436-34222407	exon=> In CDS Exon 2 of transcript AGAP006576-PA;exon=> In CDS Exon 1 of transcript AGAP006576-PC
JHU_Ag_66763	LGVKPIEVI	AGAP006576-PA,AGAP006576-PC	-	30	0.001440018	1	967.618	-0.76	Salivary gland	2L:-:34221340-34221314;2L:-:34221340-34221314	exon=> In CDS Exon 5 of transcript AGAP006576-PA;exon=> In CDS Exon 4 of transcript AGAP006576-PC
JHU_Ag_73650	FMVDCLVK	AGAP006576-PA,AGAP006576-PC	C5(Carbamidomethyl)	36	0.003061293	2	1011.499	-0.86	Midgut	2L:-:34222550-34222527;2L:-:34222550-34222527	exon=> In CDS Exon 2 of transcript AGAP006576-PA;exon=> In CDS Exon 1 of transcript AGAP006576-PC
JHU_Ag_78463	EAALGTNPISVGAPGK	AGAP006576-PA,AGAP006576-PC	-	65	2.33E-06	2	1481.797	0.84	Head	2L:-:34222060-34222013;2L:-:34222060-34222013	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_79964	AKEVGVGWVCAK	AGAP006576-PA,AGAP006576-PC	C10(Carbamidomethyl)	92	1.04E-08	1	1303.685	1.77	Malpighian tubule	2L:-:34222280-34222245;2L:-:34222280-34222245	exon=> In CDS Exon 2 of transcript AGAP006576-PA;exon=> In CDS Exon 1 of transcript AGAP006576-PC
JHU_Ag_88671	WTHAGADSEADLGQCFVAINPACFAPGFEGR	AGAP006576-PA,AGAP006576-PC	C15(Carbamidomethyl), C23(Carbamidomethyl)	76	2.30E-07	1	3351.504	2.82	Malpighian tubule	2L:-:34221665-34221573;2L:-:34221665-34221573	exon=> In CDS Exon 4 of transcript AGAP006576-PA;exon=> In CDS Exon 3 of transcript AGAP006576-PC
JHU_Ag_99524	LSDLTGILR	AGAP006576-PA,AGAP006576-PC	-	71	8.38E-07	2	987.584	0.42	Salivary gland	2L:-:34221572-34221546;2L:-:34221572-34221546	exon=> In CDS Exon 4 of transcript AGAP006576-PA;exon=> In CDS Exon 3 of transcript AGAP006576-PC
JHU_Ag_106134	DGDGFVLDMATTAVAVGK	AGAP006576-PA,AGAP006576-PC	M9(Oxidation)	90	1.62E-08	2	1782.863	2.74	Head	2L:-:34222012-34221959;2L:-:34222012-34221959	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_110481	EAALGTNPISVGAPGK	AGAP006576-PA,AGAP006576-PC	-	97	1.39E-09	1	1481.796	0.35	Midgut	2L:-:34222060-34222013;2L:-:34222060-34222013	exon=> In CDS Exon 3 of transcript AGAP006576-PA;exon=> In CDS Exon 2 of transcript AGAP006576-PC
JHU_Ag_112277	EVGVGWVCAK	AGAP006576-PA,AGAP006576-PC	C8(Carbamidomethyl)	53	8.97E-05	2	1104.552	1	Salivary gland	2L:-:34222274-34222245;2L:-:34222274-34222245	exon=> In CDS Exon 2 of transcript AGAP006576-PA;exon=> In CDS Exon 1 of transcript AGAP006576-PC
JHU_Ag_116066	EGGLAYHVNQIK	AGAP006576-PA,AGAP006576-PC	-	32	0.009082719	1	1328.694	-1.14	Midgut	2L:-:34221400-34221365;2L:-:34221400-34221365	exon=> In CDS Exon 5 of transcript AGAP006576-PA;exon=> In CDS Exon 4 of transcript AGAP006576-PC
JHU_Ag_4492	FYVQFLPVPTR	AGAP006577-PA	-	50	4.81E-05	1	1366.758	4.86	Male reproductive organs	2L:-:34226664-34227178,34225627-34225696	exon=> In CDS Exon 5 and 4 of transcript AGAP006577-PA
JHU_Ag_16513	MEEEKNFYAVLGVAR	AGAP006577-PA	N-Term(Acetyl), M1(Oxidation)	70	1.30E-06	1	1813.882	1.79	Male reproductive organs	2L:-:34227782-34227738	exon=> In CDS Exon 1 of transcript AGAP006577-PA
JHU_Ag_41733	LRDETTNLLR	AGAP006577-PA	-	51	8.51E-05	1	1230.685	4.04	Male reproductive organs	2L:-:34225695-34225666	exon=> In CDS Exon 5 of transcript AGAP006577-PA

JHU_Ag_60411	YDAGYPSEELPAPVR	AGAP006577-PA	-	58	2.49E-05	2	1663.800	2.43	Male reproductive organs	2L:-:34227329-34227285	exon=> In CDS Exon 3 of transcript AGAP006577-PA
JHU_Ag_106496	TLIIPEIR	AGAP006577-PA	-	30	0.002573595	1	954.598	-0.1	Male reproductive organs	2L:-:34227471-34227589,34227256-34227336	exon=> In CDS Exon 3 and 2 of transcript AGAP006577-PA
JHU_Ag_115489	EASLEEILAAYQR	AGAP006577-PA	-	68	2.77E-06	1	1492.765	0.37	Male reproductive organs	2L:-:34227737-34227782,34227465-34227580	exon=> In CDS Exon 2 and 1 of transcript AGAP006577-PA
JHU_Ag_4245	SSEGGPCIPTNNCP	AGAP006583-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	34	0.001074974	2	1489.606	0.81	Male reproductive organs	2L:-:34270653-34270612	exon=> In CDS Exon 2 of transcript AGAP006583-PA
JHU_Ag_100051	DTVDCTQGCFCKPSYIR	AGAP006583-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), C11(Carbamidomethyl)	125	1.56E-12	1	2106.904	-0.29	Male reproductive organs	2L:-:34270704-34270654	exon=> In CDS Exon 2 of transcript AGAP006583-PA
JHU_Ag_9729	AGCICKPWHVR	AGAP006587-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	66	3.60E-06	1	1383.678	0.33	Male reproductive organs	2L:-:34277497-34277465	exon=> In CDS Exon 2 of transcript AGAP006587-PA
JHU_Ag_34592	EYLDGGK	AGAP006589-PA,AGAP006589-PB	-	37	0.001575314	1	781.372	-1.03	Male reproductive organs	2L:-:34281780-34281760;2L:-:34281780-34281760	exon=> In CDS Exon 2 of transcript AGAP006589-PA;exon=> In CDS Exon 2 of transcript AGAP006589-PB
JHU_Ag_75179	SEPLLPTVAAPAPSTGAISK	AGAP006590-PC,AGAP006590-PA	-	29	0.006141 03	1	1907.054	2.87	Head	2L:-:34349156-34349097;2L:-:34349156-34349097	exon=> In CDS Exon 2 of transcript AGAP006590-PC;exon=> In CDS Exon 2 of transcript AGAP006590-PA
JHU_Ag_32258	SGSSTFGSGSGPGLVSSQSNAGGGHK	AGAP006590-PD,AGAP006590-PB	-	91	1.04E-08	1	2307.065	2.28	Head	2L:-:34382128-34382051;2L:-:34382128-34382051	exon=> In CDS Exon 14 of transcript AGAP006590-PD;exon=> In CDS Exon 14 of transcript AGAP006590-PB
JHU_Ag_43830	IGQASECFIYWK	AGAP006590-PD,AGAP006590-PB	C7(Carbamidomethyl)	46	0.000346323	1	1501.717	1.91	Head	2L:-:34388291-34388256;2L:-:34388291-34388256	exon=> In CDS Exon 5 of transcript AGAP006590-PD;exon=> In CDS Exon 5 of transcript AGAP006590-PB
JHU_Ag_65204	DQHDMHHNIINNNTAR	AGAP006590-PD,AGAP006590-PB	M5(Oxidation)	43	0.000410573	1	1945.866	-1.34	Head	2L:-:34386322-34386275;2L:-:34386322-34386275	exon=> In CDS Exon 9 of transcript AGAP006590-PD;exon=> In CDS Exon 9 of transcript AGAP006590-PB
JHU_Ag_79222	IATATSSTSLYDNVGANNTQGNTINSQEAGHR	AGAP006590-PD,AGAP006590-PB	-	172	7.66E-17	1	3292.548	1.74	Head	2L:-:34386927-34386992,34386400-34386652;2L:-:34386927-34386992,34386400-34386652	exon=> In CDS Exon 8 and 7 of transcript AGAP006590-PD;exon=> In CDS Exon 8 and 7 of transcript AGAP006590-PB
JHU_Ag_21977	DMISLSDAPSTSR	AGAP006590-PD,AGAP006590-PC	M2(Oxidation)	89	1.52E-08	2	1395.643	0.9	Head	2L:-:34288191-34288153;2L:-:34288191-34288153	exon=> In CDS Exon 32 of transcript AGAP006590-PD;exon=> In CDS Exon 19 of transcript AGAP006590-PC
JHU_Ag_4586	TSSFEIENLLK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	39	0.001534299	2	1280.679	4.44	Head	2L:-:34300240-34300208;2L:-:34300240-34300208;2L:-:34300240-34300208;2L:-:34300240-34300208	exon=> In CDS Exon 22 of transcript AGAP006590-PD;exon=> In CDS Exon 9 of transcript AGAP006590-PC;exon=> In CDS Exon 22 of transcript AGAP006590-PB;exon=> In CDS Exon 9 of transcript AGAP006590-PA

JHU_Ag_10091	NATNEVEIIR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	51	0.000145634	2	1158.610	-1.37	Head	2L:-:34298689-34298660;2L:-:34298689-34298660;2L:-:34298689-34298660	exon=> In CDS Exon 27 of transcript AGAP006590-PD;exon=> In CDS Exon 14 of transcript AGAP006590-PC;exon=> In CDS Exon 27 of transcript AGAP006590-PB;exon=> In CDS Exon 14 of transcript AGAP006590-PA
JHU_Ag_15235	HLNNLLEYYLEPLK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	38	0.001493727	2	1758.953	5.7	Head	2L:-:34299937-34299896;2L:-:34299937-34299896;2L:-:34299937-34299896	exon=> In CDS Exon 23 of transcript AGAP006590-PD;exon=> In CDS Exon 10 of transcript AGAP006590-PC;exon=> In CDS Exon 23 of transcript AGAP006590-PB;exon=> In CDS Exon 10 of transcript AGAP006590-PA
JHU_Ag_22843	YQVLIPVTEVQVR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	39	0.000325036	2	1543.894	6.26	Head	2L:-:34298659-34298621;2L:-:34298659-34298621;2L:-:34298659-34298621	exon=> In CDS Exon 27 of transcript AGAP006590-PD;exon=> In CDS Exon 14 of transcript AGAP006590-PC;exon=> In CDS Exon 27 of transcript AGAP006590-PB;exon=> In CDS Exon 14 of transcript AGAP006590-PA
JHU_Ag_26284	VILELVDTEK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	44	0.000414412	2	1158.662	0.09	Head	2L:-:34300066-34300037;2L:-:34300066-34300037;2L:-:34300066-34300037	exon=> In CDS Exon 22 of transcript AGAP006590-PD;exon=> In CDS Exon 9 of transcript AGAP006590-PC;exon=> In CDS Exon 22 of transcript AGAP006590-PB;exon=> In CDS Exon 9 of transcript AGAP006590-PA
JHU_Ag_29419	SMGGSTNSMTGVGNSSSGNSQTLERPK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	M2(Oxidation), M9(Oxidation)	52	5.68E-05	1	2703.207	4.41	Head	2L:-:34297485-34297405;2L:-:34297485-34297405;2L:-:34297485-34297405	exon=> In CDS Exon 28 of transcript AGAP006590-PD;exon=> In CDS Exon 15 of transcript AGAP006590-PC;exon=> In CDS Exon 28 of transcript AGAP006590-PB;exon=> In CDS Exon 15 of transcript AGAP006590-PA
JHU_Ag_33425	VLHPNEGNQALQEFLAAR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	N5(Deamidated),Q9(Deamidated),N8(Deamidated)	83	6.83E-08	1	2007.046	2.68	Head	2L:-:34299561-34299657,34299151-34299428;2L:-:34299561-34299657,34299151-34299428;2L:-:34299561-34299657,34299148-34299428;2L:-:34299561-34299657,34299151-34299428	exon=> In CDS Exon 25 and 24 of transcript AGAP006590-PD;exon=> In CDS Exon 12 and 11 of transcript AGAP006590-PC;exon=> In CDS Exon 25 and 24 of transcript AGAP006590-PB;exon=> In CDS Exon 12 and 11 of transcript AGAP006590-PA

JHU_Ag_54619	EVYSPEVESSPAPSSNDPHLLSMDR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	M23(Oxidation)	54	5.33E-05	1	2759.260	4.74	Head	2L:-:34300333-34300259;2L:-:34300333-34300259;2L:-:34300333-34300259;2L:-:34300333-34300259	exon=> In CDS Exon 22 of transcript AGAP006590-PD;exon=> In CDS Exon 9 of transcript AGAP006590-PC;exon=> In CDS Exon 22 of transcript AGAP006590-PB;exon=> In CDS Exon 9 of transcript AGAP006590-PA
JHU_Ag_60428	LIQSSHPPATYHPVLMK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	M16(Oxidation)	68	1.72E-06	1	1935.016	0.08	Head	2L:-:34296742-34296692;2L:-:34296742-34296692;2L:-:34296742-34296692;2L:-:34296742-34296692	exon=> In CDS Exon 31 of transcript AGAP006590-PD;exon=> In CDS Exon 18 of transcript AGAP006590-PC;exon=> In CDS Exon 31 of transcript AGAP006590-PB;exon=> In CDS Exon 18 of transcript AGAP006590-PA
JHU_Ag_62553	VALPENTFATVYLR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	80	7.68E-08	2	1593.864	0.15	Head	2L:-:34301391-34301350;2L:-:34301391-34301350;2L:-:34301391-34301350;2L:-:34301391-34301350	exon=> In CDS Exon 18 of transcript AGAP006590-PD;exon=> In CDS Exon 5 of transcript AGAP006590-PC;exon=> In CDS Exon 18 of transcript AGAP006590-PB;exon=> In CDS Exon 5 of transcript AGAP006590-PA
JHU_Ag_71976	TGTLHLLQEEIFR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	51	7.93E-05	2	1556.850	4.24	Head	2L:-:34302779-34302741;2L:-:34302779-34302741;2L:-:34302779-34302741;2L:-:34302779-34302741	exon=> In CDS Exon 17 of transcript AGAP006590-PD;exon=> In CDS Exon 4 of transcript AGAP006590-PC;exon=> In CDS Exon 17 of transcript AGAP006590-PB;exon=> In CDS Exon 4 of transcript AGAP006590-PA
JHU_Ag_80353	NLTDPNAAEHLHLVEALK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	107	2.05E-10	1	1985.042	-1.69	Head	2L:-:34299331-34299278;2L:-:34299331-34299278;2L:-:34299331-34299278;2L:-:34299331-34299278	exon=> In CDS Exon 25 of transcript AGAP006590-PD;exon=> In CDS Exon 12 of transcript AGAP006590-PC;exon=> In CDS Exon 25 of transcript AGAP006590-PB;exon=> In CDS Exon 12 of transcript AGAP006590-PA
JHU_Ag_94200	AIESDHK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	31	0.006304657	1	799.395	1.1	Head	2L:-:34302731-34303131,34301200-34301803;2L:-:34302731-34303131,34301200-34301803;2L:-:34302731-34303131,34301200-34301803;2L:-:34302731-34303131,34301200-34301803	exon=> In CDS Exon 18 and 17 of transcript AGAP006590-PD;exon=> In CDS Exon 5 and 4 of transcript AGAP006590-PC;exon=> In CDS Exon 18 and 17 of transcript AGAP006590-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP006590-PA

JHU_Ag_102254	SPSLLNNLLAGR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	84	2.04E-08	2	1254.717	0.55	Head	2L:-:34301532-34301497;2L:-:34301532-34301497;2L:-:34301532-34301497;2L:-:34301532-34301497	exon=> In CDS Exon 18 of transcript AGAP006590-PD;exon=> In CDS Exon 5 of transcript AGAP006590-PC;exon=> In CDS Exon 18 of transcript AGAP006590-PB;exon=> In CDS Exon 5 of transcript AGAP006590-PA
JHU_Ag_105134	ATGTAAASFNCTGAVR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	C11(Carbamidomethyl)	68	2.42E-06	2	1554.733	0.21	Head	2L:-:34303269-34303222;2L:-:34303269-34303222;2L:-:34303269-34303222;2L:-:34303269-34303222	exon=> In CDS Exon 16 of transcript AGAP006590-PD;exon=> In CDS Exon 3 of transcript AGAP006590-PC;exon=> In CDS Exon 16 of transcript AGAP006590-PB;exon=> In CDS Exon 3 of transcript AGAP006590-PA
JHU_Ag_110603	SLLTHVSRPTK	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	48	4.93E-05	1	1238.724	1.88	Head	2L:-:34301628-34301596;2L:-:34301628-34301596;2L:-:34301628-34301596;2L:-:34301628-34301596	exon=> In CDS Exon 18 of transcript AGAP006590-PD;exon=> In CDS Exon 5 of transcript AGAP006590-PC;exon=> In CDS Exon 18 of transcript AGAP006590-PB;exon=> In CDS Exon 5 of transcript AGAP006590-PA
JHU_Ag_113572	YPLLLQQLR	AGAP006590-PD,AGAP006590-PC,AGAP006590-PB,AGAP006590-PA	-	52	1.45E-05	1	1143.694	4.4	Head	2L:-:34299358-34299332;2L:-:34299358-34299332;2L:-:34299358-34299332;2L:-:34299358-34299332	exon=> In CDS Exon 25 of transcript AGAP006590-PD;exon=> In CDS Exon 12 of transcript AGAP006590-PC;exon=> In CDS Exon 25 of transcript AGAP006590-PB;exon=> In CDS Exon 12 of transcript AGAP006590-PA
JHU_Ag_29683	AGVAVLLAVR	AGAP006594-PA	-	54	5.01E-06	2	968.626	0.42	Midgut	2L:-:34529760-34529731	exon=> In CDS Exon 4 of transcript AGAP006594-PA
JHU_Ag_113741	EKEFILESLGR	AGAP006594-PA,AGAP006594-PB	-	44	0.000503015	2	1320.716	-0.09	Midgut	2L:-:34529451-34529419;2L:-:34529451-34529419	exon=> In CDS Exon 4 of transcript AGAP006594-PA;exon=> In CDS Exon 1 of transcript AGAP006594-PB
JHU_Ag_11661	ISNQLAQR	AGAP006599-PA	-	43	0.000767693	2	929.518	2.1	Malpighian tubule	2L:-:34637529-34637506	exon=> In CDS Exon 3 of transcript AGAP006599-PA
JHU_Ag_18536	VPEGSVPQDPSAPAGGIDR	AGAP006599-PA	-	61	1.34E-05	2	1848.913	2.44	Head	2L:-:34639037-34638981	exon=> In CDS Exon 1 of transcript AGAP006599-PA
JHU_Ag_41686	LPIEPR	AGAP006599-PA	-	33	0.001159906	2	724.438	4.11	Ovary	2L:-:34635648-34635631	exon=> In CDS Exon 4 of transcript AGAP006599-PA
JHU_Ag_45461	LLQVIK	AGAP006599-PA	Q3(Deamidated)	28	0.002719249	1	714.475	-1.49	Ovary	2L:-:34634755-34634738	exon=> In CDS Exon 5 of transcript AGAP006599-PA
JHU_Ag_56726	KPIMEAINEHPVVLIR	AGAP006599-PA	M4(Oxidation)	35	0.001343879	1	1875.053	0.58	Head	2L:-:34637160-34637113	exon=> In CDS Exon 3 of transcript AGAP006599-PA
JHU_Ag_68774	ISENPESTTSLDGK	AGAP006599-PA	-	56	4.07E-05	2	1477.702	-0.01	Ovary	2L:-:34634806-34634765	exon=> In CDS Exon 5 of transcript AGAP006599-PA
JHU_Ag_103699	SATASEQLAAYPVK	AGAP006599-PA	-	76	4.41E-07	2	1435.744	0.55	Ovary	2L:-:34637638-34637804,34636032-34637530	exon=> In CDS Exon 3 and 2 of transcript AGAP006599-PA
JHU_Ag_43984	TAVTDNAAVAEEDNDDEEELLHEEADK	AGAP006601-PA,AGAP006601-PB	-	77	1.18E-07	1	2972.280	1.19	Head	2L:+:34660763-34660843;2L:+:34660763-34660843	exon=> In CDS Exon 1 of transcript AGAP006601-PA;exon=> In CDS Exon 1 of transcript AGAP006601-PB

JHU_Ag_58506	DDLTGVGGGGGSSGGANGSDPK	AGAP006601-PA,AGAP006601-PB	N17(Deamidated)	77	1.43E-07	2	1862.804	2.16	Head	2L:+:34663058-34663123;2L:+:34663058-34663123	exon=> In CDS Exon 1 of transcript AGAP006601-PA;exon=> In CDS Exon 1 of transcript AGAP006601-PB
JHU_Ag_98648	LDQILLNGNNITMLVPGSSGDLPEAS	AGAP006604-PA	M13(Oxidation)	39	0.001647802	1	2684.344	-0.31	Ovary	2L:-:34673035-34673193,34672871-34672874	exon=> In CDS Exon 3 and 2 of transcript AGAP006604-PA
JHU_Ag_102670	AQTTVANQSTLLPLELVDK	AGAP006604-PA	N-Term(Acetyl)	77	1.66E-07	1	2083.131	1.29	Ovary	2L:-:34673336-34673339,34672997-34673180	exon=> In CDS Exon 2 and 1 of transcript AGAP006604-PA
JHU_Ag_59203	TERPVNSACISPLFEHVALGGGQDAMEVTTTSTQAGK	AGAP006607-PA	C9(Carbamidomethyl), M26(Oxidation)	35	0.003268604	1	3875.855	0.22	Ovary	2L:-:34692405-34692295	exon=> In CDS Exon 3 of transcript AGAP006607-PA
JHU_Ag_476	LQVFDSSYYEHTFE	AGAP006607-PA,AGAP006607-PB	-	72	5.58E-07	2	1764.780	2.77	Head	2L:-:34692156-34692115;2L:-:34692156-34692115	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_722	DSKPSVWYSLNGER	AGAP006607-PA,AGAP006607-PB	N11(Deamidated)	79	2.31E-07	1	1637.793	0.62	Male reproductive organs	2L:-:34693081-34693040;2L:-:34693081-34693040	exon=> In CDS Exon 2 of transcript AGAP006607-PA;exon=> In CDS Exon 2 of transcript AGAP006607-PB
JHU_Ag_2226	FFHLVYEEEFAR	AGAP006607-PA,AGAP006607-PB	-	64	6.40E-06	1	1586.770	3.91	Ovary	2L:-:34692282-34692247;2L:-:34692282-34692247	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_2353	LQVFDSSYYEHTFE	AGAP006607-PA,AGAP006607-PB	-	99	9.87E-10	1	1764.776	0.35	Midgut	2L:-:34692156-34692115;2L:-:34692156-34692115	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_5000	LQVFDSSYYEHTFE	AGAP006607-PA,AGAP006607-PB	-	101	6.34E-10	1	1764.776	0.35	Ovary	2L:-:34692156-34692115;2L:-:34692156-34692115	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_5077	TCNFSFSGNQASYSTDR	AGAP006607-PA,AGAP006607-PB	C2(Carbamidomethyl)	135	8.17E-14	1	1941.802	-0.86	Male reproductive organs	2L:-:34692804-34692754;2L:-:34692804-34692754	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_5493	ELNSVNDHTASITDMQMSSDGTMFVSSSK	AGAP006607-PA,AGAP006607-PB	M15(Oxidation), M17(Oxidation), M23(Oxidation)	189	5.76E-19	1	3167.348	1.07	Ovary	2L:-:34692549-34692463;2L:-:34692549-34692463	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_7461	LFDSDSLMCLK	AGAP006607-PA,AGAP006607-PB	M8(Oxidation), C9(Carbamidomethyl)	53	4.54E-05	2	1344.617	-0.17	Male reproductive organs	2L:-:34692447-34692415;2L:-:34692447-34692415	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_10296	LQVFDSSYYEHTFE	AGAP006607-PA,AGAP006607-PB	-	78	1.40E-07	1	1764.777	1.11	Male reproductive organs	2L:-:34692156-34692115;2L:-:34692156-34692115	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_12588	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	114	4.99E-11	2	1429.754	0.58	Midgut	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_13479	GHFGPINSMAFHPDGK	AGAP006607-PA,AGAP006607-PB	M9(Oxidation)	64	5.53E-06	1	1727.796	0.25	Male reproductive organs	2L:-:34692240-34692193;2L:-:34692240-34692193	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB

JHU_Ag_13950	LFDSDSLMCLK	AGAP006607-PA,AGAP006607-PB	C9(Carbamidomethyl),"M8(Oxidation), C9(Carbamidomethyl)"	75	2.68E-07	1	1344.617	-0.45	Midgut	2L:-:34692447-34692415;2L:-:34692447-34692415	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_20442	LQVFDSSYYEHTFE	AGAP006607-PA,AGAP006607-PB	-	90	1.04E-08	1	1764.782	4.01	Malpighian tubule	2L:-:34692156-34692115;2L:-:34692156-34692115	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_20859	DSKPSVWYSLNGER	AGAP006607-PA,AGAP006607-PB	N11(Deamidated)	93	7.18E-09	1	1638.774	-1.02	Midgut	2L:-:34693081-34693040;2L:-:34693081-34693040	exon=> In CDS Exon 2 of transcript AGAP006607-PA;exon=> In CDS Exon 2 of transcript AGAP006607-PB
JHU_Ag_21364	LTMNEQQSK	AGAP006607-PA,AGAP006607-PB	M3(Oxidation)	47	0.000245 36	2	1094.515	0.56	Salivary gland	2L:-:34692669-34692643;2L:-:34692669-34692643	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_21375	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	92	7.96E-09	1	1429.754	0.32	Male reproductive organs	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_25120	AMNHPCELFVIDVR	AGAP006607-PA,AGAP006607-PB	M2(Oxidation), C6(Carbamidomethyl)	41	0.001055 244	1	1716.820	0.02	Midgut	2L:-:34692753-34692712;2L:-:34692753-34692712	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_27188	ELNSVNDHTASITDMQMSSDGTMFVSSSK	AGAP006607-PA,AGAP006607-PB	M15(Oxidation), M17(Oxidation), M23(Oxidation)	31	0.003420 173	1	3167.336	-2.98	Male reproductive organs	2L:-:34692549-34692463;2L:-:34692549-34692463	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_30086	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	108	2.11E-10	2	1429.757	2.71	Visceras	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_31771	TCNFSFSGNQASYSTDR	AGAP006607-PA,AGAP006607-PB	C2(Carbamidomethyl)	114	1.25E-11	1	1941.808	2.53	Salivary gland	2L:-:34692804-34692754;2L:-:34692804-34692754	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_33102	TCNFSFSGNQASYSTDR	AGAP006607-PA,AGAP006607-PB	C2(Carbamidomethyl)	50	2.61E-05	2	1941.798	-2.62	Pupa	2L:-:34692804-34692754;2L:-:34692804-34692754	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_35684	TCNFSFSGNQASYSTDR	AGAP006607-PA,AGAP006607-PB	C2(Carbamidomethyl)	141	2.41E-14	1	1941.806	1.4	Malpighian tubule	2L:-:34692804-34692754;2L:-:34692804-34692754	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_38759	FFHLVYEEEFAR	AGAP006607-PA,AGAP006607-PB	-	66	3.29E-06	1	1586.767	1.67	Malpighian tubule	2L:-:34692282-34692247;2L:-:34692282-34692247	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_40564	TCNFSFSGNQASYSTDR	AGAP006607-PA,AGAP006607-PB	C2(Carbamidomethyl)	135	9.70E-14	1	1941.806	1.21	Midgut	2L:-:34692804-34692754;2L:-:34692804-34692754	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_41925	SFATGGEDGFVR	AGAP006607-PA,AGAP006607-PB	-	93	5.22E-09	1	1242.575	-0.21	Pupa	2L:-:34692192-34692157;2L:-:34692192-34692157	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB

JHU_Ag_43223	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	98	1.94E-09	2	1429.756	2.12	Malpighian tubule	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_43299	DSKPSVWYSLNGER	AGAP006607-PA,AGAP006607-PB	-	69	2.09E-06	1	1637.796	2.79	Malpighian tubule	2L:-:34693081-34693040;2L:-:34693081-34693040	exon=> In CDS Exon 2 of transcript AGAP006607-PA;exon=> In CDS Exon 2 of transcript AGAP006607-PB
JHU_Ag_45108	AMNHPCELFVIDVR	AGAP006607-PA,AGAP006607-PB	C6(Carbamidomethyl)	37	0.00288614	1	1700.830	2.98	Malpighian tubule	2L:-:34692753-34692712;2L:-:34692753-34692712	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_47339	LQVFDSSYYEHTFE	AGAP006607-PA,AGAP006607-PB	-	51	7.37E-05	2	1764.780	2.84	Visceras	2L:-:34692156-34692115;2L:-:34692156-34692115	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_52651	FDSRFFHLVYEEEFAR	AGAP006607-PA,AGAP006607-PB	-	67	3.03E-06	1	2092.000	3.6	Malpighian tubule	2L:-:34692294-34692247;2L:-:34692294-34692247	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_53062	EGDLIFSSAK	AGAP006607-PA,AGAP006607-PB	-	51	9.81E-05	2	1066.544	2.5	Male reproductive organs	2L:-:34693111-34693082;2L:-:34693111-34693082	exon=> In CDS Exon 2 of transcript AGAP006607-PA;exon=> In CDS Exon 2 of transcript AGAP006607-PB
JHU_Ag_54582	SFATGGEDGFVR	AGAP006607-PA,AGAP006607-PB	-	85	3.32E-08	1	1242.574	-0.7	Midgut	2L:-:34692192-34692157;2L:-:34692192-34692157	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_55399	GHFGPINSMAFHPDGK	AGAP006607-PA,AGAP006607-PB	M9(Oxidation)	51	9.72E-05	2	1727.793	-1.48	Midgut	2L:-:34692240-34692193;2L:-:34692240-34692193	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_56182	FFHLVYEEEFAR	AGAP006607-PA,AGAP006607-PB	-	85	4.41E-08	1	1586.766	1.22	Midgut	2L:-:34692282-34692247;2L:-:34692282-34692247	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_56270	ITSMLWGALDETVITGHENGSLR	AGAP006607-PA,AGAP006607-PB	M4(Oxidation)	63	7.68E-06	1	2516.244	-0.46	Midgut	2L:-:34692642-34692574;2L:-:34692642-34692574	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_60347	AMNHPCELFVIDVR	AGAP006607-PA,AGAP006607-PB	M2(Oxidation), C6(Carbamidomethyl)	49	0.000178693	1	1716.823	1.72	Head	2L:-:34692753-34692712;2L:-:34692753-34692712	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_63166	GHFGPINSMAFHPDGK	AGAP006607-PA,AGAP006607-PB	M9(Oxidation)	63	5.73E-06	1	1727.794	-1.03	Ovary	2L:-:34692240-34692193;2L:-:34692240-34692193	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_63710	SFATGGEDGFVR	AGAP006607-PA,AGAP006607-PB	-	81	8.29E-08	1	1242.576	0.87	Male reproductive organs	2L:-:34692192-34692157;2L:-:34692192-34692157	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_65710	LFDSDSLMCLK	AGAP006607-PA,AGAP006607-PB	M8(Oxidation), C9(Carbamidomethyl)	67	1.72E-06	1	1344.617	-0.08	Ovary	2L:-:34692447-34692415;2L:-:34692447-34692415	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB

JHU_Ag_72874	EGDLIFSSAK	AGAP006607-PA,AGAP006607-PB	-	50	0.000150218	1	1066.542	0.85	Midgut	2L:-:34693111-34693082;2L:-:34693111-34693082	exon=> In CDS Exon 2 of transcript AGAP006607-PA;exon=> In CDS Exon 2 of transcript AGAP006607-PB
JHU_Ag_76059	TCNFSFSGNQASYSTDR	AGAP006607-PA,AGAP006607-PB	C2(Carbamidomethyl)	113	1.62E-11	1	1941.805	0.71	Visceras	2L:-:34692804-34692754;2L:-:34692804-34692754	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_79975	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	110	1.26E-10	2	1429.759	4.08	Salivary gland	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_81059	SFATGGEDGFVR	AGAP006607-PA,AGAP006607-PB	-	73	5.61E-07	1	1242.573	-1.68	Ovary	2L:-:34692192-34692157;2L:-:34692192-34692157	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_82715	MKPLMLQGHQR	AGAP006607-PA,AGAP006607-PB	M1(Oxidation), M5(Oxidation)	43	0.000646 52	1	1370.702	-0.64	Ovary	2L:-:34693380-34693380,34692942-34693139;2L:-:34693380-34693380,34692942-34693139	exon=> In CDS Exon 2 and 1 of transcript AGAP006607-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP006607-PB
JHU_Ag_82808	GHFGPINSMAFHPDGK	AGAP006607-PA,AGAP006607-PB	M9(Oxidation)	50	0.000141726	2	1727.802	3.4	Head	2L:-:34692240-34692193;2L:-:34692240-34692193	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_83245	SFATGGEDGFVR	AGAP006607-PA,AGAP006607-PB	-	85	3.79E-08	1	1242.578	2.54	Salivary gland	2L:-:34692192-34692157;2L:-:34692192-34692157	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_91396	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	110	1.23E-10	1	1429.754	0.49	Pupa	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_91447	IPCNSSVR	AGAP006607-PA,AGAP006607-PB	C3(Carbamidomethyl)	42	0.001116321	1	932.463	1.02	Male reproductive organs	2L:-:34692828-34692805;2L:-:34692828-34692805	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_98560	ELNSVNDHTASITDMQMSSDGTMFVSSSK	AGAP006607-PA,AGAP006607-PB	M15(Oxidation), M17(Oxidation),"M15(Oxidation), M17(Oxidation), M23(Oxidation)"	48	7.80E-05	3	3167.342	-1.13	Midgut	2L:-:34692549-34692463;2L:-:34692549-34692463	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_103053	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	107	2.22E-10	2	1429.754	0.32	Ovary	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_103342	NIDASISSADPVLK	AGAP006607-PA,AGAP006607-PB	-	96	2.87E-09	2	1429.754	0.75	Head	2L:-:34692711-34692670;2L:-:34692711-34692670	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_105356	FFHLVYEEEFAR	AGAP006607-PA,AGAP006607-PB	-	45	0.000420599	1	1586.766	1.44	Salivary gland	2L:-:34692282-34692247;2L:-:34692282-34692247	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB

JHU_Ag_108026	LQVFDSSYYEHTFE	AGAP006607-PA,AGAP006607-PB	-	76	2.12E-07	2	1764.779	2.22	Salivary gland	2L:-:34692156-34692115;2L:-:34692156-34692115	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 4 of transcript AGAP006607-PB
JHU_Ag_111204	TCNFSFSGNQASYSTDR	AGAP006607-PA,AGAP006607-PB	C2(Carbamidomethyl),"C2(Carbamidomethyl), N3(Deamidated)","C2(Carbamidomethyl), Q10(Deamidated)","C2(Carbamidomethyl), N9(Deamidated)"	135	1.22E-13	1	1941.810	3.35	Ovary	2L:-:34692804-34692754;2L:-:34692804-34692754	exon=> In CDS Exon 3 of transcript AGAP006607-PA;exon=> In CDS Exon 3 of transcript AGAP006607-PB
JHU_Ag_113185	EGDLIFSSAK	AGAP006607-PA,AGAP006607-PB	-	43	0.000680674	2	1066.541	-0.36	Ovary	2L:-:34693111-34693082;2L:-:34693111-34693082	exon=> In CDS Exon 2 of transcript AGAP006607-PA;exon=> In CDS Exon 2 of transcript AGAP006607-PB
JHU_Ag_116579	DSKPSVWYSLNGER	AGAP006607-PA,AGAP006607-PB	N11(Deamidated)	86	4.62E-08	1	1637.796	2.41	Salivary gland	2L:-:34693081-34693040;2L:-:34693081-34693040	exon=> In CDS Exon 2 of transcript AGAP006607-PA;exon=> In CDS Exon 2 of transcript AGAP006607-PB
JHU_Ag_111055	LEQLLK	AGAP006611-PA	Q3(Deamidated)	31	0.008249243	1	744.452	2.68	Head	2L:+:34733165-34733182	exon=> In CDS Exon 2 of transcript AGAP006611-PA
JHU_Ag_2786	KGNVSHEESLK	AGAP006612-PA	N3(Deamidated)	60	1.15E-05	1	1227.638	4.55	Ovary	2L:-:34734055-34734023	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_12818	YAGQPAPVKL	AGAP006612-PA	-	39	0.001796192	1	1043.586	-1.9	Visceras	2L:-:34733998-34733969	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_35921	YAGQPAPVKL	AGAP006612-PA	-	53	8.05E-05	1	1043.586	-2.13	Ovary	2L:-:34733998-34733969	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_45536	YAGQPAPVK	AGAP006612-PA	-	47	0.000343434	1	930.505	1.18	Malpighian tubule	2L:-:34733998-34733972	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_53979	GNVSHEESLKR	AGAP006612-PA	-	34	0.004484545	1	1255.637	-1.48	Larva	2L:-:34734052-34734020	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_54658	YAGQPAPVKL	AGAP006612-PA	-	43	0.000725506	1	1043.588	-0.02	Salivary gland	2L:-:34733998-34733969	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_55438	GNVSHEESLK	AGAP006612-PA	-	67	1.76E-06	1	1099.539	0.57	Ovary	2L:-:34734052-34734023	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_67701	NHTNHNQNQK	AGAP006612-PA	N4(Deamidated)	43	0.000565335	2	1234.567	0.19	Ovary	2L:-:34734383-34734398,34734184-34734241	exon=> In CDS Exon 2 and 1 of transcript AGAP006612-PA
JHU_Ag_75039	YAGQPAPVK	AGAP006612-PA	-	42	0.001104353	1	930.506	1.97	Ovary	2L:-:34733998-34733972	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_81175	GNVSHEESLKR	AGAP006612-PA	-	82	6.91E-08	1	1255.641	1.63	Ovary	2L:-:34734052-34734020	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_83906	YAGQPAPVKL	AGAP006612-PA	-	33	0.005961888	1	1043.593	3.91	Head	2L:-:34733998-34733969	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_105284	KGNVSHEESLK	AGAP006612-PA	-	57	2.48E-05	2	1227.633	0.21	Malpighian tubule	2L:-:34734055-34734023	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_110537	GNVSHEESLK	AGAP006612-PA	-	38	0.001519749	2	1099.533	-4.42	Head	2L:-:34734052-34734023	exon=> In CDS Exon 3 of transcript AGAP006612-PA
JHU_Ag_32936	EEEEFANMTPEQQLAEK	AGAP006613-PB	M8(Oxidation)	119	1.03E-11	1	2038.896	2.25	Ovary	2L:+:34735910-34735960	exon=> In CDS Exon 4 of transcript AGAP006613-PB
JHU_Ag_49840	AEQLFAK	AGAP006613-PB	-	54	3.40E-05	2	806.439	-1.74	Ovary	2L:+:34735353-34735373	exon=> In CDS Exon 2 of transcript AGAP006613-PB
JHU_Ag_58626	LQREEEEFANMTPEQQLAEK	AGAP006613-PB	M11(Oxidation)	72	7.99E-07	1	2436.138	1.45	Malpighian tubule	2L:+:34735901-34735960	exon=> In CDS Exon 4 of transcript AGAP006613-PB

JHU_Ag_70357	MEDDWEALAEQK	AGAP006613-PB	N-Term(Acetyl), M1(Oxidation)	58	6.54E-06	2	1522.638	0.84	Ovary	2L:+:34735064-34735079,34735333-34735352	exon=> In CDS Exon 1 and 2 of transcript AGAP006613-PB
JHU_Ag_93589	LQREEEEFANMTPEQQLAEK	AGAP006613-PB	M11(Oxidation)	120	1.34E-11	1	2436.133	-0.88	Ovary	2L:+:34735901-34735960	exon=> In CDS Exon 4 of transcript AGAP006613-PB
JHU_Ag_4138	ASTEYQGFLEELLLK	AGAP006613-PB,AGAP006613-PA	-	67	2.48E-06	2	1740.908	1.43	Midgut	2L:+:34736129-34736173;2L:+:34736129-34736173	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_22137	LRVEGENTTLNEYETK	AGAP006613-PB,AGAP006613-PA	-	56	3.67E-05	1	1895.936	0.5	Head	2L:+:34736374-34736394,34736481-34736507;2L:+:34736374-34736394,34736481-34736507	exon=> In CDS Exon 5 and 6 of transcript AGAP006613-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP006613-PA
JHU_Ag_22404	ASTEYQGFLEELLLK	AGAP006613-PB,AGAP006613-PA	-	119	1.66E-11	1	1740.906	0.1	Male reproductive organs	2L:+:34736129-34736173;2L:+:34736129-34736173	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_43002	ASTEYQGFLEELLLK	AGAP006613-PB,AGAP006613-PA	-	81	9.73E-08	2	1740.917	6.34	Malpighian tubule	2L:+:34736129-34736173;2L:+:34736129-34736173	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_68655	LFASLSSNNIR	AGAP006613-PB,AGAP006613-PA	-	73	5.58E-07	2	1221.659	0.66	Ovary	2L:+:34736174-34736186,34736255-34736274;2L:+:34736174-34736186,34736255-34736274	exon=> In CDS Exon 4 and 5 of transcript AGAP006613-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP006613-PA
JHU_Ag_73883	EEFTELAEAISK	AGAP006613-PB,AGAP006613-PA	-	64	6.34E-06	2	1366.674	0.02	Midgut	2L:+:34736075-34736110;2L:+:34736075-34736110	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_76054	TAMETLGITPMSTGNGIDGMHPTTK	AGAP006613-PB,AGAP006613-PA	M3(Oxidation), M11(Oxidation), M20(Oxidation),"M3(Oxidation), M11(Oxidation), N15(Deamidated), M20(Oxidation)"	98	1.68E-09	1	2610.174	0.16	Ovary	2L:+:34736000-34736074;2L:+:34736000-34736074	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_78214	EEFTELAEAISK	AGAP006613-PB,AGAP006613-PA	-	85	4.76E-08	1	1366.674	0.11	Ovary	2L:+:34736075-34736110;2L:+:34736075-34736110	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_78631	EEFTELAEAISK	AGAP006613-PB,AGAP006613-PA	-	77	3.15E-07	2	1366.676	1.99	Head	2L:+:34736075-34736110;2L:+:34736075-34736110	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_79450	VEGENTTLNEYETK	AGAP006613-PB,AGAP006613-PA	-	112	8.23E-11	1	1626.747	-1.55	Ovary	2L:+:34736380-34736394,34736481-34736507;2L:+:34736380-34736394,34736481-34736507	exon=> In CDS Exon 5 and 6 of transcript AGAP006613-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP006613-PA
JHU_Ag_82238	TTLDNLYLEK	AGAP006613-PB,AGAP006613-PA	-	46	0.000255803	2	1209.638	1.49	Malpighian tubule	2L:+:34736284-34736313;2L:+:34736284-34736313	exon=> In CDS Exon 5 of transcript AGAP006613-PB;exon=> In CDS Exon 2 of transcript AGAP006613-PA

JHU_Ag_85695	AKTTLDNLYLEK	AGAP006613-PB,AGAP006613-PA	-	40	0.000806006	1	1408.769	0.58	Malpighian tubule	2L:+:34736278-34736313;2L:+:34736278-34736313	exon=> In CDS Exon 5 of transcript AGAP006613-PB;exon=> In CDS Exon 2 of transcript AGAP006613-PA
JHU_Ag_90764	EEFTELAEAISK	AGAP006613-PB,AGAP006613-PA	-	74	6.46E-07	2	1366.674	0.38	Male reproductive organs	2L:+:34736075-34736110;2L:+:34736075-34736110	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_96425	ASTEYQGFLEELLLK	AGAP006613-PB,AGAP006613-PA	-	116	2.98E-11	1	1740.908	1.57	Ovary	2L:+:34736129-34736173;2L:+:34736129-34736173	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_98115	LQEENDLK	AGAP006613-PB,AGAP006613-PA	-	42	0.001061037	1	988.495	0.87	Ovary	2L:+:34735976-34735999;2L:+:34735976-34735999	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_98737	ASTEYQGFLEELLLK	AGAP006613-PB,AGAP006613-PA	-	72	8.07E-07	1	1740.916	6.2	Salivary gland	2L:+:34736129-34736173;2L:+:34736129-34736173	exon=> In CDS Exon 4 of transcript AGAP006613-PB;exon=> In CDS Exon 1 of transcript AGAP006613-PA
JHU_Ag_108406	LRVEGENTTLNEYETK	AGAP006613-PB,AGAP006613-PA	-	102	1.02E-09	1	1895.936	0.5	Ovary	2L:+:34736374-34736394,34736481-34736507;2L:+:34736374-34736394,34736481-34736507	exon=> In CDS Exon 5 and 6 of transcript AGAP006613-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP006613-PA
JHU_Ag_108900	TTLDNLYLEK	AGAP006613-PB,AGAP006613-PA	-	44	0.000442491	2	1209.639	2.1	Salivary gland	2L:+:34736284-34736313;2L:+:34736284-34736313	exon=> In CDS Exon 5 of transcript AGAP006613-PB;exon=> In CDS Exon 2 of transcript AGAP006613-PA
JHU_Ag_1736	LGVNTIPGIEEVNMIK	AGAP006614-PA	-	35	0.002767845	2	1726.938	-1.44	Midgut	2L:-:34739418-34739371	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_3810	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	127	3.49E-12	1	1963.974	1.03	Malpighian tubule	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_3813	NDGSVIHFNNPK	AGAP006614-PA	-	70	1.21E-06	1	1341.654	-0.68	Male reproductive organs	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_3912	MITEMLPNIISQLGPEGLNQLKK	AGAP006614-PA	M1(Oxidation), M5(Oxidation)	113	3.20E-11	1	2599.385	0.71	Ovary	2L:-:34739277-34739209	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_4218	LATAAAAEEDDDVPELTENFEEVSKK	AGAP006614-PA	-	103	7.53E-10	1	2821.323	-1.08	Head	2L:-:34739208-34739131	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_6110	MITEMLPNIISQLGPEGLNQLK	AGAP006614-PA	M1(Oxidation), M5(Oxidation)	133	4.84E-13	1	2471.293	1.81	Ovary	2L:-:34739277-34739212	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_7680	IVHTSSAVDDKK	AGAP006614-PA	-	65	4.09E-06	1	1299.691	0.65	Malpighian tubule	2L:-:34739475-34739440	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_11333	LATAAAAEEDDDVPELTENFEEVSKK	AGAP006614-PA	-	132	1.06E-12	1	2821.334	2.81	Malpighian tubule	2L:-:34739208-34739131	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_11557	LQLSLK	AGAP006614-PA	Q2(Deamidated)	38	0.001152958	1	702.441	1.72	Pupa	2L:-:34739439-34739422	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_12977	IVHTSSAVDDK	AGAP006614-PA	-	79	1.63E-07	1	1171.597	1.35	Ovary	2L:-:34739475-34739443	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_15871	LATAAAAEEDDDVPELTENFEEVSKK	AGAP006614-PA	-	111	1.14E-10	1	2821.326	-0.04	Male reproductive organs	2L:-:34739208-34739131	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_17237	NDGSVIHFNNPK	AGAP006614-PA	-	81	9.47E-08	1	1341.654	-0.77	Ovary	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_18568	LATAAAAEEDDDVPELTENFEEVSK	AGAP006614-PA	-	40	0.001165279	3	2693.232	0.12	Salivary gland	2L:-:34739208-34739134	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_19213	LATAAAAEEDDDVPELTENFEEVSKK	AGAP006614-PA	-	101	1.17E-09	1	2821.330	1.26	Visceras	2L:-:34739208-34739131	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_21398	LGVNTIPGIEEVNMIKNDGSVIHFNNPK	AGAP006614-PA	M14(Oxidation)	84	3.22E-08	1	3049.587	3.1	Malpighian tubule	2L:-:34739418-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA

JHU_Ag_21928	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	120	1.61E-11	1	1963.981	4.38	Midgut	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_22879	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	135	5.84E-13	1	1963.977	2.52	Male reproductive organs	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_23392	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	40	0.001666774	1	1963.973	0.55	Pupa	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_28509	MITEMLPNIISQLGPEGLNQLKK	AGAP006614-PA	M1(Oxidation)	98	9.09E-10	1	2583.387	-0.67	Salivary gland	2L:-:34739277-34739209	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_28943	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	133	9.72E-13	2	1963.973	0.28	Head	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_32096	KLATAAAAEEDDDVPELTENFEEVSK	AGAP006614-PA	-	132	9.58E-13	1	2821.329	0.8	Ovary	2L:-:34739211-34739134	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_34874	LGVNTIPGIEEVNMIK	AGAP006614-PA	M14(Oxidation)	99	1.31E-09	1	1742.937	0.93	Ovary	2L:-:34739418-34739371	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_35068	NDGSVIHFNNPK	AGAP006614-PA	-	67	2.33E-06	2	1341.656	0.78	Midgut	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_37820	LGVNTIPGIEEVNMIK	AGAP006614-PA	M14(Oxidation)	76	2.41E-07	1	1742.940	2.2	Salivary gland	2L:-:34739418-34739371	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_40482	NDGSVIHFNNPK	AGAP006614-PA	-	88	1.76E-08	1	1341.653	-1.5	Head	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_41834	APEVPASS	AGAP006614-PA	-	43	0.000289329	1	757.373	0.7	Malpighian tubule	2L:-:34739091-34739068	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_43711	NDGSVIHFNNPK	AGAP006614-PA	-	72	7.93E-07	1	1341.656	1.33	Salivary gland	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_49048	LATAAAAEEDDDVPELTENFEEVSK	AGAP006614-PA	-	162	7.40E-16	1	2693.233	0.66	Ovary	2L:-:34739208-34739134	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_50324	IVHTSSAVDDKK	AGAP006614-PA	-	102	8.67E-10	1	1299.690	0.09	Ovary	2L:-:34739475-34739440	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_50536	LQLSLK	AGAP006614-PA	-	39	0.000891945	1	701.457	1.28	Ovary	2L:-:34739439-34739422	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_51555	MITEMLPNIISQLGPEGLNQLKK	AGAP006614-PA	M5(Oxidation),"M1(Oxidation),M5(Oxidation)",M1(Oxidation)	76	1.60E-07	1	2599.398	5.43	Malpighian tubule	2L:-:34739277-34739209	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_53030	LGVNTIPGIEEVNMIKNDGSVIHFNNPK	AGAP006614-PA	M14(Oxidation)	120	9.18E-12	1	3065.578	1.73	Ovary	2L:-:34739418-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_53452	LATAAAAEEDDDVPELTENFEEVSK	AGAP006614-PA	-	88	1.99E-08	1	2693.240	3.11	Head	2L:-:34739208-34739134	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_63970	LQLSLKK	AGAP006614-PA	-	33	0.000939788	1	829.551	-0.02	Male reproductive organs	2L:-:34739439-34739419	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_64843	KLGVNTIPGIEEVNMIK	AGAP006614-PA	M15(Oxidation)	55	1.55E-05	1	1871.033	0.99	Ovary	2L:-:34739421-34739371	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_66212	EAAAASSKAPEVPASS	AGAP006614-PA	-	95	4.58E-09	1	1472.724	1	Malpighian tubule	2L:-:34739115-34739068	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_70763	LATAAAAEEDDDVPELTENFEEVSKK	AGAP006614-PA	-	123	7.73E-12	1	2821.328	0.48	Salivary gland	2L:-:34739208-34739131	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_72570	MITEMLPNIISQLGPEGLNQLK	AGAP006614-PA	M1(Oxidation),M5(Oxidation)	45	0.000257637	3	2471.298	3.73	Salivary gland	2L:-:34739277-34739212	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_74641	APEVPASS	AGAP006614-PA	-	37	0.001316412	1	757.373	0.21	Male reproductive organs	2L:-:34739091-34739068	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_79718	LATAAAAEEDDDVPELTENFEEVSKK	AGAP006614-PA	-	124	6.21E-12	1	2821.330	1.43	Ovary	2L:-:34739208-34739131	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_81759	IVHTSSAVDDK	AGAP006614-PA	-	85	3.52E-08	1	1171.595	-0.01	Malpighian tubule	2L:-:34739475-34739443	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_84106	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	135	5.74E-13	1	1963.977	2.58	Salivary gland	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA

JHU_Ag_84140	EAETKEAAAASSK	AGAP006614-PA	-	50	0.000157437	2	1292.638	4.11	Malpighian tubule	2L:-:34739130-34739092	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_85247	IVHTSSAVDDKK	AGAP006614-PA	-	79	1.64E-07	1	1299.694	3	Midgut	2L:-:34739475-34739440	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_91146	IVHTSSAVDDKK	AGAP006614-PA	-	45	0.000401779	2	1299.687	-2.45	Male reproductive organs	2L:-:34739475-34739440	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_92354	IVHTSSAVDDKK	AGAP006614-PA	-	55	3.46E-05	1	1299.693	1.97	Head	2L:-:34739475-34739440	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_93079	NDGSVIHFNNPK	AGAP006614-PA	-	77	2.50E-07	1	1341.655	0.51	Visceras	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_97428	LATAAAAEEDDDVPELTENFEEVSK	AGAP006614-PA	-	42	0.000632812	2	2693.243	4.31	Malpighian tubule	2L:-:34739208-34739134	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_101142	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	67	3.36E-06	1	1963.975	1.67	Visceras	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_101471	NDGSVIHFNNPK	AGAP006614-PA	-	70	1.07E-06	1	1341.657	2.05	Malpighian tubule	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_101981	TQASLGTNTFAITGHSETK	AGAP006614-PA	-	130	1.60E-12	1	1963.976	1.96	Ovary	2L:-:34739334-34739278	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_102300	LQLSLKK	AGAP006614-PA	-	33	0.000766388	2	829.552	1.6	Ovary	2L:-:34739439-34739419	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_116416	NDGSVIHFNNPK	AGAP006614-PA	-	52	6.46E-05	2	1341.656	1.05	Pupa	2L:-:34739370-34739335	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_117528	MITEMLPNIISQLGPEGLNQLK	AGAP006614-PA	M1(Oxidation), M5(Oxidation)	35	0.002432734	2	2471.305	6.85	Malpighian tubule	2L:-:34739277-34739212	exon=> In CDS Exon 1 of transcript AGAP006614-PA
JHU_Ag_491	FAYGELGVKDPTEQDPVIR	AGAP006615-PA	-	46	0.000402173	3	2134.084	1.19	Visceras	2L:+:34741090-34741146	exon=> In CDS Exon 2 of transcript AGAP006615-PA
JHU_Ag_31841	DPTEQDPVIR	AGAP006615-PA	-	47	0.000222699	1	1169.582	1.57	Head	2L:+:34741117-34741146	exon=> In CDS Exon 2 of transcript AGAP006615-PA
JHU_Ag_42450	FAYGELGVKDPTEQDPVIR	AGAP006615-PA	-	110	1.44E-10	1	2134.085	1.79	Malpighian tubule	2L:+:34741090-34741146	exon=> In CDS Exon 2 of transcript AGAP006615-PA
JHU_Ag_44811	LILKSK	AGAP006615-PA	-	30	0.001415609	1	701.495	3.63	Malpighian tubule	2L:+:34741956-34741973	exon=> In CDS Exon 5 of transcript AGAP006615-PA
JHU_Ag_61790	FAYGELGVKDPTEQDPVIR	AGAP006615-PA	-	120	1.63E-11	1	2134.083	0.67	Midgut	2L:+:34741090-34741146	exon=> In CDS Exon 2 of transcript AGAP006615-PA
JHU_Ag_69401	FAYGELGVKDPTEQDPVIR	AGAP006615-PA	-	88	2.47E-08	1	2134.082	0.07	Salivary gland	2L:+:34741090-34741146	exon=> In CDS Exon 2 of transcript AGAP006615-PA
JHU_Ag_101079	DLVTVSYTGR	AGAP006615-PA	-	43	0.000589212	2	1110.579	0.02	Salivary gland	2L:+:34740851-34740880	exon=> In CDS Exon 1 of transcript AGAP006615-PA
JHU_Ag_101591	VYNNLALAQLK	AGAP006615-PA	-	42	0.000257329	2	1246.720	3.96	Male reproductive organs	2L:+:34741575-34741607	exon=> In CDS Exon 3 of transcript AGAP006615-PA
JHU_Ag_104130	RQEYNLAIQSYR	AGAP006615-PA	-	53	8.38E-05	2	1540.787	-0.02	Head	2L:+:34741288-34741323	exon=> In CDS Exon 2 of transcript AGAP006615-PA
JHU_Ag_104293	VYNNLALAQLK	AGAP006615-PA	-	56	1.54E-05	1	1246.717	1.62	Salivary gland	2L:+:34741575-34741607	exon=> In CDS Exon 3 of transcript AGAP006615-PA
JHU_Ag_114344	LILKSK	AGAP006615-PA	-	30	0.001345685	1	701.495	3.63	Male reproductive organs	2L:+:34741956-34741973	exon=> In CDS Exon 5 of transcript AGAP006615-PA
JHU_Ag_18	TMAFVDGQYLQDFER	AGAP006616-PA	-	106	3.06E-10	2	1819.832	0.09	Midgut	2L:-:34745784-34745740	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_918	LLPDHTYGYVSGGDPLDIPSLK	AGAP006616-PA	-	72	8.59E-07	1	2357.207	1.99	Head	2L:-:34745937-34745872	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_1755	NLIEPNISGGYNQLTGFDSHIR	AGAP006616-PA	-	45	0.000460353	1	2445.215	-0.35	Male reproductive organs	2L:-:34745517-34745452	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_3615	KLPETNVEQR	AGAP006616-PA	-	48	0.000197145	1	1213.649	-3.8	Head	2L:-:34744905-34744876	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_4396	TTLDVFDEAYGWNVR	AGAP006616-PA	-	109	1.66E-10	1	1785.844	0.05	Midgut	2L:-:34743906-34743862	exon=> In CDS Exon 1 of transcript AGAP006616-PA

JHU_Ag_4682	HSAEEILDK	AGAP006616-PA	-	43	0.000508725	2	1041.520	-0.7	Midgut	2L:-:34744344-34744318	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_4971	IFNELELNDVK	AGAP006616-PA	-	82	1.08E-07	2	1333.699	-0.45	Midgut	2L:-:34744551-34744519	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_5753	FIDSIPVR	AGAP006616-PA	-	48	0.000132034	2	946.537	0.9	Male reproductive organs	2L:-:34744218-34744195	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_6274	LGVLQQLDVPIAPLER	AGAP006616-PA	-	93	6.53E-10	1	1761.028	0.78	Malpighian tubule	2L:-:34743819-34743772	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_6586	VAQIFDR	AGAP006616-PA	-	36	0.002874155	1	848.461	-1.88	Malpighian tubule	2L:-:34745397-34745377	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_7053	FIDSIPVR	AGAP006616-PA	-	49	0.000108549	2	946.535	-1.03	Malpighian tubule	2L:-:34744218-34744195	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_7293	ITSDGLFNFYSYRDPNSR	AGAP006616-PA	-	36	0.003608117	3	2152.019	4.32	Ovary	2L:-:34743960-34743907	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_9136	YLDFLQEGWR	AGAP006616-PA	-	51	0.000106057	2	1326.650	1.93	Pupa	2L:-:34746090-34746061	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_10824	NLQAIYMDAAFRPNLK	AGAP006616-PA	-	109	1.52E-10	1	1864.973	-0.25	Midgut	2L:-:34746138-34746091	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_10932	SLATFMNAMTGPDYTLYPFSSTNEIDYR	AGAP006616-PA	M6(Oxidation), M9(Oxidation)	58	1.30E-05	1	3237.445	1.76	Malpighian tubule	2L:-:34746222-34746139	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_11837	TGLQYLHVDR	AGAP006616-PA	-	79	1.99E-07	1	1201.630	-1.98	Head	2L:-:34746396-34746367	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_12440	TTLDVFDEAYGWNVR	AGAP006616-PA	-	86	3.26E-08	2	1785.853	5.11	Visceras	2L:-:34743906-34743862	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_12654	LLPDHTYGYVSGGDPLDIPSLK	AGAP006616-PA	-	64	5.76E-06	1	2357.204	0.67	Ovary	2L:-:34745937-34745872	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_16026	YLDFLQEGWR	AGAP006616-PA	-	72	9.97E-07	1	1326.648	-0.01	Male reproductive organs	2L:-:34746090-34746061	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_17573	DTMFVVGLQDLAVEDFDR	AGAP006616-PA	M3(Oxidation)	62	8.78E-06	2	2085.981	0.43	Midgut	2L:-:34745451-34745398	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_17912	IFNELELNDVKR	AGAP006616-PA	-	36	0.003163041	1	1489.799	-1.16	Malpighian tubule	2L:-:34744551-34744516	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_18766	VWNVSEPLATTPAGACR	AGAP006616-PA	C16(Carbamidomethyl)	53	7.38E-05	2	1828.901	-0.05	Midgut	2L:-:34744179-34744129	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_19462	AILDVNGLSTEQK	AGAP006616-PA	-	82	1.01E-07	2	1387.743	0.21	Malpighian tubule	2L:-:34744812-34744774	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_23134	LMGIEHLAFMK	AGAP006616-PA	M2(Oxidation), M10(Oxidation)	35	0.006308048	1	1321.663	-1.31	Midgut	2L:-:34744392-34744360	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_23676	ITSDGLFNFYSYRDPNSR	AGAP006616-PA	-	80	1.60E-07	1	2152.012	1.26	Malpighian tubule	2L:-:34743960-34743907	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_23996	TTLDVFDEAYGWNVR	AGAP006616-PA	-	47	0.000309948	2	1785.845	0.46	Ovary	2L:-:34743906-34743862	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_24698	GPNSFFYR	AGAP006616-PA	-	66	1.65E-06	2	987.468	-0.2	Midgut	2L:-:34745541-34745518	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_29392	HSAEEILDK	AGAP006616-PA	-	62	6.32E-06	1	1041.517	-3.63	Head	2L:-:34744344-34744318	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_29980	QDTNNVFSINFR	AGAP006616-PA	-	73	7.02E-07	2	1454.701	-1.01	Midgut	2L:-:34746366-34746331	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_36478	AFDQLISSK	AGAP006616-PA	-	49	0.000150641	2	1008.537	0.76	Malpighian tubule	2L:-:34744710-34744684	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_37525	SEYVFK	AGAP006616-PA	-	32	0.003901108	1	772.389	1.45	Malpighian tubule	2L:-:34746030-34746013	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_38535	LEHAELQNPK	AGAP006616-PA	-	35	0.004494084	2	1178.618	1.38	Malpighian tubule	2L:-:34746060-34746031	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_38716	LGVLQQLDVPIAPLER	AGAP006616-PA	-	67	2.36E-07	2	1761.029	1.41	Visceras	2L:-:34743819-34743772	exon=> In CDS Exon 1 of transcript AGAP006616-PA

JHU_Ag_40583	QDTNNVFSINFR	AGAP006616-PA	-	54	6.09E-05	2	1454.704	0.84	Ovary	2L:-:34746366-34746331	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_40731	LGVLQQLDVPIAPLER	AGAP006616-PA	-	91	6.98E-10	1	1761.035	4.32	Head	2L:-:34743819-34743772	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_42046	YLDFLQEGWR	AGAP006616-PA	-	75	4.26E-07	2	1326.647	-0.93	Midgut	2L:-:34746090-34746061	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_44417	LLLPLFNTIVTQFGTK	AGAP006616-PA	-	79	1.48E-08	2	1805.062	2.75	Visceras	2L:-:34744773-34744726	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_44654	LLPDHTYGYVSGGDPLDIPSLK	AGAP006616-PA	-	65	4.23E-06	2	2357.203	0.41	Midgut	2L:-:34745937-34745872	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_44901	GFEPAHIESVLHSIELTMK	AGAP006616-PA	M18(Oxidation)	40	0.001451922	1	2154.095	2.46	Head	2L:-:34745352-34745296	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_45735	ITSDGLFNFYSYRDPNSR	AGAP006616-PA	-	51	0.000122993	1	2151.991	-8.78	Midgut	2L:-:34743960-34743907	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_45904	AAVLDVGKDLLLEVNEHYLKPGAVK	AGAP006616-PA	-	107	3.39E-11	1	2691.509	0.3	Visceras	2L:-:34743717-34743643	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_46015	LEHAELQNPK	AGAP006616-PA	-	45	0.000433772	2	1178.617	0.76	Head	2L:-:34746060-34746031	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_46697	LGVLQQLDVPIAPLER	AGAP006616-PA	-	60	1.03E-06	1	1761.035	4.52	Salivary gland	2L:-:34743819-34743772	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_47000	LLLPLFNTIVTQFGTK	AGAP006616-PA	-	66	3.08E-07	1	1805.065	4.38	Ovary	2L:-:34744773-34744726	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_49965	LMGIEHLAFMK	AGAP006616-PA	M2(Oxidation), M10(Oxidation)	55	6.10E-05	1	1321.667	1.89	Malpighian tubule	2L:-:34744392-34744360	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_50286	YLDFLQEGWR	AGAP006616-PA	-	82	8.31E-08	1	1326.649	1.1	Head	2L:-:34746090-34746061	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_51318	KLPETNVEQR	AGAP006616-PA	-	73	5.67E-07	1	1213.656	1.94	Malpighian tubule	2L:-:34744905-34744876	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_52611	NLIEPNISGGYNQLTGFDSHIR	AGAP006616-PA	-	43	0.000758737	1	2445.217	0.62	Malpighian tubule	2L:-:34745517-34745452	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_54357	VDTNGVVYFR	AGAP006616-PA	N4(Deamidated)	79	1.58E-07	2	1169.595	-0.29	Malpighian tubule	2L:-:34744842-34744813	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_55623	QDTNNVFSINFR	AGAP006616-PA	-	69	1.84E-06	2	1454.705	1.68	Malpighian tubule	2L:-:34746366-34746331	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_57331	ITSDGLFNFYSYR	AGAP006616-PA	-	93	7.92E-09	1	1582.753	-0.52	Midgut	2L:-:34743960-34743922	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_57508	QGISDELFGQHR	AGAP006616-PA	-	55	5.25E-05	2	1386.677	0.41	Midgut	2L:-:34743753-34743718	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_57612	AFDQLISSK	AGAP006616-PA	-	37	0.002197839	2	1008.538	2.03	Ovary	2L:-:34744710-34744684	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_59587	GAFSENSAVFGQK	AGAP006616-PA	-	69	1.36E-06	1	1341.648	3.05	Ovary	2L:-:34745988-34745950	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_59651	LVTNVPTQLCR	AGAP006616-PA	C10(Carbamidomethyl)	50	0.000115902	1	1300.706	1.44	Malpighian tubule	2L:-:34744875-34744843	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_59971	DGENWTTFALQ	AGAP006616-PA	-	45	0.000308348	2	1281.574	-0.4	Ovary	2L:-:34743594-34743562	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_61980	VAQIFDR	AGAP006616-PA	-	43	0.000708882	2	848.462	-0.52	Midgut	2L:-:34745397-34745377	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_63957	AFDQLISSK	AGAP006616-PA	-	41	0.00104829	1	1008.536	0.17	Midgut	2L:-:34744710-34744684	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_64818	DLLLEVNEHYLKPGAVK	AGAP006616-PA	-	31	0.004151414	1	1938.068	-0.77	Midgut	2L:-:34743693-34743643	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_65245	LLLPLFNTIVTQFGTK	AGAP006616-PA	-	77	2.66E-08	1	1805.059	1	Malpighian tubule	2L:-:34744773-34744726	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_69078	AAVLDVGKDLLLEVNEHYLKPGAVK	AGAP006616-PA	-	130	1.49E-13	1	2691.521	4.93	Malpighian tubule	2L:-:34743717-34743643	exon=> In CDS Exon 1 of transcript AGAP006616-PA

JHU_Ag_69821	YLDFLQEGWR	AGAP006616-PA	-	79	1.74E-07	2	1326.648	0.27	Visceras	2L:-:34746090-34746061	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_70394	LGVLQQLDVPIAPLER	AGAP006616-PA	-	83	5.30E-09	1	1761.034	3.76	Ovary	2L:-:34743819-34743772	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_71062	LGVLQQLDVPIAPLER	AGAP006616-PA	-	79	1.64E-08	1	1761.030	1.89	Male reproductive organs	2L:-:34743819-34743772	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_71676	AAVLDVGKDLLLEVNEHYLKPGAVK	AGAP006616-PA	-	106	3.57E-11	1	2691.517	3.48	Head	2L:-:34743717-34743643	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_72177	VWNVSEPLATTPAGACR	AGAP006616-PA	C16(Carbamidomethyl)	70	1.52E-06	2	1828.904	1.35	Malpighian tubule	2L:-:34744179-34744129	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_73802	VDTNGVVYFR	AGAP006616-PA	-	41	0.000769892	2	1169.596	0.65	Ovary	2L:-:34744842-34744813	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_75069	ITSDGLFNFYSYRDPNSR	AGAP006616-PA	-	38	0.002696065	1	2152.017	3.39	Male reproductive organs	2L:-:34743960-34743907	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_76291	NLIEPNISGGYNQLTGFDSHIR	AGAP006616-PA	-	42	0.000920643	1	2445.215	-0.35	Ovary	2L:-:34745517-34745452	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_78901	GFEPAHIESVLHSIELTMK	AGAP006616-PA	M18(Oxidation)	82	7.56E-08	1	2154.099	4.08	Ovary	2L:-:34745352-34745296	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_79778	YLDFLQEGWR	AGAP006616-PA	-	72	7.83E-07	2	1326.648	0.45	Ovary	2L:-:34746090-34746061	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_80115	IFSYGCFDLDK	AGAP006616-PA	C6(Carbamidomethyl)	52	7.12E-05	2	1364.619	-0.16	Midgut	2L:-:34745817-34745785	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_82359	ITSDGLFNFYSYR	AGAP006616-PA	-	80	1.66E-07	1	1582.754	0.41	Malpighian tubule	2L:-:34743960-34743922	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_84751	NLIEPNISGGYNQLTGFDSHIR	AGAP006616-PA	-	54	5.89E-05	2	2445.228	5.12	Midgut	2L:-:34745517-34745452	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_84796	VWNVSEPLATTPAGACR	AGAP006616-PA	C16(Carbamidomethyl)	85	4.40E-08	1	1828.910	4.89	Head	2L:-:34744179-34744129	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_86256	AILDVNGLSTEQK	AGAP006616-PA	-	80	1.45E-07	2	1387.743	-0.06	Midgut	2L:-:34744812-34744774	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_87453	LTMTMSPDENYEK	AGAP006616-PA	M3(Oxidation), M5(Oxidation)	55	1.03E-05	1	1590.662	-2.66	Midgut	2L:-:34745109-34745071	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_89538	LVTNVPTQLCR	AGAP006616-PA	C10(Carbamidomethyl)	44	0.000511507	1	1300.708	2.75	Male reproductive organs	2L:-:34744875-34744843	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_89790	LLPDHTYGYVSGGDPLDIPSLK	AGAP006616-PA	-	52	9.09E-05	1	2357.204	0.74	Male reproductive organs	2L:-:34745937-34745872	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_90565	TTLDVFDEAYGWNVR	AGAP006616-PA	-	82	1.02E-07	2	1785.848	1.9	Head	2L:-:34743906-34743862	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_91553	YLDFLQEGWR	AGAP006616-PA	-	51	0.000100355	1	1326.652	2.85	Salivary gland	2L:-:34746090-34746061	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_91834	NLIEPNISGGYNQLTGFDSHIR	AGAP006616-PA	-	68	2.66E-06	1	2445.219	1.44	Head	2L:-:34745517-34745452	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_92554	KLPETNVEQR	AGAP006616-PA	-	60	1.24E-05	1	1213.654	0.03	Midgut	2L:-:34744905-34744876	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_94747	GFEPAHIESVLHSIELTMK	AGAP006616-PA	M18(Oxidation)	68	2.02E-06	1	2154.087	-1.28	Midgut	2L:-:34745352-34745296	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_95112	GPNSFFYR	AGAP006616-PA	-	35	0.002141684	2	987.468	-0.26	Ovary	2L:-:34745541-34745518	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_96806	TGLQYLHVDR	AGAP006616-PA	-	65	4.74E-06	1	1201.632	-0.66	Midgut	2L:-:34746396-34746367	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_98057	LVTNVPTQLCRVDTNGVVYFR	AGAP006616-PA	C10(Carbamidomethyl)	39	0.000952968	1	2451.294	5.09	Malpighian tubule	2L:-:34744875-34744813	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_99702	LLPDHTYGYVSGGDPLDIPSLK	AGAP006616-PA	-	77	2.73E-07	1	2357.205	0.9	Malpighian tubule	2L:-:34745937-34745872	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_100388	LLPDHTYGYVSGGDPLDIPSLK	AGAP006616-PA	-	80	1.25E-07	1	2357.209	2.92	Visceras	2L:-:34745937-34745872	exon=> In CDS Exon 1 of transcript AGAP006616-PA

JHU_Ag_101173	AAVLDVGKDLLLEVNEHYLKPGAVK	AGAP006616-PA	-	111	1.37E-11	1	2691.507	-0.24	Midgut	2L:-:34743717-34743643	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_101403	ITSDGLFNFYSYR	AGAP006616-PA	-	90	1.58E-08	2	1582.754	-0.05	Head	2L:-:34743960-34743922	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_101800	AMNVSESVAK	AGAP006616-PA	M2(Oxidation)	57	3.23E-05	1	1051.512	3.19	Malpighian tubule	2L:-:34745217-34745188	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_102510	DGENWTTFALQ	AGAP006616-PA	-	71	6.93E-07	2	1281.575	0.45	Midgut	2L:-:34743594-34743562	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_104422	AAVLDVGKDLLLEVNEHYLKPGAVK	AGAP006616-PA	-	158	2.41E-16	1	2691.517	3.3	Ovary	2L:-:34743717-34743643	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_105009	VNPVVLANIK	AGAP006616-PA	-	33	0.000726259	2	1066.662	-0.39	Ovary	2L:-:34746534-34746505	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_105401	TGLQYLHVDR	AGAP006616-PA	-	52	9.28E-05	1	1201.632	-0.21	Malpighian tubule	2L:-:34746396-34746367	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_105765	LGVLQQLDVPIAPLER	AGAP006616-PA	-	92	1.06E-09	1	1761.026	-0.6	Midgut	2L:-:34743819-34743772	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_106156	GAFSENSAVFGQK	AGAP006616-PA	-	83	5.82E-08	2	1341.642	-0.96	Midgut	2L:-:34745988-34745950	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_106306	GFEPAHIESVLHSIELTMK	AGAP006616-PA	M18(Oxidation)	75	3.97E-07	1	2154.093	1.53	Malpighian tubule	2L:-:34745352-34745296	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_106762	YLLPVVR	AGAP006616-PA	-	27	0.003367228	2	859.540	-0.5	Midgut	2L:-:34744014-34743994	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_107603	LLLPLFNTIVTQFGTK	AGAP006616-PA	-	93	9.36E-10	2	1805.055	-1.3	Midgut	2L:-:34744773-34744726	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_109819	LVTNVPTQLCR	AGAP006616-PA	C10(Carbamidomethyl)	52	9.34E-05	1	1300.704	-0.16	Midgut	2L:-:34744875-34744843	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_113269	GPNSFFYR	AGAP006616-PA	-	52	3.83E-05	2	987.467	-1.74	Head	2L:-:34745541-34745518	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_114770	GPNSFFYR	AGAP006616-PA	-	59	7.35E-06	2	987.469	1.04	Malpighian tubule	2L:-:34745541-34745518	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_115076	VNPVVLANIK	AGAP006616-PA	-	71	1.09E-07	1	1066.663	1.21	Malpighian tubule	2L:-:34746534-34746505	exon=> In CDS Exon 1 of transcript AGAP006616-PA
JHU_Ag_24352	DLNVNSSTGVPLLNESVDELKR	AGAP006617-PA	-	73	5.37E-07	1	2399.243	0.76	Male reproductive organs	2L:+:34748423-34748488	exon=> In CDS Exon 1 of transcript AGAP006617-PA
JHU_Ag_55531	QLAAEALTEITQLLTK	AGAP006617-PA	-	100	3.40E-10	2	1742.992	1.26	Ovary	2L:+:34749067-34749112,34749180-34749181	exon=> In CDS Exon 2 and 3 of transcript AGAP006617-PA
JHU_Ag_97304	EQTAVTGDMRPLLDALPSLDSLFEVK	AGAP006619-PA	M9(Oxidation)	84	3.98E-08	1	2861.456	-1.5	Ovary	2L:-:34752278-34752201	exon=> In CDS Exon 1 of transcript AGAP006619-PA
JHU_Ag_115547	YLSPEEAALLSLPAHLSQTSSQR	AGAP006620-PA	-	61	8.61E-06	1	2498.292	1.38	Ovary	2L:+:34753692-34753760	exon=> In CDS Exon 4 of transcript AGAP006620-PA
JHU_Ag_111488	LMLLK	AGAP006621-PA	M2(Oxidation)	30	0.00231319	1	633.396	-6.24	Midgut	2L:-:34756847-34756833	exon=> In CDS Exon 2 of transcript AGAP006621-PA
JHU_Ag_378	INYEEFVYMLMK	AGAP006622-PA	M9(Oxidation), M11(Oxidation)	88	2.49E-08	2	1611.744	0.57	Male reproductive organs	2L:+:34764080-34764115	exon=> In CDS Exon 1 of transcript AGAP006622-PA
JHU_Ag_15275	QMFEMFDR	AGAP006622-PA	Q1(Deamidated), M2(Oxidation), M5(Oxidation)	32	0.00099791	2	1136.440	0.64	Male reproductive organs	2L:+:34763714-34763737	exon=> In CDS Exon 1 of transcript AGAP006622-PA
JHU_Ag_33345	ELEDLLAEADIDGDGR	AGAP006622-PA	-	64	4.48E-06	2	1730.808	-0.28	Male reproductive organs	2L:+:34764032-34764079	exon=> In CDS Exon 1 of transcript AGAP006622-PA
JHU_Ag_53689	DGSGSISTTELGDLMR	AGAP006622-PA	M15(Oxidation)	71	1.03E-06	1	1654.758	-0.29	Male reproductive organs	2L:+:34763738-34763785	exon=> In CDS Exon 1 of transcript AGAP006622-PA
JHU_Ag_68143	KIENLIK	AGAP006623-PA	-	41	0.000495071	2	857.544	-1.92	Pupa	2L:-:34764318-34764298	exon=> In CDS Exon 4 of transcript AGAP006623-PA
JHU_Ag_78878	KIENLIK	AGAP006623-PA	N4(Deamidated)	40	0.000671405	2	858.541	13.28	Malpighian tubule	2L:-:34764318-34764298	exon=> In CDS Exon 4 of transcript AGAP006623-PA

JHU_Ag_1925	LVLQFGPSNSKPIDEIVA	AGAP006625-PA	-	40	0.000828642	1	1927.054	0.14	Male reproductive organs	2L:-:34771458-34771405	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_2414	KEAIVSIFDEK	AGAP006625-PA	-	58	1.56E-05	2	1278.699	3.59	Salivary gland	2L:-:34772219-34772187	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_2607	ECLNRDPNNYDTLINLLALSQQR	AGAP006625-PA	C2(Carbamidomethyl)	80	1.30E-07	1	2760.384	3.8	Malpighian tubule	2L:-:34771635-34771567	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_3439	ECLNRDPNNYDTLINLLALSQQR	AGAP006625-PA	C2(Carbamidomethyl)	70	1.21E-06	1	2760.380	2.27	Ovary	2L:-:34771635-34771567	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_11034	YLAEYMSNSAR	AGAP006625-PA	M6(Oxidation)	72	6.38E-07	1	1320.588	-0.56	Salivary gland	2L:-:34772252-34772220	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_12498	VVLDEIKPSNDTPLLALR	AGAP006625-PA	-	46	6.92E-05	1	1993.132	-0.64	Salivary gland	2L:-:34772306-34772253	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_15583	ASLEKDIFMYR	AGAP006625-PA	M9(Oxidation)	50	0.000167082	1	1388.688	0.25	Midgut	2L:-:34772366-34772334	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_25722	VVLDEIKPSNDTPLLALR	AGAP006625-PA	-	49	2.76E-05	3	1993.134	0.61	Male reproductive organs	2L:-:34772306-34772253	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_29298	YDDAEQVLR	AGAP006625-PA	-	70	1.45E-06	2	1108.526	-0.5	Salivary gland	2L:-:34771662-34771636	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_29319	VVLDEIKPSNDTPLLALR	AGAP006625-PA	-	44	7.82E-05	1	1993.141	4	Larva	2L:-:34772306-34772253	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_31419	YDDAEQVLR	AGAP006625-PA	-	81	1.09E-07	1	1108.528	0.82	Male reproductive organs	2L:-:34771662-34771636	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_32696	DKSSSQFSR	AGAP006625-PA	-	41	0.00081085	2	1041.495	-0.8	Midgut	2L:-:34771566-34771540	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_36103	GSSLVAAYNKR	AGAP006625-PA	-	52	6.51E-05	1	1165.632	-0.16	Midgut	2L:-:34771509-34771477	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_38975	LQDAFFIFQDLCDK	AGAP006625-PA	C12(Carbamidomethyl)	110	1.69E-10	2	1759.843	3.77	Salivary gland	2L:-:34771764-34771723	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_42703	DPNNYDTLINLLALSQQR	AGAP006625-PA	-	106	3.52E-10	1	2088.073	0.28	Ovary	2L:-:34771620-34771567	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_49983	LVLQFGPSNSKPIDEIVA	AGAP006625-PA	-	41	0.00059754	1	1927.055	0.53	Salivary gland	2L:-:34771458-34771405	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_50658	YLAQILDDHK	AGAP006625-PA	-	56	3.61E-05	1	1215.637	0.42	Head	2L:-:34771539-34771510	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_51565	YLAEYMSNSAR	AGAP006625-PA	M6(Oxidation)	58	1.61E-05	1	1320.589	0	Midgut	2L:-:34772252-34772220	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_60766	ECLNRDPNNYDTLINLLALSQQR	AGAP006625-PA	C2(Carbamidomethyl)	80	1.41E-07	1	2760.370	-1.11	Midgut	2L:-:34771635-34771567	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_61738	DPNNYDTLINLLALSQQR	AGAP006625-PA	-	81	1.01E-07	1	2088.080	3.96	Salivary gland	2L:-:34771620-34771567	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_62237	VVLDEIKPSNDTPLLALR	AGAP006625-PA	-	66	5.78E-07	1	1993.135	0.97	Head	2L:-:34772306-34772253	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_62710	YLAQILDDHK	AGAP006625-PA	-	49	0.000193344	1	1215.635	-1.39	Ovary	2L:-:34771539-34771510	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_64951	YDDAEQVLR	AGAP006625-PA	-	44	0.000603723	2	1108.527	-0.39	Pupa	2L:-:34771662-34771636	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_65861	VVLDEIKPSNDTPLLALR	AGAP006625-PA	-	109	3.21E-11	1	1993.130	-1.51	Ovary	2L:-:34772306-34772253	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_71387	VVLDEIKPSNDTPLLALR	AGAP006625-PA	-	65	9.10E-07	1	1993.133	0.28	Midgut	2L:-:34772306-34772253	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_76187	KEAIVSIFDEK	AGAP006625-PA	-	55	2.41E-05	1	1278.693	-0.61	Midgut	2L:-:34772219-34772187	exon=> In CDS Exon 2 of transcript AGAP006625-PA
JHU_Ag_77012	YDDAEQVLR	AGAP006625-PA	-	37	0.003183007	1	1108.527	0.34	Midgut	2L:-:34771662-34771636	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_79702	VVLDEIKPSNDTPLLALR	AGAP006625-PA	-	71	1.79E-07	1	1993.137	1.8	Pupa	2L:-:34772306-34772253	exon=> In CDS Exon 2 of transcript AGAP006625-PA

JHU_Ag_87560	ECLNRDPNNYDTLINLLALSQQR	AGAP006625-PA	C2(Carbamidomethyl)	80	1.40E-07	1	2760.374	0.22	Salivary gland	2L:-:34771635-34771567	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_108809	LVLQFGPSNSKPIDEIVA	AGAP006625-PA	-	62	4.64E-06	1	1927.053	-0.11	Midgut	2L:-:34771458-34771405	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_116874	QAEFDRLVLQFGPSNSKPIDEIVA	AGAP006625-PA	-	34	0.003063598	1	2673.405	6.28	Malpighian tubule	2L:-:34771476-34771405	exon=> In CDS Exon 4 of transcript AGAP006625-PA
JHU_Ag_3973	IDAGIVLGSLAK	AGAP006626-PA	-	47	8.00E-05	2	1156.697	2.73	Ovary	2L:+:34774814-34774849	exon=> In CDS Exon 2 of transcript AGAP006626-PA
JHU_Ag_5669	SLCQAEVIPFLAR	AGAP006626-PA	C3(Carbamidomethyl)	62	1.05E-05	1	1503.798	-0.82	Malpighian tubule	2L:+:34775199-34775237	exon=> In CDS Exon 3 of transcript AGAP006626-PA
JHU_Ag_24125	RLIQIASPR	AGAP006626-PA	-	36	0.000489501	2	1053.652	-0.5	Head	2L:+:34775033-34775042,34775110-34775126	exon=> In CDS Exon 2 and 3 of transcript AGAP006626-PA
JHU_Ag_63154	DEDYVLQDEK	AGAP006626-PA	-	47	0.000198263	2	1253.554	0.7	Head	2L:+:34776667-34776696	exon=> In CDS Exon 6 of transcript AGAP006626-PA
JHU_Ag_104653	LIQIASPR	AGAP006626-PA	-	48	3.47E-05	2	897.553	1.78	Malpighian tubule	2L:+:34775036-34775042,34775110-34775126	exon=> In CDS Exon 2 and 3 of transcript AGAP006626-PA
JHU_Ag_91591	TRLELADYEAENLAK	AGAP006629-PA,AGAP003718-PA	-	76	3.63E-07	2	1735.892	3.43	Head	2L:+:34789780-34789824;2R:-:42423175-42423131	exon=> In CDS Exon 2 of transcript AGAP006629-PA;exon=> In CDS Exon 1 of transcript AGAP003718-PA
JHU_Ag_2817	DMRLTGNPYQCNGLESIPDK	AGAP006630-PA	C11(Carbamidomethyl),"M2(Oxidation),C11(Carbamidomethyl)"	92	9.30E-09	1	2308.078	3.46	Malpighian tubule	2L:+:34793233-34793268,34793343-34793366	exon=> In CDS Exon 2 and 3 of transcript AGAP006630-PA
JHU_Ag_17882	LTGNPYQCNGLESIPDK	AGAP006630-PA	C8(Carbamidomethyl),N9(Deamidated),C8(Carbamidomethyl)	144	5.08E-14	1	1906.890	2.62	Malpighian tubule	2L:+:34793242-34793268,34793343-34793366	exon=> In CDS Exon 2 and 3 of transcript AGAP006630-PA
JHU_Ag_18910	LTGNPYQCNGLESIPDK	AGAP006630-PA	C8(Carbamidomethyl),N9(Deamidated),C8(Carbamidomethyl)	114	5.29E-11	1	1905.904	1.47	Visceras	2L:+:34793242-34793268,34793343-34793366	exon=> In CDS Exon 2 and 3 of transcript AGAP006630-PA
JHU_Ag_19507	LTGNPYQCNGLESIPDK	AGAP006630-PA	C8(Carbamidomethyl),N9(Deamidated),C8(Carbamidomethyl)	96	3.94E-09	1	1905.900	-0.84	Head	2L:+:34793242-34793268,34793343-34793366	exon=> In CDS Exon 2 and 3 of transcript AGAP006630-PA
JHU_Ag_39624	LTLDNAYR	AGAP006630-PA	-	43	0.000825451	2	965.507	1.91	Malpighian tubule	2L:+:34793015-34793029,34793182-34793190	exon=> In CDS Exon 1 and 2 of transcript AGAP006630-PA
JHU_Ag_58693	LTLDNAYR	AGAP006630-PA	-	50	0.000169934	2	965.505	-0.43	Ovary	2L:+:34793015-34793029,34793182-34793190	exon=> In CDS Exon 1 and 2 of transcript AGAP006630-PA
JHU_Ag_95755	LTLDNAYR	AGAP006630-PA	-	42	0.000972056	1	965.507	1.48	Visceras	2L:+:34793015-34793029,34793182-34793190	exon=> In CDS Exon 1 and 2 of transcript AGAP006630-PA
JHU_Ag_98525	LTLDNAYR	AGAP006630-PA	-	55	5.57E-05	2	965.501	-4.1	Midgut	2L:+:34793015-34793029,34793182-34793190	exon=> In CDS Exon 1 and 2 of transcript AGAP006630-PA
JHU_Ag_116461	LTLDNAYR	AGAP006630-PA	-	40	0.001563058	2	965.502	-2.83	Head	2L:+:34793015-34793029,34793182-34793190	exon=> In CDS Exon 1 and 2 of transcript AGAP006630-PA
JHU_Ag_117797	LTGNPYQCNGLESIPDK	AGAP006630-PA	C8(Carbamidomethyl),N9(Deamidated),C8(Carbamidomethyl)	119	1.97E-11	1	1905.898	-1.92	Midgut	2L:+:34793242-34793268,34793343-34793366	exon=> In CDS Exon 2 and 3 of transcript AGAP006630-PA
JHU_Ag_4881	DALSAALEVR	AGAP006632-PA	-	53	8.77E-05	2	1044.568	-0.05	Salivary gland	2L:+:34857535-34857564	exon=> In CDS Exon 3 of transcript AGAP006632-PA

JHU_Ag_14561	KLNLVTGER	AGAP006632-PA	N3(Deamidated)	39	0.001188502	2	1030.587	-1.69	Head	2L:+:34857850-34857876	exon=> In CDS Exon 3 of transcript AGAP006632-PA
JHU_Ag_33270	ISGSYFQLR	AGAP006632-PA	-	47	0.000198168	2	1070.562	-0.83	Ovary	2L:+:34859204-34859230	exon=> In CDS Exon 5 of transcript AGAP006632-PA
JHU_Ag_60607	TVVNLLFGFK	AGAP006632-PA	-	48	4.56E-05	2	1137.667	0.07	Salivary gland	2L:+:34859165-34859194	exon=> In CDS Exon 5 of transcript AGAP006632-PA
JHU_Ag_67071	NLQSLIGDKLLLEEQVASSQAR	AGAP006632-PA	-	84	1.85E-08	1	2412.313	1.68	Ovary	2L:+:34857448-34857513	exon=> In CDS Exon 3 of transcript AGAP006632-PA
JHU_Ag_106255	EIDELRLENER	AGAP006632-PA	-	39	0.001802766	1	1415.715	1.73	Ovary	2L:+:34858760-34858792	exon=> In CDS Exon 5 of transcript AGAP006632-PA
JHU_Ag_20978	DQAADATGQLFVGDAIIK	AGAP006633-PA,AGAP006633-PB	-	124	7.31E-12	2	1832.948	4.82	Head	2L:-:34874366-34874313;2L:-:34874366-34874313	exon=> In CDS Exon 3 of transcript AGAP006633-PA;exon=> In CDS Exon 3 of transcript AGAP006633-PB
JHU_Ag_54841	VNGEYITACPHDDAVNILR	AGAP006633-PA,AGAP006633-PB	C9(Carbamidomethyl)	48	0.000265904	1	2157.041	0.81	Head	2L:-:34869331-34869275;2L:-:34869331-34869275	exon=> In CDS Exon 4 of transcript AGAP006633-PA;exon=> In CDS Exon 4 of transcript AGAP006633-PB
JHU_Ag_17371	IPEILK	AGAP006634-PA	-	24	0.001854439	1	712.460	-0.18	Midgut	2L:-:34925993-34925976	exon=> In CDS Exon 11 of transcript AGAP006634-PA
JHU_Ag_17714	DTIVLDPTSSDIR	AGAP006634-PA	-	59	2.12E-05	2	1431.736	2.53	Head	2L:-:34993642-34993604	exon=> In CDS Exon 4 of transcript AGAP006634-PA
JHU_Ag_29899	NILNQNWATYLK	AGAP006634-PA,AGAP006636-PA	-	34	0.005796057	2	1477.782	1.49	Head	2L:-:34932677-34932642;2L:+:35397109-35397144	exon=> In CDS Exon 8 of transcript AGAP006634-PA;exon=> In CDS Exon 8 of transcript AGAP006636-PA
JHU_Ag_56013	ILLWR	AGAP006635-PA	-	32	0.001170709	1	700.461	14.55	Head	2L:-:35252885-35252871	exon=> In CDS Exon 3 of transcript AGAP006635-PA
JHU_Ag_111416	ELVSLVSK	AGAP006637-PB	-	50	3.44E-05	2	874.525	0.99	Malpighian tubule	2L:-:35402480-35402457	exon=> In CDS Exon 6 of transcript AGAP006637-PB
JHU_Ag_116838	SPTERELVSLVSK	AGAP006637-PB	-	50	0.000109243	1	1444.792	-6.03	Malpighian tubule	2L:-:35402495-35402457	exon=> In CDS Exon 6 of transcript AGAP006637-PB
JHU_Ag_6946	YAPICGSDGQTYLSPCHAGCR	AGAP006637-PB,AGAP006637-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl)	36	0.001781109	1	2370.018	5.23	Larva	2L:-:35403219-35403157;2L:-:35403219-35403157	exon=> In CDS Exon 4 of transcript AGAP006637-PB;exon=> In CDS Exon 4 of transcript AGAP006637-PA
JHU_Ag_31440	VPFLSSLAAFGR	AGAP006637-PB,AGAP006637-PA	-	76	1.73E-07	1	1264.707	1.43	Salivary gland	2L:-:35404314-35404279;2L:-:35404314-35404279	exon=> In CDS Exon 1 of transcript AGAP006637-PB;exon=> In CDS Exon 1 of transcript AGAP006637-PA
JHU_Ag_32986	VPFLSSLAAFGR	AGAP006637-PB,AGAP006637-PA	-	91	5.55E-09	1	1264.706	0.76	Malpighian tubule	2L:-:35404314-35404279;2L:-:35404314-35404279	exon=> In CDS Exon 1 of transcript AGAP006637-PB;exon=> In CDS Exon 1 of transcript AGAP006637-PA
JHU_Ag_33849	YAPICGSDGQTYLSPCHAGCR	AGAP006637-PB,AGAP006637-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl)	91	5.39E-09	1	2370.006	-0.1	Malpighian tubule	2L:-:35403219-35403157;2L:-:35403219-35403157	exon=> In CDS Exon 4 of transcript AGAP006637-PB;exon=> In CDS Exon 4 of transcript AGAP006637-PA
JHU_Ag_71864	VPFLSSLAAFGR	AGAP006637-PB,AGAP006637-PA	-	53	2.39E-05	2	1264.711	4.81	Larva	2L:-:35404314-35404279;2L:-:35404314-35404279	exon=> In CDS Exon 1 of transcript AGAP006637-PB;exon=> In CDS Exon 1 of transcript AGAP006637-PA
JHU_Ag_102038	VSFSDMLVTVR	AGAP006637-PB,AGAP006637-PA	-	51	7.98E-05	2	1253.658	1.29	Malpighian tubule	2L:-:35403772-35403740;2L:-:35403772-35403740	exon=> In CDS Exon 2 of transcript AGAP006637-PB;exon=> In CDS Exon 2 of transcript AGAP006637-PA

JHU_Ag_102735	ASGTSTAEEDVETNR	AGAP006637-PB,AGAP006637-PA	-	91	6.76E-09	1	1566.690	1.12	Malpighian tubule	2L:-:35403820-35403776;2L:-:35403820-35403776	exon=> In CDS Exon 2 of transcript AGAP006637-PB;exon=> In CDS Exon 2 of transcript AGAP006637-PA
JHU_Ag_2377	RQNQYGDLK	AGAP006638-PA	-	52	0.000106444	1	1121.574	3.41	Malpighian tubule	2L:-:35407676-35407650	exon=> In CDS Exon 4 of transcript AGAP006638-PA
JHU_Ag_4137	DVDVFDEPR	AGAP006638-PA	-	66	2.54E-06	1	1091.501	0.49	Malpighian tubule	2L:-:35410132-35410106	exon=> In CDS Exon 1 of transcript AGAP006638-PA
JHU_Ag_8041	TPALVSVSYFLR	AGAP006638-PA	-	75	1.36E-07	1	1352.759	1.13	Salivary gland	2L:-:35408561-35408526	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_17914	LYISPSMTPTISNTDPR	AGAP006638-PA	-	84	6.52E-08	1	1892.944	0.84	Salivary gland	2L:-:35408477-35408427	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_22208	REDELPASFK	AGAP006638-PA	-	39	0.002375083	2	1191.596	-3.36	Head	2L:-:35408261-35408232	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_26227	EIALADKEEEAITDRPT	AGAP006638-PA	-	110	1.42E-10	1	1900.954	2.28	Malpighian tubule	2L:-:35406856-35406806	exon=> In CDS Exon 7 of transcript AGAP006638-PA
JHU_Ag_26929	QNQYGDLK	AGAP006638-PA	-	50	0.000153156	2	965.472	3.19	Malpighian tubule	2L:-:35407673-35407650	exon=> In CDS Exon 4 of transcript AGAP006638-PA
JHU_Ag_29596	TPALVSVSYFLR	AGAP006638-PA	-	59	4.61E-06	2	1352.764	5.28	Larva	2L:-:35408561-35408526	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_37928	ASNFLVSVR	AGAP006638-PA	-	73	4.99E-07	2	992.555	2.6	Salivary gland	2L:-:35407242-35407216	exon=> In CDS Exon 6 of transcript AGAP006638-PA
JHU_Ag_38627	EGTDRAEDDDR	AGAP006638-PA	-	38	0.00047457	1	1278.519	-0.11	Malpighian tubule	2L:-:35410063-35410031	exon=> In CDS Exon 1 of transcript AGAP006638-PA
JHU_Ag_39584	DTSCGFWMFQGPMLQR	AGAP006638-PA	C4(Carbamidomethyl)	87	1.15E-08	1	1960.853	1.25	Salivary gland	2L:-:35409871-35410147,35408792-35409192	exon=> In CDS Exon 2 and 1 of transcript AGAP006638-PA
JHU_Ag_44887	MLGPAIGYTLASYFLK	AGAP006638-PA	M1(Oxidation)	74	5.95E-07	1	1760.928	-0.68	Malpighian tubule	2L:-:35408525-35408478	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_44947	YSPICGEDGNTYISACHAGCK	AGAP006638-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl)	103	1.76E-10	1	2359.976	0.98	Salivary gland	2L:-:35407739-35407677	exon=> In CDS Exon 4 of transcript AGAP006638-PA
JHU_Ag_49423	LGMQLSDASKR	AGAP006638-PA	-	34	0.006187497	1	1205.635	3.37	Malpighian tubule	2L:-:35408291-35408259	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_50338	MLPEDVEDMYR	AGAP006638-PA	-	47	0.000166595	2	1397.611	2.67	Salivary gland	2L:-:35409922-35409890	exon=> In CDS Exon 1 of transcript AGAP006638-PA
JHU_Ag_50524	LGMQLSDASK	AGAP006638-PA	M3(Oxidation)	72	9.62E-07	1	1065.527	2.21	Malpighian tubule	2L:-:35408291-35408262	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_57207	LYISPSMTPTISNTDPR	AGAP006638-PA	-	72	1.08E-06	1	1892.946	2	Malpighian tubule	2L:-:35408477-35408427	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_63026	KGSYAVYNNGK	AGAP006638-PA	-	71	9.85E-07	2	1200.605	3.43	Malpighian tubule	2L:-:35409985-35409953	exon=> In CDS Exon 1 of transcript AGAP006638-PA
JHU_Ag_63735	REDELPASFK	AGAP006638-PA	-	56	4.48E-05	1	1191.600	-0.8	Salivary gland	2L:-:35408261-35408232	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_64618	ASNFLVSVR	AGAP006638-PA	-	76	2.38E-07	2	992.555	3.09	Malpighian tubule	2L:-:35407242-35407216	exon=> In CDS Exon 6 of transcript AGAP006638-PA
JHU_Ag_68524	TCLVWGK	AGAP006638-PA	C2(Carbamidomethyl)	38	0.002046095	2	863.445	0.87	Salivary gland	2L:-:35407107-35407087	exon=> In CDS Exon 6 of transcript AGAP006638-PA
JHU_Ag_78647	IFDDEVQDK	AGAP006638-PA	-	50	0.000119104	2	1108.516	0.26	Malpighian tubule	2L:-:35406883-35406857	exon=> In CDS Exon 7 of transcript AGAP006638-PA
JHU_Ag_86586	EIALADKEEEAITDRPT	AGAP006638-PA	-	124	5.09E-12	1	1900.956	3.44	Salivary gland	2L:-:35406856-35406806	exon=> In CDS Exon 7 of transcript AGAP006638-PA

JHU_Ag_88311	YSPICGEDGNTYISACHAGCK	AGAP006638-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl)	141	2.82E-14	1	2359.977	1.06	Malpighian tubule	2L:-:35407739-35407677	exon=> In CDS Exon 4 of transcript AGAP006638-PA
JHU_Ag_93443	GNCWLYDGETLR	AGAP006638-PA	C3(Carbamidomethyl)	51	7.38E-05	1	1483.669	3.38	Salivary gland	2L:-:35407071-35407356,35406803-35406971	exon=> In CDS Exon 7 and 6 of transcript AGAP006638-PA
JHU_Ag_94623	SKTPALVSVSYFLR	AGAP006638-PA	-	56	1.10E-05	1	1567.892	4.91	Malpighian tubule	2L:-:35408567-35408526	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_94648	YIETQYK	AGAP006638-PA	-	41	0.000718596	1	944.476	3.97	Malpighian tubule	2L:-:35408117-35408097	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_98564	REDELPASFK	AGAP006638-PA	-	56	4.99E-05	1	1191.601	0.43	Malpighian tubule	2L:-:35408261-35408232	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_98800	YSPICGEDGNTYISACHAGCKR	AGAP006638-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl)	100	5.47E-10	1	2516.084	3.54	Malpighian tubule	2L:-:35407739-35407674	exon=> In CDS Exon 4 of transcript AGAP006638-PA
JHU_Ag_100935	LGMQLSDASK	AGAP006638-PA	-	69	2.03E-06	1	1049.531	1.59	Salivary gland	2L:-:35408291-35408262	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_103551	GNCWLYDGETLR	AGAP006638-PA	C3(Carbamidomethyl)	66	2.11E-06	1	1483.667	2.47	Malpighian tubule	2L:-:35407071-35407356,35406803-35406971	exon=> In CDS Exon 7 and 6 of transcript AGAP006638-PA
JHU_Ag_103622	IFDDEVQDK	AGAP006638-PA	-	61	9.97E-06	1	1108.518	1.69	Salivary gland	2L:-:35406883-35406857	exon=> In CDS Exon 7 of transcript AGAP006638-PA
JHU_Ag_109264	TPALVSVSYFLR	AGAP006638-PA	-	97	8.01E-10	1	1352.757	-0.05	Malpighian tubule	2L:-:35408561-35408526	exon=> In CDS Exon 3 of transcript AGAP006638-PA
JHU_Ag_4123	SDEFFQFFQFLTDPPGR	AGAP006643-PA	-	81	1.28E-07	1	2077.966	0.05	Midgut	2L:+:35559843-35559893	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_22513	SDEFFQFFQFLTDPPGR	AGAP006643-PA	-	89	2.02E-08	1	2077.968	1.11	Malpighian tubule	2L:+:35559843-35559893	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_48281	DSFSGTLLLEHLDLSFNSISSIHPEAFR	AGAP006643-PA	-	197	2.22E-19	1	3132.565	0.26	Malpighian tubule	2L:+:35559279-35559362	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_54832	LQQDAPQNAPDAR	AGAP006643-PA	-	61	1.31E-05	2	1423.700	5.61	Malpighian tubule	2L:+:35560311-35560349	exon=> In CDS Exon 4 of transcript AGAP006643-PA
JHU_Ag_63146	LSGNPIISMSDMQSTTLK	AGAP006643-PA	M12(Oxidation),"M9(Oxidation), M12(Oxidation)"	62	8.65E-06	1	1954.945	-0.57	Midgut	2L:+:35558967-35559020	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_68929	ANDLLTHINLSR	AGAP006643-PA	-	74	2.86E-07	1	1366.743	-0.68	Malpighian tubule	2L:+:35559435-35559470	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_70544	VSGSEVIQGLR	AGAP006643-PA	-	67	2.86E-06	2	1144.633	1.18	Malpighian tubule	2L:+:35558916-35558948	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_72192	ANDLLTHINLSR	AGAP006643-PA	-	81	6.14E-08	1	1366.745	0.74	Midgut	2L:+:35559435-35559470	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_83244	TLDLSFNMISR	AGAP006643-PA	M8(Oxidation)	61	1.14E-05	2	1312.655	-0.9	Midgut	2L:+:35559381-35559413	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_84017	LSLVLPHEDTPVQSASLR	AGAP006643-PA	-	121	5.43E-12	1	1962.070	2.04	Malpighian tubule	2L:+:35559120-35559173	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_88742	YLDLSECK	AGAP006643-PA	C7(Carbamidomethyl)	42	0.000465034	2	1027.475	-1.2	Malpighian tubule	2L:+:35558883-35558906	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_110521	LSLVLPHEDTPVQSASLR	AGAP006643-PA	-	94	2.93E-09	1	1962.064	-0.67	Midgut	2L:+:35559120-35559173	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_112692	LHYLDLSANAITQLR	AGAP006643-PA	-	41	0.000555471	1	1727.946	1.05	Malpighian tubule	2L:+:35558640-35558684	exon=> In CDS Exon 2 of transcript AGAP006643-PA
JHU_Ag_117053	DDDDIEEEER	AGAP006643-PA	-	61	5.62E-07	2	1264.481	0.11	Midgut	2L:+:35560494-35560523	exon=> In CDS Exon 4 of transcript AGAP006643-PA

JHU_Ag_50847	RYSPIYVPTSPK	AGAP006644-PA	-	44	0.000377792	1	1407.761	-1.65	Head	2L:-:35564413-35564378	exon=> In CDS Exon 1 of transcript AGAP006644-PA
JHU_Ag_69806	TPILVTR	AGAP006644-PA	-	39	0.000767788	2	799.505	2.21	Malpighian tubule	2L:-:35564299-35564279	exon=> In CDS Exon 1 of transcript AGAP006644-PA
JHU_Ag_96816	RYSPIYVPTSPK	AGAP006644-PA	-	37	0.001767141	1	1407.765	1.47	Malpighian tubule	2L:-:35564413-35564378	exon=> In CDS Exon 1 of transcript AGAP006644-PA
JHU_Ag_22768	LFHPLQYLSELDVSDCDLR	AGAP006645-PA,AGAP006645-PD	C16(Carbamidomethyl)	66	4.03E-06	1	2320.136	3.63	Malpighian tubule	2L:+:35650030-35650086;2L:+:35650030-35650086	exon=> In CDS Exon 7 of transcript AGAP006645-PA;exon=> In CDS Exon 7 of transcript AGAP006645-PD
JHU_Ag_56346	IGLSHVVSIK	AGAP006645-PA,AGAP006645-PD	-	29	0.002291026	1	1052.644	-2.26	Midgut	2L:+:35648856-35648885;2L:+:35648856-35648885	exon=> In CDS Exon 6 of transcript AGAP006645-PA;exon=> In CDS Exon 6 of transcript AGAP006645-PD
JHU_Ag_83754	LPTLIDWLQK	AGAP006645-PA,AGAP006645-PD	-	38	0.000688268	2	1226.721	4.99	Larva	2L:+:35650261-35650290;2L:+:35650261-35650290	exon=> In CDS Exon 7 of transcript AGAP006645-PA;exon=> In CDS Exon 7 of transcript AGAP006645-PD
JHU_Ag_86587	LQELQPNAFNELK	AGAP006645-PA,AGAP006645-PD	-	57	2.92E-05	1	1543.815	1.91	Midgut	2L:+:35649141-35649179;2L:+:35649141-35649179	exon=> In CDS Exon 6 of transcript AGAP006645-PA;exon=> In CDS Exon 6 of transcript AGAP006645-PD
JHU_Ag_103980	LFHPLQYLSELDVSDCDLR	AGAP006645-PA,AGAP006645-PD	C16(Carbamidomethyl)	71	1.22E-06	2	2320.142	6.14	Midgut	2L:+:35650030-35650086;2L:+:35650030-35650086	exon=> In CDS Exon 7 of transcript AGAP006645-PA;exon=> In CDS Exon 7 of transcript AGAP006645-PD
JHU_Ag_115986	ITNNVDFVTADLQK	AGAP006645-PA,AGAP006645-PD	-	113	6.90E-11	1	1577.820	1.57	Midgut	2L:+:35649354-35649395;2L:+:35649354-35649395	exon=> In CDS Exon 6 of transcript AGAP006645-PA;exon=> In CDS Exon 6 of transcript AGAP006645-PD
JHU_Ag_1700	AGIEPVLFDAVR	AGAP006646-PA	-	59	1.32E-05	1	1286.715	3.31	Malpighian tubule	2L:+:35654480-35654515	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_14074	ALRPILGLVDPLHTLSQPEK	AGAP006646-PA	-	46	2.79E-05	1	2197.270	-0.01	Head	2L:+:35654825-35654884	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_20487	FALQTISR	AGAP006646-PA	-	48	0.000161225	2	935.530	-0.65	Male reproductive organs	2L:+:35655035-35655058	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_22252	FALQTISR	AGAP006646-PA	-	44	0.000323551	2	935.532	1.04	Salivary gland	2L:+:35655035-35655058	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_28181	NVLQLPSVK	AGAP006646-PA	-	42	0.000221468	1	997.605	0.44	Malpighian tubule	2L:+:35654429-35654455	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_39498	IENGLSALGFNYSDIPALVK	AGAP006646-PA	-	89	1.12E-08	1	2121.124	0.51	Malpighian tubule	2L:+:35655507-35655566	exon=> In CDS Exon 4 of transcript AGAP006646-PA
JHU_Ag_56386	VEPTNESLQTAIDFAR	AGAP006646-PA	-	123	8.73E-12	1	1790.891	-0.81	Malpighian tubule	2L:+:35654516-35654563	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_57897	VGLDAIVR	AGAP006646-PA	-	59	1.25E-05	2	842.509	-0.11	Ovary	2L:+:35654456-35654479	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_74178	ELGHDLQNLGAK	AGAP006646-PA	-	55	4.17E-05	1	1294.677	1.54	Malpighian tubule	2L:+:35654369-35654404	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_77191	AGIEPVLFDAVR	AGAP006646-PA	-	54	5.50E-05	2	1286.710	-0.11	Ovary	2L:+:35654480-35654515	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_80191	FALQTISR	AGAP006646-PA	-	55	3.38E-05	1	935.530	-1.44	Malpighian tubule	2L:+:35655035-35655058	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_81234	ALRPILGLVDPLHTLSQPEK	AGAP006646-PA	-	46	2.65E-05	1	2197.278	3.55	Ovary	2L:+:35654825-35654884	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_93264	HLEAAGILGADVAK	AGAP006646-PA	-	64	3.18E-06	2	1364.756	1.72	Malpighian tubule	2L:+:35655320-35655361	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_109757	VGLDAIVR	AGAP006646-PA	-	62	6.83E-06	2	842.510	1.05	Malpighian tubule	2L:+:35654456-35654479	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_110210	VEPTNESLQTAIDFAR	AGAP006646-PA	-	56	4.14E-05	2	1790.898	3.21	Ovary	2L:+:35654516-35654563	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_110318	VAAYCGFDVFCHALESFTAIPYTER	AGAP006646-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	44	0.000490059	1	2924.347	2.85	Malpighian tubule	2L:+:35654885-35654959	exon=> In CDS Exon 3 of transcript AGAP006646-PA

JHU_Ag_114455	ALRPILGLVDPLHTLSQPEK	AGAP006646-PA	-	116	2.88E-12	1	2197.270	-0.36	Malpighian tubule	2L:+:35654825-35654884	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_115095	LRPPYQGSNPISDVWAR	AGAP006646-PA	-	50	0.000127823	1	1956.015	3.12	Malpighian tubule	2L:+:35654984-35655034	exon=> In CDS Exon 3 of transcript AGAP006646-PA
JHU_Ag_25426	EIPQTLK	AGAP006647-PA	Q4(Deamidated)	37	0.003201233	1	829.466	-0.57	Midgut	2L:+:35660984-35661004	exon=> In CDS Exon 1 of transcript AGAP006647-PA
JHU_Ag_48517	NLYVSHNTLSK	AGAP006647-PA,AGAP006647-PB	-	60	1.97E-05	1	1275.665	-2.94	Head	2L:+:35662508-35662540;2L:+:35662508-35662540	exon=> In CDS Exon 3 of transcript AGAP006647-PA;exon=> In CDS Exon 3 of transcript AGAP006647-PB
JHU_Ag_1171	ELLLVK	AGAP006648-PA	-	34	0.000705422	1	714.476	-0.21	Midgut	2L:+:35664321-35664338	exon=> In CDS Exon 1 of transcript AGAP006648-PA
JHU_Ag_34450	DLETIIAEYK	AGAP006648-PA	-	62	6.93E-06	2	1194.630	3.88	Malpighian tubule	2L:+:35664771-35664800	exon=> In CDS Exon 1 of transcript AGAP006648-PA
JHU_Ag_48534	RDLETIIAEYK	AGAP006648-PA	-	47	0.000172358	2	1350.726	-0.3	Head	2L:+:35664768-35664800	exon=> In CDS Exon 1 of transcript AGAP006648-PA
JHU_Ag_93929	DLETIIAEYK	AGAP006648-PA	-	50	0.000123928	2	1194.626	0.31	Salivary gland	2L:+:35664771-35664800	exon=> In CDS Exon 1 of transcript AGAP006648-PA
JHU_Ag_68119	DKAASGSVSEQPTTSK	AGAP006649-PA	-	36	0.003985429	1	1592.793	10.19	Head	2L:-:35667667-35667620	exon=> In CDS Exon 2 of transcript AGAP006649-PA
JHU_Ag_30468	DLTLLEADCQLLGLISSPATR	AGAP006650-PA	C9(Carbamidomethyl)	83	4.69E-08	1	2286.206	2.3	Ovary	2L:+:35671954-35672016	exon=> In CDS Exon 3 of transcript AGAP006650-PA
JHU_Ag_6568	LNDEMIEFIK	AGAP006652-PA	M5(Oxidation)	48	0.00023166	2	1267.623	-0.95	Male reproductive organs	2L:+:35691168-35691188,35691321-35691329	exon=> In CDS Exon 5 and 6 of transcript AGAP006652-PA
JHU_Ag_15782	VPYLLYYR	AGAP006652-PA	-	54	4.07E-05	1	1086.599	0.39	Male reproductive organs	2L:+:35692965-35692988	exon=> In CDS Exon 9 of transcript AGAP006652-PA
JHU_Ag_37000	YDDSIVKPVPEYNVLRPR	AGAP006652-PA	-	92	5.76E-09	1	2160.147	0.99	Male reproductive organs	2L:+:35692902-35692955	exon=> In CDS Exon 9 of transcript AGAP006652-PA
JHU_Ag_44042	SPISDIFR	AGAP006652-PA	-	48	0.000268701	2	934.499	-0.31	Male reproductive organs	2L:+:35691943-35691966	exon=> In CDS Exon 7 of transcript AGAP006652-PA
JHU_Ag_63110	NHQTPATPAVPMSYSSAAASTPASGTTGGSTPTSANAAR	AGAP006652-PA	M12(Oxidation)	40	0.001128217	1	3689.729	5.3	Head	2L:+:35689880-35689996	exon=> In CDS Exon 3 of transcript AGAP006652-PA
JHU_Ag_65668	GGGGGAGGSAGSVAAGADGVGR	AGAP006652-PA	-	91	9.73E-09	2	1644.768	-0.06	Male reproductive organs	2L:+:35686137-35686202	exon=> In CDS Exon 2 of transcript AGAP006652-PA
JHU_Ag_79308	GAANATAASASTAGDQKDEFSLK	AGAP006652-PA	-	59	1.95E-05	1	2211.054	0.67	Male reproductive organs	2L:+:35690030-35690098	exon=> In CDS Exon 3 of transcript AGAP006652-PA
JHU_Ag_81074	YDDSIVKPVPEYNVLRPR	AGAP006652-PA	-	75	3.49E-07	1	2160.142	-1.21	Malpighian tubule	2L:+:35692902-35692955	exon=> In CDS Exon 9 of transcript AGAP006652-PA
JHU_Ag_82451	YDDSIVKPVPEYNVLRPR	AGAP006652-PA	-	74	3.91E-07	1	2160.151	2.69	Ovary	2L:+:35692902-35692955	exon=> In CDS Exon 9 of transcript AGAP006652-PA
JHU_Ag_108303	SDIFQIEGR	AGAP006652-PA	-	56	4.46E-05	2	1064.537	0.12	Male reproductive organs	2L:+:35691099-35691125	exon=> In CDS Exon 5 of transcript AGAP006652-PA
JHU_Ag_116202	EALEQLVGRDELEGVTCSK	AGAP006652-PA	C17(Carbamidomethyl)	46	0.000329486	2	2133.062	5.97	Ovary	2L:+:35692466-35692522	exon=> In CDS Exon 8 of transcript AGAP006652-PA
JHU_Ag_116783	YDDSIVKPVPEYNVLRPR	AGAP006652-PA	-	61	7.18E-06	1	2160.144	-0.36	Head	2L:+:35692902-35692955	exon=> In CDS Exon 9 of transcript AGAP006652-PA
JHU_Ag_30069	TSDEVLHILGNILGALQR	AGAP006653-PA,AGAP006653-PB	-	49	4.73E-05	1	1949.086	2.24	Malpighian tubule	2L:+:35708182-35708235;2L:+:35708182-35708235	exon=> In CDS Exon 4 of transcript AGAP006653-PA;exon=> In CDS Exon 3 of transcript AGAP006653-PB
JHU_Ag_11243	TSITQDYPWK	AGAP006653-PB,AGAP006653-PA	-	60	1.71E-05	2	1238.605	-0.15	Head	2L:+:35708068-35708097;2L:+:35708068-35708097	exon=> In CDS Exon 3 of transcript AGAP006653-PB;exon=> In CDS Exon 4 of transcript AGAP006653-PA
JHU_Ag_55734	TSITQDYPWK	AGAP006653-PB,AGAP006653-PA	-	62	1.00E-05	1	1238.603	-1.72	Midgut	2L:+:35708068-35708097;2L:+:35708068-35708097	exon=> In CDS Exon 3 of transcript AGAP006653-PB;exon=> In CDS Exon 4 of transcript AGAP006653-PA

JHU_Ag_87946	FVLTAAPEQLK	AGAP006653-PB,AGAP006653-PA	-	35	0.002085399	2	1216.691	-1.81	Head	2L:+:35707866-35707898;2L:+:35707866-35707898	exon=> In CDS Exon 2 of transcript AGAP006653-PB;exon=> In CDS Exon 3 of transcript AGAP006653-PA
JHU_Ag_7900	IFVGGLSAPTTLEDVK	AGAP006656-PB,AGAP006656-PA	-	70	6.12E-07	1	1646.904	2.31	Head	2L:-:36013635-36013588;2L:-:36013635-36013588	exon=> In CDS Exon 4 of transcript AGAP006656-PB;exon=> In CDS Exon 4 of transcript AGAP006656-PA
JHU_Ag_21188	IFVGGLSAPTTLEDVK	AGAP006656-PB,AGAP006656-PA	-	55	2.09E-05	1	1646.908	4.83	Salivary gland	2L:-:36013635-36013588;2L:-:36013635-36013588	exon=> In CDS Exon 4 of transcript AGAP006656-PB;exon=> In CDS Exon 4 of transcript AGAP006656-PA
JHU_Ag_97189	VCEIHFHEINNK	AGAP006656-PB,AGAP006656-PA	C2(Carbamidomethyl)	81	1.09E-07	1	1539.734	-1.89	Head	2L:-:35849618-35849583;2L:-:35849618-35849583	exon=> In CDS Exon 6 of transcript AGAP006656-PB;exon=> In CDS Exon 6 of transcript AGAP006656-PA
JHU_Ag_16521	LLVALFTDVQK	AGAP006659-PA	-	57	5.56E-06	2	1246.743	1.69	Ovary	2L:-:36423768-36423736	exon=> In CDS Exon 1 of transcript AGAP006659-PA
JHU_Ag_93937	KLPVIPSVEDLQQGIAR	AGAP006659-PA	-	57	3.47E-06	1	1863.072	0.88	Ovary	2L:-:36424218-36424168	exon=> In CDS Exon 1 of transcript AGAP006659-PA
JHU_Ag_117154	VLNLPNNQATIYEFGSIK	AGAP006659-PA	-	55	2.35E-05	2	2021.076	2.69	Ovary	2L:-:36424671-36424618	exon=> In CDS Exon 1 of transcript AGAP006659-PA
JHU_Ag_1807	AEGGFVWACK	AGAP006660-PA	C9(Carbamidomethyl)	55	3.23E-05	2	1124.520	0.26	Salivary gland	2L:-:36426540-36426511	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_2143	VCIDTIESGFMTK	AGAP006660-PA	C2(Carbamidomethyl), M11(Oxidation)	56	2.41E-05	1	1516.705	1.56	Ovary	2L:-:36426237-36426199	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_2498	LVPGWEKPIIIGR	AGAP006660-PA	-	47	2.44E-05	1	1477.890	0.86	Pupa	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_3271	LILPFLDIELHTYDLGIEHR	AGAP006660-PA	-	83	2.59E-08	1	2407.305	1.34	Ovary	2L:-:36427230-36427171	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_7181	QFEALGIWYEHR	AGAP006660-PA	-	42	0.001017486	3	1548.758	-1.15	Head	2L:-:36426609-36426574	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_7463	LVPGWEKPIIIGR	AGAP006660-PA	-	63	5.73E-07	1	1477.889	0.12	Male reproductive organs	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_7816	FAETLEKVCIDTIESGFMTK	AGAP006660-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), M18(Oxidation)"	122	9.34E-12	1	2319.135	4.28	Malpighian tubule	2L:-:36426258-36426199	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_8290	FAETLEK	AGAP006660-PA	-	35	0.004177141	1	837.436	0.8	Ovary	2L:-:36426258-36426238	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_11433	DATNDQVTIDCAEAVK	AGAP006660-PA	C11(Carbamidomethyl),"Q6(Deamidated), C11(Carbamidomethyl)"	107	2.03E-10	2	1750.788	4.6	Head	2L:-:36427170-36427123	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_13290	AGPVVDILGDEMTR	AGAP006660-PA	M12(Oxidation)	113	7.52E-11	1	1488.740	2.47	Malpighian tubule	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_13785	LGENLQAALTQSR	AGAP006660-PA	-	97	2.68E-09	2	1400.752	2.12	Ovary	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_14865	AGPVVDILGDEMTR	AGAP006660-PA	-	123	8.07E-12	1	1472.743	0.86	Visceras	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_15993	KFPLYLSTK	AGAP006660-PA	-	51	2.41E-05	2	1096.640	-0.29	Male reproductive organs	2L:-:36426711-36426685	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_16200	QHQQGKETSTNPIASIFAWTR	AGAP006660-PA	-	73	6.73E-07	1	2400.211	2.15	Malpighian tubule	2L:-:36426369-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_16561	ATDFVVPVPGK	AGAP006660-PA	-	58	2.34E-05	2	1129.625	-0.07	Male reproductive organs	2L:-:36426897-36426865	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_19548	AEGGFVWACK	AGAP006660-PA	C9(Carbamidomethyl)	45	0.000363206	2	1124.519	-0.5	Midgut	2L:-:36426540-36426511	exon=> In CDS Exon 1 of transcript AGAP006660-PA

JHU_Ag_19639	LGENLQAALTQSR	AGAP006660-PA	-	104	5.26E-10	1	1400.748	-0.85	Pupa	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_20072	QFEALGIWYEHR	AGAP006660-PA	-	58	2.44E-05	2	1548.767	4.97	Salivary gland	2L:-:36426609-36426574	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_21423	LGENLQAALTQSR	AGAP006660-PA	-	74	4.81E-07	2	1400.752	1.59	Visceras	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_25096	SAGVAMGMYNLDDSICDFAHSSFK	AGAP006660-PA	M6(Oxidation), M8(Oxidation), C16(Carbamidomethyl)	58	9.80E-06	1	2655.146	11.42	Malpighian tubule	2L:-:36426798-36426727	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_26261	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	119	1.77E-11	1	2017.941	0.86	Pupa	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_26500	RFAETLEK	AGAP006660-PA	-	34	0.005163442	1	993.532	-4.34	Head	2L:-:36426261-36426238	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_27342	LVPGWEKPIIIGR	AGAP006660-PA	-	55	3.55E-06	1	1477.890	0.78	Head	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_27350	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	93	8.00E-09	1	2017.937	-1.14	Male reproductive organs	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_28737	DATNDQVTIDCAEAVK	AGAP006660-PA	C11(Carbamidomethyl)	84	4.63E-08	1	1749.796	-0.27	Male reproductive organs	2L:-:36427170-36427123	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_31461	DATNDQVTIDCAEAVKR	AGAP006660-PA	C11(Carbamidomethyl)	82	8.35E-08	1	1905.898	0.69	Malpighian tubule	2L:-:36427170-36427120	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_31660	DIFQEIYDK	AGAP006660-PA	-	55	3.11E-05	1	1170.569	0.82	Midgut	2L:-:36426648-36426622	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_32981	KFPLYLSTK	AGAP006660-PA	-	32	0.001864292	1	1096.641	0.82	Salivary gland	2L:-:36426711-36426685	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_34966	TDYMETFEFMNK	AGAP006660-PA	M10(Oxidation),M4(Oxidation),"M4(Oxidation), M10(Oxidation)"	83	1.52E-08	2	1555.646	0.81	Midgut	2L:-:36426156-36426121	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_35100	LGENLQAALTQSR	AGAP006660-PA	-	100	1.28E-09	2	1400.751	1.33	Malpighian tubule	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_35139	DLAICIK	AGAP006660-PA	C5(Carbamidomethyl)	44	0.000698103	1	832.463	3.41	Male reproductive organs	2L:-:36426198-36426178	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_35299	VCIDTIESGFMTK	AGAP006660-PA	C2(Carbamidomethyl), M11(Oxidation)	76	2.45E-07	1	1516.711	5.67	Salivary gland	2L:-:36426237-36426199	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_35334	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	124	6.46E-12	1	2017.941	0.92	Visceras	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_37053	RTDYMETFEFMNK	AGAP006660-PA	M5(Oxidation), M11(Oxidation)	52	3.48E-05	1	1743.735	-0.02	Malpighian tubule	2L:-:36426159-36426121	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_37303	VCIDTIESGFMTK	AGAP006660-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M11(Oxidation)"	132	5.98E-13	1	1516.704	0.84	Malpighian tubule	2L:-:36426237-36426199	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_37327	FAETLEK	AGAP006660-PA	-	42	0.000783212	1	837.436	0.93	Malpighian tubule	2L:-:36426258-36426238	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_37994	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	117	3.24E-11	1	2017.941	0.98	Ovary	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_38131	SAGVAMGMYNLDDSICDFAHSSFK	AGAP006660-PA	M6(Oxidation), M8(Oxidation), C16(Carbamidomethyl)	38	0.000724599	1	2655.115	-0.37	Midgut	2L:-:36426798-36426727	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_38618	ATDFVVPVPGK	AGAP006660-PA	-	59	1.94E-05	2	1129.625	-0.4	Pupa	2L:-:36426897-36426865	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_38891	VCIDTIESGFMTK	AGAP006660-PA	C2(Carbamidomethyl), M11(Oxidation)	85	3.04E-08	1	1516.704	1.16	Male reproductive organs	2L:-:36426237-36426199	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_39032	ATDFVVPVPGK	AGAP006660-PA	-	53	6.95E-05	2	1129.624	-0.72	Ovary	2L:-:36426897-36426865	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_39406	ETSTNPIASIFAWTR	AGAP006660-PA	-	38	0.002354169	2	1693.866	6.74	Malpighian tubule	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA

JHU_Ag_41877	KFPLYLSTK	AGAP006660-PA	-	51	2.49E-05	2	1096.640	0.04	Malpighian tubule	2L:-:36426711-36426685	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_43255	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	119	1.97E-11	1	2017.938	-0.59	Head	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_43999	KFPLYLSTK	AGAP006660-PA	-	53	1.57E-05	1	1096.640	0.26	Pupa	2L:-:36426711-36426685	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_44235	ETSTNPIASIFAWTR	AGAP006660-PA	-	77	3.12E-07	2	1693.850	-2.56	Midgut	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_44284	ETSTNPIASIFAWTR	AGAP006660-PA	-	110	1.68E-10	1	1693.859	2.7	Head	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_44342	DATNDQVTIDCAEAVK	AGAP006660-PA	C11(Carbamidomethyl)	79	1.78E-07	1	1749.802	3.5	Salivary gland	2L:-:36427170-36427123	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_44350	LGENLQAALTQSR	AGAP006660-PA	-	82	7.86E-08	2	1400.749	-0.32	Midgut	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_44986	DATNDQVTIDCAEAVKR	AGAP006660-PA	C11(Carbamidomethyl)	94	5.37E-09	1	1905.900	1.26	Ovary	2L:-:36427170-36427120	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_45865	RYNVGIK	AGAP006660-PA	-	30	0.006627237	2	849.492	-2.24	Head	2L:-:36427122-36427102	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_45922	AEGGFVWACK	AGAP006660-PA	C9(Carbamidomethyl)	45	0.000365358	1	1124.517	-2.28	Head	2L:-:36426540-36426511	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_48795	LVPGWEKPIIIGR	AGAP006660-PA	-	59	1.72E-06	1	1477.893	3.01	Malpighian tubule	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_51588	LVPGWEKPIIIGR	AGAP006660-PA	-	41	8.61E-05	1	1477.897	5.08	Larva	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_52145	QHQQGKETSTNPIASIFAWTR	AGAP006660-PA	-	57	3.04E-05	1	2400.214	3.52	Ovary	2L:-:36426369-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_52957	VCIDTIESGFMTK	AGAP006660-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M11(Oxidation)"	119	1.21E-11	1	1516.702	0.11	Midgut	2L:-:36426237-36426199	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_53013	ATDFVVPVPGK	AGAP006660-PA	-	52	8.99E-05	2	1129.626	0.25	Salivary gland	2L:-:36426897-36426865	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_53410	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	117	2.77E-11	1	2017.940	0.68	Malpighian tubule	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_54509	AGPVVDILGDEMTR	AGAP006660-PA	M12(Oxidation)	73	8.26E-07	2	1472.741	-0.05	Pupa	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_54581	ETSTNPIASIFAWTR	AGAP006660-PA	-	46	0.000441468	2	1693.864	5.58	Pupa	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_55068	LILPFLDIELHTYDLGIEHR	AGAP006660-PA	-	71	4.01E-07	1	2407.301	-0.39	Malpighian tubule	2L:-:36427230-36427171	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_56076	DLAICIK	AGAP006660-PA	C5(Carbamidomethyl)	44	0.000709187	1	832.459	-0.84	Midgut	2L:-:36426198-36426178	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_56859	FPLYLSTK	AGAP006660-PA	-	34	0.002087823	2	968.547	1.62	Malpighian tubule	2L:-:36426708-36426685	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_57724	DATNDQVTIDCAEAVKR	AGAP006660-PA	C11(Carbamidomethyl)	68	2.30E-06	1	1905.898	0.39	Salivary gland	2L:-:36427170-36427120	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_59069	DATNDQVTIDCAEAVKR	AGAP006660-PA	C11(Carbamidomethyl)	88	2.08E-08	1	1905.897	0.05	Male reproductive organs	2L:-:36427170-36427120	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_59985	DIFQEIYDKDYK	AGAP006660-PA	-	57	2.83E-05	2	1576.751	-1.42	Midgut	2L:-:36426648-36426613	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_60082	ATDFVVPVPGKLEMK	AGAP006660-PA	M14(Oxidation)	73	5.08E-07	1	1630.890	1.37	Malpighian tubule	2L:-:36426897-36426853	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_65471	AGPVVDILGDEMTR	AGAP006660-PA	M12(Oxidation)	91	1.23E-08	1	1488.742	4.11	Male reproductive organs	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_65769	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	143	8.61E-14	1	2017.940	0.62	Salivary gland	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA

JHU_Ag_65934	ATDFVVPVPGK	AGAP006660-PA	-	70	1.41E-06	1	1129.627	1.76	Malpighian tubule	2L:-:36426897-36426865	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_68881	AGPVVDILGDEMTR	AGAP006660-PA	M12(Oxidation)	106	3.81E-10	1	1472.746	2.94	Salivary gland	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_69229	ATDFVVPVPGK	AGAP006660-PA	-	53	8.61E-05	2	1129.625	-0.29	Midgut	2L:-:36426897-36426865	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_70555	RTDYMETFEFMNK	AGAP006660-PA	M11(Oxidation),"M5(Oxidation), M11(Oxidation)"	56	1.16E-05	1	1743.730	-3.34	Head	2L:-:36426159-36426121	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_71104	ETSTNPIASIFAWTR	AGAP006660-PA	-	80	1.56E-07	1	1693.861	3.93	Ovary	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_71173	LVPGWEKPIIIGR	AGAP006660-PA	-	58	2.12E-06	2	1477.890	0.78	Visceras	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_71656	AEGGFVWACK	AGAP006660-PA	C9(Carbamidomethyl)	55	3.34E-05	2	1124.518	-1.04	Male reproductive organs	2L:-:36426540-36426511	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_73297	NILGGTVFREAIICK	AGAP006660-PA	C14(Carbamidomethyl)	69	7.65E-07	1	1690.936	2.8	Malpighian tubule	2L:-:36427017-36426973	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_73469	VCIDTIESGFMTK	AGAP006660-PA	C2(Carbamidomethyl)	63	6.13E-06	2	1500.710	2.01	Head	2L:-:36426237-36426199	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_74392	ETSTNPIASIFAWTR	AGAP006660-PA	-	100	1.63E-09	1	1693.859	2.63	Visceras	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_75121	FAETLEK	AGAP006660-PA	-	43	0.000640227	1	837.435	-0.09	Midgut	2L:-:36426258-36426238	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_75222	TDYMETFEFMNK	AGAP006660-PA	M4(Oxidation), M10(Oxidation)	54	6.54E-06	2	1587.632	-1.18	Male reproductive organs	2L:-:36426156-36426121	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_76389	ETSTNPIASIFAWTR	AGAP006660-PA	-	105	5.00E-10	1	1693.857	1.55	Male reproductive organs	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_77474	DATNDQVTIDCAEAVKR	AGAP006660-PA	C11(Carbamidomethyl)	84	5.15E-08	2	1905.910	6.84	Midgut	2L:-:36427170-36427120	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_79503	DATNDQVTIDCAEAVK	AGAP006660-PA	C11(Carbamidomethyl)	81	1.06E-07	2	1749.800	2.31	Pupa	2L:-:36427170-36427123	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_82324	LVPGWEKPIIIGR	AGAP006660-PA	-	61	9.77E-07	2	1477.888	-0.71	Midgut	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_83942	LIDDMVAYCMK	AGAP006660-PA	C9(Carbamidomethyl)	61	5.91E-06	2	1358.616	0.75	Malpighian tubule	2L:-:36426573-36426541	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_83997	QFEALGIWYEHR	AGAP006660-PA	-	74	7.04E-07	1	1548.757	-1.27	Pupa	2L:-:36426609-36426574	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_86661	ATDFVVPVPGKLEMK	AGAP006660-PA	M14(Oxidation)	41	0.000770256	1	1646.890	4.4	Salivary gland	2L:-:36426897-36426853	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_87036	NTILKK	AGAP006660-PA	-	32	0.001823784	1	716.467	0.44	Salivary gland	2L:-:36426684-36426667	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_87424	DATNDQVTIDCAEAVKR	AGAP006660-PA	C11(Carbamidomethyl)	70	1.50E-06	1	1905.899	0.94	Pupa	2L:-:36427170-36427120	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_90035	QFEALGIWYEHR	AGAP006660-PA	-	47	0.000365855	1	1548.767	4.65	Ovary	2L:-:36426609-36426574	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_92102	AGPVVDILGDEMTR	AGAP006660-PA	-	108	2.60E-10	1	1472.742	0.53	Head	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_92377	TDYMETFEFMNK	AGAP006660-PA	M4(Oxidation), M10(Oxidation)	61	1.77E-06	1	1587.638	2.13	Salivary gland	2L:-:36426156-36426121	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_92882	TDYMETFEFMNK	AGAP006660-PA	M4(Oxidation), M10(Oxidation)	57	3.85E-06	1	1587.635	0.74	Malpighian tubule	2L:-:36426156-36426121	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_92948	LVPGWEKPIIIGR	AGAP006660-PA	-	54	5.41E-06	1	1477.894	3.34	Ovary	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_93056	DATNDQVTIDCAEAVK	AGAP006660-PA	C11(Carbamidomethyl)	110	1.48E-10	1	1749.803	4.19	Midgut	2L:-:36427170-36427123	exon=> In CDS Exon 1 of transcript AGAP006660-PA

JHU_Ag_94246	RTDYMETFEFMNK	AGAP006660-PA	M5(Oxidation),M11(Oxidation),"M5(Oxidation), M11(Oxidation)"	52	3.59E-05	2	1727.738	-1.58	Midgut	2L:-:36426159-36426121	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_95339	DATNDQVTIDCAEAVKR	AGAP006660-PA	C11(Carbamidomethyl)	121	1.15E-11	1	1905.897	-0.02	Visceras	2L:-:36427170-36427120	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_95498	LGENLQAALTQSR	AGAP006660-PA	-	100	1.30E-09	2	1400.751	0.98	Salivary gland	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_97523	LVPGWEKPIIIGR	AGAP006660-PA	-	68	1.99E-07	1	1477.895	4.17	Salivary gland	2L:-:36426960-36426922	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_98183	KQFEALGIWYEHR	AGAP006660-PA	-	38	0.002667596	3	1676.855	0.11	Pupa	2L:-:36426612-36426574	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_98868	LIDDMVAYCMK	AGAP006660-PA	C9(Carbamidomethyl),"M5(Oxidation), C9(Carbamidomethyl)","C9(Carbamidomethyl), M10(Oxidation)","M5(Oxidation), C9(Carbamidomethyl), M10(Oxidation)"	67	1.64E-06	2	1358.615	-0.6	Midgut	2L:-:36426573-36426541	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_99135	AGPVVDILGDEMTR	AGAP006660-PA	M12(Oxidation)	119	1.80E-11	1	1472.742	0.2	Midgut	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_99424	QFEALGIWYEHR	AGAP006660-PA	-	87	3.17E-08	1	1548.758	-0.71	Midgut	2L:-:36426609-36426574	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_100250	FAETLEK	AGAP006660-PA	-	43	0.000721007	1	837.434	-1.47	Pupa	2L:-:36426258-36426238	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_100356	SAGVAMGMYNLDDSICDFAHSSFK	AGAP006660-PA	M6(Oxidation), M8(Oxidation), C16(Carbamidomethyl)	48	8.20E-05	1	2655.129	4.73	Ovary	2L:-:36426798-36426727	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_100924	SAGVAMGMYNLDDSICDFAHSSFK	AGAP006660-PA	M6(Oxidation), M8(Oxidation), C16(Carbamidomethyl)	57	9.24E-06	1	2655.120	1.29	Male reproductive organs	2L:-:36426798-36426727	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_102571	ATDFVVPVPGKLEMK	AGAP006660-PA	M14(Oxidation)	54	4.92E-05	1	1646.881	-0.82	Male reproductive organs	2L:-:36426897-36426853	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_102911	FTPADGSEPTTYVVNEYK	AGAP006660-PA	-	95	4.84E-09	1	2017.946	3.52	Midgut	2L:-:36426852-36426799	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_103333	KFPLYLSTK	AGAP006660-PA	-	49	4.35E-05	1	1096.643	2.25	Ovary	2L:-:36426711-36426685	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_104301	ETSTNPIASIFAWTR	AGAP006660-PA	-	89	1.77E-08	2	1693.867	7.24	Salivary gland	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_104683	LIDDMVAYCMK	AGAP006660-PA	M5(Oxidation), C9(Carbamidomethyl), M10(Oxidation)	53	3.53E-05	2	1390.605	-0.21	Salivary gland	2L:-:36426573-36426541	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_105041	LGENLQAALTQSR	AGAP006660-PA	-	102	7.65E-10	1	1400.752	1.59	Head	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_106213	LGENLQAALTQSR	AGAP006660-PA	-	107	2.76E-10	1	1400.750	0.2	Male reproductive organs	2L:-:36426120-36426082	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_108327	VALDRK	AGAP006660-PA	-	43	0.00084669	2	701.430	-1.17	Salivary gland	2L:-:36426726-36426709	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_109651	LILPFLDIELHTYDLGIEHR	AGAP006660-PA	-	45	0.00018909	1	2407.300	-0.79	Midgut	2L:-:36427230-36427171	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_111389	ETSTNPIASIFAWTR	AGAP006660-PA	-	64	5.63E-06	1	1693.865	5.94	Larva	2L:-:36426351-36426307	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_114214	DATNDQVTIDCAEAVK	AGAP006660-PA	C11(Carbamidomethyl)	91	1.16E-08	2	1749.810	8.17	Malpighian tubule	2L:-:36427170-36427123	exon=> In CDS Exon 1 of transcript AGAP006660-PA

JHU_Ag_115779	AGPVVDILGDEMTR	AGAP006660-PA	M12(Oxidation)	84	6.57E-08	2	1488.746	6.32	Ovary	2L:-:36427299-36427258	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_115873	IIWDSIKEK	AGAP006660-PA	-	39	0.000977866	1	1131.644	2.93	Ovary	2L:-:36427257-36427231	exon=> In CDS Exon 1 of transcript AGAP006660-PA
JHU_Ag_20142	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	106	2.86E-10	1	1357.673	1.54	Salivary gland	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_29470	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	38	0.001281808	1	976.557	-0.81	Head	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_47457	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	90	1.37E-08	2	1357.671	-0.08	Visceras	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_49682	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	54	3.60E-05	2	976.558	0.43	Midgut	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_50828	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	59	1.01E-05	1	976.559	1.49	Malpighian tubule	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_53008	HAHGDQYK	AGAP006660-PA,AGAP003168-PA	-	51	4.86E-05	1	955.439	0.55	Head	2L:-:36426921-36426898;2R:+:33510957-33510980	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_56570	HAHGDQYK	AGAP006660-PA,AGAP003168-PA	-	50	6.50E-05	1	955.440	1.69	Malpighian tubule	2L:-:36426921-36426898;2R:+:33510957-33510980	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_57360	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	46	0.000234254	2	976.559	1.62	Pupa	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_72213	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	114	4.96E-11	2	1357.674	2.44	Malpighian tubule	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_77674	VEEFKLK	AGAP006660-PA,AGAP003168-PA	-	54	3.07E-05	1	892.513	-0.67	Malpighian tubule	2L:-:36427071-36427051;2R:+:33510807-33510827	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_78458	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	61	4.52E-06	2	976.562	4.18	Salivary gland	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_80106	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	106	2.80E-10	1	1357.673	1.54	Head	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_80361	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	111	1.05E-10	1	1357.677	4.68	Larva	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_89321	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	47	0.000159375	2	976.558	0.62	Male reproductive organs	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_89939	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	39	0.000758842	2	976.561	3.8	Larva	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_91918	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	50	0.000111321	1	1357.672	0.73	Male reproductive organs	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_94325	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	106	2.87E-10	1	1357.672	1.18	Ovary	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA

JHU_Ag_94781	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	90	1.31E-08	2	1357.671	-0.08	Midgut	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_105723	NILGGTVFR	AGAP006660-PA,AGAP003168-PA	-	46	0.000232197	2	976.558	0.49	Ovary	2L:-:36427017-36426991;2R:+:33510861-33510887	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_110149	VEEFKLK	AGAP006660-PA,AGAP003168-PA	-	41	0.00062422	1	892.516	2.88	Ovary	2L:-:36427071-36427051;2R:+:33510807-33510827	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 3 of transcript AGAP003168-PA
JHU_Ag_113662	TVESEAAHGTVTR	AGAP006660-PA,AGAP003168-PA	-	106	2.85E-10	1	1357.672	0.73	Pupa	2L:-:36426417-36426379;2R:+:33511547-33511585	exon=> In CDS Exon 1 of transcript AGAP006660-PA;exon=> In CDS Exon 4 of transcript AGAP003168-PA
JHU_Ag_11836	LQQLQQRR	AGAP006661-PA	Q3(Deamidated)	44	0.000346588	1	1070.620	12.71	Ovary	2L:+:36432157-36432180	exon=> In CDS Exon 2 of transcript AGAP006661-PA
JHU_Ag_63195	TGATAIHVAAAK	AGAP006665-PA,AGAP006665-PB	-	59	8.04E-06	1	1110.628	1.64	Head	2L:+:36485116-36485151;2L:+:36485116-36485151	exon=> In CDS Exon 3 of transcript AGAP006665-PA;exon=> In CDS Exon 3 of transcript AGAP006665-PB
JHU_Ag_40473	VGSTASELDTANQPQDSTR	AGAP006665-PA,AGAP006665-PB,AGAP006665-PC	-	74	5.68E-07	2	1976.916	-0.04	Head	2L:+:36506124-36506180;2L:+:36506124-36506180;2L:+:36506124-36506180	exon=> In CDS Exon 13 of transcript AGAP006665-PA;exon=> In CDS Exon 16 of transcript AGAP006665-PB;exon=> In CDS Exon 2 of transcript AGAP006665-PC
JHU_Ag_33496	IILQAHR	AGAP006666-PA	-	38	0.000837908	1	850.515	-12.1	Visceras	2L:-:36460549-36460529	exon=> In CDS Exon 3 of transcript AGAP006666-PA
JHU_Ag_43528	YVVYVNR	AGAP006667-PA	-	40	0.00070661	2	912.505	12.34	Male reproductive organs	2L:-:36463204-36463184	exon=> In CDS Exon 2 of transcript AGAP006667-PA
JHU_Ag_48048	YVVYVNR	AGAP006667-PA	-	39	0.000797186	2	912.505	11.94	Salivary gland	2L:-:36463204-36463184	exon=> In CDS Exon 2 of transcript AGAP006667-PA
JHU_Ag_53061	YVVYVNR	AGAP006667-PA	-	39	0.000775694	2	912.506	13.01	Visceras	2L:-:36463204-36463184	exon=> In CDS Exon 2 of transcript AGAP006667-PA
JHU_Ag_55691	FFFLDIR	AGAP006667-PA	-	32	0.004902515	1	957.519	0.15	Pupa	2L:-:36463030-36463010	exon=> In CDS Exon 2 of transcript AGAP006667-PA
JHU_Ag_143	IFVGGLTSDISDEEIK	AGAP006668-PA	-	137	2.51E-13	1	1722.886	3.74	Salivary gland	2L:-:36515531-36515484	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_232	IFVGGLTSDISDEEIK	AGAP006668-PA	-	53	6.22E-05	2	1722.891	6.36	Larva	2L:-:36515531-36515484	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_3356	VVAAGEHVLNNK	AGAP006668-PA	-	94	3.33E-09	1	1250.687	1.27	Head	2L:-:36515606-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_7571	LFVGGLSWETTEK	AGAP006668-PA	-	64	4.90E-06	2	1466.761	5.56	Larva	2L:-:36515771-36515733	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_14583	EHFGQYGEIESINVK	AGAP006668-PA	-	88	2.78E-08	2	1749.847	1.39	Pupa	2L:-:36515723-36515679	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_17006	EHFGQYGEIESINVK	AGAP006668-PA	-	92	1.12E-08	2	1749.845	0.55	Salivary gland	2L:-:36515723-36515679	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_37383	IFVGGLTSDISDEEIK	AGAP006668-PA	-	114	5.95E-11	2	1722.884	2.39	Head	2L:-:36515531-36515484	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_39964	EHFGQYGEIESINVK	AGAP006668-PA	-	109	2.53E-10	1	1749.845	0.48	Head	2L:-:36515723-36515679	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_41380	TFFGQFGTIVEVELPFDK	AGAP006668-PA	-	133	8.16E-13	1	2074.041	-6	Ovary	2L:-:36515483-36515430	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_41571	LFVGGLSWETTEK	AGAP006668-PA	-	95	4.25E-09	1	1466.759	4.06	Salivary gland	2L:-:36515771-36515733	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_44998	EHFGQYGEIESINVK	AGAP006668-PA	-	105	5.59E-10	1	1749.846	1.18	Malpighian tubule	2L:-:36515723-36515679	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_49334	VVAAGEHVLNNK	AGAP006668-PA	-	100	8.35E-10	1	1250.688	2.15	Ovary	2L:-:36515606-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA

JHU_Ag_61497	KGFCFITYESVQVVNELLK	AGAP006668-PA	C4(Carbamidomethyl)	86	3.47E-08	1	2274.183	-0.39	Ovary	2L:-:36515414-36515358	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_62849	ASDSIDKVVAAGEHVLNNK	AGAP006668-PA	-	58	2.05E-05	1	1967.028	4.61	Malpighian tubule	2L:-:36515627-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_63673	KLFVGGLSWETTEK	AGAP006668-PA	-	61	7.94E-06	2	1594.856	5.03	Salivary gland	2L:-:36515774-36515733	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_64805	VVAAGEHVLNNK	AGAP006668-PA	-	41	0.000761463	2	1250.688	2.06	Malpighian tubule	2L:-:36515606-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_70892	IFVGGLTSDISDEEIK	AGAP006668-PA	-	129	1.93E-12	1	1722.879	-0.3	Ovary	2L:-:36515531-36515484	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_71166	IFVGGLTSDISDEEIK	AGAP006668-PA	-	109	1.73E-10	1	1722.882	1.54	Pupa	2L:-:36515531-36515484	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_73247	LFVGGLSWETTEKDLR	AGAP006668-PA	-	47	0.000204681	1	1850.965	0.32	Male reproductive organs	2L:-:36515771-36515724	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_79452	ASDSIDKVVAAGEHVLNNK	AGAP006668-PA	-	82	8.26E-08	1	1967.017	-1.32	Ovary	2L:-:36515627-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_87198	LFVGGLSWETTEK	AGAP006668-PA	-	81	1.20E-07	2	1466.755	1.56	Pupa	2L:-:36515771-36515733	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_90064	LFVGGLSWETTEK	AGAP006668-PA	-	75	4.03E-07	1	1466.753	0.48	Ovary	2L:-:36515771-36515733	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_91766	ASDSIDKVVAAGEHVLNNK	AGAP006668-PA	-	95	3.82E-09	1	1967.038	9.73	Salivary gland	2L:-:36515627-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_96895	GFCFITYESVQVVNELLK	AGAP006668-PA	C3(Carbamidomethyl)	111	1.05E-10	1	2146.090	0.56	Ovary	2L:-:36515411-36515358	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_97841	VVAAGEHVLNNK	AGAP006668-PA	-	90	8.94E-09	1	1250.687	1.27	Pupa	2L:-:36515606-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_101674	VVAAGEHVLNNK	AGAP006668-PA	-	82	5.46E-08	1	1250.689	3.13	Male reproductive organs	2L:-:36515606-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_101681	EHFGQYGEIESINVK	AGAP006668-PA	-	40	0.001687166	2	1749.856	6.41	Larva	2L:-:36515723-36515679	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_102402	EHFGQYGEIESINVK	AGAP006668-PA	-	85	5.77E-08	1	1749.849	2.71	Male reproductive organs	2L:-:36515723-36515679	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_102993	IFVGGLTSDISDEEIK	AGAP006668-PA	-	113	6.70E-11	1	1722.881	0.48	Male reproductive organs	2L:-:36515531-36515484	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_103249	VVAAGEHVLNNK	AGAP006668-PA	-	62	6.26E-06	1	1250.685	-0.19	Salivary gland	2L:-:36515606-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_103475	EHFGQYGEIESINVK	AGAP006668-PA	-	114	8.13E-11	1	1749.844	-0.01	Ovary	2L:-:36515723-36515679	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_114221	ASDSIDKVVAAGEHVLNNK	AGAP006668-PA	-	73	6.62E-07	1	1967.017	-1.34	Male reproductive organs	2L:-:36515627-36515571	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_114912	LFVGGLSWETTEK	AGAP006668-PA	-	79	1.47E-07	1	1466.753	0.23	Head	2L:-:36515771-36515733	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_116363	KLFVGGLSWETTEK	AGAP006668-PA	-	65	3.30E-06	1	1594.852	2.51	Male reproductive organs	2L:-:36515774-36515733	exon=> In CDS Exon 1 of transcript AGAP006668-PA
JHU_Ag_627	GFAFIVYK	AGAP006668-PA,AGAP000399-PB,AGAP000399-PA	-	48	0.000223492	2	944.525	1.02	Salivary gland	2L:-:36515651-36515628;X:-:7262059-7262036;X:-:7262059-7262036	exon=> In CDS Exon 1 of transcript AGAP006668-PA;exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_25826	GFAFIVYK	AGAP006668-PA,AGAP000399-PB,AGAP000399-PA	-	50	0.000142319	1	944.525	0.63	Male reproductive organs	2L:-:36515651-36515628;X:-:7262059-7262036;X:-:7262059-7262036	exon=> In CDS Exon 1 of transcript AGAP006668-PA;exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA

JHU_Ag_30785	SRGFAFIVYK	AGAP006668-PA,AGAP000399-PB,AGAP000399-PA	-	43	0.000613212	1	1187.658	0.54	Malpighian tubule	2L:-:36515657-36515628;X:-:7262065-7262036;X:-:7262065-7262036	exon=> In CDS Exon 1 of transcript AGAP006668-PA;exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_81058	GFAFIVYK	AGAP006668-PA,AGAP000399-PB,AGAP000399-PA	-	64	5.71E-06	1	944.523	-1.31	Malpighian tubule	2L:-:36515651-36515628;X:-:7262059-7262036;X:-:7262059-7262036	exon=> In CDS Exon 1 of transcript AGAP006668-PA;exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_87299	GFAFIVYK	AGAP006668-PA,AGAP000399-PB,AGAP000399-PA	-	43	0.000787 52	2	944.526	1.86	Pupa	2L:-:36515651-36515628;X:-:7262059-7262036;X:-:7262059-7262036	exon=> In CDS Exon 1 of transcript AGAP006668-PA;exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_96834	GFAFIVYK	AGAP006668-PA,AGAP000399-PB,AGAP000399-PA	-	64	5.59E-06	1	944.526	1.86	Ovary	2L:-:36515651-36515628;X:-:7262059-7262036;X:-:7262059-7262036	exon=> In CDS Exon 1 of transcript AGAP006668-PA;exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_104838	GFAFIVYK	AGAP006668-PA,AGAP000399-PB,AGAP000399-PA	-	35	0.004635443	1	944.523	-0.91	Head	2L:-:36515651-36515628;X:-:7262059-7262036;X:-:7262059-7262036	exon=> In CDS Exon 1 of transcript AGAP006668-PA;exon=> In CDS Exon 3 of transcript AGAP000399-PB;exon=> In CDS Exon 3 of transcript AGAP000399-PA
JHU_Ag_24625	DRQIMR	AGAP006669-PA	Q3(Deamidated), M5(Oxidation)	33	0.008001399	1	835.407	-2.93	Head	2L:+:36618406-36618423	exon=> In CDS Exon 4 of transcript AGAP006669-PA
JHU_Ag_5115	HVIYNYQPTFTGLQR	AGAP006670-PA	-	38	0.002321243	1	1836.943	2.03	Malpighian tubule	2L:+:36632576-36632620	exon=> In CDS Exon 3 of transcript AGAP006670-PA
JHU_Ag_41599	SYPFYGIQFHPEK	AGAP006670-PA	-	42	0.001109451	1	1612.777	-1.68	Midgut	2L:+:36632324-36632325,36632398-36632434	exon=> In CDS Exon 2 and 3 of transcript AGAP006670-PA
JHU_Ag_114886	SYPFYGIQFHPEK	AGAP006670-PA	-	62	9.32E-06	1	1612.781	1.12	Pupa	2L:+:36632324-36632325,36632398-36632434	exon=> In CDS Exon 2 and 3 of transcript AGAP006670-PA
JHU_Ag_117500	KSDHSFPNEATLEK	AGAP006670-PA	-	68	2.06E-06	1	1602.779	1.99	Malpighian tubule	2L:+:36632534-36632575	exon=> In CDS Exon 3 of transcript AGAP006670-PA
JHU_Ag_7864	SPCNGDSGGPLAVQDGGR	AGAP006674-PA	C3(Carbamidomethyl), N4(Deamidated),C3(Carbamidomethyl)	138	1.17E-13	1	1744.761	3.11	Larva	2L:+:36644055-36644108	exon=> In CDS Exon 1 of transcript AGAP006674-PA
JHU_Ag_8803	TFAGVEGTASGFGR	AGAP006674-PA	-	119	1.46E-11	1	1356.659	3.79	Larva	2L:+:36643872-36643913	exon=> In CDS Exon 1 of transcript AGAP006674-PA
JHU_Ag_24277	IAFAQSGIFVHPSYNPSTIR	AGAP006674-PA	-	130	1.10E-12	1	2205.152	3.15	Larva	2L:+:36643722-36643781	exon=> In CDS Exon 1 of transcript AGAP006674-PA
JHU_Ag_48924	TSDASTATSPVVMFTR	AGAP006674-PA	M13(Oxidation)	83	7.28E-08	1	1686.808	4.59	Larva	2L:+:36643914-36643961	exon=> In CDS Exon 1 of transcript AGAP006674-PA
JHU_Ag_55357	VQPIDLPAR	AGAP006674-PA	-	48	6.32E-05	1	1008.588	3.96	Larva	2L:+:36643833-36643859	exon=> In CDS Exon 1 of transcript AGAP006674-PA
JHU_Ag_83125	DWIQQNSDYVFRP	AGAP006674-PA	N6(Deamidated)	96	4.01E-09	1	1667.788	4.1	Larva	2L:+:36644199-36644237	exon=> In CDS Exon 1 of transcript AGAP006674-PA

JHU_Ag_48230	TFAGMIGTASGFGR	AGAP006675-PA	M5(Oxidation)	87	2.96E-08	1	1388.668	3.85	Larva	2L:+:36647548-36647589	exon=> In CDS Exon 1 of transcript AGAP006675-PA
JHU_Ag_70819	DGVFVHPSYSATLIR	AGAP006675-PA	-	49	0.000183882	1	1661.874	5.38	Larva	2L:+:36647413-36647457	exon=> In CDS Exon 1 of transcript AGAP006675-PA
JHU_Ag_105783	DFIEQNSNYVFR	AGAP006675-PA	N8(Deamidated)	93	6.11E-09	1	1532.710	5.22	Larva	2L:+:36647875-36647910	exon=> In CDS Exon 1 of transcript AGAP006675-PA
JHU_Ag_11221	ITVTDFIIHPQYEAEPDVFDVALVR	AGAP006676-PA	-	148	1.40E-14	1	2887.496	2.83	Larva	2L:+:36652319-36652393	exon=> In CDS Exon 2 of transcript AGAP006676-PA
JHU_Ag_15676	FGEGTANSEVLR	AGAP006676-PA	N7(Deamidated)	92	1.16E-08	1	1279.632	3.69	Larva	2L:+:36652508-36652543	exon=> In CDS Exon 2 of transcript AGAP006676-PA
JHU_Ag_19080	VFGGDIATAGQFPYTVGLITR	AGAP006676-PA	-	153	3.50E-15	1	2183.159	4.28	Larva	2L:+:36652022-36652084	exon=> In CDS Exon 1 of transcript AGAP006676-PA
JHU_Ag_38684	MSSYLTWIGDNSDVEIR	AGAP006676-PA	M1(Oxidation)	126	3.39E-12	1	2001.931	4.32	Larva	2L:+:36652775-36652825	exon=> In CDS Exon 2 of transcript AGAP006676-PA
JHU_Ag_57066	CVSGIQSAVAVLGGLR	AGAP006676-PA	C1(Carbamidomethyl)	115	2.64E-11	1	1586.875	4.2	Larva	2L:+:36652157-36652167,36652249-36652285	exon=> In CDS Exon 1 and 2 of transcript AGAP006676-PA
JHU_Ag_71242	QVEATFNGQQATVTGWGR	AGAP006676-PA	N7(Deamidated)	131	1.10E-12	2	1949.954	4.05	Larva	2L:+:36652454-36652507	exon=> In CDS Exon 2 of transcript AGAP006676-PA
JHU_Ag_75923	SQVISTLACR	AGAP006676-PA	C9(Carbamidomethyl)	65	4.35E-06	2	1134.597	2.74	Larva	2L:+:36652553-36652582	exon=> In CDS Exon 2 of transcript AGAP006676-PA
JHU_Ag_98533	LPLPVPFSDNIRPVRLPNLR	AGAP006676-PA	-	30	0.000755199	1	2313.370	6.28	Larva	2L:+:36652394-36652453	exon=> In CDS Exon 2 of transcript AGAP006676-PA
JHU_Ag_107393	LPLPVPFSDNIRPVR	AGAP006676-PA	-	54	6.82E-06	1	1719.998	4.17	Larva	2L:+:36652394-36652438	exon=> In CDS Exon 2 of transcript AGAP006676-PA
JHU_Ag_38741	DADDTTTTAPVEESASTAPK	AGAP006680-PA	-	58	1.48E-05	2	2006.908	2.12	Head	2L:+:36670782-36670841	exon=> In CDS Exon 2 of transcript AGAP006680-PA
JHU_Ag_49718	ALEQFIESVR	AGAP006682-PA	-	67	3.07E-06	2	1191.638	0.63	Salivary gland	2L:-:36678220-36678191	exon=> In CDS Exon 4 of transcript AGAP006682-PA
JHU_Ag_36942	RNRPDASATGTLESDGHSILA	AGAP006683-PA	-	50	0.000159412	1	2168.070	0.38	Head	2L:+:36680970-36681032	exon=> In CDS Exon 2 of transcript AGAP006683-PA
JHU_Ag_11163	SHYLLPQGLHR	AGAP006684-PA	-	51	0.000107381	1	1320.713	-3.29	Ovary	2L:-:36681486-36681454	exon=> In CDS Exon 2 of transcript AGAP006684-PA
JHU_Ag_50098	SHYLLPQGLHR	AGAP006684-PA	-	54	4.10E-05	1	1320.719	1.48	Malpighian tubule	2L:-:36681486-36681454	exon=> In CDS Exon 2 of transcript AGAP006684-PA
JHU_Ag_67945	KLEQTLVLLVEQK	AGAP006684-PA	-	48	1.59E-05	1	1540.929	-1.03	Ovary	2L:-:36681537-36681499	exon=> In CDS Exon 2 of transcript AGAP006684-PA
JHU_Ag_45757	SVINCYLAQPVTPVSNTNLKPPAPVK	AGAP006685-PA	C5(Carbamidomethyl)	141	3.49E-14	1	2807.520	2.68	Head	2L:+:36686649-36686726	exon=> In CDS Exon 1 of transcript AGAP006685-PA
JHU_Ag_72907	VNYDSALAAANAR	AGAP006685-PA	-	96	4.68E-09	2	1335.666	0.36	Head	2L:+:36686580-36686618	exon=> In CDS Exon 1 of transcript AGAP006685-PA
JHU_Ag_75759	TFSDNTTFQWLK	AGAP006685-PA	-	47	0.00022851	2	1487.710	-4.41	Head	2L:+:36686526-36686561	exon=> In CDS Exon 1 of transcript AGAP006685-PA
JHU_Ag_269	DADEIENWIAEK	AGAP006686-PA	-	83	5.17E-08	2	1432.663	2.53	Pupa	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_319	IDPGLSASQQNLIDGHSIAKR	AGAP006686-PA	-	69	8.68E-07	1	2220.182	3.95	Malpighian tubule	2L:+:36693279-36693341	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_349	DLASVQNLMK	AGAP006686-PA	M9(Oxidation)	43	0.000716725	2	1134.586	3.06	Ovary	2L:+:36697317-36697346	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_457	DQLINANHAQSAAILK	AGAP006686-PA	-	108	1.23E-10	1	1706.918	-0.49	Midgut	2L:+:36698452-36698499	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_581	RLEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	117	2.23E-11	1	2376.220	2	Salivary gland	2L:+:36697674-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_682	SRIEDITATGQELATK	AGAP006686-PA	-	124	4.53E-12	1	1732.917	5.28	Midgut	2L:+:36692085-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_873	EAFLNAEEVDSKGDNVEALIK	AGAP006686-PA	-	40	0.001697851	1	2291.138	-1.03	Pupa	2L:+:36696645-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_938	VTEVNELADK	AGAP006686-PA	-	40	0.001796863	2	1117.579	4.96	Ovary	2L:+:36690822-36690851	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_961	LQLATEESYKDPANIQSK	AGAP006686-PA	-	101	1.18E-09	1	2035.033	-0.82	Visceras	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_1191	KFDEFQK	AGAP006686-PA	-	41	0.000570646	1	941.472	-0.76	Malpighian tubule	2L:+:36690777-36690797	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_1392	TALMDNFAYLQFMWK	AGAP006686-PA	M4(Oxidation), M13(Oxidation)	96	2.80E-09	1	1910.877	-2.43	Midgut	2L:+:36698160-36698204	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_1435	HTNFEHELTANK	AGAP006686-PA	-	72	9.14E-07	1	1440.690	2.23	Midgut	2L:+:36692049-36692084	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_1549	LLDSLQVQQLFR	AGAP006686-PA	-	103	2.65E-10	2	1459.834	4.87	Malpighian tubule	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_1667	EHYAADKVNAR	AGAP006686-PA	N9(Deamidated)	51	0.000108296	1	1274.600	-9.64	Midgut	2L:+:36692133-36692165	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_1676	EPIVSNQDYGKDEDSSEALLK	AGAP006686-PA	-	45	0.000425247	1	2337.108	-0.73	Malpighian tubule	2L:+:36692937-36692999	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_1678	TQIQTLNEEWATLQTITQER	AGAP006686-PA	-	56	2.97E-05	3	2403.230	6.02	Malpighian tubule	2L:+:36693657-36693716	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_2320	DVVLSSDDYGR	AGAP006686-PA	-	54	4.84E-05	2	1225.570	0.64	Head	2L:+:36691032-36691064	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_2588	DKESHAQIK	AGAP006686-PA	-	57	1.83E-05	1	1055.547	-0.6	Salivary gland	2L:+:36693471-36693497	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_2939	TGHPITGALDYVEFTR	AGAP006686-PA	-	72	1.04E-06	2	1776.892	-0.04	Visceras	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_3028	FLADFR	AGAP006686-PA	-	32	0.004191143	2	768.403	-0.75	Pupa	2L:+:36691305-36691322	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_3100	ETENVQSFEEIENAFR	AGAP006686-PA	-	95	4.26E-09	1	1941.882	-0.41	Male reproductive organs	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_3106	LMDVSNLGVPEIEQR	AGAP006686-PA	-	52	8.88E-05	2	1699.860	-4.73	Visceras	2L:+:36697740-36697784	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_3164	KFDDFNDDLK	AGAP006686-PA	-	39	0.001005262	1	1256.580	0.85	Salivary gland	2L:+:36693540-36693569	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_3357	ASQLGSAHEVQR	AGAP006686-PA	-	99	1.65E-09	1	1282.651	0.52	Ovary	2L:+:36693717-36693752	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_3448	RQTQINSQYDNLLALAR	AGAP006686-PA	-	69	1.12E-06	1	2004.065	1.39	Ovary	2L:+:36693339-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_3889	DLASVQALQR	AGAP006686-PA	-	86	3.47E-08	2	1100.604	-1.46	Head	2L:+:36691065-36691094	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_4194	DLEDEAAWIR	AGAP006686-PA	-	71	8.53E-07	1	1217.580	0	Male reproductive organs	2L:+:36692583-36692612	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_4250	LQAASEESYRDPTNLQAK	AGAP006686-PA	Q2(Deamidated)	109	2.43E-10	1	2020.996	1.25	Head	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_4328	HDAFETDFAVHR	AGAP006686-PA	-	57	1.92E-05	3	1444.664	2.73	Malpighian tubule	2L:+:36697986-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_4372	LEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	74	5.85E-07	1	2220.114	-0.07	Ovary	2L:+:36697677-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_4578	RQEVLDR	AGAP006686-PA	-	38	0.002385161	1	915.497	-3.65	Head	2L:+:36696828-36696848	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_4637	QQETPVVDITGK	AGAP006686-PA	-	52	7.86E-05	2	1314.693	2.47	Midgut	2L:+:36693081-36693116	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_4896	LRLDALK	AGAP006686-PA	-	36	0.001919014	1	828.529	-1.64	Head	2L:+:36692796-36692816	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_5114	FDDFNDDLKANEVR	AGAP006686-PA	-	60	1.66E-05	1	1697.783	3.53	Salivary gland	2L:+:36693543-36693584	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_5883	KHDAFETDFAVHR	AGAP006686-PA	-	74	6.59E-07	1	1572.756	0.49	Salivary gland	2L:+:36697983-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_6316	LQEASQQQQFNR	AGAP006686-PA	-	95	5.63E-09	1	1476.719	-0.16	Ovary	2L:+:36692229-36692264	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_6458	EINEEWQQVVTK	AGAP006686-PA	-	62	1.25E-05	1	1502.752	2.26	Head	2L:+:36693987-36694022	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_6694	GRDLIGVQNLIK	AGAP006686-PA	-	59	3.67E-06	1	1325.790	0.23	Ovary	2L:+:36692646-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_6918	DIADEESWIKEK	AGAP006686-PA	-	60	1.37E-05	2	1462.710	2.59	Male reproductive organs	2L:+:36697566-36697601	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_7160	FVESGHFDADNIR	AGAP006686-PA	-	58	2.02E-05	1	1506.707	6.36	Pupa	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_7258	DADETVAWIAEKDVVLSSDDYGR	AGAP006686-PA	-	107	3.33E-10	2	2554.205	4.07	Head	2L:+:36690996-36691064	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_7295	AYVLVR	AGAP006686-PA	-	33	0.001044128	1	720.440	0.16	Ovary	2L:+:36693423-36693440	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_7431	LEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	95	4.68E-09	1	2220.119	1.99	Midgut	2L:+:36697677-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_7924	RDSDELESWINEK	AGAP006686-PA	-	98	2.17E-09	1	1620.754	2.62	Midgut	2L:+:36690360-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_8165	DLIGVQNLIK	AGAP006686-PA	-	69	7.63E-07	2	1112.669	1.61	Visceras	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_8201	FATDDSYLDPTNLNGK	AGAP006686-PA	-	89	1.77E-08	2	1770.827	4.83	Ovary	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_8509	LDESYFLHR	AGAP006686-PA	-	75	4.69E-07	2	1179.581	1.5	Head	2L:+:36691278-36691304	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_8696	IIEERDAELAK	AGAP006686-PA	-	54	5.54E-05	1	1286.699	2.83	Malpighian tubule	2L:+:36698884-36698916	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_8822	DVAGAEALLER	AGAP006686-PA	-	68	2.06E-06	2	1143.601	0.44	Pupa	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_8886	YAALAEPMSIRK	AGAP006686-PA	-	45	0.000407555	1	1349.723	-1.44	Ovary	2L:+:36692505-36692540	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_8966	DADEIENWIAEK	AGAP006686-PA	-	91	7.60E-09	2	1432.660	0.4	Ovary	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_8997	IKDMNSQADSLVESGQFDSAGIQEK	AGAP006686-PA	M4(Oxidation)	125	4.30E-12	1	2713.265	1.03	Malpighian tubule	2L:+:36697392-36697466	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_9015	IDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	51	9.59E-05	1	2064.082	4.71	Malpighian tubule	2L:+:36693279-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_9259	LLNMQDQFR	AGAP006686-PA	M4(Oxidation)	64	5.20E-06	1	1180.577	-0.45	Male reproductive organs	2L:+:36698566-36698592	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_9768	MQEIVTLWESLVR	AGAP006686-PA	M1(Oxidation)	76	3.01E-07	1	1619.853	4.15	Ovary	2L:+:36692166-36692204	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_9795	LGDEQTLQQFSR	AGAP006686-PA	-	85	5.63E-08	2	1421.701	-0.97	Midgut	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_9954	EHYAAAEVQEK	AGAP006686-PA	-	70	1.30E-06	1	1274.602	0.9	Visceras	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_10103	IEDITATGQELATK	AGAP006686-PA	-	94	5.84E-09	2	1489.775	0.63	Male reproductive organs	2L:+:36692091-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_10109	LQQALVLVQFLR	AGAP006686-PA	-	108	1.37E-11	2	1427.876	1.78	Pupa	2L:+:36690642-36690677	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_10110	LGDEQTLQQFSR	AGAP006686-PA	-	85	4.75E-08	2	1421.702	-0.2	Pupa	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_10285	LQLATEESYKDPANIQSK	AGAP006686-PA	-	120	1.31E-11	1	2035.048	6.86	Ovary	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_10411	DLAALEDKVAALGTEAGR	AGAP006686-PA	-	109	1.64E-10	1	1799.946	-2.17	Midgut	2L:+:36691116-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_10452	ISSVLAMGSNLIDR	AGAP006686-PA	M7(Oxidation)	63	6.79E-06	2	1491.787	2.03	Ovary	2L:+:36697068-36697109	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_10458	SRIEDITATGQELATK	AGAP006686-PA	-	75	4.64E-07	2	1732.911	1.68	Male reproductive organs	2L:+:36692085-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_10551	LIDGQHYAADDVAQRR	AGAP006686-PA	-	71	1.02E-06	1	1827.911	0.66	Head	2L:+:36691806-36691853	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_11081	KLLVGSDDYGR	AGAP006686-PA	-	63	6.17E-06	1	1222.640	-2.04	Midgut	2L:+:36697602-36697634	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_11117	ETENVQSFEEIENAFR	AGAP006686-PA	-	115	4.19E-11	1	1941.880	-1.23	Visceras	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_11376	EAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	55	4.31E-05	1	2432.173	0.19	Pupa	2L:+:36690714-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_11428	AGTFSAFEQFGNELLQANHYAAPEIQEK	AGAP006686-PA	-	202	8.66E-20	1	3110.485	-0.26	Midgut	2L:+:36696426-36696509	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_11520	ENALNNDELGK	AGAP006686-PA	-	53	5.58E-05	2	1216.580	-0.19	Salivary gland	2L:+:36693798-36693830	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_11591	ALNQAWTELK	AGAP006686-PA	-	75	4.67E-07	1	1173.629	2.26	Salivary gland	2L:+:36697791-36697820	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_12162	QTQINSQYDNLLALAR	AGAP006686-PA	-	103	6.00E-10	1	1847.969	4.45	Ovary	2L:+:36693342-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_12354	QAEIAAYWQSLTAK	AGAP006686-PA	-	91	1.04E-08	2	1579.814	1.72	Head	2L:+:36691215-36691256	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_12569	EAADLAAWIK	AGAP006686-PA	-	46	0.000418296	1	1087.581	2.08	Head	2L:+:36693441-36693470	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_12757	IDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	54	4.38E-05	1	2064.079	3.47	Ovary	2L:+:36693279-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_12851	VEEEEAWITEK	AGAP006686-PA	-	74	5.30E-07	1	1362.645	1.76	Malpighian tubule	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_13182	DLTSVQNLQK	AGAP006686-PA	-	53	6.68E-05	2	1145.616	-0.41	Malpighian tubule	2L:+:36692334-36692363	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_13193	LQAASEESYRDPTNLQAK	AGAP006686-PA	-	91	1.55E-08	1	2020.989	-2.2	Visceras	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_13414	QTQINSQYDNLLALAR	AGAP006686-PA	-	46	0.000327409	2	1847.963	1.21	Male reproductive organs	2L:+:36693342-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_13539	FDDFNDDLKANEVR	AGAP006686-PA	-	106	3.60E-10	1	1697.778	1.02	Head	2L:+:36693543-36693584	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_13938	LQQALVLVQFLR	AGAP006686-PA	-	101	6.97E-11	2	1427.879	3.66	Malpighian tubule	2L:+:36690642-36690677	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_13997	LWELLLSR	AGAP006686-PA	-	64	2.11E-06	2	1029.610	0.58	Midgut	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_14251	DLASVQALQR	AGAP006686-PA	-	68	1.89E-06	2	1100.607	0.98	Malpighian tubule	2L:+:36691065-36691094	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_14375	LLEDSNALQQFER	AGAP006686-PA	-	113	8.62E-11	1	1562.782	0.51	Ovary	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_14589	DLAALQDK	AGAP006686-PA	-	43	0.000935746	2	873.468	0.45	Malpighian tubule	2L:+:36693882-36693905	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_14686	GRDLIGVQNLIK	AGAP006686-PA	-	64	1.18E-06	1	1325.790	-0.14	Midgut	2L:+:36692646-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_15064	LLDSLQVQQLFR	AGAP006686-PA	-	96	1.72E-09	1	1459.831	3.2	Head	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_15107	HEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	-	69	1.25E-06	3	2512.280	4.83	Midgut	2L:+:36693003-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_15128	NDVLTLLNSNNKDWWK	AGAP006686-PA	-	73	8.90E-07	1	1959.998	2.72	Head	2L:+:36693180-36693227	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_15251	EHYAADKVNAR	AGAP006686-PA	N9(Deamidated)	51	9.56E-05	1	1274.603	-7.63	Pupa	2L:+:36692133-36692165	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_15383	SALQEKSSVR	AGAP006686-PA	-	42	0.000933539	2	1104.604	2.71	Malpighian tubule	2L:+:36691875-36691904	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_15507	RLEELQR	AGAP006686-PA	-	49	0.000214543	1	943.532	-0.1	Malpighian tubule	2L:+:36690576-36690596	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_15735	QQLLSVEDYGDSMAAVQGLMK	AGAP006686-PA	-	49	0.000189292	2	2283.104	1.82	Head	2L:+:36697920-36697982	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_15867	DCEQAENWMSAR	AGAP006686-PA	C2(Carbamidomethyl), M9(Oxidation)	56	4.15E-06	2	1512.585	0.48	Male reproductive organs	2L:+:36696609-36696644	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_15885	EAFLNAEEVDSKGDNVEALIK	AGAP006686-PA	-	73	8.30E-07	1	2291.143	1.21	Male reproductive organs	2L:+:36696645-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_16116	LQAASEESYRDPTNLQAK	AGAP006686-PA	-	105	5.51E-10	1	2020.997	1.55	Malpighian tubule	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_16183	ASAFNSWFENAEEDLTDPVR	AGAP006686-PA	-	106	2.28E-10	2	2298.027	-1.69	Midgut	2L:+:36698629-36698688	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_16421	EAFLNAEEVDSK	AGAP006686-PA	-	83	6.72E-08	2	1351.639	1.14	Head	2L:+:36696645-36696680	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_16482	YTEHSTVGLAQQWDQLDQLAMR	AGAP006686-PA	M21(Oxidation)	85	4.85E-08	1	2606.242	4.46	Larva	2L:+:36700924-36700989	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_16507	KLENLQALATR	AGAP006686-PA	-	98	9.10E-10	1	1256.733	0.92	Midgut	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_16839	LQEASQQQQFNR	AGAP006686-PA	-	109	2.28E-10	1	1476.720	0.75	Male reproductive organs	2L:+:36692229-36692264	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_16875	QQETPVVDITGK	AGAP006686-PA	-	72	8.53E-07	1	1314.692	1.36	Head	2L:+:36693081-36693116	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_16922	DADETVAWIAEK	AGAP006686-PA	-	108	2.63E-10	2	1347.646	2.71	Midgut	2L:+:36690996-36691031	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_17309	HQAFEAELAANADR	AGAP006686-PA	-	90	1.33E-08	1	1542.730	0.03	Midgut	2L:+:36697026-36697067	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_17380	FVESGHFDADNIR	AGAP006686-PA	-	86	2.58E-08	1	1506.699	0.85	Salivary gland	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_17563	FATDDSYLDPTNLNGK	AGAP006686-PA	N14(Deamidated),N12(Deamidated)	123	6.17E-12	2	1770.822	2.01	Head	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_18074	ILESAEDIQERR	AGAP006686-PA	-	55	5.00E-05	1	1458.755	0.19	Head	2L:+:36690231-36690266	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_18181	TYIAAVK	AGAP006686-PA	-	35	0.000974059	2	765.450	-0.87	Head	2L:+:36697236-36697256	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_18346	ALDVFATK	AGAP006686-PA	-	58	1.56E-05	2	864.482	-0.28	Midgut	2L:+:36691782-36691805	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_18362	DLSTVQTLLTK	AGAP006686-PA	-	51	5.59E-05	1	1218.694	0.34	Midgut	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_18451	ISSVLAMGSNLIDR	AGAP006686-PA	M7(Oxidation)	89	1.65E-08	1	1475.787	-1.23	Head	2L:+:36697068-36697109	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_18707	DSDELESWINEK	AGAP006686-PA	-	54	2.67E-05	2	1464.648	-0.74	Salivary gland	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_18783	ISSVLAMGSNLIDR	AGAP006686-PA	M7(Oxidation)	79	1.77E-07	2	1491.784	0.23	Male reproductive organs	2L:+:36697068-36697109	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_18831	HQAFEAELAANADR	AGAP006686-PA	-	101	1.08E-09	1	1542.711	-12.08	Malpighian tubule	2L:+:36697026-36697067	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_18986	LENLQALATR	AGAP006686-PA	-	48	0.000184535	2	1128.638	0.37	Malpighian tubule	2L:+:36698124-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_19167	LNEANTLHQFFR	AGAP006686-PA	-	96	3.88E-09	2	1489.759	2.78	Head	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_19177	LDESLIYQQFLAK	AGAP006686-PA	-	97	1.87E-09	1	1567.836	-0.37	Male reproductive organs	2L:+:36697848-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_19255	ILESAEDIQER	AGAP006686-PA	-	75	6.68E-07	1	1302.660	4.56	Ovary	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_19521	LLDSLQVQQLFR	AGAP006686-PA	-	87	1.47E-08	1	1459.829	1.19	Ovary	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_19722	DLVSWINGMK	AGAP006686-PA	-	38	0.00276885	2	1162.593	0.42	Midgut	2L:+:36691323-36691352	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_19780	DADETVAWIAEK	AGAP006686-PA	-	95	4.47E-09	2	1347.643	0.44	Head	2L:+:36690996-36691031	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_19907	KLENLQALATR	AGAP006686-PA	-	95	1.76E-09	2	1256.734	1.21	Malpighian tubule	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_20023	RHEDVLTR	AGAP006686-PA	-	66	2.48E-06	2	1025.547	-2.1	Head	2L:+:36698500-36698523	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_20352	DLAALQDKIR	AGAP006686-PA	-	59	1.00E-05	1	1142.653	0.12	Ovary	2L:+:36693882-36693911	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_20541	RHEDVLTR	AGAP006686-PA	-	48	0.000162078	2	1025.553	3.85	Ovary	2L:+:36698500-36698523	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_20642	QIEDLYLTFAK	AGAP006686-PA	-	79	1.48E-07	2	1340.712	1.88	Pupa	2L:+:36698593-36698625	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_21030	RLTQIADQWEYLTQK	AGAP006686-PA	-	65	3.89E-06	2	1892.989	1.13	Malpighian tubule	2L:+:36697146-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_21217	QQETPVVDITGK	AGAP006686-PA	-	49	0.00015809	1	1314.691	1.08	Salivary gland	2L:+:36693081-36693116	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_21229	QEAFLANEDLGDSLDSVEALIK	AGAP006686-PA	-	169	1.63E-16	1	2377.179	0.72	Salivary gland	2L:+:36691665-36691730	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_21295	LDESLIYQQFLAK	AGAP006686-PA	-	96	2.32E-09	1	1567.839	1.18	Malpighian tubule	2L:+:36697848-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_21577	AIISADELAK	AGAP006686-PA	-	53	8.15E-05	2	1030.579	0.92	Malpighian tubule	2L:+:36691353-36691382	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_21589	DQLINANHAQSAAILK	AGAP006686-PA	-	27	0.009766925	1	1706.944	14.7	Ovary	2L:+:36698452-36698499	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_22021	YTEHSTVGLAQQWDQLDQLAMR	AGAP006686-PA	M21(Oxidation)	55	4.78E-05	1	2606.224	-2.57	Male reproductive organs	2L:+:36700924-36700989	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_22120	DADETVAWIAEK	AGAP006686-PA	-	44	0.000713533	2	1347.649	4.7	Ovary	2L:+:36690996-36691031	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_22215	LIDGQHYAADDVAQR	AGAP006686-PA	-	41	0.001228336	3	1671.815	3.71	Ovary	2L:+:36691806-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_22334	DLAALQDK	AGAP006686-PA	Q6(Deamidated)	59	2.62E-05	1	874.454	2.55	Head	2L:+:36693882-36693905	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_22349	DQLINANHAQSAAILK	AGAP006686-PA	N5(Deamidated),Q2(Deamidated)	122	4.44E-12	1	1706.922	1.87	Head	2L:+:36698452-36698499	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_22562	LLVGSDDYGRDLTGVQNLK	AGAP006686-PA	-	68	1.75E-06	1	2063.086	4.31	Malpighian tubule	2L:+:36697605-36697661	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_22701	HQAFEAELAANADR	AGAP006686-PA	-	104	5.24E-10	1	1542.729	-0.53	Head	2L:+:36697026-36697067	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_22713	QIEDLYLTFAK	AGAP006686-PA	-	40	0.000960303	2	1340.712	1.97	Ovary	2L:+:36698593-36698625	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_22925	DADEIENWIAEK	AGAP006686-PA	-	94	4.52E-09	1	1432.663	2.62	Head	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_22966	ADVVESWIADKENHVK	AGAP006686-PA	-	37	0.003226948	1	1839.924	0.05	Visceras	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_22967	LMDVSNLGVPEIEQR	AGAP006686-PA	M2(Oxidation)	114	6.72E-11	2	1715.862	-0.59	Midgut	2L:+:36697740-36697784	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_23259	EAFLNAEEVDSK	AGAP006686-PA	-	51	0.000117253	2	1351.648	7.82	Malpighian tubule	2L:+:36696645-36696680	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_23510	ADVVESWIADKENHVK	AGAP006686-PA	-	48	0.000216938	1	1839.926	1.55	Malpighian tubule	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_23646	DVDETKDWIAEK	AGAP006686-PA	-	75	4.95E-07	1	1448.696	3.82	Salivary gland	2L:+:36693762-36693797	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_23729	DLAALEDKVAALGTEAGR	AGAP006686-PA	-	82	7.88E-08	1	1799.951	0.61	Male reproductive organs	2L:+:36691116-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_24007	LENLQALATR	AGAP006686-PA	-	81	9.02E-08	2	1128.638	0.48	Midgut	2L:+:36698124-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_24166	ALDVFATK	AGAP006686-PA	-	51	7.61E-05	2	864.484	1.41	Salivary gland	2L:+:36691782-36691805	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_24195	KIDPGLSASQQNLIDGHSIAK	AGAP006686-PA	Q10(Deamidated),Q11(Deamidated),N12(Deamidated)	118	1.05E-11	1	2192.170	1.23	Head	2L:+:36693276-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_24229	IDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	46	0.000310689	1	2064.084	5.77	Midgut	2L:+:36693279-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_24518	MQEIVTLWESLVR	AGAP006686-PA	M1(Oxidation)	92	6.85E-09	2	1603.855	2.24	Salivary gland	2L:+:36692166-36692204	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_25796	YAALAEPMSIR	AGAP006686-PA	-	46	0.000402874	1	1221.631	0.7	Midgut	2L:+:36692505-36692537	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_25895	KHDAFETDFAVHR	AGAP006686-PA	-	68	2.67E-06	1	1572.759	2.15	Midgut	2L:+:36697983-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_26200	VTEVNELADKLLFGGHPER	AGAP006686-PA	-	145	3.39E-14	1	2124.109	0.2	Midgut	2L:+:36690822-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_26245	DLAALEDK	AGAP006686-PA	-	55	6.72E-05	1	874.452	0.52	Male reproductive organs	2L:+:36691116-36691139	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_26250	EHYAAAEVQEK	AGAP006686-PA	-	34	0.005838519	1	1274.601	0.13	Salivary gland	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_26427	LLEDSNALQQFER	AGAP006686-PA	-	65	5.61E-06	1	1562.784	2.23	Pupa	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_26564	EHYAADKVNAR	AGAP006686-PA	-	40	0.001655106	1	1273.623	-4.03	Male reproductive organs	2L:+:36692133-36692165	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_26688	SRIEDITATGQELATK	AGAP006686-PA	-	117	2.38E-11	1	1732.911	1.97	Malpighian tubule	2L:+:36692085-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_26741	HTNFEHELTANK	AGAP006686-PA	-	99	1.73E-09	1	1440.686	-0.57	Head	2L:+:36692049-36692084	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_26774	TGHPITGALDYVEFTR	AGAP006686-PA	-	60	1.78E-05	1	1776.899	4.29	Pupa	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_27242	LAALENDK	AGAP006686-PA	-	41	0.001413051	2	873.467	-0.6	Head	2L:+:36691533-36691556	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_27637	MEQFTPKEVR	AGAP006686-PA	N-Term(Acetyl),M1(Oxidation)	48	0.000320752	1	1322.644	2.54	Malpighian tubule	2L:+:36690201-36690230	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_28175	KIEELGATLEEHLILDNR	AGAP006686-PA	-	79	6.16E-08	1	2093.142	8.75	Head	2L:+:36700870-36700923	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_28228	DVDETKDWIAEK	AGAP006686-PA	-	56	3.75E-05	1	1448.691	0.61	Male reproductive organs	2L:+:36693762-36693797	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_28297	LQLATEESYKDPANIQSK	AGAP006686-PA	-	93	6.80E-09	1	2035.031	-1.72	Male reproductive organs	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_28316	LMDVSNLGVPEIEQR	AGAP006686-PA	M2(Oxidation)	101	1.24E-09	2	1715.864	0.48	Head	2L:+:36697740-36697784	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_28445	EKEPVAASTNR	AGAP006686-PA	-	50	0.000138464	2	1201.623	5.21	Salivary gland	2L:+:36692613-36692645	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_28508	VTEVNELADK	AGAP006686-PA	-	73	8.68E-07	2	1117.574	0.7	Malpighian tubule	2L:+:36690822-36690851	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_28719	LLFGGHPER	AGAP006686-PA	-	49	0.00010282	2	1025.553	0.28	Ovary	2L:+:36690852-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_28736	LQLATEESYKDPANIQSK	AGAP006686-PA	-	63	7.75E-06	1	2035.031	-1.6	Midgut	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_29120	SSLLVLWEDRR	AGAP006686-PA	-	37	0.002291067	2	1373.756	1.83	Malpighian tubule	2L:+:36691557-36691589	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_29225	RLEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	46	0.000262442	3	2376.217	0.69	Pupa	2L:+:36697674-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_29462	LFGAHEIQR	AGAP006686-PA	-	54	3.79E-05	1	1070.574	-0.28	Male reproductive organs	2L:+:36690960-36690986	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_29642	ETENVQSFEEIENAFR	AGAP006686-PA	-	130	1.20E-12	1	1941.887	2.1	Head	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_29843	SRLGDEQTLQQFSR	AGAP006686-PA	-	42	0.000911424	2	1664.843	4.47	Malpighian tubule	2L:+:36696885-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_30027	EVHRQEENDK	AGAP006686-PA	-	39	0.001483932	2	1283.603	4.04	Ovary	2L:+:36698917-36698946	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_30567	IKDMNSQADSLVESGQFDSAGIQEK	AGAP006686-PA	M4(Oxidation)	135	4.36E-13	1	2713.267	1.7	Head	2L:+:36697392-36697466	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_30807	VTEVNELADKLLFGGHPER	AGAP006686-PA	-	140	8.84E-14	1	2124.111	1.23	Head	2L:+:36690822-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_30981	DQLINANHAQSAAILK	AGAP006686-PA	-	106	1.74E-10	1	1706.921	1.59	Malpighian tubule	2L:+:36698452-36698499	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_31130	LQQALVLVQFLR	AGAP006686-PA	-	99	9.31E-11	2	1427.879	3.75	Ovary	2L:+:36690642-36690677	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_31172	LNEANTLHQFFR	AGAP006686-PA	-	100	1.58E-09	1	1489.755	-0.09	Male reproductive organs	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_31562	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	153	3.09E-15	1	2166.172	2.67	Visceras	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_31698	ADVVESWIADKENHVK	AGAP006686-PA	-	51	0.000117163	1	1839.920	-2.14	Salivary gland	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_32326	IEDITATGQELATK	AGAP006686-PA	-	73	7.23E-07	2	1489.774	-0.35	Salivary gland	2L:+:36692091-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_32395	HQLVEADIHAHEDR	AGAP006686-PA	-	127	3.84E-12	1	1669.811	4.36	Ovary	2L:+:36697350-36697391	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_32405	DVVLSSDDYGR	AGAP006686-PA	-	91	1.05E-08	1	1225.573	2.7	Midgut	2L:+:36691032-36691064	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_32579	RDQVLNR	AGAP006686-PA	-	39	0.001116276	2	900.497	-4.82	Head	2L:+:36690264-36690284	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_32645	KHEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	-	48	0.000141568	3	2640.387	9.08	Visceras	2L:+:36693000-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_32662	DADEIENWIAEK	AGAP006686-PA	-	87	2.30E-08	2	1432.661	1.08	Visceras	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_32975	IKDMNSQADSLVESGQFDSAGIQEK	AGAP006686-PA	M4(Oxidation)	122	9.47E-12	1	2713.262	0.08	Midgut	2L:+:36697392-36697466	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_33253	AITASDPRPRPYVTKEELYSNLTK	AGAP006686-PA	-	40	0.000607161	1	2749.456	1.52	Head	2L:+:36701323-36701382,36701460-36701471	exon=> In CDS Exon 4 and 5 of transcript AGAP006686-PA
JHU_Ag_33315	ENALNNDELGK	AGAP006686-PA	-	66	2.62E-06	2	1216.579	-0.89	Head	2L:+:36693798-36693830	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_33513	LIDGQHYAADDVAQR	AGAP006686-PA	-	87	3.10E-08	2	1671.813	2.73	Salivary gland	2L:+:36691806-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_33529	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	76	3.96E-07	1	2675.301	2.31	Pupa	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_33968	VEEEEAWITEK	AGAP006686-PA	-	72	7.47E-07	2	1362.642	-0.21	Male reproductive organs	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_34401	ILESAEDIQER	AGAP006686-PA	-	98	2.88E-09	1	1302.657	2.69	Malpighian tubule	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_34455	DADETVAWIAEK	AGAP006686-PA	-	68	2.20E-06	2	1347.647	3.07	Salivary gland	2L:+:36690996-36691031	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_34469	LQQALVLVQFLR	AGAP006686-PA	-	115	2.58E-12	1	1427.873	-0.27	Head	2L:+:36690642-36690677	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_34580	LLDSYDLQR	AGAP006686-PA	-	68	2.41E-06	2	1122.580	0.46	Salivary gland	2L:+:36694044-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_34638	LWELLLSR	AGAP006686-PA	-	67	1.16E-06	2	1029.614	4.37	Salivary gland	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_34678	ILESAEDIQER	AGAP006686-PA	-	91	1.51E-08	1	1302.654	0.16	Male reproductive organs	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_35010	LDESYFLHR	AGAP006686-PA	-	68	2.27E-06	2	1179.579	-0.26	Salivary gland	2L:+:36691278-36691304	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_35289	ETENVQSFEEIENAFR	AGAP006686-PA	-	122	7.43E-12	1	1941.888	2.54	Malpighian tubule	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_35358	ADVVESWIADKENHVK	AGAP006686-PA	-	69	1.98E-06	1	1839.925	0.98	Pupa	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_35485	DLTGVQNLK	AGAP006686-PA	-	62	1.25E-05	1	987.546	-0.73	Midgut	2L:+:36697635-36697661	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_35738	CAGVISNGEQMLNEQPTASEEIK	AGAP006686-PA	C1(Carbamidomethyl), M11(Oxidation)	69	1.33E-06	2	2521.145	-3.69	Head	2L:+:36692727-36692795	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_35979	HEDVLTR	AGAP006686-PA	-	31	0.006654181	1	869.448	0.03	Midgut	2L:+:36698503-36698523	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_35991	DVAGAEALLER	AGAP006686-PA	-	87	2.56E-08	2	1143.601	0.12	Male reproductive organs	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_36013	LIDGQHYAADDVAQRR	AGAP006686-PA	-	83	7.16E-08	1	1827.918	4.57	Malpighian tubule	2L:+:36691806-36691853	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_36248	AGTFSAFEQFGNELLQANHYAAPEIQEK	AGAP006686-PA	-	202	8.42E-20	1	3110.507	6.8	Ovary	2L:+:36696426-36696509	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_36638	LDESLIYQQFLAK	AGAP006686-PA	-	81	7.26E-08	2	1567.833	-2.32	Midgut	2L:+:36697848-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_36691	EAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	101	1.11E-09	1	2432.182	3.66	Head	2L:+:36690714-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_36807	LQAASEESYRDPTNLQAK	AGAP006686-PA	-	103	9.56E-10	1	2020.991	-1.47	Male reproductive organs	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_37649	EVHRQEENDK	AGAP006686-PA	-	51	8.27E-05	2	1283.597	-0.24	Head	2L:+:36698917-36698946	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_37780	KNDVLTLLNSNNK	AGAP006686-PA	-	102	5.12E-10	1	1472.808	0.84	Head	2L:+:36693177-36693215	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_37862	LTQIADQWEYLTQK	AGAP006686-PA	-	109	2.06E-10	1	1736.885	-0.43	Midgut	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_38103	QTQINSQYDNLLALAR	AGAP006686-PA	-	106	3.34E-10	2	1847.962	0.62	Midgut	2L:+:36693342-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_38186	LDESYFLHR	AGAP006686-PA	-	72	9.80E-07	2	1179.578	-1.09	Midgut	2L:+:36691278-36691304	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_38197	EINEEWQQVVTK	AGAP006686-PA	-	68	2.65E-06	2	1502.751	1.61	Male reproductive organs	2L:+:36693987-36694022	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_38701	RLEELQR	AGAP006686-PA	-	42	0.000967203	2	943.534	2.17	Ovary	2L:+:36690576-36690596	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_38803	DLASVQALQR	AGAP006686-PA	-	82	9.14E-08	1	1100.609	2.64	Salivary gland	2L:+:36691065-36691094	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_38922	DIADEESWIK	AGAP006686-PA	-	64	5.94E-06	2	1205.573	3.65	Pupa	2L:+:36697566-36697595	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_39118	IEDITATGQELATK	AGAP006686-PA	-	95	5.46E-09	2	1489.774	-0.11	Midgut	2L:+:36692091-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_39243	EAHAAFQASLSSAQVDFQALAALDQK	AGAP006686-PA	-	37	0.002711041	3	2717.366	4.58	Malpighian tubule	2L:+:36698722-36698799	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_39365	DIADEESWIK	AGAP006686-PA	-	56	3.64E-05	2	1205.568	-0.2	Male reproductive organs	2L:+:36697566-36697595	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_39817	LLDSYDLQR	AGAP006686-PA	-	36	0.004227854	1	1122.584	4.66	Head	2L:+:36694044-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_39827	ALGYDLPMVEEGQPDPEFEEILNVVDPNR	AGAP006686-PA	M8(Oxidation)	77	2.58E-07	1	3301.571	4.11	Malpighian tubule	2L:+:36701140-36701226	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_39847	ADVVESWIADKENHVK	AGAP006686-PA	-	55	4.73E-05	1	1839.930	3.38	Male reproductive organs	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_39957	FLADFR	AGAP006686-PA	-	46	0.000183311	2	768.403	-1.38	Visceras	2L:+:36691305-36691322	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_40097	DVAGAEALLER	AGAP006686-PA	-	94	4.58E-09	2	1143.604	3	Midgut	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_40654	IEDITATGQELATK	AGAP006686-PA	-	80	1.55E-07	2	1489.774	-0.44	Ovary	2L:+:36692091-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_40711	LNEANTLHQFFR	AGAP006686-PA	-	86	4.43E-08	1	1489.756	0.73	Pupa	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_41094	MQHNLK	AGAP006686-PA	-	36	0.001112892	2	770.399	1.28	Head	2L:+:36700990-36701007	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_41101	QAEIAAYWQSLTAK	AGAP006686-PA	-	89	1.43E-08	2	1579.822	6.43	Malpighian tubule	2L:+:36691215-36691256	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_41167	ALDVFATK	AGAP006686-PA	-	35	0.00363399	1	864.483	0.16	Head	2L:+:36691782-36691805	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_41385	DEDSSEALLK	AGAP006686-PA	-	83	7.75E-08	2	1106.525	3.14	Midgut	2L:+:36692970-36692999	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_41616	HANLFHQWLTETR	AGAP006686-PA	-	72	1.01E-06	1	1652.833	2.48	Salivary gland	2L:+:36698968-36699005,36700773-36700773	exon=> In CDS Exon 3 and 4 of transcript AGAP006686-PA
JHU_Ag_41716	LLFGGHPER	AGAP006686-PA	-	47	0.000207082	1	1025.550	-2.94	Head	2L:+:36690852-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_41885	LTQIADQWEYLTQK	AGAP006686-PA	-	138	2.05E-13	1	1736.891	3.23	Head	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_41965	QAEIAAYWQSLTAK	AGAP006686-PA	-	96	3.20E-09	1	1579.824	7.75	Salivary gland	2L:+:36691215-36691256	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_42086	DLASVQALQR	AGAP006686-PA	-	68	2.13E-06	2	1100.606	-0.24	Pupa	2L:+:36691065-36691094	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_42093	ILESAEDIQER	AGAP006686-PA	-	83	9.59E-08	1	1302.652	-1.34	Pupa	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_42217	ASQLGSAHEVQR	AGAP006686-PA	Q3(Deamidated)	102	7.07E-10	1	1282.644	-4.43	Head	2L:+:36693717-36693752	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_42578	EELYSNLTK	AGAP006686-PA	-	42	0.000873238	2	1096.552	-0.28	Midgut	2L:+:36701368-36701382,36701460-36701471	exon=> In CDS Exon 4 and 5 of transcript AGAP006686-PA
JHU_Ag_42722	RLEAELASHEPAIQAVQEAGEK	AGAP006686-PA	Q17(Deamidated)	180	1.15E-17	1	2376.210	-2.39	Head	2L:+:36697674-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_43045	EHYAAAEVQEK	AGAP006686-PA	-	59	1.92E-05	1	1274.601	-0.16	Ovary	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_43085	DSDELESWINEK	AGAP006686-PA	-	84	3.11E-08	2	1464.653	2.84	Visceras	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_43425	KHEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	-	161	7.85E-16	1	2640.364	0.39	Malpighian tubule	2L:+:36693000-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_43508	EHYAAAEVQEK	AGAP006686-PA	-	59	1.80E-05	1	1274.601	-0.25	Midgut	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_43591	LLEDSNALQQFER	AGAP006686-PA	-	89	2.33E-08	2	1562.783	1.45	Visceras	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_43601	SSLLVLWEDR	AGAP006686-PA	-	44	0.000570322	2	1217.653	0.8	Head	2L:+:36691557-36691586	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_43772	DSDELESWINEK	AGAP006686-PA	-	93	3.45E-09	2	1464.650	0.84	Male reproductive organs	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_44230	FVESGHFDADNIR	AGAP006686-PA	-	90	1.11E-08	1	1506.699	0.93	Midgut	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_44291	LAALENDK	AGAP006686-PA	-	42	0.001225061	1	873.468	-0.11	Malpighian tubule	2L:+:36691533-36691556	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_44352	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	178	2.57E-17	1	2675.299	1.49	Midgut	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_44545	LMQSHPDTAEQTYAK	AGAP006686-PA	M2(Oxidation)	60	1.36E-05	1	1735.794	-1.13	Salivary gland	2L:+:36693936-36693980	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_44687	KIDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	51	5.84E-05	1	2192.167	-0.02	Male reproductive organs	2L:+:36693276-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_44722	DLSTVQTLLTK	AGAP006686-PA	-	65	2.35E-06	1	1218.694	-0.02	Male reproductive organs	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_45058	VAALGTEAGR	AGAP006686-PA	-	77	4.01E-07	1	944.518	1.62	Malpighian tubule	2L:+:36691140-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_45349	ADVVESWIADKENHVK	AGAP006686-PA	-	46	0.000346088	1	1839.924	0.45	Ovary	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_45378	EHYAAAEVQEK	AGAP006686-PA	-	64	5.19E-06	1	1274.596	-4.37	Pupa	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_45388	QTQINSQYDNLLALARER	AGAP006686-PA	-	57	2.32E-05	1	2133.114	4.52	Malpighian tubule	2L:+:36693342-36693395	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_45595	HEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	-	68	1.71E-06	3	2512.276	3.3	Malpighian tubule	2L:+:36693003-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_45674	TYIAAVK	AGAP006686-PA	-	35	0.001494477	1	765.452	1.92	Salivary gland	2L:+:36697236-36697256	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_45682	RLEELQR	AGAP006686-PA	-	45	0.00045701	1	943.532	-0.42	Midgut	2L:+:36690576-36690596	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_45828	LGDEQTLQQFSR	AGAP006686-PA	-	89	1.93E-08	1	1421.703	0.83	Ovary	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_45885	LLVGSDDYGR	AGAP006686-PA	-	67	3.06E-06	1	1094.547	-0.5	Midgut	2L:+:36697605-36697634	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_46004	AITASDPRPRPYVTK	AGAP006686-PA	-	41	0.000631184	1	1671.918	0.41	Head	2L:+:36701323-36701367	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_46325	IKTQIQTLNEEWATLQTITQER	AGAP006686-PA	-	50	5.88E-05	1	2644.403	3.45	Head	2L:+:36693651-36693716	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_46506	MQHNLKQQIQAR	AGAP006686-PA	M1(Oxidation)	41	0.000989596	1	1510.791	-0.14	Malpighian tubule	2L:+:36700990-36701025	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_46558	KHQAVLAEINNHESR	AGAP006686-PA	-	60	1.50E-05	1	1745.905	0.4	Head	2L:+:36692682-36692726	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_46617	DLIGVQNLIK	AGAP006686-PA	-	69	5.49E-07	1	1112.672	3.92	Ovary	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_46657	EAFLNAEEVDSKGDNVEALIK	AGAP006686-PA	-	119	1.91E-11	1	2291.146	2.65	Visceras	2L:+:36696645-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_46821	VTEVNELADK	AGAP006686-PA	-	58	3.03E-05	1	1117.572	-1.2	Head	2L:+:36690822-36690851	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_46957	TGHPITGALDYVEFTR	AGAP006686-PA	-	111	1.31E-10	1	1776.894	1.27	Head	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_46982	AYVLVR	AGAP006686-PA	-	36	0.000437274	2	720.440	-0.62	Head	2L:+:36693423-36693440	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_47001	EHYAAAEVQEK	AGAP006686-PA	-	88	2.53E-08	1	1274.603	1.76	Head	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_47367	LWELLLSR	AGAP006686-PA	-	71	7.81E-07	2	1029.609	-0.25	Ovary	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_47415	EHYAADK	AGAP006686-PA	-	50	7.20E-05	1	833.379	0.31	Midgut	2L:+:36692133-36692153	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_47459	LIDGQHYAADDVAQR	AGAP006686-PA	-	115	4.77E-11	1	1671.814	2.95	Head	2L:+:36691806-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_47485	RLEELQR	AGAP006686-PA	-	45	0.000444555	1	943.532	-0.36	Head	2L:+:36690576-36690596	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_47664	LGDEQTLQQFSR	AGAP006686-PA	-	90	1.61E-08	2	1421.701	-0.54	Male reproductive organs	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_47703	FLSDYR	AGAP006686-PA	-	32	0.004479797	2	800.394	0.12	Malpighian tubule	2L:+:36694071-36694088	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_47819	LNHQEFK	AGAP006686-PA	-	49	0.000112274	2	915.468	-0.15	Midgut	2L:+:36701107-36701127	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_47883	LFGAHEIQR	AGAP006686-PA	-	52	4.73E-05	1	1070.576	1.54	Malpighian tubule	2L:+:36690960-36690986	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_47915	DLASVQNLMK	AGAP006686-PA	M9(Oxidation)	66	3.26E-06	1	1134.583	0.9	Salivary gland	2L:+:36697317-36697346	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_48289	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	96	3.96E-09	1	2675.303	2.99	Malpighian tubule	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_48525	DLVSWINGMK	AGAP006686-PA	-	46	0.000384127	1	1162.593	0.11	Malpighian tubule	2L:+:36691323-36691352	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_48966	LMDVSNLGVPEIEQR	AGAP006686-PA	M2(Oxidation)	99	1.99E-09	2	1715.864	0.55	Male reproductive organs	2L:+:36697740-36697784	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_49110	LQAASEESYRDPTNLQAK	AGAP006686-PA	-	87	3.33E-08	1	2020.995	0.7	Salivary gland	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_49155	FVESGHFDADNIR	AGAP006686-PA	-	100	1.13E-09	1	1506.699	1.09	Ovary	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_49236	ALNQAWTELK	AGAP006686-PA	-	79	2.28E-07	1	1173.627	0.18	Ovary	2L:+:36697791-36697820	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_49542	EKQAEIAAYWQSLTAK	AGAP006686-PA	-	85	3.90E-08	1	1836.954	2.54	Head	2L:+:36691209-36691256	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_49619	EKLLDSYDLQR	AGAP006686-PA	-	72	9.25E-07	1	1379.723	4.62	Malpighian tubule	2L:+:36694038-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_49623	LNEANTLHQFFR	AGAP006686-PA	-	87	3.52E-08	1	1489.759	2.62	Midgut	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_49783	RLTQIADQWEYLTQK	AGAP006686-PA	-	77	2.23E-07	1	1892.993	3.26	Ovary	2L:+:36697146-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_49803	LNEIAIQLTSLGQTEAALK	AGAP006686-PA	-	98	4.62E-10	1	2013.130	3.75	Salivary gland	2L:+:36693594-36693650	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_49869	DVAGAEALLER	AGAP006686-PA	-	87	2.44E-08	2	1143.599	-1.17	Head	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_49948	EKLLDSYDLQR	AGAP006686-PA	-	54	5.56E-05	2	1379.719	1.53	Male reproductive organs	2L:+:36694038-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_50210	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	44	0.000624982	1	2675.297	0.62	Male reproductive organs	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_50366	FATDDSYLDPTNLNGK	AGAP006686-PA	-	108	2.18E-10	1	1770.822	2.21	Malpighian tubule	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_50521	YTEHSTVGLAQQWDQLDQLAMR	AGAP006686-PA	M21(Oxidation)	83	6.86E-08	1	2606.240	3.62	Ovary	2L:+:36700924-36700989	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_50544	HANLFHQWLTETR	AGAP006686-PA	-	101	1.26E-09	1	1652.829	-0.28	Midgut	2L:+:36698968-36699005,36700773-36700773	exon=> In CDS Exon 3 and 4 of transcript AGAP006686-PA
JHU_Ag_50578	LDESYFLHR	AGAP006686-PA	-	58	2.23E-05	1	1179.581	1.77	Malpighian tubule	2L:+:36691278-36691304	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_50921	ETENVQSFEEIENAFR	AGAP006686-PA	-	104	4.73E-10	2	1941.882	-0.22	Ovary	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_50978	ISSVLAMGSNLIDR	AGAP006686-PA	M7(Oxidation)	68	2.08E-06	1	1491.786	1.3	Salivary gland	2L:+:36697068-36697109	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_51034	FATDDSYLDPTNLNGK	AGAP006686-PA	N14(Deamidated)	81	9.39E-08	2	1771.810	4.69	Pupa	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_51081	LLEDSNALQQFER	AGAP006686-PA	-	114	7.77E-11	1	1562.782	0.91	Head	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_51082	DLAALEDKVAALGTEAGR	AGAP006686-PA	-	74	4.33E-07	2	1799.967	9.42	Malpighian tubule	2L:+:36691116-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_51146	LGDEQTLQQFSR	AGAP006686-PA	-	101	1.19E-09	2	1421.703	0.66	Head	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_51709	MKPYNDPKTGHPITGALDYVEFTR	AGAP006686-PA	M1(Oxidation)	50	0.000138425	1	2766.378	8.09	Malpighian tubule	2L:+:36701499-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_51788	IDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	40	0.001067722	1	2064.074	0.89	Male reproductive organs	2L:+:36693279-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_52271	EKLLDSYDLQR	AGAP006686-PA	-	44	0.00059017	1	1379.719	1.7	Head	2L:+:36694038-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_52360	YAALAEPMSIRK	AGAP006686-PA	M8(Oxidation)	64	5.44E-06	1	1365.718	-0.92	Midgut	2L:+:36692505-36692540	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_52615	AYVLVR	AGAP006686-PA	-	48	4.60E-05	2	720.442	2.69	Malpighian tubule	2L:+:36693423-36693440	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_52656	LQQALVLVQFLR	AGAP006686-PA	-	117	1.70E-12	2	1427.872	-1.21	Midgut	2L:+:36690642-36690677	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_52749	QEAFLANEDLGDSLDSVEALIK	AGAP006686-PA	-	168	2.41E-16	1	2377.186	3.59	Ovary	2L:+:36691665-36691730	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_52880	LQEASQQQQFNR	AGAP006686-PA	-	98	3.04E-09	2	1476.718	-0.9	Midgut	2L:+:36692229-36692264	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_52981	DLEDEAAWIR	AGAP006686-PA	-	63	5.27E-06	2	1217.581	0.7	Pupa	2L:+:36692583-36692612	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_53119	DCEQAENWMSAR	AGAP006686-PA	C2(Carbamidomethyl)	76	4.15E-08	2	1496.590	0.19	Malpighian tubule	2L:+:36696609-36696644	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_53141	KHDAFETDFAVHR	AGAP006686-PA	-	72	9.03E-07	2	1572.760	2.94	Ovary	2L:+:36697983-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_53234	KHEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	Q17(Deamidated),Q20(Deamidated),Q22(Deamidated)	165	2.59E-16	1	2640.382	7.28	Ovary	2L:+:36693000-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_53242	HQAVLAEINNHESR	AGAP006686-PA	N9(Deamidated),Q2(Deamidated)	109	2.41E-10	1	1617.805	-2.79	Head	2L:+:36692685-36692726	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_53436	ILESAEDIQER	AGAP006686-PA	-	70	1.84E-06	1	1302.656	1.84	Salivary gland	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_53489	KHQAVLAEINNHESR	AGAP006686-PA	-	49	0.000189611	1	1745.901	-2.11	Male reproductive organs	2L:+:36692682-36692726	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_53734	EELNEAWQR	AGAP006686-PA	-	36	0.002251637	2	1174.545	-3.04	Head	2L:+:36690900-36690926	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_53752	AYVLVR	AGAP006686-PA	-	36	0.000744466	2	720.441	1.5	Salivary gland	2L:+:36693423-36693440	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_53754	DLTGVQNLK	AGAP006686-PA	-	49	0.000238922	1	987.546	-1.41	Head	2L:+:36697635-36697661	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_53840	DHGQTLVTNNNHHGDSISQR	AGAP006686-PA	-	78	2.64E-07	1	2230.041	2.9	Malpighian tubule	2L:+:36698043-36698102	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_53993	KHEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	-	159	1.36E-15	1	2640.352	-4.09	Midgut	2L:+:36693000-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_54071	LNEANTLHQFFR	AGAP006686-PA	-	96	4.10E-09	2	1489.757	1.47	Malpighian tubule	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_54105	YAALAEPMSIR	AGAP006686-PA	-	46	0.000393926	1	1221.632	2.2	Malpighian tubule	2L:+:36692505-36692537	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_54550	LCSIHADHSEQIR	AGAP006686-PA	C2(Carbamidomethyl)	93	8.93E-09	1	1565.752	1.63	Head	2L:+:36691170-36691208	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_54578	KHQLVEADIHAHEDR	AGAP006686-PA	-	73	6.78E-07	1	1797.897	-1.33	Midgut	2L:+:36697347-36697391	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_54985	VEEEEAWITEK	AGAP006686-PA	-	65	3.86E-06	2	1362.643	0.42	Visceras	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA

JHU_Ag_55328	LQLATEESYKDPANIQSK	AGAP006686-PA	-	102	8.79E-10	1	2035.038	1.94	Malpighian tubule	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_55512	DADEIENWIAEK	AGAP006686-PA	-	91	8.53E-09	2	1432.660	0.49	Male reproductive organs	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_55574	AGTFSAFEQFGNELLQANHYAAPEIQEK	AGAP006686-PA	-	188	2.23E-18	1	3110.483	-0.73	Malpighian tubule	2L:+:36696426-36696509	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_55602	KFDDFNDDLK	AGAP006686-PA	-	68	1.41E-06	1	1256.578	-0.74	Head	2L:+:36693540-36693569	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_55698	VEEEEAWITEK	AGAP006686-PA	-	77	2.38E-07	2	1362.643	0.6	Midgut	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_55940	KLENLQALATR	AGAP006686-PA	-	76	1.47E-07	2	1256.732	0.04	Male reproductive organs	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_55980	DLIGVQNLIK	AGAP006686-PA	-	60	5.68E-06	2	1112.668	0.74	Head	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_56288	GRDLIGVQNLIK	AGAP006686-PA	-	72	1.89E-07	1	1325.794	2.8	Head	2L:+:36692646-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_56326	FATDDSYLDPTNLNGK	AGAP006686-PA	N14(Deamidated)	81	9.27E-08	1	1771.811	5.1	Male reproductive organs	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_56506	DLAALEDKVAALGTEAGR	AGAP006686-PA	-	135	3.37E-13	1	1799.957	3.86	Head	2L:+:36691116-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_56539	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	148	8.92E-15	1	2166.176	4.36	Salivary gland	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_57264	HQAFEAELAANADR	AGAP006686-PA	-	70	1.54E-06	2	1542.732	1.45	Salivary gland	2L:+:36697026-36697067	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_57315	LDESLIYQQFLAK	AGAP006686-PA	-	111	7.54E-11	1	1567.840	1.81	Visceras	2L:+:36697848-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_57428	RQSINER	AGAP006686-PA	-	42	0.002004586	2	902.482	1.6	Ovary	2L:+:36697467-36697487	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_57621	QEAFLANEDLGDSLDSVEALIK	AGAP006686-PA	-	102	8.30E-10	1	2377.179	1.03	Head	2L:+:36691665-36691730	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_57701	HQAFEAELAANADR	AGAP006686-PA	-	101	1.10E-09	2	1542.729	-0.21	Visceras	2L:+:36697026-36697067	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_57820	DLASVQNLMK	AGAP006686-PA	M9(Oxidation)	53	7.49E-05	2	1118.589	1.28	Head	2L:+:36697317-36697346	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_57862	DLTSVQNLQK	AGAP006686-PA	-	46	0.000339106	2	1145.612	-3.29	Midgut	2L:+:36692334-36692363	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_57877	ENALNNDELGK	AGAP006686-PA	-	65	3.27E-06	2	1216.582	1.51	Malpighian tubule	2L:+:36693798-36693830	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_58032	LLVGSDDYGR	AGAP006686-PA	-	67	3.17E-06	1	1094.548	-0.05	Malpighian tubule	2L:+:36697605-36697634	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_58253	GQKLDESLIYQQFLAK	AGAP006686-PA	-	37	0.001738179	1	1881.012	0.38	Male reproductive organs	2L:+:36697839-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_58256	DMADYCVQR	AGAP006686-PA	C6(Carbamidomethyl),"M2(Oxidation),C6(Carbamidomethyl)"	47	3.62E-05	2	1173.471	3.52	Malpighian tubule	2L:+:36701472-36701498	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_58343	IDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	50	0.000110378	1	2064.072	0.1	Salivary gland	2L:+:36693279-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_58484	HQAVLAEINNHESR	AGAP006686-PA	-	75	5.72E-07	1	1617.813	2.41	Malpighian tubule	2L:+:36692685-36692726	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_58551	DLEDEAAWIR	AGAP006686-PA	-	71	8.49E-07	1	1217.579	-0.6	Ovary	2L:+:36692583-36692612	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_58597	MQEIVTLWESLVR	AGAP006686-PA	M1(Oxidation)	79	1.63E-07	1	1619.856	6.26	Malpighian tubule	2L:+:36692166-36692204	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_58598	LNHQEFK	AGAP006686-PA	-	39	0.001083785	1	915.465	-3.93	Head	2L:+:36701107-36701127	exon=> In CDS Exon 4 of transcript AGAP006686-PA

JHU_Ag_58686	EAFLNAEEVDSKGDNVEALIK	AGAP006686-PA	-	92	1.03E-08	1	2291.146	2.41	Salivary gland	2L:+:36696645-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_58771	ALNQAWTELK	AGAP006686-PA	-	55	5.57E-05	2	1173.623	-2.42	Malpighian tubule	2L:+:36697791-36697820	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_59052	DVVLSSDDYGR	AGAP006686-PA	-	51	0.000103912	1	1225.572	1.74	Salivary gland	2L:+:36691032-36691064	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_59549	YAALAEPMSIR	AGAP006686-PA	M8(Oxidation)	39	0.002085287	1	1237.625	0.46	Male reproductive organs	2L:+:36692505-36692537	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_59648	LFGAHEIQR	AGAP006686-PA	-	58	1.52E-05	1	1070.572	-1.88	Midgut	2L:+:36690960-36690986	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_59657	LEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	105	4.95E-10	1	2220.117	1	Head	2L:+:36697677-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_60007	EAFLNAEEVDSKGDNVEALIK	AGAP006686-PA	-	116	3.88E-11	1	2291.155	6.4	Malpighian tubule	2L:+:36696645-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_60012	ALNQAWTELK	AGAP006686-PA	-	68	2.72E-06	2	1173.627	0.49	Midgut	2L:+:36697791-36697820	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_60134	DADEIENWIAEK	AGAP006686-PA	-	72	6.68E-07	2	1432.660	0.32	Salivary gland	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_60160	DLASVQALQR	AGAP006686-PA	-	81	9.73E-08	2	1100.605	-0.68	Male reproductive organs	2L:+:36691065-36691094	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_60232	HTNFEHELTANK	AGAP006686-PA	-	91	1.15E-08	1	1440.691	3.16	Malpighian tubule	2L:+:36692049-36692084	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_60346	DSDELESWINEK	AGAP006686-PA	-	88	1.06E-08	2	1464.651	1.18	Head	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_60713	KHQLVEADIHAHEDR	AGAP006686-PA	-	66	3.14E-06	1	1797.900	0.64	Head	2L:+:36697347-36697391	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_60732	DEDSSEALLK	AGAP006686-PA	-	62	8.49E-06	2	1106.522	0.6	Head	2L:+:36692970-36692999	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_60844	LGDEQTLQQFSR	AGAP006686-PA	-	76	3.57E-07	2	1421.703	0.4	Visceras	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_60952	QQLLSVEDYGDSMAAVQGLMK	AGAP006686-PA	M13(Oxidation), M20(Oxidation)	90	1.69E-08	2	2315.086	-1.73	Midgut	2L:+:36697920-36697982	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_61189	ALNQAWTELK	AGAP006686-PA	-	53	8.34E-05	2	1173.624	-1.8	Head	2L:+:36697791-36697820	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_61227	DVDETKDWIAEK	AGAP006686-PA	-	68	2.51E-06	1	1448.691	0.7	Head	2L:+:36693762-36693797	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_61394	ECVMALYDYTEK	AGAP006686-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M4(Oxidation)"	62	3.95E-06	2	1521.663	1.71	Head	2L:+:36693117-36693152	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_61412	HQAVLAEINNHESR	AGAP006686-PA	-	50	0.000188045	1	1617.809	0.03	Male reproductive organs	2L:+:36692685-36692726	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_61469	DCEQAENWMSAR	AGAP006686-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M9(Oxidation)"	59	2.06E-06	2	1512.586	0.88	Head	2L:+:36696609-36696644	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_61489	MEQFTPKEVR	AGAP006686-PA	N-Term(Acetyl)	51	0.000151696	1	1306.651	3.91	Malpighian tubule	2L:+:36690201-36690230	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_61524	LLEDSNALQQFER	AGAP006686-PA	-	100	1.82E-09	2	1562.787	3.8	Malpighian tubule	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_61903	EAADLAAWIK	AGAP006686-PA	-	52	0.000117341	2	1087.579	0.56	Ovary	2L:+:36693441-36693470	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_62055	KNDVLTLLNSNNK	AGAP006686-PA	-	96	2.11E-09	2	1472.812	3.25	Malpighian tubule	2L:+:36693177-36693215	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_62220	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	184	5.54E-18	1	2675.294	-0.36	Visceras	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_62239	QIEDLYLTFAK	AGAP006686-PA	-	75	3.59E-07	1	1340.715	4.24	Head	2L:+:36698593-36698625	exon=> In CDS Exon 3 of transcript AGAP006686-PA

JHU_Ag_62585	DVGEDLEEVEVLQK	AGAP006686-PA	-	112	8.80E-11	1	1601.795	2.9	Visceras	2L:+:36693498-36693539	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_62903	RDSDELESWINEK	AGAP006686-PA	-	98	2.18E-09	1	1620.750	0.13	Ovary	2L:+:36690360-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_63209	IEELGATLEEHLILDNR	AGAP006686-PA	-	64	4.79E-06	1	1965.028	-0.61	Midgut	2L:+:36700873-36700923	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_63223	LDALKDQWNSLK	AGAP006686-PA	-	34	0.005872697	1	1430.763	-0.65	Midgut	2L:+:36692802-36692837	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_63386	DLTGVQNLK	AGAP006686-PA	-	41	0.001479981	1	987.545	-1.79	Malpighian tubule	2L:+:36697635-36697661	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_63439	DQLINANHAQSAAILK	AGAP006686-PA	-	78	1.20E-07	2	1706.920	0.73	Male reproductive organs	2L:+:36698452-36698499	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_63489	VEEEEAWITEK	AGAP006686-PA	-	61	1.09E-05	2	1362.644	1.4	Ovary	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_63524	AIISADELAK	AGAP006686-PA	-	38	0.00173742	2	1030.581	2.93	Ovary	2L:+:36691353-36691382	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_63734	LMQSHPDTAEQTYAK	AGAP006686-PA	M2(Oxidation)	64	5.78E-06	1	1735.798	1.09	Male reproductive organs	2L:+:36693936-36693980	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_63759	VAALGTEAGR	AGAP006686-PA	-	60	2.06E-05	2	944.516	-0.25	Midgut	2L:+:36691140-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_63869	KLENLQALATR	AGAP006686-PA	-	88	9.94E-09	2	1256.732	0.04	Pupa	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_64090	MQEIVTLWESLVR	AGAP006686-PA	M1(Oxidation)	113	6.41E-11	1	1603.849	-1.34	Midgut	2L:+:36692166-36692204	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_64739	QIEDLYLTFAK	AGAP006686-PA	-	70	1.06E-06	1	1340.710	0.15	Malpighian tubule	2L:+:36698593-36698625	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_64953	LNEANTLHQFFR	AGAP006686-PA	-	91	1.16E-08	1	1489.757	1.31	Visceras	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_65095	KLENLQALATR	AGAP006686-PA	-	88	8.52E-09	2	1256.732	-0.35	Visceras	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_65452	ETENVQSFEEIENAFR	AGAP006686-PA	-	109	1.61E-10	2	1941.888	3.05	Larva	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_65916	LQLATEESYKDPANIQSK	AGAP006686-PA	-	48	0.000231494	1	2035.034	-0.07	Pupa	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_66058	FLADFR	AGAP006686-PA	-	37	0.001521554	2	768.406	2.03	Midgut	2L:+:36691305-36691322	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_66067	LQAASEESYRDPTNLQAK	AGAP006686-PA	-	108	2.73E-10	1	2020.987	-3.38	Midgut	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_66326	LWELLLSR	AGAP006686-PA	-	69	7.66E-07	2	1029.610	0.58	Visceras	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_66405	TGHPITGALDYVEFTR	AGAP006686-PA	-	79	2.31E-07	1	1776.892	-0.04	Ovary	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_66705	LFGAHEIQR	AGAP006686-PA	Q8(Deamidated)	53	4.97E-05	1	1070.574	-0.28	Head	2L:+:36690960-36690986	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_66714	ALDVFATK	AGAP006686-PA	-	42	0.000610132	2	864.485	2.33	Malpighian tubule	2L:+:36691782-36691805	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_66779	DVAGAEALLER	AGAP006686-PA	-	94	5.38E-09	2	1143.600	-0.31	Visceras	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_67187	DIADEESWIK	AGAP006686-PA	-	70	1.26E-06	2	1205.569	0.51	Salivary gland	2L:+:36697566-36697595	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_67197	AINGHEEK	AGAP006686-PA	-	30	0.007675287	2	897.444	1.27	Head	2L:+:36696729-36696752	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_67651	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	31	0.005146464	3	2166.161	-2.57	Midgut	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_67686	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	147	8.98E-15	1	2166.180	6.31	Larva	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA

JHU_Ag_67807	VAALGTEAGR	AGAP006686-PA	-	51	0.000164 86	2	944.517	1.49	Pupa	2L:+:36691140-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68084	DLAALQDK	AGAP006686-PA	Q6(Deamidated)	56	6.89E-05	1	874.451	-1.22	Midgut	2L:+:36693882-36693905	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68189	ADVVESWIADKENHVK	AGAP006686-PA	-	111	1.03E-10	1	1839.927	1.99	Midgut	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_68211	EHYAAAEVQEK	AGAP006686-PA	-	72	9.13E-07	1	1274.601	-0.24	Male reproductive organs	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68328	HDAFETDFAVHR	AGAP006686-PA	-	78	1.59E-07	1	1444.658	-2.03	Head	2L:+:36697986-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_68582	VTEVNELADK	AGAP006686-PA	-	61	1.45E-05	2	1117.569	-3.77	Midgut	2L:+:36690822-36690851	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68597	RLEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	134	3.95E-13	1	2376.220	1.92	Midgut	2L:+:36697674-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_68648	IEDITATGQELATK	AGAP006686-PA	-	94	7.14E-09	1	1489.775	0.38	Malpighian tubule	2L:+:36692091-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68875	VAANKFVESGHFDADNIR	AGAP006686-PA	-	133	7.90E-13	1	1989.987	4.76	Malpighian tubule	2L:+:36692424-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68878	HQLVEADIHAHEDR	AGAP006686-PA	-	84	6.42E-08	1	1669.800	-2.23	Midgut	2L:+:36697350-36697391	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_68932	FATDDSYLDPTNLNGK	AGAP006686-PA	N14(Deamidated)	101	8.85E-10	2	1771.810	4.69	Midgut	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68992	EHYAADKVNAR	AGAP006686-PA	N9(Deamidated)	34	0.005838 519	1	1274.601	-8.69	Salivary gland	2L:+:36692133-36692165	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_68993	EAFLNAEEVDSKGDNVEALIK	AGAP006686-PA	-	92	1.04E-08	1	2291.143	1.05	Ovary	2L:+:36696645-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_69025	DIADEESWIKEK	AGAP006686-PA	-	50	0.000149 229	1	1462.708	1.34	Salivary gland	2L:+:36697566-36697601	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_69062	QEAFLANEDLGDSLDSVEALIK	AGAP006686-PA	-	108	2.08E-10	1	2377.180	1.44	Malpighian tubule	2L:+:36691665-36691730	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_69072	YTEHSTVGLAQQWDQLDQLAMR	AGAP006686-PA	M21(Oxidation)	132	9.56E-13	1	2606.228	-1.09	Midgut	2L:+:36700924-36700989	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_69154	NQSGVSEDSLK	AGAP006686-PA	-	36	0.003186 646	1	1163.554	0.49	Malpighian tubule	2L:+:36701026-36701058	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_69296	QTQINSQYDNLLALAR	AGAP006686-PA	-	109	1.73E-10	1	1847.966	2.6	Malpighian tubule	2L:+:36693342-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_69448	ALNQAWTELKGLAATR	AGAP006686-PA	-	105	2.42E-10	1	1742.964	5.46	Malpighian tubule	2L:+:36697791-36697838	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_69502	EHYAADKVNAR	AGAP006686-PA	N9(Deamidated)	35	0.004390 169	1	1274.594	-14.82	Head	2L:+:36692133-36692165	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_69830	EAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	98	2.14E-09	2	2432.174	0.48	Midgut	2L:+:36690714-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_69847	DLSTVQTLLTK	AGAP006686-PA	-	70	8.22E-07	1	1218.694	-0.42	Salivary gland	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_69975	LWELLLSR	AGAP006686-PA	-	65	1.99E-06	2	1029.610	0.94	Pupa	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_70111	KHEDFDK	AGAP006686-PA	-	41	0.001178 191	1	918.437	5.61	Head	2L:+:36696708-36696728	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_70540	LFGAHEIQR	AGAP006686-PA	-	54	3.63E-05	1	1070.577	2.23	Salivary gland	2L:+:36690960-36690986	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_70683	DSDELESWINEK	AGAP006686-PA	-	93	3.50E-09	2	1464.651	1.59	Midgut	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_70849	TSLMDGSGSLEEQFEALCHK	AGAP006686-PA	M4(Oxidation), C18(Carbamidomethyl)	68	1.23E-06	2	2254.990	-2.57	Midgut	2L:+:36700774-36700833	exon=> In CDS Exon 4 of transcript AGAP006686-PA

JHU_Ag_70865	HANLFHQWLTETR	AGAP006686-PA	-	77	3.35E-07	1	1652.833	2.48	Malpighian tubule	2L:+:36698968-36699005,36700773-36700773	exon=> In CDS Exon 3 and 4 of transcript AGAP006686-PA
JHU_Ag_71077	LTQIADQWEYLTQK	AGAP006686-PA	-	115	4.26E-11	1	1736.888	1.33	Visceras	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_71341	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	142	3.94E-14	1	2166.172	2.33	Pupa	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_71401	KHQLVEADIHAHEDR	AGAP006686-PA	-	49	0.000158053	1	1797.899	-0.11	Visceras	2L:+:36697347-36697391	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_71560	DVGEDLEEVEVLQK	AGAP006686-PA	Q13(Deamidated)	119	1.78E-11	1	1602.780	3.36	Head	2L:+:36693498-36693539	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_71569	DADETVAWIAEKDVVLSSDDYGR	AGAP006686-PA	-	34	0.006162553	1	2554.192	-1.12	Midgut	2L:+:36690996-36691064	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_71586	LLDSLQVQQLFR	AGAP006686-PA	-	106	1.67E-10	1	1459.833	4.37	Salivary gland	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_71723	VAALGTEAGR	AGAP006686-PA	-	66	4.40E-06	2	944.516	0.14	Head	2L:+:36691140-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_72020	TYIAAVK	AGAP006686-PA	-	48	7.74E-05	2	765.450	-0.15	Midgut	2L:+:36697236-36697256	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_72802	DLIGVQNLIK	AGAP006686-PA	-	68	8.12E-07	2	1112.668	0.41	Male reproductive organs	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_72984	KHDAFETDFAVHR	AGAP006686-PA	-	78	2.14E-07	1	1572.760	2.94	Malpighian tubule	2L:+:36697983-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_73081	FVESGHFDADNIR	AGAP006686-PA	-	79	1.43E-07	1	1506.700	1.74	Malpighian tubule	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_73316	QTQINSQYDNLLALAR	AGAP006686-PA	-	74	4.95E-07	2	1847.969	4.19	Salivary gland	2L:+:36693342-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_73401	DVDETKDWIAEK	AGAP006686-PA	-	71	1.10E-06	1	1448.693	1.96	Malpighian tubule	2L:+:36693762-36693797	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_73445	DADEIENWIAEK	AGAP006686-PA	-	84	4.52E-08	2	1432.665	3.89	Midgut	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_73631	LGDEQTLQQFSR	AGAP006686-PA	-	98	2.75E-09	1	1421.710	5.38	Malpighian tubule	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_73643	YTEHSTVGLAQQWDQLDQLAMR	AGAP006686-PA	M21(Oxidation)	114	5.79E-11	1	2606.231	0.31	Head	2L:+:36700924-36700989	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_73937	DLEDEAAWIR	AGAP006686-PA	-	79	1.25E-07	1	1217.582	1.9	Salivary gland	2L:+:36692583-36692612	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_74151	GVQTLQR	AGAP006686-PA	-	47	0.000355858	2	801.461	4.25	Malpighian tubule	2L:+:36693840-36693860	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_74164	KNDVLTLLNSNNK	AGAP006686-PA	-	74	3.73E-07	2	1472.812	3.49	Ovary	2L:+:36693177-36693215	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_74256	TSLMDGSGSLEEQFEALCHK	AGAP006686-PA	M4(Oxidation), C18(Carbamidomethyl)	75	2.82E-07	1	2255.002	2.71	Head	2L:+:36700774-36700833	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_74370	GDNVEALIK	AGAP006686-PA	-	50	0.000178012	2	958.518	-2.56	Head	2L:+:36696681-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_74601	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	185	5.03E-18	1	2675.309	5.39	Head	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_74821	ALDVFATKLIDGQHYAADDVAQR	AGAP006686-PA	-	95	4.58E-09	1	2517.288	5.97	Malpighian tubule	2L:+:36691782-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_74927	LDESLIYQQFLAK	AGAP006686-PA	-	117	2.04E-11	1	1567.838	0.95	Head	2L:+:36697848-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_74998	AGTFSAFEQFGNELLQANHYAAPEIQEK	AGAP006686-PA	N18(Deamidated)	204	5.08E-20	1	3110.500	4.8	Head	2L:+:36696426-36696509	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_75102	LIDGQHYAADDVAQR	AGAP006686-PA	-	43	0.000834318	1	1671.807	-0.7	Pupa	2L:+:36691806-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_75331	ISSVLAMGSNLIDR	AGAP006686-PA	M7(Oxidation)	91	1.03E-08	1	1491.787	2.52	Malpighian tubule	2L:+:36697068-36697109	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_75458	ILESAEDIQER	AGAP006686-PA	-	82	1.31E-07	1	1302.655	1	Head	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_75483	LCSIHADHSEQIR	AGAP006686-PA	C2(Carbamidomethyl)	42	0.001140 35	1	1565.751	1.54	Malpighian tubule	2L:+:36691170-36691208	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_75492	SSLLVLWEDRR	AGAP006686-PA	-	37	0.002118 524	3	1373.760	4.51	Ovary	2L:+:36691557-36691589	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_75625	LLNMQDQFR	AGAP006686-PA	M4(Oxidation)	41	0.001353 511	2	1164.583	0.2	Ovary	2L:+:36698566-36698592	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_75693	HQAVLAEINNHESR	AGAP006686-PA	-	83	8.03E-08	1	1617.812	1.73	Midgut	2L:+:36692685-36692726	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_75778	SRIEDITATGQELATK	AGAP006686-PA	-	104	3.89E-10	1	1732.927	11.41	Ovary	2L:+:36692085-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_75822	QETFDAGLSAFEHEGIHNITALK	AGAP006686-PA	-	127	3.03E-12	1	2528.244	0.73	Head	2L:+:36698304-36698322,36698402-36698451	exon=> In CDS Exon 2 and 3 of transcript AGAP006686-PA
JHU_Ag_75840	FVESGHFDADNIR	AGAP006686-PA	-	104	4.51E-10	1	1506.700	1.5	Head	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_75904	LNEIAIQLTSLGQTEAALK	AGAP006686-PA	-	116	8.77E-12	2	2013.121	-0.73	Head	2L:+:36693594-36693650	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_75992	VEEEEAWITEK	AGAP006686-PA	-	68	2.25E-06	1	1362.647	3.2	Salivary gland	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_76330	DLSTVQTLLTK	AGAP006686-PA	-	75	1.88E-07	2	1218.696	1.48	Visceras	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_76397	NQCSGSEEAVQK	AGAP006686-PA	C3(Carbamidomethyl)	52	4.30E-05	2	1336.579	-0.78	Head	2L:+:36697110-36697145	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_76651	DLSTVQTLLTK	AGAP006686-PA	-	70	6.88E-07	1	1218.696	1.68	Malpighian tubule	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_76712	LDESLIYQQFLAK	AGAP006686-PA	-	97	1.70E-09	1	1567.838	1.11	Ovary	2L:+:36697848-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_76909	DTEQADTWMAK	AGAP006686-PA	M9(Oxidation)	46	0.000125 998	2	1311.557	3.5	Head	2L:+:36691632-36691664	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_77139	KLENLQALATR	AGAP006686-PA	-	78	9.53E-08	1	1256.735	2.37	Salivary gland	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_77150	LMQSHPDTAEQTYAK	AGAP006686-PA	M2(Oxidation)	56	3.97E-05	1	1735.800	2.35	Malpighian tubule	2L:+:36693936-36693980	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_77159	SSLLVLWEDRR	AGAP006686-PA	-	62	7.22E-06	1	1373.753	-0.13	Midgut	2L:+:36691557-36691589	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_77402	DLAALEDKVAALGTEAGR	AGAP006686-PA	-	48	0.000175 04	3	1799.954	2.5	Salivary gland	2L:+:36691116-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_77457	RLEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	75	2.75E-07	1	2376.223	3.08	Malpighian tubule	2L:+:36697674-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_77504	SLAAQEEKIK	AGAP006686-PA	-	53	6.66E-05	1	1116.630	3.22	Malpighian tubule	2L:+:36691752-36691781	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_77510	QEAFLANEDLGDSLDSVEALIK	AGAP006686-PA	-	93	7.51E-09	2	2377.176	-0.51	Midgut	2L:+:36691665-36691730	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_77795	LDESYFLHR	AGAP006686-PA	-	61	1.24E-05	2	1179.584	4.3	Ovary	2L:+:36691278-36691304	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_77937	DIADEESWIKEK	AGAP006686-PA	-	88	2.37E-08	1	1462.710	2.93	Head	2L:+:36697566-36697601	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_78182	EPIVSNQDYGKDEDSSEALLK	AGAP006686-PA	-	75	4.82E-07	1	2337.120	4.52	Midgut	2L:+:36692937-36692999	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_78210	QIEDLYLTFAK	AGAP006686-PA	-	45	0.000343 845	2	1340.711	0.97	Visceras	2L:+:36698593-36698625	exon=> In CDS Exon 3 of transcript AGAP006686-PA

JHU_Ag_78235	LTQIADQWEYLTQK	AGAP006686-PA	-	96	3.50E-09	2	1736.895	5.69	Larva	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_78409	KIEELGATLEEHLILDNR	AGAP006686-PA	-	87	8.32E-09	1	2093.150	12.6	Ovary	2L:+:36700870-36700923	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_78570	LLDSYDLQR	AGAP006686-PA	-	58	2.73E-05	2	1122.579	0.02	Ovary	2L:+:36694044-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_78607	HQAVLAEINNHESR	AGAP006686-PA	-	55	5.40E-05	1	1617.808	-0.76	Ovary	2L:+:36692685-36692726	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_78837	LGDEQTLQQFSR	AGAP006686-PA	-	104	6.64E-10	1	1421.707	3.75	Salivary gland	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_78848	AGTFSAFEQFGNELLQANHYAAPEIQEK	AGAP006686-PA	-	227	2.96E-22	1	3110.484	-0.38	Salivary gland	2L:+:36696426-36696509	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_78879	ENALNNDELGK	AGAP006686-PA	-	54	4.53E-05	2	1216.585	3.92	Ovary	2L:+:36693798-36693830	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_78991	LMDVSNLGVPEIEQR	AGAP006686-PA	M2(Oxidation)	108	2.33E-10	2	1715.873	5.75	Malpighian tubule	2L:+:36697740-36697784	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_79274	LNEANTLHQFFR	AGAP006686-PA	-	77	3.44E-07	1	1489.759	2.86	Salivary gland	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_79315	TSLMDGSGSLEEQFEALCHK	AGAP006686-PA	M4(Oxidation), C18(Carbamidomethyl)	61	6.35E-06	1	2254.999	1.57	Male reproductive organs	2L:+:36700774-36700833	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_79422	LENLQALATR	AGAP006686-PA	-	62	7.89E-06	2	1128.641	3.08	Salivary gland	2L:+:36698124-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_79525	VEEEEAWITEK	AGAP006686-PA	-	60	1.21E-05	2	1362.644	0.96	Pupa	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_79608	DMNSQADSLVESGQFDSAGIQEK	AGAP006686-PA	M2(Oxidation),"M2(Oxidation), N3(Deamidated)","M2(Oxidation), Q14(Deamidated)","M2(Oxidation), Q5(Deamidated)"	172	6.21E-17	1	2472.090	2.76	Head	2L:+:36697398-36697466	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_79767	QETFDAGLSAFEHEGIHNITALK	AGAP006686-PA	-	134	5.66E-13	1	2528.256	5.56	Ovary	2L:+:36698304-36698322,36698402-36698451	exon=> In CDS Exon 2 and 3 of transcript AGAP006686-PA
JHU_Ag_79978	ALNQAWTELK	AGAP006686-PA	-	71	1.37E-06	1	1173.627	0.18	Male reproductive organs	2L:+:36697791-36697820	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_80897	VTEVNELADKLLFGGHPER	AGAP006686-PA	-	153	5.05E-15	1	2124.112	1.66	Ovary	2L:+:36690822-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_81100	DTEQADTWMAK	AGAP006686-PA	M9(Oxidation)	70	7.23E-07	1	1295.557	-0.29	Midgut	2L:+:36691632-36691664	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_81121	LQEASQQQQFNR	AGAP006686-PA	-	106	4.30E-10	1	1476.721	1.08	Head	2L:+:36692229-36692264	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_81544	DEDSSEALLK	AGAP006686-PA	-	53	7.97E-05	2	1106.524	2.26	Malpighian tubule	2L:+:36692970-36692999	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_81715	LNEIAIQLTSLGQTEAALK	AGAP006686-PA	-	74	1.39E-07	2	2013.126	1.57	Visceras	2L:+:36693594-36693650	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_81885	LMQSHPDTAEQTYAK	AGAP006686-PA	M2(Oxidation)	65	4.61E-06	1	1735.801	3.09	Ovary	2L:+:36693936-36693980	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82034	NDVLTLLNSNNK	AGAP006686-PA	-	54	5.21E-05	2	1344.714	1.92	Malpighian tubule	2L:+:36693180-36693215	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82062	KLENLQALATR	AGAP006686-PA	N4(Deamidated),Q6(Deamidated),"N4(Deamidated), Q6(Deamidated)"	102	3.69E-10	2	1256.732	-0.05	Head	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_82113	LFGAHEIQR	AGAP006686-PA	-	35	0.003061563	1	1070.579	4.92	Ovary	2L:+:36690960-36690986	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_82173	DIADEESWIK	AGAP006686-PA	-	61	1.17E-05	1	1205.566	-1.75	Midgut	2L:+:36697566-36697595	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_82175	YAALAEPMSIR	AGAP006686-PA	-	43	0.000883923	2	1221.631	1	Ovary	2L:+:36692505-36692537	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82181	TGHPITGALDYVEFTR	AGAP006686-PA	-	98	3.06E-09	1	1776.894	1.2	Male reproductive organs	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_82297	IKDMNSQADSLVESGQFDSAGIQEK	AGAP006686-PA	M4(Oxidation)	116	3.57E-11	1	2713.263	0.35	Male reproductive organs	2L:+:36697392-36697466	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_82301	DIADEESWIK	AGAP006686-PA	-	49	0.000177714	2	1205.569	0.41	Ovary	2L:+:36697566-36697595	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_82446	LQQALVLVQFLR	AGAP006686-PA	-	100	7.45E-11	1	1427.879	3.83	Salivary gland	2L:+:36690642-36690677	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82464	QTQINSQYDNLLALAR	AGAP006686-PA	-	123	6.24E-12	1	1847.970	4.91	Visceras	2L:+:36693342-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82508	KHEGVER	AGAP006686-PA	-	31	0.007612359	1	854.450	2.21	Malpighian tubule	2L:+:36691095-36691115	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82554	KQDLEDSLQAHQYFADANEAESWMR	AGAP006686-PA	M24(Oxidation)	101	5.07E-10	1	2998.325	-0.86	Midgut	2L:+:36692856-36692930	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82608	TQIQTLNEEWATLQTITQER	AGAP006686-PA	-	125	3.86E-12	2	2403.224	3.66	Head	2L:+:36693657-36693716	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_82823	DPANIQSK	AGAP006686-PA	-	57	1.42E-05	1	872.449	2.37	Head	2L:+:36696993-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_82912	EKEPVAASTNR	AGAP006686-PA	-	40	0.0014464	2	1201.621	3.08	Malpighian tubule	2L:+:36692613-36692645	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_83099	GRDLIGVQNLIK	AGAP006686-PA	-	59	4.03E-06	1	1325.790	0.01	Male reproductive organs	2L:+:36692646-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_83214	VEVNDR	AGAP006686-PA	-	37	0.002482442	2	731.372	4.66	Ovary	2L:+:36693228-36693245	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_83251	LQLATEESYKDPANIQSK	AGAP006686-PA	-	132	8.15E-13	1	2035.033	-0.64	Head	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_83576	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	176	1.33E-17	1	2166.169	1.07	Head	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_83712	RQTQINSQYDNLLALAR	AGAP006686-PA	-	70	7.34E-07	1	2004.067	2.22	Head	2L:+:36693339-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_83893	TGHPITGALDYVEFTR	AGAP006686-PA	-	87	3.55E-08	1	1776.905	7.59	Salivary gland	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_83941	TGHPITGALDYVEFTR	AGAP006686-PA	-	86	3.94E-08	1	1776.893	0.51	Midgut	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_84202	QTQINSQYDNLLALAR	AGAP006686-PA	-	145	3.88E-14	1	1847.967	3.39	Head	2L:+:36693342-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_84233	LDALKDQWNSLK	AGAP006686-PA	-	39	0.001855984	1	1430.764	0.38	Male reproductive organs	2L:+:36692802-36692837	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_84317	LIDGQHYAADDVAQR	AGAP006686-PA	-	108	2.50E-10	1	1671.816	4.48	Malpighian tubule	2L:+:36691806-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_84522	CNSIEEIK	AGAP006686-PA	C1(Carbamidomethyl)	46	0.000411464	2	992.471	-1.15	Midgut	2L:+:36698689-36698712	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_84690	DVVLSSDDYGR	AGAP006686-PA	-	50	0.000120341	2	1225.569	-0.15	Pupa	2L:+:36691032-36691064	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_85028	FLSDYR	AGAP006686-PA	-	31	0.006155429	2	800.394	0.5	Head	2L:+:36694071-36694088	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_85165	DVDETK	AGAP006686-PA	-	39	0.001822108	1	706.325	-0.31	Midgut	2L:+:36693762-36693779	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_85239	GQKLDESLIYQQFLAK	AGAP006686-PA	-	66	2.21E-06	1	1881.009	-1.53	Midgut	2L:+:36697839-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_85500	LLEDSNALQQFER	AGAP006686-PA	-	113	8.32E-11	1	1562.782	0.75	Male reproductive organs	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_85540	KIDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	79	9.76E-08	1	2192.164	-1.52	Midgut	2L:+:36693276-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_85655	HANLFHQWLTETR	AGAP006686-PA	-	81	1.31E-07	2	1652.832	1.78	Head	2L:+:36698968-36699005,36700773-36700773	exon=> In CDS Exon 3 and 4 of transcript AGAP006686-PA
JHU_Ag_85944	LQAASEESYRDPTNLQAK	AGAP006686-PA	-	104	5.82E-10	1	2021.021	13.69	Ovary	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_86212	ALNQAWTELK	AGAP006686-PA	-	79	2.38E-07	1	1173.626	-0.24	Pupa	2L:+:36697791-36697820	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_86478	QETFDAGLSAFEHEGIHNITALK	AGAP006686-PA	-	95	5.50E-09	1	2528.242	0.25	Visceras	2L:+:36698304-36698322,36698402-36698451	exon=> In CDS Exon 2 and 3 of transcript AGAP006686-PA
JHU_Ag_86692	DVGEDLEEVEVLQK	AGAP006686-PA	-	100	1.46E-09	2	1601.790	-0.14	Salivary gland	2L:+:36693498-36693539	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_86752	LNEANTLHQFFR	AGAP006686-PA	-	86	4.00E-08	1	1489.760	3.85	Ovary	2L:+:36697530-36697565	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_86965	LQQALVLVQFLR	AGAP006686-PA	-	106	2.02E-11	2	1427.879	3.83	Visceras	2L:+:36690642-36690677	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_86998	LLFGGHPER	AGAP006686-PA	-	53	4.83E-05	1	1025.552	-1.15	Midgut	2L:+:36690852-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_87146	DLAALEDK	AGAP006686-PA	-	57	4.47E-05	1	874.452	0.8	Salivary gland	2L:+:36691116-36691139	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_87364	LIDGQHYAADDVAQRR	AGAP006686-PA	-	34	0.00513219	1	1827.909	-0.24	Pupa	2L:+:36691806-36691853	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_87839	SSLLVLWEDRR	AGAP006686-PA	-	43	0.000467671	1	1373.760	4.94	Head	2L:+:36691557-36691589	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_87944	IKDMNSQADSLVESGQFDSAGIQEK	AGAP006686-PA	M4(Oxidation)	131	9.40E-13	1	2713.272	3.66	Salivary gland	2L:+:36697392-36697466	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_88005	KHDAFETDFAVHR	AGAP006686-PA	-	80	1.52E-07	1	1572.754	-1.09	Head	2L:+:36697983-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_88080	LWELLLSR	AGAP006686-PA	-	65	3.11E-06	2	1029.609	-0.13	Male reproductive organs	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_88239	DLIGVQNLIK	AGAP006686-PA	-	46	0.000126579	2	1112.669	1.39	Pupa	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_88364	LWELLLSR	AGAP006686-PA	-	64	2.27E-06	2	1029.612	2.24	Head	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_88908	DLSTVQTLLTK	AGAP006686-PA	-	64	2.98E-06	2	1218.694	0.08	Head	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_89252	EHYAAAEVQEK	AGAP006686-PA	-	67	2.59E-06	1	1274.606	4.15	Larva	2L:+:36691500-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_89388	LGDEQTLQQFSR	AGAP006686-PA	-	40	0.001585499	2	1421.706	2.89	Larva	2L:+:36696891-36696926	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_89548	VEEEEAWITEK	AGAP006686-PA	-	82	9.51E-08	2	1362.646	2.57	Head	2L:+:36697887-36697919	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_89592	LLNMQDQFR	AGAP006686-PA	M4(Oxidation)	68	2.56E-06	2	1164.582	-1.16	Midgut	2L:+:36698566-36698592	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_89607	RQTQINSQYDNLLALAR	AGAP006686-PA	-	63	4.86E-06	1	2004.060	-1.26	Male reproductive organs	2L:+:36693339-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_90026	DLAALQDK	AGAP006686-PA	Q6(Deamidated)	57	4.47E-05	1	874.452	0.81	Salivary gland	2L:+:36693882-36693905	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_90099	YSEFKLETR	AGAP006686-PA	-	38	0.001954005	2	1172.598	2.5	Malpighian tubule	2L:+:36690285-36690311	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_90188	VTEVNELADK	AGAP006686-PA	-	61	1.29E-05	2	1117.576	2.45	Salivary gland	2L:+:36690822-36690851	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_90208	DLAALEDK	AGAP006686-PA	-	56	6.89E-05	1	874.451	-1.22	Midgut	2L:+:36691116-36691139	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_90253	ETENVQSFEEIENAFR	AGAP006686-PA	-	123	6.13E-12	1	1941.882	-0.47	Midgut	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_90276	LLNMQDQFR	AGAP006686-PA	M4(Oxidation)	58	2.32E-05	1	1164.583	-0.42	Head	2L:+:36698566-36698592	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_90362	LLVGSDDYGRDLTGVQNLK	AGAP006686-PA	-	36	0.002707698	1	2063.089	5.73	Head	2L:+:36697605-36697661	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_90376	HTNFEHELTANK	AGAP006686-PA	-	53	7.40E-05	1	1440.686	-0.28	Pupa	2L:+:36692049-36692084	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_90457	HQAFEAELAANADR	AGAP006686-PA	-	102	8.87E-10	1	1542.714	-9.94	Ovary	2L:+:36697026-36697067	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_90484	RHEDVLTR	AGAP006686-PA	-	49	0.000106679	2	1025.553	4.45	Midgut	2L:+:36698500-36698523	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_90769	VAALGTEAGR	AGAP006686-PA	-	60	2.04E-05	2	944.517	1.17	Salivary gland	2L:+:36691140-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_90926	QKEINEEWQQVVTK	AGAP006686-PA	-	73	7.00E-07	1	1758.906	2.42	Head	2L:+:36693981-36694022	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_91002	LTQIADQWEYLTQK	AGAP006686-PA	-	104	5.77E-10	2	1736.890	2.74	Pupa	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_91653	RDSDELESWINEK	AGAP006686-PA	-	97	2.30E-09	1	1620.757	4.2	Malpighian tubule	2L:+:36690360-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_91942	GQKLDESLIYQQFLAK	AGAP006686-PA	-	53	4.39E-05	1	1881.021	5.05	Head	2L:+:36697839-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_92077	DLSTVQTLLTK	AGAP006686-PA	-	70	6.53E-07	2	1218.695	0.88	Pupa	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_92080	ILESAEDIQERR	AGAP006686-PA	-	42	0.001074683	1	1458.760	3.87	Malpighian tubule	2L:+:36690231-36690266	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_92107	TYIAAVK	AGAP006686-PA	-	31	0.003455328	2	765.452	1.76	Malpighian tubule	2L:+:36697236-36697256	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_92244	LEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	82	8.80E-08	1	2220.115	0.18	Male reproductive organs	2L:+:36697677-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_92330	EAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	78	2.56E-07	1	2432.181	3.13	Malpighian tubule	2L:+:36690714-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_92604	LCSIHADHSEQIR	AGAP006686-PA	C2(Carbamidomethyl)	100	1.70E-09	1	1565.754	3.35	Male reproductive organs	2L:+:36691170-36691208	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_92827	LTQIADQWEYLTQK	AGAP006686-PA	-	100	1.48E-09	2	1736.888	1.68	Salivary gland	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_92839	IKDMNSQADSLVESGQFDSAGIQEK	AGAP006686-PA	M4(Oxidation)	71	1.12E-06	1	2697.276	3.11	Ovary	2L:+:36697392-36697466	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_92843	EVHRQEENDK	AGAP006686-PA	-	45	0.000326778	2	1283.599	1	Malpighian tubule	2L:+:36698917-36698946	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_93013	DTEQADTWMAK	AGAP006686-PA	-	43	0.000370116	2	1295.557	0.08	Malpighian tubule	2L:+:36691632-36691664	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_93075	LEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	62	8.77E-06	1	2220.115	0.43	Salivary gland	2L:+:36697677-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_93444	EKLLDSYDLQR	AGAP006686-PA	-	39	0.002141369	1	1379.715	-1.13	Ovary	2L:+:36694038-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_93708	LTQIADQWEYLTQKTTEK	AGAP006686-PA	-	85	3.71E-08	1	2196.130	5.16	Malpighian tubule	2L:+:36697149-36697202	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_93805	EAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	66	3.99E-06	1	2432.180	2.75	Visceras	2L:+:36690714-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_94033	LDESYFLHR	AGAP006686-PA	-	61	1.16E-05	2	1179.577	-2.22	Male reproductive organs	2L:+:36691278-36691304	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_94228	EAADLAAWIK	AGAP006686-PA	-	52	0.000123155	2	1087.579	0.33	Malpighian tubule	2L:+:36693441-36693470	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_94425	RLEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	132	5.97E-13	1	2376.224	3.69	Ovary	2L:+:36697674-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA

JHU_Ag_94575	LMDVSNLGVPEIEQR	AGAP006686-PA	M2(Oxidation)	79	1.96E-07	2	1715.869	3.19	Ovary	2L:+:36697740-36697784	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_94611	ILESAEDIQER	AGAP006686-PA	-	81	1.68E-07	1	1302.653	-0.69	Visceras	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_94675	ASQLGSAHEVQR	AGAP006686-PA	-	99	1.67E-09	1	1282.654	3.09	Malpighian tubule	2L:+:36693717-36693752	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_94792	HLKEDLIEK	AGAP006686-PA	-	35	0.001952288	1	1124.630	-1.32	Head	2L:+:36696855-36696881	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_94922	DLIGVQNLIK	AGAP006686-PA	-	57	1.06E-05	2	1112.667	-0.14	Midgut	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_94954	IEDITATGQELATK	AGAP006686-PA	-	83	8.37E-08	1	1489.778	2.02	Pupa	2L:+:36692091-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_94982	GRDLIGVQNLIK	AGAP006686-PA	-	64	1.22E-06	1	1325.790	0.22	Salivary gland	2L:+:36692646-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_95159	LAKLNEIAIQLTSLGQTEAALK	AGAP006686-PA	-	61	6.75E-07	1	2325.353	5.91	Malpighian tubule	2L:+:36693585-36693650	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_95221	KASAFNSWFENAEEDLTDPVR	AGAP006686-PA	-	63	7.17E-06	1	2426.137	4.53	Head	2L:+:36698626-36698688	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_95806	HQLVEADIHAHEDR	AGAP006686-PA	-	112	9.93E-11	1	1669.801	-1.71	Head	2L:+:36697350-36697391	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_95988	FATDDSYLDPTNLNGK	AGAP006686-PA	N14(Deamidated)	75	3.77E-07	2	1770.823	2.97	Salivary gland	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_96080	LMDVSNLGVPEIEQR	AGAP006686-PA	M2(Oxidation)	90	1.50E-08	2	1715.873	5.89	Salivary gland	2L:+:36697740-36697784	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_96557	DLEDEAAWIR	AGAP006686-PA	-	69	1.51E-06	1	1217.585	4.07	Midgut	2L:+:36692583-36692612	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_96584	YAALAEPMSIRK	AGAP006686-PA	M8(Oxidation)	57	2.56E-05	1	1365.720	0.33	Male reproductive organs	2L:+:36692505-36692540	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_96599	IDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	74	4.68E-07	1	2064.075	1.34	Head	2L:+:36693279-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_96627	QETFDAGLSAFEHEGIHNITALK	AGAP006686-PA	-	123	8.83E-12	1	2528.245	1.31	Midgut	2L:+:36698304-36698322,36698402-36698451	exon=> In CDS Exon 2 and 3 of transcript AGAP006686-PA
JHU_Ag_96703	GVQTLQR	AGAP006686-PA	-	39	0.002102027	2	801.460	2.35	Ovary	2L:+:36693840-36693860	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_97011	DLAALEDK	AGAP006686-PA	-	59	2.62E-05	1	874.454	2.55	Head	2L:+:36691116-36691139	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_97065	VTEVNELADKLLFGGHPER	AGAP006686-PA	-	73	5.10E-07	1	2124.109	0.13	Malpighian tubule	2L:+:36690822-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_97186	FVESGHFDADNIR	AGAP006686-PA	-	93	5.58E-09	1	1506.697	0.12	Male reproductive organs	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_97267	RQTQINSQYDNLLALAR	AGAP006686-PA	-	43	0.000385733	1	2004.074	5.87	Salivary gland	2L:+:36693339-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_97636	LKQLAILR	AGAP006686-PA	-	25	0.002114225	2	954.646	-0.12	Midgut	2L:+:36690927-36690950	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_97885	LNEIAIQLTSLGQTEAALK	AGAP006686-PA	-	61	2.34E-06	2	2013.129	2.96	Ovary	2L:+:36693594-36693650	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_97899	KLENLQALATR	AGAP006686-PA	-	74	2.48E-07	2	1256.736	3.15	Ovary	2L:+:36698121-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_98077	KFDDFNDDLK	AGAP006686-PA	-	47	0.000165946	2	1256.580	0.75	Malpighian tubule	2L:+:36693540-36693569	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_98093	RQTQINSQYDNLLALAR	AGAP006686-PA	-	63	3.61E-06	1	2004.068	2.95	Malpighian tubule	2L:+:36693339-36693389	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_98242	HTNFEHELTANK	AGAP006686-PA	-	50	0.000161134	2	1440.687	0.45	Male reproductive organs	2L:+:36692049-36692084	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_98583	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	132	9.62E-13	1	2675.303	3.13	Salivary gland	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_98651	DLAALQDK	AGAP006686-PA	Q6(Deamidated)	55	6.64E-05	1	873.470	2.21	Male reproductive organs	2L:+:36693882-36693905	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_98764	KIDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	62	4.70E-06	1	2192.175	3.77	Ovary	2L:+:36693276-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_98780	LIDGQHYAADDVAQR	AGAP006686-PA	-	110	1.59E-10	1	1671.802	-3.85	Midgut	2L:+:36691806-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_98835	TSLMDGSGSLEEQFEALCHKANEIR	AGAP006686-PA	M4(Oxidation), C18(Carbamidomethyl)	109	1.66E-10	1	2838.313	3.51	Malpighian tubule	2L:+:36700774-36700848	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_99123	RLEAELASHEPAIQAVQEAGEK	AGAP006686-PA	-	117	1.97E-11	1	2376.216	0.07	Male reproductive organs	2L:+:36697674-36697739	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_99343	DLIGVQNLIKK	AGAP006686-PA	-	42	9.53E-05	1	1240.767	3.91	Malpighian tubule	2L:+:36692652-36692684	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_99590	LQLATEESYKDPANIQSK	AGAP006686-PA	-	87	2.65E-08	1	2035.036	0.74	Salivary gland	2L:+:36696963-36697016	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_99671	DADETVAWIAEK	AGAP006686-PA	-	88	2.17E-08	2	1347.643	-0.01	Male reproductive organs	2L:+:36690996-36691031	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_99735	ASAFNSWFENAEEDLTDPVR	AGAP006686-PA	-	85	3.51E-08	1	2298.035	1.92	Salivary gland	2L:+:36698629-36698688	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_99920	QAEIAAYWQSLTAK	AGAP006686-PA	-	96	3.82E-09	2	1579.811	-0.6	Midgut	2L:+:36691215-36691256	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_100105	LLDSLQVQQLFR	AGAP006686-PA	-	84	2.39E-08	2	1459.830	1.94	Pupa	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_100127	QKEINEEWQQVVTK	AGAP006686-PA	-	58	1.82E-05	2	1758.915	7.28	Malpighian tubule	2L:+:36693981-36694022	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_100396	KHEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	-	125	3.06E-12	1	2640.372	3.47	Head	2L:+:36693000-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_100435	LDESLIYQQFLAK	AGAP006686-PA	-	86	2.60E-08	1	1567.836	-0.37	Salivary gland	2L:+:36697848-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_100620	EHYAADK	AGAP006686-PA	-	50	5.84E-05	1	833.375	-4.23	Head	2L:+:36692133-36692153	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_100627	AYVLVR	AGAP006686-PA	-	33	0.001056218	2	720.440	-0.11	Male reproductive organs	2L:+:36693423-36693440	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_100664	EAFLNAEEVDSK	AGAP006686-PA	-	66	3.49E-06	2	1351.641	2.58	Salivary gland	2L:+:36696645-36696680	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_100700	LLNMQDQFR	AGAP006686-PA	M4(Oxidation)	50	0.000146391	2	1180.580	1.3	Salivary gland	2L:+:36698566-36698592	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_100819	DLSTVQTLLTK	AGAP006686-PA	-	48	0.000119083	1	1218.695	0.48	Ovary	2L:+:36698271-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_101364	DIADEESWIK	AGAP006686-PA	-	60	1.46E-05	1	1205.569	0.47	Head	2L:+:36697566-36697595	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_101641	DLASVQNLMK	AGAP006686-PA	M9(Oxidation)	65	4.60E-06	1	1134.584	1.66	Malpighian tubule	2L:+:36697317-36697346	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_101791	AGTFSAFEQFGNELLQANHYAAPEIQEKIENLNK	AGAP006686-PA	-	74	3.55E-07	1	3821.897	5.24	Malpighian tubule	2L:+:36696426-36696527	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_101793	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	163	2.22E-16	1	2166.178	5.04	Ovary	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_101885	LLDSLQVQQLFR	AGAP006686-PA	-	85	2.31E-08	2	1459.828	0.69	Male reproductive organs	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_101925	QIEDLYLTFAK	AGAP006686-PA	-	57	2.02E-05	2	1340.711	1.06	Male reproductive organs	2L:+:36698593-36698625	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_102262	DLAALEDKVAALGTEAGR	AGAP006686-PA	-	96	3.17E-09	1	1799.950	-0.14	Ovary	2L:+:36691116-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_102582	DLEDEAAWIR	AGAP006686-PA	-	79	1.44E-07	1	1217.578	-1.24	Head	2L:+:36692583-36692612	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_102703	EPIVSNQDYGK	AGAP006686-PA	-	74	6.37E-07	1	1249.606	0.34	Head	2L:+:36692937-36692969	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_102785	LLNMQDQFR	AGAP006686-PA	M4(Oxidation)	56	4.10E-05	2	1164.586	2.62	Malpighian tubule	2L:+:36698566-36698592	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_102874	KASAFNSWFENAEEDLTDPVR	AGAP006686-PA	-	59	2.00E-05	1	2426.141	6.04	Malpighian tubule	2L:+:36698626-36698688	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_103032	KIEELGATLEEHLILDNR	AGAP006686-PA	-	122	3.10E-12	1	2093.129	2.34	Midgut	2L:+:36700870-36700923	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_103157	HANLFHQWLTETR	AGAP006686-PA	-	56	4.07E-05	1	1652.832	1.59	Pupa	2L:+:36698968-36699005,36700773-36700773	exon=> In CDS Exon 3 and 4 of transcript AGAP006686-PA
JHU_Ag_103457	ECVMALYDYTEK	AGAP006686-PA	C2(Carbamidomethyl), M4(Oxidation)	28	0.008497535	1	1537.654	-0.88	Midgut	2L:+:36693117-36693152	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_103468	DIADEESWIK	AGAP006686-PA	-	71	1.09E-06	1	1205.570	1.42	Malpighian tubule	2L:+:36697566-36697595	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_103528	HTNFEHELTANK	AGAP006686-PA	-	62	8.21E-06	2	1440.697	7.39	Ovary	2L:+:36692049-36692084	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_103532	DSDELESWINEK	AGAP006686-PA	-	67	1.33E-06	2	1464.650	0.51	Ovary	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_103584	HLKEDLIEK	AGAP006686-PA	-	42	0.000307889	1	1124.631	0.21	Malpighian tubule	2L:+:36696855-36696881	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_103761	GQKLDESLIYQQFLAK	AGAP006686-PA	-	63	3.83E-06	1	1881.017	2.91	Pupa	2L:+:36697839-36697886	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_103773	QIEDLYLTFAK	AGAP006686-PA	-	81	7.82E-08	2	1340.710	-0.04	Midgut	2L:+:36698593-36698625	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_103862	HDAFETDFAVHR	AGAP006686-PA	-	50	9.37E-05	1	1444.660	-0.5	Midgut	2L:+:36697986-36698021	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_103875	LQEASQQQQFNR	AGAP006686-PA	-	91	1.26E-08	2	1476.721	1.08	Salivary gland	2L:+:36692229-36692264	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_103892	EAADLAAWIK	AGAP006686-PA	-	62	1.14E-05	2	1087.580	1.23	Male reproductive organs	2L:+:36693441-36693470	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_103946	FATDDSYLDPTNLNGK	AGAP006686-PA	-	106	3.70E-10	2	1770.823	2.63	Visceras	2L:+:36691992-36692039	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_103967	ADVVESWIADKENHVK	AGAP006686-PA	-	80	1.58E-07	1	1839.927	1.99	Head	2L:+:36698205-36698252	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_104104	LIDGQHYAADDVAQR	AGAP006686-PA	-	67	2.82E-06	1	1671.810	0.76	Male reproductive organs	2L:+:36691806-36691850	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_104351	FLADFR	AGAP006686-PA	-	34	0.003238078	2	768.406	2.59	Malpighian tubule	2L:+:36691305-36691322	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_104594	VAALGTEAGR	AGAP006686-PA	-	71	1.51E-06	2	944.516	-0.12	Male reproductive organs	2L:+:36691140-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_104648	EAADLAAWIK	AGAP006686-PA	-	51	0.000118062	2	1087.583	3.92	Salivary gland	2L:+:36693441-36693470	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_104959	AIISADELAKDVAGAEALLER	AGAP006686-PA	-	58	9.26E-06	3	2155.172	5.12	Malpighian tubule	2L:+:36691353-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_104997	ADVVESWIADK	AGAP006686-PA	-	77	3.62E-07	2	1232.618	1.45	Midgut	2L:+:36698205-36698237	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_105337	TSLMDGSGSLEEQFEALCHK	AGAP006686-PA	C18(Carbamidomethyl)," M4(Oxidation), C18(Carbamidomethyl)"	54	4.40E-05	1	2255.011	6.77	Malpighian tubule	2L:+:36700774-36700833	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_105412	ECVMALYDYTEK	AGAP006686-PA	C2(Carbamidomethyl)	38	0.001120221	2	1521.665	3.15	Malpighian tubule	2L:+:36693117-36693152	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_105515	LTQIADQWEYLTQK	AGAP006686-PA	-	111	1.06E-10	1	1736.889	1.82	Ovary	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA

JHU_Ag_105796	DADETVAWIAEK	AGAP006686-PA	-	68	2.53E-06	2	1347.643	0.17	Malpighian tubule	2L:+:36690996-36691031	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_106207	DVAGAEALLER	AGAP006686-PA	-	90	1.29E-08	1	1143.602	0.97	Malpighian tubule	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_106380	QETFDAGLSAFEHEGIHNITALK	AGAP006686-PA	-	97	3.51E-09	1	2528.248	2.66	Malpighian tubule	2L:+:36698304-36698322,36698402-36698451	exon=> In CDS Exon 2 and 3 of transcript AGAP006686-PA
JHU_Ag_106527	SEEFGRDLSTVQTLLTK	AGAP006686-PA	-	57	2.22E-05	1	1924.007	2.48	Head	2L:+:36698253-36698303	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_106758	TQIQTLNEEWATLQTITQER	AGAP006686-PA	-	57	2.41E-05	3	2403.213	-0.77	Salivary gland	2L:+:36693657-36693716	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107031	LIDGQHYAADDVAQRR	AGAP006686-PA	-	59	1.81E-05	1	1827.910	-0.04	Midgut	2L:+:36691806-36691853	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107254	VTEVNELADK	AGAP006686-PA	-	62	1.21E-05	2	1117.572	-1.04	Pupa	2L:+:36690822-36690851	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107355	KHEALVSDLEAFGNTIQALQEQAK	AGAP006686-PA	-	159	1.37E-15	1	2640.375	4.65	Salivary gland	2L:+:36693000-36693071	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107360	QLLEREHYAAAEVQEK	AGAP006686-PA	-	68	2.32E-06	1	1913.973	0.93	Malpighian tubule	2L:+:36691485-36691532	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107365	DKEAFVTADEFGQDLEHVEVLQR	AGAP006686-PA	-	69	1.74E-06	1	2675.290	-1.66	Ovary	2L:+:36690708-36690776	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107398	DVGEDLEEVEVLQK	AGAP006686-PA	-	71	1.06E-06	2	1601.793	1.46	Ovary	2L:+:36693498-36693539	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107457	DSDELESWINEK	AGAP006686-PA	-	58	1.08E-05	2	1464.651	1.34	Pupa	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107494	LLDSLQVQQLFR	AGAP006686-PA	-	103	3.73E-10	2	1459.827	0.27	Midgut	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107513	TYIAAVK	AGAP006686-PA	-	35	0.001543438	1	765.450	-0.15	Pupa	2L:+:36697236-36697256	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_107584	SRIEDITATGQELATK	AGAP006686-PA	-	100	1.29E-09	1	1732.911	2.04	Head	2L:+:36692085-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107645	LWELLLSR	AGAP006686-PA	-	59	6.77E-06	2	1029.611	1.88	Malpighian tubule	2L:+:36690597-36690620	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_107748	VAALGTEAGR	AGAP006686-PA	-	59	1.90E-05	2	944.520	4.47	Ovary	2L:+:36691140-36691169	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108059	SSLLVLWEDRR	AGAP006686-PA	-	38	0.001698374	1	1373.760	4.32	Salivary gland	2L:+:36691557-36691589	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108080	FVESGHFDADNIR	AGAP006686-PA	-	55	3.67E-05	2	1506.699	0.93	Visceras	2L:+:36692439-36692477	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108168	LDESYFLHR	AGAP006686-PA	-	45	0.000455321	3	1179.578	-1.17	Pupa	2L:+:36691278-36691304	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108423	ALDVFATK	AGAP006686-PA	-	44	0.000372155	2	864.487	4.87	Ovary	2L:+:36691782-36691805	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108444	ASQLGSAHEVQR	AGAP006686-PA	-	61	1.02E-05	1	1282.652	1.57	Salivary gland	2L:+:36693717-36693752	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108445	EAFLNAEEVDSKGDNVEALIK	AGAP006686-PA	-	104	6.81E-10	1	2291.148	3.16	Head	2L:+:36696645-36696707	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_108598	NQSGVSEDSLK	AGAP006686-PA	-	74	6.21E-07	2	1163.553	-0.56	Head	2L:+:36701026-36701058	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_108643	LLDSLQVQQLFR	AGAP006686-PA	-	84	2.47E-08	2	1459.829	1.44	Visceras	2L:+:36692547-36692582	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108814	ASQLGSAHEVQR	AGAP006686-PA	-	99	1.62E-09	1	1282.650	0.24	Male reproductive organs	2L:+:36693717-36693752	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_108907	YAALAEPMSIRK	AGAP006686-PA	M8(Oxidation)	63	5.92E-06	1	1365.723	2.48	Malpighian tubule	2L:+:36692505-36692540	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_109107	LLEDSNALQQFER	AGAP006686-PA	-	99	2.08E-09	1	1562.784	1.69	Salivary gland	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_109182	LTQIADQWEYLTQK	AGAP006686-PA	-	115	4.30E-11	1	1736.887	0.84	Malpighian tubule	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_109662	TQIQTLNEEWATLQTITQER	AGAP006686-PA	-	100	1.15E-09	2	2403.228	5.39	Ovary	2L:+:36693657-36693716	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_109799	DLEDEAAWIR	AGAP006686-PA	-	65	2.89E-06	1	1217.576	-2.95	Malpighian tubule	2L:+:36692583-36692612	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_110241	DLASVQALQR	AGAP006686-PA	-	63	6.87E-06	2	1100.610	3.75	Ovary	2L:+:36691065-36691094	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_110347	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	48	8.95E-05	3	2166.167	0.05	Male reproductive organs	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_110360	LTQIADQWEYLTQK	AGAP006686-PA	-	92	8.63E-09	1	1736.886	0.42	Male reproductive organs	2L:+:36697149-36697190	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_110425	LQEASQQQQFNR	AGAP006686-PA	-	100	1.58E-09	1	1476.720	0.83	Pupa	2L:+:36692229-36692264	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_110704	LLDSYDLQR	AGAP006686-PA	-	71	1.37E-06	2	1122.582	2.74	Malpighian tubule	2L:+:36694044-36694070	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_110805	DLASVQALQR	AGAP006686-PA	-	91	1.14E-08	2	1100.605	-0.68	Midgut	2L:+:36691065-36691094	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_110849	HANLFHQWLTETR	AGAP006686-PA	-	45	0.000559093	1	1652.834	2.81	Male reproductive organs	2L:+:36698968-36699005,36700773-36700773	exon=> In CDS Exon 3 and 4 of transcript AGAP006686-PA
JHU_Ag_110938	EVHRQEENDK	AGAP006686-PA	-	30	0.009917079	1	1283.598	0.14	Midgut	2L:+:36698917-36698946	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_111115	LENLQALATR	AGAP006686-PA	-	44	0.000521179	2	1128.636	-1.25	Head	2L:+:36698124-36698153	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_111171	RLEELQR	AGAP006686-PA	-	45	0.00044048	1	943.532	-0.49	Male reproductive organs	2L:+:36690576-36690596	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_111276	SFNVGPNPYTWFTMEALEDTWR	AGAP006686-PA	M14(Oxidation)	41	0.000723496	2	2677.211	3.12	Midgut	2L:+:36698806-36698871	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_111342	DLIGVQNLIK	AGAP006686-PA	-	52	3.04E-05	2	1112.672	4.03	Salivary gland	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_111347	AIISADELAK	AGAP006686-PA	-	39	0.002003723	1	1030.579	1.22	Head	2L:+:36691353-36691382	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_111365	RDSDELESWINEK	AGAP006686-PA	-	80	1.34E-07	1	1620.745	-3.34	Head	2L:+:36690360-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_111629	DHGQTLVTNNNHHGDSISQR	AGAP006686-PA	Q4(Deamidated),N9(Deamidated),N10(Deamidated)	123	6.93E-12	1	2230.028	-2.84	Head	2L:+:36698043-36698102	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_111677	AITASDPRPRPYVTKEELYSNLTK	AGAP006686-PA	-	62	3.52E-06	1	2749.465	4.54	Malpighian tubule	2L:+:36701323-36701382,36701460-36701471	exon=> In CDS Exon 4 and 5 of transcript AGAP006686-PA
JHU_Ag_111734	VTEVNELADKLLFGGHPER	AGAP006686-PA	-	50	9.47E-05	1	2124.114	2.7	Male reproductive organs	2L:+:36690822-36690878	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_111950	DVGEDLEEVEVLQK	AGAP006686-PA	-	104	5.86E-10	1	1601.792	0.85	Male reproductive organs	2L:+:36693498-36693539	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_112002	LQAASEESYRDPTNLQAK	AGAP006686-PA	-	43	0.000850059	1	2020.987	-3.02	Pupa	2L:+:36690399-36690452	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_112145	FATDDSYLDPTNLNGKVQK	AGAP006686-PA	-	72	1.05E-06	1	2126.049	4.4	Malpighian tubule	2L:+:36691992-36692048	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_112346	TYIAAVK	AGAP006686-PA	-	35	0.001532813	1	765.451	0.01	Male reproductive organs	2L:+:36697236-36697256	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_112567	QQETPVVDITGK	AGAP006686-PA	-	39	0.001465221	1	1314.691	1.08	Malpighian tubule	2L:+:36693081-36693116	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_112634	DMADYCVQR	AGAP006686-PA	M2(Oxidation), C6(Carbamidomethyl)	64	4.61E-07	1	1173.466	-0.43	Male reproductive organs	2L:+:36701472-36701498	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_112932	QAEIAAYWQSLTAK	AGAP006686-PA	-	72	7.36E-07	1	1579.817	3.57	Ovary	2L:+:36691215-36691256	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_113163	DLVSWINGMK	AGAP006686-PA	N7(Deamidated), M9(Oxidation)	40	0.001250045	1	1179.571	-0.14	Male reproductive organs	2L:+:36691323-36691352	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_113452	IEDITATGQELATK	AGAP006686-PA	-	86	4.25E-08	2	1489.776	0.87	Head	2L:+:36692091-36692132	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_113468	GRDLIGVQNLIK	AGAP006686-PA	-	59	3.14E-06	2	1325.795	3.54	Malpighian tubule	2L:+:36692646-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_113578	LMQSHPDTAEQTYAK	AGAP006686-PA	M2(Oxidation)	107	2.44E-10	1	1735.798	1.23	Head	2L:+:36693936-36693980	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_113610	TGHPITGALDYVEFTR	AGAP006686-PA	-	91	1.39E-08	1	1776.892	0.24	Malpighian tubule	2L:+:36701523-36701570	exon=> In CDS Exon 5 of transcript AGAP006686-PA
JHU_Ag_114298	VDSFKLTTEAGR	AGAP006686-PA	-	66	3.00E-06	1	1323.693	2.02	Malpighian tubule	2L:+:36691449-36691484	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_114486	DVVLSSDDYGR	AGAP006686-PA	-	51	9.24E-05	2	1225.572	1.64	Malpighian tubule	2L:+:36691032-36691064	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_114505	DQLINANHAQSAAILK	AGAP006686-PA	-	89	1.04E-08	2	1706.919	0.01	Visceras	2L:+:36698452-36698499	exon=> In CDS Exon 3 of transcript AGAP006686-PA
JHU_Ag_114523	KQDLEDSLQAHQYFADANEAESWMR	AGAP006686-PA	M24(Oxidation)	87	1.72E-08	1	2998.342	5.04	Malpighian tubule	2L:+:36692856-36692930	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_114792	DLAALQDKIR	AGAP006686-PA	-	79	1.19E-07	1	1142.656	2.69	Malpighian tubule	2L:+:36693882-36693911	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_114822	TQIQTLNEEWATLQTITQER	AGAP006686-PA	-	93	6.15E-09	2	2403.218	1.22	Visceras	2L:+:36693657-36693716	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_114887	DVAGAEALLER	AGAP006686-PA	-	98	1.90E-09	2	1143.600	-0.2	Ovary	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_115283	DSDELESWINEK	AGAP006686-PA	-	82	4.98E-08	1	1464.653	2.84	Malpighian tubule	2L:+:36690363-36690398	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_115856	IGALQVLADQLIAQEHYAGR	AGAP006686-PA	-	157	1.27E-15	1	2166.168	0.64	Malpighian tubule	2L:+:36696753-36696812	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_115999	DLTSVQNLQK	AGAP006686-PA	-	61	1.12E-05	2	1145.616	0.23	Head	2L:+:36692334-36692363	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_116092	LNEIAIQLTSLGQTEAALK	AGAP006686-PA	-	95	1.17E-09	2	2013.126	1.45	Malpighian tubule	2L:+:36693594-36693650	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_116244	DVAGAEALLER	AGAP006686-PA	-	84	4.77E-08	2	1143.601	0.86	Salivary gland	2L:+:36691383-36691415	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_116318	KIEELGATLEEHLILDNR	AGAP006686-PA	-	56	1.25E-05	1	2093.137	6.3	Malpighian tubule	2L:+:36700870-36700923	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_116435	HANLFHQWLTETR	AGAP006686-PA	-	74	7.38E-07	1	1652.830	0.48	Ovary	2L:+:36698968-36699005,36700773-36700773	exon=> In CDS Exon 3 and 4 of transcript AGAP006686-PA
JHU_Ag_116526	YAALAEPMSIRK	AGAP006686-PA	M8(Oxidation)	46	0.00026511	1	1365.723	2.48	Head	2L:+:36692505-36692540	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_116625	DADEIENWIAEK	AGAP006686-PA	-	93	5.87E-09	1	1432.663	2.45	Malpighian tubule	2L:+:36696927-36696962	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_116659	LQEASQQQQFNR	AGAP006686-PA	-	102	1.14E-09	1	1476.724	3.48	Malpighian tubule	2L:+:36692229-36692264	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_116688	ISSVLAMGSNLIDR	AGAP006686-PA	M7(Oxidation)	55	3.91E-05	2	1491.796	8.01	Larva	2L:+:36697068-36697109	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_116862	KIDPGLSASQQNLIDGHSIAK	AGAP006686-PA	-	113	3.21E-11	1	2192.178	4.99	Malpighian tubule	2L:+:36693276-36693338	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_116906	DVGEDLEEVEVLQK	AGAP006686-PA	-	104	6.38E-10	1	1601.793	1.69	Malpighian tubule	2L:+:36693498-36693539	exon=> In CDS Exon 1 of transcript AGAP006686-PA

JHU_Ag_116982	DLIGVQNLIK	AGAP006686-PA	-	43	0.000304343	2	1112.669	1.18	Malpighian tubule	2L:+:36692652-36692681	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_116990	ETENVQSFEEIENAFR	AGAP006686-PA	-	101	1.11E-09	1	1941.885	1.35	Salivary gland	2L:+:36701275-36701322	exon=> In CDS Exon 4 of transcript AGAP006686-PA
JHU_Ag_117152	ILESAEDIQER	AGAP006686-PA	-	84	7.37E-08	2	1302.650	-2.47	Midgut	2L:+:36690231-36690263	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_117350	DHGQTLVTNNNHHGDSISQR	AGAP006686-PA	-	40	0.001565023	1	2230.040	2.67	Ovary	2L:+:36698043-36698102	exon=> In CDS Exon 2 of transcript AGAP006686-PA
JHU_Ag_117809	LLEDSNALQQFER	AGAP006686-PA	-	117	3.52E-11	1	1562.780	-0.5	Midgut	2L:+:36691911-36691949	exon=> In CDS Exon 1 of transcript AGAP006686-PA
JHU_Ag_9737	KHEDFEK	AGAP006686-PA,AGAP004440-PA,AGAP004440-PC	-	41	0.000946114	1	932.442	-5.18	Head	2L:+:36691731-36691751;2R:+:56079899-56079919;2R:+:56079899-56079919	exon=> In CDS Exon 1 of transcript AGAP006686-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_108078	DSGDYNEYHGDTIHDTIYQSVLR	AGAP006687-PA	-	99	1.11E-09	1	2698.203	0.43	Head	2L:-:36703709-36703641	exon=> In CDS Exon 3 of transcript AGAP006687-PA
JHU_Ag_3224	ETFTSIKENVGSFK	AGAP006688-PA	-	79	1.61E-07	2	1586.808	1.2	Male reproductive organs	2L:+:36704943-36704984	exon=> In CDS Exon 2 of transcript AGAP006688-PA
JHU_Ag_23968	DVADFLYTILVDK	AGAP006688-PA	-	95	3.68E-09	2	1511.796	-2.27	Midgut	2L:+:36705126-36705136,36705202-36705229	exon=> In CDS Exon 2 and 3 of transcript AGAP006688-PA
JHU_Ag_29153	RSQLQSVDNSSSSDTFLGK	AGAP006688-PA	-	97	2.95E-09	2	2055.995	0.34	Male reproductive organs	2L:+:36705420-36705476	exon=> In CDS Exon 4 of transcript AGAP006688-PA
JHU_Ag_30557	SAVLFTGLCDSGK	AGAP006688-PA	C9(Carbamidomethyl)	81	9.32E-08	2	1354.667	-0.48	Midgut	2L:+:36704865-36704903	exon=> In CDS Exon 2 of transcript AGAP006688-PA
JHU_Ag_38264	SQLQSVDNSSSSDTFLGK	AGAP006688-PA	-	78	2.20E-07	2	1899.899	3.34	Malpighian tubule	2L:+:36705423-36705476	exon=> In CDS Exon 4 of transcript AGAP006688-PA
JHU_Ag_40038	VPVVVLCNKQDETLAK	AGAP006688-PA	C7(Carbamidomethyl)	69	1.17E-06	1	1812.991	1.04	Male reproductive organs	2L:+:36705242-36705289	exon=> In CDS Exon 3 of transcript AGAP006688-PA
JHU_Ag_40189	SASVDFEFEQLGQR	AGAP006688-PA	-	54	5.63E-05	2	1612.764	2.3	Malpighian tubule	2L:+:36705477-36705518	exon=> In CDS Exon 4 of transcript AGAP006688-PA
JHU_Ag_43916	SAVLFTGLCDSGK	AGAP006688-PA	C9(Carbamidomethyl)	70	1.17E-06	1	1354.668	0.52	Male reproductive organs	2L:+:36704865-36704903	exon=> In CDS Exon 2 of transcript AGAP006688-PA
JHU_Ag_56047	DVADFLYTILVDK	AGAP006688-PA	-	99	1.49E-09	1	1511.800	0.64	Ovary	2L:+:36705126-36705136,36705202-36705229	exon=> In CDS Exon 2 and 3 of transcript AGAP006688-PA
JHU_Ag_72588	SQLQSVDNSSSSDTFLGK	AGAP006688-PA	-	101	1.22E-09	1	1899.895	1.16	Male reproductive organs	2L:+:36705423-36705476	exon=> In CDS Exon 4 of transcript AGAP006688-PA
JHU_Ag_79235	VPVVVLCNK	AGAP006688-PA	C7(Carbamidomethyl)	54	2.09E-05	1	1027.596	-0.42	Male reproductive organs	2L:+:36705242-36705268	exon=> In CDS Exon 3 of transcript AGAP006688-PA
JHU_Ag_84639	DIRDVADFLYTILVDK	AGAP006688-PA	-	109	9.64E-11	1	1896.021	4.96	Midgut	2L:+:36705117-36705136,36705202-36705229	exon=> In CDS Exon 2 and 3 of transcript AGAP006688-PA
JHU_Ag_98053	AIVYMIDSVTVQK	AGAP006688-PA	M5(Oxidation)	78	1.65E-07	2	1482.788	0.48	Male reproductive organs	2L:+:36705078-36705116	exon=> In CDS Exon 2 of transcript AGAP006688-PA
JHU_Ag_100339	AIVYMIDSVTVQK	AGAP006688-PA	M5(Oxidation)	62	5.70E-06	2	1482.785	-1.83	Midgut	2L:+:36705078-36705116	exon=> In CDS Exon 2 of transcript AGAP006688-PA
JHU_Ag_102933	FVPCSAMEEQFAGLTK	AGAP006688-PA	C4(Carbamidomethyl), M7(Oxidation)	49	0.000143079	2	1830.841	0.64	Male reproductive organs	2L:+:36705525-36705572	exon=> In CDS Exon 4 of transcript AGAP006688-PA
JHU_Ag_104088	SASVDFEFEQLGQR	AGAP006688-PA	-	102	9.77E-10	1	1612.760	0.11	Male reproductive organs	2L:+:36705477-36705518	exon=> In CDS Exon 4 of transcript AGAP006688-PA
JHU_Ag_79138	YNGIHFLLNR	AGAP006691-PA	-	33	0.005992534	1	1246.678	7.22	Midgut	2L:-:36738037-36738008	exon=> In CDS Exon 1 of transcript AGAP006691-PA
JHU_Ag_48948	YLLAYR	AGAP006700-PA	-	31	0.003607857	1	798.443	-9.57	Midgut	2L:-:36950965-36950948	exon=> In CDS Exon 2 of transcript AGAP006700-PA

JHU_Ag_18616	LQQLETK	AGAP006702-PA	Q3(Deamidated)	43	0.001162014	1	860.472	-1	Head	2L:-:37075459-37075439	exon=> In CDS Exon 1 of transcript AGAP006702-PA
JHU_Ag_59032	NVVVQQPTPLDNANNSR	AGAP006705-PA	N1(Deamidated), Q5(Deamidated)	37	0.003279726	1	1867.915	0.1	Male reproductive organs	2L:-:37102133-37102083	exon=> In CDS Exon 4 of transcript AGAP006705-PA
JHU_Ag_10037	EGGQLYKPDKLFHHNYASPEFR	AGAP006707-PA	-	46	0.000304685	1	2633.254	-13.61	Midgut	2L:-:37115321-37115256	exon=> In CDS Exon 2 of transcript AGAP006707-PA
JHU_Ag_30174	WVLTAAHCIVGHEPTNIQVLVGTNSLK	AGAP006707-PA	C8(Carbamidomethyl)	134	2.34E-13	1	2957.569	0.64	Midgut	2L:-:37115462-37115657,37114980-37115322	exon=> In CDS Exon 2 and 1 of transcript AGAP006707-PA
JHU_Ag_65915	LVGVVNFGVPCGLGYPDGFAR	AGAP006707-PA	C11(Carbamidomethyl)	101	1.12E-09	1	2194.114	1.29	Midgut	2L:-:37114875-37114813	exon=> In CDS Exon 3 of transcript AGAP006707-PA
JHU_Ag_75808	LFHHNYASPEFR	AGAP006707-PA	-	60	1.64E-05	1	1517.737	5.94	Midgut	2L:-:37115291-37115256	exon=> In CDS Exon 2 of transcript AGAP006707-PA
JHU_Ag_92741	SGEGACNGDSGGPLVYEGK	AGAP006707-PA	C6(Carbamidomethyl), N7(Deamidated)	120	3.91E-12	1	1854.782	0.41	Midgut	2L:-:37115000-37115370,37114762-37114876	exon=> In CDS Exon 3 and 2 of transcript AGAP006707-PA
JHU_Ag_24	VSYYHDWIR	AGAP006707-PA,AGAP007141-PA	-	57	2.85E-05	1	1238.596	0.86	Pupa	2L:-:37114812-37114786;2L:+:43563342-43563368	exon=> In CDS Exon 3 of transcript AGAP006707-PA;exon=> In CDS Exon 3 of transcript AGAP007141-PA
JHU_Ag_87648	VSYYHDWIR	AGAP006707-PA,AGAP007141-PA	-	57	2.78E-05	1	1238.593	-2.2	Midgut	2L:-:37114812-37114786;2L:+:43563342-43563368	exon=> In CDS Exon 3 of transcript AGAP006707-PA;exon=> In CDS Exon 3 of transcript AGAP007141-PA
JHU_Ag_6823	TGEGACNGDSGGPLVYEGK	AGAP006709-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), N7(Deamidated)"	147	1.30E-14	1	1868.800	1.96	Midgut	2L:-:37118792-37119165,37118554-37118671	exon=> In CDS Exon 3 and 2 of transcript AGAP006709-PA
JHU_Ag_7763	FHNDIGLVR	AGAP006709-PA	-	40	0.000891715	1	1070.574	0.17	Midgut	2L:-:37119053-37119027	exon=> In CDS Exon 2 of transcript AGAP006709-PA
JHU_Ag_18963	GGDPGYTDVGHLCTLTK	AGAP006709-PA	C13(Carbamidomethyl)	91	1.04E-08	1	1790.838	0.32	Midgut	2L:-:37118843-37118793	exon=> In CDS Exon 2 of transcript AGAP006709-PA
JHU_Ag_19703	VSYYHDWVR	AGAP006709-PA	-	37	0.002903214	3	1224.580	0.4	Midgut	2L:-:37118607-37118581	exon=> In CDS Exon 3 of transcript AGAP006709-PA
JHU_Ag_21143	LVLDDNYVNR	AGAP006709-PA	-	46	0.000421813	2	1220.624	-2.22	Midgut	2L:-:37119399-37119370	exon=> In CDS Exon 1 of transcript AGAP006709-PA
JHU_Ag_63943	KGGDPGYTDVGHLCTLTK	AGAP006709-PA	C14(Carbamidomethyl)	72	1.02E-06	1	1918.941	4.3	Midgut	2L:-:37118846-37118793	exon=> In CDS Exon 2 of transcript AGAP006709-PA
JHU_Ag_73279	LVGVVNFGVPCALGYPDGFAR	AGAP006709-PA	C11(Carbamidomethyl)	100	1.41E-09	2	2208.134	3.26	Midgut	2L:-:37118670-37118608	exon=> In CDS Exon 3 of transcript AGAP006709-PA
JHU_Ag_113103	FSELVQSVEYSEK	AGAP006709-PA	-	104	5.87E-10	1	1544.752	2.71	Midgut	2L:-:37119008-37118970	exon=> In CDS Exon 2 of transcript AGAP006709-PA
JHU_Ag_30767	MGNPENVDLGHVCTLTK	AGAP006710-PA	M1(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	100	1.32E-09	1	1900.888	-0.67	Midgut	2L:-:37122516-37122466	exon=> In CDS Exon 2 of transcript AGAP006710-PA
JHU_Ag_24799	AGEGACNGDSGGPLVYEGK	AGAP006710-PA,AGAP006711-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), N7(Deamidated)"	87	1.31E-08	1	1838.789	1.7	Malpighian tubule	2L:-:37122465-37122838,37122230-37122344;2L:+:37127890-37127910,37127976-37128011	exon=> In CDS Exon 3 and 2 of transcript AGAP006710-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP006711-PA
JHU_Ag_5860	NVDLGHVCTLTK	AGAP006711-PA	N1(Deamidated), C8(Carbamidomethyl)	39	0.001280638	1	1357.659	-13.8	Pupa	2L:+:37127854-37127889	exon=> In CDS Exon 2 of transcript AGAP006711-PA
JHU_Ag_72819	NVDLGHVCTLTK	AGAP006711-PA	C8(Carbamidomethyl)	59	1.36E-05	2	1356.693	-0.58	Midgut	2L:+:37127854-37127889	exon=> In CDS Exon 2 of transcript AGAP006711-PA

JHU_Ag_11107	LVGVVNFGVPCGR	AGAP006711-PA,AGAP006710-PA	C11(Carbamidomethyl)	76	3.62E-07	1	1373.735	-0.54	Salivary gland	2L:+:37128012-37128050;2L:-:37122343-37122305	exon=> In CDS Exon 3 of transcript AGAP006711-PA;exon=> In CDS Exon 3 of transcript AGAP006710-PA
JHU_Ag_28546	WVLTAAHCLVGYEPSDLMVLVGTNSLK	AGAP006711-PA,AGAP006710-PA	C8(Carbamidomethyl)	55	2.78E-05	1	2973.517	-1.33	Midgut	2L:+:37127409-37127440,37127517-37127565;2L:-:37122966-37123167,37122445-37122790	exon=> In CDS Exon 1 and 2 of transcript AGAP006711-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP006710-PA
JHU_Ag_36560	VSYYHEWVR	AGAP006711-PA,AGAP006710-PA	-	41	0.001206816	1	1238.596	0.89	Pupa	2L:+:37128075-37128101;2L:-:37122280-37122254	exon=> In CDS Exon 3 of transcript AGAP006711-PA;exon=> In CDS Exon 3 of transcript AGAP006710-PA
JHU_Ag_39864	VSYYHEWVR	AGAP006711-PA,AGAP006710-PA	-	63	7.83E-06	1	1238.598	2.43	Malpighian tubule	2L:+:37128075-37128101;2L:-:37122280-37122254	exon=> In CDS Exon 3 of transcript AGAP006711-PA;exon=> In CDS Exon 3 of transcript AGAP006710-PA
JHU_Ag_41484	TSTNGNVPTLLQSLNVVTLSNEDCKAK	AGAP006711-PA,AGAP006710-PA	C24(Carbamidomethyl)	57	1.79E-05	1	2903.491	4.46	Malpighian tubule	2L:+:37127758-37127838;2L:-:37122597-37122517	exon=> In CDS Exon 2 of transcript AGAP006711-PA;exon=> In CDS Exon 2 of transcript AGAP006710-PA
JHU_Ag_44752	LVGVVNFGVPCGR	AGAP006711-PA,AGAP006710-PA	C11(Carbamidomethyl)	48	0.00022124	1	1373.743	5.41	Pupa	2L:+:37128012-37128050;2L:-:37122343-37122305	exon=> In CDS Exon 3 of transcript AGAP006711-PA;exon=> In CDS Exon 3 of transcript AGAP006710-PA
JHU_Ag_48885	LVGVVNFGVPCGR	AGAP006711-PA,AGAP006710-PA	C11(Carbamidomethyl)	79	2.07E-07	1	1373.735	-0.72	Midgut	2L:+:37128012-37128050;2L:-:37122343-37122305	exon=> In CDS Exon 3 of transcript AGAP006711-PA;exon=> In CDS Exon 3 of transcript AGAP006710-PA
JHU_Ag_49911	AGEGACNGDSGGPLVYEGK	AGAP006711-PA,AGAP006710-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), N7(Deamidated)"	148	1.13E-14	1	1838.792	3.23	Midgut	2L:+:37127890-37127910,37127976-37128011;2L:-:37122465-37122838,37122230-37122344	exon=> In CDS Exon 2 and 3 of transcript AGAP006711-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP006710-PA
JHU_Ag_75316	TSTNGNVPTLLQSLNVVTLSNEDCK	AGAP006711-PA,AGAP006710-PA	N6(Deamidated), C24(Carbamidomethyl),"N4(Deamidated), C24(Carbamidomethyl)",C24(Carbamidomethyl)	124	6.37E-12	1	2705.335	1.97	Midgut	2L:+:37127758-37127832;2L:-:37122597-37122523	exon=> In CDS Exon 2 of transcript AGAP006711-PA;exon=> In CDS Exon 2 of transcript AGAP006710-PA
JHU_Ag_94852	VSYYHEWVR	AGAP006711-PA,AGAP006710-PA	-	63	7.01E-06	1	1238.596	0.46	Midgut	2L:+:37128075-37128101;2L:-:37122280-37122254	exon=> In CDS Exon 3 of transcript AGAP006711-PA;exon=> In CDS Exon 3 of transcript AGAP006710-PA
JHU_Ag_97799	YNRPQFHNDIGLMR	AGAP006711-PA,AGAP006710-PA	M13(Oxidation)	88	2.86E-08	1	1776.854	-3.34	Midgut	2L:+:37127614-37127655;2L:-:37122741-37122700	exon=> In CDS Exon 2 of transcript AGAP006711-PA;exon=> In CDS Exon 2 of transcript AGAP006710-PA
JHU_Ag_100419	LEQPVQFSELVQSVEYLEK	AGAP006711-PA,AGAP006710-PA	-	121	1.05E-11	1	2265.165	-0.17	Midgut	2L:+:37127656-37127712;2L:-:37122699-37122643	exon=> In CDS Exon 2 of transcript AGAP006711-PA;exon=> In CDS Exon 2 of transcript AGAP006710-PA

JHU_Ag_109579	LVLDDHYVNR	AGAP006711-PA,AGAP006710-PA	-	63	6.62E-06	1	1243.641	-1.77	Midgut	2L:+:37127274-37127303;2L:-:37123101-37123072	exon=> In CDS Exon 1 of transcript AGAP006711-PA;exon=> In CDS Exon 1 of transcript AGAP006710-PA
JHU_Ag_1904	LLEGGSLLDIIK	AGAP006715-PA	-	32	0.001475503	2	1270.765	2.32	Larva	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_11235	LLEGGSLLDIIK	AGAP006715-PA	-	93	1.31E-09	2	1270.764	2.03	Head	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_31376	LLEGGSLLDIIK	AGAP006715-PA	-	72	1.63E-07	2	1270.765	2.8	Visceras	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_34694	LLEGGSLLDIIK	AGAP006715-PA	-	91	2.05E-09	1	1270.762	-0.18	Salivary gland	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_54979	LLEGGSLLDIIK	AGAP006715-PA	-	86	7.20E-09	2	1270.760	-1.24	Midgut	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_58607	LLEGGSLLDIIK	AGAP006715-PA	-	78	3.73E-08	2	1270.766	3.18	Ovary	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_58763	SGVTVTGSTTQPTDPK	AGAP006715-PA	-	78	2.28E-07	1	1575.787	0.5	Head	2L:+:37144670-37144717	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_62836	DDYELNDVIGVGATAVVHNAYCLPR	AGAP006715-PA	C22(Carbamidomethyl)	87	2.63E-08	1	2761.339	5.1	Head	2L:+:37143572-37143646	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_66043	LLEGGSLLDIIK	AGAP006715-PA	-	106	6.74E-11	1	1270.764	1.93	Malpighian tubule	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_70950	HGVFDEPTIATVLK	AGAP006715-PA	-	93	4.43E-09	1	1526.822	0.68	Malpighian tubule	2L:+:37143872-37143913	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_75148	LLEGGSLLDIIK	AGAP006715-PA	-	81	1.98E-08	2	1270.763	0.68	Male reproductive organs	2L:+:37143809-37143844	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_84574	SGVTVTGSTTQPTDPK	AGAP006715-PA	-	39	0.002193411	2	1575.794	5	Malpighian tubule	2L:+:37144670-37144717	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_98258	SLVGFAQISIK	AGAP006715-PA	-	39	0.000397965	2	1162.683	-0.16	Salivary gland	2L:+:37145024-37145056	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_105397	GLEYFHSNGQIHR	AGAP006715-PA	-	73	7.70E-07	1	1557.752	-2.24	Head	2L:+:37143926-37143964	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_109560	HGVFDEPTIATVLK	AGAP006715-PA	-	74	3.81E-07	1	1526.824	1.88	Head	2L:+:37143872-37143913	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_111062	HGVFDEPTIATVLK	AGAP006715-PA	-	100	1.08E-09	1	1526.823	0.76	Midgut	2L:+:37143872-37143913	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_111120	ELNDIQFEFVVGK	AGAP006715-PA	-	48	0.000206086	2	1537.793	1.96	Malpighian tubule	2L:+:37144811-37144849	exon=> In CDS Exon 1 of transcript AGAP006715-PA
JHU_Ag_56453	DGGEADASDAPQR	AGAP006718-PA	-	86	8.53E-09	1	1288.542	1.7	Head	2L:-:37154647-37154609	exon=> In CDS Exon 1 of transcript AGAP006718-PA
JHU_Ag_27100	ALSLLDLSEFER	AGAP006719-PA	-	81	8.47E-08	2	1392.741	3.06	Malpighian tubule	2L:-:37161193-37161158	exon=> In CDS Exon 2 of transcript AGAP006719-PA
JHU_Ag_41452	ALSLLDLSEFER	AGAP006719-PA	-	91	8.77E-09	2	1392.741	3.15	Pupa	2L:-:37161193-37161158	exon=> In CDS Exon 2 of transcript AGAP006719-PA
JHU_Ag_76035	ALSLLDLSEFER	AGAP006719-PA	-	65	4.09E-06	2	1392.741	2.71	Visceras	2L:-:37161193-37161158	exon=> In CDS Exon 2 of transcript AGAP006719-PA
JHU_Ag_82826	ALSLLDLSEFER	AGAP006719-PA	-	86	3.06E-08	2	1392.740	1.84	Head	2L:-:37161193-37161158	exon=> In CDS Exon 2 of transcript AGAP006719-PA
JHU_Ag_87106	ALSLLDLSEFER	AGAP006719-PA	-	40	0.001236335	2	1392.733	-3.07	Midgut	2L:-:37161193-37161158	exon=> In CDS Exon 2 of transcript AGAP006719-PA
JHU_Ag_108344	ALSLLDLSEFER	AGAP006719-PA	-	50	0.000131276	2	1392.744	4.73	Salivary gland	2L:-:37161193-37161158	exon=> In CDS Exon 2 of transcript AGAP006719-PA
JHU_Ag_112658	LLEDALVLTEDEQVFGIAR	AGAP006719-PA	Q13(Deamidated)	35	0.002746146	1	2132.144	14.75	Malpighian tubule	2L:-:37160974-37160918	exon=> In CDS Exon 2 of transcript AGAP006719-PA
JHU_Ag_2901	FSYESELNQLR	AGAP006724-PA	-	80	1.16E-07	1	1385.677	5.37	Malpighian tubule	2L:-:37286355-37286323	exon=> In CDS Exon 4 of transcript AGAP006724-PA

JHU_Ag_7582	FSYESELNQLRK	AGAP006724-PA	-	93	7.57E-09	1	1513.768	2.09	Malpighian tubule	2L:-:37286355-37286320	exon=> In CDS Exon 4 of transcript AGAP006724-PA
JHU_Ag_9472	FGGDPSNVTLFGESAGSASVNWHYLCPK	AGAP006724-PA	C26(Carbamidomethyl)	176	2.84E-17	1	2997.396	4.11	Malpighian tubule	2L:-:37287236-37287153	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_10281	FGQPTPEGDDVGFQWDPLPPTAAGEPFVLR	AGAP006724-PA	-	42	0.000812102	1	3240.587	7.27	Malpighian tubule	2L:-:37286163-37286074	exon=> In CDS Exon 4 of transcript AGAP006724-PA
JHU_Ag_21342	KPLPNGSEYYSYQGIPYAKPPVGELR	AGAP006724-PA	N5(Deamidated)	77	1.86E-07	1	2924.493	3.35	Malpighian tubule	2L:-:37287716-37287639	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_26370	QPNVTNVPLIHGVTSGEGLVFYGLLQQR	AGAP006724-PA	-	111	3.35E-11	1	3036.624	-0.81	Malpighian tubule	2L:-:37286758-37286675	exon=> In CDS Exon 3 of transcript AGAP006724-PA
JHU_Ag_30487	FDEVTTNLASLLPLDLGIPR	AGAP006724-PA	-	84	2.21E-08	1	2184.196	2.36	Malpighian tubule	2L:-:37286674-37286615	exon=> In CDS Exon 3 of transcript AGAP006724-PA
JHU_Ag_32588	LGPLGFLALPSVGIHGNQGLK	AGAP006724-PA	-	66	3.51E-07	1	2088.206	4.61	Larva	2L:-:37287344-37287282	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_37583	DQQLALR	AGAP006724-PA	-	40	0.001003381	2	843.470	2.43	Malpighian tubule	2L:-:37287281-37287261	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_41792	WVQENIAR	AGAP006724-PA	-	46	0.000321161	2	1015.533	1.05	Malpighian tubule	2L:-:37287260-37287237	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_47094	DFAPAVIEEIR	AGAP006724-PA	-	83	7.44E-08	1	1259.668	3.51	Malpighian tubule	2L:-:37286614-37286582	exon=> In CDS Exon 3 of transcript AGAP006724-PA
JHU_Ag_47780	KLAAVLGYEGEDDAGVLATLQNASAEELVSNSTK	AGAP006724-PA	-	41	0.000568971	3	3463.764	5.77	Malpighian tubule	2L:-:37287062-37287842,37286454-37286873	exon=> In CDS Exon 3 and 2 of transcript AGAP006724-PA
JHU_Ag_52867	KLYVPPTVAK	AGAP006724-PA	-	40	0.000272881	1	1115.682	-0.59	Malpighian tubule	2L:-:37288129-37288100	exon=> In CDS Exon 1 of transcript AGAP006724-PA
JHU_Ag_59712	QFYFQDKPIDR	AGAP006724-PA	-	42	0.000884385	1	1456.723	0.82	Malpighian tubule	2L:-:37286581-37286549	exon=> In CDS Exon 3 of transcript AGAP006724-PA
JHU_Ag_60627	AICQSGSVFCPWGLQYQPEGR	AGAP006724-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	57	2.93E-05	1	2440.131	5.75	Malpighian tubule	2L:-:37287131-37287069	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_63009	DGLGHLLDLVGDVGFYFPVYAAAELHSR	AGAP006724-PA	-	60	9.63E-06	1	3031.543	3.96	Malpighian tubule	2L:-:37286548-37286465	exon=> In CDS Exon 3 of transcript AGAP006724-PA
JHU_Ag_67486	FKPPVPLDQFDEQPLQCGSER	AGAP006724-PA	C17(Carbamidomethyl)	91	1.35E-08	1	2487.205	3.15	Malpighian tubule	2L:-:37287638-37287576	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_68272	KQFSVPDGTPGAAHADELSYLFNGSQITVPVEAGSVADQGR	AGAP006724-PA	-	37	0.001904634	1	4216.090	7.62	Malpighian tubule	2L:-:37286322-37286200	exon=> In CDS Exon 4 of transcript AGAP006724-PA
JHU_Ag_70326	IQFWR	AGAP006724-PA	-	31	0.005684096	1	749.410	0.65	Malpighian tubule	2L:-:37286019-37286005	exon=> In CDS Exon 4 of transcript AGAP006724-PA
JHU_Ag_71322	LGPLGFLALPSVGIHGNQGLK	AGAP006724-PA	-	87	3.54E-09	1	2088.198	0.57	Malpighian tubule	2L:-:37287344-37287282	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_77747	FQQEAPLYFYR	AGAP006724-PA	-	59	2.01E-05	2	1461.720	2.39	Salivary gland	2L:-:37286464-37286922,37285966-37286356	exon=> In CDS Exon 4 and 3 of transcript AGAP006724-PA
JHU_Ag_81652	LGPLGFLALPSVGIHGNQGLKDQQLALR	AGAP006724-PA	-	108	1.04E-11	1	2912.666	6.45	Malpighian tubule	2L:-:37287344-37287261	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_89243	FQQEAPLYFYR	AGAP006724-PA	-	83	9.09E-08	1	1461.719	1.97	Malpighian tubule	2L:-:37286464-37286922,37285966-37286356	exon=> In CDS Exon 4 and 3 of transcript AGAP006724-PA
JHU_Ag_89958	LAAVLGYEGEDDAGVLATLQNASAEELVSNSTK	AGAP006724-PA	-	106	3.16E-10	1	3335.646	-0.96	Malpighian tubule	2L:-:37287059-37287842,37286454-37286873	exon=> In CDS Exon 3 and 2 of transcript AGAP006724-PA
JHU_Ag_89959	QFSVPDGTPGAAHADELSYLFNGSQITVPVEAGSVADQGR	AGAP006724-PA	-	75	3.41E-07	1	4087.965	0.51	Malpighian tubule	2L:-:37286319-37286200	exon=> In CDS Exon 4 of transcript AGAP006724-PA
JHU_Ag_93305	DFAPAVIEEIR	AGAP006724-PA	-	43	0.000847768	2	1259.665	1.77	Pupa	2L:-:37286614-37286582	exon=> In CDS Exon 3 of transcript AGAP006724-PA
JHU_Ag_98960	ALDLNEQVQVVENPMQERIQFWR	AGAP006724-PA	M15(Oxidation)	115	3.28E-11	1	2842.440	3.14	Malpighian tubule	2L:-:37286073-37286005	exon=> In CDS Exon 4 of transcript AGAP006724-PA

JHU_Ag_102406	RKPLPNGSEYYSYQGIPYAKPPVGELR	AGAP006724-PA	N6(Deamidated)	123	4.71E-12	1	3080.598	4.61	Malpighian tubule	2L:-:37287719-37287639	exon=> In CDS Exon 2 of transcript AGAP006724-PA
JHU_Ag_102464	ALDLNEQVQVVENPMQER	AGAP006724-PA	M15(Oxidation)	99	2.17E-09	1	2112.050	5.09	Malpighian tubule	2L:-:37286073-37286020	exon=> In CDS Exon 4 of transcript AGAP006724-PA
JHU_Ag_49292	LWTNFAK	AGAP006724-PA,AGAP006727-PA	-	37	0.001718868	1	879.477	5.07	Malpighian tubule	2L:-:37286184-37286164;2L:-:37293283-37293263	exon=> In CDS Exon 4 of transcript AGAP006724-PA;exon=> In CDS Exon 3 of transcript AGAP006727-PA
JHU_Ag_17136	MMPNHLADR	AGAP006725-PA	-	50	9.14E-05	2	1084.491	-11.12	Midgut	2L:-:37288869-37288843	exon=> In CDS Exon 4 of transcript AGAP006725-PA
JHU_Ag_35125	IFTDTMYLIPTVQAAELHLR	AGAP006725-PA	M6(Oxidation)	121	7.04E-12	1	2348.234	0.88	Malpighian tubule	2L:-:37289337-37289278	exon=> In CDS Exon 3 of transcript AGAP006725-PA
JHU_Ag_52127	GTVTPLPDGSGPCYTFK	AGAP006725-PA	C13(Carbamidomethyl)	70	1.44E-06	1	1796.855	1.44	Malpighian tubule	2L:-:37290551-37290501	exon=> In CDS Exon 2 of transcript AGAP006725-PA
JHU_Ag_66642	GIPYAVPPVGPLR	AGAP006725-PA	-	48	4.67E-05	1	1335.780	1.16	Malpighian tubule	2L:-:37290500-37290462	exon=> In CDS Exon 2 of transcript AGAP006725-PA
JHU_Ag_117629	FIPDLLNVPAGER	AGAP006725-PA	-	62	5.68E-06	1	1440.786	0.74	Malpighian tubule	2L:-:37289457-37289419	exon=> In CDS Exon 3 of transcript AGAP006725-PA
JHU_Ag_5503	VGAVDAIITEHPAR	AGAP006726-PA	-	90	1.01E-08	1	1448.789	2.03	Malpighian tubule	2L:+:37291966-37292007	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_28019	TITTALGDNFNTLPGYIAAELHAR	AGAP006726-PA	-	82	6.43E-08	1	2559.326	2.2	Malpighian tubule	2L:+:37292242-37292313	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_28049	VGAVDAIITEHPAR	AGAP006726-PA	-	101	7.56E-10	1	1448.785	-0.25	Pupa	2L:+:37291966-37292007	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_30309	FPFTPVIER	AGAP006726-PA	-	39	0.001476338	2	1105.604	0.06	Head	2L:+:37291939-37291965	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_30406	VGAVDAIITEHPAR	AGAP006726-PA	-	60	9.41E-06	1	1448.786	-0.02	Head	2L:+:37291966-37292007	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_42523	ALPNGTDWYVFK	AGAP006726-PA	-	57	3.25E-05	1	1410.704	-0.89	Head	2L:+:37291162-37291197	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_47232	ITVSIRPGNIVGLK	AGAP006726-PA	-	39	7.62E-05	1	1466.908	1.56	Malpighian tubule	2L:+:37291117-37291158	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_56698	FPFTPVIER	AGAP006726-PA	-	49	0.000140642	1	1105.606	1.27	Malpighian tubule	2L:+:37291939-37291965	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_59864	TITTALGDNFNTLPGYIAAELHAR	AGAP006726-PA	-	92	3.94E-09	1	2559.340	7.78	Head	2L:+:37292242-37292313	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_63383	GIPYAQPPVGSLR	AGAP006726-PA	-	39	0.001233794	1	1354.750	1.82	Malpighian tubule	2L:+:37291198-37291236	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_64660	TITTALGDNFNTLPGYIAAELHAR	AGAP006726-PA	N11(Deamidated)	36	0.002287989	3	2560.336	12.42	Larva	2L:+:37292242-37292313	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_70135	LLGGEESDTDEAVLATLMGASAER	AGAP006726-PA	M18(Oxidation)	70	1.42E-06	2	2451.152	-1.44	Head	2L:+:37291810-37291881	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_75509	ITVSIRPGNIVGLK	AGAP006726-PA	-	60	6.04E-07	1	1466.908	1.44	Head	2L:+:37291117-37291158	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_84005	KYNGSHLLPK	AGAP006726-PA	-	33	0.002959074	1	1156.650	2.71	Head	2L:+:37292877-37292906	exon=> In CDS Exon 3 of transcript AGAP006726-PA
JHU_Ag_88730	AIAQSGTAFNEWLWQR	AGAP006726-PA	-	68	2.75E-06	2	1877.936	3.56	Head	2L:+:37291729-37291776	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_91595	GIPYAQPPVGSLR	AGAP006726-PA	-	38	0.001632254	2	1354.749	0.65	Pupa	2L:+:37291198-37291236	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_92884	ITVSIRPGNIVGLK	AGAP006726-PA	-	27	0.001352263	1	1466.905	-0.19	Pupa	2L:+:37291117-37291158	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_104922	LLGGEESDTDEAVLATLMGASAER	AGAP006726-PA	M18(Oxidation)	106	3.29E-10	1	2451.162	2.44	Malpighian tubule	2L:+:37291810-37291881	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_114843	FPFTPVIER	AGAP006726-PA	-	40	0.00095745	2	1105.606	1.27	Pupa	2L:+:37291939-37291965	exon=> In CDS Exon 1 of transcript AGAP006726-PA

JHU_Ag_115952	FPFTPVIER	AGAP006726-PA	-	40	0.000955665	1	1105.607	2.26	Ovary	2L:+:37291939-37291965	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_117161	ITVSIRPGNIVGLKR	AGAP006726-PA	-	53	1.31E-06	1	1623.008	0.82	Malpighian tubule	2L:+:37291117-37291161	exon=> In CDS Exon 1 of transcript AGAP006726-PA
JHU_Ag_90682	HGHPTPANDESLPFR	AGAP006727-PA	-	55	4.77E-05	3	1674.799	0.08	Head	2L:-:37293262-37293218	exon=> In CDS Exon 3 of transcript AGAP006727-PA
JHU_Ag_115466	LANYDVKPDTEAGR	AGAP006727-PA	-	47	0.000337199	2	1548.766	0.22	Midgut	2L:-:37293346-37293305	exon=> In CDS Exon 3 of transcript AGAP006727-PA
JHU_Ag_122	LYDLVSVTK	AGAP006729-PA	-	44	0.000216257	2	1037.590	1.81	Salivary gland	2L:-:37299373-37299347	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_2208	LYDLVSVTKR	AGAP006729-PA	-	65	1.45E-06	1	1193.690	0.82	Malpighian tubule	2L:-:37299373-37299344	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_3057	ALHGEEKPFIVIGAGAGPFPLVSSNCEGMFNLR	AGAP006729-PA	C26(Carbamidomethyl),"C26(Carbamidomethyl), M29(Oxidation)"	67	1.87E-06	1	3530.767	3.1	Malpighian tubule	2L:-:37299343-37299245	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_9023	LLFEEKPLHTPSLTELR	AGAP006729-PA	-	44	0.000173007	1	2023.126	1.93	Ovary	2L:-:37299735-37299685	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_13793	AVGLGGVFLLR	AGAP006729-PA	-	54	4.92E-06	2	1101.681	2.61	Pupa	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_18389	TKLYDLVSVTK	AGAP006729-PA	-	79	4.70E-08	1	1266.734	2.87	Malpighian tubule	2L:-:37299379-37299347	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_18520	TGNKDFIASIR	AGAP006729-PA	-	55	3.68E-05	1	1221.658	-0.24	Male reproductive organs	2L:-:37299070-37299038	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_19380	LYDLVSVTK	AGAP006729-PA	-	46	0.000159556	2	1037.587	-0.55	Visceras	2L:-:37299373-37299347	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_20198	CALLANLLVAEGNAGPVLK	AGAP006729-PA	C1(Carbamidomethyl)	96	1.01E-09	2	1923.079	2.78	Visceras	2L:-:37299145-37299089	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_21828	LYDLVSVTK	AGAP006729-PA	-	48	0.000103776	2	1037.585	-2.43	Male reproductive organs	2L:-:37299373-37299347	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_23744	YSPPGTVVSESHLAMVTAER	AGAP006729-PA	M15(Oxidation)	40	0.001414902	1	2147.042	-0.7	Ovary	2L:-:37299244-37299185	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_25061	LLFEEKPLHTPSLTELR	AGAP006729-PA	-	93	1.99E-09	1	2023.121	-0.89	Midgut	2L:-:37299735-37299685	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_25324	APFHLAGSGLNGTPALIEIGGPPYLLPVVDR	AGAP006729-PA	-	62	1.65E-06	1	3141.708	-0.58	Malpighian tubule	2L:-:37299537-37299611,37298660-37299380	exon=> In CDS Exon 3 and 2 of transcript AGAP006729-PA
JHU_Ag_27427	CALLANLLVAEGNAGPVLK	AGAP006729-PA	C1(Carbamidomethyl)	96	1.16E-09	1	1923.073	-0.33	Ovary	2L:-:37299145-37299089	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_28605	AVGLGGVFLLR	AGAP006729-PA	-	70	2.03E-07	1	1101.678	-0.16	Male reproductive organs	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_28806	TGNKDFIASIR	AGAP006729-PA	-	65	4.08E-06	1	1221.658	-0.34	Midgut	2L:-:37299070-37299038	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_30709	LLFEEKPLHTPSLTELR	AGAP006729-PA	-	52	2.30E-05	1	2023.130	3.84	Pupa	2L:-:37299735-37299685	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_41195	YSPPGTVVSESHLAMVTAER	AGAP006729-PA	M15(Oxidation)	145	4.97E-14	1	2131.051	0.78	Malpighian tubule	2L:-:37299244-37299185	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_43420	LLFEEKPLHTPSLTELR	AGAP006729-PA	-	65	1.31E-06	1	2023.126	1.57	Malpighian tubule	2L:-:37299735-37299685	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_44172	YSPPGTVVSESHLAMVTAEREVVVR	AGAP006729-PA	M15(Oxidation)	75	3.12E-07	1	2729.401	3.15	Malpighian tubule	2L:-:37299244-37299170	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_45422	IVRVDKPVNTHK	AGAP006729-PA	-	36	0.000445403	1	1405.828	0.64	Malpighian tubule	2L:-:37298710-37298675	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_46076	APFHLAGSGLNGTPALIEIGGPPYLLPVVDR	AGAP006729-PA	N11(Deamidated)	80	3.09E-08	1	3142.698	1.51	Midgut	2L:-:37299537-37299611,37298660-37299380	exon=> In CDS Exon 3 and 2 of transcript AGAP006729-PA

JHU_Ag_47933	LQHFHSFSTHGHGGHYHIDTTPETVEYEGYFVAGER	AGAP006729-PA	-	70	8.61E-07	1	4142.883	0.69	Midgut	2L:-:37298818-37298711	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_54715	AVGLGGVFLLR	AGAP006729-PA	-	64	7.90E-07	1	1101.679	1.06	Head	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_55246	AVGLGGVFLLR	AGAP006729-PA	-	64	7.81E-07	1	1101.679	1.06	Ovary	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_55984	APFHLAGSGLNGTPALIEIGGPPYLLPVVDR	AGAP006729-PA	-	30	0.001672139	3	3141.718	2.68	Visceras	2L:-:37299537-37299611,37298660-37299380	exon=> In CDS Exon 3 and 2 of transcript AGAP006729-PA
JHU_Ag_57577	AVGLGGVFLLR	AGAP006729-PA	-	38	0.0003601	2	1101.678	0.06	Salivary gland	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_59134	AVGLGGVFLLR	AGAP006729-PA	-	71	1.83E-07	1	1101.679	1.06	Visceras	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_61795	TKLYDLVSVTK	AGAP006729-PA	-	58	5.88E-06	1	1266.731	0.17	Midgut	2L:-:37299379-37299347	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_64776	APFHLAGSGLNGTPALIEIGGPPYLLPVVDR	AGAP006729-PA	-	46	4.14E-05	1	3141.721	3.73	Salivary gland	2L:-:37299537-37299611,37298660-37299380	exon=> In CDS Exon 3 and 2 of transcript AGAP006729-PA
JHU_Ag_66725	YSPPGTVVSESHLAMVTAER	AGAP006729-PA	M15(Oxidation)	145	4.94E-14	1	2131.050	0.67	Midgut	2L:-:37299244-37299185	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_69582	LLFEEKPLHTPSLTELR	AGAP006729-PA	-	60	4.57E-06	1	2023.122	-0.24	Male reproductive organs	2L:-:37299735-37299685	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_69740	AVGLGGVFLLR	AGAP006729-PA	-	72	1.41E-07	2	1101.678	0.06	Midgut	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_71988	ALHGEEKPFIVIGAGAGPFPLVSSNCEGMFNLR	AGAP006729-PA	C26(Carbamidomethyl), M29(Oxidation)	74	3.26E-07	1	3530.775	5.39	Midgut	2L:-:37299343-37299245	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_73510	CALLANLLVAEGNAGPVLK	AGAP006729-PA	C1(Carbamidomethyl)	117	9.13E-12	2	1923.070	-1.53	Midgut	2L:-:37299145-37299089	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_75278	MESLDTAK	AGAP006729-PA	N-Term(Acetyl)	59	1.96E-05	1	936.433	-1.69	Midgut	2L:-:37299759-37299736	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_83409	AVGLGGVFLLR	AGAP006729-PA	-	37	0.000229182	2	1101.682	3.38	Larva	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_87647	LLFEEKPLHTPSLTELR	AGAP006729-PA	-	53	1.90E-05	1	2023.126	1.93	Visceras	2L:-:37299735-37299685	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_91945	LYDLVSVTKR	AGAP006729-PA	-	47	9.80E-05	2	1193.689	-0.21	Midgut	2L:-:37299373-37299344	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_93809	AVGLGGVFLLR	AGAP006729-PA	-	72	8.38E-08	2	1101.681	2.83	Malpighian tubule	2L:-:37299007-37298975	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_103769	TGNKDFIASIR	AGAP006729-PA	-	84	4.60E-08	1	1221.661	1.75	Malpighian tubule	2L:-:37299070-37299038	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_105635	MESLDTAK	AGAP006729-PA	N-Term(Acetyl)	67	2.59E-06	1	936.436	1.82	Malpighian tubule	2L:-:37299759-37299736	exon=> In CDS Exon 1 of transcript AGAP006729-PA
JHU_Ag_107786	CALLANLLVAEGNAGPVLK	AGAP006729-PA	C1(Carbamidomethyl)	93	1.95E-09	2	1923.077	1.83	Malpighian tubule	2L:-:37299145-37299089	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_112282	LYDLVSVTK	AGAP006729-PA	-	58	1.00E-05	2	1037.587	-0.43	Midgut	2L:-:37299373-37299347	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_112816	LYDLVSVTK	AGAP006729-PA	-	59	7.33E-06	1	1037.589	0.87	Malpighian tubule	2L:-:37299373-37299347	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_116822	DFIASIR	AGAP006729-PA	-	33	0.006197406	1	821.453	2.11	Malpighian tubule	2L:-:37299058-37299038	exon=> In CDS Exon 3 of transcript AGAP006729-PA
JHU_Ag_9840	IEMSLDEIIK	AGAP006733-PA	M3(Oxidation)	61	1.11E-05	2	1206.627	-1.09	Ovary	2L:+:37415505-37415534	exon=> In CDS Exon 1 of transcript AGAP006733-PA
JHU_Ag_15013	QYNGVPLDGRPMSIQMATSEIPAPR	AGAP006733-PA	M12(Oxidation), M16(Oxidation)	69	2.09E-06	1	2760.337	-2.76	Ovary	2L:+:37418634-37418708	exon=> In CDS Exon 3 of transcript AGAP006733-PA
JHU_Ag_15521	TAEELDAELDAYTK	AGAP006733-PA	-	130	1.44E-12	1	1568.733	0.17	Ovary	2L:+:37418936-37418977	exon=> In CDS Exon 4 of transcript AGAP006733-PA

JHU_Ag_27624	LLAAAGGLGAGGPGGAAK	AGAP006733-PA	-	119	6.31E-12	1	1408.792	0.71	Head	2L:+:37418320-37418373	exon=> In CDS Exon 2 of transcript AGAP006733-PA
JHU_Ag_31533	NRLLAAAGGLGAGGPGGAAK	AGAP006733-PA	-	86	1.22E-08	2	1678.942	4.01	Malpighian tubule	2L:+:37418314-37418373	exon=> In CDS Exon 2 of transcript AGAP006733-PA
JHU_Ag_34863	SLGTADVVFER	AGAP006733-PA	-	77	3.04E-07	2	1193.617	1.12	Ovary	2L:+:37418485-37418491,37418581-37418606	exon=> In CDS Exon 2 and 3 of transcript AGAP006733-PA
JHU_Ag_35165	VDKIEMSLDEIIK	AGAP006733-PA	N-Term(Acetyl)	44	0.000559662	2	1574.843	5.56	Malpighian tubule	2L:+:37415496-37415534	exon=> In CDS Exon 1 of transcript AGAP006733-PA
JHU_Ag_38726	LLAAAGGLGAGGPGGAAK	AGAP006733-PA	-	105	1.58E-10	1	1408.794	2.01	Salivary gland	2L:+:37418320-37418373	exon=> In CDS Exon 2 of transcript AGAP006733-PA
JHU_Ag_39192	VPRPAVLAASASAR	AGAP006733-PA	-	109	3.79E-11	1	1365.798	1.34	Malpighian tubule	2L:+:37418709-37418750	exon=> In CDS Exon 3 of transcript AGAP006733-PA
JHU_Ag_45229	TAEELDAELDAYTKDMK	AGAP006733-PA	M16(Oxidation)	58	1.69E-05	1	1958.897	3.5	Malpighian tubule	2L:+:37418936-37418986	exon=> In CDS Exon 4 of transcript AGAP006733-PA
JHU_Ag_47113	VPRPAVLAASASAR	AGAP006733-PA	-	52	1.81E-05	1	1365.799	2.02	Salivary gland	2L:+:37418709-37418750	exon=> In CDS Exon 3 of transcript AGAP006733-PA
JHU_Ag_48573	LLAAAGGLGAGGPGGAAK	AGAP006733-PA	-	123	2.25E-12	1	1408.795	2.7	Malpighian tubule	2L:+:37418320-37418373	exon=> In CDS Exon 2 of transcript AGAP006733-PA
JHU_Ag_50174	RPGAGSGGASGGGAR	AGAP006733-PA	-	91	8.48E-09	1	1214.592	-5.43	Head	2L:+:37415601-37415645	exon=> In CDS Exon 1 of transcript AGAP006733-PA
JHU_Ag_64907	VDKIEMSLDEIIK	AGAP006733-PA	M6(Oxidation)	98	2.00E-09	1	1548.818	-0.96	Ovary	2L:+:37415496-37415534	exon=> In CDS Exon 1 of transcript AGAP006733-PA
JHU_Ag_84021	LLAAAGGLGAGGPGGAAK	AGAP006733-PA	-	133	2.53E-13	1	1408.791	0.1	Ovary	2L:+:37418320-37418373	exon=> In CDS Exon 2 of transcript AGAP006733-PA
JHU_Ag_96678	SNRRPGAGSGGASGGGAR	AGAP006733-PA	-	91	1.07E-08	1	1571.782	4.5	Malpighian tubule	2L:+:37415592-37415645	exon=> In CDS Exon 1 of transcript AGAP006733-PA
JHU_Ag_97110	VPRPAVLAASASAR	AGAP006733-PA	-	110	3.19E-11	1	1365.797	0.62	Head	2L:+:37418709-37418750	exon=> In CDS Exon 3 of transcript AGAP006733-PA
JHU_Ag_97957	VPRPAVLAASASAR	AGAP006733-PA	-	63	1.51E-06	1	1365.798	1.34	Male reproductive organs	2L:+:37418709-37418750	exon=> In CDS Exon 3 of transcript AGAP006733-PA
JHU_Ag_99139	VDKIEMSLDEIIK	AGAP006733-PA	N-Term(Acetyl), M6(Oxidation)	43	0.000766 13	1	1590.832	1.41	Ovary	2L:+:37415496-37415534	exon=> In CDS Exon 1 of transcript AGAP006733-PA
JHU_Ag_106162	SLGTADVVFER	AGAP006733-PA	-	83	6.87E-08	1	1193.617	0.71	Male reproductive organs	2L:+:37418485-37418491,37418581-37418606	exon=> In CDS Exon 2 and 3 of transcript AGAP006733-PA
JHU_Ag_110571	LLAAAGGLGAGGPGGAAK	AGAP006733-PA	-	121	4.14E-12	1	1408.792	1.05	Male reproductive organs	2L:+:37418320-37418373	exon=> In CDS Exon 2 of transcript AGAP006733-PA
JHU_Ag_115274	SLGTADVVFER	AGAP006733-PA	-	79	1.99E-07	1	1193.619	2.65	Malpighian tubule	2L:+:37418485-37418491,37418581-37418606	exon=> In CDS Exon 2 and 3 of transcript AGAP006733-PA
JHU_Ag_117709	LLVSNLDFGVSETDINELFAEFGPLR	AGAP006733-PA	-	142	6.24E-14	1	2895.479	0.6	Ovary	2L:+:37418374-37418451	exon=> In CDS Exon 2 of transcript AGAP006733-PA
JHU_Ag_8149	FDRELDQLAQER	AGAP006735-PA	Q7(Deamidated)	40	0.001831238	2	1520.750	10.53	Midgut	2L:-:37428746-37428711	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_14709	VAIEQVELEMEQIQR	AGAP006735-PA	M10(Oxidation)	86	3.59E-08	2	1830.926	-0.6	Male reproductive organs	2L:-:37428542-37428498	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_21401	LAAIHEELPAEK	AGAP006735-PA	-	45	0.000337 83	2	1320.716	-0.18	Male reproductive organs	2L:-:37429079-37429044	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_30194	NEKLELQR	AGAP006735-PA	-	53	6.73E-05	1	1029.570	0.7	Male reproductive organs	2L:-:37428233-37428210	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_43583	VFDIDERDYPSLEEQK	AGAP006735-PA	-	53	8.67E-05	1	1982.934	-0.2	Male reproductive organs	2L:-:37430484-37430437	exon=> In CDS Exon 5 of transcript AGAP006735-PA
JHU_Ag_44486	ELDQLAQER	AGAP006735-PA	-	42	0.000734038	2	1101.556	1.87	Male reproductive organs	2L:-:37428737-37428711	exon=> In CDS Exon 8 of transcript AGAP006735-PA

JHU_Ag_45384	AITALGLNAR	AGAP006735-PA	-	63	3.95E-06	2	999.594	-0.75	Male reproductive organs	2L:-:37431497-37431468	exon=> In CDS Exon 4 of transcript AGAP006735-PA
JHU_Ag_46637	VNLIQLLKPHSK	AGAP006735-PA	-	33	0.0003891	1	1389.858	0.15	Male reproductive organs	2L:-:37431533-37431498	exon=> In CDS Exon 4 of transcript AGAP006735-PA
JHU_Ag_53777	NGLLQAVQDAR	AGAP006735-PA	N1(Deamidated)	55	3.21E-05	2	1185.623	0.58	Male reproductive organs	2L:-:37428575-37428543	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_79625	SDPDYEPAEEQVETTTGK	AGAP006735-PA	-	54	2.71E-05	2	1995.865	-0.86	Male reproductive organs	2L:-:37429259-37429206	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_84342	FNSSCLDNDYTK	AGAP006735-PA	C5(Carbamidomethyl)	53	1.91E-05	1	1463.610	-0.59	Male reproductive organs	2L:-:37428473-37428438	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_89235	IPVTDFVLDER	AGAP006735-PA	-	68	2.57E-06	2	1303.690	0.52	Male reproductive organs	2L:-:37430301-37430269	exon=> In CDS Exon 5 of transcript AGAP006735-PA
JHU_Ag_91678	TETEFQDVENSLLFNR	AGAP006735-PA	-	91	1.17E-08	2	1941.919	0.15	Male reproductive organs	2L:-:37428011-37427964	exon=> In CDS Exon 8 of transcript AGAP006735-PA
JHU_Ag_98566	SLISKPIR	AGAP006735-PA	-	36	0.000850186	1	913.583	-0.38	Male reproductive organs	2L:-:37433088-37433065	exon=> In CDS Exon 1 of transcript AGAP006735-PA
JHU_Ag_51326	YEPDPCTQLQNPSVYSR	AGAP006737-PA	C6(Carbamidomethyl)	69	1.71E-06	1	2053.935	3.13	Male reproductive organs	2L:+:37490318-37490368	exon=> In CDS Exon 2 of transcript AGAP006737-PA
JHU_Ag_55421	TDAIPLLPIPNESNLPR	AGAP006745-PA	-	40	0.000663512	2	1860.023	0.33	Male reproductive organs	2L:+:37708999-37709049	exon=> In CDS Exon 2 of transcript AGAP006745-PA
JHU_Ag_32592	VVQTTATGQVIPDVNVYQQK	AGAP006745-PB,AGAP006745-PA	-	74	3.49E-07	1	2188.163	0.8	Male reproductive organs	2L:+:37709296-37709298,37709375-37709431;2L:+:37709296-37709298,37709375-37709431	exon=> In CDS Exon 2 and 3 of transcript AGAP006745-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP006745-PA
JHU_Ag_54126	VVQTTATGQVIPDVNVYQQK	AGAP006745-PB,AGAP006745-PA	-	67	1.89E-06	1	2188.168	3.36	Head	2L:+:37709296-37709298,37709375-37709431;2L:+:37709296-37709298,37709375-37709431	exon=> In CDS Exon 2 and 3 of transcript AGAP006745-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP006745-PA
JHU_Ag_70199	GIDSGFLDPVDNGSVDTGVSR	AGAP006745-PB,AGAP006745-PA	-	70	1.46E-06	2	2106.992	-0.81	Male reproductive organs	2L:+:37709140-37709202;2L:+:37709140-37709202	exon=> In CDS Exon 2 of transcript AGAP006745-PB;exon=> In CDS Exon 2 of transcript AGAP006745-PA
JHU_Ag_16137	LPSKAALR	AGAP006748-PA	-	32	0.001675758	1	855.543	2.39	Head	2L:-:37747267-37747244	exon=> In CDS Exon 2 of transcript AGAP006748-PA
JHU_Ag_90479	LPSKAALR	AGAP006748-PA	-	32	0.001358526	1	855.545	4.88	Malpighian tubule	2L:-:37747267-37747244	exon=> In CDS Exon 2 of transcript AGAP006748-PA
JHU_Ag_39176	AAEQLKTLIR	AGAP006750-PA	Q4(Deamidated)	31	0.004336619	1	1143.675	1.29	Midgut	2L:-:37754520-37754491	exon=> In CDS Exon 1 of transcript AGAP006750-PA
JHU_Ag_73805	IALIIGR	AGAP006750-PA	-	43	2.90E-05	2	755.514	-0.07	Male reproductive organs	2L:-:37754274-37754254	exon=> In CDS Exon 1 of transcript AGAP006750-PA
JHU_Ag_5234	KIIMINDK	AGAP006755-PA	M4(Oxidation)	30	0.007521527	1	990.574	9.25	Ovary	2L:+:37874842-37874865	exon=> In CDS Exon 3 of transcript AGAP006755-PA
JHU_Ag_20985	IKEEPIDDYPDYSAQYSQYQSQVK	AGAP006755-PA	-	97	2.46E-09	1	2894.353	5.45	Visceras	2L:+:37879120-37879141,37879441-37879490	exon=> In CDS Exon 5 and 6 of transcript AGAP006755-PA
JHU_Ag_72094	GYAFIEYEHER	AGAP006755-PA	-	42	0.000635893	1	1413.641	-1.49	Head	2L:+:37874884-37874916	exon=> In CDS Exon 3 of transcript AGAP006755-PA
JHU_Ag_96504	IKEEPIDDYPDYSAQYSQYQSQVK	AGAP006755-PA	-	153	5.78E-15	1	2894.341	1.59	Ovary	2L:+:37879120-37879141,37879441-37879490	exon=> In CDS Exon 5 and 6 of transcript AGAP006755-PA

JHU_Ag_1140	TEVSIEQAPR	AGAP006756-PA	-	49	0.000140973	1	1129.583	-2	Malpighian tubule	2L:-:37884197-37884168	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_5218	NGFQDVFGR	AGAP006756-PA	N1(Deamidated)	41	0.000657441	1	1040.482	1.9	Salivary gland	2L:-:37884947-37884921	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_15812	TEVSIEQAPR	AGAP006756-PA	-	42	0.000840275	2	1129.584	-0.49	Salivary gland	2L:-:37884197-37884168	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_20291	TTSATGWQSVGLFVPDGSGR	AGAP006756-PA	-	81	1.11E-07	2	2022.994	2.92	Salivary gland	2L:-:37885112-37885053	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_25887	AGADELVKPK	AGAP006756-PA	-	40	0.000662611	2	1027.579	1.06	Salivary gland	2L:-:37883693-37883664	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_30362	SAPTSAASFLVDDVQDSSLR	AGAP006756-PA	-	87	3.38E-08	2	2066.008	1.99	Salivary gland	2L:-:37883468-37883409	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_30827	LADSLSLEQEGQQGAEVR	AGAP006756-PA	-	52	9.62E-05	2	1929.954	1.59	Salivary gland	2L:-:37884674-37884621	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_36658	SSSSGSFSVVDLQR	AGAP006756-PA	-	76	4.62E-07	2	1455.716	5.94	Malpighian tubule	2L:-:37883783-37883742	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_49142	TTSATGWQSVGLFVPDGSGR	AGAP006756-PA	-	42	0.001107935	2	2022.999	5.21	Malpighian tubule	2L:-:37885112-37885053	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_58026	LADSLSLEQEGQQGAEVR	AGAP006756-PA	-	64	6.59E-06	2	1929.956	2.6	Malpighian tubule	2L:-:37884674-37884621	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_59446	LSQAQEAADGDSQLENESIK	AGAP006756-PA	-	145	4.40E-14	1	2133.003	3.95	Malpighian tubule	2L:-:37883204-37883145	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_70464	AGADELVKPK	AGAP006756-PA	-	59	7.29E-06	1	1027.581	2.84	Malpighian tubule	2L:-:37883693-37883664	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_71932	LSQAQEAADGDSQLENESIK	AGAP006756-PA	-	102	8.58E-10	2	2132.995	0.51	Salivary gland	2L:-:37883204-37883145	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_78727	TPSTSQIPR	AGAP006756-PA	-	59	1.73E-05	2	986.528	1.39	Malpighian tubule	2L:-:37884740-37884714	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_89049	VIDTPPVAPPR	AGAP006756-PA	-	49	9.98E-05	2	1161.663	-0.15	Salivary gland	2L:-:37885040-37885008	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_102160	FVESTETSAEVK	AGAP006756-PA	-	51	0.000101802	2	1326.642	-0.21	Salivary gland	2L:-:37884551-37884516	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_115910	VIDTPPVAPPR	AGAP006756-PA	-	44	0.000255 95	2	1161.668	4.37	Malpighian tubule	2L:-:37885040-37885008	exon=> In CDS Exon 2 of transcript AGAP006756-PA
JHU_Ag_54955	IIQIVK	AGAP006758-PA	Q3(Deamidated)	35	0.000499 4	1	714.476	-0.55	Midgut	2L:+:37917751-37917768	exon=> In CDS Exon 4 of transcript AGAP006758-PA
JHU_Ag_97701	ASVVMLDRWSIEVK	AGAP006762-PA	M5(Oxidation)	38	0.002095733	1	1648.849	-14.55	Pupa	2L:+:38005051-38005092	exon=> In CDS Exon 12 of transcript AGAP006762-PA
JHU_Ag_1986	IEDLTQQAQVAAAEK	AGAP006766-PA	-	134	4.74E-13	2	1614.832	-1.13	Midgut	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_4432	NPHSDTYIIFGEAK	AGAP006766-PA	-	78	2.79E-07	1	1591.770	-3.32	Head	2L:+:38039256-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_14644	NILFVINNPDVYKNPHSDTYIIFGEAK	AGAP006766-PA	-	89	1.09E-08	1	3121.600	0.29	Midgut	2L:+:38039217-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_16132	IEDLTQQAQVAAAEK	AGAP006766-PA	-	129	1.54E-12	1	1614.835	0.98	Pupa	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_16340	NPHSDTYIIFGEAK	AGAP006766-PA	-	80	1.59E-07	1	1591.776	0.82	Ovary	2L:+:38039256-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_31405	PELTEITESAAAASSGTTEAK	AGAP006766-PA	-	106	3.35E-10	2	2064.005	3.24	Malpighian tubule	2L:+:38038849-38038911	exon=> In CDS Exon 1 of transcript AGAP006766-PA
JHU_Ag_31888	PELTEITESAAAASSGTTEAK	AGAP006766-PA	-	143	7.53E-14	1	2063.996	-1.02	Male reproductive organs	2L:+:38038849-38038911	exon=> In CDS Exon 1 of transcript AGAP006766-PA
JHU_Ag_36485	NILFVINNPDVYK	AGAP006766-PA	-	48	0.000116322	2	1548.850	5.34	Larva	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_41317	NILFVINNPDVYK	AGAP006766-PA	-	83	5.19E-08	1	1548.841	-0.49	Salivary gland	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA

JHU_Ag_43556	PELTEITESAAAASSGTTEAK	AGAP006766-PA	-	134	5.51E-13	1	2063.998	-0.07	Head	2L:+:38038849-38038911	exon=> In CDS Exon 1 of transcript AGAP006766-PA
JHU_Ag_43885	IEDLTQQAQVAAAEK	AGAP006766-PA	-	121	1.09E-11	1	1614.833	-0.23	Salivary gland	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_49581	NPHSDTYIIFGEAK	AGAP006766-PA	-	50	0.000185973	1	1591.783	5.01	Salivary gland	2L:+:38039256-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_51925	PELTEITESAAAASSGTTEAK	AGAP006766-PA	N-Term(Acetyl)	154	6.50E-15	1	2106.011	1.06	Ovary	2L:+:38038849-38038911	exon=> In CDS Exon 1 of transcript AGAP006766-PA
JHU_Ag_52082	LGLKPVQGVNR	AGAP006766-PA	-	81	1.37E-08	1	1180.715	-0.74	Male reproductive organs	2L:+:38039163-38039195	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_52894	NILFVINNPDVYK	AGAP006766-PA	-	65	3.07E-06	2	1548.846	2.82	Pupa	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_54168	LGLKPVQGVNR	AGAP006766-PA	-	37	0.000321724	3	1180.718	1.94	Midgut	2L:+:38039163-38039195	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_54433	IEDLTQQAQVAAAEK	AGAP006766-PA	Q7(Deamidated),"Q7(Deamidated), Q9(Deamidated)","Q6(Deamidated), Q7(Deamidated)"	147	2.28E-14	1	1614.833	-0.53	Ovary	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_55264	APEATPAAGEASSSTNVVTPIAEEDEEEVDDTGIDDK	AGAP006766-PA	-	197	1.52E-19	1	3759.674	0.25	Ovary	2L:+:38039349-38039459	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_61576	NILFVINNPDVYK	AGAP006766-PA	-	77	1.92E-07	1	1548.842	0.06	Male reproductive organs	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_62411	ALKNNENDIVNAIMELTM	AGAP006766-PA	M18(Oxidation),"M14(Oxidation), M18(Oxidation)"	83	7.87E-08	2	2049.008	4.22	Malpighian tubule	2L:+:38039514-38039567	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_65266	NPHSDTYIIFGEAK	AGAP006766-PA	-	50	0.000165012	2	1591.774	-0.59	Midgut	2L:+:38039256-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_66293	LGLKPVQGVNR	AGAP006766-PA	-	78	2.71E-08	1	1180.717	0.71	Head	2L:+:38039163-38039195	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_66319	NILFVINNPDVYK	AGAP006766-PA	-	67	1.57E-06	1	1548.847	3.42	Midgut	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_71211	NILFVINNPDVYK	AGAP006766-PA	-	61	6.78E-06	1	1548.844	1.4	Head	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_75449	IEDLTQQAQVAAAEK	AGAP006766-PA	-	121	1.10E-11	1	1614.839	3.48	Larva	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_78278	NPHSDTYIIFGEAK	AGAP006766-PA	-	37	0.003219176	1	1591.772	-1.71	Male reproductive organs	2L:+:38039256-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_78617	IEDLTQQAQVAAAEK	AGAP006766-PA	-	147	2.46E-14	1	1614.838	3.1	Head	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_80564	NPHSDTYIIFGEAK	AGAP006766-PA	-	77	3.35E-07	2	1591.779	2.25	Malpighian tubule	2L:+:38039256-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_82176	NILFVINNPDVYK	AGAP006766-PA	-	90	9.93E-09	1	1548.843	0.62	Ovary	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_84059	NILFVINNPDVYKNPHSDTYIIFGEAK	AGAP006766-PA	-	47	0.000161045	1	3121.601	0.65	Salivary gland	2L:+:38039217-38039297	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_85745	IEDLTQQAQVAAAEK	AGAP006766-PA	-	134	5.88E-13	1	1614.836	1.66	Malpighian tubule	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_89067	LGLKPVQGVNR	AGAP006766-PA	-	77	3.57E-08	1	1180.718	1.53	Malpighian tubule	2L:+:38039163-38039195	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_93250	DIDLVMSQANVK	AGAP006766-PA	M6(Oxidation)	102	1.25E-09	2	1348.680	1.55	Head	2L:+:38039460-38039495	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_100755	DIDLVMSQANVK	AGAP006766-PA	M6(Oxidation)	100	1.89E-09	1	1348.678	0.28	Ovary	2L:+:38039460-38039495	exon=> In CDS Exon 2 of transcript AGAP006766-PA

JHU_Ag_100837	NNENDIVNAIMELTM	AGAP006766-PA	N4(Deamidated), M11(Oxidation), M15(Oxidation),"M11(Oxidation), M15(Oxidation)","N1(Deamidated), M11(Oxidation), M15(Oxidation)","N2(Deamidated), M11(Oxidation), M15(Oxidation)"	103	5.71E-10	1	1752.780	1.06	Ovary	2L:+:38039523-38039567	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_101531	LGLKPVQGVNR	AGAP006766-PA	-	66	4.81E-07	1	1180.714	-2.08	Ovary	2L:+:38039163-38039195	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_102061	NNENDIVNAIMELTM	AGAP006766-PA	M11(Oxidation), M15(Oxidation)	89	1.34E-08	2	1752.785	3.99	Male reproductive organs	2L:+:38039523-38039567	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_103888	LGLKPVQGVNR	AGAP006766-PA	-	75	5.35E-08	1	1180.716	-0.02	Pupa	2L:+:38039163-38039195	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_104539	LGLKPVQGVNRVTIR	AGAP006766-PA	-	57	6.73E-07	1	1650.022	2.62	Malpighian tubule	2L:+:38039163-38039207	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_107800	LGLKPVQGVNR	AGAP006766-PA	-	40	0.000156 85	1	1180.717	0.6	Salivary gland	2L:+:38039163-38039195	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_107806	PELTEITESAAAASSGTTEAK	AGAP006766-PA	-	119	1.86E-11	2	2064.003	2.53	Salivary gland	2L:+:38038849-38038911	exon=> In CDS Exon 1 of transcript AGAP006766-PA
JHU_Ag_111243	NNENDIVNAIMELTM	AGAP006766-PA	M11(Oxidation), M15(Oxidation)	96	3.13E-09	2	1752.785	4.2	Salivary gland	2L:+:38039523-38039567	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_111710	NILFVINNPDVYK	AGAP006766-PA	-	85	2.75E-08	2	1548.846	2.74	Malpighian tubule	2L:+:38039217-38039255	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_112320	PELTEITESAAAASSGTTEAK	AGAP006766-PA	-	172	9.89E-17	1	2063.999	0.52	Ovary	2L:+:38038849-38038911	exon=> In CDS Exon 1 of transcript AGAP006766-PA
JHU_Ag_115169	IEDLTQQAQVAAAEK	AGAP006766-PA	-	123	5.82E-12	1	1614.838	2.8	Male reproductive organs	2L:+:38039298-38039342	exon=> In CDS Exon 2 of transcript AGAP006766-PA
JHU_Ag_1249	IREEQLSDECLEQR	AGAP006767-PA	C10(Carbamidomethyl)	83	7.12E-08	1	1804.855	2.87	Malpighian tubule	2L:+:38043479-38043520	exon=> In CDS Exon 2 of transcript AGAP006767-PA
JHU_Ag_18883	LSTNNVKDLLAIVR	AGAP006767-PA	-	107	4.16E-11	1	1555.924	4.77	Malpighian tubule	2L:+:38044274-38044315	exon=> In CDS Exon 3 of transcript AGAP006767-PA
JHU_Ag_46900	VSHLHLRIDSSDVTTK	AGAP006767-PA	-	63	4.45E-06	1	1807.967	0.61	Malpighian tubule	2L:+:38044157-38044204	exon=> In CDS Exon 3 of transcript AGAP006767-PA
JHU_Ag_52365	SFQQHGIEVQVVNR	AGAP006767-PA	-	78	2.24E-07	1	1640.854	2.23	Malpighian tubule	2L:+:38043602-38043643	exon=> In CDS Exon 2 of transcript AGAP006767-PA
JHU_Ag_100465	DLLAIVR	AGAP006767-PA	-	37	0.001403 803	1	799.504	-0.08	Pupa	2L:+:38044295-38044315	exon=> In CDS Exon 3 of transcript AGAP006767-PA
JHU_Ag_115527	DLLAIVR	AGAP006767-PA	-	47	0.000146 299	2	799.506	2.35	Malpighian tubule	2L:+:38044295-38044315	exon=> In CDS Exon 3 of transcript AGAP006767-PA
JHU_Ag_115535	ASPFFLSNGKK	AGAP006767-PA	-	50	0.000100 287	1	1195.648	1.21	Malpighian tubule	2L:+:38043731-38043763	exon=> In CDS Exon 2 of transcript AGAP006767-PA
JHU_Ag_42549	FLQYLSVQAER	AGAP006769-PA	-	42	0.000581 866	2	1353.716	0.23	Head	2L:+:38068913-38068945	exon=> In CDS Exon 1 of transcript AGAP006769-PA
JHU_Ag_10935	VVGNPGTQK	AGAP006771-PA	-	42	0.000410 857	2	899.495	0.68	Male reproductive organs	2L:+:38089193-38089219	exon=> In CDS Exon 5 of transcript AGAP006771-PA
JHU_Ag_107358	VQATGENMRK	AGAP006771-PA	M8(Oxidation)	40	0.001768 799	1	1149.569	0.44	Male reproductive organs	2L:+:38089127-38089156	exon=> In CDS Exon 5 of transcript AGAP006771-PA
JHU_Ag_112400	GLHLVK	AGAP006771-PA	-	25	0.001415 696	1	666.431	1.64	Male reproductive organs	2L:+:38089393-38089410	exon=> In CDS Exon 6 of transcript AGAP006771-PA
JHU_Ag_127	LNNDEREEEFQER	AGAP006772-PA	Q11(Deamidated)	77	1.60E-07	1	1707.750	-3.83	Head	2L:+:38107329-38107367	exon=> In CDS Exon 4 of transcript AGAP006772-PA

JHU_Ag_648	YAGDHEGTITEPAELEELKDK	AGAP006772-PA	-	91	1.10E-08	1	2345.112	-1.05	Midgut	2L:+:38108259-38108277,38108345-38108388	exon=> In CDS Exon 4 and 5 of transcript AGAP006772-PA
JHU_Ag_3859	DELSSYPTVFR	AGAP006772-PA	-	33	0.006008767	2	1313.640	2.05	Head	2L:+:38107155-38107158,38107231-38107259	exon=> In CDS Exon 3 and 4 of transcript AGAP006772-PA
JHU_Ag_4060	DLQALFGAPIEPK	AGAP006772-PA	-	64	3.29E-06	2	1398.764	0.64	Head	2L:+:38107647-38107685	exon=> In CDS Exon 4 of transcript AGAP006772-PA
JHU_Ag_22420	ERDELSSYPTVFR	AGAP006772-PA	-	90	1.47E-08	1	1598.784	1.96	Head	2L:+:38107149-38107158,38107231-38107259	exon=> In CDS Exon 3 and 4 of transcript AGAP006772-PA
JHU_Ag_22865	YAGDHEGTITEPAELEELK	AGAP006772-PA	-	55	4.60E-05	2	2101.989	-1.76	Head	2L:+:38108259-38108277,38108345-38108382	exon=> In CDS Exon 4 and 5 of transcript AGAP006772-PA
JHU_Ag_28089	SVLMILR	AGAP006772-PA	-	32	0.002576507	1	831.506	-6.87	Ovary	2L:+:38109184-38109204	exon=> In CDS Exon 8 of transcript AGAP006772-PA
JHU_Ag_28498	VCDLQYLSEADNICENQPDCQTTAR	AGAP006772-PA	C2(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	86	1.03E-08	1	3000.280	1.01	Head	2L:+:38109109-38109183	exon=> In CDS Exon 8 of transcript AGAP006772-PA
JHU_Ag_45117	EEAAAEQLDDDGYWMEPTEEQQQQFRPNR	AGAP006772-PA	M15(Oxidation)	82	2.25E-08	1	3526.515	1.61	Head	2L:+:38106890-38106938,38107006-38107043	exon=> In CDS Exon 2 and 3 of transcript AGAP006772-PA
JHU_Ag_46401	GPEEPEMEDDYSR	AGAP006772-PA	-	88	2.80E-09	1	1553.611	3.3	Head	2L:+:38108766-38108804	exon=> In CDS Exon 6 of transcript AGAP006772-PA
JHU_Ag_49143	DSVSDDQLK	AGAP006772-PA	-	37	0.002009108	2	1006.470	1.1	Head	2L:+:38108455-38108481	exon=> In CDS Exon 5 of transcript AGAP006772-PA
JHU_Ag_58709	NIEDLILDQTVK	AGAP006772-PA	-	97	2.37E-09	2	1400.766	2.11	Head	2L:+:38108223-38108258	exon=> In CDS Exon 4 of transcript AGAP006772-PA
JHU_Ag_62364	GVDVLSGDIYQELLPACGAHQLCYLCGVSPK	AGAP006772-PA	C17(Carbamidomethyl), C23(Carbamidomethyl), C26(Carbamidomethyl)	56	3.46E-05	1	3419.654	2.97	Head	2L:+:38108945-38109022,38109094-38109108	exon=> In CDS Exon 7 and 8 of transcript AGAP006772-PA
JHU_Ag_63125	GLVVESTECPLLDAFER	AGAP006772-PA	C9(Carbamidomethyl)	106	4.61E-10	1	1934.952	-0.37	Midgut	2L:+:38108805-38108817,38108898-38108935	exon=> In CDS Exon 6 and 7 of transcript AGAP006772-PA
JHU_Ag_67851	AYPHPDLSEDFLK	AGAP006772-PA	-	87	3.49E-08	1	1531.745	1.63	Head	2L:+:38107278-38107316	exon=> In CDS Exon 4 of transcript AGAP006772-PA
JHU_Ag_68144	NIEDLILDQTVK	AGAP006772-PA	-	66	2.46E-06	2	1400.760	-2.07	Midgut	2L:+:38108223-38108258	exon=> In CDS Exon 4 of transcript AGAP006772-PA
JHU_Ag_69918	GLVVESTECPLLDAFER	AGAP006772-PA	C9(Carbamidomethyl)	110	1.78E-10	1	1934.956	1.4	Head	2L:+:38108805-38108817,38108898-38108935	exon=> In CDS Exon 6 and 7 of transcript AGAP006772-PA
JHU_Ag_72565	SVLMILR	AGAP006772-PA	-	40	0.000331496	2	831.511	-1.16	Head	2L:+:38109184-38109204	exon=> In CDS Exon 8 of transcript AGAP006772-PA
JHU_Ag_77525	GLVVESTECPLLDAFER	AGAP006772-PA	C9(Carbamidomethyl)	93	8.22E-09	2	1934.955	1.27	Visceras	2L:+:38108805-38108817,38108898-38108935	exon=> In CDS Exon 6 and 7 of transcript AGAP006772-PA
JHU_Ag_108203	SPKPDAAPTGTDEK	AGAP006772-PA	-	65	4.11E-06	1	1413.689	2	Head	2L:+:38107596-38107637	exon=> In CDS Exon 4 of transcript AGAP006772-PA
JHU_Ag_109303	LNEVEPEHPR	AGAP006772-PA	-	51	0.000142294	1	1219.608	1.49	Head	2L:+:38108482-38108511	exon=> In CDS Exon 5 of transcript AGAP006772-PA
JHU_Ag_23734	GPSNEALYGASETSDPK	AGAP006773-PA	-	58	1.78E-05	1	1722.778	-2.05	Midgut	2L:+:38112255-38112305	exon=> In CDS Exon 4 of transcript AGAP006773-PA

JHU_Ag_48153	DRFWGSLRPFSLSLVDR	AGAP006773-PA	-	69	1.22E-06	1	2051.086	1.71	Midgut	2L:+:38112306-38112356	exon=> In CDS Exon 4 of transcript AGAP006773-PA
JHU_Ag_68111	GPSNEALYGASETSDPKDR	AGAP006773-PA	-	106	3.17E-10	1	1993.906	-1.78	Midgut	2L:+:38112255-38112311	exon=> In CDS Exon 4 of transcript AGAP006773-PA
JHU_Ag_70276	IPIPFLNALR	AGAP006773-PA	-	49	2.38E-05	2	1153.709	-0.61	Midgut	2L:+:38112543-38112572	exon=> In CDS Exon 4 of transcript AGAP006773-PA
JHU_Ag_6057	NQNECELLEDIR	AGAP006774-PA	C5(Carbamidomethyl)	88	1.79E-08	1	1532.706	3	Head	2L:-:38122192-38122157	exon=> In CDS Exon 2 of transcript AGAP006774-PA
JHU_Ag_7796	VADYLALIGR	AGAP006774-PA	-	86	2.42E-08	2	1090.624	-1.38	Visceras	2L:-:38120310-38120281	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_9170	TDPNDQNGPDLETK	AGAP006774-PA	-	101	7.17E-10	1	1543.690	2.16	Head	2L:-:38119962-38119921	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_11332	GSFFQSITSLQK	AGAP006774-PA	-	84	5.13E-08	1	1342.702	1.22	Head	2L:-:38120514-38120479	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_16951	VADYLALIGR	AGAP006774-PA	-	78	1.28E-07	2	1090.627	1.2	Head	2L:-:38120310-38120281	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_38971	ITADHESAADTLSR	AGAP006774-PA	-	91	1.03E-08	1	1486.716	1.82	Head	2L:-:38120109-38120068	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_41431	IEEFRENIR	AGAP006774-PA	-	44	0.000671187	2	1205.629	1.11	Head	2L:-:38119920-38119894	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_45766	LAAVEVFQQQIADEAK	AGAP006774-PA	-	131	1.00E-12	1	1759.928	3.02	Head	2L:-:38120751-38120704	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_46441	IRDQAQQLTR	AGAP006774-PA	-	61	9.41E-06	1	1228.669	-5.67	Head	2L:-:38120235-38120206	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_50485	EYNLQCCYLYYPVLK	AGAP006774-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	95	3.87E-09	1	2025.951	3.05	Head	2L:-:38120205-38120161	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_54397	NLHTEQLAK	AGAP006774-PA	-	46	0.000212962	2	1053.564	-4.98	Head	2L:-:38122231-38122205	exon=> In CDS Exon 2 of transcript AGAP006774-PA
JHU_Ag_55730	EAGHRTDPNDQNGPDLETK	AGAP006774-PA	-	47	0.000281978	3	2093.953	2.17	Head	2L:-:38119977-38119921	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_58075	GEEGFVPHNYLDVER	AGAP006774-PA	-	45	0.000452606	2	1760.826	1.03	Head	2L:-:38119135-38119091	exon=> In CDS Exon 4 of transcript AGAP006774-PA
JHU_Ag_59187	TELLTCSATQNSFGK	AGAP006774-PA	C6(Carbamidomethyl)	71	1.19E-06	2	1656.793	1.71	Head	2L:-:38120280-38120236	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_59532	IYFDEEHSAHDVR	AGAP006774-PA	-	92	7.20E-09	1	1617.733	2.21	Head	2L:-:38120595-38120557	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_72431	NDYILSLAAANAHQNR	AGAP006774-PA	-	114	5.29E-11	1	1770.893	2.9	Head	2L:-:38120418-38120371	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_85495	ELQNSVTDVDK	AGAP006774-PA	-	67	3.47E-06	1	1247.611	-0.05	Head	2L:-:38120637-38120605	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_92637	RCIENLAVVQK	AGAP006774-PA	C2(Carbamidomethyl)	60	1.26E-05	2	1329.731	0.07	Head	2L:-:38120670-38120638	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_103753	QHIQYEFEPCDNDQVR	AGAP006774-PA	C10(Carbamidomethyl)	41	0.000626948	3	2077.908	2.06	Head	2L:-:38120160-38120113	exon=> In CDS Exon 3 of transcript AGAP006774-PA
JHU_Ag_94396	ALMYELASR	AGAP006775-PA	M3(Oxidation)	46	0.000292438	2	1069.538	3.43	Larva	2L:+:38127062-38127088	exon=> In CDS Exon 2 of transcript AGAP006775-PA
JHU_Ag_36474	YIRITK	AGAP006776-PA	-	33	0.001143057	2	793.483	-13.21	Pupa	2L:-:38147245-38147228	exon=> In CDS Exon 3 of transcript AGAP006776-PA
JHU_Ag_38602	TDTADAAVEK	AGAP006776-PA	-	40	0.001907441	2	1020.500	14.92	Salivary gland	2L:-:38141547-38141518	exon=> In CDS Exon 6 of transcript AGAP006776-PA
JHU_Ag_2562	FGDLVGSIDEGTSSAR	AGAP006778-PA	-	84	5.76E-08	1	1610.764	-0.88	Malpighian tubule	2L:-:38168622-38168575	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_3754	FFDVPLEILPTIR	AGAP006778-PA	-	59	5.33E-06	1	1559.882	-1.05	Malpighian tubule	2L:-:38167971-38167933	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_25627	DILDAMNNDSGTPLQK	AGAP006778-PA	M6(Oxidation)	111	1.14E-10	1	1747.815	-0.82	Midgut	2L:-:38167419-38167372	exon=> In CDS Exon 1 of transcript AGAP006778-PA

JHU_Ag_28555	AALEAVCFQVR	AGAP006778-PA	C7(Carbamidomethyl)	48	0.000277795	2	1263.654	2.07	Midgut	2L:-:38167452-38167420	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_40314	TMLMNIETLK	AGAP006778-PA	M2(Oxidation), M4(Oxidation)	37	0.002780293	2	1225.614	-2.29	Malpighian tubule	2L:-:38168022-38167993	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_47600	AETAEVVCFHQK	AGAP006778-PA	C8(Carbamidomethyl)	64	4.95E-06	2	1418.669	-3.32	Midgut	2L:-:38168559-38168524	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_52497	FVETTALGAAMVAGR	AGAP006778-PA	M11(Oxidation)	87	2.93E-08	2	1509.774	0.43	Midgut	2L:-:38167284-38168649,38166762-38166912	exon=> In CDS Exon 2 and 1 of transcript AGAP006778-PA
JHU_Ag_70329	GVICGITEDTQR	AGAP006778-PA	C4(Carbamidomethyl)	76	4.52E-07	2	1348.652	-0.7	Midgut	2L:-:38167503-38167468	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_76420	WDIENVSVESDSTVFKPQISENER	AGAP006778-PA	-	71	1.19E-06	3	2808.340	2.71	Visceras	2L:-:38166899-38166828	exon=> In CDS Exon 2 of transcript AGAP006778-PA
JHU_Ag_78000	FFDVPLEILPTIR	AGAP006778-PA	-	63	2.28E-06	1	1559.879	-2.45	Midgut	2L:-:38167971-38167933	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_79941	FGDLVGSIDEGTSSAR	AGAP006778-PA	-	63	7.47E-06	1	1610.764	-0.88	Visceras	2L:-:38168622-38168575	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_93807	SSSEVYGLIK	AGAP006778-PA	-	36	0.002372753	1	1082.572	-0.72	Malpighian tubule	2L:-:38167932-38167903	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_96371	TTGEPLYNAIVWQDMR	AGAP006778-PA	M15(Oxidation)	76	3.90E-07	1	1909.907	-2.07	Midgut	2L:-:38168337-38168290	exon=> In CDS Exon 1 of transcript AGAP006778-PA
JHU_Ag_109844	FVETTALGAAMVAGR	AGAP006778-PA	M11(Oxidation)	40	0.001284027	2	1509.778	2.93	Malpighian tubule	2L:-:38167284-38168649,38166762-38166912	exon=> In CDS Exon 2 and 1 of transcript AGAP006778-PA
JHU_Ag_426	VPAGNILGGLNK	AGAP006780-PA	-	28	0.005666338	2	1152.677	3.31	Larva	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_784	FWITNGPVADTYVIYAK	AGAP006780-PA	-	94	5.95E-09	1	1958.009	1.63	Midgut	2L:+:38173578-38173628	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_4287	IGEFQLLQGK	AGAP006780-PA	-	75	2.94E-07	2	1132.637	0.98	Head	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_4326	VPAGNILGGLNK	AGAP006780-PA	-	76	8.55E-08	1	1152.673	-0.5	Pupa	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_7681	IGEFQLLQGK	AGAP006780-PA	-	78	1.64E-07	2	1132.637	1.09	Visceras	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_7977	ALNKEYQ	AGAP006780-PA	-	45	0.000412432	2	865.445	4.12	Malpighian tubule	2L:+:38174244-38174264	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_8402	FWITNGPVADTYVIYAK	AGAP006780-PA	-	63	7.88E-06	2	1958.008	0.94	Head	2L:+:38173578-38173628	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_9132	LCSGEHIGALAMSEAGSGSDVVSMK	AGAP006780-PA	C2(Carbamidomethyl)	86	3.35E-08	1	2493.143	0.55	Salivary gland	2L:+:38173455-38173529	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_13923	IGEFQLLQGK	AGAP006780-PA	-	77	1.90E-07	2	1132.637	0.66	Malpighian tubule	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_15315	TDTSAKPQHGITAFIVER	AGAP006780-PA	-	100	1.17E-09	1	1971.031	1	Male reproductive organs	2L:+:38173629-38173682	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_15995	ATQVALDAIQILGGNGYINDYPTGR	AGAP006780-PA	-	51	9.55E-05	3	2620.350	5.23	Head	2L:+:38174097-38174171	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_17413	LVLAAGPVGLMQAACDVAFEYAHSR	AGAP006780-PA	M11(Oxidation), C15(Carbamidomethyl)	38	0.002456339	1	2662.315	1.24	Ovary	2L:+:38173848-38173922	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_17569	HGDYYVLNGSK	AGAP006780-PA	N8(Deamidated)	72	8.26E-07	2	1253.577	-2.4	Midgut	2L:+:38173545-38173577	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_21508	ELAPLAQEIDKQNEFK	AGAP006780-PA	-	38	0.002151809	1	1872.970	-0.3	Male reproductive organs	2L:+:38172976-38173022,38173223	exon=> In CDS Exon 2 and 3 of transcript AGAP006780-PA
JHU_Ag_22386	IGEFQLLQGK	AGAP006780-PA	-	73	5.35E-07	2	1132.634	-1.5	Salivary gland	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA

JHU_Ag_24057	ASGSVALSYGAHSNLCVNQIHR	AGAP006780-PA	C16(Carbamidomethyl)	95	5.69E-09	1	2341.146	-0.35	Malpighian tubule	2L:+:38173350-38173415	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_24191	VPAGNILGGLNK	AGAP006780-PA	-	72	2.32E-07	1	1152.672	-1.24	Ovary	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_24269	VPAGNILGGLNK	AGAP006780-PA	-	81	2.55E-08	2	1152.677	2.99	Malpighian tubule	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_25144	LYEIGAGTSEIR	AGAP006780-PA	-	78	2.42E-07	2	1308.684	3.1	Salivary gland	2L:+:38174190-38174225	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_25243	FWITNGPVADTYVIYAK	AGAP006780-PA	N5(Deamidated)	79	2.28E-07	2	1958.993	1.75	Pupa	2L:+:38173578-38173628	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_26713	GSPTGELIFEDAK	AGAP006780-PA	-	93	8.02E-09	1	1363.675	0.58	Salivary gland	2L:+:38173734-38173772	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_26921	QTVFNFAQK	AGAP006780-PA	-	44	0.000447423	2	1082.562	-1.06	Ovary	2L:+:38172949-38172975	exon=> In CDS Exon 2 of transcript AGAP006780-PA
JHU_Ag_27708	ATQVALDAIQILGGNGYINDYPTGR	AGAP006780-PA	-	143	5.57E-14	1	2620.336	-0.08	Salivary gland	2L:+:38174097-38174171	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_29245	VPAGNILGGLNK	AGAP006780-PA	-	67	6.37E-07	2	1152.674	-0.08	Midgut	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_31565	LVLAAGPVGLMQAACDVAFEYAHSR	AGAP006780-PA	M11(Oxidation), C15(Carbamidomethyl)	51	0.000114457	1	2662.310	-0.76	Malpighian tubule	2L:+:38173848-38173922	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_32712	LYEIGAGTSEIR	AGAP006780-PA	-	69	2.04E-06	2	1308.679	-0.44	Male reproductive organs	2L:+:38174190-38174225	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_34112	DCAGVILYCAEK	AGAP006780-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	41	0.00068254	2	1398.642	1.88	Midgut	2L:+:38174061-38174096	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_34234	DCAGVILYCAEK	AGAP006780-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	85	2.99E-08	1	1398.639	-0.12	Salivary gland	2L:+:38174061-38174096	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_34504	GSPTGELIFEDAKVPAGNILGGLNK	AGAP006780-PA	-	115	2.23E-11	1	2497.338	3.24	Pupa	2L:+:38173734-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_38234	ELAPLAQEIDKQNEFK	AGAP006780-PA	-	41	0.000893063	1	1872.978	3.98	Midgut	2L:+:38172976-38173022,38173223-38173223	exon=> In CDS Exon 2 and 3 of transcript AGAP006780-PA
JHU_Ag_38531	HGDYYVLNGSK	AGAP006780-PA	N8(Deamidated)	94	6.18E-09	1	1252.594	-1.52	Head	2L:+:38173545-38173577	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_40002	LYEIGAGTSEIRR	AGAP006780-PA	-	46	0.000271043	1	1464.780	-0.58	Malpighian tubule	2L:+:38174190-38174228	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_40062	ATQVALDAIQILGGNGYINDYPTGR	AGAP006780-PA	-	71	1.05E-06	3	2620.327	-3.64	Ovary	2L:+:38174097-38174171	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_40222	VPAGNILGGLNK	AGAP006780-PA	-	91	2.95E-09	1	1152.674	0.03	Male reproductive organs	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_40936	GSPTGELIFEDAK	AGAP006780-PA	-	93	8.44E-09	2	1363.675	0.49	Male reproductive organs	2L:+:38173734-38173772	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_45703	GSPTGELIFEDAK	AGAP006780-PA	-	87	3.36E-08	1	1363.675	0.4	Midgut	2L:+:38173734-38173772	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_46152	AYLYSVAR	AGAP006780-PA	-	54	3.54E-05	1	942.505	0.86	Malpighian tubule	2L:+:38174007-38174030	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_51952	GVYVLMSGLDLER	AGAP006780-PA	-	97	2.63E-09	2	1451.757	0.7	Pupa	2L:+:38173809-38173847	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_57110	GSPTGELIFEDAK	AGAP006780-PA	-	93	8.02E-09	1	1363.674	0.22	Ovary	2L:+:38173734-38173772	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_57679	VPAGNILGGLNK	AGAP006780-PA	-	77	7.10E-08	2	1152.675	1.3	Salivary gland	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_58180	GTAGFTQGPKLDK	AGAP006780-PA	-	54	5.45E-05	2	1319.698	2.05	Malpighian tubule	2L:+:38173683-38173721	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_58395	LYEIGAGTSEIR	AGAP006780-PA	-	70	1.50E-06	1	1308.679	0.02	Ovary	2L:+:38174190-38174225	exon=> In CDS Exon 3 of transcript AGAP006780-PA

JHU_Ag_58464	FWITNGPVADTYVIYAK	AGAP006780-PA	N5(Deamidated)	105	3.97E-10	1	1958.011	2.75	Malpighian tubule	2L:+:38173578-38173628	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_61158	GSPTGELIFEDAKVPAGNILGGLNK	AGAP006780-PA	-	113	3.42E-11	1	2497.335	2.15	Malpighian tubule	2L:+:38173734-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_61270	ELAPLAQEIDK	AGAP006780-PA	-	48	0.000130064	2	1226.663	0	Malpighian tubule	2L:+:38172976-38173008	exon=> In CDS Exon 2 of transcript AGAP006780-PA
JHU_Ag_62110	GSPTGELIFEDAKVPAGNILGGLNK	AGAP006780-PA	-	58	1.22E-05	1	2497.334	1.78	Male reproductive organs	2L:+:38173734-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_62722	ELAPLAQEIDK	AGAP006780-PA	-	30	0.007057671	2	1226.664	1	Head	2L:+:38172976-38173008	exon=> In CDS Exon 2 of transcript AGAP006780-PA
JHU_Ag_66612	DCAGVILYCAEK	AGAP006780-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	101	7.93E-10	2	1398.640	0.4	Male reproductive organs	2L:+:38174061-38174096	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_71219	IGEFQLLQGK	AGAP006780-PA	-	65	3.29E-06	2	1132.636	0.23	Midgut	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_77312	TDTSAKPQHGITAFIVER	AGAP006780-PA	-	128	1.69E-12	1	1971.031	0.53	Malpighian tubule	2L:+:38173629-38173682	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_77443	GSPTGELIFEDAK	AGAP006780-PA	-	97	3.63E-09	1	1363.676	1.48	Malpighian tubule	2L:+:38173734-38173772	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_80006	GSPTGELIFEDAK	AGAP006780-PA	-	89	2.11E-08	2	1363.676	1.12	Head	2L:+:38173734-38173772	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_84071	ATQVALDAIQILGGNGYINDYPTGR	AGAP006780-PA	-	168	1.84E-16	1	2620.330	-2.59	Malpighian tubule	2L:+:38174097-38174171	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_84364	ELAPLAQEIDKQNEFK	AGAP006780-PA	-	77	2.43E-07	1	1872.974	1.96	Head	2L:+:38172976-38173022,38173223-38173223	exon=> In CDS Exon 2 and 3 of transcript AGAP006780-PA
JHU_Ag_85069	HGDYYVLNGSK	AGAP006780-PA	-	60	1.55E-05	1	1252.595	-0.64	Malpighian tubule	2L:+:38173545-38173577	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_85761	DCAGVILYCAEK	AGAP006780-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	73	4.60E-07	1	1398.639	-0.3	Malpighian tubule	2L:+:38174061-38174096	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_86109	LYEIGAGTSEIR	AGAP006780-PA	-	83	7.22E-08	1	1308.681	1.52	Malpighian tubule	2L:+:38174190-38174225	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_87062	VPAGNILGGLNK	AGAP006780-PA	-	75	1.11E-07	2	1152.672	-1.14	Head	2L:+:38173773-38173808	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_87895	FWITNGPVADTYVIYAK	AGAP006780-PA	-	54	5.16E-05	2	1958.009	1.69	Male reproductive organs	2L:+:38173578-38173628	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_93642	IGEFQLLQGK	AGAP006780-PA	-	81	6.85E-08	2	1132.638	1.85	Pupa	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_93667	FWITNGPVADTYVIYAK	AGAP006780-PA	-	81	1.01E-07	1	1958.007	0.63	Salivary gland	2L:+:38173578-38173628	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_97281	LYEIGAGTSEIRR	AGAP006780-PA	-	38	0.00164204	1	1464.780	-0.27	Male reproductive organs	2L:+:38174190-38174228	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_99041	GTAGFTQGPK	AGAP006780-PA	-	42	0.001096411	1	963.489	0.02	Malpighian tubule	2L:+:38173683-38173712	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_101649	IGEFQLLQGK	AGAP006780-PA	-	48	0.000137662	2	1132.640	3.79	Larva	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_102284	ASGSVALSYGAHSNLCVNQIHR	AGAP006780-PA	C16(Carbamidomethyl)	142	1.13E-13	1	2341.148	0.67	Salivary gland	2L:+:38173350-38173415	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_102978	TDTSAKPQHGITAFIVER	AGAP006780-PA	-	128	1.71E-12	1	1971.029	-0.21	Midgut	2L:+:38173629-38173682	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_104061	LYEIGAGTSEIR	AGAP006780-PA	-	56	3.51E-05	2	1308.681	0.86	Head	2L:+:38174190-38174225	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_104496	TDTSAKPQHGITAFIVER	AGAP006780-PA	-	60	1.32E-05	1	1971.025	-2.25	Ovary	2L:+:38173629-38173682	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_105208	GVYVLMSGLDLER	AGAP006780-PA	M6(Oxidation)	83	6.18E-08	1	1451.761	3.39	Malpighian tubule	2L:+:38173809-38173847	exon=> In CDS Exon 3 of transcript AGAP006780-PA

JHU_Ag_106108	ELAPLAQEIDKQNEFK	AGAP006780-PA	-	41	0.001004931	1	1872.974	2.24	Malpighian tubule	2L:+:38172976-38173022,38173223-38173223	exon=> In CDS Exon 2 and 3 of transcript AGAP006780-PA
JHU_Ag_107415	GSPTGELIFEDAK	AGAP006780-PA	-	54	6.70E-05	1	1363.675	0.85	Pupa	2L:+:38173734-38173772	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_111004	FWITNGPVADTYVIYAK	AGAP006780-PA	-	68	2.40E-06	2	1958.009	1.57	Visceras	2L:+:38173578-38173628	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_112540	TDTSAKPQHGITAFIVER	AGAP006780-PA	-	114	4.28E-11	1	1971.030	0.25	Pupa	2L:+:38173629-38173682	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_112724	AYLYSVAR	AGAP006780-PA	-	42	0.000516044	1	942.504	-0.04	Ovary	2L:+:38174007-38174030	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_116241	ASGSVALSYGAHSNLCVNQIHR	AGAP006780-PA	C16(Carbamidomethyl)	119	2.14E-11	1	2341.151	1.76	Head	2L:+:38173350-38173415	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_116381	IGEFQLLQGK	AGAP006780-PA	-	65	3.30E-06	2	1132.636	0.12	Male reproductive organs	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_116801	IGEFQLLQGK	AGAP006780-PA	-	77	1.90E-07	2	1132.637	0.66	Ovary	2L:+:38173941-38173970	exon=> In CDS Exon 3 of transcript AGAP006780-PA
JHU_Ag_52969	QIELKK	AGAP006781-PA	-	44	0.000339459	2	758.488	14.24	Male reproductive organs	2L:-:38176609-38176592	exon=> In CDS Exon 2 of transcript AGAP006781-PA
JHU_Ag_63186	LQDQLR	AGAP006781-PA	-	39	0.001101551	2	772.431	-0.8	Ovary	2L:-:38176256-38176239	exon=> In CDS Exon 3 of transcript AGAP006781-PA
JHU_Ag_109447	LQDQLR	AGAP006781-PA	-	32	0.010689981	1	772.431	-0.17	Midgut	2L:-:38176256-38176239	exon=> In CDS Exon 3 of transcript AGAP006781-PA
JHU_Ag_509	VKLLLQVQAASK	AGAP006782-PA	-	97	1.60E-10	1	1297.825	3.27	Malpighian tubule	2L:-:38183969-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_604	QEGSGAFFKGAFSNVLR	AGAP006782-PA	-	62	1.03E-05	1	1814.924	3.12	Malpighian tubule	2L:-:38179138-38179088	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_2682	TVKSDGIIGLYR	AGAP006782-PA	-	25	0.012309752	1	1321.750	2.13	Midgut	2L:-:38182715-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_2853	KADPYGFAK	AGAP006782-PA	-	44	0.000459026	1	996.515	-0.18	Male reproductive organs	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_7744	EFNGLLDCLKK	AGAP006782-PA	N3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	63	9.05E-06	1	1337.678	0.65	Midgut	2L:-:38182748-38182716	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_7907	DFLAGGISAAVSKTAVAPIER	AGAP006782-PA	-	180	6.11E-18	1	2073.129	-2.43	Head	2L:-:38184032-38183970	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_9721	NTQFWR	AGAP006782-PA	-	43	0.000778063	2	851.417	0.99	Head	2L:-:38182889-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_9842	SDGIIGLYR	AGAP006782-PA	-	58	2.38E-05	2	993.537	0.32	Ovary	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_10176	QIAVDQQYK	AGAP006782-PA	-	46	0.000411943	1	1092.570	1.1	Pupa	2L:-:38183933-38183907	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_10220	EFNGLLDCLKK	AGAP006782-PA	C8(Carbamidomethyl)	54	5.42E-05	1	1336.696	2.58	Salivary gland	2L:-:38182748-38182716	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_10368	DFLAGGISAAVSK	AGAP006782-PA	-	107	2.49E-10	2	1235.663	0.03	Salivary gland	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_10731	ADPYGFAKDFLAGGISAAVSK	AGAP006782-PA	-	127	2.70E-12	1	2085.072	3.27	Malpighian tubule	2L:-:38184056-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_11884	ADPYGFAK	AGAP006782-PA	-	43	0.000447519	1	868.423	3.29	Head	2L:-:38184056-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_12782	EFNGLLDCLKK	AGAP006782-PA	N3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	57	2.34E-05	1	1336.697	2.67	Malpighian tubule	2L:-:38182748-38182716	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_13008	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	64	4.95E-06	1	965.487	-0.27	Male reproductive organs	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA

JHU_Ag_13797	QIAVDQQYKGIVDCFVR	AGAP006782-PA	C14(Carbamidomethyl)	87	2.39E-08	1	2039.039	0.35	Head	2L:-:38183933-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_14157	QIAVDQQYK	AGAP006782-PA	-	46	0.000420379	1	1092.568	-0.29	Head	2L:-:38183933-38183907	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_14402	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	56	3.57E-05	2	965.487	-0.39	Head	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_14444	LGADVGR	AGAP006782-PA	-	49	0.000104588	1	687.378	0.03	Head	2L:-:38182784-38182764	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_14829	TVKSDGIIGLYR	AGAP006782-PA	-	64	1.80E-06	1	1321.750	1.94	Male reproductive organs	2L:-:38182715-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_15429	GTGGALVLVFYDEVK	AGAP006782-PA	-	117	1.82E-11	1	1567.841	2.57	Head	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_15580	NTLDCWVK	AGAP006782-PA	C5(Carbamidomethyl)	41	0.00117549	1	1035.492	-1.29	Head	2L:-:38179171-38179148	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_17813	KADPYGFAK	AGAP006782-PA	-	41	0.000833369	1	996.515	0.05	Pupa	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_17949	GFNVSVQGIIIYR	AGAP006782-PA	-	103	3.11E-10	1	1465.818	1.32	Head	2L:-:38182679-38182641	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_18821	LLLQVQAASK	AGAP006782-PA	-	33	0.002805455	2	1070.657	-0.19	Visceras	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_19450	GFNVSVQGIIIYR	AGAP006782-PA	-	103	3.41E-10	1	1465.816	-0.26	Midgut	2L:-:38182679-38182641	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_19731	EFNGLLDCLK	AGAP006782-PA	N3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	73	7.15E-07	1	1209.586	3.14	Malpighian tubule	2L:-:38182748-38182719	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_20132	EQGIGAFWR	AGAP006782-PA	-	53	8.17E-05	1	1063.537	4.79	Larva	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_20784	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	87	1.75E-08	1	1250.552	0.97	Male reproductive organs	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_21699	QEGSGAFFK	AGAP006782-PA	-	41	0.000751651	2	970.462	-0.93	Visceras	2L:-:38179138-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_21803	LLLQVQAASK	AGAP006782-PA	-	60	5.32E-06	1	1070.656	-0.76	Pupa	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_22509	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	82	5.05E-08	1	1250.551	-0.01	Midgut	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_22531	YFPTQALNFAFKDVYK	AGAP006782-PA	-	111	1.10E-10	2	1951.996	0.42	Head	2L:-:38182964-38182917	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_22613	ADPYGFAKDFLAGGISAAVSK	AGAP006782-PA	-	108	2.43E-10	1	2085.070	2.24	Head	2L:-:38184056-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_25834	LLLQVQAASK	AGAP006782-PA	-	72	2.93E-07	1	1070.659	1.74	Head	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_26488	EQGIGAFWR	AGAP006782-PA	-	57	3.93E-05	2	1063.531	-0.79	Ovary	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_26908	QEGSGAFFK	AGAP006782-PA	-	48	0.000124972	2	970.463	-0.11	Ovary	2L:-:38179138-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_26978	TRLGADVGR	AGAP006782-PA	-	36	0.004833437	1	944.528	0.46	Malpighian tubule	2L:-:38182790-38182764	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_31100	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	68	1.28E-06	1	1250.557	4.87	Larva	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_31655	EQGIGAFWR	AGAP006782-PA	-	56	3.97E-05	2	1063.533	0.71	Pupa	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_31724	EQGIGAFWR	AGAP006782-PA	-	64	6.98E-06	2	1063.535	2.54	Visceras	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA

JHU_Ag_31942	NTLDCWVK	AGAP006782-PA	C5(Carbamidomethyl)	46	0.000308066	1	1035.494	0.95	Malpighian tubule	2L:-:38179171-38179148	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_33438	QEGSGAFFK	AGAP006782-PA	-	50	7.82E-05	1	970.459	-3.55	Malpighian tubule	2L:-:38179138-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_33613	KADPYGFAK	AGAP006782-PA	-	60	1.07E-05	2	996.516	1.03	Malpighian tubule	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_33744	EFNGLLDCLK	AGAP006782-PA	N3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	64	6.74E-06	1	1208.598	0.22	Male reproductive organs	2L:-:38182748-38182719	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_34574	IPKEQGIGAFWR	AGAP006782-PA	-	46	0.000300473	1	1401.764	-0.21	Midgut	2L:-:38183024-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_34861	EQGIGAFWRGNLANVIR	AGAP006782-PA	-	56	2.59E-05	1	1901.014	0	Head	2L:-:38183015-38182965	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_35382	NTQFWR	AGAP006782-PA	-	43	0.000738082	1	851.417	1.85	Malpighian tubule	2L:-:38182889-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_35385	DFLAGGISAAVSK	AGAP006782-PA	-	127	2.06E-12	2	1235.665	1.21	Head	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_37261	QEGSGAFFK	AGAP006782-PA	-	49	0.000105684	2	970.463	0.33	Pupa	2L:-:38179138-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_38280	KADPYGFAK	AGAP006782-PA	-	37	0.002292482	1	996.514	-0.68	Midgut	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_38685	NTLDCWVK	AGAP006782-PA	C5(Carbamidomethyl)	53	6.87E-05	1	1035.493	0.13	Male reproductive organs	2L:-:38179171-38179148	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_39174	KADPYGFAK	AGAP006782-PA	-	50	0.000107384	2	996.515	0.3	Ovary	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_39411	NTQFWR	AGAP006782-PA	-	43	0.000766868	2	851.416	0.27	Male reproductive organs	2L:-:38182889-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_39837	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	86	1.90E-08	1	1250.553	1.55	Head	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_39905	NTQFWR	AGAP006782-PA	-	43	0.000748065	1	851.418	2.78	Salivary gland	2L:-:38182889-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_40141	LGADVGR	AGAP006782-PA	-	47	0.000372752	1	687.380	2.42	Male reproductive organs	2L:-:38182784-38182764	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_41157	ADPYGFAKDFLAGGISAAVSK	AGAP006782-PA	-	73	6.74E-07	1	2085.071	2.68	Larva	2L:-:38184056-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_42192	NTQFWR	AGAP006782-PA	-	43	0.000696178	1	851.415	-0.59	Pupa	2L:-:38182889-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_45654	QEGSGAFFK	AGAP006782-PA	-	52	4.94E-05	1	970.461	-1.73	Head	2L:-:38179138-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_45987	YFLGNLGSGGAAGATSLCFVYPLDFAR	AGAP006782-PA	C18(Carbamidomethyl)	166	3.04E-16	1	2824.383	2.36	Head	2L:-:38182871-38182791	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_45995	DFLAGGISAAVSK	AGAP006782-PA	-	104	4.13E-10	1	1235.669	4.67	Larva	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_47194	EQGIGAFWR	AGAP006782-PA	-	64	7.51E-06	2	1063.532	-0.21	Salivary gland	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_48094	SDGIIGLYR	AGAP006782-PA	-	56	3.06E-05	1	993.540	3.7	Larva	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_50760	EFNGLLDCLK	AGAP006782-PA	N3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	73	8.83E-07	1	1208.601	2.1	Head	2L:-:38182748-38182719	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_50783	EFNGLLDCLKK	AGAP006782-PA	C8(Carbamidomethyl)	44	0.000544056	2	1336.699	4.59	Ovary	2L:-:38182748-38182716	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_52575	GTGGALVLVFYDEVK	AGAP006782-PA	-	100	9.05E-10	1	1567.841	3.04	Malpighian tubule	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_52754	DFLAGGISAAVSK	AGAP006782-PA	-	99	1.52E-09	2	1235.663	0.03	Ovary	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA

JHU_Ag_53287	LLLQVQAASK	AGAP006782-PA	-	81	3.88E-08	1	1070.657	-0.19	Male reproductive organs	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_53420	QVFLGGVDKNTQFWR	AGAP006782-PA	-	123	5.87E-12	1	1794.930	0.8	Midgut	2L:-:38182916-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_53555	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	64	5.03E-06	1	965.490	2.45	Malpighian tubule	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_55409	QVFLGGVDKNTQFWR	AGAP006782-PA	-	82	7.07E-08	1	1794.926	-1.42	Male reproductive organs	2L:-:38182916-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_55555	QIAVDQQYK	AGAP006782-PA	-	40	0.001516483	1	1092.570	1.72	Malpighian tubule	2L:-:38183933-38183907	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_56772	YFPTQALNFAFKDVYK	AGAP006782-PA	-	115	4.50E-11	1	1951.990	-2.58	Midgut	2L:-:38182964-38182917	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_56861	EFNGLLDCLKK	AGAP006782-PA	C8(Carbamidomethyl)	54	5.45E-05	1	1336.697	2.67	Visceras	2L:-:38182748-38182716	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_58859	GFNVSVQGIIIYR	AGAP006782-PA	-	74	2.43E-07	1	1465.814	-1.35	Ovary	2L:-:38182679-38182641	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_60027	YFPTQALNFAFKDVYK	AGAP006782-PA	-	94	5.17E-09	1	1952.000	2.17	Malpighian tubule	2L:-:38182964-38182917	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_61473	QVFLGGVDKNTQFWR	AGAP006782-PA	-	45	0.000400985	1	1794.921	-4.43	Visceras	2L:-:38182916-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_62066	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	49	0.000177122	1	965.487	-0.46	Ovary	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_63275	VKLLLQVQAASK	AGAP006782-PA	-	93	4.45E-10	1	1297.820	-0.21	Head	2L:-:38183969-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_63522	QVFLGGVDKNTQFWR	AGAP006782-PA	-	66	2.76E-06	1	1794.947	10.39	Larva	2L:-:38182916-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_64334	SDGIIGLYR	AGAP006782-PA	-	55	4.59E-05	2	993.533	-3.61	Midgut	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_64461	SEVMYK	AGAP006782-PA	-	39	0.000861188	1	756.361	1.51	Malpighian tubule	2L:-:38179189-38179172	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_64779	QVFLGGVDKNTQFWR	AGAP006782-PA	-	73	5.64E-07	1	1794.931	1.44	Pupa	2L:-:38182916-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_65601	KADPYGFAK	AGAP006782-PA	-	44	0.00045797	2	996.516	0.66	Salivary gland	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_66009	GIVDCFVRIPK	AGAP006782-PA	C5(Carbamidomethyl)	61	8.32E-06	1	1303.721	1.49	Malpighian tubule	2L:-:38183906-38184068,38182551-38183016	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_67916	NTLDCWVK	AGAP006782-PA	C5(Carbamidomethyl)	50	0.000123577	2	1035.490	-2.7	Midgut	2L:-:38179171-38179148	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_68507	EQGIGAFWR	AGAP006782-PA	-	64	7.19E-06	2	1063.531	-1.24	Male reproductive organs	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_69342	YFLGNLGSGGAAGATSLCFVYPLDFAR	AGAP006782-PA	C18(Carbamidomethyl)	168	2.05E-16	1	2824.381	1.67	Malpighian tubule	2L:-:38182871-38182791	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_71459	LLLQVQAASK	AGAP006782-PA	-	77	9.47E-08	1	1070.661	4.02	Larva	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_71822	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	71	5.94E-07	1	1250.552	0.58	Salivary gland	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_72254	GFNVSVQGIIIYR	AGAP006782-PA	-	51	4.27E-05	2	1465.821	3.07	Pupa	2L:-:38182679-38182641	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_74000	TVKSDGIIGLYR	AGAP006782-PA	-	64	1.47E-06	1	1321.752	3.51	Malpighian tubule	2L:-:38182715-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_74857	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	79	1.13E-07	1	1250.553	1.75	Visceras	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA

JHU_Ag_74962	TRLGADVGR	AGAP006782-PA	-	33	0.007393803	2	944.527	-0.44	Head	2L:-:38182790-38182764	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_75018	SDGIIGLYR	AGAP006782-PA	-	57	2.36E-05	2	993.539	2.29	Pupa	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_75145	GTGGALVLVFYDEVK	AGAP006782-PA	-	101	6.93E-10	1	1567.837	0.47	Salivary gland	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_75444	YFPTQALNFAFKDVYK	AGAP006782-PA	-	42	0.000853807	1	1951.998	1.29	Salivary gland	2L:-:38182964-38182917	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_75838	GTGGALVLVFYDEVK	AGAP006782-PA	-	89	1.16E-08	2	1567.834	-1.71	Midgut	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_76069	GTGGALVLVFYDEVK	AGAP006782-PA	-	72	5.41E-07	2	1567.846	5.77	Visceras	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_76247	LLLQVQAASK	AGAP006782-PA	-	72	3.10E-07	1	1070.657	-0.31	Ovary	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_76974	EQGIGAFWRGNLANVIR	AGAP006782-PA	-	55	3.21E-05	1	1901.023	4.81	Malpighian tubule	2L:-:38183015-38182965	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_77614	SEVMYKNTLDCWVK	AGAP006782-PA	C11(Carbamidomethyl),"M4(Oxidation),C11(Carbamidomethyl)"	97	2.27E-09	1	1772.841	3.42	Malpighian tubule	2L:-:38179189-38179148	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_77888	EFNGLLDCLK	AGAP006782-PA	C8(Carbamidomethyl)	65	5.33E-06	1	1208.598	0.22	Ovary	2L:-:38182748-38182719	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_78311	LGADVGR	AGAP006782-PA	-	41	0.000723574	1	687.378	-0.51	Midgut	2L:-:38182784-38182764	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_79027	GTGGALVLVFYDEVK	AGAP006782-PA	-	96	2.01E-09	1	1567.843	4.21	Pupa	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_79148	EQGIGAFWR	AGAP006782-PA	-	65	6.74E-06	2	1063.532	-0.21	Head	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_79529	QVFLGGVDKNTQFWR	AGAP006782-PA	-	57	2.20E-05	1	1794.933	2.46	Malpighian tubule	2L:-:38182916-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_79812	GFNVSVQGIIIYR	AGAP006782-PA	-	80	6.13E-08	1	1465.820	2.23	Malpighian tubule	2L:-:38182679-38182641	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_81406	KADPYGFAK	AGAP006782-PA	-	63	5.58E-06	2	996.514	-1.17	Head	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_81425	DFLAGGISAAVSK	AGAP006782-PA	-	103	5.76E-10	2	1235.665	1.9	Visceras	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_81696	NTQFWR	AGAP006782-PA	-	43	0.000706526	1	851.417	1.71	Visceras	2L:-:38182889-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_82330	QVFLGGVDKNTQFWR	AGAP006782-PA	-	131	1.01E-12	1	1794.929	0.33	Head	2L:-:38182916-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_82845	DFLAGGISAAVSK	AGAP006782-PA	-	118	1.92E-11	2	1235.659	-3.23	Midgut	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_83020	DFLAGGISAAVSK	AGAP006782-PA	-	101	7.53E-10	1	1235.665	1.61	Pupa	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_83804	GAGEREFNGLLDCLK	AGAP006782-PA	C13(Carbamidomethyl)	60	1.40E-05	1	1678.825	1.74	Malpighian tubule	2L:-:38182763-38182719	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_83987	SDGIIGLYR	AGAP006782-PA	-	58	1.97E-05	2	993.536	-0.36	Visceras	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_84882	GTGGALVLVFYDEVKALLG	AGAP006782-PA	-	41	0.000335315	1	1922.071	4.11	Malpighian tubule	2L:-:38179087-38179031	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_85286	GTGGALVLVFYDEVK	AGAP006782-PA	-	97	1.93E-09	1	1567.838	0.86	Male reproductive organs	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_85350	GFNVSVQGIIIYR	AGAP006782-PA	-	103	3.43E-10	1	1465.816	-0.1	Salivary gland	2L:-:38182679-38182641	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_87388	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	76	2.29E-07	1	1250.554	1.94	Pupa	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA

JHU_Ag_87622	EQGIGAFWR	AGAP006782-PA	-	62	1.25E-05	2	1063.532	0.36	Midgut	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_87820	LLLQVQAASK	AGAP006782-PA	Q6(Deamidated)	77	1.01E-07	2	1070.655	-1.33	Midgut	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_87870	SDGIIGLYR	AGAP006782-PA	-	61	1.07E-05	2	993.538	1.92	Malpighian tubule	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_88358	DFLAGGISAAVSK	AGAP006782-PA	-	115	3.32E-11	1	1235.666	2	Malpighian tubule	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_88997	EFNGLLDCLK	AGAP006782-PA	C8(Carbamidomethyl)	45	0.000444759	2	1208.601	2.55	Salivary gland	2L:-:38182748-38182719	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_90650	EQGIGAFWR	AGAP006782-PA	-	64	7.15E-06	2	1063.534	1.51	Malpighian tubule	2L:-:38183015-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_91525	QIAVDQQYKGIVDCFVR	AGAP006782-PA	C14(Carbamidomethyl)	113	5.78E-11	1	2039.045	3.44	Malpighian tubule	2L:-:38183933-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_91559	NTLDCWVK	AGAP006782-PA	C5(Carbamidomethyl)	40	0.001378385	1	1035.493	0.6	Pupa	2L:-:38179171-38179148	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_92363	SDGIIGLYR	AGAP006782-PA	-	72	8.09E-07	2	993.538	1.49	Male reproductive organs	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_92487	SDGIIGLYR	AGAP006782-PA	-	60	1.20E-05	2	993.541	4.19	Head	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_93172	GTGGALVLVFYDEVK	AGAP006782-PA	-	93	4.41E-09	2	1567.841	3.04	Larva	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_93292	AKSEVMYK	AGAP006782-PA	M6(Oxidation)	43	0.000495049	1	971.486	-0.57	Male reproductive organs	2L:-:38179195-38179172	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_93632	YFPTQALNFAFKDVYK	AGAP006782-PA	-	127	2.41E-12	1	1951.999	1.8	Male reproductive organs	2L:-:38182964-38182917	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_93679	DFLAGGISAAVSK	AGAP006782-PA	-	111	8.64E-11	1	1235.663	-0.07	Male reproductive organs	2L:-:38184032-38183994	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_93853	ADPYGFAK	AGAP006782-PA	-	37	0.001592238	1	868.419	-0.93	Male reproductive organs	2L:-:38184056-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_94010	IAKQEGSGAFFK	AGAP006782-PA	-	50	0.000120803	1	1282.676	-2.54	Head	2L:-:38179147-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_95475	KADPYGFAK	AGAP006782-PA	-	55	3.74E-05	1	996.514	-0.93	Visceras	2L:-:38184059-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_95609	SDGIIGLYR	AGAP006782-PA	-	63	6.17E-06	1	993.538	2.04	Salivary gland	2L:-:38182706-38182680	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_95739	QEGSGAFFK	AGAP006782-PA	-	55	3.04E-05	1	970.462	-1.23	Midgut	2L:-:38179138-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_96295	VKLLLQVQAASK	AGAP006782-PA	-	73	4.26E-08	1	1297.820	-0.39	Salivary gland	2L:-:38183969-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_96990	LLLQVQAASK	AGAP006782-PA	-	88	8.65E-09	1	1070.659	1.63	Malpighian tubule	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_98294	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	49	0.000166959	1	965.489	1.44	Salivary gland	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_98701	YFLGNLGSGGAAGATSLCFVYPLDFAR	AGAP006782-PA	C18(Carbamidomethyl)	134	4.98E-13	1	2824.378	0.55	Midgut	2L:-:38182871-38182791	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_98767	IPKEQGIGAFWR	AGAP006782-PA	-	56	2.68E-05	1	1401.762	-1.55	Head	2L:-:38183024-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_98925	YFPTQALNFAFKDVYK	AGAP006782-PA	-	95	3.98E-09	2	1952.002	3.48	Pupa	2L:-:38182964-38182917	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_99264	AKSEVMYK	AGAP006782-PA	-	47	0.000171397	1	955.492	0.1	Malpighian tubule	2L:-:38179195-38179172	exon=> In CDS Exon 3 of transcript AGAP006782-PA

JHU_Ag_99934	NTSIFVSWAIAQVVTTASGIISYPFDTVR	AGAP006782-PA	-	120	6.11E-12	1	3143.648	2.14	Ovary	2L:-:38182586-38183047,38179028-38179223	exon=> In CDS Exon 3 and 2 of transcript AGAP006782-PA
JHU_Ag_102007	NTQFWR	AGAP006782-PA	-	42	0.000926234	2	851.415	-0.51	Midgut	2L:-:38182889-38182872	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_104652	ADPYGFAK	AGAP006782-PA	-	34	0.003411992	1	868.420	-0.35	Midgut	2L:-:38184056-38184033	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_107288	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	49	0.000184192	2	965.488	0.56	Pupa	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_107649	IPKEQGIGAFWR	AGAP006782-PA	-	88	1.73E-08	1	1401.769	3.41	Malpighian tubule	2L:-:38183024-38182989	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_108073	SEVMYK	AGAP006782-PA	M4(Oxidation)	32	0.001842183	1	772.353	-1.89	Head	2L:-:38179189-38179172	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_108113	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	63	6.17E-06	2	965.487	0.05	Visceras	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_109841	GTGGALVLVFYDEVK	AGAP006782-PA	-	108	1.31E-10	1	1567.835	-1.01	Ovary	2L:-:38179087-38179043	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_110385	IAKQEGSGAFFK	AGAP006782-PA	-	63	5.46E-06	1	1282.680	0.89	Male reproductive organs	2L:-:38179147-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_110593	NTSIFVSWAIAQVVTTASGIISYPFDTVR	AGAP006782-PA	-	98	1.02E-09	2	3143.642	0.11	Midgut	2L:-:38182586-38183047,38179028-38179223	exon=> In CDS Exon 3 and 2 of transcript AGAP006782-PA
JHU_Ag_110851	LGADVGR	AGAP006782-PA	-	42	0.001038532	1	687.380	2.33	Malpighian tubule	2L:-:38182784-38182764	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_111619	EFNGLLDCLKK	AGAP006782-PA	C8(Carbamidomethyl),"N3(Deamidated),C8(Carbamidomethyl)"	66	4.27E-06	1	1337.678	0.65	Head	2L:-:38182748-38182716	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_111663	GIVDCFVR	AGAP006782-PA	C5(Carbamidomethyl)	59	1.60E-05	2	965.487	-0.01	Midgut	2L:-:38183906-38184068,38182551-38183025	exon=> In CDS Exon 2 and 1 of transcript AGAP006782-PA
JHU_Ag_112504	QIAVDQQYK	AGAP006782-PA	-	45	0.000470588	1	1092.568	-0.18	Midgut	2L:-:38183933-38183907	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_112688	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	82	5.58E-08	1	1250.556	3.89	Malpighian tubule	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_113364	IAKQEGSGAFFK	AGAP006782-PA	-	63	5.47E-06	1	1282.683	3.27	Malpighian tubule	2L:-:38179147-38179112	exon=> In CDS Exon 3 of transcript AGAP006782-PA
JHU_Ag_114579	EFNGLLDCLKK	AGAP006782-PA	C8(Carbamidomethyl),"N3(Deamidated),C8(Carbamidomethyl)"	70	1.47E-06	1	1337.679	1.56	Male reproductive organs	2L:-:38182748-38182716	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_115070	AAYFGCFDTAK	AGAP006782-PA	C6(Carbamidomethyl)	68	1.35E-06	1	1250.550	-0.5	Ovary	2L:-:38182640-38182608	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_116017	LLLQVQAASK	AGAP006782-PA	-	81	3.84E-08	1	1070.655	-2.02	Salivary gland	2L:-:38183963-38183934	exon=> In CDS Exon 1 of transcript AGAP006782-PA
JHU_Ag_117251	EFNGLLDCLK	AGAP006782-PA	N3(Deamidated),C8(Carbamidomethyl),C8(Carbamidomethyl)	77	2.88E-07	1	1208.596	-1.53	Midgut	2L:-:38182748-38182719	exon=> In CDS Exon 2 of transcript AGAP006782-PA
JHU_Ag_311	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	58	1.64E-05	2	962.533	2.87	Larva	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_847	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	47	0.000125463	1	856.498	-1.98	Pupa	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_3045	MMMQSGR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	M3(Oxidation)	33	0.001453328	2	856.350	2.78	Malpighian tubule	2L:-:38179216-38179196;2R:-:20598275-20598255;2R:-:20598275-20598255;2R:-:20598275-20598255	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_7242	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	61	9.39E-06	2	962.532	1.47	Visceras	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_7380	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	43	0.000353372	1	856.488	-0.91	Pupa	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_11996	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	54	5.22E-05	1	863.475	1.78	Malpighian tubule	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_17738	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	44	0.00043958	2	962.530	-0.56	Salivary gland	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_18612	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	44	0.000433677	2	863.475	2.28	Ovary	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA

JHU_Ag_25917	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	42	0.000483317	2	856.489	-0.2	Midgut	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080:2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_29283	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	53	3.44E-05	2	856.500	0.23	Malpighian tubule	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_29833	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	51	6.06E-05	2	856.489	-0.05	Head	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_34916	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	42	0.000424942	2	856.491	2.58	Larva	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_35241	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	55	3.67E-05	1	962.531	0.54	Midgut	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_43807	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	N5(Deamidated)	66	4.00E-06	1	864.456	-1.83	Head	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_44948	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	42	0.000428874	2	856.490	1.94	Malpighian tubule	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_47678	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	88	2.78E-08	1	1446.746	3.18	Larva	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_48594	MMMQSGR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	M2(Oxidation),M3(Oxidation),"M2(Oxidation), M3(Oxidation)"	43	0.000130417	2	840.350	-2.49	Head	2L:-:38179216-38179196;2R:-:20598275-20598255;2R:-:20598275-20598255;2R:-:20598275-20598255	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_49127	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	66	3.21E-06	2	863.473	-0.41	Visceras	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_49753	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	66	3.31E-06	2	863.473	0.02	Midgut	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_50470	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	54	4.28E-05	1	962.532	1.3	Pupa	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_52352	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	58	1.92E-05	2	962.530	-0.75	Male reproductive organs	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_52789	YKQVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	81	6.45E-08	1	1253.689	-0.01	Visceras	2L:-:38182922-38182890;2R:-:20598890-20598858;2R:-:20598890-20598858;2R:-:20598890-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_54746	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	50	6.13E-05	2	856.499	-1.48	Midgut	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_54863	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	65	3.76E-06	2	863.473	-0.48	Male reproductive organs	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_55649	TAVAPIERVK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	55	1.42E-05	1	1083.653	1.14	Malpighian tubule	2L:-:38183993-38183964;2R:-:20599103-20599074;2R:-:20599103-20599074;2R:-:20599103-20599074	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_61707	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	N8(Deamidated)	104	6.09E-10	1	1446.745	2.51	Visceras	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_63245	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	53	4.92E-05	2	863.476	3.27	Larva	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_72952	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	N8(Deamidated)	98	2.97E-09	1	1446.746	3.1	Malpighian tubule	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_73570	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	48	0.000202869	2	962.530	-1	Malpighian tubule	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_73755	YKQVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	47	0.000160383	2	1253.691	1.55	Head	2L:-:38182922-38182890;2R:-:20598890-20598858;2R:-:20598890-20598858;2R:-:20598890-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_79547	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	42	0.000508431	2	856.489	-0.27	Ovary	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_79711	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	53	3.42E-05	2	856.501	0.73	Male reproductive organs	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_80589	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	66	3.36E-06	2	863.473	-0.55	Salivary gland	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_83811	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	55	4.65E-05	2	962.529	-1.95	Head	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_85381	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	62	4.37E-06	2	856.499	-1.05	Visceras	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_85784	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	41	0.000602881	2	856.489	-0.27	Salivary gland	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_88486	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	Q5(Deamidated),N8(Deamidated)	100	1.79E-09	1	1446.739	-1.63	Midgut	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_91885	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	51	6.45E-05	2	856.489	0.52	Visceras	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_91966	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	45	0.000198408	1	856.501	0.73	Larva	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_92250	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	93	7.73E-09	1	1446.740	-0.95	Ovary	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_93317	TAVAPIER	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	43	0.000350132	1	856.488	-0.7	Male reproductive organs	2L:-:38183993-38183970;2R:-:20599103-20599080;2R:-:20599103-20599080;2R:-:20599103-20599080	exon=> In CDS Exon 1 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_93676	QVFLGGVDK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	49	0.000142902	2	962.530	-0.17	Ovary	2L:-:38182916-38182890;2R:-:20598884-20598858;2R:-:20598884-20598858;2R:-:20598884-20598858	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_94958	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	102	1.14E-09	1	1446.744	1.66	Head	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_97362	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	32	0.003170999	2	856.502	2.16	Salivary gland	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_103480	GAFSNVLR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	54	5.37E-05	2	863.473	-0.41	Pupa	2L:-:38179111-38179088;2R:-:20598170-20598147;2R:-:20598170-20598147;2R:-:20598170-20598147	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_106227	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	N8(Deamidated)	95	5.19E-09	1	1446.748	4.7	Male reproductive organs	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_108315	GNLANVIR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	N5(Deamidated)	58	9.13E-06	2	856.498	-2.41	Head	2L:-:38182988-38182965;2R:-:20598956-20598933;2R:-:20598956-20598933;2R:-:20598956-20598933	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_108498	MMMQSGR	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	38	0.000436882	2	840.351	-1.47	Visceras	2L:-:38179216-38179196;2R:-:20598275-20598255;2R:-:20598275-20598255;2R:-:20598275-20598255	exon=> In CDS Exon 3 of transcript AGAP006782-PA;exon=> In CDS Exon 3 of transcript AGAP002358-PC;exon=> In CDS Exon 3 of transcript AGAP002358-PB;exon=> In CDS Exon 3 of transcript AGAP002358-PA
JHU_Ag_108645	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	Q5(Deamidated),N8(Deamidated)	92	1.02E-08	1	1446.746	3.27	Pupa	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA
JHU_Ag_113160	YFPTQALNFAFK	AGAP006782-PA,AGAP002358-PC,AGAP002358-PB,AGAP002358-PA	-	74	6.77E-07	1	1446.743	0.65	Salivary gland	2L:-:38182964-38182929;2R:-:20598932-20598897;2R:-:20598932-20598897;2R:-:20598932-20598897	exon=> In CDS Exon 2 of transcript AGAP006782-PA;exon=> In CDS Exon 1 of transcript AGAP002358-PC;exon=> In CDS Exon 1 of transcript AGAP002358-PB;exon=> In CDS Exon 1 of transcript AGAP002358-PA

JHU_Ag_1579	FFRPTEVDLLLGDASK	AGAP006783-PA	-	60	9.10E-06	1	1807.965	3.21	Midgut	2L:+:38187082-38187129	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_1612	RGENFVTR	AGAP006783-PA	-	37	0.003208316	1	978.513	1.04	Malpighian tubule	2L:+:38186755-38186778	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_8560	ISLGQQEYLELGNLDSK	AGAP006783-PA	-	76	3.33E-07	1	1906.987	5.84	Pupa	2L:+:38186803-38186853	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_18847	EFVEQAFRYIGR	AGAP006783-PA	Q5(Deamidated)	38	0.00226356	1	1515.747	-7.67	Midgut	2L:+:38186962-38186997	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_23999	IIAQVRPSEIYNLAAQSHVK	AGAP006783-PA	-	36	0.000705092	1	2237.254	6.21	Ovary	2L:+:38186401-38186460	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_26295	FFRPTEVDLLLGDASK	AGAP006783-PA	-	78	1.87E-07	1	1807.957	-0.99	Ovary	2L:+:38187082-38187129	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_26677	EFVEQAFRYIGR	AGAP006783-PA	Q5(Deamidated)	38	0.002507184	1	1515.748	-7.35	Pupa	2L:+:38186962-38186997	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_32244	MEGEAAVTNPVDRK	AGAP006783-PA	N-Term(Acetyl), M1(Oxidation)	77	2.93E-07	1	1574.745	-2.18	Male reproductive organs	2L:+:38186056-38186097	exon=> In CDS Exon 1 of transcript AGAP006783-PA
JHU_Ag_46995	MEGEAAVTNPVDRK	AGAP006783-PA	N-Term(Acetyl), M1(Oxidation)	70	1.53E-06	1	1574.751	2.08	Malpighian tubule	2L:+:38186056-38186097	exon=> In CDS Exon 1 of transcript AGAP006783-PA
JHU_Ag_55912	LHYGDMTDSSALVK	AGAP006783-PA	M6(Oxidation)	75	4.71E-07	1	1552.727	-2.51	Midgut	2L:+:38186359-38186400	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_60187	IIAQVRPSEIYNLAAQSHVK	AGAP006783-PA	-	30	0.003918033	1	2237.237	-1.21	Pupa	2L:+:38186401-38186460	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_63593	VAETPQNEK	AGAP006783-PA	-	41	0.00081647	1	1015.508	2.55	Malpighian tubule	2L:+:38186599-38186625	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_66827	MEGEAAVTNPVDRK	AGAP006783-PA	N-Term(Acetyl), M1(Oxidation)	72	9.60E-07	1	1574.747	-0.71	Midgut	2L:+:38186056-38186097	exon=> In CDS Exon 1 of transcript AGAP006783-PA
JHU_Ag_70171	VRINPK	AGAP006783-PA	N4(Deamidated)	31	0.003115019	1	727.445	-1.91	Head	2L:+:38187064-38187081	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_72543	IIAQVRPSEIYNLAAQSHVK	AGAP006783-PA	-	91	2.39E-09	1	2237.246	2.83	Head	2L:+:38186401-38186460	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_89722	FFRPTEVDLLLGDASK	AGAP006783-PA	-	36	0.00228368	3	1807.961	1.04	Pupa	2L:+:38187082-38187129	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_94097	FFRPTEVDLLLGDASK	AGAP006783-PA	-	60	9.40E-06	1	1807.962	1.85	Malpighian tubule	2L:+:38187082-38187129	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_101427	ISLGQQEYLELGNLDSK	AGAP006783-PA	-	110	1.65E-10	2	1906.967	-4.72	Midgut	2L:+:38186803-38186853	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_103786	FFRPTEVDLLLGDASK	AGAP006783-PA	-	43	0.00054076	1	1807.962	1.55	Male reproductive organs	2L:+:38187082-38187129	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_116719	FYQASTSELYGK	AGAP006783-PA	-	49	0.000193819	1	1393.667	2.4	Male reproductive organs	2L:+:38186563-38186598	exon=> In CDS Exon 2 of transcript AGAP006783-PA
JHU_Ag_69787	NALAVLR	AGAP006785-PA	N1(Deamidated)	36	0.00187107	2	757.456	-0.72	Head	2L:+:38190938-38190958	exon=> In CDS Exon 1 of transcript AGAP006785-PA
JHU_Ag_12333	NQSGEHPFVVTGPNHIVSTYAR	AGAP006788-PA	-	72	9.92E-07	1	2410.191	0.48	Male reproductive organs	2L:+:38279190-38279255	exon=> In CDS Exon 1 of transcript AGAP006788-PA
JHU_Ag_83580	VVSADVTCEVAAR	AGAP006788-PA	C8(Carbamidomethyl)	82	1.48E-07	2	1376.684	0.24	Male reproductive organs	2L:+:38279094-38279132	exon=> In CDS Exon 1 of transcript AGAP006788-PA
JHU_Ag_101334	LMDFQLAR	AGAP006788-PA	M2(Oxidation)	63	6.82E-06	1	1009.514	-0.05	Male reproductive organs	2L:+:38279049-38279072	exon=> In CDS Exon 1 of transcript AGAP006788-PA
JHU_Ag_10702	FLICNHGTPVVSK	AGAP006795-PA	C4(Carbamidomethyl)	82	7.49E-08	1	1471.773	0.15	Midgut	2L:-:38568474-38568436	exon=> In CDS Exon 2 of transcript AGAP006795-PA

JHU_Ag_41140	CPPQDDPEQPPVLLAHPTDCDK	AGAP006795-PA	C1(Carbamidomethyl), Q4(Deamidated), C20(Carbamidomethyl),"C 1(Carbamidomethyl), C20(Carbamidomethyl)"	95	3.02E-09	1	2529.141	1.02	Midgut	2L:-:38568540-38568475	exon=> In CDS Exon 2 of transcript AGAP006795-PA
JHU_Ag_108972	CPPQDDPEQPPVLLAHPTDCDKFLICN HGTPVVSK	AGAP006795-PA	C1(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl)	30	0.010950 312	1	3981.885	-2.06	Midgut	2L:-:38568540-38568436	exon=> In CDS Exon 2 of transcript AGAP006795-PA
JHU_Ag_111639	CPPGLLWNDSQK	AGAP006795-PA	C1(Carbamidomethyl),"C1 (Carbamidomethyl), N8(Deamidated)"	83	6.17E-08	1	1414.678	-0.54	Midgut	2L:-:38568435-38568400	exon=> In CDS Exon 2 of transcript AGAP006795-PA
JHU_Ag_34068	IDIRPILLR	AGAP006797-PA	-	29	0.000417 947	3	1108.722	1.41	Ovary	2L:-:38576602-38576576	exon=> In CDS Exon 2 of transcript AGAP006797-PA
JHU_Ag_100586	IDIRPILLR	AGAP006797-PA	-	19	0.004103 186	1	1108.722	1.41	Ovary	2L:-:38576602-38576576	exon=> In CDS Exon 2 of transcript AGAP006797-PA
JHU_Ag_110146	SSDYYR	AGAP006798-PA	-	42	0.000275 464	2	790.346	11.25	Head	2L:+:38579997-38580014	exon=> In CDS Exon 4 of transcript AGAP006798-PA
JHU_Ag_27218	VGDNVLYLAHR	AGAP006799-PA	-	63	5.70E-06	1	1256.675	0.36	Midgut	2L:-:38582210-38582178	exon=> In CDS Exon 3 of transcript AGAP006799-PA
JHU_Ag_46427	VGDNVLYLAHR	AGAP006799-PA	-	71	8.17E-07	1	1256.676	1.2	Ovary	2L:-:38582210-38582178	exon=> In CDS Exon 3 of transcript AGAP006799-PA
JHU_Ag_74226	VGDNVLYLAHR	AGAP006799-PA	-	59	1.46E-05	2	1256.674	-0.41	Head	2L:-:38582210-38582178	exon=> In CDS Exon 3 of transcript AGAP006799-PA
JHU_Ag_102750	LAEPEEKEDDLLDMAPFLR	AGAP006799-PA	M14(Oxidation)	59	1.67E-05	1	2247.090	2.3	Ovary	2L:-:38582090-38582034	exon=> In CDS Exon 3 of transcript AGAP006799-PA
JHU_Ag_18154	TFNPSAVPLPIR	AGAP006802-PA	-	44	0.000250 997	2	1311.740	-1.23	Midgut	2L:-:38669177-38669142	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_23627	IPNFLHLTPPVIK	AGAP006802-PA	-	32	0.000515 516	2	1488.896	1.29	Salivary gland	2L:-:38669075-38669037	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_32540	AHYPVTCVTSDYCHALPTIR	AGAP006802-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	50	0.000151 803	1	2361.120	3.48	Ovary	2L:-:38668964-38668905	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_52741	YDPDTDLLTIVTDR	AGAP006802-PA	-	86	4.66E-08	1	1636.804	-1.76	Ovary	2L:-:38668805-38668764	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_68340	YDPDTDLLTIVTDR	AGAP006802-PA	-	67	3.04E-06	1	1636.819	7.49	Midgut	2L:-:38668805-38668764	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_69637	IPNFLHLTPPVIK	AGAP006802-PA	-	59	1.22E-06	1	1488.894	0.27	Ovary	2L:-:38669075-38669037	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_78844	LFNEGENEYNIAK	AGAP006802-PA	-	56	3.63E-05	1	1540.732	2.67	Salivary gland	2L:-:38668526-38668488	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_111885	NAEATLNWGR	AGAP006802-PA	-	47	0.000244 981	2	1131.554	-0.5	Salivary gland	2L:-:38668616-38668587	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_117236	IPNFLHLTPPVIK	AGAP006802-PA	-	33	0.000463 706	1	1488.894	-0.1	Head	2L:-:38669075-38669037	exon=> In CDS Exon 3 of transcript AGAP006802-PA
JHU_Ag_8232	DSNLTRILK	AGAP006803-PA	N3(Deamidated)	51	7.48E-05	2	1060.605	4.52	Salivary gland	2L:-:38674254-38674228	exon=> In CDS Exon 2 of transcript AGAP006803-PA
JHU_Ag_6358	ITYEGKDYQLQELGQVVR	AGAP006804-PA	-	105	3.27E-10	1	2139.111	1.4	Ovary	2L:+:38673210-38673263	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_11484	SGMNLNPQQDGTTLFIPVPK	AGAP006804-PA	M3(Oxidation)	93	5.92E-09	1	2173.101	2.3	Midgut	2L:+:38673342-38673401	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_16713	DYQLQELGQVVR	AGAP006804-PA	-	80	1.40E-07	2	1447.760	4.17	Head	2L:+:38673228-38673263	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_17832	DYQLQELGQVVR	AGAP006804-PA	-	39	0.001823 273	2	1447.765	7.54	Midgut	2L:+:38673228-38673263	exon=> In CDS Exon 1 of transcript AGAP006804-PA

JHU_Ag_19430	TLVVNLVAFPQTIPVVLQAIQR	AGAP006804-PA	-	110	2.68E-12	1	2419.449	2.32	Ovary	2L:+:38673276-38673341	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_33183	STTGSIETLR	AGAP006804-PA	-	59	2.11E-05	2	1064.559	0.46	Visceras	2L:+:38673180-38673209	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_33975	VQINEEQLGGLIDLDGLR	AGAP006804-PA	-	121	6.85E-12	1	1982.049	-3.42	Midgut	2L:+:38673063-38673116	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_39555	SGMNLNPQQDGTTLFIPVPK	AGAP006804-PA	M3(Oxidation)	35	0.004330509	1	2173.106	4.88	Visceras	2L:+:38673342-38673401	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_73649	DYQLQELGQVVR	AGAP006804-PA	-	94	6.58E-09	2	1447.758	2.57	Visceras	2L:+:38673228-38673263	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_77846	VLFIK	AGAP006804-PA	-	31	0.001020229	1	619.420	3.44	Larva	2L:+:38673444-38673458	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_107854	SGMNLNPQQDGTTLFIPVPK	AGAP006804-PA	M3(Oxidation)	77	2.59E-07	2	2173.095	-0.29	Male reproductive organs	2L:+:38673342-38673401	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_109137	SGMNLNPQQDGTTLFIPVPK	AGAP006804-PA	M3(Oxidation)	82	8.70E-08	2	2173.105	4.21	Malpighian tubule	2L:+:38673342-38673401	exon=> In CDS Exon 1 of transcript AGAP006804-PA
JHU_Ag_98309	HGNETQLLR	AGAP006805-PA	-	40	0.001041927	1	1067.561	1.93	Malpighian tubule	2L:+:38676488-38676514	exon=> In CDS Exon 2 of transcript AGAP006805-PA
JHU_Ag_5512	HVLVVAEPEK	AGAP006807-PA	-	46	0.000163779	1	1120.630	-5.87	Head	2L:-:38680629-38680600	exon=> In CDS Exon 1 of transcript AGAP006807-PA
JHU_Ag_95902	HLAEMEPLGFGGPDKPSAQEDERPR	AGAP006807-PA	M5(Oxidation)	136	2.92E-13	1	2779.303	-2.77	Head	2L:-:38680428-38680354	exon=> In CDS Exon 1 of transcript AGAP006807-PA
JHU_Ag_13989	ASTASVGVFQESLPNEK	AGAP006808-PA	-	40	0.001821872	2	1763.881	0.03	Visceras	2L:-:38682378-38682328	exon=> In CDS Exon 3 of transcript AGAP006808-PA
JHU_Ag_32688	ASTASVGVFQESLPNEK	AGAP006808-PA	-	89	2.02E-08	1	1763.889	4.32	Malpighian tubule	2L:-:38682378-38682328	exon=> In CDS Exon 3 of transcript AGAP006808-PA
JHU_Ag_33361	ALEPTIDVGHMLVSDPNYYDEEQMKADR	AGAP006808-PA	M11(Oxidation), M24(Oxidation)	58	1.50E-05	1	3268.466	-3.43	Ovary	2L:-:38683134-38683209,38682493-38682970	exon=> In CDS Exon 2 and 1 of transcript AGAP006808-PA
JHU_Ag_78362	YVLDLTR	AGAP006808-PA	-	56	1.89E-05	1	879.494	0.4	Ovary	2L:-:38682963-38682943	exon=> In CDS Exon 2 of transcript AGAP006808-PA
JHU_Ag_84975	VFDPVLDK	AGAP006808-PA	-	41	0.001629888	1	932.507	-1.87	Ovary	2L:-:38682747-38682724	exon=> In CDS Exon 2 of transcript AGAP006808-PA
JHU_Ag_86782	ASTASVGVFQESLPNEK	AGAP006808-PA	-	69	1.97E-06	2	1763.888	4.18	Ovary	2L:-:38682378-38682328	exon=> In CDS Exon 3 of transcript AGAP006808-PA
JHU_Ag_98859	VFDPVLDKWVPTYGYQR	AGAP006808-PA	-	62	8.92E-06	1	2083.066	0.67	Ovary	2L:-:38682747-38682697	exon=> In CDS Exon 2 of transcript AGAP006808-PA
JHU_Ag_101007	VFDPVLDKWVPTYGYQR	AGAP006808-PA	-	35	0.004859306	1	2083.067	0.84	Visceras	2L:-:38682747-38682697	exon=> In CDS Exon 2 of transcript AGAP006808-PA
JHU_Ag_110048	LPPPKAPLPR	AGAP006808-PA	-	30	0.000757004	3	1085.684	0.91	Ovary	2L:-:38682867-38682838	exon=> In CDS Exon 2 of transcript AGAP006808-PA
JHU_Ag_112297	QLITASNIVK	AGAP006808-PA	-	40	0.000490462	1	1086.650	-1.69	Ovary	2L:-:38682495-38682979,38682149-38682379	exon=> In CDS Exon 3 and 2 of transcript AGAP006808-PA
JHU_Ag_114967	TGFVGPETASAK	AGAP006808-PA	-	57	4.02E-05	1	1164.590	-0.06	Ovary	2L:-:38682531-38682496	exon=> In CDS Exon 2 of transcript AGAP006808-PA
JHU_Ag_80966	ALFTFK	AGAP006809-PA	-	32	0.003254265	1	726.420	1.74	Male reproductive organs	2L:-:38688919-38688902	exon=> In CDS Exon 2 of transcript AGAP006809-PA
JHU_Ag_90122	DAAATNSSGNTPSSTAK	AGAP006810-PA	-	45	0.000346233	2	1579.725	3.19	Head	2L:+:38697423-38697473	exon=> In CDS Exon 3 of transcript AGAP006810-PA
JHU_Ag_16339	LKNELFVPFR	AGAP006814-PA	-	47	0.000127715	1	1262.729	2.81	Male reproductive organs	2L:-:38857091-38857062	exon=> In CDS Exon 2 of transcript AGAP006814-PA
JHU_Ag_14076	TLLVNPTDTIQK	AGAP006817-PA	-	47	0.000177752	2	1342.759	0.66	Midgut	2L:-:38865567-38865532	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_16986	NISQSVEGDYTYLR	AGAP006817-PA	-	65	4.43E-06	2	1644.793	4	Ovary	2L:-:38864754-38864713	exon=> In CDS Exon 4 of transcript AGAP006817-PA

JHU_Ag_20567	NYLHFGSIICALGAR	AGAP006817-PA	C10(Carbamidomethyl)	36	0.003871498	2	1691.877	4.99	Ovary	2L:-:38865642-38865598	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_21046	EPGEIAAPSSNLNTAFR	AGAP006817-PA	-	43	0.000687722	2	1773.886	5.06	Head	2L:-:38864601-38864551	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_26917	LSEVYDLGLEYAK	AGAP006817-PA	-	88	2.14E-08	2	1499.764	0.82	Ovary	2L:-:38865468-38865430	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_28764	EPGEIAAPSSNLNTAFR	AGAP006817-PA	-	52	9.04E-05	2	1773.883	3.75	Ovary	2L:-:38864601-38864551	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_29743	LSEVYDLGLEYAK	AGAP006817-PA	-	64	5.78E-06	2	1499.777	9.69	Malpighian tubule	2L:-:38865468-38865430	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_30211	STNTKEPGEIAAPSSNLNTAFR	AGAP006817-PA	-	117	3.26E-11	1	2305.144	0.88	Ovary	2L:-:38864616-38864551	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_30745	LTEGVEAALTDKK	AGAP006817-PA	-	69	1.46E-06	2	1374.748	0.48	Ovary	2L:-:38865783-38865745	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_40880	TLLVNPTDTIQK	AGAP006817-PA	Q11(Deamidated)	45	0.000290037	2	1342.758	0.2	Ovary	2L:-:38865567-38865532	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_44982	NISQSVEGDYTYLR	AGAP006817-PA	-	67	2.66E-06	2	1644.795	5.27	Head	2L:-:38864754-38864713	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_46965	DDDDEDEEEEEK	AGAP006817-PA	-	101	1.30E-11	1	1496.506	2.16	Head	2L:-:38865132-38865097	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_49862	YSEGIQSLNWAK	AGAP006817-PA	-	72	1.00E-06	1	1395.690	0.09	Ovary	2L:-:38863312-38863277	exon=> In CDS Exon 5 of transcript AGAP006817-PA
JHU_Ag_60366	TFGFATGLEFR	AGAP006817-PA	-	38	0.002406849	2	1245.632	4.87	Ovary	2L:-:38865393-38865361	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_61502	TLLVNPTDTIQK	AGAP006817-PA	-	47	0.00013064	2	1342.764	5.02	Head	2L:-:38865567-38865532	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_65180	HYNFLLNLEEELLK	AGAP006817-PA	-	92	7.04E-09	1	1774.943	3.34	Ovary	2L:-:38865531-38865490	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_87255	STNTKEPGEIAAPSSNLNTAFR	AGAP006817-PA	-	48	0.000208812	3	2305.152	4.54	Head	2L:-:38864616-38864551	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_92896	YSEGIQSLNWAK	AGAP006817-PA	-	59	1.88E-05	2	1395.696	4.03	Head	2L:-:38863312-38863277	exon=> In CDS Exon 5 of transcript AGAP006817-PA
JHU_Ag_93976	SNIALDKDCFFR	AGAP006817-PA	N-Term(Acetyl), C9(Carbamidomethyl)	87	2.64E-08	1	1527.731	3.36	Head	2L:-:38866694-38866659	exon=> In CDS Exon 1 of transcript AGAP006817-PA
JHU_Ag_103295	GDKVDILYNNIK	AGAP006817-PA	-	74	3.52E-07	1	1391.754	0.54	Ovary	2L:-:38864340-38864305	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_111898	DTEQTSEILGR	AGAP006817-PA	-	47	0.000303751	1	1248.608	0.82	Head	2L:-:38865096-38865064	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_112200	VQFHLR	AGAP006817-PA	-	33	0.002783365	2	799.462	5.22	Ovary	2L:-:38863878-38863861	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_113698	NESGMYPNPDATFVK	AGAP006817-PA	M5(Oxidation)	71	7.99E-07	2	1685.750	1.21	Ovary	2L:-:38864676-38864632	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_116072	INFFHPGATMGR	AGAP006817-PA	-	38	0.002518827	1	1347.663	0.21	Ovary	2L:-:38864712-38864677	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_116113	SNIALDKDCFFR	AGAP006817-PA	N-Term(Acetyl), C9(Carbamidomethyl)	87	2.54E-08	1	1527.727	0.89	Ovary	2L:-:38866694-38866659	exon=> In CDS Exon 1 of transcript AGAP006817-PA
JHU_Ag_117653	QQIEFDTPFRELGFPGAPFR	AGAP006817-PA	-	75	3.85E-07	1	2352.192	6.37	Malpighian tubule	2L:-:38864043-38863984	exon=> In CDS Exon 4 of transcript AGAP006817-PA
JHU_Ag_76337	LHQIK	AGAP006819-PA,AGAP009839-PA	-	31	0.002060952	1	638.401	3.24	Head	2L:+:38884009-38884023;3R:+:44087358-44087372	exon=> In CDS Exon 4 of transcript AGAP006819-PA;exon=> In CDS Exon 4 of transcript AGAP009839-PA
JHU_Ag_544	FGIPLGTSPALEDALWTGLTDSYCK	AGAP006821-PA	C24(Carbamidomethyl)	113	7.09E-11	2	2712.317	-2.02	Midgut	2L:+:38892275-38892322,38892393-38892419	exon=> In CDS Exon 2 and 3 of transcript AGAP006821-PA
JHU_Ag_622	TEITPFK	AGAP006821-PA	-	37	0.002006907	2	835.457	1.25	Visceras	2L:+:38892546-38892566	exon=> In CDS Exon 3 of transcript AGAP006821-PA

JHU_Ag_1023	GVFIVAAK	AGAP006821-PA	-	46	3.08E-05	1	804.497	-1.22	Male reproductive organs	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_1585	HVSLGCGIPIERPALGVNR	AGAP006821-PA	C6(Carbamidomethyl)	52	3.66E-05	1	2045.118	5.25	Midgut	2L:+:38892089-38892145	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_2020	ITGHLVHELKR	AGAP006821-PA	-	57	6.77E-06	1	1302.764	0.17	Ovary	2L:+:38893108-38893136,38893210-38893213	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_2514	GVFIVAAK	AGAP006821-PA	-	44	0.00010327	2	804.501	3.49	Salivary gland	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_3103	NTNATQLQTVAAK	AGAP006821-PA	-	98	2.41E-09	2	1359.722	-0.73	Midgut	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_3230	NTNATQLQTVAAK	AGAP006821-PA	-	119	1.98E-11	1	1359.721	-0.91	Head	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_3587	NGCVTAGTASGICDGAASVVVASEEALKK	AGAP006821-PA	N1(Deamidated), C3(Carbamidomethyl), C13(Carbamidomethyl),"C3(Carbamidomethyl), C13(Carbamidomethyl)"	129	2.03E-12	1	2822.367	0.2	Malpighian tubule	2L:+:38892669-38892698,38892781-38892837	exon=> In CDS Exon 3 and 4 of transcript AGAP006821-PA
JHU_Ag_3744	LPSLFK	AGAP006821-PA	-	31	0.00184386	2	704.435	0.46	Visceras	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_3881	LPSLFK	AGAP006821-PA	-	38	0.000390817	1	704.433	-0.99	Midgut	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_6406	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	115	3.74E-11	1	1876.007	1.82	Malpighian tubule	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_7365	AALDAAGLKPDQVDSVNIGQVLVLSSTDGAFLPR	AGAP006821-PA	-	133	1.85E-13	1	3437.834	1.95	Malpighian tubule	2L:+:38891987-38892088	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_8239	TAFGTFGGVFK	AGAP006821-PA	-	79	1.65E-07	1	1131.583	-0.07	Midgut	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_8250	RTAFGTFGGVFK	AGAP006821-PA	-	37	0.003098275	1	1287.688	2.84	Malpighian tubule	2L:+:38891912-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_9287	HVSLGCGIPIERPALGVNR	AGAP006821-PA	C6(Carbamidomethyl)	82	4.04E-08	1	2045.116	4.18	Ovary	2L:+:38892089-38892145	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_11210	GKEVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	111	1.01E-10	1	2580.307	0.54	Malpighian tubule	2L:+:38892579-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_11225	ANDEGVFKTEITPFK	AGAP006821-PA	-	111	1.06E-10	1	1695.867	4.98	Malpighian tubule	2L:+:38892522-38892566	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_13338	YNLTPLAR	AGAP006821-PA	-	43	0.000578619	2	947.534	2.97	Salivary gland	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_13874	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	117	3.18E-11	1	2395.195	2.34	Malpighian tubule	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_14670	NTNATQLQTVAAK	AGAP006821-PA	-	80	1.48E-07	2	1359.720	-2.26	Salivary gland	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_15116	ITGHLVHELK	AGAP006821-PA	-	54	1.96E-05	1	1146.666	2.54	Larva	2L:+:38893108-38893136,38893210-38893210	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_15760	TAFGTFGGVFK	AGAP006821-PA	-	51	0.000145832	2	1131.586	1.87	Visceras	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_16186	GKEVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	75	3.69E-07	1	2580.304	-0.42	Head	2L:+:38892579-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_16926	LCGSGFQAVVNGAQDILVGAAHVSLTGGVDNMSQTPYTLR	AGAP006821-PA	C2(Carbamidomethyl), M32(Oxidation)	88	1.48E-08	1	4120.019	-0.88	Ovary	2L:+:38892146-38892265	exon=> In CDS Exon 2 of transcript AGAP006821-PA

JHU_Ag_18916	YNLTPLAR	AGAP006821-PA	-	36	0.003623537	2	947.530	-1.28	Visceras	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_19001	TAFGTFGGVFK	AGAP006821-PA	-	37	0.003866095	1	1131.584	0.96	Pupa	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_19304	ITGHLVHELKR	AGAP006821-PA	-	58	4.19E-06	1	1302.765	0.45	Pupa	2L:+:38893108-38893136,38893210-38893213	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_19583	LVAYSTVGVPPEIMGIGPVPAIQNVLK	AGAP006821-PA	M14(Oxidation)	94	5.44E-10	1	2778.551	1.42	Malpighian tubule	2L:+:38892862-38892942	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_20241	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	114	3.69E-11	1	1876.013	5.04	Larva	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_21698	YNLTPLAR	AGAP006821-PA	-	35	0.003770715	2	947.531	0.08	Midgut	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_23742	LPSLFK	AGAP006821-PA	-	39	0.000284923	2	704.434	0.2	Malpighian tubule	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_24762	HVSLGCGIPIERPALGVNR	AGAP006821-PA	C6(Carbamidomethyl)	86	1.84E-08	1	2045.105	-1.37	Visceras	2L:+:38892089-38892145	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_25012	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	76	4.11E-07	1	1416.747	4.67	Larva	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_25486	HVSLGCGIPIERPALGVNR	AGAP006821-PA	C6(Carbamidomethyl)	97	1.51E-09	1	2045.113	2.66	Head	2L:+:38892089-38892145	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_25911	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	100	1.36E-09	1	2395.195	2.42	Visceras	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_26866	VDEFAYR	AGAP006821-PA	-	52	4.85E-05	2	899.426	0.45	Malpighian tubule	2L:+:38892480-38892500	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_27790	GKEVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	100	1.15E-09	1	2580.307	0.71	Visceras	2L:+:38892579-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_28450	ITGHLVHELKR	AGAP006821-PA	-	54	9.74E-06	1	1302.767	2.49	Visceras	2L:+:38893108-38893136,38893210-38893213	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_29148	YNLTPLAR	AGAP006821-PA	-	40	0.001060288	2	947.531	-0.25	Male reproductive organs	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_29648	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	74	6.41E-07	1	1416.741	0.11	Ovary	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_30065	TAFGTFGGVFKNTNATQLQTVAAK	AGAP006821-PA	-	162	5.45E-16	1	2472.296	3	Malpighian tubule	2L:+:38891915-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_30471	NTNATQLQTVAAK	AGAP006821-PA	N3(Deamidated)	109	2.06E-10	1	1359.722	-0.73	Pupa	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_30859	NTNATQLQTVAAK	AGAP006821-PA	N3(Deamidated)	119	1.96E-11	1	1359.724	1.06	Malpighian tubule	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_31802	TEITPFK	AGAP006821-PA	-	35	0.003416074	1	835.456	-0.48	Pupa	2L:+:38892546-38892566	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_32817	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	108	2.23E-10	1	2395.190	0.43	Male reproductive organs	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_32864	YNLTPLAR	AGAP006821-PA	-	37	0.001960576	1	947.532	0.78	Ovary	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_33033	ITGHLVHELK	AGAP006821-PA	-	66	1.46E-06	1	1146.663	-0.11	Visceras	2L:+:38893108-38893136,38893210-38893210	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_33704	GKEVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	71	9.75E-07	1	2580.308	0.93	Pupa	2L:+:38892579-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_34033	AALTKGVFIVAAK	AGAP006821-PA	N-Term(Acetyl)	82	7.63E-09	1	1330.814	3.21	Malpighian tubule	2L:+:38891173-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA

JHU_Ag_34379	ITGHLVHELK	AGAP006821-PA	-	68	8.86E-07	1	1146.664	0.96	Malpighian tubule	2L:+:38893108-38893136,38893210-38893210	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_34389	EKVDEFAYR	AGAP006821-PA	-	56	2.54E-05	1	1156.565	1.51	Malpighian tubule	2L:+:38892474-38892500	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_35044	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	109	1.52E-10	1	1400.748	1.88	Malpighian tubule	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_37283	NGCVTAGTASGICDGAASVVVASEEALKK	AGAP006821-PA	N1(Deamidated), C3(Carbamidomethyl), C13(Carbamidomethyl),"C3(Carbamidomethyl), C13(Carbamidomethyl)"	84	4.99E-08	1	2823.353	1.11	Ovary	2L:+:38892669-38892698,38892781-38892837	exon=> In CDS Exon 3 and 4 of transcript AGAP006821-PA
JHU_Ag_40196	YNLTPLAR	AGAP006821-PA	-	41	0.000904532	1	947.531	0.08	Pupa	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_42169	AALDAAGLKPDQVDSVNIGQVLVLSSTDGAFLPR	AGAP006821-PA	-	94	1.58E-09	1	3437.832	1.23	Salivary gland	2L:+:38891987-38892088	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_42875	LPSLFK	AGAP006821-PA	-	34	0.001181403	2	704.435	1.24	Ovary	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_44009	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	101	1.08E-09	1	1400.747	1.36	Salivary gland	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_44185	KANDEGVFK	AGAP006821-PA	-	52	0.000100739	1	1007.517	1.62	Malpighian tubule	2L:+:38892519-38892545	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_46753	AIGSACIGGGQGIALLLESV	AGAP006821-PA	C6(Carbamidomethyl)	69	1.22E-06	1	1886.010	2.27	Malpighian tubule	2L:+:38893229-38893288	exon=> In CDS Exon 5 of transcript AGAP006821-PA
JHU_Ag_46941	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	87	2.82E-08	1	1400.745	-0.65	Midgut	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_48744	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	98	1.86E-09	1	1876.003	-0.23	Pupa	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_48792	LPSLFK	AGAP006821-PA	-	38	0.000391496	1	704.435	0.65	Male reproductive organs	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_49241	LPSLFK	AGAP006821-PA	-	35	0.00087091	1	704.434	-0.82	Head	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_49267	TAFGTFGGVFK	AGAP006821-PA	-	58	2.58E-05	2	1131.584	0.14	Salivary gland	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_49393	GVFIVAAK	AGAP006821-PA	-	41	0.000231192	2	804.498	0	Pupa	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_51554	NGCVTAGTASGICDGAASVVVASEEALKK	AGAP006821-PA	N1(Deamidated), C3(Carbamidomethyl), C13(Carbamidomethyl),"C3(Carbamidomethyl), C13(Carbamidomethyl)"	119	1.64E-11	1	2822.369	0.98	Visceras	2L:+:38892669-38892698,38892781-38892837	exon=> In CDS Exon 3 and 4 of transcript AGAP006821-PA
JHU_Ag_51888	KYNLTPLAR	AGAP006821-PA	-	48	9.97E-05	1	1075.624	-1.35	Head	2L:+:38892835-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_53735	LPSLFK	AGAP006821-PA	-	38	0.000451828	2	704.434	-0.84	Salivary gland	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_53827	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	106	2.89E-10	1	1876.005	0.75	Ovary	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_54755	TAFGTFGGVFK	AGAP006821-PA	-	55	4.56E-05	1	1131.583	0.04	Ovary	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_55302	RTAFGTFGGVFK	AGAP006821-PA	-	36	0.004030584	1	1287.686	1.32	Male reproductive organs	2L:+:38891912-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA

JHU_Ag_57136	TEITPFK	AGAP006821-PA	-	40	0.000861952	1	835.455	-1.58	Head	2L:+:38892546-38892566	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_58619	TAFGTFGGVFK	AGAP006821-PA	-	79	2.14E-07	1	1131.586	2.19	Malpighian tubule	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_60668	GVFIVAAK	AGAP006821-PA	-	44	0.000100687	2	804.497	-0.53	Visceras	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_60860	TAFGTFGGVFK	AGAP006821-PA	-	56	4.91E-05	2	1131.585	1.55	Male reproductive organs	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_61157	ITGHLVHELK	AGAP006821-PA	-	71	4.90E-07	1	1146.662	-0.96	Head	2L:+:38893108-38893136,38893210-38893210	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_61777	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	96	3.62E-09	1	2395.188	-0.49	Midgut	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_62659	LVAYSTVGVPPEIMGIGPVPAIQNVLK	AGAP006821-PA	M14(Oxidation)	53	7.20E-06	1	2778.553	1.81	Ovary	2L:+:38892862-38892942	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_63620	GVFIVAAK	AGAP006821-PA	-	33	0.001023364	1	804.496	-2.72	Head	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_63646	KANDEGVFK	AGAP006821-PA	-	40	0.001940335	1	1007.516	0.77	Ovary	2L:+:38892519-38892545	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_64793	TAFGTFGGVFK	AGAP006821-PA	-	65	4.21E-06	1	1131.583	-0.18	Head	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_68113	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	70	1.28E-06	1	1400.749	2.49	Visceras	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_68173	ITGHLVHELKR	AGAP006821-PA	-	91	2.08E-09	1	1302.765	0.9	Malpighian tubule	2L:+:38893108-38893136,38893213-38893213	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_69036	TAFGTFGGVFK	AGAP006821-PA	-	41	0.001273072	2	1131.588	3.81	Larva	2L:+:38891915-38891947	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_69268	EKVDEFAYR	AGAP006821-PA	-	61	8.54E-06	2	1156.562	-1.02	Male reproductive organs	2L:+:38892474-38892500	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_70702	HVSLGCGIPIERPALGVNR	AGAP006821-PA	C6(Carbamidomethyl)	59	1.05E-05	1	2045.110	1.13	Salivary gland	2L:+:38892089-38892145	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_70883	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	105	4.53E-10	1	2395.188	-0.33	Salivary gland	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_71722	NTNATQLQTVAAK	AGAP006821-PA	-	110	1.48E-10	2	1359.727	3.04	Visceras	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_72324	NGCVTAGTASGICDGAASVVVASEEALKK	AGAP006821-PA	N1(Deamidated), C3(Carbamidomethyl), C13(Carbamidomethyl),"C3(Carbamidomethyl), C13(Carbamidomethyl)"	56	3.53E-05	1	2822.365	-0.51	Head	2L:+:38892669-38892698,38892781-38892837	exon=> In CDS Exon 3 and 4 of transcript AGAP006821-PA
JHU_Ag_73543	GVFIVAAK	AGAP006821-PA	-	38	0.000448718	1	804.498	-0.21	Midgut	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_74994	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	83	5.77E-08	1	1876.006	1.14	Male reproductive organs	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_76888	VDEFAYR	AGAP006821-PA	-	45	0.000222304	1	899.426	0.65	Ovary	2L:+:38892480-38892500	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_77204	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	115	4.93E-11	1	2395.191	0.81	Pupa	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_77301	HVSLGCGIPIERPALGVNR	AGAP006821-PA	C6(Carbamidomethyl)	88	1.19E-08	1	2045.111	1.67	Malpighian tubule	2L:+:38892089-38892145	exon=> In CDS Exon 2 of transcript AGAP006821-PA

JHU_Ag_77702	AIGSACIGGGQGIALLLESV	AGAP006821-PA	C6(Carbamidomethyl)	55	3.32E-05	2	1886.011	2.85	Visceras	2L:+:38893229-38893288	exon=> In CDS Exon 5 of transcript AGAP006821-PA
JHU_Ag_78507	NTNATQLQTVAAK	AGAP006821-PA	-	101	1.14E-09	1	1359.722	-0.55	Ovary	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_80876	VDEFAYRSQQLWK	AGAP006821-PA	-	55	4.56E-05	1	1669.840	3.78	Malpighian tubule	2L:+:38892480-38892518	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_81617	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	71	1.34E-06	1	1416.741	0.62	Male reproductive organs	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_82543	ITGHLVHELK	AGAP006821-PA	-	65	1.72E-06	1	1146.662	-0.75	Ovary	2L:+:38893108-38893136,38893210-38893210	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_82981	ITGHLVHELK	AGAP006821-PA	-	64	2.21E-06	1	1146.662	-0.64	Pupa	2L:+:38893108-38893136,38893210-38893210	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_83472	YNLTPLAR	AGAP006821-PA	-	40	0.001000905	1	947.533	2.01	Malpighian tubule	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_84855	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	95	5.22E-09	1	1416.742	1.05	Head	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_87008	ITGHLVHELK	AGAP006821-PA	-	66	1.53E-06	1	1146.663	-0.11	Midgut	2L:+:38893108-38893136,38893210-38893210	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_87371	LPSLFK	AGAP006821-PA	-	40	0.00025161	2	704.434	0.37	Pupa	2L:+:38892648-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_89177	NTNATQLQTVAAK	AGAP006821-PA	-	90	1.35E-08	2	1359.725	1.42	Male reproductive organs	2L:+:38891948-38891986	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_89784	EKVDEFAYR	AGAP006821-PA	-	47	0.000206124	2	1156.560	-2.71	Head	2L:+:38892474-38892500	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_90184	FGIPLGTSPALEDALWTGLTDSYCK	AGAP006821-PA	C24(Carbamidomethyl)	108	2.43E-10	1	2712.314	-3.13	Ovary	2L:+:38892275-38892322,38892393-38892419	exon=> In CDS Exon 2 and 3 of transcript AGAP006821-PA
JHU_Ag_91998	GKEVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	118	1.99E-11	1	2580.308	0.86	Midgut	2L:+:38892579-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_92594	VDEFAYR	AGAP006821-PA	-	38	0.001148404	2	899.425	-1.04	Pupa	2L:+:38892480-38892500	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_93010	HVSLGCGIPIERPALGVNR	AGAP006821-PA	C6(Carbamidomethyl)	57	1.32E-05	1	2045.112	2.12	Male reproductive organs	2L:+:38892089-38892145	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_95195	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	110	9.33E-11	1	1875.017	-1.59	Head	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_96510	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	100	1.65E-09	1	2395.187	-0.94	Ovary	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_96714	ANDEGVFK	AGAP006821-PA	-	50	0.000109897	2	879.421	0.05	Malpighian tubule	2L:+:38892522-38892545	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_96787	GVFIVAAK	AGAP006821-PA	-	37	0.000493144	1	804.499	1.44	Ovary	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_97315	KYNLTPLAR	AGAP006821-PA	-	46	0.000138636	1	1075.624	-2.03	Pupa	2L:+:38892835-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_98046	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated),N2(Deamidated)	106	2.86E-10	1	1876.002	-0.62	Midgut	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_100579	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	97	2.10E-09	1	1876.007	1.53	Salivary gland	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_102370	AALDAAGLKPDQVDSVNIGQVLVLSSTDGAFLPR	AGAP006821-PA	-	89	4.12E-09	1	3437.830	0.7	Ovary	2L:+:38891987-38892088	exon=> In CDS Exon 2 of transcript AGAP006821-PA
JHU_Ag_102392	GKEVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	102	6.78E-10	1	2580.310	1.68	Ovary	2L:+:38892579-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA

JHU_Ag_103113	GVFIVAAKR	AGAP006821-PA	-	52	8.49E-06	2	960.601	1.67	Malpighian tubule	2L:+:38891188-38891188,38891889-38891914	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_103739	ANDEGVFK	AGAP006821-PA	-	55	4.03E-05	2	879.420	-0.44	Ovary	2L:+:38892522-38892545	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_104614	KYNLTPLAR	AGAP006821-PA	-	53	3.12E-05	1	1075.626	-0.33	Malpighian tubule	2L:+:38892835-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_104730	ITGHLVHELKR	AGAP006821-PA	-	26	0.006504979	3	1302.765	0.52	Head	2L:+:38893108-38893136,38893210-38893213	exon=> In CDS Exon 4 and 5 of transcript AGAP006821-PA
JHU_Ag_106007	GKEVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	63	5.26E-06	1	2580.316	3.98	Male reproductive organs	2L:+:38892579-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_106805	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	-	98	2.24E-09	1	2395.197	3.49	Larva	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_107188	MDDIDLFEINEAFGVQTLACAGELGLDINK	AGAP006821-PA	M1(Oxidation), C20(Carbamidomethyl)	126	3.20E-12	1	3327.587	3.27	Malpighian tubule	2L:+:38892958-38893047	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_107532	EVDFAVDEHPRPQTTLEGLNK	AGAP006821-PA	N20(Deamidated)	119	1.89E-11	1	2395.192	1.27	Head	2L:+:38892585-38892647	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_109290	TEITPFKLK	AGAP006821-PA	-	36	0.001072044	1	1076.635	-0.45	Malpighian tubule	2L:+:38892546-38892572	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_110818	TEITPFK	AGAP006821-PA	-	43	0.000507911	1	835.459	3.59	Malpighian tubule	2L:+:38892546-38892566	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_110924	LPMALTAENLAEK	AGAP006821-PA	M3(Oxidation)	71	1.13E-06	1	1416.744	2.78	Pupa	2L:+:38892420-38892458	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_111135	EKVDEFAYR	AGAP006821-PA	-	60	1.01E-05	1	1156.564	0.46	Visceras	2L:+:38892474-38892500	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_114263	GVFIVAAK	AGAP006821-PA	-	34	0.000968218	1	804.501	3.66	Larva	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_114369	AIGSACIGGGQGIALLLESV	AGAP006821-PA	C6(Carbamidomethyl)	68	1.48E-06	1	1886.010	2.72	Ovary	2L:+:38893229-38893288	exon=> In CDS Exon 5 of transcript AGAP006821-PA
JHU_Ag_114744	FGIPLGTSPALEDALWTGLTDSYCK	AGAP006821-PA	C24(Carbamidomethyl)	80	1.55E-07	1	2712.321	-0.56	Malpighian tubule	2L:+:38892275-38892322,38892393-38892419	exon=> In CDS Exon 2 and 3 of transcript AGAP006821-PA
JHU_Ag_115178	EVDFAVDEHPRPQTTLEGLNKLPSLFK	AGAP006821-PA	-	54	3.03E-05	1	3080.601	-1.24	Head	2L:+:38892585-38892665	exon=> In CDS Exon 3 of transcript AGAP006821-PA
JHU_Ag_115852	YNLTPLAR	AGAP006821-PA	-	36	0.003768189	1	947.530	-1.21	Head	2L:+:38892838-38892861	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_116935	NGCVTAGTASGICDGAASVVVASEEALKK	AGAP006821-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	43	0.000803252	1	2822.368	0.66	Midgut	2L:+:38892669-38892698,38892781-38892837	exon=> In CDS Exon 3 and 4 of transcript AGAP006821-PA
JHU_Ag_117394	GVFIVAAK	AGAP006821-PA	-	52	1.76E-05	1	804.499	1.36	Malpighian tubule	2L:+:38891188-38891188,38891889-38891911	exon=> In CDS Exon 1 and 2 of transcript AGAP006821-PA
JHU_Ag_117586	LNLNGGAIALGHPLGASGSR	AGAP006821-PA	N4(Deamidated)	97	1.73E-09	1	1875.021	0.76	Visceras	2L:+:38893048-38893107	exon=> In CDS Exon 4 of transcript AGAP006821-PA
JHU_Ag_97286	NIAILK	AGAP006823-PA	-	40	0.000194187	1	671.444	-0.91	Male reproductive organs	2L:+:38917501-38917518	exon=> In CDS Exon 2 of transcript AGAP006823-PA
JHU_Ag_100027	NITLER	AGAP006823-PA,AGAP010055-PA	-	57	5.18E-05	2	745.422	1.92	Visceras	2L:+:38918284-38918301;3R:+:48466231-48466248	exon=> In CDS Exon 2 of transcript AGAP006823-PA;exon=> In CDS Exon 9 of transcript AGAP010055-PA
JHU_Ag_11413	KQVFVPTYNR	AGAP006824-PA	-	49	0.000131296	1	1251.687	1.97	Malpighian tubule	2L:-:38957950-38958058,38956463-38956584	exon=> In CDS Exon 3 and 2 of transcript AGAP006824-PA
JHU_Ag_39415	VTALPFYEQCQR	AGAP006824-PA	C10(Carbamidomethyl)	43	0.000783183	2	1511.730	-0.68	Visceras	2L:-:38958058-38958023	exon=> In CDS Exon 2 of transcript AGAP006824-PA

JHU_Ag_89796	LAVLNNR	AGAP006825-PA	N6(Deamidated)	37	0.002734507	1	800.466	3.9	Larva	2L:+:39014351-39014371	exon=> In CDS Exon 6 of transcript AGAP006825-PA
JHU_Ag_4013	HLIAQNSLSHQQLASYALYR	AGAP006827-PA	-	130	1.19E-12	1	2313.212	0.79	Ovary	2L:-:39038088-39038029	exon=> In CDS Exon 2 of transcript AGAP006827-PA
JHU_Ag_64360	ANADELVLK	AGAP006827-PA	-	40	0.001490005	2	972.535	-0.66	Ovary	2L:-:39038115-39038089	exon=> In CDS Exon 2 of transcript AGAP006827-PA
JHU_Ag_15857	HSGFNAVVHK	AGAP006828-PA	-	36	0.003303265	1	1095.565	-4.19	Head	2L:+:39052973-39053002	exon=> In CDS Exon 3 of transcript AGAP006828-PA
JHU_Ag_88200	YGVNDFHTGDVK	AGAP006828-PA	-	79	1.69E-07	1	1351.631	2.06	Head	2L:+:39052838-39052873	exon=> In CDS Exon 3 of transcript AGAP006828-PA
JHU_Ag_89319	TAPVSHHQGGHY	AGAP006828-PA	Q8(Deamidated)	73	5.17E-07	1	1290.594	-2.72	Head	2L:+:39053003-39053038	exon=> In CDS Exon 3 of transcript AGAP006828-PA
JHU_Ag_437	YSYNYGVHDSLTGDVK	AGAP006829-PA	-	126	2.71E-12	1	1817.837	1.64	Head	2L:+:39075654-39075701	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_9421	AAAPLAYYH	AGAP006829-PA	-	60	0.00001635	1	976.489	-0.2	Head	2L:+:39076155-39076181	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_14586	TVDYTADDVNGFNAVVSK	AGAP006829-PA	N13(Deamidated),N10(Deamidated)	147	2.79E-14	1	1914.902	-3.21	Head	2L:+:39075777-39075830	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_15070	SAPSVHAK	AGAP006829-PA	-	47	0.000137581	2	796.428	-4.38	Head	2L:+:39075831-39075854	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_36254	TVVAHAAPAVVAHAAPAVYASHAAPAVYASHAAPAVYASHAAPAVYAAPAVVAK	AGAP006829-PA	-	191	1.45E-19	1	5124.705	1.82	Head	2L:+:39075855-39076016	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_66007	TVVSHAAPAVYASHAAPAVYASHAAPAVYASHAYAPAHGTVEYHGK	AGAP006829-PA	-	146	1.66E-14	1	4626.306	7.78	Malpighian tubule	2L:+:39076017-39076154	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_68708	TVDYTADDVNGFNAVVSK	AGAP006829-PA	-	125	4.36E-12	2	1914.914	3.11	Malpighian tubule	2L:+:39075777-39075830	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_82777	TVVSHAAPAVYASHAAPAVYASHAAPAVYASHAYAPAHGTVEYHGK	AGAP006829-PA	-	167	1.62E-16	1	4626.276	1.29	Head	2L:+:39076017-39076154	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_84539	AAAPLAYYH	AGAP006829-PA	-	40	0.001947822	2	976.491	1.98	Malpighian tubule	2L:+:39076155-39076181	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_88923	YSYNYGVHDSLTGDVK	AGAP006829-PA	-	59	1.46E-05	1	1817.841	3.79	Malpighian tubule	2L:+:39075654-39075701	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_95827	TVDYTADDVNGFNAVVSK	AGAP006829-PA	-	106	3.44E-10	2	1914.902	-3.33	Midgut	2L:+:39075777-39075830	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_102689	TVDYTADDVNGFNAVVSK	AGAP006829-PA	-	96	3.31E-09	2	1914.910	1	Visceras	2L:+:39075777-39075830	exon=> In CDS Exon 3 of transcript AGAP006829-PA
JHU_Ag_57754	VVYAHEPLLHVAK	AGAP006830-PA	-	80	5.56E-08	1	1475.838	0.66	Head	2L:+:39090704-39090728,39093435-39093448	exon=> In CDS Exon 3 and 4 of transcript AGAP006830-PA
JHU_Ag_84578	AVHHVPAAPVVQK	AGAP006830-PA	-	27	0.007558937	3	1352.776	-2.71	Head	2L:+:39090665-39090703	exon=> In CDS Exon 3 of transcript AGAP006830-PA
JHU_Ag_107757	TAPLVHAHAPVVK	AGAP006830-PA	-	63	1.70E-06	1	1339.786	1.41	Head	2L:+:39090605-39090643	exon=> In CDS Exon 3 of transcript AGAP006830-PA
JHU_Ag_30973	GQYSLVEPDGSVR	AGAP006830-PA,AGAP006283-PB,AGAP006829-PA,AGAP006828-PA	Q2(Deamidated)	80	1.59E-07	2	1406.692	0.95	Head	2L:+:39088818-39088818,39090513-39090550;2L:-:29534883-29534845;2L:+:39075738-39075776;2L:+:39052910-39052948	exon=> In CDS Exon 2 and 3 of transcript AGAP006830-PA;exon=> In CDS Exon 3 of transcript AGAP006283-PB;exon=> In CDS Exon 3 of transcript AGAP006829-PA;exon=> In CDS Exon 3 of transcript AGAP006828-PA

JHU_Ag_72770	GQYSLVEPDGSVR	AGAP006830-PA,AGAP006283-PB,AGAP006829-PA,AGAP006828-PA	-	74	7.77E-07	2	1406.688	-2.43	Midgut	2L:+:39088818-39088818,39090513-39090550;2L:-:29534883-29534845;2L:+:39075738-39075776;2L:+:39052910-39052948	exon=> In CDS Exon 2 and 3 of transcript AGAP006830-PA;exon=> In CDS Exon 3 of transcript AGAP006283-PB;exon=> In CDS Exon 3 of transcript AGAP006829-PA;exon=> In CDS Exon 3 of transcript AGAP006828-PA
JHU_Ag_80357	GQYSLVEPDGSVR	AGAP006830-PA,AGAP006283-PB,AGAP006829-PA,AGAP006828-PA	-	71	1.54E-06	2	1406.693	1.21	Pupa	2L:+:39088818-39088818,39090513-39090550;2L:-:29534883-29534845;2L:+:39075738-39075776;2L:+:39052910-39052948	exon=> In CDS Exon 2 and 3 of transcript AGAP006830-PA;exon=> In CDS Exon 3 of transcript AGAP006283-PB;exon=> In CDS Exon 3 of transcript AGAP006829-PA;exon=> In CDS Exon 3 of transcript AGAP006828-PA
JHU_Ag_81511	DGDVVKGQYSLVEPDGSVR	AGAP006830-PA,AGAP006283-PB,AGAP006829-PA,AGAP006828-PA	-	126	4.08E-12	1	2020.002	1.79	Malpighian tubule	2L:+:39088800-39088818,39090513-39090550;2L:-:29534901-29534845;2L:+:39075720-39075776;2L:+:39052892-39052948	exon=> In CDS Exon 2 and 3 of transcript AGAP006830-PA;exon=> In CDS Exon 3 of transcript AGAP006283-PB;exon=> In CDS Exon 3 of transcript AGAP006829-PA;exon=> In CDS Exon 3 of transcript AGAP006828-PA
JHU_Ag_93002	DGDVVKGQYSLVEPDGSVR	AGAP006830-PA,AGAP006283-PB,AGAP006829-PA,AGAP006828-PA	-	150	2.00E-14	1	2019.999	0.15	Head	2L:+:39088800-39088818,39090513-39090550;2L:-:29534901-29534845;2L:+:39075720-39075776;2L:+:39052892-39052948	exon=> In CDS Exon 2 and 3 of transcript AGAP006830-PA;exon=> In CDS Exon 3 of transcript AGAP006283-PB;exon=> In CDS Exon 3 of transcript AGAP006829-PA;exon=> In CDS Exon 3 of transcript AGAP006828-PA
JHU_Ag_90607	EQILQTLDNLSER	AGAP006832-PA	-	77	3.37E-07	2	1558.811	2.18	Pupa	2L:+:39114147-39114185	exon=> In CDS Exon 2 of transcript AGAP006832-PA
JHU_Ag_8027	HGSHLYDNYQYGQYESGYAK	AGAP006839-PA	-	80	6.70E-08	1	2380.026	-0.26	Pupa	2L:+:39171470-39171529	exon=> In CDS Exon 2 of transcript AGAP006839-PA
JHU_Ag_9566	GAYTLDEADGTKR	AGAP006854-PA,AGAP006853-PA,AGAP006859-PA	-	57	3.28E-05	2	1396.672	1.03	Pupa	2L:-:39202939-39202901;2L:-:39201123-39201085;2L:+:39213115-39213153	exon=> In CDS Exon 1 of transcript AGAP006854-PA;exon=> In CDS Exon 1 of transcript AGAP006853-PA;exon=> In CDS Exon 2 of transcript AGAP006859-PA
JHU_Ag_27531	GQYTLDEADGTKR	AGAP006862-PA,AGAP006849-PA,AGAP006851-PA	-	74	6.01E-07	1	1453.691	-0.42	Pupa	2L:+:39217872-39217910;2L:+:39192336-39192374;2L:+:39196099-39196137	exon=> In CDS Exon 1 of transcript AGAP006862-PA;exon=> In CDS Exon 1 of transcript AGAP006849-PA;exon=> In CDS Exon 1 of transcript AGAP006851-PA
JHU_Ag_20210	GAYTLHEADGTER	AGAP006864-PA,AGAP006861-PA,AGAP006597-PA,AGAP006863-PA,AGAP006856-PA	-	52	6.89E-05	2	1419.651	0.51	Pupa	2L:+:39221916-39221954;2L:+:39215973-39216011;2L:-:34600557-34600519;2L:-:39219964-39219926;2L:-:39207297-39207259	exon=> In CDS Exon 2 of transcript AGAP006864-PA;exon=> In CDS Exon 1 of transcript AGAP006861-PA;exon=> In CDS Exon 2 of transcript AGAP006597-PA;exon=> In CDS Exon 2 of transcript AGAP006863-PA;exon=> In CDS Exon 1 of transcript AGAP006856-PA

JHU_Ag_2570	YASAPAVSSAYVSTPVVSK	AGAP006868-PA	-	119	1.39E-11	1	1883.971	-2.12	Head	2L:+:39274100-39274156	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_2923	AINSVSVTPGFSSYSVDGEVK	AGAP006868-PA	-	55	4.71E-05	2	2143.058	1.15	Head	2L:+:39272897-39272959	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_4376	TAYSGAYLAAPAVAK	AGAP006868-PA	-	86	2.81E-08	2	1453.771	1.34	Pupa	2L:+:39274157-39274201	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_5162	YVSTPAVSSYYATPAVSK	AGAP006868-PA	-	119	2.28E-11	1	1890.950	0.84	Pupa	2L:+:39273992-39274045	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_12409	VYSTPAVAAYSAVPAVSK	AGAP006868-PA	-	104	4.03E-10	2	1780.950	0.82	Head	2L:+:39274397-39274450	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_13361	VATYATPAYGYAASYAPAVK	AGAP006868-PA	-	50	0.000159562	2	2035.019	1	Pupa	2L:+:39273500-39273559	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_20674	YAAAAPALTTAYTAPATVVK	AGAP006868-PA	-	83	3.05E-08	1	1951.062	4.1	Pupa	2L:+:39274958-39275017	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_23771	VYSTPAVAAYSAVPAVSK	AGAP006868-PA	-	83	4.57E-08	1	1780.952	2.13	Pupa	2L:+:39274397-39274450	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_26223	YASAPAVSSAYVSTPVVSK	AGAP006868-PA	-	108	2.02E-10	1	1883.978	1.51	Pupa	2L:+:39274100-39274156	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_42995	TVVSAPAVASYYSAPAVTK	AGAP006868-PA	-	99	1.33E-09	1	1881.994	-0.68	Head	2L:+:39273788-39273844	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_44112	VASYTPAVGYAAYAPAAK	AGAP006868-PA	-	120	1.51E-11	1	1770.906	-0.14	Head	2L:+:39273647-39273700	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_50436	YSSAPAVSTAYVSAPTVTK	AGAP006868-PA	-	99	1.68E-09	1	1899.974	2.06	Pupa	2L:+:39273845-39273901	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_53426	VYSTPAVASYSAVPAVSK	AGAP006868-PA	-	86	2.63E-08	1	1796.946	1.68	Head	2L:+:39274451-39274504	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_61283	TAYSGAYLAAPAVAK	AGAP006868-PA	-	69	1.43E-06	2	1453.771	1.51	Head	2L:+:39274157-39274201	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_65670	TVEAAPAVTYTAK	AGAP006868-PA	-	46	0.000328739	1	1321.704	3.15	Head	2L:+:39273071-39273109	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_70902	TVAAPAVYAQPAVSK	AGAP006868-PA	-	61	6.88E-06	2	1472.814	2.08	Head	2L:+:39273188-39273232	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_75932	VATYATPAYGYAASYAPAVK	AGAP006868-PA	-	104	5.98E-10	1	2035.021	2.02	Head	2L:+:39273500-39273559	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_77029	VVSSPAYASYVSAPAVTK	AGAP006868-PA	-	37	0.002215051	1	1796.939	-2.06	Head	2L:+:39274046-39274099	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_79966	VVSSPAVAAYSTGPAYSSYSVAPAVSK	AGAP006868-PA	-	112	8.76E-11	2	2616.317	-0.89	Head	2L:+:39274316-39274396	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_80026	VYTSEAAPAYQVTK	AGAP006868-PA	-	73	7.15E-07	2	1527.771	1.18	Head	2L:+:39273233-39273274	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_82511	YVSAGPAVSYSAAPVAK	AGAP006868-PA	-	109	1.78E-10	1	1637.856	1.66	Head	2L:+:39273413-39273463	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_84237	YAAAAPALTTAYTAPATVVK	AGAP006868-PA	-	101	5.89E-10	2	1951.050	-1.79	Head	2L:+:39274958-39275017	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_85676	VYSTPAVASYSAVPAVSK	AGAP006868-PA	-	82	5.55E-08	2	1796.949	3.31	Pupa	2L:+:39274451-39274504	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_89631	YVSTPAVSSYYATPAVSK	AGAP006868-PA	-	119	2.04E-11	1	1890.951	1.29	Head	2L:+:39273992-39274045	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_92069	YAFEYGVNDPLTGDIK	AGAP006868-PA	-	112	8.29E-11	1	1801.868	2.2	Head	2L:+:39275170-39275217	exon=> In CDS Exon 3 of transcript AGAP006868-PA
JHU_Ag_100057	TVVSAPAVASYYSAPAVTK	AGAP006868-PA	-	113	4.45E-11	1	1882.001	2.88	Pupa	2L:+:39273788-39273844	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_101809	YAAAPAVSSYVATAPVVSK	AGAP006868-PA	-	117	1.72E-11	1	1851.990	2.5	Head	2L:+:39273356-39273412	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_108070	VAYAAPAASYASSYATTSK	AGAP006868-PA	-	39	0.001982284	2	1879.907	-0.13	Pupa	2L:+:39273701-39273757	exon=> In CDS Exon 2 of transcript AGAP006868-PA

JHU_Ag_109387	VVSSPAYASYVSAPAVTK	AGAP006868-PA	-	103	5.00E-10	2	1796.946	1.75	Pupa	2L:+:39274046-39274099	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_110336	VASYTPAVGYAAYAPAAK	AGAP006868-PA	-	88	2.09E-08	1	1770.908	0.76	Pupa	2L:+:39273647-39273700	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_112653	YLEHYEDNAR	AGAP006868-PA	-	61	7.44E-06	1	1309.575	-4.14	Head	2L:+:39275060-39275074,39275155-39275169	exon=> In CDS Exon 2 and 3 of transcript AGAP006868-PA
JHU_Ag_113051	GQYSLVEPDGNVR	AGAP006868-PA	-	35	0.006611 12	2	1433.703	0.99	Head	2L:+:39275254-39275292	exon=> In CDS Exon 3 of transcript AGAP006868-PA
JHU_Ag_114105	YSSAPAVSTAYVSAPTVTK	AGAP006868-PA	-	112	7.66E-11	1	1899.972	1.29	Head	2L:+:39273845-39273901	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_114789	VAYAAPAASYASSYATTSK	AGAP006868-PA	-	76	4.20E-07	2	1879.903	-2.21	Head	2L:+:39273701-39273757	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_115168	TYATAPAVASYVSTPTVTK	AGAP006868-PA	-	94	4.73E-09	2	1928.002	0.42	Head	2L:+:39273299-39273355	exon=> In CDS Exon 2 of transcript AGAP006868-PA
JHU_Ag_85964	GVWGAASVTDNMVCASEPGR	AGAP006869-PA	M12(Oxidation), C14(Carbamidomethyl)	84	4.09E-08	2	2079.930	3.54	Larva	2L:-:39278349-39278652,39278059-39278224	exon=> In CDS Exon 3 and 2 of transcript AGAP006869-PA
JHU_Ag_106944	IVGGFEANIADFPYQLSLR	AGAP006869-PA	-	95	2.99E-09	2	2110.111	6.53	Larva	2L:-:39278887-39278831	exon=> In CDS Exon 1 of transcript AGAP006869-PA
JHU_Ag_15640	VAAPSIR	AGAP006869-PA,AGAP012470-PA	-	33	0.002412 42	2	713.433	3.22	Larva	2L:-:39278109-39278089;UNKN:+:5014500-5014520	exon=> In CDS Exon 3 of transcript AGAP006869-PA;exon=> In CDS Exon 3 of transcript AGAP012470-PA
JHU_Ag_21	TDPNYPAGFMDVINIHK	AGAP006871-PA	M10(Oxidation)	47	0.000381 305	1	1947.934	3.59	Head	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_220	GWMLDK	AGAP006871-PA	M3(Oxidation)	41	0.001054 054	1	749.365	-0.42	Midgut	2L:-:39286619-39286602	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_841	LSNVFIIGK	AGAP006871-PA	-	57	5.09E-06	2	990.603	4.95	Male reproductive organs	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_1188	TGGTFAPRPSTGPHKLR	AGAP006871-PA	-	35	0.002968 236	1	1779.965	1.8	Malpighian tubule	2L:-:39286601-39286551	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_1913	TGGTFAPRPSTGPHK	AGAP006871-PA	-	65	3.91E-06	1	1510.781	3.39	Head	2L:-:39286601-39286557	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_2232	DTTGHVFATR	AGAP006871-PA	-	65	5.48E-06	2	1104.544	0.3	Midgut	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_2561	LIYDVK	AGAP006871-PA	-	38	0.000720 094	2	750.440	-0.02	Male reproductive organs	2L:-:39285724-39285707	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_3472	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	128	2.23E-12	1	2326.115	2.38	Malpighian tubule	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_4735	GWMLDK	AGAP006871-PA	M3(Oxidation)	39	0.001453 425	1	765.360	0.31	Malpighian tubule	2L:-:39286619-39286602	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_4998	VPFLLTHDGR	AGAP006871-PA	-	56	1.92E-05	2	1154.630	-1.55	Head	2L:-:39285619-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_5251	DTTGHVFATR	AGAP006871-PA	-	65	5.52E-06	1	1104.541	-1.91	Visceras	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_6427	TGEYFR	AGAP006871-PA	-	43	0.000228 765	2	772.361	-1.39	Visceras	2L:-:39285742-39285725	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_7961	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	Q13(Deamidated)	155	5.15E-15	1	2326.112	1.04	Ovary	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_8202	ESLPLVIFLR	AGAP006871-PA	-	73	1.18E-07	2	1186.717	-1.71	Midgut	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_8620	DTTGHVFATR	AGAP006871-PA	-	69	2.39E-06	1	1104.548	4.06	Ovary	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA

JHU_Ag_9217	LSNVFIIGK	AGAP006871-PA	-	65	1.07E-06	2	990.598	-0.1	Salivary gland	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_9990	EKHPGSFEIVHVK	AGAP006871-PA	-	40	0.001078654	1	1506.811	2.85	Malpighian tubule	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_10583	YALTNSEVTK	AGAP006871-PA	-	44	0.00040397	2	1125.579	0	Male reproductive organs	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_11022	LSNVFIIGK	AGAP006871-PA	-	62	1.59E-06	2	990.603	4.52	Larva	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_11145	VQIGPK	AGAP006871-PA	-	39	0.000192013	1	641.397	-1.51	Male reproductive organs	2L:-:39285640-39285623	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_13732	RVPFLLTHDGR	AGAP006871-PA	-	46	0.000168399	1	1310.737	3.2	Head	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_14573	LTIAEER	AGAP006871-PA	-	46	0.000468781	2	831.458	1	Malpighian tubule	2L:-:39285289-39285269	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_14808	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	95	5.00E-09	1	2326.102	-3.21	Midgut	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_15326	AYISLPK	AGAP006871-PA	-	43	0.000351822	1	791.467	1.6	Malpighian tubule	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_16252	CGTVILR	AGAP006871-PA	C1(Carbamidomethyl)	44	0.00060242	2	818.459	4.53	Head	2L:-:39285451-39285431	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_16306	VLDVLKFEPGNLCMITGGR	AGAP006871-PA	C13(Carbamidomethyl), M14(Oxidation),C13(Carbamidomethyl)	70	8.90E-07	1	2119.113	4.38	Visceras	2L:-:39285520-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_16321	LKYALTNSEVTK	AGAP006871-PA	-	100	5.89E-10	1	1366.757	-0.69	Pupa	2L:-:39286514-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_16731	LTIAEER	AGAP006871-PA	-	40	0.002051022	2	831.457	-0.47	Pupa	2L:-:39285289-39285269	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_18193	HPGSFEIVHVK	AGAP006871-PA	-	39	0.00151506	1	1249.673	3.27	Malpighian tubule	2L:-:39285424-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_19391	TDPNYPAGFMDVINIHK	AGAP006871-PA	M10(Oxidation)	112	1.09E-10	1	1947.932	2.59	Larva	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_19960	YALTNSEVTK	AGAP006871-PA	-	52	6.49E-05	1	1125.579	0.32	Pupa	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_20269	LRESLPLVIFLR	AGAP006871-PA	-	58	7.38E-07	1	1455.911	4.39	Larva	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_20633	VLDVLKFEPGNLCMITGGR	AGAP006871-PA	C13(Carbamidomethyl), M14(Oxidation),C13(Carbamidomethyl)	107	2.07E-10	1	2119.113	4.21	Malpighian tubule	2L:-:39285520-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_21360	VRTDPNYPAGFMDVINIHK	AGAP006871-PA	-	66	2.73E-06	1	2187.104	0.99	Pupa	2L:-:39286442-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_21373	DTTGHVFATR	AGAP006871-PA	-	61	1.36E-05	2	1104.544	0.97	Malpighian tubule	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_23396	VPFLLTHDGR	AGAP006871-PA	-	44	0.000284598	2	1154.633	1.09	Visceras	2L:-:39285619-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_23562	LKYALTNSEVTK	AGAP006871-PA	-	78	8.31E-08	1	1366.761	2.17	Malpighian tubule	2L:-:39286514-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_23921	AYISLPK	AGAP006871-PA	-	43	0.0003454	1	791.466	0.36	Ovary	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_23979	LTIAEERDR	AGAP006871-PA	-	41	0.001325391	1	1102.586	0.96	Malpighian tubule	2L:-:39285289-39285263	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_24034	YALTNSEVTK	AGAP006871-PA	-	48	0.000179618	2	1125.578	-0.43	Head	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA

JHU_Ag_24035	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	77	2.71E-07	1	1451.679	1.33	Salivary gland	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_24043	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation)	47	0.000226318	2	1467.673	0.38	Male reproductive organs	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_25431	TIRYPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	38	0.002343106	1	2696.341	-0.49	Salivary gland	2L:-:39285589-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_25922	LRESLPLVIFLR	AGAP006871-PA	-	74	1.74E-08	1	1455.906	0.95	Male reproductive organs	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_26121	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	74	5.16E-07	1	1467.673	0.54	Malpighian tubule	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_26129	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	174	5.87E-17	1	2326.113	1.12	Head	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_26785	TGEYFR	AGAP006871-PA	-	30	0.004326113	1	772.363	0.58	Salivary gland	2L:-:39285742-39285725	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_27227	LSNVFIIGK	AGAP006871-PA	-	65	1.12E-06	2	990.598	-0.41	Head	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_28301	ESLPLVIFLR	AGAP006871-PA	-	74	9.36E-08	2	1186.718	-0.88	Male reproductive organs	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_33024	TGEYFR	AGAP006871-PA	-	40	0.000393975	2	772.362	-0.6	Male reproductive organs	2L:-:39285742-39285725	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_33060	EKHPGSFEIVHVK	AGAP006871-PA	-	70	1.21E-06	1	1506.805	-0.75	Midgut	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_34015	CGTVILR	AGAP006871-PA	C1(Carbamidomethyl)	46	0.000426608	2	818.456	1.32	Malpighian tubule	2L:-:39285451-39285431	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_34018	HPGSFEIVHVK	AGAP006871-PA	-	50	0.000126934	1	1249.668	-0.47	Visceras	2L:-:39285424-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_34514	TDPNYPAGFMDVINIHK	AGAP006871-PA	-	53	8.56E-05	1	1931.932	0.17	Visceras	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_34790	LRESLPLVIFLR	AGAP006871-PA	-	92	1.28E-10	1	1455.912	4.89	Malpighian tubule	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_34819	LTIAEER	AGAP006871-PA	-	54	8.81E-05	2	831.458	1.22	Male reproductive organs	2L:-:39285289-39285269	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_35428	DTTGHVFATR	AGAP006871-PA	-	61	1.36E-05	2	1104.548	4.39	Larva	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_37294	VLDVLK	AGAP006871-PA	-	36	0.001211271	1	686.446	1.45	Male reproductive organs	2L:-:39285520-39285503	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_37778	TDPNYPAGFMDVINIHK	AGAP006871-PA	M10(Oxidation)	36	0.003994698	1	1947.924	-1.68	Salivary gland	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_40669	VPFLLTHDGR	AGAP006871-PA	-	65	1.88E-06	1	1154.634	1.83	Malpighian tubule	2L:-:39285619-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_40909	LTIAEER	AGAP006871-PA	-	45	0.000590161	2	831.457	0.27	Salivary gland	2L:-:39285289-39285269	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_41087	LKYALTNSEVTK	AGAP006871-PA	-	47	0.000117533	2	1366.759	1.28	Male reproductive organs	2L:-:39286514-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_41262	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	82	9.57E-08	1	1451.675	-1.19	Midgut	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_42340	VRTDPNYPAGFMDVINIHK	AGAP006871-PA	M12(Oxidation)	81	1.20E-07	1	2203.091	-2.56	Midgut	2L:-:39286442-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_42453	TIRYPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	109	1.75E-10	1	2696.345	0.89	Male reproductive organs	2L:-:39285589-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA

JHU_Ag_42641	EKHPGSFEIVHVK	AGAP006871-PA	-	70	1.20E-06	1	1506.805	-0.81	Male reproductive organs	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_42930	RVPFLLTHDGR	AGAP006871-PA	-	72	4.17E-07	1	1310.732	-0.29	Male reproductive organs	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_43330	EKHPGSFEIVHVK	AGAP006871-PA	-	50	0.000110188	1	1506.806	0.04	Head	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_43859	RVPFLLTHDGR	AGAP006871-PA	-	42	0.000443957	1	1310.736	2.22	Larva	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_44041	DTTGHVFATR	AGAP006871-PA	-	62	1.28E-05	2	1104.543	-0.25	Male reproductive organs	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_44403	LKYALTNSEVTK	AGAP006871-PA	-	65	1.83E-06	1	1366.757	-0.87	Midgut	2L:-:39286514-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_44558	AYISLPK	AGAP006871-PA	-	43	0.0003454	1	791.467	1.37	Salivary gland	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_45400	TGEYFR	AGAP006871-PA	-	49	6.20E-05	2	772.363	0.9	Ovary	2L:-:39285742-39285725	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_45980	EKHPGSFEIVHVK	AGAP006871-PA	-	38	0.002070322	1	1506.811	3.25	Larva	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_46180	RLNAPR	AGAP006871-PA	-	32	0.000940771	2	726.437	0.37	Male reproductive organs	2L:-:39286637-39286620	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_47208	LSNVFIIGK	AGAP006871-PA	-	62	1.92E-06	2	990.598	-0.35	Midgut	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_47776	DTTGHVFATR	AGAP006871-PA	-	49	0.00021477	2	1104.541	-1.91	Salivary gland	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_48571	GWMLDKTGGTFAPRPSTGPHK	AGAP006871-PA	M3(Oxidation)	73	7.41E-07	1	2257.122	1.55	Malpighian tubule	2L:-:39286619-39286557	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_49568	AYISLPK	AGAP006871-PA	-	43	0.000384878	2	791.466	-0.02	Male reproductive organs	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_50252	CGTVILR	AGAP006871-PA	C1(Carbamidomethyl)	65	6.22E-06	2	818.455	0.13	Ovary	2L:-:39285451-39285431	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_50403	ESLPLVIFLR	AGAP006871-PA	-	65	7.42E-07	1	1186.720	0.14	Ovary	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_51929	TDPNYPAGFMDVINIHK	AGAP006871-PA	M10(Oxidation)	60	1.67E-05	1	1947.930	1.46	Midgut	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_52054	YALTNSEVTK	AGAP006871-PA	-	42	0.000615672	2	1125.579	-0.11	Salivary gland	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_53036	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	91	1.22E-08	1	2326.112	0.81	Salivary gland	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_53477	HPGSFEIVHVK	AGAP006871-PA	-	68	2.07E-06	1	1249.668	-0.76	Pupa	2L:-:39285424-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_53714	TIRYPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	52	9.06E-05	1	2696.338	-1.94	Midgut	2L:-:39285589-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_55094	TIRYPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	97	2.62E-09	1	2696.351	3	Malpighian tubule	2L:-:39285589-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_56194	AYISLPK	AGAP006871-PA	-	28	0.01271519	1	791.466	0.15	Midgut	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_57282	TDPNYPAGFMDVINIHK	AGAP006871-PA	M10(Oxidation)	70	1.81E-06	1	1947.926	-0.45	Male reproductive organs	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_58187	TGEYFR	AGAP006871-PA	-	46	0.000143468	2	772.366	4.69	Head	2L:-:39285742-39285725	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_59418	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	58	1.90E-05	2	1467.673	0.79	Pupa	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA

JHU_Ag_59923	LSNVFIIGK	AGAP006871-PA	-	75	1.14E-07	1	990.598	-0.1	Pupa	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_60125	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation)	39	0.001574476	2	1467.678	3.87	Larva	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_60243	RVPFLLTHDGR	AGAP006871-PA	-	72	4.16E-07	1	1310.732	-0.64	Salivary gland	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_60473	TIRYPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	45	0.000442958	1	2696.341	-0.75	Pupa	2L:-:39285589-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_60538	LRESLPLVIFLR	AGAP006871-PA	-	78	6.97E-09	1	1455.909	2.96	Pupa	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_61271	CGTVILR	AGAP006871-PA	C1(Carbamidomethyl)	53	8.50E-05	2	818.455	-0.84	Visceras	2L:-:39285451-39285431	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_62083	LTIAEER	AGAP006871-PA	-	38	0.002586571	1	831.460	3.42	Head	2L:-:39285289-39285269	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_63774	YALTNSEVTK	AGAP006871-PA	-	40	0.001062551	2	1125.579	0	Larva	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_65092	CGTVILR	AGAP006871-PA	C1(Carbamidomethyl)	64	6.29E-06	2	818.455	-0.09	Salivary gland	2L:-:39285451-39285431	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_66335	YALTNSEVTK	AGAP006871-PA	-	51	8.30E-05	2	1125.583	3.47	Malpighian tubule	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_68603	TDPNYPAGFMDVINIHK	AGAP006871-PA	M10(Oxidation)	107	3.71E-10	1	1947.929	0.77	Ovary	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_69109	LTIAEER	AGAP006871-PA	-	42	0.001202182	1	831.458	0.85	Ovary	2L:-:39285289-39285269	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_70445	ESLPLVIFLR	AGAP006871-PA	-	65	7.33E-07	1	1186.720	0.25	Salivary gland	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_70582	VLDVLKFEPGNLCMITGGR	AGAP006871-PA	C13(Carbamidomethyl), M14(Oxidation)	56	3.44E-05	1	2135.099	0.1	Pupa	2L:-:39285520-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_70694	YALTNSEVTK	AGAP006871-PA	-	57	2.23E-05	2	1125.579	0.65	Visceras	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_70799	RVQIGPK	AGAP006871-PA	-	33	0.001361965	2	797.498	-0.98	Head	2L:-:39285643-39285623	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_70941	TGGTFAPRPSTGPHK	AGAP006871-PA	-	60	1.26E-05	1	1510.778	1.29	Visceras	2L:-:39286601-39286557	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_71177	LRESLPLVIFLR	AGAP006871-PA	-	80	4.76E-09	1	1455.904	-0.14	Midgut	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_71296	HPGSFEIVHVK	AGAP006871-PA	-	92	8.06E-09	1	1249.664	-3.84	Head	2L:-:39285424-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_72253	TGGTFAPRPSTGPHK	AGAP006871-PA	-	55	4.37E-05	1	1510.775	-1.05	Male reproductive organs	2L:-:39286601-39286557	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_72365	RVPFLLTHDGR	AGAP006871-PA	-	71	4.19E-07	1	1310.732	-0.78	Visceras	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_72443	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation)	71	8.92E-07	1	1467.672	-0.29	Ovary	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_73056	LSNVFIIGK	AGAP006871-PA	-	66	8.89E-07	2	990.599	0.82	Malpighian tubule	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_73653	ESLPLVIFLR	AGAP006871-PA	-	61	2.09E-06	2	1186.721	1.28	Visceras	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_73699	GWMLDK	AGAP006871-PA	M3(Oxidation)	35	0.003477947	1	765.360	-0.08	Ovary	2L:-:39286619-39286602	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_74224	VLDVLK	AGAP006871-PA	-	29	0.002608786	1	686.444	-1.12	Head	2L:-:39285520-39285503	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_75814	EKHPGSFEIVHVK	AGAP006871-PA	-	50	0.00011347	1	1506.807	0.68	Pupa	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA

JHU_Ag_76970	LSNVFIIGK	AGAP006871-PA	-	66	6.91E-07	2	990.600	1.56	Ovary	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_76980	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	57	2.61E-05	2	1467.674	1.71	Head	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_77245	TGGTFAPRPSTGPHK	AGAP006871-PA	-	51	9.19E-05	1	1510.787	7.42	Midgut	2L:-:39286601-39286557	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_77270	ESLPLVIFLR	AGAP006871-PA	-	60	2.64E-06	2	1186.721	1.28	Pupa	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_77866	ESLPLVIFLR	AGAP006871-PA	-	63	9.53E-07	2	1186.726	5.7	Malpighian tubule	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_79950	LIYDVK	AGAP006871-PA	-	36	0.000559972	2	750.439	-0.43	Ovary	2L:-:39285724-39285707	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_80413	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	164	6.35E-16	1	2326.113	1.12	Male reproductive organs	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_82017	LIYDVK	AGAP006871-PA	-	37	0.000444801	2	750.439	-0.51	Visceras	2L:-:39285724-39285707	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_83064	FEPGNLCMITGGR	AGAP006871-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	87	2.82E-08	1	1451.680	1.76	Visceras	2L:-:39285502-39285464	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_83207	RVPFLLTHDGR	AGAP006871-PA	-	72	4.05E-07	1	1310.733	-0.22	Midgut	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_83463	TDPNYPAGFMDVINIHK	AGAP006871-PA	M10(Oxidation)	46	0.000469097	2	1931.932	-0.21	Pupa	2L:-:39286436-39286664,39285236-39285743	exon=> In CDS Exon 3 and 2 of transcript AGAP006871-PA
JHU_Ag_83800	LIYDVK	AGAP006871-PA	-	38	0.000584057	2	750.441	2.09	Head	2L:-:39285724-39285707	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_85981	VPFLLTHDGR	AGAP006871-PA	-	64	2.65E-06	1	1154.633	0.99	Male reproductive organs	2L:-:39285619-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_86152	ESLPLVIFLR	AGAP006871-PA	-	53	9.13E-06	2	1186.725	4.98	Larva	2L:-:39286550-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_86163	AYISLPK	AGAP006871-PA	-	46	0.000193786	2	791.466	-0.41	Pupa	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_87440	VPFLLTHDGR	AGAP006871-PA	-	48	0.000106976	1	1154.632	0.14	Pupa	2L:-:39285619-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_87752	LRESLPLVIFLR	AGAP006871-PA	-	71	3.64E-08	1	1455.907	1.62	Ovary	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_88725	YALTNSEVTK	AGAP006871-PA	-	49	0.000139749	1	1125.578	-0.22	Midgut	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_88769	RLNAPR	AGAP006871-PA	-	30	0.00181754	2	726.439	2.14	Ovary	2L:-:39286637-39286620	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_89531	LSNVFIIGK	AGAP006871-PA	-	65	8.48E-07	1	990.601	2.86	Visceras	2L:-:39285361-39285335	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_90009	LSNVFIIGKSTK	AGAP006871-PA	-	70	1.58E-07	1	1306.776	2.35	Malpighian tubule	2L:-:39285361-39285326	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_91061	AYISLPK	AGAP006871-PA	-	47	0.000154285	2	791.467	1.21	Visceras	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_91413	GWMLDK	AGAP006871-PA	M3(Oxidation)	38	0.001579173	1	765.360	-0.4	Visceras	2L:-:39286619-39286602	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_93993	EKHPGSFEIVHVK	AGAP006871-PA	-	54	5.50E-05	1	1506.806	0.01	Visceras	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_98912	RLNAPR	AGAP006871-PA	-	32	0.000932146	2	726.438	2.05	Head	2L:-:39286637-39286620	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_99071	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	145	4.48E-14	1	2326.113	1.52	Visceras	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA

JHU_Ag_99084	VPFLLTHDGR	AGAP006871-PA	-	59	9.45E-06	1	1154.632	0.66	Ovary	2L:-:39285619-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_99595	TGGTFAPRPSTGPHK	AGAP006871-PA	-	51	9.43E-05	1	1510.780	2.43	Pupa	2L:-:39286601-39286557	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_99877	LRESLPLVIFLR	AGAP006871-PA	-	75	1.48E-08	1	1455.907	1.79	Head	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_100221	AYISLPK	AGAP006871-PA	-	36	0.001779524	2	791.468	2.75	Head	2L:-:39285325-39285305	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_102992	YPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	157	2.91E-15	1	2326.110	0.02	Pupa	2L:-:39285580-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_103152	RLNAPR	AGAP006871-PA	-	32	0.000932146	2	726.439	2.22	Malpighian tubule	2L:-:39286637-39286620	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_103355	RVPFLLTHDGR	AGAP006871-PA	-	71	4.52E-07	1	1310.735	1.94	Malpighian tubule	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_103653	HPGSFEIVHVK	AGAP006871-PA	-	56	3.22E-05	1	1249.670	1	Ovary	2L:-:39285424-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_104560	TGGTFAPRPSTGPHK	AGAP006871-PA	-	55	4.22E-05	1	1510.778	1.37	Malpighian tubule	2L:-:39286601-39286557	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_104644	YALTNSEVTK	AGAP006871-PA	-	48	0.000177761	2	1125.577	-1.52	Ovary	2L:-:39286508-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_104756	TGEYFR	AGAP006871-PA	-	49	5.66E-05	2	772.363	0.19	Midgut	2L:-:39285742-39285725	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_105177	EKHPGSFEIVHVK	AGAP006871-PA	-	74	4.84E-07	1	1506.805	-1.11	Ovary	2L:-:39285430-39285392	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_107452	LRESLPLVIFLR	AGAP006871-PA	-	57	9.91E-07	1	1455.904	-0.74	Salivary gland	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_107487	TIRYPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	95	4.38E-09	1	2696.360	6.53	Ovary	2L:-:39285589-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_108398	DTTGHVFATR	AGAP006871-PA	-	73	9.61E-07	2	1104.540	-2.79	Pupa	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_111213	VLDVLK	AGAP006871-PA	-	36	0.000532646	1	686.444	-0.41	Midgut	2L:-:39285520-39285503	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_111319	TIRYPDPQIHQHDSIQYDIATGK	AGAP006871-PA	-	71	1.07E-06	1	2696.341	-0.58	Visceras	2L:-:39285589-39285521	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_112170	LKYALTNSEVTK	AGAP006871-PA	-	88	8.68E-09	1	1366.758	0.03	Visceras	2L:-:39286514-39286479	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_112390	DTTGHVFATR	AGAP006871-PA	-	62	1.12E-05	1	1104.546	2.62	Head	2L:-:39285391-39285362	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_112687	TGEYFR	AGAP006871-PA	-	41	0.000343726	2	772.365	2.72	Malpighian tubule	2L:-:39285742-39285725	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_113691	LRESLPLVIFLR	AGAP006871-PA	-	62	3.19E-07	1	1455.907	1.46	Visceras	2L:-:39286556-39286521	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_113818	RVPFLLTHDGR	AGAP006871-PA	-	72	3.95E-07	1	1310.733	0.4	Pupa	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_116424	RVPFLLTHDGR	AGAP006871-PA	-	71	4.35E-07	1	1310.733	-0.01	Ovary	2L:-:39285622-39285590	exon=> In CDS Exon 3 of transcript AGAP006871-PA
JHU_Ag_116473	RLNAPR	AGAP006871-PA	-	33	0.001857996	2	726.435	-2.23	Visceras	2L:-:39286637-39286620	exon=> In CDS Exon 2 of transcript AGAP006871-PA
JHU_Ag_63605	TLTTAYYR	AGAP006873-PA	-	36	0.003625873	1	988.510	0.35	Male reproductive organs	2L:-:39304649-39304626	exon=> In CDS Exon 2 of transcript AGAP006873-PA
JHU_Ag_68137	QNINIEDAFLTLAR	AGAP006873-PA	-	62	8.46E-06	2	1617.863	1.95	Head	2L:-:39302379-39302338	exon=> In CDS Exon 4 of transcript AGAP006873-PA
JHU_Ag_84635	TLTTAYYR	AGAP006873-PA	-	38	0.002961756	1	988.508	-1.49	Head	2L:-:39304649-39304626	exon=> In CDS Exon 2 of transcript AGAP006873-PA
JHU_Ag_19063	IQIAK	AGAP006878-PA	Q2(Deamidated)	39	0.001368524	1	573.361	-0.02	Salivary gland	2L:-:39319061-39319047	exon=> In CDS Exon 3 of transcript AGAP006878-PA

JHU_Ag_3588	ADLGAPVR	AGAP006879-PA	N-Term(Acetyl)	46	0.000157355	1	840.460	3.06	Larva	2L:+:39319876-39319899	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_3986	FGRWSFLVVGVAYGAYHQQR	AGAP006879-PA	-	64	4.17E-06	1	2341.205	2.73	Visceras	2L:+:39320139-39320198	exon=> In CDS Exon 2 of transcript AGAP006879-PA
JHU_Ag_5972	AIAELSMPTK	AGAP006879-PA	M7(Oxidation)	70	1.87E-06	2	1076.563	-2.8	Midgut	2L:+:39320384-39320413	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_15400	ADLGAPVR	AGAP006879-PA	N-Term(Acetyl)	57	1.47E-05	1	840.457	-1	Head	2L:+:39319876-39319899	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_19146	AIAELSMPTK	AGAP006879-PA	M7(Oxidation)	57	4.04E-05	1	1076.564	-1.89	Ovary	2L:+:39320384-39320413	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_23717	ADLGAPVR	AGAP006879-PA	N-Term(Acetyl)	62	4.60E-06	2	840.458	0.36	Visceras	2L:+:39319876-39319899	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_29575	AIAELSMPTK	AGAP006879-PA	M7(Oxidation)	77	3.45E-07	1	1076.567	1.17	Visceras	2L:+:39320384-39320413	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_37114	AIAELSMPTKK	AGAP006879-PA	M7(Oxidation)	35	0.003477934	1	1204.660	-0.72	Head	2L:+:39320384-39320416	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_41779	ADLGAPVRVSPLIR	AGAP006879-PA	N-Term(Acetyl)	68	3.12E-07	1	1505.884	2.92	Malpighian tubule	2L:+:39319876-39319917	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_44710	EVGIREIEAQQK	AGAP006879-PA	-	81	7.19E-08	1	1399.754	-0.15	Malpighian tubule	2L:+:39320211-39320246	exon=> In CDS Exon 2 of transcript AGAP006879-PA
JHU_Ag_48391	NQEAEAKAIAELSMPTK	AGAP006879-PA	M14(Oxidation)	65	4.98E-06	2	1846.927	3.01	Malpighian tubule	2L:+:39320286-39320295,39320373-39320413	exon=> In CDS Exon 2 and 3 of transcript AGAP006879-PA
JHU_Ag_51884	WSFLVVGVAYGAYHQQR	AGAP006879-PA	-	69	2.06E-06	1	1981.006	-1.01	Midgut	2L:+:39320148-39320198	exon=> In CDS Exon 2 of transcript AGAP006879-PA
JHU_Ag_54395	AIAELSMPTK	AGAP006879-PA	M7(Oxidation)	65	5.55E-06	2	1060.573	1.91	Malpighian tubule	2L:+:39320384-39320413	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_63906	AIAELSMPTKK	AGAP006879-PA	M7(Oxidation)	78	1.35E-07	1	1188.666	0.48	Malpighian tubule	2L:+:39320384-39320416	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_64410	EVGIREIEAQQK	AGAP006879-PA	-	68	1.60E-06	1	1399.757	1.86	Visceras	2L:+:39320211-39320246	exon=> In CDS Exon 2 of transcript AGAP006879-PA
JHU_Ag_69021	AIAELSMPTKK	AGAP006879-PA	-	70	1.23E-06	1	1188.663	-2.4	Midgut	2L:+:39320384-39320416	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_82273	ADLGAPVR	AGAP006879-PA	N-Term(Acetyl)	52	4.16E-05	1	840.458	0.89	Pupa	2L:+:39319876-39319899	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_85434	ADLGAPVRVSPLIR	AGAP006879-PA	N-Term(Acetyl)	68	3.01E-07	1	1505.883	1.95	Visceras	2L:+:39319876-39319917	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_88709	AIAELSMPTKK	AGAP006879-PA	-	58	1.46E-05	1	1188.666	0.27	Salivary gland	2L:+:39320384-39320416	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_91159	FGRWSFLVVGVAYGAYHQQR	AGAP006879-PA	-	50	0.000119867	3	2341.206	3.04	Malpighian tubule	2L:+:39320139-39320198	exon=> In CDS Exon 2 of transcript AGAP006879-PA
JHU_Ag_92243	AIAELSMPTKK	AGAP006879-PA	M7(Oxidation)	46	0.00022669	1	1204.662	1.25	Ovary	2L:+:39320384-39320416	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_96405	AIAELSMPTK	AGAP006879-PA	M7(Oxidation)	66	4.39E-06	1	1076.566	0.49	Head	2L:+:39320384-39320413	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_109961	ADLGAPVR	AGAP006879-PA	N-Term(Acetyl)	57	1.50E-05	1	840.457	-0.64	Midgut	2L:+:39319876-39319899	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_112405	RNQEAEAK	AGAP006879-PA	-	53	8.50E-05	2	945.475	0.47	Head	2L:+:39320283-39320295,39320373-39320383	exon=> In CDS Exon 2 and 3 of transcript AGAP006879-PA
JHU_Ag_113935	ADLGAPVR	AGAP006879-PA	N-Term(Acetyl)	52	3.90E-05	1	840.459	1.9	Malpighian tubule	2L:+:39319876-39319899	exon=> In CDS Exon 1 of transcript AGAP006879-PA
JHU_Ag_114095	AIAELSMPTKK	AGAP006879-PA	M7(Oxidation)	52	5.43E-05	1	1204.660	-0.38	Pupa	2L:+:39320384-39320416	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_114613	WSFLVVGVAYGAYHQQR	AGAP006879-PA	-	61	1.26E-05	1	1981.016	4.08	Malpighian tubule	2L:+:39320148-39320198	exon=> In CDS Exon 2 of transcript AGAP006879-PA

JHU_Ag_117051	AIAELSMPTKK	AGAP006879-PA	M7(Oxidation)	79	1.35E-07	1	1204.661	0.13	Visceras	2L:+:39320384-39320416	exon=> In CDS Exon 3 of transcript AGAP006879-PA
JHU_Ag_25897	IINENSESEALR	AGAP006884-PA	-	50	0.000172971	2	1374.685	-0.84	Malpighian tubule	2L:-:39351134-39351099	exon=> In CDS Exon 3 of transcript AGAP006884-PA
JHU_Ag_32085	LAAFTAETEQNVR	AGAP006884-PA	-	81	1.25E-07	2	1449.743	6.58	Malpighian tubule	2L:-:39349418-39349380	exon=> In CDS Exon 3 of transcript AGAP006884-PA
JHU_Ag_39968	LNDELRQK	AGAP006884-PA	N2(Deamidated), Q7(Deamidated)	36	0.004987157	1	1017.526	4.44	Malpighian tubule	2L:-:39352283-39352260	exon=> In CDS Exon 3 of transcript AGAP006884-PA
JHU_Ag_116175	RFEAEIEQLK	AGAP006884-PA	-	39	0.002071395	1	1262.659	-11.89	Malpighian tubule	2L:-:39349379-39349350	exon=> In CDS Exon 3 of transcript AGAP006884-PA
JHU_Ag_117596	LAAFTAETEQNVR	AGAP006884-PA	-	76	3.90E-07	2	1449.736	1.53	Salivary gland	2L:-:39349418-39349380	exon=> In CDS Exon 3 of transcript AGAP006884-PA
JHU_Ag_4380	EELGLIEQAYDNPHEALSR	AGAP006885-PA	-	64	5.19E-06	1	2184.062	2.47	Ovary	2L:+:39358634-39358690	exon=> In CDS Exon 5 of transcript AGAP006885-PA
JHU_Ag_12185	TAEEVAALIR	AGAP006885-PA	-	52	9.89E-05	2	1072.604	4.34	Ovary	2L:+:39361951-39361980	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_12859	TDMIQALGGVEGILEHTLFK	AGAP006885-PA	M3(Oxidation)	70	1.12E-06	1	2188.142	4.76	Ovary	2L:+:39360844-39360903	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_14804	IDLTLLNR	AGAP006885-PA	-	54	4.22E-05	2	957.575	2.04	Ovary	2L:+:39359392-39359415	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_16294	LLILALER	AGAP006885-PA	-	46	3.80E-05	2	940.619	0.3	Midgut	2L:+:39358562-39358585	exon=> In CDS Exon 5 of transcript AGAP006885-PA
JHU_Ag_29532	ISLIQIFR	AGAP006885-PA	-	66	4.21E-07	2	989.618	3.49	Ovary	2L:+:39361141-39361164	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_51801	LLILALER	AGAP006885-PA	-	38	0.000219449	2	940.620	0.75	Male reproductive organs	2L:+:39358562-39358585	exon=> In CDS Exon 5 of transcript AGAP006885-PA
JHU_Ag_58500	IGLNSKMPSR	AGAP006885-PA	M7(Oxidation)	40	0.001255409	1	1118.614	13.73	Head	2L:+:39360331-39360360	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_61732	ISLIQIFR	AGAP006885-PA	-	41	0.000137733	2	989.614	0.16	Head	2L:+:39361141-39361164	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_64098	LLILALER	AGAP006885-PA	-	58	2.38E-06	2	940.622	3.15	Ovary	2L:+:39358562-39358585	exon=> In CDS Exon 5 of transcript AGAP006885-PA
JHU_Ag_68338	IDLTLLNR	AGAP006885-PA	-	58	1.72E-05	2	957.573	0.38	Male reproductive organs	2L:+:39359392-39359415	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_68394	QQIAEIEK	AGAP006885-PA	Q1(Deamidated),Q2(Deamidated)	41	0.001475067	1	959.515	11.25	Salivary gland	2L:+:39362500-39362523	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_70443	ISLIQIFR	AGAP006885-PA	-	56	4.39E-06	2	989.614	-0.64	Male reproductive organs	2L:+:39361141-39361164	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_89334	NNVNVASLTQSEIR	AGAP006885-PA	-	96	3.62E-09	2	1544.806	2.3	Midgut	2L:+:39362413-39362454	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_90899	KGMLDPLEVHLLDFPNIVIK	AGAP006885-PA	M3(Oxidation)	94	1.42E-09	1	2307.278	-0.13	Midgut	2L:+:39362026-39362085	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_100645	EAVVNTQELLDLLVK	AGAP006885-PA	-	37	0.000613026	1	1683.966	8.12	Ovary	2L:+:39360256-39360300	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_101543	ISLIQIFR	AGAP006885-PA	-	62	1.17E-06	2	989.618	3.36	Salivary gland	2L:+:39361141-39361164	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_107814	ISLIQIFR	AGAP006885-PA	Q5(Deamidated)	52	1.16E-05	2	989.614	-0.4	Midgut	2L:+:39361141-39361164	exon=> In CDS Exon 7 of transcript AGAP006885-PA
JHU_Ag_108792	LLILALER	AGAP006885-PA	-	51	1.15E-05	2	940.620	1.46	Salivary gland	2L:+:39358562-39358585	exon=> In CDS Exon 5 of transcript AGAP006885-PA
JHU_Ag_61941	IFQAPSNFVQNFR	AGAP006889-PA	-	73	6.66E-07	1	1567.802	0.49	Midgut	2L:+:39374551-39374589	exon=> In CDS Exon 2 of transcript AGAP006889-PA
JHU_Ag_67087	VGEVGGSSLGFYGGK	AGAP006889-PA	-	64	5.34E-06	2	1413.703	1.32	Ovary	2L:+:39374164-39374208	exon=> In CDS Exon 2 of transcript AGAP006889-PA
JHU_Ag_70223	IFQAPSNFVQNFR	AGAP006889-PA	-	66	3.62E-06	2	1567.805	2.2	Ovary	2L:+:39374551-39374589	exon=> In CDS Exon 2 of transcript AGAP006889-PA

JHU_Ag_82547	TEADEATFEPVEQLK	AGAP006889-PA	-	37	0.003514415	1	1706.816	2.45	Ovary	2L:+:39373729-39373773	exon=> In CDS Exon 2 of transcript AGAP006889-PA
JHU_Ag_92284	SVETIYTSAACNR	AGAP006889-PA	N-Term(Acetyl), C11(Carbamidomethyl)	43	0.000533844	2	1513.703	5.36	Malpighian tubule	2L:+:39373100-39373138	exon=> In CDS Exon 1 of transcript AGAP006889-PA
JHU_Ag_94683	AVFEVETPETDSR	AGAP006889-PA	-	50	0.000164358	1	1479.700	2.86	Ovary	2L:+:39374754-39374792	exon=> In CDS Exon 3 of transcript AGAP006889-PA
JHU_Ag_98499	VGEVGGSSLGFYGGK	AGAP006889-PA	-	56	2.91E-05	2	1413.702	0.46	Salivary gland	2L:+:39374164-39374208	exon=> In CDS Exon 2 of transcript AGAP006889-PA
JHU_Ag_7671	DAIILIFANK	AGAP006890-PB	-	59	6.32E-06	2	1117.659	-2.59	Midgut	2L:+:39409203-39409232	exon=> In CDS Exon 3 of transcript AGAP006890-PB
JHU_Ag_49346	DAIILIFANK	AGAP006890-PB	-	40	0.000423886	2	1117.664	1.89	Visceras	2L:+:39409203-39409232	exon=> In CDS Exon 3 of transcript AGAP006890-PB
JHU_Ag_71862	FNVWDVGGQDK	AGAP006890-PB	-	81	1.05E-07	2	1264.593	-2.31	Head	2L:+:39408947-39408979	exon=> In CDS Exon 2 of transcript AGAP006890-PB
JHU_Ag_85672	LGQSVTTIPTVGFNVETVTYK	AGAP006890-PB	-	46	0.000224831	2	2254.195	-0.67	Head	2L:+:39408875-39408937	exon=> In CDS Exon 2 of transcript AGAP006890-PB
JHU_Ag_56555	NLKINFGPQHPAAHGVLR	AGAP006891-PA	N1(Deamidated), N5(Deamidated)	47	0.000215354	1	1971.036	-9.93	Malpighian tubule	2L:-:39427954-39427901	exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_57742	INFGPQHPAAHGVLR	AGAP006891-PA	-	43	0.000493449	1	1613.864	-1.36	Male reproductive organs	2L:-:39427945-39427901	exon=> In CDS Exon 1 of transcript AGAP006891-PA
JHU_Ag_13506	VQQLGHPDATR	AGAP006894-PA	-	45	0.000569396	2	1221.632	-1.23	Ovary	2L:-:39556986-39556954	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_14270	TGGLFMLAIR	AGAP006894-PA	M6(Oxidation)	58	1.51E-05	2	1094.605	2.31	Ovary	2L:-:39556839-39556810	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_15440	VQQLGHPDATR	AGAP006894-PA	-	69	1.83E-06	2	1221.636	2.16	Male reproductive organs	2L:-:39556986-39556954	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_21290	VQQLGHPDATR	AGAP006894-PA	-	52	9.78E-05	2	1221.636	2.36	Head	2L:-:39556986-39556954	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_24445	DNYACPTETEYK	AGAP006894-PA	C5(Carbamidomethyl)	61	2.47E-06	1	1490.613	1.7	Head	2L:-:39556893-39556858	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_24882	LGSFQYTR	AGAP006894-PA	-	50	0.000105545	2	971.495	0.65	Malpighian tubule	2L:-:39556402-39556379	exon=> In CDS Exon 4 of transcript AGAP006894-PA
JHU_Ag_41314	LGSFQYTR	AGAP006894-PA	-	65	3.06E-06	2	971.493	-1.3	Male reproductive organs	2L:-:39556402-39556379	exon=> In CDS Exon 4 of transcript AGAP006894-PA
JHU_Ag_41693	GQGMEIYWR	AGAP006894-PA	M4(Oxidation)	49	0.000112412	1	1155.524	-0.64	Male reproductive organs	2L:-:39556920-39556894	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_47806	IYGVASTINAANYVLFLALEK	AGAP006894-PA	-	161	3.51E-16	1	2270.246	1.3	Ovary	2L:-:39557049-39556987	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_52985	VYTEQLLELHR	AGAP006894-PA	-	61	9.58E-06	1	1400.753	-0.3	Midgut	2L:-:39556953-39556921	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_58991	DVLESLDKEAR	AGAP006894-PA	-	58	3.38E-05	2	1274.658	-0.29	Male reproductive organs	2L:-:39556378-39556346	exon=> In CDS Exon 4 of transcript AGAP006894-PA
JHU_Ag_75772	EQDETLLQPFSYIQQIPGK	AGAP006894-PA	-	50	0.000142093	2	2234.130	-1.83	Head	2L:-:39557705-39557765,39557419-39557529	exon=> In CDS Exon 2 and 1 of transcript AGAP006894-PA
JHU_Ag_80069	SSQKEQDETLLQPFSYIQQIPGK	AGAP006894-PA	-	49	0.000158047	1	2664.355	1.13	Male reproductive organs	2L:-:39557717-39557765,39557419-39557529	exon=> In CDS Exon 2 and 1 of transcript AGAP006894-PA
JHU_Ag_87053	MNMHELYEIIEK	AGAP006894-PA	N-Term(Acetyl), M1(Oxidation), M3(Oxidation)	70	1.00E-06	1	1623.743	2.29	Ovary	2L:-:39557765-39557730	exon=> In CDS Exon 1 of transcript AGAP006894-PA
JHU_Ag_94123	MNMHELYEIIEK	AGAP006894-PA	N-Term(Acetyl), M1(Oxidation), M3(Oxidation)	46	0.000240788	1	1623.739	-0.49	Male reproductive organs	2L:-:39557765-39557730	exon=> In CDS Exon 1 of transcript AGAP006894-PA
JHU_Ag_101415	VYTEQLLELHR	AGAP006894-PA	-	90	1.43E-08	1	1400.754	0.22	Male reproductive organs	2L:-:39556953-39556921	exon=> In CDS Exon 3 of transcript AGAP006894-PA

JHU_Ag_108154	TGGLFMLAIR	AGAP006894-PA	M6(Oxidation)	44	0.000290062	2	1094.601	-1.15	Male reproductive organs	2L:-:39556839-39556810	exon=> In CDS Exon 3 of transcript AGAP006894-PA
JHU_Ag_10288	DSILLHLGK	AGAP006895-PA	-	51	3.79E-05	2	995.588	-0.27	Salivary gland	2L:+:39559348-39559374	exon=> In CDS Exon 2 of transcript AGAP006895-PA
JHU_Ag_24457	DSILLHLGK	AGAP006895-PA	-	37	0.000855959	2	995.589	0.71	Head	2L:+:39559348-39559374	exon=> In CDS Exon 2 of transcript AGAP006895-PA
JHU_Ag_29106	DSILLHLGK	AGAP006895-PA	-	54	1.71E-05	1	995.590	1.32	Ovary	2L:+:39559348-39559374	exon=> In CDS Exon 2 of transcript AGAP006895-PA
JHU_Ag_60367	ATMHAHPGHPGGSR	AGAP006895-PA	N-Term(Acetyl), M3(Oxidation)	53	4.68E-05	1	1470.667	0.74	Malpighian tubule	2L:+:39558912-39558953	exon=> In CDS Exon 1 of transcript AGAP006895-PA
JHU_Ag_84193	DSILLHLGK	AGAP006895-PA	-	55	1.33E-05	1	995.590	1.94	Malpighian tubule	2L:+:39559348-39559374	exon=> In CDS Exon 2 of transcript AGAP006895-PA
JHU_Ag_21263	DVLQALNMNVLVELK	AGAP006895-PA,AGAP009948-PA	M8(Oxidation)	40	0.000723248	2	1714.943	1.05	Ovary	2L:+:39559125-39559169;3R:+:46015640-46015684	exon=> In CDS Exon 1 of transcript AGAP006895-PA;exon=> In CDS Exon 1 of transcript AGAP009948-PA
JHU_Ag_34873	DVDWSSVAATIVEK	AGAP006898-PA	-	71	1.44E-06	2	1519.771	4.35	Pupa	2L:-:39575889-39575848	exon=> In CDS Exon 4 of transcript AGAP006898-PA
JHU_Ag_37594	QTFIYSAIPFLR	AGAP006898-PA	-	53	3.74E-05	2	1455.806	4.26	Pupa	2L:-:39576723-39576688	exon=> In CDS Exon 4 of transcript AGAP006898-PA
JHU_Ag_38675	VALEYDGPYESFGPR	AGAP006898-PA	-	71	1.22E-06	1	1699.794	-1.06	Pupa	2L:-:39574412-39574368	exon=> In CDS Exon 7 of transcript AGAP006898-PA
JHU_Ag_55268	LLLTAAVPVGPDNVR	AGAP006898-PA	-	37	0.000344706	2	1534.897	1.24	Pupa	2L:-:39576552-39576508	exon=> In CDS Exon 4 of transcript AGAP006898-PA
JHU_Ag_63540	RPGAGKFEPK	AGAP006898-PA	-	35	0.004865506	1	1086.605	-0.19	Pupa	2L:-:39575538-39575509	exon=> In CDS Exon 6 of transcript AGAP006898-PA
JHU_Ag_19945	KTPPEAADYYQTALVEGK	AGAP006899-PA	-	92	1.02E-08	1	1980.995	2	Salivary gland	2L:+:39585903-39585956	exon=> In CDS Exon 2 of transcript AGAP006899-PA
JHU_Ag_76207	NPASKDEAGLKPDNAR	AGAP006899-PA	-	37	0.003245874	1	1682.845	-0.29	Salivary gland	2L:+:39585957-39586004	exon=> In CDS Exon 2 of transcript AGAP006899-PA
JHU_Ag_77634	TPPEAADYYQTALVEGK	AGAP006899-PA	-	119	1.92E-11	1	1852.898	0.66	Salivary gland	2L:+:39585906-39585956	exon=> In CDS Exon 2 of transcript AGAP006899-PA
JHU_Ag_2111	GPFITALGR	AGAP006901-PA	-	69	1.47E-06	2	931.537	0.62	Male reproductive organs	2L:-:39705843-39705817	exon=> In CDS Exon 12 of transcript AGAP006901-PA
JHU_Ag_5853	SNSTAFLDFLNRPTLNPNTDR	AGAP006901-PA	-	84	6.53E-08	1	2393.191	2.72	Head	2L:-:39707530-39707468	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_7562	NIPVVTGAAPELDAELAQYHSAHAR	AGAP006901-PA	-	82	7.10E-08	1	2630.333	0.34	Visceras	2L:-:39708922-39708848	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_10627	GPFITALGR	AGAP006901-PA	-	64	4.52E-06	2	931.537	1.54	Pupa	2L:-:39705843-39705817	exon=> In CDS Exon 12 of transcript AGAP006901-PA
JHU_Ag_11002	EQQAEQAALIQQLQEEQQKR	AGAP006901-PA	-	100	1.27E-09	1	2396.222	2.16	Visceras	2L:-:39708046-39707987	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_12042	EPLYPGHDAHPPEHYSLALR	AGAP006901-PA	-	59	1.69E-05	1	2299.131	2.23	Visceras	2L:-:39709225-39709166	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_12484	LSMMDALATASDRPYTPFSEVR	AGAP006901-PA	M3(Oxidation), M4(Oxidation)	136	3.22E-13	1	2458.171	-1.42	Visceras	2L:-:39709729-39709664	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_12971	TPKPFVPVVPEIR	AGAP006901-PA	-	57	3.98E-06	1	1478.877	2.35	Visceras	2L:-:39709555-39709517	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_14733	VPLCGCCQQQIR	AGAP006901-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C7(Carbamidomethyl)	100	1.23E-09	1	1518.700	1.35	Visceras	2L:-:39707353-39711183,39705661-39705844	exon=> In CDS Exon 12 and 11 of transcript AGAP006901-PA
JHU_Ag_20131	GPFITALGR	AGAP006901-PA	-	45	0.000317687	2	931.541	5.47	Malpighian tubule	2L:-:39705843-39705817	exon=> In CDS Exon 12 of transcript AGAP006901-PA
JHU_Ag_23176	GPFITALGR	AGAP006901-PA	-	59	1.20E-05	2	931.541	4.81	Ovary	2L:-:39705843-39705817	exon=> In CDS Exon 12 of transcript AGAP006901-PA
JHU_Ag_24839	LHGVPWYANK	AGAP006901-PA	-	40	0.000806969	1	1184.620	-1.09	Visceras	2L:-:39708574-39708545	exon=> In CDS Exon 11 of transcript AGAP006901-PA

JHU_Ag_26258	RLGQQPEPEPAPLPVGPPLDVPR	AGAP006901-PA	-	127	1.06E-12	1	2459.344	1.24	Visceras	2L:-:39710074-39710006	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_31517	GPFITALGR	AGAP006901-PA	-	61	7.71E-06	2	931.539	3.24	Larva	2L:-:39705843-39705817	exon=> In CDS Exon 12 of transcript AGAP006901-PA
JHU_Ag_34973	HATSIPYYQHQLGFEEYFAEVK	AGAP006901-PA	-	136	4.07E-13	1	2657.270	0.91	Visceras	2L:-:39708784-39708719	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_40864	VPLCGCCQQQIR	AGAP006901-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C7(Carbamidomethyl)	100	1.21E-09	1	1518.701	2.23	Head	2L:-:39707353-39711183,39705661-39705844	exon=> In CDS Exon 12 and 11 of transcript AGAP006901-PA
JHU_Ag_41311	VPLCGCCQQQIR	AGAP006901-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C7(Carbamidomethyl)	55	4.38E-05	2	1518.701	2.31	Male reproductive organs	2L:-:39707353-39711183,39705661-39705844	exon=> In CDS Exon 12 and 11 of transcript AGAP006901-PA
JHU_Ag_50118	LSMMDALATASDRPYTPFSEVR	AGAP006901-PA	M3(Oxidation), M4(Oxidation)	73	8.19E-07	1	2490.169	2.12	Head	2L:-:39709729-39709664	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_59147	LGQQPEPEPAPLPVGPPLDVPR	AGAP006901-PA	-	78	1.07E-07	2	2303.243	1.59	Visceras	2L:-:39710071-39710006	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_61560	KASVLLPPKPATRPDCVSPSSFK	AGAP006901-PA	C16(Carbamidomethyl)	77	7.91E-08	1	2482.351	0.79	Visceras	2L:-:39707833-39707765	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_62752	GFVAQQTR	AGAP006901-PA	-	44	0.000704509	2	906.480	1.01	Visceras	2L:-:39708151-39708128	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_67863	SPLNHPAEIPPYQR	AGAP006901-PA	-	48	0.000289367	1	1618.833	-0.46	Visceras	2L:-:39709153-39709112	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_69669	EQQAEQAALIQQLQEEQQK	AGAP006901-PA	-	105	4.20E-10	1	2240.118	1.35	Visceras	2L:-:39708046-39707990	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_72262	VPLCGCCQQQIR	AGAP006901-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C7(Carbamidomethyl)	38	0.001884586	2	1518.702	2.96	Malpighian tubule	2L:-:39707353-39711183,39705661-39705844	exon=> In CDS Exon 12 and 11 of transcript AGAP006901-PA
JHU_Ag_78100	EVPPEEPERGESSR	AGAP006901-PA	-	56	3.57E-05	1	1597.749	2.03	Visceras	2L:-:39709516-39709475	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_80960	FVEEHESSSR	AGAP006901-PA	-	40	0.000827232	1	1206.538	-0.89	Visceras	2L:-:39708262-39708233	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_81700	QFDGHTTPQPSR	AGAP006901-PA	-	43	0.000626477	1	1370.642	-1.71	Visceras	2L:-:39708718-39708683	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_82847	ASTVATAAAAVVESR	AGAP006901-PA	-	127	3.55E-12	2	1403.748	-0.53	Visceras	2L:-:39709402-39709358	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_82973	QWQSALVQALCVAPPDPIHLTADQIEQANFMR	AGAP006901-PA	C11(Carbamidomethyl), M31(Oxidation)	55	3.73E-05	1	3663.812	1.92	Visceras	2L:-:39710260-39710165	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_85941	QCSAFANVGGNR	AGAP006901-PA	C2(Carbamidomethyl)	43	0.000533817	2	1280.575	-4.08	Visceras	2L:-:39709591-39709556	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_86476	SPAFGPPPNPLKPHVPPSR	AGAP006901-PA	-	93	3.04E-09	1	1992.085	1.57	Visceras	2L:-:39708676-39708620	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_87346	SNSTAFLDFLNRPTLNPNTDR	AGAP006901-PA	-	129	1.72E-12	1	2393.197	5.01	Visceras	2L:-:39707530-39707468	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_91537	EGIPVESGLYLSMGK	AGAP006901-PA	M13(Oxidation)	75	4.00E-07	2	1579.807	1.81	Visceras	2L:-:39708619-39708575	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_95596	TAPYTPFQQFGR	AGAP006901-PA	-	55	4.62E-05	2	1412.698	1.52	Visceras	2L:-:39709810-39709775	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_97916	GQSFTPSLILTK	AGAP006901-PA	-	61	5.24E-06	1	1291.728	1.85	Visceras	2L:-:39708820-39708785	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_102150	GPFITALGR	AGAP006901-PA	-	59	1.33E-05	2	931.537	0.95	Head	2L:-:39705843-39705817	exon=> In CDS Exon 12 of transcript AGAP006901-PA
JHU_Ag_103236	GPFITALGR	AGAP006901-PA	-	61	7.84E-06	2	931.536	-0.1	Visceras	2L:-:39705843-39705817	exon=> In CDS Exon 12 of transcript AGAP006901-PA
JHU_Ag_106790	TPEPEELR	AGAP006901-PA	-	57	1.72E-05	2	970.483	-0.75	Visceras	2L:-:39709075-39709052	exon=> In CDS Exon 11 of transcript AGAP006901-PA

JHU_Ag_114333	AVQSAQQVGNALIQK	AGAP006901-PA	-	94	2.36E-09	1	1554.861	0.87	Visceras	2L:-:39708316-39708272	exon=> In CDS Exon 11 of transcript AGAP006901-PA
JHU_Ag_2470	GGATWRPSVTPTGSLPSPSPSLPGNVTPVTR	AGAP006901-PA,AGAP006901-PB	-	160	5.91E-16	1	3073.607	-0.04	Visceras	2L:-:39720937-39720845;2L:-:39720937-39720845	exon=> In CDS Exon 3 of transcript AGAP006901-PA;exon=> In CDS Exon 3 of transcript AGAP006901-PB
JHU_Ag_9457	ANLITVR	AGAP006901-PA,AGAP006901-PB	N-Term(Acetyl)	35	0.002470563	1	828.495	1.57	Head	2L:-:39729830-39729810;2L:-:39729830-39729810	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_10409	LIVGVFVR	AGAP006901-PA,AGAP006901-PB	-	64	3.01E-07	2	902.582	0.15	Visceras	2L:-:39719463-39719654,39717357-39717539;2L:-:39719463-39719654,39717357-39717539	exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PB
JHU_Ag_14787	DFSAPLVLQR	AGAP006901-PA,AGAP006901-PB	-	79	1.60E-07	1	1145.632	0.11	Male reproductive organs	2L:-:39729758-39729729;2L:-:39729758-39729729	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_17417	HKDAQDVIVAAGNSFELTVSR	AGAP006901-PA,AGAP006901-PB	-	43	0.000687655	3	2257.160	1.28	Visceras	2L:-:39721094-39721184,39720767-39720938;2L:-:39721094-39721184,39720767-39720938	exon=> In CDS Exon 3 and 2 of transcript AGAP006901-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP006901-PB
JHU_Ag_24790	VYSPANSEVYK	AGAP006901-PA,AGAP006901-PB	-	46	0.000304908	2	1256.620	3.69	Visceras	2L:-:39720451-39720419;2L:-:39720451-39720419	exon=> In CDS Exon 5 of transcript AGAP006901-PA;exon=> In CDS Exon 5 of transcript AGAP006901-PB
JHU_Ag_33575	VNGTEVFNMR	AGAP006901-PA,AGAP006901-PB	M9(Oxidation)	55	4.07E-05	1	1166.561	-0.97	Head	2L:-:39721124-39721095;2L:-:39721124-39721095	exon=> In CDS Exon 2 of transcript AGAP006901-PA;exon=> In CDS Exon 2 of transcript AGAP006901-PB
JHU_Ag_33678	GGATWRPSVTPTGSLPSPSPSLPGNVTPVTR	AGAP006901-PA,AGAP006901-PB	-	84	2.16E-08	1	3073.614	2.22	Malpighian tubule	2L:-:39720937-39720845;2L:-:39720937-39720845	exon=> In CDS Exon 3 of transcript AGAP006901-PA;exon=> In CDS Exon 3 of transcript AGAP006901-PB
JHU_Ag_38898	GDGQAWGFR	AGAP006901-PA,AGAP006901-PB	-	54	5.69E-05	2	993.453	-0.72	Male reproductive organs	2L:-:39729800-39729774;2L:-:39729800-39729774	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_40315	ANLITVR	AGAP006901-PA,AGAP006901-PB	N-Term(Acetyl)	32	0.005197517	1	828.496	2.53	Larva	2L:-:39729830-39729810;2L:-:39729830-39729810	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_42609	ANLITVR	AGAP006901-PA,AGAP006901-PB	N-Term(Acetyl)	61	6.92E-06	2	828.495	1.85	Male reproductive organs	2L:-:39729830-39729810;2L:-:39729830-39729810	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_47174	VNGGSVADQAGLMAGDALIK	AGAP006901-PA,AGAP006901-PB	M13(Oxidation)	80	1.53E-07	1	1902.962	1.58	Male reproductive organs	2L:-:39721184-39721125;2L:-:39721184-39721125	exon=> In CDS Exon 2 of transcript AGAP006901-PA;exon=> In CDS Exon 2 of transcript AGAP006901-PB

JHU_Ag_47191	LQGGKDFSAPLVLQR	AGAP006901-PA,AGAP006901-PB	-	38	0.00091802	1	1628.918	3.9	Malpighian tubule	2L:-:39729773-39729729;2L:-:39729773-39729729	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_47977	ANLITVR	AGAP006901-PA,AGAP006901-PB	N-Term(Acetyl)	65	2.62E-06	2	828.496	2.44	Visceras	2L:-:39729830-39729810;2L:-:39729830-39729810	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_52674	NLHADCFK	AGAP006901-PA,AGAP006901-PB	C6(Carbamidomethyl)	56	2.30E-05	1	1004.456	-5.72	Head	2L:-:39717526-39717503;2L:-:39717526-39717503	exon=> In CDS Exon 8 of transcript AGAP006901-PA;exon=> In CDS Exon 8 of transcript AGAP006901-PB
JHU_Ag_56795	ANLITVR	AGAP006901-PA,AGAP006901-PB	N-Term(Acetyl)	35	0.002275569	1	828.498	5.03	Malpighian tubule	2L:-:39729830-39729810;2L:-:39729830-39729810	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_58414	LYCDIHAR	AGAP006901-PA,AGAP006901-PB	C3(Carbamidomethyl)	57	3.31E-05	1	1047.501	-2.89	Head	2L:-:39717445-39717422;2L:-:39717445-39717422	exon=> In CDS Exon 8 of transcript AGAP006901-PA;exon=> In CDS Exon 8 of transcript AGAP006901-PB
JHU_Ag_58708	LIVGVFVR	AGAP006901-PA,AGAP006901-PB	-	55	2.16E-06	2	902.586	4.2	Malpighian tubule	2L:-:39719463-39719654,39717357-39717539;2L:-:39719463-39719654,39717357-39717539	exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PB
JHU_Ag_60426	VYSPANSEVYK	AGAP006901-PA,AGAP006901-PB	-	43	0.000640893	2	1256.617	1.36	Head	2L:-:39720451-39720419;2L:-:39720451-39720419	exon=> In CDS Exon 5 of transcript AGAP006901-PA;exon=> In CDS Exon 5 of transcript AGAP006901-PB
JHU_Ag_63927	GGATWRPSVTPTGSLPSPSPSLPGNVTPVTR	AGAP006901-PA,AGAP006901-PB	-	123	3.05E-12	1	3073.610	1.15	Male reproductive organs	2L:-:39720937-39720845;2L:-:39720937-39720845	exon=> In CDS Exon 3 of transcript AGAP006901-PA;exon=> In CDS Exon 3 of transcript AGAP006901-PB
JHU_Ag_67589	DFSAPLVLQR	AGAP006901-PA,AGAP006901-PB	-	83	6.25E-08	2	1145.631	0	Visceras	2L:-:39729758-39729729;2L:-:39729758-39729729	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_74502	GGATWRPSVTPTGSLPSPSPSLPGNVTPVTR	AGAP006901-PA,AGAP006901-PB	-	55	1.79E-05	1	3073.616	3.17	Ovary	2L:-:39720937-39720845;2L:-:39720937-39720845	exon=> In CDS Exon 3 of transcript AGAP006901-PA;exon=> In CDS Exon 3 of transcript AGAP006901-PB
JHU_Ag_78496	GGATWRPSVTPTGSLPSPSPSLPGNVTPVTR	AGAP006901-PA,AGAP006901-PB	-	156	1.39E-15	1	3073.610	1.03	Head	2L:-:39720937-39720845;2L:-:39720937-39720845	exon=> In CDS Exon 3 of transcript AGAP006901-PA;exon=> In CDS Exon 3 of transcript AGAP006901-PB
JHU_Ag_79508	TSLAATPQEMKPIGSGHNTAAKPFAAVNGNDGQIK	AGAP006901-PA,AGAP006901-PB	M10(Oxidation)	115	2.87E-11	1	3537.779	0.87	Visceras	2L:-:39720844-39720938,39720561-39720668;2L:-:39720844-39720938,39720561-39720668	exon=> In CDS Exon 4 and 3 of transcript AGAP006901-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006901-PB
JHU_Ag_80931	VNGGSVADQAGLMAGDALIK	AGAP006901-PA,AGAP006901-PB	N2(Deamidated), M13(Oxidation),M13(Oxidation)	139	1.70E-13	1	1902.962	1.52	Head	2L:-:39721184-39721125;2L:-:39721184-39721125	exon=> In CDS Exon 2 of transcript AGAP006901-PA;exon=> In CDS Exon 2 of transcript AGAP006901-PB

JHU_Ag_83547	LIVGVFVR	AGAP006901-PA,AGAP006901-PB	-	72	4.62E-08	2	902.584	2.31	Head	2L:-:39719463-39719654,39717357-39717539;2L:-:39719463-39719654,39717357-39717539	exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PB
JHU_Ag_91932	LIVGVFVR	AGAP006901-PA,AGAP006901-PB	-	39	0.000108415	2	902.582	-0.39	Male reproductive organs	2L:-:39719463-39719654,39717357-39717539;2L:-:39719463-39719654,39717357-39717539	exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP006901-PB
JHU_Ag_93979	GDGQAWGFR	AGAP006901-PA,AGAP006901-PB	-	49	0.000170194	2	993.454	0.39	Head	2L:-:39729800-39729774;2L:-:39729800-39729774	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_94202	VNGTEVFNMR	AGAP006901-PA,AGAP006901-PB	-	40	0.001340072	2	1166.557	-4.31	Visceras	2L:-:39721124-39721095;2L:-:39721124-39721095	exon=> In CDS Exon 2 of transcript AGAP006901-PA;exon=> In CDS Exon 2 of transcript AGAP006901-PB
JHU_Ag_97582	HVSAPVDRPVAPAANGLPPGQNICASCER	AGAP006901-PA,AGAP006901-PB	C24(Carbamidomethyl), C27(Carbamidomethyl)	57	3.03E-05	1	3040.488	1.11	Head	2L:-:39719550-39719464;2L:-:39719550-39719464	exon=> In CDS Exon 7 of transcript AGAP006901-PA;exon=> In CDS Exon 7 of transcript AGAP006901-PB
JHU_Ag_99223	DFSAPLVLQR	AGAP006901-PA,AGAP006901-PB	-	72	7.58E-07	2	1145.628	-2.55	Head	2L:-:39729758-39729729;2L:-:39729758-39729729	exon=> In CDS Exon 1 of transcript AGAP006901-PA;exon=> In CDS Exon 1 of transcript AGAP006901-PB
JHU_Ag_112228	VNGGSVADQAGLMAGDALIK	AGAP006901-PA,AGAP006901-PB	M13(Oxidation)	139	1.56E-13	1	1886.966	1.03	Visceras	2L:-:39721184-39721125;2L:-:39721184-39721125	exon=> In CDS Exon 2 of transcript AGAP006901-PA;exon=> In CDS Exon 2 of transcript AGAP006901-PB
JHU_Ag_8753	NLEGQSFFAK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	39	0.001668041	2	1140.574	4.99	Larva	2L:-:39705246-39705217;2L:-:39705246-39705217;2L:-:39705246-39705217	exon=> In CDS Exon 14 of transcript AGAP006901-PA;exon=> In CDS Exon 15 of transcript AGAP006901-PB;exon=> In CDS Exon 5 of transcript AGAP006901-PC
JHU_Ag_9339	DWNDLFTTK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	52	7.67E-05	1	1139.536	-0.34	Male reproductive organs	2L:-:39705456-39705430;2L:-:39705456-39705430;2L:-:39705456-39705430	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC
JHU_Ag_10663	DWNDLFTTK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	67	2.52E-06	2	1139.538	0.73	Head	2L:-:39705456-39705430;2L:-:39705456-39705430;2L:-:39705456-39705430	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC
JHU_Ag_12195	GDCLNAIGK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C3(Carbamidomethyl)	64	4.76E-06	1	947.461	-0.2	Head	2L:-:39705579-39705553;2L:-:39705579-39705553;2L:-:39705579-39705553	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC

JHU_Ag_15465	NLEGQSFFAK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	43	0.000623885	2	1140.573	3.92	Malpighian tubule	2L:-:39705246-39705217;2L:-:39705246-39705217;2L:-:39705246-39705217	exon=> In CDS Exon 14 of transcript AGAP006901-PA;exon=> In CDS Exon 15 of transcript AGAP006901-PB;exon=> In CDS Exon 5 of transcript AGAP006901-PC
JHU_Ag_20608	DWNDLFTTK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	51	8.41E-05	2	1139.537	0.52	Visceras	2L:-:39705456-39705430;2L:-:39705456-39705430;2L:-:39705456-39705430	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC
JHU_Ag_32072	CFACGFPVEAGDK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C1(Carbamidomethyl), C4(Carbamidomethyl)	83	2.45E-08	1	1457.620	0.8	Head	2L:-:39705429-39705391;2L:-:39705429-39705391;2L:-:39705429-39705391	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC
JHU_Ag_34021	VKGDCLNAIGK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C5(Carbamidomethyl)	34	0.006857561	1	1174.625	0.1	Head	2L:-:39705666-39705844,39705340-39705553;2L:-:39705666-39705844,39705340-39705553;2L:-:39705666-39705844,39705340-39705553	exon=> In CDS Exon 13 and 12 of transcript AGAP006901-PA;exon=> In CDS Exon 14 and 13 of transcript AGAP006901-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP006901-PC
JHU_Ag_34318	IWCPDHFICHNANCK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C3(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	71	5.21E-07	1	1971.842	0.64	Head	2L:-:39705816-39705772;2L:-:39705816-39705772;2L:-:39705816-39705772	exon=> In CDS Exon 12 of transcript AGAP006901-PA;exon=> In CDS Exon 13 of transcript AGAP006901-PB;exon=> In CDS Exon 3 of transcript AGAP006901-PC
JHU_Ag_35989	NLEGQSFFAK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	73	6.33E-07	1	1140.566	-2.07	Head	2L:-:39705246-39705217;2L:-:39705246-39705217;2L:-:39705246-39705217	exon=> In CDS Exon 14 of transcript AGAP006901-PA;exon=> In CDS Exon 15 of transcript AGAP006901-PB;exon=> In CDS Exon 5 of transcript AGAP006901-PC
JHU_Ag_48149	NLEGQSFFAK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	66	3.54E-06	2	1140.569	0.39	Visceras	2L:-:39705246-39705217;2L:-:39705246-39705217;2L:-:39705246-39705217	exon=> In CDS Exon 14 of transcript AGAP006901-PA;exon=> In CDS Exon 15 of transcript AGAP006901-PB;exon=> In CDS Exon 5 of transcript AGAP006901-PC
JHU_Ag_58942	QFHPECFK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C6(Carbamidomethyl)	41	0.000834834	1	1092.490	-2.76	Head	2L:-:39705552-39705529;2L:-:39705552-39705529;2L:-:39705552-39705529	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC

JHU_Ag_70107	RPLADIGFVEEK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	74	6.45E-07	2	1373.744	1.11	Visceras	2L:-:39705771-39705736;2L:-:39705771-39705736;2L:-:39705771-39705736	exon=> In CDS Exon 12 of transcript AGAP006901-PA;exon=> In CDS Exon 13 of transcript AGAP006901-PB;exon=> In CDS Exon 3 of transcript AGAP006901-PC
JHU_Ag_76656	QFGNSPFFLEEGDPYCEK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C16(Carbamidomethyl)	91	6.79E-09	2	2163.938	2.38	Head	2L:-:39705510-39705457;2L:-:39705510-39705457;2L:-:39705510-39705457	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC
JHU_Ag_79813	RPLADIGFVEEK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	56	3.01E-05	1	1373.749	4.49	Larva	2L:-:39705771-39705736;2L:-:39705771-39705736;2L:-:39705771-39705736	exon=> In CDS Exon 12 of transcript AGAP006901-PA;exon=> In CDS Exon 13 of transcript AGAP006901-PB;exon=> In CDS Exon 3 of transcript AGAP006901-PC
JHU_Ag_89050	QFGNSPFFLEEGDPYCEKDWNDLFTTK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C16(Carbamidomethyl)	143	4.03E-14	1	3284.450	-0.48	Visceras	2L:-:39705510-39705430;2L:-:39705510-39705430;2L:-:39705510-39705430	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC
JHU_Ag_99753	RPLADIGFVEEK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	83	6.88E-08	1	1373.739	-2.18	Head	2L:-:39705771-39705736;2L:-:39705771-39705736;2L:-:39705771-39705736	exon=> In CDS Exon 12 of transcript AGAP006901-PA;exon=> In CDS Exon 13 of transcript AGAP006901-PB;exon=> In CDS Exon 3 of transcript AGAP006901-PC
JHU_Ag_111502	RPLADIGFVEEK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	-	42	0.000903312	2	1373.745	2.09	Pupa	2L:-:39705771-39705736;2L:-:39705771-39705736;2L:-:39705771-39705736	exon=> In CDS Exon 12 of transcript AGAP006901-PA;exon=> In CDS Exon 13 of transcript AGAP006901-PB;exon=> In CDS Exon 3 of transcript AGAP006901-PC
JHU_Ag_111951	QFGNSPFFLEEGDPYCEK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C16(Carbamidomethyl)	46	0.000167691	1	2163.936	1.36	Visceras	2L:-:39705510-39705457;2L:-:39705510-39705457;2L:-:39705510-39705457	exon=> In CDS Exon 13 of transcript AGAP006901-PA;exon=> In CDS Exon 14 of transcript AGAP006901-PB;exon=> In CDS Exon 4 of transcript AGAP006901-PC
JHU_Ag_115256	IWCPDHFICHNANCK	AGAP006901-PA,AGAP006901-PB,AGAP006901-PC	C3(Carbamidomethyl),C9(Carbamidomethyl),C14(Carbamidomethyl)	39	0.000777813	1	1971.842	0.46	Visceras	2L:-:39705816-39705772;2L:-:39705816-39705772;2L:-:39705816-39705772	exon=> In CDS Exon 12 of transcript AGAP006901-PA;exon=> In CDS Exon 13 of transcript AGAP006901-PB;exon=> In CDS Exon 3 of transcript AGAP006901-PC
JHU_Ag_1347	TGVQAISAALNAHANLNGR	AGAP006901-PB	N17(Deamidated),N15(Deamidated)	90	1.10E-08	1	1878.976	-1.18	Male reproductive organs	2L:-:39716449-39716393	exon=> In CDS Exon 9 of transcript AGAP006901-PB
JHU_Ag_42881	TGVQAISAALNAHANLNGR	AGAP006901-PB	N17(Deamidated),N15(Deamidated),N11(Deamidated)	122	8.05E-12	1	1877.992	-0.94	Head	2L:-:39716449-39716393	exon=> In CDS Exon 9 of transcript AGAP006901-PB
JHU_Ag_53811	TGVQAISAALNAHANLNGR	AGAP006901-PB	-	80	9.96E-08	1	1878.002	4.38	Malpighian tubule	2L:-:39716449-39716393	exon=> In CDS Exon 9 of transcript AGAP006901-PB

JHU_Ag_91226	TGVQAISAALNAHANLNGR	AGAP006901-PB	N17(Deamidated),N15(Deamidated),N11(Deamidated)	65	3.47E-06	1	1878.981	1.36	Visceras	2L:-:39716449-39716393	exon=> In CDS Exon 9 of transcript AGAP006901-PB
JHU_Ag_7768	GYDPVFRLDSDDIQGIQTLYGTK	AGAP006904-PA	-	65	3.91E-06	1	2601.296	4.79	Ovary	2L:+:39832237-39832278,39832352-39832378	exon=> In CDS Exon 2 and 3 of transcript AGAP006904-PA
JHU_Ag_17875	LTENAVAEGYPK	AGAP006904-PA	-	60	1.60E-05	2	1291.651	-1.35	Malpighian tubule	2L:+:39832544-39832579	exon=> In CDS Exon 3 of transcript AGAP006904-PA
JHU_Ag_17889	AFGVWSEYTDLR	AGAP006904-PA	-	50	0.000139114	2	1443.695	3.12	Ovary	2L:+:39831925-39831960	exon=> In CDS Exon 2 of transcript AGAP006904-PA
JHU_Ag_38786	GTNLFQVAAHEFGHSLGLSHSDVR	AGAP006904-PA	-	45	0.000460866	1	2579.276	0.37	Midgut	2L:+:39832138-39832209	exon=> In CDS Exon 2 of transcript AGAP006904-PA
JHU_Ag_61859	EISEGFTGVPDHLDAAMVWGGNGK	AGAP006904-PA	N22(Deamidated)	70	1.16E-06	1	2488.143	-1.01	Midgut	2L:+:39832798-39832869	exon=> In CDS Exon 4 of transcript AGAP006904-PA
JHU_Ag_70124	LTENAVAEGYPK	AGAP006904-PA	-	100	1.97E-09	1	1291.652	-0.59	Midgut	2L:+:39832544-39832579	exon=> In CDS Exon 3 of transcript AGAP006904-PA
JHU_Ag_71203	LDSDDIQGIQTLYGTK	AGAP006904-PA	-	94	7.26E-09	2	1766.880	-0.19	Midgut	2L:+:39832258-39832278,39832352-39832378	exon=> In CDS Exon 2 and 3 of transcript AGAP006904-PA
JHU_Ag_79722	AFGVWSEYTDLR	AGAP006904-PA	-	95	4.05E-09	1	1443.689	-1.1	Midgut	2L:+:39831925-39831960	exon=> In CDS Exon 2 of transcript AGAP006904-PA
JHU_Ag_82081	SALMAPFYR	AGAP006904-PA	M4(Oxidation)	41	0.000805268	1	1071.529	-0.46	Midgut	2L:+:39832210-39832236	exon=> In CDS Exon 2 of transcript AGAP006904-PA
JHU_Ag_100178	IDAIFNTADGSTYAFK	AGAP006904-PA	-	98	2.66E-09	2	1733.838	0.15	Midgut	2L:+:39832478-39832525	exon=> In CDS Exon 3 of transcript AGAP006904-PA
JHU_Ag_104365	GTNLFQVAAHEFGHSLGLSHSDVR	AGAP006904-PA	-	33	0.006515373	1	2579.283	2.93	Malpighian tubule	2L:+:39832138-39832209	exon=> In CDS Exon 2 of transcript AGAP006904-PA
JHU_Ag_105549	ISDGWPGLPGNIDAAFTYK	AGAP006904-PA	-	42	0.000979873	2	2021.999	0.94	Midgut	2L:+:39832583-39832610,39832691-39832719	exon=> In CDS Exon 3 and 4 of transcript AGAP006904-PA
JHU_Ag_112298	TFTVDQSDPPFPRPTAHWWYGCK	AGAP006904-PA	C22(Carbamidomethyl)	68	1.96E-06	1	2793.283	-1.75	Malpighian tubule	2L:+:39833059-39833067,39833195-39833254	exon=> In CDS Exon 4 and 5 of transcript AGAP006904-PA
JHU_Ag_52595	FIYAPLR	AGAP006906-PA	-	29	0.003574752	2	879.509	0.26	Pupa	2L:+:39853855-39853875	exon=> In CDS Exon 3 of transcript AGAP006906-PA
JHU_Ag_101114	NICVEINPVSNQVLR	AGAP006906-PA	C3(Carbamidomethyl)	54	4.41E-05	2	1754.920	-0.94	Pupa	2L:+:39854277-39854321	exon=> In CDS Exon 4 of transcript AGAP006906-PA
JHU_Ag_2345	HPVVLEEIK	AGAP006907-PA	-	38	0.000741925	2	1063.616	1.38	Malpighian tubule	2L:+:39858344-39858370	exon=> In CDS Exon 3 of transcript AGAP006907-PA
JHU_Ag_2914	GVENPYELVSAR	AGAP006907-PA	-	80	1.77E-07	2	1333.674	-0.72	Midgut	2L:+:39856824-39856859	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_3804	DENLIDAILLGTKR	AGAP006907-PA	-	112	4.24E-11	1	1570.881	0.36	Midgut	2L:+:39857765-39857776,39858287-39858316	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA
JHU_Ag_12846	NICIELNPISNQVLK	AGAP006907-PA	C3(Carbamidomethyl)	120	7.49E-12	1	1754.951	2.19	Ovary	2L:+:39858377-39858421	exon=> In CDS Exon 3 of transcript AGAP006907-PA
JHU_Ag_23013	FPTFIAGFDLVGQEDLGRPHTDFNER	AGAP006907-PA	-	143	6.77E-14	1	2978.443	-0.01	Ovary	2L:+:39857618-39857695	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_24454	INESPLFR	AGAP006907-PA	-	47	0.000335682	2	975.525	-0.55	Ovary	2L:+:39856884-39856907	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_25450	LPAGINFFFHAGETNWTGR	AGAP006907-PA	-	52	0.000121137	1	2135.045	-0.35	Ovary	2L:+:39857705-39857761	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_28087	HFFEMLDRINESPLFR	AGAP006907-PA	-	47	0.000366415	1	2051.025	3.86	Malpighian tubule	2L:+:39856860-39856907	exon=> In CDS Exon 1 of transcript AGAP006907-PA

JHU_Ag_29204	GLLPPVYDLDDRK	AGAP006907-PA	-	42	0.000971516	1	1500.805	-0.43	Midgut	2L:+:39857346-39857360,39857429-39857452	exon=> In CDS Exon 1 and 2 of transcript AGAP006907-PA
JHU_Ag_39360	DENLIDAILLGTK	AGAP006907-PA	-	74	4.29E-07	2	1414.781	1.38	Malpighian tubule	2L:+:39857765-39857776,39858287-39858313	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA
JHU_Ag_39518	LVQDFR	AGAP006907-PA	-	40	0.001556574	2	777.426	0.39	Midgut	2L:+:39858422-39858439	exon=> In CDS Exon 3 of transcript AGAP006907-PA
JHU_Ag_41207	LPAGINFFFHAGETNWTGR	AGAP006907-PA	-	73	7.76E-07	1	2135.053	3.14	Midgut	2L:+:39857705-39857761	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_43604	DENLIDAILLGTK	AGAP006907-PA	-	92	6.23E-09	2	1414.781	1.29	Ovary	2L:+:39857765-39857776,39858287-39858313	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA
JHU_Ag_46335	ARPAYDEFCR	AGAP006907-PA	N-Term(Acetyl), C9(Carbamidomethyl)	59	8.78E-06	1	1326.589	-0.42	Malpighian tubule	2L:+:39856671-39856700	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_47447	GVENPYELVSAR	AGAP006907-PA	-	60	1.70E-05	2	1333.677	1.75	Malpighian tubule	2L:+:39856824-39856859	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_50412	ARFPTFIAGFDLVGQEDLGRPHTDFNER	AGAP006907-PA	-	67	2.87E-06	1	3205.579	-0.87	Midgut	2L:+:39857612-39857695	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_53414	HPVVLEEIK	AGAP006907-PA	-	34	0.001971323	1	1063.615	0.46	Ovary	2L:+:39858344-39858370	exon=> In CDS Exon 3 of transcript AGAP006907-PA
JHU_Ag_54416	LNQYVMHLK	AGAP006907-PA	M6(Oxidation)	48	0.000239975	1	1161.608	-0.49	Ovary	2L:+:39856779-39856805	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_60073	FPTFIAGFDLVGQEDLGRPHTDFNER	AGAP006907-PA	-	129	1.66E-12	1	2978.443	-0.09	Midgut	2L:+:39857618-39857695	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_60386	YTPEEIVQMYVDQSEK	AGAP006907-PA	M9(Oxidation)	79	1.52E-07	2	1974.896	-2.21	Midgut	2L:+:39857453-39857500	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_62717	FIYAPLK	AGAP006907-PA	-	34	0.000948287	1	851.502	-0.74	Midgut	2L:+:39857537-39857557	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_71602	IGHGFAAIK	AGAP006907-PA	-	29	0.005925728	1	913.525	-0.43	Midgut	2L:+:39858317-39858343	exon=> In CDS Exon 3 of transcript AGAP006907-PA
JHU_Ag_73940	DINDVWR	AGAP006907-PA	-	45	0.000426177	1	917.446	-1.63	Midgut	2L:+:39857202-39857222	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_74682	GVENPYELVSAR	AGAP006907-PA	-	59	2.13E-05	2	1333.673	-0.99	Ovary	2L:+:39856824-39856859	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_79932	ARPAYDEFCR	AGAP006907-PA	N-Term(Acetyl), C9(Carbamidomethyl)	49	0.000100301	2	1326.589	-0.7	Midgut	2L:+:39856671-39856700	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_80315	HPVVLEEIK	AGAP006907-PA	-	39	0.000619096	2	1063.614	-0.46	Midgut	2L:+:39858344-39858370	exon=> In CDS Exon 3 of transcript AGAP006907-PA
JHU_Ag_81588	MFTLYTTDPLNEHR	AGAP006907-PA	M1(Oxidation)	60	1.60E-05	2	1753.821	-0.21	Midgut	2L:+:39857160-39857201	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_87886	GLGANLVLSPSEQR	AGAP006907-PA	-	60	8.75E-06	2	1440.779	-1.29	Ovary	2L:+:39856737-39856778	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_91156	RDENLIDAILLGTK	AGAP006907-PA	-	71	6.29E-07	1	1570.878	-1.09	Ovary	2L:+:39857762-39857776,39858287-39858313	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA
JHU_Ag_94053	NICIELNPISNQVLK	AGAP006907-PA	C3(Carbamidomethyl)	97	1.63E-09	1	1754.951	2.26	Malpighian tubule	2L:+:39858377-39858421	exon=> In CDS Exon 3 of transcript AGAP006907-PA
JHU_Ag_96836	KYTPEEIVQMYVDQSEK	AGAP006907-PA	M10(Oxidation)	85	5.58E-08	1	2087.010	4.71	Midgut	2L:+:39857450-39857500	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_99373	RDENLIDAILLGTK	AGAP006907-PA	-	63	3.18E-06	2	1570.885	3.46	Malpighian tubule	2L:+:39857762-39857776,39858287-39858313	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA
JHU_Ag_100844	DENLIDAILLGTKR	AGAP006907-PA	-	34	0.002292935	3	1570.883	1.82	Malpighian tubule	2L:+:39857765-39857776,39858287-39858316	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA

JHU_Ag_103749	RDENLIDAILLGTK	AGAP006907-PA	-	73	2.80E-07	1	1570.886	3.93	Midgut	2L:+:39857762-39857776,39858287-39858313	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA
JHU_Ag_107894	DENLIDAILLGTK	AGAP006907-PA	-	88	1.72E-08	2	1414.778	-0.26	Midgut	2L:+:39857765-39857776,39858287-39858313	exon=> In CDS Exon 2 and 3 of transcript AGAP006907-PA
JHU_Ag_109042	GLGANLVLSPSEQR	AGAP006907-PA	-	45	0.0003077	2	1440.780	-0.61	Midgut	2L:+:39856737-39856778	exon=> In CDS Exon 1 of transcript AGAP006907-PA
JHU_Ag_109782	FCDDSTFDGYLTLVQTLK	AGAP006907-PA	C2(Carbamidomethyl)	132	8.74E-13	1	2122.998	-0.89	Ovary	2L:+:39857558-39857611	exon=> In CDS Exon 2 of transcript AGAP006907-PA
JHU_Ag_115515	FNYGTLLNEAIQR	AGAP006909-PA	-	97	2.71E-09	2	1538.805	5.85	Larva	2L:+:39893088-39893126	exon=> In CDS Exon 5 of transcript AGAP006909-PA
JHU_Ag_71836	APGNAVISPLSVK	AGAP006910-PA	-	45	0.000149535	1	1252.718	-6.75	Pupa	2L:+:39895259-39895297	exon=> In CDS Exon 3 of transcript AGAP006910-PA
JHU_Ag_1251	AGITINELGSEAYAATEIQLVNK	AGAP006911-PA	-	104	3.36E-10	2	2405.265	3.84	Head	2L:+:39899396-39899444,39899516-39899535	exon=> In CDS Exon 4 and 5 of transcript AGAP006911-PA
JHU_Ag_6288	FKFDFSEQLNEPLQQVGIR	AGAP006911-PA	-	105	3.77E-10	1	2295.184	3.25	Head	2L:+:39899182-39899226,39899294-39899305	exon=> In CDS Exon 3 and 4 of transcript AGAP006911-PA
JHU_Ag_7673	YQQIANTHYHAMLEK	AGAP006911-PA	M12(Oxidation)	83	8.92E-08	1	1862.890	2.61	Head	2L:+:39898690-39898734	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_18542	RELSSVIQNDNIDHTR	AGAP006911-PA	-	83	8.58E-08	1	1896.948	-2.51	Head	2L:+:39898534-39898581	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_22046	ELSSVIQNDNIDHTR	AGAP006911-PA	-	89	2.34E-08	1	1740.859	4.31	Larva	2L:+:39898537-39898581	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_22225	FKFDFSEQLNEPLQQVGIR	AGAP006911-PA	-	87	2.19E-08	1	2295.192	6.44	Larva	2L:+:39899182-39899226,39899294-39899305	exon=> In CDS Exon 3 and 4 of transcript AGAP006911-PA
JHU_Ag_23196	ILLTLIYEASDTSFGNAVSNTKR	AGAP006911-PA	-	42	0.000434833	3	2513.339	5.68	Pupa	2L:+:39898468-39898536	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_26559	VSYSNPTQTAATINNWVSEHTNGR	AGAP006911-PA	N15(Deamidated),N14(Deamidated),N22(Deamidated)	134	5.40E-13	1	2648.240	2.37	Pupa	2L:+:39898735-39898806	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_27398	QLLESAQQDNK	AGAP006911-PA	-	39	0.001974763	2	1273.636	-1.6	Pupa	2L:+:39898594-39898626	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_31118	EIVTPDSLEGAVITLVNVIYFK	AGAP006911-PA	-	75	9.44E-08	2	2420.334	0.67	Pupa	2L:+:39898813-39898878	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_31799	FKFDFSEQLNEPLQQVGIR	AGAP006911-PA	-	116	3.07E-11	1	2295.184	3.09	Pupa	2L:+:39899182-39899226,39899294-39899305	exon=> In CDS Exon 3 and 4 of transcript AGAP006911-PA
JHU_Ag_44684	LAMYFILPNPDNTVNQVLDR	AGAP006911-PA	M3(Oxidation)	56	2.99E-05	2	2349.202	4.73	Larva	2L:+:39899050-39899109	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_45223	FDFSEQLNEPLQQVGIR	AGAP006911-PA	Q6(Deamidated)	92	1.03E-08	1	2020.005	-4.01	Head	2L:+:39899188-39899226,39899294-39899305	exon=> In CDS Exon 3 and 4 of transcript AGAP006911-PA
JHU_Ag_51377	VSYSNPTQTAATINNWVSEHTNGR	AGAP006911-PA	-	142	1.01E-13	1	2647.257	2.65	Malpighian tubule	2L:+:39898735-39898806	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_52961	QNEFDLMFVK	AGAP006911-PA	M7(Oxidation)	52	7.27E-05	1	1286.611	2.05	Larva	2L:+:39898316-39898345	exon=> In CDS Exon 2 of transcript AGAP006911-PA
JHU_Ag_56778	VSYSNPTQTAATINNWVSEHTNGR	AGAP006911-PA	-	76	3.45E-07	1	2647.260	4.03	Ovary	2L:+:39898735-39898806	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_57831	VSYSNPTQTAATINNWVSEHTNGR	AGAP006911-PA	-	68	2.35E-06	3	2647.249	-0.19	Visceras	2L:+:39898735-39898806	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_59292	LAMYFILPNPDNTVNQVLDR	AGAP006911-PA	M3(Oxidation)	67	2.68E-06	1	2349.198	3.08	Pupa	2L:+:39899050-39899109	exon=> In CDS Exon 3 of transcript AGAP006911-PA

JHU_Ag_60399	ELSSVIQNDNIDHTR	AGAP006911-PA	-	100	1.72E-09	1	1740.853	1.09	Pupa	2L:+:39898537-39898581	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_68998	NHNSNVVLSPFSVK	AGAP006911-PA	-	74	4.22E-07	1	1541.807	-0.2	Head	2L:+:39898426-39898467	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_69295	YQQIANTHYHAMLEK	AGAP006911-PA	M12(Oxidation)	70	1.78E-06	2	1862.894	4.38	Larva	2L:+:39898690-39898734	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_76627	QNEFDLMFVK	AGAP006911-PA	M7(Oxidation)	55	3.32E-05	1	1286.610	0.91	Pupa	2L:+:39898316-39898345	exon=> In CDS Exon 2 of transcript AGAP006911-PA
JHU_Ag_80675	QNEFDLMFVK	AGAP006911-PA	M7(Oxidation)	34	0.004269355	2	1286.610	1.1	Head	2L:+:39898316-39898345	exon=> In CDS Exon 2 of transcript AGAP006911-PA
JHU_Ag_88354	FDFSEQLNEPLQQVGIR	AGAP006911-PA	Q6(Deamidated)	46	0.000393188	2	2021.012	7.1	Larva	2L:+:39899188-39899226,39899294-39899305	exon=> In CDS Exon 3 and 4 of transcript AGAP006911-PA
JHU_Ag_89084	VSYSNPTQTAATINNWVSEHTNGR	AGAP006911-PA	-	121	1.21E-11	1	2647.254	1.75	Head	2L:+:39898735-39898806	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_93563	GLWTYPFPEVANNVKPFYGTR	AGAP006911-PA	N13(Deamidated),N12(Deamidated)	50	0.000130725	1	2456.244	1.67	Pupa	2L:+:39898879-39898941	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_93845	GLWTYPFPEVANNVKPFYGTR	AGAP006911-PA	-	38	0.002010796	1	2456.249	3.53	Head	2L:+:39898879-39898941	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_94445	FDFSEQLNEPLQQVGIR	AGAP006911-PA	-	85	5.13E-08	2	2020.021	3.54	Pupa	2L:+:39899188-39899226,39899294-39899305	exon=> In CDS Exon 3 and 4 of transcript AGAP006911-PA
JHU_Ag_102601	YQQIANTHYHAMLEK	AGAP006911-PA	M12(Oxidation)	66	4.05E-06	1	1862.884	-0.73	Pupa	2L:+:39898690-39898734	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_113019	VSYSNPTQTAATINNWVSEHTNGR	AGAP006911-PA	N15(Deamidated),N14(Deamidated),N22(Deamidated)	119	2.05E-11	1	2648.254	7.69	Larva	2L:+:39898735-39898806	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_114941	AGITINELGSEAYAATEIQLVNK	AGAP006911-PA	-	151	7.61E-15	2	2405.264	3.53	Pupa	2L:+:39899396-39899444,39899516-39899535	exon=> In CDS Exon 4 and 5 of transcript AGAP006911-PA
JHU_Ag_117083	NHNSNVVLSPFSVK	AGAP006911-PA	-	55	3.92E-05	1	1541.806	-0.44	Pupa	2L:+:39898426-39898467	exon=> In CDS Exon 3 of transcript AGAP006911-PA
JHU_Ag_80987	IPSYGTHRPLWPR	AGAP006915-PA	-	38	0.001693447	1	1579.847	-1.23	Salivary gland	2L:+:39992512-39992522,39992604-39992631	exon=> In CDS Exon 2 and 3 of transcript AGAP006915-PA
JHU_Ag_1594	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	77	2.35E-07	1	1361.635	3.35	Malpighian tubule	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_2534	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	81	9.40E-08	1	1361.632	1.1	Head	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_3389	VVTKDTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	26	0.009688338	1	2968.592	1.29	Midgut	2L:-:39996900-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_3845	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	84	4.80E-08	1	2186.081	2.1	Malpighian tubule	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_4286	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	113	6.17E-11	1	2186.080	1.43	Visceras	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_4324	TCAQEFTQYANCLDK	AGAP006918-PA	C2(Carbamidomethyl),C12(Carbamidomethyl)	100	6.00E-10	1	1848.789	-0.36	Head	2L:-:39996515-39996471	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_7732	DTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	54	4.88E-05	2	2541.309	0.29	Head	2L:-:39996888-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_9621	VHATERPPPPKK	AGAP006918-PA	-	53	3.78E-05	1	1356.774	-0.45	Visceras	2L:-:39996288-39996253	exon=> In CDS Exon 3 of transcript AGAP006918-PA

JHU_Ag_9700	CVLDNMDLERPDYGYFCR	AGAP006918-PA	C1(Carbamidomethyl), C17(Carbamidomethyl),"C1(Carbamidomethyl), M6(Oxidation), C17(Carbamidomethyl)"	101	5.96E-10	1	2323.002	3.36	Visceras	2L:-:39996348-39996295	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_13082	YCEAQNNEFMLCR	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation), C12(Carbamidomethyl)"	90	1.69E-09	2	1750.701	1.62	Head	2L:-:39996795-39996903,39996445-39996603	exon=> In CDS Exon 2 and 1 of transcript AGAP006918-PA
JHU_Ag_15497	AGAFHLGK	AGAP006918-PA	-	47	0.000130975	1	800.441	-0.53	Midgut	2L:-:39996819-39996796	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_16367	YCEAQNNEFMLCR	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation), C12(Carbamidomethyl)"	111	2.30E-11	1	1734.702	-0.94	Midgut	2L:-:39996795-39996903,39996445-39996603	exon=> In CDS Exon 2 and 1 of transcript AGAP006918-PA
JHU_Ag_19828	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	81	9.00E-08	1	1361.632	0.93	Pupa	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_20652	TCAQEFTQYANCLDKSSGDLNFK	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	112	6.94E-11	1	2697.203	4.01	Malpighian tubule	2L:-:39996515-39996447	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_21746	EKAVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	100	1.26E-09	1	2443.223	3.54	Malpighian tubule	2L:-:39996252-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_23022	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	76	2.83E-07	1	1361.631	0.21	Salivary gland	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_23821	VHATERPPPPKK	AGAP006918-PA	-	45	0.000217901	1	1356.776	1.17	Midgut	2L:-:39996288-39996253	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_28230	AVTNCAFEFFRK	AGAP006918-PA	C5(Carbamidomethyl)	90	1.41E-08	2	1489.729	2.16	Malpighian tubule	2L:-:39996560-39996525	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_30180	SSGDLNFK	AGAP006918-PA	-	57	2.00E-05	2	867.420	-1.07	Visceras	2L:-:39996470-39996447	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_31165	TCAQEFTQYANCLDK	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	123	3.11E-12	1	1848.792	1.35	Midgut	2L:-:39996515-39996471	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_34541	VHATERPPPPKK	AGAP006918-PA	-	72	4.55E-07	1	1356.775	0.54	Head	2L:-:39996288-39996253	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_35828	AKVHATERPPPPK	AGAP006918-PA	-	69	8.69E-07	1	1427.812	0.31	Malpighian tubule	2L:-:39996294-39996256	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_38003	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	80	1.15E-07	1	2186.078	0.61	Ovary	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_42512	YCEAQNNEFMLCR	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation), C12(Carbamidomethyl)"	106	7.20E-11	1	1734.709	3.21	Malpighian tubule	2L:-:39996795-39996903,39996445-39996603	exon=> In CDS Exon 2 and 1 of transcript AGAP006918-PA
JHU_Ag_45657	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	55	3.82E-05	2	1361.635	3.44	Larva	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_47590	SSGDLNFK	AGAP006918-PA	-	37	0.002135905	1	867.419	-1.82	Head	2L:-:39996470-39996447	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_47925	CVLDNMDLERPDYGYFCR	AGAP006918-PA	C1(Carbamidomethyl), M6(Oxidation), C17(Carbamidomethyl)	40	0.000545151	1	2338.998	3.84	Head	2L:-:39996348-39996295	exon=> In CDS Exon 3 of transcript AGAP006918-PA

JHU_Ag_52432	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	68	1.99E-06	1	2186.077	0.09	Salivary gland	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_52751	VHATERPPPPKK	AGAP006918-PA	-	74	2.73E-07	1	1356.777	1.53	Malpighian tubule	2L:-:39996288-39996253	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_58050	KTCAQEFTQYANCLDK	AGAP006918-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	105	3.41E-10	1	1976.890	2.83	Visceras	2L:-:39996518-39996471	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_64209	TCAQEFTQYANCLDK	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	123	3.08E-12	1	1848.790	0.69	Salivary gland	2L:-:39996515-39996471	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_66647	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	83	4.83E-08	1	1361.631	0.3	Midgut	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_66897	VHATERPPPPK	AGAP006918-PA	-	54	3.93E-05	1	1228.680	0.59	Visceras	2L:-:39996288-39996256	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_68658	SSGDLNFK	AGAP006918-PA	-	52	7.00E-05	2	867.421	-0.22	Midgut	2L:-:39996470-39996447	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_73952	DTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	95	3.98E-09	2	2541.305	-1.35	Midgut	2L:-:39996888-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_74206	AGAFHLGK	AGAP006918-PA	-	55	2.38E-05	2	800.442	0.99	Malpighian tubule	2L:-:39996819-39996796	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_77247	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	56	2.78E-05	1	2186.083	3.04	Pupa	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_87338	DTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	103	6.33E-10	1	2541.314	2.3	Malpighian tubule	2L:-:39996888-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_88206	SSGDLNFK	AGAP006918-PA	-	46	0.000226988	1	867.423	2.61	Malpighian tubule	2L:-:39996470-39996447	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_89993	AGAFHLGK	AGAP006918-PA	-	67	1.32E-06	2	800.443	1.83	Visceras	2L:-:39996819-39996796	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_93110	DTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	80	1.27E-07	1	2541.308	-0.1	Ovary	2L:-:39996888-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_95570	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	96	3.41E-09	1	2186.075	-0.92	Midgut	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_95673	VVTKDTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	63	1.90E-06	1	2968.599	3.63	Malpighian tubule	2L:-:39996900-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_95905	VHATERPPPPK	AGAP006918-PA	-	39	0.001365377	1	1228.681	0.63	Malpighian tubule	2L:-:39996288-39996256	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_97185	TQGVYDKCVLDNMDLERPDYGYFCR	AGAP006918-PA	C8(Carbamidomethyl), M13(Oxidation), C24(Carbamidomethyl),"C8(Carbamidomethyl), C24(Carbamidomethyl)"	113	3.27E-11	1	3130.372	0.49	Malpighian tubule	2L:-:39996369-39996295	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_99181	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	77	2.27E-07	1	1361.632	1.28	Ovary	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_99353	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	68	2.12E-06	1	2186.079	1.09	Male reproductive organs	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_100028	AVTNCAFEFFR	AGAP006918-PA	C5(Carbamidomethyl)	93	6.00E-09	1	1361.635	3.17	Visceras	2L:-:39996560-39996528	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_100780	YCEAQNNEFMLCR	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation), C12(Carbamidomethyl)"	115	1.00E-11	1	1734.706	1.59	Visceras	2L:-:39996795-39996903,39996445-39996603	exon=> In CDS Exon 2 and 1 of transcript AGAP006918-PA
JHU_Ag_101267	KTCAQEFTQYANCLDK	AGAP006918-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	36	0.002800052	1	1976.879	-2.82	Midgut	2L:-:39996518-39996471	exon=> In CDS Exon 2 of transcript AGAP006918-PA

JHU_Ag_102575	AVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	94	4.81E-09	1	2186.079	1.09	Head	2L:-:39996246-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_103096	EKAVYPDATPGLPEDYPRPEAK	AGAP006918-PA	-	114	5.74E-11	1	2443.218	1.75	Visceras	2L:-:39996252-39996187	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_103283	AVTNCAFEFFRK	AGAP006918-PA	C5(Carbamidomethyl)	48	0.000222378	1	1489.730	2.65	Visceras	2L:-:39996560-39996525	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_105067	CVLDNMDLERPDYGYFCR	AGAP006918-PA	C1(Carbamidomethyl), C17(Carbamidomethyl),"C 1(Carbamidomethyl), M6(Oxidation), C17(Carbamidomethyl)"	118	8.73E-12	1	2322.991	-1.14	Midgut	2L:-:39996348-39996295	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_106320	TCAQEFTQYANCLDK	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	108	1.04E-10	1	1848.795	3.01	Visceras	2L:-:39996515-39996471	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_107178	DTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	75	3.61E-07	1	2541.322	5.44	Visceras	2L:-:39996888-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_109996	AGAFHLGK	AGAP006918-PA	-	46	0.000188014	2	800.441	-0.99	Male reproductive organs	2L:-:39996819-39996796	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_111267	VHATERPPPPK	AGAP006918-PA	-	79	1.42E-07	1	1228.681	0.79	Head	2L:-:39996288-39996256	exon=> In CDS Exon 3 of transcript AGAP006918-PA
JHU_Ag_113962	TCAQEFTQYANCLDK	AGAP006918-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	104	2.63E-10	1	1848.797	4.39	Malpighian tubule	2L:-:39996515-39996471	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_115181	DTFLPTEEELTVPEINLSGPALR	AGAP006918-PA	-	42	0.000670515	2	2541.321	5.09	Larva	2L:-:39996888-39996820	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_115823	AGAFHLGK	AGAP006918-PA	-	67	1.39E-06	2	800.441	-0.3	Head	2L:-:39996819-39996796	exon=> In CDS Exon 1 of transcript AGAP006918-PA
JHU_Ag_117562	SSGDLNFK	AGAP006918-PA	-	43	0.000585261	1	867.420	-0.43	Ovary	2L:-:39996470-39996447	exon=> In CDS Exon 2 of transcript AGAP006918-PA
JHU_Ag_76985	LNPFAAAIR	AGAP006921-PA	-	51	0.000105752	2	972.562	-0.91	Salivary gland	2L:+:40028213-40028239	exon=> In CDS Exon 8 of transcript AGAP006921-PA
JHU_Ag_99816	LRDLSELVSK	AGAP006921-PA,AGAP006921-PB	-	40	0.000731458	1	1159.668	0.08	Salivary gland	2L:+:40026686-40026715;2L:+:40026686-40026715	exon=> In CDS Exon 4 of transcript AGAP006921-PA;exon=> In CDS Exon 4 of transcript AGAP006921-PB
JHU_Ag_113285	SLTIMHQFPLHK	AGAP006921-PA,AGAP006921-PB	M5(Oxidation)	44	0.000421065	1	1467.779	1.01	Head	2L:+:40026246-40026281;2L:+:40026246-40026281	exon=> In CDS Exon 3 of transcript AGAP006921-PA;exon=> In CDS Exon 3 of transcript AGAP006921-PB
JHU_Ag_87833	LSEVQVK	AGAP006923-PA	Q5(Deamidated)	36	0.004276263	2	803.450	-0.57	Pupa	2L:-:40044866-40045090,40044234-40044774	exon=> In CDS Exon 3 and 2 of transcript AGAP006923-PA
JHU_Ag_32417	SLAGQSAVVFGGCGGMGMAIGQHLLR	AGAP006926-PA	N-Term(Acetyl), C13(Carbamidomethyl), M16(Oxidation), M18(Oxidation)	136	3.93E-13	1	2648.277	0.9	Male reproductive organs	2L:-:40079698-40079621	exon=> In CDS Exon 1 of transcript AGAP006926-PA
JHU_Ag_62878	HGLIGFTR	AGAP006926-PA	-	41	0.000939893	2	900.505	0.48	Head	2L:-:40079078-40079055	exon=> In CDS Exon 3 of transcript AGAP006926-PA
JHU_Ag_88155	ESGRDALILCK	AGAP006926-PA	C10(Carbamidomethyl)	54	5.74E-05	1	1261.657	0.34	Male reproductive organs	2L:-:40079473-40079441	exon=> In CDS Exon 2 of transcript AGAP006926-PA
JHU_Ag_95030	SLGVEPVYSETGVK	AGAP006926-PA	-	70	1.23E-06	1	1464.758	0.16	Male reproductive organs	2L:-:40079054-40079219,40078817-40078942	exon=> In CDS Exon 4 and 3 of transcript AGAP006926-PA
JHU_Ag_103570	KLCIVDVVELTDSNLSCLK	AGAP006926-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	40	0.001167632	3	2206.152	2.89	Male reproductive organs	2L:-:40079530-40079474	exon=> In CDS Exon 2 of transcript AGAP006926-PA
JHU_Ag_104091	DALILCK	AGAP006926-PA	C6(Carbamidomethyl)	53	0.000104896	1	832.462	2.61	Male reproductive organs	2L:-:40079461-40079441	exon=> In CDS Exon 2 of transcript AGAP006926-PA
JHU_Ag_106788	FIIICPGGTR	AGAP006926-PA	C5(Carbamidomethyl)	52	7.37E-05	1	1133.614	-0.05	Male reproductive organs	2L:-:40078941-40078912	exon=> In CDS Exon 4 of transcript AGAP006926-PA

JHU_Ag_18603	GSYSYLDAENKLQTVAYTADALNGFR	AGAP006931-PA	Q13(Deamidated),N23(Deamidated),N10(Deamidated)	76	3.21E-07	1	2867.384	-0.31	Pupa	2L:+:40110975-40111052	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_57032	LQTVAYTADALNGFR	AGAP006931-PA	Q2(Deamidated),N12(Deamidated),N12(Deamidated)	131	1.22E-12	1	1640.830	1.27	Pupa	2L:+:40111008-40111052	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_61111	GSYSYLDAENK	AGAP006931-PA	-	83	3.02E-08	1	1246.557	-1.18	Pupa	2L:+:40110975-40111007	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_83326	TAPEPVQDTPEVAAAK	AGAP006931-PA	Q7(Deamidated)	90	1.61E-08	1	1623.821	-1.11	Pupa	2L:+:40111095-40111142	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_90449	ADHMAAIEEAK	AGAP006931-PA	-	63	4.15E-06	1	1185.557	-0.2	Pupa	2L:+:40111143-40111175	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_96725	VAASNLPVAPVETR	AGAP006931-PA	N5(Deamidated)	101	4.80E-10	1	1423.792	1.13	Pupa	2L:+:40111053-40111094	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_111519	SFDGITR	AGAP006931-PA	-	48	0.000290412	2	795.399	-0.53	Pupa	2L:+:40110954-40110974	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_117736	SQPVDIAAELPEPVQDTPEVAK	AGAP006931-PA	-	79	1.50E-07	1	2333.184	-1.33	Pupa	2L:+:40111566-40111631	exon=> In CDS Exon 1 of transcript AGAP006931-PA
JHU_Ag_12079	GNIGQPQQQQQGGAGGAGGGQR	AGAP006935-PA,AGAP006935-PC	-	148	2.56E-14	1	2050.979	1.48	Ovary	2L:-:40150746-40150887,40150462-40150582;2L:-:40150746-40150887,40150462-40150582	exon=> In CDS Exon 5 and 4 of transcript AGAP006935-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP006935-PC
JHU_Ag_13719	KLNTETFGVGSTR	AGAP006935-PA,AGAP006935-PC	-	89	1.49E-08	2	1409.741	1.61	Malpighian tubule	2L:-:40148960-40148922;2L:-:40148960-40148922	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_13775	GNIGQPQQQQQGGAGGAGGGQR	AGAP006935-PA,AGAP006935-PC	-	55	4.89E-05	1	2050.978	1	Visceras	2L:-:40150746-40150887,40150462-40150582;2L:-:40150746-40150887,40150462-40150582	exon=> In CDS Exon 5 and 4 of transcript AGAP006935-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP006935-PC
JHU_Ag_14033	SGTPSNMLSR	AGAP006935-PA,AGAP006935-PC	M7(Oxidation)	48	0.000217876	1	1065.504	4.17	Ovary	2L:-:40151286-40151257;2L:-:40151286-40151257	exon=> In CDS Exon 3 of transcript AGAP006935-PA;exon=> In CDS Exon 4 of transcript AGAP006935-PC
JHU_Ag_15987	SFFDNISCEAVER	AGAP006935-PA,AGAP006935-PC	C8(Carbamidomethyl)	110	7.28E-11	2	1573.703	4.91	Malpighian tubule	2L:-:40149041-40149003;2L:-:40149041-40149003	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_16687	GGWNNNRNHQNQNNGGNAIMR	AGAP006935-PA,AGAP006935-PC	M20(Oxidation)	36	0.002628595	1	2382.067	2.37	Malpighian tubule	2L:-:40150818-40150756;2L:-:40150818-40150756	exon=> In CDS Exon 4 of transcript AGAP006935-PA;exon=> In CDS Exon 5 of transcript AGAP006935-PC
JHU_Ag_16844	GNIGQPQQQQQGGAGGAGGGQR	AGAP006935-PA,AGAP006935-PC	-	142	1.09E-13	1	2050.982	2.79	Malpighian tubule	2L:-:40150746-40150887,40150462-40150582;2L:-:40150746-40150887,40150462-40150582	exon=> In CDS Exon 5 and 4 of transcript AGAP006935-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP006935-PC

JHU_Ag_18519	GNIGQPQQQQQGGAGGAGGGQR	AGAP006935-PA,AGAP006935-PC	-	102	9.15E-10	1	2050.978	1	Head	2L:-:40150746-40150887,40150462-40150582;2L:-:40150746-40150887,40150462-40150582	exon=> In CDS Exon 5 and 4 of transcript AGAP006935-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP006935-PC
JHU_Ag_26180	FENDYDFEQANSKFEELR	AGAP006935-PA,AGAP006935-PC	-	51	8.36E-05	1	2281.011	2.74	Malpighian tubule	2L:-:40150563-40150510;2L:-:40150563-40150510	exon=> In CDS Exon 5 of transcript AGAP006935-PA;exon=> In CDS Exon 6 of transcript AGAP006935-PC
JHU_Ag_27222	SFFDNISCEAVER	AGAP006935-PA,AGAP006935-PC	C8(Carbamidomethyl)	104	2.87E-10	2	1573.696	0.8	Visceras	2L:-:40149041-40149003;2L:-:40149041-40149003	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_29178	PEIGSCISLISK	AGAP006935-PA,AGAP006935-PC	C6(Carbamidomethyl)	46	0.000377681	2	1303.697	3.46	Ovary	2L:-:40154195-40154160;2L:-:40154195-40154160	exon=> In CDS Exon 1 of transcript AGAP006935-PA;exon=> In CDS Exon 1 of transcript AGAP006935-PC
JHU_Ag_29976	FENDYDFEQANSK	AGAP006935-PA,AGAP006935-PC	-	105	1.42E-10	1	1606.671	3.06	Ovary	2L:-:40150563-40150525;2L:-:40150563-40150525	exon=> In CDS Exon 5 of transcript AGAP006935-PA;exon=> In CDS Exon 6 of transcript AGAP006935-PC
JHU_Ag_30332	SYGTEDRETQFPIAPQNQCYDYILFR	AGAP006935-PA,AGAP006935-PC	C19(Carbamidomethyl)	74	5.36E-07	1	3211.498	5.95	Malpighian tubule	2L:-:40153475-40153398;2L:-:40153475-40153398	exon=> In CDS Exon 2 of transcript AGAP006935-PA;exon=> In CDS Exon 2 of transcript AGAP006935-PC
JHU_Ag_31719	LNTETFGVGSTR	AGAP006935-PA,AGAP006935-PC	-	87	3.23E-08	2	1281.648	3.96	Ovary	2L:-:40148957-40148922;2L:-:40148957-40148922	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_34025	SGTPSNMLSR	AGAP006935-PA,AGAP006935-PC	M7(Oxidation)	54	5.02E-05	1	1065.501	1.42	Malpighian tubule	2L:-:40151286-40151257;2L:-:40151286-40151257	exon=> In CDS Exon 3 of transcript AGAP006935-PA;exon=> In CDS Exon 4 of transcript AGAP006935-PC
JHU_Ag_34608	YEGLLFTVDPER	AGAP006935-PA,AGAP006935-PC	-	64	5.74E-06	2	1438.724	1.55	Head	2L:-:40154147-40154112;2L:-:40154147-40154112	exon=> In CDS Exon 1 of transcript AGAP006935-PA;exon=> In CDS Exon 1 of transcript AGAP006935-PC
JHU_Ag_38143	CTIALAR	AGAP006935-PA,AGAP006935-PC	C1(Carbamidomethyl)	38	0.002579882	2	804.443	3.65	Ovary	2L:-:40154111-40154091;2L:-:40154111-40154091	exon=> In CDS Exon 1 of transcript AGAP006935-PA;exon=> In CDS Exon 1 of transcript AGAP006935-PC
JHU_Ag_40541	SFFDNISCEAVER	AGAP006935-PA,AGAP006935-PC	C8(Carbamidomethyl)	96	1.62E-09	2	1573.697	0.87	Ovary	2L:-:40149041-40149003;2L:-:40149041-40149003	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_41572	LNTETFGVGSTR	AGAP006935-PA,AGAP006935-PC	-	78	2.42E-07	2	1281.640	-2.52	Head	2L:-:40148957-40148922;2L:-:40148957-40148922	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_43506	QQHQQHQGQQQGQQQGGGQNR	AGAP006935-PA,AGAP006935-PC	-	101	1.07E-09	1	2385.104	5.82	Ovary	2L:-:40150881-40150819;2L:-:40150881-40150819	exon=> In CDS Exon 4 of transcript AGAP006935-PA;exon=> In CDS Exon 5 of transcript AGAP006935-PC

JHU_Ag_46922	KDDSGNETGAGEHEQEEEDVICYDK	AGAP006935-PA,AGAP006935-PC	C22(Carbamidomethyl)	136	4.85E-14	1	2854.154	-1.89	Head	2L:-:40149122-40149048;2L:-:40149122-40149048	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_50082	VINNNPVPNDPAIMQMHLPPQQPPQMPMPNK	AGAP006935-PA,AGAP006935-PC	M14(Oxidation), M16(Oxidation), M26(Oxidation), M28(Oxidation)	93	5.72E-09	1	3551.699	2.41	Ovary	2L:-:40153373-40153281;2L:-:40153373-40153281	exon=> In CDS Exon 2 of transcript AGAP006935-PA;exon=> In CDS Exon 2 of transcript AGAP006935-PC
JHU_Ag_50967	ADIRYEGLLFTVDPER	AGAP006935-PA,AGAP006935-PC	-	36	0.002816072	1	1893.982	6.1	Malpighian tubule	2L:-:40154159-40154112;2L:-:40154159-40154112	exon=> In CDS Exon 1 of transcript AGAP006935-PA;exon=> In CDS Exon 1 of transcript AGAP006935-PC
JHU_Ag_55330	YEGLLFTVDPER	AGAP006935-PA,AGAP006935-PC	-	50	0.000165322	2	1438.727	4.01	Salivary gland	2L:-:40154147-40154112;2L:-:40154147-40154112	exon=> In CDS Exon 1 of transcript AGAP006935-PA;exon=> In CDS Exon 1 of transcript AGAP006935-PC
JHU_Ag_57453	LNTETFGVGSTR	AGAP006935-PA,AGAP006935-PC	N2(Deamidated)	84	5.87E-08	2	1281.648	3.39	Malpighian tubule	2L:-:40148957-40148922;2L:-:40148957-40148922	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_59683	SGGQQQNASGNNANAGGQQQSNQLTSTAPASQDQQQPAVIEVAAGK	AGAP006935-PA,AGAP006935-PC	-	186	2.39E-18	1	4536.158	5.44	Ovary	2L:-:40148682-40148827,40148202-40148205;2L:-:40148682-40148827,40148202-40148205	exon=> In CDS Exon 8 and 7 of transcript AGAP006935-PA;exon=> In CDS Exon 9 and 8 of transcript AGAP006935-PC
JHU_Ag_65316	KLNTETFGVGSTR	AGAP006935-PA,AGAP006935-PC	-	94	4.68E-09	2	1409.741	2.13	Ovary	2L:-:40148960-40148922;2L:-:40148960-40148922	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_73993	YEGLLFTVDPER	AGAP006935-PA,AGAP006935-PC	-	71	1.19E-06	1	1438.727	4.09	Ovary	2L:-:40154147-40154112;2L:-:40154147-40154112	exon=> In CDS Exon 1 of transcript AGAP006935-PA;exon=> In CDS Exon 1 of transcript AGAP006935-PC
JHU_Ag_74509	KLNTETFGVGSTR	AGAP006935-PA,AGAP006935-PC	N3(Deamidated)	33	0.007226086	2	1410.723	0.13	Head	2L:-:40148960-40148922;2L:-:40148960-40148922	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_78945	ETQFPIAPQNQCYDYILFR	AGAP006935-PA,AGAP006935-PC	C12(Carbamidomethyl)	115	5.21E-11	1	2403.149	2.15	Ovary	2L:-:40153454-40153398;2L:-:40153454-40153398	exon=> In CDS Exon 2 of transcript AGAP006935-PA;exon=> In CDS Exon 2 of transcript AGAP006935-PC
JHU_Ag_83287	VGEELKPEQITTETLDKK	AGAP006935-PA,AGAP006935-PC	-	76	1.83E-07	1	2058.103	2.91	Ovary	2L:-:40150488-40150614,40148914-40149120;2L:-:40150488-40150614,40148914-40149120	exon=> In CDS Exon 6 and 5 of transcript AGAP006935-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006935-PC
JHU_Ag_83417	VGEELKPEQITTETLDK	AGAP006935-PA,AGAP006935-PC	-	100	1.14E-09	1	1930.007	2.98	Ovary	2L:-:40150488-40150614,40148914-40149123;2L:-:40150488-40150614,40148914-40149123	exon=> In CDS Exon 6 and 5 of transcript AGAP006935-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006935-PC

JHU_Ag_85273	FENDYDFEQANSK	AGAP006935-PA,AGAP006935-PC	-	41	0.00035245	1	1606.672	3.97	Salivary gland	2L:-:40150563-40150525;2L:-:40150563-40150525	exon=> In CDS Exon 5 of transcript AGAP006935-PA;exon=> In CDS Exon 6 of transcript AGAP006935-PC
JHU_Ag_86938	SFFDNISCEAVER	AGAP006935-PA,AGAP006935-PC	C8(Carbamidomethyl)	63	3.56E-06	2	1573.703	4.75	Head	2L:-:40149041-40149003;2L:-:40149041-40149003	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_87286	FENDYDFEQANSKFEELR	AGAP006935-PA,AGAP006935-PC	-	136	2.75E-13	1	2281.016	5.15	Ovary	2L:-:40150563-40150510;2L:-:40150563-40150510	exon=> In CDS Exon 5 of transcript AGAP006935-PA;exon=> In CDS Exon 6 of transcript AGAP006935-PC
JHU_Ag_89542	ADIRYEGLLFTVDPER	AGAP006935-PA,AGAP006935-PC	-	62	7.17E-06	1	1893.979	4.27	Ovary	2L:-:40154159-40154112;2L:-:40154159-40154112	exon=> In CDS Exon 1 of transcript AGAP006935-PA;exon=> In CDS Exon 1 of transcript AGAP006935-PC
JHU_Ag_91954	SYGTEDRETQFPIAPQNQCYDYILFR	AGAP006935-PA,AGAP006935-PC	C19(Carbamidomethyl)	159	1.66E-15	1	3211.492	3.9	Ovary	2L:-:40153475-40153398;2L:-:40153475-40153398	exon=> In CDS Exon 2 of transcript AGAP006935-PA;exon=> In CDS Exon 2 of transcript AGAP006935-PC
JHU_Ag_101638	SYGTEDRETQFPIAPQNQCYDYILFR	AGAP006935-PA,AGAP006935-PC	C19(Carbamidomethyl)	63	5.82E-06	1	3211.483	1.27	Visceras	2L:-:40153475-40153398;2L:-:40153475-40153398	exon=> In CDS Exon 2 of transcript AGAP006935-PA;exon=> In CDS Exon 2 of transcript AGAP006935-PC
JHU_Ag_103948	VGEELKPEQITTETLDK	AGAP006935-PA,AGAP006935-PC	-	91	8.44E-09	1	1930.001	-0.31	Malpighian tubule	2L:-:40150488-40150614,40148914-40149123;2L:-:40150488-40150614,40148914-40149123	exon=> In CDS Exon 6 and 5 of transcript AGAP006935-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP006935-PC
JHU_Ag_108355	KDDSGNETGAGEHEQEEEDVICYDK	AGAP006935-PA,AGAP006935-PC	C22(Carbamidomethyl)	172	1.84E-17	1	2854.182	8.05	Ovary	2L:-:40149122-40149048;2L:-:40149122-40149048	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_111632	DDSGNETGAGEHEQEEEDVICYDK	AGAP006935-PA,AGAP006935-PC	C21(Carbamidomethyl)	171	1.14E-17	1	2726.073	3.28	Ovary	2L:-:40149119-40149048;2L:-:40149119-40149048	exon=> In CDS Exon 6 of transcript AGAP006935-PA;exon=> In CDS Exon 7 of transcript AGAP006935-PC
JHU_Ag_113521	GTDIKDIR	AGAP006935-PA,AGAP006935-PC	-	47	0.000355368	2	917.507	2.52	Malpighian tubule	2L:-:40153397-40153374;2L:-:40153397-40153374	exon=> In CDS Exon 2 of transcript AGAP006935-PA;exon=> In CDS Exon 2 of transcript AGAP006935-PC
JHU_Ag_1781	DGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	112	6.37E-11	1	1653.735	1.35	Visceras	2L:+:40159396-40159440;2L:+:40159396-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_2771	GMLDSLDHASVR	AGAP006936-PA,AGAP006936-PB	M2(Oxidation)	76	2.85E-07	1	1316.627	0.64	Pupa	2L:+:40159228-40159263;2L:+:40159228-40159263	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_3321	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	-	81	9.58E-08	1	1855.855	2.56	Pupa	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_3685	NLVGVSHTEAEAKAEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	141	9.88E-14	1	2380.213	1.26	Malpighian tubule	2L:+:40159330-40159395;2L:+:40159330-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB

JHU_Ag_4835	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	74	4.39E-07	2	1354.698	1.11	Salivary gland	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_5118	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	104	5.66E-10	1	2034.958	1	Head	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_5905	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	113	7.90E-11	1	2034.959	1.72	Visceras	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_11669	FIAYRNLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	70	1.22E-06	1	2005.050	-0.35	Head	2L:+:40159315-40159368;2L:+:40159315-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_12208	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	94	4.77E-09	1	1354.697	0.48	Midgut	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_13737	AEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	66	2.92E-06	1	1044.534	1.71	Malpighian tubule	2L:+:40159369-40159395;2L:+:40159369-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_15240	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	93	8.92E-09	1	2034.961	2.56	Pupa	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_15750	HGGEDYLFALLTGYCDAPAGVVLR	AGAP006936-PA,AGAP006936-PB	C15(Carbamidomethyl)	114	6.93E-11	1	2594.284	4.99	Salivary gland	2L:+:40159543-40159614;2L:+:40159543-40159614	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_18022	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated)	56	4.20E-05	2	1877.946	3.43	Larva	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_19645	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated),N3(Deamidated)	136	4.21E-13	1	1877.944	2.26	Malpighian tubule	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_19884	AEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	71	1.05E-06	1	1044.531	-0.97	Head	2L:+:40159369-40159395;2L:+:40159369-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_21139	GMLDSLDHASVR	AGAP006936-PA,AGAP006936-PB	M2(Oxidation)	96	3.48E-09	1	1300.628	-2.88	Midgut	2L:+:40159228-40159263;2L:+:40159228-40159263	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_21171	ISFHPK	AGAP006936-PA,AGAP006936-PB	-	35	0.001876695	2	728.409	-0.29	Head	2L:+:40159964-40159981;2L:+:40159964-40159981	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_24160	GMLDSLDHASVR	AGAP006936-PA,AGAP006936-PB	M2(Oxidation)	100	1.26E-09	1	1316.625	-1.02	Visceras	2L:+:40159228-40159263;2L:+:40159228-40159263	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_26110	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	N1(Deamidated)	101	9.42E-10	1	1354.690	-4.39	Head	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_28572	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	-	90	1.31E-08	1	1855.849	-0.59	Head	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_31939	DVSTFLVWAAEPYHDERK	AGAP006936-PA,AGAP006936-PB	-	85	5.15E-08	1	2163.056	2.48	Visceras	2L:+:40159814-40159867;2L:+:40159814-40159867	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_34275	GMLDSLDHASVR	AGAP006936-PA,AGAP006936-PB	M2(Oxidation)	78	1.92E-07	2	1316.627	0.09	Male reproductive organs	2L:+:40159228-40159263;2L:+:40159228-40159263	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB

JHU_Ag_35355	DVSTFLVWAAEPYHDERK	AGAP006936-PA,AGAP006936-PB	-	92	1.26E-08	1	2163.058	3.58	Malpighian tubule	2L:+:40159814-40159867;2L:+:40159814-40159867	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_38222	HGGEDYLFALLTGYCDAPAGVVLR	AGAP006936-PA,AGAP006936-PB	C15(Carbamidomethyl)	89	2.18E-08	1	2594.280	3.35	Visceras	2L:+:40159543-40159614;2L:+:40159543-40159614	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_40768	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	99	2.31E-09	1	2034.962	3.28	Malpighian tubule	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_44137	RGYEVYK	AGAP006936-PA,AGAP006936-PB	-	32	0.004969616	2	914.473	0.34	Head	2L:+:40159264-40159284;2L:+:40159264-40159284	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_44393	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	N11(Deamidated)	99	1.57E-09	1	1855.846	-2.17	Midgut	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_45648	SVGIIMILGALSYYIK	AGAP006936-PA,AGAP006936-PB	M6(Oxidation)	124	1.70E-12	2	1756.991	-0.32	Midgut	2L:+:40159883-40159930;2L:+:40159883-40159930	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_46012	KISFHPK	AGAP006936-PA,AGAP006936-PB	-	37	0.001061064	1	856.504	0.11	Malpighian tubule	2L:+:40159961-40159981;2L:+:40159961-40159981	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_46446	DGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	105	2.67E-10	1	1669.729	1.02	Pupa	2L:+:40159396-40159440;2L:+:40159396-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_47639	SVGIIMILGALSYYIK	AGAP006936-PA,AGAP006936-PB	M6(Oxidation)	73	2.17E-07	1	1756.996	2.48	Ovary	2L:+:40159883-40159930;2L:+:40159883-40159930	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_48987	AEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	71	1.05E-06	1	1044.533	0.43	Pupa	2L:+:40159369-40159395;2L:+:40159369-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_52128	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	-	98	1.79E-09	1	1855.852	1.45	Malpighian tubule	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_52752	HGGEDYLFALLTGYCDAPAGVVLR	AGAP006936-PA,AGAP006936-PB	C15(Carbamidomethyl)	158	2.84E-15	1	2594.280	3.51	Midgut	2L:+:40159543-40159614;2L:+:40159543-40159614	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_54725	NLVGVSHTEAEAKAEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	172	7.74E-17	1	2380.203	-3.28	Midgut	2L:+:40159330-40159395;2L:+:40159330-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_57036	GMLDSLDHASVR	AGAP006936-PA,AGAP006936-PB	M2(Oxidation)	111	1.10E-10	1	1300.630	-0.82	Head	2L:+:40159228-40159263;2L:+:40159228-40159263	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_59726	SVGIIMILGALSYYIK	AGAP006936-PA,AGAP006936-PB	M6(Oxidation)	112	1.81E-11	2	1741.004	4.33	Visceras	2L:+:40159883-40159930;2L:+:40159883-40159930	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_61907	NLVGVSHTEAEAKAEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	169	1.40E-16	1	2380.219	3.8	Salivary gland	2L:+:40159330-40159395;2L:+:40159330-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_62325	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	-	70	1.10E-06	1	1855.849	-0.53	Salivary gland	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_62371	SVGIIMILGALSYYIKR	AGAP006936-PA,AGAP006936-PB	M6(Oxidation)	58	2.04E-06	1	1897.104	3.2	Visceras	2L:+:40159883-40159933;2L:+:40159883-40159933	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB

JHU_Ag_63376	DGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	114	2.44E-11	1	1669.721	-3.73	Midgut	2L:+:40159396-40159440;2L:+:40159396-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_63955	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	89	1.93E-08	1	2034.960	2.26	Salivary gland	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_64792	DGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	116	2.79E-11	1	1653.738	3.13	Head	2L:+:40159396-40159440;2L:+:40159396-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_65512	DGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	87	1.68E-08	1	1669.734	3.87	Male reproductive organs	2L:+:40159396-40159440;2L:+:40159396-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_65737	DVSTFLVWAAEPYHDERK	AGAP006936-PA,AGAP006936-PB	-	92	1.16E-08	1	2163.050	-0.39	Midgut	2L:+:40159814-40159867;2L:+:40159814-40159867	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_66854	SVGIIMILGALSYYIKR	AGAP006936-PA,AGAP006936-PB	M6(Oxidation)	75	7.85E-08	1	1913.091	-0.81	Midgut	2L:+:40159883-40159933;2L:+:40159883-40159933	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_66947	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	76	3.11E-07	1	1354.694	-1.87	Ovary	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_67516	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	120	1.58E-11	1	2034.956	0.1	Midgut	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_67543	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	88	1.77E-08	1	1354.702	4.17	Larva	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_67844	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated),N3(Deamidated),"N3(Deamidated), N4(Deamidated)"	132	1.10E-12	1	1877.942	1.7	Visceras	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_69939	AEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	55	4.14E-05	1	1044.531	-0.67	Visceras	2L:+:40159369-40159395;2L:+:40159369-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_70263	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	81	8.18E-08	1	1354.695	-0.61	Visceras	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_70753	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	63	8.80E-06	1	2034.955	-0.3	Ovary	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_73205	DGPDEAGNYFMRPGKLSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	99	1.07E-09	1	3506.552	-2.01	Malpighian tubule	2L:+:40159396-40159488;2L:+:40159396-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_73585	GMLDSLDHASVR	AGAP006936-PA,AGAP006936-PB	M2(Oxidation)	101	9.99E-10	1	1300.635	2.37	Malpighian tubule	2L:+:40159228-40159263;2L:+:40159228-40159263	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_73592	HGGEDYLFALLTGYCDAPAGVVLR	AGAP006936-PA,AGAP006936-PB	C15(Carbamidomethyl)	57	3.60E-05	3	2594.277	2.31	Ovary	2L:+:40159543-40159614;2L:+:40159543-40159614	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_73718	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated),N3(Deamidated),"N3(Deamidated), N4(Deamidated)"	97	3.51E-09	1	1876.957	0.83	Head	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_74714	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	-	53	6.83E-05	1	1855.855	2.83	Male reproductive organs	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB

JHU_Ag_78761	NLVGVSHTEAEAKAEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	140	1.27E-13	1	2380.212	0.8	Head	2L:+:40159330-40159395;2L:+:40159330-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_80907	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	97	2.60E-09	1	1354.702	4.08	Male reproductive organs	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_83925	DGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	38	0.001213 64	1	1669.731	1.75	Ovary	2L:+:40159396-40159440;2L:+:40159396-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_83943	DGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M11(Oxidation)	107	1.64E-10	1	1653.735	1.43	Malpighian tubule	2L:+:40159396-40159440;2L:+:40159396-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_84854	GMLDSLDHASVR	AGAP006936-PA,AGAP006936-PB	M2(Oxidation)	64	5.56E-06	1	1316.635	6.21	Salivary gland	2L:+:40159228-40159263;2L:+:40159228-40159263	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_85255	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	-	87	2.48E-08	1	1855.856	3.42	Visceras	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_86396	DVSTFLVWAAEPYHDERK	AGAP006936-PA,AGAP006936-PB	-	80	1.54E-07	1	2163.051	0.37	Head	2L:+:40159814-40159867;2L:+:40159814-40159867	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_87187	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	102	7.59E-10	1	1354.700	2.55	Malpighian tubule	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_91495	AEAEEIQVRDGPDEAGNYFMRPGK	AGAP006936-PA,AGAP006936-PB	M20(Oxidation)	149	1.68E-14	1	2695.249	2.51	Malpighian tubule	2L:+:40159369-40159440;2L:+:40159369-40159440	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_92282	NLVGVSHTEAEAKAEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	176	3.58E-17	1	2380.213	1.26	Visceras	2L:+:40159330-40159395;2L:+:40159330-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_95615	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated)	53	9.50E-05	1	1877.945	3.17	Salivary gland	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_96618	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated),N3(Deamidated)	105	5.34E-10	1	1877.934	-2.81	Midgut	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_99130	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	50	0.000165 446	2	2034.965	4.48	Larva	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_99149	HGGEDYLFALLTGYCDAPAGVVLR	AGAP006936-PA,AGAP006936-PB	C15(Carbamidomethyl)	94	7.16E-09	1	2594.273	0.9	Malpighian tubule	2L:+:40159543-40159614;2L:+:40159543-40159614	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_99648	NLVGVSHTEAEAK	AGAP006936-PA,AGAP006936-PB	-	97	2.28E-09	1	1354.698	1.02	Pupa	2L:+:40159330-40159368;2L:+:40159330-40159368	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_105365	DVSTFLVWAAEPYHDERK	AGAP006936-PA,AGAP006936-PB	-	55	5.53E-05	1	2163.062	5.36	Male reproductive organs	2L:+:40159814-40159867;2L:+:40159814-40159867	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_106076	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated),N3(Deamidated),"N3(Deamidated), N4(Deamidated)"	84	7.79E-08	1	1877.945	2.98	Pupa	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_108929	HKWAALK	AGAP006936-PA,AGAP006936-PB	-	24	0.005252 523	1	853.505	1.29	Malpighian tubule	2L:+:40159934-40159954;2L:+:40159934-40159954	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB

JHU_Ag_110658	NLVGVSHTEAEAKAEAEEIQVR	AGAP006936-PA,AGAP006936-PB	-	120	1.22E-11	1	2380.209	-0.43	Male reproductive organs	2L:+:40159330-40159395;2L:+:40159330-40159395	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_111651	ISFHPK	AGAP006936-PA,AGAP006936-PB	-	32	0.003268 54	2	728.411	2.98	Visceras	2L:+:40159964-40159981;2L:+:40159964-40159981	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_114074	AANNGAYPPDLSYIALAR	AGAP006936-PA,AGAP006936-PB	N4(Deamidated),N3(Deamidated)	76	4.88E-07	1	1877.938	-0.47	Male reproductive organs	2L:+:40159489-40159542;2L:+:40159489-40159542	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_115177	DVSTFLVWAAEPYHDER	AGAP006936-PA,AGAP006936-PB	-	94	5.88E-09	1	2034.950	-2.6	Male reproductive organs	2L:+:40159814-40159864;2L:+:40159814-40159864	exon=> In CDS Exon 4 of transcript AGAP006936-PA;exon=> In CDS Exon 4 of transcript AGAP006936-PB
JHU_Ag_115336	LSDYFPSPYPNEEAAR	AGAP006936-PA,AGAP006936-PB	-	56	3.10E-05	1	1855.847	-1.38	Ovary	2L:+:40159441-40159488;2L:+:40159441-40159488	exon=> In CDS Exon 3 of transcript AGAP006936-PA;exon=> In CDS Exon 3 of transcript AGAP006936-PB
JHU_Ag_409	ASSGVVVPR	AGAP006937-PA	N-Term(Acetyl)	74	3.13E-07	2	913.510	-0.56	Male reproductive organs	2L:-:40164938-40164941,40164214-40164346	exon=> In CDS Exon 2 and 1 of transcript AGAP006937-PA
JHU_Ag_30294	ININCINSQNGVVDHR	AGAP006937-PA	C5(Carbamidomethyl),N10(Deamidated),C5(Carbamidomethyl)	101	1.18E-09	1	1853.895	1.17	Ovary	2L:-:40164034-40164124,40163771-40163900	exon=> In CDS Exon 4 and 3 of transcript AGAP006937-PA
JHU_Ag_33510	LLEELEAGQK	AGAP006937-PA	-	62	1.03E-05	1	1129.608	-2.17	Midgut	2L:-:40164336-40164307	exon=> In CDS Exon 2 of transcript AGAP006937-PA
JHU_Ag_35255	LLEELEAGQK	AGAP006937-PA	-	64	5.56E-06	2	1129.608	-2.02	Pupa	2L:-:40164336-40164307	exon=> In CDS Exon 2 of transcript AGAP006937-PA
JHU_Ag_39082	LLEELEAGQK	AGAP006937-PA	-	71	1.29E-06	2	1129.609	-0.72	Male reproductive organs	2L:-:40164336-40164307	exon=> In CDS Exon 2 of transcript AGAP006937-PA
JHU_Ag_49540	ASSGVVVPR	AGAP006937-PA	N-Term(Acetyl)	68	1.42E-06	2	913.512	2.24	Malpighian tubule	2L:-:40164938-40164941,40164214-40164346	exon=> In CDS Exon 2 and 1 of transcript AGAP006937-PA
JHU_Ag_56410	ININCINSQNGVVDHR	AGAP006937-PA	C5(Carbamidomethyl),N10(Deamidated)	59	2.28E-05	1	1853.890	-1.1	Midgut	2L:-:40164034-40164124,40163771-40163900	exon=> In CDS Exon 4 and 3 of transcript AGAP006937-PA
JHU_Ag_67693	ININCINSQNGVVDHR	AGAP006937-PA	C5(Carbamidomethyl)	116	3.48E-11	1	1852.908	-0.24	Malpighian tubule	2L:-:40164034-40164124,40163771-40163900	exon=> In CDS Exon 4 and 3 of transcript AGAP006937-PA
JHU_Ag_69174	ININCINSQNGVVDHR	AGAP006937-PA	C5(Carbamidomethyl)	45	0.000466 145	2	1852.915	3.85	Visceras	2L:-:40164034-40164124,40163771-40163900	exon=> In CDS Exon 4 and 3 of transcript AGAP006937-PA
JHU_Ag_96610	ASSGVVVPR	AGAP006937-PA	N-Term(Acetyl)	40	0.000853 286	2	913.509	-0.9	Ovary	2L:-:40164938-40164941,40164214-40164346	exon=> In CDS Exon 2 and 1 of transcript AGAP006937-PA
JHU_Ag_98459	ININCINSQNGVVDHR	AGAP006937-PA	C5(Carbamidomethyl)	110	1.38E-10	1	1852.912	1.8	Head	2L:-:40164034-40164124,40163771-40163900	exon=> In CDS Exon 4 and 3 of transcript AGAP006937-PA
JHU_Ag_104537	ASSGVVVPR	AGAP006937-PA	N-Term(Acetyl)	51	5.72E-05	1	913.509	-1.02	Head	2L:-:40164938-40164941,40164214-40164346	exon=> In CDS Exon 2 and 1 of transcript AGAP006937-PA
JHU_Ag_104982	ININCINSQNGVVDHR	AGAP006937-PA	C5(Carbamidomethyl),N10(Deamidated),C5(Carbamidomethyl)	66	4.00E-06	2	1853.897	2.33	Male reproductive organs	2L:-:40164034-40164124,40163771-40163900	exon=> In CDS Exon 4 and 3 of transcript AGAP006937-PA
JHU_Ag_113362	ASSGVVVPR	AGAP006937-PA	N-Term(Acetyl)	49	9.84E-05	1	913.509	-1.42	Midgut	2L:-:40164938-40164941,40164214-40164346	exon=> In CDS Exon 2 and 1 of transcript AGAP006937-PA

JHU_Ag_114845	ASSGVVVPR	AGAP006937-PA	N-Term(Acetyl)	48	0.000126998	2	913.512	2.24	Visceras	2L:-:40164938-40164941,40164214-40164346	exon=> In CDS Exon 2 and 1 of transcript AGAP006937-PA
JHU_Ag_114916	IECGERYPDEPPTLK	AGAP006937-PA	C3(Carbamidomethyl)	40	0.001373528	1	1803.857	-0.57	Male reproductive organs	2L:-:40164091-40164047	exon=> In CDS Exon 3 of transcript AGAP006937-PA
JHU_Ag_117623	LLEELEAGQK	AGAP006937-PA	-	71	1.40E-06	1	1129.612	1.87	Malpighian tubule	2L:-:40164336-40164307	exon=> In CDS Exon 2 of transcript AGAP006937-PA
JHU_Ag_10333	LIVVTPSNSAAYLITER	AGAP006939-PA	-	67	8.98E-07	2	1847.030	1.6	Ovary	2L:+:40174266-40174316	exon=> In CDS Exon 3 of transcript AGAP006939-PA
JHU_Ag_66209	LIVVTPSNSAAYLITER	AGAP006939-PA	-	48	7.18E-05	2	1847.036	4.91	Malpighian tubule	2L:+:40174266-40174316	exon=> In CDS Exon 3 of transcript AGAP006939-PA
JHU_Ag_86806	IGSVEEFQGQER	AGAP006939-PA	-	44	0.000616562	2	1378.655	-3.69	Ovary	2L:+:40175253-40175288	exon=> In CDS Exon 3 of transcript AGAP006939-PA
JHU_Ag_93116	TVTIVELIHQLIANVPSAR	AGAP006939-PA	-	29	0.000843167	2	2074.211	4.45	Ovary	2L:+:40174209-40174265	exon=> In CDS Exon 3 of transcript AGAP006939-PA
JHU_Ag_98709	STFGDVLVTESGLR	AGAP006939-PA	-	94	6.45E-09	2	1480.765	0.29	Ovary	2L:+:40174446-40174487	exon=> In CDS Exon 3 of transcript AGAP006939-PA
JHU_Ag_64067	TADLLSQSELFDR	AGAP006941-PA	-	48	0.000269028	2	1494.744	0.6	Ovary	2L:-:40181221-40181183	exon=> In CDS Exon 2 of transcript AGAP006941-PA
JHU_Ag_115619	SKPLTLYGLIR	AGAP006941-PA	-	29	0.001651746	2	1260.773	4.37	Ovary	2L:-:40180942-40180910	exon=> In CDS Exon 2 of transcript AGAP006941-PA
JHU_Ag_2483	LIITNCSLVPLK	AGAP006942-PA	C6(Carbamidomethyl)	71	2.93E-07	1	1370.810	1.44	Ovary	2L:+:40187109-40187144	exon=> In CDS Exon 4 of transcript AGAP006942-PA
JHU_Ag_6909	DFPDKFAEVIR	AGAP006942-PA	-	50	0.000140182	1	1336.691	0.71	Male reproductive organs	2L:+:40187568-40187600	exon=> In CDS Exon 6 of transcript AGAP006942-PA
JHU_Ag_7294	NAITGFVGVLVK	AGAP006942-PA	-	56	6.28E-06	2	1217.730	3.58	Salivary gland	2L:+:40184280-40184315	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_7717	GMLEAIVNESEKSVR	AGAP006942-PA	-	49	0.000221512	1	1661.856	2.15	Malpighian tubule	2L:+:40184235-40184279	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_8872	ELSLTTIAATASAAK	AGAP006942-PA	-	91	4.64E-09	2	1447.804	2.88	Salivary gland	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_11097	ALPAEEFAVYFGR	AGAP006942-PA	-	61	1.05E-05	2	1469.743	0.13	Midgut	2L:+:40186566-40186604	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_13269	ALSAFAEQDSYK	AGAP006942-PA	-	69	1.41E-06	2	1329.633	0.61	Male reproductive organs	2L:+:40184643-40184678	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_14329	IVETMLESVR	AGAP006942-PA	-	69	1.65E-06	2	1176.630	0.18	Ovary	2L:+:40185840-40185869	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_14597	DAVFNCIVDVLNGK	AGAP006942-PA	C6(Carbamidomethyl)	82	9.75E-08	2	1563.785	1.08	Salivary gland	2L:+:40186419-40186460	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_14934	ALPAEEFAVYFGR	AGAP006942-PA	-	53	5.78E-05	2	1469.744	1.04	Pupa	2L:+:40186566-40186604	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_18864	IVETMLESVR	AGAP006942-PA	M5(Oxidation)	57	3.23E-05	2	1192.628	3.01	Malpighian tubule	2L:+:40185840-40185869	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_20062	FIEAFDILENLADESSR	AGAP006942-PA	-	150	1.59E-14	1	1968.962	3.34	Ovary	2L:+:40184679-40184729	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_21092	SNTVYGLGEMVK	AGAP006942-PA	M10(Oxidation)	64	4.15E-06	2	1313.643	1.98	Malpighian tubule	2L:+:40186883-40186918	exon=> In CDS Exon 3 of transcript AGAP006942-PA
JHU_Ag_23547	NLLVADNDLIQQATAELK	AGAP006942-PA	-	149	6.63E-15	1	1969.064	2.09	Ovary	2L:+:40183740-40183775,40184052-40184069	exon=> In CDS Exon 1 and 2 of transcript AGAP006942-PA
JHU_Ag_24757	FIEAFDILENLADESSR	AGAP006942-PA	-	78	2.36E-07	1	1968.955	-0.25	Malpighian tubule	2L:+:40184679-40184729	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_26476	ELSLTTIAATASAAK	AGAP006942-PA	-	58	1.12E-05	2	1447.809	5.83	Larva	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_27322	GMLEAIVNESEK	AGAP006942-PA	-	45	0.000528463	2	1319.654	2.27	Ovary	2L:+:40184235-40184270	exon=> In CDS Exon 2 of transcript AGAP006942-PA

JHU_Ag_31089	ILVVGLQVLCK	AGAP006942-PA	C10(Carbamidomethyl)	31	0.000467642	2	1241.771	4.53	Ovary	2L:+:40187367-40187399	exon=> In CDS Exon 5 of transcript AGAP006942-PA
JHU_Ag_33285	TITFIGWLVR	AGAP006942-PA	-	58	4.56E-06	2	1205.709	3.63	Ovary	2L:+:40184817-40184846	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_37635	NAITGFVGVLVK	AGAP006942-PA	-	42	0.000180426	2	1217.725	-0.53	Malpighian tubule	2L:+:40184280-40184315	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_40344	ELSLTTIAATASAAK	AGAP006942-PA	-	90	7.17E-09	2	1447.804	2.46	Head	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_40922	ELSLTTIAATASAAK	AGAP006942-PA	-	84	2.69E-08	2	1447.804	2.37	Visceras	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_41605	ELSLTTIAATASAAK	AGAP006942-PA	-	85	2.35E-08	2	1447.802	0.86	Ovary	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_42285	TITFIGWLVR	AGAP006942-PA	-	71	2.42E-07	2	1205.709	4.24	Salivary gland	2L:+:40184817-40184846	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_45000	EQHAGTLDNLCGALAR	AGAP006942-PA	C11(Carbamidomethyl)	62	9.08E-06	2	1725.834	0.29	Ovary	2L:+:40187061-40187108	exon=> In CDS Exon 4 of transcript AGAP006942-PA
JHU_Ag_48480	TDDEDICTLRPQAIDTFAALVR	AGAP006942-PA	C7(Carbamidomethyl)	79	1.90E-07	1	2520.243	1.02	Ovary	2L:+:40185609-40185674	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_48936	LIITNCSLVPLK	AGAP006942-PA	C6(Carbamidomethyl)	44	0.000130564	2	1370.812	3.4	Salivary gland	2L:+:40187109-40187144	exon=> In CDS Exon 4 of transcript AGAP006942-PA
JHU_Ag_52507	AFAIGVLAECFEGLK	AGAP006942-PA	C10(Carbamidomethyl)	52	8.05E-05	2	1624.842	0.72	Male reproductive organs	2L:+:40186760-40186804	exon=> In CDS Exon 3 of transcript AGAP006942-PA
JHU_Ag_54627	SGGKEPPHIDR	AGAP006942-PA	-	63	8.03E-06	1	1192.610	2.79	Malpighian tubule	2L:+:40185351-40185383	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_57009	ALPAEEFAVYFGR	AGAP006942-PA	-	67	2.58E-06	1	1469.749	4.78	Malpighian tubule	2L:+:40186566-40186604	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_59565	NLLVADNDLIQQATAELK	AGAP006942-PA	-	112	4.13E-11	2	1969.062	0.91	Head	2L:+:40183740-40183775,40184052-40184069	exon=> In CDS Exon 1 and 2 of transcript AGAP006942-PA
JHU_Ag_59741	DAVFNCIVDVLNGK	AGAP006942-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), N12(Deamidated)"	73	7.75E-07	2	1564.770	1.62	Male reproductive organs	2L:+:40186419-40186460	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_60520	EQHAGTLDNLCGALAR	AGAP006942-PA	C11(Carbamidomethyl)	76	3.22E-07	1	1725.838	2.27	Malpighian tubule	2L:+:40187061-40187108	exon=> In CDS Exon 4 of transcript AGAP006942-PA
JHU_Ag_61007	LFESLDTR	AGAP006942-PA	-	56	3.81E-05	2	980.504	-0.41	Ovary	2L:+:40185462-40185485	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_62452	SNTVYGLGEMVK	AGAP006942-PA	M10(Oxidation)	59	1.66E-05	1	1313.639	-1.09	Ovary	2L:+:40186883-40186918	exon=> In CDS Exon 3 of transcript AGAP006942-PA
JHU_Ag_65177	QEIEQTYQDSIPYVLK	AGAP006942-PA	-	39	0.001665509	2	1953.990	4.84	Head	2L:+:40184595-40184642	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_66859	DAVFNCIVDVLNGK	AGAP006942-PA	C6(Carbamidomethyl)	95	4.73E-09	2	1563.789	3.27	Ovary	2L:+:40186419-40186460	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_67168	ALSAFAEQDSYK	AGAP006942-PA	-	71	8.96E-07	2	1329.633	0.7	Ovary	2L:+:40184643-40184678	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_73695	GITDENVMIR	AGAP006942-PA	M8(Oxidation)	51	0.000115738	2	1163.577	3.87	Malpighian tubule	2L:+:40185198-40185227	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_75088	NLLVADNDLIQQATAELK	AGAP006942-PA	-	119	7.27E-12	1	1969.068	3.89	Malpighian tubule	2L:+:40183740-40183775,40184052-40184069	exon=> In CDS Exon 1 and 2 of transcript AGAP006942-PA
JHU_Ag_76192	ALSAFAEQDSYK	AGAP006942-PA	-	89	1.34E-08	2	1329.631	-0.95	Midgut	2L:+:40184643-40184678	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_77737	ALPAEEFAVYFGR	AGAP006942-PA	-	56	2.97E-05	2	1469.743	0.71	Male reproductive organs	2L:+:40186566-40186604	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_80461	NAITGFVGVLVK	AGAP006942-PA	-	63	1.42E-06	2	1217.725	-0.23	Male reproductive organs	2L:+:40184280-40184315	exon=> In CDS Exon 2 of transcript AGAP006942-PA

JHU_Ag_81802	NAITGFVGVLVK	AGAP006942-PA	-	69	3.00E-07	1	1217.729	3.38	Ovary	2L:+:40184280-40184315	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_83838	NAITGFVGVLVK	AGAP006942-PA	-	56	6.81E-06	2	1217.727	1.18	Head	2L:+:40184280-40184315	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_94977	TDDEDICTLRPQAIDTFAALVR	AGAP006942-PA	C7(Carbamidomethyl)	77	2.79E-07	1	2520.244	1.68	Head	2L:+:40185609-40185674	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_95191	FIEAFDILENLADESSR	AGAP006942-PA	-	122	8.61E-12	2	1968.959	1.98	Midgut	2L:+:40184679-40184729	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_95300	LFESLDTR	AGAP006942-PA	-	50	0.000143952	2	980.505	-0.28	Male reproductive organs	2L:+:40185462-40185485	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_97883	KPETIPQLCEICVTNTDPQVR	AGAP006942-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	51	9.83E-05	1	2498.240	0.66	Ovary	2L:+:40184082-40184144	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_98055	ELSLTTIAATASAAK	AGAP006942-PA	-	64	2.57E-06	2	1447.801	0.43	Male reproductive organs	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_99628	DFPDKFAEVIR	AGAP006942-PA	-	64	6.49E-06	1	1336.690	0.44	Ovary	2L:+:40187568-40187600	exon=> In CDS Exon 6 of transcript AGAP006942-PA
JHU_Ag_100136	GITDENVMIR	AGAP006942-PA	M8(Oxidation)	56	4.34E-05	2	1163.572	-0.43	Male reproductive organs	2L:+:40185198-40185227	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_101761	TDDEDICTLRPQAIDTFAALVR	AGAP006942-PA	C7(Carbamidomethyl)	57	3.14E-05	1	2520.252	4.8	Malpighian tubule	2L:+:40185609-40185674	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_104122	LIITNCSLVPLK	AGAP006942-PA	C6(Carbamidomethyl)	47	6.02E-05	2	1370.813	3.84	Malpighian tubule	2L:+:40187109-40187144	exon=> In CDS Exon 4 of transcript AGAP006942-PA
JHU_Ag_110275	ALPAEEFAVYFGR	AGAP006942-PA	-	44	0.000467352	1	1469.747	2.87	Visceras	2L:+:40186566-40186604	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_112256	LSEIIR	AGAP006942-PA	-	34	0.003849015	2	730.446	0.06	Pupa	2L:+:40186302-40186319	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_112355	ALPAEEFAVYFGR	AGAP006942-PA	-	71	1.03E-06	2	1469.745	1.54	Ovary	2L:+:40186566-40186604	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_112713	LIITNCSLVPLK	AGAP006942-PA	C6(Carbamidomethyl)	52	2.45E-05	2	1370.808	0.46	Male reproductive organs	2L:+:40187109-40187144	exon=> In CDS Exon 4 of transcript AGAP006942-PA
JHU_Ag_114236	EVPAETQALIKK	AGAP006942-PA	-	50	6.07E-05	2	1326.767	3.35	Malpighian tubule	2L:+:40184199-40184234	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_115529	SSAEAAEFVQTLSLQ	AGAP006942-PA	-	40	0.001792721	2	1580.779	-1	Ovary	2L:+:40187601-40187645	exon=> In CDS Exon 6 of transcript AGAP006942-PA
JHU_Ag_115539	ELSLTTIAATASAAK	AGAP006942-PA	-	50	6.92E-05	2	1447.809	5.83	Malpighian tubule	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_116841	ELSLTTIAATASAAK	AGAP006942-PA	-	101	5.10E-10	2	1447.801	0.52	Midgut	2L:+:40185504-40185548	exon=> In CDS Exon 2 of transcript AGAP006942-PA
JHU_Ag_4019	YTAGTRPMEVYLK	AGAP006943-PA	M8(Oxidation)	37	0.003143757	1	1544.781	2.35	Male reproductive organs	2L:-:40191162-40191124	exon=> In CDS Exon 2 of transcript AGAP006943-PA
JHU_Ag_45558	LALLVVPLVPLQIVLPLAISK	AGAP006943-PA	-	56	1.74E-07	1	2209.465	-0.41	Midgut	2L:-:40191225-40191163	exon=> In CDS Exon 2 of transcript AGAP006943-PA
JHU_Ag_71083	AGFAACDAVTSLK	AGAP006943-PA	C6(Carbamidomethyl)	47	0.000300592	2	1310.642	0.41	Midgut	2L:-:40191294-40191256	exon=> In CDS Exon 2 of transcript AGAP006943-PA
JHU_Ag_89620	AGFAACDAVTSLK	AGAP006943-PA	C6(Carbamidomethyl)	49	0.000198462	2	1310.642	0.88	Salivary gland	2L:-:40191294-40191256	exon=> In CDS Exon 2 of transcript AGAP006943-PA
JHU_Ag_97719	LLWAPIVDSLFWK	AGAP006943-PA	-	40	0.000556409	2	1587.894	0.33	Midgut	2L:-:40191939-40191901	exon=> In CDS Exon 2 of transcript AGAP006943-PA
JHU_Ag_2564	SVIHALQQTLDYDIILSAQK	AGAP006944-PA	-	53	2.34E-05	1	2256.230	2.7	Pupa	2L:+:40193932-40193964,40194027-40194053	exon=> In CDS Exon 2 and 3 of transcript AGAP006944-PA
JHU_Ag_3768	ANVLATLK	AGAP006944-PA	-	36	0.002620028	2	829.515	1.31	Malpighian tubule	2L:+:40193830-40193853	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_4779	LRDFIENYNFSPIQVLQQR	AGAP006944-PA	-	86	1.86E-08	1	2380.250	3.84	Salivary gland	2L:+:40194228-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA

JHU_Ag_5087	LNMKPDEAECWIVNLIR	AGAP006944-PA	M3(Oxidation), C10(Carbamidomethyl)	73	8.07E-07	1	2117.059	3.17	Salivary gland	2L:+:40194720-40194770	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_7666	LGHVVMGTQPLSPYQQLVEKIDSLSVR	AGAP006944-PA	M6(Oxidation)	85	1.58E-08	1	3010.610	2.16	Ovary	2L:+:40194804-40194884	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_7973	LRDFIENYNFSPIQVLQQR	AGAP006944-PA	-	96	1.90E-09	1	2380.248	2.92	Pupa	2L:+:40194228-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_10249	SEALTLLVER	AGAP006944-PA	-	76	3.06E-07	2	1130.640	-1.38	Midgut	2L:+:40194885-40194914	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_17627	SVIHALQQTLDYDIILSAQK	AGAP006944-PA	-	35	0.0017124	1	2256.226	1.07	Midgut	2L:+:40193932-40193964,40194027-40194053	exon=> In CDS Exon 2 and 3 of transcript AGAP006944-PA
JHU_Ag_22747	LRDFIENYNFSPIQVLQQR	AGAP006944-PA	-	47	0.000189987	1	2380.237	-1.62	Male reproductive organs	2L:+:40194228-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_24087	HLTFPLLEFLLQK	AGAP006944-PA	-	47	5.13E-05	1	1598.930	-0.5	Midgut	2L:+:40193403-40193441	exon=> In CDS Exon 1 of transcript AGAP006944-PA
JHU_Ag_25050	KVFDQTSLLK	AGAP006944-PA	-	74	2.14E-07	2	1178.677	-1.22	Ovary	2L:+:40193442-40193444,40193695-40193721	exon=> In CDS Exon 1 and 2 of transcript AGAP006944-PA
JHU_Ag_25933	TNMVDYKHDIR	AGAP006944-PA	M3(Oxidation)	50	0.000145848	1	1407.671	1.49	Ovary	2L:+:40193746-40193778	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_26040	SEALTLLVERK	AGAP006944-PA	-	57	7.40E-06	1	1258.740	2.64	Ovary	2L:+:40194885-40194917	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_27602	HLTFPLLEFLLQK	AGAP006944-PA	-	86	7.72E-09	1	1598.932	0.82	Ovary	2L:+:40193403-40193441	exon=> In CDS Exon 1 of transcript AGAP006944-PA
JHU_Ag_27641	ANVLATLKELQAEVAPLMK	AGAP006944-PA	-	65	6.30E-07	3	2039.165	3.91	Malpighian tubule	2L:+:40193830-40193886	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_30844	DFIENYNFSPIQVLQQR	AGAP006944-PA	-	77	3.03E-07	2	2111.065	4.28	Midgut	2L:+:40194234-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_32290	NALKDLIK	AGAP006944-PA	-	49	7.45E-05	1	914.568	1.48	Malpighian tubule	2L:+:40194456-40194479	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_33343	LMIFETFCR	AGAP006944-PA	M2(Oxidation), C8(Carbamidomethyl)	59	1.70E-05	1	1232.583	1.95	Ovary	2L:+:40194654-40194680	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_36320	HLTFPLLEFLLQKK	AGAP006944-PA	-	39	0.000135831	3	1727.032	3.7	Ovary	2L:+:40193403-40193444	exon=> In CDS Exon 1 of transcript AGAP006944-PA
JHU_Ag_37707	SEALTLLVER	AGAP006944-PA	-	80	1.16E-07	1	1130.641	-0.19	Salivary gland	2L:+:40194885-40194914	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_38098	SVIHALQQTLDYDIILSAQK	AGAP006944-PA	-	55	1.48E-05	1	2256.232	3.67	Malpighian tubule	2L:+:40193932-40193964,40194027-40194053	exon=> In CDS Exon 2 and 3 of transcript AGAP006944-PA
JHU_Ag_38870	VIQQESYTYRDPITEFLEHLYVNFDFEGAR	AGAP006944-PA	-	95	3.83E-09	1	3679.773	0.58	Ovary	2L:+:40194480-40194569	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_40993	VFDQTSLLK	AGAP006944-PA	-	49	0.000114997	2	1050.583	0.14	Pupa	2L:+:40193695-40193721	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_46261	SVIHALQQTLDYDIILSAQK	AGAP006944-PA	-	81	4.13E-08	1	2256.225	0.51	Ovary	2L:+:40193932-40193964,40194027-40194053	exon=> In CDS Exon 2 and 3 of transcript AGAP006944-PA
JHU_Ag_48020	AKFDLTAK	AGAP006944-PA	N-Term(Acetyl)	37	0.001706096	2	935.520	0.39	Malpighian tubule	2L:+:40193358-40193381	exon=> In CDS Exon 1 of transcript AGAP006944-PA
JHU_Ag_48829	LGHVVMGTQPLSPYQQLVEK	AGAP006944-PA	M6(Oxidation)	62	5.27E-06	1	2240.178	1.75	Pupa	2L:+:40194804-40194863	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_50875	VFDQTSLLK	AGAP006944-PA	-	66	1.91E-06	1	1050.583	0.37	Ovary	2L:+:40193695-40193721	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_51225	ELQAEVAPLMK	AGAP006944-PA	M10(Oxidation)	41	0.001295431	2	1244.657	0.78	Male reproductive organs	2L:+:40193854-40193886	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_51500	SEALTLLVER	AGAP006944-PA	-	76	2.74E-07	2	1130.645	3.05	Ovary	2L:+:40194885-40194914	exon=> In CDS Exon 3 of transcript AGAP006944-PA

JHU_Ag_51633	KVFDQTSLLK	AGAP006944-PA	-	40	0.000523891	2	1178.676	-1.84	Male reproductive organs	2L:+:40193442-40193444,40193695-40193721	exon=> In CDS Exon 1 and 2 of transcript AGAP006944-PA
JHU_Ag_52766	LAMDKVHPDELAQGR	AGAP006944-PA	M3(Oxidation)	32	0.008989933	1	1695.844	-2.64	Midgut	2L:+:40193785-40193829	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_54311	SEALTLLVER	AGAP006944-PA	-	70	1.17E-06	2	1130.643	1.64	Malpighian tubule	2L:+:40194885-40194914	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_54700	DFIENYNFSPIQVLQQR	AGAP006944-PA	-	43	0.000682631	2	2111.068	5.67	Larva	2L:+:40194234-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_54904	LGHVVMGTQPLSPYQQLVEK	AGAP006944-PA	M6(Oxidation)	62	6.20E-06	1	2240.174	-0.05	Male reproductive organs	2L:+:40194804-40194863	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_55655	ANVLATLK	AGAP006944-PA	-	36	0.002401588	2	829.516	2.41	Midgut	2L:+:40193830-40193853	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_56589	ELQAEVAPLMK	AGAP006944-PA	M10(Oxidation)	59	1.98E-05	2	1244.659	2.74	Ovary	2L:+:40193854-40193886	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_60035	YLATAVIINR	AGAP006944-PA	-	61	2.84E-06	2	1133.667	-0.42	Midgut	2L:+:40194417-40194446	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_60201	LGHVVMGTQPLSPYQQLVEK	AGAP006944-PA	M6(Oxidation)	79	1.14E-07	1	2240.178	1.59	Midgut	2L:+:40194804-40194863	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_60701	TQEAGEGHWKYY	AGAP006944-PA	-	48	0.000131525	1	1468.653	2.59	Ovary	2L:+:40194930-40194965	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_60924	SVIHALQQTLDYDIILSAQK	AGAP006944-PA	-	41	0.000270521	1	2256.243	8.7	Larva	2L:+:40193932-40193964,40194027-40194053	exon=> In CDS Exon 2 and 3 of transcript AGAP006944-PA
JHU_Ag_61107	DFIENYNFSPIQVLQQR	AGAP006944-PA	-	83	7.62E-08	2	2111.065	4.17	Malpighian tubule	2L:+:40194234-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_61928	FILETVSK	AGAP006944-PA	-	37	0.001233639	2	936.540	0.05	Ovary	2L:+:40193722-40193745	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_61983	ANVLATLK	AGAP006944-PA	-	46	0.000265037	1	829.514	0.28	Pupa	2L:+:40193830-40193853	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_65387	LGHVVMGTQPLSPYQQLVEK	AGAP006944-PA	M6(Oxidation)	104	3.51E-10	1	2240.176	0.61	Ovary	2L:+:40194804-40194863	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_68544	SEALTLLVER	AGAP006944-PA	-	75	3.31E-07	2	1130.641	-0.41	Male reproductive organs	2L:+:40194885-40194914	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_68737	LRDFIENYNFSPIQVLQQR	AGAP006944-PA	-	80	8.40E-08	1	2380.249	3.53	Ovary	2L:+:40194228-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_70127	LRDFIENYNFSPIQVLQQR	AGAP006944-PA	-	84	3.42E-08	1	2380.244	1.23	Malpighian tubule	2L:+:40194228-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_73384	KVFDQTSLLK	AGAP006944-PA	-	51	3.11E-05	1	1178.679	0.44	Malpighian tubule	2L:+:40193442-40193444,40193695-40193721	exon=> In CDS Exon 1 and 2 of transcript AGAP006944-PA
JHU_Ag_73641	SVIHALQQTLDYDIILSAQK	AGAP006944-PA	-	85	1.54E-08	1	2256.227	1.72	Salivary gland	2L:+:40193932-40193964,40194027-40194053	exon=> In CDS Exon 2 and 3 of transcript AGAP006944-PA
JHU_Ag_75961	YLATAVIINR	AGAP006944-PA	-	79	5.07E-08	1	1133.670	1.62	Malpighian tubule	2L:+:40194417-40194446	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_77333	SEALTLLVER	AGAP006944-PA	-	76	2.43E-07	2	1130.647	4.45	Larva	2L:+:40194885-40194914	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_80138	LRDFIENYNFSPIQVLQQR	AGAP006944-PA	-	83	5.20E-08	1	2380.243	0.92	Midgut	2L:+:40194228-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_81815	SVIHALQQTLDYDIILSAQK	AGAP006944-PA	-	56	1.24E-05	1	2256.231	3.43	Head	2L:+:40193932-40193964,40194027-40194053	exon=> In CDS Exon 2 and 3 of transcript AGAP006944-PA
JHU_Ag_82037	HLTFPLLEFLLQK	AGAP006944-PA	-	63	1.42E-06	3	1598.933	1.4	Malpighian tubule	2L:+:40193403-40193441	exon=> In CDS Exon 1 of transcript AGAP006944-PA

JHU_Ag_82302	DFIENYNFSPIQVLQQR	AGAP006944-PA	-	82	9.30E-08	2	2111.055	-0.34	Pupa	2L:+:40194234-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_82365	FILETVSK	AGAP006944-PA	-	42	0.000226096	1	936.541	0.77	Malpighian tubule	2L:+:40193722-40193745	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_87966	LGHVVMGTQPLSPYQQLVEK	AGAP006944-PA	M6(Oxidation)	67	1.46E-06	1	2240.190	6.9	Larva	2L:+:40194804-40194863	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_89205	DFIENYNFSPIQVLQQR	AGAP006944-PA	-	91	1.21E-08	1	2111.059	1.51	Salivary gland	2L:+:40194234-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_91248	FILETVSK	AGAP006944-PA	-	40	0.000354236	2	936.541	0.7	Pupa	2L:+:40193722-40193745	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_92614	FILETVSK	AGAP006944-PA	-	30	0.00374363	1	936.541	1.42	Male reproductive organs	2L:+:40193722-40193745	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_93702	LGHVVMGTQPLSPYQQLVEK	AGAP006944-PA	M6(Oxidation)	103	4.21E-10	1	2240.176	0.83	Salivary gland	2L:+:40194804-40194863	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_94915	NALKDLIK	AGAP006944-PA	-	48	8.23E-05	2	914.567	0.15	Salivary gland	2L:+:40194456-40194479	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_95049	ELQAEVAPLMK	AGAP006944-PA	-	62	6.26E-06	2	1228.660	-0.87	Midgut	2L:+:40193854-40193886	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_96076	YLATAVIINR	AGAP006944-PA	-	76	7.78E-08	2	1133.671	2.81	Ovary	2L:+:40194417-40194446	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_103958	YLATAVIINR	AGAP006944-PA	-	54	1.54E-05	2	1133.668	0.01	Male reproductive organs	2L:+:40194417-40194446	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_104427	DFIENYNFSPIQVLQQR	AGAP006944-PA	-	89	1.82E-08	1	2111.060	1.91	Ovary	2L:+:40194234-40194284	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_107230	YLATAVIINR	AGAP006944-PA	-	50	3.86E-05	2	1133.670	1.84	Pupa	2L:+:40194417-40194446	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_107534	LAMDKVHPDELAQGR	AGAP006944-PA	M3(Oxidation)	60	1.58E-05	1	1695.852	2.34	Ovary	2L:+:40193785-40193829	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_108830	ANVLATLK	AGAP006944-PA	-	49	0.000105803	2	829.516	1.82	Ovary	2L:+:40193830-40193853	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_109494	NALKDLIK	AGAP006944-PA	-	42	0.000334421	2	914.569	1.88	Ovary	2L:+:40194456-40194479	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_110620	LAMDKVHPDELAQGR	AGAP006944-PA	M3(Oxidation)	98	2.35E-09	1	1679.855	1.15	Malpighian tubule	2L:+:40193785-40193829	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_112918	SEALTLLVER	AGAP006944-PA	-	77	2.24E-07	2	1130.643	1.21	Pupa	2L:+:40194885-40194914	exon=> In CDS Exon 3 of transcript AGAP006944-PA
JHU_Ag_113764	ELQAEVAPLMK	AGAP006944-PA	M10(Oxidation)	41	0.001443492	2	1244.656	0.38	Head	2L:+:40193854-40193886	exon=> In CDS Exon 2 of transcript AGAP006944-PA
JHU_Ag_28664	IFQRQISK	AGAP006945-PA	Q5(Deamidated)	40	0.0007886	1	1020.585	1.05	Malpighian tubule	2L:+:40197766-40197789	exon=> In CDS Exon 1 of transcript AGAP006945-PA
JHU_Ag_49611	IFQRQISK	AGAP006945-PA	Q5(Deamidated)	35	0.002761074	1	1020.586	1.88	Male reproductive organs	2L:+:40197766-40197789	exon=> In CDS Exon 1 of transcript AGAP006945-PA
JHU_Ag_2664	FGSNIHLENDE	AGAP006946-PA	-	43	0.000378707	2	1274.566	0.71	Head	2L:-:40198323-40198291	exon=> In CDS Exon 2 of transcript AGAP006946-PA
JHU_Ag_49571	GTFQPDSDVHITYEDQMK	AGAP006946-PA	M17(Oxidation)	85	2.87E-08	1	2126.936	0.99	Ovary	2L:-:40198742-40198772,40198288-40198621	exon=> In CDS Exon 2 and 1 of transcript AGAP006946-PA
JHU_Ag_60221	FGSNIHLENDE	AGAP006946-PA	-	44	0.000250225	2	1274.562	-2.36	Midgut	2L:-:40198323-40198291	exon=> In CDS Exon 2 of transcript AGAP006946-PA
JHU_Ag_72557	FGSNIHLENDE	AGAP006946-PA	-	72	3.79E-07	1	1274.565	0.51	Ovary	2L:-:40198323-40198291	exon=> In CDS Exon 2 of transcript AGAP006946-PA
JHU_Ag_74212	GTFQPDSDVHITYEDQMK	AGAP006946-PA	M17(Oxidation)	30	0.008665384	1	2126.937	1.76	Head	2L:-:40198742-40198772,40198288-40198621	exon=> In CDS Exon 2 and 1 of transcript AGAP006946-PA
JHU_Ag_77817	NLEEAGDEIELLDDDVQIPFLMGDVFLSHDQAK	AGAP006946-PA	M22(Oxidation)	237	1.94E-23	1	3731.780	4.4	Ovary	2L:-:40198542-40198444	exon=> In CDS Exon 2 of transcript AGAP006946-PA

JHU_Ag_98078	VEDLKEELR	AGAP006946-PA	-	64	7.92E-06	1	1130.604	-1.27	Ovary	2L:-:40198590-40198564	exon=> In CDS Exon 2 of transcript AGAP006946-PA
JHU_Ag_14927	FDANDSSFITTPLQAK	AGAP006947-PA	-	66	3.53E-06	1	1754.867	4.33	Ovary	2L:+:40199915-40199962	exon=> In CDS Exon 2 of transcript AGAP006947-PA
JHU_Ag_15184	GFADIQIGNIGLER	AGAP006947-PA	-	52	8.60E-05	2	1502.804	5.08	Head	2L:+:40200670-40200711	exon=> In CDS Exon 3 of transcript AGAP006947-PA
JHU_Ag_92847	GFADIQIGNIGLER	AGAP006947-PA	-	66	3.29E-06	2	1502.801	3.45	Ovary	2L:+:40200670-40200711	exon=> In CDS Exon 3 of transcript AGAP006947-PA
JHU_Ag_94146	GFADIQIGNIGLER	AGAP006947-PA	-	61	1.11E-05	1	1502.794	-1.67	Malpighian tubule	2L:+:40200670-40200711	exon=> In CDS Exon 3 of transcript AGAP006947-PA
JHU_Ag_108981	TSLYQLSSSVTPSK	AGAP006947-PA	-	80	1.09E-07	2	1497.788	5.89	Ovary	2L:+:40200439-40200480	exon=> In CDS Exon 3 of transcript AGAP006947-PA
JHU_Ag_109563	TAENQQLVSLYIPR	AGAP006947-PA	-	78	1.81E-07	1	1631.880	3.05	Ovary	2L:+:40200721-40200762	exon=> In CDS Exon 3 of transcript AGAP006947-PA
JHU_Ag_114782	NLSYEASPNVSGGSIK	AGAP006947-PA	-	84	6.57E-08	1	1622.805	2	Ovary	2L:+:40200119-40200166	exon=> In CDS Exon 2 of transcript AGAP006947-PA
JHU_Ag_101146	ADEAQPPNGTDVVDK	AGAP006948-PA	N-Term(Acetyl)	107	2.37E-10	1	1597.733	-0.95	Ovary	2L:-:40203217-40203173	exon=> In CDS Exon 1 of transcript AGAP006948-PA
JHU_Ag_5583	ITTTDTGIHFK	AGAP006948-PA,AGAP006948-PB	-	53	7.40E-05	2	1233.648	0.57	Midgut	2L:-:40202813-40202781;2L:-:40202813-40202781	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_5915	DMVDQSGYVSGYGHK	AGAP006948-PA,AGAP006948-PB	M2(Oxidation)	85	2.30E-08	2	1642.723	3.76	Head	2L:-:40202449-40202405;2L:-:40202449-40202405	exon=> In CDS Exon 3 of transcript AGAP006948-PA;exon=> In CDS Exon 4 of transcript AGAP006948-PB
JHU_Ag_6515	ITTTDTGIHFK	AGAP006948-PA,AGAP006948-PB	-	35	0.005857663	1	1233.648	0.31	Head	2L:-:40202813-40202781;2L:-:40202813-40202781	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_8235	HLTLSQSDK	AGAP006948-PA,AGAP006948-PB	-	35	0.002289082	1	1028.537	-0.33	Ovary	2L:-:40202956-40202930;2L:-:40202956-40202930	exon=> In CDS Exon 1 of transcript AGAP006948-PA;exon=> In CDS Exon 2 of transcript AGAP006948-PB
JHU_Ag_40951	KVELDEIK	AGAP006948-PA,AGAP006948-PB	-	60	1.79E-05	1	973.556	-0.3	Male reproductive organs	2L:-:40202711-40202688;2L:-:40202711-40202688	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_40954	EAASGQPGAAEPAKPSDK	AGAP006948-PA,AGAP006948-PB	-	41	0.001484394	1	1710.838	4.83	Head	2L:-:40203118-40203065;2L:-:40203118-40203065	exon=> In CDS Exon 1 of transcript AGAP006948-PA;exon=> In CDS Exon 2 of transcript AGAP006948-PB
JHU_Ag_45250	ITTTDTGIHFK	AGAP006948-PA,AGAP006948-PB	-	75	5.43E-07	1	1233.648	0.37	Male reproductive organs	2L:-:40202813-40202781;2L:-:40202813-40202781	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_46217	ITTTDTGIHFK	AGAP006948-PA,AGAP006948-PB	-	71	1.25E-06	1	1233.648	0.57	Ovary	2L:-:40202813-40202781;2L:-:40202813-40202781	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_46358	MTVEVAEMALDAK	AGAP006948-PA,AGAP006948-PB	M1(Oxidation), M8(Oxidation)	91	1.15E-08	1	1439.679	2.18	Ovary	2L:-:40203172-40203134;2L:-:40203172-40203134	exon=> In CDS Exon 1 of transcript AGAP006948-PA;exon=> In CDS Exon 2 of transcript AGAP006948-PB

JHU_Ag_52270	LTYEDYNKFLDDLAK	AGAP006948-PA,AGAP006948-PB	-	88	2.67E-08	1	1847.911	2.68	Head	2L:-:40202762-40202718;2L:-:40202762-40202718	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_53724	ETNGSATPANKPVCSAAFK	AGAP006948-PA,AGAP006948-PB	N3(Deamidated), C14(Carbamidomethyl)	54	5.49E-05	1	1950.926	1.87	Malpighian tubule	2L:-:40203064-40203008;2L:-:40203064-40203008	exon=> In CDS Exon 1 of transcript AGAP006948-PA;exon=> In CDS Exon 2 of transcript AGAP006948-PB
JHU_Ag_60980	ETNGSATPANKPVCSAAFK	AGAP006948-PA,AGAP006948-PB	C14(Carbamidomethyl),"N3(Deamidated), C14(Carbamidomethyl)"	56	3.93E-05	1	1949.942	1.87	Head	2L:-:40203064-40203008;2L:-:40203064-40203008	exon=> In CDS Exon 1 of transcript AGAP006948-PA;exon=> In CDS Exon 2 of transcript AGAP006948-PB
JHU_Ag_70572	LTYEDYNKFLDDLAK	AGAP006948-PA,AGAP006948-PB	-	80	1.74E-07	1	1847.914	4.4	Male reproductive organs	2L:-:40202762-40202718;2L:-:40202762-40202718	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_93984	ITTTDTGIHFKK	AGAP006948-PA,AGAP006948-PB	-	45	0.000345491	2	1361.745	2.22	Malpighian tubule	2L:-:40202813-40202778;2L:-:40202813-40202778	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_106321	FLDDLAK	AGAP006948-PA,AGAP006948-PB	-	47	0.000269378	2	821.441	1.14	Ovary	2L:-:40202738-40202718;2L:-:40202738-40202718	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_108085	KVELDEIK	AGAP006948-PA,AGAP006948-PB	-	46	0.0004176	1	973.556	-0.68	Ovary	2L:-:40202711-40202688;2L:-:40202711-40202688	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_113164	MANCGAPGVHNATPGK	AGAP006948-PA,AGAP006948-PB	C4(Carbamidomethyl),"M1(Oxidation), C4(Carbamidomethyl)"	64	3.71E-06	1	1597.723	0.95	Head	2L:-:40202681-40202828,40202381-40202555;2L:-:40202681-40202828,40202381-40202555	exon=> In CDS Exon 3 and 2 of transcript AGAP006948-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP006948-PB
JHU_Ag_113486	KDMVDQSGYVSGYGHK	AGAP006948-PA,AGAP006948-PB	M3(Oxidation)	71	8.45E-07	1	1786.806	-0.02	Ovary	2L:-:40202452-40202405;2L:-:40202452-40202405	exon=> In CDS Exon 3 of transcript AGAP006948-PA;exon=> In CDS Exon 4 of transcript AGAP006948-PB
JHU_Ag_113985	KVELDEIK	AGAP006948-PA,AGAP006948-PB	-	54	5.94E-05	1	973.554	-2.56	Head	2L:-:40202711-40202688;2L:-:40202711-40202688	exon=> In CDS Exon 2 of transcript AGAP006948-PA;exon=> In CDS Exon 3 of transcript AGAP006948-PB
JHU_Ag_255	NLESVQTDMNIEPVNFVPVIYR	AGAP006949-PA	M9(Oxidation)	74	5.22E-07	2	2577.315	5	Visceras	2L:-:40210579-40210514	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_1109	VSEEIFFER	AGAP006949-PA	-	76	2.42E-07	2	1155.568	0.25	Head	2L:-:40209267-40209241	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_4671	GGSSGSGGSGRPIGGGEEGDK	AGAP006949-PA	-	96	2.95E-09	1	1804.810	2.15	Head	2L:-:40211046-40210984	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_8452	DQYLLTTEQLYDR	AGAP006949-PA	-	89	1.74E-08	1	1657.809	1.17	Visceras	2L:-:40209330-40209292	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_8686	ITDSAYAQITR	AGAP006949-PA	-	76	3.28E-07	2	1238.638	-0.07	Ovary	2L:-:40209207-40209175	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_12176	KNAPCILFIDEIDAVGR	AGAP006949-PA	C5(Carbamidomethyl)	89	1.74E-08	1	1931.011	2.8	Head	2L:-:40209966-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_15522	NPQQYIDLGAK	AGAP006949-PA	-	57	3.40E-05	1	1246.644	0.84	Midgut	2L:-:40210173-40210141	exon=> In CDS Exon 5 of transcript AGAP006949-PA

JHU_Ag_16406	VRDMFAMAR	AGAP006949-PA	M4(Oxidation), M7(Oxidation)	43	0.000519801	1	1128.532	2.45	Malpighian tubule	2L:-:40209993-40209967	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_16483	TVAYHEAGHAVCGWFLEHSDPLLK	AGAP006949-PA	C12(Carbamidomethyl)	64	5.88E-06	1	2737.327	2.85	Head	2L:-:40209456-40209385	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_19135	DLNESIVMKHFEQAIER	AGAP006949-PA	-	113	6.93E-11	1	2059.042	7.09	Malpighian tubule	2L:-:40209561-40209511	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_19211	IEIMEFVNFLK	AGAP006949-PA	M4(Oxidation)	45	0.0003706	2	1398.739	4	Salivary gland	2L:-:40210206-40210174	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_19644	QIYVPAPDIKGR	AGAP006949-PA	-	49	9.62E-05	1	1356.768	3.07	Malpighian tubule	2L:-:40209744-40209709	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_21026	LINANEINVGFK	AGAP006949-PA	-	67	2.33E-06	2	1331.734	1.85	Midgut	2L:-:40210351-40210624,40208758-40210234	exon=> In CDS Exon 5 and 4 of transcript AGAP006949-PA
JHU_Ag_22082	LINANEINVGFK	AGAP006949-PA	-	59	1.21E-05	1	1331.732	-0.17	Male reproductive organs	2L:-:40210351-40210624,40208758-40210234	exon=> In CDS Exon 5 and 4 of transcript AGAP006949-PA
JHU_Ag_23051	EFVNNYLAR	AGAP006949-PA	-	40	0.001117789	2	1125.567	-1.73	Midgut	2L:-:40210890-40211364,40210712-40210793	exon=> In CDS Exon 3 and 2 of transcript AGAP006949-PA
JHU_Ag_23075	NPQQYIDLGAK	AGAP006949-PA	-	58	2.51E-05	1	1246.644	0.84	Ovary	2L:-:40210173-40210141	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_24058	VSIIPR	AGAP006949-PA	-	32	0.001344121	1	684.442	2.3	Malpighian tubule	2L:-:40209384-40209367	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_24602	VGNVSFDSSQPGDPMFAKPYSEQTAQIIDEEVR	AGAP006949-PA	M15(Oxidation)	67	2.18E-06	3	3657.722	5.54	Malpighian tubule	2L:-:40209156-40209058	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_25500	HFEQAIER	AGAP006949-PA	-	42	0.000583192	1	1029.508	-3.42	Head	2L:-:40209534-40209511	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_25613	ADVEKVAER	AGAP006949-PA	-	50	0.000166616	1	1016.539	2.28	Malpighian tubule	2L:-:40209003-40208977	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_29004	DDMIELLGK	AGAP006949-PA	M3(Oxidation)	80	1.78E-07	2	1033.523	-0.71	Head	2L:-:40208949-40208923	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_29512	IEIMEFVNFLK	AGAP006949-PA	M4(Oxidation)	92	6.73E-09	1	1398.744	7.06	Visceras	2L:-:40210206-40210174	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_30703	VGNVSFDSSQPGDPMFAKPYSEQTAQIIDEEVR	AGAP006949-PA	M15(Oxidation)	51	9.21E-05	1	3641.706	-0.29	Ovary	2L:-:40209156-40209058	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_30763	YFKPPGAASAQQAK	AGAP006949-PA	-	70	1.52E-06	1	1463.764	0.14	Head	2L:-:40211256-40211215	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_32128	ITTGAQDDLKK	AGAP006949-PA	-	42	0.001079256	2	1189.645	2.18	Malpighian tubule	2L:-:40209240-40209208	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_32214	GAMLTGPPGTGK	AGAP006949-PA	M3(Oxidation)	44	0.000434208	1	1086.564	2.85	Malpighian tubule	2L:-:40210131-40210096	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_33080	LINANEINVGFK	AGAP006949-PA	-	87	2.09E-08	2	1331.732	-0.17	Head	2L:-:40210351-40210624,40208758-40210234	exon=> In CDS Exon 5 and 4 of transcript AGAP006949-PA
JHU_Ag_33405	NPQQYIDLGAK	AGAP006949-PA	-	40	0.001574584	1	1246.642	-0.23	Malpighian tubule	2L:-:40210173-40210141	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_34145	NLESVQTDMNIEPVNFVPVIYR	AGAP006949-PA	M9(Oxidation)	39	0.001797531	1	2593.301	1.53	Ovary	2L:-:40210579-40210514	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_35942	DGSSSSSNSAAEQSASQSNAPPGATSR	AGAP006949-PA	-	121	4.02E-12	1	2538.097	1.33	Head	2L:-:40211178-40211098	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_36470	GLGYAQYLPK	AGAP006949-PA	-	57	2.08E-05	1	1109.599	-0.29	Male reproductive organs	2L:-:40209360-40209331	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_37051	GLGYAQYLPK	AGAP006949-PA	-	53	4.80E-05	2	1109.603	3.89	Head	2L:-:40209360-40209331	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_38396	TVAYHEAGHAVCGWFLEHSDPLLK	AGAP006949-PA	C12(Carbamidomethyl)	101	1.01E-09	1	2737.334	5.53	Malpighian tubule	2L:-:40209456-40209385	exon=> In CDS Exon 5 of transcript AGAP006949-PA

JHU_Ag_39413	DDMIELLGK	AGAP006949-PA	-	63	1.00E-05	2	1033.525	1.06	Salivary gland	2L:-:40208949-40208923	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_39758	KMAALTPGFTGADIANVCNEAALIAAR	AGAP006949-PA	M2(Oxidation), C18(Carbamidomethyl)	90	1.05E-08	1	2762.415	6.72	Malpighian tubule	2L:-:40209642-40209562	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_40512	KNAPCILFIDEIDAVGR	AGAP006949-PA	C5(Carbamidomethyl)	110	1.35E-10	1	1931.010	2.23	Visceras	2L:-:40209966-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_42069	EFVNNYLAR	AGAP006949-PA	-	53	4.84E-05	1	1125.571	1.74	Visceras	2L:-:40210890-40211364,40210712-40210793	exon=> In CDS Exon 3 and 2 of transcript AGAP006949-PA
JHU_Ag_42324	ITDSAYAQITR	AGAP006949-PA	-	97	2.63E-09	2	1238.642	3.19	Malpighian tubule	2L:-:40209207-40209175	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_43146	TDLDKTDLAR	AGAP006949-PA	-	45	0.000607388	2	1147.597	1.47	Salivary gland	2L:-:40209672-40209643	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_43316	VSEEIFFER	AGAP006949-PA	-	50	9.73E-05	1	1155.575	5.53	Malpighian tubule	2L:-:40209267-40209241	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_44512	GLGYAQYLPK	AGAP006949-PA	-	55	3.69E-05	2	1109.599	0.37	Salivary gland	2L:-:40209360-40209331	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_45713	NAPCILFIDEIDAVGR	AGAP006949-PA	C4(Carbamidomethyl)	86	4.55E-08	1	1802.913	1.31	Salivary gland	2L:-:40209963-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_46412	VHLGPLK	AGAP006949-PA	-	37	0.000891374	1	763.483	0.11	Head	2L:-:40209693-40209673	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_46629	YFKPPGAASAQQAK	AGAP006949-PA	-	60	1.27E-05	1	1463.767	1.84	Visceras	2L:-:40211256-40211215	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_47323	TVAYHEAGHAVCGWFLEHSDPLLK	AGAP006949-PA	C12(Carbamidomethyl)	111	1.11E-10	1	2737.321	0.53	Salivary gland	2L:-:40209456-40209385	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_52125	VKLTPGNATDSSGILWFNIGSVDSFER	AGAP006949-PA	-	74	4.14E-07	1	2910.485	7.32	Malpighian tubule	2L:-:40210747-40210805,40210317-40210580	exon=> In CDS Exon 4 and 3 of transcript AGAP006949-PA
JHU_Ag_53487	GGGLFGGVMQSTAK	AGAP006949-PA	M9(Oxidation)	61	1.22E-05	2	1325.651	-0.82	Salivary gland	2L:-:40210393-40210352	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_56590	NPQQYIDLGAK	AGAP006949-PA	-	59	2.24E-05	1	1246.644	1.43	Visceras	2L:-:40210173-40210141	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_57812	LINANEINVGFK	AGAP006949-PA	-	94	3.82E-09	1	1331.733	0.93	Visceras	2L:-:40210351-40210624,40208758-40210234	exon=> In CDS Exon 5 and 4 of transcript AGAP006949-PA
JHU_Ag_60314	KMAALTPGFTGADIANVCNEAALIAAR	AGAP006949-PA	M2(Oxidation), C18(Carbamidomethyl)	44	0.000454343	3	2762.411	5.4	Visceras	2L:-:40209642-40209562	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_62999	VDILDK	AGAP006949-PA	-	36	0.003408583	2	702.403	-0.12	Visceras	2L:-:40209792-40209775	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_65195	LINANEINVGFK	AGAP006949-PA	-	82	6.29E-08	2	1331.733	0.56	Ovary	2L:-:40210351-40210624,40208758-40210234	exon=> In CDS Exon 5 and 4 of transcript AGAP006949-PA
JHU_Ag_65467	VHLGPLK	AGAP006949-PA	-	37	0.000820465	1	763.482	-0.15	Visceras	2L:-:40209693-40209673	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_66886	MAALTPGFTGADIANVCNEAALIAAR	AGAP006949-PA	C17(Carbamidomethyl)	36	0.003201355	3	2618.315	3.03	Salivary gland	2L:-:40209639-40209562	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_67096	GGGLFGGVMQSTAK	AGAP006949-PA	M9(Oxidation)	48	0.000252418	2	1325.655	2.4	Malpighian tubule	2L:-:40210393-40210352	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_70438	TDLDKTDLAR	AGAP006949-PA	-	58	3.20E-05	1	1147.599	3.28	Malpighian tubule	2L:-:40209672-40209643	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_70539	EFVNNYLAR	AGAP006949-PA	-	52	7.17E-05	2	1125.568	-0.43	Salivary gland	2L:-:40210890-40211364,40210712-40210793	exon=> In CDS Exon 3 and 2 of transcript AGAP006949-PA
JHU_Ag_71446	TDLDKTDLAR	AGAP006949-PA	-	43	0.000994183	1	1147.597	1.58	Head	2L:-:40209672-40209643	exon=> In CDS Exon 5 of transcript AGAP006949-PA

JHU_Ag_71492	DQYLLTTEQLYDR	AGAP006949-PA	-	77	2.99E-07	2	1657.806	-0.23	Midgut	2L:-:40209330-40209292	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_74551	DQYLLTTEQLYDR	AGAP006949-PA	-	80	1.43E-07	1	1657.811	2.71	Head	2L:-:40209330-40209292	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_75900	TDLDKTDLAR	AGAP006949-PA	-	51	0.000145497	1	1147.598	1.9	Visceras	2L:-:40209672-40209643	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_76027	GGSSGSGGSGRPIGGGEEGDKEK	AGAP006949-PA	-	90	1.27E-08	1	2061.941	-1.23	Midgut	2L:-:40211046-40210978	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_78060	ITDSAYAQITR	AGAP006949-PA	-	96	3.87E-09	1	1238.639	1.31	Visceras	2L:-:40209207-40209175	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_78390	VSEEIFFER	AGAP006949-PA	-	69	1.21E-06	1	1155.571	2.68	Visceras	2L:-:40209267-40209241	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_78432	GLGYAQYLPK	AGAP006949-PA	-	48	0.000146309	2	1109.603	3.56	Visceras	2L:-:40209360-40209331	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_81069	KNAPCILFIDEIDAVGR	AGAP006949-PA	C5(Carbamidomethyl)	115	4.33E-11	1	1931.007	0.62	Ovary	2L:-:40209966-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_84495	VSEEIFFER	AGAP006949-PA	-	71	8.63E-07	1	1155.566	-1.97	Male reproductive organs	2L:-:40209267-40209241	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_84600	YFKPPGAASAQQAK	AGAP006949-PA	-	54	5.51E-05	2	1463.768	2.26	Malpighian tubule	2L:-:40211256-40211215	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_86123	NDWNLGMFSPQPAR	AGAP006949-PA	-	68	1.99E-06	2	1632.761	1.5	Head	2L:-:40211094-40211053	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_86762	NAPCILFIDEIDAVGR	AGAP006949-PA	C4(Carbamidomethyl)	66	4.09E-06	1	1802.903	-3.97	Head	2L:-:40209963-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_88061	HRADVEK	AGAP006949-PA	-	32	0.006416842	2	854.447	-0.79	Head	2L:-:40209009-40208989	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_88540	DQYLLTTEQLYDR	AGAP006949-PA	-	77	2.77E-07	2	1657.809	1.24	Ovary	2L:-:40209330-40209292	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_88938	ITDSAYAQITR	AGAP006949-PA	-	52	8.23E-05	2	1238.647	7.42	Male reproductive organs	2L:-:40209207-40209175	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_89448	HFEQAIER	AGAP006949-PA	-	40	0.001003302	2	1029.513	1.56	Visceras	2L:-:40209534-40209511	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_93126	VGNVSFDSSQPGDPMFAKPYSEQTAQIIDEEVR	AGAP006949-PA	M15(Oxidation)	71	7.32E-07	1	3657.700	-0.37	Salivary gland	2L:-:40209156-40209058	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_93954	GGGLFGGVMQSTAK	AGAP006949-PA	-	37	0.003596279	2	1309.657	-0.15	Ovary	2L:-:40210393-40210352	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_96257	KNAPCILFIDEIDAVGR	AGAP006949-PA	C5(Carbamidomethyl)	52	7.91E-05	3	1931.015	4.6	Malpighian tubule	2L:-:40209966-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_97604	NLESVQTDMNIEPVNFVPVIYR	AGAP006949-PA	M9(Oxidation)	91	1.12E-08	2	2593.302	2.03	Midgut	2L:-:40210579-40210514	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_98518	NLESVQTDMNIEPVNFVPVIYR	AGAP006949-PA	-	37	0.002509437	3	2577.308	2.44	Head	2L:-:40210579-40210514	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_98933	ITDSAYAQITR	AGAP006949-PA	-	64	5.83E-06	2	1238.636	-1.64	Salivary gland	2L:-:40209207-40209175	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_99391	NAPCILFIDEIDAVGR	AGAP006949-PA	C4(Carbamidomethyl)	36	0.004256436	2	1802.914	1.85	Ovary	2L:-:40209963-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_102163	LINANEINVGFK	AGAP006949-PA	-	85	3.55E-08	1	1331.734	1.85	Salivary gland	2L:-:40210351-40210624,40208758-40210234	exon=> In CDS Exon 5 and 4 of transcript AGAP006949-PA
JHU_Ag_104123	DQYLLTTEQLYDR	AGAP006949-PA	-	89	1.95E-08	1	1657.808	0.58	Salivary gland	2L:-:40209330-40209292	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_105405	KNDWNLGMFSPQPAR	AGAP006949-PA	M8(Oxidation)	75	5.50E-07	2	1776.852	1.91	Malpighian tubule	2L:-:40211097-40211053	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_106718	TVAYHEAGHAVCGWFLEHSDPLLKVSIIPR	AGAP006949-PA	C12(Carbamidomethyl)	57	1.03E-05	1	3402.767	7.57	Malpighian tubule	2L:-:40209456-40209367	exon=> In CDS Exon 5 of transcript AGAP006949-PA

JHU_Ag_107214	LINANEINVGFK	AGAP006949-PA	-	59	1.32E-05	2	1331.735	2.58	Malpighian tubule	2L:-:40210351-40210624,40208758-40210234	exon=> In CDS Exon 5 and 4 of transcript AGAP006949-PA
JHU_Ag_107351	ITDSAYAQITR	AGAP006949-PA	-	83	7.33E-08	1	1238.639	1.51	Head	2L:-:40209207-40209175	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_109000	NAPCILFIDEIDAVGR	AGAP006949-PA	C4(Carbamidomethyl)	82	1.18E-07	2	1802.919	4.36	Visceras	2L:-:40209963-40209916	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_110399	STYEEFVEGTGSFEEDTTLPDGLASWNKEK	AGAP006949-PA	-	56	3.11E-05	1	3366.547	8.72	Malpighian tubule	2L:-:40208904-40208815	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_111045	VGNVSFDSSQPGDPMFAKPYSEQTAQIIDEEVR	AGAP006949-PA	M15(Oxidation)	50	8.86E-05	3	3657.702	0.03	Head	2L:-:40209156-40209058	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_111073	VSEEIFFER	AGAP006949-PA	-	76	2.31E-07	2	1155.569	0.46	Ovary	2L:-:40209267-40209241	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_111617	KNDWNLGMFSPQPAR	AGAP006949-PA	N2(Deamidated), N5(Deamidated), M8(Oxidation), Q12(Deamidated)	32	0.005237145	1	1779.778	-13.06	Midgut	2L:-:40211097-40211053	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_111875	KTNVLSPEEK	AGAP006949-PA	-	56	3.65E-05	1	1144.622	0.97	Malpighian tubule	2L:-:40209489-40209460	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_112160	VSEEIFFER	AGAP006949-PA	-	70	0.00000096	2	1155.568	-0.07	Salivary gland	2L:-:40209267-40209241	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_112475	TNVLSPEEKR	AGAP006949-PA	-	52	9.62E-05	1	1172.629	2.06	Malpighian tubule	2L:-:40209486-40209457	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_114200	TVAYHEAGHAVCGWFLEHSDPLLK	AGAP006949-PA	C12(Carbamidomethyl)	131	1.19E-12	1	2737.346	9.7	Ovary	2L:-:40209456-40209385	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_115707	RGGGLFGGVMQSTAK	AGAP006949-PA	-	56	3.42E-05	1	1465.764	3.78	Malpighian tubule	2L:-:40210396-40210352	exon=> In CDS Exon 4 of transcript AGAP006949-PA
JHU_Ag_115950	GGSSGSGGSGRPIGGGEEGDKEK	AGAP006949-PA	-	119	1.90E-11	1	2061.951	3.92	Malpighian tubule	2L:-:40211046-40210978	exon=> In CDS Exon 2 of transcript AGAP006949-PA
JHU_Ag_117317	NPQQYIDLGAK	AGAP006949-PA	-	46	0.000460696	1	1246.646	3	Head	2L:-:40210173-40210141	exon=> In CDS Exon 5 of transcript AGAP006949-PA
JHU_Ag_3628	IIHLSNDPSPGYNIEQMAK	AGAP006952-PA	M17(Oxidation)	109	2.02E-10	1	2143.048	-0.22	Ovary	2L:+:40216795-40216851	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_23985	IGVGIVR	AGAP006952-PA	-	48	4.47E-05	2	713.466	-0.65	Malpighian tubule	2L:+:40216263-40216283	exon=> In CDS Exon 1 of transcript AGAP006952-PA
JHU_Ag_24385	IIHLSNDPSPGYNIEQMAK	AGAP006952-PA	M17(Oxidation)	35	0.004530275	1	2143.052	1.48	Malpighian tubule	2L:+:40216795-40216851	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_24781	VLDILK	AGAP006952-PA	-	26	0.00393051	1	700.460	-0.63	Ovary	2L:+:40216453-40216470	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_43009	MAWNDATITQR	AGAP006952-PA	-	93	8.07E-09	2	1306.623	1.3	Malpighian tubule	2L:+:40217263-40217295	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_46610	ALDVSGIAPDEIDVVCYTK	AGAP006952-PA	C16(Carbamidomethyl)	44	0.000536232	2	2065.020	1.78	Salivary gland	2L:+:40216474-40216530	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_47119	AVNPTVLYVSGGNTQIISYACKR	AGAP006952-PA	C21(Carbamidomethyl)	54	3.59E-05	1	2511.316	5.52	Malpighian tubule	2L:+:40216663-40216731	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_55077	ALDVSGIAPDEIDVVCYTK	AGAP006952-PA	C16(Carbamidomethyl)	99	2.16E-09	1	2065.017	0.6	Ovary	2L:+:40216474-40216530	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_58189	ALDVSGIAPDEIDVVCYTK	AGAP006952-PA	C16(Carbamidomethyl)	41	0.001143714	1	2065.019	1.67	Visceras	2L:+:40216474-40216530	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_58240	GPGMAPPLLAVAIVAR	AGAP006952-PA	M4(Oxidation)	86	5.35E-09	1	1548.891	-1.21	Ovary	2L:+:40216531-40216578	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_86096	ALDVSGIAPDEIDVVCYTK	AGAP006952-PA	C16(Carbamidomethyl)	81	1.20E-07	1	2065.023	3.44	Malpighian tubule	2L:+:40216474-40216530	exon=> In CDS Exon 2 of transcript AGAP006952-PA
JHU_Ag_112082	ALDVSGIAPDEIDVVCYTK	AGAP006952-PA	C16(Carbamidomethyl)	105	5.11E-10	2	2065.018	0.84	Midgut	2L:+:40216474-40216530	exon=> In CDS Exon 2 of transcript AGAP006952-PA

JHU_Ag_27925	TLWEIVGNLK	AGAP006953-PA	-	52	5.43E-05	2	1172.671	3.2	Pupa	2L:-:40217986-40217957	exon=> In CDS Exon 1 of transcript AGAP006953-PA
JHU_Ag_44548	SPNLVQIESVSYK	AGAP006953-PA	-	78	1.96E-07	2	1463.775	0.59	Midgut	2L:-:40217732-40217694	exon=> In CDS Exon 2 of transcript AGAP006953-PA
JHU_Ag_44700	EIDLPPLLQEFIAR	AGAP006953-PA	-	76	1.15E-07	1	1653.923	1.25	Ovary	2L:-:40217612-40217571	exon=> In CDS Exon 2 of transcript AGAP006953-PA
JHU_Ag_53214	TLWEIVGNLK	AGAP006953-PA	-	54	3.57E-05	2	1172.668	0.18	Head	2L:-:40217986-40217957	exon=> In CDS Exon 1 of transcript AGAP006953-PA
JHU_Ag_73126	TLWEIVGNLK	AGAP006953-PA	-	53	4.34E-05	2	1172.672	3.51	Visceras	2L:-:40217986-40217957	exon=> In CDS Exon 1 of transcript AGAP006953-PA
JHU_Ag_90656	EIDLPPLLQEFIAR	AGAP006953-PA	-	77	1.04E-07	2	1653.920	-0.55	Midgut	2L:-:40217612-40217571	exon=> In CDS Exon 2 of transcript AGAP006953-PA
JHU_Ag_99506	SPNLVQIESVSYK	AGAP006953-PA	-	47	0.000239687	2	1463.775	0.51	Male reproductive organs	2L:-:40217732-40217694	exon=> In CDS Exon 2 of transcript AGAP006953-PA
JHU_Ag_646	VKYTEDEELNK	AGAP006958-PA	-	94	6.03E-09	1	1367.674	3.33	Ovary	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_1536	RGFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M8(Oxidation)	49	0.000160291	3	2587.312	0.43	Midgut	2L:-:40256891-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_2735	NSAFVER	AGAP006958-PA	-	44	0.000555638	2	822.411	0.55	Visceras	2L:-:40256921-40256901	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_2866	ALLFVPR	AGAP006958-PA	-	39	0.000450312	1	815.514	0.46	Pupa	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_2868	EGLELPEDEAEK	AGAP006958-PA	-	50	0.000101969	1	1358.633	0.26	Male reproductive organs	2L:-:40256792-40256757	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_3565	VFIMDNCEELIPDYLNFIK	AGAP006958-PA	M4(Oxidation), C7(Carbamidomethyl)	78	2.73E-07	1	2389.151	2.36	Ovary	2L:-:40257329-40257273	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_3840	EGLELPEDEAEKK	AGAP006958-PA	-	77	2.73E-07	1	1486.730	1.96	Head	2L:-:40256792-40256754	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_4285	MPFDLFENK	AGAP006958-PA	-	50	0.000139049	2	1140.545	5.25	Malpighian tubule	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_6569	VKYTEDEELNK	AGAP006958-PA	-	75	5.27E-07	1	1367.673	2.62	Salivary gland	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_6644	SLTNDWEDHLAVK	AGAP006958-PA	-	92	1.05E-08	1	1527.747	1.97	Visceras	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_7276	LGVHEDSQNRQK	AGAP006958-PA	-	65	4.56E-06	1	1410.711	2.13	Malpighian tubule	2L:-:40257092-40257057	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_7303	EGLELPEDEAEKK	AGAP006958-PA	-	77	2.75E-07	1	1486.728	0.81	Male reproductive organs	2L:-:40256792-40256754	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_7553	HFSVEGQLDFR	AGAP006958-PA	-	66	3.96E-06	1	1334.655	4.31	Malpighian tubule	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_7787	MPFDLFENKK	AGAP006958-PA	-	48	0.000184327	1	1268.637	1.85	Salivary gland	2L:-:40257392-40257363	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_8531	GVVDSEDLPLNISREMLQQNK	AGAP006958-PA	M16(Oxidation)	77	2.50E-07	1	2401.214	4.77	Malpighian tubule	2L:-:40257272-40257210	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_8656	TKPIWTR	AGAP006958-PA	-	42	0.000686142	1	901.526	0.8	Larva	2L:-:40257554-40257534	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_9809	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	109	1.83E-10	1	2372.186	2.19	Salivary gland	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_10199	NADDISQEEYGEFYK	AGAP006958-PA	N1(Deamidated)	135	1.62E-13	1	1807.765	-0.59	Pupa	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_10466	ALLFVPR	AGAP006958-PA	-	38	0.000463322	2	815.516	2.26	Ovary	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_10509	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl)	139	5.80E-14	1	2154.904	0.23	Pupa	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_10775	NADDISQEEYGEFYK	AGAP006958-PA	N1(Deamidated)	128	8.55E-13	1	1807.765	-0.66	Salivary gland	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_10960	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl)	114	2.11E-11	2	2154.912	4.2	Larva	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_12035	VKYTEDEELNK	AGAP006958-PA	-	93	7.75E-09	1	1367.671	1.73	Visceras	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_13043	FYDQFSK	AGAP006958-PA	-	35	0.003895024	1	934.433	2.69	Visceras	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_13649	LEDAEDDEDKK	AGAP006958-PA	-	69	7.22E-07	1	1306.567	1.72	Salivary gland	2L:-:40257644-40257612	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_14356	HFSVEGQLDFR	AGAP006958-PA	-	61	1.23E-05	2	1334.649	0.38	Salivary gland	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_14364	SLTNDWEDHLAVK	AGAP006958-PA	-	102	9.65E-10	1	1527.747	2.13	Head	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_14781	LADLLR	AGAP006958-PA	-	43	0.000352265	2	700.435	-0.37	Midgut	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_15556	MPFDLFENK	AGAP006958-PA	M1(Oxidation)	52	7.14E-05	2	1156.533	-1.09	Male reproductive organs	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_16508	EGLELPEDEAEK	AGAP006958-PA	-	77	2.16E-07	1	1358.634	0.98	Head	2L:-:40256792-40256757	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_17181	EGLELPEDEAEKK	AGAP006958-PA	-	68	2.49E-06	1	1486.729	0.98	Malpighian tubule	2L:-:40256792-40256754	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_17387	GVVDSEDLPLNISR	AGAP006958-PA	-	115	4.03E-11	1	1513.794	5.45	Larva	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_17910	NADDISQEEYGEFYK	AGAP006958-PA	-	143	2.60E-14	1	1807.774	4.81	Malpighian tubule	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_18186	VKYTEDEELNK	AGAP006958-PA	-	79	1.81E-07	1	1367.673	3.07	Malpighian tubule	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_18839	GVVDSEDLPLNISR	AGAP006958-PA	-	104	4.55E-10	1	1513.789	1.98	Ovary	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_19017	ALLFVPRR	AGAP006958-PA	-	50	1.75E-05	1	971.619	4.3	Malpighian tubule	2L:-:40257416-40257393	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_20272	QLVSVTK	AGAP006958-PA	-	49	9.62E-05	2	774.473	0.66	Head	2L:-:40256813-40256793	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_20843	QLVSVTK	AGAP006958-PA	-	37	0.001281031	1	774.474	3.04	Malpighian tubule	2L:-:40256813-40256793	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_21035	NSAFVER	AGAP006958-PA	-	50	0.000151982	2	822.411	0.18	Ovary	2L:-:40256921-40256901	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_21222	LADLLR	AGAP006958-PA	-	42	0.000559092	2	700.438	3.47	Malpighian tubule	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_21277	QLVSVTK	AGAP006958-PA	-	34	0.00311403	2	774.472	0.58	Visceras	2L:-:40256813-40256793	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_21285	SLTNDWEDHLAVKHFSVEGQLDFR	AGAP006958-PA	-	153	7.22E-15	1	2843.387	4.38	Malpighian tubule	2L:-:40257488-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_22221	LEDAEDDEDKK	AGAP006958-PA	-	87	1.21E-08	1	1306.565	0.32	Ovary	2L:-:40257644-40257612	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_22758	LEDAEDDEDK	AGAP006958-PA	-	76	6.55E-08	2	1178.473	2.63	Salivary gland	2L:-:40257644-40257615	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_23590	HFSVEGQLDFR	AGAP006958-PA	-	40	0.001481348	2	1334.648	-0.26	Midgut	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_24449	NSAFVER	AGAP006958-PA	-	36	0.003688009	1	822.410	-0.4	Midgut	2L:-:40256921-40256901	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_24723	TKPIWTR	AGAP006958-PA	-	42	0.000670357	1	901.528	2.49	Malpighian tubule	2L:-:40257554-40257534	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_24912	ALLFVPR	AGAP006958-PA	-	32	0.00184452	2	815.517	4.05	Larva	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_25051	GFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M7(Oxidation)	133	6.82E-13	1	2415.223	3.33	Salivary gland	2L:-:40256888-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_25557	YTEDEELNK	AGAP006958-PA	-	60	7.82E-06	1	1140.504	-1.52	Pupa	2L:-:40257581-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_26544	YTEDEELNK	AGAP006958-PA	-	49	0.000132436	2	1140.513	6.19	Male reproductive organs	2L:-:40257581-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_26787	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl)	135	1.41E-13	1	2154.908	2.39	Malpighian tubule	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_26938	NADDISQEEYGEFYK	AGAP006958-PA	-	138	9.38E-14	1	1807.770	2.24	Head	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_27904	MPFDLFENK	AGAP006958-PA	M1(Oxidation)	63	4.73E-06	1	1156.535	0.28	Salivary gland	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_28041	ENQTQIYFITGESIDQVKNSAFVER	AGAP006958-PA	-	84	4.53E-08	1	2916.446	2.86	Malpighian tubule	2L:-:40256975-40256901	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_28368	YTEDEELNK	AGAP006958-PA	-	56	2.10E-05	1	1140.509	2.76	Malpighian tubule	2L:-:40257581-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_28675	ALLFVPR	AGAP006958-PA	-	41	0.000285439	2	815.515	0.84	Salivary gland	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_29034	LGVHEDSQNR	AGAP006958-PA	-	62	8.21E-06	1	1154.557	2.15	Malpighian tubule	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_29206	GVVDSEDLPLNISR	AGAP006958-PA	-	97	2.80E-09	1	1513.789	1.9	Salivary gland	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_29232	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	84	6.22E-08	1	2388.180	1.82	Head	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_30162	TKPIWTR	AGAP006958-PA	-	42	0.000679852	1	901.526	0.32	Visceras	2L:-:40257554-40257534	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_30513	RMPFDLFENK	AGAP006958-PA	M2(Oxidation)	36	0.003139972	1	1312.637	0.87	Head	2L:-:40257395-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_30761	LEDAEDDEDKK	AGAP006958-PA	-	73	3.23E-07	1	1306.575	7.61	Midgut	2L:-:40257644-40257612	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_31310	NSAFVER	AGAP006958-PA	N1(Deamidated)	46	0.000376523	2	822.411	0.03	Salivary gland	2L:-:40256921-40256901	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_32801	NADDISQEEYGEFYK	AGAP006958-PA	-	124	2.12E-12	1	1807.771	2.65	Visceras	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_32880	TKPIWTR	AGAP006958-PA	-	42	0.000692178	1	901.527	1.34	Salivary gland	2L:-:40257554-40257534	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_33260	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl),"N2(Deamidated), C11(Carbamidomethyl)"	105	1.50E-10	1	2154.907	1.82	Midgut	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_33657	FYDQFSK	AGAP006958-PA	-	43	0.000766504	1	934.434	3.6	Malpighian tubule	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_35085	LGVHEDSQNR	AGAP006958-PA	-	52	7.46E-05	1	1154.559	3.22	Larva	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_35298	GVVDSEDLPLNISR	AGAP006958-PA	-	98	1.99E-09	1	1513.790	2.79	Head	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_35377	ALLFVPR	AGAP006958-PA	-	31	0.002719656	1	815.514	-0.36	Midgut	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_36001	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl),"N2(Deamidated), C11(Carbamidomethyl)"," C11(Carbamidomethyl), N14(Deamidated)"	138	6.64E-14	1	2154.904	0.35	Salivary gland	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_36201	MPFDLFENK	AGAP006958-PA	M1(Oxidation)	43	0.000535304	2	1156.535	0.81	Larva	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_36563	MPFDLFENKK	AGAP006958-PA	M1(Oxidation)	51	0.000106742	1	1268.634	0	Ovary	2L:-:40257392-40257363	exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_36837	NNIKLYVR	AGAP006958-PA	-	53	1.84E-05	1	1019.604	4.24	Malpighian tubule	2L:-:40257356-40257333	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_37824	VFIMDNCEELIPDYLNFIKGVVDSEDLPLNISR	AGAP006958-PA	M4(Oxidation), C7(Carbamidomethyl)	66	2.00E-06	1	3883.928	3.67	Malpighian tubule	2L:-:40257329-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_37833	VKYTEDEELNK	AGAP006958-PA	-	85	5.03E-08	1	1367.670	0.74	Head	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_38180	FYDQFSK	AGAP006958-PA	-	49	0.000159149	1	934.434	3.2	Ovary	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_38747	FYDQFSK	AGAP006958-PA	-	42	0.000884248	2	934.432	1.76	Larva	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_39438	ENQTQIYFITGESIDQVK	AGAP006958-PA	-	120	1.69E-11	1	2113.048	1.67	Head	2L:-:40256975-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_39793	NADDISQEEYGEFYK	AGAP006958-PA	N1(Deamidated)	144	2.35E-14	2	1807.774	4.47	Larva	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_39897	HFSVEGQLDFR	AGAP006958-PA	-	54	7.82E-05	1	1334.650	1.02	Head	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_40095	GVVDSEDLPLNISR	AGAP006958-PA	-	103	6.16E-10	1	1513.791	3.6	Visceras	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_40150	EMLQQNKILK	AGAP006958-PA	M2(Oxidation)	44	0.000364605	1	1244.707	3.03	Malpighian tubule	2L:-:40257230-40257201	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_40328	NSAFVER	AGAP006958-PA	-	43	0.000774091	1	822.409	-1.29	Male reproductive organs	2L:-:40256921-40256901	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_41906	NSAFVER	AGAP006958-PA	-	46	0.000358861	2	822.412	2.11	Malpighian tubule	2L:-:40256921-40256901	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_41961	GFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	-	55	3.58E-05	1	2415.222	2.87	Pupa	2L:-:40256888-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_42109	CLELFEELAEDK	AGAP006958-PA	C1(Carbamidomethyl)	52	9.55E-05	2	1495.699	0.39	Midgut	2L:-:40257173-40257138	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_43900	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	106	3.68E-10	1	2388.179	1.44	Malpighian tubule	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_43925	GVVDSEDLPLNISR	AGAP006958-PA	-	115	3.95E-11	1	1513.789	2.06	Malpighian tubule	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_44995	VKYTEDEELNK	AGAP006958-PA	-	81	1.39E-07	1	1367.673	3.15	Larva	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_46163	VFIMDNCEELIPDYLNFIK	AGAP006958-PA	M4(Oxidation), C7(Carbamidomethyl)	54	6.50E-05	2	2389.164	7.57	Malpighian tubule	2L:-:40257329-40257273	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_46347	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	108	2.18E-10	1	2372.180	0.03	Pupa	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_47753	VKYTEDEELNK	AGAP006958-PA	-	50	0.000140964	1	1367.669	-0.33	Midgut	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_48474	FYDQFSK	AGAP006958-PA	-	47	0.000289045	1	934.432	1.12	Pupa	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_48680	YTEDEELNK	AGAP006958-PA	-	56	1.84E-05	1	1140.504	-0.98	Head	2L:-:40257581-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_48821	QKLADLLR	AGAP006958-PA	-	34	0.00188904	1	956.593	3.89	Malpighian tubule	2L:-:40257062-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_49555	RMPFDLFENK	AGAP006958-PA	M2(Oxidation)	45	0.000402356	1	1312.641	3.94	Larva	2L:-:40257395-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_51062	GFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M7(Oxidation)	121	1.00E-11	1	2431.212	0.55	Malpighian tubule	2L:-:40256888-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_51713	CLELFEELAEDKETYK	AGAP006958-PA	C1(Carbamidomethyl)	100	1.82E-09	1	2016.953	3.11	Salivary gland	2L:-:40257173-40257126	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_53134	ENQTQIYFITGESIDQVK	AGAP006958-PA	-	70	1.48E-06	1	2113.049	1.9	Salivary gland	2L:-:40256975-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_53326	MPFDLFENK	AGAP006958-PA	-	52	8.57E-05	1	1140.541	1.07	Pupa	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_53605	EGLELPEDEAEK	AGAP006958-PA	-	57	2.34E-05	1	1358.638	4.3	Malpighian tubule	2L:-:40256792-40256757	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_54410	GVVDSEDLPLNISR	AGAP006958-PA	-	115	3.81E-11	1	1513.789	2.31	Pupa	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_55743	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl)	148	7.91E-15	1	2154.912	4.08	Ovary	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_57241	EGLELPEDEAEK	AGAP006958-PA	-	37	0.002018961	2	1358.630	-1.99	Midgut	2L:-:40256792-40256757	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_57338	LGVHEDSQNR	AGAP006958-PA	-	64	5.10E-06	1	1154.560	4.29	Ovary	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_57519	HFSVEGQLDFR	AGAP006958-PA	-	37	0.003171591	2	1334.652	2.58	Visceras	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_58438	SLTNDWEDHLAVK	AGAP006958-PA	-	95	4.95E-09	1	1527.752	5.57	Malpighian tubule	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_58623	ENQTQIYFITGESIDQVK	AGAP006958-PA	-	99	2.21E-09	1	2113.044	-0.18	Ovary	2L:-:40256975-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_59396	LEDAEDDEDKK	AGAP006958-PA	-	91	4.33E-09	1	1306.565	-0.05	Head	2L:-:40257644-40257612	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_60064	LADLLR	AGAP006958-PA	-	41	0.000693218	2	700.435	-0.98	Pupa	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_60286	GFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M7(Oxidation)	75	4.65E-07	2	2431.219	3.42	Head	2L:-:40256888-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_60503	LGVHEDSQNR	AGAP006958-PA	-	40	0.001420528	1	1154.550	-4.11	Head	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_61122	LADLLR	AGAP006958-PA	-	42	0.0004741	1	700.435	0.09	Ovary	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_61139	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	109	2.15E-10	1	2388.176	0.29	Male reproductive organs	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_61160	FYDQFSK	AGAP006958-PA	-	37	0.002874681	1	934.430	-0.38	Midgut	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_61868	NADDISQEEYGEFYK	AGAP006958-PA	-	120	4.99E-12	1	1807.771	2.78	Midgut	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_62528	LADLLR	AGAP006958-PA	-	46	0.000259707	2	700.437	2.16	Male reproductive organs	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_62921	FYDQFSK	AGAP006958-PA	-	51	0.000112531	2	934.430	-0.92	Salivary gland	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_63969	LADLLR	AGAP006958-PA	-	47	0.000164767	2	700.435	-0.89	Salivary gland	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_67344	HFSVEGQLDFR	AGAP006958-PA	-	66	4.29E-06	2	1334.656	5.32	Ovary	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_67966	HFSVEGQLDFR	AGAP006958-PA	-	50	0.000192149	2	1334.654	4.04	Larva	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_68043	GFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M7(Oxidation)	87	2.93E-08	2	2431.219	3.72	Larva	2L:-:40256888-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_68915	LGVHEDSQNR	AGAP006958-PA	-	60	1.42E-05	1	1154.564	7.56	Male reproductive organs	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_70009	YTEDEELNK	AGAP006958-PA	-	57	1.68E-05	1	1140.510	3.47	Larva	2L:-:40257581-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_70101	EGLELPEDEAEKK	AGAP006958-PA	-	53	6.75E-05	1	1486.724	-1.98	Salivary gland	2L:-:40256792-40256754	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_70208	KFYDQFSK	AGAP006958-PA	-	37	0.003960535	1	1062.529	3.04	Malpighian tubule	2L:-:40257125-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_70898	EGLELPEDEAEKK	AGAP006958-PA	-	82	8.90E-08	1	1486.727	-0.34	Midgut	2L:-:40256792-40256754	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_71587	ENQTQIYFITGESIDQVK	AGAP006958-PA	-	95	4.51E-09	1	2113.049	1.9	Visceras	2L:-:40256975-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_72362	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl)	143	2.53E-14	1	2154.911	3.4	Visceras	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_72409	GFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M7(Oxidation)	112	8.54E-11	2	2431.208	-1.1	Midgut	2L:-:40256888-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_72631	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl)	147	7.76E-15	1	2154.902	-0.79	Male reproductive organs	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_72979	FYDQFSK	AGAP006958-PA	-	40	0.001352917	1	934.430	-0.9	Head	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_73799	YTEDEELNKTKPIWTR	AGAP006958-PA	-	121	1.10E-11	1	2023.024	5.52	Malpighian tubule	2L:-:40257581-40257534	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_74349	FYDQFSK	AGAP006958-PA	-	41	0.001011354	2	934.431	0.13	Male reproductive organs	2L:-:40257122-40257102	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_74485	RMPFDLFENK	AGAP006958-PA	M2(Oxidation)	48	0.000193024	1	1312.640	3.56	Ovary	2L:-:40257395-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_74630	SLTNDWEDHLAVK	AGAP006958-PA	-	103	7.17E-10	1	1527.753	5.73	Larva	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_74784	GVVDSEDLPLNISR	AGAP006958-PA	-	101	9.11E-10	1	1513.788	1.34	Male reproductive organs	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_75162	MPFDLFENK	AGAP006958-PA	-	43	0.000615042	2	1140.543	2.89	Visceras	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_76783	LADLLR	AGAP006958-PA	-	38	0.001348518	2	700.434	-2.02	Head	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_78717	YTEDEELNK	AGAP006958-PA	-	57	2.11E-05	2	1140.513	6.19	Salivary gland	2L:-:40257581-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_78753	EGLELPEDEAEK	AGAP006958-PA	-	76	2.72E-07	1	1358.635	2.2	Salivary gland	2L:-:40256792-40256757	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_81481	ALLFVPR	AGAP006958-PA	-	37	0.000722576	2	815.519	6.3	Malpighian tubule	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_81952	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	106	3.50E-10	2	2372.181	0.16	Ovary	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_82143	ALLFVPR	AGAP006958-PA	-	38	0.000480301	2	815.514	0.16	Head	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_82460	EGLELPEDEAEKK	AGAP006958-PA	-	65	4.82E-06	1	1486.729	0.9	Ovary	2L:-:40256792-40256754	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_82761	LGVHEDSQNR	AGAP006958-PA	-	49	0.000197395	1	1154.556	0.58	Visceras	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_83192	ALLFVPR	AGAP006958-PA	-	41	0.00024407	2	815.514	0.01	Male reproductive organs	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_83306	RGFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M8(Oxidation)	38	0.001801849	1	2587.320	3.4	Ovary	2L:-:40256891-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_83603	GVVDSEDLPLNISR	AGAP006958-PA	-	96	3.62E-09	1	1513.786	0.05	Midgut	2L:-:40257272-40257231	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_84465	VFIMDNCEELIPDYLNFIK	AGAP006958-PA	M4(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	111	1.11E-10	1	2373.155	1.67	Salivary gland	2L:-:40257329-40257273	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_86863	SLTNDWEDHLAVK	AGAP006958-PA	-	97	3.17E-09	1	1527.752	5.41	Ovary	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_88089	LGVHEDSQNR	AGAP006958-PA	-	62	9.25E-06	1	1154.558	2.55	Salivary gland	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_88194	LEDAEDDEDK	AGAP006958-PA	-	65	6.91E-07	2	1178.470	0.56	Head	2L:-:40257644-40257615	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_89120	MPFDLFENK	AGAP006958-PA	M1(Oxidation)	48	0.000169278	2	1156.535	0.81	Ovary	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_89547	GFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M7(Oxidation)	153	6.25E-15	1	2431.217	2.82	Ovary	2L:-:40256888-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_90914	YTEDEELNKTKPIWTR	AGAP006958-PA	-	81	1.08E-07	1	2023.012	-0.58	Male reproductive organs	2L:-:40257581-40257534	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_91280	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	100	1.76E-09	1	2388.182	2.82	Visceras	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_91365	DDEPKLEDAEDDEDK	AGAP006958-PA	-	98	3.91E-10	1	1762.720	3.23	Midgut	2L:-:40257659-40257615	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_91768	RMPFDLFENK	AGAP006958-PA	M2(Oxidation)	55	4.74E-05	1	1312.637	1.09	Male reproductive organs	2L:-:40257395-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_92477	LGVHEDSQNR	AGAP006958-PA	-	64	5.48E-06	1	1154.554	-1.22	Midgut	2L:-:40257092-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_92803	QLVSVTK	AGAP006958-PA	-	35	0.002221057	2	774.475	3.89	Ovary	2L:-:40256813-40256793	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_96390	QLVSVTK	AGAP006958-PA	-	48	9.00E-05	2	774.471	-0.68	Salivary gland	2L:-:40256813-40256793	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_97813	MPFDLFENK	AGAP006958-PA	-	50	0.000113476	2	1140.543	2.79	Head	2L:-:40257392-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_99207	HSQFIGYPIKLLVEK	AGAP006958-PA	-	87	5.88E-09	1	1772.019	4.69	Malpighian tubule	2L:-:40257773-40257729	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_100008	LADLLRFNTSASGDEYCSLNDYVGR	AGAP006958-PA	C17(Carbamidomethyl)	57	2.91E-05	1	2836.336	5.28	Malpighian tubule	2L:-:40257056-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_100482	SLTNDWEDHLAVK	AGAP006958-PA	-	106	3.84E-10	1	1527.745	0.61	Male reproductive organs	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_100685	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	104	6.66E-10	2	2388.171	-1.6	Midgut	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_102209	RGFEVIYMTEPIDEYVIQQLK	AGAP006958-PA	M8(Oxidation)	78	1.73E-07	3	2571.328	4.32	Salivary gland	2L:-:40256891-40256829	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_102818	LADLLR	AGAP006958-PA	-	39	0.001083602	2	700.435	0.24	Visceras	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_103327	SLTNDWEDHLAVK	AGAP006958-PA	-	86	4.14E-08	1	1527.745	0.61	Midgut	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_103795	LEDAEDDEDKK	AGAP006958-PA	-	68	7.88E-07	1	1306.565	0.41	Malpighian tubule	2L:-:40257644-40257612	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_104169	YTEDEELNK	AGAP006958-PA	-	56	2.12E-05	1	1140.510	3.51	Ovary	2L:-:40257581-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_104183	VKYTEDEELNK	AGAP006958-PA	-	76	3.62E-07	1	1367.674	3.33	Male reproductive organs	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_104449	NLKLGVHEDSQNR	AGAP006958-PA	-	80	1.45E-07	1	1509.782	3.4	Malpighian tubule	2L:-:40257101-40257063	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_105707	SLTNDWEDHLAVK	AGAP006958-PA	N4(Deamidated)	106	3.57E-10	1	1527.746	1.17	Salivary gland	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_106478	LLVEKER	AGAP006958-PA	-	49	0.000143996	2	886.533	-2.75	Salivary gland	2L:-:40257743-40257723	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_106989	QLVSVTKEGLELPEDEAEK	AGAP006958-PA	-	60	1.13E-05	1	2114.098	5.38	Malpighian tubule	2L:-:40256813-40256757	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_107810	MKENQTQIYFITGESIDQVK	AGAP006958-PA	M1(Oxidation)	121	1.13E-11	1	2388.187	4.81	Larva	2L:-:40256981-40256922	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_108724	HFSVEGQLDFR	AGAP006958-PA	-	64	6.15E-06	2	1334.645	-2.64	Pupa	2L:-:40257449-40257417	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_108840	RMPFDLFENK	AGAP006958-PA	M2(Oxidation)	52	9.47E-05	1	1312.638	1.8	Salivary gland	2L:-:40257395-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_109451	LLVEKER	AGAP006958-PA	-	45	0.000394529	2	886.538	2.34	Malpighian tubule	2L:-:40257743-40257723	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_109653	FYDQFSKNLK	AGAP006958-PA	-	59	2.12E-05	1	1289.658	4.36	Malpighian tubule	2L:-:40257122-40257093	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_110544	NADDISQEEYGEFYK	AGAP006958-PA	-	143	2.50E-14	1	1807.767	0.49	Male reproductive organs	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_110746	FNTSASGDEYCSLNDYVGR	AGAP006958-PA	C11(Carbamidomethyl),"N2(Deamidated), C11(Carbamidomethyl)"	153	2.38E-15	1	2154.905	0.69	Head	2L:-:40257038-40256982	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_110884	NADDISQEEYGEFYKSLTNDWEDHLAVK	AGAP006958-PA	-	99	1.36E-09	1	3316.511	5.67	Malpighian tubule	2L:-:40257533-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_112301	EGLELPEDEAEK	AGAP006958-PA	-	72	6.49E-07	1	1358.635	1.88	Ovary	2L:-:40256792-40256757	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_112814	LADLLR	AGAP006958-PA	-	35	0.0030025	2	700.437	3.21	Larva	2L:-:40257056-40257039	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_113125	RMPFDLFENK	AGAP006958-PA	-	41	0.00136898	1	1296.642	1.29	Pupa	2L:-:40257395-40257366	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_114619	SLTNDWEDHLAVK	AGAP006958-PA	-	106	3.76E-10	1	1527.743	-0.59	Pupa	2L:-:40257488-40257450	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_114767	VKYTEDEELNK	AGAP006958-PA	-	81	1.17E-07	1	1367.667	-1.4	Pupa	2L:-:40257587-40257555	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_114999	NADDISQEEYGEFYK	AGAP006958-PA	Q7(Deamidated),N1(Deamidated)	137	9.71E-14	1	1807.770	2.51	Ovary	2L:-:40257533-40257489	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_115365	QLVSVTK	AGAP006958-PA	-	34	0.00232962	2	774.471	-1	Pupa	2L:-:40256813-40256793	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_115613	ALLFVPR	AGAP006958-PA	-	30	0.0034267	2	815.516	2.48	Visceras	2L:-:40257416-40257396	exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_69212	LLVEK	AGAP006958-PA,AGAP005882-PA,AGAP003019-PA	-	38	0.001526944	1	601.393	2.43	Malpighian tubule	2L:-:40257743-40257729;2L:-:23133994-23133980;2R:-:31203083-31203069	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP005882-PA;exon=> In CDS Exon 5 of transcript AGAP003019-PA
JHU_Ag_8341	EDQLEYLEESKIK	AGAP006958-PA,AGAP006959-PA	-	45	0.000486984	1	1623.813	0.94	Ovary	2L:-:40257827-40257789;2L:+:40261722-40261760	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_11721	HSQFIGYPIK	AGAP006958-PA,AGAP006959-PA	-	56	4.20E-05	1	1189.638	0.88	Malpighian tubule	2L:-:40257773-40257744;2L:+:40261776-40261805	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_15865	EDQLEYLEESK	AGAP006958-PA,AGAP006959-PA	-	67	2.41E-06	2	1382.635	2.31	Larva	2L:-:40257827-40257795;2L:+:40261722-40261754	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_34349	EDQLEYLEESK	AGAP006958-PA,AGAP006959-PA	-	62	6.15E-06	1	1382.632	0.01	Malpighian tubule	2L:-:40257827-40257795;2L:+:40261722-40261754	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_36669	FENLCK	AGAP006958-PA,AGAP006959-PA	C5(Carbamidomethyl)	38	0.001445455	1	810.385	3.9	Ovary	2L:-:40256729-40256712;2L:+:40262696-40262713	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA
JHU_Ag_47593	IVLHIKEDQLEYLEESK	AGAP006958-PA,AGAP006959-PA	-	125	2.87E-12	1	2086.111	1.81	Visceras	2L:-:40257845-40257795;2L:+:40261704-40261754	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_52400	HSQFIGYPIK	AGAP006958-PA,AGAP006959-PA	-	63	8.50E-06	1	1189.640	2.83	Ovary	2L:-:40257773-40257744;2L:+:40261776-40261805	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_65990	HSQFIGYPIK	AGAP006958-PA,AGAP006959-PA	-	63	6.49E-06	1	1189.643	5.4	Larva	2L:-:40257773-40257744;2L:+:40261776-40261805	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_79656	IVLHIKEDQLEYLEESK	AGAP006958-PA,AGAP006959-PA	-	125	2.68E-12	1	2086.110	1.72	Malpighian tubule	2L:-:40257845-40257795;2L:+:40261704-40261754	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA

JHU_Ag_93288	EDQLEYLEESK	AGAP006958-PA,AGAP006959-PA	-	88	1.77E-08	2	1382.633	0.54	Ovary	2L:-:40257827-40257795;2L:+:40261722-40261754	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_100688	IVLHIKEDQLEYLEESK	AGAP006958-PA,AGAP006959-PA	-	140	7.91E-14	1	2086.115	4.09	Larva	2L:-:40257845-40257795;2L:+:40261704-40261754	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_112875	HSQFIGYPIK	AGAP006958-PA,AGAP006959-PA	-	56	4.24E-05	1	1189.634	-1.68	Visceras	2L:-:40257773-40257744;2L:+:40261776-40261805	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_117045	IVLHIKEDQLEYLEESK	AGAP006958-PA,AGAP006959-PA	-	141	5.85E-14	1	2086.116	4.61	Ovary	2L:-:40257845-40257795;2L:+:40261704-40261754	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA
JHU_Ag_766	ELISNSSDALDK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	59	2.14E-05	1	1291.640	2.11	Visceras	2L:-:40258262-40258227;2L:+:40261287-40261322;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_5209	IIPNKEAGTLTLIDTGIGMTK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	M19(Oxidation)	74	1.71E-07	1	2202.208	1.22	Ovary	2L:-:40258163-40258101;2L:+:40261386-40261448;2L:+:40269509-40269571	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_7256	ELISNSSDALDKIR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	61	1.10E-05	1	1560.826	2.16	Malpighian tubule	2L:-:40258262-40258221;2L:+:40261287-40261328;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_8395	ELISNSSDALDKIR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	77	2.58E-07	1	1560.825	1.38	Visceras	2L:-:40258262-40258221;2L:+:40261287-40261328;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_9504	EAGTLTLIDTGIGMTK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	M14(Oxidation)	93	6.14E-09	2	1636.850	2.27	Larva	2L:-:40258148-40258101;2L:+:40261401-40261448;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_17990	HLEINPDHAIIETLR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	59	1.03E-05	1	1770.958	4.53	Larva	2L:-:40256534-40256490;2L:+:40262891-40262935;2L:+:40270896-40270940	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_20460	ELISNSSDALDKIR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	69	1.90E-06	2	1560.830	4.27	Larva	2L:-:40258262-40258221;2L:+:40261287-40261328;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_20883	LVDSPCCIVTSQYGWSANMER	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	77	1.81E-07	1	2473.102	2.94	Visceras	2L:-:40256657-40256595;2L:+:40262768-40262830;2L:+:40270773-40270835	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA

JHU_Ag_21013	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	190	8.22E-19	1	3169.411	0.36	Ovary	2L:-:40257941-40257855;2L:+:40261608-40261694;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_25315	KHLEINPDHAIIETLR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	57	1.10E-05	1	1899.051	3.38	Ovary	2L:-:40256537-40256490;2L:+:40262888-40262935;2L:+:40270893-40270940	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_27192	EAGTLTLIDTGIGMTK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	100	1.14E-09	1	1620.857	3.75	Visceras	2L:-:40258148-40258101;2L:+:40261401-40261448;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_31023	YESLTDPSK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	43	0.000707626	2	1039.497	2.87	Ovary	2L:-:40258220-40258194;2L:+:40261329-40261355;2L:+:40269452-40269478	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_31780	YESLTDPSKLESGK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	81	1.18E-07	1	1553.771	0.74	Ovary	2L:-:40258220-40258179;2L:+:40261329-40261370;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_41665	HLEINPDHAIIETLR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	121	7.04E-12	1	1770.957	4.05	Visceras	2L:-:40256534-40256490;2L:+:40262891-40262935;2L:+:40270896-40270940	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_42874	HLEINPDHAIIETLR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	N5(Deamidated)	115	2.68E-11	1	1770.957	3.91	Ovary	2L:-:40256534-40256490;2L:+:40262891-40262935;2L:+:40270896-40270940	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_44615	LVDSPCCIVTSQYGWSANMER	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	C6(Carbamidomethyl), C7(Carbamidomethyl), M19(Oxidation),"C6(Carbamidomethyl), C7(Carbamidomethyl)"	105	2.78E-10	1	2473.101	2.59	Ovary	2L:-:40256657-40256595;2L:+:40262768-40262830;2L:+:40270773-40270835	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_46688	YESLTDPSK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	47	0.000277505	1	1039.496	1.22	Malpighian tubule	2L:-:40258220-40258194;2L:+:40261329-40261355;2L:+:40269452-40269478	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_46749	ELFIK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	34	0.001057202	1	649.392	0.65	Ovary	2L:-:40258178-40258164;2L:+:40261371-40261385;2L:+:40269494-40269508	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_47628	ADLVNNLGTIAK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	89	9.96E-09	1	1228.696	5.05	Larva	2L:-:40258100-40258065;2L:+:40261449-40261484;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA

JHU_Ag_50479	ELISNSSDALDK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	74	7.60E-07	1	1291.639	1.29	Ovary	2L:-:40258262-40258227;2L:+:40261287-40261322;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_57253	ELISNSSDALDKIR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	112	9.21E-11	1	1560.830	4.27	Ovary	2L:-:40258262-40258221;2L:+:40261287-40261328;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_64809	ELISNSSDALDK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	60	1.87E-05	2	1291.642	2.99	Larva	2L:-:40258262-40258227;2L:+:40261287-40261322;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_71863	DLVILLFETALLSSGFSLDEPGTHASR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	87	1.29E-08	3	2888.518	4.74	Ovary	2L:-:40256450-40256370;2L:+:40262975-40263055;2L:+:40270980-40271060	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_74774	KHLEINPDHAIIETLR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	60	5.68E-06	1	1899.048	1.9	Visceras	2L:-:40256537-40256490;2L:+:40262888-40262935;2L:+:40270893-40270940	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_77773	YESLTDPSKLESGK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	106	3.65E-10	1	1553.770	0.59	Visceras	2L:-:40258220-40258179;2L:+:40261329-40261370;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_78637	ADLVNNLGTIAK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	93	5.07E-09	1	1228.696	5.55	Ovary	2L:-:40258100-40258065;2L:+:40261449-40261484;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_81775	YESLTDPSKLESGK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	69	1.75E-06	1	1553.774	2.86	Larva	2L:-:40258220-40258179;2L:+:40261329-40261370;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_81884	EAGTLTLIDTGIGMTK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	M14(Oxidation)	98	2.19E-09	1	1636.852	3.76	Ovary	2L:-:40258148-40258101;2L:+:40261401-40261448;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_85187	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	170	7.55E-17	1	3169.416	2.21	Visceras	2L:-:40257941-40257855;2L:+:40261608-40261694;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_89610	IVLHIK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	29	0.000342075	1	722.493	0.51	Visceras	2L:-:40257845-40257828;2L:+:40261704-40261721;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA

JHU_Ag_92785	ELISNSSDALDK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	68	2.77E-06	2	1291.641	2.71	Malpighian tubule	2L:-:40258262-40258227;2L:+:40261287-40261322;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_93384	HLEINPDHAIIETLR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	120	7.63E-12	1	1770.960	5.5	Malpighian tubule	2L:-:40256534-40256490;2L:+:40262891-40262935;2L:+:40270896-40270940	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_94038	IVLHIK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	40	3.21E-05	2	722.494	2.37	Larva	2L:-:40257845-40257828;2L:+:40261704-40261721;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_97180	IVLHIK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	46	7.80E-06	2	722.496	5.08	Malpighian tubule	2L:-:40257845-40257828;2L:+:40261704-40261721;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_100533	IVLHIK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	31	0.000266147	1	722.496	4.57	Ovary	2L:-:40257845-40257828;2L:+:40261704-40261721;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_107668	ADLVNNLGTIAK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	89	1.16E-08	1	1228.692	1.87	Malpighian tubule	2L:-:40258100-40258065;2L:+:40261449-40261484;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_108817	ADLVNNLGTIAK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	95	2.62E-09	1	1228.691	0.88	Visceras	2L:-:40258100-40258065;2L:+:40261449-40261484;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_108982	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	159	1.08E-15	1	3169.421	3.59	Larva	2L:-:40257941-40257855;2L:+:40261608-40261694;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_109045	IRYESLTDPSK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	47	0.000323083	2	1308.683	2.36	Ovary	2L:-:40258226-40258194;2L:+:40261323-40261355;2L:+:40269446-40269478	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_110776	YESLTDPSK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	-	40	0.001272928	2	1039.497	2.87	Larva	2L:-:40258220-40258194;2L:+:40261329-40261355;2L:+:40269452-40269478	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_111284	EAGTLTLIDTGIGMTK	AGAP006958-PA,AGAP006959-PA,AGAP006961-PA	M14(Oxidation)	100	1.12E-09	1	1620.852	0.13	Malpighian tubule	2L:-:40258148-40258101;2L:+:40261401-40261448;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA

JHU_Ag_99792	PEPQEGETFAFQAEIAQLMSLIINTFYSNK	AGAP006958-PA,AGAP006961-PA	M19(Oxidation)	111	1.09E-10	1	3432.671	1.14	Ovary	2L:-:40258367-40258278;2L:+:40269305-40269394	exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_13253	IVLHIKEDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	120	8.80E-12	1	2086.116	4.61	Malpighian tubule	2L:+:40261704-40261754;2L:-:40257845-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_26784	QIVNKHSQFIGYPIK	AGAP006959-PA,AGAP006958-PA	-	79	6.77E-08	1	1771.993	4.32	Malpighian tubule	2L:+:40261761-40261805;2L:-:40257788-40257744	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_30831	HSQFIGYPIK	AGAP006959-PA,AGAP006958-PA	Q3(Deamidated)	74	5.75E-07	1	1189.637	0.78	Head	2L:+:40261776-40261805;2L:-:40257773-40257744	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_34806	IVLHIKEDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	145	2.62E-14	1	2086.110	1.75	Male reproductive organs	2L:+:40261704-40261754;2L:-:40257845-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_53698	IVLHIKEDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	140	9.07E-14	1	2086.115	3.74	Salivary gland	2L:+:40261704-40261754;2L:-:40257845-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_54949	IVLHIKEDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	99	1.23E-09	1	2086.112	2.6	Head	2L:+:40261704-40261754;2L:-:40257845-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_63140	FENLCK	AGAP006959-PA,AGAP006958-PA	C5(Carbamidomethyl)	36	0.00198834	2	810.380	-2.07	Pupa	2L:+:40262696-40262713;2L:-:40256729-40256712	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_63162	EDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	75	2.91E-07	1	1382.633	0.45	Salivary gland	2L:+:40261722-40261754;2L:-:40257827-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_72718	EDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	80	1.09E-07	1	1382.634	1.07	Head	2L:+:40261722-40261754;2L:-:40257827-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_75091	EDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	82	6.19E-08	2	1382.632	-0.16	Male reproductive organs	2L:+:40261722-40261754;2L:-:40257827-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_79157	HSQFIGYPIK	AGAP006959-PA,AGAP006958-PA	-	56	4.13E-05	1	1189.645	7.3	Male reproductive organs	2L:+:40261776-40261805;2L:-:40257773-40257744	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_83390	HSQFIGYPIK	AGAP006959-PA,AGAP006958-PA	-	74	6.12E-07	1	1189.642	4.47	Malpighian tubule	2L:+:40261776-40261805;2L:-:40257773-40257744	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_92444	HSQFIGYPIK	AGAP006959-PA,AGAP006958-PA	-	59	2.31E-05	2	1189.635	-1.58	Midgut	2L:+:40261776-40261805;2L:-:40257773-40257744	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA

JHU_Ag_96154	IVLHIKEDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	130	9.87E-13	1	2086.106	-0.47	Pupa	2L:+:40261704-40261754;2L:-:40257845-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_99641	HSQFIGYPIK	AGAP006959-PA,AGAP006958-PA	-	74	5.94E-07	1	1189.637	0.47	Pupa	2L:+:40261776-40261805;2L:-:40257773-40257744	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_105071	EDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	71	8.73E-07	2	1382.634	0.98	Pupa	2L:+:40261722-40261754;2L:-:40257827-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_107454	HSQFIGYPIK	AGAP006959-PA,AGAP006958-PA	-	74	5.91E-07	1	1189.636	-0.04	Salivary gland	2L:+:40261776-40261805;2L:-:40257773-40257744	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_108558	EDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	68	1.66E-06	2	1382.632	0.01	Midgut	2L:+:40261722-40261754;2L:-:40257827-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_112555	IVLHIKEDQLEYLEESK	AGAP006959-PA,AGAP006958-PA	-	135	3.34E-13	1	2086.104	-1.52	Midgut	2L:+:40261704-40261754;2L:-:40257845-40257795	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA
JHU_Ag_2257	DSSAMGYMAGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	75	5.34E-08	2	1133.462	1.31	Head	2L:+:40262855-40262887;2L:-:40256570-40256538;2L:+:40270860-40270892	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_3541	YESLTDPSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	45	0.000426484	2	1039.494	-0.42	Pupa	2L:+:40261329-40261355;2L:-:40258220-40258194;2L:+:40269452-40269478	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_3875	ELISNSSDALDKIR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	79	1.72E-07	2	1560.822	-0.42	Midgut	2L:+:40261287-40261328;2L:-:40258262-40258221;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_4237	ADLVNNLGTIAK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	N5(Deamidated)	93	5.08E-09	1	1228.690	0.38	Salivary gland	2L:+:40261449-40261484;2L:-:40258100-40258065;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_5794	HLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	121	6.76E-12	1	1770.961	6.12	Malpighian tubule	2L:+:40262891-40262935;2L:-:40256534-40256490;2L:+:40270896-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_6719	DSSAMGYMAGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M5(Oxidation), M8(Oxidation)	71	2.49E-07	2	1117.464	-0.93	Salivary gland	2L:+:40262855-40262887;2L:-:40256570-40256538;2L:+:40270860-40270892	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA

JHU_Ag_8031	IVLHIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	34	0.000126801	2	722.493	1.36	Salivary gland	2L:+:40261704-40261721;2L:-:40257845-40257828;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_10767	EAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M14(Oxidation)	96	2.84E-09	2	1620.856	3.07	Pupa	2L:+:40261401-40261448;2L:-:40258148-40258101;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_11112	ADLVNNLGTIAK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	62	5.54E-06	2	1228.688	-1.11	Head	2L:+:40261449-40261484;2L:-:40258100-40258065;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_14662	ELISNSSDALDK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	75	6.63E-07	1	1291.639	0.91	Head	2L:+:40261287-40261322;2L:-:40258262-40258227;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_16014	ELISNSSDALDK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	54	8.26E-05	2	1291.638	0.06	Male reproductive organs	2L:+:40261287-40261322;2L:-:40258262-40258227;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_16239	IVLHIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	29	0.000352469	2	722.494	1.87	Male reproductive organs	2L:+:40261704-40261721;2L:-:40257845-40257828;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_16945	EAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M14(Oxidation)	107	2.19E-10	2	1620.853	1.04	Midgut	2L:+:40261401-40261448;2L:-:40258148-40258101;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_18185	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	201	7.00E-20	1	3169.416	1.98	Head	2L:+:40261608-40261694;2L:-:40257941-40257855;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_20083	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	157	1.90E-15	1	3169.427	5.44	Malpighian tubule	2L:+:40261608-40261694;2L:-:40257941-40257855;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_22351	KHLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	87	1.14E-08	1	1899.054	4.67	Malpighian tubule	2L:+:40262888-40262935;2L:-:40256537-40256490;2L:+:40270893-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_22761	HLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	128	1.46E-12	1	1770.953	1.71	Salivary gland	2L:+:40262891-40262935;2L:-:40256534-40256490;2L:+:40270896-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA

JHU_Ag_25317	ADLVNNLGTIAK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	N5(Deamidated)	85	2.89E-08	1	1228.690	0.28	Male reproductive organs	2L:+:40261449-40261484;2L:-:40258100-40258065;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_25587	IIPNKEAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M19(Oxidation)	85	1.32E-08	1	2186.212	1.02	Pupa	2L:+:40261386-40261448;2L:-:40258163-40258101;2L:+:40269509-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_27801	EAGTLTLIDTGIGMTKADLVNNLGTIAK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M14(Oxidation)	74	2.27E-07	1	2846.528	3.45	Malpighian tubule	2L:+:40261401-40261484;2L:-:40258148-40258065;2L:+:40269524-40269607	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_29069	EAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M14(Oxidation)	84	4.06E-08	2	1620.857	3.6	Head	2L:+:40261401-40261448;2L:-:40258148-40258101;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_31420	YESLTDPSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	60	1.31E-05	2	1039.495	0.99	Salivary gland	2L:+:40261329-40261355;2L:-:40258220-40258194;2L:+:40269452-40269478	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_34378	EAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M14(Oxidation)	103	6.33E-10	1	1620.855	2.32	Salivary gland	2L:+:40261401-40261448;2L:-:40258148-40258101;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_36822	ELISNSSDALDKIR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	86	3.11E-08	2	1560.826	1.77	Head	2L:+:40261287-40261328;2L:-:40258262-40258221;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_38678	ELISNSSDALDKIR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	101	1.03E-09	1	1560.825	1.61	Male reproductive organs	2L:+:40261287-40261328;2L:-:40258262-40258221;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_39821	KHLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	88	9.36E-09	1	1899.045	0.29	Salivary gland	2L:+:40262888-40262935;2L:-:40256537-40256490;2L:+:40270893-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_40679	ELISNSSDALDK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	N5(Deamidated)	81	1.50E-07	1	1291.637	-0.22	Pupa	2L:+:40261287-40261322;2L:-:40258262-40258227;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_41950	ELISNSSDALDKIR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	68	2.04E-06	1	1560.830	4.82	Malpighian tubule	2L:+:40261287-40261328;2L:-:40258262-40258221;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA

JHU_Ag_42819	LVDSPCCIVTSQYGWSANMER	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	C6(Carbamidomethyl), C7(Carbamidomethyl), M19(Oxidation),"C6(Carbamidomethyl), C7(Carbamidomethyl)"	83	4.25E-08	1	2489.099	3.98	Malpighian tubule	2L:+:40262768-40262830;2L:-:40256657-40256595;2L:+:40270773-40270835	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_42915	IVLHIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	39	3.79E-05	1	722.491	-2.36	Head	2L:+:40261704-40261721;2L:-:40257845-40257828;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_43166	ELFIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	34	0.001191676	1	649.392	-0.57	Male reproductive organs	2L:+:40261371-40261385;2L:-:40258178-40258164;2L:+:40269494-40269508	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_43773	LVDSPCCIVTSQYGWSANMER	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	C6(Carbamidomethyl), C7(Carbamidomethyl), M19(Oxidation)	115	2.67E-11	1	2489.091	0.55	Male reproductive organs	2L:+:40262768-40262830;2L:-:40256657-40256595;2L:+:40270773-40270835	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_44302	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	204	3.15E-20	1	3169.409	-0.22	Pupa	2L:+:40261608-40261694;2L:-:40257941-40257855;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_45678	IRYESLTDPSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	46	0.000384319	2	1308.680	0.5	Salivary gland	2L:+:40261323-40261355;2L:-:40258226-40258194;2L:+:40269446-40269478	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_46605	ELISNSSDALDKIR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	97	2.86E-09	1	1560.826	2	Pupa	2L:+:40261287-40261328;2L:-:40258262-40258221;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_48330	LESGKELFIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	60	3.93E-06	1	1163.672	3.82	Malpighian tubule	2L:+:40261356-40261385;2L:-:40258193-40258164;2L:+:40269479-40269508	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_49583	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	198	1.42E-19	1	3169.417	2.32	Salivary gland	2L:+:40261608-40261694;2L:-:40257941-40257855;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_50695	HLEINPDHAIIETLRQR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	84	2.21E-08	1	2055.118	4.29	Malpighian tubule	2L:+:40262891-40262941;2L:-:40256534-40256484;2L:+:40270896-40270946	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_52696	VMVSNRLVDSPCCIVTSQYGWSANMER	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	C12(Carbamidomethyl), C13(Carbamidomethyl), M25(Oxidation)	92	7.26E-09	1	3175.453	3.09	Malpighian tubule	2L:+:40262750-40262830;2L:-:40256675-40256595;2L:+:40270755-40270835	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA

JHU_Ag_55606	YESLTDPSKLESGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	56	3.32E-05	1	1553.776	4.44	Malpighian tubule	2L:+:40261329-40261370;2L:-:40258220-40258179;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_58074	IRYESLTDPSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	44	0.000588267	2	1308.681	1.43	Pupa	2L:+:40261323-40261355;2L:-:40258226-40258194;2L:+:40269446-40269478	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_58814	HLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	88	1.43E-08	1	1770.949	-0.54	Midgut	2L:+:40262891-40262935;2L:-:40256534-40256490;2L:+:40270896-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_58952	ELISNSSDALDK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	77	3.78E-07	1	1291.637	-0.22	Midgut	2L:+:40261287-40261322;2L:-:40258262-40258227;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_62636	YESLTDPSKLESGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	81	1.22E-07	1	1553.770	0.27	Salivary gland	2L:+:40261329-40261370;2L:-:40258220-40258179;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_63290	HLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	114	4.09E-11	1	1770.951	0.49	Pupa	2L:+:40262891-40262935;2L:-:40256534-40256490;2L:+:40270896-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_64217	KHLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	57	1.53E-05	1	1899.043	-1.12	Male reproductive organs	2L:+:40262888-40262935;2L:-:40256537-40256490;2L:+:40270893-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_67749	DSSAMGYMAGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M5(Oxidation),"M5(Oxidation), M8(Oxidation)"	60	2.14E-06	2	1149.458	2.1	Malpighian tubule	2L:+:40262855-40262887;2L:-:40256570-40256538;2L:+:40270860-40270892	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_68182	IRYESLTDPSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	64	6.86E-06	1	1308.676	-2.77	Head	2L:+:40261323-40261355;2L:-:40258226-40258194;2L:+:40269446-40269478	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_69486	YESLTDPSKLESGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	95	4.57E-09	1	1553.771	0.9	Pupa	2L:+:40261329-40261370;2L:-:40258220-40258179;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_69916	VVVTSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	38	0.000275596	1	632.398	-0.02	Salivary gland	2L:+:40261590-40261607;2L:-:40257959-40257942;2L:+:40269713-40269730	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA

JHU_Ag_70242	LVDSPCCIVTSQYGWSANMER	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	C6(Carbamidomethyl), C7(Carbamidomethyl), M19(Oxidation)	85	2.36E-08	2	2489.093	1.34	Head	2L:+:40262768-40262830;2L:-:40256657-40256595;2L:+:40270773-40270835	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_75547	ADLVNNLGTIAK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	97	1.67E-09	1	1228.695	4.46	Malpighian tubule	2L:+:40261449-40261484;2L:-:40258100-40258065;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_76289	ELISNSSDALDKIR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	85	4.69E-08	1	1560.830	4.43	Salivary gland	2L:+:40261287-40261328;2L:-:40258262-40258221;2L:+:40269410-40269451	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_77093	SVLESKVEK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	40	0.000704391	1	1018.580	1.84	Malpighian tubule	2L:+:40262723-40262749;2L:-:40256702-40256676;2L:+:40270728-40270754	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_79890	EAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M14(Oxidation)	72	7.97E-07	2	1620.862	6.39	Malpighian tubule	2L:+:40261401-40261448;2L:-:40258148-40258101;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_80275	IVLHIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	26	0.000820581	2	722.495	4.23	Malpighian tubule	2L:+:40261704-40261721;2L:-:40257845-40257828;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_81626	YESLTDPSKLESGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	85	4.64E-08	1	1553.769	-0.51	Male reproductive organs	2L:+:40261329-40261370;2L:-:40258220-40258179;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_85450	YESLTDPSKLESGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	56	3.86E-05	1	1553.770	0.14	Midgut	2L:+:40261329-40261370;2L:-:40258220-40258179;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_87377	ADLVNNLGTIAK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	44	0.000397773	1	1228.690	0.14	Midgut	2L:+:40261449-40261484;2L:-:40258100-40258065;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_87828	ELISNSSDALDK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	N5(Deamidated)	79	2.52E-07	1	1291.639	1.01	Salivary gland	2L:+:40261287-40261322;2L:-:40258262-40258227;2L:+:40269410-40269445	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_89297	IIPNKEAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M19(Oxidation)	67	8.92E-07	1	2202.209	1.97	Head	2L:+:40261386-40261448;2L:-:40258163-40258101;2L:+:40269509-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA

JHU_Ag_89563	EAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M14(Oxidation)	95	4.29E-09	1	1636.845	-1.09	Male reproductive organs	2L:+:40261401-40261448;2L:-:40258148-40258101;2L:+:40269524-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_90473	IIPNKEAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M19(Oxidation)	113	2.78E-11	1	2202.199	-2.77	Male reproductive organs	2L:+:40261386-40261448;2L:-:40258163-40258101;2L:+:40269509-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_91588	ELFIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	34	0.001071909	1	649.392	-0.19	Pupa	2L:+:40261371-40261385;2L:-:40258178-40258164;2L:+:40269494-40269508	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_95023	IIPNKEAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M19(Oxidation)	70	4.85E-07	1	2202.207	0.97	Midgut	2L:+:40261386-40261448;2L:-:40258163-40258101;2L:+:40269509-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_96492	IIPNKEAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M19(Oxidation)	91	3.52E-09	1	2186.209	-0.74	Salivary gland	2L:+:40261386-40261448;2L:-:40258163-40258101;2L:+:40269509-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_96621	HLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	116	2.34E-11	1	1770.952	1.43	Head	2L:+:40262891-40262935;2L:-:40256534-40256490;2L:+:40270896-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_102323	VVVTSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	30	0.001951068	1	632.401	4.51	Head	2L:+:40261590-40261607;2L:-:40257959-40257942;2L:+:40269713-40269730	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_104189	NNDDEQYVWESSAGGSFTVRPDSGEPLGR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	212	4.92E-21	1	3169.406	-1.14	Male reproductive organs	2L:+:40261608-40261694;2L:-:40257941-40257855;2L:+:40269731-40269817	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_106106	IIPNKEAGTLTLIDTGIGMTK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M19(Oxidation)	102	2.32E-10	1	2186.217	3.15	Malpighian tubule	2L:+:40261386-40261448;2L:-:40258163-40258101;2L:+:40269509-40269571	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_106348	YESLTDPSK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	40	0.001313102	1	1039.494	-0.23	Head	2L:+:40261329-40261355;2L:-:40258220-40258194;2L:+:40269452-40269478	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_106639	IVLHIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	39	3.75E-05	1	722.491	-2.1	Pupa	2L:+:40261704-40261721;2L:-:40257845-40257828;2L:+:40269827-40269844	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA

JHU_Ag_107386	YESLTDPSKLESGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	106	3.99E-10	1	1553.772	1.76	Head	2L:+:40261329-40261370;2L:-:40258220-40258179;2L:+:40269452-40269493	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_108975	ADLVNNLGTIAK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	N5(Deamidated)	84	3.26E-08	1	1228.691	0.78	Pupa	2L:+:40261449-40261484;2L:-:40258100-40258065;2L:+:40269572-40269607	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_109393	AQALRDSSAMGYMAGK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M10(Oxidation),"M10(Oxidation), M13(Oxidation)"	87	1.90E-08	1	1688.776	1.92	Malpighian tubule	2L:+:40262840-40262887;2L:-:40256585-40256538;2L:+:40270845-40270892	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_111666	DSSAMGYMAGKK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	M5(Oxidation)	68	1.20E-06	1	1245.563	2.01	Malpighian tubule	2L:+:40262855-40262890;2L:-:40256570-40256535;2L:+:40270860-40270895	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_112578	ELFIK	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	34	0.002038702	1	649.394	3.85	Malpighian tubule	2L:+:40261371-40261385;2L:-:40258178-40258164;2L:+:40269494-40269508	exon=> In CDS Exon 1 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 1 of transcript AGAP006961-PA
JHU_Ag_112909	LVDSPCCIVTSQYGWSANMER	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	C6(Carbamidomethyl), C7(Carbamidomethyl), M19(Oxidation),"C6(Carbamidomethyl), C7(Carbamidomethyl)"	139	9.34E-14	1	2489.098	3.4	Salivary gland	2L:+:40262768-40262830;2L:-:40256657-40256595;2L:+:40270773-40270835	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_114657	HLEINPDHAIIETLR	AGAP006959-PA,AGAP006958-PA,AGAP006961-PA	-	125	3.11E-12	1	1770.950	0.18	Male reproductive organs	2L:+:40262891-40262935;2L:-:40256534-40256490;2L:+:40270896-40270940	exon=> In CDS Exon 2 of transcript AGAP006959-PA;exon=> In CDS Exon 1 of transcript AGAP006958-PA;exon=> In CDS Exon 2 of transcript AGAP006961-PA
JHU_Ag_7134	AFAEGLFGR	AGAP006962-PA	-	48	0.000180471	2	967.501	1.1	Pupa	2L:+:40275866-40275892	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_8333	ISRPSPFCAAFTEDQVR	AGAP006962-PA	C8(Carbamidomethyl)	82	1.17E-07	1	1980.957	-1.15	Salivary gland	2L:+:40276154-40276204	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_8943	TMYELVR	AGAP006962-PA	M2(Oxidation)	45	0.000277433	2	927.461	0.16	Salivary gland	2L:+:40275307-40275327	exon=> In CDS Exon 1 of transcript AGAP006962-PA
JHU_Ag_9198	APDTDRQHIVPNCVPVK	AGAP006962-PA	C13(Carbamidomethyl)	35	0.005480572	1	1945.993	0.89	Salivary gland	2L:+:40275328-40275361,40275425-40275441	exon=> In CDS Exon 1 and 2 of transcript AGAP006962-PA
JHU_Ag_11688	YTTSDIPFAANVAAVK	AGAP006962-PA	-	48	0.000250805	2	1667.858	-3.47	Head	2L:+:40276451-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_12731	LPGKSEINELPK	AGAP006962-PA	-	48	8.60E-05	2	1324.748	0.7	Salivary gland	2L:+:40275472-40275507	exon=> In CDS Exon 2 of transcript AGAP006962-PA
JHU_Ag_18000	YTTSDIPFAANVAAVK	AGAP006962-PA	-	58	1.86E-05	2	1667.869	2.76	Malpighian tubule	2L:+:40276451-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_18248	YTTSDIPFAANVAAVK	AGAP006962-PA	-	62	9.25E-06	1	1667.864	0.19	Midgut	2L:+:40276451-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_20490	AFAEGLFGREEAQR	AGAP006962-PA	-	43	0.000903874	1	1580.780	-0.9	Salivary gland	2L:+:40275866-40275907	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_21319	AFAEGLFGREEAQR	AGAP006962-PA	-	61	1.24E-05	1	1580.782	0.26	Malpighian tubule	2L:+:40275866-40275907	exon=> In CDS Exon 3 of transcript AGAP006962-PA

JHU_Ag_21362	AFAEGLFGR	AGAP006962-PA	-	59	1.50E-05	2	967.500	0.22	Midgut	2L:+:40275866-40275892	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_21575	SALFTGTVWDISQR	AGAP006962-PA	-	111	1.12E-10	2	1580.811	2.94	Salivary gland	2L:+:40276034-40276075	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_22342	EKYWQVFGSGYQPAK	AGAP006962-PA	-	88	2.72E-08	1	1787.870	-2.68	Midgut	2L:+:40275773-40275817	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_25441	KYTTSDIPFAANVAAVK	AGAP006962-PA	-	81	5.72E-08	1	1795.961	1.26	Pupa	2L:+:40276448-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_26880	ISRPSPFCAAFTEDQVR	AGAP006962-PA	C8(Carbamidomethyl)	55	5.23E-05	1	1980.961	0.76	Midgut	2L:+:40276154-40276204	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_29772	FWLLSR	AGAP006962-PA	-	38	0.000859793	2	821.468	0.78	Malpighian tubule	2L:+:40275442-40275459	exon=> In CDS Exon 2 of transcript AGAP006962-PA
JHU_Ag_30189	VLEYKEDLAYYYR	AGAP006962-PA	-	111	1.25E-10	1	1724.856	1.65	Salivary gland	2L:+:40276205-40276243	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_31677	SALFTGTVWDISQR	AGAP006962-PA	-	92	1.01E-08	2	1580.811	2.86	Malpighian tubule	2L:+:40276034-40276075	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_32565	VLEYKEDLAYYYR	AGAP006962-PA	-	115	4.71E-11	1	1724.852	-0.33	Midgut	2L:+:40276205-40276243	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_34952	YWQVFGSGYQPAK	AGAP006962-PA	Q3(Deamidated)	117	3.00E-11	1	1530.737	-0.34	Midgut	2L:+:40275779-40275817	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_35449	YWQVFGSGYQPAK	AGAP006962-PA	-	103	7.24E-10	1	1530.738	0.54	Salivary gland	2L:+:40275779-40275817	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_37125	FWLLSR	AGAP006962-PA	-	42	0.000448291	2	821.467	0.19	Salivary gland	2L:+:40275442-40275459	exon=> In CDS Exon 2 of transcript AGAP006962-PA
JHU_Ag_37451	ISRPSPFCAAFTEDQVR	AGAP006962-PA	C8(Carbamidomethyl)	78	2.56E-07	1	1980.962	1.34	Pupa	2L:+:40276154-40276204	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_41395	VKPTPATEPDR	AGAP006962-PA	-	41	0.000803015	2	1210.643	-0.15	Salivary gland	2L:+:40275908-40275940	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_42296	LLKPYDDCPDFDANKDR	AGAP006962-PA	C8(Carbamidomethyl)	33	0.006625507	1	2081.962	0.93	Head	2L:+:40275941-40275991	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_46851	QSYGYGPSTELACHAMADMLR	AGAP006962-PA	C13(Carbamidomethyl), M16(Oxidation), M19(Oxidation),C13(Carbamidomethyl)	59	6.81E-06	1	2390.023	0.93	Salivary gland	2L:+:40276244-40276306	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_48318	SEINELPK	AGAP006962-PA	-	53	7.25E-05	2	929.493	-0.46	Salivary gland	2L:+:40275484-40275507	exon=> In CDS Exon 2 of transcript AGAP006962-PA
JHU_Ag_48716	DDPSVVAYFTHDTEIQLFLAALGAK	AGAP006962-PA	-	65	3.33E-06	3	2721.390	4.72	Salivary gland	2L:+:40276322-40276396	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_49463	SALFTGTVWDISQR	AGAP006962-PA	-	78	2.67E-07	2	1580.809	1.16	Midgut	2L:+:40276034-40276075	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_49745	VIFFLNEKPLMLDWCSVGLCNWSDVK	AGAP006962-PA	M11(Oxidation), C15(Carbamidomethyl), C20(Carbamidomethyl)	101	1.03E-09	1	3186.554	2.45	Salivary gland	2L:+:40276612-40276689	exon=> In CDS Exon 4 of transcript AGAP006962-PA
JHU_Ag_50460	DDPSVVAYFTHDTEIQLFLAALGAK	AGAP006962-PA	-	93	6.24E-09	1	2721.378	0.15	Ovary	2L:+:40276322-40276396	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_51179	LLKPYDDCPDFDANKDR	AGAP006962-PA	C8(Carbamidomethyl)	106	3.59E-10	1	2081.958	-0.92	Salivary gland	2L:+:40275941-40275991	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_51350	AFAEGLFGREEAQR	AGAP006962-PA	-	36	0.004369324	1	1580.781	-0.7	Pupa	2L:+:40275866-40275907	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_52667	KYTTSDIPFAANVAAVK	AGAP006962-PA	-	85	2.56E-08	1	1795.959	-0.17	Salivary gland	2L:+:40276448-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_55152	STCCESYCYNDDPER	AGAP006962-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), C8(Carbamidomethyl)	76	1.29E-09	2	1955.684	-0.05	Salivary gland	2L:+:40275235-40275279	exon=> In CDS Exon 1 of transcript AGAP006962-PA

JHU_Ag_57540	SALFTGTVWDISQR	AGAP006962-PA	-	53	7.73E-05	2	1580.809	1.32	Visceras	2L:+:40276034-40276075	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_58286	MCEEDLELLR	AGAP006962-PA	C2(Carbamidomethyl),"M1(Oxidation), C2(Carbamidomethyl)"	66	2.53E-06	2	1323.594	1.55	Salivary gland	2L:+:40275647-40275676	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_62243	EKYWQVFGSGYQPAK	AGAP006962-PA	-	96	4.04E-09	1	1787.880	2.44	Salivary gland	2L:+:40275773-40275817	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_63683	SALFTGTVWDISQR	AGAP006962-PA	-	87	3.12E-08	2	1580.808	1.01	Pupa	2L:+:40276034-40276075	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_66586	AFAEGLFGR	AGAP006962-PA	-	69	1.68E-06	1	967.498	-1.42	Salivary gland	2L:+:40275866-40275892	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_77982	YTTSDIPFAANVAAVK	AGAP006962-PA	-	64	5.40E-06	2	1667.874	6.2	Pupa	2L:+:40276451-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_78777	QHIVPNCVPVK	AGAP006962-PA	C7(Carbamidomethyl)	55	4.36E-05	1	1290.698	-0.25	Salivary gland	2L:+:40275346-40275361,40275425-40275441	exon=> In CDS Exon 1 and 2 of transcript AGAP006962-PA
JHU_Ag_81040	LLKPYDDCPDFDANKDR	AGAP006962-PA	C8(Carbamidomethyl)	81	1.13E-07	1	2081.957	-1.54	Midgut	2L:+:40275941-40275991	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_83040	MCEEDLELLR	AGAP006962-PA	C2(Carbamidomethyl),"M1(Oxidation), C2(Carbamidomethyl)"	75	3.04E-07	2	1323.591	-0.39	Midgut	2L:+:40275647-40275676	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_85004	ADNFPFMR	AGAP006962-PA	M7(Oxidation)	32	0.003885006	2	1013.451	-0.07	Midgut	2L:+:40276418-40276441	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_86291	STCCESYCYNDDPERK	AGAP006962-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), C8(Carbamidomethyl)	62	2.27E-07	1	2083.778	-0.37	Salivary gland	2L:+:40275235-40275282	exon=> In CDS Exon 1 of transcript AGAP006962-PA
JHU_Ag_88879	APDTDRQHIVPNCVPVK	AGAP006962-PA	C13(Carbamidomethyl)	52	0.000108015	1	1945.990	-0.9	Pupa	2L:+:40275328-40275361,40275425-40275441	exon=> In CDS Exon 1 and 2 of transcript AGAP006962-PA
JHU_Ag_91574	DENSEVNKFLR	AGAP006962-PA	-	43	0.000857113	1	1350.666	1.06	Malpighian tubule	2L:+:40276001-40276033	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_91811	KYTTSDIPFAANVAAVK	AGAP006962-PA	-	47	0.000145813	1	1795.963	2.48	Malpighian tubule	2L:+:40276448-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_96692	SALFTGTVWDISQR	AGAP006962-PA	-	42	0.001033384	2	1580.810	2.32	Head	2L:+:40276034-40276075	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_98324	LLQDAIMDNYFTR	AGAP006962-PA	M7(Oxidation)	112	9.48E-11	1	1615.781	1.63	Salivary gland	2L:+:40275517-40275519,40275587-40275622	exon=> In CDS Exon 2 and 3 of transcript AGAP006962-PA
JHU_Ag_107768	EDLAYYYR	AGAP006962-PA	-	43	0.000501676	2	1092.498	-1.66	Salivary gland	2L:+:40276220-40276243	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_108182	RDENSEVNK	AGAP006962-PA	-	38	0.001729765	2	1090.507	-4.71	Head	2L:+:40275998-40276024	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_110184	YEQAWK	AGAP006962-PA	-	36	0.002212135	1	824.393	-0.39	Salivary gland	2L:+:40276136-40276153	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_111137	YTTSDIPFAANVAAVK	AGAP006962-PA	-	99	1.71E-09	1	1667.867	1.88	Salivary gland	2L:+:40276451-40276498	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_112299	FWLLSR	AGAP006962-PA	-	44	0.000262156	2	821.467	0.12	Pupa	2L:+:40275442-40275459	exon=> In CDS Exon 2 of transcript AGAP006962-PA
JHU_Ag_115107	YWQVFGSGYQPAK	AGAP006962-PA	-	83	7.04E-08	2	1530.740	1.33	Pupa	2L:+:40275779-40275817	exon=> In CDS Exon 3 of transcript AGAP006962-PA
JHU_Ag_6085	MHALDPETAR	AGAP006963-PA	N-Term(Acetyl), M1(Oxidation)	35	0.002791623	1	1198.552	-0.3	Male reproductive organs	2L:-:40278838-40278809	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_11245	IVGLPTGNDER	AGAP006963-PA	-	44	0.00045334	1	1170.611	-0.12	Male reproductive organs	2L:-:40278808-40278776	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_13739	LVCSTALYPLEYAK	AGAP006963-PA	C3(Carbamidomethyl)	82	8.23E-08	2	1627.841	0.87	Male reproductive organs	2L:-:40278733-40278692	exon=> In CDS Exon 1 of transcript AGAP006963-PA

JHU_Ag_13779	TLIQLGYEPIAPRPGR	AGAP006963-PA	-	59	4.49E-06	1	1781.017	5.67	Ovary	2L:-:40278691-40278838,40278504-40278553	exon=> In CDS Exon 2 and 1 of transcript AGAP006963-PA
JHU_Ag_13911	SVDGFFGCFR	AGAP006963-PA	C8(Carbamidomethyl)	52	4.87E-05	2	1191.526	0.9	Salivary gland	2L:-:40278394-40278365	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_17522	RLMLPNIFQYAAYIK	AGAP006963-PA	M3(Oxidation)	58	1.14E-05	1	1857.007	-1.13	Midgut	2L:-:40278534-40278588,40277817-40278395	exon=> In CDS Exon 3 and 2 of transcript AGAP006963-PA
JHU_Ag_20521	GSSFFFR	AGAP006963-PA	-	39	0.002303265	2	847.411	0.89	Visceras	2L:-:40277650-40277741,40277494-40277557	exon=> In CDS Exon 5 and 4 of transcript AGAP006963-PA
JHU_Ag_21792	SVDGFFGCFR	AGAP006963-PA	C8(Carbamidomethyl)	61	6.84E-06	1	1191.527	1.42	Head	2L:-:40278394-40278365	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_21795	KEDEIEPALR	AGAP006963-PA	-	37	0.001984427	1	1199.626	-0.27	Head	2L:-:40278775-40278746	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_24802	HSDSFAPYPELK	AGAP006963-PA	-	74	6.63E-07	2	1390.665	0.75	Male reproductive organs	2L:-:40277532-40277497	exon=> In CDS Exon 5 of transcript AGAP006963-PA
JHU_Ag_27764	KEDEIEPALR	AGAP006963-PA	-	42	0.000603995	2	1199.634	6.14	Midgut	2L:-:40278775-40278746	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_28721	EIWAHEGIGGFFSGLIPR	AGAP006963-PA	-	105	4.11E-10	1	1986.035	5.87	Midgut	2L:-:40278049-40277996	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_32892	LLGNVLSSYYSER	AGAP006963-PA	-	84	6.84E-08	1	1500.776	4.48	Salivary gland	2L:-:40278349-40278311	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_38791	SVDGFFGCFR	AGAP006963-PA	C8(Carbamidomethyl)	81	6.69E-08	1	1191.525	0.08	Male reproductive organs	2L:-:40278394-40278365	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_40594	LVCSTALYPLEYAK	AGAP006963-PA	C3(Carbamidomethyl)	78	2.24E-07	2	1627.843	1.92	Ovary	2L:-:40278733-40278692	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_42981	LLGNVLSSYYSER	AGAP006963-PA	-	41	0.00140372	2	1500.782	8.39	Larva	2L:-:40278349-40278311	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_50315	TLIQLGYEPIAPRPGR	AGAP006963-PA	-	77	7.79E-08	1	1781.005	-1.04	Midgut	2L:-:40278691-40278838,40278504-40278553	exon=> In CDS Exon 2 and 1 of transcript AGAP006963-PA
JHU_Ag_55017	LLGNVLSSYYSER	AGAP006963-PA	-	72	9.23E-07	2	1500.767	-1.54	Midgut	2L:-:40278349-40278311	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_56313	IVGLPTGNDER	AGAP006963-PA	-	36	0.002669216	1	1170.615	3.32	Head	2L:-:40278808-40278776	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_58328	LLGNVLSSYYSER	AGAP006963-PA	-	86	4.13E-08	1	1500.772	1.88	Visceras	2L:-:40278349-40278311	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_59172	LLGNVLSSYYSER	AGAP006963-PA	-	91	1.39E-08	1	1500.771	0.82	Head	2L:-:40278349-40278311	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_61514	TLIQLGYEPIAPRPGR	AGAP006963-PA	-	77	7.64E-08	1	1781.006	-0.57	Male reproductive organs	2L:-:40278691-40278838,40278504-40278553	exon=> In CDS Exon 2 and 1 of transcript AGAP006963-PA
JHU_Ag_65468	EIWAHEGIGGFFSGLIPR	AGAP006963-PA	-	44	0.000465376	3	1986.036	6.6	Head	2L:-:40278049-40277996	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_69474	VQTRPAGLVR	AGAP006963-PA	-	47	5.10E-05	1	1096.658	-0.81	Head	2L:-:40278202-40278173	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_69598	LVCSTALYPLEYAK	AGAP006963-PA	C3(Carbamidomethyl)	56	3.24E-05	1	1627.847	4.47	Salivary gland	2L:-:40278733-40278692	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_72187	LLGNVLSSYYSER	AGAP006963-PA	-	76	4.41E-07	2	1500.773	2.69	Malpighian tubule	2L:-:40278349-40278311	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_73198	IVGLPTGNDER	AGAP006963-PA	-	38	0.00181008	1	1170.613	1.34	Visceras	2L:-:40278808-40278776	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_74401	TLIQLGYEPIAPRPGR	AGAP006963-PA	-	50	3.51E-05	1	1781.011	2.11	Malpighian tubule	2L:-:40278691-40278838,40278504-40278553	exon=> In CDS Exon 2 and 1 of transcript AGAP006963-PA

JHU_Ag_79774	LMLPNIFQYAAYIK	AGAP006963-PA	M2(Oxidation)	102	7.34E-10	2	1700.907	-0.48	Midgut	2L:-:40278531-40278588,40277817-40278395	exon=> In CDS Exon 3 and 2 of transcript AGAP006963-PA
JHU_Ag_85817	LLGNVLSSYYSER	AGAP006963-PA	-	81	1.13E-07	1	1500.771	0.98	Male reproductive organs	2L:-:40278349-40278311	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_87066	EHMYDGLFGSIR	AGAP006963-PA	M3(Oxidation)	66	2.26E-06	1	1440.655	-1.81	Head	2L:-:40278085-40278050	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_88112	MHALDPETAR	AGAP006963-PA	N-Term(Acetyl), M1(Oxidation)	41	0.000683917	2	1198.548	-3.25	Visceras	2L:-:40278838-40278809	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_93400	SVDGFFGCFR	AGAP006963-PA	C8(Carbamidomethyl)	57	1.78E-05	2	1191.529	3.16	Visceras	2L:-:40278394-40278365	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_95305	EHMYDGLFGSIR	AGAP006963-PA	M3(Oxidation)	54	4.07E-05	1	1440.659	1.07	Male reproductive organs	2L:-:40278085-40278050	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_104191	TLIQLGYEPIAPRPGR	AGAP006963-PA	-	45	0.00010545	1	1781.010	2	Visceras	2L:-:40278691-40278838,40278504-40278553	exon=> In CDS Exon 2 and 1 of transcript AGAP006963-PA
JHU_Ag_104695	LVCSTALYPLEYAK	AGAP006963-PA	C3(Carbamidomethyl)	46	0.000352202	2	1627.846	3.65	Malpighian tubule	2L:-:40278733-40278692	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_109256	EHMYDGLFGSIR	AGAP006963-PA	M3(Oxidation)	59	1.28E-05	2	1440.658	0.14	Midgut	2L:-:40278085-40278050	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_109672	TLIQLGYEPIAPRPGR	AGAP006963-PA	-	71	2.74E-07	1	1781.013	3.64	Head	2L:-:40278691-40278838,40278504-40278553	exon=> In CDS Exon 2 and 1 of transcript AGAP006963-PA
JHU_Ag_111684	RLMLPNIFQYAAYIK	AGAP006963-PA	M3(Oxidation)	44	0.000257084	3	1857.017	4.3	Salivary gland	2L:-:40278534-40278588,40277817-40278395	exon=> In CDS Exon 3 and 2 of transcript AGAP006963-PA
JHU_Ag_113005	MHALDPETAR	AGAP006963-PA	N-Term(Acetyl), M1(Oxidation)	37	0.00161526	1	1198.554	1.64	Malpighian tubule	2L:-:40278838-40278809	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_113276	LVCSTALYPLEYAK	AGAP006963-PA	C3(Carbamidomethyl)	66	3.44E-06	1	1627.842	1.25	Midgut	2L:-:40278733-40278692	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_113403	TLIQLGYEPIAPRPGR	AGAP006963-PA	-	45	9.65E-05	2	1781.015	4.3	Salivary gland	2L:-:40278691-40278838,40278504-40278553	exon=> In CDS Exon 2 and 1 of transcript AGAP006963-PA
JHU_Ag_115762	MHALDPETAR	AGAP006963-PA	N-Term(Acetyl)	40	0.001139735	1	1182.558	0.87	Malpighian tubule	2L:-:40278838-40278809	exon=> In CDS Exon 1 of transcript AGAP006963-PA
JHU_Ag_116463	HSDSFAPYPELK	AGAP006963-PA	-	72	8.87E-07	2	1390.670	4.7	Head	2L:-:40277532-40277497	exon=> In CDS Exon 5 of transcript AGAP006963-PA
JHU_Ag_116753	VQTRPAGLVR	AGAP006963-PA	-	43	0.000129339	1	1096.659	-0.06	Visceras	2L:-:40278202-40278173	exon=> In CDS Exon 3 of transcript AGAP006963-PA
JHU_Ag_10623	KYQVPVIYEEVNR	AGAP006964-PA	-	37	0.002095164	1	1636.876	3.98	Malpighian tubule	2L:-:40280410-40280372	exon=> In CDS Exon 1 of transcript AGAP006964-PA
JHU_Ag_51507	LLPDVFHFR	AGAP006964-PA	-	40	0.001229107	1	1143.635	3.41	Malpighian tubule	2L:-:40280458-40280432	exon=> In CDS Exon 1 of transcript AGAP006964-PA
JHU_Ag_64203	IIIVTGFGPFAGHEER	AGAP006964-PA	-	69	1.28E-06	2	1742.924	1.13	Midgut	2L:-:40280530-40280483	exon=> In CDS Exon 1 of transcript AGAP006964-PA
JHU_Ag_105518	IIIVTGFGPFAGHEER	AGAP006964-PA	-	65	3.20E-06	1	1742.926	2	Malpighian tubule	2L:-:40280530-40280483	exon=> In CDS Exon 1 of transcript AGAP006964-PA
JHU_Ag_4066	YVLLNPSEADIPLSIRR	AGAP006965-PA	-	36	0.00080331	1	1956.107	7.75	Malpighian tubule	2L:+:40284525-40284575	exon=> In CDS Exon 5 of transcript AGAP006965-PA
JHU_Ag_2271	VFNTWMGDPGK	AGAP006966-PA	M6(Oxidation)	51	8.75E-05	1	1267.577	-0.56	Head	2L:+:40290059-40290091	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_2844	GVLSGGCGEQSIR	AGAP006966-PA	C7(Carbamidomethyl)	77	3.32E-07	1	1319.625	-9.37	Head	2L:+:40290308-40290308,40290395-40290432	exon=> In CDS Exon 4 and 5 of transcript AGAP006966-PA
JHU_Ag_3391	LLLLESILR	AGAP006966-PA	-	62	5.73E-07	1	1069.697	-1.11	Malpighian tubule	2L:+:40290092-40290118	exon=> In CDS Exon 4 of transcript AGAP006966-PA

JHU_Ag_3511	LIEQYGKR	AGAP006966-PA	-	35	0.003149387	1	1006.568	0.42	Malpighian tubule	2L:+:40289753-40289776	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_4744	VIKQESLLENVR	AGAP006966-PA	-	44	0.000223499	1	1427.825	1.99	Malpighian tubule	2L:+:40290119-40290154	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_5658	YPLEENVR	AGAP006966-PA	-	43	0.000934979	2	1019.515	-0.84	Male reproductive organs	2L:+:40289684-40289707	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_6030	LSILSFHGAFHGR	AGAP006966-PA	-	75	3.26E-07	1	1441.770	-0.25	Malpighian tubule	2L:+:40289549-40289587	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_6858	GIPVAGIIVEPIQSEGGDNEASPEFFQQLQK	AGAP006966-PA	-	101	6.30E-10	1	3297.687	6.99	Larva	2L:+:40289777-40289869	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_7196	FRPALIFGEK	AGAP006966-PA	-	56	1.84E-05	1	1177.674	1.36	Malpighian tubule	2L:+:40290433-40290462	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_8386	LLLLESILR	AGAP006966-PA	-	62	4.19E-07	2	1069.704	5.74	Larva	2L:+:40290092-40290118	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_11464	DFPHLLSAAR	AGAP006966-PA	-	46	0.000288527	1	1126.601	0.51	Pupa	2L:+:40290200-40290229	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_12673	HVDIFMDK	AGAP006966-PA	M6(Oxidation)	42	0.000901423	1	1020.482	-0.21	Malpighian tubule	2L:+:40290463-40290486	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_13177	LLLLESILR	AGAP006966-PA	-	62	6.13E-07	1	1069.698	0.37	Pupa	2L:+:40290092-40290118	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_13301	HVDIFMDK	AGAP006966-PA	M6(Oxidation)	62	8.02E-06	1	1020.480	-2.24	Head	2L:+:40290463-40290486	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_14142	FRPALIFGEK	AGAP006966-PA	-	41	0.000439347	1	1177.676	3.07	Male reproductive organs	2L:+:40290433-40290462	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_18307	GIPVAGIIVEPIQSEGGDNEASPEFFQQLQK	AGAP006966-PA	-	113	5.47E-11	1	3297.667	0.99	Visceras	2L:+:40289777-40289869	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_18999	GSALLIDEVQTGGGPTGK	AGAP006966-PA	-	146	3.66E-14	1	1699.888	1.12	Head	2L:+:40289885-40289938	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_19684	VFNTWMGDPGK	AGAP006966-PA	M6(Oxidation)	53	4.42E-05	1	1267.575	-2.19	Pupa	2L:+:40290059-40290091	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_20459	LLLLESILR	AGAP006966-PA	-	66	2.10E-07	1	1069.699	1.06	Head	2L:+:40290092-40290118	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_21859	IWCHEHFNLPSPPDVVTFSK	AGAP006966-PA	C3(Carbamidomethyl)	80	1.58E-07	1	2410.182	7.11	Larva	2L:+:40289939-40289998	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_27014	LRDDIVGALK	AGAP006966-PA	-	59	1.10E-05	1	1099.649	1.64	Malpighian tubule	2L:+:40290272-40290301	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_28485	GVLSGGCGEQSIR	AGAP006966-PA	C7(Carbamidomethyl)	89	2.09E-08	1	1319.637	-0.31	Malpighian tubule	2L:+:40290308-40290308,40290395-40290432	exon=> In CDS Exon 4 and 5 of transcript AGAP006966-PA
JHU_Ag_28810	GVLSGGCGEQSIR	AGAP006966-PA	C7(Carbamidomethyl)	64	6.98E-06	2	1319.638	0.15	Male reproductive organs	2L:+:40290308-40290308,40290395-40290432	exon=> In CDS Exon 4 and 5 of transcript AGAP006966-PA
JHU_Ag_28850	NIFIWYQK	AGAP006966-PA	-	55	2.39E-05	1	1111.593	-0.85	Malpighian tubule	2L:+:40289444-40289467	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_29272	TLGCLSTTHSK	AGAP006966-PA	C4(Carbamidomethyl)	51	0.000139692	2	1204.600	0.58	Malpighian tubule	2L:+:40289588-40289620	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_29689	GIPVAGIIVEPIQSEGGDNEASPEFFQQLQK	AGAP006966-PA	-	163	5.32E-16	1	3297.670	1.88	Malpighian tubule	2L:+:40289777-40289869	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_30011	LSILSFHGAFHGR	AGAP006966-PA	-	60	8.10E-06	1	1441.776	3.88	Male reproductive organs	2L:+:40289549-40289587	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_30659	DEHNLSTLINRPALGVFPGEDWPNR	AGAP006966-PA	-	149	1.63E-14	1	2847.420	0.79	Head	2L:+:40288227-40288245,40289295-40289350	exon=> In CDS Exon 3 and 4 of transcript AGAP006966-PA
JHU_Ag_33475	YPLEENVR	AGAP006966-PA	-	47	0.000387973	2	1019.514	-1.38	Pupa	2L:+:40289684-40289707	exon=> In CDS Exon 4 of transcript AGAP006966-PA

JHU_Ag_33969	VIKQESLLENVR	AGAP006966-PA	-	82	3.94E-08	1	1427.822	0.07	Head	2L:+:40290119-40290154	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_34017	IDVPSFDWPIAPFPQYR	AGAP006966-PA	-	106	3.48E-10	1	2048.031	1.63	Head	2L:+:40289633-40289683	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_35065	DFPHLLSAAR	AGAP006966-PA	-	65	3.67E-06	1	1126.605	4.09	Larva	2L:+:40290200-40290229	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_35378	MQLGGYYHGAHMKPSQPYR	AGAP006966-PA	M1(Oxidation), M12(Oxidation)	51	0.000120446	1	2253.040	3.2	Larva	2L:+:40290002-40290058	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_39699	DFPHLLSAAR	AGAP006966-PA	-	49	0.000162624	1	1126.601	0.69	Head	2L:+:40290200-40290229	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_42757	ELLNVFR	AGAP006966-PA	-	44	0.000363281	2	890.509	-0.78	Head	2L:+:40288206-40288226	exon=> In CDS Exon 3 of transcript AGAP006966-PA
JHU_Ag_43034	GRGTFLAINCATPK	AGAP006966-PA	C10(Carbamidomethyl)	53	7.48E-05	1	1505.792	1.44	Malpighian tubule	2L:+:40290230-40290271	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_43381	GSALLIDEVQTGGGPTGK	AGAP006966-PA	-	114	4.72E-11	2	1699.887	0.19	Male reproductive organs	2L:+:40289885-40289938	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_45719	ELLNVFRDEHNLSTLINRPALGVFPGEDWPNR	AGAP006966-PA	-	33	0.002833303	1	3718.919	2.65	Head	2L:+:40288206-40288245,40289295-40289350	exon=> In CDS Exon 3 and 4 of transcript AGAP006966-PA
JHU_Ag_46364	LRDDIVGALK	AGAP006966-PA	-	54	3.12E-05	2	1099.652	4.3	Male reproductive organs	2L:+:40290272-40290301	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_46485	DEHNLSTLINRPALGVFPGEDWPNR	AGAP006966-PA	-	144	4.93E-14	1	2847.428	3.88	Malpighian tubule	2L:+:40288227-40288245,40289295-40289350	exon=> In CDS Exon 3 and 4 of transcript AGAP006966-PA
JHU_Ag_47206	QESLLENVR	AGAP006966-PA	-	56	4.45E-05	2	1087.575	0.45	Malpighian tubule	2L:+:40290128-40290154	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_49591	IDVPSFDWPIAPFPQYR	AGAP006966-PA	-	36	0.003852622	2	2048.031	1.39	Pupa	2L:+:40289633-40289683	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_54379	FRPALIFGEK	AGAP006966-PA	-	55	1.89E-05	1	1177.673	0.5	Head	2L:+:40290433-40290462	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_55108	DFPHLLSAAR	AGAP006966-PA	-	65	4.04E-06	1	1126.601	0.51	Malpighian tubule	2L:+:40290200-40290229	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_56443	RGIPVAGIIVEPIQSEGGDNEASPEFFQQLQK	AGAP006966-PA	-	81	6.11E-08	1	3453.766	0.3	Head	2L:+:40289774-40289869	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_56646	FRPALIFGEK	AGAP006966-PA	-	28	0.009751576	1	1177.673	-0.27	Midgut	2L:+:40290433-40290462	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_58194	GVLSGGCGEQSIR	AGAP006966-PA	C7(Carbamidomethyl)	62	9.02E-06	2	1319.639	0.99	Visceras	2L:+:40290308-40290308,40290395-40290432	exon=> In CDS Exon 4 and 5 of transcript AGAP006966-PA
JHU_Ag_58522	DEHNLSTLINRPALGVFPGEDWPNR	AGAP006966-PA	-	87	2.53E-08	1	2847.419	0.66	Pupa	2L:+:40288227-40288245,40289295-40289350	exon=> In CDS Exon 3 and 4 of transcript AGAP006966-PA
JHU_Ag_59471	NIFIWYQK	AGAP006966-PA	-	45	0.000341445	2	1111.595	1.13	Pupa	2L:+:40289444-40289467	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_61818	RGIPVAGIIVEPIQSEGGDNEASPEFFQQLQK	AGAP006966-PA	-	36	0.001876955	3	3453.767	0.51	Malpighian tubule	2L:+:40289774-40289869	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_61949	LIEQYGK	AGAP006966-PA	-	42	0.000693946	1	850.468	0.99	Larva	2L:+:40289753-40289773	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_63359	TLGCLSTTHSK	AGAP006966-PA	C4(Carbamidomethyl)	65	5.12E-06	1	1204.603	3.21	Larva	2L:+:40289588-40289620	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_66744	GSALLIDEVQTGGGPTGK	AGAP006966-PA	-	134	5.10E-13	2	1699.888	1.27	Pupa	2L:+:40289885-40289938	exon=> In CDS Exon 4 of transcript AGAP006966-PA

JHU_Ag_70297	LQNVLMSVAPVGLDHVTTMMCGSCSNENAFK	AGAP006966-PA	M6(Oxidation), M19(Oxidation), M20(Oxidation), C21(Carbamidomethyl), C24(Carbamidomethyl)," M19(Oxidation), M20(Oxidation), C21(Carbamidomethyl), C24(Carbamidomethyl)"	44	0.000361417	1	3458.550	-0.42	Head	2L:+:40289351-40289443	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_71460	YPLEENVRENAQEDAR	AGAP006966-PA	-	66	4.10E-06	1	1932.902	-1.32	Malpighian tubule	2L:+:40289684-40289731	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_71913	VFNTWMGDPGK	AGAP006966-PA	M6(Oxidation)	77	2.57E-07	1	1267.583	4.36	Larva	2L:+:40290059-40290091	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_74065	LRDDIVGALK	AGAP006966-PA	-	61	6.68E-06	1	1099.648	0.75	Pupa	2L:+:40290272-40290301	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_75850	GSALLIDEVQTGGGPTGK	AGAP006966-PA	-	119	1.55E-11	2	1699.886	-0.24	Midgut	2L:+:40289885-40289938	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_76122	TLGCLSTTHSK	AGAP006966-PA	C4(Carbamidomethyl)	51	0.000104319	1	1204.599	-0.44	Pupa	2L:+:40289588-40289620	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_77037	GSALLIDEVQTGGGPTGK	AGAP006966-PA	-	57	2.60E-05	2	1699.890	1.98	Visceras	2L:+:40289885-40289938	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_78069	IWCHEHFNLPSPPDVVTFSK	AGAP006966-PA	C3(Carbamidomethyl)	82	8.48E-08	1	2410.171	2.4	Head	2L:+:40289939-40289998	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_79406	YPLEENVR	AGAP006966-PA	-	38	0.003330867	1	1019.516	0.49	Head	2L:+:40289684-40289707	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_80250	FRPALIFGEK	AGAP006966-PA	-	44	0.000289615	1	1177.673	0.12	Pupa	2L:+:40290433-40290462	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_81538	GEATPFTESEIQSCMINQAPGAPK	AGAP006966-PA	C14(Carbamidomethyl), M15(Oxidation)	64	4.33E-06	1	2579.178	1.03	Malpighian tubule	2L:+:40289477-40289548	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_82884	LSILSFHGAFHGR	AGAP006966-PA	-	111	7.42E-11	1	1441.770	0	Head	2L:+:40289549-40289587	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_83930	LRDDIVGALK	AGAP006966-PA	-	65	2.29E-06	1	1099.646	-1.36	Head	2L:+:40290272-40290301	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_84730	NIFIWYQK	AGAP006966-PA	-	50	9.81E-05	1	1111.595	1.3	Head	2L:+:40289444-40289467	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_84915	YIHKIDVPSFDWPIAPFPQYR	AGAP006966-PA	-	42	0.000530262	1	2589.342	5.17	Malpighian tubule	2L:+:40289621-40289683	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_86749	LLLLESILR	AGAP006966-PA	-	59	1.33E-06	2	1069.696	-1.91	Male reproductive organs	2L:+:40290092-40290118	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_86921	FRPALIFGEK	AGAP006966-PA	-	38	0.000800371	2	1177.677	3.13	Larva	2L:+:40290433-40290462	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_87654	TEVPGPK	AGAP006966-PA	-	32	0.001436939	1	727.397	-1.81	Head	2L:+:40287132-40287152	exon=> In CDS Exon 2 of transcript AGAP006966-PA
JHU_Ag_89219	LIEQYGKR	AGAP006966-PA	-	44	0.000374305	2	1006.569	0.61	Pupa	2L:+:40289753-40289776	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_89335	IDVPSFDWPIAPFPQYR	AGAP006966-PA	-	38	0.001993145	2	2048.034	2.94	Larva	2L:+:40289633-40289683	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_91152	VFNTWMGDPGK	AGAP006966-PA	M6(Oxidation)	46	0.000246839	2	1267.578	0.41	Midgut	2L:+:40290059-40290091	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_94034	GIPVAGIIVEPIQSEGGDNEASPEFFQQLQK	AGAP006966-PA	-	104	3.74E-10	1	3297.665	0.44	Head	2L:+:40289777-40289869	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_94051	CLAEVER	AGAP006966-PA	C1(Carbamidomethyl)	45	0.000527558	2	876.424	-0.42	Malpighian tubule	2L:+:40289732-40289752	exon=> In CDS Exon 4 of transcript AGAP006966-PA

JHU_Ag_94831	MQLGGYYHGAHMKPSQPYR	AGAP006966-PA	M1(Oxidation), M12(Oxidation)	56	3.18E-05	1	2253.033	-0.01	Malpighian tubule	2L:+:40290002-40290058	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_94904	KMQLGGYYHGAHMKPSQPYR	AGAP006966-PA	M2(Oxidation), M13(Oxidation)	63	7.61E-06	1	2381.135	2.92	Larva	2L:+:40289999-40290058	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_95249	LSILSFHGAFHGR	AGAP006966-PA	-	38	0.001554659	1	1441.769	-0.62	Midgut	2L:+:40289549-40289587	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_96034	TLGCLSTTHSK	AGAP006966-PA	C4(Carbamidomethyl)	73	7.65E-07	1	1204.593	-5	Head	2L:+:40289588-40289620	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_96092	GSALLIDEVQTGGGPTGK	AGAP006966-PA	-	128	1.95E-12	2	1699.893	4.28	Larva	2L:+:40289885-40289938	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_100273	YPLEENVR	AGAP006966-PA	-	40	0.002079194	2	1019.517	1.2	Larva	2L:+:40289684-40289707	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_102344	YPLEENVR	AGAP006966-PA	-	41	0.001711216	1	1019.515	-0.24	Malpighian tubule	2L:+:40289684-40289707	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_102605	LSILSFHGAFHGR	AGAP006966-PA	-	77	1.90E-07	1	1441.779	6.09	Larva	2L:+:40289549-40289587	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_103404	GTFLAINCATPK	AGAP006966-PA	C8(Carbamidomethyl)	36	0.003871355	2	1292.669	1.79	Head	2L:+:40290236-40290271	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_104317	GIPVAGIIVEPIQSEGGDNEASPEFFQQLQK	AGAP006966-PA	-	109	1.19E-10	1	3297.670	1.88	Pupa	2L:+:40289777-40289869	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_104882	ELLNVFR	AGAP006966-PA	-	39	0.000985857	2	890.509	-0.16	Pupa	2L:+:40288206-40288226	exon=> In CDS Exon 3 of transcript AGAP006966-PA
JHU_Ag_105302	GVLSGGCGEQSIR	AGAP006966-PA	C7(Carbamidomethyl)	79	2.04E-07	1	1319.640	2.37	Larva	2L:+:40290308-40290308,40290395-40290432	exon=> In CDS Exon 4 and 5 of transcript AGAP006966-PA
JHU_Ag_107809	QESLLENVR	AGAP006966-PA	-	49	0.000209666	2	1087.574	-0.56	Pupa	2L:+:40290128-40290154	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_111472	HVDIFMDKFR	AGAP006966-PA	M6(Oxidation)	51	0.00011682	1	1323.651	-0.29	Malpighian tubule	2L:+:40290463-40290492	exon=> In CDS Exon 5 of transcript AGAP006966-PA
JHU_Ag_111583	IDVPSFDWPIAPFPQYR	AGAP006966-PA	-	74	5.23E-07	1	2048.031	1.39	Malpighian tubule	2L:+:40289633-40289683	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_111689	LLLLESILR	AGAP006966-PA	-	40	9.42E-05	2	1069.697	-0.65	Midgut	2L:+:40290092-40290118	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_115802	GSALLIDEVQTGGGPTGK	AGAP006966-PA	-	135	3.95E-13	1	1699.888	1.05	Malpighian tubule	2L:+:40289885-40289938	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_116326	LSILSFHGAFHGR	AGAP006966-PA	-	75	2.98E-07	1	1441.770	-0.09	Pupa	2L:+:40289549-40289587	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_117296	GEATPFTESEIQSCMINQAPGAPK	AGAP006966-PA	C14(Carbamidomethyl), M15(Oxidation),C14(Carbamidomethyl)	102	7.80E-10	2	2563.186	2.1	Head	2L:+:40289477-40289548	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_117358	LLLLESILR	AGAP006966-PA	-	66	2.42E-07	2	1069.700	1.63	Visceras	2L:+:40290092-40290118	exon=> In CDS Exon 4 of transcript AGAP006966-PA
JHU_Ag_12447	LGIGPAAGGAAGAGGLGGLFDAR	AGAP006967-PA	-	126	2.85E-12	1	1926.018	-0.95	Head	2L:-:40298557-40298489	exon=> In CDS Exon 3 of transcript AGAP006967-PA
JHU_Ag_28234	FLFLLLGPQK	AGAP006968-PA	-	23	0.008630542	2	1175.720	1.08	Head	2L:+:40405532-40405561	exon=> In CDS Exon 4 of transcript AGAP006968-PA
JHU_Ag_28353	LSVPEGLSPSDQTR	AGAP006968-PA	Q12(Deamidated)	55	4.19E-05	1	1486.743	2.79	Head	2L:+:40406849-40406890	exon=> In CDS Exon 4 of transcript AGAP006968-PA
JHU_Ag_47982	LSVPEGLSPSDQTR	AGAP006968-PA	Q12(Deamidated)	39	0.001681592	2	1486.744	3.94	Malpighian tubule	2L:+:40406849-40406890	exon=> In CDS Exon 4 of transcript AGAP006968-PA
JHU_Ag_76013	FLFLLLGPQK	AGAP006968-PA	-	39	0.000158834	2	1175.725	5.65	Larva	2L:+:40405532-40405561	exon=> In CDS Exon 4 of transcript AGAP006968-PA
JHU_Ag_95567	FLFLLLGPQK	AGAP006968-PA	-	32	0.001072338	2	1175.722	3.05	Ovary	2L:+:40405532-40405561	exon=> In CDS Exon 4 of transcript AGAP006968-PA

JHU_Ag_59354	SLGGGGGWSSGGSGLGK	AGAP006970-PA	-	121	1.19E-11	1	1420.683	0.82	Head	2L:+:40423230-40423280	exon=> In CDS Exon 2 of transcript AGAP006970-PA
JHU_Ag_93851	GWSSGGGSYGGGGSYGGGGYSK	AGAP006970-PA	-	155	7.09E-16	1	1941.795	-2.4	Head	2L:+:40423281-40423346	exon=> In CDS Exon 2 of transcript AGAP006970-PA
JHU_Ag_100845	SLGGSGGWSSGGLSSK	AGAP006970-PA	-	83	7.36E-08	1	1423.679	-1.59	Head	2L:+:40423656-40423703	exon=> In CDS Exon 2 of transcript AGAP006970-PA
JHU_Ag_93922	LPLLTKLR	AGAP006974-PA	-	37	0.000219 28	1	953.639	-12.65	Pupa	2L:-:40436480-40436457	exon=> In CDS Exon 3 of transcript AGAP006974-PA
JHU_Ag_45205	GDLNEFLR	AGAP006988-PA	-	47	0.000326 927	2	963.490	0.59	Midgut	2L:-:40480781-40480758	exon=> In CDS Exon 4 of transcript AGAP006988-PA
JHU_Ag_51072	GDLNEFLR	AGAP006988-PA	-	46	0.000483 365	2	963.488	-1.44	Malpighian tubule	2L:-:40480781-40480758	exon=> In CDS Exon 4 of transcript AGAP006988-PA
JHU_Ag_55286	GDLNEFLR	AGAP006988-PA	-	41	0.001343 829	2	963.492	2.24	Male reproductive organs	2L:-:40480781-40480758	exon=> In CDS Exon 4 of transcript AGAP006988-PA
JHU_Ag_65443	GDLNEFLR	AGAP006988-PA	-	37	0.003322 593	2	963.489	-0.55	Ovary	2L:-:40480781-40480758	exon=> In CDS Exon 4 of transcript AGAP006988-PA
JHU_Ag_70376	GDLNEFLR	AGAP006988-PA	-	54	6.83E-05	2	963.490	0.52	Pupa	2L:-:40480781-40480758	exon=> In CDS Exon 4 of transcript AGAP006988-PA
JHU_Ag_106202	GDLNEFLR	AGAP006988-PA	-	55	6.40E-05	2	963.491	1.85	Salivary gland	2L:-:40480781-40480758	exon=> In CDS Exon 4 of transcript AGAP006988-PA
JHU_Ag_48174	NSLQR	AGAP006990-PA,AGAP006990-PB	N1(Deamidated), Q4(Deamidated)	34	0.008301 733	1	619.305	0.63	Head	2L:+:40487075-40487089;2L:+:40487075-40487089	exon=> In CDS Exon 3 of transcript AGAP006990-PA;exon=> In CDS Exon 3 of transcript AGAP006990-PB
JHU_Ag_72614	DPAEDEDDEK	AGAP006990-PA,AGAP006990-PB	-	41	7.35E-05	2	1162.440	1.14	Head	2L:+:40486700-40486729;2L:+:40486700-40486729	exon=> In CDS Exon 3 of transcript AGAP006990-PA;exon=> In CDS Exon 3 of transcript AGAP006990-PB
JHU_Ag_1050	NITTLELIGNSFR	AGAP006993-PA	-	94	3.11E-09	1	1477.806	3.53	Head	2L:+:40512721-40512728,40512790-40512820	exon=> In CDS Exon 6 and 7 of transcript AGAP006993-PA
JHU_Ag_42745	RIPDCVYELR	AGAP006993-PA	C5(Carbamidomethyl)	46	0.000443 781	1	1320.673	0.07	Head	2L:+:40512544-40512573	exon=> In CDS Exon 6 of transcript AGAP006993-PA
JHU_Ag_48089	LTELPESFFQLK	AGAP006993-PA	-	31	0.007852 959	2	1451.780	1.6	Head	2L:+:40511180-40511215	exon=> In CDS Exon 3 of transcript AGAP006993-PA
JHU_Ag_72621	LATLDLANNNIK	AGAP006993-PA	-	51	8.34E-05	1	1299.728	1.21	Head	2L:+:40512655-40512690	exon=> In CDS Exon 6 of transcript AGAP006993-PA
JHU_Ag_103715	LQQLTLSNNHLTELPNDIVNLR	AGAP006993-PA	-	120	3.76E-12	1	2545.381	3.12	Head	2L:+:40511444-40511509	exon=> In CDS Exon 4 of transcript AGAP006993-PA
JHU_Ag_4680	SVVLYIINFK	AGAP006994-PA,AGAP006994-PB	-	59	3.20E-06	2	1195.710	1.01	Male reproductive organs	2L:-:40516062-40516033;2L:-:40516062-40516033	exon=> In CDS Exon 6 of transcript AGAP006994-PA;exon=> In CDS Exon 6 of transcript AGAP006994-PB
JHU_Ag_57760	HTLAFVPSRGK	AGAP006994-PA,AGAP006994-PB	-	29	0.009379 704	1	1212.673	-9.63	Midgut	2L:-:40516979-40516947;2L:-:40516979-40516947	exon=> In CDS Exon 4 of transcript AGAP006994-PA;exon=> In CDS Exon 4 of transcript AGAP006994-PB
JHU_Ag_80814	IYLLLPLYHEFINPK	AGAP006994-PA,AGAP006994-PB	-	31	0.002280 979	1	1873.067	2.58	Head	2L:-:40516239-40516195;2L:-:40516239-40516195	exon=> In CDS Exon 6 of transcript AGAP006994-PA;exon=> In CDS Exon 6 of transcript AGAP006994-PB
JHU_Ag_742	GITINVAHIEYQTENR	AGAP006996-PA	-	102	9.45E-10	1	1857.946	0.56	Ovary	2L:+:40536982-40537029	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_1054	QIGVNHIVVFINK	AGAP006996-PA	-	26	0.005360 673	1	1480.863	-0.06	Head	2L:+:40537177-40537215	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_1407	EHLLLAK	AGAP006996-PA	-	32	0.000663 281	2	823.505	1.33	Ovary	2L:+:40537156-40537176	exon=> In CDS Exon 2 of transcript AGAP006996-PA

JHU_Ag_2601	VLADKDLAESK	AGAP006996-PA	-	74	5.12E-07	1	1188.649	1.67	Ovary	2L:+:40536907-40536939	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_2709	ANDNFEAQVYILSKDEGGR	AGAP006996-PA	-	105	4.81E-10	1	2126.011	-1.86	Ovary	2L:+:40537779-40537835	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_2748	STITGIEMFHK	AGAP006996-PA	M8(Oxidation)	46	0.000478701	1	1279.638	2.59	Malpighian tubule	2L:+:40537638-40537670	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_5321	TWDCATQVQIPGKDMIMPGEDAK	AGAP006996-PA	C4(Carbamidomethyl)	54	5.20E-05	1	2591.202	3.09	Malpighian tubule	2L:+:40537881-40537949	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_5553	DGHITLGTGVVTK	AGAP006996-PA	-	75	2.49E-07	1	1297.714	2.07	Ovary	2L:+:40538010-40538048	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_5663	ELDKPFLLPVESVHSIPGR	AGAP006996-PA	-	115	1.24E-11	1	2133.172	0.72	Head	2L:+:40537423-40537479	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_6006	ANDNFEAQVYILSK	AGAP006996-PA	-	82	9.23E-08	2	1611.807	3.22	Pupa	2L:+:40537779-40537820	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_7517	YTDIDNAPEEK	AGAP006996-PA	-	55	3.20E-05	2	1294.582	2.04	Midgut	2L:+:40536943-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_10178	TWDCATQVQIPGK	AGAP006996-PA	C4(Carbamidomethyl)	66	3.73E-06	2	1503.731	3.18	Malpighian tubule	2L:+:40537881-40537919	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_11431	GQECEFVGYNKVIK	AGAP006996-PA	C4(Carbamidomethyl)	58	2.73E-05	2	1670.825	2.48	Malpighian tubule	2L:+:40537525-40537557,40537629-40537637	exon=> In CDS Exon 2 and 3 of transcript AGAP006996-PA
JHU_Ag_12164	LLEEVDKYVPTPVR	AGAP006996-PA	-	75	2.51E-07	1	1657.919	1.79	Visceras	2L:+:40537381-40537422	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_13439	LLEEVDKYVPTPVR	AGAP006996-PA	-	71	8.07E-07	2	1657.915	-0.64	Head	2L:+:40537381-40537422	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_13612	LLSPLSEKER	AGAP006996-PA	-	56	2.07E-05	1	1171.669	0.7	Malpighian tubule	2L:+:40538049-40538078	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_14256	DGHITLGTGVVTK	AGAP006996-PA	-	45	0.000227146	1	1297.710	-1.03	Salivary gland	2L:+:40538010-40538048	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_14623	YTDIDNAPEEKAR	AGAP006996-PA	-	74	5.73E-07	1	1521.723	3.14	Ovary	2L:+:40536943-40536981	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_15567	VLADKDLAESK	AGAP006996-PA	-	93	5.62E-09	1	1188.647	0.03	Malpighian tubule	2L:+:40536907-40536939	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_16091	YTDIDNAPEEKAR	AGAP006996-PA	-	83	7.29E-08	1	1521.719	0.82	Malpighian tubule	2L:+:40536943-40536981	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_16318	LALTEGKK	AGAP006996-PA	-	28	0.005957508	1	859.524	-1.09	Malpighian tubule	2L:+:40538079-40538102	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_16446	DGHITLGTGVVTK	AGAP006996-PA	-	69	8.93E-07	1	1297.712	0.76	Male reproductive organs	2L:+:40538010-40538048	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_19778	ELDKPFLLPVESVHSIPGR	AGAP006996-PA	-	130	3.53E-13	1	2133.173	1.32	Visceras	2L:+:40537423-40537479	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_28694	GITINVAHIEYQTENR	AGAP006996-PA	-	69	1.47E-06	1	1857.948	1.35	Male reproductive organs	2L:+:40536982-40537029	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_29680	GSALCALEGREPEIGANAVMK	AGAP006996-PA	C5(Carbamidomethyl), M20(Oxidation)	73	7.03E-07	1	2189.066	-1.25	Salivary gland	2L:+:40537318-40537380	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_29807	VLADKDLAESK	AGAP006996-PA	-	62	8.58E-06	1	1188.648	0.74	Visceras	2L:+:40536907-40536939	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_30430	ELMSEMGFDGDNVPVIK	AGAP006996-PA	M3(Oxidation), M6(Oxidation)	71	8.69E-07	1	1912.867	-0.03	Midgut	2L:+:40537267-40537317	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_31879	GSALCALEGREPEIGANAVMK	AGAP006996-PA	C5(Carbamidomethyl)	55	4.32E-05	1	2173.077	1.32	Visceras	2L:+:40537318-40537380	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_32619	HKPFTSFIQLQMFSR	AGAP006996-PA	M12(Oxidation)	57	2.15E-05	1	1882.960	-1.8	Midgut	2L:+:40537836-40537880	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_32732	ANDNFEAQVYILSK	AGAP006996-PA	-	89	2.25E-08	1	1611.803	0.95	Ovary	2L:+:40537779-40537820	exon=> In CDS Exon 3 of transcript AGAP006996-PA

JHU_Ag_32957	ELDKPFLLPVESVHSIPGR	AGAP006996-PA	-	112	2.68E-11	1	2133.170	0.03	Pupa	2L:+:40537423-40537479	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_33453	ANDNFEAQVYILSK	AGAP006996-PA	-	61	1.41E-05	2	1611.806	3.07	Head	2L:+:40537779-40537820	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_34915	ELMSEMGFDGDNVPVIK	AGAP006996-PA	M3(Oxidation), M6(Oxidation)	88	1.62E-08	1	1912.866	-0.61	Ovary	2L:+:40537267-40537317	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_35038	LLEEVDKYVPTPVR	AGAP006996-PA	-	75	2.74E-07	1	1657.916	0.03	Salivary gland	2L:+:40537381-40537422	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_35896	TWDCATQVQIPGKDMIMPGEDAK	AGAP006996-PA	C4(Carbamidomethyl), M15(Oxidation), M17(Oxidation)	49	0.000142687	1	2623.186	0.94	Male reproductive organs	2L:+:40537881-40537949	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_37829	HKPFTSFIQLQMFSR	AGAP006996-PA	M12(Oxidation)	78	1.63E-07	1	1866.974	2.85	Malpighian tubule	2L:+:40537836-40537880	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_38306	GITINVAHIEYQTENR	AGAP006996-PA	-	87	2.69E-08	1	1857.947	1.09	Head	2L:+:40536982-40537029	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_39224	HYGHTDCPGHADYIK	AGAP006996-PA	C7(Carbamidomethyl)	58	9.48E-06	1	1770.760	-2.98	Midgut	2L:+:40537030-40537074	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_39554	GITINVAHIEYQTENR	AGAP006996-PA	-	112	8.06E-11	1	1857.948	1.48	Visceras	2L:+:40536982-40537029	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_40337	HKPFTSFIQLQMFSR	AGAP006996-PA	M12(Oxidation)	83	5.46E-08	1	1882.968	2.57	Ovary	2L:+:40537836-40537880	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_42112	YTDIDNAPEEK	AGAP006996-PA	-	76	2.89E-07	1	1294.579	-0.6	Visceras	2L:+:40536943-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_42306	ELMSEMGFDGDNVPVIK	AGAP006996-PA	-	112	9.67E-11	1	1880.882	2.67	Malpighian tubule	2L:+:40537267-40537317	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_43145	DGHITLGTGVVTK	AGAP006996-PA	-	43	0.000382071	1	1297.711	-0.18	Midgut	2L:+:40538010-40538048	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_43341	ILEEAHAGDQLGALVR	AGAP006996-PA	-	129	1.15E-12	1	1691.913	3.41	Ovary	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_44037	ANDNFEAQVYILSK	AGAP006996-PA	-	82	1.12E-07	2	1611.799	-1.32	Midgut	2L:+:40537779-40537820	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_45036	HYGHTDCPGHADYIK	AGAP006996-PA	C7(Carbamidomethyl)	59	8.66E-06	1	1770.769	1.88	Ovary	2L:+:40537030-40537074	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_47387	STITGIEMFHK	AGAP006996-PA	M8(Oxidation)	57	3.78E-05	2	1263.643	1.98	Head	2L:+:40537638-40537670	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_47651	HKPFTSFIQLQMFSR	AGAP006996-PA	M12(Oxidation)	41	0.000971032	3	1882.966	1.41	Male reproductive organs	2L:+:40537836-40537880	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_50185	GSALCALEGR	AGAP006996-PA	C5(Carbamidomethyl)	72	1.14E-06	2	1033.511	1.3	Ovary	2L:+:40537318-40537347	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_50439	QIGVNHIVVFINK	AGAP006996-PA	-	47	3.76E-05	2	1480.865	1.27	Visceras	2L:+:40537177-40537215	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_51020	DKPHCNVGTIGHVDHGK	AGAP006996-PA	C5(Carbamidomethyl)	50	0.000140061	1	1870.901	1.61	Ovary	2L:+:40536829-40536879	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_51067	YTDIDNAPEEK	AGAP006996-PA	-	71	8.14E-07	1	1294.583	2.14	Ovary	2L:+:40536943-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_52923	VDAADQEMVDLVEMEIR	AGAP006996-PA	M14(Oxidation)	63	6.24E-06	1	1978.914	2.23	Head	2L:+:40537216-40537266	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_54052	YTDIDNAPEEK	AGAP006996-PA	-	39	0.001246591	1	1294.579	-0.5	Malpighian tubule	2L:+:40536943-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_59106	HKPFTSFIQLQMFSR	AGAP006996-PA	-	80	1.10E-07	1	1866.966	-1.27	Visceras	2L:+:40537836-40537880	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_60407	ELMSEMGFDGDNVPVIK	AGAP006996-PA	M3(Oxidation), M6(Oxidation)	43	0.000634141	2	1912.867	0.16	Visceras	2L:+:40537267-40537317	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_61165	ANDNFEAQVYILSKDEGGR	AGAP006996-PA	-	82	9.97E-08	1	2126.028	6.23	Malpighian tubule	2L:+:40537779-40537835	exon=> In CDS Exon 3 of transcript AGAP006996-PA

JHU_Ag_61775	ILEEAHAGDQLGALVR	AGAP006996-PA	-	90	9.45E-09	1	1691.914	4.06	Salivary gland	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_62299	LMRPMVLEQGQR	AGAP006996-PA	M2(Oxidation), M5(Oxidation)	54	6.44E-05	1	1489.763	1.34	Male reproductive organs	2L:+:40537962-40537997	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_63321	ELDKPFLLPVESVHSIPGR	AGAP006996-PA	-	115	9.25E-12	1	2133.176	2.61	Malpighian tubule	2L:+:40537423-40537479	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_65129	ELDKPFLLPVESVHSIPGR	AGAP006996-PA	-	67	7.05E-07	1	2133.170	-0.14	Male reproductive organs	2L:+:40537423-40537479	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_67017	DGHITLGTGVVTK	AGAP006996-PA	-	94	2.90E-09	1	1297.712	0.76	Malpighian tubule	2L:+:40538010-40538048	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_67192	DMIMPGEDAK	AGAP006996-PA	M2(Oxidation), M4(Oxidation)	34	0.002029044	2	1138.477	1.34	Head	2L:+:40537920-40537949	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_67476	TWDCATQVQIPGKDMIMPGEDAK	AGAP006996-PA	C4(Carbamidomethyl), M15(Oxidation), M17(Oxidation)	63	6.54E-06	1	2623.196	4.71	Ovary	2L:+:40537881-40537949	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_69236	LLEEVDKYVPTPVR	AGAP006996-PA	-	68	1.35E-06	1	1657.918	1.13	Male reproductive organs	2L:+:40537381-40537422	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_69246	EHLLLAK	AGAP006996-PA	-	40	0.000261541	1	823.502	-1.99	Head	2L:+:40537156-40537176	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_71030	GTVVTGRLER	AGAP006996-PA	-	44	0.000477716	1	1087.621	-0.58	Malpighian tubule	2L:+:40537480-40537509	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_72314	GQECEFVGYNK	AGAP006996-PA	C4(Carbamidomethyl)	65	2.16E-06	2	1330.575	1.66	Ovary	2L:+:40537525-40537557	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_72761	STITGIEMFHK	AGAP006996-PA	-	43	0.000960062	1	1263.641	0.91	Salivary gland	2L:+:40537638-40537670	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_73887	TWDCATQVQIPGK	AGAP006996-PA	C4(Carbamidomethyl)	74	6.53E-07	2	1503.726	-0.31	Head	2L:+:40537881-40537919	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_74643	ILEEAHAGDQLGALVR	AGAP006996-PA	-	133	4.40E-13	1	1691.912	2.84	Malpighian tubule	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_77052	VDAADQEMVDLVEMEIR	AGAP006996-PA	-	109	1.52E-10	1	1962.913	-0.99	Visceras	2L:+:40537216-40537266	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_78300	TWDCATQVQIPGKDMIMPGEDAK	AGAP006996-PA	C4(Carbamidomethyl), M15(Oxidation), M17(Oxidation)	37	0.001925024	1	2623.180	-1.5	Midgut	2L:+:40537881-40537949	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_78636	YTDIDNAPEEK	AGAP006996-PA	-	80	1.19E-07	1	1294.581	0.63	Head	2L:+:40536943-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_78709	KYTDIDNAPEEK	AGAP006996-PA	-	94	6.90E-09	1	1422.677	1.77	Head	2L:+:40536940-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_80477	QIGVNHIVVFINK	AGAP006996-PA	-	56	4.95E-06	2	1480.863	-0.62	Salivary gland	2L:+:40537177-40537215	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_82021	STITGIEMFHKILEEAHAGDQLGALVR	AGAP006996-PA	M8(Oxidation)	116	2.13E-11	1	2952.535	3.43	Malpighian tubule	2L:+:40537638-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_82706	ELMSEMGFDGDNVPVIK	AGAP006996-PA	-	34	0.006292379	2	1880.878	0.79	Head	2L:+:40537267-40537317	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_82839	GITINVAHIEYQTENR	AGAP006996-PA	-	100	1.13E-09	1	1857.950	2.21	Midgut	2L:+:40536982-40537029	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_83846	VDAADQEMVDLVEMEIR	AGAP006996-PA	-	140	1.27E-13	1	1962.914	-0.18	Salivary gland	2L:+:40537216-40537266	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_84831	ILEEAHAGDQLGALVR	AGAP006996-PA	-	129	1.07E-12	1	1691.912	2.48	Head	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_85178	STITGIEMFHK	AGAP006996-PA	-	50	0.000178154	2	1263.641	0.24	Visceras	2L:+:40537638-40537670	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_86242	ELMSEMGFDGDNVPVIK	AGAP006996-PA	M3(Oxidation), M6(Oxidation)	50	7.83E-05	2	1912.841	-13.5	Salivary gland	2L:+:40537267-40537317	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_88475	STITGIEMFHK	AGAP006996-PA	M8(Oxidation)	64	7.32E-06	1	1279.636	0.78	Ovary	2L:+:40537638-40537670	exon=> In CDS Exon 3 of transcript AGAP006996-PA

JHU_Ag_88508	ELMSEMGFDGDNVPVIK	AGAP006996-PA	M3(Oxidation), M6(Oxidation)	47	0.000251211	1	1912.868	0.73	Male reproductive organs	2L:+:40537267-40537317	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_90131	LMRPMVLEQGQR	AGAP006996-PA	M2(Oxidation),"M2(Oxidation), M5(Oxidation)"	56	3.53E-05	1	1473.766	-0.26	Malpighian tubule	2L:+:40537962-40537997	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_91460	ELDKPFLLPVESVHSIPGR	AGAP006996-PA	-	130	3.52E-13	1	2133.170	-0.22	Midgut	2L:+:40537423-40537479	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_92831	ILEEAHAGDQLGALVR	AGAP006996-PA	-	138	1.41E-13	1	1691.910	1.32	Midgut	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_92964	ANDNFEAQVYILSK	AGAP006996-PA	-	67	3.33E-06	2	1611.809	4.74	Visceras	2L:+:40537779-40537820	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_93578	ILEEAHAGDQLGALVR	AGAP006996-PA	-	107	2.12E-10	1	1691.908	0.17	Male reproductive organs	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_93918	GSALCALEGREPEIGANAVMK	AGAP006996-PA	C5(Carbamidomethyl), M20(Oxidation)	139	1.75E-13	1	2189.079	4.36	Ovary	2L:+:40537318-40537380	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_95794	QIGVNHIVVFINK	AGAP006996-PA	-	33	0.000817095	1	1480.862	-0.98	Malpighian tubule	2L:+:40537177-40537215	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_95930	ILEEAHAGDQLGALVR	AGAP006996-PA	-	125	2.68E-12	1	1691.912	2.33	Visceras	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_96078	HYGHTDCPGHADYIK	AGAP006996-PA	C7(Carbamidomethyl)	81	5.66E-08	1	1770.767	0.75	Visceras	2L:+:40537030-40537074	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_96417	DGHITLGTGVVTK	AGAP006996-PA	-	56	1.83E-05	2	1297.712	0.95	Pupa	2L:+:40538010-40538048	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_96765	GTVVTGRLER	AGAP006996-PA	-	44	0.000530116	1	1087.624	2	Ovary	2L:+:40537480-40537509	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_97291	HYGHTDCPGHADYIK	AGAP006996-PA	C7(Carbamidomethyl)	82	3.88E-08	1	1770.767	0.96	Head	2L:+:40537030-40537074	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_98809	STITGIEMFHK	AGAP006996-PA	M8(Oxidation)	61	1.48E-05	1	1279.636	0.4	Midgut	2L:+:40537638-40537670	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_98945	KYTDIDNAPEEK	AGAP006996-PA	-	84	6.77E-08	1	1422.676	0.57	Malpighian tubule	2L:+:40536940-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_100592	TWDCATQVQIPGK	AGAP006996-PA	C4(Carbamidomethyl)	83	9.01E-08	1	1503.726	-0.31	Visceras	2L:+:40537881-40537919	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_100789	LMRPMVLEQGQR	AGAP006996-PA	M2(Oxidation), M5(Oxidation)	50	0.000155277	1	1489.761	-0.08	Ovary	2L:+:40537962-40537997	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_102029	DKPHCNVGTIGHVDHGKTTLTAAITK	AGAP006996-PA	C5(Carbamidomethyl)	127	2.01E-12	1	2771.428	0.69	Malpighian tubule	2L:+:40536829-40536906	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_103175	GSALCALEGREPEIGANAVMK	AGAP006996-PA	C5(Carbamidomethyl),"C5(Carbamidomethyl), M20(Oxidation)"	127	2.57E-12	1	2173.082	3.42	Malpighian tubule	2L:+:40537318-40537380	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_104719	KYTDIDNAPEEK	AGAP006996-PA	-	81	1.39E-07	1	1422.678	2.37	Ovary	2L:+:40536940-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_105944	KGQECEFVGYNK	AGAP006996-PA	C5(Carbamidomethyl)	41	0.00087341	1	1458.672	2.44	Ovary	2L:+:40537522-40537557	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_106985	KYTDIDNAPEEK	AGAP006996-PA	-	89	1.91E-08	1	1422.675	-0.03	Visceras	2L:+:40536940-40536975	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_108756	LLEEVDKYVPTPVR	AGAP006996-PA	-	81	6.38E-08	1	1657.916	-0.05	Midgut	2L:+:40537381-40537422	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_109977	ELDKPFLLPVESVHSIPGR	AGAP006996-PA	-	95	8.87E-10	1	2133.181	5.01	Ovary	2L:+:40537423-40537479	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_112592	ILEEAHAGDQLGALVR	AGAP006996-PA	-	138	1.48E-13	1	1691.906	-0.84	Pupa	2L:+:40537671-40537718	exon=> In CDS Exon 3 of transcript AGAP006996-PA
JHU_Ag_112817	LLEEVDKYVPTPVR	AGAP006996-PA	-	69	1.00E-06	1	1657.921	2.75	Malpighian tubule	2L:+:40537381-40537422	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_113471	DGHITLGTGVVTK	AGAP006996-PA	-	115	2.34E-11	1	1297.714	2.26	Head	2L:+:40538010-40538048	exon=> In CDS Exon 3 of transcript AGAP006996-PA

JHU_Ag_113975	QIGVNHIVVFINK	AGAP006996-PA	-	54	7.32E-06	1	1480.862	-1.29	Ovary	2L:+:40537177-40537215	exon=> In CDS Exon 2 of transcript AGAP006996-PA
JHU_Ag_27633	NLPTVLQIIEHEQHLYSALR	AGAP006997-PA	-	35	0.001568386	1	2374.300	5.21	Visceras	2L:-:40540230-40540171	exon=> In CDS Exon 4 of transcript AGAP006997-PA
JHU_Ag_44668	NLPTVLQIIEHEQHLYSALR	AGAP006997-PA	-	32	0.003321053	1	2374.297	3.67	Malpighian tubule	2L:-:40540230-40540171	exon=> In CDS Exon 4 of transcript AGAP006997-PA
JHU_Ag_4441	SPIATIVDDWIER	AGAP006998-PA	-	46	0.00037099	2	1514.786	0.85	Ovary	2L:+:40542686-40542724	exon=> In CDS Exon 2 of transcript AGAP006998-PA
JHU_Ag_88278	HYDEYGDIIK	AGAP006998-PA	-	62	9.12E-06	2	1252.581	-2.79	Head	2L:+:40545239-40545268	exon=> In CDS Exon 4 of transcript AGAP006998-PA
JHU_Ag_100690	MTHVMSTHVDR	AGAP006998-PA	M1(Oxidation), M5(Oxidation)	36	0.001563417	3	1345.595	-2.75	Head	2L:+:40544328-40544360	exon=> In CDS Exon 3 of transcript AGAP006998-PA
JHU_Ag_75398	TLLINPR	AGAP007000-PA	N5(Deamidated)	28	0.006943798	1	827.500	2.25	Midgut	2L:-:40588836-40588816	exon=> In CDS Exon 1 of transcript AGAP007000-PA
JHU_Ag_6977	TIFPIEDQSVYQQAEQLAK	AGAP007001-PA	-	93	6.62E-09	2	2208.127	4.13	Head	2L:+:40590504-40590560	exon=> In CDS Exon 3 of transcript AGAP007001-PA
JHU_Ag_10265	TIFPIEDQSVYQQAEQLAK	AGAP007001-PA	-	52	7.21E-05	2	2208.134	7.11	Malpighian tubule	2L:+:40590504-40590560	exon=> In CDS Exon 3 of transcript AGAP007001-PA
JHU_Ag_34210	GQVEAQQHAQK	AGAP007001-PA	-	36	0.003809131	1	1223.612	-0.94	Male reproductive organs	2L:+:40590639-40590671	exon=> In CDS Exon 3 of transcript AGAP007001-PA
JHU_Ag_68491	TIFPIEDQSVYQQAEQLAK	AGAP007001-PA	-	139	1.85E-13	1	2208.120	0.7	Ovary	2L:+:40590504-40590560	exon=> In CDS Exon 3 of transcript AGAP007001-PA
JHU_Ag_79077	TIFPIEDQSVYQQAEQLAK	AGAP007001-PA	-	107	2.45E-10	2	2208.119	0.26	Midgut	2L:+:40590504-40590560	exon=> In CDS Exon 3 of transcript AGAP007001-PA
JHU_Ag_106028	TIFPIEDQSVYQQAEQLAK	AGAP007001-PA	-	63	6.42E-06	2	2208.118	0.04	Male reproductive organs	2L:+:40590504-40590560	exon=> In CDS Exon 3 of transcript AGAP007001-PA
JHU_Ag_106822	IVELTNIPGDALHVVLGFPPFKPLDLSNEANQVLASGISNGDTLIVEEK	AGAP007001-PA	-	98	2.93E-10	1	5183.732	-3.79	Ovary	2L:+:40589649-40589795	exon=> In CDS Exon 1 of transcript AGAP007001-PA
JHU_Ag_105507	QRSVMLVR	AGAP007003-PA	-	32	0.005451085	2	988.562	-10.03	Larva	2L:-:40592659-40592636	exon=> In CDS Exon 3 of transcript AGAP007003-PA
JHU_Ag_53000	VPTSAQAQGQHTYAISFTPR	AGAP007006-PA,AGAP007006-PB	-	102	1.08E-09	1	2160.084	0.5	Head	2L:-:40736319-40736260;2L:-:40736319-40736260	exon=> In CDS Exon 11 of transcript AGAP007006-PA;exon=> In CDS Exon 5 of transcript AGAP007006-PB
JHU_Ag_27317	SESPSYHFNASSLTR	AGAP007006-PA,AGAP007006-PC	-	48	0.000206335	1	1682.781	2.16	Head	2L:-:40757615-40757571;2L:-:40757615-40757571	exon=> In CDS Exon 5 of transcript AGAP007006-PA;exon=> In CDS Exon 5 of transcript AGAP007006-PC
JHU_Ag_34832	RPVIEDEGLYR	AGAP007006-PA,AGAP007006-PC	-	62	1.08E-05	3	1346.703	-2.44	Head	2L:-:40756595-40756563;2L:-:40756595-40756563	exon=> In CDS Exon 5 of transcript AGAP007006-PA;exon=> In CDS Exon 5 of transcript AGAP007006-PC
JHU_Ag_71532	ITHTGLLQHTPDGK	AGAP007006-PA,AGAP007006-PC	-	48	0.00021458	2	1517.811	2.61	Head	2L:-:40759871-40759830;2L:-:40759871-40759830	exon=> In CDS Exon 1 of transcript AGAP007006-PA;exon=> In CDS Exon 1 of transcript AGAP007006-PC
JHU_Ag_103440	RPVTNFTSDFNDGK	AGAP007006-PA,AGAP007006-PC	-	48	0.000247944	2	1597.764	2.04	Head	2L:-:40758962-40759615,40758386-40758850;2L:-:40758962-40759615,40758386-40758850	exon=> In CDS Exon 3 and 2 of transcript AGAP007006-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007006-PC
JHU_Ag_74346	LEDIEVNVEGR	AGAP007006-PC	N7(Deamidated)	35	0.004986845	1	1273.627	0.01	Midgut	2L:-:40740828-40740796	exon=> In CDS Exon 8 of transcript AGAP007006-PC
JHU_Ag_2501	LGGNLTAVPLQGGLK	AGAP007018-PA	-	33	0.001014312	1	1437.850	5.34	Ovary	2L:-:40988481-40988437	exon=> In CDS Exon 5 of transcript AGAP007018-PA

JHU_Ag_2838	TATVTATSLGDSNTK	AGAP007018-PA	-	85	4.46E-08	2	1466.733	-0.19	Salivary gland	2L:-:40988394-40988350	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_35310	LGGNLTAVPLQGGLK	AGAP007018-PA	-	26	0.00465322	2	1437.848	3.81	Head	2L:-:40988481-40988437	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_36662	TATVTATSLGDSNTK	AGAP007018-PA	-	71	1.23E-06	2	1466.733	-0.52	Head	2L:-:40988394-40988350	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_53418	TATVTATSLGDSNTK	AGAP007018-PA	-	88	2.39E-08	2	1466.738	3.48	Ovary	2L:-:40988394-40988350	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_71385	VIIGQSNAGSNAISTSQGGSTTLGTLK	AGAP007018-PA	-	100	8.72E-10	2	2562.338	0.44	Head	2L:-:40988562-40988482	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_76331	VIIGQSNAGSNAISTSQGGSTTLGTLK	AGAP007018-PA	-	36	0.001856931	3	2562.340	1.15	Ovary	2L:-:40988562-40988482	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_78480	TATVTATSLGDSNTK	AGAP007018-PA	-	91	1.12E-08	2	1466.737	2.73	Malpighian tubule	2L:-:40988394-40988350	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_87730	KLTVVTSSGK	AGAP007018-PA	-	29	0.004637595	1	1019.612	1.94	Malpighian tubule	2L:-:40988424-40988395	exon=> In CDS Exon 5 of transcript AGAP007018-PA
JHU_Ag_116114	EKEQDDVHVLGN	AGAP007018-PA	-	39	0.001942463	1	1382.659	3.27	Malpighian tubule	2L:-:40987456-40987421	exon=> In CDS Exon 6 of transcript AGAP007018-PA
JHU_Ag_86859	LASALEIPLLR	AGAP007019-PA	-	38	0.000165472	2	1195.741	0.05	Ovary	2L:+:40997324-40997356	exon=> In CDS Exon 4 of transcript AGAP007019-PA
JHU_Ag_86	NFAEILR	AGAP007020-PA	-	45	0.000471371	1	862.479	0.54	Midgut	2L:-:40999774-40999754	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_589	AYGQLAAADPFPFPIIDDSKR	AGAP007020-PA	-	92	6.86E-09	1	2292.171	2.01	Pupa	2L:-:40999978-40999916	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_22536	LSILYPATTGRNFAEILR	AGAP007020-PA	-	27	0.006483643	1	2035.144	4.95	Malpighian tubule	2L:-:40999807-40999754	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_25237	AYGQLAAADPFPFPIIDDSKR	AGAP007020-PA	-	89	1.57E-08	1	2292.170	1.61	Head	2L:-:40999978-40999916	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_36758	AYGQLAAADPFPFPIIDDSKR	AGAP007020-PA	-	71	1.07E-06	1	2292.166	-0.15	Ovary	2L:-:40999978-40999916	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_76245	AYGQLAAADPFPFPIIDDSKR	AGAP007020-PA	-	50	0.000124286	1	2292.167	0.25	Male reproductive organs	2L:-:40999978-40999916	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_85294	AYGQLAAADPFPFPIIDDSKR	AGAP007020-PA	-	67	2.53E-06	1	2292.171	2.09	Visceras	2L:-:40999978-40999916	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_89023	LSILYPATTGR	AGAP007020-PA	-	63	3.25E-06	2	1191.673	-0.18	Male reproductive organs	2L:-:40999807-40999775	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_95599	AYGQLAAADPFPFPIIDDSK	AGAP007020-PA	-	96	4.12E-09	1	2136.070	2.21	Head	2L:-:40999978-40999919	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_106637	LSILYPATTGR	AGAP007020-PA	-	42	0.000394176	2	1191.674	0.84	Ovary	2L:-:40999807-40999775	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_117828	AYGQLAAADPFPFPIIDDSKR	AGAP007020-PA	-	90	1.22E-08	1	2292.167	0.49	Midgut	2L:-:40999978-40999916	exon=> In CDS Exon 1 of transcript AGAP007020-PA
JHU_Ag_27563	GAPLATSTPGQDVPAQANK	AGAP007022-PA	-	36	0.003796086	1	1822.933	2.16	Head	2L:-:41006948-41006892	exon=> In CDS Exon 2 of transcript AGAP007022-PA
JHU_Ag_76447	KPSGGVAKK	AGAP007022-PA	-	36	0.002684251	2	871.534	-2	Visceras	2L:-:41009272-41009246	exon=> In CDS Exon 1 of transcript AGAP007022-PA
JHU_Ag_13853	LQCDEDPPHAYSQTFVLKPLGGTFFCAHDIFR	AGAP007024-PA	C3(Carbamidomethyl), C26(Carbamidomethyl)	85	2.91E-08	1	3766.770	-2.28	Visceras	2L:+:41026313-41026408	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_14124	AINPQYEEIGK	AGAP007024-PA	N-Term(Acetyl)	47	0.000364582	1	1303.652	-0.34	Head	2L:+:41026043-41026075	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_15041	LNIHNSA	AGAP007024-PA	-	40	0.000668864	2	768.400	0.62	Ovary	2L:+:41026409-41026429	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_41750	AINPQYEEIGK	AGAP007024-PA	N-Term(Acetyl)	44	0.000654328	1	1303.653	-0.24	Midgut	2L:+:41026043-41026075	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_44410	LQCDEDPPHAYSQTFVLKPLGGTFFCAHDIFR	AGAP007024-PA	C3(Carbamidomethyl), C26(Carbamidomethyl)	65	3.43E-06	1	3766.785	1.9	Head	2L:+:41026313-41026408	exon=> In CDS Exon 1 of transcript AGAP007024-PA

JHU_Ag_77521	AINPQYEEIGK	AGAP007024-PA	N-Term(Acetyl)	46	0.000442 38	1	1303.654	0.6	Visceras	2L:+:41026043-41026075	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_78499	LQSLTFQNIK	AGAP007024-PA	-	71	5.12E-07	1	1191.673	-0.49	Ovary	2L:+:41026214-41026243	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_84253	LQSLTFQNIK	AGAP007024-PA	-	33	0.003406 689	2	1191.673	-0.49	Salivary gland	2L:+:41026214-41026243	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_85736	GFVTQYYALFDDSTQRPSLVNLYNAEL SFMTFEGQQIQGAAK	AGAP007024-PA	M30(Oxidation)	214	2.98E-21	1	4764.289	-0.86	Ovary	2L:+:41026076-41026201	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_95593	LQCDEDPPHAYSQTFVLKPLGGTFFCA HDIFR	AGAP007024-PA	C3(Carbamidomethyl), C26(Carbamidomethyl)	96	2.77E-09	1	3766.782	1.09	Ovary	2L:+:41026313-41026408	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_96687	LQSLTFQNIK	AGAP007024-PA	-	39	0.001000 766	1	1191.672	-1.41	Head	2L:+:41026214-41026243	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_108464	LQSLTFQNIK	AGAP007024-PA	-	41	0.000622 777	1	1191.673	-0.53	Midgut	2L:+:41026214-41026243	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_114901	LQCDEDPPHAYSQTFVLKPLGGTFFCA HDIFR	AGAP007024-PA	C3(Carbamidomethyl), C26(Carbamidomethyl)	51	8.83E-05	1	3766.790	3.12	Midgut	2L:+:41026313-41026408	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_117017	AINPQYEEIGK	AGAP007024-PA	N-Term(Acetyl)	75	5.69E-07	1	1303.653	0.45	Ovary	2L:+:41026043-41026075	exon=> In CDS Exon 1 of transcript AGAP007024-PA
JHU_Ag_2373	VLTAVDSQPMFDGGVLINVLGR	AGAP007024-PA,AGAP000498-PA	M10(Oxidation)	85	3.34E-08	2	2317.221	-0.4	Visceras	2L:+:41026247-41026312;X:+:8763046-8763111	exon=> In CDS Exon 1 of transcript AGAP007024-PA;exon=> In CDS Exon 3 of transcript AGAP000498-PA
JHU_Ag_79574	VLTAVDSQPMFDGGVLINVLGR	AGAP007024-PA,AGAP000498-PA	M10(Oxidation)	163	4.54E-16	1	2317.226	1.81	Ovary	2L:+:41026247-41026312;X:+:8763046-8763111	exon=> In CDS Exon 1 of transcript AGAP007024-PA;exon=> In CDS Exon 3 of transcript AGAP000498-PA
JHU_Ag_101370	VLTAVDSQPMFDGGVLINVLGR	AGAP007024-PA,AGAP000498-PA	M10(Oxidation)	45	0.000251 571	1	2317.236	6.02	Larva	2L:+:41026247-41026312;X:+:8763046-8763111	exon=> In CDS Exon 1 of transcript AGAP007024-PA;exon=> In CDS Exon 3 of transcript AGAP000498-PA
JHU_Ag_2840	ANLLEVLK	AGAP007025-PA	N2(Deamidated)	42	0.000738 424	1	900.532	-9.11	Visceras	2L:+:41027628-41027651	exon=> In CDS Exon 4 of transcript AGAP007025-PA
JHU_Ag_7298	AAVYWVEYVLR	AGAP007028-PA	-	65	2.94E-06	2	1368.733	1.63	Salivary gland	2L:-:41048250-41048218	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_8088	AAVYWVEYVLR	AGAP007028-PA	-	64	4.13E-06	2	1368.736	3.5	Malpighian tubule	2L:-:41048250-41048218	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_10241	ILGILPSVGR	AGAP007028-PA	-	53	7.48E-06	2	1024.653	1.32	Salivary gland	2L:-:41049519-41049490	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_18142	TVLDGPAYGER	AGAP007028-PA	-	66	4.42E-06	1	1177.581	-2.86	Midgut	2L:-:41048334-41048302	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_21166	CVFLPQQEAMYR	AGAP007028-PA	C1(Carbamidomethyl), M10(Oxidation)	40	0.001153 14	2	1557.718	-0.62	Midgut	2L:-:41048955-41048920	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_23727	DILLPDLATSHGVSGPDLFQYK	AGAP007028-PA	-	30	0.010700 985	1	2386.236	2.98	Head	2L:-:41049378-41049313	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_25247	ILGILPSVGR	AGAP007028-PA	-	35	0.000396 395	1	1024.652	0.61	Malpighian tubule	2L:-:41049519-41049490	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_25956	ALLDAGHEVTIVSPYPMK	AGAP007028-PA	M17(Oxidation)	128	1.62E-12	1	1941.017	0.8	Midgut	2L:-:41049456-41049403	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_27368	AAFVNVFR	AGAP007028-PA	-	48	0.000114 695	2	923.510	-0.26	Salivary gland	2L:-:41048661-41048638	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_33296	AAFVNVFR	AGAP007028-PA	-	48	9.27E-05	2	923.512	1.92	Male reproductive organs	2L:-:41048661-41048638	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_37468	YIDEAPHGVIYFSMGSMLK	AGAP007028-PA	M14(Oxidation), M17(Oxidation)	64	5.34E-06	3	2190.023	-0.75	Salivary gland	2L:-:41048745-41048689	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_40605	AWMPQSDILAHPK	AGAP007028-PA	-	48	0.000233 201	2	1493.759	1.3	Midgut	2L:-:41048562-41048524	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_41704	LTFQQTLESVR	AGAP007028-PA	-	90	1.16E-08	1	1321.719	5.65	Midgut	2L:-:41048898-41048866	exon=> In CDS Exon 1 of transcript AGAP007028-PA

JHU_Ag_46678	LTFQQTLESVR	AGAP007028-PA	-	83	5.65E-08	1	1321.711	-0.17	Malpighian tubule	2L:-:41048898-41048866	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_46894	ALLDAGHEVTIVSPYPMK	AGAP007028-PA	M17(Oxidation)	53	6.66E-05	1	1957.013	1.57	Salivary gland	2L:-:41049456-41049403	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_53117	AAFVNVFR	AGAP007028-PA	-	32	0.003777 82	1	923.510	0.66	Malpighian tubule	2L:-:41048661-41048638	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_65779	LTFQQTLESVR	AGAP007028-PA	-	44	0.000425 019	2	1321.717	4.72	Male reproductive organs	2L:-:41048898-41048866	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_66174	LTFQQTLESVR	AGAP007028-PA	-	64	4.78E-06	1	1321.709	-1.74	Salivary gland	2L:-:41048898-41048866	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_76959	TVLDGPAYGER	AGAP007028-PA	-	53	9.48E-05	2	1177.584	-0.47	Salivary gland	2L:-:41048334-41048302	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_87451	AAVYWVEYVLR	AGAP007028-PA	-	77	2.34E-07	1	1368.732	0.47	Midgut	2L:-:41048250-41048218	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_87770	LDYDTLSEETIAAAIR	AGAP007028-PA	-	107	2.58E-10	2	1780.904	4.11	Salivary gland	2L:-:41048382-41048335	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_92822	DILLPDLATSHGVSGPDLFQYK	AGAP007028-PA	-	95	3.40E-09	1	2386.229	0.02	Midgut	2L:-:41049378-41049313	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_94268	LAFVNQHFTLSYPHPYAPNMVEIGGIQ IQPAK	AGAP007028-PA	M20(Oxidation)	61	6.11E-06	1	3596.838	0.63	Midgut	2L:-:41048865-41048770	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_94893	LDYDTLSEETIAAAIR	AGAP007028-PA	-	102	9.20E-10	2	1780.905	4.66	Midgut	2L:-:41048382-41048335	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_99645	SHYIIGAGLMK	AGAP007028-PA	-	40	0.001536 448	1	1189.640	0.49	Malpighian tubule	2L:-:41049489-41049457	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_109773	AAFVNVFR	AGAP007028-PA	-	58	1.17E-05	2	923.510	-0.33	Midgut	2L:-:41048661-41048638	exon=> In CDS Exon 1 of transcript AGAP007028-PA
JHU_Ag_11338	TGYGLLLPYQDISEER	AGAP007029-PA	-	47	0.000286 761	1	1853.928	-0.07	Head	2L:+:41053862-41053909	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_11693	APCVALSTFGASR	AGAP007029-PA	C3(Carbamidomethyl)	89	2.46E-08	1	1336.667	-0.8	Midgut	2L:+:41053124-41053162	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_33019	RGHEVSVINPFPQK	AGAP007029-PA	-	61	7.89E-06	1	1607.870	2.71	Midgut	2L:+:41052597-41052608,41052696-41052725	exon=> In CDS Exon 1 and 2 of transcript AGAP007029-PA
JHU_Ag_37874	TVAQSISAR	AGAP007029-PA	-	54	4.67E-05	2	932.525	9.59	Salivary gland	2L:+:41053955-41053981	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_40809	DIDVSGSEELVK	AGAP007029-PA	-	43	0.000927 469	2	1290.647	3.56	Midgut	2L:+:41052747-41052782	exon=> In CDS Exon 2 of transcript AGAP007029-PA
JHU_Ag_42216	KPNPLPEDIQR	AGAP007029-PA	-	31	0.008054 403	1	1306.709	-1.56	Midgut	2L:+:41053484-41053516	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_42996	TGYGLLLPYQDISEER	AGAP007029-PA	-	39	0.001867 54	1	1853.934	2.96	Salivary gland	2L:+:41053862-41053909	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_67687	TGYGLLLPYQDISEER	AGAP007029-PA	-	101	1.36E-09	1	1853.924	-2.44	Midgut	2L:+:41053862-41053909	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_69228	WEDETLPNRPANVIVK	AGAP007029-PA	-	60	1.07E-05	1	1880.987	0.02	Midgut	2L:+:41053652-41053699	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_69928	AWWPQDDVLAHPNVR	AGAP007029-PA	-	72	1.02E-06	1	1803.892	-0.4	Midgut	2L:+:41053700-41053744	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_103427	APCVALSTFGASR	AGAP007029-PA	C3(Carbamidomethyl)	100	2.07E-09	1	1336.670	1.57	Salivary gland	2L:+:41053124-41053162	exon=> In CDS Exon 4 of transcript AGAP007029-PA
JHU_Ag_117360	KMLEK	AGAP007032-PA	M2(Oxidation)	35	0.003013 038	1	664.365	-6.88	Pupa	2L:+:41249581-41249595	exon=> In CDS Exon 3 of transcript AGAP007032-PA
JHU_Ag_18715	QLTLLK	AGAP007035-PA	Q1(Deamidated)	38	0.000263 656	1	716.455	-0.48	Midgut	2L:-:41266690-41266673	exon=> In CDS Exon 2 of transcript AGAP007035-PA
JHU_Ag_24398	IEDDTFQATTSLQNLQLSSNR	AGAP007035-PA	-	77	3.12E-07	2	2381.170	5.23	Pupa	2L:-:41267896-41267834	exon=> In CDS Exon 2 of transcript AGAP007035-PA

JHU_Ag_32830	QLTLLK	AGAP007035-PA	Q1(Deamidated)	38	0.000293115	1	716.454	-1.75	Pupa	2L:-:41266690-41266673	exon=> In CDS Exon 2 of transcript AGAP007035-PA
JHU_Ag_41935	QLTLLK	AGAP007035-PA	Q1(Deamidated)	37	0.000384625	1	716.455	-0.48	Head	2L:-:41266690-41266673	exon=> In CDS Exon 2 of transcript AGAP007035-PA
JHU_Ag_90633	GPVNVELTILK	AGAP007035-PA,AGAP007033-PA	-	51	2.00E-05	2	1182.710	0.69	Pupa	2L:-:41267698-41267666;2L:-:41258974-41258942	exon=> In CDS Exon 2 of transcript AGAP007035-PA;exon=> In CDS Exon 2 of transcript AGAP007033-PA
JHU_Ag_18016	LVALNLYGQPIPTLK	AGAP007036-PA	-	64	3.98E-07	1	1639.986	4.82	Larva	2L:-:41271817-41271773	exon=> In CDS Exon 2 of transcript AGAP007036-PA
JHU_Ag_114663	LVALNLYGQPIPTLK	AGAP007036-PA	-	76	2.71E-08	2	1639.981	1.4	Pupa	2L:-:41271817-41271773	exon=> In CDS Exon 2 of transcript AGAP007036-PA
JHU_Ag_24002	LEAFDFALVR	AGAP007039-PA	-	55	2.80E-05	2	1180.639	2.07	Pupa	2L:+:41293039-41293068	exon=> In CDS Exon 2 of transcript AGAP007039-PA
JHU_Ag_48441	NQALAKELEQEK	AGAP007039-PA	-	36	0.003506736	1	1400.732	-4.59	Malpighian tubule	2L:+:41293669-41293704	exon=> In CDS Exon 2 of transcript AGAP007039-PA
JHU_Ag_81024	SLETLDVSSNR	AGAP007039-PA	-	38	0.00280079	2	1220.612	0.18	Pupa	2L:+:41292811-41292843	exon=> In CDS Exon 2 of transcript AGAP007039-PA
JHU_Ag_105738	LEAFDFALVR	AGAP007039-PA	-	48	0.00014412	2	1180.637	0.93	Visceras	2L:+:41293039-41293068	exon=> In CDS Exon 2 of transcript AGAP007039-PA
JHU_Ag_6661	GTGTAGDSLVLHK	AGAP007041-PA	-	89	1.26E-08	1	1255.667	1.91	Male reproductive organs	2L:+:41382656-41382694	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_20385	AAAHGSEEYEHNPDGR	AGAP007041-PA	-	60	5.16E-06	1	1739.737	-0.08	Male reproductive organs	2L:+:41382290-41382337	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_24135	AAAHGSEEYEHNPDGRENGSFFVR	AGAP007041-PA	-	104	2.96E-10	1	2676.184	0.7	Male reproductive organs	2L:+:41382290-41382361	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_27288	GGIIWHTFR	AGAP007041-PA	-	67	2.88E-06	1	1086.582	-2.54	Male reproductive organs	2L:+:41382906-41382932	exon=> In CDS Exon 2 of transcript AGAP007041-PA
JHU_Ag_42733	LHIDQSLEYLASK	AGAP007041-PA	-	100	1.35E-09	1	1516.806	3.51	Male reproductive organs	2L:+:41382008-41382046	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_46539	YDGTVDFYR	AGAP007041-PA	-	62	5.45E-06	2	1135.506	0.26	Male reproductive organs	2L:+:41382419-41382445	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_51442	VLLETSAFCER	AGAP007041-PA	C9(Carbamidomethyl)	91	1.27E-08	1	1324.656	-0.25	Male reproductive organs	2L:+:41382068-41382100	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_54548	ENGSFFVR	AGAP007041-PA	-	41	0.000657349	2	955.462	-0.97	Male reproductive organs	2L:+:41382338-41382361	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_89823	ELKHDISTWISALLPKPK	AGAP007041-PA	-	85	4.39E-09	1	2076.191	2.78	Male reproductive organs	2L:+:41382101-41382154	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_90525	HDISTWISALLPKPK	AGAP007041-PA	-	74	1.31E-07	1	1705.965	0.62	Male reproductive organs	2L:+:41382110-41382154	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_99078	GSFESLQATR	AGAP007041-PA	-	79	1.78E-07	2	1095.544	1.28	Male reproductive organs	2L:+:41382933-41382962	exon=> In CDS Exon 2 of transcript AGAP007041-PA
JHU_Ag_108705	DGFGDLGGEFWLGLEK	AGAP007041-PA	-	140	1.47E-13	1	1739.829	0.8	Male reproductive organs	2L:+:41382464-41382511	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_117607	LYGDGWLVFQQR	AGAP007041-PA	-	97	3.17E-09	1	1481.754	0.38	Male reproductive organs	2L:+:41382383-41382418	exon=> In CDS Exon 1 of transcript AGAP007041-PA
JHU_Ag_7456	VAYNADTYGFQPQGAHLPVEPPVPDHVLK	AGAP007042-PA	Q11(Deamidated),Q13(Deamidated)	157	2.03E-15	1	3159.594	1.16	Head	2L:+:41387180-41387266	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_16689	ANPPRDQEFNLAALDAQIAR	AGAP007042-PA	-	102	8.40E-10	1	2210.138	3.21	Head	2L:+:41387285-41387344	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_46269	ANPPRDQEFNLAALDAQIAR	AGAP007042-PA	-	105	4.39E-10	1	2210.137	2.63	Visceras	2L:+:41387285-41387344	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_49294	DQEFNLAALDAQIAR	AGAP007042-PA	-	140	1.69E-13	2	1674.851	3.49	Head	2L:+:41387300-41387344	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_66110	ANPPRDQEFNLAALDAQIAR	AGAP007042-PA	-	70	1.26E-06	3	2210.126	-2.51	Midgut	2L:+:41387285-41387344	exon=> In CDS Exon 2 of transcript AGAP007042-PA

JHU_Ag_66723	RLGGPLPLGTAESQAVILAQEQNHDPSGAYNYR	AGAP007042-PA	-	68	1.59E-06	1	3522.772	-0.27	Head	2L:+:41386979-41387077	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_79889	VAYNADTYGFQPQGAHLPVEPPVPDHVLK	AGAP007042-PA	-	150	1.19E-14	1	3159.586	-1.39	Midgut	2L:+:41387180-41387266	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_93072	LGGPLPLGTAESQAVILAQEQNHDPSGAYNYR	AGAP007042-PA	Q19(Deamidated),Q13(Deamidated),N22(Deamidated),Q21(Deamidated),N30(Deamidated)	247	1.67E-24	1	3366.687	4.51	Head	2L:+:41386982-41387077	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_97684	LGGPLPLGTAESQAVILAQEQNHDPSGAYNYR	AGAP007042-PA	-	171	7.38E-17	1	3366.680	2.55	Visceras	2L:+:41386982-41387077	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_106325	VAYNADTYGFQPQGAHLPVEPPVPDHVLK	AGAP007042-PA	-	140	1.12E-13	1	3159.605	4.64	Malpighian tubule	2L:+:41387180-41387266	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_108387	VAYNADTYGFQPQGAHLPVEPPVPDHVLK	AGAP007042-PA	-	112	7.30E-11	1	3159.603	4.27	Visceras	2L:+:41387180-41387266	exon=> In CDS Exon 2 of transcript AGAP007042-PA
JHU_Ag_99685	EYFFDRDPDIFR	AGAP007046-PA	-	52	8.99E-05	1	1619.754	3.24	Head	2L:-:41644339-41644304	exon=> In CDS Exon 1 of transcript AGAP007046-PA
JHU_Ag_100639	AAAIGWVPIASHPLPAPPVFK	AGAP007046-PA	-	80	2.56E-08	1	2139.218	3.08	Head	2L:-:41644546-41644484	exon=> In CDS Exon 1 of transcript AGAP007046-PA
JHU_Ag_1135	SLYNFKK	AGAP007050-PA	N-Term(Acetyl)	36	0.001554857	1	941.513	3.79	Malpighian tubule	2L:-:41831324-41831304	exon=> In CDS Exon 1 of transcript AGAP007050-PA
JHU_Ag_3395	QASNLTYLEEVR	AGAP007050-PA	-	69	1.64E-06	2	1422.726	2.71	Head	2L:-:41830671-41830636	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_13952	LFDSIKPLFANKPLVLVLNK	AGAP007050-PA	-	45	6.00E-06	1	2269.367	-0.67	Salivary gland	2L:-:41830290-41830231	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_21460	ADVDVQPYAFTTK	AGAP007050-PA	-	57	2.63E-05	2	1454.718	0.92	Salivary gland	2L:-:41830530-41830492	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_27078	LFDSIKPLFANKPLVLVLNK	AGAP007050-PA	-	53	1.04E-06	1	2269.377	3.85	Ovary	2L:-:41830290-41830231	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_28220	LALGQLNTAR	AGAP007050-PA	-	66	1.88E-06	2	1056.620	3.87	Malpighian tubule	2L:-:41830897-41830868	exon=> In CDS Exon 2 of transcript AGAP007050-PA
JHU_Ag_36829	KLDGVLNR	AGAP007050-PA	-	42	0.000895395	1	914.542	0.48	Salivary gland	2L:-:41830041-41830018	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_42860	LTQIIQDFPK	AGAP007050-PA	-	61	7.38E-06	2	1202.678	0.22	Midgut	2L:-:41830993-41830964	exon=> In CDS Exon 2 of transcript AGAP007050-PA
JHU_Ag_71530	WQVIDTPGILDHPLEER	AGAP007050-PA	-	40	0.001563253	1	2018.038	1.73	Visceras	2L:-:41830452-41830402	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_72221	LFDSIKPLFANKPLVLVLNK	AGAP007050-PA	-	28	0.000339649	1	2269.384	6.87	Malpighian tubule	2L:-:41830290-41830231	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_77928	LTQIIQDFPK	AGAP007050-PA	-	59	1.35E-05	2	1202.679	0.73	Salivary gland	2L:-:41830993-41830964	exon=> In CDS Exon 2 of transcript AGAP007050-PA
JHU_Ag_77949	TVIVCGFPNVGK	AGAP007050-PA	C5(Carbamidomethyl)	59	1.96E-05	2	1290.690	1.81	Salivary gland	2L:-:41830593-41830558	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_89968	LFDSIKPLFANKPLVLVLNK	AGAP007050-PA	-	38	3.84E-05	1	2269.364	-2.11	Midgut	2L:-:41830290-41830231	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_95042	HLIDTVAK	AGAP007050-PA	-	32	0.002177867	1	896.521	0.79	Salivary gland	2L:-:41830867-41831128,41829298-41830768	exon=> In CDS Exon 3 and 2 of transcript AGAP007050-PA
JHU_Ag_95331	LTQIIQDFPK	AGAP007050-PA	-	45	0.000246879	1	1202.683	4.18	Ovary	2L:-:41830993-41830964	exon=> In CDS Exon 2 of transcript AGAP007050-PA
JHU_Ag_101325	TVIVCGFPNVGK	AGAP007050-PA	C5(Carbamidomethyl)	63	5.46E-06	1	1290.694	4.74	Malpighian tubule	2L:-:41830593-41830558	exon=> In CDS Exon 3 of transcript AGAP007050-PA
JHU_Ag_102457	HLIDTVAKDYVR	AGAP007050-PA	-	82	7.42E-08	1	1429.784	2.63	Malpighian tubule	2L:-:41830867-41831128,41829298-41830756	exon=> In CDS Exon 3 and 2 of transcript AGAP007050-PA

JHU_Ag_107669	LALGQLNTAR	AGAP007050-PA	-	62	4.47E-06	2	1056.616	-0.05	Salivary gland	2L:-:41830897-41830868	exon=> In CDS Exon 2 of transcript AGAP007050-PA
JHU_Ag_2366	TLLNSQYPVLTSR	AGAP007053-PA	-	81	5.93E-08	2	1491.817	0.06	Midgut	2L:+:41883559-41883597	exon=> In CDS Exon 5 of transcript AGAP007053-PA
JHU_Ag_8185	NYICTEDFCDNYR	AGAP007053-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	60	1.21E-06	2	1769.692	1.35	Midgut	2L:+:41882757-41882786,41882855-41882863	exon=> In CDS Exon 1 and 2 of transcript AGAP007053-PA
JHU_Ag_102081	DICQPDGFYDR	AGAP007053-PA	C3(Carbamidomethyl)	56	1.27E-05	2	1385.579	-0.05	Midgut	2L:+:41883924-41883956	exon=> In CDS Exon 6 of transcript AGAP007053-PA
JHU_Ag_105858	RGECYCVDEDGGQVGVERPEK	AGAP007053-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	99	1.02E-09	1	2439.079	5.02	Midgut	2L:+:41884254-41884316	exon=> In CDS Exon 7 of transcript AGAP007053-PA
JHU_Ag_47598	AANIGPEGEAVAER	AGAP007054-PA	-	65	3.75E-06	2	1383.690	2.44	Salivary gland	2L:-:41885884-41885843	exon=> In CDS Exon 5 of transcript AGAP007054-PA
JHU_Ag_1889	LPTEATPGLITWK	AGAP007055-PA	-	44	0.000246555	1	1426.797	1.97	Male reproductive organs	2L:-:41893326-41893288	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_11283	FPTAPGIDFPK	AGAP007055-PA	-	49	0.000244162	2	1189.623	-2.02	Head	2L:-:41894010-41893978	exon=> In CDS Exon 4 of transcript AGAP007055-PA
JHU_Ag_19198	YIGAYWR	AGAP007055-PA	-	38	0.001506663	1	928.466	-1.25	Head	2L:-:41894837-41894817	exon=> In CDS Exon 2 of transcript AGAP007055-PA
JHU_Ag_19277	ERDLEEAVAMEAVAAPR	AGAP007055-PA	M10(Oxidation)	43	0.000932242	2	1872.918	3.34	Head	2L:-:41894995-41895010,41894373-41894865	exon=> In CDS Exon 2 and 1 of transcript AGAP007055-PA
JHU_Ag_21378	LPTEATPGLITWK	AGAP007055-PA	-	75	2.13E-07	1	1426.795	0.6	Salivary gland	2L:-:41893326-41893288	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_27454	VSGMSALLGQSLAGLK	AGAP007055-PA	M4(Oxidation)	109	1.00E-10	1	1547.852	3.47	Larva	2L:-:41893212-41893165	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_29194	VSGMSALLGQSLAGLK	AGAP007055-PA	M4(Oxidation)	96	2.16E-09	1	1547.847	0.31	Midgut	2L:-:41893212-41893165	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_31640	LPTEATPGLITWK	AGAP007055-PA	-	81	3.90E-08	1	1426.802	5.31	Larva	2L:-:41893326-41893288	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_53091	LPTEATPGLITWK	AGAP007055-PA	-	45	0.000197203	1	1426.797	1.97	Pupa	2L:-:41893326-41893288	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_56165	AADIGAEGEAVAK	AGAP007055-PA	-	67	2.67E-06	2	1201.606	-0.4	Male reproductive organs	2L:-:41893769-41893731	exon=> In CDS Exon 5 of transcript AGAP007055-PA
JHU_Ag_58263	LPTEATPGLITWK	AGAP007055-PA	-	86	1.65E-08	2	1426.794	-0.17	Midgut	2L:-:41893326-41893288	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_60604	AADIGAEGEAVAK	AGAP007055-PA	-	113	6.20E-11	1	1201.606	-0.19	Malpighian tubule	2L:-:41893769-41893731	exon=> In CDS Exon 5 of transcript AGAP007055-PA
JHU_Ag_61309	FPTAPGIDFPK	AGAP007055-PA	-	50	0.000184093	2	1189.627	1.37	Salivary gland	2L:-:41894010-41893978	exon=> In CDS Exon 4 of transcript AGAP007055-PA
JHU_Ag_64984	LPTEATPGLITWK	AGAP007055-PA	-	49	6.97E-05	1	1426.798	2.57	Ovary	2L:-:41893326-41893288	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_65608	FPTAPGIDFPK	AGAP007055-PA	-	52	0.000110769	1	1189.625	-0.38	Larva	2L:-:41894010-41893978	exon=> In CDS Exon 4 of transcript AGAP007055-PA
JHU_Ag_66727	AADIGAEGEAVAK	AGAP007055-PA	-	68	2.01E-06	2	1201.605	-0.9	Head	2L:-:41893769-41893731	exon=> In CDS Exon 5 of transcript AGAP007055-PA
JHU_Ag_68988	VSGMSALLGQSLAGLK	AGAP007055-PA	-	104	2.78E-10	1	1531.854	1.86	Head	2L:-:41893212-41893165	exon=> In CDS Exon 7 of transcript AGAP007055-PA
JHU_Ag_79015	AADIGAEGEAVAKR	AGAP007055-PA	-	47	0.000204211	1	1357.709	1.32	Malpighian tubule	2L:-:41893769-41893728	exon=> In CDS Exon 5 of transcript AGAP007055-PA
JHU_Ag_90349	AADIGAEGEAVAKR	AGAP007055-PA	-	87	2.36E-08	1	1357.713	4.65	Male reproductive organs	2L:-:41893769-41893728	exon=> In CDS Exon 5 of transcript AGAP007055-PA
JHU_Ag_99440	AADIGAEGEAVAK	AGAP007055-PA	-	62	9.41E-06	2	1201.609	2.55	Salivary gland	2L:-:41893769-41893731	exon=> In CDS Exon 5 of transcript AGAP007055-PA
JHU_Ag_101902	LPTEATPGLITWK	AGAP007055-PA	-	75	2.08E-07	1	1426.797	1.8	Head	2L:-:41893326-41893288	exon=> In CDS Exon 7 of transcript AGAP007055-PA

JHU_Ag_3988	ELAPGTFEGLESVINLHLNR	AGAP007059-PA	-	37	0.001485299	1	2209.171	4.29	Pupa	2L:-:42064355-42064296	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_5993	VLPATVFNSMGVLR	AGAP007059-PA	-	66	1.20E-06	2	1503.843	4.85	Pupa	2L:-:42065003-42064962	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_8171	VLDVGVFR	AGAP007059-PA	-	52	4.41E-05	2	904.529	3.85	Larva	2L:-:42063215-42063192	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_14379	LSLADNFLQELK	AGAP007059-PA	-	92	5.27E-09	2	1390.758	0.54	Pupa	2L:-:42065246-42065211	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_27670	LLDRLSK	AGAP007059-PA	-	30	0.010315326	1	844.523	-2.88	Head	2L:-:42062357-42062337	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_28662	LWLSGNFLR	AGAP007059-PA	-	41	0.0006722	1	1105.620	4.47	Larva	2L:-:42064742-42064716	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_33954	LFAAQLALQNLHLSGNR	AGAP007059-PA	-	96	1.30E-09	1	1866.042	4.25	Larva	2L:-:42062912-42062862	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_37576	TLFSADNR	AGAP007059-PA	-	43	0.000499326	1	923.461	2.79	Larva	2L:-:42062399-42062376	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_40478	SLELLSLSK	AGAP007059-PA	-	36	0.001497455	2	989.591	3.49	Larva	2L:-:42065402-42065376	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_40622	IATMEQGCFR	AGAP007059-PA	M4(Oxidation), C8(Carbamidomethyl)	69	1.07E-06	1	1228.549	2.88	Larva	2L:-:42064007-42063978	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_41845	LEELFLGNNK	AGAP007059-PA	-	51	0.000107016	2	1176.625	-0.58	Pupa	2L:-:42063107-42063078	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_51743	ELELQQNYLSHLDSATFEENLR	AGAP007059-PA	-	110	1.33E-10	1	2649.284	1.67	Pupa	2L:-:42064961-42064896	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_52443	GISYVQEIDFSGNLLR	AGAP007059-PA	-	76	3.08E-07	2	1810.933	-0.17	Pupa	2L:-:42065339-42065292	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_54864	TLPDLFFAEKPK	AGAP007059-PA	-	32	0.004571878	2	1405.784	7.97	Larva	2L:-:42065291-42065256	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_55055	LWLSGNFLR	AGAP007059-PA	-	39	0.00120289	2	1105.616	0.94	Pupa	2L:-:42064742-42064716	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_55126	NQLETIDPQTFR	AGAP007059-PA	-	65	5.04E-06	2	1461.736	1.53	Pupa	2L:-:42065375-42065340	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_55518	DIFTGNEALK	AGAP007059-PA	-	57	2.75E-05	1	1107.572	3.63	Larva	2L:-:42063494-42063465	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_60490	YLYLDNNR	AGAP007059-PA	-	33	0.004772255	1	1070.530	2.91	Larva	2L:-:42065465-42065442	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_61141	ELDLGGNR	AGAP007059-PA	-	65	3.86E-06	2	873.445	2.69	Larva	2L:-:42064601-42064578	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_63353	NQLETIDPQTFR	AGAP007059-PA	-	82	1.22E-07	1	1461.740	4.45	Larva	2L:-:42065375-42065340	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_64498	IAVLDFAMIATK	AGAP007059-PA	M8(Oxidation)	99	7.42E-10	2	1292.730	1.11	Pupa	2L:-:42062597-42062562	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_64857	ELELQQNYLSHLDSATFEENLR	AGAP007059-PA	-	144	6.16E-14	1	2649.292	4.91	Larva	2L:-:42064961-42064896	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_69104	LDYLGLQR	AGAP007059-PA	-	51	9.21E-05	2	977.542	0.5	Pupa	2L:-:42064109-42064086	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_69200	LFAAQLALQNLHLSGNR	AGAP007059-PA	-	96	1.30E-09	1	1866.039	2.29	Pupa	2L:-:42062912-42062862	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_75952	VLDVGVFR	AGAP007059-PA	-	52	4.91E-05	2	904.526	1.22	Pupa	2L:-:42063215-42063192	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_83626	LSLADNFLQELKK	AGAP007059-PA	-	32	0.003918094	1	1518.857	2.78	Pupa	2L:-:42065246-42065208	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_85159	GLNLSNNNLK	AGAP007059-PA	-	42	0.000896581	2	1086.589	-1.56	Pupa	2L:-:42065033-42065004	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_96494	IAVLDFAMIATK	AGAP007059-PA	M8(Oxidation)	94	2.79E-09	1	1308.730	4.79	Larva	2L:-:42062597-42062562	exon=> In CDS Exon 2 of transcript AGAP007059-PA

JHU_Ag_98732	SLELLSLSK	AGAP007059-PA	-	73	2.66E-07	2	989.589	1.45	Pupa	2L:-:42065402-42065376	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_103770	TLPDLFFAEKPK	AGAP007059-PA	-	50	0.000102715	2	1405.775	1.46	Pupa	2L:-:42065291-42065256	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_110301	LDYLGLQR	AGAP007059-PA	-	36	0.002759975	2	977.545	3.18	Larva	2L:-:42064109-42064086	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_112693	RLVAGSLEGASK	AGAP007059-PA	-	49	0.000133112	2	1187.673	-1.51	Pupa	2L:-:42064571-42064536	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_116127	LKEISLDDNR	AGAP007059-PA	-	35	0.005033193	2	1202.641	2.86	Larva	2L:-:42062963-42062934	exon=> In CDS Exon 2 of transcript AGAP007059-PA
JHU_Ag_5200	LNIVILSHNK	AGAP007060-PA	-	50	2.00E-05	2	1150.695	0.17	Pupa	2L:-:42068416-42068387	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_14017	LTGPLEGIFAPLR	AGAP007060-PA	-	40	0.000439004	2	1383.807	5.61	Larva	2L:-:42069322-42069284	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_29212	LDLSVNQLAELPK	AGAP007060-PA	-	88	7.30E-09	1	1439.816	3.63	Pupa	2L:-:42070399-42070361	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_33456	FDTFVVEDLLR	AGAP007060-PA	-	86	2.71E-08	2	1353.713	5.71	Larva	2L:-:42067831-42067799	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_35615	LTGPLEGIFAPLRK	AGAP007060-PA	-	27	0.003335583	1	1511.899	3.2	Larva	2L:-:42069322-42069281	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_36222	LTELTGAPFASLSELEK	AGAP007060-PA	-	49	0.000148561	1	1805.959	3.36	Larva	2L:-:42069178-42069128	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_43001	LDLANNQLR	AGAP007060-PA	-	59	9.69E-06	2	1056.579	-0.62	Pupa	2L:-:42068551-42068525	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_48897	LTELTGAPFASLSELEK	AGAP007060-PA	-	43	0.000609142	2	1805.956	1.33	Pupa	2L:-:42069178-42069128	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_63434	ELDISENPLK	AGAP007060-PA	-	51	0.000108612	2	1157.610	4.43	Larva	2L:-:42068698-42068669	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_67705	LVTLTLSGNPLGR	AGAP007060-PA	-	77	6.71E-08	2	1340.794	3.21	Pupa	2L:-:42069280-42069242	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_72327	LTGPLEGIFAPLR	AGAP007060-PA	-	59	6.35E-06	2	1383.804	3.31	Pupa	2L:-:42069322-42069284	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_80270	KLFAGLSSLTSLLLDHNR	AGAP007060-PA	-	152	1.81E-15	1	1985.131	6.57	Larva	2L:-:42070720-42070667	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_83332	LFAGLSSLTSLLLDHNR	AGAP007060-PA	-	34	0.002120087	1	1857.036	6.85	Larva	2L:-:42070717-42070667	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_87612	LRLNDFPAVEELYVER	AGAP007060-PA	N4(Deamidated)	70	1.36E-06	1	1964.021	4.3	Pupa	2L:-:42069448-42069401	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_90698	LTSLAPETFIAQTK	AGAP007060-PA	-	38	0.001317692	1	1519.839	1.7	Pupa	2L:-:42070450-42070409	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_94643	LTGPLEGIFAPLRK	AGAP007060-PA	-	39	0.000247192	1	1511.897	1.87	Pupa	2L:-:42069322-42069281	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_96719	LDLSVNQLAELPK	AGAP007060-PA	-	56	1.15E-05	2	1439.818	4.99	Larva	2L:-:42070399-42070361	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_103751	FDTFVVEDLLR	AGAP007060-PA	-	79	1.60E-07	2	1353.709	2.65	Pupa	2L:-:42067831-42067799	exon=> In CDS Exon 3 of transcript AGAP007060-PA
JHU_Ag_61387	LDLSENR	AGAP007060-PA,AGAP000019-PA	-	49	0.000292461	2	846.431	-0.41	Head	2L:-:42069127-42069107;X:+:285809-285829	exon=> In CDS Exon 3 of transcript AGAP007060-PA;exon=> In CDS Exon 3 of transcript AGAP000019-PA
JHU_Ag_1798	TLDTVLFDDLK	AGAP007061-PA	-	49	0.000169022	2	1279.683	3.68	Head	2L:-:42072671-42072639	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_1964	KLELEQNIIR	AGAP007061-PA	-	39	0.000516713	2	1255.737	0.15	Visceras	2L:-:42074213-42074184	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_4418	DLSNLQTLVLTR	AGAP007061-PA	-	58	1.00E-05	2	1372.786	5.04	Larva	2L:-:42073010-42072975	exon=> In CDS Exon 2 of transcript AGAP007061-PA

JHU_Ag_7218	LFINENQLEELK	AGAP007061-PA	-	35	0.004466212	2	1489.797	4.9	Head	2L:-:42074282-42074247	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_11337	DLSNLQTLVLTR	AGAP007061-PA	-	73	3.60E-07	2	1372.781	1.03	Visceras	2L:-:42073010-42072975	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_17657	FLDDTTQLR	AGAP007061-PA	-	73	7.18E-07	2	1108.563	-0.4	Pupa	2L:-:42074168-42074142	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_18946	IVTVGEFAFR	AGAP007061-PA	-	63	3.88E-06	2	1138.627	1.14	Pupa	2L:-:42075053-42075024	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_25110	TISLGPGSIDFTEDLLSNNQR	AGAP007061-PA	-	110	1.50E-10	1	2277.139	1.48	Visceras	2L:-:42073208-42073146	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_28147	LELLDISDNKFR	AGAP007061-PA	-	62	7.07E-06	1	1462.790	-0.3	Visceras	2L:-:42073931-42073896	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_30126	NHLTALHDDGFVR	AGAP007061-PA	-	80	1.77E-07	1	1494.745	-0.19	Visceras	2L:-:42075131-42075093	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_30385	TLSLAENLIGEIPVK	AGAP007061-PA	-	28	0.004689443	2	1596.925	2.7	Pupa	2L:-:42074141-42074097	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_32430	NHLTALHDDGFVR	AGAP007061-PA	-	46	0.00047067	1	1494.742	-1.79	Pupa	2L:-:42075131-42075093	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_38359	TLSLAENLIGEIPVK	AGAP007061-PA	-	81	2.75E-08	1	1596.923	1.17	Visceras	2L:-:42074141-42074097	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_42320	FLDDTTQLR	AGAP007061-PA	-	77	3.33E-07	2	1108.563	-0.62	Visceras	2L:-:42074168-42074142	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_45847	ELVLADNYIER	AGAP007061-PA	-	76	4.73E-07	2	1334.696	0.37	Visceras	2L:-:42074645-42074613	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_52026	LDDGMFAGNVNLEILK	AGAP007061-PA	-	48	0.00027533	2	1748.886	-1.61	Visceras	2L:-:42074612-42074565	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_57142	NTFLGLTGLR	AGAP007061-PA	-	35	0.002689225	2	1091.622	0.96	Pupa	2L:-:42074819-42074790	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_59232	FTTFDLQQTTFFK	AGAP007061-PA	-	92	1.05E-08	1	1623.807	1.02	Visceras	2L:-:42072533-42072495	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_59395	FNNLEELDASENDELR	AGAP007061-PA	-	126	2.89E-12	1	1907.862	-0.05	Visceras	2L:-:42072308-42072261	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_61837	TFAGLYQLTELNLDHNHAEELPDR	AGAP007061-PA	-	123	8.11E-12	1	2796.363	1.38	Head	2L:-:42074960-42074889	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_61860	FWQQGQVETPTCTIGR	AGAP007061-PA	C12(Carbamidomethyl)	71	1.24E-06	2	1907.905	-0.78	Head	2L:-:42071915-42071868	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_62637	IVTVGEFAFR	AGAP007061-PA	-	75	2.77E-07	2	1138.627	1.14	Visceras	2L:-:42075053-42075024	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_63203	LFINENQLEELK	AGAP007061-PA	-	100	1.43E-09	1	1489.792	1.45	Visceras	2L:-:42074282-42074247	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_63298	ELHLDHNYLSVLSR	AGAP007061-PA	-	50	0.000126934	1	1695.885	2.11	Pupa	2L:-:42074861-42074820	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_64584	NTFLGLTGLR	AGAP007061-PA	-	69	1.09E-06	2	1091.621	0.52	Visceras	2L:-:42074819-42074790	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_66447	FTTFDLQQTTFFK	AGAP007061-PA	-	88	2.37E-08	2	1623.810	3.13	Pupa	2L:-:42072533-42072495	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_69696	FWQQGQVETPTCTIGR	AGAP007061-PA	C12(Carbamidomethyl)	85	4.98E-08	2	1907.906	-0.27	Visceras	2L:-:42071915-42071868	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_70254	LFEELGQLR	AGAP007061-PA	-	78	2.09E-07	2	1104.605	0.39	Visceras	2L:-:42074888-42074862	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_71050	DLSNLQTLVLTR	AGAP007061-PA	-	71	5.95E-07	2	1372.778	-0.74	Head	2L:-:42073010-42072975	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_71438	TLSLAENLIGEIPVK	AGAP007061-PA	-	41	0.000244518	2	1596.924	2.09	Head	2L:-:42074141-42074097	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_79242	ELQLSDNPLVDMEANSFR	AGAP007061-PA	-	81	1.16E-07	2	2077.985	-0.29	Visceras	2L:-:42073496-42073443	exon=> In CDS Exon 2 of transcript AGAP007061-PA

JHU_Ag_82363	NLEDLSLQHNEIR	AGAP007061-PA	-	75	5.38E-07	2	1580.806	2.32	Head	2L:-:42074510-42074472	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_87019	LKELYLSENFIQELTPQSFER	AGAP007061-PA	-	69	1.55E-06	1	2584.337	2.86	Visceras	2L:-:42073718-42073656	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_90907	TISLGPGSIDFTEDLLSNNQR	AGAP007061-PA	-	81	9.84E-08	2	2277.136	-0.13	Pupa	2L:-:42073208-42073146	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_92430	TLDTVLFDDLK	AGAP007061-PA	-	66	3.36E-06	2	1279.679	1.01	Visceras	2L:-:42072671-42072639	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_93372	GLDNLETLR	AGAP007061-PA	-	38	0.002385146	2	1030.552	-0.37	Visceras	2L:-:42075023-42074997	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_97187	DLSNLQTLVLTR	AGAP007061-PA	-	90	7.61E-09	2	1372.782	1.92	Pupa	2L:-:42073010-42072975	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_97434	ELHLDHNYLSVLSR	AGAP007061-PA	-	64	5.50E-06	2	1695.883	0.9	Visceras	2L:-:42074861-42074820	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_104486	KLELEQNIIR	AGAP007061-PA	-	44	0.00017908	1	1255.735	-1.5	Pupa	2L:-:42074213-42074184	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_105456	NHLTALHDDGFVR	AGAP007061-PA	-	82	9.68E-08	1	1494.743	-1.19	Head	2L:-:42075131-42075093	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_106973	NLEDLSLQHNEIR	AGAP007061-PA	-	50	0.000154517	1	1580.803	0.24	Visceras	2L:-:42074510-42074472	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_107299	LELLDISDNKFR	AGAP007061-PA	-	44	0.000398535	3	1462.794	2.51	Pupa	2L:-:42073931-42073896	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_107860	TISLGPGSIDFTEDLLSNNQR	AGAP007061-PA	-	63	6.22E-06	2	2277.154	8.02	Head	2L:-:42073208-42073146	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_111572	ELVLADNYIER	AGAP007061-PA	-	61	1.50E-05	2	1334.697	1.28	Pupa	2L:-:42074645-42074613	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_115015	NLEDLSLQHNEIR	AGAP007061-PA	-	48	0.000247083	2	1580.802	-0.46	Pupa	2L:-:42074510-42074472	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_115569	TFAGLYQLTELNLDHNHAEELPDR	AGAP007061-PA	-	38	0.002468383	1	2796.362	1.2	Visceras	2L:-:42074960-42074889	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_116597	GLEMLETLSINHNPVSR	AGAP007061-PA	-	76	3.31E-07	1	1909.985	2.67	Visceras	2L:-:42073298-42073248	exon=> In CDS Exon 2 of transcript AGAP007061-PA
JHU_Ag_17412	ATEHEENPFVEALNSAALGELLQDAEKR	AGAP007064-PA	N-Term(Acetyl)	157	2.32E-15	1	3123.524	0.42	Midgut	2L:+:42132156-42132239	exon=> In CDS Exon 1 of transcript AGAP007064-PA
JHU_Ag_18445	TLSDMFVNLSDEEKR	AGAP007064-PA	-	103	8.33E-10	1	1783.855	0.97	Midgut	2L:+:42132273-42132317	exon=> In CDS Exon 1 of transcript AGAP007064-PA
JHU_Ag_39896	SLAQQFQDNLR	AGAP007064-PA	-	67	3.67E-06	2	1319.670	-0.34	Midgut	2L:+:42132240-42132272	exon=> In CDS Exon 1 of transcript AGAP007064-PA
JHU_Ag_15573	GDVAEELFNAMGGPEGGAGAAAESAPGAENPFNPEDFK	AGAP007064-PB	N-Term(Acetyl), M11(Oxidation)	77	1.19E-07	3	3778.660	3.82	Midgut	2L:+:42130688-42130801	exon=> In CDS Exon 1 of transcript AGAP007064-PB
JHU_Ag_12646	NHLLELGLR	AGAP007080-PA	-	40	0.00046393	1	1064.620	-0.7	Midgut	2L:-:42230102-42230076	exon=> In CDS Exon 6 of transcript AGAP007080-PA
JHU_Ag_15975	LVGVWSSGLTSAPCLSK	AGAP007080-PA	C14(Carbamidomethyl)	96	2.94E-09	1	1761.929	4.64	Midgut	2L:-:42230561-42230511	exon=> In CDS Exon 6 of transcript AGAP007080-PA
JHU_Ag_47866	NHLLELGLR	AGAP007080-PA	-	37	0.000960401	2	1064.622	0.68	Head	2L:-:42230102-42230076	exon=> In CDS Exon 6 of transcript AGAP007080-PA
JHU_Ag_88818	HGLTTLQQLIWFDDEER	AGAP007080-PA	-	91	1.23E-08	2	2101.024	-5.12	Midgut	2L:-:42231341-42231291	exon=> In CDS Exon 5 of transcript AGAP007080-PA
JHU_Ag_540	EAPILDASVVLADAEER	AGAP007082-PA	-	100	1.26E-09	1	1797.926	1.85	Ovary	2L:+:42270237-42270287	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_643	VDFTSADEAIAHCEK	AGAP007082-PA	C13(Carbamidomethyl)	125	2.90E-12	1	1692.754	0.29	Visceras	2L:+:42270679-42270723	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_24346	DHLPTITVPTK	AGAP007082-PA	-	52	4.36E-05	2	1221.680	-3.14	Midgut	2L:+:42270294-42270326	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_26685	NYGINFSWNK	AGAP007082-PA	-	50	0.000108999	1	1242.591	1	Ovary	2L:+:42270781-42270810	exon=> In CDS Exon 4 of transcript AGAP007082-PA

JHU_Ag_28969	DHLPTITVPTKVDISPITGVPEEHVK	AGAP007082-PA	-	93	1.61E-09	1	2822.535	1.68	Visceras	2L:+:42270294-42270326,42270404-42270448	exon=> In CDS Exon 2 and 3 of transcript AGAP007082-PA
JHU_Ag_33108	VDISPITGVPEEHVKER	AGAP007082-PA	-	48	0.000134477	1	1905.013	2.95	Malpighian tubule	2L:+:42270404-42270454	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_34060	DHLPTITVPTK	AGAP007082-PA	-	52	3.98E-05	1	1221.686	2.16	Head	2L:+:42270294-42270326	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_35797	WFVDKQEVQK	AGAP007082-PA	-	48	0.000277511	1	1306.679	-0.05	Head	2L:+:42270736-42270765	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_36693	VDISPITGVPEEHVK	AGAP007082-PA	-	98	1.68E-09	1	1619.867	2	Visceras	2L:+:42270404-42270448	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_41098	WFVDKQEVQK	AGAP007082-PA	-	45	0.000475435	2	1306.680	0.88	Malpighian tubule	2L:+:42270736-42270765	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_41731	VDFTSADEAIAHCEK	AGAP007082-PA	C13(Carbamidomethyl)	119	1.27E-11	1	1692.752	-0.64	Midgut	2L:+:42270679-42270723	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_43411	EAPILDASVVLADAEER	AGAP007082-PA	-	106	3.22E-10	1	1797.922	-0.66	Midgut	2L:+:42270237-42270287	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_44485	NAMQSGTDNIHHWSIEFDNR	AGAP007082-PA	M3(Oxidation)	62	3.91E-06	1	2388.041	-0.57	Ovary	2L:+:42270482-42270541	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_44802	NAMQSGTDNIHHWSIEFDNR	AGAP007082-PA	M3(Oxidation)	78	1.13E-07	1	2388.042	-0.23	Head	2L:+:42270482-42270541	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_46986	VDFTSADEAIAHCEK	AGAP007082-PA	C13(Carbamidomethyl)	119	1.32E-11	1	1692.754	0.37	Ovary	2L:+:42270679-42270723	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_48286	NAMQSGTDNIHHWSIEFDNR	AGAP007082-PA	M3(Oxidation)	138	1.02E-13	1	2388.040	-1.15	Midgut	2L:+:42270482-42270541	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_49006	VDFTSADEAIAHCEK	AGAP007082-PA	C13(Carbamidomethyl)	125	2.92E-12	1	1692.759	3.03	Malpighian tubule	2L:+:42270679-42270723	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_52671	VDISPITGVPEEHVK	AGAP007082-PA	-	92	6.84E-09	1	1619.862	-1.09	Midgut	2L:+:42270404-42270448	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_53248	VDISPITGVPEEHVK	AGAP007082-PA	-	43	0.000471103	1	1619.863	-0.38	Salivary gland	2L:+:42270404-42270448	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_56291	NYGINFSWNKR	AGAP007082-PA	-	65	4.07E-06	1	1398.692	0.6	Head	2L:+:42270781-42270813	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_61548	NYGINFSWNK	AGAP007082-PA	-	59	1.48E-05	1	1242.591	0.71	Midgut	2L:+:42270781-42270810	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_63627	NAMQSGTDNIHHWSIEFDNR	AGAP007082-PA	M3(Oxidation)	89	1.05E-08	1	2372.053	2.43	Visceras	2L:+:42270482-42270541	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_64136	ARDHLPTITVPTK	AGAP007082-PA	-	56	9.80E-06	1	1448.824	1.61	Head	2L:+:42270288-42270326	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_64244	EAPILDASVVLADAEER	AGAP007082-PA	-	83	6.38E-08	1	1797.926	1.78	Salivary gland	2L:+:42270237-42270287	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_65194	NYGINFSWNK	AGAP007082-PA	-	55	3.74E-05	1	1242.592	1.3	Head	2L:+:42270781-42270810	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_68821	VDFTSADEAIAHCEK	AGAP007082-PA	C13(Carbamidomethyl)	125	2.90E-12	1	1692.755	1.16	Head	2L:+:42270679-42270723	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_69661	EAPILDASVVLADAEER	AGAP007082-PA	-	121	1.07E-11	1	1797.925	1.31	Malpighian tubule	2L:+:42270237-42270287	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_75669	VKNYGINFSWNK	AGAP007082-PA	-	59	1.51E-05	2	1469.753	-0.27	Head	2L:+:42270775-42270810	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_76044	EAPILDASVVLADAEER	AGAP007082-PA	-	103	6.96E-10	2	1797.932	4.77	Visceras	2L:+:42270237-42270287	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_77925	VDISPITGVPEEHVK	AGAP007082-PA	-	97	1.88E-09	1	1619.863	-0.33	Head	2L:+:42270404-42270448	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_78491	VDISPITGVPEEHVK	AGAP007082-PA	-	85	3.34E-08	1	1619.865	0.57	Malpighian tubule	2L:+:42270404-42270448	exon=> In CDS Exon 3 of transcript AGAP007082-PA

JHU_Ag_79116	NYGINFSWNK	AGAP007082-PA	-	50	0.000113075	2	1242.593	2.58	Malpighian tubule	2L:+:42270781-42270810	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_80438	WENPLMGWSSTGDPLSNMR	AGAP007082-PA	M6(Oxidation), M18(Oxidation),M18(Oxidation),M6(Oxidation)	120	1.04E-11	1	2177.965	-4.48	Midgut	2L:+:42270548-42270579,42270654-42270678	exon=> In CDS Exon 3 and 4 of transcript AGAP007082-PA
JHU_Ag_80671	WFVDKQEVQK	AGAP007082-PA	-	62	1.09E-05	1	1306.680	0.41	Visceras	2L:+:42270736-42270765	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_83780	NYGINFSWNK	AGAP007082-PA	-	57	2.45E-05	1	1242.593	2.18	Visceras	2L:+:42270781-42270810	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_85455	NAMQSGTDNIHHWSIEFDNR	AGAP007082-PA	-	85	3.16E-08	1	2372.054	2.59	Malpighian tubule	2L:+:42270482-42270541	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_85599	ARDHLPTITVPTK	AGAP007082-PA	-	49	6.92E-05	1	1448.817	-3.77	Midgut	2L:+:42270288-42270326	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_85846	DHLPTITVPTKVDISPITGVPEEHVK	AGAP007082-PA	-	81	2.25E-08	1	2822.538	2.84	Head	2L:+:42270294-42270326,42270404-42270448	exon=> In CDS Exon 2 and 3 of transcript AGAP007082-PA
JHU_Ag_100800	NYGINFSWNK	AGAP007082-PA	-	52	6.86E-05	1	1242.592	1.4	Salivary gland	2L:+:42270781-42270810	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_104636	WENPLMGWSSTGDPLSNMR	AGAP007082-PA	M6(Oxidation), M18(Oxidation)	86	2.37E-08	1	2209.969	1.96	Visceras	2L:+:42270548-42270579,42270654-42270678	exon=> In CDS Exon 3 and 4 of transcript AGAP007082-PA
JHU_Ag_104912	VDFTSADEAIAHCEK	AGAP007082-PA	C13(Carbamidomethyl)	41	0.000831773	1	1692.753	-0.22	Salivary gland	2L:+:42270679-42270723	exon=> In CDS Exon 4 of transcript AGAP007082-PA
JHU_Ag_104983	DHLPTITVPTKVDISPITGVPEEHVK	AGAP007082-PA	-	51	3.10E-05	1	2822.524	-2.26	Midgut	2L:+:42270294-42270326,42270404-42270448	exon=> In CDS Exon 2 and 3 of transcript AGAP007082-PA
JHU_Ag_108524	EAPILDASVVLADAEER	AGAP007082-PA	-	106	3.23E-10	2	1797.928	2.6	Head	2L:+:42270237-42270287	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_110040	NAMQSGTDNIHHWSIEFDNRER	AGAP007082-PA	M3(Oxidation)	31	0.007205242	1	2673.186	-0.11	Midgut	2L:+:42270482-42270547	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_111520	VDISPITGVPEEHVK	AGAP007082-PA	-	99	1.43E-09	1	1619.866	1.32	Ovary	2L:+:42270404-42270448	exon=> In CDS Exon 3 of transcript AGAP007082-PA
JHU_Ag_115272	DHLPTITVPTK	AGAP007082-PA	-	41	0.000536925	1	1221.685	0.86	Ovary	2L:+:42270294-42270326	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_116839	ARDHLPTITVPTK	AGAP007082-PA	-	40	0.000362146	1	1448.826	2.8	Visceras	2L:+:42270288-42270326	exon=> In CDS Exon 2 of transcript AGAP007082-PA
JHU_Ag_41185	LEQQLK	AGAP007083-PA	-	37	0.002234272	2	758.440	-1.03	Head	2L:-:42273041-42273024	exon=> In CDS Exon 5 of transcript AGAP007083-PA
JHU_Ag_1367	VIRDFMIQGGDFTK	AGAP007088-PA	M6(Oxidation)	63	8.31E-06	1	1642.825	-0.41	Male reproductive organs	2L:-:42414191-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_2107	DFMIQGGDFTKGDGTGGR	AGAP007088-PA	M3(Oxidation)	38	0.001514441	1	1874.833	-0.37	Male reproductive organs	2L:-:42414182-42414129	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_2243	VIRDFMIQGGDFTK	AGAP007088-PA	M6(Oxidation)	54	5.77E-05	2	1642.835	5.73	Larva	2L:-:42414191-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_2348	DTNGSQFFITVK	AGAP007088-PA	N3(Deamidated)	97	2.61E-09	2	1357.665	1.19	Pupa	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_3136	DFMIQGGDFTK	AGAP007088-PA	M3(Oxidation)	58	1.40E-05	1	1258.579	1.16	Salivary gland	2L:-:42414182-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_4177	IVIGLFGGTVPK	AGAP007088-PA	-	91	1.87E-09	1	1200.736	0.32	Ovary	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_6591	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	188	2.48E-18	1	3145.486	1.74	Pupa	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_8751	DTNGSQFFITVK	AGAP007088-PA	N3(Deamidated)	78	1.91E-07	1	1357.664	0.56	Salivary gland	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA

JHU_Ag_9030	VLEGMNVVR	AGAP007088-PA	M5(Oxidation)	69	1.69E-06	2	1016.554	-2.18	Midgut	2L:-:42413963-42413937	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_9464	HYGAGWLSMANAGK	AGAP007088-PA	M9(Oxidation)	106	3.20E-10	1	1478.689	3	Larva	2L:-:42414083-42414042	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_9792	DTNGSQFFITVK	AGAP007088-PA	N3(Deamidated)	97	2.15E-09	2	1356.679	-0.52	Midgut	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_11013	KIESTATDGR	AGAP007088-PA	-	65	5.58E-06	2	1077.553	-0.36	Midgut	2L:-:42413936-42413907	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_14490	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	52	0.000102373	3	2658.294	1.65	Male reproductive organs	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_17728	VTDKVYFDITIGGKPEGR	AGAP007088-PA	-	129	1.21E-12	1	1995.056	0.53	Midgut	2L:-:42415276-42415342,42414696-42414782	exon=> In CDS Exon 2 and 1 of transcript AGAP007088-PA
JHU_Ag_18722	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	199	1.75E-19	1	3145.489	2.44	Salivary gland	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_20639	IVIGLFGGTVPK	AGAP007088-PA	-	78	3.49E-08	2	1200.738	2.15	Pupa	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_20875	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	195	4.29E-19	1	3145.489	2.67	Visceras	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_23262	VYFDITIGGKPEGR	AGAP007088-PA	-	85	3.31E-08	1	1551.822	3.66	Larva	2L:-:42414823-42414782	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_23895	DTNGSQFFITVK	AGAP007088-PA	-	44	0.000470849	2	1356.678	-1.24	Ovary	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_23939	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	89	2.07E-08	1	2658.302	4.82	Larva	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_24265	HYGAGWLSMANAGK	AGAP007088-PA	M9(Oxidation)	109	1.51E-10	1	1478.687	1.35	Pupa	2L:-:42414083-42414042	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_27086	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	55	5.04E-05	3	2658.288	-0.42	Midgut	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_29810	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	150	1.53E-14	1	2658.294	1.86	Ovary	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_30683	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	78	2.48E-07	1	2658.298	3.03	Visceras	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_31309	FADENFK	AGAP007088-PA	-	39	0.000704154	1	870.403	4.32	Larva	2L:-:42414110-42414090	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_32292	DTNGSQFFITVK	AGAP007088-PA	N3(Deamidated)	100	1.14E-09	2	1357.669	3.7	Larva	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_34276	IVIGLFGGTVPK	AGAP007088-PA	-	71	1.45E-07	2	1200.739	3.16	Salivary gland	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_36629	VYFDITIGGKPEGR	AGAP007088-PA	-	93	6.70E-09	1	1551.815	-1.06	Midgut	2L:-:42414823-42414782	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_36844	DTNGSQFFITVK	AGAP007088-PA	-	74	4.95E-07	1	1356.682	1.55	Visceras	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_38096	VLEGMNVVR	AGAP007088-PA	-	65	4.15E-06	2	1016.554	-1.76	Head	2L:-:42413963-42413937	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_39422	IVIGLFGGTVPK	AGAP007088-PA	-	88	3.57E-09	1	1200.736	0.52	Male reproductive organs	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_40350	KIESTATDGR	AGAP007088-PA	-	65	4.90E-06	1	1077.554	-0.02	Male reproductive organs	2L:-:42413936-42413907	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_43117	DFMIQGGDFTKGDGTGGR	AGAP007088-PA	M3(Oxidation)	64	4.17E-06	1	1874.833	-0.57	Midgut	2L:-:42414182-42414129	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_43434	FADENFK	AGAP007088-PA	-	38	0.001038317	2	870.401	2.06	Pupa	2L:-:42414110-42414090	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_44148	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	129	1.95E-12	1	2658.296	2.61	Salivary gland	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA

JHU_Ag_48755	TTKGEGYK	AGAP007088-PA	-	42	0.000599968	2	883.452	-0.06	Male reproductive organs	2L:-:42414712-42414823,42413814-42414210	exon=> In CDS Exon 3 and 2 of transcript AGAP007088-PA
JHU_Ag_48758	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	105	4.77E-10	1	2658.297	2.68	Pupa	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_52769	IVIGLFGGTVPK	AGAP007088-PA	-	82	1.30E-08	1	1200.731	-3.14	Head	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_53904	VTDKVYFDITIGGKPEGR	AGAP007088-PA	-	88	1.37E-08	1	1995.061	3.08	Pupa	2L:-:42415276-42415342,42414696-42414782	exon=> In CDS Exon 2 and 1 of transcript AGAP007088-PA
JHU_Ag_55287	DFMIQGGDFTK	AGAP007088-PA	M3(Oxidation)	71	6.04E-07	1	1274.571	-0.84	Pupa	2L:-:42414182-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_57340	IESTATDGR	AGAP007088-PA	-	42	0.000984045	2	949.459	0.75	Head	2L:-:42413933-42413907	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_58393	VIRDFMIQGGDFTK	AGAP007088-PA	M6(Oxidation)	108	2.05E-10	1	1626.830	-0.57	Midgut	2L:-:42414191-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_59123	DTNGSQFFITVK	AGAP007088-PA	N3(Deamidated)	92	7.39E-09	2	1357.665	0.92	Male reproductive organs	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_62746	VYFDITIGGKPEGR	AGAP007088-PA	-	73	6.58E-07	1	1551.818	0.67	Pupa	2L:-:42414823-42414782	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_65696	DTNGSQFFITVK	AGAP007088-PA	-	46	0.000274666	2	1356.685	3.98	Malpighian tubule	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_70084	HVVFGK	AGAP007088-PA	-	32	0.00319292	1	686.396	-4.29	Head	2L:-:42413981-42413964	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_71195	NFKELAEK	AGAP007088-PA	-	41	0.000914555	1	978.529	3.41	Midgut	2L:-:42414736-42414713	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_71498	LKHYGAGWLSMANAGK	AGAP007088-PA	M11(Oxidation)	63	9.27E-06	1	1719.869	3.02	Larva	2L:-:42414089-42414042	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_75231	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	100	1.39E-09	1	3145.482	0.23	Male reproductive organs	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_76977	DFMIQGGDFTK	AGAP007088-PA	M3(Oxidation)	84	3.75E-08	1	1274.578	4.27	Larva	2L:-:42414182-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_77648	IVIGLFGGTVPK	AGAP007088-PA	-	76	5.77E-08	2	1200.735	-0.19	Midgut	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_81191	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	129	1.63E-12	1	3145.477	-1.4	Head	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_83151	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	192	8.46E-19	1	3145.482	0.46	Ovary	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_83613	VLEGMNVVR	AGAP007088-PA	M5(Oxidation)	57	3.15E-05	1	1032.548	-2.25	Ovary	2L:-:42413963-42413937	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_85596	DFMIQGGDFTK	AGAP007088-PA	M3(Oxidation)	77	2.06E-07	1	1258.578	0.19	Head	2L:-:42414182-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_86584	FADENFK	AGAP007088-PA	-	41	0.000335041	1	870.399	-0.53	Visceras	2L:-:42414110-42414090	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_89034	FADENFK	AGAP007088-PA	-	33	0.002263298	1	870.398	-1.15	Head	2L:-:42414110-42414090	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_89189	NFKELAEK	AGAP007088-PA	-	45	0.000526903	1	978.525	-0.9	Male reproductive organs	2L:-:42414736-42414713	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_90761	VYFDITIGGKPEGR	AGAP007088-PA	-	61	8.69E-06	1	1551.818	0.81	Ovary	2L:-:42414823-42414782	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_92305	VTDKVYFDITIGGKPEGR	AGAP007088-PA	-	132	5.36E-13	1	1995.061	3.33	Malpighian tubule	2L:-:42415276-42415342,42414696-42414782	exon=> In CDS Exon 2 and 1 of transcript AGAP007088-PA
JHU_Ag_93043	VLEGMNVVR	AGAP007088-PA	M5(Oxidation)	54	5.34E-05	2	1016.557	1.42	Salivary gland	2L:-:42413963-42413937	exon=> In CDS Exon 3 of transcript AGAP007088-PA

JHU_Ag_93745	DTNGSQFFITVK	AGAP007088-PA	Q6(Deamidated),N3(Deamidated)	71	9.33E-07	2	1357.663	-0.25	Head	2L:-:42414041-42414006	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_96652	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	106	3.46E-10	1	3145.481	-0.12	Midgut	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_101585	DFMIQGGDFTK	AGAP007088-PA	M3(Oxidation)	92	5.80E-09	1	1274.572	0.16	Male reproductive organs	2L:-:42414182-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_101997	HYGAGWLSMANAGK	AGAP007088-PA	-	109	1.60E-10	1	1462.691	0.89	Salivary gland	2L:-:42414083-42414042	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_102310	VIRDFMIQGGDFTK	AGAP007088-PA	-	44	0.000534323	2	1626.836	3.18	Malpighian tubule	2L:-:42414191-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_103426	HYGAGWLSMANAGK	AGAP007088-PA	M9(Oxidation)	100	1.20E-09	1	1478.684	-0.71	Midgut	2L:-:42414083-42414042	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_104932	DFMIQGGDFTK	AGAP007088-PA	M3(Oxidation)	83	3.86E-08	1	1274.572	0.06	Midgut	2L:-:42414182-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_104961	VLEGMNVVR	AGAP007088-PA	M5(Oxidation)	64	6.88E-06	2	1032.554	2.72	Larva	2L:-:42413963-42413937	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_106263	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	178	2.33E-17	1	3145.495	4.42	Larva	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_106357	IVIGLFGGTVPK	AGAP007088-PA	-	75	7.27E-08	2	1200.736	0.82	Malpighian tubule	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_106415	VIRDFMIQGGDFTK	AGAP007088-PA	M6(Oxidation)	109	1.69E-10	1	1626.833	1.08	Pupa	2L:-:42414191-42414150	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_106975	IVIGLFGGTVPK	AGAP007088-PA	-	61	1.27E-06	2	1200.740	3.77	Larva	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_108180	IVIGLFGGTVPK	AGAP007088-PA	-	85	6.10E-09	1	1200.737	1.84	Visceras	2L:-:42414781-42414746	exon=> In CDS Exon 2 of transcript AGAP007088-PA
JHU_Ag_108482	QTSWLDGR	AGAP007088-PA	-	44	0.000689919	2	962.472	3.09	Larva	2L:-:42414005-42413982	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_109369	VLEGMNVVR	AGAP007088-PA	-	72	1.01E-06	1	1016.558	2.5	Malpighian tubule	2L:-:42413963-42413937	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_109482	VLEGMNVVR	AGAP007088-PA	-	55	4.55E-05	2	1016.556	-0.08	Pupa	2L:-:42413963-42413937	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_110187	FADENFK	AGAP007088-PA	-	36	0.001081678	1	870.399	-0.18	Ovary	2L:-:42414110-42414090	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_114928	FADENFKLK	AGAP007088-PA	-	47	0.000196095	1	1111.579	0.66	Male reproductive organs	2L:-:42414110-42414084	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_116266	DRPTNDVEIADSGSLPVSEPFAVDKADATE	AGAP007088-PA	-	116	3.91E-11	1	3145.492	3.37	Malpighian tubule	2L:-:42413906-42413817	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_117411	DRPTNDVEIADSGSLPVSEPFAVDK	AGAP007088-PA	-	93	8.31E-09	1	2658.289	-0.35	Head	2L:-:42413906-42413832	exon=> In CDS Exon 3 of transcript AGAP007088-PA
JHU_Ag_79567	FAPPVRQVLPIQR	AGAP007089-PA	Q12(Deamidated)	23	0.007483762	1	1521.904	9.05	Head	2L:+:42435459-42435497	exon=> In CDS Exon 5 of transcript AGAP007089-PA
JHU_Ag_59770	VIFLK	AGAP007092-PA	-	31	0.001020229	1	619.420	3.44	Larva	2L:+:42537213-42537227	exon=> In CDS Exon 6 of transcript AGAP007092-PA
JHU_Ag_41055	SNWIEVLQSYK	AGAP007093-PA	-	49	0.000197079	2	1366.703	2.28	Head	2L:-:42559846-42559814	exon=> In CDS Exon 2 of transcript AGAP007093-PA

JHU_Ag_31251	LQIWDTAGQER	AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP008419-PA,AGAP004204-PA,AGAP004146-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	70	1.75E-06	1	1316.662	2.19	Salivary gland	2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;3R:-:10564473-10564441;2R:-:51856550-51856518;2R:-:50737849-50737888,50737531-50737735;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA
JHU_Ag_63400	LQIWDTAGQER	AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP008419-PA,AGAP004204-PA,AGAP004146-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	72	1.08E-06	1	1316.659	-0.22	Male reproductive organs	2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;3R:-:10564473-10564441;2R:-:51856550-51856518;2R:-:50737849-50737888,50737531-50737735;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA

JHU_Ag_76747	LQIWDTAGQER	AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP008419-PA,AGAP004204-PA,AGAP004146-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	85	5.11E-08	1	1316.658	-1.24	Head	2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;3R:-:10564473-10564441;2R:-:51856550-51856518;2R:-:50737849-50737888,50737531-50737735;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA
JHU_Ag_102998	LQIWDTAGQER	AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP008419-PA,AGAP004204-PA,AGAP004146-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	78	2.62E-07	1	1316.660	0.15	Midgut	2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;3R:-:10564473-10564441;2R:-:51856550-51856518;2R:-:50737849-50737888,50737531-50737735;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA
JHU_Ag_7850	VVHFDDGQSILSLHK	AGAP007097-PA	-	64	4.87E-06	1	1694.888	0.87	Ovary	2L:+:42579149-42579193	exon=> In CDS Exon 2 of transcript AGAP007097-PA
JHU_Ag_65146	VVHFDDGQSILSLHK	AGAP007097-PA	-	48	0.000186508	1	1694.885	-0.56	Salivary gland	2L:+:42579149-42579193	exon=> In CDS Exon 2 of transcript AGAP007097-PA
JHU_Ag_70072	LIGELYHPDDNQL	AGAP007097-PA	-	53	7.35E-05	1	1526.750	1.11	Male reproductive organs	2L:+:42579950-42579988	exon=> In CDS Exon 3 of transcript AGAP007097-PA
JHU_Ag_73457	LIGELYHPDDNQL	AGAP007097-PA	-	45	0.00045647	2	1526.748	-0.49	Ovary	2L:+:42579950-42579988	exon=> In CDS Exon 3 of transcript AGAP007097-PA

JHU_Ag_86655	HFSVPVIVLAPTYK	AGAP007097-PA	-	32	0.002789029	1	1570.898	-0.64	Ovary	2L:+:42579644-42579685	exon=> In CDS Exon 2 of transcript AGAP007097-PA
JHU_Ag_109074	FLAEAIPHDIVVANTIR	AGAP007097-PA	-	103	2.39E-10	1	1879.044	0.38	Ovary	2L:+:42579056-42579106	exon=> In CDS Exon 2 of transcript AGAP007097-PA
JHU_Ag_69673	GTVISAFGSLPK	AGAP007098-PA	-	87	1.69E-08	2	1176.662	-0.07	Ovary	2L:+:42581390-42581425	exon=> In CDS Exon 2 of transcript AGAP007098-PA
JHU_Ag_72573	SSLISSR	AGAP007099-PA	-	43	0.000366597	2	749.419	5.2	Salivary gland	2L:-:42587822-42587802	exon=> In CDS Exon 9 of transcript AGAP007099-PA
JHU_Ag_79665	DSAPYETEGNCELSDR	AGAP007100-PA	C11(Carbamidomethyl)	91	2.21E-09	2	1842.749	2.49	Head	2L:+:42681094-42681141	exon=> In CDS Exon 7 of transcript AGAP007100-PA
JHU_Ag_53434	FVGLASFGNPEK	AGAP007102-PA	-	48	0.000208627	2	1265.657	3.84	Ovary	2L:+:42689079-42689114	exon=> In CDS Exon 3 of transcript AGAP007102-PA
JHU_Ag_1617	IQYGNEPYYPR	AGAP007104-PA	-	67	2.73E-06	2	1399.664	0.09	Midgut	2L:-:42785622-42785590	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_10445	GLACVLAYR	AGAP007104-PA	C4(Carbamidomethyl)	57	1.71E-05	2	1022.545	0.19	Male reproductive organs	2L:-:42786577-42786551	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_14584	IQYGNEPYYPR	AGAP007104-PA	-	36	0.003170804	1	1399.662	-1.66	Ovary	2L:-:42785622-42785590	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_15414	LDVTDYSMDLYK	AGAP007104-PA	M8(Oxidation)	64	4.58E-06	2	1462.678	0.4	Midgut	2L:-:42785517-42785482	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_17251	LSGVNDAIMIEAAIAHLVK	AGAP007104-PA	M9(Oxidation)	94	2.23E-09	1	1965.084	-0.02	Salivary gland	2L:-:42785679-42785623	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_18038	FITTIGQSLDLR	AGAP007104-PA	-	73	3.70E-07	2	1363.758	0.22	Male reproductive organs	2L:-:42785562-42785527	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_19103	ACYGSTDPENIAR	AGAP007104-PA	C2(Carbamidomethyl)	62	4.99E-06	2	1453.637	-0.29	Male reproductive organs	2L:-:42785130-42785338,42784836-42784998	exon=> In CDS Exon 5 and 4 of transcript AGAP007104-PA
JHU_Ag_19792	GLACVLAYR	AGAP007104-PA	C4(Carbamidomethyl)	59	1.19E-05	2	1022.545	-0.53	Ovary	2L:-:42786577-42786551	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_23365	ACYGSTDPENIAR	AGAP007104-PA	C2(Carbamidomethyl)	64	2.95E-06	1	1453.636	-0.88	Salivary gland	2L:-:42785130-42785338,42784836-42784998	exon=> In CDS Exon 5 and 4 of transcript AGAP007104-PA
JHU_Ag_23914	LSGVNDAIMIEAAIAHLVK	AGAP007104-PA	M9(Oxidation)	125	1.83E-12	1	1981.081	1.32	Ovary	2L:-:42785679-42785623	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_24313	FITTIGQSLDLR	AGAP007104-PA	-	73	3.56E-07	1	1363.760	1.38	Ovary	2L:-:42785562-42785527	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_26815	LLELFNEMK	AGAP007104-PA	M8(Oxidation)	37	0.002450018	1	1152.597	0.09	Male reproductive organs	2L:-:42785589-42785563	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_26962	EFMAVFPDVVR	AGAP007104-PA	M3(Oxidation)	50	0.00017463	2	1325.655	-0.45	Midgut	2L:-:42786709-42786677	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_27529	ALQYNVPQGK	AGAP007104-PA	-	42	0.001015128	2	1117.600	-0.04	Ovary	2L:-:42786616-42786587	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_28315	TLSTLNSSVPEAATQTAVPK	AGAP007104-PA	-	69	1.39E-06	2	2015.069	1.45	Malpighian tubule	2L:-:42786781-42786722	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_30159	LLELFNEMK	AGAP007104-PA	-	36	0.003692632	2	1136.605	2.17	Malpighian tubule	2L:-:42785589-42785563	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_31895	ACYGSTDPENIAR	AGAP007104-PA	C2(Carbamidomethyl)	72	4.97E-07	2	1453.638	0.05	Head	2L:-:42785130-42785338,42784836-42784998	exon=> In CDS Exon 5 and 4 of transcript AGAP007104-PA
JHU_Ag_37345	TLSTLNSSVPEAATQTAVPK	AGAP007104-PA	-	62	6.73E-06	2	2015.072	3.39	Head	2L:-:42786781-42786722	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_38475	FITTIGQSLDLR	AGAP007104-PA	-	50	6.68E-05	2	1363.758	0.04	Head	2L:-:42785562-42785527	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_40426	LDVTDYSMDLYK	AGAP007104-PA	M8(Oxidation)	55	3.36E-05	1	1478.676	2.43	Male reproductive organs	2L:-:42785517-42785482	exon=> In CDS Exon 3 of transcript AGAP007104-PA

JHU_Ag_44326	IQYGNEPYYPR	AGAP007104-PA	-	42	0.000725944	2	1399.665	0.52	Salivary gland	2L:-:42785622-42785590	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_45168	SEDLTPENIR	AGAP007104-PA	-	45	0.000418038	2	1173.577	1.85	Male reproductive organs	2L:-:42786538-42786509	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_47655	GLACVLAYR	AGAP007104-PA	C4(Carbamidomethyl)	56	2.33E-05	2	1022.543	-1.9	Head	2L:-:42786577-42786551	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_49947	DLTAYASK	AGAP007104-PA	-	48	0.000108473	1	868.443	2.18	Male reproductive organs	2L:-:42786676-42786653	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_53745	IQYGNEPYYPR	AGAP007104-PA	-	40	0.001195493	2	1399.664	-0.09	Head	2L:-:42785622-42785590	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_55226	GLACVLAYR	AGAP007104-PA	C4(Carbamidomethyl)	43	0.000430253	2	1022.545	-0.11	Salivary gland	2L:-:42786577-42786551	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_56216	SEDLTPENIRR	AGAP007104-PA	-	42	0.000911117	1	1329.674	-1.62	Male reproductive organs	2L:-:42786538-42786506	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_66008	SEDLTPENIR	AGAP007104-PA	-	38	0.002319964	2	1173.578	2.78	Ovary	2L:-:42786538-42786509	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_72572	GLPHELFFK	AGAP007104-PA	-	36	0.004667286	1	1087.596	2.26	Malpighian tubule	2L:-:42784895-42784869	exon=> In CDS Exon 5 of transcript AGAP007104-PA
JHU_Ag_76341	LDVTDYSMDLYK	AGAP007104-PA	M8(Oxidation)	56	3.01E-05	2	1478.673	0.37	Salivary gland	2L:-:42785517-42785482	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_76677	LLELFNEMK	AGAP007104-PA	M8(Oxidation)	47	0.000284584	2	1152.596	-0.86	Ovary	2L:-:42785589-42785563	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_78361	EFMAVFPDVVR	AGAP007104-PA	M3(Oxidation)	55	5.16E-05	2	1325.653	-1.83	Male reproductive organs	2L:-:42786709-42786677	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_79182	ACYGSTDPENIAR	AGAP007104-PA	C2(Carbamidomethyl)	71	6.11E-07	1	1453.638	0.38	Malpighian tubule	2L:-:42785130-42785338,42784836-42784998	exon=> In CDS Exon 5 and 4 of transcript AGAP007104-PA
JHU_Ag_81139	TAYYTFYLPVAMAMHLTGYTDPEMFR	AGAP007104-PA	M12(Oxidation), M14(Oxidation), M24(Oxidation)	67	1.79E-06	1	3137.404	-1.69	Midgut	2L:-:42785463-42785772,42785112-42785314	exon=> In CDS Exon 4 and 3 of transcript AGAP007104-PA
JHU_Ag_85398	ACYGSTDPENIAR	AGAP007104-PA	C2(Carbamidomethyl)	71	5.35E-07	2	1453.632	-3.98	Midgut	2L:-:42785130-42785338,42784836-42784998	exon=> In CDS Exon 5 and 4 of transcript AGAP007104-PA
JHU_Ag_86136	LYEQLGLPTTYSIYEEESYNMIK	AGAP007104-PA	M21(Oxidation)	73	9.23E-07	2	2800.323	-1.65	Midgut	2L:-:42784988-42784920	exon=> In CDS Exon 5 of transcript AGAP007104-PA
JHU_Ag_86589	IQYGNEPYYPR	AGAP007104-PA	-	41	0.000989896	1	1399.665	0.61	Malpighian tubule	2L:-:42785622-42785590	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_88485	LSGVNDAIMIEAAIAHLVK	AGAP007104-PA	M9(Oxidation)	60	5.62E-06	1	1981.087	4	Larva	2L:-:42785679-42785623	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_91636	DLTAYASK	AGAP007104-PA	-	49	0.000112743	1	868.443	2.74	Salivary gland	2L:-:42786676-42786653	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_96534	LSGVNDAIMIEAAIAHLVK	AGAP007104-PA	M9(Oxidation)	112	3.23E-11	1	1965.078	-3	Midgut	2L:-:42785679-42785623	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_96802	THIQQISR	AGAP007104-PA	-	42	0.000438443	1	982.543	0.08	Malpighian tubule	2L:-:42784919-42784896	exon=> In CDS Exon 5 of transcript AGAP007104-PA
JHU_Ag_101587	IQYGNEPYYPR	AGAP007104-PA	-	63	6.98E-06	1	1399.665	0.52	Male reproductive organs	2L:-:42785622-42785590	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_101965	FITTIGQSLDLR	AGAP007104-PA	-	35	0.002026239	2	1363.763	3.62	Pupa	2L:-:42785562-42785527	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_104212	GLACVLAYR	AGAP007104-PA	C4(Carbamidomethyl)	65	2.43E-06	2	1022.547	1.38	Malpighian tubule	2L:-:42786577-42786551	exon=> In CDS Exon 2 of transcript AGAP007104-PA
JHU_Ag_115561	FITTIGQSLDLR	AGAP007104-PA	-	57	1.25E-05	2	1363.763	3.98	Salivary gland	2L:-:42785562-42785527	exon=> In CDS Exon 3 of transcript AGAP007104-PA
JHU_Ag_115876	LDVTDYSMDLYK	AGAP007104-PA	M8(Oxidation)	76	2.50E-07	1	1478.670	-1.61	Ovary	2L:-:42785517-42785482	exon=> In CDS Exon 3 of transcript AGAP007104-PA

JHU_Ag_37471	DIHAK	AGAP007105-PA	-	26	0.007419899	1	583.321	2.03	Head	2L:+:42796895-42796909	exon=> In CDS Exon 4 of transcript AGAP007105-PA
JHU_Ag_49850	QQEKLADVGIK	AGAP007106-PA	Q1(Deamidated), Q2(Deamidated)	33	0.007374396	1	1230.672	11.98	Malpighian tubule	2L:-:42806031-42805999	exon=> In CDS Exon 2 of transcript AGAP007106-PA
JHU_Ag_4006	EGDQIPGKVPADIVFIIR	AGAP007107-PA	-	48	4.74E-05	1	1967.105	4.47	Male reproductive organs	2L:+:42820975-42821028	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_5057	EGDQIPGKVPADIVFIIR	AGAP007107-PA	-	48	7.86E-05	1	1967.092	-1.95	Midgut	2L:+:42820975-42821028	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_7698	DIYDQYGEEGLK	AGAP007107-PA	-	54	4.42E-05	2	1429.653	3.27	Midgut	2L:+:42820471-42820506	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_10053	VPADIVFIIR	AGAP007107-PA	-	65	1.56E-06	1	1142.694	0.97	Male reproductive organs	2L:+:42820999-42821028	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_25568	VPTLSGETLTISTAGEVVKPHTVK	AGAP007107-PA	-	59	3.05E-06	1	2464.374	3.16	Ovary	2L:+:42821125-42821196	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_30555	DIYDQYGEEGLKGGAGGMPGAGGQSGQFQYNFHGDPR	AGAP007107-PA	M18(Oxidation)	81	4.02E-08	1	3876.693	-0.38	Male reproductive organs	2L:+:42820471-42820581	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_47902	GGSVGGFPGGAFR	AGAP007107-PA	-	50	0.000160797	1	1165.575	-0.18	Male reproductive organs	2L:+:42820702-42820740	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_53090	GLPFPKEPSR	AGAP007107-PA	-	47	0.000178165	1	1127.621	0.27	Malpighian tubule	2L:+:42821212-42821241	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_77110	EGDQIPGKVPADIVFIIR	AGAP007107-PA	-	47	6.84E-05	1	1967.105	4.38	Salivary gland	2L:+:42820975-42821028	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_78131	GGAGGMPGAGGQSGQFQYNFHGDPR	AGAP007107-PA	M6(Oxidation)	45	0.000213353	1	2466.072	3.1	Head	2L:+:42820507-42820581	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_79169	VPADIVFIIR	AGAP007107-PA	-	59	5.83E-06	1	1142.692	-1.48	Ovary	2L:+:42820999-42821028	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_101279	GGSVGGFPGGAFR	AGAP007107-PA	-	44	0.000687938	2	1165.573	-1.64	Head	2L:+:42820702-42820740	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_101320	DIYDQYGEEGLK	AGAP007107-PA	-	99	1.41E-09	1	1429.649	0.53	Head	2L:+:42820471-42820506	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_113355	ILSINVKPGWK	AGAP007107-PA	-	70	2.66E-07	1	1254.759	1.91	Malpighian tubule	2L:+:42820915-42820947	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_114645	ILSINVKPGWK	AGAP007107-PA	-	56	5.74E-06	1	1254.758	0.64	Male reproductive organs	2L:+:42820915-42820947	exon=> In CDS Exon 1 of transcript AGAP007107-PA
JHU_Ag_21406	FTEEQLISSLEADVAAKR	AGAP007108-PA	-	50	0.000136441	1	2007.047	3.61	Head	2L:+:42828662-42828715	exon=> In CDS Exon 3 of transcript AGAP007108-PA
JHU_Ag_22182	SILPEGPVGQNGLLR	AGAP007108-PA	-	38	0.000710817	2	1549.873	2	Head	2L:+:42828415-42828459	exon=> In CDS Exon 2 of transcript AGAP007108-PA
JHU_Ag_39733	HIEIIK	AGAP007108-PA	-	25	0.004296631	1	752.463	-4.78	Head	2L:+:42825374-42825391	exon=> In CDS Exon 1 of transcript AGAP007108-PA
JHU_Ag_42451	IIEVDGQSLHGFSNHQAVDVLK	AGAP007108-PA	-	83	5.47E-08	1	2406.247	2.51	Head	2L:+:42827668-42827733	exon=> In CDS Exon 2 of transcript AGAP007108-PA
JHU_Ag_50942	NTQHHHQQLHGSLTPSER	AGAP007108-PA	-	53	8.03E-05	1	2107.013	-2	Head	2L:+:42828716-42828769	exon=> In CDS Exon 3 of transcript AGAP007108-PA
JHU_Ag_57245	SVPETIVAGTGPADWSR	AGAP007108-PA	-	39	0.002026 87	2	1742.881	5.54	Malpighian tubule	2L:+:42827002-42827052	exon=> In CDS Exon 2 of transcript AGAP007108-PA
JHU_Ag_71799	VVSILK	AGAP007108-PA	-	20	0.007346797	1	658.450	0.29	Midgut	2L:+:42828587-42828604	exon=> In CDS Exon 3 of transcript AGAP007108-PA
JHU_Ag_106454	LVLDLLQDPVFR	AGAP007108-PA	-	83	2.08E-08	1	1427.832	4.35	Head	2L:+:42825452-42825487	exon=> In CDS Exon 1 of transcript AGAP007108-PA
JHU_Ag_110654	FTEEQLISSLEADVAAK	AGAP007108-PA	-	78	2.02E-07	2	1850.944	2.83	Head	2L:+:42828662-42828712	exon=> In CDS Exon 3 of transcript AGAP007108-PA
JHU_Ag_112755	YGSNILDILPPQALQR	AGAP007108-PA	-	61	4.83E-06	2	1797.995	5.19	Head	2L:+:42827884-42827931	exon=> In CDS Exon 2 of transcript AGAP007108-PA
JHU_Ag_115797	EATIVPDGAVAEDGTLLDATNPVAIAR	AGAP007108-PA	-	76	2.11E-07	2	2679.386	0.77	Head	2L:+:42828097-42828177	exon=> In CDS Exon 2 of transcript AGAP007108-PA

JHU_Ag_20418	ILTSELHPVAPNHFGQK	AGAP007111-PA	-	60	8.52E-06	1	1888.005	-1.43	Head	2L:+:42954356-42954406	exon=> In CDS Exon 4 of transcript AGAP007111-PA
JHU_Ag_54571	ENSIILSNLFCTPIAAR	AGAP007111-PA	C11(Carbamidomethyl)	79	1.57E-07	2	1919.013	4.04	Visceras	2L:+:42954275-42954325	exon=> In CDS Exon 4 of transcript AGAP007111-PA
JHU_Ag_9442	LQLNIK	AGAP007112-PA	N4(Deamidated)	32	0.003145994	2	729.449	-2.76	Head	2L:-:42957178-42957161	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_10744	EVPREPLVFIIR	AGAP007112-PA	-	54	8.81E-06	1	1467.875	4.6	Malpighian tubule	2L:-:42956254-42956219	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_18469	LQLNIK	AGAP007112-PA	N4(Deamidated)	32	0.003074382	2	729.451	0.17	Midgut	2L:-:42957178-42957161	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_32429	DYIQPQWVFDSVNQR	AGAP007112-PA	-	56	3.39E-05	2	1894.908	-0.22	Salivary gland	2L:-:42956092-42956048	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_41526	EVPREPLVFIIR	AGAP007112-PA	-	40	0.000340526	1	1467.874	4.09	Ovary	2L:-:42956254-42956219	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_45642	DITFLLHEPIVWTLR	AGAP007112-PA	-	41	0.000264973	1	1853.039	3.96	Ovary	2L:-:42957052-42957008	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_45687	DYIQPQWVFDSVNQR	AGAP007112-PA	-	56	3.93E-05	2	1894.912	2.03	Visceras	2L:-:42956092-42956048	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_65382	IAALNVELLR	AGAP007112-PA	-	73	1.34E-07	2	1111.685	1.4	Visceras	2L:-:42956440-42956411	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_72821	IAALNVELLR	AGAP007112-PA	-	82	1.80E-08	2	1111.684	0.3	Salivary gland	2L:-:42956440-42956411	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_76463	IAALNVELLR	AGAP007112-PA	-	61	1.54E-06	2	1111.689	4.91	Malpighian tubule	2L:-:42956440-42956411	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_98047	EPLVFIIR	AGAP007112-PA	-	43	0.000291178	2	986.604	0.8	Salivary gland	2L:-:42956242-42956219	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_101453	DYIQPQWVFDSVNQR	AGAP007112-PA	-	75	4.33E-07	2	1894.908	0.1	Ovary	2L:-:42956092-42956048	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_107504	EVPREPLVFIIR	AGAP007112-PA	-	53	1.77E-05	1	1467.870	1.28	Salivary gland	2L:-:42956254-42956219	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_109514	IAALNVELLR	AGAP007112-PA	-	90	2.65E-09	2	1111.688	4.14	Ovary	2L:-:42956440-42956411	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_112826	ERYPTFIDAIK	AGAP007112-PA	-	46	0.000229521	2	1352.722	1.13	Ovary	2L:-:42956893-42956861	exon=> In CDS Exon 2 of transcript AGAP007112-PA
JHU_Ag_433	TGSFFTDSGVAERPK	AGAP007113-PA	-	45	0.000511498	1	1598.779	-1.04	Ovary	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_5417	TGSFFTDSGVAERPK	AGAP007113-PA	-	47	0.000349557	1	1598.780	-0.47	Visceras	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_6155	VKPTIFNILNGK	AGAP007113-PA	N10(Deamidated)	58	3.68E-06	1	1344.789	0.12	Midgut	2L:+:42963861-42963896	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_12794	TGSFFTDSGVAERPK	AGAP007113-PA	-	113	7.75E-11	1	1598.794	8.13	Midgut	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_14555	FAEFVFLER	AGAP007113-PA	-	65	4.02E-06	2	1157.599	0.33	Male reproductive organs	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_16337	VKPTIFNILNGK	AGAP007113-PA	N10(Deamidated)	50	2.36E-05	1	1344.789	0.53	Male reproductive organs	2L:+:42963861-42963896	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_20279	FAEFVFLER	AGAP007113-PA	-	43	0.000634669	2	1157.605	5.07	Ovary	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_22764	GFTASLPFLR	AGAP007113-PA	-	58	1.78E-05	2	1108.611	-3.61	Ovary	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_32345	TGSFFTDSGVAERPK	AGAP007113-PA	-	103	8.08E-10	1	1598.780	-0.65	Malpighian tubule	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_38577	TGSFFTDSGVAERPK	AGAP007113-PA	-	44	0.000594955	1	1598.782	0.68	Salivary gland	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_38999	GFTASLPFLR	AGAP007113-PA	-	60	9.44E-06	2	1108.615	0.24	Male reproductive organs	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA

JHU_Ag_47066	FAEFVFLER	AGAP007113-PA	-	65	3.50E-06	1	1157.599	-0.2	Midgut	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_50476	NGHSPTHEPVEPTAAESSKDK	AGAP007113-PA	-	41	0.001034044	1	2218.032	-2.5	Visceras	2L:+:42964387-42964449	exon=> In CDS Exon 4 of transcript AGAP007113-PA
JHU_Ag_51256	FAEFVFLER	AGAP007113-PA	-	53	5.77E-05	2	1157.602	2.44	Malpighian tubule	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_52295	FAEFVFLER	AGAP007113-PA	-	43	0.000520693	2	1157.601	1.81	Salivary gland	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_56435	KVIQYIPTIGWAWK	AGAP007113-PA	-	44	0.000111522	1	1702.973	2.98	Midgut	2L:+:42963453-42963494	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_58065	CPAVLDIQLAISK	AGAP007113-PA	C1(Carbamidomethyl)	40	0.000766166	2	1427.789	-2.37	Midgut	2L:+:42963747-42963785	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_63436	FAEFVFLER	AGAP007113-PA	-	64	5.11E-06	1	1157.601	1.91	Head	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_75770	GFTASLPFLR	AGAP007113-PA	-	52	4.13E-05	2	1108.617	1.57	Visceras	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_77862	DREIIGR	AGAP007113-PA	-	38	0.002595808	1	858.475	-4.7	Head	2L:+:42963534-42963554	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_81713	EEDAAVWLQDLFR	AGAP007113-PA	-	75	5.17E-07	2	1591.771	-2.83	Midgut	2L:+:42963954-42963992	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_87516	GFTASLPFLR	AGAP007113-PA	-	54	3.01E-05	2	1108.619	3.99	Malpighian tubule	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_88549	NGHSPTHEPVEPTAAESSK	AGAP007113-PA	N1(Deamidated)	81	8.04E-08	1	1975.890	-4.6	Head	2L:+:42964387-42964443	exon=> In CDS Exon 4 of transcript AGAP007113-PA
JHU_Ag_90653	VIQYIPTIGWAWK	AGAP007113-PA	-	72	4.69E-07	1	1574.873	0.2	Midgut	2L:+:42963456-42963494	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_92546	GFTASLPFLR	AGAP007113-PA	-	57	1.99E-05	2	1108.615	-0.31	Midgut	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_93799	GFTASLPFLR	AGAP007113-PA	-	37	0.002296325	2	1108.615	0.02	Pupa	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_94030	VIQYIPTIGWAWK	AGAP007113-PA	-	44	0.000319269	1	1574.876	2.14	Male reproductive organs	2L:+:42963456-42963494	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_96219	EKCPAVLDIQLAISK	AGAP007113-PA	C3(Carbamidomethyl)	96	2.05E-09	1	1684.926	-2.41	Midgut	2L:+:42963741-42963785	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_97391	FAEFVFLER	AGAP007113-PA	-	60	1.23E-05	2	1157.600	1.17	Pupa	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_100179	FPTGTLPEREEDAAVWLQDLFR	AGAP007113-PA	-	122	8.69E-12	1	2590.290	-1.4	Midgut	2L:+:42963927-42963992	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_102904	TGSFFTDSGVAERPK	AGAP007113-PA	-	116	4.59E-11	1	1598.783	1.18	Male reproductive organs	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_105705	TGSFFTDSGVAERPK	AGAP007113-PA	-	98	2.83E-09	1	1598.786	3.25	Larva	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_106272	GFTASLPFLR	AGAP007113-PA	-	50	0.000109909	2	1108.615	0.13	Head	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_109533	FAEFVFLER	AGAP007113-PA	-	53	5.37E-05	2	1157.604	4.34	Visceras	2L:+:42963495-42963521	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_110513	AGFLSMLK	AGAP007113-PA	-	35	0.002559515	2	866.480	-0.39	Midgut	2L:+:42963007-42963030	exon=> In CDS Exon 1 of transcript AGAP007113-PA
JHU_Ag_110602	TGSFFTDSGVAERPK	AGAP007113-PA	-	80	1.65E-07	1	1598.789	5.15	Head	2L:+:42964026-42964070	exon=> In CDS Exon 3 of transcript AGAP007113-PA
JHU_Ag_114676	GFTASLPFLR	AGAP007113-PA	-	52	6.04E-05	2	1108.615	0.35	Salivary gland	2L:+:42963711-42963740	exon=> In CDS Exon 2 of transcript AGAP007113-PA
JHU_Ag_107758	VQITLK	AGAP007115-PA	-	32	0.004235585	1	701.456	0.95	Midgut	2L:+:43020799-43020816	exon=> In CDS Exon 3 of transcript AGAP007115-PA
JHU_Ag_56741	VLKPPGGGHSDIFGSSDVR	AGAP007116-PA	-	106	2.85E-10	1	1924.990	1.24	Head	2L:+:43023027-43023083	exon=> In CDS Exon 1 of transcript AGAP007116-PA

JHU_Ag_64659	STNFNVGVAAEAKPSSR	AGAP007116-PA	N-Term(Acetyl)	95	4.99E-09	1	1776.890	1.19	Ovary	2L:+:43022976-43023026	exon=> In CDS Exon 1 of transcript AGAP007116-PA
JHU_Ag_68803	QGGGGGGAAPSSTGGDNGSSAPAQNGSSNGGGGASADR	AGAP007116-PA	N25(Deamidated),N29(Deamidated)	59	3.79E-06	3	3133.308	1.33	Head	2L:+:43023183-43023296	exon=> In CDS Exon 1 of transcript AGAP007116-PA
JHU_Ag_11853	GIAQVVTSR	AGAP007119-PA	-	44	0.000526757	2	930.536	-0.29	Head	2L:-:43041435-43041775,43041200-43041325	exon=> In CDS Exon 4 and 3 of transcript AGAP007119-PA
JHU_Ag_16949	AGTIPQNTTIDQIHYAK	AGAP007119-PA	-	95	3.40E-09	1	1870.971	2.51	Visceras	2L:-:43042011-43041961	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_20148	KLYESAFHPDSGEK	AGAP007119-PA	-	45	0.000490903	1	1607.772	1.43	Malpighian tubule	2L:-:43041960-43041919	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_21501	GIAQVVTSR	AGAP007119-PA	-	41	0.001197667	2	930.537	0.37	Visceras	2L:-:43041435-43041775,43041200-43041325	exon=> In CDS Exon 4 and 3 of transcript AGAP007119-PA
JHU_Ag_25339	LEQYQSFR	AGAP007119-PA	-	45	0.000336707	2	1070.525	-1.05	Head	2L:-:43041273-43041250	exon=> In CDS Exon 4 of transcript AGAP007119-PA
JHU_Ag_25758	GIAQVVTSR	AGAP007119-PA	-	60	0.0000143	1	930.538	1.22	Malpighian tubule	2L:-:43041435-43041775,43041200-43041325	exon=> In CDS Exon 4 and 3 of transcript AGAP007119-PA
JHU_Ag_27716	AGTIPQNTTIDQIHYAK	AGAP007119-PA	-	87	2.71E-08	1	1870.967	0.49	Midgut	2L:-:43042011-43041961	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_32116	LEQYQSFR	AGAP007119-PA	-	39	0.001393967	2	1070.525	-1.28	Midgut	2L:-:43041273-43041250	exon=> In CDS Exon 4 of transcript AGAP007119-PA
JHU_Ag_36090	VPELVYFNK	AGAP007119-PA	-	53	6.13E-05	1	1108.600	-3.81	Midgut	2L:-:43040995-43040969	exon=> In CDS Exon 5 of transcript AGAP007119-PA
JHU_Ag_44330	GIAQVVTSR	AGAP007119-PA	-	48	0.000208262	2	930.536	-0.48	Pupa	2L:-:43041435-43041775,43041200-43041325	exon=> In CDS Exon 4 and 3 of transcript AGAP007119-PA
JHU_Ag_46908	LYESAFHPDSGEK	AGAP007119-PA	-	68	1.75E-06	1	1479.675	-0.25	Head	2L:-:43041957-43041919	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_49784	VPELVYFNK	AGAP007119-PA	-	54	4.51E-05	2	1108.606	1.58	Malpighian tubule	2L:-:43040995-43040969	exon=> In CDS Exon 5 of transcript AGAP007119-PA
JHU_Ag_57706	TCFATDEELDR	AGAP007119-PA	C2(Carbamidomethyl)	58	6.11E-06	2	1356.569	-3.71	Midgut	2L:-:43042148-43042116	exon=> In CDS Exon 1 of transcript AGAP007119-PA
JHU_Ag_63474	IAMCAPGMLILPVIMER	AGAP007119-PA	C4(Carbamidomethyl),M15(Oxidation)	53	5.74E-05	1	1931.004	2.62	Malpighian tubule	2L:-:43041324-43041274	exon=> In CDS Exon 4 of transcript AGAP007119-PA
JHU_Ag_63803	GIAQVVTSR	AGAP007119-PA	-	61	9.48E-06	2	930.535	-2.06	Male reproductive organs	2L:-:43041435-43041775,43041200-43041325	exon=> In CDS Exon 4 and 3 of transcript AGAP007119-PA
JHU_Ag_66205	VPELVYFNK	AGAP007119-PA	-	41	0.000830998	2	1108.607	2.9	Visceras	2L:-:43040995-43040969	exon=> In CDS Exon 5 of transcript AGAP007119-PA
JHU_Ag_70728	KLYESAFHPDSGEK	AGAP007119-PA	-	39	0.002149795	1	1607.770	-0.05	Visceras	2L:-:43041960-43041919	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_71488	LEQYQSFR	AGAP007119-PA	-	39	0.001105177	2	1070.528	1.57	Malpighian tubule	2L:-:43041273-43041250	exon=> In CDS Exon 4 of transcript AGAP007119-PA
JHU_Ag_75620	TCFATDEELDR	AGAP007119-PA	C2(Carbamidomethyl)	38	0.000665365	2	1356.576	1.6	Malpighian tubule	2L:-:43042148-43042116	exon=> In CDS Exon 1 of transcript AGAP007119-PA
JHU_Ag_75652	SNIDIVQPLWDLSTFTGR	AGAP007119-PA	N-Term(Acetyl)	50	0.000137597	2	2104.071	-0.09	Midgut	2L:-:43042235-43042182	exon=> In CDS Exon 1 of transcript AGAP007119-PA
JHU_Ag_75754	TCFATDEELDR	AGAP007119-PA	C2(Carbamidomethyl)	60	4.06E-06	2	1356.573	-0.29	Head	2L:-:43042148-43042116	exon=> In CDS Exon 1 of transcript AGAP007119-PA
JHU_Ag_84718	TCFATDEELDR	AGAP007119-PA	C2(Carbamidomethyl)	75	1.39E-07	1	1356.577	2.5	Visceras	2L:-:43042148-43042116	exon=> In CDS Exon 1 of transcript AGAP007119-PA
JHU_Ag_93353	LEQYQSFRR	AGAP007119-PA	-	35	0.003996855	1	1226.626	-1.15	Head	2L:-:43041273-43041247	exon=> In CDS Exon 4 of transcript AGAP007119-PA

JHU_Ag_93438	AGTIPQNTTIDQIHYAK	AGAP007119-PA	-	96	3.16E-09	1	1870.972	3.55	Malpighian tubule	2L:-:43042011-43041961	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_95822	QNELIHGIGIEDENGNVVGSSR	AGAP007119-PA	-	107	3.16E-10	1	2337.145	0.67	Head	2L:-:43041516-43041451	exon=> In CDS Exon 3 of transcript AGAP007119-PA
JHU_Ag_95944	LVEPEFYEEMCK	AGAP007119-PA	C11(Carbamidomethyl)	58	1.16E-05	2	1573.697	3.62	Malpighian tubule	2L:-:43041043-43041008	exon=> In CDS Exon 5 of transcript AGAP007119-PA
JHU_Ag_97779	QNELIHGIGIEDENGNVVGSSR	AGAP007119-PA	-	121	1.23E-11	1	2337.144	0.6	Visceras	2L:-:43041516-43041451	exon=> In CDS Exon 3 of transcript AGAP007119-PA
JHU_Ag_97937	LYESAFHPDSGEK	AGAP007119-PA	-	79	1.54E-07	1	1479.679	2.8	Malpighian tubule	2L:-:43041957-43041919	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_99408	VPELVYFNK	AGAP007119-PA	-	59	1.33E-05	2	1108.604	0.04	Head	2L:-:43040995-43040969	exon=> In CDS Exon 5 of transcript AGAP007119-PA
JHU_Ag_99935	KLYESAFHPDSGEK	AGAP007119-PA	-	77	3.63E-07	1	1607.772	0.98	Head	2L:-:43041960-43041919	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_104113	YVPFVAVAAANCINIPLMR	AGAP007119-PA	C12(Carbamidomethyl), M18(Oxidation)	42	0.000639923	2	2135.132	8.21	Malpighian tubule	2L:-:43041573-43041517	exon=> In CDS Exon 3 of transcript AGAP007119-PA
JHU_Ag_104587	LYESAFHPDSGEK	AGAP007119-PA	-	81	8.99E-08	1	1479.675	0	Midgut	2L:-:43041957-43041919	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_105051	QNELIHGIGIEDENGNVVGSSR	AGAP007119-PA	N16(Deamidated),N14(Deamidated)	111	1.20E-10	1	2338.123	-1.6	Midgut	2L:-:43041516-43041451	exon=> In CDS Exon 3 of transcript AGAP007119-PA
JHU_Ag_105948	VPELVYFNK	AGAP007119-PA	-	61	8.23E-06	1	1108.606	2.13	Male reproductive organs	2L:-:43040995-43040969	exon=> In CDS Exon 5 of transcript AGAP007119-PA
JHU_Ag_106773	HYFWITDPR	AGAP007119-PA	-	44	0.000608086	1	1234.603	2.46	Head	2L:-:43042175-43042149	exon=> In CDS Exon 1 of transcript AGAP007119-PA
JHU_Ag_108979	QNELIHGIGIEDENGNVVGSSR	AGAP007119-PA	-	121	1.47E-11	1	2337.146	1.07	Malpighian tubule	2L:-:43041516-43041451	exon=> In CDS Exon 3 of transcript AGAP007119-PA
JHU_Ag_110839	RATPLFQR	AGAP007119-PA	-	37	0.001727503	2	988.570	1.47	Malpighian tubule	2L:-:43041597-43041574	exon=> In CDS Exon 3 of transcript AGAP007119-PA
JHU_Ag_112260	LYESAFHPDSGEKQNVFGR	AGAP007119-PA	-	92	1.02E-08	1	2181.041	2.1	Malpighian tubule	2L:-:43041957-43041901	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_113852	AGTIPQNTTIDQIHYAK	AGAP007119-PA	-	89	1.62E-08	1	1870.967	0.55	Head	2L:-:43042011-43041961	exon=> In CDS Exon 2 of transcript AGAP007119-PA
JHU_Ag_2022	EIALWFK	AGAP007120-PA	-	47	0.000200629	1	906.510	1.29	Head	2L:+:43044312-43044332	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_2311	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	129	2.26E-12	1	1629.789	-0.74	Head	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_2854	FMWPSKELLEK	AGAP007120-PA	M2(Oxidation)	44	0.000592738	1	1407.733	-0.85	Midgut	2L:+:43043844-43043852,43044054-43044077	exon=> In CDS Exon 1 and 2 of transcript AGAP007120-PA
JHU_Ag_3229	TFIMIKPDGVQR	AGAP007120-PA	M4(Oxidation)	66	2.27E-06	1	1420.765	2.4	Visceras	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_6521	GDLCVQVGR	AGAP007120-PA	C4(Carbamidomethyl)	70	1.88E-06	2	1003.501	1.54	Visceras	2L:+:43044243-43044269	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_7125	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	57	3.34E-05	2	1017.549	-1.58	Male reproductive organs	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_9010	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	61	1.40E-05	2	1001.556	-0.29	Visceras	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_10226	NIIHGSDAVESANK	AGAP007120-PA	-	80	1.51E-07	1	1454.724	0.15	Pupa	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_13020	GDLCVQVGR	AGAP007120-PA	C4(Carbamidomethyl)	57	4.01E-05	1	1003.498	-1.02	Head	2L:+:43044243-43044269	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_17344	GLVGQIMQR	AGAP007120-PA	-	62	8.93E-06	2	1001.557	0.57	Pupa	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_19136	NIIHGSDAVESANK	AGAP007120-PA	-	43	0.000697046	1	1454.722	-0.99	Salivary gland	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA

JHU_Ag_25852	NIIHGSDAVESANK	AGAP007120-PA	-	88	2.50E-08	1	1454.725	0.74	Ovary	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_28277	NIIHGSDAVESANK	AGAP007120-PA	N13(Deamidated),N1(Deamidated)	102	9.23E-10	1	1454.718	-3.96	Head	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_29025	FMWPSK	AGAP007120-PA	M2(Oxidation)	35	0.002168484	1	811.380	-0.41	Head	2L:+:43043844-43043852,43044054-43044062	exon=> In CDS Exon 1 and 2 of transcript AGAP007120-PA
JHU_Ag_35712	KMLGATNPADSEPGTIR	AGAP007120-PA	M2(Oxidation)	71	1.28E-06	1	1773.886	3.15	Visceras	2L:+:43044192-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_37461	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	63	1.04E-05	1	1017.551	-0.44	Ovary	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_40281	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	53	8.30E-05	1	1001.555	-1.44	Salivary gland	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_41726	GDLCVQVGR	AGAP007120-PA	C4(Carbamidomethyl)	56	4.39E-05	2	1003.501	1.72	Malpighian tubule	2L:+:43044243-43044269	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_42404	DEELVSWTPATEGWVYE	AGAP007120-PA	-	59	1.54E-05	2	2010.899	0.95	Ovary	2L:+:43044333-43044383	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_45728	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	70	2.04E-06	2	1017.551	-0.38	Head	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_53725	TFIMIKPDGVQR	AGAP007120-PA	-	75	4.03E-07	1	1404.768	0.98	Pupa	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_54973	GDLCVQVGR	AGAP007120-PA	C4(Carbamidomethyl)	40	0.001717327	2	1003.499	-0.29	Midgut	2L:+:43044243-43044269	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_59863	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	103	5.87E-10	2	1645.777	-4.98	Midgut	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_61002	HYADLSARPFFPGLVTYMSSGPVVPMVWEGLNAVK	AGAP007120-PA	M18(Oxidation), M26(Oxidation)	116	2.13E-11	1	3867.927	0.72	Head	2L:+:43044078-43044182	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_61175	NIIHGSDAVESANK	AGAP007120-PA	-	63	7.21E-06	1	1454.727	2.58	Larva	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_62238	NIIHGSDAVESANK	AGAP007120-PA	-	95	5.02E-09	1	1454.726	1.49	Midgut	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_66280	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	130	1.54E-12	1	1629.793	1.66	Malpighian tubule	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_66774	MLGATNPADSEPGTIRGDLCVQVGR	AGAP007120-PA	C20(Carbamidomethyl),"M1(Oxidation), C20(Carbamidomethyl)"	100	1.51E-09	1	2614.282	3.97	Malpighian tubule	2L:+:43044195-43044269	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_67854	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	55	4.89E-05	2	1017.553	2.26	Malpighian tubule	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_68343	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	96	3.00E-09	2	1645.786	0.65	Visceras	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_68677	NIIHGSDAVESANK	AGAP007120-PA	-	57	2.68E-05	2	1454.723	-0.44	Male reproductive organs	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_70633	TFIMIKPDGVQR	AGAP007120-PA	M4(Oxidation)	70	1.16E-06	1	1404.766	-0.59	Midgut	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_72726	NIIHGSDAVESANK	AGAP007120-PA	-	94	6.65E-09	1	1454.727	2.58	Malpighian tubule	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_76209	NIIHGSDAVESANKEIALWFK	AGAP007120-PA	-	107	2.04E-10	1	2342.214	-0.06	Head	2L:+:43044270-43044332	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_77239	KMLGATNPADSEPGTIR	AGAP007120-PA	M2(Oxidation)	99	2.10E-09	1	1773.884	1.98	Ovary	2L:+:43044192-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_77901	KMLGATNPADSEPGTIR	AGAP007120-PA	M2(Oxidation)	112	9.40E-11	1	1773.882	1.09	Head	2L:+:43044192-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_78473	TFIMIKPDGVQR	AGAP007120-PA	M4(Oxidation)	85	4.19E-08	1	1404.769	1.41	Head	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA

JHU_Ag_79331	TFIMIKPDGVQR	AGAP007120-PA	M4(Oxidation)	80	1.02E-07	1	1420.766	3.17	Malpighian tubule	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_79347	GLVGQIMQRFEAK	AGAP007120-PA	M7(Oxidation)	49	0.000147815	1	1492.799	3.06	Malpighian tubule	2L:+:43043781-43043819	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_86469	NIIHGSDAVESANK	AGAP007120-PA	-	105	4.48E-10	1	1454.725	0.82	Visceras	2L:+:43044270-43044311	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_88650	TFIMIKPDGVQR	AGAP007120-PA	M4(Oxidation)	84	4.24E-08	1	1420.765	2.09	Ovary	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_90314	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	121	9.37E-12	2	1645.789	2.28	Larva	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_95768	TFIMIKPDGVQR	AGAP007120-PA	M4(Oxidation)	56	2.24E-05	1	1420.765	2.4	Larva	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_98312	KMLGATNPADSEPGTIR	AGAP007120-PA	M2(Oxidation)	103	7.33E-10	1	1757.885	-0.34	Midgut	2L:+:43044192-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_99504	HYADLSARPFFPGLVTYMSSGPVVPMVWEGLNAVK	AGAP007120-PA	M18(Oxidation),"M18(Oxidation), M26(Oxidation)"	96	2.43E-09	1	3867.924	0.09	Midgut	2L:+:43044078-43044182	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_102462	GDLCVQVGR	AGAP007120-PA	C4(Carbamidomethyl)	58	2.77E-05	2	1003.500	0.56	Ovary	2L:+:43044243-43044269	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_104874	GDLCVQVGR	AGAP007120-PA	C4(Carbamidomethyl)	58	2.43E-05	2	1003.501	2.02	Larva	2L:+:43044243-43044269	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_105847	HYADLSARPFFPGLVTYMSSGPVVPMVWEGLNAVK	AGAP007120-PA	M18(Oxidation), M26(Oxidation)	93	3.66E-09	1	3867.943	4.88	Larva	2L:+:43044078-43044182	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_106751	TFIMIKPDGVQR	AGAP007120-PA	M4(Oxidation)	45	0.000367 77	1	1420.761	-0.88	Salivary gland	2L:+:43043745-43043780	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_106928	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	125	4.00E-12	1	1645.787	1.02	Ovary	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_110796	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	39	0.001715972	1	1645.791	3.84	Male reproductive organs	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_110994	KMLGATNPADSEPGTIR	AGAP007120-PA	M2(Oxidation)	65	4.77E-06	1	1773.885	2.67	Malpighian tubule	2L:+:43044192-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_113990	MLGATNPADSEPGTIR	AGAP007120-PA	M1(Oxidation)	105	3.48E-10	1	1645.786	0.58	Pupa	2L:+:43044195-43044242	exon=> In CDS Exon 2 of transcript AGAP007120-PA
JHU_Ag_117362	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	70	1.96E-06	2	1001.552	-3.7	Midgut	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_117363	GLVGQIMQR	AGAP007120-PA	M7(Oxidation)	43	0.000820162	2	1017.553	2.32	Larva	2L:+:43043781-43043807	exon=> In CDS Exon 1 of transcript AGAP007120-PA
JHU_Ag_1854	FKVGELIEAER	AGAP007121-PA	-	65	3.68E-06	2	1290.703	-2.12	Midgut	2L:+:43048162-43048194	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_3344	SEVKTYSLADVK	AGAP007121-PA	N-Term(Acetyl)	72	7.84E-07	1	1381.724	2.04	Malpighian tubule	2L:+:43046086-43046121	exon=> In CDS Exon 1 of transcript AGAP007121-PA
JHU_Ag_16368	VGELIEAERK	AGAP007121-PA	-	66	3.75E-06	1	1143.636	-0.63	Midgut	2L:+:43048168-43048197	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_17918	EATEAFEDVGHSSDAR	AGAP007121-PA	-	95	1.63E-09	1	1720.742	0.52	Pupa	2L:+:43048099-43048146	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_20074	VGELIEAER	AGAP007121-PA	-	63	9.69E-06	2	1015.542	0.19	Malpighian tubule	2L:+:43048168-43048194	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_33809	FKVGELIEAER	AGAP007121-PA	-	89	9.52E-09	1	1290.711	4.03	Malpighian tubule	2L:+:43048162-43048194	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_48674	EATEAFEDVGHSSDAR	AGAP007121-PA	-	125	1.57E-12	1	1720.744	1.72	Visceras	2L:+:43048099-43048146	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_52197	VGELIEAERK	AGAP007121-PA	-	35	0.004454549	2	1143.638	1.18	Head	2L:+:43048168-43048197	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_59236	TYSLADVKSHNTNK	AGAP007121-PA	-	67	3.10E-06	1	1577.794	1.51	Malpighian tubule	2L:+:43046098-43046139	exon=> In CDS Exon 1 of transcript AGAP007121-PA

JHU_Ag_63601	TYSLADVK	AGAP007121-PA	-	45	0.000325043	2	896.474	1.56	Malpighian tubule	2L:+:43046098-43046121	exon=> In CDS Exon 1 of transcript AGAP007121-PA
JHU_Ag_66663	STWIVIHNDIYDVTEFLNEHPGGEEVLLEQAGR	AGAP007121-PA	-	45	0.000360101	1	3780.871	5.36	Malpighian tubule	2L:+:43046140-43046196,43048057-43048098	exon=> In CDS Exon 1 and 2 of transcript AGAP007121-PA
JHU_Ag_67064	EATEAFEDVGHSSDAR	AGAP007121-PA	-	125	1.56E-12	1	1720.741	-0.19	Head	2L:+:43048099-43048146	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_70399	FKVGELIEAER	AGAP007121-PA	-	80	8.91E-08	1	1290.706	0.34	Head	2L:+:43048162-43048194	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_71134	EATEAFEDVGHSSDAR	AGAP007121-PA	-	121	5.30E-12	1	1720.747	3.5	Midgut	2L:+:43048099-43048146	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_85926	EATEAFEDVGHSSDAR	AGAP007121-PA	-	121	5.42E-12	1	1720.747	3.78	Ovary	2L:+:43048099-43048146	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_89301	VGELIEAER	AGAP007121-PA	-	58	2.63E-05	2	1015.538	-3.84	Midgut	2L:+:43048168-43048194	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_95236	EATEAFEDVGHSSDAR	AGAP007121-PA	-	126	1.52E-12	1	1720.745	2.36	Malpighian tubule	2L:+:43048099-43048146	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_105933	VGELIEAER	AGAP007121-PA	-	56	4.58E-05	1	1015.542	0.01	Pupa	2L:+:43048168-43048194	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_113627	VGELIEAERK	AGAP007121-PA	-	60	1.42E-05	1	1143.640	2.78	Malpighian tubule	2L:+:43048168-43048197	exon=> In CDS Exon 2 of transcript AGAP007121-PA
JHU_Ag_114972	STWIVIHNDIYDVTEFLNEHPGGEEVLLEQAGR	AGAP007121-PA	-	89	1.46E-08	1	3780.848	-0.79	Midgut	2L:+:43046140-43046196,43048057-43048098	exon=> In CDS Exon 1 and 2 of transcript AGAP007121-PA
JHU_Ag_117622	TYSLADVK	AGAP007121-PA	-	44	0.000503879	1	896.472	-0.8	Midgut	2L:+:43046098-43046121	exon=> In CDS Exon 1 of transcript AGAP007121-PA
JHU_Ag_10397	YMACCMLFR	AGAP007122-PA	C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)	45	7.89E-05	1	1267.510	0.74	Malpighian tubule	2L:-:43050570-43050544	exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_41079	YMACCMLFRGDVVPK	AGAP007122-PA	C4(Carbamidomethyl), C5(Carbamidomethyl), M6(Oxidation)	35	0.003547359	1	1862.847	2.54	Malpighian tubule	2L:-:43050570-43050526	exon=> In CDS Exon 2 of transcript AGAP007122-PA
JHU_Ag_778	TNTVVNATGVWGR	AGAP007123-PA	-	86	4.42E-08	2	1374.718	3.69	Larva	2L:+:43055100-43055138	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_1425	NYSIVFPHDEPLAGR	AGAP007123-PA	-	62	9.42E-06	2	1714.860	2.83	Salivary gland	2L:+:43055712-43055756	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_6919	LRPNDVEIR	AGAP007123-PA	-	33	0.00355829	2	1111.622	0.09	Pupa	2L:+:43054659-43054685	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_7205	LFLTGSQAK	AGAP007123-PA	-	36	0.00155194	2	964.546	-0.44	Pupa	2L:+:43056412-43056438	exon=> In CDS Exon 4 of transcript AGAP007123-PA
JHU_Ag_9488	SICMGGYENNPIMLNR	AGAP007123-PA	C3(Carbamidomethyl), M4(Oxidation), M13(Oxidation)	64	2.86E-06	2	1900.841	3.22	Larva	2L:+:43055286-43055333	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_10011	HMFAYDVR	AGAP007123-PA	M2(Oxidation)	34	0.002886065	2	1054.473	-4.45	Head	2L:+:43055619-43055642	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_10906	DGEIVGHLR	AGAP007123-PA	-	69	1.60E-06	1	995.527	0.1	Salivary gland	2L:+:43057413-43057439	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_13840	LFLTGSQAK	AGAP007123-PA	-	40	0.000603775	2	964.546	-0.19	Salivary gland	2L:+:43056412-43056438	exon=> In CDS Exon 4 of transcript AGAP007123-PA
JHU_Ag_15292	DLIEPLGVFLPLIPMK	AGAP007123-PA	M15(Oxidation)	60	2.72E-06	2	1811.051	6.7	Larva	2L:+:43055139-43055186	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_16743	AVVSDHTEELGVLSLQGPK	AGAP007123-PA	-	47	0.000216945	1	1979.045	0.02	Ovary	2L:+:43056818-43056874	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_18282	SDDTPIEANLGFVCR	AGAP007123-PA	C14(Carbamidomethyl)	89	2.01E-08	2	1693.791	3.31	Pupa	2L:+:43057181-43057225	exon=> In CDS Exon 6 of transcript AGAP007123-PA

JHU_Ag_19859	INPHYSCHVR	AGAP007123-PA	C7(Carbamidomethyl)	36	0.004176799	1	1282.617	4.69	Larva	2L:+:43056965-43056994	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_20093	TNTVVNATGVWGR	AGAP007123-PA	-	87	3.75E-08	2	1374.713	0.58	Salivary gland	2L:+:43055100-43055138	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_21642	EAAEWIFTANLDKPINK	AGAP007123-PA	-	101	8.43E-10	1	1960.029	5.95	Larva	2L:+:43056439-43056488,43056551-43056551	exon=> In CDS Exon 4 and 5 of transcript AGAP007123-PA
JHU_Ag_23201	GEYGYTLQKPIGQAYVQR	AGAP007123-PA	-	81	9.91E-08	1	2071.063	0.85	Head	2L:+:43057443-43057496	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_29414	EAAEWIFTANLDKPINK	AGAP007123-PA	-	44	0.000560923	1	1960.021	1.93	Pupa	2L:+:43056439-43056488,43056551-43056551	exon=> In CDS Exon 4 and 5 of transcript AGAP007123-PA
JHU_Ag_31540	ADSSPITNQFLQSGHYQIEVMGK	AGAP007123-PA	M21(Oxidation)	59	1.88E-05	1	2566.222	-1.04	Salivary gland	2L:+:43057497-43057565	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_31806	SDDTPIEANLGFVCR	AGAP007123-PA	C14(Carbamidomethyl)	43	0.000783917	2	1693.791	3.74	Larva	2L:+:43057181-43057225	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_34268	TNTVVNATGVWGR	AGAP007123-PA	-	86	4.14E-08	2	1374.713	0.41	Pupa	2L:+:43055100-43055138	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_39603	GEYGYTLQKPIGQAYVQR	AGAP007123-PA	-	80	1.14E-07	1	2071.069	3.86	Malpighian tubule	2L:+:43057443-43057496	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_40827	ITDFDLSNEK	AGAP007123-PA	-	41	0.001377805	2	1181.570	1.15	Visceras	2L:+:43056896-43056925	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_43932	DHDFSLYFR	AGAP007123-PA	-	39	0.001209158	2	1199.549	0.5	Head	2L:+:43055247-43055273	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_46848	GVLTNKGTIR	AGAP007123-PA	-	61	4.52E-06	1	1058.634	2.34	Malpighian tubule	2L:+:43055070-43055099	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_47283	AVVSDHTEELGVLSLQGPK	AGAP007123-PA	-	44	0.000353187	1	1979.049	2.33	Pupa	2L:+:43056818-43056874	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_48191	ITDFDLSNEKLLPMNSTAILTIK	AGAP007123-PA	M14(Oxidation)	49	5.72E-05	3	2593.398	7.14	Malpighian tubule	2L:+:43056896-43056964	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_48346	NYSIVFPHDEPLAGR	AGAP007123-PA	-	84	5.70E-08	1	1714.859	2.62	Pupa	2L:+:43055712-43055756	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_48849	EAAEWIFTANLDKPINK	AGAP007123-PA	-	88	1.89E-08	1	1960.021	1.78	Salivary gland	2L:+:43056439-43056488,43056551-43056551	exon=> In CDS Exon 4 and 5 of transcript AGAP007123-PA
JHU_Ag_49040	LAFFTLR	AGAP007123-PA	-	44	0.00020375	2	867.510	1.59	Pupa	2L:+:43057292-43057312	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_51541	EQVPIWGLEAVYR	AGAP007123-PA	-	54	5.78E-05	2	1559.826	2.81	Pupa	2L:+:43057313-43057318,43057380-43057412	exon=> In CDS Exon 6 and 7 of transcript AGAP007123-PA
JHU_Ag_52518	ADSSPITNQFLQSGHYQIEVMGK	AGAP007123-PA	M21(Oxidation)	105	4.90E-10	1	2566.239	5.59	Malpighian tubule	2L:+:43057497-43057565	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_52695	NANTHYEEALK	AGAP007123-PA	-	63	5.67E-06	1	1289.609	-2.45	Head	2L:+:43055999-43056031	exon=> In CDS Exon 3 of transcript AGAP007123-PA
JHU_Ag_53083	LLPMNSTAILTIK	AGAP007123-PA	M4(Oxidation)	67	5.59E-07	2	1430.836	5.2	Larva	2L:+:43056926-43056964	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_54103	HMFAYDVR	AGAP007123-PA	M2(Oxidation)	36	0.001750476	2	1054.479	1.69	Larva	2L:+:43055619-43055642	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_57103	GEYGYTLQKPIGQAYVQR	AGAP007123-PA	-	83	6.59E-08	1	2071.067	3.15	Pupa	2L:+:43057443-43057496	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_57350	TNTVVNATGVWGR	AGAP007123-PA	-	65	6.16E-06	1	1374.714	0.85	Head	2L:+:43055100-43055138	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_62909	GGVEGDVTVSIVESGLGGLHDPIFK	AGAP007123-PA	-	39	0.001175554	1	2482.297	5.72	Larva	2L:+:43056582-43056656	exon=> In CDS Exon 5 of transcript AGAP007123-PA
JHU_Ag_67323	RGEYGYTLQKPIGQAYVQR	AGAP007123-PA	-	62	7.98E-06	1	2227.163	0.52	Salivary gland	2L:+:43057440-43057496	exon=> In CDS Exon 7 of transcript AGAP007123-PA

JHU_Ag_67816	GEYGYTLQKPIGQAYVQR	AGAP007123-PA	-	93	6.01E-09	1	2071.063	1.29	Salivary gland	2L:+:43057443-43057496	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_68761	DLIEPLGVFLPLIPMK	AGAP007123-PA	M15(Oxidation)	96	8.23E-10	1	1811.042	1.85	Salivary gland	2L:+:43055139-43055186	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_70851	RGEYGYTLQKPIGQAYVQR	AGAP007123-PA	-	62	7.67E-06	1	2227.164	0.94	Pupa	2L:+:43057440-43057496	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_71339	GYHLWGSDLR	AGAP007123-PA	-	43	0.000734263	1	1203.591	0.75	Pupa	2L:+:43057151-43057180	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_71576	DHDFSLYFR	AGAP007123-PA	-	38	0.001410857	1	1199.549	0.5	Pupa	2L:+:43055247-43055273	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_73147	EQVPIWGLEAVYR	AGAP007123-PA	-	45	0.000423107	2	1559.829	4.45	Salivary gland	2L:+:43057313-43057318,43057380-43057412	exon=> In CDS Exon 6 and 7 of transcript AGAP007123-PA
JHU_Ag_74313	AVVSDHTEELGVLSLQGPK	AGAP007123-PA	-	79	1.17E-07	1	1979.053	4.37	Malpighian tubule	2L:+:43056818-43056874	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_75663	LRPNDVEIR	AGAP007123-PA	-	33	0.003214214	1	1111.621	-0.78	Head	2L:+:43054659-43054685	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_76286	LAFFTLR	AGAP007123-PA	-	45	0.00015385	2	867.508	-0.59	Salivary gland	2L:+:43057292-43057312	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_80412	AVVSDHTEELGVLSLQGPK	AGAP007123-PA	-	70	1.23E-06	1	1979.040	-2.1	Head	2L:+:43056818-43056874	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_80971	TIYTCALNKR	AGAP007123-PA	C5(Carbamidomethyl)	35	0.003287796	2	1239.653	1.44	Pupa	2L:+:43056552-43056581	exon=> In CDS Exon 5 of transcript AGAP007123-PA
JHU_Ag_85987	HDAALFNLSYFCK	AGAP007123-PA	C12(Carbamidomethyl)	75	4.33E-07	2	1585.751	2.72	Salivary gland	2L:+:43056373-43056411	exon=> In CDS Exon 4 of transcript AGAP007123-PA
JHU_Ag_87757	ALYSLSSEK	AGAP007123-PA	-	38	0.001778904	2	997.519	-1.3	Pupa	2L:+:43057124-43057150	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_88139	LAFFTLR	AGAP007123-PA	-	46	0.000128959	2	867.511	2.57	Visceras	2L:+:43057292-43057312	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_88395	AVVSDHTEELGVLSLQGPK	AGAP007123-PA	-	64	4.62E-06	1	1979.045	0.3	Salivary gland	2L:+:43056818-43056874	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_89596	HAYVVSETMDTIHQMLPNVR	AGAP007123-PA	M9(Oxidation), M15(Oxidation)	61	1.02E-05	1	2373.140	3.19	Larva	2L:+:43055187-43055246	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_90175	DGEIVGHLR	AGAP007123-PA	-	39	0.001572469	2	995.525	-1.73	Head	2L:+:43057413-43057439	exon=> In CDS Exon 7 of transcript AGAP007123-PA
JHU_Ag_93847	TIYTCALNKR	AGAP007123-PA	C5(Carbamidomethyl)	33	0.005057552	1	1239.659	6.27	Malpighian tubule	2L:+:43056552-43056581	exon=> In CDS Exon 5 of transcript AGAP007123-PA
JHU_Ag_94157	EAAEWIFTANLDKPINK	AGAP007123-PA	-	45	0.00040727	1	1960.027	4.92	Male reproductive organs	2L:+:43056439-43056488,43056551-43056551	exon=> In CDS Exon 4 and 5 of transcript AGAP007123-PA
JHU_Ag_99781	DLIEPLGVFLPLIPMK	AGAP007123-PA	M15(Oxidation)	48	5.38E-05	2	1811.043	2.18	Pupa	2L:+:43055139-43055186	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_100226	EAAEWIFTANLDKPINK	AGAP007123-PA	-	50	0.000100944	1	1960.030	6.32	Malpighian tubule	2L:+:43056439-43056488,43056551-43056551	exon=> In CDS Exon 4 and 5 of transcript AGAP007123-PA
JHU_Ag_103720	RLAFFTLR	AGAP007123-PA	-	30	0.002178625	1	1023.612	2.2	Pupa	2L:+:43057289-43057312	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_106993	LAFFTLR	AGAP007123-PA	-	40	0.000485398	2	867.508	-0.31	Male reproductive organs	2L:+:43057292-43057312	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_110104	DHDFSLYFR	AGAP007123-PA	-	39	0.001060432	1	1199.549	0.4	Salivary gland	2L:+:43055247-43055273	exon=> In CDS Exon 2 of transcript AGAP007123-PA
JHU_Ag_112372	ITDFDLSNEK	AGAP007123-PA	-	46	0.000426064	2	1181.568	-0.09	Salivary gland	2L:+:43056896-43056925	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_114239	SDDTPIEANLGFVCR	AGAP007123-PA	C14(Carbamidomethyl)	93	7.02E-09	2	1693.789	2.51	Salivary gland	2L:+:43057181-43057225	exon=> In CDS Exon 6 of transcript AGAP007123-PA

JHU_Ag_117437	GYYIVAGGASAYHTK	AGAP007123-PA	-	59	2.18E-05	1	1557.771	0.97	Salivary gland	2L:+:43056734-43056778	exon=> In CDS Exon 6 of transcript AGAP007123-PA
JHU_Ag_6639	DDGDDANDDPNLK	AGAP007125-PA	N7(Deamidated)	75	5.47E-08	1	1403.558	1.59	Head	2L:+:43066036-43066074	exon=> In CDS Exon 2 of transcript AGAP007125-PA
JHU_Ag_15662	VSTFGSSQYVASWSEMGK	AGAP007125-PA	M16(Oxidation)	89	1.31E-08	2	1966.891	2.91	Ovary	2L:+:43065256-43065309	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_20266	EGFAIDWCPTTR	AGAP007125-PA	C8(Carbamidomethyl)	49	0.000166214	2	1452.663	3.41	Ovary	2L:+:43065436-43065471	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_20650	TGDGVKPDFTFSGHQK	AGAP007125-PA	-	72	1.19E-06	2	1720.841	7.11	Ovary	2L:+:43065388-43065435	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_23116	GAWIVDQRPLVGHTDSVEDIQWSPNEANVLASCSVDK	AGAP007125-PA	Q7(Deamidated), C33(Carbamidomethyl)	86	2.28E-08	1	4093.934	-5.37	Ovary	2L:+:43065532-43065642	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_33385	GVILSTAHSGFNVFR	AGAP007125-PA	-	67	2.03E-06	1	1604.857	1.6	Malpighian tubule	2L:+:43066153-43066197	exon=> In CDS Exon 2 of transcript AGAP007125-PA
JHU_Ag_35741	GVILSTAHSGFNVFR	AGAP007125-PA	-	102	8.42E-10	1	1604.855	0.53	Ovary	2L:+:43066153-43066197	exon=> In CDS Exon 2 of transcript AGAP007125-PA
JHU_Ag_57950	VHIYNINEQLAAIDDSR	AGAP007125-PA	-	136	3.60E-13	1	1970.992	-0.44	Ovary	2L:+:43065310-43065360	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_58900	DIHIWRPNDK	AGAP007125-PA	-	31	0.011388723	1	1293.670	-0.04	Midgut	2L:+:43065502-43065531	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_82158	THVNSVIVMK	AGAP007125-PA	M9(Oxidation)	79	1.81E-07	1	1143.620	0.82	Ovary	2L:+:43065073-43065102	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_86874	VHIYNINEQLAAIDDSR	AGAP007125-PA	-	47	0.000313917	3	1970.990	-1.62	Midgut	2L:+:43065310-43065360	exon=> In CDS Exon 1 of transcript AGAP007125-PA
JHU_Ag_104673	TPVATFK	AGAP007125-PA	-	42	0.000604621	1	763.436	1.47	Ovary	2L:+:43065904-43065924	exon=> In CDS Exon 2 of transcript AGAP007125-PA
JHU_Ag_109065	NEPLIASGGDDGVLQIWDLR	AGAP007125-PA	-	115	4.02E-11	1	2168.105	2.97	Ovary	2L:+:43065745-43065766,43065851-43065888	exon=> In CDS Exon 1 and 2 of transcript AGAP007125-PA
JHU_Ag_65996	VIRCTNGK	AGAP007126-PA	C4(Carbamidomethyl), N6(Deamidated)	41	0.00130514	1	948.480	-14.23	Salivary gland	2L:-:43067554-43067531	exon=> In CDS Exon 3 of transcript AGAP007126-PA
JHU_Ag_20604	DQASSDTLFDGEQPTLEEIR	AGAP007127-PA	-	113	6.37E-11	2	2251.036	-0.22	Head	2L:-:43078614-43078657,43077332-43077539	exon=> In CDS Exon 3 and 2 of transcript AGAP007127-PA
JHU_Ag_11556	GLGVFPPVPK	AGAP007128-PA	-	32	0.00131533	1	1010.603	-0.31	Ovary	2L:+:43109378-43109407	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_14736	GLGVFPPVPK	AGAP007128-PA	-	32	0.000931304	2	1010.607	3.43	Salivary gland	2L:+:43109378-43109407	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_28765	IWEISTAR	AGAP007128-PA	-	37	0.00285712	2	975.526	-0.3	Ovary	2L:+:43110410-43110410,43110483-43110505	exon=> In CDS Exon 2 and 3 of transcript AGAP007128-PA
JHU_Ag_32446	YPLFASAGDDR	AGAP007128-PA	-	79	1.54E-07	2	1211.569	0.17	Ovary	2L:+:43111291-43111323	exon=> In CDS Exon 4 of transcript AGAP007128-PA
JHU_Ag_33880	DLQPFPTLQNLIYTGHTSLIR	AGAP007128-PA	-	40	0.000617544	1	2427.305	0.85	Ovary	2L:+:43110284-43110346	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_34099	VLLINPK	AGAP007128-PA	-	38	0.000204032	1	796.532	4.09	Ovary	2L:+:43110602-43110622	exon=> In CDS Exon 3 of transcript AGAP007128-PA
JHU_Ag_44968	VVLSDEDIGLIK	AGAP007128-PA	-	34	0.004017908	2	1300.739	2.31	Ovary	2L:+:43109651-43109686	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_47150	ASEGGAKPEPITSK	AGAP007128-PA	-	36	0.003007018	1	1371.712	0.68	Ovary	2L:+:43108675-43108716	exon=> In CDS Exon 1 of transcript AGAP007128-PA
JHU_Ag_53635	KGDAIDDFLQR	AGAP007128-PA	-	62	1.20E-05	2	1277.650	0.84	Ovary	2L:+:43109564-43109596	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_61716	VVLSDEDIGLIKR	AGAP007128-PA	-	78	7.76E-08	1	1456.837	0.02	Ovary	2L:+:43109651-43109689	exon=> In CDS Exon 2 of transcript AGAP007128-PA

JHU_Ag_68745	SAVQWGEVTEEEK	AGAP007128-PA	-	35	0.003163866	1	1491.695	-0.92	Ovary	2L:+:43110710-43110748	exon=> In CDS Exon 3 of transcript AGAP007128-PA
JHU_Ag_76119	KTDDLLTEAPR	AGAP007128-PA	-	64	5.98E-06	1	1258.666	1.68	Ovary	2L:+:43110647-43110679	exon=> In CDS Exon 3 of transcript AGAP007128-PA
JHU_Ag_77587	VVLSDEDIGLIKR	AGAP007128-PA	-	74	2.00E-07	1	1456.843	3.96	Malpighian tubule	2L:+:43109651-43109689	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_80968	GLIQCVLFHPIKPCLFVATQR	AGAP007128-PA	C5(Carbamidomethyl), C14(Carbamidomethyl)	31	0.003358133	1	2497.370	4.96	Ovary	2L:+:43110917-43110970,43111060-43111068	exon=> In CDS Exon 3 and 4 of transcript AGAP007128-PA
JHU_Ag_81227	GDNLLIGTYEKR	AGAP007128-PA	-	34	0.0043386	1	1378.734	1.17	Ovary	2L:+:43111162-43111197	exon=> In CDS Exon 4 of transcript AGAP007128-PA
JHU_Ag_82275	VAVGAEYLIPK	AGAP007128-PA	-	52	4.86E-05	2	1159.672	0.08	Ovary	2L:+:43110236-43110268	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_83249	GDYFATVMPDGAYR	AGAP007128-PA	M8(Oxidation)	55	2.79E-05	1	1578.690	0.38	Ovary	2L:+:43110815-43110856	exon=> In CDS Exon 3 of transcript AGAP007128-PA
JHU_Ag_83491	KGDAIDDFLQR	AGAP007128-PA	-	66	4.28E-06	1	1277.647	-0.88	Head	2L:+:43109564-43109596	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_86959	SAVQWGEVTEEEKK	AGAP007128-PA	-	55	5.53E-05	1	1619.791	-0.25	Ovary	2L:+:43110710-43110751	exon=> In CDS Exon 3 of transcript AGAP007128-PA
JHU_Ag_88576	SVIVSHGMVYNDLLQNPLIVPLRR	AGAP007128-PA	M8(Oxidation)	76	5.32E-08	1	2749.525	2.37	Ovary	2L:+:43111324-43111355,43111437-43111476	exon=> In CDS Exon 4 and 5 of transcript AGAP007128-PA
JHU_Ag_100587	VAVGAEYLIPKLPSPR	AGAP007128-PA	-	71	1.03E-07	1	1710.005	5.62	Malpighian tubule	2L:+:43110236-43110283	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_105544	GDNLLIGTYEK	AGAP007128-PA	-	38	0.002531256	2	1222.631	-0.04	Ovary	2L:+:43111162-43111194	exon=> In CDS Exon 4 of transcript AGAP007128-PA
JHU_Ag_112488	TDDLLTEAPR	AGAP007128-PA	-	58	2.70E-05	2	1130.573	3.49	Malpighian tubule	2L:+:43110650-43110679	exon=> In CDS Exon 3 of transcript AGAP007128-PA
JHU_Ag_114138	VLLINPK	AGAP007128-PA	-	30	0.001229413	2	796.532	3.4	Malpighian tubule	2L:+:43110602-43110622	exon=> In CDS Exon 3 of transcript AGAP007128-PA
JHU_Ag_115924	GEYIVTGSDDMTVK	AGAP007128-PA	M11(Oxidation)	62	7.87E-06	1	1530.701	0.86	Ovary	2L:+:43110368-43110409	exon=> In CDS Exon 2 of transcript AGAP007128-PA
JHU_Ag_1264	SGISGNADNEASR	AGAP007131-PA	-	40	0.000889286	2	1277.572	0.28	Malpighian tubule	2L:+:43141094-43141132	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_8767	SGKPVVVIDDCQFHQCVK	AGAP007131-PA	C11(Carbamidomethyl), C16(Carbamidomethyl)	88	2.45E-08	1	2116.039	3.33	Ovary	2L:+:43141133-43141186	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_10108	SGKPVVVIDDCQFHQCVK	AGAP007131-PA	C11(Carbamidomethyl), C16(Carbamidomethyl)	76	3.68E-07	1	2116.033	0.82	Salivary gland	2L:+:43141133-43141186	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_15327	SGISGNADNEASR	AGAP007131-PA	-	77	1.42E-07	1	1277.570	-1.15	Head	2L:+:43141094-43141132	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_18227	ANIWLAAVTK	AGAP007131-PA	-	44	0.000510665	2	1086.631	0.68	Salivary gland	2L:+:43140473-43140502	exon=> In CDS Exon 2 of transcript AGAP007131-PA
JHU_Ag_22049	SPVTNIAR	AGAP007131-PA	-	37	0.0021912	2	857.483	-1.19	Ovary	2L:+:43140282-43140305	exon=> In CDS Exon 1 of transcript AGAP007131-PA
JHU_Ag_24198	SGKPVVVIDDCQFHQCVK	AGAP007131-PA	C11(Carbamidomethyl), C16(Carbamidomethyl)	125	5.10E-12	1	2116.025	-3.16	Head	2L:+:43141133-43141186	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_41338	IPTPLNTSGVQLICLK	AGAP007131-PA	C14(Carbamidomethyl)	44	0.000154106	1	1753.993	2.89	Ovary	2L:+:43141397-43141444	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_47220	SGLYETR	AGAP007131-PA	-	36	0.002679374	2	825.410	-0.28	Ovary	2L:+:43141877-43141897	exon=> In CDS Exon 5 of transcript AGAP007131-PA
JHU_Ag_51415	VNVIHAR	AGAP007131-PA	-	31	0.002532293	2	808.475	-4.41	Head	2L:+:43140249-43140269	exon=> In CDS Exon 1 of transcript AGAP007131-PA

JHU_Ag_53441	ETQLSAEIELLETDTK	AGAP007131-PA	Q3(Deamidated)	78	2.33E-07	2	1819.918	0.24	Head	2L:+:43141594-43141641	exon=> In CDS Exon 4 of transcript AGAP007131-PA
JHU_Ag_65748	DISLPFR	AGAP007131-PA	-	33	0.006491721	1	847.466	-1.5	Head	2L:+:43141271-43141291	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_66817	RANIWLAAVTK	AGAP007131-PA	-	40	0.000515286	1	1242.726	-4.85	Head	2L:+:43140470-43140502	exon=> In CDS Exon 2 of transcript AGAP007131-PA
JHU_Ag_68888	SNFKPSLLGQK	AGAP007131-PA	-	53	4.44E-05	1	1218.684	-0.42	Head	2L:+:43141352-43141384	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_71168	GEVLISR	AGAP007131-PA	-	42	0.001620458	2	773.452	0.19	Ovary	2L:+:43140183-43140203	exon=> In CDS Exon 1 of transcript AGAP007131-PA
JHU_Ag_74934	IPTPLNTSGVQLICLK	AGAP007131-PA	C14(Carbamidomethyl)	118	4.81E-12	1	1753.991	1.36	Visceras	2L:+:43141397-43141444	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_91188	LNYSDHDVIK	AGAP007131-PA	-	50	0.000170095	2	1203.601	0.35	Salivary gland	2L:+:43141826-43141855	exon=> In CDS Exon 5 of transcript AGAP007131-PA
JHU_Ag_93852	IPTPLNTSGVQLICLK	AGAP007131-PA	C14(Carbamidomethyl)	140	3.42E-14	1	1753.988	-0.1	Head	2L:+:43141397-43141444	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_100264	IIDVMQSYFGK	AGAP007131-PA	M5(Oxidation)	53	9.10E-05	2	1316.658	1.86	Ovary	2L:+:43140545-43140577	exon=> In CDS Exon 2 of transcript AGAP007131-PA
JHU_Ag_103268	IPTPLNTSGVQLICLK	AGAP007131-PA	C14(Carbamidomethyl)	89	3.86E-09	1	1753.994	3.24	Salivary gland	2L:+:43141397-43141444	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_106602	IPTPLNTSGVQLICLK	AGAP007131-PA	C14(Carbamidomethyl)	34	0.001159743	2	1753.999	6.3	Malpighian tubule	2L:+:43141397-43141444	exon=> In CDS Exon 3 of transcript AGAP007131-PA
JHU_Ag_116544	LNYSDHDVIK	AGAP007131-PA	-	79	2.25E-07	1	1203.599	-1.58	Head	2L:+:43141826-43141855	exon=> In CDS Exon 5 of transcript AGAP007131-PA
JHU_Ag_15398	STAVVAPEDDATDDSDSR	AGAP007135-PA	-	121	5.22E-12	1	1850.793	2.38	Head	2L:-:43362529-43362476	exon=> In CDS Exon 5 of transcript AGAP007135-PA
JHU_Ag_80954	EVLAVVEK	AGAP007135-PA	-	31	0.008275714	1	886.526	1.74	Head	2L:-:43366348-43366325	exon=> In CDS Exon 3 of transcript AGAP007135-PA
JHU_Ag_78156	IRFHLK	AGAP007136-PA	-	30	0.003673369	1	813.511	2.16	Head	2L:+:43459868-43459885	exon=> In CDS Exon 6 of transcript AGAP007136-PA
JHU_Ag_104146	LQSENVDTDPIVWTNQR	AGAP007137-PA,AGAP007137-PB	-	57	3.25E-05	1	2014.982	-0.54	Head	2L:+:43522349-43522399;2L:+:43522349-43522399	exon=> In CDS Exon 7 of transcript AGAP007137-PA;exon=> In CDS Exon 7 of transcript AGAP007137-PB
JHU_Ag_24209	FVEEFNAK	AGAP007138-PA	-	35	0.003222017	2	983.483	0.06	Salivary gland	2L:+:43554918-43554941	exon=> In CDS Exon 1 of transcript AGAP007138-PA
JHU_Ag_32160	LSPSPSAPAVDTSSPK	AGAP007138-PA	-	84	5.52E-08	1	1540.791	3.91	Salivary gland	2L:+:43554480-43554527	exon=> In CDS Exon 1 of transcript AGAP007138-PA
JHU_Ag_48341	LSPSPSAPAVDTSSPK	AGAP007138-PA	-	55	4.41E-05	1	1540.785	-0.13	Male reproductive organs	2L:+:43554480-43554527	exon=> In CDS Exon 1 of transcript AGAP007138-PA
JHU_Ag_58422	FMEIQQACEALSK	AGAP007138-PA	M2(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	64	5.22E-06	2	1570.727	2.01	Salivary gland	2L:+:43555848-43555886	exon=> In CDS Exon 3 of transcript AGAP007138-PA
JHU_Ag_71500	VLGISATASQVEIK	AGAP007138-PA	-	83	2.86E-08	1	1415.812	1.11	Salivary gland	2L:+:43555725-43555766	exon=> In CDS Exon 3 of transcript AGAP007138-PA
JHU_Ag_95512	QIVDSMDVDGEQNAYK	AGAP007138-PA	M6(Oxidation)	119	9.72E-12	2	1827.812	2.84	Salivary gland	2L:+:43555677-43555724	exon=> In CDS Exon 3 of transcript AGAP007138-PA
JHU_Ag_56472	VAVDEIGNR	AGAP007140-PA	-	48	0.000167952	2	972.511	-0.03	Midgut	2L:+:43560312-43560338	exon=> In CDS Exon 2 of transcript AGAP007140-PA
JHU_Ag_57408	VITNSFLAGGGDGFTMFER	AGAP007140-PA	M16(Oxidation)	111	1.43E-10	1	2034.962	1.24	Midgut	2L:+:43560878-43560934	exon=> In CDS Exon 3 of transcript AGAP007140-PA
JHU_Ag_72453	LQTIDLTYVPYEECK	AGAP007141-PA	C14(Carbamidomethyl)	57	3.22E-05	2	1871.915	3	Pupa	2L:+:43563062-43563106	exon=> In CDS Exon 2 of transcript AGAP007141-PA
JHU_Ag_80300	LVGVVNFGVPCALGYPDAYAR	AGAP007141-PA	C11(Carbamidomethyl)	84	5.89E-08	2	2238.144	2.97	Pupa	2L:+:43563279-43563341	exon=> In CDS Exon 3 of transcript AGAP007141-PA
JHU_Ag_106560	LHGNSENVDIGHVCTLTK	AGAP007141-PA	C14(Carbamidomethyl)	85	5.06E-08	1	1993.978	0.81	Pupa	2L:+:43563110-43563163	exon=> In CDS Exon 2 of transcript AGAP007141-PA

JHU_Ag_107116	YNNPVFHNDIALVK	AGAP007141-PA	-	107	2.57E-10	1	1643.857	1.55	Pupa	2L:+:43562888-43562929	exon=> In CDS Exon 2 of transcript AGAP007141-PA
JHU_Ag_117777	VLVGTNLLNAGGQR	AGAP007141-PA	-	113	2.37E-11	2	1411.804	1.57	Pupa	2L:+:43562813-43562854	exon=> In CDS Exon 2 of transcript AGAP007141-PA
JHU_Ag_21755	EGEGVCNGDSGGPLVYEGK	AGAP007142-PA	C6(Carbamidomethyl), N7(Deamidated)	73	2.79E-07	2	1924.824	0.59	Midgut	2L:+:43564912-43564932,43565005-43565040	exon=> In CDS Exon 2 and 3 of transcript AGAP007142-PA
JHU_Ag_3215	LSLLLR	AGAP007143-PA	-	34	0.000795131	2	714.488	1.39	Salivary gland	2L:-:43569509-43569492	exon=> In CDS Exon 5 of transcript AGAP007143-PA
JHU_Ag_30830	VRNTLEQYSTTLSPK	AGAP007144-PA	-	59	1.25E-05	1	1736.924	3.5	Male reproductive organs	2L:+:43566704-43566748	exon=> In CDS Exon 2 of transcript AGAP007144-PA
JHU_Ag_39536	EVLKPVEHIDFIALPK	AGAP007144-PA	-	80	2.32E-08	1	1848.061	-1.23	Male reproductive organs	2L:+:43566493-43566540	exon=> In CDS Exon 1 of transcript AGAP007144-PA
JHU_Ag_92932	NTLEQYSTTLSPK	AGAP007144-PA	-	71	1.30E-06	2	1481.752	2.7	Male reproductive organs	2L:+:43566710-43566748	exon=> In CDS Exon 2 of transcript AGAP007144-PA
JHU_Ag_18841	NIILVVK	AGAP007145-PA	-	30	0.001403227	1	798.544	-0.6	Head	2L:+:43574428-43574448	exon=> In CDS Exon 1 of transcript AGAP007145-PA
JHU_Ag_32648	VLLLDNGTPLLTYFLR	AGAP007145-PA	-	107	3.22E-11	1	1848.067	2.32	Ovary	2L:+:43574873-43574920	exon=> In CDS Exon 2 of transcript AGAP007145-PA
JHU_Ag_66384	NIILVVK	AGAP007145-PA	-	40	0.000153507	2	798.544	-0.54	Midgut	2L:+:43574428-43574448	exon=> In CDS Exon 1 of transcript AGAP007145-PA
JHU_Ag_99083	NIILVVK	AGAP007145-PA	-	32	0.000922843	1	798.546	1.85	Malpighian tubule	2L:+:43574428-43574448	exon=> In CDS Exon 1 of transcript AGAP007145-PA
JHU_Ag_103719	NIILVVK	AGAP007145-PA	-	30	0.001300553	1	798.546	1.77	Ovary	2L:+:43574428-43574448	exon=> In CDS Exon 1 of transcript AGAP007145-PA
JHU_Ag_8120	GESVAQMNLDWHK	AGAP007146-PA	M7(Oxidation)	40	0.001262873	1	1530.704	2.22	Visceras	2L:-:43577044-43577006	exon=> In CDS Exon 2 of transcript AGAP007146-PA
JHU_Ag_8488	SIEEVPNFVSQEK	AGAP007146-PA	-	54	7.34E-05	2	1505.748	-0.21	Midgut	2L:-:43577274-43577529,43576940-43577156	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_11788	ADYEASLAAEAKK	AGAP007146-PA	-	69	2.17E-06	2	1366.687	1.27	Malpighian tubule	2L:-:43576984-43576946	exon=> In CDS Exon 2 of transcript AGAP007146-PA
JHU_Ag_20672	SIEEVPNFVSQEK	AGAP007146-PA	-	79	2.63E-07	1	1505.753	2.88	Visceras	2L:-:43577274-43577529,43576940-43577156	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_22706	ADYEASLAAEAK	AGAP007146-PA	-	93	6.24E-09	2	1238.591	0.91	Ovary	2L:-:43576984-43576949	exon=> In CDS Exon 2 of transcript AGAP007146-PA
JHU_Ag_31593	SIEEVPNFVSQEKMER	AGAP007146-PA	M14(Oxidation)	41	0.001216175	1	1937.923	-2.27	Malpighian tubule	2L:-:43577274-43577529,43576940-43577147	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_43950	SIEEVPNFVSQEK	AGAP007146-PA	-	70	1.83E-06	1	1505.749	0.61	Head	2L:-:43577274-43577529,43576940-43577156	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_46757	GESVAQMNLDWHK	AGAP007146-PA	M7(Oxidation)	76	2.76E-07	1	1530.699	-1.21	Head	2L:-:43577044-43577006	exon=> In CDS Exon 2 of transcript AGAP007146-PA
JHU_Ag_64881	SIEEVPNFVSQEK	AGAP007146-PA	-	57	3.79E-05	2	1505.751	1.58	Ovary	2L:-:43577274-43577529,43576940-43577156	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_68657	SIEEVPNFVSQEK	AGAP007146-PA	-	49	0.000245381	1	1505.758	6.69	Salivary gland	2L:-:43577274-43577529,43576940-43577156	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_80502	ADYEASLAAEAK	AGAP007146-PA	-	74	4.91E-07	2	1238.588	-1.65	Salivary gland	2L:-:43576984-43576949	exon=> In CDS Exon 2 of transcript AGAP007146-PA
JHU_Ag_90368	ADYEASLAAEAK	AGAP007146-PA	-	95	4.09E-09	1	1238.593	2.69	Malpighian tubule	2L:-:43576984-43576949	exon=> In CDS Exon 2 of transcript AGAP007146-PA

JHU_Ag_95464	ADYEASLAAEAK	AGAP007146-PA	-	72	8.51E-07	2	1238.592	1.6	Head	2L:-:43576984-43576949	exon=> In CDS Exon 2 of transcript AGAP007146-PA
JHU_Ag_97833	YKSIEEVPNFVSQEK	AGAP007146-PA	-	39	0.001549048	2	1796.915	4.74	Malpighian tubule	2L:-:43577280-43577529,43576940-43577156	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_110775	SIEEVPNFVSQEK	AGAP007146-PA	-	62	1.01E-05	1	1505.751	1.66	Malpighian tubule	2L:-:43577274-43577529,43576940-43577156	exon=> In CDS Exon 2 and 1 of transcript AGAP007146-PA
JHU_Ag_58290	AGLYDANNAESDK	AGAP007147-PA	N7(Deamidated),N8(Deamidated)	29	0.006954934	1	1368.581	-7.82	Salivary gland	2L:+:43578893-43578931	exon=> In CDS Exon 2 of transcript AGAP007147-PA
JHU_Ag_39291	LVRPFHATIR	AGAP007151-PA	-	35	0.000819215	1	1209.723	0.86	Head	2L:-:43584156-43584127	exon=> In CDS Exon 2 of transcript AGAP007151-PA
JHU_Ag_89202	LVAAAPVAK	AGAP007151-PA	-	43	7.37E-05	1	839.535	0.15	Head	2L:-:43584192-43584166	exon=> In CDS Exon 2 of transcript AGAP007151-PA
JHU_Ag_31304	NYNGIAPLAYTAPAVAYAAPAVAK	AGAP007154-PA	N1(Deamidated),N3(Deamidated)	157	1.89E-15	1	2378.251	4.88	Malpighian tubule	2L:-:43590365-43590294	exon=> In CDS Exon 2 of transcript AGAP007154-PA
JHU_Ag_96505	AFASPLLAR	AGAP007154-PA	-	59	1.08E-05	1	945.554	2.71	Malpighian tubule	2L:-:43590122-43590096	exon=> In CDS Exon 2 of transcript AGAP007154-PA
JHU_Ag_101393	NYNGIAPLAYTAPAVAYAAPAVAK	AGAP007154-PA	N1(Deamidated),N3(Deamidated)	85	2.40E-08	1	2377.255	0.01	Head	2L:-:43590365-43590294	exon=> In CDS Exon 2 of transcript AGAP007154-PA
JHU_Ag_3031	DFLHPLPAEEK	AGAP007157-PA	-	65	4.13E-06	1	1295.664	0.96	Visceras	2L:-:43597931-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_4382	DFLHPLPAEEK	AGAP007157-PA	-	37	0.002386742	1	1295.670	5.12	Larva	2L:-:43597931-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_6433	DFLHPLPAEEK	AGAP007157-PA	-	73	7.13E-07	1	1295.664	0.41	Ovary	2L:-:43597931-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_17640	RLVPHPNSYFMDVK	AGAP007157-PA	M11(Oxidation)	69	2.39E-06	1	1718.870	0.94	Ovary	2L:-:43597880-43597839	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_25775	DFLHPLPAEEK	AGAP007157-PA	-	64	5.93E-06	1	1295.663	-0.45	Salivary gland	2L:-:43597931-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_28179	LVPHPNSYFMDVK	AGAP007157-PA	M10(Oxidation)	75	4.97E-07	1	1562.768	0.8	Ovary	2L:-:43597877-43597839	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_30394	LVPHPNSYFMDVK	AGAP007157-PA	M10(Oxidation)	36	0.004765017	1	1562.767	-0.45	Midgut	2L:-:43597877-43597839	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_30571	DFLHPLPAEEK	AGAP007157-PA	-	65	4.41E-06	1	1295.661	-1.32	Malpighian tubule	2L:-:43597931-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_33655	LTEGCSFR	AGAP007157-PA	C5(Carbamidomethyl)	55	2.67E-05	1	969.447	0.91	Malpighian tubule	2L:-:43597730-43597707	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_35753	DFLHPLPAEEKR	AGAP007157-PA	-	44	0.000506512	1	1451.766	1.14	Visceras	2L:-:43597931-43597896	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_36420	LTEGCSFR	AGAP007157-PA	C5(Carbamidomethyl)	53	3.47E-05	2	969.447	0.91	Visceras	2L:-:43597730-43597707	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_43071	DFLHPLPAEEKR	AGAP007157-PA	-	87	2.79E-08	1	1451.766	1.33	Malpighian tubule	2L:-:43597931-43597896	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_48039	DFLHPLPAEEKR	AGAP007157-PA	-	83	7.30E-08	1	1451.764	-0.18	Ovary	2L:-:43597931-43597896	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_58480	LVPHPNSYFMDVK	AGAP007157-PA	-	37	0.004313221	1	1546.774	1.38	Malpighian tubule	2L:-:43597877-43597839	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_84287	DFLHPLPAEEK	AGAP007157-PA	-	62	7.31E-06	1	1295.662	-0.95	Midgut	2L:-:43597931-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_90275	PLAKDFLHPLPAEEK	AGAP007157-PA	-	104	2.71E-10	1	1704.936	2.6	Malpighian tubule	2L:-:43597943-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_107621	LTEGCSFR	AGAP007157-PA	C5(Carbamidomethyl)	36	0.00196935	2	969.447	0.65	Salivary gland	2L:-:43597730-43597707	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_108862	LTEGCSFR	AGAP007157-PA	C5(Carbamidomethyl)	56	2.44E-05	2	969.457	11.86	Ovary	2L:-:43597730-43597707	exon=> In CDS Exon 1 of transcript AGAP007157-PA

JHU_Ag_111553	DFLHPLPAEEKR	AGAP007157-PA	-	49	0.000154032	1	1451.763	-0.5	Midgut	2L:-:43597931-43597896	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_115790	DFLHPLPAEEK	AGAP007157-PA	-	68	2.10E-06	1	1295.664	0.69	Head	2L:-:43597931-43597899	exon=> In CDS Exon 1 of transcript AGAP007157-PA
JHU_Ag_88677	NWWDDEWDRPLWSSR	AGAP007158-PA	-	70	9.07E-07	1	2047.905	0.36	Visceras	2L:+:43598809-43598853	exon=> In CDS Exon 1 of transcript AGAP007158-PA
JHU_Ag_2545	TDKYVTIEGK	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	61	8.71E-06	1	1153.610	0.28	Visceras	2L:-:43605851-43605822;2L:-:43605851-43605822;2L:-:43605851-43605822	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD
JHU_Ag_2896	FQIELDVHQFLPHEVTVR	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	108	1.52E-10	1	2207.166	2.3	Visceras	2L:-:43605908-43605855;2L:-:43605908-43605855;2L:-:43605908-43605855	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD
JHU_Ag_5428	RDEQGYVAR	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	52	9.68E-05	2	1093.543	3.98	Visceras	2L:-:43605809-43605783;2L:-:43605809-43605783;2L:-:43605809-43605783	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD
JHU_Ag_17692	IGLPAPK	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	32	0.000349116	1	695.445	-0.02	Visceras	2L:-:43605031-43605011;2L:-:43605031-43605011;2L:-:43605031-43605011	exon=> In CDS Exon 2 of transcript AGAP007160-PA;exon=> In CDS Exon 2 of transcript AGAP007160-PB;exon=> In CDS Exon 2 of transcript AGAP007160-PD
JHU_Ag_34009	YLVPIGYDANLIVSSLSSDGVLTVTAPR	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	104	1.47E-10	2	2920.577	3.5	Visceras	2L:-:43605767-43606130,43604955-43605032;2L:-:43605767-43606130,43605003-43605032;2L:-:43605767-43606130,43604951-43605032	exon=> In CDS Exon 2 and 1 of transcript AGAP007160-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007160-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007160-PD
JHU_Ag_40192	GAPLAPLR	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	43	0.000113781	1	794.488	-0.11	Visceras	2L:-:43606010-43605987;2L:-:43606010-43605987;2L:-:43606010-43605987	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD
JHU_Ag_79203	TWWDDWDLPLYTR	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	76	3.73E-07	1	1766.824	3.7	Visceras	2L:-:43606103-43606065;2L:-:43606103-43606065;2L:-:43606103-43606065	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD

JHU_Ag_97757	SITQEVLGTDDYWR	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	106	3.38E-10	1	1682.807	3.16	Visceras	2L:-:43606052-43606011;2L:-:43606052-43606011;2L:-:43606052-43606011	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD
JHU_Ag_104578	YVTIEGK	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	42	0.000502277	1	809.441	1.35	Visceras	2L:-:43605842-43605822;2L:-:43605842-43605822;2L:-:43605842-43605822	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD
JHU_Ag_117515	DEQGYVAR	AGAP007160-PA,AGAP007160-PB,AGAP007160-PD	-	47	0.000204325	2	937.437	-0.32	Visceras	2L:-:43605806-43605783;2L:-:43605806-43605783;2L:-:43605806-43605783	exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB;exon=> In CDS Exon 1 of transcript AGAP007160-PD
JHU_Ag_20382	YVPIWHTGKPAIEDK	AGAP007160-PA,AGAP007160-PD	-	76	2.29E-07	1	1753.929	1.28	Visceras	2L:-:43605001-43604957;2L:-:43605001-43604957	exon=> In CDS Exon 2 of transcript AGAP007160-PA;exon=> In CDS Exon 2 of transcript AGAP007160-PD
JHU_Ag_53903	YVPIWHTGKPAIEDK	AGAP007160-PD,AGAP007160-PA	-	46	0.000260778	2	1753.924	-1.79	Head	2L:-:43605001-43604957;2L:-:43605001-43604957	exon=> In CDS Exon 2 of transcript AGAP007160-PD;exon=> In CDS Exon 2 of transcript AGAP007160-PA
JHU_Ag_6972	FQIELDVHQFLPHEVTVR	AGAP007160-PD,AGAP007160-PA,AGAP007160-PB	-	120	1.09E-11	1	2207.162	0.64	Head	2L:-:43605908-43605855;2L:-:43605908-43605855;2L:-:43605908-43605855	exon=> In CDS Exon 1 of transcript AGAP007160-PD;exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB
JHU_Ag_18649	GAPLAPLR	AGAP007160-PD,AGAP007160-PA,AGAP007160-PB	-	33	0.000439787	1	794.487	-1.09	Head	2L:-:43606010-43605987;2L:-:43606010-43605987;2L:-:43606010-43605987	exon=> In CDS Exon 1 of transcript AGAP007160-PD;exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB
JHU_Ag_44442	TWWDDWDLPLYTR	AGAP007160-PD,AGAP007160-PA,AGAP007160-PB	-	50	0.00012843	2	1766.815	-1.62	Head	2L:-:43606103-43606065;2L:-:43606103-43606065;2L:-:43606103-43606065	exon=> In CDS Exon 1 of transcript AGAP007160-PD;exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB
JHU_Ag_77813	IGLPAPK	AGAP007160-PD,AGAP007160-PA,AGAP007160-PB	-	29	0.000633826	1	695.445	-0.81	Head	2L:-:43605031-43605011;2L:-:43605031-43605011;2L:-:43605031-43605011	exon=> In CDS Exon 2 of transcript AGAP007160-PD;exon=> In CDS Exon 2 of transcript AGAP007160-PA;exon=> In CDS Exon 2 of transcript AGAP007160-PB
JHU_Ag_105064	RDEQGYVAR	AGAP007160-PD,AGAP007160-PA,AGAP007160-PB	-	62	1.01E-05	1	1093.533	-4.84	Head	2L:-:43605809-43605783;2L:-:43605809-43605783;2L:-:43605809-43605783	exon=> In CDS Exon 1 of transcript AGAP007160-PD;exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB

JHU_Ag_110160	DRFQIELDVHQFLPHEVTVR	AGAP007160-PD,AGAP007160-PA,AGAP007160-PB	-	89	1.08E-08	1	2478.289	-0.08	Head	2L:-:43605914-43605855;2L:-:43605914-43605855;2L:-:43605914-43605855	exon=> In CDS Exon 1 of transcript AGAP007160-PD;exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB
JHU_Ag_114175	SITQEVLGTDDYWR	AGAP007160-PD,AGAP007160-PA,AGAP007160-PB	-	124	6.18E-12	1	1682.808	3.31	Head	2L:-:43606052-43606011;2L:-:43606052-43606011;2L:-:43606052-43606011	exon=> In CDS Exon 1 of transcript AGAP007160-PD;exon=> In CDS Exon 1 of transcript AGAP007160-PA;exon=> In CDS Exon 1 of transcript AGAP007160-PB
JHU_Ag_11869	DWWDDDLFENPR	AGAP007161-PA	-	96	1.48E-09	1	1607.679	1.75	Head	2L:+:43610710-43610745	exon=> In CDS Exon 1 of transcript AGAP007161-PA
JHU_Ag_34459	LQINLDVQQFTPHEITVK	AGAP007161-PA	-	81	4.18E-08	1	2123.158	3.98	Visceras	2L:+:43611028-43611081	exon=> In CDS Exon 2 of transcript AGAP007161-PA
JHU_Ag_39516	LFDQQFGTGIFSEDLQK	AGAP007161-PA	-	122	1.10E-11	1	1972.969	2.09	Visceras	2L:+:43610758-43610789,43610868-43610886	exon=> In CDS Exon 1 and 2 of transcript AGAP007161-PA
JHU_Ag_39836	LFDQQFGTGIFSEDLQK	AGAP007161-PA	-	124	7.02E-12	1	1972.967	1.1	Head	2L:+:43610758-43610789,43610868-43610886	exon=> In CDS Exon 1 and 2 of transcript AGAP007161-PA
JHU_Ag_42952	DWWDDDLFENPRR	AGAP007161-PA	-	54	3.70E-05	1	1763.780	1.71	Head	2L:+:43610710-43610748	exon=> In CDS Exon 1 of transcript AGAP007161-PA
JHU_Ag_58439	KVPQPAPEAVYER	AGAP007161-PA	-	51	8.22E-05	1	1483.793	1.58	Malpighian tubule	2L:+:43611383-43611421	exon=> In CDS Exon 3 of transcript AGAP007161-PA
JHU_Ag_59183	DWWDDDLFENPR	AGAP007161-PA	-	56	1.50E-05	2	1607.681	3.27	Visceras	2L:+:43610710-43610745	exon=> In CDS Exon 1 of transcript AGAP007161-PA
JHU_Ag_75056	YVLPDDHDPKDVISSLSSDGVLTIVAPK	AGAP007161-PA	-	120	7.27E-12	1	2980.568	5.63	Malpighian tubule	2L:+:43611169-43611181,43611312-43611382	exon=> In CDS Exon 2 and 3 of transcript AGAP007161-PA
JHU_Ag_85839	RYVLPDDHDPK	AGAP007161-PA	-	45	0.00036278	1	1354.671	-3.02	Head	2L:+:43611166-43611181,43611312-43611328	exon=> In CDS Exon 2 and 3 of transcript AGAP007161-PA
JHU_Ag_91397	LFDQQFGTGIFSEDLQK	AGAP007161-PA	-	84	6.41E-08	1	1972.987	10.93	Malpighian tubule	2L:+:43610758-43610789,43610868-43610886	exon=> In CDS Exon 1 and 2 of transcript AGAP007161-PA
JHU_Ag_96212	MASSFHSSCNLR	AGAP007161-PA	M1(Oxidation), C9(Carbamidomethyl)	63	2.91E-06	2	1412.605	0.22	Head	2L:+:43610887-43610922	exon=> In CDS Exon 2 of transcript AGAP007161-PA
JHU_Ag_101440	LQINLDVQQFTPHEITVK	AGAP007161-PA	-	83	2.89E-08	1	2123.154	2.25	Head	2L:+:43611028-43611081	exon=> In CDS Exon 2 of transcript AGAP007161-PA
JHU_Ag_107064	KVPQPAPEAVYER	AGAP007161-PA	-	64	4.37E-06	1	1483.788	-1.79	Head	2L:+:43611383-43611421	exon=> In CDS Exon 3 of transcript AGAP007161-PA
JHU_Ag_115922	TVNNSIVVEGK	AGAP007161-PA	-	45	0.000639199	2	1159.633	1.14	Head	2L:+:43611082-43611114	exon=> In CDS Exon 2 of transcript AGAP007161-PA
JHU_Ag_71	YMLPNGHDPNDVVSTLSSDGVLTVTAPK	AGAP007162-PB	M2(Oxidation),"M2(Oxidation), N10(Deamidated)","M2(Oxidation), N5(Deamidated)",N5(Deamidated),N10(Deamidated)	125	4.33E-12	1	2927.450	1.65	Head	2L:-:43612754-43613040,43612502-43612610	exon=> In CDS Exon 3 and 2 of transcript AGAP007162-PB
JHU_Ag_2772	QDSGSTLNLDKDR	AGAP007162-PB	-	100	1.73E-09	1	1448.695	-2.08	Head	2L:-:43612934-43612896	exon=> In CDS Exon 2 of transcript AGAP007162-PB

JHU_Ag_4895	YMLPNGHDPNDVVSTLSSDGVLTVTAPK	AGAP007162-PB	M2(Oxidation)	102	8.85E-10	1	2943.445	1.48	Visceras	2L:-:43612754-43613040,43612502-43612610	exon=> In CDS Exon 3 and 2 of transcript AGAP007162-PB
JHU_Ag_5012	GGYYRPWR	AGAP007162-PB	-	33	0.004782282	1	1054.522	0.6	Malpighian tubule	2L:-:43612976-43612953	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_7168	APLSSPSLLR	AGAP007162-PB	-	46	0.000137496	1	1040.610	-0.36	Male reproductive organs	2L:-:43613006-43612977	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_12420	HEEKQDEHGYVSR	AGAP007162-PB	-	81	7.62E-08	1	1613.730	-0.27	Visceras	2L:-:43612808-43612770	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_15146	DWWEDFDTPLR	AGAP007162-PB	-	83	5.27E-08	1	1479.658	2.55	Visceras	2L:-:43613199-43613167	exon=> In CDS Exon 1 of transcript AGAP007162-PB
JHU_Ag_20172	APLSSPSLLR	AGAP007162-PB	-	30	0.005038385	1	1040.610	0.53	Visceras	2L:-:43613006-43612977	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_24335	APLSSPSLLR	AGAP007162-PB	-	53	2.38E-05	1	1040.610	-0.24	Ovary	2L:-:43613006-43612977	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_24559	ADDLFSSFPAR	AGAP007162-PB	-	45	0.000337317	2	1225.586	1.23	Head	2L:-:43613039-43613007	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_27286	SVPIQQTGQPAK	AGAP007162-PB	-	41	0.00073615	2	1253.684	-0.5	Male reproductive organs	2L:-:43612579-43612544	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_28478	QDSGSTLNLDKDR	AGAP007162-PB	-	90	1.80E-08	1	1448.697	-0.39	Visceras	2L:-:43612934-43612896	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_40934	QDSGSTLNLDK	AGAP007162-PB	-	81	1.17E-07	2	1177.569	-0.37	Head	2L:-:43612934-43612902	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_44135	DWWEDFDTPLR	AGAP007162-PB	-	54	3.32E-05	2	1479.655	0.4	Male reproductive organs	2L:-:43613199-43613167	exon=> In CDS Exon 1 of transcript AGAP007162-PB
JHU_Ag_48559	RYMLPNGHDPNDVVSTLSSDGVLTVTAPK	AGAP007162-PB	M3(Oxidation)	120	1.04E-11	1	3099.561	6.24	Malpighian tubule	2L:-:43612757-43613040,43612502-43612610	exon=> In CDS Exon 3 and 2 of transcript AGAP007162-PB
JHU_Ag_53762	KSLPAPNPER	AGAP007162-PB	-	51	7.38E-05	2	1108.611	0.24	Visceras	2L:-:43612609-43612580	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_56340	SVPIQQTGQPAK	AGAP007162-PB	-	67	1.70E-06	2	1253.685	0.08	Visceras	2L:-:43612579-43612544	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_56348	NTALTR	AGAP007162-PB	-	38	0.001850801	1	675.380	2.68	Malpighian tubule	2L:-:43612952-43612935	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_57589	KSLPAPNPER	AGAP007162-PB	-	58	1.61E-05	1	1108.611	0.35	Malpighian tubule	2L:-:43612609-43612580	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_59768	SVVPMLFR	AGAP007162-PB	N-Term(Acetyl), M5(Oxidation)	55	4.42E-05	2	1006.538	-0.69	Male reproductive organs	2L:-:43613223-43613200	exon=> In CDS Exon 1 of transcript AGAP007162-PB
JHU_Ag_67577	DWWEDFDTPLR	AGAP007162-PB	-	89	1.06E-08	1	1479.654	-0.09	Head	2L:-:43613199-43613167	exon=> In CDS Exon 1 of transcript AGAP007162-PB
JHU_Ag_71204	DKAEAQPSVEGAK	AGAP007162-PB	-	78	2.19E-07	1	1329.664	-0.06	Visceras	2L:-:43612543-43612505	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_72142	DWWEDFDTPLR	AGAP007162-PB	-	42	0.000576018	2	1479.663	6.1	Midgut	2L:-:43613199-43613167	exon=> In CDS Exon 1 of transcript AGAP007162-PB
JHU_Ag_73013	APLSSPSLLR	AGAP007162-PB	-	53	2.70E-05	1	1040.609	-0.6	Head	2L:-:43613006-43612977	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_75373	LLDQHFGTGLR	AGAP007162-PB	-	72	6.48E-07	1	1256.672	-1.88	Head	2L:-:43613157-43613226,43612742-43613040	exon=> In CDS Exon 2 and 1 of transcript AGAP007162-PB
JHU_Ag_83082	DWWEDFDTPLR	AGAP007162-PB	-	41	0.000867833	2	1479.661	4.86	Malpighian tubule	2L:-:43613199-43613167	exon=> In CDS Exon 1 of transcript AGAP007162-PB
JHU_Ag_87803	AEAQPSVEGAK	AGAP007162-PB	-	47	0.000186481	2	1086.543	-0.1	Head	2L:-:43612537-43612505	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_89045	SVPIQQTGQPAK	AGAP007162-PB	-	79	1.15E-07	1	1253.685	-0.02	Head	2L:-:43612579-43612544	exon=> In CDS Exon 3 of transcript AGAP007162-PB

JHU_Ag_91312	LLDQHFGTGLRADDLFSSFPAR	AGAP007162-PB	-	106	3.08E-10	1	2463.251	3.73	Malpighian tubule	2L:-:43613157-43613226,43612742-43613007	exon=> In CDS Exon 2 and 1 of transcript AGAP007162-PB
JHU_Ag_98233	SVPIQQTGQPAKDK	AGAP007162-PB	-	59	9.30E-06	1	1496.807	0.17	Head	2L:-:43612579-43612538	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_98720	LLDQHFGTGLR	AGAP007162-PB	-	63	5.69E-06	1	1256.675	0.06	Male reproductive organs	2L:-:43613157-43613226,43612742-43613040	exon=> In CDS Exon 2 and 1 of transcript AGAP007162-PB
JHU_Ag_100385	FQIILDVQQFTPEEITVK	AGAP007162-PB	-	103	3.36E-10	2	2148.165	2.82	Visceras	2L:-:43612895-43612842	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_101978	RYMLPNGHDPNDVVSTLSSDGVLTVTAPK	AGAP007162-PB	M3(Oxidation)	73	5.17E-07	1	3099.545	1.09	Head	2L:-:43612757-43613040,43612502-43612610	exon=> In CDS Exon 3 and 2 of transcript AGAP007162-PB
JHU_Ag_102039	FQIILDVQQFTPEEITVK	AGAP007162-PB	-	114	3.35E-11	1	2148.161	0.88	Head	2L:-:43612895-43612842	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_104459	DWWEDFDTPLR	AGAP007162-PB	-	37	0.001781245	2	1479.658	2.8	Ovary	2L:-:43613199-43613167	exon=> In CDS Exon 1 of transcript AGAP007162-PB
JHU_Ag_104677	APLSSPSLLR	AGAP007162-PB	-	53	2.52E-05	1	1040.613	2.57	Malpighian tubule	2L:-:43613006-43612977	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_105350	KSLPAPNPER	AGAP007162-PB	-	51	7.80E-05	2	1108.610	-1.08	Head	2L:-:43612609-43612580	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_106714	ADDLFSSFPAR	AGAP007162-PB	-	75	3.78E-07	2	1225.587	1.93	Male reproductive organs	2L:-:43613039-43613007	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_108123	ADDLFSSFPAR	AGAP007162-PB	-	66	3.27E-06	2	1225.588	2.83	Visceras	2L:-:43613039-43613007	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_108592	LLDQHFGTGLR	AGAP007162-PB	-	46	0.000240957	1	1256.675	-0.07	Visceras	2L:-:43613157-43613226,43612742-43613040	exon=> In CDS Exon 2 and 1 of transcript AGAP007162-PB
JHU_Ag_110607	QDSGSTLNLDKDR	AGAP007162-PB	-	104	6.66E-10	1	1448.698	-0.06	Male reproductive organs	2L:-:43612934-43612896	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_111340	QDEHGYVSR	AGAP007162-PB	-	30	0.006922155	2	1090.485	-5.36	Head	2L:-:43612796-43612770	exon=> In CDS Exon 2 of transcript AGAP007162-PB
JHU_Ag_117549	DKAEAQPSVEGAK	AGAP007162-PB	-	63	6.46E-06	1	1329.669	3.06	Male reproductive organs	2L:-:43612543-43612505	exon=> In CDS Exon 3 of transcript AGAP007162-PB
JHU_Ag_4355	DPLPPDNDDNQILVR	AGAP007163-PA,AGAP007163-PB	-	50	0.000204058	1	1720.856	3.19	Head	2L:-:43620074-43620030;2L:-:43620074-43620030	exon=> In CDS Exon 15 of transcript AGAP007163-PA;exon=> In CDS Exon 14 of transcript AGAP007163-PB
JHU_Ag_27133	MDEATALIAAATHDIDHPGR	AGAP007163-PA,AGAP007163-PB	M1(Oxidation)	72	1.01E-06	1	2121.003	0.19	Midgut	2L:-:43620483-43620424;2L:-:43620483-43620424	exon=> In CDS Exon 14 of transcript AGAP007163-PA;exon=> In CDS Exon 13 of transcript AGAP007163-PB
JHU_Ag_41202	IAEEYFMQTDEEK	AGAP007163-PA,AGAP007163-PB	M7(Oxidation)	91	4.39E-09	1	1648.711	3.55	Midgut	2L:-:43619954-43619916;2L:-:43619954-43619916	exon=> In CDS Exon 15 of transcript AGAP007163-PA;exon=> In CDS Exon 14 of transcript AGAP007163-PB
JHU_Ag_44595	LSLEPTFVK	AGAP007163-PA,AGAP007163-PB	-	34	0.003034319	1	1033.593	0.31	Male reproductive organs	2L:-:43626389-43626363;2L:-:43626389-43626363	exon=> In CDS Exon 5 of transcript AGAP007163-PA;exon=> In CDS Exon 4 of transcript AGAP007163-PB
JHU_Ag_53817	EAVIITDDTLR	AGAP007163-PA,AGAP007163-PB	-	33	0.008246503	2	1245.670	1.02	Head	2L:-:43622713-43622681;2L:-:43622713-43622681	exon=> In CDS Exon 9 of transcript AGAP007163-PA;exon=> In CDS Exon 8 of transcript AGAP007163-PB

JHU_Ag_61090	DDTAVISLLDVGYNR	AGAP007163-PA,AGAP007163-PB	-	52	9.37E-05	2	1650.839	3.48	Head	2L:-:43625187-43625143;2L:-:43625187-43625143	exon=> In CDS Exon 7 of transcript AGAP007163-PA;exon=> In CDS Exon 6 of transcript AGAP007163-PB
JHU_Ag_69326	TIEAEALGR	AGAP007163-PA,AGAP007163-PB	-	50	0.000239 02	2	959.517	1.63	Malpighian tubule	2L:-:43626278-43626452,436259 32-43625991;2L:-:43626278-43626452,436259 32-43625991	exon=> In CDS Exon 6 and 5 of transcript AGAP007163-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP007163-PB
JHU_Ag_79555	SAESAIDAFQNPSSGGHHIIIVDAR	AGAP007163-PA,AGAP007163-PB	-	93	8.34E-09	1	2592.289	3.57	Head	2L:-:43626362-43626288;2L:-:43626362-43626288	exon=> In CDS Exon 5 of transcript AGAP007163-PA;exon=> In CDS Exon 4 of transcript AGAP007163-PB
JHU_Ag_86679	LFEEQGINTLSDIK	AGAP007163-PA,AGAP007163-PB	-	106	3.47E-10	2	1606.829	-1.84	Midgut	2L:-:43619652-43619611;2L:-:43619652-43619611	exon=> In CDS Exon 16 of transcript AGAP007163-PA;exon=> In CDS Exon 15 of transcript AGAP007163-PB
JHU_Ag_95441	LSSLPLEAPITK	AGAP007163-PA,AGAP007163-PB	-	54	1.07E-05	1	1268.745	-0.63	Male reproductive organs	2L:-:43621980-43621945;2L:-:43621980-43621945	exon=> In CDS Exon 11 of transcript AGAP007163-PA;exon=> In CDS Exon 10 of transcript AGAP007163-PB
JHU_Ag_111110	MDEATALIAAATHDIDHPGR	AGAP007163-PA,AGAP007163-PB	M1(Oxidation)	57	3.58E-05	1	2121.004	0.53	Head	2L:-:43620483-43620424;2L:-:43620483-43620424	exon=> In CDS Exon 14 of transcript AGAP007163-PA;exon=> In CDS Exon 13 of transcript AGAP007163-PB
JHU_Ag_4314	SLPADSIDPAFR	AGAP007163-PB	-	57	3.40E-05	1	1288.655	1.69	Male reproductive organs	2L:-:43627268-43627233	exon=> In CDS Exon 1 of transcript AGAP007163-PB
JHU_Ag_48265	RIPDLAQLNNK	AGAP007168-PA	N10(Deamidated)	35	0.002113 966	1	1282.716	3.83	Malpighian tubule	2L:-:43757926-43757894	exon=> In CDS Exon 2 of transcript AGAP007168-PA
JHU_Ag_28824	IAFQKPSSLGR	AGAP007172-PA	-	52	4.55E-05	1	1203.683	-1.42	Male reproductive organs	2L:+:43818822-43818854	exon=> In CDS Exon 1 of transcript AGAP007172-PA
JHU_Ag_13170	ISIWTADYDNR	AGAP007172-PA,AGAP007172-PB	-	56	3.33E-05	1	1353.646	1.59	Ovary	2L:+:43819552-43819555,438196 33-43819661;2L:+:438 19552-43819555,438196 33-43819661	exon=> In CDS Exon 3 and 4 of transcript AGAP007172-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007172-PB
JHU_Ag_33567	VGGDYMLFK	AGAP007172-PA,AGAP007172-PB	M6(Oxidation)	56	2.34E-05	1	1045.502	0.14	Ovary	2L:+:43819273-43819299;2L:+:438 19273-43819299	exon=> In CDS Exon 2 of transcript AGAP007172-PA;exon=> In CDS Exon 2 of transcript AGAP007172-PB
JHU_Ag_40983	ISIWTADYDNR	AGAP007172-PA,AGAP007172-PB	-	58	2.31E-05	2	1353.645	1.5	Head	2L:+:43819552-43819555,438196 33-43819661;2L:+:438 19552-43819555,438196 33-43819661	exon=> In CDS Exon 3 and 4 of transcript AGAP007172-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007172-PB
JHU_Ag_58073	AAVLDIGR	AGAP007172-PA,AGAP007172-PB	-	50	0.000122 342	2	814.480	2.19	Male reproductive organs	2L:+:43819662-43819685;2L:+:438 19662-43819685	exon=> In CDS Exon 4 of transcript AGAP007172-PA;exon=> In CDS Exon 4 of transcript AGAP007172-PB
JHU_Ag_62872	AAVLDIGR	AGAP007172-PA,AGAP007172-PB	-	38	0.002155 64	2	814.480	2.19	Malpighian tubule	2L:+:43819662-43819685;2L:+:438 19662-43819685	exon=> In CDS Exon 4 of transcript AGAP007172-PA;exon=> In CDS Exon 4 of transcript AGAP007172-PB

JHU_Ag_66016	SHIRPMWEDDANK	AGAP007172-PA,AGAP007172-PB	M6(Oxidation)	56	2.99E-05	1	1614.734	0.65	Ovary	2L:+:43819300-43819338;2L:+:43819300-43819338	exon=> In CDS Exon 2 of transcript AGAP007172-PA;exon=> In CDS Exon 2 of transcript AGAP007172-PB
JHU_Ag_85984	ISIWTADYDNR	AGAP007172-PA,AGAP007172-PB	-	73	8.19E-07	2	1353.645	1.23	Male reproductive organs	2L:+:43819552-43819555,43819633-43819661;2L:+:43819552-43819555,43819633-43819661	exon=> In CDS Exon 3 and 4 of transcript AGAP007172-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007172-PB
JHU_Ag_90090	AAVLDIGR	AGAP007172-PA,AGAP007172-PB	-	35	0.003551075	2	814.479	1.14	Ovary	2L:+:43819662-43819685;2L:+:43819662-43819685	exon=> In CDS Exon 4 of transcript AGAP007172-PA;exon=> In CDS Exon 4 of transcript AGAP007172-PB
JHU_Ag_90819	HPLQHTWTLWYLEVDR	AGAP007172-PA,AGAP007172-PB	-	102	7.21E-10	1	2094.071	7.35	Ovary	2L:+:43819123-43819170;2L:+:43819123-43819170	exon=> In CDS Exon 2 of transcript AGAP007172-PA;exon=> In CDS Exon 2 of transcript AGAP007172-PB
JHU_Ag_103684	AAVLDIGR	AGAP007172-PA,AGAP007172-PB	-	38	0.001442639	2	814.477	-1.4	Salivary gland	2L:+:43819662-43819685;2L:+:43819662-43819685	exon=> In CDS Exon 4 of transcript AGAP007172-PA;exon=> In CDS Exon 4 of transcript AGAP007172-PB
JHU_Ag_1309	TPLIQLSPK	AGAP007175-PA	-	65	5.39E-07	2	996.611	2.47	Larva	2L:+:43855918-43855944	exon=> In CDS Exon 5 of transcript AGAP007175-PA
JHU_Ag_8843	TPLIQLSPK	AGAP007175-PA	-	46	4.38E-05	2	996.611	1.98	Head	2L:+:43855918-43855944	exon=> In CDS Exon 5 of transcript AGAP007175-PA
JHU_Ag_61162	LLNMVYNLKPEEQLQLFNQLK	AGAP007175-PA	M4(Oxidation)	73	1.76E-07	1	2591.412	8.53	Head	2L:+:43856544-43856555,43856625-43856675	exon=> In CDS Exon 7 and 8 of transcript AGAP007175-PA
JHU_Ag_64979	FGLPTVR	AGAP007180-PA	-	31	0.007623278	1	789.462	0.53	Head	2L:+:44049676-44049696	exon=> In CDS Exon 6 of transcript AGAP007180-PA
JHU_Ag_36044	SSLELLIQR	AGAP007186-PA	Q8(Deamidated)	33	0.005729972	2	1059.601	-3.19	Head	2L:-:44108530-44108504	exon=> In CDS Exon 6 of transcript AGAP007186-PA
JHU_Ag_96086	SSLELLIQR	AGAP007186-PA	Q8(Deamidated)	41	0.001180669	1	1059.594	-9.64	Male reproductive organs	2L:-:44108530-44108504	exon=> In CDS Exon 6 of transcript AGAP007186-PA
JHU_Ag_2152	VDIDEHTDLALDYEVQSVPVLLAIR	AGAP007201-PA	-	36	0.001846388	1	2823.483	1.79	Visceras	2L:+:44269436-44269510	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_12563	LVGLQDTDKLR	AGAP007201-PA	-	63	4.39E-06	1	1257.718	1.59	Visceras	2L:+:44269532-44269564	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_17210	LVGLQDTDKLR	AGAP007201-PA	-	48	0.000164553	1	1257.717	0.62	Midgut	2L:+:44269532-44269564	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_17221	VQSPEEFNEK	AGAP007201-PA	-	38	0.001797982	1	1206.563	-0.7	Ovary	2L:+:44269101-44269130	exon=> In CDS Exon 1 of transcript AGAP007201-PA
JHU_Ag_17440	VQSPEEFNEKVR	AGAP007201-PA	-	69	2.45E-06	1	1461.737	2.35	Malpighian tubule	2L:+:44269101-44269136	exon=> In CDS Exon 1 of transcript AGAP007201-PA
JHU_Ag_17792	NSKDPVIVDFFATWCAPCR	AGAP007201-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	106	3.27E-10	2	2283.078	4.07	Visceras	2L:+:44269137-44269174,44269269-44269287	exon=> In CDS Exon 1 and 2 of transcript AGAP007201-PA
JHU_Ag_20577	LVGLQDTDKLR	AGAP007201-PA	-	67	2.02E-06	1	1257.717	0.71	Malpighian tubule	2L:+:44269532-44269564	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_20718	LVGLQDTDKLR	AGAP007201-PA	-	42	0.000693914	1	1257.716	0.13	Ovary	2L:+:44269532-44269564	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_45612	TWVQNVVGK	AGAP007201-PA	-	52	8.03E-05	2	1030.570	2.36	Visceras	2L:+:44269565-44269591	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_56850	IETVIGENEGK	AGAP007201-PA	-	68	2.81E-06	1	1188.611	-0.17	Ovary	2L:+:44269303-44269335	exon=> In CDS Exon 2 of transcript AGAP007201-PA
JHU_Ag_65186	VQSPEEFNEK	AGAP007201-PA	-	44	0.000495205	1	1206.562	-1.11	Head	2L:+:44269101-44269130	exon=> In CDS Exon 1 of transcript AGAP007201-PA

JHU_Ag_68534	LVGLQDTDKLR	AGAP007201-PA	-	59	1.33E-05	1	1257.715	-0.65	Head	2L:+:44269532-44269564	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_84332	IETVIGENEGK	AGAP007201-PA	-	75	4.83E-07	1	1188.612	1.33	Visceras	2L:+:44269303-44269335	exon=> In CDS Exon 2 of transcript AGAP007201-PA
JHU_Ag_85510	IETVIGENEGKIK	AGAP007201-PA	-	68	1.54E-06	1	1429.789	-0.63	Malpighian tubule	2L:+:44269303-44269341	exon=> In CDS Exon 2 of transcript AGAP007201-PA
JHU_Ag_103723	NSKDPVIVDFFATWCAPCR	AGAP007201-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	91	1.07E-08	2	2283.086	7.49	Malpighian tubule	2L:+:44269137-44269174,44269269-44269287	exon=> In CDS Exon 1 and 2 of transcript AGAP007201-PA
JHU_Ag_110594	IETVIGENEGK	AGAP007201-PA	-	60	1.65E-05	2	1188.613	1.78	Malpighian tubule	2L:+:44269303-44269335	exon=> In CDS Exon 2 of transcript AGAP007201-PA
JHU_Ag_111066	TWVQNVVGK	AGAP007201-PA	-	49	0.000152597	1	1030.569	0.94	Ovary	2L:+:44269565-44269591	exon=> In CDS Exon 3 of transcript AGAP007201-PA
JHU_Ag_2393	EALEYLDTWGK	AGAP007202-PA	-	56	3.97E-05	2	1324.644	1.39	Salivary gland	2L:-:44270185-44270153	exon=> In CDS Exon 2 of transcript AGAP007202-PA
JHU_Ag_9987	EALEYLDTWGK	AGAP007202-PA	-	47	0.000286315	2	1324.642	-0.37	Ovary	2L:-:44270185-44270153	exon=> In CDS Exon 2 of transcript AGAP007202-PA
JHU_Ag_39646	DLLTAK	AGAP007202-PA	-	43	0.000459485	1	660.394	1.29	Salivary gland	2L:-:44270017-44270000	exon=> In CDS Exon 2 of transcript AGAP007202-PA
JHU_Ag_111157	GNGVAAAKPEK	AGAP007202-PA	N2(Deamidated)	38	0.001569596	1	1042.552	-0.62	Salivary gland	2L:-:44270497-44270465	exon=> In CDS Exon 2 of transcript AGAP007202-PA
JHU_Ag_262	IENVNDNPPR	AGAP007203-PB,AGAP007203-PA	-	43	0.000779498	2	1167.578	2.64	Salivary gland	2L:+:44297812-44297841;2L:+:44297812-44297841	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_1366	IIAEDNSPSALYR	AGAP007203-PB,AGAP007203-PA	-	115	4.88E-11	1	1448.742	2.64	Malpighian tubule	2L:+:44297428-44297466;2L:+:44297428-44297466	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_19375	VTILDINDNPPVFDK	AGAP007203-PB,AGAP007203-PA	-	73	6.68E-07	2	1699.892	0.92	Ovary	2L:+:44296510-44296554;2L:+:44296510-44296554	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_31086	VLDENDIIPVFTEVTSGTIPEDEPPGTPVMQVR	AGAP007203-PB,AGAP007203-PA	M30(Oxidation)	82	7.50E-08	1	3610.787	0.9	Malpighian tubule	2L:+:44297176-44297274;2L:+:44297176-44297274	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_37447	IIAEDNSPSALYR	AGAP007203-PB,AGAP007203-PA	-	68	2.96E-06	1	1448.741	2.3	Pupa	2L:+:44297428-44297466;2L:+:44297428-44297466	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_41607	TPATVNIFLEDINDNAPR	AGAP007203-PB,AGAP007203-PA	-	100	1.40E-09	1	2000.012	1.75	Malpighian tubule	2L:+:44298112-44298165;2L:+:44298112-44298165	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_45889	VTASDPDPRQTIEYSFVTTPGER	AGAP007203-PB,AGAP007203-PA	-	54	4.73E-05	1	2566.265	9.02	Malpighian tubule	2L:+:44296291-44296359;2L:+:44296291-44296359	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_51254	IIAEDNSPSALYR	AGAP007203-PB,AGAP007203-PA	-	64	6.67E-06	2	1448.737	-0.48	Midgut	2L:+:44297428-44297466;2L:+:44297428-44297466	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_53021	TPATVNIFLEDINDNAPR	AGAP007203-PB,AGAP007203-PA	-	97	3.46E-09	2	2000.011	1.17	Ovary	2L:+:44298112-44298165;2L:+:44298112-44298165	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_58915	VTILDINDNPPVFDK	AGAP007203-PB,AGAP007203-PA	-	114	5.39E-11	1	1699.893	1.92	Malpighian tubule	2L:+:44296510-44296554;2L:+:44296510-44296554	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_61698	IIAEDNSPSALYR	AGAP007203-PB,AGAP007203-PA	-	68	3.10E-06	2	1448.735	-1.91	Head	2L:+:44297428-44297466;2L:+:44297428-44297466	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA

JHU_Ag_63355	LDYETIR	AGAP007203-PB,AGAP007203-PA	-	37	0.002384561	1	909.469	1.33	Malpighian tubule	2L:+:44297725-44297745;2L:+:44297725-44297745	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_63994	NSHDLVAETVLK	AGAP007203-PB,AGAP007203-PA	-	44	0.000371987	2	1325.705	-0.85	Head	2L:+:44297134-44297169;2L:+:44297134-44297169	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_68304	AYDLDGTPANNIVSYRFDDENQQLFHIDSR	AGAP007203-PB,AGAP007203-PA	-	56	3.12E-05	1	3513.665	9.75	Malpighian tubule	2L:+:44297275-44297364;2L:+:44297275-44297364	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_74088	VTILDINDNPPVFDK	AGAP007203-PB,AGAP007203-PA	-	98	1.99E-09	1	1699.901	6.45	Salivary gland	2L:+:44296510-44296554;2L:+:44296510-44296554	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_75030	IENVNDNPPR	AGAP007203-PB,AGAP007203-PA	-	65	3.85E-06	1	1167.576	0.24	Malpighian tubule	2L:+:44297812-44297841;2L:+:44297812-44297841	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_75593	KTPATVNIFLEDINDNAPR	AGAP007203-PB,AGAP007203-PA	-	44	0.000454084	1	2128.101	-1.31	Malpighian tubule	2L:+:44298109-44298165;2L:+:44298109-44298165	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_93718	IIAEDNSPSALYR	AGAP007203-PB,AGAP007203-PA	-	74	6.35E-07	1	1448.739	0.7	Salivary gland	2L:+:44297428-44297466;2L:+:44297428-44297466	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_95558	IENVNDNPPR	AGAP007203-PB,AGAP007203-PA	-	62	9.92E-06	2	1167.577	1.39	Pupa	2L:+:44297812-44297841;2L:+:44297812-44297841	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_98133	QTIEYSFVTTPGER	AGAP007203-PB,AGAP007203-PA	-	87	2.76E-08	1	1627.797	0.62	Malpighian tubule	2L:+:44296318-44296359;2L:+:44296318-44296359	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_108104	IIAEDNSPSALYR	AGAP007203-PB,AGAP007203-PA	-	79	2.23E-07	1	1448.740	1.38	Ovary	2L:+:44297428-44297466;2L:+:44297428-44297466	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_114474	FDDENQQLFHIDSR	AGAP007203-PB,AGAP007203-PA	-	51	7.41E-05	1	1763.799	0.49	Malpighian tubule	2L:+:44297323-44297364;2L:+:44297323-44297364	exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_19272	EANVSSSSLQDLER	AGAP007206-PA	-	51	0.000137052	2	1534.737	1.67	Male reproductive organs	2L:-:44286531-44286490	exon=> In CDS Exon 2 of transcript AGAP007206-PA
JHU_Ag_66300	EANVSSSSLQDLER	AGAP007206-PA	-	72	1.03E-06	1	1534.736	1.19	Malpighian tubule	2L:-:44286531-44286490	exon=> In CDS Exon 2 of transcript AGAP007206-PA
JHU_Ag_68101	TLALCALGR	AGAP007206-PA	C5(Carbamidomethyl)	47	0.000245109	2	974.544	-0.75	Ovary	2L:-:44286678-44286652	exon=> In CDS Exon 2 of transcript AGAP007206-PA
JHU_Ag_77228	TLALCALGR	AGAP007206-PA	C5(Carbamidomethyl)	58	2.02E-05	2	974.544	-1.25	Male reproductive organs	2L:-:44286678-44286652	exon=> In CDS Exon 2 of transcript AGAP007206-PA
JHU_Ag_92032	ACHHLGDADLALDLFK	AGAP007206-PA	C2(Carbamidomethyl)	101	1.29E-09	1	1795.892	6.94	Malpighian tubule	2L:-:44287101-44287054	exon=> In CDS Exon 2 of transcript AGAP007206-PA
JHU_Ag_102357	ACHHLGDADLALDLFK	AGAP007206-PA	C2(Carbamidomethyl)	74	6.05E-07	1	1795.884	2.18	Salivary gland	2L:-:44287101-44287054	exon=> In CDS Exon 2 of transcript AGAP007206-PA
JHU_Ag_115880	LEDVVPIFR	AGAP007206-PA	-	52	8.48E-05	1	1087.615	0.1	Ovary	2L:-:44286651-44286625	exon=> In CDS Exon 2 of transcript AGAP007206-PA
JHU_Ag_51629	VLDENDIIPVFTEVTSGTIPENEPPGTPVMQVR	AGAP007207-PA	N22(Deamidated), M30(Oxidation)	82	7.50E-08	1	3610.787	0.9	Malpighian tubule	2L:+:44307986-44308084	exon=> In CDS Exon 1 of transcript AGAP007207-PA
JHU_Ag_7608	HQSVDFFDLNR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	57	2.89E-05	1	1377.660	4.13	Ovary	2L:+:44309426-44309458;2L:+:44309458-44298648;2L:+:44298616-44298648	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA

JHU_Ag_15087	AYNVDPQGEAVQDAEVDVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	107	2.52E-10	1	2046.964	1.15	Malpighian tubule	2L:+:44307590-44307646;2L:+:44296780-44296836;2L:+:44296780-44296836	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_16140	IFVYNYKGESPNTEVGR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	37	0.003819777	1	1972.977	0.39	Ovary	2L:+:44309306-44309356;2L:+:44298496-44298546;2L:+:44298496-44298546	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_18657	HQSVDFFDLNR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	52	8.79E-05	2	1377.656	0.67	Head	2L:+:44309426-44309458;2L:+:44298616-44298648;2L:+:44298616-44298648	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_22073	LPVQDFLALELVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	85	8.55E-09	1	1484.873	0.32	Ovary	2L:+:44310302-44310340;2L:+:44299492-44299530;2L:+:44299492-44299530	exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_32316	LTAEDVDEAQNGPPFHFSIDPNAPYEIK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	109	1.59E-10	1	3114.465	-1.34	Head	2L:+:44309036-44309119;2L:+:44298226-44298309;2L:+:44298226-44298309	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_41286	INENNGLLTLTKPVDR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	75	1.72E-07	1	1796.988	0.73	Ovary	2L:+:44307509-44307556;2L:+:44296699-44296746;2L:+:44296699-44296746	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_42942	SPGQYYSIR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	49	0.000121145	1	1070.527	0.33	Malpighian tubule	2L:+:44307557-44307583;2L:+:44296747-44296773;2L:+:44296747-44296773	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_48800	AYNVDPQGEAVQDAEVDVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	95	3.97E-09	2	2046.961	-0.1	Ovary	2L:+:44307590-44307646;2L:+:44296780-44296836;2L:+:44296780-44296836	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_49104	LTAEDVDEAQNGPPFHFSIDPNAPYEIK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	87	2.69E-08	1	3114.464	-1.57	Malpighian tubule	2L:+:44309036-44309119;2L:+:44298226-44298309;2L:+:44298226-44298309	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_51697	AYNVDPQGEAVQDAEVDVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	94	5.66E-09	2	2046.964	1.33	Salivary gland	2L:+:44307590-44307646;2L:+:44296780-44296836;2L:+:44296780-44296836	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_56028	FQVQNDELYALVEFDR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	Q4(Deamidated),Q2(Deamidated)	47	0.000356059	2	1986.963	9.56	Pupa	2L:+:44309126-44309173;2L:+:44298316-44298363;2L:+:44298316-44298363	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA

JHU_Ag_64075	LTAEDVDEAQNGPPFHFSIDPNAPYEIK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	107	2.54E-10	1	3114.467	-0.75	Ovary	2L:+:44309036-44309119;2L:+:44298226-44298309;2L:+:44298226-44298309	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_66079	VYVDDPDDWDLPDKTFMWDDATR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	28	0.007985332	1	2815.225	2.06	Ovary	2L:+:44309357-44309425;2L:+:44298547-44298615;2L:+:44298547-44298615	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_66436	IFVYNYKGESPNTEVGR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	37	0.003400551	1	1972.986	4.66	Malpighian tubule	2L:+:44309306-44309356;2L:+:44298496-44298546;2L:+:44298496-44298546	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_67115	LTAEDVDEAQNGPPFHFSIDPNAPYEIKER	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	51	0.000108369	1	3399.616	0.86	Head	2L:+:44309036-44309125;2L:+:44298226-44298315;2L:+:44298226-44298315	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_74689	ISDSGEEPMSDVSILQLVIGDDNDNEMRPGESR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	M9(Oxidation), M27(Oxidation)	73	3.83E-07	3	3636.624	-0.94	Head	2L:+:44309207-44309305;2L:+:44298397-44298495;2L:+:44298397-44298495	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_74880	STGDITTAHIFDRDEPIR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	83	7.66E-08	1	2044.004	-2.9	Head	2L:+:44307191-44307244;2L:+:44296381-44296434;2L:+:44296381-44296434	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_75370	VATISATDMDDGDNSIIK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	M9(Oxidation)	89	2.01E-08	1	1881.880	2.58	Malpighian tubule	2L:+:44307413-44307466;2L:+:44296603-44296656;2L:+:44296603-44296656	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_76107	LPVQDFLALELVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	90	2.73E-09	1	1484.874	1.14	Salivary gland	2L:+:44310302-44310340;2L:+:44299492-44299530;2L:+:44299492-44299530	exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_79624	LTAEDVDEAQNGPPFHFSIDPNAPYEIKER	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	88	1.96E-08	1	3399.637	7.04	Malpighian tubule	2L:+:44309036-44309125;2L:+:44298226-44298315;2L:+:44298226-44298315	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_80483	LPVQDFLALELVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	45	6.94E-05	2	1484.886	9.28	Head	2L:+:44310302-44310340;2L:+:44299492-44299530;2L:+:44299492-44299530	exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_87503	LPVQDFLALELVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	87	6.60E-09	2	1484.871	-0.75	Midgut	2L:+:44310302-44310340;2L:+:44299492-44299530;2L:+:44299492-44299530	exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA

JHU_Ag_91089	VATISATDMDDGDNSIIK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	M9(Oxidation)	71	1.10E-06	1	1881.881	3.1	Head	2L:+:44307413-44307466;2L:+:44296603-44296656;2L:+:44296603-44296656	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_97764	STGDITTAHIFDR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	63	1.04E-05	1	1433.698	-2.5	Salivary gland	2L:+:44307191-44307229;2L:+:44296381-44296419;2L:+:44296381-44296419	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_99022	HQSVDFFDLNR	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	53	6.72E-05	2	1377.657	1.73	Malpighian tubule	2L:+:44309426-44309458;2L:+:44298616-44298648;2L:+:44298616-44298648	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_107295	LPVQDFLALELVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	94	1.07E-09	1	1484.873	0.32	Malpighian tubule	2L:+:44310302-44310340;2L:+:44299492-44299530;2L:+:44299492-44299530	exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_112407	AYNVDPQGEAVQDAEVDVK	AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	122	9.41E-12	1	2046.969	3.84	Head	2L:+:44307590-44307646;2L:+:44296780-44296836;2L:+:44296780-44296836	exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_1223	YDFTLTQER	AGAP007208-PA	-	68	1.44E-06	1	1172.560	1.78	Malpighian tubule	2L:-:44327948-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_1321	YALAGGLGWSTVEVMMVSKPK	AGAP007208-PA	M16(Oxidation),M15(Oxidation),"M15(Oxidation),M16(Oxidation)"	66	2.83E-06	2	2240.148	0.9	Midgut	2L:-:44328320-44328258	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_5013	ANYYDKPEGDDLFGK	AGAP007208-PA	-	94	4.50E-09	1	1731.789	1.66	Midgut	2L:-:44328383-44328339	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_5106	NVVSGLVAGLIFSVAGALKK	AGAP007208-PA	-	36	3.90E-05	1	1943.173	2.32	Head	2L:-:44328083-44328024	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_6188	ANYYDKPEGDDLFGK	AGAP007208-PA	-	116	2.83E-11	1	1731.787	0.74	Head	2L:-:44328383-44328339	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_7260	ANYYDKPEGDDLFGK	AGAP007208-PA	-	103	5.36E-10	1	1731.790	2.5	Visceras	2L:-:44328383-44328339	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_8754	NVVSGLVAGLIFSVAGALK	AGAP007208-PA	-	114	3.35E-12	1	1815.076	1.11	Ovary	2L:-:44328083-44328027	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_8975	YDFTLTQER	AGAP007208-PA	-	73	4.35E-07	1	1172.558	-0.09	Male reproductive organs	2L:-:44327948-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_13143	HHAVSSINPNRYDFTLTQER	AGAP007208-PA	-	55	4.65E-05	1	2385.172	1.01	Male reproductive organs	2L:-:44327981-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_13451	HHAVSSINPNR	AGAP007208-PA	-	72	1.22E-06	1	1231.624	-4.07	Head	2L:-:44327981-44327949	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_17896	YALAGGLGWSTVEVMMVSKPK	AGAP007208-PA	M16(Oxidation),M15(Oxidation)	79	1.46E-07	1	2224.153	1.08	Head	2L:-:44328320-44328258	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_20606	NVVSGLVAGLIFSVAGALK	AGAP007208-PA	-	153	4.47E-16	1	1815.070	-2.31	Midgut	2L:-:44328083-44328027	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_26523	QSVDEGWEFFPEVK	AGAP007208-PA	-	107	3.49E-10	2	1696.791	3.04	Visceras	2L:-:44328023-44327982	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_29817	GYLPTIAR	AGAP007208-PA	-	42	0.000563754	2	890.512	2.52	Visceras	2L:-:44328257-44328234	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_30891	GRDDAWNYVAGAFAAGGVYGAWK	AGAP007208-PA	-	63	6.63E-06	1	2402.145	5.47	Visceras	2L:-:44328155-44328087	exon=> In CDS Exon 1 of transcript AGAP007208-PA

JHU_Ag_35847	NVVSGLVAGLIFSVAGALKK	AGAP007208-PA	-	143	2.60E-15	1	1943.159	-4.99	Midgut	2L:-:44328083-44328024	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_39431	HHAVSSINPNRYDFTLTQER	AGAP007208-PA	-	80	1.45E-07	1	2385.172	1.16	Head	2L:-:44327981-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_49504	YALAGGLGWSTVEVMMVSKPK	AGAP007208-PA	-	50	0.000110701	1	2224.155	1.82	Visceras	2L:-:44328320-44328258	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_56396	ANYYDKPEGDDLFGK	AGAP007208-PA	-	108	1.76E-10	1	1731.787	0.53	Male reproductive organs	2L:-:44328383-44328339	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_57049	YDFTLTQER	AGAP007208-PA	-	74	3.44E-07	1	1172.559	0.64	Ovary	2L:-:44327948-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_59482	HHAVSSINPNRYDFTLTQER	AGAP007208-PA	-	67	3.69E-06	1	2385.170	0.32	Midgut	2L:-:44327981-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_59816	QSVDEGWEFFPEVK	AGAP007208-PA	-	92	1.06E-08	1	1696.788	1.75	Head	2L:-:44328023-44327982	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_61764	YDFTLTQER	AGAP007208-PA	-	80	1.04E-07	1	1172.555	-2.8	Midgut	2L:-:44327948-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_62153	HHAVSSINPNRYDFTLTQER	AGAP007208-PA	-	33	0.007943818	1	2385.176	2.62	Ovary	2L:-:44327981-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_66646	NVVSGLVAGLIFSVAGALKK	AGAP007208-PA	-	21	0.000732825	1	1943.177	4.11	Visceras	2L:-:44328083-44328024	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_82329	SLKANYYDKPEGDDLFGK	AGAP007208-PA	N-Term(Acetyl)	87	2.82E-08	1	2102.012	2.08	Malpighian tubule	2L:-:44328392-44328339	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_83380	YDFTLTQER	AGAP007208-PA	-	70	1.04E-06	1	1172.560	1.68	Visceras	2L:-:44327948-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_84124	YVYFTGPFVGMASAFTVGAYAANKLR	AGAP007208-PA	M11(Oxidation)	34	0.004986611	1	2817.425	6.51	Malpighian tubule	2L:-:44328233-44328156	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_88151	YVYFTGPFVGMASAFTVGAYAANK	AGAP007208-PA	M11(Oxidation)	69	2.12E-06	2	2548.228	2.46	Head	2L:-:44328233-44328162	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_94183	YDFTLTQER	AGAP007208-PA	-	36	0.00260715	1	1172.558	-0.45	Head	2L:-:44327948-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_95576	QSVDEGWEFFPEVK	AGAP007208-PA	-	99	1.67E-09	2	1696.785	-0.48	Midgut	2L:-:44328023-44327982	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_96215	GRDDAWNYVAGAFAAGGVYGAWK	AGAP007208-PA	-	84	6.30E-08	1	2402.135	1.5	Head	2L:-:44328155-44328087	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_98579	QSVDEGWEFFPEVK	AGAP007208-PA	-	43	0.000831107	1	1696.789	2.04	Malpighian tubule	2L:-:44328023-44327982	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_104276	HHAVSSINPNR	AGAP007208-PA	-	72	1.27E-06	1	1231.631	1.88	Visceras	2L:-:44327981-44327949	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_105604	HHAVSSINPNR	AGAP007208-PA	-	34	0.008057421	1	1231.628	-0.8	Midgut	2L:-:44327981-44327949	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_114141	HHAVSSINPNRYDFTLTQER	AGAP007208-PA	-	68	2.86E-06	1	2385.173	1.55	Visceras	2L:-:44327981-44327922	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_114888	GRDDAWNYVAGAFAAGGVYGAWK	AGAP007208-PA	-	66	3.67E-06	3	2402.132	0.06	Midgut	2L:-:44328155-44328087	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_116259	KQSVDEGWEFFPEVK	AGAP007208-PA	-	52	9.89E-05	2	1824.882	1.16	Midgut	2L:-:44328026-44327982	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_117729	ANYYDKPEGDDLFGK	AGAP007208-PA	N2(Deamidated)	106	3.20E-10	1	1731.790	2.29	Malpighian tubule	2L:-:44328383-44328339	exon=> In CDS Exon 1 of transcript AGAP007208-PA
JHU_Ag_9117	DNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C18(Carbamidomethyl), C19(Carbamidomethyl)	138	2.48E-13	2	2387.126	7.38	Larva	2L:-:44332203-44332326,44331811-44332057;2L:-:44332203-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB

JHU_Ag_20243	VFENRDNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	N10(Deamidated), C23(Carbamidomethyl), C24(Carbamidomethyl),"N7(Deamidated), C23(Carbamidomethyl), C24(Carbamidomethyl)","N4(Deamidated), C23(Carbamidomethyl), C24(Carbamidomethyl)","C23(Carbamidomethyl), C24(Carbamidomethyl)"	126	3.24E-12	1	3032.431	0.01	Midgut	2L:-:44332218-44332326,44331811-44332057;2L:-:44332218-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_39191	RSFLDYGVASFPQSCCSSGGTAPLCVPFASGCLSR	AGAP007209-PA,AGAP007209-PB	C15(Carbamidomethyl), C16(Carbamidomethyl), C25(Carbamidomethyl), C32(Carbamidomethyl)	52	4.64E-05	1	3798.714	0.21	Midgut	2L:-:44332056-44331952;2L:-:44332056-44331952	exon=> In CDS Exon 4 of transcript AGAP007209-PA;exon=> In CDS Exon 4 of transcript AGAP007209-PB
JHU_Ag_44075	DNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	N10(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl),"Q13(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl)","C18(Carbamidomethyl), C19(Carbamidomethyl)","Q14(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl)"	129	1.61E-12	2	2387.108	0.22	Head	2L:-:44332203-44332326,44331811-44332057;2L:-:44332203-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_45762	DNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C18(Carbamidomethyl), C19(Carbamidomethyl)	157	3.01E-15	1	2387.117	3.8	Malpighian tubule	2L:-:44332203-44332326,44331811-44332057;2L:-:44332203-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB

JHU_Ag_53959	DNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	Q13(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl),"N15(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl)","Q17(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl)","C18(Carbamidomethyl), C19(Carbamidomethyl)","N10(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl)","Q14(Deamidated), C18(Carbamidomethyl), C19(Carbamidomethyl)"	138	2.12E-13	2	2387.107	-0.39	Midgut	2L:-:44332203-44332326,44331811-44332057;2L:-:44332203-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_66154	VFENRDNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C23(Carbamidomethyl), C24(Carbamidomethyl)	127	3.08E-12	1	3032.436	1.58	Visceras	2L:-:44332218-44332326,44331811-44332057;2L:-:44332218-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_70476	DNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C18(Carbamidomethyl), C19(Carbamidomethyl)	139	1.80E-13	1	2387.111	1.45	Salivary gland	2L:-:44332203-44332326,44331811-44332057;2L:-:44332203-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_82229	DNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C18(Carbamidomethyl), C19(Carbamidomethyl)	118	2.29E-11	2	2387.110	1.04	Visceras	2L:-:44332203-44332326,44331811-44332057;2L:-:44332203-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_93434	VFENRDNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C23(Carbamidomethyl), C24(Carbamidomethyl)	150	1.57E-14	1	3032.438	2.06	Malpighian tubule	2L:-:44332218-44332326,44331811-44332057;2L:-:44332218-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_105415	VFENRDNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C23(Carbamidomethyl), C24(Carbamidomethyl)	109	1.70E-10	1	3032.431	-0.05	Head	2L:-:44332218-44332326,44331811-44332057;2L:-:44332218-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB

JHU_Ag_117558	VFENRDNPVNADLVNSIQQNLQCCGK	AGAP007209-PA,AGAP007209-PB	C23(Carbamidomethyl), C24(Carbamidomethyl)	53	7.57E-05	3	3032.437	1.76	Salivary gland	2L:-:44332218-44332326,44331811-44332057;2L:-:44332218-44332326,44331824-44332057	exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007209-PB
JHU_Ag_74131	ELTPLSPVTIGNPTPHSSTKPPIPLKPVVPR	AGAP007210-PA	-	75	3.15E-08	1	3269.860	-0.51	Head	2L:-:44345214-44345122	exon=> In CDS Exon 5 of transcript AGAP007210-PA
JHU_Ag_31126	HLVQIHQPEFPFNVTDR	AGAP007211-PA	-	51	9.27E-05	1	2077.064	1.31	Head	2L:+:44362187-44362237	exon=> In CDS Exon 3 of transcript AGAP007211-PA
JHU_Ag_43648	TNLATTVLQLK	AGAP007212-PA	-	49	4.32E-05	2	1201.715	-0.49	Ovary	2L:-:44363842-44363810	exon=> In CDS Exon 2 of transcript AGAP007212-PA
JHU_Ag_89134	GDEVKVK	AGAP007212-PA	-	39	0.002065253	1	774.438	3.58	Malpighian tubule	2L:-:44365675-44365655	exon=> In CDS Exon 2 of transcript AGAP007212-PA
JHU_Ag_74733	AQALATYLEGPLK	AGAP007213-PA	-	72	4.25E-07	2	1374.763	-0.04	Head	2L:+:44367783-44367821	exon=> In CDS Exon 2 of transcript AGAP007213-PA
JHU_Ag_569	FWTNAPEHVFNIAR	AGAP007214-PA	-	53	7.74E-05	1	1701.853	1.88	Male reproductive organs	2L:-:44368795-44368754	exon=> In CDS Exon 1 of transcript AGAP007214-PA
JHU_Ag_78263	NVLQIVYEIQNR	AGAP007214-PA	-	66	2.48E-06	1	1488.819	1.39	Male reproductive organs	2L:-:44368390-44368355	exon=> In CDS Exon 1 of transcript AGAP007214-PA
JHU_Ag_4302	VVYYFTDKEGTFR	AGAP007215-PA	-	37	0.003212503	1	1624.802	1.01	Malpighian tubule	2L:-:44370535-44370497	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_14693	TNHRVPEGLPEEAALASGR	AGAP007215-PA	-	129	1.80E-12	1	2004.030	2.26	Ovary	2L:-:44370622-44370566	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_16684	LIDPLGEMLEQR	AGAP007215-PA	M8(Oxidation)	85	4.55E-08	1	1429.735	-0.42	Malpighian tubule	2L:-:44371159-44371124	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_25460	SFVRPSGTEDIVR	AGAP007215-PA	-	44	0.000548 09	1	1462.764	-0.33	Midgut	2L:-:44369896-44369858	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_26416	IATLLAGYLK	AGAP007215-PA	-	35	0.000254719	2	1062.657	1.16	Pupa	2L:-:44370478-44370449	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_26585	VPEGLPEEAALASGR	AGAP007215-PA	-	83	5.54E-08	1	1495.775	-0.08	Midgut	2L:-:44370610-44370566	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_29501	SHADNLDYVMYR	AGAP007215-PA	M10(Oxidation)	50	7.52E-05	2	1499.661	1.78	Midgut	2L:-:44371588-44371687,44369741-44371262	exon=> In CDS Exon 2 and 1 of transcript AGAP007215-PA
JHU_Ag_37653	VVVAPAGLQDSINEIVAK	AGAP007215-PA	-	77	6.48E-08	2	1823.033	3.28	Pupa	2L:-:44369965-44369912	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_50584	VPEGLPEEAALASGR	AGAP007215-PA	-	97	2.36E-09	1	1495.775	-0.24	Malpighian tubule	2L:-:44370610-44370566	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_51549	LIDPLGEMLEQR	AGAP007215-PA	M8(Oxidation)	86	3.65E-08	1	1429.735	-0.24	Midgut	2L:-:44371159-44371124	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_55643	ANAVQLAFEVANLVFDQAGGVGSRPVK	AGAP007215-PA	-	43	0.000331036	1	2757.481	4.5	Malpighian tubule	2L:-:44369833-44369753	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_56944	IATLLAGYLK	AGAP007215-PA	-	57	1.54E-06	2	1062.657	1.16	Malpighian tubule	2L:-:44370478-44370449	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_65286	VVYYFTDKEGTFR	AGAP007215-PA	-	83	6.79E-08	1	1624.803	1.47	Midgut	2L:-:44370535-44370497	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_66622	NQLYYDGANGVGSLK	AGAP007215-PA	N9(Deamidated)	45	0.000448554	2	1599.760	-3.38	Pupa	2L:-:44370766-44370722	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_67919	WEQLATDLVNVPDSGLEAQVAK	AGAP007215-PA	-	86	3.52E-08	2	2383.213	-0.49	Midgut	2L:-:44371123-44371058	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_93501	IATLLAGYLK	AGAP007215-PA	-	41	5.45E-05	2	1062.654	-1.72	Midgut	2L:-:44370478-44370449	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_93996	VVVAPAGLQDSINEIVAK	AGAP007215-PA	-	123	1.84E-12	1	1823.029	0.74	Midgut	2L:-:44369965-44369912	exon=> In CDS Exon 2 of transcript AGAP007215-PA

JHU_Ag_95197	AVVNGILALK	AGAP007215-PA	-	48	2.53E-05	2	997.640	-0.87	Malpighian tubule	2L:-:44370967-44370938	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_95713	TNHRVPEGLPEEAALASGR	AGAP007215-PA	-	72	8.41E-07	1	2004.039	6.47	Midgut	2L:-:44370622-44370566	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_99651	VVVAPAGLQDSINEIVAK	AGAP007215-PA	-	73	1.71E-07	2	1823.032	2.28	Head	2L:-:44369965-44369912	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_101361	VVVAPAGLQDSINEIVAK	AGAP007215-PA	-	35	0.000859733	2	1823.035	4.02	Ovary	2L:-:44369965-44369912	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_112444	SFVRPSGTEDIVR	AGAP007215-PA	-	52	8.86E-05	1	1462.771	3.84	Malpighian tubule	2L:-:44369896-44369858	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_115573	VVVAPAGLQDSINEIVAK	AGAP007215-PA	-	139	3.99E-14	1	1823.033	2.88	Malpighian tubule	2L:-:44369965-44369912	exon=> In CDS Exon 2 of transcript AGAP007215-PA
JHU_Ag_85739	NTLYK	AGAP007216-PA,AGAP000721-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA,AGAP002760-PA,AGAP013199-PA,AGAP000787-PA	-	34	0.002836933	1	638.350	-1.02	Midgut	2L:-:44373398-44373384;X:+:13135174-13135188;2L:+:44309963-44309977;2L:+:44299153-44299167;2L:+:44299153-44299167;2R:+:26785399-26785413;2R:-:57870174-57870160;X:+:14342199-14342213	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 2 of transcript AGAP000721-PA;exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA;exon=> In CDS Exon 2 of transcript AGAP002760-PA;exon=> In CDS Exon 1 of transcript AGAP013199-PA;exon=> In CDS Exon 12 of transcript AGAP000787-PA
JHU_Ag_16156	TYDLGLPSLAK	AGAP007216-PA,AGAP007203-PB,AGAP007203-PA	-	53	5.96E-05	2	1177.650	3.05	Malpighian tubule	2L:-:44372693-44372661;2L:+:44299858-44299890;2L:+:44299858-44299890	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_102157	TYDLGLPSLAK	AGAP007216-PA,AGAP007203-PB,AGAP007203-PA	-	34	0.002970774	1	1177.650	3.15	Pupa	2L:-:44372693-44372661;2L:+:44299858-44299890;2L:+:44299858-44299890	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_5456	AYDLDGTPANNIVSYR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	124	5.24E-12	1	1768.851	0.5	Malpighian tubule	2L:-:44375276-44375229;2L:+:44308085-44308132;2L:+:44297275-44297322;2L:+:44297275-44297322	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_9409	TPGQLTTPK	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	44	0.000413182	1	942.527	1.48	Malpighian tubule	2L:-:44373695-44373669;2L:+:44309666-44309692;2L:+:44298856-44298882;2L:+:44298856-44298882	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA

JHU_Ag_45905	DTGMITMLQGTR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	M4(Oxidation), M7(Oxidation)	57	1.94E-05	1	1355.629	-0.09	Malpighian tubule	2L:-:44373902-44373867;2L:+:44309459-44309494;2L:+:44298649-44298684;2L:+:44298649-44298684	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_55657	GLPVLLLDYGSGTIR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	70	4.12E-07	2	1573.899	2.67	Salivary gland	2L:-:44373020-44372976;2L:+:44310341-44310385;2L:+:44299531-44299575;2L:+:44299531-44299575	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_56953	GLPVLLLDYGSGTIR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	107	9.06E-11	1	1573.898	1.97	Ovary	2L:-:44373020-44372976;2L:+:44310341-44310385;2L:+:44299531-44299575;2L:+:44299531-44299575	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_61386	GLPVLLLDYGSGTIR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	101	3.67E-10	2	1573.894	-0.43	Midgut	2L:-:44373020-44372976;2L:+:44310341-44310385;2L:+:44299531-44299575;2L:+:44299531-44299575	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_73669	GLPVLLLDYGSGTIR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	58	6.96E-06	2	1573.895	0.27	Malpighian tubule	2L:-:44373020-44372976;2L:+:44310341-44310385;2L:+:44299531-44299575;2L:+:44299531-44299575	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_78649	AYDLDGTPANNIVSYR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	57	2.90E-05	2	1768.854	2.09	Ovary	2L:-:44375276-44375229;2L:+:44308085-44308132;2L:+:44297275-44297322;2L:+:44297275-44297322	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_92659	AYDLDGTPANNIVSYR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	77	3.25E-07	2	1768.855	2.5	Salivary gland	2L:-:44375276-44375229;2L:+:44308085-44308132;2L:+:44297275-44297322;2L:+:44297275-44297322	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 1 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA
JHU_Ag_115627	GLPVLLLDYGSGTIR	AGAP007216-PA,AGAP007207-PA,AGAP007203-PB,AGAP007203-PA	-	97	8.38E-10	2	1573.904	5.62	Larva	2L:-:44373020-44372976;2L:+:44310341-44310385;2L:+:44299531-44299575;2L:+:44299531-44299575	exon=> In CDS Exon 1 of transcript AGAP007216-PA;exon=> In CDS Exon 2 of transcript AGAP007207-PA;exon=> In CDS Exon 1 of transcript AGAP007203-PB;exon=> In CDS Exon 1 of transcript AGAP007203-PA

JHU_Ag_4897	VWHVPTSQTQLLLR	AGAP007217-PA	-	80	4.21E-08	1	1677.946	1.61	Salivary gland	2L:+:44380383-44380424	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_8161	VFNDHTALATGVR	AGAP007217-PA	-	78	1.87E-07	2	1400.731	2.3	Head	2L:+:44380994-44381032	exon=> In CDS Exon 4 of transcript AGAP007217-PA
JHU_Ag_14546	TPPIVRPKPPSATSIPATLK	AGAP007217-PA	-	33	0.000221 85	1	2071.227	-0.43	Midgut	2L:+:44379607-44379607,44379685-44379743	exon=> In CDS Exon 2 and 3 of transcript AGAP007217-PA
JHU_Ag_16133	VFNDHTALATGVR	AGAP007217-PA	-	94	5.08E-09	1	1400.728	0.03	Midgut	2L:+:44380994-44381032	exon=> In CDS Exon 4 of transcript AGAP007217-PA
JHU_Ag_21994	NATVFNKDTEQIVAVLK	AGAP007217-PA	-	69	8.30E-07	1	1890.035	1.06	Ovary	2L:+:44380248-44380298	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_32132	VADTAEYGLTSAQFHPDGLIFGTGTEDSQVK	AGAP007217-PA	-	208	1.86E-20	1	3254.552	0.97	Ovary	2L:+:44380545-44380637	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_33656	TVPEELVSQEK	AGAP007217-PA	-	35	0.004580 144	2	1258.655	2.18	Head	2L:+:44380092-44380124	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_43113	LQDKATVLTQER	AGAP007217-PA	-	83	5.49E-08	1	1401.774	3.06	Ovary	2L:+:44380041-44380076	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_43992	VFNDHTALATGVR	AGAP007217-PA	-	44	0.000538 12	1	1400.730	1.11	Malpighian tubule	2L:+:44380994-44381032	exon=> In CDS Exon 4 of transcript AGAP007217-PA
JHU_Ag_49338	VFNDHTALATGVR	AGAP007217-PA	-	97	3.02E-09	1	1400.729	0.56	Ovary	2L:+:44380994-44381032	exon=> In CDS Exon 4 of transcript AGAP007217-PA
JHU_Ag_52884	SGAIFER	AGAP007217-PA	-	43	0.001195 032	2	779.405	-0.11	Ovary	2L:+:44379499-44379519	exon=> In CDS Exon 2 of transcript AGAP007217-PA
JHU_Ag_55529	VADTAEYGLTSAQFHPDGLIFGTGTEDSQVK	AGAP007217-PA	-	175	3.37E-17	1	3254.559	3.22	Head	2L:+:44380545-44380637	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_60950	CHDGPVTGLSLHPTGDYVLSTSSDK	AGAP007217-PA	C1(Carbamidomethyl)	96	3.93E-09	1	2643.236	0.28	Head	2L:+:44380425-44380499	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_61878	VIFHPEEDTVITGSPDCNIR	AGAP007217-PA	C17(Carbamidomethyl)	99	1.67E-09	1	2299.112	4.32	Ovary	2L:+:44380323-44380382	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_62503	TPPIVRPKPPSATSIPATLK	AGAP007217-PA	-	107	7.82E-12	1	2071.231	1.78	Malpighian tubule	2L:+:44379607-44379607,44379685-44379743	exon=> In CDS Exon 2 and 3 of transcript AGAP007217-PA
JHU_Ag_63454	TVPEELVSQEKLR	AGAP007217-PA	-	47	0.000144 646	2	1527.838	0.27	Malpighian tubule	2L:+:44380092-44380130	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_63614	VFNDHTALATGVR	AGAP007217-PA	-	57	2.76E-05	2	1400.730	1.6	Pupa	2L:+:44380994-44381032	exon=> In CDS Exon 4 of transcript AGAP007217-PA
JHU_Ag_64076	TPPIVRPKPPSATSIPATLK	AGAP007217-PA	-	100	3.84E-11	1	2071.230	0.98	Ovary	2L:+:44379607-44379607,44379685-44379743	exon=> In CDS Exon 2 and 3 of transcript AGAP007217-PA
JHU_Ag_74381	DTEQIVAVLK	AGAP007217-PA	-	83	6.97E-08	2	1115.630	-0.71	Ovary	2L:+:44380269-44380298	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_74683	SLVCSISNEVPEHPCISPK	AGAP007217-PA	N-Term(Acetyl), C4(Carbamidomethyl), C15(Carbamidomethyl)	99	2.07E-09	1	2195.048	0.45	Ovary	2L:+:44379312-44379327,44379458-44379498	exon=> In CDS Exon 1 and 2 of transcript AGAP007217-PA
JHU_Ag_74886	TVPEELVSQEK	AGAP007217-PA	-	41	0.001056 484	1	1258.653	0.43	Ovary	2L:+:44380092-44380124	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_75912	ATVLTQER	AGAP007217-PA	-	37	0.003772 931	2	917.507	2.13	Ovary	2L:+:44380053-44380076	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_76290	HAQYIASTSMDR	AGAP007217-PA	M10(Oxidation)	67	2.05E-06	1	1395.631	-0.92	Ovary	2L:+:44381042-44381077	exon=> In CDS Exon 4 of transcript AGAP007217-PA
JHU_Ag_77603	VWHVPTSQTQLLLR	AGAP007217-PA	-	40	0.000360 83	1	1677.949	3.14	Malpighian tubule	2L:+:44380383-44380424	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_80287	DLCFDQSGTYLSIAGTDIR	AGAP007217-PA	C3(Carbamidomethyl)	40	0.001451 589	2	2132.010	6.34	Head	2L:+:44380830-44380885,44380960-44380960	exon=> In CDS Exon 3 and 4 of transcript AGAP007217-PA

JHU_Ag_83221	VWHVPTSQTQLLLR	AGAP007217-PA	-	70	3.25E-07	1	1677.948	2.7	Ovary	2L:+:44380383-44380424	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_87392	GFLTLASHPGLHSASVPGILALDINHSDQSK	AGAP007217-PA	-	144	2.37E-14	1	3182.669	3.11	Ovary	2L:+:44380131-44380223	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_88592	TPPIVRPKPPSATSIPATLK	AGAP007217-PA	-	87	7.91E-10	1	2071.228	0.36	Head	2L:+:44379607-44379607,44379685-44379743	exon=> In CDS Exon 2 and 3 of transcript AGAP007217-PA
JHU_Ag_96856	VADTAEYGLTSAQFHPDGLIFGTGTEDSQVK	AGAP007217-PA	-	160	1.13E-15	1	3254.553	1.2	Malpighian tubule	2L:+:44380545-44380637	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_96956	TVPEELVSQEKLR	AGAP007217-PA	-	56	1.62E-05	1	1527.842	2.51	Ovary	2L:+:44380092-44380130	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_98677	CHDGPVTGLSLHPTGDYVLSTSSDK	AGAP007217-PA	C1(Carbamidomethyl)	75	4.22E-07	1	2643.244	3.19	Ovary	2L:+:44380425-44380499	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_99784	QELSHALYQHDAACR	AGAP007217-PA	C14(Carbamidomethyl)	35	0.004222897	1	1798.834	2.73	Ovary	2L:+:44379816-44379860	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_100756	TPPIVRPKPPSATSIPATLK	AGAP007217-PA	-	24	0.002000841	1	2071.233	2.57	Salivary gland	2L:+:44379607-44379607,44379685-44379743	exon=> In CDS Exon 2 and 3 of transcript AGAP007217-PA
JHU_Ag_102790	QELSHALYQHDAACR	AGAP007217-PA	C14(Carbamidomethyl)	69	1.61E-06	1	1798.832	1.44	Malpighian tubule	2L:+:44379816-44379860	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_105920	YIVENECDPINGQPLTAEELIDVK	AGAP007217-PA	C7(Carbamidomethyl)	111	1.09E-10	1	2759.348	1.3	Ovary	2L:+:44379535-44379606	exon=> In CDS Exon 2 of transcript AGAP007217-PA
JHU_Ag_113056	VIFHPEEDTVITGSPDCNIR	AGAP007217-PA	C17(Carbamidomethyl)	91	1.36E-08	2	2299.105	1.13	Malpighian tubule	2L:+:44380323-44380382	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_116298	TIQLDDGYEVK	AGAP007217-PA	-	80	1.63E-07	1	1280.638	0.55	Ovary	2L:+:44380797-44380829	exon=> In CDS Exon 3 of transcript AGAP007217-PA
JHU_Ag_2254	EEGEVAGDDGLDEDFK	AGAP007218-PA	-	98	5.91E-10	2	1724.716	1.19	Head	2L:+:44382126-44382173	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_7516	SGFQAVTSK	AGAP007218-PA	-	68	1.83E-06	2	924.479	0.33	Ovary	2L:+:44383029-44383055	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_12160	AEDDAIFDPSLMKK	AGAP007218-PA	N-Term(Acetyl), M12(Oxidation)	51	0.00011745	1	1637.775	1.53	Ovary	2L:+:44381530-44381544,44381853-44381879	exon=> In CDS Exon 1 and 2 of transcript AGAP007218-PA
JHU_Ag_12616	SGFQAVTSK	AGAP007218-PA	-	66	3.07E-06	2	924.479	0.2	Salivary gland	2L:+:44383029-44383055	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_22294	KKPFNLDELEGALPSGAGEGDADAK	AGAP007218-PA	-	88	2.48E-08	1	2529.248	0.61	Ovary	2L:+:44382042-44382116	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_29269	LFFLQCESCGSR	AGAP007218-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	62	5.26E-06	2	1503.675	2.25	Male reproductive organs	2L:+:44382972-44383007	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_29622	TSFANFTEICK	AGAP007218-PA	C10(Carbamidomethyl)	76	2.60E-07	1	1317.619	3.34	Salivary gland	2L:+:44382732-44382764	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_31953	VFEIILDKNPEMAGGR	AGAP007218-PA	M12(Oxidation)	61	1.08E-05	1	1804.930	1.97	Midgut	2L:+:44382630-44382677	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_33162	EEGEVAGDDGLDEDFK	AGAP007218-PA	-	71	3.03E-07	2	1724.713	-0.16	Ovary	2L:+:44382126-44382173	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_33806	SPDTILQK	AGAP007218-PA	-	64	7.28E-06	1	901.499	0.19	Ovary	2L:+:44382939-44382962	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_34877	VFEIILDKNPEMAGGR	AGAP007218-PA	M12(Oxidation)	71	1.26E-06	1	1804.936	5.15	Male reproductive organs	2L:+:44382630-44382677	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_35674	AEDDAIFDPSLMKK	AGAP007218-PA	N-Term(Acetyl), M12(Oxidation)	72	1.09E-06	1	1637.774	0.86	Malpighian tubule	2L:+:44381530-44381544,44381853-44381879	exon=> In CDS Exon 1 and 2 of transcript AGAP007218-PA
JHU_Ag_38588	SPDTILQK	AGAP007218-PA	-	61	1.54E-05	2	901.499	0.19	Salivary gland	2L:+:44382939-44382962	exon=> In CDS Exon 3 of transcript AGAP007218-PA

JHU_Ag_43746	AEDDAIFDPSLMK	AGAP007218-PA	N-Term(Acetyl), M12(Oxidation)	60	1.13E-05	2	1509.678	0.36	Ovary	2L:+:44381530-44381544,44381853-44381876	exon=> In CDS Exon 1 and 2 of transcript AGAP007218-PA
JHU_Ag_44265	KTSFANFTEICK	AGAP007218-PA	C11(Carbamidomethyl)	48	0.000252456	2	1445.711	1.11	Salivary gland	2L:+:44382729-44382764	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_48817	LFFLQCESCGSR	AGAP007218-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	74	4.14E-07	1	1503.678	4.03	Salivary gland	2L:+:44382972-44383007	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_50157	EEGEVAGDDGLDEDFK	AGAP007218-PA	-	65	1.30E-06	2	1724.716	1.26	Midgut	2L:+:44382126-44382173	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_53590	SGFQAVTSKR	AGAP007218-PA	-	70	1.14E-06	1	1080.582	2.22	Malpighian tubule	2L:+:44383029-44383058	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_55824	LFFLQCESCGSR	AGAP007218-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	73	4.41E-07	2	1503.672	0.14	Ovary	2L:+:44382972-44383007	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_63341	AEDDAIFDPSLMKK	AGAP007218-PA	N-Term(Acetyl), M12(Oxidation)	38	0.002789427	1	1637.775	1.16	Male reproductive organs	2L:+:44381530-44381544,44381853-44381879	exon=> In CDS Exon 1 and 2 of transcript AGAP007218-PA
JHU_Ag_72138	VFEIILDKNPEMAGGR	AGAP007218-PA	M12(Oxidation)	65	4.34E-06	1	1804.923	-1.96	Malpighian tubule	2L:+:44382630-44382677	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_72289	DLTELMEQELVDGKDPQDDEK	AGAP007218-PA	M6(Oxidation)	160	1.10E-15	1	2463.114	2.51	Head	2L:+:44382213-44382275	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_74247	TSFANFTEICK	AGAP007218-PA	C10(Carbamidomethyl)	71	8.54E-07	2	1317.617	1.95	Ovary	2L:+:44382732-44382764	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_79449	AEDDAIFDPSLMKK	AGAP007218-PA	N-Term(Acetyl)	53	8.13E-05	1	1621.780	1.57	Malpighian tubule	2L:+:44381530-44381544,44381853-44381879	exon=> In CDS Exon 1 and 2 of transcript AGAP007218-PA
JHU_Ag_86472	KPFNLDELEGALPSGAGEGDADAK	AGAP007218-PA	-	61	1.22E-05	1	2401.152	-0.01	Ovary	2L:+:44382045-44382116	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_87539	AEDDAIFDPSLMKK	AGAP007218-PA	N-Term(Acetyl), M12(Oxidation)	51	0.000135206	1	1637.778	3.47	Salivary gland	2L:+:44381530-44381544,44381853-44381879	exon=> In CDS Exon 1 and 2 of transcript AGAP007218-PA
JHU_Ag_88042	LFFLQCESCGSR	AGAP007218-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	82	5.38E-08	2	1503.671	-0.35	Head	2L:+:44382972-44383007	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_90686	DYTYDELLNR	AGAP007218-PA	-	55	3.18E-05	1	1301.602	0.58	Ovary	2L:+:44382600-44382629	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_92844	EEGEVAGDDGLDEDFK	AGAP007218-PA	-	45	0.000130853	2	1724.719	3.31	Malpighian tubule	2L:+:44382126-44382173	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_94170	VFEIILDKNPEMAGGR	AGAP007218-PA	M12(Oxidation)	83	7.15E-08	1	1804.934	4.47	Salivary gland	2L:+:44382630-44382677	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_95265	DYTYDELLNR	AGAP007218-PA	-	47	0.000166344	2	1301.603	1.52	Salivary gland	2L:+:44382600-44382629	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_102620	AEDDAIFDPSLMK	AGAP007218-PA	N-Term(Acetyl), M12(Oxidation)	41	0.000894742	2	1509.684	4.33	Salivary gland	2L:+:44381530-44381544,44381853-44381876	exon=> In CDS Exon 1 and 2 of transcript AGAP007218-PA
JHU_Ag_106508	DYTYDELLNR	AGAP007218-PA	-	45	0.000284067	1	1301.601	0.3	Head	2L:+:44382600-44382629	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_106531	VFEIILDKNPEMAGGR	AGAP007218-PA	M12(Oxidation)	101	1.18E-09	1	1804.926	-0.34	Ovary	2L:+:44382630-44382677	exon=> In CDS Exon 3 of transcript AGAP007218-PA
JHU_Ag_112454	TPFDLDAMAGAGEEPTEADAAVAPSEPKPLADGEDDLDLENFNK	AGAP007218-PA	M8(Oxidation)	164	2.85E-16	1	4589.072	1.08	Ovary	2L:+:44381895-44382026	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_117565	DLTELMEQELVDGK	AGAP007218-PA	M6(Oxidation)	117	3.39E-11	1	1635.784	3.41	Head	2L:+:44382213-44382254	exon=> In CDS Exon 2 of transcript AGAP007218-PA
JHU_Ag_7554	CIDFVR	AGAP007237-PA,AGAP007237-PB,AGAP000051-PA	C1(Carbamidomethyl)	41	0.000813116	2	809.395	-2.52	Pupa	2L:+:44501990-44502007;2L:+:44501990-44502007;X:+:839237-839254	exon=> In CDS Exon 9 of transcript AGAP007237-PA;exon=> In CDS Exon 3 of transcript AGAP007237-PB;exon=> In CDS Exon 4 of transcript AGAP000051-PA

JHU_Ag_2918	NLAFLECELR	AGAP007238-PA	C7(Carbamidomethyl)	39	0.001781967	1	1264.641	4.67	Malpighian tubule	2L:-:44505720-44505691	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_8926	VEEEHLNR	AGAP007238-PA	-	40	0.001481687	2	1025.497	-3.99	Head	2L:-:44505924-44505901	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_22475	NLAFLECELR	AGAP007238-PA	C7(Carbamidomethyl)	67	3.58E-06	1	1264.637	1.39	Ovary	2L:-:44505720-44505691	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_32944	LGDEVIIDANTVR	AGAP007238-PA	-	79	1.33E-07	1	1414.758	3.36	Malpighian tubule	2L:-:44505768-44505730	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_38074	NLAFLECELR	AGAP007238-PA	C7(Carbamidomethyl)	63	9.23E-06	2	1264.636	0.62	Head	2L:-:44505720-44505691	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_56723	NLAFLECELR	AGAP007238-PA	C7(Carbamidomethyl)	49	0.000232915	2	1264.636	0.33	Midgut	2L:-:44505720-44505691	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_61229	LGDEVIIDANTVR	AGAP007238-PA	-	105	3.70E-10	2	1414.753	-0.78	Midgut	2L:-:44505768-44505730	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_66583	LGDEVIIDANTVR	AGAP007238-PA	-	69	1.49E-06	2	1414.755	1.21	Head	2L:-:44505768-44505730	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_76228	AGGLHGGYTATIVDVVTTYALMTK	AGAP007238-PA	M22(Oxidation)	82	5.83E-08	1	2455.268	5.91	Visceras	2L:-:44505900-44505829	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_78961	NLAFLECELR	AGAP007238-PA	C7(Carbamidomethyl)	77	3.46E-07	1	1264.638	2.16	Visceras	2L:-:44505720-44505691	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_87044	LGDEVIIDANTVR	AGAP007238-PA	-	110	1.09E-10	1	1414.754	0.43	Visceras	2L:-:44505768-44505730	exon=> In CDS Exon 2 of transcript AGAP007238-PA
JHU_Ag_13184	LENNLK	AGAP007240-PA	N3(Deamidated), N4(Deamidated)	40	0.002926333	1	732.381	4.75	Larva	2L:-:44509399-44509382	exon=> In CDS Exon 2 of transcript AGAP007240-PA
JHU_Ag_31588	VVAANPK	AGAP007240-PA	-	36	0.001062809	1	698.420	0.12	Male reproductive organs	2L:-:44509806-44509786	exon=> In CDS Exon 1 of transcript AGAP007240-PA
JHU_Ag_85768	LQQEYQSLPLLTDTVPK	AGAP007240-PA	-	67	1.95E-06	2	1973.059	-0.27	Male reproductive organs	2L:-:44509468-44509418	exon=> In CDS Exon 2 of transcript AGAP007240-PA
JHU_Ag_92153	SIVNIYIHDENIYNVEK	AGAP007240-PA	N-Term(Acetyl)	120	1.56E-11	1	2105.054	-0.71	Male reproductive organs	2L:-:44510151-44510101	exon=> In CDS Exon 1 of transcript AGAP007240-PA
JHU_Ag_97083	VPQYLTR	AGAP007240-PA	-	47	0.000227211	2	876.494	0.02	Male reproductive organs	2L:-:44509683-44509663	exon=> In CDS Exon 1 of transcript AGAP007240-PA
JHU_Ag_100364	KPPEKPPKPPLYHSR	AGAP007240-PA	-	72	2.79E-07	1	1771.002	0.18	Male reproductive organs	2L:-:44510100-44510056	exon=> In CDS Exon 1 of transcript AGAP007240-PA
JHU_Ag_116149	KGDFHDLEK	AGAP007240-PA	-	41	0.001186065	2	1088.538	0.57	Male reproductive organs	2L:-:44509755-44509729	exon=> In CDS Exon 1 of transcript AGAP007240-PA
JHU_Ag_110760	RLSQNTTNLLR	AGAP007241-PA	-	37	0.002559584	1	1315.726	-13.4	Malpighian tubule	2L:+:44511526-44511558	exon=> In CDS Exon 1 of transcript AGAP007241-PA
JHU_Ag_3490	RLFLVQLHEK	AGAP007242-PA	-	26	0.00513077	3	1282.773	7.73	Ovary	2L:-:44513442-44513413	exon=> In CDS Exon 4 of transcript AGAP007242-PA
JHU_Ag_4298	LVAAPLFELYDNSQGYGPIISSLPQALCR	AGAP007242-PA	C28(Carbamidomethyl)	66	1.96E-06	1	3192.643	1.09	Ovary	2L:-:44512523-44512552,44512338-44512359	exon=> In CDS Exon 6 and 5 of transcript AGAP007242-PA
JHU_Ag_21345	LFLVQLHEK	AGAP007242-PA	-	31	0.0029799	1	1126.664	1.44	Ovary	2L:-:44513439-44513413	exon=> In CDS Exon 4 of transcript AGAP007242-PA
JHU_Ag_78745	LFLVQLHEK	AGAP007242-PA	-	40	0.000463171	1	1126.662	-0.1	Male reproductive organs	2L:-:44513439-44513413	exon=> In CDS Exon 4 of transcript AGAP007242-PA
JHU_Ag_96316	RLLTETLGR	AGAP007242-PA	-	44	0.000224042	1	1058.632	0.73	Head	2L:-:44514544-44514655,44513412-44513566	exon=> In CDS Exon 4 and 3 of transcript AGAP007242-PA
JHU_Ag_6979	LPGGELSAGEDEVDGLK	AGAP007242-PA,AGAP007242-PB	-	92	7.63E-09	2	1685.833	5.85	Ovary	2L:-:44514595-44514545;2L:-:44514595-44514545	exon=> In CDS Exon 3 of transcript AGAP007242-PA;exon=> In CDS Exon 3 of transcript AGAP007242-PB

JHU_Ag_63249	TINLYPLTNYTFGTK	AGAP007242-PA,AGAP007242-PB	-	35	0.004552177	2	1745.911	-0.19	Head	2L:-:44515044-44515161,44514731-44514836;2L:-:44515044-44515161,44514731-44514836	exon=> In CDS Exon 2 and 1 of transcript AGAP007242-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007242-PB
JHU_Ag_71122	TSQAVNKTGSGWPR	AGAP007242-PA,AGAP007242-PB	N-Term(Acetyl)	55	5.68E-05	1	1530.770	2.66	Malpighian tubule	2L:-:44515158-44515117;2L:-:44515158-44515117	exon=> In CDS Exon 1 of transcript AGAP007242-PA;exon=> In CDS Exon 1 of transcript AGAP007242-PB
JHU_Ag_71917	LPGGELSAGEDEVDGLK	AGAP007242-PA,AGAP007242-PB	-	50	0.000161376	2	1685.822	-0.52	Midgut	2L:-:44514595-44514545;2L:-:44514595-44514545	exon=> In CDS Exon 3 of transcript AGAP007242-PA;exon=> In CDS Exon 3 of transcript AGAP007242-PB
JHU_Ag_72850	LPGGELSAGEDEVDGLKR	AGAP007242-PA,AGAP007242-PB	-	96	3.59E-09	1	1841.926	0.95	Ovary	2L:-:44514595-44514542;2L:-:44514595-44514542	exon=> In CDS Exon 3 of transcript AGAP007242-PA;exon=> In CDS Exon 3 of transcript AGAP007242-PB
JHU_Ag_93039	LPGGELSAGEDEVDGLKR	AGAP007242-PA,AGAP007242-PB	-	91	1.07E-08	1	1841.924	-0.24	Male reproductive organs	2L:-:44514595-44514542;2L:-:44514595-44514542	exon=> In CDS Exon 3 of transcript AGAP007242-PA;exon=> In CDS Exon 3 of transcript AGAP007242-PB
JHU_Ag_114910	LPGGELSAGEDEVDGLKR	AGAP007242-PA,AGAP007242-PB	-	80	1.34E-07	1	1841.927	1.36	Midgut	2L:-:44514595-44514542;2L:-:44514595-44514542	exon=> In CDS Exon 3 of transcript AGAP007242-PA;exon=> In CDS Exon 3 of transcript AGAP007242-PB
JHU_Ag_2473	ETSTMDVDPPRGEGFR	AGAP007243-PA	M5(Oxidation)	53	4.32E-05	1	1809.811	2.11	Ovary	2L:-:44517132-44517085	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_3369	TMLELLNQLDGFEATK	AGAP007243-PA	M2(Oxidation)	133	8.46E-13	1	1838.920	-0.31	Ovary	2L:-:44516334-44516287	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_11745	AVAHHTECTFIR	AGAP007243-PA	C8(Carbamidomethyl)	47	0.000261827	1	1441.695	-3.68	Head	2L:-:44516544-44516509	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_11799	AVAHHTECTFIR	AGAP007243-PA	C8(Carbamidomethyl)	103	7.92E-10	1	1441.703	1.54	Ovary	2L:-:44516544-44516509	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_13306	EHAPSIIFMDEIDSIGSSR	AGAP007243-PA	-	86	3.61E-08	1	2104.010	3.96	Malpighian tubule	2L:-:44516430-44516374	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_14675	VIMATNRIDILDPALLRPGR	AGAP007243-PA	-	59	1.20E-06	1	2234.283	1.25	Malpighian tubule	2L:-:44516277-44516218	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_17964	GVCTEAGMYALR	AGAP007243-PA	C3(Carbamidomethyl), M8(Oxidation)	63	3.74E-06	2	1343.611	1.65	Ovary	2L:-:44516067-44516032	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_24810	VALRNESYTLHK	AGAP007243-PA	-	67	2.14E-06	1	1430.779	3.03	Ovary	2L:-:44516808-44516773	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_25029	VHVTQEDFEMAVAK	AGAP007243-PA	M10(Oxidation)	66	3.66E-06	2	1619.778	2.88	Head	2L:-:44516022-44515981	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_25199	NIDINDVTPNCR	AGAP007243-PA	C11(Carbamidomethyl)	49	0.000147871	2	1430.673	2.76	Salivary gland	2L:-:44516844-44516809	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_26655	EVIELPVKHPELFDALGIAQPK	AGAP007243-PA	-	132	1.45E-13	1	2443.368	3.32	Salivary gland	2L:-:44516661-44516596	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_27032	VSGSELVQK	AGAP007243-PA	-	69	2.18E-06	1	946.520	-0.51	Malpighian tubule	2L:-:44516508-44516482	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_27447	FVVDIDKNIDINDVTPNCR	AGAP007243-PA	C18(Carbamidomethyl)	54	5.60E-05	1	2247.117	4.21	Malpighian tubule	2L:-:44516865-44516809	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_27457	IEELQLIVAEK	AGAP007243-PA	-	95	2.30E-09	1	1284.745	3.14	Salivary gland	2L:-:44517066-44517034	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_28143	IDILDPALLRPGR	AGAP007243-PA	-	44	4.99E-05	2	1448.862	2.6	Salivary gland	2L:-:44516256-44516218	exon=> In CDS Exon 1 of transcript AGAP007243-PA

JHU_Ag_30318	RVHVTQEDFEMAVAK	AGAP007243-PA	M11(Oxidation)	96	4.35E-09	1	1759.883	1.8	Malpighian tubule	2L:-:44516025-44515981	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_31434	EHAPSIIFMDEIDSIGSSR	AGAP007243-PA	M9(Oxidation)	62	1.08E-05	1	2120.011	6.65	Ovary	2L:-:44516430-44516374	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_35212	IAELMPGASGAEVK	AGAP007243-PA	M5(Oxidation)	88	2.70E-08	1	1388.709	-0.13	Malpighian tubule	2L:-:44516109-44516068	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_39616	TMLELLNQLDGFEATK	AGAP007243-PA	M2(Oxidation)	119	2.14E-11	2	1838.911	-5.42	Midgut	2L:-:44516334-44516287	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_39739	VSGSELVQK	AGAP007243-PA	-	64	6.73E-06	1	946.520	-0.26	Ovary	2L:-:44516508-44516482	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_39906	IDILDPALLRPGR	AGAP007243-PA	-	45	3.95E-05	1	1448.859	0.49	Malpighian tubule	2L:-:44516256-44516218	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_40291	VHVTQEDFEMAVAK	AGAP007243-PA	M10(Oxidation)	55	5.00E-05	1	1619.786	7.69	Salivary gland	2L:-:44516022-44515981	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_46745	IESGSGGDSEVQR	AGAP007243-PA	-	35	0.003246 33	1	1320.601	-1.27	Male reproductive organs	2L:-:44516373-44516335	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_51182	GVCTEAGMYALR	AGAP007243-PA	C3(Carbamidomethyl), M8(Oxidation)	62	4.47E-06	2	1343.612	2.56	Salivary gland	2L:-:44516067-44516032	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_53142	IDILDPALLRPGR	AGAP007243-PA	-	44	6.23E-05	1	1448.855	-2.29	Male reproductive organs	2L:-:44516256-44516218	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_54532	IDILDPALLRPGRIDR	AGAP007243-PA	-	39	0.000280 563	1	1833.075	2.62	Ovary	2L:-:44516256-44516209	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_55233	VSGSELVQK	AGAP007243-PA	-	60	1.45E-05	2	946.525	5.16	Salivary gland	2L:-:44516508-44516482	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_57798	GVCTEAGMYALRER	AGAP007243-PA	C3(Carbamidomethyl)	36	0.004185 299	1	1612.760	1.75	Malpighian tubule	2L:-:44516067-44516026	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_58276	IESGSGGDSEVQR	AGAP007243-PA	-	48	0.000186 696	2	1320.602	-0.26	Salivary gland	2L:-:44516373-44516335	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_63742	IDILDPALLRPGR	AGAP007243-PA	-	50	1.84E-05	1	1448.857	-1.35	Midgut	2L:-:44516256-44516218	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_63900	RVHVTQEDFEMAVAK	AGAP007243-PA	M11(Oxidation)	110	1.87E-10	1	1775.880	2.97	Salivary gland	2L:-:44516025-44515981	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_70284	HPELFDALGIAQPK	AGAP007243-PA	-	84	4.41E-08	2	1535.827	3.64	Head	2L:-:44516637-44516596	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_71238	VPDSTYEMVGGLDK	AGAP007243-PA	M8(Oxidation)	115	4.22E-11	1	1526.704	-0.47	Ovary	2L:-:44516721-44516680	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_71790	VPDSTYEMVGGLDK	AGAP007243-PA	M8(Oxidation)	101	9.78E-10	1	1526.707	1.69	Salivary gland	2L:-:44516721-44516680	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_72758	TMLELLNQLDGFEATK	AGAP007243-PA	M2(Oxidation)	89	1.73E-08	2	1838.930	5.33	Salivary gland	2L:-:44516334-44516287	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_77667	IEELQLIVAEK	AGAP007243-PA	-	87	1.40E-08	2	1284.742	0.57	Midgut	2L:-:44517066-44517034	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_78537	EHAPSIIFMDEIDSIGSSR	AGAP007243-PA	M9(Oxidation)	93	7.74E-09	1	2119.997	0.43	Head	2L:-:44516430-44516374	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_79597	IDILDPALLRPGR	AGAP007243-PA	-	50	1.34E-05	1	1448.859	0.49	Head	2L:-:44516256-44516218	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_81616	SYFVQKIEELQLIVAEK	AGAP007243-PA	-	55	1.01E-05	1	2037.136	4.55	Ovary	2L:-:44517084-44517034	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_85591	RVHVTQEDFEMAVAK	AGAP007243-PA	M11(Oxidation)	38	0.002591 488	1	1775.881	3.83	Ovary	2L:-:44516025-44515981	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_94230	IESGSGGDSEVQR	AGAP007243-PA	-	118	2.09E-11	1	1320.603	-0.07	Malpighian tubule	2L:-:44516373-44516335	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_96762	IEELQLIVAEK	AGAP007243-PA	-	92	4.69E-09	2	1284.744	2.19	Ovary	2L:-:44517066-44517034	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_98930	VPDSTYEMVGGLDK	AGAP007243-PA	M8(Oxidation)	71	9.58E-07	2	1526.707	1.77	Head	2L:-:44516721-44516680	exon=> In CDS Exon 1 of transcript AGAP007243-PA

JHU_Ag_99358	VALRNESYTLHK	AGAP007243-PA	-	45	0.000395401	2	1430.776	0.76	Malpighian tubule	2L:-:44516808-44516773	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_101789	EVIELPVKHPELFDALGIAQPK	AGAP007243-PA	-	107	4.17E-11	1	2443.370	4.15	Ovary	2L:-:44516661-44516596	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_104723	IDILDPALLRPGR	AGAP007243-PA	-	50	1.34E-05	1	1448.861	2	Ovary	2L:-:44516256-44516218	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_105715	IAELMPGASGAEVK	AGAP007243-PA	M5(Oxidation)	93	7.67E-09	1	1388.709	-0.3	Ovary	2L:-:44516109-44516068	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_106599	TMLELLNQLDGFEATK	AGAP007243-PA	M2(Oxidation)	111	1.10E-10	2	1838.934	7.19	Malpighian tubule	2L:-:44516334-44516287	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_111139	FVVDIDKNIDINDVTPNCR	AGAP007243-PA	C18(Carbamidomethyl)	104	6.01E-10	1	2247.113	2.48	Ovary	2L:-:44516865-44516809	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_112308	AVAHHTECTFIR	AGAP007243-PA	C8(Carbamidomethyl)	39	0.001918567	1	1441.701	0.38	Malpighian tubule	2L:-:44516544-44516509	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_113783	FVVDIDKNIDINDVTPNCR	AGAP007243-PA	C18(Carbamidomethyl)	50	0.00012283	1	2247.114	2.66	Salivary gland	2L:-:44516865-44516809	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_115441	EELQLLQEQGSYVGEVVKPMDK	AGAP007243-PA	M20(Oxidation)	49	0.000176087	1	2535.270	2.21	Salivary gland	2L:-:44516967-44516902	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_117239	ILPNKVDPLVSLMMVEK	AGAP007243-PA	M13(Oxidation), M14(Oxidation)	32	0.002914776	1	1958.080	5.03	Salivary gland	2L:-:44516772-44516722	exon=> In CDS Exon 1 of transcript AGAP007243-PA
JHU_Ag_4165	GVLLYGPPGTGK	AGAP007243-PA,AGAP000616-PA	-	61	7.94E-06	1	1158.654	1.89	Malpighian tubule	2L:-:44516595-44516560;X:-:11208544-11208509	exon=> In CDS Exon 1 of transcript AGAP007243-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_40714	GVLLYGPPGTGK	AGAP007243-PA,AGAP000616-PA	-	55	4.07E-05	2	1158.652	0.52	Salivary gland	2L:-:44516595-44516560;X:-:11208544-11208509	exon=> In CDS Exon 1 of transcript AGAP007243-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_54337	GVLLYGPPGTGK	AGAP007243-PA,AGAP000616-PA	-	51	6.75E-05	1	1158.655	2.52	Ovary	2L:-:44516595-44516560;X:-:11208544-11208509	exon=> In CDS Exon 1 of transcript AGAP007243-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_116850	GVLLYGPPGTGK	AGAP007243-PA,AGAP000616-PA	-	50	0.000131193	1	1158.652	0.37	Male reproductive organs	2L:-:44516595-44516560;X:-:11208544-11208509	exon=> In CDS Exon 1 of transcript AGAP007243-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_1653	VAFDFLLNGEFVR	AGAP007244-PA	N8(Deamidated)	96	3.98E-09	1	1527.785	0.28	Ovary	2L:-:44518734-44518696	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_8863	YPAPQPQDCLLHDDWVSAVQAK	AGAP007244-PA	C9(Carbamidomethyl)	141	1.36E-13	1	2538.205	-1.2	Ovary	2L:-:44518620-44518555	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_10609	TPVVTLAGHR	AGAP007244-PA	-	68	1.07E-06	1	1050.606	0.26	Ovary	2L:-:44518161-44518132	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_11346	LTIPGHVAAVK	AGAP007244-PA	-	45	2.87E-05	2	1105.673	0.14	Ovary	2L:-:44518485-44518453	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_16119	QYAVPDVPYSIR	AGAP007244-PA	-	50	0.000172125	1	1407.729	1.47	Ovary	2L:-:44518926-44518992,44517915-44518813	exon=> In CDS Exon 2 and 1 of transcript AGAP007244-PA
JHU_Ag_21834	NTYLGHSQWVQTCR	AGAP007244-PA	C13(Carbamidomethyl)	72	1.02E-06	1	1749.816	1.78	Ovary	2L:-:44517829-44517788	exon=> In CDS Exon 3 of transcript AGAP007244-PA
JHU_Ag_29738	ANVGCSELNTLLGTVLK	AGAP007244-PA	C5(Carbamidomethyl)	125	3.60E-12	1	1788.951	-0.78	Ovary	2L:-:44518812-44518762	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_30751	APIFELIGHEDK	AGAP007244-PA	-	68	1.75E-06	2	1368.716	-0.26	Midgut	2L:-:44517706-44517671	exon=> In CDS Exon 3 of transcript AGAP007244-PA
JHU_Ag_74390	APIFELIGHEDK	AGAP007244-PA	-	82	6.16E-08	1	1368.716	0.04	Ovary	2L:-:44517706-44517671	exon=> In CDS Exon 3 of transcript AGAP007244-PA

JHU_Ag_74505	YILSGGSDNAVR	AGAP007244-PA	-	55	6.23E-05	2	1251.633	0.41	Ovary	2L:-:44517640-44517605	exon=> In CDS Exon 3 of transcript AGAP007244-PA
JHU_Ag_75321	APIFELIGHEDKVLACDWSNPK	AGAP007244-PA	C16(Carbamidomethyl)	114	4.45E-11	1	2539.274	3.66	Ovary	2L:-:44517706-44517641	exon=> In CDS Exon 3 of transcript AGAP007244-PA
JHU_Ag_81023	STLSQHLK	AGAP007244-PA	-	44	0.000339699	1	913.509	-1.2	Ovary	2L:-:44518695-44518672	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_84780	TPVVTLAGHR	AGAP007244-PA	-	41	0.000492216	2	1050.605	-0.8	Midgut	2L:-:44518161-44518132	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_88777	WSTTNEYLFVSGAYDNR	AGAP007244-PA	-	77	2.68E-07	2	2022.922	1.5	Ovary	2L:-:44517787-44517737	exon=> In CDS Exon 3 of transcript AGAP007244-PA
JHU_Ag_89905	VAFDFLLNGEFVR	AGAP007244-PA	-	97	2.29E-09	2	1526.808	5	Malpighian tubule	2L:-:44518734-44518696	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_105138	GVGCIAVNPAK	AGAP007244-PA	C4(Carbamidomethyl)	81	7.56E-08	1	1085.577	-0.17	Ovary	2L:-:44518314-44518282	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_115944	SFFDLSYSPLNGMIITASPDK	AGAP007244-PA	M13(Oxidation)	117	3.07E-11	1	2319.128	3.04	Ovary	2L:-:44518008-44517946	exon=> In CDS Exon 2 of transcript AGAP007244-PA
JHU_Ag_3239	NRDPVTLDSLSIR	AGAP007246-PA	-	65	3.57E-06	1	1485.800	-1.28	Head	2L:-:44520343-44520305	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_8816	YYILPDSLPLETLLIDDAPK	AGAP007246-PA	-	136	1.84E-13	1	2289.229	1.1	Ovary	2L:-:44520289-44520230	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_33540	NGTQVHGTITGVDVAMNTHLK	AGAP007246-PA	M16(Oxidation),"Q4(Deamidated), M16(Oxidation)","N1(Deamidated), M16(Oxidation)"	145	5.48E-14	1	2210.086	-0.54	Ovary	2L:-:44520427-44520365	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_52232	YYILPDSLPLETLLIDDAPK	AGAP007246-PA	-	96	2.13E-09	1	2289.215	-4.87	Midgut	2L:-:44520289-44520230	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_68067	NRDPVTLDSLSIR	AGAP007246-PA	-	45	0.000350095	2	1485.800	-1.32	Midgut	2L:-:44520343-44520305	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_71059	DPVTLDSLSIR	AGAP007246-PA	-	74	7.05E-07	1	1215.659	0.71	Ovary	2L:-:44520337-44520305	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_77347	LSHETVTIELK	AGAP007246-PA	-	87	1.47E-08	1	1269.707	1.3	Ovary	2L:-:44520460-44520428	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_102920	NRDPVTLDSLSIR	AGAP007246-PA	-	40	0.001009607	2	1485.803	0.66	Male reproductive organs	2L:-:44520343-44520305	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_105201	NRDPVTLDSLSIR	AGAP007246-PA	-	78	1.56E-07	1	1485.804	1.43	Ovary	2L:-:44520343-44520305	exon=> In CDS Exon 2 of transcript AGAP007246-PA
JHU_Ag_5674	EFLCALSVTSR	AGAP007247-PC	C4(Carbamidomethyl)	60	1.11E-05	2	1282.648	1.13	Head	2L:+:44627988-44628020	exon=> In CDS Exon 3 of transcript AGAP007247-PC
JHU_Ag_14898	EFLCALSVTSR	AGAP007247-PC	C4(Carbamidomethyl)	75	4.26E-07	2	1282.649	2.47	Visceras	2L:+:44627988-44628020	exon=> In CDS Exon 3 of transcript AGAP007247-PC
JHU_Ag_33416	LSLEEFIEGAK	AGAP007247-PC	-	72	8.32E-07	1	1235.654	1.71	Head	2L:+:44628437-44628469	exon=> In CDS Exon 4 of transcript AGAP007247-PC
JHU_Ag_34053	QNTEFSDAEIQEWYK	AGAP007247-PC	-	122	5.43E-12	1	1887.840	0.15	Head	2L:+:44619892-44619910,44625548-44625573	exon=> In CDS Exon 1 and 2 of transcript AGAP007247-PC
JHU_Ag_41280	QEMLEIVTAIYK	AGAP007247-PC	-	68	1.83E-06	2	1437.769	2.34	Visceras	2L:+:44628093-44628116,44628326-44628337	exon=> In CDS Exon 3 and 4 of transcript AGAP007247-PC
JHU_Ag_46817	LKPEVLEDLK	AGAP007247-PC	-	46	0.000130346	1	1183.690	-2.94	Head	2L:+:44619862-44619891	exon=> In CDS Exon 1 of transcript AGAP007247-PC
JHU_Ag_52293	LSLEEFIEGAK	AGAP007247-PC	-	58	1.78E-05	2	1235.659	5.96	Larva	2L:+:44628437-44628469	exon=> In CDS Exon 4 of transcript AGAP007247-PC
JHU_Ag_54118	LKPEVLEDLKQNTEFSDAEIQEWYK	AGAP007247-PC	-	100	1.34E-09	1	3052.491	-7.96	Visceras	2L:+:44619862-44619910,44625548-44625573	exon=> In CDS Exon 1 and 2 of transcript AGAP007247-PC

JHU_Ag_62959	DCPSGHLSVEEFKK	AGAP007247-PC	C2(Carbamidomethyl)	65	5.02E-06	1	1632.771	1.36	Head	2L:+:44625586-44625627	exon=> In CDS Exon 2 of transcript AGAP007247-PC
JHU_Ag_74002	LSLEEFIEGAK	AGAP007247-PC	-	61	1.41E-05	1	1235.648	-2.83	Midgut	2L:+:44628437-44628469	exon=> In CDS Exon 4 of transcript AGAP007247-PC
JHU_Ag_75293	LSLEEFIEGAK	AGAP007247-PC	-	72	8.14E-07	1	1235.654	2.11	Visceras	2L:+:44628437-44628469	exon=> In CDS Exon 4 of transcript AGAP007247-PC
JHU_Ag_77853	FAEHVFR	AGAP007247-PC	-	50	0.000147127	1	905.461	-1.72	Head	2L:+:44627928-44627948	exon=> In CDS Exon 3 of transcript AGAP007247-PC
JHU_Ag_86545	TFDANGDGTIDFR	AGAP007247-PC	-	73	4.09E-07	1	1428.637	-1.78	Head	2L:+:44627949-44627987	exon=> In CDS Exon 3 of transcript AGAP007247-PC
JHU_Ag_93196	LSLEEFIEGAK	AGAP007247-PC	-	77	3.00E-07	1	1235.653	0.92	Ovary	2L:+:44628437-44628469	exon=> In CDS Exon 4 of transcript AGAP007247-PC
JHU_Ag_6874	YDESTIKEWYK	AGAP007248-PA	-	43	0.000676491	2	1461.686	-2.2	Head	2L:+:44577895-44577927	exon=> In CDS Exon 1 of transcript AGAP007248-PA
JHU_Ag_7544	EFLLAIDVTSSGTPEEK	AGAP007248-PA	-	42	0.000915931	2	1835.929	1.14	Head	2L:+:44604391-44604441	exon=> In CDS Exon 3 of transcript AGAP007248-PA
JHU_Ag_101178	MFFPSGNAEEFCDHVFR	AGAP007248-PA	M1(Oxidation), C12(Carbamidomethyl)	80	4.34E-08	1	2105.888	1.88	Head	2L:+:44590528-44590578	exon=> In CDS Exon 2 of transcript AGAP007248-PA
JHU_Ag_16229	MYDVDGNGVIDIQEMTK	AGAP007248-PB,AGAP007248-PA	-	83	6.19E-08	1	1927.880	1.29	Head	2L:+:44604460-44604510;2L:+:44604460-44604510	exon=> In CDS Exon 1 of transcript AGAP007248-PB;exon=> In CDS Exon 3 of transcript AGAP007248-PA
JHU_Ag_32166	MDENNDGQLTQDEFLK	AGAP007248-PB,AGAP007248-PA	M1(Oxidation)	91	4.48E-09	2	1912.823	-0.11	Midgut	2L:+:44610891-44610938;2L:+:44610891-44610938	exon=> In CDS Exon 2 of transcript AGAP007248-PB;exon=> In CDS Exon 4 of transcript AGAP007248-PA
JHU_Ag_54189	MDENNDGQLTQDEFLK	AGAP007248-PB,AGAP007248-PA	M1(Oxidation)	120	8.30E-12	1	1896.826	-1.12	Head	2L:+:44610891-44610938;2L:+:44610891-44610938	exon=> In CDS Exon 2 of transcript AGAP007248-PB;exon=> In CDS Exon 4 of transcript AGAP007248-PA
JHU_Ag_80365	GCLQDEELSK	AGAP007248-PB,AGAP007248-PA	C2(Carbamidomethyl)	44	0.000394297	2	1178.535	-0.64	Head	2L:+:44610939-44610968;2L:+:44610939-44610968	exon=> In CDS Exon 2 of transcript AGAP007248-PB;exon=> In CDS Exon 4 of transcript AGAP007248-PA
JHU_Ag_88397	IVQAIYDMLGACSSNKPADSAEER	AGAP007248-PB,AGAP007248-PA	C12(Carbamidomethyl),"M8(Oxidation), C12(Carbamidomethyl)"	130	1.56E-12	1	2625.237	3.15	Head	2L:+:44604511-44604519,44610807-44610869;2L:+:44604511-44604519,44610807-44610869	exon=> In CDS Exon 1 and 2 of transcript AGAP007248-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP007248-PA
JHU_Ag_40930	KLMYTLSNQIK	AGAP007249-PA	M3(Oxidation)	67	1.75E-06	2	1354.743	2.23	Visceras	2L:-:44639662-44639630	exon=> In CDS Exon 3 of transcript AGAP007249-PA
JHU_Ag_52105	LMYTLSNQIK	AGAP007249-PA	M2(Oxidation)	60	7.00E-06	1	1210.650	-0.39	Visceras	2L:-:44639659-44639630	exon=> In CDS Exon 3 of transcript AGAP007249-PA
JHU_Ag_40278	LYMSSTYR	AGAP007249-PB	M3(Oxidation)	35	0.003885015	2	1036.478	1.09	Visceras	2L:-:44638409-44638386	exon=> In CDS Exon 4 of transcript AGAP007249-PB
JHU_Ag_3607	MDDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	N-Term(Acetyl)	103	8.05E-10	2	1305.639	2.41	Visceras	2L:-:44640674-44640636;2L:-:44640674-44640636	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_4310	VNYYDDVIDYLDRR	AGAP007249-PB,AGAP007249-PA	N2(Deamidated)	84	5.25E-08	1	1818.873	3.79	Visceras	2L:-:44639972-44639931;2L:-:44639972-44639931	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_5796	DINDAYNYTSISHK	AGAP007249-PB,AGAP007249-PA	N3(Deamidated)	116	2.73E-11	1	1640.758	1.52	Visceras	2L:-:44639716-44639675;2L:-:44639716-44639675	exon=> In CDS Exon 3 of transcript AGAP007249-PB;exon=> In CDS Exon 3 of transcript AGAP007249-PA

JHU_Ag_9011	NKPGAKPLNIVDDFNR	AGAP007249-PB,AGAP007249-PA	-	117	2.02E-11	1	1797.965	2.33	Visceras	2L:-:44640635-44640588;2L:-:44640635-44640588	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_9359	MDDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	N-Term(Acetyl), M1(Oxidation)	118	2.46E-11	2	1321.633	2.07	Visceras	2L:-:44640674-44640636;2L:-:44640674-44640636	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_10789	DINDAYNYTSISHK	AGAP007249-PB,AGAP007249-PA	-	64	4.74E-06	2	1640.759	2.34	Malpighian tubule	2L:-:44639716-44639675;2L:-:44639716-44639675	exon=> In CDS Exon 3 of transcript AGAP007249-PB;exon=> In CDS Exon 3 of transcript AGAP007249-PA
JHU_Ag_12927	NKPGAKPLNIVDDFNRR	AGAP007249-PB,AGAP007249-PA	-	58	1.01E-05	1	1954.061	-0.48	Head	2L:-:44640635-44640585;2L:-:44640635-44640585	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_16865	HWVRPQFLQYNYMYDYR	AGAP007249-PB,AGAP007249-PA	M13(Oxidation)	89	1.44E-08	1	2395.110	1.08	Head	2L:-:44640566-44640674,44639860-44639973;2L:-:44640566-44640674,44639860-44639973	exon=> In CDS Exon 2 and 1 of transcript AGAP007249-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007249-PA
JHU_Ag_18021	VNYYDDVIDYLDRR	AGAP007249-PB,AGAP007249-PA	-	37	0.003008172	1	1818.871	2.89	Pupa	2L:-:44639972-44639931;2L:-:44639972-44639931	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_18572	VNYYDDVIDYLDR	AGAP007249-PB,AGAP007249-PA	-	99	1.47E-09	1	1662.770	3.2	Head	2L:-:44639972-44639934;2L:-:44639972-44639934	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_20655	MDDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	N-Term(Acetyl), M1(Oxidation)	51	0.000124112	2	1321.632	1.52	Malpighian tubule	2L:-:44640674-44640636;2L:-:44640674-44640636	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_21428	VNYYDDVIDYLDR	AGAP007249-PB,AGAP007249-PA	-	67	2.60E-06	2	1662.769	2.76	Malpighian tubule	2L:-:44639972-44639934;2L:-:44639972-44639934	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_21862	NKPGAKPLNIVDDFNR	AGAP007249-PB,AGAP007249-PA	-	119	1.29E-11	1	1797.962	0.84	Head	2L:-:44640635-44640588;2L:-:44640635-44640588	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_27076	VNYYDDVIDYLDR	AGAP007249-PB,AGAP007249-PA	-	82	6.39E-08	2	1662.762	-1.72	Midgut	2L:-:44639972-44639934;2L:-:44639972-44639934	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_31992	VNYYDDVIDYLDRR	AGAP007249-PB,AGAP007249-PA	-	67	2.74E-06	1	1818.878	6.61	Head	2L:-:44639972-44639931;2L:-:44639972-44639931	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_33625	DINDAYNYTSISHK	AGAP007249-PB,AGAP007249-PA	-	73	6.44E-07	1	1640.760	3.01	Midgut	2L:-:44639716-44639675;2L:-:44639716-44639675	exon=> In CDS Exon 3 of transcript AGAP007249-PB;exon=> In CDS Exon 3 of transcript AGAP007249-PA

JHU_Ag_38615	NKPGAKPLNIVDDFNRR	AGAP007249-PB,AGAP007249-PA	-	91	5.07E-09	1	1954.061	-0.64	Visceras	2L:-:44640635-44640585;2L:-:44640635-44640585	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_45369	MDDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	N-Term(Acetyl), M1(Oxidation)	106	3.93E-10	1	1321.630	-0.15	Head	2L:-:44640674-44640636;2L:-:44640674-44640636	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_47284	SRGVASEIPRPQTWAER	AGAP007249-PB,AGAP007249-PA	-	59	1.70E-05	1	1940.009	-0.31	Head	2L:-:44639930-44639880;2L:-:44639930-44639880	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_51213	HWVRPQFLQYNYMYDYR	AGAP007249-PB,AGAP007249-PA	M13(Oxidation)	87	2.15E-08	1	2395.114	2.77	Visceras	2L:-:44640566-44640674,44639860-44639973;2L:-:44640566-44640674,44639860-44639973	exon=> In CDS Exon 2 and 1 of transcript AGAP007249-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007249-PA
JHU_Ag_54373	DINDAYNYTSISHKK	AGAP007249-PB,AGAP007249-PA	-	97	3.07E-09	1	1768.850	0.03	Head	2L:-:44639716-44639672;2L:-:44639716-44639672	exon=> In CDS Exon 3 of transcript AGAP007249-PB;exon=> In CDS Exon 3 of transcript AGAP007249-PA
JHU_Ag_59314	SRGVASEIPRPQTWAER	AGAP007249-PB,AGAP007249-PA	-	45	0.000326442	1	1940.013	1.49	Visceras	2L:-:44639930-44639880;2L:-:44639930-44639880	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_66919	GVASEIPRPQTWAER	AGAP007249-PB,AGAP007249-PA	-	71	8.81E-07	1	1696.881	2.69	Visceras	2L:-:44639924-44639880;2L:-:44639924-44639880	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_70435	VNYYDDVIDYLDR	AGAP007249-PB,AGAP007249-PA	-	99	1.45E-09	1	1662.772	4.44	Visceras	2L:-:44639972-44639934;2L:-:44639972-44639934	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_71733	DINDAYNYTSISHK	AGAP007249-PB,AGAP007249-PA	-	112	6.74E-11	1	1640.758	1.52	Head	2L:-:44639716-44639675;2L:-:44639716-44639675	exon=> In CDS Exon 3 of transcript AGAP007249-PB;exon=> In CDS Exon 3 of transcript AGAP007249-PA
JHU_Ag_75837	DINDAYNYTSISHKK	AGAP007249-PB,AGAP007249-PA	-	104	5.46E-10	1	1768.855	2.65	Visceras	2L:-:44639716-44639672;2L:-:44639716-44639672	exon=> In CDS Exon 3 of transcript AGAP007249-PB;exon=> In CDS Exon 3 of transcript AGAP007249-PA
JHU_Ag_84476	VNYYDDVIDYLDRR	AGAP007249-PB,AGAP007249-PA	-	41	0.000915355	1	1818.867	0.57	Midgut	2L:-:44639972-44639931;2L:-:44639972-44639931	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_104829	GVASEIPRPQTWAER	AGAP007249-PB,AGAP007249-PA	-	69	1.39E-06	1	1696.881	2.3	Head	2L:-:44639924-44639880;2L:-:44639924-44639880	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_105383	DDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	N-Term(Acetyl)	62	1.39E-05	1	1174.597	1.68	Visceras	2L:-:44640671-44640636;2L:-:44640671-44640636	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA

JHU_Ag_108646	GVASEIPRPQTWAERVLR	AGAP007249-PB,AGAP007249-PA	-	36	0.001247665	1	2065.138	3.57	Visceras	2L:-:44639924-44639871;2L:-:44639924-44639871	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_109024	DDGAASTGVIVK	AGAP007249-PB,AGAP007249-PA	-	52	0.000120322	2	1132.587	1.84	Visceras	2L:-:44640671-44640636;2L:-:44640671-44640636	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_109583	NKPGAKPLNIVDDFNRR	AGAP007249-PB,AGAP007249-PA	-	32	0.00387743	1	1954.067	2.43	Malpighian tubule	2L:-:44640635-44640585;2L:-:44640635-44640585	exon=> In CDS Exon 1 of transcript AGAP007249-PB;exon=> In CDS Exon 1 of transcript AGAP007249-PA
JHU_Ag_112332	GVASEIPRPQTWAER	AGAP007249-PB,AGAP007249-PA	-	60	1.25E-05	1	1696.878	0.97	Malpighian tubule	2L:-:44639924-44639880;2L:-:44639924-44639880	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_116766	VNYYDDVIDYLDRR	AGAP007249-PB,AGAP007249-PA	-	37	0.002964417	1	1818.869	1.58	Malpighian tubule	2L:-:44639972-44639931;2L:-:44639972-44639931	exon=> In CDS Exon 2 of transcript AGAP007249-PB;exon=> In CDS Exon 2 of transcript AGAP007249-PA
JHU_Ag_1475	SKLSEQTAR	AGAP007250-PA,AGAP007250-PB	-	41	0.001163165	1	1019.550	1.6	Visceras	2L:-:44649067-44649041;2L:-:44649067-44649041	exon=> In CDS Exon 3 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PB
JHU_Ag_23404	NLLSQLQSDDALESYR	AGAP007250-PA,AGAP007250-PB	-	146	3.63E-14	1	1851.915	3.63	Visceras	2L:-:44649127-44649080;2L:-:44649127-44649080	exon=> In CDS Exon 3 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PB
JHU_Ag_28101	LQDIDQEMEEFEAK	AGAP007250-PA,AGAP007250-PB	-	56	2.31E-05	2	1724.770	1.15	Visceras	2L:-:44647643-44647602;2L:-:44647643-44647602	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_42173	QLLAETAAQDIVPASLSEHADGMK	AGAP007250-PA,AGAP007250-PB	M23(Oxidation)	94	5.48E-09	1	2511.246	2.47	Head	2L:-:44647565-44647494;2L:-:44647565-44647494	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_53082	VTTGVLK	AGAP007250-PA,AGAP007250-PB	-	31	0.005166304	2	717.450	-0.17	Head	2L:-:44647493-44647473;2L:-:44647493-44647473	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_57578	NLLSQLQSDDALESYR	AGAP007250-PA,AGAP007250-PB	Q5(Deamidated),Q7(Deamidated)	146	3.76E-14	1	1851.908	-0.13	Head	2L:-:44649127-44649080;2L:-:44649127-44649080	exon=> In CDS Exon 3 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PB
JHU_Ag_62736	LQDIDQEMEEFEAK	AGAP007250-PA,AGAP007250-PB	-	70	8.90E-07	2	1724.768	0.02	Malpighian tubule	2L:-:44647643-44647602;2L:-:44647643-44647602	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_64676	WKDETAESYASK	AGAP007250-PA,AGAP007250-PB	-	71	8.04E-07	1	1414.648	-0.05	Visceras	2L:-:44647703-44647668;2L:-:44647703-44647668	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_65917	LQDIDQEMEEFEAK	AGAP007250-PA,AGAP007250-PB	M8(Oxidation)	84	2.52E-08	1	1740.765	1.04	Male reproductive organs	2L:-:44647643-44647602;2L:-:44647643-44647602	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB

JHU_Ag_74273	NLLSQLQSDDALESYR	AGAP007250-PA,AGAP007250-PB	-	153	8.25E-15	1	1851.915	3.63	Male reproductive organs	2L:-:44649127-44649080;2L:-:44649127-44649080	exon=> In CDS Exon 3 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PB
JHU_Ag_86393	LQDIDQEMEEFEAK	AGAP007250-PA,AGAP007250-PB	M8(Oxidation)	121	6.27E-12	1	1724.771	1.64	Head	2L:-:44647643-44647602;2L:-:44647643-44647602	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_95867	QLLAETAAQDIVPASLSEHADGMK	AGAP007250-PA,AGAP007250-PB	M23(Oxidation)	107	2.73E-10	1	2511.250	4.15	Male reproductive organs	2L:-:44647565-44647494;2L:-:44647565-44647494	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_106893	WKDETAESYASK	AGAP007250-PA,AGAP007250-PB	-	66	2.65E-06	1	1414.647	-1.34	Head	2L:-:44647703-44647668;2L:-:44647703-44647668	exon=> In CDS Exon 4 of transcript AGAP007250-PA;exon=> In CDS Exon 3 of transcript AGAP007250-PB
JHU_Ag_3923	ASPFVSR	AGAP007250-PA,AGAP007250-PC	-	38	0.003063769	2	763.411	1.71	Visceras	2L:-:44653744-44653724;2L:-:44653744-44653724	exon=> In CDS Exon 2 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_6410	VYDANMSMVENNYR	AGAP007250-PA,AGAP007250-PC	M8(Oxidation),"M6(Oxidation), M8(Oxidation)"	110	5.36E-11	1	1705.733	1.26	Head	2L:-:44654149-44654108;2L:-:44654149-44654108	exon=> In CDS Exon 1 of transcript AGAP007250-PA;exon=> In CDS Exon 1 of transcript AGAP007250-PC
JHU_Ag_10398	EVKPR	AGAP007250-PA,AGAP007250-PC	-	32	0.004032364	1	628.378	-0.25	Head	2L:-:44653759-44653745;2L:-:44653759-44653745	exon=> In CDS Exon 2 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_39396	YDFNGADLDEELQVAR	AGAP007250-PA,AGAP007250-PC	N4(Deamidated)	116	3.43E-11	1	1854.855	2.29	Male reproductive organs	2L:-:44653723-44653676;2L:-:44653723-44653676	exon=> In CDS Exon 2 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_41118	YDFNGADLDEELQVAR	AGAP007250-PA,AGAP007250-PC	-	91	1.14E-08	2	1854.857	3.54	Malpighian tubule	2L:-:44653723-44653676;2L:-:44653723-44653676	exon=> In CDS Exon 2 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_70675	YDFNGADLDEELQVAR	AGAP007250-PA,AGAP007250-PC	N4(Deamidated)	135	4.46E-13	1	1854.857	3.67	Visceras	2L:-:44653723-44653676;2L:-:44653723-44653676	exon=> In CDS Exon 2 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_85960	VYDANMSMVENNYR	AGAP007250-PA,AGAP007250-PC	M6(Oxidation), M8(Oxidation)	99	5.79E-10	1	1737.726	3.3	Visceras	2L:-:44654149-44654108;2L:-:44654149-44654108	exon=> In CDS Exon 1 of transcript AGAP007250-PA;exon=> In CDS Exon 1 of transcript AGAP007250-PC
JHU_Ag_99274	YDFNGADLDEELQVAR	AGAP007250-PA,AGAP007250-PC	N4(Deamidated)	153	6.30E-15	1	1854.854	1.63	Head	2L:-:44653723-44653676;2L:-:44653723-44653676	exon=> In CDS Exon 2 of transcript AGAP007250-PA;exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_113993	VYDANMSMVENNYR	AGAP007250-PA,AGAP007250-PC	M6(Oxidation), M8(Oxidation)	103	1.89E-10	1	1737.719	-1.2	Male reproductive organs	2L:-:44654149-44654108;2L:-:44654149-44654108	exon=> In CDS Exon 1 of transcript AGAP007250-PA;exon=> In CDS Exon 1 of transcript AGAP007250-PC
JHU_Ag_9509	RSWVNHNNSVIYVVPLPSDASYFPR	AGAP007250-PC	-	48	0.000164754	1	2917.485	3.52	Visceras	2L:-:44653519-44653445	exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_21052	SWVNHNNSVIYVVPLPSDASYFPR	AGAP007250-PC	-	69	1.42E-06	1	2761.385	4.32	Head	2L:-:44653516-44653445	exon=> In CDS Exon 2 of transcript AGAP007250-PC

JHU_Ag_51102	RSWVNHNNSVIYVVPLPSDASYFPR	AGAP007250-PC	-	65	3.77E-06	1	2917.480	2.02	Head	2L:-:44653519-44653445	exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_53570	SSSLAPAPVSSALALEGEFDDQVR	AGAP007250-PC	-	97	3.23E-09	1	2446.219	3.82	Visceras	2L:-:44653612-44653541	exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_69798	SWVNHNNSVIYVVPLPSDASYFPR	AGAP007250-PC	N4(Deamidated),N7(Deamidated),N6(Deamidated)	46	0.000264898	1	2761.382	3.26	Visceras	2L:-:44653516-44653445	exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_106226	SSSLAPAPVSSALALEGEFDDQVR	AGAP007250-PC	-	122	1.02E-11	2	2446.211	0.6	Head	2L:-:44653612-44653541	exon=> In CDS Exon 2 of transcript AGAP007250-PC
JHU_Ag_13597	GACQGDSGGPLTIVR	AGAP007252-PA	C3(Carbamidomethyl)	66	3.61E-06	2	1487.730	1.83	Larva	2L:+:44662325-44662369	exon=> In CDS Exon 1 of transcript AGAP007252-PA
JHU_Ag_22762	IAFEQSGVR	AGAP007252-PA	-	39	0.001836924	2	1006.534	2.24	Larva	2L:+:44661992-44662018	exon=> In CDS Exon 1 of transcript AGAP007252-PA
JHU_Ag_58907	LSDVGNDFAGLIGTVSGFGR	AGAP007252-PA	-	168	2.34E-16	1	1982.006	4.17	Larva	2L:+:44662127-44662186	exon=> In CDS Exon 1 of transcript AGAP007252-PA
JHU_Ag_62740	FPGVVQPENICLSGDSGR	AGAP007252-PA	C11(Carbamidomethyl)	102	1.19E-09	1	1931.935	3.82	Larva	2L:+:44662271-44662324	exon=> In CDS Exon 1 of transcript AGAP007252-PA
JHU_Ag_88653	FSDSIQEASAILR	AGAP007252-PA	-	98	2.57E-09	1	1436.744	4.44	Larva	2L:+:44662187-44662225	exon=> In CDS Exon 1 of transcript AGAP007252-PA
JHU_Ag_100504	IQPVTLPR	AGAP007252-PA	-	27	0.002979142	1	923.572	4.69	Larva	2L:+:44662103-44662126	exon=> In CDS Exon 1 of transcript AGAP007252-PA
JHU_Ag_107991	YVNNPIQTNLACSVR	AGAP007252-PA	C12(Carbamidomethyl)	89	2.32E-08	1	1748.883	4.63	Larva	2L:+:44662226-44662270	exon=> In CDS Exon 1 of transcript AGAP007252-PA
JHU_Ag_17333	DYSSFEMKR	AGAP007254-PA	M7(Oxidation)	36	0.002110411	1	1178.521	4.97	Malpighian tubule	2L:-:44697644-44697618	exon=> In CDS Exon 2 of transcript AGAP007254-PA
JHU_Ag_47518	NPIAVK	AGAP007254-PA	-	32	0.000996166	1	641.398	0.4	Ovary	2L:-:44697521-44697504	exon=> In CDS Exon 2 of transcript AGAP007254-PA
JHU_Ag_66162	GKNPIAVK	AGAP007254-PA	-	33	0.001796639	2	826.514	-0.8	Ovary	2L:-:44697527-44697504	exon=> In CDS Exon 2 of transcript AGAP007254-PA
JHU_Ag_76273	FAVHWMPVEQAVANGMALLEELK	AGAP007254-PA	M6(Oxidation),Q10(Deamidated)	37	0.002607449	1	2600.307	6.79	Pupa	2L:-:44697407-44697339	exon=> In CDS Exon 2 of transcript AGAP007254-PA
JHU_Ag_92623	DVDYLPTLHHWEDK	AGAP007254-PA	-	63	7.52E-06	1	1767.842	4.87	Ovary	2L:-:44697746-44697705	exon=> In CDS Exon 2 of transcript AGAP007254-PA
JHU_Ag_93973	VSEETLALVPEQLVTK	AGAP007254-PA	-	37	0.001246734	1	1755.983	5	Malpighian tubule	2L:-:44698081-44698034	exon=> In CDS Exon 1 of transcript AGAP007254-PA
JHU_Ag_95516	VSEETLALVPEQLVTK	AGAP007254-PA	-	38	0.001141679	1	1755.979	2.98	Visceras	2L:-:44698081-44698034	exon=> In CDS Exon 1 of transcript AGAP007254-PA
JHU_Ag_110740	VSEETLALVPEQLVTK	AGAP007254-PA	-	37	0.001462703	1	1755.974	0.27	Ovary	2L:-:44698081-44698034	exon=> In CDS Exon 1 of transcript AGAP007254-PA
JHU_Ag_113591	ISGHVFSFLGTQFAR	AGAP007254-PA	-	92	7.64E-09	1	1666.872	1.08	Ovary	2L:-:44697575-44697531	exon=> In CDS Exon 2 of transcript AGAP007254-PA
JHU_Ag_22907	LGTYQTAENLGWTK	AGAP007255-PA	-	72	1.06E-06	2	1581.798	4.72	Malpighian tubule	2L:+:44703898-44703939	exon=> In CDS Exon 1 of transcript AGAP007255-PA
JHU_Ag_7573	AGCVYGTCINPDVCR	AGAP007256-PA	C3(Carbamidomethyl),C8(Carbamidomethyl),C14(Carbamidomethyl)	63	2.38E-06	2	1741.750	2.38	Malpighian tubule	2L:+:44719185-44719229	exon=> In CDS Exon 2 of transcript AGAP007256-PA
JHU_Ag_53864	YCEETCPSDRFGQDCAEICQCK	AGAP007256-PA	C2(Carbamidomethyl),C6(Carbamidomethyl),C15(Carbamidomethyl),C19(Carbamidomethyl),C21(Carbamidomethyl)	43	5.39E-05	1	2813.098	8.78	Malpighian tubule	2L:+:44719460-44719525	exon=> In CDS Exon 3 of transcript AGAP007256-PA
JHU_Ag_68210	VTGQCICAPGFMGAK	AGAP007256-PA	C5(Carbamidomethyl),C7(Carbamidomethyl),M12(Oxidation)	36	0.002967 96	2	1612.731	1.86	Midgut	2L:+:44719882-44719926	exon=> In CDS Exon 4 of transcript AGAP007256-PA

JHU_Ag_398	TLHIPSGEEMDVFDCAQR	AGAP007258-PA	M10(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	99	1.27E-09	1	2120.946	3.73	Malpighian tubule	2L:-:44757962-44757909	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_2096	AVIAESYER	AGAP007258-PA	-	50	0.000148501	2	1037.527	1.11	Salivary gland	2L:-:44757803-44757777	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_2710	NNLVCCGVLSGNR	AGAP007258-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	73	6.05E-07	1	1462.686	-1.83	Midgut	2L:-:44758613-44758575	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_3853	TSLSPGSGVVTYYLK	AGAP007258-PA	-	100	1.26E-09	1	1571.836	2.95	Malpighian tubule	2L:-:44758778-44758734	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_3949	NQDLEFER	AGAP007258-PA	-	47	0.00027303	1	1050.487	1.67	Larva	2L:-:44759780-44759757	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_6424	AFNNMLIIPPGSGIVHQVNLEYLAR	AGAP007258-PA	M5(Oxidation)	108	6.04E-11	1	2766.495	6.74	Malpighian tubule	2L:-:44759717-44759643	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_6985	FDTEVDLEYFR	AGAP007258-PA	-	75	2.89E-07	1	1433.658	-0.01	Salivary gland	2L:-:44757590-44757558	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_7070	VIEAYLK	AGAP007258-PA	-	37	0.000841511	2	835.492	-0.28	Salivary gland	2L:-:44759192-44759172	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_8779	TLHIPSGEEMDVFDCAQR	AGAP007258-PA	M10(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	86	2.08E-08	1	2120.936	-0.67	Midgut	2L:-:44757962-44757909	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_9083	VAVSEMQQDFR	AGAP007258-PA	M6(Oxidation)	83	6.51E-08	1	1325.618	1.59	Malpighian tubule	2L:-:44759048-44759016	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_9895	EINVNGETFHYFDIASFPEYR	AGAP007258-PA	N5(Deamidated),N3(Deamidated)	90	1.02E-08	2	2549.157	-1.86	Midgut	2L:-:44760255-44760284,44757513-44760120	exon=> In CDS Exon 3 and 2 of transcript AGAP007258-PA
JHU_Ag_9912	FDTEVDLEYFR	AGAP007258-PA	-	44	0.000487053	2	1433.664	4.16	Ovary	2L:-:44757590-44757558	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_10308	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	73	8.17E-07	2	1758.875	5.33	Midgut	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_10603	VILQDFTGVPAVVDFAAMR	AGAP007258-PA	M18(Oxidation)	126	2.42E-12	1	2065.093	6.76	Larva	2L:-:44759957-44759901	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_11793	NCDNFQVLEK	AGAP007258-PA	C2(Carbamidomethyl)	47	0.000272983	2	1266.581	1.87	Malpighian tubule	2L:-:44760074-44760045	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_13172	EINVNGETFHYFDIASFPEYR	AGAP007258-PA	-	50	0.000136173	1	2548.176	-0.77	Ovary	2L:-:44760255-44760284,44757513-44760120	exon=> In CDS Exon 3 and 2 of transcript AGAP007258-PA
JHU_Ag_13585	VAVSEMQQDFRQCLVSK	AGAP007258-PA	M6(Oxidation), C13(Carbamidomethyl)	48	0.000247566	1	2040.987	1.14	Ovary	2L:-:44759048-44758998	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_13708	AFNNMLIIPPGSGIVHQVNLEYLAR	AGAP007258-PA	M5(Oxidation)	38	0.000922257	1	2782.478	2.38	Male reproductive organs	2L:-:44759717-44759643	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_14160	GPYLLGIK	AGAP007258-PA	-	45	0.000118162	1	860.524	-0.15	Midgut	2L:-:44757827-44757804	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_15299	VAVSEMQQDFR	AGAP007258-PA	M6(Oxidation)	85	3.68E-08	1	1325.616	0.3	Salivary gland	2L:-:44759048-44759016	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_16251	DFGNAEQDPVFTQIVELDLASVVTSVSGPK	AGAP007258-PA	-	104	4.15E-10	1	3162.589	1.44	Midgut	2L:-:44759153-44759064	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_17266	NNLVCCGVLSGNR	AGAP007258-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	65	4.13E-06	2	1462.688	-0.83	Head	2L:-:44758613-44758575	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_17506	EINVNGETFHYFDIASFPEYR	AGAP007258-PA	N5(Deamidated)	96	3.04E-09	1	2548.184	2.32	Malpighian tubule	2L:-:44760255-44760284,44757513-44760120	exon=> In CDS Exon 3 and 2 of transcript AGAP007258-PA
JHU_Ag_17760	VVFQDAAK	AGAP007258-PA	-	38	0.001715571	1	877.479	0.75	Malpighian tubule	2L:-:44759642-44759619	exon=> In CDS Exon 3 of transcript AGAP007258-PA

JHU_Ag_19934	FVEFFGPGVSELSIADR	AGAP007258-PA	-	103	8.03E-10	1	1869.938	-0.31	Malpighian tubule	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_20908	NCDNFQVLEK	AGAP007258-PA	C2(Carbamidomethyl)	60	1.16E-05	1	1266.578	-0.54	Midgut	2L:-:44760074-44760045	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_20997	NNLVCCGVLSGNR	AGAP007258-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	69	1.95E-06	2	1462.695	4.43	Malpighian tubule	2L:-:44758613-44758575	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_21672	LNPLVTSTDLVLTITK	AGAP007258-PA	-	81	6.45E-09	2	1728.021	3.34	Pupa	2L:-:44759435-44759388	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_22403	LYPWDTQSTYIK	AGAP007258-PA	-	62	9.26E-06	1	1514.755	1.86	Pupa	2L:-:44758286-44758251	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_23070	DVYEKVELGSDSWQGLNAPTGK	AGAP007258-PA	-	84	6.38E-08	1	2393.168	2.31	Ovary	2L:-:44758352-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_23947	VIEAYLK	AGAP007258-PA	-	39	0.000518872	1	835.491	-1.14	Midgut	2L:-:44759192-44759172	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_24300	NALDYLR	AGAP007258-PA	-	47	0.000323789	2	864.461	4.12	Malpighian tubule	2L:-:44759243-44759223	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_24458	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	52	9.74E-05	2	1758.874	4.5	Visceras	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_26648	DFGNAEQDPVFTQIVELDLASVVTSVSGPK	AGAP007258-PA	-	62	7.11E-06	1	3162.589	1.44	Pupa	2L:-:44759153-44759064	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_26803	GPYLLGIK	AGAP007258-PA	-	47	7.15E-05	2	860.523	-0.8	Salivary gland	2L:-:44757827-44757804	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_26905	LGGDPDR	AGAP007258-PA	-	47	8.12E-05	2	729.352	-0.49	Salivary gland	2L:-:44759885-44759865	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_27686	AFNNMLIIPPGSGIVHQVNLEYLAR	AGAP007258-PA	M5(Oxidation)	106	1.34E-10	1	2782.483	4.29	Ovary	2L:-:44759717-44759643	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_28782	ATISNMCPEYGATVGYFPVDKNALDYLR	AGAP007258-PA	M6(Oxidation), C7(Carbamidomethyl)	152	7.80E-15	1	3181.515	5.53	Malpighian tubule	2L:-:44759306-44759223	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_29543	NCDNFQVLEK	AGAP007258-PA	C2(Carbamidomethyl)	42	0.000640 14	1	1266.583	3.99	Ovary	2L:-:44760074-44760045	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_29598	NGGILNYMIR	AGAP007258-PA	M8(Oxidation),N1(Deamidated)	55	5.32E-05	2	1151.590	1.49	Malpighian tubule	2L:-:44757557-44757528	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_29920	AFNNMLIIPPGSGIVHQVNLEYLAR	AGAP007258-PA	M5(Oxidation)	116	1.69E-11	1	2782.471	0.08	Midgut	2L:-:44759717-44759643	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_32178	VILQDFTGVPAVVDFAAMR	AGAP007258-PA	M18(Oxidation)	136	2.69E-13	1	2065.089	4.78	Ovary	2L:-:44759957-44759901	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_32536	TSLSPGSGVVTYYLK	AGAP007258-PA	-	68	2.07E-06	1	1571.842	6.45	Pupa	2L:-:44758778-44758734	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_32572	LNPLVTSTDLVLTITK	AGAP007258-PA	-	98	1.58E-10	1	1728.023	4.11	Salivary gland	2L:-:44759435-44759388	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_32900	NGGILNYMIR	AGAP007258-PA	M8(Oxidation)	52	7.43E-05	2	1166.598	-0.96	Salivary gland	2L:-:44757557-44757528	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_33052	NCDNFQVLEK	AGAP007258-PA	C2(Carbamidomethyl)	61	8.77E-06	2	1266.579	0.14	Salivary gland	2L:-:44760074-44760045	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_33293	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	112	1.01E-10	1	1758.872	3.46	Head	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_33952	GTPTSDDELEIPFKPAR	AGAP007258-PA	-	86	3.71E-08	1	1872.941	3.68	Larva	2L:-:44760008-44759958	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_34898	FVEFFGPGVSELSIADR	AGAP007258-PA	-	98	2.08E-09	1	1869.942	1.85	Male reproductive organs	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_34930	VILQDFTGVPAVVDFAAMR	AGAP007258-PA	M18(Oxidation)	86	3.14E-08	1	2065.077	-0.66	Malpighian tubule	2L:-:44759957-44759901	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_35686	VILQDFTGVPAVVDFAAMR	AGAP007258-PA	M18(Oxidation)	120	1.35E-11	1	2065.079	0.11	Midgut	2L:-:44759957-44759901	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_35944	VVFQDAAK	AGAP007258-PA	-	37	0.002113673	1	877.479	1.87	Larva	2L:-:44759642-44759619	exon=> In CDS Exon 3 of transcript AGAP007258-PA

JHU_Ag_35952	ALLNLGDSVTTDHISPAGSIAR	AGAP007258-PA	-	157	1.91E-15	1	2208.174	5.27	Malpighian tubule	2L:-:44758184-44758119	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_36451	TSLSPGSGVVTYYLK	AGAP007258-PA	-	54	5.20E-05	1	1571.840	5.13	Salivary gland	2L:-:44758778-44758734	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_36513	AGANPFQSLLK	AGAP007258-PA	N-Term(Acetyl)	43	0.000669564	1	1187.646	3.2	Head	2L:-:44760846-44760849,44760195-44760256	exon=> In CDS Exon 2 and 1 of transcript AGAP007258-PA
JHU_Ag_36580	LVNKLVPRPGPR	AGAP007258-PA	-	48	4.60E-06	1	1345.845	1.78	Malpighian tubule	2L:-:44757998-44757963	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_37465	EINVNGETFHYFDIASFPEYR	AGAP007258-PA	N5(Deamidated)	92	7.97E-09	1	2549.177	5.84	Larva	2L:-:44760255-44760284,44757513-44760120	exon=> In CDS Exon 3 and 2 of transcript AGAP007258-PA
JHU_Ag_37469	VVFQDAAKDGAAR	AGAP007258-PA	-	71	1.16E-06	1	1347.704	1.88	Malpighian tubule	2L:-:44759642-44759604	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_37847	GPYLLGIK	AGAP007258-PA	-	33	0.001711902	2	860.524	-0.52	Ovary	2L:-:44757827-44757804	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_37965	VLLESAVR	AGAP007258-PA	-	50	0.000130344	2	886.536	0.35	Salivary gland	2L:-:44760098-44760075	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_39089	VLLESAVR	AGAP007258-PA	-	37	0.002138348	1	886.539	3.24	Larva	2L:-:44760098-44760075	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_39549	KAVEAGLK	AGAP007258-PA	-	55	3.04E-05	2	815.500	2.02	Malpighian tubule	2L:-:44758820-44758797	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_39727	IGNIVNAR	AGAP007258-PA	-	32	0.003686037	2	856.500	-0.34	Midgut	2L:-:44758208-44758185	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_39858	GTPTSDDELEIPFKPAR	AGAP007258-PA	-	73	8.30E-07	1	1872.934	0.16	Ovary	2L:-:44760008-44759958	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_40826	YAGEGTPLIALVGKDYGSGSSR	AGAP007258-PA	-	90	1.45E-08	1	2198.110	0.47	Ovary	2L:-:44757908-44757843	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_42110	NCDNFQVLEKDVR	AGAP007258-PA	C2(Carbamidomethyl)	75	5.36E-07	2	1636.781	3.49	Malpighian tubule	2L:-:44760074-44760036	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_42510	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	89	2.07E-08	1	1758.873	3.94	Ovary	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_43148	LNPLVTSTDLVLTITK	AGAP007258-PA	-	113	7.38E-12	2	1728.015	-0.05	Midgut	2L:-:44759435-44759388	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_43523	NNLVCCGVLSGNR	AGAP007258-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	72	8.98E-07	1	1462.688	-0.5	Male reproductive organs	2L:-:44758613-44758575	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_43596	FVEFFGPGVSELSIADR	AGAP007258-PA	-	90	1.52E-08	1	1869.938	-0.11	Midgut	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_44012	NGGILNYMIR	AGAP007258-PA	-	40	0.001224456	2	1150.605	0.86	Ovary	2L:-:44757557-44757528	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_45314	VAVSEMQQDFR	AGAP007258-PA	M6(Oxidation)	48	0.000175787	2	1325.619	2.6	Larva	2L:-:44759048-44759016	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_45576	VAVSEMQQDFR	AGAP007258-PA	M6(Oxidation)	78	2.06E-07	1	1325.616	0.02	Midgut	2L:-:44759048-44759016	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_47626	NNLVCCGVLSGNR	AGAP007258-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	67	2.50E-06	1	1462.689	-0.08	Ovary	2L:-:44758613-44758575	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_47721	ALLNLGDSVTTDHISPAGSIAR	AGAP007258-PA	-	74	4.11E-07	1	2208.167	2.17	Salivary gland	2L:-:44758184-44758119	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_47763	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	71	1.33E-06	1	1758.873	4.08	Male reproductive organs	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_48117	VILQDFTGVPAVVDFAAMR	AGAP007258-PA	M18(Oxidation)	125	3.64E-12	1	2065.081	1	Salivary gland	2L:-:44759957-44759901	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_50023	AGANPFQSLLK	AGAP007258-PA	N-Term(Acetyl)	51	0.000121483	1	1187.644	1.59	Salivary gland	2L:-:44760846-44760849,44760195-44760256	exon=> In CDS Exon 2 and 1 of transcript AGAP007258-PA

JHU_Ag_50392	NALDYLR	AGAP007258-PA	-	49	0.000185287	2	864.457	-0.18	Salivary gland	2L:-:44759243-44759223	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_51666	VRVIEAYLK	AGAP007258-PA	-	73	7.82E-08	1	1090.666	3.59	Malpighian tubule	2L:-:44759198-44759172	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_51780	VAVSEMQQDFR	AGAP007258-PA	M6(Oxidation)	69	1.55E-06	2	1325.620	3.06	Ovary	2L:-:44759048-44759016	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_55545	ATISNMCPEYGATVGYFPVDK	AGAP007258-PA	M6(Oxidation), C7(Carbamidomethyl)	108	1.67E-10	2	2336.057	-0.11	Midgut	2L:-:44759306-44759244	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_56514	GTFANIR	AGAP007258-PA	-	48	0.000270805	2	778.421	-0.09	Salivary gland	2L:-:44758019-44757999	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_56686	LYPWDTQSTYIK	AGAP007258-PA	-	58	2.15E-05	1	1514.753	0.17	Midgut	2L:-:44758286-44758251	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_56783	IPVSTDCGK	AGAP007258-PA	C7(Carbamidomethyl)	46	0.000414395	1	976.477	0.12	Malpighian tubule	2L:-:44757638-44757612	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_56999	DFGNAEQDPVFTQIVELDLASVVTSVSGPK	AGAP007258-PA	-	127	2.18E-12	1	3162.592	2.37	Malpighian tubule	2L:-:44759153-44759064	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_57139	NALDYLR	AGAP007258-PA	-	41	0.001290755	2	864.458	0.45	Pupa	2L:-:44759243-44759223	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_57570	FVEFFGPGVSELSIADR	AGAP007258-PA	-	91	1.27E-08	2	1869.942	1.91	Pupa	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_57803	VAVSEMQQDFR	AGAP007258-PA	M6(Oxidation)	49	0.000147531	2	1325.615	-0.53	Pupa	2L:-:44759048-44759016	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_58524	LNPLVTSTDLVLTITK	AGAP007258-PA	-	111	7.84E-12	1	1728.023	4.11	Ovary	2L:-:44759435-44759388	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_59146	QPLGTRPDGSAVFLR	AGAP007258-PA	-	48	0.000122639	1	1613.874	-1.07	Head	2L:-:44758466-44758422	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_59711	TLHIPSGEEMDVFDCAQR	AGAP007258-PA	M10(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	66	2.42E-06	1	2120.940	1.23	Ovary	2L:-:44757962-44757909	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_60989	AGANPFQSLLK	AGAP007258-PA	N-Term(Acetyl)	60	1.62E-05	1	1187.643	0.73	Midgut	2L:-:44760846-44760849,44760195-44760256	exon=> In CDS Exon 2 and 1 of transcript AGAP007258-PA
JHU_Ag_62603	GTPTSDDELEIPFKPAR	AGAP007258-PA	-	73	8.08E-07	1	1872.933	-0.32	Male reproductive organs	2L:-:44760008-44759958	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_64929	YAGEGTPLIALVGKDYGSGSSR	AGAP007258-PA	-	91	1.03E-08	1	2198.122	6.02	Malpighian tubule	2L:-:44757908-44757843	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_64967	ALLNLGDSVTTDHISPAGSIAR	AGAP007258-PA	-	133	4.32E-13	1	2208.167	2.18	Head	2L:-:44758184-44758119	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_65603	GTPTSDDELEIPFKPAR	AGAP007258-PA	-	76	3.40E-07	1	1872.944	5.15	Malpighian tubule	2L:-:44760008-44759958	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_65978	FDTEVDLEYFR	AGAP007258-PA	-	46	0.000284728	2	1433.659	0.41	Male reproductive organs	2L:-:44757590-44757558	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_66575	AGANPFQSLLK	AGAP007258-PA	N-Term(Acetyl)	63	8.69E-06	2	1187.642	-0.05	Male reproductive organs	2L:-:44760846-44760849,44760195-44760256	exon=> In CDS Exon 2 and 1 of transcript AGAP007258-PA
JHU_Ag_66655	YAGEGTPLIALVGK	AGAP007258-PA	-	60	6.75E-06	2	1388.781	1.6	Ovary	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_66829	GNDDIMAR	AGAP007258-PA	-	61	6.34E-06	2	891.401	2.08	Malpighian tubule	2L:-:44758043-44758020	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_66837	YAGEGTPLIALVGK	AGAP007258-PA	-	46	0.000130966	2	1388.792	9.95	Larva	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_67249	FVEFFGPGVSELSIADR	AGAP007258-PA	-	37	0.003226948	1	1869.948	5.18	Visceras	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_68280	VAVSEMQQDFR	AGAP007258-PA	M6(Oxidation)	68	1.89E-06	1	1325.615	-0.07	Male reproductive organs	2L:-:44759048-44759016	exon=> In CDS Exon 3 of transcript AGAP007258-PA

JHU_Ag_68505	GTPTSDDELEIPFKPAR	AGAP007258-PA	-	90	1.46E-08	1	1872.938	2.22	Salivary gland	2L:-:44760008-44759958	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_69538	TLHIPSGEEMDVFDCAQR	AGAP007258-PA	C15(Carbamidomethyl)	46	0.000281838	1	2104.941	-0.62	Salivary gland	2L:-:44757962-44757909	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_69570	ATISNMCPEYGATVGYFPVDKNALDYLR	AGAP007258-PA	M6(Oxidation), C7(Carbamidomethyl)	95	3.69E-09	1	3181.497	-0.11	Ovary	2L:-:44759306-44759223	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_70074	NNLVCCGVLSGNR	AGAP007258-PA	C5(Carbamidomethyl), C6(Carbamidomethyl),"N1(Deamidated), C5(Carbamidomethyl), C6(Carbamidomethyl)","N2(Deamidated), C5(Carbamidomethyl), C6(Carbamidomethyl)"	77	3.04E-07	1	1462.692	1.75	Salivary gland	2L:-:44758613-44758575	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_71659	GFAVPEAEMSAEGSFSWTDGK	AGAP007258-PA	M9(Oxidation)	58	1.31E-05	2	2218.974	6.56	Salivary gland	2L:-:44758985-44758923	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_72633	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	126	3.93E-12	1	1758.872	3.74	Salivary gland	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_72669	VILQDFTGVPAVVDFAAMRDAVLK	AGAP007258-PA	M18(Oxidation)	60	5.89E-06	1	2591.394	1.59	Ovary	2L:-:44759957-44759886	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_73804	YAGEGTPLIALVGK	AGAP007258-PA	-	101	5.46E-10	1	1388.782	2.66	Male reproductive organs	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_74776	LGGDPDR	AGAP007258-PA	-	36	0.001256873	2	729.356	4.19	Malpighian tubule	2L:-:44759885-44759865	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_75460	AFNNMLIIPPGSGIVHQVNLEYLAR	AGAP007258-PA	M5(Oxidation)	94	2.26E-09	1	2782.482	3.96	Salivary gland	2L:-:44759717-44759643	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_75628	VIEAYLK	AGAP007258-PA	-	31	0.003337759	1	835.495	3.37	Malpighian tubule	2L:-:44759192-44759172	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_76539	INPICPSDLVIDHSVQVDFAR	AGAP007258-PA	C5(Carbamidomethyl)	35	0.00374474	1	2395.212	1.75	Head	2L:-:44759864-44759802	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_77448	NCDNFQVLEK	AGAP007258-PA	C2(Carbamidomethyl)	47	0.000231689	2	1266.582	3.12	Male reproductive organs	2L:-:44760074-44760045	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_79162	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	112	9.53E-11	1	1758.870	2.35	Pupa	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_79645	IGNIVNAR	AGAP007258-PA	-	51	5.03E-05	2	856.500	-0.27	Pupa	2L:-:44758208-44758185	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_81847	FVEFFGPGVSELSIADR	AGAP007258-PA	-	110	1.43E-10	1	1869.942	1.85	Ovary	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_81935	VILQDFTGVPAVVDFAAMRDAVLK	AGAP007258-PA	M18(Oxidation)	65	9.78E-07	1	2591.419	10.92	Malpighian tubule	2L:-:44759957-44759886	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_82154	TSLSPGSGVVTYYLK	AGAP007258-PA	-	97	2.52E-09	1	1571.835	2.41	Ovary	2L:-:44758778-44758734	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_82285	FVEFFGPGVSELSIADR	AGAP007258-PA	-	110	1.44E-10	1	1869.944	3.02	Head	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_83105	YAGEGTPLIALVGK	AGAP007258-PA	-	96	1.69E-09	1	1388.779	0.46	Salivary gland	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_83725	EINVNGETFHYFDIASFPEYR	AGAP007258-PA	-	55	4.14E-05	1	2548.182	1.68	Head	2L:-:44760255-44760284,44757513-44760120	exon=> In CDS Exon 3 and 2 of transcript AGAP007258-PA
JHU_Ag_84716	RGNDDIMAR	AGAP007258-PA	M7(Oxidation)	52	0.00010222	1	1047.502	1.96	Malpighian tubule	2L:-:44758046-44758020	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_84795	QPLGTRPDGSAVFLR	AGAP007258-PA	-	60	7.56E-06	1	1613.875	-0.61	Salivary gland	2L:-:44758466-44758422	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_85019	DFNSYGSR	AGAP007258-PA	-	31	0.002100548	1	945.408	2.41	Malpighian tubule	2L:-:44758070-44758047	exon=> In CDS Exon 3 of transcript AGAP007258-PA

JHU_Ag_85156	INPICPSDLVIDHSVQVDFAR	AGAP007258-PA	C5(Carbamidomethyl)	45	0.000383535	1	2395.217	4.12	Salivary gland	2L:-:44759864-44759802	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_85529	KAVEAGLK	AGAP007258-PA	-	54	3.84E-05	2	815.498	-0.67	Salivary gland	2L:-:44758820-44758797	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_85654	LNPLVTSTDLVLTITK	AGAP007258-PA	-	102	6.67E-11	1	1728.020	2.49	Malpighian tubule	2L:-:44759435-44759388	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_85781	AFNNMLIIPPGSGIVHQVNLEYLAR	AGAP007258-PA	M5(Oxidation)	104	1.78E-10	1	2782.488	6.26	Larva	2L:-:44759717-44759643	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_86569	EINVNGETFHYFDIASFPEYR	AGAP007258-PA	N5(Deamidated)	89	1.53E-08	1	2548.181	1.25	Salivary gland	2L:-:44760255-44760284,44757513-44760120	exon=> In CDS Exon 3 and 2 of transcript AGAP007258-PA
JHU_Ag_86727	YAGEGTPLIALVGK	AGAP007258-PA	-	82	3.94E-08	2	1388.778	-0.59	Midgut	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_86896	GPYLLGIK	AGAP007258-PA	-	41	0.000319177	2	860.526	2.46	Malpighian tubule	2L:-:44757827-44757804	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_87032	AVIAESYER	AGAP007258-PA	-	40	0.00169476	2	1037.526	-0.3	Head	2L:-:44757803-44757777	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_87145	VLLESAVR	AGAP007258-PA	-	37	0.002889693	2	886.534	-2	Malpighian tubule	2L:-:44760098-44760075	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_87157	YAGEGTPLIALVGK	AGAP007258-PA	-	82	4.99E-08	1	1388.782	2.31	Malpighian tubule	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_87438	IGNIVNAR	AGAP007258-PA	-	47	0.000101671	1	856.502	2.3	Malpighian tubule	2L:-:44758208-44758185	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_88176	VIEAYLK	AGAP007258-PA	-	33	0.001790853	1	835.492	-0.34	Pupa	2L:-:44759192-44759172	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_89527	NCDNFQVLEK	AGAP007258-PA	C2(Carbamidomethyl)	56	3.22E-05	1	1266.582	2.55	Larva	2L:-:44760074-44760045	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_90265	NQDLEFER	AGAP007258-PA	-	35	0.004091907	2	1050.486	0.74	Malpighian tubule	2L:-:44759780-44759757	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_90611	AVIAESYER	AGAP007258-PA	-	54	5.63E-05	2	1037.529	2.52	Malpighian tubule	2L:-:44757803-44757777	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_90759	DIWPTRAEIQTVEQK	AGAP007258-PA	-	38	0.00169171	1	1813.949	2.29	Pupa	2L:-:44758421-44758377	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_93219	TSLSPGSGVVTYYLK	AGAP007258-PA	-	44	0.000517494	2	1571.836	2.64	Male reproductive organs	2L:-:44758778-44758734	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_99681	NQDLEFER	AGAP007258-PA	-	45	0.000402207	2	1050.485	-0.31	Midgut	2L:-:44759780-44759757	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_100815	FDTEVDLEYFR	AGAP007258-PA	-	76	2.93E-07	2	1433.659	0.33	Midgut	2L:-:44757590-44757558	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_101301	IGNIVNAR	AGAP007258-PA	-	39	0.000617649	2	856.504	4.65	Ovary	2L:-:44758208-44758185	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_101402	LGGDPDRINPICPSDLVIDHSVQVDFAR	AGAP007258-PA	C12(Carbamidomethyl)	114	4.85E-11	1	3105.549	2.23	Ovary	2L:-:44759885-44759802	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_101628	GPYLLGIK	AGAP007258-PA	-	38	0.000584089	1	860.523	-1.23	Male reproductive organs	2L:-:44757827-44757804	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_101856	INPICPSDLVIDHSVQVDFAR	AGAP007258-PA	C5(Carbamidomethyl)	40	0.001222843	1	2395.211	1.29	Malpighian tubule	2L:-:44759864-44759802	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_101939	ALLNLGDSVTTDHISPAGSIAR	AGAP007258-PA	-	141	7.59E-14	1	2208.166	1.67	Pupa	2L:-:44758184-44758119	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_102231	YAGEGTPLIALVGK	AGAP007258-PA	-	46	0.000180796	2	1388.782	2.22	Head	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_103193	FDTEVDLEYFR	AGAP007258-PA	-	85	3.19E-08	2	1433.659	0.67	Malpighian tubule	2L:-:44757590-44757558	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_103858	AGANPFQSLLK	AGAP007258-PA	N-Term(Acetyl)	68	2.72E-06	1	1187.643	1.08	Malpighian tubule	2L:-:44760846-44760849,44760195-44760256	exon=> In CDS Exon 2 and 1 of transcript AGAP007258-PA

JHU_Ag_105624	TSLSPGSGVVTYYLK	AGAP007258-PA	-	101	9.20E-10	1	1571.833	1.09	Midgut	2L:-:44758778-44758734	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_106118	LNPLVTSTDLVLTITKHLR	AGAP007258-PA	-	26	0.001079096	1	2134.273	6.2	Malpighian tubule	2L:-:44759435-44759379	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_106965	GTPTSDDELEIPFKPAR	AGAP007258-PA	-	78	2.52E-07	2	1872.939	2.94	Head	2L:-:44760008-44759958	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_107267	NCDNFQVLEKDVR	AGAP007258-PA	C2(Carbamidomethyl)	74	6.46E-07	2	1636.778	2.15	Ovary	2L:-:44760074-44760036	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_107426	LYPWDTQSTYIK	AGAP007258-PA	-	42	0.000921403	1	1514.756	2.18	Malpighian tubule	2L:-:44758286-44758251	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_107938	AVEAGLKVAPYIK	AGAP007258-PA	-	70	1.88E-07	1	1358.809	3.66	Malpighian tubule	2L:-:44758817-44758779	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_108392	QPLGTRPDGSAVFLR	AGAP007258-PA	-	49	0.000102209	1	1613.875	-0.27	Midgut	2L:-:44758466-44758422	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_108980	VVFQDAAK	AGAP007258-PA	-	38	0.001951472	1	877.481	3.4	Male reproductive organs	2L:-:44759642-44759619	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_109630	NALDYLR	AGAP007258-PA	-	42	0.001101143	1	864.457	-0.24	Midgut	2L:-:44759243-44759223	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_109743	VELGSDSWQGLNAPTGK	AGAP007258-PA	-	127	3.33E-12	1	1758.868	1.45	Malpighian tubule	2L:-:44758337-44758287	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_109910	GFAVPEAEMSAEGSFSWTDGK	AGAP007258-PA	M9(Oxidation)	69	9.43E-07	2	2218.961	0.5	Midgut	2L:-:44758985-44758923	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_110288	LNPLVTSTDLVLTITK	AGAP007258-PA	-	103	4.35E-11	1	1728.026	5.95	Larva	2L:-:44759435-44759388	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_110533	GTPTSDDELEIPFKPAR	AGAP007258-PA	-	43	0.000681323	1	1872.933	-0.33	Midgut	2L:-:44760008-44759958	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_112066	HGSVVIAAITSCTNTSNPSVMLGAGLLAK	AGAP007258-PA	C12(Carbamidomethyl)	42	0.000452996	3	2869.504	4.41	Malpighian tubule	2L:-:44758907-44758821	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_112091	LVGKLNPLVTSTDLVLTITK	AGAP007258-PA	-	61	1.49E-07	1	2125.295	4.8	Malpighian tubule	2L:-:44759447-44759388	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_113119	LGGDPDRINPICPSDLVIDHSVQVDFAR	AGAP007258-PA	C12(Carbamidomethyl)	134	4.84E-13	1	3105.553	3.29	Malpighian tubule	2L:-:44759885-44759802	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_113864	VAVSEMQQDFRQCLVSK	AGAP007258-PA	M6(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	82	1.06E-07	1	2024.999	4.58	Malpighian tubule	2L:-:44759048-44758998	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_113913	AEIQTVEQK	AGAP007258-PA	-	38	0.00289847	2	1045.552	-0.16	Midgut	2L:-:44758403-44758377	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_114354	VLLESAVR	AGAP007258-PA	-	42	0.000833855	2	886.535	-0.55	Ovary	2L:-:44760098-44760075	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_116110	YAGEGTPLIALVGK	AGAP007258-PA	-	35	0.0019613	2	1388.784	4.06	Visceras	2L:-:44757908-44757867	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_116462	DFNSYGSR	AGAP007258-PA	-	42	0.000176739	1	945.407	1.1	Salivary gland	2L:-:44758070-44758047	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_117694	FVEFFGPGVSELSIADR	AGAP007258-PA	-	114	5.26E-11	1	1869.938	-0.24	Salivary gland	2L:-:44759357-44759307	exon=> In CDS Exon 3 of transcript AGAP007258-PA
JHU_Ag_26119	VITQFDTK	AGAP007275-PA	-	51	9.64E-05	1	951.517	2.53	Larva	2L:+:44835613-44835636	exon=> In CDS Exon 2 of transcript AGAP007275-PA
JHU_Ag_83159	ISTMYQLATDEAAASENR	AGAP007275-PA	M4(Oxidation)	82	8.20E-08	1	1986.915	3.93	Larva	2L:+:44836814-44836867	exon=> In CDS Exon 3 of transcript AGAP007275-PA
JHU_Ag_110688	QLVDTLMGNDEYGR	AGAP007275-PA	Q1(Deamidated), M7(Oxidation), N9(Deamidated),"Q1(Deamidated), M7(Oxidation)"	99	1.26E-09	1	1627.734	4.25	Larva	2L:+:44836435-44836476	exon=> In CDS Exon 2 of transcript AGAP007275-PA

JHU_Ag_18588	ISDNLAICSR	AGAP007275-PA,AGAP007276-PA	C8(Carbamidomethyl)	37	0.003970195	2	1148.575	2.16	Larva	2L:+:44836925-44836954;2L:+:44850667-44850696	exon=> In CDS Exon 3 of transcript AGAP007275-PA;exon=> In CDS Exon 3 of transcript AGAP007276-PA
JHU_Ag_15174	LEYLK	AGAP007275-PA,AGAP007276-PA,AGAP003115-PA	-	31	0.005633441	1	665.389	2.52	Larva	2L:+:44836570-44836584;2L:+:44850312-44850326;2R:+:32736879-32736893	exon=> In CDS Exon 2 of transcript AGAP007275-PA;exon=> In CDS Exon 2 of transcript AGAP007276-PA;exon=> In CDS Exon 2 of transcript AGAP003115-PA
JHU_Ag_71159	IKSYIK	AGAP007283-PA,AGAP012658-PA	-	31	0.000785236	2	751.482	14.66	Salivary gland	2L:-:45001020-45001003;UNKN:+:22698250-22698267	exon=> In CDS Exon 2 of transcript AGAP007283-PA;exon=> In CDS Exon 2 of transcript AGAP012658-PA
JHU_Ag_106551	KQSLIK	AGAP007283-PA,AGAP012658-PA	-	29	0.005169577	1	716.457	-13.34	Head	2L:-:45001065-45001048;UNKN:+:22698205-22698222	exon=> In CDS Exon 2 of transcript AGAP007283-PA;exon=> In CDS Exon 2 of transcript AGAP012658-PA
JHU_Ag_6646	AGTIEAIFAER	AGAP007285-PA	-	44	0.000558897	1	1177.620	-0.64	Midgut	2L:+:45004361-45004393	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_14008	DVLGELANAVR	AGAP007285-PA	-	77	1.74E-07	1	1156.633	1.12	Midgut	2L:+:45003815-45003847	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_19948	TIFATVLDYPYKTNSVR	AGAP007285-PA	-	34	0.004458267	1	1988.057	4.29	Malpighian tubule	2L:+:45004612-45004662	exon=> In CDS Exon 2 of transcript AGAP007285-PA
JHU_Ag_23059	TIFATVLDYPYK	AGAP007285-PA	-	46	0.000437347	2	1430.754	-1.7	Midgut	2L:+:45004612-45004647	exon=> In CDS Exon 2 of transcript AGAP007285-PA
JHU_Ag_24777	DVLGELANAVR	AGAP007285-PA	-	85	3.07E-08	2	1156.633	0.95	Ovary	2L:+:45003815-45003847	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_27098	EFFAWLYNDSPVR	AGAP007285-PA	-	75	5.10E-07	2	1643.790	2.74	Pupa	2L:+:45004061-45004099	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_31253	TIFATVLDYPYK	AGAP007285-PA	-	75	5.69E-07	1	1430.757	0.6	Ovary	2L:+:45004612-45004647	exon=> In CDS Exon 2 of transcript AGAP007285-PA
JHU_Ag_44837	AKEFFAWLYNDSPVR	AGAP007285-PA	-	75	5.26E-07	2	1842.926	4.69	Larva	2L:+:45004055-45004099	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_60154	YVVLTSK	AGAP007285-PA	-	35	0.001357356	1	809.479	2.33	Larva	2L:+:45003719-45003739	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_60803	DVLGELANAVR	AGAP007285-PA	-	91	7.93E-09	2	1156.631	-1.27	Pupa	2L:+:45003815-45003847	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_66028	AGTIEAIFAER	AGAP007285-PA	-	71	1.19E-06	2	1177.621	0.13	Larva	2L:+:45004361-45004393	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_95225	DVLGELANAVR	AGAP007285-PA	-	62	5.74E-06	2	1156.636	3.06	Salivary gland	2L:+:45003815-45003847	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_97990	DVLGELANAVR	AGAP007285-PA	-	89	1.06E-08	1	1156.638	4.64	Larva	2L:+:45003815-45003847	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_99332	HTFGWNAMDVGPHR	AGAP007285-PA	M8(Oxidation)	79	1.25E-07	1	1640.745	3.64	Larva	2L:+:45003773-45003814	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_107162	YVVLTSK	AGAP007285-PA	-	38	0.000844683	1	809.477	0.29	Midgut	2L:+:45003719-45003739	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_116869	AGTIEAIFAER	AGAP007285-PA	-	56	4.25E-05	2	1177.621	-0.59	Pupa	2L:+:45004361-45004393	exon=> In CDS Exon 1 of transcript AGAP007285-PA
JHU_Ag_16898	LREYGSICPMI	AGAP007286-PA	C8(Carbamidomethyl),M10(Oxidation),C8(Carbamidomethyl)	46	0.000408824	2	1338.658	2.43	Head	2L:-:45009079-45009047	exon=> In CDS Exon 3 of transcript AGAP007286-PA
JHU_Ag_44915	KMDEIEAGAK	AGAP007286-PA	M2(Oxidation)	36	0.003794777	2	1107.530	-4.67	Head	2L:-:45009238-45009209	exon=> In CDS Exon 3 of transcript AGAP007286-PA
JHU_Ag_64890	ICHPISGTILR	AGAP007286-PA	C2(Carbamidomethyl)	64	3.64E-06	1	1266.702	2.33	Head	2L:-:45009181-45009149	exon=> In CDS Exon 3 of transcript AGAP007286-PA

JHU_Ag_90583	DATNACFELAEK	AGAP007286-PA	C6(Carbamidomethyl)	54	4.79E-05	1	1368.610	0.15	Head	2L:-:45009274-45009239	exon=> In CDS Exon 3 of transcript AGAP007286-PA
JHU_Ag_84336	KIDIVLHATGSAPILK	AGAP007296-PA	-	44	3.50E-05	1	1676.012	0.8	Head	2L:+:45065735-45065738,45065824-45065867	exon=> In CDS Exon 1 and 2 of transcript AGAP007296-PA
JHU_Ag_3019	MAERNDYQSYYYRPAIGK	AGAP007297-PA	M1(Oxidation)	65	4.55E-06	1	2225.050	2.41	Malpighian tubule	2L:-:45066500-45066447	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_4421	ALEKEVR	AGAP007297-PA	-	51	0.000179663	2	844.489	0.45	Malpighian tubule	2L:-:45066527-45066507	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_13116	NDYQSYYYRPAIGK	AGAP007297-PA	Q4(Deamidated),N1(Deamidated)	91	1.19E-08	1	1737.822	-0.68	Visceras	2L:-:45066488-45066447	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_20543	EAAEQLEALRGD	AGAP007297-PA	-	79	1.59E-07	2	1301.634	0.91	Visceras	2L:-:45066428-45066393	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_22104	HPITR	AGAP007297-PA	-	25	0.002553061	1	623.362	-0.33	Head	2L:-:45066635-45066621	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_27453	YILPNPQQEYEK	AGAP007297-PA	-	80	1.67E-07	1	1521.763	2.92	Malpighian tubule	2L:-:45066608-45066573	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_31173	NDYQSYYYRPAIGK	AGAP007297-PA	-	35	0.005202207	2	1737.831	4.66	Ovary	2L:-:45066488-45066447	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_33116	MLHHVYEENEK	AGAP007297-PA	M1(Oxidation)	70	8.67E-07	1	1444.648	-3.09	Head	2L:-:45066572-45066540	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_34132	NFTITPSR	AGAP007297-PA	-	45	0.000519457	2	935.493	-1.62	Male reproductive organs	2L:-:45066818-45066795	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_37112	NFTITPSR	AGAP007297-PA	-	36	0.003716379	1	935.497	2.38	Midgut	2L:-:45066818-45066795	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_38043	EAAEQLEALR	AGAP007297-PA	-	64	5.08E-06	2	1129.582	-2.23	Midgut	2L:-:45066428-45066399	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_42823	NDYQSYYYRPAIGK	AGAP007297-PA	-	97	3.63E-09	1	1737.826	1.43	Male reproductive organs	2L:-:45066488-45066447	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_47231	MLHHVYEENEK	AGAP007297-PA	M1(Oxidation)	87	1.79E-08	1	1444.651	-0.9	Midgut	2L:-:45066572-45066540	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_52321	YILPNPQQEYEK	AGAP007297-PA	-	74	6.70E-07	2	1521.755	-2.05	Midgut	2L:-:45066608-45066573	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_57750	MLHHVYEENEKAQIR	AGAP007297-PA	-	52	0.00011467	1	1896.940	0.87	Malpighian tubule	2L:-:45066572-45066528	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_58136	NFTITPSR	AGAP007297-PA	-	50	0.000158088	1	935.496	1.06	Visceras	2L:-:45066818-45066795	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_59285	EAAEQLEALRGD	AGAP007297-PA	-	70	1.18E-06	1	1301.637	2.79	Malpighian tubule	2L:-:45066428-45066393	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_63322	MLHHVYEENEK	AGAP007297-PA	-	44	0.000442744	1	1428.660	1.36	Malpighian tubule	2L:-:45066572-45066540	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_63490	YILPNPQQEYEK	AGAP007297-PA	-	44	0.000579659	2	1521.760	1.16	Male reproductive organs	2L:-:45066608-45066573	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_66596	EAAEQLEALRGD	AGAP007297-PA	-	72	8.07E-07	2	1301.633	-0.03	Head	2L:-:45066428-45066393	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_71480	YILPNPQQEYEK	AGAP007297-PA	-	62	1.12E-05	1	1521.760	0.75	Visceras	2L:-:45066608-45066573	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_76272	NFTITPSR	AGAP007297-PA	-	35	0.005045447	1	935.495	0.75	Head	2L:-:45066818-45066795	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_77011	EAAEQLEALR	AGAP007297-PA	-	42	0.000830539	2	1129.586	1.12	Ovary	2L:-:45066428-45066399	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_81829	EAAEQLEALRGD	AGAP007297-PA	-	89	1.41E-08	1	1301.632	-0.68	Midgut	2L:-:45066428-45066393	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_83890	MLHHVYEENEK	AGAP007297-PA	M1(Oxidation)	82	5.82E-08	1	1444.656	2.32	Visceras	2L:-:45066572-45066540	exon=> In CDS Exon 2 of transcript AGAP007297-PA

JHU_Ag_85661	MLHHVYEENEK	AGAP007297-PA	M1(Oxidation)	62	5.68E-06	1	1444.654	0.71	Male reproductive organs	2L:-:45066572-45066540	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_86364	NDYQSYYYRPAIGK	AGAP007297-PA	N1(Deamidated)	96	3.16E-09	1	1738.806	-0.4	Midgut	2L:-:45066488-45066447	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_87405	NDYQSYYYRPAIGK	AGAP007297-PA	N1(Deamidated)	97	3.07E-09	1	1738.810	1.7	Malpighian tubule	2L:-:45066488-45066447	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_89564	YILPNPQQEYEK	AGAP007297-PA	-	65	5.01E-06	1	1521.758	-0.05	Head	2L:-:45066608-45066573	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_94501	NFTITPSR	AGAP007297-PA	-	41	0.001148471	1	935.497	2.36	Malpighian tubule	2L:-:45066818-45066795	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_100981	EAAEQLEALR	AGAP007297-PA	-	92	8.34E-09	2	1129.588	3.17	Visceras	2L:-:45066428-45066399	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_100998	EAAEQLEALRGD	AGAP007297-PA	-	69	1.49E-06	1	1301.637	2.51	Ovary	2L:-:45066428-45066393	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_111623	NDYQSYYYRPAIGK	AGAP007297-PA	N1(Deamidated)	96	3.52E-09	1	1737.824	0.51	Head	2L:-:45066488-45066447	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_117476	EAAEQLEALRGD	AGAP007297-PA	-	79	1.59E-07	2	1301.633	0.16	Male reproductive organs	2L:-:45066428-45066393	exon=> In CDS Exon 2 of transcript AGAP007297-PA
JHU_Ag_215	KPTVLSELPDK	AGAP007299-PA	-	59	6.82E-06	2	1226.700	1.1	Pupa	2L:-:45091068-45091036	exon=> In CDS Exon 6 of transcript AGAP007299-PA
JHU_Ag_1561	SVLTSNATEESECSAAK	AGAP007299-PA	C13(Carbamidomethyl)	96	2.77E-09	2	1783.810	4.47	Malpighian tubule	2L:-:45091917-45092046,45091652-45091781	exon=> In CDS Exon 4 and 3 of transcript AGAP007299-PA
JHU_Ag_5977	MDTVKISELLR	AGAP007299-PA	N-Term(Acetyl)	65	3.85E-06	2	1346.740	4.01	Malpighian tubule	2L:-:45095641-45095609	exon=> In CDS Exon 1 of transcript AGAP007299-PA
JHU_Ag_14253	GHIDDFIPSFVELALMR	AGAP007299-PA	M16(Oxidation)	58	2.44E-05	1	1976.002	3.53	Salivary gland	2L:-:45091750-45091700	exon=> In CDS Exon 4 of transcript AGAP007299-PA
JHU_Ag_15603	IIRETENEELTSVLQK	AGAP007299-PA	-	106	2.19E-10	1	1902.027	4.61	Malpighian tubule	2L:-:45092504-45092457	exon=> In CDS Exon 2 of transcript AGAP007299-PA
JHU_Ag_19355	IPIPVPDSSITAHFIR	AGAP007299-PA	-	37	0.000922779	1	1762.990	2.96	Salivary gland	2L:-:45091287-45091240	exon=> In CDS Exon 5 of transcript AGAP007299-PA
JHU_Ag_22371	LLEIIYELFQK	AGAP007299-PA	-	71	2.39E-07	1	1408.815	4.82	Ovary	2L:-:45092138-45092534,45091915-45092035	exon=> In CDS Exon 3 and 2 of transcript AGAP007299-PA
JHU_Ag_24139	SGGYQFTQHQIPTTFSFTGQK	AGAP007299-PA	-	71	1.40E-06	1	2360.130	-0.18	Head	2L:-:45090350-45090487,45090195-45090204	exon=> In CDS Exon 9 and 8 of transcript AGAP007299-PA
JHU_Ag_24217	IPIPVPDSSITAHFIR	AGAP007299-PA	-	99	6.31E-10	1	1762.993	4.73	Ovary	2L:-:45091287-45091240	exon=> In CDS Exon 5 of transcript AGAP007299-PA
JHU_Ag_27668	IPIPVPDSSITAHFIR	AGAP007299-PA	-	49	7.07E-05	1	1762.986	0.57	Visceras	2L:-:45091287-45091240	exon=> In CDS Exon 5 of transcript AGAP007299-PA
JHU_Ag_29907	KPTVLSELPDK	AGAP007299-PA	-	60	6.32E-06	1	1226.701	1.69	Malpighian tubule	2L:-:45091068-45091036	exon=> In CDS Exon 6 of transcript AGAP007299-PA
JHU_Ag_31793	KNLQEVLVLANQK	AGAP007299-PA	-	68	4.43E-07	2	1496.889	6.03	Malpighian tubule	2L:-:45090422-45090384	exon=> In CDS Exon 8 of transcript AGAP007299-PA
JHU_Ag_36565	ISELLR	AGAP007299-PA	-	34	0.003849015	2	730.446	0.06	Pupa	2L:-:45095626-45095609	exon=> In CDS Exon 1 of transcript AGAP007299-PA
JHU_Ag_40044	ETENEELTSVLQK	AGAP007299-PA	-	70	2.21E-06	2	1519.750	0.99	Ovary	2L:-:45092495-45092457	exon=> In CDS Exon 2 of transcript AGAP007299-PA
JHU_Ag_44731	LLEVIILQCK	AGAP007299-PA	C9(Carbamidomethyl)	45	0.000161276	2	1228.732	-1.07	Midgut	2L:-:45091780-45091751	exon=> In CDS Exon 4 of transcript AGAP007299-PA
JHU_Ag_45665	ETENEELTSVLQK	AGAP007299-PA	-	76	4.64E-07	2	1519.752	2.19	Malpighian tubule	2L:-:45092495-45092457	exon=> In CDS Exon 2 of transcript AGAP007299-PA
JHU_Ag_51671	KPTVLSELPDK	AGAP007299-PA	-	33	0.002914184	1	1226.700	0.6	Salivary gland	2L:-:45091068-45091036	exon=> In CDS Exon 6 of transcript AGAP007299-PA

JHU_Ag_59790	ETENEELTSVLQK	AGAP007299-PA	-	42	0.001199094	1	1519.746	-1.5	Head	2L:-:45092495-45092457	exon=> In CDS Exon 2 of transcript AGAP007299-PA
JHU_Ag_60387	QWLHDYDCFLGIHDR	AGAP007299-PA	C8(Carbamidomethyl)	47	0.000259164	1	1974.909	8.58	Ovary	2L:-:45091239-45091344,45090808-45091117	exon=> In CDS Exon 6 and 5 of transcript AGAP007299-PA
JHU_Ag_63980	IPIPVPDSSITAHFIR	AGAP007299-PA	-	42	0.000293962	1	1762.987	0.99	Pupa	2L:-:45091287-45091240	exon=> In CDS Exon 5 of transcript AGAP007299-PA
JHU_Ag_64261	LLEIIYELFQK	AGAP007299-PA	-	85	1.29E-08	2	1408.808	-0.72	Midgut	2L:-:45092138-45092534,45091915-45092035	exon=> In CDS Exon 3 and 2 of transcript AGAP007299-PA
JHU_Ag_74363	LLEVIILQCK	AGAP007299-PA	C9(Carbamidomethyl)	53	1.79E-05	2	1228.736	2.11	Salivary gland	2L:-:45091780-45091751	exon=> In CDS Exon 4 of transcript AGAP007299-PA
JHU_Ag_76630	SVLTSNATEESECSAAK	AGAP007299-PA	C13(Carbamidomethyl)	110	8.99E-11	2	1783.800	-0.6	Ovary	2L:-:45091917-45092046,45091652-45091781	exon=> In CDS Exon 4 and 3 of transcript AGAP007299-PA
JHU_Ag_77952	GHIDDFIPSFVELALMR	AGAP007299-PA	M16(Oxidation)	80	1.55E-07	1	1975.994	-0.27	Midgut	2L:-:45091750-45091700	exon=> In CDS Exon 4 of transcript AGAP007299-PA
JHU_Ag_79487	KPTVLSELPDK	AGAP007299-PA	-	59	8.03E-06	2	1226.703	2.99	Larva	2L:-:45091068-45091036	exon=> In CDS Exon 6 of transcript AGAP007299-PA
JHU_Ag_79652	MDTVKISELLR	AGAP007299-PA	N-Term(Acetyl), M1(Oxidation)	54	3.55E-05	2	1362.738	6.08	Malpighian tubule	2L:-:45095641-45095609	exon=> In CDS Exon 1 of transcript AGAP007299-PA
JHU_Ag_83116	NLQEVLVLANQK	AGAP007299-PA	-	64	1.70E-06	2	1368.790	4.27	Malpighian tubule	2L:-:45090419-45090384	exon=> In CDS Exon 8 of transcript AGAP007299-PA
JHU_Ag_84034	IPIPVPDSSITAHFIR	AGAP007299-PA	-	60	5.10E-06	1	1762.995	5.66	Malpighian tubule	2L:-:45091287-45091240	exon=> In CDS Exon 5 of transcript AGAP007299-PA
JHU_Ag_90233	KPTVLSELPDK	AGAP007299-PA	-	35	0.001944347	2	1226.693	-5.27	Head	2L:-:45091068-45091036	exon=> In CDS Exon 6 of transcript AGAP007299-PA
JHU_Ag_97415	KPTVLSELPDK	AGAP007299-PA	-	72	4.20E-07	1	1226.698	-0.69	Midgut	2L:-:45091068-45091036	exon=> In CDS Exon 6 of transcript AGAP007299-PA
JHU_Ag_102644	DITMELLR	AGAP007299-PA	-	64	6.40E-06	2	990.527	-1.46	Head	2L:-:45092528-45092505	exon=> In CDS Exon 2 of transcript AGAP007299-PA
JHU_Ag_103015	LLEVIILQCK	AGAP007299-PA	C9(Carbamidomethyl)	84	1.65E-08	2	1228.738	3.4	Pupa	2L:-:45091780-45091751	exon=> In CDS Exon 4 of transcript AGAP007299-PA
JHU_Ag_107308	IPIPVPDSSITAHFIR	AGAP007299-PA	-	29	0.005889764	3	1762.990	2.96	Larva	2L:-:45091287-45091240	exon=> In CDS Exon 5 of transcript AGAP007299-PA
JHU_Ag_111922	IPIPVPDSSITAHFIR	AGAP007299-PA	-	48	9.04E-05	1	1762.984	-0.36	Midgut	2L:-:45091287-45091240	exon=> In CDS Exon 5 of transcript AGAP007299-PA
JHU_Ag_112819	SGGYQFTQHQIPTTFSFTGQK	AGAP007299-PA	-	64	6.49E-06	1	2360.141	4.47	Malpighian tubule	2L:-:45090350-45090487,45090195-45090204	exon=> In CDS Exon 9 and 8 of transcript AGAP007299-PA
JHU_Ag_113421	SGGYQFTQHQIPTTFSFTGQK	AGAP007299-PA	-	74	7.28E-07	1	2360.132	0.59	Ovary	2L:-:45090350-45090487,45090195-45090204	exon=> In CDS Exon 9 and 8 of transcript AGAP007299-PA
JHU_Ag_113805	GHIDDFIPSFVELALMR	AGAP007299-PA	M16(Oxidation)	78	2.58E-07	1	1976.006	5.47	Ovary	2L:-:45091750-45091700	exon=> In CDS Exon 4 of transcript AGAP007299-PA
JHU_Ag_97585	TMKDEEGIR	AGAP007300-PA	M2(Oxidation)	35	0.004095774	1	1094.519	4.18	Head	2L:-:45097450-45097424	exon=> In CDS Exon 3 of transcript AGAP007300-PA
JHU_Ag_61437	LTSALVVDPLYLQHGYTDSAIDYR	AGAP007305-PA	-	59	1.43E-05	1	2710.379	2.63	Head	2L:-:45116517-45116446	exon=> In CDS Exon 4 of transcript AGAP007305-PA
JHU_Ag_115405	HLDTMMR	AGAP007305-PA	-	30	0.006494473	1	903.428	11.5	Head	2L:-:45115529-45115509	exon=> In CDS Exon 7 of transcript AGAP007305-PA
JHU_Ag_2237	IFSHAYFHHR	AGAP007306-PA	-	36	0.003657766	1	1314.649	0.2	Head	2L:-:45129767-45129738	exon=> In CDS Exon 4 of transcript AGAP007306-PA
JHU_Ag_37485	HTLDGAACLLNSNK	AGAP007306-PA	C8(Carbamidomethyl)	89	1.91E-08	2	1513.744	0.5	Head	2L:-:45129963-45129922	exon=> In CDS Exon 3 of transcript AGAP007306-PA

JHU_Ag_67068	DHLDALTPLPEQEVPTEAPDVDFEALSTK	AGAP007307-PA	-	74	4.96E-07	1	3177.555	2.39	Head	2L:+:45238803-45238820,45238908-45238976	exon=> In CDS Exon 15 and 16 of transcript AGAP007307-PA
JHU_Ag_97043	LPEDLLLVEVK	AGAP007307-PA	-	49	2.65E-05	2	1267.753	1.39	Head	2L:+:45238680-45238712	exon=> In CDS Exon 15 of transcript AGAP007307-PA
JHU_Ag_109422	SDEDGTAGGAPTSDDVNHANEHIR	AGAP007307-PA	-	101	4.00E-10	1	2465.051	-2.09	Head	2L:+:45230651-45230722	exon=> In CDS Exon 8 of transcript AGAP007307-PA
JHU_Ag_3262	EGICGSCAMNIGGTNTLACISK	AGAP007309-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), M9(Oxidation), C19(Carbamidomethyl)	109	9.56E-11	2	2330.038	5.86	Larva	2L:+:45258258-45258323	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_4718	IYPLPHMYVVK	AGAP007309-PA	-	31	0.008698773	2	1359.748	-0.95	Head	2L:+:45258357-45258389	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_5648	KFQIYR	AGAP007309-PA	-	31	0.00344972	1	854.489	0.37	Pupa	2L:+:45258012-45258029	exon=> In CDS Exon 2 of transcript AGAP007309-PA
JHU_Ag_7326	YLGPAVLMQAYR	AGAP007309-PA	M8(Oxidation)	98	1.72E-09	1	1381.729	-0.66	Midgut	2L:+:45258732-45258767	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_10536	GDAQYLQSVDDR	AGAP007309-PA	-	75	3.61E-07	2	1366.624	0.31	Head	2L:+:45258612-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_11288	LKDPFSVYR	AGAP007309-PA	-	53	4.78E-05	1	1124.609	-0.69	Pupa	2L:+:45258816-45258842	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_11930	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	60	1.55E-05	1	1480.746	-0.34	Pupa	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_12431	KGDAQYLQSVDDR	AGAP007309-PA	-	71	1.47E-06	2	1494.725	4.12	Ovary	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_13427	YLGPAVLMQAYR	AGAP007309-PA	M8(Oxidation)	88	1.99E-08	1	1381.734	2.96	Malpighian tubule	2L:+:45258732-45258767	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_17156	AKLDGLYECILCACCSTSCPSYWWNGDK	AGAP007309-PA	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl), C15(Carbamidomethyl), C19(Carbamidomethyl)	30	0.00310488	3	3414.443	2.25	Head	2L:+:45258648-45258731	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_19323	IDADNLDKPTK	AGAP007309-PA	-	74	5.23E-07	2	1229.636	-1.11	Visceras	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_22798	DLVPDMNNFYNQYR	AGAP007309-PA	M6(Oxidation), N7(Deamidated),M6(Oxidation)	75	3.37E-07	2	1804.793	-1.43	Midgut	2L:+:45258390-45258431	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_25121	YLGPAVLMQAYR	AGAP007309-PA	M8(Oxidation)	58	1.89E-05	2	1397.729	3.16	Pupa	2L:+:45258732-45258767	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_25728	DAPGLETAALHNK	AGAP007309-PA	-	87	3.24E-08	1	1336.686	0.16	Pupa	2L:+:45258945-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_27660	KGDAQYLQSVDDR	AGAP007309-PA	Q5(Deamidated),Q8(Deamidated)	117	3.53E-11	1	1494.718	-0.53	Head	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_28496	EGICGSCAMNIGGTNTLACISK	AGAP007309-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C19(Carbamidomethyl),"C4(Carbamidomethyl), C7(Carbamidomethyl), M9(Oxidation), C19(Carbamidomethyl)"	124	2.81E-12	2	2330.022	-1.26	Head	2L:+:45258258-45258323	exon=> In CDS Exon 3 of transcript AGAP007309-PA

JHU_Ag_30911	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	53	8.85E-05	1	1480.748	1.07	Visceras	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_32747	IDADNLDKPTK	AGAP007309-PA	-	45	0.000392727	2	1229.638	0.88	Salivary gland	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_33596	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	52	0.000103252	2	1480.741	-3.72	Salivary gland	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_33714	LKDPFSVYR	AGAP007309-PA	-	52	4.71E-05	1	1124.613	2.65	Malpighian tubule	2L:+:45258816-45258842	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_34376	IDADNLDKPTK	AGAP007309-PA	-	70	1.45E-06	2	1229.644	5.55	Larva	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_35945	IDADNLDKPTK	AGAP007309-PA	-	84	4.65E-08	2	1229.637	-0.21	Pupa	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_37665	KGDAQYLQSVDDR	AGAP007309-PA	-	94	7.10E-09	1	1494.719	0.69	Visceras	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_39649	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	61	1.27E-05	1	1480.745	-1.08	Midgut	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_40848	DLVPDMNNFYNQYR	AGAP007309-PA	M6(Oxidation)	67	2.13E-06	1	1788.806	2.81	Malpighian tubule	2L:+:45258390-45258431	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_42227	KGDAQYLQSVDDR	AGAP007309-PA	-	94	5.91E-09	1	1494.719	0.53	Midgut	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_44240	AIAEIKK	AGAP007309-PA	-	31	0.003616107	1	772.493	0.9	Malpighian tubule	2L:+:45258900-45258920	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_50513	KDAPGLETAALHNK	AGAP007309-PA	-	74	4.30E-07	1	1464.783	1.35	Malpighian tubule	2L:+:45258942-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_51317	DAPGLETAALHNK	AGAP007309-PA	-	112	1.05E-10	1	1336.688	2.08	Head	2L:+:45258945-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_51506	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	66	4.40E-06	1	1480.745	-0.83	Head	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_52289	LKDPFSVYR	AGAP007309-PA	-	39	0.001082038	1	1124.610	0.04	Head	2L:+:45258816-45258842	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_52915	DAPGLETAALHNK	AGAP007309-PA	-	62	7.19E-06	2	1336.700	10.39	Salivary gland	2L:+:45258945-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_53159	DAPGLETAALHNK	AGAP007309-PA	-	79	2.12E-07	1	1336.688	1.9	Midgut	2L:+:45258945-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_53455	WIIDSR	AGAP007309-PA	-	37	0.004145808	2	789.426	0.62	Visceras	2L:+:45258768-45258785	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_53809	IDADNLDKPTK	AGAP007309-PA	-	62	8.71E-06	1	1229.637	-0.15	Head	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_58404	DPFSVYR	AGAP007309-PA	-	41	0.000854718	1	883.431	-0.11	Malpighian tubule	2L:+:45258822-45258842	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_59174	EGICGSCAMNIGGTNTLACISK	AGAP007309-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C19(Carbamidomethyl),"C 4(Carbamidomethyl), C7(Carbamidomethyl), M9(Oxidation), C19(Carbamidomethyl)"	128	1.23E-12	1	2330.025	0.42	Visceras	2L:+:45258258-45258323	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_59561	KGDAQYLQSVDDR	AGAP007309-PA	-	84	6.45E-08	1	1494.724	3.63	Larva	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_61580	KGDAQYLQSVDDR	AGAP007309-PA	-	103	9.15E-10	1	1494.718	0.04	Pupa	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_66769	YLGPAVLMQAYR	AGAP007309-PA	M8(Oxidation)	92	8.84E-09	1	1397.724	-0.51	Head	2L:+:45258732-45258767	exon=> In CDS Exon 4 of transcript AGAP007309-PA

JHU_Ag_70057	LKDPFSVYR	AGAP007309-PA	-	40	0.000855544	1	1124.609	-0.61	Male reproductive organs	2L:+:45258816-45258842	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_70816	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	59	2.07E-05	2	1480.748	1.23	Male reproductive organs	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_70917	IDADNLDKPTK	AGAP007309-PA	-	69	1.75E-06	1	1229.640	2.37	Male reproductive organs	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_71255	KFQIYR	AGAP007309-PA	-	31	0.00344972	1	854.489	1.15	Malpighian tubule	2L:+:45258012-45258029	exon=> In CDS Exon 2 of transcript AGAP007309-PA
JHU_Ag_71744	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	53	5.28E-05	1	1464.756	3.19	Malpighian tubule	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_72632	YLGPAVLMQAYR	AGAP007309-PA	M8(Oxidation)	74	5.13E-07	2	1397.732	5.25	Larva	2L:+:45258732-45258767	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_75095	KGDAQYLQSVDDR	AGAP007309-PA	-	73	7.56E-07	2	1494.720	1.18	Salivary gland	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_75149	KLLSGIAK	AGAP007309-PA	-	29	0.002786314	2	829.550	-0.18	Pupa	2L:+:45258918-45258941	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_75801	KDAPGLETAALHNK	AGAP007309-PA	-	112	7.00E-11	1	1464.780	-0.35	Head	2L:+:45258942-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_78624	EGICGSCAMNIGGTNTLACISK	AGAP007309-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), M9(Oxidation), C19(Carbamidomethyl)	98	1.18E-09	2	2330.030	2.2	Midgut	2L:+:45258258-45258323	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_85243	NEMDPTLTFR	AGAP007309-PA	M3(Oxidation)	72	7.69E-07	1	1239.569	1.44	Head	2L:+:45258216-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_86371	DAPGLETAALHNK	AGAP007309-PA	-	112	1.14E-10	1	1336.688	1.62	Malpighian tubule	2L:+:45258945-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_87975	SIQPWLQR	AGAP007309-PA	-	31	0.005130848	1	1027.570	1.21	Malpighian tubule	2L:+:45258432-45258455	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_90228	GDAQYLQSVDDR	AGAP007309-PA	-	89	1.38E-08	1	1366.620	-2.28	Midgut	2L:+:45258612-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_91253	YLGPAVLMQAYR	AGAP007309-PA	M8(Oxidation)	97	2.58E-09	1	1381.730	0.49	Visceras	2L:+:45258732-45258767	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_93042	KDAPGLETAALHNK	AGAP007309-PA	-	101	7.93E-10	1	1464.783	1.47	Pupa	2L:+:45258942-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_93177	DLVPDMNNFYNQYR	AGAP007309-PA	M6(Oxidation)	37	0.00191	2	1804.798	1	Salivary gland	2L:+:45258390-45258431	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_94319	WIIDSRDESTAAR	AGAP007309-PA	-	57	4.12E-05	1	1519.754	2.51	Malpighian tubule	2L:+:45258768-45258806	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_95350	KGDAQYLQSVDDR	AGAP007309-PA	-	108	2.99E-10	1	1494.722	2.16	Malpighian tubule	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_97141	IDADNLDKPTK	AGAP007309-PA	-	79	1.81E-07	1	1229.647	7.93	Midgut	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_99199	GDAQYLQSVDDR	AGAP007309-PA	-	63	5.61E-06	2	1366.624	0.76	Visceras	2L:+:45258612-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_99380	IKNEMDPTLTFR	AGAP007309-PA	M5(Oxidation)	46	0.000360854	1	1480.752	3.46	Larva	2L:+:45258210-45258245	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_101437	DLVPDMNNFYNQYR	AGAP007309-PA	M6(Oxidation)	73	5.87E-07	1	1804.800	2.49	Pupa	2L:+:45258390-45258431	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_101462	LLSGIAK	AGAP007309-PA	-	31	0.005085455	1	701.455	-0.98	Head	2L:+:45258921-45258941	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_101635	WNPDKPEEKPYNQTYEVDLSACGPMVLDALIK	AGAP007309-PA	C22(Carbamidomethyl)	87	2.03E-08	1	3720.786	-1.8	Visceras	2L:+:45258030-45258068,45258153-45258209	exon=> In CDS Exon 2 and 3 of transcript AGAP007309-PA
JHU_Ag_103398	LLSGIAKK	AGAP007309-PA	-	30	0.001905592	1	829.551	0.7	Malpighian tubule	2L:+:45258921-45258944	exon=> In CDS Exon 4 of transcript AGAP007309-PA

JHU_Ag_103479	DAPGLETAALHNK	AGAP007309-PA	-	97	3.46E-09	1	1336.684	-1.48	Visceras	2L:+:45258945-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_105360	DLVPDMNNFYNQYR	AGAP007309-PA	-	52	6.30E-05	1	1788.799	-1.22	Visceras	2L:+:45258390-45258431	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_110303	IYPLPHMYVVK	AGAP007309-PA	M7(Oxidation)	34	0.005162761	1	1359.746	-2.74	Midgut	2L:+:45258357-45258389	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_110326	DLVPDMNNFYNQYR	AGAP007309-PA	M6(Oxidation)	34	0.00490396	2	1804.807	6.08	Larva	2L:+:45258390-45258431	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_112349	LLSGIAK	AGAP007309-PA	-	40	0.000678156	2	701.456	0.74	Visceras	2L:+:45258921-45258941	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_113254	DAPGLETAALHNK	AGAP007309-PA	-	79	2.12E-07	2	1336.686	0.62	Male reproductive organs	2L:+:45258945-45258983	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_113667	DLVPDMNNFYNQYR	AGAP007309-PA	M6(Oxidation)	95	3.38E-09	2	1804.798	1.27	Head	2L:+:45258390-45258431	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_114521	LDGLYECILCACCSTSCPSYWWNGDK	AGAP007309-PA	C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl), C13(Carbamidomethyl), C17(Carbamidomethyl)	70	2.18E-07	1	3215.313	3	Visceras	2L:+:45258654-45258731	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_115016	IDADNLDKPTK	AGAP007309-PA	-	84	4.89E-08	2	1229.639	1.77	Malpighian tubule	2L:+:45258324-45258356	exon=> In CDS Exon 3 of transcript AGAP007309-PA
JHU_Ag_115555	WNPDKPEEKPYNQTYEVDLSACGPMVLDALIK	AGAP007309-PA	C22(Carbamidomethyl), M25(Oxidation)	56	2.41E-05	1	3736.782	-1.57	Midgut	2L:+:45258030-45258068,45258153-45258209	exon=> In CDS Exon 2 and 3 of transcript AGAP007309-PA
JHU_Ag_115597	KGDAQYLQSVDDR	AGAP007309-PA	-	84	6.86E-08	1	1494.719	0.37	Male reproductive organs	2L:+:45258609-45258647	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_117198	LKDPFSVYR	AGAP007309-PA	-	52	5.59E-05	1	1124.608	-1.42	Midgut	2L:+:45258816-45258842	exon=> In CDS Exon 4 of transcript AGAP007309-PA
JHU_Ag_5469	TDYTYSELSPHR	AGAP007310-PA	-	43	0.000642018	2	1468.672	0.84	Head	2L:+:45263290-45263325	exon=> In CDS Exon 2 of transcript AGAP007310-PA
JHU_Ag_11780	WTDLSDLTGTYFDQLK	AGAP007310-PA	-	43	0.000717576	2	1902.913	0.25	Visceras	2L:+:45264497-45264544	exon=> In CDS Exon 4 of transcript AGAP007310-PA
JHU_Ag_21813	LASQNSVDAVR	AGAP007310-PA	-	58	3.06E-05	2	1159.617	8.93	Male reproductive organs	2L:+:45264545-45264577	exon=> In CDS Exon 4 of transcript AGAP007310-PA
JHU_Ag_35469	QAATAVAANAQLAK	AGAP007310-PA	-	70	8.51E-07	2	1327.733	0.03	Ovary	2L:+:45262792-45262833	exon=> In CDS Exon 1 of transcript AGAP007310-PA
JHU_Ag_44872	QAATAVAANAQLAK	AGAP007310-PA	-	85	2.90E-08	2	1327.733	0.4	Malpighian tubule	2L:+:45262792-45262833	exon=> In CDS Exon 1 of transcript AGAP007310-PA
JHU_Ag_49950	ASLPSEFPDLPELK	AGAP007310-PA	-	53	5.94E-05	2	1542.806	0.33	Salivary gland	2L:+:45264344-45264385	exon=> In CDS Exon 4 of transcript AGAP007310-PA
JHU_Ag_56217	VVTSDYSSEDVSPDRAR	AGAP007310-PA	-	51	9.88E-05	1	1882.883	2.58	Malpighian tubule	2L:+:45262741-45262791	exon=> In CDS Exon 1 of transcript AGAP007310-PA
JHU_Ag_61556	ASLPSEFPDLPELK	AGAP007310-PA	-	95	4.23E-09	1	1542.806	0.73	Ovary	2L:+:45264344-45264385	exon=> In CDS Exon 4 of transcript AGAP007310-PA
JHU_Ag_70872	WTDLSDLTGTYFDQLK	AGAP007310-PA	-	92	9.93E-09	2	1902.913	0.57	Ovary	2L:+:45264497-45264544	exon=> In CDS Exon 4 of transcript AGAP007310-PA
JHU_Ag_82091	SQPQNIGDVIETR	AGAP007310-PA	N-Term(Acetyl)	45	0.000393297	2	1498.757	5.13	Malpighian tubule	2L:+:45262507-45262545	exon=> In CDS Exon 1 of transcript AGAP007310-PA
JHU_Ag_85484	LASQNSVDAVR	AGAP007310-PA	-	46	0.00049461	2	1159.607	0.41	Salivary gland	2L:+:45264545-45264577	exon=> In CDS Exon 4 of transcript AGAP007310-PA
JHU_Ag_89429	SQPQNIGDVIETR	AGAP007310-PA	N-Term(Acetyl)	56	3.02E-05	2	1498.752	1.47	Ovary	2L:+:45262507-45262545	exon=> In CDS Exon 1 of transcript AGAP007310-PA

JHU_Ag_91920	ASLPSEFPDLPELK	AGAP007310-PA	-	77	2.50E-07	1	1542.803	-1.33	Midgut	2L:+:45264344-45264385	exon=> In CDS Exon 4 of transcript AGAP007310-PA
JHU_Ag_94496	VILTPEELQQHAAYK	AGAP007310-PA	-	111	7.59E-11	1	1739.933	-0.03	Ovary	2L:+:45263203-45263247	exon=> In CDS Exon 2 of transcript AGAP007310-PA
JHU_Ag_101289	VVTSDYSSEDVSPDR	AGAP007310-PA	-	93	4.89E-09	1	1655.741	0.8	Ovary	2L:+:45262741-45262785	exon=> In CDS Exon 1 of transcript AGAP007310-PA
JHU_Ag_101367	EVAPGLVAMPNMSRPSLNK	AGAP007310-PA	M9(Oxidation), M12(Oxidation)	46	0.000322205	1	2043.040	1.86	Ovary	2L:+:45263329-45263385	exon=> In CDS Exon 2 of transcript AGAP007310-PA
JHU_Ag_114683	VVTSDYSSEDVSPDR	AGAP007310-PA	-	126	2.39E-12	1	1655.742	1.47	Head	2L:+:45262741-45262785	exon=> In CDS Exon 1 of transcript AGAP007310-PA
JHU_Ag_17324	ELNDIK	AGAP007311-PA	N3(Deamidated)	40	0.002926333	1	732.381	4.74	Larva	2L:+:45266828-45266845	exon=> In CDS Exon 1 of transcript AGAP007311-PA
JHU_Ag_22672	QLEQQLK	AGAP007311-PA	Q1(Deamidated), Q4(Deamidated), Q5(Deamidated)	34	0.006645635	2	889.449	-2.54	Head	2L:+:45266924-45266944	exon=> In CDS Exon 1 of transcript AGAP007311-PA
JHU_Ag_61308	GLPAFLNFSNNIR	AGAP007320-PA	N11(Deamidated),N10(Deamidated)	88	1.93E-08	1	1462.781	0.76	Male reproductive organs	2L:-:45340118-45340080	exon=> In CDS Exon 1 of transcript AGAP007320-PA
JHU_Ag_7660	VYVGNLGSSASK	AGAP007325-PA,AGAP007325-PB	-	74	4.87E-07	1	1181.617	1.05	Ovary	2L:-:45359717-45359682;2L:-:45359717-45359682	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_7953	YREWDLQCK	AGAP007325-PA,AGAP007325-PB	C8(Carbamidomethyl)	33	0.005743404	1	1297.600	0.08	Head	2L:-:45359744-45359718;2L:-:45359744-45359718	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_27538	NPPGFAFVEFEDK	AGAP007325-PA,AGAP007325-PB	-	94	6.60E-09	1	1496.709	1.9	Head	2L:-:45359621-45359583;2L:-:45359621-45359583	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_42363	RDAEDAVR	AGAP007325-PA,AGAP007325-PB	-	46	0.000324441	2	931.457	-2.19	Head	2L:-:45359582-45359559;2L:-:45359582-45359559	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_52929	HEIESAFGK	AGAP007325-PA,AGAP007325-PB	-	58	2.25E-05	1	1017.499	-0.94	Ovary	2L:-:45359681-45359655;2L:-:45359681-45359655	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_58656	NPPGFAFVEFEDKR	AGAP007325-PA,AGAP007325-PB	-	54	7.75E-05	1	1652.807	0.36	Midgut	2L:-:45359621-45359580;2L:-:45359621-45359580	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_64366	NPPGFAFVEFEDKR	AGAP007325-PA,AGAP007325-PB	-	50	0.000186837	1	1652.808	0.58	Malpighian tubule	2L:-:45359621-45359580;2L:-:45359621-45359580	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_68318	NPPGFAFVEFEDKR	AGAP007325-PA,AGAP007325-PB	-	53	8.99E-05	1	1652.808	0.66	Male reproductive organs	2L:-:45359621-45359580;2L:-:45359621-45359580	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_69257	HEIESAFGK	AGAP007325-PA,AGAP007325-PB	-	43	0.000597697	1	1017.495	-5.08	Head	2L:-:45359681-45359655;2L:-:45359681-45359655	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB

JHU_Ag_70616	NPPGFAFVEFEDKR	AGAP007325-PA,AGAP007325-PB	-	54	7.62E-05	2	1652.811	2.5	Ovary	2L:-:45359621-45359580;2L:-:45359621-45359580	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_74334	VYVGNLGSSASK	AGAP007325-PA,AGAP007325-PB	-	42	0.000878461	2	1181.615	-0.81	Male reproductive organs	2L:-:45359717-45359682;2L:-:45359717-45359682	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_81724	NPPGFAFVEFEDKR	AGAP007325-PA,AGAP007325-PB	-	69	2.40E-06	1	1652.807	0.07	Head	2L:-:45359621-45359580;2L:-:45359621-45359580	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_83981	VYVGNLGSSASK	AGAP007325-PA,AGAP007325-PB	-	74	5.15E-07	1	1181.615	-0.85	Head	2L:-:45359717-45359682;2L:-:45359717-45359682	exon=> In CDS Exon 1 of transcript AGAP007325-PA;exon=> In CDS Exon 1 of transcript AGAP007325-PB
JHU_Ag_98783	IRVEMSSGR	AGAP007325-PA,AGAP007325-PB	-	43	0.000947389	1	1034.542	0.69	Malpighian tubule	2L:-:45359447-45359421;2L:-:45359447-45359421	exon=> In CDS Exon 2 of transcript AGAP007325-PA;exon=> In CDS Exon 2 of transcript AGAP007325-PB
JHU_Ag_16028	TTGADANSYFAMK	AGAP007333-PA	M12(Oxidation)	64	3.28E-06	2	1376.619	3.02	Malpighian tubule	2L:+:45631847-45631885	exon=> In CDS Exon 4 of transcript AGAP007333-PA
JHU_Ag_53004	DKLNIPGYLTPDSR	AGAP007333-PA	-	55	4.20E-05	1	1588.833	0.26	Ovary	2L:+:45632781-45632822	exon=> In CDS Exon 8 of transcript AGAP007333-PA
JHU_Ag_71396	LGSGPTDGQAVR	AGAP007333-PA	-	90	1.05E-08	1	1157.593	2	Malpighian tubule	2L:+:45632865-45632900	exon=> In CDS Exon 8 of transcript AGAP007333-PA
JHU_Ag_96195	NVNWDDVVKR	AGAP007333-PA	-	45	0.000430711	1	1244.639	0.36	Ovary	2L:+:45632919-45632948	exon=> In CDS Exon 8 of transcript AGAP007333-PA
JHU_Ag_99540	LGSGPTDGQAVR	AGAP007333-PA	-	79	1.14E-07	2	1157.591	0.32	Ovary	2L:+:45632865-45632900	exon=> In CDS Exon 8 of transcript AGAP007333-PA
JHU_Ag_6312	VISESDRIIDETK	AGAP007334-PA	-	61	1.22E-05	1	1504.794	5.71	Male reproductive organs	2L:+:45638790-45638797,45638870-45638900	exon=> In CDS Exon 1 and 2 of transcript AGAP007334-PA
JHU_Ag_13706	VLEETVEQIRR	AGAP007334-PA	-	50	9.50E-05	1	1371.764	3.26	Male reproductive organs	2L:+:45639213-45639245	exon=> In CDS Exon 2 of transcript AGAP007334-PA
JHU_Ag_18553	VLEETVEQIR	AGAP007334-PA	-	50	0.000157227	2	1215.661	2.41	Male reproductive organs	2L:+:45639213-45639242	exon=> In CDS Exon 2 of transcript AGAP007334-PA
JHU_Ag_61194	HTTEESKSEVDFR	AGAP007334-PA	-	43	0.00070167	2	1564.727	1.92	Male reproductive organs	2L:+:45638901-45638939	exon=> In CDS Exon 2 of transcript AGAP007334-PA
JHU_Ag_66475	ATIYLIDR	AGAP007334-PA	-	40	0.000489096	2	964.548	1.72	Male reproductive organs	2L:+:45639252-45639275	exon=> In CDS Exon 2 of transcript AGAP007334-PA
JHU_Ag_71827	ELDVTEGGIALLEK	AGAP007334-PA	-	66	3.44E-06	1	1486.800	0.06	Male reproductive organs	2L:+:45639171-45639212	exon=> In CDS Exon 2 of transcript AGAP007334-PA
JHU_Ag_113448	SYVDQLLR	AGAP007334-PA	-	45	0.000388581	2	993.536	-0.41	Male reproductive organs	2L:+:45639549-45639572	exon=> In CDS Exon 3 of transcript AGAP007334-PA
JHU_Ag_116406	EIAEKEGYVALAQTR	AGAP007334-PA	-	105	3.30E-10	1	1677.896	8.85	Male reproductive organs	2L:+:45639735-45639779	exon=> In CDS Exon 3 of transcript AGAP007334-PA
JHU_Ag_684	ILEEMIEEVDEDK	AGAP007339-PA	M5(Oxidation)	94	4.61E-09	1	1607.737	0.46	Ovary	2L:-:45706940-45707047,45706562-45706812	exon=> In CDS Exon 4 and 3 of transcript AGAP007339-PA
JHU_Ag_9540	TGSISSDMVAEILR	AGAP007339-PA	M8(Oxidation)	109	2.34E-10	1	1494.753	4.05	Malpighian tubule	2L:-:45707009-45706968	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_13908	FIVEEDEEALQK	AGAP007339-PA	-	66	4.31E-06	2	1449.712	0.6	Visceras	2L:-:45706766-45706731	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_23485	AFNSFDREK	AGAP007339-PA	-	29	0.012594743	1	1113.531	-0.88	Midgut	2L:-:45707036-45707010	exon=> In CDS Exon 3 of transcript AGAP007339-PA

JHU_Ag_28712	MDDLTPEQIAILQK	AGAP007339-PA	N-Term(Acetyl)	40	0.001266071	2	1656.861	5.59	Malpighian tubule	2L:-:45709781-45709781,45706904-45707037	exon=> In CDS Exon 3 and 1 of transcript AGAP007339-PA
JHU_Ag_38621	FIVEEDEEALQK	AGAP007339-PA	-	61	1.14E-05	1	1449.711	0.1	Male reproductive organs	2L:-:45706766-45706731	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_39058	MDDLTPEQIAILQK	AGAP007339-PA	N-Term(Acetyl), M1(Oxidation)	48	0.000262932	2	1672.854	4.41	Malpighian tubule	2L:-:45709781-45709781,45706904-45707037	exon=> In CDS Exon 3 and 1 of transcript AGAP007339-PA
JHU_Ag_42026	LYDKEGNGFIPTTCLR	AGAP007339-PA	N7(Deamidated), C14(Carbamidomethyl)	58	2.36E-05	1	1884.916	0.17	Male reproductive organs	2L:-:45706709-45706662	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_43575	FIVEEDEEALQK	AGAP007339-PA	-	66	3.89E-06	2	1449.714	2.37	Malpighian tubule	2L:-:45706766-45706731	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_45527	TGSISSDMVAEILR	AGAP007339-PA	-	54	6.73E-05	2	1478.753	0.74	Pupa	2L:-:45707009-45706968	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_52034	LMGQPFNSK	AGAP007339-PA	M2(Oxidation)	37	0.003165284	2	1037.508	-0.26	Ovary	2L:-:45706967-45706941	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_59870	SGQIEFAEFVTLAAK	AGAP007339-PA	-	42	0.000878908	2	1610.840	-1.71	Head	2L:-:45706811-45706767	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_61262	FIVEEDEEALQK	AGAP007339-PA	-	66	4.55E-06	2	1449.713	1.78	Pupa	2L:-:45706766-45706731	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_64606	AFNSFDREK	AGAP007339-PA	-	45	0.000303478	1	1113.534	1.42	Malpighian tubule	2L:-:45707036-45707010	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_65469	TGSISSDMVAEILRLMGQPFNSK	AGAP007339-PA	M8(Oxidation), M16(Oxidation)	96	3.63E-09	1	2513.244	2.75	Malpighian tubule	2L:-:45707009-45706941	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_70965	TGSISSDMVAEILR	AGAP007339-PA	-	94	6.60E-09	2	1478.759	4.46	Head	2L:-:45707009-45706968	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_74143	TGSISSDMVAEILR	AGAP007339-PA	M8(Oxidation)	88	2.90E-08	1	1494.747	0.13	Male reproductive organs	2L:-:45707009-45706968	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_79307	AFNSFDR	AGAP007339-PA	-	38	0.000955325	1	856.396	1.34	Malpighian tubule	2L:-:45707036-45707016	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_81054	FIVEEDEEALQK	AGAP007339-PA	-	69	2.11E-06	1	1449.708	-1.84	Head	2L:-:45706766-45706731	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_81372	TGSISSDMVAEILR	AGAP007339-PA	M8(Oxidation)	92	9.47E-09	1	1494.749	1.2	Ovary	2L:-:45707009-45706968	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_84777	SGQIEFAEFVTLAAK	AGAP007339-PA	-	109	1.68E-10	1	1610.845	1.54	Ovary	2L:-:45706811-45706767	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_88715	TGSISSDMVAEILR	AGAP007339-PA	M8(Oxidation)	107	3.12E-10	2	1478.752	-0.17	Midgut	2L:-:45707009-45706968	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_97188	FIVEEDEEALQK	AGAP007339-PA	-	87	3.04E-08	1	1449.714	2.46	Midgut	2L:-:45706766-45706731	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_100213	FIVEEDEEALQKELR	AGAP007339-PA	-	37	0.002986295	1	1847.947	4.36	Malpighian tubule	2L:-:45706766-45706722	exon=> In CDS Exon 4 of transcript AGAP007339-PA
JHU_Ag_102147	ILEEMIEEVDEDK	AGAP007339-PA	-	57	3.14E-05	2	1591.744	2.26	Head	2L:-:45706940-45707047,45706562-45706812	exon=> In CDS Exon 4 and 3 of transcript AGAP007339-PA
JHU_Ag_110709	MDDLTPEQIAILQK	AGAP007339-PA	N-Term(Acetyl), M1(Oxidation)	55	5.05E-05	2	1672.848	0.77	Ovary	2L:-:45709781-45709781,45706904-45707037	exon=> In CDS Exon 3 and 1 of transcript AGAP007339-PA
JHU_Ag_111700	MDDLTPEQIAILQK	AGAP007339-PA	N-Term(Acetyl)	37	0.002334586	2	1656.851	-0.01	Midgut	2L:-:45709781-45709781,45706904-45707037	exon=> In CDS Exon 3 and 1 of transcript AGAP007339-PA
JHU_Ag_112322	AFNSFDR	AGAP007339-PA	-	43	0.000309137	2	856.395	-0.29	Ovary	2L:-:45707036-45707016	exon=> In CDS Exon 3 of transcript AGAP007339-PA
JHU_Ag_116845	FIVEEDEEALQK	AGAP007339-PA	-	90	1.77E-08	1	1449.711	0.35	Ovary	2L:-:45706766-45706731	exon=> In CDS Exon 4 of transcript AGAP007339-PA

JHU_Ag_9138	YLLITK	AGAP007340-PB,AGAP007340-PA	-	37	5.09E-05	2	750.477	1.44	Salivary gland	2L:+:45855550-45855567;2L:+:45855550-45855567	exon=> In CDS Exon 8 of transcript AGAP007340-PB;exon=> In CDS Exon 6 of transcript AGAP007340-PA
JHU_Ag_28080	TFEEILALFR	AGAP007340-PB,AGAP007340-PA	-	48	0.000133094	2	1238.681	2.38	Salivary gland	2L:+:45872210-45872239;2L:+:45872210-45872239	exon=> In CDS Exon 14 of transcript AGAP007340-PB;exon=> In CDS Exon 12 of transcript AGAP007340-PA
JHU_Ag_45334	TFEEILALFR	AGAP007340-PB,AGAP007340-PA	-	72	5.04E-07	1	1238.679	0.8	Midgut	2L:+:45872210-45872239;2L:+:45872210-45872239	exon=> In CDS Exon 14 of transcript AGAP007340-PB;exon=> In CDS Exon 12 of transcript AGAP007340-PA
JHU_Ag_48126	HELDTVQQVK	AGAP007340-PB,AGAP007340-PA	-	57	2.25E-05	1	1196.622	-4	Head	2L:+:45853030-45853059;2L:+:45853030-45853059	exon=> In CDS Exon 5 of transcript AGAP007340-PB;exon=> In CDS Exon 3 of transcript AGAP007340-PA
JHU_Ag_96293	YLLITK	AGAP007340-PB,AGAP007340-PA	-	27	0.000418822	1	750.476	-0.09	Midgut	2L:+:45855550-45855567;2L:+:45855550-45855567	exon=> In CDS Exon 8 of transcript AGAP007340-PB;exon=> In CDS Exon 6 of transcript AGAP007340-PA
JHU_Ag_87888	IEELLK	AGAP007341-PA	-	31	0.008249243	1	744.452	2.67	Head	2L:+:45893665-45893682	exon=> In CDS Exon 2 of transcript AGAP007341-PA
JHU_Ag_7860	NLLNDDITDDIK	AGAP007347-PA	-	82	8.78E-08	1	1388.692	1.09	Head	2L:-:45981309-45981461,45981093-45981195	exon=> In CDS Exon 3 and 2 of transcript AGAP007347-PA
JHU_Ag_10506	YWCDSGYGSNDCK	AGAP007347-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	99	2.06E-11	1	1611.584	-0.08	Salivary gland	2L:-:45981360-45981322	exon=> In CDS Exon 2 of transcript AGAP007347-PA
JHU_Ag_34820	YWCDSGYGSNDCK	AGAP007347-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	104	5.96E-12	1	1611.583	-0.61	Head	2L:-:45981360-45981322	exon=> In CDS Exon 2 of transcript AGAP007347-PA
JHU_Ag_36878	NLLNDDITDDIK	AGAP007347-PA	-	88	2.41E-08	1	1388.690	0.03	Salivary gland	2L:-:45981309-45981461,45981093-45981195	exon=> In CDS Exon 3 and 2 of transcript AGAP007347-PA
JHU_Ag_48485	NLLNDDITDDIK	AGAP007347-PA	-	51	0.000133307	2	1388.690	-0.41	Midgut	2L:-:45981309-45981461,45981093-45981195	exon=> In CDS Exon 3 and 2 of transcript AGAP007347-PA
JHU_Ag_59777	NGSTDYGIFQINNK	AGAP007347-PA	N1(Deamidated)	79	1.47E-07	1	1571.738	3.04	Visceras	2L:-:45981402-45981361	exon=> In CDS Exon 2 of transcript AGAP007347-PA
JHU_Ag_61346	ASLPDWVCLVQNESAFSTSATNK	AGAP007347-PA	C8(Carbamidomethyl)	78	2.50E-07	2	2525.206	3.29	Head	2L:-:45981544-45981661,45981309-45981409	exon=> In CDS Exon 2 and 1 of transcript AGAP007347-PA
JHU_Ag_68456	HGFNAWYGWK	AGAP007347-PA	-	48	0.000212677	1	1265.588	2.35	Ovary	2L:-:45981170-45981141	exon=> In CDS Exon 3 of transcript AGAP007347-PA
JHU_Ag_70797	NLLNDDITDDIK	AGAP007347-PA	-	61	1.16E-05	1	1388.692	1.35	Visceras	2L:-:45981309-45981461,45981093-45981195	exon=> In CDS Exon 3 and 2 of transcript AGAP007347-PA
JHU_Ag_72056	LPNVSSCF	AGAP007347-PA	C7(Carbamidomethyl)	38	0.001784292	1	923.429	-0.64	Salivary gland	2L:-:45981119-45981096	exon=> In CDS Exon 3 of transcript AGAP007347-PA
JHU_Ag_81223	HGFNAWYGWK	AGAP007347-PA	-	83	6.50E-08	1	1265.586	0.42	Salivary gland	2L:-:45981170-45981141	exon=> In CDS Exon 3 of transcript AGAP007347-PA
JHU_Ag_81777	NLLNDDITDDIK	AGAP007347-PA	-	61	1.15E-05	2	1388.691	0.65	Malpighian tubule	2L:-:45981309-45981461,45981093-45981195	exon=> In CDS Exon 3 and 2 of transcript AGAP007347-PA
JHU_Ag_82142	ASLPDWVCLVQNESAFSTSATNK	AGAP007347-PA	C8(Carbamidomethyl)	80	1.71E-07	2	2525.211	5.03	Visceras	2L:-:45981544-45981661,45981309-45981409	exon=> In CDS Exon 2 and 1 of transcript AGAP007347-PA
JHU_Ag_84536	ASLPDWVCLVQNESAFSTSATNK	AGAP007347-PA	C8(Carbamidomethyl)	50	0.000156708	2	2525.203	2.23	Malpighian tubule	2L:-:45981544-45981661,45981309-45981409	exon=> In CDS Exon 2 and 1 of transcript AGAP007347-PA
JHU_Ag_89774	ASLPDWVCLVQNESAFSTSATNK	AGAP007347-PA	C8(Carbamidomethyl)	135	5.18E-13	1	2525.202	1.84	Salivary gland	2L:-:45981544-45981661,45981309-45981409	exon=> In CDS Exon 2 and 1 of transcript AGAP007347-PA

JHU_Ag_89966	NGSTDYGIFQINNK	AGAP007347-PA	-	115	3.83E-11	1	1570.752	1.64	Head	2L:-:45981402-45981361	exon=> In CDS Exon 2 of transcript AGAP007347-PA
JHU_Ag_91377	KLPNVSSCF	AGAP007347-PA	C8(Carbamidomethyl)	70	1.35E-06	2	1051.525	0.54	Head	2L:-:45981122-45981096	exon=> In CDS Exon 3 of transcript AGAP007347-PA
JHU_Ag_92018	ALANNGIAK	AGAP007347-PA	N5(Deamidated)	55	5.31E-05	1	872.484	0.39	Salivary gland	2L:-:45981571-45981545	exon=> In CDS Exon 1 of transcript AGAP007347-PA
JHU_Ag_96242	KLPNVSSCF	AGAP007347-PA	C8(Carbamidomethyl)	63	7.16E-06	2	1051.526	2.17	Salivary gland	2L:-:45981122-45981096	exon=> In CDS Exon 3 of transcript AGAP007347-PA
JHU_Ag_107875	ASLPDWVCLVQNESAFSTSATNKNK	AGAP007347-PA	C8(Carbamidomethyl)	75	4.35E-07	1	2767.358	7.96	Malpighian tubule	2L:-:45981544-45981661,45981309-45981403	exon=> In CDS Exon 2 and 1 of transcript AGAP007347-PA
JHU_Ag_108204	NGSTDYGIFQINNK	AGAP007347-PA	N1(Deamidated), N12(Deamidated),N1(Deamidated)	117	2.90E-11	1	1570.749	-0.38	Salivary gland	2L:-:45981402-45981361	exon=> In CDS Exon 2 of transcript AGAP007347-PA
JHU_Ag_117368	HGFNAWYGWK	AGAP007347-PA	-	60	1.26E-05	1	1265.587	1.48	Malpighian tubule	2L:-:45981170-45981141	exon=> In CDS Exon 3 of transcript AGAP007347-PA
JHU_Ag_31454	DDYDEDYLLQK	AGAP007348-PB,AGAP007348-PA	-	81	4.06E-08	2	1416.620	2.28	Head	2L:+:45983817-45983849;2L:+:45983817-45983849	exon=> In CDS Exon 3 of transcript AGAP007348-PB;exon=> In CDS Exon 3 of transcript AGAP007348-PA
JHU_Ag_12221	TGGTSATSQSGGLGHESQSEVVANEK	AGAP007349-PA	-	178	2.37E-17	1	2518.170	1.87	Salivary gland	2L:-:45993510-45993433	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_13858	SKPLFQSIGLFGK	AGAP007349-PA	-	39	0.000475137	1	1421.819	2.35	Salivary gland	2L:-:45993098-45993060	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_14048	TGGTSATSQSGGLGHESQSEVVANEK	AGAP007349-PA	-	171	9.98E-17	1	2518.173	3.18	Midgut	2L:-:45993510-45993433	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_18950	TGGTSATSQSGGLGHESQSEVVANEK	AGAP007349-PA	-	58	2.23E-05	1	2518.167	0.49	Ovary	2L:-:45993510-45993433	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_20384	EGALSSAQGTGGVGK	AGAP007349-PA	-	87	3.59E-08	1	1318.663	2.24	Malpighian tubule	2L:-:45993585-45993541	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_26325	VFTQGGPTQK	AGAP007349-PA	-	37	0.003578627	1	1062.559	0.6	Malpighian tubule	2L:-:45992590-45992561	exon=> In CDS Exon 10 of transcript AGAP007349-PA
JHU_Ag_29560	AEAEATQHSSR	AGAP007349-PA	-	68	1.24E-06	2	1186.545	0.08	Head	2L:-:45998015-45997983	exon=> In CDS Exon 1 of transcript AGAP007349-PA
JHU_Ag_31849	EGALSSAQGTGGVGK	AGAP007349-PA	-	58	2.90E-05	2	1318.661	0.76	Midgut	2L:-:45993585-45993541	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_33382	TGGTSATSQSGGLGHESQSEVVANEK	AGAP007349-PA	-	98	2.35E-09	1	2518.174	3.62	Head	2L:-:45993510-45993433	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_37104	EGALSSAQGTGGVGK	AGAP007349-PA	-	58	2.43E-05	2	1318.662	1.96	Pupa	2L:-:45993585-45993541	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_37347	NGEVMASAQGR	AGAP007349-PA	M5(Oxidation),"N1(Deamidated), M5(Oxidation)"	54	3.27E-05	2	1136.502	1.86	Malpighian tubule	2L:-:45993741-45993709	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_38275	SKPLFQSIGLFGK	AGAP007349-PA	-	89	4.12E-09	1	1421.815	0.12	Malpighian tubule	2L:-:45993098-45993060	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_42067	QTAFVPHGDNFR	AGAP007349-PA	-	39	0.001959386	1	1388.671	0.22	Malpighian tubule	2L:-:45992560-45992525	exon=> In CDS Exon 10 of transcript AGAP007349-PA
JHU_Ag_42240	FGIAYHGAAQAASGTK	AGAP007349-PA	-	97	3.62E-09	1	1549.783	4.47	Malpighian tubule	2L:-:45993173-45993126	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_47340	EGALSSAQGTGGVGK	AGAP007349-PA	-	80	1.75E-07	2	1318.661	1.04	Head	2L:-:45993585-45993541	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_53564	GQTQSQYLHFGNSQDGK	AGAP007349-PA	-	51	0.000112948	1	1894.870	1.33	Malpighian tubule	2L:-:45998066-45998016	exon=> In CDS Exon 1 of transcript AGAP007349-PA
JHU_Ag_54849	EQVDTYR	AGAP007349-PA	-	36	0.002471914	2	910.428	1.26	Malpighian tubule	2L:-:45993125-45993105	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_59054	TGGTSATSQSGGLGHESQSEVVANEK	AGAP007349-PA	-	199	1.81E-19	1	2518.170	1.87	Malpighian tubule	2L:-:45993510-45993433	exon=> In CDS Exon 7 of transcript AGAP007349-PA

JHU_Ag_62094	AEAEATQHSSR	AGAP007349-PA	Q7(Deamidated)	47	9.13E-05	2	1187.526	-2.7	Malpighian tubule	2L:-:45998015-45997983	exon=> In CDS Exon 1 of transcript AGAP007349-PA
JHU_Ag_79502	SKPLFQSIGLFGK	AGAP007349-PA	-	42	0.000210 52	2	1421.817	1.15	Ovary	2L:-:45993098-45993060	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_84173	EGALSSAQGTGGVGK	AGAP007349-PA	-	37	0.003819 208	2	1318.666	4.46	Larva	2L:-:45993585-45993541	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_89430	SKPLFQSIGLFGK	AGAP007349-PA	-	42	0.000199 557	2	1421.820	3.21	Head	2L:-:45993098-45993060	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_104815	AEAEATQHSSR	AGAP007349-PA	-	79	9.60E-08	1	1186.544	-0.84	Salivary gland	2L:-:45998015-45997983	exon=> In CDS Exon 1 of transcript AGAP007349-PA
JHU_Ag_108850	FGIAYHGAAQAASGTKEQVDTYR	AGAP007349-PA	-	70	1.52E-06	1	2441.206	8.67	Malpighian tubule	2L:-:45993173-45993105	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_108891	FGIAYHGAAQAASGTK	AGAP007349-PA	-	93	9.38E-09	1	1549.778	1.56	Head	2L:-:45993173-45993126	exon=> In CDS Exon 8 of transcript AGAP007349-PA
JHU_Ag_112385	SQSLVQVDSK	AGAP007349-PA	-	74	7.12E-07	2	1090.577	2.44	Malpighian tubule	2L:-:45993540-45993511	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_115803	AAQAQVSGGKEGALSSAQGTGGVGK	AGAP007349-PA	-	135	4.72E-13	1	2216.129	1.01	Malpighian tubule	2L:-:45993615-45993541	exon=> In CDS Exon 7 of transcript AGAP007349-PA
JHU_Ag_97476	IMAQDELR	AGAP007358-PA,AGAP007358-PB	Q4(Deamidated)	38	0.002906 794	2	976.477	0.17	Malpighian tubule	2L:+:46038251-46038274;2L:+:46038251-46038274	exon=> In CDS Exon 1 of transcript AGAP007358-PA;exon=> In CDS Exon 1 of transcript AGAP007358-PB
JHU_Ag_16958	TDAPFLLR	AGAP007358-PB,AGAP007358-PA	-	39	0.001594 656	2	932.521	1.21	Pupa	2L:+:46038356-46038379;2L:+:46038356-46038379	exon=> In CDS Exon 1 of transcript AGAP007358-PB;exon=> In CDS Exon 1 of transcript AGAP007358-PA
JHU_Ag_65625	LSEFILSVLSEK	AGAP007358-PB,AGAP007358-PA	-	70	5.58E-07	2	1364.771	2.53	Pupa	2L:+:46038839-46038874;2L:+:46038839-46038874	exon=> In CDS Exon 1 of transcript AGAP007358-PB;exon=> In CDS Exon 1 of transcript AGAP007358-PA
JHU_Ag_3984	TLSVILHPDKETGDEK	AGAP007361-PA	-	41	0.000977 919	1	1781.924	-2.21	Salivary gland	2L:+:46058297-46058344	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_6090	AYQALTDDEAR	AGAP007361-PA	-	39	0.001777 522	2	1252.584	2.94	Malpighian tubule	2L:+:46058366-46058398	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_6792	NLQQLAQLKPDTR	AGAP007361-PA	-	59	7.77E-06	2	1524.848	-0.75	Midgut	2L:+:46059206-46059244	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_7764	SHTLLTVPYHVTNLIHR	AGAP007361-PA	-	71	5.42E-07	1	2001.106	1.54	Salivary gland	2L:+:46060337-46060387	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_7951	HNNQVIERPSDNVEVPALIR	AGAP007361-PA	-	34	0.003326 161	1	2300.216	2.36	Head	2L:+:46058702-46058761	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_12307	IPLNPNTLEVDR	AGAP007361-PA	-	43	0.000518 439	2	1380.750	1.15	Ovary	2L:+:46058858-46058893	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_17238	SHTLLTVPYHVTNLIHR	AGAP007361-PA	-	53	3.41E-05	1	2001.105	1	Malpighian tubule	2L:+:46060337-46060387	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_17390	LPSIETIENCMK	AGAP007361-PA	C10(Carbamidomethyl), M11(Oxidation)	73	7.67E-07	1	1450.689	-1.68	Salivary gland	2L:+:46059059-46059094	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_17909	LSPMVIQGLR	AGAP007361-PA	M4(Oxidation)	55	3.53E-05	2	1129.641	0.83	Salivary gland	2L:+:46059095-46059124	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_25412	SLNDEQYHNAVK	AGAP007361-PA	-	78	1.84E-07	1	1417.672	1.23	Salivary gland	2L:+:46059260-46059295	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_28094	NLQQLAQLKPDTR	AGAP007361-PA	-	98	9.04E-10	2	1524.851	0.85	Salivary gland	2L:+:46059206-46059244	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_31679	SLNDEQYHNAVK	AGAP007361-PA	-	80	1.14E-07	1	1417.676	3.64	Malpighian tubule	2L:+:46059260-46059295	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_31862	SMSDLFGDTTAK	AGAP007361-PA	M2(Oxidation)	72	3.60E-07	1	1288.573	0.42	Salivary gland	2L:+:46059416-46059451	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_40288	HEYWWTYICDR	AGAP007361-PA	C9(Carbamidomethyl)	49	8.91E-05	1	1628.700	3	Ovary	2L:+:46060301-46060333	exon=> In CDS Exon 7 of transcript AGAP007361-PA

JHU_Ag_41641	AYQALTDDEAR	AGAP007361-PA	-	62	8.89E-06	2	1252.581	0.21	Salivary gland	2L:+:46058366-46058398	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_43169	SDSYIGMDQQLDLK	AGAP007361-PA	M7(Oxidation)	42	0.000689223	2	1628.750	1.69	Larva	2L:+:46060457-46060498	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_48255	IPLNPNTLEVDR	AGAP007361-PA	-	34	0.004357876	1	1380.754	4.06	Larva	2L:+:46058858-46058893	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_54281	HEYWWTYICDR	AGAP007361-PA	C9(Carbamidomethyl)	60	6.73E-06	1	1628.700	2.7	Malpighian tubule	2L:+:46060301-46060333	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_63089	SDSYIGMDQQLDLK	AGAP007361-PA	M7(Oxidation)	71	9.98E-07	1	1628.749	0.94	Salivary gland	2L:+:46060457-46060498	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_64512	VSHPVHCPLFPEEK	AGAP007361-PA	C7(Carbamidomethyl)	61	1.43E-05	1	1675.819	-4.19	Salivary gland	2L:+:46060182-46060217,46060295-46060300	exon=> In CDS Exon 6 and 7 of transcript AGAP007361-PA
JHU_Ag_64910	SHTLLTVPYHVTNLIHR	AGAP007361-PA	-	70	5.55E-07	1	2001.110	3.56	Ovary	2L:+:46060337-46060387	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_67837	SDSYIGMDQQLDLK	AGAP007361-PA	M7(Oxidation)	63	6.23E-06	1	1628.746	-0.56	Midgut	2L:+:46060457-46060498	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_68393	IPLNPNTLEVDR	AGAP007361-PA	-	62	7.92E-06	2	1380.748	0	Head	2L:+:46058858-46058893	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_69590	SLNDEQYHNAVK	AGAP007361-PA	-	61	9.56E-06	2	1417.672	0.88	Pupa	2L:+:46059260-46059295	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_79679	IPLNPNTLEVDR	AGAP007361-PA	-	82	7.34E-08	1	1380.749	0.7	Salivary gland	2L:+:46058858-46058893	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_81011	AYQALTDDEAR	AGAP007361-PA	-	55	4.59E-05	2	1252.584	3.04	Male reproductive organs	2L:+:46058366-46058398	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_83270	AYQALTDDEAR	AGAP007361-PA	-	37	0.002814063	2	1252.583	2.16	Ovary	2L:+:46058366-46058398	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_84077	IPLNPNTLEVDR	AGAP007361-PA	-	89	1.53E-08	1	1380.748	0.17	Male reproductive organs	2L:+:46058858-46058893	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_87399	SHTLLTVPYHVTNLIHR	AGAP007361-PA	-	74	2.67E-07	1	2001.103	0.26	Midgut	2L:+:46060337-46060387	exon=> In CDS Exon 7 of transcript AGAP007361-PA
JHU_Ag_90986	YGNPDGPGATSFGIALPSWIVEK	AGAP007361-PA	-	49	0.000145809	1	2376.201	5.92	Salivary gland	2L:+:46058414-46058482	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_93716	AYQALTDDEAR	AGAP007361-PA	-	36	0.003115167	2	1252.582	1.09	Pupa	2L:+:46058366-46058398	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_94516	IPLNPNTLEVDR	AGAP007361-PA	-	74	4.27E-07	1	1380.748	-0.09	Midgut	2L:+:46058858-46058893	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_99672	NLQQLAQLKPDTRR	AGAP007361-PA	-	34	0.001214227	1	1680.958	4.7	Malpighian tubule	2L:+:46059206-46059247	exon=> In CDS Exon 3 of transcript AGAP007361-PA
JHU_Ag_100754	AILHAHLSR	AGAP007361-PA	-	40	0.000501506	1	1017.595	-0.12	Salivary gland	2L:+:46058831-46058857	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_101081	VIMILAASFEFEKR	AGAP007361-PA	M3(Oxidation)	60	1.05E-05	1	1669.897	-0.69	Salivary gland	2L:+:46058660-46058701	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_102568	IPLNPNTLEVDR	AGAP007361-PA	-	54	4.19E-05	2	1380.748	-0.27	Pupa	2L:+:46058858-46058893	exon=> In CDS Exon 2 of transcript AGAP007361-PA
JHU_Ag_104795	QGITESNENGDGDGDADGELEAGTDDQKPEGK	AGAP007361-PA	N9(Deamidated)	82	1.41E-08	1	3249.348	1.59	Salivary gland	2L:+:46059458-46059468,46059538-46059622	exon=> In CDS Exon 3 and 4 of transcript AGAP007361-PA
JHU_Ag_106203	VSHPVHCPLFPEEK	AGAP007361-PA	C7(Carbamidomethyl)	86	4.75E-08	1	1675.834	4.7	Midgut	2L:+:46060182-46060217,46060295-46060300	exon=> In CDS Exon 6 and 7 of transcript AGAP007361-PA
JHU_Ag_44142	TEDNNGAGAGDGAEAEGANEDEISSK	AGAP007362-PA	N5(Deamidated),N4(Deamidated)	131	1.89E-13	2	2509.014	2.38	Head	2L:-:46067613-46068006,46062367-46062418	exon=> In CDS Exon 3 and 2 of transcript AGAP007362-PA

JHU_Ag_4654	VYISGMSGNK	AGAP007362-PA,AGAP007362-PB	M6(Oxidation)	41	0.000873479	1	1071.515	0.79	Male reproductive organs	2L:-:46078244-46078215;2L:-:46078244-46078215	exon=> In CDS Exon 1 of transcript AGAP007362-PA;exon=> In CDS Exon 1 of transcript AGAP007362-PB
JHU_Ag_17428	HALPPQLFNDTEYCGDYDDFDMANEVDNLEVFLK	AGAP007362-PA,AGAP007362-PB	C14(Carbamidomethyl), M22(Oxidation)	262	2.80E-26	1	4050.762	-1.53	Ovary	2L:-:46067847-46067746;2L:-:46067847-46067746	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_27546	HIEYTVIDITEPGQEGEK	AGAP007362-PA,AGAP007362-PB	-	112	1.25E-10	2	2058.004	0.86	Head	2L:-:46067961-46067908;2L:-:46067961-46067908	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_29650	DFMQTNAQHK	AGAP007362-PA,AGAP007362-PB	M3(Oxidation),"M3(Oxidation), Q4(Deamidated)"	73	4.03E-07	1	1235.548	0.11	Head	2L:-:46067907-46067878;2L:-:46067907-46067878	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_34988	LAAPAAPEPEHK	AGAP007362-PA,AGAP007362-PB	-	39	0.00228778	1	1230.649	1.28	Midgut	2L:-:46067745-46067710;2L:-:46067745-46067710	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_53554	HIEYTVIDITEPGQEGEKDFMQTNAQHK	AGAP007362-PA,AGAP007362-PB	M21(Oxidation)	104	4.95E-10	1	3274.532	-0.11	Ovary	2L:-:46067961-46067878;2L:-:46067961-46067878	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_53623	GCTISDPNPR	AGAP007362-PA,AGAP007362-PB	C2(Carbamidomethyl)	43	0.000330615	2	1116.511	0.56	Malpighian tubule	2L:-:46067877-46067848;2L:-:46067877-46067848	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_56051	VYISGMSGNK	AGAP007362-PA,AGAP007362-PB	M6(Oxidation)	51	7.85E-05	1	1071.513	-1.14	Ovary	2L:-:46078244-46078215;2L:-:46078244-46078215	exon=> In CDS Exon 1 of transcript AGAP007362-PA;exon=> In CDS Exon 1 of transcript AGAP007362-PB
JHU_Ag_56389	HIEYTVIDITEPGQEGEK	AGAP007362-PA,AGAP007362-PB	-	100	1.89E-09	1	2058.010	3.59	Malpighian tubule	2L:-:46067961-46067908;2L:-:46067961-46067908	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_61115	NGDETTAPPATGDDDATNTAAAEDEDENK	AGAP007362-PA,AGAP007362-PB	-	88	3.43E-09	2	2935.189	1.78	Head	2L:-:46067709-46067623;2L:-:46067709-46067623	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_63226	HIEYTVIDITEPGQEGEK	AGAP007362-PA,AGAP007362-PB	-	103	9.96E-10	2	2058.007	1.93	Midgut	2L:-:46067961-46067908;2L:-:46067961-46067908	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_89997	HIEYTVIDITEPGQEGEKDFMQTNAQHK	AGAP007362-PA,AGAP007362-PB	M21(Oxidation)	62	8.76E-06	1	3274.532	-0.03	Visceras	2L:-:46067961-46067878;2L:-:46067961-46067878	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_91991	HIEYTVIDITEPGQEGEK	AGAP007362-PA,AGAP007362-PB	-	106	4.06E-10	1	2058.018	7.62	Ovary	2L:-:46067961-46067908;2L:-:46067961-46067908	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_97575	HIEYTVIDITEPGQEGEKDFMQTNAQHK	AGAP007362-PA,AGAP007362-PB	M21(Oxidation)	73	7.01E-07	1	3274.544	3.68	Midgut	2L:-:46067961-46067878;2L:-:46067961-46067878	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB

JHU_Ag_104739	VTMIMDSK	AGAP007362-PA,AGAP007362-PB	M3(Oxidation), M5(Oxidation)	39	0.001137479	2	956.443	-0.06	Ovary	2L:-:46067985-46067962;2L:-:46067985-46067962	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_105159	LAAPAAPEPEHK	AGAP007362-PA,AGAP007362-PB	-	63	8.94E-06	1	1230.648	0.08	Ovary	2L:-:46067745-46067710;2L:-:46067745-46067710	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_106679	GCTISDPNPR	AGAP007362-PA,AGAP007362-PB	C2(Carbamidomethyl)	50	7.82E-05	2	1116.510	-0.2	Visceras	2L:-:46067877-46067848;2L:-:46067877-46067848	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_109975	LAAPAAPEPEHKNGDETTAPPATGDDDATNTAAAEDEDENK	AGAP007362-PA,AGAP007362-PB	N13(Deamidated)	38	0.000651718	1	4147.802	1.12	Head	2L:-:46067745-46067623;2L:-:46067745-46067623	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_114616	LAAPAAPEPEHK	AGAP007362-PA,AGAP007362-PB	-	33	0.007716391	1	1230.647	-1.03	Malpighian tubule	2L:-:46067745-46067710;2L:-:46067745-46067710	exon=> In CDS Exon 2 of transcript AGAP007362-PA;exon=> In CDS Exon 2 of transcript AGAP007362-PB
JHU_Ag_57771	MLSFFR	AGAP007363-PA	-	31	0.003790475	1	800.421	10.84	Pupa	2L:+:46079819-46079836	exon=> In CDS Exon 1 of transcript AGAP007363-PA
JHU_Ag_31822	EEAPAASLNSSASR	AGAP007364-PA	-	83	7.65E-08	2	1389.667	4.33	Ovary	2L:+:46082295-46082334,46082923-46082924	exon=> In CDS Exon 2 and 3 of transcript AGAP007364-PA
JHU_Ag_47862	LVLDEKAGSR	AGAP007364-PA	-	73	8.11E-07	1	1087.614	3.01	Malpighian tubule	2L:+:46081906-46081935	exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_365	VGHDEEQHYEDSSFDECDTPAGVLSSK	AGAP007365-PA	Q7(Deamidated), C17(Carbamidomethyl),C17(Carbamidomethyl)	163	1.27E-16	1	3038.272	4.09	Ovary	2L:+:46084558-46084638	exon=> In CDS Exon 1 of transcript AGAP007365-PA
JHU_Ag_4666	EGLEAIINEIAELK	AGAP007365-PA	-	75	2.34E-07	2	1541.851	5.71	Malpighian tubule	2L:+:46085921-46085962	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_6590	HQNQQNQQQQQYYNGPSSPESGMR	AGAP007365-PA	M23(Oxidation)	171	4.54E-17	1	2850.233	2.87	Ovary	2L:+:46086321-46086392	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_10425	QLAEIVLDEK	AGAP007365-PA	-	60	1.04E-05	1	1157.646	4.32	Malpighian tubule	2L:+:46085158-46085187	exon=> In CDS Exon 1 of transcript AGAP007365-PA
JHU_Ag_12372	VLAETGHDYESLR	AGAP007365-PA	-	69	1.88E-06	1	1489.731	1.72	Visceras	2L:+:46085858-46085896	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_15123	KPFNGYQNNQK	AGAP007365-PA	N4(Deamidated)	63	6.91E-06	1	1338.648	3.55	Ovary	2L:+:46086225-46086257	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_18128	EDERTELNELLDCHYDPDK	AGAP007365-PA	C13(Carbamidomethyl)	82	6.08E-08	1	2391.051	4.37	Ovary	2L:+:46085963-46086019	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_24948	NGNVPQNQNGNNQMAK	AGAP007365-PA	N9(Deamidated),N12(Deamidated)	71	9.55E-07	2	1727.797	5.16	Malpighian tubule	2L:+:46086168-46086215	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_25823	AGQPFFSNK	AGAP007365-PA	-	38	0.002129956	1	995.496	1.6	Malpighian tubule	2L:+:46086068-46086068,46086142-46086167	exon=> In CDS Exon 3 and 4 of transcript AGAP007365-PA
JHU_Ag_32069	REGLEAIINEIAELK	AGAP007365-PA	-	72	3.33E-07	1	1697.956	7.46	Ovary	2L:+:46085918-46085962	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_36087	MCAVLCEYASPISTEISELDEQEK	AGAP007365-PA	C2(Carbamidomethyl), C6(Carbamidomethyl),"M1(Oxidation), C2(Carbamidomethyl), C6(Carbamidomethyl)"	158	1.85E-15	1	2818.260	4.68	Ovary	2L:+:46085628-46085699	exon=> In CDS Exon 2 of transcript AGAP007365-PA

JHU_Ag_36346	QLAEIVLDEKAGSR	AGAP007365-PA	-	91	7.69E-09	2	1528.840	4.81	Malpighian tubule	2L:+:46085158-46085199	exon=> In CDS Exon 1 of transcript AGAP007365-PA
JHU_Ag_37899	NHNGNHHAYSNSNR	AGAP007365-PA	N1(Deamidated), N3(Deamidated), N11(Deamidated),"N3(Deamidated), N5(Deamidated)","N3(Deamidated), N5(Deamidated), N11(Deamidated)","N3(Deamidated), N11(Deamidated)","N1(Deamidated), N5(Deamidated)",N3(Deamidated)	78	9.23E-08	1	1622.686	3.47	Ovary	2L:+:46086504-46086545	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_42374	NGNVPQNQNGNNQMAK	AGAP007365-PA	N11(Deamidated), M14(Oxidation),"N9(Deamidated), M14(Oxidation)"	75	2.90E-07	1	1744.776	5.08	Ovary	2L:+:46086168-46086215	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_46278	GGNGQNQNQNGGQNQQPMKNHNGNHHAYSNSNR	AGAP007365-PA	Q16(Deamidated), N20(Deamidated),"N10(Deamidated), Q13(Deamidated), M18(Oxidation)","Q9(Deamidated), N10(Deamidated), Q13(Deamidated), M18(Oxidation)"	77	9.96E-08	1	3603.551	6.79	Malpighian tubule	2L:+:46086447-46086545	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_54996	KPFNGYQNNQK	AGAP007365-PA	-	57	3.08E-05	1	1337.662	1.92	Malpighian tubule	2L:+:46086225-46086257	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_56139	EEAPAASLNSSASRPLTEEDREK	AGAP007365-PA	-	102	1.04E-09	1	2487.205	3.54	Ovary	2L:+:46085559-46085627	exon=> In CDS Exon 2 of transcript AGAP007365-PA
JHU_Ag_57768	VGHDEEQHYEDSSFDECDTPAGVLSSK	AGAP007365-PA	C17(Carbamidomethyl)	133	1.26E-13	1	3038.270	3.6	Malpighian tubule	2L:+:46084558-46084638	exon=> In CDS Exon 1 of transcript AGAP007365-PA
JHU_Ag_57826	QNSLRPVFLLYFK	AGAP007365-PA	-	85	1.48E-08	1	1624.927	3.88	Malpighian tubule	2L:+:46085712-46085750	exon=> In CDS Exon 2 of transcript AGAP007365-PA
JHU_Ag_60271	EGLEAIINEIAELKEDER	AGAP007365-PA	-	101	1.06E-09	2	2071.065	4.83	Ovary	2L:+:46085921-46085974	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_72159	NHNGNHHAYSNSNR	AGAP007365-PA	N3(Deamidated)	33	0.002348236	1	1622.679	-1.05	Malpighian tubule	2L:+:46086504-46086545	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_72567	QNSLRPVFLLYFKTTIYHR	AGAP007365-PA	-	37	0.00056751	1	2396.338	5.93	Malpighian tubule	2L:+:46085712-46085767,46085833-46085833	exon=> In CDS Exon 2 and 3 of transcript AGAP007365-PA
JHU_Ag_74433	ENRKPFNGYQNNQK	AGAP007365-PA	N7(Deamidated)	61	1.35E-05	1	1736.852	3.05	Malpighian tubule	2L:+:46086216-46086257	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_74444	KEEAPAASLNSSASRPLTEEDR	AGAP007365-PA	-	102	8.58E-10	1	2358.124	-12.29	Ovary	2L:+:46085556-46085621	exon=> In CDS Exon 2 of transcript AGAP007365-PA
JHU_Ag_76707	AGQPFFSNK	AGAP007365-PA	-	48	0.000182545	1	995.497	2.52	Ovary	2L:+:46086068-46086068,46086142-46086167	exon=> In CDS Exon 3 and 4 of transcript AGAP007365-PA
JHU_Ag_77184	VLAETGHDYESLRQVWQEK	AGAP007365-PA	-	102	9.46E-10	1	2288.144	5.81	Malpighian tubule	2L:+:46085858-46085914	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_77279	RVLAETGHDYESLR	AGAP007365-PA	-	80	1.75E-07	1	1645.834	2.82	Malpighian tubule	2L:+:46085855-46085896	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_82897	EEAPAASLNSSASRPLTEEDREK	AGAP007365-PA	-	71	1.43E-06	1	2487.205	3.83	Malpighian tubule	2L:+:46085559-46085627	exon=> In CDS Exon 2 of transcript AGAP007365-PA

JHU_Ag_86031	RVLAETGHDYESLR	AGAP007365-PA	-	79	2.03E-07	1	1645.835	3.37	Ovary	2L:+:46085855-46085896	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_94363	VLAETGHDYESLR	AGAP007365-PA	-	114	5.63E-11	1	1489.729	0.73	Ovary	2L:+:46085858-46085896	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_94401	VLAETGHDYESLR	AGAP007365-PA	-	114	5.54E-11	1	1489.733	3.11	Malpighian tubule	2L:+:46085858-46085896	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_97168	EGLEAIINEIAELKEDER	AGAP007365-PA	-	51	9.90E-05	1	2071.062	3.23	Visceras	2L:+:46085921-46085974	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_100726	QLAEIVLDEK	AGAP007365-PA	-	65	3.18E-06	2	1157.646	4	Ovary	2L:+:46085158-46085187	exon=> In CDS Exon 1 of transcript AGAP007365-PA
JHU_Ag_102524	EEAPAASLNSSASRPLTEEDR	AGAP007365-PA	-	91	1.38E-08	1	2230.061	0.99	Ovary	2L:+:46085559-46085621	exon=> In CDS Exon 2 of transcript AGAP007365-PA
JHU_Ag_103643	EGLEAIINEIAELK	AGAP007365-PA	-	119	9.30E-12	1	1541.841	-1.1	Ovary	2L:+:46085921-46085962	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_108149	AGQPFFSNKNGNVPQNQNGNNQMAK	AGAP007365-PA	N20(Deamidated), M23(Oxidation),"N12(Deamidated), Q15(Deamidated)","N18(Deamidated), M23(Oxidation)","N12(Deamidated), Q15(Deamidated), M23(Oxidation)","Q22(Deamidated), M23(Oxidation)",M23(Oxidation),"N21(Deamidated), M23(Oxidation)","N10(Deamidated), M23(Oxidation)","N8(Deamidated), M23(Oxidation)"	51	9.40E-05	1	2722.238	3.76	Malpighian tubule	2L:+:46086068-46086068,46086142-46086215	exon=> In CDS Exon 3 and 4 of transcript AGAP007365-PA
JHU_Ag_112905	TELNELLDCHYDPDK	AGAP007365-PA	C9(Carbamidomethyl)	63	5.39E-06	1	1861.832	2.74	Malpighian tubule	2L:+:46085975-46086019	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_114285	HQNQQNQQQQQYYNGPSSPESGMR	AGAP007365-PA	M23(Oxidation)	46	0.000174211	1	2850.235	3.77	Malpighian tubule	2L:+:46086321-46086392	exon=> In CDS Exon 4 of transcript AGAP007365-PA
JHU_Ag_114396	QNSLRPVFLLYFK	AGAP007365-PA	-	38	0.000641784	2	1624.927	3.85	Visceras	2L:+:46085712-46085750	exon=> In CDS Exon 2 of transcript AGAP007365-PA
JHU_Ag_115899	TELNELLDCHYDPDK	AGAP007365-PA	C9(Carbamidomethyl)	90	1.14E-08	1	1861.833	3.07	Ovary	2L:+:46085975-46086019	exon=> In CDS Exon 3 of transcript AGAP007365-PA
JHU_Ag_117674	QNSLRPVFLLYFK	AGAP007365-PA	Q1(Deamidated),N2(Deamidated)	85	1.63E-08	1	1624.916	-2.88	Ovary	2L:+:46085712-46085750	exon=> In CDS Exon 2 of transcript AGAP007365-PA
JHU_Ag_5324	LLDRFSESVK	AGAP007365-PA,AGAP007364-PA	-	51	7.86E-05	1	1193.657	4.08	Malpighian tubule	2L:+:46085059-46085088;2L:+:46081795-46081824	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_6083	MAFEISR	AGAP007365-PA,AGAP007364-PA	M1(Oxidation)	54	4.01E-05	2	853.427	4.14	Malpighian tubule	2L:+:46085236-46085256;2L:+:46081972-46081992	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_7639	TKMEVAALNEFLDWLEER	AGAP007365-PA,AGAP007364-PA	M3(Oxidation)	125	4.93E-12	1	2210.092	5.45	Ovary	2L:+:46084906-46084959;2L:+:46081642-46081695	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_8005	EDEGSEGIVLVYHEQR	AGAP007365-PA,AGAP007364-PA	-	56	3.46E-05	1	1859.876	-0.5	Ovary	2L:+:46084966-46085013;2L:+:46081702-46081749	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA

JHU_Ag_9752	AGSRDGFEGNAAYR	AGAP007365-PA,AGAP007364-PA	-	77	2.10E-07	1	1470.677	3.36	Malpighian tubule	2L:+:46085188-46085229;2L:+:46081924-46081965	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_14614	MEVAALNEFLDWLEER	AGAP007365-PA,AGAP007364-PA	M1(Oxidation)	125	5.64E-12	1	1980.949	5.87	Ovary	2L:+:46084912-46084959;2L:+:46081648-46081695	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_18850	FDKTDLSINTNPLPHGK	AGAP007365-PA,AGAP007364-PA	-	76	2.72E-07	1	1896.990	4.7	Malpighian tubule	2L:+:46084639-46084689;2L:+:46081375-46081425	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_25532	YTLIGLDIDTTGR	AGAP007365-PA,AGAP007364-PA	-	85	3.84E-08	1	1437.765	4.61	Ovary	2L:+:46084690-46084728;2L:+:46081426-46081464	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_26381	YTLIGLDIDTTGRR	AGAP007365-PA,AGAP007364-PA	-	68	1.30E-06	1	1593.864	3.04	Malpighian tubule	2L:+:46084690-46084731;2L:+:46081426-46081467	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_26574	LREDEGSEGIVLVYHEQR	AGAP007365-PA,AGAP007364-PA	-	95	4.64E-09	1	2129.071	4.06	Malpighian tubule	2L:+:46084960-46085013;2L:+:46081696-46081749	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_28323	FVPYMVIEALKK	AGAP007365-PA,AGAP007364-PA	M5(Oxidation)	63	2.17E-06	1	1437.818	0.04	Ovary	2L:+:46085017-46085052;2L:+:46081753-46081788	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_28858	FVPYMVIEALK	AGAP007365-PA,AGAP007364-PA	M5(Oxidation)	46	0.00020261	2	1309.723	0.33	Ovary	2L:+:46085017-46085049;2L:+:46081753-46081785	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_29962	SFVNGFKLAEEK	AGAP007365-PA,AGAP007364-PA	N4(Deamidated)	74	4.09E-07	1	1368.722	4.82	Malpighian tubule	2L:+:46085089-46085124;2L:+:46081825-46081860	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_31491	EYAQYIMPLMNLNPAAR	AGAP007365-PA,AGAP007364-PA	M7(Oxidation), M10(Oxidation)	81	1.32E-07	1	2026.978	2.71	Malpighian tubule	2L:+:46084777-46084827;2L:+:46081513-46081563	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_33658	VITVGFFR	AGAP007365-PA,AGAP007364-PA	-	52	3.50E-05	2	938.545	-0.5	Male reproductive organs	2L:+:46084846-46084869;2L:+:46081582-46081605	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_36819	VITVGFFRMLK	AGAP007365-PA,AGAP007364-PA	M9(Oxidation)	43	0.00026784	1	1326.767	5.14	Malpighian tubule	2L:+:46084846-46084878;2L:+:46081582-46081614	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_37225	LIDEIVQISAFTPEKEYAQYIMPLMNLNPAAR	AGAP007365-PA,AGAP007364-PA	M22(Oxidation), M25(Oxidation)	140	8.00E-14	1	3710.892	2.85	Ovary	2L:+:46084732-46084827;2L:+:46081468-46081563	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_38946	LIDEIVQISAFTPEK	AGAP007365-PA,AGAP007364-PA	-	62	4.78E-06	2	1702.932	3.33	Visceras	2L:+:46084732-46084776;2L:+:46081468-46081512	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_42909	TDLSINTNPLPHGK	AGAP007365-PA,AGAP007364-PA	-	95	4.66E-09	1	1506.796	3.35	Ovary	2L:+:46084648-46084689;2L:+:46081384-46081425	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_50885	LREDEGSEGIVLVYHEQR	AGAP007365-PA,AGAP007364-PA	-	82	9.32E-08	1	2129.069	3.2	Visceras	2L:+:46084960-46085013;2L:+:46081696-46081749	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_52465	YTLIGLDIDTTGRR	AGAP007365-PA,AGAP007364-PA	-	73	4.43E-07	1	1593.859	-0.52	Ovary	2L:+:46084690-46084731;2L:+:46081426-46081467	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_57957	DGFEGNAAYR	AGAP007365-PA,AGAP007364-PA	-	68	9.98E-07	1	1099.483	2.81	Malpighian tubule	2L:+:46085200-46085229;2L:+:46081936-46081965	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA

JHU_Ag_58981	LIDEIVQISAFTPEK	AGAP007365-PA,AGAP007364-PA	-	102	6.10E-10	1	1702.929	1.75	Ovary	2L:+:46084732-46084776;2L:+:46081468-46081512	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_59132	TIKYLTIR	AGAP007365-PA,AGAP007364-PA	-	33	0.000404 66	1	1007.628	3.43	Malpighian tubule	2L:+:46085134-46085157;2L:+:46081870-46081893	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_63294	SFVNGFK	AGAP007365-PA,AGAP007364-PA	N4(Deamidated)	43	0.000356 729	1	798.418	4.78	Ovary	2L:+:46085089-46085109;2L:+:46081825-46081845	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_68686	LREDEGSEGIVLVYHEQR	AGAP007365-PA,AGAP007364-PA	-	79	1.87E-07	1	2129.072	4.4	Male reproductive organs	2L:+:46084960-46085013;2L:+:46081696-46081749	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_69633	YTLIGLDIDTTGR	AGAP007365-PA,AGAP007364-PA	-	54	4.42E-05	2	1437.771	8.68	Malpighian tubule	2L:+:46084690-46084728;2L:+:46081426-46081464	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_75097	KFVPYMVIEALK	AGAP007365-PA,AGAP007364-PA	M6(Oxidation)	41	0.000437 8	1	1453.819	4.37	Ovary	2L:+:46085014-46085049;2L:+:46081750-46081785	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_85625	FDKTDLSINTNPLPHGK	AGAP007365-PA,AGAP007364-PA	-	96	3.00E-09	1	1896.988	3.63	Ovary	2L:+:46084639-46084689;2L:+:46081375-46081425	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_86612	DGFEGNAAYR	AGAP007365-PA,AGAP007364-PA	-	83	3.46E-08	1	1099.484	2.92	Ovary	2L:+:46085200-46085229;2L:+:46081936-46081965	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_87555	LIDEIVQISAFTPEKEYAQYIMPLMNLNPAAR	AGAP007365-PA,AGAP007364-PA	M22(Oxidation), M25(Oxidation),M22(Oxidation)	49	9.33E-05	1	3710.902	5.71	Malpighian tubule	2L:+:46084732-46084827;2L:+:46081468-46081563	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_88835	LIDEIVQISAFTPEK	AGAP007365-PA,AGAP007364-PA	-	81	5.73E-08	2	1702.937	6.56	Malpighian tubule	2L:+:46084732-46084776;2L:+:46081468-46081512	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_94294	LREDEGSEGIVLVYHEQR	AGAP007365-PA,AGAP007364-PA	-	114	6.25E-11	1	2129.070	3.8	Ovary	2L:+:46084960-46085013;2L:+:46081696-46081749	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_98624	VITVGFFR	AGAP007365-PA,AGAP007364-PA	-	52	3.40E-05	2	938.550	4.71	Malpighian tubule	2L:+:46084846-46084869;2L:+:46081582-46081605	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_101657	VITVGFFR	AGAP007365-PA,AGAP007364-PA	-	44	0.000186 742	1	938.551	5.29	Ovary	2L:+:46084846-46084869;2L:+:46081582-46081605	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_102719	ARMAFEISR	AGAP007365-PA,AGAP007364-PA	M3(Oxidation)	44	0.000578 499	3	1096.559	1.81	Malpighian tubule	2L:+:46085230-46085256;2L:+:46081966-46081992	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_104085	EYAQYIMPLMNLNPAAR	AGAP007365-PA,AGAP007364-PA	M7(Oxidation), M10(Oxidation)	90	1.76E-08	1	2026.982	4.52	Ovary	2L:+:46084777-46084827;2L:+:46081513-46081563	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_104294	MAFEISR	AGAP007365-PA,AGAP007364-PA	M1(Oxidation)	44	0.000307 586	2	869.419	0.99	Ovary	2L:+:46085236-46085256;2L:+:46081972-46081992	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_105571	VITVGFFR	AGAP007365-PA,AGAP007364-PA	-	49	6.68E-05	2	938.547	0.94	Visceras	2L:+:46084846-46084869;2L:+:46081582-46081605	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_105687	RLIDEIVQISAFTPEK	AGAP007365-PA,AGAP007364-PA	-	103	3.11E-10	1	1859.029	0.92	Ovary	2L:+:46084729-46084776;2L:+:46081465-46081512	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA

JHU_Ag_108611	TDLSINTNPLPHGK	AGAP007365-PA,AGAP007364-PA	-	64	5.00E-06	1	1506.799	5.46	Malpighian tubule	2L:+:46084648-46084689;2L:+:46081384-46081425	exon=> In CDS Exon 1 of transcript AGAP007365-PA;exon=> In CDS Exon 1 of transcript AGAP007364-PA
JHU_Ag_19554	LMSLLR	AGAP007366-PA	-	40	0.000448 18	2	732.447	3.85	Malpighian tubule	2L:-:46088887-46088947,46088760-46088800	exon=> In CDS Exon 2 and 1 of transcript AGAP007366-PA
JHU_Ag_18280	FASAASEYFNR	AGAP007367-PA	-	32	0.006760 83	1	1262.585	4.2	Head	2L:+:46107322-46107350,46107422-46107425	exon=> In CDS Exon 3 and 4 of transcript AGAP007367-PA
JHU_Ag_73778	FASAASEYFNR	AGAP007367-PA	-	38	0.001453 187	2	1262.580	-0.34	Midgut	2L:+:46107322-46107350,46107422-46107425	exon=> In CDS Exon 3 and 4 of transcript AGAP007367-PA
JHU_Ag_6156	FYQCIDGNPYPLR	AGAP007368-PA	C4(Carbamidomethyl)	94	4.82E-09	1	1642.778	5.84	Larva	2L:-:46105246-46105208	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_14245	DICDEPENVECELRPGLPTPPTPGICNDAPNNVLRPNPTACNK	AGAP007368-PA	C3(Carbamidomethyl), C11(Carbamidomethyl), C26(Carbamidomethyl), C41(Carbamidomethyl)	108	1.13E-10	1	4841.249	2.03	Larva	2L:-:46104784-46104656	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_17884	DEPDFGLVPSEYACYR	AGAP007368-PA	C14(Carbamidomethyl)	38	0.001007 531	1	1917.839	3.19	Larva	2L:-:46104904-46104857	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_20603	SPLQVDCPHGATPPPEDPYMMCNGVEGFGLVR	AGAP007368-PA	C7(Carbamidomethyl), M20(Oxidation), M21(Oxidation), C22(Carbamidomethyl), N23(Deamidated),"C7(Carbamidomethyl), M20(Oxidation), M21(Oxidation), C22(Carbamidomethyl)"	112	4.65E-11	1	3560.582	6.57	Larva	2L:-:46104166-46104071	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_26569	NEYYCYR	AGAP007368-PA	C5(Carbamidomethyl)	26	0.005166 772	1	1067.428	3.15	Larva	2L:-:46103242-46103222	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_31224	AGLWFDQER	AGAP007368-PA	-	65	5.13E-06	1	1121.543	4.49	Larva	2L:-:46102771-46102745	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_33306	NSVPYPMICR	AGAP007368-PA	M7(Oxidation), C9(Carbamidomethyl)	41	0.001236 995	2	1252.588	5.07	Larva	2L:-:46102801-46102772	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_34050	YYVCVNNYPYSVQCPGGNWFDSNLLR	AGAP007368-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	96	2.42E-09	1	3185.435	3.27	Larva	2L:-:46102003-46101926	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_34774	QMCDIPSR	AGAP007368-PA	M2(Oxidation), C3(Carbamidomethyl)	43	0.000288 94	2	1022.441	1.98	Larva	2L:-:46102744-46102721	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_37977	YYQCVNGIPYPMICPNDQWFDYRR	AGAP007368-PA	C4(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl),"C4(Carbamidomethyl), N6(Deamidated), M12(Oxidation), C14(Carbamidomethyl)","C4(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl), N16(Deamidated)"	107	1.21E-10	1	3172.385	3.23	Larva	2L:-:46102408-46102337	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_38376	YCPLNMWFDEER	AGAP007368-PA	C2(Carbamidomethyl), M6(Oxidation)	71	2.50E-07	1	1675.695	4.17	Larva	2L:-:46104619-46104584	exon=> In CDS Exon 2 of transcript AGAP007368-PA

JHU_Ag_53983	CPDDQWFDEER	AGAP007368-PA	C1(Carbamidomethyl)	87	2.40E-09	1	1496.581	4.4	Larva	2L:-:46105207-46105175	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_58732	YYVCVGQIGWSK	AGAP007368-PA	C4(Carbamidomethyl)	96	4.36E-09	1	1459.711	4.53	Larva	2L:-:46104655-46104620	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_60084	CAGVEDLSFIPDDDFCYR	AGAP007368-PA	C1(Carbamidomethyl), C16(Carbamidomethyl)	64	1.93E-06	2	2178.921	4.67	Larva	2L:-:46102462-46102409	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_62026	CEDVDNFGLVR	AGAP007368-PA	C1(Carbamidomethyl)	48	0.000176565	2	1323.605	3.92	Larva	2L:-:46105300-46105268	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_62981	QLCDFTQNVQCEVHDVLPPPLPTDGICTGQSNSIQVLHPVFCNR	AGAP007368-PA	C3(Carbamidomethyl), C11(Carbamidomethyl), C27(Carbamidomethyl), C42(Carbamidomethyl)	34	0.003147865	1	5090.410	1.67	Larva	2L:-:46102336-46102205	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_70071	YYQCIDGVPYPMICEGDLWFDR	AGAP007368-PA	C4(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl)	41	0.000497953	2	2813.224	6.9	Larva	2L:-:46104049-46103984	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_77337	YYQCVNGFPYPMTCPEGLWFDAER	AGAP007368-PA	C4(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl),"C4(Carbamidomethyl), N6(Deamidated), M12(Oxidation), C14(Carbamidomethyl)","Q3(Deamidated), C4(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl)"	74	1.78E-07	1	3016.289	5.1	Larva	2L:-:46104856-46104785	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_78594	LVLHPR	AGAP007368-PA	-	32	0.000339602	1	734.471	5.33	Larva	2L:-:46104280-46104263	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_83254	YYQCIDGVPYPMICEGDLWFDRER	AGAP007368-PA	C4(Carbamidomethyl), M12(Oxidation), C14(Carbamidomethyl)	85	2.12E-08	1	3098.353	1.61	Larva	2L:-:46104049-46103978	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_86185	DDFFCYQYYQCR	AGAP007368-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	99	1.21E-10	2	1764.686	4.51	Larva	2L:-:46104475-46104440	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_89520	NGYPFPLICPADQWFDENLQR	AGAP007368-PA	C9(Carbamidomethyl), Q13(Deamidated),"N1(Deamidated), C9(Carbamidomethyl)"	113	6.86E-11	1	2581.198	6.32	Larva	2L:-:46104439-46104377	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_92609	YFQCIDGRPYPLICPGEQWFNEEEQR	AGAP007368-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	180	1.07E-17	1	3331.507	3.87	Larva	2L:-:46103221-46103144	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_102319	LEGNPQYCNQYYICVNEIGWR	AGAP007368-PA	C8(Carbamidomethyl), C14(Carbamidomethyl)	85	2.72E-08	2	2676.207	3.84	Larva	2L:-:46103872-46103810	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_108313	NEFYCYR	AGAP007368-PA	C5(Carbamidomethyl)	34	0.001262025	1	1051.433	2.46	Larva	2L:-:46102837-46102817	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_108612	DEAFCYR	AGAP007368-PA	C5(Carbamidomethyl)	46	4.50E-05	1	960.391	3.02	Larva	2L:-:46103656-46103636	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_109395	QICGDPADISCPHGRPGAAR	AGAP007368-PA	C3(Carbamidomethyl), C11(Carbamidomethyl)	92	9.36E-09	1	2134.993	2.66	Larva	2L:-:46104970-46104911	exon=> In CDS Exon 2 of transcript AGAP007368-PA

JHU_Ag_116012	QVCDMPMYVECDVTPPPVVRPPPTAGICNGAPNGR	AGAP007368-PA	C3(Carbamidomethyl), M5(Oxidation), M7(Oxidation), C11(Carbamidomethyl), C28(Carbamidomethyl), N29(Deamidated), N33(Deamidated)	42	0.0004602	3	3885.750	3.21	Larva	2L:-:46103977-46103873	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_116255	VQCFLRPGVPGPPVATPDICK	AGAP007368-PA	C3(Carbamidomethyl), C20(Carbamidomethyl)	144	3.81E-14	1	2308.203	3.81	Larva	2L:-:46102720-46102658	exon=> In CDS Exon 2 of transcript AGAP007368-PA
JHU_Ag_37962	AGNPALLWDK	AGAP007373-PA	-	70	7.73E-07	1	1084.578	-0.65	Head	2L:-:46137039-46137010	exon=> In CDS Exon 5 of transcript AGAP007373-PA
JHU_Ag_46844	SQYNSLFSEGSGDELANVDCR	AGAP007373-PA	C20(Carbamidomethyl)	125	1.66E-12	2	2348.014	1.95	Head	2L:-:46137174-46137112	exon=> In CDS Exon 4 of transcript AGAP007373-PA
JHU_Ag_9378	AKVPGLVQVGGLHIKPPK	AGAP007374-PA	-	45	6.19E-06	1	1838.142	2.21	Malpighian tubule	2L:-:46153984-46153931	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_19409	ATLGGYAVK	AGAP007374-PA	-	55	2.16E-05	2	879.494	0.25	Malpighian tubule	2L:-:46153570-46153544	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_20099	VSQIFR	AGAP007374-PA	-	31	0.008169924	2	749.429	-1.4	Head	2L:-:46153453-46153436	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_21270	VFITHGGLLGTQEGVHR	AGAP007374-PA	-	86	2.11E-08	2	1820.979	1.51	Head	2L:-:46153678-46153628	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_29784	ILSVNVFPGR	AGAP007374-PA	-	63	3.73E-06	2	1101.644	2.52	Malpighian tubule	2L:-:46154767-46154738	exon=> In CDS Exon 2 of transcript AGAP007374-PA
JHU_Ag_31996	SWLPQSDILGHR	AGAP007374-PA	-	52	8.72E-05	2	1408.736	1.97	Midgut	2L:-:46153723-46153688	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_33525	WALEEVLYNPSYK	AGAP007374-PA	-	86	4.51E-08	1	1611.811	3.61	Malpighian tubule	2L:-:46153507-46153469	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_38272	VSQIFR	AGAP007374-PA	-	40	0.001130363	2	749.430	-0.91	Malpighian tubule	2L:-:46153453-46153436	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_39702	GHEVTVITNYPR	AGAP007374-PA	-	70	1.30E-06	2	1385.714	-2.22	Head	2L:-:46154689-46154654	exon=> In CDS Exon 2 of transcript AGAP007374-PA
JHU_Ag_44064	VFITHGGLLGTQEGVHR	AGAP007374-PA	-	70	6.55E-07	1	1820.986	5.13	Midgut	2L:-:46153678-46153628	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_50925	AYNSFVSSYELLLR	AGAP007374-PA	-	71	1.29E-06	2	1661.856	1.79	Midgut	2L:-:46154170-46154129	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_51474	SWLPQSDILGHR	AGAP007374-PA	-	66	3.51E-06	1	1408.737	2.93	Malpighian tubule	2L:-:46153723-46153688	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_54939	DNVMEFLR	AGAP007374-PA	-	49	0.00011771	2	1023.495	2.26	Malpighian tubule	2L:-:46154479-46154456	exon=> In CDS Exon 2 of transcript AGAP007374-PA
JHU_Ag_63207	VPGLVQVGGLHIKPPK	AGAP007374-PA	-	38	6.81E-05	1	1639.007	1.07	Malpighian tubule	2L:-:46153978-46153931	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_65501	GHEVTVITNYPR	AGAP007374-PA	-	73	6.06E-07	2	1385.720	1.66	Midgut	2L:-:46154689-46154654	exon=> In CDS Exon 2 of transcript AGAP007374-PA
JHU_Ag_67868	SWYYLPEQQAMADKHFSFLPGPLPR	AGAP007374-PA	M11(Oxidation)	53	7.55E-05	1	2994.465	1.35	Malpighian tubule	2L:-:46154128-46154054	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_68216	VPGLVQVGGLHIKPPK	AGAP007374-PA	-	45	1.29E-05	1	1639.006	0.19	Head	2L:-:46153978-46153931	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_80327	YKGAPQLR	AGAP007374-PA	-	34	0.003846213	1	932.532	0.5	Malpighian tubule	2L:-:46153378-46153355	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_82734	VFITHGGLLGTQEGVHR	AGAP007374-PA	-	101	6.04E-10	1	1820.980	1.63	Malpighian tubule	2L:-:46153678-46153628	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_88840	ILSVNVFPGR	AGAP007374-PA	-	63	5.30E-06	2	1101.641	-0.92	Midgut	2L:-:46154767-46154738	exon=> In CDS Exon 2 of transcript AGAP007374-PA
JHU_Ag_89800	SWYYLPEQQAMADK	AGAP007374-PA	-	47	0.000256767	1	1729.796	3.89	Malpighian tubule	2L:-:46154128-46154087	exon=> In CDS Exon 3 of transcript AGAP007374-PA

JHU_Ag_93863	WALEEVLYNPSYK	AGAP007374-PA	-	80	1.44E-07	2	1611.804	-0.93	Midgut	2L:-:46153507-46153469	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_105238	NVDKVSQIFR	AGAP007374-PA	-	48	0.000165057	1	1205.665	0.8	Malpighian tubule	2L:-:46153465-46153436	exon=> In CDS Exon 3 of transcript AGAP007374-PA
JHU_Ag_82635	GTIAGAGTGSSTASGTPGKPK	AGAP007375-PA	-	49	0.000201379	1	1802.926	1	Head	2L:-:46161880-46161818	exon=> In CDS Exon 5 of transcript AGAP007375-PA
JHU_Ag_4203	NWVSYGFDR	AGAP007380-PA	-	41	0.000392097	2	1143.525	2.95	Male reproductive organs	2L:-:46200785-46200759	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_5944	NWVSYGFDR	AGAP007380-PA	-	48	0.000101362	1	1143.524	2.1	Visceras	2L:-:46200785-46200759	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_6266	NWVSYGFDRK	AGAP007380-PA	-	45	0.000422054	1	1271.621	3.32	Visceras	2L:-:46200785-46200756	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_17189	KAAASSSGAAASSVGTGR	AGAP007380-PA	-	125	5.26E-12	1	1535.779	1.24	Visceras	2L:-:46200839-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_20128	EAYLELR	AGAP007380-PA	-	46	0.000361888	1	893.473	-0.03	Head	2L:-:46200629-46200609	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_25132	NWVSYGFDR	AGAP007380-PA	-	44	0.0002472	1	1143.520	-1.26	Head	2L:-:46200785-46200759	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_28785	KAAASSSGAAASSVGTGR	AGAP007380-PA	-	121	1.31E-11	1	1535.774	-1.86	Head	2L:-:46200839-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_35668	AAASSSGAAASSVGTGR	AGAP007380-PA	-	139	1.87E-13	1	1407.679	-2.29	Head	2L:-:46200836-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_42242	NWVSYGFDR	AGAP007380-PA	-	54	2.49E-05	1	1143.524	1.99	Malpighian tubule	2L:-:46200785-46200759	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_57304	REAAGLEPISK	AGAP007380-PA	-	40	0.000942799	2	1170.647	-0.44	Visceras	2L:-:46200605-46200573	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_63786	EAYLELR	AGAP007380-PA	-	37	0.002538481	2	893.473	0.64	Visceras	2L:-:46200629-46200609	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_70781	KAAASSSGAAASSVGTGR	AGAP007380-PA	-	53	9.20E-05	2	1535.779	1.09	Malpighian tubule	2L:-:46200839-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_71433	EAYLELR	AGAP007380-PA	-	39	0.001672486	2	893.472	-0.79	Midgut	2L:-:46200629-46200609	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_72136	EAAGLEPISK	AGAP007380-PA	-	70	1.21E-06	1	1014.545	-1.17	Head	2L:-:46200602-46200573	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_84087	KAAASSSGAAASSVGTGR	AGAP007380-PA	-	108	2.85E-10	1	1535.776	-0.82	Midgut	2L:-:46200839-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_88342	EAAGLEPISK	AGAP007380-PA	-	62	6.12E-06	1	1014.549	2.44	Midgut	2L:-:46200602-46200573	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_89411	NWVSYGFDR	AGAP007380-PA	-	52	3.41E-05	1	1143.523	0.81	Midgut	2L:-:46200785-46200759	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_90051	AAASSSGAAASSVGTGR	AGAP007380-PA	-	108	2.23E-10	1	1407.681	-0.98	Malpighian tubule	2L:-:46200836-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_90405	EAAGLEPISK	AGAP007380-PA	-	68	1.66E-06	1	1014.548	1.77	Visceras	2L:-:46200602-46200573	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_99005	AAASSSGAAASSVGTGR	AGAP007380-PA	-	145	5.18E-14	2	1407.682	-0.38	Midgut	2L:-:46200836-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_105842	NWVSYGFDRK	AGAP007380-PA	-	39	0.001222784	1	1271.615	-1.76	Midgut	2L:-:46200785-46200756	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_107438	EAAGLEPISK	AGAP007380-PA	-	50	0.000112273	2	1014.547	0.26	Malpighian tubule	2L:-:46200602-46200573	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_110330	AAASSSGAAASSVGTGR	AGAP007380-PA	-	139	1.96E-13	2	1407.685	2.05	Visceras	2L:-:46200836-46200786	exon=> In CDS Exon 1 of transcript AGAP007380-PA
JHU_Ag_8527	EIQMTVYSSK	AGAP007381-PA	M4(Oxidation)	55	2.67E-05	2	1201.577	0.2	Salivary gland	2L:-:46203147-46203118	exon=> In CDS Exon 2 of transcript AGAP007381-PA
JHU_Ag_20390	LVDITPSSTWGGQGLLGVSIR	AGAP007381-PA	-	73	2.96E-07	2	2156.175	1.97	Salivary gland	2L:-:46203102-46203040	exon=> In CDS Exon 2 of transcript AGAP007381-PA

JHU_Ag_49497	WGGEGSLGCGIGYGYLHR	AGAP007381-PA	C9(Carbamidomethyl)	70	1.29E-06	1	1938.893	0.61	Salivary gland	2L:-:46202793-46202740	exon=> In CDS Exon 2 of transcript AGAP007381-PA
JHU_Ag_73186	MYVYNTDLDR	AGAP007381-PA	M1(Oxidation)	55	3.02E-05	2	1289.584	0.44	Salivary gland	2L:-:46202856-46202827	exon=> In CDS Exon 2 of transcript AGAP007381-PA
JHU_Ag_89175	LDQDNDTLK	AGAP007381-PA	-	50	0.000140389	2	1061.511	-0.19	Salivary gland	2L:-:46203201-46203175	exon=> In CDS Exon 2 of transcript AGAP007381-PA
JHU_Ag_91663	LDQDNDTLKELLK	AGAP007381-PA	-	90	1.47E-08	1	1544.817	0.39	Salivary gland	2L:-:46203201-46203163	exon=> In CDS Exon 2 of transcript AGAP007381-PA
JHU_Ag_98382	LDQDNDTLKELLK	AGAP007381-PA	-	96	3.75E-09	1	1544.816	-0.16	Midgut	2L:-:46203201-46203163	exon=> In CDS Exon 2 of transcript AGAP007381-PA
JHU_Ag_116339	LVDITPSSTWGGQGLLGVSIR	AGAP007381-PA	-	88	1.12E-08	2	2156.172	0.49	Midgut	2L:-:46203102-46203040	exon=> In CDS Exon 2 of transcript AGAP007381-PA
JHU_Ag_32017	IQQQPR	AGAP007387-PA	Q4(Deamidated),Q3(Deamidated)	42	0.000359025	2	770.416	0.26	Midgut	2L:-:46252627-46252610	exon=> In CDS Exon 2 of transcript AGAP007387-PA
JHU_Ag_58834	IQQQPR	AGAP007387-PA	Q4(Deamidated)	33	0.002208249	2	770.421	6.68	Malpighian tubule	2L:-:46252627-46252610	exon=> In CDS Exon 2 of transcript AGAP007387-PA
JHU_Ag_111541	KTQDLQK	AGAP007387-PA	Q3(Deamidated), Q6(Deamidated)	38	0.002850208	2	862.452	-0.17	Head	2L:-:46252783-46252763	exon=> In CDS Exon 2 of transcript AGAP007387-PA
JHU_Ag_15727	EERPEEDAEKEEDANEEENIDDEFQHVK	AGAP007388-PA	-	114	1.62E-11	1	3402.453	4.91	Ovary	2L:-:46255618-46255535	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_28423	KQQQQK	AGAP007388-PA	Q2(Deamidated), Q5(Deamidated)	37	0.005214899	2	789.408	-3	Head	2L:-:46271609-46271592	exon=> In CDS Exon 3 of transcript AGAP007388-PA
JHU_Ag_33057	IAELLK	AGAP007388-PA	-	28	0.003626089	1	686.445	0.03	Pupa	2L:-:46254526-46254509	exon=> In CDS Exon 7 of transcript AGAP007388-PA
JHU_Ag_34030	LPVLLQGPTSAGK	AGAP007388-PA	-	54	7.89E-06	1	1280.765	5.65	Ovary	2L:-:46268376-46268338	exon=> In CDS Exon 5 of transcript AGAP007388-PA
JHU_Ag_39937	VTGLGELPDWR	AGAP007388-PA	-	45	0.000274423	2	1242.648	0.27	Ovary	2L:-:46261723-46261691	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_40310	DFLAIAQLLR	AGAP007388-PA	-	50	3.89E-05	2	1159.687	3.23	Ovary	2L:-:46261507-46261478	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_55202	LHGLLAQLEETAGELTSTESAR	AGAP007388-PA	-	45	0.000361737	1	2326.205	7.05	Ovary	2L:-:46257307-46257242	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_56769	IAELLK	AGAP007388-PA	-	28	0.003685008	1	686.445	0.3	Larva	2L:-:46254526-46254509	exon=> In CDS Exon 7 of transcript AGAP007388-PA
JHU_Ag_58078	IAELLK	AGAP007388-PA	-	28	0.003702017	1	686.444	-1.3	Head	2L:-:46254526-46254509	exon=> In CDS Exon 7 of transcript AGAP007388-PA
JHU_Ag_64465	FLEYLPLYSAEQVDK	AGAP007388-PA	-	64	5.52E-06	1	1814.934	7.22	Ovary	2L:-:46262665-46262621	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_75337	LPLLEYFVYK	AGAP007388-PA	-	69	8.84E-07	2	1284.731	5.65	Ovary	2L:-:46262206-46262177	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_82222	LHGLLAQLEETAGELTSTESAR	AGAP007388-PA	-	41	0.000932836	3	2326.209	8.86	Midgut	2L:-:46257307-46257242	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_90042	YLQEDIELLETLVR	AGAP007388-PA	-	89	9.23E-09	1	1733.942	5.91	Ovary	2L:-:46261312-46261271	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_93022	IAELLK	AGAP007388-PA	-	28	0.003415376	1	686.444	-0.41	Midgut	2L:-:46254526-46254509	exon=> In CDS Exon 7 of transcript AGAP007388-PA
JHU_Ag_100950	TGQHICLEHVNLCSSAVLDR	AGAP007388-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	68	2.24E-06	1	2309.133	8.74	Ovary	2L:-:46264471-46264412	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_115196	LTGLADELR	AGAP007388-PA	-	62	1.14E-05	2	987.552	4.63	Ovary	2L:-:46262611-46262585	exon=> In CDS Exon 6 of transcript AGAP007388-PA
JHU_Ag_93251	FIQSNNLK	AGAP007389-PA	N5(Deamidated),N6(Deamidated)	41	0.001021577	2	964.518	8.69	Head	2L:+:46276123-46276146	exon=> In CDS Exon 1 of transcript AGAP007389-PA
JHU_Ag_23435	SDGSQSQALSSLCECGK	AGAP007390-PA	C13(Carbamidomethyl), C15(Carbamidomethyl)	79	5.49E-08	2	1813.768	-0.65	Midgut	2L:-:46277730-46277861,46277483-46277600	exon=> In CDS Exon 4 and 3 of transcript AGAP007390-PA

JHU_Ag_38830	YREFLYER	AGAP007390-PA	-	37	0.003585194	2	1175.577	-6.14	Head	2L:-:46279473-46279450	exon=> In CDS Exon 1 of transcript AGAP007390-PA
JHU_Ag_71758	VEVYQCCGQLR	AGAP007390-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	39	0.001708704	1	1411.648	1.43	Salivary gland	2L:-:46278843-46278811	exon=> In CDS Exon 1 of transcript AGAP007390-PA
JHU_Ag_116333	EAYVVAAETLLR	AGAP007390-PA	-	60	8.24E-06	2	1334.736	3.65	Salivary gland	2L:-:46279698-46279663	exon=> In CDS Exon 1 of transcript AGAP007390-PA
JHU_Ag_696	MDATANDVPPQFEVR	AGAP007393-PA	-	84	5.37E-08	2	1689.790	0.15	Midgut	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_724	QLANKFEPDFVK	AGAP007393-PA	-	50	0.000158036	1	1435.758	0.13	Pupa	2L:+:46286934-46286969	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_1565	VNFAVSAK	AGAP007393-PA	-	49	0.000113976	2	835.468	0.51	Ovary	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_2707	KLTPTLEELGTK	AGAP007393-PA	-	56	1.49E-05	2	1329.767	3.23	Male reproductive organs	2L:+:46287510-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_3007	SEPVPESNDGPVK	AGAP007393-PA	-	46	0.000356556	2	1354.648	-0.06	Head	2L:+:46287378-46287416	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_3301	FSVSGYPTLK	AGAP007393-PA	-	54	3.74E-05	1	1098.583	0.25	Visceras	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_3362	LKDEAVSIVK	AGAP007393-PA	-	39	0.000808276	1	1101.653	1	Head	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_3561	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	176	4.07E-17	1	2858.331	1.48	Malpighian tubule	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_3952	MDATANDVPPQFEVR	AGAP007393-PA	M1(Oxidation)	100	1.56E-09	2	1689.792	1.31	Malpighian tubule	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_4220	QGETDAVFLFR	AGAP007393-PA	-	68	2.07E-06	1	1282.640	-1.95	Salivary gland	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_4885	LKDEAVSIVK	AGAP007393-PA	-	53	3.44E-05	1	1101.652	0.29	Midgut	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_6018	NGEVSQEYNGPR	AGAP007393-PA	N1(Deamidated)	53	5.45E-05	2	1349.606	-1.81	Male reproductive organs	2L:+:46286634-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_6680	GEDPPIALAK	AGAP007393-PA	-	57	1.33E-05	2	1010.552	0.11	Salivary gland	2L:+:46286526-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_7215	QELADFVK	AGAP007393-PA	-	44	0.000739136	2	949.500	0.81	Male reproductive organs	2L:+:46286988-46287011	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_7342	AAELLRGEDPPIALAK	AGAP007393-PA	-	46	9.75E-05	3	1663.939	0.73	Head	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_7837	QGETDAVFLFR	AGAP007393-PA	-	77	2.47E-07	1	1282.644	1.28	Head	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_8025	VNFAVSAK	AGAP007393-PA	-	46	0.000240332	2	835.467	-0.73	Midgut	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_8194	NGEVSQEYNGPR	AGAP007393-PA	N1(Deamidated)	69	1.34E-06	1	1349.607	-0.91	Midgut	2L:+:46286634-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_8324	QGETDAVFLFR	AGAP007393-PA	-	70	1.14E-06	1	1282.642	-0.91	Ovary	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_10676	QGETDAVFLFR	AGAP007393-PA	-	82	8.66E-08	2	1282.644	1.09	Male reproductive organs	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_10728	NGEVSQEYNGPR	AGAP007393-PA	N1(Deamidated)	84	4.22E-08	1	1349.608	0	Malpighian tubule	2L:+:46286634-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_12161	FEGTTKQELADFVK	AGAP007393-PA	-	69	1.84E-06	1	1612.823	0.78	Pupa	2L:+:46286970-46287011	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_14638	LTPTLEELGTK	AGAP007393-PA	-	44	0.000491662	2	1201.667	-0.38	Male reproductive organs	2L:+:46287513-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_15227	LRFGHSSAPAVLEK	AGAP007393-PA	-	49	9.96E-05	1	1511.836	1.76	Pupa	2L:+:46286853-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_15330	VNFAVSAK	AGAP007393-PA	-	53	4.77E-05	2	835.467	0.07	Salivary gland	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA

JHU_Ag_16032	VQETSVVGFFQK	AGAP007393-PA	-	111	1.01E-10	1	1368.719	2.15	Pupa	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_18146	FGHSSAPAVLEK	AGAP007393-PA	-	77	1.97E-07	1	1242.647	-0.8	Midgut	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_18480	VNFAVSAKDDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	165	3.29E-16	1	3674.785	2.38	Salivary gland	2L:+:46287177-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_18541	DLLTVEAFEAFLK	AGAP007393-PA	-	104	3.04E-10	1	1495.802	-1.57	Malpighian tubule	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_20348	AAELLRGEDPPIALAK	AGAP007393-PA	-	90	3.08E-09	1	1663.938	-0.04	Pupa	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_20564	HATSELKGFDR	AGAP007393-PA	-	66	4.03E-06	2	1260.634	0.33	Pupa	2L:+:46287723-46287755	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_20842	DLLTVEAFEAFLK	AGAP007393-PA	-	108	1.16E-10	1	1495.803	-0.89	Ovary	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_22224	FGHSSAPAVLEK	AGAP007393-PA	-	77	1.80E-07	1	1242.647	-0.6	Pupa	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_22237	SEPVPESNDGPVK	AGAP007393-PA	-	43	0.000654967	2	1354.650	1.2	Malpighian tubule	2L:+:46287378-46287416	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_22583	QGETDAVFLFR	AGAP007393-PA	-	66	3.17E-06	2	1282.650	5.37	Larva	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_23437	VDCTEGGK	AGAP007393-PA	C3(Carbamidomethyl)	41	0.00051295	1	865.374	2.63	Salivary gland	2L:+:46286556-46286579	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_23439	VQETSVVGFFQK	AGAP007393-PA	-	99	1.37E-09	1	1368.723	4.92	Larva	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_23994	LKDEAVSIVK	AGAP007393-PA	-	61	5.14E-06	1	1101.651	-0.5	Malpighian tubule	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_24281	GFPTLYWLPK	AGAP007393-PA	-	61	8.12E-06	1	1221.666	-0.22	Ovary	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_24685	LKDEAVSIVK	AGAP007393-PA	-	77	1.48E-07	1	1101.650	-1.33	Ovary	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_24940	VQETSVVGFFQK	AGAP007393-PA	-	98	1.83E-09	1	1368.718	1.35	Malpighian tubule	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_25239	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	197	2.81E-19	1	2858.320	-2.56	Pupa	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_25744	EVDDFVK	AGAP007393-PA	-	36	0.003497201	1	851.415	0.69	Pupa	2L:+:46287690-46287710	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_26643	DLLTVEAFEAFLK	AGAP007393-PA	-	78	1.31E-07	2	1495.808	2.62	Head	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_27789	VQETSVVGFFQK	AGAP007393-PA	-	110	1.07E-10	1	1368.714	-1.41	Midgut	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_28541	KLTPTLEELGTK	AGAP007393-PA	-	80	6.04E-08	1	1329.762	-0.07	Salivary gland	2L:+:46287510-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_29349	VNFAVSAKDDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	157	2.40E-15	1	3674.768	-2.33	Midgut	2L:+:46287177-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_29380	LKDEAVSIVK	AGAP007393-PA	-	67	1.44E-06	1	1101.651	-0.6	Pupa	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_29763	GEDPPIALAK	AGAP007393-PA	-	31	0.004524496	2	1010.553	1.62	Larva	2L:+:46286526-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_30021	LTPTLEELGTK	AGAP007393-PA	-	58	1.98E-05	2	1201.669	1.65	Salivary gland	2L:+:46287513-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_30314	NGEVSQEYNGPR	AGAP007393-PA	N1(Deamidated)	81	5.41E-08	2	1350.591	-0.82	Salivary gland	2L:+:46286634-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_31075	FSVSGYPTLK	AGAP007393-PA	-	64	3.13E-06	2	1098.583	-0.08	Ovary	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_31315	FSVSGYPTLK	AGAP007393-PA	-	40	0.000923631	2	1098.582	-0.52	Head	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA

JHU_Ag_31411	QGETDAVFLFR	AGAP007393-PA	-	90	1.46E-08	1	1282.645	2.14	Malpighian tubule	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_31765	QELADFVK	AGAP007393-PA	-	39	0.002215236	1	949.498	-1.17	Midgut	2L:+:46286988-46287011	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_32093	GFPTLYWLPK	AGAP007393-PA	-	56	2.07E-05	1	1221.670	2.78	Male reproductive organs	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_32516	VQETSVVGFFQK	AGAP007393-PA	-	103	5.50E-10	1	1368.719	2.33	Male reproductive organs	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_32671	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	185	3.81E-18	1	2858.321	-1.92	Midgut	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_33100	LKDEAVSIVK	AGAP007393-PA	-	46	0.000172806	1	1101.653	1.07	Larva	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_33739	ANFHGLAGVR	AGAP007393-PA	-	59	1.08E-05	1	1041.558	-0.83	Salivary gland	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_34263	GFPTLYWLPK	AGAP007393-PA	-	65	2.99E-06	1	1221.668	1.38	Head	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_34555	VNFAVSAK	AGAP007393-PA	-	54	3.69E-05	2	835.466	-1.61	Pupa	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_35709	VNFAVSAK	AGAP007393-PA	-	41	0.000742697	2	835.467	-0.66	Male reproductive organs	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_35779	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	175	4.56E-17	1	2858.324	-1.09	Male reproductive organs	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_36272	FGHSSAPAVLEK	AGAP007393-PA	-	64	3.83E-06	1	1242.648	0.57	Salivary gland	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_37271	FGHSSAPAVLEK	AGAP007393-PA	-	77	1.91E-07	1	1242.649	1.16	Malpighian tubule	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_37391	SEPVPESNDGPVK	AGAP007393-PA	-	43	0.000676977	2	1354.648	-0.33	Midgut	2L:+:46287378-46287416	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_37926	GFPTLYWLPK	AGAP007393-PA	-	51	6.48E-05	1	1221.673	5.17	Larva	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_39126	QELADFVK	AGAP007393-PA	-	46	0.000440188	2	949.500	1.2	Pupa	2L:+:46286988-46287011	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_39412	KLTPTLEELGTK	AGAP007393-PA	-	59	8.39E-06	2	1329.762	-0.44	Midgut	2L:+:46287510-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_40282	YEGGREVDDFVK	AGAP007393-PA	-	38	0.002069787	1	1413.665	0.03	Pupa	2L:+:46287675-46287710	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_40347	GEDPPIALAK	AGAP007393-PA	-	47	0.000129835	1	1010.551	-0.73	Pupa	2L:+:46286526-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_40489	ANFHGLAGVR	AGAP007393-PA	-	48	0.000130553	1	1041.558	-0.59	Midgut	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_43366	VQETSVVGFFQK	AGAP007393-PA	Q2(Deamidated)	97	2.40E-09	1	1368.716	0.46	Salivary gland	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_43538	AAELLRGEDPPIALAK	AGAP007393-PA	-	90	3.90E-09	1	1663.938	0.07	Ovary	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_43691	SEPVPESNDGPVKVAVAK	AGAP007393-PA	-	40	0.001181306	2	1822.955	0.08	Pupa	2L:+:46287378-46287431	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_43828	LTPTLEELGTK	AGAP007393-PA	-	41	0.000931189	1	1201.669	1.55	Malpighian tubule	2L:+:46287513-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_44105	MDATANDVPPQFEVR	AGAP007393-PA	M1(Oxidation)	83	5.62E-08	2	1705.786	0.56	Salivary gland	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_45469	DTTSDFKNPLVVVYYAVDYVK	AGAP007393-PA	-	50	0.000124079	1	2436.240	2.57	Ovary	2L:+:46287048-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_47517	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	171	9.84E-17	1	2858.325	-0.7	Visceras	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_47698	ANFHGLAGVR	AGAP007393-PA	-	56	2.00E-05	1	1041.560	0.7	Malpighian tubule	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA

JHU_Ag_48314	KLKPEYAK	AGAP007393-PA	-	46	0.000114671	1	976.582	-0.19	Salivary gland	2L:+:46286484-46286507	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_48576	QELADFVK	AGAP007393-PA	-	42	0.001104116	1	949.499	-0.22	Ovary	2L:+:46286988-46287011	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_48661	VQETSVVGFFQK	AGAP007393-PA	-	79	1.37E-07	2	1368.715	-0.34	Ovary	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_49554	MDATANDVPPQFEVR	AGAP007393-PA	M1(Oxidation)	71	9.01E-07	2	1705.784	-0.52	Male reproductive organs	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_49749	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	N8(Deamidated)	164	5.13E-16	1	2858.318	-3.14	Salivary gland	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_49860	GFPTLYWLPK	AGAP007393-PA	-	48	0.000156968	2	1221.668	1.18	Visceras	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_50038	VNFAVSAKDDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	99	1.52E-09	1	3674.794	4.69	Head	2L:+:46287177-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_50172	VDCTEGGKDTCNK	AGAP007393-PA	C3(Carbamidomethyl), C11(Carbamidomethyl)	77	7.37E-08	1	1483.615	-0.22	Salivary gland	2L:+:46286556-46286594	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_50222	AAELLRGEDPPIALAK	AGAP007393-PA	-	86	9.24E-09	1	1663.937	-0.48	Male reproductive organs	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_50835	FGHSSAPAVLEK	AGAP007393-PA	-	68	1.27E-06	1	1242.649	1.36	Visceras	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_51176	ANFHGLAGVR	AGAP007393-PA	-	44	0.000371093	1	1041.562	3.23	Male reproductive organs	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_51970	GFPTLYWLPK	AGAP007393-PA	-	65	2.87E-06	1	1221.669	2.28	Pupa	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_54653	VQETSVVGFFQK	AGAP007393-PA	-	76	2.73E-07	1	1368.716	-0.26	Head	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_56913	ANFHGLAGVR	AGAP007393-PA	-	62	5.32E-06	1	1041.558	-0.59	Head	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_57199	VDCTEGGKDTCNK	AGAP007393-PA	C3(Carbamidomethyl), C11(Carbamidomethyl)	73	1.71E-07	1	1483.615	-0.38	Male reproductive organs	2L:+:46286556-46286594	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_57603	QGETDAVFLFR	AGAP007393-PA	Q1(Deamidated)	90	1.37E-08	2	1282.642	-0.43	Midgut	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_58899	LTPTLEELGTK	AGAP007393-PA	-	71	9.66E-07	1	1201.668	0.53	Ovary	2L:+:46287513-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_60070	QGETDAVFLFR	AGAP007393-PA	-	81	1.00E-07	2	1282.642	-0.72	Visceras	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_60216	VNFAVSAKDDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	179	1.44E-17	1	3674.783	1.85	Pupa	2L:+:46287177-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_61138	AAELLRGEDPPIALAK	AGAP007393-PA	-	46	8.48E-05	1	1663.946	5.1	Larva	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_61670	GFPTLYWLPK	AGAP007393-PA	-	65	3.02E-06	1	1221.667	0.58	Salivary gland	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_62130	GFPTLYWLPK	AGAP007393-PA	-	65	2.80E-06	1	1221.671	3.27	Malpighian tubule	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_62483	QLANKFEPDFVK	AGAP007393-PA	-	66	3.83E-06	1	1435.760	1.05	Salivary gland	2L:+:46286934-46286969	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_62508	GFPTLYWLPK	AGAP007393-PA	-	56	2.90E-05	2	1221.665	-1.42	Midgut	2L:+:46287621-46287650	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_66069	LKDEAVSIVK	AGAP007393-PA	-	42	0.000357823	1	1101.656	4.32	Male reproductive organs	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_66398	DLLTVEAFEAFLK	AGAP007393-PA	-	100	7.22E-10	1	1495.811	4.17	Salivary gland	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_67665	FSVSGYPTLK	AGAP007393-PA	-	54	3.62E-05	2	1098.583	0.25	Male reproductive organs	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_68112	EVDDFVK	AGAP007393-PA	-	36	0.003167529	2	851.415	0.82	Salivary gland	2L:+:46287690-46287710	exon=> In CDS Exon 2 of transcript AGAP007393-PA

JHU_Ag_68890	DTTSDFK	AGAP007393-PA	-	48	7.67E-05	1	813.364	1.98	Head	2L:+:46287048-46287068	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_70103	FSVSGYPTLK	AGAP007393-PA	-	53	4.06E-05	2	1098.589	5.14	Larva	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_70783	NPLVVVYYAVDYVK	AGAP007393-PA	-	86	2.15E-08	2	1641.892	2.09	Male reproductive organs	2L:+:46287069-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_72490	VFKNGEVSQEYNGPR	AGAP007393-PA	N4(Deamidated)	66	3.80E-06	1	1724.823	-0.79	Salivary gland	2L:+:46286625-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_72704	FIMKDEFSVENLQAFATELEEGSLEPYVK	AGAP007393-PA	M3(Oxidation)	119	1.53E-11	1	3379.634	1.32	Malpighian tubule	2L:+:46287291-46287377	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_73333	ANFHGLAGVR	AGAP007393-PA	-	46	0.000239598	1	1041.562	3.23	Larva	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_73744	HATSELKGFDR	AGAP007393-PA	-	59	2.31E-05	1	1260.634	0.52	Malpighian tubule	2L:+:46287723-46287755	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_74091	DTTSDFKNPLVVVYYAVDYVK	AGAP007393-PA	-	78	1.94E-07	3	2436.238	1.75	Pupa	2L:+:46287048-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_74217	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	154	5.85E-15	1	2858.332	1.67	Head	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_74304	NGEVSQEYNGPR	AGAP007393-PA	N1(Deamidated)	68	1.16E-06	2	1350.590	-1.27	Visceras	2L:+:46286634-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_74351	FEPDFVKFEGTTK	AGAP007393-PA	-	62	1.04E-05	1	1544.764	0.8	Salivary gland	2L:+:46286949-46286987	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_74745	QLANKFEPDFVK	AGAP007393-PA	-	75	4.02E-07	1	1435.758	0.13	Midgut	2L:+:46286934-46286969	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_76573	ESELKGVFLK	AGAP007393-PA	-	36	0.001735977	2	1149.652	0.81	Malpighian tubule	2L:+:46286799-46286828	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_76884	LTPTLEELGTK	AGAP007393-PA	-	45	0.000390541	1	1201.667	-0.53	Midgut	2L:+:46287513-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_78766	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	167	2.96E-16	1	2858.335	3.01	Larva	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_80613	NGEVSQEYNGPR	AGAP007393-PA	N1(Deamidated)	72	4.46E-07	2	1350.592	0.17	Pupa	2L:+:46286634-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_81933	FGHSSAPAVLEK	AGAP007393-PA	-	76	2.05E-07	1	1242.649	0.87	Ovary	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_82467	DTTSDFKNPLVVVYYAVDYVK	AGAP007393-PA	-	121	1.01E-11	1	2436.246	5.2	Salivary gland	2L:+:46287048-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_83038	MDATANDVPPQFEVR	AGAP007393-PA	M1(Oxidation)	97	2.30E-09	1	1705.785	-0.09	Ovary	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_83141	NPLVVVYYAVDYVK	AGAP007393-PA	-	72	6.06E-07	2	1641.890	1.05	Salivary gland	2L:+:46287069-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_83589	QELADFVK	AGAP007393-PA	-	44	0.000634802	2	949.501	1.65	Malpighian tubule	2L:+:46286988-46287011	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_83845	VAETETTLVMFYAPWCGHCK	AGAP007393-PA	M10(Oxidation), C16(Carbamidomethyl), C19(Carbamidomethyl)	66	3.10E-06	1	2416.077	0.1	Salivary gland	2L:+:46286163-46286206,46286468-46286483	exon=> In CDS Exon 1 and 2 of transcript AGAP007393-PA
JHU_Ag_86685	FEPDFVKFEGTTK	AGAP007393-PA	-	65	4.97E-06	2	1544.766	1.83	Midgut	2L:+:46286949-46286987	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_87750	FSVSGYPTLK	AGAP007393-PA	-	53	4.27E-05	1	1098.583	0.14	Midgut	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_89142	DLLTVEAFEAFLK	AGAP007393-PA	-	77	1.50E-07	1	1495.810	3.6	Male reproductive organs	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_89469	DLLTVEAFEAFLK	AGAP007393-PA	-	103	3.81E-10	1	1495.812	5.23	Larva	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_91195	VNFAVSAK	AGAP007393-PA	-	43	0.000369054	1	835.469	1.48	Head	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA

JHU_Ag_92276	SEPVPESNDGPVK	AGAP007393-PA	-	50	0.000128699	1	1354.648	-0.51	Pupa	2L:+:46287378-46287416	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_93788	AAELLRGEDPPIALAK	AGAP007393-PA	-	84	1.22E-08	1	1663.938	-0.18	Midgut	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_94657	VNFAVSAK	AGAP007393-PA	-	44	0.000283105	1	835.470	3.45	Larva	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_95497	FSVSGYPTLK	AGAP007393-PA	-	45	0.00024473	2	1098.585	1.48	Malpighian tubule	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_95773	KLTPTLEELGTK	AGAP007393-PA	-	91	6.03E-09	1	1329.758	-3.1	Head	2L:+:46287510-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_96446	FGHSSAPAVLEK	AGAP007393-PA	-	83	5.29E-08	1	1242.651	2.34	Larva	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_97333	DEFSVENLQAFATELEEGSLEPYVK	AGAP007393-PA	-	162	9.54E-16	1	2844.353	2.3	Ovary	2L:+:46287303-46287377	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_97418	NPLVVVYYAVDYVK	AGAP007393-PA	-	71	6.07E-07	2	1641.894	3.42	Malpighian tubule	2L:+:46287069-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_97940	DDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	155	4.71E-15	1	2858.336	3.27	Ovary	2L:+:46287201-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_98215	LKDEAVSIVK	AGAP007393-PA	-	54	2.78E-05	1	1101.651	-0.49	Salivary gland	2L:+:46287546-46287575	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_98572	FSVSGYPTLK	AGAP007393-PA	-	54	3.43E-05	2	1098.584	0.81	Pupa	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_98646	VQETSVVGFFQK	AGAP007393-PA	-	91	8.84E-09	1	1368.718	1.44	Visceras	2L:+:46286763-46286798	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_99718	MDATANDVPPQFEVR	AGAP007393-PA	M1(Oxidation)	47	0.000265564	2	1705.793	4.85	Larva	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_100562	QGETDAVFLFR	AGAP007393-PA	-	90	1.38E-08	2	1282.645	1.57	Pupa	2L:+:46286895-46286927	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_102337	QELADFVK	AGAP007393-PA	-	57	3.54E-05	2	949.499	-0.22	Salivary gland	2L:+:46286988-46287011	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_102398	NGEVSQEYNGPR	AGAP007393-PA	N1(Deamidated)	79	1.21E-07	2	1349.608	0.18	Ovary	2L:+:46286634-46286669	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_103428	ANFHGLAGVR	AGAP007393-PA	-	62	5.16E-06	1	1041.559	0.35	Ovary	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_104007	MDATANDVPPQFEVR	AGAP007393-PA	-	40	0.001366388	2	1689.792	1.24	Head	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_104410	KLTPTLEELGTK	AGAP007393-PA	-	63	3.24E-06	1	1329.763	0.66	Pupa	2L:+:46287510-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_105680	MDATANDVPPQFEVR	AGAP007393-PA	M1(Oxidation)	99	1.44E-09	2	1705.788	1.56	Pupa	2L:+:46287576-46287620	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_106782	AAELLRGEDPPIALAK	AGAP007393-PA	-	97	7.71E-10	1	1663.934	-2.24	Salivary gland	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_107640	FGHSSAPAVLEK	AGAP007393-PA	-	66	2.41E-06	1	1242.653	4.47	Head	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_108074	ESELKGVFLK	AGAP007393-PA	-	52	4.68E-05	1	1149.653	1.55	Pupa	2L:+:46286799-46286828	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_109181	DLLTVEAFEAFLK	AGAP007393-PA	-	113	4.27E-11	1	1495.804	0.01	Midgut	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_109321	LRFGHSSAPAVLEK	AGAP007393-PA	-	53	3.56E-05	1	1511.833	0.19	Malpighian tubule	2L:+:46286853-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_109324	LTPTLEELGTK	AGAP007393-PA	-	69	1.56E-06	1	1201.668	0.73	Pupa	2L:+:46287513-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_110689	KLTPTLEELGTK	AGAP007393-PA	-	60	6.79E-06	2	1329.766	2.41	Malpighian tubule	2L:+:46287510-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_111542	FIMKDEFSVENLQAFATELEEGSLEPYVK	AGAP007393-PA	M3(Oxidation)	45	0.000363154	1	3379.652	6.74	Salivary gland	2L:+:46287291-46287377	exon=> In CDS Exon 2 of transcript AGAP007393-PA

JHU_Ag_111835	FIMKDEFSVENLQAFATELEEGSLEPYVK	AGAP007393-PA	M3(Oxidation)	140	1.29E-13	1	3379.618	-3.23	Ovary	2L:+:46287291-46287377	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_111838	VNFAVSAKDDFQHELNEYGYDYTGDKPLVLAR	AGAP007393-PA	-	189	1.50E-18	1	3674.786	2.71	Malpighian tubule	2L:+:46287177-46287272	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_112067	ANFHGLAGVR	AGAP007393-PA	-	50	8.39E-05	1	1041.558	-0.83	Pupa	2L:+:46287012-46287041	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_112353	GEDPPIALAK	AGAP007393-PA	-	53	3.11E-05	1	1010.550	-1.4	Ovary	2L:+:46286526-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_112426	FGHSSAPAVLEK	AGAP007393-PA	-	65	3.49E-06	1	1242.655	5.58	Male reproductive organs	2L:+:46286859-46286894	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_112929	DTTSDFKNPLVVVYYAVDYVK	AGAP007393-PA	-	48	0.000163568	3	2436.247	5.65	Larva	2L:+:46287048-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_113659	AAELLRGEDPPIALAK	AGAP007393-PA	-	92	2.65E-09	1	1663.941	2.05	Malpighian tubule	2L:+:46286508-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_113665	VNFAVSAK	AGAP007393-PA	-	47	0.000152638	2	835.470	2.85	Malpighian tubule	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_113778	VNFAVSAK	AGAP007393-PA	-	34	0.003386972	2	835.467	-0.36	Visceras	2L:+:46287177-46287200	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_114609	KLTPTLEELGTK	AGAP007393-PA	-	68	1.00E-06	2	1329.765	1.86	Ovary	2L:+:46287510-46287545	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_114706	DTTSDFKNPLVVVYYAVDYVK	AGAP007393-PA	-	108	1.80E-10	1	2436.235	0.54	Midgut	2L:+:46287048-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_115006	YEGGREVDDFVK	AGAP007393-PA	-	38	0.002112534	2	1413.668	2.54	Malpighian tubule	2L:+:46287675-46287710	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_115958	VAETETTLVMFYAPWCGHCK	AGAP007393-PA	M10(Oxidation), C16(Carbamidomethyl), C19(Carbamidomethyl)	55	3.48E-05	1	2416.079	0.78	Midgut	2L:+:46286163-46286206,46286468-46286483	exon=> In CDS Exon 1 and 2 of transcript AGAP007393-PA
JHU_Ag_116764	DLLTVEAFEAFLK	AGAP007393-PA	-	106	1.98E-10	1	1495.808	2.22	Pupa	2L:+:46286724-46286762	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_116807	FSVSGYPTLK	AGAP007393-PA	-	60	8.87E-06	2	1098.584	0.59	Salivary gland	2L:+:46286595-46286624	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_117098	NPLVVVYYAVDYVK	AGAP007393-PA	-	110	8.70E-11	2	1641.895	3.72	Ovary	2L:+:46287069-46287110	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_117715	GEDPPIALAK	AGAP007393-PA	-	32	0.003600739	1	1010.551	-0.55	Malpighian tubule	2L:+:46286526-46286555	exon=> In CDS Exon 2 of transcript AGAP007393-PA
JHU_Ag_9126	GTYEEQVTYLLNDGNVR	AGAP007395-PA	-	73	7.98E-07	2	1970.949	1.93	Midgut	2L:+:46292462-46292512	exon=> In CDS Exon 1 of transcript AGAP007395-PA
JHU_Ag_10657	STQNSVGFVVAILEK	AGAP007395-PA	-	55	1.53E-05	2	1591.879	6.36	Malpighian tubule	2L:+:46292876-46292920	exon=> In CDS Exon 1 of transcript AGAP007395-PA
JHU_Ag_23849	AFPEISLLR	AGAP007395-PA	-	42	0.000662394	2	1045.604	-0.41	Midgut	2L:+:46294034-46294060	exon=> In CDS Exon 1 of transcript AGAP007395-PA
JHU_Ag_31962	STQNSVGFVVAILEKR	AGAP007395-PA	-	39	0.000623751	1	1747.981	6.18	Malpighian tubule	2L:+:46292876-46292923	exon=> In CDS Exon 1 of transcript AGAP007395-PA
JHU_Ag_33167	IVNTLQSIAVQLR	AGAP007395-PA	-	48	2.99E-05	2	1454.869	-0.12	Ovary	2L:+:46293818-46293856	exon=> In CDS Exon 1 of transcript AGAP007395-PA
JHU_Ag_40792	IVNTLQSIAVQLR	AGAP007395-PA	-	63	7.44E-07	2	1454.877	5.58	Malpighian tubule	2L:+:46293818-46293856	exon=> In CDS Exon 1 of transcript AGAP007395-PA
JHU_Ag_100052	VLAAALAIDVQPK	AGAP007395-PA	-	25	0.001995957	2	1308.795	5.02	Malpighian tubule	2L:+:46294376-46294414	exon=> In CDS Exon 1 of transcript AGAP007395-PA
JHU_Ag_91350	HLSAAQLDSTRPLR	AGAP007396-PA	-	45	0.000298043	1	1564.845	-6.53	Head	2L:+:46311040-46311081	exon=> In CDS Exon 10 of transcript AGAP007396-PA

JHU_Ag_1691	TNAVPIGATAPPLGVASGDPWQANKR	AGAP007396-PA,AGAP007396-PC	-	35	0.001961178	1	2588.363	1.87	Head	2L:+:46309342-46309371,46309438-46309485;2L:+:46309342-46309371,46309438-46309485	exon=> In CDS Exon 5 and 6 of transcript AGAP007396-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP007396-PC
JHU_Ag_2937	NIKNLAHNYSDAQVK	AGAP007396-PA,AGAP007396-PC	-	47	0.000262385	1	1714.894	4.21	Malpighian tubule	2L:+:46307803-46307847;2L:+:46307803-46307847	exon=> In CDS Exon 1 of transcript AGAP007396-PA;exon=> In CDS Exon 1 of transcript AGAP007396-PC
JHU_Ag_4044	ENIYAIQTLK	AGAP007396-PA,AGAP007396-PC	-	46	0.000202235	2	1192.657	-0.39	Midgut	2L:+:46308183-46308212;2L:+:46308183-46308212	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC
JHU_Ag_4596	NLAHNYSDAQVK	AGAP007396-PA,AGAP007396-PC	-	47	0.000279004	1	1359.664	-0.71	Head	2L:+:46307812-46307847;2L:+:46307812-46307847	exon=> In CDS Exon 1 of transcript AGAP007396-PA;exon=> In CDS Exon 1 of transcript AGAP007396-PC
JHU_Ag_14353	ALLLLEYLIK	AGAP007396-PA,AGAP007396-PC	-	64	2.47E-07	2	1188.765	3.93	Salivary gland	2L:+:46308007-46308012,46308126-46308149;2L:+:46308007-46308012,46308126-46308149	exon=> In CDS Exon 1 and 2 of transcript AGAP007396-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP007396-PC
JHU_Ag_16585	AKQLVSLLK	AGAP007396-PA,AGAP007396-PC	-	24	0.002249838	1	999.671	14.69	Midgut	2L:+:46308267-46308293;2L:+:46308267-46308293	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC
JHU_Ag_22878	QLVSLLK	AGAP007396-PA,AGAP007396-PC	-	30	0.004104396	2	800.535	13.55	Pupa	2L:+:46308273-46308293;2L:+:46308273-46308293	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC
JHU_Ag_35807	QLVSLLK	AGAP007396-PA,AGAP007396-PC	-	32	0.002400021	2	800.535	14.24	Midgut	2L:+:46308273-46308293;2L:+:46308273-46308293	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC
JHU_Ag_40155	QLVSLLK	AGAP007396-PA,AGAP007396-PC	-	35	0.001365367	2	800.536	14.39	Head	2L:+:46308273-46308293;2L:+:46308273-46308293	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC
JHU_Ag_40913	TASGFGSDGSIDGPTQR	AGAP007396-PA,AGAP007396-PC	-	123	5.79E-12	1	1652.752	0.81	Malpighian tubule	2L:+:46308357-46308407;2L:+:46308357-46308407	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC
JHU_Ag_50641	QLVSLLK	AGAP007396-PA,AGAP007396-PC	-	30	0.004142374	2	800.536	14.54	Visceras	2L:+:46308273-46308293;2L:+:46308273-46308293	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC
JHU_Ag_58001	ALLLLEYLIK	AGAP007396-PA,AGAP007396-PC	-	60	6.07E-07	1	1188.765	4.03	Ovary	2L:+:46308007-46308012,46308126-46308149;2L:+:46308007-46308012,46308126-46308149	exon=> In CDS Exon 1 and 2 of transcript AGAP007396-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP007396-PC
JHU_Ag_109831	TASGFGSDGSIDGPTQR	AGAP007396-PA,AGAP007396-PC	-	77	2.77E-07	1	1652.755	2.51	Salivary gland	2L:+:46308357-46308407;2L:+:46308357-46308407	exon=> In CDS Exon 2 of transcript AGAP007396-PA;exon=> In CDS Exon 2 of transcript AGAP007396-PC

JHU_Ag_116211	ALLLLEYLIK	AGAP007396-PA,AGAP007396-PC	-	58	1.07E-06	1	1188.760	-0.28	Malpighian tubule	2L:+:46308007-46308012,46308126-46308149;2L:+:46308007-46308012,46308126-46308149	exon=> In CDS Exon 1 and 2 of transcript AGAP007396-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP007396-PC
JHU_Ag_77595	LNNPALNPGVANIGIR	AGAP007397-PA	-	54	2.10E-05	2	1632.917	-0.87	Midgut	2L:-:46316242-46316195	exon=> In CDS Exon 1 of transcript AGAP007397-PA
JHU_Ag_10699	KHEAGYDAYLTGLCFLGLVSK	AGAP007399-PA	C14(Carbamidomethyl)	60	9.96E-06	1	2342.194	3.62	Ovary	2L:+:46320389-46320451	exon=> In CDS Exon 3 of transcript AGAP007399-PA
JHU_Ag_13798	EYFPLLLDTK	AGAP007399-PA	-	63	5.55E-06	2	1238.668	0.82	Ovary	2L:+:46320136-46320149,46320226-46320241	exon=> In CDS Exon 2 and 3 of transcript AGAP007399-PA
JHU_Ag_21173	FLADNGFDFNR	AGAP007399-PA	-	91	7.24E-09	1	1315.608	1.09	Ovary	2L:+:46319500-46319532	exon=> In CDS Exon 2 of transcript AGAP007399-PA
JHU_Ag_26856	EHIFYATFPETWR	AGAP007399-PA	-	52	0.000106708	2	1696.810	-1.11	Ovary	2L:+:46320721-46320759	exon=> In CDS Exon 5 of transcript AGAP007399-PA
JHU_Ag_54672	VSYQCYNFYCYPK	AGAP007399-PA	C5(Carbamidomethyl),C10(Carbamidomethyl)	54	2.71E-05	1	1791.762	6.4	Malpighian tubule	2L:+:46319419-46319457	exon=> In CDS Exon 2 of transcript AGAP007399-PA
JHU_Ag_69261	LIIGHNMLLDLFYVLR	AGAP007399-PA	M7(Oxidation)	79	1.86E-08	1	1946.105	6	Ovary	2L:+:46320034-46320081	exon=> In CDS Exon 2 of transcript AGAP007399-PA
JHU_Ag_87060	EGQKIERPQTITTAAK	AGAP007399-PA	-	37	0.001400574	1	1770.976	2.93	Malpighian tubule	2L:+:46321172-46321219	exon=> In CDS Exon 6 of transcript AGAP007399-PA
JHU_Ag_94937	AANILAAAESDLTEEEPK	AGAP007399-PA	-	43	0.000824892	2	1871.932	4.7	Ovary	2L:+:46319617-46319670	exon=> In CDS Exon 2 of transcript AGAP007399-PA
JHU_Ag_192	LLPLTKK	AGAP007400-PA	-	19	0.009647592	1	812.560	-0.26	Midgut	2L:-:46322220-46322200	exon=> In CDS Exon 5 of transcript AGAP007400-PA
JHU_Ag_38174	ILLYAGHDSTVVNILSALK	AGAP007400-PA	-	49	2.57E-05	1	2027.164	5.25	Larva	2L:-:46322079-46322023	exon=> In CDS Exon 5 of transcript AGAP007400-PA
JHU_Ag_759	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	63	2.02E-06	2	1425.595	0	Midgut	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_1576	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	N4(Deamidated),N20(Deamidated),M21(Oxidation)	130	1.37E-12	1	2871.413	-0.24	Midgut	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_3000	IGGIGTVPVGRVETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	88	7.36E-10	1	3504.028	2.18	Malpighian tubule	2L:+:46339606-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_3861	CLIEALDAILPPSRPTDKPLRLPLQDVYK	AGAP007406-PA	C1(Carbamidomethyl)	74	3.96E-08	1	3331.862	5.29	Head	2L:+:46339519-46339605	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_7819	QLIVGVNKMDSTEPPYNEAR	AGAP007406-PA	M9(Oxidation)	60	1.53E-05	2	2277.128	4.24	Larva	2L:+:46339279-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_8070	GWAIERK	AGAP007406-PA	-	36	0.005294217	1	859.479	0.06	Malpighian tubule	2L:+:46339477-46339497	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_8407	GYVAGDSKNAPPK	AGAP007406-PA	-	74	7.98E-07	1	1303.664	-0.41	Malpighian tubule	2L:+:46339807-46339845	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_11087	GWAIER	AGAP007406-PA	-	37	0.003415663	2	731.383	-0.26	Midgut	2L:+:46339477-46339494	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_12196	FSEIKEK	AGAP007406-PA	-	42	0.000768121	1	880.477	-0.8	Malpighian tubule	2L:+:46339954-46339974	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_12313	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	90	5.00E-09	1	3026.617	4.89	Larva	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_14093	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	148	9.86E-15	1	3026.604	0.72	Ovary	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_17847	NAPPKGAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	C33(Carbamidomethyl),C40(Carbamidomethyl)	123	3.49E-12	1	4383.192	3.57	Ovary	2L:+:46339831-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_18127	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	88	1.37E-09	1	2497.433	2.27	Midgut	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_18583	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M21(Oxidation)	178	2.09E-17	1	2871.426	4.29	Malpighian tubule	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_20392	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	130	7.38E-14	1	2497.437	3.54	Malpighian tubule	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_20514	IGYNPAAVAFVPISGWHGDNMLEPSTKMPWFK	AGAP007406-PA	M28(Oxidation),"M21(Oxidation), M28(Oxidation)"	114	3.88E-11	1	3576.770	7.12	Malpighian tubule	2L:+:46339381-46339476	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_21774	KIGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M22(Oxidation)	142	7.77E-14	1	3015.517	4.52	Larva	2L:+:46339378-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_22824	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	128	1.00E-12	1	3026.606	1.44	Salivary gland	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_25475	GAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	N20(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl),"Q17(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl)","C28(Carbamidomethyl), C35(Carbamidomethyl)"	178	1.34E-17	1	3876.890	2.74	Ovary	2L:+:46339846-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_28038	STEDNPK	AGAP007406-PA	-	34	0.004111497	1	790.358	0.33	Midgut	2L:+:46339996-46340016	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_29115	FEEIKK	AGAP007406-PA	-	34	0.004087089	1	793.448	3.03	Ovary	2L:+:46339339-46339356	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_30251	KIGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M22(Oxidation)	167	2.44E-16	1	2999.525	5.43	Salivary gland	2L:+:46339378-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_30638	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M21(Oxidation)	159	1.69E-15	1	2887.413	1.44	Head	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_35221	CLIEALDAILPPSRPTDKPLR	AGAP007406-PA	C1(Carbamidomethyl)	95	9.99E-10	1	2375.318	2.63	Malpighian tubule	2L:+:46339519-46339581	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_40043	CLIEALDAILPPSRPTDKPLRLPLQDVYK	AGAP007406-PA	C1(Carbamidomethyl)	72	8.88E-08	1	3331.841	-1.23	Salivary gland	2L:+:46339519-46339605	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_40138	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M21(Oxidation)	97	2.77E-09	1	2887.415	2.2	Male reproductive organs	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_40824	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	85	1.85E-08	1	3026.607	1.68	Head	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_42643	KIGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M22(Oxidation)	164	4.30E-16	1	2999.522	4.51	Malpighian tubule	2L:+:46339378-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_43549	KIGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M22(Oxidation)	144	5.80E-14	1	3015.515	3.79	Ovary	2L:+:46339378-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_48072	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M21(Oxidation)	183	6.99E-18	1	2871.413	-0.17	Salivary gland	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_50501	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	113	6.69E-12	1	2497.425	-1.15	Male reproductive organs	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_52116	QLIVGVNKMDSTEPPYNEAR	AGAP007406-PA	M9(Oxidation)	50	0.000132915	1	2277.126	3.38	Male reproductive organs	2L:+:46339279-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_52877	CLIEALDAILPPSRPTDKPLR	AGAP007406-PA	C1(Carbamidomethyl)	108	5.85E-11	1	2375.316	1.63	Visceras	2L:+:46339519-46339581	exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_53767	GAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	N20(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl),"N13(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl)","Q17(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl)","C28(Carbamidomethyl), C35(Carbamidomethyl)"	139	1.02E-13	1	3875.901	1.24	Salivary gland	2L:+:46339846-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_54095	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	97	1.71E-10	1	2497.446	7.35	Larva	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_54576	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	77	1.03E-07	1	3026.607	1.68	Visceras	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_54668	GAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	N20(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl),"C28(Carbamidomethyl), C35(Carbamidomethyl)"	80	7.43E-08	1	3876.884	1.09	Midgut	2L:+:46339846-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_55157	QLIVGVNKMDSTEPPYNEAR	AGAP007406-PA	M9(Oxidation)	83	7.47E-08	1	2277.122	1.53	Malpighian tubule	2L:+:46339279-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_59071	GAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	N20(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl),"Q17(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl)","C28(Carbamidomethyl), C35(Carbamidomethyl)"	149	1.17E-14	1	3875.901	1.3	Malpighian tubule	2L:+:46339846-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_60023	IGYNPAAVAFVPISGWHGDNMLEPSTKMPWFK	AGAP007406-PA	M21(Oxidation), M28(Oxidation)	52	6.49E-05	1	3592.765	7.08	Ovary	2L:+:46339381-46339476	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_60037	CLIEALDAILPPSRPTDKPLRLPLQDVYK	AGAP007406-PA	C1(Carbamidomethyl)	76	2.42E-08	1	3331.860	4.71	Visceras	2L:+:46339519-46339605	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_60326	QLIVGVNKMDSTEPPYNEAR	AGAP007406-PA	M9(Oxidation)	59	1.60E-05	1	2277.117	-0.64	Midgut	2L:+:46339279-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_61830	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M21(Oxidation)	169	1.62E-16	1	2871.426	4.35	Ovary	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_63760	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	95	3.67E-10	1	2497.429	0.48	Pupa	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_64188	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	N20(Deamidated), M21(Oxidation),M21(Oxidation)	166	4.32E-16	1	2887.421	4.36	Larva	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_64481	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	N4(Deamidated), M21(Oxidation),"N20(Deamidated), M21(Oxidation)",M21(Oxidation)	135	4.81E-13	1	2871.417	1.16	Pupa	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_65007	AVSFKDAAGGK	AGAP007406-PA	-	62	8.30E-06	2	1050.558	0.24	Malpighian tubule	2L:+:46340158-46340190	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_65927	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	126	2.73E-13	1	2497.428	0.22	Head	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_66895	FEEIKK	AGAP007406-PA	-	36	0.002489 59	1	793.443	-2.89	Head	2L:+:46339339-46339356	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_67839	GAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	N20(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl),"Q17(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl)"," C28(Carbamidomethyl), C35(Carbamidomethyl)"	117	1.77E-11	1	3875.895	-0.15	Male reproductive organs	2L:+:46339846-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_73664	QLIVGVNKMDSTEPPYNEAR	AGAP007406-PA	M9(Oxidation)	51	0.000121 419	1	2277.119	0.24	Salivary gland	2L:+:46339279-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_76386	CLIEALDAILPPSRPTDKPLRLPLQDVYK	AGAP007406-PA	C1(Carbamidomethyl)	105	3.08E-11	1	3331.855	3.17	Malpighian tubule	2L:+:46339519-46339605	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_80227	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	71	3.04E-07	1	1425.594	-0.6	Salivary gland	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_80278	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	77	1.08E-07	1	3026.601	-0.25	Male reproductive organs	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_81186	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	78	6.27E-08	1	1425.595	-0.35	Ovary	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_83722	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	41	0.000405 392	1	3026.606	1.26	Midgut	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_84244	KIGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M22(Oxidation)	129	1.69E-12	1	3015.503	-0.1	Midgut	2L:+:46339378-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_84808	IGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M21(Oxidation)	139	1.83E-13	1	2887.418	3.28	Visceras	2L:+:46339381-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_86934	STEDNPKFIK	AGAP007406-PA	-	68	2.16E-06	1	1178.604	-0.79	Malpighian tubule	2L:+:46339996-46340025	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_87280	KIGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M22(Oxidation)	74	4.68E-07	1	3015.518	4.88	Male reproductive organs	2L:+:46339378-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_88339	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	59	5.85E-06	2	1425.596	0.51	Pupa	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_89928	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	38	0.000730 704	1	1425.597	1.62	Male reproductive organs	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_91194	CLIEALDAILPPSRPTDKPLR	AGAP007406-PA	C1(Carbamidomethyl)	125	1.00E-12	1	2375.322	4.33	Ovary	2L:+:46339519-46339581	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_93759	CLIEALDAILPPSRPTDKPLR	AGAP007406-PA	C1(Carbamidomethyl)	99	5.03E-10	1	2375.312	-0.07	Midgut	2L:+:46339519-46339581	exon=> In CDS Exon 1 of transcript AGAP007406-PA

JHU_Ag_95414	NAPPKGAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	C33(Carbamidomethyl), C40(Carbamidomethyl),"N25(Deamidated), C33(Carbamidomethyl), C40(Carbamidomethyl)"	117	1.36E-11	1	4383.182	1.36	Malpighian tubule	2L:+:46339831-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_96113	QLIVGVNKMDSTEPPYNEAR	AGAP007406-PA	M9(Oxidation)	80	1.44E-07	1	2277.118	0	Ovary	2L:+:46339279-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_97699	MDSTEPPYNEAR	AGAP007406-PA	-	37	0.001244156	1	1409.599	-0.93	Visceras	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_98141	STEDNPK	AGAP007406-PA	-	34	0.00373054	1	790.358	-0.13	Ovary	2L:+:46339996-46340016	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_102636	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	77	8.85E-08	1	1425.597	1.45	Malpighian tubule	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_104453	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	113	5.64E-12	1	2497.431	1.29	Salivary gland	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_105506	SGDAAIVILVPSKPLCVESFQEFPPLGR	AGAP007406-PA	C16(Carbamidomethyl)	112	3.32E-11	1	3026.613	3.44	Malpighian tubule	2L:+:46340026-46340109	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_106600	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	60	6.72E-06	1	1409.600	-0.06	Head	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_106631	CLIEALDAILPPSRPTDKPLRLPLQDVYK	AGAP007406-PA	C1(Carbamidomethyl)	99	1.16E-10	1	3331.864	5.81	Ovary	2L:+:46339519-46339605	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_108306	CLIEALDAILPPSRPTDKPLR	AGAP007406-PA	C1(Carbamidomethyl)	108	6.88E-11	1	2375.315	1.24	Salivary gland	2L:+:46339519-46339581	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_108661	CLIEALDAILPPSRPTDKPLR	AGAP007406-PA	C1(Carbamidomethyl)	89	5.44E-09	1	2375.313	0.63	Head	2L:+:46339519-46339581	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_110754	MDSTEPPYNEAR	AGAP007406-PA	M1(Oxidation)	65	1.59E-06	2	1425.600	3.08	Larva	2L:+:46339303-46339338	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_110888	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	N18(Deamidated)	139	1.26E-14	1	2497.431	1.39	Ovary	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_112586	KIGYNPAAVAFVPISGWHGDNMLEPSTK	AGAP007406-PA	M22(Oxidation)	62	6.14E-06	1	3015.544	13.44	Pupa	2L:+:46339378-46339461	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_113886	VETGVLKPGTVVVFAPVNLTTEVK	AGAP007406-PA	-	105	3.18E-11	1	2497.429	0.51	Visceras	2L:+:46339639-46339710	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_114654	ADGKCLIEALDAILPPSRPTDKPLR	AGAP007406-PA	C5(Carbamidomethyl)	81	3.93E-08	1	2746.477	-5.57	Ovary	2L:+:46339507-46339581	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_115641	GAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	C28(Carbamidomethyl), C35(Carbamidomethyl)	144	3.15E-14	1	3875.908	3.17	Head	2L:+:46339846-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_117432	MPWFKGWAIER	AGAP007406-PA	M1(Oxidation)	80	1.97E-07	1	1420.725	3.7	Malpighian tubule	2L:+:46339462-46339494	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_117772	GAADFTAQVIVLNHPGQISNGYTPVLDCHTAHIACK	AGAP007406-PA	N20(Deamidated), C28(Carbamidomethyl), C35(Carbamidomethyl),"C28(Carbamidomethyl), C35(Carbamidomethyl)"	154	3.66E-15	1	3876.881	0.45	Visceras	2L:+:46339846-46339953	exon=> In CDS Exon 1 of transcript AGAP007406-PA
JHU_Ag_7280	RLLVLK	AGAP007419-PA	-	32	0.000597369	2	741.524	-13.78	Malpighian tubule	2L:+:46530622-46530639	exon=> In CDS Exon 1 of transcript AGAP007419-PA
JHU_Ag_21519	RLLVLK	AGAP007419-PA	-	33	0.000452108	1	741.525	-13.19	Visceras	2L:+:46530622-46530639	exon=> In CDS Exon 1 of transcript AGAP007419-PA

JHU_Ag_7677	DAPKLELPEGVGFK	AGAP007420-PA	-	88	1.36E-08	1	1499.812	0.79	Male reproductive organs	2L:+:46546543-46546584	exon=> In CDS Exon 4 of transcript AGAP007420-PA
JHU_Ag_20623	YCFSNGPPLFR	AGAP007420-PA	C2(Carbamidomethyl)	74	3.44E-07	1	1357.638	1.96	Head	2L:+:46550339-46550371	exon=> In CDS Exon 6 of transcript AGAP007420-PA
JHU_Ag_34249	VVPYKPELYLCTPVK	AGAP007420-PA	C11(Carbamidomethyl)	79	8.87E-08	1	1805.988	0.63	Male reproductive organs	2L:+:46535558-46535572,46546069-46546098	exon=> In CDS Exon 1 and 2 of transcript AGAP007420-PA
JHU_Ag_35159	LELPEGVGFK	AGAP007420-PA	-	41	0.001247741	1	1088.597	-1.7	Male reproductive organs	2L:+:46546555-46546584	exon=> In CDS Exon 4 of transcript AGAP007420-PA
JHU_Ag_38442	ETELNHIPDYDSSHL	AGAP007420-PA	-	63	5.76E-06	1	1769.799	0.85	Male reproductive organs	2L:+:46550384-46550428	exon=> In CDS Exon 6 of transcript AGAP007420-PA
JHU_Ag_50400	DGTTYDDSGIFIHYTTKPLSK	AGAP007420-PA	-	42	0.000999535	1	2359.155	4.03	Male reproductive organs	2L:+:46546654-46546654,46549791-46549852	exon=> In CDS Exon 4 and 5 of transcript AGAP007420-PA
JHU_Ag_56751	KDDAGTDQWTLLGK	AGAP007420-PA	-	90	1.88E-08	1	1547.769	-0.41	Male reproductive organs	2L:+:46550018-46550059	exon=> In CDS Exon 5 of transcript AGAP007420-PA
JHU_Ag_66175	YCFSNGPPLFR	AGAP007420-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), N5(Deamidated)"	75	2.59E-07	1	1357.638	1.6	Male reproductive organs	2L:+:46550339-46550371	exon=> In CDS Exon 6 of transcript AGAP007420-PA
JHU_Ag_66977	DDAGTDQWTLLGK	AGAP007420-PA	-	70	1.81E-06	1	1419.677	1.62	Male reproductive organs	2L:+:46550021-46550059	exon=> In CDS Exon 5 of transcript AGAP007420-PA
JHU_Ag_73075	DPLTPQMFYPVESR	AGAP007420-PA	M7(Oxidation)	84	5.77E-08	1	1695.805	0.42	Male reproductive organs	2L:+:46550063-46550104	exon=> In CDS Exon 5 of transcript AGAP007420-PA
JHU_Ag_77178	FPFLMPK	AGAP007420-PA	M5(Oxidation)	49	9.02E-05	2	895.475	-0.09	Male reproductive organs	2L:+:46535537-46535557	exon=> In CDS Exon 1 of transcript AGAP007420-PA
JHU_Ag_94689	THTHSLGR	AGAP007420-PA	-	41	0.000899253	1	908.469	-0.6	Male reproductive organs	2L:+:46549970-46549993	exon=> In CDS Exon 5 of transcript AGAP007420-PA
JHU_Ag_111610	DSPIQYIVLQVHYAHIDK	AGAP007420-PA	-	68	1.09E-06	1	2139.130	3	Head	2L:+:46546594-46546647	exon=> In CDS Exon 4 of transcript AGAP007420-PA
JHU_Ag_115821	RDPLTPQMFYPVESR	AGAP007420-PA	M8(Oxidation)	59	2.11E-05	1	1851.905	-0.24	Male reproductive organs	2L:+:46550060-46550104	exon=> In CDS Exon 5 of transcript AGAP007420-PA
JHU_Ag_7359	IGGVNEILSVYLMAK	AGAP007421-PA	M13(Oxidation)	82	4.62E-08	1	1622.884	1.21	Malpighian tubule	2L:+:46560337-46560381	exon=> In CDS Exon 7 of transcript AGAP007421-PA
JHU_Ag_41557	YIEDVITPEEAIALLR	AGAP007421-PA	-	72	5.21E-07	1	1845.001	0.31	Malpighian tubule	2L:+:46559598-46559645	exon=> In CDS Exon 4 of transcript AGAP007421-PA
JHU_Ag_43478	FGQFWRELTSDSQLR	AGAP007421-PA	-	75	4.57E-07	1	1869.931	3.81	Malpighian tubule	2L:+:46553915-46553959	exon=> In CDS Exon 2 of transcript AGAP007421-PA
JHU_Ag_49638	TTTSIFER	AGAP007421-PA	-	44	0.000300662	2	954.490	0.64	Malpighian tubule	2L:+:46553891-46553914	exon=> In CDS Exon 2 of transcript AGAP007421-PA
JHU_Ag_55146	CLNITTLQAK	AGAP007421-PA	C1(Carbamidomethyl)	60	1.17E-05	2	1161.629	-0.51	Malpighian tubule	2L:+:46553590-46553619	exon=> In CDS Exon 1 of transcript AGAP007421-PA
JHU_Ag_71811	VGQDLQNDIK	AGAP007421-PA	-	77	2.60E-07	2	1129.586	0.91	Malpighian tubule	2L:+:46559877-46559906	exon=> In CDS Exon 5 of transcript AGAP007421-PA
JHU_Ag_78922	GTDIVLLAVR	AGAP007421-PA	-	80	5.19E-08	2	1056.644	2.47	Malpighian tubule	2L:+:46553834-46553863	exon=> In CDS Exon 2 of transcript AGAP007421-PA
JHU_Ag_90950	NVPVWQLLAEMEPEELVSTIDFR	AGAP007421-PA	M11(Oxidation)	127	2.31E-12	1	2731.372	2.53	Malpighian tubule	2L:+:46554123-46554164,46559571-46559597	exon=> In CDS Exon 3 and 4 of transcript AGAP007421-PA
JHU_Ag_93376	FGQFWR	AGAP007421-PA	-	43	0.000307548	1	840.415	0.12	Midgut	2L:+:46553915-46553932	exon=> In CDS Exon 2 of transcript AGAP007421-PA
JHU_Ag_96222	DFKPLWIEEPTSPDDVLGQAK	AGAP007421-PA	-	70	1.47E-06	1	2385.208	4.29	Malpighian tubule	2L:+:46560082-46560144	exon=> In CDS Exon 6 of transcript AGAP007421-PA
JHU_Ag_108342	YLAAGFK	AGAP007421-PA	-	37	0.001648756	1	769.425	0.36	Malpighian tubule	2L:+:46559841-46559861	exon=> In CDS Exon 5 of transcript AGAP007421-PA
JHU_Ag_110504	VGQDLQNDIKR	AGAP007421-PA	-	65	3.72E-06	1	1285.688	1.62	Malpighian tubule	2L:+:46559877-46559909	exon=> In CDS Exon 5 of transcript AGAP007421-PA

JHU_Ag_111899	YIEDVITPEEAIALLRETKPTR	AGAP007421-PA	-	70	3.03E-07	1	2557.398	4.22	Malpighian tubule	2L:+:46559598-46559663	exon=> In CDS Exon 4 of transcript AGAP007421-PA
JHU_Ag_116299	ELTSDSQLR	AGAP007421-PA	-	54	7.92E-05	2	1048.525	-2.04	Malpighian tubule	2L:+:46553933-46553959	exon=> In CDS Exon 2 of transcript AGAP007421-PA
JHU_Ag_5113	GETVSQENYNSAIGGIIGR	AGAP007422-PA	-	103	8.89E-10	2	1964.969	0.95	Ovary	2L:-:46558069-46558013	exon=> In CDS Exon 2 of transcript AGAP007422-PA
JHU_Ag_15136	GGALGGGSSPSPLGNAGTIIAGNHIR	AGAP007422-PA	-	48	0.000146462	1	2331.226	4.27	Malpighian tubule	2L:-:46557811-46557734	exon=> In CDS Exon 2 of transcript AGAP007422-PA
JHU_Ag_23008	AGIGGGGGGGGGTASLR	AGAP007422-PA	-	76	3.54E-07	1	1301.656	0.51	Ovary	2L:-:46558443-46558393	exon=> In CDS Exon 1 of transcript AGAP007422-PA
JHU_Ag_37832	YSATAAAAASSSSHLHSLR	AGAP007422-PA	-	65	5.65E-06	1	1887.933	1.2	Head	2L:-:46557973-46557917	exon=> In CDS Exon 2 of transcript AGAP007422-PA
JHU_Ag_81102	GGALGGGSSPSPLGNAGTIIAGNHIR	AGAP007422-PA	-	98	1.79E-09	1	2331.215	-0.52	Ovary	2L:-:46557811-46557734	exon=> In CDS Exon 2 of transcript AGAP007422-PA
JHU_Ag_98878	AGIGGGGGGGGGTASLR	AGAP007422-PA	-	125	4.72E-12	1	1301.660	3.61	Malpighian tubule	2L:-:46558443-46558393	exon=> In CDS Exon 1 of transcript AGAP007422-PA
JHU_Ag_114013	LISEIIHAVSQAAANASDAAANK	AGAP007422-PA	-	101	7.31E-10	1	2265.192	3.71	Ovary	2L:-:46556920-46556852	exon=> In CDS Exon 2 of transcript AGAP007422-PA
JHU_Ag_47303	LVQYGFPNLPVTTTTR	AGAP007422-PA,AGAP007422-PB	-	52	5.66E-05	2	1806.982	3.97	Ovary	2L:-:46559010-46558963;2L:-:46559010-46558963	exon=> In CDS Exon 1 of transcript AGAP007422-PA;exon=> In CDS Exon 1 of transcript AGAP007422-PB
JHU_Ag_53825	LSGTNEFNENDIVTHAQPSPEPPSIPFR	AGAP007422-PA,AGAP007422-PB	-	123	8.16E-12	1	3093.494	0.74	Ovary	2L:-:46557718-46557635;2L:-:46557718-46557635	exon=> In CDS Exon 2 of transcript AGAP007422-PA;exon=> In CDS Exon 4 of transcript AGAP007422-PB
JHU_Ag_82254	EGDAPPVSGLMSAGEVLK	AGAP007422-PA,AGAP007422-PB	M11(Oxidation)	47	0.000334831	1	1772.873	-0.22	Midgut	2L:-:46557322-46557269;2L:-:46557322-46557269	exon=> In CDS Exon 2 of transcript AGAP007422-PA;exon=> In CDS Exon 4 of transcript AGAP007422-PB
JHU_Ag_82269	IAFEVASIAGEDFR	AGAP007422-PA,AGAP007422-PB	-	46	0.000413162	2	1524.772	1.66	Ovary	2L:-:46556710-46556669;2L:-:46556710-46556669	exon=> In CDS Exon 2 of transcript AGAP007422-PA;exon=> In CDS Exon 5 of transcript AGAP007422-PB
JHU_Ag_88047	LVQYGFPNLPVTTTTR	AGAP007422-PA,AGAP007422-PB	-	49	0.000102602	1	1806.983	4.38	Head	2L:-:46559010-46558963;2L:-:46559010-46558963	exon=> In CDS Exon 1 of transcript AGAP007422-PA;exon=> In CDS Exon 1 of transcript AGAP007422-PB
JHU_Ag_110172	LSGTNEFNENDIVTHAQPSPEPPSIPFR	AGAP007422-PA,AGAP007422-PB	-	133	8.07E-13	1	3093.505	4.4	Malpighian tubule	2L:-:46557718-46557635;2L:-:46557718-46557635	exon=> In CDS Exon 2 of transcript AGAP007422-PA;exon=> In CDS Exon 4 of transcript AGAP007422-PB
JHU_Ag_36064	LTTLSIR	AGAP007446-PA	-	33	0.001316862	2	803.500	1.77	Ovary	2L:+:46616539-46616559	exon=> In CDS Exon 2 of transcript AGAP007446-PA
JHU_Ag_63837	LIVDLVK	AGAP007446-PA	-	32	0.000982843	1	799.539	12.27	Head	2L:+:46617118-46617138	exon=> In CDS Exon 2 of transcript AGAP007446-PA
JHU_Ag_65911	LTTLSIR	AGAP007446-PA	-	45	0.000105514	2	803.498	-0.28	Midgut	2L:+:46616539-46616559	exon=> In CDS Exon 2 of transcript AGAP007446-PA
JHU_Ag_70912	LTTLSIR	AGAP007446-PA	-	39	0.000262532	2	803.501	2.84	Larva	2L:+:46616539-46616559	exon=> In CDS Exon 2 of transcript AGAP007446-PA
JHU_Ag_79571	LTTLSIR	AGAP007446-PA	-	43	0.000171518	2	803.499	0.1	Salivary gland	2L:+:46616539-46616559	exon=> In CDS Exon 2 of transcript AGAP007446-PA
JHU_Ag_96099	LTTLSIR	AGAP007446-PA	-	41	0.000280744	2	803.498	-0.13	Pupa	2L:+:46616539-46616559	exon=> In CDS Exon 2 of transcript AGAP007446-PA
JHU_Ag_6276	EAIVQLDQRHEAVR	AGAP007453-PA	-	47	0.000181399	1	1663.891	1.81	Ovary	2L:+:46646947-46646988	exon=> In CDS Exon 2 of transcript AGAP007453-PA

JHU_Ag_9520	LAPPTSALVLNDLTTLSLAHNR	AGAP007453-PA	-	80	2.56E-08	2	2317.298	4.48	Ovary	2L:+:46646482-46646547	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_17079	LAEKLPIR	AGAP007453-PA	-	42	7.15E-05	1	939.599	0.18	Malpighian tubule	2L:+:46646158-46646181	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_19228	LETNPSSSSYALK	AGAP007453-PA	-	83	7.85E-08	1	1396.698	1.65	Ovary	2L:+:46646272-46646310	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_22305	QSLADSDGTLLDK	AGAP007453-PA	-	83	9.20E-08	1	1362.673	-1.02	Ovary	2L:+:46646740-46646778	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_34730	FTELSMAVFEK	AGAP007453-PA	M6(Oxidation)	76	3.99E-07	1	1317.642	1.57	Ovary	2L:+:46646401-46646433	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_36137	SLPTVDSELPDLSKR	AGAP007453-PA	-	79	1.54E-07	1	1656.882	1.21	Ovary	2L:+:46646065-46646109	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_44058	FLEEQEDESER	AGAP007453-PA	-	69	5.82E-07	1	1410.602	-0.28	Ovary	2L:+:46647058-46647090	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_44412	EAIVQLDQR	AGAP007453-PA	-	43	0.000440 56	2	1071.578	-1.56	Ovary	2L:+:46646947-46646973	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_56728	LELAGNR	AGAP007453-PA	-	37	0.002730 881	2	772.432	1.32	Ovary	2L:+:46646671-46646691	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_58972	FLEEQEDESERAHAQAAR	AGAP007453-PA	-	60	1.31E-05	1	2115.971	0.89	Ovary	2L:+:46647058-46647111	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_59512	WSCGWLQHALEK	AGAP007453-PA	C3(Carbamidomethyl)	58	2.15E-05	2	1514.723	1.48	Ovary	2L:+:46646692-46646727	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_60787	SLPTVDSELPDLSKR	AGAP007453-PA	-	85	3.28E-08	1	1656.885	2.53	Malpighian tubule	2L:+:46646065-46646109	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_71807	LAEKLPIR	AGAP007453-PA	-	38	0.000223 843	1	939.598	-0.86	Ovary	2L:+:46646158-46646181	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_72848	LEVASEPSAK	AGAP007453-PA	-	42	0.001129 414	1	1030.553	10.88	Salivary gland	2L:+:46647313-46647342	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_73351	SLPTVDSELPDLSK	AGAP007453-PA	-	57	2.78E-05	2	1500.779	-0.26	Ovary	2L:+:46646065-46646106	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_86399	LETNPSSSSYALK	AGAP007453-PA	-	47	0.000310 657	1	1396.695	-0.01	Malpighian tubule	2L:+:46646272-46646310	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_93899	FFDLQKLELAGNR	AGAP007453-PA	-	68	1.55E-06	1	1550.841	5.39	Ovary	2L:+:46646653-46646691	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_94986	EAIVQLDQRHEAVR	AGAP007453-PA	-	74	4.85E-07	1	1663.888	0.49	Malpighian tubule	2L:+:46646947-46646988	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_115591	LEVASEPSAK	AGAP007453-PA	-	37	0.003287 404	1	1030.554	11.59	Pupa	2L:+:46647313-46647342	exon=> In CDS Exon 2 of transcript AGAP007453-PA
JHU_Ag_5123	LLTVSSPADTPIQLVK	AGAP007454-PA	-	101	1.85E-10	2	1681.984	6.11	Malpighian tubule	2L:-:46648422-46648375	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_9967	ELANKLPGIFDLTVDK	AGAP007454-PA	-	98	1.02E-09	1	1772.986	3.47	Ovary	2L:-:46648746-46648699	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_14794	LGIVQLFIRPSLVHLSAVDNAIDK	AGAP007454-PA	-	61	5.78E-07	1	2618.522	7.44	Malpighian tubule	2L:-:46648698-46648627	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_17556	LSFAGNQLPLIDIR	AGAP007454-PA	Q7(Deamidated)	127	1.04E-12	1	1556.884	2.97	Ovary	2L:-:46648365-46648324	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_27491	TVTLETVLQEK	AGAP007454-PA	-	85	2.89E-08	1	1260.708	2.83	Ovary	2L:-:46647831-46647799	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_27530	VKDVTLDTER	AGAP007454-PA	-	78	2.64E-07	1	1175.629	1.71	Ovary	2L:-:46648854-46648825	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_28407	LKELPSLDR	AGAP007454-PA	-	45	0.000254 574	1	1070.622	1.18	Ovary	2L:-:46648560-46648534	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_29415	LIEGGIDR	AGAP007454-PA	-	51	0.000114 058	1	872.485	1.08	Ovary	2L:-:46647867-46647844	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_30418	LGIVQLFIRPSLVHLSAVDNAIDK	AGAP007454-PA	Q5(Deamidated)	169	8.55E-18	1	2618.521	6.95	Ovary	2L:-:46648698-46648627	exon=> In CDS Exon 2 of transcript AGAP007454-PA

JHU_Ag_31734	HVLEAQLK	AGAP007454-PA	-	58	5.32E-06	1	937.550	3.42	Ovary	2L:-:46647954-46647931	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_34837	LPGIFDLTVDK	AGAP007454-PA	-	72	6.21E-07	1	1217.681	2.49	Ovary	2L:-:46648731-46648699	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_34972	VEGNLAQFPALK	AGAP007454-PA	-	62	7.15E-06	1	1286.716	4.36	Malpighian tubule	2L:-:46648266-46648231	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_35177	HVLEAQLK	AGAP007454-PA	-	46	0.000128143	1	937.547	0.1	Malpighian tubule	2L:-:46647954-46647931	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_37545	VKDVTLDTER	AGAP007454-PA	-	78	2.60E-07	1	1175.627	0.25	Malpighian tubule	2L:-:46648854-46648825	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_42377	LLTVSSPADTPIQLVK	AGAP007454-PA	-	91	1.92E-09	2	1681.979	3.06	Ovary	2L:-:46648422-46648375	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_44091	SYDQQALLSTHMER	AGAP007454-PA	M12(Oxidation)	105	5.00E-10	1	1678.789	1.99	Ovary	2L:-:46647591-46647550	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_47587	VRLNGQEIQQQLSK	AGAP007454-PA	N4(Deamidated)	42	0.000531949	2	1641.899	4.37	Ovary	2L:-:46647519-46647478	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_48617	LTLDADQPGR	AGAP007454-PA	-	35	0.002884062	1	1085.562	3.28	Malpighian tubule	2L:-:46648155-46648126	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_53424	VNTVQGELDK	AGAP007454-PA	-	50	0.000182081	2	1102.575	0.64	Ovary	2L:-:46647549-46647520	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_56869	QIVDAR	AGAP007454-PA	-	39	0.001304617	2	701.394	0.25	Ovary	2L:-:46647783-46647766	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_60016	SYDQQALLSTHMER	AGAP007454-PA	M12(Oxidation)	79	2.03E-07	1	1694.784	2.38	Malpighian tubule	2L:-:46647591-46647550	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_60622	LMTLAVDNNVLSSIDMATFSR	AGAP007454-PA	M2(Oxidation),"M2(Oxidation), M16(Oxidation)"	133	8.31E-13	2	2314.145	1.49	Malpighian tubule	2L:-:46648524-46648462	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_64050	TVTLETVLQEKVDQLR	AGAP007454-PA	-	127	6.81E-13	2	1872.049	2.87	Ovary	2L:-:46647831-46647784	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_65552	AVQTASFSDVRDPLVIESGTIVHFSR	AGAP007454-PA	-	211	6.07E-21	1	2831.474	2.01	Ovary	2L:-:46648824-46648747	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_65765	LRELLETTTR	AGAP007454-PA	-	55	2.30E-05	1	1231.701	0.26	Malpighian tubule	2L:-:46647645-46647616	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_66083	LLEVQAEHGTELK	AGAP007454-PA	-	110	9.11E-11	1	1466.786	0.64	Ovary	2L:-:46647906-46647868	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_67103	LLEVQAEHGTELK	AGAP007454-PA	-	90	1.02E-08	2	1466.788	1.72	Malpighian tubule	2L:-:46647906-46647868	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_71716	LSFAGNQLPLIDIR	AGAP007454-PA	-	101	4.38E-10	1	1556.886	4.3	Malpighian tubule	2L:-:46648365-46648324	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_72982	DKTVTLETVLQEK	AGAP007454-PA	-	93	3.87E-09	1	1503.831	2.88	Ovary	2L:-:46647837-46647799	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_79380	TWEFDSLR	AGAP007454-PA	-	59	1.33E-05	2	1053.504	3.96	Ovary	2L:-:46648323-46648300	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_80289	LEPTVDLIYSFLK	AGAP007454-PA	-	83	2.90E-08	1	1537.860	5.45	Malpighian tubule	2L:-:46647477-46647439	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_84192	LEPTVDLIYSFLK	AGAP007454-PA	-	109	7.02E-11	1	1537.852	0.61	Ovary	2L:-:46647477-46647439	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_86890	LMTLAVDNNVLSSIDMATFSR	AGAP007454-PA	M2(Oxidation),M16(Oxidation),"M2(Oxidation), M16(Oxidation)"	195	5.68E-19	1	2330.135	-0.95	Ovary	2L:-:46648524-46648462	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_92238	VLTLAHNR	AGAP007454-PA	-	55	1.60E-05	1	923.543	1.12	Ovary	2L:-:46648446-46648423	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_92544	VEGNLAQFPALK	AGAP007454-PA	-	98	2.24E-09	1	1286.712	1.61	Ovary	2L:-:46648266-46648231	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_92848	VLTLAHNR	AGAP007454-PA	-	54	1.92E-05	1	923.542	0.13	Malpighian tubule	2L:-:46648446-46648423	exon=> In CDS Exon 2 of transcript AGAP007454-PA

JHU_Ag_95743	SYDQQALLSTHMER	AGAP007454-PA	Q4(Deamidated), Q5(Deamidated), M12(Oxidation)	35	0.002494947	2	1696.727	-12.52	Midgut	2L:-:46647591-46647550	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_96591	TLNTQLSK	AGAP007454-PA	-	45	0.000236247	2	904.511	1.37	Ovary	2L:-:46647930-46647907	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_97097	LLEVQAEHGTELKLIEGGIDR	AGAP007454-PA	-	58	1.05E-05	1	2320.257	2.65	Ovary	2L:-:46647906-46647844	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_97134	LNGQEIQQQLSK	AGAP007454-PA	Q4(Deamidated),N2(Deamidated)	99	1.40E-09	2	1385.742	2.52	Ovary	2L:-:46647513-46647478	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_99260	VLDIAGNR	AGAP007454-PA	-	57	2.30E-05	2	857.485	1.21	Ovary	2L:-:46648230-46648207	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_100004	LRELLETTTR	AGAP007454-PA	-	61	5.26E-06	1	1231.700	-0.23	Ovary	2L:-:46647645-46647616	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_104713	VNTVQGELDKVR	AGAP007454-PA	-	97	2.11E-09	1	1357.744	0.26	Ovary	2L:-:46647549-46647514	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_109092	LTLDADQPGR	AGAP007454-PA	-	65	2.77E-06	1	1085.559	-0.09	Ovary	2L:-:46648155-46648126	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_109331	ELPSLDR	AGAP007454-PA	-	33	0.004641801	2	829.443	1.47	Ovary	2L:-:46648554-46648534	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_116497	EGCGEELD	AGAP007454-PA	C3(Carbamidomethyl)	23	0.0023346	1	908.332	2.16	Ovary	2L:-:46647429-46647406	exon=> In CDS Exon 2 of transcript AGAP007454-PA
JHU_Ag_12046	DNQSQFSYMTVVAK	AGAP007455-PA	M9(Oxidation)	120	1.41E-11	1	1633.759	3.75	Ovary	2L:+:46650768-46650809	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_13088	LNDNQLESVESMR	AGAP007455-PA	M12(Oxidation)	101	1.29E-09	1	1534.720	1.86	Malpighian tubule	2L:+:46649895-46649933	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_14186	LVDIEDKTILNIK	AGAP007455-PA	-	108	3.32E-11	1	1513.889	3.26	Ovary	2L:+:46649655-46649693	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_19868	TLHVPEAAPAAYR	AGAP007455-PA	-	62	7.12E-06	1	1395.740	1.39	Ovary	2L:+:46649841-46649879	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_22299	LVELEQKLEK	AGAP007455-PA	-	76	1.87E-07	1	1228.714	-0.91	Ovary	2L:+:46650711-46650740	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_32825	VSGLDNVQALSDISLAGNR	AGAP007455-PA	-	86	2.74E-08	2	1929.003	-0.56	Malpighian tubule	2L:+:46650201-46650257	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_34700	ESIDKVESK	AGAP007455-PA	-	63	8.22E-06	1	1034.537	0.3	Ovary	2L:+:46650684-46650710	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_38348	ELCFAPSFVYVSAEHNR	AGAP007455-PA	C3(Carbamidomethyl)	127	2.56E-12	1	2025.949	0.23	Ovary	2L:+:46649784-46649834	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_38979	TLHVPEAAPAAYRVEVLR	AGAP007455-PA	-	51	2.92E-05	1	1992.109	2.98	Malpighian tubule	2L:+:46649841-46649894	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_41547	LKELSSMLAMLR	AGAP007455-PA	M7(Oxidation), M10(Oxidation)	34	0.003292293	2	1423.768	1.88	Ovary	2L:+:46650849-46650884	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_47310	FDTLQER	AGAP007455-PA	-	46	0.000442895	2	908.449	2.01	Malpighian tubule	2L:+:46650420-46650440	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_49410	ELSSMLAMLR	AGAP007455-PA	M5(Oxidation), M8(Oxidation)	38	0.002208538	2	1182.591	4.61	Ovary	2L:+:46650855-46650884	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_50803	TCFLNIVK	AGAP007455-PA	C2(Carbamidomethyl)	54	2.99E-05	1	994.543	3.92	Ovary	2L:+:46649604-46649627	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_54519	GGSIVALQPQHCSSVFAK	AGAP007455-PA	C12(Carbamidomethyl)	98	2.39E-09	1	1885.961	1.32	Ovary	2L:+:46649694-46649747	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_56558	ATQCDECVCSK	AGAP007455-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C9(Carbamidomethyl)	39	5.61E-05	2	1357.515	-2.28	Ovary	2L:+:46650651-46650683	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_57974	VGLKELCFAPSFVYVSAEHNR	AGAP007455-PA	C7(Carbamidomethyl)	121	1.09E-11	1	2423.227	3.64	Ovary	2L:+:46649772-46649834	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_60328	VGLKELCFAPSFVYVSAEHNR	AGAP007455-PA	C7(Carbamidomethyl)	39	0.00201077	1	2423.226	3.4	Malpighian tubule	2L:+:46649772-46649834	exon=> In CDS Exon 2 of transcript AGAP007455-PA

JHU_Ag_62698	FDTLQER	AGAP007455-PA	-	54	7.57E-05	2	908.450	3.48	Ovary	2L:+:46650420-46650440	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_63558	GLKDNQSQFSYMTVVAK	AGAP007455-PA	M12(Oxidation)	95	6.67E-09	1	1931.959	2.95	Ovary	2L:+:46650759-46650809	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_91018	AFVALKELHLER	AGAP007455-PA	-	72	3.43E-07	1	1425.826	3.09	Ovary	2L:+:46649934-46649969	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_93004	AFVALKELHLER	AGAP007455-PA	-	48	8.37E-05	1	1425.826	3.5	Malpighian tubule	2L:+:46649934-46649969	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_96619	AFVALK	AGAP007455-PA	-	32	0.002614328	1	648.409	0.94	Ovary	2L:+:46649934-46649951	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_101341	TLHVPEAAPAAYRVEVLR	AGAP007455-PA	-	51	3.09E-05	1	1992.105	1.34	Ovary	2L:+:46649841-46649894	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_104852	NNALLK	AGAP007455-PA	-	35	0.002264368	1	672.404	0.54	Ovary	2L:+:46650741-46650758	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_105970	NALSTLDMACFAEMPK	AGAP007455-PA	C10(Carbamidomethyl), M14(Oxidation),"M8(Oxidation), C10(Carbamidomethyl), M14(Oxidation)"	77	1.77E-07	2	1830.814	3.87	Ovary	2L:+:46649970-46650017	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_109484	LNDNQLESVESMR	AGAP007455-PA	M12(Oxidation)	103	6.89E-10	1	1534.718	1.15	Ovary	2L:+:46649895-46649933	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_115502	VSGLDNVQALSDISLAGNR	AGAP007455-PA	-	177	2.04E-17	1	1929.007	1.97	Ovary	2L:+:46650201-46650257	exon=> In CDS Exon 2 of transcript AGAP007455-PA
JHU_Ag_2756	KVQNYVYETSER	AGAP007456-PA	-	91	1.11E-08	2	1515.744	0.15	Ovary	2L:+:46652619-46652654	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_6347	LRHALDTETAQLER	AGAP007456-PA	-	82	5.03E-08	1	1652.883	7.08	Ovary	2L:+:46652415-46652456	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_7675	LMGSVAQDQDEIKR	AGAP007456-PA	M2(Oxidation)	94	6.87E-09	1	1605.794	2.37	Ovary	2L:+:46652361-46652402	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_8546	MYIWSNLEQLSAR	AGAP007456-PA	M1(Oxidation)	97	3.14E-09	2	1626.803	5.23	Ovary	2L:+:46651557-46651595	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_21549	IDHLEDQLAEAQQLENSLHR	AGAP007456-PA	-	35	0.005286518	1	2359.165	0.7	Malpighian tubule	2L:+:46652685-46652744	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_22010	YGERIDHLEDQLAEAQQLENSLHR	AGAP007456-PA	-	136	3.60E-13	1	2864.400	2.86	Ovary	2L:+:46652673-46652744	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_22364	VDDAYRVIEEVIPR	AGAP007456-PA	-	35	0.004174358	3	1673.889	2.14	Ovary	2L:+:46652769-46652810	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_29515	AVVELGQSIDELR	AGAP007456-PA	-	91	7.87E-09	2	1428.777	5.53	Ovary	2L:+:46652478-46652516	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_40685	AVRPKPTLDAVR	AGAP007456-PA	-	36	0.000364706	1	1322.795	3.28	Malpighian tubule	2L:+:46652523-46652558	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_41635	LKHLSLASNR	AGAP007456-PA	-	31	0.001551507	1	1138.669	-0.15	Ovary	2L:+:46651887-46651916	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_47596	MYIWSNLEQLSAR	AGAP007456-PA	M1(Oxidation)	61	1.14E-05	2	1626.799	2.68	Malpighian tubule	2L:+:46651557-46651595	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_54991	AVVELGQSIDELRER	AGAP007456-PA	-	67	1.91E-06	1	1713.918	2.81	Ovary	2L:+:46652478-46652522	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_59585	GIAVKDQDPAAR	AGAP007456-PA	-	45	0.000314778	1	1240.666	1.55	Ovary	2L:+:46652112-46652147	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_65808	HALDTETAQLERLEER	AGAP007456-PA	-	56	3.83E-05	1	1910.963	3.18	Ovary	2L:+:46652421-46652468	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_67230	HLSLASNR	AGAP007456-PA	-	37	0.001223927	1	897.492	1.81	Ovary	2L:+:46651893-46651916	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_69340	RAGDLTAR	AGAP007456-PA	-	46	0.000511884	1	859.475	0.12	Ovary	2L:+:46652745-46652768	exon=> In CDS Exon 2 of transcript AGAP007456-PA

JHU_Ag_69621	LDDNELSSVPLFGK	AGAP007456-PA	-	67	3.25E-06	2	1533.784	3.18	Ovary	2L:+:46651662-46651703	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_71985	SIHQGVQLLK	AGAP007456-PA	-	74	1.27E-07	1	1122.663	-0.33	Ovary	2L:+:46651857-46651886	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_73061	HALDTETAQLER	AGAP007456-PA	-	103	7.20E-10	1	1383.689	1.93	Ovary	2L:+:46652421-46652456	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_73794	LEEVALDSFTGLGQLQSLSLAR	AGAP007456-PA	-	151	5.18E-15	1	2347.260	4.08	Ovary	2L:+:46651746-46651811	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_75876	SLRLDDNELSSVPLFGK	AGAP007456-PA	-	92	7.87E-09	1	1890.000	1.52	Ovary	2L:+:46651653-46651703	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_76176	RYELVQYSYDQVEDADLNLITER	AGAP007456-PA	-	73	7.35E-07	3	2832.374	2.01	Malpighian tubule	2L:+:46652271-46652339	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_79598	FGAYSYQMR	AGAP007456-PA	M8(Oxidation)	44	0.000266 89	2	1138.498	-0.48	Ovary	2L:+:46652850-46652876	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_83545	VIEEVIPR	AGAP007456-PA	-	47	6.13E-05	2	954.564	2.07	Ovary	2L:+:46652787-46652810	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_86324	AVRPKPTLDAVR	AGAP007456-PA	-	51	8.87E-06	3	1322.791	0.72	Ovary	2L:+:46652523-46652558	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_87249	VQNYVYETSER	AGAP007456-PA	-	83	6.44E-08	1	1387.655	4.74	Ovary	2L:+:46652622-46652654	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_89755	QFPQVQDLTVDAMGIRK	AGAP007456-PA	M13(Oxidation)	52	8.87E-05	1	1962.014	1.16	Ovary	2L:+:46651506-46651556	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_92865	IDHLEDQLAEAQQLENSLHRR	AGAP007456-PA	-	94	5.92E-09	1	2515.264	-0.19	Ovary	2L:+:46652685-46652747	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_95347	NGLIVVESTTR	AGAP007456-PA	N1(Deamidated)	55	3.84E-05	2	1188.658	0.03	Ovary	2L:+:46651812-46651844	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_101168	YLSLEGNRLEEVALDSFTGLGQLQSLSLAR	AGAP007456-PA	-	161	4.02E-16	1	3279.740	5.49	Ovary	2L:+:46651722-46651811	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_103151	RYELVQYSYDQVEDADLNLITER	AGAP007456-PA	-	171	1.04E-16	1	2832.374	1.75	Ovary	2L:+:46652271-46652339	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_105600	QQTIGDSIER	AGAP007456-PA	-	47	0.000452 301	2	1146.577	1.82	Ovary	2L:+:46652559-46652588	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_108151	ALDFASIGVEHR	AGAP007456-PA	-	104	5.24E-10	1	1314.683	2.2	Ovary	2L:+:46651611-46651646	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_108454	SLRLDDNELSSVPLFGK	AGAP007456-PA	-	43	0.000537 073	1	1890.004	3.8	Malpighian tubule	2L:+:46651653-46651703	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_113168	SLNGICCYER	AGAP007456-PA	N3(Deamidated), C6(Carbamidomethyl), C7(Carbamidomethyl),"C6 (Carbamidomethyl), C7(Carbamidomethyl)"	45	0.000225 851	2	1271.553	1.78	Ovary	2L:+:46652169-46652198	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_113978	IDHLEDQLAEAQQLENSLHR	AGAP007456-PA	-	144	5.68E-14	1	2359.174	4.51	Ovary	2L:+:46652685-46652744	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_116219	ALDQELNDKDPFGSR	AGAP007456-PA	-	97	3.29E-09	1	1704.824	3.04	Ovary	2L:+:46652199-46652243	exon=> In CDS Exon 2 of transcript AGAP007456-PA
JHU_Ag_42327	SNISIIDLSDVPIR	AGAP007458-PA	N2(Deamidated)	35	0.003086 179	1	1542.841	2.62	Male reproductive organs	2L:+:46699584-46699625	exon=> In CDS Exon 1 of transcript AGAP007458-PA
JHU_Ag_11611	RPSDAELLELYALFK	AGAP007460-PB	-	87	1.99E-08	1	1764.954	0.67	Ovary	2L:+:46712560-46712604	exon=> In CDS Exon 2 of transcript AGAP007460-PB
JHU_Ag_15267	EAAMEAYIK	AGAP007460-PB	-	47	0.000253 982	1	1025.496	-1.38	Midgut	2L:+:46712707-46712733	exon=> In CDS Exon 2 of transcript AGAP007460-PB
JHU_Ag_25719	RPSDAELLELYALFK	AGAP007460-PB	-	60	7.99E-06	1	1764.962	4.79	Visceras	2L:+:46712560-46712604	exon=> In CDS Exon 2 of transcript AGAP007460-PB
JHU_Ag_42742	RPSDAELLELYALFK	AGAP007460-PB	-	50	6.80E-05	3	1764.965	6.68	Head	2L:+:46712560-46712604	exon=> In CDS Exon 2 of transcript AGAP007460-PB

JHU_Ag_65052	RPSDAELLELYALFK	AGAP007460-PB	-	74	2.69E-07	2	1764.961	4.72	Malpighian tubule	2L:+:46712560-46712604	exon=> In CDS Exon 2 of transcript AGAP007460-PB
JHU_Ag_84997	QATVGDNETEKPGMFDLK	AGAP007460-PB	M14(Oxidation)	80	1.51E-07	1	1995.937	2.2	Midgut	2L:+:46712605-46712658	exon=> In CDS Exon 2 of transcript AGAP007460-PB
JHU_Ag_86042	FNESAEK	AGAP007460-PB	-	44	0.000442 98	1	824.382	4.7	Midgut	2L:+:46712521-46712541	exon=> In CDS Exon 2 of transcript AGAP007460-PB
JHU_Ag_95255	RPSDAELLELYALFK	AGAP007460-PB	-	88	1.67E-08	2	1764.950	-1.71	Midgut	2L:+:46712560-46712604	exon=> In CDS Exon 2 of transcript AGAP007460-PB
JHU_Ag_669	FWGLILKPGK	AGAP007473-PA	-	36	0.000651 73	2	1158.708	3.88	Ovary	2L:-:46749734-46749737,46748309-46749395	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_12628	TLQDGLMVEDLK	AGAP007473-PA	M7(Oxidation)	97	3.33E-09	1	1361.703	3.58	Malpighian tubule	2L:-:46748641-46748606	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_16792	MFWGLILKPGK	AGAP007473-PA	M1(Oxidation)	57	9.93E-06	1	1289.748	3.41	Midgut	2L:-:46749737-46749737,46748309-46749395	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_20805	VFDSTNKGPGLK	AGAP007473-PA	-	77	2.81E-07	1	1262.679	3.68	Salivary gland	2L:-:46748527-46748492	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_21140	GWDLGVAGMK	AGAP007473-PA	M9(Oxidation)	46	0.000463 463	2	1049.507	-1.21	Male reproductive organs	2L:-:46748461-46748432	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_21707	LVIPHK	AGAP007473-PA	-	39	5.26E-05	2	706.461	0.6	Salivary gland	2L:-:46748413-46748396	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_22897	LVIPHK	AGAP007473-PA	-	36	0.000111 959	2	706.461	0.08	Malpighian tubule	2L:-:46748413-46748396	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_23446	VGNGPEAKPGKK	AGAP007473-PA	N3(Deamidated)	46	0.000174 705	1	1182.650	2.04	Ovary	2L:-:46748605-46748570	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_24276	VFDSTNKGPGLK	AGAP007473-PA	-	77	2.96E-07	2	1262.673	-0.86	Midgut	2L:-:46748527-46748492	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_24461	VGNGPEAKPGKK	AGAP007473-PA	N3(Deamidated)	71	6.58E-07	1	1182.644	-3.44	Male reproductive organs	2L:-:46748605-46748570	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_28451	VFDSTNKGPGLK	AGAP007473-PA	-	83	7.31E-08	1	1262.674	-0.09	Malpighian tubule	2L:-:46748527-46748492	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_29832	IAVYYEGRLK	AGAP007473-PA	-	35	0.002197 421	1	1211.680	1.07	Malpighian tubule	2L:-:46748569-46748540	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_32444	MFWGLILKPGKK	AGAP007473-PA	M1(Oxidation)	51	1.73E-05	1	1433.835	0.88	Male reproductive organs	2L:-:46749737-46749737,46748309-46749392	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_38056	VGNGPEAKPGKK	AGAP007473-PA	-	51	3.51E-05	1	1181.664	0.18	Salivary gland	2L:-:46748605-46748570	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_48214	MFWGLILKPGK	AGAP007473-PA	M1(Oxidation)	51	3.95E-05	2	1305.744	3.99	Salivary gland	2L:-:46749737-46749737,46748309-46749395	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_51866	GWDLGVAGMK	AGAP007473-PA	M9(Oxidation)	47	0.000377 35	2	1049.509	0.19	Ovary	2L:-:46748461-46748432	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_52938	GSPPVIPPCSTLVFEVELK	AGAP007473-PA	C9(Carbamidomethyl)	51	6.55E-05	1	2069.103	1.81	Ovary	2L:-:46748377-46748321	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_53695	AIPQVQLNQEFATGDEISFATK	AGAP007473-PA	-	136	3.52E-13	1	2407.219	2	Ovary	2L:-:46749262-46749197	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_56996	MFWGLILKPGKK	AGAP007473-PA	-	45	4.79E-05	1	1417.839	0.16	Malpighian tubule	2L:-:46749737-46749737,46748309-46749392	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_59086	MFWGLILKPGK	AGAP007473-PA	N-Term(Acetyl)	41	0.000637 027	1	1331.754	-0.6	Ovary	2L:-:46749737-46749737,46748309-46749395	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_59995	LVIPHK	AGAP007473-PA	-	42	2.62E-05	2	706.461	-0.78	Ovary	2L:-:46748413-46748396	exon=> In CDS Exon 2 of transcript AGAP007473-PA

JHU_Ag_63100	IAVYYEGR	AGAP007473-PA	-	55	2.98E-05	1	970.499	0.1	Malpighian tubule	2L:-:46748569-46748546	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_64005	IAVYYEGR	AGAP007473-PA	-	50	9.84E-05	1	970.497	-2.48	Salivary gland	2L:-:46748569-46748546	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_70979	TLQDGLMVEDLK	AGAP007473-PA	M7(Oxidation)	92	9.74E-09	2	1361.698	-0.45	Midgut	2L:-:46748641-46748606	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_77003	MFWGLILKPGK	AGAP007473-PA	-	45	0.000136991	1	1289.746	1.25	Malpighian tubule	2L:-:46749737-46749737,46748309-46749395	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_77699	GSPPVIPPCSTLVFEVELKK	AGAP007473-PA	C9(Carbamidomethyl)	46	0.000155392	1	2197.194	0.09	Ovary	2L:-:46748377-46748318	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_79819	GWDLGVAGMK	AGAP007473-PA	-	75	5.35E-07	1	1033.514	0.66	Midgut	2L:-:46748461-46748432	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_82119	VGNGPEAKPGK	AGAP007473-PA	-	44	0.000367704	1	1053.569	-0.26	Male reproductive organs	2L:-:46748605-46748573	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_82655	VFDSTNKGPGLK	AGAP007473-PA	-	90	1.41E-08	1	1262.677	2.04	Ovary	2L:-:46748527-46748492	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_86825	TLQDGLMVEDLK	AGAP007473-PA	M7(Oxidation)	99	2.41E-09	1	1377.693	0.14	Ovary	2L:-:46748641-46748606	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_93342	GWDLGVAGMK	AGAP007473-PA	M9(Oxidation)	67	4.37E-06	1	1033.514	0.11	Salivary gland	2L:-:46748461-46748432	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_93995	IAVYYEGR	AGAP007473-PA	-	43	0.000472108	1	970.501	1.61	Ovary	2L:-:46748569-46748546	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_94719	LVIPHK	AGAP007473-PA	-	31	0.000311215	2	706.468	9.5	Male reproductive organs	2L:-:46748413-46748396	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_96577	MFWGLILKPGK	AGAP007473-PA	M1(Oxidation)	46	0.000157104	1	1305.745	4.83	Ovary	2L:-:46749737-46749737,46748309-46749395	exon=> In CDS Exon 2 and 1 of transcript AGAP007473-PA
JHU_Ag_98866	TLQDGLMVEDLK	AGAP007473-PA	M7(Oxidation)	83	9.12E-08	1	1361.699	0.62	Salivary gland	2L:-:46748641-46748606	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_101689	GSPPVIPPCSTLVFEVELKK	AGAP007473-PA	C9(Carbamidomethyl)	41	0.000453945	1	2197.198	2.09	Malpighian tubule	2L:-:46748377-46748318	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_102213	GWDLGVAGMK	AGAP007473-PA	M9(Oxidation)	53	9.46E-05	2	1033.515	0.94	Malpighian tubule	2L:-:46748461-46748432	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_103665	TLQDGLMVEDLK	AGAP007473-PA	M7(Oxidation)	80	1.76E-07	2	1377.693	-0.3	Male reproductive organs	2L:-:46748641-46748606	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_106621	GEVVKGWDLGVAGMK	AGAP007473-PA	M14(Oxidation)	100	1.63E-09	1	1545.813	1.98	Malpighian tubule	2L:-:46748476-46748432	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_107871	GSPPVIPPCSTLVFEVELKK	AGAP007473-PA	C9(Carbamidomethyl)	35	0.001546514	1	2197.196	0.84	Male reproductive organs	2L:-:46748377-46748318	exon=> In CDS Exon 2 of transcript AGAP007473-PA
JHU_Ag_75	DINEAFETVTDLR	AGAP007474-PA	-	87	3.06E-08	2	1522.748	6.25	Midgut	2L:-:46762780-46762742	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_199	DVAAALGELINATK	AGAP007474-PA	-	112	8.09E-11	2	1385.771	5.05	Head	2L:-:46760075-46760034	exon=> In CDS Exon 7 of transcript AGAP007474-PA
JHU_Ag_798	AREEIVNSLR	AGAP007474-PA	-	57	2.75E-05	1	1186.654	-0.05	Male reproductive organs	2L:-:46762516-46762487	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_925	VETHSIAKPAIMR	AGAP007474-PA	M12(Oxidation)	45	0.000323717	1	1468.793	-0.88	Male reproductive organs	2L:-:46765907-46765869	exon=> In CDS Exon 3 of transcript AGAP007474-PA
JHU_Ag_1886	HVEFGHSVNSVSESIR	AGAP007474-PA	-	92	1.02E-08	1	1783.872	-0.21	Head	2L:-:46762150-46762103	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_2173	AVAHLAEVCNEATDNQQLR	AGAP007474-PA	C9(Carbamidomethyl)	118	2.69E-11	1	2139.026	0.4	Male reproductive organs	2L:-:46764142-46764086	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_2586	VLALTPTDPPVWQQLATHSR	AGAP007474-PA	-	67	1.47E-06	1	2230.199	0.6	Male reproductive organs	2L:-:46761550-46761491	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_2629	SIAAVTEDEATR	AGAP007474-PA	-	81	1.68E-07	2	1262.623	0.4	Male reproductive organs	2L:-:46764383-46764348	exon=> In CDS Exon 5 of transcript AGAP007474-PA

JHU_Ag_2660	DHFGIEGDEGSTMVEESVAPSK	AGAP007474-PA	M13(Oxidation)	37	0.001462958	1	2337.020	0.31	Male reproductive organs	2L:-:46766312-46766751,46765859-46765950	exon=> In CDS Exon 3 and 2 of transcript AGAP007474-PA
JHU_Ag_2965	DLLEGILSHCTADER	AGAP007474-PA	C10(Carbamidomethyl)	46	0.000371357	2	1728.829	4.02	Head	2L:-:46756238-46756194	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_3135	AAHFHPELDEAVESTR	AGAP007474-PA	-	60	1.58E-05	1	1808.860	2	Malpighian tubule	2L:-:46761043-46760996	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_3140	AANAAQRELIDQGK	AGAP007474-PA	-	33	0.006226012	1	1484.785	2.3	Malpighian tubule	2L:-:46755182-46755141	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_3365	LAGTSQEFCHAYK	AGAP007474-PA	C9(Carbamidomethyl)	94	4.60E-09	1	1511.697	1.51	Male reproductive organs	2L:-:46762606-46762568	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_3742	YVAGDPDRPNAK	AGAP007474-PA	-	39	0.00248703	1	1302.647	2.42	Malpighian tubule	2L:-:46762444-46762409	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_5261	ALLGYISAGQDALNR	AGAP007474-PA	-	106	3.03E-10	2	1561.833	-0.5	Midgut	2L:-:46764959-46764915	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_6414	NAESLGHAVNQIAK	AGAP007474-PA	-	117	2.60E-11	1	1451.764	2.35	Head	2L:-:46761238-46761197	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_7011	SSVNLTHAIHDLR	AGAP007474-PA	-	48	0.000181269	2	1462.776	-0.32	Male reproductive organs	2L:-:46763314-46763276	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_7027	VAQVLAALQAGSR	AGAP007474-PA	-	75	1.65E-07	1	1283.745	1.81	Pupa	2L:-:46760521-46760483	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_7361	TLQNLDNQEALLIAIK	AGAP007474-PA	-	57	6.50E-06	2	1797.015	1.93	Head	2L:-:46762879-46762832	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_7528	RPLTSSDDGQWSEGLISAAR	AGAP007474-PA	-	41	0.001207446	1	2146.053	0.1	Ovary	2L:-:46755131-46755072	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_8206	AAHFHPELDEAVESTR	AGAP007474-PA	-	49	0.000173417	2	1808.865	4.84	Head	2L:-:46761043-46760996	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_8451	FAEAVQGQAQEFGLFLADDDTR	AGAP007474-PA	-	54	5.78E-05	2	2428.159	7.23	Head	2L:-:46767539-46767474	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_9114	QAASSATQCITAAQNSLIHSNDVQTK	AGAP007474-PA	C9(Carbamidomethyl)	73	8.02E-07	1	2744.323	-1.41	Visceras	2L:-:46763611-46763534	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_9397	SVAWSCAETQDLR	AGAP007474-PA	C6(Carbamidomethyl)	53	5.46E-05	2	1522.694	-0.92	Ovary	2L:-:46756322-46756284	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_9568	LVDVCTQAAPGQK	AGAP007474-PA	C5(Carbamidomethyl)	62	9.11E-06	1	1386.705	0.35	Male reproductive organs	2L:-:46762360-46762322	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_10424	GEAESQHDSNMQR	AGAP007474-PA	M11(Oxidation)	38	0.000406674	1	1504.610	1.32	Head	2L:-:46763857-46763819	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_10870	ELPTYGVTFFLVK	AGAP007474-PA	-	46	0.00022601	2	1513.832	1.43	Midgut	2L:-:46766621-46766583	exon=> In CDS Exon 2 of transcript AGAP007474-PA
JHU_Ag_11257	ALLGYISAGQDALNR	AGAP007474-PA	-	106	2.64E-10	1	1561.835	0.9	Male reproductive organs	2L:-:46764959-46764915	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_11502	SPSALVSPSMLNR	AGAP007474-PA	M10(Oxidation)	39	0.002434732	1	1374.706	1.24	Male reproductive organs	2L:-:46754387-46754349	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_11673	VITTSTANTPAIKR	AGAP007474-PA	-	101	4.18E-10	1	1472.843	-0.24	Male reproductive organs	2L:-:46763686-46763645	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_12659	VITTSTANTPAIK	AGAP007474-PA	-	80	8.44E-08	1	1316.742	-0.24	Head	2L:-:46763686-46763648	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_12780	LRTDDEINWVDVGK	AGAP007474-PA	-	73	7.31E-07	1	1659.834	0.04	Male reproductive organs	2L:-:46767128-46767087	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_12975	VITTSTANTPAIKR	AGAP007474-PA	-	74	1.69E-07	1	1472.848	3.57	Malpighian tubule	2L:-:46763686-46763645	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_13150	SVNVLIQSTTGIR	AGAP007474-PA	-	43	0.000314289	2	1387.790	-0.06	Head	2L:-:46760620-46760582	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_13909	KAQEPILTAGR	AGAP007474-PA	-	57	1.05E-05	2	1183.680	0.69	Male reproductive organs	2L:-:46761625-46761593	exon=> In CDS Exon 6 of transcript AGAP007474-PA

JHU_Ag_14152	VGEASGQVLSTIGEESVESRELHDMLLGLAK	AGAP007474-PA	M25(Oxidation)	116	1.87E-11	1	3270.659	2.05	Malpighian tubule	2L:-:46764518-46764426	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_14369	DTALALGDYTK	AGAP007474-PA	-	55	4.56E-05	2	1167.589	0.14	Male reproductive organs	2L:-:46763014-46762982	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_15104	TLQNLDNQEALLIAIK	AGAP007474-PA	-	25	0.013037722	1	1797.011	-0.31	Midgut	2L:-:46762879-46762832	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_15334	LRTDDEINWVDVGK	AGAP007474-PA	-	53	8.34E-05	2	1659.838	2.74	Ovary	2L:-:46767128-46767087	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_15819	GVSNQSISLLGTAR	AGAP007474-PA	-	48	0.000169584	2	1402.770	3.57	Visceras	2L:-:46762486-46762445	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_16330	RPLTSSDDGQWSEGLISAAR	AGAP007474-PA	-	92	8.80E-09	1	2146.053	0.35	Male reproductive organs	2L:-:46755131-46755072	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_17518	DSNLQGFTNQSLNAASELIDR	AGAP007474-PA	-	56	3.54E-05	2	2293.108	1.24	Head	2L:-:46761331-46761269	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_17939	ELNSAALAVGVDGLPQR	AGAP007474-PA	-	91	7.48E-09	2	1709.920	1.05	Male reproductive organs	2L:-:46761385-46761335	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_18687	NAESLGHAVNQIAK	AGAP007474-PA	-	76	3.28E-07	2	1451.760	-0.17	Male reproductive organs	2L:-:46761238-46761197	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_19286	KNAESLGHAVNQIAK	AGAP007474-PA	-	71	6.49E-07	1	1579.854	-0.55	Male reproductive organs	2L:-:46761241-46761197	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_19668	YVAGDPDRPNAK	AGAP007474-PA	-	72	1.08E-06	1	1302.646	1.57	Head	2L:-:46762444-46762409	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_20287	VGEASGQVLSTIGEESVESR	AGAP007474-PA	-	89	1.79E-08	2	2034.002	1.76	Visceras	2L:-:46764518-46764459	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_20614	GVSNQSISLLGTAR	AGAP007474-PA	-	93	5.58E-09	2	1402.765	0.09	Midgut	2L:-:46762486-46762445	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_20783	AAHFHPELDEAVESTR	AGAP007474-PA	-	70	1.48E-06	1	1808.864	4.23	Ovary	2L:-:46761043-46760996	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_20959	VIGAASQCALATSQLVACAR	AGAP007474-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	75	4.55E-07	2	2047.040	-1.37	Male reproductive organs	2L:-:46764341-46765004,46760233-46764215	exon=> In CDS Exon 6 and 5 of transcript AGAP007474-PA
JHU_Ag_22544	NPAVVDCADEVIVDSLR	AGAP007474-PA	C7(Carbamidomethyl)	109	1.88E-10	1	1871.919	0.88	Male reproductive organs	2L:-:46762951-46762901	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_23864	GVSNQSISLLGTAR	AGAP007474-PA	-	47	0.000238049	2	1402.765	-0.25	Salivary gland	2L:-:46762486-46762445	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_24107	GVSNQSISLLGTAR	AGAP007474-PA	-	98	1.89E-09	2	1402.768	2.09	Head	2L:-:46762486-46762445	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_24848	VMVMNVTSLLK	AGAP007474-PA	M2(Oxidation), M4(Oxidation)	57	2.13E-05	1	1266.680	0.14	Male reproductive organs	2L:-:46756640-46756608	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_25165	SVAWSCAETQDLR	AGAP007474-PA	C6(Carbamidomethyl)	78	1.88E-07	2	1522.695	-0.28	Male reproductive organs	2L:-:46756322-46756284	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_26156	AAHFHPELDEAVESTR	AGAP007474-PA	-	47	0.00028914	1	1808.864	4.37	Midgut	2L:-:46761043-46760996	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_26804	HVGLSDLDAK	AGAP007474-PA	-	68	1.51E-06	2	1054.550	-2.33	Head	2L:-:46766675-46766646	exon=> In CDS Exon 2 of transcript AGAP007474-PA
JHU_Ag_26850	QNLLNAATR	AGAP007474-PA	-	43	0.000701357	2	1000.555	1.09	Ovary	2L:-:46764545-46764519	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_28051	EILLQDCQAVADQIPR	AGAP007474-PA	Q5(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	120	1.18E-11	1	1868.959	2.92	Head	2L:-:46763533-46763486	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_28731	AAQEGSLRPLPGETADSCFK	AGAP007474-PA	C18(Carbamidomethyl)	80	1.76E-07	1	2134.027	1.58	Ovary	2L:-:46763173-46763114	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_28804	AVANTTAALVLK	AGAP007474-PA	-	69	4.74E-07	2	1171.705	-0.04	Male reproductive organs	2L:-:46764425-46764390	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_29325	TLGEGMTGIANNAK	AGAP007474-PA	M6(Oxidation)	71	1.27E-06	2	1392.679	0.21	Male reproductive organs	2L:-:46762201-46762160	exon=> In CDS Exon 6 of transcript AGAP007474-PA

JHU_Ag_29577	AVANTTAALVLK	AGAP007474-PA	-	78	6.45E-08	2	1171.711	5.17	Malpighian tubule	2L:-:46764425-46764390	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_30587	IGITNHEEYGLVR	AGAP007474-PA	-	81	1.34E-07	1	1500.780	-0.25	Male reproductive organs	2L:-:46767290-46767252	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_31508	VVGPTIQSPACR	AGAP007474-PA	C11(Carbamidomethyl)	69	1.69E-06	1	1284.673	0.06	Head	2L:-:46764214-46764179	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_31676	AREACGGNELDAALEAVR	AGAP007474-PA	C5(Carbamidomethyl)	50	0.000162 97	3	1901.918	2.33	Malpighian tubule	2L:-:46763260-46763207	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_31682	HVTAATAK	AGAP007474-PA	-	30	0.004594 617	1	798.445	-2.64	Head	2L:-:46756442-46756419	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_32261	AMEATVDAISQELR	AGAP007474-PA	M2(Oxidation)	76	4.28E-07	2	1549.761	5.59	Malpighian tubule	2L:-:46756565-46756524	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_32535	EACGGNELDAALEAVR	AGAP007474-PA	C3(Carbamidomethyl)	36	0.003363 453	2	1674.780	2.72	Head	2L:-:46763254-46763207	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_32681	SIMAASSSLVR	AGAP007474-PA	-	66	3.83E-06	2	1121.597	-1.37	Head	2L:-:46755215-46755183	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_33448	LVQAAQQAIEGEEEHTLR	AGAP007474-PA	-	95	4.27E-09	1	2022.027	0.86	Male reproductive organs	2L:-:46754858-46754805	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_33523	EADENLNFDEMILEAAK	AGAP007474-PA	M11(Oxidation)	59	1.48E-05	2	1967.892	0.71	Male reproductive organs	2L:-:46755266-46755216	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_34084	GQASSQPQVLSAATVIAK	AGAP007474-PA	-	67	1.63E-06	2	1755.959	-0.56	Visceras	2L:-:46761958-46761905	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_34235	VGEASGQVLSTIGEESVESR	AGAP007474-PA	-	105	5.30E-10	2	2033.998	-0.1	Midgut	2L:-:46764518-46764459	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_35261	GQASSQPQVLSAATVIAK	AGAP007474-PA	-	54	3.35E-05	2	1755.961	0.62	Ovary	2L:-:46761958-46761905	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_35758	HVEFGHSVNSVSESIR	AGAP007474-PA	-	81	1.37E-07	1	1783.874	1.01	Male reproductive organs	2L:-:46762150-46762103	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_35818	SVVECCAQLVQTAK	AGAP007474-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	80	1.68E-07	2	1592.785	4.82	Malpighian tubule	2L:-:46761106-46761065	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_36117	ALDQDYSPASR	AGAP007474-PA	-	47	0.000244 29	2	1222.573	2.37	Malpighian tubule	2L:-:46761772-46761740	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_36382	SVVECCAQLVQTAK	AGAP007474-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	92	1.16E-08	1	1592.777	-0.08	Male reproductive organs	2L:-:46761106-46761065	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_36421	SLTDLLEHIK	AGAP007474-PA	-	41	0.000413 226	2	1168.659	1.68	Head	2L:-:46764049-46764020	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_36988	NMVDGMAQEINAR	AGAP007474-PA	M2(Oxidation), M6(Oxidation)	61	5.77E-06	2	1480.651	-0.47	Male reproductive organs	2L:-:46754795-46754757	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_37575	ATFLQHEETNK	AGAP007474-PA	-	90	1.63E-08	1	1317.638	-4.39	Head	2L:-:46765949-46765917	exon=> In CDS Exon 3 of transcript AGAP007474-PA
JHU_Ag_37756	KNAESLGHAVNQIAK	AGAP007474-PA	-	52	5.37E-05	1	1579.862	4.2	Malpighian tubule	2L:-:46761241-46761197	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_38021	NPAVVDCADEVIVDSLR	AGAP007474-PA	C7(Carbamidomethyl)	60	1.78E-05	2	1871.922	2.51	Ovary	2L:-:46762951-46762901	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_38176	EACGGNELDAALEAVR	AGAP007474-PA	C3(Carbamidomethyl)	101	1.03E-09	2	1674.779	2.43	Ovary	2L:-:46763254-46763207	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_38437	DAILDGTHPVTQDK	AGAP007474-PA	-	89	1.95E-08	1	1509.762	4.86	Midgut	2L:-:46766960-46766919	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_39264	DDSSGLVEISR	AGAP007474-PA	-	70	1.47E-06	2	1177.567	-2.03	Male reproductive organs	2L:-:46760578-46760546	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_39596	GVSNQSISLLGTAR	AGAP007474-PA	-	61	8.94E-06	2	1402.771	4.62	Malpighian tubule	2L:-:46762486-46762445	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_39899	ATFLQHEETNK	AGAP007474-PA	-	77	3.36E-07	1	1317.643	-0.03	Male reproductive organs	2L:-:46765949-46765917	exon=> In CDS Exon 3 of transcript AGAP007474-PA
JHU_Ag_40033	AMEATVDAISQELR	AGAP007474-PA	M2(Oxidation)	109	2.07E-10	2	1549.752	-0.24	Male reproductive organs	2L:-:46756565-46756524	exon=> In CDS Exon 8 of transcript AGAP007474-PA

JHU_Ag_40147	LANLRPR	AGAP007474-PA	-	39	0.000219804	2	839.520	-1.16	Head	2L:-:46756034-46756014	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_40830	QNLLNAATR	AGAP007474-PA	-	46	0.000368537	2	1000.556	2.13	Malpighian tubule	2L:-:46764545-46764519	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_40931	GVSNQSISLLGTAR	AGAP007474-PA	-	52	6.50E-05	2	1402.766	0.88	Ovary	2L:-:46762486-46762445	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_41353	KDDSSGLVEISR	AGAP007474-PA	-	88	3.25E-08	2	1305.666	0.78	Male reproductive organs	2L:-:46760581-46760546	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_41980	EAIQELNATVER	AGAP007474-PA	-	57	2.88E-05	1	1372.706	-0.21	Male reproductive organs	2L:-:46760995-46760960	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_42049	VAQVLAALQAGSR	AGAP007474-PA	-	85	1.74E-08	2	1283.743	0.01	Male reproductive organs	2L:-:46760521-46760483	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_42932	ALLGYISAGQDALNR	AGAP007474-PA	-	127	2.39E-12	1	1561.836	2	Pupa	2L:-:46764959-46764915	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_43069	VGEASGQVLSTIGEESVESR	AGAP007474-PA	-	134	5.63E-13	2	2034.001	1.28	Head	2L:-:46764518-46764459	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_43197	DTALALGDYTK	AGAP007474-PA	-	63	7.99E-06	2	1167.590	0.35	Head	2L:-:46763014-46762982	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_43740	EAIQELNATVER	AGAP007474-PA	-	59	2.00E-05	2	1372.707	0.15	Ovary	2L:-:46760995-46760960	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_43786	ALLGYISAGQDALNR	AGAP007474-PA	-	95	3.39E-09	1	1561.843	6.38	Malpighian tubule	2L:-:46764959-46764915	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_44227	DINEAFETVTDLR	AGAP007474-PA	-	111	1.15E-10	2	1522.739	0.56	Male reproductive organs	2L:-:46762780-46762742	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_45362	VGEASGQVLSTIGEESVESR	AGAP007474-PA	-	115	5.51E-11	2	2033.997	-0.76	Male reproductive organs	2L:-:46764518-46764459	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_46620	DAILDGTHPVTQDK	AGAP007474-PA	-	72	8.61E-07	2	1509.758	2.35	Malpighian tubule	2L:-:46766960-46766919	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_46673	DVAAALGELINATK	AGAP007474-PA	-	121	9.55E-12	2	1385.765	0.74	Ovary	2L:-:46760075-46760034	exon=> In CDS Exon 7 of transcript AGAP007474-PA
JHU_Ag_46744	SILDTGEYPPSDRPYGQLQNELK	AGAP007474-PA	-	73	8.11E-07	1	2620.290	0.21	Male reproductive organs	2L:-:46762741-46762673	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_47122	SMQFAPEMMR	AGAP007474-PA	M2(Oxidation), M8(Oxidation), M9(Oxidation)	41	0.000182 88	2	1275.513	-2.55	Male reproductive organs	2L:-:46756523-46756494	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_47269	VITTSTANTPAIK	AGAP007474-PA	-	88	1.27E-08	1	1316.741	-0.98	Male reproductive organs	2L:-:46763686-46763648	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_48382	SILDTGEYPPSDRPYGQLQNELK	AGAP007474-PA	-	50	0.000144317	1	2620.292	1.05	Ovary	2L:-:46762741-46762673	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_49030	DHFGIEGDEGSTMVEESVAPSK	AGAP007474-PA	M13(Oxidation)	44	0.000306307	3	2337.027	3.45	Head	2L:-:46766312-46766751,46765859-46765950	exon=> In CDS Exon 3 and 2 of transcript AGAP007474-PA
JHU_Ag_49761	EILLQDCQAVADQIPR	AGAP007474-PA	C7(Carbamidomethyl)	109	1.51E-10	1	1868.956	1.16	Male reproductive organs	2L:-:46763533-46763486	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_52024	SILDTGEYPPSDRPYGQLQNELK	AGAP007474-PA	-	77	3.03E-07	1	2620.293	1.47	Head	2L:-:46762741-46762673	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_52841	VQLPPLGTDPGSLQWREETLDTSK	AGAP007474-PA	-	44	0.000456302	1	2667.368	2.04	Male reproductive organs	2L:-:46764890-46764819	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_52950	SSMQQLSRPEDLISVTK	AGAP007474-PA	M3(Oxidation)	82	9.25E-08	1	1934.985	-0.15	Male reproductive organs	2L:-:46756493-46756443	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_53919	YVAGDPDRPNAK	AGAP007474-PA	-	54	6.38E-05	1	1302.645	0.64	Male reproductive organs	2L:-:46762444-46762409	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_54707	TQFDAAVQDLQNK	AGAP007474-PA	-	98	2.54E-09	2	1477.730	1.39	Male reproductive organs	2L:-:46754291-46754253	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_55547	SAADQLNVAGGQVAQSYDSSIK	AGAP007474-PA	-	70	1.37E-06	1	2209.077	1.91	Ovary	2L:-:46762672-46762607	exon=> In CDS Exon 6 of transcript AGAP007474-PA

JHU_Ag_56667	DPVQLNLLYVQAR	AGAP007474-PA	-	85	2.22E-08	2	1528.850	1.15	Male reproductive organs	2L:-:46766999-46766961	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_56948	VAQVLAALQAGSR	AGAP007474-PA	-	69	6.34E-07	2	1283.743	0.01	Head	2L:-:46760521-46760483	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_57725	LVTESINR	AGAP007474-PA	-	57	3.42E-05	2	931.520	-0.81	Male reproductive organs	2L:-:46762384-46762361	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_58009	EQGIDEQETVLLR	AGAP007474-PA	-	77	3.02E-07	2	1529.784	1.94	Head	2L:-:46767077-46767039	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_58208	ISSVLSEPQR	AGAP007474-PA	-	52	7.80E-05	1	1115.606	-0.04	Male reproductive organs	2L:-:46764989-46764960	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_58381	ELQPTVMDQAAGQQLGR	AGAP007474-PA	M7(Oxidation)	89	2.25E-08	1	1857.914	0.9	Head	2L:-:46763365-46763315	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_58502	VMVMNVTSLLK	AGAP007474-PA	-	45	0.000296824	2	1234.694	3.18	Ovary	2L:-:46756640-46756608	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_59113	TIQFDPSTTVFDACR	AGAP007474-PA	C14(Carbamidomethyl)	93	6.71E-09	2	1757.818	1.01	Male reproductive organs	2L:-:46767599-46767555	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_59152	ATAQLIQSIKGEAESQHDSNMQR	AGAP007474-PA	M21(Oxidation)	45	0.000483433	1	2558.242	6.25	Malpighian tubule	2L:-:46763887-46763819	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_60079	AVAAGASNLQADIAAAANLGR	AGAP007474-PA	-	40	0.001054936	1	1925.029	4.64	Malpighian tubule	2L:-:46756418-46756356	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_60207	EQGIDEQETVLLR	AGAP007474-PA	-	70	0.00000152	2	1529.786	3.69	Ovary	2L:-:46767077-46767039	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_60381	VVGPTIQSPACR	AGAP007474-PA	C11(Carbamidomethyl)	53	5.93E-05	1	1284.673	-0.32	Ovary	2L:-:46764214-46764179	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_60705	TDDEINWVDVGK	AGAP007474-PA	-	77	2.49E-07	2	1390.650	0.9	Male reproductive organs	2L:-:46767122-46767087	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_60899	IGITNHEEYGLVREDPEAQNENQPDNR	AGAP007474-PA	-	62	8.22E-06	1	3137.455	0.95	Male reproductive organs	2L:-:46767290-46767210	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_61280	ATAQLIQSIKGEAESQHDSNMQR	AGAP007474-PA	M21(Oxidation)	65	4.43E-06	1	2558.229	1.05	Male reproductive organs	2L:-:46763887-46763819	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_61323	AVEDEHTR	AGAP007474-PA	-	36	0.002020781	1	956.441	-2.51	Head	2L:-:46756598-46756575	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_61354	LDETTKEILK	AGAP007474-PA	-	45	0.000250334	2	1189.668	0.02	Male reproductive organs	2L:-:46766513-46766484	exon=> In CDS Exon 2 of transcript AGAP007474-PA
JHU_Ag_61930	SIAAVTEDEATR	AGAP007474-PA	-	45	0.000620754	2	1262.620	-2.02	Head	2L:-:46764383-46764348	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_62728	SSVNLTHAIHDLR	AGAP007474-PA	-	74	4.11E-07	1	1462.783	4.35	Ovary	2L:-:46763314-46763276	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_63449	ALLGYISAGQDALNR	AGAP007474-PA	-	113	6.04E-11	1	1561.841	4.81	Ovary	2L:-:46764959-46764915	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_63459	LSTENGVVTGLMEQISR	AGAP007474-PA	N5(Deamidated), M12(Oxidation),M12(Oxidation)	94	5.97E-09	2	1849.935	1.34	Male reproductive organs	2L:-:46760959-46760909	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_63521	AAQEGSLRPLPGETADSCFK	AGAP007474-PA	C18(Carbamidomethyl)	111	1.26E-10	1	2134.025	0.64	Head	2L:-:46763173-46763114	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_64443	EACGGNELDAALEAVR	AGAP007474-PA	C3(Carbamidomethyl)	104	5.21E-10	2	1674.779	2.14	Male reproductive organs	2L:-:46763254-46763207	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_64648	LASGKPINDPAMNDLKDSAK	AGAP007474-PA	M12(Oxidation)	57	3.26E-05	1	2101.061	0.48	Male reproductive organs	2L:-:46760033-46759974	exon=> In CDS Exon 7 of transcript AGAP007474-PA
JHU_Ag_65647	IGITNHEEYGLVREDPEAQNENQPDNR	AGAP007474-PA	-	49	0.000182211	1	3137.461	2.84	Ovary	2L:-:46767290-46767210	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_65857	AVANTTAALVLK	AGAP007474-PA	-	36	0.001036227	2	1171.705	0.17	Ovary	2L:-:46764425-46764390	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_66954	EIKALDQDYSPASR	AGAP007474-PA	-	73	8.33E-07	1	1592.798	3.84	Malpighian tubule	2L:-:46761781-46761740	exon=> In CDS Exon 6 of transcript AGAP007474-PA

JHU_Ag_67634	SLTDLLEHIK	AGAP007474-PA	-	52	3.24E-05	1	1168.658	0.32	Ovary	2L:-:46764049-46764020	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_68229	TLQNLDNQEALLIAIKR	AGAP007474-PA	-	49	2.33E-05	1	1953.123	5.12	Malpighian tubule	2L:-:46762879-46762829	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_69397	NTVQDLGR	AGAP007474-PA	-	41	0.001441628	1	902.468	-0.7	Male reproductive organs	2L:-:46760644-46760621	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_69751	DAILDGTHPVTQDK	AGAP007474-PA	-	62	1.00E-05	1	1509.757	1.38	Male reproductive organs	2L:-:46766960-46766919	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_69856	ILVAGAAGTQDQLAAAAQNAVTTILQLADAVK	AGAP007474-PA	-	42	0.000170036	3	3106.704	-2.21	Midgut	2L:-:46760305-46764273,46759974-46760142	exon=> In CDS Exon 7 and 6 of transcript AGAP007474-PA
JHU_Ag_70137	STDKLVQAAQQAIEGEEEHTLR	AGAP007474-PA	-	83	6.67E-08	1	2453.226	-0.17	Male reproductive organs	2L:-:46754870-46754805	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_72544	GQASSQPQVLSAATVIAK	AGAP007474-PA	-	74	3.33E-07	2	1755.963	1.8	Head	2L:-:46761958-46761905	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_73104	SLTDLLEHIK	AGAP007474-PA	-	48	9.94E-05	2	1168.658	0.32	Visceras	2L:-:46764049-46764020	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_73162	AVANTTAALVLK	AGAP007474-PA	-	49	5.59E-05	2	1171.705	0.38	Pupa	2L:-:46764425-46764390	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_73555	DINEAFETVTDLR	AGAP007474-PA	-	89	2.32E-08	2	1522.743	3.21	Head	2L:-:46762780-46762742	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_74144	EAIQELNATVER	AGAP007474-PA	-	42	0.000979438	2	1372.707	0.15	Midgut	2L:-:46760995-46760960	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_74228	EFLPASYVR	AGAP007474-PA	-	59	1.46E-05	2	1081.567	-0.26	Male reproductive organs	2L:-:46766744-46766718	exon=> In CDS Exon 2 of transcript AGAP007474-PA
JHU_Ag_75151	AAQEGSLRPLPGETADSCFK	AGAP007474-PA	C18(Carbamidomethyl)	103	9.11E-10	1	2134.027	1.58	Midgut	2L:-:46763173-46763114	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_78304	TIQFDPSTTVFDACR	AGAP007474-PA	C14(Carbamidomethyl)	49	0.000159376	2	1757.822	3.23	Ovary	2L:-:46767599-46767555	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_79389	LAGTSQEFCHAYK	AGAP007474-PA	C9(Carbamidomethyl)	77	2.59E-07	1	1511.697	1.51	Head	2L:-:46762606-46762568	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_79790	DVAAALGELINATK	AGAP007474-PA	-	77	2.74E-07	2	1385.769	4.17	Salivary gland	2L:-:46760075-46760034	exon=> In CDS Exon 7 of transcript AGAP007474-PA
JHU_Ag_80153	DPVQLNLLYVQAR	AGAP007474-PA	-	110	7.52E-11	1	1528.849	0.51	Head	2L:-:46766999-46766961	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_80161	DAILDGTHPVTQDK	AGAP007474-PA	-	62	1.05E-05	2	1509.757	1.87	Head	2L:-:46766960-46766919	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_80726	AREEIVNSLR	AGAP007474-PA	-	59	1.85E-05	1	1186.652	-1.91	Head	2L:-:46762516-46762487	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_81044	SLTDLLEHIK	AGAP007474-PA	-	41	0.000543663	1	1168.655	-1.72	Midgut	2L:-:46764049-46764020	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_81369	DDSSGLVEISR	AGAP007474-PA	-	59	2.13E-05	2	1177.568	-1.52	Malpighian tubule	2L:-:46760578-46760546	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_82846	SIAAVTEDEATR	AGAP007474-PA	-	47	0.000392956	2	1262.622	-0.38	Ovary	2L:-:46764383-46764348	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_85086	SAADQLNVAGGQVAQSYDSSIK	AGAP007474-PA	-	99	2.01E-09	2	2209.073	-0.08	Male reproductive organs	2L:-:46762672-46762607	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_86124	AAHFHPELDEAVESTR	AGAP007474-PA	-	47	0.000276423	1	1808.856	-0.15	Male reproductive organs	2L:-:46761043-46760996	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_86471	YVAGDPDRPNAKNELSSAAR	AGAP007474-PA	-	74	6.72E-07	1	2131.059	3.12	Malpighian tubule	2L:-:46762444-46762385	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_87073	DTALALGDYTK	AGAP007474-PA	-	50	0.000168279	2	1167.589	-0.38	Ovary	2L:-:46763014-46762982	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_88692	TLDAGSAVAIAYR	AGAP007474-PA	-	63	6.21E-06	2	1307.694	-1.38	Head	2L:-:46756277-46756239	exon=> In CDS Exon 8 of transcript AGAP007474-PA

JHU_Ag_89071	DTALALGDYTK	AGAP007474-PA	-	42	0.001049 3	2	1167.590	0.97	Midgut	2L:-:46763014-46762982	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_89117	LGQHSPASPSFQRPGSGNQLLTANAV PKPYQSDALK	AGAP007474-PA	-	81	4.80E-08	1	3761.941	1.44	Male reproductive organs	2L:-:46754495-46754388	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_90065	TLDAGSAVAIAYR	AGAP007474-PA	-	103	5.77E-10	1	1307.695	-0.07	Male reproductive organs	2L:-:46756277-46756239	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_90145	SAADQLNVAGGQVAQSYDSSIK	AGAP007474-PA	-	104	5.69E-10	2	2209.074	0.47	Midgut	2L:-:46762672-46762607	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_91738	DINEAFETVTDLR	AGAP007474-PA	-	72	1.08E-06	2	1522.741	1.36	Ovary	2L:-:46762780-46762742	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_91821	TLGEGMTGIANNAK	AGAP007474-PA	M6(Oxidation)	70	1.66E-06	2	1392.683	2.92	Malpighian tubule	2L:-:46762201-46762160	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_91854	TQFDAAVQDLQNKVQPLSTFR	AGAP007474-PA	-	55	2.97E-05	1	2406.252	4.34	Malpighian tubule	2L:-:46754291-46754229	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_91929	NPAVVDCADEVIVDSLR	AGAP007474-PA	C7(Carbamidomethyl)	138	2.79E-13	1	1871.921	2.32	Head	2L:-:46762951-46762901	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_93738	SAADQLNVAGGQVAQSYDSSIK	AGAP007474-PA	-	143	8.19E-14	1	2209.075	1.03	Head	2L:-:46762672-46762607	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_94378	SILDTGEYPPSDRPYGQLQNELK	AGAP007474-PA	-	46	0.000376 523	1	2620.295	2.24	Malpighian tubule	2L:-:46762741-46762673	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_96538	GVSNQSISLLGTAR	AGAP007474-PA	-	90	1.19E-08	2	1402.767	1.14	Male reproductive organs	2L:-:46762486-46762445	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_96808	QVASSTAQLLIACK	AGAP007474-PA	C13(Carbamidomethyl)	61	9.10E-06	2	1489.807	1.98	Male reproductive organs	2L:-:46754978-46754937	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_98160	DLLEGILSHCTADER	AGAP007474-PA	C10(Carbamidomethyl)	69	1.94E-06	2	1728.821	-0.64	Male reproductive organs	2L:-:46756238-46756194	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_98443	GILDGAVDMVR	AGAP007474-PA	M9(Oxidation)	70	1.73E-06	2	1161.594	0.83	Male reproductive organs	2L:-:46761592-46761560	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_98684	LVAAATHSLVEAAQNLVQGVGTEEML ISSAK	AGAP007474-PA	M25(Oxidation)	33	0.002575 178	1	3153.668	6.8	Ovary	2L:-:46755071-46754979	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_99340	TIQFDPSTTVFDACR	AGAP007474-PA	C14(Carbamidomethyl)	77	2.67E-07	2	1757.823	3.86	Malpighian tubule	2L:-:46767599-46767555	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_100252	SLTDLLEHIKLSAR	AGAP007474-PA	-	43	0.000166 864	1	1595.917	3.63	Malpighian tubule	2L:-:46764049-46764008	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_100776	RPLTSSDDGQWSEGLISAAR	AGAP007474-PA	-	79	1.80E-07	1	2146.053	0.35	Pupa	2L:-:46755131-46755072	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_101360	EADENLNFDEMILEAAK	AGAP007474-PA	-	84	5.39E-08	2	1951.900	2.17	Head	2L:-:46755266-46755216	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_101779	ALDQDYSPASR	AGAP007474-PA	-	69	1.35E-06	1	1222.568	-1.42	Male reproductive organs	2L:-:46761772-46761740	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_102113	EVANSTAALVR	AGAP007474-PA	-	68	2.21E-06	2	1130.617	0.46	Male reproductive organs	2L:-:46761814-46761782	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_102852	IGITNHEEYGLVREDPEAQNENQPDN R	AGAP007474-PA	-	42	0.000767 23	1	3137.461	2.74	Malpighian tubule	2L:-:46767290-46767210	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_102858	DVAAALGELINATK	AGAP007474-PA	-	117	2.06E-11	2	1385.765	0.91	Male reproductive organs	2L:-:46760075-46760034	exon=> In CDS Exon 7 of transcript AGAP007474-PA
JHU_Ag_103075	VQLPPLGTDPGSLQWR	AGAP007474-PA	-	43	0.000473 151	1	1763.946	1.34	Male reproductive organs	2L:-:46764890-46764843	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_103461	LVDVCTQAAPGQKECDGAIR	AGAP007474-PA	C5(Carbamidomethyl), C15(Carbamidomethyl)	51	0.000112 101	1	2188.055	2.92	Malpighian tubule	2L:-:46762360-46762301	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_103851	KAQEPILTAGR	AGAP007474-PA	-	52	3.30E-05	1	1183.682	2.23	Malpighian tubule	2L:-:46761625-46761593	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_103901	GQASSQPQVLSAATVIAK	AGAP007474-PA	-	83	4.42E-08	2	1755.961	0.83	Male reproductive organs	2L:-:46761958-46761905	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_103904	LVQAAQQAIEGEEEHTLR	AGAP007474-PA	-	48	0.000201 379	1	2022.029	2.04	Head	2L:-:46754858-46754805	exon=> In CDS Exon 9 of transcript AGAP007474-PA

JHU_Ag_104532	EQGIDEQETVLLR	AGAP007474-PA	-	97	3.26E-09	2	1529.781	0.42	Male reproductive organs	2L:-:46767077-46767039	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_105037	LCNAFSDLLR	AGAP007474-PA	C2(Carbamidomethyl)	52	9.34E-05	1	1208.610	0.53	Male reproductive organs	2L:-:46764605-46764576	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_105129	RPLTSSDDGQWSEGLISAAR	AGAP007474-PA	-	77	2.58E-07	1	2146.058	2.74	Malpighian tubule	2L:-:46755131-46755072	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_105399	VGEASGQVLSTIGEESVESR	AGAP007474-PA	-	124	6.60E-12	2	2034.001	1.04	Ovary	2L:-:46764518-46764459	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_106073	LVQAAQQAIEGEEEHTLR	AGAP007474-PA	-	51	0.000109114	1	2022.029	1.77	Ovary	2L:-:46754858-46754805	exon=> In CDS Exon 9 of transcript AGAP007474-PA
JHU_Ag_106413	VLALTPTDPPVWQQLATHSR	AGAP007474-PA	-	51	5.30E-05	1	2230.210	5.61	Malpighian tubule	2L:-:46761550-46761491	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_106481	QSFLGASLNDTYVDYQTR	AGAP007474-PA	-	51	0.000137143	2	2077.978	-2.4	Visceras	2L:-:46760881-46760828	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_107248	ELNSAALAVGVDGLPQRK	AGAP007474-PA	-	47	9.51E-05	2	1838.018	2.64	Male reproductive organs	2L:-:46761385-46761332	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_107512	VITTSTANTPAIK	AGAP007474-PA	-	39	0.001332821	2	1316.740	-1.35	Ovary	2L:-:46763686-46763648	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_107661	VVGPTIQSPACR	AGAP007474-PA	C11(Carbamidomethyl)	51	7.97E-05	1	1284.678	3.57	Malpighian tubule	2L:-:46764214-46764179	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_107904	QNLLNAATR	AGAP007474-PA	-	58	1.93E-05	2	1000.555	1.21	Male reproductive organs	2L:-:46764545-46764519	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_108075	KLANLRPR	AGAP007474-PA	-	30	0.001433402	2	967.616	-0.12	Male reproductive organs	2L:-:46756037-46756014	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_108841	VVGPTIQSPACR	AGAP007474-PA	C11(Carbamidomethyl)	72	8.41E-07	1	1284.673	-0.04	Male reproductive organs	2L:-:46764214-46764179	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_110183	SSVNLTHAIHDLR	AGAP007474-PA	-	42	0.000670006	2	1462.782	4.19	Head	2L:-:46763314-46763276	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_110420	VGEASGQVLSTIGEESVESR	AGAP007474-PA	-	101	1.27E-09	2	2034.011	5.84	Malpighian tubule	2L:-:46764518-46764459	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_110717	ELQPTVMDQAAGQQLGR	AGAP007474-PA	M7(Oxidation)	72	1.01E-06	2	1857.919	3.59	Malpighian tubule	2L:-:46763365-46763315	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_111141	ALLGYISAGQDALNR	AGAP007474-PA	-	67	2.30E-06	2	1561.838	2.86	Visceras	2L:-:46764959-46764915	exon=> In CDS Exon 5 of transcript AGAP007474-PA
JHU_Ag_111376	SLTDLLEHIK	AGAP007474-PA	-	65	1.66E-06	1	1168.658	0.43	Male reproductive organs	2L:-:46764049-46764020	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_111509	AVAHLAEVCNEATDNQQLR	AGAP007474-PA	C9(Carbamidomethyl)	40	0.001828084	1	2139.033	3.61	Head	2L:-:46764142-46764086	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_111789	RHFVQAAK	AGAP007474-PA	-	48	0.000153204	1	956.543	0.47	Head	2L:-:46761838-46761815	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_111868	AAQEGSLRPLPGETADSCFK	AGAP007474-PA	C18(Carbamidomethyl)	94	7.74E-09	1	2134.023	-0.39	Male reproductive organs	2L:-:46763173-46763114	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_112479	TLREQGIDEQETVLLR	AGAP007474-PA	-	57	2.18E-05	3	1900.011	-1.09	Male reproductive organs	2L:-:46767086-46767039	exon=> In CDS Exon 1 of transcript AGAP007474-PA
JHU_Ag_112584	AVAAGASNLQADIAAAANLGR	AGAP007474-PA	-	98	1.83E-09	2	1925.019	-0.36	Male reproductive organs	2L:-:46756418-46756356	exon=> In CDS Exon 8 of transcript AGAP007474-PA
JHU_Ag_112672	DVAAALGELINATK	AGAP007474-PA	-	89	1.57E-08	2	1385.766	1.97	Visceras	2L:-:46760075-46760034	exon=> In CDS Exon 7 of transcript AGAP007474-PA
JHU_Ag_113444	VLALTPTDPPVWQQLATHSR	AGAP007474-PA	-	37	0.001571454	1	2230.205	2.98	Visceras	2L:-:46761550-46761491	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_115156	GLIESAAQAAYLVGVSNPTSVGGRPGIVDPAQYAR	AGAP007474-PA	-	99	9.13E-10	3	3484.822	0.98	Visceras	2L:-:46762102-46761998	exon=> In CDS Exon 6 of transcript AGAP007474-PA
JHU_Ag_41021	LIAIR	AGAP007474-PA,AGAP012019-PA	-	36	0.000604291	1	585.408	0.16	Larva	2L:-:46754708-46754694;3L:+:36442468-36442482	exon=> In CDS Exon 9 of transcript AGAP007474-PA;exon=> In CDS Exon 1 of transcript AGAP012019-PA

JHU_Ag_4995	KALFEHAAQK	AGAP007475-PA	-	46	0.000309356	2	1142.637	4.52	Larva	2L:+:46825918-46825947	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_5349	FAGALQESDAAK	AGAP007475-PA	-	81	1.49E-07	2	1207.598	2.5	Larva	2L:+:46826284-46826295,46826373-46826396	exon=> In CDS Exon 2 and 3 of transcript AGAP007475-PA
JHU_Ag_13352	AASQELAAENIR	AGAP007475-PA	-	74	6.13E-07	1	1272.659	4.05	Larva	2L:+:46826212-46826247	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_15062	VNCIAPGVVQTK	AGAP007475-PA	C3(Carbamidomethyl)	39	0.001509404	2	1285.695	0.9	Visceras	2L:+:46826248-46826283	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_23806	AASQELAAENIR	AGAP007475-PA	-	60	1.79E-05	2	1272.655	0.79	Pupa	2L:+:46826212-46826247	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_27104	AASQELAAENIR	AGAP007475-PA	-	71	1.18E-06	1	1272.654	-0.17	Male reproductive organs	2L:+:46826212-46826247	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_28252	VNCIAPGVVQTK	AGAP007475-PA	C3(Carbamidomethyl)	38	0.002174059	2	1285.694	0.24	Midgut	2L:+:46826248-46826283	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_40096	TALFGLTK	AGAP007475-PA	-	33	0.002140269	1	850.502	-1.03	Midgut	2L:+:46826188-46826211	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_46728	VAVVTASTEGIGYAIAER	AGAP007475-PA	-	70	1.03E-06	2	1806.962	1.26	Male reproductive organs	2L:+:46825676-46825704,46825758-46825782	exon=> In CDS Exon 1 and 2 of transcript AGAP007475-PA
JHU_Ag_49219	FAGALQESDAAKEETLSR	AGAP007475-PA	-	52	9.80E-05	1	1922.945	-0.05	Midgut	2L:+:46826284-46826295,46826373-46826414	exon=> In CDS Exon 2 and 3 of transcript AGAP007475-PA
JHU_Ag_50060	AVNDLRTAGLEVSGIK	AGAP007475-PA	-	59	7.28E-06	1	1642.920	4.71	Malpighian tubule	2L:+:46825843-46825890	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_62014	AASQELAAENIR	AGAP007475-PA	-	91	1.23E-08	1	1272.657	2.22	Malpighian tubule	2L:+:46826212-46826247	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_65417	AASQELAAENIR	AGAP007475-PA	-	48	0.000243886	2	1272.655	0.5	Head	2L:+:46826212-46826247	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_68742	VAVVTASTEGIGYAIAERLGQEGAK	AGAP007475-PA	-	50	6.28E-05	1	2490.333	5.25	Malpighian tubule	2L:+:46825676-46825704,46825758-46825803	exon=> In CDS Exon 1 and 2 of transcript AGAP007475-PA
JHU_Ag_71690	FAGALQESDAAKEETLSR	AGAP007475-PA	-	70	1.56E-06	2	1922.947	0.87	Malpighian tubule	2L:+:46826284-46826295,46826373-46826414	exon=> In CDS Exon 2 and 3 of transcript AGAP007475-PA
JHU_Ag_79096	ALFEHAAQK	AGAP007475-PA	-	37	0.002233551	2	1014.537	-0.2	Midgut	2L:+:46825921-46825947	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_106030	AASQELAAENIR	AGAP007475-PA	-	63	8.70E-06	1	1272.654	0.02	Midgut	2L:+:46826212-46826247	exon=> In CDS Exon 2 of transcript AGAP007475-PA
JHU_Ag_113623	FAGALQESDAAK	AGAP007475-PA	-	59	2.29E-05	2	1207.597	1.19	Pupa	2L:+:46826284-46826295,46826373-46826396	exon=> In CDS Exon 2 and 3 of transcript AGAP007475-PA
JHU_Ag_41102	AVAVEKQEPVQQLLK	AGAP007476-PA	N-Term(Acetyl)	103	9.52E-11	1	1721.987	4.38	Malpighian tubule	2L:-:46827474-46827430	exon=> In CDS Exon 1 of transcript AGAP007476-PA
JHU_Ag_90545	EFIDELTATTAADALQESAQLK	AGAP007476-PA	-	98	2.49E-09	1	2365.181	1.6	Ovary	2L:-:46827180-46827115	exon=> In CDS Exon 1 of transcript AGAP007476-PA
JHU_Ag_44431	EAVLELNASNER	AGAP007477-PA	-	72	9.25E-07	1	1344.676	0.46	Ovary	2L:-:46828459-46828424	exon=> In CDS Exon 2 of transcript AGAP007477-PA
JHU_Ag_52160	IVDGLNSLLQMSGLLAR	AGAP007477-PA	M11(Oxidation)	96	1.73E-09	1	1816.001	0.57	Ovary	2L:-:46827778-46827728	exon=> In CDS Exon 2 of transcript AGAP007477-PA
JHU_Ag_63231	FEEIVGNEETVAR	AGAP007477-PA	-	86	4.37E-08	1	1492.726	-1.02	Ovary	2L:-:46828686-46828648	exon=> In CDS Exon 1 of transcript AGAP007477-PA
JHU_Ag_68545	PEEVASTSSAPGAPK	AGAP007477-PA	-	71	1.12E-06	2	1427.705	2.65	Malpighian tubule	2L:-:46828788-46828744	exon=> In CDS Exon 1 of transcript AGAP007477-PA
JHU_Ag_81046	LGYAAEDIIGNVFR	AGAP007477-PA	-	112	7.64E-11	1	1537.801	-0.26	Ovary	2L:-:46827895-46827854	exon=> In CDS Exon 2 of transcript AGAP007477-PA

JHU_Ag_51325	NLIKEK	AGAP007478-PA	-	42	0.000756307	2	744.462	0.11	Pupa	2L:+:46838912-46838929	exon=> In CDS Exon 2 of transcript AGAP007478-PA
JHU_Ag_57265	GIANHHQTSQSGATMDK	AGAP007478-PA	M15(Oxidation)	76	2.60E-07	1	1798.806	-4.24	Head	2L:+:46837133-46837183	exon=> In CDS Exon 2 of transcript AGAP007478-PA
JHU_Ag_8651	LDPLVAFNPFVQAGER	AGAP007480-PA	-	58	1.60E-05	2	1772.946	7.26	Malpighian tubule	2L:+:46846370-46846417	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_10605	VPFVPGYVDR	AGAP007480-PA	-	46	0.000377291	2	1148.611	0.52	Midgut	2L:+:46846815-46846819,46846883-46846907	exon=> In CDS Exon 2 and 3 of transcript AGAP007480-PA
JHU_Ag_18350	VPFVPGYVDR	AGAP007480-PA	-	40	0.001461088	1	1148.611	0.52	Male reproductive organs	2L:+:46846815-46846819,46846883-46846907	exon=> In CDS Exon 2 and 3 of transcript AGAP007480-PA
JHU_Ag_18615	AFPQASWIGYYK	AGAP007480-PA	-	55	5.48E-05	2	1430.712	0.87	Malpighian tubule	2L:+:46846226-46846261	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_21641	LDPLVAFNPFVQAGER	AGAP007480-PA	-	78	1.64E-07	1	1772.938	2.65	Head	2L:+:46846370-46846417	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_25077	VPFVPGYVDR	AGAP007480-PA	-	40	0.001345106	1	1148.611	0.84	Salivary gland	2L:+:46846815-46846819,46846883-46846907	exon=> In CDS Exon 2 and 3 of transcript AGAP007480-PA
JHU_Ag_32062	SQLALFAPGLAK	AGAP007480-PA	-	63	3.13E-06	2	1215.711	1.1	Malpighian tubule	2L:+:46846770-46846805	exon=> In CDS Exon 2 of transcript AGAP007480-PA
JHU_Ag_34604	MGNALFAPTWLTAIR	AGAP007480-PA	M1(Oxidation)	37	0.002346216	1	1677.888	5.68	Salivary gland	2L:+:46846725-46846769	exon=> In CDS Exon 2 of transcript AGAP007480-PA
JHU_Ag_34799	IGIATLLNK	AGAP007480-PA	-	37	0.000416316	2	942.599	1.19	Malpighian tubule	2L:+:46847669-46847695	exon=> In CDS Exon 5 of transcript AGAP007480-PA
JHU_Ag_40077	LVYMEAAMMETLR	AGAP007480-PA	M4(Oxidation), M8(Oxidation), M9(Oxidation)	43	0.000484383	2	1605.731	-0.9	Salivary gland	2L:+:46847274-46847312	exon=> In CDS Exon 4 of transcript AGAP007480-PA
JHU_Ag_54933	LDPLVAFNPFVQAGER	AGAP007480-PA	-	80	1.21E-07	1	1772.925	-4.44	Midgut	2L:+:46846370-46846417	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_58301	HAFLGFGEGPR	AGAP007480-PA	-	51	0.000106951	2	1187.595	-0.25	Malpighian tubule	2L:+:46847529-46847561	exon=> In CDS Exon 4 of transcript AGAP007480-PA
JHU_Ag_58511	TVLEESDGQLTEAALHK	AGAP007480-PA	-	38	0.00212677	1	1840.929	0.11	Salivary gland	2L:+:46847223-46847273	exon=> In CDS Exon 4 of transcript AGAP007480-PA
JHU_Ag_65615	SQLALFAPGLAK	AGAP007480-PA	-	63	3.25E-06	1	1215.711	1.5	Salivary gland	2L:+:46846770-46846805	exon=> In CDS Exon 2 of transcript AGAP007480-PA
JHU_Ag_73408	TVLEESDGQLTEAALHK	AGAP007480-PA	-	111	9.68E-11	2	1840.934	2.77	Midgut	2L:+:46847223-46847273	exon=> In CDS Exon 4 of transcript AGAP007480-PA
JHU_Ag_76622	LDPLVAFNPFVQAGER	AGAP007480-PA	-	87	2.31E-08	1	1772.940	3.96	Salivary gland	2L:+:46846370-46846417	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_79464	ATFPLVQQVAQDFVQFIER	AGAP007480-PA	-	99	1.08E-09	2	2236.179	1.37	Midgut	2L:+:46846472-46846528	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_82515	VSSKQELPLEFAK	AGAP007480-PA	-	46	0.000212561	2	1475.810	-0.01	Malpighian tubule	2L:+:46847708-46847746	exon=> In CDS Exon 5 of transcript AGAP007480-PA
JHU_Ag_86105	IGIATLLNK	AGAP007480-PA	-	49	4.03E-05	2	942.598	-0.3	Midgut	2L:+:46847669-46847695	exon=> In CDS Exon 5 of transcript AGAP007480-PA
JHU_Ag_92156	AFPQASWIGYYK	AGAP007480-PA	-	60	1.63E-05	2	1430.710	-0.24	Midgut	2L:+:46846226-46846261	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_94786	IGIATLLNK	AGAP007480-PA	-	69	2.93E-07	1	942.599	1.19	Salivary gland	2L:+:46847669-46847695	exon=> In CDS Exon 5 of transcript AGAP007480-PA
JHU_Ag_98378	AFPQASWIGYYK	AGAP007480-PA	-	47	0.000331818	2	1430.712	1.21	Salivary gland	2L:+:46846226-46846261	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_110540	ISNQPGIVVR	AGAP007480-PA	-	44	0.00018508	2	1082.631	-0.64	Salivary gland	2L:+:46846262-46846291	exon=> In CDS Exon 1 of transcript AGAP007480-PA
JHU_Ag_111862	HAFLGFGEGPR	AGAP007480-PA	-	32	0.008401423	2	1187.595	-0.56	Head	2L:+:46847529-46847561	exon=> In CDS Exon 4 of transcript AGAP007480-PA

JHU_Ag_112314	HAFLGFGEGPR	AGAP007480-PA	-	44	0.000600048	1	1187.596	-0.04	Midgut	2L:+:46847529-46847561	exon=> In CDS Exon 4 of transcript AGAP007480-PA
JHU_Ag_83111	APMLKK	AGAP007488-PA	M3(Oxidation)	36	0.003739315	2	703.415	-3.03	Salivary gland	2L:+:46868751-46868768	exon=> In CDS Exon 3 of transcript AGAP007488-PA
JHU_Ag_6620	FFSPYYADGEQK	AGAP007491-PA	-	43	0.000478929	1	1451.648	-0.12	Midgut	2L:+:46900140-46900175	exon=> In CDS Exon 1 of transcript AGAP007491-PA
JHU_Ag_53920	EFEVMAYPTIR	AGAP007491-PA	M5(Oxidation)	39	0.001848637	2	1371.662	0.66	Midgut	2L:+:46900107-46900139	exon=> In CDS Exon 1 of transcript AGAP007491-PA
JHU_Ag_66964	FFSPYYADGEQK	AGAP007491-PA	-	35	0.002633415	2	1451.646	-1.05	Pupa	2L:+:46900140-46900175	exon=> In CDS Exon 1 of transcript AGAP007491-PA
JHU_Ag_68561	NFLNVLVR	AGAP007491-PA	-	43	0.000349995	2	974.577	-0.99	Male reproductive organs	2L:+:46902379-46902402	exon=> In CDS Exon 2 of transcript AGAP007491-PA
JHU_Ag_69150	IGEPVKEHDEQR	AGAP007491-PA	-	50	0.000166294	1	1436.716	2.49	Pupa	2L:+:46900176-46900179,46901693-46901724	exon=> In CDS Exon 1 and 2 of transcript AGAP007491-PA
JHU_Ag_71485	FALFHEIGR	AGAP007491-PA	-	49	0.000201627	1	1089.585	0.89	Male reproductive organs	2L:+:46902313-46902339	exon=> In CDS Exon 2 of transcript AGAP007491-PA
JHU_Ag_76339	LSGDATEDPDHPK	AGAP007491-PA	-	51	9.32E-05	1	1381.621	-1.23	Midgut	2L:+:46902838-46902876	exon=> In CDS Exon 2 of transcript AGAP007491-PA
JHU_Ag_106313	FALFHEIGR	AGAP007491-PA	-	53	7.92E-05	1	1089.583	-0.81	Midgut	2L:+:46902313-46902339	exon=> In CDS Exon 2 of transcript AGAP007491-PA
JHU_Ag_109428	FFSPYYADGEQK	AGAP007491-PA	-	38	0.001511598	1	1451.650	1.22	Salivary gland	2L:+:46900140-46900175	exon=> In CDS Exon 1 of transcript AGAP007491-PA
JHU_Ag_70734	FSGNLIQMMASKE	AGAP007492-PA	M8(Oxidation), M9(Oxidation)	68	1.66E-06	1	1487.688	0.72	Ovary	2L:-:46903989-46903951	exon=> In CDS Exon 1 of transcript AGAP007492-PA
JHU_Ag_83057	TEVLSELR	AGAP007492-PA	-	49	0.000209547	2	946.521	0.97	Ovary	2L:-:46904025-46904002	exon=> In CDS Exon 1 of transcript AGAP007492-PA
JHU_Ag_92579	FSGNLIQMMASK	AGAP007492-PA	M8(Oxidation), M9(Oxidation)	70	1.06E-06	1	1358.644	-0.2	Ovary	2L:-:46903989-46903954	exon=> In CDS Exon 1 of transcript AGAP007492-PA
JHU_Ag_173	SEAEIQHIALVTLEGHQR	AGAP007494-PA	-	79	1.44E-07	1	2031.062	-0.18	Midgut	2L:+:46908438-46908491	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_1077	AVYDVEVQTK	AGAP007494-PA	-	49	0.000204732	1	1151.593	-1.2	Ovary	2L:+:46912179-46912208	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_1977	LTGEVLQIVNKIPELVK	AGAP007494-PA	-	51	2.92E-06	1	1893.146	2.15	Pupa	2L:+:46912841-46912891	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_3528	EAAMVDMLLDTLPK	AGAP007494-PA	M4(Oxidation), M7(Oxidation),M7(Oxidation)	57	3.31E-05	2	1562.783	1.73	Head	2L:+:46912637-46912678	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_8188	VAAEVAAPLSQAKK	AGAP007494-PA	-	35	0.001167352	2	1382.801	0.58	Malpighian tubule	2L:+:46912754-46912795	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_9551	AVYDVEVQTK	AGAP007494-PA	-	67	3.19E-06	1	1151.597	2.26	Head	2L:+:46912179-46912208	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_9612	EAAMVDMLLDTLPK	AGAP007494-PA	M4(Oxidation), M7(Oxidation)	59	2.44E-05	1	1578.774	-1.1	Male reproductive organs	2L:+:46912637-46912678	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_11165	ITMVSSGNGEVGAVK	AGAP007494-PA	M3(Oxidation),"M3(Oxidation), N8(Deamidated)"	110	1.57E-10	1	1448.742	0.72	Head	2L:+:46912796-46912840	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_12219	SEAEIQHIALVTLEGHQR	AGAP007494-PA	Q6(Deamidated)	131	1.00E-12	1	2031.070	4.24	Ovary	2L:+:46908438-46908491	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_12380	QVFEVASSDLVNMGITVVSYTLK	AGAP007494-PA	-	32	0.005232226	3	2500.317	6.49	Head	2L:+:46908552-46908620	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_12805	LTGEVLQIVNK	AGAP007494-PA	-	70	4.40E-07	2	1213.713	-2.1	Midgut	2L:+:46912841-46912873	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_13509	FLNDTEIAK	AGAP007494-PA	-	43	0.000838998	1	1050.547	0.03	Ovary	2L:+:46912125-46912151	exon=> In CDS Exon 5 of transcript AGAP007494-PA

JHU_Ag_16995	ITMVSSGNGEVGAVK	AGAP007494-PA	M3(Oxidation)	100	1.60E-09	1	1464.740	2.51	Male reproductive organs	2L:+:46912796-46912840	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_17722	FLNDTEIAK	AGAP007494-PA	-	35	0.004108434	1	1050.550	2.93	Male reproductive organs	2L:+:46912125-46912151	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_19998	KAEAEMAYELQAAK	AGAP007494-PA	M6(Oxidation)	69	2.19E-06	2	1568.770	4.78	Male reproductive organs	2L:+:46912209-46912250	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_20206	VILEAEAEAEAIK	AGAP007494-PA	-	89	1.63E-08	2	1385.748	-3.05	Midgut	2L:+:46912431-46912463,46912535-46912540	exon=> In CDS Exon 5 and 6 of transcript AGAP007494-PA
JHU_Ag_21691	AFVWPSIQQVQR	AGAP007494-PA	-	64	4.55E-06	1	1458.790	2.97	Malpighian tubule	2L:+:46908059-46908093,46908284-46908284	exon=> In CDS Exon 2 and 3 of transcript AGAP007494-PA
JHU_Ag_23472	LTGEVLQIVNK	AGAP007494-PA	-	59	5.76E-06	2	1213.715	0.11	Head	2L:+:46912841-46912873	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_26212	GEAEAFAIAAK	AGAP007494-PA	-	36	0.003961356	1	1077.555	-2.56	Head	2L:+:46912547-46912579	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_28091	VRGEAEAFAIAAK	AGAP007494-PA	-	47	0.000174634	1	1332.732	3.75	Male reproductive organs	2L:+:46912541-46912579	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_29203	LTGEVLQIVNKIPELVK	AGAP007494-PA	-	71	3.13E-08	1	1893.148	3.03	Ovary	2L:+:46912841-46912891	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_31925	LTGEVLQIVNKIPELVK	AGAP007494-PA	-	53	2.68E-06	2	1893.141	-0.71	Midgut	2L:+:46912841-46912891	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_35519	AVYDVEVQTK	AGAP007494-PA	-	41	0.001042843	2	1151.596	1.14	Malpighian tubule	2L:+:46912179-46912208	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_46047	LAEANKLR	AGAP007494-PA	-	53	6.53E-05	1	914.542	0.48	Malpighian tubule	2L:+:46912407-46912430	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_49837	KAEAEMAYELQAAK	AGAP007494-PA	M6(Oxidation)	120	1.46E-11	2	1568.756	-4.09	Head	2L:+:46912209-46912250	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_51950	EAIAEEQR	AGAP007494-PA	-	55	3.92E-05	2	945.462	-1.59	Head	2L:+:46912089-46912112	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_52014	LTGEVLQIVNK	AGAP007494-PA	-	75	1.53E-07	1	1213.715	-0.49	Ovary	2L:+:46912841-46912873	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_52251	SITGVDISR	AGAP007494-PA	-	40	0.001280027	2	947.514	-2.01	Ovary	2L:+:46912892-46912918	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_57327	FLNDTEIAK	AGAP007494-PA	-	42	0.001005821	1	1050.546	-1.07	Head	2L:+:46912125-46912151	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_60377	SEAEIQHIALVTLEGHQR	AGAP007494-PA	Q6(Deamidated),Q17(Deamidated)	152	7.59E-15	1	2031.067	2.71	Head	2L:+:46908438-46908491	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_61683	FLNDTEIAK	AGAP007494-PA	-	41	0.001324722	1	1050.548	1.3	Malpighian tubule	2L:+:46912125-46912151	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_62275	TQEIAVQEQEMQR	AGAP007494-PA	-	74	6.92E-07	1	1589.763	2.82	Head	2L:+:46912302-46912340	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_68450	VAAEVAAPLSQAK	AGAP007494-PA	-	37	0.001089665	2	1254.704	-1.21	Visceras	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_69134	LTGEVLQIVNKIPELVK	AGAP007494-PA	-	40	4.48E-05	1	1893.144	1.28	Salivary gland	2L:+:46912841-46912891	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_71873	SEAEIQHIALVTLEGHQR	AGAP007494-PA	-	45	0.000390265	3	2031.066	2.07	Salivary gland	2L:+:46908438-46908491	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_73153	VAAEVAAPLSQAK	AGAP007494-PA	-	70	5.56E-07	2	1254.701	-3.74	Midgut	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_74255	VAAEVAAPLSQAK	AGAP007494-PA	-	84	2.33E-08	1	1254.706	0.83	Head	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_80019	KAEAEMAYELQAAK	AGAP007494-PA	M6(Oxidation)	87	2.75E-08	1	1568.765	1.36	Malpighian tubule	2L:+:46912209-46912250	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_81482	LTGEVLQIVNK	AGAP007494-PA	-	62	2.41E-06	2	1213.721	4.44	Salivary gland	2L:+:46912841-46912873	exon=> In CDS Exon 7 of transcript AGAP007494-PA

JHU_Ag_82144	AFVWPSIQQVQR	AGAP007494-PA	-	53	5.55E-05	2	1458.790	3.05	Ovary	2L:+:46908059-46908093,46908284-46908284	exon=> In CDS Exon 2 and 3 of transcript AGAP007494-PA
JHU_Ag_86450	GEAEAFAIAAK	AGAP007494-PA	-	57	3.26E-05	2	1077.554	-3.65	Midgut	2L:+:46912547-46912579	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_87548	VRGEAEAFAIAAK	AGAP007494-PA	-	65	3.76E-06	1	1332.724	-2.39	Head	2L:+:46912541-46912579	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_87992	ISLNTMTLQVESPTVYTSQGVPISVTGIAQVK	AGAP007494-PA	M6(Oxidation)	116	7.84E-12	1	3377.796	2.44	Ovary	2L:+:46908285-46908380	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_89812	EAAMVDMLLDTLPK	AGAP007494-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation),M7(Oxidation)	77	3.62E-07	2	1562.775	-3.58	Midgut	2L:+:46912637-46912678	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_92123	VAAEVAAPLSQAK	AGAP007494-PA	-	44	0.000191547	2	1254.708	1.81	Ovary	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_92904	VILEAEAEAEAIK	AGAP007494-PA	-	123	5.89E-12	2	1385.753	0.65	Head	2L:+:46912431-46912463,46912535-46912540	exon=> In CDS Exon 5 and 6 of transcript AGAP007494-PA
JHU_Ag_93755	VAAEVAAPLSQAK	AGAP007494-PA	-	56	1.58E-05	1	1254.705	0.15	Male reproductive organs	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_93874	AVYDVEVQTK	AGAP007494-PA	-	58	2.11E-05	1	1151.597	2.26	Male reproductive organs	2L:+:46912179-46912208	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_94093	SEAEIQHIALVTLEGHQR	AGAP007494-PA	-	127	2.74E-12	1	2031.062	-0.18	Male reproductive organs	2L:+:46908438-46908491	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_96015	VILEAEAEAEAIKVR	AGAP007494-PA	-	54	1.82E-05	1	1640.919	-1.94	Ovary	2L:+:46912431-46912463,46912535-46912546	exon=> In CDS Exon 5 and 6 of transcript AGAP007494-PA
JHU_Ag_97276	VAAEVAAPLSQAK	AGAP007494-PA	-	54	1.98E-05	2	1254.704	-1.31	Salivary gland	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_97613	LTGEVLQIVNKIPELVK	AGAP007494-PA	-	99	5.19E-11	1	1893.145	1.8	Malpighian tubule	2L:+:46912841-46912891	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_97786	RPAEAEK	AGAP007494-PA	-	31	0.004568501	2	800.426	-0.62	Head	2L:+:46912371-46912391	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_100248	LTGEVLQIVNK	AGAP007494-PA	-	75	1.61E-07	2	1213.716	0.82	Malpighian tubule	2L:+:46912841-46912873	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_100310	SEAEIQHIALVTLEGHQR	AGAP007494-PA	-	59	1.62E-05	3	2031.066	1.98	Visceras	2L:+:46908438-46908491	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_100327	CDATIKEAIAEEQR	AGAP007494-PA	C1(Carbamidomethyl)	60	1.56E-05	2	1633.788	2.01	Malpighian tubule	2L:+:46912071-46912112	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_105150	ITMVSSGNGEVGAVK	AGAP007494-PA	M3(Oxidation), N8(Deamidated)	112	8.64E-11	1	1465.715	-3.74	Midgut	2L:+:46912796-46912840	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_105829	AFVWPSIQQVQR	AGAP007494-PA	-	56	3.51E-05	2	1458.785	-0.13	Male reproductive organs	2L:+:46908059-46908093,46908284-46908284	exon=> In CDS Exon 2 and 3 of transcript AGAP007494-PA
JHU_Ag_106609	VAAEVAAPLSQAK	AGAP007494-PA	-	56	1.36E-05	2	1254.705	-0.63	Pupa	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_107129	GEAEAFAIAAK	AGAP007494-PA	-	40	0.001670988	2	1077.558	0.43	Salivary gland	2L:+:46912547-46912579	exon=> In CDS Exon 6 of transcript AGAP007494-PA
JHU_Ag_108005	TQEIAVQEQEMQR	AGAP007494-PA	M11(Oxidation)	63	5.80E-06	2	1605.757	1.7	Malpighian tubule	2L:+:46912302-46912340	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_108133	AFVWPSIQQVQR	AGAP007494-PA	-	92	7.42E-09	1	1458.787	1.21	Head	2L:+:46908059-46908093,46908284-46908284	exon=> In CDS Exon 2 and 3 of transcript AGAP007494-PA
JHU_Ag_108531	VAAEVAAPLSQAK	AGAP007494-PA	-	70	6.06E-07	2	1254.705	0.05	Malpighian tubule	2L:+:46912754-46912792	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_111434	SITGVDISR	AGAP007494-PA	-	38	0.002114556	2	947.514	-2.13	Midgut	2L:+:46912892-46912918	exon=> In CDS Exon 7 of transcript AGAP007494-PA

JHU_Ag_111792	SEAEIQHIALVTLEGHQR	AGAP007494-PA	-	119	1.41E-11	1	2031.063	0.63	Malpighian tubule	2L:+:46908438-46908491	exon=> In CDS Exon 3 of transcript AGAP007494-PA
JHU_Ag_114841	LTGEVLQIVNKIPELVK	AGAP007494-PA	-	82	2.55E-09	1	1893.138	-1.87	Male reproductive organs	2L:+:46912841-46912891	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_115675	LTGEVLQIVNKIPELVK	AGAP007494-PA	-	108	7.91E-12	1	1893.142	-0.13	Head	2L:+:46912841-46912891	exon=> In CDS Exon 7 of transcript AGAP007494-PA
JHU_Ag_117175	TQEIAVQEQEMQR	AGAP007494-PA	M11(Oxidation)	53	6.35E-05	2	1605.761	4.51	Male reproductive organs	2L:+:46912302-46912340	exon=> In CDS Exon 5 of transcript AGAP007494-PA
JHU_Ag_32641	VGATLVADNPEQQIMGTISFR	AGAP007497-PA	M15(Oxidation)	116	3.24E-11	1	2263.142	1.25	Head	2L:-:46920928-46920866	exon=> In CDS Exon 2 of transcript AGAP007497-PA
JHU_Ag_37551	FPDLSINNPISFQGEEDTVGAR	AGAP007497-PA	N8(Deamidated)	113	9.13E-11	2	2406.159	0.8	Head	2L:-:46920499-46920434	exon=> In CDS Exon 3 of transcript AGAP007497-PA
JHU_Ag_100237	HAVHVHAFGDMR	AGAP007497-PA	M11(Oxidation)	64	6.32E-06	1	1392.662	1.81	Head	2L:-:46920805-46920770	exon=> In CDS Exon 2 of transcript AGAP007497-PA
JHU_Ag_2415	NVNLEVEFAPVVTVPRPR	AGAP007500-PA	N1(Deamidated)	74	1.72E-07	1	2036.132	1.76	Head	2L:+:46955570-46955623	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_7539	VEQALQYDMDLECHIEAYPPPAIR	AGAP007500-PA	M9(Oxidation), C13(Carbamidomethyl),C13(Carbamidomethyl)	161	1.15E-15	1	2874.352	2.82	Head	2L:+:46955624-46955695	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_9665	TPTISYITQEQIK	AGAP007500-PA	-	74	3.21E-07	1	1521.818	1.46	Pupa	2L:+:46930901-46930939	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_19831	SDTVFLSTGSSLVLK	AGAP007500-PA	-	87	1.40E-08	2	1553.848	3.55	Salivary gland	2L:+:46931027-46931071	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_27145	YDLSSTSYTLQIK	AGAP007500-PA	-	60	1.75E-05	2	1518.768	-0.35	Pupa	2L:+:46931093-46931131	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_31076	GTYYCVADNGVSR	AGAP007500-PA	C5(Carbamidomethyl)	49	7.92E-05	2	1461.640	-1.84	Head	2L:+:46955519-46955557	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_31287	NVNLEVEFAPVVTVPRPR	AGAP007500-PA	-	46	0.000103804	1	2036.136	3.29	Malpighian tubule	2L:+:46955570-46955623	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_37619	TPTISYITQEQIK	AGAP007500-PA	-	100	9.55E-10	1	1521.818	1.22	Salivary gland	2L:+:46930901-46930939	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_40544	NVNLEVEFAPVVTVPRPR	AGAP007500-PA	-	47	0.000102741	1	2036.128	-0.58	Pupa	2L:+:46955570-46955623	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_41053	DSVQLSSNQHYQLSQFATADEFTDSTLR	AGAP007500-PA	-	112	7.03E-11	1	3188.473	-1.31	Head	2L:+:46955705-46955788	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_45919	NVNLEVEFAPVVTVPRPR	AGAP007500-PA	-	75	1.47E-07	1	2036.133	1.94	Salivary gland	2L:+:46955570-46955623	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_46052	SDTVFLSTGSSLVLK	AGAP007500-PA	-	73	3.98E-07	2	1553.842	-0.06	Head	2L:+:46931027-46931071	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_51284	DSVQLSSNQHYQLSQFATADEFTDSTLR	AGAP007500-PA	-	96	2.70E-09	1	3188.477	0.07	Salivary gland	2L:+:46955705-46955788	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_56120	QYGEYICQATNK	AGAP007500-PA	C7(Carbamidomethyl)	44	0.000435146	2	1474.663	-0.08	Pupa	2L:+:46955810-46955845	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_58067	TPTISYITQEQIK	AGAP007500-PA	-	101	7.18E-10	1	1521.815	-0.71	Ovary	2L:+:46930901-46930939	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_58457	TPTISYITQEQIK	AGAP007500-PA	-	81	6.75E-08	1	1521.817	0.74	Male reproductive organs	2L:+:46930901-46930939	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_59039	VEFTESVIPVCPPACGQAR	AGAP007500-PA	C11(Carbamidomethyl), C15(Carbamidomethyl)	54	5.91E-05	1	2117.006	-4.31	Head	2L:+:46955867-46955923	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_70530	NVNLEVEFAPVVTVPRPR	AGAP007500-PA	-	41	0.000371954	1	2036.138	4.28	Visceras	2L:+:46955570-46955623	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_77669	VITAEKR	AGAP007500-PA	-	52	9.75E-05	2	816.494	0.37	Salivary gland	2L:+:46955789-46955809	exon=> In CDS Exon 3 of transcript AGAP007500-PA

JHU_Ag_92711	QYGEYICQATNK	AGAP007500-PA	C7(Carbamidomethyl)	36	0.002302322	2	1474.666	1.99	Malpighian tubule	2L:+:46955810-46955845	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_93868	QYGEYICQATNK	AGAP007500-PA	C7(Carbamidomethyl)	57	2.15E-05	2	1474.666	2.15	Salivary gland	2L:+:46955810-46955845	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_95799	ISAEVALNVR	AGAP007500-PA	-	70	1.36E-06	2	1071.616	0.6	Salivary gland	2L:+:46931195-46931224	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_101188	GTYYCVADNGVSR	AGAP007500-PA	C5(Carbamidomethyl),"C5 (Carbamidomethyl), N9(Deamidated)"	87	1.16E-08	1	1461.638	-3	Salivary gland	2L:+:46955519-46955557	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_103145	TPTISYITQEQIK	AGAP007500-PA	-	38	0.001536106	1	1521.824	5.07	Visceras	2L:+:46930901-46930939	exon=> In CDS Exon 1 of transcript AGAP007500-PA
JHU_Ag_104054	RQYGEYICQATNK	AGAP007500-PA	C8(Carbamidomethyl)	60	1.46E-05	2	1630.761	-1.75	Head	2L:+:46955807-46955845	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_114798	GTYYCVADNGVSR	AGAP007500-PA	C5(Carbamidomethyl), N9(Deamidated),C5(Carbamidomethyl)	98	9.78E-10	2	1462.626	-0.42	Pupa	2L:+:46955519-46955557	exon=> In CDS Exon 3 of transcript AGAP007500-PA
JHU_Ag_3197	VFPLSTLLEFK	AGAP007501-PA	-	33	0.001676926	2	1293.744	-1.19	Head	2L:+:46966375-46966407	exon=> In CDS Exon 2 of transcript AGAP007501-PA
JHU_Ag_103246	EAALAAAAQPTANGLK	AGAP007501-PA	N13(Deamidated)	37	0.001987964	2	1497.792	0.48	Head	2L:+:46967123-46967170	exon=> In CDS Exon 4 of transcript AGAP007501-PA
JHU_Ag_6360	KQNELK	AGAP007502-PA	-	43	0.001307344	2	759.433	-4.26	Head	2L:-:46970455-46970438	exon=> In CDS Exon 4 of transcript AGAP007502-PA
JHU_Ag_88071	APTTTTTTTITPDTPSQTK	AGAP007503-PA	-	52	0.000107406	1	1962.990	1.53	Head	2L:+:46980908-46980964	exon=> In CDS Exon 5 of transcript AGAP007503-PA
JHU_Ag_92096	HFNESETLDQLPLTHPEHFGNPVIGGR	AGAP007503-PA,AGAP007503-PB	-	67	3.04E-06	1	3041.506	6.4	Ovary	2L:+:46974425-46974505;2L:+:46974425-46974505	exon=> In CDS Exon 2 of transcript AGAP007503-PA;exon=> In CDS Exon 2 of transcript AGAP007503-PB
JHU_Ag_113562	QIGISLVGLTK	AGAP007504-PA	Q1(Deamidated)	28	0.003093417	1	1129.691	7.16	Head	2L:-:46987988-46987956	exon=> In CDS Exon 5 of transcript AGAP007504-PA
JHU_Ag_23877	FVLLLWK	AGAP007504-PA,AGAP012156-PA,AGAP006379-PA,AGAP006380-PA,AGAP011518-PA	-	39	0.000181273	2	918.580	-1.15	Midgut	2L:-:46989839-46989819;3L:+:38107333-38107353;2L:-:30931752-30931732;2L:-:30940318-30940298;3L:-:26416635-26416615	exon=> In CDS Exon 1 of transcript AGAP007504-PA;exon=> In CDS Exon 1 of transcript AGAP012156-PA;exon=> In CDS Exon 1 of transcript AGAP006379-PA;exon=> In CDS Exon 1 of transcript AGAP006380-PA;exon=> In CDS Exon 1 of transcript AGAP011518-PA
JHU_Ag_45	SDLKLQPR	AGAP007505-PA	-	34	0.004162868	2	956.552	-0.05	Pupa	2L:+:46991983-46992006	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_12524	EAPVVLWLQGGPGASSLYGLFTENGPFSVR	AGAP007505-PA	-	144	3.17E-14	1	3148.618	2.28	Midgut	2L:+:46991893-46991982	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_13800	YVPAVAHTIHR	AGAP007505-PA	-	40	0.000838781	2	1263.695	-0.46	Midgut	2L:+:46992217-46992249	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_14894	YVPAVAHTIHR	AGAP007505-PA	-	55	2.61E-05	1	1263.699	2.72	Head	2L:+:46992217-46992249	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_19863	FLQLAETR	AGAP007505-PA	-	50	0.000130982	1	977.541	-0.32	Pupa	2L:+:46992583-46992606	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_22551	WALDLLMR	AGAP007505-PA	M7(Oxidation)	53	9.01E-05	1	1033.549	-1.3	Midgut	2L:+:46992958-46992981	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_23379	FLQLAETR	AGAP007505-PA	-	59	1.60E-05	1	977.544	2.49	Larva	2L:+:46992583-46992606	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_26399	WALDLLMR	AGAP007505-PA	M7(Oxidation)	59	1.50E-05	2	1033.551	0.82	Pupa	2L:+:46992958-46992981	exon=> In CDS Exon 1 of transcript AGAP007505-PA

JHU_Ag_27067	VDGEIAGYAK	AGAP007505-PA	-	40	0.001471371	1	1022.514	-0.88	Salivary gland	2L:+:46992859-46992888	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_30671	LDVMQSVMPYLNELLHSYR	AGAP007505-PA	M4(Oxidation), M8(Oxidation)	101	1.14E-09	1	2340.142	2.44	Ovary	2L:+:46992679-46992735	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_34067	LDVMQSVMPYLNELLHSYR	AGAP007505-PA	M4(Oxidation), M8(Oxidation)	118	2.61E-11	1	2340.149	5.57	Larva	2L:+:46992679-46992735	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_36716	LDVMQSVMPYLNELLHSYR	AGAP007505-PA	M4(Oxidation), M8(Oxidation)	64	5.93E-06	1	2340.133	-1.55	Midgut	2L:+:46992679-46992735	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_37842	VDGEIAGYAK	AGAP007505-PA	-	46	0.000331906	1	1022.516	1.03	Ovary	2L:+:46992859-46992888	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_38917	EAGNLVEVLVR	AGAP007505-PA	-	84	2.98E-08	2	1198.684	3.91	Larva	2L:+:46992889-46992921	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_49915	EAGNLVEVLVR	AGAP007505-PA	-	73	3.66E-07	2	1198.680	0.85	Malpighian tubule	2L:+:46992889-46992921	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_51954	EAGNLVEVLVR	AGAP007505-PA	-	86	1.91E-08	2	1198.680	1.16	Pupa	2L:+:46992889-46992921	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_53568	EAPVVLWLQGGPGASSLYGLFTENGPFSVR	AGAP007505-PA	-	104	3.68E-10	1	3148.612	0.41	Ovary	2L:+:46991893-46991982	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_55673	WALDLLMR	AGAP007505-PA	M7(Oxidation)	50	0.000154654	2	1033.553	2.95	Larva	2L:+:46992958-46992981	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_67159	DQFHQYEAK	AGAP007505-PA	-	65	3.56E-06	1	1165.527	-0.02	Pupa	2L:+:46992382-46992408	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_71531	WALDLLMR	AGAP007505-PA	M7(Oxidation)	46	0.000325337	2	1033.551	0.59	Malpighian tubule	2L:+:46992958-46992981	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_71575	VDGEIAGYAK	AGAP007505-PA	-	50	0.000140323	1	1022.515	-0.58	Pupa	2L:+:46992859-46992888	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_79302	YVPAVAHTIHR	AGAP007505-PA	-	60	9.42E-06	1	1263.696	0.6	Malpighian tubule	2L:+:46992217-46992249	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_80813	FLQLAETR	AGAP007505-PA	-	45	0.000433992	2	977.541	-0.7	Midgut	2L:+:46992583-46992606	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_81266	YVPAVAHTIHR	AGAP007505-PA	-	36	0.002034617	1	1263.698	2.14	Larva	2L:+:46992217-46992249	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_99961	KDFECAFDVFDELINGDQYPSGSLFK	AGAP007505-PA	C5(Carbamidomethyl)	85	3.80E-08	1	3041.395	2.35	Ovary	2L:+:46992430-46992507	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_101615	LNFPGMEDYKK	AGAP007505-PA	M6(Oxidation)	35	0.003440608	1	1357.645	-0.61	Pupa	2L:+:46992805-46992837	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_101686	DQFHQYEAK	AGAP007505-PA	-	50	0.000110727	2	1165.527	-0.65	Midgut	2L:+:46992382-46992408	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_105660	VDGEIAGYAK	AGAP007505-PA	-	42	0.000816823	2	1022.515	-0.7	Midgut	2L:+:46992859-46992888	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_106440	EAGNLVEVLVR	AGAP007505-PA	-	77	1.36E-07	2	1198.678	-0.88	Ovary	2L:+:46992889-46992921	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_106576	DQFHQYEAK	AGAP007505-PA	-	46	0.000302147	2	1165.528	0.4	Head	2L:+:46992382-46992408	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_108462	DFECAFDVFDELINGDQYPSGSLFK	AGAP007505-PA	C4(Carbamidomethyl)	87	1.46E-08	1	2913.289	-1.29	Ovary	2L:+:46992433-46992507	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_111936	EAGNLVEVLVR	AGAP007505-PA	-	73	3.44E-07	2	1198.682	2.38	Salivary gland	2L:+:46992889-46992921	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_114124	DQFHQYEAK	AGAP007505-PA	-	71	1.09E-06	1	1165.531	3.12	Larva	2L:+:46992382-46992408	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_114343	YVPAVAHTIHR	AGAP007505-PA	-	38	0.001220389	1	1263.693	-1.82	Pupa	2L:+:46992217-46992249	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_115571	LNFPGMEDYKK	AGAP007505-PA	M6(Oxidation)	38	0.001698392	1	1341.650	-0.64	Midgut	2L:+:46992805-46992837	exon=> In CDS Exon 1 of transcript AGAP007505-PA
JHU_Ag_116415	VDGEIAGYAK	AGAP007505-PA	-	41	0.001091983	1	1022.520	4.21	Larva	2L:+:46992859-46992888	exon=> In CDS Exon 1 of transcript AGAP007505-PA

JHU_Ag_8453	VQAPLYPLLLR	AGAP007507-PA	-	37	0.000363483	2	1282.788	-0.16	Midgut	2L:+:46996364-46996396	exon=> In CDS Exon 3 of transcript AGAP007507-PA
JHU_Ag_67330	VQAPLYPLLLR	AGAP007507-PA	-	34	0.000716593	1	1282.792	2.69	Visceras	2L:+:46996364-46996396	exon=> In CDS Exon 3 of transcript AGAP007507-PA
JHU_Ag_94899	TLQAALPEGVTLK	AGAP007507-PA	-	55	1.48E-05	2	1340.781	1.57	Ovary	2L:+:46996397-46996435	exon=> In CDS Exon 3 of transcript AGAP007507-PA
JHU_Ag_111372	TVQVEKVQAPLYPLLLR	AGAP007507-PA	-	63	2.07E-07	1	1967.174	2.59	Malpighian tubule	2L:+:46996346-46996396	exon=> In CDS Exon 3 of transcript AGAP007507-PA
JHU_Ag_115642	LQEKLQTLK	AGAP007510-PA	Q6(Deamidated)	37	0.001553596	1	1101.649	-1.81	Malpighian tubule	2L:-:47002117-47002091	exon=> In CDS Exon 1 of transcript AGAP007510-PA
JHU_Ag_32609	KEQQEK	AGAP007511-PA	-	37	0.005214899	2	789.408	-3.01	Head	2L:+:47004334-47004351	exon=> In CDS Exon 2 of transcript AGAP007511-PA
JHU_Ag_60010	DAIDEDGYAIDNFTR	AGAP007511-PA	-	59	1.31E-05	2	1714.759	2.12	Ovary	2L:+:47004697-47004741	exon=> In CDS Exon 2 of transcript AGAP007511-PA
JHU_Ag_75380	SALALDEVPGFSLHK	AGAP007511-PA	N-Term(Acetyl)	50	0.000101845	2	1625.860	4.29	Visceras	2L:+:47002734-47002778	exon=> In CDS Exon 1 of transcript AGAP007511-PA
JHU_Ag_94572	SALALDEVPGFSLHK	AGAP007511-PA	N-Term(Acetyl)	86	2.58E-08	1	1625.854	0.08	Ovary	2L:+:47002734-47002778	exon=> In CDS Exon 1 of transcript AGAP007511-PA
JHU_Ag_22774	LLLNIK	AGAP007512-PA	N4(Deamidated)	36	0.001065273	2	714.479	3.96	Ovary	2L:+:47076969-47076986	exon=> In CDS Exon 1 of transcript AGAP007512-PA
JHU_Ag_49019	LHQAK	AGAP007512-PA	Q3(Deamidated)	30	0.002936861	1	597.335	-0.4	Head	2L:+:47077347-47077361	exon=> In CDS Exon 1 of transcript AGAP007512-PA
JHU_Ag_42387	KVDLLEQGATLR	AGAP007512-PA,AGAP007512-PB	Q7(Deamidated)	35	0.003438955	2	1343.742	-8.27	Pupa	2L:+:47102518-47102539,47102623-47102636;2L:+:47102518-47102539,47102623-47102636	exon=> In CDS Exon 3 and 4 of transcript AGAP007512-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007512-PB
JHU_Ag_8823	FVFTDITYGLK	AGAP007519-PA	-	39	0.001657043	1	1303.702	7	Salivary gland	2L:-:47129067-47129035	exon=> In CDS Exon 2 of transcript AGAP007519-PA
JHU_Ag_26307	FVFTDITYGLK	AGAP007519-PA	-	44	0.000673592	2	1303.690	-2.64	Ovary	2L:-:47129067-47129035	exon=> In CDS Exon 2 of transcript AGAP007519-PA
JHU_Ag_52681	LNQIYFPLTGR	AGAP007519-PA	-	50	8.56E-05	1	1321.724	-2.11	Ovary	2L:-:47128959-47128927	exon=> In CDS Exon 2 of transcript AGAP007519-PA
JHU_Ag_78450	FVFTDITYGLK	AGAP007519-PA	-	68	2.61E-06	1	1303.696	2.04	Midgut	2L:-:47129067-47129035	exon=> In CDS Exon 2 of transcript AGAP007519-PA
JHU_Ag_85430	LLEEGKYEFVLDR	AGAP007519-PA	-	49	0.000145074	1	1610.840	-1.48	Midgut	2L:-:47128881-47128843	exon=> In CDS Exon 2 of transcript AGAP007519-PA
JHU_Ag_87911	LIDDLLLDMIK	AGAP007519-PA	M9(Oxidation)	72	6.97E-07	1	1317.733	-0.13	Ovary	2L:-:47128695-47128663	exon=> In CDS Exon 2 of transcript AGAP007519-PA
JHU_Ag_110610	SVDELKQDEQYLSIIEQFVNGQATK	AGAP007519-PA	-	58	1.81E-05	1	2882.448	2.14	Ovary	2L:-:47128530-47128456	exon=> In CDS Exon 2 of transcript AGAP007519-PA
JHU_Ag_53657	SLIDEEGFETLYR	AGAP007520-PA	-	81	1.11E-07	1	1571.755	-2.64	Midgut	2L:+:47130860-47130898	exon=> In CDS Exon 3 of transcript AGAP007520-PA
JHU_Ag_95859	RQIEDDR	AGAP007521-PA,AGAP007521-PB	Q2(Deamidated)	36	0.003288087	1	932.442	-1.6	Head	2L:-:47135736-47135716;2L:-:47135736-47135716	exon=> In CDS Exon 3 of transcript AGAP007521-PA;exon=> In CDS Exon 6 of transcript AGAP007521-PB
JHU_Ag_81989	SKLSIHK	AGAP007523-PA	-	31	0.00314216	1	812.500	1.57	Malpighian tubule	2L:+:47186006-47186016,47186160-47186169	exon=> In CDS Exon 11 and 12 of transcript AGAP007523-PA
JHU_Ag_928	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	60	1.20E-05	1	1209.613	1.6	Pupa	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB

JHU_Ag_942	SKQQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	118	2.69E-11	1	1915.974	0.84	Malpighian tubule	2L:+:47183455-47183505;2L:+:47183455-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_1238	NSFNDPATQAEWTQK	AGAP007523-PA,AGAP007523-PB	-	41	0.001025 34	2	1736.788	0.21	Ovary	2L:+:47150051-47150095;2L:+:47150051-47150095	exon=> In CDS Exon 1 of transcript AGAP007523-PA;exon=> In CDS Exon 1 of transcript AGAP007523-PB
JHU_Ag_1901	LQINIQDLEEQLEEEEAAR	AGAP007523-PA,AGAP007523-PB	-	151	1.61E-14	1	2270.120	2.29	Malpighian tubule	2L:+:47182533-47182589;2L:+:47182533-47182589	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_2177	LQINIQDLEEQLEEEEAAR	AGAP007523-PA,AGAP007523-PB	-	139	2.10E-13	2	2270.119	1.84	Head	2L:+:47182533-47182589;2L:+:47182533-47182589	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_3077	NFDKVLAEEK	AGAP007523-PA,AGAP007523-PB	-	49	0.000210 696	2	1192.624	2.46	Malpighian tubule	2L:+:47184438-47184467;2L:+:47184438-47184467	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_3245	IQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	65	5.52E-06	2	1860.917	-0.71	Male reproductive organs	2L:+:47184357-47184404;2L:+:47184357-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_3314	KQELEELMQDLESR	AGAP007523-PA,AGAP007523-PB	-	47	0.000342 853	1	1747.850	-1.99	Pupa	2L:+:47182440-47182481;2L:+:47182440-47182481	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_3424	HAQEISSINEQLENLK	AGAP007523-PA,AGAP007523-PB	-	130	1.45E-12	1	1852.954	7.64	Ovary	2L:+:47183383-47183430;2L:+:47183383-47183430	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_3457	AQNEELEDDLQLTEDAK	AGAP007523-PA,AGAP007523-PB	-	112	8.04E-11	2	1960.901	1.16	Ovary	2L:+:47184795-47184845;2L:+:47184795-47184845	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_3993	IAALEEELEEEQSNLELMVDR	AGAP007523-PA,AGAP007523-PB	M18(Oxidation)	86	3.74E-08	1	2476.182	2.51	Head	2L:+:47185371-47185433;2L:+:47185371-47185433	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_4043	FILDDVK	AGAP007523-PA,AGAP007523-PB	-	43	0.000555 393	2	849.472	0.33	Midgut	2L:+:47180610-47180630;2L:+:47180610-47180630	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_4113	QQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	85	5.27E-08	1	1700.846	0.27	Salivary gland	2L:+:47183461-47183505;2L:+:47183461-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_4190	QIQELQAANDRLDK	AGAP007523-PA,AGAP007523-PB	-	90	1.44E-08	1	1641.855	-0.54	Head	2L:+:47184303-47184344;2L:+:47184303-47184344	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_4839	QAETQIAELQVK	AGAP007523-PA,AGAP007523-PB	-	46	0.000280 706	1	1357.738	4.04	Ovary	2L:+:47183548-47183577,47183838-47183885;2L:+:47183548-47183577,47183838-47183885	exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PB
JHU_Ag_5018	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	80	3.64E-08	2	1252.726	-0.03	Midgut	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_5462	IAALEEELEEEQSNLELMVDR	AGAP007523-PA,AGAP007523-PB	M18(Oxidation)	178	2.41E-17	1	2476.181	1.92	Malpighian tubule	2L:+:47185371-47185433;2L:+:47185371-47185433	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_6486	IQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	65	4.53E-06	1	1860.927	4.27	Ovary	2L:+:47184357-47184404;2L:+:47184357-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB

JHU_Ag_7317	NLDEAEEEIQK	AGAP007523-PA,AGAP007523-PB	-	59	1.50E-05	2	1317.615	-1.62	Pupa	2L:+:47185883-47185915;2L:+:47185883-47185915	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB
JHU_Ag_7932	TFHIFYQLLAGASPEQR	AGAP007523-PA,AGAP007523-PB	-	46	0.000305258	1	1978.017	-0.72	Pupa	2L:+:47180553-47180603;2L:+:47180553-47180603	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_7944	VLVLKDDIQK	AGAP007523-PA,AGAP007523-PB	-	47	6.89E-05	1	1170.710	0.49	Salivary gland	2L:+:47154931-47154960;2L:+:47154931-47154960	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_8089	NELLDSLDTTAAQQELR	AGAP007523-PA,AGAP007523-PB	-	96	4.66E-09	1	1916.965	4.61	Head	2L:+:47183148-47183181,47183273-47183289;2L:+:47183148-47183181,47183273-47183289	exon=> In CDS Exon 7 and 8 of transcript AGAP007523-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP007523-PB
JHU_Ag_8145	IQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	120	1.52E-11	2	1860.919	-0.06	Midgut	2L:+:47184357-47184404;2L:+:47184357-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_8995	NLDEAEEEIQKEK	AGAP007523-PA,AGAP007523-PB	-	82	9.82E-08	2	1574.756	0.97	Salivary gland	2L:+:47185883-47185921;2L:+:47185883-47185921	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB
JHU_Ag_9147	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	51	0.000109793	2	1209.613	1.7	Malpighian tubule	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_9383	DLEAELDEER	AGAP007523-PA,AGAP007523-PB	-	94	2.83E-09	1	1218.552	2.49	Salivary gland	2L:+:47184957-47184986;2L:+:47184957-47184986	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_9418	ELESQLAEIQEDLEAEK	AGAP007523-PA,AGAP007523-PB	-	84	7.52E-08	2	1973.957	1.02	Midgut	2L:+:47183034-47183084;2L:+:47183034-47183084	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_9875	ALESQLAELK	AGAP007523-PA,AGAP007523-PB	-	81	1.16E-07	1	1101.616	0.41	Pupa	2L:+:47184765-47184794;2L:+:47184765-47184794	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_9917	HADQYKEQIEK	AGAP007523-PA,AGAP007523-PB	-	79	1.79E-07	1	1388.680	-0.38	Pupa	2L:+:47185749-47185781;2L:+:47185749-47185781	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_10325	TLEDESANHESTLMDMR	AGAP007523-PA,AGAP007523-PB	M14(Oxidation), M16(Oxidation)	70	3.57E-07	1	2010.837	-0.53	Malpighian tubule	2L:+:47183326-47183376;2L:+:47183326-47183376	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_10484	GERGDEVEVELAETGK	AGAP007523-PA,AGAP007523-PB	-	118	2.57E-11	1	1717.828	2.36	Head	2L:+:47154880-47154927;2L:+:47154880-47154927	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_10740	HAQEISSINEQLENLK	AGAP007523-PA,AGAP007523-PB	-	62	8.13E-06	2	1852.940	-0.2	Salivary gland	2L:+:47183383-47183430;2L:+:47183383-47183430	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_10761	ELDEAFEKIDELETK	AGAP007523-PA,AGAP007523-PB	-	122	1.07E-11	1	1808.884	2.06	Salivary gland	2L:+:47184555-47184599;2L:+:47184555-47184599	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_11605	DLEAELDEERK	AGAP007523-PA,AGAP007523-PB	-	63	7.90E-06	1	1346.650	4.98	Midgut	2L:+:47184957-47184989;2L:+:47184957-47184989	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_11977	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	37	0.002297259	2	1209.618	6.14	Larva	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB

JHU_Ag_12179	NLDEAEEEIQKEK	AGAP007523-PA,AGAP007523-PB	-	107	3.26E-10	1	1574.754	-0.19	Pupa	2L:+:47185883-47185921;2L:+:47185883-47185921	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB
JHU_Ag_12487	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	125	4.96E-12	1	2116.043	1.06	Pupa	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_12807	ITDLIVNFQAFCR	AGAP007523-PA,AGAP007523-PB	C12(Carbamidomethyl)	99	1.65E-09	1	1596.823	1.92	Salivary gland	2L:+:47182047-47182085;2L:+:47182047-47182085	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_12867	AAEGERDELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	40	0.001453 05	1	2090.984	0.31	Pupa	2L:+:47185272-47185328;2L:+:47185272-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_13662	EEELAQTLVR	AGAP007523-PA,AGAP007523-PB	-	53	7.88E-05	2	1187.629	2.31	Malpighian tubule	2L:+:47182956-47182985;2L:+:47182956-47182985	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_13751	LQQLNAIR	AGAP007523-PA,AGAP007523-PB	-	50	6.39E-05	2	955.571	2.26	Salivary gland	2L:+:47182119-47182142;2L:+:47182119-47182142	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_14084	VKPLLEVTKQEEK	AGAP007523-PA,AGAP007523-PB	-	35	0.000980 306	1	1540.897	1.44	Salivary gland	2L:+:47182212-47182250;2L:+:47182212-47182250	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_14206	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	138	2.44E-13	2	2346.148	2.75	Head	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_14827	AQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	74	3.71E-07	2	1788.960	0.69	Male reproductive organs	2L:+:47185443-47185490;2L:+:47185443-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_14879	HAQEISSINEQLENLK	AGAP007523-PA,AGAP007523-PB	Q3(Deamidated)	130	1.62E-12	1	1852.934	-3.04	Head	2L:+:47183383-47183430;2L:+:47183383-47183430	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_15595	DAEIVGMAQQALTDTQFGAR	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	105	5.89E-10	1	2138.027	4.1	Salivary gland	2L:+:47181564-47181623;2L:+:47181564-47181623	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_15853	IQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	129	2.09E-12	1	1860.922	1.84	Malpighian tubule	2L:+:47184357-47184404;2L:+:47184357-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_16005	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	112	1.05E-10	2	2346.148	2.33	Midgut	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_16712	LQQLNAIR	AGAP007523-PA,AGAP007523-PB	-	39	0.000784 025	2	955.568	-0.29	Pupa	2L:+:47182119-47182142;2L:+:47182119-47182142	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_16778	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	38	0.000450 192	1	1550.900	3.66	Malpighian tubule	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_17044	GVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	46	0.000396 313	2	1333.693	2.21	Larva	2L:+:47181414-47181452;2L:+:47181414-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_17160	HESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	41	0.001086 951	2	1313.637	3.15	Ovary	2L:+:47182785-47182817;2L:+:47182785-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_17319	NLDEAEEEIQKEK	AGAP007523-PA,AGAP007523-PB	-	106	3.51E-10	1	1574.761	4.3	Malpighian tubule	2L:+:47185883-47185921;2L:+:47185883-47185921	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB

JHU_Ag_18677	KMEEDVALIEDQNHK	AGAP007523-PA,AGAP007523-PB	M2(Oxidation)	45	0.000432419	2	1814.859	-0.03	Head	2L:+:47182635-47182679;2L:+:47182635-47182679	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_18757	LVQKEDELR	AGAP007523-PA,AGAP007523-PB	-	34	0.005598973	1	1129.625	2.95	Malpighian tubule	2L:+:47182251-47182277;2L:+:47182251-47182277	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_18934	MEEDVALIEDQNHK	AGAP007523-PA,AGAP007523-PB	M1(Oxidation)	57	1.92E-05	1	1686.765	0.46	Salivary gland	2L:+:47182638-47182679;2L:+:47182638-47182679	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_19624	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	96	7.68E-10	1	1550.899	3.04	Larva	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_20477	ANDLSQTLAEEEEK	AGAP007523-PA,AGAP007523-PB	-	99	1.69E-09	2	1576.737	1.74	Malpighian tubule	2L:+:47182713-47182754;2L:+:47182713-47182754	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_20600	ELDEAFEKIDELETK	AGAP007523-PA,AGAP007523-PB	-	58	2.82E-05	2	1808.880	0.1	Male reproductive organs	2L:+:47184555-47184599;2L:+:47184555-47184599	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_20728	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	105	4.90E-10	2	2116.039	-0.78	Male reproductive organs	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_20747	AQNEELEDDLQLTEDAK	AGAP007523-PA,AGAP007523-PB	-	56	3.13E-05	2	1960.898	0.1	Midgut	2L:+:47184795-47184845;2L:+:47184795-47184845	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_20854	VKHESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	102	7.36E-10	1	1540.799	1.62	Salivary gland	2L:+:47182779-47182817;2L:+:47182779-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_21154	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	83	1.82E-08	1	1252.731	4.26	Ovary	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_21218	TFHIFYQLLAGASPEQR	AGAP007523-PA,AGAP007523-PB	-	47	0.000264046	1	1978.016	-1	Ovary	2L:+:47180553-47180603;2L:+:47180553-47180603	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_21266	KLQINIQDLEEQLEEEEAAR	AGAP007523-PA,AGAP007523-PB	-	83	5.89E-08	1	2398.222	5.2	Malpighian tubule	2L:+:47182530-47182589;2L:+:47182530-47182589	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_21325	LAELNFTIQEMK	AGAP007523-PA,AGAP007523-PB	M11(Oxidation)	49	0.000191082	2	1452.740	-0.14	Salivary gland	2L:+:47184180-47184215;2L:+:47184180-47184215	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_21367	IQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	119	1.84E-11	2	1860.923	2.11	Pupa	2L:+:47184357-47184404;2L:+:47184357-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_21667	ELDEAFEKIDELETK	AGAP007523-PA,AGAP007523-PB	-	90	1.42E-08	1	1808.884	2.13	Pupa	2L:+:47184555-47184599;2L:+:47184555-47184599	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_21752	TLEADLMQLTEDLSSSER	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	126	3.38E-12	1	2053.954	-2.49	Malpighian tubule	2L:+:47185209-47185262;2L:+:47185209-47185262	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_22803	NSFNDPATQAEWTQK	AGAP007523-PA,AGAP007523-PB	-	108	2.10E-10	2	1736.787	-0.14	Head	2L:+:47150051-47150095;2L:+:47150051-47150095	exon=> In CDS Exon 1 of transcript AGAP007523-PA;exon=> In CDS Exon 1 of transcript AGAP007523-PB
JHU_Ag_22991	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	135	4.72E-13	1	2346.145	1.29	Malpighian tubule	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB

JHU_Ag_23095	RVLVLK	AGAP007523-PA,AGAP007523-PB	-	20	0.007064 77	1	727.519	-0.01	Midgut	2L:+:47154928-47154945;2L:+:47154928-47154945	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_23197	LPIYTEK	AGAP007523-PA,AGAP007523-PB	-	33	0.003460 901	1	863.485	-3	Pupa	2L:+:47170086-47170106;2L:+:47170086-47170106	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_23269	VKHESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	87	2.85E-08	1	1540.801	2.72	Midgut	2L:+:47182779-47182817;2L:+:47182779-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_23352	DLEAELDEER	AGAP007523-PA,AGAP007523-PB	-	60	7.46E-06	2	1218.553	3.9	Midgut	2L:+:47184957-47184986;2L:+:47184957-47184986	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_23395	AAEGERDELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	126	4.25E-12	1	2090.984	0.2	Malpighian tubule	2L:+:47185272-47185328;2L:+:47185272-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_24085	KQAETQIAELQVK	AGAP007523-PA,AGAP007523-PB	-	70	7.35E-07	1	1485.836	6.08	Malpighian tubule	2L:+:47183545-47183577,47183880-47183885;2L:+:47183545-47183577,47183880-47183885	exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PB
JHU_Ag_24250	GDEVEVELAETGKR	AGAP007523-PA,AGAP007523-PB	-	81	1.31E-07	1	1531.765	3.11	Salivary gland	2L:+:47154889-47154930;2L:+:47154889-47154930	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_24903	DLEAELDEER	AGAP007523-PA,AGAP007523-PB	-	48	0.000114 363	2	1218.550	1.39	Ovary	2L:+:47184957-47184986;2L:+:47184957-47184986	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_24929	AQNEELEDDLQLTEDAK	AGAP007523-PA,AGAP007523-PB	-	86	3.10E-08	2	1960.898	-0.27	Male reproductive organs	2L:+:47184795-47184845;2L:+:47184795-47184845	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_25124	AISEQVAQER	AGAP007523-PA,AGAP007523-PB	-	70	1.77E-06	2	1130.579	-0.61	Head	2L:+:47184468-47184497;2L:+:47184468-47184497	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_25399	AQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	117	1.57E-11	2	1788.967	4.58	Head	2L:+:47185443-47185490;2L:+:47185443-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_25849	AKLSEQETALR	AGAP007523-PA,AGAP007523-PB	-	45	0.000445 999	1	1245.679	-0.64	Pupa	2L:+:47185554-47185586;2L:+:47185554-47185586	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_26018	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	46	0.000346 909	2	1209.612	0.69	Head	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_26485	REEELAQTLVR	AGAP007523-PA,AGAP007523-PB	-	66	3.60E-06	1	1343.730	1.37	Malpighian tubule	2L:+:47182953-47182985;2L:+:47182953-47182985	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_26728	LAAAHSMHPK	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	41	0.001299 321	1	1078.546	-0.42	Salivary gland	2L:+:47181363-47181392;2L:+:47181363-47181392	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_27081	GLQNELDELANTQGTADKNVHELEK	AGAP007523-PA,AGAP007523-PB	-	73	6.83E-07	1	2766.361	2.42	Head	2L:+:47184606-47184644,47184720-47184755;2L:+:47184606-47184644,47184720-47184755	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB

JHU_Ag_27136	DIQAKEEQSEEK	AGAP007523-PA,AGAP007523-PB	-	33	0.006994013	1	1433.676	0.31	Salivary gland	2L:+:47184894-47184929;2L:+:47184894-47184929	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_27509	HEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	47	0.000269971	1	1852.935	0.49	Midgut	2L:+:47170137-47170184;2L:+:47170137-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_27614	HESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	49	0.000137462	2	1313.617	-12.18	Malpighian tubule	2L:+:47182785-47182817;2L:+:47182785-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_27663	GLQNELDELANTQGTADK	AGAP007523-PA,AGAP007523-PB	-	96	3.75E-09	1	1916.922	1.36	Salivary gland	2L:+:47184606-47184644,47184720-47184734;2L:+:47184606-47184644,47184720-47184734	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB
JHU_Ag_27968	HAQEISSINEQLENLKK	AGAP007523-PA,AGAP007523-PB	-	114	4.37E-11	1	1981.041	3.19	Salivary gland	2L:+:47183383-47183433;2L:+:47183383-47183433	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_28513	NSFNDPATQAEWTQK	AGAP007523-PA,AGAP007523-PB	-	63	7.85E-06	2	1736.794	3.8	Malpighian tubule	2L:+:47150051-47150095;2L:+:47150051-47150095	exon=> In CDS Exon 1 of transcript AGAP007523-PA;exon=> In CDS Exon 1 of transcript AGAP007523-PB
JHU_Ag_28525	TLEADLMQLTEDLSSSER	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	122	9.60E-12	1	2053.967	3.81	Ovary	2L:+:47185209-47185262;2L:+:47185209-47185262	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_28581	AISEQVAQER	AGAP007523-PA,AGAP007523-PB	-	69	2.29E-06	2	1130.582	1.44	Salivary gland	2L:+:47184468-47184497;2L:+:47184468-47184497	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_28709	KIQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	98	2.09E-09	2	1989.024	5.16	Malpighian tubule	2L:+:47184354-47184404;2L:+:47184354-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_28863	IEEEEERVNALTSEK	AGAP007523-PA,AGAP007523-PB	-	50	0.000153694	1	1775.865	-0.47	Malpighian tubule	2L:+:47182482-47182526;2L:+:47182482-47182526	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_29221	INFDASGYISGANIETYLLEK	AGAP007523-PA,AGAP007523-PB	-	43	0.00071218	2	2318.178	9.66	Malpighian tubule	2L:+:47180457-47180519;2L:+:47180457-47180519	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_29858	IPFQEFR	AGAP007523-PA,AGAP007523-PB	-	40	0.001535739	2	936.495	0.85	Pupa	2L:+:47181846-47181866;2L:+:47181846-47181866	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_29867	GVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	88	2.54E-08	1	1333.692	1.75	Head	2L:+:47181414-47181452;2L:+:47181414-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_29898	AQNEELEDDLQLTEDAK	AGAP007523-PA,AGAP007523-PB	-	129	1.48E-12	1	1960.894	-1.95	Head	2L:+:47184795-47184845;2L:+:47184795-47184845	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_30147	NWQWWR	AGAP007523-PA,AGAP007523-PB	-	34	0.005613269	1	975.460	1.24	Malpighian tubule	2L:+:47182182-47182199;2L:+:47182182-47182199	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_30169	DELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	87	3.57E-08	1	1477.710	5.61	Salivary gland	2L:+:47185290-47185328;2L:+:47185290-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_30824	DAIRDAEEAK	AGAP007523-PA,AGAP007523-PB	-	41	0.001170081	2	1117.550	1.35	Head	2L:+:47185125-47185154;2L:+:47185125-47185154	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_30945	TFHIFYQLLAGASPEQR	AGAP007523-PA,AGAP007523-PB	-	54	4.95E-05	1	1978.016	-0.91	Midgut	2L:+:47180553-47180603;2L:+:47180553-47180603	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_30951	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	110	2.92E-11	1	1550.896	1.07	Pupa	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_31690	IETEVADLKEQINER	AGAP007523-PA,AGAP007523-PB	-	42	0.000884566	1	1786.917	-0.63	Salivary gland	2L:+:47182869-47182913;2L:+:47182869-47182913	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_31826	AQNEELEDDLQLTEDAK	AGAP007523-PA,AGAP007523-PB	-	132	7.20E-13	1	1960.897	-0.89	Salivary gland	2L:+:47184795-47184845;2L:+:47184795-47184845	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_32018	LQQLNAIR	AGAP007523-PA,AGAP007523-PB	-	38	0.000982494	2	955.569	0.28	Ovary	2L:+:47182119-47182142;2L:+:47182119-47182142	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_33170	AISEQVAQER	AGAP007523-PA,AGAP007523-PB	-	66	4.52E-06	2	1130.579	-0.93	Malpighian tubule	2L:+:47184468-47184497;2L:+:47184468-47184497	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_33692	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	27	0.006130026	1	1550.895	0.82	Ovary	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_34274	LQQESENITQQLDEAELKASAAIK	AGAP007523-PA,AGAP007523-PB	-	94	4.28E-09	1	2657.378	5.65	Malpighian tubule	2L:+:47183937-47184008;2L:+:47183937-47184008	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_35960	FILDDVK	AGAP007523-PA,AGAP007523-PB	-	44	0.000446273	2	849.472	0.11	Pupa	2L:+:47180610-47180630;2L:+:47180610-47180630	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_36000	SKQQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	100	1.64E-09	2	1915.981	4.93	Salivary gland	2L:+:47183455-47183505;2L:+:47183455-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_36292	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	60	1.27E-05	2	1209.611	0.08	Salivary gland	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_36383	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	112	1.02E-10	2	2346.151	3.68	Visceras	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_36602	ANDLSQTLAEEEEK	AGAP007523-PA,AGAP007523-PB	-	104	4.88E-10	1	1576.736	1.12	Head	2L:+:47182713-47182754;2L:+:47182713-47182754	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_36668	AGVLAHLEEER	AGAP007523-PA,AGAP007523-PB	-	76	3.12E-07	1	1223.635	-2.36	Head	2L:+:47182005-47182037;2L:+:47182005-47182037	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_36749	EALQEQLEEDEEAK	AGAP007523-PA,AGAP007523-PB	-	76	2.42E-07	2	1660.753	-1.23	Head	2L:+:47184120-47184161;2L:+:47184120-47184161	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_37259	QGFPNRIPFQEFR	AGAP007523-PA,AGAP007523-PB	-	37	0.003114094	1	1635.843	2.37	Malpighian tubule	2L:+:47181828-47181866;2L:+:47181828-47181866	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_37339	NSDQATLPDNTVAQK	AGAP007523-PA,AGAP007523-PB	-	73	8.32E-07	2	1601.776	-0.21	Pupa	2L:+:47180811-47180855;2L:+:47180811-47180855	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_37671	EQVEFAVEAIAK	AGAP007523-PA,AGAP007523-PB	Q2(Deamidated)	58	2.69E-05	2	1333.699	-0.64	Salivary gland	2L:+:47180958-47180993;2L:+:47180958-47180993	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB

JHU_Ag_37776	NSDQATLPDNTVAQK	AGAP007523-PA,AGAP007523-PB	-	41	0.001218406	2	1601.781	2.54	Male reproductive organs	2L:+:47180811-47180855;2L:+:47180811-47180855	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_37867	SAGNLESQLTEAQQLLEEETRQK	AGAP007523-PA,AGAP007523-PB	-	81	1.02E-07	1	2602.315	7.54	Malpighian tubule	2L:+:47184009-47184077;2L:+:47184009-47184077	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_38458	EALQEQLEEDEEAK	AGAP007523-PA,AGAP007523-PB	-	96	2.67E-09	1	1660.761	3.4	Malpighian tubule	2L:+:47184120-47184161;2L:+:47184120-47184161	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_38469	ANDLSQTLAEEEEKAK	AGAP007523-PA,AGAP007523-PB	-	73	8.48E-07	1	1775.868	0.99	Male reproductive organs	2L:+:47182713-47182760;2L:+:47182713-47182760	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_38738	IAHLLGLNVTDMTK	AGAP007523-PA,AGAP007523-PB	M12(Oxidation)	39	0.001044229	2	1541.843	4.96	Malpighian tubule	2L:+:47180856-47180897;2L:+:47180856-47180897	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_38869	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	87	5.54E-09	1	1550.896	0.91	Male reproductive organs	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_39658	QIQELQAANDRLDK	AGAP007523-PA,AGAP007523-PB	-	93	6.81E-09	1	1641.858	1.69	Salivary gland	2L:+:47184303-47184344;2L:+:47184303-47184344	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_39743	EDQSILCTGESGAGK	AGAP007523-PA,AGAP007523-PB	C7(Carbamidomethyl)	51	9.36E-05	1	1551.698	1.57	Salivary gland	2L:+:47173543-47173587;2L:+:47173543-47173587	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_40604	ELESQLAEIQEDLEAEK	AGAP007523-PA,AGAP007523-PB	-	45	0.000579844	2	1973.955	-0.28	Pupa	2L:+:47183034-47183084;2L:+:47183034-47183084	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_40780	AAKEELAAISK	AGAP007523-PA,AGAP007523-PB	-	83	6.51E-08	1	1130.641	-0.85	Pupa	2L:+:47185155-47185187;2L:+:47185155-47185187	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_40829	LVQKEDELR	AGAP007523-PA,AGAP007523-PB	-	47	0.000296839	1	1129.622	0.69	Salivary gland	2L:+:47182251-47182277;2L:+:47182251-47182277	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_41135	SMNIMGMTSEDFNSIFR	AGAP007523-PA,AGAP007523-PB	M2(Oxidation), M5(Oxidation), M7(Oxidation)	67	1.17E-06	2	2027.860	4.41	Salivary gland	2L:+:47180709-47180759;2L:+:47180709-47180759	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_41217	LSEQETALR	AGAP007523-PA,AGAP007523-PB	-	92	1.15E-08	2	1046.547	-0.87	Malpighian tubule	2L:+:47185560-47185586;2L:+:47185560-47185586	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_41487	TLEADLMQLTEDLSSSER	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	71	1.03E-06	2	2053.966	2.98	Head	2L:+:47185209-47185262;2L:+:47185209-47185262	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_41608	REEELAQTLVR	AGAP007523-PA,AGAP007523-PB	-	76	3.55E-07	1	1343.726	-1.36	Head	2L:+:47182953-47182985;2L:+:47182953-47182985	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_42038	QQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	73	8.04E-07	1	1700.851	3.5	Ovary	2L:+:47183461-47183505;2L:+:47183461-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_42178	RHEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	92	7.53E-09	1	2009.042	3.26	Malpighian tubule	2L:+:47170134-47170184;2L:+:47170134-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_42397	IDELETK	AGAP007523-PA,AGAP007523-PB	-	50	0.000195641	2	847.442	1.3	Salivary gland	2L:+:47184579-47184599;2L:+:47184579-47184599	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB

JHU_Ag_42542	IPFQEFR	AGAP007523-PA,AGAP007523-PB	-	50	0.000145669	2	936.493	-1.37	Visceras	2L:+:47181846-47181866;2L:+:47181846-47181866	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_43033	LEVNMQALR	AGAP007523-PA,AGAP007523-PB	-	41	0.001358689	2	1073.575	-1.76	Malpighian tubule	2L:+:47184852-47184878;2L:+:47184852-47184878	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_43074	GVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	74	6.20E-07	1	1333.691	0.56	Pupa	2L:+:47181414-47181452;2L:+:47181414-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_43394	QAETQIAELQVK	AGAP007523-PA,AGAP007523-PB	-	40	0.000994773	2	1357.734	1.25	Pupa	2L:+:47183548-47183577,47183880-47183885;2L:+:47183548-47183577,47183880-47183885	exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PB
JHU_Ag_43628	KAQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	106	1.15E-10	1	1917.057	1.63	Malpighian tubule	2L:+:47185440-47185490;2L:+:47185440-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_45132	LLKDHQQR	AGAP007523-PA,AGAP007523-PB	-	41	0.000517394	1	1037.585	-0.43	Salivary gland	2L:+:47182818-47182841;2L:+:47182818-47182841	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_45669	RNLDEAEEEIQK	AGAP007523-PA,AGAP007523-PB	-	74	6.74E-07	1	1473.715	-2.06	Head	2L:+:47185880-47185915;2L:+:47185880-47185915	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB
JHU_Ag_45726	KQELEELMQDLESR	AGAP007523-PA,AGAP007523-PB	M8(Oxidation)	121	1.32E-11	2	1763.853	2.61	Salivary gland	2L:+:47182440-47182481;2L:+:47182440-47182481	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_45965	AAKEELAAISK	AGAP007523-PA,AGAP007523-PB	-	64	4.83E-06	1	1130.643	1.53	Salivary gland	2L:+:47185155-47185187;2L:+:47185155-47185187	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_46025	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	99	4.87E-10	2	1252.728	1.53	Head	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_46084	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	95	1.00E-09	1	1550.894	0.12	Midgut	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_46330	TLEADLMQLTEDLSSSER	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	126	3.27E-12	1	2053.967	3.69	Salivary gland	2L:+:47185209-47185262;2L:+:47185209-47185262	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_46726	IQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	105	5.45E-10	1	1860.921	1.19	Head	2L:+:47184357-47184404;2L:+:47184357-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_46747	HEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	72	8.41E-07	1	1852.933	-0.6	Pupa	2L:+:47170137-47170184;2L:+:47170137-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_47012	DAIRDAEEAK	AGAP007523-PA,AGAP007523-PB	-	44	0.000496454	2	1117.548	-0.83	Pupa	2L:+:47185125-47185154;2L:+:47185125-47185154	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_47143	ELTMNIEDERR	AGAP007523-PA,AGAP007523-PB	M4(Oxidation)	34	0.005177317	1	1421.668	-0.83	Malpighian tubule	2L:+:47185716-47185748;2L:+:47185716-47185748	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_47647	DLNEELEALKNELLDSLDTTAAQQELR	AGAP007523-PA,AGAP007523-PB	-	77	2.29E-07	1	3071.554	5.05	Ovary	2L:+:47183118-47183181,47183273-47183289;2L:+:47183118-47183181,47183273-47183289	exon=> In CDS Exon 7 and 8 of transcript AGAP007523-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP007523-PB
JHU_Ag_48335	AAKEELAAISK	AGAP007523-PA,AGAP007523-PB	-	71	8.85E-07	1	1130.642	0.23	Male reproductive organs	2L:+:47185155-47185187;2L:+:47185155-47185187	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_48567	NSFNDPATQAEWTQKR	AGAP007523-PA,AGAP007523-PB	-	35	0.005150434	1	1892.897	4.35	Malpighian tubule	2L:+:47150051-47150098;2L:+:47150051-47150098	exon=> In CDS Exon 1 of transcript AGAP007523-PA;exon=> In CDS Exon 1 of transcript AGAP007523-PB
JHU_Ag_48719	GVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	96	4.10E-09	1	1333.691	0.65	Midgut	2L:+:47181414-47181452;2L:+:47181414-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_48869	AGVLAHLEEER	AGAP007523-PA,AGAP007523-PB	-	58	2.11E-05	1	1223.638	0.14	Pupa	2L:+:47182005-47182037;2L:+:47182005-47182037	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_48963	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	153	8.25E-15	1	2346.149	3.16	Ovary	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_49277	AQTREQVEFAVEAIAK	AGAP007523-PA,AGAP007523-PB	-	41	0.000830333	1	1789.949	2.39	Malpighian tubule	2L:+:47180946-47180993;2L:+:47180946-47180993	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_49968	EALQEQLEEDEEAK	AGAP007523-PA,AGAP007523-PB	-	78	1.73E-07	1	1660.755	0.09	Midgut	2L:+:47184120-47184161;2L:+:47184120-47184161	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_50438	RVLVLK	AGAP007523-PA,AGAP007523-PB	-	19	0.008224283	1	727.521	2.85	Ovary	2L:+:47154928-47154945;2L:+:47154928-47154945	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_50796	AQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	102	6.69E-10	2	1788.961	1.1	Pupa	2L:+:47185443-47185490;2L:+:47185443-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_50880	AQNEELEDDLQLTEDAK	AGAP007523-PA,AGAP007523-PB	-	128	2.13E-12	2	1960.900	0.79	Pupa	2L:+:47184795-47184845;2L:+:47184795-47184845	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_51097	GVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	68	2.57E-06	1	1333.688	-1.63	Ovary	2L:+:47181414-47181452;2L:+:47181414-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_51185	SEEDSDIAKELEESK	AGAP007523-PA,AGAP007523-PB	-	44	0.000422201	1	1708.778	1.01	Salivary gland	2L:+:47184222-47184266;2L:+:47184222-47184266	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_51493	DMEATLEMNNK	AGAP007523-PA,AGAP007523-PB	M8(Oxidation)	55	1.94E-05	2	1311.557	0.92	Head	2L:+:47185041-47185073;2L:+:47185041-47185073	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_53220	AGVLAHLEEER	AGAP007523-PA,AGAP007523-PB	-	83	5.89E-08	1	1223.637	-0.56	Salivary gland	2L:+:47182005-47182037;2L:+:47182005-47182037	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_53512	GVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	88	3.09E-08	1	1333.684	-4.29	Male reproductive organs	2L:+:47181414-47181452;2L:+:47181414-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_53857	AQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	124	4.27E-12	1	1788.959	-0.19	Malpighian tubule	2L:+:47185443-47185490;2L:+:47185443-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_54245	IAHLLGLNVTDMTK	AGAP007523-PA,AGAP007523-PB	M12(Oxidation)	59	9.59E-06	2	1541.843	4.96	Larva	2L:+:47180856-47180897;2L:+:47180856-47180897	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_54411	ITDLIVNFQAFCR	AGAP007523-PA,AGAP007523-PB	C12(Carbamidomethyl)	75	4.32E-07	2	1596.831	6.58	Larva	2L:+:47182047-47182085;2L:+:47182047-47182085	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_54951	YELLTPNVIPK	AGAP007523-PA,AGAP007523-PB	-	51	7.09E-05	2	1286.734	-1.32	Ovary	2L:+:47181873-47181905;2L:+:47181873-47181905	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_55133	AAKEELAAISK	AGAP007523-PA,AGAP007523-PB	-	94	4.15E-09	1	1130.643	0.99	Malpighian tubule	2L:+:47185155-47185187;2L:+:47185155-47185187	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_55759	DAEIVGMAQQALTDTQFGAR	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	48	0.000246602	1	2138.020	0.58	Male reproductive organs	2L:+:47181564-47181623;2L:+:47181564-47181623	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_55880	ALESQLAELK	AGAP007523-PA,AGAP007523-PB	-	60	1.46E-05	2	1101.615	-0.14	Salivary gland	2L:+:47184765-47184794;2L:+:47184765-47184794	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_56126	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	152	8.52E-15	1	2346.144	0.67	Salivary gland	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_56356	NSFNDPATQAEWTQK	AGAP007523-PA,AGAP007523-PB	-	99	2.03E-09	2	1736.789	0.84	Pupa	2L:+:47150051-47150095;2L:+:47150051-47150095	exon=> In CDS Exon 1 of transcript AGAP007523-PA;exon=> In CDS Exon 1 of transcript AGAP007523-PB
JHU_Ag_56711	AAEGERDELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	102	9.90E-10	1	2090.983	-0.38	Head	2L:+:47185272-47185328;2L:+:47185272-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_56934	GLQNELDELANTQGTADKNVHELEK	AGAP007523-PA,AGAP007523-PB	-	98	2.46E-09	1	2766.366	4.14	Salivary gland	2L:+:47184606-47184644,47184720-47184755;2L:+:47184606-47184644,47184720-47184755	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB
JHU_Ag_57082	AKLSEQETALR	AGAP007523-PA,AGAP007523-PB	-	51	0.000108211	1	1245.684	3.57	Malpighian tubule	2L:+:47185554-47185586;2L:+:47185554-47185586	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_57290	LSEQETALR	AGAP007523-PA,AGAP007523-PB	-	42	0.001248166	2	1046.546	-1.57	Salivary gland	2L:+:47185560-47185586;2L:+:47185560-47185586	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_57343	ANDLSQTLAEEEEKAK	AGAP007523-PA,AGAP007523-PB	N2(Deamidated)	76	4.44E-07	1	1775.867	0.57	Midgut	2L:+:47182713-47182760;2L:+:47182713-47182760	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_57604	IPFQEFR	AGAP007523-PA,AGAP007523-PB	-	47	0.000280093	2	936.494	-0.13	Head	2L:+:47181846-47181866;2L:+:47181846-47181866	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_57649	ANDLSQTLAEEEEK	AGAP007523-PA,AGAP007523-PB	-	101	1.02E-09	2	1576.735	0.88	Pupa	2L:+:47182713-47182754;2L:+:47182713-47182754	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_57838	AAEGERDELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	125	5.28E-12	1	2090.993	4.64	Ovary	2L:+:47185272-47185328;2L:+:47185272-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_57936	QAETQIAELQVK	AGAP007523-PA,AGAP007523-PB	-	96	2.96E-09	2	1357.738	4.49	Malpighian tubule	2L:+:47183548-47183577,47183880-47183885;2L:+:47183548-47183577,47183880-47183885	exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP007523-PB
JHU_Ag_58016	VKHESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	49	0.000180389	1	1540.800	1.88	Malpighian tubule	2L:+:47182779-47182817;2L:+:47182779-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_58201	REEELAQTLVR	AGAP007523-PA,AGAP007523-PB	-	50	0.000116462	2	1343.731	2.73	Ovary	2L:+:47182953-47182985;2L:+:47182953-47182985	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_58285	DLNEELEALKNELLDSLDTTAAQQELR	AGAP007523-PA,AGAP007523-PB	-	113	6.10E-11	1	3071.541	1.12	Malpighian tubule	2L:+:47183118-47183181,47183273-47183289;2L:+:47183118-47183181,47183273-47183289	exon=> In CDS Exon 7 and 8 of transcript AGAP007523-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP007523-PB
JHU_Ag_58326	VLVLKDDIQK	AGAP007523-PA,AGAP007523-PB	-	47	6.58E-05	1	1170.710	0.6	Ovary	2L:+:47154931-47154960;2L:+:47154931-47154960	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_58519	IVSAVLLFGSMTFK	AGAP007523-PA,AGAP007523-PB	M11(Oxidation)	73	3.65E-07	1	1528.852	5.01	Ovary	2L:+:47180760-47180801;2L:+:47180760-47180801	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_58599	LQQLFNHTMFILEQEEYQR	AGAP007523-PA,AGAP007523-PB	M9(Oxidation)	107	3.03E-10	1	2483.202	-0.04	Midgut	2L:+:47181162-47181218;2L:+:47181162-47181218	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_58983	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	44	0.000511355	2	1209.611	0.18	Male reproductive organs	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_59011	RHEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	75	4.04E-07	1	2009.039	1.8	Head	2L:+:47170134-47170184;2L:+:47170134-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_59407	YELLTPNVIPK	AGAP007523-PA,AGAP007523-PB	-	45	0.000245088	2	1286.737	1.15	Male reproductive organs	2L:+:47181873-47181905;2L:+:47181873-47181905	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_59519	ELDEAFEKIDELETK	AGAP007523-PA,AGAP007523-PB	-	95	4.63E-09	1	1808.885	2.46	Malpighian tubule	2L:+:47184555-47184599;2L:+:47184555-47184599	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_59691	DLEAELDEERK	AGAP007523-PA,AGAP007523-PB	-	62	8.39E-06	1	1346.647	2.44	Malpighian tubule	2L:+:47184957-47184989;2L:+:47184957-47184989	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_60791	RLQQLNAIR	AGAP007523-PA,AGAP007523-PB	-	51	2.02E-05	2	1111.669	-0.24	Head	2L:+:47182116-47182142;2L:+:47182116-47182142	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_61178	TFHIFYQLLAGASPEQR	AGAP007523-PA,AGAP007523-PB	-	95	3.95E-09	1	1978.034	8.17	Salivary gland	2L:+:47180553-47180603;2L:+:47180553-47180603	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_61380	NSFNDPATQAEWTQK	AGAP007523-PA,AGAP007523-PB	-	66	3.24E-06	2	1736.793	3.3	Male reproductive organs	2L:+:47150051-47150095;2L:+:47150051-47150095	exon=> In CDS Exon 1 of transcript AGAP007523-PA;exon=> In CDS Exon 1 of transcript AGAP007523-PB
JHU_Ag_62390	DAEIVGMAQQALTDTQFGAR	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	137	3.36E-13	1	2138.018	-0.01	Head	2L:+:47181564-47181623;2L:+:47181564-47181623	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB

JHU_Ag_62445	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	100	2.78E-10	1	1550.898	2.72	Head	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB
JHU_Ag_63361	DLEAELDEERK	AGAP007523-PA,AGAP007523-PB	-	62	9.62E-06	1	1346.647	2.62	Head	2L:+:47184957-47184989;2L:+:47184957-47184989	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_63686	EALQEQLEEDEEAK	AGAP007523-PA,AGAP007523-PB	-	82	7.42E-08	1	1660.763	4.94	Salivary gland	2L:+:47184120-47184161;2L:+:47184120-47184161	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_64960	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	128	2.10E-12	1	2116.042	0.6	Salivary gland	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_65540	HEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	93	7.44E-09	1	1852.938	1.97	Salivary gland	2L:+:47170137-47170184;2L:+:47170137-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_66312	RSEEDSDIAK	AGAP007523-PA,AGAP007523-PB	-	37	0.002430024	2	1149.533	-4.48	Head	2L:+:47184219-47184248;2L:+:47184219-47184248	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_66414	DELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	84	6.04E-08	2	1477.704	1.23	Pupa	2L:+:47185290-47185328;2L:+:47185290-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_66657	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	43	0.000682678	2	1209.612	0.39	Ovary	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_67009	IVSAVLLFGSMTFK	AGAP007523-PA,AGAP007523-PB	M11(Oxidation)	53	3.99E-05	1	1528.844	-0.5	Midgut	2L:+:47180760-47180801;2L:+:47180760-47180801	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_67777	INFDASGYISGANIETYLLEK	AGAP007523-PA,AGAP007523-PB	-	105	4.59E-10	1	2318.160	2.28	Salivary gland	2L:+:47180457-47180519;2L:+:47180457-47180519	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_68282	QQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	90	1.44E-08	2	1700.848	1.7	Head	2L:+:47183461-47183505;2L:+:47183461-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_68302	TLEDESANHESTLMDMR	AGAP007523-PA,AGAP007523-PB	M14(Oxidation), M16(Oxidation)	36	0.001077083	3	2010.842	2.2	Head	2L:+:47183326-47183376;2L:+:47183326-47183376	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_68327	QIQELQAANDR	AGAP007523-PA,AGAP007523-PB	-	58	2.10E-05	2	1285.652	1.54	Malpighian tubule	2L:+:47184303-47184335;2L:+:47184303-47184335	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_68523	REEELAQTLVR	AGAP007523-PA,AGAP007523-PB	-	49	0.000158201	1	1343.727	-0.27	Male reproductive organs	2L:+:47182953-47182985;2L:+:47182953-47182985	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_68639	IAHLLGLNVTDMTK	AGAP007523-PA,AGAP007523-PB	M12(Oxidation)	85	2.47E-08	1	1541.842	4.01	Salivary gland	2L:+:47180856-47180897;2L:+:47180856-47180897	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_69106	ELESQLAEIQEDLEAEK	AGAP007523-PA,AGAP007523-PB	-	110	2.10E-10	2	1973.955	0.15	Salivary gland	2L:+:47183034-47183084;2L:+:47183034-47183084	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_69660	ANDLSQTLAEEEEK	AGAP007523-PA,AGAP007523-PB	-	60	1.44E-05	2	1576.736	1.19	Ovary	2L:+:47182713-47182754;2L:+:47182713-47182754	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_70507	HAQEISSINEQLENLK	AGAP007523-PA,AGAP007523-PB	-	145	4.41E-14	1	1852.950	5.46	Malpighian tubule	2L:+:47183383-47183430;2L:+:47183383-47183430	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB

JHU_Ag_71527	LVQKEDELR	AGAP007523-PA,AGAP007523-PB	-	65	4.61E-06	1	1129.621	-0.29	Male reproductive organs	2L:+:47182251-47182277;2L:+:47182251-47182277	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_71631	LQQLNAIR	AGAP007523-PA,AGAP007523-PB	-	34	0.002663126	2	955.571	2.58	Larva	2L:+:47182119-47182142;2L:+:47182119-47182142	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_72384	EQEVATLKK	AGAP007523-PA,AGAP007523-PB	-	35	0.003737437	1	1045.588	-0.41	Malpighian tubule	2L:+:47183299-47183325;2L:+:47183299-47183325	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_72545	YELLTPNVIPK	AGAP007523-PA,AGAP007523-PB	-	54	3.23E-05	1	1286.739	2.57	Salivary gland	2L:+:47181873-47181905;2L:+:47181873-47181905	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_72753	ANDLSQTLAEEEEK	AGAP007523-PA,AGAP007523-PB	-	73	6.84E-07	2	1576.732	-1.05	Male reproductive organs	2L:+:47182713-47182754;2L:+:47182713-47182754	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_73096	AAEGERDELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	54	6.00E-05	1	2090.984	0.31	Male reproductive organs	2L:+:47185272-47185328;2L:+:47185272-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_73922	RHEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	31	0.008593812	1	2009.044	4.3	Ovary	2L:+:47170134-47170184;2L:+:47170134-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_74035	TVSHLYKEQLAK	AGAP007523-PA,AGAP007523-PB	-	36	0.002597066	1	1416.789	3.28	Malpighian tubule	2L:+:47181645-47181680;2L:+:47181645-47181680	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_74049	DAIRDAEEAK	AGAP007523-PA,AGAP007523-PB	-	35	0.004159973	1	1117.557	7.25	Midgut	2L:+:47185125-47185154;2L:+:47185125-47185154	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_74266	NSDQATLPDNTVAQK	AGAP007523-PA,AGAP007523-PB	-	111	1.18E-10	1	1601.780	2	Malpighian tubule	2L:+:47180811-47180855;2L:+:47180811-47180855	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_74280	YELLTPNVIPK	AGAP007523-PA,AGAP007523-PB	-	43	0.000356966	2	1286.739	2.85	Midgut	2L:+:47181873-47181905;2L:+:47181873-47181905	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_74858	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	100	1.63E-09	2	2346.154	5.14	Pupa	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_76198	LMDTLRNTNPNFVR	AGAP007523-PA,AGAP007523-PB	M2(Oxidation)	38	0.002245756	1	1706.869	2.54	Malpighian tubule	2L:+:47181681-47181722;2L:+:47181681-47181722	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_76257	AQLTIEQLTTELATEKSNSQNNETLK	AGAP007523-PA,AGAP007523-PB	-	63	5.20E-06	1	2904.479	-0.27	Malpighian tubule	2L:+:47185443-47185520;2L:+:47185443-47185520	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_76772	NLDEAEEEIQK	AGAP007523-PA,AGAP007523-PB	-	67	2.22E-06	2	1317.622	3.57	Malpighian tubule	2L:+:47185883-47185915;2L:+:47185883-47185915	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB
JHU_Ag_76923	NLDEAEEEIQKEK	AGAP007523-PA,AGAP007523-PB	-	62	8.76E-06	1	1574.755	0.04	Male reproductive organs	2L:+:47185883-47185921;2L:+:47185883-47185921	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB
JHU_Ag_78209	ELESQLAEIQEDLEAEK	AGAP007523-PA,AGAP007523-PB	-	143	9.63E-14	1	1973.961	2.93	Malpighian tubule	2L:+:47183034-47183084;2L:+:47183034-47183084	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_78552	ALESQLAELK	AGAP007523-PA,AGAP007523-PB	-	47	0.000278527	2	1101.615	-0.47	Midgut	2L:+:47184765-47184794;2L:+:47184765-47184794	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_80974	ANDLSQTLAEEEEKAK	AGAP007523-PA,AGAP007523-PB	-	64	6.08E-06	1	1775.867	0.77	Malpighian tubule	2L:+:47182713-47182760;2L:+:47182713-47182760	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_81281	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	88	6.24E-09	2	1252.728	1.63	Pupa	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_81339	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	75	1.02E-07	2	1252.731	4.16	Larva	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_81356	IVSAVLLFGSMTFK	AGAP007523-PA,AGAP007523-PB	M11(Oxidation)	66	1.95E-06	2	1528.851	4.45	Pupa	2L:+:47180760-47180801;2L:+:47180760-47180801	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_81486	LVWVPHESQGFVAASIK	AGAP007523-PA,AGAP007523-PB	-	74	2.88E-07	1	1868.015	4.47	Salivary gland	2L:+:47150099-47150125,47154856-47154879;2L:+:47150099-47150125,47154856-47154879	exon=> In CDS Exon 1 and 2 of transcript AGAP007523-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP007523-PB
JHU_Ag_81560	ELESQLAEIQEDLEAEK	AGAP007523-PA,AGAP007523-PB	-	116	5.33E-11	1	1973.954	-0.53	Head	2L:+:47183034-47183084;2L:+:47183034-47183084	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_81613	LVWVPHESQGFVAASIK	AGAP007523-PA,AGAP007523-PB	-	42	0.000505391	1	1868.008	1	Pupa	2L:+:47150099-47150125,47154856-47154879;2L:+:47150099-47150125,47154856-47154879	exon=> In CDS Exon 1 and 2 of transcript AGAP007523-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP007523-PB
JHU_Ag_81623	YELLTPNVIPK	AGAP007523-PA,AGAP007523-PB	-	43	0.000336651	2	1286.742	4.85	Malpighian tubule	2L:+:47181873-47181905;2L:+:47181873-47181905	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_82010	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	138	2.48E-13	1	2116.048	3.37	Ovary	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_82542	AGVLAHLEEER	AGAP007523-PA,AGAP007523-PB	-	43	0.000589212	1	1223.637	-0.5	Malpighian tubule	2L:+:47182005-47182037;2L:+:47182005-47182037	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_83466	SLELDSNLYR	AGAP007523-PA,AGAP007523-PB	-	46	0.000303195	2	1209.610	-1.03	Midgut	2L:+:47181948-47181977;2L:+:47181948-47181977	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_83714	IEEEEERVNALTSEK	AGAP007523-PA,AGAP007523-PB	-	98	2.52E-09	1	1775.868	1.47	Salivary gland	2L:+:47182482-47182526;2L:+:47182482-47182526	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_83861	KQELEELMQDLESR	AGAP007523-PA,AGAP007523-PB	M8(Oxidation)	74	6.42E-07	1	1763.851	1.6	Malpighian tubule	2L:+:47182440-47182481;2L:+:47182440-47182481	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_84072	IVSAVLLFGSMTFK	AGAP007523-PA,AGAP007523-PB	M11(Oxidation)	59	1.06E-05	1	1528.840	-2.66	Salivary gland	2L:+:47180760-47180801;2L:+:47180760-47180801	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB

JHU_Ag_84415	GLQNELDELANTQGTADK	AGAP007523-PA,AGAP007523-PB	-	121	1.38E-11	1	1916.922	1.42	Malpighian tubule	2L:+:47184606-47184644,47184720-47184734;2L:+:47184606-47184644,47184720-47184734	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB
JHU_Ag_84699	LQINIQDLEEQLEEEEAAR	AGAP007523-PA,AGAP007523-PB	-	68	3.05E-06	2	2270.109	-2.68	Midgut	2L:+:47182533-47182589;2L:+:47182533-47182589	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_84869	DLEAELDEER	AGAP007523-PA,AGAP007523-PB	-	90	7.43E-09	1	1218.548	-0.11	Malpighian tubule	2L:+:47184957-47184986;2L:+:47184957-47184986	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_85091	SAGNLESQLTEAQQLLEEETR	AGAP007523-PA,AGAP007523-PB	-	55	4.55E-05	3	2346.155	5.32	Larva	2L:+:47184009-47184071;2L:+:47184009-47184071	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_85489	AISEQVAQER	AGAP007523-PA,AGAP007523-PB	-	70	1.58E-06	2	1130.581	0.47	Male reproductive organs	2L:+:47184468-47184497;2L:+:47184468-47184497	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_85547	MQIEEMQQQLVK	AGAP007523-PA,AGAP007523-PB	M1(Oxidation), M6(Oxidation)	78	2.66E-07	1	1536.741	0.92	Malpighian tubule	2L:+:47182917-47182952;2L:+:47182917-47182952	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_85576	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	73	1.78E-07	1	1252.728	1.92	Salivary gland	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_86417	VLVLKDDIQK	AGAP007523-PA,AGAP007523-PB	-	56	8.54E-06	1	1170.708	-0.86	Pupa	2L:+:47154931-47154960;2L:+:47154931-47154960	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_86872	NLDEAEEEIQK	AGAP007523-PA,AGAP007523-PB	-	75	3.59E-07	2	1317.616	-0.88	Head	2L:+:47185883-47185915;2L:+:47185883-47185915	exon=> In CDS Exon 11 of transcript AGAP007523-PA;exon=> In CDS Exon 11 of transcript AGAP007523-PB
JHU_Ag_87445	VLVLKDDIQK	AGAP007523-PA,AGAP007523-PB	-	46	7.64E-05	2	1170.709	-0.03	Midgut	2L:+:47154931-47154960;2L:+:47154931-47154960	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_87653	AISEQVAQERDAAER	AGAP007523-PA,AGAP007523-PB	-	39	0.001907076	1	1672.832	3.94	Malpighian tubule	2L:+:47184468-47184512;2L:+:47184468-47184512	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_88243	DIETLQR	AGAP007523-PA,AGAP007523-PB	-	42	0.001629262	1	874.464	1.5	Malpighian tubule	2L:+:47184282-47184302;2L:+:47184282-47184302	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_88459	ITDLIVNFQAFCR	AGAP007523-PA,AGAP007523-PB	C12(Carbamidomethyl)	83	6.73E-08	2	1596.820	-0.14	Head	2L:+:47182047-47182085;2L:+:47182047-47182085	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_89244	ELESQLAEIQEDLEAEK	AGAP007523-PA,AGAP007523-PB	-	107	4.09E-10	1	1973.963	3.99	Ovary	2L:+:47183034-47183084;2L:+:47183034-47183084	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_89287	HESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	55	4.50E-05	2	1313.638	3.43	Salivary gland	2L:+:47182785-47182817;2L:+:47182785-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_89480	RHEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	51	0.000105464	1	2009.035	-0.15	Salivary gland	2L:+:47170134-47170184;2L:+:47170134-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_89626	VIQYLAYVAASKPK	AGAP007523-PA,AGAP007523-PB	-	113	1.50E-11	1	1550.899	3.27	Salivary gland	2L:+:47173606-47173647;2L:+:47173606-47173647	exon=> In CDS Exon 4 of transcript AGAP007523-PA;exon=> In CDS Exon 4 of transcript AGAP007523-PB

JHU_Ag_89849	IAHLLGLNVTDMTK	AGAP007523-PA,AGAP007523-PB	-	81	6.25E-08	1	1525.839	-1.15	Pupa	2L:+:47180856-47180897;2L:+:47180856-47180897	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_90075	GLQNELDELANTQGTADKNVHELEK	AGAP007523-PA,AGAP007523-PB	-	62	8.86E-06	1	2766.361	2.37	Male reproductive organs	2L:+:47184606-47184644,47184720-47184755;2L:+:47184606-47184644,47184720-47184755	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB
JHU_Ag_90955	THLAEQLQAEIELCAEAEEGR	AGAP007523-PA,AGAP007523-PB	C14(Carbamidomethyl)	45	0.000580385	1	2397.144	3.63	Salivary gland	2L:+:47182359-47182421;2L:+:47182359-47182421	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_91006	QRYELLTPNVIPK	AGAP007523-PA,AGAP007523-PB	-	67	1.00E-06	1	1570.899	2.71	Salivary gland	2L:+:47181867-47181905;2L:+:47181867-47181905	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_91151	REEELAQTLVR	AGAP007523-PA,AGAP007523-PB	-	68	1.72E-06	1	1343.731	2.1	Salivary gland	2L:+:47182953-47182985;2L:+:47182953-47182985	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_91218	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	107	2.86E-10	1	2116.047	3.26	Midgut	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_91420	AISEQVAQER	AGAP007523-PA,AGAP007523-PB	-	71	1.39E-06	1	1130.580	-0.5	Pupa	2L:+:47184468-47184497;2L:+:47184468-47184497	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_91445	LQINIQDLEEQLEEEEAAR	AGAP007523-PA,AGAP007523-PB	-	86	4.50E-08	2	2270.120	2.48	Pupa	2L:+:47182533-47182589;2L:+:47182533-47182589	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_92021	TFHIFYQLLAGASPEQR	AGAP007523-PA,AGAP007523-PB	-	40	0.001247346	1	1978.018	-0.17	Head	2L:+:47180553-47180603;2L:+:47180553-47180603	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_92229	NLNLEK	AGAP007523-PA,AGAP007523-PB	-	44	0.000869473	1	730.411	2.11	Salivary gland	2L:+:47185626-47185643;2L:+:47185626-47185643	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_92321	GDEVEVELAETGK	AGAP007523-PA,AGAP007523-PB	-	90	1.48E-08	2	1375.664	3.85	Salivary gland	2L:+:47154889-47154927;2L:+:47154889-47154927	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_92496	VLVLKDDIQK	AGAP007523-PA,AGAP007523-PB	-	81	2.21E-08	1	1170.713	3.2	Malpighian tubule	2L:+:47154931-47154960;2L:+:47154931-47154960	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_92558	GVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	103	7.56E-10	1	1333.691	0.47	Salivary gland	2L:+:47181414-47181452;2L:+:47181414-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_92662	IAALEEELEEEQSNLELMVDR	AGAP007523-PA,AGAP007523-PB	M18(Oxidation)	50	0.000158797	2	2476.173	-1.28	Salivary gland	2L:+:47185371-47185433;2L:+:47185371-47185433	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_93201	LQQLNAIR	AGAP007523-PA,AGAP007523-PB	-	46	0.000171 55	1	955.570	2.01	Malpighian tubule	2L:+:47182119-47182142;2L:+:47182119-47182142	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_93576	ALESQLAELK	AGAP007523-PA,AGAP007523-PB	-	44	0.000569328	2	1101.616	1.08	Ovary	2L:+:47184765-47184794;2L:+:47184765-47184794	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_93742	LRLEVNMQALR	AGAP007523-PA,AGAP007523-PB	M7(Oxidation)	40	0.000927825	1	1358.753	-3.37	Salivary gland	2L:+:47184846-47184878;2L:+:47184846-47184878	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_93879	RDLNEELEALK	AGAP007523-PA,AGAP007523-PB	-	63	7.18E-06	1	1329.698	-1.99	Head	2L:+:47183115-47183147;2L:+:47183115-47183147	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_94229	HAQEISSINEQLENLKK	AGAP007523-PA,AGAP007523-PB	-	119	1.43E-11	1	1981.036	0.42	Malpighian tubule	2L:+:47183383-47183433;2L:+:47183383-47183433	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_94340	INFDASGYISGANIETYLLEK	AGAP007523-PA,AGAP007523-PB	-	114	6.34E-11	2	2318.163	3.34	Head	2L:+:47180457-47180519;2L:+:47180457-47180519	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_94627	KAQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	119	5.68E-12	2	1917.056	1.28	Pupa	2L:+:47185440-47185490;2L:+:47185440-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_95338	FILDDVK	AGAP007523-PA,AGAP007523-PB	-	47	0.000181803	2	849.471	-1.11	Salivary gland	2L:+:47180610-47180630;2L:+:47180610-47180630	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_95629	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	110	1.36E-10	1	2116.054	6.26	Larva	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_95654	NSFNDPATQAEWTQK	AGAP007523-PA,AGAP007523-PB	-	107	3.09E-10	1	1736.795	4.57	Salivary gland	2L:+:47150051-47150095;2L:+:47150051-47150095	exon=> In CDS Exon 1 of transcript AGAP007523-PA;exon=> In CDS Exon 1 of transcript AGAP007523-PB
JHU_Ag_96139	AGKIDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	33	0.001186923	1	1508.879	-0.43	Salivary gland	2L:+:47181750-47181791;2L:+:47181750-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_96766	KAQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	87	7.42E-09	2	1917.068	7.52	Salivary gland	2L:+:47185440-47185490;2L:+:47185440-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_97534	AAEGERDELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	107	3.07E-10	1	2090.987	1.72	Salivary gland	2L:+:47185272-47185328;2L:+:47185272-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_97796	VKPLLEVTKQEEK	AGAP007523-PA,AGAP007523-PB	-	49	4.14E-05	1	1540.900	3.56	Malpighian tubule	2L:+:47182212-47182250;2L:+:47182212-47182250	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_98247	GLQNELDELANTQGTADK	AGAP007523-PA,AGAP007523-PB	-	70	1.50E-06	1	1916.910	-5.26	Head	2L:+:47184606-47184644,47184720-47184734;2L:+:47184606-47184644,47184720-47184734	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB
JHU_Ag_98426	LQQLNAIR	AGAP007523-PA,AGAP007523-PB	-	38	0.001028797	2	955.568	0.03	Male reproductive organs	2L:+:47182119-47182142;2L:+:47182119-47182142	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_98452	TDFRGVADFAVVHYAGK	AGAP007523-PA,AGAP007523-PB	-	74	4.78E-07	1	1852.941	3.84	Malpighian tubule	2L:+:47181402-47181452;2L:+:47181402-47181452	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_98553	MEEDVALIEDQNHKLVK	AGAP007523-PA,AGAP007523-PB	-	35	0.004644504	1	2011.026	4.55	Malpighian tubule	2L:+:47182638-47182688;2L:+:47182638-47182688	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_98670	NSDQATLPDNTVAQK	AGAP007523-PA,AGAP007523-PB	-	86	3.39E-08	1	1601.777	-0.05	Head	2L:+:47180811-47180855;2L:+:47180811-47180855	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_98794	KAQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	49	5.92E-05	1	1917.054	-0.09	Male reproductive organs	2L:+:47185440-47185490;2L:+:47185440-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_99761	HESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	89	1.36E-08	1	1313.632	-1.22	Head	2L:+:47182785-47182817;2L:+:47182785-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_100281	IAALEEELEEEQSNLELMVDRNR	AGAP007523-PA,AGAP007523-PB	M18(Oxidation)	92	8.60E-09	1	2746.334	5.15	Malpighian tubule	2L:+:47185371-47185439;2L:+:47185371-47185439	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_101600	KLQINIQDLEEQLEEEEAAR	AGAP007523-PA,AGAP007523-PB	-	66	3.52E-06	1	2398.220	4.36	Salivary gland	2L:+:47182530-47182589;2L:+:47182530-47182589	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_101850	GLQNELDELANTQGTADKNVHELEK	AGAP007523-PA,AGAP007523-PB	-	128	2.18E-12	1	2766.362	2.72	Malpighian tubule	2L:+:47184606-47184644,47184720-47184755;2L:+:47184606-47184644,47184720-47184755	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB
JHU_Ag_102136	QQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	101	1.17E-09	2	1700.845	0.05	Midgut	2L:+:47183461-47183505;2L:+:47183461-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_102149	QIQELQAANDR	AGAP007523-PA,AGAP007523-PB	-	68	1.98E-06	1	1285.651	0.97	Salivary gland	2L:+:47184303-47184335;2L:+:47184303-47184335	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_102185	HESTIAELEER	AGAP007523-PA,AGAP007523-PB	-	56	3.50E-05	2	1313.638	3.8	Midgut	2L:+:47182785-47182817;2L:+:47182785-47182817	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_102320	ELESQLAEIQEDLEAEKLAR	AGAP007523-PA,AGAP007523-PB	-	56	3.48E-05	1	2314.185	3.23	Malpighian tubule	2L:+:47183034-47183093;2L:+:47183034-47183093	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_102467	IQSELEDATIELDTQR	AGAP007523-PA,AGAP007523-PB	-	103	7.72E-10	1	1860.923	2.57	Salivary gland	2L:+:47184357-47184404;2L:+:47184357-47184404	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_102634	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	136	3.16E-13	1	2116.042	0.83	Head	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_102688	QIQELQAANDRLDK	AGAP007523-PA,AGAP007523-PB	-	80	1.49E-07	1	1641.861	3.25	Malpighian tubule	2L:+:47184303-47184344;2L:+:47184303-47184344	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_103062	ANDLSQTLAEEEEKAK	AGAP007523-PA,AGAP007523-PB	-	125	4.99E-12	1	1775.871	3.05	Salivary gland	2L:+:47182713-47182760;2L:+:47182713-47182760	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_104547	ALESQLAELK	AGAP007523-PA,AGAP007523-PB	-	82	1.02E-07	1	1101.617	1.74	Malpighian tubule	2L:+:47184765-47184794;2L:+:47184765-47184794	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_104603	QQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	81	1.19E-07	2	1700.846	0.55	Pupa	2L:+:47183461-47183505;2L:+:47183461-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_105237	IPFQEFR	AGAP007523-PA,AGAP007523-PB	-	34	0.005473974	1	936.494	-0.06	Midgut	2L:+:47181846-47181866;2L:+:47181846-47181866	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_105377	AGKIDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	44	7.96E-05	1	1508.887	4.59	Malpighian tubule	2L:+:47181750-47181791;2L:+:47181750-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB

JHU_Ag_106096	SMLQDREDQSILCTGESGAGK	AGAP007523-PA,AGAP007523-PB	M2(Oxidation), C13(Carbamidomethyl)	49	0.000139902	1	2298.035	0.51	Salivary gland	2L:+:47170185-47170197,47173538-47173587;2L:+:47170185-47170197,47173538-47173587	exon=> In CDS Exon 3 and 4 of transcript AGAP007523-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007523-PB
JHU_Ag_106274	VEDMAELTCLNEASVLHNIK	AGAP007523-PA,AGAP007523-PB	M4(Oxidation), C9(Carbamidomethyl)	48	0.000285099	1	2302.109	1.63	Head	2L:+:47154985-47155044;2L:+:47154985-47155044	exon=> In CDS Exon 2 of transcript AGAP007523-PA;exon=> In CDS Exon 2 of transcript AGAP007523-PB
JHU_Ag_106305	IQSELEDATIELDTQRTK	AGAP007523-PA,AGAP007523-PB	-	93	6.27E-09	1	2090.073	5.64	Malpighian tubule	2L:+:47184357-47184410;2L:+:47184357-47184410	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_106439	SNSQNNETLK	AGAP007523-PA,AGAP007523-PB	-	54	7.06E-05	2	1134.540	1.53	Salivary gland	2L:+:47185491-47185520;2L:+:47185491-47185520	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_106577	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	86	9.98E-09	1	1252.728	1.24	Malpighian tubule	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_106658	EALQEQLEEDEEAKTNYEK	AGAP007523-PA,AGAP007523-PB	-	75	3.44E-07	1	2296.052	2.24	Malpighian tubule	2L:+:47184120-47184176;2L:+:47184120-47184176	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_106995	MQIEEMQQQLVK	AGAP007523-PA,AGAP007523-PB	M1(Oxidation), M6(Oxidation)	70	1.78E-06	1	1536.739	-0.59	Salivary gland	2L:+:47182917-47182952;2L:+:47182917-47182952	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_107499	DAIRDAEEAK	AGAP007523-PA,AGAP007523-PB	-	40	0.001258121	1	1117.548	-0.18	Malpighian tubule	2L:+:47185125-47185154;2L:+:47185125-47185154	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_108222	QELEELMQDLESR	AGAP007523-PA,AGAP007523-PB	-	33	0.006931761	2	1619.765	4.23	Head	2L:+:47182443-47182481;2L:+:47182443-47182481	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_108748	IVSAVLLFGSMTFKQER	AGAP007523-PA,AGAP007523-PB	M11(Oxidation)	47	0.000134826	3	1942.054	3.51	Salivary gland	2L:+:47180760-47180810;2L:+:47180760-47180810	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_108869	ANDLSQTLAEEEEK	AGAP007523-PA,AGAP007523-PB	-	98	2.17E-09	1	1576.741	4.83	Salivary gland	2L:+:47182713-47182754;2L:+:47182713-47182754	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_109289	AISEQVAQER	AGAP007523-PA,AGAP007523-PB	-	56	4.62E-05	2	1130.584	3.17	Ovary	2L:+:47184468-47184497;2L:+:47184468-47184497	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_109429	MEEDVALIEDQNHK	AGAP007523-PA,AGAP007523-PB	M1(Oxidation)	42	0.000611517	1	1686.763	-0.62	Malpighian tubule	2L:+:47182638-47182679;2L:+:47182638-47182679	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_109567	HEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	52	8.02E-05	1	1852.937	1.78	Malpighian tubule	2L:+:47170137-47170184;2L:+:47170137-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB
JHU_Ag_109809	TFHIFYQLLAGASPEQR	AGAP007523-PA,AGAP007523-PB	-	135	3.36E-13	1	1978.027	4.53	Malpighian tubule	2L:+:47180553-47180603;2L:+:47180553-47180603	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_110096	SKQQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	69	1.99E-06	1	1915.971	-0.59	Male reproductive organs	2L:+:47183455-47183505;2L:+:47183455-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_110701	RHEVPPHVFAITDTAYR	AGAP007523-PA,AGAP007523-PB	-	63	6.76E-06	1	2009.036	0.52	Midgut	2L:+:47170134-47170184;2L:+:47170134-47170184	exon=> In CDS Exon 3 of transcript AGAP007523-PA;exon=> In CDS Exon 3 of transcript AGAP007523-PB

JHU_Ag_111144	YELLTPNVIPK	AGAP007523-PA,AGAP007523-PB	-	47	0.000153	2	1286.736	0.29	Pupa	2L:+:47181873-47181905;2L:+:47181873-47181905	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_111296	RALESQLAELK	AGAP007523-PA,AGAP007523-PB	-	54	3.66E-05	1	1257.720	2.65	Midgut	2L:+:47184762-47184794;2L:+:47184762-47184794	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_111681	GLQNELDELANTQGTADKNVHELEK	AGAP007523-PA,AGAP007523-PB	-	101	1.17E-09	1	2766.359	1.82	Pupa	2L:+:47184606-47184644,47184720-47184755;2L:+:47184606-47184644,47184720-47184755	exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007523-PB
JHU_Ag_111812	TLEDESANHESTLMDMR	AGAP007523-PA,AGAP007523-PB	M14(Oxidation), M16(Oxidation)	51	3.45E-05	1	2010.841	1.38	Salivary gland	2L:+:47183326-47183376;2L:+:47183326-47183376	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_112296	RALESQLAELK	AGAP007523-PA,AGAP007523-PB	-	42	0.000769608	2	1257.701	-12.2	Malpighian tubule	2L:+:47184762-47184794;2L:+:47184762-47184794	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_112374	IPFQEFR	AGAP007523-PA,AGAP007523-PB	-	40	0.001359261	2	936.493	-0.72	Male reproductive organs	2L:+:47181846-47181866;2L:+:47181846-47181866	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_112442	AQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	117	1.64E-11	1	1788.971	6.9	Salivary gland	2L:+:47185443-47185490;2L:+:47185443-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_112695	AQNEELEDDLQLTEDAK	AGAP007523-PA,AGAP007523-PB	-	147	2.46E-14	1	1960.903	2.41	Malpighian tubule	2L:+:47184795-47184845;2L:+:47184795-47184845	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_112703	LQINIQDLEEQLEEEEAAR	AGAP007523-PA,AGAP007523-PB	-	142	1.12E-13	1	2270.126	4.74	Ovary	2L:+:47182533-47182589;2L:+:47182533-47182589	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_112786	IDAPLVLDQLR	AGAP007523-PA,AGAP007523-PB	-	78	6.51E-08	2	1252.726	0.36	Male reproductive organs	2L:+:47181759-47181791;2L:+:47181759-47181791	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_112996	KAQLTIEQLTTELATEK	AGAP007523-PA,AGAP007523-PB	-	57	9.47E-06	2	1917.049	-2.41	Head	2L:+:47185440-47185490;2L:+:47185440-47185490	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_113217	LAELNFTIQEMK	AGAP007523-PA,AGAP007523-PB	N5(Deamidated), M11(Oxidation),M11(Oxidation)	67	3.15E-06	1	1452.739	-0.65	Malpighian tubule	2L:+:47184180-47184215;2L:+:47184180-47184215	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_113352	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	50	0.000145 8	2	2116.033	-3.32	Visceras	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_113474	AAEGERDELLEEINSNSSK	AGAP007523-PA,AGAP007523-PB	-	99	2.08E-09	1	2090.985	0.44	Midgut	2L:+:47185272-47185328;2L:+:47185272-47185328	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_113549	LQQESENITQQLDEAELK	AGAP007523-PA,AGAP007523-PB	-	161	1.05E-15	1	2116.047	2.91	Malpighian tubule	2L:+:47183937-47183990;2L:+:47183937-47183990	exon=> In CDS Exon 9 of transcript AGAP007523-PA;exon=> In CDS Exon 9 of transcript AGAP007523-PB
JHU_Ag_114397	QQLEAENADLATELR	AGAP007523-PA,AGAP007523-PB	-	119	1.69E-11	1	1700.843	-1.1	Malpighian tubule	2L:+:47183461-47183505;2L:+:47183461-47183505	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_114449	LSEQETALR	AGAP007523-PA,AGAP007523-PB	-	66	5.24E-06	1	1046.550	1.81	Male reproductive organs	2L:+:47185560-47185586;2L:+:47185560-47185586	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB

JHU_Ag_115637	IPFQEFR	AGAP007523-PA,AGAP007523-PB	-	45	0.000459338	2	936.494	0.2	Salivary gland	2L:+:47181846-47181866;2L:+:47181846-47181866	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_116111	KIETEVADLK	AGAP007523-PA,AGAP007523-PB	-	36	0.00320752	1	1145.644	2.23	Malpighian tubule	2L:+:47182866-47182895;2L:+:47182866-47182895	exon=> In CDS Exon 7 of transcript AGAP007523-PA;exon=> In CDS Exon 7 of transcript AGAP007523-PB
JHU_Ag_116257	DLEAELDEER	AGAP007523-PA,AGAP007523-PB	-	51	5.31E-05	2	1218.549	0.59	Pupa	2L:+:47184957-47184986;2L:+:47184957-47184986	exon=> In CDS Exon 10 of transcript AGAP007523-PA;exon=> In CDS Exon 10 of transcript AGAP007523-PB
JHU_Ag_117269	HAQEISSINEQLENLKK	AGAP007523-PA,AGAP007523-PB	-	98	1.78E-09	1	1981.041	2.82	Ovary	2L:+:47183383-47183433;2L:+:47183383-47183433	exon=> In CDS Exon 8 of transcript AGAP007523-PA;exon=> In CDS Exon 8 of transcript AGAP007523-PB
JHU_Ag_30813	FGKFIR	AGAP007523-PA,AGAP007523-PB,AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.000773059	2	767.458	1.95	Malpighian tubule	47180335,47180442-47180456;2L:+:47180333-47180335,47180442-47180456;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49462816-49462818,49462907-49462921;3R:+:49	exon=> In CDS Exon 6 and 7 of transcript AGAP007523-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP007523-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PD;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PE;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PF;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PH;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PI;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 and 4 of transcript AGAP010147-PK
JHU_Ag_59599	RENDSISVQDESLDGEDNSN	AGAP007523-PB	-	101	3.30E-10	1	2222.928	-0.24	Head	2L:+:47187155-47187214	exon=> In CDS Exon 12 of transcript AGAP007523-PB
JHU_Ag_65175	KSTLFQSDLYPDTLANLPAIGAK	AGAP007525-PA	-	81	4.43E-08	1	2463.327	5.51	Malpighian tubule	2L:+:47222606-47222674	exon=> In CDS Exon 4 of transcript AGAP007525-PA
JHU_Ag_68415	SGIVVSEGICHLGTK	AGAP007525-PA	C10(Carbamidomethyl)	47	0.000243295	2	1556.814	2.15	Midgut	2L:+:47222092-47222109,47222177-47222203	exon=> In CDS Exon 3 and 4 of transcript AGAP007525-PA
JHU_Ag_107379	RLQQQLK	AGAP007525-PA	-	36	0.001617529	1	913.557	-1.36	Head	2L:+:47223656-47223676	exon=> In CDS Exon 7 of transcript AGAP007525-PA
JHU_Ag_115225	FAFLSQPTIPDYRPQTIIEK	AGAP007525-PA	-	64	2.21E-06	1	2364.268	3.52	Head	2L:+:47223141-47223188,47223262-47223273	exon=> In CDS Exon 5 and 6 of transcript AGAP007525-PA
JHU_Ag_11047	DLGNYCNYVRNPGDQIEYR	AGAP007529-PA	C6(Carbamidomethyl)	120	8.44E-12	1	2346.060	1.44	Malpighian tubule	2L:-:47225755-47225699	exon=> In CDS Exon 3 of transcript AGAP007529-PA
JHU_Ag_17030	DLGNYCNYVR	AGAP007529-PA	C6(Carbamidomethyl)	41	0.00050206	2	1273.563	-0.38	Head	2L:-:47225755-47225726	exon=> In CDS Exon 3 of transcript AGAP007529-PA

JHU_Ag_108352	VTNKYGDIISYDWL	AGAP007530-PA	N3(Deamidated)	35	0.003860206	1	1687.799	-13.51	Malpighian tubule	2L:-:47234004-47234148,47233659-47233662	exon=> In CDS Exon 7 and 6 of transcript AGAP007530-PA
JHU_Ag_80928	VAVYK	AGAP007530-PA,AGAP002718-PA,AGAP002718-PB,AGAP000607-PA	-	30	0.002084657	1	579.350	0.12	Salivary gland	2L:-:47234390-47234376;2R:-:26171642-26171628;2R:-:26171642-26171628;X:-:11074828-11074814	exon=> In CDS Exon 5 of transcript AGAP007530-PA;exon=> In CDS Exon 5 of transcript AGAP002718-PA;exon=> In CDS Exon 2 of transcript AGAP002718-PB;exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_4693	DNDPCIVFEPK	AGAP007531-PA	C5(Carbamidomethyl)	57	2.09E-05	2	1333.614	3.72	Visceras	2L:+:47242807-47242839	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_5176	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	71	7.99E-07	2	1713.911	3.02	Pupa	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_7450	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	101	9.55E-10	1	1713.913	4.23	Malpighian tubule	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_13365	GLLLACVKDNDPCIVFEPK	AGAP007531-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	47	0.000220475	1	2188.124	4.34	Malpighian tubule	2L:+:47242783-47242839	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_33433	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	46	0.000289952	2	1713.905	-0.61	Male reproductive organs	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_34543	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	82	8.01E-08	1	1713.904	-1.18	Midgut	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_35238	VTGWDTPFPHVFEPFYIPDK	AGAP007531-PA	-	92	1.00E-08	1	2392.174	3.65	Malpighian tubule	2L:+:47243258-47243317	exon=> In CDS Exon 2 of transcript AGAP007531-PA
JHU_Ag_38570	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	106	2.68E-10	1	1713.911	2.88	Head	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_39165	VFNTPLCEQGIAGFAIGVANTGAK	AGAP007531-PA	C7(Carbamidomethyl)	49	0.000152288	2	2435.244	2.18	Visceras	2L:+:47242471-47242542	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_41658	SGNLYDCGSLTFR	AGAP007531-PA	C7(Carbamidomethyl)	56	2.23E-05	2	1489.674	-0.28	Visceras	2L:+:47242627-47242665	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_43599	VTGWDTPFPHVFEPFYIPDK	AGAP007531-PA	-	67	3.39E-06	1	2392.173	3.5	Larva	2L:+:47243258-47243317	exon=> In CDS Exon 2 of transcript AGAP007531-PA
JHU_Ag_51893	APCGAVGHGACYHSQSPEAYFAHTPGLK	AGAP007531-PA	C3(Carbamidomethyl), C11(Carbamidomethyl)	121	8.88E-12	1	2970.356	5.13	Ovary	2L:+:47242666-47242749	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_53909	DNDPCIVFEPK	AGAP007531-PA	C5(Carbamidomethyl)	39	0.001114875	2	1333.610	0.15	Ovary	2L:+:47242807-47242839	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_54030	DNDPCIVFEPK	AGAP007531-PA	C5(Carbamidomethyl)	83	4.59E-08	1	1333.609	-0.4	Head	2L:+:47242807-47242839	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_57685	VTGWDTPFPHVFEPFYIPDK	AGAP007531-PA	-	103	7.26E-10	1	2392.167	0.82	Ovary	2L:+:47243258-47243317	exon=> In CDS Exon 2 of transcript AGAP007531-PA
JHU_Ag_58865	VTGWDTPFPHVFEPFYIPDKHR	AGAP007531-PA	-	70	1.42E-06	1	2685.332	2.66	Malpighian tubule	2L:+:47243258-47243323	exon=> In CDS Exon 2 of transcript AGAP007531-PA
JHU_Ag_59300	SGNLYDCGSLTFR	AGAP007531-PA	C7(Carbamidomethyl)	52	5.44E-05	2	1489.675	0.94	Malpighian tubule	2L:+:47242627-47242665	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_67750	AIAEMQFADYIFPAFDQIVNEAAK	AGAP007531-PA	M5(Oxidation)	139	2.11E-13	1	2718.313	0.49	Ovary	2L:+:47242543-47242614	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_75517	APCGAVGHGACYHSQSPEAYFAHTPGLK	AGAP007531-PA	C3(Carbamidomethyl), C11(Carbamidomethyl)	123	5.96E-12	1	2970.342	0.28	Malpighian tubule	2L:+:47242666-47242749	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_77560	GLLLACVK	AGAP007531-PA	C6(Carbamidomethyl)	41	0.000721984	2	873.524	1.54	Ovary	2L:+:47242783-47242806	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_88037	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	73	6.11E-07	1	1713.909	2.09	Salivary gland	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_89197	DNDPCIVFEPK	AGAP007531-PA	C5(Carbamidomethyl)	61	7.05E-06	2	1333.609	-0.4	Malpighian tubule	2L:+:47242807-47242839	exon=> In CDS Exon 1 of transcript AGAP007531-PA

JHU_Ag_93144	VFNTPLCEQGIAGFAIGVANTGAK	AGAP007531-PA	C7(Carbamidomethyl)	66	3.16E-06	1	2435.243	1.85	Head	2L:+:47242471-47242542	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_98551	DNDPCIVFEPK	AGAP007531-PA	C5(Carbamidomethyl)	44	0.000378125	2	1333.611	1.16	Midgut	2L:+:47242807-47242839	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_109646	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	95	3.45E-09	1	1713.911	2.95	Visceras	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_111688	AAVEEVPVAAFESPIGK	AGAP007531-PA	-	82	7.68E-08	1	1713.907	0.67	Ovary	2L:+:47242852-47242902	exon=> In CDS Exon 1 of transcript AGAP007531-PA
JHU_Ag_364	QIAEASEDVTRLAK	AGAP007532-PA	-	33	0.006011558	1	1530.820	4.79	Malpighian tubule	2L:-:47246253-47246212	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_413	ETIQNSDDDILK	AGAP007532-PA	-	78	2.62E-07	2	1390.672	1.6	Head	2L:-:47248632-47248597	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_1115	AIALIVDEGR	AGAP007532-PA	-	61	6.60E-06	1	1056.605	0.05	Malpighian tubule	2L:-:47247579-47247550	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_2036	DKLGSLDQSVLNAIMGVDK	AGAP007532-PA	M15(Oxidation)	51	9.70E-05	3	2019.051	4.09	Head	2L:-:47247738-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_2745	GILQGTSSLLLCFDESEVR	AGAP007532-PA	C12(Carbamidomethyl)	101	1.00E-09	2	2124.073	3.91	Head	2L:-:47248470-47248414	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_4348	AIALIVDEGR	AGAP007532-PA	-	46	0.000209 63	2	1056.605	-0.18	Male reproductive organs	2L:-:47247579-47247550	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_5540	VVEDFIDISTPLK	AGAP007532-PA	-	77	1.99E-07	2	1475.808	6.19	Midgut	2L:-:47247348-47247310	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_5999	VLQLTTYDEDQSELDNLTVLKK	AGAP007532-PA	-	61	6.95E-06	1	2565.332	0.81	Ovary	2L:-:47248071-47248006	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_6119	HSFLCDDAIR	AGAP007532-PA	C5(Carbamidomethyl)	50	9.72E-05	2	1233.569	0.32	Ovary	2L:-:47246931-47246902	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_7790	VETAAQLLEEASLMLR	AGAP007532-PA	M14(Oxidation)	47	0.000242424	3	1789.942	3.05	Head	2L:-:47248569-47248522	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_9602	NVSTNISDPIAASNWR	AGAP007532-PA	-	103	7.84E-10	2	1744.868	3.79	Ovary	2L:-:47246721-47246674	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_10475	QFMEAVAQPEGTPGR	AGAP007532-PA	M3(Oxidation)	33	0.007068917	1	1633.768	2.61	Head	2L:-:47247309-47247265	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_11304	LQAFSNR	AGAP007532-PA	-	43	0.000649 44	1	835.445	3.01	Malpighian tubule	2L:-:47247234-47247214	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_13229	LHGLKK	AGAP007532-PA	-	32	0.000202 8	1	695.456	-0.18	Male reproductive organs	2L:-:47247393-47247376	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_13333	TLCDQATDPADFIEASEK	AGAP007532-PA	C3(Carbamidomethyl)	107	2.20E-10	1	2010.896	0.12	Visceras	2L:-:47246997-47246944	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_14054	QEADNSEDPEYIDR	AGAP007532-PA	-	100	4.06E-10	2	1680.703	2.89	Head	2L:-:47246823-47246782	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_15069	HSFLCDDAIR	AGAP007532-PA	C5(Carbamidomethyl)	36	0.002001792	2	1233.557	-9.38	Malpighian tubule	2L:-:47246931-47246902	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_19236	AIALIVDEGRR	AGAP007532-PA	-	32	0.002576389	2	1212.706	0.21	Midgut	2L:-:47247579-47247547	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_19541	VETAAQLLEEASLMLR	AGAP007532-PA	M14(Oxidation)	83	6.39E-08	1	1789.931	-3.09	Male reproductive organs	2L:-:47248569-47248522	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_19676	IPTIGTQLK	AGAP007532-PA	-	40	0.000539961	2	970.593	-0.01	Ovary	2L:-:47246148-47246122	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_20280	ETIQNSDDDILKQDMPASLTR	AGAP007532-PA	M15(Oxidation)	102	1.03E-09	1	2406.146	0.28	Male reproductive organs	2L:-:47248632-47248570	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_21021	GAVTHAPTVPEMPDLSQLQLGGGSHEVVPPPRPPLPR	AGAP007532-PA	M12(Oxidation)	58	8.68E-06	1	3850.009	0.5	Male reproductive organs	2L:-:47246631-47246521	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_22877	AGLQQTAHTVQGR	AGAP007532-PA	-	103	6.28E-10	1	1366.719	0.29	Pupa	2L:-:47247681-47247643	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_23002	VYILIAEQSGK	AGAP007532-PA	-	56	1.07E-05	2	1220.693	3.77	Malpighian tubule	2L:-:47248179-47248147	exon=> In CDS Exon 2 of transcript AGAP007532-PA

JHU_Ag_23842	TIESILEPVAQQVSR	AGAP007532-PA	-	97	1.66E-09	1	1669.913	0.52	Ovary	2L:-:47250797-47250818,47246017-47248741	exon=> In CDS Exon 2 and 1 of transcript AGAP007532-PA
JHU_Ag_24476	NVSTNISDPIAASNWR	AGAP007532-PA	N5(Deamidated)	119	2.10E-11	1	1744.862	0.15	Head	2L:-:47246721-47246674	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_25856	VTAQVGAR	AGAP007532-PA	-	44	0.000684744	2	801.460	2.87	Malpighian tubule	2L:-:47248299-47248276	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_26395	EKELTHQVHSEILVR	AGAP007532-PA	-	47	0.000147346	1	1817.992	2.56	Malpighian tubule	2L:-:47248275-47248231	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_28190	VADGLGGHQK	AGAP007532-PA	-	53	5.63E-05	2	981.507	-4.78	Head	2L:-:47247546-47247517	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_28363	GAVTHAPTVPEMPDLSQLQLGGGSHEVVPPPRPPLPR	AGAP007532-PA	M12(Oxidation)	222	4.05E-22	1	3850.006	-0.27	Head	2L:-:47246631-47246521	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_28993	LGSLDQSVLNAIMGVDK	AGAP007532-PA	M13(Oxidation)	99	1.44E-09	1	1775.927	3.2	Malpighian tubule	2L:-:47247732-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_29044	DKLGSLDQSVLNAIMGVDK	AGAP007532-PA	M15(Oxidation)	71	1.17E-06	1	2019.044	0.47	Male reproductive organs	2L:-:47247738-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_31390	VVEDFIDISTPLK	AGAP007532-PA	-	61	8.08E-06	2	1475.805	4.04	Malpighian tubule	2L:-:47247348-47247310	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_31445	LVILHEEAEDGNAMPDLGKPVQAVSVAVTNLVR	AGAP007532-PA	M14(Oxidation)	71	3.91E-07	1	3500.862	5.65	Malpighian tubule	2L:-:47248740-47248642	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_35083	VLQLTTYDEDQSELDNLTVLK	AGAP007532-PA	-	37	0.002452347	2	2437.241	2.76	Visceras	2L:-:47248071-47248009	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_35894	TLCDQATDPADFIEASEK	AGAP007532-PA	C3(Carbamidomethyl)	124	4.10E-12	1	2010.898	0.66	Ovary	2L:-:47246997-47246944	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_36203	LAEGLLASANQIDSLTPQLVSAGR	AGAP007532-PA	-	42	0.000367922	3	2424.317	2.95	Pupa	2L:-:47247159-47247088	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_36479	TIESILEPVAQQVSR	AGAP007532-PA	-	65	2.36E-06	2	1669.911	-0.56	Midgut	2L:-:47250797-47250818,47246017-47248741	exon=> In CDS Exon 2 and 1 of transcript AGAP007532-PA
JHU_Ag_36840	TIESILEPVAQQVSR	AGAP007532-PA	-	78	1.07E-07	2	1669.916	2.51	Visceras	2L:-:47250797-47250818,47246017-47248741	exon=> In CDS Exon 2 and 1 of transcript AGAP007532-PA
JHU_Ag_37220	ETIQNSDDDILKQDMPASLTR	AGAP007532-PA	M15(Oxidation)	76	4.22E-07	1	2406.147	0.81	Ovary	2L:-:47248632-47248570	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_39902	GILQGTSSLLLCFDESEVRK	AGAP007532-PA	C12(Carbamidomethyl)	41	0.000999025	1	2252.164	2.09	Malpighian tubule	2L:-:47248470-47248411	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_40245	ETIQNSDDDILKQDMPASLTR	AGAP007532-PA	M15(Oxidation)	88	2.95E-08	1	2406.148	1.04	Midgut	2L:-:47248632-47248570	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_43937	GTTPHADNIAR	AGAP007532-PA	-	47	0.000308125	1	1152.576	0.59	Pupa	2L:-:47247780-47247748	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_44504	HSFLCDDAIR	AGAP007532-PA	C5(Carbamidomethyl)	63	4.12E-06	1	1233.563	-4.23	Head	2L:-:47246931-47246902	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_45566	LGSLDQSVLNAIMGVDK	AGAP007532-PA	M13(Oxidation)	138	2.21E-13	1	1775.923	1.41	Male reproductive organs	2L:-:47247732-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_46289	QIAEASEDVTR	AGAP007532-PA	-	54	7.19E-05	2	1218.596	0.19	Head	2L:-:47246253-47246221	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_46473	ELTHQVHSEILVR	AGAP007532-PA	-	61	8.41E-06	1	1560.853	2.17	Head	2L:-:47248269-47248231	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_48064	ALLQSVR	AGAP007532-PA	-	36	0.002890081	1	786.485	1.64	Male reproductive organs	2L:-:47246661-47246641	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_49107	ILAPILICSMK	AGAP007532-PA	C8(Carbamidomethyl)	67	1.57E-06	1	1258.725	-0.77	Ovary	2L:-:47248212-47248180	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_49989	TLCDQATDPADFIEASEK	AGAP007532-PA	C3(Carbamidomethyl)	95	3.87E-09	2	2010.906	4.91	Midgut	2L:-:47246997-47246944	exon=> In CDS Exon 2 of transcript AGAP007532-PA

JHU_Ag_52114	VADGLGGHQK	AGAP007532-PA	-	33	0.005229474	1	981.514	2.43	Malpighian tubule	2L:-:47247546-47247517	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_52357	LAEGLLASANQIDSLTPQLVSAGR	AGAP007532-PA	-	91	4.83E-09	1	2424.312	1.14	Ovary	2L:-:47247159-47247088	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_52761	LGSLDQSVLNAIMGVDK	AGAP007532-PA	M13(Oxidation)	106	3.41E-10	2	1775.925	2.31	Ovary	2L:-:47247732-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_53059	VLQLTTYDEDQSELDNLTVLK	AGAP007532-PA	-	75	3.48E-07	2	2437.232	-1.15	Ovary	2L:-:47248071-47248009	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_53396	GTTPHADNIAR	AGAP007532-PA	-	43	0.000788565	1	1152.576	0.48	Ovary	2L:-:47247780-47247748	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_54164	LGSLDQSVLNAIMGVDK	AGAP007532-PA	M13(Oxidation)	50	0.00012283	2	1775.919	-1.13	Midgut	2L:-:47247732-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_55455	AGLQQTAHTVQGR	AGAP007532-PA	-	89	1.53E-08	1	1366.723	3.24	Malpighian tubule	2L:-:47247681-47247643	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_56205	VLQLTTYDEDQSELDNLTVLKK	AGAP007532-PA	-	54	3.39E-05	1	2565.332	0.81	Male reproductive organs	2L:-:47248071-47248006	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_57678	AGLQQTAHTVQGR	AGAP007532-PA	-	122	7.66E-12	1	1366.722	2.26	Head	2L:-:47247681-47247643	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_58344	AGLQQTAHTVQGR	AGAP007532-PA	-	112	9.18E-11	1	1366.718	-0.69	Male reproductive organs	2L:-:47247681-47247643	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_58923	IPTIGTQLK	AGAP007532-PA	-	42	0.000264277	1	970.595	1.68	Male reproductive organs	2L:-:47246148-47246122	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_59526	LGSLDQSVLNAIMGVDK	AGAP007532-PA	M13(Oxidation)	79	1.47E-07	2	1775.934	7.39	Head	2L:-:47247732-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_59586	MVDNTSSEAR	AGAP007532-PA	M1(Oxidation)	35	0.001933042	2	1125.491	5.89	Malpighian tubule	2L:-:47246883-47246854	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_59660	LAEGLLASANQIDSLTPQLVSAGR	AGAP007532-PA	-	114	2.42E-11	1	2424.311	0.76	Male reproductive organs	2L:-:47247159-47247088	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_60312	AAEEHLNNLKQQYADTILR	AGAP007532-PA	-	123	5.94E-12	1	2227.156	4.16	Malpighian tubule	2L:-:47247060-47247004	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_61317	LAEGLLASANQIDSLTPQLVSAGR	AGAP007532-PA	-	87	1.34E-08	2	2424.316	2.81	Head	2L:-:47247159-47247088	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_62859	NKLEAANEWLR	AGAP007532-PA	-	57	2.34E-05	1	1343.707	0.44	Ovary	2L:-:47247987-47247955	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_63297	LAEGLLASANQIDSLTPQLVSAGR	AGAP007532-PA	-	74	2.41E-07	2	2424.312	1.1	Visceras	2L:-:47247159-47247088	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_65110	MSEELQEIIR	AGAP007532-PA	M1(Oxidation)	59	2.49E-05	2	1263.624	-1.12	Ovary	2L:-:47248101-47248072	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_65305	VVEDFIDISTPLK	AGAP007532-PA	-	59	1.28E-05	1	1475.801	1.2	Male reproductive organs	2L:-:47247348-47247310	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_65441	LSELVR	AGAP007532-PA	-	40	0.001677418	2	716.432	2.57	Malpighian tubule	2L:-:47246316-47246299	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_65981	VYILIAEQSGK	AGAP007532-PA	-	52	4.27E-05	2	1220.689	0.27	Male reproductive organs	2L:-:47248179-47248147	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_66383	VLQLTTYDEDQSELDNLTVLKK	AGAP007532-PA	-	46	0.000250116	1	2565.335	2.24	Head	2L:-:47248071-47248006	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_68317	VETAAQLLEEASLMLR	AGAP007532-PA	M14(Oxidation)	83	6.33E-08	2	1773.945	1.84	Ovary	2L:-:47248569-47248522	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_68418	TIESILEPVAQQVSR	AGAP007532-PA	-	85	1.68E-08	1	1669.921	5.21	Malpighian tubule	2L:-:47250797-47250818,47246017-47248741	exon=> In CDS Exon 2 and 1 of transcript AGAP007532-PA
JHU_Ag_68817	ILAPILICSMK	AGAP007532-PA	C8(Carbamidomethyl), M10(Oxidation)	40	0.000622045	2	1274.725	2.75	Head	2L:-:47248212-47248180	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_70685	AGLQQTAHTVQGR	AGAP007532-PA	-	82	7.58E-08	1	1366.720	0.74	Ovary	2L:-:47247681-47247643	exon=> In CDS Exon 2 of transcript AGAP007532-PA

JHU_Ag_72189	AAEEHLNNLK	AGAP007532-PA	-	61	1.38E-05	1	1138.585	-0.03	Midgut	2L:-:47247060-47247031	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_73007	ETIQNSDDDILKQDMPASLTR	AGAP007532-PA	M15(Oxidation)	61	1.22E-05	1	2406.154	3.55	Malpighian tubule	2L:-:47248632-47248570	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_73356	MSEELQEIIR	AGAP007532-PA	M1(Oxidation)	46	0.000448747	2	1263.632	5.35	Head	2L:-:47248101-47248072	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_73915	NVSTNISDPIAASNWR	AGAP007532-PA	-	77	2.97E-07	2	1744.864	1.62	Pupa	2L:-:47246721-47246674	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_74298	NVSTNISDPIAASNWR	AGAP007532-PA	-	35	0.00451374	2	1744.866	2.67	Visceras	2L:-:47246721-47246674	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_74758	IRMNYPTSK	AGAP007532-PA	M3(Oxidation)	49	0.000120181	2	1125.576	3.18	Malpighian tubule	2L:-:47247087-47247061	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_74948	LAEGLLASANQIDSLTPQLVSAGR	AGAP007532-PA	-	114	2.55E-11	1	2424.316	2.73	Malpighian tubule	2L:-:47247159-47247088	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_76016	AIALIVDEGRR	AGAP007532-PA	-	85	1.47E-08	1	1212.710	3.43	Malpighian tubule	2L:-:47247579-47247547	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_76452	TLCDQATDPADFIEASEK	AGAP007532-PA	C3(Carbamidomethyl)	94	3.68E-09	1	2010.890	-2.86	Male reproductive organs	2L:-:47246997-47246944	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_76568	IPTIGTQLK	AGAP007532-PA	-	34	0.001965001	1	970.593	-0.71	Malpighian tubule	2L:-:47246148-47246122	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_77686	TNLLQVCER	AGAP007532-PA	C7(Carbamidomethyl)	42	0.00103687	2	1132.578	0.08	Male reproductive organs	2L:-:47246175-47246149	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_78206	GILQGTSSLLLCFDESEVRK	AGAP007532-PA	C12(Carbamidomethyl)	53	5.02E-05	1	2252.169	4.2	Head	2L:-:47248470-47248411	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_81632	NVSTNISDPIAASNWREANR	AGAP007532-PA	-	62	1.10E-05	1	2215.094	4.1	Malpighian tubule	2L:-:47246721-47246662	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_81854	NVSTNISDPIAASNWR	AGAP007532-PA	-	127	2.79E-12	2	1744.860	-0.55	Midgut	2L:-:47246721-47246674	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_82006	NVSTNISDPIAASNWR	AGAP007532-PA	-	119	1.94E-11	1	1744.864	1.27	Male reproductive organs	2L:-:47246721-47246674	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_83825	LSELVR	AGAP007532-PA	-	48	0.000210727	2	716.430	-0.07	Male reproductive organs	2L:-:47246316-47246299	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_84228	LAEGLLASANQIDSLTPQLVSAGR	AGAP007532-PA	-	100	6.39E-10	1	2424.309	-0.07	Midgut	2L:-:47247159-47247088	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_84681	TLCDQATDPADFIEASEK	AGAP007532-PA	C3(Carbamidomethyl)	75	3.58E-07	1	2010.906	5.03	Malpighian tubule	2L:-:47246997-47246944	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_84873	MSEELQEIIR	AGAP007532-PA	M1(Oxidation)	75	5.53E-07	1	1263.627	1.49	Male reproductive organs	2L:-:47248101-47248072	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_84924	EATEMLVGNAQNLMQSVK	AGAP007532-PA	M5(Oxidation), M14(Oxidation)	79	2.40E-07	2	1994.952	-0.03	Male reproductive organs	2L:-:47246064-47248749,47245818-47245920	exon=> In CDS Exon 3 and 2 of transcript AGAP007532-PA
JHU_Ag_85111	VVEDFIDISTPLK	AGAP007532-PA	-	76	2.83E-07	1	1475.804	3.05	Ovary	2L:-:47247348-47247310	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_85571	MSEELQEIIR	AGAP007532-PA	M1(Oxidation)	62	1.08E-05	2	1247.635	3.89	Malpighian tubule	2L:-:47248101-47248072	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_85756	LAGDITAMTNTLCDLRQEGK	AGAP007532-PA	M8(Oxidation), C13(Carbamidomethyl)	52	0.000102395	1	2223.077	1.31	Malpighian tubule	2L:-:47247840-47247781	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_85861	VLQLTTYDEDQSELDNLTVLK	AGAP007532-PA	-	83	5.32E-08	2	2437.242	3.16	Male reproductive organs	2L:-:47248071-47248009	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_87448	TIESILEPVAQQVSR	AGAP007532-PA	-	101	6.33E-10	1	1669.913	0.3	Male reproductive organs	2L:-:47250797-47250818,47246017-47248741	exon=> In CDS Exon 2 and 1 of transcript AGAP007532-PA
JHU_Ag_88465	VVEDFIDISTPLK	AGAP007532-PA	-	87	1.98E-08	2	1475.802	2.05	Head	2L:-:47247348-47247310	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_90126	VVEDFIDISTPLK	AGAP007532-PA	-	65	3.81E-06	1	1475.804	3.3	Visceras	2L:-:47247348-47247310	exon=> In CDS Exon 2 of transcript AGAP007532-PA

JHU_Ag_90740	AAEEHLNNLK	AGAP007532-PA	-	67	3.46E-06	1	1138.586	0.83	Male reproductive organs	2L:-:47247060-47247031	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_91271	AIALIVDEGRR	AGAP007532-PA	-	39	0.000531457	2	1212.708	1.42	Head	2L:-:47247579-47247547	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_91814	GTTPHADNIAR	AGAP007532-PA	-	56	3.95E-05	1	1152.578	2.18	Malpighian tubule	2L:-:47247780-47247748	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_91864	VETAAQLLEEASLMLR	AGAP007532-PA	M14(Oxidation)	61	9.35E-06	1	1789.935	-0.73	Malpighian tubule	2L:-:47248569-47248522	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_94269	AIALIVDEGRR	AGAP007532-PA	-	40	0.000480251	1	1212.707	1.25	Male reproductive organs	2L:-:47247579-47247547	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_98156	HSFLCDDAIR	AGAP007532-PA	C5(Carbamidomethyl)	56	2.60E-05	2	1233.571	2.5	Midgut	2L:-:47246931-47246902	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_99796	DNEIIAAAK	AGAP007532-PA	-	38	0.003099873	2	944.504	-0.37	Ovary	2L:-:47246367-47246341	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_102009	NVSTNISDPIAASNWR	AGAP007532-PA	-	121	1.21E-11	2	1744.872	5.88	Malpighian tubule	2L:-:47246721-47246674	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_103808	VGRETIQNSDDDILK	AGAP007532-PA	-	50	0.000156599	2	1702.869	5.13	Malpighian tubule	2L:-:47248641-47248597	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_103935	VLQLTTYDEDQSELDNLTVLK	AGAP007532-PA	-	119	1.58E-11	2	2437.243	3.36	Head	2L:-:47248071-47248009	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_104566	LVILHEEAEDGNAMPDLGKPVQAVSVAVTNLVR	AGAP007532-PA	M14(Oxidation)	82	3.89E-08	1	3500.838	-1.11	Midgut	2L:-:47248740-47248642	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_105264	QIQDAVVNR	AGAP007532-PA	-	39	0.001111 74	2	1042.564	-0.02	Head	2L:-:47247375-47247349	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_105894	VLLVAK	AGAP007532-PA	-	22	0.002852414	1	642.455	0.16	Ovary	2L:-:47246841-47246824	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_106010	GAVTHAPTVPEMPDLSQLQLGGGSHEVVPPPRPPLPR	AGAP007532-PA	M12(Oxidation)	119	7.23E-12	1	3850.027	5.18	Malpighian tubule	2L:-:47246631-47246521	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_106864	QIAEASEDVTR	AGAP007532-PA	-	68	2.57E-06	2	1218.599	2.09	Malpighian tubule	2L:-:47246253-47246221	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_107007	QFMEAVAQPEGTPGR	AGAP007532-PA	M3(Oxidation)	82	8.52E-08	2	1633.763	-0.46	Midgut	2L:-:47247309-47247265	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_107048	LEAANEWLR	AGAP007532-PA	-	61	9.72E-06	1	1101.568	-0.79	Male reproductive organs	2L:-:47247981-47247955	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_107941	DNEIIAAAK	AGAP007532-PA	-	42	0.000813935	1	944.500	-5.14	Male reproductive organs	2L:-:47246367-47246341	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_108515	LAGDITAMTNTLCDLR	AGAP007532-PA	M8(Oxidation), C13(Carbamidomethyl)	59	2.26E-05	2	1780.861	2.38	Head	2L:-:47247840-47247793	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_109293	TLCDQATDPADFIEASEK	AGAP007532-PA	C3(Carbamidomethyl)	117	2.20E-11	1	2010.897	0.6	Head	2L:-:47246997-47246944	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_109516	DKLGSLDQSVLNAIMGVDK	AGAP007532-PA	M15(Oxidation)	46	0.000363558	3	2019.044	0.47	Midgut	2L:-:47247738-47247682	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_110848	AIALIVDEGR	AGAP007532-PA	-	51	6.46E-05	2	1056.605	0.17	Midgut	2L:-:47247579-47247550	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_111009	AGLQQTAHTVQGR	AGAP007532-PA	-	88	2.20E-08	1	1366.718	-0.51	Midgut	2L:-:47247681-47247643	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_111111	ETIQNSDDDILKQDMPASLTR	AGAP007532-PA	M15(Oxidation)	71	1.49E-06	1	2406.149	1.42	Head	2L:-:47248632-47248570	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_112026	AAEEHLNNLK	AGAP007532-PA	-	70	1.51E-06	1	1138.580	-4.53	Head	2L:-:47247060-47247031	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_112359	TNLLQVCERIPTIGTQLK	AGAP007532-PA	C7(Carbamidomethyl)	59	5.16E-06	1	2084.167	6.49	Malpighian tubule	2L:-:47246175-47246122	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_113070	VLQLTTYDEDQSELDNLTVLKK	AGAP007532-PA	-	39	0.001041474	1	2565.339	3.81	Visceras	2L:-:47248071-47248006	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_114231	NKLEAANEWLR	AGAP007532-PA	-	78	1.84E-07	1	1343.706	-0.52	Male reproductive organs	2L:-:47247987-47247955	exon=> In CDS Exon 2 of transcript AGAP007532-PA

JHU_Ag_115270	MSEELQEIIR	AGAP007532-PA	-	55	4.88E-05	2	1247.628	-1.88	Midgut	2L:-:47248101-47248072	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_116264	ILAPILICSMK	AGAP007532-PA	C8(Carbamidomethyl), M10(Oxidation)	44	0.000269835	2	1274.722	0.36	Male reproductive organs	2L:-:47248212-47248180	exon=> In CDS Exon 2 of transcript AGAP007532-PA
JHU_Ag_117617	TIESILEPVAQQVSR	AGAP007532-PA	-	99	7.63E-10	1	1669.917	2.72	Head	2L:-:47250797-47250818,47246017-47248741	exon=> In CDS Exon 2 and 1 of transcript AGAP007532-PA
JHU_Ag_64673	IAEEARK	AGAP007533-PA	-	38	0.003745017	1	816.448	-11.58	Larva	2L:+:47262170-47262190	exon=> In CDS Exon 4 of transcript AGAP007533-PA
JHU_Ag_69524	IAEEARK	AGAP007533-PA	-	43	0.001107791	1	816.445	-14.87	Pupa	2L:+:47262170-47262190	exon=> In CDS Exon 4 of transcript AGAP007533-PA
JHU_Ag_69700	DGALR	AGAP007533-PA	-	43	0.001671623	1	531.288	-0.8	Malpighian tubule	2L:+:47259481-47259495	exon=> In CDS Exon 2 of transcript AGAP007533-PA
JHU_Ag_92043	DGALR	AGAP007533-PA	-	43	0.001603756	1	531.289	0.12	Midgut	2L:+:47259481-47259495	exon=> In CDS Exon 2 of transcript AGAP007533-PA
JHU_Ag_104260	DRIAEEAR	AGAP007533-PA	-	41	0.001319886	2	959.489	-1.8	Head	2L:+:47262164-47262187	exon=> In CDS Exon 4 of transcript AGAP007533-PA
JHU_Ag_642	KKPATNDPIIFSCR	AGAP007534-PB,AGAP007534-PC	C13(Carbamidomethyl)	44	0.000595408	1	1646.871	1.32	Malpighian tubule	2L:-:47269103-47269062;2L:-:47269103-47269062	exon=> In CDS Exon 3 of transcript AGAP007534-PB;exon=> In CDS Exon 2 of transcript AGAP007534-PC
JHU_Ag_8369	EPSELAATGQIPTSINIPLK	AGAP007534-PB,AGAP007534-PC	-	91	4.40E-09	2	2079.132	-0.45	Midgut	2L:-:47269300-47269422,47269006-47269161;2L:-:47269300-47269492,47269006-47269161	exon=> In CDS Exon 3 and 2 of transcript AGAP007534-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007534-PC
JHU_Ag_11757	FAPACIEPQLVATTADVDDLPNHPEK	AGAP007534-PB,AGAP007534-PC	C5(Carbamidomethyl)	109	1.80E-10	1	2848.390	2.67	Head	2L:-:47269396-47269319;2L:-:47269396-47269319	exon=> In CDS Exon 2 of transcript AGAP007534-PB;exon=> In CDS Exon 1 of transcript AGAP007534-PC
JHU_Ag_21136	KPATNDPIIFSCR	AGAP007534-PB,AGAP007534-PC	C12(Carbamidomethyl)	61	1.42E-05	1	1518.767	-4.04	Head	2L:-:47269100-47269062;2L:-:47269100-47269062	exon=> In CDS Exon 3 of transcript AGAP007534-PB;exon=> In CDS Exon 2 of transcript AGAP007534-PC
JHU_Ag_52727	NYVGSWLEYAAK	AGAP007534-PB,AGAP007534-PC	-	70	1.60E-06	2	1400.683	-1.07	Midgut	2L:-:47268908-47268873;2L:-:47268908-47268873	exon=> In CDS Exon 4 of transcript AGAP007534-PB;exon=> In CDS Exon 3 of transcript AGAP007534-PC
JHU_Ag_59779	NYVGSWLEYAAK	AGAP007534-PB,AGAP007534-PC	-	45	0.000433048	2	1400.690	3.81	Head	2L:-:47268908-47268873;2L:-:47268908-47268873	exon=> In CDS Exon 4 of transcript AGAP007534-PB;exon=> In CDS Exon 3 of transcript AGAP007534-PC
JHU_Ag_73101	EPSELAATGQIPTSINIPLK	AGAP007534-PB,AGAP007534-PC	-	100	5.37E-10	2	2079.136	1.31	Head	2L:-:47269300-47269422,47269006-47269161;2L:-:47269300-47269492,47269006-47269161	exon=> In CDS Exon 3 and 2 of transcript AGAP007534-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007534-PC
JHU_Ag_77951	AGQASFEADQLGFK	AGAP007534-PB,AGAP007534-PC	-	86	3.52E-08	2	1468.712	3.46	Visceras	2L:-:47269049-47269008;2L:-:47269049-47269008	exon=> In CDS Exon 3 of transcript AGAP007534-PB;exon=> In CDS Exon 2 of transcript AGAP007534-PC

JHU_Ag_96524	AGQASFEADQLGFK	AGAP007534-PB,AGAP007534-PC	-	62	8.57E-06	2	1468.709	1.3	Ovary	2L:-:47269049-47269008;2L:-:47269049-47269008	exon=> In CDS Exon 3 of transcript AGAP007534-PB;exon=> In CDS Exon 2 of transcript AGAP007534-PC
JHU_Ag_101133	TELSLSPEEFEKK	AGAP007534-PB,AGAP007534-PC	-	61	1.21E-05	1	1536.779	0.14	Midgut	2L:-:47269151-47269113;2L:-:47269151-47269113	exon=> In CDS Exon 3 of transcript AGAP007534-PB;exon=> In CDS Exon 2 of transcript AGAP007534-PC
JHU_Ag_107006	EPSELAATGQIPTSINIPLK	AGAP007534-PB,AGAP007534-PC	-	136	1.40E-13	1	2079.135	0.72	Ovary	2L:-:47269300-47269422,47269006-47269161;2L:-:47269300-47269492,47269006-47269161	exon=> In CDS Exon 3 and 2 of transcript AGAP007534-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007534-PC
JHU_Ag_110065	TELSLSPEEFEK	AGAP007534-PB,AGAP007534-PC	-	38	0.002370521	1	1408.687	1.89	Ovary	2L:-:47269151-47269116;2L:-:47269151-47269116	exon=> In CDS Exon 3 of transcript AGAP007534-PB;exon=> In CDS Exon 2 of transcript AGAP007534-PC
JHU_Ag_114266	EPSELAATGQIPTSINIPLK	AGAP007534-PB,AGAP007534-PC	-	68	7.99E-07	1	2079.136	1.43	Visceras	2L:-:47269300-47269422,47269006-47269161;2L:-:47269300-47269492,47269006-47269161	exon=> In CDS Exon 3 and 2 of transcript AGAP007534-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007534-PC
JHU_Ag_69520	LLIDVR	AGAP007534-PB,AGAP013228-PA,AGAP007534-PC	-	35	0.001944697	2	728.468	1.67	Ovary	2L:-:47269318-47269301;2L:-:47268333-47268316;2L:-:47269318-47269301	exon=> In CDS Exon 2 of transcript AGAP007534-PB;exon=> In CDS Exon 1 of transcript AGAP013228-PA;exon=> In CDS Exon 1 of transcript AGAP007534-PC
JHU_Ag_72529	LLIDVR	AGAP007534-PB,AGAP013228-PA,AGAP007534-PC	-	34	0.001071819	2	728.465	-2.1	Head	2L:-:47269318-47269301;2L:-:47268333-47268316;2L:-:47269318-47269301	exon=> In CDS Exon 2 of transcript AGAP007534-PB;exon=> In CDS Exon 1 of transcript AGAP013228-PA;exon=> In CDS Exon 1 of transcript AGAP007534-PC
JHU_Ag_74067	LLIDVR	AGAP007534-PB,AGAP013228-PA,AGAP007534-PC	-	30	0.003112585	2	728.466	-1.43	Malpighian tubule	2L:-:47269318-47269301;2L:-:47268333-47268316;2L:-:47269318-47269301	exon=> In CDS Exon 2 of transcript AGAP007534-PB;exon=> In CDS Exon 1 of transcript AGAP013228-PA;exon=> In CDS Exon 1 of transcript AGAP007534-PC
JHU_Ag_115161	LLIDVR	AGAP007534-PB,AGAP013228-PA,AGAP007534-PC	-	32	0.003379497	2	728.467	0.84	Visceras	2L:-:47269318-47269301;2L:-:47268333-47268316;2L:-:47269318-47269301	exon=> In CDS Exon 2 of transcript AGAP007534-PB;exon=> In CDS Exon 1 of transcript AGAP013228-PA;exon=> In CDS Exon 1 of transcript AGAP007534-PC
JHU_Ag_93215	LQELNR	AGAP007535-PA	Q2(Deamidated)	43	0.000724234	2	773.415	-0.66	Male reproductive organs	2L:+:47274516-47274533	exon=> In CDS Exon 3 of transcript AGAP007535-PA

JHU_Ag_8489	QICPNNSPTNQRELIR	AGAP007537-PA,AGAP007537-PB	Q1(Deamidated), C3(Carbamidomethyl), Q11(Deamidated)	32	0.009012341	1	1941.939	-2.91	Head	2L:+:47342894-47342896,47342964-47343008;2L:+:47342894-47342896,47342964-47343008	exon=> In CDS Exon 11 and 12 of transcript AGAP007537-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP007537-PB
JHU_Ag_12203	IEQIQIER	AGAP007541-PA	Q5(Deamidated)	39	0.001748728	1	1029.568	10.43	Salivary gland	2L:-:47433046-47433023	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_36783	LLELQDFNK	AGAP007541-PA	-	54	5.47E-05	2	1119.604	-0.29	Salivary gland	2L:-:47432884-47432858	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_37957	MAAQQSAQIPNNAGLK	AGAP007541-PA	M1(Oxidation)	49	0.000184014	2	1657.832	-0.31	Salivary gland	2L:-:47432782-47432735	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_44375	AVNLFPAGTISR	AGAP007541-PA	-	35	0.003510819	2	1245.696	0.53	Ovary	2L:-:47432680-47432645	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_45081	ALVDLAYNNDPR	AGAP007541-PA	-	71	1.18E-06	2	1360.682	-2.88	Salivary gland	2L:-:47433235-47433200	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_49397	IIDNSEISTK	AGAP007541-PA	-	59	2.21E-05	2	1119.591	1.89	Salivary gland	2L:-:47432458-47432429	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_54932	FTATDEDIKR	AGAP007541-PA	-	42	0.000741184	1	1195.596	0.19	Salivary gland	2L:-:47433739-47433710	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_60614	TVVNQQAYESFER	AGAP007541-PA	-	83	6.97E-08	2	1570.755	3.2	Malpighian tubule	2L:-:47432515-47432477	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_72944	TVVNQQAYESFER	AGAP007541-PA	-	89	1.65E-08	2	1570.751	0.56	Ovary	2L:-:47432515-47432477	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_77842	ALVDLAYNNDPR	AGAP007541-PA	-	77	3.70E-07	2	1360.690	3.49	Malpighian tubule	2L:-:47433235-47433200	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_82479	ALVDLAYNNDPR	AGAP007541-PA	-	39	0.001952219	1	1360.687	1.06	Male reproductive organs	2L:-:47433235-47433200	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_97254	SAAGTKWDETLEYLQYLHETQPIVPK	AGAP007541-PA	-	61	9.94E-06	1	3017.528	0.84	Ovary	2L:-:47434112-47434035	exon=> In CDS Exon 1 of transcript AGAP007541-PA
JHU_Ag_100409	DFFGSLADVFK	AGAP007541-PA	-	59	1.94E-05	2	1245.619	3	Ovary	2L:-:47433511-47433479	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_100607	TVVNQQAYESFER	AGAP007541-PA	-	86	3.56E-08	1	1570.753	1.88	Salivary gland	2L:-:47432515-47432477	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_109253	AVNLFPAGTISR	AGAP007541-PA	-	46	0.000285781	2	1245.697	1.22	Salivary gland	2L:-:47432680-47432645	exon=> In CDS Exon 2 of transcript AGAP007541-PA
JHU_Ag_6659	NGETPVPGPMPTEGEEDGK	AGAP007542-PA	M10(Oxidation)	85	2.17E-08	1	1956.851	0.77	Head	2L:-:47437488-47437432	exon=> In CDS Exon 1 of transcript AGAP007542-PA
JHU_Ag_29699	AVNLPPVTPLLKPIQHYLK	AGAP007542-PA	N-Term(Acetyl)	46	1.06E-05	1	2183.297	0.77	Midgut	2L:-:47437950-47437894	exon=> In CDS Exon 1 of transcript AGAP007542-PA
JHU_Ag_75582	LLQTGQDG	AGAP007542-PA	-	45	0.000531796	1	831.421	0.81	Malpighian tubule	2L:-:47437026-47437003	exon=> In CDS Exon 1 of transcript AGAP007542-PA
JHU_Ag_79396	AVNLPPVTPLLKPIQHYLK	AGAP007542-PA	N-Term(Acetyl)	68	5.70E-08	1	2183.298	1.19	Ovary	2L:-:47437950-47437894	exon=> In CDS Exon 1 of transcript AGAP007542-PA
JHU_Ag_91944	AVNLPPVTPLLKPIQHYLK	AGAP007542-PA	N-Term(Acetyl)	19	0.0039095	1	2183.303	3.37	Head	2L:-:47437950-47437894	exon=> In CDS Exon 1 of transcript AGAP007542-PA
JHU_Ag_106008	AVNLPPVTPLLKPIQHYLK	AGAP007542-PA	N-Term(Acetyl)	36	7.18E-05	1	2183.303	3.79	Malpighian tubule	2L:-:47437950-47437894	exon=> In CDS Exon 1 of transcript AGAP007542-PA
JHU_Ag_9899	HGEVCPAGWKPGQDTIVPNPEEK	AGAP007543-PA	C5(Carbamidomethyl)	93	7.37E-09	1	2545.229	5.91	Midgut	2L:+:47439303-47439347,47439423-47439446	exon=> In CDS Exon 2 and 3 of transcript AGAP007543-PA
JHU_Ag_20491	INIPLVSDITHSISK	AGAP007543-PA	-	43	0.000127119	1	1636.936	5.68	Ovary	2L:+:47439019-47439063	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_35420	AVISRPAPAFEATAVVDGAFK	AGAP007543-PA	-	58	1.29E-05	3	2117.137	-0.9	Midgut	2L:+:47438740-47438802	exon=> In CDS Exon 1 of transcript AGAP007543-PA

JHU_Ag_36702	DYGVFLDDLGHTLR	AGAP007543-PA	-	85	6.52E-08	1	1620.803	0.66	Malpighian tubule	2L:+:47439064-47439104,47439182-47439182	exon=> In CDS Exon 1 and 2 of transcript AGAP007543-PA
JHU_Ag_37275	DYGVFLDDLGHTLR	AGAP007543-PA	-	75	5.52E-07	1	1620.797	-2.8	Pupa	2L:+:47439064-47439104,47439182-47439182	exon=> In CDS Exon 1 and 2 of transcript AGAP007543-PA
JHU_Ag_37894	INIPLVSDITHSISK	AGAP007543-PA	-	55	9.91E-06	1	1636.930	1.95	Malpighian tubule	2L:+:47439019-47439063	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_39227	LNAEVIAASIDSHFTHLAWINTPR	AGAP007543-PA	-	87	1.32E-08	1	2676.404	5.43	Ovary	2L:+:47438926-47438997	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_40974	LQYTK	AGAP007543-PA	-	31	0.003324 94	1	652.366	-0.29	Male reproductive organs	2L:+:47438725-47438739	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_42492	DYGVFLDDLGHTLR	AGAP007543-PA	-	113	1.04E-10	1	1620.802	-0.02	Midgut	2L:+:47439064-47439104,47439182-47439182	exon=> In CDS Exon 1 and 2 of transcript AGAP007543-PA
JHU_Ag_44110	GLFIIDDR	AGAP007543-PA	-	50	0.000143 848	2	948.515	-0.34	Male reproductive organs	2L:+:47439183-47439206	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_47617	INIPLVSDITHSISK	AGAP007543-PA	-	85	1.13E-08	1	1636.925	-1.18	Midgut	2L:+:47439019-47439063	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_50844	FVDHKLQYTK	AGAP007543-PA	-	50	0.000115 852	1	1278.685	0.48	Malpighian tubule	2L:+:47438710-47438739	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_51057	GLFIIDDR	AGAP007543-PA	-	42	0.000814 874	1	948.515	-0.02	Salivary gland	2L:+:47439183-47439206	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_51778	AVISRPAPAFEATAVVDGAFK	AGAP007543-PA	-	103	3.32E-10	1	2117.141	0.91	Male reproductive organs	2L:+:47438740-47438802	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_56052	QITMNDLPVGR	AGAP007543-PA	M4(Oxidation)	52	0.000122 017	1	1259.641	-0.03	Male reproductive organs	2L:+:47439219-47439251	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_57526	DYGVFLDDLGHTLR	AGAP007543-PA	-	93	9.04E-09	1	1620.807	3.37	Visceras	2L:+:47439064-47439104,47439182-47439182	exon=> In CDS Exon 1 and 2 of transcript AGAP007543-PA
JHU_Ag_62516	GLFIIDDR	AGAP007543-PA	-	42	0.000880 673	1	948.513	-2.47	Midgut	2L:+:47439183-47439206	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_65866	LVQAFQYTDK	AGAP007543-PA	-	53	5.41E-05	1	1212.627	0.93	Midgut	2L:+:47439273-47439302	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_66158	AVISRPAPAFEATAVVDGAFKK	AGAP007543-PA	-	96	8.38E-10	1	2245.248	6.3	Malpighian tubule	2L:+:47438740-47438805	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_68313	LNAEVIAASIDSHFTHLAWINTPR	AGAP007543-PA	-	94	2.89E-09	1	2676.407	6.73	Visceras	2L:+:47438926-47438997	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_69167	AVISRPAPAFEATAVVDGAFKK	AGAP007543-PA	-	89	3.90E-09	1	2245.236	1.08	Male reproductive organs	2L:+:47438740-47438805	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_70546	INIPLVSDITHSISK	AGAP007543-PA	-	85	1.04E-08	1	1636.929	1.05	Male reproductive organs	2L:+:47439019-47439063	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_75122	HGEVCPAGWKPGQDTIVPNPEEK	AGAP007543-PA	C5(Carbamidomethyl)	121	1.38E-11	1	2545.231	6.63	Ovary	2L:+:47439303-47439347,47439423-47439446	exon=> In CDS Exon 2 and 3 of transcript AGAP007543-PA
JHU_Ag_76920	HGEVCPAGWKPGQDTIVPNPEEK	AGAP007543-PA	C5(Carbamidomethyl)	125	5.11E-12	1	2545.220	2.45	Male reproductive organs	2L:+:47439303-47439347,47439423-47439446	exon=> In CDS Exon 2 and 3 of transcript AGAP007543-PA
JHU_Ag_77994	LVQAFQYTDK	AGAP007543-PA	-	66	3.47E-06	1	1212.625	-1.05	Male reproductive organs	2L:+:47439273-47439302	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_84263	KLNAEVIAASIDSHFTHLAWINTPR	AGAP007543-PA	-	153	3.55E-15	1	2804.471	-4.64	Midgut	2L:+:47438923-47438997	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_85976	QITMNDLPVGR	AGAP007543-PA	M4(Oxidation)	52	8.92E-05	2	1243.648	1.18	Midgut	2L:+:47439219-47439251	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_97502	AVISRPAPAFEATAVVDGAFKK	AGAP007543-PA	-	68	6.52E-07	1	2245.231	-1.37	Midgut	2L:+:47438740-47438805	exon=> In CDS Exon 1 of transcript AGAP007543-PA

JHU_Ag_103097	DYGVFLDDLGHTLR	AGAP007543-PA	-	93	9.47E-09	1	1620.806	2.54	Ovary	2L:+:47439064-47439104,47439182-47439182	exon=> In CDS Exon 1 and 2 of transcript AGAP007543-PA
JHU_Ag_103827	LNAEVIAASIDSHFTHLAWINTPR	AGAP007543-PA	-	39	0.001120798	1	2676.387	-0.76	Midgut	2L:+:47438926-47438997	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_106535	GLFIIDDR	AGAP007543-PA	-	47	0.000251133	2	948.514	-0.54	Ovary	2L:+:47439183-47439206	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_106589	GLFIIDDRGVLR	AGAP007543-PA	-	75	1.51E-07	1	1373.791	0.53	Ovary	2L:+:47439183-47439218	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_109741	QITMNDLPVGR	AGAP007543-PA	M4(Oxidation)	39	0.002126967	1	1259.642	0.26	Ovary	2L:+:47439219-47439251	exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_112375	INIPLVSDITHSISK	AGAP007543-PA	-	43	0.000161551	1	1636.929	1.05	Head	2L:+:47439019-47439063	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_115276	AVISRPAPAFEATAVVDGAFKK	AGAP007543-PA	-	70	3.21E-07	1	2245.235	0.64	Ovary	2L:+:47438740-47438805	exon=> In CDS Exon 1 of transcript AGAP007543-PA
JHU_Ag_115340	DYGVFLDDLGHTLR	AGAP007543-PA	-	113	1.01E-10	1	1620.804	1.26	Male reproductive organs	2L:+:47439064-47439104,47439182-47439182	exon=> In CDS Exon 1 and 2 of transcript AGAP007543-PA
JHU_Ag_86170	SVTDSSGEEQLFK	AGAP007545-PA	-	42	0.000799117	2	1426.670	0.28	Ovary	2L:+:47458348-47458377,47458999-47459007	exon=> In CDS Exon 2 and 3 of transcript AGAP007545-PA
JHU_Ag_1100	VEFDDIYPLK	AGAP007545-PA,AGAP007545-PB	-	71	1.03E-06	1	1238.633	2.3	Head	2L:+:47462602-47462631;2L:+:47462602-47462631	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_1698	GLYGVSVGCVGR	AGAP007545-PA,AGAP007545-PB	C9(Carbamidomethyl)	72	8.74E-07	2	1223.627	5.48	Malpighian tubule	2L:+:47461936-47461971;2L:+:47461936-47461971	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_6935	LFNSPSDPENFRPYAWWVSR	AGAP007545-PA,AGAP007545-PB	-	46	0.000369 93	1	2468.180	0.85	Ovary	2L:+:47461132-47461191;2L:+:47461132-47461191	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_9970	ALLLNGEPVDLRSYAER	AGAP007545-PA,AGAP007545-PB	-	47	0.000172842	1	1916.033	4.95	Malpighian tubule	2L:+:47461885-47461935;2L:+:47461885-47461935	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_13930	STECWQTLTYACR	AGAP007545-PA,AGAP007545-PB	C4(Carbamidomethyl), C12(Carbamidomethyl)	48	0.000111569	1	1675.725	2.79	Head	2L:+:47461084-47461122;2L:+:47461084-47461122	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_16285	FLFQENPPPNVR	AGAP007545-PA,AGAP007545-PB	-	62	8.88E-06	1	1457.762	5.82	Ovary	2L:+:47462632-47462667;2L:+:47462632-47462667	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_17905	FLFQENPPPNVR	AGAP007545-PA,AGAP007545-PB	-	54	6.09E-05	2	1457.757	2.22	Head	2L:+:47462632-47462667;2L:+:47462632-47462667	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_21634	YDFQGAFR	AGAP007545-PA,AGAP007545-PB	-	52	4.73E-05	2	1003.464	0.37	Salivary gland	2L:+:47462191-47462214;2L:+:47462191-47462214	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_24331	TTIENAVLLHAR	AGAP007545-PA,AGAP007545-PB	-	86	1.25E-08	1	1337.755	1.24	Salivary gland	2L:+:47461552-47461587;2L:+:47461552-47461587	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_28467	VEFDDIYPLK	AGAP007545-PA,AGAP007545-PB	-	49	0.000178703	2	1238.632	1.31	Pupa	2L:+:47462602-47462631;2L:+:47462602-47462631	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_30815	YDLLRDPIAATR	AGAP007545-PA,AGAP007545-PB	-	38	0.002041183	1	1403.761	-1.94	Salivary gland	2L:+:47459258-47459293;2L:+:47459258-47459293	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB

JHU_Ag_31262	VVTVLSHSSEHTTR	AGAP007545-PA,AGAP007545-PB	-	60	1.30E-05	1	1552.807	-0.4	Pupa	2L:+:47460955-47460996;2L:+:47460955-47460996	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_34071	VGFTTTNPK	AGAP007545-PA,AGAP007545-PB	-	36	0.003699412	2	964.509	-0.49	Head	2L:+:47462239-47462265;2L:+:47462239-47462265	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_34412	YDLLRDPIAATR	AGAP007545-PA,AGAP007545-PB	-	55	4.11E-05	1	1403.761	-2.53	Visceras	2L:+:47459258-47459293;2L:+:47459258-47459293	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB
JHU_Ag_35278	FGDTGTPVDEK	AGAP007545-PA,AGAP007545-PB	-	59	1.49E-05	2	1165.539	1.83	Larva	2L:+:47461375-47461407;2L:+:47461375-47461407	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_35558	TTIENAVLLHAR	AGAP007545-PA,AGAP007545-PB	-	100	4.88E-10	2	1337.754	-0.03	Ovary	2L:+:47461552-47461587;2L:+:47461552-47461587	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_41465	IEIDVDGSGPLAPFPVTCEFYSDGR	AGAP007545-PA,AGAP007545-PB	C18(Carbamidomethyl)	34	0.005447734	1	2741.294	6.31	Head	2L:+:47460880-47460954;2L:+:47460880-47460954	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_42019	VVTVLSHSSEHTTR	AGAP007545-PA,AGAP007545-PB	-	82	8.55E-08	1	1552.815	4.6	Larva	2L:+:47460955-47460996;2L:+:47460955-47460996	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_42044	DIIFSVDR	AGAP007545-PA,AGAP007545-PB	-	44	0.000541654	2	964.512	2.41	Salivary gland	2L:+:47459507-47459530;2L:+:47459507-47459530	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB
JHU_Ag_43554	GTQGDYFALQIK	AGAP007545-PA,AGAP007545-PB	-	55	3.47E-05	1	1340.690	3.7	Ovary	2L:+:47459354-47459389;2L:+:47459354-47459389	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB
JHU_Ag_43721	FGDTGTPVDEK	AGAP007545-PA,AGAP007545-PB	-	43	0.000646612	2	1165.542	4.24	Ovary	2L:+:47461375-47461407;2L:+:47461375-47461407	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_45007	YTLGPLR	AGAP007545-PA,AGAP007545-PB	-	34	0.0033441	2	819.472	-0.67	Ovary	2L:+:47461417-47461437;2L:+:47461417-47461437	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_45448	LLFEYQAGTGTQK	AGAP007545-PA,AGAP007545-PB	-	73	5.70E-07	1	1455.756	5.44	Salivary gland	2L:+:47461633-47461671;2L:+:47461633-47461671	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_49809	DSYSEYDCNEPLLEHAVLSATSQLR	AGAP007545-PA,AGAP007545-PB	C8(Carbamidomethyl)	170	1.38E-16	1	2897.336	3.44	Head	2L:+:47449397-47449471;2L:+:47449397-47449471	exon=> In CDS Exon 1 of transcript AGAP007545-PA;exon=> In CDS Exon 1 of transcript AGAP007545-PB
JHU_Ag_51684	ALLLNGEPVDLR	AGAP007545-PA,AGAP007545-PB	-	58	5.77E-06	1	1309.750	2.04	Malpighian tubule	2L:+:47461885-47461920;2L:+:47461885-47461920	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_51696	FLFQENPPPNVR	AGAP007545-PA,AGAP007545-PB	-	58	2.50E-05	1	1457.758	2.89	Salivary gland	2L:+:47462632-47462667;2L:+:47462632-47462667	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_54764	LIDITTGTLYYIGGGK	AGAP007545-PA,AGAP007545-PB	-	79	9.95E-08	2	1684.919	1.9	Pupa	2L:+:47460529-47460576;2L:+:47460529-47460576	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_54872	MTHVTYNCPEPPINPVTFLTR	AGAP007545-PA,AGAP007545-PB	M1(Oxidation), C8(Carbamidomethyl)	67	2.77E-06	1	2503.218	2.75	Head	2L:+:47459810-47459872;2L:+:47459810-47459872	exon=> In CDS Exon 5 of transcript AGAP007545-PA;exon=> In CDS Exon 5 of transcript AGAP007545-PB
JHU_Ag_55411	YDLLRDPIAATR	AGAP007545-PA,AGAP007545-PB	-	57	2.38E-05	2	1403.765	0.87	Head	2L:+:47459258-47459293;2L:+:47459258-47459293	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB

JHU_Ag_56078	GTQGDYFALQIKDNR	AGAP007545-PA,AGAP007545-PB	-	80	1.46E-07	2	1725.859	2.04	Head	2L:+:47459354-47459398;2L:+:47459354-47459398	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB
JHU_Ag_57819	LFNSPSDPENFRPYAWWVSR	AGAP007545-PA,AGAP007545-PB	-	106	3.75E-10	1	2468.186	3.3	Head	2L:+:47461132-47461191;2L:+:47461132-47461191	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_58102	FGDTGTPVDEK	AGAP007545-PA,AGAP007545-PB	-	63	6.03E-06	2	1165.537	-0.16	Head	2L:+:47461375-47461407;2L:+:47461375-47461407	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_58651	VGFTTTNPK	AGAP007545-PA,AGAP007545-PB	-	45	0.000422398	2	964.512	2.16	Salivary gland	2L:+:47462239-47462265;2L:+:47462239-47462265	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_58778	YDFQGAFR	AGAP007545-PA,AGAP007545-PB	-	58	1.65E-05	2	1003.466	3.16	Ovary	2L:+:47462191-47462214;2L:+:47462191-47462214	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_59050	VEFDDIYPLK	AGAP007545-PA,AGAP007545-PB	-	77	2.69E-07	1	1238.634	3.09	Salivary gland	2L:+:47462602-47462631;2L:+:47462602-47462631	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_59271	VVFDFGFER	AGAP007545-PA,AGAP007545-PB	-	41	0.000967799	2	1115.557	4.02	Ovary	2L:+:47462344-47462370;2L:+:47462344-47462370	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_60460	VVFDFGFER	AGAP007545-PA,AGAP007545-PB	-	50	0.000105149	2	1115.555	2.49	Pupa	2L:+:47462344-47462370;2L:+:47462344-47462370	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_60979	LFNSPSDPENFRPYAWWVSR	AGAP007545-PA,AGAP007545-PB	-	35	0.004491559	1	2468.191	5.15	Pupa	2L:+:47461132-47461191;2L:+:47461132-47461191	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_61286	YDLLRDPIAATR	AGAP007545-PA,AGAP007545-PB	-	43	0.000599043	1	1403.764	-0.24	Pupa	2L:+:47459258-47459293;2L:+:47459258-47459293	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB
JHU_Ag_64815	YDLLRDPIAATR	AGAP007545-PA,AGAP007545-PB	-	53	6.06E-05	1	1403.764	-0.11	Ovary	2L:+:47459258-47459293;2L:+:47459258-47459293	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB
JHU_Ag_66200	LLFEYQAGTGTQK	AGAP007545-PA,AGAP007545-PB	-	36	0.003218181	2	1455.751	2.08	Pupa	2L:+:47461633-47461671;2L:+:47461633-47461671	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_67678	TTIENAVLLHAR	AGAP007545-PA,AGAP007545-PB	-	87	9.87E-09	2	1337.756	1.79	Head	2L:+:47461552-47461587;2L:+:47461552-47461587	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_67810	MNSFEVPIIAQWVR	AGAP007545-PA,AGAP007545-PB	M1(Oxidation)	82	8.29E-08	2	1705.879	3.2	Head	2L:+:47459035-47459076;2L:+:47459035-47459076	exon=> In CDS Exon 3 of transcript AGAP007545-PA;exon=> In CDS Exon 3 of transcript AGAP007545-PB
JHU_Ag_68429	VEFDDIYPLK	AGAP007545-PA,AGAP007545-PB	-	36	0.00339729	2	1238.632	1.31	Visceras	2L:+:47462602-47462631;2L:+:47462602-47462631	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_69147	FGDTGTPVDEKLGR	AGAP007545-PA,AGAP007545-PB	-	56	4.74E-05	1	1491.750	3.9	Malpighian tubule	2L:+:47461375-47461416;2L:+:47461375-47461416	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_70196	NSGSTVVLSVDNYEPQEYHFDIK	AGAP007545-PA,AGAP007545-PB	-	76	3.33E-07	1	2641.243	0.37	Head	2L:+:47462440-47462508;2L:+:47462440-47462508	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_70625	TAHPNGVLLYSR	AGAP007545-PA,AGAP007545-PB	-	69	1.28E-06	1	1327.707	-3.43	Head	2L:+:47459318-47459353;2L:+:47459318-47459353	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB

JHU_Ag_73292	LIDITTGTLYYIGGGK	AGAP007545-PA,AGAP007545-PB	-	84	3.27E-08	1	1684.918	1.54	Head	2L:+:47460529-47460576;2L:+:47460529-47460576	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_75228	QRIEIDVDGSGPLAPFPVTCEFYSDGR	AGAP007545-PA,AGAP007545-PB	C20(Carbamidomethyl)	56	3.62E-05	1	3025.441	1.55	Head	2L:+:47460874-47460954;2L:+:47460874-47460954	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_75407	STECWQTLTYACR	AGAP007545-PA,AGAP007545-PB	C4(Carbamidomethyl), C12(Carbamidomethyl)	61	5.48E-06	2	1675.725	2.64	Salivary gland	2L:+:47461084-47461122;2L:+:47461084-47461122	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_79044	NSLVLSIDDRPMETTK	AGAP007545-PA,AGAP007545-PB	M12(Oxidation)	60	1.58E-05	1	1834.931	4.9	Larva	2L:+:47460134-47460180,47460528;2L:+:47460134-47460180,47460528-47460528	exon=> In CDS Exon 5 and 6 of transcript AGAP007545-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP007545-PB
JHU_Ag_80347	VGFTTTNPK	AGAP007545-PA,AGAP007545-PB	-	55	4.32E-05	2	964.513	3.11	Malpighian tubule	2L:+:47462239-47462265;2L:+:47462239-47462265	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_83708	LLFEYQAGTGTQK	AGAP007545-PA,AGAP007545-PB	-	89	1.61E-08	1	1455.753	3.51	Ovary	2L:+:47461633-47461671;2L:+:47461633-47461671	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_83736	LLFEYQAGTGTQK	AGAP007545-PA,AGAP007545-PB	-	65	4.12E-06	2	1455.751	2	Head	2L:+:47461633-47461671;2L:+:47461633-47461671	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_85250	ALLLNGEPVDLR	AGAP007545-PA,AGAP007545-PB	-	64	1.76E-06	1	1309.749	0.83	Salivary gland	2L:+:47461885-47461920;2L:+:47461885-47461920	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_87100	LIDITTGTLYYIGGGK	AGAP007545-PA,AGAP007545-PB	-	63	4.02E-06	2	1684.920	2.84	Salivary gland	2L:+:47460529-47460576;2L:+:47460529-47460576	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_90424	VVFDFGFER	AGAP007545-PA,AGAP007545-PB	-	60	1.09E-05	2	1115.550	-1.89	Visceras	2L:+:47462344-47462370;2L:+:47462344-47462370	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_92220	MNSFEVPIIAQWVR	AGAP007545-PA,AGAP007545-PB	M1(Oxidation)	61	1.10E-05	2	1705.878	2.63	Ovary	2L:+:47459035-47459076;2L:+:47459035-47459076	exon=> In CDS Exon 3 of transcript AGAP007545-PA;exon=> In CDS Exon 3 of transcript AGAP007545-PB
JHU_Ag_94447	ALLLNGEPVDLR	AGAP007545-PA,AGAP007545-PB	-	64	1.76E-06	1	1309.748	0.55	Ovary	2L:+:47461885-47461920;2L:+:47461885-47461920	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_98762	VEFDDIYPLK	AGAP007545-PA,AGAP007545-PB	-	54	5.90E-05	1	1238.631	0.33	Malpighian tubule	2L:+:47462602-47462631;2L:+:47462602-47462631	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_102153	FLFQENPPPNVR	AGAP007545-PA,AGAP007545-PB	-	72	9.67E-07	2	1457.757	2.14	Pupa	2L:+:47462632-47462667;2L:+:47462632-47462667	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_102929	GLYGVSVGCVGR	AGAP007545-PA,AGAP007545-PB	C9(Carbamidomethyl)	68	2.33E-06	2	1223.623	2.09	Ovary	2L:+:47461936-47461971;2L:+:47461936-47461971	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_103079	DSYSEYDCNEPLLEHAVLSATSQLR	AGAP007545-PA,AGAP007545-PB	C8(Carbamidomethyl)	115	4.28E-11	1	2897.323	-0.98	Visceras	2L:+:47449397-47449471;2L:+:47449397-47449471	exon=> In CDS Exon 1 of transcript AGAP007545-PA;exon=> In CDS Exon 1 of transcript AGAP007545-PB
JHU_Ag_104419	GAEAALDPDEAVVQSTTGHQVTK	AGAP007545-PA,AGAP007545-PB	-	44	0.000512574	1	2324.143	2.78	Head	2L:+:47462981-47463049;2L:+:47462981-47463049	exon=> In CDS Exon 8 of transcript AGAP007545-PA;exon=> In CDS Exon 8 of transcript AGAP007545-PB

JHU_Ag_104643	VVTVLSHSSEHTTR	AGAP007545-PA,AGAP007545-PB	-	124	5.21E-12	1	1552.811	2.09	Head	2L:+:47460955-47460996;2L:+:47460955-47460996	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_106903	GTQGDYFALQIK	AGAP007545-PA,AGAP007545-PB	-	75	4.08E-07	2	1340.689	3.06	Salivary gland	2L:+:47459354-47459389;2L:+:47459354-47459389	exon=> In CDS Exon 4 of transcript AGAP007545-PA;exon=> In CDS Exon 4 of transcript AGAP007545-PB
JHU_Ag_107186	SFAIDGNYR	AGAP007545-PA,AGAP007545-PB	-	41	0.000535731	2	1042.495	0.01	Salivary gland	2L:+:47460607-47460633;2L:+:47460607-47460633	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_110996	ALLLNGEPVDLR	AGAP007545-PA,AGAP007545-PB	-	65	1.42E-06	1	1309.749	1.2	Head	2L:+:47461885-47461920;2L:+:47461885-47461920	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_112097	DAFYDGEHLR	AGAP007545-PA,AGAP007545-PB	-	51	7.02E-05	1	1222.551	1.68	Head	2L:+:47459774-47459803;2L:+:47459774-47459803	exon=> In CDS Exon 5 of transcript AGAP007545-PA;exon=> In CDS Exon 5 of transcript AGAP007545-PB
JHU_Ag_112889	SFAIDGNYR	AGAP007545-PA,AGAP007545-PB	-	38	0.001117035	2	1042.496	0.95	Pupa	2L:+:47460607-47460633;2L:+:47460607-47460633	exon=> In CDS Exon 6 of transcript AGAP007545-PA;exon=> In CDS Exon 6 of transcript AGAP007545-PB
JHU_Ag_114290	VEFDDIYPLK	AGAP007545-PA,AGAP007545-PB	-	48	0.00021721	1	1238.635	4.07	Ovary	2L:+:47462602-47462631;2L:+:47462602-47462631	exon=> In CDS Exon 7 of transcript AGAP007545-PA;exon=> In CDS Exon 7 of transcript AGAP007545-PB
JHU_Ag_63749	SGYVLPVDPLFVAK	AGAP007548-PB	-	57	1.12E-05	1	1504.845	2.47	Head	2L:-:47494438-47494397	exon=> In CDS Exon 1 of transcript AGAP007548-PB
JHU_Ag_74033	GGGGANATGSTGGGGVK	AGAP007548-PB,AGAP007548-PA	-	48	0.000230132	1	1304.622	2.37	Head	2L:-:47480102-47480052;2L:-:47480102-47480052	exon=> In CDS Exon 3 of transcript AGAP007548-PB;exon=> In CDS Exon 2 of transcript AGAP007548-PA
JHU_Ag_81964	WNPGVPATLSYLPLPAQDR	AGAP007549-PA	-	69	1.49E-06	1	2095.099	0.71	Pupa	2L:+:47506252-47506308	exon=> In CDS Exon 2 of transcript AGAP007549-PA
JHU_Ag_100886	SQPLMPYPDWSYHTSPR	AGAP007549-PA	M5(Oxidation)	35	0.003467671	1	2077.942	-0.73	Pupa	2L:+:47506309-47506359	exon=> In CDS Exon 2 of transcript AGAP007549-PA
JHU_Ag_111712	DGQCEDAFAYVADVWR	AGAP007549-PA	C4(Carbamidomethyl)	122	3.61E-12	2	1901.811	-0.74	Pupa	2L:+:47506594-47506641	exon=> In CDS Exon 2 of transcript AGAP007549-PA
JHU_Ag_111840	LPVFLYDKLDYTQTNFR	AGAP007549-PA	-	131	9.94E-13	1	2133.104	1.21	Pupa	2L:+:47507158-47507208	exon=> In CDS Exon 2 of transcript AGAP007549-PA
JHU_Ag_6496	VVLYNTDEIIK	AGAP007550-PA	-	44	0.000308226	2	1306.725	-0.15	Salivary gland	2L:+:47534958-47534990	exon=> In CDS Exon 6 of transcript AGAP007550-PA
JHU_Ag_13467	HQSPININSLDVK	AGAP007550-PA	Q2(Deamidated)	80	1.13E-07	1	1464.780	-0.58	Head	2L:+:47533172-47533210	exon=> In CDS Exon 3 of transcript AGAP007550-PA
JHU_Ag_19406	VVLYNTDEIIK	AGAP007550-PA	-	44	0.000282896	2	1306.724	-1.27	Head	2L:+:47534958-47534990	exon=> In CDS Exon 6 of transcript AGAP007550-PA
JHU_Ag_20663	KVNLPPLVFQGFDVSPR	AGAP007550-PA	-	76	1.12E-07	1	1913.068	2.03	Visceras	2L:+:47533211-47533261	exon=> In CDS Exon 3 of transcript AGAP007550-PA
JHU_Ag_20702	FPMELHVVFFK	AGAP007550-PA	M3(Oxidation)	89	1.76E-08	1	1409.733	3.3	Head	2L:+:47534201-47534233	exon=> In CDS Exon 5 of transcript AGAP007550-PA
JHU_Ag_24361	ALENEEGHPLTHNFRPVQPLGDR	AGAP007550-PA	-	87	2.79E-08	1	2626.311	-0.39	Salivary gland	2L:+:47534889-47534957	exon=> In CDS Exon 6 of transcript AGAP007550-PA
JHU_Ag_43382	ALENEEGHPLTHNFRPVQPLGDR	AGAP007550-PA	Q18(Deamidated),N13(Deamidated)	107	2.60E-10	1	2626.305	-2.62	Head	2L:+:47534889-47534957	exon=> In CDS Exon 6 of transcript AGAP007550-PA
JHU_Ag_50679	QVDLDGEQPEEPSEAGVDTNQLDTGR	AGAP007550-PA	-	93	4.97E-09	1	2799.266	3.84	Head	2L:+:47534991-47535068	exon=> In CDS Exon 6 of transcript AGAP007550-PA
JHU_Ag_68518	KVNLPPLVFQGFDVSPR	AGAP007550-PA	-	58	7.20E-06	1	1913.064	-0.17	Head	2L:+:47533211-47533261	exon=> In CDS Exon 3 of transcript AGAP007550-PA
JHU_Ag_84246	EPILLSHAQVQAFR	AGAP007550-PA	-	96	1.64E-09	1	1608.892	3.76	Head	2L:+:47534507-47534533,47534874-47534888	exon=> In CDS Exon 5 and 6 of transcript AGAP007550-PA

JHU_Ag_93747	VNLPPLVFQGFDVSPR	AGAP007550-PA	-	83	3.67E-08	1	1784.973	2.02	Head	2L:+:47533214-47533261	exon=> In CDS Exon 3 of transcript AGAP007550-PA
JHU_Ag_40198	FSPLEAAVASLQLPQFR	AGAP007551-PA	-	103	3.65E-10	1	1874.017	-0.24	Ovary	2L:-:47536227-47536177	exon=> In CDS Exon 3 of transcript AGAP007551-PA
JHU_Ag_62530	EQQQKLLEQQVLILPK	AGAP007556-PA	-	58	4.28E-07	1	1935.147	10.32	Ovary	2L:-:47551227-47551180	exon=> In CDS Exon 3 of transcript AGAP007556-PA
JHU_Ag_12621	VIEHPDVTR	AGAP007558-PA,AGAP007557-PA	-	54	5.32E-05	1	1065.573	3.54	Larva	2L:+:47558837-47558863;2L:-:47556146-47556120	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_15401	NFFGWN	AGAP007558-PA,AGAP007557-PA	-	33	0.002319896	1	784.345	5.18	Larva	2L:+:47558924-47558941;2L:-:47556059-47556042	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_17961	AATNLEGAEALAR	AGAP007558-PA,AGAP007557-PA	-	56	3.15E-05	2	1286.675	3.69	Larva	2L:+:47558720-47558758;2L:-:47556263-47556225	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_62090	VLIATPELQEISAWTEVR	AGAP007558-PA,AGAP007557-PA	-	133	2.49E-13	1	2055.123	5.19	Larva	2L:+:47558540-47558593;2L:-:47556443-47556390	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_74753	SWNAMMDEIR	AGAP007558-PA,AGAP007557-PA	M5(Oxidation), M6(Oxidation)	32	0.003334 29	1	1284.537	1.54	Larva	2L:+:47558690-47558719;2L:-:47556293-47556264	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_86540	AFGVDVDQIITR	AGAP007558-PA,AGAP007557-PA	-	98	2.32E-09	1	1333.716	3.66	Larva	2L:+:47558882-47558917;2L:-:47556101-47556066	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_88554	TFIADPTSEFGELYR	AGAP007558-PA,AGAP007557-PA	-	125	4.41E-12	1	1745.851	7.28	Larva	2L:+:47558759-47558803;2L:-:47556224-47556180	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_93830	AEVDQLLPFLNMDEVR	AGAP007558-PA,AGAP007557-PA	M12(Oxidation)	82	1.15E-07	1	1904.949	3.31	Larva	2L:+:47558402-47558449;2L:-:47556581-47556534	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_96872	FSAQLR	AGAP007558-PA,AGAP007557-PA	Q4(Deamidated)	36	0.002626856	2	722.383	0.21	Head	2L:+:47558864-47558881;2L:-:47556119-47556102	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_106888	FSAQLR	AGAP007558-PA,AGAP007557-PA	Q4(Deamidated)	45	0.000339967	2	722.383	0.12	Pupa	2L:+:47558864-47558881;2L:-:47556119-47556102	exon=> In CDS Exon 2 of transcript AGAP007558-PA;exon=> In CDS Exon 1 of transcript AGAP007557-PA
JHU_Ag_66425	IGEIAEQGR	AGAP007560-PA	Q7(Deamidated)	44	0.000545572	2	973.496	0.65	Head	2L:+:47573807-47573833	exon=> In CDS Exon 6 of transcript AGAP007560-PA
JHU_Ag_969	TLNAELINANNK	AGAP007562-PA	-	44	0.00047957	2	1314.697	-3.19	Midgut	2L:+:47598663-47598698	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_3170	GQYGESVAEAQSVR	AGAP007562-PA	-	78	2.34E-07	2	1480.702	-0.19	Male reproductive organs	2L:+:47596188-47596229	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_4362	ESSSISSSSVTSTVVR	AGAP007562-PA	-	87	3.30E-08	2	1612.804	1.16	Male reproductive organs	2L:+:47607880-47607927	exon=> In CDS Exon 12 of transcript AGAP007562-PA

JHU_Ag_8253	TPLFVAPLK	AGAP007562-PA	-	39	0.000745466	2	985.609	0.44	Pupa	2L:+:47617163-47617180,47617265-47617273	exon=> In CDS Exon 14 and 15 of transcript AGAP007562-PA
JHU_Ag_8294	THETSQLDALK	AGAP007562-PA	-	51	9.33E-05	1	1242.630	-2.27	Head	2L:+:47598765-47598797	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_9009	VESHSSVVSEVVQQQQQQQVVEQVEQK	AGAP007562-PA	-	110	1.21E-10	1	3093.551	2.15	Head	2L:+:47610118-47610198	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_9461	DIAVVSGQPAR	AGAP007562-PA	-	49	0.000105441	2	1112.607	0.63	Head	2L:+:47617274-47617306	exon=> In CDS Exon 15 of transcript AGAP007562-PA
JHU_Ag_10631	TPLFVAPLK	AGAP007562-PA	-	42	0.00035845	1	985.609	0.69	Male reproductive organs	2L:+:47617163-47617180,47617265-47617273	exon=> In CDS Exon 14 and 15 of transcript AGAP007562-PA
JHU_Ag_11505	TPLFVAPLKDIAVVSGQPAR	AGAP007562-PA	-	106	2.91E-11	1	2079.204	3.82	Visceras	2L:+:47617163-47617180,47617265-47617306	exon=> In CDS Exon 14 and 15 of transcript AGAP007562-PA
JHU_Ag_12272	SNFLVNNDLPEDLQPVK	AGAP007562-PA	-	41	0.00111247	2	1941.990	-0.8	Male reproductive organs	2L:+:47611401-47611451	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_12294	NDVELQPDGER	AGAP007562-PA	-	47	0.000170863	2	1271.588	1.58	Head	2L:+:47605563-47605595	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_12461	LLVTEAPPPPPKPAGTAPTFTMR	AGAP007562-PA	M22(Oxidation)	49	6.21E-05	1	2405.297	2.9	Ovary	2L:+:47599911-47599979	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_12546	SFHQVGDQPAQVAEAAEHQR	AGAP007562-PA	-	42	0.001129415	1	2205.045	0.82	Visceras	2L:+:47605257-47605316	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_13243	THETSQLDALKK	AGAP007562-PA	-	35	0.003184442	1	1370.731	2.63	Malpighian tubule	2L:+:47598765-47598800	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_13972	TAAVSFEQQQQTVQTVESFSSSSK	AGAP007562-PA	-	121	1.14E-11	2	2604.247	1.69	Head	2L:+:47610046-47610117	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_14204	LSLPVAYEGDAGR	AGAP007562-PA	-	68	2.93E-06	2	1347.690	-0.56	Visceras	2L:+:47617421-47617445,47617533-47617546	exon=> In CDS Exon 15 and 16 of transcript AGAP007562-PA
JHU_Ag_17013	YTATASNAAGASTSTADLVVK	AGAP007562-PA	-	105	4.43E-10	2	1999.001	1.49	Head	2L:+:47605668-47605730	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_17444	NDVELQPDGER	AGAP007562-PA	-	44	0.000396316	2	1271.588	1.1	Male reproductive organs	2L:+:47605563-47605595	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_18398	VLPTEEPLPTLK	AGAP007562-PA	-	34	0.001066449	1	1336.782	7.36	Malpighian tubule	2L:+:47611452-47611487	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_18771	SEEALEGEGGGFSAR	AGAP007562-PA	-	89	1.05E-08	2	1495.660	-4.22	Male reproductive organs	2L:+:47607460-47607504	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_19202	IVDQGADVIIEGIVDGYPTPDVR	AGAP007562-PA	-	51	7.52E-05	3	2441.274	7.22	Pupa	2L:+:47605485-47605553	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_21182	VLPTEEPLPTLK	AGAP007562-PA	-	49	3.18E-05	1	1336.774	1.24	Head	2L:+:47611452-47611487	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_23599	VLPTEEPLPTLK	AGAP007562-PA	-	36	0.00074158	2	1336.773	0.6	Ovary	2L:+:47611452-47611487	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_25511	LLVTEAPPPPPKPAGTAPTFTMR	AGAP007562-PA	M22(Oxidation)	84	2.36E-08	1	2405.294	1.61	Midgut	2L:+:47599911-47599979	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_28107	GEQCVDGSPDYR	AGAP007562-PA	C4(Carbamidomethyl)	47	5.41E-05	2	1382.565	0.85	Male reproductive organs	2L:+:47600073-47600108	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_29547	SNFLVNNDLPEDLQPVK	AGAP007562-PA	-	85	4.74E-08	2	1941.993	0.89	Head	2L:+:47611401-47611451	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_29838	TLNAELINANNK	AGAP007562-PA	-	81	1.17E-07	2	1314.701	-0.03	Male reproductive organs	2L:+:47598663-47598698	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_29949	IELSAGGVESSHQR	AGAP007562-PA	-	85	4.23E-08	1	1469.733	-1.2	Head	2L:+:47612412-47612453	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_32862	TRGQYGESVAEAQSVR	AGAP007562-PA	-	34	0.006064021	1	1737.859	4.57	Malpighian tubule	2L:+:47596182-47596229	exon=> In CDS Exon 6 of transcript AGAP007562-PA

JHU_Ag_33011	TLNAELINANNK	AGAP007562-PA	-	62	8.49E-06	2	1314.706	3.78	Larva	2L:+:47598663-47598698	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_35102	GNAINNLLVR	AGAP007562-PA	-	61	4.09E-06	2	1083.628	0.93	Male reproductive organs	2L:+:47593593-47593622	exon=> In CDS Exon 4 of transcript AGAP007562-PA
JHU_Ag_35734	ATILQELER	AGAP007562-PA	-	40	0.001506527	2	1072.599	-0.77	Male reproductive organs	2L:+:47596248-47596262,47598392-47598403	exon=> In CDS Exon 6 and 7 of transcript AGAP007562-PA
JHU_Ag_36332	VLPAVGAPPR	AGAP007562-PA	-	45	8.73E-05	2	976.593	-0.85	Head	2L:+:47604387-47604416	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_36430	TTEELLTSGCFAGDEACAK	AGAP007562-PA	C10(Carbamidomethyl), C17(Carbamidomethyl)	44	0.000288944	2	2059.896	0.6	Male reproductive organs	2L:+:47592529-47592585	exon=> In CDS Exon 3 of transcript AGAP007562-PA
JHU_Ag_36877	IQASQISAPADAPK	AGAP007562-PA	-	66	2.63E-06	2	1396.743	-0.12	Visceras	2L:+:47611815-47611856	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_37083	IITLLENLR	AGAP007562-PA	-	47	6.06E-05	2	1084.672	-0.44	Visceras	2L:+:47596026-47596052	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_38614	TPLFVAPLK	AGAP007562-PA	-	50	6.27E-05	1	985.607	-0.67	Head	2L:+:47617163-47617180,47617265-47617273	exon=> In CDS Exon 14 and 15 of transcript AGAP007562-PA
JHU_Ag_40060	DGRPVQEAFAPGSYALQQVGPCFK	AGAP007562-PA	C22(Carbamidomethyl)	52	0.000112941	1	2622.287	3.82	Visceras	2L:+:47606663-47606734	exon=> In CDS Exon 11 of transcript AGAP007562-PA
JHU_Ag_41968	ATILQELER	AGAP007562-PA	-	47	0.00030618	2	1072.601	1.05	Head	2L:+:47596248-47596262,47598392-47598403	exon=> In CDS Exon 6 and 7 of transcript AGAP007562-PA
JHU_Ag_42237	YTATASNAAGASTSTADLVVK	AGAP007562-PA	-	38	0.002505041	2	1999.005	3.38	Pupa	2L:+:47605668-47605730	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_44782	LLVTEAPPPPPKPAGTAPTFTMR	AGAP007562-PA	M22(Oxidation)	64	2.14E-06	1	2405.300	4.12	Malpighian tubule	2L:+:47599911-47599979	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_46641	IVDQGADVIIEGIVDGYPTPDVR	AGAP007562-PA	-	61	8.10E-06	2	2441.268	4.87	Visceras	2L:+:47605485-47605553	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_47810	FTFLGPSLDDALK	AGAP007562-PA	-	39	0.001530023	1	1423.747	0.03	Ovary	2L:+:47591664-47591702	exon=> In CDS Exon 2 of transcript AGAP007562-PA
JHU_Ag_49122	GLLQQSEQIIER	AGAP007562-PA	-	62	5.37E-06	2	1413.770	0.45	Male reproductive organs	2L:+:47595942-47595977	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_53265	DCLLLHHQLLNDLEIK	AGAP007562-PA	C2(Carbamidomethyl)	59	1.14E-05	1	1974.053	2.59	Ovary	2L:+:47593090-47593131,47593587-47593592	exon=> In CDS Exon 3 and 4 of transcript AGAP007562-PA
JHU_Ag_53509	QVLTIPEVRPELTGK	AGAP007562-PA	-	27	0.004140327	1	1679.975	3.32	Midgut	2L:+:47604921-47604965	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_56151	VKVSYSLNK	AGAP007562-PA	-	35	0.001967078	1	1037.584	-14.19	Ovary	2L:+:47605596-47605622	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_57211	RQNGYLADTEEVVQK	AGAP007562-PA	Q2(Deamidated),N3(Deamidated)	111	1.41E-10	1	1750.861	0.04	Head	2L:+:47610001-47610045	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_58448	VLPTEEPLPTLK	AGAP007562-PA	-	45	9.25E-05	2	1336.773	0.24	Male reproductive organs	2L:+:47611452-47611487	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_58661	NGISVQGNPDYR	AGAP007562-PA	N1(Deamidated)	66	4.13E-06	2	1319.633	-0.51	Male reproductive organs	2L:+:47599752-47599787	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_59805	VLSEIGTLDSRPNHIK	AGAP007562-PA	-	36	0.001749785	2	1778.981	2.54	Head	2L:+:47592178-47592225	exon=> In CDS Exon 3 of transcript AGAP007562-PA
JHU_Ag_60124	VSQYDPTAQGFNR	AGAP007562-PA	-	72	8.71E-07	2	1482.700	2.2	Visceras	2L:+:47612850-47612862,47617083-47617108	exon=> In CDS Exon 13 and 14 of transcript AGAP007562-PA
JHU_Ag_60350	SNFLVNNDLPEDLQPVK	AGAP007562-PA	-	78	2.03E-07	1	1942.002	5.36	Visceras	2L:+:47611401-47611451	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_62157	IVVELR	AGAP007562-PA	-	36	0.001425122	2	728.467	1	Pupa	2L:+:47605623-47605640	exon=> In CDS Exon 10 of transcript AGAP007562-PA

JHU_Ag_66467	LLSDILADEGER	AGAP007562-PA	-	55	4.51E-05	2	1330.688	2.22	Visceras	2L:+:47604426-47604461	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_66746	SYRPPPTVSSSSSTFTK	AGAP007562-PA	-	59	2.13E-05	2	1828.907	-0.39	Head	2L:+:47608315-47608365	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_69882	DSDGYDSDGNR	AGAP007562-PA	-	62	2.33E-07	2	1200.441	0.79	Head	2L:+:47612214-47612246	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_71028	HITTTTTQQQQQPPPPQQHNYSTLPFAR	AGAP007562-PA	-	54	4.94E-05	1	3245.611	0.84	Head	2L:+:47608366-47608449	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_71258	SEEALEGEGGGFSAR	AGAP007562-PA	-	56	2.86E-05	2	1495.679	8.84	Malpighian tubule	2L:+:47607460-47607504	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_71923	LHTLGADFGELSDATEHFLR	AGAP007562-PA	-	88	2.44E-08	1	2229.110	7.21	Ovary	2L:+:47595750-47595809	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_73728	EAFLEDAGEYR	AGAP007562-PA	-	40	0.000907243	2	1299.585	-0.08	Head	2L:+:47604252-47604284	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_73837	RLDELEQQVAGTPLRPASPNDLPAHQK	AGAP007562-PA	-	50	7.24E-05	1	2980.569	2.92	Head	2L:+:47592697-47592777	exon=> In CDS Exon 3 of transcript AGAP007562-PA
JHU_Ag_75824	TAQALNEFLER	AGAP007562-PA	-	88	2.94E-08	2	1291.664	-0.5	Male reproductive organs	2L:+:47592958-47592990	exon=> In CDS Exon 3 of transcript AGAP007562-PA
JHU_Ag_75989	LFEESLLQQQAAYGELK	AGAP007562-PA	-	89	1.48E-08	1	1967.015	1.25	Head	2L:+:47609512-47609562	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_76183	IQASQISAPADAPK	AGAP007562-PA	-	57	2.85E-05	2	1396.741	-1.26	Head	2L:+:47611815-47611856	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_76246	AANEAGIADTTAR	AGAP007562-PA	-	57	3.44E-05	2	1260.618	0.02	Male reproductive organs	2L:+:47599872-47599910	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_78479	TQLQQDVQVAEADLTQR	AGAP007562-PA	-	58	2.53E-05	1	1942.983	0.13	Male reproductive organs	2L:+:47595600-47595650	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_81103	TPLFVAPLKDIAVVSGQPAR	AGAP007562-PA	-	22	0.006481833	1	2079.202	2.94	Head	2L:+:47617163-47617180,47617265-47617306	exon=> In CDS Exon 14 and 15 of transcript AGAP007562-PA
JHU_Ag_83445	SFHQVGDQPAQVAEAAEHQR	AGAP007562-PA	-	143	7.80E-14	1	2205.053	4.28	Malpighian tubule	2L:+:47605257-47605316	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_85511	FECIVACDAAPSIR	AGAP007562-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	58	2.49E-05	2	1608.756	3.23	Head	2L:+:47617307-47617348	exon=> In CDS Exon 15 of transcript AGAP007562-PA
JHU_Ag_88880	IELSAGGVESSHQR	AGAP007562-PA	-	36	0.003438512	1	1469.732	-1.48	Male reproductive organs	2L:+:47612412-47612453	exon=> In CDS Exon 13 of transcript AGAP007562-PA
JHU_Ag_89263	APSPAPVPTFVPAAAAAPPPQSFPPK	AGAP007562-PA	-	43	0.000285976	1	2510.351	2.81	Head	2L:+:47608717-47608794	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_89744	WFFNDQPVQGHDFLVSTSGDR	AGAP007562-PA	-	106	3.09E-10	1	2452.145	5.23	Visceras	2L:+:47604858-47604920	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_90256	LLSDILADEGER	AGAP007562-PA	-	67	3.06E-06	2	1330.687	1.67	Head	2L:+:47604426-47604461	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_90640	TAAVSFEQQQQTVQTVESFSSSSK	AGAP007562-PA	-	109	1.85E-10	2	2604.243	0.1	Visceras	2L:+:47610046-47610117	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_91723	THETSQLDALKK	AGAP007562-PA	-	60	1.11E-05	2	1370.728	0.17	Male reproductive organs	2L:+:47598765-47598800	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_92955	TPLFVAPLK	AGAP007562-PA	-	55	2.04E-05	2	985.607	-0.92	Visceras	2L:+:47617163-47617180,47617265-47617273	exon=> In CDS Exon 14 and 15 of transcript AGAP007562-PA
JHU_Ag_97355	SKPAAPAGQSDTAGGVPAPLEQPAEPQQGQQGAMTK	AGAP007562-PA	M34(Oxidation)	36	0.002838916	1	3516.699	-1.09	Head	2L:+:47609830-47609937	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_97377	NQLEQAWISR	AGAP007562-PA	-	53	7.33E-05	2	1244.637	-0.81	Male reproductive organs	2L:+:47592289-47592318	exon=> In CDS Exon 3 of transcript AGAP007562-PA
JHU_Ag_99206	VESHSSVVSEVVQQQQQQQVVEQVEQK	AGAP007562-PA	-	193	6.07E-19	1	3093.546	0.26	Visceras	2L:+:47610118-47610198	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_99512	DGRPVQEAFAPGSYALQQVGPCFK	AGAP007562-PA	C22(Carbamidomethyl)	102	9.64E-10	1	2622.285	2.85	Head	2L:+:47606663-47606734	exon=> In CDS Exon 11 of transcript AGAP007562-PA

JHU_Ag_101000	YTATASNAAGASTSTADLVVK	AGAP007562-PA	-	40	0.00162892	2	1998.987	-5.41	Ovary	2L:+:47605668-47605730	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_101493	LLVTEAPPPPPKPAGTAPTFTMR	AGAP007562-PA	M22(Oxidation)	45	0.000181276	1	2405.288	-0.83	Male reproductive organs	2L:+:47599911-47599979	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_101802	IANLSTQLYGCDK	AGAP007562-PA	C11(Carbamidomethyl)	77	2.68E-07	2	1482.728	1.56	Male reproductive organs	2L:+:47598801-47598839	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_102555	SFHQVGDQPAQVAEAAEHQR	AGAP007562-PA	-	94	6.98E-09	1	2205.046	1.46	Head	2L:+:47605257-47605316	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_105732	LSLPVAYEGDAGR	AGAP007562-PA	-	39	0.002201902	1	1347.691	0.35	Male reproductive organs	2L:+:47617421-47617445,47617533-47617546	exon=> In CDS Exon 15 and 16 of transcript AGAP007562-PA
JHU_Ag_106640	GLLQQSEQIIER	AGAP007562-PA	-	78	1.44E-07	2	1413.772	1.48	Head	2L:+:47595942-47595977	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_106681	GLLQQSEQIIER	AGAP007562-PA	-	69	1.17E-06	1	1413.770	0.27	Ovary	2L:+:47595942-47595977	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_108971	VVLDVEVSGTPEPSVAWFK	AGAP007562-PA	-	63	4.63E-06	2	2059.080	2.61	Pupa	2L:+:47606606-47606662	exon=> In CDS Exon 11 of transcript AGAP007562-PA
JHU_Ag_112281	AADEPPVCQVYR	AGAP007562-PA	C8(Carbamidomethyl)	49	0.000184321	2	1404.659	0.84	Male reproductive organs	2L:+:47608279-47608314	exon=> In CDS Exon 12 of transcript AGAP007562-PA
JHU_Ag_112538	FECIVACDAAPSIR	AGAP007562-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	85	3.95E-08	1	1608.751	0.19	Visceras	2L:+:47617307-47617348	exon=> In CDS Exon 15 of transcript AGAP007562-PA
JHU_Ag_113791	ESNDFQLLFQGDR	AGAP007562-PA	-	46	0.000388164	2	1568.737	1.65	Head	2L:+:47604195-47604233	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_114041	EAFLEDAGEYR	AGAP007562-PA	-	63	5.15E-06	1	1299.585	-0.17	Male reproductive organs	2L:+:47604252-47604284	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_115268	LLSDILADEGER	AGAP007562-PA	-	63	7.89E-06	2	1330.687	1.48	Male reproductive organs	2L:+:47604426-47604461	exon=> In CDS Exon 10 of transcript AGAP007562-PA
JHU_Ag_115673	IITLLENLR	AGAP007562-PA	-	40	0.000322218	2	1084.672	-0.21	Head	2L:+:47596026-47596052	exon=> In CDS Exon 6 of transcript AGAP007562-PA
JHU_Ag_115694	AANEAGIADTTAR	AGAP007562-PA	-	45	0.000433153	2	1260.620	1.67	Malpighian tubule	2L:+:47599872-47599910	exon=> In CDS Exon 8 of transcript AGAP007562-PA
JHU_Ag_1728	FEEQSVPQGGTIK	AGAP007563-PA	-	53	9.06E-05	2	1419.713	1.18	Visceras	2L:+:47710644-47710682	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_2526	GEDAIFELELTK	AGAP007563-PA	-	59	2.08E-05	2	1364.693	-1.31	Visceras	2L:+:47711490-47711525	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_3953	EEEQPAEPEPVK	AGAP007563-PA	-	53	7.78E-05	2	1381.652	2.47	Head	2L:+:47707275-47707310	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_6808	TAQVAEVEEPEPVEVTLKPK	AGAP007563-PA	-	79	9.61E-08	1	2193.167	0.8	Head	2L:+:47706156-47706215	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_7057	NMYTVTLVAPTHDNAGEYTVR	AGAP007563-PA	M2(Oxidation)	78	2.77E-07	1	2368.125	0.54	Head	2L:+:47710485-47710547	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_7290	ATNEVGSVESSCQVVIEEKPTLTVEK	AGAP007563-PA	C12(Carbamidomethyl)	80	1.25E-07	1	2833.419	1.83	Head	2L:+:47712916-47712993	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_7647	KPVPTKPEEEK	AGAP007563-PA	-	36	0.002046869	1	1281.701	-3.17	Head	2L:+:47705016-47705048	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_7956	LANIDVQPVQELIVTEVIAEHK	AGAP007563-PA	-	55	1.08E-05	1	2458.363	3.07	Head	2L:+:47681663-47681728	exon=> In CDS Exon 16 of transcript AGAP007563-PA
JHU_Ag_7966	AEPTEEALVQPAATVETAPAEAPK	AGAP007563-PA	-	73	7.68E-07	1	2420.219	0.01	Head	2L:+:47703921-47703992	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_8046	EQLIAAEDVPSEQPSEK	AGAP007563-PA	-	116	3.84E-11	1	1869.915	3.94	Head	2L:+:47700486-47700536	exon=> In CDS Exon 18 of transcript AGAP007563-PA
JHU_Ag_8106	LRPVEETTIEEHPEVVEEVR	AGAP007563-PA	-	110	1.17E-10	1	2390.221	0.55	Visceras	2L:+:47685375-47685434	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_9866	LRPVEETTIEEHPEVVEEVR	AGAP007563-PA	-	83	6.42E-08	1	2390.217	-1.06	Head	2L:+:47685375-47685434	exon=> In CDS Exon 17 of transcript AGAP007563-PA

JHU_Ag_12801	TDEEHHEEVK	AGAP007563-PA	-	48	0.000117302	2	1252.544	0.22	Head	2L:+:47704644-47704673	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_14047	KPTEPEPVEAEFK	AGAP007563-PA	-	88	2.27E-08	1	1500.764	4.13	Head	2L:+:47706228-47706266	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_15151	VELAVEGQQPEIVQLDTRPGQGVLSR	AGAP007563-PA	-	158	6.00E-16	1	2818.519	4.66	Head	2L:+:47704338-47704415	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_16051	IQQTVEPPSPPR	AGAP007563-PA	-	41	0.001095495	2	1348.723	0.43	Visceras	2L:+:47713543-47713578	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_17551	EEAPVEVLEQK	AGAP007563-PA	-	54	4.73E-05	2	1270.654	0.8	Head	2L:+:47705484-47705516	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_18230	VGSSEPLQTVESIVAGK	AGAP007563-PA	-	89	1.50E-08	2	1700.910	1.84	Visceras	2L:+:47713807-47713857	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_18364	HPETTVTVTEHEVPYEVTEPFEEER	AGAP007563-PA	-	42	0.000760801	1	2984.381	0.58	Head	2L:+:47685546-47685620	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_20067	KPTEPEPVEAEFK	AGAP007563-PA	-	57	2.81E-05	1	1500.759	0.47	Visceras	2L:+:47706228-47706266	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_22108	AHMVEEVLVPEEAPTIAPVEPAKPTEPVTK	AGAP007563-PA	M3(Oxidation)	95	1.92E-09	1	3224.687	3.34	Head	2L:+:47705754-47705843	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_24363	LEDTSTELQPYEHVDGTAPK	AGAP007563-PA	-	59	2.22E-05	1	2230.060	3.82	Ovary	2L:+:47684916-47684975	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_24880	LIDSTQYHFR	AGAP007563-PA	-	47	0.000282569	1	1279.645	1.34	Visceras	2L:+:47713456-47713485	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_25533	LEDTSTELQPYEHVDGTAPK	AGAP007563-PA	-	79	1.97E-07	1	2230.053	1.03	Visceras	2L:+:47684916-47684975	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_25804	LLNLEIEKTELEQYEK	AGAP007563-PA	N3(Deamidated), Q13(Deamidated)	43	0.000552538	1	1994.031	4.67	Midgut	2L:+:47706051-47706098	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_26769	VKPSVEEEEEVETK	AGAP007563-PA	-	97	3.71E-09	2	1631.805	2.14	Head	2L:+:47707509-47707550	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_26851	FNATPKPEAEWR	AGAP007563-PA	-	36	0.004053852	2	1445.708	-6.54	Visceras	2L:+:47712060-47712095	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_29054	LTVEKPVVDFVR	AGAP007563-PA	-	51	3.60E-05	1	1401.810	-0.17	Pupa	2L:+:47711694-47711729	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_30357	AAEVDAGEFTLK	AGAP007563-PA	-	98	2.94E-09	2	1250.627	0.59	Pupa	2L:+:47712177-47712212	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_33251	IDLDVVKPPK	AGAP007563-PA	-	26	0.005347891	3	1123.669	-2.46	Head	2L:+:47707437-47707466	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_33828	IQQTVEPPSPPR	AGAP007563-PA	-	45	0.000359062	2	1348.725	2.06	Head	2L:+:47713543-47713578	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_35405	AEETVTVER	AGAP007563-PA	-	46	0.000423443	2	1033.515	-0.63	Head	2L:+:47706345-47706371	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_35547	ESSLADILEGIPPTFSR	AGAP007563-PA	-	44	0.000605098	2	1831.951	3.83	Head	2L:+:47709999-47710049	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_35628	VSLKPVEPKPEAPAEK	AGAP007563-PA	-	52	3.45E-05	1	1718.962	-3.7	Head	2L:+:47706684-47706731	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_36481	NIAGFASSATELVVDSYSSDHGSDVATLSR	AGAP007563-PA	-	95	4.28E-09	1	3056.458	4.43	Head	2L:+:47709894-47709983	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_37655	AAEVDAGEFTLK	AGAP007563-PA	-	76	4.38E-07	2	1250.626	-0.29	Visceras	2L:+:47712177-47712212	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_40777	DYTAHPTTAGLHK	AGAP007563-PA	-	41	0.001118341	1	1411.697	0.41	Head	2L:+:47681765-47681803	exon=> In CDS Exon 16 of transcript AGAP007563-PA
JHU_Ag_41149	DGFSVAELAQDHTATAVAGHALK	AGAP007563-PA	-	55	4.05E-05	1	2309.143	-4.09	Head	2L:+:47679815-47679883	exon=> In CDS Exon 16 of transcript AGAP007563-PA
JHU_Ag_43527	TTDDSDDIIER	AGAP007563-PA	-	71	8.10E-07	1	1279.565	0.27	Visceras	2L:+:47685270-47685302	exon=> In CDS Exon 17 of transcript AGAP007563-PA

JHU_Ag_43736	NEVGLSDPLESDEPYTVQLGAAPDDVHDETTR	AGAP007563-PA	-	98	1.58E-09	3	3469.600	3.57	Visceras	2L:+:47715093-47715156,47715237-47715268	exon=> In CDS Exon 25 and 26 of transcript AGAP007563-PA
JHU_Ag_44166	ITEYLLEYQEK	AGAP007563-PA	-	87	2.48E-08	2	1428.731	4.04	Larva	2L:+:47712428-47712460	exon=> In CDS Exon 22 of transcript AGAP007563-PA
JHU_Ag_45031	VPEVPEEPEHK	AGAP007563-PA	-	54	5.46E-05	1	1289.639	1.22	Head	2L:+:47704923-47704955	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_47574	TTDDSDDIIER	AGAP007563-PA	-	44	0.000411 93	2	1279.569	3.13	Malpighian tubule	2L:+:47685270-47685302	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_50573	AAEVDAGEFTLK	AGAP007563-PA	-	70	1.67E-06	2	1250.626	0.01	Head	2L:+:47712177-47712212	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_51114	EHNMTADINSYAR	AGAP007563-PA	M4(Oxidation)	73	3.11E-07	2	1537.664	-3.85	Head	2L:+:47715314-47715352	exon=> In CDS Exon 26 of transcript AGAP007563-PA
JHU_Ag_52831	VIDKPSKPEGPIVVR	AGAP007563-PA	-	65	4.36E-07	1	1633.965	0.86	Visceras	2L:+:47713246-47713290	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_54130	AVESTIEPEESAQVK	AGAP007563-PA	-	80	1.69E-07	1	1616.805	2.48	Head	2L:+:47706927-47706971	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_55398	EGFNVAEIAQDYVAK	AGAP007563-PA	-	47	0.000305 613	2	1653.811	-0.3	Head	2L:+:47679497-47679541	exon=> In CDS Exon 16 of transcript AGAP007563-PA
JHU_Ag_55942	DIEPENVTFRPK	AGAP007563-PA	-	57	3.00E-05	1	1444.746	1.74	Head	2L:+:47707839-47707874	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_57147	MIAVEYPPEALKPVITDLTPVR	AGAP007563-PA	M1(Oxidation)	44	0.000108 673	1	2468.359	4.74	Head	2L:+:47701071-47701136	exon=> In CDS Exon 18 of transcript AGAP007563-PA
JHU_Ag_57695	ITEYLLEYQEK	AGAP007563-PA	-	65	3.44E-06	2	1428.731	3.36	Head	2L:+:47712428-47712460	exon=> In CDS Exon 22 of transcript AGAP007563-PA
JHU_Ag_57958	NGVALDVPTQADR	AGAP007563-PA	N1(Deamidated)	59	1.39E-05	2	1356.677	1.17	Visceras	2L:+:47710446-47710484	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_58576	EETVEEVKPK	AGAP007563-PA	-	69	2.23E-06	1	1187.613	-2.01	Head	2L:+:47704701-47704730	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_58667	LTVEKPVVDFVR	AGAP007563-PA	-	47	8.44E-05	3	1401.809	-0.57	Visceras	2L:+:47711694-47711729	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_59008	EQPVEAVAPETAVLEEPAPTAPQQVK	AGAP007563-PA	-	39	0.001191 255	3	2728.399	-1.84	Head	2L:+:47702526-47702603	exon=> In CDS Exon 18 of transcript AGAP007563-PA
JHU_Ag_59376	LQPITTQDGYTVQFECK	AGAP007563-PA	C16(Carbamidomethyl)	54	6.57E-05	1	2027.981	3.47	Visceras	2L:+:47709681-47709731	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_61297	APAEEEPKPEEPVTVPEAPVPIEVPAPVVEEVVPVPVEEVK	AGAP007563-PA	-	35	0.001119 553	1	4350.289	-0.27	Head	2L:+:47705217-47705339	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_61440	ELSPEAVVIEWKPPSDDGGLEISQFTIEK	AGAP007563-PA	-	46	0.000192 51	1	3213.651	9.57	Visceras	2L:+:47713291-47713377	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_62963	HTEEHVIEDQPEFAEVSDVPVQR	AGAP007563-PA	-	76	4.21E-07	1	2690.266	-1.43	Head	2L:+:47699487-47699555	exon=> In CDS Exon 18 of transcript AGAP007563-PA
JHU_Ag_66468	NSVEDDENEYTCTVSNAK	AGAP007563-PA	C12(Carbamidomethyl)	90	2.96E-09	2	2074.850	-0.13	Head	2L:+:47711895-47711948	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_67092	EAPTVSEHLK	AGAP007563-PA	-	39	0.001574 966	2	1110.580	1.22	Head	2L:+:47712697-47712726	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_67682	ASIEDDEQLQR	AGAP007563-PA	-	42	0.001000 951	2	1303.613	0.72	Head	2L:+:47706018-47706050	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_68132	ITEYVVEVK	AGAP007563-PA	-	59	9.71E-06	2	1079.597	-0.82	Visceras	2L:+:47713660-47713686	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_69906	VGSSEPLQTVESIVAGK	AGAP007563-PA	-	48	0.000155 722	2	1700.916	5.5	Pupa	2L:+:47713807-47713857	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_70300	AAEVDAGEFTLK	AGAP007563-PA	-	67	2.99E-06	2	1250.630	2.74	Larva	2L:+:47712177-47712212	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_72579	LPEAPQEVEEQITLKPTPQK	AGAP007563-PA	-	119	8.48E-12	1	2275.224	2.76	Head	2L:+:47706285-47706344	exon=> In CDS Exon 19 of transcript AGAP007563-PA

JHU_Ag_73133	LLNLEIEKTELEQYER	AGAP007563-PA	-	49	0.000123979	1	2020.059	-0.27	Head	2L:+:47706816-47706863	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_74842	AAAPSAYAEQQLNLQHQLEVVQHETAER	AGAP007563-PA	-	131	9.81E-13	1	3131.548	-0.69	Head	2L:+:47677817-47677900	exon=> In CDS Exon 16 of transcript AGAP007563-PA
JHU_Ag_74979	KKPEEDAELER	AGAP007563-PA	-	56	3.75E-05	1	1343.674	-4.86	Head	2L:+:47705556-47705588	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_75165	LEDTSTELQPYEHVDGTAPK	AGAP007563-PA	-	72	9.18E-07	1	2230.053	0.7	Head	2L:+:47684916-47684975	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_75897	ITEYLLEYQEK	AGAP007563-PA	-	58	1.94E-05	2	1428.729	2.16	Pupa	2L:+:47712428-47712460	exon=> In CDS Exon 22 of transcript AGAP007563-PA
JHU_Ag_76008	LTVEKPVVDFVR	AGAP007563-PA	-	50	3.94E-05	1	1401.809	-0.52	Head	2L:+:47711694-47711729	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_76988	EVFPEDAGTFTCVAK	AGAP007563-PA	C12(Carbamidomethyl)	45	0.000459053	2	1670.785	7.08	Head	2L:+:47709849-47709893	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_77351	IFAENAVGLSSPTVSESVVLK	AGAP007563-PA	-	67	1.06E-06	1	2147.172	5.88	Head	2L:+:47714564-47714626	exon=> In CDS Exon 24 of transcript AGAP007563-PA
JHU_Ag_77465	TTDDSDDIIER	AGAP007563-PA	-	58	1.82E-05	2	1279.569	3.22	Ovary	2L:+:47685270-47685302	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_77877	LVAVPEPDILWYYNGEEIESK	AGAP007563-PA	-	44	0.000552421	1	2464.233	1.88	Visceras	2L:+:47710104-47710166	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_78731	VGSSEPLQTVESIVAGK	AGAP007563-PA	-	98	1.85E-09	1	1700.909	1.19	Head	2L:+:47713807-47713857	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_82077	KPEPEPEDEFK	AGAP007563-PA	-	66	2.30E-06	1	1344.624	-6.16	Head	2L:+:47704977-47705009	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_82939	FEEQSVPQGGTIK	AGAP007563-PA	-	44	0.000643633	1	1419.711	-0.28	Pupa	2L:+:47710644-47710682	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_84742	ATAINEVGKGPASPNSPYYK	AGAP007563-PA	-	79	1.65E-07	1	2064.043	1.5	Pupa	2L:+:47712616-47712675	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_86177	VIAQNPVGCSEPLESATVK	AGAP007563-PA	C9(Carbamidomethyl)	130	1.52E-12	1	1999.015	-0.75	Head	2L:+:47713486-47713542	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_89975	EQKPIQPEITDTQEPQTVK	AGAP007563-PA	-	68	1.82E-06	1	2209.138	1.29	Head	2L:+:47704197-47704253	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_91340	NEVGLSDPLESDEPYTVQLGAAPDDVHDETTR	AGAP007563-PA	-	158	1.62E-15	1	3469.598	2.94	Head	2L:+:47715093-47715156,47715237-47715268	exon=> In CDS Exon 25 and 26 of transcript AGAP007563-PA
JHU_Ag_92314	REVEEAAVPK	AGAP007563-PA	-	36	0.002333501	1	1127.600	-5.15	Head	2L:+:47704281-47704310	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_93492	EITPPSAPR	AGAP007563-PA	-	37	0.002015215	2	967.522	1.42	Head	2L:+:47713858-47713864,47714337-47714356	exon=> In CDS Exon 23 and 24 of transcript AGAP007563-PA
JHU_Ag_94529	RVIIPSAK	AGAP007563-PA	-	25	0.006909119	1	883.569	-3.7	Head	2L:+:47712105-47712128	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_95046	LDIIPQTAVEALEIEELPEEVK	AGAP007563-PA	-	38	0.000939403	1	2478.336	5.3	Ovary	2L:+:47684976-47685041	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_95854	ATAINEVGKGPASPNSPYYK	AGAP007563-PA	-	40	0.001593266	3	2064.042	1.15	Visceras	2L:+:47712616-47712675	exon=> In CDS Exon 23 of transcript AGAP007563-PA
JHU_Ag_95868	VKPSVEEEEEVETK	AGAP007563-PA	-	72	8.84E-07	1	1631.802	0.45	Visceras	2L:+:47707509-47707550	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_98590	DLQESEDYLIR	AGAP007563-PA	-	71	1.24E-06	2	1380.667	1.88	Head	2L:+:47715048-47715080	exon=> In CDS Exon 25 of transcript AGAP007563-PA
JHU_Ag_98957	LRPVEETTIEEHPEVVEEVR	AGAP007563-PA	-	104	4.98E-10	1	2390.230	4.15	Ovary	2L:+:47685375-47685434	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_99233	DLQESEDYLIR	AGAP007563-PA	-	66	3.54E-06	2	1380.665	0.64	Visceras	2L:+:47715048-47715080	exon=> In CDS Exon 25 of transcript AGAP007563-PA
JHU_Ag_99801	DFSEPTGTNTSSWLR	AGAP007563-PA	-	65	4.33E-06	1	1697.779	1.17	Head	2L:+:47715269-47715313	exon=> In CDS Exon 26 of transcript AGAP007563-PA

JHU_Ag_100230	NPTINDTGVYR	AGAP007563-PA	-	39	0.002310598	1	1249.616	-0.93	Visceras	2L:+:47711091-47711123	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_100399	RLPEVTLTTR	AGAP007563-PA	-	42	0.000482205	1	1185.695	-0.05	Head	2L:+:47711730-47711759	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_102253	TTDDSDDIIER	AGAP007563-PA	-	57	1.92E-05	2	1279.568	2.65	Head	2L:+:47685270-47685302	exon=> In CDS Exon 17 of transcript AGAP007563-PA
JHU_Ag_102912	KQPQVEETVQEATVSLK	AGAP007563-PA	-	103	5.40E-10	1	1914.020	1.24	Head	2L:+:47707047-47707097	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_102931	FEEQSVPQGGTIK	AGAP007563-PA	-	41	0.001596006	2	1419.711	-0.54	Head	2L:+:47710644-47710682	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_104307	AVESTIEPEESAQVK	AGAP007563-PA	-	68	2.32E-06	2	1616.804	1.28	Visceras	2L:+:47706927-47706971	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_105110	QVPEEVVTAVQEPVVVVK	AGAP007563-PA	-	106	8.13E-11	1	1949.097	0.77	Head	2L:+:47705844-47705897	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_105797	NIAGFASSATELVVDSYSSDHGSDVATLSR	AGAP007563-PA	-	57	2.42E-05	1	3056.443	-0.37	Visceras	2L:+:47709894-47709983	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_110380	HIEDIEQEFK	AGAP007563-PA	-	68	1.86E-06	1	1287.621	-0.74	Head	2L:+:47707884-47707913	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_110586	EKPELETLDIER	AGAP007563-PA	-	80	1.03E-07	1	1471.768	2.42	Head	2L:+:47704479-47704514	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_110729	TVDADGGEYTCVVGEQR	AGAP007563-PA	C11(Carbamidomethyl)	90	9.15E-09	2	1855.809	-2.02	Ovary	2L:+:47711631-47711681	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_112421	KKPSITEPEEAEATFK	AGAP007563-PA	-	58	2.25E-05	1	1804.929	-1.91	Head	2L:+:47707566-47707613	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_114156	TDEPKPVPVEPKPVEQPVEPEK	AGAP007563-PA	-	77	1.83E-07	1	2468.293	0.24	Head	2L:+:47705898-47705963	exon=> In CDS Exon 19 of transcript AGAP007563-PA
JHU_Ag_115278	TGVQEPPQILEPLK	AGAP007563-PA	-	32	0.003727295	2	1548.864	0.6	Head	2L:+:47710320-47710361	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_115491	NGVALDVPTQADR	AGAP007563-PA	N1(Deamidated)	46	0.000289533	2	1356.678	1.53	Pupa	2L:+:47710446-47710484	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_116555	EREGFNVAEIAQDYVAK	AGAP007563-PA	-	52	9.12E-05	3	1938.957	0.53	Head	2L:+:47679491-47679541	exon=> In CDS Exon 16 of transcript AGAP007563-PA
JHU_Ag_116993	KDEDVTFSVK	AGAP007563-PA	-	47	0.000329911	2	1167.592	2.53	Larva	2L:+:47712030-47712059	exon=> In CDS Exon 21 of transcript AGAP007563-PA
JHU_Ag_2885	SILIIESFTR	AGAP007563-PA,AGAP007563-PB	-	49	5.71E-05	2	1178.678	0.23	Visceras	2L:+:47669811-47669840;2L:+:47669811-47669840	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_3903	KPVVEEIAPTEPEEVEEK	AGAP007563-PA,AGAP007563-PB	-	38	0.002450853	3	2052.042	1.79	Head	2L:+:47666523-47666576;2L:+:47666523-47666576	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_4930	VFIDDSQPLPELEIITQK	AGAP007563-PA,AGAP007563-PB	-	41	0.000678077	2	2085.114	1.11	Head	2L:+:47668524-47668577;2L:+:47668524-47668577	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_6538	ELPQESIEEVSLKPVPQK	AGAP007563-PA,AGAP007563-PB	-	52	5.06E-05	2	2050.109	1.18	Head	2L:+:47667117-47667170;2L:+:47667117-47667170	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_13281	TETAFEKHEETR	AGAP007563-PA,AGAP007563-PB	-	56	3.77E-05	1	1477.691	-0.65	Pupa	2L:+:47673947-47673964,47674138-47674155;2L:+:47673947-47673964,47674138-47674155	exon=> In CDS Exon 14 and 15 of transcript AGAP007563-PA;exon=> In CDS Exon 14 and 15 of transcript AGAP007563-PB
JHU_Ag_14195	RVQEVTDK	AGAP007563-PA,AGAP007563-PB	-	36	0.004613934	1	974.523	-3.68	Head	2L:+:47668578-47668601;2L:+:47668578-47668601	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB

JHU_Ag_15252	EHVETLVEEIVTTETVQEIER	AGAP007563-PA,AGAP007563-PB	-	35	0.003635048	1	2483.268	6.56	Visceras	2L:+:47673449-47673511;2L:+:47673449-47673511	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_16754	ASEFGPGEAPLR	AGAP007563-PA,AGAP007563-PB	-	36	0.003094439	2	1230.613	1.37	Pupa	2L:+:47673599-47673634;2L:+:47673599-47673634	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_20395	RQQKPKPQEEVPEEK	AGAP007563-PA,AGAP007563-PB	-	58	1.89E-05	1	1849.968	-4.84	Head	2L:+:47666106-47666150;2L:+:47666106-47666150	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_26826	KPVVEEIAPTEPEEVEEKTVK	AGAP007563-PA,AGAP007563-PB	-	72	4.07E-07	1	2380.265	6.54	Malpighian tubule	2L:+:47666523-47666585;2L:+:47666523-47666585	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_27932	KPVVEEVATAEPEEVEEK	AGAP007563-PA,AGAP007563-PB	-	82	9.66E-08	2	2012.007	-0.3	Male reproductive organs	2L:+:47665227-47665280;2L:+:47665227-47665280	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_28060	AMNEAGTTESIAK	AGAP007563-PA,AGAP007563-PB	M2(Oxidation)	51	9.30E-05	2	1338.619	-1.45	Head	2L:+:47673041-47673079;2L:+:47673041-47673079	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_31028	LDVSDVESVK	AGAP007563-PA,AGAP007563-PB	-	66	4.28E-06	1	1090.561	-1.37	Visceras	2L:+:47673530-47673559;2L:+:47673530-47673559	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_34295	SSASVAISDATDTDEAK	AGAP007563-PA,AGAP007563-PB	-	48	0.000183833	2	1667.762	0.49	Ovary	2L:+:47669592-47669642;2L:+:47669592-47669642	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_38687	LEFTPTEVPEVEK	AGAP007563-PA,AGAP007563-PB	-	79	2.06E-07	1	1517.778	3.25	Head	2L:+:47665344-47665382;2L:+:47665344-47665382	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_40298	SEVEEVPADTVSIAEVK	AGAP007563-PA,AGAP007563-PB	-	48	0.000263797	2	1801.911	2.64	Head	2L:+:47667171-47667221;2L:+:47667171-47667221	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_42000	ICTSENTSTLTIYPVEVADFGFYK	AGAP007563-PA,AGAP007563-PB	C2(Carbamidomethyl)	77	2.76E-07	2	2755.329	4.24	Visceras	2L:+:47672963-47673034;2L:+:47672963-47673034	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_44392	RQQKPKPQEEVPEEK	AGAP007563-PA,AGAP007563-PB	-	64	4.75E-06	1	1849.976	-0.55	Male reproductive organs	2L:+:47666106-47666150;2L:+:47666106-47666150	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_45650	SSASVAISDATDTDEAK	AGAP007563-PA,AGAP007563-PB	-	54	4.04E-05	2	1667.763	1.07	Head	2L:+:47669592-47669642;2L:+:47669592-47669642	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_49159	VDRNETTTELEQQK	AGAP007563-PA,AGAP007563-PB	-	49	0.000239904	2	1690.828	2	Head	2L:+:47664639-47664680;2L:+:47664639-47664680	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_51002	LIESIVPTLTDDEKAELDAAR	AGAP007563-PA,AGAP007563-PB	-	58	1.70E-05	1	2299.210	2.99	Visceras	2L:+:47673080-47673142;2L:+:47673080-47673142	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_51356	QLIETTQQQISETK	AGAP007563-PA,AGAP007563-PB	-	69	1.93E-06	2	1646.860	-0.04	Visceras	2L:+:47668632-47668673;2L:+:47668632-47668673	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_54065	SISTLEEYAEPIEYAPQIVK	AGAP007563-PA,AGAP007563-PB	-	65	4.32E-06	2	2280.170	2.44	Head	2L:+:47670363-47670422;2L:+:47670363-47670422	exon=> In CDS Exon 13 of transcript AGAP007563-PA;exon=> In CDS Exon 13 of transcript AGAP007563-PB
JHU_Ag_59713	ANIVVQEKPEHGEAPR	AGAP007563-PA,AGAP007563-PB	-	70	1.19E-06	1	1773.929	2.88	Head	2L:+:47668974-47669021;2L:+:47668974-47669021	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB

JHU_Ag_60568	KPVVEEVATAEPEEVEEK	AGAP007563-PA,AGAP007563-PB	-	124	6.01E-12	1	2012.007	0.06	Head	2L:+:47665227-47665280;2L:+:47665227-47665280	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_64080	ANVYIQSVVMER	AGAP007563-PA,AGAP007563-PB	N2(Deamidated)	34	0.007001444	1	1409.722	8.75	Midgut	2L:+:47669283-47669318;2L:+:47669283-47669318	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_72970	EAIEEVSLKPVPK	AGAP007563-PA,AGAP007563-PB	-	103	1.92E-10	1	1438.820	2.96	Head	2L:+:47665188-47665226;2L:+:47665188-47665226	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_84169	AKPSAVAPQIVQPLEAQVVR	AGAP007563-PA,AGAP007563-PB	-	25	0.003207667	1	2101.223	4.68	Head	2L:+:47669319-47669378;2L:+:47669319-47669378	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_89237	REIPAPEPAVMETVTLKPTPK	AGAP007563-PA,AGAP007563-PB	M11(Oxidation)	31	0.005535795	1	2320.260	0.73	Head	2L:+:47667045-47667107;2L:+:47667045-47667107	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_90779	ASEFGPGEAPLR	AGAP007563-PA,AGAP007563-PB	-	99	1.52E-09	1	1230.613	0.97	Visceras	2L:+:47673599-47673634;2L:+:47673599-47673634	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_100751	FKEHVETLVEEIVTTETVQEIER	AGAP007563-PA,AGAP007563-PB	-	112	6.48E-11	1	2758.432	6.39	Visceras	2L:+:47673443-47673511;2L:+:47673443-47673511	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_108403	EAIEEVSLKPVPK	AGAP007563-PA,AGAP007563-PB	-	55	1.65E-05	2	1438.817	0.92	Male reproductive organs	2L:+:47665188-47665226;2L:+:47665188-47665226	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_113260	FSSESTTTLTTSTTSEMTQDVK	AGAP007563-PA,AGAP007563-PB	M17(Oxidation)	99	1.50E-09	2	2398.083	0.46	Visceras	2L:+:47673350-47673415;2L:+:47673350-47673415	exon=> In CDS Exon 14 of transcript AGAP007563-PA;exon=> In CDS Exon 14 of transcript AGAP007563-PB
JHU_Ag_115106	LKPQEEVPEEK	AGAP007563-PA,AGAP007563-PB	-	52	8.55E-05	1	1325.684	-8.13	Head	2L:+:47665470-47665502;2L:+:47665470-47665502	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_115418	EKPPVEEEEPK	AGAP007563-PA,AGAP007563-PB	-	37	0.002614183	2	1310.648	0.74	Head	2L:+:47667636-47667668;2L:+:47667636-47667668	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_115741	ATVNVEPFEYVPDSEQFR	AGAP007563-PA,AGAP007563-PB	-	77	3.09E-07	1	2127.006	1.59	Head	2L:+:47670216-47670269;2L:+:47670216-47670269	exon=> In CDS Exon 12 of transcript AGAP007563-PA;exon=> In CDS Exon 12 of transcript AGAP007563-PB
JHU_Ag_56	IHQLEDAIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	54	4.59E-05	1	1094.594	-1.29	Visceras	2L:+:47644055-47644081;2L:+:47644055-47644081	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_124	FIVPLSDVAQVEGGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	113	5.79E-11	1	1558.851	2.17	Visceras	2L:+:47640367-47640411;2L:+:47640367-47640411	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_178	IQTYHDFGYVALDILDVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	52	9.37E-05	1	2138.090	-0.68	Head	2L:+:47641801-47641854;2L:+:47641801-47641854	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_317	FVSQIQSATIDEGETIRFECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C20(Carbamidomethyl)	43	0.000759118	1	2486.203	2.07	Visceras	2L:+:47650164-47650226;2L:+:47650164-47650226	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_376	KTEYVDEIVNVKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	54	3.73E-05	1	1689.914	-1.59	Visceras	2L:+:47642888-47642929;2L:+:47642888-47642929;2L:+:47642888-47642929	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_474	AGLEAVQDTEAALANRYR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	82	9.15E-08	1	1947.996	3.86	Malpighian tubule	2L:+:47647311-47647364;2L:+:47647311-47647364;2L:+:47647311-47647364	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_958	YECVAINGAGEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C3(Carbamidomethyl), N7(Deamidated)	48	0.000151631	2	1410.634	1.31	Male reproductive organs	2L:+:47654165-47654203;2L:+:47654165-47654203;2L:+:47654165-47654203	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_994	EVYDDKEIIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	3.02E-07	1	1279.652	-0.5	Visceras	2L:+:47653526-47653555;2L:+:47653526-47653555;2L:+:47653526-47653555	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_1108	LSSSTGVAESR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	60	1.78E-05	1	1093.549	0.29	Larva	2L:+:47640655-47640687;2L:+:47640655-47640687;2L:+:47640655-47640687	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_1405	DTEVDEVITQAPVFTLPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	63	6.07E-06	2	2101.106	0.03	Male reproductive organs	2L:+:47643692-47643748;2L:+:47643692-47643748;2L:+:47643692-47643748	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_1601	LIPVSDPTLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	48	5.80E-05	2	1110.652	-0.12	Male reproductive organs	2L:+:47643395-47643424;2L:+:47643395-47643424;2L:+:47643395-47643424	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_1669	GGVYLESLQPDSLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	8.72E-07	1	1604.829	0.68	Male reproductive organs	2L:+:47648403-47648447;2L:+:47648403-47648447;2L:+:47648403-47648447	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_1705	ATNNLGEAVSTATLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N3(Deamidated), N4(Deamidated)	45	0.000575525	2	1491.757	2.42	Larva	2L:+:47646822-47646866;2L:+:47646822-47646866;2L:+:47646822-47646866	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_1775	DNVDVAEGGPVHFDCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C15(Carbamidomethyl)	111	6.19E-11	1	1786.787	3.21	Head	2L:+:47649780-47649827;2L:+:47649780-47649827;2L:+:47649780-47649827	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_1912	ASLDLETQNESALEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	122	1.11E-11	1	1647.808	0.62	Head	2L:+:47644010-47644054;2L:+:47644010-47644054;2L:+:47644010-47644054	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_2403	ATSFSEQQQHQQFQQHQVIETSTEATK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q14(Deamidated),Q15(Deamidated)	176	3.99E-17	1	3146.472	-1.88	Head	2L:+:47639462-47639542;2L:+:47639462-47639542;2L:+:47639462-47639542	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_2494	ASIAGEPLLPEAWEKIQLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	37	0.000685979	1	2093.178	6.41	Malpighian tubule	2L:+:47646477-47646533;2L:+:47646477-47646533;2L:+:47646477-47646533	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_3361	ATNEYGEAVTTSTMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	117	1.88E-11	1	1646.736	2.01	Visceras	2L:+:47649159-47649203;2L:+:47649159-47649203;2L:+:47649159-47649203	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_3485	ALSPSFMTLIQDAETTEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	120	1.58E-11	1	2055.004	4.16	Larva	2L:+:47639543-47639599;2L:+:47639543-47639599;2L:+:47639543-47639599	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_3931	IGEAISTSK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	36	0.003310745	1	905.497	2.97	Malpighian tubule	2L:+:47641069-47641095;2L:+:47641069-47641095;2L:+:47641069-47641095	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_3985	IEDSGSYTCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	62	1.93E-06	2	1187.500	0.13	Male reproductive organs	2L:+:47648013-47648042;2L:+:47648013-47648042;2L:+:47648013-47648042	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_4322	IIALEQPHQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	69	1.18E-06	1	1332.737	-0.81	Head	2L:+:47646126-47646158;2L:+:47646126-47646158;2L:+:47646126-47646158	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_4443	VTANAGLYLETLDEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	93	7.69E-09	2	1792.913	3.13	Head	2L:+:47644799-47644805,47644879-47644919;2L:+:47644799-47644805,47644879-47644919;2L:+:47644799-47644805,47644879-47644919	exon=> In CDS Exon 5 and 6 of transcript AGAP007563-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP007563-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP007563-PC
JHU_Ag_4736	VEWYCNGRPIQQGHR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C5(Carbamidomethyl)	49	0.000196174	1	1899.902	-0.64	Visceras	2L:+:47644625-47644669;2L:+:47644625-47644669;2L:+:47644625-47644669	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_4806	VIQPEAVPEPEIIYLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.000523837	2	1866.039	1.21	Male reproductive organs	2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300	exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PC
JHU_Ag_5414	RPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	5.32E-06	1	1635.756	5.24	Larva	2L:+:47647770-47647817;2L:+:47647770-47647817;2L:+:47647770-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_5837	AVNALGEAVTSATCVVHTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C14(Carbamidomethyl)	156	3.77E-15	1	1955.999	1.09	Head	2L:+:47643554-47643610;2L:+:47643554-47643610;2L:+:47643554-47643610	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_5935	RPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	101	8.76E-10	2	1635.737	-5.95	Head	2L:+:47647770-47647817;2L:+:47647770-47647817;2L:+:47647770-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_6560	SEDQEAAFEKPIFTQLLTGPSELWEGQHAHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	31	0.008382038	1	3898.879	3.06	Head	2L:+:47646159-47646260;2L:+:47646159-47646260;2L:+:47646159-47646260	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_6576	ELESYQKPQTQEVEPAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	42	0.001081928	1	2003.994	0.91	Malpighian tubule	2L:+:47644935-47644985;2L:+:47644935-47644985;2L:+:47644935-47644985	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_6662	SPISDQLNVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	61	8.66E-06	1	1128.602	0.82	Visceras	2L:+:47641255-47641284;2L:+:47641255-47641284;2L:+:47641255-47641284	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_6712	IEFYHNGKPLQSASR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q11(Deamidated),N6(Deamidated)	66	4.01E-06	1	1747.877	0.52	Male reproductive organs	2L:+:47645493-47645537;2L:+:47645493-47645537;2L:+:47645493-47645537	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_6758	DTEVDEVITQAPVFTLPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	118	1.60E-11	1	2101.112	2.59	Visceras	2L:+:47643692-47643748;2L:+:47643692-47643748;2L:+:47643692-47643748	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_6995	YAGETDAQLITTVDR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	89	2.25E-08	2	1652.816	1.77	Male reproductive organs	2L:+:47639090-47639134;2L:+:47639090-47639134;2L:+:47639090-47639134	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC

JHU_Ag_7071	DCLVEEGSPAQFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C2(Carbamidomethyl)	53	6.76E-05	2	1479.680	1.09	Male reproductive organs	2L:+:47654600-47654638;2L:+:47654600-47654638;2L:+:47654600-47654638	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_7132	DCLVEEGSPAQFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C2(Carbamidomethyl)	66	2.95E-06	2	1479.682	2.32	Midgut	2L:+:47654600-47654638;2L:+:47654600-47654638;2L:+:47654600-47654638	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_7441	QYDTGKIEVIAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	62	7.28E-06	1	1392.749	0.67	Visceras	2L:+:47651410-47651445;2L:+:47651410-47651445;2L:+:47651410-47651445	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_7757	FDHGIVTCVAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C8(Carbamidomethyl)	54	6.15E-05	1	1274.626	-4.15	Head	2L:+:47639750-47639782;2L:+:47639750-47639782;2L:+:47639750-47639782	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_8289	ATNQVGEAVSTCNIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	80	1.74E-07	1	1619.786	3.4	Malpighian tubule	2L:+:47645223-47645267;2L:+:47645223-47645267;2L:+:47645223-47645267	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_8508	VEWYQNGRPITVGSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q5(Deamidated),N6(Deamidated)	38	0.002375152	3	1762.892	2.63	Visceras	2L:+:47642225-47642269;2L:+:47642225-47642269;2L:+:47642225-47642269	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_8515	LNEAEALHLEGQVEPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	125	4.73E-12	1	1776.918	3.17	Head	2L:+:47647437-47647484;2L:+:47647437-47647484;2L:+:47647437-47647484	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_9253	LVVCEREQVVAPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C4(Carbamidomethyl)	38	0.001198094	1	1526.840	2.58	Malpighian tubule	2L:+:47639816-47639854;2L:+:47639816-47639854;2L:+:47639816-47639854	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_9385	FTTQLQSLEGLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	60	8.40E-06	2	1364.743	0.49	Male reproductive organs	2L:+:47648121-47648156;2L:+:47648121-47648156;2L:+:47648121-47648156	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_9585	AAIDTTSMHHVVER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M8(Oxidation)	55	5.72E-05	2	1582.765	0.57	Male reproductive organs	2L:+:47642012-47642053;2L:+:47642012-47642053;2L:+:47642012-47642053	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_9746	ILVNEAGNHSLMITSTNR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	45	0.000353214	1	1970.017	2.33	Pupa	2L:+:47639696-47639749;2L:+:47639696-47639749;2L:+:47639696-47639749	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC

JHU_Ag_10208	IGEAISTSK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	55	3.35E-05	1	905.494	-0.2	Male reproductive organs	2L:+:47641069-47641095;2L:+:47641069-47641095;2L:+:47641069-47641095	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_11407	RPEVQDAVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	53	6.00E-05	2	1142.619	1.84	Malpighian tubule	2L:+:47645757-47645786;2L:+:47645757-47645786;2L:+:47645757-47645786	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_11662	NAIGEAVTTCAVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	93	9.94E-09	2	1333.679	0.31	Male reproductive organs	2L:+:47644760-47644798;2L:+:47644760-47644798;2L:+:47644760-47644798	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_11834	DSGLYTCK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C7(Carbamidomethyl)	49	5.74E-05	1	943.417	-2.11	Head	2L:+:47649549-47649572;2L:+:47649549-47649572;2L:+:47649549-47649572	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_11936	EGDYAHLECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	50	3.49E-05	1	1249.526	-0.88	Male reproductive organs	2L:+:47645034-47645063;2L:+:47645034-47645063;2L:+:47645034-47645063	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_12014	QVTVHDVGTYTCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	52	9.60E-05	2	1535.732	3.47	Visceras	2L:+:47641435-47641473;2L:+:47641435-47641473;2L:+:47641435-47641473	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_12033	VEWYHNGRPLMSANR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M11(Oxidation)	39	0.002051499	1	1845.880	-0.66	Visceras	2L:+:47641756-47641800;2L:+:47641756-47641800;2L:+:47641756-47641800	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_12579	WGTAEISVDLECVDK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	66	4.14E-06	2	1721.817	6.63	Visceras	2L:+:47648055-47648099;2L:+:47648055-47648099;2L:+:47648055-47648099	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_12584	LSSSTGVAESR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	54	6.66E-05	2	1093.548	-0.05	Male reproductive organs	2L:+:47640655-47640687;2L:+:47640655-47640687;2L:+:47640655-47640687	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_13104	LHGPTNLVEGQSAHYECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	132	1.00E-12	1	2067.970	1.87	Head	2L:+:47644142-47644195;2L:+:47644142-47644195;2L:+:47644142-47644195	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_13185	FIVPLSDVAQVEGGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	1.87E-05	2	1558.848	0.21	Ovary	2L:+:47640367-47640411;2L:+:47640367-47640411;2L:+:47640367-47640411	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC

JHU_Ag_13364	ATNQVGEAVSTCNIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	70	1.55E-06	2	1619.781	0.24	Male reproductive organs	2L:+:47645223-47645267;2L:+:47645223-47645267;2L:+:47645223-47645267	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_13575	NSPRPWYDYDLVAYQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	90	1.71E-08	1	2014.970	1.97	Head	2L:+:47651524-47651536,47652990-47653024;2L:+:47651524-47651536,47652990-47653024;2L:+:47651524-47651536,47652990-47653024	exon=> In CDS Exon 9 and 10 of transcript AGAP007563-PA;exon=> In CDS Exon 9 and 10 of transcript AGAP007563-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP007563-PC
JHU_Ag_13897	IRELESQSGAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	42	0.001001094	2	1217.653	3.4	Visceras	2L:+:47648448-47648480;2L:+:47648448-47648480;2L:+:47648448-47648480	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_14274	ELESYQKPQTQEVEPAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	69	2.30E-06	1	2003.994	1.16	Visceras	2L:+:47644935-47644985;2L:+:47644935-47644985;2L:+:47644935-47644985	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_14309	ASDAAWYQCTAQNVAGTTATR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	53	6.15E-05	2	2243.011	-1.72	Male reproductive organs	2L:+:47640044-47640106;2L:+:47640044-47640106;2L:+:47640044-47640106	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_15085	KEPAFVSRPDSIEVEEGEWAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	130	1.40E-12	1	2431.192	1.4	Visceras	2L:+:47651144-47651206;2L:+:47651144-47651206;2L:+:47651144-47651206	exon=> In CDS Exon 8 of transcript AGAP007563-PA;exon=> In CDS Exon 8 of transcript AGAP007563-PB;exon=> In CDS Exon 8 of transcript AGAP007563-PC
JHU_Ag_15167	ANLILDSQLPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	85	1.30E-08	2	1239.710	3.54	Malpighian tubule	2L:+:47648802-47648834;2L:+:47648802-47648834;2L:+:47648802-47648834	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_15377	QFVEPQYQVEELCK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C13(Carbamidomethyl)	81	1.39E-07	1	1796.852	-0.32	Visceras	2L:+:47642075-47642116;2L:+:47642075-47642116;2L:+:47642075-47642116	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_15482	DLILESQYPAGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	121	9.80E-12	1	1575.832	3.21	Visceras	2L:+:47642813-47642854;2L:+:47642813-47642854;2L:+:47642813-47642854	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_15881	SLHNVETFEGTNIHLECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	124	6.90E-12	1	2156.028	4.02	Midgut	2L:+:47642540-47642593;2L:+:47642540-47642593;2L:+:47642540-47642593	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_15937	QKPVFLTPLTSLENLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	82	1.09E-08	1	1828.061	1.81	Visceras	2L:+:47644986-47645033;2L:+:47644986-47645033;2L:+:47644986-47645033	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_16001	KYTEEIFLTEDDLFDPDR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	8.28E-07	2	2246.061	4.7	Visceras	2L:+:47650524-47650577;2L:+:47650524-47650577;2L:+:47650524-47650577	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_16424	AGLEAVQDTEAALANR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	61	1.11E-05	1	1628.832	4.7	Malpighian tubule	2L:+:47647311-47647358;2L:+:47647311-47647358;2L:+:47647311-47647358	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_16431	LKVEWFWNGKPLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	43	0.000268162	1	1644.927	0.77	Visceras	2L:+:47649024-47649062;2L:+:47649024-47649062;2L:+:47649024-47649062	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_16488	ASIAGEPLLPEAWEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	89	1.69E-08	1	1610.847	2.83	Visceras	2L:+:47646477-47646521;2L:+:47646477-47646521;2L:+:47646477-47646521	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_17283	ATNQLGSAHTSACVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C13(Carbamidomethyl)	86	4.33E-08	1	1572.762	4.29	Larva	2L:+:47642354-47642398;2L:+:47642354-47642398;2L:+:47642354-47642398	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_17846	QEFSQQQQFSSSQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	117	2.72E-11	1	1842.840	1.93	Visceras	2L:+:47632986-47633030;2L:+:47632986-47633030;2L:+:47632986-47633030	exon=> In CDS Exon 1 of transcript AGAP007563-PA;exon=> In CDS Exon 1 of transcript AGAP007563-PB;exon=> In CDS Exon 1 of transcript AGAP007563-PC
JHU_Ag_17855	AINPLGEAVTTASMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	68	3.00E-06	2	1546.792	1.83	Male reproductive organs	2L:+:47646024-47646068;2L:+:47646024-47646068;2L:+:47646024-47646068	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_17967	AGLEAVQDTEAALANR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	111	1.24E-10	1	1628.825	0.73	Male reproductive organs	2L:+:47647311-47647358;2L:+:47647311-47647358;2L:+:47647311-47647358	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_18123	RPEVQDAVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	52	5.86E-05	2	1142.610	-5.63	Head	2L:+:47645757-47645786;2L:+:47645757-47645786;2L:+:47645757-47645786	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_18225	LAELETEQLTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	84	6.81E-08	1	1274.686	1.73	Head	2L:+:47653175-47653207;2L:+:47653175-47653207;2L:+:47653175-47653207	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC

JHU_Ag_18393	DLILESQYPAGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	94	5.81E-09	1	1575.826	-0.2	Head	2L:+:47642813-47642854;2L:+:47642813-47642854;2L:+:47642813-47642854	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_19220	FVSQIQSATIDEGETIRFECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C20(Carbamidomethyl)	69	1.86E-06	1	2486.199	0.45	Head	2L:+:47650164-47650226;2L:+:47650164-47650226;2L:+:47650164-47650226	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_19408	DGHPVEASSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	1.56E-05	1	1054.492	0.46	Head	2L:+:47641360-47641389;2L:+:47641360-47641389;2L:+:47641360-47641389	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_19581	VIQPEAVPEPEIIYLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	42	0.00023911	1	1866.049	6.58	Malpighian tubule	2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300	exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PC
JHU_Ag_19638	IQYLECDAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C6(Carbamidomethyl)	47	0.000269942	2	1167.545	-1.06	Visceras	2L:+:47644457-47644483;2L:+:47644457-47644483;2L:+:47644457-47644483	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_19690	TEQQSVQQQSHQVMQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	90	1.21E-08	1	2085.974	0.21	Male reproductive organs	2L:+:47633046-47633096;2L:+:47633046-47633096;2L:+:47633046-47633096	exon=> In CDS Exon 1 of transcript AGAP007563-PA;exon=> In CDS Exon 1 of transcript AGAP007563-PB;exon=> In CDS Exon 1 of transcript AGAP007563-PC
JHU_Ag_19758	DSGHYTLLAENPQGCQVSSAVLAVEPAQEQVAVER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C15(Carbamidomethyl)	64	4.49E-06	3	3752.824	1.49	Visceras	2L:+:47639357-47639461;2L:+:47639357-47639461;2L:+:47639357-47639461	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_19823	YVNPEDSGTYTCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	63	2.43E-06	2	1561.660	0.52	Head	2L:+:47643914-47643952;2L:+:47643914-47643952;2L:+:47643914-47643952	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_20544	ELESYQKPQTQEVEPAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	37	0.003255956	1	2003.990	-0.97	Head	2L:+:47644935-47644985;2L:+:47644935-47644985;2L:+:47644935-47644985	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_21053	NAHFEAQITPVSDPTMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	113	7.28E-11	1	1913.919	0.58	Head	2L:+:47640877-47640927;2L:+:47640877-47640927;2L:+:47640877-47640927	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC

JHU_Ag_21407	NIIFDSQHPDGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	60	1.49E-05	1	1612.802	3.36	Male reproductive organs	2L:+:47645283-47645324;2L:+:47645283-47645324;2L:+:47645283-47645324	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_21839	YTEEIFLTEDDLFDPDRK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	50	0.000122499	2	2246.041	-3.88	Visceras	2L:+:47650527-47650580;2L:+:47650527-47650580;2L:+:47650527-47650580	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_21847	NGIAITTGAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N1(Deamidated)	43	0.000910221	2	974.530	3.02	Male reproductive organs	2L:+:47646708-47646737;2L:+:47646708-47646737;2L:+:47646708-47646737	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_22038	LAELETEQLTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	69	2.29E-06	2	1274.684	0	Male reproductive organs	2L:+:47653175-47653207;2L:+:47653175-47653207;2L:+:47653175-47653207	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_22114	REQQQTTVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	34	0.006366484	2	1117.594	-2.02	Head	2L:+:47638946-47638972;2L:+:47638946-47638972;2L:+:47638946-47638972	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_22952	GNPRPEVSWTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	39	0.00168785	1	1298.660	0.01	Visceras	2L:+:47638709-47638741;2L:+:47638709-47638741;2L:+:47638709-47638741	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_23036	AINPLGEAVTTASMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	56	4.35E-05	2	1530.792	-1.79	Midgut	2L:+:47646024-47646068;2L:+:47646024-47646068;2L:+:47646024-47646068	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_23329	DTEVDEVITQAPVFTLPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	112	6.70E-11	2	2101.109	1.08	Head	2L:+:47643692-47643748;2L:+:47643692-47643748;2L:+:47643692-47643748	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_23476	TTGKPGIVYDSQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	68	1.37E-06	1	1603.868	-0.38	Head	2L:+:47650936-47650980;2L:+:47650936-47650980;2L:+:47650936-47650980	exon=> In CDS Exon 7 of transcript AGAP007563-PA;exon=> In CDS Exon 7 of transcript AGAP007563-PB;exon=> In CDS Exon 7 of transcript AGAP007563-PC
JHU_Ag_23605	IDASHWLLGDTMHPSSVQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M12(Oxidation)	84	6.35E-08	1	2138.033	-0.29	Head	2L:+:47646867-47646923;2L:+:47646867-47646923;2L:+:47646867-47646923	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_23678	AVNLVGVDEIAVQLSCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C16(Carbamidomethyl)	100	8.59E-10	1	1842.981	3.66	Visceras	2L:+:47643155-47643205;2L:+:47643155-47643205;2L:+:47643155-47643205	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_23682	SKPIFTQPLSDPQPVGEGR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	91	8.29E-09	1	2053.073	0.93	Visceras	2L:+:47642117-47642173;2L:+:47642117-47642173;2L:+:47642117-47642173	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_23937	FYEETPESTQRPEFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	101	9.97E-10	1	1887.885	4.86	Malpighian tubule	2L:+:47641210-47641254;2L:+:47641210-47641254;2L:+:47641210-47641254	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_23978	TTQEQVEQVVQPQPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	97	2.61E-09	2	1766.906	1.53	Head	2L:+:47641615-47641659;2L:+:47641615-47641659;2L:+:47641615-47641659	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_24118	ALGPATAPQIGQKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	80	4.08E-08	1	1504.861	0.83	Male reproductive organs	2L:+:47639135-47639179;2L:+:47639135-47639179;2L:+:47639135-47639179	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_24142	ATNLYGMDETR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	62	5.33E-06	2	1286.569	0.83	Male reproductive organs	2L:+:47650891-47650923;2L:+:47650891-47650923;2L:+:47650891-47650923	exon=> In CDS Exon 7 of transcript AGAP007563-PA;exon=> In CDS Exon 7 of transcript AGAP007563-PB;exon=> In CDS Exon 7 of transcript AGAP007563-PC
JHU_Ag_24193	QTAAGSPVGEAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	78	1.82E-07	1	1240.629	0.48	Visceras	2L:+:47648481-47648519;2L:+:47648481-47648519;2L:+:47648481-47648519	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_24220	AINPLGEAVTTASMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	63	7.62E-06	2	1530.800	3.71	Malpighian tubule	2L:+:47646024-47646068;2L:+:47646024-47646068;2L:+:47646024-47646068	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_24340	VTANAGLYLETLDEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	80	1.60E-07	2	1792.914	3.68	Visceras	2L:+:47644799-47644805,47644879-47644919;2L:+:47644799-47644805,47644879-47644919;2L:+:47644799-47644805,47644879-47644919	exon=> In CDS Exon 5 and 6 of transcript AGAP007563-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP007563-PB;exon=> In CDS Exon 5 and 6 of transcript AGAP007563-PC
JHU_Ag_24572	NAVGEAICSVFIQPEGMATPQFQQVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C8(Carbamidomethyl), M17(Oxidation),C8(Carbamidomethyl)	53	6.49E-05	1	2877.416	4.61	Visceras	2L:+:47638868-47638945;2L:+:47638868-47638945;2L:+:47638868-47638945	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_24881	EGDYAHLECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	64	1.48E-06	1	1249.522	-3.71	Head	2L:+:47645034-47645063;2L:+:47645034-47645063;2L:+:47645034-47645063	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_24951	ATNLYGMDETR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	62	5.80E-06	2	1270.575	1.26	Head	2L:+:47650891-47650923;2L:+:47650891-47650923;2L:+:47650891-47650923	exon=> In CDS Exon 7 of transcript AGAP007563-PA;exon=> In CDS Exon 7 of transcript AGAP007563-PB;exon=> In CDS Exon 7 of transcript AGAP007563-PC
JHU_Ag_24987	KEPAFVSRPDSIEVEEGEWAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	95	4.72E-09	1	2431.203	5.69	Midgut	2L:+:47651144-47651206;2L:+:47651144-47651206;2L:+:47651144-47651206	exon=> In CDS Exon 8 of transcript AGAP007563-PA;exon=> In CDS Exon 8 of transcript AGAP007563-PB;exon=> In CDS Exon 8 of transcript AGAP007563-PC
JHU_Ag_25067	DVLEDITVMSPPQFAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M9(Oxidation)	73	9.62E-07	1	1833.908	1.52	Malpighian tubule	2L:+:47642492-47642539;2L:+:47642492-47642539;2L:+:47642492-47642539	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_25230	IIALEQPHQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	51	6.55E-05	1	1332.743	3.31	Malpighian tubule	2L:+:47646126-47646158;2L:+:47646126-47646158;2L:+:47646126-47646158	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_25497	ATNQLGSAHTSACVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C13(Carbamidomethyl)	116	3.75E-11	1	1572.760	3.44	Male reproductive organs	2L:+:47642354-47642398;2L:+:47642354-47642398;2L:+:47642354-47642398	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_25893	APVFTTPLSNIDSLREGESAHFEAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	89	1.69E-08	1	2716.367	3.5	Head	2L:+:47648925-47648999;2L:+:47648925-47648999;2L:+:47648925-47648999	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_26624	QHDFGFVSMDLQHVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	42	0.000773 34	3	1815.859	-0.47	Visceras	2L:+:47645949-47645993;2L:+:47645949-47645993;2L:+:47645949-47645993	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_26745	GGVIPPSFVSTISDTTVTAGQLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	88	1.24E-08	1	2374.261	-0.35	Head	2L:+:47653940-47654011;2L:+:47653940-47654011;2L:+:47653940-47654011	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_26901	GGVYLESLQPDSLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	44	0.000600 05	2	1604.829	0.53	Ovary	2L:+:47648403-47648447;2L:+:47648403-47648447;2L:+:47648403-47648447	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_26972	QGIIMEPQLPSNFR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M5(Oxidation)	51	0.000135 767	2	1645.836	-0.53	Head	2L:+:47649630-47649671;2L:+:47649630-47649671;2L:+:47649630-47649671	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_27279	DQTNLVEMQATK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M8(Oxidation)	107	3.33E-10	2	1377.670	1.22	Head	2L:+:47650611-47650646;2L:+:47650611-47650646;2L:+:47650611-47650646	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_27326	RPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	112	6.66E-11	1	1635.746	-0.69	Male reproductive organs	2L:+:47647770-47647817;2L:+:47647770-47647817;2L:+:47647770-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_27345	GGVIPPSFVSTISDTTVTAGQLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	60	6.16E-06	2	2374.275	5.61	Visceras	2L:+:47653940-47654011;2L:+:47653940-47654011;2L:+:47653940-47654011	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_27503	YECVAINGAGEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C3(Carbamidomethyl)	69	1.39E-06	2	1409.646	-1.37	Head	2L:+:47654165-47654203;2L:+:47654165-47654203;2L:+:47654165-47654203	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_27550	IEDSGSYTCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	48	5.23E-05	2	1187.501	0.65	Head	2L:+:47648013-47648042;2L:+:47648013-47648042;2L:+:47648013-47648042	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_27604	ATNQLGSAHTSACVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C13(Carbamidomethyl)	111	1.12E-10	1	1572.757	1.65	Visceras	2L:+:47642354-47642398;2L:+:47642354-47642398;2L:+:47642354-47642398	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_27715	FVTELR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	33	0.005216919	2	764.430	0.17	Head	2L:+:47645397-47645414;2L:+:47645397-47645414;2L:+:47645397-47645414	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_27802	VTGKPTPTAQWFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	2.21E-05	1	1460.791	0.77	Head	2L:+:47654351-47654389;2L:+:47654351-47654389;2L:+:47654351-47654389	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_28224	ALGPATAPQIGQKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	1.92E-07	1	1504.865	3.83	Malpighian tubule	2L:+:47639135-47639179;2L:+:47639135-47639179;2L:+:47639135-47639179	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_28362	FTTQLQSLEGLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	74	4.02E-07	2	1364.743	0.93	Head	2L:+:47648121-47648156;2L:+:47648121-47648156;2L:+:47648121-47648156	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_28395	LVVQSK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	38	0.001155289	1	673.425	0.43	Visceras	2L:+:47643992-47644009;2L:+:47643992-47644009;2L:+:47643992-47644009	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_28486	RPEVQDAVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	5.09E-06	1	1142.617	0.03	Male reproductive organs	2L:+:47645757-47645786;2L:+:47645757-47645786;2L:+:47645757-47645786	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_28516	IEELEQYQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.001103383	2	1179.590	0.35	Visceras	2L:+:47641168-47641194;2L:+:47641168-47641194;2L:+:47641168-47641194	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_28880	IQTYHDFGYVALDILDVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	93	6.63E-09	1	2138.102	4.73	Visceras	2L:+:47641801-47641854;2L:+:47641801-47641854;2L:+:47641801-47641854	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_29133	VIQPEAVPEPEIIYLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	66	1.19E-06	1	1866.040	1.63	Visceras	2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300	exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PC
JHU_Ag_29334	ALSPSFMTLIQDAETTEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation), Q11(Deamidated),M7(Oxidation)	121	1.24E-11	2	2039.006	2.95	Visceras	2L:+:47639543-47639599;2L:+:47639543-47639599;2L:+:47639543-47639599	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_29554	RSIILESQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	32	0.001692545	1	1283.785	13.42	Malpighian tubule	2L:+:47649216-47649248;2L:+:47649216-47649248;2L:+:47649216-47649248	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_29848	IQDLEDSLRRPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	101	1.30E-09	1	2705.294	2.52	Malpighian tubule	2L:+:47647743-47647817;2L:+:47647743-47647817;2L:+:47647743-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_29890	QRPVFTQPLQNIDYVAEGQTAHFECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C25(Carbamidomethyl)	135	3.93E-13	1	3104.499	-0.7	Visceras	2L:+:47645787-47645864;2L:+:47645787-47645864;2L:+:47645787-47645864	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_30598	IEWYFNGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	38	0.001732348	1	1056.518	2.84	Head	2L:+:47647503-47647526;2L:+:47647503-47647526;2L:+:47647503-47647526	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_30896	NASVGEGLPVHLEATLTPVNDPTMK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M24(Oxidation)	40	0.001315	3	2606.309	-1.49	Head	2L:+:47644550-47644624;2L:+:47644550-47644624;2L:+:47644550-47644624	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_30987	VEWFYNGKPLPYK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	78	2.08E-07	1	1640.855	4.63	Head	2L:+:47650689-47650725,47650799-47650800;2L:+:47650689-47650725,47650799-47650800;2L:+:47650689-47650725,47650799-47650800	exon=> In CDS Exon 6 and 7 of transcript AGAP007563-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP007563-PB;exon=> In CDS Exon 6 and 7 of transcript AGAP007563-PC
JHU_Ag_31091	VHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	30	0.005345274	1	758.391	-4.38	Head	2L:+:47640412-47640429;2L:+:47640412-47640429;2L:+:47640412-47640429	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_31158	FAQGGNALFEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	86	4.14E-08	2	1238.618	1.3	Head	2L:+:47638667-47638702;2L:+:47638667-47638702;2L:+:47638667-47638702	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_31196	EGGFAHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	44	0.000448623	2	1120.519	2	Visceras	2L:+:47641285-47641314;2L:+:47641285-47641314;2L:+:47641285-47641314	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_31414	EVYDDKEIIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	7.01E-06	1	1279.653	-0.12	Male reproductive organs	2L:+:47653526-47653555;2L:+:47653526-47653555;2L:+:47653526-47653555	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_31736	VVEGPVQPTKPPVFTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q7(Deamidated)	106	7.44E-11	1	1750.991	3.16	Head	2L:+:47653613-47653660;2L:+:47653613-47653660;2L:+:47653613-47653660	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_31764	VVEGPVQPTKPPVFTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	42	0.000209075	1	1750.983	-1	Visceras	2L:+:47653613-47653660;2L:+:47653613-47653660;2L:+:47653613-47653660	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_32021	IEWYFNGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	42	0.000550907	2	1056.516	0.58	Visceras	2L:+:47647503-47647526;2L:+:47647503-47647526;2L:+:47647503-47647526	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_32098	ATNQVGEAVSTCNIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	107	3.62E-10	1	1619.782	0.54	Visceras	2L:+:47645223-47645267;2L:+:47645223-47645267;2L:+:47645223-47645267	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_32418	REEEDVAVTVPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	70	1.24E-06	1	1468.765	0.19	Visceras	2L:+:47644091-47644129;2L:+:47644091-47644129;2L:+:47644091-47644129	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_32761	GGIVLDSQLPEGMTASK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M13(Oxidation)	128	2.51E-12	2	1718.866	1.81	Head	2L:+:47650044-47650094;2L:+:47650044-47650094;2L:+:47650044-47650094	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_32971	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	33	0.006043 31	1	1630.884	2.52	Ovary	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_33073	TEYVDEIVNVKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	6.13E-07	2	1561.829	4.66	Malpighian tubule	2L:+:47642891-47642929;2L:+:47642891-47642929;2L:+:47642891-47642929	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_33105	GKVTLATQEER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	6.64E-06	1	1231.664	-0.53	Head	2L:+:47650113-47650145;2L:+:47650113-47650145;2L:+:47650113-47650145	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_33731	SETLMQMEATIK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M5(Oxidation)	40	0.001399 348	2	1397.667	1	Visceras	2L:+:47650488-47650523;2L:+:47650488-47650523;2L:+:47650488-47650523	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_33737	FAQGGNALFEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	3.14E-07	1	1238.617	0.51	Visceras	2L:+:47638667-47638702;2L:+:47638667-47638702;2L:+:47638667-47638702	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_34107	LSEGSDAVFSTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	99	1.70E-09	1	1268.613	1.32	Visceras	2L:+:47639189-47639224;2L:+:47639189-47639224;2L:+:47639189-47639224	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_34380	AMLSVQPRPPIEQQTQHPSSLDQIQHLEDYSK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M2(Oxidation), Q23(Deamidated),"M2(Oxidation), Q6(Deamidated)","M2(Oxidation), Q13(Deamidated)","M2(Oxidation), Q16(Deamidated)","M2(Oxidation), Q14(Deamidated)",M2(Oxidation),"M2(Oxidation), Q25(Deamidated)"	90	9.74E-09	1	3716.843	2.57	Head	2L:+:47640688-47640783;2L:+:47640688-47640783;2L:+:47640688-47640783	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_34522	ATNNLGEAVSTATLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	112	8.91E-11	1	1489.788	1.28	Head	2L:+:47646822-47646866;2L:+:47646822-47646866;2L:+:47646822-47646866	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_34561	FVSQIQSATIDEGETIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q4(Deamidated)	112	9.44E-11	1	1893.961	3.24	Head	2L:+:47650164-47650214;2L:+:47650164-47650214;2L:+:47650164-47650214	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_35123	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	99	1.44E-09	1	1630.881	0.35	Head	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_35588	GMANAYEQTLEETK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	109	1.46E-10	1	1584.723	0.95	Head	2L:+:47653283-47653311,47653396-47653408;2L:+:47653283-47653311,47653396-47653408;2L:+:47653283-47653311,47653396-47653408	exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PC
JHU_Ag_35796	YAGETDAQLITTVDR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	92	1.01E-08	2	1652.817	2.88	Pupa	2L:+:47639090-47639134;2L:+:47639090-47639134;2L:+:47639090-47639134	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_36229	TTQEQVEQVVQPQPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	62	9.34E-06	2	1766.904	0.7	Male reproductive organs	2L:+:47641615-47641659;2L:+:47641615-47641659;2L:+:47641615-47641659	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_36433	SIYSESQHEHALTSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	59	2.02E-05	1	1857.916	3.59	Malpighian tubule	2L:+:47643614-47643661;2L:+:47643614-47643661;2L:+:47643614-47643661	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_36858	GGVYLESLQPDSLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	90	1.69E-08	1	1604.832	2.81	Visceras	2L:+:47648403-47648447;2L:+:47648403-47648447;2L:+:47648403-47648447	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_37087	FYEETPESTQRPEFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	70	1.34E-06	1	1887.877	0.34	Male reproductive organs	2L:+:47641210-47641254;2L:+:47641210-47641254;2L:+:47641210-47641254	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_37138	IIPSADKYEVSYSNQQAMLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M18(Oxidation)	45	0.000573162	1	2329.150	0.3	Male reproductive organs	2L:+:47639276-47639335;2L:+:47639276-47639335;2L:+:47639276-47639335	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_37156	AAPHAPPKEEER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	2.72E-05	1	1331.672	1.48	Visceras	2L:+:47640313-47640348;2L:+:47640313-47640348;2L:+:47640313-47640348	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC

JHU_Ag_37272	GRVETDLEATLQEEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	2.51E-05	2	1717.859	-0.62	Male reproductive organs	2L:+:47653025-47653069;2L:+:47653025-47653069;2L:+:47653025-47653069	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_37482	LEAHSRPNRLELDEPEVTAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	55	3.41E-05	1	2429.251	-1.09	Visceras	2L:+:47645334-47645396;2L:+:47645334-47645396;2L:+:47645334-47645396	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_37711	AEDAGTYTVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	49	0.000161029	2	1082.513	1.31	Head	2L:+:47641027-47641056;2L:+:47641027-47641056;2L:+:47641027-47641056	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_37790	AQEGGHAHFECK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C11(Carbamidomethyl)	73	3.67E-07	1	1370.595	3.09	Midgut	2L:+:47642960-47642995;2L:+:47642960-47642995;2L:+:47642960-47642995	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_37975	ANLILDSQLPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	67	7.68E-07	1	1239.708	2.26	Head	2L:+:47648802-47648834;2L:+:47648802-47648834;2L:+:47648802-47648834	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_38023	YEWYVNGVELK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	74	6.12E-07	2	1399.693	2.86	Head	2L:+:47646291-47646323;2L:+:47646291-47646323;2L:+:47646291-47646323	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_38201	IEWFINGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	43	0.000752874	1	1006.537	1.17	Head	2L:+:47645094-47645117;2L:+:47645094-47645117;2L:+:47645094-47645117	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_39129	IEELEQYQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	51	0.000117958	2	1179.590	0.35	Male reproductive organs	2L:+:47641168-47641194;2L:+:47641168-47641194;2L:+:47641168-47641194	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_39205	LQEGQHVYLEAQVEPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	7.32E-07	1	1895.964	1.69	Head	2L:+:47646627-47646674;2L:+:47646627-47646674;2L:+:47646627-47646674	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_39507	SPISDQLNVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	76	2.74E-07	2	1128.602	0.92	Head	2L:+:47641255-47641284;2L:+:47641255-47641284;2L:+:47641255-47641284	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_39872	CSANLVVEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C1(Carbamidomethyl)	46	0.000441839	2	1175.583	-0.41	Head	2L:+:47653895-47653924;2L:+:47653895-47653924;2L:+:47653895-47653924	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC

JHU_Ag_39918	GAIISDTQHPEGLDKIK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	1.34E-05	1	1821.971	0.01	Visceras	2L:+:47645679-47645729;2L:+:47645679-47645729	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_39988	YAGETDAQLITTVDR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	100	1.64E-09	1	1652.815	1.18	Head	2L:+:47639090-47639134;2L:+:47639090-47639134	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_40327	VEWYHNEAPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	76	3.41E-07	1	1371.672	1.7	Visceras	2L:+:47643425-47643457;2L:+:47643425-47643457	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_40508	AVNALGEAVTSATCVVHTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C14(Carbamidomethyl)	164	5.32E-16	1	1956.006	4.71	Visceras	2L:+:47643554-47643610;2L:+:47643554-47643610	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_40554	IQDLEDSLRRPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	80	1.60E-07	1	2705.286	-0.64	Head	2L:+:47647743-47647817;2L:+:47647743-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_40960	GGVYLESLQPDSLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	61	1.40E-05	1	1604.835	4.64	Malpighian tubule	2L:+:47648403-47648447;2L:+:47648403-47648447	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_41007	YEWYVNGVELK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	65	4.21E-06	2	1399.692	1.99	Visceras	2L:+:47646291-47646323;2L:+:47646291-47646323	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_41024	ALSPSFMTLIQDAETTEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	54	5.51E-05	2	2054.994	-0.36	Male reproductive organs	2L:+:47639543-47639599;2L:+:47639543-47639599	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_41166	ASDAAWYQCTAQNVAGTTATR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	135	4.28E-13	1	2243.015	0.13	Visceras	2L:+:47640044-47640106;2L:+:47640044-47640106	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_41256	EEEDVAVTVPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	67	2.81E-06	2	1312.667	3.05	Midgut	2L:+:47644094-47644129;2L:+:47644094-47644129	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_41696	APVTGDLGIQEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	67	2.03E-06	2	1383.724	1.03	Ovary	2L:+:47641114-47641152;2L:+:47641114-47641152	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC

JHU_Ag_41789	EEEDVAVTVPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	43	0.000702054	2	1312.664	0.72	Visceras	2L:+:47644094-47644129;2L:+:47644094-47644129;2L:+:47644094-47644129	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_41911	ATNELGQAVTSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	115	5.50E-11	1	1289.668	-1.06	Visceras	2L:+:47643953-47643991;2L:+:47643953-47643991;2L:+:47643953-47643991	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_41942	FTTQLQSLEGLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	1.68E-05	1	1364.748	4.33	Pupa	2L:+:47648121-47648156;2L:+:47648121-47648156;2L:+:47648121-47648156	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_41957	AAPHAPPKEEER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	61	1.49E-05	1	1331.675	3.77	Malpighian tubule	2L:+:47640313-47640348;2L:+:47640313-47640348;2L:+:47640313-47640348	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_42001	SPISDQLNVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	65	3.44E-06	2	1128.605	3.74	Larva	2L:+:47641255-47641284;2L:+:47641255-47641284;2L:+:47641255-47641284	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_42120	APVTGDLGIQEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	4.30E-06	2	1383.724	1.12	Larva	2L:+:47641114-47641152;2L:+:47641114-47641152;2L:+:47641114-47641152	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_42392	GSQQILTNTQNEMGLEQIQYLEEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M13(Oxidation)	45	0.000380981	3	2810.352	0.34	Male reproductive organs	2L:+:47643206-47643277;2L:+:47643206-47643277;2L:+:47643206-47643277	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_42496	DNVDVAEGGPVHFDCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C15(Carbamidomethyl)	102	4.60E-10	1	1786.789	4.37	Midgut	2L:+:47649780-47649827;2L:+:47649780-47649827;2L:+:47649780-47649827	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_43003	FEVEFDGEPMPTVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M10(Oxidation)	66	3.18E-06	2	1624.760	1.93	Head	2L:+:47653703-47653744;2L:+:47653703-47653744;2L:+:47653703-47653744	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_43203	AVNLVGVDEIAVQLSCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C16(Carbamidomethyl)	57	1.98E-05	2	1842.983	4.83	Malpighian tubule	2L:+:47643155-47643205;2L:+:47643155-47643205;2L:+:47643155-47643205	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_43367	AYNQAGEAFTSSTVYCVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C16(Carbamidomethyl)	144	4.91E-14	1	2096.967	3.66	Visceras	2L:+:47647632-47647688;2L:+:47647632-47647688;2L:+:47647632-47647688	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_43630	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	61	9.29E-06	1	1630.881	0.57	Midgut	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_44748	ASLDLETQNESALEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	7.68E-06	2	1647.819	6.99	Malpighian tubule	2L:+:47644010-47644054;2L:+:47644010-47644054;2L:+:47644010-47644054	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_44884	SLHNVETFEGTNIHLECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	111	1.40E-10	1	2156.028	3.94	Malpighian tubule	2L:+:47642540-47642593;2L:+:47642540-47642593;2L:+:47642540-47642593	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_45512	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	2.31E-07	2	1630.882	1.17	Pupa	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_45580	IDWYHNGKPFATGSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	66	4.41E-06	1	1748.851	0.07	Head	2L:+:47649858-47649902;2L:+:47649858-47649902;2L:+:47649858-47649902	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_46044	VMWLINGHTVVNGQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M2(Oxidation),"M2(Oxidation), N6(Deamidated)"	45	0.000463031	2	1739.909	4.34	Visceras	2L:+:47651243-47651278,47651350-47651358;2L:+:47651243-47651278,47651350-47651358;2L:+:47651243-47651278,47651350-47651358	exon=> In CDS Exon 8 and 9 of transcript AGAP007563-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP007563-PB;exon=> In CDS Exon 8 and 9 of transcript AGAP007563-PC
JHU_Ag_46131	EPAFVSRPDSIEVEEGEWAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	44	0.000641231	1	2303.090	-1.52	Visceras	2L:+:47651147-47651206;2L:+:47651147-47651206;2L:+:47651147-47651206	exon=> In CDS Exon 8 of transcript AGAP007563-PA;exon=> In CDS Exon 8 of transcript AGAP007563-PB;exon=> In CDS Exon 8 of transcript AGAP007563-PC
JHU_Ag_46214	IKELESYQKPQTQEVEPAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	113	5.27E-11	1	2245.175	1.62	Visceras	2L:+:47644929-47644985;2L:+:47644929-47644985;2L:+:47644929-47644985	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_46659	LFVEAPKGPEPEQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	38	0.001772009	1	1568.837	3.26	Malpighian tubule	2L:+:47640113-47640154;2L:+:47640113-47640154;2L:+:47640113-47640154	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_47103	SIILESQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	66	2.02E-06	1	1127.668	0.49	Visceras	2L:+:47649219-47649248;2L:+:47649219-47649248;2L:+:47649219-47649248	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_47443	NAIGEAVTTCAVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	104	6.62E-10	1	1333.680	1.14	Visceras	2L:+:47644760-47644798;2L:+:47644760-47644798;2L:+:47644760-47644798	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_47970	IQDLEAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	44	0.000312673	2	941.508	3.1	Malpighian tubule	2L:+:47646924-47646947;2L:+:47646924-47646947;2L:+:47646924-47646947	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_47976	FIVPLSDVAQVEGGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	63	5.93E-06	1	1558.851	1.85	Malpighian tubule	2L:+:47640367-47640411;2L:+:47640367-47640411;2L:+:47640367-47640411	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_48128	LSSSTGVAESR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	69	1.84E-06	1	1093.544	-3.73	Head	2L:+:47640655-47640687;2L:+:47640655-47640687;2L:+:47640655-47640687	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_48162	IAELEGLGIPHGGLGSPDDDTGKPPEFITTPSDMTLTENSLAHFECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C46(Carbamidomethyl)	67	1.63E-06	1	5022.382	0.91	Visceras	2L:+:47649273-47649413;2L:+:47649273-47649413;2L:+:47649273-47649413	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_48338	IEVIAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.000777 78	2	700.434	-1.15	Visceras	2L:+:47651428-47651445;2L:+:47651428-47651445;2L:+:47651428-47651445	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_48352	KDLILESQYPAGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.000710 879	2	1703.931	5.48	Visceras	2L:+:47642810-47642854;2L:+:47642810-47642854;2L:+:47642810-47642854	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_48726	IDWYHNGKPFATGSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N6(Deamidated)	62	1.01E-05	2	1748.851	0.35	Visceras	2L:+:47649858-47649902;2L:+:47649858-47649902;2L:+:47649858-47649902	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_48912	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	67	2.24E-06	2	1630.889	5.51	Larva	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_49023	FTTQLQSLEGLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	56	2.37E-05	2	1364.747	3.97	Larva	2L:+:47648121-47648156;2L:+:47648121-47648156;2L:+:47648121-47648156	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_49551	ALGPATAPQIGQKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	121	3.66E-12	1	1504.858	-1.04	Visceras	2L:+:47639135-47639179;2L:+:47639135-47639179;2L:+:47639135-47639179	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC

JHU_Ag_49890	DVLEDITVMSPPQFAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M9(Oxidation)	41	0.001328001	2	1833.906	0.58	Male reproductive organs	2L:+:47642492-47642539;2L:+:47642492-47642539;2L:+:47642492-47642539	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_50021	ATNQLGSAHTSACVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C13(Carbamidomethyl)	136	3.98E-13	1	1572.759	2.82	Head	2L:+:47642354-47642398;2L:+:47642354-47642398;2L:+:47642354-47642398	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_50166	AYNQAGEAFTSSTVYCVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C16(Carbamidomethyl)	80	1.17E-07	2	2096.954	-2.62	Male reproductive organs	2L:+:47647632-47647688;2L:+:47647632-47647688;2L:+:47647632-47647688	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_50585	FYEETPESTQRPEFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	111	8.82E-11	1	1887.876	-0.05	Head	2L:+:47641210-47641254;2L:+:47641210-47641254;2L:+:47641210-47641254	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_50786	VAENQAVHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	92	7.62E-09	1	1370.682	0.71	Visceras	2L:+:47643758-47643793;2L:+:47643758-47643793;2L:+:47643758-47643793	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_50876	LQYLEDISR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	54	6.34E-05	2	1136.595	0	Male reproductive organs	2L:+:47642855-47642881;2L:+:47642855-47642881;2L:+:47642855-47642881	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_50900	SDYLDEMTTQAPTFTTSLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	57	2.57E-05	2	2164.996	0.28	Male reproductive organs	2L:+:47643293-47643349;2L:+:47643293-47643349;2L:+:47643293-47643349	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_51296	EELMADEEEGRPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M4(Oxidation)	40	0.001092612	2	1645.736	-1.05	Male reproductive organs	2L:+:47649720-47649761;2L:+:47649720-47649761;2L:+:47649720-47649761	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_51892	SLHNVETFEGTNIHLECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	81	1.55E-07	1	2156.024	2.16	Visceras	2L:+:47642540-47642593;2L:+:47642540-47642593;2L:+:47642540-47642593	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_52093	DGHPVEASSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	67	2.38E-06	1	1054.492	0.23	Midgut	2L:+:47641360-47641389;2L:+:47641360-47641389;2L:+:47641360-47641389	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_52129	ATNEYGEAVTTSTMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	49	0.000107468	2	1646.733	0.3	Malpighian tubule	2L:+:47649159-47649203;2L:+:47649159-47649203;2L:+:47649159-47649203	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_52256	SKPIFTQPLSDPQPVGEGR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	53	5.18E-05	1	2053.069	-1.1	Midgut	2L:+:47642117-47642173;2L:+:47642117-47642173;2L:+:47642117-47642173	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_52358	ATNELGQAVTSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	78	2.54E-07	1	1289.669	-0.21	Head	2L:+:47643953-47643991;2L:+:47643953-47643991;2L:+:47643953-47643991	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_52510	NSLGEAVTSCSVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N1(Deamidated),C10(Carbamidomethyl),C10(Carbamidomethyl)	118	2.75E-11	1	1379.660	1.3	Visceras	2L:+:47642759-47642797;2L:+:47642759-47642797;2L:+:47642759-47642797	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_52565	IKELESYQKPQTQEVEPAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	109	1.23E-10	1	2245.176	1.95	Head	2L:+:47644929-47644985;2L:+:47644929-47644985;2L:+:47644929-47644985	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_54097	HQFAIPGEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.000869503	1	1026.534	-2.27	Head	2L:+:47653232-47653258;2L:+:47653232-47653258;2L:+:47653232-47653258	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_54265	AYNQAGEAFTSSTVYCVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C16(Carbamidomethyl)	113	6.21E-11	1	2096.960	0.17	Head	2L:+:47647632-47647688;2L:+:47647632-47647688;2L:+:47647632-47647688	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_54771	KLPSIVLQNQIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	54	3.29E-06	1	1477.909	-0.75	Male reproductive organs	2L:+:47650437-47650475;2L:+:47650437-47650475;2L:+:47650437-47650475	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_55207	VVEGPVQPTKPPVFTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	105	9.54E-11	1	1750.987	1	Malpighian tubule	2L:+:47653613-47653660;2L:+:47653613-47653660;2L:+:47653613-47653660	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_55211	FVSQIQSATIDEGETIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	120	1.31E-11	1	1893.957	0.66	Visceras	2L:+:47650164-47650214;2L:+:47650164-47650214;2L:+:47650164-47650214	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_55252	TEQQSVQQQSHQVMQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	113	7.46E-11	1	2069.983	2.12	Visceras	2L:+:47633046-47633096;2L:+:47633046-47633096;2L:+:47633046-47633096	exon=> In CDS Exon 1 of transcript AGAP007563-PA;exon=> In CDS Exon 1 of transcript AGAP007563-PB;exon=> In CDS Exon 1 of transcript AGAP007563-PC
JHU_Ag_55397	APVTGDLGIQEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	85	3.01E-08	2	1383.726	2.53	Malpighian tubule	2L:+:47641114-47641152;2L:+:47641114-47641152;2L:+:47641114-47641152	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC

JHU_Ag_55419	LNEAEALHLEGQVEPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	120	1.49E-11	1	1776.911	-1.15	Midgut	2L:+:47647437-47647484;2L:+:47647437-47647484	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_55707	EVYDDKEIIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	7.06E-06	1	1279.653	0.45	Head	2L:+:47653526-47653555;2L:+:47653526-47653555	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_56317	KEPAFVSRPDSIEVEEGEWAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	139	1.71E-13	1	2431.195	2.6	Head	2L:+:47651144-47651206;2L:+:47651144-47651206	exon=> In CDS Exon 8 of transcript AGAP007563-PA;exon=> In CDS Exon 8 of transcript AGAP007563-PB;exon=> In CDS Exon 8 of transcript AGAP007563-PC
JHU_Ag_56720	LTYDGMYHFDIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	53	5.91E-05	1	1599.749	-1.71	Visceras	2L:+:47651365-47651403;2L:+:47651365-47651403	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_56739	LHGPTNLVEGQSAHYECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	67	3.52E-06	1	2067.977	5.06	Malpighian tubule	2L:+:47644142-47644195;2L:+:47644142-47644195	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_56984	VVEGPVQPTKPPVFTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	43	0.000183434	1	1750.986	0.26	Ovary	2L:+:47653613-47653660;2L:+:47653613-47653660	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_57246	SIYSESQHEHALTSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	43	0.000745028	1	1857.920	5.96	Ovary	2L:+:47643614-47643661;2L:+:47643614-47643661	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_57257	APVTGDLGIQEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	100	1.10E-09	2	1383.724	0.59	Male reproductive organs	2L:+:47641114-47641152;2L:+:47641114-47641152	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_57931	SVLIIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	34	0.001172859	2	700.473	1.37	Visceras	2L:+:47653811-47653828;2L:+:47653811-47653828	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_57976	DGQSAHFECTLVPVNDPDLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	62	8.49E-06	1	2242.046	0.72	Visceras	2L:+:47648157-47648216;2L:+:47648157-47648216	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_58245	TEYVDEIVNVKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	93	7.77E-09	1	1561.823	0.29	Visceras	2L:+:47642891-47642929;2L:+:47642891-47642929	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_58351	LIPVGDPNLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	39	0.000454761	2	1093.637	0.26	Visceras	2L:+:47645865-47645894;2L:+:47645865-47645894;2L:+:47645865-47645894	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_58423	LNEAEALHLEGQVEPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	72	9.79E-07	1	1776.914	0.5	Male reproductive organs	2L:+:47647437-47647484;2L:+:47647437-47647484;2L:+:47647437-47647484	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_58475	KLPSIVLQNQIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	37	0.000157431	3	1477.909	-0.75	Head	2L:+:47650437-47650475;2L:+:47650437-47650475;2L:+:47650437-47650475	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_58749	ATSFSEQQQHQQFQQHQVIETSTEATK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	163	7.58E-16	1	3146.475	-0.83	Visceras	2L:+:47639462-47639542;2L:+:47639462-47639542;2L:+:47639462-47639542	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_58874	IQDLEDSLRRPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	87	3.48E-08	1	2705.290	0.8	Ovary	2L:+:47647743-47647817;2L:+:47647743-47647817;2L:+:47647743-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_58977	VTGKPTPTAQWFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	62	8.04E-06	1	1460.787	-1.9	Pupa	2L:+:47654351-47654389;2L:+:47654351-47654389;2L:+:47654351-47654389	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_59208	KLPSIVLQNQIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q8(Deamidated), N9(Deamidated)	23	0.007908448	1	1479.872	-3.93	Ovary	2L:+:47650437-47650475;2L:+:47650437-47650475;2L:+:47650437-47650475	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_59296	FIVPLSDVAQVEGGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	113	5.81E-11	1	1558.851	2.32	Head	2L:+:47640367-47640411;2L:+:47640367-47640411;2L:+:47640367-47640411	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_59334	ASIQMDSQHPEGMK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M5(Oxidation), M13(Oxidation)	51	6.54E-05	2	1590.693	2.47	Head	2L:+:47646081-47646122;2L:+:47646081-47646122;2L:+:47646081-47646122	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_59424	GGVIPPSFVSTISDTTVTAGQLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	45	0.000275034	2	2374.263	0.68	Pupa	2L:+:47653940-47654011;2L:+:47653940-47654011;2L:+:47653940-47654011	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_59433	LPSIVLQNQIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	3.30E-08	2	1349.818	1.76	Head	2L:+:47650440-47650475;2L:+:47650440-47650475;2L:+:47650440-47650475	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_59710	VIQPEAVPEPEIIYLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	79	6.13E-08	1	1866.041	2.02	Head	2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300	exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PC
JHU_Ag_60078	RPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	39	0.001507364	3	1635.748	0.31	Visceras	2L:+:47647770-47647817;2L:+:47647770-47647817;2L:+:47647770-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_60113	EEEDVAVTVPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	50	0.000148543	2	1312.667	3.14	Head	2L:+:47644094-47644129;2L:+:47644094-47644129;2L:+:47644094-47644129	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_60131	QRPVFTQPLQNIDYVAEGQTAHFECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C25(Carbamidomethyl)	133	6.44E-13	1	3104.507	1.9	Malpighian tubule	2L:+:47645787-47645864;2L:+:47645787-47645864;2L:+:47645787-47645864	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_60249	LIPEPTETSVQGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	50	7.83E-05	1	1398.749	0.91	Head	2L:+:47653451-47653489;2L:+:47653451-47653489;2L:+:47653451-47653489	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_60320	DVPEDQFESPVFVDHLNNVEIK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	94	6.22E-09	1	2570.247	2.17	Head	2L:+:47646960-47647025;2L:+:47646960-47647025;2L:+:47646960-47647025	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_60724	AGEAVSSTTMK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	78	1.95E-07	2	1081.520	0.22	Head	2L:+:47646432-47646464;2L:+:47646432-47646464;2L:+:47646432-47646464	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_60731	FTTVNVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	32	0.003519071	1	808.456	0.06	Visceras	2L:+:47639867-47639887;2L:+:47639867-47639887;2L:+:47639867-47639887	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_61193	LSEMKDCLVEEGSPAQFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M4(Oxidation), C7(Carbamidomethyl)	48	0.000222189	1	2083.970	0.99	Male reproductive organs	2L:+:47654585-47654638;2L:+:47654585-47654638;2L:+:47654585-47654638	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_61441	FECQLAPVGDPDMK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C3(Carbamidomethyl),"C3 (Carbamidomethyl), M13(Oxidation)"	60	1.05E-05	2	1606.722	-1.47	Visceras	2L:+:47650647-47650688;2L:+:47650647-47650688;2L:+:47650647-47650688	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_61632	TTIVGKPTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	37	0.000853518	1	944.577	-0.12	Head	2L:+:47654639-47654665;2L:+:47654639-47654665;2L:+:47654639-47654665	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_61655	TESIEEVVNQRPGFTRPLQDLGELEEGR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	84	4.01E-08	1	3198.616	4.26	Visceras	2L:+:47640793-47640876;2L:+:47640793-47640876;2L:+:47640793-47640876	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_61863	AQEGGHAHFECK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C11(Carbamidomethyl)	73	3.46E-07	1	1370.591	0.5	Visceras	2L:+:47642960-47642995;2L:+:47642960-47642995;2L:+:47642960-47642995	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_61910	ESENVELIDAPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	80	1.39E-07	2	1343.672	2.01	Head	2L:+:47653409-47653444;2L:+:47653409-47653444;2L:+:47653409-47653444	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_62038	ATNHLGSETSSIALNVTPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	139	1.58E-13	1	1940.005	-1.74	Visceras	2L:+:47644355-47644411;2L:+:47644355-47644411;2L:+:47644355-47644411	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_62211	FVTELR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.000862911	2	764.429	-1.26	Visceras	2L:+:47645397-47645414;2L:+:47645397-47645414;2L:+:47645397-47645414	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_62359	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	87	2.40E-08	2	1630.881	0.57	Male reproductive organs	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_62444	FIVPLSDVAQVEGGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	65	3.92E-06	2	1558.848	0.44	Male reproductive organs	2L:+:47640367-47640411;2L:+:47640367-47640411;2L:+:47640367-47640411	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_62699	RSIILESQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	51	3.19E-05	1	1283.769	0.39	Visceras	2L:+:47649216-47649248;2L:+:47649216-47649248;2L:+:47649216-47649248	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_62809	REEEDVAVTVPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.001154257	1	1468.768	2.37	Head	2L:+:47644091-47644129;2L:+:47644091-47644129;2L:+:47644091-47644129	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_63358	KEPAFVSRPDSIEVEEGEWAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	45	0.000466969	1	2431.189	0.06	Male reproductive organs	2L:+:47651144-47651206;2L:+:47651144-47651206;2L:+:47651144-47651206	exon=> In CDS Exon 8 of transcript AGAP007563-PA;exon=> In CDS Exon 8 of transcript AGAP007563-PB;exon=> In CDS Exon 8 of transcript AGAP007563-PC

JHU_Ag_63425	VAENQAVHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	63	6.48E-06	1	1370.684	2.19	Malpighian tubule	2L:+:47643758-47643793;2L:+:47643758-47643793;2L:+:47643758-47643793	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_63472	ATNHLGSETSSIALNVTPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	137	2.62E-13	1	1940.012	1.72	Head	2L:+:47644355-47644411;2L:+:47644355-47644411;2L:+:47644355-47644411	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_63564	LTVLTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	31	0.002373548	2	702.451	-0.13	Visceras	2L:+:47641513-47641530;2L:+:47641513-47641530;2L:+:47641513-47641530	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_64195	VTGKPTPTAQWFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	44	0.000446026	1	1460.787	-1.73	Visceras	2L:+:47654351-47654389;2L:+:47654351-47654389;2L:+:47654351-47654389	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_64424	ANLILDSQLPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	2.53E-07	2	1239.705	-0.1	Male reproductive organs	2L:+:47648802-47648834;2L:+:47648802-47648834;2L:+:47648802-47648834	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_64700	LELDEPEVTAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	6.88E-07	2	1368.700	-0.36	Head	2L:+:47645361-47645396;2L:+:47645361-47645396;2L:+:47645361-47645396	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_65198	LSEGSDAVFSTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	79	1.66E-07	1	1268.616	3.34	Malpighian tubule	2L:+:47639189-47639224;2L:+:47639189-47639224;2L:+:47639189-47639224	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_65290	ASDAAWYQCTAQNVAGTTATR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	82	8.66E-08	2	2243.021	2.63	Head	2L:+:47640044-47640106;2L:+:47640044-47640106;2L:+:47640044-47640106	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_65483	LKGNPRPEVSWTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	33	0.003893194	1	1539.840	0.49	Visceras	2L:+:47638703-47638741;2L:+:47638703-47638741;2L:+:47638703-47638741	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_65577	LSEGSDAVFSTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	96	3.83E-09	2	1268.612	0.07	Male reproductive organs	2L:+:47639189-47639224;2L:+:47639189-47639224;2L:+:47639189-47639224	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_65757	VEWYHNEAPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	2.98E-07	1	1371.672	1.79	Head	2L:+:47643425-47643457;2L:+:47643425-47643457;2L:+:47643425-47643457	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_65910	IKELESYQKPQTQEVEPAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	115	3.22E-11	1	2245.173	0.97	Male reproductive organs	2L:+:47644929-47644985;2L:+:47644929-47644985;2L:+:47644929-47644985	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_65957	LAELETEQLTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	91	1.45E-08	1	1274.683	-0.48	Visceras	2L:+:47653175-47653207;2L:+:47653175-47653207;2L:+:47653175-47653207	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_65997	FVVQIK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.000106937	2	733.460	-1.22	Visceras	2L:+:47650593-47650610;2L:+:47650593-47650610;2L:+:47650593-47650610	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_67076	SPISDQLNVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	43	0.000502714	2	1128.601	0.6	Ovary	2L:+:47641255-47641284;2L:+:47641255-47641284;2L:+:47641255-47641284	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_67180	KGEDEMYVAEKPAFGRPLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M6(Oxidation)	36	0.003604689	1	2181.099	-1.01	Male reproductive organs	2L:+:47644493-47644549;2L:+:47644493-47644549;2L:+:47644493-47644549	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_67423	APVTGDLGIQEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	101	8.48E-10	1	1383.724	0.94	Visceras	2L:+:47641114-47641152;2L:+:47641114-47641152;2L:+:47641114-47641152	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_67461	APVFTTPLSNIDSLREGESAHFEAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	65	4.22E-06	1	2716.371	4.95	Malpighian tubule	2L:+:47648925-47648999;2L:+:47648925-47648999;2L:+:47648925-47648999	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_67798	ASLDLETQNESALEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	102	9.78E-10	2	1647.808	0.32	Male reproductive organs	2L:+:47644010-47644054;2L:+:47644010-47644054;2L:+:47644010-47644054	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_67940	IQTLEDSLIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	66	2.83E-06	2	1187.663	0.15	Visceras	2L:+:47648859-47648888;2L:+:47648859-47648888;2L:+:47648859-47648888	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_68045	KSIYSESQHEHALTSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	98	2.24E-09	1	1986.004	-0.09	Visceras	2L:+:47643611-47643661;2L:+:47643611-47643661;2L:+:47643611-47643661	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_68747	ATNEYGEAVTTSTMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	84	4.80E-08	2	1630.740	1.3	Head	2L:+:47649159-47649203;2L:+:47649159-47649203;2L:+:47649159-47649203	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_68882	FIVPLSDVAQVEGGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	74	5.36E-07	2	1558.849	1.07	Midgut	2L:+:47640367-47640411;2L:+:47640367-47640411;2L:+:47640367-47640411	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_68990	LELDEPEVTAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	52	8.62E-05	2	1368.701	0.36	Male reproductive organs	2L:+:47645361-47645396;2L:+:47645361-47645396;2L:+:47645361-47645396	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_69191	GRVETDLEATLQEEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	60	1.67E-05	2	1717.867	4.14	Visceras	2L:+:47653025-47653069;2L:+:47653025-47653069;2L:+:47653025-47653069	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_69251	SKPIFTQPLSDPQPVGEGR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	104	3.79E-10	1	2053.075	1.76	Head	2L:+:47642117-47642173;2L:+:47642117-47642173;2L:+:47642117-47642173	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_69685	EGESAHFEAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	47	0.000147859	2	1104.491	-4.23	Head	2L:+:47648970-47648999;2L:+:47648970-47648999;2L:+:47648970-47648999	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_69858	LSEGSDAVFSTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	85	4.62E-08	2	1268.613	0.64	Pupa	2L:+:47639189-47639224;2L:+:47639189-47639224;2L:+:47639189-47639224	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_69941	TTQEQVEQVVQPQPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	98	2.36E-09	2	1766.903	0.08	Visceras	2L:+:47641615-47641659;2L:+:47641615-47641659;2L:+:47641615-47641659	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_69961	VAENQAVHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	96	2.77E-09	1	1370.679	-1.43	Head	2L:+:47643758-47643793;2L:+:47643758-47643793;2L:+:47643758-47643793	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_69986	FIVPLSDVAQVEGGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	39	0.001519085	2	1558.854	3.97	Larva	2L:+:47640367-47640411;2L:+:47640367-47640411;2L:+:47640367-47640411	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_70235	NIIFDSQHPDGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	88	2.31E-08	1	1612.799	1.69	Head	2L:+:47645283-47645324;2L:+:47645283-47645324;2L:+:47645283-47645324	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_70534	ETQHEGALEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	57	1.81E-05	1	1141.543	-4.54	Head	2L:+:47644427-47644456;2L:+:47644427-47644456;2L:+:47644427-47644456	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_71312	AINPLGEAVTTASMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	103	8.32E-10	2	1530.797	1.48	Visceras	2L:+:47646024-47646068;2L:+:47646024-47646068;2L:+:47646024-47646068	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_71804	ILVNEAGNHSLMITSTNR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M12(Oxidation)	121	1.11E-11	1	1986.011	1.84	Head	2L:+:47639696-47639749;2L:+:47639696-47639749;2L:+:47639696-47639749	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_72179	CASTTTMYLDTQHPQGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C1(Carbamidomethyl), M7(Oxidation),C1(Carbamidomethyl)	89	1.11E-08	1	1954.861	-1.2	Visceras	2L:+:47647260-47647310;2L:+:47647260-47647310;2L:+:47647260-47647310	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_72205	VQWFLNGNLIQASSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N6(Deamidated)	115	3.84E-11	1	1732.916	1.7	Visceras	2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570	exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PC
JHU_Ag_72435	VTLATQEER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	57	3.72E-05	1	1046.548	0.06	Head	2L:+:47650119-47650145;2L:+:47650119-47650145;2L:+:47650119-47650145	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_72663	ANLILDSQLPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N2(Deamidated)	87	8.50E-09	1	1239.706	0.39	Visceras	2L:+:47648802-47648834;2L:+:47648802-47648834;2L:+:47648802-47648834	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_73475	DVLEDITVMSPPQFAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M9(Oxidation)	105	5.56E-10	2	1833.909	2.05	Head	2L:+:47642492-47642539;2L:+:47642492-47642539;2L:+:47642492-47642539	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_73632	EMEALWNLNIPEVIDETQKPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	70	1.17E-06	1	2497.269	1.64	Visceras	2L:+:47651008-47651033,47651107-47651143;2L:+:47651008-47651033,47651107-47651143;2L:+:47651008-47651033,47651107-47651143	exon=> In CDS Exon 7 and 8 of transcript AGAP007563-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP007563-PB;exon=> In CDS Exon 7 and 8 of transcript AGAP007563-PC

JHU_Ag_73761	NIIFDSQHPDGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	93	8.84E-09	1	1612.799	1.39	Visceras	2L:+:47645283-47645324;2L:+:47645283-47645324;2L:+:47645283-47645324	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_74023	TTQEQVEQVVQPQPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	84	4.71E-08	1	1766.913	5.47	Malpighian tubule	2L:+:47641615-47641659;2L:+:47641615-47641659;2L:+:47641615-47641659	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_74404	REELMADEEEGRPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M5(Oxidation)	47	0.000230946	1	1801.838	-0.53	Head	2L:+:47649717-47649761;2L:+:47649717-47649761;2L:+:47649717-47649761	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_74449	NYIQKIEELEQYQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	46	0.000302688	1	1825.939	3.04	Head	2L:+:47641153-47641194;2L:+:47641153-47641194;2L:+:47641153-47641194	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_74664	SDYLDEMTTQAPTFTTSLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	95	3.85E-09	2	2164.997	0.84	Visceras	2L:+:47643293-47643349;2L:+:47643293-47643349;2L:+:47643293-47643349	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_74671	FVSQIQSATIDEGETIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	85	4.41E-08	2	1893.952	-1.98	Male reproductive organs	2L:+:47650164-47650214;2L:+:47650164-47650214;2L:+:47650164-47650214	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_74722	KLPSIVLQNQIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	46	1.85E-05	1	1477.910	-0.26	Visceras	2L:+:47650437-47650475;2L:+:47650437-47650475;2L:+:47650437-47650475	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_75190	IRELESQSGAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	62	9.59E-06	2	1217.645	-3.02	Head	2L:+:47648448-47648480;2L:+:47648448-47648480;2L:+:47648448-47648480	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_75335	QGIIMEPQLPSNFR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M5(Oxidation)	80	1.75E-07	1	1645.840	1.92	Visceras	2L:+:47649630-47649671;2L:+:47649630-47649671;2L:+:47649630-47649671	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_75545	VAENQAVHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	33	0.006455205	3	1370.677	-2.75	Midgut	2L:+:47643758-47643793;2L:+:47643758-47643793;2L:+:47643758-47643793	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_75699	GMANAYEQTLEETKESENVELIDAPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M2(Oxidation)	126	3.06E-12	1	2925.368	0.37	Male reproductive organs	2L:+:47653283-47653311,47653396-47653444;2L:+:47653283-47653311,47653396-47653444;2L:+:47653283-47653311,47653396-47653444	exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PC
JHU_Ag_75756	ALGPATAPQIGQKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	91	2.97E-09	1	1504.861	0.75	Head	2L:+:47639135-47639179;2L:+:47639135-47639179;2L:+:47639135-47639179	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_75890	SDIITEAQSEMSVEQMQYLEDASR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M11(Oxidation), M16(Oxidation)	68	1.06E-06	3	2792.221	-1.06	Visceras	2L:+:47642411-47642482;2L:+:47642411-47642482;2L:+:47642411-47642482	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_76135	VPDMFVDTTPQQAPVFTTHLESHDK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q11(Deamidated),Q12(Deamidated),"M4(Oxidation),Q11(Deamidated)",M4(Oxidation)	149	1.74E-14	1	2856.344	-2.57	Head	2L:+:47646552-47646626;2L:+:47646552-47646626;2L:+:47646552-47646626	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_76474	ALGPATAPQIGQKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	116	1.06E-11	1	1504.861	0.99	Pupa	2L:+:47639135-47639179;2L:+:47639135-47639179;2L:+:47639135-47639179	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_76746	DQTNLVEMQATK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	81	1.33E-07	2	1377.667	-0.73	Visceras	2L:+:47650611-47650646;2L:+:47650611-47650646;2L:+:47650611-47650646	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_76789	LVEGQSAHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q5(Deamidated)	89	1.68E-08	1	1343.673	1.66	Visceras	2L:+:47648550-47648585;2L:+:47648550-47648585;2L:+:47648550-47648585	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_76890	AMLSVQPRPPIEQQTQHPSSLDQIQHLEDYSK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M2(Oxidation)	36	0.002988231	1	3716.834	-0.05	Male reproductive organs	2L:+:47640688-47640783;2L:+:47640688-47640783;2L:+:47640688-47640783	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_76904	IIALEQPHQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	3.94E-06	1	1332.739	0.29	Male reproductive organs	2L:+:47646126-47646158;2L:+:47646126-47646158;2L:+:47646126-47646158	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_77415	YVNPEDSGTYTCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	71	3.93E-07	2	1561.659	0.28	Visceras	2L:+:47643914-47643952;2L:+:47643914-47643952;2L:+:47643914-47643952	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_77653	QTAAGSPVGEAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	2.28E-07	2	1240.630	1.86	Head	2L:+:47648481-47648519;2L:+:47648481-47648519;2L:+:47648481-47648519	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_78321	VEWFHNGQPLTTGHR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	63	9.14E-06	1	1778.872	-0.11	Visceras	2L:+:47644226-47644270;2L:+:47644226-47644270;2L:+:47644226-47644270	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_78322	LTVLTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	30	0.002725198	2	702.454	4.65	Head	2L:+:47641513-47641530;2L:+:47641513-47641530;2L:+:47641513-47641530	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_78339	KVVQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	39	0.000799418	1	601.403	0.2	Male reproductive organs	2L:+:47653082-47653096;2L:+:47653082-47653096;2L:+:47653082-47653096	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_78401	IIPSADKYEVSYSNQQAMLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M18(Oxidation)	72	1.14E-06	1	2329.153	1.4	Pupa	2L:+:47639276-47639335;2L:+:47639276-47639335;2L:+:47639276-47639335	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_78576	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	86	2.97E-08	1	1630.885	3.19	Visceras	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_78815	ESENVELIDAPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	48	0.000199833	2	1343.670	0.56	Male reproductive organs	2L:+:47653409-47653444;2L:+:47653409-47653444;2L:+:47653409-47653444	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_79228	IQTLEDSLIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	55	3.78E-05	2	1187.668	3.95	Malpighian tubule	2L:+:47648859-47648888;2L:+:47648859-47648888;2L:+:47648859-47648888	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_79806	IRELESQSGAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	74	5.88E-07	2	1217.653	3.29	Malpighian tubule	2L:+:47648448-47648480;2L:+:47648448-47648480;2L:+:47648448-47648480	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_79997	DNVDVAEGGPVHFDCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C15(Carbamidomethyl)	106	1.92E-10	1	1786.787	3.01	Malpighian tubule	2L:+:47649780-47649827;2L:+:47649780-47649827;2L:+:47649780-47649827	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_80394	VAENQAVHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	87	2.72E-08	1	1370.682	0.36	Male reproductive organs	2L:+:47643758-47643793;2L:+:47643758-47643793;2L:+:47643758-47643793	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_80431	SIILESQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	54	2.10E-05	2	1127.671	3.73	Malpighian tubule	2L:+:47649219-47649248;2L:+:47649219-47649248;2L:+:47649219-47649248	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_80570	SIYSESQHEHALTSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	108	2.82E-10	1	1857.908	-0.8	Visceras	2L:+:47643614-47643661;2L:+:47643614-47643661;2L:+:47643614-47643661	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_80655	QKPVFLTPLTSLENLKEGDYAHLECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C25(Carbamidomethyl),"Q1(Deamidated),C25(Carbamidomethyl)"	114	3.39E-11	1	3059.575	8.03	Visceras	2L:+:47644986-47645063;2L:+:47644986-47645063;2L:+:47644986-47645063	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_80944	ILVNEAGNHSLMITSTNR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M12(Oxidation)	44	0.000678063	2	1985.999	-4.25	Visceras	2L:+:47639696-47639749;2L:+:47639696-47639749;2L:+:47639696-47639749	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_80984	YECVAINGAGEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C3(Carbamidomethyl)	96	2.70E-09	2	1409.647	-0.59	Visceras	2L:+:47654165-47654203;2L:+:47654165-47654203;2L:+:47654165-47654203	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_81092	NGMPITVGHR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N1(Deamidated),M3(Oxidation)	44	0.000425207	2	1098.535	-0.83	Male reproductive organs	2L:+:47643041-47643070;2L:+:47643041-47643070;2L:+:47643041-47643070	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_81164	DQTNLVEMQATK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M8(Oxidation)	53	7.67E-05	2	1393.664	1.18	Male reproductive organs	2L:+:47650611-47650646;2L:+:47650611-47650646;2L:+:47650611-47650646	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_81731	TEYVDEIVNVKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	82	8.97E-08	2	1561.823	0.68	Male reproductive organs	2L:+:47642891-47642929;2L:+:47642891-47642929;2L:+:47642891-47642929	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_81768	SSVGEAVASCELK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	86	3.83E-08	2	1336.643	0.84	Head	2L:+:47651446-47651484;2L:+:47651446-47651484;2L:+:47651446-47651484	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_81791	GTTEIHEGQTAHFEAQVEPIHDPNLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	132	7.40E-13	1	2926.410	0.81	Head	2L:+:47645415-47645492;2L:+:47645415-47645492;2L:+:47645415-47645492	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_81870	FYEETPESTQRPEFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	112	8.03E-11	1	1887.875	-0.76	Visceras	2L:+:47641210-47641254;2L:+:47641210-47641254;2L:+:47641210-47641254	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC

JHU_Ag_82192	IEWFINGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N6(Deamidated)	42	0.001037787	2	1006.535	-0.42	Visceras	2L:+:47645094-47645117;2L:+:47645094-47645117;2L:+:47645094-47645117	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_82765	ITATETTEMEHK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M9(Oxidation)	69	1.71E-06	1	1390.654	1.38	Head	2L:+:47653559-47653594;2L:+:47653559-47653594;2L:+:47653559-47653594	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_82766	QTAAGSPVGEAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	81	8.87E-08	2	1240.631	2.65	Malpighian tubule	2L:+:47648481-47648519;2L:+:47648481-47648519;2L:+:47648481-47648519	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_83049	AQEGGHAHFECK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C11(Carbamidomethyl)	70	5.15E-07	1	1370.585	-3.86	Head	2L:+:47642960-47642995;2L:+:47642960-47642995;2L:+:47642960-47642995	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_83636	NAIGEAVTTCAVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	58	3.01E-05	2	1333.682	3.06	Malpighian tubule	2L:+:47644760-47644798;2L:+:47644760-47644798;2L:+:47644760-47644798	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_83649	SSVGEAVASCELK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	84	7.05E-08	2	1336.640	-0.71	Visceras	2L:+:47651446-47651484;2L:+:47651446-47651484;2L:+:47651446-47651484	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_83653	VTGTKPLDVYWLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	37	0.001286001	1	1519.852	0.09	Pupa	2L:+:47654024-47654062;2L:+:47654024-47654062;2L:+:47654024-47654062	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_83854	AGLEAVQDTEAALANR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N15(Deamidated),Q7(Deamidated)	81	1.22E-07	1	1628.827	1.93	Visceras	2L:+:47647311-47647358;2L:+:47647311-47647358;2L:+:47647311-47647358	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_83865	SKPIFTQPLSDPQPVGEGR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	58	1.59E-05	1	2053.081	4.88	Malpighian tubule	2L:+:47642117-47642173;2L:+:47642117-47642173;2L:+:47642117-47642173	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_84298	TEQQSVQQQSHQVMQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	105	3.81E-10	1	2085.969	-1.83	Head	2L:+:47633046-47633096;2L:+:47633046-47633096;2L:+:47633046-47633096	exon=> In CDS Exon 1 of transcript AGAP007563-PA;exon=> In CDS Exon 1 of transcript AGAP007563-PB;exon=> In CDS Exon 1 of transcript AGAP007563-PC
JHU_Ag_84382	HGEATVSCK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C8(Carbamidomethyl)	61	3.90E-06	2	988.446	-5.85	Head	2L:+:47649585-47649611;2L:+:47649585-47649611;2L:+:47649585-47649611	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_84414	LIPVSDPTLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	54	1.62E-05	1	1110.652	0.54	Visceras	2L:+:47643395-47643424;2L:+:47643395-47643424;2L:+:47643395-47643424	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_84468	APVFTTPLSNIDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	51	9.40E-05	1	1630.883	1.85	Malpighian tubule	2L:+:47648925-47648969;2L:+:47648925-47648969;2L:+:47648925-47648969	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_84502	ALSPSFMTLIQDAETTEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	141	1.41E-13	1	2039.002	1.1	Pupa	2L:+:47639543-47639599;2L:+:47639543-47639599;2L:+:47639543-47639599	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_85525	QQQQQYTNGYSHVEEEFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N8(Deamidated)	45	0.000308 62	1	2243.990	2.78	Head	2L:+:47638973-47639026;2L:+:47638973-47639026;2L:+:47638973-47639026	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_85792	DCLVEEGSPAQFK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C2(Carbamidomethyl)	96	3.06E-09	1	1479.681	1.75	Head	2L:+:47654600-47654638;2L:+:47654600-47654638;2L:+:47654600-47654638	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_85829	LEPVTDPNLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	59	1.13E-05	1	1125.615	-0.03	Visceras	2L:+:47642996-47643025;2L:+:47642996-47643025;2L:+:47642996-47643025	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_85847	LAELETEQLTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	57	3.58E-05	2	1274.685	0.67	Ovary	2L:+:47653175-47653207;2L:+:47653175-47653207;2L:+:47653175-47653207	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_85914	RPEVQDAVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	57	2.55E-05	1	1142.617	0.35	Visceras	2L:+:47645757-47645786;2L:+:47645757-47645786;2L:+:47645757-47645786	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_85980	KTEYVDEIVNVKPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	35	0.002314 679	3	1689.925	4.81	Malpighian tubule	2L:+:47642888-47642929;2L:+:47642888-47642929;2L:+:47642888-47642929	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_86143	IEFYHNGKPLQSASR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	N6(Deamidated)	91	1.32E-08	1	1746.892	-0.34	Visceras	2L:+:47645493-47645537;2L:+:47645493-47645537;2L:+:47645493-47645537	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_86182	VTGRPYPEVAWYINGNLVTDDATHK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	90	1.23E-08	1	2816.400	-0.27	Visceras	2L:+:47639621-47639695;2L:+:47639621-47639695;2L:+:47639621-47639695	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC

JHU_Ag_86615	LIPEPTETSVQGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.000954604	2	1398.748	0.21	Visceras	2L:+:47653451-47653489;2L:+:47653451-47653489;2L:+:47653451-47653489	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_87207	ASIAGEPLLPEAWEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	86	3.47E-08	1	1610.848	3.51	Head	2L:+:47646477-47646521;2L:+:47646477-47646521;2L:+:47646477-47646521	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_87404	GAIISDTQHPEGLDK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	107	3.43E-10	1	1580.795	2.01	Head	2L:+:47645679-47645723;2L:+:47645679-47645723;2L:+:47645679-47645723	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_87468	VIQPEAVPEPEIIYLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	36	0.001109676	1	1866.039	1.15	Ovary	2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300;2L:+:47640182-47640195,47640267-47640300	exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP007563-PC
JHU_Ag_87485	ANLILDSQLPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	36	0.001129921	2	1239.707	1.08	Ovary	2L:+:47648802-47648834;2L:+:47648802-47648834;2L:+:47648802-47648834	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_87562	IDASHWLLGDTMHPSSVQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M12(Oxidation)	38	0.0029677	1	2138.029	-2.26	Male reproductive organs	2L:+:47646867-47646923;2L:+:47646867-47646923;2L:+:47646867-47646923	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_87690	VQWFLNGNLIQASSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	129	1.54E-12	1	1732.916	1.91	Head	2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570	exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PC
JHU_Ag_87810	VTGTKPLDVYWLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	65	1.91E-06	1	1519.857	3.55	Head	2L:+:47654024-47654062;2L:+:47654024-47654062;2L:+:47654024-47654062	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC

JHU_Ag_88120	KEPAFVSRPDSIEVEEGEWAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	79	1.81E-07	1	2431.205	6.52	Ovary	2L:+:47651144-47651206;2L:+:47651144-47651206;2L:+:47651144-47651206	exon=> In CDS Exon 8 of transcript AGAP007563-PA;exon=> In CDS Exon 8 of transcript AGAP007563-PB;exon=> In CDS Exon 8 of transcript AGAP007563-PC
JHU_Ag_88494	ALSPSFMTLIQDAETTEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	80	1.46E-07	1	2054.994	-0.71	Midgut	2L:+:47639543-47639599;2L:+:47639543-47639599;2L:+:47639543-47639599	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_88659	ALSPSFMTLIQDAETTEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	141	1.21E-13	1	2054.999	1.66	Head	2L:+:47639543-47639599;2L:+:47639543-47639599;2L:+:47639543-47639599	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_88803	GMANAYEQTLEETKESENVELIDAPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M2(Oxidation)	47	0.000257467	1	2925.376	3.12	Visceras	2L:+:47653283-47653311,47653396-47653444;2L:+:47653283-47653311,47653396-47653444;2L:+:47653283-47653311,47653396-47653444	exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PC
JHU_Ag_89172	AAIDTTSMHHVVER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M8(Oxidation)	104	6.61E-10	1	1582.763	-1.13	Head	2L:+:47642012-47642053;2L:+:47642012-47642053;2L:+:47642012-47642053	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_89229	LVEGQSAHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q5(Deamidated)	95	4.38E-09	1	1343.673	1.84	Head	2L:+:47648550-47648585;2L:+:47648550-47648585;2L:+:47648550-47648585	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_89330	TTGKPGIVYDSQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.000700521	2	1603.869	-0.23	Male reproductive organs	2L:+:47650936-47650980;2L:+:47650936-47650980;2L:+:47650936-47650980	exon=> In CDS Exon 7 of transcript AGAP007563-PA;exon=> In CDS Exon 7 of transcript AGAP007563-PB;exon=> In CDS Exon 7 of transcript AGAP007563-PC
JHU_Ag_89363	FEVEFDGEPMPTVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M10(Oxidation)	51	7.60E-05	2	1640.745	-3.99	Visceras	2L:+:47653703-47653744;2L:+:47653703-47653744;2L:+:47653703-47653744	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_89850	IQYLEDSSK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	53	5.60E-05	1	1082.536	-0.26	Male reproductive organs	2L:+:47641579-47641605;2L:+:47641579-47641605;2L:+:47641579-47641605	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_89863	SKPIFTQPLSDPQPVGEGR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	44	0.000397043	1	2053.072	0.33	Male reproductive organs	2L:+:47642117-47642173;2L:+:47642117-47642173;2L:+:47642117-47642173	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_89913	TTGKPGIVYDSQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	67	1.67E-06	1	1603.872	1.68	Visceras	2L:+:47650936-47650980;2L:+:47650936-47650980;2L:+:47650936-47650980	exon=> In CDS Exon 7 of transcript AGAP007563-PA;exon=> In CDS Exon 7 of transcript AGAP007563-PB;exon=> In CDS Exon 7 of transcript AGAP007563-PC
JHU_Ag_90203	SIYSESQHEHALTSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	47	0.000316985	1	1857.909	0.04	Male reproductive organs	2L:+:47643614-47643661;2L:+:47643614-47643661;2L:+:47643614-47643661	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_90451	ATNLYGMDETR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	90	8.25E-09	1	1270.574	0.87	Visceras	2L:+:47650891-47650923;2L:+:47650891-47650923;2L:+:47650891-47650923	exon=> In CDS Exon 7 of transcript AGAP007563-PA;exon=> In CDS Exon 7 of transcript AGAP007563-PB;exon=> In CDS Exon 7 of transcript AGAP007563-PC
JHU_Ag_90659	SIILESQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	68	1.27E-06	2	1127.667	0.16	Male reproductive organs	2L:+:47649219-47649248;2L:+:47649219-47649248;2L:+:47649219-47649248	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_91398	IQDLEDSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	50	0.000182918	2	1088.558	-0.23	Male reproductive organs	2L:+:47647743-47647769;2L:+:47647743-47647769;2L:+:47647743-47647769	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_91693	DSGHYTLLAENPQGCQVSSAVLAVEPAQEQVAVER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C15(Carbamidomethyl)	69	1.45E-06	1	3752.821	0.62	Head	2L:+:47639357-47639461;2L:+:47639357-47639461;2L:+:47639357-47639461	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_92731	SDYLDEMTTQAPTFTTSLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	102	7.94E-10	1	2149.001	-0.04	Head	2L:+:47643293-47643349;2L:+:47643293-47643349;2L:+:47643293-47643349	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_92939	IQDLEAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	48	0.000115296	2	941.506	1.03	Visceras	2L:+:47646924-47646947;2L:+:47646924-47646947;2L:+:47646924-47646947	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_93017	ATNNLGEAVSTATLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	134	6.21E-13	1	1489.787	0.55	Visceras	2L:+:47646822-47646866;2L:+:47646822-47646866;2L:+:47646822-47646866	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_93218	IIPSADKYEVSYSNQQAMLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M18(Oxidation)	56	3.96E-05	1	2329.153	1.72	Visceras	2L:+:47639276-47639335;2L:+:47639276-47639335;2L:+:47639276-47639335	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_93760	GGVYLESLQPDSLAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	3.37E-07	1	1604.831	2.05	Head	2L:+:47648403-47648447;2L:+:47648403-47648447;2L:+:47648403-47648447	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_94003	ATNELGQAVTSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	103	8.39E-10	1	1289.670	0.36	Male reproductive organs	2L:+:47643953-47643991;2L:+:47643953-47643991;2L:+:47643953-47643991	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_94758	EGGFAHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	68	1.71E-06	1	1120.513	-3.66	Head	2L:+:47641285-47641314;2L:+:47641285-47641314;2L:+:47641285-47641314	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_94897	VEPINDPNLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	60	9.19E-06	1	1138.611	0.18	Visceras	2L:+:47645064-47645093;2L:+:47645064-47645093;2L:+:47645064-47645093	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_95262	GRVETDLEATLQEEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	102	9.93E-10	1	1717.865	2.79	Head	2L:+:47653025-47653069;2L:+:47653025-47653069;2L:+:47653025-47653069	exon=> In CDS Exon 10 of transcript AGAP007563-PA;exon=> In CDS Exon 10 of transcript AGAP007563-PB;exon=> In CDS Exon 10 of transcript AGAP007563-PC
JHU_Ag_95424	DTEVDEVITQAPVFTLPVKDVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	101	5.65E-10	1	2443.310	5.45	Malpighian tubule	2L:+:47643692-47643757;2L:+:47643692-47643757;2L:+:47643692-47643757	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_95715	NSLGEAVTSCSVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	112	1.07E-10	1	1379.657	-1.18	Head	2L:+:47642759-47642797;2L:+:47642759-47642797;2L:+:47642759-47642797	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_96084	QRPVFTQPLQNIDYVAEGQTAHFECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C25(Carbamidomethyl)	116	3.28E-11	1	3104.511	3.43	Head	2L:+:47645787-47645864;2L:+:47645787-47645864;2L:+:47645787-47645864	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_96246	VEWFWNGKPLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	52	9.00E-05	2	1403.748	0.36	Visceras	2L:+:47649030-47649062;2L:+:47649030-47649062;2L:+:47649030-47649062	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_96285	SIYSESQHEHALTSLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	83	9.45E-08	1	1857.911	0.83	Head	2L:+:47643614-47643661;2L:+:47643614-47643661;2L:+:47643614-47643661	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_96928	VEPSKDPTMQIEWFVNGKPLPTGAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	86	2.24E-08	1	2797.439	1.74	Visceras	2L:+:47647056-47647130;2L:+:47647056-47647130;2L:+:47647056-47647130	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_97261	VQWFLNGNLIQASSR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	Q11(Deamidated),N6(Deamidated),N8(Deamidated)	47	0.000283613	2	1733.899	1.34	Male reproductive organs	2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570;2L:+:47640460-47640496,47640563-47640570	exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP007563-PC
JHU_Ag_97340	ATNLYGMDETR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M7(Oxidation)	39	0.001087725	1	1286.574	4.53	Malpighian tubule	2L:+:47650891-47650923;2L:+:47650891-47650923;2L:+:47650891-47650923	exon=> In CDS Exon 7 of transcript AGAP007563-PA;exon=> In CDS Exon 7 of transcript AGAP007563-PB;exon=> In CDS Exon 7 of transcript AGAP007563-PC
JHU_Ag_97458	ATNNLGEAVSTATLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	86	4.21E-08	1	1489.787	0.55	Male reproductive organs	2L:+:47646822-47646866;2L:+:47646822-47646866;2L:+:47646822-47646866	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_97587	SLHNVETFEGTNIHLECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	107	3.34E-10	1	2156.024	2.24	Head	2L:+:47642540-47642593;2L:+:47642540-47642593;2L:+:47642540-47642593	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_97797	APVTGDLGIQEQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	106	2.62E-10	1	1383.724	1.21	Head	2L:+:47641114-47641152;2L:+:47641114-47641152;2L:+:47641114-47641152	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_97881	SSVGEAVASCELK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	77	3.18E-07	2	1336.644	1.85	Male reproductive organs	2L:+:47651446-47651484;2L:+:47651446-47651484;2L:+:47651446-47651484	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_98142	GMANAYEQTLEETKESENVELIDAPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M2(Oxidation)	63	7.26E-06	1	2925.377	3.43	Malpighian tubule	2L:+:47653283-47653311,47653396-47653444;2L:+:47653283-47653311,47653396-47653444;2L:+:47653283-47653311,47653396-47653444	exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP007563-PC
JHU_Ag_98150	IQTLEDSLIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	76	3.58E-07	2	1187.663	-0.06	Male reproductive organs	2L:+:47648859-47648888;2L:+:47648859-47648888;2L:+:47648859-47648888	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_98166	LSEGSDAVFSTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	98	1.94E-09	1	1268.614	1.7	Head	2L:+:47639189-47639224;2L:+:47639189-47639224;2L:+:47639189-47639224	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_98580	NSLGEAVTSCSVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	63	8.23E-06	1	1379.656	-1.89	Male reproductive organs	2L:+:47642759-47642797;2L:+:47642759-47642797;2L:+:47642759-47642797	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_99065	FDHGIVTCVAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C8(Carbamidomethyl)	69	2.19E-06	1	1274.632	0.44	Visceras	2L:+:47639750-47639782;2L:+:47639750-47639782;2L:+:47639750-47639782	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_99126	DQGIYTCK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C7(Carbamidomethyl)	50	8.33E-05	1	984.446	0.57	Head	2L:+:47647608-47647631;2L:+:47647608-47647631;2L:+:47647608-47647631	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_99138	RPEVQDAVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.001078936	1	1142.622	5.05	Larva	2L:+:47645757-47645786;2L:+:47645757-47645786;2L:+:47645757-47645786	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_99309	DTEVDEVITQAPVFTLPVKDVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	71	6.49E-07	1	2443.300	1.18	Ovary	2L:+:47643692-47643757;2L:+:47643692-47643757;2L:+:47643692-47643757	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_99668	FTTQLQSLEGLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	70	9.64E-07	2	1364.743	0.49	Visceras	2L:+:47648121-47648156;2L:+:47648121-47648156;2L:+:47648121-47648156	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_100724	GGIVLDSQLPEGMTASK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M13(Oxidation)	72	1.16E-06	2	1718.863	-0.11	Male reproductive organs	2L:+:47650044-47650094;2L:+:47650044-47650094;2L:+:47650044-47650094	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_100829	ASLDLETQNESALEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	92	1.22E-08	1	1647.811	2.02	Ovary	2L:+:47644010-47644054;2L:+:47644010-47644054;2L:+:47644010-47644054	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_100903	IGEAISTSK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	62	7.18E-06	2	905.495	0.88	Head	2L:+:47641069-47641095;2L:+:47641069-47641095;2L:+:47641069-47641095	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_101077	ATNQLGSAHTSACVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C13(Carbamidomethyl)	56	3.90E-05	1	1572.759	2.65	Malpighian tubule	2L:+:47642354-47642398;2L:+:47642354-47642398;2L:+:47642354-47642398	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_101422	GAIISDTQHPEGLDK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	126	3.98E-12	1	1580.793	0.62	Visceras	2L:+:47645679-47645723;2L:+:47645679-47645723;2L:+:47645679-47645723	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_101633	REEEDVAVTVPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	42	0.000921592	1	1468.764	-0.5	Male reproductive organs	2L:+:47644091-47644129;2L:+:47644091-47644129;2L:+:47644091-47644129	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_101872	EGESAHFEAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	66	1.98E-06	1	1104.499	2.85	Larva	2L:+:47648970-47648999;2L:+:47648970-47648999;2L:+:47648970-47648999	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_101884	VTGTKPLDVYWLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	57	1.33E-05	2	1519.851	-0.39	Visceras	2L:+:47654024-47654062;2L:+:47654024-47654062;2L:+:47654024-47654062	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_102058	VEWFVNGMPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M8(Oxidation)	63	8.66E-06	1	1321.664	1.89	Visceras	2L:+:47642624-47642656;2L:+:47642624-47642656;2L:+:47642624-47642656	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_102180	EGESAHFEAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	75	2.56E-07	1	1104.496	0.08	Visceras	2L:+:47648970-47648999;2L:+:47648970-47648999;2L:+:47648970-47648999	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_102321	IQDLEAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	46	0.000229449	2	941.505	-0.27	Head	2L:+:47646924-47646947;2L:+:47646924-47646947;2L:+:47646924-47646947	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_102352	SPISDQLNVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	55	3.67E-05	2	1128.604	3.2	Malpighian tubule	2L:+:47641255-47641284;2L:+:47641255-47641284;2L:+:47641255-47641284	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_102885	EGENAHFECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C9(Carbamidomethyl)	64	6.38E-07	1	1248.498	-6.64	Head	2L:+:47647026-47647055;2L:+:47647026-47647055;2L:+:47647026-47647055	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_102919	LPSIVLQNQIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	75	4.74E-08	1	1349.816	0.32	Visceras	2L:+:47650440-47650475;2L:+:47650440-47650475;2L:+:47650440-47650475	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_102966	RSIILESQLPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	74	1.50E-07	1	1283.767	-0.97	Head	2L:+:47649216-47649248;2L:+:47649216-47649248;2L:+:47649216-47649248	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_103137	DTEVDEVITQAPVFTLPVKDVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	80	7.12E-08	1	2443.304	2.98	Head	2L:+:47643692-47643757;2L:+:47643692-47643757;2L:+:47643692-47643757	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_103192	VVEGPVQPTKPPVFTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	84	1.18E-08	1	1750.993	4.62	Male reproductive organs	2L:+:47653613-47653660;2L:+:47653613-47653660;2L:+:47653613-47653660	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_103447	ATNEYGEAVTTSTMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	58	1.28E-05	2	1646.733	0.08	Male reproductive organs	2L:+:47649159-47649203;2L:+:47649159-47649203;2L:+:47649159-47649203	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_103646	NAHFEAQITPVSDPTMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M16(Oxidation)	63	7.37E-06	1	1929.916	1.95	Visceras	2L:+:47640877-47640927;2L:+:47640877-47640927;2L:+:47640877-47640927	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_104360	LSSSTGVAESR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	77	3.07E-07	1	1093.551	2.41	Visceras	2L:+:47640655-47640687;2L:+:47640655-47640687;2L:+:47640655-47640687	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_104466	AAIDTTSMHHVVER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	67	3.15E-06	1	1566.770	0.36	Visceras	2L:+:47642012-47642053;2L:+:47642012-47642053;2L:+:47642012-47642053	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_104504	ASLDLETQNESALEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	134	6.48E-13	1	1647.808	0.62	Visceras	2L:+:47644010-47644054;2L:+:47644010-47644054;2L:+:47644010-47644054	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_104555	GGIVLDSQLPEGMTASK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M13(Oxidation)	90	1.59E-08	2	1718.864	0.32	Visceras	2L:+:47650044-47650094;2L:+:47650044-47650094;2L:+:47650044-47650094	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_104631	IHQLEDAIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.001518108	1	1094.585	-9.54	Head	2L:+:47644055-47644081;2L:+:47644055-47644081;2L:+:47644055-47644081	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_104989	IEVIAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	43	0.000412924	2	700.435	-0.8	Male reproductive organs	2L:+:47651428-47651445;2L:+:47651428-47651445;2L:+:47651428-47651445	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_105109	AVNALGEAVTSATCVVHTR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C14(Carbamidomethyl)	81	1.25E-07	2	1956.000	1.46	Male reproductive organs	2L:+:47643554-47643610;2L:+:47643554-47643610;2L:+:47643554-47643610	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_105379	ATSFSEQQQHQQFQQHQVIETSTEATK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	85	5.29E-08	1	3146.479	0.56	Male reproductive organs	2L:+:47639462-47639542;2L:+:47639462-47639542;2L:+:47639462-47639542	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_106009	FTTQLQSLEGLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	40	0.000914382	2	1364.744	1.11	Malpighian tubule	2L:+:47648121-47648156;2L:+:47648121-47648156;2L:+:47648121-47648156	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_106101	IIALEQPHQQR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	57	2.10E-05	1	1332.738	0.1	Visceras	2L:+:47646126-47646158;2L:+:47646126-47646158;2L:+:47646126-47646158	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_106130	AYNSLGEAHVSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	61	1.29E-05	2	1346.677	5.18	Malpighian tubule	2L:+:47641474-47641512;2L:+:47641474-47641512;2L:+:47641474-47641512	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_106138	TVPEGQSVEFR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	45	0.000586705	2	1248.622	-0.16	Male reproductive organs	2L:+:47654312-47654344;2L:+:47654312-47654344;2L:+:47654312-47654344	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_106233	DNVDVAEGGPVHFDCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C15(Carbamidomethyl)	123	3.98E-12	1	1786.784	1.64	Visceras	2L:+:47649780-47649827;2L:+:47649780-47649827;2L:+:47649780-47649827	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_106573	YEVSYSNQQAMLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M11(Oxidation)	97	2.11E-09	1	1604.740	1.43	Head	2L:+:47639297-47639335;2L:+:47639297-47639335;2L:+:47639297-47639335	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_106700	EELMADEEEGRPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	64	5.67E-06	1	1629.749	4.13	Visceras	2L:+:47649720-47649761;2L:+:47649720-47649761;2L:+:47649720-47649761	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_107100	YTEEIFLTEDDLFDPDR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	69	1.31E-06	2	2117.957	0.95	Head	2L:+:47650527-47650577;2L:+:47650527-47650577;2L:+:47650527-47650577	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_107138	LHGPTNLVEGQSAHYECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	119	1.86E-11	1	2067.966	-0.34	Visceras	2L:+:47644142-47644195;2L:+:47644142-47644195;2L:+:47644142-47644195	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_107568	ILVNEAGNHSLMITSTNR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M12(Oxidation)	36	0.003752595	1	1986.008	0.14	Male reproductive organs	2L:+:47639696-47639749;2L:+:47639696-47639749;2L:+:47639696-47639749	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC

JHU_Ag_107999	RPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.000847525	3	1635.748	0.42	Pupa	2L:+:47647770-47647817;2L:+:47647770-47647817;2L:+:47647770-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_108090	LHGPTNLVEGQSAHYECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	83	8.42E-08	1	2067.974	3.44	Midgut	2L:+:47644142-47644195;2L:+:47644142-47644195;2L:+:47644142-47644195	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_108212	SEDQEAAFEKPIFTQLLTGPSELWEGQHAHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.000977758	1	3898.869	0.48	Midgut	2L:+:47646159-47646260;2L:+:47646159-47646260;2L:+:47646159-47646260	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_108374	AYNSLGEAHVSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	103	8.37E-10	1	1346.673	2.01	Head	2L:+:47641474-47641512;2L:+:47641474-47641512;2L:+:47641474-47641512	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_109142	IQDLEDSLRRPEGGEAESDAGHAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	66	3.70E-06	1	2705.295	2.61	Visceras	2L:+:47647743-47647817;2L:+:47647743-47647817;2L:+:47647743-47647817	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_109165	VTGRPYPEVAWYINGNLVTDDATHK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	65	4.21E-06	1	2816.406	1.9	Head	2L:+:47639621-47639695;2L:+:47639621-47639695;2L:+:47639621-47639695	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_109282	IKELESYQKPQTQEVEPAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	101	8.38E-10	1	2245.180	3.9	Malpighian tubule	2L:+:47644929-47644985;2L:+:47644929-47644985;2L:+:47644929-47644985	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_109432	REELMADEEEGRPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	68	2.35E-06	1	1785.842	-1.01	Visceras	2L:+:47649717-47649761;2L:+:47649717-47649761;2L:+:47649717-47649761	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_109485	KGAPLLDSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	50	9.03E-05	2	999.584	0.83	Male reproductive organs	2L:+:47638742-47638771;2L:+:47638742-47638771;2L:+:47638742-47638771	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_110030	ATNQVGEAVSTCNIR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	113	9.04E-11	1	1619.782	0.84	Head	2L:+:47645223-47645267;2L:+:47645223-47645267;2L:+:47645223-47645267	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_110143	LEPVGDATLR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	48	0.000123452	1	1070.584	0.15	Visceras	2L:+:47641315-47641344;2L:+:47641315-47641344;2L:+:47641315-47641344	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC

JHU_Ag_110575	AAIDTTSMHHVVER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M8(Oxidation)	35	0.004590327	1	1582.772	4.92	Malpighian tubule	2L:+:47642012-47642053;2L:+:47642012-47642053;2L:+:47642012-47642053	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_111233	RPEVQDAVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	37	0.002225048	2	1142.613	-2.75	Pupa	2L:+:47645757-47645786;2L:+:47645757-47645786;2L:+:47645757-47645786	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_111827	ASIAGEPLLPEAWEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	6.51E-07	1	1610.844	0.63	Male reproductive organs	2L:+:47646477-47646521;2L:+:47646477-47646521;2L:+:47646477-47646521	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_111851	LTPINDPSMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	59	1.27E-05	1	1143.582	-0.78	Visceras	2L:+:47649414-47649443;2L:+:47649414-47649443;2L:+:47649414-47649443	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_111918	YTEEIFLTEDDLFDPDR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	105	3.94E-10	1	2117.957	0.84	Visceras	2L:+:47650527-47650577;2L:+:47650527-47650577;2L:+:47650527-47650577	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_112164	GAIISDTQHPEGLDK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	75	5.10E-07	1	1580.793	0.77	Male reproductive organs	2L:+:47645679-47645723;2L:+:47645679-47645723;2L:+:47645679-47645723	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_112437	LNEAEALHLEGQVEPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	110	1.40E-10	1	1776.915	1.11	Visceras	2L:+:47647437-47647484;2L:+:47647437-47647484;2L:+:47647437-47647484	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_112445	ATNELGQAVTSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	41	0.001438071	2	1289.671	0.74	Ovary	2L:+:47643953-47643991;2L:+:47643953-47643991;2L:+:47643953-47643991	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_112467	SEDQEAAFEKPIFTQLLTGPSELWEGQHAHFEAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	109	1.26E-10	1	3898.872	1.33	Visceras	2L:+:47646159-47646260;2L:+:47646159-47646260;2L:+:47646159-47646260	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_112474	ATNNLGEAVSTATLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	103	7.35E-10	2	1489.784	-1.01	Midgut	2L:+:47646822-47646866;2L:+:47646822-47646866;2L:+:47646822-47646866	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_113062	ASIAGEPLLPEAWEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	33	0.006990531	1	1610.842	-0.43	Ovary	2L:+:47646477-47646521;2L:+:47646477-47646521;2L:+:47646477-47646521	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC

JHU_Ag_113102	YAGETDAQLITTVDR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	117	3.85E-11	2	1652.815	1.7	Visceras	2L:+:47639090-47639134;2L:+:47639090-47639134;2L:+:47639090-47639134	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_113109	QFVEPQYQVEELCK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C13(Carbamidomethyl)	84	6.01E-08	2	1796.857	2.6	Head	2L:+:47642075-47642116;2L:+:47642075-47642116;2L:+:47642075-47642116	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_113190	IDASHWLLGDTMHPSSVQK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M12(Oxidation)	75	5.19E-07	1	2138.037	1.36	Visceras	2L:+:47646867-47646923;2L:+:47646867-47646923;2L:+:47646867-47646923	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_113245	AYNEHGEDVTK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	76	1.63E-07	1	1262.557	-6.43	Head	2L:+:47650386-47650418;2L:+:47650386-47650418;2L:+:47650386-47650418	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_113473	DVPEDQFESPVFVDHLNNVEIK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	88	2.70E-08	1	2570.250	3.41	Visceras	2L:+:47646960-47647025;2L:+:47646960-47647025;2L:+:47646960-47647025	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_113589	YVNPEDSGTYTCR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C12(Carbamidomethyl)	64	2.05E-06	2	1561.659	0.13	Male reproductive organs	2L:+:47643914-47643952;2L:+:47643914-47643952;2L:+:47643914-47643952	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_113904	AAPHAPPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	35	0.005750146	1	788.440	-1.31	Head	2L:+:47640313-47640336;2L:+:47640313-47640336;2L:+:47640313-47640336	exon=> In CDS Exon 3 of transcript AGAP007563-PA;exon=> In CDS Exon 3 of transcript AGAP007563-PB;exon=> In CDS Exon 3 of transcript AGAP007563-PC
JHU_Ag_113966	VTGTKPLDVYWLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	38	0.000928443	1	1519.853	0.82	Male reproductive organs	2L:+:47654024-47654062;2L:+:47654024-47654062;2L:+:47654024-47654062	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_114208	TESIEEVVNQRPGFTRPLQDLGELEEGR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	46	0.000266884	1	3198.614	3.42	Male reproductive organs	2L:+:47640793-47640876;2L:+:47640793-47640876;2L:+:47640793-47640876	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_114269	DLILESQYPAGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	79	1.62E-07	2	1575.827	0.42	Male reproductive organs	2L:+:47642813-47642854;2L:+:47642813-47642854;2L:+:47642813-47642854	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_114602	SSVGEAVASCELKITPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C10(Carbamidomethyl)	57	3.22E-05	2	1803.933	3.27	Malpighian tubule	2L:+:47651446-47651496;2L:+:47651446-47651496;2L:+:47651446-47651496	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC

JHU_Ag_114653	LPSIVLQNQIPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	53	8.24E-06	1	1349.816	0.5	Male reproductive organs	2L:+:47650440-47650475;2L:+:47650440-47650475;2L:+:47650440-47650475	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_114950	DVLEDITVMSPPQFAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M9(Oxidation)	108	2.79E-10	2	1833.911	3.18	Visceras	2L:+:47642492-47642539;2L:+:47642492-47642539;2L:+:47642492-47642539	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_115588	FEVEFDGEPMPTVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M10(Oxidation)	55	3.67E-05	2	1640.751	-0.12	Male reproductive organs	2L:+:47653703-47653744;2L:+:47653703-47653744;2L:+:47653703-47653744	exon=> In CDS Exon 11 of transcript AGAP007563-PA;exon=> In CDS Exon 11 of transcript AGAP007563-PB;exon=> In CDS Exon 11 of transcript AGAP007563-PC
JHU_Ag_115655	SPISDQLNVR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	79	1.30E-07	1	1128.601	-0.16	Male reproductive organs	2L:+:47641255-47641284;2L:+:47641255-47641284;2L:+:47641255-47641284	exon=> In CDS Exon 4 of transcript AGAP007563-PA;exon=> In CDS Exon 4 of transcript AGAP007563-PB;exon=> In CDS Exon 4 of transcript AGAP007563-PC
JHU_Ag_116145	SIILESQLPKGMESTIER	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M12(Oxidation)	47	0.000177182	1	2047.082	4.11	Malpighian tubule	2L:+:47649219-47649272;2L:+:47649219-47649272;2L:+:47649219-47649272	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_116170	ATNELGQAVTSAK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	73	7.12E-07	1	1289.674	3.29	Malpighian tubule	2L:+:47643953-47643991;2L:+:47643953-47643991;2L:+:47643953-47643991	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_116180	KDLILESQYPAGLEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	86	2.09E-08	2	1703.922	0.53	Head	2L:+:47642810-47642854;2L:+:47642810-47642854;2L:+:47642810-47642854	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_116223	GSQQILTNTQNEMGLEQIQYLEEK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M13(Oxidation)	100	1.44E-09	2	2794.360	1.32	Visceras	2L:+:47643206-47643277;2L:+:47643206-47643277;2L:+:47643206-47643277	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_116411	LHGPTNLVEGQSAHYECR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	C17(Carbamidomethyl)	44	0.000701479	1	2067.980	6.65	Ovary	2L:+:47644142-47644195;2L:+:47644142-47644195;2L:+:47644142-47644195	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_116456	AINPLGEAVTTASMR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M14(Oxidation)	88	2.36E-08	2	1530.799	2.99	Head	2L:+:47646024-47646068;2L:+:47646024-47646068;2L:+:47646024-47646068	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_116582	ATNHLGSETSSIALNVTPK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	50	0.000130021	1	1940.008	0.02	Male reproductive organs	2L:+:47644355-47644411;2L:+:47644355-47644411;2L:+:47644355-47644411	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC

JHU_Ag_116712	VEWYHNEAPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	46	0.000373951	2	1371.670	0.46	Male reproductive organs	2L:+:47643425-47643457;2L:+:47643425-47643457;2L:+:47643425-47643457	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_116737	QKPVFLTPLTSLENLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	47	3.17E-05	1	1828.060	1.25	Head	2L:+:47644986-47645033;2L:+:47644986-47645033;2L:+:47644986-47645033	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_116939	LELDEPEVTAPR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	76	3.42E-07	1	1368.701	0.36	Visceras	2L:+:47645361-47645396;2L:+:47645361-47645396;2L:+:47645361-47645396	exon=> In CDS Exon 6 of transcript AGAP007563-PA;exon=> In CDS Exon 6 of transcript AGAP007563-PB;exon=> In CDS Exon 6 of transcript AGAP007563-PC
JHU_Ag_117102	DTEVDEVITQAPVFTLPVK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	60	1.01E-05	2	2101.107	0.49	Ovary	2L:+:47643692-47643748;2L:+:47643692-47643748;2L:+:47643692-47643748	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_117212	IEVIAR	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	38	0.001106874	2	700.436	0.94	Head	2L:+:47651428-47651445;2L:+:47651428-47651445;2L:+:47651428-47651445	exon=> In CDS Exon 9 of transcript AGAP007563-PA;exon=> In CDS Exon 9 of transcript AGAP007563-PB;exon=> In CDS Exon 9 of transcript AGAP007563-PC
JHU_Ag_117592	FAQGGNALFEGK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	-	85	4.65E-08	2	1238.616	-0.18	Male reproductive organs	2L:+:47638667-47638702;2L:+:47638667-47638702;2L:+:47638667-47638702	exon=> In CDS Exon 2 of transcript AGAP007563-PA;exon=> In CDS Exon 2 of transcript AGAP007563-PB;exon=> In CDS Exon 2 of transcript AGAP007563-PC
JHU_Ag_117810	KGEDEMYVAEKPAFGRPLK	AGAP007563-PA,AGAP007563-PB,AGAP007563-PC	M6(Oxidation)	62	8.12E-06	1	2181.094	-3.14	Visceras	2L:+:47644493-47644549;2L:+:47644493-47644549;2L:+:47644493-47644549	exon=> In CDS Exon 5 of transcript AGAP007563-PA;exon=> In CDS Exon 5 of transcript AGAP007563-PB;exon=> In CDS Exon 5 of transcript AGAP007563-PC
JHU_Ag_3915	VTTSAGQVETSAK	AGAP007563-PC	-	78	2.74E-07	1	1278.654	0.26	Male reproductive organs	2L:+:47655461-47655499	exon=> In CDS Exon 12 of transcript AGAP007563-PC
JHU_Ag_22563	VTTSAGQVETSAK	AGAP007563-PC	-	51	0.000132754	2	1278.654	0.45	Visceras	2L:+:47655461-47655499	exon=> In CDS Exon 12 of transcript AGAP007563-PC
JHU_Ag_26757	VTTSAGQVETSAK	AGAP007563-PC	-	83	9.07E-08	1	1278.654	0.65	Head	2L:+:47655461-47655499	exon=> In CDS Exon 12 of transcript AGAP007563-PC
JHU_Ag_39465	VTTSAGQVETSAK	AGAP007563-PC	-	83	8.36E-08	1	1278.652	-0.98	Pupa	2L:+:47655461-47655499	exon=> In CDS Exon 12 of transcript AGAP007563-PC
JHU_Ag_26627	KFQEVSEAYEVLSDETK	AGAP007565-PA,AGAP007565-PB	-	46	0.000382575	3	2001.972	3.33	Head	2L:+:47724752-47724781,47724875-47724895;2L:+:47724752-47724781,47724875-47724895	exon=> In CDS Exon 2 and 3 of transcript AGAP007565-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007565-PB
JHU_Ag_28460	AGGGPGPGAGPQGFSQNWQFR	AGAP007565-PA,AGAP007565-PB	-	56	3.85E-05	1	2072.978	4.66	Ovary	2L:+:47724944-47725006;2L:+:47724944-47725006	exon=> In CDS Exon 3 of transcript AGAP007565-PA;exon=> In CDS Exon 3 of transcript AGAP007565-PB
JHU_Ag_38117	VTVPVPAGIEDGQTVR	AGAP007565-PA,AGAP007565-PB	-	41	0.00072246	2	1637.886	-0.16	Midgut	2L:+:47725397-47725444;2L:+:47725397-47725444	exon=> In CDS Exon 3 of transcript AGAP007565-PA;exon=> In CDS Exon 3 of transcript AGAP007565-PB

JHU_Ag_51151	DIDVNVVDTCPK	AGAP007565-PA,AGAP007565-PB	C10(Carbamidomethyl)	83	6.70E-08	2	1374.661	3.2	Midgut	2L:+:47725166-47725201;2L:+:47725166-47725201	exon=> In CDS Exon 3 of transcript AGAP007565-PA;exon=> In CDS Exon 3 of transcript AGAP007565-PB
JHU_Ag_74741	VQGVYEDQTIQITPGTSSHTR	AGAP007565-PA,AGAP007565-PB	-	50	0.000145944	1	2317.154	5.24	Ovary	2L:+:47725648-47725710;2L:+:47725648-47725710	exon=> In CDS Exon 4 of transcript AGAP007565-PA;exon=> In CDS Exon 4 of transcript AGAP007565-PB
JHU_Ag_57460	DQEGYDTYKPHDPTDTHEYR	AGAP007565-PB	-	83	2.55E-08	1	2467.037	-2.57	Midgut	2L:+:47726108-47726167	exon=> In CDS Exon 5 of transcript AGAP007565-PB
JHU_Ag_67753	DRLEALER	AGAP007565-PB	-	36	0.004190539	1	1001.533	-4.23	Head	2L:+:47726273-47726296	exon=> In CDS Exon 5 of transcript AGAP007565-PB
JHU_Ag_99068	FATIYPIK	AGAP007567-PA	-	30	0.003247237	1	952.562	11.87	Head	2L:+:47756086-47756109	exon=> In CDS Exon 4 of transcript AGAP007567-PA
JHU_Ag_35437	TLLERK	AGAP007568-PA	-	32	0.00370166	1	759.479	8.34	Malpighian tubule	2L:-:47761155-47761138	exon=> In CDS Exon 3 of transcript AGAP007568-PA
JHU_Ag_110697	TLLERK	AGAP007568-PA	-	32	0.003667723	1	759.479	8.1	Salivary gland	2L:-:47761155-47761138	exon=> In CDS Exon 3 of transcript AGAP007568-PA
JHU_Ag_112640	TLLERK	AGAP007568-PA	-	32	0.003675892	1	759.476	4.96	Ovary	2L:-:47761155-47761138	exon=> In CDS Exon 3 of transcript AGAP007568-PA
JHU_Ag_5836	SGRPVPIARPNVELSQPAPPPVDK	AGAP007570-PA	-	64	1.37E-06	1	2521.397	3.4	Ovary	2L:-:47766083-47766012	exon=> In CDS Exon 1 of transcript AGAP007570-PA
JHU_Ag_10988	IANSLSQVFTK	AGAP007570-PA	-	60	8.56E-06	2	1207.668	-0.22	Ovary	2L:-:47766524-47766492	exon=> In CDS Exon 1 of transcript AGAP007570-PA
JHU_Ag_63079	GNKPGAFVNVGLLNDVLVDTK	AGAP007570-PA	-	60	4.44E-06	1	2170.188	0.72	Ovary	2L:-:47766722-47766660	exon=> In CDS Exon 1 of transcript AGAP007570-PA
JHU_Ag_69005	FTGLLNPLDSQHHLR	AGAP007570-PA	-	45	0.000336816	1	1747.931	3.96	Ovary	2L:-:47766821-47766777	exon=> In CDS Exon 1 of transcript AGAP007570-PA
JHU_Ag_117643	LNVDTVEDLFEEYLNTVPTQGSR	AGAP007570-PA	-	54	5.32E-05	1	2639.284	0.16	Ovary	2L:-:47766335-47766267	exon=> In CDS Exon 1 of transcript AGAP007570-PA
JHU_Ag_2538	TPLSGAQTTLYTALDEDLAEESGKYYADCR	AGAP007572-PA	C29(Carbamidomethyl)	71	7.66E-07	1	3338.532	-1.52	Head	2L:+:47770807-47770886,47770975-47770984	exon=> In CDS Exon 4 and 5 of transcript AGAP007572-PA
JHU_Ag_30912	LQGTGVTAYSVHPGTVDTELPR	AGAP007572-PA	-	79	1.54E-07	1	2298.175	1.16	Head	2L:+:47770594-47770659	exon=> In CDS Exon 3 of transcript AGAP007572-PA
JHU_Ag_50572	HMGSLFFLFDHK	AGAP007572-PA	M2(Oxidation)	42	0.001105287	1	1494.720	-0.03	Head	2L:+:47770660-47770691,47770770-47770773	exon=> In CDS Exon 3 and 4 of transcript AGAP007572-PA
JHU_Ag_60420	SDIIAQTGLADIHVR	AGAP007572-PA	-	129	1.04E-12	1	1608.874	2.24	Head	2L:+:47770106-47770150	exon=> In CDS Exon 2 of transcript AGAP007572-PA
JHU_Ag_64433	TPLSGAQTTLYTALDEDLAEESGK	AGAP007572-PA	-	148	2.14E-14	2	2510.223	3.54	Head	2L:+:47770807-47770878	exon=> In CDS Exon 4 of transcript AGAP007572-PA
JHU_Ag_70629	NDELSAWLWDESVR	AGAP007572-PA	-	75	4.02E-07	1	1719.802	2.72	Head	2L:+:47771012-47771053	exon=> In CDS Exon 5 of transcript AGAP007572-PA
JHU_Ag_81999	VILITGANTGIGK	AGAP007572-PA	-	57	5.24E-06	2	1256.757	-0.06	Head	2L:+:47769986-47770024	exon=> In CDS Exon 2 of transcript AGAP007572-PA
JHU_Ag_83483	IVNLSSLAHK	AGAP007572-PA	-	35	0.000962673	1	1081.637	0.95	Head	2L:+:47770450-47770479	exon=> In CDS Exon 3 of transcript AGAP007572-PA
JHU_Ag_99564	TPLSGAQTTLYTALDEDLAEESGK	AGAP007572-PA	-	92	9.16E-09	2	2510.216	0.63	Male reproductive organs	2L:+:47770807-47770878	exon=> In CDS Exon 4 of transcript AGAP007572-PA
JHU_Ag_59506	QAATKPQYSYTSMGTTYR	AGAP007573-PA	Q1(Deamidated), M13(Oxidation)	35	0.004009849	1	2070.964	9.7	Male reproductive organs	2L:-:47779571-47779518	exon=> In CDS Exon 6 of transcript AGAP007573-PA
JHU_Ag_116601	IIAIR	AGAP007573-PA,AGAP000194-PA	-	36	0.000604291	1	585.408	0.16	Larva	2L:-:47779080-47779066;X:+:3194364-3194378	exon=> In CDS Exon 8 of transcript AGAP007573-PA;exon=> In CDS Exon 2 of transcript AGAP000194-PA
JHU_Ag_3067	HEYLNCEYDDYILR	AGAP007574-PA	C6(Carbamidomethyl)	117	1.42E-11	1	1902.838	2.8	Malpighian tubule	2L:+:47791811-47791839,47791916-47791928	exon=> In CDS Exon 2 and 3 of transcript AGAP007574-PA

JHU_Ag_7629	HEYLNCEYDDYILR	AGAP007574-PA	C6(Carbamidomethyl)	116	1.73E-11	1	1902.833	0.11	Midgut	2L:+:47791811-47791839,47791916-47791928	exon=> In CDS Exon 2 and 3 of transcript AGAP007574-PA
JHU_Ag_9889	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	61	1.22E-05	1	2249.137	0.87	Salivary gland	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_11943	VMIATEEEMEAAK	AGAP007574-PA	M2(Oxidation),M9(Oxidation),"M2(Oxidation), M9(Oxidation)"	85	4.19E-08	2	1467.673	1.28	Head	2L:+:47791369-47791369,47791671-47791708	exon=> In CDS Exon 1 and 2 of transcript AGAP007574-PA
JHU_Ag_26497	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	94	6.44E-09	1	2249.137	0.78	Pupa	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_26684	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	96	3.93E-09	2	2249.131	-1.63	Midgut	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_30822	SDVWPWAYK	AGAP007574-PA	-	45	0.000423498	2	1151.553	1.16	Malpighian tubule	2L:+:47791769-47791795	exon=> In CDS Exon 2 of transcript AGAP007574-PA
JHU_Ag_32030	VMIATEEEMEAAKLPLEAR	AGAP007574-PA	M2(Oxidation), M9(Oxidation)	120	1.69E-11	1	2131.084	3.07	Midgut	2L:+:47791369-47791369,47791671-47791726	exon=> In CDS Exon 1 and 2 of transcript AGAP007574-PA
JHU_Ag_32614	HEYLNCEYDDYILR	AGAP007574-PA	C6(Carbamidomethyl)	88	1.16E-08	1	1902.838	2.55	Ovary	2L:+:47791811-47791839,47791916-47791928	exon=> In CDS Exon 2 and 3 of transcript AGAP007574-PA
JHU_Ag_35974	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	105	5.06E-10	1	2249.144	3.88	Male reproductive organs	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_38290	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	87	2.57E-08	1	2249.139	1.92	Ovary	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_42965	HEYLNCEYDDYILR	AGAP007574-PA	C6(Carbamidomethyl)	95	2.51E-09	1	1902.834	0.56	Visceras	2L:+:47791811-47791839,47791916-47791928	exon=> In CDS Exon 2 and 3 of transcript AGAP007574-PA
JHU_Ag_51814	GTPLPLTEPSFDPNLGFPHGRK	AGAP007574-PA	-	45	0.000334059	1	2377.234	1.64	Visceras	2L:+:47791297-47791362	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_52818	HEYLNCEYDDYILR	AGAP007574-PA	C6(Carbamidomethyl)	81	6.96E-08	2	1902.840	3.57	Pupa	2L:+:47791811-47791839,47791916-47791928	exon=> In CDS Exon 2 and 3 of transcript AGAP007574-PA
JHU_Ag_53421	SDVWPWAYK	AGAP007574-PA	-	41	0.001176853	2	1151.550	-2.13	Midgut	2L:+:47791769-47791795	exon=> In CDS Exon 2 of transcript AGAP007574-PA
JHU_Ag_59956	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	109	1.77E-10	1	2249.137	0.78	Head	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_61951	VMIATEEEMEAAKLPLEAR	AGAP007574-PA	M9(Oxidation)	41	0.001321226	1	2147.076	1.77	Visceras	2L:+:47791369-47791369,47791671-47791726	exon=> In CDS Exon 1 and 2 of transcript AGAP007574-PA
JHU_Ag_65913	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	126	3.28E-12	1	2249.142	3.14	Malpighian tubule	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_75109	CAHEKHEYLNCEYDDYILR	AGAP007574-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	133	3.43E-13	1	2528.095	-0.76	Midgut	2L:+:47791796-47791839,47791916-47791928	exon=> In CDS Exon 2 and 3 of transcript AGAP007574-PA
JHU_Ag_76408	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	119	1.90E-11	1	2249.143	3.48	Visceras	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_76955	GTPLPLTEPSFDPNLGFPHGRK	AGAP007574-PA	-	42	0.000567545	1	2377.234	1.56	Head	2L:+:47791297-47791362	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_83023	VMIATEEEMEAAK	AGAP007574-PA	M2(Oxidation),M9(Oxidation),"M2(Oxidation), M9(Oxidation)"	100	9.12E-10	2	1483.663	-1.48	Midgut	2L:+:47791369-47791369,47791671-47791708	exon=> In CDS Exon 1 and 2 of transcript AGAP007574-PA
JHU_Ag_85854	HEYLNCEYDDYILR	AGAP007574-PA	C6(Carbamidomethyl)	130	6.12E-13	1	1902.827	-3.23	Head	2L:+:47791811-47791839,47791916-47791928	exon=> In CDS Exon 2 and 3 of transcript AGAP007574-PA
JHU_Ag_100439	DYCAHK	AGAP007574-PA	C3(Carbamidomethyl)	29	0.005902166	1	793.331	2.16	Head	2L:+:47791727-47791744	exon=> In CDS Exon 2 of transcript AGAP007574-PA

JHU_Ag_101552	VMIATEEEMEAAKLPLEAR	AGAP007574-PA	M2(Oxidation), M9(Oxidation)	41	0.001213863	1	2163.079	5.18	Malpighian tubule	2L:+:47791369-47791369,47791671-47791726	exon=> In CDS Exon 1 and 2 of transcript AGAP007574-PA
JHU_Ag_107928	VMIATEEEMEAAK	AGAP007574-PA	M9(Oxidation)	86	2.86E-08	2	1467.673	1.36	Visceras	2L:+:47791369-47791369,47791671-47791708	exon=> In CDS Exon 1 and 2 of transcript AGAP007574-PA
JHU_Ag_111265	GTPLPLTEPSFDPNLGFPHGR	AGAP007574-PA	-	44	0.00059659	1	2249.147	5.1	Larva	2L:+:47791297-47791359	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_111811	GTPLPLTEPSFDPNLGFPHGRK	AGAP007574-PA	-	63	5.04E-06	1	2377.244	5.72	Malpighian tubule	2L:+:47791297-47791362	exon=> In CDS Exon 1 of transcript AGAP007574-PA
JHU_Ag_117265	VMIATEEEMEAAK	AGAP007574-PA	M2(Oxidation), M9(Oxidation)	55	2.61E-05	2	1483.670	3.29	Larva	2L:+:47791369-47791369,47791671-47791708	exon=> In CDS Exon 1 and 2 of transcript AGAP007574-PA
JHU_Ag_16322	LEDFSYGTLLR	AGAP007575-PA	-	95	3.95E-09	1	1313.674	0.27	Ovary	2L:-:47792477-47792445	exon=> In CDS Exon 1 of transcript AGAP007575-PA
JHU_Ag_25618	LTPYDDEIYEQFR	AGAP007575-PA	-	68	1.63E-06	1	1688.782	0.74	Ovary	2L:-:47792618-47792580	exon=> In CDS Exon 1 of transcript AGAP007575-PA
JHU_Ag_63810	SDAEEEFRPENAILVVR	AGAP007575-PA	-	47	0.000424652	1	1973.992	-0.26	Malpighian tubule	2L:-:47792444-47792394	exon=> In CDS Exon 1 of transcript AGAP007575-PA
JHU_Ag_101466	SDAEEEFRPENAILVVR	AGAP007575-PA	-	78	3.10E-07	1	1974.002	4.41	Midgut	2L:-:47792444-47792394	exon=> In CDS Exon 1 of transcript AGAP007575-PA
JHU_Ag_103608	SDAEEEFRPENAILVVR	AGAP007575-PA	-	88	3.23E-08	1	1973.995	1.22	Ovary	2L:-:47792444-47792394	exon=> In CDS Exon 1 of transcript AGAP007575-PA
JHU_Ag_37172	LNVLYK	AGAP007576-PA	-	30	0.002840297	1	749.455	-0.97	Head	2L:+:47794468-47794485	exon=> In CDS Exon 4 of transcript AGAP007576-PA
JHU_Ag_113354	ILLLYLNSLAR	AGAP007576-PA	-	52	5.50E-06	2	1288.799	0.45	Midgut	2L:+:47794642-47794674	exon=> In CDS Exon 4 of transcript AGAP007576-PA
JHU_Ag_116351	LENLILK	AGAP007578-PA	-	33	0.002683748	1	842.537	2.52	Salivary gland	2L:-:47798796-47798776	exon=> In CDS Exon 3 of transcript AGAP007578-PA
JHU_Ag_5910	SVAVVIGTVTNDVR	AGAP007580-PB	-	94	3.19E-09	1	1429.805	2.7	Salivary gland	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_7128	SVAVVIGTVTNDVR	AGAP007580-PB	N11(Deamidated)	125	2.72E-12	1	1429.803	1.34	Pupa	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_8881	LNVCALR	AGAP007580-PB	C4(Carbamidomethyl)	46	0.000503347	2	845.466	-0.06	Midgut	2L:-:47803762-47803742	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_14469	IYTFDQLALLSPTGR	AGAP007580-PB	-	111	5.41E-11	1	1694.914	1.32	Male reproductive organs	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_15809	APGVPHSNTRPYVQSK	AGAP007580-PB	-	78	2.21E-07	1	1737.906	1.6	Pupa	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_18158	SLDVYLSLLVK	AGAP007580-PB	-	105	5.12E-11	2	1249.739	-0.96	Midgut	2L:-:47804094-47804062	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_18793	SVAVVIGTVTNDVR	AGAP007580-PB	-	111	6.15E-11	2	1429.803	1.17	Visceras	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_19946	SVAVVIGTVTNDVR	AGAP007580-PB	-	115	2.74E-11	1	1429.802	0.57	Malpighian tubule	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_19983	IYTFDQLALLSPTGR	AGAP007580-PB	-	93	3.35E-09	1	1694.914	1.82	Ovary	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_23946	SVAVVIGTVTNDVR	AGAP007580-PB	-	119	1.06E-11	2	1429.809	5.27	Head	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_28075	APGVPHSNTRPYVQSK	AGAP007580-PB	-	66	3.03E-06	1	1737.904	0.46	Visceras	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_30107	SVAVVIGTVTNDVR	AGAP007580-PB	N11(Deamidated)	107	1.59E-10	1	1429.804	1.76	Male reproductive organs	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_31757	LNVCALR	AGAP007580-PB	C4(Carbamidomethyl)	53	0.000107119	2	845.465	-1	Visceras	2L:-:47803762-47803742	exon=> In CDS Exon 3 of transcript AGAP007580-PB

JHU_Ag_32169	SVAVVIGTVTNDVR	AGAP007580-PB	-	102	5.75E-10	1	1429.802	0.57	Ovary	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_34871	IYTFDQLALLSPTGR	AGAP007580-PB	-	111	4.75E-11	1	1694.915	2.47	Pupa	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_36597	NTVLMQGK	AGAP007580-PB	M5(Oxidation)	42	0.001163561	1	906.471	-0.29	Ovary	2L:-:47803651-47803628	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_37145	VAHLMK	AGAP007580-PB	M5(Oxidation)	36	0.001291778	2	714.397	0.64	Ovary	2L:-:47803861-47803844	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_37615	NTVLMQGKR	AGAP007580-PB	M5(Oxidation)	53	6.67E-05	1	1046.580	2.66	Malpighian tubule	2L:-:47803651-47803625	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_43866	APGVPHSNTRPYVQSK	AGAP007580-PB	-	88	2.08E-08	1	1737.901	-1.49	Midgut	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_45864	TNHPPMSLNR	AGAP007580-PB	M6(Oxidation)	47	0.000278597	3	1166.575	0.92	Malpighian tubule	2L:-:47803891-47803862	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_46356	GIDINHKWDR	AGAP007580-PB	-	40	0.001147049	1	1253.639	0.67	Malpighian tubule	2L:-:47804148-47804119	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_48501	LNVCALR	AGAP007580-PB	C4(Carbamidomethyl)	42	0.00110836	1	845.468	1.89	Malpighian tubule	2L:-:47803762-47803742	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_49180	TNHPPMSLNR	AGAP007580-PB	M6(Oxidation)	35	0.004708165	1	1182.567	-1.27	Larva	2L:-:47803891-47803862	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_49631	SLDVYLSLLVK	AGAP007580-PB	-	71	9.31E-08	2	1249.747	5.29	Malpighian tubule	2L:-:47804094-47804062	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_50926	IYTFDQLALLSPTGR	AGAP007580-PB	-	99	8.72E-10	1	1694.911	0.02	Salivary gland	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_52275	LNVCALR	AGAP007580-PB	C4(Carbamidomethyl)	56	5.47E-05	2	845.466	0.08	Male reproductive organs	2L:-:47803762-47803742	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_55280	TNHPPMSLNR	AGAP007580-PB	-	60	1.41E-05	1	1166.577	2.64	Head	2L:-:47803891-47803862	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_55299	TNHPPMSLNR	AGAP007580-PB	-	61	1.22E-05	1	1166.574	0.44	Pupa	2L:-:47803891-47803862	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_56755	SLDVYLSLLVK	AGAP007580-PB	-	43	5.75E-05	2	1249.746	4.8	Head	2L:-:47804094-47804062	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_58129	APGVPHSNTRPYVQSK	AGAP007580-PB	-	74	4.62E-07	1	1737.909	3.64	Larva	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_58640	APGVPHSNTRPYVQSK	AGAP007580-PB	-	88	1.97E-08	1	1737.905	1.32	Ovary	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_60953	NGGKIYTFDQLALLSPTGR	AGAP007580-PB	N1(Deamidated)	121	4.86E-12	1	2051.104	5.71	Malpighian tubule	2L:-:47803708-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_61718	APGVPHSNTRPYVQSK	AGAP007580-PB	-	76	2.76E-07	1	1737.911	4.27	Head	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_62168	MMDVPK	AGAP007580-PB	M1(Oxidation), M2(Oxidation)	42	0.000419089	2	752.332	0.48	Ovary	2L:-:47803780-47803763	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_62213	APGVPHSNTRPYVQSK	AGAP007580-PB	-	41	0.000920641	1	1737.903	-0.03	Salivary gland	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_64357	SVAVVIGTVTNDVR	AGAP007580-PB	N11(Deamidated)	104	3.00E-10	2	1429.801	0.31	Midgut	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_65264	VAHLMK	AGAP007580-PB	M5(Oxidation)	31	0.003973636	1	714.397	0.04	Male reproductive organs	2L:-:47803861-47803844	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_68243	VAHLMK	AGAP007580-PB	M5(Oxidation)	38	0.00094447	1	714.397	0.32	Head	2L:-:47803861-47803844	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_75112	SVAVVIGTVTNDVR	AGAP007580-PB	N11(Deamidated)	124	3.14E-12	2	1429.802	1	Larva	2L:-:47803822-47803781	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_75548	LNVCALR	AGAP007580-PB	C4(Carbamidomethyl)	41	0.001720604	2	845.468	2.1	Salivary gland	2L:-:47803762-47803742	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_78668	MMDVPK	AGAP007580-PB	M1(Oxidation), M2(Oxidation)	36	0.001292399	2	752.331	-0.42	Male reproductive organs	2L:-:47803780-47803763	exon=> In CDS Exon 3 of transcript AGAP007580-PB

JHU_Ag_80756	IYTFDQLALLSPTGR	AGAP007580-PB	-	105	2.33E-10	2	1694.912	0.38	Midgut	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_81682	IYTFDQLALLSPTGR	AGAP007580-PB	-	107	1.50E-10	1	1694.914	1.32	Head	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_83760	NTVLMQGK	AGAP007580-PB	M5(Oxidation)	51	0.000145475	1	906.471	-0.34	Midgut	2L:-:47803651-47803628	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_85029	TNHPPMSLNR	AGAP007580-PB	M6(Oxidation)	36	0.003616357	3	1182.568	-0.35	Midgut	2L:-:47803891-47803862	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_85151	EVFKHFGR	AGAP007580-PB	-	48	0.000256018	1	1019.543	0.59	Malpighian tubule	2L:-:47803615-47803592	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_88633	IYTFDQLALLSPTGR	AGAP007580-PB	-	114	2.38E-11	1	1694.918	4.13	Larva	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_88966	SLDVYLSLLVK	AGAP007580-PB	-	58	2.42E-06	2	1249.743	2.46	Pupa	2L:-:47804094-47804062	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_96690	TNHPPMSLNR	AGAP007580-PB	M6(Oxidation)	41	0.00110389	1	1182.572	3.22	Visceras	2L:-:47803891-47803862	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_99795	SLDVYLSLLVK	AGAP007580-PB	-	87	2.73E-09	1	1249.743	2.46	Ovary	2L:-:47804094-47804062	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_103378	APGVPHSNTRPYVQSK	AGAP007580-PB	-	91	1.09E-08	1	1737.905	1.11	Malpighian tubule	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_103906	IYTFDQLALLSPTGR	AGAP007580-PB	-	119	7.49E-12	1	1694.915	2.47	Visceras	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_104389	SLDVYLSLLVK	AGAP007580-PB	-	61	1.16E-06	2	1249.742	1.77	Salivary gland	2L:-:47804094-47804062	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_105148	IYTFDQLALLSPTGR	AGAP007580-PB	-	90	6.01E-09	1	1694.915	2.4	Malpighian tubule	2L:-:47803696-47803652	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_107273	VAHLMK	AGAP007580-PB	M5(Oxidation)	31	0.004755411	1	714.397	-0.3	Malpighian tubule	2L:-:47803861-47803844	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_108439	GIDINHKWDR	AGAP007580-PB	-	34	0.004916624	1	1253.642	2.63	Larva	2L:-:47804148-47804119	exon=> In CDS Exon 2 of transcript AGAP007580-PB
JHU_Ag_113040	TNHPPMSLNR	AGAP007580-PB	M6(Oxidation)	40	0.001361212	1	1182.570	1.51	Ovary	2L:-:47803891-47803862	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_116112	APGVPHSNTRPYVQSK	AGAP007580-PB	-	57	2.58E-05	1	1737.907	2.37	Male reproductive organs	2L:-:47803591-47803544	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_117787	LNVCALR	AGAP007580-PB	C4(Carbamidomethyl)	45	0.000693214	2	845.467	1.38	Ovary	2L:-:47803762-47803742	exon=> In CDS Exon 3 of transcript AGAP007580-PB
JHU_Ag_27354	SFTTFQTEVLERHNVYR	AGAP007583-PB,AGAP007583-PA	N-Term(Acetyl)	64	6.02E-06	1	2169.089	7.46	Malpighian tubule	2L:-:47815095-47815098,47814908-47814977;2L:-:47815095-47815098,47814908-47814977	exon=> In CDS Exon 2 and 1 of transcript AGAP007583-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007583-PA
JHU_Ag_36671	GNVLGQFLGNVSR	AGAP007584-PA	-	58	1.91E-05	2	1360.736	1.77	Malpighian tubule	2L:+:47834307-47834345	exon=> In CDS Exon 5 of transcript AGAP007584-PA
JHU_Ag_1836	VLWKWESDHIPNAPPNVLSK	AGAP007588-PA	-	33	0.004920487	1	2330.230	0.36	Malpighian tubule	2L:-:48031633-48031574	exon=> In CDS Exon 2 of transcript AGAP007588-PA
JHU_Ag_49524	NTGNSLGGIVHLFQTQFR	AGAP007588-PA	-	86	2.97E-08	1	1989.032	0.93	Malpighian tubule	2L:-:48032323-48032270	exon=> In CDS Exon 2 of transcript AGAP007588-PA
JHU_Ag_55611	NTGNSLGGIVHLFQTQFR	AGAP007588-PA	-	115	3.57E-11	1	1989.036	2.78	Midgut	2L:-:48032323-48032270	exon=> In CDS Exon 2 of transcript AGAP007588-PA
JHU_Ag_56482	LSKPVPNYR	AGAP007588-PA	-	35	0.002687936	1	1073.613	2.55	Head	2L:-:48032407-48032381	exon=> In CDS Exon 2 of transcript AGAP007588-PA
JHU_Ag_68647	SHVLVGQALLK	AGAP007588-PA	-	50	1.55E-05	2	1164.712	1.5	Malpighian tubule	2L:-:48032551-48032519	exon=> In CDS Exon 1 of transcript AGAP007588-PA
JHU_Ag_74397	GALDFAGR	AGAP007588-PA	-	41	0.001540794	2	806.415	-0.61	Midgut	2L:-:48032041-48032018	exon=> In CDS Exon 2 of transcript AGAP007588-PA

JHU_Ag_75432	AWLPQDDVLAHPNVK	AGAP007588-PA	-	69	1.73E-06	1	1702.898	3.91	Midgut	2L:-:48031573-48031529	exon=> In CDS Exon 2 of transcript AGAP007588-PA
JHU_Ag_94604	GALDFAGR	AGAP007588-PA	-	47	0.000389713	2	806.416	0.07	Malpighian tubule	2L:-:48032041-48032018	exon=> In CDS Exon 2 of transcript AGAP007588-PA
JHU_Ag_111106	SHVLVGQALLK	AGAP007588-PA	-	40	0.000152097	2	1164.710	0.24	Midgut	2L:-:48032551-48032519	exon=> In CDS Exon 1 of transcript AGAP007588-PA
JHU_Ag_2552	WLPQDAILAHPNLK	AGAP007589-PA	-	61	6.28E-06	1	1615.900	2.56	Midgut	2L:-:48033740-48033699	exon=> In CDS Exon 3 of transcript AGAP007589-PA
JHU_Ag_56048	VANTLINGVEK	AGAP007589-PA	-	65	3.92E-06	1	1157.655	2.1	Head	2L:-:48034262-48034230	exon=> In CDS Exon 2 of transcript AGAP007589-PA
JHU_Ag_64290	ILLTYQR	AGAP007589-PA	-	38	0.000786267	2	906.542	1.35	Malpighian tubule	2L:-:48034229-48034209	exon=> In CDS Exon 2 of transcript AGAP007589-PA
JHU_Ag_65408	YKELPYYESNFPAEK	AGAP007589-PA	-	75	6.16E-07	1	1877.904	4.36	Malpighian tubule	2L:-:48034208-48034679,48033195-48034092	exon=> In CDS Exon 3 and 2 of transcript AGAP007589-PA
JHU_Ag_71098	DGAIFISFGSNLR	AGAP007589-PA	-	50	0.000151164	2	1396.728	4.34	Midgut	2L:-:48033908-48033870	exon=> In CDS Exon 3 of transcript AGAP007589-PA
JHU_Ag_72082	YKELPYYESNFPAEK	AGAP007589-PA	-	38	0.003033684	1	1877.900	2.29	Head	2L:-:48034208-48034679,48033195-48034092	exon=> In CDS Exon 3 and 2 of transcript AGAP007589-PA
JHU_Ag_83039	VANTLINGVEK	AGAP007589-PA	-	36	0.003115848	2	1157.655	2.31	Ovary	2L:-:48034262-48034230	exon=> In CDS Exon 2 of transcript AGAP007589-PA
JHU_Ag_90427	GHEVTMVSAFPLK	AGAP007589-PA	M6(Oxidation)	53	9.01E-05	2	1431.730	-0.08	Midgut	2L:-:48034771-48034951,48034186-48034650	exon=> In CDS Exon 2 and 1 of transcript AGAP007589-PA
JHU_Ag_37026	FDSLIRK	AGAP007590-PA	-	33	0.005975971	1	878.511	2.06	Malpighian tubule	2L:+:48042308-48042316,48042390-48042401	exon=> In CDS Exon 3 and 4 of transcript AGAP007590-PA
JHU_Ag_41032	VYLILK	AGAP007592-PA	-	20	0.003532385	1	748.496	-0.58	Midgut	2L:-:48065771-48065754	exon=> In CDS Exon 4 of transcript AGAP007592-PA
JHU_Ag_32897	NHPEHMQK	AGAP007593-PA	M6(Oxidation)	38	0.001633585	1	1036.462	-0.7	Head	2L:-:48090087-48090163,48086521-48086530	exon=> In CDS Exon 6 and 5 of transcript AGAP007593-PA
JHU_Ag_567	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	96	1.54E-09	1	1782.988	-1.23	Pupa	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_1271	LSTFFESCGVADLITTCYGGR	AGAP007593-PB,AGAP007593-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	94	4.31E-09	2	2354.086	3.07	Salivary gland	2L:-:48090525-48091050,48090235-48090381;2L:-:48090525-48091050,48090235-48090381	exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PA
JHU_Ag_3210	ICTGTVKPQGFLDCLR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	114	5.96E-11	1	1864.944	1.42	Visceras	2L:-:48090135-48090088;2L:-:48090135-48090088	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_3334	LSTFFESCGVADLITTCYGGR	AGAP007593-PB,AGAP007593-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	81	8.92E-08	2	2354.082	1.1	Pupa	2L:-:48090525-48091050,48090235-48090381;2L:-:48090525-48091050,48090235-48090381	exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PA

JHU_Ag_3438	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	57	2.90E-05	1	886.534	-1.58	Head	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_3975	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	61	1.05E-05	1	886.537	1.03	Malpighian tubule	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_4820	FPLFTAIHK	AGAP007593-PB,AGAP007593-PA	-	41	0.000782413	1	1073.616	1.85	Visceras	2L:-:48090162-48090136;2L:-:48090162-48090136	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_5656	IPCSVLMGANLAGEVAEEK	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl),M7(Oxidation)"	154	6.70E-15	1	1987.993	5.15	Salivary gland	2L:-:48090843-48090787;2L:-:48090843-48090787	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_5679	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	62	2.00E-07	1	1239.803	-0.61	Midgut	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_5951	FPLFTAIHK	AGAP007593-PB,AGAP007593-PA	-	62	6.69E-06	1	1073.615	1.01	Pupa	2L:-:48090162-48090136;2L:-:48090162-48090136	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_5989	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	101	4.25E-10	1	1639.907	3.35	Malpighian tubule	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_6074	VTMYVYEEMIDGK	AGAP007593-PB,AGAP007593-PA	M3(Oxidation),"M3(Oxidation),M9(Oxidation)",M9(Oxidation)	91	7.97E-09	1	1593.717	-0.46	Midgut	2L:-:48093300-48093262;2L:-:48093300-48093262	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_6693	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	N4(Deamidated)	99	6.88E-10	1	1649.912	0.65	Pupa	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_7178	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	M9(Oxidation)	104	7.65E-10	1	1617.815	-0.44	Head	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_7301	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	100	6.33E-10	1	1639.902	0.06	Salivary gland	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_8885	DLFLTPNFR	AGAP007593-PB,AGAP007593-PA	-	40	0.001484297	1	1122.594	-0.25	Visceras	2L:-:48090732-48090706;2L:-:48090732-48090706	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_9794	LSTFFESCGVADLITTCYGGR	AGAP007593-PB,AGAP007593-PA	C8(Carbamidomethyl),C17(Carbamidomethyl)	88	2.00E-08	2	2354.087	3.38	Midgut	2L:-:48090525-48091050,48090235-48090381;2L:-:48090525-48091050,48090235-48090381	exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PA

JHU_Ag_9863	IAQTLR	AGAP007593-PB,AGAP007593-PA	-	37	0.001830134	2	701.430	-0.89	Head	2L:-:48090750-48090733;2L:-:48090750-48090733	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_11195	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	M9(Oxidation)	76	3.76E-07	2	1633.818	4.7	Larva	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_11380	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	71	4.68E-07	1	1649.912	0.5	Male reproductive organs	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_11430	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	177	3.18E-17	1	1990.000	2.29	Head	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_11680	GMEDKFPLFTAIHK	AGAP007593-PB,AGAP007593-PA	M2(Oxidation)	88	2.84E-08	1	1649.835	-0.19	Salivary gland	2L:-:48090248-48090388,48090067-48090136;2L:-:48090248-48090388,48090071-48090136	exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PA
JHU_Ag_12377	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	44	0.000482894	1	1158.586	2.93	Malpighian tubule	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_14092	VCIVGSGNWGSAIAK	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl)	119	2.38E-11	1	1518.777	2.06	Visceras	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PA
JHU_Ag_14719	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	M9(Oxidation), Q13(Deamidated),M9(Oxidation),"M9(Oxidation), N11(Deamidated)"	93	7.70E-09	1	1633.812	0.96	Male reproductive organs	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_15351	GMEDKFPLFTAIHK	AGAP007593-PB,AGAP007593-PA	M2(Oxidation)	37	0.0030166	2	1649.841	3.15	Midgut	2L:-:48090248-48090388,48090067-48090136;2L:-:48090248-48090388,48090071-48090136	exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PA
JHU_Ag_16392	NIVACGAGFVDGMGLGDNTK	AGAP007593-PB,AGAP007593-PA	C5(Carbamidomethyl), M13(Oxidation),C5(Carbamidomethyl)	135	4.16E-13	1	2011.925	1.64	Head	2L:-:48090654-48090595;2L:-:48090654-48090595	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_17280	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	152	1.15E-14	1	1974.005	2.64	Visceras	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA

JHU_Ag_18457	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	67	7.59E-08	1	1239.805	1.15	Head	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_19457	ICTGTVKPQGFLDCLR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	42	0.000908523	1	1864.948	3.84	Ovary	2L:-:48090135-48090088;2L:-:48090135-48090088	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_20249	FCETTIGCR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	60	5.54E-06	1	1143.496	2.92	Malpighian tubule	2L:-:48090786-48090760;2L:-:48090786-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_21274	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	96	1.31E-09	1	1782.998	4.52	Larva	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_22239	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	132	1.01E-12	1	1990.004	4.62	Larva	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_22262	LSTFFESCGVADLITTCYGGR	AGAP007593-PB,AGAP007593-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	78	1.75E-07	2	2354.089	4.11	Head	2L:-:48090525-48091050,48090235-48090381;2L:-:48090525-48091050,48090235-48090381	exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PA
JHU_Ag_22726	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	98	8.38E-10	1	1649.915	2.57	Visceras	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_22876	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	102	5.92E-10	1	1511.806	-0.57	Ovary	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_23250	NIVACGAGFVDGMGLGDNTK	AGAP007593-PB,AGAP007593-PA	C5(Carbamidomethyl), M13(Oxidation),C5(Carbamidomethyl)	138	1.99E-13	1	2011.921	0	Visceras	2L:-:48090654-48090595;2L:-:48090654-48090595	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_23291	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	61	9.42E-06	1	886.538	2.55	Larva	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_23706	ICTGTVKPQGFLDCLR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	42	0.000875726	1	1864.941	0	Male reproductive organs	2L:-:48090135-48090088;2L:-:48090135-48090088	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_23861	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	52	7.72E-05	1	1158.584	0.55	Male reproductive organs	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_25617	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	83	2.21E-08	1	1783.000	5.65	Malpighian tubule	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA

JHU_Ag_26665	FPLFTAIHK	AGAP007593-PB,AGAP007593-PA	-	66	2.26E-06	1	1073.618	3.32	Malpighian tubule	2L:-:48090162-48090136;2L:-:48090162-48090136	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_27125	VCIVGSGNWGSAIAK	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl)	121	1.54E-11	1	1518.781	4.87	Malpighian tubule	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PA
JHU_Ag_28178	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	101	1.03E-09	1	1689.892	2.31	Pupa	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_28459	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	58	2.27E-05	2	1705.882	-0.88	Larva	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_28565	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	128	2.19E-12	1	1689.893	2.6	Visceras	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_28795	VCIVGSGNWGSAIAK	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl)	130	1.69E-12	1	1518.774	0.29	Salivary gland	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PA
JHU_Ag_30110	LATFEDR	AGAP007593-PB,AGAP007593-PA	-	39	0.001987097	2	851.425	-0.76	Pupa	2L:-:48093321-48093301;2L:-:48093321-48093301	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_30647	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	M9(Oxidation)	109	2.51E-10	1	1617.816	0.69	Salivary gland	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_31416	VSEAFVK	AGAP007593-PB,AGAP007593-PA	-	39	0.001768647	2	779.430	0.12	Visceras	2L:-:48090371-48090351;2L:-:48090371-48090351	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_31729	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	51	0.000106555	1	1158.585	1.88	Pupa	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_33384	FPLFTAIHK	AGAP007593-PB,AGAP007593-PA	-	63	4.03E-06	1	1073.615	0.71	Head	2L:-:48090162-48090136;2L:-:48090162-48090136	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_33680	IPCSVLMGANLAGEVAEEK	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl),M7(Oxidation)"	154	6.47E-15	1	1987.989	3.31	Malpighian tubule	2L:-:48090843-48090787;2L:-:48090843-48090787	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA

JHU_Ag_34733	GMEDKFPLFTAIHK	AGAP007593-PB,AGAP007593-PA	M2(Oxidation)	71	1.42E-06	1	1633.837	-2.03	Visceras	2L:-:48090248-48090388,48090067-48090136;2L:-:48090248-48090388,48090071-48090136	exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PA
JHU_Ag_39475	LATFEDR	AGAP007593-PB,AGAP007593-PA	-	42	0.000874158	2	851.429	3.33	Visceras	2L:-:48093321-48093301;2L:-:48093321-48093301	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_40815	LGLMEMIK	AGAP007593-PB,AGAP007593-PA	M4(Oxidation), M6(Oxidation)	58	2.17E-05	2	934.510	0.29	Visceras	2L:-:48090579-48090556;2L:-:48090579-48090556	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_41348	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	M9(Oxidation)	103	8.60E-10	1	1633.806	-2.48	Ovary	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_42530	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	114	7.99E-11	1	1974.000	-0.02	Midgut	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_45285	DLFLTPNFR	AGAP007593-PB,AGAP007593-PA	-	34	0.003857499	1	1122.598	2.95	Malpighian tubule	2L:-:48090732-48090706;2L:-:48090732-48090706	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_45712	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	100	1.58E-09	1	1989.997	1.19	Salivary gland	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_46179	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	57	2.70E-05	2	886.536	-0.21	Pupa	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_46776	VTMYVYEEMIDGK	AGAP007593-PB,AGAP007593-PA	M3(Oxidation), M9(Oxidation)	77	1.93E-07	2	1609.720	4.6	Larva	2L:-:48093300-48093262;2L:-:48093300-48093262	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_46928	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	51	9.82E-05	2	886.536	0.48	Salivary gland	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_47088	GMEDKFPLFTAIHK	AGAP007593-PB,AGAP007593-PA	M2(Oxidation)	84	5.98E-08	1	1633.846	3.34	Malpighian tubule	2L:-:48090248-48090388,48090067-48090136;2L:-:48090248-48090388,48090071-48090136	exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PA
JHU_Ag_47360	FCETTIGCR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	59	6.64E-06	1	1143.492	-0.17	Midgut	2L:-:48090786-48090760;2L:-:48090786-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_47589	VVVVDDVDAVEICGALK	AGAP007593-PB,AGAP007593-PA	C13(Carbamidomethyl)	143	6.14E-14	2	1800.949	4.3	Visceras	2L:-:48090705-48090655;2L:-:48090705-48090655	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA

JHU_Ag_48804	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	34	0.00495281	2	886.534	-1.72	Midgut	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_49109	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	109	7.45E-11	1	1639.901	-0.15	Pupa	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_49790	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	63	4.54E-06	1	1511.809	1.77	Male reproductive organs	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_50150	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	106	1.60E-10	1	1649.914	1.76	Ovary	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_50683	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	103	4.72E-10	1	1511.809	1.45	Malpighian tubule	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_52189	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	45	0.00014765	3	1639.906	2.85	Larva	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_52589	NIVACGAGFVDGMGLGDNTK	AGAP007593-PB,AGAP007593-PA	C5(Carbamidomethyl), M13(Oxidation)	145	3.66E-14	1	2011.925	1.64	Salivary gland	2L:-:48090654-48090595;2L:-:48090654-48090595	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_52876	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	53	1.87E-06	1	1239.808	3.38	Larva	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_54180	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	121	1.16E-11	1	1990.000	2.42	Male reproductive organs	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_54258	ICTGTVKPQGFLDCLR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	82	8.46E-08	1	1864.945	2.07	Pupa	2L:-:48090135-48090088;2L:-:48090135-48090088	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_54884	NIVACGAGFVDGMGLGDNTK	AGAP007593-PB,AGAP007593-PA	C5(Carbamidomethyl), M13(Oxidation),C5(Carbamidomethyl)	143	7.85E-14	2	1995.926	-0.22	Midgut	2L:-:48090654-48090595;2L:-:48090654-48090595	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_55309	NIVACGAGFVDGMGLGDNTK	AGAP007593-PB,AGAP007593-PA	C5(Carbamidomethyl), M13(Oxidation),C5(Carbamidomethyl)	182	9.06E-18	1	1995.930	1.98	Malpighian tubule	2L:-:48090654-48090595;2L:-:48090654-48090595	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_55374	VVVVDDVDAVEICGALK	AGAP007593-PB,AGAP007593-PA	C13(Carbamidomethyl)	119	1.62E-11	2	1800.942	0.36	Midgut	2L:-:48090705-48090655;2L:-:48090705-48090655	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA

JHU_Ag_55687	VVVVDDVDAVEICGALK	AGAP007593-PB,AGAP007593-PA	C13(Carbamidomethyl)	89	1.82E-08	2	1800.947	3.21	Head	2L:-:48090705-48090655;2L:-:48090705-48090655	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_55832	LSTFFESCGVADLITTCYGGR	AGAP007593-PB,AGAP007593-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	115	3.59E-11	1	2354.085	2.55	Malpighian tubule	2L:-:48090525-48091050,48090235-48090381;2L:-:48090525-48091050,48090235-48090381	exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PA
JHU_Ag_56011	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	109	8.13E-11	1	1639.904	1.56	Head	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_56560	ICTGTVKPQGFLDCLR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	94	6.33E-09	1	1864.950	4.62	Malpighian tubule	2L:-:48090135-48090088;2L:-:48090135-48090088	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_57149	IPCSVLMGANLAGEVAEEKFCETTIGCR	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl), M7(Oxidation), C21(Carbamidomethyl), C27(Carbamidomethyl),"C3(Carbamidomethyl), C21(Carbamidomethyl), C27(Carbamidomethyl)"	204	4.95E-20	1	3128.457	1.53	Visceras	2L:-:48090843-48090760;2L:-:48090843-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_58288	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	45	0.000353822	2	1158.582	-0.82	Ovary	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_58618	IPCSVLMGANLAGEVAEEK	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M7(Oxidation)"	155	5.89E-15	1	2003.979	0.4	Midgut	2L:-:48090843-48090787;2L:-:48090843-48090787	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_60267	IAQTLR	AGAP007593-PB,AGAP007593-PA	-	43	0.000595656	2	701.431	1.37	Visceras	2L:-:48090750-48090733;2L:-:48090750-48090733	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_60869	VSEAFVK	AGAP007593-PB,AGAP007593-PA	-	32	0.004239728	2	779.429	-1.05	Pupa	2L:-:48090371-48090351;2L:-:48090371-48090351	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_61029	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	62	6.84E-06	2	1511.811	3.06	Larva	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_62225	KVSEAFVK	AGAP007593-PB,AGAP007593-PA	-	51	4.66E-05	2	907.524	-0.97	Midgut	2L:-:48090374-48090351;2L:-:48090374-48090351	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA

JHU_Ag_62388	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	114	5.68E-11	1	1705.892	5.13	Salivary gland	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_63145	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	107	1.18E-10	1	1649.913	1.39	Malpighian tubule	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_63792	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	58	1.04E-05	1	1649.913	1.02	Larva	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_64412	LGLMEMIKFVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	M4(Oxidation), M6(Oxidation)	90	1.51E-08	1	2106.071	2.98	Malpighian tubule	2L:-:48090579-48090526;2L:-:48090579-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_64927	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	77	7.26E-09	1	1239.807	3.12	Visceras	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_65001	VTMYVYEEMIDGKK	AGAP007593-PB,AGAP007593-PA	-	72	1.15E-06	1	1705.821	2.1	Visceras	2L:-:48093300-48093259;2L:-:48093300-48093259	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_65297	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	45	0.000473265	1	1158.583	-0.13	Head	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_65756	LGLMEMIK	AGAP007593-PB,AGAP007593-PA	M4(Oxidation), M6(Oxidation)	49	0.000156052	2	934.512	2.12	Salivary gland	2L:-:48090579-48090556;2L:-:48090579-48090556	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_66770	NIVACGAGFVDGMGLGDNTK	AGAP007593-PB,AGAP007593-PA	C5(Carbamidomethyl), M13(Oxidation),C5(Carbamidomethyl)	145	3.44E-14	1	2011.922	0.43	Pupa	2L:-:48090654-48090595;2L:-:48090654-48090595	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_66798	IAQTLR	AGAP007593-PB,AGAP007593-PA	-	36	0.002811874	2	701.432	2.76	Malpighian tubule	2L:-:48090750-48090733;2L:-:48090750-48090733	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_67672	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	59	4.40E-07	1	1239.804	0.35	Salivary gland	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_68535	IPCSVLMGANLAGEVAEEK	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M7(Oxidation)"	163	8.48E-16	1	1987.984	0.73	Visceras	2L:-:48090843-48090787;2L:-:48090843-48090787	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA

JHU_Ag_69061	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	86	1.37E-08	1	1649.917	3.54	Midgut	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_69421	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	102	3.36E-10	1	1649.915	2.2	Salivary gland	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_70700	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	71	1.55E-06	1	1974.006	3.04	Malpighian tubule	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_70719	RLATFEDR	AGAP007593-PB,AGAP007593-PA	-	42	0.001126364	2	1007.527	0.1	Visceras	2L:-:48093324-48093301;2L:-:48093324-48093301	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_71117	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	Q13(Deamidated),M9(Oxidation),N11(Deamidated)	93	8.50E-09	1	1633.809	-0.68	Midgut	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_71355	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	Q13(Deamidated),M9(Oxidation),N11(Deamidated),"M9(Oxidation),N11(Deamidated)"	104	5.98E-10	1	1633.810	0.14	Visceras	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_71380	IPCSVLMGANLAGEVAEEK	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl),M7(Oxidation)	121	1.47E-11	1	2003.986	4.3	Male reproductive organs	2L:-:48090843-48090787;2L:-:48090843-48090787	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_71627	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	90	5.41E-09	1	1782.992	1.14	Salivary gland	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_72131	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	42	0.000851315	2	886.536	0.21	Male reproductive organs	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_73659	LGLMEMIK	AGAP007593-PB,AGAP007593-PA	M4(Oxidation),M6(Oxidation)	64	4.71E-06	1	934.509	-0.89	Pupa	2L:-:48090579-48090556;2L:-:48090579-48090556	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_74535	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	118	2.36E-11	1	1705.890	3.84	Male reproductive organs	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_74953	LPENVVAVPDVVEAAKDADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	82	1.18E-08	1	3413.892	2.61	Pupa	2L:-:48093201-48093364,48090471-48090973;2L:-:48093201-48093364,48090471-48090973	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA

JHU_Ag_75490	VTMYVYEEMIDGK	AGAP007593-PB,AGAP007593-PA	M3(Oxidation),M9(Oxidation)	87	2.02E-08	2	1577.725	1.65	Pupa	2L:-:48093300-48093262;2L:-:48093300-48093262	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_75998	LGLMEMIK	AGAP007593-PB,AGAP007593-PA	M4(Oxidation), M6(Oxidation),M4(Oxidation)	42	0.000872116	2	950.505	-0.47	Midgut	2L:-:48090579-48090556;2L:-:48090579-48090556	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_77860	VCIVGSGNWGSAIAK	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl)	118	2.52E-11	1	1518.775	1.02	Pupa	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PA
JHU_Ag_78250	YLPGHKLPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	44	0.000135301	1	2345.293	2.63	Pupa	2L:-:48093219-48093364,48090471-48091018;2L:-:48093219-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_78875	KVSEAFVK	AGAP007593-PB,AGAP007593-PA	-	52	3.96E-05	2	907.524	-1.17	Pupa	2L:-:48090374-48090351;2L:-:48090374-48090351	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_79576	GLGTQLLGK	AGAP007593-PB,AGAP007593-PA	-	71	9.51E-07	2	886.538	2.07	Visceras	2L:-:48090972-48090946;2L:-:48090972-48090946	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_80066	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	50	0.000137575	1	1158.584	0.51	Midgut	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_81288	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	47	0.000243747	1	1158.587	3.56	Salivary gland	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_81302	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	108	2.29E-10	1	1705.890	3.98	Malpighian tubule	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_82432	VTMYVYEEMIDGK	AGAP007593-PB,AGAP007593-PA	M3(Oxidation),M9(Oxidation)	83	5.03E-08	2	1577.727	3.04	Head	2L:-:48093300-48093262;2L:-:48093300-48093262	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_82646	LSTFFESCGVADLITTCYGGR	AGAP007593-PB,AGAP007593-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	125	3.77E-12	2	2354.086	2.76	Visceras	2L:-:48090525-48091050,48090235-48090381;2L:-:48090525-48091050,48090235-48090381	exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007593-PA
JHU_Ag_83352	VCIVGSGNWGSAIAK	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl)	98	2.50E-09	1	1518.775	1.18	Male reproductive organs	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PA

JHU_Ag_84040	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	114	5.72E-11	1	1705.881	-0.96	Ovary	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_85043	DLFLTPNFR	AGAP007593-PB,AGAP007593-PA	-	41	0.001335121	1	1122.595	0.41	Midgut	2L:-:48090732-48090706;2L:-:48090732-48090706	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_85118	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	104	2.07E-10	1	1782.990	-0.09	Midgut	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_85358	VTMYVYEEMIDGK	AGAP007593-PB,AGAP007593-PA	M3(Oxidation), M9(Oxidation),M9(Oxidation)	100	1.24E-09	1	1577.726	2.27	Visceras	2L:-:48093300-48093262;2L:-:48093300-48093262	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_87152	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	73	4.87E-07	1	1511.805	-0.73	Midgut	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_87221	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	88	1.55E-08	1	1511.807	0.32	Salivary gland	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_88117	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	Q13(Deamidated),"M9(Oxidation), Q13(Deamidated)",M9(Oxidation),N11(Deamidated),"M9(Oxidation), N11(Deamidated)"	105	5.45E-10	2	1634.794	-0.39	Pupa	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_89570	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	-	105	4.46E-10	1	1689.889	0.36	Midgut	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_90677	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	92	6.45E-09	1	1511.809	1.77	Head	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_91769	LGLMEMIK	AGAP007593-PB,AGAP007593-PA	-	38	0.001814695	2	934.510	-0.17	Head	2L:-:48090579-48090556;2L:-:48090579-48090556	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_93007	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	58	5.68E-07	1	1239.803	-0.83	Male reproductive organs	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_93363	VVVVDDVDAVEICGALK	AGAP007593-PB,AGAP007593-PA	C13(Carbamidomethyl)	118	2.02E-11	2	1800.950	4.7	Salivary gland	2L:-:48090705-48090655;2L:-:48090705-48090655	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_95017	YLPGHKLPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	29	0.003363737	1	2345.299	5.21	Visceras	2L:-:48093219-48093364,48090471-48091018;2L:-:48093219-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA

JHU_Ag_95336	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	110	5.86E-11	1	1639.903	0.96	Visceras	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_96869	FCETTIGCR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	60	4.50E-06	1	1143.491	-1.13	Head	2L:-:48090786-48090760;2L:-:48090786-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_96892	LPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	86	1.72E-08	1	1649.908	-1.86	Head	2L:-:48093201-48093364,48090471-48091018;2L:-:48093201-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_97673	LPENVVAVPDVVEAAKDADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	29	0.002173556	1	3413.898	4.4	Visceras	2L:-:48093201-48093364,48090471-48090973;2L:-:48093201-48093364,48090471-48090973	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_98411	IPCSVLMGANLAGEVAEEK	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M7(Oxidation)"	168	2.36E-16	1	1987.989	2.88	Head	2L:-:48090843-48090787;2L:-:48090843-48090787	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_98717	YLPGHKLPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	57	6.89E-06	1	2345.294	3.02	Malpighian tubule	2L:-:48093219-48093364,48090471-48091018;2L:-:48093219-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_99422	RLATFEDR	AGAP007593-PB,AGAP007593-PA	-	39	0.002083742	2	1007.524	-2.68	Head	2L:-:48093324-48093301;2L:-:48093324-48093301	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_100012	DLFLTPNFR	AGAP007593-PB,AGAP007593-PA	-	44	0.000408704	1	1122.596	1.93	Pupa	2L:-:48090732-48090706;2L:-:48090732-48090706	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_100988	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	100	1.04E-09	1	1511.803	-2.18	Pupa	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_101204	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	83	2.70E-08	1	1639.913	7.22	Ovary	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_101216	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	96	1.43E-09	1	1782.995	2.47	Head	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_101452	ICTGTVKPQGFLDCLR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	62	9.22E-06	1	1864.952	5.93	Head	2L:-:48090135-48090088;2L:-:48090135-48090088	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA

JHU_Ag_101604	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	77	7.69E-09	1	1239.803	-0.75	Pupa	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_101750	IAQTLRDLFLTPNFR	AGAP007593-PB,AGAP007593-PA	-	73	1.90E-07	1	1805.017	5.8	Malpighian tubule	2L:-:48090750-48090706;2L:-:48090750-48090706	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_101864	IPCSVLMGANLAGEVAEEKFCETTIGCR	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl), M7(Oxidation), C21(Carbamidomethyl), C27(Carbamidomethyl)	69	1.78E-06	1	3128.461	2.93	Salivary gland	2L:-:48090843-48090760;2L:-:48090843-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_102440	VTMYVYEEMIDGKK	AGAP007593-PB,AGAP007593-PA	M3(Oxidation), M9(Oxidation),M9(Oxidation)	54	5.73E-05	1	1737.806	-0.8	Midgut	2L:-:48093300-48093259;2L:-:48093300-48093259	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_102506	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	97	8.49E-10	1	1782.998	4.56	Visceras	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_103490	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	54	1.32E-06	1	1239.804	0.5	Ovary	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_103576	KLTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	108	7.90E-11	1	1639.911	6.03	Midgut	2L:-:48093261-48093220;2L:-:48093261-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_104157	DLFLTPNFR	AGAP007593-PB,AGAP007593-PA	-	40	0.001463931	1	1122.594	-0.31	Male reproductive organs	2L:-:48090732-48090706;2L:-:48090732-48090706	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_104623	FVDVFYPGSK	AGAP007593-PB,AGAP007593-PA	-	55	4.33E-05	2	1158.587	3.71	Visceras	2L:-:48090555-48090526;2L:-:48090555-48090526	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_105152	LGLMEMIK	AGAP007593-PB,AGAP007593-PA	M4(Oxidation), M6(Oxidation)	42	0.000767838	2	966.500	-0.31	Ovary	2L:-:48090579-48090556;2L:-:48090579-48090556	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_105993	YLPGHKLPENVVAVPDVVEAAK	AGAP007593-PB,AGAP007593-PA	-	44	0.000128618	1	2345.293	2.86	Salivary gland	2L:-:48093219-48093364,48090471-48091018;2L:-:48093219-48093364,48090471-48091018	exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007593-PA
JHU_Ag_107323	VCIVGSGNWGSAIAK	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl)	98	2.70E-09	1	1518.773	-0.59	Midgut	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PA

JHU_Ag_108638	ICTGTVKPQGFLDCLR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	83	7.45E-08	1	1864.940	-0.39	Salivary gland	2L:-:48090135-48090088;2L:-:48090135-48090088	exon=> In CDS Exon 5 of transcript AGAP007593-PB;exon=> In CDS Exon 5 of transcript AGAP007593-PA
JHU_Ag_108642	GMEDKFPLFTAIHK	AGAP007593-PB,AGAP007593-PA	-	66	4.29E-06	1	1633.840	-0.47	Pupa	2L:-:48090248-48090388,48090067-48090136;2L:-:48090248-48090388,48090071-48090136	exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP007593-PA
JHU_Ag_108828	DADILIFVVPHQFIR	AGAP007593-PB,AGAP007593-PA	-	94	1.97E-09	1	1782.988	-1.43	Ovary	2L:-:48091017-48090973;2L:-:48091017-48090973	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_108833	LQGPITAEEVNFMLK	AGAP007593-PB,AGAP007593-PA	M13(Oxidation)	88	2.26E-08	2	1705.886	1.55	Head	2L:-:48090299-48090255;2L:-:48090299-48090255	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_110231	IKPTAVGLSLIK	AGAP007593-PB,AGAP007593-PA	-	64	1.56E-07	1	1239.803	-0.23	Malpighian tubule	2L:-:48090945-48090910;2L:-:48090945-48090910	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_110511	IPCSVLMGANLAGEVAEEKFCETTIGCR	AGAP007593-PB,AGAP007593-PA	C3(Carbamidomethyl), C21(Carbamidomethyl), C27(Carbamidomethyl)	132	9.29E-13	1	3112.466	2.68	Malpighian tubule	2L:-:48090843-48090760;2L:-:48090843-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_110664	LATFEDR	AGAP007593-PB,AGAP007593-PA	-	42	0.000973238	2	851.425	-0.68	Midgut	2L:-:48093321-48093301;2L:-:48093321-48093301	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_111630	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	90	1.58E-08	1	1974.008	4.15	Pupa	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_112052	KVSEAFVK	AGAP007593-PB,AGAP007593-PA	-	41	0.000412442	2	907.527	1.99	Malpighian tubule	2L:-:48090374-48090351;2L:-:48090374-48090351	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_112290	VCIVGSGNWGSAIAK	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl)	74	7.05E-07	2	1518.778	2.79	Head	2L:-:48094174-48094192,48093187-48093346;2L:-:48094174-48094192,48093187-48093346	exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007593-PA
JHU_Ag_112813	TIVELENEMLNGQK	AGAP007593-PB,AGAP007593-PA	Q13(Deamidated),"M9(Oxidation), Q13(Deamidated)",M9(Oxidation),N11(Deamidated),"M9(Oxidation), N11(Deamidated)"	104	6.68E-10	1	1617.821	3.56	Malpighian tubule	2L:-:48090341-48090300;2L:-:48090341-48090300	exon=> In CDS Exon 4 of transcript AGAP007593-PB;exon=> In CDS Exon 4 of transcript AGAP007593-PA
JHU_Ag_113069	LTEIINTTHENVK	AGAP007593-PB,AGAP007593-PA	-	101	8.67E-10	1	1511.811	2.9	Visceras	2L:-:48093258-48093220;2L:-:48093258-48093220	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA

JHU_Ag_114418	FCETTIGCR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	65	1.62E-06	1	1143.493	0.47	Visceras	2L:-:48090786-48090760;2L:-:48090786-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_115184	NIVACGAGFVDGMGLGDNTK	AGAP007593-PB,AGAP007593-PA	C5(Carbamidomethyl), M13(Oxidation)	80	1.23E-07	1	2011.922	0.37	Male reproductive organs	2L:-:48090654-48090595;2L:-:48090654-48090595	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_116314	VTMYVYEEMIDGK	AGAP007593-PB,AGAP007593-PA	M3(Oxidation), M9(Oxidation)	39	0.000908018	2	1609.707	-3.21	Male reproductive organs	2L:-:48093300-48093262;2L:-:48093300-48093262	exon=> In CDS Exon 2 of transcript AGAP007593-PB;exon=> In CDS Exon 2 of transcript AGAP007593-PA
JHU_Ag_117262	FCETTIGCR	AGAP007593-PB,AGAP007593-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	51	4.27E-05	1	1143.493	0.68	Salivary gland	2L:-:48090786-48090760;2L:-:48090786-48090760	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_117560	GFDVAEGGGMELISHLITK	AGAP007593-PB,AGAP007593-PA	M10(Oxidation)	39	0.001949186	1	1989.998	1.58	Ovary	2L:-:48090909-48090853;2L:-:48090909-48090853	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_117600	LGLMEMIK	AGAP007593-PB,AGAP007593-PA	-	58	1.87E-05	1	934.512	2.38	Malpighian tubule	2L:-:48090579-48090556;2L:-:48090579-48090556	exon=> In CDS Exon 3 of transcript AGAP007593-PB;exon=> In CDS Exon 3 of transcript AGAP007593-PA
JHU_Ag_38276	HYHTESELIR	AGAP007594-PA	-	32	0.007785227	2	1284.633	0.25	Head	2L:-:48096090-48096061	exon=> In CDS Exon 1 of transcript AGAP007594-PA
JHU_Ag_8094	ELDGYVGFANLPNQVYR	AGAP007596-PA	-	76	3.04E-07	1	1954.964	-0.98	Head	2L:-:48111613-48111563	exon=> In CDS Exon 3 of transcript AGAP007596-PA
JHU_Ag_18930	KALELQIR	AGAP007596-PA	-	39	0.000527702	2	970.604	-0.15	Midgut	2L:-:48109329-48109492,48109092-48109205	exon=> In CDS Exon 8 and 7 of transcript AGAP007596-PA
JHU_Ag_19322	DVTNNVHYENYR	AGAP007596-PA	-	71	7.96E-07	2	1523.689	1.24	Head	2L:-:48110538-48110503	exon=> In CDS Exon 6 of transcript AGAP007596-PA
JHU_Ag_24713	ADTLTPEEITLFK	AGAP007596-PA	-	50	0.000130057	2	1477.782	2.13	Head	2L:-:48111008-48110970	exon=> In CDS Exon 4 of transcript AGAP007596-PA
JHU_Ag_64020	YEEYLTAESR	AGAP007596-PA	-	55	2.84E-05	1	1260.569	-4	Head	2L:-:48111182-48111153	exon=> In CDS Exon 4 of transcript AGAP007596-PA
JHU_Ag_65334	STLINSMFLSDIYHAEQHPGPSK	AGAP007596-PA	M7(Oxidation)	77	3.34E-07	1	2588.248	1.19	Head	2L:-:48111499-48111431	exon=> In CDS Exon 3 of transcript AGAP007596-PA
JHU_Ag_70202	LKDSEAELTR	AGAP007596-PA	-	40	0.001809461	1	1161.613	1.33	Head	2L:-:48109377-48109348	exon=> In CDS Exon 7 of transcript AGAP007596-PA
JHU_Ag_83243	KALELQIR	AGAP007596-PA	-	47	8.30E-05	2	970.607	2.93	Larva	2L:-:48109329-48109492,48109092-48109205	exon=> In CDS Exon 8 and 7 of transcript AGAP007596-PA
JHU_Ag_84861	AEWEQQNGVTLDELR	AGAP007596-PA	-	61	1.37E-05	2	1787.857	0.64	Head	2L:-:48109165-48109121	exon=> In CDS Exon 8 of transcript AGAP007596-PA
JHU_Ag_86119	ELDGYVGFANLPNQVYR	AGAP007596-PA	-	50	0.000119457	2	1954.965	-0.54	Ovary	2L:-:48111613-48111563	exon=> In CDS Exon 3 of transcript AGAP007596-PA
JHU_Ag_98546	TNLQDLKDVTNNVHYENYR	AGAP007596-PA	-	108	2.58E-10	1	2336.141	6.24	Malpighian tubule	2L:-:48110559-48110503	exon=> In CDS Exon 6 of transcript AGAP007596-PA
JHU_Ag_55728	RATNLPAGLR	AGAP007598-PA	-	39	0.00057116	1	1068.616	-10.46	Salivary gland	2L:+:48132923-48132952	exon=> In CDS Exon 3 of transcript AGAP007598-PA
JHU_Ag_80339	VHNIDVLENALENRPK	AGAP007599-PA	-	89	1.24E-08	1	1860.996	1.8	Head	2L:-:48136021-48135974	exon=> In CDS Exon 2 of transcript AGAP007599-PA
JHU_Ag_100266	VHNIDVLENALENRPK	AGAP007599-PA	-	59	1.20E-05	1	1861.003	5.73	Midgut	2L:-:48136021-48135974	exon=> In CDS Exon 2 of transcript AGAP007599-PA

JHU_Ag_74299	DFGGHVKR	AGAP007600-PA	-	30	0.009741 71	1	915.466	-14.62	Head	2L:-:48143059-48143036	exon=> In CDS Exon 5 of transcript AGAP007600-PA
JHU_Ag_80765	LTNLVK	AGAP007600-PA	N3(Deamidated)	42	0.000497 012	1	688.425	1.44	Male reproductive organs	2L:-:48142456-48142439	exon=> In CDS Exon 5 of transcript AGAP007600-PA
JHU_Ag_753	ATIASAGTATASTK	AGAP007603-PA	-	66	2.90E-06	1	1250.664	4.3	Malpighian tubule	2L:+:48156505-48156546	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_1154	LRAEAVQQPGGVSR	AGAP007603-PA	-	69	8.69E-07	2	1467.807	2.7	Ovary	2L:+:48157288-48157329	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_18641	YSSDEDSEPVSSQPAGTKK	AGAP007603-PA	-	85	3.42E-08	1	2011.913	1.76	Ovary	2L:+:48156409-48156465	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_27281	LLEFGLSNMPVTSTTR	AGAP007603-PA	M9(Oxidation)	97	2.61E-09	2	1781.917	3.51	Salivary gland	2L:+:48156265-48156312	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_31170	YDPTDSPYLSEFTK	AGAP007603-PA	-	49	0.000143 024	1	1662.762	4.96	Ovary	2L:+:48157234-48157275	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_35549	VSETLPPEPGSASK	AGAP007603-PA	-	36	0.002890 594	1	1398.712	0.91	Head	2L:+:48156586-48156627	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_35595	LRAEAVQQPGGVSR	AGAP007603-PA	-	92	3.91E-09	1	1467.805	1.78	Head	2L:+:48157288-48157329	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_36806	AEMLTTSYIHQMEVTAQK	AGAP007603-PA	M3(Oxidation), M12(Oxidation)	61	1.21E-05	1	2112.998	1.71	Head	2L:+:48156802-48156855	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_40118	LLEFGLSNMPVTSTTR	AGAP007603-PA	M9(Oxidation)	63	6.77E-06	2	1781.918	4.47	Ovary	2L:+:48156265-48156312	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_42844	YDPTDSPYLSEFTKR	AGAP007603-PA	-	31	0.009340 509	1	1818.861	3.73	Ovary	2L:+:48157234-48157278	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_48182	YSSDEDSEPVSSQPAGTKK	AGAP007603-PA	-	98	1.87E-09	1	2011.910	0.57	Head	2L:+:48156409-48156465	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_49567	TLPKPTFASPSIR	AGAP007603-PA	-	64	2.79E-06	1	1414.809	2.85	Head	2L:+:48157153-48157191	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_50560	FISASQPTPK	AGAP007603-PA	-	52	9.03E-05	1	1075.578	-0.67	Ovary	2L:+:48156556-48156585	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_57084	AEAVQQPGGVSR	AGAP007603-PA	-	75	3.37E-07	2	1198.618	0.36	Head	2L:+:48157294-48157329	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_59065	STYAPREEYEASSSSR	AGAP007603-PA	-	73	4.79E-07	1	1819.811	0.68	Malpighian tubule	2L:+:48157384-48157431	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_65023	LRAEAVQQPGGVSR	AGAP007603-PA	-	93	3.91E-09	1	1467.803	0.37	Malpighian tubule	2L:+:48157288-48157329	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_76025	YSSDEDSEPVSSQPAGTK	AGAP007603-PA	-	107	1.54E-10	1	1883.814	-0.22	Head	2L:+:48156409-48156462	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_78504	ESFSQTTSETR	AGAP007603-PA	-	73	3.32E-07	2	1272.571	0.73	Head	2L:+:48157018-48157050	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_79913	FISASQPTPK	AGAP007603-PA	-	43	0.000655 505	1	1075.579	0.92	Head	2L:+:48156556-48156585	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_80046	VFAEPAPLK	AGAP007603-PA	-	47	0.000195 63	2	971.558	1.86	Malpighian tubule	2L:+:48157108-48157134	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_82587	LLEFGLSNMPVTSTTR	AGAP007603-PA	M9(Oxidation)	91	1.03E-08	1	1765.917	0.94	Head	2L:+:48156265-48156312	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_86502	VSETLPPEPGSASK	AGAP007603-PA	-	45	0.000376 348	1	1398.714	2.05	Malpighian tubule	2L:+:48156586-48156627	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_89642	YSSDEDSEPVSSQPAGTKK	AGAP007603-PA	-	98	1.76E-09	1	2011.910	0.39	Malpighian tubule	2L:+:48156409-48156465	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_90978	YDPTDSPYLSEFTK	AGAP007603-PA	-	69	1.39E-06	1	1662.762	5.25	Head	2L:+:48157234-48157275	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_92412	VPEPIEEEMEVDVPEMGK	AGAP007603-PA	M9(Oxidation), M16(Oxidation)	61	8.88E-06	1	2088.940	2.24	Head	2L:+:48156856-48156909	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_93319	VFAEPAPLK	AGAP007603-PA	-	41	0.000786 025	1	971.558	1.73	Ovary	2L:+:48157108-48157134	exon=> In CDS Exon 1 of transcript AGAP007603-PA

JHU_Ag_109774	TLPKPTFASPSIR	AGAP007603-PA	-	45	0.000217365	1	1414.807	0.95	Ovary	2L:+:48157153-48157191	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_116016	TATETSGVR	AGAP007603-PA	-	34	0.004910264	2	921.464	0.5	Ovary	2L:+:48157486-48157512	exon=> In CDS Exon 1 of transcript AGAP007603-PA
JHU_Ag_7170	YQEATGGPIAQPTVLK	AGAP007606-PA	-	69	1.55E-06	2	1672.893	1.25	Salivary gland	2L:+:48174526-48174573	exon=> In CDS Exon 2 of transcript AGAP007606-PA
JHU_Ag_1163	ELEVVLK	AGAP007611-PA	-	36	0.002977866	1	829.497	-7.8	Larva	2L:+:48259061-48259081	exon=> In CDS Exon 5 of transcript AGAP007611-PA
JHU_Ag_23881	VTGDESDLAFAEDR	AGAP007611-PA	-	59	1.37E-05	2	1524.683	1.27	Larva	2L:+:48261175-48261216	exon=> In CDS Exon 7 of transcript AGAP007611-PA
JHU_Ag_36737	ELEVVLK	AGAP007611-PA	-	37	0.002608314	1	829.492	-13.39	Head	2L:+:48259061-48259081	exon=> In CDS Exon 5 of transcript AGAP007611-PA
JHU_Ag_40358	DYSSNTNYAFDNFEPESK	AGAP007611-PA	-	112	2.87E-11	1	2127.881	1.67	Head	2L:+:48262155-48262208	exon=> In CDS Exon 10 of transcript AGAP007611-PA
JHU_Ag_59242	VTGDESDLAFAEDR	AGAP007611-PA	-	112	6.09E-11	2	1524.681	-0.41	Pupa	2L:+:48261175-48261216	exon=> In CDS Exon 7 of transcript AGAP007611-PA
JHU_Ag_70541	RVTGDESDLAFAEDR	AGAP007611-PA	-	92	9.41E-09	1	1680.781	-1.13	Head	2L:+:48261172-48261216	exon=> In CDS Exon 7 of transcript AGAP007611-PA
JHU_Ag_92743	ELEVVLK	AGAP007611-PA	-	40	0.001141764	1	829.495	-9.49	Malpighian tubule	2L:+:48259061-48259081	exon=> In CDS Exon 5 of transcript AGAP007611-PA
JHU_Ag_97540	ELEVVLK	AGAP007611-PA	-	41	0.000897233	1	829.496	-8.54	Ovary	2L:+:48259061-48259081	exon=> In CDS Exon 5 of transcript AGAP007611-PA
JHU_Ag_115520	ELEVVLK	AGAP007611-PA	-	42	0.000836296	1	829.493	-11.99	Midgut	2L:+:48259061-48259081	exon=> In CDS Exon 5 of transcript AGAP007611-PA
JHU_Ag_2697	VNSAIGNLEPPVR	AGAP007612-PA	N2(Deamidated)	77	1.42E-07	2	1365.748	-0.16	Midgut	2L:-:48255144-48255106	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_9453	RGCLASLPADVSSQCTATAGNTCQR	AGAP007612-PA	C3(Carbamidomethyl), C15(Carbamidomethyl), C23(Carbamidomethyl)	35	0.003567486	3	2681.216	-1.07	Midgut	2L:-:48255978-48255904	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_14757	CTIGTTANAYCPNPWDDCVQLLQSGTRK	AGAP007612-PA	C1(Carbamidomethyl), C11(Carbamidomethyl), C18(Carbamidomethyl)	85	3.81E-08	1	3226.475	1.2	Midgut	2L:-:48256373-48256290	exon=> In CDS Exon 6 of transcript AGAP007612-PA
JHU_Ag_17632	CTGLDCATCIGTGCNKNEFPADR	AGAP007612-PA	C1(Carbamidomethyl), C6(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	93	1.94E-09	1	2617.089	-0.53	Midgut	2L:-:48257429-48257361	exon=> In CDS Exon 3 of transcript AGAP007612-PA
JHU_Ag_17685	RCTIGTTANAYCPNPWDDCVQLLQSGTR	AGAP007612-PA	C2(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl)	147	1.93E-14	1	3254.475	-0.88	Midgut	2L:-:48256376-48256293	exon=> In CDS Exon 6 of transcript AGAP007612-PA
JHU_Ag_22176	GCVSELSQQELAACNAPECIR	AGAP007612-PA	C2(Carbamidomethyl), C14(Carbamidomethyl), C19(Carbamidomethyl)	102	5.28E-10	1	2392.068	-0.29	Midgut	2L:-:48256828-48256766	exon=> In CDS Exon 5 of transcript AGAP007612-PA
JHU_Ag_22529	HQCVVCSSLVEANCLANPTALTAVQCPAPSNVDLTAAQCYSR	AGAP007612-PA	C3(Carbamidomethyl), C6(Carbamidomethyl), C14(Carbamidomethyl), C26(Carbamidomethyl), C39(Carbamidomethyl)	48	0.000119751	1	4633.136	0.02	Midgut	2L:-:48257673-48257548	exon=> In CDS Exon 2 of transcript AGAP007612-PA
JHU_Ag_23566	SSLTEAELAACTGR	AGAP007612-PA	C11(Carbamidomethyl)	46	0.000339127	2	1465.701	3.85	Malpighian tubule	2L:-:48255717-48255676	exon=> In CDS Exon 7 of transcript AGAP007612-PA

JHU_Ag_25548	SSLNSLCR	AGAP007612-PA	N4(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	59	1.61E-05	2	936.457	0.45	Midgut	2L:-:48255600-48255577	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_30088	VIGTVTER	AGAP007612-PA	-	44	0.000741361	2	874.499	-0.05	Midgut	2L:-:48257547-48257786,48257252-48257463	exon=> In CDS Exon 3 and 2 of transcript AGAP007612-PA
JHU_Ag_30216	GCMSDLAATAQSACTR	AGAP007612-PA	C2(Carbamidomethyl), C14(Carbamidomethyl),"C2(Carbamidomethyl), M3(Oxidation), Q11(Deamidated), C14(Carbamidomethyl)","C2(Carbamidomethyl), M3(Oxidation), C14(Carbamidomethyl)"	140	3.60E-14	1	1715.715	0.35	Midgut	2L:-:48255486-48255439	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_35690	CTIGTTANAYCPNPWDDCVQLLQSGTR	AGAP007612-PA	C1(Carbamidomethyl), C11(Carbamidomethyl), C18(Carbamidomethyl)	85	2.62E-08	1	3098.377	0.03	Midgut	2L:-:48256373-48256293	exon=> In CDS Exon 6 of transcript AGAP007612-PA
JHU_Ag_35694	RGCLTQTEATTCTGDNCVACNIGDLCNEISSPK	AGAP007612-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl)	36	0.001304879	1	3702.613	5.61	Midgut	2L:-:48257772-48257674	exon=> In CDS Exon 2 of transcript AGAP007612-PA
JHU_Ag_35802	ANGNVMK	AGAP007612-PA	N2(Deamidated)	40	0.001405448	2	734.351	0.43	Midgut	2L:-:48257258-48257483,48256942-48257165	exon=> In CDS Exon 4 and 3 of transcript AGAP007612-PA

JHU_Ag_37160	KLCNGAPFSASPATTSCYQCEGNGCLK	AGAP007612-PA	C3(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl), N23(Deamidated), C25(Carbamidomethyl),"C 3(Carbamidomethyl), N4(Deamidated), C17(Carbamidomethyl), C20(Carbamidomethyl), C25(Carbamidomethyl)"," C3(Carbamidomethyl), C17(Carbamidomethyl), C20(Carbamidomethyl), C25(Carbamidomethyl)"," C3(Carbamidomethyl), N4(Deamidated), C17(Carbamidomethyl), Q19(Deamidated), C20(Carbamidomethyl), C25(Carbamidomethyl)"," C3(Carbamidomethyl), N4(Deamidated), C17(Carbamidomethyl), C20(Carbamidomethyl), N23(Deamidated), C25(Carbamidomethyl)"	119	5.80E-12	1	2980.263	1.65	Midgut	2L:-:48257086-48257006	exon=> In CDS Exon 4 of transcript AGAP007612-PA
JHU_Ag_47749	LCNGAPFSASPATTSCYQCEGNGCLK	AGAP007612-PA	N3(Deamidated), C16(Carbamidomethyl), Q18(Deamidated), C19(Carbamidomethyl), C24(Carbamidomethyl),"C 2(Carbamidomethyl), C16(Carbamidomethyl), Q18(Deamidated), C19(Carbamidomethyl), C24(Carbamidomethyl)"," C2(Carbamidomethyl), N3(Deamidated), C16(Carbamidomethyl), C19(Carbamidomethyl), N22(Deamidated), C24(Carbamidomethyl)"," C2(Carbamidomethyl), N3(Deamidated), C16(Carbamidomethyl), C19(Carbamidomethyl), C24(Carbamidomethyl)"," C2(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl), N22(Deamidated), C24(Carbamidomethyl)"," C2(Carbamidomethyl),	70	1.86E-07	3	2852.163	-0.11	Midgut	2L:-:48257083-48257006	exon=> In CDS Exon 4 of transcript AGAP007612-PA
JHU_Ag_49320	SSLTEAELAACTGR	AGAP007612-PA	C11(Carbamidomethyl)	100	1.53E-09	2	1465.699	2.52	Midgut	2L:-:48255717-48255676	exon=> In CDS Exon 7 of transcript AGAP007612-PA

JHU_Ag_49367	GENCLVCNSR	AGAP007612-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	72	2.99E-07	2	1208.513	-1.33	Midgut	2L:-:48255438-48255409	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_53412	NAMVAADASYCLANPSLCSYCGK	AGAP007612-PA	M3(Oxidation), C11(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl),"C11(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)"	102	2.37E-10	2	2539.075	0.94	Midgut	2L:-:48257155-48257087	exon=> In CDS Exon 4 of transcript AGAP007612-PA
JHU_Ag_64361	AAQTGTAAECPTYDTGNK	AGAP007612-PA	C10(Carbamidomethyl)	61	7.46E-06	2	1855.817	2.32	Head	2L:-:48255321-48255268	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_64706	CYTIVQSNGDTVR	AGAP007612-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), N8(Deamidated)"	104	3.67E-10	1	1513.690	-3.43	Midgut	2L:-:48255267-48255229	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_65296	CYTIVQSNGDTVRK	AGAP007612-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), N8(Deamidated)"	99	1.68E-09	1	1641.789	-0.49	Midgut	2L:-:48255267-48255226	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_69022	AQALQIAPEPCNNPANAQCYSR	AGAP007612-PA	C11(Carbamidomethyl), C19(Carbamidomethyl),"C11(Carbamidomethyl), N12(Deamidated), C19(Carbamidomethyl)","C11(Carbamidomethyl), N13(Deamidated), C19(Carbamidomethyl)","Q2(Deamidated), C11(Carbamidomethyl), C19(Carbamidomethyl)","Q5(Deamidated), C11(Carbamidomethyl), C19(Carbamidomethyl)"	78	2.00E-07	1	2473.133	-0.86	Midgut	2L:-:48255576-48255511	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_72772	LEYCPEYR	AGAP007612-PA	C4(Carbamidomethyl)	41	0.000548052	1	1129.499	0.21	Midgut	2L:-:48255804-48255781	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_80109	TASGCEVCLFSGCNGK	AGAP007612-PA	C5(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl),"C5(Carbamidomethyl), C8(Carbamidomethyl), C13(Carbamidomethyl), N14(Deamidated)"	84	1.26E-08	2	1747.714	3.24	Midgut	2L:-:48255192-48255145	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_81638	AGDSCLLESDSIGQLLR	AGAP007612-PA	C5(Carbamidomethyl), Q14(Deamidated),C5(Carbamidomethyl)	109	2.25E-10	1	1833.897	-2.54	Midgut	2L:-:48255780-48255730	exon=> In CDS Exon 7 of transcript AGAP007612-PA

JHU_Ag_83094	CTGLDCATCIGTGCNK	AGAP007612-PA	C1(Carbamidomethyl), C6(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	111	2.03E-11	2	1787.718	0.1	Midgut	2L:-:48257429-48257382	exon=> In CDS Exon 3 of transcript AGAP007612-PA
JHU_Ag_85059	VSTAGITVTCPNTNDLCYTQFDQATLLPIKR	AGAP007612-PA	C10(Carbamidomethyl), C17(Carbamidomethyl)	61	7.93E-06	1	3497.747	1.85	Midgut	2L:-:48257923-48258061,48257545-48257770	exon=> In CDS Exon 2 and 1 of transcript AGAP007612-PA
JHU_Ag_85764	ECYTCDGESCVR	AGAP007612-PA	C2(Carbamidomethyl), C5(Carbamidomethyl), C10(Carbamidomethyl)	43	2.45E-05	1	1535.553	-2.25	Midgut	2L:-:48257959-48257924	exon=> In CDS Exon 1 of transcript AGAP007612-PA
JHU_Ag_87880	AGDSCLLESDSIGQLLR	AGAP007612-PA	C5(Carbamidomethyl)	91	1.51E-08	2	1833.908	3.85	Visceras	2L:-:48255780-48255730	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_88899	RGCVSELSQQELAACNAPECIR	AGAP007612-PA	C3(Carbamidomethyl), C15(Carbamidomethyl), C20(Carbamidomethyl)	66	3.28E-06	1	2548.186	6.17	Midgut	2L:-:48256831-48256766	exon=> In CDS Exon 5 of transcript AGAP007612-PA
JHU_Ag_92065	AAQTGTAAECPTYDTGNK	AGAP007612-PA	C10(Carbamidomethyl)	117	1.77E-11	2	1855.817	2.26	Midgut	2L:-:48255321-48255268	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_92992	IIGGTVTER	AGAP007612-PA	-	51	0.000148782	2	945.533	-4.06	Midgut	2L:-:48256600-48256845,48256162-48256500	exon=> In CDS Exon 6 and 5 of transcript AGAP007612-PA
JHU_Ag_98400	TSNCNTAQYPVAPLGCFQCDSR	AGAP007612-PA	C4(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl),"C4(Carbamidomethyl), Q8(Deamidated), C16(Carbamidomethyl), C19(Carbamidomethyl)","N3(Deamidated), C4(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl)","C4(Carbamidomethyl), N5(Deamidated), C16(Carbamidomethyl), C19(Carbamidomethyl)"	80	4.87E-08	2	2546.076	-3.76	Midgut	2L:-:48255408-48255343	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_100382	CNVANFPADR	AGAP007612-PA	C1(Carbamidomethyl)	52	5.81E-05	1	1163.526	-0.4	Midgut	2L:-:48255888-48255859	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_106018	CVSPPCISHQDVR	AGAP007612-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	62	7.96E-06	2	1554.717	1.44	Midgut	2L:-:48255843-48255805	exon=> In CDS Exon 7 of transcript AGAP007612-PA
JHU_Ag_114019	CQTCSTSGCNDPQTLGTSGSCVQCR	AGAP007612-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C9(Carbamidomethyl), C21(Carbamidomethyl), C24(Carbamidomethyl)	63	5.74E-07	3	2821.106	0.04	Midgut	2L:-:48255675-48255601	exon=> In CDS Exon 7 of transcript AGAP007612-PA

JHU_Ag_115182	NAMVAADASYCLANPSLCSYCGKK	AGAP007612-PA	M3(Oxidation), C11(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl),"C 11(Carbamidomethyl), C18(Carbamidomethyl), C21(Carbamidomethyl)"	101	5.44E-10	1	2667.168	0.43	Midgut	2L:-:48257155-48257084	exon=> In CDS Exon 4 of transcript AGAP007612-PA
JHU_Ag_117672	GCITTQTDVDR	AGAP007612-PA	C2(Carbamidomethyl)	81	9.71E-08	1	1265.579	-0.44	Midgut	2L:-:48257462-48257430	exon=> In CDS Exon 3 of transcript AGAP007612-PA
JHU_Ag_57501	KPSYSSEELEQEEEPDRLTLLLEK	AGAP007613-PA	-	55	4.80E-05	1	2862.416	-3.3	Head	2L:+:48279255-48279326	exon=> In CDS Exon 2 of transcript AGAP007613-PA
JHU_Ag_72236	YYPENFYVDER	AGAP007613-PA	-	32	0.004358454	2	1494.656	1.72	Pupa	2L:+:48279674-48279706	exon=> In CDS Exon 3 of transcript AGAP007613-PA
JHU_Ag_78852	TTGYYADESLGCEVFHYCQENQK	AGAP007613-PA	C12(Carbamidomethyl), C18(Carbamidomethyl)	29	0.00425953	1	2799.170	1.32	Pupa	2L:+:48279351-48279419	exon=> In CDS Exon 2 of transcript AGAP007613-PA
JHU_Ag_20156	LAVLNEKLTTLER	AGAP007614-PA	-	29	0.003751095	1	1499.882	1.75	Malpighian tubule	2L:-:48281113-48281075	exon=> In CDS Exon 2 of transcript AGAP007614-PA
JHU_Ag_76391	RIDYLEACVTK	AGAP007614-PA	C8(Carbamidomethyl)	64	5.49E-06	1	1367.696	-1.99	Head	2L:-:48281074-48281042	exon=> In CDS Exon 2 of transcript AGAP007614-PA
JHU_Ag_44277	QIRNEIAR	AGAP007617-PA	Q1(Deamidated), N4(Deamidated)	38	0.002225945	2	1001.525	-12.7	Pupa	2L:-:48337344-48337321	exon=> In CDS Exon 1 of transcript AGAP007617-PA
JHU_Ag_3349	NDQLQQQQQLDDGQR	AGAP007618-PA	-	93	6.67E-09	2	1813.841	-0.58	Midgut	2L:+:48340332-48340376	exon=> In CDS Exon 1 of transcript AGAP007618-PA
JHU_Ag_40247	NALNYQFSQEELR	AGAP007618-PA	-	53	7.76E-05	2	1611.779	1.49	Midgut	2L:+:48340377-48340385,48340475-48340504	exon=> In CDS Exon 1 and 2 of transcript AGAP007618-PA
JHU_Ag_44388	NALNYQFSQEELR	AGAP007618-PA	-	68	2.43E-06	1	1611.778	1.34	Head	2L:+:48340377-48340385,48340475-48340504	exon=> In CDS Exon 1 and 2 of transcript AGAP007618-PA
JHU_Ag_46436	NDQLQQQQQLDDGQR	AGAP007618-PA	-	111	9.76E-11	2	1813.845	1.64	Malpighian tubule	2L:+:48340332-48340376	exon=> In CDS Exon 1 of transcript AGAP007618-PA
JHU_Ag_73001	NDQLQQQQQLDDGQR	AGAP007618-PA	-	136	3.62E-13	1	1813.843	0.5	Head	2L:+:48340332-48340376	exon=> In CDS Exon 1 of transcript AGAP007618-PA
JHU_Ag_86814	NALNYQFSQEELR	AGAP007618-PA	-	93	8.83E-09	1	1611.779	1.49	Visceras	2L:+:48340377-48340385,48340475-48340504	exon=> In CDS Exon 1 and 2 of transcript AGAP007618-PA
JHU_Ag_1252	SVSAWPESRPEIFR	AGAP007619-PA	-	65	5.99E-06	1	1660.846	0.9	Malpighian tubule	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_2610	ADLPAVLTK	AGAP007619-PA	-	62	3.79E-06	2	927.551	0.2	Malpighian tubule	2L:-:48344337-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_4944	EGGSIPVTLTLQQTTGK	AGAP007619-PA	-	96	2.03E-09	1	1729.928	-3.16	Midgut	2L:-:48341917-48341867	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_5050	VILGVLGTDPAKK	AGAP007619-PA	-	68	1.96E-07	1	1310.806	1.27	Salivary gland	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_6673	GSPNQFAVR	AGAP007619-PA	-	63	1.01E-05	2	975.501	-0.17	Salivary gland	2L:-:48342052-48342026	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_7346	YVSEYLTAK	AGAP007619-PA	-	44	0.000627867	1	1073.550	-1.41	Ovary	2L:-:48342091-48342065	exon=> In CDS Exon 3 of transcript AGAP007619-PA

JHU_Ag_7733	FVFEGMEESGSEGLDDLLYAR	AGAP007619-PA	M6(Oxidation)	103	5.48E-10	2	2380.076	4.59	Larva	2L:-:48342682-48342620	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_8781	MVEWVAERLR	AGAP007619-PA	-	36	0.003863465	1	1288.684	0.59	Malpighian tubule	2L:-:48344117-48344088	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_9181	LFSHIDANK	AGAP007619-PA	-	52	0.000111136	1	1044.547	-0.37	Head	2L:-:48344310-48344346,48343986-48344202	exon=> In CDS Exon 2 and 1 of transcript AGAP007619-PA
JHU_Ag_10822	MVEWVAER	AGAP007619-PA	M1(Oxidation)	67	3.13E-06	1	1019.498	0.21	Midgut	2L:-:48344117-48344094	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_11622	HVYNVDPDMTR	AGAP007619-PA	M9(Oxidation)	57	1.66E-05	1	1362.610	-0.69	Midgut	2L:-:48341950-48341918	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_13052	ADLPAVLTK	AGAP007619-PA	-	52	3.46E-05	2	927.552	1.32	Pupa	2L:-:48344337-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_14766	LGATVELADVGK	AGAP007619-PA	-	99	1.52E-09	2	1172.652	-0.05	Ovary	2L:-:48344084-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_17015	MAHGGKPWTEDPNHPHYQAAR	AGAP007619-PA	M1(Oxidation)	91	1.02E-08	1	2416.094	-2.56	Midgut	2L:-:48342025-48341963	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_17410	SKADLPAVLTK	AGAP007619-PA	N-Term(Acetyl)	79	7.96E-08	1	1184.690	1.4	Malpighian tubule	2L:-:48344343-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_19090	MAHGGKPWTEDPNHPHYQAAR	AGAP007619-PA	M1(Oxidation)	52	8.27E-05	1	2416.098	-0.98	Ovary	2L:-:48342025-48341963	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_19564	VILGVLGTDPAKK	AGAP007619-PA	-	56	3.50E-06	1	1310.805	0.43	Male reproductive organs	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_20260	QKDFLSDVDYVCISDNYWLGTDKPCITYGLR	AGAP007619-PA	C12(Carbamidomethyl), C25(Carbamidomethyl)	49	0.000129968	1	3741.763	1.68	Midgut	2L:-:48342619-48342527	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_20359	LGATVELADVGK	AGAP007619-PA	-	101	9.90E-10	2	1172.652	-0.25	Malpighian tubule	2L:-:48344084-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_21726	LLGAYLYEVSLIGGNK	AGAP007619-PA	-	86	8.85E-09	2	1709.960	7.43	Head	2L:-:48341709-48341662	exon=> In CDS Exon 4 of transcript AGAP007619-PA
JHU_Ag_21802	FVFEGMEESGSEGLDDLLYAR	AGAP007619-PA	M6(Oxidation)	184	4.26E-18	1	2380.060	-2.18	Ovary	2L:-:48342682-48342620	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_23579	LFSHIDANK	AGAP007619-PA	-	53	8.97E-05	1	1044.547	-0.77	Malpighian tubule	2L:-:48344310-48344346,48343986-48344202	exon=> In CDS Exon 2 and 1 of transcript AGAP007619-PA
JHU_Ag_24016	IYQEVAPLLPNEQAIYDAIHFDVGSYR	AGAP007619-PA	-	55	3.54E-05	1	3121.567	1.15	Midgut	2L:-:48342376-48342296	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_24989	QPSLSIHGVEGAFYEPGQK	AGAP007619-PA	-	120	1.61E-11	1	2044.018	2.37	Malpighian tubule	2L:-:48342226-48342170	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_28158	SVSAWPESRPEIFR	AGAP007619-PA	-	39	0.002323798	1	1660.846	1.12	Salivary gland	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_29306	IVPNQTPELTERYVSEYLTAK	AGAP007619-PA	-	35	0.002747996	1	2451.290	5.37	Malpighian tubule	2L:-:48342127-48342065	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_30710	GSSDDKGPVLGWLHAIEGFQAIGEPLPVNIK	AGAP007619-PA	-	154	2.63E-15	1	3244.704	1.02	Midgut	2L:-:48342775-48342683	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_30834	VILGVLGTDPAKK	AGAP007619-PA	-	74	4.71E-08	1	1310.806	1.27	Malpighian tubule	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_30877	LLGAYLYEVSLIGGNK	AGAP007619-PA	-	135	2.04E-13	1	1709.947	0	Malpighian tubule	2L:-:48341709-48341662	exon=> In CDS Exon 4 of transcript AGAP007619-PA
JHU_Ag_33304	FVFEGMEESGSEGLDDLLYAR	AGAP007619-PA	M6(Oxidation)	192	6.06E-19	1	2380.066	0.48	Malpighian tubule	2L:-:48342682-48342620	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_34672	NVLLLPMGASDDGAHSQNEK	AGAP007619-PA	M7(Oxidation)	45	0.000501664	1	2112.002	-0.43	Ovary	2L:-:48341866-48341807	exon=> In CDS Exon 3 of transcript AGAP007619-PA

JHU_Ag_36008	SVSAWPESRPEIFR	AGAP007619-PA	-	55	5.37E-05	1	1660.846	0.75	Pupa	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_36232	NVLLLPMGASDDGAHSQNEK	AGAP007619-PA	M7(Oxidation)	104	5.32E-10	1	2112.004	0.82	Head	2L:-:48341866-48341807	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_36516	YIDALR	AGAP007619-PA	-	38	0.001400316	1	750.415	0.22	Malpighian tubule	2L:-:48344195-48344178	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_36759	LFSHIDANK	AGAP007619-PA	-	52	0.000112682	1	1044.547	-0.14	Pupa	2L:-:48344310-48344346,48343986-48344202	exon=> In CDS Exon 2 and 1 of transcript AGAP007619-PA
JHU_Ag_36842	IVPNQTPELTER	AGAP007619-PA	-	54	4.53E-05	1	1396.743	0.14	Visceras	2L:-:48342127-48342092	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_37132	KLGATVELADVGK	AGAP007619-PA	-	115	2.60E-11	1	1300.746	-0.7	Malpighian tubule	2L:-:48344087-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_39667	ADLPAVLTK	AGAP007619-PA	-	29	0.007370084	1	927.551	0.21	Head	2L:-:48344337-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_39984	SVSAWPESRPEIFR	AGAP007619-PA	-	51	0.000139652	1	1660.852	4.42	Ovary	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_40485	KLGATVELADVGK	AGAP007619-PA	-	34	0.002991367	2	1300.747	-0.04	Midgut	2L:-:48344087-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_40746	KLGATVELADVGK	AGAP007619-PA	-	86	1.72E-08	1	1300.746	-0.89	Ovary	2L:-:48344087-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_43284	LLGAYLYEVSLIGGNK	AGAP007619-PA	-	110	5.77E-11	2	1709.945	-1.57	Midgut	2L:-:48341709-48341662	exon=> In CDS Exon 4 of transcript AGAP007619-PA
JHU_Ag_44416	IYQEVAPLLPNEQAIYDAIHFDVGSYR	AGAP007619-PA	-	52	6.24E-05	1	3121.568	1.5	Head	2L:-:48342376-48342296	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_45192	HVYNVDPDMTR	AGAP007619-PA	M9(Oxidation)	75	3.00E-07	1	1362.611	-0.06	Malpighian tubule	2L:-:48341950-48341918	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_45945	ELDLPK	AGAP007619-PA	-	43	0.000205014	1	714.403	-0.7	Midgut	2L:-:48344027-48344010	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_46834	IYQEVAPLLPNEQAIYDAIHFDVGSYR	AGAP007619-PA	-	111	8.43E-11	1	3121.564	0.21	Ovary	2L:-:48342376-48342296	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_48648	IVPNQTPELTER	AGAP007619-PA	-	35	0.003930592	1	1396.744	0.49	Salivary gland	2L:-:48342127-48342092	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_48877	EGGSIPVTLTLQQTTGK	AGAP007619-PA	-	90	8.96E-09	1	1729.931	-1.19	Ovary	2L:-:48341917-48341867	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_49014	ADLPAVLTK	AGAP007619-PA	-	58	1.05E-05	2	927.551	0	Ovary	2L:-:48344337-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_49227	GSSDDKGPVLGWLHAIEGFQAIGEPLPVNIK	AGAP007619-PA	-	104	2.24E-10	1	3244.708	2.51	Malpighian tubule	2L:-:48342775-48342683	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_52474	LGATVELADVGK	AGAP007619-PA	-	47	0.000266176	2	1172.652	0.06	Salivary gland	2L:-:48344084-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_52482	LFSHIDANKSK	AGAP007619-PA	-	64	5.62E-06	1	1259.673	-1.22	Malpighian tubule	2L:-:48344310-48344346,48343986-48344196	exon=> In CDS Exon 2 and 1 of transcript AGAP007619-PA
JHU_Ag_53128	WRQPSLSIHGVEGAFYEPGQK	AGAP007619-PA	-	72	9.36E-07	1	2386.204	4.27	Ovary	2L:-:48342232-48342170	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_54351	VILGVLGTDPAK	AGAP007619-PA	-	73	1.34E-07	1	1182.709	-0.14	Head	2L:-:48344009-48344220,48341780-48342887	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_55548	MAHGGKPWTEDPNHPHYQAAR	AGAP007619-PA	M1(Oxidation)	97	2.43E-09	1	2400.104	-0.42	Malpighian tubule	2L:-:48342025-48341963	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_56674	EGGSIPVTLTLQQTTGK	AGAP007619-PA	-	81	6.76E-08	2	1729.938	2.62	Head	2L:-:48341917-48341867	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_57366	MVEWVAER	AGAP007619-PA	M1(Oxidation)	56	3.44E-05	2	1035.493	0.46	Malpighian tubule	2L:-:48344117-48344094	exon=> In CDS Exon 2 of transcript AGAP007619-PA

JHU_Ag_57420	HVYNVDPDMTR	AGAP007619-PA	M9(Oxidation)	57	1.59E-05	1	1362.605	-4.18	Head	2L:-:48341950-48341918	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_59415	LGATVELADVGK	AGAP007619-PA	-	83	5.13E-08	2	1172.656	3.08	Midgut	2L:-:48344084-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_60410	VILGVLGTDPAK	AGAP007619-PA	-	66	6.33E-07	2	1182.706	-2.82	Midgut	2L:-:48344009-48344220,48341780-48342887	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_61671	YVSEYLTAK	AGAP007619-PA	-	44	0.000581014	2	1073.553	1.66	Malpighian tubule	2L:-:48342091-48342065	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_61909	YIDALR	AGAP007619-PA	-	35	0.002625684	2	750.414	-1.16	Visceras	2L:-:48344195-48344178	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_62020	IYQEVAPLLPNEQAIYDAIHFDVGSYR	AGAP007619-PA	-	106	2.49E-10	1	3121.557	-2.02	Malpighian tubule	2L:-:48342376-48342296	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_62708	QPSLSIHGVEGAFYEPGQK	AGAP007619-PA	-	69	1.92E-06	1	2044.015	0.58	Midgut	2L:-:48342226-48342170	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_64515	ADLPAVLTK	AGAP007619-PA	-	47	0.000129574	2	927.552	0.53	Midgut	2L:-:48344337-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_64819	LGATVELADVGKQK	AGAP007619-PA	-	115	2.42E-11	1	1428.807	1.17	Malpighian tubule	2L:-:48344084-48344043	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_66901	LFSHIDANK	AGAP007619-PA	-	46	0.000422499	2	1044.547	-0.61	Visceras	2L:-:48344310-48344346,48343986-48344202	exon=> In CDS Exon 2 and 1 of transcript AGAP007619-PA
JHU_Ag_67048	LLGAYLYEVSLIGGNK	AGAP007619-PA	-	68	8.01E-07	2	1709.954	4.07	Salivary gland	2L:-:48341709-48341662	exon=> In CDS Exon 4 of transcript AGAP007619-PA
JHU_Ag_68539	WRQPSLSIHGVEGAFYEPGQK	AGAP007619-PA	-	112	1.04E-10	1	2386.194	0.02	Midgut	2L:-:48342232-48342170	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_69116	IVPNQTPELTER	AGAP007619-PA	-	57	2.59E-05	1	1396.742	-0.55	Ovary	2L:-:48342127-48342092	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_69197	KLGATVELADVGK	AGAP007619-PA	-	76	1.70E-07	2	1300.749	1.46	Pupa	2L:-:48344087-48344049	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_69801	GSPNQFAVR	AGAP007619-PA	-	66	4.54E-06	1	975.500	-0.54	Malpighian tubule	2L:-:48342052-48342026	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_70378	EGGSIPVTLTLQQTTGK	AGAP007619-PA	-	72	6.15E-07	2	1729.935	1.14	Salivary gland	2L:-:48341917-48341867	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_71509	LSDGRELDLPK	AGAP007619-PA	-	52	7.26E-05	1	1242.670	0.85	Pupa	2L:-:48344042-48344010	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_71793	VILGVLGTDPAKK	AGAP007619-PA	-	29	0.001566547	1	1310.803	-0.81	Ovary	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_71825	GSPNQFAVR	AGAP007619-PA	-	52	0.000117198	2	975.501	0.39	Ovary	2L:-:48342052-48342026	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_73983	IVPNQTPELTER	AGAP007619-PA	-	51	9.04E-05	2	1396.743	0.14	Head	2L:-:48342127-48342092	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_76491	YIDALR	AGAP007619-PA	-	44	0.00037864	2	750.414	-0.02	Midgut	2L:-:48344195-48344178	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_79552	LLGAYLYEVSLIGGNK	AGAP007619-PA	-	135	2.06E-13	1	1709.946	-0.93	Ovary	2L:-:48341709-48341662	exon=> In CDS Exon 4 of transcript AGAP007619-PA
JHU_Ag_80074	GICYFEVEVSCAHK	AGAP007619-PA	C3(Carbamidomethyl), C11(Carbamidomethyl)	97	1.96E-09	1	1698.758	-2	Midgut	2L:-:48342526-48342485	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_80386	DLHSGVFGGTVYEAMNDLVYLLGTLADSEGR	AGAP007619-PA	M15(Oxidation)	96	3.12E-09	1	3315.588	1.14	Ovary	2L:-:48342484-48342392	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_81474	LSDGRELDLPK	AGAP007619-PA	-	38	0.001539049	1	1242.669	-0.13	Midgut	2L:-:48344042-48344010	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_82906	ILIPK	AGAP007619-PA	-	27	0.001808918	1	583.418	-0.22	Pupa	2L:-:48342391-48342377	exon=> In CDS Exon 3 of transcript AGAP007619-PA

JHU_Ag_83132	SVSAWPESRPEIFR	AGAP007619-PA	-	72	1.06E-06	1	1660.844	-0.06	Midgut	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_87210	IYQEVAPLLPNEQAIYDAIHFDVGSYR	AGAP007619-PA	-	39	0.001315326	1	3121.561	-0.61	Salivary gland	2L:-:48342376-48342296	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_88013	EGGSIPVTLTLQQTTGK	AGAP007619-PA	-	63	5.01E-06	1	1729.934	0.29	Visceras	2L:-:48341917-48341867	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_88959	YIDALREAVAIK	AGAP007619-PA	-	55	1.24E-05	1	1361.781	1.57	Malpighian tubule	2L:-:48344195-48344160	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_91751	VILGVLGTDPAKK	AGAP007619-PA	-	75	4.41E-08	1	1310.803	-0.97	Pupa	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_92048	YVSEYLTAK	AGAP007619-PA	-	44	0.000548014	2	1073.551	-0.62	Midgut	2L:-:48342091-48342065	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_92478	EGGSIPVTLTLQQTTGK	AGAP007619-PA	-	102	6.04E-10	1	1729.932	-0.69	Malpighian tubule	2L:-:48341917-48341867	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_92749	TVCLYGHLDVQPAILEDGWATEPFVLTEK	AGAP007619-PA	C3(Carbamidomethyl)	47	0.000171982	3	3301.650	1.52	Midgut	2L:-:48342883-48342797	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_94284	NVLLLPMGASDDGAHSQNEK	AGAP007619-PA	M7(Oxidation)	147	2.97E-14	1	2096.008	0.26	Malpighian tubule	2L:-:48341866-48341807	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_94503	IVPNQTPELTER	AGAP007619-PA	-	79	1.51E-07	1	1396.744	0.67	Malpighian tubule	2L:-:48342127-48342092	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_94644	LLGAYLYEVSLIGGNK	AGAP007619-PA	-	108	8.69E-11	2	1709.956	5.21	Visceras	2L:-:48341709-48341662	exon=> In CDS Exon 4 of transcript AGAP007619-PA
JHU_Ag_94750	GSPNQFAVR	AGAP007619-PA	-	59	2.18E-05	2	975.500	-0.29	Midgut	2L:-:48342052-48342026	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_95010	HVYNVDPDMTREGGSIPVTLTLQQTTGK	AGAP007619-PA	M9(Oxidation)	77	2.51E-07	1	3073.523	-1.11	Malpighian tubule	2L:-:48341950-48341867	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_95535	HVYNVDPDMTR	AGAP007619-PA	M9(Oxidation)	66	2.32E-06	1	1362.610	-0.24	Ovary	2L:-:48341950-48341918	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_95924	VILGVLGTDPAK	AGAP007619-PA	-	74	9.68E-08	2	1182.709	-0.04	Malpighian tubule	2L:-:48344009-48344220,48341780-48342887	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_97789	SVSAWPESRPEIFR	AGAP007619-PA	-	54	7.31E-05	1	1660.846	1.12	Head	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_99970	IVPNQTPELTER	AGAP007619-PA	-	68	1.88E-06	2	1396.742	-0.73	Midgut	2L:-:48342127-48342092	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_100139	VILGVLGTDPAK	AGAP007619-PA	-	68	3.79E-07	2	1182.711	1.61	Ovary	2L:-:48344009-48344220,48341780-48342887	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_100722	DLHSGVFGGTVYEAMNDLVYLLGTLADSEGR	AGAP007619-PA	M15(Oxidation)	114	5.09E-11	1	3315.584	0.15	Malpighian tubule	2L:-:48342484-48342392	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_100771	FVFEGMEESGSEGLDDLLYAR	AGAP007619-PA	M6(Oxidation)	67	2.04E-06	2	2380.065	-0.03	Head	2L:-:48342682-48342620	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_102114	SVSAWPESRPEIFR	AGAP007619-PA	-	63	8.58E-06	1	1660.843	-0.57	Male reproductive organs	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_103140	FVFEGMEESGSEGLDDLLYAR	AGAP007619-PA	M6(Oxidation)	133	4.99E-13	2	2380.063	-1.05	Midgut	2L:-:48342682-48342620	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_103605	VILGVLGTDPAKK	AGAP007619-PA	-	75	4.55E-08	1	1310.805	0.34	Visceras	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_103802	NVLLLPMGASDDGAHSQNEK	AGAP007619-PA	M7(Oxidation)	121	1.20E-11	1	2111.997	-2.54	Midgut	2L:-:48341866-48341807	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_103824	ADLPAVLTK	AGAP007619-PA	-	40	0.000534382	2	927.553	2.24	Salivary gland	2L:-:48344337-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_104107	WRQPSLSIHGVEGAFYEPGQK	AGAP007619-PA	-	125	5.08E-12	1	2386.197	1.17	Malpighian tubule	2L:-:48342232-48342170	exon=> In CDS Exon 3 of transcript AGAP007619-PA

JHU_Ag_104826	DLHSGVFGGTVYEAMNDLVYLLGTLADSEGR	AGAP007619-PA	M15(Oxidation)	88	1.91E-08	1	3299.599	3.12	Midgut	2L:-:48342484-48342392	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_108966	SKADLPAVLTK	AGAP007619-PA	N-Term(Acetyl)	38	0.000945704	2	1184.692	2.84	Pupa	2L:-:48344343-48344311	exon=> In CDS Exon 1 of transcript AGAP007619-PA
JHU_Ag_111780	VILGVLGTDPAKK	AGAP007619-PA	-	79	1.72E-08	1	1310.802	-1.52	Head	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_112718	NVLLLPMGASDDGAHSQNEKIDVR	AGAP007619-PA	M7(Oxidation)	63	7.60E-06	1	2595.288	1.82	Malpighian tubule	2L:-:48341866-48341795	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_115219	VILGVLGTDPAKK	AGAP007619-PA	-	83	6.97E-09	1	1310.803	-0.78	Midgut	2L:-:48344009-48344220,48341780-48342884	exon=> In CDS Exon 3 and 2 of transcript AGAP007619-PA
JHU_Ag_116019	LFSHIDANK	AGAP007619-PA	-	45	0.00039744	1	1044.548	0.52	Midgut	2L:-:48344310-48344346,48343986-48344202	exon=> In CDS Exon 2 and 1 of transcript AGAP007619-PA
JHU_Ag_116760	QKDFLSDVDYVCISDNYWLGTDKPCITYGLR	AGAP007619-PA	C12(Carbamidomethyl), C25(Carbamidomethyl)	90	9.85E-09	1	3741.766	2.41	Malpighian tubule	2L:-:48342619-48342527	exon=> In CDS Exon 3 of transcript AGAP007619-PA
JHU_Ag_116837	SVSAWPESRPEIFR	AGAP007619-PA	-	61	1.50E-05	1	1660.845	0.53	Visceras	2L:-:48344159-48344118	exon=> In CDS Exon 2 of transcript AGAP007619-PA
JHU_Ag_116861	LLGAYLYEVSLIGGNK	AGAP007619-PA	-	71	4.42E-07	1	1709.948	0.64	Male reproductive organs	2L:-:48341709-48341662	exon=> In CDS Exon 4 of transcript AGAP007619-PA
JHU_Ag_45011	AHSILSDLTK	AGAP007620-PA	-	73	4.27E-07	1	1084.600	-0.19	Head	2L:-:48351501-48351472	exon=> In CDS Exon 3 of transcript AGAP007620-PA
JHU_Ag_68556	LSTSGDTLYQTLGLQK	AGAP007620-PA	-	77	1.93E-07	2	1724.916	5.72	Head	2L:-:48353010-48353025,48351600-48351696	exon=> In CDS Exon 2 and 1 of transcript AGAP007620-PA
JHU_Ag_85717	AHSILSDLTK	AGAP007620-PA	-	39	0.001205709	1	1084.601	0.71	Male reproductive organs	2L:-:48351501-48351472	exon=> In CDS Exon 3 of transcript AGAP007620-PA
JHU_Ag_80782	HQLLK	AGAP007621-PA,AGAP005584-PA,AGAP009268-PA,AGAP004636-PA,AGAP007772-PA	-	31	0.001310182	1	638.398	-1.06	Head	2L:+:48355225-48355239;2L:-:17422949-17422935;3R:-:30302897-30302883;2R:+:58711523-58711537;3R:+:535175-535189	exon=> In CDS Exon 2 of transcript AGAP007621-PA;exon=> In CDS Exon 2 of transcript AGAP005584-PA;exon=> In CDS Exon 7 of transcript AGAP009268-PA;exon=> In CDS Exon 2 of transcript AGAP004636-PA;exon=> In CDS Exon 1 of transcript AGAP007772-PA
JHU_Ag_90455	HQLLK	AGAP007621-PA,AGAP005584-PA,AGAP009268-PA,AGAP004636-PA,AGAP007772-PA	-	30	0.001507758	1	638.398	-0.2	Midgut	2L:+:48355225-48355239;2L:-:17422949-17422935;3R:-:30302897-30302883;2R:+:58711523-58711537;3R:+:535175-535189	exon=> In CDS Exon 2 of transcript AGAP007621-PA;exon=> In CDS Exon 2 of transcript AGAP005584-PA;exon=> In CDS Exon 7 of transcript AGAP009268-PA;exon=> In CDS Exon 2 of transcript AGAP004636-PA;exon=> In CDS Exon 1 of transcript AGAP007772-PA
JHU_Ag_331	ALEAFTELIVR	AGAP007623-PA	-	51	4.65E-05	2	1261.715	-0.48	Midgut	2L:-:48371603-48371571	exon=> In CDS Exon 2 of transcript AGAP007623-PA
JHU_Ag_19354	ALEAFTELIVR	AGAP007623-PA	-	49	6.24E-05	2	1261.721	4.45	Malpighian tubule	2L:-:48371603-48371571	exon=> In CDS Exon 2 of transcript AGAP007623-PA
JHU_Ag_29052	LGQDFNAYTSTILPHVIDR	AGAP007623-PA	-	67	3.05E-06	3	2160.101	-3.35	Midgut	2L:-:48371570-48371514	exon=> In CDS Exon 2 of transcript AGAP007623-PA
JHU_Ag_116327	ALEAFTELIVR	AGAP007623-PA	-	52	3.96E-05	2	1261.714	-1.16	Head	2L:-:48371603-48371571	exon=> In CDS Exon 2 of transcript AGAP007623-PA

JHU_Ag_3720	QAVQFIGNHQTDPQQWTSAK	AGAP007625-PA	-	94	5.87E-09	1	2284.117	2.76	Visceras	2L:-:48385047-48384988	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_9360	TTVEEYEFGHLEPR	AGAP007625-PA	-	68	2.48E-06	1	1706.803	0.26	Head	2L:-:48385119-48385078	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_15753	AAQTQDPDKPLPINR	AGAP007625-PA	-	57	2.45E-05	1	1663.874	-1.33	Head	2L:-:48385164-48385120	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_32708	AAQTQDPDKPLPINR	AGAP007625-PA	-	65	4.40E-06	1	1663.878	0.87	Malpighian tubule	2L:-:48385164-48385120	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_39876	AAQTQDPDKPLPINR	AGAP007625-PA	-	43	0.000693307	3	1663.873	-2	Visceras	2L:-:48385164-48385120	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_51243	QAVQFIGNHQTDPQQWTSAK	AGAP007625-PA	-	83	7.23E-08	1	2284.110	-0.12	Head	2L:-:48385047-48384988	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_79587	TTVEEYEFGHLEPR	AGAP007625-PA	-	86	4.08E-08	1	1706.804	1.4	Visceras	2L:-:48385119-48385078	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_80547	AAQTQDPDKPLPINR	AGAP007625-PA	-	66	3.40E-06	2	1663.877	0.5	Male reproductive organs	2L:-:48385164-48385120	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_81429	TTVEEYEFGHLEPR	AGAP007625-PA	-	47	0.000325122	2	1706.804	0.83	Male reproductive organs	2L:-:48385119-48385078	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_86518	TTVEEYEFGHLEPR	AGAP007625-PA	-	77	3.50E-07	1	1706.808	3.55	Malpighian tubule	2L:-:48385119-48385078	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_98491	QAVQFIGNHQTDPQQWTSAK	AGAP007625-PA	-	44	0.000497107	1	2284.118	3.33	Malpighian tubule	2L:-:48385047-48384988	exon=> In CDS Exon 3 of transcript AGAP007625-PA
JHU_Ag_16217	AEQVLDPQNGK	AGAP007626-PA	-	66	2.87E-06	2	1198.607	0.67	Ovary	2L:+:48386604-48386636	exon=> In CDS Exon 3 of transcript AGAP007626-PA
JHU_Ag_58889	ISLYSVETGK	AGAP007626-PA	-	60	0.00001015	2	1096.586	-2.74	Ovary	2L:+:48386574-48386603	exon=> In CDS Exon 3 of transcript AGAP007626-PA
JHU_Ag_89451	YSPDSANVISVSEDK	AGAP007626-PA	-	124	5.66E-12	2	1610.755	0.2	Ovary	2L:+:48387090-48387134	exon=> In CDS Exon 4 of transcript AGAP007626-PA
JHU_Ag_90665	MYSLLHK	AGAP007626-PA	N-Term(Acetyl), M1(Oxidation)	37	0.002465197	1	949.481	0.32	Ovary	2L:+:48385970-48385972,48386040-48386057	exon=> In CDS Exon 1 and 2 of transcript AGAP007626-PA
JHU_Ag_92209	FTLSIAYSPDGK	AGAP007626-PA	-	40	0.001188237	2	1298.662	-0.54	Ovary	2L:+:48386637-48386657,48386715-48386729	exon=> In CDS Exon 3 and 4 of transcript AGAP007626-PA
JHU_Ag_93231	VAQTLEGHAMSVR	AGAP007626-PA	M10(Oxidation)	61	1.13E-05	1	1414.708	-2.18	Ovary	2L:+:48386790-48386828	exon=> In CDS Exon 4 of transcript AGAP007626-PA
JHU_Ag_96190	DFIVTGGVDDTVK	AGAP007626-PA	-	57	2.76E-05	2	1365.687	-1.76	Ovary	2L:+:48386208-48386246	exon=> In CDS Exon 2 of transcript AGAP007626-PA
JHU_Ag_100184	YIASGAIDGIINIFDVAAGK	AGAP007626-PA	-	168	1.27E-16	1	2008.077	1.12	Ovary	2L:+:48386730-48386789	exon=> In CDS Exon 4 of transcript AGAP007626-PA
JHU_Ag_106318	IWDVLPDR	AGAP007626-PA	-	39	0.001241771	2	1013.540	-1.83	Male reproductive organs	2L:+:48386247-48386270	exon=> In CDS Exon 2 of transcript AGAP007626-PA
JHU_Ag_43384	IILLR	AGAP007628-PA,AGAP003703-PA,AGAP001392-PA,AGAP011441-PA,AGAP009156-PA,AGAP003345-PA,AGAP009805-PI	-	20	0.005597189	1	627.458	3.92	Head	2L:+:48467993-48468007;2R:+:42178363-42178377;2R:-:4149882-4149868;3L:+:24737428-24737442;3R:+:27706925-27706939;2R:-:36327203-36327189;3R:-:43683248-43683234	exon=> In CDS Exon 6 of transcript AGAP007628-PA;exon=> In CDS Exon 4 of transcript AGAP003703-PA;exon=> In CDS Exon 4 of transcript AGAP001392-PA;exon=> In CDS Exon 5 of transcript AGAP011441-PA;exon=> In CDS Exon 2 of transcript AGAP009156-PA;exon=> In CDS Exon 2 of transcript AGAP003345-PA;exon=> In CDS Exon 1 of transcript AGAP009805-PI

JHU_Ag_302	LGYFNLDAENK	AGAP007629-PB	-	80	1.51E-07	2	1283.631	3.19	Salivary gland	2L:+:48478826-48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_395	LHENPEYTWHPSNSGR	AGAP007629-PB	-	45	0.000387627	1	1923.875	0.71	Head	2L:+:48479273-48479320	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_683	CAPAYYGFSEDGCHACDCDPSGSK	AGAP007629-PB	C1(Carbamidomethyl), C13(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	25	0.000861234	1	2711.001	4.08	Ovary	2L:+:48480730-48480801	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_761	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	90	1.46E-08	1	1611.770	1.29	Ovary	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_1517	EKWTAISDTGVPVDVK	AGAP007629-PB	-	67	2.23E-06	2	1744.914	1.6	Ovary	2L:+:48478961-48479008	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_1586	NVHECKPCNCNGYSTK	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl), N11(Deamidated),"C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)"	75	1.40E-07	1	1967.822	3	Malpighian tubule	2L:+:48477679-48477697,48478407-48478435	exon=> In CDS Exon 2 and 3 of transcript AGAP007629-PB
JHU_Ag_1615	TVYFLAPDRFLGDQR	AGAP007629-PB	-	47	0.000230946	1	1797.929	0.2	Ovary	2L:+:48479057-48479101	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_2584	DTYGLPDSLSVMNGEDESR	AGAP007629-PB	M12(Oxidation), N13(Deamidated),M12(Oxidation)	103	4.34E-10	1	2084.908	0.33	Malpighian tubule	2L:+:48477214-48477270	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_3078	QLDNAIELLQTEGNTALAR	AGAP007629-PB	-	106	2.77E-10	2	2070.076	-3.35	Visceras	2L:+:48481276-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_3531	RQLDNAIELLQTEGNTALAR	AGAP007629-PB	-	97	1.51E-09	1	2226.194	4.7	Malpighian tubule	2L:+:48481273-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_3980	EIDVNSLDDLERR	AGAP007629-PB	-	67	2.71E-06	1	1573.783	0.89	Ovary	2L:+:48482664-48482694,48482772-48482779	exon=> In CDS Exon 8 and 9 of transcript AGAP007629-PB
JHU_Ag_4580	GYYGNALGGTPYDCKR	AGAP007629-PB	C14(Carbamidomethyl)	56	2.61E-05	1	1791.811	-0.35	Head	2L:+:48479666-48479713	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_4692	EIDVNSLDDLER	AGAP007629-PB	-	75	4.58E-07	1	1417.685	2.92	Salivary gland	2L:+:48482664-48482694,48482772-48482776	exon=> In CDS Exon 8 and 9 of transcript AGAP007629-PB
JHU_Ag_4900	RAEEALNLVPNIER	AGAP007629-PB	-	42	0.000513046	2	1623.888	4.07	Pupa	2L:+:48482080-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_5729	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	-	102	9.46E-10	1	2349.137	0.47	Pupa	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_5734	HQGCLDCPACYNLVQDAANDHR	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	137	8.34E-14	1	2614.098	0.13	Visceras	2L:+:48480895-48480960	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_7792	EDGYCINCGCDPVGSR	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	70	1.12E-07	1	1858.719	2.04	Salivary gland	2L:+:48478553-48478600	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_8371	HAEICDSETGR	AGAP007629-PB	C5(Carbamidomethyl)	60	4.12E-06	1	1274.543	-0.12	Midgut	2L:+:48479582-48479614	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_8506	TVYFLAPDR	AGAP007629-PB	-	48	0.000136471	1	1081.569	1.09	Ovary	2L:+:48479057-48479083	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_9675	CLPFYNDAPWGR	AGAP007629-PB	C1(Carbamidomethyl)	50	0.000127 03	1	1495.680	0.82	Midgut	2L:+:48477631-48477666	exon=> In CDS Exon 2 of transcript AGAP007629-PB

JHU_Ag_9831	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	91	1.15E-08	1	1752.889	5.04	Head	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_9891	NVHECKPCNCNGYSTK	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), N9(Deamidated), C10(Carbamidomethyl),"C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl), N11(Deamidated)"	34	0.001330826	1	1968.793	-3.52	Pupa	2L:+:48477679-48477697,48478407-48478435	exon=> In CDS Exon 2 and 3 of transcript AGAP007629-PB
JHU_Ag_10599	ASLQKEDAVDALK	AGAP007629-PB	-	50	0.000149133	2	1387.746	2.14	Salivary gland	2L:+:48481915-48481953	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_10719	IDILVEDAK	AGAP007629-PB	-	54	7.74E-05	1	1015.567	-0.12	Ovary	2L:+:48481066-48481092	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_10934	IDILVEDAK	AGAP007629-PB	-	53	6.74E-05	2	1015.570	3.01	Salivary gland	2L:+:48481066-48481092	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_11521	DTYGLPDSLSVMNGEDESR	AGAP007629-PB	M12(Oxidation), N13(Deamidated),M12(Oxidation)	106	1.74E-10	1	2100.903	0.08	Midgut	2L:+:48477214-48477270	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_11672	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	-	117	3.22E-11	2	2349.139	1.34	Midgut	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_11952	GYYGNALGGTPYDCK	AGAP007629-PB	C14(Carbamidomethyl)	66	1.88E-06	1	1635.716	3.38	Salivary gland	2L:+:48479666-48479710	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_12346	LLDNADQSQEVTNHK	AGAP007629-PB	-	107	3.46E-10	2	1711.831	3.85	Larva	2L:+:48481171-48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_12857	RAEEALNLVPNIER	AGAP007629-PB	-	90	8.47E-09	1	1623.883	1.29	Ovary	2L:+:48482080-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_13390	NVHECKPCNCNGYSTK	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), N9(Deamidated), C10(Carbamidomethyl),"C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl), N11(Deamidated)"	35	0.001190137	1	1968.812	6.25	Larva	2L:+:48477679-48477697,48478407-48478435	exon=> In CDS Exon 2 and 3 of transcript AGAP007629-PB
JHU_Ag_13394	CICQHNTAGDTCDQCAK	AGAP007629-PB	C1(Carbamidomethyl), C3(Carbamidomethyl), C12(Carbamidomethyl), C15(Carbamidomethyl)	34	0.000503396	1	2038.792	4.38	Larva	2L:+:48479615-48479665	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_15161	HQGCLDCPACYNLVQDAANDHR	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	33	0.002081941	1	2614.102	1.66	Salivary gland	2L:+:48480895-48480960	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_15234	AEEALNLVPNIER	AGAP007629-PB	-	86	2.49E-08	2	1467.787	4.53	Malpighian tubule	2L:+:48482083-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_16241	LAELNQILQDIQSKPIVIDDSEFAGK	AGAP007629-PB	-	204	2.43E-20	1	2884.531	0.19	Midgut	2L:+:48480967-48481044	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_16273	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	126	4.32E-12	1	1752.886	3.09	Malpighian tubule	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_16563	SFDITYIR	AGAP007629-PB	-	38	0.001596307	2	1014.526	0.78	Pupa	2L:+:48477088-48477111	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_17235	CLPFYNDAPWGR	AGAP007629-PB	C1(Carbamidomethyl)	37	0.002521726	1	1495.683	2.53	Malpighian tubule	2L:+:48477631-48477666	exon=> In CDS Exon 2 of transcript AGAP007629-PB

JHU_Ag_17383	TVYFLAPDRFLGDQR	AGAP007629-PB	-	42	0.000782 29	1	1797.939	5.7	Malpighian tubule	2L:+:48479057-48479101	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_17493	LSSLVEAK	AGAP007629-PB	-	42	0.000818 242	2	846.496	2.88	Malpighian tubule	2L:+:48482828-48482851	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_17719	GYYGNALGGTPYDCKR	AGAP007629-PB	C14(Carbamidomethyl)	66	2.93E-06	2	1791.815	1.9	Ovary	2L:+:48479666-48479713	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_18138	RQLDNAIELLQTEGNTALAR	AGAP007629-PB	-	77	1.85E-07	1	2226.185	0.42	Midgut	2L:+:48481273-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_18382	CDSNYFNFGPHGCQPCNCDER	AGAP007629-PB	C1(Carbamidomethyl), N4(Deamidated), C13(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	54	9.77E-07	1	2634.954	1.72	Ovary	2L:+:48478670-48478732	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_19158	LQLVGQPR	AGAP007629-PB	-	34	0.001235 433	1	910.546	-1	Pupa	2L:+:48479132-48479155	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_20019	AVAEGDGTLQK	AGAP007629-PB	-	60	2.19E-05	1	1088.559	0.21	Malpighian tubule	2L:+:48481987-48482019	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_20611	NAQTAQDKYAEEASK	AGAP007629-PB	-	50	0.000168 08	1	1653.774	1.36	Malpighian tubule	2L:+:48482285-48482329	exon=> In CDS Exon 7 of transcript AGAP007629-PB
JHU_Ag_20926	LGYFNLDAENK	AGAP007629-PB	-	76	3.81E-07	1	1283.630	2.52	Malpighian tubule	2L:+:48478826-48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_21109	IVFHSPRPESFAIYK	AGAP007629-PB	-	48	0.000143 972	1	1790.965	3.63	Malpighian tubule	2L:+:48477112-48477156	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_21409	GYYGNALGGTPYDCK	AGAP007629-PB	C14(Carbamidomethyl)	65	2.22E-06	2	1635.710	-0.72	Head	2L:+:48479666-48479710	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_21759	ELDTSISSEIAQAR	AGAP007629-PB	Q12(Deamidated)	87	3.26E-08	2	1519.762	1.46	Ovary	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_22122	GSQCNQYGQCPCNDNVEGRR	AGAP007629-PB	C4(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	96	5.82E-10	1	2398.975	3.13	Malpighian tubule	2L:+:48480802-48480861	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_22266	AEEALYAASR	AGAP007629-PB	-	64	5.82E-06	2	1080.531	-0.71	Pupa	2L:+:48482155-48482163,48482243-48482263	exon=> In CDS Exon 6 and 7 of transcript AGAP007629-PB
JHU_Ag_23516	AEEALYAASR	AGAP007629-PB	-	65	5.99E-06	2	1080.535	2.68	Malpighian tubule	2L:+:48482155-48482163,48482243-48482263	exon=> In CDS Exon 6 and 7 of transcript AGAP007629-PB
JHU_Ag_23569	GSQCNQYGQCPCNDNVEGR	AGAP007629-PB	C4(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	45	2.08E-05	1	2242.866	0.1	Visceras	2L:+:48480802-48480858	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_23642	CELCSDGYYGDPTGVYGSVR	AGAP007629-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	109	5.61E-11	2	2254.947	3.79	Malpighian tubule	2L:+:48479882-48479941	exon=> In CDS Exon 4 of transcript AGAP007629-PB
JHU_Ag_23793	DHAQLLENVGTNIELAETLLDR	AGAP007629-PB	-	83	5.17E-08	1	2464.273	2.18	Malpighian tubule	2L:+:48481774-48481838,48481914-48481914	exon=> In CDS Exon 5 and 6 of transcript AGAP007629-PB
JHU_Ag_23869	CKCNGHASECTTSTALDGQR	AGAP007629-PB	C1(Carbamidomethyl), C3(Carbamidomethyl), C10(Carbamidomethyl)	47	9.46E-05	3	2252.951	2.89	Malpighian tubule	2L:+:48477520-48477579	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_24481	CELCSDGYYGDPTGVYGSVR	AGAP007629-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	42	0.000220 028	2	2254.933	-2.16	Pupa	2L:+:48479882-48479941	exon=> In CDS Exon 4 of transcript AGAP007629-PB
JHU_Ag_26220	HQGCLDCPACYNLVQDAANDHR	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	115	1.07E-11	1	2614.094	-1.56	Midgut	2L:+:48480895-48480960	exon=> In CDS Exon 5 of transcript AGAP007629-PB

JHU_Ag_26453	LAELNQILQDIQSKPIVIDDSEFAGK	AGAP007629-PB	-	78	8.15E-08	3	2884.534	1.33	Pupa	2L:+:48480967-48481044	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_26466	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	-	108	2.52E-10	1	2349.148	5.31	Malpighian tubule	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_27008	VGQAQLNSNEAKSQVDK	AGAP007629-PB	-	47	0.000347948	1	1815.925	2.88	Malpighian tubule	2L:+:48482565-48482615	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_28375	RLSSLVEAK	AGAP007629-PB	-	30	0.007216438	1	1002.590	-3.88	Head	2L:+:48482825-48482851	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_28715	EDGYCINCGCDPVGSR	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	65	4.23E-07	1	1858.721	2.89	Malpighian tubule	2L:+:48478553-48478600	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_28766	LQLVGQPR	AGAP007629-PB	-	38	0.000592678	1	910.546	-0.59	Midgut	2L:+:48479132-48479155	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_28920	GISICDAINGNCHCKPNVIGR	AGAP007629-PB	C5(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	67	2.42E-06	1	2355.122	4.55	Malpighian tubule	2L:+:48480508-48480570	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_29094	GGPFMPCVPCDCNK	AGAP007629-PB	M5(Oxidation), C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl),"C 7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)"	38	0.000340435	1	1654.651	1.45	Ovary	2L:+:48479540-48479581	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_29267	DGNIAFSSLEGRPSAINFDHHLELQQW VTATDIR	AGAP007629-PB	-	52	5.78E-05	1	3837.898	1	Midgut	2L:+:48477313-48477414	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_29490	GSQCNQYGQCPCNDNVEGR	AGAP007629-PB	C4(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	56	1.87E-06	1	2242.874	3.45	Malpighian tubule	2L:+:48480802-48480858	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_29865	QLDNAIELLQTEGNTALAR	AGAP007629-PB	-	120	1.15E-11	1	2070.087	2.31	Malpighian tubule	2L:+:48481276-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_29941	IDILVEDAK	AGAP007629-PB	-	53	6.88E-05	1	1015.569	2.35	Larva	2L:+:48481066-48481092	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_30245	ELDTSISSEIAQAR	AGAP007629-PB	-	99	2.29E-09	1	1519.765	3.39	Head	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_30766	GYYGNALGGTPYDCK	AGAP007629-PB	C14(Carbamidomethyl)	84	3.08E-08	1	1635.711	0.17	Midgut	2L:+:48479666-48479710	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_31183	EKWTAISDTGVPVDVK	AGAP007629-PB	-	92	7.41E-09	2	1744.912	0.06	Midgut	2L:+:48478961-48479008	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_31242	MPSEESHEFAFR	AGAP007629-PB	M1(Oxidation)	96	1.10E-09	2	1482.632	0.33	Midgut	2L:+:48479237-48479272	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_31301	YNSHSQSIGVGANGHR	AGAP007629-PB	N13(Deamidated)	76	3.73E-07	1	1684.787	4.88	Larva	2L:+:48479009-48479056	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_31357	AEEALYAASR	AGAP007629-PB	-	43	0.000839123	2	1080.533	0.42	Male reproductive organs	2L:+:48482155-48482163,48482243-48482263	exon=> In CDS Exon 6 and 7 of transcript AGAP007629-PB
JHU_Ag_32075	MPSEESHEFAFR	AGAP007629-PB	M1(Oxidation)	87	1.24E-08	1	1466.639	1.37	Ovary	2L:+:48479237-48479272	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_32086	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	-	51	0.00013341	1	2349.142	2.66	Visceras	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB

JHU_Ag_32737	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	77	3.08E-07	1	1611.770	0.83	Head	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_33835	YNSHSQSIGVGANGHR	AGAP007629-PB	Q6(Deamidated),N13(Deamidated)	51	0.000112944	2	1684.784	3.45	Ovary	2L:+:48479009-48479056	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_34566	QATWIEQCTCPEGYLGQFCESCAPGYR	AGAP007629-PB	C8(Carbamidomethyl), C10(Carbamidomethyl), C19(Carbamidomethyl), C22(Carbamidomethyl)	46	6.54E-05	1	3268.360	0.26	Visceras	2L:+:48479444-48479524	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_34602	VGQAQLNSNEAK	AGAP007629-PB	-	63	6.22E-06	2	1258.643	3.83	Malpighian tubule	2L:+:48482565-48482600	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_35137	TVYFLAPDR	AGAP007629-PB	-	42	0.000554679	1	1081.569	1.43	Salivary gland	2L:+:48479057-48479083	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_35421	GYYGNALGGTPYDCKR	AGAP007629-PB	C14(Carbamidomethyl)	98	1.69E-09	1	1791.808	-2.18	Midgut	2L:+:48479666-48479713	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_36786	VGQAQLNSNEAK	AGAP007629-PB	-	69	1.78E-06	2	1258.639	-0.05	Male reproductive organs	2L:+:48482565-48482600	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_37676	LLDNADQSQEVTNHK	AGAP007629-PB	N13(Deamidated)	52	9.75E-05	1	1711.825	-0.01	Malpighian tubule	2L:+:48481171-48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_38247	LSAAEKELEDAQLTK	AGAP007629-PB	-	73	7.46E-07	1	1645.872	4.77	Malpighian tubule	2L:+:48482780-48482824	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_38713	EIDVNSLDDLER	AGAP007629-PB	-	52	7.61E-05	2	1417.684	2.57	Malpighian tubule	2L:+:48482664-48482694,48482772-48482776	exon=> In CDS Exon 8 and 9 of transcript AGAP007629-PB
JHU_Ag_39167	RAEEALNLVPNIER	AGAP007629-PB	-	90	8.62E-09	1	1623.877	-2.7	Head	2L:+:48482080-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_39267	RAEEALNLVPNIER	AGAP007629-PB	-	59	8.66E-06	2	1623.884	1.44	Malpighian tubule	2L:+:48482080-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_40630	GGPFMPCVPCDCNK	AGAP007629-PB	C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	30	0.001657482	2	1638.655	1.19	Malpighian tubule	2L:+:48479540-48479581	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_40876	GSLDNTPSCDPVTGVCSCKENVEGR	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	92	4.54E-09	1	2738.194	4.45	Head	2L:+:48478733-48478807	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_41068	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	129	5.20E-13	1	2053.864	0.91	Malpighian tubule	2L:+:48478733-48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_41238	GISICDAINGNCHCKPNVIGR	AGAP007629-PB	C5(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	103	5.81E-10	1	2355.113	0.66	Head	2L:+:48480508-48480570	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_41299	IVFHSPRPESFAIYKR	AGAP007629-PB	-	76	1.70E-07	1	1947.060	-0.15	Ovary	2L:+:48477112-48477159	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_41456	CELCSDGYYGDPTGVYGSVR	AGAP007629-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	96	1.03E-09	1	2254.944	2.6	Head	2L:+:48479882-48479941	exon=> In CDS Exon 4 of transcript AGAP007629-PB
JHU_Ag_41596	LTEQALTR	AGAP007629-PB	-	52	0.000112423	2	931.524	2.99	Salivary gland	2L:+:48481597-48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_41837	NAQTAQDKYAEEASK	AGAP007629-PB	-	127	2.93E-12	1	1653.772	0.37	Head	2L:+:48482285-48482329	exon=> In CDS Exon 7 of transcript AGAP007629-PB
JHU_Ag_41977	EDGYCINCGCDPVGSR	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	64	4.62E-07	1	1858.720	2.56	Head	2L:+:48478553-48478600	exon=> In CDS Exon 3 of transcript AGAP007629-PB

JHU_Ag_42181	DGNIAFSSLEGRPSAINFDHHLELQQWVTATDIR	AGAP007629-PB	-	51	5.73E-05	1	3837.920	6.54	Ovary	2L:+:48477313-48477414	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_42201	LHENPEYTWHPSNSGR	AGAP007629-PB	-	71	9.07E-07	1	1923.873	-0.34	Visceras	2L:+:48479273-48479320	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_42335	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	72	8.86E-07	2	1611.772	2.27	Larva	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_43320	GYYGNALGGTPYDCK	AGAP007629-PB	C14(Carbamidomethyl)	82	5.34E-08	2	1635.712	0.47	Malpighian tubule	2L:+:48479666-48479710	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_43531	DLHHEADQLNGR	AGAP007629-PB	Q8(Deamidated),N10(Deamidated)	59	1.75E-05	1	1404.669	4.97	Midgut	2L:+:48482445-48482480	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_43762	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	140	1.56E-13	1	1752.880	-0.12	Midgut	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_43882	ASLQKEDAVDALK	AGAP007629-PB	-	113	6.74E-11	1	1387.743	-0.15	Midgut	2L:+:48481915-48481953	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_43884	DHAQLLENVGTNIELAETLLDR	AGAP007629-PB	-	83	5.06E-08	1	2464.278	4.11	Ovary	2L:+:48481774-48481838,48481914-48481914	exon=> In CDS Exon 5 and 6 of transcript AGAP007629-PB
JHU_Ag_43966	HAEICDSETGR	AGAP007629-PB	C5(Carbamidomethyl)	49	4.79E-05	2	1274.544	0.36	Ovary	2L:+:48479582-48479614	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_44591	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	-	108	2.61E-10	1	2349.140	1.72	Salivary gland	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_44816	IVFHSPRPESFAIYK	AGAP007629-PB	-	82	6.03E-08	1	1790.960	0.41	Ovary	2L:+:48477112-48477156	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_45305	SLQCNAEGR	AGAP007629-PB	C4(Carbamidomethyl)	47	0.000179062	2	1034.469	0.25	Midgut	2L:+:48478601-48478627	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_45443	LSAAEKELEDAQLTK	AGAP007629-PB	-	62	9.61E-06	1	1645.869	2.69	Ovary	2L:+:48482780-48482824	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_45472	EADRIAEDLANK	AGAP007629-PB	-	49	0.000165626	1	1344.677	1.45	Ovary	2L:+:48481732-48481767	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_45579	VGQAQLNSNEAK	AGAP007629-PB	-	63	6.80E-06	2	1258.640	0.73	Ovary	2L:+:48482565-48482600	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_45859	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	46	9.91E-05	1	2053.865	1.03	Ovary	2L:+:48478733-48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_46538	QLDNAIELLQTEGNTALAR	AGAP007629-PB	-	57	2.07E-05	1	2070.092	4.63	Larva	2L:+:48481276-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_46760	FRLQLVGQPR	AGAP007629-PB	-	47	0.000102272	2	1213.717	0.52	Ovary	2L:+:48479126-48479155	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_46876	SLQCNAEGR	AGAP007629-PB	C4(Carbamidomethyl)	61	7.99E-06	1	1034.471	2.14	Malpighian tubule	2L:+:48478601-48478627	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_47326	LTEQALTR	AGAP007629-PB	-	52	0.000118347	2	931.521	0.11	Ovary	2L:+:48481597-48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_47330	CMHFTDGPDCDR	AGAP007629-PB	C1(Carbamidomethyl), M2(Oxidation), C10(Carbamidomethyl)	39	4.44E-05	2	1526.539	-4.45	Midgut	2L:+:48477595-48477630	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_47796	LTEQALTR	AGAP007629-PB	-	35	0.006237367	2	931.521	0.7	Head	2L:+:48481597-48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_47909	VGQAQLNSNEAK	AGAP007629-PB	-	50	0.000126535	2	1258.641	1.99	Salivary gland	2L:+:48482565-48482600	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_48202	HAEICDSETGR	AGAP007629-PB	C5(Carbamidomethyl)	39	0.000487785	1	1274.539	-3.09	Head	2L:+:48479582-48479614	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_49012	EIDVNSLDDLER	AGAP007629-PB	-	75	3.70E-07	2	1417.682	0.94	Head	2L:+:48482664-48482694,48482772-48482776	exon=> In CDS Exon 8 and 9 of transcript AGAP007629-PB

JHU_Ag_51337	YNSHSQSIGVGANGHR	AGAP007629-PB	N13(Deamidated)	90	1.14E-08	1	1684.773	-3.27	Pupa	2L:+:48479009-48479056	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_52304	VTPNGPWIPYQYYSATCR	AGAP007629-PB	C17(Carbamidomethyl)	35	0.00433602	1	2173.020	1.33	Salivary gland	2L:+:48477160-48477213	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_52469	WTAISDTGVPVDVK	AGAP007629-PB	-	87	3.37E-08	2	1487.775	0.81	Ovary	2L:+:48478967-48479008	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_52568	QLDNAIELLQTEGNTALAR	AGAP007629-PB	-	82	5.79E-08	2	2070.091	3.84	Pupa	2L:+:48481276-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_52577	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	-	38	0.002633389	1	2349.149	5.62	Larva	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_52596	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	76	1.05E-07	2	2053.871	4	Pupa	2L:+:48478733-48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_53156	TVYFLAPDR	AGAP007629-PB	-	41	0.000913477	2	1081.568	0.08	Male reproductive organs	2L:+:48479057-48479083	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_53357	QLDNAIELLQTEGNTALAR	AGAP007629-PB	-	101	7.75E-10	1	2070.082	-0.17	Midgut	2L:+:48481276-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_54603	GISICDAINGNCHCKPNVIGR	AGAP007629-PB	C5(Carbamidomethyl), N9(Deamidated), C12(Carbamidomethyl), C14(Carbamidomethyl)	68	2.12E-06	1	2356.106	4.31	Larva	2L:+:48480508-48480570	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_55297	HQGCLDCPACYNLVQDAANDHR	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	122	2.51E-12	1	2614.098	-0.01	Head	2L:+:48480895-48480960	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_55363	LLDNADQSQEVTNHK	AGAP007629-PB	-	65	4.88E-06	1	1711.826	0.53	Visceras	2L:+:48481171-48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_55447	LHENPEYTWHPSNSGR	AGAP007629-PB	-	94	4.43E-09	1	1923.874	0.14	Ovary	2L:+:48479273-48479320	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_55561	AEEALNLVPNIER	AGAP007629-PB	-	74	3.94E-07	1	1467.783	2.12	Midgut	2L:+:48482083-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_56123	IDILVEDAK	AGAP007629-PB	-	52	8.19E-05	1	1015.570	2.41	Malpighian tubule	2L:+:48481066-48481092	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_56580	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	100	1.51E-09	1	1611.767	-0.6	Midgut	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_56633	YNSHSQSIGVGANGHR	AGAP007629-PB	N13(Deamidated)	66	3.42E-06	3	1684.779	0	Male reproductive organs	2L:+:48479009-48479056	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_56704	LAELNQILQDIQSKPIVIDDSEFAGK	AGAP007629-PB	-	168	7.91E-17	1	2884.543	4.25	Ovary	2L:+:48480967-48481044	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_57424	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	Q17(Deamidated)	90	1.59E-08	1	2349.147	4.68	Ovary	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_57545	LNTFGDEVFGDAQVLK	AGAP007629-PB	Q13(Deamidated)	122	1.09E-11	1	1752.887	3.92	Ovary	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_57868	AVAEGDGTLQK	AGAP007629-PB	-	53	0.000106914	2	1088.558	-0.13	Midgut	2L:+:48481987-48482019	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_57893	LLDNADQSQEVTNHK	AGAP007629-PB	-	111	1.32E-10	1	1711.831	3.64	Head	2L:+:48481171-48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_57914	SYFYAIADIAVGAR	AGAP007629-PB	-	102	1.14E-09	1	1516.780	0.21	Midgut	2L:+:48477478-48477519	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_58302	EIDVNSLDDLER	AGAP007629-PB	-	80	1.32E-07	2	1417.679	-1.13	Midgut	2L:+:48482664-48482694,48482772-48482776	exon=> In CDS Exon 8 and 9 of transcript AGAP007629-PB
JHU_Ag_60026	ASLQKEDAVDALK	AGAP007629-PB	-	50	0.000135577	2	1387.749	4.33	Malpighian tubule	2L:+:48481915-48481953	exon=> In CDS Exon 6 of transcript AGAP007629-PB

JHU_Ag_60379	AIYGDYGEAILDDVELQTAHR	AGAP007629-PB	-	103	8.89E-10	1	2349.142	2.5	Head	2L:+:48479366-48479428	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_60616	MRDHAQLLENVGTNIELAETLLDR	AGAP007629-PB	M1(Oxidation)	44	0.000423864	1	2767.420	5.73	Ovary	2L:+:48481768-48481838,48481914-48481914	exon=> In CDS Exon 5 and 6 of transcript AGAP007629-PB
JHU_Ag_60665	GYYGNALGGTPYDCKR	AGAP007629-PB	C14(Carbamidomethyl)	77	2.08E-07	1	1791.820	4.36	Larva	2L:+:48479666-48479713	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_60849	GYYGNALGGTPYDCKR	AGAP007629-PB	C14(Carbamidomethyl)	85	3.47E-08	1	1791.819	3.74	Malpighian tubule	2L:+:48479666-48479713	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_61030	GISICDAINGNCHCKPNVIGR	AGAP007629-PB	C5(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl),"C 5(Carbamidomethyl), N9(Deamidated), C12(Carbamidomethyl), C14(Carbamidomethyl)"	84	5.53E-08	1	2355.113	0.74	Ovary	2L:+:48480508-48480570	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_61206	ELDTSISSEIAQAR	AGAP007629-PB	-	92	1.28E-08	2	1519.767	4.59	Malpighian tubule	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_61213	LGYFNLDAENK	AGAP007629-PB	-	56	3.34E-05	2	1283.626	-0.33	Head	2L:+:48478826-48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_61248	EDGYCINCGCDPVGSR	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	90	9.19E-10	1	1858.714	-0.59	Midgut	2L:+:48478553-48478600	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_61712	ELDTSISSEIAQAR	AGAP007629-PB	-	98	2.70E-09	1	1519.760	-0.06	Midgut	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_62183	LSSLVEAKNIQNQNIR	AGAP007629-PB	-	99	6.91E-10	2	1827.015	3.8	Malpighian tubule	2L:+:48482828-48482875	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_62295	EKVGQAQLNSNEAK	AGAP007629-PB	-	87	2.85E-08	1	1515.780	2.38	Malpighian tubule	2L:+:48482559-48482600	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_63048	EDGYCINCGCDPVGSR	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	41	8.06E-05	2	1858.717	0.73	Ovary	2L:+:48478553-48478600	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_63085	ASYNRLFK	AGAP007629-PB	-	32	0.004637712	1	998.544	2.42	Malpighian tubule	2L:+:48479102-48479125	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_63502	TVYFLAPDR	AGAP007629-PB	-	54	5.03E-05	1	1081.567	-0.71	Midgut	2L:+:48479057-48479083	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_63920	GGPFMPCVPCDCNK	AGAP007629-PB	M5(Oxidation), C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	27	0.003435 88	1	1654.648	-0.32	Midgut	2L:+:48479540-48479581	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_64550	HQGCLDCPACYNLVQDAANDHR	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	132	3.35E-13	1	2614.115	6.5	Larva	2L:+:48480895-48480960	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_64905	RAEEALNLVPNIER	AGAP007629-PB	-	36	0.001923438	2	1623.882	0.61	Salivary gland	2L:+:48482080-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_65037	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	87	3.04E-08	2	1611.777	5.45	Malpighian tubule	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_65062	LSSLVEAK	AGAP007629-PB	-	41	0.000911 56	2	846.493	-0.43	Head	2L:+:48482828-48482851	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_65579	GYYGNALGGTPYDCK	AGAP007629-PB	C14(Carbamidomethyl)	50	7.55E-05	2	1635.712	0.55	Ovary	2L:+:48479666-48479710	exon=> In CDS Exon 3 of transcript AGAP007629-PB

JHU_Ag_65703	SFDITYIR	AGAP007629-PB	-	34	0.004336 27	2	1014.526	0.12	Ovary	2L:+:48477088- 48477111	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_66192	RLSSLVEAK	AGAP007629-PB	-	36	0.001578 161	1	1002.595	0.32	Ovary	2L:+:48482825- 48482851	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_66698	LGYFNLDAENK	AGAP007629-PB	N5(Deamidated),N10(Deamidated)	77	3.15E-07	1	1283.628	0.72	Ovary	2L:+:48478826- 48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_66983	WTAISDTGVPVDVK	AGAP007629-PB	-	37	0.003199 813	2	1487.779	3.44	Larva	2L:+:48478967- 48479008	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_67100	HQGCLDCPACYNLVQDAANDHR	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	119	6.01E-12	1	2614.107	3.49	Ovary	2L:+:48480895- 48480960	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_67521	ELDTSISSEIAQAR	AGAP007629-PB	-	79	2.51E-07	2	1519.766	4.03	Pupa	2L:+:48481531- 48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_68014	AEEALNLVPNIER	AGAP007629-PB	-	80	9.80E-08	2	1467.782	1.04	Ovary	2L:+:48482083- 48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_69085	FLGDQR	AGAP007629-PB	-	39	0.001684 1	2	735.378	-0.15	Midgut	2L:+:48479084- 48479101	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_69418	LTEQALTR	AGAP007629-PB	-	59	2.28E-05	2	931.524	3.78	Larva	2L:+:48481597- 48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_69476	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	113	1.87E-11	1	2053.861	-0.52	Head	2L:+:48478733- 48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_69485	GSQCNQYGQCPCNDNVEGRR	AGAP007629-PB	C4(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	55	7.94E-06	1	2398.976	3.66	Ovary	2L:+:48480802- 48480861	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_69574	CIHNTAGPHCDQCLPGHFGDPLAEPHGSCEECSCYPR	AGAP007629-PB	C1(Carbamidomethyl), C10(Carbamidomethyl), C13(Carbamidomethyl), C29(Carbamidomethyl), C32(Carbamidomethyl), C34(Carbamidomethyl)	115	4.33E-12	1	4322.757	3.7	Ovary	2L:+:48480026- 48480071,484804 22-48480486	exon=> In CDS Exon 4 and 5 of transcript AGAP007629-PB
JHU_Ag_70463	VTPNGPWIPYQYYSATCR	AGAP007629-PB	C17(Carbamidomethyl)	85	4.51E-08	1	2173.019	0.65	Ovary	2L:+:48477160- 48477213	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_70919	AVAEGDGTLQK	AGAP007629-PB	-	35	0.005861 849	1	1088.559	0.43	Ovary	2L:+:48481987- 48482019	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_71193	YNSHSQSIGVGANGHR	AGAP007629-PB	-	85	4.95E-08	1	1683.795	0.43	Visceras	2L:+:48479009- 48479056	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_71407	LGYFNLDAENK	AGAP007629-PB	-	76	3.53E-07	1	1283.629	1.57	Pupa	2L:+:48478826- 48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_71661	LGYFNLDAENK	AGAP007629-PB	-	88	2.25E-08	2	1283.625	-1.66	Midgut	2L:+:48478826- 48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_71903	LGYFNLDAENK	AGAP007629-PB	-	70	1.59E-06	1	1283.628	0.81	Visceras	2L:+:48478826- 48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_72000	DLHHEADQLNGR	AGAP007629-PB	N10(Deamidated)	70	1.56E-06	1	1404.670	6.19	Ovary	2L:+:48482445- 48482480	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_73753	EVSLIMSELANLR	AGAP007629-PB	M6(Oxidation)	102	8.66E-10	1	1474.793	-0.39	Midgut	2L:+:48482625- 48482663	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_73824	LLDNADQSQEVTNHK	AGAP007629-PB	-	65	4.83E-06	1	1711.829	2.67	Salivary gland	2L:+:48481171- 48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB

JHU_Ag_73977	VTPNGPWIPYQYYSATCR	AGAP007629-PB	C17(Carbamidomethyl)	76	3.39E-07	1	2173.022	2.22	Head	2L:+:48477160-48477213	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_74414	EVSLIMSELANLR	AGAP007629-PB	M6(Oxidation)	101	1.07E-09	1	1490.790	1.22	Ovary	2L:+:48482625-48482663	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_74840	LSAAEKELEDAQLTK	AGAP007629-PB	-	62	9.81E-06	2	1645.863	-0.57	Midgut	2L:+:48482780-48482824	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_75152	MRDHAQLLENVGTNIELAETLLDR	AGAP007629-PB	M1(Oxidation)	43	0.000467 56	3	2767.414	3.35	Midgut	2L:+:48481768-48481838,48481914-48481914	exon=> In CDS Exon 5 and 6 of transcript AGAP007629-PB
JHU_Ag_75612	SFDITYIR	AGAP007629-PB	-	55	3.45E-05	2	1014.525	-0.24	Midgut	2L:+:48477088-48477111	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_75682	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	100	1.59E-09	2	1752.886	2.95	Salivary gland	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_76340	CELCSDGYYGDPTGVYGSVR	AGAP007629-PB	C1(Carbamidomethyl), C4(Carbamidomethyl)	97	7.89E-10	1	2254.940	0.65	Midgut	2L:+:48479882-48479941	exon=> In CDS Exon 4 of transcript AGAP007629-PB
JHU_Ag_77169	LLDNADQSQEVTNHK	AGAP007629-PB	N4(Deamidated),Q9(Deamidated)	83	8.10E-08	1	1711.834	5.28	Ovary	2L:+:48481171-48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_77406	TVYFLAPDR	AGAP007629-PB	-	49	0.000119 41	1	1081.572	4.14	Larva	2L:+:48479057-48479083	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_79026	AEEALYAASR	AGAP007629-PB	-	64	6.39E-06	2	1080.535	2.8	Ovary	2L:+:48482155-48482163,48482243-48482263	exon=> In CDS Exon 6 and 7 of transcript AGAP007629-PB
JHU_Ag_80363	ASLQKEDAVDALK	AGAP007629-PB	-	37	0.002680 783	2	1387.745	1.26	Head	2L:+:48481915-48481953	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_80856	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	111	1.34E-10	1	1752.886	3.09	Pupa	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_81273	CAPAYYGFSEDGCHACDCDPSGSK	AGAP007629-PB	C1(Carbamidomethyl), C13(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	61	2.61E-07	1	2711.001	3.81	Midgut	2L:+:48480730-48480801	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_81708	HQGCLDCPACYNLVQDAANDHRAK	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	51	5.08E-05	1	2813.239	3.1	Malpighian tubule	2L:+:48480895-48480966	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_81963	NAQTAQDKYAEEASK	AGAP007629-PB	-	70	1.63E-06	1	1653.773	0.66	Midgut	2L:+:48482285-48482329	exon=> In CDS Exon 7 of transcript AGAP007629-PB
JHU_Ag_82079	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	69	2.27E-06	2	1752.883	1.76	Male reproductive organs	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_82364	ASLQKEDAVDALK	AGAP007629-PB	-	73	6.97E-07	2	1387.744	0.9	Ovary	2L:+:48481915-48481953	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_83153	LEVANIELIANSLPPGCFK	AGAP007629-PB	C17(Carbamidomethyl)	42	0.000596 197	2	2085.110	2.59	Ovary	2L:+:48482906-48482962	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_83980	DTYGLPDSLSVMNGEDESR	AGAP007629-PB	N13(Deamidated),"M12(Oxidation), N13(Deamidated)",M12(Oxidation)	93	2.24E-09	1	2101.890	1.53	Ovary	2L:+:48477214-48477270	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_84668	NIQNQNIR	AGAP007629-PB	-	41	0.000946 999	2	999.533	0.02	Midgut	2L:+:48482852-48482875	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_85105	VTPNGPWIPYQYYSATCR	AGAP007629-PB	C17(Carbamidomethyl)	120	1.39E-11	1	2173.023	2.45	Malpighian tubule	2L:+:48477160-48477213	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_85128	IDILVEDAK	AGAP007629-PB	-	63	9.57E-06	2	1015.567	0	Midgut	2L:+:48481066-48481092	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_85244	SYFYAIADIAVGAR	AGAP007629-PB	-	84	5.35E-08	2	1516.787	5.12	Malpighian tubule	2L:+:48477478-48477519	exon=> In CDS Exon 2 of transcript AGAP007629-PB

JHU_Ag_86003	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	77	7.22E-08	1	2053.862	-0.04	Visceras	2L:+:48478733-48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_87035	RQLDNAIELLQTEGNTALAR	AGAP007629-PB	-	34	0.002603418	3	2226.202	8.07	Larva	2L:+:48481273-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_87686	FGCTPCFCYGHTLECTSASGYSIVSTTSNFNK	AGAP007629-PB	C3(Carbamidomethyl), C6(Carbamidomethyl), C8(Carbamidomethyl), C15(Carbamidomethyl)	78	6.76E-08	1	3653.545	0.28	Head	2L:+:48478859-48478954	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_87889	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	57	8.44E-06	2	2053.862	-0.16	Midgut	2L:+:48478733-48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_89389	IDILVEDAK	AGAP007629-PB	-	50	0.000114422	2	1015.569	1.51	Pupa	2L:+:48481066-48481092	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_89530	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	74	6.66E-07	1	1752.887	3.5	Visceras	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_90060	ASEALKK	AGAP007629-PB	-	42	0.000430408	2	746.441	-0.25	Salivary gland	2L:+:48481471-48481491	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_90478	GSLDNTPSCDPVTGVCSCKENVEGR	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	91	5.85E-09	1	2738.189	2.71	Malpighian tubule	2L:+:48478733-48478807	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_90711	ELDTSISSEIAQAR	AGAP007629-PB	-	91	1.68E-08	2	1519.761	0.42	Male reproductive organs	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_90886	LLDNADQSQEVTNHK	AGAP007629-PB	-	44	0.000636838	1	1711.824	-0.65	Pupa	2L:+:48481171-48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_90894	SFDITYIR	AGAP007629-PB	-	36	0.003050439	2	1014.525	-0.36	Visceras	2L:+:48477088-48477111	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_90898	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	102	9.65E-10	1	1611.770	1.21	Visceras	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_91116	ITLDRLNTFGDEVFGDAQVLK	AGAP007629-PB	-	64	3.66E-06	1	2351.228	1.74	Ovary	2L:+:48477415-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_91296	GTEQTEKGISICDAINGNCHCKPNVIGR	AGAP007629-PB	C12(Carbamidomethyl), N16(Deamidated), C19(Carbamidomethyl), C21(Carbamidomethyl),"C12(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl)","C12(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl), N24(Deamidated)"	131	1.04E-12	1	3128.481	4.54	Malpighian tubule	2L:+:48480487-48480570	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_91302	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	76	3.60E-07	1	1611.773	2.88	Pupa	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_91759	AEEALYAASR	AGAP007629-PB	-	77	3.32E-07	2	1080.531	-0.71	Midgut	2L:+:48482155-48482163,48482243-48482263	exon=> In CDS Exon 6 and 7 of transcript AGAP007629-PB

JHU_Ag_91799	LGYFNLDAENK	AGAP007629-PB	-	79	1.83E-07	1	1283.633	5.19	Larva	2L:+:48478826-48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_92089	EIDVNSLDDLER	AGAP007629-PB	-	80	1.42E-07	2	1417.682	0.85	Ovary	2L:+:48482664-48482694,48482772-48482776	exon=> In CDS Exon 8 and 9 of transcript AGAP007629-PB
JHU_Ag_93253	ELDTSISSEIAQAR	AGAP007629-PB	-	98	3.24E-09	2	1519.761	0.42	Salivary gland	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_93316	AEEALYAASR	AGAP007629-PB	-	71	1.33E-06	2	1080.533	0.87	Salivary gland	2L:+:48482155-48482163,48482243-48482263	exon=> In CDS Exon 6 and 7 of transcript AGAP007629-PB
JHU_Ag_93752	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	65	4.51E-06	2	1611.770	0.91	Male reproductive organs	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_94224	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	57	6.75E-06	1	2053.857	-2.42	Salivary gland	2L:+:48478733-48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_94380	EVSLIMSELANLR	AGAP007629-PB	M6(Oxidation)	43	0.000753881	1	1490.792	2.29	Salivary gland	2L:+:48482625-48482663	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_94519	LHENPEYTWHPSNSGR	AGAP007629-PB	-	94	4.42E-09	1	1923.877	1.86	Midgut	2L:+:48479273-48479320	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_94961	LQLVGQPR	AGAP007629-PB	-	32	0.001399806	1	910.552	5.38	Malpighian tubule	2L:+:48479132-48479155	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_94992	LAELNQILQDIQSKPIVIDDSEFAGK	AGAP007629-PB	-	88	9.18E-09	3	2884.529	-0.57	Head	2L:+:48480967-48481044	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_96867	HAEICDSETGR	AGAP007629-PB	C5(Carbamidomethyl)	59	6.03E-06	1	1274.547	2.85	Malpighian tubule	2L:+:48479582-48479614	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_96899	QLDNAIELLQTEGNTALAR	AGAP007629-PB	-	106	2.56E-10	1	2070.088	2.78	Head	2L:+:48481276-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_97135	GSLDNTPSCDPVTGVCSCK	AGAP007629-PB	C9(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	106	1.08E-10	1	2053.869	3.28	Larva	2L:+:48478733-48478789	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_97240	RAEEALNLVPNIER	AGAP007629-PB	-	70	8.06E-07	1	1623.881	-0.07	Midgut	2L:+:48482080-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_97953	WTAISDTGVPVDVK	AGAP007629-PB	-	63	7.68E-06	2	1487.777	1.88	Malpighian tubule	2L:+:48478967-48479008	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_98114	LNTVSKLTEQALTR	AGAP007629-PB	-	85	1.36E-08	1	1573.898	4.61	Malpighian tubule	2L:+:48481579-48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_98323	ALCTSEYSDISPLR	AGAP007629-PB	C3(Carbamidomethyl)	58	2.30E-05	2	1611.772	2.05	Salivary gland	2L:+:48477271-48477312	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_98462	LTEQALTR	AGAP007629-PB	-	46	0.000454989	2	931.521	0.3	Male reproductive organs	2L:+:48481597-48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_98602	ELDTSISSEIAQAR	AGAP007629-PB	-	97	4.02E-09	2	1519.767	4.35	Larva	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_98867	ELDTSISSEIAQAR	AGAP007629-PB	-	99	2.42E-09	1	1519.761	0.98	Visceras	2L:+:48481531-48481572	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_99882	GYYGNALGGTPYDCK	AGAP007629-PB	C14(Carbamidomethyl)	92	5.27E-09	1	1635.722	6.74	Larva	2L:+:48479666-48479710	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_100128	SFDITYIR	AGAP007629-PB	-	44	0.000419492	2	1014.526	0	Male reproductive organs	2L:+:48477088-48477111	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_100307	VTPNGPWIPYQYYSATCR	AGAP007629-PB	C17(Carbamidomethyl)	102	8.48E-10	1	2173.013	-2.16	Visceras	2L:+:48477160-48477213	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_100373	EIDVNSLDDLERR	AGAP007629-PB	-	64	7.44E-06	1	1573.787	3.45	Midgut	2L:+:48482664-48482694,48482772-48482779	exon=> In CDS Exon 8 and 9 of transcript AGAP007629-PB

JHU_Ag_100675	RAEEALNLVPNIER	AGAP007629-PB	-	72	4.84E-07	1	1623.879	-1.27	Visceras	2L:+:48482080-48482121	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_100802	VTPNGPWIPYQYYSATCR	AGAP007629-PB	C17(Carbamidomethyl),"N4(Deamidated), C17(Carbamidomethyl)"	58	2.25E-05	1	2173.017	-0.02	Midgut	2L:+:48477160-48477213	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_100999	DLHHEADQLNGR	AGAP007629-PB	-	61	1.09E-05	1	1404.664	2.02	Head	2L:+:48482445-48482480	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_101358	LGYFNLDAENK	AGAP007629-PB	-	44	0.000505754	2	1283.626	-0.81	Male reproductive organs	2L:+:48478826-48478858	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_101827	AEEALYAASR	AGAP007629-PB	-	36	0.00358319	1	1080.534	1.85	Head	2L:+:48482155-48482163,48482243-48482263	exon=> In CDS Exon 6 and 7 of transcript AGAP007629-PB
JHU_Ag_101960	EVSLIMSELANLR	AGAP007629-PB	-	88	1.67E-08	2	1474.798	2.75	Visceras	2L:+:48482625-48482663	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_102378	GGPFMPCVPCDCNK	AGAP007629-PB	M5(Oxidation), C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	38	0.000401539	1	1654.657	5.51	Larva	2L:+:48479540-48479581	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_102869	IVFHSPRPESFAIYK	AGAP007629-PB	-	61	7.44E-06	1	1790.957	-1.09	Midgut	2L:+:48477112-48477156	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_103183	WTAISDTGVPVDVK	AGAP007629-PB	-	94	5.98E-09	2	1487.773	-0.75	Midgut	2L:+:48478967-48479008	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_104124	CICQHNTAGDTCDQCAK	AGAP007629-PB	C1(Carbamidomethyl), C3(Carbamidomethyl), C12(Carbamidomethyl), C15(Carbamidomethyl)	60	1.14E-06	1	2038.789	2.67	Malpighian tubule	2L:+:48479615-48479665	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_105952	NIQNQNIR	AGAP007629-PB	-	58	1.73E-05	1	999.534	1.42	Malpighian tubule	2L:+:48482852-48482875	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_106054	YNSHSQSIGVGANGHR	AGAP007629-PB	N13(Deamidated)	77	2.68E-07	1	1684.775	-1.99	Midgut	2L:+:48479009-48479056	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_106061	DLNLTNEAKEK	AGAP007629-PB	-	51	0.000163892	1	1274.662	2.88	Malpighian tubule	2L:+:48482532-48482564	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_106265	MPSEESHEFAFR	AGAP007629-PB	M1(Oxidation)	69	8.63E-07	2	1466.641	2.78	Head	2L:+:48479237-48479272	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_107023	LHENPEYTWHPSNSGR	AGAP007629-PB	-	84	5.29E-08	1	1923.885	5.92	Malpighian tubule	2L:+:48479273-48479320	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_107378	EDAVDALK	AGAP007629-PB	-	39	0.002866041	1	860.436	0.21	Midgut	2L:+:48481930-48481953	exon=> In CDS Exon 6 of transcript AGAP007629-PB
JHU_Ag_107988	QATWIEQCTCPEGYLGQFCESCAPGYR	AGAP007629-PB	C8(Carbamidomethyl), C10(Carbamidomethyl), C19(Carbamidomethyl), C22(Carbamidomethyl)	67	6.46E-07	1	3268.367	2.39	Malpighian tubule	2L:+:48479444-48479524	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_108081	VGQAQLNSNEAK	AGAP007629-PB	-	74	5.48E-07	2	1258.639	0.05	Midgut	2L:+:48482565-48482600	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_108240	EDGYCINCGCDPVGSR	AGAP007629-PB	C5(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	65	3.73E-07	1	1858.724	4.6	Larva	2L:+:48478553-48478600	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_108557	EVSLIMSELANLR	AGAP007629-PB	-	32	0.007802217	2	1474.800	4.57	Head	2L:+:48482625-48482663	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_109297	TVYFLAPDR	AGAP007629-PB	-	34	0.003927731	2	1081.571	3.13	Malpighian tubule	2L:+:48479057-48479083	exon=> In CDS Exon 3 of transcript AGAP007629-PB

JHU_Ag_109531	TVYFLAPDR	AGAP007629-PB	-	45	0.000382558	1	1081.568	0.53	Pupa	2L:+:48479057-48479083	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_109639	NAQTAQDKYAEEASK	AGAP007629-PB	-	69	1.86E-06	2	1653.773	0.96	Ovary	2L:+:48482285-48482329	exon=> In CDS Exon 7 of transcript AGAP007629-PB
JHU_Ag_109911	DTYGLPDSLSVMNGEDESR	AGAP007629-PB	M12(Oxidation)	117	1.38E-11	1	2100.907	2.17	Head	2L:+:48477214-48477270	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_110529	LTEQALTR	AGAP007629-PB	-	48	0.000314358	2	931.523	2.33	Malpighian tubule	2L:+:48481597-48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_110646	LTEQALTR	AGAP007629-PB	-	65	6.45E-06	2	931.521	-0.02	Midgut	2L:+:48481597-48481620	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_111817	CDSNYFNFGPHGCQPCNCDER	AGAP007629-PB	C1(Carbamidomethyl), C13(Carbamidomethyl), C16(Carbamidomethyl), C18(Carbamidomethyl)	100	2.97E-11	1	2633.971	2.35	Malpighian tubule	2L:+:48478670-48478732	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_112270	CLPFYNDAPWGR	AGAP007629-PB	C1(Carbamidomethyl)	52	8.00E-05	2	1495.681	1.72	Head	2L:+:48477631-48477666	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_112430	GGPFMPCVPCDCNKHAEICDSETGR	AGAP007629-PB	M5(Oxidation), C7(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl)	43	9.13E-05	1	2910.181	2.64	Malpighian tubule	2L:+:48479540-48479614	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_112607	SFDITYIR	AGAP007629-PB	-	49	0.000126256	2	1014.530	4.09	Malpighian tubule	2L:+:48477088-48477111	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_113469	HQGCLDCPACYNLVQDAANDHR	AGAP007629-PB	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	111	3.75E-11	1	2614.111	4.75	Malpighian tubule	2L:+:48480895-48480960	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_113656	RQLDNAIELLQTEGNTALAR	AGAP007629-PB	-	93	5.11E-09	1	2226.187	1.32	Ovary	2L:+:48481273-48481332	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_113684	LLDNADQSQEVTNHK	AGAP007629-PB	N13(Deamidated)	112	1.05E-10	1	1711.825	0.36	Midgut	2L:+:48481171-48481215	exon=> In CDS Exon 5 of transcript AGAP007629-PB
JHU_Ag_113795	MPSEESHEFAFR	AGAP007629-PB	M1(Oxidation)	82	5.46E-08	1	1466.643	4.03	Malpighian tubule	2L:+:48479237-48479272	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_113798	FGCTPCFCYGHTLECTSASGYSIVSTTSNFNK	AGAP007629-PB	C3(Carbamidomethyl), C6(Carbamidomethyl), C8(Carbamidomethyl), C15(Carbamidomethyl)	54	1.57E-05	1	3653.549	1.38	Visceras	2L:+:48478859-48478954	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_114085	LSSLVEAK	AGAP007629-PB	-	46	0.000292336	2	846.493	0.14	Midgut	2L:+:48482828-48482851	exon=> In CDS Exon 9 of transcript AGAP007629-PB
JHU_Ag_115185	DLHHEADQLNGR	AGAP007629-PB	N10(Deamidated)	63	9.29E-06	1	1404.671	6.8	Malpighian tubule	2L:+:48482445-48482480	exon=> In CDS Exon 8 of transcript AGAP007629-PB
JHU_Ag_115284	CQCKPGVTGEK	AGAP007629-PB	C1(Carbamidomethyl), C3(Carbamidomethyl)	49	0.000157199	1	1263.586	2.96	Malpighian tubule	2L:+:48478628-48478660	exon=> In CDS Exon 3 of transcript AGAP007629-PB
JHU_Ag_115494	DHAQLLENVGTNIELAETLLDR	AGAP007629-PB	-	98	1.85E-09	2	2464.278	3.94	Midgut	2L:+:48481774-48481838,48481914-48481914	exon=> In CDS Exon 5 and 6 of transcript AGAP007629-PB
JHU_Ag_115582	GISICDAINGNCHCKPNVIGR	AGAP007629-PB	C5(Carbamidomethyl), N9(Deamidated), C12(Carbamidomethyl), C14(Carbamidomethyl)	45	0.000374423	1	2356.092	-1.67	Midgut	2L:+:48480508-48480570	exon=> In CDS Exon 5 of transcript AGAP007629-PB

JHU_Ag_117015	ATSKNVHECKPCNCNGYSTK	AGAP007629-PB	C9(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	32	0.004574748	1	2355.032	1.85	Malpighian tubule	2L:+:48477667-48477697,48478407-48478435	exon=> In CDS Exon 2 and 3 of transcript AGAP007629-PB
JHU_Ag_117245	LNTFGDEVFGDAQVLK	AGAP007629-PB	-	112	8.95E-11	1	1752.895	8.1	Larva	2L:+:48477430-48477477	exon=> In CDS Exon 2 of transcript AGAP007629-PB
JHU_Ag_77625	NQWIWR	AGAP007630-PA,AGAP000669-PA	-	36	0.004705537	1	902.464	0.68	Visceras	2L:-:48473174-48473157;X:-:11840699-11840682	exon=> In CDS Exon 1 of transcript AGAP007630-PA;exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_89662	NQWIWR	AGAP007630-PA,AGAP000669-PA	-	40	0.001851988	1	902.463	-0.52	Midgut	2L:-:48473174-48473157;X:-:11840699-11840682	exon=> In CDS Exon 1 of transcript AGAP007630-PA;exon=> In CDS Exon 1 of transcript AGAP000669-PA
JHU_Ag_18039	EIMKLTNVEMAYELER	AGAP007631-PA	N7(Deamidated), M10(Oxidation)	35	0.004106291	3	1985.937	-9.64	Head	2L:+:48487210-48487257	exon=> In CDS Exon 6 of transcript AGAP007631-PA
JHU_Ag_111558	TLVDVLHELFVK	AGAP007631-PA	-	33	0.002480677	1	1412.821	4.34	Midgut	2L:+:48486455-48486490	exon=> In CDS Exon 4 of transcript AGAP007631-PA
JHU_Ag_19764	EREEEAAEEEEKPVDEQK	AGAP007632-PA	-	68	1.64E-06	1	2173.980	3.22	Malpighian tubule	2L:+:48490579-48490632	exon=> In CDS Exon 3 of transcript AGAP007632-PA
JHU_Ag_51322	IIGTCSDTNDCLVAATR	AGAP007632-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	35	0.004209022	2	1866.861	-4.02	Ovary	2L:+:48490414-48490464	exon=> In CDS Exon 3 of transcript AGAP007632-PA
JHU_Ag_87380	ITTICDDFGLLTNLR	AGAP007632-PA	C5(Carbamidomethyl)	43	0.000739339	2	1751.902	1.52	Salivary gland	2L:+:48490255-48490299	exon=> In CDS Exon 3 of transcript AGAP007632-PA
JHU_Ag_32550	VNEYTGPPPQEMETFLPQDGK	AGAP007633-PA	M12(Oxidation)	57	2.43E-05	2	2393.098	0.43	Head	2L:+:48504241-48504246,48504355-48504411	exon=> In CDS Exon 1 and 2 of transcript AGAP007633-PA
JHU_Ag_39958	VNEYTGPPPQEMETFLPQDGKNGATVYK	AGAP007633-PA	M12(Oxidation), N22(Deamidated),"M12(Oxidation), Q18(Deamidated)"	65	3.42E-06	1	3127.459	0.75	Salivary gland	2L:+:48504241-48504246,48508359-48508365	exon=> In CDS Exon 1 and 3 of transcript AGAP007633-PA
JHU_Ag_56210	VNEYTGPPPQEMETFLPQDGKNGATVYK	AGAP007633-PA	M12(Oxidation), N22(Deamidated)	52	6.75E-05	1	3127.450	-2.06	Male reproductive organs	2L:+:48504241-48504246,48508359-48508365	exon=> In CDS Exon 1 and 3 of transcript AGAP007633-PA
JHU_Ag_91837	VNEYTGPPPQEMETFLPQDGKNGATVYK	AGAP007633-PA	N22(Deamidated),"M12(Oxidation), N22(Deamidated)",M12(Oxidation)	132	7.63E-13	1	3126.485	4.04	Malpighian tubule	2L:+:48504241-48504246,48508359-48508365	exon=> In CDS Exon 1 and 3 of transcript AGAP007633-PA
JHU_Ag_101921	VNEYTGPPPQEMETFLPQDGK	AGAP007633-PA	M12(Oxidation)	94	5.10E-09	1	2393.097	0.02	Ovary	2L:+:48504241-48504246,48504355-48504411	exon=> In CDS Exon 1 and 2 of transcript AGAP007633-PA
JHU_Ag_1377	LVEYVMR	AGAP007633-PA,AGAP007633-PE	M6(Oxidation)	36	0.002374845	2	925.479	-2.79	Ovary	2L:+:48509541-48509561;2L:+:48509541-48509561	exon=> In CDS Exon 5 of transcript AGAP007633-PA;exon=> In CDS Exon 5 of transcript AGAP007633-PE
JHU_Ag_6821	KLEHPTTDGETLTHLLK	AGAP007633-PA,AGAP007633-PE	-	60	1.02E-05	1	1933.035	-1.91	Salivary gland	2L:+:48508432-48508451,48508521-48508551;2L:+:48508432-48508451,48508521-48508551	exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PE
JHU_Ag_9719	TAMSFSEIAEVAFENGPEWGR	AGAP007633-PA,AGAP007633-PE	M3(Oxidation)	70	1.17E-06	1	2344.063	3.46	Ovary	2L:+:48508711-48508773;2L:+:48508711-48508773	exon=> In CDS Exon 4 of transcript AGAP007633-PA;exon=> In CDS Exon 4 of transcript AGAP007633-PE

JHU_Ag_11171	SSIQDILALYA	AGAP007633-PA,AGAP007633-PE	-	51	0.000104735	2	1193.643	1.65	Ovary	2L:+:48509790-48509822;2L:+:48509790-48509822	exon=> In CDS Exon 5 of transcript AGAP007633-PA;exon=> In CDS Exon 5 of transcript AGAP007633-PE
JHU_Ag_44873	SDVEANGTIQFDPFKER	AGAP007633-PA,AGAP007633-PE	-	46	0.000385266	1	1952.937	0.86	Salivary gland	2L:+:48508381-48508431;2L:+:48508381-48508431	exon=> In CDS Exon 3 of transcript AGAP007633-PA;exon=> In CDS Exon 3 of transcript AGAP007633-PE
JHU_Ag_48506	LEHPTTDGETLTHLLK	AGAP007633-PA,AGAP007633-PE	-	86	3.40E-08	1	1804.949	2.69	Midgut	2L:+:48508435-48508451,48508521-48508551;2L:+:48508435-48508451,48508521-48508551	exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PE
JHU_Ag_58123	KLEHPTTDGETLTHLLK	AGAP007633-PA,AGAP007633-PE	-	132	6.07E-13	1	1933.037	-0.8	Midgut	2L:+:48508432-48508451,48508521-48508551;2L:+:48508432-48508451,48508521-48508551	exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PE
JHU_Ag_75395	TAMSFSEIAEVAFENGPEWGR	AGAP007633-PA,AGAP007633-PE	M3(Oxidation)	49	0.000129599	3	2344.054	-0.61	Midgut	2L:+:48508711-48508773;2L:+:48508711-48508773	exon=> In CDS Exon 4 of transcript AGAP007633-PA;exon=> In CDS Exon 4 of transcript AGAP007633-PE
JHU_Ag_80595	KLEHPTTDGETLTHLLK	AGAP007633-PA,AGAP007633-PE	-	118	1.39E-11	1	1933.040	0.72	Malpighian tubule	2L:+:48508432-48508451,48508521-48508551;2L:+:48508432-48508451,48508521-48508551	exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PE
JHU_Ag_89973	KLEHPTTDGETLTHLLK	AGAP007633-PA,AGAP007633-PE	-	99	1.08E-09	1	1933.037	-1.03	Male reproductive organs	2L:+:48508432-48508451,48508521-48508551;2L:+:48508432-48508451,48508521-48508551	exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PE
JHU_Ag_91907	KLEHPTTDGETLTHLLK	AGAP007633-PA,AGAP007633-PE	-	120	7.51E-12	1	1933.046	3.46	Ovary	2L:+:48508432-48508451,48508521-48508551;2L:+:48508432-48508451,48508521-48508551	exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PE
JHU_Ag_95547	LEHPTTDGETLTHLLK	AGAP007633-PA,AGAP007633-PE	-	81	1.15E-07	1	1804.939	-2.79	Head	2L:+:48508435-48508451,48508521-48508551;2L:+:48508435-48508451,48508521-48508551	exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP007633-PE
JHU_Ag_117369	SDVEANGTIQFDPFKER	AGAP007633-PA,AGAP007633-PE	-	91	1.16E-08	1	1952.938	1.4	Malpighian tubule	2L:+:48508381-48508431;2L:+:48508381-48508431	exon=> In CDS Exon 3 of transcript AGAP007633-PA;exon=> In CDS Exon 3 of transcript AGAP007633-PE
JHU_Ag_105981	AFLFDVVSK	AGAP007634-PA	-	38	0.001066158	2	1025.567	0.39	Malpighian tubule	2L:-:48513019-48512993	exon=> In CDS Exon 2 of transcript AGAP007634-PA

JHU_Ag_89708	VVEPFVIWGYPNISVVR	AGAP007635-PA	-	63	1.60E-06	1	1974.103	9.37	Ovary	2L:+:48514936-48514986	exon=> In CDS Exon 1 of transcript AGAP007635-PA
JHU_Ag_10029	MNSIVNLFSNFK	AGAP007636-PA	N-Term(Acetyl), M1(Oxidation)	80	1.41E-07	2	1471.725	-0.01	Male reproductive organs	2L:+:48530070-48530105	exon=> In CDS Exon 1 of transcript AGAP007636-PA
JHU_Ag_43755	EDAADGGDVDQQVPDVSSPLK	AGAP007636-PA	-	97	2.84E-09	1	2141.993	4.34	Head	2L:+:48531270-48531332	exon=> In CDS Exon 2 of transcript AGAP007636-PA
JHU_Ag_84271	NPFYAGYGNR	AGAP007636-PA	-	35	0.002546498	2	1158.535	2.26	Head	2L:+:48533287-48533316	exon=> In CDS Exon 3 of transcript AGAP007636-PA
JHU_Ag_69859	ESVAALEDVVGEIVEHHTVDGR	AGAP007637-PA	-	67	3.04E-06	1	2361.188	8.31	Ovary	2L:+:48539468-48539533	exon=> In CDS Exon 2 of transcript AGAP007637-PA
JHU_Ag_275	LATSLSKPAPITADQAVK	AGAP007638-PA	-	73	1.94E-07	1	1811.032	2.49	Larva	2L:-:48541588-48541535	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_1038	VDVDAAPSYR	AGAP007638-PA	-	67	3.77E-06	1	1092.532	-0.36	Salivary gland	2L:-:48541186-48541157	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_1795	VDVDAAPSYR	AGAP007638-PA	-	50	0.000173406	2	1092.531	-1.15	Pupa	2L:-:48541186-48541157	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_3802	QQLQVSVLGK	AGAP007638-PA	-	56	1.83E-05	2	1099.648	0.66	Midgut	2L:-:48541156-48541127	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_4373	GVSVLLEALK	AGAP007638-PA	-	66	1.14E-06	2	1028.637	2.11	Larva	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_5634	AYKFEMDVGAR	AGAP007638-PA	M6(Oxidation)	59	1.52E-05	1	1302.612	-2.04	Midgut	2L:-:48540868-48540836	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_6286	IEEAFVQADEVDGK	AGAP007638-PA	-	97	2.95E-09	1	1549.741	2.02	Ovary	2L:-:48541690-48541649	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_6744	YLIPLALFTFICGNR	AGAP007638-PA	C12(Carbamidomethyl)	65	2.34E-06	2	1797.975	1.76	Midgut	2L:-:48540418-48540374	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_6750	FAAGDSQQQQSVDAAASSR	AGAP007638-PA	-	104	4.94E-10	2	1923.882	1.2	Visceras	2L:-:48540727-48540671	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_6950	LAGLAVDEK	AGAP007638-PA	-	48	0.000348677	1	915.514	-1.11	Midgut	2L:-:48541843-48541817	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_7867	GVSVLLEALK	AGAP007638-PA	-	79	5.11E-08	2	1028.638	2.94	Ovary	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_9025	IEEAFVQADEVDGK	AGAP007638-PA	-	99	2.03E-09	1	1549.742	2.41	Head	2L:-:48541690-48541649	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_9492	VNLVPSKDDATLYTYNLK	AGAP007638-PA	-	86	2.17E-08	1	2054.084	1.83	Salivary gland	2L:-:48541270-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_10391	SNDLQSLYYASANVALPAGDVTSTCKR	AGAP007638-PA	C25(Carbamidomethyl)	97	2.56E-09	1	2901.402	-0.82	Midgut	2L:-:48542185-48542105	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_10858	TTNDALVSK	AGAP007638-PA	-	50	0.000124538	2	948.499	-0.85	Midgut	2L:-:48541297-48541271	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_12957	TVSSHLTAQDQER	AGAP007638-PA	-	53	6.37E-05	2	1471.716	1.45	Male reproductive organs	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_13373	VCDLLGKPLSPALAALSTTVVSR	AGAP007638-PA	C2(Carbamidomethyl)	78	3.58E-08	1	2368.336	3.78	Malpighian tubule	2L:-:48541366-48541298	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_13674	QQLQVSVLGK	AGAP007638-PA	-	36	0.001789069	2	1099.646	-0.57	Pupa	2L:-:48541156-48541127	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_16565	QEIIFVAETDSSK	AGAP007638-PA	-	67	2.63E-06	2	1466.743	3.73	Pupa	2L:-:48540907-48540869	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_16694	TVSSHLTAQDQER	AGAP007638-PA	-	86	3.20E-08	1	1471.717	2.11	Pupa	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_17253	TALVDDASGKPITVHQCFVLLR	AGAP007638-PA	C17(Carbamidomethyl)	75	2.21E-07	1	2440.309	3.02	Salivary gland	2L:-:48540988-48540923	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_17475	DATTAQEIYYNFHSAK	AGAP007638-PA	-	112	1.07E-10	1	1858.866	2.68	Pupa	2L:-:48541891-48541844	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_18654	FAAGDSQQQQSVDAAASSR	AGAP007638-PA	-	160	1.16E-15	1	1923.878	-0.7	Pupa	2L:-:48540727-48540671	exon=> In CDS Exon 3 of transcript AGAP007638-PA

JHU_Ag_22692	KDDSLNSLGHAFAVAAELGTAGSFAYDR	AGAP007638-PA	-	47	0.000284465	1	2883.402	3.93	Malpighian tubule	2L:-:48541774-48541691	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_24341	NFYLIGAR	AGAP007638-PA	-	37	0.001291754	2	953.525	4.56	Larva	2L:-:48541984-48541961	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_25015	QQLQVSVLGK	AGAP007638-PA	-	66	1.89E-06	2	1099.648	0.88	Salivary gland	2L:-:48541156-48541127	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_25582	LAGLAVDEK	AGAP007638-PA	-	41	0.001215905	1	915.515	0.75	Male reproductive organs	2L:-:48541843-48541817	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_26292	IEEAFVQADEVDGK	AGAP007638-PA	-	39	0.001809091	2	1549.738	0.21	Midgut	2L:-:48541690-48541649	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_26312	KPLPEIVHQFR	AGAP007638-PA	-	55	1.05E-05	1	1363.782	-1.9	Head	2L:-:48540670-48540638	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_31703	GVSVLLEALK	AGAP007638-PA	-	74	2.26E-07	2	1028.636	0.81	Male reproductive organs	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_34106	LAGNGQLLPESPVLSVR	AGAP007638-PA	N4(Deamidated),Q6(Deamidated)	54	1.98E-05	2	1750.974	2.25	Pupa	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_35670	SNDLQSLYYASANVALPAGDVTSTCKR	AGAP007638-PA	C25(Carbamidomethyl)	96	2.91E-09	1	2901.401	-1.2	Pupa	2L:-:48542185-48542105	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_37120	DATTAQEIYYNFHSAK	AGAP007638-PA	-	101	1.26E-09	1	1858.863	1.17	Midgut	2L:-:48541891-48541844	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_37336	GVSVLLEALK	AGAP007638-PA	-	40	0.000557248	2	1028.636	0.57	Visceras	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_37566	DDATLYTYNLK	AGAP007638-PA	-	86	3.78E-08	1	1316.638	1.1	Head	2L:-:48541249-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_39204	LATSLSKPAPITADQAVK	AGAP007638-PA	-	95	1.66E-09	1	1811.027	-0.04	Ovary	2L:-:48541588-48541535	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_40361	FAAGDSQQQQSVDAAASSR	AGAP007638-PA	-	100	1.19E-09	2	1923.880	0.25	Salivary gland	2L:-:48540727-48540671	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_40451	GVSVLLEALK	AGAP007638-PA	-	82	3.46E-08	2	1028.636	0.69	Pupa	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_41335	TALVDDASGKPITVHQCFVLLR	AGAP007638-PA	C17(Carbamidomethyl)	121	5.68E-12	1	2440.307	2.27	Malpighian tubule	2L:-:48540988-48540923	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_44021	NFYLIGAR	AGAP007638-PA	-	50	6.67E-05	2	953.521	0.97	Pupa	2L:-:48541984-48541961	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_44829	YLIPLALFTFICGNR	AGAP007638-PA	C12(Carbamidomethyl)	50	8.22E-05	2	1797.985	7.4	Salivary gland	2L:-:48540418-48540374	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_45490	LATSLSKPAPITADQAVK	AGAP007638-PA	-	64	1.88E-06	1	1811.028	0.07	Male reproductive organs	2L:-:48541588-48541535	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_46431	TALVDDASGKPITVHQCFVLLR	AGAP007638-PA	C17(Carbamidomethyl)	116	1.75E-11	1	2440.310	3.4	Ovary	2L:-:48540988-48540923	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_48163	VDVDAAPSYR	AGAP007638-PA	-	53	8.03E-05	2	1092.528	-3.72	Midgut	2L:-:48541186-48541157	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_48362	EALPAKVETAVK	AGAP007638-PA	-	37	0.001045192	1	1255.724	-1.41	Midgut	2L:-:48541942-48541907	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_49112	QQLQVSVLGK	AGAP007638-PA	-	42	0.000474927	2	1099.647	-0.12	Malpighian tubule	2L:-:48541156-48541127	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_49117	VCDLLGKPLSPALAALSTTVVSR	AGAP007638-PA	C2(Carbamidomethyl)	74	9.81E-08	1	2368.327	-0.17	Midgut	2L:-:48541366-48541298	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_49715	GVSVLLEALK	AGAP007638-PA	-	96	1.20E-09	2	1028.637	1.52	Malpighian tubule	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_50161	FATYFLSR	AGAP007638-PA	-	58	2.48E-05	2	1004.521	0.84	Salivary gland	2L:-:48541534-48541511	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_50463	VNLVPSKDDATLYTYNLK	AGAP007638-PA	-	72	6.39E-07	1	2054.079	-0.66	Male reproductive organs	2L:-:48541270-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_52227	KPLPEIVHQFR	AGAP007638-PA	-	46	7.99E-05	1	1363.785	-0.02	Midgut	2L:-:48540670-48540638	exon=> In CDS Exon 3 of transcript AGAP007638-PA

JHU_Ag_52301	FATYFLSR	AGAP007638-PA	-	48	0.000260928	2	1004.520	0.35	Midgut	2L:-:48541534-48541511	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_53229	TVSSHLTAQDQER	AGAP007638-PA	-	74	5.17E-07	1	1471.719	3.39	Salivary gland	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_53508	FATYFLSR	AGAP007638-PA	-	45	0.000621265	2	1004.522	2.11	Ovary	2L:-:48541534-48541511	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_54173	LATSLSKPAPITADQAVK	AGAP007638-PA	-	89	6.76E-09	1	1811.028	0.47	Salivary gland	2L:-:48541588-48541535	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_54516	KPLPEIVHQFR	AGAP007638-PA	-	58	5.85E-06	1	1363.782	-1.56	Male reproductive organs	2L:-:48540670-48540638	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_55714	NFYLIGAR	AGAP007638-PA	-	51	5.14E-05	1	953.522	1.48	Salivary gland	2L:-:48541984-48541961	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_57463	GVSVLLEALK	AGAP007638-PA	-	82	3.42E-08	2	1028.635	0.1	Salivary gland	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_58282	GVSVLLEALK	AGAP007638-PA	-	59	7.13E-06	2	1028.635	0.1	Head	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_59494	LAGNGQLLPESPVLSVR	AGAP007638-PA	N4(Deamidated)	81	3.82E-08	1	1749.986	0.23	Salivary gland	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_59656	FEMDVGAR	AGAP007638-PA	M3(Oxidation)	42	0.000413355	2	940.418	-1.55	Salivary gland	2L:-:48540859-48540836	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_59707	LAGNGQLLPESPVLSVR	AGAP007638-PA	-	38	0.000714846	2	1749.985	-0.4	Head	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_60507	VNLVPSKDDATLYTYNLK	AGAP007638-PA	-	54	3.83E-05	1	2054.086	2.81	Malpighian tubule	2L:-:48541270-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_62292	LATVLNADSQQK	AGAP007638-PA	-	88	2.64E-08	1	1287.691	0.28	Pupa	2L:-:48541036-48541001	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_62480	VSSLEVGVGDTDSAASSVK	AGAP007638-PA	-	111	1.37E-10	1	1807.895	1.79	Ovary	2L:-:48541120-48541064	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_63995	TVSSHLTAQDQER	AGAP007638-PA	-	101	1.13E-09	1	1471.707	-4.27	Head	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_64903	VNLVPSKDDATLYTYNLK	AGAP007638-PA	-	93	4.77E-09	1	2054.087	3.02	Ovary	2L:-:48541270-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_65558	NFYLIGAR	AGAP007638-PA	-	58	1.14E-05	2	953.520	-0.24	Midgut	2L:-:48541984-48541961	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_67190	LATVLNADSQQK	AGAP007638-PA	-	63	8.42E-06	2	1287.691	0.28	Male reproductive organs	2L:-:48541036-48541001	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_67196	DATTAQEIYYNFHSAK	AGAP007638-PA	-	117	3.23E-11	1	1858.864	1.7	Ovary	2L:-:48541891-48541844	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_67386	LFTLHGESK	AGAP007638-PA	-	38	0.003355006	1	1031.549	-3.21	Pupa	2L:-:48542104-48542078	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_68514	LAGLAVDEK	AGAP007638-PA	-	51	0.000184681	2	915.514	-0.4	Pupa	2L:-:48541843-48541817	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_69850	LAGNGQLLPESPVLSVR	AGAP007638-PA	N4(Deamidated)	48	7.07E-05	2	1750.976	3.22	Malpighian tubule	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_70377	TVSSHLTAQDQER	AGAP007638-PA	-	103	7.17E-10	1	1471.716	1.7	Malpighian tubule	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_71739	DATTAQEIYYNFHSAK	AGAP007638-PA	-	102	1.04E-09	1	1858.863	1.5	Head	2L:-:48541891-48541844	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_73308	LAGLAVDEK	AGAP007638-PA	-	78	2.24E-07	2	915.503	-12.4	Salivary gland	2L:-:48541843-48541817	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_74124	QEIIFVAETDSSK	AGAP007638-PA	-	48	0.000237866	2	1466.737	-0.6	Salivary gland	2L:-:48540907-48540869	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_74296	FAAGDSQQQQSVDAAASSR	AGAP007638-PA	-	145	3.42E-14	1	1923.874	-2.93	Ovary	2L:-:48540727-48540671	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_75052	KPLPEIVHQFR	AGAP007638-PA	-	45	0.000130853	1	1363.787	1.73	Malpighian tubule	2L:-:48540670-48540638	exon=> In CDS Exon 3 of transcript AGAP007638-PA

JHU_Ag_75388	FAAGDSQQQQSVDAAASSR	AGAP007638-PA	-	149	1.29E-14	1	1923.877	-0.96	Midgut	2L:-:48540727-48540671	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_75558	SNDLQSLYYASANVALPAGDVTSTCKR	AGAP007638-PA	C25(Carbamidomethyl)	64	5.42E-06	1	2901.402	-1.13	Salivary gland	2L:-:48542185-48542105	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_76982	NFYLIGAR	AGAP007638-PA	-	51	7.68E-05	2	953.519	-1.91	Male reproductive organs	2L:-:48541984-48541961	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_77013	LAGNGQLLPESPVLSVR	AGAP007638-PA	N4(Deamidated),Q6(Deamidated)	92	3.31E-09	1	1750.970	0.3	Midgut	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_77750	GVSVLLEALK	AGAP007638-PA	-	80	5.39E-08	2	1028.635	-0.5	Midgut	2L:-:48541489-48541460	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_78356	VSSLEVGVGDTDSAASSVKR	AGAP007638-PA	-	85	5.47E-08	1	1963.999	3.02	Ovary	2L:-:48541120-48541061	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_79017	LATSLSKPAPITADQAVK	AGAP007638-PA	-	39	0.000662516	1	1811.029	1.02	Malpighian tubule	2L:-:48541588-48541535	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_79289	FAAGDSQQQQSVDAAASSR	AGAP007638-PA	-	106	2.93E-10	1	1923.884	2.53	Head	2L:-:48540727-48540671	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_79786	VNLVPSKDDATLYTYNLK	AGAP007638-PA	-	112	6.25E-11	1	2054.079	-0.54	Midgut	2L:-:48541270-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_79903	FATYFLSR	AGAP007638-PA	-	55	4.77E-05	2	1004.519	-1.11	Pupa	2L:-:48541534-48541511	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_80503	FATYFLSR	AGAP007638-PA	-	53	7.89E-05	2	1004.519	-0.74	Male reproductive organs	2L:-:48541534-48541511	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_82527	DDATLYTYNLK	AGAP007638-PA	-	63	7.88E-06	1	1316.644	5.18	Midgut	2L:-:48541249-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_83098	VDVDAAPSYR	AGAP007638-PA	-	41	0.001396576	2	1092.531	-1.15	Ovary	2L:-:48541186-48541157	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_84266	DATTAQEIYYNFHSAK	AGAP007638-PA	-	116	4.03E-11	1	1858.862	0.58	Salivary gland	2L:-:48541891-48541844	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_84607	VSSLEVGVGDTDSAASSVKR	AGAP007638-PA	-	78	2.48E-07	1	1963.991	-1.36	Salivary gland	2L:-:48541120-48541061	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_85345	SNDLQSLYYASANVALPAGDVTSTCKR	AGAP007638-PA	C25(Carbamidomethyl)	133	5.75E-13	1	2901.412	2.59	Ovary	2L:-:48542185-48542105	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_85522	IEEAFVQADEVDGK	AGAP007638-PA	-	97	2.92E-09	1	1549.740	0.99	Pupa	2L:-:48541690-48541649	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_86337	LATSLSKPAPITADQAVK	AGAP007638-PA	-	116	1.10E-11	1	1811.025	-1.28	Midgut	2L:-:48541588-48541535	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_87184	LFTLHGESK	AGAP007638-PA	-	41	0.001241205	2	1031.555	2.71	Malpighian tubule	2L:-:48542104-48542078	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_89491	TVSSHLTAQDQER	AGAP007638-PA	-	68	1.89E-06	1	1471.715	0.62	Midgut	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_90096	TVSSHLTAQDQER	AGAP007638-PA	-	83	7.25E-08	1	1471.714	-0.04	Ovary	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_90522	DATTAQEIYYNFHSAK	AGAP007638-PA	-	109	2.08E-10	1	1858.866	2.81	Malpighian tubule	2L:-:48541891-48541844	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_91352	LATVLNADSQQK	AGAP007638-PA	-	67	3.36E-06	1	1287.691	0.18	Ovary	2L:-:48541036-48541001	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_91739	VCDLLGKPLSPALAALSTTVVSR	AGAP007638-PA	C2(Carbamidomethyl)	89	2.46E-09	1	2368.337	4.32	Ovary	2L:-:48541366-48541298	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_91930	QEIIFVAETDSSK	AGAP007638-PA	-	58	2.32E-05	2	1466.737	-0.27	Midgut	2L:-:48540907-48540869	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_92234	LNDFEK	AGAP007638-PA	-	36	0.002567035	2	765.377	-1.26	Midgut	2L:-:48542077-48542316,48540332-48541985	exon=> In CDS Exon 3 and 2 of transcript AGAP007638-PA
JHU_Ag_92719	LATVLNADSQQK	AGAP007638-PA	-	52	9.71E-05	1	1287.694	2.93	Malpighian tubule	2L:-:48541036-48541001	exon=> In CDS Exon 3 of transcript AGAP007638-PA

JHU_Ag_94668	EALPAKVETAVK	AGAP007638-PA	-	34	0.001819575	2	1255.717	-7.05	Salivary gland	2L:-:48541942-48541907	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_95580	DATTAQEIYYNFHSAK	AGAP007638-PA	-	117	3.07E-11	1	1858.859	-0.93	Male reproductive organs	2L:-:48541891-48541844	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_95769	LAGNGQLLPESPVLSVR	AGAP007638-PA	-	42	0.000210488	1	1749.992	3.79	Visceras	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_96250	LFTLHGESK	AGAP007638-PA	-	34	0.007721351	2	1031.549	-3.21	Head	2L:-:48542104-48542078	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_96512	VDVDAAPSYR	AGAP007638-PA	-	42	0.001049102	2	1092.532	0.19	Male reproductive organs	2L:-:48541186-48541157	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_97790	NFYLIGAR	AGAP007638-PA	-	39	0.000857393	2	953.524	3.47	Ovary	2L:-:48541984-48541961	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_98614	SGLYEVR	AGAP007638-PA	-	48	0.000224876	2	823.431	-0.05	Pupa	2L:-:48540814-48540794	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_100398	LAGNGQLLPESPVLSVR	AGAP007638-PA	-	63	2.02E-06	1	1749.989	2.04	Ovary	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_100576	LATVLNADSQQK	AGAP007638-PA	-	79	1.80E-07	1	1287.691	0.37	Salivary gland	2L:-:48541036-48541001	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_101306	SGLYEVR	AGAP007638-PA	-	64	3.70E-06	2	823.436	5.96	Salivary gland	2L:-:48540814-48540794	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_101933	VSSLEVGVGDTDSAASSVK	AGAP007638-PA	-	88	2.78E-08	2	1807.888	-2.19	Pupa	2L:-:48541120-48541064	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_102204	VNLVPSKDDATLYTYNLK	AGAP007638-PA	-	79	1.13E-07	1	2054.081	0.41	Pupa	2L:-:48541270-48541217	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_103563	VDVDAAPSYR	AGAP007638-PA	-	48	0.000235595	1	1092.533	1.31	Malpighian tubule	2L:-:48541186-48541157	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_103655	KPLPEIVHQFR	AGAP007638-PA	-	47	6.93E-05	1	1363.784	-0.42	Salivary gland	2L:-:48540670-48540638	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_104203	LAGNGQLLPESPVLSVR	AGAP007638-PA	N4(Deamidated)	48	7.84E-05	1	1750.973	2.04	Male reproductive organs	2L:-:48541417-48541367	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_104965	LATSLSKPAPITADQAVK	AGAP007638-PA	-	94	1.75E-09	1	1811.028	0.07	Pupa	2L:-:48541588-48541535	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_105220	LNDFEKNFYLIGAR	AGAP007638-PA	-	97	2.73E-09	1	1699.886	3.59	Ovary	2L:-:48542077-48542316,48540332-48541961	exon=> In CDS Exon 3 and 2 of transcript AGAP007638-PA
JHU_Ag_106594	VCDLLGKPLSPALAALSTTVVSR	AGAP007638-PA	C2(Carbamidomethyl)	85	5.39E-09	1	2368.340	5.48	Salivary gland	2L:-:48541366-48541298	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_106852	LIVGDALLSNSFQWHLADLELK	AGAP007638-PA	-	50	6.30E-05	3	2482.334	0.12	Midgut	2L:-:48540793-48540728	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_107521	VSSLEVGVGDTDSAASSVK	AGAP007638-PA	-	88	2.57E-08	2	1807.898	3.14	Salivary gland	2L:-:48541120-48541064	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_108465	VSSLEVGVGDTDSAASSVK	AGAP007638-PA	-	127	3.55E-12	1	1807.891	-0.37	Midgut	2L:-:48541120-48541064	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_108764	LAGLAVDEKVR	AGAP007638-PA	-	64	2.47E-06	1	1170.687	2.15	Ovary	2L:-:48541843-48541811	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_110939	VCDLLGKPLSPALAALSTTVVSR	AGAP007638-PA	C2(Carbamidomethyl)	55	6.99E-06	1	2368.335	3.47	Visceras	2L:-:48541366-48541298	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_111913	FATYFLSR	AGAP007638-PA	-	40	0.001437212	1	1004.520	0.29	Malpighian tubule	2L:-:48541534-48541511	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_113351	VSSLEVGVGDTDSAASSVK	AGAP007638-PA	-	70	1.59E-06	2	1807.895	1.52	Male reproductive organs	2L:-:48541120-48541064	exon=> In CDS Exon 3 of transcript AGAP007638-PA
JHU_Ag_116691	TVSSHLTAQDQER	AGAP007638-PA	-	88	1.98E-08	1	1471.718	3.03	Larva	2L:-:48542254-48542216	exon=> In CDS Exon 2 of transcript AGAP007638-PA
JHU_Ag_500	LNIIIVSEGAIDRDGNPITAEK	AGAP007642-PA	-	157	1.19E-15	1	2338.267	2.5	Visceras	2L:-:48595538-48595473	exon=> In CDS Exon 4 of transcript AGAP007642-PA

JHU_Ag_3803	DGNPITAEK	AGAP007642-PA	-	58	1.43E-05	2	944.470	1.32	Visceras	2L:-:48595499-48595473	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_4673	TFIMEVMGR	AGAP007642-PA	-	77	2.27E-07	1	1083.535	1.93	Visceras	2L:-:48599070-48599044	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_4858	FADIAAR	AGAP007642-PA	-	53	0.000102 54	2	763.409	-0.46	Head	2L:-:48594779-48594759	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_5333	DLQQDVYHMASK	AGAP007642-PA	M9(Oxidation)	77	2.75E-07	1	1450.664	0.49	Head	2L:-:48594401-48594366	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_10898	LNIIIVSEGAIDR	AGAP007642-PA	-	115	1.91E-11	1	1412.815	3.2	Visceras	2L:-:48595538-48595500	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_11129	LNIIIVSEGAIDR	AGAP007642-PA	-	114	2.26E-11	2	1412.815	2.86	Head	2L:-:48595538-48595500	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_11188	GITNLVVIGGDGSLTGANLFR	AGAP007642-PA	-	140	5.44E-14	1	2074.135	2.92	Head	2L:-:48599349-48599287	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_11682	VPLMECVER	AGAP007642-PA	M4(Oxidation), C6(Carbamidomethyl)	52	9.58E-05	2	1148.544	-0.14	Head	2L:-:48595196-48595170	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_13856	ITVLGHVQR	AGAP007642-PA	-	66	7.64E-07	1	1022.611	0.3	Visceras	2L:-:48595430-48595404	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_13975	ELIGETNFMQR	AGAP007642-PA	M9(Oxidation)	70	1.45E-06	1	1353.648	0.53	Malpighian tubule	2L:-:48594035-48595295,48593788-48593923	exon=> In CDS Exon 6 and 5 of transcript AGAP007642-PA
JHU_Ag_15918	GDTVMGIHDGIEGLVAGHIK	AGAP007642-PA	M5(Oxidation)	59	1.81E-05	1	2035.035	3.47	Larva	2L:-:48594923-48594864	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_16301	LNIIIVSEGAIDRDGNPITAEK	AGAP007642-PA	-	71	4.23E-07	1	2338.265	1.33	Ovary	2L:-:48595538-48595473	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_16944	LYSEEGKGLFSTR	AGAP007642-PA	-	71	1.05E-06	1	1486.760	4.36	Malpighian tubule	2L:-:48594284-48594246	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_18550	LQAAHNLVSR	AGAP007642-PA	-	85	2.19E-08	1	1108.622	0.14	Head	2L:-:48599379-48599350	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_20785	LNIIIVSEGAIDRDGNPITAEK	AGAP007642-PA	-	98	9.94E-10	1	2338.259	-1.02	Midgut	2L:-:48595538-48595473	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_21451	ITVLGHVQR	AGAP007642-PA	-	42	0.000204 715	1	1022.614	3.22	Larva	2L:-:48595430-48595404	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_21614	ITVLGHVQR	AGAP007642-PA	-	41	0.000248 972	1	1022.611	0.18	Salivary gland	2L:-:48595430-48595404	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_21736	HQWWLKLRPLLR	AGAP007642-PA	-	55	2.85E-06	1	1645.987	4.01	Malpighian tubule	2L:-:48593913-48593878	exon=> In CDS Exon 6 of transcript AGAP007642-PA
JHU_Ag_21796	ELIGETNFMQR	AGAP007642-PA	M9(Oxidation)	89	1.84E-08	1	1353.648	0.89	Visceras	2L:-:48594035-48595295,48593788-48593923	exon=> In CDS Exon 6 and 5 of transcript AGAP007642-PA
JHU_Ag_23525	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	72	6.10E-07	1	1887.004	3.49	Pupa	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_23534	GITNLVVIGGDGSLTGANLFR	AGAP007642-PA	-	131	4.48E-13	1	2074.129	-0.26	Malpighian tubule	2L:-:48599349-48599287	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_23673	CVEWLVEQLK	AGAP007642-PA	C1(Carbamidomethyl)	50	0.000170 158	2	1303.670	-1.12	Midgut	2L:-:48594164-48594135	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_24152	GDTVMGIHDGIEGLVAGHIK	AGAP007642-PA	M5(Oxidation)	81	1.21E-07	1	2035.028	0.14	Malpighian tubule	2L:-:48594923-48594864	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_25358	GGNPSAFDRVLGCR	AGAP007642-PA	C13(Carbamidomethyl)	39	0.002034 216	1	1505.734	3.85	Malpighian tubule	2L:-:48595403-48595559,48594010-48595287	exon=> In CDS Exon 5 and 4 of transcript AGAP007642-PA
JHU_Ag_27220	GIAVFTSGGDSQGMNAAVR	AGAP007642-PA	M14(Oxidation)	76	4.44E-07	1	1853.883	0.79	Male reproductive organs	2L:-:48601259-48601203	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_28045	AMEDKNWELAVQLR	AGAP007642-PA	M2(Oxidation)	74	7.30E-07	1	1718.855	0.89	Midgut	2L:-:48595151-48595110	exon=> In CDS Exon 5 of transcript AGAP007642-PA

JHU_Ag_28050	ICDKLEQER	AGAP007642-PA	C2(Carbamidomethyl)	38	0.002493012	1	1190.584	0.04	Head	2L:-:48598720-48598808,48595371-48595554	exon=> In CDS Exon 4 and 3 of transcript AGAP007642-PA
JHU_Ag_28307	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	116	2.70E-11	1	1887.002	2.72	Midgut	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_31317	MGAEAVLALMEADDKTEPCVVSLDGNQAVR	AGAP007642-PA	C19(Carbamidomethyl)," M1(Oxidation), C19(Carbamidomethyl)"," M1(Oxidation), M10(Oxidation), C19(Carbamidomethyl)"," M10(Oxidation), C19(Carbamidomethyl)"	182	8.94E-18	1	3221.519	1.95	Visceras	2L:-:48595286-48595197	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_31788	GITNLVVIGGDGSLTGANLFR	AGAP007642-PA	-	86	1.30E-08	2	2074.128	-0.49	Salivary gland	2L:-:48599349-48599287	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_35312	MEWSDVTGWVGQGGAFLGTK	AGAP007642-PA	M1(Oxidation)	68	2.48E-06	2	2141.996	-0.25	Head	2L:-:48594860-48594801	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_35535	TLPEGKFADIAAR	AGAP007642-PA	-	46	0.000273641	1	1388.758	3.27	Malpighian tubule	2L:-:48594797-48594759	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_35954	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	131	8.94E-13	1	1887.000	1.55	Head	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_35968	VPLMECVER	AGAP007642-PA	C6(Carbamidomethyl)	35	0.004519687	1	1132.553	3.45	Malpighian tubule	2L:-:48595196-48595170	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_36210	AGRLQAAHNLVSR	AGAP007642-PA	-	86	1.37E-08	1	1392.786	3.06	Malpighian tubule	2L:-:48599388-48599350	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_36862	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	125	3.09E-12	1	1887.001	2.07	Male reproductive organs	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_37959	FADIAAR	AGAP007642-PA	-	46	0.00054608	2	763.410	0.34	Visceras	2L:-:48594779-48594759	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_38181	MGIYVGCK	AGAP007642-PA	C7(Carbamidomethyl)	51	6.74E-05	1	927.445	2.41	Visceras	2L:-:48601190-48601167	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_39459	GGNPSAFDR	AGAP007642-PA	-	58	2.21E-05	2	920.422	-0.35	Midgut	2L:-:48595403-48595377	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_39550	ASENYNTEFIYR	AGAP007642-PA	-	81	7.10E-08	1	1506.687	0.88	Ovary	2L:-:48594320-48594285	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_41777	ANTQPDGSINATAPETACLLGLVR	AGAP007642-PA	C18(Carbamidomethyl)	92	8.48E-09	1	2469.242	0.69	Visceras	2L:-:48594134-48594063	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_42177	GIAVFTSGGDSQGMNAAVR	AGAP007642-PA	M14(Oxidation)	125	4.60E-12	2	1853.885	1.98	Visceras	2L:-:48601259-48601203	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_42471	MNVLGHMQQGGSPTPFDR	AGAP007642-PA	M1(Oxidation), M7(Oxidation),M7(Oxidation)	69	1.67E-06	1	2003.905	-0.5	Midgut	2L:-:48594245-48594192	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_44279	GDTVMGIHDGIEGLVAGHIK	AGAP007642-PA	M5(Oxidation)	92	1.03E-08	1	2035.027	-0.31	Male reproductive organs	2L:-:48594923-48594864	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_44756	LQAAHNLVSR	AGAP007642-PA	-	46	0.000188284	2	1108.622	-0.52	Midgut	2L:-:48599379-48599350	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_44819	GKGIAVFTSGGDSQGMNAAVR	AGAP007642-PA	M16(Oxidation)	73	7.17E-07	1	2039.009	5.6	Malpighian tubule	2L:-:48601265-48601203	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_47327	ITVLGHVQR	AGAP007642-PA	-	66	7.82E-07	1	1022.614	3.52	Malpighian tubule	2L:-:48595430-48595404	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_49750	ANTQPDGSINATAPETACLLGLVR	AGAP007642-PA	C18(Carbamidomethyl)	56	2.96E-05	2	2469.243	0.97	Ovary	2L:-:48594134-48594063	exon=> In CDS Exon 5 of transcript AGAP007642-PA

JHU_Ag_50469	GVGGYTMAVMHIGAPACGMNAAVR	AGAP007642-PA	M7(Oxidation), M10(Oxidation), C17(Carbamidomethyl), M19(Oxidation)	110	9.65E-11	1	2439.108	1.89	Head	2L:-:48595022-48594951	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_50801	LQAAHNLVSR	AGAP007642-PA	-	75	2.25E-07	1	1108.626	3.55	Malpighian tubule	2L:-:48599379-48599350	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_51290	GITNLVVIGGDGSLTGANLFR	AGAP007642-PA	-	75	1.53E-07	2	2074.140	5.16	Larva	2L:-:48599349-48599287	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_51369	MGAEAVLALMEADDK	AGAP007642-PA	-	73	6.98E-07	2	1563.743	2.42	Head	2L:-:48595286-48595242	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_51818	ITVLGHVQR	AGAP007642-PA	-	52	1.94E-05	2	1022.609	-1.91	Head	2L:-:48595430-48595404	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_52430	VPLMECVER	AGAP007642-PA	M4(Oxidation), C6(Carbamidomethyl),C6(Carbamidomethyl)	65	3.93E-06	2	1148.544	0.28	Visceras	2L:-:48595196-48595170	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_53155	SAFDEQGR	AGAP007642-PA	-	52	5.97E-05	2	909.408	1.86	Malpighian tubule	2L:-:48595046-48595023	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_53773	ASENYNTEFIYR	AGAP007642-PA	-	70	9.90E-07	1	1506.685	-0.74	Salivary gland	2L:-:48594320-48594285	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_54227	FADIAAR	AGAP007642-PA	-	46	0.000575634	2	763.410	0.1	Pupa	2L:-:48594779-48594759	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_55117	CVEWLVEQLK	AGAP007642-PA	C1(Carbamidomethyl)	71	1.39E-06	1	1303.675	2.91	Head	2L:-:48594164-48594135	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_57380	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	97	2.09E-09	1	1886.999	1.03	Larva	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_58628	MNVLGHMQQGGSPTPFDR	AGAP007642-PA	M1(Oxidation), M7(Oxidation)	46	0.000274521	1	1971.927	5.45	Malpighian tubule	2L:-:48594245-48594192	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_61325	CVEWLVEQLK	AGAP007642-PA	C1(Carbamidomethyl)	77	3.59E-07	1	1303.674	1.97	Visceras	2L:-:48594164-48594135	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_61344	GDTVMGIHDGIEGLVAGHIK	AGAP007642-PA	M5(Oxidation)	79	2.27E-07	1	2019.032	-0.35	Midgut	2L:-:48594923-48594864	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_63059	AMEDKNWELAVQLR	AGAP007642-PA	-	55	6.15E-05	1	1702.867	4.9	Malpighian tubule	2L:-:48595151-48595110	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_63509	FADIAAR	AGAP007642-PA	-	38	0.003007849	1	763.412	3.38	Malpighian tubule	2L:-:48594779-48594759	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_63996	FIQFGAHK	AGAP007642-PA	-	36	0.004775253	1	947.510	0.33	Visceras	2L:-:48601289-48601266	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_64657	ANTQPDGSINATAPETACLLGLVR	AGAP007642-PA	C18(Carbamidomethyl)	104	4.59E-10	1	2469.249	3.36	Head	2L:-:48594134-48594063	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_66376	GITNLVVIGGDGSLTGANLFR	AGAP007642-PA	-	57	1.08E-05	2	2074.134	2.1	Pupa	2L:-:48599349-48599287	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_66550	NLETYKMLTR	AGAP007642-PA	M7(Oxidation)	50	0.000127112	1	1284.667	3.87	Malpighian tubule	2L:-:48595091-48595062	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_68305	GIAVFTSGGDSQGMNAAVR	AGAP007642-PA	M14(Oxidation)	135	5.23E-13	1	1853.887	3.03	Head	2L:-:48601259-48601203	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_68504	EGYQGMVDGGDNIVEANWSSVSSIIHR	AGAP007642-PA	M6(Oxidation)	158	1.71E-15	1	2936.353	1.64	Head	2L:-:48599517-48599437	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_68972	ASENYNTEFIYR	AGAP007642-PA	-	92	6.75E-09	1	1506.688	1.61	Visceras	2L:-:48594320-48594285	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_69176	ELIGETNFMQR	AGAP007642-PA	M9(Oxidation)	78	3.00E-07	1	1337.653	0.84	Head	2L:-:48594035-48595295,48593788-48593923	exon=> In CDS Exon 6 and 5 of transcript AGAP007642-PA
JHU_Ag_71060	GGNPSAFDR	AGAP007642-PA	-	51	0.000109114	2	920.424	2.11	Malpighian tubule	2L:-:48595403-48595377	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_71666	GGTVIGSAR	AGAP007642-PA	-	51	0.000173682	2	817.453	0.07	Visceras	2L:-:48599436-48599410	exon=> In CDS Exon 2 of transcript AGAP007642-PA

JHU_Ag_71838	GIAVFTSGGDSQGMNAAVR	AGAP007642-PA	M14(Oxidation)	99	2.24E-09	2	1853.884	1.32	Salivary gland	2L:-:48601259-48601203	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_72419	KMEWSDVTGWVGQGGAFLGTK	AGAP007642-PA	M2(Oxidation)	89	2.30E-08	1	2270.097	2.61	Visceras	2L:-:48594863-48594801	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_74507	ELIGETNFMQR	AGAP007642-PA	M9(Oxidation)	79	1.92E-07	2	1353.645	-1.19	Midgut	2L:-:48594035-48595295,48593788-48593923	exon=> In CDS Exon 6 and 5 of transcript AGAP007642-PA
JHU_Ag_74604	ASENYNTEFIYR	AGAP007642-PA	-	90	8.98E-09	1	1506.687	0.72	Head	2L:-:48594320-48594285	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_74941	EGYQGMVDGGDNIVEANWSSVSSIIHR	AGAP007642-PA	M6(Oxidation)	86	2.95E-08	1	2920.348	-1.89	Midgut	2L:-:48599517-48599437	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_75433	DLQQDVYHMASK	AGAP007642-PA	M9(Oxidation)	81	9.78E-08	1	1450.666	2.09	Visceras	2L:-:48594401-48594366	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_77422	GGNPSAFDR	AGAP007642-PA	-	53	6.09E-05	2	920.423	0.58	Visceras	2L:-:48595403-48595377	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_78315	TEPCVVSLDGNQAVR	AGAP007642-PA	C4(Carbamidomethyl)	41	0.001195849	2	1644.802	0.81	Visceras	2L:-:48595241-48595197	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_80870	ANTQPDGSINATAPETACLLGLVR	AGAP007642-PA	C18(Carbamidomethyl)	109	1.68E-10	2	2469.241	0.08	Midgut	2L:-:48594134-48594063	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_81698	LQAAHNLVSR	AGAP007642-PA	-	55	2.22E-05	2	1108.627	3.99	Larva	2L:-:48599379-48599350	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_82482	LNIIIVSEGAIDRDGNPITAEK	AGAP007642-PA	-	120	5.71E-12	1	2338.269	3.44	Head	2L:-:48595538-48595473	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_82662	LQAAHNLVSR	AGAP007642-PA	-	88	1.31E-08	1	1108.623	0.91	Visceras	2L:-:48599379-48599350	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_84276	MNVLGHMQQGGSPTPFDR	AGAP007642-PA	M1(Oxidation), M7(Oxidation)	43	0.000689674	1	2003.910	1.87	Salivary gland	2L:-:48594245-48594192	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_84433	ICDKLEQER	AGAP007642-PA	C2(Carbamidomethyl)	68	2.60E-06	1	1190.584	0.59	Visceras	2L:-:48598720-48598808,48595371-48595554	exon=> In CDS Exon 4 and 3 of transcript AGAP007642-PA
JHU_Ag_84590	ASENYNTEFIYR	AGAP007642-PA	-	79	1.24E-07	1	1506.687	0.55	Pupa	2L:-:48594320-48594285	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_87816	TEPCVVSLDGNQAVR	AGAP007642-PA	C4(Carbamidomethyl)	94	5.11E-09	1	1644.803	1.33	Head	2L:-:48595241-48595197	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_89121	GDTVMGIHDGIEGLVAGHIK	AGAP007642-PA	M5(Oxidation)	114	5.93E-11	1	2035.030	1.13	Head	2L:-:48594923-48594864	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_89343	QEWGSLLDELLASNR	AGAP007642-PA	-	108	2.35E-10	2	1730.879	4.46	Head	2L:-:48599286-48599242	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_89821	LNIIIVSEGAIDRDGNPITAEK	AGAP007642-PA	-	142	4.30E-14	1	2338.260	-0.47	Malpighian tubule	2L:-:48595538-48595473	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_91003	EGYQGMVDGGDNIVEANWSSVSSIIHR	AGAP007642-PA	M6(Oxidation)	202	7.82E-20	1	2936.356	2.7	Visceras	2L:-:48599517-48599437	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_91370	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	109	1.24E-10	1	1886.999	0.77	Ovary	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_91547	GITNLVVIGGDGSLTGANLFR	AGAP007642-PA	-	74	2.03E-07	2	2074.132	1.51	Male reproductive organs	2L:-:48599349-48599287	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_91731	GDTVMGIHDGIEGLVAGHIK	AGAP007642-PA	-	92	9.37E-09	1	2019.037	2.19	Ovary	2L:-:48594923-48594864	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_92677	LNIIIVSEGAIDRDGNPITAEK	AGAP007642-PA	-	33	0.003272292	1	2338.264	1.17	Pupa	2L:-:48595538-48595473	exon=> In CDS Exon 4 of transcript AGAP007642-PA
JHU_Ag_93593	GDTVMGIHDGIEGLVAGHIK	AGAP007642-PA	M5(Oxidation)	114	5.44E-11	1	2035.034	3.11	Visceras	2L:-:48594923-48594864	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_95559	MNVLGHMQQGGSPTPFDR	AGAP007642-PA	M1(Oxidation), M7(Oxidation),M7(Oxidation)	71	9.82E-07	1	1987.915	1.76	Head	2L:-:48594245-48594192	exon=> In CDS Exon 5 of transcript AGAP007642-PA

JHU_Ag_95882	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	108	1.45E-10	1	1887.010	6.66	Malpighian tubule	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_98121	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	155	3.16E-15	1	1886.999	1.1	Visceras	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_98283	GITNLVVIGGDGSLTGANLFR	AGAP007642-PA	-	136	1.27E-13	1	2074.135	2.69	Visceras	2L:-:48599349-48599287	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_99933	AMEDKNWELAVQLR	AGAP007642-PA	M2(Oxidation)	113	9.93E-11	1	1718.856	1.82	Visceras	2L:-:48595151-48595110	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_102103	MNVLGHMQQGGSPTPFDRNMGTK	AGAP007642-PA	M1(Oxidation), M7(Oxidation), M20(Oxidation)	67	2.55E-06	1	2551.158	3.56	Malpighian tubule	2L:-:48594245-48594177	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_105334	ELIGETNFMQR	AGAP007642-PA	M9(Oxidation)	38	0.002502465	2	1353.649	1.79	Larva	2L:-:48594035-48595295,48593788-48593923	exon=> In CDS Exon 6 and 5 of transcript AGAP007642-PA
JHU_Ag_105489	QEWGSLLDELLASNR	AGAP007642-PA	-	109	1.65E-10	1	1730.880	5.09	Visceras	2L:-:48599286-48599242	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_106379	MEWSDVTGWVGQGGAFLGTK	AGAP007642-PA	M1(Oxidation)	158	2.85E-15	1	2126.007	2.75	Visceras	2L:-:48594860-48594801	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_107590	ANTQPDGSINATAPETACLLGLVR	AGAP007642-PA	C18(Carbamidomethyl)	41	0.000952768	2	2469.252	4.63	Salivary gland	2L:-:48594134-48594063	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_107611	MNVLGHMQQGGSPTPFDR	AGAP007642-PA	M1(Oxidation), M7(Oxidation),M7(Oxidation)	101	9.16E-10	1	1971.919	1.21	Visceras	2L:-:48594245-48594192	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_107808	ELIGETNFMQR	AGAP007642-PA	M9(Oxidation)	33	0.007574745	1	1353.648	0.62	Ovary	2L:-:48594035-48595295,48593788-48593923	exon=> In CDS Exon 6 and 5 of transcript AGAP007642-PA
JHU_Ag_108289	ASENYNTEFIYR	AGAP007642-PA	-	93	5.77E-09	1	1506.694	5.41	Malpighian tubule	2L:-:48594320-48594285	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_108819	IIEAIDAIVSTAYSHQR	AGAP007642-PA	-	58	1.74E-05	1	1886.998	0.35	Salivary gland	2L:-:48599121-48599071	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_110194	SAFDEQGR	AGAP007642-PA	-	55	2.78E-05	1	909.407	0.72	Visceras	2L:-:48595046-48595023	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_111015	LQAAHNLVSR	AGAP007642-PA	-	75	2.27E-07	1	1108.622	0.14	Pupa	2L:-:48599379-48599350	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_111258	SLHIAGMVGSIDNDFCGTDMTIGTDSALHR	AGAP007642-PA	M7(Oxidation), C16(Carbamidomethyl), M20(Oxidation)	79	1.07E-07	1	3223.444	-0.6	Head	2L:-:48599211-48599122	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_112969	GIAVFTSGGDSQGMNAAVR	AGAP007642-PA	M14(Oxidation)	133	7.54E-13	1	1853.888	3.82	Malpighian tubule	2L:-:48601259-48601203	exon=> In CDS Exon 1 of transcript AGAP007642-PA
JHU_Ag_115122	DLQQDVYHMASK	AGAP007642-PA	M9(Oxidation)	79	1.61E-07	1	1450.661	-1.78	Midgut	2L:-:48594401-48594366	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_117187	GGTVIGSAR	AGAP007642-PA	-	36	0.005454486	2	817.454	1.11	Head	2L:-:48599436-48599410	exon=> In CDS Exon 2 of transcript AGAP007642-PA
JHU_Ag_117833	DLQQDVYHMASK	AGAP007642-PA	M9(Oxidation)	44	0.000510888	1	1450.662	-0.77	Salivary gland	2L:-:48594401-48594366	exon=> In CDS Exon 5 of transcript AGAP007642-PA
JHU_Ag_20285	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	158	2.52E-15	1	2123.985	-1.38	Male reproductive organs	2L:-:48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_22910	HTVVDDSQAAYQDAFEISKGK	AGAP007643-PA	-	52	9.12E-05	1	2309.104	-0.05	Head	2L:-:48611957-48612077,48611352-48611457	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_36238	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	147	2.83E-14	1	2123.988	0.12	Pupa	2L:-:48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA

JHU_Ag_46460	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	Q12(Deamidated),Q8(Deamidated)	179	1.91E-17	1	2123.991	1.38	Head	2L:-48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_64184	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	168	2.45E-16	1	2123.988	-0.11	Visceras	2L:-48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_72242	YLAEVATGETRHTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	160	1.07E-15	1	3314.592	3.35	Malpighian tubule	2L:-48611990-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_77675	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	177	2.98E-17	1	2123.992	1.73	Malpighian tubule	2L:-48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_79933	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	163	8.06E-16	1	2123.990	0.92	Ovary	2L:-48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_99481	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	192	9.95E-19	1	2123.987	-0.69	Midgut	2L:-48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_100524	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	123	8.74E-12	2	2123.996	3.56	Larva	2L:-48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_101447	ACQLAK	AGAP007643-PA	C2(Carbamidomethyl)	42	0.001724012	1	690.362	3	Malpighian tubule	2L:-48611372-48611355	exon=> In CDS Exon 5 of transcript AGAP007643-PA
JHU_Ag_104813	HTVVDDSQAAYQDAFEISK	AGAP007643-PA	-	171	1.22E-16	1	2123.990	1.04	Salivary gland	2L:-48611957-48612077,48611352-48611463	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_107349	HTVVDDSQAAYQDAFEISKGK	AGAP007643-PA	-	145	5.51E-14	1	2309.112	3.44	Malpighian tubule	2L:-48611957-48612077,48611352-48611457	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PA
JHU_Ag_3289	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	48	0.000177976	2	1205.661	4.48	Larva	2L:-48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_3514	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	-	47	0.000106022	1	907.526	1.56	Pupa	2L:-48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_4507	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	87	1.83E-08	2	1189.661	-0.24	Midgut	2L:-48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_14433	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	-	52	4.05E-05	1	907.524	-0.73	Midgut	2L:-48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC

JHU_Ag_24849	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	N1(Deamidated)	50	5.65E-05	1	907.525	0.4	Ovary	2L:-:48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_36312	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	61	7.96E-06	1	1189.662	0.99	Malpighian tubule	2L:-:48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_43408	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	90	1.29E-08	1	1205.654	-1.29	Head	2L:-:48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_73750	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	-	49	7.99E-05	1	907.524	-1.28	Head	2L:-:48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_74142	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	79	1.12E-07	1	1189.661	-0.35	Salivary gland	2L:-:48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_75176	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	75	3.38E-07	1	1205.661	4.28	Male reproductive organs	2L:-:48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_76822	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	68	1.59E-06	2	1189.664	2.63	Pupa	2L:-:48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_82278	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	-	43	0.000268066	1	907.529	4.78	Larva	2L:-:48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_82930	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	80	9.87E-08	2	1189.662	0.68	Visceras	2L:-:48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC

JHU_Ag_100183	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	-	52	3.57E-05	1	907.525	0.62	Male reproductive organs	2L:-:48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_100632	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	-	46	0.000181368	1	907.524	-0.95	Salivary gland	2L:-:48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_104251	DSTLIMQLLR	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	M6(Oxidation)	75	3.41E-07	1	1205.656	0.33	Ovary	2L:-:48609361-48609332;2R:-:617832-617803;2L:-:48609361-48609332	exon=> In CDS Exon 6 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP001151-PA;exon=> In CDS Exon 6 of transcript AGAP007643-PC
JHU_Ag_107266	NLLSVAYK	AGAP007643-PA,AGAP001151-PA,AGAP007643-PC	-	50	5.16E-05	1	907.529	4.11	Malpighian tubule	2L:-:48612475-48612452;2R:-:618586-618563;2L:-:48612475-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP001151-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_4249	VISSIEQK	AGAP007643-PA,AGAP007643-PC	-	53	6.80E-05	1	903.514	-0.36	Male reproductive organs	2L:-:48612301-48612278;2L:-:48612301-48612278	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_11307	VISSIEQK	AGAP007643-PA,AGAP007643-PC	-	44	0.000478178	1	903.515	0.45	Visceras	2L:-:48612301-48612278;2L:-:48612301-48612278	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_13198	QAFDDAIAELDTLNEDSYKDSTLIMQLLR	AGAP007643-PA,AGAP007643-PC	M25(Oxidation)	105	4.10E-10	1	3328.626	0.25	Midgut	2L:-:48611354-48611515,48609260-48609332;2L:-:48610386-48610547,48609260-48609332	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_14473	LAEQSERYDDMAQAMK	AGAP007643-PA,AGAP007643-PC	M15(Oxidation),"M11(Oxidation), M15(Oxidation)",M11(Oxidation)	120	6.91E-12	1	1917.833	0.87	Malpighian tubule	2L:-:48612684-48612726,48612432-48612518;2L:-:48612684-48612726,48612432-48612518	exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PC
JHU_Ag_14734	YDDMAQAMK	AGAP007643-PA,AGAP007643-PC	M4(Oxidation), M8(Oxidation),M8(Oxidation)	53	1.04E-05	1	1088.440	0.79	Head	2L:-:48612544-48612518;2L:-:48612544-48612518	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_16607	VFYLK	AGAP007643-PA,AGAP007643-PC	-	30	0.002946889	1	669.397	-0.74	Midgut	2L:-:48612026-48612012;2L:-:48612026-48612012	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_18400	VFYLK	AGAP007643-PA,AGAP007643-PC	-	29	0.003092885	1	669.398	1.36	Pupa	2L:-:48612026-48612012;2L:-:48612026-48612012	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC

JHU_Ag_19234	YDDMAQAMK	AGAP007643-PA,AGAP007643-PC	M4(Oxidation), M8(Oxidation)	52	1.72E-05	1	1072.445	0.95	Malpighian tubule	2L:-:48612544-48612518;2L:-:48612544-48612518	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_21913	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	100	1.43E-09	1	1451.748	1.72	Head	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_24667	MQPTHPIR	AGAP007643-PA,AGAP007643-PC	M1(Oxidation)	49	0.000149827	1	995.510	1.03	Ovary	2L:-:48611456-48611433;2L:-:48610488-48610465	exon=> In CDS Exon 5 of transcript AGAP007643-PA;exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_25806	EICYEVLGLLDKFLIPK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	93	1.99E-09	1	2050.138	4.31	Head	2L:-:48612208-48612314,48611954-48612048;2L:-:48612208-48612314,48611954-48612048	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_27054	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	75	4.36E-07	1	1209.611	0.24	Midgut	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_27919	EICYEVLGLLDKFLIPK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	33	0.002668063	1	2050.130	0.07	Salivary gland	2L:-:48612208-48612314,48611954-48612048;2L:-:48612208-48612314,48611954-48612048	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_29735	LAEQSERYDDMAQAMK	AGAP007643-PA,AGAP007643-PC	M11(Oxidation), M15(Oxidation)	57	1.22E-05	2	1917.830	-1.19	Head	2L:-:48612684-48612726,48612432-48612518;2L:-:48612684-48612726,48612432-48612518	exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PC
JHU_Ag_30836	LAEQSER	AGAP007643-PA,AGAP007643-PC	-	41	0.00114774	2	832.417	1.66	Ovary	2L:-:48612684-48612726,48612432-48612545;2L:-:48612684-48612726,48612432-48612545	exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PC
JHU_Ag_31611	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	90	1.61E-08	2	1451.752	4.83	Malpighian tubule	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_33204	MKGDYYR	AGAP007643-PA,AGAP007643-PC	M1(Oxidation)	39	0.001355895	2	948.426	1.76	Malpighian tubule	2L:-:48612011-48611991;2L:-:48612011-48611991	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC

JHU_Ag_37607	QAFDDAIAELDTLNEDSYK	AGAP007643-PA,AGAP007643-PC	-	127	2.68E-12	2	2157.983	0.51	Visceras	2L:-:48611354-48611515,48609260-48609362;2L:-:48610386-48610547,48609260-48609362	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_38915	QAFDDAIAELDTLNEDSYK	AGAP007643-PA,AGAP007643-PC	-	154	5.11E-15	1	2157.986	1.76	Ovary	2L:-:48611354-48611515,48609260-48609362;2L:-:48610386-48610547,48609260-48609362	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_40318	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	95	5.44E-09	1	1451.748	2.31	Male reproductive organs	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_41863	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	92	9.19E-09	2	1209.612	0.48	Ovary	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_42863	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	86	4.27E-08	2	1451.747	1.13	Salivary gland	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_43650	QAFDDAIAELDTLNEDSYKDSTLIMQLLR	AGAP007643-PA,AGAP007643-PC	M25(Oxidation)	216	3.76E-21	1	3344.628	2.35	Ovary	2L:-:48611354-48611515,48609260-48609332;2L:-:48610386-48610547,48609260-48609332	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_44451	YDDMAQAMK	AGAP007643-PA,AGAP007643-PC	M8(Oxidation),M4(Oxidation)	39	0.000265719	1	1088.438	-0.56	Midgut	2L:-:48612544-48612518;2L:-:48612544-48612518	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_44789	QAFDDAIAELDTLNEDSYK	AGAP007643-PA,AGAP007643-PC	-	99	1.82E-09	2	2157.987	2.32	Pupa	2L:-:48611354-48611515,48609260-48609362;2L:-:48610386-48610547,48609260-48609362	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_48195	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	41	0.001172274	2	1317.692	1.89	Larva	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC
JHU_Ag_48292	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	100	1.41E-09	1	1451.748	2.14	Ovary	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC

JHU_Ag_49147	LAEQSER	AGAP007643-PA,AGAP007643-PC	-	49	0.000201 3	2	832.418	2.76	Malpighian tubule	2L:-:48612684-48612726,48612432-48612545;2L:-:48612684-48612726,48612432-48612545	exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PC
JHU_Ag_50691	VISSIEQK	AGAP007643-PA,AGAP007643-PC	-	41	0.001116 446	1	903.514	-0.84	Head	2L:-:48612301-48612278;2L:-:48612301-48612278	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_51857	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	75	4.96E-07	1	1317.708	14.21	Ovary	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC
JHU_Ag_52972	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	104	5.50E-10	2	1549.735	0.45	Visceras	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_54604	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	83	6.53E-08	2	1209.611	-0.23	Pupa	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_56058	VEKELR	AGAP007643-PA,AGAP007643-PC	-	43	0.001064 121	2	773.454	3.03	Malpighian tubule	2L:-:48612226-48612209;2L:-:48612226-48612209	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_58989	VISSIEQK	AGAP007643-PA,AGAP007643-PC	-	62	8.06E-06	2	903.515	0.03	Salivary gland	2L:-:48612301-48612278;2L:-:48612301-48612278	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_59459	EICYEVLGLLDKFLIPK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	36	0.001141 48	1	2050.141	5.43	Pupa	2L:-:48612208-48612314,48611954-48612048;2L:-:48612208-48612314,48611954-48612048	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_59872	VISSIEQK	AGAP007643-PA,AGAP007643-PC	-	52	9.26E-05	2	903.514	-1.05	Midgut	2L:-:48612301-48612278;2L:-:48612301-48612278	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_60582	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	87	3.23E-08	1	1451.750	3.32	Pupa	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_62317	QAFDDAIAELDTLNEDSYK	AGAP007643-PA,AGAP007643-PC	Q1(Deamidated)	134	4.32E-13	1	2157.974	-3.9	Head	2L:-:48611354-48611515,48609260-48609362;2L:-:48610386-48610547,48609260-48609362	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_63340	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	79	2.38E-07	1	1317.690	0.13	Salivary gland	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC

JHU_Ag_65259	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	83	7.34E-08	1	1209.610	-1.14	Visceras	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_65384	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	87	2.63E-08	2	1209.612	1.18	Malpighian tubule	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_65791	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	112	9.68E-11	2	1549.736	1.47	Male reproductive organs	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_68783	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	89	2.23E-08	1	1317.693	2.45	Malpighian tubule	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC
JHU_Ag_69793	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	85	4.00E-08	2	1209.608	-2.25	Head	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_70845	EICYEVLGLLDKFLIPK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	54	2.02E-05	1	2050.131	0.73	Midgut	2L:-:48612208-48612314,48611954-48612048;2L:-:48612208-48612314,48611954-48612048	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_74176	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	72	9.04E-07	1	1451.752	4.83	Larva	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_76612	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	64	7.06E-06	1	1317.689	-0.43	Visceras	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC
JHU_Ag_76799	VISSIEQKTESSAR	AGAP007643-PA,AGAP007643-PC	-	116	4.19E-11	1	1534.810	1.66	Malpighian tubule	2L:-:48612301-48612260;2L:-:48612301-48612260	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_77107	ASNPESKVFYLK	AGAP007643-PA,AGAP007643-PC	-	86	2.95E-08	1	1382.735	2.47	Malpighian tubule	2L:-:48612047-48612012;2L:-:48612047-48612012	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_78032	MQPTHPIR	AGAP007643-PA,AGAP007643-PC	M1(Oxidation)	46	0.00030998	1	995.509	-0.32	Male reproductive organs	2L:-:48611456-48611433;2L:-:48610488-48610465	exon=> In CDS Exon 5 of transcript AGAP007643-PA;exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_79990	NLLSVAYKNVVGAR	AGAP007643-PA,AGAP007643-PC	-	82	2.15E-08	1	1503.871	4.5	Malpighian tubule	2L:-:48612475-48612434;2L:-:48612475-48612434	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC

JHU_Ag_81122	QAFDDAIAELDTLNEDSYK	AGAP007643-PA,AGAP007643-PC	-	128	2.15E-12	2	2157.989	2.89	Malpighian tubule	2L:-:48611354-48611515,48609260-48609362;2L:-:48610386-48610547,48609260-48609362	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_81445	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	122	1.01E-11	2	1549.738	2.66	Midgut	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_85537	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	92	8.68E-09	2	1209.611	-0.13	Male reproductive organs	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_85619	YDDMAQAMK	AGAP007643-PA,AGAP007643-PC	-	50	2.72E-05	2	1072.445	0.61	Salivary gland	2L:-:48612544-48612518;2L:-:48612544-48612518	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_85630	VISSIEQK	AGAP007643-PA,AGAP007643-PC	-	53	7.19E-05	1	903.516	2.07	Malpighian tubule	2L:-:48612301-48612278;2L:-:48612301-48612278	exon=> In CDS Exon 3 of transcript AGAP007643-PA;exon=> In CDS Exon 3 of transcript AGAP007643-PC
JHU_Ag_86835	ASNPESKVFYLK	AGAP007643-PA,AGAP007643-PC	-	36	0.002767683	2	1382.732	0.18	Head	2L:-:48612047-48612012;2L:-:48612047-48612012	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_91199	MQPTHPIR	AGAP007643-PA,AGAP007643-PC	M1(Oxidation)	45	0.000473739	2	995.509	-0.57	Head	2L:-:48611456-48611433;2L:-:48610488-48610465	exon=> In CDS Exon 5 of transcript AGAP007643-PA;exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_91710	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	66	4.07E-06	2	1549.739	2.97	Larva	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_93558	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	N11(Deamidated)	122	9.61E-12	2	1549.734	-0.34	Head	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_93884	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	112	9.31E-11	2	1549.738	2.26	Malpighian tubule	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_94808	LAEQSER	AGAP007643-PA,AGAP007643-PC	-	43	0.000852215	1	832.417	1.37	Head	2L:-:48612684-48612726,48612432-48612545;2L:-:48612684-48612726,48612432-48612545	exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PC
JHU_Ag_95645	VFYLK	AGAP007643-PA,AGAP007643-PC	-	29	0.00343055	1	669.397	0.44	Visceras	2L:-:48612026-48612012;2L:-:48612026-48612012	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_99410	YLAEVATGETR	AGAP007643-PA,AGAP007643-PC	-	85	3.86E-08	2	1209.613	1.99	Salivary gland	2L:-:48611990-48611958;2L:-:48611990-48611958	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC

JHU_Ag_99844	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	99	2.15E-09	1	1451.748	1.89	Visceras	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_101413	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	89	2.07E-08	1	1317.690	0.31	Male reproductive organs	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC
JHU_Ag_103545	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	105	5.31E-10	2	1549.735	0.45	Pupa	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_104147	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	100	1.59E-09	1	1549.734	-0.02	Ovary	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_106544	YDDMAQAMK	AGAP007643-PA,AGAP007643-PC	M4(Oxidation), M8(Oxidation)	46	2.86E-05	2	1104.433	-0.59	Male reproductive organs	2L:-:48612544-48612518;2L:-:48612544-48612518	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_108538	EICYEVLGLLDK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	90	1.66E-08	2	1451.746	0.88	Midgut	2L:-:48612208-48612314,48611954-48612063;2L:-:48612208-48612314,48611954-48612063	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_108968	QAFDDAIAELDTLNEDSYK	AGAP007643-PA,AGAP007643-PC	-	103	7.06E-10	2	2157.992	4.36	Midgut	2L:-:48611354-48611515,48609260-48609362;2L:-:48610386-48610547,48609260-48609362	exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007643-PC
JHU_Ag_110703	SVTETGVELSNEERNLLSVAYK	AGAP007643-PA,AGAP007643-PC	-	117	2.25E-11	1	2438.255	5.55	Malpighian tubule	2L:-:48612517-48612452;2L:-:48612517-48612452	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_110787	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	89	2.03E-08	1	1317.696	4.85	Midgut	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC
JHU_Ag_110916	MQPTHPIR	AGAP007643-PA,AGAP007643-PC	-	55	4.64E-05	1	979.515	1.09	Malpighian tubule	2L:-:48611456-48611433;2L:-:48610488-48610465	exon=> In CDS Exon 5 of transcript AGAP007643-PA;exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_111070	SVTETGVELSNEER	AGAP007643-PA,AGAP007643-PC	-	104	6.37E-10	2	1549.736	1	Salivary gland	2L:-:48612517-48612476;2L:-:48612517-48612476	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_111661	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	89	2.18E-08	1	1317.692	1.61	Pupa	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC

JHU_Ag_113564	STVDKEELVQK	AGAP007643-PA,AGAP007643-PC	N-Term(Acetyl)	89	2.26E-08	1	1317.689	-0.24	Head	2L:-:48612723-48612691;2L:-:48612723-48612691	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC
JHU_Ag_114667	EICYEVLGLLDKFLIPK	AGAP007643-PA,AGAP007643-PC	C3(Carbamidomethyl)	48	7.03E-05	1	2050.133	1.86	Ovary	2L:-:48612208-48612314,48611954-48612048;2L:-:48612208-48612314,48611954-48612048	exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007643-PC
JHU_Ag_115054	NLLSVAYKNVVGAR	AGAP007643-PA,AGAP007643-PC	-	96	8.81E-10	1	1503.866	1.17	Head	2L:-:48612475-48612434;2L:-:48612475-48612434	exon=> In CDS Exon 2 of transcript AGAP007643-PA;exon=> In CDS Exon 2 of transcript AGAP007643-PC
JHU_Ag_116338	LAEQSERYDDMAQAMK	AGAP007643-PA,AGAP007643-PC	-	83	4.76E-08	1	1885.842	0.12	Midgut	2L:-:48612684-48612726,48612432-48612518;2L:-:48612684-48612726,48612432-48612518	exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007643-PC
JHU_Ag_117078	MKGDYYR	AGAP007643-PA,AGAP007643-PC	M1(Oxidation)	38	0.001359257	2	948.424	-0.88	Midgut	2L:-:48612011-48611991;2L:-:48612011-48611991	exon=> In CDS Exon 4 of transcript AGAP007643-PA;exon=> In CDS Exon 4 of transcript AGAP007643-PC
JHU_Ag_90731	EELVQK	AGAP007643-PA,AGAP007643-PC,AGAP006812-PA,AGAP004322-PA	-	43	0.000814516	1	745.407	-2.32	Head	2L:-:48612708-48612691;2L:-:48612708-48612691;2L:-:38807397-38807380;2R:-:54460550-54460533	exon=> In CDS Exon 1 of transcript AGAP007643-PA;exon=> In CDS Exon 1 of transcript AGAP007643-PC;exon=> In CDS Exon 3 of transcript AGAP006812-PA;exon=> In CDS Exon 1 of transcript AGAP004322-PA
JHU_Ag_21927	SYQEAFDIAK	AGAP007643-PC	-	59	1.35E-05	1	1171.565	1.53	Head	2L:-:48610524-48610495	exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_32235	HTVVEDSQKSYQEAFDIAK	AGAP007643-PC	-	92	8.91E-09	1	2195.074	5.49	Malpighian tubule	2L:-:48611957-48612077,48610384-48610495	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PC
JHU_Ag_39209	HTVVEDSQK	AGAP007643-PC	-	54	3.61E-05	1	1042.512	-4.21	Head	2L:-:48611957-48612077,48610384-48610525	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PC
JHU_Ag_98793	SYQEAFDIAK	AGAP007643-PC	-	70	9.91E-07	1	1171.564	1.16	Pupa	2L:-:48610524-48610495	exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_101950	SYQEAFDIAK	AGAP007643-PC	-	53	4.37E-05	1	1171.562	-0.72	Ovary	2L:-:48610524-48610495	exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_103274	HTVVEDSQK	AGAP007643-PC	-	51	6.77E-05	2	1042.516	-0.11	Visceras	2L:-:48611957-48612077,48610384-48610525	exon=> In CDS Exon 5 and 4 of transcript AGAP007643-PC
JHU_Ag_108413	SYQEAFDIAK	AGAP007643-PC	-	65	3.52E-06	1	1171.564	1.16	Male reproductive organs	2L:-:48610524-48610495	exon=> In CDS Exon 5 of transcript AGAP007643-PC
JHU_Ag_12931	TVLEWFDTYQAEEFAR	AGAP007644-PA	-	111	1.27E-10	1	2004.936	1.29	Ovary	2L:+:48629328-48629375	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_14545	GIVTLYK	AGAP007644-PA	-	29	0.002685764	1	793.481	-0.58	Midgut	2L:+:48629490-48629510	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_25296	EKYDNIFLFSVQNMR	AGAP007644-PA	M14(Oxidation)	81	1.41E-07	1	1919.934	1.12	Ovary	2L:+:48629082-48629126	exon=> In CDS Exon 2 of transcript AGAP007644-PA

JHU_Ag_28633	LISDDENSEPTKLEQGMEQLR	AGAP007644-PA	M17(Oxidation)	154	5.35E-15	1	2448.156	0.14	Ovary	2L:+:48629214-48629276	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_32378	TVLEWFDTYQAEEFAR	AGAP007644-PA	-	88	2.70E-08	2	2004.947	6.65	Malpighian tubule	2L:+:48629328-48629375	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_37706	YDNIFLFSVQNMR	AGAP007644-PA	M12(Oxidation)	111	1.23E-10	1	1662.793	-1.12	Ovary	2L:+:48629088-48629126	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_42658	QQIIEDIQQCR	AGAP007644-PA	C10(Carbamidomethyl)	71	1.26E-06	1	1430.706	-0.06	Ovary	2L:+:48629049-48629081	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_54216	LLNKPMATFK	AGAP007644-PA	M6(Oxidation)	39	0.000720556	1	1178.660	0.16	Ovary	2L:+:48629571-48629600	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_62769	VMQLGLK	AGAP007644-PA	M2(Oxidation)	38	0.001226023	1	804.464	-1.07	Ovary	2L:+:48629193-48629213	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_64168	QQIIEDIQQCR	AGAP007644-PA	C10(Carbamidomethyl)	56	3.72E-05	2	1430.707	0.97	Midgut	2L:+:48629049-48629081	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_69595	LISDDENSEPTK	AGAP007644-PA	-	51	9.71E-05	2	1347.628	0.45	Ovary	2L:+:48629214-48629249	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_73080	GIVTLYK	AGAP007644-PA	-	42	0.000145234	1	793.482	0.41	Ovary	2L:+:48629490-48629510	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_90621	LLNKPMATFK	AGAP007644-PA	M6(Oxidation)	35	0.001699323	1	1178.663	1.99	Malpighian tubule	2L:+:48629571-48629600	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_90981	EQMIGQCGLLFTSESK	AGAP007644-PA	M3(Oxidation), C7(Carbamidomethyl)	88	2.24E-08	1	1843.857	0.23	Ovary	2L:+:48629277-48629324	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_91999	LEQGMEQLR	AGAP007644-PA	M5(Oxidation)	55	5.65E-05	2	1119.547	0.95	Ovary	2L:+:48629250-48629276	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_103364	LIINCCYTK	AGAP007644-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	47	0.00022257	1	1184.581	1.02	Ovary	2L:+:48629601-48629627	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_106925	LKPGPLEEFSHAIEPHLR	AGAP007644-PA	-	150	7.42E-15	1	2070.113	-0.24	Ovary	2L:+:48629406-48629459	exon=> In CDS Exon 2 of transcript AGAP007644-PA
JHU_Ag_29715	QGKLSTGDALGGLK	AGAP007645-PA	-	33	0.003923616	1	1344.753	3.44	Larva	2L:-:48634958-48634917	exon=> In CDS Exon 1 of transcript AGAP007645-PA
JHU_Ag_38603	VATTSIGQFVYK	AGAP007647-PA	-	56	2.40E-05	2	1313.708	-1.5	Visceras	2L:-:48693241-48693206	exon=> In CDS Exon 2 of transcript AGAP007647-PA
JHU_Ag_46664	TAAISTVDEQEIAEAR	AGAP007647-PA	-	74	8.34E-07	2	1703.846	0.6	Visceras	2L:-:48693526-48693535,48692549-48693284	exon=> In CDS Exon 2 and 1 of transcript AGAP007647-PA
JHU_Ag_68895	TAAISTVDEQEIAEAR	AGAP007647-PA	-	95	5.22E-09	2	1703.855	6.19	Head	2L:-:48693526-48693535,48692549-48693284	exon=> In CDS Exon 2 and 1 of transcript AGAP007647-PA
JHU_Ag_76359	IILPLR	AGAP007647-PA	-	23	0.001180158	2	724.508	-0.12	Visceras	2L:-:48692815-48692798	exon=> In CDS Exon 2 of transcript AGAP007647-PA
JHU_Ag_115060	DHQLR	AGAP007648-PA	-	38	0.001480905	1	668.349	1.83	Head	2L:+:48749017-48749031	exon=> In CDS Exon 8 of transcript AGAP007648-PA
JHU_Ag_1533	LIAAAGTYPYQVIR	AGAP007653-PA	-	60	5.02E-06	2	1535.861	1.58	Head	2L:+:48763157-48763198	exon=> In CDS Exon 4 of transcript AGAP007653-PA
JHU_Ag_61969	LIAAAGTYPYQVIR	AGAP007653-PA	-	78	8.86E-08	2	1535.856	-1.04	Midgut	2L:+:48763157-48763198	exon=> In CDS Exon 4 of transcript AGAP007653-PA
JHU_Ag_90562	GLTSAFMTIFR	AGAP007653-PA	M7(Oxidation)	60	1.70E-05	2	1259.646	0.17	Midgut	2L:+:48762399-48762431	exon=> In CDS Exon 1 of transcript AGAP007653-PA
JHU_Ag_92834	LIAAAGTYPYQVIR	AGAP007653-PA	-	39	0.000588102	2	1535.863	3.33	Malpighian tubule	2L:+:48763157-48763198	exon=> In CDS Exon 4 of transcript AGAP007653-PA
JHU_Ag_2400	EHGFAGWFETSAK	AGAP007654-PA	-	66	2.62E-06	1	1466.669	-0.42	Head	2L:+:48776809-48776847	exon=> In CDS Exon 3 of transcript AGAP007654-PA
JHU_Ag_7384	ENVNIEEAAK	AGAP007654-PA	-	47	0.000249536	1	1116.553	0.17	Male reproductive organs	2L:+:48776848-48776877	exon=> In CDS Exon 3 of transcript AGAP007654-PA
JHU_Ag_18887	YVHQFFSQNYR	AGAP007654-PA	Q4(Deamidated),Q8(Deamidated)	82	7.89E-08	1	1488.700	-1.19	Head	2L:+:48776290-48776322	exon=> In CDS Exon 1 of transcript AGAP007654-PA

JHU_Ag_26676	VLNWDQNTIIR	AGAP007654-PA	-	88	2.31E-08	1	1371.740	1.32	Malpighian tubule	2L:+:48776353-48776385	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_27682	YVHQFFSQNYR	AGAP007654-PA	-	73	5.33E-07	1	1488.684	-12.01	Malpighian tubule	2L:+:48776290-48776322	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_31409	FALVGGK	AGAP007654-PA	-	35	0.000961944	1	691.413	-1.54	Male reproductive organs	2L:+:48777030-48777050	exon=> In CDS Exon 4 of transcript AGAP007654-PA
JHU_Ag_36255	LLNTGEVIDSER	AGAP007654-PA	-	103	7.90E-10	1	1345.697	0.72	Male reproductive organs	2L:+:48776994-48777029	exon=> In CDS Exon 4 of transcript AGAP007654-PA
JHU_Ag_39740	VLNWDQNTIIR	AGAP007654-PA	-	62	9.18E-06	1	1371.739	0.52	Male reproductive organs	2L:+:48776353-48776385	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_40088	LDEYVK	AGAP007654-PA	-	32	0.004318469	2	766.397	-1.02	Head	2L:+:48776791-48776808	exon=> In CDS Exon 3 of transcript AGAP007654-PA
JHU_Ag_51529	LLNTGEVIDSER	AGAP007654-PA	-	64	5.13E-06	2	1345.700	2.72	Malpighian tubule	2L:+:48776994-48777029	exon=> In CDS Exon 4 of transcript AGAP007654-PA
JHU_Ag_53296	ILVIGELGTGK	AGAP007654-PA	-	59	5.41E-06	2	1099.672	-0.14	Male reproductive organs	2L:+:48776239-48776271	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_53882	YVHQFFSQNYR	AGAP007654-PA	-	64	5.07E-06	1	1488.706	2.91	Male reproductive organs	2L:+:48776290-48776322	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_65217	LLNTGEVIDSER	AGAP007654-PA	-	98	2.24E-09	1	1345.696	-0.18	Head	2L:+:48776994-48777029	exon=> In CDS Exon 4 of transcript AGAP007654-PA
JHU_Ag_76483	EHGFAGWFETSAK	AGAP007654-PA	-	74	4.56E-07	1	1466.673	1.75	Malpighian tubule	2L:+:48776809-48776847	exon=> In CDS Exon 3 of transcript AGAP007654-PA
JHU_Ag_81344	EAVGAFIVFDVTR	AGAP007654-PA	-	42	0.000545715	2	1423.766	5.34	Head	2L:+:48776531-48776569	exon=> In CDS Exon 2 of transcript AGAP007654-PA
JHU_Ag_81921	LQLWDIAGQER	AGAP007654-PA	-	82	1.02E-07	1	1328.699	2.34	Malpighian tubule	2L:+:48776386-48776407,48776490-48776500	exon=> In CDS Exon 1 and 2 of transcript AGAP007654-PA
JHU_Ag_91135	ILVIGELGTGK	AGAP007654-PA	-	75	1.54E-07	1	1099.675	2.19	Malpighian tubule	2L:+:48776239-48776271	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_96158	LQLWDIAGQER	AGAP007654-PA	-	76	3.57E-07	2	1328.696	0.32	Male reproductive organs	2L:+:48776386-48776407,48776490-48776500	exon=> In CDS Exon 1 and 2 of transcript AGAP007654-PA
JHU_Ag_98763	ILVIGELGTGK	AGAP007654-PA	-	52	2.69E-05	2	1099.672	-0.36	Head	2L:+:48776239-48776271	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_106221	VQLPDGKPIPCILLANK	AGAP007654-PA	C11(Carbamidomethyl)	43	0.000112909	1	1876.074	0.78	Head	2L:+:48776621-48776671	exon=> In CDS Exon 2 of transcript AGAP007654-PA
JHU_Ag_107166	QGIVTTPAKLDEYVK	AGAP007654-PA	-	31	0.005480417	1	1661.912	0.74	Head	2L:+:48776764-48776808	exon=> In CDS Exon 3 of transcript AGAP007654-PA
JHU_Ag_108519	VLNWDQNTIIR	AGAP007654-PA	-	83	5.80E-08	1	1371.738	0.16	Head	2L:+:48776353-48776385	exon=> In CDS Exon 1 of transcript AGAP007654-PA
JHU_Ag_110680	LQLWDIAGQER	AGAP007654-PA	-	86	3.57E-08	1	1328.693	-2.35	Head	2L:+:48776386-48776407,48776490-48776500	exon=> In CDS Exon 1 and 2 of transcript AGAP007654-PA
JHU_Ag_113826	ENVNIEEAAK	AGAP007654-PA	-	63	7.22E-06	2	1116.553	-0.48	Head	2L:+:48776848-48776877	exon=> In CDS Exon 3 of transcript AGAP007654-PA
JHU_Ag_115850	EHGFAGWFETSAK	AGAP007654-PA	-	37	0.002384426	1	1466.671	0.47	Male reproductive organs	2L:+:48776809-48776847	exon=> In CDS Exon 3 of transcript AGAP007654-PA
JHU_Ag_16783	SSLSSSSSSGGNLNVLR	AGAP007657-PA	-	66	4.05E-06	2	1651.835	6.36	Malpighian tubule	2L:+:48812528-48812578	exon=> In CDS Exon 3 of transcript AGAP007657-PA
JHU_Ag_80656	MSLKLQNIK	AGAP007657-PA	Q6(Deamidated)	29	0.00625994	1	1075.630	11.27	Midgut	2L:+:48798563-48798589	exon=> In CDS Exon 1 of transcript AGAP007657-PA
JHU_Ag_90187	SSLSSSSSSGGNLNVLR	AGAP007657-PA	-	105	5.56E-10	2	1651.823	-0.89	Head	2L:+:48812528-48812578	exon=> In CDS Exon 3 of transcript AGAP007657-PA
JHU_Ag_111185	DEGSYALDEPK	AGAP007657-PA	-	40	0.000869446	2	1223.542	-0.73	Head	2L:+:48814522-48814554	exon=> In CDS Exon 5 of transcript AGAP007657-PA

JHU_Ag_9627	DAQEDAILSEGIER	AGAP007658-PA	-	50	0.000165773	2	1545.760	13.5	Midgut	2L:+:48821315-48821356	exon=> In CDS Exon 2 of transcript AGAP007658-PA
JHU_Ag_1895	DKCNTAGAPADAYDNAK	AGAP007663-PA	C3(Carbamidomethyl)	137	1.53E-13	1	1781.781	2.57	Pupa	2L:-:48861126-48861076	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_3255	DGDQIALFIAEK	AGAP007663-PA	-	102	8.57E-10	1	1319.686	1.31	Pupa	2L:-:48860817-48861239,48860591-48860719	exon=> In CDS Exon 3 and 2 of transcript AGAP007663-PA
JHU_Ag_3506	LPANLPLPSMEEVER	AGAP007663-PA	M10(Oxidation)	67	3.21E-06	1	1710.874	0.44	Ovary	2L:-:48861180-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_4021	DGDQIALFIAEKGPECFQEQK	AGAP007663-PA	C16(Carbamidomethyl)	89	2.01E-08	1	2423.162	3.13	Larva	2L:-:48860817-48861239,48860591-48860692	exon=> In CDS Exon 3 and 2 of transcript AGAP007663-PA
JHU_Ag_14731	TSGLDIFK	AGAP007663-PA	-	47	0.000212535	1	880.479	1.97	Ovary	2L:-:48860868-48860845	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_15518	NLLNFVCHK	AGAP007663-PA	C7(Carbamidomethyl)	38	0.002232503	2	1144.597	2.96	Malpighian tubule	2L:-:48860844-48860818	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_17933	NLLNFVCHK	AGAP007663-PA	C7(Carbamidomethyl)	56	3.87E-05	1	1144.594	0.4	Ovary	2L:-:48860844-48860818	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_18750	LVIGPK	AGAP007663-PA	-	38	8.94E-05	1	626.423	-0.34	Male reproductive organs	2L:-:48860616-48860599	exon=> In CDS Exon 3 of transcript AGAP007663-PA
JHU_Ag_24726	NLLNFVCHK	AGAP007663-PA	C7(Carbamidomethyl)	43	0.000745227	1	1144.593	-0.34	Male reproductive organs	2L:-:48860844-48860818	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_29123	DKCNTAGAPADAYDNAK	AGAP007663-PA	C3(Carbamidomethyl)	106	1.94E-10	2	1781.775	-0.51	Head	2L:-:48861126-48861076	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_29686	TSGLDIFK	AGAP007663-PA	-	54	4.29E-05	2	880.479	1.55	Male reproductive organs	2L:-:48860868-48860845	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_34493	RSTLIECVNTFANAVDPCLEAEEK	AGAP007663-PA	C7(Carbamidomethyl), C18(Carbamidomethyl)	37	0.002921737	3	2766.323	5.75	Ovary	2L:-:48860949-48860878	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_35446	DGDQIALFIAEKGPECFQEQK	AGAP007663-PA	C16(Carbamidomethyl)	99	1.95E-09	1	2423.158	1.46	Pupa	2L:-:48860817-48861239,48860591-48860692	exon=> In CDS Exon 3 and 2 of transcript AGAP007663-PA
JHU_Ag_35580	DKCNTAGAPADAYDNAK	AGAP007663-PA	C3(Carbamidomethyl)	93	4.41E-09	2	1781.780	2.09	Larva	2L:-:48861126-48861076	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_38885	LPANLPLPSMEEVER	AGAP007663-PA	M10(Oxidation)	52	9.12E-05	1	1710.882	5.01	Larva	2L:-:48861180-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_43585	DGDQIALFIAEK	AGAP007663-PA	-	103	8.02E-10	2	1319.685	0.94	Head	2L:-:48860817-48861239,48860591-48860719	exon=> In CDS Exon 3 and 2 of transcript AGAP007663-PA
JHU_Ag_47353	ELEQCDESTPANLVESLFR	AGAP007663-PA	C5(Carbamidomethyl)	51	0.000121454	1	2237.049	4.24	Head	2L:-:48860484-48860428	exon=> In CDS Exon 4 of transcript AGAP007663-PA
JHU_Ag_53845	LVIGPK	AGAP007663-PA	-	40	6.09E-05	1	626.424	1.32	Malpighian tubule	2L:-:48860616-48860599	exon=> In CDS Exon 3 of transcript AGAP007663-PA
JHU_Ag_54231	LPANLPLPSMEEVER	AGAP007663-PA	-	63	5.62E-06	1	1694.879	0.61	Visceras	2L:-:48861180-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_58917	DGDQIALFIAEK	AGAP007663-PA	-	92	9.42E-09	2	1319.690	3.99	Larva	2L:-:48860817-48861239,48860591-48860719	exon=> In CDS Exon 3 and 2 of transcript AGAP007663-PA
JHU_Ag_59835	CNTAGAPADAYDNAK	AGAP007663-PA	C1(Carbamidomethyl)	73	2.87E-07	2	1538.656	0.97	Pupa	2L:-:48861120-48861076	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_69250	STLIECVNTFANAVDPCLEAEEK	AGAP007663-PA	C6(Carbamidomethyl), C17(Carbamidomethyl)	88	2.26E-08	1	2610.208	0.57	Pupa	2L:-:48860946-48860878	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_75640	NLLNFVCHK	AGAP007663-PA	C7(Carbamidomethyl)	40	0.001511462	1	1144.595	1.15	Visceras	2L:-:48860844-48860818	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_77545	CNTAGAPADAYDNAK	AGAP007663-PA	C1(Carbamidomethyl)	55	1.75E-05	1	1538.655	0.34	Head	2L:-:48861120-48861076	exon=> In CDS Exon 2 of transcript AGAP007663-PA

JHU_Ag_79731	ELEQCDESTPANLVESLFR	AGAP007663-PA	C5(Carbamidomethyl)	128	2.25E-12	1	2237.047	3.58	Pupa	2L:-:48860484-48860428	exon=> In CDS Exon 4 of transcript AGAP007663-PA
JHU_Ag_80397	ERLPANLPLPSMEEVER	AGAP007663-PA	M12(Oxidation)	72	8.78E-07	1	1996.023	3.22	Larva	2L:-:48861186-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_80731	LVIGPK	AGAP007663-PA	-	39	6.31E-05	1	626.423	-1.51	Head	2L:-:48860616-48860599	exon=> In CDS Exon 3 of transcript AGAP007663-PA
JHU_Ag_82377	TFFECGQSLIDIGQFQQEVEAAKPTGDLDTVFNK	AGAP007663-PA	C5(Carbamidomethyl)	70	1.00E-06	1	3832.847	2.48	Pupa	2L:-:48861063-48860962	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_83353	DGDQIALFIAEK	AGAP007663-PA	-	40	0.001255094	2	1319.687	1.77	Ovary	2L:-:48860817-48861239,48860591-48860719	exon=> In CDS Exon 3 and 2 of transcript AGAP007663-PA
JHU_Ag_84064	ERLPANLPLPSMEEVER	AGAP007663-PA	M12(Oxidation)	66	3.53E-06	1	1980.026	2.19	Head	2L:-:48861186-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_93552	NLLNFVCHK	AGAP007663-PA	C7(Carbamidomethyl)	35	0.004574757	2	1144.587	-5.57	Head	2L:-:48860844-48860818	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_93617	LPANLPLPSMEEVER	AGAP007663-PA	M10(Oxidation)	71	8.94E-07	1	1694.883	2.92	Pupa	2L:-:48861180-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_96311	ELEQCDESTPANLVESLFR	AGAP007663-PA	C5(Carbamidomethyl)	73	7.23E-07	1	2237.040	0.42	Male reproductive organs	2L:-:48860484-48860428	exon=> In CDS Exon 4 of transcript AGAP007663-PA
JHU_Ag_101194	GPECFQEQK	AGAP007663-PA	C4(Carbamidomethyl)	55	3.03E-05	1	1122.493	3.78	Larva	2L:-:48860718-48860692	exon=> In CDS Exon 3 of transcript AGAP007663-PA
JHU_Ag_103724	TSGLDIFK	AGAP007663-PA	-	59	1.46E-05	1	880.477	-0.6	Pupa	2L:-:48860868-48860845	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_107759	LVIGPK	AGAP007663-PA	-	40	5.63E-05	1	626.425	1.81	Larva	2L:-:48860616-48860599	exon=> In CDS Exon 3 of transcript AGAP007663-PA
JHU_Ag_110233	LPANLPLPSMEEVER	AGAP007663-PA	M10(Oxidation)	66	3.70E-06	1	1710.881	4.51	Male reproductive organs	2L:-:48861180-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_111860	TSGLDIFK	AGAP007663-PA	-	50	9.94E-05	2	880.481	3.49	Larva	2L:-:48860868-48860845	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_111893	ERLPANLPLPSMEEVER	AGAP007663-PA	M12(Oxidation)	54	5.41E-05	1	1996.021	2.03	Pupa	2L:-:48861186-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_111979	DGDQIALFIAEK	AGAP007663-PA	-	98	2.39E-09	1	1319.684	-0.17	Male reproductive organs	2L:-:48860817-48861239,48860591-48860719	exon=> In CDS Exon 3 and 2 of transcript AGAP007663-PA
JHU_Ag_113880	LPANLPLPSMEEVER	AGAP007663-PA	M10(Oxidation)	71	8.69E-07	1	1694.885	3.93	Head	2L:-:48861180-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_114696	NLLNFVCHK	AGAP007663-PA	C7(Carbamidomethyl)	49	0.000190455	1	1144.597	3.28	Larva	2L:-:48860844-48860818	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_114769	LPANLPLPSMEEVER	AGAP007663-PA	M10(Oxidation)	46	0.000370211	2	1710.882	5.08	Malpighian tubule	2L:-:48861180-48861136	exon=> In CDS Exon 2 of transcript AGAP007663-PA
JHU_Ag_773	DGDQIALFIAEEGPECFADQK	AGAP007665-PA	C16(Carbamidomethyl)	35	0.004129619	1	2353.079	5.94	Larva	2L:-:48864673-48864818,48864405-48864518	exon=> In CDS Exon 4 and 3 of transcript AGAP007665-PA
JHU_Ag_3107	DDSAPAASEGLPK	AGAP007665-PA	-	55	3.42E-05	1	1257.594	-1.41	Ovary	2L:-:48864469-48864431	exon=> In CDS Exon 4 of transcript AGAP007665-PA
JHU_Ag_5496	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	39	0.001586565	2	1753.792	2.33	Head	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_5703	AKPTGDLDTVFNK	AGAP007665-PA	-	78	2.14E-07	1	1405.738	4.42	Larva	2L:-:48864943-48865239,48864655-48864818	exon=> In CDS Exon 3 and 2 of transcript AGAP007665-PA
JHU_Ag_13109	ESTPANLVESLFK	AGAP007665-PA	-	75	5.23E-07	1	1434.748	0.46	Ovary	2L:-:48864275-48864237	exon=> In CDS Exon 5 of transcript AGAP007665-PA
JHU_Ag_13389	DEVLADILPPEFK	AGAP007665-PA	-	77	2.66E-07	2	1485.794	7.06	Midgut	2L:-:48865153-48865115	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_14465	ESTPANLVESLFK	AGAP007665-PA	-	49	0.000200617	1	1434.756	5.74	Larva	2L:-:48864275-48864237	exon=> In CDS Exon 5 of transcript AGAP007665-PA

JHU_Ag_16111	DLVDFSDLQEEIK	AGAP007665-PA	-	61	1.20E-05	2	1550.767	5.48	Midgut	2L:-:48864985-48864947	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_19403	DDSAPAASEGLPK	AGAP007665-PA	-	69	1.43E-06	2	1257.599	2.28	Midgut	2L:-:48864469-48864431	exon=> In CDS Exon 4 of transcript AGAP007665-PA
JHU_Ag_19835	LKDEVLADILPPEFK	AGAP007665-PA	-	88	7.93E-09	2	1726.971	4.54	Midgut	2L:-:48865159-48865115	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_20204	VVMVNIVHGLLNFVCHK	AGAP007665-PA	M3(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	52	5.33E-05	1	1995.066	-0.16	Midgut	2L:-:48864724-48864674	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_26862	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	112	7.33E-11	1	1753.786	-0.94	Ovary	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_30361	DLVDFSDLQEEIKK	AGAP007665-PA	-	97	2.92E-09	1	1678.851	-1.27	Midgut	2L:-:48864985-48864944	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_32248	DLVDFSDLQEEIK	AGAP007665-PA	-	76	3.87E-07	1	1550.761	1.86	Head	2L:-:48864985-48864947	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_38676	SAAIECIDTFSAK	AGAP007665-PA	C6(Carbamidomethyl)	81	1.27E-07	2	1412.679	4.22	Larva	2L:-:48864802-48864764	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_45163	AKPTGDLDTVFNK	AGAP007665-PA	-	63	6.64E-06	1	1405.732	0.08	Ovary	2L:-:48864943-48865239,48864655-48864818	exon=> In CDS Exon 3 and 2 of transcript AGAP007665-PA
JHU_Ag_46387	ESTPANLVESLFK	AGAP007665-PA	-	43	0.000816808	1	1434.751	2.51	Visceras	2L:-:48864275-48864237	exon=> In CDS Exon 5 of transcript AGAP007665-PA
JHU_Ag_50429	SAAIECIDTFSAK	AGAP007665-PA	C6(Carbamidomethyl)	62	9.58E-06	2	1412.674	1.02	Head	2L:-:48864802-48864764	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_54202	ESTPANLVESLFK	AGAP007665-PA	-	76	3.90E-07	2	1434.747	-0.13	Midgut	2L:-:48864275-48864237	exon=> In CDS Exon 5 of transcript AGAP007665-PA
JHU_Ag_61765	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	56	2.59E-05	2	1753.786	-0.73	Visceras	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_68469	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	63	5.39E-06	2	1753.792	2.68	Salivary gland	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_68663	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	40	0.001135958	2	1753.791	1.77	Male reproductive organs	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_77000	LKDEVLADILPPEFK	AGAP007665-PA	-	69	7.19E-07	2	1726.967	2.78	Head	2L:-:48865159-48865115	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_77197	LKDEVLADILPPEFK	AGAP007665-PA	-	55	2.03E-05	2	1726.966	1.64	Malpighian tubule	2L:-:48865159-48865115	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_78201	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	126	2.45E-12	1	1753.789	0.52	Malpighian tubule	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_80774	AKPTGDLDTVFNK	AGAP007665-PA	-	74	6.32E-07	2	1405.732	0.08	Midgut	2L:-:48864943-48865239,48864655-48864818	exon=> In CDS Exon 3 and 2 of transcript AGAP007665-PA
JHU_Ag_83152	DDSAPAASEGLPK	AGAP007665-PA	-	59	1.37E-05	1	1257.597	0.92	Head	2L:-:48864469-48864431	exon=> In CDS Exon 4 of transcript AGAP007665-PA
JHU_Ag_84260	LLIRW	AGAP007665-PA	-	32	0.001170709	1	700.461	14.55	Head	2L:-:48864004-48863990	exon=> In CDS Exon 6 of transcript AGAP007665-PA
JHU_Ag_87939	VVMVNIVHGLLNFVCHK	AGAP007665-PA	M3(Oxidation), C15(Carbamidomethyl)	87	1.25E-08	1	1995.075	4.15	Larva	2L:-:48864724-48864674	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_90465	DDSAPAASEGLPK	AGAP007665-PA	-	63	6.57E-06	1	1257.600	3.35	Larva	2L:-:48864469-48864431	exon=> In CDS Exon 4 of transcript AGAP007665-PA
JHU_Ag_92445	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	93	5.36E-09	2	1753.783	-2.34	Pupa	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_96817	LKDEVLADILPPEFK	AGAP007665-PA	-	78	9.21E-08	1	1726.964	0.66	Ovary	2L:-:48865159-48865115	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_98770	DLVDFSDLQEEIKK	AGAP007665-PA	-	62	9.26E-06	1	1678.854	0.14	Ovary	2L:-:48864985-48864944	exon=> In CDS Exon 2 of transcript AGAP007665-PA

JHU_Ag_100186	VDVCLENDEKESK	AGAP007665-PA	C4(Carbamidomethyl)	34	0.004438314	1	1564.714	-1.18	Midgut	2L:-:48864763-48864725	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_100333	VVMVNIVHGLLNFVCHK	AGAP007665-PA	M3(Oxidation), C15(Carbamidomethyl)	48	0.000135058	1	1995.065	-0.9	Ovary	2L:-:48864724-48864674	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_103801	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	120	1.04E-11	2	1753.790	1.14	Larva	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_109511	SAAIECIDTFSAK	AGAP007665-PA	C6(Carbamidomethyl)	94	4.78E-09	1	1412.673	0.24	Ovary	2L:-:48864802-48864764	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_111787	SAAIECIDTFSAK	AGAP007665-PA	C6(Carbamidomethyl)	73	7.67E-07	2	1412.676	2.15	Midgut	2L:-:48864802-48864764	exon=> In CDS Exon 3 of transcript AGAP007665-PA
JHU_Ag_114109	VAGSDASYEEAEQAAQK	AGAP007665-PA	-	133	5.57E-13	1	1753.794	3.44	Midgut	2L:-:48865054-48865004	exon=> In CDS Exon 2 of transcript AGAP007665-PA
JHU_Ag_4571	ALSSGALTDSIEK	AGAP007666-PA	-	73	8.30E-07	2	1291.674	0.15	Visceras	2L:-:48868011-48867973	exon=> In CDS Exon 1 of transcript AGAP007666-PA
JHU_Ag_9583	ALSSGALTDSIEK	AGAP007666-PA	-	81	1.25E-07	1	1291.675	0.43	Head	2L:-:48868011-48867973	exon=> In CDS Exon 1 of transcript AGAP007666-PA
JHU_Ag_9817	YLANFEENGNVDGSVTK	AGAP007666-PA	N8(Deamidated)	93	7.43E-09	2	1856.869	1.36	Head	2L:-:48867431-48867381	exon=> In CDS Exon 3 of transcript AGAP007666-PA
JHU_Ag_10464	NHPLYISGEETEDVILRK	AGAP007666-PA	-	96	2.79E-09	1	2113.099	3.07	Head	2L:-:48867485-48867432	exon=> In CDS Exon 3 of transcript AGAP007666-PA
JHU_Ag_14574	TGDGTITIEDLK	AGAP007666-PA	-	52	0.000109156	2	1262.650	1.84	Ovary	2L:-:48867619-48867737,48867288-48867504	exon=> In CDS Exon 3 and 2 of transcript AGAP007666-PA
JHU_Ag_20177	TGDGTITIEDLK	AGAP007666-PA	-	94	7.55E-09	1	1262.648	0.39	Visceras	2L:-:48867619-48867737,48867288-48867504	exon=> In CDS Exon 3 and 2 of transcript AGAP007666-PA
JHU_Ag_26719	NHPLYISGEETEDVILR	AGAP007666-PA	-	66	3.48E-06	3	1985.003	2.93	Head	2L:-:48867485-48867435	exon=> In CDS Exon 3 of transcript AGAP007666-PA
JHU_Ag_48909	ALSSGALTDSIEK	AGAP007666-PA	-	69	1.98E-06	1	1291.674	0.24	Male reproductive organs	2L:-:48868011-48867973	exon=> In CDS Exon 1 of transcript AGAP007666-PA
JHU_Ag_51021	ALSSGALTDSIEKLR	AGAP007666-PA	-	95	2.42E-09	2	1560.866	4.34	Malpighian tubule	2L:-:48868011-48867967	exon=> In CDS Exon 1 of transcript AGAP007666-PA
JHU_Ag_52148	GASGILGLGR	AGAP007666-PA	-	61	1.15E-05	2	900.525	-1.53	Salivary gland	2L:-:48867948-48867919	exon=> In CDS Exon 1 of transcript AGAP007666-PA
JHU_Ag_57361	GASGILGLGR	AGAP007666-PA	-	77	2.60E-07	2	900.527	1.19	Malpighian tubule	2L:-:48867948-48867919	exon=> In CDS Exon 1 of transcript AGAP007666-PA
JHU_Ag_59883	NHPLYISGEETEDVILRK	AGAP007666-PA	-	103	5.48E-10	1	2113.098	2.72	Malpighian tubule	2L:-:48867485-48867432	exon=> In CDS Exon 3 of transcript AGAP007666-PA
JHU_Ag_60794	TGDGTITIEDLK	AGAP007666-PA	-	63	8.41E-06	1	1262.650	2.23	Salivary gland	2L:-:48867619-48867737,48867288-48867504	exon=> In CDS Exon 3 and 2 of transcript AGAP007666-PA
JHU_Ag_61056	GLHDTGLDISAEEATEMFNK	AGAP007666-PA	M17(Oxidation)	68	2.14E-06	1	2178.007	2.07	Head	2L:-:48867858-48868077,48867585-48867737	exon=> In CDS Exon 2 and 1 of transcript AGAP007666-PA
JHU_Ag_77620	TGDGTITIEDLK	AGAP007666-PA	-	80	1.64E-07	2	1262.646	-1.06	Head	2L:-:48867619-48867737,48867288-48867504	exon=> In CDS Exon 3 and 2 of transcript AGAP007666-PA
JHU_Ag_79239	FDTDGSGSINMTEFLVAIRPNMSESR	AGAP007666-PA	M11(Oxidation), M22(Oxidation)	57	2.57E-05	1	2906.340	3.58	Head	2L:-:48867736-48867659	exon=> In CDS Exon 2 of transcript AGAP007666-PA
JHU_Ag_79761	ALSSGALTDSIEK	AGAP007666-PA	-	50	0.000162546	2	1291.674	0.15	Salivary gland	2L:-:48868011-48867973	exon=> In CDS Exon 1 of transcript AGAP007666-PA
JHU_Ag_90327	TGDGTITIEDLKNVYSVK	AGAP007666-PA	-	77	1.93E-07	1	1953.032	7.46	Malpighian tubule	2L:-:48867619-48867737,48867288-48867486	exon=> In CDS Exon 3 and 2 of transcript AGAP007666-PA
JHU_Ag_100470	QLNLEEFIK	AGAP007666-PA	-	35	0.003201149	2	1133.622	1.73	Visceras	2L:-:48867885-48867859	exon=> In CDS Exon 1 of transcript AGAP007666-PA

JHU_Ag_37687	TLQEIEDYFSGR	AGAP007667-PA	-	65	3.77E-06	2	1457.694	2.49	Salivary gland	2L:+:48885960-48885995	exon=> In CDS Exon 4 of transcript AGAP007667-PA
JHU_Ag_777	NSAYDKPTKPTTAPVPETTSSSKPGK	AGAP007668-PA	-	115	3.79E-11	1	2689.367	-0.53	Head	2L:-:48888008-48888419,48887512-48887839	exon=> In CDS Exon 2 and 1 of transcript AGAP007668-PA
JHU_Ag_1645	NSAYDKPTKPTTAPVPETTSSSKPGK	AGAP007668-PA	-	104	4.93E-10	1	2689.374	2.19	Malpighian tubule	2L:-:48888008-48888419,48887512-48887839	exon=> In CDS Exon 2 and 1 of transcript AGAP007668-PA
JHU_Ag_2943	ISNLSEAMTEADLEELVKK	AGAP007668-PA	M8(Oxidation)	46	0.000396032	1	2136.071	-1.47	Ovary	2L:-:48887751-48887695	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_8312	ISNLSEAMTEADLEELVK	AGAP007668-PA	M8(Oxidation)	80	1.50E-07	2	2007.984	2.36	Male reproductive organs	2L:-:48887751-48887698	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_9128	NSAYDKPTKPTTAPVPETTSSSKPGK	AGAP007668-PA	-	43	0.000650401	1	2689.374	2.38	Pupa	2L:-:48888008-48888419,48887512-48887839	exon=> In CDS Exon 2 and 1 of transcript AGAP007668-PA
JHU_Ag_10524	GRDDTSAIR	AGAP007668-PA	-	60	1.83E-05	2	990.497	0.77	Male reproductive organs	2L:-:48887778-48887752	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_22314	GFAYVHFR	AGAP007668-PA	-	40	0.001258109	2	996.505	-0.48	Ovary	2L:-:48887637-48887614	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_33122	ISNLSEAMTEADLEELVK	AGAP007668-PA	M8(Oxidation)	162	1.14E-15	1	2007.977	-1.28	Ovary	2L:-:48887751-48887698	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_38810	GFAYVHFR	AGAP007668-PA	-	55	3.62E-05	1	996.506	1.3	Malpighian tubule	2L:-:48887637-48887614	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_49083	PALDDIK	AGAP007668-PA	-	35	0.002280064	1	771.425	0.38	Malpighian tubule	2L:-:48888416-48888396	exon=> In CDS Exon 1 of transcript AGAP007668-PA
JHU_Ag_52792	ISNLSEAMTEADLEELVKK	AGAP007668-PA	M8(Oxidation)	57	2.97E-05	1	2136.085	5.05	Male reproductive organs	2L:-:48887751-48887695	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_53826	GFAYVHFR	AGAP007668-PA	-	54	4.54E-05	1	996.506	1.36	Head	2L:-:48887637-48887614	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_54787	GRDDTSAIR	AGAP007668-PA	-	46	0.000450733	1	990.497	0.65	Malpighian tubule	2L:-:48887778-48887752	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_55310	FGDSATDRPGPNPQTTMVSEDVFMQFITNKEEEQK	AGAP007668-PA	M17(Oxidation), M24(Oxidation)	126	2.25E-12	1	4005.805	-1.77	Ovary	2L:-:48888200-48888096	exon=> In CDS Exon 1 of transcript AGAP007668-PA
JHU_Ag_59968	GFAYVHFR	AGAP007668-PA	-	36	0.002794621	1	996.505	-0.11	Salivary gland	2L:-:48887637-48887614	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_60772	ISNLSEAMTEADLEELVKK	AGAP007668-PA	M8(Oxidation)	50	0.000121118	1	2120.092	6.17	Malpighian tubule	2L:-:48887751-48887695	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_66826	PALDDIK	AGAP007668-PA	-	42	0.000519932	2	771.425	0.62	Ovary	2L:-:48888416-48888396	exon=> In CDS Exon 1 of transcript AGAP007668-PA
JHU_Ag_83361	ISNLSEAMTEADLEELVK	AGAP007668-PA	-	78	2.49E-07	2	1991.982	-0.9	Head	2L:-:48887751-48887698	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_91702	GRDDTSAIR	AGAP007668-PA	-	38	0.003163427	1	990.496	-0.46	Ovary	2L:-:48887778-48887752	exon=> In CDS Exon 2 of transcript AGAP007668-PA
JHU_Ag_94548	NSAYDKPTKPTTAPVPETTSSSKPGK	AGAP007668-PA	-	105	3.79E-10	1	2689.371	1.2	Ovary	2L:-:48888008-48888419,48887512-48887839	exon=> In CDS Exon 2 and 1 of transcript AGAP007668-PA
JHU_Ag_113846	TCEGEHWSFHCPYK	AGAP007668-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	86	7.67E-09	1	1837.749	3.83	Ovary	2L:-:48888050-48888009	exon=> In CDS Exon 1 of transcript AGAP007668-PA
JHU_Ag_2178	IGENLHESLPNLQSIILTGNNIQELGDLEPLTK	AGAP007670-PB,AGAP007670-PA	-	163	2.15E-16	1	3612.902	-2.91	Ovary	2L:-:48890700-48890602;2L:-:48890700-48890602	exon=> In CDS Exon 3 of transcript AGAP007670-PB;exon=> In CDS Exon 3 of transcript AGAP007670-PA
JHU_Ag_3974	LPNLETLSLLTNPVSTK	AGAP007670-PB,AGAP007670-PA	-	66	9.45E-07	2	1840.039	-2.01	Male reproductive organs	2L:-:48890601-48890551;2L:-:48890601-48890551	exon=> In CDS Exon 3 of transcript AGAP007670-PB;exon=> In CDS Exon 3 of transcript AGAP007670-PA

JHU_Ag_71857	LPNLETLSLLTNPVSTK	AGAP007670-PB,AGAP007670-PA	-	86	8.13E-09	2	1840.044	0.65	Midgut	2L:-:48890601-48890551;2L:-:48890601-48890551	exon=> In CDS Exon 3 of transcript AGAP007670-PB;exon=> In CDS Exon 3 of transcript AGAP007670-PA
JHU_Ag_79268	LPNLETLSLLTNPVSTK	AGAP007670-PB,AGAP007670-PA	-	108	4.89E-11	1	1840.046	2.04	Ovary	2L:-:48890601-48890551;2L:-:48890601-48890551	exon=> In CDS Exon 3 of transcript AGAP007670-PB;exon=> In CDS Exon 3 of transcript AGAP007670-PA
JHU_Ag_52228	KLQEYR	AGAP007672-PA	Q3(Deamidated)	34	0.005374683	2	837.445	-1.24	Head	2L:-:48895759-48895742	exon=> In CDS Exon 2 of transcript AGAP007672-PA
JHU_Ag_10248	VDMSNLLGGQIGLNDFIFAHKK	AGAP007674-PB	M3(Oxidation)	91	7.44E-09	1	2433.263	1.51	Midgut	2L:-:48916823-48916758	exon=> In CDS Exon 2 of transcript AGAP007674-PB
JHU_Ag_17651	VDMSNLLGGQIGLNDFIFAHK	AGAP007674-PB	M3(Oxidation)	60	1.53E-05	1	2305.163	-0.93	Ovary	2L:-:48916823-48916761	exon=> In CDS Exon 2 of transcript AGAP007674-PB
JHU_Ag_58270	EVEIVK	AGAP007674-PB	-	44	0.000501716	1	716.419	-0.39	Male reproductive organs	2L:-:48916745-48916728	exon=> In CDS Exon 2 of transcript AGAP007674-PB
JHU_Ag_78957	VDMSNLLGGQIGLNDFIFAHK	AGAP007674-PB	M3(Oxidation)	85	4.32E-08	1	2305.166	0.5	Midgut	2L:-:48916823-48916761	exon=> In CDS Exon 2 of transcript AGAP007674-PB
JHU_Ag_98276	IAECYDFPMDEILFCTLNSHK	AGAP007674-PB	C4(Carbamidomethyl), M9(Oxidation), C15(Carbamidomethyl)	29	0.010231593	1	2619.162	2.17	Midgut	2L:-:48923463-48923730,48916623-48916824	exon=> In CDS Exon 2 and 1 of transcript AGAP007674-PB
JHU_Ag_115432	IPHIQIGDHIEK	AGAP007674-PB	-	52	6.16E-05	1	1399.771	1	Malpighian tubule	2L:-:48916637-48916853,48916253-48916487	exon=> In CDS Exon 3 and 2 of transcript AGAP007674-PB
JHU_Ag_949	IGNVVQLVK	AGAP007675-PA	-	53	1.10E-05	2	969.609	-0.08	Male reproductive organs	2L:-:48943125-48943099	exon=> In CDS Exon 1 of transcript AGAP007675-PA
JHU_Ag_5342	QFLESLK	AGAP007675-PA	-	35	0.003609306	1	864.486	3.42	Midgut	2L:-:48942127-48942107	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_9068	LLIIR	AGAP007675-PA	-	20	0.005597189	1	627.458	3.92	Head	2L:-:48930980-48930966	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_18145	YPLLIDPQSQGK	AGAP007675-PA	-	57	2.52E-05	1	1358.734	1.62	Male reproductive organs	2L:-:48932174-48932139	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_20119	AVLLIGEQGTGK	AGAP007675-PA	-	65	2.19E-06	2	1185.685	0.56	Male reproductive organs	2L:-:48935282-48935247	exon=> In CDS Exon 4 of transcript AGAP007675-PA
JHU_Ag_23955	GYMLQYDPEYHLSK	AGAP007675-PA	M3(Oxidation)	48	0.000216061	1	1759.806	3.69	Male reproductive organs	2L:-:48935231-48935190	exon=> In CDS Exon 4 of transcript AGAP007675-PA
JHU_Ag_24303	TVDSSLLILR	AGAP007675-PA	-	51	2.52E-05	2	1116.662	-0.17	Male reproductive organs	2L:-:48941368-48941339	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_27681	IGEIVDFITEHDETLKR	AGAP007675-PA	-	57	2.43E-05	1	2015.043	-0.89	Male reproductive organs	2L:-:48939505-48939455	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_27815	VENDIIALQVPLQR	AGAP007675-PA	-	38	0.000549934	1	1607.915	2.16	Male reproductive organs	2L:-:48939241-48939200	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_27882	RLLIIR	AGAP007675-PA	-	27	0.001276184	2	783.558	2.05	Malpighian tubule	2L:-:48930983-48930966	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_29061	VGTTYGPPQQR	AGAP007675-PA	-	53	9.70E-05	1	1203.611	-0.68	Male reproductive organs	2L:-:48935117-48935085	exon=> In CDS Exon 4 of transcript AGAP007675-PA
JHU_Ag_31947	AREEYRPVAAR	AGAP007675-PA	-	40	0.001818513	1	1317.702	-0.55	Male reproductive organs	2L:-:48931538-48931506	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_33391	AGPTAYHENFR	AGAP007675-PA	-	58	1.91E-05	1	1262.591	-0.34	Male reproductive organs	2L:-:48930605-48930573	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_34866	ANPPIPYGVPETVGR	AGAP007675-PA	-	38	0.001894217	1	1566.829	0.64	Male reproductive organs	2L:-:48941224-48941180	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_39651	TVTGADIATVR	AGAP007675-PA	-	48	0.000184037	2	1103.605	-0.16	Male reproductive organs	2L:-:48933074-48933042	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_48938	ITEEQEIQQR	AGAP007675-PA	-	61	1.13E-05	2	1273.641	1.94	Male reproductive organs	2L:-:48943074-48943045	exon=> In CDS Exon 1 of transcript AGAP007675-PA

JHU_Ag_50139	VLKPAIDYIR	AGAP007675-PA	-	40	0.000342218	1	1187.714	-0.41	Male reproductive organs	2L:-:48942529-48942500	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_50581	VIQLYETSLVR	AGAP007675-PA	-	49	4.54E-05	2	1320.752	-0.07	Male reproductive organs	2L:-:48936381-48936349	exon=> In CDS Exon 3 of transcript AGAP007675-PA
JHU_Ag_54067	LDQFSAILDSIR	AGAP007675-PA	-	64	4.06E-06	2	1377.737	0.02	Male reproductive organs	2L:-:48931118-48931083	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_62885	LPNPLYTPEVSAR	AGAP007675-PA	-	74	4.77E-07	1	1456.780	0.3	Male reproductive organs	2L:-:48931880-48931842	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_63932	IINVFVR	AGAP007675-PA	N3(Deamidated)	32	0.003171695	2	861.508	-13.29	Midgut	2L:-:48940123-48940103	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_67740	DALDNIYDAR	AGAP007675-PA	-	52	8.39E-05	2	1165.548	-0.67	Male reproductive organs	2L:-:48929587-48929558	exon=> In CDS Exon 6 of transcript AGAP007675-PA
JHU_Ag_70782	LVFEPDNVDNASPATVSR	AGAP007675-PA	-	73	7.59E-07	2	1930.950	-0.43	Male reproductive organs	2L:-:48935991-48935938	exon=> In CDS Exon 3 of transcript AGAP007675-PA
JHU_Ag_74130	IINVFVR	AGAP007675-PA	N3(Deamidated)	37	0.001231482	2	861.507	-14.63	Pupa	2L:-:48940123-48940103	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_76842	LAITPLTDR	AGAP007675-PA	-	39	0.001027597	2	999.583	-0.07	Male reproductive organs	2L:-:48937330-48937304	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_85849	VLDVIGVSTK	AGAP007675-PA	-	50	6.22E-05	2	1030.614	-0.03	Male reproductive organs	2L:-:48943155-48943126	exon=> In CDS Exon 1 of transcript AGAP007675-PA
JHU_Ag_89253	IAVVKPDEER	AGAP007675-PA	-	52	3.87E-05	1	1155.638	1.06	Male reproductive organs	2L:-:48932972-48932943	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_93670	FSDDIEDTCIGAVK	AGAP007675-PA	C9(Carbamidomethyl)	45	0.000334059	2	1569.712	1.44	Male reproductive organs	2L:-:48938608-48938567	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_97028	ILEAIYIR	AGAP007675-PA	-	40	0.000361838	2	990.598	-0.03	Male reproductive organs	2L:-:48935769-48935746	exon=> In CDS Exon 3 of transcript AGAP007675-PA
JHU_Ag_97382	YTSISEFTEGK	AGAP007675-PA	-	49	0.000167074	2	1261.596	0.73	Male reproductive organs	2L:-:48942169-48942137	exon=> In CDS Exon 2 of transcript AGAP007675-PA
JHU_Ag_99788	EILDTILSIQPK	AGAP007675-PA	-	51	3.81E-05	2	1369.794	-0.02	Male reproductive organs	2L:-:48929960-48929925	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_100124	ILLLVR	AGAP007675-PA	-	33	0.000250157	2	726.523	-0.83	Male reproductive organs	2L:-:48929668-48929651	exon=> In CDS Exon 6 of transcript AGAP007675-PA
JHU_Ag_101196	NEGETTADFTDAHVER	AGAP007675-PA	-	50	7.41E-05	2	1791.783	2.88	Male reproductive organs	2L:-:48935706-48935659	exon=> In CDS Exon 3 of transcript AGAP007675-PA
JHU_Ag_103346	LIEAAESVDVLR	AGAP007675-PA	-	58	2.10E-05	2	1314.727	0.69	Male reproductive organs	2L:-:48933344-48933309	exon=> In CDS Exon 5 of transcript AGAP007675-PA
JHU_Ag_41496	GVALLCDIK	AGAP007675-PA,AGAP003271-PA	C6(Carbamidomethyl)	42	0.000843592	1	988.549	-0.52	Male reproductive organs	2L:-:48928962-48928936;2R:-:34741019-34740993	exon=> In CDS Exon 7 of transcript AGAP007675-PA;exon=> In CDS Exon 15 of transcript AGAP003271-PA
JHU_Ag_89661	GLEDQLLGR	AGAP007675-PA,AGAP003271-PA	-	60	1.14E-05	2	1000.542	-0.14	Male reproductive organs	2L:-:48931808-48931782;2R:-:34748801-34748775	exon=> In CDS Exon 5 of transcript AGAP007675-PA;exon=> In CDS Exon 10 of transcript AGAP003271-PA
JHU_Ag_6471	YSFLMEYYR	AGAP007676-PA	M5(Oxidation)	63	3.30E-06	1	1287.572	0.19	Midgut	2L:+:48944764-48944781,48944867-48944875	exon=> In CDS Exon 1 and 2 of transcript AGAP007676-PA
JHU_Ag_7320	GTDHMSFYVSPVEGVK	AGAP007676-PA	M5(Oxidation)	54	4.75E-05	1	1768.818	-1.54	Midgut	2L:+:48946501-48946548	exon=> In CDS Exon 4 of transcript AGAP007676-PA
JHU_Ag_17550	MESEADLFESANQKR	AGAP007676-PA	N-Term(Acetyl), M1(Oxidation), Q13(Deamidated)	87	1.40E-08	2	1813.789	-1.23	Midgut	2L:+:48943999-48944043	exon=> In CDS Exon 1 of transcript AGAP007676-PA
JHU_Ag_31505	SDLSAVPLGAECDKELYCGIPFYQNTQHGQR	AGAP007676-PA	C12(Carbamidomethyl), C18(Carbamidomethyl)	61	8.44E-06	1	3553.645	-0.69	Midgut	2L:+:48946288-48946380	exon=> In CDS Exon 4 of transcript AGAP007676-PA

JHU_Ag_53245	LEGGYYVHPQDR	AGAP007676-PA	-	78	2.36E-07	1	1433.679	-0.94	Midgut	2L:+:48946216-48946251	exon=> In CDS Exon 4 of transcript AGAP007676-PA
JHU_Ag_59139	LVGWSFSK	AGAP007676-PA	-	32	0.003906804	1	923.499	0.75	Midgut	2L:+:48946549-48946572	exon=> In CDS Exon 4 of transcript AGAP007676-PA
JHU_Ag_65421	VIDEIAAEANPAAHR	AGAP007676-PA	-	47	0.000304464	1	1576.806	-1	Midgut	2L:+:48944296-48944340	exon=> In CDS Exon 1 of transcript AGAP007676-PA
JHU_Ag_67469	TFINMDVAANGGR	AGAP007676-PA	M5(Oxidation),"M5(Oxidation), N10(Deamidated)",N10(Deamidated)	68	1.88E-06	2	1366.642	-0.39	Midgut	2L:+:48944698-48944736	exon=> In CDS Exon 1 of transcript AGAP007676-PA
JHU_Ag_77946	ALANAPELYDIR	AGAP007676-PA	-	83	7.41E-08	2	1345.711	-0.18	Midgut	2L:+:48945107-48945142	exon=> In CDS Exon 2 of transcript AGAP007676-PA
JHU_Ag_78248	RLEGGYYVHPQDR	AGAP007676-PA	-	47	0.000360123	1	1589.780	-1.19	Midgut	2L:+:48946213-48946251	exon=> In CDS Exon 4 of transcript AGAP007676-PA
JHU_Ag_79471	ASEFQQFVDQFPDYAHVVAYPAHLVSR	AGAP007676-PA	-	66	2.84E-06	1	3121.532	4.93	Midgut	2L:+:48946762-48946842	exon=> In CDS Exon 4 of transcript AGAP007676-PA
JHU_Ag_88134	MESEADLFESANQKR	AGAP007676-PA	N-Term(Acetyl), M1(Oxidation), N12(Deamidated)	71	6.00E-07	1	1813.789	-1.23	Midgut	2L:+:48943999-48944043	exon=> In CDS Exon 1 of transcript AGAP007676-PA
JHU_Ag_97454	AYGDMYLDYEKYPQTSVYQGIQNVVAR	AGAP007676-PA	M5(Oxidation)	158	2.47E-15	1	3171.519	3.04	Midgut	2L:+:48944362-48944442	exon=> In CDS Exon 1 of transcript AGAP007676-PA
JHU_Ag_62246	CYACGLTQTSGDVR	AGAP007679-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	92	4.64E-09	2	1587.685	-2.8	Midgut	2L:-:48972188-48972147	exon=> In CDS Exon 2 of transcript AGAP007679-PA
JHU_Ag_67342	CVSEPQSVEGQSVVTCSR	AGAP007679-PA	C1(Carbamidomethyl), C16(Carbamidomethyl)	69	1.46E-06	2	2008.907	0.28	Midgut	2L:-:48972146-48972093	exon=> In CDS Exon 2 of transcript AGAP007679-PA
JHU_Ag_89734	LVTFLR	AGAP007679-PA	-	33	0.000847562	2	748.471	-0.67	Midgut	2L:-:48971586-48971569	exon=> In CDS Exon 3 of transcript AGAP007679-PA
JHU_Ag_83525	ILLGLK	AGAP007682-PA	-	21	0.007874854	1	656.472	1.8	Midgut	2L:-:48993821-48993804	exon=> In CDS Exon 1 of transcript AGAP007682-PA
JHU_Ag_745	SCAQLQPGVNVK	AGAP007683-PA	C2(Carbamidomethyl)	55	4.78E-05	1	1300.672	2.94	Malpighian tubule	2L:-:49007791-49007756	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_2766	SCAQLQPGVNVK	AGAP007683-PA	C2(Carbamidomethyl)	37	0.002622747	2	1300.671	2.38	Ovary	2L:-:49007791-49007756	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_7305	ANMEDFAEDQGIVGR	AGAP007683-PA	M3(Oxidation)	77	1.28E-07	1	1667.729	-2.49	Salivary gland	2L:-:49007090-49007046	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_7470	ILIAAR	AGAP007683-PA	-	36	0.000184543	1	656.446	0.5	Midgut	2L:-:49007000-49006983	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_8012	HFEHYLLDEFQK	AGAP007683-PA	-	75	4.59E-07	1	1605.770	-0.05	Head	2L:-:49008424-49008389	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_10283	INEELPNLEPTEETK	AGAP007683-PA	-	37	0.002945041	1	1755.869	2.23	Ovary	2L:-:49006064-49006020	exon=> In CDS Exon 6 of transcript AGAP007683-PA
JHU_Ag_10741	LSQLESATLDIYQR	AGAP007683-PA	-	60	1.28E-05	1	1636.847	-4.52	Salivary gland	2L:-:49007965-49007924	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_11694	ILVGTNLVR	AGAP007683-PA	-	42	0.00017846	2	984.624	3.61	Ovary	2L:-:49007992-49007966	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_14913	NIIISLIDR	AGAP007683-PA	-	51	3.90E-05	2	1056.643	1.33	Visceras	2L:-:49007755-49007729	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_17165	LILPGILEQVVSCR	AGAP007683-PA	C13(Carbamidomethyl)	66	1.04E-06	1	1596.917	1.81	Head	2L:-:49007923-49007882	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_17584	NIIISLIDR	AGAP007683-PA	-	33	0.002503832	2	1056.645	3.29	Ovary	2L:-:49007755-49007729	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_24178	HFEHYLLDEFQK	AGAP007683-PA	-	86	4.08E-08	1	1605.775	3.22	Malpighian tubule	2L:-:49008424-49008389	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_26436	ANMEDFAEDQGIVGR	AGAP007683-PA	M3(Oxidation)	115	2.39E-11	1	1667.740	4.03	Malpighian tubule	2L:-:49007090-49007046	exon=> In CDS Exon 3 of transcript AGAP007683-PA

JHU_Ag_30977	ILIAAR	AGAP007683-PA	-	32	0.000416005	1	656.445	-0.15	Male reproductive organs	2L:-:49007000-49006983	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_39371	ILVGTNLVR	AGAP007683-PA	-	54	1.53E-05	2	984.619	-1.1	Visceras	2L:-:49007992-49007966	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_42096	ILVGTNLVR	AGAP007683-PA	-	46	9.24E-05	2	984.621	0.82	Head	2L:-:49007992-49007966	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_43483	ILVGTNLVR	AGAP007683-PA	-	40	0.000374786	2	984.621	0.45	Male reproductive organs	2L:-:49007992-49007966	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_44364	ANMEDFAEDQGIVGRFVHLLR	AGAP007683-PA	M3(Oxidation)	121	1.27E-11	1	2433.216	7.25	Malpighian tubule	2L:-:49007090-49007028	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_46702	HFEHYLLDEFQK	AGAP007683-PA	-	72	9.25E-07	1	1605.777	4.5	Ovary	2L:-:49008424-49008389	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_47595	LSNISHSLSVNQELSR	AGAP007683-PA	-	88	1.77E-08	1	1783.928	-1.15	Salivary gland	2L:-:49007455-49008646,49006698-49007328	exon=> In CDS Exon 3 and 2 of transcript AGAP007683-PA
JHU_Ag_52137	ILVGTNLVR	AGAP007683-PA	-	55	1.27E-05	1	984.621	1.13	Malpighian tubule	2L:-:49007992-49007966	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_52748	SELPELALR	AGAP007683-PA	-	42	0.000409439	2	1027.579	0.36	Visceras	2L:-:49006805-49006779	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_53519	NIIISLIDR	AGAP007683-PA	-	34	0.002116436	2	1056.644	2.83	Midgut	2L:-:49007755-49007729	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_53833	VLETTAQILDR	AGAP007683-PA	-	36	0.003233456	2	1258.699	-0.84	Midgut	2L:-:49007494-49007462	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_56505	YVLPPLVFQAYQLAYK	AGAP007683-PA	-	111	3.77E-11	1	1913.063	2.96	Malpighian tubule	2L:-:49006946-49006899	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_56722	ANMEDFAEDQGIVGR	AGAP007683-PA	M3(Oxidation)	115	2.16E-11	1	1667.731	-1.39	Midgut	2L:-:49007090-49007046	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_57639	ANMEDFAEDQGIVGR	AGAP007683-PA	M3(Oxidation)	82	4.87E-08	2	1667.734	0.29	Ovary	2L:-:49007090-49007046	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_58295	LLKKPDQCR	AGAP007683-PA	C8(Carbamidomethyl)	44	0.000478394	1	1157.649	2.88	Malpighian tubule	2L:-:49006481-49006455	exon=> In CDS Exon 4 of transcript AGAP007683-PA
JHU_Ag_59195	YVLPPLVFQAYQLAYK	AGAP007683-PA	-	108	7.83E-11	1	1913.069	6.31	Salivary gland	2L:-:49006946-49006899	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_62116	INEELPNLEPTEETK	AGAP007683-PA	-	66	3.93E-06	1	1755.869	2.44	Head	2L:-:49006064-49006020	exon=> In CDS Exon 6 of transcript AGAP007683-PA
JHU_Ag_63857	ILVGTNLVR	AGAP007683-PA	-	39	0.000425629	2	984.620	-0.24	Salivary gland	2L:-:49007992-49007966	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_65380	AVVTCASLFWSGK	AGAP007683-PA	C5(Carbamidomethyl)	87	3.16E-08	2	1425.721	0.83	Ovary	2L:-:49006454-49006631,49006149-49006332	exon=> In CDS Exon 5 and 4 of transcript AGAP007683-PA
JHU_Ag_67427	IQHQGHSSER	AGAP007683-PA	-	44	0.00053967	1	1178.565	-1.08	Head	2L:-:49008055-49008026	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_68077	HFEHYLLDEFQK	AGAP007683-PA	-	48	0.000260491	1	1605.778	5.41	Midgut	2L:-:49008424-49008389	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_69434	GLFLRNYLLQCTR	AGAP007683-PA	C11(Carbamidomethyl)	39	0.001073152	1	1653.897	4.59	Malpighian tubule	2L:-:49008214-49008176	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_71475	ILQFCHSTIAVLAK	AGAP007683-PA	C5(Carbamidomethyl)	38	0.001178937	1	1600.890	1.11	Salivary gland	2L:-:49006847-49006806	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_76300	YVLPPLVFQAYQLAYK	AGAP007683-PA	-	80	5.59E-08	1	1913.064	3.82	Ovary	2L:-:49006946-49006899	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_78055	NIIISLIDR	AGAP007683-PA	-	49	6.88E-05	1	1056.641	-0.06	Malpighian tubule	2L:-:49007755-49007729	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_78373	YVLPPLVFQAYQLAYK	AGAP007683-PA	-	47	0.000111264	1	1913.057	-0.13	Midgut	2L:-:49006946-49006899	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_81307	NIIISLIDRLALYNQR	AGAP007683-PA	-	49	1.61E-05	3	1915.125	6.45	Malpighian tubule	2L:-:49007755-49007708	exon=> In CDS Exon 2 of transcript AGAP007683-PA

JHU_Ag_83181	GNTQITVSMLNQLIAK	AGAP007683-PA	M9(Oxidation)	33	0.004363026	2	1746.946	2.11	Ovary	2L:-:49006184-49006332,49005915-49006065	exon=> In CDS Exon 6 and 5 of transcript AGAP007683-PA
JHU_Ag_90638	AVVTCASLFWSGK	AGAP007683-PA	C5(Carbamidomethyl)	88	2.50E-08	1	1425.722	1.43	Salivary gland	2L:-:49006454-49006631,49006149-49006332	exon=> In CDS Exon 5 and 4 of transcript AGAP007683-PA
JHU_Ag_91622	VLETTAQILDR	AGAP007683-PA	-	66	3.03E-06	2	1258.701	0.71	Salivary gland	2L:-:49007494-49007462	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_92489	INEELPNLEPTEETK	AGAP007683-PA	-	51	0.000110623	2	1755.865	0.22	Salivary gland	2L:-:49006064-49006020	exon=> In CDS Exon 6 of transcript AGAP007683-PA
JHU_Ag_93762	NIIISLIDR	AGAP007683-PA	-	41	0.000355829	1	1056.643	2.02	Head	2L:-:49007755-49007729	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_93998	KVPDLYEHVQYAGNIVPR	AGAP007683-PA	-	58	1.31E-05	1	2098.110	0.81	Ovary	2L:-:49008382-49008329	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_94687	HFGTGGQHR	AGAP007683-PA	-	40	0.001215856	2	996.478	2.52	Head	2L:-:49006979-49006953	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_96233	NIIISLIDR	AGAP007683-PA	-	50	4.41E-05	2	1056.640	-1.21	Salivary gland	2L:-:49007755-49007729	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_97590	LILPGILEQVVSCR	AGAP007683-PA	C13(Carbamidomethyl)	99	4.47E-10	1	1596.919	2.97	Salivary gland	2L:-:49007923-49007882	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_102531	VLETTAQILDR	AGAP007683-PA	-	62	8.84E-06	2	1258.701	0.61	Ovary	2L:-:49007494-49007462	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_102559	DQDDQPADVR	AGAP007683-PA	-	52	3.94E-05	2	1158.505	2.54	Malpighian tubule	2L:-:49007120-49007091	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_104145	SDDPDTQYKILIAAR	AGAP007683-PA	-	95	3.76E-09	1	1705.885	5.61	Malpighian tubule	2L:-:49007027-49006983	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_109859	KVPDLYEHVQYAGNIVPR	AGAP007683-PA	-	56	2.13E-05	1	2098.110	1.07	Head	2L:-:49008382-49008329	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_109864	PQTPINSVDEQDKLLTEAMTVVR	AGAP007683-PA	M19(Oxidation)	104	4.38E-10	1	2600.344	7.83	Malpighian tubule	2L:-:49008646-49008578	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_111909	LSNISHSLSVNQELSR	AGAP007683-PA	-	88	2.17E-08	1	1783.933	1.83	Head	2L:-:49007455-49008646,49006698-49007328	exon=> In CDS Exon 3 and 2 of transcript AGAP007683-PA
JHU_Ag_112085	NYLLQCTR	AGAP007683-PA	C6(Carbamidomethyl)	50	0.000138668	2	1067.532	1.88	Malpighian tubule	2L:-:49008199-49008176	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_113222	ILVGTNLVR	AGAP007683-PA	-	42	0.00025884	2	984.620	-0.05	Pupa	2L:-:49007992-49007966	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_115096	ILQFCHSTIAVLAK	AGAP007683-PA	C5(Carbamidomethyl)	38	0.001527594	1	1600.888	0.28	Ovary	2L:-:49006847-49006806	exon=> In CDS Exon 3 of transcript AGAP007683-PA
JHU_Ag_116574	NIIISLIDR	AGAP007683-PA	-	50	5.11E-05	2	1056.642	0.52	Pupa	2L:-:49007755-49007729	exon=> In CDS Exon 2 of transcript AGAP007683-PA
JHU_Ag_806	MRHLLLFLALVGFAVGQGSR	AGAP007684-PA	M1(Oxidation), Q17(Deamidated)	30	0.003719296	1	2202.222	0.01	Malpighian tubule	2L:-:49015542-49015483	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_5461	GREMVQLAPQQMLACVR	AGAP007684-PA	M4(Oxidation), M12(Oxidation), C15(Carbamidomethyl)	93	7.77E-09	1	2018.994	0.55	Midgut	2L:-:49014633-49014583	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_5582	QQGCSGGHLDTAWQYLR	AGAP007684-PA	C4(Carbamidomethyl)	65	4.04E-06	1	1976.905	0.93	Midgut	2L:-:49014579-49014529	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_6149	LIGWGEER	AGAP007684-PA	-	37	0.003035777	1	959.496	1.53	Ovary	2L:-:49014044-49014021	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_6800	TGVVNEECYPYIAAQNVCK	AGAP007684-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	73	7.06E-07	2	2215.016	-0.1	Visceras	2L:-:49014525-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_7096	FRQEFPGPYCAAR	AGAP007684-PA	C10(Carbamidomethyl)	65	4.03E-06	1	1598.754	0.39	Male reproductive organs	2L:-:49015482-49015444	exon=> In CDS Exon 1 of transcript AGAP007684-PA

JHU_Ag_9959	ISNDDTLITANCELPVK	AGAP007684-PA	C12(Carbamidomethyl)	88	2.06E-08	1	1902.952	2.24	Head	2L:-:49014393-49014343	exon=> In CDS Exon 5 of transcript AGAP007684-PA
JHU_Ag_14098	RTGVVNEECYPYIAAQNVCK	AGAP007684-PA	C9(Carbamidomethyl), C19(Carbamidomethyl)	59	1.78E-05	1	2371.124	2.9	Ovary	2L:-:49014528-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_14265	QQGCSGGHLDTAWQYLR	AGAP007684-PA	C4(Carbamidomethyl)	72	1.01E-06	1	1976.910	3.55	Ovary	2L:-:49014579-49014529	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_15232	FDASEHWTGLVAEAR	AGAP007684-PA	-	84	4.97E-08	1	1688.800	-1.74	Ovary	2L:-:49014828-49014784	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_15703	VYRDFFSYR	AGAP007684-PA	-	42	0.001065404	1	1252.611	0.04	Male reproductive organs	2L:-:49014140-49014114	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_16815	GTVQAIMR	AGAP007684-PA	M7(Oxidation)	54	7.38E-05	2	891.472	0.01	Midgut	2L:-:49014258-49014445,49013994-49014141	exon=> In CDS Exon 6 and 5 of transcript AGAP007684-PA
JHU_Ag_18329	FRQEFPGPYCAAR	AGAP007684-PA	C10(Carbamidomethyl)	56	3.37E-05	1	1598.756	1.92	Ovary	2L:-:49015482-49015444	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_18636	ISNDDTLITANCELPVK	AGAP007684-PA	C12(Carbamidomethyl)	82	8.41E-08	1	1902.951	1.54	Midgut	2L:-:49014393-49014343	exon=> In CDS Exon 5 of transcript AGAP007684-PA
JHU_Ag_19827	TGVVNEECYPYIAAQNVCK	AGAP007684-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	80	1.31E-07	2	2215.017	0.56	Salivary gland	2L:-:49014525-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_20593	VGELQELIVGTGYVPHPSR	AGAP007684-PA	-	151	7.11E-15	1	2051.091	-0.34	Head	2L:-:49013775-49013719	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_21561	QQGCSGGHLDTAWQYLRR	AGAP007684-PA	C4(Carbamidomethyl)	59	1.87E-05	1	2133.010	2.5	Ovary	2L:-:49014579-49014526	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_21976	FRQEFPGPYCAAR	AGAP007684-PA	C10(Carbamidomethyl)	62	8.47E-06	1	1598.755	1.03	Salivary gland	2L:-:49015482-49015444	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_22985	QQGCSGGHLDTAWQYLR	AGAP007684-PA	C4(Carbamidomethyl)	56	3.28E-05	1	1976.903	-0.06	Head	2L:-:49014579-49014529	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_23284	ISNDDTLITANCELPVK	AGAP007684-PA	C12(Carbamidomethyl)	96	3.36E-09	1	1902.951	1.86	Ovary	2L:-:49014393-49014343	exon=> In CDS Exon 5 of transcript AGAP007684-PA
JHU_Ag_23904	GGHLPTR	AGAP007684-PA	-	38	0.001657417	1	737.404	-1.15	Ovary	2L:-:49014849-49014829	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_24793	LGTFQPR	AGAP007684-PA	-	49	0.000238032	2	818.452	0.52	Larva	2L:-:49014906-49014886	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_25759	GGHLPTRFDASEHWTGLVAEAR	AGAP007684-PA	-	97	3.06E-09	1	2407.200	4.06	Ovary	2L:-:49014849-49014784	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_25875	HSAAATPAEER	AGAP007684-PA	-	52	8.07E-05	2	1139.545	0.82	Male reproductive organs	2L:-:49014098-49014066	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_27423	RTGVVNEECYPYIAAQNVCK	AGAP007684-PA	C9(Carbamidomethyl), C19(Carbamidomethyl)	78	2.20E-07	1	2371.126	3.67	Malpighian tubule	2L:-:49014528-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_31145	GSNECDIESYVLASNPYVHEHVQAIR	AGAP007684-PA	C5(Carbamidomethyl)	115	3.92E-11	1	2987.403	2.47	Visceras	2L:-:49013856-49013779	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_32223	LGTFQPR	AGAP007684-PA	-	56	4.12E-05	2	818.457	5.59	Male reproductive organs	2L:-:49014906-49014886	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_35019	NRYFTPYDQALVDNCNTCK	AGAP007684-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	96	2.81E-09	1	2379.054	2.04	Malpighian tubule	2L:-:49015196-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_35716	RTGVVNEECYPYIAAQNVCK	AGAP007684-PA	C9(Carbamidomethyl), C19(Carbamidomethyl)	51	0.000119248	1	2371.118	0.42	Midgut	2L:-:49014528-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_38144	VGELQELIVGTGYVPHPSRR	AGAP007684-PA	-	118	9.71E-12	1	2207.205	5.14	Ovary	2L:-:49013775-49013716	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_38941	LGTFQPR	AGAP007684-PA	-	44	0.000742548	2	818.453	1.57	Ovary	2L:-:49014906-49014886	exon=> In CDS Exon 3 of transcript AGAP007684-PA

JHU_Ag_39006	FRQEFPGPYCAAR	AGAP007684-PA	C10(Carbamidomethyl)	90	1.27E-08	1	1598.750	-1.83	Head	2L:-:49015482-49015444	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_39772	FDASEHWTGLVAEAR	AGAP007684-PA	-	60	1.28E-05	1	1688.805	1.07	Malpighian tubule	2L:-:49014828-49014784	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_41080	GREMVQLAPQQMLACVR	AGAP007684-PA	M4(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl),"M4(Oxidation), M12(Oxidation), C15(Carbamidomethyl)"	82	9.42E-08	1	1987.009	2.51	Malpighian tubule	2L:-:49014633-49014583	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_42114	YFTPYDQALVDNCNTCK	AGAP007684-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	113	2.77E-11	1	2108.906	0.15	Head	2L:-:49015190-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_42342	VYRDFFSYR	AGAP007684-PA	-	48	0.000217091	1	1252.616	3.64	Ovary	2L:-:49014140-49014114	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_43692	MRHLLLFLALVGFAVGQGSR	AGAP007684-PA	M1(Oxidation), Q17(Deamidated)	38	0.000656853	1	2202.216	-2.43	Ovary	2L:-:49015542-49015483	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_43943	QQGCSGGHLDTAWQYLR	AGAP007684-PA	C4(Carbamidomethyl)	84	5.55E-08	1	1976.904	0.5	Malpighian tubule	2L:-:49014579-49014529	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_46394	HSAAATPAEER	AGAP007684-PA	-	63	7.10E-06	2	1139.542	-2.18	Head	2L:-:49014098-49014066	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_48005	GSNECDIESYVLASNPYVHEHVQAIRK	AGAP007684-PA	C5(Carbamidomethyl)	122	9.28E-12	1	3115.495	1.58	Malpighian tubule	2L:-:49013856-49013776	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_48296	LGTFQPR	AGAP007684-PA	-	48	0.000296918	2	818.451	-1.27	Midgut	2L:-:49014906-49014886	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_51016	FDASEHWTGLVAEAR	AGAP007684-PA	-	71	8.52E-07	1	1688.801	-0.87	Head	2L:-:49014828-49014784	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_55293	TGVVNEECYPYIAAQNVCK	AGAP007684-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	112	1.03E-10	1	2215.023	3.32	Ovary	2L:-:49014525-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_55634	RTGVVNEECYPYIAAQNVCK	AGAP007684-PA	C9(Carbamidomethyl), C19(Carbamidomethyl)	56	3.50E-05	1	2371.118	0.27	Salivary gland	2L:-:49014528-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_55756	YFTPYDQALVDNCNTCK	AGAP007684-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	101	4.57E-10	1	2108.910	2.23	Malpighian tubule	2L:-:49015190-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_59457	VYRDFFSYR	AGAP007684-PA	-	48	0.000270503	1	1252.614	2.18	Malpighian tubule	2L:-:49014140-49014114	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_61891	VGYDVVK	AGAP007684-PA	-	40	0.001378359	2	779.432	3.43	Malpighian tubule	2L:-:49014020-49014000	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_62172	EMVQLAPQQMLACVR	AGAP007684-PA	M2(Oxidation), M10(Oxidation), C13(Carbamidomethyl)	56	3.40E-05	2	1805.874	1.83	Midgut	2L:-:49014627-49014583	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_66613	LIGWGEER	AGAP007684-PA	-	45	0.000546926	2	959.495	0.18	Malpighian tubule	2L:-:49014044-49014021	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_68785	MRHLLLFLALVGFAVGQGSR	AGAP007684-PA	M1(Oxidation), Q17(Deamidated)	43	0.000214807	1	2202.218	-1.66	Head	2L:-:49015542-49015483	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_68826	YFTPYDQALVDNCNTCK	AGAP007684-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	82	3.27E-08	1	2108.908	1.42	Male reproductive organs	2L:-:49015190-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_69594	YFTPYDQALVDNCNTCK	AGAP007684-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	31	0.005835274	1	2108.921	7.44	Visceras	2L:-:49015190-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_71073	FRQEFPGPYCAAR	AGAP007684-PA	C10(Carbamidomethyl)	53	6.28E-05	1	1598.750	-1.94	Midgut	2L:-:49015482-49015444	exon=> In CDS Exon 1 of transcript AGAP007684-PA

JHU_Ag_71637	ISNDDTLITANCELPVK	AGAP007684-PA	C12(Carbamidomethyl)	74	6.31E-07	2	1902.955	3.53	Salivary gland	2L:-:49014393-49014343	exon=> In CDS Exon 5 of transcript AGAP007684-PA
JHU_Ag_76261	VGELQELIVGTGYVPHPSR	AGAP007684-PA	-	94	2.71E-09	1	2051.099	3.32	Ovary	2L:-:49013775-49013719	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_77212	GSNECDIESYVLASNPYVHEHVQAIR	AGAP007684-PA	C5(Carbamidomethyl)	128	2.07E-12	1	2987.391	-1.33	Head	2L:-:49013856-49013779	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_80979	SAYHSVR	AGAP007684-PA	-	38	0.003312957	1	819.410	-0.57	Midgut	2L:-:49014065-49014045	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_81203	DRGTVQAIMR	AGAP007684-PA	-	60	1.67E-05	1	1146.599	-4.76	Head	2L:-:49014264-49014445,49013994-49014141	exon=> In CDS Exon 6 and 5 of transcript AGAP007684-PA
JHU_Ag_81996	KVGELQELIVGTGYVPHPSR	AGAP007684-PA	-	73	1.57E-07	1	2179.199	5.45	Ovary	2L:-:49013778-49013719	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_82917	VGYDVVK	AGAP007684-PA	-	60	6.97E-06	2	779.429	-0.8	Midgut	2L:-:49014020-49014000	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_83554	VGELQELIVGTGYVPHPSR	AGAP007684-PA	-	120	7.22E-12	1	2051.094	1	Male reproductive organs	2L:-:49013775-49013719	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_84105	TGVVNEECYPYIAAQNVCK	AGAP007684-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	87	2.37E-08	2	2215.014	-0.98	Midgut	2L:-:49014525-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_85227	DRQDGCAQPISTTLCYCDEFCER	AGAP007684-PA	C6(Carbamidomethyl), C15(Carbamidomethyl), C17(Carbamidomethyl), C21(Carbamidomethyl)	76	4.02E-08	1	2881.169	1.65	Ovary	2L:-:49015425-49015542,49015144-49015287	exon=> In CDS Exon 2 and 1 of transcript AGAP007684-PA
JHU_Ag_85386	YFTPYDQALVDNCNTCK	AGAP007684-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	106	1.58E-10	1	2108.911	2.81	Ovary	2L:-:49015190-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_86072	DRQDGCAQPISTTLCYCDEFCER	AGAP007684-PA	C6(Carbamidomethyl), C15(Carbamidomethyl), C17(Carbamidomethyl), C21(Carbamidomethyl)	90	1.37E-09	1	2881.157	-2.74	Head	2L:-:49015425-49015542,49015144-49015287	exon=> In CDS Exon 2 and 1 of transcript AGAP007684-PA
JHU_Ag_88074	GSNECDIESYVLASNPYVHEHVQAIR	AGAP007684-PA	C5(Carbamidomethyl)	138	2.18E-13	1	2987.402	2.16	Malpighian tubule	2L:-:49013856-49013779	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_88498	HSAAATPAEER	AGAP007684-PA	-	60	1.43E-05	1	1139.544	-0.36	Midgut	2L:-:49014098-49014066	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_90296	FRQEFPGPYCAAR	AGAP007684-PA	C10(Carbamidomethyl)	68	2.39E-06	1	1598.755	0.8	Malpighian tubule	2L:-:49015482-49015444	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_90379	LGTFQPR	AGAP007684-PA	-	47	0.000408918	2	818.452	-0.07	Pupa	2L:-:49014906-49014886	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_90556	LIGWGEER	AGAP007684-PA	-	48	0.000272225	2	959.495	0.18	Midgut	2L:-:49014044-49014021	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_92483	TGVVNEECYPYIAAQNVCK	AGAP007684-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	116	3.96E-11	2	2215.022	2.66	Head	2L:-:49014525-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_93499	KVGELQELIVGTGYVPHPSR	AGAP007684-PA	-	92	2.60E-09	1	2179.189	0.74	Malpighian tubule	2L:-:49013778-49013719	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_93740	GSNECDIESYVLASNPYVHEHVQAIRK	AGAP007684-PA	C5(Carbamidomethyl)	146	3.51E-14	1	3115.492	0.41	Ovary	2L:-:49013856-49013776	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_94985	EMVQLAPQQMLACVR	AGAP007684-PA	C13(Carbamidomethyl)	77	3.19E-07	1	1773.883	1.15	Malpighian tubule	2L:-:49014627-49014583	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_97017	VGELQELIVGTGYVPHPSR	AGAP007684-PA	-	120	7.36E-12	1	2051.097	2.34	Salivary gland	2L:-:49013775-49013719	exon=> In CDS Exon 7 of transcript AGAP007684-PA

JHU_Ag_97233	GSNECDIESYVLASNPYVHEHVQAIR	AGAP007684-PA	C5(Carbamidomethyl)	92	8.98E-09	1	2987.404	2.84	Salivary gland	2L:-:49013856-49013779	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_99696	GSNECDIESYVLASNPYVHEHVQAIR	AGAP007684-PA	C5(Carbamidomethyl)	147	2.70E-14	1	2987.400	1.55	Midgut	2L:-:49013856-49013779	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_100616	FDASEHWTGLVAEAR	AGAP007684-PA	-	83	5.54E-08	1	1688.805	1.5	Male reproductive organs	2L:-:49014828-49014784	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_100880	VGELQELIVGTGYVPHPSR	AGAP007684-PA	-	110	1.08E-10	1	2051.084	-3.73	Malpighian tubule	2L:-:49013775-49013719	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_101506	FDASEHWTGLVAEAR	AGAP007684-PA	-	90	1.37E-08	1	1688.813	6.07	Midgut	2L:-:49014828-49014784	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_101678	YFTPYDQALVDNCNTCK	AGAP007684-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	93	3.42E-09	1	2108.914	4.08	Salivary gland	2L:-:49015190-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_102525	YFTPYDQALVDNCNTCK	AGAP007684-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	113	2.78E-11	1	2108.905	0.03	Midgut	2L:-:49015190-49015321,49014777-49015066	exon=> In CDS Exon 3 and 2 of transcript AGAP007684-PA
JHU_Ag_106055	DRQDGCAQPISTTLCYCDEFCER	AGAP007684-PA	C6(Carbamidomethyl), C15(Carbamidomethyl), C17(Carbamidomethyl), C21(Carbamidomethyl)	55	4.07E-06	1	2881.153	-4.01	Malpighian tubule	2L:-:49015425-49015542,49015144-49015287	exon=> In CDS Exon 2 and 1 of transcript AGAP007684-PA
JHU_Ag_107829	GSNECDIESYVLASNPYVHEHVQAIR	AGAP007684-PA	C5(Carbamidomethyl)	147	3.11E-14	1	2987.394	-0.29	Ovary	2L:-:49013856-49013779	exon=> In CDS Exon 7 of transcript AGAP007684-PA
JHU_Ag_108885	RQQGCSGGHLDTAWQYLR	AGAP007684-PA	C5(Carbamidomethyl)	39	0.002159139	1	2133.002	-1.28	Midgut	2L:-:49014582-49014529	exon=> In CDS Exon 4 of transcript AGAP007684-PA
JHU_Ag_108990	LGTFQPR	AGAP007684-PA	-	43	0.000923924	2	818.452	0.3	Head	2L:-:49014906-49014886	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_109196	LIGWGEER	AGAP007684-PA	-	43	0.000767838	2	959.496	1.07	Male reproductive organs	2L:-:49014044-49014021	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_109503	MRHLLLFLALVGFAVGQGSR	AGAP007684-PA	M1(Oxidation), Q17(Deamidated)	33	0.001977264	1	2202.222	0.12	Salivary gland	2L:-:49015542-49015483	exon=> In CDS Exon 1 of transcript AGAP007684-PA
JHU_Ag_109656	GTVQAIMR	AGAP007684-PA	-	49	0.000177882	2	875.480	3.34	Malpighian tubule	2L:-:49014258-49014445,49013994-49014141	exon=> In CDS Exon 6 and 5 of transcript AGAP007684-PA
JHU_Ag_111153	TGVVNEECYPYIAAQNVCK	AGAP007684-PA	C8(Carbamidomethyl), C18(Carbamidomethyl)	124	5.16E-12	1	2215.017	0.34	Malpighian tubule	2L:-:49014525-49014704,49014246-49014394	exon=> In CDS Exon 5 and 4 of transcript AGAP007684-PA
JHU_Ag_111161	ISNDDTLITANCELPVK	AGAP007684-PA	C12(Carbamidomethyl)	85	4.92E-08	2	1902.950	0.96	Visceras	2L:-:49014393-49014343	exon=> In CDS Exon 5 of transcript AGAP007684-PA
JHU_Ag_112266	HSAAATPAEER	AGAP007684-PA	-	65	4.18E-06	1	1139.545	0.93	Malpighian tubule	2L:-:49014098-49014066	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_115576	HSAAATPAEER	AGAP007684-PA	-	57	2.95E-05	2	1139.544	0.07	Ovary	2L:-:49014098-49014066	exon=> In CDS Exon 6 of transcript AGAP007684-PA
JHU_Ag_116743	ISNDDTLITANCELPVK	AGAP007684-PA	C12(Carbamidomethyl)	94	5.77E-09	2	1902.946	-1.03	Malpighian tubule	2L:-:49014393-49014343	exon=> In CDS Exon 5 of transcript AGAP007684-PA
JHU_Ag_116998	FDASEHWTGLVAEAR	AGAP007684-PA	-	101	9.40E-10	1	1688.806	1.73	Salivary gland	2L:-:49014828-49014784	exon=> In CDS Exon 3 of transcript AGAP007684-PA
JHU_Ag_6004	LNEAYSWSNVNCCVHNVIVGK	AGAP007687-PA	C12(Carbamidomethyl), C13(Carbamidomethyl)	66	4.32E-06	1	2463.163	3.66	Head	2L:+:49063558-49063620	exon=> In CDS Exon 2 of transcript AGAP007687-PA
JHU_Ag_17415	KGQEELVIFPR	AGAP007687-PA	-	87	2.01E-08	2	1315.739	1.43	Head	2L:+:49066657-49066688,49066752-49066752	exon=> In CDS Exon 4 and 5 of transcript AGAP007687-PA
JHU_Ag_19204	LEQGDLDGAAAEK	AGAP007687-PA	-	77	2.64E-07	1	1316.631	-1.54	Head	2L:+:49066573-49066611	exon=> In CDS Exon 4 of transcript AGAP007687-PA

JHU_Ag_54992	GTVTVEFPK	AGAP007687-PA	-	54	5.05E-05	1	977.532	1.49	Head	2L:+:49063531-49063557	exon=> In CDS Exon 2 of transcript AGAP007687-PA
JHU_Ag_57778	LGKPFNPLLGETYELTRPDFR	AGAP007687-PA	-	63	3.51E-06	1	2463.309	2.35	Head	2L:+:49063336-49063398	exon=> In CDS Exon 2 of transcript AGAP007687-PA
JHU_Ag_59311	SPNESPGNTPR	AGAP007687-PA	-	43	0.000626727	2	1155.538	-0.8	Head	2L:+:49063966-49063998	exon=> In CDS Exon 3 of transcript AGAP007687-PA
JHU_Ag_80130	SLSIQEPDDPPEPSEGDIPK	AGAP007687-PA	-	74	5.22E-07	1	2150.013	-0.2	Head	2L:+:49064044-49064061,49066339-49066380	exon=> In CDS Exon 3 and 4 of transcript AGAP007687-PA
JHU_Ag_82020	IICEQVSHHPPISAFHADSDSFR	AGAP007687-PA	C3(Carbamidomethyl)	131	1.08E-12	1	2650.255	3.16	Head	2L:+:49063399-49063467	exon=> In CDS Exon 2 of transcript AGAP007687-PA
JHU_Ag_89732	NDFNIWSVLK	AGAP007687-PA	-	64	5.94E-06	1	1235.647	4.1	Head	2L:+:49063034-49063063	exon=> In CDS Exon 1 of transcript AGAP007687-PA
JHU_Ag_98864	THFLYGK	AGAP007687-PA	-	50	0.000146315	1	865.452	-5.54	Head	2L:+:49063846-49063866	exon=> In CDS Exon 3 of transcript AGAP007687-PA
JHU_Ag_101299	YVSAFAVSALASNWER	AGAP007687-PA	-	115	4.68E-11	2	1770.883	1.03	Head	2L:+:49063288-49063335	exon=> In CDS Exon 2 of transcript AGAP007687-PA
JHU_Ag_107535	VASEQATPLER	AGAP007687-PA	-	74	4.12E-07	2	1200.622	0.34	Head	2L:+:49063249-49063281	exon=> In CDS Exon 2 of transcript AGAP007687-PA
JHU_Ag_108399	KLEQGDLDGAAAEK	AGAP007687-PA	-	73	6.72E-07	1	1444.730	1.39	Head	2L:+:49066570-49066611	exon=> In CDS Exon 4 of transcript AGAP007687-PA
JHU_Ag_112599	ITMPVVFNEPLSFLQR	AGAP007687-PA	M3(Oxidation)	61	6.60E-06	2	1907.017	4	Head	2L:+:49063091-49063125,49063200-49063212	exon=> In CDS Exon 1 and 2 of transcript AGAP007687-PA
JHU_Ag_75345	VDGSNGVR	AGAP007688-PA	-	34	0.007785332	2	803.412	13.87	Head	2L:-:49074704-49074681	exon=> In CDS Exon 1 of transcript AGAP007688-PA
JHU_Ag_96448	ILIVNR	AGAP007688-PA	N5(Deamidated)	30	0.003112585	2	728.466	-1.42	Malpighian tubule	2L:-:49074518-49074501	exon=> In CDS Exon 1 of transcript AGAP007688-PA
JHU_Ag_31824	GIESNDCEIIVVNK	AGAP007689-PA	C7(Carbamidomethyl)	73	9.11E-07	2	1589.789	2.89	Ovary	2L:+:49076405-49076446	exon=> In CDS Exon 1 of transcript AGAP007689-PA
JHU_Ag_106475	TMDGNVLQVGNFSK	AGAP007691-PA,AGAP007691-PC,AGAP007691-PB	M2(Oxidation), N5(Deamidated)	39	0.002143742	1	1526.726	7.12	Midgut	2L:+:49088210-49088251;2L:+:49088210-49088251;2L:+:49088210-49088251	exon=> In CDS Exon 1 of transcript AGAP007691-PA;exon=> In CDS Exon 3 of transcript AGAP007691-PC;exon=> In CDS Exon 3 of transcript AGAP007691-PB
JHU_Ag_15178	LAFSALYQVTDSGTR	AGAP007693-PA	-	45	0.000542594	2	1628.833	2.93	Pupa	2L:-:49091736-49091692	exon=> In CDS Exon 1 of transcript AGAP007693-PA
JHU_Ag_61316	ANAEQLVSDLEQSR	AGAP007693-PA	-	82	1.01E-07	2	1559.770	2.57	Pupa	2L:-:49091640-49091599	exon=> In CDS Exon 1 of transcript AGAP007693-PA
JHU_Ag_28570	DYITTGQQDLVQAVK	AGAP007698-PA	-	87	2.34E-08	2	1678.872	4.56	Head	2L:-:49113935-49113891	exon=> In CDS Exon 7 of transcript AGAP007698-PA
JHU_Ag_110973	DYITTGQQDLVQAVK	AGAP007698-PA	-	73	6.77E-07	1	1678.873	5.07	Male reproductive organs	2L:-:49113935-49113891	exon=> In CDS Exon 7 of transcript AGAP007698-PA
JHU_Ag_1887	TQHSALSR	AGAP007698-PA,AGAP007698-PC	-	44	0.000329616	1	899.472	2.35	Head	2L:-:49117783-49117760;2L:-:49117783-49117760	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_7142	QTLADIEAR	AGAP007698-PA,AGAP007698-PC	-	50	0.000136313	2	1016.537	-0.23	Malpighian tubule	2L:-:49117338-49117312;2L:-:49117338-49117312	exon=> In CDS Exon 6 of transcript AGAP007698-PA;exon=> In CDS Exon 6 of transcript AGAP007698-PC
JHU_Ag_7841	GIEQNIEQEEQQSK	AGAP007698-PA,AGAP007698-PC	-	113	5.53E-11	1	1659.783	0.4	Head	2L:-:49117852-49117811;2L:-:49117852-49117811	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC

JHU_Ag_14322	KFVEVMTEYNR	AGAP007698-PA,AGAP007698-PC	M6(Oxidation)	75	5.25E-07	1	1415.700	1	Malpighian tubule	2L:-:49117759-49117727;2L:-:49117759-49117727	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_16511	HSAILSAPQSDEK	AGAP007698-PA,AGAP007698-PC	Q9(Deamidated)	99	2.02E-09	1	1383.669	-4.07	Head	2L:-:49118141-49118285,49117948-49118020;2L:-:49118141-49118285,49117948-49118020	exon=> In CDS Exon 3 and 2 of transcript AGAP007698-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007698-PC
JHU_Ag_18124	GIEQNIEQEEQQSK	AGAP007698-PA,AGAP007698-PC	-	109	1.48E-10	1	1659.784	1.35	Malpighian tubule	2L:-:49117852-49117811;2L:-:49117852-49117811	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_22749	KHSAILSAPQSDEK	AGAP007698-PA,AGAP007698-PC	-	77	2.41E-07	1	1510.786	-0.33	Head	2L:-:49118144-49118285,49117948-49118020;2L:-:49118144-49118285,49117948-49118020	exon=> In CDS Exon 3 and 2 of transcript AGAP007698-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007698-PC
JHU_Ag_26647	KFVEVMTEYNR	AGAP007698-PA,AGAP007698-PC	M6(Oxidation)	74	6.12E-07	1	1431.698	3.18	Head	2L:-:49117759-49117727;2L:-:49117759-49117727	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_33715	GIEQNIEQEEQQSK	AGAP007698-PA,AGAP007698-PC	-	86	3.41E-08	1	1659.781	-0.41	Male reproductive organs	2L:-:49117852-49117811;2L:-:49117852-49117811	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_38532	IQANVEEVK	AGAP007698-PA,AGAP007698-PC	-	38	0.002720767	1	1029.558	-0.05	Head	2L:-:49118174-49118148;2L:-:49118174-49118148	exon=> In CDS Exon 2 of transcript AGAP007698-PA;exon=> In CDS Exon 2 of transcript AGAP007698-PC
JHU_Ag_39495	FVEVMTEYNR	AGAP007698-PA,AGAP007698-PC	-	51	7.18E-05	1	1287.605	0.82	Head	2L:-:49117756-49117727;2L:-:49117756-49117727	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_42590	LKGIEQNIEQEEQQSK	AGAP007698-PA,AGAP007698-PC	-	119	1.72E-11	1	1900.959	-1.24	Head	2L:-:49117953-49118021,49117669-49117811;2L:-:49117953-49118021,49117669-49117811	exon=> In CDS Exon 4 and 3 of transcript AGAP007698-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007698-PC
JHU_Ag_51424	GIEQNIEQEEQQSK	AGAP007698-PA,AGAP007698-PC	-	101	8.62E-10	1	1659.778	-2.32	Midgut	2L:-:49117852-49117811;2L:-:49117852-49117811	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_55198	HSAILSAPQSDEK	AGAP007698-PA,AGAP007698-PC	-	53	7.88E-05	2	1382.693	1.67	Visceras	2L:-:49118141-49118285,49117948-49118020;2L:-:49118141-49118285,49117948-49118020	exon=> In CDS Exon 3 and 2 of transcript AGAP007698-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007698-PC
JHU_Ag_60087	HADIIKLENSIR	AGAP007698-PA,AGAP007698-PC	-	28	0.007107119	1	1408.791	0.31	Head	2L:-:49117311-49117276;2L:-:49117311-49117276	exon=> In CDS Exon 6 of transcript AGAP007698-PA;exon=> In CDS Exon 6 of transcript AGAP007698-PC

JHU_Ag_61421	QTLADIEAR	AGAP007698-PA,AGAP007698-PC	-	56	3.97E-05	2	1016.536	-1.44	Head	2L:-:49117338-49117312;2L:-:49117338-49117312	exon=> In CDS Exon 6 of transcript AGAP007698-PA;exon=> In CDS Exon 6 of transcript AGAP007698-PC
JHU_Ag_64916	HADIIKLENSIR	AGAP007698-PA,AGAP007698-PC	-	38	0.000722 26	1	1408.793	1.49	Malpighian tubule	2L:-:49117311-49117276;2L:-:49117311-49117276	exon=> In CDS Exon 6 of transcript AGAP007698-PA;exon=> In CDS Exon 6 of transcript AGAP007698-PC
JHU_Ag_71797	GIEQNIEQEEQQSK	AGAP007698-PA,AGAP007698-PC	-	109	1.51E-10	1	1659.786	2.09	Visceras	2L:-:49117852-49117811;2L:-:49117852-49117811	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_72229	QTLADIEAR	AGAP007698-PA,AGAP007698-PC	-	38	0.002215 83	2	1016.537	-0.59	Visceras	2L:-:49117338-49117312;2L:-:49117338-49117312	exon=> In CDS Exon 6 of transcript AGAP007698-PA;exon=> In CDS Exon 6 of transcript AGAP007698-PC
JHU_Ag_73379	QELEDLMADIK	AGAP007698-PA,AGAP007698-PC	M7(Oxidation)	77	3.34E-07	1	1304.643	2.05	Head	2L:-:49118013-49117981;2L:-:49118013-49117981	exon=> In CDS Exon 3 of transcript AGAP007698-PA;exon=> In CDS Exon 3 of transcript AGAP007698-PC
JHU_Ag_92012	LKGIEQNIEQEEQQSK	AGAP007698-PA,AGAP007698-PC	-	102	8.97E-10	1	1900.958	-1.49	Malpighian tubule	2L:-:49117953-49118021,491176 69-49117811;2L:-:49117953-49118021,491176 69-49117811	exon=> In CDS Exon 4 and 3 of transcript AGAP007698-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007698-PC
JHU_Ag_101708	IQANVEEVKK	AGAP007698-PA,AGAP007698-PC	-	58	1.77E-05	2	1157.653	0.31	Head	2L:-:49118174-49118145;2L:-:49118174-49118145	exon=> In CDS Exon 2 of transcript AGAP007698-PA;exon=> In CDS Exon 2 of transcript AGAP007698-PC
JHU_Ag_107486	KTQHSALSR	AGAP007698-PA,AGAP007698-PC	-	45	0.000254 153	2	1027.565	0.5	Male reproductive organs	2L:-:49117786-49117760;2L:-:49117786-49117760	exon=> In CDS Exon 4 of transcript AGAP007698-PA;exon=> In CDS Exon 4 of transcript AGAP007698-PC
JHU_Ag_37205	IEYHVEHAMDYVQTATQDTKK	AGAP007698-PC	M9(Oxidation)	84	4.93E-08	1	2523.189	2.85	Head	2L:-:49115385-49115323	exon=> In CDS Exon 7 of transcript AGAP007698-PC
JHU_Ag_41803	IEYHVEHAMDYVQTATQDTK	AGAP007698-PC	M9(Oxidation), Q13(Deamidated),M9(Oxidation)	143	5.41E-14	1	2395.089	0.97	Head	2L:-:49115385-49115326	exon=> In CDS Exon 7 of transcript AGAP007698-PC
JHU_Ag_889	YVATLGVEVHPLVFHTNR	AGAP007699-PC	N17(Deamidated)	122	4.98E-12	1	2052.106	1.9	Ovary	2L:-:49133315-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_1297	KYVATLGVEVHPLVFHTNR	AGAP007699-PC	-	91	3.98E-09	1	2180.198	0.38	Pupa	2L:-:49133318-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_3651	KYVATLGVEVHPLVFHTNR	AGAP007699-PC	N18(Deamidated)	102	2.71E-10	1	2180.203	2.54	Ovary	2L:-:49133318-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_5981	MDKDWQVQIEK	AGAP007699-PC	M1(Oxidation)	93	8.55E-09	1	1435.686	-1.63	Pupa	2L:-:49132787-49132755	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_8129	YVATLGVEVHPLVFHTNR	AGAP007699-PC	-	127	1.41E-12	1	2052.108	2.62	Head	2L:-:49133315-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_11963	VCENIPIVLCGNK	AGAP007699-PC	C2(Carbamidomethyl), C10(Carbamidomethyl)	79	1.84E-07	1	1515.767	1	Malpighian tubule	2L:-:49133099-49133061	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_13353	NLQYYDISAK	AGAP007699-PC	-	48	0.000166 267	1	1214.604	-0.68	Pupa	2L:-:49133003-49133423,491327 01-49132896	exon=> In CDS Exon 2 and 1 of transcript AGAP007699-PC
JHU_Ag_13404	LVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M12(Oxidation)	53	3.11E-05	1	2265.225	2.11	Male reproductive organs	2L:-:49132850-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC

JHU_Ag_14470	NLQYYDISAK	AGAP007699-PC	-	43	0.000519763	1	1214.604	-0.58	Malpighian tubule	2L:-:49133003-49133423,49132701-49132896	exon=> In CDS Exon 2 and 1 of transcript AGAP007699-PC
JHU_Ag_14826	VCENIPIVLCGNK	AGAP007699-PC	C2(Carbamidomethyl), C10(Carbamidomethyl)	64	6.38E-06	1	1515.768	1.56	Salivary gland	2L:-:49133099-49133061	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_14970	NLQYYDISAK	AGAP007699-PC	-	48	0.000180995	1	1214.606	0.72	Head	2L:-:49133003-49133423,49132701-49132896	exon=> In CDS Exon 2 and 1 of transcript AGAP007699-PC
JHU_Ag_19178	NLQYYDISAK	AGAP007699-PC	-	63	6.61E-06	1	1214.607	1.53	Visceras	2L:-:49133003-49133423,49132701-49132896	exon=> In CDS Exon 2 and 1 of transcript AGAP007699-PC
JHU_Ag_20109	TTFVKR	AGAP007699-PC	-	31	0.002361294	1	751.447	0.52	Malpighian tubule	2L:-:49133360-49133343	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_21895	MDKDWQVQIEK	AGAP007699-PC	M1(Oxidation)	90	1.71E-08	1	1435.689	0.16	Ovary	2L:-:49132787-49132755	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_22097	GAIRFNVWDTAGQEK	AGAP007699-PC	-	106	4.05E-10	1	1691.859	5.16	Malpighian tubule	2L:-:49133261-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_23041	KLVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M13(Oxidation)	79	3.29E-08	1	2377.323	1.25	Pupa	2L:-:49132853-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_25252	YVATLGVEVHPLVFHTNR	AGAP007699-PC	-	75	2.66E-07	1	2052.102	-0.31	Midgut	2L:-:49133315-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_25790	FNVWDTAGQEK	AGAP007699-PC	-	39	0.001753592	1	1294.608	1.66	Pupa	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_27874	AEADMPTFK	AGAP007699-PC	N-Term(Acetyl), M5(Oxidation)	53	4.29E-05	1	1067.470	-1.23	Ovary	2L:-:49133420-49133394	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_32061	KYVATLGVEVHPLVFHTNR	AGAP007699-PC	-	99	5.90E-10	1	2180.203	2.28	Malpighian tubule	2L:-:49133318-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_34058	AEADMPTFK	AGAP007699-PC	N-Term(Acetyl), M5(Oxidation)	44	0.00037052	2	1067.471	-0.89	Male reproductive organs	2L:-:49133420-49133394	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_34537	YVATLGVEVHPLVFHTNR	AGAP007699-PC	-	81	4.96E-08	1	2052.114	5.76	Malpighian tubule	2L:-:49133315-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_36604	KLVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M13(Oxidation)	87	7.76E-09	1	2393.316	0.59	Ovary	2L:-:49132853-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_37568	NVPNWHR	AGAP007699-PC	-	37	0.003028221	1	922.464	0.04	Pupa	2L:-:49133132-49133112	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_38399	SNYNFEKPFLWLAR	AGAP007699-PC	-	89	1.64E-08	1	1784.914	0.91	Midgut	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_44303	VCENIPIVLCGNK	AGAP007699-PC	C2(Carbamidomethyl), C10(Carbamidomethyl)	86	3.67E-08	1	1515.768	1.08	Male reproductive organs	2L:-:49133099-49133061	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_44728	KLVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M13(Oxidation)	28	0.005435027	1	2393.312	-1.4	Midgut	2L:-:49132853-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_45345	HMTGEFEK	AGAP007699-PC	M2(Oxidation)	50	6.13E-05	1	994.429	-1.09	Ovary	2L:-:49133342-49133319	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_48018	LVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M12(Oxidation)	110	6.96E-11	1	2265.221	0.52	Ovary	2L:-:49132850-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_50446	NLQYYDISAK	AGAP007699-PC	-	55	3.29E-05	1	1214.605	-0.24	Male reproductive organs	2L:-:49133003-49133423,49132701-49132896	exon=> In CDS Exon 2 and 1 of transcript AGAP007699-PC
JHU_Ag_55786	FNVWDTAGQEK	AGAP007699-PC	-	73	6.70E-07	1	1294.605	-0.79	Midgut	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_57221	FNVWDTAGQEK	AGAP007699-PC	-	72	9.86E-07	1	1294.607	0.24	Male reproductive organs	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_59258	SNYNFEKPFLWLAR	AGAP007699-PC	-	102	8.67E-10	1	1784.917	2.75	Pupa	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_64297	FNVWDTAGQEK	AGAP007699-PC	-	64	6.10E-06	1	1294.606	-0.13	Salivary gland	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC

JHU_Ag_66555	KLVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M13(Oxidation)	78	4.50E-08	1	2377.323	1.13	Visceras	2L:-:49132853-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_66650	SNYNFEKPFLWLAR	AGAP007699-PC	-	107	2.46E-10	1	1784.912	-0.15	Ovary	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_69733	KLVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M13(Oxidation)	66	8.34E-07	1	2393.315	-0.02	Male reproductive organs	2L:-:49132853-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_69754	YVATLGVEVHPLVFHTNR	AGAP007699-PC	-	93	3.81E-09	1	2052.101	-0.79	Pupa	2L:-:49133315-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_70754	KLVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M13(Oxidation)	41	0.000131669	2	2377.348	11.61	Malpighian tubule	2L:-:49132853-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_76098	SNYNFEKPFLWLAR	AGAP007699-PC	-	94	5.12E-09	1	1784.915	1.84	Head	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_79546	VCENIPIVLCGNK	AGAP007699-PC	C2(Carbamidomethyl), C10(Carbamidomethyl)	78	2.53E-07	1	1515.768	1.64	Visceras	2L:-:49133099-49133061	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_84963	DLEEAQATALPDEDEDL	AGAP007699-PC	-	90	8.90E-09	1	1873.822	1.57	Ovary	2L:-:49132754-49132704	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_86114	YVATLGVEVHPLVFHTNR	AGAP007699-PC	-	124	3.23E-12	1	2052.106	1.9	Visceras	2L:-:49133315-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_86210	LVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M12(Oxidation)	45	0.000232849	1	2265.221	0.57	Pupa	2L:-:49132850-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_89160	NLQYYDISAK	AGAP007699-PC	-	50	0.000128726	1	1214.606	0.86	Ovary	2L:-:49133003-49133423,49132701-49132896	exon=> In CDS Exon 2 and 1 of transcript AGAP007699-PC
JHU_Ag_91389	AEADMPTFK	AGAP007699-PC	N-Term(Acetyl)	54	4.43E-05	1	1051.479	2.7	Malpighian tubule	2L:-:49133420-49133394	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_92916	FNVWDTAGQEK	AGAP007699-PC	-	75	4.40E-07	2	1294.607	0.43	Ovary	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_95346	NLQYYDISAK	AGAP007699-PC	-	37	0.002141931	2	1214.605	-0.54	Salivary gland	2L:-:49133003-49133423,49132701-49132896	exon=> In CDS Exon 2 and 1 of transcript AGAP007699-PC
JHU_Ag_96788	SNYNFEKPFLWLARK	AGAP007699-PC	-	63	4.02E-06	1	1913.010	1.67	Malpighian tubule	2L:-:49132895-49132851	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_100875	KYVATLGVEVHPLVFHTNR	AGAP007699-PC	-	38	0.000692937	1	2180.198	0.38	Salivary gland	2L:-:49133318-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_102255	DGYYIQGQCAIIMFDVTSR	AGAP007699-PC	C9(Carbamidomethyl)	35	0.004196421	2	2237.040	1.43	Visceras	2L:-:49133201-49133145	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_103418	SNYNFEKPFLWLAR	AGAP007699-PC	-	42	0.000873517	1	1784.916	2.03	Salivary gland	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_105640	CVLVGDGGTGK	AGAP007699-PC	C1(Carbamidomethyl)	44	0.000747746	1	1062.529	4.04	Malpighian tubule	2L:-:49133393-49133361	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_107289	FNVWDTAGQEK	AGAP007699-PC	-	38	0.002523065	1	1294.608	1.47	Malpighian tubule	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_108562	SNYNFEKPFLWLAR	AGAP007699-PC	-	102	8.84E-10	1	1784.916	2.24	Visceras	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_108696	SNYNFEKPFLWLAR	AGAP007699-PC	-	102	8.07E-10	1	1784.921	5.12	Malpighian tubule	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_109372	SNYNFEKPFLWLAR	AGAP007699-PC	-	64	4.75E-06	1	1784.932	11.41	Larva	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_109636	KYVATLGVEVHPLVFHTNR	AGAP007699-PC	-	92	3.21E-09	1	2180.201	1.72	Visceras	2L:-:49133318-49133262	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_110733	SNYNFEKPFLWLAR	AGAP007699-PC	-	109	1.55E-10	1	1784.913	0.61	Male reproductive organs	2L:-:49132895-49132854	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_111207	LVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M12(Oxidation)	99	7.82E-10	1	2265.227	3	Head	2L:-:49132850-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_111415	FNVWDTAGQEK	AGAP007699-PC	-	82	9.57E-08	1	1294.608	1.47	Head	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC

JHU_Ag_113457	FNVWDTAGQEK	AGAP007699-PC	-	86	3.85E-08	1	1294.608	1.43	Visceras	2L:-:49133249-49133217	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_113500	KLVGDPNLEFVAMPALLPPEVK	AGAP007699-PC	M13(Oxidation)	56	7.80E-06	1	2393.320	2.27	Head	2L:-:49132853-49132788	exon=> In CDS Exon 2 of transcript AGAP007699-PC
JHU_Ag_113590	VCENIPIVLCGNK	AGAP007699-PC	C2(Carbamidomethyl), C10(Carbamidomethyl)	55	4.52E-05	1	1515.764	-1.42	Head	2L:-:49133099-49133061	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_116898	VCENIPIVLCGNK	AGAP007699-PC	C2(Carbamidomethyl), C10(Carbamidomethyl)	83	6.43E-08	1	1515.767	0.92	Ovary	2L:-:49133099-49133061	exon=> In CDS Exon 1 of transcript AGAP007699-PC
JHU_Ag_17952	YTSGDLEQGSSCLK	AGAP007700-PA	C12(Carbamidomethyl)	113	4.50E-11	1	1544.693	1.8	Malpighian tubule	2L:+:49136280-49136321	exon=> In CDS Exon 3 of transcript AGAP007700-PA
JHU_Ag_25877	VNINAIEPYVELLK	AGAP007700-PA	-	55	1.72E-05	1	1614.919	5.37	Male reproductive organs	2L:+:49135746-49135787	exon=> In CDS Exon 2 of transcript AGAP007700-PA
JHU_Ag_27165	IGEILAHGDWVSAMK	AGAP007700-PA	-	40	0.00126633	1	1626.834	1.9	Malpighian tubule	2L:+:49136505-49136549	exon=> In CDS Exon 3 of transcript AGAP007700-PA
JHU_Ag_33973	FPSIEVGTTRPPLNM	AGAP007700-PA	M15(Oxidation)	83	8.13E-08	1	1674.850	-1.29	Ovary	2L:+:49136568-49136612	exon=> In CDS Exon 3 of transcript AGAP007700-PA
JHU_Ag_44535	AEKEIANFR	AGAP007700-PA	-	48	0.000227783	1	1077.568	-0.36	Malpighian tubule	2L:+:49136244-49136270	exon=> In CDS Exon 3 of transcript AGAP007700-PA
JHU_Ag_50346	VNINAIEPYVELLK	AGAP007700-PA	-	68	9.23E-07	1	1614.915	2.87	Malpighian tubule	2L:+:49135746-49135787	exon=> In CDS Exon 2 of transcript AGAP007700-PA
JHU_Ag_50633	MDVDAVLCLPELYFKPK	AGAP007700-PA	M1(Oxidation), C8(Carbamidomethyl)	81	9.74E-08	1	2054.040	2.91	Malpighian tubule	2L:+:49135977-49136027	exon=> In CDS Exon 2 of transcript AGAP007700-PA
JHU_Ag_57166	IGEILAHGDWVSAMKK	AGAP007700-PA	M14(Oxidation)	67	1.90E-06	2	1754.937	6.22	Malpighian tubule	2L:+:49136505-49136552	exon=> In CDS Exon 3 of transcript AGAP007700-PA
JHU_Ag_58809	VNINAIEPYVELLK	AGAP007700-PA	-	33	0.002967539	2	1614.916	3.55	Pupa	2L:+:49135746-49135787	exon=> In CDS Exon 2 of transcript AGAP007700-PA
JHU_Ag_75499	VNINAIEPYVELLK	AGAP007700-PA	-	72	3.89E-07	1	1614.910	-0.3	Ovary	2L:+:49135746-49135787	exon=> In CDS Exon 2 of transcript AGAP007700-PA
JHU_Ag_87920	YTSGDLEQGSSCLKEGR	AGAP007700-PA	C12(Carbamidomethyl)	136	2.73E-13	1	1886.857	1.27	Malpighian tubule	2L:+:49136280-49136330	exon=> In CDS Exon 3 of transcript AGAP007700-PA
JHU_Ag_88756	FPSIEVGTTRPPLNM	AGAP007700-PA	-	66	3.61E-06	1	1658.859	1.15	Malpighian tubule	2L:+:49136568-49136612	exon=> In CDS Exon 3 of transcript AGAP007700-PA
JHU_Ag_97551	MLVTEAWQR	AGAP007700-PA	M1(Oxidation)	64	6.87E-06	2	1149.572	-0.3	Malpighian tubule	2L:+:49135860-49135886	exon=> In CDS Exon 2 of transcript AGAP007700-PA
JHU_Ag_117555	SCEQLVTYLK	AGAP007700-PA	C2(Carbamidomethyl)	63	6.65E-06	1	1240.628	3.02	Malpighian tubule	2L:+:49136028-49136057	exon=> In CDS Exon 2 of transcript AGAP007700-PA
JHU_Ag_41756	IFLNYAVR	AGAP007701-PA	-	44	0.000221745	2	995.572	4.47	Malpighian tubule	2L:-:49137562-49137539	exon=> In CDS Exon 2 of transcript AGAP007701-PA
JHU_Ag_30111	LENSTPNQTELLGHLLHVAGQLGK	AGAP007702-PA	-	32	0.003610524	1	2569.388	5.53	Ovary	2L:+:49138529-49138558,49138639-49138680	exon=> In CDS Exon 1 and 2 of transcript AGAP007702-PA
JHU_Ag_35133	LENSTPNQTELLGHLLHVAGQLGK	AGAP007702-PA	-	80	6.32E-08	1	2569.377	1.54	Malpighian tubule	2L:+:49138529-49138558,49138639-49138680	exon=> In CDS Exon 1 and 2 of transcript AGAP007702-PA
JHU_Ag_43102	LENSTPNQTELLGHLLHVAGQLGK	AGAP007702-PA	-	80	6.29E-08	1	2569.378	1.64	Head	2L:+:49138529-49138558,49138639-49138680	exon=> In CDS Exon 1 and 2 of transcript AGAP007702-PA
JHU_Ag_9760	NPELAVIVEVIK	AGAP007705-PA	-	88	2.93E-09	1	1323.789	0.52	Ovary	2L:+:49142764-49142799	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_22054	ILNEYADELYGPVETTR	AGAP007705-PA	-	45	0.000500831	2	1982.976	2.71	Malpighian tubule	2L:+:49142254-49142304	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_25193	ANLKNPELAVIVEVIK	AGAP007705-PA	-	58	9.95E-07	1	1750.046	-0.76	Ovary	2L:+:49142752-49142799	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_42434	YNVVELVAAR	AGAP007705-PA	-	59	9.72E-06	2	1133.636	4	Ovary	2L:+:49142848-49142877	exon=> In CDS Exon 1 of transcript AGAP007705-PA

JHU_Ag_54905	VVGETVNEQPEPEEQIKDAAAGEK	AGAP007705-PA	-	71	1.11E-06	1	2567.249	0.48	Ovary	2L:+:49142929-49143000	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_55706	DIMDVVGR	AGAP007705-PA	M3(Oxidation)	37	0.003852968	1	920.450	-0.25	Ovary	2L:+:49142590-49142613	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_79847	GLCCIGILPEYYPLR	AGAP007705-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	71	1.32E-06	1	1823.915	-1.58	Ovary	2L:+:49142800-49142844	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_81666	ILNEYADELYGPVETTR	AGAP007705-PA	-	78	2.72E-07	1	1982.972	0.55	Ovary	2L:+:49142254-49142304	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_89278	LGDQYFLKEPK	AGAP007705-PA	-	59	1.48E-05	1	1337.715	3.45	Ovary	2L:+:49142614-49142646	exon=> In CDS Exon 1 of transcript AGAP007705-PA
JHU_Ag_15249	LVQAPVDVQGENVVQDR	AGAP007706-PA	-	80	1.31E-07	2	1865.978	3.57	Ovary	2L:-:49144991-49144941	exon=> In CDS Exon 3 of transcript AGAP007706-PA
JHU_Ag_105902	GNSGNNLGK	AGAP007706-PA	N2(Deamidated), N5(Deamidated)	40	0.001223677	2	862.402	13.49	Salivary gland	2L:-:49145924-49145898	exon=> In CDS Exon 2 of transcript AGAP007706-PA
JHU_Ag_2357	LFVGPISPNDFSSGVFR	AGAP007710-PA	-	85	4.08E-08	1	1838.947	1.73	Malpighian tubule	2L:-:49171711-49171661	exon=> In CDS Exon 1 of transcript AGAP007710-PA
JHU_Ag_13406	LFVGPISPNDFSSGVFR	AGAP007710-PA	-	65	3.96E-06	2	1838.942	-1.13	Midgut	2L:-:49171711-49171661	exon=> In CDS Exon 1 of transcript AGAP007710-PA
JHU_Ag_78314	LFVGPISPNDFSSGVFR	AGAP007710-PA	-	54	5.22E-05	2	1838.948	2.32	Salivary gland	2L:-:49171711-49171661	exon=> In CDS Exon 1 of transcript AGAP007710-PA
JHU_Ag_47307	HNDQLEELR	AGAP007712-PA	-	54	5.35E-05	2	1153.556	-3.54	Head	2L:+:49189524-49189550	exon=> In CDS Exon 16 of transcript AGAP007712-PA
JHU_Ag_108029	NLVPVVPR	AGAP007712-PA	N1(Deamidated)	25	0.009438074	1	894.541	0.32	Malpighian tubule	2L:+:49182050-49182073	exon=> In CDS Exon 5 of transcript AGAP007712-PA
JHU_Ag_57390	YDFAIKPAIK	AGAP007714-PA	-	53	2.83E-05	1	1165.662	0.04	Male reproductive organs	2L:+:49199607-49199636	exon=> In CDS Exon 3 of transcript AGAP007714-PA
JHU_Ag_102014	ITNVTHLK	AGAP007715-PA	-	29	0.004161979	1	925.550	3.35	Larva	2L:-:49209794-49209771	exon=> In CDS Exon 3 of transcript AGAP007715-PA
JHU_Ag_15408	LESLLK	AGAP007717-PA	-	35	0.002653466	1	702.442	3.09	Ovary	2L:-:49219943-49219926	exon=> In CDS Exon 8 of transcript AGAP007717-PA
JHU_Ag_36639	IQYLK	AGAP007717-PA	Q2(Deamidated)	31	0.005633441	1	665.389	2.53	Larva	2L:-:49220783-49220769	exon=> In CDS Exon 8 of transcript AGAP007717-PA
JHU_Ag_59818	KGDIIYLR	AGAP007717-PA,AGAP007717-PB,AGAP007717-PC	-	31	0.003837937	2	977.578	-0.39	Visceras	2L:-:49213673-49213650;2L:-:49213673-49213650;2L:-:49213673-49213650	exon=> In CDS Exon 14 of transcript AGAP007717-PA;exon=> In CDS Exon 14 of transcript AGAP007717-PB;exon=> In CDS Exon 13 of transcript AGAP007717-PC
JHU_Ag_18266	SSGYQSEPEPNYDSDYTVK	AGAP007717-PB,AGAP007717-PC	-	66	1.27E-06	1	2165.917	1.01	Head	2L:-:49225122-49225066;2L:-:49225122-49225066	exon=> In CDS Exon 8 of transcript AGAP007717-PB;exon=> In CDS Exon 8 of transcript AGAP007717-PC
JHU_Ag_19188	SSGYQSEPEPNYDSDYTVK	AGAP007717-PB,AGAP007717-PC	-	44	0.000236677	2	2165.920	2.59	Malpighian tubule	2L:-:49225122-49225066;2L:-:49225122-49225066	exon=> In CDS Exon 8 of transcript AGAP007717-PB;exon=> In CDS Exon 8 of transcript AGAP007717-PC
JHU_Ag_24553	TPIGLSSTSYSK	AGAP007717-PB,AGAP007717-PC	-	43	0.000541157	1	1240.646	2.97	Malpighian tubule	2L:-:49225041-49225136,49224785-49224935;2L:-:49225041-49225136,49224785-49224935	exon=> In CDS Exon 9 and 8 of transcript AGAP007717-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP007717-PC

JHU_Ag_28767	GQESGTTLTIGPK	AGAP007717-PB,AGAP007717-PC	-	43	0.000883993	2	1288.678	3.02	Male reproductive organs	2L:-:49228807-49228810,49228501-49228526;2L:-:49228807-49228810,49228501-49228526	exon=> In CDS Exon 2 and 1 of transcript AGAP007717-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP007717-PC
JHU_Ag_43723	TSSLGVWSPFNR	AGAP007717-PB,AGAP007717-PC	-	43	0.000963375	2	1350.680	-0.29	Male reproductive organs	2L:-:49228513-49228557,49226373-49226815;2L:-:49228513-49228557,49226373-49226815	exon=> In CDS Exon 3 and 2 of transcript AGAP007717-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007717-PC
JHU_Ag_49691	QSSAGIINPTANQKPLVGQR	AGAP007717-PB,AGAP007717-PC	-	62	3.25E-06	1	2079.135	2.33	Malpighian tubule	2L:-:49226034-49226144,49225775-49225904;2L:-:49226034-49226144,49225775-49225904	exon=> In CDS Exon 5 and 4 of transcript AGAP007717-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP007717-PC
JHU_Ag_51863	QSSAGIINPTANQKPLVGQR	AGAP007717-PB,AGAP007717-PC	-	62	4.01E-06	1	2079.132	0.48	Head	2L:-:49226034-49226144,49225775-49225904;2L:-:49226034-49226144,49225775-49225904	exon=> In CDS Exon 5 and 4 of transcript AGAP007717-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP007717-PC
JHU_Ag_74874	FNTLQNKPTTPQQYHQQSIK	AGAP007717-PB,AGAP007717-PC	-	96	3.51E-09	1	2401.228	0.88	Head	2L:-:49224934-49224875;2L:-:49224934-49224875	exon=> In CDS Exon 9 of transcript AGAP007717-PB;exon=> In CDS Exon 9 of transcript AGAP007717-PC
JHU_Ag_83571	SASASTTSQGQVTQVR	AGAP007717-PB,AGAP007717-PC	-	71	1.27E-06	2	1607.800	0.97	Head	2L:-:49226487-49226440;2L:-:49226487-49226440	exon=> In CDS Exon 3 of transcript AGAP007717-PB;exon=> In CDS Exon 3 of transcript AGAP007717-PC
JHU_Ag_89041	TPIGLSSTSYSK	AGAP007717-PB,AGAP007717-PC	-	39	0.001292018	1	1240.643	0.71	Male reproductive organs	2L:-:49225041-49225136,49224785-49224935;2L:-:49225041-49225136,49224785-49224935	exon=> In CDS Exon 9 and 8 of transcript AGAP007717-PB;exon=> In CDS Exon 9 and 8 of transcript AGAP007717-PC
JHU_Ag_93926	SASASTTSQGQVTQVR	AGAP007717-PB,AGAP007717-PC	-	42	0.000846822	1	1607.802	2.41	Visceras	2L:-:49226487-49226440;2L:-:49226487-49226440	exon=> In CDS Exon 3 of transcript AGAP007717-PB;exon=> In CDS Exon 3 of transcript AGAP007717-PC
JHU_Ag_1628	KGDIIYLR	AGAP007717-PB,AGAP007717-PC,AGAP007717-PA	-	43	0.000225809	1	977.576	-2.32	Head	2L:-:49213673-49213650;2L:-:49213673-49213650;2L:-:49213673-49213650	exon=> In CDS Exon 14 of transcript AGAP007717-PB;exon=> In CDS Exon 13 of transcript AGAP007717-PC;exon=> In CDS Exon 14 of transcript AGAP007717-PA

JHU_Ag_28996	ALYNFQGQSVR	AGAP007717-PB,AGAP007717-PC,AGAP007717-PA	-	62	7.42E-06	2	1282.652	-1.27	Head	2L:-:49213796-49214104,492135 75-49213689;2L:-:49213796-49214104,492135 75-49213689;2L:-:49213796-49214104,492135 75-49213689	exon=> In CDS Exon 14 and 13 of transcript AGAP007717-PB;exon=> In CDS Exon 13 and 12 of transcript AGAP007717-PC;exon=> In CDS Exon 14 and 13 of transcript AGAP007717-PA
JHU_Ag_91790	KGDIIYLR	AGAP007717-PB,AGAP007717-PC,AGAP007717-PA	-	44	0.000198 197	2	977.577	-0.64	Male reproductive organs	2L:-:49213673-49213650;2L:-:49213673-49213650;2L:-:49213673-49213650	exon=> In CDS Exon 14 of transcript AGAP007717-PB;exon=> In CDS Exon 13 of transcript AGAP007717-PC;exon=> In CDS Exon 14 of transcript AGAP007717-PA
JHU_Ag_103519	ALKEQGYESDSTLVFR	AGAP007717-PB,AGAP007717-PC,AGAP007717-PA	-	48	0.000218 405	1	1842.932	4.82	Malpighian tubule	2L:-:49223428-49223381;2L:-:49223428-49223381;2L:-:49223428-49223381	exon=> In CDS Exon 12 of transcript AGAP007717-PB;exon=> In CDS Exon 11 of transcript AGAP007717-PC;exon=> In CDS Exon 3 of transcript AGAP007717-PA
JHU_Ag_107865	ALYNFQGQSVR	AGAP007717-PB,AGAP007717-PC,AGAP007717-PA	-	51	9.08E-05	1	1282.654	0.06	Male reproductive organs	2L:-:49213796-49214104,492135 75-49213689;2L:-:49213796-49214104,492135 75-49213689;2L:-:49213796-49214104,492135 75-49213689	exon=> In CDS Exon 14 and 13 of transcript AGAP007717-PB;exon=> In CDS Exon 13 and 12 of transcript AGAP007717-PC;exon=> In CDS Exon 14 and 13 of transcript AGAP007717-PA
JHU_Ag_7025	DGSLGYDFENVVLDNR	AGAP007718-PA	-	119	1.56E-11	2	1812.835	-2.53	Midgut	2L:+:49257558-49257605	exon=> In CDS Exon 7 of transcript AGAP007718-PA
JHU_Ag_21962	IFAILPFHVR	AGAP007718-PA	-	52	2.28E-05	1	1212.725	-0.06	Midgut	2L:+:49256225-49256254	exon=> In CDS Exon 3 of transcript AGAP007718-PA
JHU_Ag_79275	FGDAIWR	AGAP007718-PA	-	44	0.000604 37	2	864.437	1.22	Midgut	2L:+:49257618-49257638	exon=> In CDS Exon 7 of transcript AGAP007718-PA
JHU_Ag_96726	DDYNSR	AGAP007719-PA	N4(Deamidated)	26	0.002140 025	1	770.295	-0.15	Midgut	2L:-:49262053-49262036	exon=> In CDS Exon 1 of transcript AGAP007719-PA
JHU_Ag_14334	ADALQHGASQFEQQAGK	AGAP007721-PA,AGAP007721-PB	-	115	4.91E-11	1	1785.852	0.24	Male reproductive organs	2L:+:49272647-49272697;2L:+:492 72647-49272697	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_22534	LKQTQAQVDEVVGIMR	AGAP007721-PA,AGAP007721-PB	M15(Oxidation)	73	5.49E-07	2	1830.976	0.72	Male reproductive organs	2L:+:49272542-49272589;2L:+:492 72542-49272589	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_24563	ADALQHGASQFEQQAGK	AGAP007721-PA,AGAP007721-PB	-	119	1.87E-11	1	1785.851	-0.02	Midgut	2L:+:49272647-49272697;2L:+:492 72647-49272697	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_36922	QTQAQVDEVVGIMR	AGAP007721-PA,AGAP007721-PB	-	67	3.36E-06	2	1573.807	4.41	Malpighian tubule	2L:+:49272548-49272589;2L:+:492 72548-49272589	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_48669	ADALQHGASQFEQQAGK	AGAP007721-PA,AGAP007721-PB	-	103	7.79E-10	1	1785.855	2.09	Malpighian tubule	2L:+:49272647-49272697;2L:+:492 72647-49272697	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_59167	ADALQHGASQFEQQAGK	AGAP007721-PA,AGAP007721-PB	-	65	4.05E-06	2	1785.856	2.5	Visceras	2L:+:49272647-49272697;2L:+:492 72647-49272697	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB

JHU_Ag_67541	ADALQHGASQFEQQAGK	AGAP007721-PA,AGAP007721-PB	-	74	5.32E-07	1	1785.851	-0.37	Ovary	2L:+:49272647-49272697;2L:+:49272647-49272697	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_70571	LKQTQAQVDEVVGIMR	AGAP007721-PA,AGAP007721-PB	M15(Oxidation)	131	7.47E-13	1	1830.982	3.99	Malpighian tubule	2L:+:49272542-49272589;2L:+:49272542-49272589	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_114688	QTQAQVDEVVGIMR	AGAP007721-PA,AGAP007721-PB	-	79	2.17E-07	2	1573.801	0.23	Head	2L:+:49272548-49272589;2L:+:49272548-49272589	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_114690	ADALQHGASQFEQQAGK	AGAP007721-PA,AGAP007721-PB	-	113	7.73E-11	1	1785.855	1.68	Head	2L:+:49272647-49272697;2L:+:49272647-49272697	exon=> In CDS Exon 2 of transcript AGAP007721-PA;exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_97259	LPPPPTDSTQPAGANASNNATTNR	AGAP007721-PB	-	82	9.80E-08	1	2392.154	2.34	Head	2L:+:49272470-49272541	exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_115214	LPPPPTDSTQPAGANASNNATTNR	AGAP007721-PB	-	37	0.002962991	3	2392.147	-0.72	Midgut	2L:+:49272470-49272541	exon=> In CDS Exon 2 of transcript AGAP007721-PB
JHU_Ag_239	APNAAELK	AGAP007722-PA	-	48	0.000127147	2	813.446	-0.78	Salivary gland	2L:+:49277180-49277203	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_4494	SASDVFANIDSIFTK	AGAP007722-PA	-	118	2.23E-11	2	1614.796	-3.24	Midgut	2L:+:49278388-49278432	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_5376	VKPASDSTGINAILLGPPGSGK	AGAP007722-PA	-	155	1.21E-15	1	2079.144	-0.11	Head	2L:+:49277204-49277269	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_5547	LVSDELVVDMIDSNLDKPECR	AGAP007722-PA	C20(Carbamidomethyl),"M10(Oxidation),C20(Carbamidomethyl)"	101	1.22E-09	1	2447.177	-1.16	Midgut	2L:+:49277962-49278024	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_5695	NGFLLDGFPR	AGAP007722-PA	N1(Deamidated)	75	4.78E-07	2	1136.577	3.21	Malpighian tubule	2L:+:49278025-49278054	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_9075	SYHEEFAPPK	AGAP007722-PA	-	49	0.000135041	2	1204.562	-0.97	Ovary	2L:+:49278196-49278225	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_10726	RSDDNAQALVK	AGAP007722-PA	-	59	2.28E-05	2	1216.628	0	Visceras	2L:+:49278268-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_13166	SYHEEFAPPK	AGAP007722-PA	-	58	1.91E-05	1	1204.563	-0.36	Visceras	2L:+:49278196-49278225	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_15243	VKPASDSTGINAILLGPPGSGK	AGAP007722-PA	-	82	2.81E-08	1	2079.143	-0.7	Midgut	2L:+:49277204-49277269	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_15493	LIHQASGR	AGAP007722-PA	-	40	0.000513816	2	881.495	-0.26	Head	2L:+:49278172-49278195	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_18517	LVSDELVVDMIDSNLDKPECR	AGAP007722-PA	C20(Carbamidomethyl)	101	1.28E-09	1	2447.181	0.64	Visceras	2L:+:49277962-49278024	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_25135	SDDNAQALVK	AGAP007722-PA	-	86	3.34E-08	2	1060.526	-1.22	Head	2L:+:49278271-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_26355	QTKPLADYYALR	AGAP007722-PA	-	39	0.001320186	1	1438.770	0.87	Visceras	2L:+:49278322-49278357	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_29299	LIHQASGR	AGAP007722-PA	-	43	0.000184529	1	881.498	2.72	Male reproductive organs	2L:+:49278172-49278195	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_33077	SASDVFANIDSIFTKQR	AGAP007722-PA	-	114	5.14E-11	1	1898.967	3.4	Malpighian tubule	2L:+:49278388-49278438	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_33895	RSDDNAQALVK	AGAP007722-PA	-	87	3.43E-08	1	1216.626	-1.71	Ovary	2L:+:49278268-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_34786	SASDVFANIDSIFTK	AGAP007722-PA	-	86	3.79E-08	1	1614.802	0.39	Salivary gland	2L:+:49278388-49278432	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_35376	SASDVFANIDSIFTK	AGAP007722-PA	-	106	3.38E-10	2	1614.804	2.13	Ovary	2L:+:49278388-49278432	exon=> In CDS Exon 2 of transcript AGAP007722-PA

JHU_Ag_35872	VKPASDSTGINAILLGPPGSGKGTQAPLLK	AGAP007722-PA	-	62	7.59E-07	1	2887.642	5.81	Malpighian tubule	2L:+:49277204-49277278,49277839-49277853	exon=> In CDS Exon 1 and 2 of transcript AGAP007722-PA
JHU_Ag_37774	RSDDNAQALVK	AGAP007722-PA	-	51	0.000158643	2	1216.628	0	Malpighian tubule	2L:+:49278268-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_41595	QTKPLADYYALR	AGAP007722-PA	-	66	2.39E-06	1	1438.769	-0.14	Ovary	2L:+:49278322-49278357	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_41780	YCVCHLSTGDMLR	AGAP007722-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), M11(Oxidation)	66	1.85E-06	1	1627.704	0.57	Male reproductive organs	2L:+:49277860-49277898	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_42663	QTKPLADYYALR	AGAP007722-PA	-	35	0.003245085	1	1438.768	-0.4	Head	2L:+:49278322-49278357	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_46129	SDDNAQALVKR	AGAP007722-PA	-	60	1.87E-05	1	1216.629	0.7	Malpighian tubule	2L:+:49278271-49278303	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_47436	NGFLLDGFPR	AGAP007722-PA	N1(Deamidated)	64	7.55E-06	1	1136.573	-0.44	Male reproductive organs	2L:+:49278025-49278054	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_50372	NGFLLDGFPR	AGAP007722-PA	N1(Deamidated)	44	0.000741042	2	1136.574	0.31	Salivary gland	2L:+:49278025-49278054	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_52540	NGFLLDGFPR	AGAP007722-PA	N1(Deamidated)	73	8.65E-07	2	1136.574	0.42	Visceras	2L:+:49278025-49278054	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_54439	LVSDELVVDMIDSNLDKPECR	AGAP007722-PA	C20(Carbamidomethyl),"M10(Oxidation), C20(Carbamidomethyl)"	60	1.74E-05	1	2447.176	-1.38	Head	2L:+:49277962-49278024	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_56801	VPMRDDETGEPLMR	AGAP007722-PA	M3(Oxidation), M13(Oxidation)	53	5.42E-05	1	1677.755	-1.25	Ovary	2L:+:49278226-49278267	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_58158	SDDNAQALVK	AGAP007722-PA	-	42	0.001215167	2	1060.530	3.15	Male reproductive organs	2L:+:49278271-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_58675	TVVQAEKLDNLLEK	AGAP007722-PA	-	84	2.28E-08	1	1599.899	2.61	Malpighian tubule	2L:+:49278055-49278096	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_59609	VKPASDSTGINAILLGPPGSGK	AGAP007722-PA	-	138	6.86E-14	1	2079.147	1.07	Visceras	2L:+:49277204-49277269	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_64204	VKPASDSTGINAILLGPPGSGK	AGAP007722-PA	-	112	2.75E-11	1	2079.151	3.18	Malpighian tubule	2L:+:49277204-49277269	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_64338	YCVCHLSTGDMLR	AGAP007722-PA	C2(Carbamidomethyl), C4(Carbamidomethyl), M11(Oxidation)	68	1.08E-06	1	1627.703	0.35	Head	2L:+:49277860-49277898	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_65586	VPMRDDETGEPLMR	AGAP007722-PA	M3(Oxidation), M13(Oxidation)	43	0.000456375	1	1677.757	-0.16	Head	2L:+:49278226-49278267	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_65943	APNAAELK	AGAP007722-PA	-	42	0.000413293	2	813.447	-0.03	Visceras	2L:+:49277180-49277203	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_67637	SASDVFANIDSIFTK	AGAP007722-PA	-	114	6.38E-11	2	1614.810	5.31	Larva	2L:+:49278388-49278432	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_70298	NGFLLDGFPR	AGAP007722-PA	N1(Deamidated)	61	1.42E-05	2	1136.572	-1.73	Midgut	2L:+:49278025-49278054	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_73216	LVSDELVVDMIDSNLDKPECR	AGAP007722-PA	M10(Oxidation), C20(Carbamidomethyl)	118	2.32E-11	1	2463.177	1.11	Ovary	2L:+:49277962-49278024	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_77261	TVVQAEKLDNLLEK	AGAP007722-PA	-	74	2.40E-07	1	1599.897	1	Male reproductive organs	2L:+:49278055-49278096	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_78196	APNAAELK	AGAP007722-PA	-	49	8.49E-05	1	813.449	3.44	Male reproductive organs	2L:+:49277180-49277203	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_79660	SDDNAQALVK	AGAP007722-PA	-	45	0.000516023	2	1060.525	-1.92	Salivary gland	2L:+:49278271-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_83383	APNAAELK	AGAP007722-PA	-	54	2.92E-05	1	813.448	1.49	Malpighian tubule	2L:+:49277180-49277203	exon=> In CDS Exon 1 of transcript AGAP007722-PA

JHU_Ag_86725	SYHEEFAPPK	AGAP007722-PA	-	61	9.75E-06	1	1204.563	-0.46	Head	2L:+:49278196-49278225	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_86963	LDNLLEKR	AGAP007722-PA	-	57	2.46E-05	2	1000.578	-0.75	Male reproductive organs	2L:+:49278076-49278099	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_87849	LDNLLEK	AGAP007722-PA	-	37	0.003997179	1	844.478	1.06	Visceras	2L:+:49278076-49278096	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_95613	SDDNAQALVK	AGAP007722-PA	-	64	5.65E-06	2	1060.528	0.85	Ovary	2L:+:49278271-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_97125	LVSDELVVDMIDSNLDKPECR	AGAP007722-PA	M10(Oxidation), C20(Carbamidomethyl)	66	3.97E-06	1	2463.172	-0.97	Male reproductive organs	2L:+:49277962-49278024	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_97265	SASDVFANIDSIFTK	AGAP007722-PA	-	96	3.41E-09	2	1614.812	7.04	Malpighian tubule	2L:+:49278388-49278432	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_99243	VKPASDSTGINAILLGPPGSGK	AGAP007722-PA	-	117	8.76E-12	1	2079.145	0.24	Male reproductive organs	2L:+:49277204-49277269	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_99469	NGFLLDGFPR	AGAP007722-PA	-	71	1.33E-06	2	1135.590	0.64	Ovary	2L:+:49278025-49278054	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_100744	APNAAELK	AGAP007722-PA	-	51	5.06E-05	2	813.447	0.57	Ovary	2L:+:49277180-49277203	exon=> In CDS Exon 1 of transcript AGAP007722-PA
JHU_Ag_101766	LIHQASGR	AGAP007722-PA	-	43	0.000243112	2	881.495	-0.26	Visceras	2L:+:49278172-49278195	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_106409	RSDDNAQALVK	AGAP007722-PA	-	65	5.55E-06	1	1216.621	-5.62	Head	2L:+:49278268-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_113302	ITGRLIHQASGR	AGAP007722-PA	-	56	1.19E-05	1	1308.751	0.94	Malpighian tubule	2L:+:49278160-49278195	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_113553	SASDVFANIDSIFTK	AGAP007722-PA	-	133	6.62E-13	1	1614.808	4.47	Head	2L:+:49278388-49278432	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_114969	RSDDNAQALVK	AGAP007722-PA	-	47	0.000320937	2	1216.628	0.2	Male reproductive organs	2L:+:49278268-49278300	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_116064	NGFLLDGFPR	AGAP007722-PA	-	74	7.29E-07	1	1135.589	-0.76	Head	2L:+:49278025-49278054	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_117461	SASDVFANIDSIFTK	AGAP007722-PA	-	111	1.03E-10	1	1614.805	2.58	Visceras	2L:+:49278388-49278432	exon=> In CDS Exon 2 of transcript AGAP007722-PA
JHU_Ag_70672	VLLNQLEELK	AGAP007723-PA	N4(Deamidated)	42	0.000593585	2	1199.674	-12.28	Head	2L:-:49281848-49281819	exon=> In CDS Exon 16 of transcript AGAP007723-PA
JHU_Ag_87002	SKEQEAYEEHMR	AGAP007724-PA	-	56	1.89E-05	1	1536.675	0.07	Visceras	2L:+:49315353-49315388	exon=> In CDS Exon 5 of transcript AGAP007724-PA
JHU_Ag_90091	DSFDNIWKR	AGAP007724-PA	-	52	9.66E-05	1	1180.575	-0.08	Visceras	2L:+:49315431-49315457	exon=> In CDS Exon 5 of transcript AGAP007724-PA
JHU_Ag_96585	LSPDMSGIAGALAQLHLGEAK	AGAP007724-PA	M5(Oxidation)	45	0.000394155	1	2095.090	2.31	Visceras	2L:+:49311735-49311749,49315305-49315352	exon=> In CDS Exon 4 and 5 of transcript AGAP007724-PA
JHU_Ag_100039	LSPDMSGIAGALAQLHLGEAK	AGAP007724-PA	M5(Oxidation)	109	1.47E-10	1	2095.093	3.57	Head	2L:+:49311735-49311749,49315305-49315352	exon=> In CDS Exon 4 and 5 of transcript AGAP007724-PA
JHU_Ag_111931	QCWETGNIDYMGR	AGAP007724-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M11(Oxidation)"	59	4.41E-06	1	1645.678	2.72	Visceras	2L:+:49315392-49315430	exon=> In CDS Exon 5 of transcript AGAP007724-PA
JHU_Ag_2663	RPELGVTFTK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	61	6.60E-06	2	1147.647	0.3	Visceras	2L:+:49311123-49311152;2L:+:49311123-49311152;2L:+:49311123-49311152	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC

JHU_Ag_4397	ILHFIGVAKPWLQNFNSETR	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	107	1.39E-10	1	2370.267	-2.13	Pupa	2L:+:49311588-49311647;2L:+:49311588-49311647;2L:+:49311588-49311647	exon=> In CDS Exon 4 of transcript AGAP007724-PA;exon=> In CDS Exon 4 of transcript AGAP007724-PB;exon=> In CDS Exon 4 of transcript AGAP007724-PC
JHU_Ag_4952	DEANLALLK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	46	0.000350163	2	986.551	-0.43	Visceras	2L:+:49311096-49311122;2L:+:49311096-49311122;2L:+:49311096-49311122	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_9596	CVFLDADTLVLR	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	C1(Carbamidomethyl)	59	1.60E-05	2	1421.750	2.91	Head	2L:+:49311186-49311221;2L:+:49311186-49311221;2L:+:49311186-49311221	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_29023	VHTEHQTAVLITPGVSESMK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	M19(Oxidation)	53	6.57E-05	2	2180.108	2.76	Larva	2L:+:49310907-49310965,49311038;2L:+:49310907-49310965,49311038;2L:+:49310907-49310965,49311038	exon=> In CDS Exon 2 and 3 of transcript AGAP007724-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007724-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP007724-PC
JHU_Ag_30717	RPELGVTFTK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	39	0.001111962	1	1147.646	-0.76	Ovary	2L:+:49311123-49311152;2L:+:49311123-49311152;2L:+:49311123-49311152	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_32040	RPELGVTFTK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	58	1.28E-05	1	1147.647	-0.02	Pupa	2L:+:49311123-49311152;2L:+:49311123-49311152;2L:+:49311123-49311152	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_34947	AVFNVVEEVNLLDSK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	71	8.64E-07	2	1675.896	3.55	Pupa	2L:+:49311051-49311095;2L:+:49311051-49311095;2L:+:49311051-49311095	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_46192	VHTEHQTAVLITPGVSESMK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	M19(Oxidation)	70	1.53E-06	1	2180.102	0.24	Head	2L:+:49310907-49310965,49311038;2L:+:49310907-49310965,49311038;2L:+:49310907-49310965,49311038	exon=> In CDS Exon 2 and 3 of transcript AGAP007724-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007724-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP007724-PC

JHU_Ag_64407	AVFNVVEEVNLLDSKDEANLALLK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	69	5.36E-07	1	2643.439	5.79	Larva	2L:+:49311051-49311122;2L:+:49311051-49311122;2L:+:49311051-49311122	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_71671	ILHFIGVAKPWLQNFNSETR	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	73	2.00E-07	1	2370.285	5.75	Visceras	2L:+:49311588-49311647;2L:+:49311588-49311647;2L:+:49311588-49311647	exon=> In CDS Exon 4 of transcript AGAP007724-PA;exon=> In CDS Exon 4 of transcript AGAP007724-PB;exon=> In CDS Exon 4 of transcript AGAP007724-PC
JHU_Ag_73715	NCDELFER	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	C2(Carbamidomethyl)	36	0.000996443	2	1082.456	-1.34	Visceras	2L:+:49311222-49311245;2L:+:49311222-49311245;2L:+:49311222-49311245	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_74944	AVFNVVEEVNLLDSK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	115	3.57E-11	2	1675.899	5.23	Head	2L:+:49311051-49311095;2L:+:49311051-49311095;2L:+:49311051-49311095	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_78118	ILHFIGVAKPWLQNFNSETR	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	71	4.05E-07	1	2370.280	3.43	Larva	2L:+:49311588-49311647;2L:+:49311588-49311647;2L:+:49311588-49311647	exon=> In CDS Exon 4 of transcript AGAP007724-PA;exon=> In CDS Exon 4 of transcript AGAP007724-PB;exon=> In CDS Exon 4 of transcript AGAP007724-PC
JHU_Ag_78533	AVFNVVEEVNLLDSKDEANLALLK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	99	5.79E-10	1	2643.428	1.43	Ovary	2L:+:49311051-49311122;2L:+:49311051-49311122;2L:+:49311051-49311122	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_86317	RPELGVTFTK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	58	1.05E-05	1	1147.651	3.24	Head	2L:+:49311123-49311152;2L:+:49311123-49311152;2L:+:49311123-49311152	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_91935	DEANLALLK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	44	0.000563988	2	986.550	-1.54	Head	2L:+:49311096-49311122;2L:+:49311096-49311122;2L:+:49311096-49311122	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_107102	CVFLDADTLVLR	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	C1(Carbamidomethyl)	70	1.44E-06	2	1421.746	0.34	Visceras	2L:+:49311186-49311221;2L:+:49311186-49311221;2L:+:49311186-49311221	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_113334	RPELGVTFTK	AGAP007724-PA,AGAP007724-PB,AGAP007724-PC	-	51	5.73E-05	1	1147.647	0.19	Malpighian tubule	2L:+:49311123-49311152;2L:+:49311123-49311152;2L:+:49311123-49311152	exon=> In CDS Exon 3 of transcript AGAP007724-PA;exon=> In CDS Exon 3 of transcript AGAP007724-PB;exon=> In CDS Exon 3 of transcript AGAP007724-PC
JHU_Ag_844	VYEVQEREPFSFNTVDPTGYQLNNK	AGAP007724-PB	-	62	1.17E-05	3	2974.424	0.84	Visceras	2L:+:49314254-49314328	exon=> In CDS Exon 5 of transcript AGAP007724-PB
JHU_Ag_88999	DSTETITVEEIK	AGAP007724-PB	-	48	0.000255555	2	1364.685	3.98	Head	2L:+:49314374-49314409	exon=> In CDS Exon 5 of transcript AGAP007724-PB

JHU_Ag_3282	LSPDMSGLAGALANVTLGEPR	AGAP007724-PC	M5(Oxidation)	95	4.54E-09	1	2085.068	1.47	Visceras	2L:+:49311735-49311749,49312906-49312953	exon=> In CDS Exon 4 and 5 of transcript AGAP007724-PC
JHU_Ag_20223	QYWEAGNAEYVGR	AGAP007724-PC	-	101	9.01E-10	1	1542.698	0.69	Visceras	2L:+:49312993-49313031	exon=> In CDS Exon 5 of transcript AGAP007724-PC
JHU_Ag_73253	LSPDMSGLAGALANVTLGEPR	AGAP007724-PC	M5(Oxidation)	48	0.000204343	2	2085.088	11.42	Larva	2L:+:49311735-49311749,49312906-49312953	exon=> In CDS Exon 4 and 5 of transcript AGAP007724-PC
JHU_Ag_6554	ALVDDYVSVSSVASK	AGAP007725-PA	-	103	7.68E-10	2	1539.795	3.06	Ovary	2L:-:49323953-49323909	exon=> In CDS Exon 5 of transcript AGAP007725-PA
JHU_Ag_9939	FHEIFPELIALLPTISK	AGAP007725-PA	-	59	2.31E-06	1	1968.127	3.3	Ovary	2L:-:49322965-49322915	exon=> In CDS Exon 6 of transcript AGAP007725-PA
JHU_Ag_29563	DDTGFVNLNALTGK	AGAP007725-PA	-	32	0.008488909	2	1464.740	4.91	Head	2L:-:49323710-49323669	exon=> In CDS Exon 5 of transcript AGAP007725-PA
JHU_Ag_30570	TKENFPALGSGGGETTGPTSLNEGFSSK	AGAP007725-PA	-	85	4.31E-08	1	2770.320	1.24	Ovary	2L:-:49324334-49324251	exon=> In CDS Exon 5 of transcript AGAP007725-PA
JHU_Ag_107143	TLTPYQQLDVK	AGAP007725-PA	-	36	0.00276173	2	1305.704	-0.69	Ovary	2L:-:49325624-49325592	exon=> In CDS Exon 2 of transcript AGAP007725-PA
JHU_Ag_113758	TLELEFTYAPR	AGAP007725-PA	-	55	3.44E-05	2	1339.693	2.43	Ovary	2L:-:49324700-49324872,49323186-49324569	exon=> In CDS Exon 5 and 4 of transcript AGAP007725-PA
JHU_Ag_22152	PELIGVGEFLEETREDYNSPTTSTFVSR	AGAP007726-PB,AGAP007726-PA	-	36	0.003690666	3	3173.526	-0.55	Head	2L:+:49328642-49328725;2L:+:49328642-49328725	exon=> In CDS Exon 1 of transcript AGAP007726-PB;exon=> In CDS Exon 1 of transcript AGAP007726-PA
JHU_Ag_94837	RTAPAPPPTTYGTLPHAPR	AGAP007726-PB,AGAP007726-PA	-	67	2.33E-06	1	2001.070	1.87	Head	2L:+:49332749-49332805;2L:+:49332749-49332805	exon=> In CDS Exon 11 of transcript AGAP007726-PB;exon=> In CDS Exon 11 of transcript AGAP007726-PA
JHU_Ag_100597	PELIGVGEFLEETREDYNSPTTSTFVSR	AGAP007726-PB,AGAP007726-PA	-	77	2.54E-07	1	3173.553	7.99	Malpighian tubule	2L:+:49328642-49328725;2L:+:49328642-49328725	exon=> In CDS Exon 1 of transcript AGAP007726-PB;exon=> In CDS Exon 1 of transcript AGAP007726-PA
JHU_Ag_45049	ANFSALSPINGAIIK	AGAP007727-PA	-	40	0.000531366	2	1515.862	5.91	Malpighian tubule	2L:+:49336869-49336913	exon=> In CDS Exon 1 of transcript AGAP007727-PA
JHU_Ag_67741	TVEGILILIEK	AGAP007727-PA	-	38	0.000245679	2	1227.756	-0.12	Salivary gland	2L:+:49337527-49337559	exon=> In CDS Exon 2 of transcript AGAP007727-PA
JHU_Ag_78107	ANFSALSPINGAIIK	AGAP007727-PA	-	56	1.67E-05	1	1515.855	1.16	Ovary	2L:+:49336869-49336913	exon=> In CDS Exon 1 of transcript AGAP007727-PA
JHU_Ag_108544	EAFEYFINQR	AGAP007727-PA	-	51	9.13E-05	2	1316.627	-0.39	Ovary	2L:+:49338127-49338156	exon=> In CDS Exon 2 of transcript AGAP007727-PA
JHU_Ag_117135	LNEEEERLEHYLDGCTR	AGAP007727-PA	C15(Carbamidomethyl)	68	2.10E-06	1	2162.986	3.84	Ovary	2L:+:49337752-49337802	exon=> In CDS Exon 2 of transcript AGAP007727-PA
JHU_Ag_7169	SVVDNGDQFETSDVDKHVAR	AGAP007728-PA	-	65	4.59E-06	1	2218.044	3	Malpighian tubule	2L:-:49342655-49342596	exon=> In CDS Exon 2 of transcript AGAP007728-PA
JHU_Ag_25001	NEVGLFGKPELTSHEGFYVLK	AGAP007728-PA	-	40	0.00081749	1	2364.233	4.19	Head	2L:-:49343027-49343147,49342426-49342902	exon=> In CDS Exon 2 and 1 of transcript AGAP007728-PA
JHU_Ag_42505	NEVGLFGKPELTSHEGFYVLK	AGAP007728-PA	-	121	6.26E-12	1	2364.235	4.97	Malpighian tubule	2L:-:49343027-49343147,49342426-49342902	exon=> In CDS Exon 2 and 1 of transcript AGAP007728-PA
JHU_Ag_47195	LLVSNFLGR	AGAP007728-PA	-	54	1.44E-05	2	1018.607	2.67	Head	2L:-:49341049-49341023	exon=> In CDS Exon 3 of transcript AGAP007728-PA
JHU_Ag_50642	YYGLPYVENTAWQLR	AGAP007728-PA	-	50	0.000138768	2	1872.938	5.58	Visceras	2L:-:49341262-49341218	exon=> In CDS Exon 3 of transcript AGAP007728-PA
JHU_Ag_51698	LFNALK	AGAP007728-PA	N3(Deamidated)	31	0.002819692	1	706.413	-0.41	Midgut	2L:-:49342673-49342656	exon=> In CDS Exon 2 of transcript AGAP007728-PA
JHU_Ag_59976	LFNALK	AGAP007728-PA	N3(Deamidated)	41	0.000297305	1	706.411	-2.83	Head	2L:-:49342673-49342656	exon=> In CDS Exon 2 of transcript AGAP007728-PA

JHU_Ag_61857	LLVSNFLGR	AGAP007728-PA	-	59	3.78E-06	2	1018.609	4.17	Malpighian tubule	2L:-:49341049-49341023	exon=> In CDS Exon 3 of transcript AGAP007728-PA
JHU_Ag_69416	LLVSNFLGR	AGAP007728-PA	-	47	7.62E-05	2	1018.605	0.34	Salivary gland	2L:-:49341049-49341023	exon=> In CDS Exon 3 of transcript AGAP007728-PA
JHU_Ag_79062	LFNALK	AGAP007728-PA	N3(Deamidated)	41	0.000491293	1	706.414	1.4	Malpighian tubule	2L:-:49342673-49342656	exon=> In CDS Exon 2 of transcript AGAP007728-PA
JHU_Ag_82056	LAVEHETEGLLGHIYCDFFER	AGAP007728-PA	C16(Carbamidomethyl)	105	4.33E-10	1	2535.212	5.62	Malpighian tubule	2L:-:49341826-49341764	exon=> In CDS Exon 3 of transcript AGAP007728-PA
JHU_Ag_83546	VADLSEFIR	AGAP007728-PA	-	38	0.001854255	2	1049.566	3.17	Malpighian tubule	2L:-:49342793-49342767	exon=> In CDS Exon 2 of transcript AGAP007728-PA
JHU_Ag_92046	LFNALK	AGAP007728-PA	N3(Deamidated)	36	0.00092726	2	706.413	-0.08	Pupa	2L:-:49342673-49342656	exon=> In CDS Exon 2 of transcript AGAP007728-PA
JHU_Ag_30777	LLCPVVDLEGTSSNVGLR	AGAP007732-PA	C3(Carbamidomethyl)	134	3.80E-13	1	1929.017	2.95	Malpighian tubule	3R:+:24296-24349	exon=> In CDS Exon 1 of transcript AGAP007732-PA
JHU_Ag_48678	MFNFSSAGTSGEKEPLLSGK	AGAP007732-PA	N-Term(Acetyl)	106	3.84E-10	1	2129.028	2.96	Malpighian tubule	3R:+:24236-24295	exon=> In CDS Exon 1 of transcript AGAP007732-PA
JHU_Ag_69836	MFNFSSAGTSGEKEPLLSGK	AGAP007732-PA	N-Term(Acetyl), M1(Oxidation)	68	2.53E-06	2	2145.019	1.1	Malpighian tubule	3R:+:24236-24295	exon=> In CDS Exon 1 of transcript AGAP007732-PA
JHU_Ag_111699	EVPLPQEEYEAPYR	AGAP007732-PA	-	58	2.95E-05	1	1719.823	0.39	Malpighian tubule	3R:+:24350-24391	exon=> In CDS Exon 1 of transcript AGAP007732-PA
JHU_Ag_43252	FFIIPQR	AGAP007732-PB	-	53	2.17E-05	2	920.538	2.49	Larva	3R:+:31754-31754,36728-36747	exon=> In CDS Exon 1 and 2 of transcript AGAP007732-PB
JHU_Ag_58048	SVEAGESIDVPANAKK	AGAP007732-PB,AGAP007732-PA	-	84	4.74E-08	1	1614.839	3.32	Malpighian tubule	3R:+:38865-38912;3R:+:38865-38912	exon=> In CDS Exon 5 of transcript AGAP007732-PB;exon=> In CDS Exon 5 of transcript AGAP007732-PA
JHU_Ag_88829	AYLKQELGTLER	AGAP007732-PB,AGAP007732-PA	-	62	4.55E-06	1	1420.782	1.6	Malpighian tubule	3R:+:37485-37520;3R:+:37485-37520	exon=> In CDS Exon 3 of transcript AGAP007732-PB;exon=> In CDS Exon 3 of transcript AGAP007732-PA
JHU_Ag_40462	AELVEQLAESR	AGAP007733-PA	-	84	6.61E-08	2	1244.650	1.23	Male reproductive organs	3R:+:40460-40492	exon=> In CDS Exon 2 of transcript AGAP007733-PA
JHU_Ag_49751	SVHSYPIPWNSILR	AGAP007733-PA	-	54	5.30E-05	1	1668.887	0.71	Male reproductive organs	3R:+:40496-40537	exon=> In CDS Exon 2 of transcript AGAP007733-PA
JHU_Ag_8433	ERPIEEIIVSVR	AGAP007737-PA	-	33	0.002046671	1	1439.820	-1.04	Male reproductive organs	3R:+:152600-152635	exon=> In CDS Exon 3 of transcript AGAP007737-PA
JHU_Ag_16714	ALNINDQAER	AGAP007737-PA	-	43	0.000621335	2	1143.574	-1.25	Salivary gland	3R:+:152873-152902	exon=> In CDS Exon 3 of transcript AGAP007737-PA
JHU_Ag_29266	YVNEALLTHR	AGAP007737-PA	-	38	0.002951183	1	1215.648	-0.08	Male reproductive organs	3R:+:152954-152983	exon=> In CDS Exon 3 of transcript AGAP007737-PA
JHU_Ag_42780	DRDQLLNLDR	AGAP007737-PA	-	61	1.10E-05	2	1257.658	2.86	Head	3R:+:153032-153061	exon=> In CDS Exon 3 of transcript AGAP007737-PA
JHU_Ag_62544	AVAFAVFGK	AGAP007737-PA	-	51	3.90E-05	1	909.519	-0.72	Male reproductive organs	3R:+:153236-153262	exon=> In CDS Exon 3 of transcript AGAP007737-PA
JHU_Ag_43194	RPLLKTILQNEHSYPFTK	AGAP007738-PA	Q9(Deamidated), N10(Deamidated)	35	0.002244689	1	2187.167	-6.54	Malpighian tubule	3R:+:167450-167503	exon=> In CDS Exon 2 of transcript AGAP007738-PA
JHU_Ag_10107	TDGLLASTLGQHK	AGAP007739-PA	-	71	7.81E-07	1	1340.718	0.68	Midgut	3R:-:171427-171389	exon=> In CDS Exon 2 of transcript AGAP007739-PA
JHU_Ag_18488	TDGLLASTLGQHK	AGAP007739-PA	-	83	5.05E-08	1	1340.718	1.13	Ovary	3R:-:171427-171389	exon=> In CDS Exon 2 of transcript AGAP007739-PA
JHU_Ag_19069	HTEPVYSVAFSPDGK	AGAP007739-PA	-	32	0.009194343	1	1633.790	2.9	Ovary	3R:-:170317-170273	exon=> In CDS Exon 4 of transcript AGAP007739-PA
JHU_Ag_28108	LGESLSLIDAVMPEVVANR	AGAP007739-PA	M12(Oxidation)	34	0.003888407	2	2029.071	3.6	Ovary	3R:-:171931-171875	exon=> In CDS Exon 2 of transcript AGAP007739-PA
JHU_Ag_34385	GPIFALK	AGAP007739-PA	-	46	0.000287737	2	745.461	-0.15	Ovary	3R:-:171388-171368	exon=> In CDS Exon 2 of transcript AGAP007739-PA

JHU_Ag_35835	VGASASDGSVFVLDLR	AGAP007739-PA	-	75	4.19E-07	2	1592.833	3.36	Ovary	3R:-:170146-170099	exon=> In CDS Exon 4 of transcript AGAP007739-PA
JHU_Ag_39503	RGNYILSAGVDK	AGAP007739-PA	-	41	0.001050936	1	1292.693	-2.21	Head	3R:-:171358-171323	exon=> In CDS Exon 2 of transcript AGAP007739-PA
JHU_Ag_44406	GLQYTEAEISIGEDGTEQR	AGAP007739-PA	-	80	1.49E-07	2	2095.986	3.8	Ovary	3R:-:171988-171932	exon=> In CDS Exon 2 of transcript AGAP007739-PA
JHU_Ag_62745	SFSSDEVNFLVYR	AGAP007739-PA	N-Term(Acetyl)	47	0.000281408	2	1604.764	2.84	Ovary	3R:-:172228-172190	exon=> In CDS Exon 1 of transcript AGAP007739-PA
JHU_Ag_76633	GHESEVFICAWNPSTDLLASGSGDSTAR	AGAP007739-PA	C9(Carbamidomethyl)	54	5.12E-05	1	2964.348	1.65	Ovary	3R:-:171685-171602	exon=> In CDS Exon 2 of transcript AGAP007739-PA
JHU_Ag_356	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	151	6.85E-15	2	2652.364	1.84	Pupa	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_11523	AANVDIEPYWPGLFAK	AGAP007740-PA	-	90	1.48E-08	1	1790.922	5.74	Head	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_14208	IATILK	AGAP007740-PA	-	33	0.000351064	1	658.449	-1.66	Head	3R:+:173474-173491	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_15154	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	252	6.34E-25	1	2652.368	3.5	Head	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_16752	AANVDIEPYWPGLFAK	AGAP007740-PA	-	95	5.63E-09	1	1790.919	4.03	Visceras	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_20421	AANVDIEPYWPGLFAK	AGAP007740-PA	-	73	8.67E-07	1	1790.913	1.17	Male reproductive organs	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_28606	AANVDIEPYWPGLFAK	AGAP007740-PA	-	100	1.71E-09	1	1790.914	1.65	Ovary	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_29263	AANVDIEPYWPGLFAK	AGAP007740-PA	-	103	9.03E-10	1	1790.915	1.85	Salivary gland	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_36603	ALEGIDVK	AGAP007740-PA	-	38	0.003160484	1	844.479	2.13	Visceras	3R:+:173540-173563	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_37067	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	270	9.75E-27	1	2652.361	0.83	Salivary gland	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_46627	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEKK	AGAP007740-PA	-	181	6.73E-18	1	2780.458	1.6	Male reproductive organs	3R:+:173564-173665	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_47052	AELACVYSALILVDDDVAVTDEK	AGAP007740-PA	C5(Carbamidomethyl)	116	3.12E-11	1	2509.236	-0.58	Salivary gland	3R:+:173080-173139,173465-173473	exon=> In CDS Exon 1 and 2 of transcript AGAP007740-PA
JHU_Ag_48941	AANVDIEPYWPGLFAK	AGAP007740-PA	N3(Deamidated)	100	1.78E-09	2	1790.910	-0.94	Midgut	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_51605	IATILK	AGAP007740-PA	-	27	0.001309477	1	658.450	0.1	Male reproductive organs	3R:+:173474-173491	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_53656	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	267	2.23E-26	1	2652.359	0.09	Malpighian tubule	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_53802	KEEEPEESDDDMGFGLFG	AGAP007740-PA	M12(Oxidation)	132	1.42E-13	1	2046.814	0.95	Ovary	3R:+:173675-173717,173795-173805	exon=> In CDS Exon 2 and 3 of transcript AGAP007740-PA
JHU_Ag_64176	AELACVYSALILVDDDVAVTDEK	AGAP007740-PA	C5(Carbamidomethyl)	87	3.06E-08	2	2509.224	-5.49	Midgut	3R:+:173080-173139,173465-173473	exon=> In CDS Exon 1 and 2 of transcript AGAP007740-PA
JHU_Ag_64530	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	256	2.56E-25	1	2652.362	1.2	Ovary	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_68838	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	134	4.04E-13	2	2652.366	2.49	Midgut	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_71434	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEKK	AGAP007740-PA	-	196	2.35E-19	1	2780.452	-0.77	Salivary gland	3R:+:173564-173665	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_74156	AANVDIEPYWPGLFAK	AGAP007740-PA	-	87	2.98E-08	2	1790.926	8.4	Larva	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA

JHU_Ag_74789	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	107	1.60E-10	2	2652.374	5.62	Larva	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_83709	ALEGIDVKSLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	80	5.33E-08	3	3477.835	4.7	Malpighian tubule	3R:+:173540-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_90701	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	142	5.57E-14	2	2652.365	2.39	Visceras	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_91189	AANVDIEPYWPGLFAK	AGAP007740-PA	-	97	3.20E-09	1	1790.915	2.06	Malpighian tubule	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_93439	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEKK	AGAP007740-PA	-	168	1.29E-16	1	2780.460	2.19	Visceras	3R:+:173564-173665	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_96820	AELACVYSALILVDDDVAVTDEK	AGAP007740-PA	C5(Carbamidomethyl)	167	2.69E-16	1	2509.243	2.2	Ovary	3R:+:173080-173139,173465-173473	exon=> In CDS Exon 1 and 2 of transcript AGAP007740-PA
JHU_Ag_98290	AELACVYSALILVDDDVAVTDEK	AGAP007740-PA	C5(Carbamidomethyl)	99	1.91E-09	2	2509.242	1.62	Malpighian tubule	3R:+:173080-173139,173465-173473	exon=> In CDS Exon 1 and 2 of transcript AGAP007740-PA
JHU_Ag_102823	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEKK	AGAP007740-PA	-	216	2.35E-21	1	2780.457	0.94	Pupa	3R:+:173564-173665	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_110661	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEKK	AGAP007740-PA	-	216	2.41E-21	1	2780.459	1.93	Malpighian tubule	3R:+:173564-173665	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_111584	AANVDIEPYWPGLFAK	AGAP007740-PA	-	84	7.13E-08	1	1790.916	2.67	Pupa	3R:+:173492-173539	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_113266	IATILK	AGAP007740-PA	-	31	0.000605478	1	658.450	0.29	Midgut	3R:+:173474-173491	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_114617	IATILK	AGAP007740-PA	-	25	0.001981974	1	658.450	0.29	Pupa	3R:+:173474-173491	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_115760	SLITSIGSGVGSGGGAPAAAAGGAGAAPAAAEK	AGAP007740-PA	-	113	5.79E-11	2	2652.358	-0.37	Male reproductive organs	3R:+:173564-173662	exon=> In CDS Exon 2 of transcript AGAP007740-PA
JHU_Ag_5647	LLSTESSTTEEAK	AGAP007742-PA	-	71	1.45E-06	1	1395.684	-0.45	Salivary gland	3R:+:179123-179161	exon=> In CDS Exon 5 of transcript AGAP007742-PA
JHU_Ag_10989	ADWDEIKR	AGAP007742-PA	N-Term(Acetyl)	37	0.002346185	1	1074.526	4.23	Malpighian tubule	3R:+:176425-176448	exon=> In CDS Exon 1 of transcript AGAP007742-PA
JHU_Ag_26100	QDPTNAHIFFTQSYIAR	AGAP007742-PA	-	41	0.001305083	1	2008.983	-2.38	Salivary gland	3R:+:177004-177054	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_40287	LGVSDVR	AGAP007742-PA	-	46	0.000688406	2	745.421	1.17	Salivary gland	3R:+:177307-177327	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_41023	VNLIELAR	AGAP007742-PA	-	59	7.97E-06	2	927.562	0.2	Salivary gland	3R:+:176725-176748	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_41853	AHELYEQSLQK	AGAP007742-PA	-	57	2.67E-05	1	1345.680	3.75	Malpighian tubule	3R:+:178113-178145	exon=> In CDS Exon 3 of transcript AGAP007742-PA
JHU_Ag_56035	GALAAITKPTPISVILNLTDVPAR	AGAP007742-PA	-	51	5.25E-06	1	2431.442	5.56	Salivary gland	3R:+:177073-177144	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_56102	VLNVDFGKIEYTAK	AGAP007742-PA	-	39	0.00116274	1	1596.864	0.15	Salivary gland	3R:+:176749-176790	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_58592	LAADFQK	AGAP007742-PA	-	38	0.002097058	1	792.426	1.65	Salivary gland	3R:+:176449-176469	exon=> In CDS Exon 1 of transcript AGAP007742-PA
JHU_Ag_61673	LVEKDPNLHLLLGQLIETSYLQR	AGAP007742-PA	-	88	3.71E-09	1	2692.508	1.81	Salivary gland	3R:+:176794-176862	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_72905	AQLSTGLQR	AGAP007742-PA	-	55	6.83E-05	1	973.544	1.03	Salivary gland	3R:+:176470-176495,176574-176574	exon=> In CDS Exon 1 and 2 of transcript AGAP007742-PA
JHU_Ag_74192	LVQYGEIHIGQLTTTYDLPTDFILNK	AGAP007742-PA	-	55	2.09E-05	1	2992.577	3.52	Salivary gland	3R:+:176887-176964	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_75782	ADWDEIKR	AGAP007742-PA	N-Term(Acetyl)	45	0.000385807	2	1074.521	-0.66	Salivary gland	3R:+:176425-176448	exon=> In CDS Exon 1 of transcript AGAP007742-PA

JHU_Ag_78047	SFVQAQLPDEK	AGAP007742-PA	-	51	0.000136143	1	1261.641	-0.75	Ovary	3R:+:177328-177360	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_79831	GCLELVNEHAK	AGAP007742-PA	C2(Carbamidomethyl)	65	3.99E-06	2	1269.625	-0.77	Salivary gland	3R:+:177601-177633	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_81091	AHELYEQSLQK	AGAP007742-PA	-	59	1.45E-05	1	1345.675	0.21	Salivary gland	3R:+:178113-178145	exon=> In CDS Exon 3 of transcript AGAP007742-PA
JHU_Ag_84432	DVANHYFPILSK	AGAP007742-PA	-	83	9.26E-08	1	1403.732	0.2	Salivary gland	3R:+:178000-178022,178085-178097	exon=> In CDS Exon 2 and 3 of transcript AGAP007742-PA
JHU_Ag_85730	VLNVDFGKIEYTAK	AGAP007742-PA	-	32	0.004801392	1	1596.869	3.71	Malpighian tubule	3R:+:176749-176790	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_94736	VNLIELAR	AGAP007742-PA	-	50	6.19E-05	2	927.562	0.13	Male reproductive organs	3R:+:176725-176748	exon=> In CDS Exon 2 of transcript AGAP007742-PA
JHU_Ag_111927	SAVNTFLR	AGAP007743-PA	-	51	7.93E-05	2	907.500	0.19	Midgut	3R:+:190020-190043	exon=> In CDS Exon 2 of transcript AGAP007743-PA
JHU_Ag_12078	DVVVQAVAGAK	AGAP007745-PA	-	88	1.38E-08	2	1056.604	-0.64	Midgut	3R:+:215212-215244	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_27473	GQNVFVNPQTIVDR	AGAP007745-PA	N7(Deamidated),Q2(Deamidated),N3(Deamidated),Q9(Deamidated)	104	5.93E-10	1	1586.820	-5.27	Midgut	3R:+:215560-215601	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_30293	VIDALR	AGAP007745-PA	-	39	0.001049227	1	686.419	-0.67	Midgut	3R:+:215164-215181	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_32834	GQNVFVNPQTIVDRLVEK	AGAP007745-PA	-	57	1.25E-05	1	2056.117	-0.67	Midgut	3R:+:215560-215613	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_36075	QVNGQSINIDTSCLGFLR	AGAP007745-PA	C13(Carbamidomethyl)	117	3.40E-11	1	2022.006	-0.79	Visceras	3R:+:215347-215400	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_36977	QVNGQSINIDTSCLGFLR	AGAP007745-PA	Q1(Deamidated),C13(Carbamidomethyl),"N3(Deamidated),C13(Carbamidomethyl)","Q5(Deamidated),C13(Carbamidomethyl)",C13(Carbamidomethyl)	141	1.35E-13	1	2022.009	0.96	Midgut	3R:+:215347-215400	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_43237	VIDALRDLHPAYK	AGAP007745-PA	-	35	0.001947641	1	1510.841	2.01	Malpighian tubule	3R:+:215164-215202	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_48886	KESFMQTAIK	AGAP007745-PA	M5(Oxidation)	51	7.86E-05	2	1198.613	-0.41	Midgut	3R:+:215296-215325	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_58945	TEANVLR	AGAP007745-PA	-	55	7.90E-05	2	802.441	-0.41	Midgut	3R:+:215326-215346	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_61320	GQNVFVNPQTIVDR	AGAP007745-PA	-	38	0.001857039	2	1586.830	0.65	Salivary gland	3R:+:215560-215601	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_63689	QLRDVVVQAVAGAK	AGAP007745-PA	-	104	1.62E-10	1	1453.848	-0.55	Midgut	3R:+:215203-215244	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_82724	FNIDIASRK	AGAP007745-PA	-	54	5.40E-05	1	1063.589	-0.57	Midgut	3R:+:215272-215298	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_83079	GQNVFVNPQTIVDRLVEK	AGAP007745-PA	-	36	0.001380865	1	2056.127	4.23	Malpighian tubule	3R:+:215560-215613	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_94422	ESFMQTAIK	AGAP007745-PA	M4(Oxidation)	53	4.88E-05	2	1054.523	-0.77	Midgut	3R:+:215299-215325	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_94603	DLHPAYK	AGAP007745-PA	-	47	0.000151179	1	843.435	-0.77	Midgut	3R:+:215182-215202	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_105459	LSSLQQAPTELTEELTLLVEAFEGR	AGAP007745-PA	-	135	2.74E-13	2	2774.447	0.31	Midgut	3R:+:215614-215688	exon=> In CDS Exon 2 of transcript AGAP007745-PA

JHU_Ag_106120	GQNVFVNPQTIVDR	AGAP007745-PA	-	68	2.18E-06	2	1586.835	4.04	Visceras	3R:+:215560-215601	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_106206	QVNGQSINIDTSCLGFLR	AGAP007745-PA	C13(Carbamidomethyl)	56	4.26E-05	2	2022.014	3.31	Malpighian tubule	3R:+:215347-215400	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_110753	FNIDIASR	AGAP007745-PA	-	68	2.37E-06	2	935.494	-0.13	Midgut	3R:+:215272-215295	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_117197	GQNVFVNPQTIVDRLVEK	AGAP007745-PA	-	34	0.002436075	1	2056.115	-1.83	Visceras	3R:+:215560-215613	exon=> In CDS Exon 2 of transcript AGAP007745-PA
JHU_Ag_2959	SSVDMNVNLVGVSYTNCIVR	AGAP007746-PA	M5(Oxidation), C17(Carbamidomethyl)	123	9.26E-12	1	2243.088	3.84	Male reproductive organs	3R:-:211693-211634	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_10014	TCLGFVR	AGAP007746-PA	C2(Carbamidomethyl)	41	0.000855394	2	852.441	1.73	Male reproductive organs	3R:-:211714-211694	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_11874	TIQQDESQYTGSGLFGVFR	AGAP007746-PA	-	34	0.005966112	1	2133.032	3.38	Pupa	3R:-:211591-211535	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_16738	EIQDYAINQLTEAR	AGAP007746-PA	Q3(Deamidated)	90	1.60E-08	1	1663.829	0.15	Male reproductive organs	3R:-:211891-211850	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_31523	GENIFHAPAELMKK	AGAP007746-PA	M12(Oxidation)	69	1.67E-06	2	1600.820	2.95	Male reproductive organs	3R:-:211534-211493	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_59470	VDDSLAGIVSEFYK	AGAP007746-PA	-	55	4.76E-05	2	1542.773	2.96	Larva	3R:-:211633-211592	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_63105	TGYDECLEDGMQLLR	AGAP007746-PA	C6(Carbamidomethyl), M11(Oxidation)	80	8.75E-08	1	1815.796	3.77	Male reproductive organs	3R:-:211390-211346	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_64504	TIQQDESQYTGSGLFGVFR	AGAP007746-PA	-	156	3.51E-15	1	2133.025	-0.04	Male reproductive organs	3R:-:211591-211535	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_96567	VDDSLAGIVSEFYK	AGAP007746-PA	-	98	1.99E-09	2	1542.767	-1.32	Male reproductive organs	3R:-:211633-211592	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_98035	YREIQDYAINQLTEAR	AGAP007746-PA	-	118	2.41E-11	1	1982.992	-0.49	Male reproductive organs	3R:-:211897-211850	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_101412	LSEKLEELR	AGAP007746-PA	-	64	4.73E-06	1	1116.626	-0.06	Male reproductive organs	3R:-:211492-211466	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_112738	GENIFHAPAELMK	AGAP007746-PA	M12(Oxidation)	72	8.48E-07	1	1472.720	-0.39	Male reproductive organs	3R:-:211534-211496	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_115389	SVLEIAR	AGAP007746-PA	-	47	0.000515365	1	787.467	0.08	Male reproductive organs	3R:-:211345-211325	exon=> In CDS Exon 1 of transcript AGAP007746-PA
JHU_Ag_4929	EQYDQANMLNAFR	AGAP007747-PA	M8(Oxidation)	89	1.18E-08	2	1615.717	0.06	Male reproductive organs	3R:+:217907-217945	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_7535	LPTLTAESLQEIR	AGAP007747-PA	-	115	2.45E-11	1	1470.816	0.02	Midgut	3R:+:218018-218056	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_12668	ATFKLPTLTAESLQEIR	AGAP007747-PA	-	60	3.36E-06	1	1918.070	2.99	Malpighian tubule	3R:+:218006-218056	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_15065	VDDALFEK	AGAP007747-PA	-	37	0.003193521	1	936.466	-1.82	Midgut	3R:+:217850-217873	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_20208	SELGEVKEQFAECMK	AGAP007747-PA	C13(Carbamidomethyl), M14(Oxidation)	60	9.29E-06	2	1800.812	-1.14	Midgut	3R:+:218057-218101	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_23233	EQYDQANMLNAFR	AGAP007747-PA	M8(Oxidation)	99	1.04E-09	1	1615.716	-0.62	Midgut	3R:+:217907-217945	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_37073	TALMLNLAGVSYASCLSR	AGAP007747-PA	M4(Oxidation), C15(Carbamidomethyl)	118	2.53E-11	1	1942.978	3.02	Midgut	3R:+:217796-217849	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_49368	LYDATNGVVSR	AGAP007747-PA	-	76	3.42E-07	2	1194.611	-0.61	Midgut	3R:+:217874-217906	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_56360	GENIFVDMDR	AGAP007747-PA	-	66	2.11E-06	2	1195.541	-0.38	Midgut	3R:+:217946-217975	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_64113	ATLDTSLESTSK	AGAP007747-PA	-	51	0.000121694	1	1252.627	0.49	Male reproductive organs	3R:+:218111-218146	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_77145	MLGADEDFVSLVQSQLLLAEEEYVR	AGAP007747-PA	M1(Oxidation)	69	1.70E-06	3	2870.414	0.31	Midgut	3R:+:217625-217699	exon=> In CDS Exon 2 of transcript AGAP007747-PA

JHU_Ag_82885	GENIFVDMDR	AGAP007747-PA	M8(Oxidation)	57	1.68E-05	2	1211.537	0.8	Male reproductive organs	3R:+:217946-217975	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_91345	VDDALFEK	AGAP007747-PA	-	54	6.67E-05	1	936.466	-1.25	Male reproductive organs	3R:+:217850-217873	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_110080	LPTLTAESLQEIR	AGAP007747-PA	-	100	9.03E-10	1	1470.816	-0.39	Male reproductive organs	3R:+:218018-218056	exon=> In CDS Exon 2 of transcript AGAP007747-PA
JHU_Ag_15323	DLLQVLFGAQR	AGAP007749-PA	-	69	9.92E-07	2	1259.712	1.19	Midgut	3R:+:226294-226326	exon=> In CDS Exon 2 of transcript AGAP007749-PA
JHU_Ag_20823	LIDYISNPNANEPGSSR	AGAP007749-PA	-	38	0.002907453	1	1846.908	8.16	Malpighian tubule	3R:+:227056-227106	exon=> In CDS Exon 2 of transcript AGAP007749-PA
JHU_Ag_45354	FLIPNASEVTDLISR	AGAP007749-PA	-	30	0.007452495	2	1674.914	4.36	Head	3R:+:227590-227634	exon=> In CDS Exon 2 of transcript AGAP007749-PA
JHU_Ag_69057	TNSQQQSDPTEEIVSIQSFLKGPDVIR	AGAP007749-PA	-	44	0.000433515	1	3016.549	8.8	Malpighian tubule	3R:+:227266-227346	exon=> In CDS Exon 2 of transcript AGAP007749-PA
JHU_Ag_93767	DLLQVLFGAQR	AGAP007749-PA	-	38	0.001224191	2	1259.716	4.38	Ovary	3R:+:226294-226326	exon=> In CDS Exon 2 of transcript AGAP007749-PA
JHU_Ag_108824	SDTYNLFEAIR	AGAP007749-PA	-	73	6.20E-07	2	1328.649	0.43	Midgut	3R:+:225844-225876	exon=> In CDS Exon 2 of transcript AGAP007749-PA
JHU_Ag_114314	DLLQVLFGAQR	AGAP007749-PA	-	83	4.36E-08	2	1259.711	0.51	Salivary gland	3R:+:226294-226326	exon=> In CDS Exon 2 of transcript AGAP007749-PA
JHU_Ag_51657	LEKLSANAHS	AGAP007751-PA,AGAP007751-PB	-	34	0.004093703	2	1069.554	-8.6	Head	3R:+:255567-255596;3R:+:255567-255596	exon=> In CDS Exon 3 of transcript AGAP007751-PA;exon=> In CDS Exon 4 of transcript AGAP007751-PB
JHU_Ag_42477	NLNVQSDSQK	AGAP007753-PA,AGAP007753-PB	-	40	0.00143066	1	1132.560	0.58	Malpighian tubule	3R:-:267796-267767;3R:-:267796-267767	exon=> In CDS Exon 5 of transcript AGAP007753-PA;exon=> In CDS Exon 5 of transcript AGAP007753-PB
JHU_Ag_3406	ICWADFTTPEAK	AGAP007753-PB,AGAP007753-PA	C2(Carbamidomethyl)	62	7.58E-06	1	1438.670	1.84	Malpighian tubule	3R:-:268552-268868,268045-268444;3R:-:268552-268868,268045-268444	exon=> In CDS Exon 4 and 3 of transcript AGAP007753-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007753-PA
JHU_Ag_99488	FCSGLTGGGVVSVVPLYIADIADKK	AGAP007753-PB,AGAP007753-PA	C2(Carbamidomethyl)	82	4.04E-08	1	2566.369	3.83	Malpighian tubule	3R:-:269005-269295,268534-268868;3R:-:269005-269295,268534-268868	exon=> In CDS Exon 3 and 2 of transcript AGAP007753-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007753-PA
JHU_Ag_22659	LANLQQLGLER	AGAP007758-PA	-	65	1.37E-06	2	1254.717	0.65	Pupa	3R:+:318443-318475	exon=> In CDS Exon 2 of transcript AGAP007758-PA
JHU_Ag_36082	FVQVSPDVPQFVQMIGPHPK	AGAP007760-PA	M14(Oxidation)	36	0.003120456	1	2266.174	2.23	Pupa	3R:+:422994-423002,423159-423209	exon=> In CDS Exon 3 and 4 of transcript AGAP007760-PA
JHU_Ag_78984	NREPPIIFTDVDSK	AGAP007760-PA	-	81	1.28E-07	2	1630.846	1.62	Pupa	3R:+:422145-422180,422257-422262	exon=> In CDS Exon 1 and 2 of transcript AGAP007760-PA
JHU_Ag_80317	VDALIEQISK	AGAP007760-PA	-	64	5.51E-06	2	1115.630	-0.6	Pupa	3R:+:423234-423263	exon=> In CDS Exon 4 of transcript AGAP007760-PA
JHU_Ag_84224	LQDIGTALVHNIACK	AGAP007760-PA	Q2(Deamidated), C14(Carbamidomethyl)	59	1.57E-05	1	1653.873	5.99	Head	3R:+:422829-422873	exon=> In CDS Exon 3 of transcript AGAP007760-PA
JHU_Ag_99328	VDALIEQISK	AGAP007760-PA	-	50	0.000116512	2	1115.631	0.49	Visceras	3R:+:423234-423263	exon=> In CDS Exon 4 of transcript AGAP007760-PA
JHU_Ag_104497	VDALIEQISK	AGAP007760-PA	-	72	7.59E-07	2	1115.630	-0.93	Ovary	3R:+:423234-423263	exon=> In CDS Exon 4 of transcript AGAP007760-PA
JHU_Ag_9157	NYVQNLLGFNK	AGAP007761-PA	-	51	8.66E-05	2	1309.689	-0.72	Head	3R:-:470481-470449	exon=> In CDS Exon 7 of transcript AGAP007761-PA

JHU_Ag_20535	DDSGSFTCVTPAR	AGAP007761-PA	C8(Carbamidomethyl)	53	3.20E-05	2	1412.614	1.81	Head	3R:-:463240-463202	exon=> In CDS Exon 15 of transcript AGAP007761-PA
JHU_Ag_8262	ATYTCPHGYHVVGLQSR	AGAP007761-PA,AGAP007761-PB	C5(Carbamidomethyl)	96	4.10E-09	1	1945.932	-0.96	Head	3R:-:474475-474425;3R:-:474475-474425	exon=> In CDS Exon 3 of transcript AGAP007761-PA;exon=> In CDS Exon 3 of transcript AGAP007761-PB
JHU_Ag_42278	VTYHCGEGYELVGR	AGAP007761-PA,AGAP007761-PB	C5(Carbamidomethyl)	53	5.72E-05	1	1639.760	4.08	Head	3R:-:473958-473917;3R:-:473958-473917	exon=> In CDS Exon 5 of transcript AGAP007761-PA;exon=> In CDS Exon 5 of transcript AGAP007761-PB
JHU_Ag_18938	MPYFGLHDPAHLVCLSR	AGAP007763-PA	M1(Oxidation), C14(Carbamidomethyl)	97	3.23E-09	1	2028.982	1.7	Head	3R:-:483813-483763	exon=> In CDS Exon 1 of transcript AGAP007763-PA
JHU_Ag_23220	ILIWDLVTGNCR	AGAP007763-PA	C11(Carbamidomethyl)	79	1.39E-07	2	1459.782	6.42	Head	3R:-:483264-483577,483006-483159	exon=> In CDS Exon 3 and 2 of transcript AGAP007763-PA
JHU_Ag_45777	STLVGHSAPVTLLK	AGAP007763-PA	-	63	1.06E-06	1	1422.833	1.06	Head	3R:-:483158-483117	exon=> In CDS Exon 3 of transcript AGAP007763-PA
JHU_Ag_31837	LAESLAYDVVQQGTQK	AGAP007765-PA	-	69	1.42E-06	2	1749.908	3.46	Head	3R:-:500082-500035	exon=> In CDS Exon 3 of transcript AGAP007765-PA
JHU_Ag_54750	NVEVWGVGDKPVKEDEGEDEK	AGAP007765-PA	-	36	0.003693867	1	2358.109	-0.34	Midgut	3R:-:498717-498849,498481-498589	exon=> In CDS Exon 7 and 6 of transcript AGAP007765-PA
JHU_Ag_59983	LAESLAYDVVQQGTQK	AGAP007765-PA	-	77	2.72E-07	1	1749.911	5.14	Malpighian tubule	3R:-:500082-500035	exon=> In CDS Exon 3 of transcript AGAP007765-PA
JHU_Ag_83130	GIDAQLVRK	AGAP007767-PA	Q5(Deamidated)	40	0.001274035	1	1000.577	-1.67	Pupa	3R:-:505415-505389	exon=> In CDS Exon 2 of transcript AGAP007767-PA
JHU_Ag_114356	GIDAQLVRK	AGAP007767-PA	Q5(Deamidated)	36	0.003323868	1	1000.579	0.46	Visceras	3R:-:505415-505389	exon=> In CDS Exon 2 of transcript AGAP007767-PA
JHU_Ag_792	SEVATRIPKPVLR	AGAP007768-PA	N-Term(Acetyl)	75	4.47E-08	1	1507.899	2.19	Malpighian tubule	3R:+:508393-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_2098	RNLIVSGVLCTIAVVAMK	AGAP007768-PA	C10(Carbamidomethyl), M17(Oxidation)	56	7.13E-06	3	1960.109	0.56	Head	3R:+:508456-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_2843	SEVATR	AGAP007768-PA	N-Term(Acetyl)	38	0.002392691	1	704.359	2.49	Visceras	3R:+:508393-508410	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_14461	VRDYAEFYK	AGAP007768-PA	-	42	0.001156214	1	1190.586	1.2	Visceras	3R:+:508531-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_16470	NLIVSGVLCTIAVVAMK	AGAP007768-PA	C9(Carbamidomethyl), M16(Oxidation)	118	8.39E-12	1	1804.008	0.24	Ovary	3R:+:508459-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_17072	IPKPVLR	AGAP007768-PA	-	31	0.000215248	1	822.556	-0.39	Pupa	3R:+:508411-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_20181	DAGLLQSVKD	AGAP007768-PA	-	68	2.66E-06	2	1045.554	1.7	Ovary	3R:+:508680-508709	exon=> In CDS Exon 2 of transcript AGAP007768-PA
JHU_Ag_21618	GLHNATIK	AGAP007768-PA	-	50	3.44E-05	1	853.492	3.45	Midgut	3R:+:508432-508455	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_23792	DAGLLQSVKD	AGAP007768-PA	-	95	6.13E-09	2	1045.553	0.3	Malpighian tubule	3R:+:508680-508709	exon=> In CDS Exon 2 of transcript AGAP007768-PA
JHU_Ag_30906	MKDAGLLQSVK	AGAP007768-PA	-	62	7.91E-06	1	1189.657	-3.33	Midgut	3R:+:508674-508706	exon=> In CDS Exon 2 of transcript AGAP007768-PA
JHU_Ag_34486	GLHNATIKR	AGAP007768-PA	-	59	4.64E-06	1	1009.591	0.62	Visceras	3R:+:508432-508458	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_35059	DYAEFYK	AGAP007768-PA	-	41	0.000799187	1	935.417	2.95	Visceras	3R:+:508537-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_39193	NLIVSGVLCTIAVVAMKVMHNDPK	AGAP007768-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), M16(Oxidation), M19(Oxidation)"	67	9.82E-07	1	2609.409	4.35	Visceras	3R:+:508459-508530	exon=> In CDS Exon 1 of transcript AGAP007768-PA

JHU_Ag_39219	NLIVSGVLCTIAVVAMK	AGAP007768-PA	C9(Carbamidomethyl), M16(Oxidation)	43	0.000258044	2	1804.011	1.86	Salivary gland	3R:+:508459-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_39535	RNLIVSGVLCTIAVVAMK	AGAP007768-PA	C10(Carbamidomethyl), M17(Oxidation)	78	3.02E-08	1	1960.117	4.2	Visceras	3R:+:508456-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_40665	NLIVSGVLCTIAVVAMKVMHNDPK	AGAP007768-PA	C9(Carbamidomethyl), M16(Oxidation), M19(Oxidation)	32	0.004777026	1	2641.390	0.94	Head	3R:+:508459-508530	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_41512	IPKPVLR	AGAP007768-PA	-	33	0.000120487	2	822.556	0.5	Head	3R:+:508411-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_41811	DAGLLQSVKD	AGAP007768-PA	-	70	1.81E-06	2	1045.549	-2.86	Midgut	3R:+:508680-508709	exon=> In CDS Exon 2 of transcript AGAP007768-PA
JHU_Ag_43962	IPKPVLR	AGAP007768-PA	-	19	0.002837527	1	822.556	-0.02	Salivary gland	3R:+:508411-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_44669	NLIVSGVLCTIAVVAMK	AGAP007768-PA	C9(Carbamidomethyl),"C9 (Carbamidomethyl), M16(Oxidation)"	141	4.49E-14	1	1804.005	-1.39	Midgut	3R:+:508459-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_45803	NLIVSGVLCTIAVVAMK	AGAP007768-PA	C9(Carbamidomethyl),"C9 (Carbamidomethyl), M16(Oxidation)"	145	1.00E-14	2	1788.021	4.84	Visceras	3R:+:508459-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_51009	GLHNATIK	AGAP007768-PA	-	47	0.000119963	1	853.490	1.66	Visceras	3R:+:508432-508455	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_54239	GLHNATIK	AGAP007768-PA	-	51	4.15E-05	1	853.489	-0.36	Ovary	3R:+:508432-508455	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_56355	IPKPVLR	AGAP007768-PA	-	38	4.20E-05	1	822.557	0.65	Visceras	3R:+:508411-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_57013	TYDANK	AGAP007768-PA	-	29	0.004095534	1	711.331	0.26	Midgut	3R:+:508644-508661	exon=> In CDS Exon 2 of transcript AGAP007768-PA
JHU_Ag_57793	DYAEFYK	AGAP007768-PA	-	41	0.000758478	1	935.415	0.14	Head	3R:+:508537-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_62284	DYAEFYK	AGAP007768-PA	-	49	0.000109056	1	935.416	1.95	Ovary	3R:+:508537-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_63099	DYAEFYK	AGAP007768-PA	-	39	0.001090967	1	935.413	-1.23	Midgut	3R:+:508537-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_64151	SEVATRIPKPVLR	AGAP007768-PA	-	32	0.000841643	1	1465.884	-0.41	Malpighian tubule	3R:+:508393-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_67955	DYAEFYKTYDANK	AGAP007768-PA	-	95	2.80E-09	1	1627.730	1.77	Malpighian tubule	3R:+:508537-508556,508643-508661	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_71984	SEVATRIPKPVLR	AGAP007768-PA	N-Term(Acetyl)	55	4.82E-06	1	1507.898	1.64	Salivary gland	3R:+:508393-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_73275	NLIVSGVLCTIAVVAMK	AGAP007768-PA	C9(Carbamidomethyl),"C9 (Carbamidomethyl), M16(Oxidation)"	100	5.79E-10	2	1804.005	-1.05	Head	3R:+:508459-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_77794	DYAEFYK	AGAP007768-PA	-	40	0.001114038	1	935.418	3.93	Salivary gland	3R:+:508537-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_78695	NLIVSGVLCTIAVVAMK	AGAP007768-PA	C9(Carbamidomethyl), M16(Oxidation)	80	3.85E-08	2	1804.019	6.53	Larva	3R:+:508459-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_79244	NLIVSGVLCTIAVVAMK	AGAP007768-PA	C9(Carbamidomethyl), M16(Oxidation)	88	5.56E-09	2	1804.018	5.99	Malpighian tubule	3R:+:508459-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_82367	DAGLLQSVKD	AGAP007768-PA	-	95	6.31E-09	2	1045.551	-1.45	Head	3R:+:508680-508709	exon=> In CDS Exon 2 of transcript AGAP007768-PA

JHU_Ag_86175	DAGLLQSVKD	AGAP007768-PA	-	76	5.06E-07	2	1045.554	1.11	Visceras	3R:+:508680-508709	exon=> In CDS Exon 2 of transcript AGAP007768-PA
JHU_Ag_90841	GLHNATIKR	AGAP007768-PA	-	59	4.92E-06	1	1009.591	1.04	Midgut	3R:+:508432-508458	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_95562	NLIVSGVLCTIAVVAMKVMHNDPK	AGAP007768-PA	C9(Carbamidomethyl), M16(Oxidation), M19(Oxidation)	66	1.98E-06	1	2641.400	4.82	Malpighian tubule	3R:+:508459-508530	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_98223	DYAEFYK	AGAP007768-PA	-	40	0.000900842	1	935.416	1.38	Malpighian tubule	3R:+:508537-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_98899	DAGLLQSVK	AGAP007768-PA	-	53	8.34E-05	1	930.525	-0.53	Head	3R:+:508680-508706	exon=> In CDS Exon 2 of transcript AGAP007768-PA
JHU_Ag_99743	IPKPVLR	AGAP007768-PA	-	22	0.001709779	2	822.557	1.61	Ovary	3R:+:508411-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_101900	IPKPVLR	AGAP007768-PA	-	31	0.00021132	1	822.558	2.8	Malpighian tubule	3R:+:508411-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_103567	VRDYAEFYK	AGAP007768-PA	-	59	1.94E-05	1	1190.578	-4.95	Head	3R:+:508531-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_108585	RNLIVSGVLCTIAVVAMK	AGAP007768-PA	C10(Carbamidomethyl), M17(Oxidation)	69	3.76E-07	1	1960.108	-0.09	Malpighian tubule	3R:+:508456-508509	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_109110	VRDYAEFYK	AGAP007768-PA	-	51	0.000138445	1	1190.585	0.88	Malpighian tubule	3R:+:508531-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_109127	VRDYAEFYK	AGAP007768-PA	-	58	2.80E-05	1	1190.580	-3.01	Midgut	3R:+:508531-508556,508643-508643	exon=> In CDS Exon 1 and 2 of transcript AGAP007768-PA
JHU_Ag_113139	IPKPVLR	AGAP007768-PA	-	31	0.000263099	1	822.555	-1.28	Midgut	3R:+:508411-508431	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_114379	GLHNATIK	AGAP007768-PA	-	51	4.92E-05	1	853.489	-0.5	Head	3R:+:508432-508455	exon=> In CDS Exon 1 of transcript AGAP007768-PA
JHU_Ag_87807	TLIGK	AGAP007769-PA	-	35	0.002350038	1	531.349	-1.5	Head	3R:-:509921-509907	exon=> In CDS Exon 2 of transcript AGAP007769-PA
JHU_Ag_11845	LIRNALK	AGAP007775-PA	N4(Deamidated)	36	0.001919014	1	828.529	-1.63	Head	3R:+:612156-612176	exon=> In CDS Exon 1 of transcript AGAP007775-PA
JHU_Ag_12577	DAILSLVHSYNTLDNK	AGAP007777-PA	-	39	0.002205537	1	1802.932	2.24	Head	3R:-:740936-740889	exon=> In CDS Exon 2 of transcript AGAP007777-PA
JHU_Ag_17995	DAILSLVHSYNTLDNKLER	AGAP007777-PA	-	68	1.75E-06	1	2201.151	-2.38	Pupa	3R:-:740936-740880	exon=> In CDS Exon 2 of transcript AGAP007777-PA
JHU_Ag_19019	LSQFYLTSPVIATQNVEFEDK	AGAP007777-PA	-	69	1.72E-06	2	2429.228	1.95	Visceras	3R:-:740345-740283	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_21253	VSLITNR	AGAP007777-PA	-	44	0.000664167	2	802.478	0.04	Pupa	3R:-:739509-739489	exon=> In CDS Exon 4 of transcript AGAP007777-PA
JHU_Ag_22984	LSQFYLTSPVIATQNVEFEDKVLR	AGAP007777-PA	-	29	0.007247017	1	2797.492	5.46	Ovary	3R:-:740345-740274	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_26053	TLTEELTTAEAFHNTAK	AGAP007777-PA	-	41	0.001467002	1	1876.931	1.09	Ovary	3R:-:740030-739980	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_31381	IETEISQVWR	AGAP007777-PA	-	40	0.001859276	2	1260.658	-0.06	Ovary	3R:-:739733-739704	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_34753	LEDLSNSMASDGTSSNSLSK	AGAP007777-PA	M8(Oxidation)	91	8.59E-09	2	2058.917	1.71	Head	3R:-:740270-740211	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_36145	DAILSLVHSYNTLDNKLER	AGAP007777-PA	-	52	5.19E-05	1	2201.168	5.61	Head	3R:-:740936-740880	exon=> In CDS Exon 2 of transcript AGAP007777-PA
JHU_Ag_44069	DEDDESVASK	AGAP007777-PA	-	71	2.62E-07	1	1094.448	-0.05	Head	3R:-:740615-740586	exon=> In CDS Exon 2 of transcript AGAP007777-PA

JHU_Ag_46581	LSSADEIISK	AGAP007777-PA	-	45	0.000499341	2	1062.570	1.62	Male reproductive organs	3R:-:740387-740358	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_50546	IKENNEVLQSSVDDILK	AGAP007777-PA	-	80	1.14E-07	2	1944.032	1.75	Male reproductive organs	3R:-:740081-740031	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_54149	GSFAEVSNR	AGAP007777-PA	-	53	6.91E-05	2	966.465	0.75	Male reproductive organs	3R:-:739377-739351	exon=> In CDS Exon 4 of transcript AGAP007777-PA
JHU_Ag_54616	LSQFYLTSPVIATQNVEFEDK	AGAP007777-PA	-	39	0.001757984	2	2429.220	-1.46	Ovary	3R:-:740345-740283	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_58452	VSLITNR	AGAP007777-PA	-	45	0.000598794	2	802.479	0.65	Male reproductive organs	3R:-:739509-739489	exon=> In CDS Exon 4 of transcript AGAP007777-PA
JHU_Ag_63630	IKENNEVLQSSVDDILK	AGAP007777-PA	-	65	3.57E-06	1	1944.028	-0.17	Ovary	3R:-:740081-740031	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_67284	ENNEVLQSSVDDILK	AGAP007777-PA	-	48	0.000269643	1	1702.869	11.73	Malpighian tubule	3R:-:740075-740031	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_73015	GSFAEVSNR	AGAP007777-PA	-	51	0.000115108	2	966.465	0.82	Pupa	3R:-:739377-739351	exon=> In CDS Exon 4 of transcript AGAP007777-PA
JHU_Ag_74150	ENNEVLQSSVDDILK	AGAP007777-PA	-	51	0.000154975	2	1702.854	2.77	Head	3R:-:740075-740031	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_75474	TLTEELTTAEAFHNTAK	AGAP007777-PA	-	52	0.00011154	2	1876.931	1.03	Pupa	3R:-:740030-739980	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_75704	IETEISQVWR	AGAP007777-PA	-	57	3.44E-05	2	1260.660	1.58	Pupa	3R:-:739733-739704	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_77315	TGEIETALLQHGDK	AGAP007777-PA	-	67	2.51E-06	2	1511.782	7.9	Male reproductive organs	3R:-:740762-740721	exon=> In CDS Exon 2 of transcript AGAP007777-PA
JHU_Ag_91514	LSMVTQEFNQIK	AGAP007777-PA	M3(Oxidation)	94	5.75E-09	1	1453.738	1.37	Male reproductive organs	3R:-:739446-739411	exon=> In CDS Exon 4 of transcript AGAP007777-PA
JHU_Ag_106611	LSQFYLTSPVIATQNVEFEDKVLR	AGAP007777-PA	-	38	0.000778469	1	2797.499	7.69	Malpighian tubule	3R:-:740345-740274	exon=> In CDS Exon 3 of transcript AGAP007777-PA
JHU_Ag_19749	FSAELVQR	AGAP007779-PA	-	45	0.000571498	2	949.510	-0.54	Pupa	3R:-:752969-752946	exon=> In CDS Exon 1 of transcript AGAP007779-PA
JHU_Ag_108973	SVLHPLHFINTSIR	AGAP007779-PA	-	33	0.002493204	1	1633.922	3.09	Head	3R:-:751937-751896	exon=> In CDS Exon 3 of transcript AGAP007779-PA
JHU_Ag_1206	VPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C7(Carbamidomethyl), C14(Carbamidomethyl)	101	9.00E-10	2	2748.235	2.57	Visceras	3R:-:760421-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_2916	QTYPWYHQK	AGAP007780-PA	-	42	0.001104556	1	1250.594	-1.29	Head	3R:-:760457-760431	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_5451	FEDCVLYEQPDHER	AGAP007780-PA	C4(Carbamidomethyl)	36	0.001526398	1	1836.786	-0.17	Salivary gland	3R:-:755602-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_9979	MVDNEILAILR	AGAP007780-PA	-	70	1.18E-06	1	1286.717	2.49	Salivary gland	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_12004	AAENWFIK	AGAP007780-PA	-	56	3.81E-05	2	978.505	0.24	Salivary gland	3R:-:755527-755504	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_13346	RVPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	103	5.76E-10	1	2904.329	-0.13	Visceras	3R:-:760424-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_13637	IVEPNR	AGAP007780-PA	-	33	0.002965864	2	727.410	0.71	Salivary gland	3R:-:760475-760458	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_14050	FEDCVLYEQPDHERK	AGAP007780-PA	C4(Carbamidomethyl)	66	2.71E-06	1	1964.885	1.93	Malpighian tubule	3R:-:755602-755558	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_16505	SLLDTYEK	AGAP007780-PA	-	37	0.002102012	1	968.496	2.83	Malpighian tubule	3R:-:755551-755528	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_16651	SLLDTYEK	AGAP007780-PA	-	51	9.72E-05	2	968.493	-0.33	Midgut	3R:-:755551-755528	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_16968	YGDLGGYANAK	AGAP007780-PA	-	67	2.10E-06	1	1128.531	-1.36	Malpighian tubule	3R:-:755503-755642,755284-755395	exon=> In CDS Exon 4 and 3 of transcript AGAP007780-PA

JHU_Ag_19477	AAENWFIKYGDLGGYANAK	AGAP007780-PA	-	123	8.81E-12	1	2088.027	3.88	Malpighian tubule	3R:-:755527-755642,755284-755395	exon=> In CDS Exon 4 and 3 of transcript AGAP007780-PA
JHU_Ag_21838	SLLDTYEK	AGAP007780-PA	-	36	0.00272708	1	968.492	-1.26	Head	3R:-:755551-755528	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_24096	MVDNEILAILR	AGAP007780-PA	M1(Oxidation)	79	1.70E-07	2	1286.714	0.31	Head	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_24832	AAENWFIK	AGAP007780-PA	-	77	2.95E-07	2	978.506	1.49	Visceras	3R:-:755527-755504	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_25657	MVDNEILAILR	AGAP007780-PA	M1(Oxidation)	48	0.000201962	2	1302.719	7.86	Larva	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_27966	VPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C7(Carbamidomethyl), C14(Carbamidomethyl)	146	2.81E-14	1	2748.235	2.66	Malpighian tubule	3R:-:760421-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_28193	SLLDTYEK	AGAP007780-PA	-	43	0.000558082	1	968.493	-0.32	Visceras	3R:-:755551-755528	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_28304	QTYPWYHQK	AGAP007780-PA	-	48	0.000265527	1	1250.596	0.56	Visceras	3R:-:760457-760431	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_29999	EKIVEPNR	AGAP007780-PA	-	54	2.93E-05	1	984.548	0.77	Visceras	3R:-:760752-760839,760345-760458	exon=> In CDS Exon 2 and 1 of transcript AGAP007780-PA
JHU_Ag_31596	DKMVDNEILAILR	AGAP007780-PA	M3(Oxidation)	84	4.97E-08	2	1545.832	0.72	Salivary gland	3R:-:760349-760480,755503-755609	exon=> In CDS Exon 3 and 2 of transcript AGAP007780-PA
JHU_Ag_36184	YGDLGGYANAK	AGAP007780-PA	-	73	5.31E-07	1	1128.534	1.78	Visceras	3R:-:755503-755642,755284-755395	exon=> In CDS Exon 4 and 3 of transcript AGAP007780-PA
JHU_Ag_41027	TVEGEGDVASEH	AGAP007780-PA	-	44	0.00019286	2	1229.531	2.19	Head	3R:-:755322-755287	exon=> In CDS Exon 4 of transcript AGAP007780-PA
JHU_Ag_42379	NPLDSFLNAVQATIDGPVTWFR	AGAP007780-PA	-	140	1.29E-13	1	2461.262	4.31	Visceras	3R:-:760818-760753	exon=> In CDS Exon 1 of transcript AGAP007780-PA
JHU_Ag_43816	QRFEDCVLYEQPDHER	AGAP007780-PA	C6(Carbamidomethyl)	89	1.21E-08	1	2120.944	-0.56	Head	3R:-:755608-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_44424	RVPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	50	0.000112241	3	2904.334	1.57	Ovary	3R:-:760424-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_45366	MVDNEILAILR	AGAP007780-PA	M1(Oxidation)	98	2.18E-09	1	1286.714	-0.17	Midgut	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_46604	YGDLGGYANAK	AGAP007780-PA	-	59	1.31E-05	2	1128.533	0.85	Salivary gland	3R:-:755503-755642,755284-755395	exon=> In CDS Exon 4 and 3 of transcript AGAP007780-PA
JHU_Ag_47821	DKMVDNEILAILR	AGAP007780-PA	M3(Oxidation)	124	4.68E-12	1	1529.835	-0.2	Midgut	3R:-:760349-760480,755503-755609	exon=> In CDS Exon 3 and 2 of transcript AGAP007780-PA
JHU_Ag_52186	MVDNEILAILR	AGAP007780-PA	M1(Oxidation)	83	6.95E-08	1	1302.711	1.87	Visceras	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_53223	VPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C7(Carbamidomethyl), C14(Carbamidomethyl)	87	1.87E-08	1	2748.231	1.06	Midgut	3R:-:760421-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_53563	MVDNEILAILR	AGAP007780-PA	M1(Oxidation)	73	5.41E-07	1	1286.717	2.21	Malpighian tubule	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_55051	IVEPNRQTYPWYHQK	AGAP007780-PA	-	51	0.000138122	1	1958.983	-2.23	Malpighian tubule	3R:-:760475-760431	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_55465	AAENWFIK	AGAP007780-PA	-	64	6.28E-06	2	978.505	0.74	Pupa	3R:-:755527-755504	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_55497	FEDCVLYEQPDHERK	AGAP007780-PA	C4(Carbamidomethyl)	69	1.10E-06	1	1964.874	-3.45	Head	3R:-:755602-755558	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_57081	FEDCVLYEQPDHER	AGAP007780-PA	C4(Carbamidomethyl)	78	8.55E-08	2	1836.784	-1.19	Midgut	3R:-:755602-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA

JHU_Ag_57516	MVDNEILAILR	AGAP007780-PA	-	66	2.66E-06	2	1286.715	0.59	Pupa	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_57608	AAENWFIK	AGAP007780-PA	-	63	8.04E-06	2	978.507	2.24	Malpighian tubule	3R:-:755527-755504	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_57652	VPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C7(Carbamidomethyl), C14(Carbamidomethyl)	95	2.66E-09	2	2748.225	-1.07	Head	3R:-:760421-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_61347	FEDCVLYEQPDHER	AGAP007780-PA	C4(Carbamidomethyl)	100	6.74E-10	1	1836.788	1.2	Visceras	3R:-:755602-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_64305	QRFEDCVLYEQPDHER	AGAP007780-PA	C6(Carbamidomethyl)	89	1.16E-08	1	2120.944	-0.91	Midgut	3R:-:755608-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_67185	DKMVDNEILAILR	AGAP007780-PA	M3(Oxidation)	115	3.19E-11	1	1545.836	3.33	Visceras	3R:-:760349-760480,755503-755609	exon=> In CDS Exon 3 and 2 of transcript AGAP007780-PA
JHU_Ag_67429	NPLDSFLNAVQATIDGPVTWFR	AGAP007780-PA	-	55	3.66E-05	2	2461.260	3.72	Head	3R:-:760818-760753	exon=> In CDS Exon 1 of transcript AGAP007780-PA
JHU_Ag_69905	IVEPNR	AGAP007780-PA	-	30	0.003631282	2	727.410	-0.22	Visceras	3R:-:760475-760458	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_70283	YGDLGGYANAK	AGAP007780-PA	-	67	2.06E-06	1	1128.530	-1.58	Head	3R:-:755503-755642,755284-755395	exon=> In CDS Exon 4 and 3 of transcript AGAP007780-PA
JHU_Ag_72017	RVPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	109	1.34E-10	1	2904.336	2.45	Head	3R:-:760424-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_74895	VPSIDQCYTDDAVCIFEANQQFKR	AGAP007780-PA	C7(Carbamidomethyl), C14(Carbamidomethyl)	82	6.48E-08	1	2904.329	0.06	Head	3R:-:760421-760350	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_77164	DKMVDNEILAILR	AGAP007780-PA	M3(Oxidation)	91	7.32E-09	2	1545.837	4.43	Head	3R:-:760349-760480,755503-755609	exon=> In CDS Exon 3 and 2 of transcript AGAP007780-PA
JHU_Ag_77440	RVPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	100	1.03E-09	1	2904.325	-1.58	Midgut	3R:-:760424-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_84596	IVEPNR	AGAP007780-PA	-	32	0.004010064	1	727.410	0.79	Malpighian tubule	3R:-:760475-760458	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_85127	MVDNEILAILR	AGAP007780-PA	M1(Oxidation)	69	1.83E-06	1	1302.710	0.65	Ovary	3R:-:755641-755609	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_85670	TVEGEGDVASEH	AGAP007780-PA	-	59	6.09E-06	2	1229.526	-1.78	Midgut	3R:-:755322-755287	exon=> In CDS Exon 4 of transcript AGAP007780-PA
JHU_Ag_87670	VPSIDQCYTDDAVCIFEANQQFKR	AGAP007780-PA	C7(Carbamidomethyl), C14(Carbamidomethyl)	80	1.10E-07	1	2904.335	1.88	Visceras	3R:-:760421-760350	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_88863	AAENWFIK	AGAP007780-PA	-	60	0.00001705	1	978.502	-2.63	Midgut	3R:-:755527-755504	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_90748	TVEGEGDVASEH	AGAP007780-PA	-	66	1.11E-06	1	1229.531	2.19	Visceras	3R:-:755322-755287	exon=> In CDS Exon 4 of transcript AGAP007780-PA
JHU_Ag_99152	VPSIDQCYTDDAVCIFEANQQFKR	AGAP007780-PA	C7(Carbamidomethyl), C14(Carbamidomethyl)	166	2.66E-16	1	2904.340	3.84	Malpighian tubule	3R:-:760421-760350	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_101075	YGDLGGYANAK	AGAP007780-PA	-	81	8.73E-08	1	1128.534	1.56	Midgut	3R:-:755503-755642,755284-755395	exon=> In CDS Exon 4 and 3 of transcript AGAP007780-PA
JHU_Ag_103464	FEDCVLYEQPDHERK	AGAP007780-PA	C4(Carbamidomethyl)	74	4.51E-07	1	1964.887	3.05	Midgut	3R:-:755602-755558	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_104327	FEDCVLYEQPDHER	AGAP007780-PA	C4(Carbamidomethyl)	75	1.98E-07	1	1836.786	0.07	Head	3R:-:755602-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_104391	PEAPARNPLDSFLNAVQATIDGPVTWFR	AGAP007780-PA	-	152	6.39E-15	1	3082.573	-0.47	Midgut	3R:-:760836-760753	exon=> In CDS Exon 1 of transcript AGAP007780-PA
JHU_Ag_105156	RVPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	39	0.001574536	1	2904.334	1.57	Pupa	3R:-:760424-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA
JHU_Ag_106495	RVPSIDQCYTDDAVCIFEANQQFK	AGAP007780-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	114	4.00E-11	1	2904.328	-0.45	Malpighian tubule	3R:-:760424-760353	exon=> In CDS Exon 2 of transcript AGAP007780-PA

JHU_Ag_107874	DKMVDNEILAILR	AGAP007780-PA	M3(Oxidation)	115	3.21E-11	1	1545.837	4.2	Malpighian tubule	3R:-:760349-760480,755503-755609	exon=> In CDS Exon 3 and 2 of transcript AGAP007780-PA
JHU_Ag_110039	DKMVDNEILAILR	AGAP007780-PA	M3(Oxidation)	61	1.07E-05	1	1545.831	0.32	Ovary	3R:-:760349-760480,755503-755609	exon=> In CDS Exon 3 and 2 of transcript AGAP007780-PA
JHU_Ag_110649	TVEGEGDVASEH	AGAP007780-PA	-	94	1.79E-09	1	1229.528	-0.09	Malpighian tubule	3R:-:755322-755287	exon=> In CDS Exon 4 of transcript AGAP007780-PA
JHU_Ag_113608	FEDCVLYEQPDHER	AGAP007780-PA	C4(Carbamidomethyl)	71	6.00E-07	1	1836.794	4.26	Malpighian tubule	3R:-:755602-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_116548	QRFEDCVLYEQPDHER	AGAP007780-PA	C6(Carbamidomethyl)	89	1.48E-08	1	2120.962	7.9	Malpighian tubule	3R:-:755608-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_116596	QRFEDCVLYEQPDHER	AGAP007780-PA	C6(Carbamidomethyl)	99	1.27E-09	1	2120.950	1.94	Visceras	3R:-:755608-755561	exon=> In CDS Exon 3 of transcript AGAP007780-PA
JHU_Ag_116986	NPLDSFLNAVQATIDGPVTWFR	AGAP007780-PA	-	113	6.09E-11	1	2461.253	0.94	Midgut	3R:-:760818-760753	exon=> In CDS Exon 1 of transcript AGAP007780-PA
JHU_Ag_117291	HGPVGTGMK	AGAP007780-PA	M8(Oxidation)	43	0.000356701	2	899.437	-3.66	Head	3R:-:755349-755323	exon=> In CDS Exon 4 of transcript AGAP007780-PA
JHU_Ag_17091	TGVVSPNTKPMTTLSVK	AGAP007781-PA	M11(Oxidation)	65	2.08E-06	1	1775.960	1.27	Ovary	3R:-:763531-763481	exon=> In CDS Exon 2 of transcript AGAP007781-PA
JHU_Ag_24063	VLIHDASELPDLYSSTPGGTLYSTTPGGTR	AGAP007781-PA	-	107	2.14E-10	1	3105.545	2.46	Ovary	3R:-:767810-767876,763409-763622	exon=> In CDS Exon 2 and 1 of transcript AGAP007781-PA
JHU_Ag_28733	VLIHDASELPDLYSSTPGGTLYSTTPGGTR	AGAP007781-PA	-	81	1.03E-07	1	3105.543	1.76	Visceras	3R:-:767810-767876,763409-763622	exon=> In CDS Exon 2 and 1 of transcript AGAP007781-PA
JHU_Ag_52621	QACASISQAIPSKR	AGAP007781-PA	C3(Carbamidomethyl)	81	1.15E-07	1	1516.793	1.68	Malpighian tubule	3R:-:767852-767811	exon=> In CDS Exon 1 of transcript AGAP007781-PA
JHU_Ag_54919	TPPNNVPMNLLR	AGAP007781-PA	M8(Oxidation)	57	2.18E-05	1	1381.728	1.8	Ovary	3R:-:763567-763532	exon=> In CDS Exon 2 of transcript AGAP007781-PA
JHU_Ag_61301	VLIHDASELPDLYSSTPGGTLYSTTPGGTR	AGAP007781-PA	-	47	0.000256548	1	3105.532	-1.66	Male reproductive organs	3R:-:767810-767876,763409-763622	exon=> In CDS Exon 2 and 1 of transcript AGAP007781-PA
JHU_Ag_70005	VLIHDASELPDLYSSTPGGTLYSTTPGGTR	AGAP007781-PA	-	72	7.98E-07	1	3105.543	1.76	Head	3R:-:767810-767876,763409-763622	exon=> In CDS Exon 2 and 1 of transcript AGAP007781-PA
JHU_Ag_75990	RVLIHDASELPDLYSSTPGGTLYSTTPGGTR	AGAP007781-PA	-	73	5.15E-07	1	3261.648	2.89	Ovary	3R:-:767813-767876,763409-763622	exon=> In CDS Exon 2 and 1 of transcript AGAP007781-PA
JHU_Ag_80110	VLIHDASELPDLYSSTPGGTLYSTTPGGTR	AGAP007781-PA	-	117	2.49E-11	1	3105.542	1.52	Malpighian tubule	3R:-:767810-767876,763409-763622	exon=> In CDS Exon 2 and 1 of transcript AGAP007781-PA
JHU_Ag_236	GQEAGYEAER	AGAP007784-PB	-	48	0.00010527	2	1109.486	-0.07	Visceras	3R:+:834910-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_250	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	103	2.09E-10	1	2081.152	4.53	Malpighian tubule	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_351	WVDQYGAER	AGAP007784-PB	-	49	0.000161652	2	1123.518	1.11	Salivary gland	3R:+:836203-836229	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_434	FVNEAVLCLEEK	AGAP007784-PB	C8(Carbamidomethyl)	90	1.50E-08	1	1450.727	1.64	Head	3R:+:836086-836121	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_895	HCIIATNTSAIPITK	AGAP007784-PB	C2(Carbamidomethyl)	112	5.01E-11	1	1639.882	-1.16	Head	3R:+:835372-835416	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_1404	MSGGLYPAPLK	AGAP007784-PB	M1(Oxidation)	48	0.000225765	2	1149.597	-0.19	Pupa	3R:+:834844-834876	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_1793	VSHEGQIQFSK	AGAP007784-PB	-	59	2.08E-05	1	1259.637	-0.82	Pupa	3R:+:834319-834351	exon=> In CDS Exon 2 of transcript AGAP007784-PB

JHU_Ag_2130	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	143	7.44E-14	1	1984.004	0.67	Malpighian tubule	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_2782	TRIVDNVMVITLDSPGVK	AGAP007784-PB	M8(Oxidation)	70	4.29E-07	1	1957.087	4.05	Malpighian tubule	3R:+:834091-834144	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_2859	KGFGELSQTPQSK	AGAP007784-PB	-	106	3.25E-10	1	1406.728	0.34	Visceras	3R:+:834940-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_5769	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	92	3.01E-09	2	2081.149	3.01	Larva	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_6376	GIGQVQNGLQGAIK	AGAP007784-PB	Q10(Deamidated),N7(Deamidated)	82	5.04E-08	1	1383.762	2.26	Malpighian tubule	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_6453	ETAAAAVEVGLR	AGAP007784-PB	-	48	0.000205333	2	1186.650	5.8	Head	3R:+:835525-835560	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_6513	GLIGLFR	AGAP007784-PB	-	50	3.53E-05	2	775.481	-2.2	Visceras	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_6837	LLQEGVDPK	AGAP007784-PB	-	49	8.79E-05	1	998.554	2.39	Malpighian tubule	3R:+:835723-835749	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_7412	VSHEGQIQFSKLEK	AGAP007784-PB	-	86	2.83E-08	1	1629.867	4.33	Malpighian tubule	3R:+:834319-834360	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_7483	LTSIPTALDLALTGK	AGAP007784-PB	-	102	1.31E-10	1	1513.894	6.73	Larva	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_7496	GIGQVQNGLQGAIK	AGAP007784-PB	-	40	0.000599333	2	1382.775	-0.29	Male reproductive organs	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_7943	VTDFAFGIEWVK	AGAP007784-PB	-	77	2.36E-07	2	1411.731	3.93	Head	3R:+:834769-834804	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_8401	GANSVEDMQLR	AGAP007784-PB	M8(Oxidation)	75	4.67E-07	1	1219.575	1.12	Visceras	3R:+:836041-836073	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_9070	VGVDKGQEAGYEAER	AGAP007784-PB	-	92	9.69E-09	1	1607.767	0.81	Salivary gland	3R:+:834895-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_9552	VVITVGDGPGFYTTR	AGAP007784-PB	-	90	1.10E-08	1	1581.829	1.23	Male reproductive organs	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_9822	KGFGELSQTPQSK	AGAP007784-PB	-	75	3.98E-07	1	1406.730	1.98	Larva	3R:+:834940-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_10396	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	129	1.70E-12	1	1984.005	1.35	Salivary gland	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_11187	VNSLNAEVQSEFDAVLR	AGAP007784-PB	-	132	1.08E-12	2	1890.959	1.65	Male reproductive organs	3R:+:834145-834195	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_11761	HCIIATNTSAIPITK	AGAP007784-PB	C2(Carbamidomethyl)	44	0.000283105	1	1639.888	2.71	Ovary	3R:+:835372-835416	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_11792	VSHEGQIQFSK	AGAP007784-PB	-	73	7.20E-07	1	1259.638	0.44	Head	3R:+:834319-834351	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_11935	IVDNVMVITLDSPGVK	AGAP007784-PB	M6(Oxidation)	132	5.46E-13	1	1715.936	6.31	Salivary gland	3R:+:834097-834144	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_13379	IAAGSSRPENVVGMHYFSPVDK	AGAP007784-PB	M14(Oxidation)	130	1.82E-12	1	2361.165	-0.4	Malpighian tubule	3R:+:835417-835482	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_13552	VGVDKGQEAGYEAER	AGAP007784-PB	-	139	2.33E-13	1	1607.771	3.09	Malpighian tubule	3R:+:834895-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_14044	LLQEGVDPK	AGAP007784-PB	-	44	0.000291803	2	998.553	0.86	Visceras	3R:+:835723-835749	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_14257	IAAGSSRPENVVGMHYFSPVDK	AGAP007784-PB	M14(Oxidation)	107	2.52E-10	1	2377.164	1.49	Larva	3R:+:835417-835482	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_14867	FGKPANPPK	AGAP007784-PB	-	53	2.65E-05	2	955.538	2.46	Malpighian tubule	3R:+:835027-835053	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_14984	LGIVDMLVNPLGPGLKPADQNTLEYLEQVAIQVAK	AGAP007784-PB	M6(Oxidation)	35	0.000613414	1	3763.053	4.78	Salivary gland	3R:+:834607-834711	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_15233	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	110	5.01E-11	1	2081.141	-0.86	Head	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB

JHU_Ag_17595	GFGELSQTPQSK	AGAP007784-PB	-	65	5.31E-06	2	1278.633	0.18	Midgut	3R:+:834943-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_17784	GVFVYSGGR	AGAP007784-PB	-	64	2.48E-06	1	941.487	3.19	Malpighian tubule	3R:+:835945-835971	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_20082	VGVDKGQEAGYEAER	AGAP007784-PB	-	69	2.19E-06	1	1607.768	0.89	Midgut	3R:+:834895-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_20736	FGKPANPPK	AGAP007784-PB	-	40	0.000589382	2	955.537	1.18	Salivary gland	3R:+:835027-835053	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_20897	GIGQVQNGLQGAIK	AGAP007784-PB	N7(Deamidated)	72	5.50E-07	1	1383.761	1.47	Visceras	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_21713	GANSVEDMQLR	AGAP007784-PB	M8(Oxidation)	48	0.000220152	2	1219.574	0.22	Head	3R:+:836041-836073	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_22109	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	65	1.55E-06	1	2081.140	-1.33	Male reproductive organs	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_22736	GLIGLFR	AGAP007784-PB	-	35	0.00112146	2	775.485	2.67	Larva	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_22765	VTDFAFGIEWVK	AGAP007784-PB	-	54	4.09E-05	2	1411.734	5.57	Larva	3R:+:834769-834804	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_23393	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	94	1.94E-09	1	2081.147	2.31	Visceras	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_23684	GIGQVQNGLQGAIK	AGAP007784-PB	-	68	9.02E-07	1	1382.777	1.65	Head	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_24956	WVDQYGAER	AGAP007784-PB	-	40	0.001154587	2	1123.515	-1.17	Head	3R:+:836203-836229	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_25493	LTSIPTALDLALTGK	AGAP007784-PB	-	102	1.59E-10	1	1513.885	1.08	Salivary gland	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_25686	GVFVYSGGR	AGAP007784-PB	-	50	7.08E-05	2	941.484	-0.44	Visceras	3R:+:835945-835971	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_26738	LGIVDMLVNPLGPGLKPADQNTLEYLEQVAIQVAK	AGAP007784-PB	M6(Oxidation)	46	5.93E-05	3	3763.045	2.54	Visceras	3R:+:834607-834711	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_27335	VSHEGQIQFSK	AGAP007784-PB	-	62	9.14E-06	1	1259.639	0.83	Salivary gland	3R:+:834319-834351	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_28892	FSGGNLGVMEDLVK	AGAP007784-PB	M9(Oxidation)	95	5.08E-09	1	1481.732	1.05	Salivary gland	3R:+:835873-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_28922	IAAGSSRPENVVGMHYFSPVDK	AGAP007784-PB	M14(Oxidation)	104	6.71E-10	1	2361.163	-1.02	Pupa	3R:+:835417-835482	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_29294	GANSVEDMQLR	AGAP007784-PB	M8(Oxidation)	65	4.04E-06	2	1235.572	3.05	Malpighian tubule	3R:+:836041-836073	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_29386	GANSVEDMQLR	AGAP007784-PB	M8(Oxidation)	66	3.73E-06	1	1219.574	0.62	Salivary gland	3R:+:836041-836073	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_29754	EVNQDALAIMK	AGAP007784-PB	M10(Oxidation)	63	8.98E-06	2	1247.629	-0.71	Head	3R:+:835984-836016	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_31153	IVDNVMVITLDSPGVK	AGAP007784-PB	M6(Oxidation)	125	3.70E-12	1	1715.922	-1.8	Head	3R:+:834097-834144	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_31909	ILSTMLSEAIR	AGAP007784-PB	M5(Oxidation)	90	8.67E-09	1	1233.691	2.95	Visceras	3R:+:835615-835646,835722-835722	exon=> In CDS Exon 2 and 3 of transcript AGAP007784-PB
JHU_Ag_32275	VTDFAFGIEWVK	AGAP007784-PB	-	103	6.08E-10	1	1411.730	3.32	Visceras	3R:+:834769-834804	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_32412	NREVNQDALAIMK	AGAP007784-PB	M12(Oxidation)	48	0.000210784	1	1501.787	5.28	Malpighian tubule	3R:+:835978-836016	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_32424	ILSTMLSEAIR	AGAP007784-PB	M5(Oxidation)	71	7.08E-07	1	1249.682	0.24	Head	3R:+:835615-835646,835722-835722	exon=> In CDS Exon 2 and 3 of transcript AGAP007784-PB
JHU_Ag_33397	FSGGNLGVMEDLVK	AGAP007784-PB	M9(Oxidation)	91	1.14E-08	1	1481.736	3.77	Ovary	3R:+:835873-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB

JHU_Ag_34968	VSHEGQIQFSK	AGAP007784-PB	-	73	7.41E-07	1	1259.647	7.03	Malpighian tubule	3R:+:834319-834351	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_35282	SYADLYGAPFVPAQTLLDMAK	AGAP007784-PB	M19(Oxidation)	56	3.80E-05	1	2287.139	3.43	Head	3R:+:836248-836310	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_35322	MSGGLYPAPLK	AGAP007784-PB	M1(Oxidation)	77	2.79E-07	2	1133.605	2.64	Malpighian tubule	3R:+:834844-834876	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_36612	EVNQDALAIMKQK	AGAP007784-PB	M10(Oxidation)	69	2.12E-06	1	1503.788	3.07	Malpighian tubule	3R:+:835984-836022	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_37688	GIGQVQNGLQGAIKR	AGAP007784-PB	-	101	3.88E-10	1	1538.877	0.18	Visceras	3R:+:835165-835209	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_37777	DTTEAGLGR	AGAP007784-PB	-	49	0.000174925	2	919.451	3.17	Malpighian tubule	3R:+:835138-835164	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_38636	GQEAGYEAER	AGAP007784-PB	-	52	4.98E-05	2	1109.488	2.02	Salivary gland	3R:+:834910-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_38882	VNSLNAEVQSEFDAVLR	AGAP007784-PB	-	63	8.92E-06	2	1890.965	4.81	Pupa	3R:+:834145-834195	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_39013	GIGQVQNGLQGAIK	AGAP007784-PB	-	48	0.000101781	2	1382.775	-0.12	Midgut	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_39924	KPVVAAINGVCLGGGLELALACHYR	AGAP007784-PB	C11(Carbamidomethyl), C22(Carbamidomethyl)	163	3.08E-16	1	2638.405	3.63	Visceras	3R:+:834367-834441	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_39966	MQLLEIITHPGTSK	AGAP007784-PB	M1(Oxidation)	43	0.000443392	2	1583.850	2.47	Midgut	3R:+:835483-835524	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_40101	LTSIPTALDLALTGK	AGAP007784-PB	-	102	1.68E-10	1	1513.884	0.36	Male reproductive organs	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_40638	KGFGELSQTPQSK	AGAP007784-PB	-	80	1.46E-07	1	1406.727	-0.27	Midgut	3R:+:834940-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_40832	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	143	7.32E-14	1	1983.998	-2.35	Male reproductive organs	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_41137	TVVGLPEVMLGLLPGAGGTQRLPK	AGAP007784-PB	M9(Oxidation)	65	4.22E-07	1	2419.384	4.12	Malpighian tubule	3R:+:834463-834534	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_41742	FVNEAVLCLEEK	AGAP007784-PB	C8(Carbamidomethyl)	94	6.16E-09	1	1450.727	1.73	Salivary gland	3R:+:836086-836121	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_41892	SYADLYGAPFVPAQTLLDMAK	AGAP007784-PB	M19(Oxidation)	105	4.75E-10	1	2287.133	0.55	Salivary gland	3R:+:836248-836310	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_41912	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	110	1.62E-10	1	1984.014	5.9	Larva	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_42141	FGKPANPPK	AGAP007784-PB	-	30	0.00442805	1	955.540	3.73	Larva	3R:+:835027-835053	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_42312	GIGQVQNGLQGAIK	AGAP007784-PB	N7(Deamidated)	58	9.81E-06	2	1382.775	-0.03	Pupa	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_42527	HCIIATNTSAIPITK	AGAP007784-PB	C2(Carbamidomethyl)	84	3.13E-08	1	1639.883	-0.57	Midgut	3R:+:835372-835416	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_42637	GLIGLFR	AGAP007784-PB	-	43	0.000211538	2	775.482	-0.55	Midgut	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_42827	ELEQVVPK	AGAP007784-PB	-	44	0.000291623	2	941.530	0.05	Head	3R:+:835348-835371	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_44011	GLIGLFR	AGAP007784-PB	-	41	0.00029839	2	775.485	2.67	Head	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_44640	ISAIERDQILSNLTSTLSYEPFR	AGAP007784-PB	-	68	1.37E-06	1	2653.385	0.51	Malpighian tubule	3R:+:835216-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_45350	VVITVGDGPGFYTTR	AGAP007784-PB	-	71	8.74E-07	1	1581.829	1.39	Salivary gland	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_45979	FSGGNLGVMEDLVK	AGAP007784-PB	M9(Oxidation)	84	5.58E-08	1	1465.737	0.59	Visceras	3R:+:835873-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB

JHU_Ag_46198	LTSIPTALDLALTGK	AGAP007784-PB	-	66	6.03E-07	2	1513.886	1.33	Ovary	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_46754	MQLLEIITHPGTSK	AGAP007784-PB	M1(Oxidation)	89	1.41E-08	1	1583.845	-0.96	Salivary gland	3R:+:835483-835524	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_47007	VNSLNAEVQSEFDAVLR	AGAP007784-PB	-	110	1.76E-10	2	1890.968	6.68	Malpighian tubule	3R:+:834145-834195	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_47011	ILDSPLEGDVGAVFGLGFPPFTGGPFR	AGAP007784-PB	-	49	0.000107259	1	2762.424	1.65	Malpighian tubule	3R:+:836122-836202	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_47014	MSGGLYPAPLK	AGAP007784-PB	M1(Oxidation)	65	4.84E-06	2	1149.601	3.63	Larva	3R:+:834844-834876	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_49234	MQLLEIITHPGTSK	AGAP007784-PB	M1(Oxidation)	40	0.000722149	2	1583.857	6.71	Larva	3R:+:835483-835524	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_49357	GLIGLFR	AGAP007784-PB	-	39	0.000470743	1	775.486	4.25	Ovary	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_51092	LTSIPTALDLALTGK	AGAP007784-PB	-	84	8.98E-09	2	1513.887	2.37	Pupa	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_51803	DTTEAGLGR	AGAP007784-PB	-	56	4.01E-05	2	919.448	-0.22	Salivary gland	3R:+:835138-835164	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_52011	GFGELSQTPQSK	AGAP007784-PB	-	71	1.18E-06	1	1278.635	1.61	Salivary gland	3R:+:834943-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_52083	EVETNPAVSSAVLISGKPGCFVAGADITMLEQCK	AGAP007784-PB	C20(Carbamidomethyl), M29(Oxidation), C33(Carbamidomethyl)	115	3.55E-11	1	3594.775	7.19	Visceras	3R:+:834196-834297	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_52523	SYADLYGAPFVPAQTLLDMAKDSSK	AGAP007784-PB	M19(Oxidation)	65	5.02E-06	1	2704.336	6.64	Malpighian tubule	3R:+:836248-836322	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_52901	SYADLYGAPFVPAQTLLDMAK	AGAP007784-PB	M19(Oxidation)	62	9.76E-06	1	2287.140	3.54	Malpighian tubule	3R:+:836248-836310	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_53760	VIKELEQVVPK	AGAP007784-PB	-	43	6.76E-05	2	1281.780	1.45	Head	3R:+:835339-835371	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_54049	ETAAAAVEVGLR	AGAP007784-PB	-	85	3.90E-08	2	1186.643	0.35	Salivary gland	3R:+:835525-835560	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_55609	VIKELEQVVPK	AGAP007784-PB	-	52	9.60E-06	1	1281.783	3.83	Malpighian tubule	3R:+:835339-835371	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_56118	MSGGLYPAPLKILDVIR	AGAP007784-PB	M1(Oxidation)	102	2.14E-10	1	1859.057	5.8	Malpighian tubule	3R:+:834844-834894	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_56597	HCIIATNTSAIPITK	AGAP007784-PB	C2(Carbamidomethyl)	104	3.20E-10	1	1639.886	1.15	Malpighian tubule	3R:+:835372-835416	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_56632	HCIIATNTSAIPITK	AGAP007784-PB	C2(Carbamidomethyl)	122	5.31E-12	1	1639.885	0.85	Salivary gland	3R:+:835372-835416	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_57758	GIGQVQNGLQGAIK	AGAP007784-PB	-	63	2.93E-06	1	1382.781	3.94	Ovary	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_58006	MQLLEIITHPGTSK	AGAP007784-PB	M1(Oxidation)	99	1.15E-09	1	1583.850	2.39	Malpighian tubule	3R:+:835483-835524	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_58114	FVNEAVLCLEEK	AGAP007784-PB	C8(Carbamidomethyl)	58	2.75E-05	2	1450.723	-1.39	Midgut	3R:+:836086-836121	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_58195	VIKELEQVVPK	AGAP007784-PB	-	36	0.000320585	2	1281.778	0.02	Salivary gland	3R:+:835339-835371	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_58220	VTDFAFGIEWVKNK	AGAP007784-PB	-	35	0.003726688	1	1653.870	3.92	Malpighian tubule	3R:+:834769-834810	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_58364	GIGQVQNGLQGAIKR	AGAP007784-PB	Q10(Deamidated),N7(Deamidated)	85	9.41E-09	1	1538.885	5.66	Malpighian tubule	3R:+:835165-835209	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_58366	ILDVIR	AGAP007784-PB	-	34	0.002192058	2	728.467	1.09	Malpighian tubule	3R:+:834877-834894	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_58445	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	41	0.001196376	2	1983.991	-5.73	Ovary	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB

JHU_Ag_60334	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	129	2.15E-12	1	1984.010	3.87	Visceras	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_60534	MSGGLYPAPLK	AGAP007784-PB	M1(Oxidation)	67	2.69E-06	2	1133.602	-0.37	Salivary gland	3R:+:834844-834876	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_60915	KGFGELSQTPQSK	AGAP007784-PB	-	84	6.36E-08	1	1406.733	4.07	Malpighian tubule	3R:+:834940-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_61084	GLIGLFR	AGAP007784-PB	-	40	0.000358 22	2	775.482	-0.71	Male reproductive organs	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_61106	RISAIER	AGAP007784-PB	-	33	0.008828 664	2	844.496	-4.9	Head	3R:+:835213-835233	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_61341	GLIGLFR	AGAP007784-PB	-	49	4.52E-05	1	775.485	2.91	Malpighian tubule	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_62232	ILDVIR	AGAP007784-PB	-	36	0.000709 776	2	728.467	0.33	Male reproductive organs	3R:+:834877-834894	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_62979	FSGGNLGVMEDLVK	AGAP007784-PB	M9(Oxidation)	85	4.33E-08	1	1465.737	0.59	Malpighian tubule	3R:+:835873-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_63718	MSGGLYPAPLK	AGAP007784-PB	M1(Oxidation)	60	1.85E-05	1	1149.598	0.76	Visceras	3R:+:834844-834876	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_63794	VGVDKGQEAGYEAER	AGAP007784-PB	-	113	8.30E-11	1	1607.765	-0.4	Pupa	3R:+:834895-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_63800	EVNQDALAIMK	AGAP007784-PB	-	62	1.28E-05	2	1231.636	0.6	Pupa	3R:+:835984-836016	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_63884	VNSLNAEVQSEFDAVLR	AGAP007784-PB	-	119	2.01E-11	1	1890.961	2.87	Head	3R:+:834145-834195	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_64528	VVITVGDGPGFYTTR	AGAP007784-PB	-	100	1.15E-09	1	1581.829	1.31	Pupa	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_64568	IAAGSSRPENVVGMHYFSPVDK	AGAP007784-PB	M14(Oxidation)	83	6.66E-08	1	2377.157	-1.44	Midgut	3R:+:835417-835482	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_65772	ETAAAAVEVGLR	AGAP007784-PB	-	95	3.90E-09	2	1186.646	2.41	Visceras	3R:+:835525-835560	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_65887	FVNEAVLCLEEK	AGAP007784-PB	C8(Carbamidomethyl)	95	4.78E-09	1	1450.726	0.89	Visceras	3R:+:836086-836121	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_66020	VNSLNAEVQSEFDAVLR	AGAP007784-PB	-	104	7.71E-10	2	1890.958	1.39	Visceras	3R:+:834145-834195	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_66776	FSGGNLGVMEDLVK	AGAP007784-PB	M9(Oxidation)	58	2.55E-05	2	1481.732	0.97	Pupa	3R:+:835873-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_67372	ILDVIR	AGAP007784-PB	-	34	0.002243 117	1	728.468	1.36	Head	3R:+:834877-834894	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_69659	IVDNVMVITLDSPGVK	AGAP007784-PB	M6(Oxidation)	140	9.90E-14	1	1715.929	2.68	Visceras	3R:+:834097-834144	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_69790	MQLLEIITHPGTSK	AGAP007784-PB	M1(Oxidation)	85	2.25E-08	1	1567.850	-0.56	Pupa	3R:+:835483-835524	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_69954	GANSVEDMQLR	AGAP007784-PB	M8(Oxidation)	55	3.49E-05	2	1235.569	-0.01	Pupa	3R:+:836041-836073	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_70268	IVDNVMVITLDSPGVK	AGAP007784-PB	M6(Oxidation)	107	2.16E-10	2	1715.924	-0.59	Midgut	3R:+:834097-834144	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_70305	QTDIVIEAVFENIDIK	AGAP007784-PB	-	48	0.000163 578	2	1846.985	2.72	Visceras	3R:+:835285-835332	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_70718	GLIGLFR	AGAP007784-PB	-	51	3.77E-05	2	775.482	-0.32	Pupa	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_71079	GFGELSQTPQSK	AGAP007784-PB	-	82	1.16E-07	1	1278.633	0.37	Head	3R:+:834943-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_71084	GVFVYSGGR	AGAP007784-PB	-	43	0.000335 858	2	941.485	0.73	Salivary gland	3R:+:835945-835971	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_71125	ELEQVVPK	AGAP007784-PB	-	36	0.001745 105	2	941.530	0.05	Pupa	3R:+:835348-835371	exon=> In CDS Exon 2 of transcript AGAP007784-PB

JHU_Ag_72534	VSHEGQIQFSK	AGAP007784-PB	-	68	2.50E-06	1	1259.642	3.15	Larva	3R:+:834319-834351	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_73321	FSGGNLGVMEDLVK	AGAP007784-PB	M9(Oxidation)	67	2.42E-06	2	1465.729	-4.82	Midgut	3R:+:835873-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_73532	VVITVGDGPGFYTTR	AGAP007784-PB	-	89	1.37E-08	2	1581.828	0.46	Midgut	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_73611	VNSLNAEVQSEFDAVLR	AGAP007784-PB	-	87	3.30E-08	2	1890.961	2.75	Midgut	3R:+:834145-834195	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_73889	VTDFAFGIEWVK	AGAP007784-PB	-	51	8.82E-05	2	1411.728	1.51	Pupa	3R:+:834769-834804	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_74405	FVNEAVLCLEEK	AGAP007784-PB	C8(Carbamidomethyl)	100	1.45E-09	1	1450.721	-2.4	Male reproductive organs	3R:+:836086-836121	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_74470	LLQEGVDPK	AGAP007784-PB	-	52	4.54E-05	1	998.552	0.43	Pupa	3R:+:835723-835749	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_74863	FVNEAVLCLEEK	AGAP007784-PB	C8(Carbamidomethyl)	89	1.98E-08	2	1450.732	4.84	Malpighian tubule	3R:+:836086-836121	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_75260	VGVDKGQEAGYEAER	AGAP007784-PB	-	129	1.94E-12	1	1607.769	1.65	Head	3R:+:834895-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_75497	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	91	3.87E-09	1	2081.139	-1.45	Midgut	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_75559	GVFVYSGGR	AGAP007784-PB	-	45	0.000207129	2	941.484	-0.37	Head	3R:+:835945-835971	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_76005	GIGQVQNGLQGAIK	AGAP007784-PB	Q10(Deamidated),N7(Deamidated)	80	7.41E-08	1	1383.760	0.58	Salivary gland	3R:+:835165-835206	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_76328	ISAIERDQILSNLTSTLSYEPFR	AGAP007784-PB	-	39	0.001118031	3	2653.397	5.13	Head	3R:+:835216-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_76366	GQEAGYEAERK	AGAP007784-PB	-	70	1.31E-06	1	1237.576	-3.81	Head	3R:+:834910-834942	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_78022	LTSIPTALDLALTGK	AGAP007784-PB	-	88	2.94E-09	1	1513.893	6.49	Malpighian tubule	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_78215	WVDQYGAER	AGAP007784-PB	-	55	3.61E-05	1	1123.516	-0.23	Visceras	3R:+:836203-836229	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_78847	SYADLYGAPFVPAQTLLDMAK	AGAP007784-PB	M19(Oxidation)	73	7.37E-07	1	2287.139	3.43	Visceras	3R:+:836248-836310	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_78936	ILSTMLSEAIR	AGAP007784-PB	M5(Oxidation)	72	5.39E-07	2	1233.693	4.83	Malpighian tubule	3R:+:835615-835646,835722-835722	exon=> In CDS Exon 2 and 3 of transcript AGAP007784-PB
JHU_Ag_78980	ETAAAAVEVGLR	AGAP007784-PB	-	57	2.69E-05	2	1186.643	0.04	Pupa	3R:+:835525-835560	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_79691	DTTEAGLGR	AGAP007784-PB	-	32	0.008716715	2	919.449	0.71	Head	3R:+:835138-835164	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_81232	ILDVIR	AGAP007784-PB	-	36	0.001610097	2	728.467	0.58	Visceras	3R:+:834877-834894	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_81610	SYADLYGAPFVPAQTLLDMAK	AGAP007784-PB	M19(Oxidation)	67	3.07E-06	2	2271.128	-3.62	Midgut	3R:+:836248-836310	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_81959	KGFGELSQTPQSK	AGAP007784-PB	-	73	7.38E-07	2	1406.729	1.29	Pupa	3R:+:834940-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_82691	LLQEGVDPKDLDK	AGAP007784-PB	-	74	4.03E-07	1	1469.793	5.67	Malpighian tubule	3R:+:835723-835761	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_83217	KPVVAAINGVCLGGGLELALACHYR	AGAP007784-PB	C11(Carbamidomethyl), C22(Carbamidomethyl)	39	0.000795551	1	2638.416	7.72	Malpighian tubule	3R:+:834367-834441	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_85034	GFGELSQTPQSK	AGAP007784-PB	-	82	1.20E-07	1	1278.633	0.65	Malpighian tubule	3R:+:834943-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_85302	LTSIPTALDLALTGK	AGAP007784-PB	-	112	1.45E-11	1	1513.889	3.82	Head	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB

JHU_Ag_87383	MQLLEIITHPGTSK	AGAP007784-PB	M1(Oxidation), Q2(Deamidated),M1(Oxidation)	86	2.35E-08	1	1583.852	3.71	Head	3R:+:835483-835524	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_87695	IAAGSSRPENVVGMHYFSPVDK	AGAP007784-PB	M14(Oxidation)	119	1.81E-11	1	2377.163	1.18	Visceras	3R:+:835417-835482	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_88819	NRFGKPANPPK	AGAP007784-PB	-	57	1.19E-05	1	1225.684	3.27	Malpighian tubule	3R:+:835021-835053	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_89088	AFGDRFSGGNLGVMEDLVK	AGAP007784-PB	M14(Oxidation)	75	4.61E-07	1	2027.995	4.46	Malpighian tubule	3R:+:835858-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_91133	VTDFAFGIEWVK	AGAP007784-PB	-	79	1.37E-07	2	1411.735	6.44	Malpighian tubule	3R:+:834769-834804	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_91456	FSGGNLGVMEDLVK	AGAP007784-PB	M9(Oxidation)	99	2.07E-09	1	1481.730	-0.35	Head	3R:+:835873-835914	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_92290	VVITVGDGPGFYTTR	AGAP007784-PB	-	89	1.50E-08	1	1581.836	5.24	Larva	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_92766	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	71	1.20E-06	2	1984.006	1.71	Midgut	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_92784	LLQEGVDPK	AGAP007784-PB	-	51	6.26E-05	2	998.551	-0.36	Head	3R:+:835723-835749	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_92857	MSGGLYPAPLK	AGAP007784-PB	M1(Oxidation)	61	1.19E-05	2	1133.602	-0.05	Head	3R:+:834844-834876	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_93377	ELEQVVPK	AGAP007784-PB	-	40	0.000542454	2	941.531	0.25	Salivary gland	3R:+:835348-835371	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_94110	YALQSR	AGAP007784-PB	-	39	0.00141516	2	737.397	3.41	Malpighian tubule	3R:+:836023-836040	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_94542	VSHEGQIQFSK	AGAP007784-PB	-	73	7.01E-07	1	1259.638	-0.04	Visceras	3R:+:834319-834351	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_95914	LLQEGVDPK	AGAP007784-PB	-	53	3.70E-05	1	998.552	0.43	Salivary gland	3R:+:835723-835749	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_96600	HCIIATNTSAIPITK	AGAP007784-PB	C2(Carbamidomethyl)	103	3.95E-10	1	1639.886	1.67	Visceras	3R:+:835372-835416	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_97060	ILDSPLEGDVGAVFGLGFPPFTGGPFR	AGAP007784-PB	-	103	4.40E-10	1	2762.437	6.45	Visceras	3R:+:836122-836202	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_97115	ILSTMLSEAIR	AGAP007784-PB	M5(Oxidation)	90	8.72E-09	1	1233.689	1.67	Salivary gland	3R:+:835615-835646,835722-835722	exon=> In CDS Exon 2 and 3 of transcript AGAP007784-PB
JHU_Ag_97253	VGVDKGQEAGYEAER	AGAP007784-PB	-	134	6.99E-13	1	1607.766	0.13	Visceras	3R:+:834895-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_97396	VNSLNAEVQSEFDAVLR	AGAP007784-PB	-	100	1.74E-09	2	1890.969	6.81	Salivary gland	3R:+:834145-834195	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_97879	ILSTMLSEAIR	AGAP007784-PB	-	77	2.06E-07	2	1233.690	2.06	Midgut	3R:+:835615-835646,835722-835722	exon=> In CDS Exon 2 and 3 of transcript AGAP007784-PB
JHU_Ag_97985	GANSVEDMQLRMVSR	AGAP007784-PB	M8(Oxidation), M12(Oxidation)	38	0.001969109	1	1724.810	2.33	Malpighian tubule	3R:+:836041-836085	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_98095	LTSIPTALDLALTGK	AGAP007784-PB	-	90	1.91E-09	1	1513.887	1.94	Visceras	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_98776	GFGELSQTPQSK	AGAP007784-PB	-	82	1.13E-07	1	1278.632	-0.49	Visceras	3R:+:834943-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_98816	IAAGSSRPENVVGMHYFSPVDK	AGAP007784-PB	M14(Oxidation)	140	1.52E-13	1	2377.162	0.49	Head	3R:+:835417-835482	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_98978	LTSIPTALDLALTGK	AGAP007784-PB	-	86	6.34E-09	2	1513.884	0.04	Midgut	3R:+:834535-834579	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_100166	GLIGLFR	AGAP007784-PB	-	49	4.52E-05	1	775.484	1.42	Salivary gland	3R:+:834979-834999	exon=> In CDS Exon 2 of transcript AGAP007784-PB

JHU_Ag_100612	GVFVYSGGR	AGAP007784-PB	-	49	8.30E-05	1	941.484	0.14	Pupa	3R:+:835945-835971	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_101623	SYADLYGAPFVPAQTLLDMAK	AGAP007784-PB	M19(Oxidation)	63	8.05E-06	1	2287.140	3.86	Ovary	3R:+:836248-836310	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_101860	LGIVDMLVNPLGPGLKPADQNTLEYLEQVAIQVAK	AGAP007784-PB	M6(Oxidation)	106	6.70E-11	1	3763.047	3.12	Malpighian tubule	3R:+:834607-834711	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_102098	VVITVGDGPGFYTTR	AGAP007784-PB	-	99	1.38E-09	1	1581.836	5.71	Malpighian tubule	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_103238	MQLLEIITHPGTSK	AGAP007784-PB	M1(Oxidation)	102	4.52E-10	1	1567.854	2.01	Visceras	3R:+:835483-835524	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_104817	ILDVIR	AGAP007784-PB	-	39	0.000727532	1	728.468	1.67	Salivary gland	3R:+:834877-834894	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_105384	VVITVGDGPGFYTTR	AGAP007784-PB	-	103	6.39E-10	1	1581.826	-1.01	Head	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_107338	ETAAAAVEVGLRQGK	AGAP007784-PB	-	113	4.01E-11	1	1499.824	4.04	Malpighian tubule	3R:+:835525-835569	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_107408	ISAIERDQILSNLTSTLSYEPFR	AGAP007784-PB	-	58	1.37E-05	1	2653.397	5.2	Visceras	3R:+:835216-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_107764	VVITVGDGPGFYTTR	AGAP007784-PB	-	99	1.34E-09	1	1581.831	2.39	Visceras	3R:+:835570-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_108002	VGVDKGQEAGYEAER	AGAP007784-PB	-	83	9.70E-08	1	1607.772	3.7	Larva	3R:+:834895-834939	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_108092	EVNQDALAIMK	AGAP007784-PB	M10(Oxidation)	74	6.97E-07	2	1247.634	2.91	Malpighian tubule	3R:+:835984-836016	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_108637	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	41	0.000310168	2	2081.150	3.83	Pupa	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_108708	WVDQYGAER	AGAP007784-PB	-	50	0.000106391	2	1123.520	2.74	Malpighian tubule	3R:+:836203-836229	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_109574	KGFGELSQTPQSK	AGAP007784-PB	-	94	5.24E-09	1	1406.731	2.68	Head	3R:+:834940-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_109596	EVNQDALAIMK	AGAP007784-PB	M10(Oxidation)	67	3.70E-06	1	1231.639	2.88	Salivary gland	3R:+:835984-836016	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_111031	IAAGSSRPENVVGMHYFSPVDK	AGAP007784-PB	M14(Oxidation)	154	5.74E-15	1	2377.161	0.18	Salivary gland	3R:+:835417-835482	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_112043	EVNQDALAIMK	AGAP007784-PB	M10(Oxidation)	71	1.33E-06	1	1247.633	2.22	Visceras	3R:+:835984-836016	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_113251	FVNEAVLCLEEK	AGAP007784-PB	C8(Carbamidomethyl)	68	2.70E-06	2	1450.727	1.47	Ovary	3R:+:836086-836121	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_113518	GIGQVQNGLQGAIKR	AGAP007784-PB	-	96	9.40E-10	1	1538.878	1.06	Head	3R:+:835165-835209	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_114030	SGKGVFVYSGGR	AGAP007784-PB	-	84	4.30E-08	1	1213.636	3.05	Malpighian tubule	3R:+:835936-835971	exon=> In CDS Exon 3 of transcript AGAP007784-PB
JHU_Ag_114112	KGFGELSQTPQSK	AGAP007784-PB	-	83	6.27E-08	1	1406.731	2.59	Salivary gland	3R:+:834940-834978	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_114340	QGKVVITVGDGPGFYTTR	AGAP007784-PB	-	57	2.10E-05	3	1895.009	3.39	Malpighian tubule	3R:+:835561-835614	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_114600	DTTEAGLGR	AGAP007784-PB	-	56	3.32E-05	2	919.449	0.71	Visceras	3R:+:835138-835164	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_114601	IVDNVMVITLDSPGVK	AGAP007784-PB	M6(Oxidation)	114	2.22E-11	2	1699.941	6.61	Malpighian tubule	3R:+:834097-834144	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_114878	TVVGLPEVMLGLLPGAGGTQR	AGAP007784-PB	M9(Oxidation)	132	3.27E-13	1	2081.144	0.66	Salivary gland	3R:+:834463-834525	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_115866	DQILSNLTSTLSYEPFR	AGAP007784-PB	-	138	2.58E-13	1	1984.009	3.44	Head	3R:+:835234-835284	exon=> In CDS Exon 2 of transcript AGAP007784-PB
JHU_Ag_26390	IQQLALPHVR	AGAP007785-PA	-	65	6.82E-07	1	1174.706	0.51	Male reproductive organs	3R:+:837215-837244	exon=> In CDS Exon 1 of transcript AGAP007785-PA

JHU_Ag_46966	DKPFTVEPNALK	AGAP007785-PA	-	63	6.06E-06	1	1358.732	0.08	Male reproductive organs	3R:+:837785-837820	exon=> In CDS Exon 1 of transcript AGAP007785-PA
JHU_Ag_58419	KPLAALIGR	AGAP007785-PA	-	54	3.34E-06	1	938.614	-0.47	Male reproductive organs	3R:+:837488-837514	exon=> In CDS Exon 1 of transcript AGAP007785-PA
JHU_Ag_77386	IDSLSEPR	AGAP007785-PA	-	41	0.001567164	2	916.473	-0.25	Male reproductive organs	3R:+:837515-837538	exon=> In CDS Exon 1 of transcript AGAP007785-PA
JHU_Ag_78324	LANVQLPAVDK	AGAP007785-PA	-	56	1.23E-05	2	1167.673	-0.41	Male reproductive organs	3R:+:837350-837382	exon=> In CDS Exon 1 of transcript AGAP007785-PA
JHU_Ag_99494	ILELAKPK	AGAP007785-PA	-	42	5.38E-05	2	911.592	-0.7	Male reproductive organs	3R:+:837839-837862	exon=> In CDS Exon 1 of transcript AGAP007785-PA
JHU_Ag_2220	AADVPVDFETFFLSEVNPTLSAPLDDVVR	AGAP007786-PA	-	109	1.16E-10	1	3163.595	3.56	Ovary	3R:-:839713-839627	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_4128	NELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	138	1.43E-13	1	2364.237	2.7	Head	3R:-:839530-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_4196	VTCVHK	AGAP007786-PA	C3(Carbamidomethyl)	31	0.004245902	2	743.388	1.39	Head	3R:-:839293-839276	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_9897	ITCTLIPGDGVGPELVYSVQEVFK	AGAP007786-PA	C3(Carbamidomethyl)	71	9.54E-07	1	2621.360	2.55	Visceras	3R:-:839785-839714	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_11227	GILATPDFSR	AGAP007786-PA	-	33	0.008526859	2	1076.565	-7.49	Head	3R:-:839596-839567	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_11945	LRNELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	159	7.61E-16	1	2633.424	2.97	Visceras	3R:-:839536-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_12497	DLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	Q5(Deamidated),N6(Deamidated),Q13(Deamidated),N9(Deamidated),N18(Deamidated)	149	1.76E-14	1	2228.111	2.41	Head	3R:-:838698-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_15048	EQTEGEYSALEHEAVPGVIECLK	AGAP007786-PA	C21(Carbamidomethyl)	51	0.000136154	2	2588.239	7.82	Salivary gland	3R:-:839437-839369	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_19264	GILATPDFSR	AGAP007786-PA	-	41	0.001329229	1	1076.573	-0.35	Salivary gland	3R:-:839596-839567	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_21907	VITAQK	AGAP007786-PA	-	33	0.003585452	1	659.410	1.87	Visceras	3R:-:839368-839351	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_29973	EQTEGEYSALEHEAVPGVIECLK	AGAP007786-PA	C21(Carbamidomethyl)	114	6.42E-11	1	2588.224	2.06	Visceras	3R:-:839437-839369	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_35198	LRNELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	137	1.21E-13	1	2633.424	2.97	Salivary gland	3R:-:839536-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_38089	AADVPVDFETFFLSEVNPTLSAPLDDVVR	AGAP007786-PA	-	81	7.72E-08	2	3163.591	2.31	Visceras	3R:-:839713-839627	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_39613	DLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	187	3.34E-18	1	2228.110	1.86	Visceras	3R:-:838698-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_40417	DLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	157	2.87E-15	1	2228.108	1.09	Malpighian tubule	3R:-:838698-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_44198	KCEQIAK	AGAP007786-PA	C2(Carbamidomethyl)	44	0.000815979	2	876.460	-0.7	Salivary gland	3R:-:839236-839809,838942-839143	exon=> In CDS Exon 4 and 3 of transcript AGAP007786-PA
JHU_Ag_44378	DLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	59	2.04E-05	1	2228.107	0.48	Male reproductive organs	3R:-:838698-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_45410	NELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	50	6.28E-05	1	2364.250	8.04	Salivary gland	3R:-:839530-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_47155	TKDLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	157	2.06E-15	1	2457.256	3.32	Malpighian tubule	3R:-:838704-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_47949	TGELETLNMK	AGAP007786-PA	M9(Oxidation)	70	1.37E-06	2	1151.560	-1.06	Midgut	3R:-:839566-839537	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_48081	TGELETLNMK	AGAP007786-PA	M9(Oxidation)	48	0.000223006	1	1151.560	-1.06	Ovary	3R:-:839566-839537	exon=> In CDS Exon 3 of transcript AGAP007786-PA

JHU_Ag_49089	TGELETLNMK	AGAP007786-PA	-	39	0.001765501	2	1135.568	1.22	Malpighian tubule	3R:-:839566-839537	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_51755	DLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	93	6.91E-09	1	2228.104	-0.58	Ovary	3R:-:838698-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_52429	TKDLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	135	3.72E-13	1	2457.252	1.53	Visceras	3R:-:838704-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_54417	TGELETLNMK	AGAP007786-PA	M9(Oxidation)	65	3.85E-06	1	1151.562	0.74	Visceras	3R:-:839566-839537	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_54490	DLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	122	9.68E-12	1	2228.107	0.66	Salivary gland	3R:-:838698-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_57104	GILATPDFSR	AGAP007786-PA	-	41	0.001424295	1	1076.573	-0.8	Malpighian tubule	3R:-:839596-839567	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_57186	HVNLLPYSQMIFQAVQNVLR	AGAP007786-PA	-	104	1.87E-10	1	2370.285	3.94	Visceras	3R:-:838779-838720	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_57947	NIANPTAMLLCSSK	AGAP007786-PA	M8(Oxidation), C11(Carbamidomethyl)	101	1.34E-09	1	1535.757	0.85	Salivary gland	3R:-:838830-838789	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_58428	LGDGLFMR	AGAP007786-PA	M7(Oxidation)	76	2.76E-07	2	924.461	-0.03	Salivary gland	3R:-:839260-839237	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_58988	GIDSVVIR	AGAP007786-PA	-	63	1.07E-05	2	858.504	-0.79	Visceras	3R:-:839461-839438	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_59348	FAFDYATK	AGAP007786-PA	-	36	0.003637907	1	962.464	2.36	Visceras	3R:-:839332-839309	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_60843	HTFAEGVGK	AGAP007786-PA	-	37	0.00299598	1	945.479	-0.03	Pupa	3R:-:838857-838831	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_61290	IQFEK	AGAP007786-PA	-	34	0.003927731	1	664.366	-0.32	Visceras	3R:-:839130-839116	exon=> In CDS Exon 4 of transcript AGAP007786-PA
JHU_Ag_61804	NELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	94	3.10E-09	1	2364.242	4.71	Malpighian tubule	3R:-:839530-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_61827	GILATPDFSR	AGAP007786-PA	-	55	4.21E-05	1	1076.574	0.79	Visceras	3R:-:839596-839567	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_67931	NIANPTAMLLCSSK	AGAP007786-PA	M8(Oxidation), C11(Carbamidomethyl)	81	1.27E-07	1	1535.760	2.52	Male reproductive organs	3R:-:838830-838789	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_72655	TGELETLNMK	AGAP007786-PA	M9(Oxidation)	67	3.23E-06	2	1151.560	-0.85	Male reproductive organs	3R:-:839566-839537	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_74666	LRNELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	64	1.89E-06	1	2633.435	7.42	Ovary	3R:-:839536-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_79592	FAFDYATK	AGAP007786-PA	-	30	0.013790316	1	962.462	-0.26	Midgut	3R:-:839332-839309	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_80496	TGELETLNMK	AGAP007786-PA	-	38	0.002393189	2	1135.571	3.91	Head	3R:-:839566-839537	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_82807	HTFAEGVGK	AGAP007786-PA	-	56	3.44E-05	1	945.480	0.82	Visceras	3R:-:838857-838831	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_84734	ITCTLIPGDGVGPELVYSVQEVFK	AGAP007786-PA	C3(Carbamidomethyl)	46	0.000273353	1	2621.361	3.08	Ovary	3R:-:839785-839714	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_86125	HTFAEGVGK	AGAP007786-PA	-	64	5.13E-06	1	945.474	-5.51	Head	3R:-:838857-838831	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_86893	LRNELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	43	0.000219631	1	2633.434	6.86	Pupa	3R:-:839536-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_87780	NIANPTAMLLCSSK	AGAP007786-PA	C11(Carbamidomethyl)," M8(Oxidation), C11(Carbamidomethyl)"	83	8.48E-08	1	1535.754	-0.82	Head	3R:-:838830-838789	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_87837	LGDGLFMR	AGAP007786-PA	M7(Oxidation)	62	7.00E-06	2	908.469	3.92	Visceras	3R:-:839260-839237	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_89332	GIDSVVIR	AGAP007786-PA	-	41	0.001664567	2	858.504	-0.3	Ovary	3R:-:839461-839438	exon=> In CDS Exon 3 of transcript AGAP007786-PA

JHU_Ag_91184	EQTEGEYSALEHEAVPGVIECLK	AGAP007786-PA	C21(Carbamidomethyl)	129	1.95E-12	1	2588.226	2.86	Malpighian tubule	3R:-:839437-839369	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_94499	TKDLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	57	2.31E-05	1	2457.254	2.2	Salivary gland	3R:-:838704-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_94878	GIDSVVIR	AGAP007786-PA	-	42	0.001122797	2	858.504	-0.44	Head	3R:-:839461-839438	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_96467	LRNELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	130	5.06E-13	1	2633.423	2.69	Malpighian tubule	3R:-:839536-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_101228	HVNLLPYSQMIFQAVQNVLR	AGAP007786-PA	M10(Oxidation)	91	4.87E-09	1	2386.272	0.88	Ovary	3R:-:838779-838720	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_102527	FAFDYATKHNR	AGAP007786-PA	-	39	0.001677517	1	1369.664	-0.63	Malpighian tubule	3R:-:839332-839300	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_103002	NELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	163	4.12E-16	1	2364.241	4.4	Visceras	3R:-:839530-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_105505	EQTEGEYSALEHEAVPGVIECLK	AGAP007786-PA	C21(Carbamidomethyl)	93	7.89E-09	1	2588.220	0.74	Head	3R:-:839437-839369	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_107078	HKGIDSVVIR	AGAP007786-PA	-	34	0.001363057	3	1123.660	1.79	Visceras	3R:-:839467-839438	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_108298	NIANPTAMLLCSSK	AGAP007786-PA	C11(Carbamidomethyl),"M8(Oxidation),C11(Carbamidomethyl)"	107	3.58E-10	1	1535.759	1.96	Visceras	3R:-:838830-838789	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_109398	LGDGLFMR	AGAP007786-PA	M7(Oxidation)	76	2.76E-07	2	924.461	-0.16	Head	3R:-:839260-839237	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_109478	HTFAEGVGK	AGAP007786-PA	-	41	0.001053938	1	945.480	1.58	Malpighian tubule	3R:-:838857-838831	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_110945	LRNELDLYANVVHVVSLEGVHTR	AGAP007786-PA	-	113	2.98E-11	1	2633.418	0.93	Midgut	3R:-:839536-839468	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_112710	DLGGQNTTNEFTQAVIHNLR	AGAP007786-PA	-	53	7.15E-05	1	2228.107	0.81	Pupa	3R:-:838698-838639	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_113243	HVNLLPYSQMIFQAVQNVLR	AGAP007786-PA	M10(Oxidation)	88	1.16E-08	1	2386.269	-0.27	Malpighian tubule	3R:-:838779-838720	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_113368	NIANPTAMLLCSSK	AGAP007786-PA	C11(Carbamidomethyl),"M8(Oxidation),C11(Carbamidomethyl)"	77	3.72E-07	1	1535.759	2.04	Malpighian tubule	3R:-:838830-838789	exon=> In CDS Exon 5 of transcript AGAP007786-PA
JHU_Ag_114592	GIDSVVIR	AGAP007786-PA	-	46	0.000506176	2	858.506	1.41	Malpighian tubule	3R:-:839461-839438	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_115801	GILATPDFSR	AGAP007786-PA	-	44	0.000733838	2	1076.573	-0.23	Male reproductive organs	3R:-:839596-839567	exon=> In CDS Exon 3 of transcript AGAP007786-PA
JHU_Ag_26219	TFMGK	AGAP007789-PA	M3(Oxidation)	31	0.004048474	1	599.292	9.93	Head	3R:+:863667-863681	exon=> In CDS Exon 1 of transcript AGAP007789-PA
JHU_Ag_33113	WQLDESR	AGAP007790-PB	-	39	0.001843641	1	933.448	5.88	Malpighian tubule	3R:-:873853-873833	exon=> In CDS Exon 2 of transcript AGAP007790-PB
JHU_Ag_113055	WQLDESR	AGAP007790-PB	-	45	0.000420382	1	933.441	-1.12	Midgut	3R:-:873853-873833	exon=> In CDS Exon 2 of transcript AGAP007790-PB
JHU_Ag_84	NQVICDFNTPPTAGNVCAFDVK	AGAP007790-PB,AGAP007790-PD	C5(Carbamidomethyl),C17(Carbamidomethyl)	145	4.21E-14	1	2467.146	3.29	Malpighian tubule	3R:-:873584-873519;3R:-:873584-873519	exon=> In CDS Exon 3 of transcript AGAP007790-PB;exon=> In CDS Exon 3 of transcript AGAP007790-PD
JHU_Ag_337	IYGWQPEFYEDVDDLPTDMPDDLASHIR	AGAP007790-PB,AGAP007790-PD	M19(Oxidation)	106	2.14E-10	1	3353.502	2.12	Pupa	3R:-:873378-873295;3R:-:873378-873295	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD

JHU_Ag_453	SDVAVWVNMLNDFLAPYADHTLLPGGGK	AGAP007790-PB,AGAP007790-PD	M9(Oxidation)	108	2.02E-10	1	3016.501	4.45	Larva	3R:-:873745-873957,873441-873585;3R:-:873745-873780,873441-873585	exon=> In CDS Exon 3 and 2 of transcript AGAP007790-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007790-PD
JHU_Ag_4099	NQVICDFNTPPTAGNVCAFDVK	AGAP007790-PB,AGAP007790-PD	C5(Carbamidomethyl), C17(Carbamidomethyl)	39	0.001683977	2	2467.139	0.52	Head	3R:-:873584-873519;3R:-:873584-873519	exon=> In CDS Exon 3 of transcript AGAP007790-PB;exon=> In CDS Exon 3 of transcript AGAP007790-PD
JHU_Ag_5408	TTISIECR	AGAP007790-PB,AGAP007790-PD	C7(Carbamidomethyl)	51	0.000153532	2	979.489	1.09	Malpighian tubule	3R:-:873008-872985;3R:-:873008-872985	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_9830	TYEFPTKPEK	AGAP007790-PB,AGAP007790-PD	-	42	0.000922843	1	1239.627	1.51	Head	3R:-:879099-879070;3R:-:879099-879070	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_16003	SLPAPDRR	AGAP007790-PB,AGAP007790-PD	-	35	0.002117258	2	911.506	0.53	Salivary gland	3R:-:873294-873271;3R:-:873294-873271	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_18182	SLPAPDRR	AGAP007790-PB,AGAP007790-PD	-	30	0.005759592	1	911.506	0.06	Malpighian tubule	3R:-:873294-873271;3R:-:873294-873271	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_23331	QVWVTCK	AGAP007790-PB,AGAP007790-PD	C6(Carbamidomethyl)	40	0.001387769	1	920.468	2.52	Malpighian tubule	3R:-:873270-873250;3R:-:873270-873250	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_25762	NQVICDFNTPPTAGNVCAFDVK	AGAP007790-PB,AGAP007790-PD	C5(Carbamidomethyl), C17(Carbamidomethyl),"C5(Carbamidomethyl), N8(Deamidated), C17(Carbamidomethyl)","Q2(Deamidated), C5(Carbamidomethyl), C17(Carbamidomethyl)","N1(Deamidated), C5(Carbamidomethyl), C17(Carbamidomethyl)","C5(Carbamidomethyl), N15(Deamidated), C17(Carbamidomethyl)"	102	7.62E-10	2	2467.129	-3.54	Midgut	3R:-:873584-873519;3R:-:873584-873519	exon=> In CDS Exon 3 of transcript AGAP007790-PB;exon=> In CDS Exon 3 of transcript AGAP007790-PD
JHU_Ag_28033	LNRIYGWQPEFYEDVDDLPTDMPDDLASHIR	AGAP007790-PB,AGAP007790-PD	M22(Oxidation)	73	4.69E-07	1	3736.737	3.85	Malpighian tubule	3R:-:873449-873622,873108-873295;3R:-:873449-873622,873108-873295	exon=> In CDS Exon 4 and 3 of transcript AGAP007790-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007790-PD
JHU_Ag_28888	SLPAPDRR	AGAP007790-PB,AGAP007790-PD	-	31	0.004450325	1	911.506	-0.21	Midgut	3R:-:873294-873271;3R:-:873294-873271	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_34825	RQVWVTCK	AGAP007790-PB,AGAP007790-PD	C7(Carbamidomethyl)	34	0.00647589	1	1076.566	-0.97	Midgut	3R:-:873273-873250;3R:-:873273-873250	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_34848	TYEFPTKPEK	AGAP007790-PB,AGAP007790-PD	-	69	1.73E-06	1	1239.624	-1.64	Midgut	3R:-:879099-879070;3R:-:879099-879070	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD

JHU_Ag_35687	AGSVQLFLR	AGAP007790-PB,AGAP007790-PD	-	83	3.75E-08	2	990.573	-0.34	Midgut	3R:-:872939-872913;3R:-:872939-872913	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_36867	QTLGQYLYNSQDGK	AGAP007790-PB,AGAP007790-PD	-	51	0.000118061	2	1614.778	1.48	Head	3R:-:879069-879028;3R:-:879069-879028	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_45059	TTISIECRAWAK	AGAP007790-PB,AGAP007790-PD	C7(Carbamidomethyl)	58	2.61E-05	1	1435.738	1.43	Malpighian tubule	3R:-:873008-872973;3R:-:873008-872973	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_46018	QTLGQYLYNSQDGKILGR	AGAP007790-PB,AGAP007790-PD	-	117	1.88E-11	1	2054.073	2.9	Malpighian tubule	3R:-:879069-879016;3R:-:879069-879016	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_52015	QVWVTCK	AGAP007790-PB,AGAP007790-PD	C6(Carbamidomethyl)	39	0.001833654	1	920.468	2.52	Midgut	3R:-:873270-873250;3R:-:873270-873250	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_53848	DRAGSVQLFLR	AGAP007790-PB,AGAP007790-PD	-	80	1.04E-07	1	1261.694	-5.51	Midgut	3R:-:872945-872913;3R:-:872945-872913	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_57371	QTLGQYLYNSQDGK	AGAP007790-PB,AGAP007790-PD	-	73	8.65E-07	1	1614.778	1.25	Visceras	3R:-:879069-879028;3R:-:879069-879028	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_58498	AGSVQLFLR	AGAP007790-PB,AGAP007790-PD	-	74	3.11E-07	2	990.572	-1.14	Visceras	3R:-:872939-872913;3R:-:872939-872913	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_63070	IYGWQPEFYEDVDDLPTDMPDDLASHIR	AGAP007790-PB,AGAP007790-PD	M19(Oxidation)	47	0.000151411	1	3353.494	-0.28	Male reproductive organs	3R:-:873378-873295;3R:-:873378-873295	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_69541	NQVICDFNTPPTAGNVCAFDVK	AGAP007790-PB,AGAP007790-PD	C5(Carbamidomethyl), C17(Carbamidomethyl)	35	0.004475607	2	2467.137	-0.37	Visceras	3R:-:873584-873519;3R:-:873584-873519	exon=> In CDS Exon 3 of transcript AGAP007790-PB;exon=> In CDS Exon 3 of transcript AGAP007790-PD
JHU_Ag_73954	TTISIECR	AGAP007790-PB,AGAP007790-PD	C7(Carbamidomethyl)	68	2.68E-06	2	979.488	0.03	Midgut	3R:-:873008-872985;3R:-:873008-872985	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_77010	AGSVQLFLR	AGAP007790-PB,AGAP007790-PD	-	85	2.39E-08	2	990.573	0.21	Male reproductive organs	3R:-:872939-872913;3R:-:872939-872913	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_77160	IYGWQPEFYEDVDDLPTDMPDDLASHIR	AGAP007790-PB,AGAP007790-PD	M19(Oxidation)	199	1.06E-19	1	3337.507	2.32	Malpighian tubule	3R:-:873378-873295;3R:-:873378-873295	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_78221	NLGPCSAAAGYSYNR	AGAP007790-PB,AGAP007790-PD	C5(Carbamidomethyl)	104	4.14E-10	2	1600.713	-2.51	Midgut	3R:-:873518-873474;3R:-:873518-873474	exon=> In CDS Exon 3 of transcript AGAP007790-PB;exon=> In CDS Exon 3 of transcript AGAP007790-PD
JHU_Ag_78454	QTLGQYLYNSQDGK	AGAP007790-PB,AGAP007790-PD	Q11(Deamidated),N9(Deamidated),Q1(Deamidated)	93	7.44E-09	1	1614.776	0.04	Midgut	3R:-:879069-879028;3R:-:879069-879028	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_78998	TYEFPTKPEK	AGAP007790-PB,AGAP007790-PD	-	62	9.91E-06	1	1239.627	1.01	Malpighian tubule	3R:-:879099-879070;3R:-:879099-879070	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_92915	TYEFPTKPEK	AGAP007790-PB,AGAP007790-PD	-	43	0.000680331	1	1239.624	-1.15	Male reproductive organs	3R:-:879099-879070;3R:-:879099-879070	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_94037	QTLGQYLYNSQDGK	AGAP007790-PB,AGAP007790-PD	-	86	4.44E-08	1	1614.778	1.55	Pupa	3R:-:879069-879028;3R:-:879069-879028	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD

JHU_Ag_94223	SDVAVWVNMLNDFLAPYADHTLLPGGGK	AGAP007790-PB,AGAP007790-PD	-	101	9.87E-10	1	3000.499	2.01	Visceras	3R:-:873745-873957,873441-873585;3R:-:873745-873780,873441-873585	exon=> In CDS Exon 3 and 2 of transcript AGAP007790-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007790-PD
JHU_Ag_94292	SDVAVWVNMLNDFLAPYADHTLLPGGGK	AGAP007790-PB,AGAP007790-PD	N8(Deamidated),M9(Oxidation),"M9(Oxidation),N11(Deamidated)"	167	2.50E-16	1	3016.480	-2.47	Midgut	3R:-:873745-873957,873441-873585;3R:-:873745-873780,873441-873585	exon=> In CDS Exon 3 and 2 of transcript AGAP007790-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP007790-PD
JHU_Ag_94652	QTLGQYLYNSQDGK	AGAP007790-PB,AGAP007790-PD	-	107	3.12E-10	1	1614.781	3.29	Malpighian tubule	3R:-:879069-879028;3R:-:879069-879028	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_95492	IYGWQPEFYEDVDDLPTDMPDDLASHIR	AGAP007790-PB,AGAP007790-PD	M19(Oxidation)	42	0.000507763	1	3353.495	0.26	Visceras	3R:-:873378-873295;3R:-:873378-873295	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_95592	QTLGQYLYNSQDGK	AGAP007790-PB,AGAP007790-PD	-	45	0.000553093	2	1614.779	2.01	Larva	3R:-:879069-879028;3R:-:879069-879028	exon=> In CDS Exon 1 of transcript AGAP007790-PB;exon=> In CDS Exon 1 of transcript AGAP007790-PD
JHU_Ag_95742	TTISIECR	AGAP007790-PB,AGAP007790-PD	C7(Carbamidomethyl)	56	4.26E-05	2	979.488	0.35	Male reproductive organs	3R:-:873008-872985;3R:-:873008-872985	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_95884	SAPCIFIK	AGAP007790-PB,AGAP007790-PD	C4(Carbamidomethyl)	33	0.006996859	1	935.504	2.49	Midgut	3R:-:873473-873450;3R:-:873473-873450	exon=> In CDS Exon 3 of transcript AGAP007790-PB;exon=> In CDS Exon 3 of transcript AGAP007790-PD
JHU_Ag_98193	IYGWQPEFYEDVDDLPTDMPDDLASHIR	AGAP007790-PB,AGAP007790-PD	M19(Oxidation)	171	5.25E-17	1	3337.490	-2.83	Midgut	3R:-:873378-873295;3R:-:873378-873295	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_99809	SAPCIFIKLNR	AGAP007790-PB,AGAP007790-PD	C4(Carbamidomethyl)	90	8.28E-09	1	1318.732	1.45	Malpighian tubule	3R:-:873473-873441;3R:-:873473-873441	exon=> In CDS Exon 3 of transcript AGAP007790-PB;exon=> In CDS Exon 3 of transcript AGAP007790-PD
JHU_Ag_109842	AGSVQLFLRID	AGAP007790-PB,AGAP007790-PD	-	48	0.000126619	2	1218.687	2.18	Malpighian tubule	3R:-:872939-872907;3R:-:872939-872907	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_113262	AGSVQLFLR	AGAP007790-PB,AGAP007790-PD	-	70	7.99E-07	2	990.576	2.49	Malpighian tubule	3R:-:872939-872913;3R:-:872939-872913	exon=> In CDS Exon 5 of transcript AGAP007790-PB;exon=> In CDS Exon 5 of transcript AGAP007790-PD
JHU_Ag_116598	IYGWQPEFYEDVDDLPTDMPDDLASHIR	AGAP007790-PB,AGAP007790-PD	M19(Oxidation)	83	4.24E-08	1	3353.503	2.66	Larva	3R:-:873378-873295;3R:-:873378-873295	exon=> In CDS Exon 4 of transcript AGAP007790-PB;exon=> In CDS Exon 4 of transcript AGAP007790-PD
JHU_Ag_41411	PKPVEEPFDQFQQYYR	AGAP007791-PA	-	45	0.00055195	1	2070.999	3.54	Visceras	3R:-:909033-908986	exon=> In CDS Exon 1 of transcript AGAP007791-PA
JHU_Ag_68983	PKPVEEPFDQFQQYYR	AGAP007791-PA	Q10(Deamidated),Q12(Deamidated)	113	8.01E-11	1	2070.989	-1.43	Head	3R:-:909033-908986	exon=> In CDS Exon 1 of transcript AGAP007791-PA
JHU_Ag_94941	PKPVEEPFDQFQQYYR	AGAP007791-PA	-	81	1.25E-07	1	2070.993	0.53	Pupa	3R:-:909033-908986	exon=> In CDS Exon 1 of transcript AGAP007791-PA
JHU_Ag_5275	GFPGYYYPYENSEGYLSPLVAVHFERPVR	AGAP007791-PA,AGAP007791-PB	-	106	3.26E-10	1	3406.654	0.21	Visceras	3R:-:888779-888863,888526-888628;3R:-:888779-888863,888526-888628	exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PB

JHU_Ag_5802	QYGPCTLENHYNYHK	AGAP007791-PA,AGAP007791-PB	C5(Carbamidomethyl)	57	1.52E-05	1	1923.844	0.09	Head	3R:-:889125-889081;3R:-:889125-889081	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_14437	MWTDALDDFLQDYR	AGAP007791-PA,AGAP007791-PB	M1(Oxidation)	119	9.93E-12	2	1804.780	-2.39	Midgut	3R:-:890098-890184,888937-889222;3R:-:890098-890184,888937-889222	exon=> In CDS Exon 4 and 3 of transcript AGAP007791-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007791-PB
JHU_Ag_14759	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	C7(Carbamidomethyl)	69	1.04E-06	2	1807.815	4.7	Salivary gland	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_17364	MWTDALDDFLQDYR	AGAP007791-PA,AGAP007791-PB	M1(Oxidation)	122	6.26E-12	1	1804.790	3.09	Pupa	3R:-:890098-890184,888937-889222;3R:-:890098-890184,888937-889222	exon=> In CDS Exon 4 and 3 of transcript AGAP007791-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007791-PB
JHU_Ag_18526	GMVCDVDIK	AGAP007791-PA,AGAP007791-PB	C4(Carbamidomethyl),"M2(Oxidation), C4(Carbamidomethyl)"	52	5.99E-05	2	1052.475	0.1	Head	3R:-:889152-889126;3R:-:889152-889126	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_19123	MWTDALDDFLQDYR	AGAP007791-PA,AGAP007791-PB	M1(Oxidation)	98	1.19E-09	2	1804.783	-0.77	Salivary gland	3R:-:890098-890184,888937-889222;3R:-:890098-890184,888937-889222	exon=> In CDS Exon 4 and 3 of transcript AGAP007791-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP007791-PB
JHU_Ag_22003	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	Q2(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	96	2.52E-09	1	1807.808	0.85	Head	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_23462	GMVCDVDIK	AGAP007791-PA,AGAP007791-PB	M2(Oxidation), C4(Carbamidomethyl)	66	2.77E-06	1	1052.478	2.77	Larva	3R:-:889152-889126;3R:-:889152-889126	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_30029	WQMDQSLIGTNPGLGFRPLPSEDNVESTLIWYK	AGAP007791-PA,AGAP007791-PB	M3(Oxidation)	75	2.55E-07	1	3807.905	9.36	Larva	3R:-:893461-893565,890065-890123;3R:-:893461-893565,890065-890123	exon=> In CDS Exon 3 and 2 of transcript AGAP007791-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007791-PB
JHU_Ag_36582	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	N6(Deamidated), C7(Carbamidomethyl),"Q2(Deamidated), N6(Deamidated), C7(Carbamidomethyl)"	66	1.52E-06	1	1808.778	-6.85	Visceras	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_37491	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	C7(Carbamidomethyl)	81	6.70E-08	2	1807.810	1.73	Malpighian tubule	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_38252	GIIINIECK	AGAP007791-PA,AGAP007791-PB	C8(Carbamidomethyl)	56	3.41E-05	1	1059.590	3.2	Larva	3R:-:888627-888601;3R:-:888627-888601	exon=> In CDS Exon 6 of transcript AGAP007791-PA;exon=> In CDS Exon 6 of transcript AGAP007791-PB
JHU_Ag_44957	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	C7(Carbamidomethyl)	96	2.49E-09	2	1807.806	-0.29	Pupa	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_49808	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	C7(Carbamidomethyl)	81	7.43E-08	2	1807.806	-0.43	Male reproductive organs	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB

JHU_Ag_52508	ELHTMNTVWVSCEGENAADIENVGQIQYYPR	AGAP007791-PA,AGAP007791-PB	M5(Oxidation), C12(Carbamidomethyl)	55	3.37E-05	1	3639.661	3.56	Larva	3R:-:888948-889229,888695-888783;3R:-:888948-889229,888695-888783	exon=> In CDS Exon 5 and 4 of transcript AGAP007791-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP007791-PB
JHU_Ag_53331	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	C7(Carbamidomethyl)	65	2.74E-06	1	1807.803	-2.23	Midgut	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_55180	QYGPCTLENHYNYHK	AGAP007791-PA,AGAP007791-PB	C5(Carbamidomethyl)	58	1.42E-05	1	1923.843	-0.86	Pupa	3R:-:889125-889081;3R:-:889125-889081	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_64976	GFPGYYYPYENSEGYLSPLVAVHFERPVR	AGAP007791-PA,AGAP007791-PB	-	83	5.71E-08	1	3406.674	6.23	Head	3R:-:888779-888863,888526-888628;3R:-:888779-888863,888526-888628	exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PB
JHU_Ag_66149	GIIINIECK	AGAP007791-PA,AGAP007791-PB	C8(Carbamidomethyl)	64	5.13E-06	2	1059.587	-0.03	Visceras	3R:-:888627-888601;3R:-:888627-888601	exon=> In CDS Exon 6 of transcript AGAP007791-PA;exon=> In CDS Exon 6 of transcript AGAP007791-PB
JHU_Ag_68227	GQNIYNCDYNQPPPK	AGAP007791-PA,AGAP007791-PB	C7(Carbamidomethyl)	82	5.44E-08	1	1807.809	1.33	Larva	3R:-:889197-889153;3R:-:889197-889153	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_69044	QYGPCTLENHYNYHK	AGAP007791-PA,AGAP007791-PB	C5(Carbamidomethyl)	50	8.13E-05	1	1923.850	2.85	Larva	3R:-:889125-889081;3R:-:889125-889081	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_81330	GFPGYYYPYENSEGYLSPLVAVHFERPVR	AGAP007791-PA,AGAP007791-PB	-	118	1.78E-11	1	3406.674	6.02	Larva	3R:-:888779-888863,888526-888628;3R:-:888779-888863,888526-888628	exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PB
JHU_Ag_82952	GIIINIECK	AGAP007791-PA,AGAP007791-PB	C8(Carbamidomethyl)	43	0.000611448	2	1059.588	1.24	Pupa	3R:-:888627-888601;3R:-:888627-888601	exon=> In CDS Exon 6 of transcript AGAP007791-PA;exon=> In CDS Exon 6 of transcript AGAP007791-PB
JHU_Ag_96569	GIIINIECK	AGAP007791-PA,AGAP007791-PB	C8(Carbamidomethyl)	44	0.000518687	2	1059.586	-0.49	Salivary gland	3R:-:888627-888601;3R:-:888627-888601	exon=> In CDS Exon 6 of transcript AGAP007791-PA;exon=> In CDS Exon 6 of transcript AGAP007791-PB
JHU_Ag_96946	QYGPCTLENHYNYHK	AGAP007791-PA,AGAP007791-PB	C5(Carbamidomethyl)	38	0.001399478	1	1923.847	1.52	Visceras	3R:-:889125-889081;3R:-:889125-889081	exon=> In CDS Exon 4 of transcript AGAP007791-PA;exon=> In CDS Exon 4 of transcript AGAP007791-PB
JHU_Ag_97312	GFPGYYYPYENSEGYLSPLVAVHFERPVR	AGAP007791-PA,AGAP007791-PB	-	89	1.39E-08	1	3406.665	3.58	Pupa	3R:-:888779-888863,888526-888628;3R:-:888779-888863,888526-888628	exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP007791-PB
JHU_Ag_97421	GIIINIECK	AGAP007791-PA,AGAP007791-PB	C8(Carbamidomethyl)	45	0.000430433	1	1059.587	0.5	Head	3R:-:888627-888601;3R:-:888627-888601	exon=> In CDS Exon 6 of transcript AGAP007791-PA;exon=> In CDS Exon 6 of transcript AGAP007791-PB

JHU_Ag_99691	WQMDQSLIGTNPGLGFRPLPSEDNVESTLIWYK	AGAP007791-PA,AGAP007791-PB	M3(Oxidation)	41	0.000769986	1	3807.878	2.34	Salivary gland	3R:-:893461-893565,890065-890123;3R:-:893461-893565,890065-890123	exon=> In CDS Exon 3 and 2 of transcript AGAP007791-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007791-PB
JHU_Ag_400	SPATTSVPEPEHESFMR	AGAP007791-PB	M16(Oxidation)	95	3.66E-09	1	1917.868	1.46	Head	3R:-:899163-899113	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_18302	SPATTSVPEPEHESFMR	AGAP007791-PB	M16(Oxidation)	76	2.50E-07	1	1917.862	-1.28	Male reproductive organs	3R:-:899163-899113	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_22081	RKPDPIPFHR	AGAP007791-PB	-	33	0.003653099	1	1262.710	-1.06	Pupa	3R:-:899112-899083	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_41254	SPATTSVPEPEHESFMR	AGAP007791-PB	M16(Oxidation)	44	0.000424447	1	1917.864	-0.68	Salivary gland	3R:-:899163-899113	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_71625	FLYNSDK	AGAP007791-PB	-	38	0.001211034	1	886.430	-0.95	Head	3R:-:899082-899062	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_76696	KPDPIPFHR	AGAP007791-PB	-	58	1.75E-05	1	1106.607	-3.38	Head	3R:-:899109-899083	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_76738	SPATTSVPEPEHESFMR	AGAP007791-PB	M16(Oxidation)	59	1.21E-05	1	1917.856	-4.5	Midgut	3R:-:899163-899113	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_80375	SPATTSVPEPEHESFMR	AGAP007791-PB	M16(Oxidation)	90	1.04E-08	1	1917.864	-0.59	Pupa	3R:-:899163-899113	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_92380	FLYNSDK	AGAP007791-PB	-	41	0.000593139	2	886.429	-1.17	Pupa	3R:-:899082-899062	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_98080	SPATTSVPEPEHESFMR	AGAP007791-PB	M16(Oxidation)	90	1.12E-08	1	1917.867	1.04	Malpighian tubule	3R:-:899163-899113	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_106153	FLYNSDKGTVLGR	AGAP007791-PB	-	65	4.00E-06	1	1469.778	1.96	Malpighian tubule	3R:-:899082-899044	exon=> In CDS Exon 1 of transcript AGAP007791-PB
JHU_Ag_5306	IVSPFLCSPETKPEAR	AGAP007792-PA	C7(Carbamidomethyl)	69	1.71E-06	1	1830.944	1.06	Head	3R:-:922457-922410	exon=> In CDS Exon 10 of transcript AGAP007792-PA
JHU_Ag_502	TGQMVEQDRNIYISNGLAWNR	AGAP007793-PA	M4(Oxidation), N15(Deamidated),M4(Oxidation)	102	1.08E-09	1	2465.198	-0.39	Midgut	3R:-:1056269-1056207	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_1001	NIYISNGLAWNR	AGAP007793-PA	N6(Deamidated)	77	3.44E-07	2	1421.717	0.15	Midgut	3R:-:1056242-1056207	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_7566	NLTGPQEEPAGAVFK	AGAP007793-PA	-	83	7.74E-08	1	1557.791	0.15	Male reproductive organs	3R:-:1055738-1055694	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_9122	ELACLGPDHVDNR	AGAP007793-PA	C4(Carbamidomethyl)	65	5.25E-06	1	1495.707	7.57	Midgut	3R:-:1056425-1056387	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_11397	SDCFVIGDTIR	AGAP007793-PA	C3(Carbamidomethyl)	37	0.002407542	2	1282.611	1.33	Malpighian tubule	3R:-:1056509-1056477	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_19260	NLTGPQEEPAGAVFK	AGAP007793-PA	-	38	0.0025489	1	1557.794	1.72	Salivary gland	3R:-:1055738-1055694	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_20502	EYDIDLDGNLINPR	AGAP007793-PA	-	79	2.24E-07	2	1646.803	0.56	Midgut	3R:-:1056158-1056553,1055915-1056043	exon=> In CDS Exon 3 and 2 of transcript AGAP007793-PA
JHU_Ag_23190	LDDLFVTTAAK	AGAP007793-PA	-	69	1.47E-06	1	1193.643	1.53	Male reproductive organs	3R:-:1055771-1055739	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_23715	ILAEYKVPAK	AGAP007793-PA	-	44	0.000147673	2	1131.677	0.02	Male reproductive organs	3R:-:1055834-1055805	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_27920	KILAEYK	AGAP007793-PA	-	31	0.003077526	1	864.519	-0.13	Midgut	3R:-:1055837-1055817	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_28020	EYDIDLDGNLINPR	AGAP007793-PA	-	52	9.05E-05	2	1646.800	-1.45	Male reproductive organs	3R:-:1056158-1056553,1055915-1056043	exon=> In CDS Exon 3 and 2 of transcript AGAP007793-PA

JHU_Ag_31079	QVTSASFGGPK	AGAP007793-PA	-	65	5.40E-06	1	1078.552	-0.63	Midgut	3R:-:1055804-1055772	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_37801	ILAEYKVPAK	AGAP007793-PA	-	41	0.00029669	1	1131.677	-0.45	Midgut	3R:-:1055834-1055805	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_47729	LDDLFVTTAAK	AGAP007793-PA	-	65	4.40E-06	2	1193.645	3.06	Midgut	3R:-:1055771-1055739	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_53792	SDCFVIGDTIR	AGAP007793-PA	C3(Carbamidomethyl)	86	3.91E-08	1	1282.609	-0.39	Midgut	3R:-:1056509-1056477	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_54639	NLTGPQEEPAGAVFK	AGAP007793-PA	-	77	2.92E-07	1	1557.795	2.58	Malpighian tubule	3R:-:1055738-1055694	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_56262	GLAMNEVVLKD	AGAP007793-PA	-	59	1.75E-05	2	1188.629	0.07	Midgut	3R:-:1055672-1055640	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_56662	NLTGPQEEPAGAVFK	AGAP007793-PA	-	79	1.99E-07	2	1557.792	0.78	Pupa	3R:-:1055738-1055694	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_59097	FATFIVPVK	AGAP007793-PA	-	51	1.80E-05	2	1021.609	0.37	Midgut	3R:-:1056542-1056516	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_71595	LYVGSMLNESAGNPFEK	AGAP007793-PA	M6(Oxidation)	102	1.01E-09	1	1871.889	2.66	Male reproductive organs	3R:-:1056353-1056303	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_71990	ILAEYKVPAK	AGAP007793-PA	-	29	0.00471305	1	1131.678	0.74	Pupa	3R:-:1055834-1055805	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_73486	NLTGPQEEPAGAVFK	AGAP007793-PA	-	107	2.83E-10	2	1557.786	-2.83	Midgut	3R:-:1055738-1055694	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_77755	QSLYYVSLTDAWIHR	AGAP007793-PA	-	89	1.95E-08	2	1851.940	0.81	Midgut	3R:-:1056721-1056677	exon=> In CDS Exon 1 of transcript AGAP007793-PA
JHU_Ag_80933	GRSDCFVIGDTIR	AGAP007793-PA	C5(Carbamidomethyl)	65	4.97E-06	1	1495.733	0.71	Midgut	3R:-:1056515-1056477	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_82051	NLTGPQEEPAGAVFK	AGAP007793-PA	-	63	6.81E-06	2	1557.794	1.87	Head	3R:-:1055738-1055694	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_82279	FYFVDSGANHIKEYDIDLDGNLINPR	AGAP007793-PA	N9(Deamidated)	120	1.54E-11	1	3025.474	1.66	Midgut	3R:-:1056194-1056553,1055915-1056043	exon=> In CDS Exon 3 and 2 of transcript AGAP007793-PA
JHU_Ag_83897	LDDLFVTTAAK	AGAP007793-PA	-	40	0.00121644	2	1193.642	0.61	Pupa	3R:-:1055771-1055739	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_88270	NLTGPQEEPAGAVFK	AGAP007793-PA	-	86	3.94E-08	2	1557.800	6.1	Visceras	3R:-:1055738-1055694	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_90809	IWYDFKPDGADPGYFGDGMTIDSEGNLYVACFNGYK	AGAP007793-PA	M19(Oxidation), C31(Carbamidomethyl)	50	4.85E-05	3	4098.778	-1.39	Midgut	3R:-:1056042-1055935	exon=> In CDS Exon 3 of transcript AGAP007793-PA
JHU_Ag_91593	FYFVDSGANHIK	AGAP007793-PA	N9(Deamidated)	66	2.93E-06	1	1397.696	7.77	Midgut	3R:-:1056194-1056159	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_93160	FATFIVPVK	AGAP007793-PA	-	55	8.64E-06	2	1021.608	-0.29	Male reproductive organs	3R:-:1056542-1056516	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_95380	SDCFVIGDTIR	AGAP007793-PA	C3(Carbamidomethyl)	51	9.78E-05	1	1282.612	1.42	Male reproductive organs	3R:-:1056509-1056477	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_96032	LLVIRWDGK	AGAP007793-PA	-	46	7.84E-05	2	1099.676	12.63	Malpighian tubule	3R:-:1056476-1056450	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_98736	ELACLGPDHVDNRFNDGK	AGAP007793-PA	C4(Carbamidomethyl)	78	2.06E-07	1	2056.948	-1.49	Midgut	3R:-:1056425-1056372	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_98786	LDDLFVTTAAK	AGAP007793-PA	-	70	1.31E-06	2	1193.643	1.83	Visceras	3R:-:1055771-1055739	exon=> In CDS Exon 4 of transcript AGAP007793-PA
JHU_Ag_100053	LYVGSMLNESAGNPFEK	AGAP007793-PA	M6(Oxidation)	153	8.62E-15	1	1871.883	-0.67	Midgut	3R:-:1056353-1056303	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_100966	ATGALWR	AGAP007793-PA	-	33	0.00905062	1	774.427	1.23	Midgut	3R:-:1056302-1056282	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_104553	VAAIPPYTELGEGPHWDIAR	AGAP007793-PA	-	77	3.13E-07	1	2192.113	-0.23	Male reproductive organs	3R:-:1056781-1056722	exon=> In CDS Exon 1 of transcript AGAP007793-PA

JHU_Ag_105946	FATFIVPVK	AGAP007793-PA	-	45	6.86E-05	2	1021.610	1.38	Visceras	3R:-:1056542-1056516	exon=> In CDS Exon 2 of transcript AGAP007793-PA
JHU_Ag_110469	VAAIPPYTELGEGPHWDIAR	AGAP007793-PA	-	105	4.29E-10	1	2192.114	0.33	Midgut	3R:-:1056781-1056722	exon=> In CDS Exon 1 of transcript AGAP007793-PA
JHU_Ag_28433	HIIQIDQGGLTLPSR	AGAP007796-PA	-	59	6.57E-06	2	1647.919	0.9	Head	3R:-:1073316-1073822,1072817-1073203	exon=> In CDS Exon 3 and 2 of transcript AGAP007796-PA
JHU_Ag_112466	LELIER	AGAP007801-PA	-	41	0.001581873	2	772.459	3.21	Malpighian tubule	3R:-:1128758-1128741	exon=> In CDS Exon 2 of transcript AGAP007801-PA
JHU_Ag_36178	TNLTEDQLAEFQEAFNLFDNR	AGAP007806-PA	N-Term(Acetyl)	172	7.16E-17	1	2557.188	1.31	Ovary	3R:-:1266225-1266225,1259431-1259725	exon=> In CDS Exon 3 and 2 of transcript AGAP007806-PA
JHU_Ag_36200	TNLTEDQLAEFQEAFNLFDNR	AGAP007806-PA	N-Term(Acetyl)	43	0.000578462	3	2557.180	-1.63	Midgut	3R:-:1266225-1266225,1259431-1259725	exon=> In CDS Exon 3 and 2 of transcript AGAP007806-PA
JHU_Ag_50209	KNNFTSVEEFQEAFNLFDNR	AGAP007806-PB	-	72	8.21E-07	1	2449.144	0.76	Ovary	3R:-:1260414-1260438,1259431-1259725	exon=> In CDS Exon 2 and 1 of transcript AGAP007806-PB
JHU_Ag_4008	TAETADDFIEGLR	AGAP007806-PB,AGAP007806-PA	-	100	1.53E-09	2	1437.686	0.36	Male reproductive organs	3R:-:1259559-1259521;3R:-:1259559-1259521	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_9651	FTMQLKPDER	AGAP007806-PB,AGAP007806-PA	-	48	0.000252008	1	1264.634	-1.32	Midgut	3R:-:1259640-1259611;3R:-:1259640-1259611	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_14605	HLLTTLGEK	AGAP007806-PB,AGAP007806-PA	-	47	0.000100056	1	1011.584	0.24	Ovary	3R:-:1259472-1259446;3R:-:1259472-1259446	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_14678	LGDDEVEQLLQNQEDSQGNVNYEEFVR	AGAP007806-PB,AGAP007806-PA	-	205	3.24E-20	1	3167.435	-1.64	Ovary	3R:-:1259445-1259759,1259267-1259285;3R:-:1259445-1259759,1259267-1259285	exon=> In CDS Exon 3 and 2 of transcript AGAP007806-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007806-PA
JHU_Ag_15101	ALGQNPTESDVK	AGAP007806-PB,AGAP007806-PA	-	83	6.67E-08	1	1258.628	0.14	Head	3R:-:1259679-1259644;3R:-:1259679-1259644	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_17220	ALGQNPTESDVKK	AGAP007806-PB,AGAP007806-PA	-	53	6.41E-05	2	1386.723	0.13	Male reproductive organs	3R:-:1259679-1259641;3R:-:1259679-1259641	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_19128	ALGQNPTESDVKK	AGAP007806-PB,AGAP007806-PA	-	53	7.21E-05	2	1386.721	-0.66	Head	3R:-:1259679-1259641;3R:-:1259679-1259641	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_22361	IQQQQIGECLR	AGAP007806-PB,AGAP007806-PA	C9(Carbamidomethyl)	75	5.01E-07	1	1372.700	0.11	Head	3R:-:1259712-1259680;3R:-:1259712-1259680	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA

JHU_Ag_31097	LGDDEVEQLLQNQEDSQGNVNYEEFVR	AGAP007806-PB,AGAP007806-PA	-	61	8.95E-06	3	3167.450	3.1	Head	3R:-:1259445-1259759,1259267-1259285;3R:-:1259445-1259759,1259267-1259285	exon=> In CDS Exon 3 and 2 of transcript AGAP007806-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007806-PA
JHU_Ag_32956	DASGFISSAELR	AGAP007806-PB,AGAP007806-PA	-	64	5.42E-06	2	1252.622	4.48	Malpighian tubule	3R:-:1259508-1259473;3R:-:1259508-1259473	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_33404	IQQQQIGECLR	AGAP007806-PB,AGAP007806-PA	C9(Carbamidomethyl)	68	2.66E-06	1	1372.698	-1.85	Ovary	3R:-:1259712-1259680;3R:-:1259712-1259680	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_35037	VSFEVFLPIYQAISK	AGAP007806-PB,AGAP007806-PA	-	95	2.23E-09	2	1740.953	-2.22	Midgut	3R:-:1259610-1259566;3R:-:1259610-1259566	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_35955	LGDDEVEQLLQNQEDSQGNVNYEEFVR	AGAP007806-PB,AGAP007806-PA	-	88	1.66E-08	1	3167.459	6.11	Malpighian tubule	3R:-:1259445-1259759,1259267-1259285;3R:-:1259445-1259759,1259267-1259285	exon=> In CDS Exon 3 and 2 of transcript AGAP007806-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007806-PA
JHU_Ag_41116	TAETADDFIEGLR	AGAP007806-PB,AGAP007806-PA	-	100	1.60E-09	2	1437.688	1.8	Head	3R:-:1259559-1259521;3R:-:1259559-1259521	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_44145	DASGFISSAELR	AGAP007806-PB,AGAP007806-PA	-	91	1.08E-08	1	1252.618	0.97	Ovary	3R:-:1259508-1259473;3R:-:1259508-1259473	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_44647	HFDKDASGFISSAELR	AGAP007806-PB,AGAP007806-PA	-	123	8.55E-12	1	1779.867	0.35	Male reproductive organs	3R:-:1259520-1259473;3R:-:1259520-1259473	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_60475	LGDDEVEQLLQNQEDSQGNVNYEEFVR	AGAP007806-PB,AGAP007806-PA	-	96	2.79E-09	1	3167.437	-0.83	Midgut	3R:-:1259445-1259759,1259267-1259285;3R:-:1259445-1259759,1259267-1259285	exon=> In CDS Exon 3 and 2 of transcript AGAP007806-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007806-PA
JHU_Ag_70980	IQQQQIGECLR	AGAP007806-PB,AGAP007806-PA	C9(Carbamidomethyl)	64	5.91E-06	1	1372.701	0.64	Midgut	3R:-:1259712-1259680;3R:-:1259712-1259680	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_80983	VSFEVFLPIYQAISK	AGAP007806-PB,AGAP007806-PA	-	61	4.85E-06	2	1740.966	4.94	Malpighian tubule	3R:-:1259610-1259566;3R:-:1259610-1259566	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_87935	DASGFISSAELR	AGAP007806-PB,AGAP007806-PA	-	97	2.96E-09	1	1252.622	3.8	Midgut	3R:-:1259508-1259473;3R:-:1259508-1259473	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA

JHU_Ag_89996	IQQQQIGECLR	AGAP007806-PB,AGAP007806-PA	C9(Carbamidomethyl)	83	6.62E-08	1	1372.701	0.64	Male reproductive organs	3R:-:1259712-1259680;3R:-:1259712-1259680	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_90909	HLLTTLGEK	AGAP007806-PB,AGAP007806-PA	-	37	0.000887356	1	1011.583	-0.71	Head	3R:-:1259472-1259446;3R:-:1259472-1259446	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_91381	HFDKDASGFISSAELR	AGAP007806-PB,AGAP007806-PA	-	95	5.86E-09	1	1779.868	0.9	Midgut	3R:-:1259520-1259473;3R:-:1259520-1259473	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_94389	TAETADDFIEGLR	AGAP007806-PB,AGAP007806-PA	-	96	3.94E-09	2	1437.688	1.89	Midgut	3R:-:1259559-1259521;3R:-:1259559-1259521	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_97113	ALGQNPTESDVKK	AGAP007806-PB,AGAP007806-PA	-	35	0.0043368	1	1386.722	-0.13	Midgut	3R:-:1259679-1259641;3R:-:1259679-1259641	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_99085	TAETADDFIEGLR	AGAP007806-PB,AGAP007806-PA	-	99	1.79E-09	2	1437.686	-0.07	Ovary	3R:-:1259559-1259521;3R:-:1259559-1259521	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_103755	HLLTTLGEK	AGAP007806-PB,AGAP007806-PA	-	40	0.000432611	1	1011.583	-0.18	Male reproductive organs	3R:-:1259472-1259446;3R:-:1259472-1259446	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_104510	ALGQNPTESDVKK	AGAP007806-PB,AGAP007806-PA	-	60	1.32E-05	1	1386.724	0.83	Malpighian tubule	3R:-:1259679-1259641;3R:-:1259679-1259641	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_109744	TAETADDFIEGLR	AGAP007806-PB,AGAP007806-PA	-	81	1.18E-07	2	1437.686	0.53	Malpighian tubule	3R:-:1259559-1259521;3R:-:1259559-1259521	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_112268	DASGFISSAELR	AGAP007806-PB,AGAP007806-PA	-	90	1.47E-08	1	1252.618	1.07	Head	3R:-:1259508-1259473;3R:-:1259508-1259473	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_113184	VSFEVFLPIYQAISK	AGAP007806-PB,AGAP007806-PA	-	60	7.62E-06	2	1740.957	-0.11	Head	3R:-:1259610-1259566;3R:-:1259610-1259566	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_113252	VSFEVFLPIYQAISK	AGAP007806-PB,AGAP007806-PA	-	115	2.10E-11	1	1740.961	2.13	Ovary	3R:-:1259610-1259566;3R:-:1259610-1259566	exon=> In CDS Exon 2 of transcript AGAP007806-PB;exon=> In CDS Exon 3 of transcript AGAP007806-PA
JHU_Ag_4480	DIEGPVIENISQR	AGAP007807-PA	-	47	0.00021745	2	1469.765	3.52	Midgut	3R:+:1274447-1274455,1274521-1274550	exon=> In CDS Exon 3 and 4 of transcript AGAP007807-PA
JHU_Ag_468	ATGYGVALLAGLFGEHSK	AGAP007809-PA	-	112	7.48E-11	1	1790.943	-0.27	Midgut	3R:-:1328242-1328189	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_547	LVLADGVVYADR	AGAP007809-PA	-	99	1.13E-09	1	1290.707	1.1	Ovary	3R:-:1328626-1328591	exon=> In CDS Exon 1 of transcript AGAP007809-PA

JHU_Ag_4915	VERETFAK	AGAP007809-PA	-	62	1.03E-05	1	979.521	-0.22	Malpighian tubule	3R:-:1329535-1329512	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_5033	LYSGCTVEINNTDAEGR	AGAP007809-PA	C5(Carbamidomethyl)	132	6.55E-13	2	1898.853	-0.8	Head	3R:-:1328677-1328627	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_5702	LVLADGVVYADR	AGAP007809-PA	-	64	3.63E-06	1	1290.706	0.25	Malpighian tubule	3R:-:1328626-1328591	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_6850	YHGAILTNSDEWEEK	AGAP007809-PA	-	56	3.27E-05	2	1791.823	2.34	Malpighian tubule	3R:-:1328521-1328477	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_6920	AVSCLHPAPTDTCSLYLDLAR	AGAP007809-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	105	5.91E-10	1	2360.140	1.3	Malpighian tubule	3R:-:1329511-1329449	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_8281	IIRGEELQQK	AGAP007809-PA	-	46	0.000206441	1	1213.688	-1.39	Midgut	3R:-:1329025-1328996	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_8959	GIVFDTGGLSIK	AGAP007809-PA	-	64	2.93E-06	2	1206.675	1.69	Ovary	3R:-:1328884-1328849	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_9119	ANVILDMATLTGAQGIATGK	AGAP007809-PA	M7(Oxidation)	138	1.56E-13	1	1961.039	0.73	Ovary	3R:-:1328581-1328522	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_9915	HLTELPFER	AGAP007809-PA	-	57	2.15E-05	1	1141.602	1.77	Malpighian tubule	3R:-:1329586-1329560	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_11133	QDLLASACAVAR	AGAP007809-PA	C8(Carbamidomethyl)	84	7.91E-08	2	1274.652	-0.44	Midgut	3R:-:1329325-1329290	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_12490	AALDPPALAVLSHEPK	AGAP007809-PA	-	66	1.48E-06	1	1628.904	2	Head	3R:-:1328965-1328918	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_16080	AVSCLHPAPTDTCSLYLDLAR	AGAP007809-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	61	1.44E-05	1	2360.139	0.75	Male reproductive organs	3R:-:1329511-1329449	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_17442	ATGYGVALLAGLFGEHSK	AGAP007809-PA	-	133	5.34E-13	1	1790.944	0.35	Ovary	3R:-:1328242-1328189	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_18461	HLTELPFER	AGAP007809-PA	-	52	5.48E-05	1	1141.603	2.94	Ovary	3R:-:1329586-1329560	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_19242	ANVILDMATLTGAQGIATGK	AGAP007809-PA	M7(Oxidation)	148	1.45E-14	1	1961.040	1.23	Midgut	3R:-:1328581-1328522	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_19508	DIANQPTVLR	AGAP007809-PA	-	42	0.000481096	2	1126.621	-0.8	Male reproductive organs	3R:-:1328173-1328144	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_20777	LVLADGVVYADR	AGAP007809-PA	-	65	2.95E-06	2	1290.710	3.94	Salivary gland	3R:-:1328626-1328591	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_20937	GATETVAWVGK	AGAP007809-PA	-	51	0.000135 69	1	1118.585	1.02	Male reproductive organs	3R:-:1328917-1328885	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_22602	QDLLASACAVAR	AGAP007809-PA	C8(Carbamidomethyl)	55	5.01E-05	2	1274.651	-1.3	Male reproductive organs	3R:-:1329325-1329290	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_22609	AALDPPALAVLSHEPK	AGAP007809-PA	-	100	6.26E-10	1	1628.901	-0.1	Ovary	3R:-:1328965-1328918	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_24223	AHSITK	AGAP007809-PA	-	36	0.001377715	1	656.374	2.6	Ovary	3R:-:1329400-1329383	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_24779	GFGGIYGVGK	AGAP007809-PA	-	65	3.01E-06	2	954.507	2.48	Salivary gland	3R:-:1328995-1328966	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_25937	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	48	3.76E-05	1	2088.183	0.61	Pupa	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_26947	LVLADGVVYADR	AGAP007809-PA	-	68	1.43E-06	1	1290.710	3.37	Head	3R:-:1328626-1328591	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_27197	GFGGIYGVGK	AGAP007809-PA	-	49	0.000121099	2	954.507	2.55	Male reproductive organs	3R:-:1328995-1328966	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_27384	QNLHAVFCLAENSVGPLATRPDDIHR	AGAP007809-PA	C8(Carbamidomethyl)	66	3.30E-06	1	2930.469	-0.08	Ovary	3R:-:1328755-1328678	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_28792	ATGYGVALLAGLFGEHSK	AGAP007809-PA	-	47	0.000233779	1	1790.946	1.4	Visceras	3R:-:1328242-1328189	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_30044	DIANQPTVLR	AGAP007809-PA	-	61	5.56E-06	1	1126.621	-0.47	Ovary	3R:-:1328173-1328144	exon=> In CDS Exon 1 of transcript AGAP007809-PA

JHU_Ag_30181	AVSCLHPAPTDTCSLYLDLAR	AGAP007809-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	107	3.69E-10	1	2360.146	3.47	Head	3R:-:1329511-1329449	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_30352	GIVFDTGGLSIK	AGAP007809-PA	-	50	6.30E-05	2	1206.674	1.29	Salivary gland	3R:-:1328884-1328849	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_31212	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	110	2.23E-11	1	2088.186	2.28	Malpighian tubule	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_31536	ATGYGVALLAGLFGEHSK	AGAP007809-PA	-	98	1.44E-09	1	1790.949	2.83	Malpighian tubule	3R:-:1328242-1328189	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_32003	DIANQPTVLR	AGAP007809-PA	-	54	3.19E-05	2	1126.622	0.07	Midgut	3R:-:1328173-1328144	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_34834	YHGAILTNSDEWEEK	AGAP007809-PA	-	110	1.03E-10	1	1791.820	0.57	Midgut	3R:-:1328521-1328477	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_36594	DCGGAAAILGGFYAAVK	AGAP007809-PA	C2(Carbamidomethyl)	91	1.14E-08	2	1640.812	1.06	Midgut	3R:-:1328818-1328768	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_40012	ATGYGVALLAGLFGEHSK	AGAP007809-PA	-	88	1.81E-08	1	1790.943	-0.24	Male reproductive organs	3R:-:1328242-1328189	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_40312	GATETVAWVGK	AGAP007809-PA	-	49	0.000197378	2	1118.584	-0.4	Malpighian tubule	3R:-:1328917-1328885	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_41862	VERETFAK	AGAP007809-PA	-	40	0.001373573	2	979.522	0.96	Ovary	3R:-:1329535-1329512	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_43398	DIANQPTVLR	AGAP007809-PA	-	46	0.000207466	2	1126.623	1.48	Head	3R:-:1328173-1328144	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_44892	LVLADGVVYADR	AGAP007809-PA	-	60	1.01E-05	2	1290.704	-1.07	Male reproductive organs	3R:-:1328626-1328591	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_45590	ANVILDMATLTGAQGIATGK	AGAP007809-PA	M7(Oxidation)	111	6.74E-11	1	1961.043	2.72	Male reproductive organs	3R:-:1328581-1328522	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_46066	LYSGCTVEINNTDAEGR	AGAP007809-PA	C5(Carbamidomethyl)	120	9.75E-12	2	1898.856	0.3	Midgut	3R:-:1328677-1328627	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_47871	ATGYGVALLAGLFGEHSK	AGAP007809-PA	-	47	0.000228458	1	1790.946	1.5	Salivary gland	3R:-:1328242-1328189	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_48796	YHGAILTNSDEWEEK	AGAP007809-PA	-	101	8.08E-10	1	1791.820	1.05	Head	3R:-:1328521-1328477	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_50680	GIVFDTGGLSIK	AGAP007809-PA	-	44	0.000293893	2	1206.675	1.69	Visceras	3R:-:1328884-1328849	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_51924	TAGNGTEPPLKK	AGAP007809-PA	N4(Deamidated)	46	0.000195055	1	1212.660	1.74	Ovary	3R:-:1328137-1328102	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_52721	SGFRQNLHAVFCLAENSVGPLATRPDDIHR	AGAP007809-PA	C12(Carbamidomethyl)	34	0.003827722	1	3377.698	1.88	Malpighian tubule	3R:-:1328767-1328678	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_54466	DCGGAAAILGGFYAAVK	AGAP007809-PA	C2(Carbamidomethyl)	105	4.04E-10	1	1640.814	2.55	Malpighian tubule	3R:-:1328818-1328768	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_55345	AALDPPALAVLSHEPK	AGAP007809-PA	-	91	5.07E-09	1	1628.899	-0.77	Midgut	3R:-:1328965-1328918	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_55869	QDLLASACAVAR	AGAP007809-PA	C8(Carbamidomethyl)	73	7.78E-07	2	1274.650	-1.59	Ovary	3R:-:1329325-1329290	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_57086	GFGGIYGVGK	AGAP007809-PA	-	58	1.59E-05	1	954.505	0.88	Malpighian tubule	3R:-:1328995-1328966	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_58940	MALLKFHR	AGAP007809-PA	N-Term(Acetyl)	29	0.009405 18	1	1057.608	10.04	Head	3R:-:1329667-1329644	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_59622	AALDPPALAVLSHEPK	AGAP007809-PA	-	76	1.70E-07	1	1628.901	0.28	Malpighian tubule	3R:-:1328965-1328918	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_59926	HLTELPFER	AGAP007809-PA	-	52	6.94E-05	1	1141.602	1.45	Midgut	3R:-:1329586-1329560	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_60925	LIQSNTTGVSESIVIVCEK	AGAP007809-PA	C17(Carbamidomethyl)	133	4.61E-13	1	2077.085	0.06	Midgut	3R:-:1329382-1329326	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_61767	AVSCLHPAPTDTCSLYLDLAR	AGAP007809-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	118	2.98E-11	1	2360.140	1.14	Ovary	3R:-:1329511-1329449	exon=> In CDS Exon 1 of transcript AGAP007809-PA

JHU_Ag_62215	TAGNGTEPPLKK	AGAP007809-PA	N4(Deamidated)	59	1.40E-05	1	1213.641	-1.49	Malpighian tubule	3R:-:1328137-1328102	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_63791	LVLADGVVYADRDLK	AGAP007809-PA	-	85	2.14E-08	1	1646.909	-1.47	Male reproductive organs	3R:-:1328626-1328582	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_63805	GATETVAWVGK	AGAP007809-PA	-	58	3.03E-05	1	1118.585	0.91	Head	3R:-:1328917-1328885	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_64459	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	72	1.50E-07	1	2088.188	3.37	Male reproductive organs	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_65399	DIANQPTVLR	AGAP007809-PA	-	65	2.07E-06	1	1126.622	-0.04	Malpighian tubule	3R:-:1328173-1328144	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_66196	GATETVAWVGK	AGAP007809-PA	-	55	5.76E-05	2	1118.584	0.15	Midgut	3R:-:1328917-1328885	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_66572	DIANQPTVLR	AGAP007809-PA	-	46	0.000173114	2	1126.622	0.83	Visceras	3R:-:1328173-1328144	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_67129	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	89	2.94E-09	1	2088.185	1.66	Head	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_67614	DCGGAAAILGGFYAAVK	AGAP007809-PA	C2(Carbamidomethyl)	110	1.25E-10	1	1640.818	4.48	Ovary	3R:-:1328818-1328768	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_70277	TGDMLCPVPYCPELHFSEFNSAVADMK	AGAP007809-PA	M4(Oxidation), C6(Carbamidomethyl), C11(Carbamidomethyl), M26(Oxidation)	29	0.006850807	1	3147.351	-1.79	Midgut	3R:-:1328455-1328375	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_71649	IIRGEELQQK	AGAP007809-PA	-	40	0.000764243	2	1213.692	1.52	Head	3R:-:1329025-1328996	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_71995	QNLHAVFCLAENSVGPLATRPDDIHR	AGAP007809-PA	C8(Carbamidomethyl)	49	0.000149062	1	2930.472	1.01	Midgut	3R:-:1328755-1328678	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_72564	LYSGCTVEINNTDAEGR	AGAP007809-PA	C5(Carbamidomethyl)	111	8.61E-11	1	1898.854	-0.73	Malpighian tubule	3R:-:1328677-1328627	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_73858	AALDPPALAVLSHEPK	AGAP007809-PA	-	48	0.000109472	2	1628.902	0.95	Visceras	3R:-:1328965-1328918	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_77081	GIVFDTGGLSIK	AGAP007809-PA	-	76	1.93E-07	1	1206.675	1.96	Midgut	3R:-:1328884-1328849	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_77467	QDLLASACAVAR	AGAP007809-PA	C8(Carbamidomethyl)	76	4.31E-07	2	1274.652	0.14	Malpighian tubule	3R:-:1329325-1329290	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_78198	IVDAPCNEMNVSGFLSEVEAIALELGLK	AGAP007809-PA	C6(Carbamidomethyl), M9(Oxidation)	156	2.82E-15	1	3034.520	3.02	Malpighian tubule	3R:-:1329115-1329032	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_79128	AVSCLHPAPTDTCSLYLDLAR	AGAP007809-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	90	1.93E-08	1	2360.148	4.63	Midgut	3R:-:1329511-1329449	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_80152	IIRGEELQQK	AGAP007809-PA	-	52	4.13E-05	1	1213.699	7.16	Male reproductive organs	3R:-:1329025-1328996	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_81916	VAALPLK	AGAP007809-PA	-	53	4.64E-06	1	711.478	2.4	Ovary	3R:-:1329448-1329428	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_86580	LVLADGVVYADRDLK	AGAP007809-PA	-	60	6.82E-06	2	1646.910	-0.58	Midgut	3R:-:1328626-1328582	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_86802	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	118	4.08E-12	1	2088.183	0.79	Ovary	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_86819	LYSGCTVEINNTDAEGR	AGAP007809-PA	C5(Carbamidomethyl)	85	2.92E-08	2	1898.857	1	Salivary gland	3R:-:1328677-1328627	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_88396	VAALPLK	AGAP007809-PA	-	20	0.004037012	1	711.476	-0.97	Salivary gland	3R:-:1329448-1329428	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_89005	GIVFDTGGLSIK	AGAP007809-PA	-	54	2.61E-05	2	1206.676	2.3	Head	3R:-:1328884-1328849	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_92793	YHGAILTNSDEWEEK	AGAP007809-PA	-	90	1.29E-08	2	1791.826	4.39	Ovary	3R:-:1328521-1328477	exon=> In CDS Exon 1 of transcript AGAP007809-PA

JHU_Ag_92795	LYSGCTVEINNTDAEGR	AGAP007809-PA	C5(Carbamidomethyl), N10(Deamidated),"C5(Carbamidomethyl), N11(Deamidated)",C5(Carbamidomethyl)	117	1.91E-11	2	1898.855	-0.09	Ovary	3R:-:1328677-1328627	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_94518	ANVILDMATLTGAQGIATGK	AGAP007809-PA	M7(Oxidation)	161	8.21E-16	1	1961.035	-1.2	Malpighian tubule	3R:-:1328581-1328522	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_94809	GFGGIYGVGK	AGAP007809-PA	-	52	6.24E-05	1	954.505	0.56	Ovary	3R:-:1328995-1328966	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_100973	ATGYGVALLAGLFGEHSK	AGAP007809-PA	-	40	0.000989285	1	1790.950	3.64	Head	3R:-:1328242-1328189	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_101774	QNLHAVFCLAENSVGPLATRPDDIHR	AGAP007809-PA	C8(Carbamidomethyl)	78	1.93E-07	1	2930.480	3.59	Visceras	3R:-:1328755-1328678	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_102315	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	71	2.03E-07	1	2088.183	1.03	Visceras	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_104363	VAALPLK	AGAP007809-PA	-	42	5.79E-05	1	711.477	1.28	Malpighian tubule	3R:-:1329448-1329428	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_105013	GIVFDTGGLSIK	AGAP007809-PA	-	80	7.59E-08	1	1206.674	0.58	Malpighian tubule	3R:-:1328884-1328849	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_106533	HLTELPFER	AGAP007809-PA	-	52	6.56E-05	1	1141.599	-1.33	Head	3R:-:1329586-1329560	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_108640	ISSKLEPR	AGAP007809-PA	-	44	0.000570603	1	929.541	-0.34	Malpighian tubule	3R:-:1329559-1329536	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_110088	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	106	6.40E-11	1	2088.180	-0.7	Midgut	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_112678	IIRGEELQQK	AGAP007809-PA	-	49	0.000102046	1	1213.690	-0.09	Ovary	3R:-:1329025-1328996	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_115483	IIRGEELQQK	AGAP007809-PA	-	53	3.98E-05	1	1213.690	-0.09	Malpighian tubule	3R:-:1329025-1328996	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_115510	LVLADGVVYADR	AGAP007809-PA	-	34	0.003540011	1	1290.706	0.31	Midgut	3R:-:1328626-1328591	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_116511	IVDAPCNEMNVSGFLSEVEAIALELGLK	AGAP007809-PA	C6(Carbamidomethyl), M9(Oxidation)	100	1.23E-09	1	3034.514	0.73	Ovary	3R:-:1329115-1329032	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_116933	TLQTTDPHTVPVLIVGQLR	AGAP007809-PA	-	57	4.25E-06	1	2088.186	2.28	Salivary gland	3R:-:1329643-1329587	exon=> In CDS Exon 1 of transcript AGAP007809-PA
JHU_Ag_6716	APSLTVFLTGGAAR	AGAP007810-PA	-	89	1.06E-08	2	1360.766	5.88	Malpighian tubule	3R:-:1319310-1319269	exon=> In CDS Exon 2 of transcript AGAP007810-PA
JHU_Ag_39097	KIQVSAER	AGAP007810-PA	Q3(Deamidated)	39	0.002210354	2	931.520	-0.29	Salivary gland	3R:-:1322145-1322122	exon=> In CDS Exon 1 of transcript AGAP007810-PA
JHU_Ag_66808	TVITPDPNLRIDQVGVPR	AGAP007810-PA	-	36	0.000869097	1	1990.114	2.87	Malpighian tubule	3R:-:1321689-1321636	exon=> In CDS Exon 1 of transcript AGAP007810-PA
JHU_Ag_76282	VTANTAIYYDPDPQR	AGAP007810-PA	-	105	5.34E-10	1	1723.832	1.85	Ovary	3R:-:1319211-1319167	exon=> In CDS Exon 2 of transcript AGAP007810-PA
JHU_Ag_109086	HLRDDDLVIFNR	AGAP007810-PA	-	45	0.000436319	2	1512.795	2.16	Head	3R:-:1321437-1321402	exon=> In CDS Exon 1 of transcript AGAP007810-PA
JHU_Ag_54855	IASGLFLLADHVVWLSR	AGAP007812-PA	-	32	0.002184291	1	1897.068	-0.69	Midgut	3R:+:1326027-1326077	exon=> In CDS Exon 3 of transcript AGAP007812-PA
JHU_Ag_115079	DGSESIETVQLLK	AGAP007812-PA	-	73	7.34E-07	2	1418.737	-0.02	Midgut	3R:+:1325780-1325818	exon=> In CDS Exon 2 of transcript AGAP007812-PA
JHU_Ag_97266	DSPLYDVSAADLLER	AGAP007818-PA	-	47	0.000303051	2	1663.822	2.64	Head	3R:-:1374791-1374747	exon=> In CDS Exon 2 of transcript AGAP007818-PA
JHU_Ag_20361	GGNCDHR	AGAP007821-PA	C4(Carbamidomethyl)	39	0.00016795	1	815.321	-0.83	Head	3R:+:1419505-1419525	exon=> In CDS Exon 3 of transcript AGAP007821-PA
JHU_Ag_70580	SNDCCHNSSCR	AGAP007821-PA	C4(Carbamidomethyl), C5(Carbamidomethyl), C10(Carbamidomethyl)	72	1.22E-08	2	1396.475	-2.83	Head	3R:+:1419526-1419558	exon=> In CDS Exon 3 of transcript AGAP007821-PA

JHU_Ag_80855	YPVPASNLLEDDVEDSDR	AGAP007821-PA	-	140	1.11E-13	1	2033.931	0.75	Head	3R:+:1399730-1399760,1417070-1417092	exon=> In CDS Exon 1 and 2 of transcript AGAP007821-PA
JHU_Ag_95061	CNLWGSNCR	AGAP007821-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	40	0.000433109	1	1166.483	-0.41	Head	3R:+:1419559-1419585	exon=> In CDS Exon 3 of transcript AGAP007821-PA
JHU_Ag_346	ISLSELVR	AGAP007823-PA	-	47	0.000327218	2	916.548	1.46	Salivary gland	3R:+:1438913-1438936	exon=> In CDS Exon 7 of transcript AGAP007823-PA
JHU_Ag_4303	DIIGIAETGSGK	AGAP007825-PA	-	59	2.39E-05	2	1160.615	-0.88	Ovary	3R:+:1474864-1474899	exon=> In CDS Exon 1 of transcript AGAP007825-PA
JHU_Ag_47523	ELAQQIEEETQK	AGAP007825-PA	-	57	2.91E-05	2	1445.712	0.3	Ovary	3R:+:1475011-1475046	exon=> In CDS Exon 1 of transcript AGAP007825-PA
JHU_Ag_53475	FGDVPVTTLLNR	AGAP007825-PA	-	62	6.35E-06	2	1331.732	0.2	Ovary	3R:+:1474126-1474161	exon=> In CDS Exon 1 of transcript AGAP007825-PA
JHU_Ag_62918	DILVATDVAGR	AGAP007825-PA	-	39	0.001852789	2	1129.616	-4.4	Ovary	3R:+:1475719-1475751	exon=> In CDS Exon 1 of transcript AGAP007825-PA
JHU_Ag_65279	KEPLSLEELLAK	AGAP007825-PA	-	41	0.000422952	1	1369.793	-0.68	Head	3R:+:1473958-1473993	exon=> In CDS Exon 1 of transcript AGAP007825-PA
JHU_Ag_67579	FGDVPVTTLLNR	AGAP007825-PA	-	48	0.00012459	2	1331.742	7.62	Malpighian tubule	3R:+:1474126-1474161	exon=> In CDS Exon 1 of transcript AGAP007825-PA
JHU_Ag_90513	LIDVLENR	AGAP007825-PA	-	41	0.000896309	2	971.554	1.8	Ovary	3R:+:1475161-1475184	exon=> In CDS Exon 1 of transcript AGAP007825-PA
JHU_Ag_3467	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N19(Deamidated),"N8(Deamidated), N22(Deamidated)",N8(Deamidated),N19(Deamidated),N29(Deamidated),"N10(Deamidated), N22(Deamidated)","N8(Deamidated), N29(Deamidated)",N10(Deamidated),N22(Deamidated),"N10(Deamidated), N19(Deamidated)","N10(Deamidated), N29(Deamidated)"	202	3.43E-20	1	2980.579	1.39	Head	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_4992	KGVPLYK	AGAP007827-PA,AGAP007827-PB	-	43	9.71E-05	2	804.495	-3.62	Head	3R:+:1485828-1485848;3R:+:1485828-1485848	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_8687	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N22(Deamidated),N8(Deamidated),N19(Deamidated),N29(Deamidated),"N10(Deamidated), N22(Deamidated)","N8(Deamidated), N29(Deamidated)",N10(Deamidated),N22(Deamidated),"N10(Deamidated), N29(Deamidated)"	196	1.49E-19	1	2980.584	2.98	Ovary	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB

JHU_Ag_14059	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	113	2.44E-11	1	1499.869	4.88	Malpighian tubule	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_14303	KGVPLYK	AGAP007827-PA,AGAP007827-PB	-	42	0.000173769	2	804.497	-0.89	Salivary gland	3R:+:1485828-1485848;3R:+:1485828-1485848	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_23820	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N19(Deamidated),"N8(Deamidated), N22(Deamidated)",N8(Deamidated),N29(Deamidated),"N8(Deamidated), N29(Deamidated)",N22(Deamidated)	220	6.16E-22	1	2980.575	-0.15	Salivary gland	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_26360	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	115	1.30E-11	2	1499.866	3.09	Visceras	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_27406	ELDELMLK	AGAP007827-PA,AGAP007827-PB	M6(Oxidation)	59	2.69E-05	1	990.518	0.21	Midgut	3R:+:1485572-1485574,1485720-1485740;3R:+:1485572-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB
JHU_Ag_27909	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M20(Oxidation),"M3(Oxidation), M7(Oxidation)","M3(Oxidation), M7(Oxidation), M20(Oxidation)",M3(Oxidation)	89	2.17E-08	1	2303.117	1.96	Visceras	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_28113	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	63	2.01E-06	2	1499.870	5.7	Salivary gland	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_33020	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N22(Deamidated),N8(Deamidated),N19(Deamidated),N29(Deamidated),"N10(Deamidated), N22(Deamidated)","N8(Deamidated), N29(Deamidated)",N10(Deamidated),N22(Deamidated)	186	1.57E-18	1	2982.549	1.99	Midgut	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_33161	KGVPLYK	AGAP007827-PA,AGAP007827-PB	-	40	0.000239317	2	804.498	-0.05	Pupa	3R:+:1485828-1485848;3R:+:1485828-1485848	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_36615	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N22(Deamidated),N22(Deamidated),N8(Deamidated),N19(Deamidated),N29(Deamidated)	163	3.15E-16	1	2980.577	0.4	Visceras	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_44100	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	34	0.002003355	2	1499.869	4.8	Ovary	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB

JHU_Ag_44272	ELDELMLK	AGAP007827-PA,AGAP007827-PB	M6(Oxidation)	47	0.000266914	1	1006.515	2.84	Male reproductive organs	3R:+:1485572-1485574,1485720-1485740;3R:+:1485572-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB
JHU_Ag_47149	ELDELMLKLDGTENK	AGAP007827-PA,AGAP007827-PB	M6(Oxidation)	47	0.000344954	2	1763.875	1.15	Midgut	3R:+:1485572-1485574,1485720-1485761;3R:+:1485572-1485574,1485720-1485761	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB
JHU_Ag_48056	KGVPLYK	AGAP007827-PA,AGAP007827-PB	-	43	0.000125885	2	804.497	-0.51	Malpighian tubule	3R:+:1485828-1485848;3R:+:1485828-1485848	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_49370	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated),N19(Deamidated),"N8(Deamidated),N22(Deamidated)",N19(Deamidated),N29(Deamidated),"N10(Deamidated),N22(Deamidated)","N8(Deamidated),N29(Deamidated)",N22(Deamidated),"N10(Deamidated),N19(Deamidated)","N10(Deamidated),N29(Deamidated)"	196	2.00E-19	1	2982.546	0.89	Pupa	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_54230	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	108	7.82E-11	1	1499.861	-0.08	Midgut	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_57515	LDGTENK	AGAP007827-PA,AGAP007827-PB	-	35	0.005523 16	1	776.380	2.22	Malpighian tubule	3R:+:1485741-1485761;3R:+:1485741-1485761	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_64063	KGVPLYK	AGAP007827-PA,AGAP007827-PB	-	41	0.000196324	2	804.498	-0.05	Midgut	3R:+:1485828-1485848;3R:+:1485828-1485848	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_66048	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M3(Oxidation),M7(Oxidation),M20(Oxidation)	68	2.11E-06	2	2351.097	0.13	Male reproductive organs	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_66457	KGVPLYK	AGAP007827-PA,AGAP007827-PB	-	38	0.000436489	1	804.500	2.68	Larva	3R:+:1485828-1485848;3R:+:1485828-1485848	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_67136	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	121	3.64E-12	1	1499.866	3.01	Head	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_69959	ELDELMLK	AGAP007827-PA,AGAP007827-PB	M6(Oxidation)	44	0.000545561	2	990.520	2.42	Malpighian tubule	3R:+:1485572-1485574,1485720-1485740;3R:+:1485572-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB

JHU_Ag_70599	IIAPAVLSSNLCVTQQKELDELMLK	AGAP007827-PA,AGAP007827-PB	C12(Carbamidomethyl), M23(Oxidation),C12(Carbamidomethyl)	98	6.39E-10	1	2813.528	4.7	Ovary	3R:+:1485521-1485574,1485720-1485740;3R:+:1485521-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB
JHU_Ag_71515	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M3(Oxidation),M20(Oxidation),"M7(Oxidation), M20(Oxidation)","M3(Oxidation), M20(Oxidation)","M3(Oxidation), M7(Oxidation)","M3(Oxidation), M7(Oxidation), M20(Oxidation)",M7(Oxidation)	105	4.31E-10	2	2335.101	-0.27	Midgut	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_73410	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M3(Oxidation), M20(Oxidation),M20(Oxidation),"M3(Oxidation), M7(Oxidation), M20(Oxidation)","M7(Oxidation), M20(Oxidation)"	76	3.60E-07	2	2351.097	0.13	Pupa	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_78881	LDGTENK	AGAP007827-PA,AGAP007827-PB	-	43	0.001044243	2	776.378	-0.14	Midgut	3R:+:1485741-1485761;3R:+:1485741-1485761	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_79253	GVPLYKHIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N25(Deamidated),N28(Deamidated)	90	1.34E-09	1	3638.984	10.9	Malpighian tubule	3R:+:1485831-1485938;3R:+:1485831-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_79782	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N22(Deamidated)	49	7.87E-05	1	2982.561	5.86	Male reproductive organs	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_82960	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N19(Deamidated),"N8(Deamidated), N22(Deamidated)",N8(Deamidated),N29(Deamidated),"N10(Deamidated), N22(Deamidated)","N8(Deamidated), N29(Deamidated)",N22(Deamidated),"N10(Deamidated), N19(Deamidated)","N10(Deamidated), N29(Deamidated)"	182	3.90E-18	1	2982.559	5.25	Larva	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_85064	IIAPAVLSSNLCVTQQKELDELMLK	AGAP007827-PA,AGAP007827-PB	C12(Carbamidomethyl)	99	5.31E-10	1	2813.535	6.98	Malpighian tubule	3R:+:1485521-1485574,1485720-1485740;3R:+:1485521-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB

JHU_Ag_89149	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M3(Oxidation), M7(Oxidation), M20(Oxidation)	58	2.52E-05	2	2351.094	-1.43	Salivary gland	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_89216	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M20(Oxidation),"M3(Oxidation), M7(Oxidation), M20(Oxidation)"	119	2.07E-11	1	2351.100	1.27	Ovary	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_91816	ELDELMLK	AGAP007827-PA,AGAP007827-PB	M6(Oxidation)	46	0.000407692	1	1006.517	3.99	Larva	3R:+:1485572-1485574,1485720-1485740;3R:+:1485572-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB
JHU_Ag_92357	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M3(Oxidation), M7(Oxidation),"M3(Oxidation), M7(Oxidation), M20(Oxidation)",M3(Oxidation),M7(Oxidation)	128	2.59E-12	1	2351.096	-0.18	Malpighian tubule	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_94563	ELDELMLK	AGAP007827-PA,AGAP007827-PB	M6(Oxidation)	40	0.001636228	2	1006.512	-0.27	Ovary	3R:+:1485572-1485574,1485720-1485740;3R:+:1485572-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB
JHU_Ag_95951	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M3(Oxidation), M7(Oxidation), M20(Oxidation)	108	2.59E-10	1	2351.108	4.59	Larva	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_98127	KGVPLYK	AGAP007827-PA,AGAP007827-PB	-	33	0.001270496	1	804.498	0.1	Ovary	3R:+:1485828-1485848;3R:+:1485828-1485848	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_98355	ELDELMLKLDGTENK	AGAP007827-PA,AGAP007827-PB	-	43	0.000749429	2	1747.886	4.47	Ovary	3R:+:1485572-1485574,1485720-1485761;3R:+:1485572-1485574,1485720-1485761	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB
JHU_Ag_100536	IIAPAVLSSNLCVTQQKELDELMLK	AGAP007827-PA,AGAP007827-PB	C12(Carbamidomethyl)	31	0.003803755	3	2813.524	3.14	Visceras	3R:+:1485521-1485574,1485720-1485740;3R:+:1485521-1485574,1485720-1485740	exon=> In CDS Exon 1 and 2 of transcript AGAP007827-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP007827-PB

JHU_Ag_103864	HIADLAGNGNIILPVPAFNVINGGSHAGNK	AGAP007827-PA,AGAP007827-PB	N8(Deamidated), N19(Deamidated),"N8(Deamidated), N22(Deamidated)",N8(Deamidated),N19(Deamidated),N29(Deamidated),"N10(Deamidated), N22(Deamidated)",N8(Deamidated), N29(Deamidated)",N10(Deamidated),N22(Deamidated),"N10(Deamidated), N29(Deamidated)"	163	3.16E-16	1	2981.569	3.29	Malpighian tubule	3R:+:1485849-1485938;3R:+:1485849-1485938	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_107203	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	106	1.28E-10	2	1499.864	1.87	Pupa	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_110917	LGANAILGVSLAICK	AGAP007827-PA,AGAP007827-PB	C14(Carbamidomethyl)	107	8.41E-11	2	1499.868	4.64	Larva	3R:+:1485768-1485812;3R:+:1485768-1485812	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_117328	LAMQEFMILPTGASSFTEAMK	AGAP007827-PA,AGAP007827-PB	M3(Oxidation), M20(Oxidation),"M3(Oxidation), M7(Oxidation)","M3(Oxidation), M7(Oxidation), M20(Oxidation)","M7(Oxidation), M20(Oxidation)",M3(Oxidation)	112	9.44E-11	2	2351.095	-0.91	Head	3R:+:1485939-1486001;3R:+:1485939-1486001	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB
JHU_Ag_470	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	114	6.39E-11	1	1548.738	1.34	Malpighian tubule	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_712	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	97	1.43E-09	2	2114.131	-1.48	Male reproductive organs	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_1225	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	109	2.07E-10	1	1548.740	2.46	Ovary	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_3450	ACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl), C4(Carbamidomethyl)	59	1.66E-05	1	991.505	-0.97	Pupa	3R:+:1486461-1486484;3R:+:1486461-1486484;3R:+:1486461-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_3611	KACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C3(Carbamidomethyl), C5(Carbamidomethyl)	36	0.002833809	1	1119.601	0.12	Ovary	3R:+:1486458-1486484;3R:+:1486458-1486484;3R:+:1486458-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_4710	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	127	1.54E-12	2	2114.137	1.18	Head	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_5406	AAVPSGASTGVHEALELRDNEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	120	1.56E-11	1	2251.136	1.83	Midgut	3R:+:1485404-1485469;3R:+:1485404-1485469;3R:+:1485404-1485469	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_6029	KACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C3(Carbamidomethyl), C5(Carbamidomethyl)	60	1.54E-05	1	1119.599	-1.84	Pupa	3R:+:1486458-1486484;3R:+:1486458-1486484;3R:+:1486458-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_6488	LAKYNQILR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	31	0.002473431	1	1118.667	-0.94	Head	3R:+:1486665-1486691;3R:+:1486665-1486691;3R:+:1486665-1486691	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_7308	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	48	0.000310941	2	1016.526	-0.36	Visceras	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_8266	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	142	3.33E-14	1	2270.242	3.22	Head	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_9766	LAKYNQILR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	41	0.000239497	1	1118.668	0.15	Malpighian tubule	3R:+:1486665-1486691;3R:+:1486665-1486691;3R:+:1486665-1486691	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_10423	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	128	2.34E-12	1	2235.097	1.7	Visceras	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_10450	ACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl), C4(Carbamidomethyl)	41	0.001535899	1	991.510	3.34	Larva	3R:+:1486461-1486484;3R:+:1486461-1486484;3R:+:1486461-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_10788	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	117	1.24E-11	1	1842.022	3.64	Ovary	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_11541	AAVPSGASTGVHEALELRDNEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	50	0.000167989	1	2251.136	1.85	Salivary gland	3R:+:1485404-1485469;3R:+:1485404-1485469;3R:+:1485404-1485469	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC

JHU_Ag_11840	IATAVEKK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	41	0.000312654	2	859.525	-0.31	Male reproductive organs	3R:+:1486437-1486460;3R:+:1486437-1486460;3R:+:1486437-1486460	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_12402	SDPSAWLTPDALEQMYQGFIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M15(Oxidation)	75	5.22E-07	1	2397.149	2.4	Visceras	3R:+:1486248-1486310;3R:+:1486248-1486310;3R:+:1486248-1486310	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_12410	IATAVEKK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	41	0.000306948	2	859.525	-0.24	Midgut	3R:+:1486437-1486460;3R:+:1486437-1486460;3R:+:1486437-1486460	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_12576	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	127	2.70E-12	1	2547.158	4.65	Larva	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_12849	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	117	3.33E-11	1	2235.101	3.77	Larva	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_13986	KACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C3(Carbamidomethyl), C5(Carbamidomethyl)	51	0.000108675	2	1119.602	0.89	Larva	3R:+:1486458-1486484;3R:+:1486458-1486484;3R:+:1486458-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_14885	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	135	4.99E-13	1	2235.096	1.37	Head	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_15919	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	Q7(Deamidated)	84	3.64E-08	1	1298.733	1.36	Midgut	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_16890	KACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C3(Carbamidomethyl), C5(Carbamidomethyl)	39	0.001751 34	2	1119.601	0.01	Visceras	3R:+:1486458-1486484;3R:+:1486458-1486484;3R:+:1486458-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_17899	YNQILRIEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	105	3.52E-10	1	1803.965	2.52	Malpighian tubule	3R:+:1486674-1486721;3R:+:1486674-1486721;3R:+:1486674-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_18057	AVENINK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	42	0.001289325	1	787.432	1.27	Malpighian tubule	3R:+:1485500-1485520;3R:+:1485500-1485520;3R:+:1485500-1485520	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC

JHU_Ag_18767	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	166	2.95E-16	1	2280.166	2.28	Ovary	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_20408	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	138	8.54E-14	1	1842.018	1.39	Malpighian tubule	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_20694	SDPSAWLTPDALEQMYQGFIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M15(Oxidation)	79	2.20E-07	1	2397.144	0.36	Pupa	3R:+:1486248-1486310;3R:+:1486248-1486310;3R:+:1486248-1486310	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_21522	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	49	0.000162303	2	1139.577	3.3	Larva	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_22840	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	73	4.76E-07	1	1298.730	-0.86	Salivary gland	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_23218	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	56	3.53E-05	1	1139.573	0.09	Head	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_23905	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	159	1.86E-15	1	1764.924	0.22	Midgut	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_24332	KNGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N2(Deamidated), M7(Oxidation),N2(Deamidated),M7(Oxidation)	66	3.28E-06	1	1288.621	-0.37	Midgut	3R:+:1486539-1486571;3R:+:1486539-1486571;3R:+:1486539-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_24587	AKFGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	117	2.72E-11	1	2434.232	2.98	Pupa	3R:+:1486044-1486115;3R:+:1486044-1486115;3R:+:1486044-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_24988	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	124	5.66E-12	1	1764.926	0.91	Male reproductive organs	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_25480	IATAVEKK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	49	4.83E-05	2	859.524	-1.09	Visceras	3R:+:1486437-1486460;3R:+:1486437-1486460;3R:+:1486437-1486460	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_26101	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	66	1.10E-06	1	2270.251	6.85	Larva	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_26904	ACNCLLLKVNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl), C4(Carbamidomethyl)	120	5.06E-12	1	2866.536	2.85	Malpighian tubule	3R:+:1486461-1486538;3R:+:1486461-1486538;3R:+:1486461-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_29261	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl), Q16(Deamidated),"C12(Carbamidomethyl), Q15(Deamidated)",C12(Carbamidomethyl),"N10(Deamidated), C12(Carbamidomethyl)"	126	1.36E-12	1	1842.018	1.53	Pupa	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_29333	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	95	4.67E-09	1	1548.738	0.88	Salivary gland	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_29632	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	130	1.29E-12	1	1764.923	-0.41	Malpighian tubule	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_30500	FGLDATAVGDEGGFAPNILENKEALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	127	1.36E-12	1	3514.809	0.7	Malpighian tubule	3R:+:1486050-1486151;3R:+:1486050-1486151;3R:+:1486050-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_31893	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	129	8.02E-13	1	1894.040	0.33	Salivary gland	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_32171	ACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl), C4(Carbamidomethyl)	60	1.78E-05	1	991.506	0.08	Malpighian tubule	3R:+:1486461-1486484;3R:+:1486461-1486484;3R:+:1486461-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_32771	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	142	2.91E-14	1	2270.246	4.92	Ovary	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_33203	KNGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N2(Deamidated), M7(Oxidation),M7(Oxidation)	51	9.79E-05	2	1289.611	4.11	Larva	3R:+:1486539-1486571;3R:+:1486539-1486571;3R:+:1486539-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_33271	NGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N1(Deamidated), M6(Oxidation),M6(Oxidation)	79	7.33E-08	1	1161.510	-0.49	Midgut	3R:+:1486542-1486571;3R:+:1486542-1486571;3R:+:1486542-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_34682	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	66	2.64E-06	1	1182.626	-0.6	Malpighian tubule	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_34788	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	97	1.15E-09	1	2270.238	1.37	Visceras	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_35929	IATAVEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	42	0.000852 91	2	731.430	0.13	Visceras	3R:+:1486437-1486457;3R:+:1486437-1486457;3R:+:1486437-1486457	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_36408	AGYTGKVEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M11(Oxidation)	160	1.66E-15	1	2126.024	0.86	Malpighian tubule	3R:+:1486152-1486211;3R:+:1486152-1486211;3R:+:1486152-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_37084	KACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C3(Carbamidomethyl), C5(Carbamidomethyl)	40	0.001165 12	1	1119.601	-0.2	Midgut	3R:+:1486458-1486484;3R:+:1486458-1486484;3R:+:1486458-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_37085	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	68	1.67E-06	1	1298.732	0.08	Male reproductive organs	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_37417	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	63	8.58E-06	2	1016.525	-0.49	Head	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_38273	AKFGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	101	8.15E-10	1	2434.241	6.59	Larva	3R:+:1486044-1486115;3R:+:1486044-1486115;3R:+:1486044-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_38515	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	65	3.87E-06	1	1182.631	4.05	Larva	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_42088	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	128	1.30E-12	2	2114.136	0.95	Visceras	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_42260	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	Q3(Deamidated),N12(Deamidated),N2(Deamidated)	143	3.21E-14	1	1894.041	0.85	Midgut	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_42947	NGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N1(Deamidated),M6(Oxidation)	68	8.19E-07	1	1161.511	0.14	Larva	3R:+:1486542-1486571;3R:+:1486542-1486571;3R:+:1486542-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_43634	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	111	9.62E-11	2	2280.169	3.44	Visceras	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_44262	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	109	7.06E-11	2	1842.017	0.86	Larva	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_44614	EGKYDLDFK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	50	9.94E-05	1	1114.538	-3.12	Head	3R:+:1486212-1486238;3R:+:1486212-1486238;3R:+:1486212-1486238	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_44807	AKFGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	88	1.84E-08	1	2434.232	2.68	Head	3R:+:1486044-1486115;3R:+:1486044-1486115;3R:+:1486044-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_45853	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	73	7.54E-07	1	1016.529	2.76	Larva	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_47019	AVENINK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	42	0.001342821	2	787.430	-0.68	Midgut	3R:+:1485500-1485520;3R:+:1485500-1485520;3R:+:1485500-1485520	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_47280	KNGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	46	0.000392498	1	1272.628	1.29	Ovary	3R:+:1486539-1486571;3R:+:1486539-1486571;3R:+:1486539-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_47373	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	124	6.09E-12	1	1548.736	-0.38	Pupa	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_47611	AGYTGKVEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M11(Oxidation)	48	0.000271281	1	2126.031	4.04	Ovary	3R:+:1486152-1486211;3R:+:1486152-1486211;3R:+:1486152-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_47748	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	116	3.58E-11	1	2280.160	-0.09	Midgut	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_48369	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	71	6.58E-07	1	1298.733	1.49	Ovary	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_49059	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	147	1.29E-14	1	1894.041	0.85	Head	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_49794	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	122	1.00E-11	1	1548.742	3.87	Larva	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_51188	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	53	7.34E-05	1	1139.574	0.62	Ovary	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_52308	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	69	1.74E-06	1	1016.528	1.56	Ovary	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_53438	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	115	4.45E-11	1	1548.736	-0.54	Midgut	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_54352	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	54	8.01E-05	1	1016.526	0.49	Salivary gland	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_54448	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	53	6.58E-05	2	1139.572	-0.88	Visceras	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_55190	AAVPSGASTGVHEALELRDNEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	104	6.29E-10	1	2251.132	0.2	Malpighian tubule	3R:+:1485404-1485469;3R:+:1485404-1485469;3R:+:1485404-1485469	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_55639	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	139	1.74E-13	1	2547.150	1.29	Pupa	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_56086	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	162	9.86E-16	1	2235.094	0.61	Malpighian tubule	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_56198	FGLDATAVGDEGGFAPNILENKEALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	81	4.24E-08	1	3514.830	6.64	Ovary	3R:+:1486050-1486151;3R:+:1486050-1486151;3R:+:1486050-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_56431	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	105	4.07E-10	1	1764.931	4.02	Larva	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_56688	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	90	1.50E-08	1	2235.094	0.5	Male reproductive organs	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_58172	AKFGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	76	3.24E-07	1	2434.234	3.73	Midgut	3R:+:1486044-1486115;3R:+:1486044-1486115;3R:+:1486044-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_58987	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	106	2.88E-10	2	1764.931	4.02	Ovary	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_59644	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	153	5.79E-15	1	1764.930	3.19	Visceras	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_59773	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	81	8.52E-08	1	1182.629	2.08	Pupa	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_60729	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	51	8.65E-05	1	1182.628	0.85	Male reproductive organs	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_61332	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	58	2.62E-05	2	1016.526	-0.43	Midgut	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_61872	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	133	3.05E-13	1	1894.040	0.27	Visceras	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_62674	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	65	3.73E-06	1	1182.627	0.43	Ovary	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_63840	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	125	1.80E-12	1	1842.019	1.86	Head	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_64008	NGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M6(Oxidation),"N1(Deamidated), M6(Oxidation)",N1(Deamidated)	79	9.04E-08	1	1145.517	0.82	Malpighian tubule	3R:+:1486542-1486571;3R:+:1486542-1486571;3R:+:1486542-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_64030	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	105	2.13E-10	1	2114.138	2.1	Salivary gland	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_64343	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	169	1.56E-16	1	2547.162	6.28	Salivary gland	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_64806	VNQIGSVTESINAHLLAKK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	46	6.98E-05	1	2022.141	3.5	Ovary	3R:+:1486485-1486541;3R:+:1486485-1486541;3R:+:1486485-1486541	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_64873	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	133	6.95E-13	1	1764.926	1.19	Head	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_65181	AKFGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	140	1.22E-13	1	2434.235	4.16	Visceras	3R:+:1486044-1486115;3R:+:1486044-1486115;3R:+:1486044-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_65282	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	132	3.14E-13	2	2270.239	1.83	Malpighian tubule	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_66523	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	131	1.09E-12	1	2280.165	1.88	Pupa	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_68090	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	145	1.74E-14	1	1894.043	1.69	Malpighian tubule	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_68371	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N4(Deamidated)	139	1.02E-13	1	2114.135	0.37	Pupa	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_68722	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	61	1.16E-05	1	2280.160	-0.29	Salivary gland	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_69185	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	134	2.54E-13	1	1842.018	1.26	Visceras	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_69227	GNPTVEVDLVTDLGLFR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	137	2.18E-13	2	1844.983	3.92	Head	3R:+:1485353-1485403;3R:+:1485353-1485403;3R:+:1485353-1485403	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_69447	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	52	9.06E-05	2	1139.572	-0.98	Salivary gland	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_69539	YNQILR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	41	0.00116739	2	806.452	-0.28	Larva	3R:+:1486674-1486691;3R:+:1486674-1486691;3R:+:1486674-1486691	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_69738	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	66	3.15E-06	1	1182.622	-4.21	Head	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_70110	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	59	1.61E-05	1	1139.573	0.09	Malpighian tubule	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_70811	EGKYDLDFK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	61	8.17E-06	1	1114.542	0.32	Pupa	3R:+:1486212-1486238;3R:+:1486212-1486238;3R:+:1486212-1486238	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_72059	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	135	2.28E-13	1	2114.144	4.76	Larva	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_72246	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	81	1.27E-07	1	1532.743	1.23	Head	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_73307	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	114	5.36E-11	1	2547.148	0.43	Head	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_73527	IATAVEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	41	0.001061459	2	731.429	-1.62	Head	3R:+:1486437-1486457;3R:+:1486437-1486457;3R:+:1486437-1486457	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_75220	GNPTVEVDLVTDLGLFR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	130	9.95E-13	2	1844.983	4.39	Visceras	3R:+:1485353-1485403;3R:+:1485353-1485403;3R:+:1485353-1485403	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_75262	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	73	6.00E-07	1	1182.627	0.02	Visceras	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_75435	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	126	3.44E-12	1	2547.149	0.91	Visceras	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_76142	AAVPSGASTGVHEALELRDNEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	115	4.57E-11	1	2251.131	-0.34	Visceras	3R:+:1485404-1485469;3R:+:1485404-1485469;3R:+:1485404-1485469	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_76434	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	151	9.64E-15	1	2280.160	-0.41	Malpighian tubule	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_77416	SDPSAWLTPDALEQMYQGFIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M15(Oxidation)	44	0.000616749	2	2413.145	2.87	Head	3R:+:1486248-1486310;3R:+:1486248-1486310;3R:+:1486248-1486310	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_77826	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	37	0.002328909	1	1182.624	-2.15	Salivary gland	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_78412	SDPSAWLTPDALEQMYQGFIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M15(Oxidation)	90	1.56E-08	1	2413.148	4.18	Larva	3R:+:1486248-1486310;3R:+:1486248-1486310;3R:+:1486248-1486310	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_79056	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N4(Deamidated),Q7(Deamidated)	71	7.22E-07	1	1298.733	0.93	Head	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_79434	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	65	3.63E-06	2	2280.170	4.19	Larva	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_79995	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	158	1.10E-15	1	2114.139	2.56	Malpighian tubule	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_80650	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	146	3.21E-14	1	2547.146	-0.14	Midgut	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_81284	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	118	8.63E-12	1	1842.017	0.6	Salivary gland	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_83727	AVENINKIIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C19(Carbamidomethyl)	52	2.20E-05	1	2610.437	3.15	Malpighian tubule	3R:+:1485500-1485571;3R:+:1485500-1485571;3R:+:1485500-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_84143	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	66	4.79E-06	2	1016.526	0.12	Male reproductive organs	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_84220	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	116	1.49E-11	1	1894.039	-0.05	Male reproductive organs	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_84731	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	112	4.01E-11	1	1842.018	1.19	Male reproductive organs	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_84849	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	130	5.35E-13	1	1894.047	3.94	Larva	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_85478	IGSEVYHHLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	79	1.53E-07	1	1182.626	-0.6	Midgut	3R:+:1486002-1486031;3R:+:1486002-1486031;3R:+:1486002-1486031	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_86049	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N17(Deamidated),N21(Deamidated)	142	1.05E-13	1	2235.097	1.7	Pupa	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_86322	GNPTVEVDLVTDLGLFR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	130	1.03E-12	2	1844.981	3.13	Pupa	3R:+:1485353-1485403;3R:+:1485353-1485403;3R:+:1485353-1485403	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_86829	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N4(Deamidated),Q7(Deamidated)	79	1.28E-07	1	1298.732	0.74	Pupa	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_87230	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	105	4.59E-10	1	1548.738	1.04	Visceras	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_87370	ACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl),C4(Carbamidomethyl)	46	0.000447 11	2	991.506	-0.35	Salivary gland	3R:+:1486461-1486484;3R:+:1486461-1486484;3R:+:1486461-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_88408	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	126	1.81E-12	1	2114.134	0.14	Ovary	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_88695	ACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl),C4(Carbamidomethyl)	64	6.21E-06	1	991.505	-1.09	Head	3R:+:1486461-1486484;3R:+:1486461-1486484;3R:+:1486461-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_90047	KACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C3(Carbamidomethyl),C5(Carbamidomethyl)	53	6.39E-05	1	1119.601	-0.09	Malpighian tubule	3R:+:1486458-1486484;3R:+:1486458-1486484;3R:+:1486458-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_90114	KNGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M7(Oxidation),N2(Deamidated)	91	1.26E-08	1	1273.610	-0.31	Malpighian tubule	3R:+:1486539-1486571;3R:+:1486539-1486571;3R:+:1486539-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_91713	SDPSAWLTPDALEQMYQGFIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M15(Oxidation)	68	2.57E-06	1	2413.139	0.54	Salivary gland	3R:+:1486248-1486310;3R:+:1486248-1486310;3R:+:1486248-1486310	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_92113	EGKYDLDFK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	53	4.89E-05	1	1114.541	-0.93	Midgut	3R:+:1486212-1486238;3R:+:1486212-1486238;3R:+:1486212-1486238	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_92265	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	72	3.51E-07	1	2270.236	0.4	Salivary gland	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_92268	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	138	2.39E-13	1	1764.925	0.42	Pupa	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_92859	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	87	1.72E-08	1	1298.733	1.11	Visceras	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_93990	ACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl),C4(Carbamidomethyl)	39	0.002071036	2	991.508	1.92	Ovary	3R:+:1486461-1486484;3R:+:1486461-1486484;3R:+:1486461-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_94988	QIFDSRGNPTVEVDLVTDLGLFR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	85	2.29E-08	1	2591.361	5.77	Malpighian tubule	3R:+:1485335-1485403;3R:+:1485335-1485403;3R:+:1485335-1485403	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_96013	GNPTVEVDLVTDLGLFR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	114	4.24E-11	1	1844.979	1.87	Malpighian tubule	3R:+:1485353-1485403;3R:+:1485353-1485403;3R:+:1485353-1485403	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_96536	AKFGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	89	1.40E-08	1	2434.236	4.33	Ovary	3R:+:1486044-1486115;3R:+:1486044-1486115;3R:+:1486044-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_98074	ACNCLLLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl),C4(Carbamidomethyl)	36	0.003966014	2	991.505	-1.77	Visceras	3R:+:1486461-1486484;3R:+:1486461-1486484;3R:+:1486461-1486484	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_98222	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	Q3(Deamidated),N12(Deamidated),N2(Deamidated)	144	2.73E-14	1	1894.038	-0.76	Pupa	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_98358	IATAVEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	46	0.000356372	1	731.430	-0.02	Malpighian tubule	3R:+:1486437-1486457;3R:+:1486437-1486457;3R:+:1486437-1486457	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_98528	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	138	2.44E-13	1	2235.096	1.37	Salivary gland	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_98532	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	117	1.01E-11	1	2270.242	2.9	Pupa	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_98799	NGWGTMVSHR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N1(Deamidated), M6(Oxidation)	79	7.46E-08	1	1161.510	-0.8	Pupa	3R:+:1486542-1486571;3R:+:1486542-1486571;3R:+:1486542-1486571	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_99608	IATAVEKK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	45	0.000116698	2	859.525	0.11	Salivary gland	3R:+:1486437-1486460;3R:+:1486437-1486460;3R:+:1486437-1486460	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_99778	AAVPSGASTGVHEALELRDNEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	56	3.92E-05	1	2251.133	0.87	Pupa	3R:+:1485404-1485469;3R:+:1485404-1485469;3R:+:1485404-1485469	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_99886	YDLDFK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	36	0.001816786	2	800.383	0.04	Ovary	3R:+:1486221-1486238;3R:+:1486221-1486238;3R:+:1486221-1486238	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_100767	SGETEDTFIADLVVGLSTGQIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	145	4.24E-14	1	2280.165	1.96	Head	3R:+:1486572-1486637;3R:+:1486572-1486637;3R:+:1486572-1486637	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_101020	SDPSAWLTPDALEQMYQGFIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M15(Oxidation)	71	1.14E-06	1	2413.133	-2.09	Malpighian tubule	3R:+:1486248-1486310;3R:+:1486248-1486310;3R:+:1486248-1486310	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_101369	AKFGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	111	9.61E-11	1	2434.234	3.51	Malpighian tubule	3R:+:1486044-1486115;3R:+:1486044-1486115;3R:+:1486044-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_102158	VNQIGSVTESINAHLLAKK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	67	7.05E-07	1	2022.134	-0.36	Malpighian tubule	3R:+:1486485-1486541;3R:+:1486485-1486541;3R:+:1486485-1486541	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_103173	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	63	2.83E-06	1	2270.240	1.93	Male reproductive organs	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_103546	SDPSAWLTPDALEQMYQGFIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M15(Oxidation)	112	1.03E-10	1	2397.143	0.05	Midgut	3R:+:1486248-1486310;3R:+:1486248-1486310;3R:+:1486248-1486310	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_103902	YNQILR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	40	0.001035593	1	806.454	2.69	Ovary	3R:+:1486674-1486691;3R:+:1486674-1486691;3R:+:1486674-1486691	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_105243	AAVPSGASTGVHEALELRDNEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	79	1.83E-07	2	2251.137	2.48	Ovary	3R:+:1485404-1485469;3R:+:1485404-1485469;3R:+:1485404-1485469	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_105625	AGYTGK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	34	0.001604362	1	596.304	0.04	Midgut	3R:+:1486152-1486169;3R:+:1486152-1486169;3R:+:1486152-1486169	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_107026	ARQIFDSR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	40	0.001132153	2	992.526	-1.03	Malpighian tubule	3R:+:1485329-1485352;3R:+:1485329-1485352;3R:+:1485329-1485352	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_107574	ACNCLLLKVNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C2(Carbamidomethyl), C4(Carbamidomethyl)	41	0.00050919	1	2866.526	-0.81	Head	3R:+:1486461-1486538;3R:+:1486461-1486538;3R:+:1486461-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_107967	YNQILR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	40	0.001156422	1	806.453	1.18	Malpighian tubule	3R:+:1486674-1486691;3R:+:1486674-1486691;3R:+:1486674-1486691	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_108020	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	N4(Deamidated),Q7(Deamidated)	83	4.35E-08	1	1298.737	4.27	Larva	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_108291	ITANTTIQIVGDDLTVTNPKR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	146	1.49E-14	2	2270.233	-1.07	Midgut	3R:+:1486374-1486436;3R:+:1486374-1486436;3R:+:1486374-1486436	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_108372	YDLDFK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	32	0.003859615	1	800.382	-0.4	Head	3R:+:1486221-1486238;3R:+:1486221-1486238;3R:+:1486221-1486238	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_108522	AVENINK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	43	0.001099052	1	787.430	-0.6	Male reproductive organs	3R:+:1485500-1485520;3R:+:1485500-1485520;3R:+:1485500-1485520	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_108932	IIAPAVLSSNLCVTQQK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	C12(Carbamidomethyl)	134	2.75E-13	1	1842.013	-1.26	Midgut	3R:+:1485521-1485571;3R:+:1485521-1485571;3R:+:1485521-1485571	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_109139	YNQILR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	40	0.001312834	1	806.451	-1.09	Midgut	3R:+:1486674-1486691;3R:+:1486674-1486691;3R:+:1486674-1486691	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC

JHU_Ag_109304	RIATAVEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	31	0.00830206	1	887.527	-4.4	Head	3R:+:1486434-1486457;3R:+:1486434-1486457;3R:+:1486434-1486457	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_109323	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	138	2.61E-13	1	2235.095	0.72	Ovary	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_109510	GNPTVEVDLVTDLGLFR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	117	2.04E-11	1	1844.976	0.09	Midgut	3R:+:1485353-1485403;3R:+:1485353-1485403;3R:+:1485353-1485403	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_109517	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	66	4.22E-06	1	1016.525	-0.67	Pupa	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_109762	VEIGMDVAASEFHK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	M5(Oxidation)	101	1.40E-09	1	1548.736	0.01	Male reproductive organs	3R:+:1486170-1486211;3R:+:1486170-1486211;3R:+:1486170-1486211	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_110032	AAVPSGASTGVHEALELRDNEK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	36	0.003644949	1	2251.126	-2.36	Head	3R:+:1485404-1485469;3R:+:1485404-1485469;3R:+:1485404-1485469	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_110286	FGLDATAVGDEGGFAPNILENK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	128	2.31E-12	1	2235.094	0.28	Midgut	3R:+:1486050-1486115;3R:+:1486050-1486115;3R:+:1486050-1486115	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_110467	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	77	2.46E-07	1	2547.152	2.1	Malpighian tubule	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_110656	GNPTVEVDLVTDLGLFR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	119	1.31E-11	1	1844.973	-1.05	Ovary	3R:+:1485353-1485403;3R:+:1485353-1485403;3R:+:1485353-1485403	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_110671	ITANTTIQIVGDDLTVTNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	125	2.24E-12	1	2114.135	0.37	Midgut	3R:+:1486374-1486433;3R:+:1486374-1486433;3R:+:1486374-1486433	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_112199	AAVPSGASTGVHEALELR	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	123	6.10E-12	1	1764.926	0.91	Salivary gland	3R:+:1485404-1485457;3R:+:1485404-1485457;3R:+:1485404-1485457	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC

JHU_Ag_112328	VNQIGSVTESINAHLLAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	141	6.02E-14	1	1894.037	-1.47	Ovary	3R:+:1486485-1486538;3R:+:1486485-1486538;3R:+:1486485-1486538	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_112605	DFPIVSIEDPFDQDHWDAWSK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	49	0.000167946	1	2547.162	5.98	Ovary	3R:+:1486311-1486373;3R:+:1486311-1486373;3R:+:1486311-1486373	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_113546	ANWHGKGVLK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	52	4.91E-05	1	1109.621	-0.87	Malpighian tubule	3R:+:1485470-1485499;3R:+:1485470-1485499;3R:+:1485470-1485499	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC
JHU_Ag_113763	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	61	1.06E-05	2	1139.573	-0.34	Pupa	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_115306	IEEELGAGAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	70	1.98E-06	1	1016.525	-1.15	Malpighian tubule	3R:+:1486692-1486721;3R:+:1486692-1486721;3R:+:1486692-1486721	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_115436	EALNLIQDAIAK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	Q7(Deamidated)	72	7.76E-07	2	1299.717	0.92	Malpighian tubule	3R:+:1486116-1486151;3R:+:1486116-1486151;3R:+:1486116-1486151	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_115773	EGKYDLDFK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	54	4.63E-05	1	1114.541	-0.67	Malpighian tubule	3R:+:1486212-1486238;3R:+:1486212-1486238;3R:+:1486212-1486238	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_116593	EGKYDLDFK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	56	2.75E-05	1	1114.545	3.39	Larva	3R:+:1486212-1486238;3R:+:1486212-1486238;3R:+:1486212-1486238	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_117115	YDLDFKNPK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	51	0.000110485	1	1139.572	-0.77	Midgut	3R:+:1486221-1486247;3R:+:1486221-1486247;3R:+:1486221-1486247	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_117346	IGSEVYHHLKNVIK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	73	2.05E-07	1	1636.917	0.16	Malpighian tubule	3R:+:1486002-1486043;3R:+:1486002-1486043;3R:+:1486002-1486043	exon=> In CDS Exon 2 of transcript AGAP007827-PA;exon=> In CDS Exon 3 of transcript AGAP007827-PB;exon=> In CDS Exon 2 of transcript AGAP007827-PC
JHU_Ag_117371	AVENINK	AGAP007827-PA,AGAP007827-PB,AGAP007827-PC	-	43	0.000660546	1	787.429	-1.77	Head	3R:+:1485500-1485520;3R:+:1485500-1485520;3R:+:1485500-1485520	exon=> In CDS Exon 1 of transcript AGAP007827-PA;exon=> In CDS Exon 2 of transcript AGAP007827-PB;exon=> In CDS Exon 1 of transcript AGAP007827-PC

JHU_Ag_109989	LSVLK	AGAP007829-PA	-	32	0.002193149	1	559.381	0.12	Salivary gland	3R:-:1497915-1497901	exon=> In CDS Exon 2 of transcript AGAP007829-PA
JHU_Ag_21595	SALNFSPIGLFDDVPPPDDGDETDDVTHPK	AGAP007833-PA	-	40	0.001365243	1	3210.482	2.11	Head	3R:+:1527992-1528081	exon=> In CDS Exon 3 of transcript AGAP007833-PA
JHU_Ag_4954	YISILNIIQGEVNPSQVHQSIQR	AGAP007834-PA	-	100	4.78E-10	1	2636.413	-1.13	Ovary	3R:-:1531118-1531050	exon=> In CDS Exon 3 of transcript AGAP007834-PA
JHU_Ag_52426	DVVDALVQEYEVATK	AGAP007834-PA	-	70	1.60E-06	2	1678.852	-0.9	Ovary	3R:-:1530791-1530747	exon=> In CDS Exon 3 of transcript AGAP007834-PA
JHU_Ag_77505	DVVDALVQEYEVATK	AGAP007834-PA	-	81	1.08E-07	2	1678.863	5.57	Head	3R:-:1530791-1530747	exon=> In CDS Exon 3 of transcript AGAP007834-PA
JHU_Ag_1121	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	61	1.56E-05	1	2019.993	-0.75	Male reproductive organs	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_7453	HVPTLAVLKPGVVTVYENDGAVK	AGAP007841-PA	-	94	1.16E-09	1	2406.341	0.93	Pupa	3R:+:1842074-1842142	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_9059	VFYDSANIR	AGAP007841-PA	-	64	3.33E-06	2	1084.539	-3.09	Midgut	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_9838	DRAEAAIAMEVAEALVK	AGAP007841-PA	M9(Oxidation)	117	2.92E-11	1	1802.938	3.46	Head	3R:+:1842302-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_15601	ELLSNAQTQLSSASGDK	AGAP007841-PA	-	111	1.56E-10	2	1748.867	0.61	Midgut	3R:+:1842251-1842301	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_16857	QVDVPSFSGAFGILPK	AGAP007841-PA	Q1(Deamidated)	103	6.00E-10	1	1661.887	-1.59	Head	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_17184	HVPTLAVLKPGVVTVYENDGAVKK	AGAP007841-PA	-	123	9.39E-13	1	2534.440	2.22	Ovary	3R:+:1842074-1842145	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_18592	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	83	9.45E-08	1	2020.010	7.83	Larva	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_19110	VFYDSANIR	AGAP007841-PA	-	61	6.45E-06	1	1084.539	-2.64	Head	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_19487	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	112	7.73E-11	2	1531.805	1.14	Male reproductive organs	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_20901	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	151	1.34E-14	1	2019.997	1.18	Pupa	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_28276	HVPTLAVLKPGVVTVYENDGAVK	AGAP007841-PA	-	55	8.37E-06	1	2406.350	4.5	Larva	3R:+:1842074-1842142	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_28455	QVDVPSFSGAFGILPK	AGAP007841-PA	-	103	4.85E-10	1	1661.895	3.16	Malpighian tubule	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_28791	IFVSSGTVTVNEDASVQVLAEEAHPVEDLDSSACR	AGAP007841-PA	C34(Carbamidomethyl)	61	8.30E-06	3	3731.772	0.41	Head	3R:+:1842146-1842250	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_33003	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	133	6.89E-13	1	1531.808	3.05	Malpighian tubule	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_39086	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	147	3.74E-14	1	2019.994	-0.27	Midgut	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_39377	VFYDSANIR	AGAP007841-PA	-	66	2.10E-06	1	1084.543	0.96	Visceras	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_41654	HVPTLAVLKPGVVTVYENDGAVKK	AGAP007841-PA	-	167	3.72E-17	1	2534.440	2.32	Malpighian tubule	3R:+:1842074-1842145	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_42656	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	147	3.84E-14	1	2019.991	-1.84	Head	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_46274	HVPTLAVLKPGVVTVYENDGAVKK	AGAP007841-PA	-	138	3.05E-14	1	2534.434	-0.09	Head	3R:+:1842074-1842145	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_46367	HVPTLAVLKPGVVTVYENDGAVK	AGAP007841-PA	-	107	5.20E-11	1	2406.340	0.4	Head	3R:+:1842074-1842142	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_47893	QVDVPSFSGAFGILPK	AGAP007841-PA	-	86	2.47E-08	2	1661.887	-1.91	Midgut	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_50768	HVPTLAVLKPGVVTVYENDGAVKK	AGAP007841-PA	-	116	4.20E-12	1	2534.447	5.02	Larva	3R:+:1842074-1842145	exon=> In CDS Exon 1 of transcript AGAP007841-PA

JHU_Ag_51593	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	118	2.30E-11	1	1531.807	2.01	Ovary	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_60337	DRAEAAIAMEVAEALVK	AGAP007841-PA	M9(Oxidation)	86	3.67E-08	2	1802.941	5.09	Malpighian tubule	3R:+:1842302-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_60699	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	84	5.59E-08	1	1531.816	7.91	Larva	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_64324	ELLSNAQTQLSSASGDK	AGAP007841-PA	-	105	5.16E-10	2	1748.869	1.38	Ovary	3R:+:1842251-1842301	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_70328	QVDVPSFSGAFGILPK	AGAP007841-PA	-	47	0.000202499	1	1661.891	0.88	Salivary gland	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_71176	VFYDSANIR	AGAP007841-PA	-	67	2.01E-06	1	1084.543	0.62	Malpighian tubule	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_72151	HVPTLAVLKPGVVTVYENDGAVKK	AGAP007841-PA	-	133	9.39E-14	1	2534.438	1.55	Pupa	3R:+:1842074-1842145	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_72585	QVDVPSFSGAFGILPK	AGAP007841-PA	-	74	3.61E-07	2	1661.899	5.43	Larva	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_73223	HVPTLAVLKPGVVTVYENDGAVK	AGAP007841-PA	N18(Deamidated)	152	1.50E-15	1	2406.344	1.92	Malpighian tubule	3R:+:1842074-1842142	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_74704	QVDVPSFSGAFGILPK	AGAP007841-PA	-	101	9.45E-10	1	1661.892	1.47	Ovary	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_76254	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	131	9.51E-13	2	1515.814	3.43	Head	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_79088	ELLSNAQTQLSSASGDK	AGAP007841-PA	-	116	5.05E-11	2	1748.868	0.96	Pupa	3R:+:1842251-1842301	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_86637	HVPTLAVLKPGVVTVYENDGAVK	AGAP007841-PA	-	142	1.73E-14	1	2406.339	-0.06	Ovary	3R:+:1842074-1842142	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_91098	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	161	1.45E-15	1	2019.997	1.48	Ovary	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_91545	ELLSNAQTQLSSASGDK	AGAP007841-PA	-	132	1.11E-12	2	1748.869	1.73	Visceras	3R:+:1842251-1842301	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_93565	QVDVPSFSGAFGILPK	AGAP007841-PA	-	97	2.10E-09	1	1661.893	2.2	Pupa	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_95792	HVPTLAVLKPGVVTVYENDGAVKK	AGAP007841-PA	-	123	7.79E-13	1	2534.439	2.03	Visceras	3R:+:1842074-1842145	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_96738	ELLSNAQTQLSSASGDK	AGAP007841-PA	N5(Deamidated),Q7(Deamidated),Q9(Deamidated)	135	5.28E-13	1	1748.872	3.4	Head	3R:+:1842251-1842301	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_96881	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	136	3.06E-13	1	1531.804	-0.06	Midgut	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_98027	VFYDSANIR	AGAP007841-PA	-	63	4.18E-06	1	1084.545	2.87	Larva	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_99797	HVPTLAVLKPGVVTVYENDGAVK	AGAP007841-PA	-	90	2.28E-09	1	2406.350	4.5	Visceras	3R:+:1842074-1842142	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_101397	QVDVPSFSGAFGILPK	AGAP007841-PA	-	110	9.74E-11	1	1661.897	4.04	Visceras	3R:+:1842026-1842073	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_101907	HVPTLAVLKPGVVTVYENDGAVK	AGAP007841-PA	-	59	3.77E-06	1	2406.338	-0.5	Midgut	3R:+:1842074-1842142	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_102189	ELLSNAQTQLSSASGDK	AGAP007841-PA	-	125	6.34E-12	2	1748.868	0.96	Malpighian tubule	3R:+:1842251-1842301	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_102796	VFYDSANIR	AGAP007841-PA	-	59	1.28E-05	1	1084.542	-0.17	Male reproductive organs	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_102840	IFVSSGTVTVNEDASVQVLAEEAHPVEDLDSSACR	AGAP007841-PA	C34(Carbamidomethyl)	62	7.38E-06	1	3731.778	1.88	Visceras	3R:+:1842146-1842250	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_102864	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	140	1.38E-13	1	1531.808	2.73	Pupa	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA

JHU_Ag_103668	VFYDSANIR	AGAP007841-PA	-	63	4.61E-06	1	1084.542	-0.51	Pupa	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_103972	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	164	6.57E-16	1	2019.994	-0.09	Visceras	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_108135	ELLSNAQTQLSSASGDKDR	AGAP007841-PA	-	164	6.28E-16	1	2020.000	2.93	Malpighian tubule	3R:+:1842251-1842307	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_112210	VFYDSANIR	AGAP007841-PA	-	61	7.39E-06	1	1084.542	-0.17	Ovary	3R:+:1841999-1842025	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_112480	AEAAIAMEVAEALVK	AGAP007841-PA	M7(Oxidation)	132	8.98E-13	1	1531.808	2.49	Visceras	3R:+:1842308-1842352	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_116073	HVPTLAVLKPGVVTVYENDGAVKK	AGAP007841-PA	-	116	4.66E-12	1	2534.439	1.94	Midgut	3R:+:1842074-1842145	exon=> In CDS Exon 1 of transcript AGAP007841-PA
JHU_Ag_288	YVALLCNAPSIR	AGAP007844-PA	C6(Carbamidomethyl)	43	0.000683762	2	1376.731	-2.94	Ovary	3R:-:1851237-1851202	exon=> In CDS Exon 3 of transcript AGAP007844-PA
JHU_Ag_18812	LATYEALEER	AGAP007844-PA	-	64	5.92E-06	2	1194.606	5.01	Malpighian tubule	3R:-:1851642-1851613	exon=> In CDS Exon 3 of transcript AGAP007844-PA
JHU_Ag_73614	VTPEWSSGPIQR	AGAP007844-PA	-	56	2.56E-05	1	1356.699	6.13	Malpighian tubule	3R:-:1851863-1851828	exon=> In CDS Exon 2 of transcript AGAP007844-PA
JHU_Ag_55975	AAGLLFFDKLAR	AGAP007845-PA	-	65	9.44E-07	1	1321.771	6.08	Malpighian tubule	3R:+:1860093-1860128	exon=> In CDS Exon 2 of transcript AGAP007845-PA
JHU_Ag_106915	AAGLLFFDK	AGAP007845-PA	-	60	8.65E-06	2	981.542	1.18	Pupa	3R:+:1860093-1860119	exon=> In CDS Exon 2 of transcript AGAP007845-PA
JHU_Ag_657	HVQETEVYQTTNQK	AGAP007849-PA	-	61	1.36E-05	2	1704.819	0.2	Midgut	3R:-:2040150-2040109	exon=> In CDS Exon 6 of transcript AGAP007849-PA
JHU_Ag_14357	TILMTALQNVR	AGAP007849-PA	M4(Oxidation)	74	4.10E-07	2	1275.708	-1.02	Midgut	3R:-:2041737-2041705	exon=> In CDS Exon 3 of transcript AGAP007849-PA
JHU_Ag_27636	YSGLSCQNPGPGYYR	AGAP007849-PA	C6(Carbamidomethyl)	48	0.000161004	1	1718.766	4	Malpighian tubule	3R:-:2041495-2041451	exon=> In CDS Exon 4 of transcript AGAP007849-PA
JHU_Ag_44849	YSGLSCQNPGPGYYR	AGAP007849-PA	C6(Carbamidomethyl)	72	5.47E-07	1	1718.754	-3.03	Midgut	3R:-:2041495-2041451	exon=> In CDS Exon 4 of transcript AGAP007849-PA
JHU_Ag_44860	SYAPATFGPSTTNR	AGAP007849-PA	-	38	0.001879906	1	1469.700	-1.6	Midgut	3R:-:2038932-2038891	exon=> In CDS Exon 8 of transcript AGAP007849-PA
JHU_Ag_55789	TMEPDALLLLSAYPSR	AGAP007849-PA	M2(Oxidation)	98	2.61E-09	2	1792.916	0.29	Midgut	3R:-:2037643-2037596	exon=> In CDS Exon 9 of transcript AGAP007849-PA
JHU_Ag_78485	ANFGFVFR	AGAP007849-PA	-	50	8.34E-05	2	957.491	-3.54	Midgut	3R:-:2037667-2037644	exon=> In CDS Exon 9 of transcript AGAP007849-PA
JHU_Ag_84928	SILLETQIPQALR	AGAP007849-PA	-	91	2.10E-09	2	1481.869	0.1	Midgut	3R:-:2039898-2039860	exon=> In CDS Exon 6 of transcript AGAP007849-PA
JHU_Ag_85169	TILMTALQNVR	AGAP007849-PA	-	45	0.000231877	2	1259.716	1.13	Malpighian tubule	3R:-:2041737-2041705	exon=> In CDS Exon 3 of transcript AGAP007849-PA
JHU_Ag_86398	VQNSPLAYIEGDDRR	AGAP007849-PA	-	37	0.003371661	1	1732.861	-0.18	Midgut	3R:-:2038857-2038813	exon=> In CDS Exon 8 of transcript AGAP007849-PA
JHU_Ag_95139	SILLETQIPQALR	AGAP007849-PA	-	32	0.001563392	2	1481.872	2.24	Malpighian tubule	3R:-:2039898-2039860	exon=> In CDS Exon 6 of transcript AGAP007849-PA
JHU_Ag_96313	ANDLFEEINAIDGDLR	AGAP007849-PA	N2(Deamidated)	88	2.40E-08	2	1804.869	-1.5	Midgut	3R:-:2040486-2040439	exon=> In CDS Exon 6 of transcript AGAP007849-PA
JHU_Ag_111090	QDAINLNSDVYK	AGAP007849-PA	-	51	0.000139035	2	1379.681	0.65	Midgut	3R:-:2039316-2039281	exon=> In CDS Exon 7 of transcript AGAP007849-PA
JHU_Ag_572	TEHIAELLR	AGAP007851-PA	-	40	0.000661131	1	1081.600	-0.21	Head	3R:+:2115148-2115174	exon=> In CDS Exon 2 of transcript AGAP007851-PA
JHU_Ag_31235	DGVQVMQGSTDICDQASRPR	AGAP007851-PA	M6(Oxidation), C13(Carbamidomethyl)	50	0.000108733	1	2236.008	-0.28	Head	3R:+:2115085-2115144	exon=> In CDS Exon 2 of transcript AGAP007851-PA
JHU_Ag_35939	RTEHIAELLR	AGAP007851-PA	-	59	8.66E-06	1	1237.700	-0.87	Head	3R:+:2115145-2115174	exon=> In CDS Exon 2 of transcript AGAP007851-PA

JHU_Ag_69868	SLGVPEKCPISAGQICTEPSQVVNINR	AGAP007851-PA	C8(Carbamidomethyl), C16(Carbamidomethyl)	128	1.65E-12	1	2953.492	1.62	Malpighian tubule	3R:+:2115175-2115210,2115278-2115322	exon=> In CDS Exon 2 and 3 of transcript AGAP007851-PA
JHU_Ag_75197	RTEHIAELLR	AGAP007851-PA	-	59	7.33E-06	1	1237.705	2.68	Visceras	3R:+:2115145-2115174	exon=> In CDS Exon 2 of transcript AGAP007851-PA
JHU_Ag_101026	CPISAGQICTEPSQVVNINR	AGAP007851-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	82	9.40E-08	2	2243.092	0.68	Visceras	3R:+:2115196-2115210,2115278-2115322	exon=> In CDS Exon 2 and 3 of transcript AGAP007851-PA
JHU_Ag_109191	CPISAGQICTEPSQVVNINR	AGAP007851-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	116	3.82E-11	1	2243.088	-1.28	Head	3R:+:2115196-2115210,2115278-2115322	exon=> In CDS Exon 2 and 3 of transcript AGAP007851-PA
JHU_Ag_115233	RTEHIAELLR	AGAP007851-PA	-	67	1.23E-06	1	1237.703	1.59	Malpighian tubule	3R:+:2115145-2115174	exon=> In CDS Exon 2 of transcript AGAP007851-PA
JHU_Ag_81	EHAALEPR	AGAP007852-PB	-	55	5.05E-05	1	922.475	0.42	Visceras	3R:-:2122945-2122922	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_104	ISILGLNNFAPGK	AGAP007852-PB	-	75	3.34E-07	2	1343.773	3.18	Pupa	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_956	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), N9(Deamidated), M15(Oxidation),"C7(Carbamidomethyl), M15(Oxidation)",C7(Carbamidomethyl)	143	4.27E-14	1	1845.812	0.5	Salivary gland	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_1285	QGLLPLTFANPADYDKVQPTSK	AGAP007852-PB	-	142	4.77E-14	1	2403.262	2.76	Head	3R:-:2122855-2123099,2122554-2122731	exon=> In CDS Exon 6 and 5 of transcript AGAP007852-PB
JHU_Ag_1322	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	143	3.11E-14	1	2086.895	2.02	Salivary gland	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_1358	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), N9(Deamidated), M15(Oxidation),"C7(Carbamidomethyl), M15(Oxidation)",C7(Carbamidomethyl)	155	2.75E-15	1	1845.812	0.96	Head	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_1712	LQLLEPFDVWNGKDLTEMTVLIK	AGAP007852-PB	N11(Deamidated)	41	0.000564011	3	2703.435	1.24	Pupa	3R:-:2123340-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_2092	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	-	162	4.56E-16	1	3386.743	4.86	Head	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_2141	FLSTAGAK	AGAP007852-PB	-	42	0.00046484	1	794.440	-0.52	Pupa	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_2258	CPNVIGVK	AGAP007852-PB	C1(Carbamidomethyl)	57	1.66E-05	1	886.482	0.7	Visceras	3R:-:2124712-2124689	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_2380	KQGLLPLTFANPADYDK	AGAP007852-PB	-	127	2.39E-12	1	1891.000	1.97	Visceras	3R:-:2122858-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_2401	NQVTGEWAGVPDVAR	AGAP007852-PB	-	100	1.51E-09	1	1598.803	6.9	Larva	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_2476	FLSTAGAK	AGAP007852-PB	-	54	2.75E-05	2	794.441	-0.15	Head	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_2630	FDQNVYLPYEK	AGAP007852-PB	-	71	1.07E-06	1	1415.685	0.47	Head	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_2720	IKLNHSFNQQQIEWFK	AGAP007852-PB	-	127	2.57E-12	1	2060.074	1.44	Midgut	3R:-:2122649-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_2760	QLDCEIKTDGK	AGAP007852-PB	C4(Carbamidomethyl)	66	4.16E-06	2	1306.632	0.54	Visceras	3R:-:2122691-2122659	exon=> In CDS Exon 6 of transcript AGAP007852-PB

JHU_Ag_2830	SKIPFNVTPGSEQIR	AGAP007852-PB	-	79	1.08E-07	1	1672.906	2.34	Visceras	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_2907	LQLLEPFDVWNGKDLTEMTVLIK	AGAP007852-PB	M18(Oxidation)	76	1.37E-07	1	2718.471	10.49	Malpighian tubule	3R:-:2123340-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_3184	CTTDHISAAGPWLK	AGAP007852-PB	C1(Carbamidomethyl)	86	3.79E-08	1	1556.756	1.96	Visceras	3R:-:2123259-2123218	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_3351	LDSPYGDELPQK	AGAP007852-PB	-	89	1.65E-08	1	1361.659	0.61	Malpighian tubule	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_3415	QGLLPLTFANPADYDKVQPTSK	AGAP007852-PB	-	98	1.63E-09	1	2403.258	1.16	Ovary	3R:-:2122855-2123099,2122554-2122731	exon=> In CDS Exon 6 and 5 of transcript AGAP007852-PB
JHU_Ag_3638	NTIVTSYNR	AGAP007852-PB	-	54	5.13E-05	1	1067.547	-1.03	Pupa	3R:-:2123989-2123963	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_3921	AKDINSEVYK	AGAP007852-PB	-	43	0.000573991	1	1166.610	4.02	Male reproductive organs	3R:-:2124961-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_4031	TFKEFGGTVLANACGPCIGQWDR	AGAP007852-PB	C14(Carbamidomethyl), C17(Carbamidomethyl)	82	9.89E-08	1	2584.210	1.17	Salivary gland	3R:-:2124082-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_4949	LNHSFNQQQIEWFK	AGAP007852-PB	-	106	3.90E-10	1	1818.899	3.49	Midgut	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_5004	TFKEFGGTVLANACGPCIGQWDR	AGAP007852-PB	C14(Carbamidomethyl), C17(Carbamidomethyl)	82	1.00E-07	1	2584.211	1.46	Pupa	3R:-:2124082-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_5020	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	N17(Deamidated)	168	1.45E-16	1	3386.726	-0.23	Malpighian tubule	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_5169	DLTEMTVLIK	AGAP007852-PB	-	69	1.11E-06	2	1162.640	0.83	Pupa	3R:-:2123301-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_5311	VADILTVK	AGAP007852-PB	-	71	5.93E-07	2	858.530	0.48	Visceras	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_5430	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation),"M3(Oxidation), M10(Oxidation), M12(Oxidation)"	91	1.12E-08	1	2413.210	2.4	Pupa	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_5445	LQLLEPFDVWNGK	AGAP007852-PB	N11(Deamidated)	100	1.62E-09	1	1559.817	4.37	Visceras	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_6308	DLTEMTVLIK	AGAP007852-PB	M5(Oxidation)	71	9.75E-07	2	1162.641	1.57	Malpighian tubule	3R:-:2123301-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_6493	IKLNHSFNQQQIEWFK	AGAP007852-PB	-	98	1.84E-09	1	2060.073	0.79	Male reproductive organs	3R:-:2122649-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_6708	CPNVIGVK	AGAP007852-PB	C1(Carbamidomethyl)	54	3.19E-05	2	886.480	-1.37	Head	3R:-:2124712-2124689	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_6720	VADILTVK	AGAP007852-PB	-	65	2.38E-06	2	858.533	3.82	Malpighian tubule	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_6988	NGYPMDIR	AGAP007852-PB	M5(Oxidation),N1(Deamidated),"N1(Deamidated), M5(Oxidation)"	51	6.30E-05	1	982.430	0.45	Visceras	3R:-:2124274-2124251	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_7138	QLDCEIK	AGAP007852-PB	C4(Carbamidomethyl)	48	0.000248464	2	905.439	-1.14	Salivary gland	3R:-:2122691-2122671	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_7617	RMADYLASTGR	AGAP007852-PB	-	61	1.03E-05	1	1240.614	3	Malpighian tubule	3R:-:2124484-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_8181	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	86	3.58E-08	1	2208.006	4.51	Larva	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_8213	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	131	4.97E-13	1	2086.898	3.54	Ovary	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB

JHU_Ag_8440	SKIPFNVTPGSEQIR	AGAP007852-PB	-	74	4.27E-07	1	1672.901	-0.72	Midgut	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_8464	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation),M22(Oxidation),"M10(Oxidation), M22(Oxidation)"	148	1.89E-14	1	2706.233	3.13	Visceras	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_8940	TFKEFGGTVLANACGPCIGQWDR	AGAP007852-PB	C14(Carbamidomethyl), C17(Carbamidomethyl)	139	2.04E-13	1	2584.215	2.8	Visceras	3R:-:2124082-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_9211	ISGWTSPK	AGAP007852-PB	-	55	5.18E-05	2	875.462	-0.39	Head	3R:-:2124676-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_9664	FKLDSPYGDELPQK	AGAP007852-PB	-	120	1.60E-11	1	1636.825	1.97	Male reproductive organs	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_11499	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	97	1.01E-09	1	2086.891	0.15	Male reproductive organs	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_11501	NQVTGEWAGVPDVAR	AGAP007852-PB	-	109	2.07E-10	1	1598.801	5.45	Malpighian tubule	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_11923	VALSKFDQNVYLPYEK	AGAP007852-PB	-	57	2.27E-05	1	1914.011	5.31	Malpighian tubule	3R:-:2125294-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_12217	LGRPLTLSEK	AGAP007852-PB	-	47	0.000117582	1	1113.662	-0.63	Midgut	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_12384	LQLLEPFDVWNGKDLTEMTVLIK	AGAP007852-PB	M18(Oxidation)	96	1.43E-09	1	2718.456	4.97	Visceras	3R:-:2123340-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_12456	LNHSFNQQQIEWFK	AGAP007852-PB	-	124	5.46E-12	1	1818.896	2.29	Head	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_12752	YQGSVLTADSGAK	AGAP007852-PB	-	89	1.97E-08	1	1296.643	-0.44	Salivary gland	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_12871	LDSPYGDELPQK	AGAP007852-PB	-	54	5.06E-05	2	1361.660	1.42	Ovary	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_12904	NGYPMDIR	AGAP007852-PB	N1(Deamidated), M5(Oxidation)	52	5.47E-05	2	982.429	-1.23	Salivary gland	3R:-:2124274-2124251	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_13169	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGKK	AGAP007852-PB	C9(Carbamidomethyl)	169	1.15E-16	1	4400.178	1.52	Malpighian tubule	3R:-:2123947-2125369,2123677-2123761	exon=> In CDS Exon 3 and 2 of transcript AGAP007852-PB
JHU_Ag_13178	LGRPLTLSEK	AGAP007852-PB	-	58	1.08E-05	1	1113.659	-3.67	Head	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_13239	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	98	1.82E-09	1	2208.000	1.63	Midgut	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_13424	QGLLPLTFANPADYDKVQPTSK	AGAP007852-PB	-	109	1.00E-10	1	2403.261	2.15	Visceras	3R:-:2122855-2123099,2122554-2122731	exon=> In CDS Exon 6 and 5 of transcript AGAP007852-PB
JHU_Ag_13946	NQVTGEWAGVPDVAR	AGAP007852-PB	-	110	1.53E-10	1	1598.796	2.17	Salivary gland	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_14325	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation),M22(Oxidation),"M10(Oxidation), M22(Oxidation)"	112	7.75E-11	1	2690.231	0.4	Pupa	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_14617	VAMQDATAQMAMLQFISSGLK	AGAP007852-PB	M3(Oxidation), M10(Oxidation), M12(Oxidation)	147	3.25E-14	1	2289.096	1.58	Malpighian tubule	3R:-:2125102-2125040	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_14760	DINSEVYK	AGAP007852-PB	-	51	8.89E-05	1	967.473	0.01	Midgut	3R:-:2124955-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_15221	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGKK	AGAP007852-PB	C9(Carbamidomethyl)	166	1.79E-16	1	4400.198	6.07	Ovary	3R:-:2123947-2125369,2123677-2123761	exon=> In CDS Exon 3 and 2 of transcript AGAP007852-PB

JHU_Ag_15285	KNGYPMDIR	AGAP007852-PB	M6(Oxidation)	39	0.002033 67	2	1109.542	0.74	Visceras	3R:-:2124277-2124251	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_16193	FDQNVYLPYEK	AGAP007852-PB	-	54	5.48E-05	2	1415.686	1.51	Larva	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_16637	AKDINSEVYK	AGAP007852-PB	-	57	2.89E-05	1	1166.604	-0.69	Midgut	3R:-:2124961-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_16830	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	112	7.10E-11	1	1839.972	0.31	Salivary gland	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_16927	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), M15(Oxidation)	131	6.99E-13	1	1861.809	1.65	Male reproductive organs	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_17014	RLGRPLTLSEK	AGAP007852-PB	-	35	0.000937 903	1	1269.762	-1.09	Head	3R:-:2125216-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_17161	DINSEVYK	AGAP007852-PB	-	62	8.63E-06	1	967.473	-0.55	Pupa	3R:-:2124955-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_17284	NLEVVKK	AGAP007852-PB	-	47	0.000210 042	1	829.515	1.1	Visceras	3R:-:2125237-2125217	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_17325	SAIAAEAGKYQGSVLTADSGAK	AGAP007852-PB	-	36	0.003153 927	1	2095.066	-0.5	Ovary	3R:-:2124451-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_18133	IKNQVTGEWAGVPDVAR	AGAP007852-PB	Q4(Deamidated),N3(Deamidated)	130	9.98E-13	1	1839.975	1.97	Pupa	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_18188	RVAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C10(Carbamidomethyl)	158	2.07E-15	1	2430.263	3.11	Malpighian tubule	3R:-:2125039-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_18628	VADILTVK	AGAP007852-PB	-	65	2.11E-06	2	858.529	-1.15	Pupa	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_18825	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation),M22(Oxidation)	89	1.51E-08	1	2706.228	1.31	Ovary	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_18857	IPFNVTPGSEQIR	AGAP007852-PB	-	63	7.65E-06	1	1457.776	0.71	Ovary	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_18941	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	131	8.24E-13	1	1839.976	2.3	Visceras	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_19307	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	105	1.88E-10	1	2086.890	-0.55	Pupa	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_20001	IKLNHSFNQQQIEWFK	AGAP007852-PB	-	134	4.14E-13	1	2060.077	2.63	Visceras	3R:-:2122649-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_20305	IPFNVTPGSEQIR	AGAP007852-PB	-	75	4.14E-07	1	1457.777	1.55	Head	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_20598	YQGSVLTADSGAK	AGAP007852-PB	Q2(Deamidated)	83	8.10E-08	1	1296.643	-0.06	Head	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_21760	SKIPFNVTPGSEQIR	AGAP007852-PB	-	79	1.37E-07	1	1672.903	0.44	Pupa	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_22074	EHAALEPR	AGAP007852-PB	-	53	6.62E-05	2	922.480	6.24	Male reproductive organs	3R:-:2122945-2122922	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_22730	LQLLEPFDVWNGK	AGAP007852-PB	N11(Deamidated)	86	3.46E-08	1	1558.834	4.84	Head	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_23973	CTTDHISAAGPWLK	AGAP007852-PB	C1(Carbamidomethyl)	94	5.67E-09	1	1556.753	0.32	Pupa	3R:-:2123259-2123218	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_24070	ISGWTSPK	AGAP007852-PB	-	49	0.000201 386	2	875.462	-0.46	Malpighian tubule	3R:-:2124676-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_24074	SKIPFNVTPGSEQIR	AGAP007852-PB	-	95	2.39E-09	1	1672.910	4.97	Malpighian tubule	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_24088	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	79	1.12E-07	2	1084.510	0.32	Salivary gland	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_24657	ISGWTSPK	AGAP007852-PB	-	38	0.002822 703	2	875.464	2.54	Larva	3R:-:2124676-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_25086	FLSTAGAK	AGAP007852-PB	-	38	0.000813183	2	794.442	1.15	Visceras	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_25229	LDSPYGDELPQK	AGAP007852-PB	-	89	1.96E-08	1	1361.661	1.87	Visceras	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_25505	EHAALEPRHLGAR	AGAP007852-PB	-	40	0.001208105	1	1456.779	1.44	Malpighian tubule	3R:-:2122945-2122907	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_25529	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	121	9.49E-12	1	1909.872	2.38	Visceras	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_26158	KNGYPMDIR	AGAP007852-PB	M6(Oxidation)	53	7.67E-05	1	1093.550	3.42	Malpighian tubule	3R:-:2124277-2124251	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_26623	VLYSHLDDPANQDIER	AGAP007852-PB	-	81	1.17E-07	1	1884.917	4.58	Larva	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_27217	RMADYLASTGR	AGAP007852-PB	M2(Oxidation)	60	1.22E-05	2	1240.608	-2.02	Head	3R:-:2124484-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_27535	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	55	5.91E-05	1	2274.166	4.87	Ovary	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_27603	AKDINSEVYK	AGAP007852-PB	-	75	4.06E-07	1	1166.606	0.46	Head	3R:-:2124961-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_27908	QGLLPLTFANPADYDK	AGAP007852-PB	-	114	6.28E-11	1	1762.905	2.32	Salivary gland	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_28684	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	90	9.51E-09	2	1084.509	-0.35	Midgut	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_29008	VAVPSTIHCDHLIEAQIGGEKDLAR	AGAP007852-PB	C9(Carbamidomethyl)	93	4.77E-09	1	2729.407	1.21	Salivary gland	3R:-:2125036-2124962	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_29113	ISILGLNNFAPGK	AGAP007852-PB	N7(Deamidated)	93	5.10E-09	2	1343.769	0.37	Midgut	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_29142	SKGINWVAVGDENYGEGSSR	AGAP007852-PB	-	75	5.67E-07	1	2124.996	0.87	Pupa	3R:-:2123005-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_29390	FDQNVYLPYEK	AGAP007852-PB	-	68	2.18E-06	1	1415.685	0.65	Midgut	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_29783	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation), M22(Oxidation)	115	4.08E-11	1	2722.231	4.22	Larva	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_29830	ISILGLNNFAPGK	AGAP007852-PB	N7(Deamidated),N8(Deamidated)	106	2.14E-10	1	1343.774	4.55	Malpighian tubule	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_30303	VLYSHLDDPANQDIER	AGAP007852-PB	-	89	1.74E-08	1	1884.910	0.5	Male reproductive organs	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_30497	EFGGTVLANACGPCIGQWDRK	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	87	2.76E-08	1	2336.097	2.61	Head	3R:-:2124073-2124011	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_31350	SAIAAEAGK	AGAP007852-PB	-	52	0.000113951	1	817.444	3.52	Salivary gland	3R:-:2124451-2124425	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_31720	VAMQDATAQMAMLQFISSGLK	AGAP007852-PB	M3(Oxidation), M10(Oxidation), M12(Oxidation),M3(Oxidation),"M3(Oxidation), M10(Oxidation)","M10(Oxidation), M12(Oxidation)",M10(Oxidation),"M3(Oxidation), M12(Oxidation)",M12(Oxidation)	124	5.37E-12	2	2289.094	0.79	Visceras	3R:-:2125102-2125040	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_31807	VAVPSTIHCDHLIEAQIGGEKDLAR	AGAP007852-PB	C9(Carbamidomethyl)	129	1.20E-12	1	2729.410	2.05	Head	3R:-:2125036-2124962	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_32600	SKIPFNVTPGSEQIR	AGAP007852-PB	-	81	8.63E-08	1	1672.901	-0.29	Salivary gland	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_33328	VDVDPK	AGAP007852-PB	-	39	0.000430594	1	672.357	1.09	Malpighian tubule	3R:-:2123367-2123350	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_33372	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M10(Oxidation),"M3(Oxidation), M10(Oxidation), M12(Oxidation)",M3(Oxidation)	82	9.33E-08	1	2413.201	-1.24	Midgut	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_33867	AKDINSEVYK	AGAP007852-PB	-	70	1.28E-06	1	1166.607	1.93	Malpighian tubule	3R:-:2124961-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_34003	NGYPMDIR	AGAP007852-PB	M5(Oxidation),N1(Deamidated),"N1(Deamidated), M5(Oxidation)"	52	5.60E-05	2	982.432	1.88	Malpighian tubule	3R:-:2124274-2124251	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_34994	VDVDPK	AGAP007852-PB	-	33	0.002010026	1	672.356	-0.18	Visceras	3R:-:2123367-2123350	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_35196	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	115	2.98E-11	1	1839.975	1.97	Midgut	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_35383	KQGLLPLTFANPADYDK	AGAP007852-PB	-	47	0.000213038	1	1890.999	1.45	Ovary	3R:-:2122858-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_35621	FKLDSPYGDELPQK	AGAP007852-PB	-	122	9.72E-12	1	1636.825	1.82	Visceras	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_35718	YRGHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M12(Oxidation), M24(Oxidation),M12(Oxidation),M24(Oxidation)	176	3.00E-17	1	3041.387	0.98	Malpighian tubule	3R:-:2123217-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_36307	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	104	2.65E-10	1	2070.898	0.99	Midgut	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_36739	ATIERDGIAK	AGAP007852-PB	-	72	9.92E-07	1	1073.595	-0.45	Pupa	3R:-:2124112-2124083	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_37013	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M22(Oxidation),"M10(Oxidation), M22(Oxidation)"	110	1.04E-10	1	2722.219	-0.35	Midgut	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_37762	LGRPLTLSEK	AGAP007852-PB	-	61	5.10E-06	1	1113.664	1.26	Visceras	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_37782	QGLLPLTFANPADYDK	AGAP007852-PB	-	119	1.88E-11	1	1762.908	3.92	Visceras	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_37851	FKLDSPYGDELPQK	AGAP007852-PB	-	118	2.45E-11	1	1636.828	3.76	Larva	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_38044	TFKEFGGTVLANACGPCIGQWDR	AGAP007852-PB	C14(Carbamidomethyl), C17(Carbamidomethyl)	118	2.75E-11	1	2584.216	3.3	Head	3R:-:2124082-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_38112	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	115	1.96E-11	1	2086.894	1.43	Visceras	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_38120	ISGWTSPKDVILK	AGAP007852-PB	-	65	2.04E-06	1	1443.822	1.14	Pupa	3R:-:2124676-2124638	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_38236	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	131	1.26E-12	1	2274.152	-1.27	Male reproductive organs	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_38395	VAVPSTIHCDHLIEAQIGGEKDLAR	AGAP007852-PB	C9(Carbamidomethyl)	60	1.11E-05	1	2729.402	-0.57	Male reproductive organs	3R:-:2125036-2124962	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_38520	SAIAAEAGK	AGAP007852-PB	-	52	0.00012078	2	817.442	1.19	Malpighian tubule	3R:-:2124451-2124425	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_38665	ISGWTSPK	AGAP007852-PB	-	54	5.69E-05	2	875.462	-0.46	Midgut	3R:-:2124676-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_39077	DLTEMTVLIK	AGAP007852-PB	M5(Oxidation)	65	3.40E-06	1	1178.635	0.99	Salivary gland	3R:-:2123301-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_39223	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	65	2.26E-06	1	1100.508	3.49	Larva	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_39268	VAVPSTIHCDHLIEAQIGGEKDLAR	AGAP007852-PB	C9(Carbamidomethyl)	132	5.75E-13	1	2729.418	5.2	Malpighian tubule	3R:-:2125036-2124962	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_39867	RLGRPLTLSEK	AGAP007852-PB	-	28	0.004944906	1	1269.766	1.5	Malpighian tubule	3R:-:2125216-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_39892	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	123	4.76E-12	1	1839.973	1.11	Male reproductive organs	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_40677	CTTDHISAAGPWLK	AGAP007852-PB	C1(Carbamidomethyl)	80	1.50E-07	1	1556.757	2.79	Salivary gland	3R:-:2123259-2123218	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_40773	QGLLPLTFANPADYDKVQPTSK	AGAP007852-PB	-	86	2.58E-08	1	2403.257	0.78	Salivary gland	3R:-:2122855-2123099,2122554-2122731	exon=> In CDS Exon 6 and 5 of transcript AGAP007852-PB
JHU_Ag_40796	LQLLEPFDVWNGK	AGAP007852-PB	-	72	1.02E-06	1	1558.828	0.93	Male reproductive organs	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_40844	SKIPFNVTPGSEQIR	AGAP007852-PB	-	57	1.83E-05	1	1672.907	3.22	Larva	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_40886	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	127	2.09E-12	1	1839.981	5.42	Malpighian tubule	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_40962	VLYSHLDDPANQDIER	AGAP007852-PB	-	102	8.87E-10	1	1884.906	-1.44	Midgut	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_41671	SKGINWVAVGDENYGEGSSR	AGAP007852-PB	-	112	1.17E-10	1	2124.999	2.23	Head	3R:-:2123005-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_41673	CPNVIGVK	AGAP007852-PB	C1(Carbamidomethyl)	50	8.06E-05	2	886.481	-0.33	Malpighian tubule	3R:-:2124712-2124689	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_41929	FKLDSPYGDELPQK	AGAP007852-PB	-	136	3.98E-13	1	1636.831	5.47	Malpighian tubule	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_42077	DINSEVYK	AGAP007852-PB	-	59	1.61E-05	1	967.474	0.5	Visceras	3R:-:2124955-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_42482	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), N9(Deamidated), M15(Oxidation),"C7(Carbamidomethyl), M15(Oxidation)",C7(Carbamidomethyl)	161	8.17E-16	1	1845.817	3.27	Visceras	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_42533	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	90	8.96E-09	2	1084.508	-0.69	Pupa	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_42574	FDQNVYLPYEK	AGAP007852-PB	-	61	1.14E-05	2	1415.686	1.08	Ovary	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_42588	RLGRPLTLSEK	AGAP007852-PB	-	35	0.00085735	1	1269.764	0.49	Visceras	3R:-:2125216-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_42753	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	134	5.38E-13	1	2274.159	1.84	Visceras	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_42888	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	131	4.32E-13	1	2086.893	0.97	Malpighian tubule	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_42898	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	112	5.38E-11	1	1909.862	-2.74	Male reproductive organs	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_43076	SKGINWVAVGDENYGEGSSR	AGAP007852-PB	-	97	3.68E-09	1	2124.996	0.7	Visceras	3R:-:2123005-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_43276	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	104	4.12E-10	1	1839.982	5.95	Larva	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_44404	FKLDSPYGDELPQK	AGAP007852-PB	-	121	1.25E-11	1	1636.822	-0.05	Ovary	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB

JHU_Ag_44965	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	90	1.39E-08	1	2274.156	0.6	Pupa	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_45122	KQGLLPLTFANPADYDK	AGAP007852-PB	-	108	2.03E-10	1	1890.996	-0.22	Malpighian tubule	3R:-:2122858-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_45875	LNHSFNQQQIEWFK	AGAP007852-PB	-	73	7.44E-07	2	1818.898	2.96	Pupa	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_46389	LDSPYGDELPQK	AGAP007852-PB	-	75	4.31E-07	2	1361.665	4.65	Larva	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_47209	SKIPFNVTPGSEQIR	AGAP007852-PB	-	79	1.15E-07	1	1672.906	2.49	Head	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_48049	ISGWTSPK	AGAP007852-PB	-	55	5.76E-05	2	875.461	-1.23	Salivary gland	3R:-:2124676-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_48075	LQLLEPFDVWNGK	AGAP007852-PB	N11(Deamidated)	86	3.69E-08	1	1558.830	2.02	Pupa	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_48123	LQLLEPFDVWNGKDLTEMTVLIK	AGAP007852-PB	M18(Oxidation)	92	3.42E-09	1	2718.455	4.7	Head	3R:-:2123340-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_48575	LQLLEPFDVWNGK	AGAP007852-PB	-	73	7.80E-07	1	1558.828	0.85	Ovary	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_48693	CPNVIGVK	AGAP007852-PB	C1(Carbamidomethyl)	51	5.84E-05	2	886.483	1.32	Salivary gland	3R:-:2124712-2124689	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_49549	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGK	AGAP007852-PB	C9(Carbamidomethyl)	76	2.24E-07	1	4272.088	2.7	Visceras	3R:-:2123947-2125369,2123677-2123764	exon=> In CDS Exon 3 and 2 of transcript AGAP007852-PB
JHU_Ag_49733	NGYPMDIRVGLIGSCTNSSYEDMGR	AGAP007852-PB	M5(Oxidation), C15(Carbamidomethyl), M23(Oxidation)	56	1.97E-05	1	2824.244	3.67	Malpighian tubule	3R:-:2124274-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_49882	FLSTAGAK	AGAP007852-PB	-	37	0.00114647	2	794.443	2.54	Malpighian tubule	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_50270	DINSEVYK	AGAP007852-PB	-	54	4.19E-05	1	967.474	1.39	Malpighian tubule	3R:-:2124955-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_50422	DINSEVYK	AGAP007852-PB	-	56	2.75E-05	1	967.474	1.02	Head	3R:-:2124955-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_50442	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	143	7.29E-14	1	2208.002	2.63	Salivary gland	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_50531	AKDINSEVYK	AGAP007852-PB	-	60	1.05E-05	1	1166.606	0.46	Visceras	3R:-:2124961-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_50752	FLSTAGAK	AGAP007852-PB	-	41	0.000567942	1	794.441	0.63	Ovary	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_51283	LGRPLTLSEKVLYSHLDDPANQDIER	AGAP007852-PB	-	143	3.88E-14	1	2979.569	5.26	Malpighian tubule	3R:-:2125213-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_52195	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation), M10(Oxidation), M12(Oxidation),"M3(Oxidation), M12(Oxidation)","M3(Oxidation), M10(Oxidation)","M10(Oxidation), M12(Oxidation)",M10(Oxidation),M3(Oxidation),M12(Oxidation)	139	1.61E-13	1	2429.217	7.47	Malpighian tubule	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_53232	LQLLEPFDVWNGKDLTEMTVLIK	AGAP007852-PB	M18(Oxidation)	65	1.92E-06	1	2718.458	5.84	Salivary gland	3R:-:2123340-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_53785	RVAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C10(Carbamidomethyl)	107	2.37E-10	1	2430.269	5.44	Ovary	3R:-:2125039-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_54449	ISILGLNNFAPGK	AGAP007852-PB	-	60	8.49E-06	1	1343.774	4	Larva	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_54724	ISGWTSPKDVILK	AGAP007852-PB	-	69	7.13E-07	1	1443.827	4.61	Malpighian tubule	3R:-:2124676-2124638	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_54920	NQVTGEWAGVPDVAR	AGAP007852-PB	-	111	1.20E-10	2	1598.788	-2.49	Midgut	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_55125	QGLLPLTFANPADYDK	AGAP007852-PB	-	82	8.13E-08	2	1762.906	2.95	Pupa	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_55929	YQGSVLTADSGAK	AGAP007852-PB	-	83	7.45E-08	1	1296.643	0.32	Visceras	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_55932	YQGSVLTADSGAK	AGAP007852-PB	-	84	5.35E-08	1	1296.648	3.42	Malpighian tubule	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_56247	VLYSHLDDPANQDIER	AGAP007852-PB	N11(Deamidated)	113	7.11E-11	1	1884.911	1.47	Pupa	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_56630	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	138	1.76E-13	1	1909.875	3.65	Malpighian tubule	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_56951	CPNVIGVK	AGAP007852-PB	C1(Carbamidomethyl)	36	0.002033095	2	886.482	0.01	Midgut	3R:-:2124712-2124689	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_57295	VAMQDATAQMAMLQFISSGLK	AGAP007852-PB	M3(Oxidation), M10(Oxidation)	33	0.007726396	3	2273.089	-3.92	Midgut	3R:-:2125102-2125040	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_57299	YQGSVLTADSGAK	AGAP007852-PB	-	89	1.75E-08	1	1296.641	-1.85	Midgut	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_57306	CTTDHISAAGPWLK	AGAP007852-PB	C1(Carbamidomethyl)	79	2.09E-07	1	1556.755	1.62	Midgut	3R:-:2123259-2123218	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_57335	AKDINSEVYK	AGAP007852-PB	-	75	4.01E-07	1	1166.605	-0.27	Salivary gland	3R:-:2124961-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_58327	GHLDNISNNMFIGATNIENNEMNKIK	AGAP007852-PB	M10(Oxidation),M22(Oxidation),"M10(Oxidation), M22(Oxidation)"	122	9.67E-12	1	2931.425	5.36	Malpighian tubule	3R:-:2123211-2123385,2122808-2123060	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_58410	QLDCEIKTDGK	AGAP007852-PB	C4(Carbamidomethyl)	49	0.000209377	2	1306.633	1.48	Malpighian tubule	3R:-:2122691-2122659	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_58426	IPFNVTPGSEQIR	AGAP007852-PB	-	56	3.65E-05	1	1457.773	-1.13	Midgut	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_58779	CPNVIGVK	AGAP007852-PB	C1(Carbamidomethyl)	38	0.001454409	1	886.480	-1.3	Pupa	3R:-:2124712-2124689	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_58882	VADILTVK	AGAP007852-PB	-	42	0.000487789	2	858.532	3.25	Larva	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_59051	LQLLEPFDVWNGK	AGAP007852-PB	N11(Deamidated)	73	6.49E-07	1	1558.838	7.19	Larva	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_59220	CPNVIGVK	AGAP007852-PB	C1(Carbamidomethyl)	34	0.003214827	2	886.485	4	Ovary	3R:-:2124712-2124689	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_59254	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	-	167	1.42E-16	1	3386.740	4	Visceras	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_59386	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	57	1.44E-05	2	1100.508	3.16	Ovary	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_59534	VGLIGSCTNSSYEDMGRCASIAK	AGAP007852-PB	C7(Carbamidomethyl), M15(Oxidation), C18(Carbamidomethyl),"C7(Carbamidomethyl), C18(Carbamidomethyl)"	107	2.11E-10	1	2492.134	5.18	Malpighian tubule	3R:-:2124250-2124182	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_59547	EHAALEPR	AGAP007852-PB	-	55	5.33E-05	1	922.476	1.81	Malpighian tubule	3R:-:2122945-2122922	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_59723	QLDCEIK	AGAP007852-PB	C4(Carbamidomethyl)	48	0.000251921	2	905.439	-0.53	Head	3R:-:2122691-2122671	exon=> In CDS Exon 6 of transcript AGAP007852-PB

JHU_Ag_59753	EHAALEPR	AGAP007852-PB	-	52	9.80E-05	2	922.474	0.28	Salivary gland	3R:-:2122945-2122922	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_59755	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	65	3.55E-06	1	1839.975	1.77	Ovary	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_59760	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGKK	AGAP007852-PB	C9(Carbamidomethyl)	195	2.32E-19	1	4400.186	3.3	Visceras	3R:-:2123947-2125369,2123677-2123761	exon=> In CDS Exon 3 and 2 of transcript AGAP007852-PB
JHU_Ag_59817	NGYPMDIR	AGAP007852-PB	N1(Deamidated)	42	0.000386582	2	966.434	-0.82	Pupa	3R:-:2124274-2124251	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_60247	VADILTVK	AGAP007852-PB	-	60	7.93E-06	2	858.530	0.13	Head	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_60440	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	71	9.22E-07	2	2207.997	0.42	Ovary	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_60539	RVAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C10(Carbamidomethyl)	144	4.92E-14	1	2430.262	2.43	Visceras	3R:-:2125039-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_60830	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	91	7.69E-09	2	1084.507	-1.59	Head	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_60987	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation),M22(Oxidation),"M10(Oxidation), M22(Oxidation)"	164	4.23E-16	1	2722.226	2.14	Malpighian tubule	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_61110	LQLLEPFDVWNGKDLTEMTVLIK	AGAP007852-PB	M18(Oxidation)	39	0.000690866	1	2718.461	6.99	Larva	3R:-:2123340-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_61611	FKLDSPYGDELPQK	AGAP007852-PB	-	99	2.01E-09	2	1636.822	0.03	Pupa	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_61906	FLSTAGAK	AGAP007852-PB	-	42	0.000474574	1	794.440	-0.37	Midgut	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_62367	ISGWTSPK	AGAP007852-PB	-	55	5.62E-05	2	875.462	-0.74	Pupa	3R:-:2124676-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_62618	DINSEVYK	AGAP007852-PB	-	60	1.25E-05	1	967.472	-0.88	Salivary gland	3R:-:2124955-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_62814	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	135	4.51E-13	1	2208.003	3.18	Malpighian tubule	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_63143	LQLLEPFDVWNGK	AGAP007852-PB	N11(Deamidated)	105	4.59E-10	1	1559.810	-0.02	Salivary gland	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_63394	EFGGTVLANACGPCIGQWDRK	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	52	9.37E-05	1	2336.100	3.94	Salivary gland	3R:-:2124073-2124011	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_63419	LGRPLTLSEK	AGAP007852-PB	-	62	3.75E-06	1	1113.667	3.73	Ovary	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_63517	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	N17(Deamidated),Q3(Deamidated)	154	3.14E-15	1	3386.732	1.55	Midgut	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_63795	FLSTAGAK	AGAP007852-PB	-	35	0.001879526	1	794.444	4.32	Larva	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_63871	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGKK	AGAP007852-PB	C9(Carbamidomethyl)	115	2.73E-11	1	4400.186	3.18	Head	3R:-:2123947-2125369,2123677-2123761	exon=> In CDS Exon 3 and 2 of transcript AGAP007852-PB
JHU_Ag_65590	EFGGTVLANACGPCIGQWDRK	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	49	0.000172529	1	2336.094	1.2	Ovary	3R:-:2124073-2124011	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_66229	SAIAAEAGK	AGAP007852-PB	-	66	4.87E-06	1	817.441	-0.16	Visceras	3R:-:2124451-2124425	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_67066	DLTEMTVLIK	AGAP007852-PB	M5(Oxidation)	77	2.37E-07	2	1162.641	1.67	Visceras	3R:-:2123301-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB

JHU_Ag_67205	QGLLPLTFANPADYDKVQPTSK	AGAP007852-PB	-	58	1.36E-05	1	2403.261	2.45	Male reproductive organs	3R:-:2122855-2123099,2122554-2122731	exon=> In CDS Exon 6 and 5 of transcript AGAP007852-PB
JHU_Ag_67856	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	123	7.35E-12	1	2274.161	2.92	Malpighian tubule	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_68107	IPFNVTPGSEQIR	AGAP007852-PB	-	68	2.57E-06	1	1457.780	3.56	Larva	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_68665	QLDCEIK	AGAP007852-PB	C4(Carbamidomethyl)	41	0.001200597	2	905.440	0.42	Visceras	3R:-:2122691-2122671	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_68880	GFDPGMDTYEAPPSDGTSVKVDVDPK	AGAP007852-PB	M6(Oxidation)	80	1.08E-07	1	2740.236	2.32	Head	3R:-:2123718-2123848,2123174-2123350	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_69536	NLEVVKK	AGAP007852-PB	-	39	0.001286513	1	829.511	-4.43	Head	3R:-:2125237-2125217	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_69635	IPFNVTPGSEQIR	AGAP007852-PB	-	74	5.47E-07	1	1457.773	-1.3	Pupa	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_70075	ATIERDGIAK	AGAP007852-PB	-	59	2.04E-05	1	1073.595	-0.11	Visceras	3R:-:2124112-2124083	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_70238	VADILTVK	AGAP007852-PB	-	49	8.78E-05	2	858.529	-0.3	Midgut	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_70272	NTIVTSYNR	AGAP007852-PB	-	37	0.003198725	2	1067.532	-14.75	Larva	3R:-:2123989-2123963	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_70434	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	92	1.07E-08	1	2274.159	1.97	Midgut	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_70632	DLTEMTVLIK	AGAP007852-PB	M5(Oxidation)	39	0.001250269	1	1178.639	4.1	Larva	3R:-:2123301-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_70804	LDSPYGDELPQK	AGAP007852-PB	-	97	2.85E-09	1	1361.659	0.26	Pupa	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_71192	GFDPGMDTYEAPPSDGTSVKVDVDPK	AGAP007852-PB	M6(Oxidation)	83	5.49E-08	1	2740.243	5.06	Malpighian tubule	3R:-:2123718-2123848,2123174-2123350	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_71397	SAIAAEAGKYQGSVLTADSGAK	AGAP007852-PB	-	178	2.46E-17	1	2095.066	-0.35	Pupa	3R:-:2124451-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_71662	NLEVVKK	AGAP007852-PB	-	39	0.00106047	1	829.516	2.56	Malpighian tubule	3R:-:2125237-2125217	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_71781	NTIVTSYNR	AGAP007852-PB	N1(Deamidated)	63	6.90E-06	1	1067.549	0.69	Visceras	3R:-:2123989-2123963	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_72450	IKNQVTGEWAGVPDVAR	AGAP007852-PB	-	134	3.72E-13	1	1839.974	1.51	Head	3R:-:2123065-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_72801	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	122	9.08E-12	1	2208.001	2.19	Visceras	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_72827	VAMQDATAQMAMLQFISSGLK	AGAP007852-PB	M3(Oxidation), M10(Oxidation),M3(Oxidation),"M3(Oxidation), M10(Oxidation), M12(Oxidation)"	102	9.79E-10	1	2241.108	-0.01	Salivary gland	3R:-:2125102-2125040	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_73049	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	N17(Deamidated)	167	1.82E-16	1	3387.724	3.96	Pupa	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_73137	VLYSHLDDPANQDIER	AGAP007852-PB	Q12(Deamidated),N11(Deamidated)	110	1.39E-10	1	1884.911	1.08	Head	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_73875	QLDCEIKTDGK	AGAP007852-PB	C4(Carbamidomethyl)	55	5.14E-05	1	1306.631	0.08	Head	3R:-:2122691-2122659	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_74075	FDQNVYLPYEK	AGAP007852-PB	Q3(Deamidated)	71	9.24E-07	1	1415.685	0.82	Pupa	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_74234	LQLLEPFDVWNGK	AGAP007852-PB	N11(Deamidated)	90	1.34E-08	1	1558.821	-3.61	Midgut	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_74311	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	93	6.53E-09	1	2207.997	0.19	Pupa	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_74317	SAIAAEAGKYQGSVLTADSGAK	AGAP007852-PB	-	182	8.05E-18	1	2095.074	3.27	Malpighian tubule	3R:-:2124451-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_74815	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	105	2.06E-10	1	2086.899	3.66	Larva	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_75406	LGRPLTLSEK	AGAP007852-PB	-	58	1.01E-05	1	1113.667	3.48	Malpighian tubule	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_75668	IHETNLKK	AGAP007852-PB	-	41	0.000206252	1	982.572	3.66	Ovary	3R:-:2122879-2122856	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_76141	LNHSFNQQQIEWFK	AGAP007852-PB	-	76	4.02E-07	1	1818.900	4.5	Larva	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_76188	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), M15(Oxidation),C7(Carbamidomethyl)	111	8.82E-11	1	1845.815	2.08	Ovary	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_76297	VAVPSTIHCDHLIEAQIGGEKDLAR	AGAP007852-PB	C9(Carbamidomethyl)	152	6.67E-15	1	2729.407	1.04	Visceras	3R:-:2125036-2124962	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_77070	LGRPLTLSEK	AGAP007852-PB	-	53	2.04E-05	1	1113.668	4.96	Male reproductive organs	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_77880	TFKEFGGTVLANACGPCIGQWDR	AGAP007852-PB	C14(Carbamidomethyl), C17(Carbamidomethyl)	89	2.23E-08	1	2584.211	1.39	Ovary	3R:-:2124082-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_77890	QGLLPLTFANPADYDKVQPTSK	AGAP007852-PB	-	73	4.58E-07	1	2403.258	0.85	Midgut	3R:-:2122855-2123099,2122554-2122731	exon=> In CDS Exon 6 and 5 of transcript AGAP007852-PB
JHU_Ag_78103	YQGSVLTADSGAK	AGAP007852-PB	-	74	5.42E-07	1	1296.646	2.39	Larva	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_78177	CTTDHISAAGPWLK	AGAP007852-PB	C1(Carbamidomethyl)	99	2.13E-09	1	1556.755	1.23	Head	3R:-:2123259-2123218	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_78382	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	115	3.66E-11	1	2207.991	-2.35	Head	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_78441	CTTDHISAAGPWLK	AGAP007852-PB	C1(Carbamidomethyl)	94	5.34E-09	1	1556.756	2.25	Malpighian tubule	3R:-:2123259-2123218	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_78520	FDQNVYLPYEKLQK	AGAP007852-PB	-	79	1.76E-07	1	1784.929	4.09	Malpighian tubule	3R:-:2125279-2125238	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_79186	ISILGLNNFAPGK	AGAP007852-PB	N7(Deamidated),N8(Deamidated)	102	6.66E-10	2	1343.770	1.37	Visceras	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_79232	GEKNTIVTSYNR	AGAP007852-PB	-	85	4.28E-08	1	1381.711	3.19	Malpighian tubule	3R:-:2123998-2123963	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_79959	GINWVAVGDENYGEGSSR	AGAP007852-PB	N3(Deamidated)	117	2.02E-11	1	1909.867	-0.05	Pupa	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_80474	QGLLPLTFANPADYDK	AGAP007852-PB	Q1(Deamidated)	125	4.17E-12	1	1762.909	4.4	Head	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_80997	LDSPYGDELPQK	AGAP007852-PB	-	80	1.56E-07	2	1361.657	-0.82	Midgut	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_81260	GKCTTDHISAAGPWLK	AGAP007852-PB	C3(Carbamidomethyl)	98	2.73E-09	1	1741.875	3.48	Malpighian tubule	3R:-:2123265-2123218	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_81494	FDQNVYLPYEK	AGAP007852-PB	-	63	6.98E-06	1	1415.686	1.51	Salivary gland	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_81568	LDSPYGDELPQK	AGAP007852-PB	-	87	2.98E-08	1	1361.660	1.33	Salivary gland	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB

JHU_Ag_81579	NQVTGEWAGVPDVARFYK	AGAP007852-PB	-	45	0.000545156	1	2037.030	5.52	Malpighian tubule	3R:-:2123059-2123006	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_81697	NDANPATHCFVTSPELVTALSIAGTLNFNPLTDELTGADGK	AGAP007852-PB	C9(Carbamidomethyl)	103	3.97E-10	1	4272.096	4.59	Malpighian tubule	3R:-:2123947-2125369,2123677-2123764	exon=> In CDS Exon 3 and 2 of transcript AGAP007852-PB
JHU_Ag_81769	ISILGLNNFAPGK	AGAP007852-PB	-	109	1.20E-10	1	1343.769	0.91	Head	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_81860	IKLNHSFNQQQIEWFK	AGAP007852-PB	-	134	5.19E-13	1	2060.074	1.41	Head	3R:-:2122649-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_81920	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation),"M3(Oxidation), M10(Oxidation), M12(Oxidation)"	92	9.60E-09	1	2397.201	-3.27	Salivary gland	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_82234	SAIAAEAGK	AGAP007852-PB	-	56	5.00E-05	2	817.441	-0.61	Midgut	3R:-:2124451-2124425	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_82957	KQGLLPLTFANPADYDK	AGAP007852-PB	-	110	1.20E-10	1	1891.002	3.19	Head	3R:-:2122858-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_83204	IPFNVTPGSEQIR	AGAP007852-PB	-	75	4.75E-07	1	1457.777	1.63	Malpighian tubule	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_83321	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	129	1.35E-12	1	1909.865	-1.4	Midgut	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_83643	SAIAAEAGKYQGSVLTADSGAK	AGAP007852-PB	-	199	1.55E-19	1	2095.070	1.63	Head	3R:-:2124451-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_83963	QGLLPLTFANPADYDK	AGAP007852-PB	-	108	2.48E-10	2	1762.902	0.25	Male reproductive organs	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_84024	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	135	3.23E-13	1	1909.873	2.82	Head	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_84532	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	95	3.10E-09	2	1084.513	3.47	Malpighian tubule	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_84737	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation), M10(Oxidation),"M10(Oxidation), M12(Oxidation)",M3(Oxidation),"M3(Oxidation), M12(Oxidation)"	90	1.38E-08	1	2413.208	1.79	Ovary	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_85096	NGYPMDIR	AGAP007852-PB	M5(Oxidation)	33	0.005399987	2	965.450	-1.39	Head	3R:-:2124274-2124251	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_85230	LDSPYGDELPQK	AGAP007852-PB	Q11(Deamidated)	103	7.19E-10	1	1361.660	1.42	Head	3R:-:2123754-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_85751	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl),"C9(Carbamidomethyl), Q16(Deamidated)"	126	4.09E-12	1	2274.150	-2.24	Head	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_86092	LQLLEPFDVWNGK	AGAP007852-PB	N11(Deamidated)	77	3.35E-07	1	1558.827	0.46	Malpighian tubule	3R:-:2123340-2123302	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_86344	ISILGLNNFAPGK	AGAP007852-PB	-	97	2.23E-09	2	1343.768	-0.09	Male reproductive organs	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_86395	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), M15(Oxidation),C7(Carbamidomethyl)	144	3.63E-14	1	1861.807	0.8	Pupa	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_86443	SKIPFNVTPGSEQIR	AGAP007852-PB	-	58	1.44E-05	1	1672.904	1.49	Male reproductive organs	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_86451	EHAALEPR	AGAP007852-PB	-	50	0.000139915	1	922.470	-5.01	Head	3R:-:2122945-2122922	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_87244	IHETNLK	AGAP007852-PB	-	47	0.000129973	1	854.477	4.16	Midgut	3R:-:2122879-2122859	exon=> In CDS Exon 5 of transcript AGAP007852-PB

JHU_Ag_88033	FDQNVYLPYEK	AGAP007852-PB	-	66	3.14E-06	1	1415.685	0.56	Male reproductive organs	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_88111	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	N17(Deamidated),N8(Deamidated)	33	0.004475029	1	3387.733	6.41	Larva	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_88329	ISILGLNNFAPGK	AGAP007852-PB	N7(Deamidated),N8(Deamidated)	83	5.17E-08	2	1343.769	0.73	Ovary	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_88371	IPFNVTPGSEQIRATIER	AGAP007852-PB	-	51	5.94E-05	1	2028.101	6.66	Malpighian tubule	3R:-:2124151-2124098	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_88384	MKQIAANK	AGAP007852-PB	M1(Oxidation)	49	0.000160932	2	919.504	1.35	Visceras	3R:-:2122580-2122557	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_89056	NTIVTSYNR	AGAP007852-PB	-	59	1.51E-05	1	1067.548	-0.23	Salivary gland	3R:-:2123989-2123963	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_89842	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	-	99	8.61E-10	1	3386.743	4.86	Ovary	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_91236	FLSTAGAK	AGAP007852-PB	-	51	5.60E-05	2	794.440	-0.46	Salivary gland	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_91295	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation),M22(Oxidation),"M10(Oxidation), M22(Oxidation)"	146	2.99E-14	1	2690.235	1.76	Salivary gland	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_91564	KQGLLPLTFANPADYDK	AGAP007852-PB	-	47	0.000224976	1	1890.992	-1.94	Midgut	3R:-:2122858-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_91833	YQGSVLTADSGAK	AGAP007852-PB	-	89	2.01E-08	1	1296.643	-0.25	Pupa	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_92207	LNHSFNQQQIEWFK	AGAP007852-PB	N6(Deamidated)	113	6.94E-11	1	1818.894	0.94	Salivary gland	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_92240	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	53	5.87E-05	2	1909.870	1.29	Larva	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_92680	FKLDSPYGDELPQK	AGAP007852-PB	-	104	7.47E-10	2	1636.819	-1.99	Midgut	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_92854	VADILTVK	AGAP007852-PB	-	37	0.001310156	1	858.531	1.28	Ovary	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_93524	ISILGLNNFAPGK	AGAP007852-PB	N7(Deamidated)	81	8.39E-08	2	1343.769	0.64	Salivary gland	3R:-:2122730-2122692	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_93539	LNHSFNQQQIEWFKAGSALNR	AGAP007852-PB	-	128	2.19E-12	1	2488.263	6	Malpighian tubule	3R:-:2122643-2122581	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_93685	EFGGTVLANACGPCIGQWDR	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	111	9.51E-11	1	2207.993	-1.35	Male reproductive organs	3R:-:2124073-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_93873	GFDPGMDTYEAPPSDGTSVKVDVDPK	AGAP007852-PB	M6(Oxidation)	61	7.17E-06	1	2740.233	1.25	Pupa	3R:-:2123718-2123848,2123174-2123350	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_94091	EFGGTVLANACGPCIGQWDRK	AGAP007852-PB	C11(Carbamidomethyl), C14(Carbamidomethyl)	86	3.31E-08	1	2336.097	2.61	Visceras	3R:-:2124073-2124011	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_94134	AIITKSFAR	AGAP007852-PB	-	44	7.82E-05	1	1006.606	1.86	Malpighian tubule	3R:-:2122906-2122880	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_94171	FDQNVYLPYEK	AGAP007852-PB	-	67	2.39E-06	1	1415.686	1.51	Malpighian tubule	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_94331	LGRPLTLSEK	AGAP007852-PB	-	56	1.69E-05	1	1113.663	-0.14	Salivary gland	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_94369	IPFNVTPGSEQIR	AGAP007852-PB	-	68	2.44E-06	1	1457.776	0.79	Salivary gland	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_94376	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	144	4.38E-14	1	1909.871	1.8	Salivary gland	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_94406	VLYSHLDDPANQDIER	AGAP007852-PB	-	109	2.00E-10	1	1884.911	0.98	Visceras	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_95230	DLTEMTVLIK	AGAP007852-PB	M5(Oxidation)	63	5.18E-06	2	1162.644	4.61	Head	3R:-:2123301-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_95332	NQVTGEWAGVPDVAR	AGAP007852-PB	-	100	1.71E-09	1	1598.794	0.8	Male reproductive organs	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_95404	CTTDHISAAGPWLKYR	AGAP007852-PB	C1(Carbamidomethyl)	102	1.11E-09	1	1875.924	3.93	Malpighian tubule	3R:-:2123259-2123212	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_96655	IHETNLKK	AGAP007852-PB	-	44	0.000116381	1	982.570	2.36	Malpighian tubule	3R:-:2122879-2122856	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_96798	QGLLPLTFANPADYDKVQPTSK	AGAP007852-PB	-	152	4.95E-15	1	2403.270	5.96	Malpighian tubule	3R:-:2122855-2123099,2122554-2122731	exon=> In CDS Exon 6 and 5 of transcript AGAP007852-PB
JHU_Ag_96800	DLTEMTVLIK	AGAP007852-PB	M5(Oxidation)	37	0.002401003	2	1178.637	2.44	Midgut	3R:-:2123301-2123272	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_96983	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation), M10(Oxidation),"M3(Oxidation), M10(Oxidation), M12(Oxidation)","M3(Oxidation), M12(Oxidation)",M3(Oxidation)	98	2.36E-09	1	2445.199	2.13	Head	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_97042	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation), M10(Oxidation), M12(Oxidation)	53	8.17E-05	1	2445.202	3.63	Larva	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_97122	ISGWTSPK	AGAP007852-PB	-	55	4.88E-05	2	875.463	1.14	Visceras	3R:-:2124676-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_97742	MKQIAANK	AGAP007852-PB	-	42	0.000803421	1	903.509	1.29	Malpighian tubule	3R:-:2122580-2122557	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_98084	KQGLLPLTFANPADYDK	AGAP007852-PB	-	98	1.79E-09	1	1891.000	1.93	Salivary gland	3R:-:2122858-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_98261	NQVTGEWAGVPDVAR	AGAP007852-PB	-	96	4.14E-09	1	1598.794	1.18	Ovary	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_98559	VLYSHLDDPANQDIER	AGAP007852-PB	-	115	4.67E-11	1	1884.908	-0.43	Salivary gland	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_98721	GFDPGMDTYEAPPSDGTSVK	AGAP007852-PB	M6(Oxidation)	118	1.00E-11	1	2086.893	1.08	Head	3R:-:2123718-2123848,2123174-2123368	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_98734	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	102	9.56E-10	1	2274.157	0.92	Salivary gland	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_98778	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation),M22(Oxidation),"M10(Oxidation), M22(Oxidation)"	132	6.86E-13	1	2706.229	1.65	Head	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_99639	AKDINSEVYK	AGAP007852-PB	-	75	4.47E-07	1	1166.603	-1.63	Pupa	3R:-:2124961-2124932	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_99745	IPFNVTPGSEQIRATIER	AGAP007852-PB	-	34	0.003142691	1	2028.098	5.39	Visceras	3R:-:2124151-2124098	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_100107	VDVDPKSQR	AGAP007852-PB	-	54	5.25E-05	1	1043.551	2.66	Malpighian tubule	3R:-:2123367-2123341	exon=> In CDS Exon 4 of transcript AGAP007852-PB
JHU_Ag_100983	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), M15(Oxidation)	63	4.29E-06	2	1861.812	3.42	Larva	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_101022	QGLLPLTFANPADYDK	AGAP007852-PB	-	95	4.31E-09	2	1762.901	0.18	Midgut	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_101515	NQVTGEWAGVPDVAR	AGAP007852-PB	-	120	1.41E-11	1	1598.795	1.79	Pupa	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_101740	VLYSHLDDPANQDIER	AGAP007852-PB	-	94	5.49E-09	1	1884.910	0.6	Ovary	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_102047	GHLDNISNNMFIGATNIENNEMNK	AGAP007852-PB	M10(Oxidation), M22(Oxidation)	92	7.48E-09	1	2722.226	2.41	Male reproductive organs	3R:-:2123211-2123385,2122808-2123066	exon=> In CDS Exon 5 and 4 of transcript AGAP007852-PB
JHU_Ag_102267	GINWVAVGDENYGEGSSR	AGAP007852-PB	-	85	3.32E-08	2	1909.867	-0.25	Ovary	3R:-:2122999-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_103019	IHETNLKK	AGAP007852-PB	-	42	0.000201782	1	982.568	0.39	Viscera	3R:-:2122879-2122856	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_103047	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation), M10(Oxidation), M12(Oxidation)	61	1.38E-05	1	2445.194	0.11	Male reproductive organs	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_103135	YQGSVLTADSGAKYDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	-	135	1.74E-13	1	4664.369	3.59	Malpighian tubule	3R:-:2124424-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_103349	IHETNLK	AGAP007852-PB	-	34	0.002794512	1	854.473	-0.43	Malpighian tubule	3R:-:2122879-2122859	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_103365	SAIAAEAGK	AGAP007852-PB	-	52	0.00013865	1	817.441	-0.89	Head	3R:-:2124451-2124425	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_103758	YQGSVLTADSGAK	AGAP007852-PB	-	65	4.58E-06	1	1296.652	7.15	Male reproductive organs	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_104050	DINSEVYKFLSTAGAK	AGAP007852-PB	-	114	5.15E-11	1	1742.909	7.65	Malpighian tubule	3R:-:2124955-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_104066	IKLNHSFNQQQIEWFK	AGAP007852-PB	-	87	2.40E-08	1	2060.072	0.52	Ovary	3R:-:2122649-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_104387	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), N9(Deamidated), M15(Oxidation),"C7(Carbamidomethyl), M15(Oxidation)",C7(Carbamidomethyl)	156	2.69E-15	1	1845.819	4.66	Malpighian tubule	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_104617	GINWVAVGDENYGEGSSREHAALEPR	AGAP007852-PB	-	102	9.27E-10	1	2813.337	4.51	Malpighian tubule	3R:-:2122999-2122922	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_104970	IHETNLK	AGAP007852-PB	-	50	6.81E-05	1	854.468	-5.77	Head	3R:-:2122879-2122859	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_105112	YDQVIEINLDTLEPHINGPFTPDLAHPISK	AGAP007852-PB	N17(Deamidated)	168	1.36E-16	1	3386.729	0.54	Salivary gland	3R:-:2124385-2124296	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_105404	VAMQDATAQMAMLQFISSGLK	AGAP007852-PB	M3(Oxidation), M10(Oxidation),"M10(Oxidation), M12(Oxidation)","M3(Oxidation), M12(Oxidation)",M12(Oxidation),"M3(Oxidation), M10(Oxidation), M12(Oxidation)"	141	1.30E-13	1	2273.099	0.59	Head	3R:-:2125102-2125040	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_105414	GFDPGMDTYEAPPSDGTSVKVDVDPK	AGAP007852-PB	M6(Oxidation)	38	0.001937251	1	2724.237	0.76	Ovary	3R:-:2123718-2123848,2123174-2123350	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_105913	SAIAAEAGKYQGSVLTADSGAK	AGAP007852-PB	-	47	0.000283968	2	2095.064	-1.28	Salivary gland	3R:-:2124451-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_106177	YQGSVLTADSGAK	AGAP007852-PB	-	70	1.42E-06	2	1296.647	3.33	Ovary	3R:-:2124424-2124386	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_106391	ISILGLNNFAPGKQLDCEIK	AGAP007852-PB	C17(Carbamidomethyl)	75	2.28E-07	1	2230.203	5.84	Malpighian tubule	3R:-:2122730-2122671	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_106693	ATIERDGIAK	AGAP007852-PB	-	79	2.43E-07	1	1073.597	2.05	Malpighian tubule	3R:-:2124112-2124083	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_106974	LNHSFNQQQIEWFK	AGAP007852-PB	Q7(Deamidated),Q8(Deamidated),Q9(Deamidated)	112	1.06E-10	1	1818.899	3.96	Ovary	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_107113	LNHSFNQQQIEWFK	AGAP007852-PB	N6(Deamidated),N2(Deamidated)	128	2.32E-12	1	1818.896	2.15	Visceras	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_107146	QGLLPLTFANPADYDK	AGAP007852-PB	-	66	3.11E-06	2	1762.909	4.61	Ovary	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_107261	FKLDSPYGDELPQK	AGAP007852-PB	-	116	4.22E-11	1	1636.824	1.22	Head	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_107538	QGLLPLTFANPADYDK	AGAP007852-PB	-	114	5.59E-11	1	1762.913	6.62	Malpighian tubule	3R:-:2122855-2122808	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_107693	LTGKISGWTSPK	AGAP007852-PB	-	54	3.37E-05	1	1274.715	3.83	Malpighian tubule	3R:-:2124688-2124653	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_108667	IPFNVTPGSEQIR	AGAP007852-PB	-	68	2.54E-06	1	1457.778	1.88	Visceras	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_108939	MADYLASTGR	AGAP007852-PB	M1(Oxidation)	86	2.35E-08	2	1084.512	2.35	Visceras	3R:-:2124481-2124452	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_109112	LNHSFNQQQIEWFK	AGAP007852-PB	-	122	8.57E-12	1	1818.893	0.68	Male reproductive organs	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_109130	EHAALEPR	AGAP007852-PB	-	37	0.002818479	1	922.474	-0.64	Midgut	3R:-:2122945-2122922	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_109445	IHETNLK	AGAP007852-PB	-	42	0.000499236	1	854.474	0.71	Visceras	3R:-:2122879-2122859	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_109491	GFDPGMDTYEAPPSDGTSVKVDVDPK	AGAP007852-PB	M6(Oxidation)	62	5.45E-06	1	2740.229	-0.22	Visceras	3R:-:2123718-2123848,2123174-2123350	exon=> In CDS Exon 4 and 3 of transcript AGAP007852-PB
JHU_Ag_110749	VLYSHLDDPANQDIER	AGAP007852-PB	-	107	2.69E-10	1	1884.913	2.09	Malpighian tubule	3R:-:2125183-2125136	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_110806	VAVPSTIHCDHLIEAQIGGEK	AGAP007852-PB	C9(Carbamidomethyl)	51	0.000127663	1	2274.166	5.11	Larva	3R:-:2125036-2124974	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_110882	TFKEFGGTVLANACGPCIGQWDR	AGAP007852-PB	C14(Carbamidomethyl),C17(Carbamidomethyl)	110	1.52E-10	1	2584.208	0.46	Malpighian tubule	3R:-:2124082-2124014	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_111228	NTIVTSYNR	AGAP007852-PB	-	45	0.000374421	1	1067.551	2.36	Head	3R:-:2123989-2123963	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_111412	NQVTGEWAGVPDVAR	AGAP007852-PB	N1(Deamidated),Q2(Deamidated)	117	3.05E-11	1	1598.798	3.39	Visceras	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_111442	IKLNHSFNQQQIEWFK	AGAP007852-PB	-	108	1.85E-10	1	2060.077	2.87	Salivary gland	3R:-:2122649-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_112377	FDQNVYLPYEK	AGAP007852-PB	-	76	2.98E-07	1	1415.689	3.15	Visceras	3R:-:2125279-2125247	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_112544	FLSTAGAK	AGAP007852-PB	-	39	0.000938218	1	794.440	-0.6	Male reproductive organs	3R:-:2124931-2124908	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_112864	IPFNVTPGSEQIR	AGAP007852-PB	-	63	7.86E-06	1	1457.775	0.21	Male reproductive organs	3R:-:2124151-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_113677	NTIVTSYNR	AGAP007852-PB	-	63	6.98E-06	1	1067.550	1.83	Malpighian tubule	3R:-:2123989-2123963	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_113825	LNHSFNQQQIEWFK	AGAP007852-PB	Q7(Deamidated)	124	5.74E-12	1	1818.899	3.9	Malpighian tubule	3R:-:2122643-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_113997	IHETNLKK	AGAP007852-PB	-	37	0.000756951	1	982.565	-3.17	Male reproductive organs	3R:-:2122879-2122856	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_114118	IKLNHSFNQQQIEWFK	AGAP007852-PB	N4(Deamidated)	130	1.25E-12	1	2060.079	3.81	Malpighian tubule	3R:-:2122649-2122602	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_114840	SKIPFNVTPGSEQIR	AGAP007852-PB	-	54	4.28E-05	1	1672.904	1.47	Ovary	3R:-:2124157-2124113	exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_114844	SKGINWVAVGDENYGEGSSR	AGAP007852-PB	-	113	9.12E-11	1	2125.004	4.49	Malpighian tubule	3R:-:2123005-2122946	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_114851	LGRPLTLSEK	AGAP007852-PB	-	56	1.78E-05	1	1113.661	-1.12	Pupa	3R:-:2125213-2125184	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_114937	QLDCEIK	AGAP007852-PB	C4(Carbamidomethyl)	48	0.000288081	2	905.442	2.1	Malpighian tubule	3R:-:2122691-2122671	exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_115045	IHETNLKK	AGAP007852-PB	-	40	0.000361313	2	982.568	0.06	Salivary gland	3R:-:2122879-2122856	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_115536	IHETNLK	AGAP007852-PB	-	47	0.000129375	1	854.475	2.16	Salivary gland	3R:-:2122879-2122859	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_116529	NQVTGEWAGVPDVAR	AGAP007852-PB	N1(Deamidated),Q2(Deamidated)	120	1.44E-11	1	1598.794	1.03	Head	3R:-:2123059-2123015	exon=> In CDS Exon 5 of transcript AGAP007852-PB
JHU_Ag_116962	VGLIGSCTNSSYEDMGR	AGAP007852-PB	C7(Carbamidomethyl), N9(Deamidated), M15(Oxidation),"C7(Carbamidomethyl), M15(Oxidation)",C7(Carbamidomethyl)	136	1.95E-13	1	1861.807	0.86	Midgut	3R:-:2124250-2124200	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_117007	VADILTVK	AGAP007852-PB	-	68	1.26E-06	2	858.530	-0.02	Salivary gland	3R:-:2124637-2124614	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_117009	VAMQDATAQMAMLQFISSGLKR	AGAP007852-PB	M3(Oxidation), M12(Oxidation),"M3(Oxidation), M10(Oxidation)","M10(Oxidation), M12(Oxidation)","M3(Oxidation), M10(Oxidation), M12(Oxidation)",M10(Oxidation),M3(Oxidation),M12(Oxidation)	128	2.49E-12	1	2397.220	4.44	Visceras	3R:-:2125102-2125037	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_117290	FKLDSPYGDELPQK	AGAP007852-PB	-	113	8.69E-11	1	1636.825	1.82	Salivary gland	3R:-:2123760-2123719	exon=> In CDS Exon 3 of transcript AGAP007852-PB
JHU_Ag_117506	VAVPSTIHCDHLIEAQIGGEKDLAR	AGAP007852-PB	C9(Carbamidomethyl)	76	2.17E-07	1	2729.408	1.44	Ovary	3R:-:2125036-2124962	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_117836	VLYSHLDDPANQDIERGVSYLR	AGAP007852-PB	-	115	4.12E-11	1	2560.295	6.23	Malpighian tubule	3R:-:2125183-2125118	exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_97964	LAGRNLLR	AGAP007854-PA	-	30	0.004113407	1	912.564	-10.6	Male reproductive organs	3R:-:2141738-2141715	exon=> In CDS Exon 8 of transcript AGAP007854-PA
JHU_Ag_7098	EICNAYTELNDPAVQR	AGAP007858-PA	C3(Carbamidomethyl)	56	3.22E-05	2	1892.882	0.46	Ovary	3R:-:2252330-2252283	exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_25138	EICNAYTELNDPAVQR	AGAP007858-PA	C3(Carbamidomethyl)	95	4.84E-09	2	1892.886	2.78	Malpighian tubule	3R:-:2252330-2252283	exon=> In CDS Exon 2 of transcript AGAP007858-PA
JHU_Ag_2888	LREFIFTTGLDR	AGAP007860-PA,AGAP007860-PB	-	56	1.94E-05	1	1467.796	0.05	Malpighian tubule	3R:+:2333205-2333240;3R:+:2333205-2333240	exon=> In CDS Exon 3 of transcript AGAP007860-PA;exon=> In CDS Exon 3 of transcript AGAP007860-PB
JHU_Ag_17509	VTWAHAVNDAEFLTR	AGAP007860-PA,AGAP007860-PB	-	69	1.79E-06	2	1729.871	2.85	Midgut	3R:+:2332455-2332499;3R:+:2332455-2332499	exon=> In CDS Exon 2 of transcript AGAP007860-PA;exon=> In CDS Exon 2 of transcript AGAP007860-PB
JHU_Ag_69514	VGNAITFPVR	AGAP007860-PA,AGAP007860-PB	-	48	0.000142043	2	1073.614	3.65	Larva	3R:+:2333055-2333084;3R:+:2333055-2333084	exon=> In CDS Exon 3 of transcript AGAP007860-PA;exon=> In CDS Exon 3 of transcript AGAP007860-PB
JHU_Ag_70600	EIPIMAHPPATESDISLETFLQR	AGAP007860-PA,AGAP007860-PB	M5(Oxidation)	56	2.77E-05	1	2611.324	6.31	Larva	3R:+:2332635-2332703;3R:+:2332635-2332703	exon=> In CDS Exon 3 of transcript AGAP007860-PA;exon=> In CDS Exon 3 of transcript AGAP007860-PB

JHU_Ag_88250	EIPIMAHPPATESDISLETFLQR	AGAP007860-PA,AGAP007860-PB	M5(Oxidation)	66	3.43E-06	1	2611.306	-0.63	Midgut	3R:+:2332635-2332703;3R:+:2332635-2332703	exon=> In CDS Exon 3 of transcript AGAP007860-PA;exon=> In CDS Exon 3 of transcript AGAP007860-PB
JHU_Ag_114859	TYVDVPDDLHK	AGAP007860-PA,AGAP007860-PB	-	33	0.00716021	1	1301.639	1.41	Midgut	3R:+:2333241-2333273;3R:+:2333241-2333273	exon=> In CDS Exon 3 of transcript AGAP007860-PA;exon=> In CDS Exon 3 of transcript AGAP007860-PB
JHU_Ag_78467	VKLAVHQLTK	AGAP007863-PA	-	28	0.000688747	1	1136.715	0.01	Malpighian tubule	3R:+:2350465-2350494	exon=> In CDS Exon 3 of transcript AGAP007863-PA
JHU_Ag_9814	KLEVEANHAFDQYR	AGAP007864-PB	-	91	1.43E-08	1	1719.857	6.91	Malpighian tubule	3R:+:2355382-2355423	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_26504	SIQSLADTNQQATMKK	AGAP007864-PB	M14(Oxidation)	67	3.19E-06	1	1779.892	0.51	Male reproductive organs	3R:+:2356404-2356451	exon=> In CDS Exon 3 of transcript AGAP007864-PB
JHU_Ag_31147	DLAAALLRR	AGAP007864-PB	-	38	0.000901171	2	998.612	1.88	Malpighian tubule	3R:+:2356452-2356478	exon=> In CDS Exon 3 of transcript AGAP007864-PB
JHU_Ag_33665	KLEVEANHAFDQYR	AGAP007864-PB	-	48	0.000309369	1	1719.843	-1.36	Midgut	3R:+:2355382-2355423	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_41133	RLPPQQIEK	AGAP007864-PB	-	30	0.004142374	1	1108.648	0.34	Male reproductive organs	3R:+:2355142-2355168	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_43829	LEVEANHAFDQYR	AGAP007864-PB	-	84	5.53E-08	1	1591.752	1.26	Head	3R:+:2355385-2355423	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_44471	RLPPQQIEK	AGAP007864-PB	-	53	2.01E-05	2	1108.646	-0.87	Head	3R:+:2355142-2355168	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_57289	SPWSNTYDPPLEDGSMPSER	AGAP007864-PB	M16(Oxidation)	32	0.003259838	2	2280.961	-4.38	Midgut	3R:+:2355316-2355375	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_63339	GCWDSIHVVEVQEK	AGAP007864-PB	C2(Carbamidomethyl)	91	1.26E-08	2	1685.802	3.74	Head	3R:+:2355535-2355576	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_78811	QGSGTINLGGSLTR	AGAP007864-PB	-	60	1.45E-05	2	1360.721	1.95	Pupa	3R:+:2355643-2355684	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_79980	KLEVEANHAFDQYR	AGAP007864-PB	-	125	5.50E-12	1	1719.848	1.59	Male reproductive organs	3R:+:2355382-2355423	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_84201	QIEQDAPVSETSPHIANIGR	AGAP007864-PB	-	97	3.11E-09	1	2162.084	-0.01	Pupa	3R:+:2355685-2355687,2356260-2356316	exon=> In CDS Exon 2 and 3 of transcript AGAP007864-PB
JHU_Ag_84477	RLPPQQIEK	AGAP007864-PB	-	35	0.001378	1	1108.646	-0.87	Malpighian tubule	3R:+:2355142-2355168	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_84622	KLEVEANHAFDQYR	AGAP007864-PB	-	88	2.74E-08	1	1719.848	1.52	Ovary	3R:+:2355382-2355423	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_97086	KLEVEANHAFDQYR	AGAP007864-PB	-	43	0.000855378	2	1719.841	-2.31	Head	3R:+:2355382-2355423	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_100854	NTLNEIYFGK	AGAP007864-PB	-	59	1.54E-05	2	1198.611	0.69	Pupa	3R:+:2356347-2356376	exon=> In CDS Exon 3 of transcript AGAP007864-PB
JHU_Ag_103220	QGSGTINLGGSLTR	AGAP007864-PB	-	55	4.17E-05	2	1360.720	1.59	Head	3R:+:2355643-2355684	exon=> In CDS Exon 2 of transcript AGAP007864-PB
JHU_Ag_105876	SIQSLADTNQQATMKK	AGAP007864-PB	M14(Oxidation)	65	5.48E-06	1	1779.898	4.42	Malpighian tubule	3R:+:2356404-2356451	exon=> In CDS Exon 3 of transcript AGAP007864-PB
JHU_Ag_108259	QIEQDAPVSETSPHIANIGR	AGAP007864-PB	-	118	2.54E-11	1	2162.089	2.4	Malpighian tubule	3R:+:2355685-2355687,2356260-2356316	exon=> In CDS Exon 2 and 3 of transcript AGAP007864-PB
JHU_Ag_110152	QIEQDAPVSETSPHIANIGR	AGAP007864-PB	-	102	9.26E-10	1	2162.090	2.7	Midgut	3R:+:2355685-2355687,2356260-2356316	exon=> In CDS Exon 2 and 3 of transcript AGAP007864-PB
JHU_Ag_115460	DLAAALLR	AGAP007864-PB	-	61	8.82E-06	1	842.510	0.18	Ovary	3R:+:2356452-2356475	exon=> In CDS Exon 3 of transcript AGAP007864-PB
JHU_Ag_117255	QIEQDAPVSETSPHIANIGR	AGAP007864-PB	-	105	5.19E-10	1	2162.082	-0.99	Head	3R:+:2355685-2355687,2356260-2356316	exon=> In CDS Exon 2 and 3 of transcript AGAP007864-PB

JHU_Ag_2971	LLAAIR	AGAP007865-PA	-	36	0.000184543	1	656.445	-0.62	Midgut	3R:+:2361044-2361061	exon=> In CDS Exon 2 of transcript AGAP007865-PA
JHU_Ag_6608	LLAAIR	AGAP007865-PA	-	39	0.000332082	1	656.447	2.17	Salivary gland	3R:+:2361044-2361061	exon=> In CDS Exon 2 of transcript AGAP007865-PA
JHU_Ag_73997	LLAAIR	AGAP007865-PA	-	26	0.001770509	1	656.447	1.8	Malpighian tubule	3R:+:2361044-2361061	exon=> In CDS Exon 2 of transcript AGAP007865-PA
JHU_Ag_2452	SSADKNSEVEVENVAAAEEK	AGAP007867-PA	N-Term(Acetyl)	124	4.55E-12	1	2147.993	-0.25	Visceras	3R:+:2377600-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_9767	SSADKNSEVEVENVAAAEEK	AGAP007867-PA	N-Term(Acetyl)	183	6.12E-18	1	2147.993	-0.59	Head	3R:+:2377600-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_32791	NSEVEVENVAAAEEK	AGAP007867-PA	N1(Deamidated), N8(Deamidated)	112	8.24E-11	1	1617.764	2.03	Malpighian tubule	3R:+:2377615-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_39141	SSADKNSEVEVENVAAAEEK	AGAP007867-PA	N-Term(Acetyl)	32	0.007192918	3	2147.992	-0.96	Midgut	3R:+:2377600-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_44610	SSADKNSEVEVENVAAAEEK	AGAP007867-PA	N-Term(Acetyl)	133	6.08E-13	1	2147.999	2.25	Malpighian tubule	3R:+:2377600-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_60510	NSEVEVENVAAAEEK	AGAP007867-PA	-	149	1.68E-14	1	1617.764	2.33	Ovary	3R:+:2377615-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_62941	NSEVEVENVAAAEEK	AGAP007867-PA	N1(Deamidated)	143	5.55E-14	2	1617.760	-0.09	Head	3R:+:2377615-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_76786	NSEVEVENVAAAEEK	AGAP007867-PA	-	110	1.08E-10	2	1617.762	0.97	Midgut	3R:+:2377615-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_111085	SSADKNSEVEVENVAAAEEK	AGAP007867-PA	N-Term(Acetyl)	187	2.42E-18	1	2147.998	2.03	Ovary	3R:+:2377600-2377659	exon=> In CDS Exon 1 of transcript AGAP007867-PA
JHU_Ag_2598	FPFLGVHFTPR	AGAP007868-PA	-	71	1.29E-06	1	1317.708	-1.72	Midgut	3R:+:2392479-2392511	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_4224	FSEAPDNLDYPIVVR	AGAP007868-PA	-	94	6.96E-09	1	1734.874	2.25	Malpighian tubule	3R:+:2392242-2392286	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_4972	SLANNVPDVQVVDQAK	AGAP007868-PA	-	70	1.15E-06	2	1696.877	-5.39	Head	3R:+:2392044-2392091	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_14594	NAPSPGATSSLSIAK	AGAP007868-PA	-	60	1.42E-05	2	1400.737	-0.41	Midgut	3R:+:2392872-2392916	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_16550	SLANNVPDVQVVDQAK	AGAP007868-PA	-	65	3.47E-06	1	1696.889	1.66	Malpighian tubule	3R:+:2392044-2392091	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_21116	LIVATNPVEVER	AGAP007868-PA	-	40	0.000393968	2	1339.764	4.59	Larva	3R:+:2391673-2391708	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_21513	NAPSPGATSSLSIAK	AGAP007868-PA	-	48	0.00023644	2	1400.737	-0.85	Pupa	3R:+:2392872-2392916	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_22042	FIPDIHEYDVAR	AGAP007868-PA	-	55	4.74E-05	1	1474.738	3.66	Malpighian tubule	3R:+:2392719-2392754	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_24498	FSEAPDNLDYPIVVR	AGAP007868-PA	-	94	7.68E-09	1	1734.873	1.62	Visceras	3R:+:2392242-2392286	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_25651	IAIVEKEPK	AGAP007868-PA	-	36	0.001079107	2	1026.621	1.9	Ovary	3R:+:2391490-2391516	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_27587	NAPSPGATSSLSIAK	AGAP007868-PA	-	72	8.53E-07	1	1400.738	0.11	Malpighian tubule	3R:+:2392872-2392916	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_33609	MDGSVWLGPNAVLAFR	AGAP007868-PA	M1(Oxidation)	91	1.36E-08	2	1748.880	0.49	Midgut	3R:+:2392512-2392559	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_34364	MIADKIEHEFHIGK	AGAP007868-PA	-	36	0.003724044	1	1667.861	2.22	Malpighian tubule	3R:+:2392917-2392958	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_34500	LIVATNPVEVER	AGAP007868-PA	-	76	1.05E-07	2	1339.763	4.04	Salivary gland	3R:+:2391673-2391708	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_35651	IKEIEPYCQGLK	AGAP007868-PA	C8(Carbamidomethyl)	44	0.000614489	1	1477.773	1.01	Salivary gland	3R:+:2392092-2392127	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_36186	IKEIEPYCQGLK	AGAP007868-PA	C8(Carbamidomethyl)	56	4.17E-05	1	1477.773	0.52	Malpighian tubule	3R:+:2392092-2392127	exon=> In CDS Exon 3 of transcript AGAP007868-PA

JHU_Ag_37489	IAIVEKEPK	AGAP007868-PA	-	46	0.000133527	1	1026.619	-0.83	Malpighian tubule	3R:+:2391490-2391516	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_38472	SLANNVPDVQVVDQAK	AGAP007868-PA	-	90	1.28E-08	1	1696.871	-9.42	Midgut	3R:+:2392044-2392091	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_39417	LNDLYQR	AGAP007868-PA	-	41	0.001091068	1	921.478	-0.54	Midgut	3R:+:2391709-2391714,2392029-2392043	exon=> In CDS Exon 2 and 3 of transcript AGAP007868-PA
JHU_Ag_39886	IKEIEPYCQGLK	AGAP007868-PA	C8(Carbamidomethyl)	61	1.25E-05	1	1477.770	-1.13	Midgut	3R:+:2392092-2392127	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_41870	AQALDNDGNLVDDFVFDHGTGESVLSK	AGAP007868-PA	-	153	7.65E-15	1	2863.348	3.48	Malpighian tubule	3R:+:2392773-2392853	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_44623	IEHEFHIGK	AGAP007868-PA	-	42	0.000898691	2	1109.569	-4.15	Head	3R:+:2392932-2392958	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_48420	LIVATNPVEVER	AGAP007868-PA	-	56	8.49E-06	2	1339.759	0.4	Pupa	3R:+:2391673-2391708	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_51294	HILTCGGLQSDK	AGAP007868-PA	C5(Carbamidomethyl)	43	0.000586189	2	1328.659	-3.03	Head	3R:+:2392317-2392352	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_54953	FVGAGMMEIAR	AGAP007868-PA	M6(Oxidation), M7(Oxidation)	46	0.000268537	2	1213.569	-1.11	Midgut	3R:+:2392647-2392679	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_55718	AAGGDVYINFK	AGAP007868-PA	-	57	2.19E-05	2	1154.587	2.58	Salivary gland	3R:+:2392200-2392232	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_55821	AIWSPHTGIVDWGLVTQYYGR	AGAP007868-PA	-	46	0.000371408	1	2419.228	3.65	Salivary gland	3R:+:2392128-2392190	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_55972	SALIPLQVR	AGAP007868-PA	-	31	0.001230609	2	996.620	-0.11	Pupa	3R:+:2392680-2392706	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_58604	LIVATNPVEVER	AGAP007868-PA	-	62	2.23E-06	2	1339.758	0.21	Head	3R:+:2391673-2391708	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_59559	FPFLGVHFTPR	AGAP007868-PA	-	39	0.001771002	1	1317.712	1.06	Pupa	3R:+:2392479-2392511	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_62291	FPFLGVHFTPR	AGAP007868-PA	-	85	4.48E-08	1	1317.711	0.29	Malpighian tubule	3R:+:2392479-2392511	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_68935	AQALDNDGNLVDDFVFDHGTGESVLSK	AGAP007868-PA	-	104	6.26E-10	1	2863.348	3.54	Ovary	3R:+:2392773-2392853	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_70879	FPFLGVHFTPR	AGAP007868-PA	-	51	0.000109451	1	1317.713	2.24	Ovary	3R:+:2392479-2392511	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_70910	EILLRHPALR	AGAP007868-PA	-	38	0.000181844	1	1217.747	-0.46	Malpighian tubule	3R:+:2391460-2391489	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_70983	FSEAPDNLDYPIVVR	AGAP007868-PA	-	91	1.30E-08	1	1734.877	3.87	Ovary	3R:+:2392242-2392286	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_77346	AQALDNDGNLVDDFVFDHGTGESVLSK	AGAP007868-PA	-	112	9.45E-11	1	2863.336	-0.68	Visceras	3R:+:2392773-2392853	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_81810	AQALDNDGNLVDDFVFDHGTGESVLSK	AGAP007868-PA	-	68	2.26E-06	1	2863.345	2.33	Pupa	3R:+:2392773-2392853	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_84410	LIVATNPVEVER	AGAP007868-PA	-	80	3.68E-08	2	1339.757	-0.42	Midgut	3R:+:2391673-2391708	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_87350	AIWSPHTGIVDWGLVTQYYGR	AGAP007868-PA	-	51	0.000120042	1	2419.236	6.98	Ovary	3R:+:2392128-2392190	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_87600	GNIYPVPDPR	AGAP007868-PA	-	46	0.000260932	2	1127.582	-1.98	Midgut	3R:+:2392449-2392478	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_88004	MDGSVWLGPNAVLAFRR	AGAP007868-PA	M1(Oxidation)	69	1.50E-06	1	1904.996	8.14	Malpighian tubule	3R:+:2392512-2392562	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_92025	AQALDNDGNLVDDFVFDHGTGESVLSK	AGAP007868-PA	-	104	5.56E-10	1	2863.339	0.16	Midgut	3R:+:2392773-2392853	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_97379	SLANNVPDVQVVDQAK	AGAP007868-PA	-	58	1.62E-05	2	1696.889	1.37	Pupa	3R:+:2392044-2392091	exon=> In CDS Exon 3 of transcript AGAP007868-PA

JHU_Ag_99421	GNIYPVPDPRFPFLGVHFTPR	AGAP007868-PA	-	50	8.41E-05	1	2426.288	4.45	Malpighian tubule	3R:+:2392449-2392511	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_100296	NAPSPGATSSLSIAK	AGAP007868-PA	-	33	0.00696002	1	1400.740	1.16	Head	3R:+:2392872-2392916	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_101784	AIWSPHTGIVDWGLVTQYYGR	AGAP007868-PA	-	49	0.000164263	1	2419.226	2.51	Visceras	3R:+:2392128-2392190	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_103995	AIWSPHTGIVDWGLVTQYYGR	AGAP007868-PA	-	87	2.85E-08	1	2419.222	1.23	Midgut	3R:+:2392128-2392190	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_104794	SALIPLQVR	AGAP007868-PA	-	25	0.004318849	1	996.622	2.03	Malpighian tubule	3R:+:2392680-2392706	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_105141	FSEAPDNLDYPIVVR	AGAP007868-PA	-	88	3.20E-08	2	1734.868	-1.27	Midgut	3R:+:2392242-2392286	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_107300	AQALDNDGNLVDDFVFDHGTGESVLSK	AGAP007868-PA	Q2(Deamidated)	137	2.85E-13	1	2863.344	1.95	Head	3R:+:2392773-2392853	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_108366	FSEAPDNLDYPIVVR	AGAP007868-PA	-	63	8.68E-06	1	1734.874	2.39	Head	3R:+:2392242-2392286	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_109768	LNDLYQR	AGAP007868-PA	-	44	0.000570006	2	921.474	-5.18	Head	3R:+:2391709-2391714,2392029-2392043	exon=> In CDS Exon 2 and 3 of transcript AGAP007868-PA
JHU_Ag_113599	AAGGDVYINFK	AGAP007868-PA	-	43	0.000598406	2	1154.585	1	Malpighian tubule	3R:+:2392200-2392232	exon=> In CDS Exon 3 of transcript AGAP007868-PA
JHU_Ag_116213	LIVATNPVEVERLNDLYQR	AGAP007868-PA	-	51	3.81E-05	1	2242.230	4.65	Malpighian tubule	3R:+:2391673-2391714,2392029-2392043	exon=> In CDS Exon 2 and 3 of transcript AGAP007868-PA
JHU_Ag_116942	LIVATNPVEVER	AGAP007868-PA	-	35	0.001191328	2	1339.761	2.31	Malpighian tubule	3R:+:2391673-2391708	exon=> In CDS Exon 2 of transcript AGAP007868-PA
JHU_Ag_4122	LAMGGEFAYQYGPAVPGGQIALMSAAR	AGAP007871-PA	M3(Oxidation), M23(Oxidation)	40	0.001524707	3	2829.370	0.07	Midgut	3R:+:2402657-2402739,2402812-2402812	exon=> In CDS Exon 3 and 4 of transcript AGAP007871-PA
JHU_Ag_8370	GLSNHFQVSHTINLNSSNTSGYR	AGAP007871-PA	-	123	8.43E-12	1	2533.221	1.12	Head	3R:+:2402222-2402290	exon=> In CDS Exon 2 of transcript AGAP007871-PA
JHU_Ag_21853	FGAMYVGTK	AGAP007871-PA	-	40	0.00083717	2	973.480	-0.96	Midgut	3R:+:2402291-2402317	exon=> In CDS Exon 2 of transcript AGAP007871-PA
JHU_Ag_27430	SDLVFR	AGAP007871-PA	-	56	2.33E-05	2	736.399	-0.33	Male reproductive organs	3R:+:2402981-2402998	exon=> In CDS Exon 4 of transcript AGAP007871-PA
JHU_Ag_30339	VTAAQLTTDYK	AGAP007871-PA	-	77	2.27E-07	2	1210.630	-1.34	Ovary	3R:+:2402525-2402557	exon=> In CDS Exon 3 of transcript AGAP007871-PA
JHU_Ag_32080	VTAAQLTTDYK	AGAP007871-PA	-	89	1.22E-08	2	1210.633	1.48	Malpighian tubule	3R:+:2402525-2402557	exon=> In CDS Exon 3 of transcript AGAP007871-PA
JHU_Ag_35977	VTAAQLTTDYK	AGAP007871-PA	-	39	0.001286541	2	1210.631	-0.03	Male reproductive organs	3R:+:2402525-2402557	exon=> In CDS Exon 3 of transcript AGAP007871-PA
JHU_Ag_52733	FASQIQSSK	AGAP007871-PA	-	67	2.77E-06	2	995.515	-0.86	Midgut	3R:+:2402426-2402437,2402510-2402524	exon=> In CDS Exon 2 and 3 of transcript AGAP007871-PA
JHU_Ag_56417	VTAAQLTTDYK	AGAP007871-PA	-	88	1.64E-08	2	1210.629	-2.25	Midgut	3R:+:2402525-2402557	exon=> In CDS Exon 3 of transcript AGAP007871-PA
JHU_Ag_57256	LGCGLIVG	AGAP007871-PA	C3(Carbamidomethyl)	41	0.001950958	1	788.437	3.79	Malpighian tubule	3R:+:2403113-2403136	exon=> In CDS Exon 4 of transcript AGAP007871-PA
JHU_Ag_57369	FASQIQSSK	AGAP007871-PA	-	53	6.70E-05	2	995.516	-0.06	Male reproductive organs	3R:+:2402426-2402437,2402510-2402524	exon=> In CDS Exon 2 and 3 of transcript AGAP007871-PA
JHU_Ag_61500	KLQPLPFTFALSGMLNHTK	AGAP007871-PA	M14(Oxidation)	113	3.87E-11	1	2159.164	-1.93	Midgut	3R:+:2403044-2403100	exon=> In CDS Exon 4 of transcript AGAP007871-PA
JHU_Ag_62356	VTAAQLTTDYKGPNYTTSLTIGNPNIINNSGVVVAHYLQAVTNK	AGAP007871-PA	-	39	0.000485797	1	4661.429	1.66	Midgut	3R:+:2402525-2402656	exon=> In CDS Exon 3 of transcript AGAP007871-PA

JHU_Ag_70331	MQESVATIGYQVDLPK	AGAP007871-PA	M1(Oxidation)	74	6.02E-07	2	1794.898	2.06	Midgut	3R:+:2402933-2402980	exon=> In CDS Exon 4 of transcript AGAP007871-PA
JHU_Ag_78897	GMLDSNWTVGAVLEK	AGAP007871-PA	M2(Oxidation)	114	7.40E-11	2	1635.805	0.12	Midgut	3R:+:2402999-2403043	exon=> In CDS Exon 4 of transcript AGAP007871-PA
JHU_Ag_80225	QLSPTEAFPVVLGDIDPSGNLNANIIHQLTPK	AGAP007871-PA	-	65	1.45E-06	1	3398.801	1.73	Midgut	3R:+:2402318-2402413	exon=> In CDS Exon 2 of transcript AGAP007871-PA
JHU_Ag_108267	DVMPVNFEGAK	AGAP007871-PA	M3(Oxidation)	41	0.001043044	1	1222.577	-0.51	Ovary	3R:+:2401964-2401964,2402175-2402206	exon=> In CDS Exon 1 and 2 of transcript AGAP007871-PA
JHU_Ag_109475	SDLVFR	AGAP007871-PA	-	49	0.000182866	2	736.399	0.66	Midgut	3R:+:2402981-2402998	exon=> In CDS Exon 4 of transcript AGAP007871-PA
JHU_Ag_114478	SDLVFR	AGAP007871-PA	-	46	0.000370794	2	736.399	0.41	Ovary	3R:+:2402981-2402998	exon=> In CDS Exon 4 of transcript AGAP007871-PA
JHU_Ag_43918	ALNGFLEFFQR	AGAP007872-PA	N-Term(Acetyl)	89	1.54E-08	1	1383.710	3.26	Ovary	3R:-:2404959-2404927	exon=> In CDS Exon 1 of transcript AGAP007872-PA
JHU_Ag_18079	NFGNNLDDYLHLIIPAIVK	AGAP007873-PA	-	89	8.31E-09	1	2169.180	4.52	Ovary	3R:+:2409471-2409527	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_39627	NLTIQR	AGAP007873-PA	Q5(Deamidated)	38	0.004465241	2	745.421	0.37	Visceras	3R:+:2412724-2412741	exon=> In CDS Exon 3 of transcript AGAP007873-PA
JHU_Ag_43171	AIGDLAEVIGGHHVLQK	AGAP007873-PA	-	59	8.42E-06	1	1756.974	1.99	Ovary	3R:+:2408517-2408567	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_55317	AIGDLAEVIGGHHVLQK	AGAP007873-PA	-	42	0.000397412	1	1756.971	0.43	Head	3R:+:2408517-2408567	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_65699	ISRYSNNLR	AGAP007873-PA	N6(Deamidated)	34	0.005027288	1	1123.583	-1.94	Head	3R:+:2406423-2406449	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_66493	ILVVGITDVDPAVR	AGAP007873-PA	-	37	0.000503431	2	1466.862	2.94	Ovary	3R:+:2408097-2408138	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_76227	VHGALIVFNEILR	AGAP007873-PA	-	46	5.76E-05	3	1480.868	3.28	Ovary	3R:+:2406897-2406935	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_78751	TVANYLLTLLR	AGAP007873-PA	-	67	4.33E-07	2	1276.767	3.72	Ovary	3R:+:2407341-2407373	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_83290	TVANYLLTLLR	AGAP007873-PA	-	64	8.57E-07	1	1276.763	0.66	Salivary gland	3R:+:2407341-2407373	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_96287	VLGLLGALDPYK	AGAP007873-PA	-	31	0.002341607	2	1258.745	3.62	Ovary	3R:+:2408781-2408816	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_110553	ILVVGITDVDPAVR	AGAP007873-PA	-	76	7.84E-08	2	1466.857	-0.3	Midgut	3R:+:2408097-2408138	exon=> In CDS Exon 2 of transcript AGAP007873-PA
JHU_Ag_74548	QQAQEAR	AGAP007875-PA	Q4(Deamidated)	32	0.003354325	1	831.385	-12.83	Pupa	3R:+:2418489-2418509	exon=> In CDS Exon 1 of transcript AGAP007875-PA
JHU_Ag_109504	ADEGGEQEEQNASSTAAGHNQGQTIIIPTK	AGAP007878-PA	-	55	3.30E-05	1	3081.435	-0.33	Salivary gland	3R:+:2456881-2456970	exon=> In CDS Exon 2 of transcript AGAP007878-PA
JHU_Ag_2511	YGQWAVITGASDGIGK	AGAP007879-PB,AGAP007879-PA	-	80	1.83E-07	2	1622.819	1.09	Midgut	3R:+:2459812-2459827,2459895-2459926;3R:+:2459812-2459827,2459895-2459926	exon=> In CDS Exon 1 and 2 of transcript AGAP007879-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP007879-PA
JHU_Ag_44822	TPVLLVLQTLK	AGAP007879-PB,AGAP007879-PA	-	50	5.67E-06	1	1224.788	-3.98	Midgut	3R:+:2459746-2459778;3R:+:2459746-2459778	exon=> In CDS Exon 1 of transcript AGAP007879-PB;exon=> In CDS Exon 1 of transcript AGAP007879-PA
JHU_Ag_90485	AYMTSFSIALR	AGAP007879-PB,AGAP007879-PA	M3(Oxidation)	59	2.30E-05	2	1275.645	3.79	Male reproductive organs	3R:+:2460425-2460457;3R:+:2460425-2460457	exon=> In CDS Exon 3 of transcript AGAP007879-PB;exon=> In CDS Exon 2 of transcript AGAP007879-PA

JHU_Ag_48070	VLVADFSK	AGAP007879-PB,AGAP007879-PA,AGAP007881-PA	-	51	8.64E-05	1	878.498	0.25	Male reproductive organs	3R:+:2460044-2460067;3R:+:2460044-2460067;3R:+:2463305-2463328	exon=> In CDS Exon 2 of transcript AGAP007879-PB;exon=> In CDS Exon 2 of transcript AGAP007879-PA;exon=> In CDS Exon 2 of transcript AGAP007881-PA
JHU_Ag_113075	GYAEYLAGR	AGAP007880-PA	-	33	0.004645239	2	999.499	9.26	Head	3R:+:2461496-2461522	exon=> In CDS Exon 2 of transcript AGAP007880-PA
JHU_Ag_38047	LYTQLLHEYSNTDKK	AGAP007881-PA	-	54	5.35E-05	1	1852.943	-0.45	Male reproductive organs	3R:+:2464049-2464093	exon=> In CDS Exon 4 of transcript AGAP007881-PA
JHU_Ag_49328	AYMTSFSLALR	AGAP007881-PA	M3(Oxidation)	59	2.30E-05	2	1275.645	3.79	Male reproductive organs	3R:+:2463692-2463724	exon=> In CDS Exon 3 of transcript AGAP007881-PA
JHU_Ag_62635	YGPWAVITGGSDGIGK	AGAP007881-PA	-	57	3.15E-05	2	1577.796	0.33	Male reproductive organs	3R:+:2463047-2463062,2463153-2463184	exon=> In CDS Exon 1 and 2 of transcript AGAP007881-PA
JHU_Ag_67328	YAGYCIGK	AGAP007881-PA	C5(Carbamidomethyl)	30	0.004466953	1	931.434	-0.77	Male reproductive organs	3R:+:2463869-2463892	exon=> In CDS Exon 3 of transcript AGAP007881-PA
JHU_Ag_62753	LMLTCLIDPGHFR	AGAP007882-PA	M2(Oxidation), C5(Carbamidomethyl)	65	5.19E-06	1	1588.795	-1.49	Ovary	3R:-:2464521-2464483	exon=> In CDS Exon 1 of transcript AGAP007882-PA
JHU_Ag_67890	DLDEVLQTIAVFNNVSK	AGAP007882-PA	-	59	1.54E-05	2	1904.995	-0.62	Ovary	3R:-:2465007-2464957	exon=> In CDS Exon 1 of transcript AGAP007882-PA
JHU_Ag_73515	RPYPVSIIEK	AGAP007882-PA	-	29	0.010523405	1	1201.694	-0.17	Head	3R:-:2464767-2464738	exon=> In CDS Exon 1 of transcript AGAP007882-PA
JHU_Ag_88100	LTNVAVVR	AGAP007882-PA	-	53	5.16E-05	2	871.536	0.04	Ovary	3R:-:2465109-2465086	exon=> In CDS Exon 1 of transcript AGAP007882-PA
JHU_Ag_4794	HYFNNEDTGYFK	AGAP007885-PA	-	65	1.29E-06	1	1534.641	-11.96	Malpighian tubule	3R:+:2468550-2468585	exon=> In CDS Exon 1 of transcript AGAP007885-PA
JHU_Ag_10486	VPFPLTLR	AGAP007885-PA	-	35	0.001849947	2	942.581	3.79	Malpighian tubule	3R:+:2468727-2468750	exon=> In CDS Exon 1 of transcript AGAP007885-PA
JHU_Ag_21001	APPSPNSTAMLSDLVK	AGAP007885-PA	M10(Oxidation)	66	3.31E-06	2	1643.831	-0.15	Midgut	3R:+:2468598-2468645	exon=> In CDS Exon 1 of transcript AGAP007885-PA
JHU_Ag_25204	VPFPLTLR	AGAP007885-PA	-	37	0.001098166	1	942.577	-0.09	Ovary	3R:+:2468727-2468750	exon=> In CDS Exon 1 of transcript AGAP007885-PA
JHU_Ag_71395	HYFNNEDTGYFK	AGAP007885-PA	-	66	2.01E-06	2	1534.673	8.88	Ovary	3R:+:2468550-2468585	exon=> In CDS Exon 1 of transcript AGAP007885-PA
JHU_Ag_80465	HYFNNEDTGYFK	AGAP007885-PA	-	75	2.65E-07	1	1534.662	1.64	Head	3R:+:2468550-2468585	exon=> In CDS Exon 1 of transcript AGAP007885-PA
JHU_Ag_94320	VPFPLTLR	AGAP007885-PA	-	30	0.006147066	1	942.577	0.04	Midgut	3R:+:2468727-2468750	exon=> In CDS Exon 1 of transcript AGAP007885-PA
JHU_Ag_45262	FISDLLDR	AGAP007886-PB	-	42	0.000930814	1	978.526	0.41	Ovary	3R:-:2472776-2472753	exon=> In CDS Exon 4 of transcript AGAP007886-PB
JHU_Ag_25381	AEVTALR	AGAP007888-PA	-	42	0.001476682	2	759.435	-1.38	Visceras	3R:-:2517666-2517646	exon=> In CDS Exon 4 of transcript AGAP007888-PA
JHU_Ag_39011	GHLLVK	AGAP007888-PA	-	25	0.001415696	1	666.431	1.64	Male reproductive organs	3R:-:2526963-2526946	exon=> In CDS Exon 1 of transcript AGAP007888-PA
JHU_Ag_56333	EIWDSLLLDSDRR	AGAP007888-PA	-	35	0.005496224	1	1617.808	-9.3	Pupa	3R:-:2519251-2519213	exon=> In CDS Exon 2 of transcript AGAP007888-PA
JHU_Ag_112876	IQNLEQKNR	AGAP007888-PA	Q6(Deamidated)	36	0.003778482	1	1143.628	14.12	Pupa	3R:-:2515286-2515260	exon=> In CDS Exon 6 of transcript AGAP007888-PA
JHU_Ag_1286	VGVILLAGGQGTR	AGAP007889-PA	-	54	1.65E-05	2	1240.736	-1.41	Head	3R:+:2535163-2535201	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_5225	NADTAGIDCPSSVR	AGAP007889-PA	C9(Carbamidomethyl)	98	1.69E-09	2	1462.661	1.55	Malpighian tubule	3R:+:2536063-2536104	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_5412	FIFDVFPLAER	AGAP007889-PA	-	57	1.91E-05	2	1353.721	0.57	Visceras	3R:+:2535982-2536014	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_8631	GTYNVNLPSGK	AGAP007889-PA	-	33	0.007711098	2	1149.591	0.63	Head	3R:+:2535223-2535255	exon=> In CDS Exon 1 of transcript AGAP007889-PA

JHU_Ag_9435	FIFDVFPLAER	AGAP007889-PA	-	78	1.61E-07	2	1353.725	3.19	Malpighian tubule	3R:+:2535982-2536014	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_9867	QHQYFGLPPDQVR	AGAP007889-PA	-	56	4.33E-05	1	1584.796	2.46	Malpighian tubule	3R:+:2535382-2535420	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_10006	DEGILDELER	AGAP007889-PA	-	52	8.25E-05	1	1188.580	4.62	Midgut	3R:+:2535538-2535567	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_10984	KIPYVDVATGER	AGAP007889-PA	-	48	0.000227096	1	1347.736	6.87	Malpighian tubule	3R:+:2535907-2535942	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_11613	VQPDEAVGVVCEVK	AGAP007889-PA	C11(Carbamidomethyl)	49	0.000171332	2	1528.774	4.45	Midgut	3R:+:2535691-2535732	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_16698	YATIAEQLGK	AGAP007889-PA	-	40	0.001077523	1	1093.589	0.07	Salivary gland	3R:+:2534863-2534892	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_19937	GTYNVNLPSGK	AGAP007889-PA	-	71	1.30E-06	2	1149.591	1.05	Salivary gland	3R:+:2535223-2535255	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_27985	VATAPDGNGGIYR	AGAP007889-PA	N8(Deamidated)	39	0.002090113	2	1291.627	-0.22	Pupa	3R:+:2535490-2535528	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_37235	FIFDVFPLAER	AGAP007889-PA	-	38	0.001282354	2	1353.729	6.79	Larva	3R:+:2535982-2536014	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_38488	GTYNVNLPSGK	AGAP007889-PA	-	81	1.36E-07	1	1149.592	2.12	Malpighian tubule	3R:+:2535223-2535255	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_40379	VADPVFVGYCVR	AGAP007889-PA	C10(Carbamidomethyl)	61	1.22E-05	2	1381.691	-1.37	Midgut	3R:+:2535619-2535654	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_42021	AMATATSTKEDLNELLKPLAR	AGAP007889-PA	M2(Oxidation)	165	2.38E-16	1	2273.221	1.74	Malpighian tubule	3R:+:2535013-2535075	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_42870	IPYVDVATGER	AGAP007889-PA	-	50	0.000164123	2	1219.635	2.29	Salivary gland	3R:+:2535910-2535942	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_45037	EDLNELLKPLAR	AGAP007889-PA	-	62	2.99E-06	1	1410.797	1.32	Midgut	3R:+:2535040-2535075	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_45121	VADPVFVGYCVR	AGAP007889-PA	C10(Carbamidomethyl)	54	5.84E-05	2	1381.691	-1.37	Male reproductive organs	3R:+:2535619-2535654	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_46309	VATAPDGNGGIYR	AGAP007889-PA	-	64	6.40E-06	1	1290.645	0.64	Malpighian tubule	3R:+:2535490-2535528	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_46953	VADPVFVGYCVR	AGAP007889-PA	C10(Carbamidomethyl)	111	1.18E-10	1	1381.697	2.87	Malpighian tubule	3R:+:2535619-2535654	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_49937	ALKDEGILDELER	AGAP007889-PA	-	86	3.41E-08	1	1500.794	2.33	Midgut	3R:+:2535529-2535567	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_53264	ILLDEKWK	AGAP007889-PA	-	54	4.20E-05	1	1044.610	0.89	Malpighian tubule	3R:+:2535466-2535489	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_53589	FIFDVFPLAER	AGAP007889-PA	-	68	1.65E-06	2	1353.728	5.98	Salivary gland	3R:+:2535982-2536014	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_55608	IPYVDVATGER	AGAP007889-PA	-	72	1.10E-06	1	1219.633	0.78	Malpighian tubule	3R:+:2535910-2535942	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_59717	VADPVFVGYCVR	AGAP007889-PA	C10(Carbamidomethyl)	46	0.000379906	2	1381.693	-0.04	Head	3R:+:2535619-2535654	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_59731	LTFNAGNICNHFFTSAFLR	AGAP007889-PA	C9(Carbamidomethyl)	72	1.11E-06	1	2230.088	0.59	Malpighian tubule	3R:+:2535808-2535864	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_64594	LQQLAGGEGR	AGAP007889-PA	-	75	2.79E-07	1	1028.549	0.59	Malpighian tubule	3R:+:2535292-2535321	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_65528	NADTAGIDCPSSVRGDIYR	AGAP007889-PA	C9(Carbamidomethyl)	60	1.57E-05	1	2066.960	1.92	Malpighian tubule	3R:+:2536063-2536119	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_66816	FIFDVFPLAER	AGAP007889-PA	-	61	6.65E-06	2	1353.722	1.38	Midgut	3R:+:2535982-2536014	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_67151	DEGILDELER	AGAP007889-PA	-	52	8.21E-05	1	1188.571	-2.98	Malpighian tubule	3R:+:2535538-2535567	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_71315	VGVILLAGGQGTR	AGAP007889-PA	-	107	7.66E-11	2	1240.740	1.84	Malpighian tubule	3R:+:2535163-2535201	exon=> In CDS Exon 1 of transcript AGAP007889-PA

JHU_Ag_75350	VATAPDGNGGIYR	AGAP007889-PA	N8(Deamidated)	46	0.000415116	1	1291.627	-0.22	Midgut	3R:+:2535490-2535528	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_75924	YQVVEYSELSSETANR	AGAP007889-PA	-	89	1.82E-08	2	1874.877	0.15	Salivary gland	3R:+:2535739-2535786	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_78982	YQVVEYSELSSETANRR	AGAP007889-PA	-	46	0.000488991	1	2030.982	1.89	Malpighian tubule	3R:+:2535739-2535789	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_85099	SLFQLQAER	AGAP007889-PA	-	61	9.53E-06	1	1091.586	0.98	Malpighian tubule	3R:+:2535256-2535282	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_89311	REEEFSALK	AGAP007889-PA	-	34	0.006066364	1	1108.564	0.69	Malpighian tubule	3R:+:2536036-2536062	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_91325	LTFNAGNICNHFFTSAFLR	AGAP007889-PA	C9(Carbamidomethyl)	71	1.34E-06	1	2230.088	0.84	Visceras	3R:+:2535808-2535864	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_92306	NADTAGIDCPSSVR	AGAP007889-PA	C9(Carbamidomethyl)	39	0.001182464	2	1462.654	-3.37	Midgut	3R:+:2536063-2536104	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_93630	VADPVFVGYCVRK	AGAP007889-PA	C10(Carbamidomethyl)	42	0.000689567	1	1509.792	2.31	Malpighian tubule	3R:+:2535619-2535657	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_95499	FIFDVFPLAER	AGAP007889-PA	-	46	0.000249025	2	1353.723	2.19	Pupa	3R:+:2535982-2536014	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_95926	IAETTMPLHVAK	AGAP007889-PA	M6(Oxidation)	68	1.31E-06	2	1310.715	0.96	Malpighian tubule	3R:+:2535868-2535903	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_97411	YLSVAEATEVELEDLR	AGAP007889-PA	-	89	1.80E-08	2	1836.920	-1.25	Midgut	3R:+:2535082-2535129	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_99893	GKYQVVEYSELSSETANR	AGAP007889-PA	-	54	6.12E-05	1	2059.995	0.94	Malpighian tubule	3R:+:2535733-2535786	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_100196	KLQQLAGGEGR	AGAP007889-PA	-	81	6.50E-08	1	1156.644	0.31	Malpighian tubule	3R:+:2535289-2535321	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_100602	FVALEGRR	AGAP007889-PA	-	41	0.000637527	1	947.542	-0.15	Malpighian tubule	3R:+:2536015-2536038	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_101089	VGVILLAGGQGTR	AGAP007889-PA	-	107	7.13E-11	2	1240.738	0.46	Pupa	3R:+:2535163-2535201	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_101746	VQPDEAVGVVCEVK	AGAP007889-PA	C11(Carbamidomethyl)	98	2.31E-09	1	1528.770	1.42	Malpighian tubule	3R:+:2535691-2535732	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_102921	VGVILLAGGQGTR	AGAP007889-PA	-	95	1.26E-09	2	1240.738	0.26	Midgut	3R:+:2535163-2535201	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_104738	YQVVEYSELSSETANR	AGAP007889-PA	-	122	9.29E-12	2	1874.881	2.5	Malpighian tubule	3R:+:2535739-2535786	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_109754	FIFDVFPLAER	AGAP007889-PA	-	40	0.000824598	2	1353.724	2.47	Ovary	3R:+:2535982-2536014	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_110299	YLSVAEATEVELEDLR	AGAP007889-PA	-	104	6.21E-10	2	1836.925	1.08	Malpighian tubule	3R:+:2535082-2535129	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_111097	EEEFSALKNADTAGIDCPSSVR	AGAP007889-PA	C17(Carbamidomethyl)	95	3.95E-09	1	2396.110	2.72	Malpighian tubule	3R:+:2536039-2536104	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_113615	VIEKVQPDEAVGVVCEVK	AGAP007889-PA	C15(Carbamidomethyl)	102	7.00E-10	1	1998.054	-1.86	Malpighian tubule	3R:+:2535679-2535732	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_115976	SLFQLQAER	AGAP007889-PA	-	36	0.002947282	2	1091.585	0.19	Pupa	3R:+:2535256-2535282	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_116624	GTYNVNLPSGK	AGAP007889-PA	-	40	0.001479674	2	1149.590	-0.22	Pupa	3R:+:2535223-2535255	exon=> In CDS Exon 1 of transcript AGAP007889-PA
JHU_Ag_188	FYLGAARPEGQDSSFSWSDLQAR	AGAP007891-PA	-	139	1.71E-13	1	2588.215	-0.46	Ovary	3R:+:2532481-2532549	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_940	QLQTLSQPR	AGAP007891-PA	-	42	0.000475439	1	1070.599	3.37	Malpighian tubule	3R:+:2533423-2533449	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_1370	NNSELLKNLGNFFNR	AGAP007891-PA	-	59	1.54E-05	1	1779.919	2.74	Malpighian tubule	3R:+:2532550-2532594	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_1641	TSESAATAAPGEKPAK	AGAP007891-PA	-	87	2.84E-08	2	1515.770	3.01	Malpighian tubule	3R:+:2533450-2533497	exon=> In CDS Exon 4 of transcript AGAP007891-PA

JHU_Ag_2465	APQGFTSLKDAQK	AGAP007891-PA	-	58	2.05E-05	1	1390.735	1.95	Malpighian tubule	3R:+:2533282-2533320	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_3038	YGNQLMQSEEPWVK	AGAP007891-PA	M6(Oxidation)	70	1.33E-06	1	1708.804	2.27	Ovary	3R:+:2532766-2532807	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_4523	MLDDCLSNSTFLTGDK	AGAP007891-PA	C5(Carbamidomethyl)	135	3.30E-13	2	1816.809	0.06	Ovary	3R:+:2530972-2531019	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_8298	GGFINSDKPLIR	AGAP007891-PA	-	85	3.30E-08	1	1316.736	2.91	Malpighian tubule	3R:+:2533033-2533052,2533128-2533143	exon=> In CDS Exon 3 and 4 of transcript AGAP007891-PA
JHU_Ag_9390	TSESAATAAPGEKPAK	AGAP007891-PA	-	65	4.08E-06	1	1515.767	1.16	Ovary	3R:+:2533450-2533497	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_11552	LAPALTHNMAVGSR	AGAP007891-PA	M9(Oxidation)	74	5.12E-07	1	1453.763	3.71	Malpighian tubule	3R:+:2530888-2530929	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_12909	MIIYTNTGNPFGLKLLICANLAK	AGAP007891-PA	M1(Oxidation), C18(Carbamidomethyl)	29	0.005363554	1	2581.399	4.29	Malpighian tubule	3R:+:2530537-2530605	exon=> In CDS Exon 1 of transcript AGAP007891-PA
JHU_Ag_16905	ALAENMTPR	AGAP007891-PA	M6(Oxidation)	67	4.00E-06	1	1018.502	3.21	Malpighian tubule	3R:+:2531575-2531601	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_18007	ESSQFFLDLPK	AGAP007891-PA	-	60	1.33E-05	2	1310.668	3.92	Malpighian tubule	3R:+:2531953-2531985	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_18631	LASLTGVPVAAPAGGGK	AGAP007891-PA	-	51	2.83E-05	1	1465.842	3.36	Malpighian tubule	3R:+:2533714-2533764	exon=> In CDS Exon 5 of transcript AGAP007891-PA
JHU_Ag_18819	ELSFASLQHSNR	AGAP007891-PA	-	101	1.17E-09	1	1388.694	1.37	Head	3R:+:2531170-2531205	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_19340	IVLPKPGQK	AGAP007891-PA	-	37	0.000167144	1	979.633	2.68	Malpighian tubule	3R:+:2531377-2531403	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_22407	IGKPAVLFTK	AGAP007891-PA	-	54	4.59E-06	1	1073.671	-0.3	Salivary gland	3R:+:2533168-2533197	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_22735	YFDIHNSIYR	AGAP007891-PA	-	38	0.002143408	2	1327.636	-4.96	Head	3R:+:2531617-2531646	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_23753	FYLGAARPEGQDSSFSWSDLQAR	AGAP007891-PA	-	58	2.05E-05	3	2588.207	-3.71	Midgut	3R:+:2532481-2532549	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_24348	QITALPEVQSALAALPLK	AGAP007891-PA	-	85	1.60E-09	2	1863.102	3.77	Ovary	3R:+:2531116-2531169	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_26493	ISSADVAVWSLLAPDGTLK	AGAP007891-PA	-	64	2.45E-06	2	1943.055	3.2	Ovary	3R:+:2531020-2531076	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_28457	ESSQFFLDLPK	AGAP007891-PA	-	47	0.000242161	2	1310.664	1.32	Head	3R:+:2531953-2531985	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_31151	GIGVFGNDAQDTGIPADVWR	AGAP007891-PA	-	38	0.002412398	2	2088.021	3.2	Midgut	3R:+:2532421-2532480	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_31754	LAPALTHNMAVGSR	AGAP007891-PA	M9(Oxidation)	59	1.92E-05	2	1453.759	0.6	Ovary	3R:+:2530888-2530929	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_33551	LVNAVELLRPR	AGAP007891-PA	-	39	0.000102151	1	1279.785	0.69	Head	3R:+:2531887-2531919	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_34184	NLGNFFNR	AGAP007891-PA	-	43	0.000707749	1	981.491	1.34	Malpighian tubule	3R:+:2532571-2532594	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_34200	ADPNTKPILNTLVK	AGAP007891-PA	-	36	0.000776464	2	1523.887	4.78	Malpighian tubule	3R:+:2530930-2530971	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_34685	FYLGAARPEGQDSSFSWSDLQAR	AGAP007891-PA	-	109	1.71E-10	1	2588.222	1.95	Malpighian tubule	3R:+:2532481-2532549	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_36192	WFGIGFDYFGR	AGAP007891-PA	-	45	0.000516638	2	1364.643	0.51	Head	3R:+:2531647-2531679	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_37620	ELSFASLQHSNR	AGAP007891-PA	-	83	7.57E-08	1	1388.692	0.4	Ovary	3R:+:2531170-2531205	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_38595	LVNAVELLRPR	AGAP007891-PA	-	64	3.67E-07	1	1279.788	2.89	Salivary gland	3R:+:2531887-2531919	exon=> In CDS Exon 2 of transcript AGAP007891-PA

JHU_Ag_39316	GIGVFGNDAQDTGIPADVWR	AGAP007891-PA	-	103	9.10E-10	2	2088.022	3.55	Malpighian tubule	3R:+:2532421-2532480	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_39566	SVEQLLCQKCDR	AGAP007891-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	44	0.000559 41	1	1535.734	2.05	Malpighian tubule	3R:+:2531758-2531793	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_42917	VDLYQFMAK	AGAP007891-PA	-	48	0.000188 551	2	1114.566	5.29	Malpighian tubule	3R:+:2532262-2532288	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_46058	IVLPKPGQK	AGAP007891-PA	-	21	0.006898 007	1	979.630	0.56	Ovary	3R:+:2531377-2531403	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_46668	LCGYNTLYIGGTDEYGTATETK	AGAP007891-PA	C2(Carbamidomethyl)	63	5.09E-06	2	2427.106	1.7	Ovary	3R:+:2531509-2531574	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_48225	GIGVFGNDAQDTGIPADVWR	AGAP007891-PA	-	99	2.24E-09	2	2088.022	3.67	Visceras	3R:+:2532421-2532480	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_48649	AAFGETDDR	AGAP007891-PA	-	52	4.62E-05	2	981.427	-0.35	Ovary	3R:+:2531329-2531355	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_50500	LCGYNTLYIGGTDEYGTATETK	AGAP007891-PA	C2(Carbamidomethyl)	62	7.47E-06	2	2427.116	5.53	Malpighian tubule	3R:+:2531509-2531574	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_50594	ELYASGYIETR	AGAP007891-PA	-	68	1.85E-06	2	1301.637	-0.36	Ovary	3R:+:2531725-2531757	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_52813	YGNQLMQSEEPWVK	AGAP007891-PA	M6(Oxidation)	60	1.34E-05	1	1724.798	2.01	Salivary gland	3R:+:2532766-2532807	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_54444	FYLGAARPEGQDSSFSWSDLQAR	AGAP007891-PA	-	44	0.000636 524	1	2588.211	-2.16	Male reproductive organs	3R:+:2532481-2532549	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_55391	VVQRDEWLEWSSK	AGAP007891-PA	-	33	0.009350 646	1	1661.828	-0.03	Ovary	3R:+:2530846-2530884	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_56364	YGGVQQDKDK	AGAP007891-PA	-	52	0.000104 197	1	1137.553	-0.86	Salivary gland	3R:+:2533234-2533263	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_56442	TSESAATAAPGEKPAKQAPK	AGAP007891-PA	-	52	7.65E-05	1	1940.019	5.48	Malpighian tubule	3R:+:2533450-2533509	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_58462	MIIYTNTGNPFGLK	AGAP007891-PA	M1(Oxidation)	72	7.10E-07	1	1568.815	0.74	Ovary	3R:+:2530537-2530578	exon=> In CDS Exon 1 of transcript AGAP007891-PA
JHU_Ag_59732	SVEQLLCQK	AGAP007891-PA	C7(Carbamidomethyl)	43	0.000833 023	2	1104.576	3.66	Malpighian tubule	3R:+:2531758-2531784	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_60799	LVNAVELLRPR	AGAP007891-PA	-	55	3.10E-06	1	1279.790	4.33	Malpighian tubule	3R:+:2531887-2531919	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_62108	HLPILQLNSGVQLFSTDVAAK	AGAP007891-PA	-	58	4.74E-06	1	2251.256	5.1	Ovary	3R:+:2530753-2530815	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_63044	ISSADVAVWSLLAPDGTLK	AGAP007891-PA	-	69	1.07E-06	1	1943.041	-3.65	Visceras	3R:+:2531020-2531076	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_63763	WFGIGFDYFGR	AGAP007891-PA	-	55	5.14E-05	2	1364.650	5.61	Ovary	3R:+:2531647-2531679	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_65017	AAFGETDDR	AGAP007891-PA	-	56	1.66E-05	2	981.431	3.69	Malpighian tubule	3R:+:2531329-2531355	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_66480	LASLTGVPVAAPAGGGK	AGAP007891-PA	-	46	9.42E-05	1	1465.838	0.28	Ovary	3R:+:2533714-2533764	exon=> In CDS Exon 5 of transcript AGAP007891-PA
JHU_Ag_67581	NLGNFFNR	AGAP007891-PA	-	46	0.000380 467	1	981.493	3.01	Ovary	3R:+:2532571-2532594	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_71026	HLLQISR	AGAP007891-PA	-	33	0.001596 981	2	866.523	2.87	Malpighian tubule	3R:+:2532745-2532765	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_72955	ESSQFFLDLPK	AGAP007891-PA	-	55	4.20E-05	2	1310.662	-0.73	Salivary gland	3R:+:2531953-2531985	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_74155	GIGVFGNDAQDTGIPADVWR	AGAP007891-PA	-	53	8.22E-05	2	2088.018	1.79	Male reproductive organs	3R:+:2532421-2532480	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_75378	DNVPFHSVMFPASLLAVDK	AGAP007891-PA	M9(Oxidation)	61	1.14E-05	1	2087.064	0.56	Ovary	3R:+:2532289-2532345	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_75793	LVNAVELLRPR	AGAP007891-PA	-	71	7.52E-08	1	1279.786	0.99	Ovary	3R:+:2531887-2531919	exon=> In CDS Exon 2 of transcript AGAP007891-PA

JHU_Ag_76087	GGFINSDKPLIR	AGAP007891-PA	-	80	9.34E-08	1	1316.734	1.05	Head	3R:+:2533033-2533052,2533128-2533143	exon=> In CDS Exon 3 and 4 of transcript AGAP007891-PA
JHU_Ag_76255	YGNQLMQSEEPWVKVK	AGAP007891-PA	M6(Oxidation)	44	0.000707091	1	1951.963	2.62	Malpighian tubule	3R:+:2532766-2532813	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_76661	FYLGAARPEGQDSSFSWSDLQAR	AGAP007891-PA	-	146	3.72E-14	1	2588.223	2.44	Head	3R:+:2532481-2532549	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_77251	HLLQISR	AGAP007891-PA	-	43	0.000236294	1	866.518	-2.62	Head	3R:+:2532745-2532765	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_77717	YGNQLMQSEEPWVK	AGAP007891-PA	M6(Oxidation)	77	3.19E-07	2	1708.810	6.13	Malpighian tubule	3R:+:2532766-2532807	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_78772	TVWQPEVNILLELKK	AGAP007891-PA	-	26	0.006612992	1	1810.047	-0.43	Midgut	3R:+:2533378-2533422	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_79399	HLLQISR	AGAP007891-PA	-	31	0.002174202	2	866.524	3.51	Ovary	3R:+:2532745-2532765	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_80208	DEWLEWSSKR	AGAP007891-PA	-	36	0.003174843	1	1335.632	-0.91	Ovary	3R:+:2530858-2530887	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_86280	GIGVFGNDAQDTGIPADVWR	AGAP007891-PA	-	118	2.87E-11	1	2088.020	2.61	Head	3R:+:2532421-2532480	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_86560	DNVPFHSVMFPASLLAVDK	AGAP007891-PA	M9(Oxidation)	55	4.86E-05	1	2103.060	0.94	Head	3R:+:2532289-2532345	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_87426	GGFINSDKPLIR	AGAP007891-PA	-	80	1.03E-07	1	1316.732	0.22	Ovary	3R:+:2533033-2533052,2533128-2533143	exon=> In CDS Exon 3 and 4 of transcript AGAP007891-PA
JHU_Ag_90737	FGGLHHIVLNPEIADFEGELLADTSANIAETVQR	AGAP007891-PA	-	88	1.32E-08	1	3676.866	1.33	Salivary gland	3R:+:2531206-2531307	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_91527	GAVNIDNVLR	AGAP007891-PA	-	45	0.000263856	2	1070.596	0.15	Ovary	3R:+:2531077-2531106	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_92968	ESSQFFLDLPKIEPTLR	AGAP007891-PA	-	62	4.33E-06	1	2020.085	4.95	Malpighian tubule	3R:+:2531953-2532003	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_94360	NLGNFFNR	AGAP007891-PA	-	41	0.000990556	2	981.491	0.65	Male reproductive organs	3R:+:2532571-2532594	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_96632	GAVNIDNVLR	AGAP007891-PA	-	41	0.000578585	2	1070.596	0.84	Malpighian tubule	3R:+:2531077-2531106	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_99839	LVNAVELLRPR	AGAP007891-PA	-	27	0.00183537	3	1279.784	-0.53	Visceras	3R:+:2531887-2531919	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_101565	ESSQFFLDLPK	AGAP007891-PA	-	75	4.52E-07	1	1310.665	1.6	Ovary	3R:+:2531953-2531985	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_101968	GAVNIDNVLR	AGAP007891-PA	-	49	9.69E-05	2	1070.598	2.09	Salivary gland	3R:+:2531077-2531106	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_102466	YGNQLMQSEEPWVK	AGAP007891-PA	M6(Oxidation)	31	0.00954784	2	1724.798	1.87	Head	3R:+:2532766-2532807	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_102739	TSESAATAAPGEKPAK	AGAP007891-PA	-	49	0.000200638	1	1515.772	4.87	Salivary gland	3R:+:2533450-2533497	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_109294	IGKPAVLFTK	AGAP007891-PA	-	54	2.84E-06	1	1073.674	2.26	Malpighian tubule	3R:+:2533168-2533197	exon=> In CDS Exon 4 of transcript AGAP007891-PA
JHU_Ag_110166	SVEQLLCQK	AGAP007891-PA	C7(Carbamidomethyl)	38	0.002576863	2	1104.573	0.67	Ovary	3R:+:2531758-2531784	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_110505	ELYASGYIETR	AGAP007891-PA	-	50	0.000129172	2	1301.636	-0.65	Male reproductive organs	3R:+:2531725-2531757	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_110895	NMYSQLNVR	AGAP007891-PA	M2(Oxidation)	34	0.004645558	2	1140.547	0.45	Malpighian tubule	3R:+:2533006-2533032	exon=> In CDS Exon 3 of transcript AGAP007891-PA
JHU_Ag_112780	ADPNTKPILNTLVK	AGAP007891-PA	-	44	0.000139685	1	1523.880	0.37	Ovary	3R:+:2530930-2530971	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_113724	ESSQFFLDLPK	AGAP007891-PA	-	38	0.001952007	2	1310.664	1.04	Midgut	3R:+:2531953-2531985	exon=> In CDS Exon 2 of transcript AGAP007891-PA

JHU_Ag_114342	GIGVFGNDAQDTGIPADVWR	AGAP007891-PA	-	145	5.88E-14	1	2088.008	-3.12	Ovary	3R:+:2532421-2532480	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_115755	LASLTGVPVAAPAGGGK	AGAP007891-PA	-	38	0.000566864	2	1465.841	2.28	Head	3R:+:2533714-2533764	exon=> In CDS Exon 5 of transcript AGAP007891-PA
JHU_Ag_116943	ISSADVAVWSLLAPDGTLK	AGAP007891-PA	-	75	2.08E-07	1	1943.055	3.39	Head	3R:+:2531020-2531076	exon=> In CDS Exon 2 of transcript AGAP007891-PA
JHU_Ag_22538	EDGNGSSNTASGNDDSSTDK	AGAP007892-PB,AGAP007892-PA	N4(Deamidated)	98	9.17E-11	1	1958.738	2.38	Head	3R:-:2546408-2546349;3R:-:2546408-2546349	exon=> In CDS Exon 6 of transcript AGAP007892-PB;exon=> In CDS Exon 6 of transcript AGAP007892-PA
JHU_Ag_95973	QQLSEDER	AGAP007892-PB,AGAP007892-PA	Q1(Deamidated), Q2(Deamidated)	37	0.000931318	1	1006.431	-1.55	Head	3R:-:2546881-2546858;3R:-:2546881-2546858	exon=> In CDS Exon 5 of transcript AGAP007892-PB;exon=> In CDS Exon 5 of transcript AGAP007892-PA
JHU_Ag_65231	VLTEDVDIDPPSER	AGAP007893-PA	-	64	7.19E-06	2	1584.776	0.28	Male reproductive organs	3R:+:2560393-2560434	exon=> In CDS Exon 1 of transcript AGAP007893-PA
JHU_Ag_79873	QKFDAAQLQQALQQQALYEGTEK	AGAP007893-PA	-	48	0.000166723	3	2636.334	0.93	Head	3R:+:2560710-2560778	exon=> In CDS Exon 2 of transcript AGAP007893-PA
JHU_Ag_95996	VLTEDVDIDPPSER	AGAP007893-PA	-	50	0.000183726	2	1584.774	-0.49	Midgut	3R:+:2560393-2560434	exon=> In CDS Exon 1 of transcript AGAP007893-PA
JHU_Ag_23934	RSYLALR	AGAP007900-PA,AGAP013719-PA	-	29	0.004241104	1	878.523	2.35	Visceras	3R:-:2578193-2578173;3R:-:2578193-2578173	exon=> In CDS Exon 3 of transcript AGAP007900-PA;exon=> In CDS Exon 5 of transcript AGAP013719-PA
JHU_Ag_51230	RSYLALR	AGAP007900-PA,AGAP013719-PA	-	31	0.005582305	1	878.519	-2.45	Head	3R:-:2578193-2578173;3R:-:2578193-2578173	exon=> In CDS Exon 3 of transcript AGAP007900-PA;exon=> In CDS Exon 5 of transcript AGAP013719-PA
JHU_Ag_1557	TAVNVNDIFLAIAK	AGAP007901-PB	-	131	4.99E-13	2	1488.838	-2.49	Midgut	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB
JHU_Ag_4351	FEIWDTAGQER	AGAP007901-PB	-	78	1.97E-07	1	1351.630	1.69	Head	3R:+:2590787-2590818,2590906-2590906	exon=> In CDS Exon 1 and 2 of transcript AGAP007901-PB
JHU_Ag_6231	LVLLGESAVGK	AGAP007901-PB	-	42	0.000349268	2	1085.656	-0.23	Salivary gland	3R:+:2590643-2590675	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_6936	YHSLAPMYYR	AGAP007901-PB	M7(Oxidation)	59	1.28E-05	1	1316.610	0.88	Head	3R:+:2590907-2590936	exon=> In CDS Exon 2 of transcript AGAP007901-PB
JHU_Ag_7199	QYADDNGLLFMETSAK	AGAP007901-PB	M11(Oxidation)	74	4.26E-07	2	1818.821	-0.31	Midgut	3R:+:2591243-2591290	exon=> In CDS Exon 3 of transcript AGAP007901-PB
JHU_Ag_8649	NEGAGPQQNIRPTQNETNR	AGAP007901-PB	-	106	4.45E-10	1	2124.020	1.02	Malpighian tubule	3R:+:2591780-2591836	exon=> In CDS Exon 4 of transcript AGAP007901-PB
JHU_Ag_11198	GAQAAIVVYDIQNSDSFAR	AGAP007901-PB	Q3(Deamidated)	128	2.35E-12	1	2025.002	-1.01	Head	3R:+:2590937-2590993	exon=> In CDS Exon 2 of transcript AGAP007901-PB
JHU_Ag_19775	TAVNVNDIFLAIAK	AGAP007901-PB	-	118	8.13E-12	1	1488.845	1.69	Head	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB
JHU_Ag_21525	TAVNVNDIFLAIAK	AGAP007901-PB	-	112	3.32E-11	1	1488.842	-0.36	Ovary	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB
JHU_Ag_22682	VVDYEEAKQYADDNGLLFMETSAK	AGAP007901-PB	M19(Oxidation)	108	2.37E-10	1	2752.278	4.4	Malpighian tubule	3R:+:2591219-2591290	exon=> In CDS Exon 3 of transcript AGAP007901-PB
JHU_Ag_23943	QASPNIVIALAGNK	AGAP007901-PB	-	59	4.52E-06	2	1395.796	0.31	Midgut	3R:+:2591024-2591026,2591159-2591197	exon=> In CDS Exon 2 and 3 of transcript AGAP007901-PB

JHU_Ag_27063	FEIWDTAGQER	AGAP007901-PB	-	37	0.002853 21	2	1351.629	1.06	Visceras	3R:+:2590787-2590818,2590906-2590906	exon=> In CDS Exon 1 and 2 of transcript AGAP007901-PB
JHU_Ag_28219	QASPNIVIALAGNKADLANSR	AGAP007901-PB	-	126	1.04E-12	1	2123.169	5.95	Malpighian tubule	3R:+:2591024-2591026,2591159-2591218	exon=> In CDS Exon 2 and 3 of transcript AGAP007901-PB
JHU_Ag_29958	TAVNVNDIFLAIAK	AGAP007901-PB	-	98	8.42E-10	2	1488.845	2.1	Pupa	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB
JHU_Ag_30590	QASPNIVIALAGNK	AGAP007901-PB	-	74	1.36E-07	2	1395.796	0.4	Visceras	3R:+:2591024-2591026,2591159-2591197	exon=> In CDS Exon 2 and 3 of transcript AGAP007901-PB
JHU_Ag_34173	GAQAAIVVYDIQNSDSFAR	AGAP007901-PB	-	139	2.09E-13	1	2025.007	1.46	Midgut	3R:+:2590937-2590993	exon=> In CDS Exon 2 of transcript AGAP007901-PB
JHU_Ag_37367	LVLLGESAVGK	AGAP007901-PB	-	53	2.10E-05	2	1085.660	2.8	Malpighian tubule	3R:+:2590643-2590675	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_38111	QASPNIVIALAGNK	AGAP007901-PB	-	30	0.003719 296	2	1395.795	-0.65	Ovary	3R:+:2591024-2591026,2591159-2591197	exon=> In CDS Exon 2 and 3 of transcript AGAP007901-PB
JHU_Ag_38547	LVLLGESAVGK	AGAP007901-PB	-	39	0.000660 936	2	1085.656	-0.91	Midgut	3R:+:2590643-2590675	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_42829	AGGAAQRPNGATQNK	AGAP007901-PB	Q6(Deamidated),N14(Deamidated),N9(Deamidated),Q13(Deamidated)	103	7.59E-10	1	1441.716	0.91	Head	3R:+:2590583-2590627	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_46832	TAVNVNDIFLAIAK	AGAP007901-PB	-	99	6.74E-10	2	1488.843	0.3	Salivary gland	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB
JHU_Ag_47312	TAVNVNDIFLAIAK	AGAP007901-PB	-	95	1.62E-09	1	1488.849	4.48	Malpighian tubule	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB
JHU_Ag_50935	NEGAGPQQNIRPTQNETNR	AGAP007901-PB	-	47	0.000326 947	1	2124.023	2.48	Ovary	3R:+:2591780-2591836	exon=> In CDS Exon 4 of transcript AGAP007901-PB
JHU_Ag_52165	AGGAAQRPNGATQNK	AGAP007901-PB	N9(Deamidated)	87	2.86E-08	1	1441.714	-0.36	Malpighian tubule	3R:+:2590583-2590627	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_52255	NEGAGPQQNIRPTQNETNR	AGAP007901-PB	Q7(Deamidated)	111	1.36E-10	1	2124.019	0.76	Head	3R:+:2591780-2591836	exon=> In CDS Exon 4 of transcript AGAP007901-PB
JHU_Ag_54004	GAQAAIVVYDIQNSDSFAR	AGAP007901-PB	Q12(Deamidated),Q3(Deamidated)	120	1.61E-11	2	2025.012	4.29	Malpighian tubule	3R:+:2590937-2590993	exon=> In CDS Exon 2 of transcript AGAP007901-PB
JHU_Ag_62782	FEIWDTAGQER	AGAP007901-PB	-	55	4.40E-05	2	1351.627	-0.93	Midgut	3R:+:2590787-2590818,2590906-2590906	exon=> In CDS Exon 1 and 2 of transcript AGAP007901-PB
JHU_Ag_65787	QASPNIVIALAGNK	AGAP007901-PB	-	84	1.55E-08	2	1395.794	-1.09	Head	3R:+:2591024-2591026,2591159-2591197	exon=> In CDS Exon 2 and 3 of transcript AGAP007901-PB
JHU_Ag_67982	GAQAAIVVYDIQNSDSFAR	AGAP007901-PB	-	108	2.25E-10	2	2025.002	-0.83	Ovary	3R:+:2590937-2590993	exon=> In CDS Exon 2 of transcript AGAP007901-PB
JHU_Ag_71697	LVLLGESAVGK	AGAP007901-PB	-	54	2.23E-05	2	1085.656	-0.12	Ovary	3R:+:2590643-2590675	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_79532	YHSLAPMYYR	AGAP007901-PB	M7(Oxidation)	38	0.001398 852	1	1316.607	-1.53	Midgut	3R:+:2590907-2590936	exon=> In CDS Exon 2 of transcript AGAP007901-PB
JHU_Ag_81805	LVLLGESAVGK	AGAP007901-PB	-	41	0.000426 736	2	1085.658	1	Visceras	3R:+:2590643-2590675	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_86694	TAVNVNDIFLAIAK	AGAP007901-PB	-	100	5.25E-10	1	1488.845	2.02	Visceras	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB

JHU_Ag_88757	GAQAAIVVYDIQNSDSFAR	AGAP007901-PB	-	46	0.000355784	2	2025.011	3.75	Visceras	3R:+:2590937-2590993	exon=> In CDS Exon 2 of transcript AGAP007901-PB
JHU_Ag_91246	QASPNIVIALAGNK	AGAP007901-PB	-	91	2.78E-09	2	1395.801	3.81	Malpighian tubule	3R:+:2591024-2591026,2591159-2591197	exon=> In CDS Exon 2 and 3 of transcript AGAP007901-PB
JHU_Ag_91275	TAVNVNDIFLAIAK	AGAP007901-PB	-	91	4.35E-09	2	1488.845	2.1	Male reproductive organs	3R:+:2591291-2591327,2591763-2591767	exon=> In CDS Exon 3 and 4 of transcript AGAP007901-PB
JHU_Ag_92246	LVLLGESAVGK	AGAP007901-PB	-	70	5.49E-07	2	1085.655	-1.81	Head	3R:+:2590643-2590675	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_95374	AGGAAQRPNGATQNK	AGAP007901-PB	Q6(Deamidated),N9(Deamidated)	79	1.60E-07	1	1440.734	2.27	Visceras	3R:+:2590583-2590627	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_95508	QASPNIVIALAGNK	AGAP007901-PB	-	81	3.12E-08	2	1395.797	0.84	Male reproductive organs	3R:+:2591024-2591026,2591159-2591197	exon=> In CDS Exon 2 and 3 of transcript AGAP007901-PB
JHU_Ag_102924	AGGAAQRPNGATQNK	AGAP007901-PB	N9(Deamidated)	93	7.89E-09	1	1441.711	-2.1	Male reproductive organs	3R:+:2590583-2590627	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_106646	LVLLGESAVGK	AGAP007901-PB	-	54	1.95E-05	1	1085.656	-0.23	Male reproductive organs	3R:+:2590643-2590675	exon=> In CDS Exon 1 of transcript AGAP007901-PB
JHU_Ag_25661	KPEEIELSEEFK	AGAP007902-PA	-	36	0.004492095	2	1477.749	4.69	Head	3R:-:2595243-2595208	exon=> In CDS Exon 9 of transcript AGAP007902-PA
JHU_Ag_101619	NVFSCINLLR	AGAP007902-PA	C5(Carbamidomethyl)	57	2.73E-05	2	1235.658	1.57	Head	3R:-:2595870-2595841	exon=> In CDS Exon 9 of transcript AGAP007902-PA
JHU_Ag_109581	SAPILK	AGAP007902-PA	-	32	0.000914816	1	628.403	0.42	Male reproductive organs	3R:-:2595780-2595763	exon=> In CDS Exon 9 of transcript AGAP007902-PA
JHU_Ag_78933	DDDITSDDQCEQDVNGK	AGAP007903-PB,AGAP007903-PA	C10(Carbamidomethyl), N15(Deamidated),C10(Carbamidomethyl)	91	1.28E-09	2	1953.765	1.69	Head	3R:+:2608882-2608932;3R:+:2608882-2608932	exon=> In CDS Exon 3 of transcript AGAP007903-PB;exon=> In CDS Exon 4 of transcript AGAP007903-PA
JHU_Ag_2304	TVAVHDTNNAGR	AGAP007904-PA	-	58	2.27E-05	1	1254.620	1.35	Malpighian tubule	3R:-:2605839-2605804	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_3787	RGAGIPYLANDR	AGAP007904-PA	-	59	2.02E-05	1	1302.692	0.53	Male reproductive organs	3R:-:2605377-2605342	exon=> In CDS Exon 4 of transcript AGAP007904-PA
JHU_Ag_3868	AGRPIMLAGK	AGAP007904-PA	M6(Oxidation)	43	0.000523268	2	1029.595	7.25	Male reproductive organs	3R:-:2606091-2606062	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_13358	TDGQLLNLIKECNLK	AGAP007904-PA	C12(Carbamidomethyl)	105	3.56E-10	1	1758.944	1.33	Male reproductive organs	3R:-:2606810-2606897,2605575-2606674	exon=> In CDS Exon 3 and 2 of transcript AGAP007904-PA
JHU_Ag_14143	LDLYDSAEVDAWTR	AGAP007904-PA	-	85	5.55E-08	2	1653.780	2.73	Malpighian tubule	3R:-:2606376-2606335	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_17454	GMTFNSGGLCLKNPEDMAK	AGAP007904-PA	M2(Oxidation), C10(Carbamidomethyl), M17(Oxidation)	72	5.98E-07	1	2101.937	0.63	Male reproductive organs	3R:-:2606061-2606005	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_21616	ADAQNLAR	AGAP007904-PA	-	70	8.09E-07	2	858.455	13.94	Male reproductive organs	3R:-:2606322-2606299	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_25136	VTEYSNVDISNAGR	AGAP007904-PA	-	115	4.63E-11	1	1524.728	-0.72	Male reproductive organs	3R:-:2605581-2606686,2605246-2605477	exon=> In CDS Exon 4 and 3 of transcript AGAP007904-PA
JHU_Ag_31566	SSCEPPIFLEISYCGDDK	AGAP007904-PA	C3(Carbamidomethyl), C14(Carbamidomethyl)	51	6.11E-05	1	2116.920	-0.26	Male reproductive organs	3R:-:2606145-2606092	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_31891	GLVLGLYEQEIDTEEPR	AGAP007904-PA	-	78	2.28E-07	1	1960.989	1.53	Malpighian tubule	3R:-:2606894-2606844	exon=> In CDS Exon 2 of transcript AGAP007904-PA
JHU_Ag_33861	EFVPCVDWVHMDITGVGMLK	AGAP007904-PA	C5(Carbamidomethyl), M11(Oxidation), M18(Oxidation)	45	0.000485107	1	2365.104	0.38	Male reproductive organs	3R:-:2605437-2605378	exon=> In CDS Exon 4 of transcript AGAP007904-PA

JHU_Ag_35039	LSPTAIHFDAK	AGAP007904-PA	-	71	8.03E-07	1	1199.641	-0.46	Male reproductive organs	3R:-:2606843-2606811	exon=> In CDS Exon 2 of transcript AGAP007904-PA
JHU_Ag_37253	SMSCFLSVAR	AGAP007904-PA	M2(Oxidation), C4(Carbamidomethyl)	75	2.09E-07	1	1173.539	0.07	Male reproductive organs	3R:-:2606175-2606146	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_38519	AGAISGDR	AGAP007904-PA	-	54	8.29E-05	2	746.386	9.17	Male reproductive organs	3R:-:2605644-2605621	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_39162	TLIQFLYQLACPEQQK	AGAP007904-PA	C11(Carbamidomethyl)	118	2.17E-11	1	1980.027	0.35	Male reproductive organs	3R:-:2605320-2605273	exon=> In CDS Exon 4 of transcript AGAP007904-PA
JHU_Ag_40902	LMLADAFVYGQTTFKPK	AGAP007904-PA	M2(Oxidation)	54	5.22E-05	1	1946.018	4.28	Malpighian tubule	3R:-:2605803-2605753	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_51132	ASMAGAATVVATIR	AGAP007904-PA	M3(Oxidation)	108	2.28E-10	1	1334.710	0.47	Malpighian tubule	3R:-:2605998-2605957	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_55861	GAGIPYLANDR	AGAP007904-PA	-	48	0.000271043	2	1146.592	1.82	Male reproductive organs	3R:-:2605374-2605342	exon=> In CDS Exon 4 of transcript AGAP007904-PA
JHU_Ag_62501	ADKGLVLGLYEQEIDTEEPR	AGAP007904-PA	-	77	2.91E-07	1	2275.141	-2.03	Malpighian tubule	3R:-:2606982-2607078,2606779-2606844	exon=> In CDS Exon 2 and 1 of transcript AGAP007904-PA
JHU_Ag_63743	GLVLGLYEQEIDTEEPR	AGAP007904-PA	-	129	2.16E-12	1	1960.983	-1.77	Male reproductive organs	3R:-:2606894-2606844	exon=> In CDS Exon 2 of transcript AGAP007904-PA
JHU_Ag_68611	LMLADAFVYGQTTFKPK	AGAP007904-PA	M2(Oxidation)	121	1.04E-11	1	1946.007	-1.42	Male reproductive organs	3R:-:2605803-2605753	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_70793	GMTFNSGGLCLK	AGAP007904-PA	M2(Oxidation), C10(Carbamidomethyl)	72	6.79E-07	1	1300.605	1.86	Male reproductive organs	3R:-:2606061-2606026	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_80097	TVAVHDTNNAGR	AGAP007904-PA	-	61	1.24E-05	2	1254.629	8.65	Male reproductive organs	3R:-:2605839-2605804	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_82072	MPLWQYYSHK	AGAP007904-PA	M1(Oxidation)	61	1.24E-05	1	1368.639	-0.85	Male reproductive organs	3R:-:2605611-2605582	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_85652	GKGSACLGAAFLK	AGAP007904-PA	C6(Carbamidomethyl)	104	4.14E-10	1	1279.685	1.9	Male reproductive organs	3R:-:2605476-2605438	exon=> In CDS Exon 4 of transcript AGAP007904-PA
JHU_Ag_92924	LDLYDSAEVDAWTR	AGAP007904-PA	-	113	8.57E-11	1	1653.776	0.44	Male reproductive organs	3R:-:2606376-2606335	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_93549	TDGQLLNLIK	AGAP007904-PA	-	81	7.65E-08	2	1114.647	0.4	Male reproductive organs	3R:-:2606810-2606781	exon=> In CDS Exon 2 of transcript AGAP007904-PA
JHU_Ag_99818	VTEYSNVDISNAGR	AGAP007904-PA	-	71	1.14E-06	1	1524.731	1.68	Malpighian tubule	3R:-:2605581-2606686,2605246-2605477	exon=> In CDS Exon 4 and 3 of transcript AGAP007904-PA
JHU_Ag_99981	SMSCFLSVAR	AGAP007904-PA	M2(Oxidation), C4(Carbamidomethyl)	64	3.03E-06	2	1173.543	3.4	Malpighian tubule	3R:-:2606175-2606146	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_101513	VTEYSNVDISNAGR	AGAP007904-PA	-	74	5.99E-07	2	1524.732	2.08	Ovary	3R:-:2605581-2606686,2605246-2605477	exon=> In CDS Exon 4 and 3 of transcript AGAP007904-PA
JHU_Ag_107634	ADKGLVLGLYEQEIDTEEPR	AGAP007904-PA	-	93	8.70E-09	1	2275.127	-7.85	Male reproductive organs	3R:-:2606982-2607078,2606779-2606844	exon=> In CDS Exon 2 and 1 of transcript AGAP007904-PA
JHU_Ag_107840	LSPTAIHFDAK	AGAP007904-PA	-	55	3.04E-05	1	1199.644	1.58	Malpighian tubule	3R:-:2606843-2606811	exon=> In CDS Exon 2 of transcript AGAP007904-PA
JHU_Ag_107843	ASMAGAATVVATIR	AGAP007904-PA	M3(Oxidation)	131	1.29E-12	1	1334.715	3.67	Male reproductive organs	3R:-:2605998-2605957	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_113237	SSCEPPIFLEISYCGDDKAGRPIMLAGK	AGAP007904-PA	C3(Carbamidomethyl), C14(Carbamidomethyl), M24(Oxidation)	63	7.47E-06	1	3127.491	0.48	Male reproductive organs	3R:-:2606145-2606062	exon=> In CDS Exon 3 of transcript AGAP007904-PA
JHU_Ag_117396	GSACLGAAFLK	AGAP007904-PA	C4(Carbamidomethyl)	90	1.49E-08	1	1094.566	-0.36	Male reproductive organs	3R:-:2605470-2605438	exon=> In CDS Exon 4 of transcript AGAP007904-PA
JHU_Ag_6369	IYDPVCGTDLSTYANR	AGAP007906-PA	C6(Carbamidomethyl)	140	1.17E-13	1	1844.843	-2.69	Midgut	3R:-:2639568-2639521	exon=> In CDS Exon 1 of transcript AGAP007906-PA

JHU_Ag_68150	LQLEHLR	AGAP007911-PA	Q2(Deamidated)	44	0.000273049	2	909.513	-2.25	Head	3R:+:2719537-2719557	exon=> In CDS Exon 3 of transcript AGAP007911-PA
JHU_Ag_17827	EIEIDIEPTDK	AGAP007913-PA	-	60	1.56E-05	2	1301.658	8.04	Head	3R:+:2721782-2721814	exon=> In CDS Exon 2 of transcript AGAP007913-PA
JHU_Ag_22425	EIEIDIEPTDKVDR	AGAP007913-PA	-	63	6.91E-06	1	1671.843	-0.43	Ovary	3R:+:2721782-2721823	exon=> In CDS Exon 2 of transcript AGAP007913-PA
JHU_Ag_37552	VQGGSVLHLVLALR	AGAP007913-PA	-	23	0.000912074	1	1461.893	2.29	Salivary gland	3R:+:2722020-2722061	exon=> In CDS Exon 3 of transcript AGAP007913-PA
JHU_Ag_44869	EIEIDIEPTDK	AGAP007913-PA	-	70	1.54E-06	1	1301.654	5.47	Ovary	3R:+:2721782-2721814	exon=> In CDS Exon 2 of transcript AGAP007913-PA
JHU_Ag_49597	VQGGSVLHLVLALR	AGAP007913-PA	-	124	8.34E-14	1	1461.890	-0.02	Ovary	3R:+:2722020-2722061	exon=> In CDS Exon 3 of transcript AGAP007913-PA
JHU_Ag_77021	VQGGSVLHLVLALR	AGAP007913-PA	-	70	2.17E-08	1	1461.894	2.49	Head	3R:+:2722020-2722061	exon=> In CDS Exon 3 of transcript AGAP007913-PA
JHU_Ag_80391	LIFSGK	AGAP007913-PA	-	34	0.001727384	1	664.402	-1.9	Head	3R:+:2721875-2721892	exon=> In CDS Exon 2 of transcript AGAP007913-PA
JHU_Ag_106155	EIEIDIEPTDKVDR	AGAP007913-PA	-	45	0.0004374	1	1671.854	5.92	Visceras	3R:+:2721782-2721823	exon=> In CDS Exon 2 of transcript AGAP007913-PA
JHU_Ag_3470	GFGGPQGMMAAETMMR	AGAP007918-PA	M8(Oxidation), M9(Oxidation), M14(Oxidation), M15(Oxidation)	93	1.10E-09	1	1735.691	0.09	Malpighian tubule	3R:+:2803972-2804019	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_3538	EGDTTHYNQQIEGCNVGK	AGAP007918-PA	C14(Carbamidomethyl)	133	3.55E-13	1	2049.899	3.09	Malpighian tubule	3R:+:2804080-2804133	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_5419	VTYEELQPVIVTLEDAIR	AGAP007918-PA	Q7(Deamidated)	137	1.27E-13	1	2088.124	0.68	Malpighian tubule	3R:+:2803291-2803344	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_5990	ALSEADVIIEGDCR	AGAP007918-PA	C13(Carbamidomethyl)	113	7.91E-11	1	1547.739	0.96	Malpighian tubule	3R:+:2803402-2803443	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_6656	LSDDFTLVSPATSSR	AGAP007918-PA	-	38	0.002927413	2	1595.793	1.21	Ovary	3R:+:2805094-2805138	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_8170	AAIVAIPVALAAHR	AGAP007918-PA	-	61	4.99E-07	1	1372.845	1.71	Head	3R:+:2803648-2803689	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_10750	AGPVFHDEFVFVK	AGAP007918-PA	-	80	1.96E-07	1	1491.765	1.12	Midgut	3R:+:2803165-2803203	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_13481	VTDDGPDPECTLLVYLR	AGAP007918-PA	C10(Carbamidomethyl)	59	1.92E-05	1	1962.956	4.41	Ovary	3R:+:2801263-2801313	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_16724	AAIVAIPVALAAHR	AGAP007918-PA	-	62	6.65E-07	1	1372.841	-0.96	Ovary	3R:+:2803648-2803689	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_18264	LLAGDFR	AGAP007918-PA	-	42	0.000799617	2	791.441	-0.2	Midgut	3R:+:2803801-2803821	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_18994	CWSEVLQSADFAK	AGAP007918-PA	C1(Carbamidomethyl)	78	2.32E-07	1	1540.712	1.35	Malpighian tubule	3R:+:2804134-2804172	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_19060	RPQVHASAFK	AGAP007918-PA	-	34	0.003791605	1	1140.621	-5.71	Pupa	3R:+:2802949-2802978	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_20196	VTDDGPDPECTLLVYLR	AGAP007918-PA	C10(Carbamidomethyl)	102	1.04E-09	1	1962.950	0.99	Malpighian tubule	3R:+:2801263-2801313	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_20486	DSDEIEVISSTQHPTEIQHHVAQTLGIPASK	AGAP007918-PA	-	92	6.67E-09	1	3367.686	2.7	Malpighian tubule	3R:+:2803501-2803593	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_23440	FFSADDLTEEQNK	AGAP007918-PA	-	96	2.34E-09	1	1543.691	-0.28	Midgut	3R:+:2803126-2803164	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_24379	DSDEIEVISSTQHPTEIQHHVAQTLGIPASK	AGAP007918-PA	-	106	2.86E-10	1	3367.675	-0.49	Midgut	3R:+:2803501-2803593	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_26153	AAIVAIPVALAAHR	AGAP007918-PA	-	83	4.08E-09	1	1372.850	5.63	Malpighian tubule	3R:+:2803648-2803689	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_27132	NVIQPQEALVSLFIPR	AGAP007918-PA	-	59	2.87E-06	1	1824.046	4.41	Ovary	3R:+:2802412-2802459	exon=> In CDS Exon 2 of transcript AGAP007918-PA

JHU_Ag_27733	VSLSATGFYATPDLGYDFGTNSGK	AGAP007918-PA	-	57	2.91E-05	2	2468.165	1.27	Midgut	3R:+:2804608-2804679	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_28567	DVVTTQGQIIGAIVADNQTIAQR	AGAP007918-PA	Q18(Deamidated),N17(Deamidated),Q6(Deamidated),Q8(Deamidated),Q22(Deamidated)	159	9.35E-16	1	2411.291	0.9	Malpighian tubule	3R:+:2803204-2803272	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_28870	LESFYPGFPR	AGAP007918-PA	-	51	8.79E-05	2	1212.603	-1.35	Visceras	3R:+:2803345-2803374	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_31642	TACQDKFVER	AGAP007918-PA	C3(Carbamidomethyl)	69	1.74E-06	1	1253.599	3.35	Malpighian tubule	3R:+:2805145-2805174	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_31766	TLNRDYVELIELNMYR	AGAP007918-PA	M14(Oxidation)	39	0.001915077	1	2058.044	5.45	Malpighian tubule	3R:+:2804032-2804079	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_32914	VTYEELQPVIVTLEDAIR	AGAP007918-PA	-	35	0.001978472	3	2088.131	3.89	Pupa	3R:+:2803291-2803344	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_34512	DGKLLAGDFR	AGAP007918-PA	-	42	0.000687642	2	1091.589	3.87	Malpighian tubule	3R:+:2803792-2803821	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_35801	DSDEIEVISSTQHPTEIQHHVAQTLGIPASK	AGAP007918-PA	-	83	5.16E-08	1	3367.673	-1.14	Head	3R:+:2803501-2803593	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_36413	FFSADDLTEEQNK	AGAP007918-PA	-	111	6.89E-11	1	1543.694	1.77	Malpighian tubule	3R:+:2803126-2803164	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_36532	FFSADDLTEEQNK	AGAP007918-PA	-	83	4.24E-08	2	1543.692	0.66	Visceras	3R:+:2803126-2803164	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_39242	LGGGFGGKESR	AGAP007918-PA	-	69	2.06E-06	2	1064.551	2.74	Malpighian tubule	3R:+:2803615-2803647	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_39945	AVGEPPLFLASSIFFAIR	AGAP007918-PA	-	132	2.89E-13	1	1935.077	1.8	Malpighian tubule	3R:+:2805007-2805060	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_40805	AYNNAGHSMDLSFAVLER	AGAP007918-PA	M9(Oxidation)	32	0.00734182	1	2010.935	0.33	Ovary	3R:+:2803822-2803875	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_41545	NVIQPQEALVSLFIPR	AGAP007918-PA	-	39	0.00035985	1	1824.035	-1.61	Salivary gland	3R:+:2802412-2802459	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_42701	AAIVAIPVALAAHR	AGAP007918-PA	-	62	6.65E-07	1	1372.842	-0.36	Visceras	3R:+:2803648-2803689	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_42743	ERLEPIR	AGAP007918-PA	-	32	0.003429991	1	912.526	-0.49	Malpighian tubule	3R:+:2804530-2804550	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_43922	LLAGDFR	AGAP007918-PA	-	35	0.00368029	2	791.441	0.19	Ovary	3R:+:2803801-2803821	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_44538	FFSADDLTEEQNK	AGAP007918-PA	-	94	3.84E-09	1	1543.692	0.66	Head	3R:+:2803126-2803164	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_44967	SETDGLLPQFDTNQPLVFFVNGKK	AGAP007918-PA	-	44	0.000509868	1	2694.381	1.38	Ovary	3R:+:2800635-2800706	exon=> In CDS Exon 1 of transcript AGAP007918-PA
JHU_Ag_45308	VTDDGPDPECTLLVYLR	AGAP007918-PA	C10(Carbamidomethyl)	36	0.003909962	1	1962.961	6.9	Midgut	3R:+:2801263-2801313	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_50897	VTDDGPDPECTLLVYLREK	AGAP007918-PA	C10(Carbamidomethyl)	69	2.14E-06	1	2220.094	3.76	Malpighian tubule	3R:+:2801263-2801319	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_51175	IIAKGDVEK	AGAP007918-PA	-	50	9.12E-05	1	972.575	2.96	Malpighian tubule	3R:+:2803375-2803401	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_52164	DEDMAVSGTR	AGAP007918-PA	M4(Oxidation)	67	6.77E-07	1	1096.457	-0.36	Malpighian tubule	3R:+:2803723-2803752	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_52679	GIHVVPTMFGIAFTVLHLNQSGALIHVYQDGTVLLTHGGTEMGQGLHTK	AGAP007918-PA	M8(Oxidation), M42(Oxidation)	33	0.001353109	1	5227.693	2.09	Malpighian tubule	3R:+:2804224-2804370	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_54249	AAIVAIPVALAAHR	AGAP007918-PA	-	54	3.44E-06	2	1372.841	-1.21	Midgut	3R:+:2803648-2803689	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_54622	MIQVAATALGIPFDR	AGAP007918-PA	M1(Oxidation)	73	5.77E-07	1	1618.865	1.96	Midgut	3R:+:2804371-2804415	exon=> In CDS Exon 2 of transcript AGAP007918-PA

JHU_Ag_57359	GPGMYKLPGFADIPGEFNVSLLTGAPNPR	AGAP007918-PA	-	81	7.38E-08	1	3015.561	6.96	Malpighian tubule	3R:+:2804902-2804988	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_59570	TNLPSNTAFR	AGAP007918-PA	-	72	1.05E-06	1	1120.574	-0.4	Malpighian tubule	3R:+:2803942-2803971	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_61155	RPQVHASAFK	AGAP007918-PA	-	62	4.49E-06	1	1140.629	1.12	Malpighian tubule	3R:+:2802949-2802978	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_62701	AGPVFHDEFVFVK	AGAP007918-PA	-	102	1.12E-09	1	1491.765	1.36	Malpighian tubule	3R:+:2803165-2803203	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_65234	MIQVAATALGIPFDR	AGAP007918-PA	M1(Oxidation)	107	2.34E-10	1	1618.865	1.73	Malpighian tubule	3R:+:2804371-2804415	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_65738	FFSADDLTEEQNK	AGAP007918-PA	-	68	1.62E-06	2	1543.694	1.93	Ovary	3R:+:2803126-2803164	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_65986	VSGDQPATDPIRRPQVHASAFK	AGAP007918-PA	-	51	8.80E-05	1	2377.242	1.92	Malpighian tubule	3R:+:2802913-2802978	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_66358	TNLPSNTAFR	AGAP007918-PA	-	43	0.000973358	2	1120.573	-1.82	Midgut	3R:+:2803942-2803971	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_72425	SETDGLLPQFDTNQPLVFFVNGKK	AGAP007918-PA	N13(Deamidated),Q14(Deamidated),N21(Deamidated)	73	6.97E-07	1	2695.370	3.14	Malpighian tubule	3R:+:2800635-2800706	exon=> In CDS Exon 1 of transcript AGAP007918-PA
JHU_Ag_73562	HPFYFHYK	AGAP007918-PA	-	51	0.00011014	1	1138.549	1.9	Malpighian tubule	3R:+:2803753-2803776	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_74529	VSLSATGFYATPDLGYDFGTNSGK	AGAP007918-PA	-	112	8.84E-11	1	2468.164	1.12	Malpighian tubule	3R:+:2804608-2804679	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_75829	MIQVAATALGIPFDR	AGAP007918-PA	-	51	8.23E-05	2	1602.862	-3.33	Ovary	3R:+:2804371-2804415	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_76625	LESFYPGFPR	AGAP007918-PA	-	47	0.000282547	2	1212.605	-0.04	Ovary	3R:+:2803345-2803374	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_77409	LSDDFTLVSPATSSR	AGAP007918-PA	-	95	5.35E-09	1	1595.794	1.51	Malpighian tubule	3R:+:2805094-2805138	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_78497	LPGFADIPGEFNVSLLTGAPNPR	AGAP007918-PA	-	160	7.83E-16	1	2382.246	0.43	Malpighian tubule	3R:+:2804920-2804988	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_87015	AYNNAGHSMDLSFAVLER	AGAP007918-PA	N4(Deamidated), M9(Oxidation),M9(Oxidation),"N3(Deamidated), M9(Oxidation)"	86	3.04E-08	1	2010.942	3.79	Malpighian tubule	3R:+:2803822-2803875	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_92360	NVIQPQEALVSLFIPR	AGAP007918-PA	Q4(Deamidated),Q6(Deamidated)	117	5.47E-12	1	1824.040	1.01	Malpighian tubule	3R:+:2802412-2802459	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_92920	AYNNAGHSMDLSFAVLER	AGAP007918-PA	M9(Oxidation)	60	1.36E-05	1	2010.932	-0.77	Midgut	3R:+:2803822-2803875	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_94474	LESFYPGFPR	AGAP007918-PA	-	51	0.000104595	2	1212.607	2.18	Malpighian tubule	3R:+:2803345-2803374	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_95121	KNVIQPQEALVSLFIPR	AGAP007918-PA	-	49	1.86E-05	1	1952.135	1	Malpighian tubule	3R:+:2802409-2802459	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_98397	SETDGLLPQFDTNQPLVFFVNGK	AGAP007918-PA	N21(Deamidated)	119	1.94E-11	1	2567.276	3.76	Malpighian tubule	3R:+:2800635-2800703	exon=> In CDS Exon 1 of transcript AGAP007918-PA
JHU_Ag_100489	LLAGDFR	AGAP007918-PA	-	36	0.002931923	2	791.442	1.11	Malpighian tubule	3R:+:2803801-2803821	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_101345	AFNYYTYGAACSEVEIDCLTGDHQVIR	AGAP007918-PA	C11(Carbamidomethyl), C18(Carbamidomethyl)	89	1.24E-08	1	3152.417	2.56	Malpighian tubule	3R:+:2804680-2804760	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_101546	CMLDRDEDMAVSGTR	AGAP007918-PA	C1(Carbamidomethyl), M2(Oxidation), M9(Oxidation)	44	0.000112554	1	1787.736	-0.13	Malpighian tubule	3R:+:2803708-2803752	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_101771	NVIQPQEALVSLFIPR	AGAP007918-PA	-	89	3.11E-09	2	1824.039	0.47	Midgut	3R:+:2802412-2802459	exon=> In CDS Exon 2 of transcript AGAP007918-PA

JHU_Ag_102860	AAIVAIPVALAAHR	AGAP007918-PA	-	37	0.000147604	1	1372.846	2.79	Pupa	3R:+:2803648-2803689	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_106204	FNEEHR	AGAP007918-PA	-	35	0.000998801	2	831.375	0.83	Malpighian tubule	3R:+:2804194-2804211	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_106436	LSDDFTLVSPATSSR	AGAP007918-PA	-	55	4.74E-05	1	1595.792	0.75	Visceras	3R:+:2805094-2805138	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_106932	VTYEELQPVIVTLEDAIR	AGAP007918-PA	-	46	0.000152525	1	2088.131	4.07	Ovary	3R:+:2803291-2803344	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_107885	SMFHIQNAYR	AGAP007918-PA	M2(Oxidation)	66	3.20E-06	1	1282.601	0.97	Malpighian tubule	3R:+:2803876-2803905	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_111093	SMFHIQNAYRIPHLR	AGAP007918-PA	M2(Oxidation)	36	0.002938436	1	1898.987	3.4	Malpighian tubule	3R:+:2803876-2803920	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_112812	IHISETSTDK	AGAP007918-PA	-	52	0.000102441	2	1130.569	-0.27	Malpighian tubule	3R:+:2804416-2804445	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_114964	DYVELIELNMYR	AGAP007918-PA	M10(Oxidation)	97	3.03E-09	1	1573.757	0.33	Malpighian tubule	3R:+:2804044-2804079	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_115280	VTYEELQPVIVTLEDAIR	AGAP007918-PA	-	84	3.00E-08	1	2088.121	-0.67	Midgut	3R:+:2803291-2803344	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_115324	LESFYPGFPR	AGAP007918-PA	-	43	0.000711121	2	1212.604	-0.34	Midgut	3R:+:2803345-2803374	exon=> In CDS Exon 2 of transcript AGAP007918-PA
JHU_Ag_115753	APSSVRSETDGLLPQFDTNQPLVFFVNGK	AGAP007918-PA	-	109	1.01E-10	1	3163.626	6.31	Malpighian tubule	3R:+:2800617-2800703	exon=> In CDS Exon 1 of transcript AGAP007918-PA
JHU_Ag_117762	KVTDDGPDPECTLLVYLR	AGAP007918-PA	C11(Carbamidomethyl)	82	8.85E-08	1	2091.047	2.12	Malpighian tubule	3R:+:2800704-2800706,2801263-2801313	exon=> In CDS Exon 1 and 2 of transcript AGAP007918-PA
JHU_Ag_444	LGCAEGGCGACTVMVSKVDR	AGAP007918-PA,AGAP013758-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C11(Carbamidomethyl), M14(Oxidation)	45	0.000311484	1	2142.948	3.94	Malpighian tubule	3R:+:2801341-2801400;3R:+:2793113-2793172	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_1568	FKHFEYPVLANPIQIK	AGAP007918-PA,AGAP013758-PA	-	98	8.96E-10	1	1944.075	0.6	Malpighian tubule	3R:+:2802031-2802078;3R:+:2793835-2793882	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_1580	IVVGNTEVGVEVK	AGAP007918-PA,AGAP013758-PA	-	98	1.26E-09	2	1342.757	-0.36	Midgut	3R:+:2801992-2802030;3R:+:2793796-2793834	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_1749	VSGDQPATDPIR	AGAP007918-PA,AGAP013758-PA	-	91	9.60E-09	1	1255.627	-0.52	Malpighian tubule	3R:+:2802913-2802948;3R:+:2794717-2794752	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_3337	EFGCAMGDK	AGAP007918-PA,AGAP013758-PA	C4(Carbamidomethyl), M6(Oxidation)	32	0.000767682	2	1030.398	0.58	Malpighian tubule	3R:+:2801716-2801742;3R:+:2793488-2793514	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_3534	LGCAEGGCGACTVMVSK	AGAP007918-PA,AGAP013758-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C11(Carbamidomethyl), M14(Oxidation)	120	4.23E-12	1	1772.746	1.54	Malpighian tubule	3R:+:2801341-2801391;3R:+:2793113-2793163	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_4545	FRPGTDIVDEIHLAFGGMAPTTVLAK	AGAP007918-PA,AGAP013758-PA	M18(Oxidation)	75	2.27E-07	1	2772.433	-2.12	Midgut	3R:+:2802550-2802627;3R:+:2794354-2794431	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_4619	IGSAVTLMEMEIALR	AGAP007918-PA,AGAP013758-PA	M8(Oxidation), M10(Oxidation)	100	1.51E-09	1	1665.858	1.86	Malpighian tubule	3R:+:2802118-2802162;3R:+:2793922-2793966	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_4813	AYLAIAQSLDK	AGAP007918-PA,AGAP013758-PA	-	96	2.06E-09	1	1192.658	0.22	Malpighian tubule	3R:+:2802781-2802813;3R:+:2794585-2794617	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA

JHU_Ag_7778	ILSIDASEALKQEGVHR	AGAP007918-PA,AGAP013758-PA	-	36	0.002287069	1	1866.006	-1.03	Midgut	3R:+:2803075-2803125;3R:+:2794879-2794929	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_11518	TRLHPVQER	AGAP007918-PA,AGAP013758-PA	-	35	0.002324351	2	1135.636	2.47	Malpighian tubule	3R:+:2801506-2801532;3R:+:2793278-2793304	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_12952	MGDGFFTGYR	AGAP007918-PA,AGAP013758-PA	-	37	0.001207318	2	1150.501	1.95	Visceras	3R:+:2802379-2802408;3R:+:2794183-2794212	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_15177	TTKDQYFIAHK	AGAP007918-PA,AGAP013758-PA	-	70	1.46E-06	1	1351.705	3.32	Malpighian tubule	3R:+:2802460-2802492;3R:+:2794264-2794296	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_15722	EIETGPETETR	AGAP007918-PA,AGAP013758-PA	-	55	4.34E-05	2	1261.592	1.19	Pupa	3R:+:2802166-2802198;3R:+:2793970-2794002	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_21923	MGDGFFTGYRK	AGAP007918-PA,AGAP013758-PA	M1(Oxidation)	58	2.44E-05	1	1294.594	4.24	Malpighian tubule	3R:+:2802379-2802411;3R:+:2794183-2794215	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_24380	SSPVPSMKELEVAFQGNLCR	AGAP007918-PA,AGAP013758-PA	C19(Carbamidomethyl),"M7(Oxidation),C19(Carbamidomethyl)"	75	5.27E-07	1	2265.101	0.48	Malpighian tubule	3R:+:2801608-2801667;3R:+:2793380-2793439	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_24943	LSDKLDSESLVFR	AGAP007918-PA,AGAP013758-PA	-	106	3.44E-10	1	1508.798	1.79	Malpighian tubule	3R:+:2801875-2801913;3R:+:2793647-2793685	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_25994	HFEYPVLANPIQIK	AGAP007918-PA,AGAP013758-PA	-	108	1.10E-10	1	1668.914	1.95	Malpighian tubule	3R:+:2802037-2802078;3R:+:2793841-2793882	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_27396	FRPGTDIVDEIHLAFGGMAPTTVLAKK	AGAP007918-PA,AGAP013758-PA	M18(Oxidation)	119	5.81E-12	1	2900.552	6.33	Malpighian tubule	3R:+:2802550-2802630;3R:+:2794354-2794434	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_30918	VSGDQPATDPIR	AGAP007918-PA,AGAP013758-PA	-	48	0.000204477	2	1255.627	-1	Visceras	3R:+:2802913-2802948;3R:+:2794717-2794752	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_32155	SLTLSLFFK	AGAP007918-PA,AGAP013758-PA	-	36	0.001171675	2	1055.618	4.37	Ovary	3R:+:2802754-2802780;3R:+:2794558-2794584	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_33728	VSGDQPATDPIR	AGAP007918-PA,AGAP013758-PA	-	99	1.42E-09	1	1255.627	-1	Midgut	3R:+:2802913-2802948;3R:+:2794717-2794752	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_34140	WDAQLVER	AGAP007918-PA,AGAP013758-PA	-	38	0.002736451	2	1016.515	-0.64	Ovary	3R:+:2802658-2802681;3R:+:2794462-2794485	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_34579	VSGDQPATDPIR	AGAP007918-PA,AGAP013758-PA	-	47	0.000292901	2	1255.628	0.36	Salivary gland	3R:+:2802913-2802948;3R:+:2794717-2794752	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_36095	IVVGNTEVGVEVK	AGAP007918-PA,AGAP013758-PA	-	118	1.39E-11	1	1342.758	-0.09	Malpighian tubule	3R:+:2801992-2802030;3R:+:2793796-2793834	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_37151	TATALVGTR	AGAP007918-PA,AGAP013758-PA	-	76	2.64E-07	2	889.510	-0.44	Malpighian tubule	3R:+:2802631-2802657;3R:+:2794435-2794461	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_39253	DDDIAIVNGAFNVR	AGAP007918-PA,AGAP013758-PA	N8(Deamidated)	91	1.59E-08	1	1519.739	0.33	Malpighian tubule	3R:+:2802508-2802549;3R:+:2794312-2794353	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA

JHU_Ag_40180	CNDLLVEELPLSPSAPGGMIVYR	AGAP007918-PA,AGAP013758-PA	C1(Carbamidomethyl), M19(Oxidation)	82	9.81E-08	1	2546.267	1.51	Malpighian tubule	3R:+:2802682-2802750;3R:+:2794486-2794554	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_41360	LYQAIVDMLHWFAGK	AGAP007918-PA,AGAP013758-PA	M8(Oxidation)	46	0.000360091	1	1807.925	2.81	Malpighian tubule	3R:+:2802199-2802243;3R:+:2794003-2794047	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_42034	KTATALVGTR	AGAP007918-PA,AGAP013758-PA	-	78	4.74E-08	2	1017.605	-0.5	Malpighian tubule	3R:+:2802628-2802657;3R:+:2794432-2794461	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_42989	QVTGEAIYCDDIPK	AGAP007918-PA,AGAP013758-PA	C9(Carbamidomethyl)	45	0.000475164	2	1608.760	1.76	Midgut	3R:+:2802979-2803020;3R:+:2794783-2794824	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_43541	CNDLLVEELPLSPSAPGGMIVYRR	AGAP007918-PA,AGAP013758-PA	C1(Carbamidomethyl),"C1 (Carbamidomethyl), M19(Oxidation)"	111	8.08E-11	1	2686.383	5.24	Malpighian tubule	3R:+:2802682-2802753;3R:+:2794486-2794557	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_43822	SLTLSLFFK	AGAP007918-PA,AGAP013758-PA	-	31	0.003730283	2	1055.612	-1.07	Midgut	3R:+:2802754-2802780;3R:+:2794558-2794584	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_45871	IVVGNTEVGVEVK	AGAP007918-PA,AGAP013758-PA	-	44	0.000301866	2	1342.759	0.64	Salivary gland	3R:+:2801992-2802030;3R:+:2793796-2793834	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_46140	SGANTFHTLVPK	AGAP007918-PA,AGAP013758-PA	N4(Deamidated)	58	2.43E-05	1	1272.658	-0.64	Midgut	3R:+:2802856-2802891;3R:+:2794660-2794695	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_48204	LSDKLDSESLVFR	AGAP007918-PA,AGAP013758-PA	-	43	0.000604954	1	1508.800	2.65	Visceras	3R:+:2801875-2801913;3R:+:2793647-2793685	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_53022	ILSIDASEALKQEGVHR	AGAP007918-PA,AGAP013758-PA	-	146	2.06E-14	1	1866.014	3.3	Malpighian tubule	3R:+:2803075-2803125;3R:+:2794879-2794929	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_55045	LSDKLDSESLVFR	AGAP007918-PA,AGAP013758-PA	-	37	0.002829582	1	1508.799	2.59	Pupa	3R:+:2801875-2801913;3R:+:2793647-2793685	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_55931	STQLFEK	AGAP007918-PA,AGAP013758-PA	-	37	0.00218243	2	852.447	1.24	Malpighian tubule	3R:+:2802892-2802912;3R:+:2794696-2794716	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_56878	EIETGPETETR	AGAP007918-PA,AGAP013758-PA	-	39	0.001409247	2	1261.591	0.12	Ovary	3R:+:2802166-2802198;3R:+:2793970-2794002	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_57752	RLGGGFGGK	AGAP007918-PA,AGAP013758-PA	-	40	0.000995839	2	848.474	-0.25	Malpighian tubule	3R:+:2803612-2803638;3R:+:2795416-2795442	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_58108	QVTGEAIYCDDIPK	AGAP007918-PA,AGAP013758-PA	C9(Carbamidomethyl)	80	1.51E-07	2	1608.762	2.6	Malpighian tubule	3R:+:2802979-2803020;3R:+:2794783-2794824	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_58470	SLTLSLFFK	AGAP007918-PA,AGAP013758-PA	-	33	0.002022013	1	1055.616	2.29	Malpighian tubule	3R:+:2802754-2802780;3R:+:2794558-2794584	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_58532	TGSLHHLAVNACLTPVCAVHGMAVTTVEGIGSTR	AGAP007918-PA,AGAP013758-PA	C12(Carbamidomethyl), C17(Carbamidomethyl), M22(Oxidation)	81	7.45E-08	1	3532.746	0.09	Malpighian tubule	3R:+:2801404-2801505;3R:+:2793176-2793277	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_63590	AHPETKIVVGNTEVGVEVK	AGAP007918-PA,AGAP013758-PA	-	64	2.14E-06	1	2006.099	3.74	Malpighian tubule	3R:+:2801974-2802030;3R:+:2793778-2793834	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA

JHU_Ag_64883	FANELYLAFVYSTK	AGAP007918-PA,AGAP013758-PA	-	88	2.17E-08	1	1665.852	0.08	Malpighian tubule	3R:+:2803021-2803062;3R:+:2794825-2794866	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_65664	IGSAVTLMEMEIALRK	AGAP007918-PA,AGAP013758-PA	M8(Oxidation), M10(Oxidation)	53	5.29E-05	1	1793.950	0.02	Malpighian tubule	3R:+:2802118-2802165;3R:+:2793922-2793969	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_67075	SGANTFHTLVPK	AGAP007918-PA,AGAP013758-PA	-	56	3.70E-05	1	1271.679	3.69	Head	3R:+:2802856-2802891;3R:+:2794660-2794695	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_68138	AHGSQCGFCTPGIVMSMYSLLR	AGAP007918-PA,AGAP013758-PA	C6(Carbamidomethyl), C9(Carbamidomethyl), M17(Oxidation),"C6(Carbamidomethyl), C9(Carbamidomethyl), M15(Oxidation)","C6(Carbamidomethyl), C9(Carbamidomethyl), M15(Oxidation), M17(Oxidation)"	81	7.45E-08	1	2504.130	4.54	Malpighian tubule	3R:+:2801542-2801607;3R:+:2793314-2793379	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_68224	LSDKLDSESLVFR	AGAP007918-PA,AGAP013758-PA	-	77	2.44E-07	1	1508.795	-0.16	Midgut	3R:+:2801875-2801913;3R:+:2793647-2793685	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_68680	VSGDQPATDPIR	AGAP007918-PA,AGAP013758-PA	-	65	3.87E-06	2	1255.631	2.4	Head	3R:+:2802913-2802948;3R:+:2794717-2794752	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_70973	DQYFIAHK	AGAP007918-PA,AGAP013758-PA	-	44	0.000659435	1	1021.510	0.12	Midgut	3R:+:2802469-2802492;3R:+:2794273-2794296	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_79332	ELEVAFQGNLCR	AGAP007918-PA,AGAP013758-PA	C11(Carbamidomethyl)	94	7.18E-09	1	1435.701	0.5	Malpighian tubule	3R:+:2801632-2801667;3R:+:2793404-2793439	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_80674	DQYFIAHK	AGAP007918-PA,AGAP013758-PA	-	47	0.000386765	1	1021.510	-0.54	Malpighian tubule	3R:+:2802469-2802492;3R:+:2794273-2794296	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_81118	ILSIDASEALK	AGAP007918-PA,AGAP013758-PA	-	65	2.82E-06	1	1159.658	1.23	Malpighian tubule	3R:+:2803075-2803107;3R:+:2794879-2794911	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_81423	FRPGTDIVDEIHLAFGGMAPTTVLAK	AGAP007918-PA,AGAP013758-PA	M18(Oxidation)	157	1.33E-15	1	2772.435	-1.39	Malpighian tubule	3R:+:2802550-2802627;3R:+:2794354-2794431	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_82083	TATALVGTRWDAQLVER	AGAP007918-PA,AGAP013758-PA	-	121	6.87E-12	1	1887.017	4.67	Malpighian tubule	3R:+:2802631-2802681;3R:+:2794435-2794485	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_83671	SGANTFHTLVPK	AGAP007918-PA,AGAP013758-PA	-	87	2.76E-08	1	1271.679	3.98	Malpighian tubule	3R:+:2802856-2802891;3R:+:2794660-2794695	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_84983	LDSESLVFR	AGAP007918-PA,AGAP013758-PA	-	55	4.30E-05	1	1065.558	0.79	Malpighian tubule	3R:+:2801887-2801913;3R:+:2793659-2793685	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_86246	ILSIDASEALKQEGVHR	AGAP007918-PA,AGAP013758-PA	-	38	0.001215142	1	1866.009	0.39	Ovary	3R:+:2803075-2803125;3R:+:2794879-2794929	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_88668	CTGYRPILEGYK	AGAP007918-PA,AGAP013758-PA	C1(Carbamidomethyl)	51	0.000105137	1	1456.727	1.21	Malpighian tubule	3R:+:2801668-2801703;3R:+:2793440-2793475	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA

JHU_Ag_91047	MGDGFFTGYR	AGAP007918-PA,AGAP013758-PA	M1(Oxidation)	81	4.35E-08	2	1166.493	-0.73	Malpighian tubule	3R:+:2802379-2802408;3R:+:2794183-2794212	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_93627	LSDKLDSESLVFR	AGAP007918-PA,AGAP013758-PA	-	63	5.44E-06	1	1508.800	3.24	Ovary	3R:+:2801875-2801913;3R:+:2793647-2793685	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_94633	VSGDQPATDPIR	AGAP007918-PA,AGAP013758-PA	-	85	3.64E-08	1	1255.627	-0.61	Pupa	3R:+:2802913-2802948;3R:+:2794717-2794752	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_95493	AYLAIAQSLDKQSIPHR	AGAP007918-PA,AGAP013758-PA	-	92	3.39E-09	1	1911.050	2.64	Malpighian tubule	3R:+:2802781-2802831;3R:+:2794585-2794635	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_97093	RDDDIAIVNGAFNVR	AGAP007918-PA,AGAP013758-PA	-	98	2.37E-09	1	1674.857	0.86	Malpighian tubule	3R:+:2802505-2802549;3R:+:2794309-2794353	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_107022	NVASVGGNIMTGSPISDLNPIFTAAAIELEVASLDGGFRK	AGAP007918-PA,AGAP013758-PA	M10(Oxidation)	131	4.16E-13	1	4048.086	3.95	Malpighian tubule	3R:+:2802253-2802372;3R:+:2794057-2794176	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_107643	EIETGPETETR	AGAP007918-PA,AGAP013758-PA	-	49	0.000153784	1	1261.596	3.9	Malpighian tubule	3R:+:2802166-2802198;3R:+:2793970-2794002	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_107892	FKHFEYPVLANPIQIK	AGAP007918-PA,AGAP013758-PA	-	63	2.79E-06	1	1944.082	3.8	Midgut	3R:+:2802031-2802078;3R:+:2793835-2793882	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_110860	AYLAIAQSLDK	AGAP007918-PA,AGAP013758-PA	-	68	1.14E-06	2	1192.657	0.11	Midgut	3R:+:2802781-2802813;3R:+:2794585-2794617	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_115644	NVASVGGNIMTGSPISDLNPIFTAAAIELEVASLDGGFR	AGAP007918-PA,AGAP013758-PA	M10(Oxidation)	125	2.37E-12	1	3919.974	-0.16	Malpighian tubule	3R:+:2802253-2802369;3R:+:2794057-2794173	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_117301	QSIPHR	AGAP007918-PA,AGAP013758-PA	-	35	0.001537 07	2	737.407	2.57	Malpighian tubule	3R:+:2802814-2802831;3R:+:2794618-2794635	exon=> In CDS Exon 2 of transcript AGAP007918-PA;exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_19227	LDLQDQIAGLEK	AGAP007919-PA	-	71	8.01E-07	2	1342.721	-0.62	Midgut	3R:-:2810433-2810398	exon=> In CDS Exon 3 of transcript AGAP007919-PA
JHU_Ag_21162	VNLDQNEFVDILAK	AGAP007919-PA	-	65	4.09E-06	2	1617.856	4.74	Malpighian tubule	3R:-:2812974-2812933	exon=> In CDS Exon 2 of transcript AGAP007919-PA
JHU_Ag_36005	YSPNNIIDAR	AGAP007919-PA	-	55	5.92E-05	2	1162.587	1.66	Salivary gland	3R:-:2808784-2808755	exon=> In CDS Exon 7 of transcript AGAP007919-PA
JHU_Ag_50262	LDLQDQIAGLEK	AGAP007919-PA	-	66	2.72E-06	2	1342.725	2.38	Malpighian tubule	3R:-:2810433-2810398	exon=> In CDS Exon 3 of transcript AGAP007919-PA
JHU_Ag_56448	VNLDQNEFVDILAK	AGAP007919-PA	-	75	4.96E-07	2	1617.851	1.57	Visceras	3R:-:2812974-2812933	exon=> In CDS Exon 2 of transcript AGAP007919-PA
JHU_Ag_60398	LDLQDQIAGLEK	AGAP007919-PA	-	48	0.000175824	2	1342.730	6.38	Head	3R:-:2810433-2810398	exon=> In CDS Exon 3 of transcript AGAP007919-PA
JHU_Ag_61728	VNLDQNEFVDILAK	AGAP007919-PA	-	56	4.08E-05	2	1617.851	1.72	Male reproductive organs	3R:-:2812974-2812933	exon=> In CDS Exon 2 of transcript AGAP007919-PA
JHU_Ag_70289	VNLDQNEFVDILAK	AGAP007919-PA	-	93	8.40E-09	1	1617.849	0.44	Midgut	3R:-:2812974-2812933	exon=> In CDS Exon 2 of transcript AGAP007919-PA
JHU_Ag_78312	LDLQDQIAGLEK	AGAP007919-PA	-	48	0.000182518	2	1342.723	1.38	Male reproductive organs	3R:-:2810433-2810398	exon=> In CDS Exon 3 of transcript AGAP007919-PA
JHU_Ag_88383	VNLDQNEFVDILAK	AGAP007919-PA	-	35	0.004487756	2	1617.849	0.29	Ovary	3R:-:2812974-2812933	exon=> In CDS Exon 2 of transcript AGAP007919-PA
JHU_Ag_94106	LEELEQAR	AGAP007919-PA	-	48	0.000223 52	2	987.512	1.43	Salivary gland	3R:-:2810166-2810143	exon=> In CDS Exon 3 of transcript AGAP007919-PA

JHU_Ag_101064	LEVLSSYFK	AGAP007919-PA	-	38	0.001842528	1	1085.592	3.86	Salivary gland	3R:-:2809603-2809577	exon=> In CDS Exon 4 of transcript AGAP007919-PA
JHU_Ag_13045	GLAEAGHEVTVVSHFPEK	AGAP007920-PA	-	69	2.10E-06	1	1906.961	-2.52	Visceras	3R:+:2817831-2817884	exon=> In CDS Exon 1 of transcript AGAP007920-PA
JHU_Ag_20815	LANWITVQSFK	AGAP007920-PA	-	63	4.86E-06	2	1306.719	2.56	Head	3R:+:2819215-2819247	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_30549	FGQGAIPDVR	AGAP007920-PA	-	66	3.86E-06	2	1059.560	1.42	Head	3R:+:2819302-2819331	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_37783	ALYSWFNDAAANK	AGAP007920-PA	-	68	2.21E-06	1	1470.702	0.64	Head	3R:+:2819248-2819286	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_40915	LANWITVQSFK	AGAP007920-PA	-	59	1.12E-05	2	1306.716	0.32	Malpighian tubule	3R:+:2819215-2819247	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_46334	LANWITVQSFK	AGAP007920-PA	-	62	6.89E-06	2	1306.716	0.79	Pupa	3R:+:2819215-2819247	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_52159	GLAEAGHEVTVVSHFPEK	AGAP007920-PA	-	57	3.22E-05	1	1906.972	3.05	Malpighian tubule	3R:+:2817831-2817884	exon=> In CDS Exon 1 of transcript AGAP007920-PA
JHU_Ag_61109	GLAEAGHEVTVVSHFPEK	AGAP007920-PA	-	134	5.92E-13	1	1906.968	1.13	Head	3R:+:2817831-2817884	exon=> In CDS Exon 1 of transcript AGAP007920-PA
JHU_Ag_63931	FGQGAIPDVR	AGAP007920-PA	-	52	0.000110473	2	1059.557	-1.23	Pupa	3R:+:2819302-2819331	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_79363	ALYSWFNDAAANK	AGAP007920-PA	-	48	0.00019196	2	1470.703	1.05	Visceras	3R:+:2819248-2819286	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_99306	APYIGLSSCPLMPWHYER	AGAP007920-PA	C9(Carbamidomethyl)	89	2.05E-08	1	2177.043	5.82	Visceras	3R:+:2819083-2819136	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_116440	ALYSWFNDAAANK	AGAP007920-PA	-	64	5.16E-06	2	1470.701	0.05	Pupa	3R:+:2819248-2819286	exon=> In CDS Exon 2 of transcript AGAP007920-PA
JHU_Ag_982	DDKDNLIEGVR	AGAP007921-PA	-	55	5.50E-05	1	1273.641	1.93	Ovary	3R:-:2822894-2822862	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_18117	VVVNPSGGLISK	AGAP007921-PA	-	41	0.000337099	2	1169.690	1.23	Ovary	3R:-:2823206-2823171	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_34963	VVVNPSGGLISK	AGAP007921-PA	-	64	1.84E-06	2	1169.691	1.76	Malpighian tubule	3R:-:2823206-2823171	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_35294	SPVVHEILTK	AGAP007921-PA	-	68	6.22E-07	1	1122.652	0.33	Head	3R:-:2823668-2823639	exon=> In CDS Exon 3 of transcript AGAP007921-PA
JHU_Ag_37486	VVVNPSGGLISK	AGAP007921-PA	-	55	1.38E-05	2	1169.689	0.4	Salivary gland	3R:-:2823206-2823171	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_38183	AGEFIDRGDNTYGGR	AGAP007921-PA	-	56	2.71E-05	2	1627.749	1.81	Ovary	3R:-:2823251-2823207	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_47057	ENFDYPQMAK	AGAP007921-PA	M8(Oxidation)	32	0.002503785	1	1258.538	-2.41	Male reproductive organs	3R:-:2824280-2824251	exon=> In CDS Exon 2 of transcript AGAP007921-PA
JHU_Ag_47090	NAVQKVFAK	AGAP007921-PA	-	46	0.000160628	1	1004.588	-0.48	Malpighian tubule	3R:-:2823383-2823357	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_47675	GTDKPDVTFIMNDVDVVDLISGK	AGAP007921-PA	M11(Oxidation)	120	1.56E-11	1	2494.236	-1.02	Ovary	3R:-:2822765-2822697	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_54799	VYVVGVGMTK	AGAP007921-PA	M8(Oxidation)	46	0.000209322	2	1068.575	-0.68	Male reproductive organs	3R:-:2825747-2825718	exon=> In CDS Exon 1 of transcript AGAP007921-PA
JHU_Ag_56734	SPVVHEILTK	AGAP007921-PA	-	56	1.23E-05	1	1122.650	-1.2	Male reproductive organs	3R:-:2823668-2823639	exon=> In CDS Exon 3 of transcript AGAP007921-PA
JHU_Ag_57843	VYVVGVGMTK	AGAP007921-PA	M8(Oxidation)	52	5.29E-05	2	1068.575	-0.91	Malpighian tubule	3R:-:2825747-2825718	exon=> In CDS Exon 1 of transcript AGAP007921-PA
JHU_Ag_65315	HSTNNPYSQFQDEYSLEQIQK	AGAP007921-PA	-	58	2.11E-05	3	2556.173	3.46	Head	3R:-:2823803-2824301,2823498-2823669	exon=> In CDS Exon 3 and 2 of transcript AGAP007921-PA
JHU_Ag_67193	HSTNNPYSQFQDEYSLEQIQK	AGAP007921-PA	-	140	1.35E-13	1	2556.175	4.23	Malpighian tubule	3R:-:2823803-2824301,2823498-2823669	exon=> In CDS Exon 3 and 2 of transcript AGAP007921-PA

JHU_Ag_72191	YGTKPEHFAK	AGAP007921-PA	-	55	5.23E-05	1	1177.600	0.28	Malpighian tubule	3R:-:2823854-2823825	exon=> In CDS Exon 2 of transcript AGAP007921-PA
JHU_Ag_76416	LQCCPTSDGAACCIVASESFVKR	AGAP007921-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), C12(Carbamidomethyl), C13(Carbamidomethyl)	131	7.35E-13	1	2616.174	2.62	Malpighian tubule	3R:-:2823638-2823570	exon=> In CDS Exon 3 of transcript AGAP007921-PA
JHU_Ag_76966	AGEFIDRGDNTYGGR	AGAP007921-PA	-	87	2.00E-08	1	1627.748	1.29	Malpighian tubule	3R:-:2823251-2823207	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_77896	HSTNNPYSQFQDEYSLEQIQK	AGAP007921-PA	-	66	2.78E-06	1	2556.162	-0.62	Midgut	3R:-:2823803-2824301,2823498-2823669	exon=> In CDS Exon 3 and 2 of transcript AGAP007921-PA
JHU_Ag_78281	VVVNPSGGLISK	AGAP007921-PA	-	42	0.000325607	2	1169.689	-0.33	Midgut	3R:-:2823206-2823171	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_79837	LGFPYAK	AGAP007921-PA	-	31	0.006721791	1	795.439	-1.37	Midgut	3R:-:2823017-2822997	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_83517	VVVNPSGGLISK	AGAP007921-PA	-	51	4.08E-05	1	1169.689	-0.33	Pupa	3R:-:2823206-2823171	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_84076	GTDKPDVTFIMNDVDVVDLISGK	AGAP007921-PA	M11(Oxidation)	45	0.000466797	3	2494.246	3.24	Larva	3R:-:2822765-2822697	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_85408	SPVVHEILTK	AGAP007921-PA	-	45	0.000145465	1	1122.650	-1.2	Pupa	3R:-:2823668-2823639	exon=> In CDS Exon 3 of transcript AGAP007921-PA
JHU_Ag_88728	LKDTPDGFLVTPYMR	AGAP007921-PA	-	53	6.16E-05	2	1752.910	6.39	Malpighian tubule	3R:-:2822960-2822916	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_94980	AGEFIDRGDNTYGGR	AGAP007921-PA	-	35	0.003208851	1	1627.742	-2.54	Male reproductive organs	3R:-:2823251-2823207	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_95896	VTNGPDGAEGYWVINAK	AGAP007921-PA	-	80	1.66E-07	1	1790.868	-1.62	Midgut	3R:-:2822843-2822793	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_95898	DDKDNLIEGVR	AGAP007921-PA	-	70	1.81E-06	1	1273.635	-2.39	Head	3R:-:2822894-2822862	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_97431	QLVESGNNDCVLALGFEK	AGAP007921-PA	C10(Carbamidomethyl)	101	1.32E-09	1	1992.975	2.59	Ovary	3R:-:2824058-2824005	exon=> In CDS Exon 2 of transcript AGAP007921-PA
JHU_Ag_98351	HSTNNPYSQFQDEYSLEQIQK	AGAP007921-PA	-	84	4.70E-08	1	2556.170	2.46	Salivary gland	3R:-:2823803-2824301,2823498-2823669	exon=> In CDS Exon 3 and 2 of transcript AGAP007921-PA
JHU_Ag_98872	SPVVHEILTK	AGAP007921-PA	-	70	4.01E-07	1	1122.653	0.86	Malpighian tubule	3R:-:2823668-2823639	exon=> In CDS Exon 3 of transcript AGAP007921-PA
JHU_Ag_100022	VTNGPDGAEGYWVINAK	AGAP007921-PA	-	38	0.002695 61	1	1790.873	0.97	Ovary	3R:-:2822843-2822793	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_101875	QLVESGNNDCVLALGFEK	AGAP007921-PA	C10(Carbamidomethyl)	104	7.34E-10	2	1992.972	1.18	Malpighian tubule	3R:-:2824058-2824005	exon=> In CDS Exon 2 of transcript AGAP007921-PA
JHU_Ag_104155	VKVQGNMGLAMK	AGAP007921-PA	M7(Oxidation), M11(Oxidation)	76	3.44E-07	1	1307.685	2.94	Larva	3R:-:2822663-2822628	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_106365	LALQHNIGLGGAVVVGLYR	AGAP007921-PA	-	74	4.68E-08	1	1950.137	4.17	Malpighian tubule	3R:-:2823074-2823018	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_112080	HSTNNPYSQFQDEYSLEQIQK	AGAP007921-PA	-	45	0.000447993	1	2556.170	2.6	Ovary	3R:-:2823803-2824301,2823498-2823669	exon=> In CDS Exon 3 and 2 of transcript AGAP007921-PA
JHU_Ag_112431	GHPLGATGLAQCSELCWQLR	AGAP007921-PA	C12(Carbamidomethyl), C16(Carbamidomethyl)	62	1.01E-05	1	2254.079	-2.87	Malpighian tubule	3R:-:2823170-2823111	exon=> In CDS Exon 4 of transcript AGAP007921-PA
JHU_Ag_112770	SPVVHEILTK	AGAP007921-PA	-	75	1.06E-07	1	1122.660	7.5	Salivary gland	3R:-:2823668-2823639	exon=> In CDS Exon 3 of transcript AGAP007921-PA
JHU_Ag_36920	AHSFANDPSEPTIPLGANK	AGAP007922-PA	N-Term(Acetyl)	41	0.001332293	1	2007.980	1.26	Malpighian tubule	3R:-:2838768-2838712	exon=> In CDS Exon 1 of transcript AGAP007922-PA

JHU_Ag_38722	MVQITYQEIALKILLK	AGAP007923-PA	M1(Oxidation), Q3(Deamidated), Q7(Deamidated)	33	0.001564872	1	1922.085	-3.62	Head	3R:-:2853291-2853244	exon=> In CDS Exon 1 of transcript AGAP007923-PA
JHU_Ag_51308	MVQITYQEIALKILLK	AGAP007923-PA	M1(Oxidation), Q3(Deamidated), Q7(Deamidated)	37	0.000700671	1	1922.088	-2.09	Larva	3R:-:2853291-2853244	exon=> In CDS Exon 1 of transcript AGAP007923-PA
JHU_Ag_104164	RTFILR	AGAP007923-PA	-	38	0.000711959	2	805.496	-10.38	Larva	3R:-:2853336-2853319	exon=> In CDS Exon 1 of transcript AGAP007923-PA
JHU_Ag_105111	MVQITYQEIALKILLK	AGAP007923-PA	M1(Oxidation), Q3(Deamidated), Q7(Deamidated)	43	0.000187706	1	1922.085	-3.43	Malpighian tubule	3R:-:2853291-2853244	exon=> In CDS Exon 1 of transcript AGAP007923-PA
JHU_Ag_111774	MVQITYQEIALKILLK	AGAP007923-PA	Q3(Deamidated), Q7(Deamidated),"M1(Oxidation), Q3(Deamidated), Q7(Deamidated)"	30	0.003745234	1	1922.085	-3.43	Midgut	3R:-:2853291-2853244	exon=> In CDS Exon 1 of transcript AGAP007923-PA
JHU_Ag_104672	VNVLDK	AGAP007924-PA	-	34	0.003243705	1	687.403	-1.39	Midgut	3R:-:2881891-2881874	exon=> In CDS Exon 2 of transcript AGAP007924-PA
JHU_Ag_2460	TGLSPNPAAGEDFAGK	AGAP007926-PA	-	58	2.71E-05	1	1531.737	-1.26	Head	3R:-:2918855-2918808	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_5093	ITFTDKGSYVESSTR	AGAP007926-PA	-	84	7.18E-08	1	1690.838	5.84	Malpighian tubule	3R:-:2918003-2917959	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_19337	RPAPDAGVNQQAAAGK	AGAP007926-PA	-	59	1.93E-05	2	1550.807	2.47	Malpighian tubule	3R:-:2919155-2919108	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_23034	ELEDALVDDK	AGAP007926-PA	-	55	4.43E-05	2	1146.551	-0.96	Midgut	3R:-:2918708-2918679	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_26038	DGDGIFTLNTQIK	AGAP007926-PA	-	69	1.96E-06	2	1421.733	4.43	Midgut	3R:-:2918951-2918913	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_30273	TGLSPNPAAGEDFAGK	AGAP007926-PA	-	97	3.55E-09	1	1531.739	0.25	Salivary gland	3R:-:2918855-2918808	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_34904	TGLSPNPAAGEDFAGK	AGAP007926-PA	-	68	2.88E-06	1	1531.746	4.47	Malpighian tubule	3R:-:2918855-2918808	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_49427	NDIQFWNNR	AGAP007926-PA	-	46	0.00030645	1	1206.566	1.03	Head	3R:-:2918237-2918211	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_63229	VLGFLPR	AGAP007926-PA	-	34	0.002033721	2	801.498	-0.72	Midgut	3R:-:2918024-2918004	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_64241	VLGFLPR	AGAP007926-PA	-	34	0.002156462	2	801.499	1.34	Pupa	3R:-:2918024-2918004	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_65904	RPAPDAGVNQQAAAGK	AGAP007926-PA	-	74	5.38E-07	1	1550.804	0.02	Head	3R:-:2919155-2919108	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_66407	TGLSPNPAAGEDFAGK	AGAP007926-PA	-	141	1.24E-13	1	1531.737	-1.34	Midgut	3R:-:2918855-2918808	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_66979	AESFFAITK	AGAP007926-PA	-	32	0.005380505	2	1013.532	1.98	Malpighian tubule	3R:-:2919233-2919207	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_69608	HYDNLAFK	AGAP007926-PA	-	40	0.001593558	1	1007.490	-4.76	Head	3R:-:2917958-2917935	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_69727	ELEDALVDDK	AGAP007926-PA	-	52	9.17E-05	2	1146.555	2.45	Larva	3R:-:2918708-2918679	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_73743	DGDGIFTLNTQIK	AGAP007926-PA	-	51	0.000121248	2	1421.736	5.89	Malpighian tubule	3R:-:2918951-2918913	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_76066	VLGFLPR	AGAP007926-PA	-	42	0.00031138	2	801.498	-0.03	Salivary gland	3R:-:2918024-2918004	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_77992	RPAPDAGVNQQAAAGK	AGAP007926-PA	-	82	8.20E-08	2	1550.812	5.3	Larva	3R:-:2919155-2919108	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_91724	TGLSPNPAAGEDFAGK	AGAP007926-PA	-	56	3.66E-05	2	1531.737	-1.19	Pupa	3R:-:2918855-2918808	exon=> In CDS Exon 2 of transcript AGAP007926-PA

JHU_Ag_96527	SVAHLPWR	AGAP007926-PA	-	50	8.69E-05	1	965.535	3.6	Malpighian tubule	3R:-:2917763-2917740	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_99002	TGLSPNPAAGEDFAGKNMGHAR	AGAP007926-PA	M18(Oxidation)	82	1.04E-07	1	2214.041	2.33	Malpighian tubule	3R:-:2918855-2918790	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_101157	VLGFLPR	AGAP007926-PA	-	36	0.001243284	2	801.502	4.92	Malpighian tubule	3R:-:2918024-2918004	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_102373	TGLSPNPAAGEDFAGK	AGAP007926-PA	-	110	1.81E-10	1	1531.745	4	Larva	3R:-:2918855-2918808	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_108191	TTPVLDLNLSYQPLSLFK	AGAP007926-PA	-	99	5.86E-10	1	2049.130	1.56	Midgut	3R:-:2918489-2918436	exon=> In CDS Exon 2 of transcript AGAP007926-PA
JHU_Ag_38707	CGHTNNLRPK	AGAP007927-PA	C1(Carbamidomethyl)	47	0.000207233	1	1196.597	1.46	Ovary	3R:+:2920859-2920888	exon=> In CDS Exon 2 of transcript AGAP007927-PA
JHU_Ag_2241	MQIFVK	AGAP007927-PA,AGAP001970-PA,AGAP001971-PA,AGAP001969-PA,AGAP002599-PA,AGAP013742-PA	-	38	0.001850439	1	765.434	1.99	Ovary	3R:+:2920433-2920450;2R:+:12993104-12993121;2R:+:12996050-12996067;2R:-:12991690-12991673;2R:-:23782656-23782639;3R:-:3991025-3991008	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_19312	MQIFVK	AGAP007927-PA,AGAP001970-PA,AGAP001971-PA,AGAP001969-PA,AGAP002599-PA,AGAP013742-PA	M1(Oxidation)	42	0.000503435	1	781.430	2.91	Malpighian tubule	3R:+:2920433-2920450;2R:+:12993104-12993121;2R:+:12996050-12996067;2R:-:12991690-12991673;2R:-:23782656-23782639;3R:-:3991025-3991008	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_49305	QLEDGR	AGAP007927-PA,AGAP001970-PA,AGAP001971-PA,AGAP001969-PA,AGAP002599-PA,AGAP013742-PA	-	37	0.001865619	2	717.352	-0.57	Midgut	3R:+:2920577-2920594;2R:+:12993476-12993493;2R:+:12996194-12996211;2R:-:12991546-12991529;2R:-:23782512-23782495;3R:-:3990881-3990864	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_56721	MQIFVK	AGAP007927-PA,AGAP001970-PA,AGAP001971-PA,AGAP001969-PA,AGAP002599-PA,AGAP013742-PA	M1(Oxidation)	41	0.000942788	1	765.431	-2.07	Midgut	3R:+:2920433-2920450;2R:+:12993104-12993121;2R:+:12996050-12996067;2R:-:12991690-12991673;2R:-:23782656-23782639;3R:-:3991025-3991008	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_64709	MQIFVK	AGAP007927-PA,AGAP001970-PA,AGAP001971-PA,AGAP001969-PA,AGAP002599-PA,AGAP013742-PA	M1(Oxidation)	42	0.000602177	1	781.431	4.32	Larva	3R:+:2920433-2920450;2R:+:12993104-12993121;2R:+:12996050-12996067;2R:-:12991690-12991673;2R:-:23782656-23782639;3R:-:3991025-3991008	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_78563	MQIFVK	AGAP007927-PA,AGAP001970-PA,AGAP001971-PA,AGAP001969-PA,AGAP002599-PA,AGAP013742-PA	M1(Oxidation)	41	0.000947014	1	765.432	-1.04	Head	3R:+:2920433-2920450;2R:+:12993104-12993121;2R:+:12996050-12996067;2R:-:12991690-12991673;2R:-:23782656-23782639;3R:-:3991025-3991008	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_108087	MQIFVK	AGAP007927-PA,AGAP001970-PA,AGAP001971-PA,AGAP001969-PA,AGAP002599-PA,AGAP013742-PA	-	38	0.001699319	1	765.433	0.38	Visceras	3R:+:2920433-2920450;2R:+:12993104-12993121;2R:+:12996050-12996067;2R:-:12991690-12991673;2R:-:23782656-23782639;3R:-:3991025-3991008	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001970-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP001969-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_1258	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	59	1.42E-05	1	1081.553	0.2	Ovary	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_1491	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	53	6.35E-05	1	1081.554	1.44	Malpighian tubule	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_2084	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	54	5.47E-05	1	1081.553	0.43	Salivary gland	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_3072	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	102	7.64E-10	1	1787.934	3.57	Head	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_6428	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	94	5.46E-09	1	1787.928	0.22	Ovary	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_10994	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	38	0.000755718	1	648.409	0.84	Larva	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_11480	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	58	1.91E-05	1	1081.555	2.69	Larva	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_14602	TLSDYNIQKESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	153	3.37E-15	1	2130.164	4.05	Malpighian tubule	3R:+:2920595-2920648;2R:+:12996212-12996265;2R:-:23782494-23782441;3R:-:3990863-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_15691	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	67	1.03E-06	1	1067.623	1.8	Malpighian tubule	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_18529	TITLEVEPSDTIENVKAK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	94	4.22E-09	2	1987.058	-0.85	Malpighian tubule	3R:+:2920466-2920519;2R:+:12996083-12996136;2R:-:23782623-23782570;3R:-:3990992-3990939	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_21178	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	36	0.001077358	1	648.408	-0.29	Ovary	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_26634	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	39	0.000614402	2	1067.621	-0.26	Pupa	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_31053	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	43	0.000249092	1	648.409	1.97	Malpighian tubule	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_33511	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	67	9.94E-07	1	1067.622	1.22	Head	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_37710	LIFAGKQLEDGR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	76	2.68E-07	2	1346.746	2.7	Malpighian tubule	3R:+:2920559-2920594;2R:+:12996176-12996211;2R:-:23782530-23782495;3R:-:3990899-3990864	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_38997	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	40	0.00127616	1	1081.554	1.33	Visceras	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_39090	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	90	1.39E-08	1	1523.781	-0.5	Ovary	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_39180	TLTGKTITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	137	1.30E-13	1	2288.233	4.32	Malpighian tubule	3R:+:2920451-2920513;2R:+:12996068-12996130;2R:-:23782638-23782576;3R:-:3991007-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_41462	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	100	1.43E-09	2	1787.927	0.02	Midgut	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_42978	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	109	1.83E-10	1	1523.782	0.47	Malpighian tubule	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_44989	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	88	2.37E-08	1	1523.786	2.95	Visceras	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_45929	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	67	9.92E-07	1	1067.621	-0.03	Midgut	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_45973	QLEDGRTLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	69	2.00E-06	1	1779.893	2.96	Malpighian tubule	3R:+:2920577-2920621;2R:+:12996194-12996238;2R:-:23782512-23782468;3R:-:3990881-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_51514	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	39	0.001291207	1	1081.551	-1.08	Midgut	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_54212	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	107	2.82E-10	1	1787.929	0.84	Salivary gland	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_67495	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	67	9.47E-07	1	1067.624	3.4	Larva	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_74013	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	44	0.000537145	1	1523.784	1.94	Pupa	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_74253	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	67	9.85E-07	1	1067.621	0.19	Visceras	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_74871	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	112	7.84E-11	1	1787.932	2.48	Visceras	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_78080	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	86	3.58E-08	1	1523.781	-0.18	Head	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_84511	TLSDYNIQKESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	85	1.88E-08	1	2130.158	1.13	Ovary	3R:+:2920595-2920648;2R:+:12996212-12996265;2R:-:23782494-23782441;3R:-:3990863-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_85359	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	67	1.01E-06	1	1067.621	0.54	Salivary gland	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_85842	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	41	0.000997482	1	1081.552	-0.25	Male reproductive organs	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_92475	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	32	0.002879785	1	648.409	1.5	Visceras	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_92807	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	33	0.002020 04	1	648.408	0.18	Salivary gland	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_94998	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	76	4.14E-07	1	1523.784	1.99	Salivary gland	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_96326	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	80	1.40E-07	2	1787.930	1.32	Pupa	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_97806	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	94	5.56E-09	1	1787.937	5.28	Larva	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_100970	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	75	4.30E-07	2	1787.929	0.77	Male reproductive organs	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_101509	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	38	0.000752246	1	648.406	-2.92	Head	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_102660	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	82	1.05E-07	1	1523.782	0.22	Male reproductive organs	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_103955	TLSDYNIQK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	41	0.000822235	1	1081.551	-1.38	Head	3R:+:2920595-2920621;2R:+:12996212-12996238;2R:-:23782494-23782468;3R:-:3990863-3990837	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_105497	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	33	0.002411904	1	648.408	-0.47	Midgut	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA

JHU_Ag_106012	TITLEVEPSDTIENVK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	112	8.37E-11	1	1787.933	3.09	Malpighian tubule	3R:+:2920466-2920513;2R:+:12996083-12996130;2R:-:23782623-23782576;3R:-:3990992-3990945	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_106410	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	67	9.32E-07	1	1067.621	0.42	Male reproductive organs	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_111285	IQDKEGIPPDQQR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	81	1.21E-07	1	1523.781	-0.34	Midgut	3R:+:2920520-2920558;2R:+:12996137-12996175;2R:-:23782569-23782531;3R:-:3990938-3990900	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_112058	ESTLHLVLR	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	66	1.06E-06	1	1067.621	0.31	Ovary	3R:+:2920622-2920648;2R:+:12996239-12996265;2R:-:23782467-23782441;3R:-:3990836-3990810	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_116054	LIFAGK	AGAP007927-PA,AGAP001971-PA,AGAP002599-PA,AGAP013742-PA	-	36	0.001203261	1	648.408	0.56	Male reproductive organs	3R:+:2920559-2920576;2R:+:12996176-12996193;2R:-:23782530-23782513;3R:-:3990899-3990882	exon=> In CDS Exon 1 of transcript AGAP007927-PA;exon=> In CDS Exon 1 of transcript AGAP001971-PA;exon=> In CDS Exon 1 of transcript AGAP002599-PA;exon=> In CDS Exon 1 of transcript AGAP013742-PA
JHU_Ag_25490	DANPVDPSSTVGIFNDGTELR	AGAP007928-PA	-	98	2.30E-09	2	2204.052	2.32	Head	3R:+:2930858-2930920	exon=> In CDS Exon 5 of transcript AGAP007928-PA
JHU_Ag_25788	KPPAFTVEPDPLYQR	AGAP007928-PA	-	45	0.000345929	1	1757.924	1.24	Head	3R:+:2932523-2932567	exon=> In CDS Exon 7 of transcript AGAP007928-PA
JHU_Ag_26048	RLLEPYQTK	AGAP007928-PA	-	36	0.002213553	1	1147.646	-1.28	Head	3R:+:2932361-2932387	exon=> In CDS Exon 7 of transcript AGAP007928-PA
JHU_Ag_35963	HEDIGDYTCIAR	AGAP007928-PA	C9(Carbamidomethyl)	87	1.38E-08	1	1449.638	-3.29	Head	3R:+:2930936-2930971	exon=> In CDS Exon 5 of transcript AGAP007928-PA
JHU_Ag_84520	VTFTPTIQYLPFR	AGAP007928-PA	-	80	7.17E-08	1	1582.866	2.16	Head	3R:+:2932250-2932288	exon=> In CDS Exon 7 of transcript AGAP007928-PA
JHU_Ag_58469	VPKHTIK	AGAP007932-PA	-	19	0.020517289	2	822.516	-4.37	Midgut	3R:-:3127892-3127872	exon=> In CDS Exon 1 of transcript AGAP007932-PA
JHU_Ag_56037	SIGSPNNEQQPVFTVTK	AGAP007934-PB	-	32	0.009043489	1	1845.942	4.13	Head	3R:-:3143766-3143925,3143484-3143649	exon=> In CDS Exon 5 and 4 of transcript AGAP007934-PB

JHU_Ag_93396	HIVIPETK	AGAP007934-PB	-	42	0.000179225	1	936.548	-3.73	Head	3R:-:3143832-3143809	exon=> In CDS Exon 4 of transcript AGAP007934-PB
JHU_Ag_99364	NLEIPTDDPQYLQDLVAAR	AGAP007937-PA	-	39	0.001390074	2	2171.109	4.93	Midgut	3R:-:3212984-3212928	exon=> In CDS Exon 1 of transcript AGAP007937-PA
JHU_Ag_107449	HNTVVLTEDAVR	AGAP007937-PA	-	54	4.99E-05	2	1353.708	-3.21	Head	3R:-:3212795-3212760	exon=> In CDS Exon 1 of transcript AGAP007937-PA
JHU_Ag_117462	GGGIAHGPR	AGAP007937-PA	-	39	0.001727279	2	821.441	4.11	Malpighian tubule	3R:-:3213116-3213090	exon=> In CDS Exon 1 of transcript AGAP007937-PA
JHU_Ag_4	LKLAQLLER	AGAP007939-PA	-	44	8.24E-05	1	1083.688	-0.06	Pupa	3R:-:3219287-3219261	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_259	DYYFALAHTVK	AGAP007939-PA	-	86	2.63E-08	1	1327.671	1.93	Visceras	3R:-:3221821-3221789	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_404	WLEMSINNIATSGK	AGAP007939-PA	-	85	5.92E-08	1	1563.785	0.62	Head	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_743	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	72	2.83E-07	1	2060.136	3.7	Visceras	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_1512	SPIDFNLK	AGAP007939-PA	-	55	5.80E-05	1	933.505	0.68	Visceras	3R:-:3220310-3220287	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_1535	LPNPGVAK	AGAP007939-PA	-	30	0.004292335	1	795.472	0.05	Pupa	3R:-:3218321-3218298	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_2248	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	125	3.29E-12	1	2134.134	0.63	Salivary gland	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_2689	LKQEYFMCAATLQDIVR	AGAP007939-PA	M7(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	90	1.48E-08	1	2102.045	1.85	Male reproductive organs	3R:-:3220037-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_2759	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	100	4.59E-10	1	1998.092	4.13	Larva	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_3539	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl)	116	3.68E-11	1	1874.918	6.23	Male reproductive organs	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_4061	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl), N10(Deamidated),C3(Carbamidomethyl)	151	9.98E-15	1	1896.986	0.6	Pupa	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_4300	WVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M10(Oxidation)	42	0.000743956	1	3183.535	4.55	Malpighian tubule	3R:-:3220409-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_4542	LAACFLDSMATLGMPAYGYGIR	AGAP007939-PA	C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation)	48	0.00025538	2	2410.133	3.53	Pupa	3R:-:3220723-3220897,3220283-3220572	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_5438	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	75	5.19E-07	1	1765.885	0.19	Salivary gland	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_5673	TQDRVSAVYQDQPK	AGAP007939-PA	-	50	0.000194177	2	1634.814	0.64	Ovary	3R:-:3218567-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_5832	QCVDQIQGGFFSPGNPHEFQDIANVLLK	AGAP007939-PA	C2(Carbamidomethyl)	113	6.74E-11	1	3158.543	2.14	Pupa	3R:-:3218696-3218613	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_5936	SFYEMTPEK	AGAP007939-PA	M5(Oxidation)	37	0.001102016	1	1147.503	4.86	Malpighian tubule	3R:-:3219506-3219480	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_6885	DPTANFTPR	AGAP007939-PA	-	66	3.73E-06	1	1018.494	-1.25	Salivary gland	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_6969	VIDTPEGK	AGAP007939-PA	-	40	0.001418574	1	858.458	1.01	Head	3R:-:3220436-3220413	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_7327	HLHYTLVKDR	AGAP007939-PA	-	57	1.23E-05	1	1281.708	1.4	Malpighian tubule	3R:-:3221869-3221840	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_7405	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl)	95	5.07E-09	1	1874.908	0.59	Salivary gland	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_7536	VNPASMFDIQVKR	AGAP007939-PA	M6(Oxidation)	101	1.10E-09	1	1504.802	5.09	Malpighian tubule	3R:-:3219245-3219207	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_7846	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	95	2.81E-09	1	1442.787	3.39	Visceras	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_8293	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	95	1.77E-09	1	1998.090	3.1	Pupa	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_9499	LKQEYFMCAATLQDIVR	AGAP007939-PA	M7(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	64	5.70E-06	3	2086.052	2.88	Pupa	3R:-:3220037-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_9749	LPNPGVAK	AGAP007939-PA	-	34	0.001982497	1	795.474	1.83	Visceras	3R:-:3218321-3218298	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_10084	DPTANFTPR	AGAP007939-PA	-	62	1.14E-05	2	1018.494	-1.13	Head	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_10548	WLEMSINNIATSGK	AGAP007939-PA	M4(Oxidation)	99	2.44E-09	1	1579.785	3.91	Visceras	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_10725	VNPASMFDIQVK	AGAP007939-PA	M6(Oxidation)	91	1.32E-08	1	1348.700	4.99	Malpighian tubule	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_10818	TSFDDFPNK	AGAP007939-PA	-	51	5.03E-05	1	1070.477	-1.56	Head	3R:-:3219944-3219918	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_10845	VSAVYQDQPK	AGAP007939-PA	-	51	0.000105129	2	1134.583	3.25	Male reproductive organs	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_11201	GIAQLEDVNEIKK	AGAP007939-PA	-	70	1.18E-06	1	1456.800	-0.72	Malpighian tubule	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_11964	DYYFALAHTVK	AGAP007939-PA	-	81	8.95E-08	1	1327.675	4.87	Larva	3R:-:3221821-3221789	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_12266	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	115	2.79E-11	1	2134.134	0.54	Ovary	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_12306	HLHYTLVKDR	AGAP007939-PA	-	63	2.92E-06	1	1281.707	0.89	Pupa	3R:-:3221869-3221840	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_12536	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	68	6.46E-07	1	2138.171	3.17	Visceras	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_12601	FFNDGDYIQAVLDR	AGAP007939-PA	-	117	2.49E-11	2	1672.798	0.68	Midgut	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_12665	VTLAEK	AGAP007939-PA	-	35	0.003374 98	1	660.393	0.46	Visceras	3R:-:3218966-3218949	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_13510	IRNGEQVEEPDDWLR	AGAP007939-PA	-	59	2.25E-05	1	1855.895	0.82	Ovary	3R:-:3220544-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_13563	IHEYKR	AGAP007939-PA	-	41	0.001705561	2	845.466	4.31	Malpighian tubule	3R:-:3219206-3219189	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_13988	NLAENISR	AGAP007939-PA	-	41	0.001648907	1	916.485	-0.18	Visceras	3R:-:3220106-3220083	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_14255	GIAQLEDVNEIKK	AGAP007939-PA	-	71	9.11E-07	1	1456.801	0.03	Midgut	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_14311	QIWGIEPSWEK	AGAP007939-PA	-	58	2.35E-05	1	1372.692	1.85	Pupa	3R:-:3218354-3218322	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_14908	RFPGDFGR	AGAP007939-PA	-	38	0.002076 36	2	951.481	1.24	Visceras	3R:-:3219665-3219642	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_14994	VIFLENYR	AGAP007939-PA	-	43	0.000337546	2	1053.577	3.6	Larva	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_15225	NLAENISR	AGAP007939-PA	-	48	0.000253238	1	916.488	3.35	Male reproductive organs	3R:-:3220106-3220083	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_15257	FPGDFGR	AGAP007939-PA	-	31	0.009395175	1	795.378	-0.76	Head	3R:-:3219662-3219642	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_15618	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl)	124	4.61E-12	1	1896.989	2.21	Male reproductive organs	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_16094	RDPTANFTPR	AGAP007939-PA	-	43	0.000934257	1	1174.593	-2.59	Head	3R:-:3219140-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_16165	LAACFLDSMATLGMPAYGYGIR	AGAP007939-PA	C4(Carbamidomethyl), M14(Oxidation),"C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation)"	100	1.57E-09	2	2394.138	3.67	Visceras	3R:-:3220723-3220897,3220283-3220572	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_16257	DHLVSR	AGAP007939-PA	-	31	0.00446985	1	726.391	1.68	Visceras	3R:-:3221788-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_16673	DYYFALAHTVKDHLVSR	AGAP007939-PA	-	125	4.07E-12	1	2035.039	-0.18	Male reproductive organs	3R:-:3221821-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_16809	TSFDDFPNK	AGAP007939-PA	-	61	5.67E-06	1	1070.482	2.59	Visceras	3R:-:3219944-3219918	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_17676	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	106	9.37E-11	1	2138.172	3.86	Malpighian tubule	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_17746	VIFLENYR	AGAP007939-PA	-	54	3.76E-05	1	1053.573	0.24	Ovary	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_19015	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	121	5.07E-12	1	1998.087	1.38	Ovary	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_20063	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), N6(Deamidated)"	121	1.35E-11	1	1874.910	2.06	Visceras	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_20351	ILIDDEKLSWEK	AGAP007939-PA	-	54	5.62E-05	1	1488.796	1.29	Pupa	3R:-:3219860-3219825	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_20467	LKQEYFMCAATLQDIVR	AGAP007939-PA	M7(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	149	1.73E-14	1	2086.048	0.75	Visceras	3R:-:3220037-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_20918	FFNDGDYIQAVLDR	AGAP007939-PA	-	111	1.13E-10	1	1672.801	2.66	Malpighian tubule	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_21197	LAQLLERDYGVK	AGAP007939-PA	-	71	5.82E-07	1	1404.784	-0.44	Pupa	3R:-:3219281-3219246	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_21259	FPGDFGR	AGAP007939-PA	-	41	0.000825055	2	795.380	1.31	Visceras	3R:-:3219662-3219642	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_21464	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	89	8.42E-09	1	1998.085	0.46	Salivary gland	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_21609	AWDIVVR	AGAP007939-PA	-	47	0.000336928	2	858.483	-0.21	Head	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_21628	DRNVATVR	AGAP007939-PA	-	47	0.000408244	1	930.513	0.96	Malpighian tubule	3R:-:3221845-3221822	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_21732	HLHYTLVK	AGAP007939-PA	-	31	0.002554828	1	1010.578	0.16	Salivary gland	3R:-:3221869-3221846	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_21750	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	105	3.18E-10	1	2134.134	0.54	Midgut	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_22558	RDPTANFTPR	AGAP007939-PA	-	37	0.004134869	2	1174.596	-0.45	Pupa	3R:-:3219140-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_22688	ALSLVEEDGEKR	AGAP007939-PA	-	52	0.000104117	2	1345.704	6.16	Larva	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_22753	IRNGEQVEEPDDWLR	AGAP007939-PA	Q6(Deamidated),N3(Deamidated)	82	8.15E-08	1	1856.877	0.03	Pupa	3R:-:3220544-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_23009	KWVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M11(Oxidation)	63	6.27E-06	1	3311.611	-1.45	Male reproductive organs	3R:-:3220412-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_23334	VNPASMFDIQVKR	AGAP007939-PA	M6(Oxidation)	73	6.54E-07	2	1504.797	2.09	Ovary	3R:-:3219245-3219207	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_23445	QLLNCLHIITLYNR	AGAP007939-PA	C5(Carbamidomethyl)	61	5.56E-06	1	1770.973	2.37	Salivary gland	3R:-:3219188-3219147	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_23611	TQDRVSAVYQDQPK	AGAP007939-PA	-	37	0.003193739	1	1634.820	3.85	Male reproductive organs	3R:-:3218567-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_23722	INMANLSIVGSHAVNGVAAIHSEIIK	AGAP007939-PA	M3(Oxidation)	139	6.12E-14	1	2658.442	0.78	Visceras	3R:-:3219599-3219522	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_24234	QIWGIEPSWEK	AGAP007939-PA	-	50	0.000140067	1	1372.691	0.79	Salivary gland	3R:-:3218354-3218322	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_24373	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	101	7.62E-10	1	1932.035	0.57	Salivary gland	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_24946	QEYFMCAATLQDIVR	AGAP007939-PA	C6(Carbamidomethyl)	75	4.68E-07	2	1844.872	2.68	Head	3R:-:3220031-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_25362	FFNDGDYIQAVLDR	AGAP007939-PA	-	125	3.86E-12	1	1672.801	2.51	Male reproductive organs	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_25461	DRNVATVR	AGAP007939-PA	-	34	0.006326535	1	930.507	-4.81	Head	3R:-:3221845-3221822	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_25526	QIWGIEPSWEK	AGAP007939-PA	-	50	0.000144216	1	1372.696	4.43	Malpighian tubule	3R:-:3218354-3218322	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_25644	IRNGEQVEEPDDWLR	AGAP007939-PA	N3(Deamidated)	56	3.85E-05	1	1856.876	-0.76	Salivary gland	3R:-:3220544-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_25916	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	117	1.76E-11	1	1932.037	1.84	Visceras	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_26236	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	43	0.000854108	1	1765.890	3.16	Larva	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_26434	VNPASMFDIQVK	AGAP007939-PA	-	53	9.27E-05	1	1348.694	0.56	Ovary	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_26660	TNGITPR	AGAP007939-PA	-	40	0.001062248	2	758.414	-1.43	Head	3R:-:3219467-3219447	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_26805	DYYFALAHTVKDHLVSR	AGAP007939-PA	-	47	0.000272981	1	2035.043	1.44	Midgut	3R:-:3221821-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_27128	YEYGIFAQK	AGAP007939-PA	-	42	0.001275008	2	1118.552	0.3	Ovary	3R:-:3220571-3220545	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_27483	VLYPNDNFFEGK	AGAP007939-PA	-	37	0.002460024	2	1442.695	-0.42	Midgut	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_27522	SKPQSDVDK	AGAP007939-PA	N-Term(Acetyl)	52	7.54E-05	1	1045.517	0.66	Visceras	3R:-:3221968-3221942	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_27525	ALSLVEEDGEKR	AGAP007939-PA	-	83	7.73E-08	1	1345.695	-0.74	Head	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_27873	AWDIVVR	AGAP007939-PA	-	45	0.000461888	2	858.483	-0.35	Salivary gland	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_28319	VLYPNDNFFEGK	AGAP007939-PA	-	89	1.84E-08	1	1442.696	0.76	Male reproductive organs	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_28620	ALSLVEEDGEK	AGAP007939-PA	-	61	1.47E-05	1	1189.598	2.59	Malpighian tubule	3R:-:3219635-3219603	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_28711	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	74	7.48E-07	1	1765.882	-1.15	Ovary	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_29825	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	99	6.09E-10	1	2060.130	0.42	Head	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_30036	QIWGIEPSWEK	AGAP007939-PA	-	43	0.000731649	1	1372.689	-0.46	Male reproductive organs	3R:-:3218354-3218322	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_30090	YEYGIFAQK	AGAP007939-PA	-	69	2.29E-06	1	1118.552	0.41	Salivary gland	3R:-:3220571-3220545	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_30426	QLLNCLHIITLYNR	AGAP007939-PA	C5(Carbamidomethyl)	104	3.22E-10	2	1770.973	2.85	Pupa	3R:-:3219188-3219147	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_30434	ILIDDEKLSWEK	AGAP007939-PA	-	104	5.33E-10	1	1488.796	1.05	Salivary gland	3R:-:3219860-3219825	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_30443	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	92	3.73E-09	2	1426.789	0.89	Salivary gland	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_30458	GIAQLEDVNEIK	AGAP007939-PA	-	77	2.41E-07	1	1328.711	4.17	Malpighian tubule	3R:-:3221920-3221885	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_30494	VNPASMFDIQVK	AGAP007939-PA	-	103	7.69E-10	1	1348.698	3.82	Visceras	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_30617	QCVDQIQGGFFSPGNPHEFQDIANVLLK	AGAP007939-PA	C2(Carbamidomethyl)	175	3.75E-17	1	3158.540	1.1	Head	3R:-:3218696-3218613	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_31330	IMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	M2(Oxidation), M24(Oxidation)	98	1.68E-09	2	2512.159	1.77	Salivary gland	3R:-:3218948-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_31654	TSFDDFPNKVAIQLNDTHPSLAIPELMR	AGAP007939-PA	M27(Oxidation)	107	1.77E-10	1	3185.596	0.74	Ovary	3R:-:3219944-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_31705	SPIDFNLK	AGAP007939-PA	-	42	0.001018537	1	933.505	0.55	Malpighian tubule	3R:-:3220310-3220287	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_32024	AWDIVVR	AGAP007939-PA	-	48	0.000259141	2	858.483	-0.42	Male reproductive organs	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_32249	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl)	57	2.44E-05	1	1896.989	1.95	Larva	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_32317	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	125	2.90E-12	1	1932.038	1.89	Head	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_32383	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	82	5.93E-08	2	1442.787	2.8	Pupa	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_32411	SFYEMTPEKFQNK	AGAP007939-PA	M5(Oxidation)	77	2.75E-07	1	1648.775	4.59	Malpighian tubule	3R:-:3219506-3219468	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_32631	FFNDGDYIQAVLDR	AGAP007939-PA	-	125	4.08E-12	1	1672.800	2	Salivary gland	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_32664	GIAQLEDVNEIKK	AGAP007939-PA	-	59	1.22E-05	2	1456.801	0.53	Salivary gland	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_33026	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), N6(Deamidated)"	98	2.57E-09	1	1874.915	4.53	Malpighian tubule	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_33053	WLEMSINNIATSGK	AGAP007939-PA	M4(Oxidation)	88	2.74E-08	1	1563.783	-0.56	Ovary	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_33192	GIAQLEDVNEIKK	AGAP007939-PA	-	87	2.23E-08	1	1456.801	0.45	Pupa	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_33308	VIFLENYR	AGAP007939-PA	-	54	2.94E-05	2	1053.576	2.91	Head	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_33369	VYYLSLEYYMGR	AGAP007939-PA	M10(Oxidation)	79	1.77E-07	1	1556.752	4.55	Visceras	3R:-:3220894-3220859	exon=> In CDS Exon 2 of transcript AGAP007939-PA
JHU_Ag_33717	DYYFALAHTVK	AGAP007939-PA	-	87	1.99E-08	1	1327.669	0.46	Head	3R:-:3221821-3221789	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_34083	YGNPWEK	AGAP007939-PA	-	40	0.001480945	2	893.416	0.81	Visceras	3R:-:3220499-3220479	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_34128	GYNAYDYYNSNPDIK	AGAP007939-PA	-	59	1.07E-05	2	1796.784	4.38	Larva	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_34499	SFYEMTPEK	AGAP007939-PA	-	33	0.003234834	2	1131.505	2.38	Visceras	3R:-:3219506-3219480	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_34545	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	80	1.69E-07	1	1765.883	-0.64	Male reproductive organs	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_34599	YYLFADFDSYIK	AGAP007939-PA	-	46	0.00030933	1	1544.736	3.21	Malpighian tubule	3R:-:3218603-3218568	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_34704	WLEMSINNIATSGK	AGAP007939-PA	M4(Oxidation)	61	1.43E-05	2	1579.775	-2.51	Midgut	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_34979	VNPASMFDIQVKR	AGAP007939-PA	M6(Oxidation)	61	1.23E-05	1	1520.787	-1.25	Male reproductive organs	3R:-:3219245-3219207	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_35459	AWDIVVR	AGAP007939-PA	-	50	0.000149464	1	858.485	1.71	Visceras	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_35481	DYYFALAHTVKDHLVSR	AGAP007939-PA	-	93	6.63E-09	1	2035.041	0.72	Salivary gland	3R:-:3221821-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_35917	GYNAYDYYNSNPDIK	AGAP007939-PA	-	104	3.22E-10	1	1796.779	1.52	Ovary	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_36452	TNGITPR	AGAP007939-PA	N2(Deamidated)	62	1.34E-05	2	759.402	2.9	Salivary gland	3R:-:3219467-3219447	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_36576	ALSLVEEDGEK	AGAP007939-PA	-	72	1.23E-06	2	1189.595	0.34	Salivary gland	3R:-:3219635-3219603	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_37189	KWVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M11(Oxidation)	70	1.17E-06	1	3295.634	4.07	Malpighian tubule	3R:-:3220412-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_38622	GYNAYDYYNSNPDIK	AGAP007939-PA	-	122	4.30E-12	1	1796.778	0.84	Head	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_38649	HLEIIYHINFLHLQEVEK	AGAP007939-PA	-	109	8.27E-11	1	2275.224	0.15	Salivary gland	3R:-:3219719-3219666	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_38751	FFNDGDYIQAVLDR	AGAP007939-PA	-	122	8.60E-12	1	1672.799	1.41	Ovary	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_38817	VLYPNDNFFEGK	AGAP007939-PA	-	85	3.97E-08	1	1442.702	4.57	Malpighian tubule	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_38858	LAACFLDSMATLGMPAYGYGIRYEYGIFAQK	AGAP007939-PA	C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation)	109	1.54E-10	1	3509.671	3.74	Malpighian tubule	3R:-:3220723-3220897,3220283-3220545	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_39656	LAQLLERDYGVK	AGAP007939-PA	-	83	3.76E-08	1	1404.785	0.17	Ovary	3R:-:3219281-3219246	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_40193	VLYPNDNFFEGK	AGAP007939-PA	-	89	1.78E-08	1	1442.698	1.86	Pupa	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_40289	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	41	0.000372023	1	2060.128	-0.3	Midgut	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_40418	NGEQVEEPDDWLR	AGAP007939-PA	N1(Deamidated)	96	2.48E-09	1	1587.696	2.66	Visceras	3R:-:3220538-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_40730	IRNGEQVEEPDDWLR	AGAP007939-PA	Q6(Deamidated),N3(Deamidated)	88	2.61E-08	1	1856.883	2.86	Malpighian tubule	3R:-:3220544-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_41008	ALSLVEEDGEK	AGAP007939-PA	-	59	2.42E-05	2	1189.595	0.13	Visceras	3R:-:3219635-3219603	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_41422	GYNAYDYYNSNPDIK	AGAP007939-PA	-	107	1.24E-10	2	1796.768	-4.46	Midgut	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_41987	SKPQSDVDK	AGAP007939-PA	N-Term(Acetyl)	54	5.27E-05	1	1045.517	1.25	Malpighian tubule	3R:-:3221968-3221942	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_42586	LAQLLERDYGVK	AGAP007939-PA	-	72	4.83E-07	1	1404.786	0.86	Male reproductive organs	3R:-:3219281-3219246	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_43100	VSAVYQDQPKWLEMSINNIATSGK	AGAP007939-PA	M14(Oxidation)	113	5.59E-11	1	2679.361	6.14	Malpighian tubule	3R:-:3218555-3220144,3218295-3218391	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_43303	VIFLENYR	AGAP007939-PA	-	45	0.000204801	2	1053.576	3.02	Malpighian tubule	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_43618	RFPGDFGR	AGAP007939-PA	-	33	0.006749983	1	951.480	0.79	Malpighian tubule	3R:-:3219665-3219642	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_44724	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl)	89	1.65E-08	1	1896.987	0.92	Ovary	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_44931	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl)	135	3.57E-13	1	1896.987	1.11	Head	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_44975	AWDIVVR	AGAP007939-PA	-	41	0.001105128	1	858.488	4.99	Malpighian tubule	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_45675	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	71	1.10E-06	1	1749.893	1.82	Head	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_45786	GIAQLEDVNEIK	AGAP007939-PA	-	45	0.000467276	2	1328.702	-2.91	Midgut	3R:-:3221920-3221885	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_45976	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	108	1.23E-10	1	1932.038	2.08	Malpighian tubule	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_46370	LAACFLDSMATLGMPAYGYGIR	AGAP007939-PA	C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation)	80	1.73E-07	1	2410.143	7.88	Larva	3R:-:3220723-3220897,3220283-3220572	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_46709	QCVDQIQGGFFSPGNPHEFQDIANVLLK	AGAP007939-PA	C2(Carbamidomethyl)	159	1.59E-15	1	3158.547	3.42	Visceras	3R:-:3218696-3218613	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_46710	VSAVYQDQPK	AGAP007939-PA	-	70	1.65E-06	2	1134.578	-1.05	Head	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_46797	RFPGDFGR	AGAP007939-PA	-	40	0.001297492	2	951.479	-0.88	Pupa	3R:-:3219665-3219642	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_46826	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl)	37	0.003325827	1	1874.912	3.03	Larva	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_46937	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	58	1.42E-05	1	1932.044	5.21	Midgut	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_47244	QCVDQIQGGFFSPGNPHEFQDIANVLLK	AGAP007939-PA	C2(Carbamidomethyl)	132	7.81E-13	1	3158.552	4.93	Salivary gland	3R:-:3218696-3218613	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_48295	QLLNCLHIITLYNR	AGAP007939-PA	C5(Carbamidomethyl)	67	1.39E-06	2	1770.971	1.75	Head	3R:-:3219188-3219147	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_48528	SPIDFNLK	AGAP007939-PA	-	48	0.000237125	2	933.504	0.29	Pupa	3R:-:3220310-3220287	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_48537	QIWGIEPSWEK	AGAP007939-PA	-	45	0.000473889	2	1372.690	0.34	Midgut	3R:-:3218354-3218322	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_48837	WVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M10(Oxidation)	37	0.002397278	1	3183.519	-0.4	Ovary	3R:-:3220409-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_48848	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	81	4.13E-08	1	2138.166	0.94	Salivary gland	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_49237	WAKDPTFQR	AGAP007939-PA	-	51	0.000117448	1	1148.587	2.24	Malpighian tubule	3R:-:3219344-3219318	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_49418	GIAQLEDVNEIKK	AGAP007939-PA	-	68	1.49E-06	1	1456.807	4.3	Larva	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_50009	SFYEMTPEK	AGAP007939-PA	M5(Oxidation)	28	0.007755418	1	1147.495	-2.31	Head	3R:-:3219506-3219480	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_50769	DYYFALAHTVK	AGAP007939-PA	-	88	1.92E-08	1	1327.670	1.47	Pupa	3R:-:3221821-3221789	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_51533	ILIDDEKLSWEK	AGAP007939-PA	-	73	6.75E-07	1	1488.792	-1.58	Midgut	3R:-:3219860-3219825	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_51795	VLYPNDNFFEGK	AGAP007939-PA	-	89	1.83E-08	1	1442.697	1.02	Head	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_51799	KWVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M11(Oxidation)	87	2.14E-08	1	3311.619	0.98	Pupa	3R:-:3220412-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_52253	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	120	9.88E-12	1	2134.129	-1.77	Male reproductive organs	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_52650	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	81	4.42E-08	1	2060.127	-0.84	Ovary	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_52660	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	115	2.49E-11	1	1932.041	3.5	Larva	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_52736	LKQEYFMCAATLQDIVR	AGAP007939-PA	M7(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	112	9.00E-11	1	2102.058	8.04	Malpighian tubule	3R:-:3220037-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_52872	DPTANFTPR	AGAP007939-PA	-	67	3.03E-06	1	1018.498	2.58	Visceras	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_52882	VSAVYQDQPK	AGAP007939-PA	-	65	4.46E-06	2	1134.581	1.53	Larva	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_53044	VSAVYQDQPK	AGAP007939-PA	-	73	7.54E-07	1	1134.581	2.07	Malpighian tubule	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_53150	DYYFALAHTVKDHLVSR	AGAP007939-PA	-	114	5.13E-11	1	2035.045	2.7	Head	3R:-:3221821-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_53828	WLLLCNPGLSDLIAEK	AGAP007939-PA	C5(Carbamidomethyl)	55	3.08E-05	2	1841.986	1.39	Male reproductive organs	3R:-:3219443-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_54154	VIFLENYR	AGAP007939-PA	-	52	5.41E-05	1	1053.573	-0.11	Salivary gland	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_54594	LKQEYFMCAATLQDIVR	AGAP007939-PA	M7(Oxidation), C8(Carbamidomethyl)	104	6.95E-10	2	2102.047	2.82	Salivary gland	3R:-:3220037-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_55595	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	116	1.15E-11	1	2138.164	-0.14	Male reproductive organs	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_55739	ILIDDEK	AGAP007939-PA	-	53	0.000115441	1	845.463	1.69	Pupa	3R:-:3219860-3219840	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_55925	TQDRVSAVYQDQPK	AGAP007939-PA	-	102	1.01E-09	1	1634.819	3.55	Malpighian tubule	3R:-:3218567-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_56391	SKPQSDVDK	AGAP007939-PA	N-Term(Acetyl)	40	0.001100995	1	1045.515	-0.74	Salivary gland	3R:-:3221968-3221942	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_57070	ALSLVEEDGEKR	AGAP007939-PA	-	89	1.79E-08	1	1345.700	2.89	Malpighian tubule	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_57146	QIWGIEPSWEK	AGAP007939-PA	-	51	9.98E-05	1	1372.693	2.74	Visceras	3R:-:3218354-3218322	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_57309	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl)	32	0.0083821	1	1874.906	-0.39	Midgut	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_57474	WLLLCNPGLSDLIAEK	AGAP007939-PA	C5(Carbamidomethyl)	59	9.68E-06	2	1841.990	3.51	Ovary	3R:-:3219443-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_57486	QIWGIEPSWEKLPNPGVAK	AGAP007939-PA	-	92	4.85E-09	1	2149.150	2.58	Ovary	3R:-:3218354-3218298	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_57841	YYLFADFDSYIK	AGAP007939-PA	-	60	1.25E-05	1	1544.738	4.87	Visceras	3R:-:3218603-3218568	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_58054	WVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M10(Oxidation)	57	2.54E-05	1	3167.535	2.81	Visceras	3R:-:3220409-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_58458	IMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	M2(Oxidation),"M2(Oxidation), M24(Oxidation)",M24(Oxidation)	116	3.95E-11	2	2496.176	6.59	Malpighian tubule	3R:-:3218948-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_59211	YEYGIFAQK	AGAP007939-PA	-	46	0.000497179	2	1118.557	4.67	Malpighian tubule	3R:-:3220571-3220545	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_59352	ILIDDEKLSWEK	AGAP007939-PA	-	74	4.73E-07	1	1488.802	4.82	Malpighian tubule	3R:-:3219860-3219825	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_59613	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	133	2.48E-13	1	2138.162	-0.82	Ovary	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_59673	FSSDRTIAEYAR	AGAP007939-PA	-	72	1.03E-06	1	1415.698	4.33	Malpighian tubule	3R:-:3218390-3218355	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_59677	DPTANFTPR	AGAP007939-PA	-	40	0.001583203	1	1018.496	0.96	Larva	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_59900	NLAENISR	AGAP007939-PA	-	51	0.000164133	1	916.485	-0.12	Pupa	3R:-:3220106-3220083	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_60233	ALSLVEEDGEKR	AGAP007939-PA	-	89	2.15E-08	1	1345.697	0.72	Pupa	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_60495	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl)	119	1.36E-11	2	1896.991	3.36	Malpighian tubule	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_60672	NGEQVEEPDDWLR	AGAP007939-PA	N1(Deamidated)	93	5.10E-09	1	1586.710	1.2	Pupa	3R:-:3220538-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_60715	SPIDFNLK	AGAP007939-PA	-	46	0.000352706	2	933.504	0.03	Salivary gland	3R:-:3220310-3220287	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_60949	QIWGIEPSWEK	AGAP007939-PA	-	58	2.31E-05	1	1372.692	2.03	Head	3R:-:3218354-3218322	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_61247	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	112	4.16E-11	1	2118.149	5.35	Malpighian tubule	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_61359	DPTANFTPR	AGAP007939-PA	-	73	7.28E-07	2	1018.494	-0.83	Midgut	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_61720	QIWGIEPSWEKLPNPGVAK	AGAP007939-PA	-	99	9.59E-10	1	2149.156	5.53	Malpighian tubule	3R:-:3218354-3218298	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_61772	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	138	7.39E-14	1	2138.165	0.66	Pupa	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_62258	VIDTPEGK	AGAP007939-PA	-	34	0.005115074	1	858.458	1.23	Visceras	3R:-:3220436-3220413	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_62563	DYYFALAHTVKDHLVSR	AGAP007939-PA	-	133	7.22E-13	1	2035.040	0.36	Ovary	3R:-:3221821-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_62630	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	82	3.21E-08	1	1998.094	4.68	Head	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_62648	IMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	M2(Oxidation), M24(Oxidation),M24(Oxidation)	99	1.86E-09	2	2480.163	-0.44	Head	3R:-:3218948-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_62840	VIDTPEGKK	AGAP007939-PA	-	37	0.002776395	1	986.553	1.24	Malpighian tubule	3R:-:3220436-3220410	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_62960	LAACFLDSMATLGMPAYGYGIR	AGAP007939-PA	C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation)	49	0.000198547	2	2410.121	-1.13	Ovary	3R:-:3220723-3220897,3220283-3220572	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_63072	DYYFALAHTVKDHLVSR	AGAP007939-PA	-	133	7.27E-13	1	2035.045	2.43	Pupa	3R:-:3221821-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_63109	WAKDPTFQR	AGAP007939-PA	-	45	0.0005441	1	1148.584	-0.47	Pupa	3R:-:3219344-3219318	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_63457	QLLNCLHIITLYNR	AGAP007939-PA	C5(Carbamidomethyl)	74	2.68E-07	1	1770.970	0.64	Malpighian tubule	3R:-:3219188-3219147	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_63830	NLAENISR	AGAP007939-PA	-	43	0.001119145	2	916.486	1.88	Malpighian tubule	3R:-:3220106-3220083	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_64301	WLLLCNPGLSDLIAEK	AGAP007939-PA	C5(Carbamidomethyl)	48	0.000116494	2	1841.993	5.3	Head	3R:-:3219443-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_64444	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl)	98	2.23E-09	1	1874.908	0.89	Pupa	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_64645	TSFDDFPNK	AGAP007939-PA	-	34	0.002656672	1	1070.479	-0.26	Midgut	3R:-:3219944-3219918	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_64725	VIFLENYR	AGAP007939-PA	N6(Deamidated)	67	1.53E-06	1	1053.573	0.59	Pupa	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_64920	IGDQWPVHLEQLQQLK	AGAP007939-PA	Q4(Deamidated)	128	1.29E-12	1	1932.035	0.57	Pupa	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_64943	TIMIGGK	AGAP007939-PA	-	37	0.002399769	2	719.414	2.58	Malpighian tubule	3R:-:3219110-3219090	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_65423	YEYGIFAQK	AGAP007939-PA	-	48	0.000310823	1	1118.557	4.67	Larva	3R:-:3220571-3220545	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_65749	DYYFALAHTVK	AGAP007939-PA	-	64	4.88E-06	1	1327.669	0.73	Male reproductive organs	3R:-:3221821-3221789	exon=> In CDS Exon 1 of transcript AGAP007939-PA

JHU_Ag_65889	QLLNCLHIITLYNR	AGAP007939-PA	C5(Carbamidomethyl)	103	3.53E-10	1	1770.972	2.09	Visceras	3R:-:3219188-3219147	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_66499	NGEQVEEPDDWLR	AGAP007939-PA	N1(Deamidated)	88	1.59E-08	1	1586.710	0.97	Salivary gland	3R:-:3220538-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_66517	FFNDGDYIQAVLDRNLAENISR	AGAP007939-PA	-	105	4.31E-10	1	2570.268	1.72	Ovary	3R:-:3220286-3220579,3218538-3220083	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_66563	WLEMSINNIATSGK	AGAP007939-PA	M4(Oxidation)	74	6.30E-07	2	1579.784	3.75	Malpighian tubule	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_66661	GIAQLEDVNEIKK	AGAP007939-PA	-	72	7.63E-07	1	1456.800	-0.14	Male reproductive organs	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_66882	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	69	6.06E-07	1	2060.133	1.92	Salivary gland	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_67377	KWVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M11(Oxidation)	78	1.69E-07	1	3295.650	8.96	Visceras	3R:-:3220412-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_68172	VSAVYQDQPK	AGAP007939-PA	-	67	3.33E-06	2	1134.581	1.53	Salivary gland	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_68377	VLYPNDNFFEGKELR	AGAP007939-PA	-	103	7.81E-10	1	1840.926	1.86	Male reproductive organs	3R:-:3220082-3220038	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_68728	LAQLLERDYGVK	AGAP007939-PA	-	76	2.05E-07	1	1404.790	3.56	Malpighian tubule	3R:-:3219281-3219246	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_69146	IMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	M2(Oxidation), M24(Oxidation)	68	1.61E-06	2	2512.156	0.5	Midgut	3R:-:3218948-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_69533	DPTANFTPR	AGAP007939-PA	-	55	5.19E-05	2	1018.494	-1.13	Male reproductive organs	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_69561	TQQYYYEK	AGAP007939-PA	-	51	7.59E-05	1	1122.509	-0.68	Head	3R:-:3221761-3221738	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_69778	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl)	115	3.67E-11	1	1896.985	0.15	Salivary gland	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_70519	FFNDGDYIQAVLDRNLAENISR	AGAP007939-PA	-	118	2.36E-11	1	2570.277	5.42	Malpighian tubule	3R:-:3220286-3220579,3218538-3220083	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_71011	AWDIVVR	AGAP007939-PA	-	49	0.000195225	2	858.483	-0.21	Pupa	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_71577	YYLFADFDSYIK	AGAP007939-PA	-	54	5.04E-05	2	1544.732	1.08	Midgut	3R:-:3218603-3218568	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_71851	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	99	4.92E-10	1	2060.139	4.95	Malpighian tubule	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_72175	GYNAYDYYNSNPDIK	AGAP007939-PA	-	128	1.27E-12	1	1796.779	1.73	Salivary gland	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_72474	VNPASMFDIQVK	AGAP007939-PA	-	61	1.51E-05	2	1348.692	-0.44	Midgut	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_72760	GIAQLEDVNEIK	AGAP007939-PA	-	61	9.65E-06	1	1328.706	0.03	Male reproductive organs	3R:-:3221920-3221885	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_73341	VIFLENYR	AGAP007939-PA	-	54	3.79E-05	1	1053.573	0.01	Male reproductive organs	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_73372	DPTFQR	AGAP007939-PA	-	39	0.002220897	2	763.372	-1.23	Head	3R:-:3219335-3219318	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_73389	DYYFALAHTVK	AGAP007939-PA	-	73	5.49E-07	1	1327.671	2.2	Malpighian tubule	3R:-:3221821-3221789	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_74268	GIAQLEDVNEIKK	AGAP007939-PA	-	73	4.65E-07	1	1456.802	0.79	Head	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_74294	TSFDDFPNK	AGAP007939-PA	-	61	6.26E-06	1	1070.481	2.36	Malpighian tubule	3R:-:3219944-3219918	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_74524	FFNDGDYIQAVLDR	AGAP007939-PA	N3(Deamidated)	134	5.22E-13	1	1672.801	2.44	Head	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_74833	NGEQVEEPDDWLRYGNPWEK	AGAP007939-PA	Q4(Deamidated),N1(Deamidated)	73	5.71E-07	1	2461.117	4.75	Malpighian tubule	3R:-:3220538-3220479	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_75511	ALSLVEEDGEKR	AGAP007939-PA	-	89	1.91E-08	1	1345.696	0.26	Ovary	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_75757	ILIDDEK	AGAP007939-PA	-	53	0.000116509	1	845.462	0.03	Head	3R:-:3219860-3219840	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_76284	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	61	7.48E-06	2	1442.792	6.61	Malpighian tubule	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_76364	YGNPWEK	AGAP007939-PA	-	36	0.00278133	1	893.418	2.65	Malpighian tubule	3R:-:3220499-3220479	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_76728	SFYEMTPEK	AGAP007939-PA	M5(Oxidation)	45	0.000169572	1	1131.502	-0.65	Pupa	3R:-:3219506-3219480	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_76816	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation),N6(Deamidated)	120	7.05E-12	1	2118.142	1.8	Pupa	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_76858	HLHYTLVK	AGAP007939-PA	-	40	0.00032686	1	1010.579	0.6	Head	3R:-:3221869-3221846	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_77275	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	82	6.32E-08	1	1442.783	0.18	Male reproductive organs	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_77541	DPTFQR	AGAP007939-PA	-	42	0.001039911	2	763.374	0.77	Visceras	3R:-:3219335-3219318	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_77601	FFNDGDYIQAVLDR	AGAP007939-PA	Q9(Deamidated)	127	2.99E-12	1	1672.801	2.51	Pupa	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_77879	GIAQLEDVNEIK	AGAP007939-PA	-	85	3.94E-08	1	1328.708	1.6	Head	3R:-:3221920-3221885	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_77895	RDPTANFTPR	AGAP007939-PA	-	43	0.000845613	1	1174.600	2.88	Malpighian tubule	3R:-:3219140-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_78053	GYNAYDYYNSNPDIK	AGAP007939-PA	-	99	9.34E-10	1	1796.780	2.2	Malpighian tubule	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_78151	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl)	111	1.16E-10	1	1874.909	1.34	Head	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_78181	TSFDDFPNK	AGAP007939-PA	-	57	1.59E-05	1	1070.479	0.2	Ovary	3R:-:3219944-3219918	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_78354	AWDIVVR	AGAP007939-PA	-	41	0.001151894	1	858.486	3.5	Ovary	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_78601	TCAYTNHTVLPEALER	AGAP007939-PA	C2(Carbamidomethyl)	73	8.39E-07	1	1874.911	2.19	Ovary	3R:-:3219803-3219756	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_79438	LPNPGVAK	AGAP007939-PA	-	32	0.001547846	1	795.471	-1.1	Head	3R:-:3218321-3218298	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_79746	TSFDDFPNKVAIQLNDTHPSLAIPELMR	AGAP007939-PA	M27(Oxidation)	161	6.89E-16	1	3169.612	4.17	Malpighian tubule	3R:-:3219944-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_79925	RFPGDFGR	AGAP007939-PA	-	41	0.001107099	1	951.478	-2.03	Head	3R:-:3219665-3219642	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_80014	GYNAYDYYNSNPDIK	AGAP007939-PA	-	113	3.86E-11	1	1796.775	-0.65	Pupa	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_80075	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	86	1.12E-08	1	2060.132	1.75	Male reproductive organs	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_80515	NGEQVEEPDDWLR	AGAP007939-PA	-	113	5.37E-11	1	1586.710	1.13	Head	3R:-:3220538-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_80517	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	80	1.52E-07	1	1749.891	0.88	Pupa	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_80716	VYYLSLEYYMGR	AGAP007939-PA	M10(Oxidation)	97	2.86E-09	1	1556.755	6.12	Malpighian tubule	3R:-:3220894-3220859	exon=> In CDS Exon 2 of transcript AGAP007939-PA

JHU_Ag_81463	LAACFLDSMATLGMPAYGYGIR	AGAP007939-PA	C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation)	75	4.26E-07	2	2410.122	-0.93	Salivary gland	3R:-:3220723-3220897,3220283-3220572	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_81470	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	92	5.09E-09	2	1442.788	3.48	Head	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_81529	VIFLENYR	AGAP007939-PA	-	47	0.000189888	2	1053.572	-0.45	Midgut	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_81531	KWVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M11(Oxidation)	39	0.00159186	1	3311.623	2.2	Head	3R:-:3220412-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_81672	GIAQLEDVNEIK	AGAP007939-PA	-	89	1.63E-08	2	1328.706	0.58	Salivary gland	3R:-:3221920-3221885	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_82241	GYNAYDYYNSNPDIK	AGAP007939-PA	-	126	2.00E-12	1	1796.779	1.46	Male reproductive organs	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_82660	QIWGIEPSWEKLPNPGVAK	AGAP007939-PA	-	56	2.07E-05	1	2149.152	3.68	Male reproductive organs	3R:-:3218354-3218298	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_83053	VIFLENYR	AGAP007939-PA	-	54	3.10E-05	1	1053.575	2.33	Visceras	3R:-:3218990-3218967	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_83621	ALSLVEEDGEKR	AGAP007939-PA	-	89	1.94E-08	1	1345.696	-0.01	Midgut	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_84114	ALSLVEEDGEKR	AGAP007939-PA	-	79	2.06E-07	2	1345.701	4.07	Male reproductive organs	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_84360	GIAQLEDVNEIK	AGAP007939-PA	-	83	7.25E-08	1	1328.708	2.05	Visceras	3R:-:3221920-3221885	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_84535	NLAENISR	AGAP007939-PA	-	45	0.00060701	1	916.485	-0.18	Head	3R:-:3220106-3220083	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_84551	VSAVYQDQPK	AGAP007939-PA	-	73	7.98E-07	1	1134.580	0.67	Pupa	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_84641	ILIDDEKLSWEK	AGAP007939-PA	-	108	1.95E-10	1	1488.797	1.87	Visceras	3R:-:3219860-3219825	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_84642	VLYPNDNFFEGK	AGAP007939-PA	-	40	0.001580574	1	1442.696	0.68	Ovary	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_84644	FFNDGDYIQAVLDR	AGAP007939-PA	-	127	2.76E-12	1	1672.804	4.11	Visceras	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_85035	IGDQWPVHLEQLQQLKK	AGAP007939-PA	Q13(Deamidated),Q14(Deamidated)	77	7.98E-08	1	2060.133	2.19	Pupa	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_85263	YEYGIFAQK	AGAP007939-PA	-	64	6.48E-06	1	1118.555	3.14	Visceras	3R:-:3220571-3220545	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_85560	SKPQSDVDK	AGAP007939-PA	N-Term(Acetyl)	58	2.33E-05	1	1045.519	3.23	Head	3R:-:3221968-3221942	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_85588	WLEMSINNIATSGK	AGAP007939-PA	M4(Oxidation)	96	5.14E-09	2	1579.780	0.97	Salivary gland	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_85901	VSAVYQDQPK	AGAP007939-PA	-	53	7.38E-05	2	1134.579	0.24	Midgut	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_86017	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	119	8.19E-12	1	1998.085	0.46	Male reproductive organs	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_86919	LKQEYFMCAATLQDIVR	AGAP007939-PA	M7(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	66	3.80E-06	3	2086.048	0.95	Ovary	3R:-:3220037-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_86953	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	123	2.33E-12	1	1998.092	3.76	Visceras	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_87459	WVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M10(Oxidation)	44	0.000448933	1	3183.524	1.21	Pupa	3R:-:3220409-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA

JHU_Ag_87577	TSFDDFPNK	AGAP007939-PA	-	57	1.35E-05	1	1070.479	0.43	Pupa	3R:-:3219944-3219918	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_87682	KWVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M11(Oxidation)	59	1.48E-05	1	3295.627	1.85	Ovary	3R:-:3220412-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_88067	TQQYYYEKDPK	AGAP007939-PA	-	53	6.09E-05	2	1462.686	1.06	Visceras	3R:-:3221761-3221729	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_88505	ALSLVEEDGEKR	AGAP007939-PA	-	89	1.72E-08	1	1345.700	3.07	Visceras	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_88509	VNPASMFDIQVK	AGAP007939-PA	-	77	3.15E-07	1	1348.697	2.73	Head	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_89009	SKPQSDVDKR	AGAP007939-PA	N-Term(Acetyl)	57	2.58E-05	1	1201.618	1.05	Visceras	3R:-:3221968-3221939	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_89478	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	75	4.47E-07	1	1749.899	5.7	Malpighian tubule	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_89665	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	123	2.11E-12	1	1998.096	5.87	Malpighian tubule	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_90456	INMANLSIVGSHAVNGVAAIHSEIIKK	AGAP007939-PA	M3(Oxidation)	46	8.02E-05	1	2802.524	-2.15	Head	3R:-:3219599-3219519	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_90480	SPIDFNLK	AGAP007939-PA	-	47	0.000353 57	2	933.504	-0.1	Ovary	3R:-:3220310-3220287	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_90540	GYNAYDYYNSNPDIK	AGAP007939-PA	-	118	1.16E-11	1	1796.781	2.54	Visceras	3R:-:3218741-3218697	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_90767	QLLNCLHIITLYNR	AGAP007939-PA	C5(Carbamidomethyl)	87	1.39E-08	1	1770.970	0.85	Male reproductive organs	3R:-:3219188-3219147	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_90994	KWVDTQTVFAMPYDNPVPGYGNNVVNTLR	AGAP007939-PA	M11(Oxidation)	43	0.000618 408	1	3311.628	3.63	Salivary gland	3R:-:3220412-3220326	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_91256	INMANLSIVGSHAVNGVAAIHSEIIK	AGAP007939-PA	N15(Deamidated)	135	1.32E-13	1	2659.432	3.19	Pupa	3R:-:3219599-3219522	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_91277	GIAQLEDVNEIKK	AGAP007939-PA	-	70	1.12E-06	1	1456.802	1.12	Ovary	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_91984	FPGDFGR	AGAP007939-PA	-	38	0.001858 981	1	795.378	-0.99	Pupa	3R:-:3219662-3219642	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_92537	WLEMSINNIATSGK	AGAP007939-PA	M4(Oxidation)	61	1.46E-05	2	1579.785	4.37	Larva	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_92621	ILIDDEKLSWEK	AGAP007939-PA	-	95	4.64E-09	1	1488.795	0.64	Male reproductive organs	3R:-:3219860-3219825	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_93393	HLHYTLVK	AGAP007939-PA	-	37	0.000580 927	1	1010.580	2.22	Malpighian tubule	3R:-:3221869-3221846	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_93833	NGEQVEEPDDWLR	AGAP007939-PA	N1(Deamidated)	84	3.95E-08	1	1586.707	-0.8	Male reproductive organs	3R:-:3220538-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_93889	TQQYYYEKDPK	AGAP007939-PA	-	48	0.000197 745	1	1462.690	3.31	Malpighian tubule	3R:-:3221761-3221729	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_94651	VYYLSLEYYMGR	AGAP007939-PA	M10(Oxidation)	93	6.53E-09	1	1572.743	1.61	Ovary	3R:-:3220894-3220859	exon=> In CDS Exon 2 of transcript AGAP007939-PA
JHU_Ag_94711	ILIDDEKLSWEK	AGAP007939-PA	-	95	4.78E-09	1	1488.795	0.47	Ovary	3R:-:3219860-3219825	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_94902	TSFDDFPNKVAIQLNDTHPSLAIPELMR	AGAP007939-PA	M27(Oxidation)	89	1.08E-08	1	3169.608	2.76	Pupa	3R:-:3219944-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_95857	VLYPNDNFFEGK	AGAP007939-PA	N5(Deamidated)	76	3.93E-07	1	1442.699	2.88	Visceras	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_95881	IRNGEQVEEPDDWLR	AGAP007939-PA	N3(Deamidated)	78	2.77E-07	1	1855.893	-0.07	Male reproductive organs	3R:-:3220544-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_96021	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	94	3.18E-09	1	2134.139	3.21	Larva	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_96471	VSAVYQDQPK	AGAP007939-PA	-	74	6.61E-07	1	1134.580	1.1	Visceras	3R:-:3218555-3220144,3218295-3218433	exon=> In CDS Exon 5 and 4 of transcript AGAP007939-PA
JHU_Ag_97099	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	72	6.13E-07	1	1932.032	-1.13	Ovary	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_97493	VNPASMFDIQVK	AGAP007939-PA	M6(Oxidation)	77	3.47E-07	2	1348.695	1.37	Salivary gland	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_97589	YEYGIFAQK	AGAP007939-PA	-	69	2.36E-06	1	1118.553	0.74	Pupa	3R:-:3220571-3220545	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_97929	HLHYTLVK	AGAP007939-PA	-	40	0.000323863	1	1010.578	0.22	Pupa	3R:-:3221869-3221846	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_98038	WLEMSINNIATSGK	AGAP007939-PA	M4(Oxidation)	96	4.58E-09	2	1579.782	2.36	Pupa	3R:-:3218432-3218391	exon=> In CDS Exon 5 of transcript AGAP007939-PA
JHU_Ag_98961	VNPASMFDIQVK	AGAP007939-PA	M6(Oxidation)	83	8.34E-08	1	1364.690	1.68	Pupa	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_99625	LKQEYFMCAATLQDIVR	AGAP007939-PA	M7(Oxidation),C8(Carbamidomethyl),C8(Carbamidomethyl)	108	2.62E-10	1	2102.049	3.63	Head	3R:-:3220037-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_100773	INMANLSIVGSHAVNGVAAIHSEIIKK	AGAP007939-PA	N15(Deamidated)	87	6.31E-09	1	2787.526	2.45	Pupa	3R:-:3219599-3219519	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_101255	INMANLSIVGSHAVNGVAAIHSEIIKK	AGAP007939-PA	M3(Oxidation)	97	7.35E-10	1	2786.532	-0.92	Visceras	3R:-:3219599-3219519	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_101407	VTLAEKIMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	M8(Oxidation),M30(Oxidation),M8(Oxidation)	90	1.01E-08	1	3137.545	3.47	Malpighian tubule	3R:-:3218966-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_102334	GIAQLEDVNEIK	AGAP007939-PA	-	60	1.26E-05	2	1328.706	0.58	Pupa	3R:-:3221920-3221885	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_102513	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	107	9.48E-11	1	2138.164	-0.02	Head	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_102640	SFYEMTPEKFQNK	AGAP007939-PA	M5(Oxidation)	60	1.02E-05	1	1664.762	-0.18	Ovary	3R:-:3219506-3219468	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_102805	AAPGYYIAK	AGAP007939-PA	-	35	0.00269027	2	953.508	-1	Pupa	3R:-:3219089-3219063	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_102815	LICAVGNVVNNDPIVGDK	AGAP007939-PA	C3(Carbamidomethyl)	135	3.52E-13	1	1896.987	1.24	Visceras	3R:-:3219050-3218997	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_103026	LKLAQLLER	AGAP007939-PA	-	34	0.00082938	2	1083.691	2.49	Male reproductive organs	3R:-:3219287-3219261	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_103037	DFNRHLHYTLVK	AGAP007939-PA	-	57	2.30E-05	1	1542.822	2.56	Malpighian tubule	3R:-:3221881-3221846	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_103395	ALSLVEEDGEKR	AGAP007939-PA	-	78	2.21E-07	1	1345.696	0.08	Salivary gland	3R:-:3219635-3219600	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_103670	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	57	1.80E-05	2	1442.790	5.42	Larva	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_103756	WLLLCNPGLSDLIAEK	AGAP007939-PA	C5(Carbamidomethyl)	59	1.07E-05	1	1841.995	6.23	Malpighian tubule	3R:-:3219443-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_103940	IGDQWPVHLEQLQQLKK	AGAP007939-PA	-	38	0.00057152	1	2060.140	5.66	Larva	3R:-:3219395-3219345	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_104013	SPIDFNLK	AGAP007939-PA	-	42	0.001081864	1	933.504	-0.56	Male reproductive organs	3R:-:3220310-3220287	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_104304	DYYFALAHTVK	AGAP007939-PA	-	63	5.65E-06	1	1327.669	0.27	Salivary gland	3R:-:3221821-3221789	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_104647	TIMIGGK	AGAP007939-PA	M3(Oxidation)	36	0.003101532	2	735.407	-0.6	Pupa	3R:-:3219110-3219090	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_105183	IMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	M2(Oxidation),M24(Oxidation)	89	1.38E-08	2	2512.156	0.5	Male reproductive organs	3R:-:3218948-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_105278	AWDIVVR	AGAP007939-PA	-	40	0.001433958	2	858.483	-0.78	Midgut	3R:-:3219824-3219804	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_105440	IMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	M2(Oxidation)	83	7.45E-08	2	2480.167	1.13	Ovary	3R:-:3218948-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_105472	DPTANFTPR	AGAP007939-PA	-	67	3.24E-06	1	1018.496	1.14	Malpighian tubule	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_105617	VLYPNDNFFEGKELR	AGAP007939-PA	N5(Deamidated)	89	1.83E-08	1	1840.932	4.84	Malpighian tubule	3R:-:3220082-3220038	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_106329	NGEQVEEPDDWLR	AGAP007939-PA	N1(Deamidated)	86	2.93E-08	1	1586.710	1.05	Ovary	3R:-:3220538-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_106791	VNPASMFDIQVK	AGAP007939-PA	M6(Oxidation)	85	5.06E-08	1	1364.689	0.52	Male reproductive organs	3R:-:3219245-3219210	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_107077	VLYPNDNFFEGK	AGAP007939-PA	-	80	1.34E-07	1	1442.699	2.96	Salivary gland	3R:-:3220082-3220047	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_108339	RWLLLCNPGLSDLIAEK	AGAP007939-PA	C6(Carbamidomethyl)	78	9.60E-08	1	1998.084	0.09	Midgut	3R:-:3219446-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_108567	TQQYYYEKDPK	AGAP007939-PA	-	50	0.000138243	2	1462.684	-0.44	Pupa	3R:-:3221761-3221729	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_109473	ARPEYMIPIHFYGR	AGAP007939-PA	M6(Oxidation)	84	7.79E-08	1	1765.885	0.12	Visceras	3R:-:3220478-3220437	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_109536	HLHYTLVK	AGAP007939-PA	-	41	0.000323294	1	1010.578	-0.2	Visceras	3R:-:3221869-3221846	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_109714	FFNDGDYIQAVLDR	AGAP007939-PA	N3(Deamidated), Q9(Deamidated)	41	0.001105223	2	1674.788	13.72	Larva	3R:-:3220286-3220579,3218538-3220107	exon=> In CDS Exon 4 and 3 of transcript AGAP007939-PA
JHU_Ag_109727	SKPQSDVDKR	AGAP007939-PA	N-Term(Acetyl)	54	6.06E-05	1	1201.619	1.66	Malpighian tubule	3R:-:3221968-3221939	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_109875	SFYEMTPEK	AGAP007939-PA	M5(Oxidation)	52	3.43E-05	1	1147.498	0.28	Salivary gland	3R:-:3219506-3219480	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_109905	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	133	2.76E-13	1	2118.144	3.14	Head	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110059	QLLNCLHIITLYNR	AGAP007939-PA	C5(Carbamidomethyl)	82	4.51E-08	1	1770.970	0.78	Ovary	3R:-:3219188-3219147	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110117	HLEIIYHINFLHLQEVEKR	AGAP007939-PA	-	57	8.87E-06	1	2431.326	0.62	Salivary gland	3R:-:3219719-3219663	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110162	IMPAADLSEQISTAGTEASGTGNMK	AGAP007939-PA	-	99	1.74E-09	2	2480.160	-1.62	Pupa	3R:-:3218948-3218874	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110190	DYYFALAHTVKDHLVSR	AGAP007939-PA	-	106	3.44E-10	1	2035.047	3.78	Malpighian tubule	3R:-:3221821-3221771	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_110199	VAIQLNDTHPSLAIPELMR	AGAP007939-PA	M18(Oxidation)	118	9.30E-12	1	2118.146	3.97	Visceras	3R:-:3219917-3219861	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110296	TNGITPR	AGAP007939-PA	N2(Deamidated)	50	0.000131822	2	758.417	1.79	Malpighian tubule	3R:-:3219467-3219447	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110578	TSFDDFPNK	AGAP007939-PA	-	57	1.54E-05	1	1070.481	2.25	Salivary gland	3R:-:3219944-3219918	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110756	LICAVGNVVNNDPIVGDKLK	AGAP007939-PA	C3(Carbamidomethyl)	33	0.002707729	2	2138.158	-2.99	Midgut	3R:-:3219050-3218991	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_110943	VIDTPEGKK	AGAP007939-PA	-	42	0.000964428	2	986.551	-0.43	Ovary	3R:-:3220436-3220410	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_111392	WLLLCNPGLSDLIAEK	AGAP007939-PA	C5(Carbamidomethyl)	126	2.01E-12	1	1841.990	3.91	Visceras	3R:-:3219443-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_111552	SFYEMTPEKFQNK	AGAP007939-PA	M5(Oxidation)	48	0.000174655	1	1664.770	4.74	Male reproductive organs	3R:-:3219506-3219468	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_112303	IGDQWPVHLEQLQQLK	AGAP007939-PA	-	97	1.79E-09	1	1932.033	-0.25	Male reproductive organs	3R:-:3219395-3219348	exon=> In CDS Exon 4 of transcript AGAP007939-PA

JHU_Ag_112642	VLYPNDNFFEGKELR	AGAP007939-PA	-	96	3.55E-09	1	1840.928	2.98	Ovary	3R:-:3220082-3220038	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_113325	WPVSMLQSILPR	AGAP007939-PA	-	116	1.83E-11	2	1426.784	-2.79	Midgut	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_113685	DPTANFTPR	AGAP007939-PA	-	67	3.39E-06	1	1018.496	0.25	Pupa	3R:-:3219137-3219111	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_114043	LAACFLDSMATLGMPAYGYGIR	AGAP007939-PA	C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation)	84	6.01E-08	1	2410.125	0.36	Male reproductive organs	3R:-:3220723-3220897,3220283-3220572	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_114729	INMANLSIVGSHAVNGVAAIHSEIIK	AGAP007939-PA	M3(Oxidation),"M3(Oxidation), N15(Deamidated)"	204	1.84E-20	1	2674.438	1.16	Head	3R:-:3219599-3219522	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_114898	WPVSMLQSILPR	AGAP007939-PA	M5(Oxidation)	72	5.55E-07	2	1442.783	0.52	Ovary	3R:-:3219755-3219720	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_115618	GIAQLEDVNEIKK	AGAP007939-PA	-	78	1.51E-07	1	1456.802	0.62	Visceras	3R:-:3221920-3221882	exon=> In CDS Exon 1 of transcript AGAP007939-PA
JHU_Ag_115624	QEYFMCAATLQDIVR	AGAP007939-PA	C6(Carbamidomethyl)	82	1.00E-07	1	1844.872	2.95	Visceras	3R:-:3220031-3219987	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_116236	VIFLENYRVTLAEK	AGAP007939-PA	-	89	5.10E-09	1	1694.955	4.05	Malpighian tubule	3R:-:3218990-3218949	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_116657	WLLLCNPGLSDLIAEK	AGAP007939-PA	C5(Carbamidomethyl)	88	1.29E-08	1	1841.989	3.12	Salivary gland	3R:-:3219443-3219396	exon=> In CDS Exon 4 of transcript AGAP007939-PA
JHU_Ag_117021	YGNPWEK	AGAP007939-PA	-	36	0.003137933	1	893.414	-1.72	Pupa	3R:-:3220499-3220479	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_117145	SPIDFNLK	AGAP007939-PA	-	42	0.001234461	1	933.505	0.61	Head	3R:-:3220310-3220287	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_117378	NGEQVEEPDDWLR	AGAP007939-PA	N1(Deamidated)	68	1.38E-06	1	1587.694	1.2	Malpighian tubule	3R:-:3220538-3220500	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_117490	LAACFLDSMATLGMPAYGYGIR	AGAP007939-PA	C4(Carbamidomethyl), M9(Oxidation), M14(Oxidation),"C4(Carbamidomethyl), M9(Oxidation)"	91	1.05E-08	1	2410.127	1.2	Head	3R:-:3220723-3220897,3220283-3220572	exon=> In CDS Exon 3 and 2 of transcript AGAP007939-PA
JHU_Ag_117733	YEYGIFAQK	AGAP007939-PA	-	38	0.002405027	1	1118.550	-1.49	Head	3R:-:3220571-3220545	exon=> In CDS Exon 3 of transcript AGAP007939-PA
JHU_Ag_53736	GPVESLIYWR	AGAP007940-PA	-	93	6.44E-09	1	1219.653	5.2	Larva	3R:-:3224561-3224633,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PA
JHU_Ag_71184	GPVESLIYWR	AGAP007940-PA	-	83	7.33E-08	1	1219.650	2.29	Pupa	3R:-:3224561-3224633,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PA
JHU_Ag_4450	VQQLATVAVAHVNALVTGLRR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	97	1.86E-10	1	2216.300	0.56	Head	3R:-:3224009-3223947;3R:-:3224009-3223947;3R:-:3224009-3223947	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_10168	NVLQAVQK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	37	0.002087967	1	899.530	-0.73	Midgut	3R:-:3224159-3224136;3R:-:3224159-3224136;3R:-:3224159-3224136	exon=> In CDS Exon 2 of transcript AGAP007940-PA;exon=> In CDS Exon 2 of transcript AGAP007940-PB;exon=> In CDS Exon 3 of transcript AGAP007940-PC

JHU_Ag_10747	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	76	3.01E-08	1	2060.197	-0.52	Salivary gland	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_13399	SKIQEITEK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	58	1.52E-05	1	1075.600	0.11	Malpighian tubule	3R:-:3223655-3223735,3223506-3223560;3R:-:3223655-3223735,3223506-3223560;3R:-:3223655-3223735,3223506-3223560	exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP007940-PC
JHU_Ag_16343	NVLQAVQK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	43	0.000459747	1	899.531	-0.12	Head	3R:-:3224159-3224136;3R:-:3224159-3224136;3R:-:3224159-3224136	exon=> In CDS Exon 2 of transcript AGAP007940-PA;exon=> In CDS Exon 2 of transcript AGAP007940-PB;exon=> In CDS Exon 3 of transcript AGAP007940-PC
JHU_Ag_25507	QSIDTHLEMVR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	45	0.000374889	2	1328.662	-0.92	Midgut	3R:-:3223688-3223656;3R:-:3223688-3223656;3R:-:3223688-3223656	exon=> In CDS Exon 4 of transcript AGAP007940-PA;exon=> In CDS Exon 4 of transcript AGAP007940-PB;exon=> In CDS Exon 5 of transcript AGAP007940-PC
JHU_Ag_28326	TSEGHPFKDYLELDLTLSQEK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	48	0.000215918	2	2450.216	3.04	Head	3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010	exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007940-PC
JHU_Ag_29441	VQQLATVAVAHVNALVTGLRR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	92	4.15E-10	1	2216.303	1.77	Pupa	3R:-:3224009-3223947;3R:-:3224009-3223947;3R:-:3224009-3223947	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_30895	TSEGHPFK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	47	0.000141362	2	902.434	-2.84	Head	3R:-:3224135-3224320,3223841-3224049;3R:-:3224135-3224320,3223841-3224049;3R:-:3224135-3224320,3223841-3224049	exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007940-PC

JHU_Ag_31239	QSIDTHLEMVR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	44	0.000504975	2	1328.663	0.09	Pupa	3R:-:3223688-3223656;3R:-:3223688-3223656;3R:-:3223688-3223656	exon=> In CDS Exon 4 of transcript AGAP007940-PA;exon=> In CDS Exon 4 of transcript AGAP007940-PB;exon=> In CDS Exon 5 of transcript AGAP007940-PC
JHU_Ag_36689	VYENNKQSIDTHLEMVR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	46	0.000399183	1	2076.020	1.05	Malpighian tubule	3R:-:3223706-3223656;3R:-:3223706-3223656;3R:-:3223706-3223656	exon=> In CDS Exon 4 of transcript AGAP007940-PA;exon=> In CDS Exon 4 of transcript AGAP007940-PB;exon=> In CDS Exon 5 of transcript AGAP007940-PC
JHU_Ag_45470	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	26	0.002885235	1	2060.197	-0.43	Ovary	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_47134	SKIQEITEK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	38	0.001321123	1	1075.600	0.23	Midgut	3R:-:3223655-3223735,3223506-3223560;3R:-:3223655-3223735,3223506-3223560;3R:-:3223655-3223735,3223506-3223560	exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP007940-PC
JHU_Ag_59827	QSIDTHLEMVR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	M9(Oxidation)	59	1.60E-05	2	1328.666	2.66	Head	3R:-:3223688-3223656;3R:-:3223688-3223656;3R:-:3223688-3223656	exon=> In CDS Exon 4 of transcript AGAP007940-PA;exon=> In CDS Exon 4 of transcript AGAP007940-PB;exon=> In CDS Exon 5 of transcript AGAP007940-PC
JHU_Ag_71310	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	150	1.27E-15	1	2060.204	3.3	Head	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_80932	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	N13(Deamidated)	145	2.63E-15	1	2060.210	6.06	Larva	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_83305	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	135	3.95E-14	1	2060.197	-0.13	Midgut	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC

JHU_Ag_86061	LFLVEDLVDSIK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	96	1.92E-09	2	1390.778	-3.16	Midgut	3R:-:3223946-3223911;3R:-:3223946-3223911;3R:-:3223946-3223911	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_88104	VQQLATVAVAHVNALVTGLRR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	78	8.47E-09	1	2216.308	4.42	Larva	3R:-:3224009-3223947;3R:-:3224009-3223947;3R:-:3224009-3223947	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_90549	TSEGHPFKDYLELDLTLSQEK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	39	0.001711339	1	2450.214	1.99	Pupa	3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010	exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007940-PC
JHU_Ag_95092	VQQLATVAVAHVNALVTGLRR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	57	2.03E-06	1	2216.295	-1.58	Midgut	3R:-:3224009-3223947;3R:-:3224009-3223947;3R:-:3224009-3223947	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_96000	IQEITEKVK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	67	1.88E-06	1	1087.636	0.21	Malpighian tubule	3R:-:3223649-3223735,3223506-3223554;3R:-:3223649-3223735,3223506-3223554;3R:-:3223649-3223735,3223506-3223554	exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP007940-PC
JHU_Ag_99529	TSEGHPFKDYLELDLTLSQEK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	88	2.26E-08	1	2450.205	-1.37	Midgut	3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010;3R:-:3224135-3224320,3223841-3224010	exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP007940-PC
JHU_Ag_101777	IQEITEK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	44	0.000970982	2	860.472	-0.87	Head	3R:-:3223649-3223735,3223506-3223560;3R:-:3223649-3223735,3223506-3223560;3R:-:3223649-3223735,3223506-3223560	exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP007940-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP007940-PC

JHU_Ag_103165	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	137	2.14E-14	1	2060.204	3.03	Malpighian tubule	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_105685	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	94	5.27E-10	1	2060.203	2.59	Visceras	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_108322	AAVPLGK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	33	0.001211107	1	655.414	0.43	Malpighian tubule	3R:-:3223553-3223533;3R:-:3223553-3223533;3R:-:3223553-3223533	exon=> In CDS Exon 5 of transcript AGAP007940-PA;exon=> In CDS Exon 5 of transcript AGAP007940-PB;exon=> In CDS Exon 6 of transcript AGAP007940-PC
JHU_Ag_110761	VQQLATVAVAHVNALVTGLR	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	Q2(Deamidated),Q3(Deamidated),Q2(Deamidated),Q3(Deamidated)	99	1.47E-10	1	2060.204	3.12	Pupa	3R:-:3224009-3223950;3R:-:3224009-3223950;3R:-:3224009-3223950	exon=> In CDS Exon 3 of transcript AGAP007940-PA;exon=> In CDS Exon 3 of transcript AGAP007940-PB;exon=> In CDS Exon 4 of transcript AGAP007940-PC
JHU_Ag_110817	NVLQAVQK	AGAP007940-PA,AGAP007940-PB,AGAP007940-PC	-	49	0.000109168	1	899.534	3.88	Larva	3R:-:3224159-3224136;3R:-:3224159-3224136;3R:-:3224159-3224136	exon=> In CDS Exon 2 of transcript AGAP007940-PA;exon=> In CDS Exon 2 of transcript AGAP007940-PB;exon=> In CDS Exon 3 of transcript AGAP007940-PC
JHU_Ag_20233	DGLESLIYWR	AGAP007940-PB	-	71	1.44E-06	2	1251.634	-1.93	Head	3R:-:3225124-3225181,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PB
JHU_Ag_20911	DGLESLIYWR	AGAP007940-PB	-	78	2.52E-07	1	1251.638	1.19	Visceras	3R:-:3225124-3225181,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PB
JHU_Ag_25913	NVLAEYLVLEASDFTK	AGAP007940-PB	-	104	4.88E-10	1	1811.944	0.52	Ovary	3R:-:3225172-3225125	exon=> In CDS Exon 1 of transcript AGAP007940-PB
JHU_Ag_34728	NVLAEYLVLEASDFTK	AGAP007940-PB	-	45	0.000394078	2	1811.947	2.38	Midgut	3R:-:3225172-3225125	exon=> In CDS Exon 1 of transcript AGAP007940-PB
JHU_Ag_50567	DGLESLIYWR	AGAP007940-PB	-	74	7.19E-07	1	1251.637	-0.08	Midgut	3R:-:3225124-3225181,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PB
JHU_Ag_52770	DGLESLIYWR	AGAP007940-PB	-	57	3.13E-05	2	1251.639	1.78	Larva	3R:-:3225124-3225181,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PB
JHU_Ag_67985	DGLESLIYWR	AGAP007940-PB	-	71	1.16E-06	1	1251.642	3.92	Malpighian tubule	3R:-:3225124-3225181,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PB
JHU_Ag_69984	NVLAEYLVLEASDFTK	AGAP007940-PB	-	86	2.72E-08	1	1811.956	7.3	Malpighian tubule	3R:-:3225172-3225125	exon=> In CDS Exon 1 of transcript AGAP007940-PB
JHU_Ag_81036	NVLAEYLVLEASDFTK	AGAP007940-PB	-	60	1.30E-05	2	1811.948	2.92	Pupa	3R:-:3225172-3225125	exon=> In CDS Exon 1 of transcript AGAP007940-PB
JHU_Ag_109274	DGLESLIYWR	AGAP007940-PB	-	78	2.46E-07	1	1251.641	2.95	Pupa	3R:-:3225124-3225181,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PB

JHU_Ag_111002	DGLESLIYWR	AGAP007940-PB	-	40	0.001569247	2	1251.642	4.12	Ovary	3R:-:3225124-3225181,3224113-3224298	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PB
JHU_Ag_29464	DYGLDTWFNPAR	AGAP007940-PC	-	70	1.09E-06	2	1454.674	2.44	Visceras	3R:-:3226845-3227109,3226201-3226214	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PC
JHU_Ag_49279	VESLIYWR	AGAP007940-PC	-	48	0.00015931	2	1065.575	2.42	Head	3R:-:3226201-3226236,3224113-3224298	exon=> In CDS Exon 3 and 2 of transcript AGAP007940-PC
JHU_Ag_117140	DYGLDTWFNPAR	AGAP007940-PC	-	84	4.79E-08	2	1454.673	1.94	Head	3R:-:3226845-3227109,3226201-3226214	exon=> In CDS Exon 2 and 1 of transcript AGAP007940-PC
JHU_Ag_53506	VQPDMEELTENAEEGDEGESK	AGAP007942-PA	M5(Oxidation)	160	2.99E-16	1	2351.968	0.3	Head	3R:+:3232925-3232987	exon=> In CDS Exon 3 of transcript AGAP007942-PA
JHU_Ag_87754	SVQLLGSAYK	AGAP007942-PA	-	52	4.21E-05	2	1065.595	0.8	Head	3R:+:3232606-3232635	exon=> In CDS Exon 2 of transcript AGAP007942-PA
JHU_Ag_104416	SVQLLGSAYKEK	AGAP007942-PA	-	51	5.35E-05	1	1322.733	1.02	Head	3R:+:3232606-3232641	exon=> In CDS Exon 2 of transcript AGAP007942-PA
JHU_Ag_18662	VYLLPDK	AGAP007942-PA,AGAP005288-PC,AGAP005288-PB,AGAP005288-PA,AGAP007942-PB	-	50	7.05E-05	1	847.496	3.91	Head	3R:+:3233228-3233248;2L:+:13708182-13708202;2L:+:13708182-13708202;2L:+:13708182-13708202;3R:+:3233228-3233248	exon=> In CDS Exon 4 of transcript AGAP007942-PA;exon=> In CDS Exon 3 of transcript AGAP005288-PC;exon=> In CDS Exon 7 of transcript AGAP005288-PB;exon=> In CDS Exon 4 of transcript AGAP005288-PA;exon=> In CDS Exon 4 of transcript AGAP007942-PB
JHU_Ag_990	TLVFAIFDFDR	AGAP007942-PA,AGAP007942-PB	-	72	7.79E-07	1	1343.703	2.57	Head	3R:+:3233812-3233844;3R:+:3233812-3233844	exon=> In CDS Exon 5 of transcript AGAP007942-PA;exon=> In CDS Exon 5 of transcript AGAP007942-PB
JHU_Ag_4659	IGTSEPIGK	AGAP007942-PA,AGAP007942-PB	-	57	3.59E-05	2	901.499	0.25	Head	3R:+:3240858-3240884;3R:+:3240858-3240884	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB
JHU_Ag_10568	CTLNPYYNESFSFEVPFEQIQK	AGAP007942-PA,AGAP007942-PB	C1(Carbamidomethyl)	87	2.02E-08	1	2740.272	4.38	Head	3R:+:3238152-3238214,3240819-3240821;3R:+:3238152-3238214,3240819-3240821	exon=> In CDS Exon 7 and 8 of transcript AGAP007942-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP007942-PB
JHU_Ag_14104	HWSDMLASPR	AGAP007942-PA,AGAP007942-PB	M5(Oxidation)	35	0.00303004	2	1215.559	1.38	Head	3R:+:3240924-3240953;3R:+:3240924-3240953	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB
JHU_Ag_15850	VPLCQIDLAQTIEEWR	AGAP007942-PA,AGAP007942-PB	C4(Carbamidomethyl)	158	2.13E-15	1	1971.009	4.47	Head	3R:+:3233878-3233925;3R:+:3233878-3233925	exon=> In CDS Exon 5 of transcript AGAP007942-PA;exon=> In CDS Exon 5 of transcript AGAP007942-PB
JHU_Ag_17144	KMDVGGLSDPYVK	AGAP007942-PA,AGAP007942-PB	M2(Oxidation)	58	2.17E-05	1	1424.712	2.29	Head	3R:+:3237876-3237900,3238081-3238094;3R:+:3237876-3237900,3238081-3238094	exon=> In CDS Exon 6 and 7 of transcript AGAP007942-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP007942-PB
JHU_Ag_32394	VVLGYNASGTELR	AGAP007942-PA,AGAP007942-PB	-	74	4.21E-07	2	1378.737	2.86	Larva	3R:+:3240885-3240923;3R:+:3240885-3240923	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB

JHU_Ag_49101	MDVGGLSDPYVK	AGAP007942-PA,AGAP007942-PB	M1(Oxidation)	81	1.55E-07	1	1280.623	3.25	Head	3R:+:3237879-3237900,3238081-3238094;3R:+:3237879-3237900,3238081-3238094	exon=> In CDS Exon 6 and 7 of transcript AGAP007942-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP007942-PB
JHU_Ag_52199	VNLVVTVVDYDR	AGAP007942-PA,AGAP007942-PB	-	98	1.61E-09	2	1391.753	-0.08	Head	3R:+:3240822-3240857;3R:+:3240822-3240857	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB
JHU_Ag_54470	VYLLPDKK	AGAP007942-PA,AGAP007942-PB	-	35	0.001097688	2	975.589	1.88	Head	3R:+:3233228-3233251;3R:+:3233228-3233251	exon=> In CDS Exon 4 of transcript AGAP007942-PA;exon=> In CDS Exon 4 of transcript AGAP007942-PB
JHU_Ag_63895	VVLGYNASGTELR	AGAP007942-PA,AGAP007942-PB	N6(Deamidated)	112	6.42E-11	1	1378.736	2.15	Head	3R:+:3240885-3240923;3R:+:3240885-3240923	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB
JHU_Ag_69461	RPIAQWHTLK	AGAP007942-PA,AGAP007942-PB	-	48	6.96E-05	1	1249.718	1.19	Head	3R:+:3240954-3240983;3R:+:3240954-3240983	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB
JHU_Ag_72996	ELQSVEGEGGQENK	AGAP007942-PA,AGAP007942-PB	-	63	6.14E-06	2	1503.694	1.19	Pupa	3R:+:3233926-3233958,3237783-3237791;3R:+:3233926-3233958,3237783-3237791	exon=> In CDS Exon 5 and 6 of transcript AGAP007942-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP007942-PB
JHU_Ag_78097	VNLVVTVVDYDR	AGAP007942-PA,AGAP007942-PB	-	68	1.37E-06	1	1391.760	5.36	Pupa	3R:+:3240822-3240857;3R:+:3240822-3240857	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB
JHU_Ag_86439	HDQIGEVK	AGAP007942-PA,AGAP007942-PB	-	48	0.000150782	1	925.468	-6.14	Head	3R:+:3233854-3233877;3R:+:3233854-3233877	exon=> In CDS Exon 5 of transcript AGAP007942-PA;exon=> In CDS Exon 5 of transcript AGAP007942-PB
JHU_Ag_91053	KCTLNPYYNESFSFEVPFEQIQK	AGAP007942-PA,AGAP007942-PB	C2(Carbamidomethyl)	50	0.000132609	3	2868.361	2.24	Head	3R:+:3238149-3238214,3240819-3240821;3R:+:3238149-3238214,3240819-3240821	exon=> In CDS Exon 7 and 8 of transcript AGAP007942-PA;exon=> In CDS Exon 7 and 8 of transcript AGAP007942-PB
JHU_Ag_92723	ELQSVEGEGGQENKLGDICFSLR	AGAP007942-PA,AGAP007942-PB	C19(Carbamidomethyl)	162	8.87E-16	1	2565.233	3.25	Head	3R:+:3233926-3233958,3237783-3237818;3R:+:3233926-3233958,3237783-3237818	exon=> In CDS Exon 5 and 6 of transcript AGAP007942-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP007942-PB
JHU_Ag_99294	HDQIGEVKVPLCQIDLAQTIEEWR	AGAP007942-PA,AGAP007942-PB	C12(Carbamidomethyl)	146	2.54E-14	1	2877.467	3.81	Head	3R:+:3233854-3233925;3R:+:3233854-3233925	exon=> In CDS Exon 5 of transcript AGAP007942-PA;exon=> In CDS Exon 5 of transcript AGAP007942-PB
JHU_Ag_102224	TLNPVFNESFTFK	AGAP007942-PA,AGAP007942-PB	-	94	5.23E-09	1	1543.783	2.56	Head	3R:+:3233282-3233320;3R:+:3233282-3233320	exon=> In CDS Exon 4 of transcript AGAP007942-PA;exon=> In CDS Exon 4 of transcript AGAP007942-PB
JHU_Ag_103325	LTVVILEAK	AGAP007942-PA,AGAP007942-PB	-	68	5.04E-07	2	985.628	-1.43	Head	3R:+:3237840-3237866;3R:+:3237840-3237866	exon=> In CDS Exon 6 of transcript AGAP007942-PA;exon=> In CDS Exon 6 of transcript AGAP007942-PB
JHU_Ag_103483	FSKHDQIGEVK	AGAP007942-PA,AGAP007942-PB	-	38	0.002307323	3	1287.669	-0.22	Head	3R:+:3233845-3233877;3R:+:3233845-3233877	exon=> In CDS Exon 5 of transcript AGAP007942-PA;exon=> In CDS Exon 5 of transcript AGAP007942-PB

JHU_Ag_108307	KFETK	AGAP007942-PA,AGAP007942-PB	-	35	0.001415089	1	652.365	-2	Head	3R:+:3233255-3233269;3R:+:3233255-3233269	exon=> In CDS Exon 4 of transcript AGAP007942-PA;exon=> In CDS Exon 4 of transcript AGAP007942-PB
JHU_Ag_113136	VVLGYNASGTELR	AGAP007942-PA,AGAP007942-PB	-	80	1.12E-07	2	1378.733	0.38	Pupa	3R:+:3240885-3240923;3R:+:3240885-3240923	exon=> In CDS Exon 8 of transcript AGAP007942-PA;exon=> In CDS Exon 8 of transcript AGAP007942-PB
JHU_Ag_113934	ELQSVEGEGGQENK	AGAP007942-PA,AGAP007942-PB	-	119	1.47E-11	1	1503.695	1.92	Head	3R:+:3233926-3233958,3237783-3237791;3R:+:3233926-3233958,3237783-3237791	exon=> In CDS Exon 5 and 6 of transcript AGAP007942-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP007942-PB
JHU_Ag_114270	VPLCQIDLAQTIEEWR	AGAP007942-PA,AGAP007942-PB	C4(Carbamidomethyl)	141	1.16E-13	1	1971.006	2.74	Visceras	3R:+:3233878-3233925;3R:+:3233878-3233925	exon=> In CDS Exon 5 of transcript AGAP007942-PA;exon=> In CDS Exon 5 of transcript AGAP007942-PB
JHU_Ag_114273	LGDICFSLR	AGAP007942-PA,AGAP007942-PB	C5(Carbamidomethyl)	64	6.88E-06	2	1080.553	1.82	Head	3R:+:3237792-3237818;3R:+:3237792-3237818	exon=> In CDS Exon 6 of transcript AGAP007942-PA;exon=> In CDS Exon 6 of transcript AGAP007942-PB
JHU_Ag_103555	SVQPDMEELTENAEEGDEGESK	AGAP007942-PB	M6(Oxidation)	114	1.12E-11	1	2439.000	0.27	Head	3R:+:3232606-3232608,3232925-3232987	exon=> In CDS Exon 2 and 3 of transcript AGAP007942-PB
JHU_Ag_49829	HISIK	AGAP007945-PA	-	32	0.001621586	1	597.372	0.3	Head	3R:-:3251628-3251614	exon=> In CDS Exon 3 of transcript AGAP007945-PA
JHU_Ag_52858	EVFLDGFQSYR	AGAP007946-PA	-	75	3.90E-07	1	1360.654	0.72	Malpighian tubule	3R:-:3253653-3253621	exon=> In CDS Exon 2 of transcript AGAP007946-PA
JHU_Ag_3486	LQDVMIGTRPFVSTAYFTKGDR	AGAP007946-PA,AGAP007946-PB	-	83	4.32E-08	1	2502.293	4.74	Malpighian tubule	3R:-:3254682-3254617;3R:-:3254682-3254617	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_7969	HLLDFEHLK	AGAP007946-PA,AGAP007946-PB	-	47	0.000234059	1	1151.619	-1.55	Head	3R:-:3254559-3254533;3R:-:3254559-3254533	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_10305	IYDFSKPSTVFR	AGAP007946-PA,AGAP007946-PB	-	56	3.44E-05	1	1459.759	0.58	Malpighian tubule	3R:-:3254277-3254242;3R:-:3254277-3254242	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_10586	NVLNHGDLWCNNVMFR	AGAP007946-PA,AGAP007946-PB	C10(Carbamidomethyl), M14(Oxidation),C10(Carbamidomethyl)	70	1.56E-06	1	1988.927	2.71	Malpighian tubule	3R:-:3254241-3254194;3R:-:3254241-3254194	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_12009	KIYDFSKPSTVFR	AGAP007946-PA,AGAP007946-PB	-	58	1.80E-05	1	1587.857	2.22	Malpighian tubule	3R:-:3254280-3254242;3R:-:3254280-3254242	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_12585	LSEEPVGYLGDHYLLDVNLR	AGAP007946-PA,AGAP007946-PB	-	122	7.37E-12	1	2302.181	4.06	Malpighian tubule	3R:-:3254913-3254854;3R:-:3254913-3254854	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_18640	MVHYSPEEEEKYAEEEYISFFVK	AGAP007946-PA,AGAP007946-PB	M1(Oxidation)	167	2.32E-16	1	2899.314	4	Malpighian tubule	3R:-:3254847-3254779;3R:-:3254847-3254779	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB

JHU_Ag_21106	EILLYK	AGAP007946-PA,AGAP007946-PB	-	30	0.001969121	2	778.473	2.03	Malpighian tubule	3R:-:3254715-3254698;3R:-:3254715-3254698	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_21165	YASSEKLDEILLK	AGAP007946-PA,AGAP007946-PB	-	81	7.39E-08	1	1508.823	1.79	Malpighian tubule	3R:-:3254337-3254299;3R:-:3254337-3254299	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_24522	HLLDFEHLKVALQAVAK	AGAP007946-PA,AGAP007946-PB	-	84	8.05E-09	1	1932.113	3.08	Malpighian tubule	3R:-:3254559-3254509;3R:-:3254559-3254509	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_32697	LFVGYLNENAYVDDDDHVRK	AGAP007946-PA,AGAP007946-PB	-	78	2.43E-07	1	2382.135	-0.32	Malpighian tubule	3R:-:3254454-3254395;3R:-:3254454-3254395	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_42843	MDPQTIGLVESDIAESVK	AGAP007946-PA,AGAP007946-PB	N-Term(Acetyl), M1(Oxidation)	132	1.22E-12	1	1989.973	2.24	Malpighian tubule	3R:-:3255036-3254983;3R:-:3255036-3254983	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_56174	SKTPIPK	AGAP007946-PA,AGAP007946-PB	-	30	0.003993029	1	770.478	1.66	Malpighian tubule	3R:-:3254475-3254455;3R:-:3254475-3254455	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_65375	HLLDFEHLK	AGAP007946-PA,AGAP007946-PB	-	59	1.61E-05	1	1151.621	-0.12	Malpighian tubule	3R:-:3254559-3254533;3R:-:3254559-3254533	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_71362	YEMIPTSVDSSCINTEGHLPEGR	AGAP007946-PA,AGAP007946-PB	C12(Carbamidomethyl)	100	1.29E-09	1	2592.174	1.5	Malpighian tubule	3R:-:3254193-3255036,3253369-3254014;3R:-:3254193-3255036,3253932-3254014	exon=> In CDS Exon 2 and 1 of transcript AGAP007946-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP007946-PB
JHU_Ag_71765	VTSDREDQAETGK	AGAP007946-PA,AGAP007946-PB	Q8(Deamidated)	75	4.52E-07	1	1435.667	0.46	Malpighian tubule	3R:-:3254010-3253972;3R:-:3254010-3253972	exon=> In CDS Exon 2 of transcript AGAP007946-PA;exon=> In CDS Exon 2 of transcript AGAP007946-PB
JHU_Ag_83586	LVSYQVRR	AGAP007946-PA,AGAP007946-PB	-	34	0.002385305	1	1020.596	0.93	Malpighian tubule	3R:-:3254937-3254914;3R:-:3254937-3254914	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_87272	MIVFENLTSEGYSIVEHTK	AGAP007946-PA,AGAP007946-PB	M1(Oxidation)	98	2.32E-09	1	2213.083	1.47	Malpighian tubule	3R:-:3254616-3254560;3R:-:3254616-3254560	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_87681	LDEILLK	AGAP007946-PA,AGAP007946-PB	-	42	0.000455087	2	843.519	0.39	Malpighian tubule	3R:-:3254319-3254299;3R:-:3254319-3254299	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_90846	KINLENAIQVLCEMIK	AGAP007946-PA,AGAP007946-PB	C12(Carbamidomethyl), M14(Oxidation)	53	4.31E-05	1	1932.042	6.39	Malpighian tubule	3R:-:3254397-3254350;3R:-:3254397-3254350	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB

JHU_Ag_92082	LSEEPVGYLGDHYLLDVNLREK	AGAP007946-PA,AGAP007946-PB	-	105	3.03E-10	1	2559.316	2.87	Malpighian tubule	3R:-:3254913-3254848;3R:-:3254913-3254848	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_100239	LFVGYLNENAYVDDDDHVR	AGAP007946-PA,AGAP007946-PB	-	110	1.57E-10	1	2254.048	2.98	Malpighian tubule	3R:-:3254454-3254398;3R:-:3254454-3254398	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_100838	LHASSLILEER	AGAP007946-PA,AGAP007946-PB	-	98	1.06E-09	1	1267.703	1.79	Malpighian tubule	3R:-:3254508-3254476;3R:-:3254508-3254476	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_101693	LQDVMIGTRPFVSTAYFTK	AGAP007946-PA,AGAP007946-PB	M5(Oxidation)	90	1.32E-08	1	2190.130	1.78	Malpighian tubule	3R:-:3254682-3254626;3R:-:3254682-3254626	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_104850	VALQAVAK	AGAP007946-PA,AGAP007946-PB	-	53	3.89E-05	2	799.504	0.21	Malpighian tubule	3R:-:3254532-3254509;3R:-:3254532-3254509	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_114218	LVSYQVR	AGAP007946-PA,AGAP007946-PB	-	43	0.000555127	1	864.493	-1.46	Malpighian tubule	3R:-:3254937-3254917;3R:-:3254937-3254917	exon=> In CDS Exon 1 of transcript AGAP007946-PA;exon=> In CDS Exon 1 of transcript AGAP007946-PB
JHU_Ag_35204	RIPVEAK	AGAP007946-PB	-	36	0.001100762	2	812.499	-0.4	Malpighian tubule	3R:-:3253246-3253226	exon=> In CDS Exon 3 of transcript AGAP007946-PB
JHU_Ag_38988	DADVSNSALFVSNANHESR	AGAP007946-PB	-	117	3.07E-11	1	2032.936	1.9	Malpighian tubule	3R:-:3253971-3254033,3252794-3253250	exon=> In CDS Exon 3 and 2 of transcript AGAP007946-PB
JHU_Ag_51483	YFQQDTNYRNR	AGAP007946-PB	Q3(Deamidated)	42	0.00064777	1	1505.677	0.11	Malpighian tubule	3R:-:3252868-3252836	exon=> In CDS Exon 3 of transcript AGAP007946-PB
JHU_Ag_81019	YFQQDTNYR	AGAP007946-PB	Q3(Deamidated)	58	1.02E-05	1	1234.550	1.2	Malpighian tubule	3R:-:3252868-3252842	exon=> In CDS Exon 3 of transcript AGAP007946-PB
JHU_Ag_84225	MTEMLEELVESLK	AGAP007946-PB	M1(Oxidation), M4(Oxidation)	77	2.73E-07	2	1583.752	-1.66	Malpighian tubule	3R:-:3252835-3252797	exon=> In CDS Exon 3 of transcript AGAP007946-PB
JHU_Ag_101728	LVDFQLAR	AGAP007946-PB	-	60	8.91E-06	1	961.547	0.79	Malpighian tubule	3R:-:3253225-3253202	exon=> In CDS Exon 3 of transcript AGAP007946-PB
JHU_Ag_104616	DMLNCSENFDNFLR	AGAP007946-PB	M2(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	98	8.23E-10	2	1790.752	2.88	Malpighian tubule	3R:-:3252940-3252899	exon=> In CDS Exon 3 of transcript AGAP007946-PB
JHU_Ag_1823	LVLCTADNGIQILNALHK	AGAP007948-PA	C4(Carbamidomethyl)	41	0.000456327	1	1993.090	0.19	Ovary	3R:-:3269396-3269343	exon=> In CDS Exon 2 of transcript AGAP007948-PA
JHU_Ag_6495	VWALDSVELSDGTEK	AGAP007948-PA	-	81	1.52E-07	2	1648.809	1.5	Ovary	3R:-:3268871-3268827	exon=> In CDS Exon 2 of transcript AGAP007948-PA
JHU_Ag_93776	VFGAAWIPR	AGAP007948-PA	-	54	6.02E-05	2	1016.567	-0.36	Ovary	3R:-:3267561-3267535	exon=> In CDS Exon 3 of transcript AGAP007948-PA
JHU_Ag_111773	HDIHLMR	AGAP007949-PA	M6(Oxidation)	39	0.00190043	1	937.465	-2.95	Head	3R:+:3266026-3266046	exon=> In CDS Exon 2 of transcript AGAP007949-PA
JHU_Ag_53423	INAILLIK	AGAP007950-PA	-	54	1.52E-06	2	897.613	-0.55	Midgut	3R:-:3274067-3274044	exon=> In CDS Exon 1 of transcript AGAP007950-PA
JHU_Ag_77956	INAILLIKDYDASLLPR	AGAP007950-PA	-	28	0.001955842	3	1928.134	6.56	Malpighian tubule	3R:-:3274067-3274017	exon=> In CDS Exon 1 of transcript AGAP007950-PA
JHU_Ag_109610	KLLDALGK	AGAP007953-PA	-	31	0.003515697	2	857.553	8.17	Head	3R:+:3289254-3289277	exon=> In CDS Exon 2 of transcript AGAP007953-PA
JHU_Ag_1907	AIEAALEK	AGAP007954-PA	-	54	7.87E-05	1	844.478	0.47	Salivary gland	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA

JHU_Ag_2146	AIEAALEK	AGAP007954-PA	-	58	3.23E-05	1	844.477	-0.06	Pupa	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA
JHU_Ag_11323	AIEAALEK	AGAP007954-PA	-	62	1.10E-05	1	844.477	-0.55	Midgut	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA
JHU_Ag_19421	AIEAALEK	AGAP007954-PA	-	58	2.73E-05	2	844.477	-0.42	Visceras	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA
JHU_Ag_26327	AIEAALEK	AGAP007954-PA	-	53	8.61E-05	1	844.481	4.08	Larva	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA
JHU_Ag_69097	AIEAALEK	AGAP007954-PA	-	42	0.001138	2	844.476	-1.36	Head	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA
JHU_Ag_87353	AIEAALEK	AGAP007954-PA	-	54	7.96E-05	1	844.481	3.79	Male reproductive organs	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA
JHU_Ag_115423	AIEAALEK	AGAP007954-PA	-	62	1.32E-05	2	844.477	-0.34	Malpighian tubule	3R:+:3293310-3293333	exon=> In CDS Exon 4 of transcript AGAP007954-PA
JHU_Ag_4445	GIAGTLETMER	AGAP007957-PA,AGAP007957-PB	M9(Oxidation)	70	1.51E-06	2	1193.586	2.69	Malpighian tubule	3R:+:3305502-3305534;3R:+:3305502-3305534	exon=> In CDS Exon 2 of transcript AGAP007957-PA;exon=> In CDS Exon 3 of transcript AGAP007957-PB
JHU_Ag_16410	ALLTAELSDAK	AGAP007957-PA,AGAP007957-PB	-	41	0.001026925	2	1131.624	-1.17	Male reproductive organs	3R:+:3305364-3305396;3R:+:3305364-3305396	exon=> In CDS Exon 2 of transcript AGAP007957-PA;exon=> In CDS Exon 3 of transcript AGAP007957-PB
JHU_Ag_28928	TISADELQLKR	AGAP007957-PA,AGAP007957-PB	-	76	2.44E-07	1	1273.719	5.95	Malpighian tubule	3R:+:3304375-3304407;3R:+:3304375-3304407	exon=> In CDS Exon 1 of transcript AGAP007957-PA;exon=> In CDS Exon 2 of transcript AGAP007957-PB
JHU_Ag_31495	SVIESEDFPVVFCHNDLQEGNILLR	AGAP007957-PA,AGAP007957-PB	C13(Carbamidomethyl)	86	3.42E-08	1	2930.450	5.14	Malpighian tubule	3R:+:3305646-3305720;3R:+:3305646-3305720	exon=> In CDS Exon 2 of transcript AGAP007957-PA;exon=> In CDS Exon 3 of transcript AGAP007957-PB
JHU_Ag_33325	LHGIFPGGRIEQYIPAR	AGAP007957-PA,AGAP007957-PB	-	35	0.001483062	1	1924.063	4.26	Malpighian tubule	3R:+:3305313-3305363;3R:+:3305313-3305363	exon=> In CDS Exon 2 of transcript AGAP007957-PA;exon=> In CDS Exon 3 of transcript AGAP007957-PB
JHU_Ag_51811	ALLTAELSDAK	AGAP007957-PA,AGAP007957-PB	-	85	3.65E-08	1	1131.625	-0.52	Malpighian tubule	3R:+:3305364-3305396;3R:+:3305364-3305396	exon=> In CDS Exon 2 of transcript AGAP007957-PA;exon=> In CDS Exon 3 of transcript AGAP007957-PB
JHU_Ag_73037	IEQYIPAR	AGAP007957-PA,AGAP007957-PB	-	49	0.000174289	1	989.544	2.9	Malpighian tubule	3R:+:3305340-3305363;3R:+:3305340-3305363	exon=> In CDS Exon 2 of transcript AGAP007957-PA;exon=> In CDS Exon 3 of transcript AGAP007957-PB
JHU_Ag_1600	DPTTLQAYPGVTVGDLGAK	AGAP007958-PA	-	32	0.007269594	2	1902.985	2.02	Head	3R:+:3311914-3311970	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_20973	TGDVNEQGEFVSPFKDPAK	AGAP007958-PA	-	64	6.39E-06	1	2064.986	-0.58	Malpighian tubule	3R:+:3312049-3312105	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_29217	TLSIAYGER	AGAP007958-PA	-	49	0.000174249	2	1009.535	3.36	Malpighian tubule	3R:+:3312953-3312976,3313041-3313043	exon=> In CDS Exon 3 and 4 of transcript AGAP007958-PA
JHU_Ag_45174	YLGAFGLTEIAHGTNAK	AGAP007958-PA	-	68	1.96E-06	1	1762.915	1.35	Malpighian tubule	3R:+:3311674-3311724	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_52997	YSLGFGMFPSVIR	AGAP007958-PA	M7(Oxidation)	97	2.92E-09	2	1489.753	1.58	Malpighian tubule	3R:+:3311581-3311619	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_57099	IGICGIANVYLTK	AGAP007958-PA	C4(Carbamidomethyl)	39	0.000984536	1	1421.793	7.64	Malpighian tubule	3R:+:3312145-3312183	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_60370	TLDVGRLDEIVEGNETGK	AGAP007958-PA	-	65	4.43E-06	1	1944.991	2.02	Malpighian tubule	3R:+:3311620-3311673	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_60496	VFNLWFAK	AGAP007958-PA	-	54	3.87E-05	1	1024.564	2.8	Malpighian tubule	3R:+:3312325-3312348	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_63401	FGASLGALSGGR	AGAP007958-PA	-	92	8.30E-09	2	1092.580	0.61	Malpighian tubule	3R:+:3312109-3312144	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_65799	MLLNVYAK	AGAP007958-PA	M1(Oxidation)	40	0.000830023	1	967.529	0.47	Malpighian tubule	3R:+:3313044-3313067	exon=> In CDS Exon 4 of transcript AGAP007958-PA

JHU_Ag_76941	DPTTLQAYPGVTVGDLGAK	AGAP007958-PA	-	71	9.52E-07	1	1902.986	2.66	Malpighian tubule	3R:+:3311914-3311970	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_80204	AGLQGVDNGFVMFR	AGAP007958-PA	M12(Oxidation)	78	2.29E-07	1	1526.745	1.68	Malpighian tubule	3R:+:3311971-3312012	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_87905	LGSLYGAGAILR	AGAP007958-PA	-	69	5.45E-07	2	1190.694	4.22	Malpighian tubule	3R:+:3313116-3313151	exon=> In CDS Exon 4 of transcript AGAP007958-PA
JHU_Ag_90002	FLANLEAGPER	AGAP007958-PA	-	88	3.10E-08	1	1216.633	0.8	Malpighian tubule	3R:+:3313068-3313100	exon=> In CDS Exon 4 of transcript AGAP007958-PA
JHU_Ag_92289	TTATYDPTAGEYVLNTPDFEAAK	AGAP007958-PA	-	77	2.39E-07	1	2475.165	3.56	Head	3R:+:3311734-3311802	exon=> In CDS Exon 2 of transcript AGAP007958-PA
JHU_Ag_95503	NDVQSFFAR	AGAP007958-PA	-	41	0.001121768	1	1083.522	0.51	Malpighian tubule	3R:+:3312926-3312952	exon=> In CDS Exon 3 of transcript AGAP007958-PA
JHU_Ag_1227	HMYDIDNNGFLDNNDFQCMALR	AGAP007963-PA	M2(Oxidation), C18(Carbamidomethyl), M19(Oxidation)	55	1.01E-05	3	2735.138	3.47	Larva	3R:+:3358497-3358506,3364603-3364658	exon=> In CDS Exon 1 and 2 of transcript AGAP007963-PA
JHU_Ag_1255	SLWDEISALADFDKDGK	AGAP007963-PA	-	126	4.44E-12	1	1909.923	2.55	Visceras	3R:+:3364728-3364769,3366989-3366997	exon=> In CDS Exon 2 and 3 of transcript AGAP007963-PA
JHU_Ag_3346	AFIDAHYK	AGAP007963-PA	-	50	0.000144939	1	964.485	-3.7	Head	3R:+:3375017-3375040	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_3554	LVDDSYNNLVSEEDNK	AGAP007963-PA	N7(Deamidated)	135	3.37E-13	1	1853.841	0.4	Head	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_5925	LAVDDIKLVDDSYNNLVSEEDNK	AGAP007963-PA	-	101	1.21E-09	1	2608.275	4.74	Malpighian tubule	3R:+:3375107-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_6270	SLWDEISALADFDKDGK	AGAP007963-PA	-	38	0.002942992	1	1909.921	1.49	Ovary	3R:+:3364728-3364769,3366989-3366997	exon=> In CDS Exon 2 and 3 of transcript AGAP007963-PA
JHU_Ag_6287	VEFIVR	AGAP007963-PA	-	39	0.000541619	1	762.451	0.61	Male reproductive organs	3R:+:3358479-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_7769	KGGITLER	AGAP007963-PA	-	45	0.000521509	2	873.513	-2.22	Visceras	3R:+:3375317-3375340	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_11551	LNEYKFIMK	AGAP007963-PA	M8(Oxidation)	43	0.000838998	2	1201.630	1.2	Malpighian tubule	3R:+:3364701-3364727	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_12666	MMDINNDGLVSIEEYR	AGAP007963-PA	M1(Oxidation), M2(Oxidation)	95	2.48E-09	2	1930.853	0.33	Midgut	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_13396	GEINPAR	AGAP007963-PA	-	37	0.00124219	2	756.402	2.78	Male reproductive organs	3R:+:3364680-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_14945	SYSWDQRVEFIVR	AGAP007963-PA	N-Term(Acetyl)	65	4.64E-06	1	1726.862	3.95	Malpighian tubule	3R:+:3358458-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_15606	QTCVGKPYSEFPK	AGAP007963-PA	C3(Carbamidomethyl)	77	3.09E-07	1	1540.746	-0.04	Malpighian tubule	3R:+:3367031-3367069	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_16021	SLWDEISALADFDK	AGAP007963-PA	-	89	2.06E-08	2	1609.781	4.06	Visceras	3R:+:3364728-3364769	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_16852	YQELYAQFMGNENAK	AGAP007963-PA	M9(Oxidation)	123	4.94E-12	1	1821.810	-0.92	Midgut	3R:+:3375341-3375385	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_17403	ITTDEFK	AGAP007963-PA	-	36	0.002525349	2	853.430	0.09	Pupa	3R:+:3366998-3367018	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_17777	LVDDSYNNLVSEEDNKK	AGAP007963-PA	N7(Deamidated)	150	1.45E-14	1	1981.935	-0.06	Male reproductive organs	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_18018	AFIDAHYK	AGAP007963-PA	-	54	6.01E-05	1	964.491	2.06	Larva	3R:+:3375017-3375040	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_18500	ATVIEGK	AGAP007963-PA	-	37	0.003438301	2	717.414	-0.94	Head	3R:+:3364659-3364679	exon=> In CDS Exon 2 of transcript AGAP007963-PA

JHU_Ag_20943	SYSWDQR	AGAP007963-PA	N-Term(Acetyl)	32	0.002535506	1	983.420	-2.18	Head	3R:+:3358458-3358478	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_22835	YQELYAQFMGNENAK	AGAP007963-PA	M9(Oxidation)	115	3.49E-11	1	1821.813	1.16	Male reproductive organs	3R:+:3375341-3375385	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_23247	SLWDEISALADFDKDGK	AGAP007963-PA	-	58	2.69E-05	1	1909.921	1.78	Pupa	3R:+:3364728-3364769,3366989-3366997	exon=> In CDS Exon 2 and 3 of transcript AGAP007963-PA
JHU_Ag_24728	SYSWDQR	AGAP007963-PA	N-Term(Acetyl)	44	0.000200559	2	983.422	0.73	Visceras	3R:+:3358458-3358478	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_24833	GGITLER	AGAP007963-PA	-	46	0.000687581	2	745.422	1.66	Malpighian tubule	3R:+:3375320-3375340	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_25923	LAVDDIKLVDDSYNNLVSEEDNK	AGAP007963-PA	-	133	8.66E-13	1	2608.265	0.81	Salivary gland	3R:+:3375107-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_26135	VEFIVR	AGAP007963-PA	-	41	0.000430271	2	762.451	-0.21	Midgut	3R:+:3358479-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_29079	QTCVGKPYSEFPK	AGAP007963-PA	C3(Carbamidomethyl)	69	1.86E-06	1	1540.745	-0.78	Head	3R:+:3367031-3367069	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_29657	LVDDSYNNLVSEEDNK	AGAP007963-PA	N7(Deamidated)	146	2.56E-14	1	1853.842	1.05	Male reproductive organs	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_34085	CPAIYLYGPIPE	AGAP007963-PA	C1(Carbamidomethyl)	48	0.000270299	1	1392.702	11.08	Malpighian tubule	3R:+:3375386-3375421	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_34331	CPAIYLYGPIPE	AGAP007963-PA	C1(Carbamidomethyl)	40	0.001695011	2	1392.689	1.64	Salivary gland	3R:+:3375386-3375421	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_34738	ITTDEFK	AGAP007963-PA	-	39	0.001343759	1	853.430	-0.26	Head	3R:+:3366998-3367018	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_35064	MMDINNDGLVSIEEYR	AGAP007963-PA	M1(Oxidation), M2(Oxidation), N5(Deamidated), N6(Deamidated),"M1(Oxidation), M2(Oxidation)"	120	7.98E-12	1	1930.859	3.3	Larva	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_37991	QTCVGKPYSEFPK	AGAP007963-PA	C3(Carbamidomethyl)	73	8.05E-07	1	1540.747	0.4	Visceras	3R:+:3367031-3367069	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_41245	LVDDSYNNLVSEEDNK	AGAP007963-PA	-	97	2.23E-09	1	1853.841	0.73	Ovary	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_41796	VEFIVR	AGAP007963-PA	-	46	9.84E-05	2	762.450	-0.53	Pupa	3R:+:3358479-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_41813	YQELYAQFMGNENAK	AGAP007963-PA	-	42	0.000792143	2	1805.821	2.61	Pupa	3R:+:3375341-3375385	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_42294	MMDINNDGLVSIEEYRYNCITR	AGAP007963-PA	C19(Carbamidomethyl)," M1(Oxidation), M2(Oxidation), C19(Carbamidomethyl)"	111	1.03E-10	1	2706.250	6.63	Malpighian tubule	3R:+:3375041-3375106	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_42726	MMDINNDGLVSIEEYR	AGAP007963-PA	M1(Oxidation), M2(Oxidation)	98	1.33E-09	1	1930.855	1.21	Male reproductive organs	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA

JHU_Ag_43208	HMYDIDNNGFLDNNDFQCMALR	AGAP007963-PA	C18(Carbamidomethyl), M19(Oxidation),"M2(Oxidation), C18(Carbamidomethyl), M19(Oxidation)","M2(Oxidation), N8(Deamidated), C18(Carbamidomethyl), M19(Oxidation)","M2(Oxidation), N7(Deamidated), C18(Carbamidomethyl), M19(Oxidation)","M2(Oxidation), C18(Carbamidomethyl)",C18(Carbamidomethyl)	135	1.11E-13	1	2719.142	3.26	Head	3R:+:3358497-3358506,3364603-3364658	exon=> In CDS Exon 1 and 2 of transcript AGAP007963-PA
JHU_Ag_43570	MMDINNDGLVSIEEYR	AGAP007963-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	124	4.35E-12	1	1898.858	-2.26	Pupa	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_44077	ITTDEFK	AGAP007963-PA	-	37	0.002178543	2	853.433	2.73	Visceras	3R:+:3366998-3367018	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_44762	ATVIEGKGEINPAR	AGAP007963-PA	-	105	2.11E-10	1	1454.798	1.22	Malpighian tubule	3R:+:3364659-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_45471	ATVIEGK	AGAP007963-PA	-	39	0.002950062	2	717.416	3.06	Visceras	3R:+:3364659-3364679	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_48132	ATVIEGKGEINPAR	AGAP007963-PA	-	73	3.49E-07	1	1454.796	-0.13	Pupa	3R:+:3364659-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_49025	QTCVGKPYSEFPK	AGAP007963-PA	C3(Carbamidomethyl)	56	3.83E-05	1	1540.746	-0.04	Salivary gland	3R:+:3367031-3367069	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_51797	CPAIYLYGPIPE	AGAP007963-PA	C1(Carbamidomethyl)	57	2.92E-05	2	1392.690	2.61	Visceras	3R:+:3375386-3375421	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_52614	ATVIEGKGEINPAR	AGAP007963-PA	-	104	2.84E-10	1	1454.797	0.29	Visceras	3R:+:3364659-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_53533	SYSWDQR	AGAP007963-PA	N-Term(Acetyl)	40	0.000523125	2	983.422	-0.14	Pupa	3R:+:3358458-3358478	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_54344	KGGITLER	AGAP007963-PA	-	51	0.000120753	2	873.510	-6.34	Head	3R:+:3375317-3375340	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_55458	LVDDSYNNLVSEEDNK	AGAP007963-PA	-	83	4.65E-08	1	1853.841	0.4	Salivary gland	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_56466	LVDDSYNNLVSEEDNKK	AGAP007963-PA	-	66	3.86E-06	2	1981.935	-0.18	Salivary gland	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_58203	QTCVGKPYSEFPK	AGAP007963-PA	C3(Carbamidomethyl)	65	4.50E-06	1	1540.745	-0.87	Ovary	3R:+:3367031-3367069	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_59957	YNCITR	AGAP007963-PA	C3(Carbamidomethyl)	40	0.000589375	2	826.386	-1.62	Head	3R:+:3375089-3375106	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_60634	LVDDSYNNLVSEEDNK	AGAP007963-PA	-	137	2.33E-13	1	1853.844	1.98	Pupa	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA

JHU_Ag_61643	MMDINNDGLVSIEEYR	AGAP007963-PA	M1(Oxidation), M2(Oxidation)	117	1.49E-11	2	1930.854	0.83	Ovary	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_63713	AFIDAHYKMMDINNDGLVSIEEYR	AGAP007963-PA	M9(Oxidation), M10(Oxidation)	51	0.000106882	1	2876.338	5.08	Malpighian tubule	3R:+:3375017-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_64336	HMYDIDNNGFLDNNDFQCMALR	AGAP007963-PA	M2(Oxidation), C18(Carbamidomethyl), M19(Oxidation),"M2(Oxidation), N8(Deamidated), C18(Carbamidomethyl), M19(Oxidation)","M2(Oxidation), N7(Deamidated), C18(Carbamidomethyl), M19(Oxidation)"	81	2.23E-08	1	2735.129	0.06	Salivary gland	3R:+:3358497-3358506,3364603-3364658	exon=> In CDS Exon 1 and 2 of transcript AGAP007963-PA
JHU_Ag_65962	LVDDSYNNLVSEEDNKK	AGAP007963-PA	-	135	4.54E-13	1	1981.941	2.96	Midgut	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_66426	LVDDSYNNLVSEEDNK	AGAP007963-PA	-	94	5.40E-09	2	1853.850	5.4	Malpighian tubule	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_66689	HMYDIDNNGFLDNNDFQCMALR	AGAP007963-PA	C18(Carbamidomethyl), M19(Oxidation),"M2(Oxidation), C18(Carbamidomethyl), M19(Oxidation)","M2(Oxidation), N8(Deamidated), C18(Carbamidomethyl), M19(Oxidation)","M2(Oxidation), N7(Deamidated), C18(Carbamidomethyl), M19(Oxidation)","M2(Oxidation), C18(Carbamidomethyl)","N8(Deamidated), C18(Carbamidomethyl)","N7(Deamidated), C18(Carbamidomethyl)","N8(Deamidated), C18(Carbamidomethyl), M19(Oxidation)",C18(Carbamidomethyl)	124	1.24E-12	1	2735.136	2.8	Visceras	3R:+:3358497-3358506,3364603-3364658	exon=> In CDS Exon 1 and 2 of transcript AGAP007963-PA
JHU_Ag_67307	VEFIVR	AGAP007963-PA	-	43	0.000227012	2	762.450	-1.81	Head	3R:+:3358479-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_67562	YQELYAQFMGNENAK	AGAP007963-PA	N13(Deamidated),M9(Oxidation)	138	2.21E-13	1	1805.822	3.29	Visceras	3R:+:3375341-3375385	exon=> In CDS Exon 5 of transcript AGAP007963-PA

JHU_Ag_67610	SLWDEISALADFDKDGK	AGAP007963-PA	-	58	2.74E-05	1	1909.918	0.05	Salivary gland	3R:+:3364728-3364769,3366989-3366997	exon=> In CDS Exon 2 and 3 of transcript AGAP007963-PA
JHU_Ag_68038	MMDINNDGLVSIEEYR	AGAP007963-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	124	3.70E-12	2	1914.859	1.05	Head	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_68583	MMDINNDGLVSIEEYR	AGAP007963-PA	M1(Oxidation), M2(Oxidation)	92	4.66E-09	2	1930.856	1.72	Salivary gland	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_68843	ATVIEGKGEINPAR	AGAP007963-PA	-	86	1.64E-08	1	1454.802	3.82	Larva	3R:+:3364659-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_70221	YQELYAQFMGNENAK	AGAP007963-PA	M9(Oxidation)	129	1.40E-12	1	1821.812	0.63	Head	3R:+:3375341-3375385	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_71160	SYSWDQRVEFIVR	AGAP007963-PA	N-Term(Acetyl)	36	0.003659292	1	1726.855	-0.08	Salivary gland	3R:+:3358458-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_71704	MMDINNDGLVSIEEYR	AGAP007963-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	134	4.37E-13	1	1898.866	2.05	Visceras	3R:+:3375041-3375088	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_72483	LAVDDIK	AGAP007963-PA	-	43	0.000547022	2	773.440	-0.99	Head	3R:+:3375107-3375127	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_73680	YNCITR	AGAP007963-PA	C3(Carbamidomethyl)	40	0.000614554	2	826.388	0.6	Visceras	3R:+:3375089-3375106	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_74378	LAVDDIK	AGAP007963-PA	-	52	0.000191224	2	773.441	0.98	Visceras	3R:+:3375107-3375127	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_75623	LVDDSYNNLVSEEDNK	AGAP007963-PA	N7(Deamidated),N8(Deamidated)	134	4.32E-13	1	1853.844	2.04	Visceras	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_77643	SYSWDQR	AGAP007963-PA	N-Term(Acetyl)	45	0.000154611	2	983.423	1.16	Salivary gland	3R:+:3358458-3358478	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_77687	YQELYAQFMGNENAK	AGAP007963-PA	M9(Oxidation)	126	2.97E-12	1	1821.816	2.77	Malpighian tubule	3R:+:3375341-3375385	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_79032	LVDDSYNNLVSEEDNKK	AGAP007963-PA	-	93	7.31E-09	2	1981.941	3.2	Ovary	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_81521	AFIDAHYK	AGAP007963-PA	-	45	0.000465698	1	964.488	-0.41	Male reproductive organs	3R:+:3375017-3375040	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_82779	LVDDSYNNLVSEEDNKK	AGAP007963-PA	-	150	1.51E-14	1	1981.933	-1.23	Head	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_83841	LVDDSYNNLVSEEDNKK	AGAP007963-PA	N7(Deamidated),N15(Deamidated),N8(Deamidated)	156	3.73E-15	1	1981.937	0.99	Visceras	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_84353	CPAIYLYGPIPE	AGAP007963-PA	C1(Carbamidomethyl)	55	5.69E-05	1	1392.688	1	Head	3R:+:3375386-3375421	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_84766	AFIDAHYK	AGAP007963-PA	-	50	0.000133393	1	964.491	1.93	Malpighian tubule	3R:+:3375017-3375040	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_85633	AFIDAHYK	AGAP007963-PA	-	50	0.000145203	1	964.487	-1.48	Salivary gland	3R:+:3375017-3375040	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_85688	GEINPAR	AGAP007963-PA	-	34	0.002265625	2	756.401	1.65	Visceras	3R:+:3364680-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_86568	ITTDEFK	AGAP007963-PA	-	36	0.002434004	2	853.431	1.23	Salivary gland	3R:+:3366998-3367018	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_89414	ATVIEGKGEINPAR	AGAP007963-PA	-	74	2.87E-07	1	1454.794	-1.22	Salivary gland	3R:+:3364659-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA

JHU_Ag_90442	LVDDSYNNLVSEEDNK	AGAP007963-PA	-	106	2.52E-10	2	1853.839	-0.46	Midgut	3R:+:3375128-3375160,3375302-3375316	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_91670	HMYDIDNNGFLDNNDFQCMALR	AGAP007963-PA	M2(Oxidation), C18(Carbamidomethyl), M19(Oxidation),"C18(Carbamidomethyl), M19(Oxidation)"	104	1.25E-10	1	2735.139	3.81	Malpighian tubule	3R:+:3358497-3358506,3364603-3364658	exon=> In CDS Exon 1 and 2 of transcript AGAP007963-PA
JHU_Ag_92973	LVDDSYNNLVSEEDNKK	AGAP007963-PA	-	141	1.08E-13	1	1981.935	-0.12	Pupa	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_93277	YNCITRLAVDDIK	AGAP007963-PA	C3(Carbamidomethyl)	40	0.001405049	1	1580.812	1.46	Visceras	3R:+:3375089-3375127	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_94118	VEFIVR	AGAP007963-PA	-	40	0.000456766	2	762.453	2.83	Larva	3R:+:3358479-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_94829	YQELYAQFMGNENAK	AGAP007963-PA	M9(Oxidation)	80	1.16E-07	2	1821.810	-0.45	Salivary gland	3R:+:3375341-3375385	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_94870	SLWDEISALADFDK	AGAP007963-PA	-	111	1.37E-10	2	1609.778	1.94	Head	3R:+:3364728-3364769	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_95595	VEFIVR	AGAP007963-PA	-	35	0.001576499	1	762.452	1.47	Salivary gland	3R:+:3358479-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_95802	GGITLER	AGAP007963-PA	-	57	5.18E-05	2	745.422	1.9	Visceras	3R:+:3375320-3375340	exon=> In CDS Exon 5 of transcript AGAP007963-PA
JHU_Ag_96804	SLWDEISALADFDK	AGAP007963-PA	-	88	2.42E-08	1	1609.774	-0.03	Ovary	3R:+:3364728-3364769	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_97459	SYSWDQR	AGAP007963-PA	N-Term(Acetyl)	52	2.81E-05	2	983.421	-0.51	Male reproductive organs	3R:+:3358458-3358478	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_98700	ITTDEFKQAVK	AGAP007963-PA	-	56	2.84E-05	1	1279.691	1.21	Malpighian tubule	3R:+:3366998-3367030	exon=> In CDS Exon 3 of transcript AGAP007963-PA
JHU_Ag_98745	AFIDAHYK	AGAP007963-PA	-	50	0.000134	1	964.489	-0.09	Pupa	3R:+:3375017-3375040	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_102891	SLWDEISALADFDKDGK	AGAP007963-PA	-	126	4.25E-12	1	1909.919	0.44	Head	3R:+:3364728-3364769,3366989-3366997	exon=> In CDS Exon 2 and 3 of transcript AGAP007963-PA
JHU_Ag_105348	YNCITR	AGAP007963-PA	C3(Carbamidomethyl)	35	0.001988656	2	826.388	0.75	Salivary gland	3R:+:3375089-3375106	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_105809	LAVDDIK	AGAP007963-PA	-	43	0.001525957	2	773.440	-0.36	Pupa	3R:+:3375107-3375127	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_105919	LVDDSYNNLVSEEDNKK	AGAP007963-PA	-	141	1.09E-13	1	1981.936	0.68	Malpighian tubule	3R:+:3375128-3375160,3375302-3375319	exon=> In CDS Exon 4 and 5 of transcript AGAP007963-PA
JHU_Ag_106952	ATVIEGKGEINPAR	AGAP007963-PA	-	101	5.75E-10	1	1454.800	2.64	Male reproductive organs	3R:+:3364659-3364700	exon=> In CDS Exon 2 of transcript AGAP007963-PA
JHU_Ag_107766	SLWDEISALADFDKDGK	AGAP007963-PA	-	63	8.91E-06	2	1909.920	1.15	Midgut	3R:+:3364728-3364769,3366989-3366997	exon=> In CDS Exon 2 and 3 of transcript AGAP007963-PA
JHU_Ag_107961	AFIDAHYK	AGAP007963-PA	-	50	0.000128856	1	964.488	-0.47	Visceras	3R:+:3375017-3375040	exon=> In CDS Exon 4 of transcript AGAP007963-PA
JHU_Ag_110121	SLWDEISALADFDKDGK	AGAP007963-PA	-	108	2.99E-10	1	1909.923	2.43	Larva	3R:+:3364728-3364769,3366989-3366997	exon=> In CDS Exon 2 and 3 of transcript AGAP007963-PA
JHU_Ag_113639	VEFIVR	AGAP007963-PA	-	45	0.000163208	2	762.451	-0.13	Visceras	3R:+:3358479-3358496	exon=> In CDS Exon 1 of transcript AGAP007963-PA
JHU_Ag_115659	QTCVGKPYSEFPK	AGAP007963-PA	C3(Carbamidomethyl)	82	1.07E-07	1	1540.745	-1.11	Male reproductive organs	3R:+:3367031-3367069	exon=> In CDS Exon 3 of transcript AGAP007963-PA

JHU_Ag_39336	DESVIQMPVDAMTAR	AGAP007965-PA	M7(Oxidation), M12(Oxidation)	56	3.44E-05	2	1694.774	1.16	Head	3R:-:3385126-3385082	exon=> In CDS Exon 2 of transcript AGAP007965-PA
JHU_Ag_120	VICVGDKSR	AGAP007966-PA	C3(Carbamidomethyl)	61	1.15E-05	1	1033.547	1.42	Malpighian tubule	3R:+:3387372-3387398	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_297	GELATDPNIK	AGAP007966-PA	-	54	5.01E-05	1	1057.552	-0.17	Midgut	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_1295	EGACSEQSSR	AGAP007966-PA	C4(Carbamidomethyl)	27	0.004279948	2	1110.447	-0.58	Midgut	3R:+:3387714-3387743	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_1531	ELIEIISGASALESK	AGAP007966-PA	-	91	6.78E-09	2	1559.860	4.74	Malpighian tubule	3R:+:3387840-3387884	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_5121	QARPYGVGAQQFYEK	AGAP007966-PA	Q10(Deamidated),Q1(Deamidated)	101	1.23E-09	1	1741.867	0.74	Head	3R:+:3387189-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_5166	LYIAITSDR	AGAP007966-PA	-	64	2.32E-06	2	1051.578	-0.56	Midgut	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_7938	LYIAITSDR	AGAP007966-PA	-	65	1.97E-06	2	1051.578	-0.44	Male reproductive organs	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_8248	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	121	1.23E-11	1	1843.896	3.66	Male reproductive organs	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_8276	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	107	2.85E-10	1	1843.893	1.94	Salivary gland	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_8795	GLCGAVHTGVAR	AGAP007966-PA	C3(Carbamidomethyl)	61	7.91E-06	1	1197.618	1.63	Visceras	3R:+:3387297-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_9571	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	112	9.45E-11	1	1843.893	1.94	Visceras	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_14139	SVVSYQVADIPIFSLK	AGAP007966-PA	-	125	2.24E-12	1	1765.965	-4.89	Midgut	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_15833	GELATDPNIK	AGAP007966-PA	-	50	0.000106508	2	1057.554	1.79	Male reproductive organs	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_15997	LYGNNIEMVANEIGR	AGAP007966-PA	N4(Deamidated), M8(Oxidation),"N4(Deamidated), N5(Deamidated), M8(Oxidation)"	129	2.37E-12	2	1692.837	-0.44	Midgut	3R:+:3387414-3387458	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_16928	ELIEIISGASALESK	AGAP007966-PA	-	122	5.29E-12	1	1559.860	4.35	Salivary gland	3R:+:3387840-3387884	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_18255	GELATDPNIK	AGAP007966-PA	-	52	7.48E-05	1	1057.552	-0.51	Head	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_18372	ELIEIISGASALESKD	AGAP007966-PA	-	136	3.01E-13	2	1674.887	4.43	Visceras	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_19385	ELIEIISGASALESK	AGAP007966-PA	-	103	4.38E-10	2	1559.852	-0.5	Ovary	3R:+:3387840-3387884	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_22244	LCNAILNLGYEYTDGKIIYNK	AGAP007966-PA	C2(Carbamidomethyl)	55	4.18E-05	1	2475.270	4.36	Pupa	3R:+:3387489-3387551	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_25867	SVVSYQVADIPIFSLK	AGAP007966-PA	Q6(Deamidated)	130	6.63E-13	1	1765.973	-0.05	Salivary gland	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_26005	ELIEIISGASALESKD	AGAP007966-PA	-	155	4.44E-15	2	1674.880	0.06	Midgut	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_26057	LCNAILNLGYEYTDGKIIYNK	AGAP007966-PA	C2(Carbamidomethyl)	62	7.65E-06	1	2475.266	2.73	Salivary gland	3R:+:3387489-3387551	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_26448	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	133	7.25E-13	1	1843.893	2.07	Midgut	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_27255	NAGEMIDK	AGAP007966-PA	M5(Oxidation)	45	0.000414099	2	893.403	-0.54	Salivary gland	3R:+:3387771-3387794	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_30223	GLCGAVHTGVAR	AGAP007966-PA	C3(Carbamidomethyl)	82	6.37E-08	1	1197.618	2.04	Male reproductive organs	3R:+:3387297-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA

JHU_Ag_31112	LYIAITSDRGLCGAVHTGVAR	AGAP007966-PA	C12(Carbamidomethyl)	106	2.64E-10	1	2230.185	4.04	Malpighian tubule	3R:+:3387270-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_31560	GLCGAVHTGVAR	AGAP007966-PA	C3(Carbamidomethyl)	78	1.81E-07	1	1197.617	1.02	Pupa	3R:+:3387297-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_34231	SVVSYQVADIPIFSLK	AGAP007966-PA	Q6(Deamidated)	130	5.38E-13	1	1765.978	2.78	Head	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_34326	NAGEMIDKLTLTFNR	AGAP007966-PA	M5(Oxidation)	113	8.11E-11	1	1738.879	-0.01	Male reproductive organs	3R:+:3387771-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_34934	LPPTFLDAAK	AGAP007966-PA	-	52	8.41E-05	1	1072.604	0.66	Head	3R:+:3387459-3387488	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_35715	MTAMDNASK	AGAP007966-PA	M4(Oxidation)	30	0.003497708	2	984.412	-1.03	Midgut	3R:+:3387744-3387770	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_36462	QARPYGVGAQQFYEK	AGAP007966-PA	-	66	3.83E-06	1	1741.866	0.04	Midgut	3R:+:3387189-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_37378	SVVSYQVADIPIFSLK	AGAP007966-PA	-	88	6.45E-09	2	1765.984	5.68	Larva	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_39143	LYIAITSDR	AGAP007966-PA	-	78	1.05E-07	2	1051.580	1.42	Pupa	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_39749	NAGEMIDKLTLTFNR	AGAP007966-PA	M5(Oxidation)	114	5.94E-11	1	1722.892	4.27	Malpighian tubule	3R:+:3387771-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_39898	KLYIAITSDR	AGAP007966-PA	-	52	3.01E-05	2	1179.674	0.74	Pupa	3R:+:3387267-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_40046	LPPTFLDAAK	AGAP007966-PA	-	46	0.000372577	2	1072.605	0.93	Ovary	3R:+:3387459-3387488	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_40087	ELIEIISGASALESKD	AGAP007966-PA	-	148	1.93E-14	2	1674.884	2.39	Head	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_41749	GLCGAVHTGVAR	AGAP007966-PA	C3(Carbamidomethyl)	53	5.48E-05	2	1197.616	0.41	Salivary gland	3R:+:3387297-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_43250	SVVSYQVADIPIFSLK	AGAP007966-PA	-	122	3.68E-12	1	1765.980	3.54	Malpighian tubule	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_43438	NAGEMIDKLTLTFNR	AGAP007966-PA	M5(Oxidation)	113	7.93E-11	1	1738.881	0.83	Head	3R:+:3387771-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_43832	NAGEMIDKLTLTFNR	AGAP007966-PA	M5(Oxidation)	104	6.01E-10	1	1738.879	-0.36	Midgut	3R:+:3387771-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_44022	LYIAITSDR	AGAP007966-PA	-	49	8.45E-05	2	1051.578	0.14	Malpighian tubule	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_44051	LPPTFLDAAK	AGAP007966-PA	-	59	1.61E-05	1	1072.605	1.35	Pupa	3R:+:3387459-3387488	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_44738	GLCGAVHTGVAR	AGAP007966-PA	C3(Carbamidomethyl)	89	1.37E-08	1	1197.617	1.13	Malpighian tubule	3R:+:3387297-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_46050	LYIAITSDR	AGAP007966-PA	-	53	3.11E-05	1	1051.577	-1.37	Salivary gland	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_46190	LPPTFLDAAK	AGAP007966-PA	-	60	1.40E-05	1	1072.603	-1.16	Midgut	3R:+:3387459-3387488	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_48549	QARPYGVGAQQFYEK	AGAP007966-PA	-	88	2.47E-08	1	1741.868	1.54	Malpighian tubule	3R:+:3387189-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_49372	LYIAITSDR	AGAP007966-PA	-	57	1.31E-05	2	1051.578	-0.21	Head	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_49401	LPPTFLDAAK	AGAP007966-PA	-	52	9.32E-05	2	1072.605	1.16	Salivary gland	3R:+:3387459-3387488	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_50821	GELATDPNIK	AGAP007966-PA	-	53	5.38E-05	1	1057.553	0.52	Pupa	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_51723	LTLTFNR	AGAP007966-PA	-	40	0.00105513	2	864.495	1.28	Ovary	3R:+:3387795-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_52364	ELIEIISGASALESKD	AGAP007966-PA	-	124	5.67E-12	2	1674.886	3.92	Pupa	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA

JHU_Ag_52368	LPPTFLDAAK	AGAP007966-PA	-	39	0.001503889	1	1072.605	1.16	Malpighian tubule	3R:+:3387459-3387488	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_52807	YIRGELATDPNIK	AGAP007966-PA	-	61	9.91E-06	1	1489.801	0.06	Head	3R:+:3387333-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_54220	LTLTFNR	AGAP007966-PA	-	41	0.000849779	2	864.495	1.85	Malpighian tubule	3R:+:3387795-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_54499	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	130	1.38E-12	1	1843.896	3.6	Malpighian tubule	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_55329	ELIEIISGASALESKD	AGAP007966-PA	-	122	7.91E-12	1	1674.889	5.38	Malpighian tubule	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_55581	MTAMDNASK	AGAP007966-PA	-	43	0.000238234	2	968.416	-1.69	Head	3R:+:3387744-3387770	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_55731	NAGEMIDKLTLTFNR	AGAP007966-PA	M5(Oxidation)	60	1.64E-05	2	1738.878	-0.85	Pupa	3R:+:3387771-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_55791	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), N7(Deamidated)"	130	1.42E-12	1	1843.895	3	Head	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_56273	ELIEIISGASALESKD	AGAP007966-PA	-	129	1.53E-12	2	1674.882	1.66	Salivary gland	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_56625	GLCGAVHTGVAR	AGAP007966-PA	C3(Carbamidomethyl)	86	2.97E-08	1	1197.618	2.25	Head	3R:+:3387297-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_62677	SVVSYQVADIPIFSLK	AGAP007966-PA	-	98	9.21E-10	1	1765.979	3.33	Visceras	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_62939	NAGEMIDKLTLTFNR	AGAP007966-PA	M5(Oxidation)	104	6.33E-10	1	1738.880	0.62	Salivary gland	3R:+:3387771-3387815	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_64705	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	117	3.50E-11	1	1843.895	3.07	Pupa	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_66852	SVVSYQVADIPIFSLK	AGAP007966-PA	-	101	4.14E-10	2	1765.980	3.82	Pupa	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_67523	LYIAITSDR	AGAP007966-PA	-	54	2.75E-05	2	1051.579	0.83	Visceras	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_67876	QARPYGVGAQQFYEK	AGAP007966-PA	-	82	9.43E-08	1	1741.868	1.16	Visceras	3R:+:3387189-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_71453	AEVAPKEEDSK	AGAP007966-PA	-	51	0.000109992	1	1202.590	0.02	Malpighian tubule	3R:+:3387234-3387266	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_71850	DLKQARPYGVGAQQFYEK	AGAP007966-PA	-	113	5.59E-11	1	2098.077	2.53	Malpighian tubule	3R:+:3387180-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_73346	GELATDPNIK	AGAP007966-PA	-	54	4.93E-05	1	1057.553	0.48	Salivary gland	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_74039	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	131	1.34E-12	1	1843.888	-0.77	Ovary	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_79063	DLKQARPYGVGAQQFYEK	AGAP007966-PA	-	69	1.83E-06	1	2098.072	0.09	Head	3R:+:3387180-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_80550	ELIEIISGASALESKD	AGAP007966-PA	-	62	9.60E-06	2	1674.879	-0.38	Ovary	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_83786	ELIEIISGASALESKD	AGAP007966-PA	-	124	5.13E-12	1	1674.882	1.3	Male reproductive organs	3R:+:3387840-3387887	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_85616	GELATDPNIK	AGAP007966-PA	-	53	5.43E-05	1	1057.553	0.29	Visceras	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_87138	LPPTFLDAAK	AGAP007966-PA	-	62	1.02E-05	1	1072.604	-0.09	Male reproductive organs	3R:+:3387459-3387488	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_88815	VICVGDK	AGAP007966-PA	C3(Carbamidomethyl)	43	0.000741336	2	790.412	-1.27	Head	3R:+:3387372-3387392	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_92122	GELATDPNIK	AGAP007966-PA	-	42	0.000675378	1	1057.550	-2.48	Ovary	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA

JHU_Ag_94776	QARPYGVGAQQFYEK	AGAP007966-PA	-	63	6.81E-06	1	1741.867	0.67	Salivary gland	3R:+:3387189-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_95158	GELATDPNIK	AGAP007966-PA	-	52	7.63E-05	1	1057.553	0.41	Malpighian tubule	3R:+:3387342-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_95666	VICVGDK	AGAP007966-PA	C3(Carbamidomethyl)	47	0.000408088	1	790.414	1.2	Male reproductive organs	3R:+:3387372-3387392	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_95840	FKSVVSYQVADIPIFSLK	AGAP007966-PA	-	82	2.91E-08	2	2041.141	1.9	Malpighian tubule	3R:+:3387552-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_95916	LYIAITSDR	AGAP007966-PA	-	66	1.87E-06	2	1051.579	0.72	Ovary	3R:+:3387270-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_96106	GLCGAVHTGVAR	AGAP007966-PA	C3(Carbamidomethyl)	89	1.26E-08	1	1197.619	3.06	Larva	3R:+:3387297-3387332	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_96876	YIRGELATDPNIK	AGAP007966-PA	-	56	3.53E-05	1	1489.801	-0.05	Malpighian tubule	3R:+:3387333-3387371	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_101428	SVVSYQVADIPIFSLK	AGAP007966-PA	-	112	3.45E-11	1	1765.975	0.78	Ovary	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_102205	FKSVVSYQVADIPIFSLK	AGAP007966-PA	-	59	4.94E-06	1	2041.146	4.46	Head	3R:+:3387552-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_103914	FKSVVSYQVADIPIFSLK	AGAP007966-PA	-	28	0.006567331	1	2041.141	1.86	Midgut	3R:+:3387552-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_104685	QARPYGVGAQQFYEK	AGAP007966-PA	-	76	3.96E-07	1	1741.867	0.53	Pupa	3R:+:3387189-3387233	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_105688	MTAMDNASK	AGAP007966-PA	M1(Oxidation)	55	1.27E-05	2	984.416	3.19	Malpighian tubule	3R:+:3387744-3387770	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_106905	LCNAILNLGYEYTDGKIIYNK	AGAP007966-PA	C2(Carbamidomethyl)	86	3.41E-08	1	2475.263	1.48	Head	3R:+:3387489-3387551	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_107483	LCNAILNLGYEYTDGK	AGAP007966-PA	C2(Carbamidomethyl)	92	9.33E-09	2	1843.901	6.38	Larva	3R:+:3387489-3387536	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_107630	KLYIAITSDR	AGAP007966-PA	-	40	0.000569369	2	1179.672	-0.81	Midgut	3R:+:3387267-3387296	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_108936	ELIEIISGASALESK	AGAP007966-PA	-	88	1.88E-08	1	1559.850	-1.6	Pupa	3R:+:3387840-3387884	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_111338	NAGEMIDK	AGAP007966-PA	-	40	0.001355718	1	877.408	-0.91	Head	3R:+:3387771-3387794	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_114629	ELIEIISGASALESK	AGAP007966-PA	-	140	7.78E-14	1	1559.854	1.06	Head	3R:+:3387840-3387884	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_116018	SVVSYQVADIPIFSLK	AGAP007966-PA	-	115	2.01E-11	1	1765.977	1.88	Male reproductive organs	3R:+:3387558-3387605	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_117222	LCNAILNLGYEYTDGKIIYNK	AGAP007966-PA	C2(Carbamidomethyl)	61	8.36E-06	1	2475.280	8.5	Malpighian tubule	3R:+:3387489-3387551	exon=> In CDS Exon 2 of transcript AGAP007966-PA
JHU_Ag_11389	YNAHGATDVTGFGLLGHAQTLASHQK	AGAP007967-PA	-	73	7.43E-07	1	2694.336	-1.04	Pupa	3R:-:3389222-3389145	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_12841	VIEVPAKD	AGAP007967-PA	-	35	0.001967494	1	870.496	3.09	Ovary	3R:-:3388889-3388866	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_14272	RPFDPTAHDLDASFRLTR	AGAP007967-PA	-	77	2.93E-07	1	2115.077	1.98	Malpighian tubule	3R:-:3390054-3390001	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_15632	IGIGLDCSVIPLR	AGAP007967-PA	C7(Carbamidomethyl)	82	5.49E-08	1	1412.792	-0.56	Midgut	3R:-:3389874-3389836	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_17067	LVVSEEDVR	AGAP007967-PA	-	44	0.000703346	2	1045.553	0.65	Ovary	3R:-:3389318-3389292	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_18352	YNAHGATDVTGFGLLGHAQTLASHQK	AGAP007967-PA	-	143	7.29E-14	1	2694.341	0.87	Ovary	3R:-:3389222-3389145	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_28065	YNAHGATDVTGFGLLGHAQTLASHQK	AGAP007967-PA	-	57	3.06E-05	1	2694.343	1.86	Salivary gland	3R:-:3389222-3389145	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_29107	ALGTQVAVNAHQWLDQSER	AGAP007967-PA	-	72	1.07E-06	1	2123.067	1.77	Midgut	3R:-:3389390-3389334	exon=> In CDS Exon 2 of transcript AGAP007967-PA

JHU_Ag_32910	NEVSFVIHNLPVIAK	AGAP007967-PA	-	121	2.54E-12	1	1679.952	2.21	Ovary	3R:-:3389144-3389100	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_33953	RPFDPTAHDLDASFR	AGAP007967-PA	-	45	0.000452 54	2	1744.843	1.55	Head	3R:-:3390054-3390010	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_34616	IGIGLDCSVIPLR	AGAP007967-PA	C7(Carbamidomethyl)	44	0.000248 604	2	1412.798	3.33	Pupa	3R:-:3389874-3389836	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_39361	ERDVVIPLIMR	AGAP007967-PA	-	42	0.000332 512	2	1340.776	3.24	Head	3R:-:3389658-3389626	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_47229	LVSSLQQDYMQDPDQPFMPMSSPR	AGAP007967-PA	M10(Oxidation), M18(Oxidation), M20(Oxidation)	115	2.17E-11	1	2845.250	0.82	Ovary	3R:-:3389946-3389875	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_49520	NEVSFVIHNLPVIAK	AGAP007967-PA	-	83	1.67E-08	1	1679.954	3.3	Male reproductive organs	3R:-:3389144-3389100	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_49612	YNAHGATDVTGFGLLGHAQTLASHQK	AGAP007967-PA	-	98	2.37E-09	1	2694.337	-0.67	Midgut	3R:-:3389222-3389145	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_50244	ALGTQVAVNAHQWLDQSER	AGAP007967-PA	-	94	6.58E-09	1	2123.066	1.51	Male reproductive organs	3R:-:3389390-3389334	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_58483	RPFDPTAHDLDASFR	AGAP007967-PA	-	44	0.000593 801	1	1744.842	0.91	Salivary gland	3R:-:3390054-3390010	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_63221	IGIGLDCSVIPLR	AGAP007967-PA	C7(Carbamidomethyl)	75	2.56E-07	1	1412.793	-0.39	Head	3R:-:3389874-3389836	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_63778	NEVSFVIHNLPVIAK	AGAP007967-PA	-	94	1.40E-09	1	1679.955	4.32	Head	3R:-:3389144-3389100	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_64377	ALGTQVAVNAHQWLDQSER	AGAP007967-PA	-	125	4.91E-12	1	2123.070	3.23	Pupa	3R:-:3389390-3389334	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_64733	ALGTQVAVNAHQWLDQSERWNR	AGAP007967-PA	-	101	9.56E-10	1	2579.296	3.66	Malpighian tubule	3R:-:3389390-3389325	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_65681	IACANVLSDLYAMGVTEVDNMLMLLAVSTK	AGAP007967-PA	C3(Carbamidomethyl), M13(Oxidation), M21(Oxidation), M23(Oxidation)	123	5.57E-12	1	3290.600	-0.96	Ovary	3R:-:3389760-3389671	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_68260	RPFDPTAHDLDASFR	AGAP007967-PA	-	41	0.001269 525	1	1744.842	1.23	Visceras	3R:-:3390054-3390010	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_68940	NEVSFVIHNLPVIAK	AGAP007967-PA	-	77	6.52E-08	1	1679.952	2.14	Malpighian tubule	3R:-:3389144-3389100	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_70936	RPFDPTAHDLDASFR	AGAP007967-PA	-	56	3.62E-05	1	1744.845	2.49	Male reproductive organs	3R:-:3390054-3390010	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_88458	LVVSEEDVRK	AGAP007967-PA	-	64	5.56E-06	1	1173.647	-0.77	Ovary	3R:-:3389318-3389289	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_91161	NEVSFVIHNLPVIAK	AGAP007967-PA	-	68	5.07E-07	1	1679.950	1.08	Pupa	3R:-:3389144-3389100	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_94403	VIEVPAKD	AGAP007967-PA	-	47	0.000117 809	1	870.493	0.34	Malpighian tubule	3R:-:3388889-3388866	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_97114	NEVSFVIHNLPVIAK	AGAP007967-PA	-	111	2.97E-11	1	1679.947	-0.48	Midgut	3R:-:3389144-3389100	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_97814	RPFDPTAHDLDASFR	AGAP007967-PA	-	92	1.04E-08	1	1744.841	0.18	Ovary	3R:-:3390054-3390010	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_103210	YNAHGATDVTGFGLLGHAQTLASHQK	AGAP007967-PA	-	88	2.26E-08	1	2694.348	3.59	Head	3R:-:3389222-3389145	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_105471	IGIGLDCSVIPLR	AGAP007967-PA	C7(Carbamidomethyl)	97	1.38E-09	1	1412.799	4.36	Malpighian tubule	3R:-:3389874-3389836	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_109345	IGIGLDCSVIPLR	AGAP007967-PA	C7(Carbamidomethyl)	94	3.08E-09	1	1412.794	0.48	Ovary	3R:-:3389874-3389836	exon=> In CDS Exon 1 of transcript AGAP007967-PA
JHU_Ag_115381	IGIGLDCSVIPLR	AGAP007967-PA	C7(Carbamidomethyl)	92	4.78E-09	1	1412.793	0.22	Male reproductive organs	3R:-:3389874-3389836	exon=> In CDS Exon 1 of transcript AGAP007967-PA

JHU_Ag_117805	YNAHGATDVTGFGLLGHAQTLASHQK	AGAP007967-PA	-	67	3.11E-06	1	2694.343	1.77	Malpighian tubule	3R:-:3389222-3389145	exon=> In CDS Exon 2 of transcript AGAP007967-PA
JHU_Ag_48742	ILDEILQQH	AGAP007968-PA	-	60	0.000011 6	2	1108.600	0.36	Head	3R:+:3393207-3393233	exon=> In CDS Exon 3 of transcript AGAP007968-PA
JHU_Ag_9526	LVEIQER	AGAP007968-PB,AGAP007968-PA	-	54	5.12E-05	2	886.500	0.7	Larva	3R:+:3392013-3392033;3R:+:3392013-3392033	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_25695	AKHDGGDAAWEEER	AGAP007968-PB,AGAP007968-PA	-	61	6.81E-06	2	1570.694	3.88	Larva	3R:+:3391941-3391982;3R:+:3391941-3391982	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_57010	LCTDIVR	AGAP007968-PB,AGAP007968-PA	C2(Carbamidomethyl)	35	0.005203 32	1	876.464	3.2	Larva	3R:+:3392034-3392054;3R:+:3392034-3392054	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_77642	GEDQCHQLAEDYETQIEEWWK	AGAP007968-PB,AGAP007968-PA	C5(Carbamidomethyl)	73	3.14E-07	1	2694.157	5.62	Larva	3R:+:3392055-3392117;3R:+:3392055-3392117	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_97968	LVEIQER	AGAP007968-PB,AGAP007968-PA	-	48	0.000199 274	2	886.500	0.77	Salivary gland	3R:+:3392013-3392033;3R:+:3392013-3392033	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_98170	ACTVLVNSFR	AGAP007968-PB,AGAP007968-PA	C2(Carbamidomethyl)	55	4.34E-05	2	1166.602	3.01	Larva	3R:+:3391887-3391916;3R:+:3391887-3391916	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_108599	ACTVLVNSFR	AGAP007968-PB,AGAP007968-PA	C2(Carbamidomethyl)	47	0.000238 124	2	1166.602	2.91	Salivary gland	3R:+:3391887-3391916;3R:+:3391887-3391916	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_112013	LCTDIVR	AGAP007968-PB,AGAP007968-PA	C2(Carbamidomethyl)	54	7.01E-05	2	876.462	0.97	Salivary gland	3R:+:3392034-3392054;3R:+:3392034-3392054	exon=> In CDS Exon 1 of transcript AGAP007968-PB;exon=> In CDS Exon 1 of transcript AGAP007968-PA
JHU_Ag_3084	TTIPHYYLTVDVNMDQVTK	AGAP007975-PA	M14(Oxidation)	98	3.18E-09	1	2254.105	-0.57	Midgut	3R:+:3620025-3620081	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_3758	GSGLFGSLTSKDLAGMQAAGAAPSAG GAPATAASIPAGAAYVDLPVSNIR	AGAP007975-PA	-	35	0.001381 06	3	4585.347	2.34	Malpighian tubule	3R:+:3619842-3619991	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_7810	ILVPAGQK	AGAP007975-PA	-	30	0.001652 418	2	825.517	-2.34	Head	3R:+:3619373-3619396	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_9929	GIADISKDVK	AGAP007975-PA	-	57	2.42E-05	1	1045.589	0.05	Malpighian tubule	3R:+:3620304-3620333	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_10797	GLITPIVFSADR	AGAP007975-PA	-	59	1.30E-05	2	1288.727	0.54	Male reproductive organs	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_13469	GSGLFGSLTSK	AGAP007975-PA	-	67	1.89E-06	1	1053.556	-1.4	Head	3R:+:3619842-3619874	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_14371	LSINDFVIK	AGAP007975-PA	-	54	3.37E-05	1	1048.604	-0.08	Midgut	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_16418	ILVPAGQK	AGAP007975-PA	-	26	0.003912 767	1	825.518	-1.23	Malpighian tubule	3R:+:3619373-3619396	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_16522	VLLPALSPTMELGTIVSWEK	AGAP007975-PA	M10(Oxidation)	99	7.16E-10	1	2184.201	1.1	Head	3R:+:3618946-3619005	exon=> In CDS Exon 2 of transcript AGAP007975-PA
JHU_Ag_17002	ESDYVSVTLSCDHR	AGAP007975-PA	C11(Carbamidomethyl)	68	1.08E-06	1	1667.734	0.76	Malpighian tubule	3R:+:3620608-3620649	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_18669	QFLEDPNSMLL	AGAP007975-PA	M9(Oxidation)	41	0.001203 605	2	1322.632	2.08	Visceras	3R:+:3620695-3620727	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_18984	LSINDFVIK	AGAP007975-PA	-	66	1.35E-06	1	1048.606	1.9	Malpighian tubule	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_19070	VLLPALSPTMELGTIVSWEKK	AGAP007975-PA	-	56	4.75E-06	1	2312.305	4.84	Head	3R:+:3618946-3619008	exon=> In CDS Exon 2 of transcript AGAP007975-PA

JHU_Ag_19979	VPEANSAWMDTVIR	AGAP007975-PA	M9(Oxidation)	98	2.56E-09	1	1588.779	0.36	Head	3R:+:3620178-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_20098	LQPQEFQGGTFSVSNLGMFGVTHFCAIINPPQSCILAVGGTQK	AGAP007975-PA	C25(Carbamidomethyl), C34(Carbamidomethyl)	31	0.005574831	1	4636.299	4.43	Visceras	3R:+:3620364-3620492	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_23019	GSGLFGSLTSK	AGAP007975-PA	-	68	1.54E-06	1	1053.557	-0.59	Male reproductive organs	3R:+:3619842-3619874	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_23484	GLITPIVFSADR	AGAP007975-PA	-	61	7.82E-06	2	1288.725	-0.5	Midgut	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_24109	LSINDFVIK	AGAP007975-PA	-	60	5.58E-06	2	1048.606	1.66	Visceras	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_27013	LSINDFVIK	AGAP007975-PA	-	60	8.43E-06	2	1048.602	-1.83	Male reproductive organs	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_27748	QFDAVDVSVAVSTDR	AGAP007975-PA	Q1(Deamidated)	93	8.68E-09	1	1608.789	1.49	Visceras	3R:+:3620220-3620264	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_28240	TVDGAVGAR	AGAP007975-PA	-	66	5.41E-06	2	845.448	-0.06	Visceras	3R:+:3620650-3620676	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_29846	VLLPALSPTMELGTIVSWEK	AGAP007975-PA	M10(Oxidation)	107	1.09E-10	2	2184.197	-0.58	Midgut	3R:+:3618946-3619005	exon=> In CDS Exon 2 of transcript AGAP007975-PA
JHU_Ag_32557	QFDAVDVSVAVSTDR	AGAP007975-PA	-	71	1.42E-06	2	1608.789	1.49	Head	3R:+:3620220-3620264	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_34087	TVDGAVGAR	AGAP007975-PA	-	70	2.19E-06	2	845.447	-1.22	Head	3R:+:3620650-3620676	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_34356	VLLPALSPTMELGTIVSWEK	AGAP007975-PA	M10(Oxidation)	134	2.25E-13	1	2200.199	2.52	Visceras	3R:+:3618946-3619005	exon=> In CDS Exon 2 of transcript AGAP007975-PA
JHU_Ag_36068	TTIPHYYLTVDVNMDQVTK	AGAP007975-PA	M14(Oxidation)	71	1.56E-06	1	2254.105	-0.63	Ovary	3R:+:3620025-3620081	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_37162	GLITPIVFSADR	AGAP007975-PA	-	57	1.84E-05	1	1288.727	0.64	Salivary gland	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_38034	QFDAVDVSVAVSTDR	AGAP007975-PA	-	47	0.000328117	2	1608.789	1.56	Salivary gland	3R:+:3620220-3620264	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_38296	GLITPIVFSADRK	AGAP007975-PA	-	88	4.58E-09	1	1416.822	0.84	Head	3R:+:3620265-3620303	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_39754	GSGLFGSLTSK	AGAP007975-PA	-	39	0.001249209	2	1053.557	-0.12	Midgut	3R:+:3619842-3619874	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_42517	GLITPIVFSADRK	AGAP007975-PA	-	82	1.91E-08	1	1416.823	1.44	Visceras	3R:+:3620265-3620303	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_45607	ESDYVSVTLSCDHR	AGAP007975-PA	C11(Carbamidomethyl)	96	1.85E-09	1	1667.734	0.69	Visceras	3R:+:3620608-3620649	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_45683	VLLPALSPTMELGTIVSWEK	AGAP007975-PA	M10(Oxidation)	68	7.38E-07	1	2200.208	6.62	Salivary gland	3R:+:3618946-3619005	exon=> In CDS Exon 2 of transcript AGAP007975-PA
JHU_Ag_46003	GLITPIVFSADR	AGAP007975-PA	-	56	1.86E-05	1	1288.732	4.52	Larva	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_47515	ILVPAGQKDVPIGK	AGAP007975-PA	-	90	6.98E-10	1	1434.869	1.03	Malpighian tubule	3R:+:3619373-3619414	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_52345	GLITPIVFSADRK	AGAP007975-PA	-	69	4.33E-07	1	1416.818	-2.09	Malpighian tubule	3R:+:3620265-3620303	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_53621	TTIPHYYLTVDVNMDQVTK	AGAP007975-PA	M14(Oxidation)	67	3.57E-06	1	2254.107	0.26	Male reproductive organs	3R:+:3620025-3620081	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_58798	ESDYVSVTLSCDHR	AGAP007975-PA	C11(Carbamidomethyl)	96	1.92E-09	1	1667.734	0.76	Head	3R:+:3620608-3620649	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_59478	KVPEANSAWMDTVIR	AGAP007975-PA	M10(Oxidation)	71	1.17E-06	1	1732.869	0.17	Male reproductive organs	3R:+:3620175-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_60058	GLITPIVFSADRK	AGAP007975-PA	-	69	3.59E-07	1	1416.824	2.13	Pupa	3R:+:3620265-3620303	exon=> In CDS Exon 4 of transcript AGAP007975-PA

JHU_Ag_61159	KVPEANSAWMDTVIR	AGAP007975-PA	M10(Oxidation)	111	1.29E-10	1	1716.876	1.26	Malpighian tubule	3R:+:3620175-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_61952	KVPEANSAWMDTVIR	AGAP007975-PA	M10(Oxidation),N6(Deamidated)	101	1.41E-09	1	1716.878	2.33	Visceras	3R:+:3620175-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_66381	LVCIIVENEADVAAFK	AGAP007975-PA	C3(Carbamidomethyl)	123	5.47E-12	1	1790.939	1.73	Visceras	3R:+:3619415-3619462	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_66510	GLITPIVFSADR	AGAP007975-PA	-	80	9.02E-08	1	1288.728	1.68	Visceras	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_67346	GSGLFGSLTSK	AGAP007975-PA	-	44	0.000425425	2	1053.558	0.69	Visceras	3R:+:3619842-3619874	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_68605	VPEANSAWMDTVIR	AGAP007975-PA	M9(Oxidation)	106	3.53E-10	1	1604.778	2.92	Salivary gland	3R:+:3620178-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_69549	VPEANSAWMDTVIR	AGAP007975-PA	-	94	6.07E-09	1	1588.783	2.67	Malpighian tubule	3R:+:3620178-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_71374	LVPDKDSEK	AGAP007975-PA	-	45	0.000596594	1	1030.543	1.28	Malpighian tubule	3R:+:3620496-3620522	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_71717	GLITPIVFSADRK	AGAP007975-PA	-	57	5.44E-06	1	1416.821	0.24	Salivary gland	3R:+:3620265-3620303	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_72099	VYASPMAK	AGAP007975-PA	-	39	0.001230278	1	866.445	0.99	Malpighian tubule	3R:+:3619640-3619663	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_72670	TTIPHYYLTVDVNMDQVTK	AGAP007975-PA	M14(Oxidation)	80	1.78E-07	1	2238.119	3.59	Visceras	3R:+:3620025-3620081	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_73616	VLLPALSPTMELGTIVSWEKK	AGAP007975-PA	M10(Oxidation)	36	0.000742715	1	2328.297	3.5	Malpighian tubule	3R:+:3618946-3619008	exon=> In CDS Exon 2 of transcript AGAP007975-PA
JHU_Ag_74191	KVPEANSAWMDTVIR	AGAP007975-PA	M10(Oxidation)	105	5.59E-10	1	1732.869	0.17	Head	3R:+:3620175-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_74193	ESDYVSVTLSCDHR	AGAP007975-PA	C11(Carbamidomethyl)	90	7.07E-09	1	1667.735	1.28	Salivary gland	3R:+:3620608-3620649	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_75789	VPEANSAWMDTVIR	AGAP007975-PA	M9(Oxidation)	111	1.08E-10	1	1604.776	1.25	Visceras	3R:+:3620178-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_76000	DVPIGK	AGAP007975-PA	-	27	0.004302827	1	628.367	0.43	Midgut	3R:+:3619397-3619414	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_76581	DLAGMQAAGAAPSAGGAPATAASIPAGAAYVDLPVSNIR	AGAP007975-PA	M5(Oxidation)	124	2.88E-12	1	3566.791	-0.14	Ovary	3R:+:3619875-3619991	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_79280	LSINDFVIK	AGAP007975-PA	-	57	1.51E-05	1	1048.604	0.62	Salivary gland	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_79944	DVPIGK	AGAP007975-PA	-	31	0.001509225	1	628.367	0.82	Head	3R:+:3619397-3619414	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_80473	QFLEDPNSMLL	AGAP007975-PA	M9(Oxidation)	52	9.64E-05	2	1322.630	0.32	Malpighian tubule	3R:+:3620695-3620727	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_83951	LSINDFVIK	AGAP007975-PA	-	53	3.83E-05	1	1048.604	0.5	Ovary	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_89507	KVPEANSAWMDTVIR	AGAP007975-PA	M10(Oxidation)	97	3.46E-09	1	1716.869	-2.58	Midgut	3R:+:3620175-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_90636	TTIPHYYLTVDVNMDQVTK	AGAP007975-PA	M14(Oxidation)	75	5.26E-07	1	2254.109	1.4	Salivary gland	3R:+:3620025-3620081	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_90988	GSGLFGSLTSK	AGAP007975-PA	-	57	1.92E-05	1	1053.556	-1.17	Salivary gland	3R:+:3619842-3619874	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_97084	GLITPIVFSADR	AGAP007975-PA	-	64	4.27E-06	1	1288.726	0.16	Head	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_98138	TVDGAVGAR	AGAP007975-PA	-	74	9.54E-07	2	845.448	0.15	Malpighian tubule	3R:+:3620650-3620676	exon=> In CDS Exon 5 of transcript AGAP007975-PA
JHU_Ag_99236	TTIPHYYLTVDVNMDQVTK	AGAP007975-PA	M14(Oxidation)	88	2.38E-08	1	2238.116	2.35	Malpighian tubule	3R:+:3620025-3620081	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_99835	VLLPALSPTMELGTIVSWEK	AGAP007975-PA	M10(Oxidation)	73	2.28E-07	2	2200.206	5.73	Larva	3R:+:3618946-3619005	exon=> In CDS Exon 2 of transcript AGAP007975-PA

JHU_Ag_99923	EGVKLSINDFVIK	AGAP007975-PA	-	74	1.64E-07	1	1461.835	2.5	Malpighian tubule	3R:+:3620115-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_101782	LVCIIVENEADVAAFK	AGAP007975-PA	C3(Carbamidomethyl)	91	1.02E-08	2	1790.947	6.23	Head	3R:+:3619415-3619462	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_102140	VPEANSAWMDTVIR	AGAP007975-PA	M9(Oxidation)	97	3.12E-09	1	1604.770	-2.1	Midgut	3R:+:3620178-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_102500	KVPEANSAWMDTVIR	AGAP007975-PA	M10(Oxidation)	59	2.12E-05	1	1732.868	-0.23	Salivary gland	3R:+:3620175-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_102565	DLAGMQAAGAAPSAGGAPATAASIP AGAAYVDLPVSNIR	AGAP007975-PA	M5(Oxidation)	137	1.63E-13	1	3566.798	1.92	Malpighian tubule	3R:+:3619875-3619991	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_102991	TTIPHYYLTVDVNMDQVTK	AGAP007975-PA	M14(Oxidation)	103	8.68E-10	1	2254.111	2.21	Head	3R:+:3620025-3620081	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_103548	RLVPDK	AGAP007975-PA	-	31	0.002924587	2	727.442	-6.19	Head	3R:+:3620493-3620510	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_104428	VLLPALSPTMELGTIVSWEKK	AGAP007975-PA	-	45	5.93E-05	1	2312.300	2.62	Visceras	3R:+:3618946-3619008	exon=> In CDS Exon 2 of transcript AGAP007975-PA
JHU_Ag_105315	GLITPIVFSADRK	AGAP007975-PA	-	86	7.82E-09	2	1416.821	0.06	Midgut	3R:+:3620265-3620303	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_107445	GSGLFGSLTSK	AGAP007975-PA	-	67	1.57E-06	1	1053.559	1.73	Malpighian tubule	3R:+:3619842-3619874	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_107650	VYASPMAK	AGAP007975-PA	M6(Oxidation)	44	0.000433 87	2	882.437	-2.28	Head	3R:+:3619640-3619663	exon=> In CDS Exon 3 of transcript AGAP007975-PA
JHU_Ag_108727	GLITPIVFSADR	AGAP007975-PA	-	73	4.32E-07	2	1288.730	3.2	Pupa	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_109525	LSINDFVIK	AGAP007975-PA	-	66	1.98E-06	1	1048.603	-0.78	Head	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_111530	LSINDFVIK	AGAP007975-PA	-	66	1.31E-06	1	1048.607	2.83	Pupa	3R:+:3620127-3620153	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_113641	GLITPIVFSADR	AGAP007975-PA	-	65	2.91E-06	2	1288.726	-0.31	Ovary	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_115343	VPEANSAWMDTVIR	AGAP007975-PA	M9(Oxidation)	44	0.000538726	2	1604.775	0.56	Pupa	3R:+:3620178-3620219	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_116151	GLITPIVFSADR	AGAP007975-PA	-	91	8.11E-09	1	1288.727	1.02	Malpighian tubule	3R:+:3620265-3620300	exon=> In CDS Exon 4 of transcript AGAP007975-PA
JHU_Ag_18533	YNLDAAVLK	AGAP007976-PA	-	42	0.0008154	1	1006.555	-1.5	Head	3R:-:3622672-3622646	exon=> In CDS Exon 3 of transcript AGAP007976-PA
JHU_Ag_52318	MLFHIPGTNLDTLNVR	AGAP007976-PA	M1(Oxidation)	87	2.03E-08	1	1856.974	2.78	Head	3R:-:3622591-3622544	exon=> In CDS Exon 3 of transcript AGAP007976-PA
JHU_Ag_105885	LAYNEMPISLETVR	AGAP007976-PA	M6(Oxidation)	85	4.53E-08	1	1635.844	1.62	Head	3R:-:3623049-3623008	exon=> In CDS Exon 2 of transcript AGAP007976-PA
JHU_Ag_34751	QDRLER	AGAP007977-PA	-	39	0.002173564	2	816.438	7.5	Malpighian tubule	3R:+:3625712-3625729	exon=> In CDS Exon 1 of transcript AGAP007977-PA
JHU_Ag_40007	APAVINDRFLQHVFSSAR	AGAP007977-PA	-	43	0.000433519	1	2028.088	5.04	Ovary	3R:+:3625076-3625129	exon=> In CDS Exon 1 of transcript AGAP007977-PA
JHU_Ag_53190	APAVINDRFLQHVFSSAR	AGAP007977-PA	-	44	0.000366545	1	2028.084	3.05	Malpighian tubule	3R:+:3625076-3625129	exon=> In CDS Exon 1 of transcript AGAP007977-PA
JHU_Ag_63300	VIECSGDEPGQTLLLSGLK	AGAP007977-PA	C4(Carbamidomethyl)	47	0.000286864	2	2016.035	1.65	Ovary	3R:+:3626183-3626239	exon=> In CDS Exon 2 of transcript AGAP007977-PA
JHU_Ag_87359	DIYHFIFCHPDAPDSFEITTNFPK	AGAP007977-PA	C8(Carbamidomethyl)	97	2.69E-09	1	2911.361	7.25	Malpighian tubule	3R:+:3626108-3626179	exon=> In CDS Exon 2 of transcript AGAP007977-PA
JHU_Ag_94549	IQAAIEAEQAAEQQR	AGAP007977-PA	-	102	8.77E-10	2	1655.838	1.88	Ovary	3R:+:3625841-3625885	exon=> In CDS Exon 1 of transcript AGAP007977-PA
JHU_Ag_106105	IQAAIEAEQAAEQQR	AGAP007977-PA	-	55	4.18E-05	1	1655.849	8.81	Male reproductive organs	3R:+:3625841-3625885	exon=> In CDS Exon 1 of transcript AGAP007977-PA
JHU_Ag_112124	DIYHFIFCHPDAPDSFEITTNFPK	AGAP007977-PA	C8(Carbamidomethyl)	95	4.57E-09	1	2911.362	7.82	Ovary	3R:+:3626108-3626179	exon=> In CDS Exon 2 of transcript AGAP007977-PA

JHU_Ag_28641	QYPAGVSPHTCPNFPYC	AGAP007980-PA	C11(Carbamidomethyl), C17(Carbamidomethyl)	92	4.14E-09	2	1994.851	-0.72	Midgut	3R:+:3649447-3649497	exon=> In CDS Exon 3 of transcript AGAP007980-PA
JHU_Ag_65538	QYPAGVSPHTCPNFPYC	AGAP007980-PA	C11(Carbamidomethyl), C17(Carbamidomethyl)	116	1.52E-11	1	1994.851	-0.9	Head	3R:+:3649447-3649497	exon=> In CDS Exon 3 of transcript AGAP007980-PA
JHU_Ag_99304	QYPAGVSPHTCPNFPYC	AGAP007980-PA	C11(Carbamidomethyl), C17(Carbamidomethyl)	54	2.29E-05	2	1994.856	1.79	Malpighian tubule	3R:+:3649447-3649497	exon=> In CDS Exon 3 of transcript AGAP007980-PA
JHU_Ag_5403	ILENVMEK	AGAP007983-PA	N4(Deamidated)	42	0.00106948	1	976.503	1.36	Salivary gland	3R:-:3663953-3663930	exon=> In CDS Exon 3 of transcript AGAP007983-PA
JHU_Ag_6482	LLPTDGEPAESSTPDSTEVPSRPETVGSK	AGAP007983-PA	-	130	1.37E-12	1	2983.436	-0.71	Head	3R:-:3662976-3662890	exon=> In CDS Exon 5 of transcript AGAP007983-PA
JHU_Ag_67922	MGVILSR	AGAP007983-PA	M1(Oxidation)	43	0.000558318	1	791.441	-3.92	Midgut	3R:-:3665290-3665270	exon=> In CDS Exon 1 of transcript AGAP007983-PA
JHU_Ag_99302	NLATSETESSADAGEASGEK	AGAP007983-PA	-	53	3.56E-05	2	1953.848	-2.17	Head	3R:-:3663036-3662977	exon=> In CDS Exon 5 of transcript AGAP007983-PA
JHU_Ag_4217	SEGLHFLLGYPTDFK	AGAP007990-PA	-	89	2.04E-08	1	1723.863	-3.68	Midgut	3R:-:3836396-3836352	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_4227	AMYMSWFQK	AGAP007990-PA	M2(Oxidation), M4(Oxidation)	54	2.44E-05	1	1223.522	-0.44	Midgut	3R:-:3835325-3835299	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_4634	EVLGSDRYSAR	AGAP007990-PA	-	55	4.46E-05	1	1252.629	1.08	Malpighian tubule	3R:-:3835472-3835440	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_6126	AWMPQNDLLAHPNVK	AGAP007990-PA	M3(Oxidation)	90	1.55E-08	1	1749.881	3.98	Malpighian tubule	3R:-:3835700-3835656	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_6226	NGFILFSLGSNAR	AGAP007990-PA	N1(Deamidated)	65	3.15E-06	2	1395.744	4.35	Head	3R:-:3835877-3835839	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_6745	NPDADLLQSR	AGAP007990-PA	-	58	1.52E-05	2	1128.562	-2.21	Midgut	3R:-:3835355-3835326	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_7591	AVWWCEWVLR	AGAP007990-PA	C5(Carbamidomethyl)	43	0.000856725	2	1404.694	4.14	Visceras	3R:-:3835385-3835356	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_10340	LSLANINPIIQYKEPLMPNMIPVGGLQILPPK	AGAP007990-PA	M20(Oxidation),"M17(Oxidation), M20(Oxidation)"	88	9.84E-10	1	3543.987	5.25	Malpighian tubule	3R:-:3836015-3835920	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_12244	LYPDAPPSNSFYK	AGAP007990-PA	-	52	7.47E-05	1	1498.721	-0.37	Midgut	3R:-:3836063-3836025	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_17361	SEGLHFLLGYPTDFK	AGAP007990-PA	-	42	0.000892043	2	1723.879	5.88	Head	3R:-:3836396-3836352	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_23097	LSIQHFQADELVQAVR	AGAP007990-PA	-	102	5.53E-10	1	1853.992	3.01	Visceras	3R:-:3835520-3835473	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_23922	NPDADLLQSR	AGAP007990-PA	-	73	5.28E-07	1	1128.566	1.03	Malpighian tubule	3R:-:3835355-3835326	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_24259	NGFILFSLGSNAR	AGAP007990-PA	N1(Deamidated)	91	9.07E-09	1	1395.743	3.65	Malpighian tubule	3R:-:3835877-3835839	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_25313	SDLLGPER	AGAP007990-PA	-	54	3.33E-05	2	886.464	1.05	Malpighian tubule	3R:-:3835838-3835815	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_26412	FESDESKLPMAVPK	AGAP007990-PA	M10(Oxidation)	72	8.82E-07	1	1577.789	0.43	Midgut	3R:-:3835757-3835716	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_28661	LPQYQFLWK	AGAP007990-PA	-	63	5.03E-06	1	1222.658	-3.22	Midgut	3R:-:3835784-3835758	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_30413	LYPDAPPSNSFYK	AGAP007990-PA	-	34	0.004445391	1	1498.725	2.64	Malpighian tubule	3R:-:3836063-3836025	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_31877	LSLANINPIIQYKEPLMPNMIPVGGLQILPPK	AGAP007990-PA	M17(Oxidation), M20(Oxidation)	49	1.11E-05	3	3543.978	2.87	Midgut	3R:-:3836015-3835920	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_35823	LSLANINPIIQYKEPLMPNMIPVGGLQILPPK	AGAP007990-PA	M17(Oxidation), M20(Oxidation)	88	1.08E-09	1	3543.984	4.32	Ovary	3R:-:3836015-3835920	exon=> In CDS Exon 2 of transcript AGAP007990-PA

JHU_Ag_41181	LFDEFGLNLCEAAIK	AGAP007990-PA	C10(Carbamidomethyl)	104	7.04E-10	2	1739.861	-3.45	Midgut	3R:-:3836441-3836397	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_42329	IRNILTAMER	AGAP007990-PA	M8(Oxidation)	43	0.000434 03	1	1216.689	5.04	Malpighian tubule	3R:-:3835814-3835785	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_45588	LNFFEMANESPAK	AGAP007990-PA	M6(Oxidation)	75	3.98E-07	1	1497.707	2	Malpighian tubule	3R:-:3836489-3836451	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_46033	LSIQHFQADELVQAVR	AGAP007990-PA	-	85	2.62E-08	1	1853.995	4.48	Head	3R:-:3835520-3835473	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_46869	NINYCVEAGIGKR	AGAP007990-PA	C5(Carbamidomethyl)	75	4.96E-07	1	1493.750	-2.29	Midgut	3R:-:3835559-3835521	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_49770	LPQYQFLWK	AGAP007990-PA	-	63	3.99E-06	1	1222.665	2.87	Ovary	3R:-:3835784-3835758	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_49833	AWMPQNDLLAHPNVK	AGAP007990-PA	M3(Oxidation)	72	1.25E-06	1	1749.873	-0.62	Midgut	3R:-:3835700-3835656	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_50010	EPLMPNMIPVGGLQILPPK	AGAP007990-PA	-	51	3.14E-05	2	2044.141	3.76	Malpighian tubule	3R:-:3835976-3835920	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_52207	LPQYQFLWK	AGAP007990-PA	-	44	0.000302 337	2	1222.666	2.97	Visceras	3R:-:3835784-3835758	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_52910	GLPEDLRK	AGAP007990-PA	-	36	0.001388 408	1	927.526	0.47	Malpighian tubule	3R:-:3835919-3835896	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_54389	LSIQHFQADELVQAVR	AGAP007990-PA	-	112	6.10E-11	1	1854.000	7.25	Midgut	3R:-:3835520-3835473	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_58555	NINYCVEAGIGKR	AGAP007990-PA	C5(Carbamidomethyl)	79	1.80E-07	1	1493.754	0.98	Malpighian tubule	3R:-:3835559-3835521	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_60643	EPLMPNMIPVGGLQILPPK	AGAP007990-PA	M4(Oxidation), M7(Oxidation)	82	5.56E-08	1	2076.118	-2.57	Midgut	3R:-:3835976-3835920	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_62031	LSIQHFQADELVQAVR	AGAP007990-PA	-	98	1.58E-09	1	1853.990	1.82	Ovary	3R:-:3835520-3835473	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_63885	LPQYQFLWK	AGAP007990-PA	-	74	3.41E-07	2	1222.664	1.77	Malpighian tubule	3R:-:3835784-3835758	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_64682	AMYMSWFQK	AGAP007990-PA	M2(Oxidation), M4(Oxidation)	68	1.50E-06	1	1191.536	3	Malpighian tubule	3R:-:3835325-3835299	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_65047	LPMAVPK	AGAP007990-PA	M3(Oxidation)	33	0.003607 357	1	771.444	0.75	Malpighian tubule	3R:-:3835736-3835716	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_67710	KLYPDAPPSNSFYK	AGAP007990-PA	-	48	0.000213 862	1	1626.815	-0.8	Midgut	3R:-:3836066-3836025	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_68628	LPQYQFLWK	AGAP007990-PA	-	45	0.000241 119	1	1222.667	3.87	Head	3R:-:3835784-3835758	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_68796	LFITHSGLLSTQEAIWHGVPIIGFPVFA DQFR	AGAP007990-PA	-	61	4.08E-06	1	3596.908	0.63	Midgut	3R:-:3835655-3835560	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_69095	NILTAMER	AGAP007990-PA	-	41	0.001511 687	1	947.500	1.65	Malpighian tubule	3R:-:3835808-3835785	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_70738	NPDADLLQSR	AGAP007990-PA	-	34	0.004083 155	2	1128.563	-0.91	Ovary	3R:-:3835355-3835326	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_72886	QKLNFFEMANESPAK	AGAP007990-PA	M8(Oxidation)	97	3.17E-09	1	1753.864	3.67	Malpighian tubule	3R:-:3836495-3836451	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_72983	RLSIQHFQADELVQAVR	AGAP007990-PA	-	31	0.005245 341	1	2010.093	2.56	Malpighian tubule	3R:-:3835523-3835473	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_74050	AVWWCEWVLR	AGAP007990-PA	C5(Carbamidomethyl)	37	0.003726 588	2	1404.694	3.79	Malpighian tubule	3R:-:3835385-3835356	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_76893	LSLANINPIIQYK	AGAP007990-PA	-	100	3.06E-10	1	1486.862	-0.58	Midgut	3R:-:3836015-3835977	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_79102	DQKETPLER	AGAP007990-PA	-	44	0.000494 791	1	1115.569	-0.37	Malpighian tubule	3R:-:3835412-3835386	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_79621	NFYYDLYEMILHDTLMHPEADK	AGAP007990-PA	M9(Oxidation), M16(Oxidation)	52	5.73E-05	1	2790.256	4.76	Malpighian tubule	3R:-:3836141-3836076	exon=> In CDS Exon 2 of transcript AGAP007990-PA

JHU_Ag_81178	NINYCVEAGIGK	AGAP007990-PA	C5(Carbamidomethyl)	63	9.60E-06	1	1337.651	-0.34	Malpighian tubule	3R:-:3835559-3835524	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_86029	SDLLGPER	AGAP007990-PA	-	49	0.000115307	2	886.463	0.36	Midgut	3R:-:3835838-3835815	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_86400	LSLANINPIIQYK	AGAP007990-PA	-	89	3.36E-09	1	1486.866	2.22	Malpighian tubule	3R:-:3836015-3835977	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_87524	NGFILFSLGSNAR	AGAP007990-PA	N1(Deamidated)	96	2.89E-09	2	1395.745	5.05	Ovary	3R:-:3835877-3835839	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_88455	AVWWCEWVLR	AGAP007990-PA	C5(Carbamidomethyl)	53	9.56E-05	2	1404.687	-0.99	Midgut	3R:-:3835385-3835356	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_88723	LNFFEMANESPAK	AGAP007990-PA	M6(Oxidation)	72	8.69E-07	2	1497.704	-0.03	Midgut	3R:-:3836489-3836451	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_92030	LFDEFGLNLCEAAIK	AGAP007990-PA	C10(Carbamidomethyl)	112	1.08E-10	1	1739.872	2.94	Malpighian tubule	3R:-:3836441-3836397	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_93944	AVWWCEWVLR	AGAP007990-PA	C5(Carbamidomethyl)	35	0.005939645	2	1404.697	6.48	Head	3R:-:3835385-3835356	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_95141	DQKETPLER	AGAP007990-PA	-	36	0.003528936	1	1115.569	-0.58	Midgut	3R:-:3835412-3835386	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_99467	LSLANINPIIQYK	AGAP007990-PA	-	65	9.02E-07	2	1486.866	1.89	Head	3R:-:3836015-3835977	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_99912	EVLGSDR	AGAP007990-PA	-	42	0.00171349	2	775.395	0.1	Midgut	3R:-:3835472-3835452	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_105437	NGFILFSLGSNAR	AGAP007990-PA	N1(Deamidated)	81	1.18E-07	2	1396.724	1.63	Viscera	3R:-:3835877-3835839	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_114059	FESDESKLPMAVPK	AGAP007990-PA	M10(Oxidation)	92	1.03E-08	1	1577.788	0.04	Malpighian tubule	3R:-:3835757-3835716	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_114400	LSIQHFQADELVQAVR	AGAP007990-PA	-	127	2.03E-12	1	1853.989	1.17	Malpighian tubule	3R:-:3835520-3835473	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_116160	NGFILFSLGSNAR	AGAP007990-PA	N1(Deamidated)	86	3.24E-08	2	1396.722	0.24	Midgut	3R:-:3835877-3835839	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_116178	KLYPDAPPSNSFYK	AGAP007990-PA	-	103	7.70E-10	1	1626.820	2.43	Malpighian tubule	3R:-:3836066-3836025	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_116966	SEGLHFLLGYPTDFK	AGAP007990-PA	-	54	5.87E-05	1	1723.872	1.62	Malpighian tubule	3R:-:3836396-3836352	exon=> In CDS Exon 2 of transcript AGAP007990-PA
JHU_Ag_27444	GRPLIVLIHGYTGHR	AGAP007991-PA	-	43	0.000122385	1	1688.969	-0.83	Male reproductive organs	3R:+:3837689-3837733	exon=> In CDS Exon 1 of transcript AGAP007991-PA
JHU_Ag_93270	ETQNNPTQLDMFNPESVTSANFIK	AGAP007991-PA	M11(Oxidation)	95	3.74E-09	2	2741.275	0.84	Male reproductive organs	3R:+:3837617-3837688	exon=> In CDS Exon 1 of transcript AGAP007991-PA
JHU_Ag_430	FWAPPLER	AGAP007992-PA	-	35	0.006275354	2	1015.538	2.25	Head	3R:-:3852728-3852705	exon=> In CDS Exon 3 of transcript AGAP007992-PA
JHU_Ag_6511	TVSYGAVQQHVANNPFAYPTAISEETVQPEAR	AGAP007992-PA	-	72	8.20E-07	1	3474.698	1.66	Head	3R:-:3850675-3850580	exon=> In CDS Exon 6 of transcript AGAP007992-PA
JHU_Ag_101903	SLGESVQLPMPTIATTPWR	AGAP007992-PA	M10(Oxidation)	42	0.000811968	2	2100.084	2.27	Head	3R:-:3852485-3852429	exon=> In CDS Exon 3 of transcript AGAP007992-PA
JHU_Ag_17513	YHLGDIVATEK	AGAP007996-PA	-	37	0.003737225	1	1245.646	-1.5	Head	3R:+:3967617-3967649	exon=> In CDS Exon 6 of transcript AGAP007996-PA
JHU_Ag_28916	IQLVFENLTQLEHPNIVK	AGAP007996-PA	-	40	0.000235053	1	2135.196	4.83	Head	3R:+:3965964-3966017	exon=> In CDS Exon 2 of transcript AGAP007996-PA
JHU_Ag_54779	IYKPDILYAEICRPNNVYK	AGAP007996-PA	C12(Carbamidomethyl)	45	0.000373247	1	2369.229	-1.43	Head	3R:+:3967560-3967616	exon=> In CDS Exon 6 of transcript AGAP007996-PA
JHU_Ag_86279	ELLFHSLLFEVHTLK	AGAP007996-PA	-	52	4.22E-05	1	1826.018	-1.64	Malpighian tubule	3R:+:3966995-3967039	exon=> In CDS Exon 5 of transcript AGAP007996-PA
JHU_Ag_2064	TSSTGAGAVNNVEPVASSKPIKP	AGAP007997-PA	-	66	1.94E-06	1	2211.167	2.23	Malpighian tubule	3R:+:3971270-3971338	exon=> In CDS Exon 1 of transcript AGAP007997-PA
JHU_Ag_21688	YAINTVQVYGQEK	AGAP007998-PA	-	81	1.08E-07	1	1512.774	3.24	Salivary gland	3R:+:3978359-3978397	exon=> In CDS Exon 4 of transcript AGAP007998-PA

JHU_Ag_27553	IPVLIVGTK	AGAP007998-PA	-	24	0.001327602	2	939.624	0.11	Midgut	3R:+:3978557-3978583	exon=> In CDS Exon 4 of transcript AGAP007998-PA
JHU_Ag_58453	GQQFLVSLFER	AGAP007998-PA	-	81	6.36E-08	2	1323.719	10.42	Malpighian tubule	3R:+:3977906-3977938	exon=> In CDS Exon 4 of transcript AGAP007998-PA
JHU_Ag_85827	GQQFLVSLFER	AGAP007998-PA	-	50	7.27E-05	2	1323.715	7.1	Head	3R:+:3977906-3977938	exon=> In CDS Exon 4 of transcript AGAP007998-PA
JHU_Ag_96188	IFKVCDIDGDGLLNDYELNHFQR	AGAP007998-PA	C5(Carbamidomethyl)	49	0.000201923	1	2781.345	5.36	Malpighian tubule	3R:+:3977567-3977635	exon=> In CDS Exon 4 of transcript AGAP007998-PA
JHU_Ag_99917	ILLVGDQGVGK	AGAP007998-PA	-	58	7.56E-06	2	1098.656	3.65	Malpighian tubule	3R:+:3976766-3976798	exon=> In CDS Exon 1 of transcript AGAP007998-PA
JHU_Ag_5688	ATEILLLSR	AGAP007999-PA	-	61	3.97E-06	2	1015.618	3.43	Salivary gland	3R:-:3982585-3982559	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_10252	LFASTPYSTPGR	AGAP007999-PA	-	50	0.000120951	2	1296.659	0.89	Salivary gland	3R:-:3983565-3983530	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_12829	LFASTPYSTPGR	AGAP007999-PA	-	33	0.006059289	2	1296.663	3.71	Head	3R:-:3983565-3983530	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_13126	SLEALVR	AGAP007999-PA	-	37	0.00447832	2	787.467	-0.46	Ovary	3R:-:3982962-3982942	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_17201	AGSLGSSFAQGQSGLLVGGER	AGAP007999-PA	-	92	7.34E-09	1	1978.005	3.15	Salivary gland	3R:-:3983163-3983101	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_24662	AGSLGSSFAQGQSGLLVGGER	AGAP007999-PA	-	72	7.61E-07	2	1978.004	2.59	Ovary	3R:-:3983163-3983101	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_29336	STSALLSLIVNQPK	AGAP007999-PA	-	40	0.000433963	2	1470.857	2.92	Salivary gland	3R:-:3981155-3981114	exon=> In CDS Exon 6 of transcript AGAP007999-PA
JHU_Ag_38881	DLEDKLEVAQIQR	AGAP007999-PA	-	107	2.67E-10	1	1556.830	1.48	Ovary	3R:-:3981775-3981737	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_44210	DLEDKLEVAQIQR	AGAP007999-PA	-	57	2.75E-05	1	1556.824	-2.44	Midgut	3R:-:3981775-3981737	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_56780	TPDNLIVADLLWK	AGAP007999-PA	-	83	3.37E-08	1	1497.833	1.46	Ovary	3R:-:3981988-3981950	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_62420	LANVASDSINLQQR	AGAP007999-PA	-	66	2.65E-06	2	1528.810	1.23	Ovary	3R:-:3981898-3981857	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_62436	LTILNCSHHNDPLLIESVWTHILDR	AGAP007999-PA	C6(Carbamidomethyl)	42	0.000447811	1	2996.565	8.05	Ovary	3R:-:3981595-3981521	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_62803	FLENVTVSNLLGYTGGR	AGAP007999-PA	-	94	4.16E-09	2	1839.964	2.39	Ovary	3R:-:3983235-3983185	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_63914	LFASTPYSTPGR	AGAP007999-PA	-	60	1.45E-05	2	1296.658	0.13	Ovary	3R:-:3983565-3983530	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_68730	SDPNEVGLQFYR	AGAP007999-PA	-	58	2.24E-05	2	1424.680	-0.12	Ovary	3R:-:3982396-3982361	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_69626	NLLYVLMSK	AGAP007999-PA	-	34	0.00218653	2	1080.610	-1.91	Visceras	3R:-:3984723-3984697	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_70261	AGSLGSSFAQGQSGLLVGGER	AGAP007999-PA	-	123	6.15E-12	1	1978.009	5.18	Malpighian tubule	3R:-:3983163-3983101	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_70275	LANVASDSINLQQR	AGAP007999-PA	-	54	5.17E-05	2	1528.809	0.43	Male reproductive organs	3R:-:3981898-3981857	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_70962	LSYKDIIASASAILR	AGAP007999-PA	-	72	1.74E-07	1	1620.930	-1.14	Ovary	3R:-:3984636-3984592	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_79672	STSALLSLIVNQPK	AGAP007999-PA	-	33	0.002275157	2	1470.857	3.09	Head	3R:-:3981155-3981114	exon=> In CDS Exon 6 of transcript AGAP007999-PA
JHU_Ag_89085	TPDNLIVADLLWK	AGAP007999-PA	-	73	2.67E-07	1	1497.839	5.05	Head	3R:-:3981988-3981950	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_92650	STSALLSLIVNQPK	AGAP007999-PA	-	84	1.92E-08	2	1470.856	2.18	Ovary	3R:-:3981155-3981114	exon=> In CDS Exon 6 of transcript AGAP007999-PA
JHU_Ag_95621	NCTEEALLEER	AGAP007999-PA	C2(Carbamidomethyl)	57	1.98E-05	2	1363.618	1.44	Ovary	3R:-:3982998-3982966	exon=> In CDS Exon 4 of transcript AGAP007999-PA

JHU_Ag_100289	STSALLSLIVNQPK	AGAP007999-PA	-	45	0.000129555	2	1470.859	4.09	Malpighian tubule	3R:-:3981155-3981114	exon=> In CDS Exon 6 of transcript AGAP007999-PA
JHU_Ag_102077	LFASTPYSTPGR	AGAP007999-PA	-	46	0.000336502	2	1296.664	4.28	Malpighian tubule	3R:-:3983565-3983530	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_104941	ATEILLLSR	AGAP007999-PA	-	46	0.000108067	2	1015.613	-1.26	Ovary	3R:-:3982585-3982559	exon=> In CDS Exon 5 of transcript AGAP007999-PA
JHU_Ag_108903	FLENVTVSNLLGYTGGR	AGAP007999-PA	-	86	2.65E-08	2	1839.976	8.56	Malpighian tubule	3R:-:3983235-3983185	exon=> In CDS Exon 4 of transcript AGAP007999-PA
JHU_Ag_846	FGLACVIHNVGTVGNIGR	AGAP008000-PA	C5(Carbamidomethyl)	46	0.000299628	1	1883.992	0.41	Male reproductive organs	3R:+:3988288-3988341	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_9226	FGLACVIHNVGTVGNIGR	AGAP008000-PA	C5(Carbamidomethyl)	95	3.28E-09	1	1883.993	1.29	Ovary	3R:+:3988288-3988341	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_12754	SSETVTSTTTPAATPPAATTTTTTAVNLEQVAYFLVTGASR	AGAP008000-PA	N-Term(Acetyl)	35	0.002304044	1	4157.066	-2.7	Ovary	3R:+:3987937-3988059	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_12868	FLHILQNGLFK	AGAP008000-PA	N7(Deamidated)	81	4.72E-08	1	1329.768	0.22	Ovary	3R:+:3988735-3988767	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_29071	AGSVVVLLAR	AGAP008000-PA	-	90	4.15E-09	2	984.622	1.55	Malpighian tubule	3R:+:3988105-3988134	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_34340	DTTTILTTDQTTAK	AGAP008000-PA	-	78	2.20E-07	2	1509.766	1.06	Midgut	3R:+:3988693-3988734	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_38319	AEILAVNPHVTVVTSSVDLATASK	AGAP008000-PA	-	123	2.70E-12	1	2422.317	-0.68	Ovary	3R:+:3988162-3988233	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_40535	GLRDTTTILTTDQTTAK	AGAP008000-PA	-	75	3.77E-07	2	1835.962	-4.64	Malpighian tubule	3R:+:3988684-3988734	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_43110	AEILAVNPHVTVVTSSVDLATASK	AGAP008000-PA	-	141	3.37E-14	1	2422.323	1.58	Head	3R:+:3988162-3988233	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_45292	FLHILQNGLFK	AGAP008000-PA	-	48	8.50E-05	2	1329.771	2.06	Malpighian tubule	3R:+:3988735-3988767	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_50396	FGLACVIHNVGTVGNIGR	AGAP008000-PA	C5(Carbamidomethyl)	51	8.28E-05	1	1883.998	3.52	Malpighian tubule	3R:+:3988288-3988341	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_52562	SGDHVDYYDH	AGAP008000-PA	-	31	0.000604531	2	1207.466	0.96	Malpighian tubule	3R:+:3988768-3988797	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_56690	AGSVVVLLAR	AGAP008000-PA	-	88	6.11E-09	2	984.620	0	Male reproductive organs	3R:+:3988105-3988134	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_58082	DTTTILTTDQTTAK	AGAP008000-PA	-	84	6.03E-08	1	1509.771	4.3	Malpighian tubule	3R:+:3988693-3988734	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_61014	DTTTILTTDQTTAK	AGAP008000-PA	-	79	1.86E-07	2	1509.765	0.74	Ovary	3R:+:3988693-3988734	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_63119	FGLACVIHNVGTVGNIGR	AGAP008000-PA	C5(Carbamidomethyl)	98	1.71E-09	1	1883.992	0.48	Head	3R:+:3988288-3988341	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_77330	ELLNEILDK	AGAP008000-PA	-	41	0.001122349	1	1086.604	0.23	Ovary	3R:+:3988234-3988260	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_87997	FLHILQNGLFK	AGAP008000-PA	-	73	3.24E-07	1	1329.767	-0.33	Head	3R:+:3988735-3988767	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_89221	ELLNEILDK	AGAP008000-PA	-	42	0.000806719	1	1086.604	-0.56	Male reproductive organs	3R:+:3988234-3988260	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_90197	AEILAVNPHVTVVTSSVDLATASK	AGAP008000-PA	-	111	3.60E-11	1	2422.324	2.26	Male reproductive organs	3R:+:3988162-3988233	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_92878	DTTTILTTDQTTAK	AGAP008000-PA	-	50	0.000151305	2	1509.765	0.5	Male reproductive organs	3R:+:3988693-3988734	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_100054	AGSVVVLLAR	AGAP008000-PA	-	88	6.08E-09	2	984.620	0	Ovary	3R:+:3988105-3988134	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_102193	DTTTILTTDQTTAK	AGAP008000-PA	Q10(Deamidated)	80	1.52E-07	1	1509.767	2.03	Head	3R:+:3988693-3988734	exon=> In CDS Exon 1 of transcript AGAP008000-PA
JHU_Ag_107025	FLHILQNGLFK	AGAP008000-PA	N7(Deamidated)	60	6.48E-06	1	1330.758	4.8	Male reproductive organs	3R:+:3988735-3988767	exon=> In CDS Exon 1 of transcript AGAP008000-PA

JHU_Ag_1527	YNTMQQNAQAISVPITQSVLHR	AGAP008003-PA	M4(Oxidation)	68	2.02E-06	1	2515.286	5.65	Malpighian tubule	3R:+:4001772-4001837	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_5975	SSPLIIQGLR	AGAP008003-PA	-	41	0.000301334	2	1083.654	1.71	Salivary gland	3R:+:3997927-3997956	exon=> In CDS Exon 6 of transcript AGAP008003-PA
JHU_Ag_7862	EAAQQLLLGELGR	AGAP008003-PA	-	47	0.00013407	2	1397.779	3.26	Salivary gland	3R:+:4001037-4001075	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_10883	SSVVEGFGIGNNNLAR	AGAP008003-PA	-	43	0.00084062	2	1633.827	-1.31	Head	3R:+:4001403-4001450	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_11723	HLFPVISIK	AGAP008003-PA	-	29	0.001941294	1	1053.647	1.38	Midgut	3R:+:3997503-3997529	exon=> In CDS Exon 5 of transcript AGAP008003-PA
JHU_Ag_18313	LPAFTPLR	AGAP008003-PA	-	42	0.000639647	1	914.545	-0.57	Malpighian tubule	3R:+:4001502-4001525	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_27963	LTASIYLPQQSR	AGAP008003-PA	-	56	2.32E-05	1	1376.757	2.44	Head	3R:+:3996917-3996952	exon=> In CDS Exon 3 of transcript AGAP008003-PA
JHU_Ag_28812	YNTMQQNAQAISVPITQSVLHR	AGAP008003-PA	M4(Oxidation)	141	1.16E-13	1	2515.284	4.7	Head	3R:+:4001772-4001837	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_32468	VCETQLGLLRPMIPVSFGVLSK	AGAP008003-PA	C2(Carbamidomethyl), M12(Oxidation)	83	1.94E-08	1	2460.348	4.98	Head	3R:+:4000408-4000443,4000524-4000553	exon=> In CDS Exon 11 and 12 of transcript AGAP008003-PA
JHU_Ag_39194	HLFPVISIK	AGAP008003-PA	-	35	0.000656784	2	1053.646	0.22	Head	3R:+:3997503-3997529	exon=> In CDS Exon 5 of transcript AGAP008003-PA
JHU_Ag_43127	EAAQQLLLGELGR	AGAP008003-PA	-	86	1.78E-08	2	1397.779	3.09	Head	3R:+:4001037-4001075	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_72890	AAIDLIGR	AGAP008003-PA	-	43	0.000393632	2	828.497	3.97	Malpighian tubule	3R:+:4001529-4001552	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_82620	GFTVWEPYIDVSK	AGAP008003-PA	-	44	0.000637736	2	1540.774	3.85	Head	3R:+:4001553-4001591	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_84972	LPLTPQADACR	AGAP008003-PA	C10(Carbamidomethyl)	51	8.68E-05	1	1241.631	0.43	Head	3R:+:4001658-4001690	exon=> In CDS Exon 12 of transcript AGAP008003-PA
JHU_Ag_89967	YSEPIYENESK	AGAP008003-PA	-	34	0.002607704	2	1358.610	-0.86	Midgut	3R:+:3996216-3996248	exon=> In CDS Exon 2 of transcript AGAP008003-PA
JHU_Ag_97930	LPANSIPDNKDFHGPSVGK	AGAP008003-PA	-	80	1.44E-07	1	1993.016	0.9	Head	3R:+:3996471-3996527	exon=> In CDS Exon 2 of transcript AGAP008003-PA
JHU_Ag_100832	SSPLIIQGLR	AGAP008003-PA	-	42	0.000272928	2	1083.655	2.5	Malpighian tubule	3R:+:3997927-3997956	exon=> In CDS Exon 6 of transcript AGAP008003-PA
JHU_Ag_144	NPEFLR	AGAP008004-PA	-	42	0.001462736	2	775.409	-0.52	Head	3R:-:3999393-3999376	exon=> In CDS Exon 3 of transcript AGAP008004-PA
JHU_Ag_8101	GDVPTYDEEDFDEESLKPHSSSSSDDGEEEFDPSLLEEHADAPTAR	AGAP008004-PA	-	84	9.98E-09	1	5081.147	1.99	Head	3R:-:3999608-3999629,3999313-3999406	exon=> In CDS Exon 3 and 2 of transcript AGAP008004-PA
JHU_Ag_19629	NPEFLR	AGAP008004-PA	-	40	0.002600262	2	775.410	0.5	Salivary gland	3R:-:3999393-3999376	exon=> In CDS Exon 3 of transcript AGAP008004-PA
JHU_Ag_71960	NSNTDEQASAPAASSSESDE	AGAP008004-PA	-	36	0.000210981	2	1996.786	0.24	Salivary gland	3R:-:3999375-3999316	exon=> In CDS Exon 3 of transcript AGAP008004-PA
JHU_Ag_73788	DPGRNPEFLR	AGAP008004-PA	-	57	2.05E-05	1	1200.615	2.16	Salivary gland	3R:-:3999405-3999376	exon=> In CDS Exon 3 of transcript AGAP008004-PA
JHU_Ag_18829	NKAEQIYSR	AGAP008006-PA	-	47	0.000278305	1	1108.576	1.15	Ovary	3R:-:4009916-4009890	exon=> In CDS Exon 7 of transcript AGAP008006-PA
JHU_Ag_35573	KPDDATTVSQDNSGGETK	AGAP008006-PA	-	74	5.27E-07	1	1849.844	1.79	Ovary	3R:-:4010578-4010525	exon=> In CDS Exon 5 of transcript AGAP008006-PA
JHU_Ag_38191	SFEIGDLVFAK	AGAP008006-PA	-	65	2.91E-06	2	1225.650	3.01	Ovary	3R:-:4011828-4011796	exon=> In CDS Exon 1 of transcript AGAP008006-PA
JHU_Ag_45028	TAAAAAHATNNGAQK	AGAP008006-PA	N11(Deamidated), Q14(Deamidated),N11(Deamidated),N10(Deamidated)	63	7.38E-06	2	1397.679	1.72	Head	3R:-:4010623-4010579	exon=> In CDS Exon 5 of transcript AGAP008006-PA

JHU_Ag_60968	LNCADPER	AGAP008006-PA	C3(Carbamidomethyl)	39	0.000619398	2	974.437	0.53	Ovary	3R:-:4010196-4010173	exon=> In CDS Exon 6 of transcript AGAP008006-PA
JHU_Ag_73118	TAAAAAHATNNGAQK	AGAP008006-PA	Q14(Deamidated),N11(Deamidated),N10(Deamidated)	85	4.83E-08	2	1396.696	2.33	Ovary	3R:-:4010623-4010579	exon=> In CDS Exon 5 of transcript AGAP008006-PA
JHU_Ag_75942	KTAAAAAHATNNGAQK	AGAP008006-PA	-	66	3.37E-06	1	1524.790	1.74	Ovary	3R:-:4010626-4010579	exon=> In CDS Exon 5 of transcript AGAP008006-PA
JHU_Ag_80154	QEVIDKQYGNENASTPQTAQITSNANVK	AGAP008006-PA	-	88	2.06E-08	1	3048.498	3.62	Ovary	3R:-:4010725-4010642	exon=> In CDS Exon 5 of transcript AGAP008006-PA
JHU_Ag_88933	KLNPFEK	AGAP008006-PA	-	32	0.007046721	2	875.495	-3.68	Head	3R:-:4010365-4010788,4010145-4010278	exon=> In CDS Exon 6 and 5 of transcript AGAP008006-PA
JHU_Ag_94242	LQFDFQAQQIR	AGAP008006-PA	-	73	6.30E-07	2	1393.727	3.68	Salivary gland	3R:-:4009949-4009917	exon=> In CDS Exon 7 of transcript AGAP008006-PA
JHU_Ag_102329	SFEIGDLVFAK	AGAP008006-PA	-	40	0.00097499	2	1225.651	3.71	Male reproductive organs	3R:-:4011828-4011796	exon=> In CDS Exon 1 of transcript AGAP008006-PA
JHU_Ag_2597	ESFENIFLEDTER	AGAP008007-PA	-	73	6.26E-07	1	1628.750	3.68	Head	3R:+:4017026-4017063,4017141-4017141	exon=> In CDS Exon 3 and 4 of transcript AGAP008007-PA
JHU_Ag_20654	ESFENIFLEDTER	AGAP008007-PA	-	59	1.31E-05	2	1628.743	-0.74	Ovary	3R:+:4017026-4017063,4017141-4017141	exon=> In CDS Exon 3 and 4 of transcript AGAP008007-PA
JHU_Ag_27006	ILIQAAIVR	AGAP008007-PA	-	63	3.14E-07	2	996.656	-0.43	Salivary gland	3R:+:4019018-4019044	exon=> In CDS Exon 10 of transcript AGAP008007-PA
JHU_Ag_48043	ESFENIFLEDTER	AGAP008007-PA	-	66	3.01E-06	2	1628.755	6.9	Visceras	3R:+:4017026-4017063,4017141-4017141	exon=> In CDS Exon 3 and 4 of transcript AGAP008007-PA
JHU_Ag_55924	FINTNAVTELSR	AGAP008007-PA	-	57	2.53E-05	2	1364.713	-3.09	Salivary gland	3R:+:4017709-4017744	exon=> In CDS Exon 5 of transcript AGAP008007-PA
JHU_Ag_59116	ININFPLK	AGAP008007-PA	-	52	3.59E-05	2	958.572	0.06	Salivary gland	3R:+:4018937-4018960	exon=> In CDS Exon 10 of transcript AGAP008007-PA
JHU_Ag_73481	RWEEYQFSSK	AGAP008007-PA	-	41	0.000887434	2	1359.644	8.01	Ovary	3R:+:4016702-4016731	exon=> In CDS Exon 3 of transcript AGAP008007-PA
JHU_Ag_86513	ESFENIFLEDTER	AGAP008007-PA	-	58	1.77E-05	2	1628.746	1.28	Male reproductive organs	3R:+:4017026-4017063,4017141-4017141	exon=> In CDS Exon 3 and 4 of transcript AGAP008007-PA
JHU_Ag_95406	FINTNAVTELSR	AGAP008007-PA	-	42	0.000773275	2	1364.716	-1.03	Male reproductive organs	3R:+:4017709-4017744	exon=> In CDS Exon 5 of transcript AGAP008007-PA
JHU_Ag_111056	ININFPLK	AGAP008007-PA	-	52	3.29E-05	2	958.574	1.91	Male reproductive organs	3R:+:4018937-4018960	exon=> In CDS Exon 10 of transcript AGAP008007-PA
JHU_Ag_80721	KEQSEMDEDTAAFK	AGAP008008-PA	M6(Oxidation)	103	2.77E-10	1	1644.708	1.27	Ovary	3R:+:4021348-4021389	exon=> In CDS Exon 1 of transcript AGAP008008-PA
JHU_Ag_104248	GGPLLQGGIK	AGAP008008-PA	-	66	8.07E-07	1	939.561	-0.98	Ovary	3R:+:4021447-4021476	exon=> In CDS Exon 1 of transcript AGAP008008-PA
JHU_Ag_24845	FPAGNFNGASSSASFGPGGFHQTAAVYPGNPAVPNVDTR	AGAP008014-PB,AGAP008014-PC	N5(Deamidated),N7(Deamidated)	81	8.72E-08	1	3863.822	1.58	Head	3R:-:4179980-4180173,4179755-4179801;3R:-:4179980-4180173,4179755-4179801	exon=> In CDS Exon 4 and 3 of transcript AGAP008014-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP008014-PC
JHU_Ag_52974	EAVTTVNDNGK	AGAP008014-PB,AGAP008014-PC	N9(Deamidated)	52	9.35E-05	2	1148.544	0.52	Head	3R:-:4179461-4179429;3R:-:4179461-4179429	exon=> In CDS Exon 5 of transcript AGAP008014-PB;exon=> In CDS Exon 6 of transcript AGAP008014-PC

JHU_Ag_88181	FGGSEQATSFQSGKPGFVGVSSFSSSSNINGQTHR	AGAP008014-PB,AGAP008014-PC	-	198	1.75E-19	1	3576.670	-1.09	Head	3R:-:4179800-4179824,4179402-4179462;3R:-:4179800-4179824,4179402-4179462	exon=> In CDS Exon 5 and 4 of transcript AGAP008014-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP008014-PC
JHU_Ag_22511	ATGLYNQVPAGVDYADK	AGAP008014-PB,AGAP008014-PD	-	116	4.22E-11	1	1781.877	3.36	Head	3R:-:4181766-4181716;3R:-:4181766-4181716	exon=> In CDS Exon 2 of transcript AGAP008014-PB;exon=> In CDS Exon 2 of transcript AGAP008014-PD
JHU_Ag_9292	LGVYGASGLSK	AGAP008015-PA	-	42	0.000440 9	2	1051.577	-1.15	Ovary	3R:+:4188701-4188733	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_17016	LFRTPSLK	AGAP008015-PA	-	30	0.002186 522	1	961.588	5.55	Visceras	3R:+:4188245-4188268	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_28174	LSLELTTFQETAAR	AGAP008015-PA	-	38	0.001782 326	2	1579.836	2.32	Ovary	3R:+:4187339-4187380	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_41119	LQQTLQELRDQYEQQLR	AGAP008015-PA	-	94	5.28E-09	1	2189.132	0.4	Ovary	3R:+:4187885-4187935	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_59929	RPVDGAEVSYRFPK	AGAP008015-PA	-	52	6.89E-05	1	1620.855	3.42	Malpighian tubule	3R:+:4188428-4188469	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_78611	LNITPNVTSTSTGGGSAFTSSSR	AGAP008015-PA	-	91	1.30E-08	2	2242.093	-0.61	Ovary	3R:+:4188176-4188244	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_82842	GDIEVTECDPEGR	AGAP008015-PA	C8(Carbamidomethyl)	65	1.56E-06	2	1476.628	0.53	Ovary	3R:+:4188326-4188364	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_84515	VDLENNIQSLREELTFK	AGAP008015-PA	-	52	6.98E-05	1	2048.069	1.43	Ovary	3R:+:4187735-4187785	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_94059	SKQEYALAGWQLIR	AGAP008015-PA	-	60	8.69E-06	2	1662.899	1.69	Ovary	3R:+:4188386-4188427	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_110822	SIYEHELADAR	AGAP008015-PA	-	50	0.000179 413	2	1303.630	2.05	Ovary	3R:+:4187399-4187431	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_112380	LNREEISDLFEGR	AGAP008015-PA	-	61	1.29E-05	1	1577.796	2.72	Ovary	3R:+:4187936-4187974	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_112785	YFHHEESGGR	AGAP008015-PA	-	41	0.000413 422	1	1218.533	3.94	Ovary	3R:+:4188671-4188700	exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_9880	IFPYLAAACVLK	AGAP008016-PA	C9(Carbamidomethyl)	41	0.000579 834	2	1365.760	-0.11	Male reproductive organs	3R:-:4191682-4191647	exon=> In CDS Exon 3 of transcript AGAP008016-PA
JHU_Ag_19880	ILGAVLESFSAGR	AGAP008016-PA	-	51	5.94E-05	2	1319.735	2.69	Head	3R:-:4191938-4191900	exon=> In CDS Exon 2 of transcript AGAP008016-PA
JHU_Ag_64756	AYAEYYALESFR	AGAP008016-PA	-	66	2.89E-06	2	1482.699	6.33	Malpighian tubule	3R:-:4191015-4191158,4190538-4190910	exon=> In CDS Exon 5 and 4 of transcript AGAP008016-PA
JHU_Ag_66893	VESPVGTASFITR	AGAP008016-PA	-	58	2.31E-05	2	1363.720	-1.21	Midgut	3R:-:4191325-4191287	exon=> In CDS Exon 3 of transcript AGAP008016-PA
JHU_Ag_67607	LVLEDKELVK	AGAP008016-PA	-	46	0.000148 715	1	1185.710	0.87	Male reproductive organs	3R:-:4192797-4192768	exon=> In CDS Exon 1 of transcript AGAP008016-PA
JHU_Ag_70253	TLLPYPGVTVGDIGEK	AGAP008016-PA	-	48	0.000150 844	1	1658.900	-0.2	Midgut	3R:-:4192121-4192074	exon=> In CDS Exon 2 of transcript AGAP008016-PA
JHU_Ag_76117	AGVDTFTAR	AGAP008016-PA	-	81	1.07E-07	2	937.476	2.13	Malpighian tubule	3R:-:4191081-4191055	exon=> In CDS Exon 4 of transcript AGAP008016-PA
JHU_Ag_86575	IADLELAPPEIYSKPYKYR	AGAP008016-PA	-	61	5.54E-06	1	2266.221	4.24	Malpighian tubule	3R:-:4192583-4192527	exon=> In CDS Exon 2 of transcript AGAP008016-PA
JHU_Ag_103731	DAILSGDYDALLR	AGAP008016-PA	-	82	9.34E-08	2	1421.736	6.06	Malpighian tubule	3R:-:4191283-4191245	exon=> In CDS Exon 3 of transcript AGAP008016-PA
JHU_Ag_99369	IEIAK	AGAP008017-PB,AGAP008017-PA	-	39	0.001368 524	1	573.361	-0.03	Salivary gland	3R:+:4262831-4262845;3R:+:4262831-4262845	exon=> In CDS Exon 12 of transcript AGAP008017-PB;exon=> In CDS Exon 12 of transcript AGAP008017-PA

JHU_Ag_81695	KEEGEVDAVKPEIIADAQGTK	AGAP008017-PB,AGAP008017-PA,AGAP008017-PC	-	109	1.78E-10	1	2227.144	-0.77	Head	3R:+:4266982-4267044;3R:+:4266982-4267044;3R:+:4266982-4267044	exon=> In CDS Exon 20 of transcript AGAP008017-PB;exon=> In CDS Exon 20 of transcript AGAP008017-PA;exon=> In CDS Exon 5 of transcript AGAP008017-PC
JHU_Ag_23738	IPAPSLLGFLK	AGAP008018-PA	-	44	7.56E-05	1	1155.715	1.37	Midgut	3R:+:4319016-4319048	exon=> In CDS Exon 1 of transcript AGAP008018-PA
JHU_Ag_26854	LGVLDKDQTPEVTHFIDLTK	AGAP008018-PA	-	53	3.36E-05	1	2269.219	5.01	Midgut	3R:+:4319710-4319760,4319827-4319835	exon=> In CDS Exon 4 and 5 of transcript AGAP008018-PA
JHU_Ag_28470	KYDVGWNYGELK	AGAP008018-PA	-	32	0.00850122	1	1471.719	-1.94	Malpighian tubule	3R:+:4320765-4320800	exon=> In CDS Exon 8 of transcript AGAP008018-PA
JHU_Ag_33076	ATLVNIPANDLK	AGAP008018-PA	-	61	4.01E-06	2	1268.720	-0.44	Midgut	3R:+:4320807-4320842	exon=> In CDS Exon 8 of transcript AGAP008018-PA
JHU_Ag_34147	EVHPFVYLPFGFGAR	AGAP008018-PA	-	49	0.00016823	1	1735.897	0.91	Midgut	3R:+:4320657-4320701	exon=> In CDS Exon 8 of transcript AGAP008018-PA
JHU_Ag_34281	ATLVNIPANDLK	AGAP008018-PA	-	55	1.56E-05	2	1268.722	0.62	Salivary gland	3R:+:4320807-4320842	exon=> In CDS Exon 8 of transcript AGAP008018-PA
JHU_Ag_35124	ATLVNIPANDLKFQLK	AGAP008018-PA	-	37	0.000503185	1	1785.032	2.62	Malpighian tubule	3R:+:4320807-4320854	exon=> In CDS Exon 8 of transcript AGAP008018-PA
JHU_Ag_38052	IPAPSLLGFLK	AGAP008018-PA	-	57	3.30E-06	2	1155.716	1.69	Head	3R:+:4319016-4319048	exon=> In CDS Exon 1 of transcript AGAP008018-PA
JHU_Ag_43130	DLVLQGYR	AGAP008018-PA	-	43	0.000744938	2	963.524	-1.69	Salivary gland	3R:+:4320433-4320456	exon=> In CDS Exon 7 of transcript AGAP008018-PA
JHU_Ag_55716	EVHPFVYLPFGFGAR	AGAP008018-PA	-	56	3.67E-05	1	1735.899	1.85	Malpighian tubule	3R:+:4320657-4320701	exon=> In CDS Exon 8 of transcript AGAP008018-PA
JHU_Ag_64082	IPAPSLLGFLK	AGAP008018-PA	-	29	0.002588419	1	1155.713	-0.63	Salivary gland	3R:+:4319016-4319048	exon=> In CDS Exon 1 of transcript AGAP008018-PA
JHU_Ag_64817	LRELYGPILR	AGAP008018-PA	-	52	1.91E-05	1	1229.736	-0.32	Malpighian tubule	3R:+:4319161-4319190	exon=> In CDS Exon 2 of transcript AGAP008018-PA
JHU_Ag_73014	IPAPSLLGFLK	AGAP008018-PA	-	48	2.71E-05	1	1155.713	-0.53	Malpighian tubule	3R:+:4319016-4319048	exon=> In CDS Exon 1 of transcript AGAP008018-PA
JHU_Ag_74557	IPAPSLLGFLK	AGAP008018-PA	-	48	2.81E-05	2	1155.712	-1.16	Ovary	3R:+:4319016-4319048	exon=> In CDS Exon 1 of transcript AGAP008018-PA
JHU_Ag_78589	EVHPFVYLPFGFGAR	AGAP008018-PA	-	54	5.84E-05	1	1735.899	1.75	Visceras	3R:+:4320657-4320701	exon=> In CDS Exon 8 of transcript AGAP008018-PA
JHU_Ag_82654	ALDELYHLIATR	AGAP008018-PA	-	75	3.49E-07	1	1414.768	-0.67	Malpighian tubule	3R:+:4319923-4319942,4320002-4320017	exon=> In CDS Exon 5 and 6 of transcript AGAP008018-PA
JHU_Ag_90903	DQTPEVTHFIDLTK	AGAP008018-PA	-	54	5.85E-05	2	1643.824	-1.95	Malpighian tubule	3R:+:4319728-4319760,4319827-4319835	exon=> In CDS Exon 4 and 5 of transcript AGAP008018-PA
JHU_Ag_93352	GYGGLLAEQGEDWHK	AGAP008018-PA	-	100	1.23E-09	1	1659.774	-1.43	Midgut	3R:+:4319344-4319366,4319425-4319446	exon=> In CDS Exon 2 and 3 of transcript AGAP008018-PA
JHU_Ag_93943	QYVDKVDTVAR	AGAP008018-PA	-	56	3.34E-05	1	1293.675	-3.44	Malpighian tubule	3R:+:4319495-4319527	exon=> In CDS Exon 3 of transcript AGAP008018-PA
JHU_Ag_116565	DLVLQGYR	AGAP008018-PA	-	59	2.25E-05	1	963.525	-1.05	Male reproductive organs	3R:+:4320433-4320456	exon=> In CDS Exon 7 of transcript AGAP008018-PA
JHU_Ag_22815	LAMMEMEVILAR	AGAP008019-PA	M3(Oxidation), M4(Oxidation)	77	2.81E-07	1	1438.712	1.11	Male reproductive organs	3R:+:4323717-4323752	exon=> In CDS Exon 8 of transcript AGAP008019-PA
JHU_Ag_30440	DIVLQGYR	AGAP008019-PA	-	43	0.000744938	2	963.524	-1.69	Salivary gland	3R:+:4323429-4323452	exon=> In CDS Exon 7 of transcript AGAP008019-PA
JHU_Ag_39239	SIPGPTLWQLFR	AGAP008019-PA	-	49	0.000127384	2	1414.784	0.18	Male reproductive organs	3R:+:4321654-4321689	exon=> In CDS Exon 1 of transcript AGAP008019-PA

JHU_Ag_42603	LRQEYGDIYR	AGAP008019-PA	-	59	1.43E-05	1	1312.663	-1.01	Male reproductive organs	3R:+:4322139-4322168	exon=> In CDS Exon 2 of transcript AGAP008019-PA
JHU_Ag_48662	EVNPFIFLPFGFGSR	AGAP008019-PA	-	72	9.37E-07	2	1726.897	1.1	Male reproductive organs	3R:+:4323654-4323698	exon=> In CDS Exon 8 of transcript AGAP008019-PA
JHU_Ag_54741	DEKNELPADFNEWLSR	AGAP008019-PA	-	90	1.45E-08	1	1962.918	-0.63	Male reproductive organs	3R:+:4322617-4322664	exon=> In CDS Exon 4 of transcript AGAP008019-PA
JHU_Ag_59997	YFHRPTEFIPER	AGAP008019-PA	-	55	5.93E-05	1	1591.803	0.79	Male reproductive organs	3R:+:4323579-4323614	exon=> In CDS Exon 8 of transcript AGAP008019-PA
JHU_Ag_69731	NPTTDSNHSALK	AGAP008019-PA	-	66	3.30E-06	2	1284.617	-0.91	Male reproductive organs	3R:+:4323047-4323082	exon=> In CDS Exon 6 of transcript AGAP008019-PA
JHU_Ag_71270	LTASMMSNLPYLR	AGAP008019-PA	M5(Oxidation), M6(Oxidation)	82	1.02E-07	1	1528.749	-0.29	Male reproductive organs	3R:+:4323324-4323362	exon=> In CDS Exon 7 of transcript AGAP008019-PA
JHU_Ag_76678	SFDTMTYYR	AGAP008019-PA	M5(Oxidation)	44	0.000152329	2	1199.503	-0.97	Male reproductive organs	3R:+:4322268-4322294	exon=> In CDS Exon 2 of transcript AGAP008019-PA
JHU_Ag_77004	QQVRPDIFGELGGLVTSQGESWQK	AGAP008019-PA	-	145	4.34E-14	1	2659.349	0.43	Male reproductive organs	3R:+:4322295-4322344,4322413-4322434	exon=> In CDS Exon 2 and 3 of transcript AGAP008019-PA
JHU_Ag_87115	ICNPVLLNPK	AGAP008019-PA	C2(Carbamidomethyl)	38	0.000898243	1	1167.655	-0.29	Male reproductive organs	3R:+:4322444-4322473	exon=> In CDS Exon 3 of transcript AGAP008019-PA
JHU_Ag_87732	LGVLHSTDSGEGQR	AGAP008019-PA	-	87	3.08E-08	1	1455.729	7.27	Male reproductive organs	3R:+:4322707-4322748	exon=> In CDS Exon 4 of transcript AGAP008019-PA
JHU_Ag_89549	NELPADFNEWLSR	AGAP008019-PA	-	54	6.02E-05	2	1590.754	-0.44	Male reproductive organs	3R:+:4322626-4322664	exon=> In CDS Exon 4 of transcript AGAP008019-PA
JHU_Ag_91610	DIVLQGYR	AGAP008019-PA	-	59	2.25E-05	1	963.525	-1.05	Male reproductive organs	3R:+:4323429-4323452	exon=> In CDS Exon 7 of transcript AGAP008019-PA
JHU_Ag_92631	GGCYDGLNLIELHIR	AGAP008019-PA	C3(Carbamidomethyl)	62	8.99E-06	1	1729.869	-0.3	Male reproductive organs	3R:+:4321702-4321705,4322098-4322138	exon=> In CDS Exon 1 and 2 of transcript AGAP008019-PA
JHU_Ag_96177	ADVVMSFAPEDFEK	AGAP008019-PA	M5(Oxidation)	69	1.29E-06	2	1600.721	0.29	Male reproductive organs	3R:+:4322190-4322231	exon=> In CDS Exon 2 of transcript AGAP008019-PA
JHU_Ag_101496	VPSDTDIAMGAQVLLR	AGAP008019-PA	M9(Oxidation)	106	4.15E-10	2	1701.887	1.5	Male reproductive organs	3R:+:4323453-4323464,4323534-4323569	exon=> In CDS Exon 7 and 8 of transcript AGAP008019-PA
JHU_Ag_106998	WALETTGVLALDTR	AGAP008019-PA	-	104	5.26E-10	2	1545.826	-1.04	Male reproductive organs	3R:+:4322665-4322706	exon=> In CDS Exon 4 of transcript AGAP008019-PA
JHU_Ag_109099	LTNLILDQIER	AGAP008019-PA	-	77	1.76E-07	1	1327.758	-0.33	Male reproductive organs	3R:+:4322932-4322939,4323001-4323025	exon=> In CDS Exon 5 and 6 of transcript AGAP008019-PA
JHU_Ag_110919	RICNPVLLNPK	AGAP008019-PA	C3(Carbamidomethyl)	41	0.000362042	1	1323.755	-1.37	Male reproductive organs	3R:+:4322441-4322473	exon=> In CDS Exon 3 of transcript AGAP008019-PA
JHU_Ag_117270	NPTTDSNHSALKK	AGAP008019-PA	-	78	2.04E-07	1	1412.715	1.77	Male reproductive organs	3R:+:4323047-4323085	exon=> In CDS Exon 6 of transcript AGAP008019-PA
JHU_Ag_3800	QALINIPANPLQFELRDVDH	AGAP008021-PA	-	65	2.37E-06	1	2303.226	4.97	Malpighian tubule	3R:+:4326282-4326341	exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_7895	LAMMELEMITAR	AGAP008021-PA	M3(Oxidation), M4(Oxidation), M8(Oxidation),"M3(Oxidation), M4(Oxidation)"	76	4.34E-07	2	1408.706	4.31	Malpighian tubule	3R:+:4326195-4326230	exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_20455	QALINIPANPLQFELRDVDH	AGAP008021-PA	-	40	0.000762973	1	2303.234	8.47	Ovary	3R:+:4326282-4326341	exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_84645	QALINIPANPLQFELR	AGAP008021-PA	-	91	2.83E-09	1	1837.035	1	Malpighian tubule	3R:+:4326282-4326329	exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_94589	QALINIPANPLQFELR	AGAP008021-PA	-	77	6.20E-08	1	1837.034	0.53	Visceras	3R:+:4326282-4326329	exon=> In CDS Exon 2 of transcript AGAP008021-PA

JHU_Ag_105665	QALINIPANPLQFELR	AGAP008021-PA	-	40	0.000332889	2	1837.042	4.78	Head	3R:+:4326282-4326329	exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_116827	QALINIPANPLQFELR	AGAP008021-PA	Q1(Deamidated)	65	1.03E-06	1	1837.033	-0.07	Midgut	3R:+:4326282-4326329	exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_11199	LYVDQVDAVAR	AGAP008022-PA	-	49	0.000165908	2	1248.658	-0.26	Malpighian tubule	3R:+:4327429-4327461	exon=> In CDS Exon 3 of transcript AGAP008022-PA
JHU_Ag_13808	LGVLRPEQTTGAK	AGAP008022-PA	-	72	4.46E-07	1	1369.777	-2.43	Malpighian tubule	3R:+:4327648-4327686	exon=> In CDS Exon 4 of transcript AGAP008022-PA
JHU_Ag_44750	EAHPFIFLPFGFGAR	AGAP008022-PA	-	66	3.69E-06	1	1705.889	2.49	Malpighian tubule	3R:+:4328597-4328641	exon=> In CDS Exon 8 of transcript AGAP008022-PA
JHU_Ag_47045	LEFEPEYVLWK	AGAP008022-PA	-	38	0.002068081	1	1452.743	1.19	Midgut	3R:+:4327790-4327822	exon=> In CDS Exon 5 of transcript AGAP008022-PA
JHU_Ag_47959	EAHPFIFLPFGFGAR	AGAP008022-PA	-	40	0.001418815	3	1705.884	-0.84	Midgut	3R:+:4328597-4328641	exon=> In CDS Exon 8 of transcript AGAP008022-PA
JHU_Ag_60913	SILPHHDSPLTPENMR	AGAP008022-PA	M15(Oxidation)	57	2.91E-05	1	1859.909	1.29	Malpighian tubule	3R:+:4328250-4328297	exon=> In CDS Exon 7 of transcript AGAP008022-PA
JHU_Ag_106842	LYVDQVDAVAR	AGAP008022-PA	-	57	3.19E-05	2	1248.657	-0.75	Midgut	3R:+:4327429-4327461	exon=> In CDS Exon 3 of transcript AGAP008022-PA
JHU_Ag_61004	TIVNPVMMQPK	AGAP008022-PA,AGAP012800-PA,AGAP008020-PA	M8(Oxidation),"M7(Oxidation), M8(Oxidation)"	62	1.19E-05	2	1273.666	1.52	Malpighian tubule	3R:+:4327387-4327419;UNKN:-:30043376-30043344;3R:+:4324920-4324952	exon=> In CDS Exon 3 of transcript AGAP008022-PA;exon=> In CDS Exon 3 of transcript AGAP012800-PA;exon=> In CDS Exon 3 of transcript AGAP008020-PA
JHU_Ag_15360	AAQGFEWTLAK	AGAP008033-PA	-	57	3.06E-05	2	1221.626	-0.14	Male reproductive organs	3R:+:4762489-4762521	exon=> In CDS Exon 1 of transcript AGAP008033-PA
JHU_Ag_24061	ANLGLLYLQQGLLR	AGAP008033-PA	-	113	6.61E-12	1	1571.927	0.28	Midgut	3R:+:4762910-4762951	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_25299	ANLGLLYLQQGLLR	AGAP008033-PA	-	97	1.91E-10	1	1571.932	3.54	Pupa	3R:+:4762910-4762951	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_29623	EAIALAAQIPDLSEAGVYK	AGAP008033-PA	-	57	1.58E-05	2	1959.057	6.95	Larva	3R:+:4762853-4762909	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_31314	LFVNVMQR	AGAP008033-PA	-	35	0.003237073	2	1006.548	-2.51	Midgut	3R:+:4762369-4762392	exon=> In CDS Exon 1 of transcript AGAP008033-PA
JHU_Ag_47726	EAIALAAQIPDLSEAGVYK	AGAP008033-PA	-	72	4.82E-07	2	1959.049	2.9	Midgut	3R:+:4762853-4762909	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_71332	ANLGLLYLQQGLLR	AGAP008033-PA	-	96	2.78E-10	2	1571.929	1.6	Head	3R:+:4762910-4762951	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_73284	VAHLAQLQGHLDK	AGAP008033-PA	-	110	9.07E-11	1	1429.799	5.62	Midgut	3R:+:4762450-4762488	exon=> In CDS Exon 1 of transcript AGAP008033-PA
JHU_Ag_95529	QASEFCTFAWR	AGAP008033-PA	C6(Carbamidomethyl)	64	2.92E-06	2	1402.622	0.6	Midgut	3R:+:4762952-4762984	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_102428	HEETVQQASYCLEQIK	AGAP008033-PA	C11(Carbamidomethyl)	81	1.04E-07	2	1962.924	0.45	Head	3R:+:4763003-4763050	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_103710	AAQGFEWTLAK	AGAP008033-PA	-	40	0.001501539	2	1221.629	1.86	Head	3R:+:4762489-4762521	exon=> In CDS Exon 1 of transcript AGAP008033-PA
JHU_Ag_106312	QASEFCTFAWR	AGAP008033-PA	C6(Carbamidomethyl)	47	0.000165637	1	1402.618	-2.36	Head	3R:+:4762952-4762984	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_116642	ANLGLLYLQQGLLR	AGAP008033-PA	-	110	7.89E-12	1	1571.936	6.03	Larva	3R:+:4762910-4762951	exon=> In CDS Exon 2 of transcript AGAP008033-PA
JHU_Ag_50405	FMDTILLSLAR	AGAP008037-PA	M2(Oxidation)	60	7.49E-06	2	1295.706	2.79	Malpighian tubule	3R:-:4790397-4790365	exon=> In CDS Exon 2 of transcript AGAP008037-PA
JHU_Ag_35572	MKQESSHK	AGAP008038-PA,AGAP008039-PA	Q3(Deamidated)	33	0.003453279	1	975.446	-11.16	Midgut	3R:+:4791620-4791643;3R:+:4797515-4797538	exon=> In CDS Exon 1 of transcript AGAP008038-PA;exon=> In CDS Exon 1 of transcript AGAP008039-PA

JHU_Ag_104005	MKQESSHK	AGAP008038-PA,AGAP008039-PA	Q3(Deamidated)	39	0.000960212	1	975.448	-8.6	Salivary gland	3R:+:4791620-4791643;3R:+:4797515-4797538	exon=> In CDS Exon 1 of transcript AGAP008038-PA;exon=> In CDS Exon 1 of transcript AGAP008039-PA
JHU_Ag_33054	LQGPGDASLFDVYDEQK	AGAP008039-PA	-	109	1.88E-10	1	1881.889	1.46	Male reproductive organs	3R:+:4798617-4798667	exon=> In CDS Exon 3 of transcript AGAP008039-PA
JHU_Ag_85238	TINWYGLLNR	AGAP008039-PA	-	48	0.000210552	2	1249.668	-0.74	Male reproductive organs	3R:+:4798560-4798589	exon=> In CDS Exon 3 of transcript AGAP008039-PA
JHU_Ag_16748	MNLHEPVDPNKPFDELTPEEK	AGAP008041-PA	N-Term(Acetyl), M1(Oxidation)	62	9.85E-06	1	2537.187	0.24	Midgut	3R:+:4800980-4801012,4801090-4801119	exon=> In CDS Exon 1 and 2 of transcript AGAP008041-PA
JHU_Ag_37557	GMLTFDVPFR	AGAP008043-PA	-	54	5.84E-05	2	1182.596	-1.31	Visceras	3R:-:4804918-4804889	exon=> In CDS Exon 1 of transcript AGAP008043-PA
JHU_Ag_86250	QFISPQTGDVLSYR	AGAP008043-PA	-	43	0.000738221	2	1610.818	0.12	Midgut	3R:-:4805026-4804985	exon=> In CDS Exon 1 of transcript AGAP008043-PA
JHU_Ag_117044	QFISPQTGDVLSYR	AGAP008043-PA	-	92	9.81E-09	2	1610.820	1.79	Visceras	3R:-:4805026-4804985	exon=> In CDS Exon 1 of transcript AGAP008043-PA
JHU_Ag_117522	QFISPQTGDVLSYR	AGAP008043-PA	-	63	7.12E-06	1	1610.820	1.49	Ovary	3R:-:4805026-4804985	exon=> In CDS Exon 1 of transcript AGAP008043-PA
JHU_Ag_28	ELWFNPTEAEPLK	AGAP008044-PA	-	63	8.32E-06	1	1573.791	0.98	Head	3R:+:4807344-4807382	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_1412	VAIVGGGFLGSELACALSK	AGAP008044-PA	C15(Carbamidomethyl)	64	3.48E-06	2	1848.990	0.61	Ovary	3R:+:4807713-4807769	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_1809	SVYDFEQLSSQLQDGNR	AGAP008044-PA	-	113	6.56E-11	2	1985.927	3.74	Visceras	3R:+:4807662-4807712	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_1844	ILDQHTEYDDLNEVAK	AGAP008044-PA	-	91	1.08E-08	1	1902.909	0.63	Head	3R:+:4808696-4808743	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_2550	VLPEYLSSWTTER	AGAP008044-PA	-	53	6.88E-05	2	1580.798	1.56	Visceras	3R:+:4807839-4807877	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_6857	SIFYEPNDYYIDPSK	AGAP008044-PA	-	68	2.15E-06	2	1850.849	0.5	Male reproductive organs	3R:+:4807410-4807454	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_7761	ELWFNPTEAEPLK	AGAP008044-PA	-	40	0.001797214	2	1573.790	0.13	Midgut	3R:+:4807344-4807382	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_10656	VIVAVGSEPNTDLAK	AGAP008044-PA	-	48	0.000138197	1	1512.829	1.1	Ovary	3R:+:4807992-4808036	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_12181	EQQEPEDSFDKGVIFYLR	AGAP008044-PA	-	41	0.001170885	3	2200.067	5.32	Head	3R:+:4808579-4808632	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_13123	KILDQHTEYDDLNEVAK	AGAP008044-PA	-	43	0.000972832	1	2031.004	0.31	Ovary	3R:+:4808693-4808743	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_14695	VIVAVGSEPNTDLAK	AGAP008044-PA	-	45	0.000314638	2	1512.828	0.45	Male reproductive organs	3R:+:4807992-4808036	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_24469	VLPEYLSSWTTER	AGAP008044-PA	-	86	4.03E-08	1	1580.798	1.49	Ovary	3R:+:4807839-4807877	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_25705	AILTDGTEISYDK	AGAP008044-PA	-	55	4.76E-05	2	1425.714	2.43	Ovary	3R:+:4807533-4807571	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_27114	VLPEYLSSWTTER	AGAP008044-PA	-	80	1.45E-07	1	1580.803	4.57	Head	3R:+:4807839-4807877	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_28453	SVYDFEQLSSQLQDGNR	AGAP008044-PA	-	94	4.47E-09	1	1985.921	0.48	Ovary	3R:+:4807662-4807712	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_30331	VEHHDHAIVSGR	AGAP008044-PA	-	36	0.003007132	1	1356.675	-1.14	Head	3R:+:4808166-4808201	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_37934	SVYDFEQLSSQLQDGNR	AGAP008044-PA	-	94	4.40E-09	1	1985.915	-2.72	Male reproductive organs	3R:+:4807662-4807712	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_39593	LSDAPNGGVAVAR	AGAP008044-PA	-	76	2.28E-07	2	1226.649	0.3	Visceras	3R:+:4807455-4807493	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_39662	SVYDFEQLSSQLQDGNR	AGAP008044-PA	-	105	3.83E-10	1	1985.912	-3.88	Midgut	3R:+:4807662-4807712	exon=> In CDS Exon 3 of transcript AGAP008044-PA

JHU_Ag_40398	NLPIFESAPR	AGAP008044-PA	-	35	0.004106589	2	1143.615	-0.29	Ovary	3R:+:4807602-4807631	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_42654	ELWFNPTEAEPLK	AGAP008044-PA	-	41	0.001275022	2	1573.792	1.45	Visceras	3R:+:4807344-4807382	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_42816	SIFYEPNDYYIDPSK	AGAP008044-PA	-	39	0.001663196	2	1850.851	1.56	Head	3R:+:4807410-4807454	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_43119	VIVAVGSEPNTDLAK	AGAP008044-PA	-	57	1.81E-05	1	1512.828	0.77	Visceras	3R:+:4807992-4808036	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_46836	AILTDGTEISYDK	AGAP008044-PA	-	81	1.22E-07	2	1425.713	1.83	Head	3R:+:4807533-4807571	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_49949	VVGLVLWNVFNR	AGAP008044-PA	-	66	1.18E-06	2	1415.818	1.2	Ovary	3R:+:4808642-4808677	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_50932	ELWFNPTEAEPLK	AGAP008044-PA	-	52	0.000108044	2	1573.789	-0.41	Male reproductive organs	3R:+:4807344-4807382	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_55450	SVYDFEQLSSQLQDGNR	AGAP008044-PA	-	91	1.25E-08	2	1985.924	2.02	Head	3R:+:4807662-4807712	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_60394	SIFYEPNDYYIDPSKLSDAPNGGVAVAR	AGAP008044-PA	-	46	0.000366301	1	3058.487	2.37	Head	3R:+:4807410-4807493	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_62399	VIVAVGSEPNTDLAK	AGAP008044-PA	-	51	6.14E-05	1	1512.828	1.01	Midgut	3R:+:4807992-4808036	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_63311	ELWFNPTEAEPLK	AGAP008044-PA	-	39	0.001814788	2	1573.793	2.07	Ovary	3R:+:4807344-4807382	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_64605	VVGLVLWNVFNR	AGAP008044-PA	-	73	2.57E-07	1	1415.821	3.62	Visceras	3R:+:4808642-4808677	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_69971	VVGLVLWNVFNR	AGAP008044-PA	-	72	3.16E-07	2	1415.819	2.32	Head	3R:+:4808642-4808677	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_70066	SIFYEPNDYYIDPSKLSDAPNGGVAVAR	AGAP008044-PA	-	120	1.25E-11	1	3058.496	5.54	Malpighian tubule	3R:+:4807410-4807493	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_72666	HVPYLLVGGGTASIAAFR	AGAP008044-PA	-	99	6.06E-10	1	1829.016	4.95	Malpighian tubule	3R:+:4807203-4807256	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_73634	RVEHHDHAIVSGR	AGAP008044-PA	-	43	0.000685104	1	1512.780	1.18	Malpighian tubule	3R:+:4808163-4808201	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_74585	VLPEYLSSWTTER	AGAP008044-PA	-	51	0.000108071	2	1580.799	2.1	Malpighian tubule	3R:+:4807839-4807877	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_80360	SVYDFEQLSSQLQDGNR	AGAP008044-PA	-	73	6.70E-07	2	1985.931	5.71	Malpighian tubule	3R:+:4807662-4807712	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_81846	ILDQHTEYDDLNEVAK	AGAP008044-PA	-	106	3.57E-10	1	1902.911	1.4	Ovary	3R:+:4808696-4808743	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_82057	VIVAVGSEPNTDLAK	AGAP008044-PA	-	58	1.52E-05	2	1512.828	0.61	Head	3R:+:4807992-4808036	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_83488	LFNLHDR	AGAP008044-PA	-	46	0.000234164	2	914.483	-1.48	Head	3R:+:4808744-4808764	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_90965	VAIVGGGFLGSELACALSK	AGAP008044-PA	C15(Carbamidomethyl)	159	1.34E-15	1	1848.985	-2.29	Midgut	3R:+:4807713-4807769	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_93359	SNVFVAGDAACFYDTK	AGAP008044-PA	C11(Carbamidomethyl)	82	6.91E-08	2	1764.793	1.87	Ovary	3R:+:4808103-4808150	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_94435	VAIVGGGFLGSELACALSK	AGAP008044-PA	C15(Carbamidomethyl)	90	7.79E-09	2	1849.002	7.02	Head	3R:+:4807713-4807769	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_95343	KVEVFQLFHEGGNMAK	AGAP008044-PA	M14(Oxidation)	76	4.14E-07	1	1849.931	2.6	Head	3R:+:4807791-4807838	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_96020	KILDQHTEYDDLNEVAK	AGAP008044-PA	-	81	1.40E-07	1	2031.009	2.93	Head	3R:+:4808693-4808743	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_96228	ILDQHTEYDDLNEVAK	AGAP008044-PA	-	103	7.42E-10	1	1902.911	1.72	Malpighian tubule	3R:+:4808696-4808743	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_96994	SIFYEPNDYYIDPSK	AGAP008044-PA	-	70	1.54E-06	2	1850.857	4.86	Malpighian tubule	3R:+:4807410-4807454	exon=> In CDS Exon 3 of transcript AGAP008044-PA

JHU_Ag_97213	AILTDGTEISYDK	AGAP008044-PA	-	41	0.001298716	2	1425.716	3.63	Visceras	3R:+:4807533-4807571	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_101300	ILDQHTEYDDLNEVAK	AGAP008044-PA	Q4(Deamidated)	54	5.93E-05	2	1903.920	14.92	Midgut	3R:+:4808696-4808743	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_102195	LSDAPNGGVAVAR	AGAP008044-PA	-	76	2.50E-07	2	1226.651	1.99	Malpighian tubule	3R:+:4807455-4807493	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_103180	SIFYEPNDYYIDPSK	AGAP008044-PA	-	39	0.001663042	2	1850.850	1.03	Ovary	3R:+:4807410-4807454	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_107478	VAIVGGGFLGSELACALSK	AGAP008044-PA	C15(Carbamidomethyl)	139	1.02E-13	2	1848.995	3.25	Visceras	3R:+:4807713-4807769	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_115157	VLPEYLSSWTTER	AGAP008044-PA	-	75	4.49E-07	1	1580.798	1.41	Male reproductive organs	3R:+:4807839-4807877	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_116486	LQAANANVNVDVK	AGAP008044-PA	-	63	4.83E-06	2	1355.728	-0.08	Head	3R:+:4808498-4808536	exon=> In CDS Exon 4 of transcript AGAP008044-PA
JHU_Ag_116559	SNVFVAGDAACFYDTK	AGAP008044-PA	C11(Carbamidomethyl)	104	4.63E-10	1	1764.793	1.87	Head	3R:+:4808103-4808150	exon=> In CDS Exon 3 of transcript AGAP008044-PA
JHU_Ag_438	ANDSNPFEEEEEWDEGDGHDNLLVDNGEPGVPVK	AGAP008046-PA	-	117	1.07E-11	1	3752.610	-0.15	Head	3R:+:4845087-4845188	exon=> In CDS Exon 8 of transcript AGAP008046-PA
JHU_Ag_5919	SHHSDDQLLQAGSDSFWELNNYKR	AGAP008046-PA	N-Term(Acetyl)	101	9.23E-10	1	2889.330	3.8	Head	3R:+:4839624-4839695	exon=> In CDS Exon 1 of transcript AGAP008046-PA
JHU_Ag_6035	SHHSDDQLLQAGSDSFWELNNYKR	AGAP008046-PA	N-Term(Acetyl)	35	0.003563073	1	2889.345	8.95	Malpighian tubule	3R:+:4839624-4839695	exon=> In CDS Exon 1 of transcript AGAP008046-PA
JHU_Ag_9242	ALYDYEGAESDELTFK	AGAP008046-PA	-	52	7.15E-05	2	1850.840	3.72	Midgut	3R:+:4845189-4845236	exon=> In CDS Exon 8 of transcript AGAP008046-PA
JHU_Ag_14412	ALYDYEGAESDELTFK	AGAP008046-PA	-	100	1.20E-09	2	1850.834	0.62	Salivary gland	3R:+:4845189-4845236	exon=> In CDS Exon 8 of transcript AGAP008046-PA
JHU_Ag_15698	SHHSDDQLLQAGSDSFWELNNYK	AGAP008046-PA	N-Term(Acetyl)	36	0.001850833	1	2733.219	0.35	Malpighian tubule	3R:+:4839624-4839692	exon=> In CDS Exon 1 of transcript AGAP008046-PA
JHU_Ag_16836	AAPGGAVVTNGNSGTNGK	AGAP008046-PA	N16(Deamidated),N12(Deamidated),N10(Deamidated)	106	4.01E-10	1	1571.782	3	Head	3R:+:4844943-4844968,4845059-4845086	exon=> In CDS Exon 7 and 8 of transcript AGAP008046-PA
JHU_Ag_31563	LCTELQTLIQER	AGAP008046-PA	C2(Carbamidomethyl)	98	2.41E-09	2	1503.785	0.98	Midgut	3R:+:4839800-4839835	exon=> In CDS Exon 2 of transcript AGAP008046-PA
JHU_Ag_32754	LCTELQTLIQER	AGAP008046-PA	C2(Carbamidomethyl)	94	6.08E-09	2	1503.791	4.79	Salivary gland	3R:+:4839800-4839835	exon=> In CDS Exon 2 of transcript AGAP008046-PA
JHU_Ag_36148	NSTALSISNSTSNNR	AGAP008046-PA	-	50	0.000163881	2	1565.749	-1.68	Ovary	3R:+:4844799-4844843	exon=> In CDS Exon 7 of transcript AGAP008046-PA
JHU_Ag_37900	SHHSDDQLLQAGSDSFWELNNYKR	AGAP008046-PA	N-Term(Acetyl)	52	6.69E-05	1	2889.316	-1.02	Midgut	3R:+:4839624-4839695	exon=> In CDS Exon 1 of transcript AGAP008046-PA
JHU_Ag_38221	EFHHTINNADHQK	AGAP008046-PA	-	61	1.30E-05	1	1590.750	5.95	Midgut	3R:+:4842474-4842512	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_40172	DRYEQTLSEIK	AGAP008046-PA	-	54	5.98E-05	1	1381.693	-2.11	Midgut	3R:+:4842285-4842317	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_40542	ANDSNPFEEEEEWDEGDGHDNLLVDNGEPGVPVK	AGAP008046-PA	-	108	8.01E-11	1	3752.609	-0.54	Malpighian tubule	3R:+:4845087-4845188	exon=> In CDS Exon 8 of transcript AGAP008046-PA
JHU_Ag_44144	EFHHTINNADHQK	AGAP008046-PA	-	48	0.000203105	1	1590.741	0.04	Head	3R:+:4842474-4842512	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_49697	SKEALPAAPITLIHQRPVAEDVHEYPPPPPANNNR	AGAP008046-PA	-	60	3.99E-06	1	3839.017	4.6	Malpighian tubule	3R:+:4843829-4843897,4844742-4844777	exon=> In CDS Exon 6 and 7 of transcript AGAP008046-PA
JHU_Ag_50241	LSDLHLK	AGAP008046-PA	-	35	0.000960063	2	825.480	-4.01	Head	3R:+:4841780-4841800	exon=> In CDS Exon 3 of transcript AGAP008046-PA
JHU_Ag_51431	NSTALSISNSTSNNR	AGAP008046-PA	-	91	1.49E-08	2	1565.753	1.29	Head	3R:+:4844799-4844843	exon=> In CDS Exon 7 of transcript AGAP008046-PA
JHU_Ag_54401	ALYDYEGAESDELTFK	AGAP008046-PA	-	83	5.44E-08	2	1850.835	0.88	Malpighian tubule	3R:+:4845189-4845236	exon=> In CDS Exon 8 of transcript AGAP008046-PA

JHU_Ag_54455	ALYDYEGAESDELTFK	AGAP008046-PA	-	112	8.29E-11	1	1850.837	2.27	Head	3R:+:4845189-4845236	exon=> In CDS Exon 8 of transcript AGAP008046-PA
JHU_Ag_58210	ANDSNPFEEEEEWDEGDGHDNLLVDNGEPGVPVK	AGAP008046-PA	-	71	4.81E-07	1	3752.621	2.68	Ovary	3R:+:4845087-4845188	exon=> In CDS Exon 8 of transcript AGAP008046-PA
JHU_Ag_64548	AAPGGAVVTNGNSGTNGK	AGAP008046-PA	N16(Deamidated)	61	1.21E-05	2	1572.763	0.82	Salivary gland	3R:+:4844943-4844968,4845059-4845086	exon=> In CDS Exon 7 and 8 of transcript AGAP008046-PA
JHU_Ag_73891	SHHSDDQLLQAGSDSFWELNNYK	AGAP008046-PA	N-Term(Acetyl)	130	8.21E-13	1	2733.219	0.35	Midgut	3R:+:4839624-4839692	exon=> In CDS Exon 1 of transcript AGAP008046-PA
JHU_Ag_73905	EYNPVYIESMTNVFR	AGAP008046-PA	M10(Oxidation)	62	1.11E-05	2	1877.882	4.58	Salivary gland	3R:+:4842318-4842362	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_76064	SHHSDDQLLQAGSDSFWELNNYK	AGAP008046-PA	N-Term(Acetyl)	145	2.41E-14	1	2733.221	1.35	Ovary	3R:+:4839624-4839692	exon=> In CDS Exon 1 of transcript AGAP008046-PA
JHU_Ag_77908	DRYEQTLSEIK	AGAP008046-PA	-	57	2.33E-05	1	1381.700	2.75	Head	3R:+:4842285-4842317	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_80077	EYNPVYIESMTNVFR	AGAP008046-PA	M10(Oxidation)	80	1.84E-07	2	1861.879	0.25	Midgut	3R:+:4842318-4842362	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_82356	LCTELQTLIQER	AGAP008046-PA	C2(Carbamidomethyl)	76	3.78E-07	2	1503.784	0.57	Ovary	3R:+:4839800-4839835	exon=> In CDS Exon 2 of transcript AGAP008046-PA
JHU_Ag_82748	GPEYGTTEAAWK	AGAP008046-PA	-	60	1.33E-05	2	1309.608	1.62	Head	3R:+:4839908-4839908,4841721-4841755	exon=> In CDS Exon 2 and 3 of transcript AGAP008046-PA
JHU_Ag_84429	GPEYGTTEAAWK	AGAP008046-PA	-	53	6.68E-05	2	1309.605	-0.9	Salivary gland	3R:+:4839908-4839908,4841721-4841755	exon=> In CDS Exon 2 and 3 of transcript AGAP008046-PA
JHU_Ag_84817	TTTPTPNNDSPK	AGAP008046-PA	-	38	0.001682658	2	1272.608	1.29	Malpighian tubule	3R:+:4844844-4844879	exon=> In CDS Exon 7 of transcript AGAP008046-PA
JHU_Ag_85778	LEDEDEQGWCK	AGAP008046-PA	C10(Carbamidomethyl)	42	0.0001612	2	1408.570	0.9	Head	3R:+:4845319-4845351	exon=> In CDS Exon 9 of transcript AGAP008046-PA
JHU_Ag_94568	GPEYGTTEAAWK	AGAP008046-PA	-	68	2.52E-06	2	1309.606	0.31	Ovary	3R:+:4839908-4839908,4841721-4841755	exon=> In CDS Exon 2 and 3 of transcript AGAP008046-PA
JHU_Ag_94688	NSTALSISNSTSNNR	AGAP008046-PA	-	95	5.34E-09	2	1565.760	5.5	Malpighian tubule	3R:+:4844799-4844843	exon=> In CDS Exon 7 of transcript AGAP008046-PA
JHU_Ag_105813	EFHHTINNADHQK	AGAP008046-PA	-	63	8.66E-06	1	1590.751	6.64	Malpighian tubule	3R:+:4842474-4842512	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_106035	AAPGGAVVTNGNSGTNGK	AGAP008046-PA	N16(Deamidated),N12(Deamidated),N10(Deamidated)	65	5.55E-06	2	1572.768	4.39	Malpighian tubule	3R:+:4844943-4844968,4845059-4845086	exon=> In CDS Exon 7 and 8 of transcript AGAP008046-PA
JHU_Ag_106178	LCTELQTLIQER	AGAP008046-PA	C2(Carbamidomethyl)	69	1.81E-06	1	1503.788	3.17	Head	3R:+:4839800-4839835	exon=> In CDS Exon 2 of transcript AGAP008046-PA
JHU_Ag_106794	IEDGYK	AGAP008046-PA	-	36	0.003546622	1	724.352	1.48	Visceras	3R:+:4839708-4839724,4839799-4839799	exon=> In CDS Exon 1 and 2 of transcript AGAP008046-PA
JHU_Ag_108251	GPEYGTTEAAWK	AGAP008046-PA	-	68	2.36E-06	1	1309.600	-4.44	Midgut	3R:+:4839908-4839908,4841721-4841755	exon=> In CDS Exon 2 and 3 of transcript AGAP008046-PA
JHU_Ag_113221	EYNPVYIESMTNVFR	AGAP008046-PA	-	61	1.44E-05	2	1861.883	2.09	Head	3R:+:4842318-4842362	exon=> In CDS Exon 5 of transcript AGAP008046-PA
JHU_Ag_113732	ALYDYEGAESDELTFK	AGAP008046-PA	-	74	3.89E-07	2	1850.834	0.68	Ovary	3R:+:4845189-4845236	exon=> In CDS Exon 8 of transcript AGAP008046-PA
JHU_Ag_83977	SRKPDLLLEIIQR	AGAP008047-PA	-	27	0.002650536	1	1580.962	8.81	Ovary	3R:+:4852834-4852872	exon=> In CDS Exon 1 of transcript AGAP008047-PA
JHU_Ag_107364	INTYNALRR	AGAP008047-PA	N2(Deamidated), N5(Deamidated)	40	0.001676928	1	1122.579	-9.66	Salivary gland	3R:+:4856704-4856730	exon=> In CDS Exon 1 of transcript AGAP008047-PA

JHU_Ag_95097	TPGGVFLFLLK	AGAP008050-PA,AGAP008050-PB	-	68	2.76E-07	1	1191.719	4.81	Ovary	3R:-:4863443-4863411;3R:-:4863443-4863411	exon=> In CDS Exon 5 of transcript AGAP008050-PA;exon=> In CDS Exon 5 of transcript AGAP008050-PB
JHU_Ag_12531	ILPDALQTNCEK	AGAP008051-PA	C10(Carbamidomethyl)	79	1.92E-07	2	1401.706	1.46	Head	3R:-:4867105-4867070	exon=> In CDS Exon 1 of transcript AGAP008051-PA
JHU_Ag_34829	YDNINVDEILK	AGAP008051-PA	-	75	6.54E-07	1	1335.680	1.01	Head	3R:-:4867219-4867187	exon=> In CDS Exon 1 of transcript AGAP008051-PA
JHU_Ag_35486	YTSKYDNINVDEILK	AGAP008051-PA	-	57	3.05E-05	2	1814.917	0.16	Head	3R:-:4867231-4867187	exon=> In CDS Exon 1 of transcript AGAP008051-PA
JHU_Ag_65080	VINYLIQNR	AGAP008051-PA	-	62	4.21E-06	2	1132.648	0.89	Head	3R:-:4867036-4867010	exon=> In CDS Exon 1 of transcript AGAP008051-PA
JHU_Ag_81912	DQWDVLQK	AGAP008051-PA	-	35	0.004396 34	1	1031.518	2.08	Head	3R:-:4867006-4866983	exon=> In CDS Exon 1 of transcript AGAP008051-PA
JHU_Ag_99371	VINYLIQNR	AGAP008051-PA	-	32	0.003910 581	1	1132.650	2.68	Visceras	3R:-:4867036-4867010	exon=> In CDS Exon 1 of transcript AGAP008051-PA
JHU_Ag_113508	ILPDALQTNCEK	AGAP008051-PA	C10(Carbamidomethyl)	38	0.002257 831	2	1401.701	-2.2	Midgut	3R:-:4867105-4867070	exon=> In CDS Exon 1 of transcript AGAP008051-PA
JHU_Ag_10009	LFNNYFK	AGAP008052-PA	-	39	0.001742 686	1	945.485	2.2	Head	3R:+:4868926-4868946	exon=> In CDS Exon 1 of transcript AGAP008052-PA
JHU_Ag_32201	KYDPENLYVEK	AGAP008052-PA	-	96	3.22E-09	1	1397.692	-1.84	Head	3R:+:4869121-4869153	exon=> In CDS Exon 1 of transcript AGAP008052-PA
JHU_Ag_58997	YDGIDLDEILK	AGAP008052-PA	-	42	0.000917 353	2	1293.664	4.77	Visceras	3R:+:4868884-4868916	exon=> In CDS Exon 1 of transcript AGAP008052-PA
JHU_Ag_79611	YDGIDLDEILK	AGAP008052-PA	-	68	2.83E-06	2	1293.661	2.5	Head	3R:+:4868884-4868916	exon=> In CDS Exon 1 of transcript AGAP008052-PA
JHU_Ag_29096	SSSTSTIQNLIACNSGK	AGAP008053-PA	C13(Carbamidomethyl)	44	0.000602 46	2	1767.865	5.91	Salivary gland	3R:+:4871180-4871230	exon=> In CDS Exon 4 of transcript AGAP008053-PA
JHU_Ag_56316	GYSLDGTTVGGYGLK	AGAP008053-PA	-	42	0.000780 068	2	1487.744	4.03	Salivary gland	3R:+:4871567-4871611	exon=> In CDS Exon 4 of transcript AGAP008053-PA
JHU_Ag_3548	VINYLIDNR	AGAP008054-PB	-	62	6.71E-06	2	1119.622	5.28	Larva	3R:+:4881146-4881172	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_10198	VINYLIDNRK	AGAP008054-PB	-	76	1.66E-07	1	1247.711	0.33	Head	3R:+:4881146-4881175	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_15832	KYDPENIYVNK	AGAP008054-PB	-	58	2.31E-05	1	1382.697	1.61	Visceras	3R:+:4881200-4881232	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_19152	YDGVDLDEILK	AGAP008054-PB	-	70	1.81E-06	2	1279.640	-1.46	Midgut	3R:+:4880963-4880995	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_37632	YDGVDLDEILK	AGAP008054-PB	-	64	6.65E-06	1	1279.645	2.55	Head	3R:+:4880963-4880995	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_42040	VINYLIDNR	AGAP008054-PB	-	69	1.65E-06	2	1119.617	1.24	Malpighian tubule	3R:+:4881146-4881172	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_62761	YDGVDLDEILK	AGAP008054-PB	-	51	0.000124 201	2	1279.645	2.46	Larva	3R:+:4880963-4880995	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_67700	KYDPENIYVNK	AGAP008054-PB	-	60	1.52E-05	2	1382.695	-0.34	Malpighian tubule	3R:+:4881200-4881232	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_77883	YTTKYDGVDLDEILK	AGAP008054-PB	-	62	8.56E-06	2	1772.902	3.84	Head	3R:+:4880951-4880995	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_83482	VINYLIDNR	AGAP008054-PB	-	56	3.20E-05	1	1119.614	-1.26	Head	3R:+:4881146-4881172	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_90152	KYDPENIYVNK	AGAP008054-PB	-	75	4.46E-07	1	1382.690	-3.51	Head	3R:+:4881200-4881232	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_104215	RILPDALK	AGAP008054-PB	-	38	0.000229 15	1	925.577	-5.99	Head	3R:+:4881074-4881097	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_110097	YDGVDLDEILK	AGAP008054-PB	-	64	7.04E-06	1	1279.646	3.12	Visceras	3R:+:4880963-4880995	exon=> In CDS Exon 1 of transcript AGAP008054-PB

JHU_Ag_112315	KYDPENIYVNK	AGAP008054-PB	-	41	0.001067239	2	1382.697	1.34	Larva	3R:+:4881200-4881232	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_112899	VINYLIDNRK	AGAP008054-PB	-	30	0.005712839	1	1247.712	1.41	Malpighian tubule	3R:+:4881146-4881175	exon=> In CDS Exon 1 of transcript AGAP008054-PB
JHU_Ag_69985	YDNIDLEEIFSSK	AGAP008055-PA	-	54	6.19E-05	2	1572.747	2.32	Head	3R:-:4884081-4884043	exon=> In CDS Exon 1 of transcript AGAP008055-PA
JHU_Ag_80959	DNLPDALMSDCVK	AGAP008055-PA	M8(Oxidation), C11(Carbamidomethyl)	51	6.60E-05	2	1493.665	2.4	Head	3R:-:4883970-4884159,4883556-4883835	exon=> In CDS Exon 2 and 1 of transcript AGAP008055-PA
JHU_Ag_12454	VIAHLEER	AGAP008059-PB	-	36	0.00182735	1	966.533	-3.43	Head	3R:+:4932269-4932292	exon=> In CDS Exon 2 of transcript AGAP008059-PB
JHU_Ag_224	VFSGDSVLDEK	AGAP008060-PA	-	66	3.74E-06	2	1195.587	2.64	Larva	3R:+:4936351-4936383	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_295	LIVSIPTFGR	AGAP008060-PA	-	36	0.001067747	2	1102.661	-1.26	Visceras	3R:+:4936772-4936801	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_2672	NLGGIAINDLSYDDFR	AGAP008060-PA	-	111	1.14E-10	1	1782.873	3.9	Larva	3R:+:4937114-4937161	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_6927	YLTLLESGAAR	AGAP008060-PA	-	74	4.10E-07	2	1193.654	1.64	Ovary	3R:+:4936180-4936212	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_9654	VLLGLGGYK	AGAP008060-PA	-	40	0.000236691	2	919.561	-0.49	Male reproductive organs	3R:+:4936132-4936158	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_9928	VLLGLGGYK	AGAP008060-PA	-	34	0.000660832	2	919.563	1.83	Ovary	3R:+:4936132-4936158	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_12939	FGSYAFR	AGAP008060-PA	-	56	4.53E-05	2	847.409	-0.97	Pupa	3R:+:4937003-4937023	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_14458	VLCYYDAANFLIEGLGK	AGAP008060-PA	C3(Carbamidomethyl)	125	5.64E-12	1	1945.976	1.6	Head	3R:+:4934533-4934572,4935941-4935951	exon=> In CDS Exon 1 and 2 of transcript AGAP008060-PA
JHU_Ag_15378	STLGGVWHGFKK	AGAP008060-PA	-	65	4.19E-06	1	1316.712	0.42	Pupa	3R:+:4936315-4936350	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_15999	GSCAGEKFPILR	AGAP008060-PA	C3(Carbamidomethyl)	83	8.77E-08	1	1334.690	1.13	Pupa	3R:+:4937162-4937197	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_16197	STLGGVWHGFK	AGAP008060-PA	-	36	0.003398864	1	1188.623	5.5	Male reproductive organs	3R:+:4936315-4936347	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_20037	AKNLGGIAINDLSYDDFR	AGAP008060-PA	-	42	0.000973538	1	1982.006	3.86	Pupa	3R:+:4937108-4937161	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_21228	LWLTNNAPASK	AGAP008060-PA	-	83	6.53E-08	1	1214.655	1.43	Malpighian tubule	3R:+:4936660-4936664,4936744-4936771	exon=> In CDS Exon 2 and 3 of transcript AGAP008060-PA
JHU_Ag_21307	EADHAAPLYELSDRVPGNNVDGQVR	AGAP008060-PA	-	143	7.43E-14	1	2722.323	1.91	Pupa	3R:+:4936585-4936659	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_21910	VFSGDSVLDEK	AGAP008060-PA	-	69	1.66E-06	2	1195.585	0.39	Male reproductive organs	3R:+:4936351-4936383	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_22832	EADHAAPLYELSDR	AGAP008060-PA	-	75	3.63E-07	1	1586.745	-0.02	Pupa	3R:+:4936585-4936626	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_23783	GADAPLRK	AGAP008060-PA	-	39	0.000865748	1	827.473	-0.07	Male reproductive organs	3R:+:4936958-4936981	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_24056	NLGGIAINDLSYDDFR	AGAP008060-PA	N8(Deamidated)	137	3.30E-13	1	1782.870	2.12	Pupa	3R:+:4937114-4937161	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_24150	VPGNNVDGQVR	AGAP008060-PA	-	65	3.37E-06	1	1154.590	-0.82	Head	3R:+:4936627-4936659	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_24357	LWLTNNAPASK	AGAP008060-PA	-	75	4.37E-07	1	1214.653	0.12	Pupa	3R:+:4936660-4936664,4936744-4936771	exon=> In CDS Exon 2 and 3 of transcript AGAP008060-PA
JHU_Ag_26196	YLTLLESGAAR	AGAP008060-PA	-	58	1.66E-05	2	1193.654	1.43	Larva	3R:+:4936180-4936212	exon=> In CDS Exon 2 of transcript AGAP008060-PA

JHU_Ag_26396	KVFSGDSVLDEK	AGAP008060-PA	-	79	1.66E-07	2	1323.679	0.26	Pupa	3R:+:4936348-4936383	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_34446	GADAPLRK	AGAP008060-PA	-	30	0.005497381	1	827.471	-3.39	Head	3R:+:4936958-4936981	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_34971	EADHAAPLYELSDRVPGNNVDGQVR	AGAP008060-PA	-	104	6.07E-10	1	2722.321	0.9	Malpighian tubule	3R:+:4936585-4936659	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_38525	STLGGVWHGFK	AGAP008060-PA	-	37	0.003517876	1	1188.615	-0.57	Pupa	3R:+:4936315-4936347	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_41365	YLTLLESGAAR	AGAP008060-PA	-	75	3.32E-07	2	1193.651	-1.33	Male reproductive organs	3R:+:4936180-4936212	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_42283	TYGFDGVDLEWQFPMNKPK	AGAP008060-PA	M15(Oxidation)	72	9.18E-07	1	2288.071	0.52	Head	3R:+:4936249-4936305	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_43265	ITFINSVYSLLK	AGAP008060-PA	-	88	6.61E-09	1	1397.807	2.33	Pupa	3R:+:4936213-4936248	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_44985	NLGGIAINDLSYDDFR	AGAP008060-PA	-	119	1.86E-11	2	1782.872	3.69	Visceras	3R:+:4937114-4937161	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_49150	LIVSIPTFGR	AGAP008060-PA	-	49	5.73E-05	1	1102.662	0.18	Pupa	3R:+:4936772-4936801	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_49379	ITFINSVYSLLK	AGAP008060-PA	-	93	1.97E-09	2	1397.810	4.51	Larva	3R:+:4936213-4936248	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_50636	LIVSIPTFGR	AGAP008060-PA	-	51	2.87E-05	2	1102.664	1.95	Male reproductive organs	3R:+:4936772-4936801	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_51890	VPGNNVDGQVR	AGAP008060-PA	N4(Deamidated)	63	5.19E-06	2	1154.591	-0.39	Pupa	3R:+:4936627-4936659	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_52447	TYGFDGVDLEWQFPMNKPK	AGAP008060-PA	M15(Oxidation)	74	6.78E-07	1	2288.074	2.15	Larva	3R:+:4936249-4936305	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_54694	QPNLDLDTGKGNYR	AGAP008060-PA	-	71	1.51E-06	2	1590.789	0.87	Pupa	3R:+:4936051-4936092	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_55742	SKYPSLK	AGAP008060-PA	-	30	0.004446927	1	822.471	-1.74	Malpighian tubule	3R:+:4936111-4936131	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_55851	ITFINSVYSLLK	AGAP008060-PA	-	84	1.78E-08	2	1397.809	3.55	Ovary	3R:+:4936213-4936248	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_57762	NLGGIAINDLSYDDFR	AGAP008060-PA	-	116	3.51E-11	1	1782.872	3.76	Head	3R:+:4937114-4937161	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_58039	LWLTNNAPASK	AGAP008060-PA	-	56	3.41E-05	1	1214.651	-1.52	Head	3R:+:4936660-4936664,4936744-4936771	exon=> In CDS Exon 2 and 3 of transcript AGAP008060-PA
JHU_Ag_59145	VLLGLGGYK	AGAP008060-PA	-	59	1.85E-06	1	919.564	3.17	Head	3R:+:4936132-4936158	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_59666	FGSYAFR	AGAP008060-PA	-	61	1.62E-05	2	847.410	0.69	Head	3R:+:4937003-4937023	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_63737	LIVSIPTFGR	AGAP008060-PA	-	31	0.002295208	2	1102.665	2.39	Malpighian tubule	3R:+:4936772-4936801	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_63842	VLLGLGGYK	AGAP008060-PA	-	41	0.00012534	2	919.564	3.09	Larva	3R:+:4936132-4936158	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_69145	VFSGDSVLDEK	AGAP008060-PA	-	40	0.001461256	2	1195.586	1.31	Pupa	3R:+:4936351-4936383	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_77141	EEFTALLR	AGAP008060-PA	-	39	0.001695157	2	978.527	1.41	Pupa	3R:+:4936399-4936422	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_77843	STLGGVWHGFKK	AGAP008060-PA	-	70	1.30E-06	1	1316.712	0.51	Malpighian tubule	3R:+:4936315-4936350	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_80747	VLCYYDAANFLIEGLGK	AGAP008060-PA	C3(Carbamidomethyl)	120	1.76E-11	2	1945.973	-0.16	Visceras	3R:+:4934533-4934572,4935941-4935951	exon=> In CDS Exon 1 and 2 of transcript AGAP008060-PA
JHU_Ag_83431	FGSYAFR	AGAP008060-PA	-	49	0.000220046	2	847.412	3.21	Male reproductive organs	3R:+:4937003-4937023	exon=> In CDS Exon 3 of transcript AGAP008060-PA

JHU_Ag_84786	EADHAAPLYELSDR	AGAP008060-PA	-	91	1.21E-08	1	1586.746	0.98	Head	3R:+:4936585-4936626	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_85545	EADHAAPLYELSDRVPGNNVDGQVR	AGAP008060-PA	-	92	9.41E-09	1	2722.325	2.45	Visceras	3R:+:4936585-4936659	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_86709	VFSGDSVLDEK	AGAP008060-PA	-	72	8.72E-07	1	1195.585	0.66	Head	3R:+:4936351-4936383	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_88883	ITFINSVYSLLK	AGAP008060-PA	-	97	1.17E-09	2	1397.807	1.98	Head	3R:+:4936213-4936248	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_89550	LIVSIPTFGR	AGAP008060-PA	-	35	0.000939338	2	1102.666	3.83	Larva	3R:+:4936772-4936801	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_97912	ITFINSVYSLLK	AGAP008060-PA	-	78	5.94E-08	2	1397.811	5.04	Male reproductive organs	3R:+:4936213-4936248	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_100518	YLTLLESGAAR	AGAP008060-PA	-	76	2.62E-07	2	1193.653	0.51	Pupa	3R:+:4936180-4936212	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_102483	TYGFDGVDLEWQFPMNKPK	AGAP008060-PA	M15(Oxidation)	47	0.00031174	1	2288.071	0.52	Malpighian tubule	3R:+:4936249-4936305	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_103216	VLLGLGGYK	AGAP008060-PA	-	64	5.53E-07	1	919.562	0.5	Pupa	3R:+:4936132-4936158	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_103921	ITFINSVYSLLK	AGAP008060-PA	-	89	6.05E-09	2	1397.808	2.85	Visceras	3R:+:4936213-4936248	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_105161	STLGGVWHGFKK	AGAP008060-PA	-	48	0.000226654	2	1316.712	0.7	Larva	3R:+:4936315-4936350	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_105696	LIVSIPTFGR	AGAP008060-PA	-	52	2.93E-05	2	1102.662	0.4	Head	3R:+:4936772-4936801	exon=> In CDS Exon 3 of transcript AGAP008060-PA
JHU_Ag_109089	FSEPSIKYLTLLESGAAR	AGAP008060-PA	-	69	9.64E-07	1	1982.065	2.75	Malpighian tubule	3R:+:4936159-4936212	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_110611	TYGFDGVDLEWQFPMNKPK	AGAP008060-PA	M15(Oxidation)	36	0.004280308	1	2288.082	5.4	Ovary	3R:+:4936249-4936305	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_110678	LWLTNNAPASK	AGAP008060-PA	-	48	0.00021375	1	1214.656	2.23	Ovary	3R:+:4936660-4936664,4936744-4936771	exon=> In CDS Exon 2 and 3 of transcript AGAP008060-PA
JHU_Ag_110773	ITFINSVYSLLK	AGAP008060-PA	-	81	3.67E-08	2	1397.807	2.42	Malpighian tubule	3R:+:4936213-4936248	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_113210	EADHAAPLYELSDRVPGNNVDGQVR	AGAP008060-PA	-	119	1.76E-11	1	2722.320	0.57	Head	3R:+:4936585-4936659	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_113453	TYGFDGVDLEWQFPMNKPK	AGAP008060-PA	M15(Oxidation)	72	1.07E-06	1	2288.072	1	Pupa	3R:+:4936249-4936305	exon=> In CDS Exon 2 of transcript AGAP008060-PA
JHU_Ag_904	GLGGISINDLGLDDFR	AGAP008061-PA	-	100	1.62E-09	1	1661.854	2.64	Head	3R:+:4939821-4939868	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_8268	SLNEDLDLDSGK	AGAP008061-PA	-	73	7.49E-07	1	1305.621	3.13	Larva	3R:+:4938822-4938857	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_8758	ADEHREEFTALVR	AGAP008061-PA	-	65	5.54E-06	1	1572.779	1.37	Ovary	3R:+:4939170-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_9634	EGDYTAPIYEPAER	AGAP008061-PA	-	76	3.47E-07	1	1610.732	-1	Pupa	3R:+:4939371-4939412	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_10765	YLTLLESGGSR	AGAP008061-PA	-	43	0.000642241	2	1195.632	0.6	Male reproductive organs	3R:+:4938966-4938998	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_10967	DLGEEKPFEK	AGAP008061-PA	-	64	6.70E-06	1	1191.587	-1.62	Head	3R:+:4938936-4938965	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_10977	DNIDYVNVAAYDQQTPER	AGAP008061-PA	-	112	7.86E-11	1	2110.964	-1.66	Pupa	3R:+:4939308-4939361	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_11607	SLNEDLDLDSGK	AGAP008061-PA	-	38	0.002229989	2	1305.616	-0.7	Visceras	3R:+:4938822-4938857	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_13187	GLGGISINDLGLDDFR	AGAP008061-PA	-	92	1.02E-08	1	1661.855	3.52	Larva	3R:+:4939821-4939868	exon=> In CDS Exon 2 of transcript AGAP008061-PA

JHU_Ag_15549	DLGEEKPFEK	AGAP008061-PA	-	56	3.97E-05	1	1191.586	-3.16	Pupa	3R:+:4938936-4938965	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_16313	VFLSVGNYR	AGAP008061-PA	-	39	0.001173361	2	1054.566	-1.85	Head	3R:+:4938909-4938935	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_16587	LFTGDSVLDPK	AGAP008061-PA	-	67	3.21E-06	2	1191.627	1.24	Pupa	3R:+:4939137-4939169	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_17138	VLCYYDGSNALREGLGK	AGAP008061-PA	C3(Carbamidomethyl)	39	0.001962763	1	1914.936	-0.89	Malpighian tubule	3R:+:4938324-4938363,4938718-4938728	exon=> In CDS Exon 1 and 2 of transcript AGAP008061-PA
JHU_Ag_21749	ADEHREEFTALVR	AGAP008061-PA	-	69	1.79E-06	1	1572.781	3	Larva	3R:+:4939170-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_25943	IVVGIATYGR	AGAP008061-PA	-	68	1.05E-06	2	1048.615	0.38	Pupa	3R:+:4939479-4939508	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_26089	VLCYYDGSNALR	AGAP008061-PA	C3(Carbamidomethyl)	50	0.000114069	1	1430.677	2.87	Larva	3R:+:4938324-4938359	exon=> In CDS Exon 1 of transcript AGAP008061-PA
JHU_Ag_30917	EGDYTAPIYEPAER	AGAP008061-PA	-	63	5.77E-06	1	1610.735	0.74	Male reproductive organs	3R:+:4939371-4939412	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_32120	VLCYYDGSNALR	AGAP008061-PA	C3(Carbamidomethyl)	87	2.18E-08	1	1430.672	-1.23	Pupa	3R:+:4938324-4938359	exon=> In CDS Exon 1 of transcript AGAP008061-PA
JHU_Ag_36335	DNIDYVNVAAYDQQTPER	AGAP008061-PA	-	119	1.51E-11	1	2110.971	1.81	Head	3R:+:4939308-4939361	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_38783	EEFTALVR	AGAP008061-PA	-	39	0.001782923	2	964.509	-0.44	Pupa	3R:+:4939185-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_39424	VFLSVGNYR	AGAP008061-PA	-	46	0.00018484	1	1054.570	2.08	Pupa	3R:+:4938909-4938935	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_39455	DNIDYVNVAAYDQQTPER	AGAP008061-PA	-	139	1.79E-13	1	2110.976	4.12	Larva	3R:+:4939308-4939361	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_41234	IPDENDEHGIWLSYEDPESAGNK	AGAP008061-PA	-	51	7.37E-05	1	2615.162	3.34	Head	3R:+:4939731-4939799	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_41727	VLCYYDGSNALR	AGAP008061-PA	C3(Carbamidomethyl)	69	1.42E-06	1	1430.673	-0.21	Male reproductive organs	3R:+:4938324-4938359	exon=> In CDS Exon 1 of transcript AGAP008061-PA
JHU_Ag_42361	EGDYTAPIYEPAER	AGAP008061-PA	-	70	1.30E-06	2	1610.734	0.21	Head	3R:+:4939371-4939412	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_42660	TAFVNSAYSLLK	AGAP008061-PA	-	43	0.000436519	2	1313.718	6.12	Salivary gland	3R:+:4938999-4939034	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_43602	EGDYTAPIYEPAER	AGAP008061-PA	-	65	4.01E-06	1	1610.733	-0.09	Visceras	3R:+:4939371-4939412	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_47527	DNIDYVNVAAYDQQTPER	AGAP008061-PA	-	68	2.08E-06	2	2110.972	1.92	Salivary gland	3R:+:4939308-4939361	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_49560	YLTLLESGGSR	AGAP008061-PA	-	41	0.000880489	2	1195.639	6.12	Larva	3R:+:4938966-4938998	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_49610	VFLSVGNYR	AGAP008061-PA	-	48	0.00016293	1	1054.568	0.35	Male reproductive organs	3R:+:4938909-4938935	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_49999	SLNEDLDLDSGK	AGAP008061-PA	-	85	4.42E-08	1	1305.617	0.14	Pupa	3R:+:4938822-4938857	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_50593	VLCYYDGSNALR	AGAP008061-PA	C3(Carbamidomethyl)	75	3.20E-07	1	1430.673	-0.38	Head	3R:+:4938324-4938359	exon=> In CDS Exon 1 of transcript AGAP008061-PA
JHU_Ag_52820	VLCYYDGSNALR	AGAP008061-PA	C3(Carbamidomethyl)	84	4.73E-08	1	1430.674	0.73	Visceras	3R:+:4938324-4938359	exon=> In CDS Exon 1 of transcript AGAP008061-PA
JHU_Ag_53375	EGDYTAPIYEPAER	AGAP008061-PA	-	42	0.000807739	1	1610.736	1.8	Ovary	3R:+:4939371-4939412	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_56504	FGPYAFR	AGAP008061-PA	-	43	0.000340669	1	857.432	2.33	Male reproductive organs	3R:+:4939710-4939730	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_57111	TYEFDGLDLAWQFPQTKPK	AGAP008061-PA	-	103	6.37E-10	1	2284.133	1.8	Pupa	3R:+:4939035-4939091	exon=> In CDS Exon 2 of transcript AGAP008061-PA

JHU_Ag_57489	TAFVNSAYSLLK	AGAP008061-PA	-	56	2.67E-05	1	1313.710	-0.1	Head	3R:+:4938999-4939034	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_61143	FGPYAFR	AGAP008061-PA	-	43	0.000343682	2	857.430	-0.3	Head	3R:+:4939710-4939730	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_64919	GTCSGDKFPILR	AGAP008061-PA	C3(Carbamidomethyl)	49	0.00022883	1	1350.684	0.45	Pupa	3R:+:4939869-4939904	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_68945	GLGGISINDLGLDDFR	AGAP008061-PA	-	120	1.72E-11	1	1661.855	3.08	Visceras	3R:+:4939821-4939868	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_72053	TYEFDGLDLAWQFPQTKPK	AGAP008061-PA	-	67	2.80E-06	1	2284.132	1.56	Male reproductive organs	3R:+:4939035-4939091	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_74709	ADEHREEFTALVR	AGAP008061-PA	-	62	1.03E-05	1	1572.776	-0.26	Pupa	3R:+:4939170-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_75033	AWHSQGTPLDK	AGAP008061-PA	-	60	1.67E-05	1	1239.612	0.02	Pupa	3R:+:4939446-4939478	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_78921	DLGEEKPFEK	AGAP008061-PA	-	46	0.000412112	1	1191.593	3.4	Larva	3R:+:4938936-4938965	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_79382	TYEFDGLDLAWQFPQTKPK	AGAP008061-PA	-	97	2.56E-09	1	2284.145	7.41	Larva	3R:+:4939035-4939091	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_80120	EGDYTAPIYEPAER	AGAP008061-PA	-	48	0.000187185	2	1610.736	1.57	Salivary gland	3R:+:4939371-4939412	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_82333	TAFVNSAYSLLK	AGAP008061-PA	-	87	2.08E-08	1	1313.717	5.29	Larva	3R:+:4938999-4939034	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_83056	SLNEDLDLDSGK	AGAP008061-PA	-	64	5.06E-06	1	1305.615	-1.73	Head	3R:+:4938822-4938857	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_83509	LFTGDSVLDPK	AGAP008061-PA	-	59	1.70E-05	2	1191.630	3.39	Larva	3R:+:4939137-4939169	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_85985	VFLSVGNYR	AGAP008061-PA	-	57	1.83E-05	2	1054.572	3.7	Larva	3R:+:4938909-4938935	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_87269	ADEHREEFTALVR	AGAP008061-PA	-	36	0.003511675	3	1572.774	-1.66	Visceras	3R:+:4939170-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_88393	AWHSQGTPLDK	AGAP008061-PA	-	54	5.47E-05	1	1239.611	-0.27	Head	3R:+:4939446-4939478	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_90587	TAFVNSAYSLLK	AGAP008061-PA	-	91	9.10E-09	1	1313.713	2.31	Pupa	3R:+:4938999-4939034	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_97947	EEFTALVR	AGAP008061-PA	-	47	0.000262254	2	964.513	3.17	Larva	3R:+:4939185-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_100099	FGPYAFR	AGAP008061-PA	-	43	0.000414058	1	857.431	0.84	Pupa	3R:+:4939710-4939730	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_100900	ADEHREEFTALVR	AGAP008061-PA	-	60	1.72E-05	1	1572.784	4.71	Male reproductive organs	3R:+:4939170-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_101165	LFTGDSVLDPK	AGAP008061-PA	-	83	8.08E-08	2	1191.624	-1.63	Male reproductive organs	3R:+:4939137-4939169	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_111998	SLNEDLDLDSGK	AGAP008061-PA	-	52	8.89E-05	2	1305.619	1.73	Male reproductive organs	3R:+:4938822-4938857	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_112425	IPDENDEHGIWLSYEDPESAGNK	AGAP008061-PA	-	82	5.02E-08	1	2615.155	0.54	Pupa	3R:+:4939731-4939799	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_113395	EGDYTAPIYEPAER	AGAP008061-PA	-	57	2.36E-05	1	1610.740	4.38	Larva	3R:+:4939371-4939412	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_115371	DLGEEKPFEK	AGAP008061-PA	-	58	2.75E-05	1	1191.590	0.43	Visceras	3R:+:4938936-4938965	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_115611	DNIDYVNVAAYDQQTPER	AGAP008061-PA	-	73	5.69E-07	2	2110.962	-2.59	Male reproductive organs	3R:+:4939308-4939361	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_116088	YLTLLESGGSR	AGAP008061-PA	-	51	9.62E-05	1	1195.629	-2.19	Head	3R:+:4938966-4938998	exon=> In CDS Exon 2 of transcript AGAP008061-PA
JHU_Ag_116192	ADEHREEFTALVR	AGAP008061-PA	-	60	1.66E-05	1	1572.778	0.67	Head	3R:+:4939170-4939208	exon=> In CDS Exon 2 of transcript AGAP008061-PA

JHU_Ag_17497	GPVLTGMYQEPLR	AGAP008065-PA	M7(Oxidation)	82	1.15E-07	1	1476.753	0.85	Midgut	3R:-:4979890-4979852	exon=> In CDS Exon 3 of transcript AGAP008065-PA
JHU_Ag_99392	AQVLYNLEEGESK	AGAP008065-PA	-	37	0.003587929	1	1479.736	2.04	Midgut	3R:-:4980219-4980181	exon=> In CDS Exon 2 of transcript AGAP008065-PA
JHU_Ag_39269	NSPLGIDLNR	AGAP008070-PA	N1(Deamidated)	81	6.88E-08	1	1098.590	0.01	Male reproductive organs	3R:+:5051595-5051624	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_45578	GPSAFSEQESK	AGAP008070-PA	-	81	8.57E-08	1	1166.533	0.78	Male reproductive organs	3R:+:5051694-5051726	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_45592	AIGNLLK	AGAP008070-PA	N4(Deamidated)	40	0.001506396	1	729.451	0.93	Ovary	3R:+:5051727-5051747	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_50700	AIGNLLK	AGAP008070-PA	-	40	0.000334288	2	728.467	0.16	Male reproductive organs	3R:+:5051727-5051747	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_93824	IIVVANLHAR	AGAP008070-PA	-	71	5.77E-08	1	1105.685	1.25	Male reproductive organs	3R:+:5051400-5051429	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_102431	WEVEVNPDDKNPEGDTYR	AGAP008070-PA	-	45	0.000313211	1	2162.963	0.34	Male reproductive organs	3R:+:5051640-5051693	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_107737	ANEWLTILINK	AGAP008070-PA	-	85	3.28E-08	1	1314.742	-0.13	Male reproductive organs	3R:+:5051274-5051306	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_113006	AIGNLLK	AGAP008070-PA	N4(Deamidated)	41	0.000405282	1	729.450	-1.42	Midgut	3R:+:5051727-5051747	exon=> In CDS Exon 1 of transcript AGAP008070-PA
JHU_Ag_13801	TYNGPQAGSEPETR	AGAP008071-PA	Q6(Deamidated)	90	7.11E-09	1	1507.665	-0.85	Male reproductive organs	3R:+:5066911-5066952	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_17314	AVAHAGADAIR	AGAP008071-PA	-	93	5.10E-09	1	1051.566	1.85	Male reproductive organs	3R:+:5067085-5067117	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_22103	LGETWLGR	AGAP008071-PA	-	64	5.97E-06	2	931.501	1.81	Male reproductive organs	3R:+:5066551-5066574	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_29503	FKYEEYYTVGTPSQLYR	AGAP008071-PA	-	105	5.07E-10	1	2144.042	3.85	Male reproductive organs	3R:+:5067118-5067168	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_53989	WMIVPIANPDGYEFTR	AGAP008071-PA	M2(Oxidation)	81	1.40E-07	1	1924.932	2.93	Male reproductive organs	3R:+:5066734-5066781	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_75686	SPQPDSQTFGVDLNGNFAYK	AGAP008071-PA	N14(Deamidated)	106	3.16E-10	2	2186.013	4.01	Male reproductive organs	3R:+:5066812-5066871	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_97375	YGEEGWTAIK	AGAP008071-PA	-	79	1.61E-07	1	1153.553	0.49	Male reproductive organs	3R:+:5067280-5067309	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_102221	DTIVLVANLHAR	AGAP008071-PA	-	98	5.45E-10	1	1321.760	1.01	Male reproductive organs	3R:+:5066611-5066646	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_106521	VYGTPIDYCQSLR	AGAP008071-PA	C9(Carbamidomethyl)	76	3.52E-07	1	1571.754	1.21	Male reproductive organs	3R:+:5067172-5067210	exon=> In CDS Exon 2 of transcript AGAP008071-PA
JHU_Ag_40024	RDQLIPR	AGAP008072-PA	-	34	0.001447035	2	897.527	0.09	Midgut	3R:+:5083982-5084002	exon=> In CDS Exon 13 of transcript AGAP008072-PA
JHU_Ag_13152	KPQNEADVPFQEVLPLK	AGAP008073-PA	-	55	2.45E-05	1	1952.052	1.73	Visceras	3R:-:5086321-5086271	exon=> In CDS Exon 1 of transcript AGAP008073-PA
JHU_Ag_22112	KPQNEADVPFQEVLPLK	AGAP008073-PA	-	53	4.14E-05	1	1952.046	-1.46	Head	3R:-:5086321-5086271	exon=> In CDS Exon 1 of transcript AGAP008073-PA
JHU_Ag_85324	KPQNEADVPFQEVLPLK	AGAP008073-PA	-	67	1.39E-06	1	1952.053	2.1	Ovary	3R:-:5086321-5086271	exon=> In CDS Exon 1 of transcript AGAP008073-PA
JHU_Ag_90055	QLNKVLK	AGAP008073-PA	-	34	0.001734767	2	842.546	0.47	Visceras	3R:-:5086039-5086019	exon=> In CDS Exon 1 of transcript AGAP008073-PA
JHU_Ag_271	DCSLSPDDSCCYNCNQSGHLAR	AGAP008075-PB	C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl)	34	0.000270457	1	2616.000	1.24	Salivary gland	3R:-:5096232-5096167	exon=> In CDS Exon 2 of transcript AGAP008075-PB

JHU_Ag_3080	CNGSGHIAR	AGAP008075-PB	C1(Carbamidomethyl), N2(Deamidated)	43	0.000313638	2	972.429	-2.7	Head	3R:-:5098873-5099077,5096002-5096233	exon=> In CDS Exon 2 and 1 of transcript AGAP008075-PB
JHU_Ag_14923	DCSLSPDDSCCYNCNQSGHLAR	AGAP008075-PB	C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl),"C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), N13(Deamidated), C14(Carbamidomethyl)","C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl), N15(Deamidated)","C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl), Q16(Deamidated)"	105	2.05E-11	1	2615.997	-0.02	Ovary	3R:-:5096232-5096167	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_19927	MMSTNTCFKCDRPGHYAR	AGAP008075-PB	N-Term(Acetyl), M1(Oxidation), M2(Oxidation), C7(Carbamidomethyl), C10(Carbamidomethyl)	86	7.47E-09	1	2305.958	0.54	Malpighian tubule	3R:-:5099077-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB

JHU_Ag_20250	DCSLSPDDSCCYNCNQSGHLAR	AGAP008075-PB	C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl),"C 2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), N13(Deamidated), C14(Carbamidomethyl)"," C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl), N15(Deamidated)","C2(Ca rbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl), Q16(Deamidated)"	118	9.93E-13	1	2616.002	2.21	Malpighian tubule	3R:-:5096232-5096167	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_21772	CNQMGHFAR	AGAP008075-PB	C1(Carbamidomethyl)	43	0.000286679	2	1120.478	0.36	Malpighian tubule	3R:-:5098933-5098907	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_26323	DCQNVGGGGGR	AGAP008075-PB	C2(Carbamidomethyl)	69	3.92E-07	2	1076.458	3.46	Malpighian tubule	3R:-:5099023-5098991	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_29202	DCQNVGGGGGR	AGAP008075-PB	C2(Carbamidomethyl)	31	0.002484848	1	1076.454	0.35	Ovary	3R:-:5099023-5098991	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_31040	DCKEDLDR	AGAP008075-PB	C2(Carbamidomethyl)	61	4.19E-06	1	1050.452	-0.26	Malpighian tubule	3R:-:5098906-5098883	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_32134	CDRPGHYAR	AGAP008075-PB	C1(Carbamidomethyl)	33	0.00376061	1	1131.513	1.55	Midgut	3R:-:5099050-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_34892	DMNVSCYNCNK	AGAP008075-PB	M2(Oxidation), C6(Carbamidomethyl), C9(Carbamidomethyl)	75	1.63E-08	1	1420.529	-0.13	Ovary	3R:-:5096142-5096110	exon=> In CDS Exon 2 of transcript AGAP008075-PB

JHU_Ag_36317	DCSLSPDDSCCYNCNQSGHLAR	AGAP008075-PB	C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl),"C 2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), N13(Deamidated), C14(Carbamidomethyl)"," C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl), Q16(Deamidated)"	93	3.52E-10	1	2616.002	2.21	Midgut	3R:-:5096232-5096167	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_37285	MMSTNTCFKCDRPGHYAR	AGAP008075-PB	N-Term(Acetyl), M1(Oxidation), C7(Carbamidomethyl), C10(Carbamidomethyl)	51	3.36E-05	1	2289.968	2.35	Malpighian tubule	3R:-:5099077-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_37680	DCQNVGGGGGRGVGGPR	AGAP008075-PB	C2(Carbamidomethyl)	56	3.26E-05	1	1599.742	0.62	Malpighian tubule	3R:-:5099023-5098973	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_40016	MMSTNTCFK	AGAP008075-PB	N-Term(Acetyl), C7(Carbamidomethyl)	51	1.48E-05	1	1161.473	-0.54	Malpighian tubule	3R:-:5099077-5099051	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_47986	MMSTNTCFKCDRPGHYAR	AGAP008075-PB	N-Term(Acetyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	108	1.06E-10	1	2273.975	3.22	Malpighian tubule	3R:-:5099077-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_56499	CNQMGHFAR	AGAP008075-PB	C1(Carbamidomethyl), M4(Oxidation)	52	2.41E-05	2	1136.473	0.11	Ovary	3R:-:5098933-5098907	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_58751	SCYSCGK	AGAP008075-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	37	0.000119992	1	861.328	6.06	Head	3R:-:5096070-5096050	exon=> In CDS Exon 2 of transcript AGAP008075-PB

JHU_Ag_61027	DCSLSPDDSCCYNCNQSGHLAR	AGAP008075-PB	C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl),"C 2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), N13(Deamidated), C14(Carbamidomethyl)"," C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl), N15(Deamidated)","C2(Ca rbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl), Q16(Deamidated)"	94	2.85E-10	1	2616.003	2.57	Head	3R:-:5096232-5096167	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_61077	NCPSGDKSCYSCGK	AGAP008075-PB	C2(Carbamidomethyl), C9(Carbamidomethyl), C12(Carbamidomethyl)	73	4.06E-08	1	1619.627	1.09	Malpighian tubule	3R:-:5096091-5096050	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_62926	MMSTNTCFK	AGAP008075-PB	N-Term(Acetyl), M1(Oxidation), M2(Oxidation), C7(Carbamidomethyl)	47	3.07E-05	2	1193.466	1.9	Malpighian tubule	3R:-:5099077-5099051	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_63728	MMSTNTCFK	AGAP008075-PB	N-Term(Acetyl), M1(Oxidation), M2(Oxidation), C7(Carbamidomethyl)	51	1.29E-05	2	1193.465	0.88	Ovary	3R:-:5099077-5099051	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_64218	DMNVSCYNCNK	AGAP008075-PB	M2(Oxidation), C6(Carbamidomethyl), C9(Carbamidomethyl)	49	7.04E-06	2	1420.531	1.67	Malpighian tubule	3R:-:5096142-5096110	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_64437	DCKEDLDR	AGAP008075-PB	C2(Carbamidomethyl)	52	3.31E-05	1	1050.455	2.53	Visceras	3R:-:5098906-5098883	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_65626	SGHISR	AGAP008075-PB	-	29	0.005937522	1	656.348	0.47	Ovary	3R:-:5096109-5096092	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_73935	SCYSCGK	AGAP008075-PB	C2(Carbamidomethyl), C5(Carbamidomethyl)	31	0.000294488	1	861.323	0.6	Ovary	3R:-:5096070-5096050	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_75544	CDRPGHYAR	AGAP008075-PB	C1(Carbamidomethyl)	33	0.003632362	1	1131.518	5.6	Visceras	3R:-:5099050-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_75889	MMSTNTCFK	AGAP008075-PB	N-Term(Acetyl), M1(Oxidation), M2(Oxidation), C7(Carbamidomethyl)	43	7.82E-05	2	1193.467	2.51	Visceras	3R:-:5099077-5099051	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_75936	CDRPGHYAR	AGAP008075-PB	C1(Carbamidomethyl)	50	8.00E-05	1	1131.512	0.91	Ovary	3R:-:5099050-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB

JHU_Ag_76889	SDRDMNVSCYNCNK	AGAP008075-PB	M5(Oxidation), C9(Carbamidomethyl), C12(Carbamidomethyl),"C 9(Carbamidomethyl), C12(Carbamidomethyl)"	78	1.76E-08	1	1778.682	-3.78	Head	3R:-:5096151-5096110	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_82564	DCQNVGGGGGR	AGAP008075-PB	C2(Carbamidomethyl)	47	4.75E-05	2	1076.451	-2.21	Head	3R:-:5099023-5098991	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_86127	CDRPGHYAR	AGAP008075-PB	C1(Carbamidomethyl)	36	0.001941584	1	1131.515	3.09	Malpighian tubule	3R:-:5099050-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_88234	SGHISR	AGAP008075-PB	-	29	0.006103869	1	656.347	-0.37	Head	3R:-:5096109-5096092	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_89585	SDRDMNVSCYNCNK	AGAP008075-PB	M5(Oxidation), C9(Carbamidomethyl), C12(Carbamidomethyl)	58	2.03E-06	1	1778.690	0.67	Ovary	3R:-:5096151-5096110	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_89829	DCSLSPDDSCCYNCNQSGHLAR	AGAP008075-PB	C2(Carbamidomethyl), C10(Carbamidomethyl), C11(Carbamidomethyl), C14(Carbamidomethyl)	78	1.21E-08	1	2615.999	0.96	Visceras	3R:-:5096232-5096167	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_93658	SDRDMNVSCYNCNK	AGAP008075-PB	C9(Carbamidomethyl), C12(Carbamidomethyl)	51	1.10E-05	2	1762.698	2.03	Malpighian tubule	3R:-:5096151-5096110	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_101330	CDRPGHYAR	AGAP008075-PB	C1(Carbamidomethyl)	44	0.000232456	1	1131.508	-2.69	Head	3R:-:5099050-5099024	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_104557	DMNVSCYNCNK	AGAP008075-PB	C6(Carbamidomethyl), C9(Carbamidomethyl),"M 2(Oxidation), C6(Carbamidomethyl), C9(Carbamidomethyl)"	63	4.05E-07	1	1404.536	1.55	Head	3R:-:5096142-5096110	exon=> In CDS Exon 2 of transcript AGAP008075-PB
JHU_Ag_112398	DCKEDLDR	AGAP008075-PB	C2(Carbamidomethyl)	57	1.08E-05	1	1050.452	0.32	Ovary	3R:-:5098906-5098883	exon=> In CDS Exon 1 of transcript AGAP008075-PB
JHU_Ag_8784	ELENASNDLLR	AGAP008078-PA	-	46	0.000444481	2	1273.642	2.99	Malpighian tubule	3R:-:5198378-5198346	exon=> In CDS Exon 4 of transcript AGAP008078-PA
JHU_Ag_12981	DLPCHNEENFSLFNTENGVK	AGAP008078-PA	C4(Carbamidomethyl)	53	4.76E-05	1	2364.055	-0.62	Ovary	3R:-:5198714-5198655	exon=> In CDS Exon 2 of transcript AGAP008078-PA
JHU_Ag_36237	RPSVYIPTVDIPSEQVIVTDKK	AGAP008078-PA	-	89	3.45E-09	1	2484.383	4.8	Ovary	3R:-:5198642-5198735,5198460-5198502	exon=> In CDS Exon 3 and 2 of transcript AGAP008078-PA
JHU_Ag_94352	SITEFLK	AGAP008078-PA	N-Term(Acetyl)	47	0.000180396	1	879.483	0.74	Ovary	3R:-:5198735-5198715	exon=> In CDS Exon 2 of transcript AGAP008078-PA
JHU_Ag_113514	ELENASNDLLR	AGAP008078-PA	-	58	2.52E-05	1	1273.638	-0.37	Ovary	3R:-:5198378-5198346	exon=> In CDS Exon 4 of transcript AGAP008078-PA
JHU_Ag_23798	NLFAANLIQAVDETR	AGAP008083-PA	-	80	1.09E-07	2	1674.892	6.62	Head	3R:+:5271003-5271047	exon=> In CDS Exon 1 of transcript AGAP008083-PA
JHU_Ag_35571	DYYPVGQEQWYESPSRPDSAFLR	AGAP008083-PA	-	39	0.001333638	1	2790.276	-1.42	Head	3R:+:5269920-5269988	exon=> In CDS Exon 1 of transcript AGAP008083-PA
JHU_Ag_87863	NQIDEDDEEVQELK	AGAP008083-PA	-	42	0.000454326	2	1703.757	-2.39	Head	3R:+:5270274-5270315	exon=> In CDS Exon 1 of transcript AGAP008083-PA
JHU_Ag_95333	SNLLPSSEYGGGQGGLSLPVYHLPNAR	AGAP008083-PA	-	97	2.12E-09	1	2783.425	5.02	Head	3R:+:5269506-5269586	exon=> In CDS Exon 1 of transcript AGAP008083-PA
JHU_Ag_109550	NLILYNSQLANFGGAR	AGAP008083-PA	-	130	1.03E-12	1	1750.925	0.81	Head	3R:+:5269989-5270036	exon=> In CDS Exon 1 of transcript AGAP008083-PA
JHU_Ag_83127	VVQHSAPSK	AGAP008085-PA	-	41	0.000596045	1	952.520	-1.08	Salivary gland	3R:+:5291901-5291927	exon=> In CDS Exon 1 of transcript AGAP008085-PA

JHU_Ag_107281	SPDNGCIGYVLR	AGAP008085-PA	C6(Carbamidomethyl)	58	2.48E-05	2	1350.655	6.08	Malpighian tubule	3R:+:5291940-5291975	exon=> In CDS Exon 1 of transcript AGAP008085-PA
JHU_Ag_601	SVDTSIAQYTGGSK	AGAP008086-PA	-	77	2.50E-07	2	1413.685	-0.22	Midgut	3R:-:5296979-5296938	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_1217	DIHSALANEGR	AGAP008086-PA	-	48	0.000228336	1	1182.585	-0.93	Salivary gland	3R:-:5296259-5296227	exon=> In CDS Exon 3 of transcript AGAP008086-PA
JHU_Ag_5885	YELAFPSGISHFLEK	AGAP008086-PA	-	71	1.02E-06	1	1737.883	-0.93	Ovary	3R:-:5297549-5297505	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_7404	SVDTSIAQYTGGSK	AGAP008086-PA	-	69	1.62E-06	2	1413.688	1.94	Head	3R:-:5296979-5296938	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_7471	YFVQGSATWENEK	AGAP008086-PA	-	80	1.20E-07	1	1558.718	0.41	Salivary gland	3R:-:5297039-5297001	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_15027	SVDTSIAQYTGGSK	AGAP008086-PA	-	101	1.02E-09	1	1413.689	2.28	Malpighian tubule	3R:-:5296979-5296938	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_17618	ITAEDVQNVAR	AGAP008086-PA	-	105	4.80E-10	2	1215.632	-0.39	Ovary	3R:-:5296358-5296326	exon=> In CDS Exon 3 of transcript AGAP008086-PA
JHU_Ag_21836	ILSEVVLRPQLSMDEVELAR	AGAP008086-PA	M13(Oxidation)	34	0.001614537	1	2313.262	5.88	Head	3R:-:5297351-5297292	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_25125	YELAFPSGISHFLEK	AGAP008086-PA	-	48	0.000212588	1	1737.885	0.33	Visceras	3R:-:5297549-5297505	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_33836	YELAFPSGISHFLEK	AGAP008086-PA	-	35	0.004171463	1	1737.885	0.02	Malpighian tubule	3R:-:5297549-5297505	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_39732	ASDPAGTTVNVPSK	AGAP008086-PA	-	57	2.40E-05	2	1343.680	0.2	Visceras	3R:-:5297780-5297739	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_40018	ITAEDVQNVAR	AGAP008086-PA	-	105	4.81E-10	2	1215.633	-0.19	Malpighian tubule	3R:-:5296358-5296326	exon=> In CDS Exon 3 of transcript AGAP008086-PA
JHU_Ag_42648	YELAFPSGISHFLEK	AGAP008086-PA	-	38	0.002240442	1	1737.886	0.75	Pupa	3R:-:5297549-5297505	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_47279	SLVEVITR	AGAP008086-PA	-	37	0.002681127	1	916.546	-0.13	Malpighian tubule	3R:-:5296631-5296608	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_49700	ILSEVVLRPQLSMDEVELAR	AGAP008086-PA	M13(Oxidation)	85	1.79E-08	1	2313.248	-0.13	Malpighian tubule	3R:-:5297351-5297292	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_58714	IDRDTLLSYLR	AGAP008086-PA	-	67	1.63E-06	1	1364.754	0.66	Head	3R:-:5297150-5297118	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_66927	FGQFCTVGVVIDSGPR	AGAP008086-PA	C5(Carbamidomethyl)	42	0.000992718	1	1738.862	2.31	Visceras	3R:-:5297597-5297550	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_68103	YELAFPSGISHFLEK	AGAP008086-PA	-	37	0.002661367	3	1737.891	3.49	Head	3R:-:5297549-5297505	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_68679	ILSEVVLRPQLSMDEVELAR	AGAP008086-PA	M13(Oxidation)	43	0.000296612	1	2313.249	0.34	Ovary	3R:-:5297351-5297292	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_71402	ILSEVVLRPQLSMDEVELAR	AGAP008086-PA	M13(Oxidation)	40	0.000563996	1	2313.253	2.16	Salivary gland	3R:-:5297351-5297292	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_72372	IDRDTLLSYLR	AGAP008086-PA	-	46	0.000197768	1	1364.757	2.54	Visceras	3R:-:5297150-5297118	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_74546	YELAFPSGISHFLEK	AGAP008086-PA	-	75	4.27E-07	2	1737.888	1.81	Midgut	3R:-:5297549-5297505	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_75775	LEECAIPVYAAVGLPELAHVVIGLK	AGAP008086-PA	C4(Carbamidomethyl)	70	3.13E-07	1	2661.455	-5.03	Ovary	3R:-:5296937-5296863	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_78962	SLVEVITR	AGAP008086-PA	-	53	7.65E-05	2	916.546	0	Salivary gland	3R:-:5296631-5296608	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_80523	ITAEDVQNVAR	AGAP008086-PA	-	43	0.000795502	2	1215.633	0.41	Visceras	3R:-:5296358-5296326	exon=> In CDS Exon 3 of transcript AGAP008086-PA
JHU_Ag_80617	ASDPAGTTVNVPSK	AGAP008086-PA	-	59	1.64E-05	2	1343.679	-0.62	Head	3R:-:5297780-5297739	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_85021	YELAFPSGISHFLEK	AGAP008086-PA	-	37	0.002681228	1	1737.886	0.54	Salivary gland	3R:-:5297549-5297505	exon=> In CDS Exon 2 of transcript AGAP008086-PA

JHU_Ag_85155	IDRDTLLSYLR	AGAP008086-PA	-	63	4.50E-06	1	1364.755	1.29	Malpighian tubule	3R:-:5297150-5297118	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_87666	SLVEVITR	AGAP008086-PA	-	48	0.000129106	2	916.549	3.46	Male reproductive organs	3R:-:5296631-5296608	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_89426	TQLQSMLLMNLEARPVVFEDIGR	AGAP008086-PA	M6(Oxidation), M9(Oxidation)	123	4.54E-12	1	2692.379	-0.47	Midgut	3R:-:5296553-5296485	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_90446	ITAEDVQNVAR	AGAP008086-PA	-	77	2.92E-07	2	1215.634	0.61	Pupa	3R:-:5296358-5296326	exon=> In CDS Exon 3 of transcript AGAP008086-PA
JHU_Ag_91131	LAFQSTSEYGER	AGAP008086-PA	-	57	2.30E-05	2	1387.651	1.56	Pupa	3R:-:5297504-5297469	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_95653	DTFVYAASADSR	AGAP008086-PA	-	64	3.53E-06	2	1302.596	0.28	Salivary gland	3R:-:5297408-5297373	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_96903	LYTNVLNR	AGAP008086-PA	-	47	0.000230837	2	992.555	2.8	Salivary gland	3R:-:5296751-5296728	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_98070	ASDPAGTTVNVPSK	AGAP008086-PA	-	83	6.42E-08	2	1343.682	1.47	Pupa	3R:-:5297780-5297739	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_101922	ASDPAGTTVNVPSKDIVTPLPPLSQPIPDLPPVQYARPGDQK	AGAP008086-PA	-	69	2.71E-07	1	4376.330	3.74	Malpighian tubule	3R:-:5297780-5297655	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_108791	ITAEDVQNVAR	AGAP008086-PA	-	105	5.30E-10	2	1215.635	1.92	Head	3R:-:5296358-5296326	exon=> In CDS Exon 3 of transcript AGAP008086-PA
JHU_Ag_109526	MVLAGVGVPHDELVR	AGAP008086-PA	M1(Oxidation)	60	1.07E-05	1	1607.856	-0.66	Ovary	3R:-:5297096-5297052	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_111567	LAFQSTSEYGER	AGAP008086-PA	-	45	0.000336783	2	1387.649	-0.02	Salivary gland	3R:-:5297504-5297469	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_115207	MVLAGVGVPHDELVR	AGAP008086-PA	M1(Oxidation)	71	6.35E-07	1	1591.867	2.73	Malpighian tubule	3R:-:5297096-5297052	exon=> In CDS Exon 2 of transcript AGAP008086-PA
JHU_Ag_8581	IIDLLQELDITK	AGAP008090-PA	-	94	1.77E-09	2	1413.825	3.8	Head	3R:-:5326936-5326901	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_14387	TLASLAGSLENAIK	AGAP008090-PA	-	70	7.50E-07	2	1387.781	1.61	Head	3R:-:5325592-5325551	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_23837	APGIHPYLSYVVNTVLLR	AGAP008090-PA	-	82	1.91E-08	1	2012.142	4.35	Ovary	3R:-:5325352-5325299	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_37196	SLVASLKQLLK	AGAP008090-PA	-	37	4.11E-05	2	1199.778	4.6	Malpighian tubule	3R:-:5327071-5327039	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_67254	YFLEVAANLALYTR	AGAP008090-PA	N8(Deamidated)	38	0.002094 73	1	1644.863	-0.17	Salivary gland	3R:-:5321898-5321857	exon=> In CDS Exon 3 of transcript AGAP008090-PA
JHU_Ag_78859	TLASLAGSLENAIK	AGAP008090-PA	-	55	2.20E-05	2	1387.783	2.66	Ovary	3R:-:5325592-5325551	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_86381	LLLGVNPR	AGAP008090-PA	-	25	0.004488397	2	881.556	-0.64	Ovary	3R:-:5324908-5324885	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_90306	SLITLLDK	AGAP008090-PA	-	36	0.000748686	2	902.559	3.34	Ovary	3R:-:5324383-5324360	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_97921	GVISELEEVESR	AGAP008090-PA	-	70	1.79E-06	2	1346.682	1.8	Ovary	3R:-:5325481-5325446	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_98861	IIDLLQELDITK	AGAP008090-PA	-	89	5.60E-09	2	1413.826	4.58	Ovary	3R:-:5326936-5326901	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_100277	TLIGVFNETFCK	AGAP008090-PA	C11(Carbamidomethyl)	38	0.002117898	2	1428.722	1.67	Head	3R:-:5321155-5321120	exon=> In CDS Exon 5 of transcript AGAP008090-PA
JHU_Ag_101280	STNETFITTSIK	AGAP008090-PA	-	72	8.28E-07	2	1341.689	-0.77	Ovary	3R:-:5324572-5324537	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_102409	LAPQTLVQDASK	AGAP008090-PA	-	48	0.000141907	2	1270.705	3.88	Malpighian tubule	3R:-:5326474-5326439	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_106553	QNFLSLLK	AGAP008090-PA	-	43	0.000188452	2	962.571	4.27	Ovary	3R:-:5327347-5327324	exon=> In CDS Exon 2 of transcript AGAP008090-PA
JHU_Ag_6418	DIVYHPAYNPTTLNYDVAMLVLEDR	AGAP008091-PA	M19(Oxidation)	86	3.20E-08	1	2938.441	4.13	Head	3R:+:5404760-5404834	exon=> In CDS Exon 4 of transcript AGAP008091-PA

JHU_Ag_18666	GVYSADNGCNRPDQIVSFSNIDVQWIK	AGAP008091-PA	N7(Deamidated), C9(Carbamidomethyl)	114	4.30E-11	1	3083.451	-0.59	Pupa	3R:+:5405209-5405289	exon=> In CDS Exon 5 of transcript AGAP008091-PA
JHU_Ag_48294	TPVVLTEEQK	AGAP008091-PA	-	58	1.75E-05	1	1143.629	3.33	Head	3R:+:5403415-5403444	exon=> In CDS Exon 1 of transcript AGAP008091-PA
JHU_Ag_62566	VKDIVYHPAYNPTTLNYDVAMLVLEDR	AGAP008091-PA	-	103	3.97E-10	1	3149.615	5.52	Pupa	3R:+:5404754-5404834	exon=> In CDS Exon 4 of transcript AGAP008091-PA
JHU_Ag_39522	LFIWVLR	AGAP008092-PA	-	31	0.000549618	2	946.591	3.41	Salivary gland	3R:-:5406730-5406710	exon=> In CDS Exon 4 of transcript AGAP008092-PA
JHU_Ag_91008	LFIWVLR	AGAP008092-PA	-	38	0.000194401	2	946.586	-0.91	Ovary	3R:-:5406730-5406710	exon=> In CDS Exon 4 of transcript AGAP008092-PA
JHU_Ag_115862	SFSVYGTGKPLR	AGAP008092-PA	-	80	1.02E-07	1	1311.705	-0.56	Salivary gland	3R:-:5406796-5406761	exon=> In CDS Exon 4 of transcript AGAP008092-PA
JHU_Ag_4590	AIETVIKEENPADER	AGAP008092-PA,AGAP008092-PB	-	61	1.21E-05	1	1713.863	-1.36	Ovary	3R:-:5407557-5407513;3R:-:5407557-5407513	exon=> In CDS Exon 1 of transcript AGAP008092-PA;exon=> In CDS Exon 1 of transcript AGAP008092-PB
JHU_Ag_4689	AIETVIKEENPADER	AGAP008092-PA,AGAP008092-PB	-	76	3.82E-07	2	1713.867	1.11	Salivary gland	3R:-:5407557-5407513;3R:-:5407557-5407513	exon=> In CDS Exon 1 of transcript AGAP008092-PA;exon=> In CDS Exon 1 of transcript AGAP008092-PB
JHU_Ag_31606	VVLVTGGTGLIGK	AGAP008092-PA,AGAP008092-PB	-	57	4.33E-06	2	1213.752	0.7	Male reproductive organs	3R:-:5407596-5407558;3R:-:5407596-5407558	exon=> In CDS Exon 1 of transcript AGAP008092-PA;exon=> In CDS Exon 1 of transcript AGAP008092-PB
JHU_Ag_49029	NMLINDNILLLSHELK	AGAP008092-PA,AGAP008092-PB	M2(Oxidation)	30	0.006811477	1	1896.024	-0.98	Midgut	3R:-:5407285-5407238;3R:-:5407285-5407238	exon=> In CDS Exon 2 of transcript AGAP008092-PA;exon=> In CDS Exon 2 of transcript AGAP008092-PB
JHU_Ag_77905	DADLTDLAATR	AGAP008092-PA,AGAP008092-PB	-	73	7.85E-07	1	1161.574	-0.45	Ovary	3R:-:5407491-5407605,5407163-5407388;3R:-:5407491-5407605,5407163-5407388	exon=> In CDS Exon 2 and 1 of transcript AGAP008092-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP008092-PB
JHU_Ag_80602	VVLVTGGTGLIGK	AGAP008092-PA,AGAP008092-PB	-	68	3.55E-07	1	1213.753	1	Ovary	3R:-:5407596-5407558;3R:-:5407596-5407558	exon=> In CDS Exon 1 of transcript AGAP008092-PA;exon=> In CDS Exon 1 of transcript AGAP008092-PB
JHU_Ag_90005	NMLINDNILLLSHELK	AGAP008092-PA,AGAP008092-PB	M2(Oxidation)	76	1.56E-07	1	1896.026	-0.11	Ovary	3R:-:5407285-5407238;3R:-:5407285-5407238	exon=> In CDS Exon 2 of transcript AGAP008092-PA;exon=> In CDS Exon 2 of transcript AGAP008092-PB
JHU_Ag_115462	DADLTDLAATR	AGAP008092-PA,AGAP008092-PB	-	86	3.68E-08	2	1161.576	0.91	Salivary gland	3R:-:5407491-5407605,5407163-5407388;3R:-:5407491-5407605,5407163-5407388	exon=> In CDS Exon 2 and 1 of transcript AGAP008092-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP008092-PB
JHU_Ag_23217	VPITLYDEPQYK	AGAP008095-PA	-	38	0.002116284	1	1465.759	0.84	Male reproductive organs	3R:+:5633627-5633662	exon=> In CDS Exon 3 of transcript AGAP008095-PA
JHU_Ag_91359	QELIEK	AGAP008095-PA	Q1(Deamidated)	42	0.001442286	2	760.410	1.51	Ovary	3R:+:5634886-5634903	exon=> In CDS Exon 5 of transcript AGAP008095-PA
JHU_Ag_39212	ALSGIPLLK	AGAP008099-PA	-	36	0.000149676	2	911.595	2.31	Malpighian tubule	3R:+:5663306-5663332	exon=> In CDS Exon 1 of transcript AGAP008099-PA
JHU_Ag_117613	LKEEYQALIK	AGAP008099-PA	-	52	3.60E-05	1	1234.706	1.63	Head	3R:+:5663375-5663404	exon=> In CDS Exon 1 of transcript AGAP008099-PA

JHU_Ag_72949	DVTVPASVIAASAAAQK	AGAP008100-PA	-	46	0.000227247	2	1598.876	0.55	Head	3R:-:5667236-5667186	exon=> In CDS Exon 7 of transcript AGAP008100-PA
JHU_Ag_13738	TIADCVSQNLR	AGAP008105-PA	C5(Carbamidomethyl)	71	1.31E-06	2	1276.635	3	Malpighian tubule	3R:-:5805691-5805659	exon=> In CDS Exon 3 of transcript AGAP008105-PA
JHU_Ag_25483	IVEVVEDELIKK	AGAP008105-PA	-	32	0.002282762	1	1413.819	-0.61	Male reproductive organs	3R:-:5805847-5805812	exon=> In CDS Exon 3 of transcript AGAP008105-PA
JHU_Ag_29195	ILTTGFWPTQSVTPNCNIPAAPR	AGAP008105-PA	C16(Carbamidomethyl)	34	0.005017066	1	2541.302	3.78	Ovary	3R:-:5804929-5805070,5803634-5803710	exon=> In CDS Exon 6 and 5 of transcript AGAP008105-PA
JHU_Ag_42383	TIADCVSQNLR	AGAP008105-PA	C5(Carbamidomethyl)	58	2.31E-05	1	1276.634	1.95	Ovary	3R:-:5805691-5805659	exon=> In CDS Exon 3 of transcript AGAP008105-PA
JHU_Ag_84261	TIADCVSQNLR	AGAP008105-PA	C5(Carbamidomethyl)	64	6.76E-06	2	1276.633	0.9	Male reproductive organs	3R:-:5805691-5805659	exon=> In CDS Exon 3 of transcript AGAP008105-PA
JHU_Ag_112512	YVESIWSLLK	AGAP008105-PA	-	42	0.000499605	2	1237.688	3.88	Head	3R:-:5806617-5806588	exon=> In CDS Exon 2 of transcript AGAP008105-PA
JHU_Ag_36138	EYLAR	AGAP008105-PA,AGAP000652-PA,AGAP012905-PA	-	32	0.008369863	1	651.345	-1.69	Head	3R:-:5802686-5802672;X:-:11675909-11675895;UNKN:+:37465916-37465930	exon=> In CDS Exon 10 of transcript AGAP008105-PA;exon=> In CDS Exon 4 of transcript AGAP000652-PA;exon=> In CDS Exon 2 of transcript AGAP012905-PA
JHU_Ag_82994	RIEGLIER	AGAP008105-PA,AGAP012905-PA	-	33	0.004260218	2	985.574	-5.07	Head	3R:-:5802710-5802687;UNKN:+:37465892-37465915	exon=> In CDS Exon 10 of transcript AGAP008105-PA;exon=> In CDS Exon 2 of transcript AGAP012905-PA
JHU_Ag_9001	AHLAK	AGAP008105-PA,AGAP012950-PA	-	25	0.005213387	1	539.330	-0.82	Head	3R:-:5805235-5805221;2R:+:2468447-2468461	exon=> In CDS Exon 4 of transcript AGAP008105-PA;exon=> In CDS Exon 3 of transcript AGAP012950-PA
JHU_Ag_1094	TFSYPLDINLEYEPK	AGAP008106-PA	-	58	2.32E-05	2	1828.904	1.82	Midgut	3R:-:5810937-5810893	exon=> In CDS Exon 1 of transcript AGAP008106-PA
JHU_Ag_19637	SGGLIFNLDHNLPK	AGAP008106-PA	-	61	6.59E-06	1	1524.820	1.87	Midgut	3R:-:5810994-5810953	exon=> In CDS Exon 1 of transcript AGAP008106-PA
JHU_Ag_19667	ISVAFGQR	AGAP008106-PA	-	39	0.001249464	2	877.489	0.2	Malpighian tubule	3R:-:5810889-5810866	exon=> In CDS Exon 1 of transcript AGAP008106-PA
JHU_Ag_82961	IFLASMFYPLFAIASQLSPEPK	AGAP008106-PA	M6(Oxidation)	54	2.54E-05	1	2486.305	0.33	Ovary	3R:-:5810636-5810571	exon=> In CDS Exon 2 of transcript AGAP008106-PA
JHU_Ag_83869	SSGIEVLEADTFR	AGAP008106-PA	-	66	3.85E-06	2	1423.706	-0.4	Male reproductive organs	3R:-:5810570-5810532	exon=> In CDS Exon 2 of transcript AGAP008106-PA
JHU_Ag_84280	TFSYPLDINLEYEPK	AGAP008106-PA	-	36	0.00372852	2	1828.904	1.88	Head	3R:-:5810937-5810893	exon=> In CDS Exon 1 of transcript AGAP008106-PA
JHU_Ag_38157	TCIYGHDYCR	AGAP008109-PC,AGAP008109-PB	C2(Carbamidomethyl),C9(Carbamidomethyl)	68	2.91E-07	1	1344.544	-1.39	Head	3R:-:5819977-5819948;3R:-:5819977-5819948	exon=> In CDS Exon 4 of transcript AGAP008109-PC;exon=> In CDS Exon 2 of transcript AGAP008109-PB
JHU_Ag_107510	TYILDLHNVFR	AGAP008109-PC,AGAP008109-PB	-	43	0.000471886	2	1390.746	-1.02	Head	3R:-:5820195-5820163;3R:-:5820195-5820163	exon=> In CDS Exon 3 of transcript AGAP008109-PC;exon=> In CDS Exon 1 of transcript AGAP008109-PB
JHU_Ag_117619	TVQTAEGLVYR	AGAP008111-PA	-	41	0.0009693	2	1236.660	1.62	Ovary	3R:-:5830125-5830093	exon=> In CDS Exon 2 of transcript AGAP008111-PA
JHU_Ag_663	IVQIIEFPVNNLPPDNR	AGAP008113-PB	-	74	2.10E-07	2	1978.078	1.36	Visceras	3R:+:5838122-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB

JHU_Ag_6841	CFECNSAEDSTCTHDNPPDSMSVDCNDHK	AGAP008113-PB	C1(Carbamidomethyl), C4(Carbamidomethyl), C12(Carbamidomethyl), N16(Deamidated), C25(Carbamidomethyl),"C1(Carbamidomethyl), C4(Carbamidomethyl), C12(Carbamidomethyl), C25(Carbamidomethyl)","C1(Carbamidomethyl), C4(Carbamidomethyl), N5(Deamidated), C12(Carbamidomethyl), C25(Carbamidomethyl)","C1(Carbamidomethyl), C4(Carbamidomethyl), C12(Carbamidomethyl), M21(Oxidation), C25(Carbamidomethyl)","C1(Carbamidomethyl), C4(Carbamidomethyl), N5(Deamidated), C12(Carbamidomethyl), M21(Oxidation), C25(Carbamidomethyl)"	190	2.33E-20	1	3429.239	-1.84	Head	3R:+:5838005-5838091	exon=> In CDS Exon 2 of transcript AGAP008113-PB
JHU_Ag_14524	GCGWDESSYKGR	AGAP008113-PB	C2(Carbamidomethyl)	72	3.23E-07	1	1401.586	0.27	Head	3R:+:5838267-5838296,5838397-5838402	exon=> In CDS Exon 3 and 4 of transcript AGAP008113-PB
JHU_Ag_15902	IVQIIEFPVNNLPPDNRVIR	AGAP008113-PB	-	90	1.79E-09	1	2346.341	4.85	Malpighian tubule	3R:+:5838122-5838155,5838241-5838266	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_24601	GCGWDESSYKGR	AGAP008113-PB	C2(Carbamidomethyl)	75	1.62E-07	1	1401.588	1.92	Malpighian tubule	3R:+:5838267-5838296,5838397-5838402	exon=> In CDS Exon 3 and 4 of transcript AGAP008113-PB
JHU_Ag_28560	IVQIIEFPVNNLPPDNR	AGAP008113-PB	-	116	1.38E-11	1	1978.073	-1.42	Head	3R:+:5838122-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_35815	KIVQIIEFPVNNLPPDNR	AGAP008113-PB	-	94	1.33E-09	1	2106.172	0.7	Midgut	3R:+:5838119-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_41129	KIVQIIEFPVNNLPPDNR	AGAP008113-PB	-	40	0.000267821	1	2106.178	3.27	Pupa	3R:+:5838119-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_52687	KIVQIIEFPVNNLPPDNR	AGAP008113-PB	-	127	6.05E-13	1	2106.170	-0.12	Head	3R:+:5838119-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_56478	KIVQIIEFPVNNLPPDNR	AGAP008113-PB	-	37	0.000590742	1	2106.182	5.44	Malpighian tubule	3R:+:5838119-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_58061	GCGWDESSYK	AGAP008113-PB	C2(Carbamidomethyl)	62	8.28E-07	1	1188.462	-0.52	Head	3R:+:5838267-5838296	exon=> In CDS Exon 3 of transcript AGAP008113-PB
JHU_Ag_77983	GCGWDESSYK	AGAP008113-PB	C2(Carbamidomethyl)	40	0.000123225	2	1188.466	2.91	Visceras	3R:+:5838267-5838296	exon=> In CDS Exon 3 of transcript AGAP008113-PB

JHU_Ag_77995	GCGWDESSYK	AGAP008113-PB	C2(Carbamidomethyl)	37	0.000254203	2	1188.462	-0.89	Midgut	3R:+:5838267-5838296	exon=> In CDS Exon 3 of transcript AGAP008113-PB
JHU_Ag_82065	KIVQIIEFPVNNLPPDNR	AGAP008113-PB	-	61	2.27E-06	1	2106.175	1.88	Visceras	3R:+:5838119-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_102681	IVQIIEFPVNNLPPDNR	AGAP008113-PB	-	100	5.80E-10	2	1978.075	-0.49	Midgut	3R:+:5838122-5838155,5838241-5838257	exon=> In CDS Exon 2 and 3 of transcript AGAP008113-PB
JHU_Ag_35048	MAATTGNWLADLTR	AGAP008115-PA	M1(Oxidation)	104	6.84E-10	1	1536.750	1.36	Head	3R:+:5867673-5867714	exon=> In CDS Exon 3 of transcript AGAP008115-PA
JHU_Ag_38424	IEYFGGTEITVPMVCQK	AGAP008115-PA	M13(Oxidation), C15(Carbamidomethyl)	69	1.87E-06	2	1987.954	1.55	Head	3R:+:5867715-5867765	exon=> In CDS Exon 3 of transcript AGAP008115-PA
JHU_Ag_43620	IVASNENGDTMTYR	AGAP008115-PA	M11(Oxidation)	94	4.05E-09	1	1586.711	-0.14	Head	3R:+:5867766-5867781,5867877-5867902	exon=> In CDS Exon 3 and 4 of transcript AGAP008115-PA
JHU_Ag_70155	RNSAIVAETCTPSK	AGAP008115-PA	C10(Carbamidomethyl)	63	8.30E-06	2	1533.763	-3.63	Head	3R:+:5867059-5867082,5867655-5867672	exon=> In CDS Exon 2 and 3 of transcript AGAP008115-PA
JHU_Ag_73820	NSAIVAETCTPSK	AGAP008115-PA	C9(Carbamidomethyl)	66	4.17E-06	2	1377.666	-1.43	Head	3R:+:5867062-5867082,5867655-5867672	exon=> In CDS Exon 2 and 3 of transcript AGAP008115-PA
JHU_Ag_98376	GCQLDGGKTDPCQIAYGK	AGAP008115-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	50	0.000117048	1	1967.893	-0.93	Head	3R:+:5867903-5867956	exon=> In CDS Exon 4 of transcript AGAP008115-PA
JHU_Ag_50843	EGEESCYTYFQDER	AGAP008117-PA	C6(Carbamidomethyl)	74	8.17E-08	2	1812.710	4.54	Larva	3R:+:5882093-5882126,5882194-5882201	exon=> In CDS Exon 7 and 8 of transcript AGAP008117-PA
JHU_Ag_55893	LTQSGSSITPQPCLR	AGAP008117-PA	C13(Carbamidomethyl)	37	0.002823824	1	1644.847	5.94	Larva	3R:+:5881238-5881282	exon=> In CDS Exon 6 of transcript AGAP008117-PA
JHU_Ag_112280	LGLTESATCR	AGAP008117-PA	C9(Carbamidomethyl)	41	0.001170902	2	1107.548	1.3	Larva	3R:+:5881742-5881771	exon=> In CDS Exon 6 of transcript AGAP008117-PA
JHU_Ag_50311	LQLIFK	AGAP008118-PA	-	43	5.21E-05	2	761.493	1.4	Salivary gland	3R:-:5886883-5886866	exon=> In CDS Exon 6 of transcript AGAP008118-PA
JHU_Ag_105588	ILVANPAQR	AGAP008118-PA	N5(Deamidated)	31	0.001754734	2	982.562	-6.29	Salivary gland	3R:-:5889703-5889677	exon=> In CDS Exon 5 of transcript AGAP008118-PA
JHU_Ag_112779	ILVANPAQR	AGAP008118-PA	-	30	0.004238862	1	981.579	-5.48	Malpighian tubule	3R:-:5889703-5889677	exon=> In CDS Exon 5 of transcript AGAP008118-PA
JHU_Ag_15746	HLGLVVCR	AGAP008122-PA	C7(Carbamidomethyl)	59	8.34E-06	1	953.535	0.18	Ovary	3R:+:5906602-5906625	exon=> In CDS Exon 2 of transcript AGAP008122-PA
JHU_Ag_20350	GYDPLLNLVLDNTIEFLR	AGAP008122-PA	-	116	1.60E-11	1	2105.132	1.75	Ovary	3R:+:5906512-5906565	exon=> In CDS Exon 2 of transcript AGAP008122-PA
JHU_Ag_67382	GYDPLLNLVLDNTIEFLRDPDDYK	AGAP008122-PA	-	135	3.73E-13	1	2838.419	-0.09	Ovary	3R:+:5906512-5906583	exon=> In CDS Exon 2 of transcript AGAP008122-PA
JHU_Ag_6765	FTDRDFSQLLTYPEER	AGAP008124-PA	-	39	0.002029943	1	2016.965	-0.82	Midgut	3R:+:5917966-5918013	exon=> In CDS Exon 3 of transcript AGAP008124-PA
JHU_Ag_18224	FDYVSPVWLQILR	AGAP008124-PA	-	59	9.55E-06	1	1635.888	-0.72	Midgut	3R:+:5917739-5917777	exon=> In CDS Exon 2 of transcript AGAP008124-PA
JHU_Ag_48203	GHLTYDEHDVENFFEVK	AGAP008124-PA	-	126	3.01E-12	1	2078.951	2.88	Midgut	3R:+:5918494-5918543,5918603-5918603	exon=> In CDS Exon 3 and 4 of transcript AGAP008124-PA
JHU_Ag_5873	DAALQAQCAPLNRPGAPLPYDHSR	AGAP008127-PA	Q5(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl),"Q7(Deamidated), C8(Carbamidomethyl)"	165	5.15E-16	1	2618.290	0.35	Head	3R:-:5950298-5950227	exon=> In CDS Exon 3 of transcript AGAP008127-PA
JHU_Ag_26949	AADKPVDK	AGAP008127-PA	-	43	0.000461831	2	843.460	2.93	Head	3R:-:5949382-5949359	exon=> In CDS Exon 4 of transcript AGAP008127-PA

JHU_Ag_32853	VVLNHLANAEGMDYINASTITDHDPR	AGAP008127-PA	M12(Oxidation)	120	1.56E-11	1	2882.368	-2.01	Head	3R:-:5950226-5950149	exon=> In CDS Exon 3 of transcript AGAP008127-PA
JHU_Ag_40600	LGGLQSGLGGGDSSSK	AGAP008127-PA	-	118	2.82E-11	1	1419.709	0.91	Head	3R:-:5950634-5950587	exon=> In CDS Exon 3 of transcript AGAP008127-PA
JHU_Ag_44868	CLPQYGLEPEELFR	AGAP008127-PA	C1(Carbamidomethyl)	82	1.20E-07	2	1750.851	2.03	Head	3R:-:5952449-5952408	exon=> In CDS Exon 2 of transcript AGAP008127-PA
JHU_Ag_45086	TLLDNILGFTR	AGAP008127-PA	-	55	2.54E-05	1	1262.712	1.16	Head	3R:-:5951396-5951364	exon=> In CDS Exon 2 of transcript AGAP008127-PA
JHU_Ag_59432	TVTQFHFLSWPQGGVPTSAK	AGAP008127-PA	-	60	1.22E-05	2	2188.119	0.02	Head	3R:-:5949881-5949822	exon=> In CDS Exon 3 of transcript AGAP008127-PA
JHU_Ag_60725	IVAALAELLNMQGYFTHPR	AGAP008127-PA	M11(Oxidation)	57	2.15E-05	1	2160.133	2.77	Head	3R:-:5951009-5950953	exon=> In CDS Exon 3 of transcript AGAP008127-PA
JHU_Ag_60959	LQQEAAGAAK	AGAP008127-PA	-	52	8.42E-05	2	986.528	1	Head	3R:-:5951630-5951601	exon=> In CDS Exon 2 of transcript AGAP008127-PA
JHU_Ag_64239	VEANPDRK	AGAP008127-PA	-	41	0.000662361	2	928.485	0.8	Head	3R:-:5950925-5950902	exon=> In CDS Exon 3 of transcript AGAP008127-PA
JHU_Ag_76023	VDRHEVSFR	AGAP008127-PA	-	35	0.004568693	1	1144.583	-2.46	Head	3R:-:5950952-5950926	exon=> In CDS Exon 3 of transcript AGAP008127-PA
JHU_Ag_77488	EIDIAATLEHLR	AGAP008127-PA	-	92	6.93E-09	1	1380.751	2.3	Head	3R:-:5949592-5949557	exon=> In CDS Exon 4 of transcript AGAP008127-PA
JHU_Ag_79034	EGNGVAPEAGGK	AGAP008127-PA	N3(Deamidated)	29	0.00963416	1	1086.508	1.58	Head	3R:-:5949418-5949383	exon=> In CDS Exon 4 of transcript AGAP008127-PA
JHU_Ag_83093	AHGEEGEK	AGAP008127-PA	-	33	0.002479441	1	856.379	-0.88	Head	3R:-:5951258-5951235	exon=> In CDS Exon 2 of transcript AGAP008127-PA
JHU_Ag_85331	IQGALFAIR	AGAP008127-PA	-	78	5.07E-08	2	988.596	2.01	Visceras	3R:-:5952308-5952282	exon=> In CDS Exon 2 of transcript AGAP008127-PA
JHU_Ag_99089	SCPIVVHSSNGSGR	AGAP008127-PA	C2(Carbamidomethyl)	39	0.001777673	1	1456.698	1.35	Head	3R:-:5949773-5951037,5949356-5949650	exon=> In CDS Exon 4 and 3 of transcript AGAP008127-PA
JHU_Ag_99779	LTPADVDPEFEYIYPK	AGAP008127-PA	-	58	2.83E-05	1	1896.929	1.24	Head	3R:-:5951756-5951709	exon=> In CDS Exon 2 of transcript AGAP008127-PA
JHU_Ag_100153	KPLEEDQSR	AGAP008127-PA	-	66	2.61E-06	1	1101.550	-3.45	Head	3R:-:5952407-5952381	exon=> In CDS Exon 2 of transcript AGAP008127-PA
JHU_Ag_51452	VSDIIWNSLLR	AGAP008130-PA	-	37	0.001418449	2	1315.744	5.24	Head	3R:+:6004231-6004263	exon=> In CDS Exon 1 of transcript AGAP008130-PA
JHU_Ag_90921	RPIIVLYSQK	AGAP008130-PA	-	35	0.000669019	1	1216.740	-0.91	Salivary gland	3R:+:6005743-6005772	exon=> In CDS Exon 2 of transcript AGAP008130-PA
JHU_Ag_22492	LQSALAWETEYVR	AGAP008137-PB,AGAP008137-PA	-	43	0.000882782	2	1565.795	-0.28	Male reproductive organs	3R:+:6079749-6079787;3R:+:6079749-6079787	exon=> In CDS Exon 6 of transcript AGAP008137-PB;exon=> In CDS Exon 6 of transcript AGAP008137-PA
JHU_Ag_33064	VVSTEEVDQQEGESEK	AGAP008137-PB,AGAP008137-PA	-	47	0.000195486	2	1792.811	1.43	Head	3R:+:6075074-6075121;3R:+:6075074-6075121	exon=> In CDS Exon 3 of transcript AGAP008137-PB;exon=> In CDS Exon 3 of transcript AGAP008137-PA
JHU_Ag_10040	LTLSELIK	AGAP008140-PA	-	30	0.001230014	1	916.575	3.46	Larva	3R:-:6119971-6119948	exon=> In CDS Exon 2 of transcript AGAP008140-PA
JHU_Ag_25123	VTAHTATAINLVNAETK	AGAP008140-PA	-	43	0.000314444	3	1753.950	3.14	Larva	3R:-:6119007-6118957	exon=> In CDS Exon 3 of transcript AGAP008140-PA
JHU_Ag_93038	TAAVGLSQDIADAGK	AGAP008140-PA	-	123	7.32E-12	1	1416.739	4.21	Larva	3R:-:6120310-6120266	exon=> In CDS Exon 2 of transcript AGAP008140-PA
JHU_Ag_95025	TAAVGLSQDIADAGK	AGAP008140-PA	-	88	2.28E-08	2	1416.734	0.85	Pupa	3R:-:6120310-6120266	exon=> In CDS Exon 2 of transcript AGAP008140-PA
JHU_Ag_17783	KAAGTTNPIPSAIIR	AGAP008140-PA,AGAP008139-PA	-	108	4.18E-11	1	1509.881	3.78	Larva	3R:-:6119908-6119864;3R:-:6108863-6108819	exon=> In CDS Exon 2 of transcript AGAP008140-PA;exon=> In CDS Exon 2 of transcript AGAP008139-PA

JHU_Ag_46916	AAGTTNPIPSAIIR	AGAP008140-PA,AGAP008139-PA	-	56	1.17E-05	2	1381.787	5.1	Larva	3R:-:6119905-6119864;3R:-:6108860-6108819	exon=> In CDS Exon 2 of transcript AGAP008140-PA;exon=> In CDS Exon 2 of transcript AGAP008139-PA
JHU_Ag_73299	TVNNVITAIR	AGAP008140-PA,AGAP008139-PA	-	70	1.14E-06	1	1100.647	4.31	Larva	3R:-:6119845-6119816;3R:-:6108800-6108771	exon=> In CDS Exon 2 of transcript AGAP008140-PA;exon=> In CDS Exon 2 of transcript AGAP008139-PA
JHU_Ag_114772	VQIANAGYSDFCFSK	AGAP008140-PA,AGAP008139-PA	C12(Carbamidomethyl)	42	0.000940198	2	1706.795	6.15	Larva	3R:-:6119371-6119327;3R:-:6108341-6108297	exon=> In CDS Exon 2 of transcript AGAP008140-PA;exon=> In CDS Exon 2 of transcript AGAP008139-PA
JHU_Ag_2978	VIVYGLDAIRDEWSK	AGAP008141-PA	-	132	7.56E-13	1	1763.937	2.38	Visceras	3R:+:6123964-6124008	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_3835	LLPRDEDVHTVNER	AGAP008141-PA	-	73	6.88E-07	1	1692.865	-0.77	Malpighian tubule	3R:+:6124021-6124062	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_5616	RNPDSLELIR	AGAP008141-PA	-	43	0.000396573	1	1212.670	0.13	Head	3R:+:6124645-6124674	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_10855	LAEDLILYATK	AGAP008141-PA	-	103	3.14E-10	2	1249.705	1.19	Salivary gland	3R:+:6124549-6124581	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_16180	RLFEIIGPQIAGK	AGAP008141-PA	-	30	0.002614556	2	1441.855	1.74	Visceras	3R:+:6124063-6124101	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_17358	LSVQEQIR	AGAP008141-PA	-	54	6.19E-05	1	972.547	-0.15	Malpighian tubule	3R:+:6125223-6125246	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_19172	EAHHISGEVVAHSEK	AGAP008141-PA	-	62	1.02E-05	1	1629.797	-0.47	Visceras	3R:+:6125043-6125087	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_19552	EDFDRFDEFGR	AGAP008141-PA	-	34	0.001947125	1	1432.614	0.75	Head	3R:+:6124327-6124359	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_19647	IVSAGEQQLPTPFK	AGAP008141-PA	-	75	3.37E-07	2	1514.823	1.17	Malpighian tubule	3R:+:6123760-6123801	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_21062	RLFEIIGPQIAGK	AGAP008141-PA	-	61	2.09E-06	1	1441.855	1.49	Malpighian tubule	3R:+:6124063-6124101	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_21391	IVSAGEQQLPTPFKLWGGR	AGAP008141-PA	-	83	3.61E-08	1	2084.134	2.42	Malpighian tubule	3R:+:6123760-6123816	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_21840	EAHHISGEVVAHSEK	AGAP008141-PA	-	83	8.40E-08	1	1629.795	-1.57	Head	3R:+:6125043-6125087	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_27338	LAEDLILYATK	AGAP008141-PA	-	96	1.63E-09	2	1249.704	0.31	Visceras	3R:+:6124549-6124581	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_28537	LSVQEQIR	AGAP008141-PA	-	48	0.000256917	2	972.547	-0.02	Salivary gland	3R:+:6125223-6125246	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_29063	LAEDLILYATK	AGAP008141-PA	-	56	1.53E-05	2	1249.706	1.87	Head	3R:+:6124549-6124581	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_30762	MNVLPLGSGALAGNPFNINR	AGAP008141-PA	M1(Oxidation)	119	1.20E-11	1	2055.088	3.85	Malpighian tubule	3R:+:6124363-6124422	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_34297	SLAEAGLLTQSEFK	AGAP008141-PA	-	35	0.004731674	2	1493.786	1.09	Head	3R:+:6123922-6123963	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_34467	NPDSLELIR	AGAP008141-PA	-	53	3.79E-05	1	1056.569	0.07	Malpighian tubule	3R:+:6124648-6124674	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_34746	DEDVHTVNER	AGAP008141-PA	-	52	5.38E-05	1	1213.545	0.75	Head	3R:+:6124033-6124062	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_42704	LTLEDLQEISPHFDETISR	AGAP008141-PA	-	84	5.79E-08	1	2243.132	5.85	Head	3R:+:6125109-6125165	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_44905	AFVEGHVPS	AGAP008141-PA	-	34	0.003438912	1	942.467	-1.29	Visceras	3R:+:6125256-6125282	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_48227	LFEIIGPQIAGK	AGAP008141-PA	-	82	2.71E-08	1	1285.752	0.56	Visceras	3R:+:6124066-6124101	exon=> In CDS Exon 1 of transcript AGAP008141-PA

JHU_Ag_51597	IVSAGEQQLPTPFK	AGAP008141-PA	-	86	2.95E-08	1	1514.825	2.06	Visceras	3R:+:6123760-6123801	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_53001	AFVEGHVPS	AGAP008141-PA	-	41	0.000671997	1	942.468	0.33	Malpighian tubule	3R:+:6125256-6125282	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_60368	LTLEDLQEISPHFDETISR	AGAP008141-PA	-	129	2.19E-12	1	2243.126	3.24	Visceras	3R:+:6125109-6125165	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_67618	LLVELVGAINEAADR	AGAP008141-PA	-	43	0.000238783	2	1582.886	3.66	Head	3R:+:6124186-6124230	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_67631	LFEIIGPQIAGK	AGAP008141-PA	-	53	1.97E-05	2	1285.756	3.22	Malpighian tubule	3R:+:6124066-6124101	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_77989	VNNSLTVDKR	AGAP008141-PA	-	66	3.70E-06	2	1145.627	-0.42	Malpighian tubule	3R:+:6123850-6123879	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_81389	IWNYENSVEQYTVVGGTSR	AGAP008141-PA	-	111	1.05E-10	1	2202.047	0.3	Visceras	3R:+:6125166-6125222	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_87215	IWNYENSVEQYTVVGGTSR	AGAP008141-PA	-	101	1.02E-09	2	2202.052	2.74	Malpighian tubule	3R:+:6125166-6125222	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_87331	GITGPVFGQHCAILMTLK	AGAP008141-PA	C11(Carbamidomethyl)	54	4.12E-05	1	1943.027	1.49	Malpighian tubule	3R:+:6124675-6124728	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_88488	RNPDSLELIR	AGAP008141-PA	-	51	5.92E-05	1	1212.670	0.13	Malpighian tubule	3R:+:6124645-6124674	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_89648	MNVLPLGSGALAGNPFNINR	AGAP008141-PA	M1(Oxidation)	84	4.00E-08	2	2071.087	5.45	Larva	3R:+:6124363-6124422	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_91268	LYSEDIDGSIAYAK	AGAP008141-PA	-	135	4.72E-13	1	1544.750	1.13	Malpighian tubule	3R:+:6123880-6123921	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_92362	LTLEDLQEISPHFDETISR	AGAP008141-PA	-	129	2.04E-12	1	2243.127	3.32	Malpighian tubule	3R:+:6125109-6125165	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_94298	LLVELVGAINEAADR	AGAP008141-PA	-	61	4.16E-06	2	1582.883	2.04	Visceras	3R:+:6124186-6124230	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_101575	LFEIIGPQIAGK	AGAP008141-PA	-	58	7.10E-06	1	1285.754	1.99	Salivary gland	3R:+:6124066-6124101	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_101857	EAHHISGEVVAHSEK	AGAP008141-PA	-	49	0.000216969	1	1629.804	3.77	Larva	3R:+:6125043-6125087	exon=> In CDS Exon 2 of transcript AGAP008141-PA
JHU_Ag_102637	LYSEDIDGSIAYAK	AGAP008141-PA	-	72	9.86E-07	2	1544.750	1.53	Head	3R:+:6123880-6123921	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_104350	SLAEAGLLTQSEFK	AGAP008141-PA	-	103	6.80E-10	2	1493.785	0.36	Visceras	3R:+:6123922-6123963	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_111903	LFEIIGPQIAGK	AGAP008141-PA	-	55	1.42E-05	2	1285.753	1.04	Head	3R:+:6124066-6124101	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_114024	IVSAGEQQLPTPFK	AGAP008141-PA	-	54	4.76E-05	1	1514.826	2.95	Head	3R:+:6123760-6123801	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_114975	MNVLPLGSGALAGNPFNINR	AGAP008141-PA	-	100	9.80E-10	2	2055.084	1.83	Visceras	3R:+:6124363-6124422	exon=> In CDS Exon 1 of transcript AGAP008141-PA
JHU_Ag_15029	TGPAYTIICFPHGPGMFENAR	AGAP008143-PA	C9(Carbamidomethyl), M16(Oxidation)	65	4.34E-06	1	2352.100	4.27	Head	3R:+:6131698-6131760	exon=> In CDS Exon 4 of transcript AGAP008143-PA
JHU_Ag_21261	YFYAISSDVDASNPGTLIK	AGAP008143-PA	-	95	4.84E-09	1	2061.021	1.8	Head	3R:+:6132481-6132537	exon=> In CDS Exon 4 of transcript AGAP008143-PA
JHU_Ag_36714	QLLNIGFLQINGR	AGAP008143-PA	-	54	1.52E-05	2	1485.858	2.87	Head	3R:+:6130357-6130395	exon=> In CDS Exon 1 of transcript AGAP008143-PA
JHU_Ag_59100	FTPHSGPSSVCSTR	AGAP008143-PA	C11(Carbamidomethyl)	35	0.003602468	2	1519.698	1.12	Head	3R:+:6130396-6130437	exon=> In CDS Exon 1 of transcript AGAP008143-PA
JHU_Ag_81744	VQGTVPEWLNGSLLR	AGAP008143-PA	-	49	8.97E-05	2	1668.912	2.88	Head	3R:+:6131042-6131086	exon=> In CDS Exon 2 of transcript AGAP008143-PA
JHU_Ag_115263	VGDMMFNHLFDSSALLHR	AGAP008143-PA	M4(Oxidation), M5(Oxidation)	78	2.10E-07	1	2121.987	1.19	Head	3R:+:6131108-6131160,6131237-6131237	exon=> In CDS Exon 2 and 3 of transcript AGAP008143-PA

JHU_Ag_843	INSPEGQNYLK	AGAP008147-PA	-	53	9.00E-05	2	1262.636	-0.94	Malpighian tubule	3R:+:6188964-6188996	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_6633	DVQPVKEQLAQSLFDHIPVGVGSK	AGAP008147-PA	-	68	9.74E-07	1	2591.389	2.4	Head	3R:+:6188475-6188546	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_18197	DVVQTCHDVGISNK	AGAP008147-PA	C6(Carbamidomethyl)	59	1.36E-05	2	1571.748	-0.36	Visceras	3R:+:6189510-6189551	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_18345	LRPIAVIK	AGAP008147-PA	-	21	0.003034367	1	909.624	-0.82	Ovary	3R:+:6189561-6189584	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_18733	EQLAQSLFDHIPVGVGSK	AGAP008147-PA	-	33	0.005522253	1	1925.021	4.5	Ovary	3R:+:6188493-6188546	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_19162	QIANVAALPGIVGR	AGAP008147-PA	-	68	2.55E-07	2	1378.820	2.64	Head	3R:+:6188196-6188236,6188315-6188315	exon=> In CDS Exon 1 and 2 of transcript AGAP008147-PA
JHU_Ag_24077	QIANVAALPGIVGR	AGAP008147-PA	-	61	1.40E-06	1	1378.817	0.34	Ovary	3R:+:6188196-6188236,6188315-6188315	exon=> In CDS Exon 1 and 2 of transcript AGAP008147-PA
JHU_Ag_25665	DVQPVKEQLAQSLFDHIPVGVGSK	AGAP008147-PA	-	49	7.33E-05	1	2591.394	4.45	Ovary	3R:+:6188475-6188546	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_33572	EGYVWAEDKEHCEEYGR	AGAP008147-PA	C12(Carbamidomethyl)	73	2.17E-07	1	2156.904	2.93	Ovary	3R:+:6188616-6188666	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_36710	INSPEGQNYLK	AGAP008147-PA	-	57	3.27E-05	1	1262.640	1.58	Ovary	3R:+:6188964-6188996	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_43545	LRPIAVIKG	AGAP008147-PA	-	30	0.000200923	1	966.647	1.01	Malpighian tubule	3R:+:6189561-6189587	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_49377	DVVQTCHDVGISNK	AGAP008147-PA	C6(Carbamidomethyl)	70	1.43E-06	1	1571.768	12.22	Ovary	3R:+:6189510-6189551	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_55539	LRPIAVIK	AGAP008147-PA	-	22	0.001599337	2	909.624	-0.28	Head	3R:+:6189561-6189584	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_67217	LRPIAVIKG	AGAP008147-PA	-	15	0.008549486	1	966.646	0.51	Ovary	3R:+:6189561-6189587	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_79609	INSPEGQNYLK	AGAP008147-PA	-	44	0.00083836	2	1262.638	0.51	Head	3R:+:6188964-6188996	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_100936	QFNTTPDDLDMHVIYDVSHNVAK	AGAP008147-PA	M11(Oxidation)	82	8.07E-08	1	2675.237	-1.49	Head	3R:+:6189075-6189143	exon=> In CDS Exon 2 of transcript AGAP008147-PA
JHU_Ag_114351	QIANVAALPGIVGR	AGAP008147-PA	-	63	8.55E-07	2	1378.820	2.2	Malpighian tubule	3R:+:6188196-6188236,6188315-6188315	exon=> In CDS Exon 1 and 2 of transcript AGAP008147-PA
JHU_Ag_1903	AVLCQNAQPIFTTQDHKPILPGEK	AGAP008149-PA	C4(Carbamidomethyl)	81	6.70E-08	1	2705.414	2.18	Malpighian tubule	3R:+:6205896-6205967	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_45046	IITTTEFGNNDITK	AGAP008149-PA	-	95	4.89E-09	2	1566.801	0.02	Ovary	3R:+:6205707-6205748	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_54804	IITTTEFGNNDITK	AGAP008149-PA	-	74	5.66E-07	2	1566.804	1.89	Malpighian tubule	3R:+:6205707-6205748	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_58715	AVLCQNAQPIFTTQDHKPILPGEK	AGAP008149-PA	C4(Carbamidomethyl)	69	1.00E-06	1	2705.412	1.37	Ovary	3R:+:6205896-6205967	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_61989	LEVSDNLVDVANQVIDTCLHK	AGAP008149-PA	C18(Carbamidomethyl)	90	1.27E-08	1	2382.203	2.43	Head	3R:+:6206220-6206282	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_63194	LEVSDNLVDVANQVIDTCLHK	AGAP008149-PA	C18(Carbamidomethyl)	142	9.74E-14	1	2382.189	-3.18	Midgut	3R:+:6206220-6206282	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_69153	IEQILGEMSSIEYGALLK	AGAP008149-PA	-	66	1.95E-06	2	1994.062	5.45	Head	3R:+:6206394-6206447	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_81207	IITTTEFGNNDITK	AGAP008149-PA	-	86	3.66E-08	1	1566.800	-0.45	Male reproductive organs	3R:+:6205707-6205748	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_81583	REEALEQHLR	AGAP008149-PA	-	48	0.000208619	1	1280.669	-1.37	Head	3R:+:6206358-6206387	exon=> In CDS Exon 1 of transcript AGAP008149-PA

JHU_Ag_102137	AIPELASGLDK	AGAP008149-PA	-	41	0.000730674	2	1113.615	0.07	Male reproductive organs	3R:+:6205791-6205823	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_115621	GIHTGFLQLDESMR	AGAP008149-PA	M13(Oxidation)	54	6.56E-05	1	1619.785	0.31	Ovary	3R:+:6205749-6205790	exon=> In CDS Exon 1 of transcript AGAP008149-PA
JHU_Ag_16036	LPNNVLALTIHK	AGAP008150-PA	-	29	0.001534417	3	1332.800	0.36	Head	3R:+:6212525-6212560	exon=> In CDS Exon 3 of transcript AGAP008150-PA
JHU_Ag_52616	VENFIYAEFDHIVTFLEK	AGAP008150-PA	-	62	1.02E-05	1	2214.111	-0.57	Ovary	3R:+:6212011-6212064	exon=> In CDS Exon 2 of transcript AGAP008150-PA
JHU_Ag_59868	SLSAPLTPEEK	AGAP008150-PA	-	38	0.001931014	2	1171.616	-4.29	Midgut	3R:+:6212077-6212109	exon=> In CDS Exon 2 of transcript AGAP008150-PA
JHU_Ag_67953	LPNNVLALTIHK	AGAP008150-PA	-	65	3.54E-07	2	1332.802	1.74	Male reproductive organs	3R:+:6212525-6212560	exon=> In CDS Exon 3 of transcript AGAP008150-PA
JHU_Ag_100392	VENFIYAEFDHIVTFLEK	AGAP008150-PA	-	53	7.98E-05	3	2214.112	0.01	Midgut	3R:+:6212011-6212064	exon=> In CDS Exon 2 of transcript AGAP008150-PA
JHU_Ag_114246	ESGQQPIAYSAVPVTYK	AGAP008151-PA	-	41	0.001097694	1	1837.943	5.54	Ovary	3R:-:6213678-6213628	exon=> In CDS Exon 2 of transcript AGAP008151-PA
JHU_Ag_35235	ILGLLK	AGAP008152-PA	-	21	0.007874854	1	656.472	1.8	Midgut	3R:+:6223995-6224012	exon=> In CDS Exon 3 of transcript AGAP008152-PA
JHU_Ag_12787	IAQHLGLSLYK	AGAP008154-PA	-	53	3.68E-05	1	1242.722	1.17	Male reproductive organs	3R:+:6245368-6245400	exon=> In CDS Exon 1 of transcript AGAP008154-PA
JHU_Ag_21159	LTVEDFGTLTDEQGHR	AGAP008154-PA	-	73	6.38E-07	1	1817.867	0.4	Male reproductive organs	3R:+:6244735-6244782	exon=> In CDS Exon 1 of transcript AGAP008154-PA
JHU_Ag_32396	IQYQTCCTSGGLYR	AGAP008154-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	82	5.36E-08	1	1706.762	-0.52	Male reproductive organs	3R:+:6245179-6245220	exon=> In CDS Exon 1 of transcript AGAP008154-PA
JHU_Ag_44577	GIYSLNNAAQDGFAVR	AGAP008154-PA	-	99	1.75E-09	2	1695.844	-0.41	Male reproductive organs	3R:+:6245440-6245487	exon=> In CDS Exon 1 of transcript AGAP008154-PA
JHU_Ag_96707	VWHSFVDETR	AGAP008154-PA	-	51	0.000110899	1	1275.611	-0.74	Male reproductive organs	3R:+:6245053-6245082	exon=> In CDS Exon 1 of transcript AGAP008154-PA
JHU_Ag_8190	SSRPLIFGALIGK	AGAP008156-PA	-	34	0.000505049	3	1358.818	1.53	Head	3R:+:6262378-6262416	exon=> In CDS Exon 1 of transcript AGAP008156-PA
JHU_Ag_22707	RLPIVQNPSFK	AGAP008156-PA	-	55	1.51E-05	1	1298.758	0.09	Head	3R:+:6263137-6263169	exon=> In CDS Exon 3 of transcript AGAP008156-PA
JHU_Ag_35056	FNVLYDR	AGAP008156-PA	-	35	0.002871054	1	926.473	0.33	Ovary	3R:+:6263340-6263360	exon=> In CDS Exon 4 of transcript AGAP008156-PA
JHU_Ag_48591	AVENDQLKPNQEILR	AGAP008156-PA	-	61	8.19E-06	1	1766.943	2	Ovary	3R:+:6263071-6263115	exon=> In CDS Exon 3 of transcript AGAP008156-PA
JHU_Ag_73259	SSRPLIFGALIGK	AGAP008156-PA	-	65	4.41E-07	1	1358.816	0.32	Ovary	3R:+:6262378-6262416	exon=> In CDS Exon 1 of transcript AGAP008156-PA
JHU_Ag_83506	IILAYIK	AGAP008156-PA	-	27	0.000435542	1	833.549	-0.27	Ovary	3R:+:6263050-6263070	exon=> In CDS Exon 3 of transcript AGAP008156-PA
JHU_Ag_93491	SSRPLIFGALIGK	AGAP008156-PA	-	33	0.000639602	1	1358.821	4.1	Malpighian tubule	3R:+:6262378-6262416	exon=> In CDS Exon 1 of transcript AGAP008156-PA
JHU_Ag_12047	DLVYHRPTCDLLFVGTSPEIYR	AGAP008159-PA	C9(Carbamidomethyl)	50	0.00010558	1	2651.338	3.58	Ovary	3R:-:6267661-6267596	exon=> In CDS Exon 2 of transcript AGAP008159-PA
JHU_Ag_74089	QELADLK	AGAP008159-PA	-	38	0.003664219	2	816.458	14.82	Visceras	3R:-:6266950-6266930	exon=> In CDS Exon 2 of transcript AGAP008159-PA
JHU_Ag_107482	LLSAVLK	AGAP008159-PA	-	26	0.005728855	1	743.502	-0.78	Head	3R:-:6266521-6266501	exon=> In CDS Exon 3 of transcript AGAP008159-PA
JHU_Ag_34775	QYVIEPVYPTR	AGAP008160-PA	-	42	0.000770035	2	1364.722	0.96	Salivary gland	3R:+:6273671-6273703	exon=> In CDS Exon 3 of transcript AGAP008160-PA
JHU_Ag_2251	AYPLAEQALTSK	AGAP008163-PA	-	62	6.83E-06	2	1291.690	0.73	Ovary	3R:+:6279808-6279843	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_2716	AYPLAEQALTSK	AGAP008163-PA	-	54	4.28E-05	2	1291.693	3.19	Malpighian tubule	3R:+:6279808-6279843	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_6481	SQIVSIQQEIER	AGAP008163-PA	Q8(Deamidated)	40	0.001562178	2	1430.753	3.05	Ovary	3R:+:6280120-6280155	exon=> In CDS Exon 2 of transcript AGAP008163-PA

JHU_Ag_16876	SQIVSIQQEIER	AGAP008163-PA	-	93	5.07E-09	1	1429.767	1.7	Visceras	3R:+:6280120-6280155	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_27965	SQIVSIQQEIER	AGAP008163-PA	-	73	5.99E-07	1	1429.765	0.07	Salivary gland	3R:+:6280120-6280155	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_33755	AYPLAEQALTSK	AGAP008163-PA	-	60	1.14E-05	2	1291.689	-0.4	Midgut	3R:+:6279808-6279843	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_50698	SQIVSIQQEIER	AGAP008163-PA	-	64	4.59E-06	2	1429.769	3.4	Malpighian tubule	3R:+:6280120-6280155	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_51851	ACGVSRPIVACSVTIDEGSQLK	AGAP008163-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	111	1.22E-10	1	2347.177	0.87	Head	3R:+:6280054-6280119	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_58146	AYPLAEQALTSKIMTLIQQAVNYK	AGAP008163-PA	M14(Oxidation)	65	1.48E-06	3	2710.466	6.35	Malpighian tubule	3R:+:6279808-6279879	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_59125	ACGVSRPIVACSVTIDEGSQLK	AGAP008163-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	108	2.36E-10	1	2347.174	-0.3	Midgut	3R:+:6280054-6280119	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_63714	ACGVSRPIVACSVTIDEGSQLKSQIVSIQQEIER	AGAP008163-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	77	1.29E-07	1	3757.921	-0.01	Malpighian tubule	3R:+:6280054-6280155	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_64246	IMTLIQQAVNYK	AGAP008163-PA	M2(Oxidation)	100	8.15E-10	1	1421.784	1.63	Salivary gland	3R:+:6279844-6279879	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_65273	ACGVSRPIVACSVTIDEGSQLK	AGAP008163-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	66	3.62E-06	3	2347.179	1.97	Visceras	3R:+:6280054-6280119	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_67923	ACGVSRPIVACSVTIDEGSQLK	AGAP008163-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	91	1.18E-08	1	2347.185	4.31	Ovary	3R:+:6280054-6280119	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_70933	TEEVNPK	AGAP008163-PA	N-Term(Acetyl)	37	0.001288966	1	858.422	2.39	Malpighian tubule	3R:+:6279787-6279807	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_72374	SQIVSIQQEIER	AGAP008163-PA	-	80	1.14E-07	1	1429.766	0.76	Head	3R:+:6280120-6280155	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_79319	AYPLAEQALTSK	AGAP008163-PA	-	42	0.000778177	2	1291.688	-1.26	Salivary gland	3R:+:6279808-6279843	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_80099	IMTLIQQAVNYK	AGAP008163-PA	M2(Oxidation)	74	3.81E-07	1	1437.779	1.16	Head	3R:+:6279844-6279879	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_100021	IMTLIQQAVNYK	AGAP008163-PA	M2(Oxidation)	92	6.17E-09	1	1421.781	-0.86	Midgut	3R:+:6279844-6279879	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_109529	ACGVSRPIVACSVTIDEGSQLK	AGAP008163-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	100	1.75E-09	1	2347.180	2.51	Salivary gland	3R:+:6280054-6280119	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_110163	IMTLIQQAVNYK	AGAP008163-PA	M2(Oxidation)	93	4.67E-09	1	1437.777	0.23	Ovary	3R:+:6279844-6279879	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_111671	SQIVSIQQEIER	AGAP008163-PA	-	47	0.000276115	2	1429.769	2.81	Midgut	3R:+:6280120-6280155	exon=> In CDS Exon 2 of transcript AGAP008163-PA
JHU_Ag_219	EVSLDEVFK	AGAP008165-PB,AGAP008165-PC	-	46	0.000437251	2	1065.547	0.56	Pupa	3R:-:6284447-6284421;3R:-:6284447-6284421	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_5181	ECLPAVYGGTVDAPR	AGAP008165-PB,AGAP008165-PC	C2(Carbamidomethyl)	75	4.65E-07	2	1604.776	1.25	Pupa	3R:-:6284108-6284064;3R:-:6284108-6284064	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_19392	IVDWLQDAVPLR	AGAP008165-PB,AGAP008165-PC	-	46	0.000184795	2	1424.796	4.21	Visceras	3R:-:6284288-6284253;3R:-:6284288-6284253	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_19707	VQGEQWYELLLK	AGAP008165-PB,AGAP008165-PC	-	72	7.76E-07	1	1505.803	1.99	Pupa	3R:-:6284063-6284028;3R:-:6284063-6284028	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC

JHU_Ag_26397	QNILAVFPNR	AGAP008165-PB,AGAP008165-PC	-	39	0.001490623	2	1171.659	0.4	Head	3R:-:6284534-6284505;3R:-:6284534-6284505	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_29059	QNILAVFPNR	AGAP008165-PB,AGAP008165-PC	-	55	3.75E-05	2	1171.658	-0.12	Pupa	3R:-:6284534-6284505;3R:-:6284534-6284505	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_29877	ECLPAVYGGTVDAPR	AGAP008165-PB,AGAP008165-PC	C2(Carbamidomethyl)	75	4.43E-07	2	1604.772	-1.03	Head	3R:-:6284108-6284064;3R:-:6284108-6284064	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_30464	IVDWLQDAVPLR	AGAP008165-PB,AGAP008165-PC	-	42	0.000463649	2	1424.794	3.1	Malpighian tubule	3R:-:6284288-6284253;3R:-:6284288-6284253	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_36860	VQGEQWYELLLK	AGAP008165-PB,AGAP008165-PC	-	64	3.53E-06	1	1505.809	6.04	Head	3R:-:6284063-6284028;3R:-:6284063-6284028	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_51510	FELEDLTPFGK	AGAP008165-PB,AGAP008165-PC	-	48	0.000217375	2	1295.661	7.1	Male reproductive organs	3R:-:6285979-6285947;3R:-:6285979-6285947	exon=> In CDS Exon 1 of transcript AGAP008165-PB;exon=> In CDS Exon 2 of transcript AGAP008165-PC
JHU_Ag_54785	RVLLLELGK	AGAP008165-PB,AGAP008165-PC	-	29	0.000801518	2	1040.684	0.79	Head	3R:-:6284489-6284463;3R:-:6284489-6284463	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_56862	FELEDLTPFGK	AGAP008165-PB,AGAP008165-PC	-	71	1.07E-06	2	1295.651	-0.82	Head	3R:-:6285979-6285947;3R:-:6285979-6285947	exon=> In CDS Exon 1 of transcript AGAP008165-PB;exon=> In CDS Exon 2 of transcript AGAP008165-PC
JHU_Ag_63325	VLLLELGK	AGAP008165-PB,AGAP008165-PC	-	25	0.004030267	2	884.582	0.01	Pupa	3R:-:6284486-6284463;3R:-:6284486-6284463	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_71039	VQGEQWYELLLK	AGAP008165-PB,AGAP008165-PC	-	38	0.001895252	1	1505.804	2.55	Male reproductive organs	3R:-:6284063-6284028;3R:-:6284063-6284028	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_92341	ECLPAVYGGTVDAPR	AGAP008165-PB,AGAP008165-PC	C2(Carbamidomethyl)	74	6.24E-07	2	1604.775	1.02	Male reproductive organs	3R:-:6284108-6284064;3R:-:6284108-6284064	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC
JHU_Ag_106487	FELEDLTPFGK	AGAP008165-PB,AGAP008165-PC	-	73	7.00E-07	1	1295.655	2.29	Ovary	3R:-:6285979-6285947;3R:-:6285979-6285947	exon=> In CDS Exon 1 of transcript AGAP008165-PB;exon=> In CDS Exon 2 of transcript AGAP008165-PC
JHU_Ag_114101	IVDWLQDAVPLR	AGAP008165-PB,AGAP008165-PC	-	77	1.38E-07	2	1424.794	3.01	Pupa	3R:-:6284288-6284253;3R:-:6284288-6284253	exon=> In CDS Exon 3 of transcript AGAP008165-PB;exon=> In CDS Exon 4 of transcript AGAP008165-PC

JHU_Ag_34343	AAAIEELR	AGAP008165-PB,AGAP008165-PC,AGAP009379-PA	-	44	0.000674696	1	872.483	-1.09	Pupa	3R:-:6285904-6285881;3R:-:6285904-6285881;3R:+:31864609-31864632	exon=> In CDS Exon 1 of transcript AGAP008165-PB;exon=> In CDS Exon 2 of transcript AGAP008165-PC;exon=> In CDS Exon 1 of transcript AGAP009379-PA
JHU_Ag_1857	KYPMVVNVYAGPDSVR	AGAP008176-PA	M4(Oxidation)	45	0.000461675	2	1810.915	-0.54	Midgut	3R:-:6391840-6391793	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_4905	FDRPNGWYDLYTPR	AGAP008176-PA	N5(Deamidated)	56	3.04E-05	1	1800.838	2.01	Larva	3R:-:6392440-6392399	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_5618	GVIYAQIDGR	AGAP008176-PA	-	34	0.004348728	2	1091.588	3.66	Larva	3R:-:6391742-6391713	exon=> In CDS Exon 5 of transcript AGAP008176-PA
JHU_Ag_7598	EFTYHLYGSPDDTDKQYPEELR	AGAP008176-PA	-	176	2.96E-17	1	2703.236	5.69	Larva	3R:-:6392755-6392690	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_10195	NAECLTCGLTDELEGSSVR	AGAP008176-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	153	5.05E-15	1	2110.945	3.46	Larva	3R:-:6392188-6392132	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_10942	NAECLTCGLTDELEGSSVR	AGAP008176-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	94	3.31E-09	1	2110.932	-3.02	Midgut	3R:-:6392188-6392132	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_12581	CAAVSGTCAEAVR	AGAP008176-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	80	1.05E-07	1	1351.614	3.65	Larva	3R:-:6392479-6392441	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_13596	VPVGDDGQFEASVR	AGAP008176-PA	-	100	1.25E-09	1	1475.713	0.57	Midgut	3R:-:6391942-6391901	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_14283	LFLPPEIDFEEAAAGTATTR	AGAP008176-PA	-	42	0.000875714	2	2149.077	-2.13	Midgut	3R:-:6391900-6391841	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_16098	ALLDHDIDFEQMSYPDEAHSLSGVQR	AGAP008176-PA	M12(Oxidation)	60	1.05E-05	1	2989.372	2.8	Larva	3R:-:6391221-6391391,6391001-6391049	exon=> In CDS Exon 7 and 6 of transcript AGAP008176-PA
JHU_Ag_16881	TGIWGSSYGGYATAMTLEK	AGAP008176-PA	M15(Oxidation)	113	7.38E-11	1	2008.933	0.2	Midgut	3R:-:6391583-6391527	exon=> In CDS Exon 5 of transcript AGAP008176-PA
JHU_Ag_22142	TGIWGSSYGGYATAMTLEK	AGAP008176-PA	M15(Oxidation)	121	1.33E-11	1	2008.942	4.88	Larva	3R:-:6391583-6391527	exon=> In CDS Exon 5 of transcript AGAP008176-PA
JHU_Ag_22409	EFTYHLYGSPDDTDK	AGAP008176-PA	-	73	3.50E-07	1	1787.781	2.8	Larva	3R:-:6392755-6392711	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_23731	AVMELTGDGSTAPIPR	AGAP008176-PA	M3(Oxidation)	100	1.52E-09	1	1630.817	3.82	Larva	3R:-:6392347-6392300	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_23776	FDRPNGWYDLYTPR	AGAP008176-PA	-	38	0.002193334	3	1799.850	0.08	Midgut	3R:-:6392440-6392399	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_24382	LGTYEMEDQIAVAR	AGAP008176-PA	M6(Oxidation)	92	9.47E-09	1	1611.775	4.15	Larva	3R:-:6391664-6391623	exon=> In CDS Exon 5 of transcript AGAP008176-PA
JHU_Ag_26009	TPTEFTVSSINGYDETTQSLYYTAVPAAQPHHR	AGAP008176-PA	Q18(Deamidated),N11(Deamidated)	80	1.15E-07	1	3681.755	2.46	Midgut	3R:-:6392299-6392201	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_32679	TPTEFTVSSINGYDETTQSLYYTAVPAAQPHHR	AGAP008176-PA	Q18(Deamidated),N11(Deamidated)	101	8.53E-10	1	3682.751	5.68	Larva	3R:-:6392299-6392201	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_37921	GVIYAQIDGR	AGAP008176-PA	-	51	8.26E-05	2	1091.587	1.98	Midgut	3R:-:6391742-6391713	exon=> In CDS Exon 5 of transcript AGAP008176-PA
JHU_Ag_40441	DNNVYYR	AGAP008176-PA	-	34	0.001982422	2	943.426	-0.48	Midgut	3R:-:6392956-6392936	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_40895	ASLLDPVER	AGAP008176-PA	-	38	0.001461581	2	999.547	-0.31	Midgut	3R:-:6392935-6392909	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_50878	QLVLDWEWNVER	AGAP008176-PA	-	77	2.94E-07	2	1586.795	-0.65	Midgut	3R:-:6392026-6391991	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_62661	AVMELTGDGSTAPIPR	AGAP008176-PA	M3(Oxidation)	94	6.87E-09	2	1630.810	-0.53	Midgut	3R:-:6392347-6392300	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_65050	GASIQLIKPDFTK	AGAP008176-PA	-	92	3.20E-09	1	1417.804	-0.37	Midgut	3R:-:6393314-6393276	exon=> In CDS Exon 2 of transcript AGAP008176-PA
JHU_Ag_71093	QLVLDWEWNVER	AGAP008176-PA	-	72	9.94E-07	2	1586.805	5.43	Larva	3R:-:6392026-6391991	exon=> In CDS Exon 4 of transcript AGAP008176-PA

JHU_Ag_74680	DFTFDEIIPNQFGLR	AGAP008176-PA	-	48	0.000234863	1	1811.909	6.76	Midgut	3R:-:6393546-6393502	exon=> In CDS Exon 1 of transcript AGAP008176-PA
JHU_Ag_77365	GASIQLIKPDFTK	AGAP008176-PA	-	75	1.38E-07	1	1417.812	4.63	Larva	3R:-:6393314-6393276	exon=> In CDS Exon 2 of transcript AGAP008176-PA
JHU_Ag_79001	ASLLDPVER	AGAP008176-PA	-	34	0.00319784	1	999.549	1.95	Larva	3R:-:6392935-6392909	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_101702	ALLDHDIDFEQMSYPDEAHSLSGVQR	AGAP008176-PA	M12(Oxidation)	127	2.25E-12	1	2989.360	-1.04	Midgut	3R:-:6391221-6391391,6391001-6391049	exon=> In CDS Exon 7 and 6 of transcript AGAP008176-PA
JHU_Ag_107678	KYPMVVNVYAGPDSVR	AGAP008176-PA	M4(Oxidation)	60	1.52E-05	2	1810.922	3.37	Larva	3R:-:6391840-6391793	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_109004	EFTYHLYGSPDDTDKQYPEELR	AGAP008176-PA	-	164	4.23E-16	1	2703.220	-0.55	Midgut	3R:-:6392755-6392690	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_115884	GTGNQGYEFLFSINNR	AGAP008176-PA	-	92	7.57E-09	2	1816.862	0.15	Midgut	3R:-:6391712-6391665	exon=> In CDS Exon 5 of transcript AGAP008176-PA
JHU_Ag_117447	LAMASFDDR	AGAP008176-PA	-	46	0.000237762	2	1025.473	0.69	Midgut	3R:-:6392791-6392765	exon=> In CDS Exon 4 of transcript AGAP008176-PA
JHU_Ag_3033	FGWFFGR	AGAP008179-PA	-	37	0.001440878	1	916.447	0.11	Midgut	3R:-:6404247-6404227	exon=> In CDS Exon 2 of transcript AGAP008179-PA
JHU_Ag_22497	EFVLEPGTEVYK	AGAP008179-PA	-	40	0.001229062	2	1410.715	0.14	Midgut	3R:-:6404835-6404800	exon=> In CDS Exon 1 of transcript AGAP008179-PA
JHU_Ag_98417	VVTINPVLLTVGYALR	AGAP008179-PA	-	90	5.92E-10	2	1728.042	-0.2	Midgut	3R:-:6404562-6404970,6403622-6404446	exon=> In CDS Exon 2 and 1 of transcript AGAP008179-PA
JHU_Ag_112842	NSIQR	AGAP008182-PA	N1(Deamidated), Q4(Deamidated)	34	0.008301733	1	619.305	0.63	Head	3R:+:6432560-6432574	exon=> In CDS Exon 2 of transcript AGAP008182-PA
JHU_Ag_6073	VTAFLPWIK	AGAP008183-PA	-	47	8.68E-05	1	1074.635	0.69	Pupa	3R:+:6443932-6443958	exon=> In CDS Exon 7 of transcript AGAP008183-PA
JHU_Ag_20005	TLYNDVAVLTMDQAVPFTK	AGAP008183-PA	M11(Oxidation)	64	6.11E-06	2	2126.090	2.93	Pupa	3R:+:6443303-6443308,6443382-6443432	exon=> In CDS Exon 4 and 5 of transcript AGAP008183-PA
JHU_Ag_93381	VTAFLPWIKK	AGAP008183-PA	-	51	1.35E-05	1	1202.731	1.11	Pupa	3R:+:6443932-6443961	exon=> In CDS Exon 7 of transcript AGAP008183-PA
JHU_Ag_96176	AYSGLTATVIGWGSLR	AGAP008183-PA	-	50	7.54E-05	2	1651.894	8.57	Pupa	3R:+:6443475-6443522	exon=> In CDS Exon 5 of transcript AGAP008183-PA
JHU_Ag_105632	IKYGPAAPGGIIDTMLCAGQAAK	AGAP008183-PA	C17(Carbamidomethyl)	32	0.005929316	1	2303.203	5.98	Pupa	3R:+:6443662-6443730	exon=> In CDS Exon 6 of transcript AGAP008183-PA
JHU_Ag_28610	VPADLILLR	AGAP008184-PA,AGAP008184-PB	-	63	3.86E-07	2	1009.644	3.68	Salivary gland	3R:-:6449553-6449527;3R:-:6449553-6449527	exon=> In CDS Exon 2 of transcript AGAP008184-PA;exon=> In CDS Exon 2 of transcript AGAP008184-PB
JHU_Ag_29886	VPADLILLR	AGAP008184-PA,AGAP008184-PB	-	46	2.37E-05	1	1009.641	0.83	Malpighian tubule	3R:-:6449553-6449527;3R:-:6449553-6449527	exon=> In CDS Exon 2 of transcript AGAP008184-PA;exon=> In CDS Exon 2 of transcript AGAP008184-PB
JHU_Ag_96472	CGQCHNNTMGAQCDK	AGAP008185-PA	C1(Carbamidomethyl), Q3(Deamidated), C4(Carbamidomethyl), N6(Deamidated), N7(Deamidated), M9(Oxidation), C13(Carbamidomethyl)	17	0.001505857	1	1799.589	-10.95	Visceras	3R:+:6460931-6460975	exon=> In CDS Exon 5 of transcript AGAP008185-PA
JHU_Ag_5880	VIEILQSR	AGAP008186-PA	-	60	1.17E-05	2	957.573	0.19	Male reproductive organs	3R:+:6465976-6465999	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_6152	ADCDREELAFLR	AGAP008186-PA	C3(Carbamidomethyl)	65	4.70E-06	1	1494.701	0.55	Male reproductive organs	3R:+:6465637-6465672	exon=> In CDS Exon 1 of transcript AGAP008186-PA

JHU_Ag_16110	EKQQVEVEAIR	AGAP008186-PA	-	90	1.13E-08	1	1328.720	2.61	Male reproductive organs	3R:+:6467059-6467091	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_18068	QINFEIEQIK	AGAP008186-PA	-	39	0.001617803	1	1261.677	-1.14	Male reproductive organs	3R:+:6466771-6466800	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_36595	AEASFTIGNR	AGAP008186-PA	-	49	0.000212407	2	1065.534	1.37	Male reproductive organs	3R:+:6467227-6467256	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_48707	YSQLESELAQCR	AGAP008186-PA	C11(Carbamidomethyl)	113	5.52E-11	1	1483.685	0.17	Male reproductive organs	3R:+:6467191-6467226	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_51299	ESVAPSTTCPLR	AGAP008186-PA	C9(Carbamidomethyl)	71	1.47E-06	1	1317.652	4.16	Male reproductive organs	3R:+:6466384-6466419	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_52236	EQATQLDDYRAR	AGAP008186-PA	-	36	0.003492246	1	1465.707	2.74	Male reproductive organs	3R:+:6466654-6466689	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_56760	QSNETLFAELER	AGAP008186-PA	-	82	9.66E-08	2	1436.703	1.22	Male reproductive organs	3R:+:6466885-6466920	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_60769	VLSSSFDDAQLQIR	AGAP008186-PA	-	121	1.15E-11	1	1578.814	0.86	Male reproductive organs	3R:+:6467293-6467334	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_61364	QINFEIEQIK	AGAP008186-PA	Q1(Deamidated),N3(Deamidated)	39	0.002071395	1	1262.659	-2.98	Malpighian tubule	3R:+:6466771-6466800	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_61486	LLADVIAEQR	AGAP008186-PA	-	84	3.62E-08	2	1127.642	-0.28	Male reproductive organs	3R:+:6465709-6465738	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_62457	AQAGPEDPTPEDTERELLK	AGAP008186-PA	-	63	7.65E-06	1	2096.013	-0.62	Male reproductive organs	3R:+:6466543-6466599	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_65043	NQLAYLQNEK	AGAP008186-PA	-	68	2.18E-06	1	1220.632	4.09	Male reproductive organs	3R:+:6467344-6467373	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_73500	AEASFTIGNREQALR	AGAP008186-PA	-	79	1.96E-07	1	1662.858	1.05	Male reproductive organs	3R:+:6467227-6467271	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_78114	FCETDMMQR	AGAP008186-PA	C2(Carbamidomethyl), M6(Oxidation), M7(Oxidation)	26	0.001521077	1	1249.465	0.27	Male reproductive organs	3R:+:6466096-6466122	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_79035	ELDELRTESAK	AGAP008186-PA	-	75	6.10E-07	1	1290.658	3.56	Male reproductive organs	3R:+:6467101-6467133	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_89260	DNDTILDRHPKPVAPITPR	AGAP008186-PA	-	106	1.42E-10	1	2155.161	-0.41	Male reproductive organs	3R:+:6466039-6466095	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_90294	YLAAQQQVEEQR	AGAP008186-PA	-	109	2.05E-10	1	1462.733	3.36	Male reproductive organs	3R:+:6466690-6466725	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_91725	AQAGPEDPTPEDTER	AGAP008186-PA	-	59	1.10E-05	2	1612.709	0.18	Male reproductive organs	3R:+:6466543-6466587	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_94821	TNTETLGQNLEEMER	AGAP008186-PA	M13(Oxidation)	103	5.50E-10	1	1780.803	0.65	Male reproductive organs	3R:+:6466138-6466182	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_101668	ALHTIQQELGPMGR	AGAP008186-PA	M12(Oxidation)	80	1.48E-07	1	1566.806	0.2	Male reproductive organs	3R:+:6466183-6466224	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_102063	AEQLKQSNETLFAELER	AGAP008186-PA	-	106	4.13E-10	1	2006.022	1.26	Male reproductive organs	3R:+:6466870-6466920	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_102751	DRVIEILQSR	AGAP008186-PA	-	69	1.01E-06	1	1228.703	1.38	Male reproductive organs	3R:+:6465970-6465999	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_108714	QALLQSQTDLEQTQER	AGAP008186-PA	-	115	4.69E-11	1	1887.944	1.74	Male reproductive organs	3R:+:6466993-6467040	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_115955	EQATQLDDYR	AGAP008186-PA	-	58	2.03E-05	2	1238.570	3.79	Male reproductive organs	3R:+:6466654-6466683	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_117804	QINFEIEQIKR	AGAP008186-PA	-	76	2.10E-07	1	1417.782	1.62	Male reproductive organs	3R:+:6466771-6466803	exon=> In CDS Exon 1 of transcript AGAP008186-PA
JHU_Ag_2191	SQQITPVPSSR	AGAP008190-PA	-	40	0.00103953	2	1199.641	2.8	Malpighian tubule	3R:+:6535366-6535398	exon=> In CDS Exon 7 of transcript AGAP008190-PA
JHU_Ag_20216	YMYTYWPDPK	AGAP008190-PA	M2(Oxidation)	37	0.001110102	2	1379.597	-0.69	Midgut	3R:+:6533943-6533972	exon=> In CDS Exon 4 of transcript AGAP008190-PA

JHU_Ag_41052	DLGGATSPMSETSTMAGSVLGR	AGAP008190-PA	M9(Oxidation), M15(Oxidation)	94	4.54E-09	1	2156.984	2.07	Head	3R:+:6535300-6535365	exon=> In CDS Exon 7 of transcript AGAP008190-PA
JHU_Ag_61167	HGNPTPTQVLGLYFEK	AGAP008190-PA	-	64	6.03E-06	2	1800.928	0.23	Midgut	3R:+:6534363-6534410	exon=> In CDS Exon 5 of transcript AGAP008190-PA
JHU_Ag_61938	SGLTGSQSSLR	AGAP008190-PA	-	46	0.000409573	2	1092.565	0.3	Malpighian tubule	3R:+:6535063-6535095	exon=> In CDS Exon 7 of transcript AGAP008190-PA
JHU_Ag_76426	HGNPTPTQVLGLYFEK	AGAP008190-PA	-	69	1.64E-06	2	1800.936	4.37	Head	3R:+:6534363-6534410	exon=> In CDS Exon 5 of transcript AGAP008190-PA
JHU_Ag_76840	DWHFLAETPESLIR	AGAP008190-PA	-	66	3.36E-06	1	1713.860	0.48	Midgut	3R:+:6533706-6533747	exon=> In CDS Exon 4 of transcript AGAP008190-PA
JHU_Ag_103733	WVYENIESFNGDR	AGAP008190-PA	-	70	9.44E-07	2	1628.732	-1.4	Midgut	3R:+:6533304-6533342	exon=> In CDS Exon 4 of transcript AGAP008190-PA
JHU_Ag_111113	SLAPYFEVDER	AGAP008190-PA	-	59	2.10E-05	2	1325.637	-0.1	Midgut	3R:+:6533829-6533861	exon=> In CDS Exon 4 of transcript AGAP008190-PA
JHU_Ag_116549	EQYINLLSDFLYR	AGAP008190-PA	-	99	1.80E-09	2	1673.856	1.42	Midgut	3R:+:6533991-6534005,6534075-6534098	exon=> In CDS Exon 4 and 5 of transcript AGAP008190-PA
JHU_Ag_34	MVIGDQFNPCDEANCGDNTVCVPKPDDTFDCNCK	AGAP008193-PA	M1(Oxidation), C10(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl), C31(Carbamidomethyl), C33(Carbamidomethyl),"C10(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl), C31(Carbamidomethyl), C33(Carbamidomethyl)"	100	1.91E-10	1	3992.613	4.13	Head	3R:-:6559634-6560289,6559155-6559458	exon=> In CDS Exon 5 and 4 of transcript AGAP008193-PA
JHU_Ag_697	LDDGFLLISQGVANIR	AGAP008193-PA	-	48	0.000110202	1	1730.952	4.93	Larva	3R:-:6557915-6557868	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_1385	DIVSPEGVAVDWISRR	AGAP008193-PA	-	35	0.003257653	1	1798.958	7.28	Malpighian tubule	3R:-:6557702-6557655	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_1824	FLVNPR	AGAP008193-PA	-	41	0.001293127	2	745.436	0.03	Ovary	3R:-:6557570-6557553	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_2202	NGFTYIPYGTSNR	AGAP008193-PA	N1(Deamidated), N12(Deamidated)	42	0.000637429	2	1491.677	1.4	Malpighian tubule	3R:-:6559457-6559419	exon=> In CDS Exon 5 of transcript AGAP008193-PA
JHU_Ag_2410	NCANIPSLCDPNAR	AGAP008193-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	73	5.20E-07	1	1601.717	0.93	Ovary	3R:-:6558041-6558000	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_5103	AGSCGGAYCAENAVCVIDPVQK	AGAP008193-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	85	2.75E-08	2	2326.021	-2.42	Visceras	3R:-:6558374-6558309	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_6490	SGYYGNGFSCVK	AGAP008193-PA	C10(Carbamidomethyl),"N6(Deamidated), C10(Carbamidomethyl)"	54	2.36E-05	2	1339.568	4.15	Malpighian tubule	3R:-:6560380-6560593,6559545-6560280	exon=> In CDS Exon 4 and 3 of transcript AGAP008193-PA
JHU_Ag_6652	TVLISK	AGAP008193-PA	-	40	0.00029931	1	660.431	3.41	Malpighian tubule	3R:-:6557588-6557571	exon=> In CDS Exon 8 of transcript AGAP008193-PA

JHU_Ag_6908	IEWSNLDGTER	AGAP008193-PA	-	40	0.001337004	2	1319.621	-1.54	Visceras	3R:-:6557486-6557454	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_7364	NNCGLHAACVPSYR	AGAP008193-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	93	5.04E-09	1	1618.715	-3.69	Head	3R:-:6558224-6558868,6557242-6558114	exon=> In CDS Exon 8 and 7 of transcript AGAP008193-PA
JHU_Ag_8421	SDIPLR	AGAP008193-PA	-	34	0.002230297	2	700.401	3.66	Ovary	3R:-:6560279-6560262	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_8454	LYWTDSAKDTIEVASLDNPEQR	AGAP008193-PA	-	70	1.69E-06	1	2551.243	4.66	Malpighian tubule	3R:-:6557654-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_9996	IYWSDIAAQQIVSAK	AGAP008193-PA	-	111	9.00E-11	1	1692.894	-0.68	Midgut	3R:-:6557783-6557739	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_10136	CAEFADCVEGQCQCR	AGAP008193-PA	C1(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	80	4.79E-09	2	1889.710	3.28	Malpighian tubule	3R:-:6559081-6559037	exon=> In CDS Exon 6 of transcript AGAP008193-PA
JHU_Ag_10200	IYWSDIAAQQIVSAK	AGAP008193-PA	-	40	0.001084341	2	1692.898	1.63	Visceras	3R:-:6557783-6557739	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_10468	TCHLAPECAVDDDCGMNSECQQGVCVCQEGYERDLSDFCVR	AGAP008193-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl), M16(Oxidation), C20(Carbamidomethyl), C25(Carbamidomethyl), C27(Carbamidomethyl), C39(Carbamidomethyl)	51	3.94E-06	1	4942.945	3.12	Malpighian tubule	3R:-:6558497-6558375	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_13310	CNPGYEGNGYVCDK	AGAP008193-PA	C1(Carbamidomethyl), N2(Deamidated), C12(Carbamidomethyl)	33	0.000389126	2	1633.628	1.27	Ovary	3R:-:6559325-6559284	exon=> In CDS Exon 5 of transcript AGAP008193-PA
JHU_Ag_14866	DIVSPEGVAVDWISR	AGAP008193-PA	-	103	7.50E-10	2	1642.855	7.18	Malpighian tubule	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_15105	DLYSYANEASEVLPR	AGAP008193-PA	-	80	1.32E-07	2	1726.835	4.02	Head	3R:-:6562277-6562233	exon=> In CDS Exon 1 of transcript AGAP008193-PA
JHU_Ag_15787	IPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	97	1.52E-09	1	2236.970	0.48	Ovary	3R:-:6558308-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_16114	INLGYEPR	AGAP008193-PA	-	54	5.83E-05	2	961.510	-0.52	Malpighian tubule	3R:-:6559691-6559668	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_17699	KVECIDTYSR	AGAP008193-PA	C4(Carbamidomethyl)	57	2.30E-05	1	1270.614	3.28	Ovary	3R:-:6557357-6557328	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_18246	DTIEVASLDNPEQR	AGAP008193-PA	-	82	8.55E-08	2	1586.767	0.81	Ovary	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_18455	INLGYEPR	AGAP008193-PA	-	63	1.15E-05	2	961.509	-0.96	Visceras	3R:-:6559691-6559668	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_19263	LHLDDYSVAFRR	AGAP008193-PA	-	44	0.00065468	1	1491.777	4.76	Malpighian tubule	3R:-:6559892-6559857	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_19689	DIVSPEGVAVDWISR	AGAP008193-PA	-	45	0.000459214	2	1642.844	0.27	Male reproductive organs	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_19743	DNFGSLLAR	AGAP008193-PA	-	57	2.75E-05	2	992.520	4.08	Malpighian tubule	3R:-:6560959-6560933	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_20738	DIVSPEGVAVDWISR	AGAP008193-PA	-	86	3.75E-08	1	1642.845	0.86	Salivary gland	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA

JHU_Ag_21061	IPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	93	3.94E-09	1	2236.976	3.42	Malpighian tubule	3R:-:6558308-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_21077	AQAGFAAEDDRTFMLPGSGTDNVR	AGAP008193-PA	M14(Oxidation)	107	2.13E-10	1	2542.171	3.18	Malpighian tubule	3R:-:6560728-6561154,6560355-6560588	exon=> In CDS Exon 3 and 2 of transcript AGAP008193-PA
JHU_Ag_21134	LYWSDWNR	AGAP008193-PA	-	34	0.004048769	1	1139.527	0.22	Pupa	3R:-:6557522-6557499	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_21740	IYWSDIAAQQIVSAK	AGAP008193-PA	-	88	1.48E-08	2	1692.901	3.43	Salivary gland	3R:-:6557783-6557739	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_22148	AQAGFAAEDDR	AGAP008193-PA	-	90	9.66E-09	1	1150.515	2.52	Larva	3R:-:6560728-6560696	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_23398	VLGNVNGEPLDTQLQSYVVMVDGR	AGAP008193-PA	M20(Oxidation)	73	5.68E-07	2	2603.330	6.2	Malpighian tubule	3R:-:6560249-6560178	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_23913	AGSCGGAYCAENAVCVIDPVQKIPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl), C26(Carbamidomethyl), C28(Carbamidomethyl), C40(Carbamidomethyl)	150	3.64E-15	1	4543.996	4.15	Malpighian tubule	3R:-:6558374-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_24862	TFMLPGSGTDNVR	AGAP008193-PA	M3(Oxidation)	68	2.52E-06	1	1410.677	5.97	Larva	3R:-:6560695-6561154,6560355-6560588	exon=> In CDS Exon 3 and 2 of transcript AGAP008193-PA
JHU_Ag_26140	EVSCLDDEEICDIHASCTYMLNR	AGAP008193-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl), M20(Oxidation)	53	1.78E-05	1	2846.184	3.57	Malpighian tubule	3R:-:6558611-6558543	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_27298	HLTISSNINQPGVWLYHVGPLAPEGNVEQPDR	AGAP008193-PA	-	40	0.000636905	1	3537.824	10.41	Malpighian tubule	3R:-:6560587-6560492	exon=> In CDS Exon 3 of transcript AGAP008193-PA
JHU_Ag_27975	NGFTYIPYGTSNR	AGAP008193-PA	N1(Deamidated), N12(Deamidated),N12(Deamidated)	39	0.001285956	2	1491.680	3.61	Ovary	3R:-:6559457-6559419	exon=> In CDS Exon 5 of transcript AGAP008193-PA
JHU_Ag_28280	IPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	78	1.30E-07	1	2236.966	-1.32	Visceras	3R:-:6558308-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_29030	DLYSYANEASEVLPR	AGAP008193-PA	-	68	2.51E-06	2	1726.837	5.22	Midgut	3R:-:6562277-6562233	exon=> In CDS Exon 1 of transcript AGAP008193-PA
JHU_Ag_30380	SDIPLR	AGAP008193-PA	-	37	0.001052841	2	700.400	2.27	Malpighian tubule	3R:-:6560279-6560262	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_31213	LYWSDWNR	AGAP008193-PA	-	46	0.000284714	2	1139.529	1.5	Malpighian tubule	3R:-:6557522-6557499	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_31288	TGGFEALQVFVATWEHVGHYSMK	AGAP008193-PA	M22(Oxidation)	108	2.55E-10	1	2610.256	4.53	Ovary	3R:-:6560932-6560864	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_31446	DLYSYANEASEVLPR	AGAP008193-PA	-	54	6.24E-05	2	1726.838	5.72	Larva	3R:-:6562277-6562233	exon=> In CDS Exon 1 of transcript AGAP008193-PA
JHU_Ag_32585	LYWSDWNR	AGAP008193-PA	-	52	5.90E-05	1	1139.527	-0.32	Midgut	3R:-:6557522-6557499	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_33467	HLTISSNINQPGVWLYHVGPLAPEGNVEQPDR	AGAP008193-PA	-	88	1.28E-08	1	3537.812	6.79	Ovary	3R:-:6560587-6560492	exon=> In CDS Exon 3 of transcript AGAP008193-PA
JHU_Ag_33580	AGSCGGAYCAENAVCVIDPVQK	AGAP008193-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	115	3.03E-11	1	2326.038	5.04	Ovary	3R:-:6558374-6558309	exon=> In CDS Exon 7 of transcript AGAP008193-PA

JHU_Ag_35665	MVIGDQFNPCDEANCGDNTVCVPKPDDTFDCNCK	AGAP008193-PA	M1(Oxidation), C10(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl), C31(Carbamidomethyl), C33(Carbamidomethyl)	260	1.82E-26	1	4008.603	3.12	Ovary	3R:-:6559634-6560289,6559155-6559458	exon=> In CDS Exon 5 and 4 of transcript AGAP008193-PA
JHU_Ag_36981	GIAVDPHQTK	AGAP008193-PA	-	53	5.90E-05	2	1065.572	3.2	Head	3R:-:6557552-6557523	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_40023	LQAVSAHSFR	AGAP008193-PA	-	62	8.63E-06	1	1115.596	0.3	Midgut	3R:-:6559841-6559812	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_40133	KVECIDTYSR	AGAP008193-PA	C4(Carbamidomethyl)	65	3.95E-06	1	1270.614	3.08	Malpighian tubule	3R:-:6557357-6557328	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_42134	DIVSPEGVAVDWISR	AGAP008193-PA	-	103	6.83E-10	2	1642.855	6.73	Larva	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_42146	YDGTDQKPFITK	AGAP008193-PA	-	74	5.85E-07	1	1412.705	-0.82	Midgut	3R:-:6557738-6557703	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_42253	YDGTDQKPFITK	AGAP008193-PA	-	49	0.000192881	1	1412.706	0.39	Pupa	3R:-:6557738-6557703	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_45191	DTIEVASLDNPEQR	AGAP008193-PA	-	57	2.61E-05	2	1586.765	-0.27	Male reproductive organs	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_45329	LHLDDYSVAFR	AGAP008193-PA	-	81	1.46E-07	1	1335.670	0.56	Head	3R:-:6559892-6559860	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_47158	INLGYEPR	AGAP008193-PA	-	55	5.34E-05	1	961.510	-0.01	Pupa	3R:-:6559691-6559668	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_48090	DNFGSLLAR	AGAP008193-PA	-	56	3.84E-05	2	992.516	-0.04	Ovary	3R:-:6560959-6560933	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_48280	AGSCGGAYCAENAVCVIDPVQK	AGAP008193-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	100	8.89E-10	2	2326.033	2.94	Larva	3R:-:6558374-6558309	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_50284	DIVSPEGVAVDWISR	AGAP008193-PA	-	73	7.30E-07	1	1642.851	4.43	Midgut	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_50558	INLGYEPRER	AGAP008193-PA	-	48	0.000238493	1	1246.657	2.21	Malpighian tubule	3R:-:6559691-6559662	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_51220	KIESINLYGVR	AGAP008193-PA	-	75	1.69E-07	2	1291.736	-0.6	Midgut	3R:-:6557151-6557119	exon=> In CDS Exon 9 of transcript AGAP008193-PA
JHU_Ag_52422	YDGTDQKPFITK	AGAP008193-PA	-	48	0.0002117	2	1412.709	2.47	Head	3R:-:6557738-6557703	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_52860	LQAVSAHSFR	AGAP008193-PA	Q2(Deamidated)	65	4.80E-06	1	1115.596	-0.03	Ovary	3R:-:6559841-6559812	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_54028	SGYYGNGFSCVK	AGAP008193-PA	C10(Carbamidomethyl)	45	0.000188655	2	1338.577	-0.68	Head	3R:-:6560380-6560593,6559545-6560280	exon=> In CDS Exon 4 and 3 of transcript AGAP008193-PA
JHU_Ag_54057	IPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	43	0.000360 63	1	2236.969	-0.01	Midgut	3R:-:6558308-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_54577	DIVSPEGVAVDWISR	AGAP008193-PA	-	122	9.66E-12	1	1642.845	0.94	Ovary	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_54690	NCANIPSLCDPNAR	AGAP008193-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	57	1.94E-05	2	1601.718	1.24	Head	3R:-:6558041-6558000	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_54738	INLGYEPR	AGAP008193-PA	-	63	7.75E-06	2	961.510	-0.14	Ovary	3R:-:6559691-6559668	exon=> In CDS Exon 4 of transcript AGAP008193-PA

JHU_Ag_55072	LHLDDYSVAFR	AGAP008193-PA	-	58	3.67E-05	1	1335.673	2.84	Salivary gland	3R:-:6559892-6559860	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_55479	IEWSNLDGTER	AGAP008193-PA	-	51	0.000122825	2	1319.622	-0.7	Salivary gland	3R:-:6557486-6557454	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_56041	IYWSDIAAQQIVSAK	AGAP008193-PA	-	83	5.38E-08	2	1692.897	0.62	Ovary	3R:-:6557783-6557739	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_56681	KVECIDTYSR	AGAP008193-PA	C4(Carbamidomethyl)	46	0.000294546	1	1270.609	-0.57	Midgut	3R:-:6557357-6557328	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_57243	GDEEFQYMDLDMPAYFYNEK	AGAP008193-PA	M8(Oxidation), M12(Oxidation)	95	7.49E-10	1	2537.027	4.19	Larva	3R:-:6562232-6562173	exon=> In CDS Exon 1 of transcript AGAP008193-PA
JHU_Ag_57292	GIAVDPHQTK	AGAP008193-PA	-	52	6.61E-05	2	1065.568	-0.35	Pupa	3R:-:6557552-6557523	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_59596	DIVSPEGVAVDWISR	AGAP008193-PA	-	117	2.65E-11	1	1642.848	2.72	Pupa	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_59793	AGSCGGAYCAENAVCVIDPVQK	AGAP008193-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	60	9.64E-06	2	2326.032	2.52	Salivary gland	3R:-:6558374-6558309	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_60597	NCANIPSLCDPNAR	AGAP008193-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	70	9.09E-07	1	1601.722	3.91	Malpighian tubule	3R:-:6558041-6558000	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_60721	IEWSNLDGTER	AGAP008193-PA	-	61	1.26E-05	2	1319.624	1.05	Midgut	3R:-:6557486-6557454	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_61457	DTIEVASLDNPEQR	AGAP008193-PA	-	99	1.91E-09	1	1586.769	2.12	Head	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_62842	GDEEFQYMDLDMPAYFYNEK	AGAP008193-PA	M8(Oxidation), M12(Oxidation)	149	3.05E-15	1	2537.027	4.38	Ovary	3R:-:6562232-6562173	exon=> In CDS Exon 1 of transcript AGAP008193-PA
JHU_Ag_62922	IPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	96	2.03E-09	1	2236.977	3.91	Larva	3R:-:6558308-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_63184	DTIEVASLDNPEQR	AGAP008193-PA	-	85	4.14E-08	1	1586.768	1.12	Malpighian tubule	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_64925	TVLISK	AGAP008193-PA	-	40	0.000290483	1	660.429	0.09	Ovary	3R:-:6557588-6557571	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_65541	EVSCLDDEEICDIHASCTYMLNR	AGAP008193-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl), M20(Oxidation)	73	1.96E-07	1	2846.178	1.58	Larva	3R:-:6558611-6558543	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_65548	NGFTYIPYGTSNR	AGAP008193-PA	-	32	0.007907056	1	1489.702	-3.34	Midgut	3R:-:6559457-6559419	exon=> In CDS Exon 5 of transcript AGAP008193-PA
JHU_Ag_65674	IEWSNLDGTER	AGAP008193-PA	-	53	6.98E-05	2	1319.621	-1.54	Ovary	3R:-:6557486-6557454	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_65864	DIVSPEGVAVDWISR	AGAP008193-PA	-	89	1.88E-08	1	1642.848	2.72	Visceras	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_66804	KIESINLYGVR	AGAP008193-PA	-	51	4.15E-05	1	1291.734	-2.12	Salivary gland	3R:-:6557151-6557119	exon=> In CDS Exon 9 of transcript AGAP008193-PA
JHU_Ag_67275	AQAGFAAEDDRTFMLPGSGTDNVR	AGAP008193-PA	M14(Oxidation)	97	2.36E-09	1	2542.163	0.16	Ovary	3R:-:6560728-6561154,6560355-6560588	exon=> In CDS Exon 3 and 2 of transcript AGAP008193-PA
JHU_Ag_67802	SGYYGNGFSCVK	AGAP008193-PA	C10(Carbamidomethyl)	76	1.61E-07	1	1338.579	0.42	Ovary	3R:-:6560380-6560593,6559545-6560280	exon=> In CDS Exon 4 and 3 of transcript AGAP008193-PA
JHU_Ag_67942	KIESINLYGVR	AGAP008193-PA	-	74	1.92E-07	2	1291.743	4.69	Malpighian tubule	3R:-:6557151-6557119	exon=> In CDS Exon 9 of transcript AGAP008193-PA
JHU_Ag_68558	DTIEVASLDNPEQR	AGAP008193-PA	-	83	7.42E-08	2	1586.771	3.42	Larva	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA

JHU_Ag_68948	KVECIDTYSR	AGAP008193-PA	C4(Carbamidomethyl)	57	2.35E-05	1	1270.604	-4.41	Head	3R:-:6557357-6557328	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_69809	DNFGSLLAR	AGAP008193-PA	-	49	0.000184 72	2	992.516	-0.35	Male reproductive organs	3R:-:6560959-6560933	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_69874	LDDGFLLISQGVANIR	AGAP008193-PA	-	114	3.00E-11	1	1730.947	1.9	Ovary	3R:-:6557915-6557868	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_70037	YDGTDQKPFITK	AGAP008193-PA	-	60	1.47E-05	2	1412.711	3.5	Larva	3R:-:6557738-6557703	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_70649	AGSCGGAYCAENAVCVIDPVQK	AGAP008193-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	102	5.08E-10	1	2326.029	1.05	Midgut	3R:-:6558374-6558309	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_71154	TTELVRDNFGSLLAR	AGAP008193-PA	-	91	6.65E-09	1	1691.915	4.43	Malpighian tubule	3R:-:6560977-6560933	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_71182	DLYSYANEASEVLPR	AGAP008193-PA	-	44	0.000625 588	2	1726.825	-1.71	Malpighian tubule	3R:-:6562277-6562233	exon=> In CDS Exon 1 of transcript AGAP008193-PA
JHU_Ag_72885	GIAVDPHQTK	AGAP008193-PA	-	47	0.000249 791	1	1065.573	3.54	Ovary	3R:-:6557552-6557523	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_74573	IPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	84	2.96E-08	1	2236.969	0.07	Pupa	3R:-:6558308-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_74970	LDDGFLLISQGVANIR	AGAP008193-PA	-	101	6.04E-10	1	1730.949	3.1	Visceras	3R:-:6557915-6557868	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_74983	DNFGSLLAR	AGAP008193-PA	-	38	0.002731 964	2	992.515	-1.03	Pupa	3R:-:6560959-6560933	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_75288	NCANIPSLCDPNAR	AGAP008193-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	57	1.74E-05	2	1601.716	-0.13	Midgut	3R:-:6558041-6558000	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_76499	DIVSPEGVAVDWISRR	AGAP008193-PA	-	32	0.008306 569	1	1798.951	3.61	Head	3R:-:6557702-6557655	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_77148	DIVSPEGVAVDWISR	AGAP008193-PA	-	87	2.76E-08	1	1642.845	0.71	Head	3R:-:6557702-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_77310	LHLDDYSVAFR	AGAP008193-PA	-	70	0.000001 71	1	1335.669	-0.08	Ovary	3R:-:6559892-6559860	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_77508	QKPINSPVFGNHK	AGAP008193-PA	-	37	0.001862 122	1	1465.795	2.33	Malpighian tubule	3R:-:6557118-6557080	exon=> In CDS Exon 9 of transcript AGAP008193-PA
JHU_Ag_78416	CAEFADCVEGQCQCR	AGAP008193-PA	C1(Carbamidomethyl), C7(Carbamidomethyl), Q11(Deamidated), C12(Carbamidomethyl), C14(Carbamidomethyl)	25	0.001521 292	2	1890.688	0.44	Ovary	3R:-:6559081-6559037	exon=> In CDS Exon 6 of transcript AGAP008193-PA
JHU_Ag_79542	VLGNVNGEPLDTQLQSYVVMVDGR	AGAP008193-PA	-	69	1.51E-06	2	2603.311	-1.12	Ovary	3R:-:6560249-6560178	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_80432	KVECIDTYSR	AGAP008193-PA	C4(Carbamidomethyl)	52	7.61E-05	2	1270.609	-0.76	Pupa	3R:-:6557357-6557328	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_81938	DLSDFCVR	AGAP008193-PA	C6(Carbamidomethyl)	45	0.000321 461	1	1011.461	4.19	Malpighian tubule	3R:-:6558398-6558375	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_82935	LDDGFLLISQGVANIR	AGAP008193-PA	-	86	1.91E-08	2	1730.952	4.8	Head	3R:-:6557915-6557868	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_83420	SRDPTLLHR	AGAP008193-PA	-	45	0.000245 522	3	1094.610	3.44	Malpighian tubule	3R:-:6561004-6560978	exon=> In CDS Exon 2 of transcript AGAP008193-PA

JHU_Ag_86916	TCHLAPECAVDDDCGMNSECQQGVCVCQEGYER	AGAP008193-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl), M16(Oxidation), C20(Carbamidomethyl), C25(Carbamidomethyl), C27(Carbamidomethyl)	55	2.65E-06	1	3950.499	1.95	Malpighian tubule	3R:-:6558497-6558399	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_87047	LYWTDSAKDTIEVASLDNPEQR	AGAP008193-PA	-	38	0.002358615	3	2551.230	-0.29	Midgut	3R:-:6557654-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_87217	YDGTDQKPFITKDIVSPEGVAVDWISR	AGAP008193-PA	-	85	3.23E-08	1	3036.546	4.81	Malpighian tubule	3R:-:6557738-6557658	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_88174	LHLDDYSVAFR	AGAP008193-PA	-	43	0.000939715	2	1335.670	0.38	Visceras	3R:-:6559892-6559860	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_88503	LHLDDYSVAFR	AGAP008193-PA	-	53	0.000105941	1	1335.671	1.2	Malpighian tubule	3R:-:6559892-6559860	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_88563	AQAGFAAEDDR	AGAP008193-PA	-	36	0.002479753	2	1150.518	4.43	Ovary	3R:-:6560728-6560696	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_89494	MVIGDQFNPCDEANCGDNTVCVPKPDDTFDCNCK	AGAP008193-PA	C10(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl), C31(Carbamidomethyl), C33(Carbamidomethyl)	44	8.16E-05	1	3992.623	6.79	Malpighian tubule	3R:-:6559634-6560289,6559155-6559458	exon=> In CDS Exon 5 and 4 of transcript AGAP008193-PA
JHU_Ag_90810	DLYSYANEASEVLPR	AGAP008193-PA	-	107	2.95E-10	2	1726.831	1.83	Ovary	3R:-:6562277-6562233	exon=> In CDS Exon 1 of transcript AGAP008193-PA
JHU_Ag_91005	IYWSDIAAQQIVSAKYDGTDQKPFITK	AGAP008193-PA	-	46	0.000190836	1	3086.597	4.49	Malpighian tubule	3R:-:6557783-6557703	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_92108	IYWSDIAAQQIVSAK	AGAP008193-PA	-	62	5.76E-06	2	1692.898	1.48	Pupa	3R:-:6557783-6557739	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_93624	DTIEVASLDNPEQR	AGAP008193-PA	-	79	1.76E-07	2	1586.767	0.73	Pupa	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_93965	YDGTDQKPFITK	AGAP008193-PA	-	76	3.96E-07	1	1412.706	0.36	Ovary	3R:-:6557738-6557703	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_94569	LYWTDSAK	AGAP008193-PA	-	41	0.000766075	1	983.482	-1.14	Midgut	3R:-:6557654-6557631	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_94638	VPLNGGLGYPVTMAFMSIGLDR	AGAP008193-PA	N4(Deamidated), M13(Oxidation), M16(Oxidation)	69	1.57E-06	1	2341.189	13.86	Ovary	3R:-:6557867-6557802	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_94906	IEWSNLDGTER	AGAP008193-PA	-	45	0.0004424	2	1319.622	-0.24	Pupa	3R:-:6557486-6557454	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_96514	DTIEVASLDNPEQR	AGAP008193-PA	-	88	2.49E-08	2	1586.774	4.96	Midgut	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_97655	LHLDDYSVAFR	AGAP008193-PA	-	62	1.22E-05	1	1335.673	2.57	Midgut	3R:-:6559892-6559860	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_98815	DTIEVASLDNPEQR	AGAP008193-PA	-	77	3.25E-07	1	1586.771	3.12	Salivary gland	3R:-:6557630-6557589	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_101748	GIAVDPHQTK	AGAP008193-PA	-	69	1.38E-06	1	1065.571	1.94	Malpighian tubule	3R:-:6557552-6557523	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_101812	DNFGSLLAR	AGAP008193-PA	-	49	0.000193597	2	992.516	-0.11	Visceras	3R:-:6560959-6560933	exon=> In CDS Exon 2 of transcript AGAP008193-PA

JHU_Ag_102216	IYWSDIAAQQIVSAK	AGAP008193-PA	-	92	5.80E-09	2	1692.905	5.59	Malpighian tubule	3R:-:6557783-6557739	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_102429	DPSSYECMCNQGFFGDGFVCTPER	AGAP008193-PA	C7(Carbamidomethyl), M8(Oxidation), C9(Carbamidomethyl), C20(Carbamidomethyl)	34	0.000414	1	2876.113	2.5	Ovary	3R:-:6558113-6558042	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_102534	LQAVSAHSFR	AGAP008193-PA	-	38	0.002161 94	2	1115.596	0.08	Salivary gland	3R:-:6559841-6559812	exon=> In CDS Exon 4 of transcript AGAP008193-PA
JHU_Ag_102880	AQAGFAAEDDR	AGAP008193-PA	-	68	1.43E-06	2	1150.516	3.26	Malpighian tubule	3R:-:6560728-6560696	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_103080	IEWSNLDGTER	AGAP008193-PA	-	63	7.20E-06	2	1319.622	-0.43	Malpighian tubule	3R:-:6557486-6557454	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_103598	DPSSYECMCNQGFFGDGFVCTPER	AGAP008193-PA	C7(Carbamidomethyl), M8(Oxidation), C9(Carbamidomethyl), C20(Carbamidomethyl)	33	0.000501 187	3	2876.113	2.44	Head	3R:-:6558113-6558042	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_105006	SVCVCNKGYEGDGR	AGAP008193-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	107	1.44E-10	1	1600.690	3.31	Malpighian tubule	3R:-:6558539-6558498	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_106664	TFMLPGSGTDNVR	AGAP008193-PA	-	42	0.000854 155	2	1394.678	3	Malpighian tubule	3R:-:6560695-6561154,6560355-6560588	exon=> In CDS Exon 3 and 2 of transcript AGAP008193-PA
JHU_Ag_106713	IPYCHCPQGFVGDGVSQCR	AGAP008193-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	99	9.62E-10	1	2236.977	3.67	Head	3R:-:6558308-6558252	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_107547	LDDGFLLISQGVANIR	AGAP008193-PA	-	91	6.27E-09	2	1730.957	7.83	Salivary gland	3R:-:6557915-6557868	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_108330	DLSDFCVR	AGAP008193-PA	C6(Carbamidomethyl)	42	0.000548 205	2	1011.457	0.07	Ovary	3R:-:6558398-6558375	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_109016	HLTISSNINQPGVWLYHVGPLAPEGNV EQPDR	AGAP008193-PA	-	148	1.02E-14	1	3537.823	10	Larva	3R:-:6560587-6560492	exon=> In CDS Exon 3 of transcript AGAP008193-PA
JHU_Ag_109035	KIESINLYGVR	AGAP008193-PA	-	74	1.85E-07	2	1291.737	0.15	Ovary	3R:-:6557151-6557119	exon=> In CDS Exon 9 of transcript AGAP008193-PA
JHU_Ag_111262	LDDGFLLISQGVANIR	AGAP008193-PA	-	118	1.25E-11	1	1730.944	0.07	Midgut	3R:-:6557915-6557868	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_111351	NNCGLHAACVPSYR	AGAP008193-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	41	0.000798 756	1	1618.720	-0.8	Ovary	3R:-:6558224-6558868,6557242-6558114	exon=> In CDS Exon 8 and 7 of transcript AGAP008193-PA
JHU_Ag_112311	LYWSDWNR	AGAP008193-PA	-	52	6.21E-05	1	1139.528	1.18	Ovary	3R:-:6557522-6557499	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_113766	LDDGFLLISQGVANIR	AGAP008193-PA	-	80	7.49E-08	2	1730.948	2.26	Pupa	3R:-:6557915-6557868	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_114765	AQAGFAAEDDR	AGAP008193-PA	-	59	1.13E-05	2	1150.512	-0.14	Head	3R:-:6560728-6560696	exon=> In CDS Exon 2 of transcript AGAP008193-PA
JHU_Ag_114885	AQAGFAAEDDRTFMLPGSGTDNVR	AGAP008193-PA	M14(Oxidation)	89	1.64E-08	1	2542.162	-0.2	Midgut	3R:-:6560728-6561154,6560355-6560588	exon=> In CDS Exon 3 and 2 of transcript AGAP008193-PA
JHU_Ag_115027	TVLISK	AGAP008193-PA	-	31	0.002774 609	1	660.429	-0.1	Midgut	3R:-:6557588-6557571	exon=> In CDS Exon 8 of transcript AGAP008193-PA
JHU_Ag_115203	SGYYGNGFSCVK	AGAP008193-PA	N6(Deamidated), C10(Carbamidomethyl)	55	1.65E-05	1	1339.560	-1.41	Midgut	3R:-:6560380-6560593,6559545-6560280	exon=> In CDS Exon 4 and 3 of transcript AGAP008193-PA
JHU_Ag_116483	DLSDFCVR	AGAP008193-PA	C6(Carbamidomethyl)	40	0.000790 617	1	1011.456	-0.76	Midgut	3R:-:6558398-6558375	exon=> In CDS Exon 7 of transcript AGAP008193-PA
JHU_Ag_116784	YDGTDQKPFITK	AGAP008193-PA	-	63	7.12E-06	1	1412.710	2.81	Malpighian tubule	3R:-:6557738-6557703	exon=> In CDS Exon 8 of transcript AGAP008193-PA

JHU_Ag_15032	ESGPPVLPPHLLQVILNK	AGAP008195-PA	-	36	0.000302629	1	1951.144	3.1	Salivary gland	3R:-:6569854-6569801	exon=> In CDS Exon 2 of transcript AGAP008195-PA
JHU_Ag_17602	ESGPPVLPPHLLQVILNK	AGAP008195-PA	-	37	0.000313394	1	1951.136	-0.75	Malpighian tubule	3R:-:6569854-6569801	exon=> In CDS Exon 2 of transcript AGAP008195-PA
JHU_Ag_63168	ESGPPVLPPHLLQVILNK	AGAP008195-PA	-	21	0.008525068	1	1951.145	4.04	Midgut	3R:-:6569854-6569801	exon=> In CDS Exon 2 of transcript AGAP008195-PA
JHU_Ag_63169	DSEDTGKDESK	AGAP008195-PA	-	34	0.001771125	2	1210.507	-0.13	Midgut	3R:-:6569929-6569897	exon=> In CDS Exon 2 of transcript AGAP008195-PA
JHU_Ag_100350	KPHIHGYPFATEEEVEPYGYSK	AGAP008195-PA	-	76	3.75E-07	1	2578.226	0.28	Malpighian tubule	3R:-:6570490-6570425	exon=> In CDS Exon 1 of transcript AGAP008195-PA
JHU_Ag_103612	QSDFEVFQALAK	AGAP008195-PA	-	35	0.004502459	2	1382.704	6.53	Head	3R:-:6569965-6569930	exon=> In CDS Exon 2 of transcript AGAP008195-PA
JHU_Ag_23420	RIHTGLR	AGAP008199-PA	-	26	0.005190621	2	852.518	2.01	Ovary	3R:+:6688131-6688151	exon=> In CDS Exon 1 of transcript AGAP008199-PA
JHU_Ag_104844	LTEALGNYDPVLNEYFFDR	AGAP008201-PA	-	83	7.98E-08	2	2276.094	2.85	Head	3R:-:6785377-6785321	exon=> In CDS Exon 1 of transcript AGAP008201-PA
JHU_Ag_14619	YLFWLNR	AGAP008203-PA	-	36	0.001711147	1	1011.543	1.54	Male reproductive organs	3R:+:6903175-6903195	exon=> In CDS Exon 1 of transcript AGAP008203-PA
JHU_Ag_27905	AMFHTIVDVANRLDQHLGER	AGAP008203-PA	M2(Oxidation)	60	1.50E-05	1	2338.175	1.34	Male reproductive organs	3R:+:6903538-6903597	exon=> In CDS Exon 1 of transcript AGAP008203-PA
JHU_Ag_49757	GVYSNEEFDPLSANLFFMEGAK	AGAP008203-PA	M18(Oxidation)	55	4.03E-05	1	2481.125	-1.09	Male reproductive organs	3R:+:6903418-6903483	exon=> In CDS Exon 1 of transcript AGAP008203-PA
JHU_Ag_64855	DRGDYVGLFFFR	AGAP008203-PA	-	41	0.0014584	1	1491.737	-0.43	Male reproductive organs	3R:+:6903304-6903339	exon=> In CDS Exon 1 of transcript AGAP008203-PA
JHU_Ag_70120	AMFHTIVDVANR	AGAP008203-PA	M2(Oxidation)	74	6.52E-07	1	1389.697	2	Male reproductive organs	3R:+:6903538-6903573	exon=> In CDS Exon 1 of transcript AGAP008203-PA
JHU_Ag_87630	DPVLLVLSPEFAR	AGAP008203-PA,AGAP008204-PA	-	69	1.03E-06	2	1455.822	1.04	Male reproductive organs	3R:+:6903340-6903378;3R:+:6905387-6905425	exon=> In CDS Exon 1 of transcript AGAP008203-PA;exon=> In CDS Exon 1 of transcript AGAP008204-PA
JHU_Ag_27173	VFFAMMFR	AGAP008203-PA,AGAP008204-PA,AGAP012855-PA	M5(Oxidation), M6(Oxidation)	45	0.000412645	1	1080.500	-0.96	Male reproductive organs	3R:+:6903769-6903792;3R:+:6905816-6905839;UNKN:+:34255513-34255536	exon=> In CDS Exon 1 of transcript AGAP008203-PA;exon=> In CDS Exon 1 of transcript AGAP008204-PA;exon=> In CDS Exon 1 of transcript AGAP012855-PA
JHU_Ag_37902	YNDKDVADFFMNVVR	AGAP008203-PA,AGAP012855-PA	M11(Oxidation)	86	3.79E-08	1	1848.859	0.38	Male reproductive organs	3R:+:6903820-6903864;UNKN:+:34255564-34255608	exon=> In CDS Exon 1 of transcript AGAP008203-PA;exon=> In CDS Exon 1 of transcript AGAP012855-PA
JHU_Ag_41420	IDIKELLAR	AGAP008203-PA,AGAP012855-PA	-	67	1.14E-06	1	1070.659	1.85	Male reproductive organs	3R:+:6903616-6903642;UNKN:+:34255360-34255386	exon=> In CDS Exon 1 of transcript AGAP008203-PA;exon=> In CDS Exon 1 of transcript AGAP012855-PA
JHU_Ag_85402	LQTCLGLAMLLK	AGAP008203-PA,AGAP012855-PA	C4(Carbamidomethyl), M9(Oxidation)	67	1.44E-06	2	1376.765	0.45	Male reproductive organs	3R:+:6904526-6904561;UNKN:+:34256269-34256304	exon=> In CDS Exon 2 of transcript AGAP008203-PA;exon=> In CDS Exon 2 of transcript AGAP012855-PA
JHU_Ag_98082	TNPSYLAFGDGPR	AGAP008203-PA,AGAP012855-PA	-	105	4.31E-10	2	1394.670	0.01	Male reproductive organs	3R:+:6904460-6904498;UNKN:+:34256203-34256241	exon=> In CDS Exon 2 of transcript AGAP008203-PA;exon=> In CDS Exon 2 of transcript AGAP012855-PA
JHU_Ag_34187	IDPINLTHGPEGQVWLNVER	AGAP008204-PA	-	34	0.003992253	1	2287.183	0.14	Male reproductive organs	3R:+:6906648-6906707	exon=> In CDS Exon 2 of transcript AGAP008204-PA
JHU_Ag_116701	LGLAMLLR	AGAP008204-PA	M5(Oxidation)	60	3.78E-06	1	902.548	-1.09	Male reproductive organs	3R:+:6906576-6906599	exon=> In CDS Exon 2 of transcript AGAP008204-PA

JHU_Ag_97908	AVEEAINSK	AGAP008205-PA	-	34	0.008752142	1	960.498	-2.1	Head	3R:-:6907635-6907609	exon=> In CDS Exon 1 of transcript AGAP008205-PA
JHU_Ag_28575	FGMMQAR	AGAP008207-PA,AGAP008212-PA,AGAP008209-PA,AGAP008213-PA	-	44	0.000275614	2	840.386	0.14	Malpighian tubule	3R:-:6911629-6911609;3R:+:6930331-6930351;3R:+:6917358-6917378;3R:+:6933400-6933420	exon=> In CDS Exon 2 of transcript AGAP008207-PA;exon=> In CDS Exon 2 of transcript AGAP008212-PA;exon=> In CDS Exon 2 of transcript AGAP008209-PA;exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_85476	LPDSGLLLR	AGAP008208-PA	-	54	1.33E-05	2	983.587	-1.03	Visceras	3R:-:6914128-6914102	exon=> In CDS Exon 2 of transcript AGAP008208-PA
JHU_Ag_1489	IGLAYLLQGFSFAPYEK	AGAP008209-PA	-	125	4.28E-12	1	1917.012	-2.07	Midgut	3R:+:6917379-6917429	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_6760	QPSQFVNMMVQFSPK	AGAP008209-PA	M8(Oxidation), M9(Oxidation)	39	0.001600182	2	1799.847	0.9	Midgut	3R:+:6916594-6916638	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_11316	TSIPMKFITNSFILGPR	AGAP008209-PA	M5(Oxidation)	36	0.001496757	1	1938.059	3.57	Malpighian tubule	3R:+:6917430-6917480	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_17840	DFMEENVQK	AGAP008209-PA	M3(Oxidation)	46	0.000137175	2	1155.497	-1.92	Midgut	3R:+:6916426-6916452	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_18787	FITNSFILGPR	AGAP008209-PA	-	50	7.95E-05	2	1264.708	2.79	Head	3R:+:6917448-6917480	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_40966	HDPLTAHLFNLEGQK	AGAP008209-PA	-	114	5.36E-11	1	1719.888	3.57	Malpighian tubule	3R:+:6916285-6916329	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_44586	FIDKEVSTFFLK	AGAP008209-PA	-	83	5.69E-08	1	1473.799	0.01	Midgut	3R:+:6916663-6916698	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_45663	HDPLTAHLFNLEGQK	AGAP008209-PA	-	69	1.75E-06	1	1719.883	0.69	Midgut	3R:+:6916285-6916329	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_51343	FITNSFILGPR	AGAP008209-PA	-	36	0.001707389	2	1264.708	2.6	Pupa	3R:+:6917448-6917480	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_59117	NDFMDLMIR	AGAP008209-PA	M4(Oxidation), M7(Oxidation)	56	1.35E-05	2	1186.522	-0.67	Midgut	3R:+:6916747-6916773	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_62666	FITNSFILGPR	AGAP008209-PA	-	79	8.66E-08	2	1264.704	-0.49	Midgut	3R:+:6917448-6917480	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_68136	GTYYNEKHDPLTAHLFNLEGQK	AGAP008209-PA	-	61	1.42E-05	1	2575.256	-0.68	Midgut	3R:+:6916264-6916329	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_83878	DASLFPEPEK	AGAP008209-PA	-	56	4.03E-05	1	1132.557	4.62	Midgut	3R:+:6917229-6917258	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_87056	FITNSFILGPR	AGAP008209-PA	-	64	2.32E-06	2	1264.705	0.47	Visceras	3R:+:6917448-6917480	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_100931	DASLFPEPEKFDPER	AGAP008209-PA	-	78	2.54E-07	1	1776.846	1.05	Midgut	3R:+:6917229-6917273	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_109347	YLDQILK	AGAP008209-PA	-	34	0.003765504	1	892.513	-0.91	Midgut	3R:+:6917005-6917025	exon=> In CDS Exon 1 of transcript AGAP008209-PA
JHU_Ag_114899	YPPVPLHFR	AGAP008209-PA	-	35	0.002014559	1	1125.620	-0.44	Midgut	3R:+:6917112-6917138	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_117150	FITNSFILGPR	AGAP008209-PA	-	73	3.56E-07	1	1264.708	2.5	Malpighian tubule	3R:+:6917448-6917480	exon=> In CDS Exon 2 of transcript AGAP008209-PA
JHU_Ag_9088	KIFEISPGTFK	AGAP008212-PA	-	51	5.49E-05	1	1266.709	-0.12	Midgut	3R:+:6929539-6929571	exon=> In CDS Exon 1 of transcript AGAP008212-PA
JHU_Ag_70703	IGLAYLLDGFR	AGAP008212-PA	-	81	5.69E-08	2	1237.698	2.98	Malpighian tubule	3R:+:6930352-6930384	exon=> In CDS Exon 2 of transcript AGAP008212-PA
JHU_Ag_116449	IGLAYLLDGFR	AGAP008212-PA	-	62	4.64E-06	2	1237.698	2.88	Larva	3R:+:6930352-6930384	exon=> In CDS Exon 2 of transcript AGAP008212-PA

JHU_Ag_70393	DFQYFHDR	AGAP008212-PA,AGAP008209-PA,AGAP008213-PA,AGAP008214-PA	-	43	0.000324592	1	1127.493	2.4	Malpighian tubule	3R:+:6929200-6929223;3R:+:6916240-6916263;3R:+:6932275-6932298;3R:+:6934234-6934257	exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP008209-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA;exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_82033	DFQYFHDR	AGAP008212-PA,AGAP008209-PA,AGAP008214-PA,AGAP008213-PA	-	39	0.000806955	1	1127.490	-0.2	Midgut	3R:+:6929200-6929223;3R:+:6916240-6916263;3R:+:6934234-6934257;3R:+:6932275-6932298	exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP008209-PA;exon=> In CDS Exon 1 of transcript AGAP008214-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_93402	DFQYFHDR	AGAP008212-PA,AGAP008209-PA,AGAP008214-PA,AGAP008213-PA	-	35	0.002285519	2	1127.487	-3.23	Head	3R:+:6929200-6929223;3R:+:6916240-6916263;3R:+:6934234-6934257;3R:+:6932275-6932298	exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP008209-PA;exon=> In CDS Exon 1 of transcript AGAP008214-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_34538	NPDAEFR	AGAP008212-PA,AGAP008213-PA	-	42	0.000756307	1	848.391	1.97	Malpighian tubule	3R:+:6929506-6929526;3R:+:6932581-6932601	exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_63887	YPPVPVHFR	AGAP008212-PA,AGAP008213-PA	-	47	0.000166785	1	1111.604	-0.62	Malpighian tubule	3R:+:6930085-6930111;3R:+:6933154-6933180	exon=> In CDS Exon 2 of transcript AGAP008212-PA;exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_92266	KYPPVPVHFR	AGAP008212-PA,AGAP008213-PA	-	31	0.004378787	1	1239.701	1.39	Malpighian tubule	3R:+:6930082-6930111;3R:+:6933151-6933180	exon=> In CDS Exon 2 of transcript AGAP008212-PA;exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_114102	NPDAEFR	AGAP008212-PA,AGAP008213-PA	-	41	0.001016684	2	848.390	0.01	Midgut	3R:+:6929506-6929526;3R:+:6932581-6932601	exon=> In CDS Exon 1 of transcript AGAP008212-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_41123	RHPYAWTPFGEGPR	AGAP008212-PA,AGAP008213-PA,AGAP008214-PA	-	84	6.07E-08	1	1670.822	1.8	Malpighian tubule	3R:+:6930271-6930312;3R:+:6933340-6933381;3R:+:6935297-6935338	exon=> In CDS Exon 2 of transcript AGAP008212-PA;exon=> In CDS Exon 2 of transcript AGAP008213-PA;exon=> In CDS Exon 2 of transcript AGAP008214-PA
JHU_Ag_17748	RHPYAWTPFGEGPR	AGAP008212-PA,AGAP008214-PA,AGAP008213-PA	-	73	7.87E-07	1	1670.820	0.48	Malpighian tubule	3R:+:6930271-6930312;3R:+:6935297-6935338;3R:+:6933340-6933381	exon=> In CDS Exon 2 of transcript AGAP008212-PA;exon=> In CDS Exon 2 of transcript AGAP008214-PA;exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_10005	IGLAYLLTGFR	AGAP008213-PA	-	72	1.86E-07	2	1223.711	-2.65	Midgut	3R:+:6933421-6933453	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_15648	HDPLTAHLFNIEGQK	AGAP008213-PA	-	114	5.36E-11	1	1719.888	3.57	Malpighian tubule	3R:+:6932320-6932364	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_17122	TLDPEVSDFFMNAVR	AGAP008213-PA	M11(Oxidation)	90	1.40E-08	1	1756.823	0.8	Malpighian tubule	3R:+:6932698-6932742	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_23659	KIFSKPR	AGAP008213-PA	-	38	0.000331298	2	875.547	0.35	Malpighian tubule	3R:+:6932614-6932634	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_32992	IGLAYLLTGFR	AGAP008213-PA	-	91	2.33E-09	1	1223.717	1.64	Visceras	3R:+:6933421-6933453	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_34546	DPEHFPDPER	AGAP008213-PA	-	54	4.63E-05	1	1238.547	2.27	Malpighian tubule	3R:+:6933271-6933300	exon=> In CDS Exon 2 of transcript AGAP008213-PA

JHU_Ag_37582	SLVINSMPR	AGAP008213-PA	M7(Oxidation)	45	0.000454486	2	1032.550	-0.46	Malpighian tubule	3R:+:6932647-6932673	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_38466	GTYYNEKHDPLTAHLFNIEGQK	AGAP008213-PA	-	61	1.42E-05	1	2575.256	-0.68	Midgut	3R:+:6932299-6932364	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_43780	TVLEAGTSVMVPVHAIHR	AGAP008213-PA	-	63	3.34E-06	1	1917.040	1.4	Malpighian tubule	3R:+:6933217-6933270	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_48179	ETSKEYQVPGTK	AGAP008213-PA	-	78	2.32E-07	1	1366.685	0.13	Malpighian tubule	3R:+:6933181-6933216	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_59702	HDPLTAHLFNIEGQK	AGAP008213-PA	-	84	6.15E-08	1	1719.877	-2.51	Midgut	3R:+:6932320-6932364	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_62587	SFILSPAGGLWLKVEK	AGAP008213-PA	-	43	0.000196035	1	1745.003	1.86	Malpighian tubule	3R:+:6933502-6933549	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_66165	IGLAYLLTGFR	AGAP008213-PA	-	92	2.00E-09	1	1223.717	2.03	Malpighian tubule	3R:+:6933421-6933453	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_84190	SFILSPAGGLWLK	AGAP008213-PA	-	45	0.000155043	2	1388.796	1.51	Visceras	3R:+:6933502-6933540	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_88873	SFILSPAGGLWLK	AGAP008213-PA	-	68	5.90E-07	2	1388.801	5.12	Malpighian tubule	3R:+:6933502-6933540	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_91538	GVPQSKPELVFGNVR	AGAP008213-PA	-	60	8.23E-06	1	1626.896	-0.01	Malpighian tubule	3R:+:6932080-6932124	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_98714	MMFSTIVAAGK	AGAP008213-PA	-	60	8.22E-06	2	1155.591	1.05	Malpighian tubule	3R:+:6932419-6932451	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_102016	SFILSPAGGLWLK	AGAP008213-PA	-	62	3.03E-06	2	1388.794	0.02	Midgut	3R:+:6933502-6933540	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_103093	IGLAYLLTGFRFTPSAK	AGAP008213-PA	-	79	5.42E-08	1	1855.052	2.56	Malpighian tubule	3R:+:6933421-6933471	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_112739	TLDPEVSDFFMNAVR	AGAP008213-PA	M11(Oxidation)	103	6.79E-10	2	1756.820	-0.8	Midgut	3R:+:6932698-6932742	exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_113111	IGLAYLLTGFR	AGAP008213-PA	-	43	0.000163615	2	1223.717	1.93	Head	3R:+:6933421-6933453	exon=> In CDS Exon 2 of transcript AGAP008213-PA
JHU_Ag_90818	NDFMDILIR	AGAP008213-PA,AGAP008214-PA	-	57	3.74E-05	1	1136.580	2.6	Malpighian tubule	3R:+:6932782-6932808;3R:+:6934741-6934767	exon=> In CDS Exon 1 of transcript AGAP008213-PA;exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_22675	SNLQLLLMNAFPSVAK	AGAP008214-PA	M8(Oxidation)	122	4.52E-12	1	1761.950	-3.68	Midgut	3R:+:6934594-6934641	exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_23018	NKITPTFTSGK	AGAP008214-PA	N1(Deamidated)	40	0.001027363	1	1194.640	2.96	Male reproductive organs	3R:+:6934339-6934371	exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_32151	NPNAEFR	AGAP008214-PA	N3(Deamidated)	42	0.000756307	1	848.391	1.97	Malpighian tubule	3R:+:6934540-6934560	exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_39977	GKHPFGGIYMFTKPVALVTDLELVK	AGAP008214-PA	M10(Oxidation)	50	3.81E-05	1	2776.512	0.49	Midgut	3R:+:6934144-6934218	exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_77964	HDPLSAHLFNLEGYK	AGAP008214-PA	-	94	7.20E-09	1	1740.868	-1.68	Midgut	3R:+:6934279-6934323	exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_80658	NVPQLNPHLLFGDVR	AGAP008214-PA	-	83	5.04E-08	2	1718.935	0.51	Midgut	3R:+:6934039-6934083	exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_94875	LILPEVSDFFMNAVR	AGAP008214-PA	M11(Oxidation)	114	5.40E-11	1	1766.912	-1.77	Midgut	3R:+:6934657-6934701	exon=> In CDS Exon 1 of transcript AGAP008214-PA
JHU_Ag_100360	NQILSPEAGMWLK	AGAP008214-PA	-	53	6.39E-05	2	1486.775	1.59	Midgut	3R:+:6935459-6935497	exon=> In CDS Exon 2 of transcript AGAP008214-PA
JHU_Ag_107807	FGLLQAR	AGAP008214-PA	-	41	0.000553781	2	804.472	-0.67	Midgut	3R:+:6935357-6935377	exon=> In CDS Exon 2 of transcript AGAP008214-PA
JHU_Ag_109795	IGLIYLLTSFR	AGAP008214-PA	-	82	9.06E-09	2	1295.772	-0.16	Midgut	3R:+:6935378-6935410	exon=> In CDS Exon 2 of transcript AGAP008214-PA
JHU_Ag_16334	NDFMDILIR	AGAP008214-PA,AGAP008213-PA	M4(Oxidation)	62	9.60E-06	2	1136.577	0.35	Midgut	3R:+:6934741-6934767;3R:+:6932782-6932808	exon=> In CDS Exon 1 of transcript AGAP008214-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA

JHU_Ag_84307	YRVENNVQR	AGAP008214-PA,AGAP008213-PA	-	48	0.000267873	1	1177.607	-0.57	Malpighian tubule	3R:+:6934714-6934740;3R:+:6932755-6932781	exon=> In CDS Exon 1 of transcript AGAP008214-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_104910	NDFMDILIR	AGAP008214-PA,AGAP008213-PA	M4(Oxidation)	71	1.30E-06	2	1136.581	3.36	Malpighian tubule	3R:+:6934741-6934767;3R:+:6932782-6932808	exon=> In CDS Exon 1 of transcript AGAP008214-PA;exon=> In CDS Exon 1 of transcript AGAP008213-PA
JHU_Ag_2341	QHENKFYAQFTYACK	AGAP008215-PA	C14(Carbamidomethyl)	72	9.08E-07	1	1934.888	1.37	Salivary gland	3R:-:6961310-6961266	exon=> In CDS Exon 2 of transcript AGAP008215-PA
JHU_Ag_10649	FYAQFTYACK	AGAP008215-PA	C9(Carbamidomethyl)	63	5.29E-06	2	1298.591	2.45	Visceras	3R:-:6961295-6961266	exon=> In CDS Exon 2 of transcript AGAP008215-PA
JHU_Ag_14027	ALCLPK	AGAP008215-PA	C3(Carbamidomethyl)	39	0.002448235	1	701.401	-1.16	Salivary gland	3R:-:6961472-6961455	exon=> In CDS Exon 1 of transcript AGAP008215-PA
JHU_Ag_14641	VYQHDVK	AGAP008215-PA	-	50	0.000158234	1	888.456	-1.82	Head	3R:-:6961535-6961515	exon=> In CDS Exon 1 of transcript AGAP008215-PA
JHU_Ag_15891	FYAQFTYACK	AGAP008215-PA	C9(Carbamidomethyl)	88	1.78E-08	1	1298.586	-0.75	Salivary gland	3R:-:6961295-6961266	exon=> In CDS Exon 2 of transcript AGAP008215-PA
JHU_Ag_48129	FYAQFTYACK	AGAP008215-PA	C9(Carbamidomethyl)	37	0.001914769	2	1298.590	1.88	Malpighian tubule	3R:-:6961295-6961266	exon=> In CDS Exon 2 of transcript AGAP008215-PA
JHU_Ag_63609	FYAQFTYACK	AGAP008215-PA	C9(Carbamidomethyl)	78	1.80E-07	1	1298.586	-1.41	Head	3R:-:6961295-6961266	exon=> In CDS Exon 2 of transcript AGAP008215-PA
JHU_Ag_69940	QLISYFK	AGAP008215-PA	-	40	0.000739772	1	898.505	1.76	Head	3R:-:6961586-6961566	exon=> In CDS Exon 1 of transcript AGAP008215-PA
JHU_Ag_72124	MKLDQTK	AGAP008215-PA	M1(Oxidation)	38	0.001899214	2	879.462	1.55	Salivary gland	3R:-:6961562-6961542	exon=> In CDS Exon 1 of transcript AGAP008215-PA
JHU_Ag_75273	QLISYFK	AGAP008215-PA	-	38	0.001145043	2	898.503	-0.22	Salivary gland	3R:-:6961586-6961566	exon=> In CDS Exon 1 of transcript AGAP008215-PA
JHU_Ag_75310	VHLRGPLLQK	AGAP008215-PA	-	18	0.005153094	1	1160.726	-0.36	Salivary gland	3R:-:6961502-6961473	exon=> In CDS Exon 1 of transcript AGAP008215-PA
JHU_Ag_77188	TNAEYSAK	AGAP008215-PA	-	36	0.001872797	2	883.416	0.86	Salivary gland	3R:-:6961265-6961242	exon=> In CDS Exon 2 of transcript AGAP008215-PA
JHU_Ag_78822	QLISYFKR	AGAP008215-PA	-	48	5.72E-05	1	1054.605	0.71	Salivary gland	3R:-:6961586-6961563	exon=> In CDS Exon 1 of transcript AGAP008215-PA
JHU_Ag_8011	YGVQNQLR	AGAP008216-PA	Q4(Deamidated)	82	8.29E-08	2	977.515	-1.24	Head	3R:-:6962971-6962948	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_8292	VTDLEASFYASFSYNCHDHDQYSMECLEAAEPK	AGAP008216-PA	C16(Carbamidomethyl), M24(Oxidation), C26(Carbamidomethyl)	35	0.000977338	1	3930.625	1.24	Malpighian tubule	3R:-:6962773-6962675	exon=> In CDS Exon 3 of transcript AGAP008216-PA
JHU_Ag_11810	VTDLEASFYASFSYNCHDHDQYSMECLEAAEPK	AGAP008216-PA	C16(Carbamidomethyl), M24(Oxidation), C26(Carbamidomethyl),"C16(Carbamidomethyl), C26(Carbamidomethyl)"	129	4.31E-13	1	3930.626	1.36	Salivary gland	3R:-:6962773-6962675	exon=> In CDS Exon 3 of transcript AGAP008216-PA
JHU_Ag_17031	SMVQNFDYTK	AGAP008216-PA	M2(Oxidation)	70	9.45E-07	2	1248.558	1.08	Visceras	3R:-:6963028-6962999	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_40847	YGVQNQLRNPLVQK	AGAP008216-PA	N5(Deamidated),Q6(Deamidated),Q13(Deamidated),N9(Deamidated)	79	1.28E-07	1	1657.900	-1.11	Salivary gland	3R:-:6962971-6962930	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_55927	YGVQNQLRNPLVQK	AGAP008216-PA	-	62	4.28E-06	1	1656.923	3.21	Malpighian tubule	3R:-:6962971-6962930	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_65518	NPLVQK	AGAP008216-PA	-	46	9.77E-05	1	698.418	-2.31	Head	3R:-:6962947-6962930	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_68468	AKYGVQNQLR	AGAP008216-PA	-	79	1.22E-07	1	1176.648	-0.46	Salivary gland	3R:-:6962977-6962948	exon=> In CDS Exon 2 of transcript AGAP008216-PA

JHU_Ag_76676	YLDGLK	AGAP008216-PA	-	34	0.001912362	1	708.393	0.68	Visceras	3R:-:6962674-6962657	exon=> In CDS Exon 3 of transcript AGAP008216-PA
JHU_Ag_76818	SMVQNFDYTK	AGAP008216-PA	M2(Oxidation),N5(Deamidated),"M2(Oxidation),N5(Deamidated)"	88	1.56E-08	1	1248.556	-0.48	Salivary gland	3R:-:6963028-6962999	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_77683	YGVQNQLR	AGAP008216-PA	-	76	3.61E-07	2	977.518	1.45	Visceras	3R:-:6962971-6962948	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_77812	NPLVQK	AGAP008216-PA	-	47	8.48E-05	1	698.420	-0.04	Salivary gland	3R:-:6962947-6962930	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_86788	SMVQNFDYTK	AGAP008216-PA	M2(Oxidation)	87	1.52E-08	1	1248.555	-1.36	Head	3R:-:6963028-6962999	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_91522	YGVQNQLR	AGAP008216-PA	N5(Deamidated)	76	4.11E-07	2	977.516	-0.42	Salivary gland	3R:-:6962971-6962948	exon=> In CDS Exon 2 of transcript AGAP008216-PA
JHU_Ag_3916	NFIDNFR	AGAP008218-PA	-	35	0.003617499	2	925.454	1.92	Malpighian tubule	3R:-:6974830-6974810	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_6408	SSGVFICPGLLK	AGAP008218-PA	C7(Carbamidomethyl)	44	0.000481008	2	1277.696	2.6	Midgut	3R:-:6974809-6974774	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_17936	ESFGTAINNLYHK	AGAP008218-PA	-	86	3.91E-08	1	1493.746	4.8	Malpighian tubule	3R:-:6975316-6975278	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_32295	SSGVFICPGLLK	AGAP008218-PA	C7(Carbamidomethyl)	73	5.07E-07	1	1277.696	2.69	Malpighian tubule	3R:-:6974809-6974774	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_35563	FVMEIITHQIDHR	AGAP008218-PA	-	74	5.01E-07	1	1638.845	1.64	Malpighian tubule	3R:-:6974734-6974696	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_43062	KESFGTAINNLYHK	AGAP008218-PA	-	93	7.97E-09	1	1621.833	0.05	Malpighian tubule	3R:-:6975319-6975278	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_71538	GRNFIDNFR	AGAP008218-PA	-	57	3.38E-05	1	1138.577	1.26	Malpighian tubule	3R:-:6974836-6974810	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_80266	IGLVFLLSK	AGAP008218-PA	-	52	3.89E-06	2	989.640	0.39	Midgut	3R:-:6974041-6974015	exon=> In CDS Exon 2 of transcript AGAP008218-PA
JHU_Ag_91773	IGLVFLLSK	AGAP008218-PA	-	65	1.34E-07	2	989.641	1.69	Malpighian tubule	3R:-:6974041-6974015	exon=> In CDS Exon 2 of transcript AGAP008218-PA
JHU_Ag_108052	HGLPHLKPEIPYGNIR	AGAP008218-PA	-	73	2.53E-07	1	1841.023	2.9	Malpighian tubule	3R:-:6975382-6975335	exon=> In CDS Exon 1 of transcript AGAP008218-PA
JHU_Ag_115206	FKFQATTPAK	AGAP008218-PA	-	57	1.68E-05	1	1138.625	-0.35	Malpighian tubule	3R:-:6974014-6973985	exon=> In CDS Exon 2 of transcript AGAP008218-PA
JHU_Ag_115754	FAAATVGLTPDAGFPMR	AGAP008218-PA	M16(Oxidation)	77	3.43E-07	2	1721.873	2.78	Malpighian tubule	3R:-:6973978-6973928	exon=> In CDS Exon 2 of transcript AGAP008218-PA
JHU_Ag_25851	IMVNDFQNFHDR	AGAP008218-PA,AGAP008217-PA	-	45	0.000472847	1	1535.708	0.98	Malpighian tubule	3R:-:6975199-6975164;3R:-:6972956-6972921	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_38761	LQQEIDEMMER	AGAP008218-PA,AGAP008217-PA	M8(Oxidation),M9(Oxidation)	86	2.52E-08	2	1421.642	1.5	Malpighian tubule	3R:-:6974488-6974456;3R:-:6972245-6972213	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_46907	DFVQLLIDLRR	AGAP008218-PA,AGAP008217-PA	-	61	3.42E-06	1	1387.806	0.55	Malpighian tubule	3R:-:6974671-6974639;3R:-:6972428-6972396	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_48895	GVYCNEEHDPFSANLFALPGQR	AGAP008218-PA,AGAP008217-PA	C4(Carbamidomethyl)	77	2.28E-07	1	2521.159	0.95	Malpighian tubule	3R:-:6975163-6975098;3R:-:6972920-6972855	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA

JHU_Ag_58992	NMLPTLLDVGNKLIDR	AGAP008218-PA,AGAP008217-PA	M2(Oxidation)	42	0.000400658	1	1812.009	2.34	Malpighian tubule	3R:-:6975043-6974996;3R:-:6972800-6972753	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_90398	NMLPTLLDVGNK	AGAP008218-PA,AGAP008217-PA	M2(Oxidation)	47	0.000291481	2	1314.711	1.67	Malpighian tubule	3R:-:6975043-6975008;3R:-:6972800-6972765	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_92028	ECTIDYKVPDSDVVIR	AGAP008218-PA,AGAP008217-PA	C2(Carbamidomethyl)	86	4.22E-08	1	1908.938	0.48	Malpighian tubule	3R:-:6974350-6974303;3R:-:6972107-6972060	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_102816	NMLPTLLDVGNK	AGAP008218-PA,AGAP008217-PA	M2(Oxidation)	47	0.000358236	2	1330.702	-1.04	Midgut	3R:-:6975043-6975008;3R:-:6972800-6972765	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_29509	KYPGLPILNR	AGAP008218-PA,AGAP008217-PA,AGAP002894-PA	-	37	0.000656598	2	1170.702	2.6	Malpighian tubule	3R:-:6974380-6974351;3R:-:6972137-6972108;2R:+:28982619-28982648	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA;exon=> In CDS Exon 1 of transcript AGAP002894-PA
JHU_Ag_38919	NYDADAYYPFGAGPR	AGAP008218-PA,AGAP008219-PA,AGAP008217-PA	-	92	4.67E-09	1	1676.737	1.77	Malpighian tubule	3R:-:6974197-6974153;3R:-:6976818-6976774;3R:-:6971954-6971910	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008219-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_78513	YLDLCVKETLR	AGAP008218-PA,AGAP008219-PA,AGAP008217-PA	C5(Carbamidomethyl)	69	1.33E-06	1	1409.749	2.26	Malpighian tubule	3R:-:6974413-6974381;3R:-:6977034-6977002;3R:-:6972170-6972138	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008219-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_111246	NYDADAYYPFGAGPR	AGAP008218-PA,AGAP008219-PA,AGAP008217-PA	-	89	8.44E-09	2	1676.730	-2.45	Midgut	3R:-:6974197-6974153;3R:-:6976818-6976774;3R:-:6971954-6971910	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008219-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA
JHU_Ag_123	AKLTPTFTSGQLR	AGAP008218-PA,AGAP008219-PA,AGAP008217-PA,AGAP002894-PA	-	84	2.42E-08	1	1419.796	0.49	Malpighian tubule	3R:-:6975082-6975044;3R:-:6977703-6977665;3R:-:6972839-6972801;2R:+:28981920-28981958	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008219-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA;exon=> In CDS Exon 1 of transcript AGAP002894-PA
JHU_Ag_107385	LTPTFTSGQLR	AGAP008218-PA,AGAP008219-PA,AGAP008217-PA,AGAP002894-PA	-	73	4.86E-07	1	1220.665	1.07	Malpighian tubule	3R:-:6975076-6975044;3R:-:6977697-6977665;3R:-:6972833-6972801;2R:+:28981926-28981958	exon=> In CDS Exon 1 of transcript AGAP008218-PA;exon=> In CDS Exon 1 of transcript AGAP008219-PA;exon=> In CDS Exon 1 of transcript AGAP008217-PA;exon=> In CDS Exon 1 of transcript AGAP002894-PA
JHU_Ag_3911	KDFIQMLTDLR	AGAP008219-PA	-	51	9.32E-05	1	1379.738	1.71	Malpighian tubule	3R:-:6977295-6977263	exon=> In CDS Exon 1 of transcript AGAP008219-PA

JHU_Ag_4706	QGLLLSK	AGAP008219-PA	-	45	0.000260 64	2	758.477	0.08	Malpighian tubule	3R:-:6976697-6976677	exon=> In CDS Exon 2 of transcript AGAP008219-PA
JHU_Ag_7962	FTGINSLSPPMKK	AGAP008219-PA	-	78	2.07E-07	1	1419.768	0.86	Malpighian tubule	3R:-:6977394-6977356	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_11517	LVGVYLFFRPAILVR	AGAP008219-PA	-	75	1.30E-08	1	1763.078	2.67	Malpighian tubule	3R:-:6977886-6977842	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_15375	FTGINSLSPPMK	AGAP008219-PA	-	76	3.81E-07	1	1291.672	0.67	Malpighian tubule	3R:-:6977394-6977359	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_24529	QGLPNLRPEIPYGNLR	AGAP008219-PA	-	83	2.67E-08	1	1837.011	1.79	Malpighian tubule	3R:-:6978003-6977956	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_25019	TAGVFLCPGLLK	AGAP008219-PA	C7(Carbamidomethyl)	73	4.82E-07	1	1275.715	1.65	Malpighian tubule	3R:-:6977430-6977395	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_27593	ESFNVAINDLYDRSSER	AGAP008219-PA	-	75	4.90E-07	1	2014.948	0.55	Malpighian tubule	3R:-:6977937-6977887	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_29236	IMVNDFQHFHDR	AGAP008219-PA	-	50	0.000126 642	1	1558.723	0.34	Malpighian tubule	3R:-:6977820-6977785	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_40242	ECTIDYKVPDSDTVIR	AGAP008219-PA	C2(Carbamidomethyl)	81	1.06E-07	1	1910.916	-0.42	Malpighian tubule	3R:-:6976971-6976924	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_40769	HHGEITYDNINGMK	AGAP008219-PA	-	40	0.001277 521	3	1628.752	1.88	Malpighian tubule	3R:-:6977076-6977035	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_42755	FNFSATIPR	AGAP008219-PA	-	79	1.55E-07	2	1052.553	0.13	Malpighian tubule	3R:-:6976649-6976623	exon=> In CDS Exon 2 of transcript AGAP008219-PA
JHU_Ag_42937	KESFNVAINDLYDR	AGAP008219-PA	-	93	7.26E-09	2	1683.841	4.45	Malpighian tubule	3R:-:6977940-6977899	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_49156	TAGVFLCPGLLK	AGAP008219-PA	C7(Carbamidomethyl)	40	0.000944 078	2	1275.715	1.75	Visceras	3R:-:6977430-6977395	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_54575	KFTTEVISSHLHQR	AGAP008219-PA	-	43	0.000459 884	1	1682.902	2.99	Malpighian tubule	3R:-:6977358-6977317	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_55062	DFIQMLTDLRR	AGAP008219-PA	M5(Oxidation)	34	0.004810 719	1	1423.737	0.63	Malpighian tubule	3R:-:6977292-6977260	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_55522	HMLPTFLAVGSK	AGAP008219-PA	M2(Oxidation)	67	2.77E-06	1	1300.710	1.43	Malpighian tubule	3R:-:6977664-6977629	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_74462	HMLPTFLAVGSKLEQYLER	AGAP008219-PA	M2(Oxidation)	137	1.93E-13	1	2248.185	2.36	Malpighian tubule	3R:-:6977664-6977608	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_76089	DFIQMLTDLR	AGAP008219-PA	M5(Oxidation)	62	8.86E-06	2	1267.644	7.23	Malpighian tubule	3R:-:6977292-6977263	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_76433	IKFEPVSITLAPK	AGAP008219-PA	-	88	2.72E-09	1	1442.862	0.27	Malpighian tubule	3R:-:6976619-6976581	exon=> In CDS Exon 2 of transcript AGAP008219-PA
JHU_Ag_77612	FTTEVISSHLHQR	AGAP008219-PA	-	85	3.53E-08	1	1554.804	1.37	Malpighian tubule	3R:-:6977355-6977317	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_80236	GVYCNEHSDPMSANLFALPGQR	AGAP008219-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M11(Oxidation)"	89	1.54E-08	1	2463.123	2.15	Malpighian tubule	3R:-:6977784-6977719	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_85008	ESFNVAINDLYDR	AGAP008219-PA	-	78	2.48E-07	1	1555.742	2.23	Malpighian tubule	3R:-:6977937-6977899	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_85309	VPDSDTVIR	AGAP008219-PA	-	53	7.41E-05	1	1001.527	1.08	Malpighian tubule	3R:-:6976950-6976924	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_87082	IYPALAVLNR	AGAP008219-PA	-	54	2.55E-05	1	1129.672	-0.93	Malpighian tubule	3R:-:6977001-6976972	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_92194	FEPVSITLAPK	AGAP008219-PA	-	71	7.61E-07	1	1201.684	0.83	Malpighian tubule	3R:-:6976613-6976581	exon=> In CDS Exon 2 of transcript AGAP008219-PA
JHU_Ag_95744	QIVDMRDIVSR	AGAP008219-PA	-	42	0.000773 065	2	1331.712	1.14	Malpighian tubule	3R:-:6977592-6977560	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_98066	FNFSATIPRK	AGAP008219-PA	-	53	3.45E-05	1	1180.648	0.12	Malpighian tubule	3R:-:6976649-6976620	exon=> In CDS Exon 2 of transcript AGAP008219-PA

JHU_Ag_103900	LQQEVDEMMER	AGAP008219-PA	M8(Oxidation), M9(Oxidation)	74	2.55E-07	1	1439.614	0.16	Malpighian tubule	3R:-:6977109-6977077	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_107237	IALVMMLSR	AGAP008219-PA	M5(Oxidation),M6(Oxidation)	65	2.50E-06	2	1033.591	0.85	Malpighian tubule	3R:-:6976676-6976650	exon=> In CDS Exon 2 of transcript AGAP008219-PA
JHU_Ag_110977	HHGEITYDNINGMK	AGAP008219-PA	M13(Oxidation)	32	0.006249384	2	1644.738	-3.09	Head	3R:-:6977076-6977035	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_114668	LEQYLER	AGAP008219-PA	-	49	0.000198107	1	950.494	0.11	Malpighian tubule	3R:-:6977628-6977608	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_116937	YFPEPELYSPER	AGAP008219-PA	-	58	2.25E-05	1	1526.721	3.04	Malpighian tubule	3R:-:6976872-6976837	exon=> In CDS Exon 1 of transcript AGAP008219-PA
JHU_Ag_112562	ALWSLSESR	AGAP008223-PA	-	42	0.001114004	2	1048.537	-5.19	Male reproductive organs	3R:+:7144235-7144261	exon=> In CDS Exon 2 of transcript AGAP008223-PA
JHU_Ag_4169	IPSVDAVYHLLK	AGAP008225-PA	-	63	3.57E-06	1	1354.776	2.19	Male reproductive organs	3R:+:7164806-7164841	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_8164	DKDLVTSADYK	AGAP008225-PA	-	65	4.17E-06	1	1254.620	-1.08	Midgut	3R:+:7164773-7164805	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_8212	VLFAGDDTTDEDVMR	AGAP008225-PA	M14(Oxidation)	107	1.75E-10	1	1699.754	3.25	Head	3R:+:7164689-7164733	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_8996	AFVAVISGR	AGAP008225-PA	-	57	1.36E-05	2	919.536	0.1	Male reproductive organs	3R:+:7164185-7164211	exon=> In CDS Exon 2 of transcript AGAP008225-PA
JHU_Ag_9298	KVLFAGDDTTDEDVMR	AGAP008225-PA	M15(Oxidation)	53	5.99E-05	2	1827.843	0.15	Male reproductive organs	3R:+:7164686-7164733	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_10339	AKEIIESYGYR	AGAP008225-PA	-	55	4.24E-05	2	1328.684	-0.76	Midgut	3R:+:7164542-7164574	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_14200	AFVAVISGR	AGAP008225-PA	-	62	4.61E-06	2	919.538	2.29	Malpighian tubule	3R:+:7164185-7164211	exon=> In CDS Exon 2 of transcript AGAP008225-PA
JHU_Ag_15411	VLFAGDDTTDEDVMR	AGAP008225-PA	M14(Oxidation)	105	2.45E-10	1	1699.749	0.53	Malpighian tubule	3R:+:7164689-7164733	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_18155	AKEIIESYGYR	AGAP008225-PA	-	81	1.28E-07	1	1328.688	2.27	Malpighian tubule	3R:+:7164542-7164574	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_27568	ANAAHASVEGKPPIQWNK	AGAP008225-PA	-	79	1.74E-07	1	1917.996	1.47	Midgut	3R:+:7164575-7164628	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_33659	IGLENVIYSGNHGLEVLYPNGTR	AGAP008225-PA	-	101	1.05E-09	1	2515.293	-0.51	Visceras	3R:+:7164236-7164304	exon=> In CDS Exon 2 of transcript AGAP008225-PA
JHU_Ag_46903	VLFAGDDTTDEDVMR	AGAP008225-PA	M14(Oxidation)	90	7.88E-09	1	1699.753	2.68	Male reproductive organs	3R:+:7164689-7164733	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_54893	IGLENVIYSGNHGLEVLYPNGTR	AGAP008225-PA	-	55	4.45E-05	1	2515.298	1.65	Male reproductive organs	3R:+:7164236-7164304	exon=> In CDS Exon 2 of transcript AGAP008225-PA
JHU_Ag_56033	IGLENVIYSGNHGLEVLYPNGTR	AGAP008225-PA	N20(Deamidated)	102	8.21E-10	1	2515.294	-0.17	Midgut	3R:+:7164236-7164304	exon=> In CDS Exon 2 of transcript AGAP008225-PA
JHU_Ag_74869	ANAAHASVEGKPPIQWNK	AGAP008225-PA	-	79	1.60E-07	1	1918.004	5.58	Malpighian tubule	3R:+:7164575-7164628	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_81678	IPSVDAVYHLLK	AGAP008225-PA	-	85	2.26E-08	1	1354.777	2.65	Malpighian tubule	3R:+:7164806-7164841	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_81966	IGLENVIYSGNHGLEVLYPNGTR	AGAP008225-PA	-	112	8.60E-11	1	2515.305	4.41	Malpighian tubule	3R:+:7164236-7164304	exon=> In CDS Exon 2 of transcript AGAP008225-PA
JHU_Ag_86475	HNQGIPR	AGAP008225-PA	-	38	0.0012592	2	821.439	1.31	Head	3R:+:7164305-7164325	exon=> In CDS Exon 2 of transcript AGAP008225-PA
JHU_Ag_88477	KVLFAGDDTTDEDVMR	AGAP008225-PA	M15(Oxidation)	77	2.42E-07	2	1811.849	0.25	Malpighian tubule	3R:+:7164686-7164733	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_91661	VLFAGDDTTDEDVMR	AGAP008225-PA	M14(Oxidation)	75	2.94E-07	2	1683.748	-2.92	Midgut	3R:+:7164689-7164733	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_104343	IPSVDAVYHLLK	AGAP008225-PA	-	83	3.33E-08	1	1354.776	2.01	Head	3R:+:7164806-7164841	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_107479	IGLENVIYSGNHGLEVLYPNGTR	AGAP008225-PA	-	159	1.83E-15	1	2515.303	3.54	Head	3R:+:7164236-7164304	exon=> In CDS Exon 2 of transcript AGAP008225-PA

JHU_Ag_107703	IPSVDAVYHLLK	AGAP008225-PA	-	80	6.02E-08	1	1354.773	-0.25	Midgut	3R:+:7164806-7164841	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_116505	IPSVDAVYHLLK	AGAP008225-PA	-	62	3.45E-06	1	1354.773	0.15	Visceras	3R:+:7164806-7164841	exon=> In CDS Exon 3 of transcript AGAP008225-PA
JHU_Ag_1025	IILGVDRLDYTK	AGAP008227-PA	-	49	4.24E-05	2	1405.806	0.42	Head	3R:-:7169654-7169619	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_1545	IILGVDRLDYTK	AGAP008227-PA	-	76	1.07E-07	1	1405.811	4.5	Malpighian tubule	3R:-:7169654-7169619	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_2085	TIEALAIAVR	AGAP008227-PA	-	68	7.82E-07	2	1056.644	2.36	Visceras	3R:-:7170095-7170066	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_2118	AFEVLLEK	AGAP008227-PA	-	56	2.17E-05	2	948.540	-0.22	Salivary gland	3R:-:7169597-7169574	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_2669	SLQDSVCGDGAWVENK	AGAP008227-PA	C7(Carbamidomethyl)	117	2.51E-11	1	1764.799	7.33	Malpighian tubule	3R:-:7168598-7168911,7168225-7168486	exon=> In CDS Exon 4 and 3 of transcript AGAP008227-PA
JHU_Ag_2777	SYYEVNKEFAAR	AGAP008227-PA	-	68	2.29E-06	1	1476.713	1.01	Ovary	3R:-:7170131-7170096	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_3146	TIEALAIAVR	AGAP008227-PA	-	56	1.19E-05	2	1056.640	-1.45	Male reproductive organs	3R:-:7170095-7170066	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_3372	ENVSLLQISVPSR	AGAP008227-PA	-	66	1.61E-06	1	1441.801	-0.02	Ovary	3R:-:7169558-7169520	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_3770	FTTANWSPIR	AGAP008227-PA	-	60	1.46E-05	2	1192.614	2.17	Salivary gland	3R:-:7169450-7169421	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_4604	LALLLDYDGTLAPIAPHPDLATLPPETK	AGAP008227-PA	-	133	1.71E-13	1	2955.606	-0.75	Midgut	3R:-:7168889-7168806	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_4987	FVHPMPIEYEDKVSGLLK	AGAP008227-PA	M5(Oxidation)	43	0.000615417	1	2118.098	2.08	Head	3R:-:7168652-7168599	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_6318	QMVGIEGITYAGNHGLEILHPDGSK	AGAP008227-PA	M2(Oxidation)	117	2.44E-11	1	2652.318	3.59	Malpighian tubule	3R:-:7168727-7168653	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_7324	RLPSTDSVLTMLK	AGAP008227-PA	M11(Oxidation)	56	1.46E-05	1	1460.824	6.56	Malpighian tubule	3R:-:7168088-7168050	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_8183	NVENVKQMVGIEGITYAGNHGLEILHPDGSK	AGAP008227-PA	M8(Oxidation)	153	4.63E-15	1	3319.687	3.86	Malpighian tubule	3R:-:7168745-7168653	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_8951	ANSLTYRGK	AGAP008227-PA	-	60	1.20E-05	1	1009.543	0.58	Malpighian tubule	3R:-:7168013-7167987	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_9270	SLQDSVCGDGAWVENK	AGAP008227-PA	C7(Carbamidomethyl)	92	5.48E-09	1	1764.788	1.31	Salivary gland	3R:-:7168598-7168911,7168225-7168486	exon=> In CDS Exon 4 and 3 of transcript AGAP008227-PA
JHU_Ag_10976	YIYGCVGQEELAAFYR	AGAP008227-PA	C5(Carbamidomethyl)	68	2.54E-06	2	1938.907	0.53	Salivary gland	3R:-:7169420-7169373	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_11218	AAEAHCAIEAKPPVQWNKGR	AGAP008227-PA	C6(Carbamidomethyl)	45	0.000394323	1	2233.131	0.74	Malpighian tubule	3R:-:7168386-7168327	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_11371	YIYGCVGQEELAAFYR	AGAP008227-PA	C5(Carbamidomethyl)	85	4.97E-08	2	1938.914	4.18	Head	3R:-:7169420-7169373	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_11458	SLQDSVCGDGAWVENK	AGAP008227-PA	C7(Carbamidomethyl)	137	2.02E-13	1	1764.790	2.62	Head	3R:-:7168598-7168911,7168225-7168486	exon=> In CDS Exon 4 and 3 of transcript AGAP008227-PA
JHU_Ag_12341	ASIYILR	AGAP008227-PA	-	59	2.98E-06	2	835.506	3.22	Malpighian tubule	3R:-:7168326-7168306	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_12775	QMVGIEGITYAGNHGLEILHPDGSK	AGAP008227-PA	M2(Oxidation)	64	5.74E-06	1	2652.317	3.22	Male reproductive organs	3R:-:7168727-7168653	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_13332	AAEAHCAIEAKPPVQWNK	AGAP008227-PA	C6(Carbamidomethyl)	52	0.000102908	1	2020.012	2.65	Visceras	3R:-:7168386-7168333	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_14187	GPLLTYHYR	AGAP008227-PA	-	31	0.012742778	1	1119.595	0.77	Midgut	3R:-:7168485-7168459	exon=> In CDS Exon 4 of transcript AGAP008227-PA

JHU_Ag_14360	FVHPMPIEYEDKVSGLLK	AGAP008227-PA	M5(Oxidation)	81	8.04E-08	1	2102.102	1.18	Ovary	3R:-:7168652-7168599	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_14549	SSLIVVSNR	AGAP008227-PA	-	72	5.32E-07	2	974.563	0.2	Midgut	3R:-:7172473-7172447	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_15385	GPLLTYHYR	AGAP008227-PA	-	57	3.10E-05	1	1119.596	1.27	Visceras	3R:-:7168485-7168459	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_15404	LSNHSDVYIAIISGRNVENVK	AGAP008227-PA	-	111	6.90E-11	1	2328.240	3.84	Malpighian tubule	3R:-:7168790-7168728	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_16479	SYYEVNKEFAAR	AGAP008227-PA	-	88	3.00E-08	1	1476.717	3.28	Malpighian tubule	3R:-:7170131-7170096	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_17771	QLIIQFGFR	AGAP008227-PA	-	46	0.000147528	2	1121.646	-0.21	Midgut	3R:-:7168413-7168387	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_18598	VRPLPIGIPFDR	AGAP008227-PA	-	42	0.000123241	1	1379.817	0.69	Salivary gland	3R:-:7169741-7169706	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_19343	AFEVLLEK	AGAP008227-PA	-	64	3.27E-06	1	948.540	0.23	Visceras	3R:-:7169597-7169574	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_19364	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	135	4.73E-14	1	1589.940	1.6	Ovary	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_19661	FVELAHSAR	AGAP008227-PA	-	41	0.000952587	2	1029.548	0.12	Midgut	3R:-:7169705-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_19772	ATFCADHWK	AGAP008227-PA	C4(Carbamidomethyl)	44	0.000285514	1	1135.500	0.83	Visceras	3R:-:7170158-7170132	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_21612	DYCLNFVDCCQR	AGAP008227-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	68	2.59E-07	1	1649.653	1.63	Head	3R:-:7169840-7169805	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_21708	GMAATFR	AGAP008227-PA	M2(Oxidation)	36	0.001367881	1	769.368	2	Malpighian tubule	3R:-:7168148-7168128	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_22321	RLPSTDSVLTMLK	AGAP008227-PA	-	57	1.67E-05	1	1460.816	1.12	Ovary	3R:-:7168088-7168050	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_24316	FTTANWSPIR	AGAP008227-PA	-	60	1.70E-05	1	1192.610	-1.1	Head	3R:-:7169450-7169421	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_25119	FTTANWSPIR	AGAP008227-PA	-	65	5.11E-06	1	1192.613	1.87	Visceras	3R:-:7169450-7169421	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_25878	SSLIVVSNR	AGAP008227-PA	-	56	2.50E-05	2	974.563	-0.05	Salivary gland	3R:-:7172473-7172447	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_25905	SSLIVVSNRLPFVLK	AGAP008227-PA	-	85	4.78E-10	1	1672.026	6.05	Malpighian tubule	3R:-:7172473-7172429	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_26021	LSNHSDVYIAIISGR	AGAP008227-PA	-	116	3.53E-11	1	1644.872	0.79	Visceras	3R:-:7168790-7168746	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_26926	VTNSQIIK	AGAP008227-PA	-	44	0.000306307	1	902.531	0.92	Malpighian tubule	3R:-:7168127-7168104	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_27181	RLPSTDSVLTMLK	AGAP008227-PA	-	55	2.29E-05	1	1460.818	2.71	Visceras	3R:-:7168088-7168050	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_27263	AAEAHCAIEAKPPVQWNK	AGAP008227-PA	C6(Carbamidomethyl)	46	0.000437689	1	2020.011	1.86	Male reproductive organs	3R:-:7168386-7168333	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_27592	FVELAHSAR	AGAP008227-PA	-	53	5.99E-05	1	1029.549	0.95	Malpighian tubule	3R:-:7169705-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_27825	GRASIYILR	AGAP008227-PA	-	56	9.24E-06	2	1048.629	2.95	Malpighian tubule	3R:-:7168332-7168306	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_27888	IILGVDRLDYTK	AGAP008227-PA	-	81	3.73E-08	1	1405.807	1.2	Male reproductive organs	3R:-:7169654-7169619	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_28188	ANSLTYR	AGAP008227-PA	-	51	5.17E-05	2	824.428	2.25	Malpighian tubule	3R:-:7168013-7167993	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_30236	LPFVLK	AGAP008227-PA	-	30	0.002747726	1	716.469	-2.21	Head	3R:-:7172446-7172429	exon=> In CDS Exon 1 of transcript AGAP008227-PA

JHU_Ag_30641	ATFCADHWK	AGAP008227-PA	C4(Carbamidomethyl)	47	0.000134 8	2	1135.499	-0.35	Head	3R:-:7170158-7170132	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_30726	AAEAHCAIEAKPPVQWNK	AGAP008227-PA	C6(Carbamidomethyl)	54	6.74E-05	1	2020.004	-1.34	Head	3R:-:7168386-7168333	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_32219	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	131	1.26E-13	1	1589.937	-0.55	Midgut	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_32484	AAEAHCAIEAKPPVQWNK	AGAP008227-PA	C6(Carbamidomethyl)	99	2.00E-09	1	2020.017	4.83	Malpighian tubule	3R:-:7168386-7168333	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_32656	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	83	8.27E-09	1	1589.937	-0.4	Male reproductive organs	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_33284	LPFVLK	AGAP008227-PA	-	30	0.002798 81	1	716.471	0.69	Visceras	3R:-:7172446-7172429	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_35338	SYYEVNKEFAAR	AGAP008227-PA	-	80	1.60E-07	1	1476.712	0.02	Midgut	3R:-:7170131-7170096	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_36613	GPLLTYHYR	AGAP008227-PA	-	44	0.000707 97	2	1119.594	-0.25	Salivary gland	3R:-:7168485-7168459	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_37031	ANSLTYR	AGAP008227-PA	-	37	0.001940 907	2	824.426	0.25	Ovary	3R:-:7168013-7167993	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_37984	SSLIVVSNR	AGAP008227-PA	-	61	7.03E-06	2	974.564	1.2	Visceras	3R:-:7172473-7172447	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_38036	ASIYILR	AGAP008227-PA	-	59	5.13E-06	2	835.504	0.3	Male reproductive organs	3R:-:7168326-7168306	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_39190	VRPLPIGIPFDR	AGAP008227-PA	-	51	1.35E-05	1	1379.819	2.46	Visceras	3R:-:7169741-7169706	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_39476	ALTMPEDERTLR	AGAP008227-PA	M4(Oxidation)	69	2.46E-06	1	1431.732	3.84	Malpighian tubule	3R:-:7169177-7169142	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_39611	ENVSLLQISVPSR	AGAP008227-PA	-	78	9.95E-08	2	1441.801	0.23	Midgut	3R:-:7169558-7169520	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_39855	SSLIVVSNRLPFVLK	AGAP008227-PA	-	83	7.30E-10	1	1672.018	1.31	Ovary	3R:-:7172473-7172429	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_39979	TDVKEYQELK	AGAP008227-PA	-	47	0.000270 904	1	1252.640	-1.45	Head	3R:-:7169519-7169490	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_40031	FVHPMPIEYEDKVSGLLK	AGAP008227-PA	M5(Oxidation)	118	1.57E-11	1	2102.109	4.75	Malpighian tubule	3R:-:7168652-7168599	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_40620	VRPLPIGIPFDR	AGAP008227-PA	-	37	0.000414 719	1	1379.816	0.43	Midgut	3R:-:7169741-7169706	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_41045	ASIYILR	AGAP008227-PA	-	53	2.19E-05	2	835.504	-0.06	Visceras	3R:-:7168326-7168306	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_42537	AFEVLLEKHPEHR	AGAP008227-PA	-	55	3.79E-05	1	1604.858	2.27	Malpighian tubule	3R:-:7169597-7169559	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_44239	AAEAHCAIEAKPPVQWNK	AGAP008227-PA	C6(Carbamidomethyl)	81	1.30E-07	1	2020.007	-0.16	Salivary gland	3R:-:7168386-7168333	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_44790	AAEAHCAIEAKPPVQWNK	AGAP008227-PA	C6(Carbamidomethyl)	94	6.16E-09	1	2020.005	-1.06	Ovary	3R:-:7168386-7168333	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_45186	DYCLNFVDCCQR	AGAP008227-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	98	2.46E-10	1	1649.654	2	Malpighian tubule	3R:-:7169840-7169805	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_45335	EASVCLVTPLR	AGAP008227-PA	C5(Carbamidomethyl)	73	6.54E-07	2	1244.668	0.78	Head	3R:-:7169372-7169340	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_47947	FVHPMPIEYEDKVSGLLK	AGAP008227-PA	M5(Oxidation)	67	2.41E-06	1	2118.091	-1.64	Male reproductive organs	3R:-:7168652-7168599	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_48285	LALLLDYDGTLAPIAPHPDLATLPPETK	AGAP008227-PA	-	146	8.58E-15	1	2955.608	-0.06	Ovary	3R:-:7168889-7168806	exon=> In CDS Exon 3 of transcript AGAP008227-PA

JHU_Ag_48997	QMVGIEGITYAGNHGLEILHPDGSK	AGAP008227-PA	M2(Oxidation)	148	2.07E-14	1	2652.304	-1.75	Head	3R:-:7168727-7168653	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_49473	TAFGVDWSER	AGAP008227-PA	-	49	0.000146709	2	1167.546	2.55	Malpighian tubule	3R:-:7168305-7168276	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_49822	SANCEITITGPQEAQTK	AGAP008227-PA	N-Term(Acetyl), C4(Carbamidomethyl)	56	4.52E-05	2	1889.896	2.86	Malpighian tubule	3R:-:7172524-7172474	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_49828	ETPPELRPAMVEK	AGAP008227-PA	M10(Oxidation)	54	4.84E-05	1	1496.784	4.44	Malpighian tubule	3R:-:7168458-7168420	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_49956	SLQDSVCGDGAWVENKGPLLTYHYR	AGAP008227-PA	C7(Carbamidomethyl)	160	1.29E-15	1	2865.373	3.5	Malpighian tubule	3R:-:7168598-7168911,7168225-7168459	exon=> In CDS Exon 4 and 3 of transcript AGAP008227-PA
JHU_Ag_49969	TAFGVDWSER	AGAP008227-PA	-	56	3.42E-05	2	1167.545	1.61	Ovary	3R:-:7168305-7168276	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_53278	LALLLDYDGTLAPIAPHPDLATLPPETK	AGAP008227-PA	-	152	1.86E-15	1	2955.621	4.4	Malpighian tubule	3R:-:7168889-7168806	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_53529	FTTANWSPIR	AGAP008227-PA	-	56	4.74E-05	2	1192.616	4.22	Ovary	3R:-:7169450-7169421	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_53587	FTTANWSPIR	AGAP008227-PA	-	65	4.99E-06	1	1192.610	-0.8	Male reproductive organs	3R:-:7169450-7169421	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_54967	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	127	3.56E-13	1	1589.941	2.14	Head	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_55234	VRPLPIGIPFDR	AGAP008227-PA	-	52	1.30E-05	1	1379.819	2.38	Malpighian tubule	3R:-:7169741-7169706	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_55275	IILGVDR	AGAP008227-PA	-	41	0.000649851	2	785.489	1.88	Malpighian tubule	3R:-:7169654-7169634	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_55300	ATFCADHWK	AGAP008227-PA	C4(Carbamidomethyl)	46	0.000198748	2	1135.503	3.19	Malpighian tubule	3R:-:7170158-7170132	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_56812	ATFCADHWK	AGAP008227-PA	C4(Carbamidomethyl)	43	0.000365281	2	1135.500	1.04	Male reproductive organs	3R:-:7170158-7170132	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_57126	AFEVLLEK	AGAP008227-PA	-	43	0.000447117	2	948.538	-2.47	Malpighian tubule	3R:-:7169597-7169574	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_58198	LPFVLK	AGAP008227-PA	-	30	0.00277315	1	716.473	2.73	Malpighian tubule	3R:-:7172446-7172429	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_58823	LPSTDSVLTMLK	AGAP008227-PA	-	92	7.57E-09	1	1304.714	1.01	Malpighian tubule	3R:-:7168085-7168050	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_59553	MQMAFDLVPNTSAANSAASSSDERD	AGAP008227-PA	-	78	1.20E-07	2	2615.142	2.65	Malpighian tubule	3R:-:7167968-7167894	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_61058	TAFGVDWSER	AGAP008227-PA	-	52	7.40E-05	1	1167.543	-0.38	Male reproductive organs	3R:-:7168305-7168276	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_61452	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	115	5.66E-12	1	1589.937	-0.09	Salivary gland	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_62013	FVELAHSAR	AGAP008227-PA	-	57	2.43E-05	2	1029.542	-5.09	Head	3R:-:7169705-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_62122	ETPPELRPAMVEK	AGAP008227-PA	-	36	0.003199174	1	1496.779	0.82	Salivary gland	3R:-:7168458-7168420	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_62500	SLQDSVCGDGAWVENK	AGAP008227-PA	C7(Carbamidomethyl)	92	7.03E-09	1	1764.789	2	Visceras	3R:-:7168598-7168911,7168225-7168486	exon=> In CDS Exon 4 and 3 of transcript AGAP008227-PA
JHU_Ag_63060	FVHPMPIEYEDKVSGLLK	AGAP008227-PA	M5(Oxidation)	80	1.20E-07	1	2118.094	0.17	Midgut	3R:-:7168652-7168599	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_63639	LPSTDSVLTMLK	AGAP008227-PA	-	47	0.000254065	2	1304.714	0.92	Salivary gland	3R:-:7168085-7168050	exon=> In CDS Exon 5 of transcript AGAP008227-PA

JHU_Ag_64249	LFDSYYNGCCNGTFWPLFHSMPGR	AGAP008227-PA	C9(Carbamidomethyl), C10(Carbamidomethyl), M21(Oxidation),"N7(Deamidated), C9(Carbamidomethyl), C10(Carbamidomethyl), M21(Oxidation)","C9(Carbamidomethyl), C10(Carbamidomethyl), N11(Deamidated), M21(Oxidation)"	113	3.19E-11	1	2942.262	4.62	Malpighian tubule	3R:-:7170230-7170159	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_64455	QLIIQFGFR	AGAP008227-PA	-	58	6.20E-06	2	1121.651	4.04	Malpighian tubule	3R:-:7168413-7168387	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_64704	LALLLDYDGTLAPIAPHPDLATLPPETKNVLQR	AGAP008227-PA	-	132	6.23E-14	1	3565.994	8.77	Malpighian tubule	3R:-:7168889-7168791	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_65721	ASIYILR	AGAP008227-PA	-	59	5.40E-06	2	835.504	0.3	Salivary gland	3R:-:7168326-7168306	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_66036	QMVGIEGITYAGNHGLEILHPDGSK	AGAP008227-PA	M2(Oxidation)	44	0.000566867	1	2652.313	1.56	Salivary gland	3R:-:7168727-7168653	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_66121	EASVCLVTPLR	AGAP008227-PA	C5(Carbamidomethyl)	50	0.000136715	1	1244.674	5.79	Male reproductive organs	3R:-:7169372-7169340	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_66343	NVENVKQMVGIEGITYAGNHGLEILHPDGSK	AGAP008227-PA	M8(Oxidation)	130	1.08E-12	1	3335.676	2	Ovary	3R:-:7168745-7168653	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_66469	GPLLTYHYR	AGAP008227-PA	-	42	0.001038758	2	1119.590	-4.4	Head	3R:-:7168485-7168459	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_66726	NLLVEHGGR	AGAP008227-PA	-	46	0.000188959	1	994.539	-4.06	Head	3R:-:7169777-7169751	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_66980	DYCLNFVDCCQR	AGAP008227-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	72	1.19E-07	1	1649.661	6.07	Male reproductive organs	3R:-:7169840-7169805	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_69507	ENVSLLQISVPSR	AGAP008227-PA	-	77	1.07E-07	1	1441.805	3.03	Visceras	3R:-:7169558-7169520	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_69611	LSNHSDVYIAIISGR	AGAP008227-PA	-	111	1.05E-10	1	1644.877	4.2	Malpighian tubule	3R:-:7168790-7168746	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_70316	SSLIVVSNR	AGAP008227-PA	-	73	4.59E-07	2	974.564	0.89	Malpighian tubule	3R:-:7172473-7172447	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_71445	IILGVDRLDYTK	AGAP008227-PA	-	47	8.75E-05	2	1405.808	1.89	Salivary gland	3R:-:7169654-7169619	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_72097	SSLIVVSNRLPFVLK	AGAP008227-PA	-	74	6.37E-09	1	1672.016	-0.01	Male reproductive organs	3R:-:7172473-7172429	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_72382	LSNHSDVYIAIISGR	AGAP008227-PA	-	116	3.52E-11	1	1644.873	1.61	Ovary	3R:-:7168790-7168746	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_72460	SYYEVNKEFAAR	AGAP008227-PA	-	80	1.43E-07	1	1476.712	-0.13	Male reproductive organs	3R:-:7170131-7170096	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_74367	TIEALAIAVRK	AGAP008227-PA	-	62	1.24E-06	1	1184.741	3.65	Malpighian tubule	3R:-:7170095-7170063	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_74479	QMVGIEGITYAGNHGLEILHPDGSK	AGAP008227-PA	-	68	1.90E-06	1	2636.321	2.66	Ovary	3R:-:7168727-7168653	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_75979	SYYEVNKEFAAR	AGAP008227-PA	-	89	1.93E-08	1	1476.710	-1.55	Head	3R:-:7170131-7170096	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_78253	HASAGGLVTAVAPVVIKGK	AGAP008227-PA	-	127	1.08E-13	1	1775.063	4.88	Malpighian tubule	3R:-:7172398-7172527,7168990-7170366	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA

JHU_Ag_78332	IILGVDRLDYTK	AGAP008227-PA	-	72	2.16E-07	1	1405.806	0.68	Ovary	3R:-:7169654-7169619	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_78699	TIEALAIAVR	AGAP008227-PA	-	68	7.63E-07	2	1056.643	1.67	Salivary gland	3R:-:7170095-7170066	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_78918	ENVSLLQISVPSR	AGAP008227-PA	-	47	0.000120882	2	1441.802	0.99	Head	3R:-:7169558-7169520	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_79808	QLIIQFGFR	AGAP008227-PA	-	70	5.56E-07	2	1121.648	1.32	Visceras	3R:-:7168413-7168387	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_80994	TAFGVDWSER	AGAP008227-PA	-	45	0.000384831	2	1167.544	1.19	Visceras	3R:-:7168305-7168276	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_81553	KNLLVEHGGR	AGAP008227-PA	-	60	5.64E-06	1	1122.640	1.99	Malpighian tubule	3R:-:7169780-7169751	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_82180	VRPLPIGIPFDR	AGAP008227-PA	-	65	6.68E-07	1	1379.818	1.49	Head	3R:-:7169741-7169706	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_82327	VTNSQIIK	AGAP008227-PA	-	43	0.000290303	2	902.538	8.29	Male reproductive organs	3R:-:7168127-7168104	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_82555	SLQDSVCGDGAWVENK	AGAP008227-PA	C7(Carbamidomethyl)	81	7.65E-08	1	1764.788	1.17	Midgut	3R:-:7168598-7168911,7168225-7168486	exon=> In CDS Exon 4 and 3 of transcript AGAP008227-PA
JHU_Ag_82751	RLPSTDSVLTMLK	AGAP008227-PA	M11(Oxidation)	47	0.000200552	1	1476.810	0.75	Head	3R:-:7168088-7168050	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_83042	IIYAGDDMTDEDAMMALK	AGAP008227-PA	M8(Oxidation), M14(Oxidation), M15(Oxidation)	111	3.54E-11	1	2050.869	1.68	Head	3R:-:7168269-7168518,7167891-7168149	exon=> In CDS Exon 5 and 4 of transcript AGAP008227-PA
JHU_Ag_84331	LALLLDYDGTLAPIAPHPDLATLPPETK	AGAP008227-PA	-	152	1.93E-15	1	2955.616	2.66	Visceras	3R:-:7168889-7168806	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_84344	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	120	1.60E-12	1	1589.941	2.22	Visceras	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_86266	LALLLDYDGTLAPIAPHPDLATLPPETK	AGAP008227-PA	-	108	4.27E-11	1	2955.613	1.79	Head	3R:-:7168889-7168806	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_87579	NLLVEHGGR	AGAP008227-PA	-	55	2.43E-05	1	994.546	2.69	Malpighian tubule	3R:-:7169777-7169751	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_88019	FVELAHSAR	AGAP008227-PA	-	64	4.07E-06	2	1029.548	0.72	Visceras	3R:-:7169705-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_88247	ARQLIIQFGFR	AGAP008227-PA	-	75	6.58E-08	1	1348.792	5.31	Malpighian tubule	3R:-:7168419-7168387	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_90422	EMQHDVNSWMR	AGAP008227-PA	M2(Oxidation)	54	2.22E-05	1	1432.616	4.58	Malpighian tubule	3R:-:7169120-7169088	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_90555	EASVCLVTPLRDGMNLVAK	AGAP008227-PA	C5(Carbamidomethyl), M14(Oxidation),C5(Carbamidomethyl)	69	1.31E-06	1	2073.085	0.82	Ovary	3R:-:7169372-7169316	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_92070	YIYGCVGQEELAAFYR	AGAP008227-PA	C5(Carbamidomethyl)	135	4.60E-13	1	1938.906	0.47	Ovary	3R:-:7169420-7169373	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_92402	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	145	5.64E-15	1	1589.938	0.07	Pupa	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_92716	EASVCLVTPLR	AGAP008227-PA	C5(Carbamidomethyl)	61	1.15E-05	2	1244.668	0.88	Ovary	3R:-:7169372-7169340	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_92917	IIYAGDDMTDEDAMMALK	AGAP008227-PA	M8(Oxidation), M14(Oxidation), M15(Oxidation)	60	5.04E-06	2	2050.871	2.75	Malpighian tubule	3R:-:7168269-7168518,7167891-7168149	exon=> In CDS Exon 5 and 4 of transcript AGAP008227-PA
JHU_Ag_93302	VRPLPIGIPFDRFVELAHSAR	AGAP008227-PA	-	49	2.46E-05	1	2390.348	0.95	Ovary	3R:-:7169741-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_94344	VRPLPIGIPFDRFVELAHSAR	AGAP008227-PA	-	55	6.94E-06	1	2390.343	-1.25	Male reproductive organs	3R:-:7169741-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA

JHU_Ag_95095	DYCLNFVDCCQR	AGAP008227-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	86	4.69E-09	1	1649.653	1.77	Salivary gland	3R:-:7169840-7169805	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_95288	TIEALAIAVRK	AGAP008227-PA	-	30	0.001959834	2	1184.737	0.56	Ovary	3R:-:7170095-7170063	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_95557	NLLVEHGGR	AGAP008227-PA	-	51	7.34E-05	1	994.543	0.36	Salivary gland	3R:-:7169777-7169751	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_95565	LSNHSDVYIAIISGR	AGAP008227-PA	-	110	1.27E-10	1	1644.874	1.9	Head	3R:-:7168790-7168746	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_96058	EASVCLVTPLR	AGAP008227-PA	C5(Carbamidomethyl)	53	7.10E-05	2	1244.668	0.98	Midgut	3R:-:7169372-7169340	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_97220	ALTMPEDER	AGAP008227-PA	M4(Oxidation)	35	0.003412843	1	1077.489	0.6	Malpighian tubule	3R:-:7169177-7169151	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_97410	GPLLTYHYR	AGAP008227-PA	-	59	2.20E-05	1	1119.596	1.26	Malpighian tubule	3R:-:7168485-7168459	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_97438	YIYGCVGQEELAAFYR	AGAP008227-PA	C5(Carbamidomethyl)	145	5.31E-14	1	1938.912	3.36	Visceras	3R:-:7169420-7169373	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_97591	LALLLDYDGTLAPIAPHPDLATLPPETK	AGAP008227-PA	-	57	6.38E-06	3	2955.621	4.4	Pupa	3R:-:7168889-7168806	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_97672	TIEALAIAVR	AGAP008227-PA	-	65	1.48E-06	2	1056.646	4.44	Malpighian tubule	3R:-:7170095-7170066	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_99393	ANSLTYR	AGAP008227-PA	-	42	0.000622307	2	824.427	0.92	Visceras	3R:-:7168013-7167993	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_99854	VTNSQIIK	AGAP008227-PA	-	41	0.000681016	2	902.531	0.04	Salivary gland	3R:-:7168127-7168104	exon=> In CDS Exon 5 of transcript AGAP008227-PA
JHU_Ag_100235	NLLVEHGGR	AGAP008227-PA	-	54	3.62E-05	1	994.543	-0.25	Midgut	3R:-:7169777-7169751	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_102830	DYCLNFVDCCQR	AGAP008227-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	76	3.93E-08	1	1649.654	2	Visceras	3R:-:7169840-7169805	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_102901	DGMNLVAK	AGAP008227-PA	-	46	0.00045113	2	847.437	3	Malpighian tubule	3R:-:7169339-7169316	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_103392	FVELAHSAR	AGAP008227-PA	-	52	6.28E-05	1	1029.549	1.66	Salivary gland	3R:-:7169705-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_105252	ETPPELRPAMVEK	AGAP008227-PA	M10(Oxidation)	43	0.000723298	1	1512.777	2.5	Male reproductive organs	3R:-:7168458-7168420	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_106604	ENVSLLQISVPSR	AGAP008227-PA	-	89	6.86E-09	1	1441.809	5.23	Malpighian tubule	3R:-:7169558-7169520	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_106960	TAFGVDWSER	AGAP008227-PA	-	47	0.000241696	2	1167.545	1.61	Salivary gland	3R:-:7168305-7168276	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_107243	EASVCLVTPLR	AGAP008227-PA	C5(Carbamidomethyl)	66	3.90E-06	2	1244.670	2.84	Visceras	3R:-:7169372-7169340	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_108288	EYQELKEEMDQLVGR	AGAP008227-PA	-	103	6.42E-10	1	1866.901	5.5	Visceras	3R:-:7169507-7169463	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_108686	TIEALAIAVR	AGAP008227-PA	-	62	3.56E-06	2	1056.641	-0.07	Midgut	3R:-:7170095-7170066	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_108757	ASIYILR	AGAP008227-PA	-	47	9.30E-05	2	835.504	0.01	Head	3R:-:7168326-7168306	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_109166	QLIIQFGFR	AGAP008227-PA	-	41	0.000307885	2	1121.651	3.93	Salivary gland	3R:-:7168413-7168387	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_110174	ENVSLLQISVPSR	AGAP008227-PA	-	69	6.46E-07	2	1441.803	1.08	Salivary gland	3R:-:7169558-7169520	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_110450	DYCLNFVDCCQR	AGAP008227-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	73	7.61E-08	2	1649.653	1.63	Midgut	3R:-:7169840-7169805	exon=> In CDS Exon 2 of transcript AGAP008227-PA

JHU_Ag_110466	IIYAGDDMTDEDAMMALK	AGAP008227-PA	M8(Oxidation), M14(Oxidation), M15(Oxidation)	83	2.26E-08	2	2050.863	-1.18	Midgut	3R:-:7168269-7168518,7167891-7168149	exon=> In CDS Exon 5 and 4 of transcript AGAP008227-PA
JHU_Ag_111190	FVHPMPIEYEDK	AGAP008227-PA	-	43	0.000785843	2	1504.716	1.31	Head	3R:-:7168652-7168617	exon=> In CDS Exon 3 of transcript AGAP008227-PA
JHU_Ag_111461	FTTANWSPIR	AGAP008227-PA	-	69	2.17E-06	1	1192.613	1.97	Malpighian tubule	3R:-:7169450-7169421	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_113161	EASVCLVTPLR	AGAP008227-PA	C5(Carbamidomethyl)	72	1.01E-06	1	1244.667	0.39	Malpighian tubule	3R:-:7169372-7169340	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_113233	TAFGVDWSERIK	AGAP008227-PA	-	62	8.60E-06	1	1408.728	4.13	Malpighian tubule	3R:-:7168305-7168270	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_113284	HASAGGLVTAVAPVVIK	AGAP008227-PA	-	146	3.70E-15	1	1589.946	5.21	Malpighian tubule	3R:-:7172398-7172527,7168990-7170372	exon=> In CDS Exon 2 and 1 of transcript AGAP008227-PA
JHU_Ag_114264	VRPLPIGIPFDRFVELAHSAR	AGAP008227-PA	-	111	1.63E-11	1	2390.357	4.57	Malpighian tubule	3R:-:7169741-7169679	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_114359	HPEHRENVSLLQISVPSR	AGAP008227-PA	-	61	7.28E-06	1	2098.113	-1.32	Malpighian tubule	3R:-:7169573-7169520	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_115238	SSLIVVSNR	AGAP008227-PA	-	63	4.98E-06	2	974.561	-1.8	Head	3R:-:7172473-7172447	exon=> In CDS Exon 1 of transcript AGAP008227-PA
JHU_Ag_115546	NLLVEHGGR	AGAP008227-PA	-	37	0.00165077	2	994.544	0.79	Visceras	3R:-:7169777-7169751	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_116109	EASVCLVTPLR	AGAP008227-PA	C5(Carbamidomethyl)	68	2.17E-06	2	1244.668	0.59	Salivary gland	3R:-:7169372-7169340	exon=> In CDS Exon 2 of transcript AGAP008227-PA
JHU_Ag_116405	ASIYILR	AGAP008227-PA	-	53	1.99E-05	2	835.503	-0.43	Midgut	3R:-:7168326-7168306	exon=> In CDS Exon 4 of transcript AGAP008227-PA
JHU_Ag_117791	SLQDSVCGDGAWVENKGPLLTYHYR	AGAP008227-PA	C7(Carbamidomethyl)	86	3.69E-08	1	2865.366	1.2	Ovary	3R:-:7168598-7168911,7168225-7168459	exon=> In CDS Exon 4 and 3 of transcript AGAP008227-PA
JHU_Ag_1996	LYIGDANSAK	AGAP008228-PA,AGAP008228-PB	-	70	1.50E-06	1	1051.546	3.58	Male reproductive organs	3R:-:7177411-7177576,7177201-7177317;3R:-:7177411-7177576,7177201-7177317	exon=> In CDS Exon 3 and 2 of transcript AGAP008228-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP008228-PB
JHU_Ag_3241	DIRPNEGFLQQLADLDNELKR	AGAP008228-PA,AGAP008228-PB	-	75	2.83E-07	1	2484.306	8.77	Malpighian tubule	3R:-:7176612-7176550;3R:-:7176612-7176550	exon=> In CDS Exon 5 of transcript AGAP008228-PA;exon=> In CDS Exon 5 of transcript AGAP008228-PB
JHU_Ag_10261	YMGFPMIDQPTTDISR	AGAP008228-PA,AGAP008228-PB	M2(Oxidation), M6(Oxidation)	72	6.09E-07	2	1903.856	-0.42	Male reproductive organs	3R:-:7176904-7176857;3R:-:7176904-7176857	exon=> In CDS Exon 4 of transcript AGAP008228-PA;exon=> In CDS Exon 4 of transcript AGAP008228-PB
JHU_Ag_18106	DIRPNEGFLQQLADLDNELK	AGAP008228-PA,AGAP008228-PB	-	123	6.65E-12	1	2328.188	2.26	Head	3R:-:7176612-7176553;3R:-:7176612-7176553	exon=> In CDS Exon 5 of transcript AGAP008228-PA;exon=> In CDS Exon 5 of transcript AGAP008228-PB
JHU_Ag_22147	LYIGDANSAK	AGAP008228-PA,AGAP008228-PB	-	58	2.02E-05	1	1051.542	0.44	Visceras	3R:-:7177411-7177576,7177201-7177317;3R:-:7177411-7177576,7177201-7177317	exon=> In CDS Exon 3 and 2 of transcript AGAP008228-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP008228-PB

JHU_Ag_24301	LIGVTHVLNTAEGTR	AGAP008228-PA,AGAP008228-PB	-	91	4.61E-09	1	1580.877	0.69	Male reproductive organs	3R:-:7177298-7177254;3R:-:7177298-7177254	exon=> In CDS Exon 3 of transcript AGAP008228-PA;exon=> In CDS Exon 3 of transcript AGAP008228-PB
JHU_Ag_24588	FGQVDTGHSYYR	AGAP008228-PA,AGAP008228-PB	-	83	5.28E-08	1	1429.649	-0.68	Visceras	3R:-:7177253-7177218;3R:-:7177253-7177218	exon=> In CDS Exon 3 of transcript AGAP008228-PA;exon=> In CDS Exon 3 of transcript AGAP008228-PB
JHU_Ag_31985	FIENGINSGGK	AGAP008228-PA,AGAP008228-PB	-	46	0.000432686	2	1135.574	-0.22	Male reproductive organs	3R:-:7176835-7176905,7176532-7176730;3R:-:7176835-7176917,7176532-7176730	exon=> In CDS Exon 5 and 4 of transcript AGAP008228-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP008228-PB
JHU_Ag_40220	FGQVDTGHSYYR	AGAP008228-PA,AGAP008228-PB	-	72	6.81E-07	1	1429.648	-0.73	Head	3R:-:7177253-7177218;3R:-:7177253-7177218	exon=> In CDS Exon 3 of transcript AGAP008228-PA;exon=> In CDS Exon 3 of transcript AGAP008228-PB
JHU_Ag_41209	ILHYSVTPCRPMLGLR	AGAP008228-PA,AGAP008228-PB	C9(Carbamidomethyl), M12(Oxidation)	69	1.23E-06	1	1929.020	0.07	Visceras	3R:-:7177510-7177463;3R:-:7177510-7177463	exon=> In CDS Exon 2 of transcript AGAP008228-PA;exon=> In CDS Exon 2 of transcript AGAP008228-PB
JHU_Ag_42424	SECALYDVDCDEVYPR	AGAP008228-PA,AGAP008228-PB	C3(Carbamidomethyl), C10(Carbamidomethyl)	113	1.65E-11	1	1990.817	0.52	Head	3R:-:7177459-7177412;3R:-:7177459-7177412	exon=> In CDS Exon 2 of transcript AGAP008228-PA;exon=> In CDS Exon 2 of transcript AGAP008228-PB
JHU_Ag_44791	DIRPNEGFLQQLADLDNELKR	AGAP008228-PA,AGAP008228-PB	-	107	1.97E-10	1	2484.285	0.32	Head	3R:-:7176612-7176550;3R:-:7176612-7176550	exon=> In CDS Exon 5 of transcript AGAP008228-PA;exon=> In CDS Exon 5 of transcript AGAP008228-PB
JHU_Ag_54445	YAYLTHYR	AGAP008228-PA,AGAP008228-PB	-	52	6.28E-05	2	1086.536	-0.7	Male reproductive organs	3R:-:7191420-7191432,7177395-7177559;3R:-:7191420-7191432,7177395-7177559	exon=> In CDS Exon 2 and 1 of transcript AGAP008228-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP008228-PB
JHU_Ag_57172	RSECALYDVDCDEVYPR	AGAP008228-PA,AGAP008228-PB	C4(Carbamidomethyl), C11(Carbamidomethyl)	59	7.51E-06	2	2146.919	1.08	Visceras	3R:-:7177462-7177412;3R:-:7177462-7177412	exon=> In CDS Exon 2 of transcript AGAP008228-PA;exon=> In CDS Exon 2 of transcript AGAP008228-PB
JHU_Ag_59567	RSECALYDVDCDEVYPR	AGAP008228-PA,AGAP008228-PB	C4(Carbamidomethyl), C11(Carbamidomethyl)	58	1.17E-05	3	2146.920	1.36	Head	3R:-:7177462-7177412;3R:-:7177462-7177412	exon=> In CDS Exon 2 of transcript AGAP008228-PA;exon=> In CDS Exon 2 of transcript AGAP008228-PB
JHU_Ag_67698	LYIGDANSAK	AGAP008228-PA,AGAP008228-PB	-	59	1.65E-05	1	1051.541	-1.06	Head	3R:-:7177411-7177576,7177201-7177317;3R:-:7177411-7177576,7177201-7177317	exon=> In CDS Exon 3 and 2 of transcript AGAP008228-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP008228-PB
JHU_Ag_68917	SATCVLAYLMIAR	AGAP008228-PA,AGAP008228-PB	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M10(Oxidation)"	67	2.25E-06	2	1484.762	1.07	Visceras	3R:-:7176696-7176658;3R:-:7176696-7176658	exon=> In CDS Exon 5 of transcript AGAP008228-PA;exon=> In CDS Exon 5 of transcript AGAP008228-PB

JHU_Ag_77726	SECALYDVDCDEVYPR	AGAP008228-PA,AGAP008228-PB	C3(Carbamidomethyl), C10(Carbamidomethyl)	75	9.65E-08	2	1990.817	0.52	Male reproductive organs	3R:-:7177459-7177412;3R:-:7177459-7177412	exon=> In CDS Exon 2 of transcript AGAP008228-PA;exon=> In CDS Exon 2 of transcript AGAP008228-PB
JHU_Ag_81162	YAYLTHYR	AGAP008228-PA,AGAP008228-PB	-	47	0.000191882	1	1086.535	-1.15	Head	3R:-:7191420-7191432,7177395-7177559;3R:-:7191420-7191432,7177395-7177559	exon=> In CDS Exon 2 and 1 of transcript AGAP008228-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP008228-PB
JHU_Ag_87649	DIRPNEGFLQQLADLDNELKR	AGAP008228-PA,AGAP008228-PB	-	96	2.68E-09	1	2484.293	3.5	Visceras	3R:-:7176612-7176550;3R:-:7176612-7176550	exon=> In CDS Exon 5 of transcript AGAP008228-PA;exon=> In CDS Exon 5 of transcript AGAP008228-PB
JHU_Ag_92334	LIGVTHVLNTAEGTR	AGAP008228-PA,AGAP008228-PB	-	121	4.81E-12	1	1580.879	2.31	Head	3R:-:7177298-7177254;3R:-:7177298-7177254	exon=> In CDS Exon 3 of transcript AGAP008228-PA;exon=> In CDS Exon 3 of transcript AGAP008228-PB
JHU_Ag_94387	SECALYDVDCDEVYPR	AGAP008228-PA,AGAP008228-PB	C3(Carbamidomethyl), C10(Carbamidomethyl)	109	4.34E-11	1	1990.818	1.19	Visceras	3R:-:7177459-7177412;3R:-:7177459-7177412	exon=> In CDS Exon 2 of transcript AGAP008228-PA;exon=> In CDS Exon 2 of transcript AGAP008228-PB
JHU_Ag_99215	FGQVDTGHSYYR	AGAP008228-PA,AGAP008228-PB	-	98	1.76E-09	1	1429.649	-0.48	Male reproductive organs	3R:-:7177253-7177218;3R:-:7177253-7177218	exon=> In CDS Exon 3 of transcript AGAP008228-PA;exon=> In CDS Exon 3 of transcript AGAP008228-PB
JHU_Ag_104808	FIENGINSGGK	AGAP008228-PA,AGAP008228-PB	-	64	7.13E-06	2	1135.574	0	Visceras	3R:-:7176835-7176905,7176532-7176730;3R:-:7176835-7176917,7176532-7176730	exon=> In CDS Exon 5 and 4 of transcript AGAP008228-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP008228-PB
JHU_Ag_105569	FIENGINSGGK	AGAP008228-PA,AGAP008228-PB	-	57	3.19E-05	2	1135.574	-0.22	Head	3R:-:7176835-7176905,7176532-7176730;3R:-:7176835-7176917,7176532-7176730	exon=> In CDS Exon 5 and 4 of transcript AGAP008228-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP008228-PB
JHU_Ag_112681	ILHYSVTPCRPMLGLR	AGAP008228-PA,AGAP008228-PB	C9(Carbamidomethyl), M12(Oxidation)	59	1.35E-05	1	1929.021	0.54	Male reproductive organs	3R:-:7177510-7177463;3R:-:7177510-7177463	exon=> In CDS Exon 2 of transcript AGAP008228-PA;exon=> In CDS Exon 2 of transcript AGAP008228-PB
JHU_Ag_112749	LIGVTHVLNTAEGTR	AGAP008228-PA,AGAP008228-PB	-	88	9.03E-09	1	1580.877	0.61	Visceras	3R:-:7177298-7177254;3R:-:7177298-7177254	exon=> In CDS Exon 3 of transcript AGAP008228-PA;exon=> In CDS Exon 3 of transcript AGAP008228-PB
JHU_Ag_116586	YAYLTHYR	AGAP008228-PA,AGAP008228-PB	-	53	5.50E-05	1	1086.537	0.31	Visceras	3R:-:7191420-7191432,7177395-7177559;3R:-:7191420-7191432,7177395-7177559	exon=> In CDS Exon 2 and 1 of transcript AGAP008228-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP008228-PB
JHU_Ag_46491	VASSGGTLSSYVIR	AGAP008233-PA	-	91	8.26E-09	2	1396.752	6.36	Malpighian tubule	3R:+:7544511-7544552	exon=> In CDS Exon 3 of transcript AGAP008233-PA
JHU_Ag_50179	AVIALASDPSGVR	AGAP008233-PA	-	48	0.000106785	2	1255.704	2.38	Malpighian tubule	3R:+:7543813-7543851	exon=> In CDS Exon 2 of transcript AGAP008233-PA

JHU_Ag_52566	YFHELPR	AGAP008234-PA	-	35	0.006545915	1	961.485	-3.8	Head	3R:-:7545058-7545038	exon=> In CDS Exon 3 of transcript AGAP008234-PA
JHU_Ag_58265	IDTVCTTAEAFVK	AGAP008234-PA	C5(Carbamidomethyl)	43	0.000759132	2	1454.737	12.19	Ovary	3R:-:7545281-7545243	exon=> In CDS Exon 2 of transcript AGAP008234-PA
JHU_Ag_415	SIVADWEAEIAQAK	AGAP008236-PA	-	76	3.94E-07	2	1530.781	0.41	Ovary	3R:+:7552446-7552487	exon=> In CDS Exon 5 of transcript AGAP008236-PA
JHU_Ag_19747	SAAATTATATVASDQQQQGAK	AGAP008236-PA	-	53	7.85E-05	2	2005.984	2.79	Malpighian tubule	3R:+:7555415-7555477	exon=> In CDS Exon 8 of transcript AGAP008236-PA
JHU_Ag_46440	VSNQYSEAIDHVNYENYR	AGAP008236-PA	-	46	0.000278069	1	2200.996	2.82	Ovary	3R:+:7555058-7555111	exon=> In CDS Exon 8 of transcript AGAP008236-PA
JHU_Ag_64569	YFADAQTPGSLFK	AGAP008236-PA	-	74	5.00E-07	1	1444.711	0.24	Ovary	3R:+:7552266-7552304	exon=> In CDS Exon 4 of transcript AGAP008236-PA
JHU_Ag_86181	TANFSTLLCYDR	AGAP008236-PA	C9(Carbamidomethyl)	56	3.61E-05	2	1460.686	1.34	Ovary	3R:+:7554770-7554805	exon=> In CDS Exon 7 of transcript AGAP008236-PA
JHU_Ag_110414	GEAGYFSQVR	AGAP008236-PA	-	35	0.002864451	2	1113.535	2.75	Ovary	3R:+:7553788-7553817	exon=> In CDS Exon 6 of transcript AGAP008236-PA
JHU_Ag_11182	VALEEVILQIK	AGAP008239-PA	-	75	6.28E-08	2	1254.771	3.07	Ovary	3R:-:7568076-7568044	exon=> In CDS Exon 2 of transcript AGAP008239-PA
JHU_Ag_47705	AIVGAGLYPNVAFVR	AGAP008239-PA	-	41	0.000269346	2	1546.883	5.74	Malpighian tubule	3R:-:7567494-7567450	exon=> In CDS Exon 2 of transcript AGAP008239-PA
JHU_Ag_64947	VALEEVILQIK	AGAP008239-PA	-	59	2.67E-06	1	1254.769	2	Head	3R:-:7568076-7568044	exon=> In CDS Exon 2 of transcript AGAP008239-PA
JHU_Ag_73	VSSIFETLAK	AGAP008244-PA	-	51	6.10E-05	2	1094.610	0.38	Midgut	3R:-:7775312-7775283	exon=> In CDS Exon 1 of transcript AGAP008244-PA
JHU_Ag_61216	IFASAIK	AGAP008244-PA	-	30	0.002846845	1	749.456	-0.1	Midgut	3R:-:7775282-7775262	exon=> In CDS Exon 1 of transcript AGAP008244-PA
JHU_Ag_63819	VSSIFETLAK	AGAP008244-PA	-	54	3.48E-05	2	1094.608	-1.07	Visceras	3R:-:7775312-7775283	exon=> In CDS Exon 1 of transcript AGAP008244-PA
JHU_Ag_65698	TPVSGAEIVTGISKAFEK	AGAP008244-PA	-	34	0.00391772	2	1833.969	-14.43	Visceras	3R:-:7775366-7775313	exon=> In CDS Exon 1 of transcript AGAP008244-PA
JHU_Ag_75567	TPVSGAEIVTGISK	AGAP008244-PA	-	70	1.13E-06	2	1358.752	-0.11	Midgut	3R:-:7775366-7775325	exon=> In CDS Exon 1 of transcript AGAP008244-PA
JHU_Ag_104168	DTAIETVTTCATVCPQVFDPR	AGAP008244-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	72	8.37E-07	1	2381.106	-2.12	Midgut	3R:-:7778705-7778643	exon=> In CDS Exon 1 of transcript AGAP008244-PA
JHU_Ag_35067	DSHFSVPIDRVEPWYR	AGAP008246-PA	-	58	3.03E-05	1	2002.979	0.87	Ovary	3R:-:7791867-7791820	exon=> In CDS Exon 3 of transcript AGAP008246-PA
JHU_Ag_68691	VLDWERFNVDGVNVVR	AGAP008246-PA	N8(Deamidated)	38	0.00257706	1	1917.989	3.89	Ovary	3R:-:7793352-7793305	exon=> In CDS Exon 1 of transcript AGAP008246-PA
JHU_Ag_4906	LDVTSADDYRK	AGAP008249-PA	-	44	0.00058167	1	1282.631	2.53	Ovary	3R:+:7876981-7877013	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_11032	LAILTCPFEPPKPK	AGAP008249-PA	C6(Carbamidomethyl)	65	1.99E-06	1	1610.896	-0.75	Ovary	3R:+:7876927-7876968	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_13200	FEELSSDKLGTAGVVR	AGAP008249-PA	-	113	6.87E-11	1	1707.892	0.14	Ovary	3R:+:7877218-7877265	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_16013	EADQLSTLEQYAFR	AGAP008249-PA	-	94	6.83E-09	2	1670.807	2.67	Malpighian tubule	3R:+:7877491-7877532	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_16323	FEELSSDK	AGAP008249-PA	-	41	0.000646234	1	954.440	-2.04	Ovary	3R:+:7877218-7877241	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_21705	AFSVALESIPLALAENSGLSPIETLSELK	AGAP008249-PA	-	150	3.68E-15	1	2999.622	1.06	Ovary	3R:+:7877533-7877619	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_23506	LDVTSADDYRK	AGAP008249-PA	-	71	1.23E-06	1	1282.632	3.29	Malpighian tubule	3R:+:7876981-7877013	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_26016	LAILTCPFEPPKPK	AGAP008249-PA	C6(Carbamidomethyl)	68	7.36E-07	1	1610.901	2.02	Salivary gland	3R:+:7876927-7876968	exon=> In CDS Exon 2 of transcript AGAP008249-PA

JHU_Ag_26430	IVYGGGAAEISCSLAVAR	AGAP008249-PA	C12(Carbamidomethyl)	107	2.55E-10	1	1793.927	3.07	Ovary	3R:+:7877437-7877490	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_26459	WVGGPEIELIAIATGGR	AGAP008249-PA	-	89	7.57E-09	2	1738.959	6.12	Salivary gland	3R:+:7877155-7877205	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_32006	DVNFELIK	AGAP008249-PA	-	38	0.002542 83	2	977.529	-1.63	Ovary	3R:+:7876792-7876815	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_33090	SIHDALCVVR	AGAP008249-PA	C7(Carbamidomethyl)	46	0.000239 663	2	1169.603	-5.48	Head	3R:+:7877386-7877415	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_33294	EADQLSTLEQYAFR	AGAP008249-PA	-	93	8.04E-09	2	1670.807	2.89	Salivary gland	3R:+:7877491-7877532	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_34618	WVGGPEIELIAIATGGR	AGAP008249-PA	-	96	1.57E-09	1	1738.950	0.79	Midgut	3R:+:7877155-7877205	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_41190	LAILTCPFEPPKPK	AGAP008249-PA	C6(Carbamidomethyl)	54	2.20E-05	1	1610.902	2.93	Head	3R:+:7876927-7876968	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_46520	AFSVALESIPLALAENSGLSPIETLSELK	AGAP008249-PA	-	69	3.93E-07	1	2999.633	4.66	Malpighian tubule	3R:+:7877533-7877619	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_47479	EADQLSTLEQYAFR	AGAP008249-PA	-	75	5.47E-07	2	1670.803	0.77	Visceras	3R:+:7877491-7877532	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_56990	DVNFELIK	AGAP008249-PA	-	51	0.000107 178	2	977.531	1.11	Malpighian tubule	3R:+:7876792-7876815	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_59014	MLVIEDCLNTR	AGAP008249-PA	M1(Oxidation), C7(Carbamidomethyl)	69	2.24E-06	2	1379.665	-0.53	Ovary	3R:+:7877296-7877328	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_59361	QMAEIAVDAVLTVADLEKK	AGAP008249-PA	M2(Oxidation)	56	1.96E-05	1	2060.100	2.85	Malpighian tubule	3R:+:7876735-7876791	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_68141	LGTAGVVR	AGAP008249-PA	-	38	0.002041 042	2	772.468	0.98	Ovary	3R:+:7877242-7877265	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_68696	SIHDALCVVR	AGAP008249-PA	C7(Carbamidomethyl)	65	3.69E-06	1	1169.612	1.83	Ovary	3R:+:7877386-7877415	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_73420	WVGGPEIELIAIATGGR	AGAP008249-PA	-	103	2.93E-10	1	1738.954	2.96	Ovary	3R:+:7877155-7877205	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_75223	LDVTSADDYRK	AGAP008249-PA	-	57	2.86E-05	1	1282.628	0.53	Head	3R:+:7876981-7877013	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_75563	AVTVLIR	AGAP008249-PA	-	38	0.000753 834	2	771.509	0.6	Ovary	3R:+:7877329-7877349	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_79183	KDVNFELIK	AGAP008249-PA	-	36	0.001904 644	2	1105.626	0.38	Ovary	3R:+:7876789-7876815	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_79249	KQQIVLATQLVK	AGAP008249-PA	-	75	2.63E-08	1	1368.859	1.23	Malpighian tubule	3R:+:7877725-7877760	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_82298	LAILTCPFEPPKPK	AGAP008249-PA	C6(Carbamidomethyl)	61	4.18E-06	1	1610.897	-0.48	Malpighian tubule	3R:+:7876927-7876968	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_84126	EADQLSTLEQYAFR	AGAP008249-PA	-	85	4.99E-08	2	1670.807	3.18	Head	3R:+:7877491-7877532	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_84779	EHHVIESLHSK	AGAP008249-PA	-	81	1.12E-07	1	1315.672	-2.61	Head	3R:+:7877692-7877724	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_86325	DVNFELIK	AGAP008249-PA	-	44	0.000590 344	2	977.533	2.92	Salivary gland	3R:+:7876792-7876815	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_95037	KDVNFELIK	AGAP008249-PA	-	48	0.000119 482	2	1105.628	2.47	Malpighian tubule	3R:+:7876789-7876815	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_98089	SIHDALCVVR	AGAP008249-PA	C7(Carbamidomethyl)	52	6.70E-05	1	1169.612	1.83	Male reproductive organs	3R:+:7877386-7877415	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_101616	SIHDALCVVR	AGAP008249-PA	C7(Carbamidomethyl)	38	0.001794 871	2	1169.610	0.68	Midgut	3R:+:7877386-7877415	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_107380	KQQIVLATQLVK	AGAP008249-PA	-	80	9.13E-09	1	1368.855	-1.62	Salivary gland	3R:+:7877725-7877760	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_110134	KQQIVLATQLVK	AGAP008249-PA	-	80	8.17E-09	1	1368.861	2.66	Ovary	3R:+:7877725-7877760	exon=> In CDS Exon 2 of transcript AGAP008249-PA

JHU_Ag_111504	EADQLSTLEQYAFR	AGAP008249-PA	-	64	6.33E-06	2	1670.803	0.77	Male reproductive organs	3R:+:7877491-7877532	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_114093	WVGGPEIELIAIATGGR	AGAP008249-PA	-	90	5.27E-09	2	1738.958	5.07	Malpighian tubule	3R:+:7877155-7877205	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_115001	EADQLSTLEQYAFR	AGAP008249-PA	-	94	6.14E-09	2	1670.806	2.38	Ovary	3R:+:7877491-7877532	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_115678	AFSVALESIPLALAENSGLSPIETLSELK	AGAP008249-PA	-	96	6.14E-10	1	2999.659	13.39	Salivary gland	3R:+:7877533-7877619	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_116564	IVYGGGAAEISCSLAVAR	AGAP008249-PA	C12(Carbamidomethyl)	108	2.40E-10	2	1793.928	3.69	Malpighian tubule	3R:+:7877437-7877490	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_117508	LAILTCPFEPPKPK	AGAP008249-PA	C6(Carbamidomethyl)	68	8.88E-07	1	1610.900	1.49	Male reproductive organs	3R:+:7876927-7876968	exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_15200	IADGFELAAQCAVK	AGAP008249-PA,AGAP012475-PA	C11(Carbamidomethyl)	102	1.19E-09	1	1492.750	2.6	Ovary	3R:+:7876582-7876623;UNKN:-:5402159-5402118	exon=> In CDS Exon 2 of transcript AGAP008249-PA;exon=> In CDS Exon 2 of transcript AGAP012475-PA
JHU_Ag_26017	MMSLPGTFACDEYGRPFIVLRDQENQK	AGAP008249-PA,AGAP012475-PA	N-Term(Acetyl), M1(Oxidation), M2(Oxidation), C10(Carbamidomethyl)	42	0.00069778	1	3276.520	2.21	Ovary	3R:+:7875886-7875966;UNKN:-:5402864-5402784	exon=> In CDS Exon 1 of transcript AGAP008249-PA;exon=> In CDS Exon 1 of transcript AGAP012475-PA
JHU_Ag_83325	HLDTIAHPFPVSR	AGAP008249-PA,AGAP012475-PA	-	65	4.93E-06	1	1489.792	0.45	Malpighian tubule	3R:+:7876624-7876662;UNKN:-:5402117-5402079	exon=> In CDS Exon 2 of transcript AGAP008249-PA;exon=> In CDS Exon 2 of transcript AGAP012475-PA
JHU_Ag_104194	VAMTTLGSK	AGAP008249-PA,AGAP012475-PA	M3(Oxidation)	48	0.000151609	2	923.488	1.04	Ovary	3R:+:7876687-7876713;UNKN:-:5402054-5402028	exon=> In CDS Exon 2 of transcript AGAP008249-PA;exon=> In CDS Exon 2 of transcript AGAP012475-PA
JHU_Ag_106444	DNKEPLIR	AGAP008249-PA,AGAP012475-PA	-	42	0.000472414	1	984.547	-0.65	Ovary	3R:+:7876663-7876686;UNKN:-:5402078-5402055	exon=> In CDS Exon 2 of transcript AGAP008249-PA;exon=> In CDS Exon 2 of transcript AGAP012475-PA
JHU_Ag_107856	SHILAAK	AGAP008249-PA,AGAP012475-PA	-	39	0.00024549	2	739.446	0.11	Ovary	3R:+:7876291-7876311;UNKN:-:5402450-5402430	exon=> In CDS Exon 2 of transcript AGAP008249-PA;exon=> In CDS Exon 2 of transcript AGAP012475-PA
JHU_Ag_112612	HLDTIAHPFPVSR	AGAP008249-PA,AGAP012475-PA	-	86	3.75E-08	1	1489.796	3.43	Ovary	3R:+:7876624-7876662;UNKN:-:5402117-5402079	exon=> In CDS Exon 2 of transcript AGAP008249-PA;exon=> In CDS Exon 2 of transcript AGAP012475-PA
JHU_Ag_39692	YVALNTLLR	AGAP008251-PA	-	48	5.99E-05	2	1062.631	0.25	Salivary gland	3R:+:7894716-7894742	exon=> In CDS Exon 7 of transcript AGAP008251-PA
JHU_Ag_47535	GVEFAQLFR	AGAP008251-PA	-	62	7.77E-06	2	1066.568	0.1	Salivary gland	3R:+:7895944-7895970	exon=> In CDS Exon 10 of transcript AGAP008251-PA
JHU_Ag_77654	GVEFAQLFR	AGAP008251-PA	-	57	1.73E-05	2	1066.571	2.73	Male reproductive organs	3R:+:7895944-7895970	exon=> In CDS Exon 10 of transcript AGAP008251-PA
JHU_Ag_3071	FGELGGVDPVAVYAAHYDVK	AGAP008252-PA	-	41	0.001277414	1	2107.051	0.68	Midgut	3R:-:7903849-7903790	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_3353	MAAGGIHDHVFGGFAR	AGAP008252-PA	M1(Oxidation)	91	9.65E-09	1	1658.787	0.57	Head	3R:-:7904197-7904150	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_6441	FGELGGVDPVAVYAAHYDVK	AGAP008252-PA	-	73	6.70E-07	1	2107.057	3.55	Male reproductive organs	3R:-:7903849-7903790	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_7052	DAPGRSEYLATAEELVK	AGAP008252-PA	-	55	5.38E-05	1	1848.935	0.86	Male reproductive organs	3R:-:7903528-7903478	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_13237	KPSYLAVADAIYR	AGAP008252-PA	-	73	2.82E-07	1	1466.809	5.89	Malpighian tubule	3R:-:7904047-7904009	exon=> In CDS Exon 2 of transcript AGAP008252-PA

JHU_Ag_16264	VLGVVLNTLDK	AGAP008252-PA	-	52	1.82E-05	1	1170.711	1.33	Salivary gland	3R:-:7904230-7904198	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_20417	KPSYLAVADAIYR	AGAP008252-PA	-	78	1.10E-07	1	1466.799	-0.76	Head	3R:-:7904047-7904009	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_21331	SEYLATAEELVK	AGAP008252-PA	-	38	0.002013462	2	1352.695	0.77	Ovary	3R:-:7903513-7903478	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_25606	VLGVVLNTLDK	AGAP008252-PA	-	39	0.000426885	1	1170.711	1.01	Malpighian tubule	3R:-:7904230-7904198	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_26528	ANLYDVQAR	AGAP008252-PA	-	47	0.000337545	1	1049.539	1.79	Visceras	3R:-:7903468-7903442	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_39182	VLGVVLNTLDK	AGAP008252-PA	-	47	6.45E-05	2	1170.709	-0.55	Male reproductive organs	3R:-:7904230-7904198	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_44978	NTLIVVGPESPEATALVDGVR	AGAP008252-PA	-	102	3.33E-10	2	2137.153	1.33	Head	3R:-:7902864-7902802	exon=> In CDS Exon 4 of transcript AGAP008252-PA
JHU_Ag_45138	FGELGGVDPVAVYAAHYDVK	AGAP008252-PA	-	58	2.42E-05	2	2107.051	0.83	Visceras	3R:-:7903849-7903790	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_47682	NYDMVWGGSLGAPK	AGAP008252-PA	M4(Oxidation)	73	5.69E-07	2	1510.694	-3.83	Male reproductive organs	3R:-:7904335-7904294	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_52758	HGAYFYSEANSPNVAVR	AGAP008252-PA	-	73	7.05E-07	2	1881.893	2.45	Malpighian tubule	3R:-:7903185-7903135	exon=> In CDS Exon 3 of transcript AGAP008252-PA
JHU_Ag_56564	ELQDIQDELFWDTK	AGAP008252-PA	-	96	4.58E-09	1	1779.847	2	Visceras	3R:-:7903227-7903186	exon=> In CDS Exon 3 of transcript AGAP008252-PA
JHU_Ag_57525	KPSYLAVADAIYR	AGAP008252-PA	-	93	3.70E-09	1	1466.801	0.48	Male reproductive organs	3R:-:7904047-7904009	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_57619	LKEDHDGAEPCGNSVAAHNLLLLSDYFEEER	AGAP008252-PA	C11(Carbamidomethyl)	71	9.54E-07	1	3528.674	11.54	Ovary	3R:-:7903134-7903333,7902577-7902973	exon=> In CDS Exon 4 and 3 of transcript AGAP008252-PA
JHU_Ag_58027	DAPGRSEYLATAEELVK	AGAP008252-PA	-	47	0.000272607	1	1848.944	5.51	Malpighian tubule	3R:-:7903528-7903478	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_58306	VLGVVLNTLDK	AGAP008252-PA	N7(Deamidated)	28	0.007494762	1	1171.699	4.61	Ovary	3R:-:7904230-7904198	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_58315	VLGVVLNTLDK	AGAP008252-PA	-	52	2.16E-05	2	1170.711	1.74	Visceras	3R:-:7904230-7904198	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_60625	KPSYLAVADAIYR	AGAP008252-PA	-	42	0.000561522	3	1466.800	-0.34	Salivary gland	3R:-:7904047-7904009	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_65079	SEYLATAEELVK	AGAP008252-PA	-	49	0.000169412	2	1352.695	0.32	Male reproductive organs	3R:-:7903513-7903478	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_66745	ELQDIQDELFWDTK	AGAP008252-PA	-	51	0.000124657	2	1779.846	1.25	Salivary gland	3R:-:7903227-7903186	exon=> In CDS Exon 3 of transcript AGAP008252-PA
JHU_Ag_71912	ELQDIQDELFWDTK	AGAP008252-PA	-	57	3.75E-05	2	1779.848	2.28	Ovary	3R:-:7903227-7903186	exon=> In CDS Exon 3 of transcript AGAP008252-PA
JHU_Ag_72777	NILIVYGSVR	AGAP008252-PA	-	46	8.83E-05	2	1133.672	3.46	Male reproductive organs	3R:-:7903735-7903706	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_78746	FGELGGVDPVAVYAAHYDVK	AGAP008252-PA	-	51	0.000118993	1	2107.049	-0.37	Malpighian tubule	3R:-:7903849-7903790	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_85879	KPSYLAVADAIYR	AGAP008252-PA	-	48	0.000114114	2	1466.804	2.65	Visceras	3R:-:7904047-7904009	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_87522	ELQDIQDELFWDTK	AGAP008252-PA	-	62	1.11E-05	2	1779.852	4.54	Head	3R:-:7903227-7903186	exon=> In CDS Exon 3 of transcript AGAP008252-PA
JHU_Ag_90821	IDQPAHIVR	AGAP008252-PA	-	33	0.00484896	2	1048.585	-4.39	Head	3R:-:7902762-7902736	exon=> In CDS Exon 4 of transcript AGAP008252-PA
JHU_Ag_92903	HPAGGFYSGEDADSLPTAESEEK	AGAP008252-PA	-	88	9.86E-09	1	2394.040	1.47	Head	3R:-:7903987-7903919	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_93296	NTLIVVGPESPEATALVDGVR	AGAP008252-PA	-	51	4.99E-05	1	2137.151	0.41	Male reproductive organs	3R:-:7902864-7902802	exon=> In CDS Exon 4 of transcript AGAP008252-PA

JHU_Ag_96141	ELQDIQDELFWDTK	AGAP008252-PA	-	84	6.34E-08	2	1779.843	-0.12	Male reproductive organs	3R:-:7903227-7903186	exon=> In CDS Exon 3 of transcript AGAP008252-PA
JHU_Ag_97735	NTLIVVGPESPEATALVDGVR	AGAP008252-PA	-	74	2.02E-07	1	2137.157	3.04	Visceras	3R:-:7902864-7902802	exon=> In CDS Exon 4 of transcript AGAP008252-PA
JHU_Ag_100426	TGNELLHEVR	AGAP008252-PA	-	46	0.000297976	1	1167.608	-3.32	Head	3R:-:7903651-7903622	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_104973	LTEEFQPR	AGAP008252-PA	-	49	0.000246073	2	1019.520	4.66	Malpighian tubule	3R:-:7902633-7902610	exon=> In CDS Exon 4 of transcript AGAP008252-PA
JHU_Ag_106456	NTLIVVGPESPEATALVDGVR	AGAP008252-PA	-	41	0.000474447	2	2137.152	0.87	Ovary	3R:-:7902864-7902802	exon=> In CDS Exon 4 of transcript AGAP008252-PA
JHU_Ag_116077	SVIEAIRR	AGAP008252-PA	-	33	0.003178014	1	943.571	3.06	Malpighian tubule	3R:-:7904455-7904432	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_116383	FGELGGVDPVAVYAAHYDVK	AGAP008252-PA	-	78	2.47E-07	1	2107.057	3.37	Head	3R:-:7903849-7903790	exon=> In CDS Exon 2 of transcript AGAP008252-PA
JHU_Ag_21250	VDLFQLLGDQVPR	AGAP008253-PA	-	73	4.85E-07	2	1499.822	0.31	Midgut	3R:-:7908998-7908960	exon=> In CDS Exon 1 of transcript AGAP008253-PA
JHU_Ag_23047	VDLFQLLGDQVPR	AGAP008253-PA	-	96	2.21E-09	1	1499.828	4.21	Head	3R:-:7908998-7908960	exon=> In CDS Exon 1 of transcript AGAP008253-PA
JHU_Ag_30616	VDLFQLLGDQVPR	AGAP008253-PA	-	83	3.98E-08	2	1499.830	5.84	Malpighian tubule	3R:-:7908998-7908960	exon=> In CDS Exon 1 of transcript AGAP008253-PA
JHU_Ag_42840	VDLFQLLGDQVPR	AGAP008253-PA	Q10(Deamidated)	48	0.000170607	2	1500.814	5.34	Ovary	3R:-:7908998-7908960	exon=> In CDS Exon 1 of transcript AGAP008253-PA
JHU_Ag_87897	EVITNLQSQVDQVGQV	AGAP008253-PA	-	39	0.001655022	2	1756.906	-0.9	Midgut	3R:-:7908959-7908912	exon=> In CDS Exon 1 of transcript AGAP008253-PA
JHU_Ag_53361	YIDNILGELGGER	AGAP008255-PA	-	59	1.93E-05	2	1448.744	3.9	Head	3R:-:7953907-7953869	exon=> In CDS Exon 11 of transcript AGAP008255-PA
JHU_Ag_78396	DPTRPVILIGPGTGIAPFR	AGAP008255-PA	-	41	0.000150409	1	1977.129	0.38	Male reproductive organs	3R:-:7952160-7952104	exon=> In CDS Exon 15 of transcript AGAP008255-PA
JHU_Ag_101248	DPTRPVILIGPGTGIAPFR	AGAP008255-PA	-	57	2.92E-06	1	1977.132	2.14	Head	3R:-:7952160-7952104	exon=> In CDS Exon 15 of transcript AGAP008255-PA
JHU_Ag_25816	ATVLYATETGR	AGAP008255-PA,AGAP008256-PA	-	49	0.000174069	2	1181.615	-0.71	Male reproductive organs	3R:-:7959264-7959232;3R:-:7990163-7990131	exon=> In CDS Exon 9 of transcript AGAP008255-PA;exon=> In CDS Exon 2 of transcript AGAP008256-PA
JHU_Ag_28150	IWNNQIISYAGYK	AGAP008255-PA,AGAP008257-PA	-	58	1.95E-05	2	1569.805	-0.44	Male reproductive organs	3R:-:7966135-7966097;3R:-:7997518-7997480	exon=> In CDS Exon 4 of transcript AGAP008255-PA;exon=> In CDS Exon 4 of transcript AGAP008257-PA
JHU_Ag_23581	VAYGVLAER	AGAP008260-PA,AGAP008258-PA,AGAP008259-PA,AGAP013767-PA	-	43	0.000469462	2	977.545	3.8	Salivary gland	3R:+:8072565-8072591;3R:+:8062054-8062080;3R:+:8066061-8066087;3R:+:8069647-8069673	exon=> In CDS Exon 2 of transcript AGAP008260-PA;exon=> In CDS Exon 2 of transcript AGAP008258-PA;exon=> In CDS Exon 2 of transcript AGAP008259-PA;exon=> In CDS Exon 2 of transcript AGAP013767-PA
JHU_Ag_48071	ADPIVVR	AGAP008262-PA	-	30	0.004539919	1	769.457	0.26	Pupa	3R:+:8076071-8076091	exon=> In CDS Exon 1 of transcript AGAP008262-PA
JHU_Ag_92197	EFRLLK	AGAP008262-PA	-	36	0.001004116	2	805.490	-3.49	Head	3R:+:8076995-8077012	exon=> In CDS Exon 1 of transcript AGAP008262-PA
JHU_Ag_8168	NRDQFLALLDTLHEEGK	AGAP008263-PA	-	58	1.97E-05	1	1999.035	5.14	Midgut	3R:-:8079420-8079370	exon=> In CDS Exon 1 of transcript AGAP008263-PA
JHU_Ag_55644	NRDQFLALLDTLHEEGK	AGAP008263-PA	-	69	1.66E-06	1	1999.032	3.59	Ovary	3R:-:8079420-8079370	exon=> In CDS Exon 1 of transcript AGAP008263-PA
JHU_Ag_60754	DIYEDCIFNLAK	AGAP008263-PA	C6(Carbamidomethyl)	49	0.000160092	2	1500.704	0.12	Ovary	3R:-:8079732-8079697	exon=> In CDS Exon 1 of transcript AGAP008263-PA

JHU_Ag_109170	VAAEQAAAEAAK	AGAP008263-PA	-	62	7.64E-06	2	1129.588	2.84	Head	3R:-:8080443-8080408	exon=> In CDS Exon 1 of transcript AGAP008263-PA
JHU_Ag_109	VVNIVSGALNHAASK	AGAP008265-PA	-	94	2.02E-09	1	1479.829	0.7	Ovary	3R:-:8085864-8085820	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_1137	TLIDAAVVENEQQMK	AGAP008265-PA	-	63	8.28E-06	2	1688.862	5.65	Malpighian tubule	3R:-:8086623-8086579	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_2407	VEQFVLTSPHDNK	AGAP008265-PA	-	98	2.61E-09	1	1513.764	-0.09	Ovary	3R:-:8085975-8085937	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_2440	EPQGDESEPLPQSVQDQLR	AGAP008265-PA	-	74	6.23E-07	2	2152.020	2.29	Head	3R:-:8086737-8086681	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_3085	YAGLSTCFRQEVGSHGR	AGAP008265-PA	C7(Carbamidomethyl)	41	0.001237917	1	1924.911	1.13	Malpighian tubule	3R:-:8086065-8086015	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_3563	DYTPLYTPFFMR	AGAP008265-PA	M11(Oxidation)	56	3.67E-05	1	1550.737	1.45	Ovary	3R:-:8086293-8086258	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_5576	VPEVLQK	AGAP008265-PA	-	35	0.001505545	1	812.489	1.05	Head	3R:-:8085528-8085508	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_5693	VPEVLQK	AGAP008265-PA	-	35	0.001332778	1	812.487	-1.22	Salivary gland	3R:-:8085528-8085508	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_7602	EVMQEVAQLSQFDEELYKVVGK	AGAP008265-PA	M3(Oxidation)	82	8.10E-08	1	2585.291	3.93	Ovary	3R:-:8086254-8086189	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_8963	YREEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	158	1.28E-15	1	2571.354	3.5	Ovary	3R:-:8085492-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_9683	DVALVETVIEQDK	AGAP008265-PA	-	108	2.09E-10	2	1458.771	1.7	Head	3R:-:8086866-8086828	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_14125	VICAILETHQTETGVKVPEVLQK	AGAP008265-PA	C3(Carbamidomethyl)	77	6.63E-08	1	2592.419	4.94	Salivary gland	3R:-:8085639-8086950,8085376-8085508	exon=> In CDS Exon 2 and 1 of transcript AGAP008265-PA
JHU_Ag_14735	ELTVNQIKK	AGAP008265-PA	-	47	0.000169361	1	1072.637	0.71	Head	3R:-:8086656-8086630	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_16372	EVMQEVAQLSQFDEELYK	AGAP008265-PA	M3(Oxidation)	86	3.44E-08	1	2202.028	0.2	Ovary	3R:-:8086254-8086201	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_18062	KEPQGDESEPLPQSVQDQLR	AGAP008265-PA	-	102	1.10E-09	1	2280.113	1.22	Ovary	3R:-:8086740-8086681	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_19569	EVGNHLHESVPVSNDEDENRVER	AGAP008265-PA	-	145	4.35E-14	1	2660.226	-1.44	Head	3R:-:8086545-8086477	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_20400	VLDLDLFR	AGAP008265-PA	-	64	3.04E-06	1	990.562	0.52	Visceras	3R:-:8086947-8086924	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_21592	VEQFVLTSPHDNK	AGAP008265-PA	-	106	2.90E-10	1	1513.773	5.55	Head	3R:-:8085975-8085937	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_24749	YLIATSEQPIAAYHRDEWIPEASLPIK	AGAP008265-PA	-	111	5.96E-11	1	3111.616	0.16	Visceras	3R:-:8086146-8086066	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_24785	VVNIVSGALNHAASK	AGAP008265-PA	-	83	2.72E-08	1	1479.830	1.69	Pupa	3R:-:8085864-8085820	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_26931	EVGNHLHESVPVSNDEDENRVER	AGAP008265-PA	-	130	1.22E-12	1	2660.231	0.69	Malpighian tubule	3R:-:8086545-8086477	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_30395	YAGLSTCFR	AGAP008265-PA	C7(Carbamidomethyl)	41	0.000698927	1	1074.506	1.8	Head	3R:-:8086065-8086039	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_30888	EPQGDESEPLPQSVQDQLR	AGAP008265-PA	-	45	0.000516434	2	2152.025	4.67	Salivary gland	3R:-:8086737-8086681	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_32095	EVMQEVAQLSQFDEELYK	AGAP008265-PA	Q4(Deamidated),M3(Oxidation),Q8(Deamidated)	86	2.94E-08	1	2186.034	0.58	Head	3R:-:8086254-8086201	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_32597	KLDLEAWFAGSGAFR	AGAP008265-PA	-	41	0.001220791	3	1667.853	-0.92	Midgut	3R:-:8085819-8085775	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_40136	VLDLDLFR	AGAP008265-PA	-	67	1.36E-06	2	990.566	4.28	Ovary	3R:-:8086947-8086924	exon=> In CDS Exon 1 of transcript AGAP008265-PA

JHU_Ag_40356	VLDLDLFR	AGAP008265-PA	-	64	2.83E-06	1	990.564	2.31	Malpighian tubule	3R:-:8086947-8086924	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_41472	EVGNHLHESVPVSNDEDENRVER	AGAP008265-PA	N4(Deamidated)	115	3.95E-11	1	2660.232	1.04	Ovary	3R:-:8086545-8086477	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_41966	DEWIPEASLPIK	AGAP008265-PA	-	58	1.90E-05	2	1397.735	2.84	Salivary gland	3R:-:8086101-8086066	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_42274	VLDLDLFR	AGAP008265-PA	-	52	4.84E-05	2	990.565	2.92	Head	3R:-:8086947-8086924	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_43385	AEDGTATDEKYLIATSEQPIAAYHR	AGAP008265-PA	-	142	8.74E-14	1	2750.335	3.13	Head	3R:-:8086176-8086102	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_44174	VPEVLQK	AGAP008265-PA	-	43	0.000224747	1	812.487	-0.54	Visceras	3R:-:8085528-8085508	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_46304	YAGLSTCFR	AGAP008265-PA	C7(Carbamidomethyl)	47	0.000212435	1	1074.503	-0.58	Ovary	3R:-:8086065-8086039	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_46893	DYTPLYTPFFMR	AGAP008265-PA	M11(Oxidation)	56	3.76E-05	1	1550.745	6.41	Malpighian tubule	3R:-:8086293-8086258	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_47385	EVMQEVAQLSQFDEELYKVVGK	AGAP008265-PA	M3(Oxidation)	71	1.02E-06	1	2585.289	3.22	Malpighian tubule	3R:-:8086254-8086189	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_48788	YLIATSEQPIAAYHRDEWIPEASLPIK	AGAP008265-PA	-	124	2.23E-12	1	3111.627	3.69	Ovary	3R:-:8086146-8086066	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_49470	TLIDAAVVENEQQMK	AGAP008265-PA	M14(Oxidation)	105	5.50E-10	2	1704.853	3.28	Head	3R:-:8086623-8086579	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_49620	ELVSCSNCLDYQAR	AGAP008265-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	84	3.62E-08	2	1714.754	0.91	Ovary	3R:-:8085774-8085733	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_49716	EEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	123	4.18E-12	1	2252.193	5.33	Head	3R:-:8085486-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_51168	YREEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	161	5.89E-16	1	2571.351	2.29	Head	3R:-:8085492-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_52131	VPEVLQK	AGAP008265-PA	-	30	0.002973718	1	812.485	-2.87	Malpighian tubule	3R:-:8085528-8085508	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_53536	YLIATSEQPIAAYHR	AGAP008265-PA	-	90	1.37E-08	1	1732.901	-0.55	Ovary	3R:-:8086146-8086102	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_53633	YREEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	104	3.19E-10	1	2571.349	1.51	Visceras	3R:-:8085492-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_53881	YLIATSEQPIAAYHR	AGAP008265-PA	-	91	1.16E-08	1	1732.902	-0.12	Malpighian tubule	3R:-:8086146-8086102	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_54857	VVNIVSGALNHAASK	AGAP008265-PA	-	102	3.08E-10	1	1479.831	2.27	Malpighian tubule	3R:-:8085864-8085820	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_57321	YLIATSEQPIAAYHR	AGAP008265-PA	-	129	1.76E-12	1	1732.909	3.97	Head	3R:-:8086146-8086102	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_59408	VICAILETHQTETGVK	AGAP008265-PA	C3(Carbamidomethyl)	49	0.000186929	1	1798.934	-1.64	Midgut	3R:-:8085639-8085592	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_61760	YREEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	41	0.000650757	1	2571.346	0.23	Male reproductive organs	3R:-:8085492-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_64484	YREEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	181	6.82E-18	1	2571.353	3.07	Malpighian tubule	3R:-:8085492-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_65823	VLDLDLFR	AGAP008265-PA	-	61	7.09E-06	2	990.562	0.46	Male reproductive organs	3R:-:8086947-8086924	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_65871	KEPQGDESEPLPQSVQDQLR	AGAP008265-PA	-	84	5.98E-08	1	2280.113	1.3	Head	3R:-:8086740-8086681	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_69623	VVNIVSGALNHAASK	AGAP008265-PA	-	101	5.13E-10	1	1479.825	-1.69	Visceras	3R:-:8085864-8085820	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_71909	DVALVETVIEQDK	AGAP008265-PA	-	93	6.65E-09	2	1458.776	5.21	Midgut	3R:-:8086866-8086828	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_77198	YREEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	108	1.21E-10	1	2571.347	0.62	Pupa	3R:-:8085492-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA

JHU_Ag_78701	DEWIPEASLPIK	AGAP008265-PA	-	39	0.001248312	2	1397.739	5.46	Pupa	3R:-:8086101-8086066	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_79223	ELVSCSNCLDYQAR	AGAP008265-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	96	2.44E-09	1	1714.757	2.76	Head	3R:-:8085774-8085733	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_79325	VLDLDLFR	AGAP008265-PA	-	62	4.99E-06	2	990.565	3.17	Salivary gland	3R:-:8086947-8086924	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_79700	ELTVNQIK	AGAP008265-PA	-	40	0.001407075	2	944.542	0.67	Ovary	3R:-:8086656-8086633	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_80715	DYTPLYTPFFMRK	AGAP008265-PA	M11(Oxidation)	47	0.000319542	1	1694.829	2.31	Ovary	3R:-:8086293-8086255	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_81739	EVGNHLHESVPVSNDEDENRVER	AGAP008265-PA	-	42	0.000810937	1	2660.222	-2.85	Midgut	3R:-:8086545-8086477	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_82288	GYFLTGPAVFLEQALIQHALHSLYAK	AGAP008265-PA	-	79	5.98E-08	1	2887.554	1.04	Ovary	3R:-:8086371-8086294	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_82768	VVNIVSGALNHAASK	AGAP008265-PA	-	96	1.26E-09	1	1479.832	2.68	Male reproductive organs	3R:-:8085864-8085820	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_82923	YLIATSEQPIAAYHRDEWIPEASLPIK	AGAP008265-PA	-	69	7.17E-07	1	3111.627	3.69	Head	3R:-:8086146-8086066	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_84674	TLIDAAVVENEQQMK	AGAP008265-PA	M14(Oxidation)	133	8.74E-13	1	1704.846	-1.09	Ovary	3R:-:8086623-8086579	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_88125	DEWIPEASLPIK	AGAP008265-PA	-	58	2.07E-05	1	1397.734	2.23	Visceras	3R:-:8086101-8086066	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_88664	VICAILETHQTETGVKVPEVLQK	AGAP008265-PA	C3(Carbamidomethyl)	139	4.08E-14	1	2592.413	2.61	Malpighian tubule	3R:-:8085639-8086950,8085376-8085508	exon=> In CDS Exon 2 and 1 of transcript AGAP008265-PA
JHU_Ag_93479	ELVSCSNCLDYQAR	AGAP008265-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	86	2.06E-08	1	1714.753	0.27	Male reproductive organs	3R:-:8085774-8085733	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_94884	VICAILETHQTETGVK	AGAP008265-PA	C3(Carbamidomethyl)	90	1.31E-08	1	1798.941	2.09	Head	3R:-:8085639-8085592	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_95201	VICAILETHQTETGVKVPEVLQK	AGAP008265-PA	C3(Carbamidomethyl)	143	1.57E-14	1	2592.415	3.17	Head	3R:-:8085639-8086950,8085376-8085508	exon=> In CDS Exon 2 and 1 of transcript AGAP008265-PA
JHU_Ag_96427	VLDLDLFR	AGAP008265-PA	-	67	1.48E-06	2	990.564	1.75	Pupa	3R:-:8086947-8086924	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_97892	ELVSCSNCLDYQAR	AGAP008265-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	96	2.31E-09	1	1714.754	1.05	Visceras	3R:-:8085774-8085733	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_99280	VEQFVLTSPHDNK	AGAP008265-PA	-	83	6.82E-08	1	1513.763	-1.22	Visceras	3R:-:8085975-8085937	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_101548	DEWIPEASLPIK	AGAP008265-PA	-	66	2.78E-06	2	1397.735	3.02	Head	3R:-:8086101-8086066	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_102291	VPEVLQK	AGAP008265-PA	-	38	0.000677164	2	812.489	1.11	Ovary	3R:-:8085528-8085508	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_103527	DYTPLYTPFFMR	AGAP008265-PA	-	50	0.000185694	2	1550.741	4.13	Head	3R:-:8086293-8086258	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_103600	EVGNHLHESVPVSNDEDENR	AGAP008265-PA	-	103	5.24E-10	1	2276.021	1.66	Head	3R:-:8086545-8086486	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_103696	VICAILETHQTETGVKVPEVLQK	AGAP008265-PA	C3(Carbamidomethyl)	50	3.21E-05	1	2592.413	2.54	Visceras	3R:-:8085639-8086950,8085376-8085508	exon=> In CDS Exon 2 and 1 of transcript AGAP008265-PA
JHU_Ag_104465	VVNIVSGALNHAASK	AGAP008265-PA	-	101	4.06E-10	1	1479.830	1.61	Head	3R:-:8085864-8085820	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_106617	VICAILETHQTETGVK	AGAP008265-PA	C3(Carbamidomethyl)	62	6.60E-06	2	1798.963	14.71	Ovary	3R:-:8085639-8085592	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_108018	TLIDAAVVENEQQMKEVEAK	AGAP008265-PA	M14(Oxidation)	67	2.81E-06	1	2261.138	1.98	Malpighian tubule	3R:-:8086623-8086564	exon=> In CDS Exon 1 of transcript AGAP008265-PA

JHU_Ag_109955	AEDGTATDEKYLIATSEQPIAAYHR	AGAP008265-PA	-	70	1.39E-06	1	2750.339	4.39	Ovary	3R:-:8086176-8086102	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_110568	YREEIPFVKPAPIDVEQAAAEAK	AGAP008265-PA	-	109	1.05E-10	1	2571.357	4.43	Salivary gland	3R:-:8085492-8085424	exon=> In CDS Exon 2 of transcript AGAP008265-PA
JHU_Ag_111311	VVNIVSGALNHAASK	AGAP008265-PA	-	75	2.15E-07	1	1479.827	-0.54	Salivary gland	3R:-:8085864-8085820	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_112629	EVGNHLHESVPVSNDEDENR	AGAP008265-PA	-	51	9.87E-05	1	2276.029	4.88	Salivary gland	3R:-:8086545-8086486	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_114615	VICAILETHQTETGVKVPEVLQK	AGAP008265-PA	C3(Carbamidomethyl)	154	1.34E-15	1	2592.416	3.67	Ovary	3R:-:8085639-8086950,8085376-8085508	exon=> In CDS Exon 2 and 1 of transcript AGAP008265-PA
JHU_Ag_115141	ELVSCSNCLDYQAR	AGAP008265-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	77	1.83E-07	2	1714.757	2.41	Malpighian tubule	3R:-:8085774-8085733	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_116118	YLIATSEQPIAAYHR	AGAP008265-PA	-	75	3.99E-07	2	1732.906	2.42	Visceras	3R:-:8086146-8086102	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_116682	ELVSCSNCLDYQAR	AGAP008265-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	102	5.68E-10	1	1714.752	-0.23	Salivary gland	3R:-:8085774-8085733	exon=> In CDS Exon 1 of transcript AGAP008265-PA
JHU_Ag_9806	ALLEGHTASR	AGAP008267-PA	-	43	0.000493482	2	1054.565	0.68	Ovary	3R:-:8098309-8098280	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_16363	SFRPNYNVQNCQR	AGAP008267-PA	C11(Carbamidomethyl)	43	0.00068783	1	1682.781	-0.5	Malpighian tubule	3R:-:8097121-8097083	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_17045	LNNCGLGIEGGTMLAK	AGAP008267-PA	C4(Carbamidomethyl), M13(Oxidation)	97	3.49E-09	1	1663.818	2.17	Midgut	3R:-:8098357-8098310	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_18992	NFLLIQLGLLK	AGAP008267-PA	-	80	2.77E-09	1	1271.816	5.67	Ovary	3R:-:8097166-8097134	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_21238	GAAALSVAVQDLHHLR	AGAP008267-PA	-	72	5.67E-07	1	1657.917	2.04	Salivary gland	3R:-:8098048-8098001	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_21448	ILNLNDNTIGPK	AGAP008267-PA	-	58	1.22E-05	2	1311.731	2.96	Malpighian tubule	3R:-:8098084-8098049	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_22354	ALLEGHTASR	AGAP008267-PA	-	73	4.99E-07	1	1054.566	2.07	Malpighian tubule	3R:-:8098309-8098280	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_27417	MKEEIPIALK	AGAP008267-PA	-	34	0.002939691	2	1171.676	0.32	Ovary	3R:-:8098596-8098567	exon=> In CDS Exon 2 of transcript AGAP008267-PA
JHU_Ag_35273	GAAALSVAVQDLHHLR	AGAP008267-PA	-	60	9.83E-06	1	1657.913	0.05	Midgut	3R:-:8098048-8098001	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_39643	FLNLEGNTLGVEAAK	AGAP008267-PA	-	87	2.49E-08	2	1575.844	4.05	Malpighian tubule	3R:-:8098713-8098669	exon=> In CDS Exon 2 of transcript AGAP008267-PA
JHU_Ag_39757	AIPQEDYLVHTAFTILK	AGAP008267-PA	-	49	7.94E-05	1	1959.061	1.11	Ovary	3R:-:8097325-8097275	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_44971	GAAALSVAVQDLHHLR	AGAP008267-PA	-	61	5.95E-06	1	1657.922	5.24	Ovary	3R:-:8098048-8098001	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_45581	KVGKPLALK	AGAP008267-PA	-	29	0.000730067	2	953.652	1.74	Malpighian tubule	3R:-:8098279-8098253	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_47629	ILNLNDNTIGPK	AGAP008267-PA	-	52	4.56E-05	2	1311.726	-0.29	Midgut	3R:-:8098084-8098049	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_55231	VGKPLALKVFIAGR	AGAP008267-PA	-	39	2.73E-05	1	1468.940	2.4	Malpighian tubule	3R:-:8098276-8098235	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_55949	LNNCGLGIEGGTMLAK	AGAP008267-PA	C4(Carbamidomethyl), M13(Oxidation),C4(Carbamidomethyl)	43	0.001021018	1	1647.822	1.33	Ovary	3R:-:8098357-8098310	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_63187	GAAALSVAVQDLHHLR	AGAP008267-PA	-	96	2.21E-09	1	1657.916	1.86	Head	3R:-:8098048-8098001	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_76182	ILNLNDNTIGPK	AGAP008267-PA	-	63	3.21E-06	1	1311.729	1.94	Ovary	3R:-:8098084-8098049	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_76497	ILNLNDNTIGPK	AGAP008267-PA	-	46	0.000199215	1	1311.732	4.08	Salivary gland	3R:-:8098084-8098049	exon=> In CDS Exon 3 of transcript AGAP008267-PA

JHU_Ag_77376	FLNLEGNTLGVEAAK	AGAP008267-PA	-	85	3.46E-08	1	1575.844	3.9	Head	3R:-:8098713-8098669	exon=> In CDS Exon 2 of transcript AGAP008267-PA
JHU_Ag_79068	SFRPNYNVQNCQR	AGAP008267-PA	C11(Carbamidomethyl)	61	9.97E-06	1	1682.781	-0.57	Head	3R:-:8097121-8097083	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_79607	FLNLEGNTLGVEAAK	AGAP008267-PA	-	111	1.04E-10	1	1575.840	1.18	Ovary	3R:-:8098713-8098669	exon=> In CDS Exon 2 of transcript AGAP008267-PA
JHU_Ag_83136	SATCYTLEQLKLNNCGLGIEGGTMLAK	AGAP008267-PA	C4(Carbamidomethyl), C15(Carbamidomethyl), M24(Oxidation)	37	0.003205115	1	2958.438	0.42	Malpighian tubule	3R:-:8098458-8098757,8096999-8098310	exon=> In CDS Exon 3 and 2 of transcript AGAP008267-PA
JHU_Ag_91507	ILNLNDNTIGPK	AGAP008267-PA	-	34	0.002768999	2	1311.732	3.89	Pupa	3R:-:8098084-8098049	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_95435	DLIDAINACK	AGAP008267-PA	C9(Carbamidomethyl)	54	5.37E-05	2	1132.567	0.17	Ovary	3R:-:8098752-8098723	exon=> In CDS Exon 2 of transcript AGAP008267-PA
JHU_Ag_100389	NRLENAGAK	AGAP008267-PA	-	51	0.000111773	2	972.522	0.16	Ovary	3R:-:8098234-8098208	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_102065	ILNLNDNTIGPK	AGAP008267-PA	-	50	7.83E-05	2	1311.727	0.08	Male reproductive organs	3R:-:8098084-8098049	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_105511	VAAFRDYLK	AGAP008267-PA	-	35	0.002274644	1	1082.602	2.88	Malpighian tubule	3R:-:8097352-8097326	exon=> In CDS Exon 3 of transcript AGAP008267-PA
JHU_Ag_114459	SATCYTLEQLK	AGAP008267-PA	C4(Carbamidomethyl)	41	0.000892864	2	1313.640	-0.61	Midgut	3R:-:8098458-8098757,8096999-8098358	exon=> In CDS Exon 3 and 2 of transcript AGAP008267-PA
JHU_Ag_1648	ICHVDNPSQLFIQLESDLR	AGAP008268-PA	C2(Carbamidomethyl)	86	3.24E-08	1	2284.154	6.47	Midgut	3R:+:8105547-8105585,8105663-8105680	exon=> In CDS Exon 6 and 7 of transcript AGAP008268-PA
JHU_Ag_4800	LFTPGGVNVEDLLR	AGAP008268-PA	-	103	5.57E-10	1	1529.839	4.16	Ovary	3R:+:8107295-8107336	exon=> In CDS Exon 7 of transcript AGAP008268-PA
JHU_Ag_16837	TDGCDSTLSADDTVAELR	AGAP008268-PA	C4(Carbamidomethyl)	38	0.001212868	2	1925.846	3.43	Ovary	3R:+:8104644-8104697	exon=> In CDS Exon 5 of transcript AGAP008268-PA
JHU_Ag_24506	SNQQLHQQQLQQQQSTGGGK	AGAP008268-PA	-	75	5.03E-07	1	2223.086	0.02	Male reproductive organs	3R:+:8103970-8104029	exon=> In CDS Exon 4 of transcript AGAP008268-PA
JHU_Ag_33618	TIVNLLDESESPVLNVSK	AGAP008268-PA	-	40	0.00100097	2	1957.049	-0.14	Male reproductive organs	3R:+:8102287-8102340	exon=> In CDS Exon 1 of transcript AGAP008268-PA
JHU_Ag_35672	IVSLQDIEK	AGAP008268-PA	-	48	0.000182141	1	1044.597	3.46	Ovary	3R:+:8105109-8105135	exon=> In CDS Exon 6 of transcript AGAP008268-PA
JHU_Ag_38171	TIVNLLDESESPVLNVSK	AGAP008268-PA	-	126	1.94E-12	1	1957.055	3.11	Ovary	3R:+:8102287-8102340	exon=> In CDS Exon 1 of transcript AGAP008268-PA
JHU_Ag_42208	QLVADLDYETILNQR	AGAP008268-PA	-	61	8.68E-06	2	1790.937	4.78	Malpighian tubule	3R:+:8105418-8105462	exon=> In CDS Exon 6 of transcript AGAP008268-PA
JHU_Ag_42670	RLEDVNADVAGIFSR	AGAP008268-PA	-	68	2.11E-06	1	1661.868	4.7	Ovary	3R:+:8101618-8101662	exon=> In CDS Exon 1 of transcript AGAP008268-PA
JHU_Ag_46884	VAATGAATIAPAGAR	AGAP008268-PA	-	51	5.59E-05	1	1297.724	1.49	Male reproductive organs	3R:+:8102777-8102821	exon=> In CDS Exon 2 of transcript AGAP008268-PA
JHU_Ag_49195	LADELYEFYEK	AGAP008268-PA	-	61	1.29E-05	2	1419.670	1.73	Ovary	3R:+:8104986-8105018	exon=> In CDS Exon 6 of transcript AGAP008268-PA
JHU_Ag_57342	ICHVDNPSQLFIQLESDLR	AGAP008268-PA	C2(Carbamidomethyl)	91	9.53E-09	1	2284.151	5.02	Ovary	3R:+:8105547-8105585,8105663-8105680	exon=> In CDS Exon 6 and 7 of transcript AGAP008268-PA
JHU_Ag_62784	VHVSHVNSPAEFFIQFNNSFDALR	AGAP008268-PA	-	88	2.14E-08	1	2775.383	6.9	Ovary	3R:+:8106809-8106880	exon=> In CDS Exon 7 of transcript AGAP008268-PA
JHU_Ag_65140	NIVDQLVALCEK	AGAP008268-PA	C10(Carbamidomethyl)	48	0.000277077	2	1401.739	-1.25	Male reproductive organs	3R:+:8106680-8106715	exon=> In CDS Exon 7 of transcript AGAP008268-PA
JHU_Ag_69011	SEISELTGSYELSLK	AGAP008268-PA	-	46	0.000352221	2	1655.848	6.54	Ovary	3R:+:8105292-8105336	exon=> In CDS Exon 6 of transcript AGAP008268-PA
JHU_Ag_82775	VQVLAIPKPGEYEVQFIDYGNR	AGAP008268-PA	-	63	3.04E-06	1	2535.339	5.69	Ovary	3R:+:8106392-8106457	exon=> In CDS Exon 7 of transcript AGAP008268-PA

JHU_Ag_88741	VAATGAATIAPAGAR	AGAP008268-PA	-	37	0.001450471	1	1297.725	1.67	Ovary	3R:+:8102777-8102821	exon=> In CDS Exon 2 of transcript AGAP008268-PA
JHU_Ag_94934	LALSANDLWLVER	AGAP008268-PA	-	106	2.17E-10	2	1499.823	0.88	Ovary	3R:+:8104165-8104203	exon=> In CDS Exon 4 of transcript AGAP008268-PA
JHU_Ag_98519	LADELYEFYEK	AGAP008268-PA	-	66	4.17E-06	2	1419.670	1.3	Male reproductive organs	3R:+:8104986-8105018	exon=> In CDS Exon 6 of transcript AGAP008268-PA
JHU_Ag_102656	VAATGAATIAPAGAR	AGAP008268-PA	-	73	3.80E-07	1	1297.728	4.4	Malpighian tubule	3R:+:8102777-8102821	exon=> In CDS Exon 2 of transcript AGAP008268-PA
JHU_Ag_108807	ALITALGQDGNCTVSFVDYGHSETVHPGSLFEIPPEFLR	AGAP008268-PA	C12(Carbamidomethyl)	63	4.36E-06	1	4274.123	8.48	Ovary	3R:+:8101459-8101575	exon=> In CDS Exon 1 of transcript AGAP008268-PA
JHU_Ag_116532	NIVDQLVALCEK	AGAP008268-PA	C10(Carbamidomethyl)	47	0.00036358	2	1401.740	-0.47	Ovary	3R:+:8106680-8106715	exon=> In CDS Exon 7 of transcript AGAP008268-PA
JHU_Ag_56926	DVIIK	AGAP008270-PA	-	39	0.000844096	1	587.377	1.6	Salivary gland	3R:+:8122599-8122613	exon=> In CDS Exon 2 of transcript AGAP008270-PA
JHU_Ag_111512	AAVTFEKPLQHLSLADWHSR	AGAP008275-PA	-	96	2.39E-09	1	2306.204	-0.16	Male reproductive organs	3R:-:8466083-8466024	exon=> In CDS Exon 1 of transcript AGAP008275-PA
JHU_Ag_61987	VDSCQGDSGGPLIVNAK	AGAP008276-PA	C4(Carbamidomethyl)	137	2.88E-13	1	1716.823	0.7	Male reproductive organs	3R:-:8489323-8489273	exon=> In CDS Exon 1 of transcript AGAP008276-PA
JHU_Ag_61997	VDIEQVPYQAAILTLGQVHCGGSIIGPR	AGAP008276-PA	C20(Carbamidomethyl)	140	6.94E-14	1	2991.586	4.77	Male reproductive organs	3R:-:8489812-8489729	exon=> In CDS Exon 1 of transcript AGAP008276-PA
JHU_Ag_74766	EGKVDSCQGDSGGPLIVNAK	AGAP008276-PA	C7(Carbamidomethyl)	153	9.07E-15	1	2030.988	3.36	Male reproductive organs	3R:-:8489332-8489273	exon=> In CDS Exon 1 of transcript AGAP008276-PA
JHU_Ag_84292	DDSATNMIVGGMK	AGAP008276-PA	M7(Oxidation), M12(Oxidation)	78	1.20E-07	1	1370.594	1.13	Male reproductive organs	3R:-:8489851-8489813	exon=> In CDS Exon 1 of transcript AGAP008276-PA
JHU_Ag_91632	EFMLCAGFK	AGAP008276-PA	M3(Oxidation), C5(Carbamidomethyl)	51	4.70E-05	1	1118.502	0.69	Male reproductive organs	3R:-:8489359-8489333	exon=> In CDS Exon 1 of transcript AGAP008276-PA
JHU_Ag_95423	VLPWDYCQQAYPYLMR	AGAP008276-PA	C7(Carbamidomethyl), M15(Oxidation),C7(Carbamidomethyl)	91	1.25E-08	1	2118.981	1.47	Male reproductive organs	3R:-:8489407-8489360	exon=> In CDS Exon 1 of transcript AGAP008276-PA
JHU_Ag_96148	ASDNILK	AGAP008276-PA	-	48	0.00033278	2	760.420	-0.42	Male reproductive organs	3R:-:8489443-8489423	exon=> In CDS Exon 1 of transcript AGAP008276-PA
JHU_Ag_392	LRDYELADSAEFR	AGAP008278-PA	-	65	5.10E-06	1	1584.763	-1.17	Head	3R:+:8544759-8544797	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_1232	ALDPEEAWYVYER	AGAP008278-PA	-	100	1.43E-09	1	1640.764	2.77	Salivary gland	3R:+:8544182-8544220	exon=> In CDS Exon 2 of transcript AGAP008278-PA
JHU_Ag_6040	IYEAKPEIK	AGAP008278-PA	-	39	0.001181058	1	1090.613	-1.37	Head	3R:+:8544657-8544683	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_20874	SVLASCTGTQAYDYYSCLLNSPVK	AGAP008278-PA	C6(Carbamidomethyl), C17(Carbamidomethyl)	183	7.73E-18	1	2697.262	3.23	Salivary gland	3R:+:8544977-8545048	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_28544	SFTEVESSK	AGAP008278-PA	-	61	6.70E-06	2	1013.479	0.54	Salivary gland	3R:+:8544483-8544509	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_32438	VNELQQALSSLNAGSGSCAEVFNAYLPVHNK	AGAP008278-PA	Q6(Deamidated), C18(Carbamidomethyl),"C18(Carbamidomethyl), N23(Deamidated)",C18(Carbamidomethyl),"N12(Deamidated), C18(Carbamidomethyl)"	235	4.44E-23	1	3317.626	1.21	Salivary gland	3R:+:8544510-8544602	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_33428	QEESFFAYCAK	AGAP008278-PA	C9(Carbamidomethyl)	74	1.93E-07	1	1379.594	0.35	Salivary gland	3R:+:8544687-8544719	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_36084	DFNLINK	AGAP008278-PA	-	51	0.000115484	2	863.463	0.52	Salivary gland	3R:+:8544932-8544952	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_36098	DYELADSAEFR	AGAP008278-PA	-	102	4.06E-10	1	1315.584	2.59	Salivary gland	3R:+:8544765-8544797	exon=> In CDS Exon 3 of transcript AGAP008278-PA

JHU_Ag_37326	IYEAKPEIK	AGAP008278-PA	-	53	5.06E-05	1	1090.616	1.21	Salivary gland	3R:+:8544657-8544683	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_40706	SVLASCTGTQAYDYYSCLLNSPVKEDFR	AGAP008278-PA	C6(Carbamidomethyl), C17(Carbamidomethyl)	141	8.75E-14	1	3244.491	-0.45	Salivary gland	3R:+:8544977-8545060	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_41752	CTLAGLQMYDEKTNTFKPETVPVQHEAYK	AGAP008278-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M8(Oxidation)"	140	1.30E-13	1	3414.634	-0.19	Salivary gland	3R:+:8544329-8544379,8544447-8544482	exon=> In CDS Exon 2 and 3 of transcript AGAP008278-PA
JHU_Ag_46194	SDLEPEVR	AGAP008278-PA	-	50	7.58E-05	1	944.469	0.55	Salivary gland	3R:+:8544953-8544976	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_46862	VDEVVR	AGAP008278-PA	-	46	0.000489491	2	716.394	0.45	Salivary gland	3R:+:8544914-8544931	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_50294	IYHGTVDSVAK	AGAP008278-PA	-	73	9.60E-07	1	1189.622	0.36	Salivary gland	3R:+:8544624-8544656	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_51964	YMDDSGLKVDEVVR	AGAP008278-PA	M2(Oxidation)	132	9.38E-13	1	1625.785	0.57	Salivary gland	3R:+:8544831-8544854,8544914-8544931	exon=> In CDS Exon 3 and 4 of transcript AGAP008278-PA
JHU_Ag_55213	KQEESFFAYCAK	AGAP008278-PA	C10(Carbamidomethyl)	89	1.38E-08	1	1507.687	-0.97	Head	3R:+:8544684-8544719	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_55506	FWKLEPNDAVTHCYVK	AGAP008278-PA	C13(Carbamidomethyl)	99	2.42E-09	1	2006.979	-0.22	Salivary gland	3R:+:8544281-8544328	exon=> In CDS Exon 2 of transcript AGAP008278-PA
JHU_Ag_55768	DFNLINKSDLEPEVR	AGAP008278-PA	-	122	9.70E-12	1	1788.916	1.79	Salivary gland	3R:+:8544932-8544976	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_56835	VYEGPEK	AGAP008278-PA	-	41	0.00144437	1	821.406	2.9	Salivary gland	3R:+:8545121-8545141	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_60060	TNTFKPETVPVQHEAYK	AGAP008278-PA	-	106	3.77E-10	1	1989.012	2.02	Head	3R:+:8544365-8544379,8544447-8544482	exon=> In CDS Exon 2 and 3 of transcript AGAP008278-PA
JHU_Ag_61696	KQEESFFAYCAK	AGAP008278-PA	C10(Carbamidomethyl)	100	9.26E-10	1	1507.688	-0.73	Salivary gland	3R:+:8544684-8544719	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_62482	NAMDCVFR	AGAP008278-PA	N1(Deamidated), C5(Carbamidomethyl),"M3(Oxidation), C5(Carbamidomethyl)",C5(Carbamidomethyl)	60	5.10E-06	2	1012.435	0.84	Salivary gland	3R:+:8544798-8544821	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_63811	NAFYFHELR	AGAP008278-PA	-	52	8.30E-05	1	1196.585	0.11	Head	3R:+:8545061-8545087	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_65651	NAFYFHELR	AGAP008278-PA	N1(Deamidated)	65	3.98E-06	1	1197.565	-2.95	Salivary gland	3R:+:8545061-8545087	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_74435	VDEVVRDFNLINK	AGAP008278-PA	-	55	3.65E-05	2	1560.846	4.82	Salivary gland	3R:+:8544914-8544952	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_76716	LEPNDAVTHCYVK	AGAP008278-PA	N4(Deamidated), C10(Carbamidomethyl),C10(Carbamidomethyl)	87	2.41E-08	1	1545.739	1.71	Salivary gland	3R:+:8544290-8544328	exon=> In CDS Exon 2 of transcript AGAP008278-PA
JHU_Ag_78541	LEPNDAVTHCYVK	AGAP008278-PA	C10(Carbamidomethyl)	63	5.84E-06	1	1545.737	-0.02	Head	3R:+:8544290-8544328	exon=> In CDS Exon 2 of transcript AGAP008278-PA
JHU_Ag_79217	SFTEVESSKVNELQQALSSLNAGSGSCAEVFNAYLPVHNK	AGAP008278-PA	C27(Carbamidomethyl)	139	1.33E-13	1	4312.091	2	Salivary gland	3R:+:8544483-8544602	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_83662	SANYGYLAMGK	AGAP008278-PA	M9(Oxidation)	78	2.02E-07	1	1190.549	-1.34	Salivary gland	3R:+:8545088-8545120	exon=> In CDS Exon 4 of transcript AGAP008278-PA
JHU_Ag_86444	KIYHGTVDSVAK	AGAP008278-PA	-	93	5.82E-09	1	1317.718	1.62	Salivary gland	3R:+:8544621-8544656	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_94428	CHEDHLPSGPNR	AGAP008278-PA	C1(Carbamidomethyl)	82	3.95E-08	1	1418.622	-1.01	Salivary gland	3R:+:8544221-8544256	exon=> In CDS Exon 2 of transcript AGAP008278-PA

JHU_Ag_96004	CTLAGLQMYDEK	AGAP008278-PA	C1(Carbamidomethyl),"C1 (Carbamidomethyl), M8(Oxidation)"	97	1.70E-09	1	1444.644	-0.62	Salivary gland	3R:+:8544329-8544364	exon=> In CDS Exon 2 of transcript AGAP008278-PA
JHU_Ag_96691	VNELQQALSSLNAGSGSCAEVFNAYLPVHNK	AGAP008278-PA	C18(Carbamidomethyl)	138	1.98E-13	1	3317.615	-1.99	Head	3R:+:8544510-8544602	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_97155	ALDPEEAWYVYER	AGAP008278-PA	-	80	1.32E-07	2	1640.761	0.84	Head	3R:+:8544182-8544220	exon=> In CDS Exon 2 of transcript AGAP008278-PA
JHU_Ag_104786	TNTFKPETVPVQHEAYK	AGAP008278-PA	-	124	5.83E-12	1	1989.010	1.37	Salivary gland	3R:+:8544365-8544379,8544447-8544482	exon=> In CDS Exon 2 and 3 of transcript AGAP008278-PA
JHU_Ag_114228	LRDYELADSAEFR	AGAP008278-PA	-	85	5.02E-08	1	1584.769	2.06	Salivary gland	3R:+:8544759-8544797	exon=> In CDS Exon 3 of transcript AGAP008278-PA
JHU_Ag_41316	YMDDSGLK	AGAP008278-PA,AGAP008279-PA	M2(Oxidation)	37	0.000718644	1	944.404	0.82	Salivary gland	3R:+:8544831-8544854;3R:+:8546707-8546730	exon=> In CDS Exon 3 of transcript AGAP008278-PA;exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_4126	LYHGTVEGAAK	AGAP008279-PA	-	52	9.51E-05	1	1145.588	-5.84	Head	3R:+:8546500-8546532	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_7439	LEPNDAVTHCYAK	AGAP008279-PA	N4(Deamidated), C10(Carbamidomethyl),C10(Carbamidomethyl)	95	4.26E-09	1	1517.707	1.3	Salivary gland	3R:+:8546174-8546212	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_11392	ALDPEQALYVYK	AGAP008279-PA	-	54	5.23E-05	2	1409.732	0.33	Visceras	3R:+:8546066-8546101	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_16829	SWNAWKLEPNDAVTHCYAK	AGAP008279-PA	C16(Carbamidomethyl)	103	6.62E-10	1	2290.076	2.09	Salivary gland	3R:+:8546156-8546212	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_17132	EVTEYQQALASINAGDGSCVALYNAYLPVHNK	AGAP008279-PA	C19(Carbamidomethyl)	50	0.000129612	1	3495.680	-1.53	Visceras	3R:+:8546383-8546478	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_17255	IYAAMPQIK	AGAP008279-PA	M5(Oxidation)	63	6.59E-06	1	1050.563	-2.36	Salivary gland	3R:+:8546533-8546559	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_19222	CYEDHLPAGSSR	AGAP008279-PA	C1(Carbamidomethyl)	70	5.88E-07	1	1391.599	-1.23	Salivary gland	3R:+:8546105-8546140	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_24240	NYELSGSSQFKK	AGAP008279-PA	-	73	8.22E-07	1	1387.686	0.77	Salivary gland	3R:+:8546641-8546676	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_28941	ALDPEQALYVYKR	AGAP008279-PA	-	106	2.76E-10	1	1565.837	2.92	Salivary gland	3R:+:8546066-8546104	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_30837	LEPNDAVTHCYAK	AGAP008279-PA	C10(Carbamidomethyl)	90	1.35E-08	1	1517.708	2.02	Visceras	3R:+:8546174-8546212	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_35950	QKGESFFAYCAK	AGAP008279-PA	C10(Carbamidomethyl)	88	2.36E-08	1	1435.666	-0.84	Salivary gland	3R:+:8546560-8546595	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_36341	CVLIGLQLYEEKDK	AGAP008279-PA	C1(Carbamidomethyl)	120	1.01E-11	1	1707.899	0.11	Salivary gland	3R:+:8546213-8546254	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_43016	IWGGYNK	AGAP008279-PA	-	42	0.000729762	1	837.428	3.38	Salivary gland	3R:+:8546599-8546619	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_44343	TLNEANSR	AGAP008279-PA	-	48	0.00033453	2	904.450	2.12	Salivary gland	3R:+:8546359-8546382	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_50995	CVLIGLQLYEEK	AGAP008279-PA	C1(Carbamidomethyl)	96	3.16E-09	1	1464.780	2.03	Salivary gland	3R:+:8546213-8546248	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_53342	VIDCIFR	AGAP008279-PA	C4(Carbamidomethyl)	36	0.002650461	2	922.482	0.27	Visceras	3R:+:8546677-8546697	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_60907	LYHGTVEGAAK	AGAP008279-PA	-	60	1.65E-05	1	1145.594	-1.08	Salivary gland	3R:+:8546500-8546532	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_60988	NYELSGSSQFK	AGAP008279-PA	N1(Deamidated)	100	1.23E-09	1	1259.593	1.81	Salivary gland	3R:+:8546641-8546673	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_62643	GESFFAYCAK	AGAP008279-PA	C8(Carbamidomethyl)	73	3.06E-07	1	1179.516	1.34	Salivary gland	3R:+:8546566-8546595	exon=> In CDS Exon 3 of transcript AGAP008279-PA

JHU_Ag_67723	RCYEDHLPAGSSR	AGAP008279-PA	C2(Carbamidomethyl)	46	0.000283868	1	1547.705	1.93	Salivary gland	3R:+:8546102-8546140	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_69189	CYEDHLPAGSSR	AGAP008279-PA	C1(Carbamidomethyl)	44	0.000206231	2	1391.595	-4.48	Head	3R:+:8546105-8546140	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_77423	ALDPEQALYVYK	AGAP008279-PA	-	86	3.72E-08	1	1409.732	0.68	Head	3R:+:8546066-8546101	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_80466	FVDLSR	AGAP008279-PA	-	44	0.00056511	2	736.399	0.75	Salivary gland	3R:+:8546479-8546496	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_82707	ALDPEQALYVYK	AGAP008279-PA	-	98	2.01E-09	1	1409.733	1.11	Salivary gland	3R:+:8546066-8546101	exon=> In CDS Exon 2 of transcript AGAP008279-PA
JHU_Ag_85068	KLYHGTVEGAAK	AGAP008279-PA	-	89	1.68E-08	1	1273.690	0.06	Salivary gland	3R:+:8546497-8546532	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_85551	SERIPVQHEAYK	AGAP008279-PA	-	69	1.83E-06	1	1456.754	-0.03	Salivary gland	3R:+:8546323-8546358	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_91971	IPVQHEAYK	AGAP008279-PA	-	67	1.56E-06	1	1084.581	2.38	Salivary gland	3R:+:8546332-8546358	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_94116	QQILALDK	AGAP008279-PA	Q1(Deamidated)	43	0.000561097	1	929.522	-9.27	Head	3R:+:8555845-8555868	exon=> In CDS Exon 4 of transcript AGAP008279-PA
JHU_Ag_95682	EVTEYQQALASINAGDGSCVALYNAYLPVHNK	AGAP008279-PA	C19(Carbamidomethyl)	229	1.53E-22	1	3495.694	2.45	Malpighian tubule	3R:+:8546383-8546478	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_102293	VIDCIFR	AGAP008279-PA	C4(Carbamidomethyl)	50	9.87E-05	1	922.483	1.53	Salivary gland	3R:+:8546677-8546697	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_105086	GRNYELSGSSQFK	AGAP008279-PA	-	62	9.96E-06	2	1472.714	0.87	Salivary gland	3R:+:8546635-8546673	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_108186	KVIDCIFR	AGAP008279-PA	C5(Carbamidomethyl)	53	3.93E-05	1	1050.577	0.18	Salivary gland	3R:+:8546674-8546697	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_111514	EVTEYQQALASINAGDGSCVALYNAYLPVHNK	AGAP008279-PA	C19(Carbamidomethyl),"C19(Carbamidomethyl), N31(Deamidated)","C19(Carbamidomethyl), N24(Deamidated)","N13(Deamidated), C19(Carbamidomethyl)"	252	8.33E-25	1	3495.697	3.49	Salivary gland	3R:+:8546383-8546478	exon=> In CDS Exon 3 of transcript AGAP008279-PA
JHU_Ag_4411	GVEADRYVQCFMTALGFADESGSIQR	AGAP008280-PA	C10(Carbamidomethyl),"C10(Carbamidomethyl), M12(Oxidation)"	121	9.16E-12	1	2923.335	-0.15	Salivary gland	3R:-:8557718-8557862,8557291-8557570	exon=> In CDS Exon 2 and 1 of transcript AGAP008280-PA
JHU_Ag_35697	YVQCFMTALGFADESGSIQR	AGAP008280-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M6(Oxidation)"	110	1.25E-10	1	2280.042	-0.09	Salivary gland	3R:-:8557700-8557862,8557291-8557570	exon=> In CDS Exon 2 and 1 of transcript AGAP008280-PA
JHU_Ag_91393	TESAQNFRDAVELQELR	AGAP008280-PA	-	117	3.64E-11	1	2005.994	0.07	Salivary gland	3R:-:8557431-8557381	exon=> In CDS Exon 2 of transcript AGAP008280-PA
JHU_Ag_98482	SNVLTALDAVETHDGVYTDAVDVCLSK	AGAP008280-PA	C24(Carbamidomethyl)	125	4.43E-12	1	2892.394	0.32	Salivary gland	3R:-:8557569-8557489	exon=> In CDS Exon 2 of transcript AGAP008280-PA
JHU_Ag_98508	SGSFFSCMLR	AGAP008280-PA	C7(Carbamidomethyl), M8(Oxidation),C7(Carbamidomethyl)	64	2.96E-06	1	1191.528	-0.18	Salivary gland	3R:-:8557461-8557432	exon=> In CDS Exon 2 of transcript AGAP008280-PA
JHU_Ag_107207	DAVELQELR	AGAP008280-PA	-	66	3.66E-06	2	1072.564	0.71	Salivary gland	3R:-:8557407-8557381	exon=> In CDS Exon 2 of transcript AGAP008280-PA
JHU_Ag_9787	HDVNLEK	AGAP008281-PA	-	50	0.00011232	1	854.436	-0.64	Salivary gland	3R:-:8558463-8558443	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_10743	LYDPLNIIELDKR	AGAP008281-PA	-	93	3.32E-09	1	1601.896	4.05	Visceras	3R:-:8558502-8558464	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_17731	CIGECVQVPTSER	AGAP008281-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	66	3.20E-06	1	1534.701	1.19	Head	3R:-:8558442-8558404	exon=> In CDS Exon 3 of transcript AGAP008281-PA

JHU_Ag_21477	YTAEFVQIMK	AGAP008281-PA	M9(Oxidation)	81	1.19E-07	1	1245.618	0.02	Salivary gland	3R:-:8558292-8558263	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_31018	YTAEFVQIMKDYDK	AGAP008281-PA	M9(Oxidation)	122	1.17E-11	1	1750.836	0.3	Salivary gland	3R:-:8558292-8558251	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_36794	YTAEFVQIMK	AGAP008281-PA	M9(Oxidation)	49	0.000186491	2	1245.622	2.76	Visceras	3R:-:8558292-8558263	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_38265	VFDLMELK	AGAP008281-PA	M5(Oxidation)	69	1.56E-06	1	994.527	-0.82	Salivary gland	3R:-:8558346-8558323	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_41953	LYDPLNIIELDK	AGAP008281-PA	-	109	1.30E-10	1	1445.789	0.55	Salivary gland	3R:-:8558502-8558467	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_44825	AHVFYK	AGAP008281-PA	-	34	0.003471581	1	764.410	0.93	Salivary gland	3R:-:8558403-8558386	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_45680	AHVFYKCLLK	AGAP008281-PA	C7(Carbamidomethyl)	42	0.000523151	1	1278.702	-0.6	Salivary gland	3R:-:8558403-8558374	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_60068	KVFDLMELK	AGAP008281-PA	M6(Oxidation)	71	6.98E-07	1	1122.622	-0.84	Salivary gland	3R:-:8558349-8558323	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_64114	LYDPLNIIELDK	AGAP008281-PA	-	85	3.08E-08	1	1445.790	1.14	Head	3R:-:8558502-8558467	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_65031	RYEIIEGPEMDK	AGAP008281-PA	M10(Oxidation)	96	4.19E-09	1	1479.717	1.66	Salivary gland	3R:-:8558675-8558640	exon=> In CDS Exon 2 of transcript AGAP008281-PA
JHU_Ag_65420	ALDFVYEDGRGDYHK	AGAP008281-PA	-	64	5.03E-06	1	1784.832	4.44	Visceras	3R:-:8558618-8558744,8558236-8558503	exon=> In CDS Exon 3 and 2 of transcript AGAP008281-PA
JHU_Ag_67169	AHVFYK	AGAP008281-PA	-	39	0.001236072	2	764.411	2.13	Visceras	3R:-:8558403-8558386	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_67918	RHDVNLEK	AGAP008281-PA	-	41	0.000746915	1	1010.540	1.77	Head	3R:-:8558466-8558443	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_75557	CIGECVQVPTSER	AGAP008281-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	82	9.30E-08	2	1534.703	2.86	Visceras	3R:-:8558442-8558404	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_79572	YEIIEGPEMDK	AGAP008281-PA	M9(Oxidation)	64	5.24E-06	1	1323.613	-0.79	Salivary gland	3R:-:8558672-8558640	exon=> In CDS Exon 2 of transcript AGAP008281-PA
JHU_Ag_79750	RYEIIEGPEMDK	AGAP008281-PA	M10(Oxidation)	74	7.00E-07	1	1495.705	-2.88	Head	3R:-:8558675-8558640	exon=> In CDS Exon 2 of transcript AGAP008281-PA
JHU_Ag_83646	YTAEFVQIMK	AGAP008281-PA	M9(Oxidation)	77	3.53E-07	1	1245.617	-0.96	Head	3R:-:8558292-8558263	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_83688	LYDPLNIIELDKR	AGAP008281-PA	-	99	8.94E-10	1	1601.889	-0.68	Salivary gland	3R:-:8558502-8558464	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_84044	ALDFVYEDGR	AGAP008281-PA	-	60	1.13E-05	1	1184.562	3.36	Head	3R:-:8558618-8558589	exon=> In CDS Exon 2 of transcript AGAP008281-PA
JHU_Ag_86412	VPQHQR	AGAP008281-PA	-	38	0.00110404	2	764.417	0.91	Salivary gland	3R:-:8558310-8558293	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_98949	YEIIEGPEMDKHIHCVMR	AGAP008281-PA	C15(Carbamidomethyl), M17(Oxidation),C15(Carbamidomethyl),"M9(Oxidation), C15(Carbamidomethyl)","M9(Oxidation), C15(Carbamidomethyl), M17(Oxidation)"	98	2.56E-09	1	2257.053	-1.64	Salivary gland	3R:-:8558672-8558619	exon=> In CDS Exon 2 of transcript AGAP008281-PA
JHU_Ag_106004	ALDFVYEDGR	AGAP008281-PA	-	67	1.96E-06	1	1184.558	-0.31	Salivary gland	3R:-:8558618-8558589	exon=> In CDS Exon 2 of transcript AGAP008281-PA
JHU_Ag_108600	ALDFVYEDGRGDYHK	AGAP008281-PA	-	91	8.96E-09	1	1784.826	0.98	Salivary gland	3R:-:8558618-8558744,8558236-8558503	exon=> In CDS Exon 3 and 2 of transcript AGAP008281-PA

JHU_Ag_109614	ALDFVYEDGRGDYHK	AGAP008281-PA	-	71	8.07E-07	1	1784.820	-2.41	Head	3R:-:8558618-8558744,8558236-8558503	exon=> In CDS Exon 3 and 2 of transcript AGAP008281-PA
JHU_Ag_110381	CIGECVQVPTSER	AGAP008281-PA	C1(Carbamidomethyl), C5(Carbamidomethyl)	108	2.02E-10	1	1534.699	0.23	Salivary gland	3R:-:8558442-8558404	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_110866	VFDLMELK	AGAP008281-PA	-	69	1.67E-06	1	994.528	0.16	Head	3R:-:8558346-8558323	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_113400	LYDPLNIIELDKR	AGAP008281-PA	-	86	1.60E-08	1	1601.892	1.61	Head	3R:-:8558502-8558464	exon=> In CDS Exon 3 of transcript AGAP008281-PA
JHU_Ag_6942	ANTFYTCFLGTSSLAGFK	AGAP008282-PA	C7(Carbamidomethyl)	131	1.46E-12	1	1984.949	0.88	Malpighian tubule	3R:-:8559936-8559883	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_7548	NIGDSLKDR	AGAP008282-PA	-	61	1.73E-05	1	1017.533	0.83	Visceras	3R:-:8560251-8560225	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_10474	VDSGVNHAANMK	AGAP008282-PA	N6(Deamidated), M11(Oxidation),M11(Oxidation)	85	3.41E-08	1	1242.591	1.01	Head	3R:-:8560014-8559979	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_13095	ESVLLELLQR	AGAP008282-PA	-	54	2.60E-05	2	1199.702	2.37	Malpighian tubule	3R:-:8560044-8560015	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_16793	ANTFYTCFLGTSSLAGFKNAVDYNELLK	AGAP008282-PA	C7(Carbamidomethyl)	216	3.51E-21	1	3144.547	3.92	Salivary gland	3R:-:8559936-8559853	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_16950	ESTVEECEK	AGAP008282-PA	C7(Carbamidomethyl)	40	0.000511378	1	1110.459	-2.78	Salivary gland	3R:-:8560278-8560252	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_27107	MQTSDPFDMNR	AGAP008282-PA	M1(Oxidation),"M1(Oxidation), M9(Oxidation)",M9(Oxidation)	62	1.49E-06	2	1357.552	0.37	Head	3R:-:8559843-8559811	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_27894	ESVLLELLQR	AGAP008282-PA	-	74	2.73E-07	2	1199.703	2.68	Visceras	3R:-:8560044-8560015	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_28488	ANTFYTCFLGTSSLAGFK	AGAP008282-PA	C7(Carbamidomethyl)	114	7.37E-11	2	1984.949	0.64	Visceras	3R:-:8559936-8559883	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_29159	EIDDGLC	AGAP008282-PA	C7(Carbamidomethyl)	51	3.53E-05	2	821.335	0.94	Salivary gland	3R:-:8559792-8559772	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_29925	QYTPVSSDDMDKHMQCVLEVVGFVDGNGEVK	AGAP008282-PA	M10(Oxidation), M14(Oxidation), C16(Carbamidomethyl)," M10(Oxidation), C16(Carbamidomethyl), N27(Deamidated)","M10(Oxidation), C16(Carbamidomethyl)"," M14(Oxidation), C16(Carbamidomethyl), N27(Deamidated)",C16(Carbamidomethyl),"M10(Oxidation), M14(Oxidation), C16(Carbamidomethyl), N27(Deamidated)","C16(Carbamidomethyl), N27(Deamidated)","M14(Oxidation), C16(Carbamidomethyl)"	132	6.14E-13	1	3483.581	-1.69	Salivary gland	3R:-:8560209-8560117	exon=> In CDS Exon 2 of transcript AGAP008282-PA

JHU_Ag_32065	CVTEASTSGSDK	AGAP008282-PA	C1(Carbamidomethyl)	49	7.96E-05	2	1241.533	0.94	Head	3R:-:8559975-8559940	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_32333	ANTFYTCFLGTSSLAGFK	AGAP008282-PA	C7(Carbamidomethyl)	116	4.38E-11	2	1984.950	1.56	Head	3R:-:8559936-8559883	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_35390	ESTVEECEKNIGDSLK	AGAP008282-PA	C7(Carbamidomethyl)	89	1.62E-08	1	1837.851	1.43	Salivary gland	3R:-:8560278-8560231	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_35696	CVTEASTSGSDK	AGAP008282-PA	C1(Carbamidomethyl)	80	5.68E-08	1	1241.531	-0.04	Salivary gland	3R:-:8559975-8559940	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_35933	ESVLLELLQR	AGAP008282-PA	Q9(Deamidated)	81	5.22E-08	2	1199.703	3.29	Salivary gland	3R:-:8560044-8560015	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_36764	QYTPVSSDDMDK	AGAP008282-PA	M10(Oxidation)	76	1.24E-07	1	1401.585	0.79	Head	3R:-:8560209-8560174	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_36823	ESTVEECEK	AGAP008282-PA	C7(Carbamidomethyl)	44	0.000186251	2	1110.463	1.07	Head	3R:-:8560278-8560252	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_38283	QYTPVSSDDMDK	AGAP008282-PA	M10(Oxidation)	83	2.82E-08	1	1385.591	1.18	Salivary gland	3R:-:8560209-8560174	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_40036	HMQCVLEVVGFVDGNGEVK	AGAP008282-PA	M2(Oxidation), C4(Carbamidomethyl)	98	2.31E-09	1	2133.020	4.7	Head	3R:-:8560173-8560117	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_46720	ESVLLELLQR	AGAP008282-PA	-	82	4.08E-08	2	1199.699	-0.17	Head	3R:-:8560044-8560015	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_55703	CVTEASTSGSDKK	AGAP008282-PA	C1(Carbamidomethyl)	64	4.47E-06	1	1369.628	1.04	Salivary gland	3R:-:8559975-8559937	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_56444	DRVCELR	AGAP008282-PA	C4(Carbamidomethyl)	34	0.005715171	2	947.469	-4	Head	3R:-:8560230-8560210	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_56719	ANTFYTCFLGTSSLAGFK	AGAP008282-PA	N2(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	147	3.77E-14	1	1984.952	2.48	Salivary gland	3R:-:8559936-8559883	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_80240	KANTFYTCFLGTSSLAGFK	AGAP008282-PA	N3(Deamidated), C8(Carbamidomethyl),C8(Carbamidomethyl)	183	8.72E-18	1	2113.044	0.65	Salivary gland	3R:-:8559939-8559883	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_85014	HMQCVLEVVGFVDGNGEVK	AGAP008282-PA	M2(Oxidation), C4(Carbamidomethyl), N15(Deamidated),C4(Carbamidomethyl),"M2(Oxidation), C4(Carbamidomethyl)"	105	4.56E-10	1	2117.018	1.24	Salivary gland	3R:-:8560173-8560117	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_86237	NIGDSLK	AGAP008282-PA	-	42	0.001854581	1	746.405	0.36	Visceras	3R:-:8560251-8560231	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_91228	NIGDSLKDR	AGAP008282-PA	-	67	4.79E-06	1	1017.533	0.77	Salivary gland	3R:-:8560251-8560225	exon=> In CDS Exon 2 of transcript AGAP008282-PA
JHU_Ag_96245	MQTSDPFDMNR	AGAP008282-PA	M1(Oxidation), M9(Oxidation)	47	3.99E-05	2	1373.548	1.49	Visceras	3R:-:8559843-8559811	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_98598	VAALIKEIDDGLC	AGAP008282-PA	C13(Carbamidomethyl)	98	2.43E-09	1	1416.739	-0.93	Salivary gland	3R:-:8559810-8559772	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_100417	NAVDYNELLK	AGAP008282-PA	N6(Deamidated),N1(Deamidated)	75	4.88E-07	1	1178.607	1.18	Salivary gland	3R:-:8559882-8559853	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_110549	KANTFYTCFLGTSSLAGFK	AGAP008282-PA	C8(Carbamidomethyl)	89	2.06E-08	2	2113.041	-0.62	Head	3R:-:8559939-8559883	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_111601	CVTEASTSGSDKK	AGAP008282-PA	C1(Carbamidomethyl)	53	5.85E-05	2	1369.632	3.88	Visceras	3R:-:8559975-8559937	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_112157	VDSGVNHAANMKK	AGAP008282-PA	-	53	6.47E-05	1	1370.685	0.2	Salivary gland	3R:-:8560014-8559976	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_112991	VDSGVNHAANMK	AGAP008282-PA	M11(Oxidation)	93	5.73E-09	1	1242.590	0.52	Salivary gland	3R:-:8560014-8559979	exon=> In CDS Exon 3 of transcript AGAP008282-PA

JHU_Ag_116446	MQTSDPFDMNR	AGAP008282-PA	M9(Oxidation),"M1(Oxidation), M9(Oxidation)",M1(Oxidation)	89	5.47E-09	1	1341.558	1.49	Salivary gland	3R:-:8559843-8559811	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_117248	NAVDYNELLK	AGAP008282-PA	-	50	0.000144307	1	1178.605	-0.1	Head	3R:-:8559882-8559853	exon=> In CDS Exon 3 of transcript AGAP008282-PA
JHU_Ag_10707	LDMGTTFNAGQVSALMK	AGAP008283-PA	M16(Oxidation),"M3(Oxidation), M16(Oxidation)"	120	1.25E-11	1	1815.861	-0.56	Head	3R:-:8561666-8561616	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_20641	YAVDYVELLR	AGAP008283-PA	-	69	1.21E-06	1	1240.659	1.3	Head	3R:-:8561705-8561676	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_21350	ANTFYTCFLGTSSAQAFK	AGAP008283-PA	C7(Carbamidomethyl)	76	3.26E-07	2	2013.938	0.18	Visceras	3R:-:8561759-8561706	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_21474	ANTFYTCFLGTSSAQAFK	AGAP008283-PA	N2(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	130	1.27E-12	1	2013.939	0.5	Salivary gland	3R:-:8561759-8561706	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_51376	ANTFYTCFLGTSSAQAFK	AGAP008283-PA	C7(Carbamidomethyl)	106	3.34E-10	1	2013.936	-0.91	Head	3R:-:8561759-8561706	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_62816	QIDDGLCN	AGAP008283-PA	C7(Carbamidomethyl)	33	0.001619198	1	934.393	-1.02	Salivary gland	3R:-:8561615-8561592	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_69161	LDMGTTFNAGQVSALMK	AGAP008283-PA	M16(Oxidation),M3(Oxidation),"M3(Oxidation), N8(Deamidated)",N8(Deamidated),"M3(Oxidation), M16(Oxidation)"	147	3.38E-14	1	1783.872	0.12	Salivary gland	3R:-:8561666-8561616	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_79766	QYTPVQGK	AGAP008283-PA	-	35	0.004057913	2	920.484	0.13	Salivary gland	3R:-:8562023-8562000	exon=> In CDS Exon 2 of transcript AGAP008283-PA
JHU_Ag_81410	CNAEAEKVDTSSK	AGAP008283-PA	C1(Carbamidomethyl)	103	4.73E-10	1	1438.644	-2.57	Salivary gland	3R:-:8561798-8561760	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_86261	AGKLDMGTTFNAGQVSALMK	AGAP008283-PA	M6(Oxidation),M19(Oxidation),N11(Deamidated),"M6(Oxidation), M19(Oxidation)"	137	2.84E-13	1	2040.027	0.75	Salivary gland	3R:-:8561675-8561616	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_89461	YAVDYVELLR	AGAP008283-PA	-	66	2.76E-06	2	1240.662	3.76	Visceras	3R:-:8561705-8561676	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_102663	ANTFYTCFLGTSSAQAFK	AGAP008283-PA	C7(Carbamidomethyl)	117	3.06E-11	1	2013.943	2.6	Malpighian tubule	3R:-:8561759-8561706	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_112090	YAVDYVELLR	AGAP008283-PA	-	81	8.78E-08	2	1240.657	0.02	Salivary gland	3R:-:8561705-8561676	exon=> In CDS Exon 3 of transcript AGAP008283-PA
JHU_Ag_1890	HDFNLEK	AGAP008284-PA	-	44	0.000279355	1	902.436	-1.22	Head	3R:-:8563071-8563051	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_5909	LIKPLNAIEKDR	AGAP008284-PA	N6(Deamidated)	92	7.38E-10	1	1409.848	0.02	Salivary gland	3R:-:8563110-8563075	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_11768	KLPALSQYSSVVDK	AGAP008284-PA	-	77	1.14E-07	1	1534.853	3.41	Visceras	3R:-:8562921-8562880	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_12935	VFDTVELVK	AGAP008284-PA	-	39	0.000639806	2	1049.593	4.56	Malpighian tubule	3R:-:8562954-8562928	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_17542	KLPALSQYSSVVDK	AGAP008284-PA	-	113	2.71E-11	1	1534.851	2.14	Head	3R:-:8562921-8562880	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_19134	CLVESTSGEAFK	AGAP008284-PA	C1(Carbamidomethyl)	62	6.88E-06	2	1327.623	2.31	Visceras	3R:-:8562993-8562958	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_20996	KVFDTVELVK	AGAP008284-PA	-	73	2.40E-07	1	1177.682	-0.9	Salivary gland	3R:-:8562957-8562928	exon=> In CDS Exon 3 of transcript AGAP008284-PA

JHU_Ag_25336	SQLCEIR	AGAP008284-PA	C4(Carbamidomethyl)	35	0.004854813	2	905.449	-1.74	Head	3R:-:8563309-8563289	exon=> In CDS Exon 2 of transcript AGAP008284-PA
JHU_Ag_25854	LPALSQYSSVVDK	AGAP008284-PA	-	97	2.37E-09	1	1406.753	0.25	Head	3R:-:8562918-8562880	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_28626	ANAYYK	AGAP008284-PA	-	42	0.000322179	2	729.357	0.74	Salivary gland	3R:-:8563011-8562994	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_29550	VFDTVELVK	AGAP008284-PA	-	71	7.05E-07	1	1049.587	-0.79	Salivary gland	3R:-:8562954-8562928	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_29758	KIDDK	AGAP008284-PA	-	39	0.002442084	1	618.344	-2.45	Head	3R:-:8562870-8562856	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_34301	LLDTPDMDK	AGAP008284-PA	-	41	0.001100922	1	1047.502	-0.83	Salivary gland	3R:-:8563279-8563253	exon=> In CDS Exon 2 of transcript AGAP008284-PA
JHU_Ag_38049	LIKPLNAIEKDR	AGAP008284-PA	-	63	6.79E-07	1	1409.848	0.35	Visceras	3R:-:8563110-8563075	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_43311	CLVESTSGEAFK	AGAP008284-PA	C1(Carbamidomethyl)	97	2.16E-09	1	1327.622	1.39	Salivary gland	3R:-:8562993-8562958	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_45763	ALDFVRPDGTGDYHK	AGAP008284-PA	-	52	0.000111809	2	1690.823	2.58	Visceras	3R:-:8563231-8563357,8562844-8563111	exon=> In CDS Exon 3 and 2 of transcript AGAP008284-PA
JHU_Ag_47585	VFDTVELVK	AGAP008284-PA	-	33	0.002838236	1	1049.590	1.96	Head	3R:-:8562954-8562928	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_56837	CLVESTSGEAFKK	AGAP008284-PA	C1(Carbamidomethyl)	81	1.28E-07	1	1455.714	-0.32	Head	3R:-:8562993-8562955	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_62097	LIKPLNAIEK	AGAP008284-PA	N6(Deamidated)	65	1.65E-07	1	1138.719	-0.85	Salivary gland	3R:-:8563110-8563081	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_66391	CGGQTQHLPVGK	AGAP008284-PA	C1(Carbamidomethyl)	57	3.08E-05	2	1281.640	2.29	Visceras	3R:-:8563050-8563015	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_68209	VFDTVELVK	AGAP008284-PA	-	56	2.03E-05	2	1049.590	1.65	Visceras	3R:-:8562954-8562928	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_69313	LIKPLNAIEK	AGAP008284-PA	-	28	0.00094485	2	1138.722	2.4	Visceras	3R:-:8563110-8563081	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_72630	ALDFVRPDGTGDYHK	AGAP008284-PA	-	85	5.92E-08	1	1690.816	-1.54	Salivary gland	3R:-:8563231-8563357,8562844-8563111	exon=> In CDS Exon 3 and 2 of transcript AGAP008284-PA
JHU_Ag_75015	LPALSQYSSVVDK	AGAP008284-PA	-	71	9.68E-07	2	1406.756	2.25	Visceras	3R:-:8562918-8562880	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_79095	KMPASLK	AGAP008284-PA	-	44	0.000444048	2	774.448	-8.51	Head	3R:-:8563330-8563310	exon=> In CDS Exon 2 of transcript AGAP008284-PA
JHU_Ag_81519	KLPALSQYSSVVDK	AGAP008284-PA	-	110	6.46E-11	1	1534.847	-0.56	Salivary gland	3R:-:8562921-8562880	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_82190	HMDCVMK	AGAP008284-PA	M2(Oxidation), C4(Carbamidomethyl), M6(Oxidation),"M2(Oxidation), C4(Carbamidomethyl)"	29	0.001525431	2	952.365	-3.46	Head	3R:-:8563252-8563232	exon=> In CDS Exon 2 of transcript AGAP008284-PA

JHU_Ag_84814	LLDTPDMDKHMDCVMK	AGAP008284-PA	M7(Oxidation), C13(Carbamidomethyl), M15(Oxidation),"M7(Oxidation), M11(Oxidation), C13(Carbamidomethyl), M15(Oxidation)","M11(Oxidation), C13(Carbamidomethyl), M15(Oxidation)","M7(Oxidation), M11(Oxidation), C13(Carbamidomethyl)","M11(Oxidation), C13(Carbamidomethyl)",C13(Carbamidomethyl),"C13(Carbamidomethyl), M15(Oxidation)"	87	1.68E-08	1	1948.865	0.51	Salivary gland	3R:-:8563279-8563232	exon=> In CDS Exon 2 of transcript AGAP008284-PA
JHU_Ag_87450	HMDCVMK	AGAP008284-PA	C4(Carbamidomethyl)	34	0.000795708	1	920.379	0.03	Salivary gland	3R:-:8563252-8563232	exon=> In CDS Exon 2 of transcript AGAP008284-PA
JHU_Ag_88214	CGGQTQHLPVGK	AGAP008284-PA	C1(Carbamidomethyl)	69	2.06E-06	1	1281.637	0.19	Salivary gland	3R:-:8563050-8563015	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_88948	CLVESTSGEAFK	AGAP008284-PA	C1(Carbamidomethyl)	64	4.07E-06	2	1327.622	1.57	Head	3R:-:8562993-8562958	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_90861	HDFNLEK	AGAP008284-PA	-	51	6.13E-05	2	902.436	-0.27	Salivary gland	3R:-:8563071-8563051	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_91510	SQLCEIR	AGAP008284-PA	C4(Carbamidomethyl)	45	0.000534777	1	905.450	-1.4	Salivary gland	3R:-:8563309-8563289	exon=> In CDS Exon 2 of transcript AGAP008284-PA
JHU_Ag_102503	ALDFVRPDGTGDYHK	AGAP008284-PA	-	72	1.04E-06	1	1690.815	-2.18	Head	3R:-:8563231-8563357,8562844-8563111	exon=> In CDS Exon 3 and 2 of transcript AGAP008284-PA
JHU_Ag_104313	CGGQTQHLPVGK	AGAP008284-PA	C1(Carbamidomethyl)	71	1.25E-06	1	1281.632	-3.98	Head	3R:-:8563050-8563015	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_105193	CGGQTQHLPVGKR	AGAP008284-PA	C1(Carbamidomethyl)	57	2.69E-05	1	1437.737	-0.46	Salivary gland	3R:-:8563050-8563012	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_108573	LPALSQYSSVVDK	AGAP008284-PA	-	99	1.51E-09	2	1406.754	1.03	Salivary gland	3R:-:8562918-8562880	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_111815	CLVESTSGEAFKK	AGAP008284-PA	C1(Carbamidomethyl)	87	3.17E-08	1	1455.716	1.02	Visceras	3R:-:8562993-8562955	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_111976	CLVESTSGEAFKK	AGAP008284-PA	C1(Carbamidomethyl)	104	6.72E-10	1	1455.716	0.53	Salivary gland	3R:-:8562993-8562955	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_114539	LIKPLNAIEK	AGAP008284-PA	-	29	0.000659725	1	1138.718	-1.5	Head	3R:-:8563110-8563081	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_115019	LPALSQYSSVVDKMMK	AGAP008284-PA	M14(Oxidation), M15(Oxidation)	47	0.000271724	3	1828.919	0.57	Salivary gland	3R:-:8562918-8562871	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_115665	IDDKICN	AGAP008284-PA	C6(Carbamidomethyl)	48	0.000179749	2	877.410	1.46	Salivary gland	3R:-:8562867-8562847	exon=> In CDS Exon 3 of transcript AGAP008284-PA
JHU_Ag_13657	LQGAATDTDLIEYR	AGAP008287-PB	-	74	7.27E-07	1	1565.780	-0.13	Midgut	3R:+:8579660-8579687,8579779-8579792	exon=> In CDS Exon 2 and 3 of transcript AGAP008287-PB
JHU_Ag_43274	DVVASQTLR	AGAP008287-PB	-	36	0.003679527	2	988.555	13.33	Ovary	3R:+:8579522-8579548	exon=> In CDS Exon 2 of transcript AGAP008287-PB

JHU_Ag_64579	LLDAVNEVVGFIPGSSGK	AGAP008287-PB	-	46	0.000242344	1	1801.969	-0.41	Midgut	3R:+:8580305-8580358	exon=> In CDS Exon 4 of transcript AGAP008287-PB
JHU_Ag_23539	LIGVVSWSHECALAGYPGVYAR	AGAP008290-PA	C11(Carbamidomethyl)	128	2.06E-12	1	2405.214	2.71	Midgut	3R:+:8625337-8625402	exon=> In CDS Exon 1 of transcript AGAP008290-PA
JHU_Ag_33921	WILTAAHCIDLYSEVKPTVR	AGAP008290-PA	C8(Carbamidomethyl)	124	3.83E-12	1	2372.242	-0.62	Midgut	3R:+:8624866-8624925	exon=> In CDS Exon 1 of transcript AGAP008290-PA
JHU_Ag_85677	VGSSEHAAGGTVLHLLR	AGAP008290-PA	-	94	3.54E-09	1	1703.918	-0.41	Midgut	3R:+:8624926-8624976	exon=> In CDS Exon 1 of transcript AGAP008290-PA
JHU_Ag_48665	WILTAAHCINDNAPSKPTVR	AGAP008291-PA	C8(Carbamidomethyl), N10(Deamidated),C8(Carbamidomethyl)	131	1.17E-12	1	2264.160	-0.05	Midgut	3R:+:8626056-8626115	exon=> In CDS Exon 1 of transcript AGAP008291-PA
JHU_Ag_56141	NELTFSEK	AGAP008291-PA	-	42	0.000785572	1	967.476	2.46	Midgut	3R:+:8626230-8626253	exon=> In CDS Exon 1 of transcript AGAP008291-PA
JHU_Ag_56395	NNYDIALLELKNELTFSEK	AGAP008291-PA	-	130	1.38E-12	1	2254.159	-0.45	Midgut	3R:+:8626197-8626253	exon=> In CDS Exon 1 of transcript AGAP008291-PA
JHU_Ag_67972	NNYDIALLELK	AGAP008291-PA	N1(Deamidated),N2(Deamidated)	81	1.12E-07	1	1306.692	2.56	Midgut	3R:+:8626197-8626229	exon=> In CDS Exon 1 of transcript AGAP008291-PA
JHU_Ag_89054	IVPHPMHGSK	AGAP008291-PA	-	35	0.004903249	1	1102.582	-0.97	Midgut	3R:+:8626167-8626196	exon=> In CDS Exon 1 of transcript AGAP008291-PA
JHU_Ag_105618	FAPNRPYLAGK	AGAP008291-PA	-	50	0.000123799	1	1233.674	-0.23	Midgut	3R:+:8625918-8625950	exon=> In CDS Exon 1 of transcript AGAP008291-PA
JHU_Ag_17690	LIGVISWGHECALAGYPGVYAR	AGAP008291-PA,AGAP012842-PA	C11(Carbamidomethyl)	115	4.22E-11	1	2389.209	-1.34	Midgut	3R:+:8626527-8626592;UNKN:-:33365734-33365669	exon=> In CDS Exon 1 of transcript AGAP008291-PA;exon=> In CDS Exon 1 of transcript AGAP012842-PA
JHU_Ag_99409	ATNVPTVNQQECNK	AGAP008291-PA,AGAP012842-PA	C12(Carbamidomethyl)	90	1.35E-08	1	1602.753	-0.48	Midgut	3R:+:8626368-8626409;UNKN:-:33365893-33365852	exon=> In CDS Exon 1 of transcript AGAP008291-PA;exon=> In CDS Exon 1 of transcript AGAP012842-PA
JHU_Ag_8727	HASGGSVIHVAR	AGAP008292-PA	-	89	1.85E-08	1	1190.639	-0.11	Midgut	3R:+:8628078-8628113	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_11920	DACQGDSGGPLVAEDK	AGAP008292-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), Q4(Deamidated)"	134	3.65E-13	1	1618.708	4.32	Midgut	3R:+:8628426-8628473	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_20296	LIGVVSWGAGCAQPGYPGVYAR	AGAP008292-PA	C11(Carbamidomethyl)	111	1.18E-10	2	2278.143	-0.32	Midgut	3R:+:8628474-8628539	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_29752	IVQHPDYDQETIDYDYSLLELESVLTFSNK	AGAP008292-PA	-	76	3.13E-07	1	3574.703	-2.44	Midgut	3R:+:8628114-8628203	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_33810	FLPRPHHTVSNHR	AGAP008292-PA	-	57	2.07E-05	1	1597.845	-0.26	Malpighian tubule	3R:+:8627862-8627900	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_37308	RVPYPLPR	AGAP008292-PA	-	36	0.000913868	1	997.596	1.86	Malpighian tubule	3R:+:8627838-8627861	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_37927	DACQGDSGGPLVAEDK	AGAP008292-PA	C3(Carbamidomethyl)	53	3.45E-05	2	1618.702	0.62	Ovary	3R:+:8628426-8628473	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_38367	DACQGDSGGPLVAEDKLIGVVSWGAGCAQPGYPGVYAR	AGAP008292-PA	C3(Carbamidomethyl), C27(Carbamidomethyl)	68	1.53E-06	3	3877.826	-0.49	Midgut	3R:+:8628426-8628539	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_43515	HASGGSVIHVAR	AGAP008292-PA	-	65	5.37E-06	1	1190.641	1.36	Malpighian tubule	3R:+:8628078-8628113	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_46302	AANVPTVNQDECNQAYHK	AGAP008292-PA	C12(Carbamidomethyl)	100	1.18E-09	1	2058.934	2.2	Midgut	3R:+:8628318-8628371	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_47306	FLPRPHHTVSNHR	AGAP008292-PA	-	62	6.84E-06	1	1597.844	-1.29	Midgut	3R:+:8627862-8627900	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_49449	DACQGDSGGPLVAEDK	AGAP008292-PA	C3(Carbamidomethyl)	123	4.14E-12	1	1618.707	3.41	Malpighian tubule	3R:+:8628426-8628473	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_58663	IVGGFEIDVAETPYQVSLQR	AGAP008292-PA	-	88	1.44E-08	2	2221.159	4.14	Malpighian tubule	3R:+:8627901-8627960	exon=> In CDS Exon 1 of transcript AGAP008292-PA

JHU_Ag_59954	SAIESNAILR	AGAP008292-PA	-	77	3.81E-07	1	1073.596	0.58	Malpighian tubule	3R:+:8628288-8628317	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_66757	DACQGDSGGPLVAEDK	AGAP008292-PA	C3(Carbamidomethyl)	135	2.27E-13	1	1618.704	1.75	Head	3R:+:8628426-8628473	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_68954	HICGGSVLSGK	AGAP008292-PA	C3(Carbamidomethyl)	67	1.93E-06	2	1114.567	-0.42	Midgut	3R:+:8627970-8628002	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_71478	SAIESNAILR	AGAP008292-PA	N6(Deamidated)	65	6.69E-06	1	1074.576	-2.38	Midgut	3R:+:8628288-8628317	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_77497	IVGGFEIDVAETPYQVSLQR	AGAP008292-PA	Q15(Deamidated)	107	2.41E-10	2	2221.147	-1.24	Midgut	3R:+:8627901-8627960	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_98380	VPYPLPR	AGAP008292-PA	-	31	0.003269345	1	841.493	0.23	Midgut	3R:+:8627841-8627861	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_98857	WILTAAHCTDGSQPASLTVR	AGAP008292-PA	C8(Carbamidomethyl)	131	9.89E-13	1	2184.088	0.45	Midgut	3R:+:8628003-8628062	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_110442	RVPYPLPR	AGAP008292-PA	-	41	0.000387662	2	997.593	-1.2	Midgut	3R:+:8627838-8627861	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_110509	RHICGGSVLSGK	AGAP008292-PA	C4(Carbamidomethyl)	33	0.006869152	1	1270.668	-0.22	Midgut	3R:+:8627967-8628002	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_117572	VQPIALPEQDEAVEDGIMTIVSGWGSTK	AGAP008292-PA	M18(Oxidation)	133	6.59E-13	1	2970.479	0.65	Midgut	3R:+:8628204-8628287	exon=> In CDS Exon 1 of transcript AGAP008292-PA
JHU_Ag_9966	HASSGTVVNVAR	AGAP008293-PA	-	62	6.02E-06	2	1197.632	-1.36	Midgut	3R:-:8629865-8629830	exon=> In CDS Exon 1 of transcript AGAP008293-PA
JHU_Ag_19053	EAYSHDAITDR	AGAP008293-PA	-	78	1.42E-07	1	1277.575	-0.65	Midgut	3R:-:8629586-8629554	exon=> In CDS Exon 1 of transcript AGAP008293-PA
JHU_Ag_31474	SATESNAILR	AGAP008293-PA	-	77	3.19E-07	2	1061.557	-1.93	Midgut	3R:-:8629655-8629626	exon=> In CDS Exon 1 of transcript AGAP008293-PA
JHU_Ag_73106	WVLTAAHCTDGLQAFTLTVR	AGAP008293-PA	C8(Carbamidomethyl)	116	3.11E-11	1	2260.155	0.09	Midgut	3R:-:8629940-8629881	exon=> In CDS Exon 1 of transcript AGAP008293-PA
JHU_Ag_82672	IVGGFEINVSDTPYQVSLQYINSHR	AGAP008293-PA	N22(Deamidated)	190	1.34E-18	1	2836.426	-0.06	Midgut	3R:-:8630042-8629968	exon=> In CDS Exon 1 of transcript AGAP008293-PA
JHU_Ag_103474	VAVVRNWVR	AGAP008293-PA	N6(Deamidated)	40	0.001002316	1	1099.638	0.76	Malpighian tubule	3R:-:8629406-8629380	exon=> In CDS Exon 1 of transcript AGAP008293-PA
JHU_Ag_60993	CGGSVLNSK	AGAP008293-PA,AGAP008294-PA	C1(Carbamidomethyl)	58	2.67E-05	2	921.446	-0.31	Midgut	3R:-:8629967-8629941;3R:+:8630938-8630964	exon=> In CDS Exon 1 of transcript AGAP008293-PA;exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_12146	WILTAAHCTVNLQPSSLAVR	AGAP008294-PA	C8(Carbamidomethyl)	104	3.57E-10	1	2237.185	-0.41	Midgut	3R:+:8630965-8631024	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_16076	ECTIAYSSSGGITDR	AGAP008294-PA	C2(Carbamidomethyl)	73	4.08E-07	2	1616.723	0.58	Midgut	3R:+:8631310-8631354	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_25504	IVGGFEIDVSETPYQVSLQYFNSHR	AGAP008294-PA	Q19(Deamidated),N22(Deamidated),Q15(Deamidated)	135	4.22E-13	1	2885.418	2.42	Malpighian tubule	3R:+:8630863-8630937	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_42944	IVGGFEIDVSETPYQVSLQYFNSHR	AGAP008294-PA	-	176	4.15E-17	1	2885.411	0.01	Midgut	3R:+:8630863-8630937	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_64523	MLCAGYKR	AGAP008294-PA	M1(Oxidation),C3(Carbamidomethyl)	36	0.002006406	2	1014.486	-0.15	Midgut	3R:+:8631355-8631378	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_65267	GGKDACQGDSGGPLVVDGK	AGAP008294-PA	C6(Carbamidomethyl)	89	1.43E-08	2	1816.848	-0.59	Midgut	3R:+:8631379-8631435	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_69577	DACQGDSGGPLVVDGK	AGAP008294-PA	C3(Carbamidomethyl)	84	4.14E-08	1	1574.714	1.31	Head	3R:+:8631388-8631435	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_77320	LVGVVSWGFGCAMPGYPGVYAR	AGAP008294-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl),M13(Oxidation)"	112	1.18E-10	2	2359.137	0.09	Midgut	3R:+:8631436-8631501	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_83471	SVQALPR	AGAP008294-PA	-	37	0.000815569	1	770.451	-0.77	Midgut	3R:+:8630806-8630826	exon=> In CDS Exon 1 of transcript AGAP008294-PA

JHU_Ag_105194	DACQGDSGGPLVVDGK	AGAP008294-PA	C3(Carbamidomethyl)	33	0.004410 45	2	1574.713	0.61	Ovary	3R:+:8631388-8631435	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_109400	SVQALPR	AGAP008294-PA	-	33	0.001713 244	1	770.453	1.44	Malpighian tubule	3R:+:8630806-8630826	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_115936	DACQGDSGGPLVVDGK	AGAP008294-PA	C3(Carbamidomethyl),"C3 (Carbamidomethyl), Q4(Deamidated)"	111	7.04E-11	1	1574.712	0.15	Midgut	3R:+:8631388-8631435	exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_37366	AANVPTVSHEDCSDAYMWFGEITDR	AGAP008295-PA	C12(Carbamidomethyl)	60	0.000005	1	2871.237	0.6	Midgut	3R:+:8633422-8633496	exon=> In CDS Exon 1 of transcript AGAP008295-PA
JHU_Ag_86022	VVGGFQIDVSDAPYQVSLQYFNSHR	AGAP008295-PA	-	135	3.56E-13	1	2826.380	-1.55	Midgut	3R:+:8633005-8633079	exon=> In CDS Exon 1 of transcript AGAP008295-PA
JHU_Ag_97989	WVLTAAHCTQGLDPSSLAVR	AGAP008295-PA	C8(Carbamidomethyl)	120	1.29E-11	1	2182.120	5.94	Midgut	3R:+:8633107-8633166	exon=> In CDS Exon 1 of transcript AGAP008295-PA
JHU_Ag_115895	LGSSEHATGGTLVGVLR	AGAP008295-PA	-	113	4.03E-11	1	1653.892	0.12	Midgut	3R:+:8633167-8633217	exon=> In CDS Exon 1 of transcript AGAP008295-PA
JHU_Ag_117306	MLCAGYQQGGK	AGAP008295-PA,AGAP008293-PA,AGAP008292-PA,AGAP008296-PA	M1(Oxidation), C3(Carbamidomethyl),C3(Carbamidomethyl)	80	7.70E-08	1	1212.549	-1.17	Midgut	3R:+:8633497-8633529;3R:-:8629553-8629521;3R:+:8628393-8628425;3R:+:8635452-8635484	exon=> In CDS Exon 1 of transcript AGAP008295-PA;exon=> In CDS Exon 1 of transcript AGAP008293-PA;exon=> In CDS Exon 1 of transcript AGAP008292-PA;exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_74463	DACQGDSGGPLVADGK	AGAP008295-PA,AGAP008293-PA,AGAP008296-PA	C3(Carbamidomethyl)	108	1.02E-10	1	1546.682	0.97	Pupa	3R:+:8633530-8633577;3R:-:8629520-8629473;3R:+:8635485-8635532	exon=> In CDS Exon 1 of transcript AGAP008295-PA;exon=> In CDS Exon 1 of transcript AGAP008293-PA;exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_80276	DACQGDSGGPLVADGK	AGAP008295-PA,AGAP008293-PA,AGAP008296-PA	C3(Carbamidomethyl),"C3 (Carbamidomethyl), Q4(Deamidated)"	110	7.82E-11	2	1546.684	2.08	Midgut	3R:+:8633530-8633577;3R:-:8629520-8629473;3R:+:8635485-8635532	exon=> In CDS Exon 1 of transcript AGAP008295-PA;exon=> In CDS Exon 1 of transcript AGAP008293-PA;exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_84940	DACQGDSGGPLVADGK	AGAP008295-PA,AGAP008293-PA,AGAP008296-PA	C3(Carbamidomethyl)	121	5.95E-12	1	1546.682	1.37	Head	3R:+:8633530-8633577;3R:-:8629520-8629473;3R:+:8635485-8635532	exon=> In CDS Exon 1 of transcript AGAP008295-PA;exon=> In CDS Exon 1 of transcript AGAP008293-PA;exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_38243	DACQGDSGGPLVADGK	AGAP008295-PA,AGAP008296-PA,AGAP008293-PA	C3(Carbamidomethyl)	47	0.000165 119	1	1546.686	3.97	Malpighian tubule	3R:+:8633530-8633577;3R:+:8635485-8635532;3R:-:8629520-8629473	exon=> In CDS Exon 1 of transcript AGAP008295-PA;exon=> In CDS Exon 1 of transcript AGAP008296-PA;exon=> In CDS Exon 1 of transcript AGAP008293-PA
JHU_Ag_4117	LVGVVSWGYGCAQAGYPGVYSR	AGAP008296-PA	C11(Carbamidomethyl)	90	1.39E-08	1	2346.129	-2.1	Midgut	3R:+:8635533-8635598	exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_48507	IVGGFEIDVSDAPYQVSLQYNK	AGAP008296-PA	-	112	8.86E-11	2	2442.220	0.39	Midgut	3R:+:8634960-8635025	exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_65585	HNCGGSVLSSK	AGAP008296-PA	C3(Carbamidomethyl)	65	2.18E-06	2	1145.536	-0.35	Midgut	3R:+:8635029-8635061	exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_70594	QDETVKDGTMTTVSGWGNTQSAAES NAVLR	AGAP008296-PA	M10(Oxidation),"Q1(Dea midated), N18(Deamidated)"	106	2.75E-10	1	3169.470	-0.14	Midgut	3R:+:8635287-8635376	exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_72420	IVGGFEIDVSDAPYQVSLQYNKR	AGAP008296-PA	-	125	3.88E-12	1	2598.324	1.59	Midgut	3R:+:8634960-8635028	exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_81694	DGTMTTVSGWGNTQSAAESNAVLR	AGAP008296-PA	M4(Oxidation)	110	1.33E-10	2	2453.138	0.9	Midgut	3R:+:8635305-8635376	exon=> In CDS Exon 1 of transcript AGAP008296-PA

JHU_Ag_109156	DGTMTTVSGWGNTQSAAESNAVLR	AGAP008296-PA	M4(Oxidation)	87	2.72E-08	2	2469.140	3.55	Pupa	3R:+:8635305-8635376	exon=> In CDS Exon 1 of transcript AGAP008296-PA
JHU_Ag_23910	AANVPTVNQK	AGAP008296-PA,AGAP008294-PA	-	52	5.13E-05	1	1041.568	-0.87	Midgut	3R:+:8635377-8635406;3R:+:8631280-8631309	exon=> In CDS Exon 1 of transcript AGAP008296-PA;exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_45463	HASGGTVVR	AGAP008296-PA,AGAP008294-PA	-	45	0.000213 77	2	883.474	-0.08	Midgut	3R:+:8635137-8635163;3R:+:8631040-8631066	exon=> In CDS Exon 1 of transcript AGAP008296-PA;exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_51023	HASGGTVVR	AGAP008296-PA,AGAP008294-PA	-	34	0.002149 948	2	883.477	3.03	Malpighian tubule	3R:+:8635137-8635163;3R:+:8631040-8631066	exon=> In CDS Exon 1 of transcript AGAP008296-PA;exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_91535	VAVVRDWVR	AGAP008296-PA,AGAP008294-PA	-	40	0.001002 316	1	1099.638	0.76	Malpighian tubule	3R:+:8635599-8635625;3R:+:8631502-8631528	exon=> In CDS Exon 1 of transcript AGAP008296-PA;exon=> In CDS Exon 1 of transcript AGAP008294-PA
JHU_Ag_721	TGFFEFQTAR	AGAP008297-PA	-	57	2.67E-05	2	1203.580	0.44	Ovary	3R:+:8638772-8638801	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_2481	SDGNFLTLYESIAK	AGAP008297-PA	-	76	3.89E-07	2	1557.777	-1.56	Midgut	3R:+:8638460-8638501	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_4018	ALVAKPSDGTIWVAK	AGAP008297-PA	-	48	5.97E-05	1	1555.887	1.64	Head	3R:+:8639102-8639146	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_4463	FLVTFPYPYMNGR	AGAP008297-PA	M10(Oxidation),"M10(Oxidation), N11(Deamidated)"	54	6.27E-05	1	1621.779	4.31	Ovary	3R:+:8636432-8636470	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_4635	TFITTDANPFYDSFVR	AGAP008297-PA	-	84	7.73E-08	1	1893.895	-3.82	Head	3R:+:8636906-8636953	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_7063	KGPQDASINDQVFSSEMNLLTK	AGAP008297-PA	M17(Oxidation)	50	0.000161 75	1	2438.190	1.31	Ovary	3R:+:8638658-8638723	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_9498	DAWEQLKR	AGAP008297-PA	-	54	8.94E-05	1	1045.542	-0.39	Ovary	3R:+:8638259-8638282	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_9632	TGFFEFQTAR	AGAP008297-PA	-	46	0.000344 806	2	1203.584	3.48	Visceras	3R:+:8638772-8638801	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_10015	EIELYGCPPVFPR	AGAP008297-PA	C7(Carbamidomethyl)	70	1.74E-06	1	1576.785	1.23	Ovary	3R:+:8636615-8636653	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_10016	EFNFWYPVDLR	AGAP008297-PA	-	60	1.34E-05	2	1485.717	0.61	Ovary	3R:+:8638283-8638315	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_12711	NFEHCLDWLHEYACSR	AGAP008297-PA	C5(Carbamidomethyl), C14(Carbamidomethyl)	118	9.44E-12	1	2136.908	3.15	Ovary	3R:+:8637977-8638024	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_14108	NTLELDTLTVR	AGAP008297-PA	-	57	2.39E-05	2	1274.699	3.16	Head	3R:+:8639417-8639449	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_14115	EFNFWYPVDLR	AGAP008297-PA	-	60	1.16E-05	2	1485.725	6.2	Malpighian tubule	3R:+:8638283-8638315	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_15006	EVLGLNAEYLR	AGAP008297-PA	-	56	3.11E-05	2	1276.691	1.24	Head	3R:+:8639384-8639416	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_17801	TMELFHEEVSR	AGAP008297-PA	-	38	0.002449 785	2	1377.648	0.96	Midgut	3R:+:8637944-8637976	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_18305	TFITTDANPFYDSFVR	AGAP008297-PA	-	77	3.84E-07	2	1893.900	-0.86	Salivary gland	3R:+:8636906-8636953	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_18696	TGFFEFQTAR	AGAP008297-PA	-	53	6.38E-05	2	1203.582	1.86	Malpighian tubule	3R:+:8638772-8638801	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_21620	TGFFEFQTAR	AGAP008297-PA	-	51	9.57E-05	2	1203.579	0.03	Pupa	3R:+:8638772-8638801	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_22830	SDGNFLTLYESIAK	AGAP008297-PA	-	63	6.38E-06	2	1557.788	5.42	Malpighian tubule	3R:+:8638460-8638501	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_24944	TFITTDANPFYDSFVR	AGAP008297-PA	-	95	6.32E-09	1	1893.903	0.43	Malpighian tubule	3R:+:8636906-8636953	exon=> In CDS Exon 2 of transcript AGAP008297-PA

JHU_Ag_26451	NFEHCLDWLHEYACSR	AGAP008297-PA	C5(Carbamidomethyl), C14(Carbamidomethyl)	92	3.62E-09	1	2136.911	4.31	Malpighian tubule	3R:+:8637977-8638024	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_28811	TMELFHEEVSR	AGAP008297-PA	M2(Oxidation)	63	7.61E-06	1	1377.648	0.88	Ovary	3R:+:8637944-8637976	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_30422	TFITTDANPFYDSFVR	AGAP008297-PA	-	68	3.00E-06	2	1893.898	-2.21	Pupa	3R:+:8636906-8636953	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_35264	TFITTDANPFYDSFVR	AGAP008297-PA	-	108	3.01E-10	1	1893.901	-0.6	Ovary	3R:+:8636906-8636953	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_35284	LHLGHAFSLSK	AGAP008297-PA	-	81	5.89E-08	1	1209.674	-0.02	Ovary	3R:+:8636471-8636503	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_35735	EVLGLNAEYLR	AGAP008297-PA	-	79	1.47E-07	2	1276.692	1.52	Pupa	3R:+:8639384-8639416	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_37881	GTGIVTSVPSDSPDDYAALVDLQK	AGAP008297-PA	-	191	1.41E-18	1	2448.221	2.99	Ovary	3R:+:8637452-8637523	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_38298	EFNFWYPVDLR	AGAP008297-PA	-	49	0.000182924	2	1485.722	3.9	Head	3R:+:8638283-8638315	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_41117	VIYALPMLSIK	AGAP008297-PA	-	35	0.000976975	2	1247.740	-2.97	Midgut	3R:+:8637410-8637442	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_42147	ALVAKPSDGTIWVAK	AGAP008297-PA	-	73	1.79E-07	1	1555.892	5.09	Malpighian tubule	3R:+:8639102-8639146	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_43018	LHLGHAFSLSK	AGAP008297-PA	-	61	4.93E-06	1	1209.673	-0.7	Salivary gland	3R:+:8636471-8636503	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_44478	FANTDHWLDYFPPLAIR	AGAP008297-PA	-	87	2.95E-08	1	2076.040	3	Ovary	3R:+:8636816-8636866	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_44999	EFNFWYPVDLR	AGAP008297-PA	-	59	1.63E-05	2	1485.716	0.12	Midgut	3R:+:8638283-8638315	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_47386	EIELYGCPPVFPR	AGAP008297-PA	C7(Carbamidomethyl)	49	0.000215534	1	1576.785	1.15	Male reproductive organs	3R:+:8636615-8636653	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_50395	NTLELDTLTVR	AGAP008297-PA	-	81	1.34E-07	1	1274.696	0.39	Ovary	3R:+:8639417-8639449	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_53679	SDGNFLTLYESIAK	AGAP008297-PA	-	52	8.89E-05	2	1557.793	8.32	Larva	3R:+:8638460-8638501	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_56932	NFEHCLDWLHEYACSR	AGAP008297-PA	C5(Carbamidomethyl), C14(Carbamidomethyl)	86	1.49E-08	1	2136.911	4.4	Midgut	3R:+:8637977-8638024	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_57001	EVLGLNAEYLR	AGAP008297-PA	-	60	1.03E-05	1	1276.695	4.2	Ovary	3R:+:8639384-8639416	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_60099	GTGIVTSVPSDSPDDYAALVDLQKK	AGAP008297-PA	-	34	0.005858884	1	2576.300	-3.56	Ovary	3R:+:8637452-8637526	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_61254	NTLELDTLTVR	AGAP008297-PA	-	77	3.43E-07	2	1274.695	0.2	Malpighian tubule	3R:+:8639417-8639449	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_61299	DLKELGAHIDWR	AGAP008297-PA	-	52	8.64E-05	1	1452.761	0.91	Ovary	3R:+:8636867-8636902	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_61478	VTIEEGEFK	AGAP008297-PA	-	40	0.001167535	1	1051.533	2.45	Ovary	3R:+:8639824-8639850	exon=> In CDS Exon 3 of transcript AGAP008297-PA
JHU_Ag_62064	SSGEGVGPQEYTLIK	AGAP008297-PA	-	42	0.001083024	2	1564.786	0.58	Midgut	3R:+:8637056-8637100	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_62203	LYTFIEWVK	AGAP008297-PA	-	42	0.000559112	2	1198.651	0.49	Ovary	3R:+:8638601-8638627	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_63317	SSGEGVGPQEYTLIK	AGAP008297-PA	-	56	4.30E-05	1	1564.795	6.2	Malpighian tubule	3R:+:8637056-8637100	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_63591	SDGNFLTLYESIAK	AGAP008297-PA	-	57	2.94E-05	2	1557.782	1.34	Visceras	3R:+:8638460-8638501	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_64784	ELVYLK	AGAP008297-PA	-	31	0.002055156	1	764.455	0.12	Ovary	3R:+:8637692-8637709	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_66087	SDGNFLTLYESIAK	AGAP008297-PA	-	85	4.18E-08	1	1557.786	4.24	Ovary	3R:+:8638460-8638501	exon=> In CDS Exon 2 of transcript AGAP008297-PA

JHU_Ag_67237	DAWEQLKR	AGAP008297-PA	-	53	7.87E-05	1	1045.543	0.43	Malpighian tubule	3R:+:8638259-8638282	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_68262	ALVAKPSDGTIWVAK	AGAP008297-PA	-	32	0.002404629	1	1555.886	0.77	Male reproductive organs	3R:+:8639102-8639146	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_70897	EDKGTGIVTSVPSDSPDDYAALVDLQK	AGAP008297-PA	-	58	2.19E-05	1	2820.380	0.64	Ovary	3R:+:8637443-8637523	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_72010	FANTDHWLDYFPPLAIR	AGAP008297-PA	-	36	0.004114639	1	2076.046	5.73	Head	3R:+:8636816-8636866	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_72158	ERVEAVGGPGK	AGAP008297-PA	-	65	2.66E-06	1	1098.590	-0.23	Ovary	3R:+:8639315-8639347	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_72676	GTGIVTSVPSDSPDDYAALVDLQK	AGAP008297-PA	-	88	2.86E-08	2	2448.217	1.2	Head	3R:+:8637452-8637523	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_73987	TSILHAAWPAVGPIDEQK	AGAP008297-PA	-	73	5.28E-07	2	1933.021	1.51	Ovary	3R:+:8638943-8638996	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_74355	EEALAVVEKPEDRDVVPK	AGAP008297-PA	-	83	4.00E-08	1	2023.081	5	Malpighian tubule	3R:+:8636654-8636707	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_74487	SSGEGVGPQEYTLIK	AGAP008297-PA	-	98	2.54E-09	1	1564.787	0.97	Ovary	3R:+:8637056-8637100	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_77153	ALVAKPSDGTIWVAK	AGAP008297-PA	-	54	1.67E-05	1	1555.884	-0.25	Ovary	3R:+:8639102-8639146	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_77281	VIYALPMLSIKEDK	AGAP008297-PA	M7(Oxidation)	32	0.004181504	1	1635.903	0	Ovary	3R:+:8637410-8637451	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_78342	EEALAVVEKPEDR	AGAP008297-PA	-	70	1.40E-06	1	1484.762	1.56	Malpighian tubule	3R:+:8636654-8636692	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_78977	YTDEPDAPEK	AGAP008297-PA	-	63	3.89E-06	2	1164.507	1.65	Pupa	3R:+:8639450-8639479	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_80596	TFITTDANPFYDSFVR	AGAP008297-PA	-	72	1.12E-06	1	1893.906	2.11	Visceras	3R:+:8636906-8636953	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_84198	ELAELVGQDIMGLQLSAPLTSNK	AGAP008297-PA	-	60	6.91E-06	1	2427.284	1.53	Salivary gland	3R:+:8637341-8637409	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_86315	VIYALPMLSIK	AGAP008297-PA	M7(Oxidation)	39	0.000323478	1	1247.744	0.95	Ovary	3R:+:8637410-8637442	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_89437	NEADVYYEPEK	AGAP008297-PA	-	55	2.29E-05	2	1356.597	1.13	Ovary	3R:+:8637803-8637835	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_89573	ADLSALEIMRYEDPVMGPR	AGAP008297-PA	M16(Oxidation),"M9(Oxidation), M16(Oxidation)"	92	1.03E-08	1	2195.058	4.94	Malpighian tubule	3R:+:8639660-8639660,8639732-8639787	exon=> In CDS Exon 2 and 3 of transcript AGAP008297-PA
JHU_Ag_89801	ADLSALEIMR	AGAP008297-PA	M9(Oxidation)	53	7.06E-05	2	1134.582	-0.5	Salivary gland	3R:+:8639660-8639660,8639732-8639760	exon=> In CDS Exon 2 and 3 of transcript AGAP008297-PA
JHU_Ag_90652	ADLSALEIMR	AGAP008297-PA	M9(Oxidation)	71	1.06E-06	2	1118.587	-0.26	Ovary	3R:+:8639660-8639660,8639732-8639760	exon=> In CDS Exon 2 and 3 of transcript AGAP008297-PA
JHU_Ag_92198	GFYDGVMLVGEHK	AGAP008297-PA	M7(Oxidation)	72	8.93E-07	1	1467.695	1.18	Ovary	3R:+:8637710-8637748	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_92385	VIYALPMLSIK	AGAP008297-PA	M7(Oxidation)	36	0.000908298	1	1263.736	-1.71	Malpighian tubule	3R:+:8637410-8637442	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_94504	SGLFTVTMNLSDGDTSK	AGAP008297-PA	M8(Oxidation)	80	1.42E-07	2	1788.838	3.06	Ovary	3R:+:8639570-8639620	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_96543	LALKNATQQK	AGAP008297-PA	-	52	5.29E-05	1	1114.661	3.02	Malpighian tubule	3R:+:8639042-8639071	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_96606	YTDEPDAPEK	AGAP008297-PA	-	62	4.49E-06	2	1164.507	0.92	Head	3R:+:8639450-8639479	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_96730	TFITTDANPFYDSFVR	AGAP008297-PA	-	91	1.40E-08	2	1893.902	0.3	Midgut	3R:+:8636906-8636953	exon=> In CDS Exon 2 of transcript AGAP008297-PA

JHU_Ag_97151	KGPQDASINDQVFSSEMNLLTK	AGAP008297-PA	-	91	1.04E-08	1	2422.207	6.35	Malpighian tubule	3R:+:8638658-8638723	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_97864	GPQDASINDQVFSSEMNLLTK	AGAP008297-PA	-	38	0.002266564	2	2294.094	-1.29	Ovary	3R:+:8638661-8638723	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_97981	SDGNFLTLYESIAK	AGAP008297-PA	-	78	2.08E-07	2	1557.787	4.63	Head	3R:+:8638460-8638501	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_98111	ERVEAVGGPGK	AGAP008297-PA	-	71	6.72E-07	1	1098.594	2.99	Malpighian tubule	3R:+:8639315-8639347	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_99404	FLVTFPYPYMNGR	AGAP008297-PA	M10(Oxidation), N11(Deamidated)	42	0.000889754	1	1621.768	-2.23	Midgut	3R:+:8636432-8636470	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_101526	GPQDASINDQVFSSEMNLLTK	AGAP008297-PA	-	75	3.91E-07	2	2294.110	5.84	Malpighian tubule	3R:+:8638661-8638723	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_105420	EEALAVVEKPEDR	AGAP008297-PA	-	90	1.42E-08	1	1484.769	6.41	Head	3R:+:8636654-8636692	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_105443	EIELYGCPPVFPR	AGAP008297-PA	C7(Carbamidomethyl)	71	1.31E-06	2	1576.788	3.09	Head	3R:+:8636615-8636653	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_105724	EIELYGCPPVFPR	AGAP008297-PA	C7(Carbamidomethyl)	52	9.29E-05	2	1576.782	-0.47	Midgut	3R:+:8636615-8636653	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_106999	EEALAVVEKPEDRDVVPK	AGAP008297-PA	-	113	4.27E-11	1	2023.072	0.75	Ovary	3R:+:8636654-8636707	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_116844	GFYDGVMLVGEHK	AGAP008297-PA	M7(Oxidation)	43	0.000783625	2	1467.700	4.18	Salivary gland	3R:+:8637710-8637748	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_116866	ELVYLK	AGAP008297-PA	-	28	0.004417312	2	764.458	3.7	Malpighian tubule	3R:+:8637692-8637709	exon=> In CDS Exon 2 of transcript AGAP008297-PA
JHU_Ag_59327	AGLGELEHSIGVIEHITEQEIK	AGAP008299-PA,AGAP008299-PB	-	134	3.37E-13	1	2402.254	-1.04	Ovary	3R:+:8741201-8741266;3R:+:8741201-8741266	exon=> In CDS Exon 1 of transcript AGAP008299-PA;exon=> In CDS Exon 2 of transcript AGAP008299-PB
JHU_Ag_36286	ILALVPPWTR	AGAP008300-PA	-	30	0.001346422	2	1165.713	3.48	Malpighian tubule	3R:-:8743039-8743010	exon=> In CDS Exon 3 of transcript AGAP008300-PA
JHU_Ag_44199	KPLGVGLSR	AGAP008300-PA	-	30	0.00265683	1	926.579	0.86	Visceras	3R:-:8744217-8744229,8743903-8744128	exon=> In CDS Exon 2 and 1 of transcript AGAP008300-PA
JHU_Ag_52415	ILALVPPWTR	AGAP008300-PA	-	28	0.001583885	2	1165.712	2.64	Ovary	3R:-:8743039-8743010	exon=> In CDS Exon 3 of transcript AGAP008300-PA
JHU_Ag_72735	LVDIIAAVPHEAK	AGAP008300-PA	-	48	4.85E-05	3	1375.796	0.77	Ovary	3R:-:8743992-8743954	exon=> In CDS Exon 2 of transcript AGAP008300-PA
JHU_Ag_90982	ISSNYGLESAPR	AGAP008300-PA	-	79	1.58E-07	2	1293.646	1.76	Ovary	3R:-:8744028-8743993	exon=> In CDS Exon 2 of transcript AGAP008300-PA
JHU_Ag_11511	NPPGFAFVEFEDAR	AGAP008303-PA	-	106	3.77E-10	1	1595.749	0.29	Ovary	3R:-:8751903-8751862	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_17797	VYVGELGNNASK	AGAP008303-PA	-	71	1.24E-06	2	1250.637	-0.56	Head	3R:-:8751999-8751964	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_29080	VYVGELGNNASKQDIEEAFGYYGPLR	AGAP008303-PA	-	40	0.001544677	1	2889.414	3.01	Malpighian tubule	3R:-:8751999-8751922	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_31983	NPPGFAFVEFEDARDAEDAVR	AGAP008303-PA	-	48	0.000195531	1	2352.092	1.2	Visceras	3R:-:8751903-8751841	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_48259	NPPGFAFVEFEDARDAEDAVR	AGAP008303-PA	-	48	0.000236986	1	2352.083	-2.69	Ovary	3R:-:8751903-8751841	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_63989	QDIEEAFGYYGPLR	AGAP008303-PA	-	88	2.26E-08	2	1657.785	-0.61	Ovary	3R:-:8751963-8751922	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_69412	NPPGFAFVEFEDAR	AGAP008303-PA	-	77	2.79E-07	2	1595.750	0.83	Head	3R:-:8751903-8751862	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_71928	VYVGELGNNASKQDIEEAFGYYGPLR	AGAP008303-PA	-	65	4.53E-06	1	2889.409	1.3	Head	3R:-:8751999-8751922	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_77819	VYVGELGNNASK	AGAP008303-PA	-	93	7.89E-09	1	1250.636	-1.25	Ovary	3R:-:8751999-8751964	exon=> In CDS Exon 1 of transcript AGAP008303-PA

JHU_Ag_85458	NPPGFAFVEFEDAR	AGAP008303-PA	-	75	5.19E-07	1	1595.752	1.67	Male reproductive organs	3R:-:8751903-8751862	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_103607	NPPGFAFVEFEDARDAEDAVR	AGAP008303-PA	-	95	4.74E-09	1	2352.102	5.4	Malpighian tubule	3R:-:8751903-8751841	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_105321	QDIEEAFGYYGPLR	AGAP008303-PA	-	86	3.62E-08	1	1657.788	1.31	Head	3R:-:8751963-8751922	exon=> In CDS Exon 1 of transcript AGAP008303-PA
JHU_Ag_60638	HNTLIYDILGPK	AGAP008304-PA	-	68	1.14E-06	2	1383.762	-0.63	Head	3R:+:8782123-8782158	exon=> In CDS Exon 4 of transcript AGAP008304-PA
JHU_Ag_94933	IGDLGQLLR	AGAP008304-PA	Q6(Deamidated)	35	0.003337212	1	985.578	10.85	Male reproductive organs	3R:+:8782568-8782571,8793107-8793129	exon=> In CDS Exon 5 and 6 of transcript AGAP008304-PA
JHU_Ag_3629	TVATPFVPFAVLELK	AGAP008305-PA	-	37	0.000457533	2	1631.947	3.55	Male reproductive organs	3R:-:8807443-8807399	exon=> In CDS Exon 3 of transcript AGAP008305-PA
JHU_Ag_8932	LQANVPQPFIR	AGAP008305-PA	-	55	1.59E-05	1	1282.728	1.08	Ovary	3R:-:8805559-8805527	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_10497	TVATPFVPFAVLELK	AGAP008305-PA	-	46	4.86E-05	2	1631.947	4.07	Salivary gland	3R:-:8807443-8807399	exon=> In CDS Exon 3 of transcript AGAP008305-PA
JHU_Ag_10644	NMGPAGDAQQDENYPQTVGAGR	AGAP008305-PA	-	81	8.27E-08	2	2276.010	4.52	Malpighian tubule	3R:-:8804377-8804312	exon=> In CDS Exon 6 of transcript AGAP008305-PA
JHU_Ag_12099	FVYSAMHGVGYPFVVK	AGAP008305-PA	M6(Oxidation)	86	3.99E-08	1	1816.918	4.81	Head	3R:-:8805499-8805452	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_16411	TVATPFVPFAVLELK	AGAP008305-PA	-	30	0.002324999	2	1631.947	3.62	Larva	3R:-:8807443-8807399	exon=> In CDS Exon 3 of transcript AGAP008305-PA
JHU_Ag_17429	DLTTGYDSSQPDGR	AGAP008305-PA	Q10(Deamidated)	89	1.03E-08	2	1511.664	1.95	Head	3R:-:8804290-8804249	exon=> In CDS Exon 6 of transcript AGAP008305-PA
JHU_Ag_17558	IRNMGPAGDAQQDENYPQTVGAGR	AGAP008305-PA	M4(Oxidation)	85	4.21E-08	1	2561.180	0.21	Malpighian tubule	3R:-:8804383-8804312	exon=> In CDS Exon 6 of transcript AGAP008305-PA
JHU_Ag_18516	SIANVDGLNFIETLTGFK	AGAP008305-PA	-	145	3.53E-14	1	1939.027	4.87	Ovary	3R:-:8804999-8804946	exon=> In CDS Exon 5 of transcript AGAP008305-PA
JHU_Ag_21660	DLTTGYDSSQPDGR	AGAP008305-PA	-	55	2.56E-05	2	1511.665	2.52	Midgut	3R:-:8804290-8804249	exon=> In CDS Exon 6 of transcript AGAP008305-PA
JHU_Ag_22401	LTFGTAGLR	AGAP008305-PA	-	45	0.000240353	2	935.535	4.1	Ovary	3R:-:8808303-8808277	exon=> In CDS Exon 2 of transcript AGAP008305-PA
JHU_Ag_25376	DLTTGYDSSQPDGR	AGAP008305-PA	-	82	5.02E-08	2	1511.664	1.79	Ovary	3R:-:8804290-8804249	exon=> In CDS Exon 6 of transcript AGAP008305-PA
JHU_Ag_27172	IADVRDLTTGYDSSQPDGR	AGAP008305-PA	-	94	6.72E-09	1	2065.981	0.98	Malpighian tubule	3R:-:8804305-8804249	exon=> In CDS Exon 6 of transcript AGAP008305-PA
JHU_Ag_30182	MEFDSGSAELNQR	AGAP008305-PA	N-Term(Acetyl), M1(Oxidation)	32	0.003587627	2	1541.655	0.87	Ovary	3R:-:8808564-8808526	exon=> In CDS Exon 1 of transcript AGAP008305-PA
JHU_Ag_43348	KLQANVPQPFIR	AGAP008305-PA	-	56	9.66E-06	1	1410.826	3.23	Malpighian tubule	3R:-:8805562-8805527	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_57383	MEFDSGSAELNQR	AGAP008305-PA	N-Term(Acetyl)	84	2.81E-08	1	1525.664	3.06	Malpighian tubule	3R:-:8808564-8808526	exon=> In CDS Exon 1 of transcript AGAP008305-PA
JHU_Ag_59566	LPAVVAVPEQR	AGAP008305-PA	-	58	5.56E-06	1	1178.694	4.04	Ovary	3R:-:8805433-8805401	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_62837	LPAVVAVPEQR	AGAP008305-PA	-	34	0.001680586	2	1178.689	-0.31	Head	3R:-:8805433-8805401	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_65183	SLSDCYLIASTVSSK	AGAP008305-PA	C5(Carbamidomethyl)	98	2.52E-09	2	1630.800	0.33	Ovary	3R:-:8805053-8805009	exon=> In CDS Exon 5 of transcript AGAP008305-PA
JHU_Ag_67718	SLSDCYLIASTVSSK	AGAP008305-PA	C5(Carbamidomethyl)	43	0.000780128	2	1630.803	2.28	Salivary gland	3R:-:8805053-8805009	exon=> In CDS Exon 5 of transcript AGAP008305-PA
JHU_Ag_68682	LPAVVAVPEQR	AGAP008305-PA	-	47	6.73E-05	1	1178.691	1.56	Male reproductive organs	3R:-:8805433-8805401	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_78785	LTFGTAGLR	AGAP008305-PA	-	56	2.23E-05	2	935.531	-0.14	Male reproductive organs	3R:-:8808303-8808277	exon=> In CDS Exon 2 of transcript AGAP008305-PA

JHU_Ag_79667	LPAVVAVPEQR	AGAP008305-PA	-	47	6.67E-05	2	1178.692	2.18	Pupa	3R:-:8805433-8805401	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_82013	YLLQCYPSAEDR	AGAP008305-PA	C5(Carbamidomethyl)	39	0.001316517	1	1514.696	1.33	Salivary gland	3R:-:8808204-8808169	exon=> In CDS Exon 2 of transcript AGAP008305-PA
JHU_Ag_83108	LTFGTAGLR	AGAP008305-PA	-	65	2.55E-06	2	935.533	1.95	Malpighian tubule	3R:-:8808303-8808277	exon=> In CDS Exon 2 of transcript AGAP008305-PA
JHU_Ag_86426	KLQANVPQPFIR	AGAP008305-PA	-	62	2.36E-06	1	1410.822	0.2	Ovary	3R:-:8805562-8805527	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_92994	LPAVVAVPEQRDPDPEFR	AGAP008305-PA	-	81	9.41E-08	1	2035.062	0.39	Ovary	3R:-:8805433-8805380	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_94891	LPAVVAVPEQRDPDPEFR	AGAP008305-PA	-	78	1.55E-07	1	2035.064	1.38	Salivary gland	3R:-:8805433-8805380	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_97997	YLLQCYPSAEDR	AGAP008305-PA	C5(Carbamidomethyl)	55	3.11E-05	2	1514.693	-0.93	Midgut	3R:-:8808204-8808169	exon=> In CDS Exon 2 of transcript AGAP008305-PA
JHU_Ag_104207	LNDPYDQMVELYFR	AGAP008305-PA	-	65	4.69E-06	2	1802.848	3.51	Head	3R:-:8805604-8805563	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_108084	TVATPFVPFAVLELK	AGAP008305-PA	-	53	1.31E-05	2	1631.942	1	Ovary	3R:-:8807443-8807399	exon=> In CDS Exon 3 of transcript AGAP008305-PA
JHU_Ag_115660	LPAVVAVPEQRDPDPEFR	AGAP008305-PA	-	61	8.21E-06	1	2035.071	4.98	Visceras	3R:-:8805433-8805380	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_115816	FVYSAMHGVGYPFVVK	AGAP008305-PA	M6(Oxidation)	36	0.004180109	1	1816.910	0.33	Ovary	3R:-:8805499-8805452	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_116953	LPAVVAVPEQRDPDPEFR	AGAP008305-PA	-	68	1.51E-06	1	2035.067	3	Malpighian tubule	3R:-:8805433-8805380	exon=> In CDS Exon 4 of transcript AGAP008305-PA
JHU_Ag_35750	VDLQQQLVNYSYCTK	AGAP008306-PA,AGAP008306-PB	C13(Carbamidomethyl)	105	5.32E-10	1	1858.904	1.85	Head	3R:+:8810182-8810226;3R:+:8810182-8810226	exon=> In CDS Exon 2 of transcript AGAP008306-PA;exon=> In CDS Exon 1 of transcript AGAP008306-PB
JHU_Ag_49595	LQQMVEDFTACR	AGAP008306-PA,AGAP008306-PB	C11(Carbamidomethyl)	50	0.000118962	1	1497.685	1.55	Head	3R:+:8810086-8810121;3R:+:8810086-8810121	exon=> In CDS Exon 2 of transcript AGAP008306-PA;exon=> In CDS Exon 1 of transcript AGAP008306-PB
JHU_Ag_58966	AKVDLQQQLVNYSYCTK	AGAP008306-PA,AGAP008306-PB	C15(Carbamidomethyl)	127	3.00E-12	1	2058.033	0.12	Salivary gland	3R:+:8810176-8810226;3R:+:8810176-8810226	exon=> In CDS Exon 2 of transcript AGAP008306-PA;exon=> In CDS Exon 1 of transcript AGAP008306-PB
JHU_Ag_69409	LQQMVEDFTACR	AGAP008306-PA,AGAP008306-PB	C11(Carbamidomethyl),"M4(Oxidation),C11(Carbamidomethyl)"	87	1.50E-08	1	1513.679	0.94	Salivary gland	3R:+:8810086-8810121;3R:+:8810086-8810121	exon=> In CDS Exon 2 of transcript AGAP008306-PA;exon=> In CDS Exon 1 of transcript AGAP008306-PB
JHU_Ag_72436	QEATANDPQHDCSDSIQR	AGAP008306-PA,AGAP008306-PB	C12(Carbamidomethyl)	57	1.11E-05	1	2071.884	5.23	Head	3R:+:8810122-8810175;3R:+:8810122-8810175	exon=> In CDS Exon 2 of transcript AGAP008306-PA;exon=> In CDS Exon 1 of transcript AGAP008306-PB
JHU_Ag_97345	AKVDLQQQLVNYSYCTK	AGAP008306-PA,AGAP008306-PB	C15(Carbamidomethyl)	54	5.37E-05	2	2058.041	4.16	Malpighian tubule	3R:+:8810176-8810226;3R:+:8810176-8810226	exon=> In CDS Exon 2 of transcript AGAP008306-PA;exon=> In CDS Exon 1 of transcript AGAP008306-PB
JHU_Ag_102597	VDLQQQLVNYSYCTK	AGAP008306-PA,AGAP008306-PB	C13(Carbamidomethyl)	122	9.56E-12	1	1858.903	1.13	Salivary gland	3R:+:8810182-8810226;3R:+:8810182-8810226	exon=> In CDS Exon 2 of transcript AGAP008306-PA;exon=> In CDS Exon 1 of transcript AGAP008306-PB
JHU_Ag_12922	AISDLQQGLFDLNHCTK	AGAP008307-PA	C15(Carbamidomethyl)	112	1.16E-10	1	1959.962	1.2	Head	3R:+:8811943-8811993	exon=> In CDS Exon 2 of transcript AGAP008307-PA
JHU_Ag_25930	RSNPGYDCSDSIHR	AGAP008307-PA	C8(Carbamidomethyl)	35	0.002014426	1	1663.718	-3.8	Head	3R:+:8811901-8811942	exon=> In CDS Exon 2 of transcript AGAP008307-PA
JHU_Ag_53401	LSLQLEEFAVCK	AGAP008307-PA	C11(Carbamidomethyl)	93	7.23E-09	2	1436.748	1.59	Salivary gland	3R:+:8811865-8811900	exon=> In CDS Exon 2 of transcript AGAP008307-PA
JHU_Ag_54163	LSLQLEEFAVCK	AGAP008307-PA	C11(Carbamidomethyl)	52	9.44E-05	2	1436.748	1.59	Head	3R:+:8811865-8811900	exon=> In CDS Exon 2 of transcript AGAP008307-PA
JHU_Ag_65447	LSLQLEEFAVCKR	AGAP008307-PA	C11(Carbamidomethyl)	90	8.88E-09	1	1592.851	3.01	Salivary gland	3R:+:8811865-8811903	exon=> In CDS Exon 2 of transcript AGAP008307-PA

JHU_Ag_65555	SNPGYDCSDSIHR	AGAP008307-PA	C7(Carbamidomethyl)	83	2.07E-08	1	1507.626	2.2	Head	3R:+:8811904-8811942	exon=> In CDS Exon 2 of transcript AGAP008307-PA
JHU_Ag_84159	AISDLQQGLFDLNHCTK	AGAP008307-PA	C15(Carbamidomethyl)	115	4.98E-11	1	1959.963	1.64	Salivary gland	3R:+:8811943-8811993	exon=> In CDS Exon 2 of transcript AGAP008307-PA
JHU_Ag_95311	TELIGCGSVLFHLAANR	AGAP008307-PA	C6(Carbamidomethyl)	96	2.85E-09	1	1857.968	2.05	Salivary gland	3R:+:8811814-8811864	exon=> In CDS Exon 2 of transcript AGAP008307-PA
JHU_Ag_38978	NLEAVPLTIIDDPK	AGAP008310-PA	-	41	0.000403 82	2	1537.853	3.61	Head	3R:+:8851707-8851748	exon=> In CDS Exon 5 of transcript AGAP008310-PA
JHU_Ag_11653	GVQDLQDHVLVQCDFEIFGQVQGCGF TK	AGAP008311-PA	C13(Carbamidomethyl), C24(Carbamidomethyl)	112	8.62E-11	1	3224.517	0.77	Visceras	3R:+:8857256-8857322,8858984-8859000	exon=> In CDS Exon 1 and 2 of transcript AGAP008311-PA
JHU_Ag_14982	AEFTNWGTCSR	AGAP008311-PA	C9(Carbamidomethyl)	60	5.87E-06	2	1328.569	0.02	Head	3R:+:8860386-8860418	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_20733	IDKAEFTNWGTCSR	AGAP008311-PA	C12(Carbamidomethyl)	109	1.52E-10	1	1684.779	2.3	Visceras	3R:+:8860377-8860418	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_31603	IDKAEFTNWGTCSR	AGAP008311-PA	C12(Carbamidomethyl)	72	9.54E-07	1	1684.782	4.4	Malpighian tubule	3R:+:8860377-8860418	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_37600	AEFTNWGTCSR	AGAP008311-PA	C9(Carbamidomethyl)	84	2.17E-08	2	1328.574	3.97	Malpighian tubule	3R:+:8860386-8860418	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_44824	LAFTDFAIRF	AGAP008311-PA	-	64	4.72E-06	2	1200.646	4.21	Visceras	3R:+:8860419-8860448	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_50040	LAFTDFAIRF	AGAP008311-PA	-	56	3.52E-05	2	1200.648	5.53	Malpighian tubule	3R:+:8860419-8860448	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_59025	LAFTDFAIR	AGAP008311-PA	-	59	8.28E-06	2	1053.575	1.73	Visceras	3R:+:8860419-8860445	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_59138	MVDWLSK	AGAP008311-PA	-	39	0.002256 914	1	878.445	1.36	Visceras	3R:+:8859109-8859110,8860337-8860355	exon=> In CDS Exon 2 and 3 of transcript AGAP008311-PA
JHU_Ag_74900	DNCLALGIK	AGAP008311-PA	C3(Carbamidomethyl)	48	0.000311 314	1	1003.526	1.71	Visceras	3R:+:8859010-8859036	exon=> In CDS Exon 2 of transcript AGAP008311-PA
JHU_Ag_88804	LAFTDFAIR	AGAP008311-PA	-	50	7.47E-05	2	1053.577	4.05	Malpighian tubule	3R:+:8860419-8860445	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_101646	LAFTDFAIR	AGAP008311-PA	-	60	6.95E-06	2	1053.575	1.61	Pupa	3R:+:8860419-8860445	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_110674	LAFTDFAIR	AGAP008311-PA	-	61	5.72E-06	2	1053.576	3	Larva	3R:+:8860419-8860445	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_111974	AEFTNWGTCSR	AGAP008311-PA	C9(Carbamidomethyl)	77	1.24E-07	2	1328.570	1.03	Visceras	3R:+:8860386-8860418	exon=> In CDS Exon 3 of transcript AGAP008311-PA
JHU_Ag_17346	GQFLLFADADGATK	AGAP008315-PA	-	103	6.55E-10	2	1453.735	1.91	Male reproductive organs	3R:+:8872860-8872901	exon=> In CDS Exon 3 of transcript AGAP008315-PA
JHU_Ag_17571	VLALVQNR	AGAP008315-PA	-	45	0.000100 666	1	912.562	-0.29	Male reproductive organs	3R:+:8872794-8872817	exon=> In CDS Exon 3 of transcript AGAP008315-PA
JHU_Ag_18716	LSVIVPAFDEEK	AGAP008315-PA	-	38	0.002252 56	1	1346.721	0.26	Male reproductive organs	3R:+:8872521-8872556	exon=> In CDS Exon 2 of transcript AGAP008315-PA
JHU_Ag_34314	YAIGAWQLR	AGAP008315-PA	-	50	0.000102 429	2	1077.585	1.25	Male reproductive organs	3R:+:8873325-8873351	exon=> In CDS Exon 3 of transcript AGAP008315-PA
JHU_Ag_73874	AHLEEEATAQR	AGAP008315-PA	-	71	9.47E-07	1	1254.614	4.95	Larva	3R:+:8872989-8873021	exon=> In CDS Exon 3 of transcript AGAP008315-PA
JHU_Ag_76312	GQFLLFADADGATK	AGAP008315-PA	-	52	8.29E-05	2	1453.733	0.23	Midgut	3R:+:8872860-8872901	exon=> In CDS Exon 3 of transcript AGAP008315-PA
JHU_Ag_90281	VLALVQNR	AGAP008315-PA	-	54	1.37E-05	1	912.563	0.31	Salivary gland	3R:+:8872794-8872817	exon=> In CDS Exon 3 of transcript AGAP008315-PA
JHU_Ag_93397	AHLEEEATAQR	AGAP008315-PA	-	43	0.000641 921	2	1254.609	1.64	Pupa	3R:+:8872989-8873021	exon=> In CDS Exon 3 of transcript AGAP008315-PA
JHU_Ag_43707	HGSLLNYLR	AGAP008317-PA	-	37	0.003602 784	2	1072.588	-1.99	Head	3R:+:8942722-8942748	exon=> In CDS Exon 9 of transcript AGAP008317-PA

JHU_Ag_1779	KPPNPTSQTPAPGDYKPER	AGAP008318-PA	-	40	0.001484162	1	2080.048	1.14	Head	3R:+:8958540-8958570,8959406-8959431	exon=> In CDS Exon 2 and 3 of transcript AGAP008318-PA
JHU_Ag_16899	YSFGIRPTIDKPDNVPAPGAYSPEK	AGAP008318-PA	-	93	6.10E-09	1	2719.378	2.08	Visceras	3R:+:8960426-8960500	exon=> In CDS Exon 6 of transcript AGAP008318-PA
JHU_Ag_22634	GPGPQYLLPQLLGTK	AGAP008318-PA	-	48	4.74E-05	1	1581.906	3.77	Head	3R:+:8957331-8957367,8958268-8958275	exon=> In CDS Exon 1 and 2 of transcript AGAP008318-PA
JHU_Ag_31651	YLTPAPGEYNIEK	AGAP008318-PA	-	34	0.007302708	1	1494.756	5.36	Head	3R:+:8958450-8958488	exon=> In CDS Exon 2 of transcript AGAP008318-PA
JHU_Ag_74333	DTPAPSAYQPEK	AGAP008318-PA	-	99	1.81E-09	1	1303.619	1.58	Head	3R:+:8962720-8962729,8962798-8962823	exon=> In CDS Exon 7 and 8 of transcript AGAP008318-PA
JHU_Ag_90575	IEETPAPGAYQPEK	AGAP008318-PA	-	65	4.74E-06	2	1529.753	3.15	Head	3R:+:8959667-8959682,8959759-8959784	exon=> In CDS Exon 4 and 5 of transcript AGAP008318-PA
JHU_Ag_97858	YANDEVYQIMR	AGAP008319-PA,AGAP012828-PA	N3(Deamidated), Q8(Deamidated), M10(Oxidation)	38	0.000571864	1	1419.589	-14.31	Larva	3R:+:8966913-8966945;UNKN:-:32199908-32199876	exon=> In CDS Exon 1 of transcript AGAP008319-PA;exon=> In CDS Exon 1 of transcript AGAP012828-PA
JHU_Ag_6703	HAGEDGPTGLIPSQELEER	AGAP008321-PA	-	82	1.08E-07	1	2034.977	2	Head	3R:-:9106666-9106610	exon=> In CDS Exon 3 of transcript AGAP008321-PA
JHU_Ag_37024	FLEFGEHNGNLYGTHLDSIR	AGAP008321-PA	-	128	2.29E-12	1	2319.117	0.78	Head	3R:-:9106090-9106031	exon=> In CDS Exon 5 of transcript AGAP008321-PA
JHU_Ag_80760	TLVLVGVAGVGR	AGAP008321-PA	-	84	1.01E-08	2	1140.709	-0.73	Salivary gland	3R:-:9106361-9106326	exon=> In CDS Exon 4 of transcript AGAP008321-PA
JHU_Ag_93451	ITMAGGQVK	AGAP008321-PA	M3(Oxidation), Q7(Deamidated)	36	0.003275059	1	921.479	8.55	Malpighian tubule	3R:-:9107533-9107507	exon=> In CDS Exon 2 of transcript AGAP008321-PA
JHU_Ag_100164	EIGLSFLR	AGAP008321-PA	-	46	0.000170336	2	934.536	0.2	Salivary gland	3R:-:9106744-9106721	exon=> In CDS Exon 3 of transcript AGAP008321-PA
JHU_Ag_108613	GDILQIINVKDPNWWQAK	AGAP008321-PA	-	64	2.32E-06	1	2138.143	1.7	Head	3R:-:9106720-9106667	exon=> In CDS Exon 3 of transcript AGAP008321-PA
JHU_Ag_83260	LEDLAHLR	AGAP008322-PA	-	35	0.002134679	2	966.534	-2.8	Head	3R:-:9112579-9112556	exon=> In CDS Exon 1 of transcript AGAP008322-PA
JHU_Ag_13648	DVVTTAPPTIVHVPDSSK	AGAP008324-PA	-	41	0.000775035	1	1862.990	1.95	Head	3R:+:9139097-9139150	exon=> In CDS Exon 5 of transcript AGAP008324-PA
JHU_Ag_41474	DPEPDVADASVLLSAEK	AGAP008324-PA	-	39	0.001871075	2	1755.869	2.29	Head	3R:+:9138842-9138892	exon=> In CDS Exon 5 of transcript AGAP008324-PA
JHU_Ag_46365	ELSTTADQTTIATVR	AGAP008324-PA	-	45	0.000423768	2	1606.831	1.96	Malpighian tubule	3R:+:9140038-9140082	exon=> In CDS Exon 7 of transcript AGAP008324-PA
JHU_Ag_64801	YGDYDDDEDDEQASPK	AGAP008324-PA	-	98	1.20E-10	2	1861.692	2.08	Midgut	3R:+:9136364-9136411	exon=> In CDS Exon 3 of transcript AGAP008324-PA
JHU_Ag_77945	DSIQR	AGAP008324-PA	Q4(Deamidated)	34	0.008301733	1	619.305	0.62	Head	3R:+:9139604-9139618	exon=> In CDS Exon 5 of transcript AGAP008324-PA
JHU_Ag_90936	AFSYGILELIQK	AGAP008324-PA	-	87	1.44E-08	2	1381.774	0.71	Ovary	3R:+:9139844-9139868,9139946-9139956	exon=> In CDS Exon 6 and 7 of transcript AGAP008324-PA
JHU_Ag_115267	YGDYDDDEDDEQASPK	AGAP008324-PA	-	126	1.54E-13	1	1861.685	-1.6	Head	3R:+:9136364-9136411	exon=> In CDS Exon 3 of transcript AGAP008324-PA
JHU_Ag_116928	AVAADLAEKLR	AGAP008324-PA	-	29	0.011979015	1	1156.657	-10.15	Midgut	3R:+:9139550-9139582	exon=> In CDS Exon 5 of transcript AGAP008324-PA
JHU_Ag_64526	EHPGIPLFYLHNASVPTLVQPSEAHR	AGAP008325-PA	-	71	5.87E-07	1	2909.525	6.62	Ovary	3R:-:9142005-9141928	exon=> In CDS Exon 2 of transcript AGAP008325-PA
JHU_Ag_18849	LNVMILGIDAVSRLNLHR	AGAP008326-PA	N2(Deamidated)	25	0.010834755	1	2035.145	-1.66	Midgut	3R:-:9144540-9144487	exon=> In CDS Exon 1 of transcript AGAP008326-PA

JHU_Ag_13226	FSGEGEPHMDGEPGDLILK	AGAP008327-PA	M9(Oxidation)	77	2.49E-07	1	2043.929	-1.74	Male reproductive organs	3R:-:9151784-9151728	exon=> In CDS Exon 2 of transcript AGAP008327-PA
JHU_Ag_29517	NKPVMKPASGTR	AGAP008327-PA	M5(Oxidation)	50	0.000159164	1	1301.700	0.19	Male reproductive organs	3R:-:9151988-9151953	exon=> In CDS Exon 2 of transcript AGAP008327-PA
JHU_Ag_44605	FQDLGAAYEVLSDDDKR	AGAP008327-PA	-	48	0.000275633	1	1941.920	0.49	Pupa	3R:-:9152246-9152196	exon=> In CDS Exon 2 of transcript AGAP008327-PA
JHU_Ag_45522	TIEIEIEPGMENGQETR	AGAP008327-PA	M10(Oxidation)	36	0.003389441	1	1961.908	-2.37	Male reproductive organs	3R:-:9151835-9151785	exon=> In CDS Exon 2 of transcript AGAP008327-PA
JHU_Ag_57874	FQDLGAAYEVLSDDDK	AGAP008327-PA	-	132	8.09E-13	2	1785.823	2.92	Head	3R:-:9152246-9152199	exon=> In CDS Exon 2 of transcript AGAP008327-PA
JHU_Ag_1657	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	119	2.18E-11	1	1617.817	0.99	Salivary gland	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_2424	HAFEIMHLLTGENPLQIVVHAIINSGPR	AGAP008329-PA	M6(Oxidation)	221	2.66E-22	1	3122.664	2.17	Ovary	3R:-:9180062-9179979	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_11085	RQAVDVSPLR	AGAP008329-PA	-	39	0.000757408	2	1140.648	-0.6	Male reproductive organs	3R:-:9179939-9179910	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_11861	LTNSLMMKGR	AGAP008329-PA	M6(Oxidation), M7(Oxidation)	48	0.000201793	2	1182.598	0.48	Malpighian tubule	3R:-:9180131-9180102	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_14905	VNQAIWLLCTGAR	AGAP008329-PA	C9(Carbamidomethyl)	98	2.32E-09	2	1501.795	0.58	Male reproductive organs	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_22023	AQCPIVER	AGAP008329-PA	C3(Carbamidomethyl)	54	3.17E-05	1	972.492	-0.84	Midgut	3R:-:9180155-9180132	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_22080	KAQCPIVER	AGAP008329-PA	C4(Carbamidomethyl)	55	3.02E-05	1	1100.589	0.81	Malpighian tubule	3R:-:9180158-9180132	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_25355	GSSNSYAIK	AGAP008329-PA	-	47	0.000218435	2	926.459	1.52	Salivary gland	3R:-:9179289-9179263	exon=> In CDS Exon 4 of transcript AGAP008329-PA
JHU_Ag_27854	GSSNSYAIK	AGAP008329-PA	-	56	2.82E-05	2	926.457	-0.92	Male reproductive organs	3R:-:9179289-9179263	exon=> In CDS Exon 4 of transcript AGAP008329-PA
JHU_Ag_28092	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	125	6.40E-12	1	1617.821	3.71	Malpighian tubule	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_28594	LTNSLMMK	AGAP008329-PA	M6(Oxidation), M7(Oxidation)	54	4.78E-05	1	969.476	1.19	Ovary	3R:-:9180131-9180108	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_31725	RQAVDVSPLR	AGAP008329-PA	-	44	0.000235717	2	1140.647	-0.92	Head	3R:-:9179939-9179910	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_32400	QAVDVSPLR	AGAP008329-PA	-	63	3.62E-06	2	984.547	-0.71	Midgut	3R:-:9179936-9179910	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_44324	KAQCPIVER	AGAP008329-PA	C4(Carbamidomethyl)	52	6.30E-05	2	1100.588	-0.41	Male reproductive organs	3R:-:9180158-9180132	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_48557	VNQAIWLLCTGAR	AGAP008329-PA	C9(Carbamidomethyl),"Q3 (Deamidated), C9(Carbamidomethyl)","N 2(Deamidated), C9(Carbamidomethyl)"	102	8.33E-10	2	1501.796	0.74	Head	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_49336	YLPHSAGR	AGAP008329-PA	-	42	0.000670424	1	900.471	2.2	Male reproductive organs	3R:-:9180203-9180180	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_49807	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	126	4.77E-12	1	1617.816	0.54	Male reproductive organs	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_51440	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	36	0.002756 72	3	1657.896	0.49	Salivary gland	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_54503	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	86	2.45E-08	1	1657.895	-0.24	Male reproductive organs	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_56768	QAVDVSPLRR	AGAP008329-PA	-	38	0.000973486	3	1140.649	0.48	Malpighian tubule	3R:-:9179936-9179907	exon=> In CDS Exon 2 of transcript AGAP008329-PA

JHU_Ag_56973	VNQAIWLLCTGAR	AGAP008329-PA	C9(Carbamidomethyl)	102	9.52E-10	1	1501.795	0.5	Midgut	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_60543	YLPHSAGR	AGAP008329-PA	-	42	0.000645566	1	900.469	0.77	Malpighian tubule	3R:-:9180203-9180180	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_60808	AQCPIVER	AGAP008329-PA	C3(Carbamidomethyl)	49	0.000123421	1	972.492	-1.22	Malpighian tubule	3R:-:9180155-9180132	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_60861	VNQAIWLLCTGAR	AGAP008329-PA	C9(Carbamidomethyl)	100	1.38E-09	1	1501.802	4.72	Malpighian tubule	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_62819	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	113	9.56E-11	1	1617.811	-2.63	Midgut	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_64130	VNQAIWLLCTGAR	AGAP008329-PA	Q3(Deamidated), C9(Carbamidomethyl),"N2 (Deamidated), Q3(Deamidated), C9(Carbamidomethyl)"	49	0.000220031	1	1503.784	14.04	Pupa	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_66554	AQCPIVER	AGAP008329-PA	C3(Carbamidomethyl)	54	3.02E-05	1	972.495	2.17	Male reproductive organs	3R:-:9180155-9180132	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_66939	GSSNSYAIKK	AGAP008329-PA	-	61	9.26E-06	1	1054.554	1.16	Malpighian tubule	3R:-:9179289-9179260	exon=> In CDS Exon 4 of transcript AGAP008329-PA
JHU_Ag_72957	QAVDVSPLR	AGAP008329-PA	-	33	0.003672374	1	984.549	1.53	Pupa	3R:-:9179936-9179910	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_79400	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	115	5.79E-11	1	1617.820	2.65	Visceras	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_79876	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	118	2.87E-11	1	1617.825	6.2	Larva	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_82465	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	86	2.60E-08	1	1657.896	0.35	Larva	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_82787	RQAVDVSPLR	AGAP008329-PA	-	44	0.00026812	2	1140.648	-0.6	Visceras	3R:-:9179939-9179910	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_84618	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	111	1.53E-10	1	1617.820	2.58	Ovary	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_84775	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	83	5.96E-08	1	1657.895	-0.46	Head	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_85437	VNQAIWLLCTGAR	AGAP008329-PA	C9(Carbamidomethyl)	93	5.70E-09	2	1501.799	3.34	Ovary	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_86941	RQAVDVSPLR	AGAP008329-PA	-	40	0.000588019	1	1140.648	-0.82	Ovary	3R:-:9179939-9179910	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_87743	GSSNSYAIK	AGAP008329-PA	-	44	0.000369251	1	926.459	1.58	Ovary	3R:-:9179289-9179263	exon=> In CDS Exon 4 of transcript AGAP008329-PA
JHU_Ag_92353	VNQAIWLLCTGAR	AGAP008329-PA	C9(Carbamidomethyl)	93	6.20E-09	2	1501.798	2.45	Salivary gland	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_95131	HAFEIMHLLTGENPLQIVVHAIINSGPR	AGAP008329-PA	M6(Oxidation)	80	3.50E-08	1	3122.677	6.32	Larva	3R:-:9180062-9179979	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_95479	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	95	3.53E-09	1	1657.896	0.5	Midgut	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_96296	HAFEIMHLLTGENPLQIVVHAIINSGPR	AGAP008329-PA	M6(Oxidation)	234	1.73E-23	1	3106.663	0.3	Midgut	3R:-:9180062-9179979	exon=> In CDS Exon 2 of transcript AGAP008329-PA

JHU_Ag_97656	VNQAIWLLCTGAR	AGAP008329-PA	C9(Carbamidomethyl)	100	1.28E-09	1	1501.798	2.21	Visceras	3R:-:9179906-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_97784	VNQAIWLLCTGAREAAFR	AGAP008329-PA	C9(Carbamidomethyl)	81	9.59E-08	1	2076.088	3.38	Malpighian tubule	3R:-:9179906-9180236,9179490-9179544	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_100851	WSSDDIDISDISVSDYIAVKEK	AGAP008329-PA	-	116	4.05E-11	1	2485.208	3.85	Malpighian tubule	3R:-:9180396-9180549,9179898-9180213	exon=> In CDS Exon 2 and 1 of transcript AGAP008329-PA
JHU_Ag_103200	GSSNSYAIK	AGAP008329-PA	-	49	0.000105182	2	926.458	0.4	Malpighian tubule	3R:-:9179289-9179263	exon=> In CDS Exon 4 of transcript AGAP008329-PA
JHU_Ag_103403	LTNSLMMK	AGAP008329-PA	M6(Oxidation), M7(Oxidation)	54	5.53E-05	1	937.485	0.41	Malpighian tubule	3R:-:9180131-9180108	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_103450	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	90	9.67E-09	1	1657.902	3.88	Pupa	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_104703	TVAECLADELINAAKGSSNSYAIK	AGAP008329-PA	C5(Carbamidomethyl)	100	1.44E-09	1	2525.274	7.24	Malpighian tubule	3R:-:9179534-9179588,9179221-9179263	exon=> In CDS Exon 4 and 3 of transcript AGAP008329-PA
JHU_Ag_105296	LTNSLMMK	AGAP008329-PA	M6(Oxidation), M7(Oxidation)	54	4.13E-05	1	969.477	2.26	Male reproductive organs	3R:-:9180131-9180108	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_105378	WSSDDIDISDISVSDYIAVK	AGAP008329-PA	-	47	0.000270918	2	2228.075	6.69	Pupa	3R:-:9180396-9180549,9179898-9180219	exon=> In CDS Exon 2 and 1 of transcript AGAP008329-PA
JHU_Ag_108148	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	111	1.65E-10	1	1617.820	2.95	Pupa	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_109779	LTNSLMMK	AGAP008329-PA	M6(Oxidation), M7(Oxidation)	38	0.001605919	2	969.473	-1.52	Midgut	3R:-:9180131-9180108	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_111870	YLPHSAGR	AGAP008329-PA	-	42	0.000593296	1	900.469	0.16	Ovary	3R:-:9180203-9180180	exon=> In CDS Exon 2 of transcript AGAP008329-PA
JHU_Ag_112409	TVAECLADELINAAK	AGAP008329-PA	C5(Carbamidomethyl)	115	5.90E-11	1	1617.821	3.56	Head	3R:-:9179534-9179490	exon=> In CDS Exon 3 of transcript AGAP008329-PA
JHU_Ag_112853	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	94	3.95E-09	1	1657.896	0.35	Malpighian tubule	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_114255	RVNQAIWLLCTGAR	AGAP008329-PA	C10(Carbamidomethyl)	78	1.63E-07	1	1657.902	4.03	Ovary	3R:-:9179909-9180236,9179490-9179559	exon=> In CDS Exon 3 and 2 of transcript AGAP008329-PA
JHU_Ag_116369	WSSDDIDISDISVSDYIAVK	AGAP008329-PA	-	81	1.13E-07	2	2228.063	1.1	Visceras	3R:-:9180396-9180549,9179898-9180219	exon=> In CDS Exon 2 and 1 of transcript AGAP008329-PA
JHU_Ag_117784	WSSDDIDISDISVSDYIAVK	AGAP008329-PA	-	91	1.23E-08	1	2228.060	-0.11	Midgut	3R:-:9180396-9180549,9179898-9180219	exon=> In CDS Exon 2 and 1 of transcript AGAP008329-PA
JHU_Ag_70008	ADEAFENFDEEAAAPQEMDDAVQDDQAAQVYEEAPVVQTAELPEIK	AGAP008329-PA,AGAP012939-PA	N-Term(Acetyl), M18(Oxidation)	84	2.04E-08	1	5124.273	2.68	Ovary	3R:-:9180546-9180409;UNKN:+:41467182-41467319	exon=> In CDS Exon 1 of transcript AGAP008329-PA;exon=> In CDS Exon 1 of transcript AGAP012939-PA
JHU_Ag_39296	DEESSDISEDSDMPR	AGAP008330-PA	M13(Oxidation)	104	2.65E-11	2	1727.658	1.49	Head	3R:-:9184020-9183976	exon=> In CDS Exon 2 of transcript AGAP008330-PA
JHU_Ag_49173	QQLLAKK	AGAP008330-PA	-	40	0.000609415	2	828.532	2.58	Salivary gland	3R:-:9184184-9184164	exon=> In CDS Exon 1 of transcript AGAP008330-PA
JHU_Ag_19975	IDQINSPNEVTTHLLEVLHAR	AGAP008332-PA	-	116	2.24E-11	1	2399.272	1.58	Ovary	3R:-:9198776-9198714	exon=> In CDS Exon 3 of transcript AGAP008332-PA
JHU_Ag_31272	IDQINSPNEVTTHLLEVLHAR	AGAP008332-PA	-	46	0.000219005	1	2399.271	1.37	Salivary gland	3R:-:9198776-9198714	exon=> In CDS Exon 3 of transcript AGAP008332-PA

JHU_Ag_34612	SHVSDIGISR	AGAP008332-PA	-	46	0.000200687	2	1070.558	-1.19	Ovary	3R:-:9198560-9198531	exon=> In CDS Exon 3 of transcript AGAP008332-PA
JHU_Ag_71585	IDQINSPNEVTTHLLEVLHAR	AGAP008332-PA	-	55	2.36E-05	1	2399.271	1.27	Head	3R:-:9198776-9198714	exon=> In CDS Exon 3 of transcript AGAP008332-PA
JHU_Ag_78685	SIMIFK	AGAP008332-PA	M3(Oxidation)	40	0.000722626	2	754.417	0.3	Ovary	3R:-:9198794-9198777	exon=> In CDS Exon 3 of transcript AGAP008332-PA
JHU_Ag_93289	IDQINSPNEVTTHLLEVLHAR	AGAP008332-PA	-	54	3.50E-05	1	2399.270	1.1	Male reproductive organs	3R:-:9198776-9198714	exon=> In CDS Exon 3 of transcript AGAP008332-PA
JHU_Ag_102549	VTYQLEDHTGR	AGAP008332-PA	-	67	3.13E-06	2	1318.638	-0.22	Male reproductive organs	3R:-:9199022-9199216,9198484-9198906	exon=> In CDS Exon 3 and 2 of transcript AGAP008332-PA
JHU_Ag_45197	SSLPIQR	AGAP008334-PA	Q6(Deamidated)	43	0.001117873	2	801.458	14	Salivary gland	3R:+:9395163-9395183	exon=> In CDS Exon 3 of transcript AGAP008334-PA
JHU_Ag_19803	LLLLAGIDNLDR	AGAP008336-PA	-	50	3.98E-05	2	1325.777	-1.16	Head	3R:-:9409940-9409905	exon=> In CDS Exon 5 of transcript AGAP008336-PA
JHU_Ag_22631	VSMPGQIINIETK	AGAP008336-PA	-	55	3.18E-05	2	1429.777	3.43	Malpighian tubule	3R:-:9410328-9410614,9409722-9410226	exon=> In CDS Exon 5 and 4 of transcript AGAP008336-PA
JHU_Ag_74515	FQLQVLAR	AGAP008336-PA	-	30	0.005163807	1	974.580	1.95	Ovary	3R:-:9409874-9409851	exon=> In CDS Exon 5 of transcript AGAP008336-PA
JHU_Ag_79613	LLLLAGIDNLDR	AGAP008336-PA	-	58	5.58E-06	1	1325.778	-0.42	Midgut	3R:-:9409940-9409905	exon=> In CDS Exon 5 of transcript AGAP008336-PA
JHU_Ag_83537	GHGDTYTEEEDDLSAER	AGAP008336-PA	-	85	8.28E-09	2	1923.788	1.91	Ovary	3R:-:9410794-9410744	exon=> In CDS Exon 3 of transcript AGAP008336-PA
JHU_Ag_104277	GHGDTYTEEEDDLSAER	AGAP008336-PA	-	80	2.58E-08	2	1923.787	1.6	Head	3R:-:9410794-9410744	exon=> In CDS Exon 3 of transcript AGAP008336-PA
JHU_Ag_107362	LLLLAGIDNLDR	AGAP008336-PA	-	33	0.001821632	2	1325.780	1.05	Ovary	3R:-:9409940-9409905	exon=> In CDS Exon 5 of transcript AGAP008336-PA
JHU_Ag_8514	SLCDVVK	AGAP008337-PA	C3(Carbamidomethyl)	41	0.001245554	1	820.421	-2.77	Ovary	3R:+:9411870-9411890	exon=> In CDS Exon 2 of transcript AGAP008337-PA
JHU_Ag_16883	QITIADLPGLIEGAHANFGMGHK	AGAP008337-PA	M20(Oxidation)	93	5.73E-09	1	2406.229	2.12	Ovary	3R:+:9412360-9412428	exon=> In CDS Exon 3 of transcript AGAP008337-PA
JHU_Ag_2443	VAQGGLFHTPK	AGAP008338-PA	-	38	0.001183825	1	1154.632	0.14	Male reproductive organs	3R:+:9413630-9413662	exon=> In CDS Exon 1 of transcript AGAP008338-PA
JHU_Ag_23090	SLNTIIESGAFDVEK	AGAP008338-PA	-	41	0.001154149	1	1622.827	-0.27	Male reproductive organs	3R:+:9413939-9413983	exon=> In CDS Exon 2 of transcript AGAP008338-PA
JHU_Ag_96497	ATIQLQIAEK	AGAP008338-PA	-	60	8.86E-06	2	1114.647	0.61	Male reproductive organs	3R:+:9414291-9414320	exon=> In CDS Exon 3 of transcript AGAP008338-PA
JHU_Ag_31264	KDSSFTVTIK	AGAP008339-PA	-	61	6.38E-06	2	1125.616	0.85	Ovary	3R:-:9415200-9415171	exon=> In CDS Exon 1 of transcript AGAP008339-PA
JHU_Ag_32141	LTLLAQSAR	AGAP008339-PA	-	61	5.79E-06	2	972.584	0.15	Ovary	3R:-:9415227-9415201	exon=> In CDS Exon 1 of transcript AGAP008339-PA
JHU_Ag_48589	LTLLAQSAR	AGAP008339-PA	-	52	5.39E-05	2	972.584	0.15	Salivary gland	3R:-:9415227-9415201	exon=> In CDS Exon 1 of transcript AGAP008339-PA
JHU_Ag_86226	LSTVVKR	AGAP008339-PA	-	28	0.001542562	2	802.520	7.18	Ovary	3R:-:9414981-9414961	exon=> In CDS Exon 2 of transcript AGAP008339-PA
JHU_Ag_104227	DSSFTVTIK	AGAP008339-PA	-	40	0.001221008	2	997.521	0.95	Ovary	3R:-:9415197-9415171	exon=> In CDS Exon 1 of transcript AGAP008339-PA
JHU_Ag_4645	LYLSK	AGAP008344-PA,AGAP007696-PA	-	30	0.001850429	1	623.379	3.79	Malpighian tubule	3R:-:9508006-9507992;2L:+:4909612-49096126	exon=> In CDS Exon 1 of transcript AGAP008344-PA;exon=> In CDS Exon 1 of transcript AGAP007696-PA
JHU_Ag_916	IIDCAFTLSFNPK	AGAP008345-PA	C4(Carbamidomethyl)	105	4.35E-10	2	1525.776	2.82	Malpighian tubule	3R:+:9511332-9511370	exon=> In CDS Exon 2 of transcript AGAP008345-PA

JHU_Ag_6816	LIGENGLEAGLAFPTGCSR	AGAP008345-PA	N5(Deamidated), C17(Carbamidomethyl),C17(Carbamidomethyl)	164	6.16E-16	1	1961.983	3.97	Ovary	3R:+:9511173-9511229	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_7285	MHQDIYSELR	AGAP008345-PA	M1(Oxidation)	42	0.000672794	1	1307.603	-1.12	Head	3R:+:9511035-9511064	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_8629	EVVSRGDDY	AGAP008345-PA	-	41	0.000724463	2	1039.470	0.86	Ovary	3R:+:9511962-9511988	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_8761	LIGENGLEAGLAFPTGCSR	AGAP008345-PA	C17(Carbamidomethyl)	100	1.62E-09	1	1961.978	1.73	Midgut	3R:+:9511173-9511229	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_10800	MEENEFYAIETFGSTGR	AGAP008345-PA	M1(Oxidation)	111	5.14E-11	1	1996.862	1.12	Malpighian tubule	3R:+:9511617-9511667	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_11497	SLLGLINR	AGAP008345-PA	-	36	0.00180402	2	885.554	2.43	Malpighian tubule	3R:+:9511755-9511778	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_13953	NHCAAHYTPNAGDPTVLLYDDVTK	AGAP008345-PA	C3(Carbamidomethyl),"N1(Deamidated), C3(Carbamidomethyl)"	96	4.26E-09	1	2672.249	3.01	Ovary	3R:+:9511230-9511301	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_20281	NFGTLAFCKR	AGAP008345-PA	C8(Carbamidomethyl)	50	0.000115586	1	1213.619	3.9	Ovary	3R:+:9511779-9511808	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_21924	GSYTAQYEHTIMLRPTCK	AGAP008345-PA	M12(Oxidation), C17(Carbamidomethyl)	99	1.73E-09	1	2172.022	0.3	Ovary	3R:+:9511908-9511961	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_21992	IIDCAFTLSFNPK	AGAP008345-PA	C4(Carbamidomethyl)	93	7.95E-09	1	1525.776	2.82	Ovary	3R:+:9511332-9511370	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_22313	KPAADEDSDDEALREALAER	AGAP008345-PA	-	59	1.83E-05	1	2201.031	-0.54	Ovary	3R:+:9510272-9510278,9510622-9510674	exon=> In CDS Exon 1 and 2 of transcript AGAP008345-PA
JHU_Ag_23759	NHCAAHYTPNAGDPTVLLYDDVTKIDFGTHIK	AGAP008345-PA	C3(Carbamidomethyl)	85	3.51E-08	1	3583.732	1.27	Ovary	3R:+:9511230-9511325	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_26503	NLNGHSISPYR	AGAP008345-PA	N3(Deamidated)	80	1.32E-07	1	1257.636	1.92	Ovary	3R:+:9511533-9511565	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_37310	LLEAVKEATETGIR	AGAP008345-PA	-	104	3.17E-10	1	1529.856	1.84	Ovary	3R:+:9511380-9511421	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_38452	IHAGKTVPIVK	AGAP008345-PA	-	25	0.001412733	1	1162.720	-9.62	Salivary gland	3R:+:9511566-9511598	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_43140	SLLGLINR	AGAP008345-PA	-	45	0.000232174	2	885.551	-0.61	Midgut	3R:+:9511755-9511778	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_43419	YDKLLEAVK	AGAP008345-PA	-	53	3.11E-05	1	1078.616	1.45	Ovary	3R:+:9511371-9511397	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_45398	RLIGENGLEAGLAFPTGCSR	AGAP008345-PA	C18(Carbamidomethyl)	67	2.80E-06	1	2118.079	1.29	Ovary	3R:+:9511170-9511229	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_48524	IDFGTHIK	AGAP008345-PA	-	41	0.001491298	1	930.501	-3.87	Head	3R:+:9511302-9511325	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_55356	NHCAAHYTPNAGDPTVLLYDDVTK	AGAP008345-PA	C3(Carbamidomethyl)	85	4.39E-08	1	2672.239	-0.9	Malpighian tubule	3R:+:9511230-9511301	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_56293	TVPIVK	AGAP008345-PA	-	27	0.001871727	1	656.434	-0.14	Ovary	3R:+:9511581-9511598	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_57449	MEENEFYAIETFGSTGR	AGAP008345-PA	M1(Oxidation)	85	2.28E-08	1	1996.860	0.2	Midgut	3R:+:9511617-9511667	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_61697	SLLGLINR	AGAP008345-PA	-	50	6.16E-05	1	885.555	4.22	Ovary	3R:+:9511755-9511778	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_62911	SLLGLINR	AGAP008345-PA	-	49	8.86E-05	2	885.554	2.91	Salivary gland	3R:+:9511755-9511778	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_66271	MHQDIYSELR	AGAP008345-PA	M1(Oxidation)	65	4.66E-06	1	1307.606	1.21	Ovary	3R:+:9511035-9511064	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_74314	IDFGTHIK	AGAP008345-PA	-	36	0.003587242	1	930.504	0.07	Ovary	3R:+:9511302-9511325	exon=> In CDS Exon 2 of transcript AGAP008345-PA

JHU_Ag_74611	NFGTLAFCK	AGAP008345-PA	C8(Carbamidomethyl)	53	4.04E-05	1	1057.515	1.64	Ovary	3R:+:9511779-9511805	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_74877	GGETTRMEENEFYAIETFGSTGR	AGAP008345-PA	M7(Oxidation)	87	1.88E-08	1	2598.150	3.49	Ovary	3R:+:9511599-9511667	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_76507	FTSEEKR	AGAP008345-PA	-	37	0.002090207	1	896.449	1.49	Ovary	3R:+:9511002-9511022	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_77224	ASVETKPK	AGAP008345-PA	N-Term(Acetyl)	36	0.004392164	1	901.504	5.53	Male reproductive organs	3R:+:9510134-9510157	exon=> In CDS Exon 1 of transcript AGAP008345-PA
JHU_Ag_80740	LQSSKSLLGLINR	AGAP008345-PA	-	25	0.00239933	3	1428.870	11.33	Head	3R:+:9511740-9511778	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_81644	MEENEFYAIETFGSTGR	AGAP008345-PA	M1(Oxidation)	141	5.49E-14	1	1996.864	2.52	Ovary	3R:+:9511617-9511667	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_82712	EDVEEEVVDENVPAGK	AGAP008345-PA	-	97	2.59E-09	2	1757.811	1.8	Head	3R:+:9510194-9510241	exon=> In CDS Exon 1 of transcript AGAP008345-PA
JHU_Ag_83299	SLLGLINR	AGAP008345-PA	-	44	0.000346588	2	885.551	-0.61	Head	3R:+:9511755-9511778	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_93756	ASVETKPK	AGAP008345-PA	N-Term(Acetyl)	43	0.00089265	1	901.502	3.5	Ovary	3R:+:9510134-9510157	exon=> In CDS Exon 1 of transcript AGAP008345-PA
JHU_Ag_94334	GIVEAYPPLCDVK	AGAP008345-PA	C10(Carbamidomethyl)	51	0.00011542	1	1460.752	4.32	Ovary	3R:+:9511869-9511907	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_95659	NFGTLAFCK	AGAP008345-PA	C8(Carbamidomethyl)	41	0.000759843	1	1057.516	1.98	Salivary gland	3R:+:9511779-9511805	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_98060	ASVETKPK	AGAP008345-PA	N-Term(Acetyl)	46	0.000496411	2	901.500	0.59	Head	3R:+:9510134-9510157	exon=> In CDS Exon 1 of transcript AGAP008345-PA
JHU_Ag_102469	DLCDKGIVEAYPPLCDVK	AGAP008345-PA	C3(Carbamidomethyl), C15(Carbamidomethyl)	69	1.84E-06	1	2092.005	-1.85	Ovary	3R:+:9511854-9511907	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_104058	LIGENGLEAGLAFPTGCSR	AGAP008345-PA	C17(Carbamidomethyl)	62	1.05E-05	1	1961.979	2.1	Visceras	3R:+:9511173-9511229	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_108914	NHCAAHYTPNAGDPTVLLYDDVTK	AGAP008345-PA	C3(Carbamidomethyl)	76	3.92E-07	1	2672.258	6.36	Midgut	3R:+:9511230-9511301	exon=> In CDS Exon 2 of transcript AGAP008345-PA
JHU_Ag_104166	LLEAVK	AGAP008345-PA,AGAP011776-PA	-	30	0.003876756	1	672.429	-0.38	Ovary	3R:+:9511380-9511397;3L:+:3316 2286-33162303	exon=> In CDS Exon 2 of transcript AGAP008345-PA;exon=> In CDS Exon 1 of transcript AGAP011776-PA
JHU_Ag_24045	TNEHTQEFFGGSVK	AGAP008349-PA	-	54	5.45E-05	1	1580.729	-2.96	Head	3R:+:9721463-9721504	exon=> In CDS Exon 1 of transcript AGAP008349-PA
JHU_Ag_36774	LLGQLAPLR	AGAP008349-PA	-	32	0.000443709	1	980.624	-1.13	Malpighian tubule	3R:+:9722282-9722308	exon=> In CDS Exon 2 of transcript AGAP008349-PA
JHU_Ag_41838	LLGQLAPLR	AGAP008349-PA	-	45	2.07E-05	2	980.628	2.91	Ovary	3R:+:9722282-9722308	exon=> In CDS Exon 2 of transcript AGAP008349-PA
JHU_Ag_54851	TNEHTQEFFGGSVK	AGAP008349-PA	-	92	7.50E-09	1	1580.735	0.49	Malpighian tubule	3R:+:9721463-9721504	exon=> In CDS Exon 1 of transcript AGAP008349-PA
JHU_Ag_70491	LLGQLAPLR	AGAP008349-PA	-	39	8.04E-05	2	980.624	-0.82	Midgut	3R:+:9722282-9722308	exon=> In CDS Exon 2 of transcript AGAP008349-PA
JHU_Ag_5876	TDNFLQPGLVDEISR	AGAP008350-PA	-	48	0.000271988	1	1703.866	3.33	Larva	3R:+:9730613-9730657	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_14080	DGFFRTDNFLQPGLVDEISR	AGAP008350-PA	-	36	0.003946265	1	2326.160	5.84	Malpighian tubule	3R:+:9730598-9730657	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_18546	AAFDLPSNFLNPR	AGAP008350-PA	-	40	0.001573251	2	1461.750	1.02	Pupa	3R:+:9731165-9731193,9731277-9731286	exon=> In CDS Exon 4 and 5 of transcript AGAP008350-PA
JHU_Ag_23012	FTEQQLAEIR	AGAP008350-PA	-	63	9.81E-06	1	1234.643	-0.05	Malpighian tubule	3R:+:9731075-9731104	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_23847	FTEQQLAEIR	AGAP008350-PA	-	45	0.000545152	2	1234.648	4.01	Larva	3R:+:9731075-9731104	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_42919	ITDCAQLAR	AGAP008350-PA	C4(Carbamidomethyl)	40	0.002117849	2	1047.529	3.37	Malpighian tubule	3R:+:9731528-9731554	exon=> In CDS Exon 6 of transcript AGAP008350-PA

JHU_Ag_51197	IPFSGFDLIALNIHR	AGAP008350-PA	-	59	7.64E-06	1	1712.948	-0.21	Malpighian tubule	3R:+:9730739-9730783	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_69243	DDVCSAQCGLVLQNAGTPQGR	AGAP008350-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	34	0.004861874	2	2246.033	1.81	Head	3R:+:9731582-9731644	exon=> In CDS Exon 6 of transcript AGAP008350-PA
JHU_Ag_73797	FWYENEDPVVK	AGAP008350-PA	-	45	0.000407267	2	1425.674	3.47	Larva	3R:+:9731042-9731074	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_74336	IGHSLLRPHIPR	AGAP008350-PA	-	29	0.00160213	1	1395.838	3.59	Malpighian tubule	3R:+:9730517-9730552	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_76530	TDNFLQPGLVDEISR	AGAP008350-PA	-	46	0.000464556	2	1703.865	3.19	Pupa	3R:+:9730613-9730657	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_82898	SLSVTGAPLPNPR	AGAP008350-PA	-	46	0.000210288	2	1308.733	4.2	Malpighian tubule	3R:+:9729665-9729703	exon=> In CDS Exon 4 of transcript AGAP008350-PA
JHU_Ag_1040	HSGISR	AGAP008357-PA	-	29	0.006103869	1	656.347	-0.37	Head	3R:-:9871187-9871170	exon=> In CDS Exon 10 of transcript AGAP008357-PA
JHU_Ag_12910	HSGISR	AGAP008357-PA	-	29	0.005937522	1	656.348	0.47	Ovary	3R:-:9871187-9871170	exon=> In CDS Exon 10 of transcript AGAP008357-PA
JHU_Ag_51718	LLAIR	AGAP008358-PA	-	36	0.000604291	1	585.408	0.16	Larva	3R:+:9911770-9911784	exon=> In CDS Exon 1 of transcript AGAP008358-PA
JHU_Ag_12785	VFSVLR	AGAP008358-PA,AGAP001279-PA	-	32	0.001931278	1	720.442	2.59	Malpighian tubule	3R:+:9926963-9926980;2R:-:2218003-2217986	exon=> In CDS Exon 3 of transcript AGAP008358-PA;exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_100677	VFSVLR	AGAP008358-PA,AGAP001279-PA	-	26	0.006947761	1	720.441	1.42	Head	3R:+:9926963-9926980;2R:-:2218003-2217986	exon=> In CDS Exon 3 of transcript AGAP008358-PA;exon=> In CDS Exon 1 of transcript AGAP001279-PA
JHU_Ag_79804	IDQILPYYIMDVGSK	AGAP008359-PA	M10(Oxidation)	47	0.000273035	2	1770.900	1.2	Malpighian tubule	3R:+:10024460-10024504	exon=> In CDS Exon 4 of transcript AGAP008359-PA
JHU_Ag_86554	FLAVPDLR	AGAP008359-PA	-	55	3.46E-05	1	930.543	2.27	Malpighian tubule	3R:+:10024304-10024327	exon=> In CDS Exon 4 of transcript AGAP008359-PA
JHU_Ag_99588	LIFFNMDPNPFVR	AGAP008359-PA	M6(Oxidation)	66	3.39E-06	1	1625.825	6.58	Malpighian tubule	3R:+:10024111-10024124,10024198-10024222	exon=> In CDS Exon 3 and 4 of transcript AGAP008359-PA
JHU_Ag_114079	IDQILPYYIMDVGSK	AGAP008359-PA	-	95	3.67E-09	2	1754.908	2.49	Salivary gland	3R:+:10024460-10024504	exon=> In CDS Exon 4 of transcript AGAP008359-PA
JHU_Ag_34474	QTATPANGNGGGTGESNTGR	AGAP008360-PA	N7(Deamidated), N9(Deamidated)	52	4.47E-05	1	1848.799	1.6	Head	3R:-:10028204-10028535,10027919-10028044	exon=> In CDS Exon 4 and 3 of transcript AGAP008360-PA
JHU_Ag_725	LVPFAIGDISESSYK	AGAP008364-PA	-	60	1.23E-05	1	1625.848	3.62	Malpighian tubule	3R:-:10073359-10073525,10072880-10073210	exon=> In CDS Exon 3 and 2 of transcript AGAP008364-PA
JHU_Ag_2256	ITSPNNDVTLTAK	AGAP008364-PA	-	57	3.19E-05	2	1373.728	0.59	Ovary	3R:-:10062643-10062605	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_3053	LTANIEAK	AGAP008364-PA	-	39	0.002729166	2	859.488	0.06	Pupa	3R:-:10063417-10063394	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_3096	AESDVDSYIR	AGAP008364-PA	-	57	2.45E-05	2	1154.537	3.55	Malpighian tubule	3R:-:10072133-10072104	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_3667	LVPFAIGDISESSYK	AGAP008364-PA	-	81	9.09E-08	1	1625.850	4.97	Head	3R:-:10073359-10073525,10072880-10073210	exon=> In CDS Exon 3 and 2 of transcript AGAP008364-PA
JHU_Ag_4004	QEITLNTGETR	AGAP008364-PA	-	45	0.000531077	2	1261.637	-0.94	Visceras	3R:-:10073392-10073360	exon=> In CDS Exon 2 of transcript AGAP008364-PA
JHU_Ag_4516	QLLVEPEGLPQFINK	AGAP008364-PA	-	32	0.002675794	1	1724.964	3.08	Male reproductive organs	3R:-:10063702-10063658	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_4638	GDVLLSNTIAVPESK	AGAP008364-PA	-	51	7.76E-05	2	1542.840	1.51	Ovary	3R:-:10072001-10071957	exon=> In CDS Exon 4 of transcript AGAP008364-PA

JHU_Ag_6281	VITFDSELQNFMK	AGAP008364-PA	M12(Oxidation)	63	7.66E-06	1	1587.778	3.3	Larva	3R:-:10071854-10072805,10071489-10071735	exon=> In CDS Exon 5 and 4 of transcript AGAP008364-PA
JHU_Ag_6860	FEVTVESPGITTFK	AGAP008364-PA	-	55	3.09E-05	2	1554.812	4.42	Head	3R:-:10072760-10072719	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_7194	GEATVSVSPEFQFHYVQPFAK	AGAP008364-PA	-	41	0.00114559	1	2368.172	4.62	Visceras	3R:-:10072661-10072599	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_8815	LVVYYIAPNGDMVSDSK	AGAP008364-PA	N9(Deamidated), M12(Oxidation),N9(Deamidated)	54	6.05E-05	2	1870.928	1.1	Pupa	3R:-:10071905-10071855	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_9368	GDVLLSNTIAVPESK	AGAP008364-PA	-	51	6.49E-05	1	1542.844	4.12	Head	3R:-:10072001-10071957	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_9910	QLLVEPEGLPQFINK	AGAP008364-PA	-	68	8.07E-07	1	1724.960	1.24	Head	3R:-:10063702-10063658	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_12300	VLVLDPNTKPLQK	AGAP008364-PA	-	71	1.02E-07	1	1464.879	0.3	Pupa	3R:-:10073077-10073039	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_12450	AESDVDSYIR	AGAP008364-PA	-	52	5.55E-05	2	1154.533	0.48	Visceras	3R:-:10072133-10072104	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_14060	SIYKPGDTVR	AGAP008364-PA	-	49	0.000172923	1	1135.612	0.86	Head	3R:-:10073113-10073084	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_15148	VFEVDEYVLPK	AGAP008364-PA	-	101	1.05E-09	2	1337.704	3.82	Larva	3R:-:10072793-10072761	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_15725	GEATVSVSPEFQFHYVQPFAK	AGAP008364-PA	-	73	8.83E-07	1	2368.171	4.31	Larva	3R:-:10072661-10072599	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_15799	SGSTWLTAFVAR	AGAP008364-PA	-	75	3.68E-07	2	1295.677	2.01	Pupa	3R:-:10063303-10063268	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_16548	QKPAPVVIYDYYDNSR	AGAP008364-PA	-	51	0.000133501	1	1927.959	1.95	Malpighian tubule	3R:-:10062045-10062156,10061667-10061892	exon=> In CDS Exon 11 and 10 of transcript AGAP008364-PA
JHU_Ag_17394	QLLVEPEGLPQFINK	AGAP008364-PA	-	63	2.21E-06	2	1724.967	5.35	Malpighian tubule	3R:-:10063702-10063658	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_17821	VSYQDGAPVQDQTNPVEVK	AGAP008364-PA	-	102	1.18E-09	1	2074.009	0.24	Head	3R:-:10072346-10072290	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_18363	GGFQSTQDTVVGLQALAK	AGAP008364-PA	-	101	7.93E-10	2	1819.960	2.99	Pupa	3R:-:10062709-10062656	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_18476	SGSTWLTAFVAR	AGAP008364-PA	-	74	4.48E-07	2	1295.675	0.79	Head	3R:-:10063303-10063268	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_19437	LTANIEAK	AGAP008364-PA	-	44	0.000689662	1	859.492	4.62	Larva	3R:-:10063417-10063394	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_21415	ITSPNNDVTLTAK	AGAP008364-PA	-	69	1.99E-06	2	1373.730	2.1	Larva	3R:-:10062643-10062605	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_22618	VSYQDGAPVQDQTNPVEVK	AGAP008364-PA	-	121	1.49E-11	1	2074.013	2.01	Visceras	3R:-:10072346-10072290	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_24705	QAANHITIDEGVIDK	AGAP008364-PA	-	89	1.87E-08	1	1623.838	2.73	Larva	3R:-:10063258-10063214	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_26004	RLDIASNTGK	AGAP008364-PA	-	53	7.77E-05	1	1074.586	-3.97	Head	3R:-:10063825-10063796	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_26211	TQSFKFPATFAMVPR	AGAP008364-PA	M12(Oxidation)	65	4.27E-06	1	1743.896	4.09	Malpighian tubule	3R:-:10071956-10071912	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_26530	GEATVSVSPEFQFHYVQPFAK	AGAP008364-PA	-	45	0.000529451	1	2368.172	4.85	Head	3R:-:10072661-10072599	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_26604	SDDNFKPGLPYTAWLK	AGAP008364-PA	-	81	1.08E-07	1	1851.930	1.35	Pupa	3R:-:10072394-10072347	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_28327	SFSVFVQTDKSIYKPGDTVR	AGAP008364-PA	-	110	1.64E-10	1	2274.189	5.36	Malpighian tubule	3R:-:10073143-10073084	exon=> In CDS Exon 3 of transcript AGAP008364-PA

JHU_Ag_28417	EDIHLEGDYSR	AGAP008364-PA	-	37	0.002105093	2	1333.603	0.95	Head	3R:-:10072535-10072503	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_32935	FPATFAMVPR	AGAP008364-PA	M7(Oxidation)	70	1.84E-06	1	1136.592	-0.3	Pupa	3R:-:10071941-10071912	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_33371	GSVEFDLR	AGAP008364-PA	-	51	0.000129863	2	922.463	-0.31	Pupa	3R:-:10072559-10072536	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_34170	SGSTWLTAFVAR	AGAP008364-PA	-	67	1.96E-06	2	1295.680	4.74	Larva	3R:-:10063303-10063268	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_35328	SKYTYGKPVK	AGAP008364-PA	-	39	0.001090504	2	1170.656	3.88	Larva	3R:-:10072691-10072662	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_35495	TFEVEIPK	AGAP008364-PA	-	39	0.002070576	1	962.520	0.72	Pupa	3R:-:10063615-10063592	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_38371	VLVLDPNTKPLQK	AGAP008364-PA	-	43	5.05E-05	1	1464.880	1.13	Salivary gland	3R:-:10073077-10073039	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_39139	QLLVEPEGLPQFINK	AGAP008364-PA	-	72	2.68E-07	2	1724.963	2.52	Pupa	3R:-:10063702-10063658	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_39801	FEVTVESPGITTFK	AGAP008364-PA	-	38	0.001681583	2	1554.808	1.67	Ovary	3R:-:10072760-10072719	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_39813	IAGDAVER	AGAP008364-PA	-	60	1.47E-05	2	830.439	2.48	Malpighian tubule	3R:-:10063726-10063703	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_41473	GGFQSTQDTVVGLQALAK	AGAP008364-PA	-	91	8.14E-09	1	1819.957	1.04	Head	3R:-:10062709-10062656	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_42826	VFEVDEYVLPK	AGAP008364-PA	-	112	7.28E-11	2	1337.703	2.99	Head	3R:-:10072793-10072761	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_43546	YFTYQLLGR	AGAP008364-PA	-	43	0.000766388	2	1160.612	2.02	Larva	3R:-:10072028-10072002	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_45201	GEATVSVSPEFQFHYVQPFAK	AGAP008364-PA	-	56	4.01E-05	1	2368.169	3.23	Pupa	3R:-:10072661-10072599	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_45424	FEVTVESPGITTFK	AGAP008364-PA	-	71	9.03E-07	2	1554.808	1.83	Pupa	3R:-:10072760-10072719	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_45452	VLVLDPNTKPLQK	AGAP008364-PA	-	42	5.71E-05	2	1464.883	3.22	Head	3R:-:10073077-10073039	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_45842	MTVNAENGMILQK	AGAP008364-PA	M1(Oxidation), N7(Deamidated), M9(Oxidation),"M1(Oxidation), M9(Oxidation)"	73	6.74E-07	1	1480.719	3.73	Larva	3R:-:10062580-10062542	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_46037	SKYTYGKPVK	AGAP008364-PA	-	33	0.003720721	1	1170.657	4.05	Malpighian tubule	3R:-:10072691-10072662	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_46839	GSVEFDLR	AGAP008364-PA	-	40	0.001497873	1	922.466	3.47	Larva	3R:-:10072559-10072536	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_47260	FSLAITDASSVIAK	AGAP008364-PA	-	76	1.93E-07	2	1422.787	2.43	Pupa	3R:-:10073434-10073393	exon=> In CDS Exon 2 of transcript AGAP008364-PA
JHU_Ag_47429	ASLCDICENEDCGEACSIR	AGAP008364-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl), C16(Carbamidomethyl)	126	3.23E-13	2	2258.879	0.45	Head	3R:-:10061861-10061805	exon=> In CDS Exon 11 of transcript AGAP008364-PA
JHU_Ag_49175	QEITLNTGETR	AGAP008364-PA	-	59	2.69E-05	2	1261.638	0.03	Pupa	3R:-:10073392-10073360	exon=> In CDS Exon 2 of transcript AGAP008364-PA
JHU_Ag_49348	NDKGGFQSTQDTVVGLQALAK	AGAP008364-PA	-	91	9.00E-09	1	2177.128	3.78	Malpighian tubule	3R:-:10062718-10062656	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_50049	LLRPNSEYHVAVTNQDVSEPIR	AGAP008364-PA	-	146	1.79E-14	1	2537.319	3.1	Visceras	3R:-:10073500-10073435	exon=> In CDS Exon 2 of transcript AGAP008364-PA
JHU_Ag_50106	GDVLLSNTIAVPESK	AGAP008364-PA	-	65	2.72E-06	1	1542.838	0.64	Pupa	3R:-:10072001-10071957	exon=> In CDS Exon 4 of transcript AGAP008364-PA

JHU_Ag_55335	QAANHITIDEGVIDK	AGAP008364-PA	-	69	1.59E-06	1	1623.835	0.92	Head	3R:-:10063258-10063214	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_55353	ASLCDICENEDCGEACSIR	AGAP008364-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl), C16(Carbamidomethyl)	126	2.99E-13	2	2258.890	5.31	Malpighian tubule	3R:-:10061861-10061805	exon=> In CDS Exon 11 of transcript AGAP008364-PA
JHU_Ag_56018	AESDVDSYIR	AGAP008364-PA	-	41	0.000887434	1	1154.536	3.12	Larva	3R:-:10072133-10072104	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_58350	VLVLDPNTKPLQK	AGAP008364-PA	-	61	6.80E-07	1	1464.886	4.97	Malpighian tubule	3R:-:10073077-10073039	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_59109	LLRPNSEYHVAVTNQDVSEPIR	AGAP008364-PA	Q15(Deamidated)	146	2.32E-14	1	2537.303	-2.89	Head	3R:-:10073500-10073435	exon=> In CDS Exon 2 of transcript AGAP008364-PA
JHU_Ag_59758	QKPAPVVIYDYYDNSR	AGAP008364-PA	-	54	6.83E-05	1	1927.957	1.19	Head	3R:-:10062045-10062156,10061667-10061892	exon=> In CDS Exon 11 and 10 of transcript AGAP008364-PA
JHU_Ag_60111	SDDNFKPGLPYTAWLK	AGAP008364-PA	-	73	7.51E-07	1	1851.936	4.55	Head	3R:-:10072394-10072347	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_60866	DVLVEVTSTSPMK	AGAP008364-PA	M12(Oxidation)	89	2.18E-08	1	1421.723	2.65	Head	3R:-:10072067-10072029	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_61466	VLVLDPNTKPLQK	AGAP008364-PA	-	61	9.17E-07	1	1464.880	0.97	Visceras	3R:-:10073077-10073039	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_62289	GGFQSTQDTVVGLQALAK	AGAP008364-PA	-	132	6.98E-13	1	1819.965	5.33	Larva	3R:-:10062709-10062656	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_64714	LVPFAIGDISESSYK	AGAP008364-PA	-	80	1.15E-07	1	1625.850	4.67	Larva	3R:-:10073359-10073525,10072880-10073210	exon=> In CDS Exon 3 and 2 of transcript AGAP008364-PA
JHU_Ag_65358	QAANHITIDEGVIDK	AGAP008364-PA	-	45	0.000440308	1	1623.835	1.07	Pupa	3R:-:10063258-10063214	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_65763	FEVTVESPGITTFK	AGAP008364-PA	-	65	3.80E-06	1	1554.816	7.01	Larva	3R:-:10072760-10072719	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_66029	SDDNFKPGLPYTAWLK	AGAP008364-PA	-	72	9.45E-07	1	1851.935	4.02	Larva	3R:-:10072394-10072347	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_67029	AQVLTEMPLVGK	AGAP008364-PA	M7(Oxidation)	53	6.43E-05	2	1301.722	6.66	Larva	3R:-:10072103-10072068	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_69192	IAGDAVERQLLVEPEGLPQFINK	AGAP008364-PA	-	34	0.001402958	3	2536.395	7.01	Malpighian tubule	3R:-:10063726-10063658	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_70348	SFSVFVQTDK	AGAP008364-PA	-	65	3.23E-06	1	1157.584	0.55	Pupa	3R:-:10073143-10073114	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_70638	DVLVEVTSTSPMK	AGAP008364-PA	-	97	3.17E-09	2	1405.728	2.8	Pupa	3R:-:10072067-10072029	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_72045	SKYTYGKPVK	AGAP008364-PA	-	56	2.06E-05	1	1170.652	0.02	Pupa	3R:-:10072691-10072662	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_72152	SIYKPGDTVR	AGAP008364-PA	-	65	4.50E-06	1	1135.614	2.9	Larva	3R:-:10073113-10073084	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_75328	VFEVDEYVLPK	AGAP008364-PA	-	112	7.50E-11	2	1337.700	1.17	Pupa	3R:-:10072793-10072761	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_78993	VSYQDGAPVQDQTNPVEVK	AGAP008364-PA	-	92	1.05E-08	1	2074.010	0.6	Pupa	3R:-:10072346-10072290	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_83531	AQVLTEMPLVGK	AGAP008364-PA	M7(Oxidation)	44	0.000684722	1	1301.714	0.47	Pupa	3R:-:10072103-10072068	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_87879	VSYQDGAPVQDQTNPVEVK	AGAP008364-PA	-	99	2.21E-09	1	2074.018	4.36	Malpighian tubule	3R:-:10072346-10072290	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_90481	YFTYQLLGR	AGAP008364-PA	-	66	3.65E-06	2	1160.609	-1.03	Pupa	3R:-:10072028-10072002	exon=> In CDS Exon 4 of transcript AGAP008364-PA

JHU_Ag_90783	SIYKPGDTVR	AGAP008364-PA	-	65	4.87E-06	1	1135.609	-1.5	Pupa	3R:-:10073113-10073084	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_90944	VSYQDGAPVQDQTNPVEVK	AGAP008364-PA	-	77	3.17E-07	1	2074.013	1.77	Larva	3R:-:10072346-10072290	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_91029	AAFIDLR	AGAP008364-PA	-	42	0.000668761	2	805.458	0.99	Pupa	3R:-:10063657-10063637	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_91320	LLRPNSEYHVAVTNQDVSEPIR	AGAP008364-PA	-	146	1.91E-14	1	2537.314	1.37	Pupa	3R:-:10073500-10073435	exon=> In CDS Exon 2 of transcript AGAP008364-PA
JHU_Ag_91489	YKMELVK	AGAP008364-PA	-	42	0.000625522	2	910.506	-1.13	Pupa	3R:-:10072415-10072395	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_91598	VFEVDEYVLPK	AGAP008364-PA	-	91	1.07E-08	2	1337.694	-3.58	Male reproductive organs	3R:-:10072793-10072761	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_93028	ITSPNNDVTLTAK	AGAP008364-PA	-	47	0.000356308	2	1373.727	0.24	Malpighian tubule	3R:-:10062643-10062605	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_94701	NDKGGFQSTQDTVVGLQALAK	AGAP008364-PA	-	60	1.02E-05	1	2177.131	5.3	Larva	3R:-:10062718-10062656	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_98129	EDIHLEGDYSR	AGAP008364-PA	-	38	0.001288969	1	1333.601	-0.33	Larva	3R:-:10072535-10072503	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_98747	FPATFAMVPR	AGAP008364-PA	-	42	0.001015755	2	1136.593	0.35	Malpighian tubule	3R:-:10071941-10071912	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_100243	ATNKLTANIEAK	AGAP008364-PA	-	62	6.85E-06	1	1273.715	3.07	Malpighian tubule	3R:-:10063429-10063394	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_102391	DGSFSAFGENDK	AGAP008364-PA	-	41	0.00033326	2	1273.537	2.63	Head	3R:-:10063339-10063304	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_104138	SDDNFKPGLPYTAWLK	AGAP008364-PA	-	76	3.54E-07	1	1851.933	3.13	Visceras	3R:-:10072394-10072347	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_104150	AESDVDSYIR	AGAP008364-PA	-	58	1.64E-05	2	1154.530	-2.37	Pupa	3R:-:10072133-10072104	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_105098	VLVLDPNTKPLQK	AGAP008364-PA	-	75	2.97E-08	1	1464.884	3.8	Larva	3R:-:10073077-10073039	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_106967	LVPFAIGDISESSYK	AGAP008364-PA	-	54	5.49E-05	1	1625.844	1.29	Ovary	3R:-:10073359-10073525,10072880-10073210	exon=> In CDS Exon 3 and 2 of transcript AGAP008364-PA
JHU_Ag_107825	YFTYQLLGR	AGAP008364-PA	-	44	0.000640993	2	1160.609	-1.03	Head	3R:-:10072028-10072002	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_107986	FSLAITDASSVIAK	AGAP008364-PA	-	58	1.23E-05	2	1422.786	1.32	Visceras	3R:-:10073434-10073393	exon=> In CDS Exon 2 of transcript AGAP008364-PA
JHU_Ag_109551	HRDGSFSAFGENDK	AGAP008364-PA	-	40	0.000738417	1	1566.688	-3.16	Head	3R:-:10063345-10063304	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_110112	LVAEGLSGLTFK	AGAP008364-PA	-	63	3.25E-06	2	1234.705	0.43	Pupa	3R:-:10073209-10073174	exon=> In CDS Exon 3 of transcript AGAP008364-PA
JHU_Ag_113090	RLDIASNTGK	AGAP008364-PA	-	37	0.003180644	1	1074.592	1.37	Malpighian tubule	3R:-:10063825-10063796	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_113628	QLLVEPEGLPQFINK	AGAP008364-PA	-	60	5.11E-06	1	1724.962	2.09	Ovary	3R:-:10063702-10063658	exon=> In CDS Exon 9 of transcript AGAP008364-PA
JHU_Ag_115524	LVPFAIGDISESSYK	AGAP008364-PA	-	43	0.000676295	1	1625.844	1.07	Male reproductive organs	3R:-:10073359-10073525,10072880-10073210	exon=> In CDS Exon 3 and 2 of transcript AGAP008364-PA
JHU_Ag_116389	LVPFAIGDISESSYK	AGAP008364-PA	-	102	7.71E-10	1	1625.846	2.12	Pupa	3R:-:10073359-10073525,10072880-10073210	exon=> In CDS Exon 3 and 2 of transcript AGAP008364-PA
JHU_Ag_117340	FEVTVESPGITTFKDGK	AGAP008364-PA	-	81	1.02E-07	2	1854.949	0.04	Pupa	3R:-:10072760-10072710	exon=> In CDS Exon 4 of transcript AGAP008364-PA
JHU_Ag_117538	ITSPNNDVTLTAK	AGAP008364-PA	-	57	3.11E-05	2	1373.727	-0.3	Pupa	3R:-:10062643-10062605	exon=> In CDS Exon 9 of transcript AGAP008364-PA

JHU_Ag_7185	TDVEFNLK	AGAP008366-PA	-	46	0.000359849	1	965.495	0.76	Malpighian tubule	3R:-:10081151-10081128	exon=> In CDS Exon 4 of transcript AGAP008366-PA
JHU_Ag_8444	GSTTVQLHDER	AGAP008366-PA	-	58	1.60E-05	1	1242.602	-4.23	Head	3R:-:10081043-10081011	exon=> In CDS Exon 4 of transcript AGAP008366-PA
JHU_Ag_22481	EHISELDDVYAHALAAYALQIADHPLK	AGAP008366-PA	-	133	4.37E-13	1	3003.536	4.78	Ovary	3R:-:10078432-10078352	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_28683	DYEEALMR	AGAP008366-PA	M7(Oxidation)	44	0.000245111	2	1042.454	3.22	Malpighian tubule	3R:-:10080722-10080699	exon=> In CDS Exon 4 of transcript AGAP008366-PA
JHU_Ag_30956	DKPIATEEITLNSNESR	AGAP008366-PA	-	108	2.85E-10	1	1916.963	3.52	Malpighian tubule	3R:-:10081963-10081913	exon=> In CDS Exon 2 of transcript AGAP008366-PA
JHU_Ag_47988	GELLAGGAVK	AGAP008366-PA	-	38	0.002281759	2	914.531	0.94	Malpighian tubule	3R:-:10080533-10080504	exon=> In CDS Exon 5 of transcript AGAP008366-PA
JHU_Ag_48631	FGGEVKR	AGAP008366-PA	-	35	0.003526896	1	792.439	2.87	Malpighian tubule	3R:-:10082405-10082385	exon=> In CDS Exon 1 of transcript AGAP008366-PA
JHU_Ag_50831	HQDGSFSAFGESDK	AGAP008366-PA	-	75	1.41E-07	1	1511.637	-2.16	Head	3R:-:10078762-10078721	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_70858	TLTFVLKPTK	AGAP008366-PA	-	23	0.004266679	1	1147.709	0.36	Malpighian tubule	3R:-:10079212-10079183	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_72079	LDELDFDYVSVEVK	AGAP008366-PA	-	73	8.20E-07	2	1670.817	0.69	Malpighian tubule	3R:-:10080809-10080768	exon=> In CDS Exon 4 of transcript AGAP008366-PA
JHU_Ag_74180	FCSVLIQTDK	AGAP008366-PA	C2(Carbamidomethyl)	39	0.001553895	1	1210.614	-0.09	Malpighian tubule	3R:-:10081727-10081698	exon=> In CDS Exon 3 of transcript AGAP008366-PA
JHU_Ag_76597	FTLKPEAK	AGAP008366-PA	-	36	0.001426894	1	933.543	2.69	Malpighian tubule	3R:-:10077838-10077815	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_82954	QEQITVPR	AGAP008366-PA	-	34	0.00337906	2	970.531	-0.75	Malpighian tubule	3R:-:10079248-10079225	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_83331	HRQEQITVPR	AGAP008366-PA	-	55	2.66E-05	3	1263.695	2.43	Malpighian tubule	3R:-:10079254-10079225	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_90887	GSTTVQLHDERYQVR	AGAP008366-PA	-	52	8.98E-05	1	1788.908	5.04	Malpighian tubule	3R:-:10081043-10080999	exon=> In CDS Exon 4 of transcript AGAP008366-PA
JHU_Ag_95363	GSTTVQLHDERYQVR	AGAP008366-PA	-	71	1.23E-06	1	1788.901	1.05	Ovary	3R:-:10081043-10080999	exon=> In CDS Exon 4 of transcript AGAP008366-PA
JHU_Ag_98891	LASSMCFR	AGAP008366-PA	M5(Oxidation), C6(Carbamidomethyl)	35	0.000823266	2	987.438	-0.61	Malpighian tubule	3R:-:10081229-10081206	exon=> In CDS Exon 4 of transcript AGAP008366-PA
JHU_Ag_102744	SHGLGLVDNPSK	AGAP008366-PA	-	59	1.59E-05	1	1223.635	-2.25	Head	3R:-:10079545-10079510	exon=> In CDS Exon 9 of transcript AGAP008366-PA
JHU_Ag_105576	IVPDTITSWIITGFSLSK	AGAP008366-PA	-	64	1.38E-06	2	1978.104	7.04	Malpighian tubule	3R:-:10079599-10079546	exon=> In CDS Exon 9 of transcript AGAP008366-PA
JHU_Ag_110007	MAAQLSSSEADMSLK	AGAP008366-PA	M1(Oxidation), M12(Oxidation)	81	8.34E-08	1	1600.721	0.77	Malpighian tubule	3R:-:10078066-10078022	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_112204	QLLVEPEGLPQYINK	AGAP008366-PA	-	82	4.16E-08	1	1740.953	0.16	Malpighian tubule	3R:-:10079119-10079075	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_116443	EHISELDDVYAHALAAYALQIADHPLK	AGAP008366-PA	-	190	1.00E-18	1	3003.540	6.17	Malpighian tubule	3R:-:10078432-10078352	exon=> In CDS Exon 10 of transcript AGAP008366-PA
JHU_Ag_1813	FGMVQEVFTTK	AGAP008369-PA	-	89	1.57E-08	2	1286.644	-0.71	Pupa	3R:+:10089138-10089170	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_2411	TFEEQLVWLHGLK	AGAP008369-PA	-	100	1.01E-09	1	1599.861	4.84	Larva	3R:+:10090427-10090465	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_2912	VLPSVGTK	AGAP008369-PA	-	36	0.002181664	1	800.491	3.74	Larva	3R:+:10090115-10090138	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_4520	HANEAFNVVGFK	AGAP008369-PA	-	96	5.38E-09	1	1332.675	4.05	Larva	3R:+:10091612-10091647	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_5472	QAEPFVQPFYVTYDKFGMVQEVFTTK	AGAP008369-PA	M18(Oxidation)	100	1.23E-09	1	3115.529	5.34	Larva	3R:+:10089093-10089170	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_7621	LSYFHGYSYDHK	AGAP008369-PA	-	55	2.79E-05	1	1516.690	2.68	Larva	3R:+:10092314-10092349	exon=> In CDS Exon 4 of transcript AGAP008369-PA

JHU_Ag_8916	GVAGMLQLPVNKIPAK	AGAP008369-PA	M5(Oxidation)	55	6.87E-06	1	1651.963	3.76	Larva	3R:+:10089204-10089251	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_9262	SFGYVDSCVVNPVYEYAPYHYTAAK	AGAP008369-PA	C8(Carbamidomethyl)	134	4.57E-13	1	2900.323	-0.22	Pupa	3R:+:10092930-10093004	exon=> In CDS Exon 5 of transcript AGAP008369-PA
JHU_Ag_11816	HANEAFNVVGFK	AGAP008369-PA	-	74	7.61E-07	1	1332.663	-4.92	Pupa	3R:+:10091612-10091647	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_14390	VYDLYSVYVK	AGAP008369-PA	-	51	0.000122256	2	1248.653	1.64	Pupa	3R:+:10091018-10091047	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_14737	YAVQFVMDMVK	AGAP008369-PA	-	58	2.08E-05	2	1330.656	1.76	Pupa	3R:+:10090139-10090171	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_15026	VQAMLYEAVQYLQETPITHQQTDTK	AGAP008369-PA	-	134	5.10E-13	1	2935.459	2.88	Pupa	3R:+:10089833-10089871,10089947-10089982	exon=> In CDS Exon 3 and 4 of transcript AGAP008369-PA
JHU_Ag_20862	YNVVVPSTTNANEVTLTVSSFFR	AGAP008369-PA	-	64	4.75E-06	2	2545.302	3.5	Larva	3R:+:10091384-10091452	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_21036	NIQLGTVGELLVPLVK	AGAP008369-PA	-	31	0.000462767	2	1693.029	1.73	Pupa	3R:+:10090466-10090513	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_22524	FGMVQEVFTTK	AGAP008369-PA	M3(Oxidation)	71	1.50E-06	1	1302.643	2.55	Larva	3R:+:10089138-10089170	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_24298	DLMAVDIFYK	AGAP008369-PA	M3(Oxidation)	66	2.97E-06	2	1230.612	3.91	Larva	3R:+:10090085-10090114	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_25924	YTFTVDSELMYALEHGSTDVYPFK	AGAP008369-PA	M10(Oxidation)	91	1.06E-08	1	2829.314	6.13	Larva	3R:+:10093257-10093328	exon=> In CDS Exon 6 of transcript AGAP008369-PA
JHU_Ag_27225	YAVQFVMDMVK	AGAP008369-PA	M7(Oxidation), M9(Oxidation)	71	1.11E-06	2	1362.648	3.18	Larva	3R:+:10090139-10090171	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_27400	NIQLGTVGELLVPLVK	AGAP008369-PA	-	94	1.31E-10	2	1693.035	5.48	Larva	3R:+:10090466-10090513	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_28097	HVVPSYYPEVEQFHFVPENR	AGAP008369-PA	-	72	9.99E-07	1	2473.205	4.53	Larva	3R:+:10092638-10092697	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_30232	IIESLKPFTVENYAQFWTVLTK	AGAP008369-PA	-	43	0.000188898	3	2627.429	6.61	Larva	3R:+:10090004-10090069	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_31214	MWAHGYYGVSVYNPFALTWQGAR	AGAP008369-PA	M1(Oxidation)	80	1.59E-07	2	2690.275	5.1	Larva	3R:+:10091453-10091521	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_35546	VLPMFEDYSAPVTYECAELYNTVR	AGAP008369-PA	M4(Oxidation), C16(Carbamidomethyl)	68	2.24E-06	2	2883.333	4.04	Larva	3R:+:10092485-10092556	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_38826	SFFYDYVDPEQK	AGAP008369-PA	-	74	4.03E-07	1	1537.690	3.43	Pupa	3R:+:10090886-10090921	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_38937	TFQHDHYSTEIEK	AGAP008369-PA	-	92	8.63E-09	1	1634.751	3.73	Larva	3R:+:10090349-10090387	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_39249	VNQFYVSFAPYVMDR	AGAP008369-PA	-	71	1.42E-06	1	1835.878	-0.26	Pupa	3R:+:10090973-10091017	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_40846	LVLNGHSVVVQPLFGK	AGAP008369-PA	N4(Deamidated)	111	1.71E-11	1	1707.985	3.43	Larva	3R:+:10093185-10093232	exon=> In CDS Exon 6 of transcript AGAP008369-PA
JHU_Ag_52328	GEQVLELAYDR	AGAP008369-PA	-	80	1.40E-07	1	1292.655	4.97	Larva	3R:+:10090514-10090546	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_54520	VIVSMEDVHYFTK	AGAP008369-PA	M5(Oxidation)	94	5.79E-09	1	1583.784	4.35	Larva	3R:+:10090679-10090717	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_56239	NVHLYSYFVTTVR	AGAP008369-PA	-	56	2.41E-05	1	1598.839	4.04	Larva	3R:+:10090745-10090783	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_57574	QAEPFVQPFYVTYDK	AGAP008369-PA	-	71	1.40E-06	1	1831.891	0.2	Pupa	3R:+:10089093-10089137	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_58805	YVQAVAPTK	AGAP008369-PA	-	44	0.000328052	2	976.547	0.76	Pupa	3R:+:10089603-10089629	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_59495	HVVPSYYPEVEQFHFVPENR	AGAP008369-PA	-	53	6.93E-05	1	2473.203	3.79	Pupa	3R:+:10092638-10092697	exon=> In CDS Exon 4 of transcript AGAP008369-PA

JHU_Ag_59633	LPVVSQFK	AGAP008369-PA	-	42	0.000336819	1	917.549	3.72	Larva	3R:+:10091360-10091383	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_60537	VQAMLYEAVQYLQETPITHQQTDTK	AGAP008369-PA	M4(Oxidation)	47	0.000259898	1	2951.462	5.43	Larva	3R:+:10089833-10089871,10089947-10089982	exon=> In CDS Exon 3 and 4 of transcript AGAP008369-PA
JHU_Ag_60943	HVYPAYVEFVKPFWFWVK	AGAP008369-PA	-	86	2.15E-08	1	2342.226	4.27	Larva	3R:+:10092584-10092637	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_62233	VNQFYVSFAPYVMDR	AGAP008369-PA	M13(Oxidation)	90	1.41E-08	1	1851.882	4.33	Larva	3R:+:10090973-10091017	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_62970	STCPTCFHYETVTAVPAPK	AGAP008369-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	114	4.29E-11	1	2166.005	2.62	Larva	3R:+:10091705-10091761	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_65061	APSVELLHSVEEFMNFPNYVKPDVAHAAILSFGTMVYK	AGAP008369-PA	M14(Oxidation), M35(Oxidation)	86	1.65E-08	1	4283.154	8.19	Larva	3R:+:10090235-10090348	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_67470	VDSEVLPHK	AGAP008369-PA	-	59	1.23E-05	2	1023.548	0.78	Pupa	3R:+:10092059-10092085	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_67780	INLKLPVVSQFK	AGAP008369-PA	-	59	9.44E-07	1	1385.854	1.99	Larva	3R:+:10091348-10091383	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_69967	YVQAVAPTK	AGAP008369-PA	-	59	1.15E-05	1	976.550	3.64	Larva	3R:+:10089603-10089629	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_72330	GEQVLELAYDR	AGAP008369-PA	-	51	0.000117519	2	1292.650	1.67	Pupa	3R:+:10090514-10090546	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_73387	YVQPFTVEGQK	AGAP008369-PA	-	64	5.79E-06	1	1295.663	-0.05	Pupa	3R:+:10089540-10089572	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_76492	HGIVITR	AGAP008369-PA	-	48	6.00E-05	2	795.487	3.9	Larva	3R:+:10089983-10090003	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_81736	TFEEQLVWLHGLK	AGAP008369-PA	-	54	4.34E-05	1	1599.858	2.89	Pupa	3R:+:10090427-10090465	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_84191	VKYVQAVAPTK	AGAP008369-PA	-	40	0.000336744	1	1203.712	2.18	Larva	3R:+:10089597-10089629	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_84334	DVVLYEAHSK	AGAP008369-PA	-	61	1.12E-05	1	1160.598	2.74	Larva	3R:+:10091768-10091797	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_85256	FEGVHNPLSLVWPK	AGAP008369-PA	-	43	0.000406094	1	1622.875	3.52	Pupa	3R:+:10091048-10091089	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_87568	HGVYVLK	AGAP008369-PA	-	43	0.000682131	2	815.479	2.3	Larva	3R:+:10089498-10089518	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_88143	VDSEVLPHK	AGAP008369-PA	-	65	2.64E-06	1	1023.548	0.54	Larva	3R:+:10092059-10092085	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_89385	QAEPFVQPFYVTYDK	AGAP008369-PA	-	86	3.79E-08	1	1831.899	5	Larva	3R:+:10089093-10089137	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_89634	FEGVHNPLSLVWPK	AGAP008369-PA	-	72	4.78E-07	1	1622.876	4.02	Larva	3R:+:10091048-10091089	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_90080	DLMAVDIFYK	AGAP008369-PA	M3(Oxidation)	42	0.000762883	2	1230.607	-0.26	Pupa	3R:+:10090085-10090114	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_91062	GVAGMLQLPVNK	AGAP008369-PA	M5(Oxidation)	73	4.55E-07	1	1242.694	4.91	Larva	3R:+:10089204-10089239	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_92040	SFFYDYVDPEQK	AGAP008369-PA	-	63	5.56E-06	2	1537.691	4.46	Larva	3R:+:10090886-10090921	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_93981	TLAKPFVFTETEESVYGK	AGAP008369-PA	-	90	1.63E-08	1	2046.043	-0.15	Pupa	3R:+:10089252-10089305	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_99198	TQVYARPDTEVDYLK	AGAP008369-PA	-	79	1.61E-07	2	1797.912	5.75	Larva	3R:+:10091660-10091704	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_101356	VYDLYSVYVK	AGAP008369-PA	-	48	0.000239251	1	1248.655	3	Larva	3R:+:10091018-10091047	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_107911	YVQPFTVEGQK	AGAP008369-PA	-	81	8.96E-08	1	1295.669	4.29	Larva	3R:+:10089540-10089572	exon=> In CDS Exon 2 of transcript AGAP008369-PA

JHU_Ag_109221	VKDSVASGMLFSLGVNVR	AGAP008369-PA	M9(Oxidation)	65	2.63E-06	2	1895.016	5.5	Larva	3R:+:10090181-10090234	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_111176	NMNICLDWVK	AGAP008369-PA	M2(Oxidation), C5(Carbamidomethyl)	63	7.77E-06	1	1308.613	3.93	Larva	3R:+:10092254-10092283	exon=> In CDS Exon 4 of transcript AGAP008369-PA
JHU_Ag_113650	KGVAGMLQLPVNK	AGAP008369-PA	M6(Oxidation)	41	0.000473347	2	1370.786	2.67	Larva	3R:+:10089201-10089239	exon=> In CDS Exon 2 of transcript AGAP008369-PA
JHU_Ag_6256	VYEVSIADR	AGAP008370-PA	-	55	4.49E-05	2	1051.542	0.26	Midgut	3R:+:10093915-10093941	exon=> In CDS Exon 1 of transcript AGAP008370-PA
JHU_Ag_11007	VAEFPAIVSVQTVGK	AGAP008370-PA	-	93	2.85E-09	1	1544.870	1.25	Pupa	3R:+:10094370-10094414	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_17962	AFDWKEYQTLDEIYSWLDEK	AGAP008370-PA	-	47	0.00027429	1	2579.198	0.01	Midgut	3R:+:10094310-10094369	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_19472	ISNLQEVIDQESPKR	AGAP008370-PA	-	110	1.08E-10	1	1755.919	-2.92	Midgut	3R:+:10094183-10094199,10094273-10094300	exon=> In CDS Exon 2 and 3 of transcript AGAP008370-PA
JHU_Ag_23279	EGNPGIFIESNIHAR	AGAP008370-PA	-	108	2.12E-10	1	1653.839	2.94	Midgut	3R:+:10094460-10094504	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_26891	EGNPGIFIESNIHAR	AGAP008370-PA	-	53	6.68E-05	2	1653.840	3.23	Pupa	3R:+:10094460-10094504	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_30141	DNGYHGFILPPDQIIPNAMEVLDGLVAFCR	AGAP008370-PA	M19(Oxidation), C29(Carbamidomethyl),C29(Carbamidomethyl)	93	5.82E-09	1	3371.656	0.13	Midgut	3R:+:10095258-10095347	exon=> In CDS Exon 5 of transcript AGAP008370-PA
JHU_Ag_36240	EGNPGIFIESNIHAR	AGAP008370-PA	-	45	0.000430658	2	1653.841	3.9	Larva	3R:+:10094460-10094504	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_47101	EYQTLDEIYSWLDEK	AGAP008370-PA	-	117	3.03E-11	1	1931.889	-1.04	Midgut	3R:+:10094325-10094369	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_50689	YPDGYLFWESPVQTNMK	AGAP008370-PA	M16(Oxidation)	78	2.14E-07	2	2074.966	3.81	Midgut	3R:+:10093975-10093986,10094063-10094101	exon=> In CDS Exon 1 and 2 of transcript AGAP008370-PA
JHU_Ag_55665	ISYKEGNPGIFIESNIHAR	AGAP008370-PA	-	145	3.64E-14	1	2145.116	3.24	Midgut	3R:+:10094448-10094504	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_59137	SYEDRDIK	AGAP008370-PA	-	36	0.003159685	1	1025.490	0.54	Malpighian tubule	3R:+:10094415-10094438	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_59260	TQLEALQYLER	AGAP008370-PA	-	71	1.15E-06	2	1363.721	-0.57	Midgut	3R:+:10093942-10093974	exon=> In CDS Exon 1 of transcript AGAP008370-PA
JHU_Ag_60741	YPHNVLCYGVDMNR	AGAP008370-PA	C7(Carbamidomethyl), M12(Oxidation),C7(Carbamidomethyl)	71	8.54E-07	1	1737.782	-0.71	Midgut	3R:+:10094676-10094717	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_64181	EWITSATVTWLINEFLTSTAPEVR	AGAP008370-PA	-	114	3.76E-11	2	2764.421	0.58	Midgut	3R:+:10094505-10094576	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_67095	NFPGHWMEGGASAVPCTDTYAGPEAGSEIETQHIMNYFVSVK	AGAP008370-PA	M7(Oxidation), C16(Carbamidomethyl)	31	0.004190597	1	4601.055	1.49	Midgut	3R:+:10094718-10094739,10094810-10094913	exon=> In CDS Exon 3 and 4 of transcript AGAP008370-PA
JHU_Ag_79676	ELAENYDWYILPVVNPDGFNYTK	AGAP008370-PA	-	42	0.000935111	2	2760.324	1.81	Midgut	3R:+:10094577-10094645	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_84530	NRYPHNVLCYGVDMNR	AGAP008370-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), M14(Oxidation)"	110	1.40E-10	1	2007.927	-0.32	Midgut	3R:+:10094670-10094717	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_86626	YAEFEEMSNQLALK	AGAP008370-PA	M7(Oxidation)	96	2.63E-09	2	1688.780	-2.35	Midgut	3R:+:10094129-10094170	exon=> In CDS Exon 2 of transcript AGAP008370-PA
JHU_Ag_92550	VAEFPAIVSVQTVGK	AGAP008370-PA	-	102	2.97E-10	1	1544.877	5.84	Larva	3R:+:10094370-10094414	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_102787	YGTPYEFGTTADVLYIASGSSPDWAHGTHGTPVAATFEFR	AGAP008370-PA	-	105	3.18E-10	1	4276.988	-0.1	Midgut	3R:+:10095058-10095100,10095181-10095257	exon=> In CDS Exon 4 and 5 of transcript AGAP008370-PA

JHU_Ag_114569	VAEFPAIVSVQTVGK	AGAP008370-PA	-	110	6.29E-11	1	1544.867	-0.56	Midgut	3R:+:10094370-10094414	exon=> In CDS Exon 3 of transcript AGAP008370-PA
JHU_Ag_17873	ARPISFVTGNAK	AGAP008374-PA	N-Term(Acetyl)	36	0.003624956	2	1302.715	-1.16	Midgut	3R:+:10111716-10111751	exon=> In CDS Exon 1 of transcript AGAP008374-PA
JHU_Ag_18907	DFGWDPVFQPTGYDQTYAELPKPK	AGAP008374-PA	-	64	6.40E-06	1	2799.333	1.02	Visceras	3R:+:10112202-10112273	exon=> In CDS Exon 2 of transcript AGAP008374-PA
JHU_Ag_27072	DFGWDPVFQPTGYDQTYAELPKPK	AGAP008374-PA	-	58	2.42E-05	1	2799.321	-3.16	Midgut	3R:+:10112202-10112273	exon=> In CDS Exon 2 of transcript AGAP008374-PA
JHU_Ag_27855	ARPISFVTGNAK	AGAP008374-PA	N-Term(Acetyl)	63	7.57E-06	1	1302.718	0.81	Male reproductive organs	3R:+:10111716-10111751	exon=> In CDS Exon 1 of transcript AGAP008374-PA
JHU_Ag_34811	ARPISFVTGNAK	AGAP008374-PA	N-Term(Acetyl)	65	4.56E-06	1	1302.720	2.59	Malpighian tubule	3R:+:10111716-10111751	exon=> In CDS Exon 1 of transcript AGAP008374-PA
JHU_Ag_44991	LDLPELQGEIDDICK	AGAP008374-PA	C14(Carbamidomethyl)	45	0.000494 73	2	1757.871	4.95	Ovary	3R:+:10111815-10111859	exon=> In CDS Exon 1 of transcript AGAP008374-PA
JHU_Ag_90537	TEGDIVAPR	AGAP008374-PA	-	52	5.28E-05	2	957.499	-0.69	Ovary	3R:+:10112166-10112192	exon=> In CDS Exon 2 of transcript AGAP008374-PA
JHU_Ag_103174	ARPISFVTGNAK	AGAP008374-PA	N-Term(Acetyl)	70	1.40E-06	1	1302.718	0.99	Ovary	3R:+:10111716-10111751	exon=> In CDS Exon 1 of transcript AGAP008374-PA
JHU_Ag_104131	ARPISFVTGNAK	AGAP008374-PA	N-Term(Acetyl)	66	3.27E-06	1	1302.719	1.74	Visceras	3R:+:10111716-10111751	exon=> In CDS Exon 1 of transcript AGAP008374-PA
JHU_Ag_107903	TEGDIVAPR	AGAP008374-PA	-	55	2.97E-05	2	957.499	-0.89	Male reproductive organs	3R:+:10112166-10112192	exon=> In CDS Exon 2 of transcript AGAP008374-PA
JHU_Ag_66878	GLGLGIIAGSVLVK	AGAP008375-PA	-	83	3.61E-09	2	1296.825	0.07	Midgut	3R:-:10113463-10113422	exon=> In CDS Exon 2 of transcript AGAP008375-PA
JHU_Ag_67166	LSQAFTNYR	AGAP008375-PA	-	53	4.11E-05	2	1099.556	2.7	Head	3R:-:10113088-10113062	exon=> In CDS Exon 2 of transcript AGAP008375-PA
JHU_Ag_88109	QFMLYLMDEK	AGAP008375-PA	M3(Oxidation), M7(Oxidation),M3(Oxidation)	61	8.25E-06	2	1333.617	0.56	Midgut	3R:-:10113649-10113620	exon=> In CDS Exon 1 of transcript AGAP008375-PA
JHU_Ag_94209	GLGLGIIAGSVLVK	AGAP008375-PA	-	58	1.15E-06	2	1296.830	3.55	Larva	3R:-:10113463-10113422	exon=> In CDS Exon 2 of transcript AGAP008375-PA
JHU_Ag_94262	LSQAFTNYR	AGAP008375-PA	-	49	0.000117761	2	1099.553	-0.41	Midgut	3R:-:10113088-10113062	exon=> In CDS Exon 2 of transcript AGAP008375-PA
JHU_Ag_100986	GLGLGIIAGSVLVK	AGAP008375-PA	-	76	1.75E-08	2	1296.828	2.33	Pupa	3R:-:10113463-10113422	exon=> In CDS Exon 2 of transcript AGAP008375-PA
JHU_Ag_111834	LSQAFTNYR	AGAP008375-PA	-	39	0.001294196	1	1099.553	0.26	Male reproductive organs	3R:-:10113088-10113062	exon=> In CDS Exon 2 of transcript AGAP008375-PA
JHU_Ag_112618	GLGLGIIAGSVLVK	AGAP008375-PA	-	25	0.002084962	2	1296.824	-1.06	Head	3R:-:10113463-10113422	exon=> In CDS Exon 2 of transcript AGAP008375-PA
JHU_Ag_21541	VLEELAAGCPR	AGAP008376-PA	C9(Carbamidomethyl)	45	0.000438749	2	1214.622	1.76	Malpighian tubule	3R:+:10114995-10115027	exon=> In CDS Exon 2 of transcript AGAP008376-PA
JHU_Ag_53024	SITEEHDAQLPQK	AGAP008376-PA	-	40	0.001673753	1	1495.741	1.5	Malpighian tubule	3R:+:10115154-10115192	exon=> In CDS Exon 2 of transcript AGAP008376-PA
JHU_Ag_67442	RVPHFWVPVLR	AGAP008376-PA	-	30	0.002943215	3	1405.820	-0.98	Midgut	3R:+:10114800-10114832	exon=> In CDS Exon 2 of transcript AGAP008376-PA
JHU_Ag_76152	RVPHFWVPVLR	AGAP008376-PA	-	31	0.002479693	1	1405.825	2.47	Salivary gland	3R:+:10114800-10114832	exon=> In CDS Exon 2 of transcript AGAP008376-PA
JHU_Ag_7642	EAILNLSQPNRPPQHASLER	AGAP008379-PA	-	53	4.72E-05	1	2270.195	-2.39	Head	3R:-:10135336-10135397,10134895-10135190	exon=> In CDS Exon 4 and 3 of transcript AGAP008379-PA
JHU_Ag_26237	INLIEDRPPVNITSPGTLPVNLAIGR	AGAP008379-PA	-	84	3.86E-09	1	2769.573	3.84	Head	3R:-:10124273-10124196	exon=> In CDS Exon 13 of transcript AGAP008379-PA
JHU_Ag_24402	LEDVLDEEEEGNSGQQVQR	AGAP008381-PA	-	56	2.81E-05	2	2173.990	2.33	Ovary	3R:+:10151458-10151514	exon=> In CDS Exon 1 of transcript AGAP008381-PA
JHU_Ag_44987	RPPGDTAFTLVQR	AGAP008381-PA	-	33	0.005842659	1	1457.790	3.05	Malpighian tubule	3R:+:10152028-10152066	exon=> In CDS Exon 1 of transcript AGAP008381-PA

JHU_Ag_67215	NPTIVNFPVK	AGAP008381-PA	-	56	2.47E-05	1	1128.643	1.79	Ovary	3R:+:10152637-10152665,10152735-10152735	exon=> In CDS Exon 1 and 2 of transcript AGAP008381-PA
JHU_Ag_78459	HLLDFDFEK	AGAP008381-PA	-	47	0.000324337	1	1163.571	-1.81	Head	3R:+:10151575-10151601	exon=> In CDS Exon 1 of transcript AGAP008381-PA
JHU_Ag_117252	NVDFGDILTEDNKK	AGAP008381-PA	-	82	1.11E-07	2	1607.792	0.58	Ovary	3R:+:10152736-10152777	exon=> In CDS Exon 2 of transcript AGAP008381-PA
JHU_Ag_59978	LETIIK	AGAP008392-PA	-	38	0.000264873	1	716.455	-1.08	Head	3R:-:10259446-10259429	exon=> In CDS Exon 2 of transcript AGAP008392-PA
JHU_Ag_62235	LETIIK	AGAP008392-PA	-	30	0.001941056	1	716.455	-0.31	Malpighian tubule	3R:-:10259446-10259429	exon=> In CDS Exon 2 of transcript AGAP008392-PA
JHU_Ag_63292	VGGFVIIKPGLESPSAEVR	AGAP008392-PA	-	61	2.77E-06	1	1955.099	1.32	Ovary	3R:-:10259968-10259912	exon=> In CDS Exon 2 of transcript AGAP008392-PA
JHU_Ag_77451	LETIIK	AGAP008392-PA	-	38	0.000293115	1	716.454	-1.76	Pupa	3R:-:10259446-10259429	exon=> In CDS Exon 2 of transcript AGAP008392-PA
JHU_Ag_87393	LETIIK	AGAP008392-PA	-	31	0.001300283	1	716.455	-0.65	Visceras	3R:-:10259446-10259429	exon=> In CDS Exon 2 of transcript AGAP008392-PA
JHU_Ag_87671	LETIIK	AGAP008392-PA	-	38	0.000263656	1	716.455	-0.48	Midgut	3R:-:10259446-10259429	exon=> In CDS Exon 2 of transcript AGAP008392-PA
JHU_Ag_7058	IMHEIDELTHIVPDVISDPTLPR	AGAP008393-PA	M2(Oxidation)	67	2.23E-06	1	2656.366	0.25	Ovary	3R:+:10261132-10261148,10261224-10261275	exon=> In CDS Exon 2 and 3 of transcript AGAP008393-PA
JHU_Ag_24268	IMHEIDELTHIVPDVISDPTLPR	AGAP008393-PA	M2(Oxidation)	48	0.000180059	1	2656.377	4.27	Head	3R:+:10261132-10261148,10261224-10261275	exon=> In CDS Exon 2 and 3 of transcript AGAP008393-PA
JHU_Ag_38758	ILEYK	AGAP008400-PA	-	34	0.001435104	1	665.387	0.5	Midgut	3R:-:10334079-10334065	exon=> In CDS Exon 8 of transcript AGAP008400-PA
JHU_Ag_34417	ICLINPR	AGAP008400-PA,AGAP008193-PA	C2(Carbamidomethyl)	41	0.000472433	2	885.497	-1.08	Visceras	3R:-:10335552-10335532;3R:-:6556992-6556972	exon=> In CDS Exon 6 of transcript AGAP008400-PA;exon=> In CDS Exon 9 of transcript AGAP008193-PA
JHU_Ag_60984	ICLINPR	AGAP008400-PA,AGAP008193-PA	C2(Carbamidomethyl)	34	0.002605404	2	885.497	-0.05	Midgut	3R:-:10335552-10335532;3R:-:6556992-6556972	exon=> In CDS Exon 6 of transcript AGAP008400-PA;exon=> In CDS Exon 9 of transcript AGAP008193-PA
JHU_Ag_14612	YNSDLNNLFLYWR	AGAP008401-PA	-	105	5.28E-10	1	1717.839	3.04	Head	3R:+:10353760-10353798	exon=> In CDS Exon 5 of transcript AGAP008401-PA
JHU_Ag_31554	WLPQSDILAHPK	AGAP008401-PA	-	39	0.001584546	1	1404.766	1.93	Head	3R:+:10354665-10354700	exon=> In CDS Exon 7 of transcript AGAP008401-PA
JHU_Ag_40944	VVLFITHGGMFGSQEGIYR	AGAP008401-PA	M10(Oxidation)	39	0.001689927	3	2127.082	6.07	Head	3R:+:10354701-10354757	exon=> In CDS Exon 7 of transcript AGAP008401-PA
JHU_Ag_45361	INELLTNPTFMK	AGAP008401-PA	M11(Oxidation)	63	6.87E-06	2	1436.749	2.35	Male reproductive organs	3R:+:10354884-10354919	exon=> In CDS Exon 7 of transcript AGAP008401-PA
JHU_Ag_89912	GHEVTAITNFPAK	AGAP008401-PA	-	64	5.40E-06	2	1384.724	1.12	Head	3R:+:10353559-10353597	exon=> In CDS Exon 4 of transcript AGAP008401-PA
JHU_Ag_97061	LGLETAEHAFESANVR	AGAP008401-PA	-	83	7.62E-08	1	1743.867	0.49	Pupa	3R:+:10348969-10349016	exon=> In CDS Exon 1 of transcript AGAP008401-PA
JHU_Ag_97868	AEQAGYALTLNFPEVNVITLGSR	AGAP008401-PA	-	47	0.000151113	2	2463.299	4.55	Head	3R:+:10354815-10354883	exon=> In CDS Exon 7 of transcript AGAP008401-PA
JHU_Ag_102538	AFLEVFR	AGAP008401-PA	-	46	0.000136412	1	881.489	1.05	Head	3R:+:10354566-10354586	exon=> In CDS Exon 7 of transcript AGAP008401-PA
JHU_Ag_102723	SQSFGDPFFK	AGAP008401-PA	-	39	0.001293711	2	1159.542	0.44	Pupa	3R:+:10348921-10348950	exon=> In CDS Exon 1 of transcript AGAP008401-PA
JHU_Ag_117830	KWLPQSDILAHPK	AGAP008401-PA	-	41	0.000378275	1	1532.860	0.77	Head	3R:+:10354662-10354700	exon=> In CDS Exon 7 of transcript AGAP008401-PA

JHU_Ag_34702	NINRDLTDGVLVAEILK	AGAP008402-PA	-	26	0.007741852	1	1883.074	7.71	Ovary	3R:-:10355726-10355822,10355384-10355609	exon=> In CDS Exon 2 and 1 of transcript AGAP008402-PA
JHU_Ag_15715	VFIEPIANWSFYR	AGAP008405-PA	-	43	0.000773415	2	1641.843	0.08	Salivary gland	3R:-:10363134-10363096	exon=> In CDS Exon 2 of transcript AGAP008405-PA
JHU_Ag_44742	QGIVSQVIQER	AGAP008405-PA	-	56	2.79E-05	2	1256.696	0.44	Midgut	3R:-:10363053-10363021	exon=> In CDS Exon 2 of transcript AGAP008405-PA
JHU_Ag_58653	VFIEPIANWSFYR	AGAP008405-PA	-	86	3.71E-08	1	1641.852	5.88	Pupa	3R:-:10363134-10363096	exon=> In CDS Exon 2 of transcript AGAP008405-PA
JHU_Ag_97627	NWVIVSGLNCHLR	AGAP008405-PA	C10(Carbamidomethyl)	38	0.001887578	2	1567.818	0.91	Ovary	3R:-:10363020-10362982	exon=> In CDS Exon 2 of transcript AGAP008405-PA
JHU_Ag_14224	RLQELQR	AGAP008406-PA	Q3(Deamidated)	45	0.000444555	1	943.532	-0.35	Head	3R:+:10365262-10365282	exon=> In CDS Exon 3 of transcript AGAP008406-PA
JHU_Ag_23248	RLQELQR	AGAP008406-PA	Q3(Deamidated)	49	0.000214543	1	943.532	-0.09	Malpighian tubule	3R:+:10365262-10365282	exon=> In CDS Exon 3 of transcript AGAP008406-PA
JHU_Ag_31723	RLQELQR	AGAP008406-PA	Q3(Deamidated)	45	0.00044048	1	943.532	-0.48	Male reproductive organs	3R:+:10365262-10365282	exon=> In CDS Exon 3 of transcript AGAP008406-PA
JHU_Ag_37601	DYVLSTQDPTVGGFSK	AGAP008406-PA	-	66	4.24E-06	2	1713.839	3.2	Head	3R:+:10365091-10365138	exon=> In CDS Exon 3 of transcript AGAP008406-PA
JHU_Ag_42922	RLQELQR	AGAP008406-PA	Q3(Deamidated)	45	0.00045701	1	943.532	-0.42	Midgut	3R:+:10365262-10365282	exon=> In CDS Exon 3 of transcript AGAP008406-PA
JHU_Ag_55985	AIIEGVAAVQR	AGAP008406-PA	-	48	7.80E-05	2	1126.659	1.02	Male reproductive organs	3R:+:10364577-10364609	exon=> In CDS Exon 2 of transcript AGAP008406-PA
JHU_Ag_63461	DYVLSTQDPTVGGFSK	AGAP008406-PA	-	83	8.26E-08	1	1713.831	-1.22	Midgut	3R:+:10365091-10365138	exon=> In CDS Exon 3 of transcript AGAP008406-PA
JHU_Ag_81953	RLQELQR	AGAP008406-PA	Q3(Deamidated)	42	0.000967203	2	943.534	2.17	Ovary	3R:+:10365262-10365282	exon=> In CDS Exon 3 of transcript AGAP008406-PA
JHU_Ag_108589	MDNNIEGEEVEFRK	AGAP008406-PA	N-Term(Acetyl), M1(Oxidation)	64	3.42E-06	2	1767.785	-0.38	Midgut	3R:+:10364104-10364145	exon=> In CDS Exon 1 of transcript AGAP008406-PA
JHU_Ag_64	HQSILLDLR	AGAP008407-PA	-	42	0.000285589	2	1094.633	1.05	Pupa	3R:-:10371698-10371672	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_480	VYDYYAPER	AGAP008407-PA	-	52	5.71E-05	2	1175.540	2.81	Larva	3R:-:10368327-10368411,10368017-10368227	exon=> In CDS Exon 8 and 7 of transcript AGAP008407-PA
JHU_Ag_1883	DGVELSSETKPITVGVPETMLMR	AGAP008407-PA	M20(Oxidation), M22(Oxidation)	34	0.005608089	3	2521.257	1.68	Head	3R:-:10374656-10374588	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_2214	LTNLNQNVPYYLQK	AGAP008407-PA	-	53	4.70E-05	2	1707.904	-1.32	Visceras	3R:-:10373978-10373937	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_6722	KITVEADGLPQYR	AGAP008407-PA	-	76	3.02E-07	1	1489.804	2.27	Salivary gland	3R:-:10371737-10371699	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_9316	EDGSFWEETWLPDR	AGAP008407-PA	-	51	4.80E-05	2	1766.774	4.45	Salivary gland	3R:-:10371152-10371111	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_10106	VAVSVLESHLPLTVR	AGAP008407-PA	-	102	8.49E-11	1	1619.955	4.25	Salivary gland	3R:-:10374716-10374672	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_12597	WINTQESIR	AGAP008407-PA	-	42	0.001010482	2	1146.593	2.78	Pupa	3R:-:10368653-10368627	exon=> In CDS Exon 6 of transcript AGAP008407-PA
JHU_Ag_12764	LDSYILSQR	AGAP008407-PA	-	84	5.96E-08	2	1094.585	0.85	Salivary gland	3R:-:10368566-10368540	exon=> In CDS Exon 6 of transcript AGAP008407-PA
JHU_Ag_17076	VLHMSQK	AGAP008407-PA	M4(Oxidation)	35	0.002722802	1	858.450	-0.28	Salivary gland	3R:-:10373252-10373232	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_20838	SIGEFNYWGEEEVPLPPTKLENQR	AGAP008407-PA	-	48	0.000227128	1	2832.390	2.04	Malpighian tubule	3R:-:10370746-10370926,10368997-10369324	exon=> In CDS Exon 4 and 3 of transcript AGAP008407-PA
JHU_Ag_21515	LTNLNQNVPYYLQK	AGAP008407-PA	-	50	8.99E-05	2	1707.903	-2.25	Head	3R:-:10373978-10373937	exon=> In CDS Exon 1 of transcript AGAP008407-PA

JHU_Ag_27591	VEATSLPGETK	AGAP008407-PA	-	52	0.000108092	2	1131.587	-1.81	Head	3R:-:10369077-10369045	exon=> In CDS Exon 4 of transcript AGAP008407-PA
JHU_Ag_28465	FQTQPPVPAFDLTTR	AGAP008407-PA	-	71	1.28E-06	2	1717.891	-0.04	Salivary gland	3R:-:10368831-10368787	exon=> In CDS Exon 5 of transcript AGAP008407-PA
JHU_Ag_28628	TNPDLLNQYNPQNSFSSQIGGR	AGAP008407-PA	-	115	5.47E-11	2	2450.184	5.74	Salivary gland	3R:-:10373936-10373871	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_29491	YYNEIVEGYSLTR	AGAP008407-PA	-	64	7.39E-06	2	1606.780	3.21	Salivary gland	3R:-:10373564-10373526	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_32043	DQGGYDGVGQGYDGR	AGAP008407-PA	-	88	6.35E-09	1	1543.643	1.23	Salivary gland	3R:-:10373870-10373826	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_35837	LTNLNQNVPYYLQK	AGAP008407-PA	-	56	2.06E-05	2	1707.910	2.18	Salivary gland	3R:-:10373978-10373937	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_38434	HQSILLDLR	AGAP008407-PA	-	47	9.65E-05	2	1094.632	0.49	Head	3R:-:10371698-10371672	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_38521	LLTDSLTFPVNGISR	AGAP008407-PA	N11(Deamidated)	83	4.64E-08	2	1633.885	3.54	Visceras	3R:-:10372811-10372767	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_45106	VAVSVLESHLPLTVR	AGAP008407-PA	-	47	2.64E-05	3	1619.947	-0.46	Visceras	3R:-:10374716-10374672	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_47320	VAVSVLESHLPLTVR	AGAP008407-PA	-	54	5.76E-06	1	1619.953	3.15	Malpighian tubule	3R:-:10374716-10374672	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_50268	YSSNNFQDSYVIER	AGAP008407-PA	-	81	9.97E-08	2	1721.778	0.82	Head	3R:-:10373825-10373784	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_52008	ASTELLLLSHFSPNNHNIK	AGAP008407-PA	-	107	2.17E-10	1	2135.130	2.7	Salivary gland	3R:-:10373096-10373040	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_52155	SLAQQQFLDVPNAWGTVR	AGAP008407-PA	-	60	1.32E-05	2	2030.042	-1.76	Pupa	3R:-:10369023-10369388,10368734-10368901	exon=> In CDS Exon 5 and 4 of transcript AGAP008407-PA
JHU_Ag_55018	LLTDSLTFPVNGISR	AGAP008407-PA	N11(Deamidated)	50	9.92E-05	2	1633.890	6.23	Malpighian tubule	3R:-:10372811-10372767	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_55677	FNVEEYYQTR	AGAP008407-PA	-	66	3.36E-06	2	1348.617	0.03	Salivary gland	3R:-:10374200-10374171	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_60168	VAVSVLESHLPLTVR	AGAP008407-PA	-	73	5.85E-08	1	1619.949	0.44	Pupa	3R:-:10374716-10374672	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_60536	IEAQGQIEEAR	AGAP008407-PA	-	55	4.23E-05	2	1243.628	-0.13	Pupa	3R:-:10374233-10374201	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_61853	LTDGGWASSQDTGMAMK	AGAP008407-PA	M14(Oxidation), M16(Oxidation)	60	5.21E-06	1	1787.762	2.2	Malpighian tubule	3R:-:10369188-10369138	exon=> In CDS Exon 4 of transcript AGAP008407-PA
JHU_Ag_62430	LLTDSLTFPVNGISR	AGAP008407-PA	N11(Deamidated)	96	2.35E-09	2	1633.886	3.77	Pupa	3R:-:10372811-10372767	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_62589	LLTDSLTFPVNGISR	AGAP008407-PA	N11(Deamidated)	86	2.37E-08	2	1633.888	4.96	Salivary gland	3R:-:10372811-10372767	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_64251	VAVSVLESHLPLTVR	AGAP008407-PA	-	86	3.55E-09	1	1619.951	1.91	Head	3R:-:10374716-10374672	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_65531	VEATSLPGETK	AGAP008407-PA	-	49	0.000225698	2	1131.591	1.32	Salivary gland	3R:-:10369077-10369045	exon=> In CDS Exon 4 of transcript AGAP008407-PA
JHU_Ag_71490	LVANYIDPSGER	AGAP008407-PA	-	51	0.000135981	1	1333.676	0.84	Salivary gland	3R:-:10373132-10373097	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_74160	SIGEFNYWGEEEVPLPPTK	AGAP008407-PA	-	80	1.59E-07	1	2192.054	-0.11	Head	3R:-:10370746-10370926,10368997-10369339	exon=> In CDS Exon 4 and 3 of transcript AGAP008407-PA
JHU_Ag_74303	VGERYYNEIVEGYSLTR	AGAP008407-PA	-	58	2.21E-05	1	2048.017	4.41	Malpighian tubule	3R:-:10373576-10373526	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_74425	FNVEEYYQTR	AGAP008407-PA	-	78	2.29E-07	2	1348.619	1.57	Pupa	3R:-:10374200-10374171	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_78834	LTNLNQNVPYYLQK	AGAP008407-PA	-	80	9.13E-08	1	1707.914	4.32	Larva	3R:-:10373978-10373937	exon=> In CDS Exon 1 of transcript AGAP008407-PA

JHU_Ag_80975	LTDGGWASSQDTGMAMK	AGAP008407-PA	M14(Oxidation), M16(Oxidation)	68	7.41E-07	1	1787.760	1.32	Salivary gland	3R:-:10369188-10369138	exon=> In CDS Exon 4 of transcript AGAP008407-PA
JHU_Ag_81557	FQTQPPVPAFDLTTR	AGAP008407-PA	-	54	5.87E-05	1	1717.894	1.8	Head	3R:-:10368831-10368787	exon=> In CDS Exon 5 of transcript AGAP008407-PA
JHU_Ag_82223	LTNLNQNVPYYLQK	AGAP008407-PA	-	70	7.80E-07	2	1707.914	4.32	Malpighian tubule	3R:-:10373978-10373937	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_84586	HDLNLENTK	AGAP008407-PA	-	33	0.004934819	1	1083.540	-2.31	Head	3R:-:10373198-10373172	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_84960	ASTELLLLSHFSPNNHNIK	AGAP008407-PA	-	77	1.74E-07	1	2135.131	3.05	Ovary	3R:-:10373096-10373040	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_85122	FQTQPPVPAFDLTTR	AGAP008407-PA	-	57	2.61E-05	2	1717.895	2.51	Pupa	3R:-:10368831-10368787	exon=> In CDS Exon 5 of transcript AGAP008407-PA
JHU_Ag_85549	ATIRPIGFFNPEAINQMNR	AGAP008407-PA	M17(Oxidation)	82	8.19E-08	1	2205.130	2.8	Salivary gland	3R:-:10374053-10373997	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_87727	LLTDSLTFPVNGISR	AGAP008407-PA	N11(Deamidated)	89	1.27E-08	2	1633.882	1.52	Head	3R:-:10372811-10372767	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_88324	DQGGYDGVGQGYDGR	AGAP008407-PA	-	107	8.78E-11	1	1543.642	0.83	Head	3R:-:10373870-10373826	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_88792	SIGEFNYWGEEEVPLPPTK	AGAP008407-PA	-	66	3.83E-06	2	2192.064	4.24	Salivary gland	3R:-:10370746-10370926,10368997-10369339	exon=> In CDS Exon 4 and 3 of transcript AGAP008407-PA
JHU_Ag_92079	KPVESDSQWDSWTNTYR	AGAP008407-PA	-	43	0.000521614	1	2098.950	1.84	Salivary gland	3R:-:10373744-10373694	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_92755	VYDYYAPER	AGAP008407-PA	-	45	0.000270706	1	1175.539	2.19	Salivary gland	3R:-:10368327-10368411,10368017-10368227	exon=> In CDS Exon 8 and 7 of transcript AGAP008407-PA
JHU_Ag_93369	YSSNNFQDSYVIER	AGAP008407-PA	-	100	1.13E-09	1	1721.777	0.11	Salivary gland	3R:-:10373825-10373784	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_95890	LLTDSLTFPVNGISR	AGAP008407-PA	N11(Deamidated)	47	0.000194089	2	1633.884	2.5	Ovary	3R:-:10372811-10372767	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_97264	LVANYIDPSGER	AGAP008407-PA	-	49	0.000207719	2	1333.676	1.11	Pupa	3R:-:10373132-10373097	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_101680	VAVSVLESHLPLTVR	AGAP008407-PA	-	63	6.59E-07	1	1619.950	1	Ovary	3R:-:10374716-10374672	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_112895	ATIRPIGFFNPEAINQMNR	AGAP008407-PA	M17(Oxidation)	102	7.21E-10	1	2205.131	3.54	Malpighian tubule	3R:-:10374053-10373997	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_113345	ASTELLLLSHFSPNNHNIK	AGAP008407-PA	-	79	1.17E-07	1	2135.125	0.47	Head	3R:-:10373096-10373040	exon=> In CDS Exon 2 of transcript AGAP008407-PA
JHU_Ag_115577	FNVEEYYQTR	AGAP008407-PA	-	61	1.14E-05	2	1348.619	1.93	Head	3R:-:10374200-10374171	exon=> In CDS Exon 1 of transcript AGAP008407-PA
JHU_Ag_791	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	129	2.21E-12	1	2124.029	0.59	Salivary gland	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_4882	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	95	5.10E-09	2	2124.031	1.28	Pupa	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_5788	LDDYADYTCEAR	AGAP008408-PA	C9(Carbamidomethyl)	87	4.26E-09	2	1491.599	-4.38	Midgut	3R:-:10416540-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_7140	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	71	1.34E-06	2	2124.037	4.15	Ovary	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_10615	LDDYADYTCEAR	AGAP008408-PA	C9(Carbamidomethyl)	92	1.73E-09	1	1491.606	0.45	Head	3R:-:10416540-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_11798	LDDYADYTCEAR	AGAP008408-PA	C9(Carbamidomethyl)	93	1.58E-09	2	1491.610	2.74	Malpighian tubule	3R:-:10416540-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_13566	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	89	2.48E-08	2	2124.029	0.59	Midgut	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_14424	LTLHCIAYGTDPK	AGAP008408-PA	C5(Carbamidomethyl)	38	0.002534217	1	1488.760	5.63	Salivary gland	3R:-:10420484-10420446	exon=> In CDS Exon 6 of transcript AGAP008408-PA

JHU_Ag_16349	IFDIAK	AGAP008408-PA	-	36	0.001443247	2	706.415	2.59	Male reproductive organs	3R:-:10423392-10423375	exon=> In CDS Exon 4 of transcript AGAP008408-PA
JHU_Ag_18147	TNIVEGER	AGAP008408-PA	-	46	0.000579908	2	917.468	-0.59	Midgut	3R:-:10420508-10420485	exon=> In CDS Exon 6 of transcript AGAP008408-PA
JHU_Ag_23239	TNIVEGER	AGAP008408-PA	-	42	0.001080634	2	917.472	3.66	Larva	3R:-:10420508-10420485	exon=> In CDS Exon 6 of transcript AGAP008408-PA
JHU_Ag_33292	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	106	4.29E-10	1	2124.035	3.46	Larva	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_43566	LDDYADYTCEAR	AGAP008408-PA	C9(Carbamidomethyl)	73	9.70E-08	1	1491.597	-5.85	Salivary gland	3R:-:10416540-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_44838	TEIEESDTDQSPDQNK	AGAP008408-PA	-	114	2.30E-11	2	1835.778	0.24	Head	3R:-:10416274-10416369,10415036-10415081	exon=> In CDS Exon 9 and 8 of transcript AGAP008408-PA
JHU_Ag_46248	LDDYADYTCEAR	AGAP008408-PA	C9(Carbamidomethyl)	79	3.05E-08	1	1491.611	3.81	Larva	3R:-:10416540-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_47476	IFDIAK	AGAP008408-PA	-	30	0.003937329	1	706.411	-3.11	Pupa	3R:-:10423392-10423375	exon=> In CDS Exon 4 of transcript AGAP008408-PA
JHU_Ag_50246	NGYHGNESELR	AGAP008408-PA	N1(Deamidated)	59	8.49E-06	1	1276.558	2.32	Head	3R:-:10415080-10415048	exon=> In CDS Exon 9 of transcript AGAP008408-PA
JHU_Ag_50435	NKTEIEESDTDQSPDQNK	AGAP008408-PA	-	45	0.000301399	3	2077.920	2.16	Pupa	3R:-:10416280-10416369,10415036-10415081	exon=> In CDS Exon 9 and 8 of transcript AGAP008408-PA
JHU_Ag_52448	IFDIAK	AGAP008408-PA	-	33	0.003036271	1	706.415	1.72	Malpighian tubule	3R:-:10423392-10423375	exon=> In CDS Exon 4 of transcript AGAP008408-PA
JHU_Ag_52663	LIIDSIK	AGAP008408-PA	-	31	0.003134934	1	801.509	1.72	Malpighian tubule	3R:-:10416561-10416541	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_55831	LIIDSIKLDDYADYTCEAR	AGAP008408-PA	C16(Carbamidomethyl)	75	4.83E-07	1	2274.098	0.8	Midgut	3R:-:10416561-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_57287	NYHQLYVYR	AGAP008408-PA	-	47	0.000283729	1	1255.620	-1.13	Head	3R:-:10433487-10433461	exon=> In CDS Exon 2 of transcript AGAP008408-PA
JHU_Ag_63189	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	129	2.44E-12	1	2124.031	1.28	Visceras	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_66342	LTLHCIAYGTDPK	AGAP008408-PA	C5(Carbamidomethyl)	44	0.000642457	1	1488.760	5.78	Larva	3R:-:10420484-10420446	exon=> In CDS Exon 6 of transcript AGAP008408-PA
JHU_Ag_72932	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	144	7.29E-14	1	2124.032	1.86	Malpighian tubule	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_74148	LIIDSIKLDDYADYTCEAR	AGAP008408-PA	C16(Carbamidomethyl)	72	9.15E-07	1	2274.094	-1.05	Salivary gland	3R:-:10416561-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_78207	LTLHCIAYGTDPK	AGAP008408-PA	C5(Carbamidomethyl)	55	5.32E-05	1	1488.754	1.52	Pupa	3R:-:10420484-10420446	exon=> In CDS Exon 6 of transcript AGAP008408-PA
JHU_Ag_89568	LTLHCIAYGTDPK	AGAP008408-PA	C5(Carbamidomethyl)	71	1.30E-06	1	1488.753	1.02	Head	3R:-:10420484-10420446	exon=> In CDS Exon 6 of transcript AGAP008408-PA
JHU_Ag_95903	NGYHGNESELR	AGAP008408-PA	N1(Deamidated)	46	0.000165571	1	1276.559	2.52	Malpighian tubule	3R:-:10415080-10415048	exon=> In CDS Exon 9 of transcript AGAP008408-PA
JHU_Ag_98240	LIIDSIKLDDYADYTCEAR	AGAP008408-PA	C16(Carbamidomethyl)	54	7.10E-05	1	2274.104	3.38	Malpighian tubule	3R:-:10416561-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_100925	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	116	4.21E-11	1	2124.024	-1.94	Male reproductive organs	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA
JHU_Ag_104218	LTLHCIAYGTDPK	AGAP008408-PA	C5(Carbamidomethyl)	72	1.07E-06	1	1488.751	-0.12	Midgut	3R:-:10420484-10420446	exon=> In CDS Exon 6 of transcript AGAP008408-PA
JHU_Ag_108385	LDDYADYTCEAR	AGAP008408-PA	C9(Carbamidomethyl)	92	1.92E-09	2	1491.605	-0.77	Pupa	3R:-:10416540-10416505	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_112361	LTLHCIAYGTDPK	AGAP008408-PA	C5(Carbamidomethyl)	50	0.000155399	1	1488.759	4.71	Malpighian tubule	3R:-:10420484-10420446	exon=> In CDS Exon 6 of transcript AGAP008408-PA
JHU_Ag_112768	ALETDAGQYTCSVPQLGVSK	AGAP008408-PA	C11(Carbamidomethyl)	129	2.38E-12	1	2124.024	-1.71	Head	3R:-:10420718-10420659	exon=> In CDS Exon 5 of transcript AGAP008408-PA

JHU_Ag_114219	LIIDSIK	AGAP008408-PA	-	31	0.002980083	1	801.509	0.8	Salivary gland	3R:-:10416561-10416541	exon=> In CDS Exon 7 of transcript AGAP008408-PA
JHU_Ag_43826	IAAIDADGTAFK	AGAP008410-PA	-	79	2.18E-07	2	1192.620	-0.92	Ovary	3R:+:10480640-10480675	exon=> In CDS Exon 1 of transcript AGAP008410-PA
JHU_Ag_55651	ETLQENLR	AGAP008410-PA	-	42	0.001371344	2	1002.522	0.28	Ovary	3R:+:10481039-10481062	exon=> In CDS Exon 2 of transcript AGAP008410-PA
JHU_Ag_73764	LFIDVPDSASELLASPEQPKK	AGAP008410-PA	-	35	0.002585146	1	2284.208	0.31	Ovary	3R:+:10481135-10481197	exon=> In CDS Exon 2 of transcript AGAP008410-PA
JHU_Ag_12218	GAAGALMVYDITR	AGAP008419-PA	M7(Oxidation)	79	1.52E-07	2	1353.683	-0.02	Male reproductive organs	3R:-:10564410-10564372	exon=> In CDS Exon 2 of transcript AGAP008419-PA
JHU_Ag_18269	SAGPYNYSYIFK	AGAP008419-PA	N-Term(Acetyl)	74	6.20E-07	2	1451.691	4.76	Male reproductive organs	3R:-:10564730-10564695	exon=> In CDS Exon 1 of transcript AGAP008419-PA
JHU_Ag_53645	NLTNPSTVIFLIGNK	AGAP008419-PA	-	109	6.91E-11	2	1630.916	-0.48	Head	3R:-:10564253-10564209	exon=> In CDS Exon 3 of transcript AGAP008419-PA
JHU_Ag_79989	NLTNPSTVIFLIGNK	AGAP008419-PA	-	37	0.001026589	2	1630.917	0.12	Male reproductive organs	3R:-:10564253-10564209	exon=> In CDS Exon 3 of transcript AGAP008419-PA
JHU_Ag_102263	SCLLHQFTEK	AGAP008419-PA	C2(Carbamidomethyl)	63	9.00E-06	1	1262.617	-1.86	Male reproductive organs	3R:-:10564661-10564632	exon=> In CDS Exon 1 of transcript AGAP008419-PA
JHU_Ag_104106	LDLNSSETGVQHKPAQPGR	AGAP008419-PA	-	80	1.29E-07	1	2034.031	-2.87	Head	3R:-:10563950-10563894	exon=> In CDS Exon 4 of transcript AGAP008419-PA
JHU_Ag_55537	LQIWDTAGQER	AGAP008419-PA,AGAP004146-PA,AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP004204-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	53	9.00E-05	2	1316.664	3.67	Larva	3R:-:10564473-10564441;2R:-:50737849-50737888,50737531-50737735;2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;2R:-:51856550-51856518;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA

JHU_Ag_101805	LQIWDTAGQER	AGAP008419-PA,AGAP004146-PA,AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP004204-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	60	1.93E-05	1	1316.662	2.28	Visceras	3R:-:10564473-10564441;2R:-:50737849-50737888,50737531-50737735;2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;2R:-:51856550-51856518;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA
JHU_Ag_117181	LQIWDTAGQER	AGAP008419-PA,AGAP004146-PA,AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP004204-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	63	8.60E-06	1	1316.660	0.33	Ovary	3R:-:10564473-10564441;2R:-:50737849-50737888,50737531-50737735;2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;2R:-:51856550-51856518;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA

JHU_Ag_117460	LQIWDTAGQER	AGAP008419-PA,AGAP004146-PA,AGAP007096-PA,AGAP005255-PA,AGAP006873-PA,AGAP004204-PA,AGAP002092-PA,AGAP001211-PA,AGAP003028-PA,AGAP000671-PA	-	61	1.44E-05	1	1316.662	2.28	Malpighian tubule	3R:-:10564473-10564441;2R:-:50737849-50737888,50737531-50737735;2L:-:42578059-42578027;2L:-:13244746-13244959,13244547-13244645;2L:-:39304688-39304656;2R:-:51856550-51856518;2R:+:15231773-15231805;2R:+:1588116-1588126,1588209-1588230;2R:-:31246926-31246894;X:-:11848591-11848559	exon=> In CDS Exon 2 of transcript AGAP008419-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP004146-PA;exon=> In CDS Exon 2 of transcript AGAP007096-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005255-PA;exon=> In CDS Exon 2 of transcript AGAP006873-PA;exon=> In CDS Exon 3 of transcript AGAP004204-PA;exon=> In CDS Exon 1 of transcript AGAP002092-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP001211-PA;exon=> In CDS Exon 2 of transcript AGAP003028-PA;exon=> In CDS Exon 2 of transcript AGAP000671-PA
JHU_Ag_93674	VALITGANTGIGYETAR	AGAP008423-PA	-	52	6.24E-05	1	1706.910	1.66	Salivary gland	3R:-:10593502-10593452	exon=> In CDS Exon 2 of transcript AGAP008423-PA
JHU_Ag_23127	QAERPVSAEPSEETVEK	AGAP008425-PA	-	44	0.000754613	1	1885.913	-0.39	Malpighian tubule	3R:-:10596062-10596012	exon=> In CDS Exon 3 of transcript AGAP008425-PA
JHU_Ag_74522	SDLALETIYPNSSLR	AGAP008425-PA	-	39	0.001499997	2	1678.873	5	Visceras	3R:-:10596552-10596508	exon=> In CDS Exon 1 of transcript AGAP008425-PA
JHU_Ag_21786	YQILQEVGADELER	AGAP008427-PA	-	70	1.71E-06	2	1662.837	1.99	Ovary	3R:-:10600193-10600152	exon=> In CDS Exon 2 of transcript AGAP008427-PA
JHU_Ag_2643	AGAGAGTFVIAYAIHKVFAPVR	AGAP008432-PA	-	35	0.001214234	1	2216.241	3.33	Midgut	3R:+:10616065-10616130	exon=> In CDS Exon 3 of transcript AGAP008432-PA
JHU_Ag_5942	FLSHELNSSHYTNLR	AGAP008432-PA	-	116	3.58E-11	1	1817.902	5.19	Ovary	3R:+:10615346-10615390	exon=> In CDS Exon 1 of transcript AGAP008432-PA
JHU_Ag_30657	FLSHELNSSHYTNLR	AGAP008432-PA	-	89	1.91E-08	1	1817.894	0.34	Head	3R:+:10615346-10615390	exon=> In CDS Exon 1 of transcript AGAP008432-PA
JHU_Ag_34870	GVANEEQVVPVSR	AGAP008432-PA	-	70	1.11E-06	1	1383.731	5.8	Larva	3R:+:10615670-10615708	exon=> In CDS Exon 2 of transcript AGAP008432-PA
JHU_Ag_44567	ISITLGATPLIVR	AGAP008432-PA	-	62	5.13E-07	1	1353.849	1.62	Midgut	3R:+:10616131-10616169	exon=> In CDS Exon 3 of transcript AGAP008432-PA
JHU_Ag_52370	GVANEEQVVPVSR	AGAP008432-PA	-	54	3.97E-05	2	1383.723	0.06	Malpighian tubule	3R:+:10615670-10615708	exon=> In CDS Exon 2 of transcript AGAP008432-PA
JHU_Ag_71229	GVANEEQVVPVSR	AGAP008432-PA	-	89	1.42E-08	1	1383.719	-2.41	Midgut	3R:+:10615670-10615708	exon=> In CDS Exon 2 of transcript AGAP008432-PA
JHU_Ag_77837	AGAGAGTFVIAYAIHK	AGAP008432-PA	-	33	0.005571092	1	1546.837	-0.65	Ovary	3R:+:10616065-10616112	exon=> In CDS Exon 3 of transcript AGAP008432-PA
JHU_Ag_93267	ASASGSAGEQNSEGKGVANEEQVVPVSR	AGAP008432-PA	-	116	3.86E-11	1	2744.311	1.03	Malpighian tubule	3R:+:10615625-10615708	exon=> In CDS Exon 2 of transcript AGAP008432-PA
JHU_Ag_96322	GVANEEQVVPVSR	AGAP008432-PA	-	55	4.01E-05	2	1383.726	2.09	Head	3R:+:10615670-10615708	exon=> In CDS Exon 2 of transcript AGAP008432-PA
JHU_Ag_104495	AGAGAGTFVIAYAIHK	AGAP008432-PA	-	125	3.30E-12	1	1546.835	-1.59	Midgut	3R:+:10616065-10616112	exon=> In CDS Exon 3 of transcript AGAP008432-PA
JHU_Ag_97559	NRMASQPPVAPPK	AGAP008433-PA	Q6(Deamidated)	38	0.002364052	2	1393.712	-9.88	Midgut	3R:-:10619480-10619442	exon=> In CDS Exon 1 of transcript AGAP008433-PA

JHU_Ag_7486	EMTYNK	AGAP008435-PA	-	40	0.000506633	1	785.351	1.03	Malpighian tubule	3R:+:10713542-10713559	exon=> In CDS Exon 11 of transcript AGAP008435-PA
JHU_Ag_11859	HADVYLLDDPLR	AGAP008436-PA	-	97	2.75E-09	1	1426.734	0.79	Malpighian tubule	3R:+:10722108-10722143	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_28927	SPIILQYNETIQGIDTIK	AGAP008436-PA	-	36	0.001198786	2	2046.121	4.38	Midgut	3R:+:10723038-10723091	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_40695	VLWLQEGR	AGAP008436-PA	-	36	0.003058308	2	1000.556	-1.53	Malpighian tubule	3R:+:10724061-10724084	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_53313	VAQYLDLQR	AGAP008436-PA	-	55	3.52E-05	2	1105.608	6.91	Malpighian tubule	3R:+:10723383-10723409	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_67240	VLWLQEGR	AGAP008436-PA	-	38	0.001960351	2	1000.557	-0.38	Midgut	3R:+:10724061-10724084	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_97425	VAQYLDLQR	AGAP008436-PA	-	45	0.00037204	2	1105.597	-2.36	Midgut	3R:+:10723383-10723409	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_97946	SSFIGTLFR	AGAP008436-PA	-	61	6.58E-06	2	1027.559	1.81	Malpighian tubule	3R:+:10723599-10723625	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_100323	SPIILQYNETIQGIDTIK	AGAP008436-PA	-	33	0.001695481	2	2046.135	11.12	Malpighian tubule	3R:+:10723038-10723091	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_111310	VAYCPQTPWIHSGTIR	AGAP008436-PA	C4(Carbamidomethyl)	59	2.31E-05	1	1885.944	3.08	Malpighian tubule	3R:+:10721877-10721924	exon=> In CDS Exon 4 of transcript AGAP008436-PA
JHU_Ag_90	LEEYTVLPR	AGAP008437-PA	-	59	1.58E-05	2	1119.608	3.42	Midgut	3R:+:10743702-10743728	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_3203	GQLSAIVGTVGTGK	AGAP008437-PA	-	122	5.43E-12	2	1287.728	1.21	Midgut	3R:+:10735275-10735316	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_5474	MPMSFFDTTPLGR	AGAP008437-PA	M1(Oxidation), M3(Oxidation)	64	3.15E-06	2	1531.689	-1.74	Midgut	3R:+:10736545-10736583	exon=> In CDS Exon 7 of transcript AGAP008437-PA
JHU_Ag_11489	KGQLSAIVGTVGTGK	AGAP008437-PA	-	51	3.24E-05	2	1415.822	0.24	Male reproductive organs	3R:+:10735272-10735316	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_13749	MNEILGGIK	AGAP008437-PA	M1(Oxidation)	68	2.11E-06	2	990.528	-0.73	Midgut	3R:+:10728789-10728815	exon=> In CDS Exon 3 of transcript AGAP008437-PA
JHU_Ag_17263	LYAWEPSFQDTVVTVR	AGAP008437-PA	-	50	0.000148064	2	1910.968	1.73	Midgut	3R:+:10728825-10728872	exon=> In CDS Exon 3 of transcript AGAP008437-PA
JHU_Ag_21496	GLTAGLDHEIAENGENLSVGQR	AGAP008437-PA	-	41	0.001228562	3	2280.121	-0.26	Male reproductive organs	3R:+:10744219-10744284	exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_22883	VEFKDYQIR	AGAP008437-PA	-	40	0.00105324	1	1197.627	0.59	Male reproductive organs	3R:+:10743783-10743809	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_30266	DNILFGK	AGAP008437-PA	-	55	4.05E-05	1	806.440	-0.66	Midgut	3R:+:10735434-10735454	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_37879	SPIYSHFGESIGGQSTIR	AGAP008437-PA	-	49	0.000188111	1	1935.963	3.59	Malpighian tubule	3R:+:10743357-10743410	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_40890	SDEALTIK	AGAP008437-PA	-	38	0.002291778	2	876.467	-0.56	Midgut	3R:+:10735185-10735208	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_41583	AVYADAEVYLFDDPLSAVDAHVGK	AGAP008437-PA	-	100	1.38E-09	1	2565.250	-0.3	Midgut	3R:+:10735605-10735676	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_50523	GQLSAIVGTVGTGK	AGAP008437-PA	-	97	1.83E-09	2	1287.727	-0.12	Male reproductive organs	3R:+:10735275-10735316	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_51707	ALELSHLK	AGAP008437-PA	-	41	0.000244411	1	910.536	0.01	Midgut	3R:+:10744183-10744206	exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_58168	DNILFGK	AGAP008437-PA	-	34	0.004518425	2	806.442	1.97	Malpighian tubule	3R:+:10735434-10735454	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_58700	ALELSHLK	AGAP008437-PA	-	36	0.001208815	1	910.533	-2.54	Male reproductive organs	3R:+:10744183-10744206	exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_59419	SSLISALLGEMEK	AGAP008437-PA	M11(Oxidation)	111	1.11E-10	2	1377.728	-1.19	Midgut	3R:+:10735317-10735355	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_59617	IVEAAGGQIIIDGLDISK	AGAP008437-PA	-	152	4.34E-15	2	1812.012	0.13	Midgut	3R:+:10744006-10744059	exon=> In CDS Exon 10 of transcript AGAP008437-PA

JHU_Ag_59630	SPIYSHFGESIGGQSTIR	AGAP008437-PA	-	75	4.71E-07	1	1935.957	0.37	Midgut	3R:+:10743357-10743410	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_59804	KGQLSAIVGTVGTGK	AGAP008437-PA	-	109	4.89E-11	2	1415.822	0.15	Midgut	3R:+:10735272-10735316	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_60500	ANVDPFK	AGAP008437-PA	-	41	0.001328409	2	790.410	0.22	Male reproductive organs	3R:+:10744135-10744155	exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_67355	MPMSFFDTTPLGR	AGAP008437-PA	-	99	1.36E-09	1	1499.708	3.56	Malpighian tubule	3R:+:10736545-10736583	exon=> In CDS Exon 7 of transcript AGAP008437-PA
JHU_Ag_76162	ISGHVNTDGSIAYVPQQAWIQNATLR	AGAP008437-PA	-	129	1.45E-12	1	2839.448	-0.18	Midgut	3R:+:10735356-10735433	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_79046	SSLISALLGEMEK	AGAP008437-PA	M11(Oxidation)	53	6.77E-05	2	1393.725	0.19	Male reproductive organs	3R:+:10735317-10735355	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_85578	LLVTHGISFLPFVENILVLK	AGAP008437-PA	-	57	5.25E-07	1	2252.339	-1.34	Midgut	3R:+:10735731-10735790	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_87950	TGLVSAIYRK	AGAP008437-PA	-	48	4.65E-05	1	1107.659	6.09	Midgut	3R:+:10740965-10740994	exon=> In CDS Exon 8 of transcript AGAP008437-PA
JHU_Ag_91758	VDYNQLVTYPTILANR	AGAP008437-PA	-	53	5.30E-05	2	1879.992	0.37	Midgut	3R:+:10743456-10743503	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_91940	TGLVSAIYR	AGAP008437-PA	-	44	0.000358442	2	979.557	0.16	Midgut	3R:+:10740965-10740991	exon=> In CDS Exon 8 of transcript AGAP008437-PA
JHU_Ag_92891	LEEYTVLPR	AGAP008437-PA	-	46	0.000313524	2	1119.606	1.79	Malpighian tubule	3R:+:10743702-10743728	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_98705	DGTFSWGDETPTLK	AGAP008437-PA	-	97	2.40E-09	1	1553.712	-0.12	Midgut	3R:+:10735209-10735250	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_100137	KDTTVGEIVNLMAVDAQR	AGAP008437-PA	M12(Oxidation)	92	8.20E-09	2	1960.014	-1.63	Midgut	3R:+:10728522-10728575	exon=> In CDS Exon 3 of transcript AGAP008437-PA
JHU_Ag_102325	IINRFSK	AGAP008437-PA	-	33	0.002225302	1	877.527	2	Malpighian tubule	3R:+:10736584-10736604	exon=> In CDS Exon 7 of transcript AGAP008437-PA
JHU_Ag_103213	SSLTLGLFR	AGAP008437-PA	-	55	1.83E-05	2	993.573	-0.18	Male reproductive organs	3R:+:10743906-10743931,10744005-10744005	exon=> In CDS Exon 9 and 10 of transcript AGAP008437-PA
JHU_Ag_105770	SSLISALLGEMEK	AGAP008437-PA	M11(Oxidation)	59	1.87E-05	1	1393.724	-0.33	Malpighian tubule	3R:+:10735317-10735355	exon=> In CDS Exon 4 of transcript AGAP008437-PA
JHU_Ag_108278	SPIYSHFGESIGGQSTIR	AGAP008437-PA	-	70	1.80E-06	1	1935.955	-0.25	Male reproductive organs	3R:+:10743357-10743410	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_109813	LEEYTVLPR	AGAP008437-PA	-	49	0.000160742	2	1119.605	0.59	Male reproductive organs	3R:+:10743702-10743728	exon=> In CDS Exon 9 of transcript AGAP008437-PA
JHU_Ag_71551	LTIIPQDPVLFSGTLR	AGAP008437-PA,AGAP009835-PA	-	42	0.000195364	2	1770.031	8.67	Larva	3R:+:10744087-10744134;3R:-:44057208-44057161	exon=> In CDS Exon 10 of transcript AGAP008437-PA;exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_74512	LTIIPQDPVLFSGTLR	AGAP008437-PA,AGAP009835-PA	-	48	5.24E-05	1	1770.020	2.46	Visceras	3R:+:10744087-10744134;3R:-:44057208-44057161	exon=> In CDS Exon 10 of transcript AGAP008437-PA;exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_107738	LTIIPQDPVLFSGTLR	AGAP008437-PA,AGAP009835-PA	-	42	0.000206235	2	1770.021	2.73	Ovary	3R:+:10744087-10744134;3R:-:44057208-44057161	exon=> In CDS Exon 10 of transcript AGAP008437-PA;exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_117492	LTIIPQDPVLFSGTLR	AGAP008437-PA,AGAP009835-PA	-	66	9.18E-07	1	1770.020	2.18	Malpighian tubule	3R:+:10744087-10744134;3R:-:44057208-44057161	exon=> In CDS Exon 10 of transcript AGAP008437-PA;exon=> In CDS Exon 18 of transcript AGAP009835-PA

JHU_Ag_16803	GLVAECDSPQNLLANR	AGAP008437-PA,AGAP012735-PA	C6(Carbamidomethyl)	120	1.41E-11	1	1756.869	2.32	Malpighian tubule	3R:+:10744551-10744598;UNKN:-:26034629-26034582	exon=> In CDS Exon 11 of transcript AGAP008437-PA;exon=> In CDS Exon 2 of transcript AGAP012735-PA
JHU_Ag_83185	GYANADIAK	AGAP008438-PA	-	54	6.41E-05	1	922.462	-0.76	Salivary gland	3R:+:10799414-10799440	exon=> In CDS Exon 1 of transcript AGAP008438-PA
JHU_Ag_113839	HSSLNVQPDLSASMAEPAK	AGAP008438-PA	M14(Oxidation)	93	7.46E-09	2	1997.959	-0.25	Salivary gland	3R:+:10800452-10800508	exon=> In CDS Exon 1 of transcript AGAP008438-PA
JHU_Ag_12899	DYLEGDNSDIVATDSQK	AGAP008440-PA	-	83	5.01E-08	2	1869.835	0.17	Head	3R:+:10813342-10813354,10813446-10813483	exon=> In CDS Exon 1 and 2 of transcript AGAP008440-PA
JHU_Ag_66139	GIFSPSVQNTLYLAEK	AGAP008440-PA	-	46	0.000228894	2	1766.948	8.79	Larva	3R:+:10814051-10814098	exon=> In CDS Exon 3 of transcript AGAP008440-PA
JHU_Ag_2402	LVISFK	AGAP008441-PA	-	32	0.001165424	1	706.453	3.97	Ovary	3R:+:10817527-10817544	exon=> In CDS Exon 1 of transcript AGAP008441-PA
JHU_Ag_5259	LLTELPEGPLPIVYIEDAAGK	AGAP008442-PA	-	70	5.11E-07	1	2238.224	-1.33	Midgut	3R:-:10822949-10822887	exon=> In CDS Exon 1 of transcript AGAP008442-PA
JHU_Ag_111579	SLIPLHSIVLAK	AGAP008443-PA	-	24	0.00108423	1	1290.814	-0.51	Male reproductive organs	3R:-:10838607-10838676,10838193-10838304	exon=> In CDS Exon 5 and 4 of transcript AGAP008443-PA
JHU_Ag_45604	GAVHVAPLPGHSVSQTQLNLAPAPGSE	AGAP008444-PA	-	50	9.29E-05	1	2634.360	-1.44	Midgut	3R:+:10866929-10867009	exon=> In CDS Exon 2 of transcript AGAP008444-PA
JHU_Ag_103221	GAVHVAPLPGHSVSQTQLNLAPAPGSE	AGAP008444-PA	Q15(Deamidated),N19(Deamidated),Q17(Deamidated)	115	2.66E-11	1	2634.370	2.32	Head	3R:+:10866929-10867009	exon=> In CDS Exon 2 of transcript AGAP008444-PA
JHU_Ag_103493	GAVHVAPLPGHSVSQTQLNLAPAPGSE	AGAP008444-PA	-	75	2.31E-07	1	2634.370	2.59	Malpighian tubule	3R:+:10866929-10867009	exon=> In CDS Exon 2 of transcript AGAP008444-PA
JHU_Ag_111109	GAVHVAPLPGHSVSQTQLNLAPAPGSE	AGAP008444-PA	-	74	2.93E-07	1	2634.371	2.66	Visceras	3R:+:10866929-10867009	exon=> In CDS Exon 2 of transcript AGAP008444-PA
JHU_Ag_65278	GAVHIAPLPGHSISQFQYNLDGPPGTY	AGAP008445-PA	-	125	3.97E-12	1	2836.403	-0.74	Head	3R:-:10868530-10868450	exon=> In CDS Exon 2 of transcript AGAP008445-PA
JHU_Ag_53040	GAVHVAPLPGHAVSQQQLNLAPAPGTL	AGAP008446-PA	-	120	3.53E-12	1	2643.446	3.38	Head	3R:-:10871706-10871626	exon=> In CDS Exon 1 of transcript AGAP008446-PA
JHU_Ag_90639	GAVHVAPLPGHAVSQQQLNLAPAPGTL	AGAP008446-PA	-	86	9.40E-09	1	2643.448	4.3	Visceras	3R:-:10871706-10871626	exon=> In CDS Exon 1 of transcript AGAP008446-PA
JHU_Ag_13159	GAVHVAPLPGHAVSQQQLNLAPAPGTI	AGAP008447-PA	-	120	3.53E-12	1	2643.446	3.38	Head	3R:+:10873736-10873816	exon=> In CDS Exon 2 of transcript AGAP008447-PA
JHU_Ag_14715	GAVHVAPLPGHAVSQQQLNLAPAPGTI	AGAP008447-PA	-	33	0.002344247	3	2643.427	-3.6	Midgut	3R:+:10873736-10873816	exon=> In CDS Exon 2 of transcript AGAP008447-PA
JHU_Ag_95310	GAVHVAPLPGHAVSQQQLNLAPAPGTI	AGAP008447-PA	-	86	9.40E-09	1	2643.448	4.3	Visceras	3R:+:10873736-10873816	exon=> In CDS Exon 2 of transcript AGAP008447-PA
JHU_Ag_33576	QLNLAPAPGTL	AGAP008449-PA	-	51	4.99E-05	1	1094.620	-0.56	Head	3R:-:10877928-10877896	exon=> In CDS Exon 2 of transcript AGAP008449-PA
JHU_Ag_36646	GAVHVAPLPGHAVSQK	AGAP008449-PA	-	65	1.96E-06	1	1567.864	-4.21	Midgut	3R:-:10877976-10877929	exon=> In CDS Exon 2 of transcript AGAP008449-PA
JHU_Ag_43761	GAVHVAPLPGHAVSQK	AGAP008449-PA	Q15(Deamidated)	133	2.96E-13	1	1567.871	0.46	Head	3R:-:10877976-10877929	exon=> In CDS Exon 2 of transcript AGAP008449-PA
JHU_Ag_54642	GAVHVAPLPGHAVSQKQLNLAPAPGTL	AGAP008449-PA	-	120	3.53E-12	1	2643.446	-10.39	Head	3R:-:10877976-10877896	exon=> In CDS Exon 2 of transcript AGAP008449-PA
JHU_Ag_62779	GAVHVAPLPGHAVSQK	AGAP008449-PA	-	123	2.92E-12	1	1567.874	2.33	Malpighian tubule	3R:-:10877976-10877929	exon=> In CDS Exon 2 of transcript AGAP008449-PA
JHU_Ag_69812	GAVHVAPLPGHAVSQKQLNLAPAPGTL	AGAP008449-PA	-	29	0.005600686	3	2643.435	-14.25	Midgut	3R:-:10877976-10877896	exon=> In CDS Exon 2 of transcript AGAP008449-PA
JHU_Ag_88453	GAVHVAPLPGHAVSQKQLNLAPAPGTL	AGAP008449-PA	-	86	9.40E-09	1	2643.448	-9.47	Visceras	3R:-:10877976-10877896	exon=> In CDS Exon 2 of transcript AGAP008449-PA

JHU_Ag_114171	GAVHEAPLPGHVVNQQSLNLEPAPGTL	AGAP008459-PA	-	109	9.08E-11	1	2745.437	1.84	Head	3R:+:10898115-10898195	exon=> In CDS Exon 1 of transcript AGAP008459-PA
JHU_Ag_27954	YYSGPAVTYAAAPAVTTYSVPK	AGAP008465-PA	-	45	0.000386401	1	2277.156	5.37	Pupa	3R:+:10911188-10911253	exon=> In CDS Exon 1 of transcript AGAP008465-PA
JHU_Ag_61293	TPVVYTGAEK	AGAP008465-PA	-	53	7.54E-05	1	1064.564	1.16	Pupa	3R:+:10911050-10911079	exon=> In CDS Exon 1 of transcript AGAP008465-PA
JHU_Ag_80631	TVVQQNVAPK	AGAP008465-PA	-	45	0.000186584	2	1083.617	0.82	Pupa	3R:+:10911080-10911109	exon=> In CDS Exon 1 of transcript AGAP008465-PA
JHU_Ag_310	IASEINAPTFVLQTFAK	AGAP008468-PA	-	97	1.46E-09	2	1850.011	2.57	Pupa	3R:+:10932660-10932710	exon=> In CDS Exon 6 of transcript AGAP008468-PA
JHU_Ag_1311	DISFETLIK	AGAP008468-PA	-	39	0.001271838	2	1065.578	-4.14	Visceras	3R:+:10931021-10931047	exon=> In CDS Exon 5 of transcript AGAP008468-PA
JHU_Ag_12543	LPPVTLAFGQLEGNWK	AGAP008468-PA	-	82	5.23E-08	2	1769.962	2.05	Pupa	3R:+:10920455-10920502	exon=> In CDS Exon 3 of transcript AGAP008468-PA
JHU_Ag_22457	IASEINAPTFVLQTFAK	AGAP008468-PA	-	64	2.88E-06	2	1850.016	5.41	Larva	3R:+:10932660-10932710	exon=> In CDS Exon 6 of transcript AGAP008468-PA
JHU_Ag_27397	TRDPIISLFGDAIGDLPLVK	AGAP008468-PA	-	35	0.000867277	1	2140.207	2.56	Malpighian tubule	3R:+:10929737-10929796	exon=> In CDS Exon 5 of transcript AGAP008468-PA
JHU_Ag_54701	AHLTLLSTAKPEPIPNVTISEDK	AGAP008468-PA	-	35	0.001274 39	1	2474.362	4.64	Larva	3R:+:10929797-10929865	exon=> In CDS Exon 5 of transcript AGAP008468-PA
JHU_Ag_59960	DISFETLIKER	AGAP008468-PA	-	76	2.52E-07	1	1350.732	4.3	Malpighian tubule	3R:+:10931021-10931053	exon=> In CDS Exon 5 of transcript AGAP008468-PA
JHU_Ag_71135	TESETAEATTQQLQLQDLLASFGDETASHHTVLR	AGAP008468-PA	-	169	1.40E-16	1	3727.834	7.83	Larva	3R:+:10932468-10932569	exon=> In CDS Exon 6 of transcript AGAP008468-PA
JHU_Ag_71289	AHLTLLSTAKPEPIPNVTISEDKLMK	AGAP008468-PA	M25(Oxidation)	75	8.44E-08	1	2862.576	3.82	Malpighian tubule	3R:+:10929797-10929874	exon=> In CDS Exon 5 of transcript AGAP008468-PA
JHU_Ag_76995	MHPSTSSTSSATTAAAAAPGTK	AGAP008468-PA	N-Term(Acetyl), M1(Oxidation)	68	2.68E-06	2	2090.977	5.43	Malpighian tubule	3R:+:10918682-10918747	exon=> In CDS Exon 1 of transcript AGAP008468-PA
JHU_Ag_83283	SEANAVILLQK	AGAP008468-PA	-	71	5.35E-07	2	1185.688	3.76	Malpighian tubule	3R:+:10919633-10919665	exon=> In CDS Exon 3 of transcript AGAP008468-PA
JHU_Ag_105935	IASEINAPTFVLQTFAK	AGAP008468-PA	-	65	1.89E-06	2	1850.018	6.79	Malpighian tubule	3R:+:10932660-10932710	exon=> In CDS Exon 6 of transcript AGAP008468-PA
JHU_Ag_113317	SNIGHSEAAAGICSVTK	AGAP008468-PA	C13(Carbamidomethyl)	60	1.36E-05	1	1701.832	5.56	Malpighian tubule	3R:+:10919939-10919989	exon=> In CDS Exon 3 of transcript AGAP008468-PA
JHU_Ag_8824	AIDLLR	AGAP008469-PA,AGAP003661-PB,AGAP003661-PA	-	44	0.000349529	2	700.437	2.94	Male reproductive organs	3R:-:10935298-10935281;2R:+:41320051-41320068;2R:+:41320051-41320068	exon=> In CDS Exon 1 of transcript AGAP008469-PA;exon=> In CDS Exon 3 of transcript AGAP003661-PB;exon=> In CDS Exon 3 of transcript AGAP003661-PA
JHU_Ag_13814	AIDLLR	AGAP008469-PA,AGAP003661-PB,AGAP003661-PA	-	29	0.009459532	1	700.435	0.35	Head	3R:-:10935298-10935281;2R:+:41320051-41320068;2R:+:41320051-41320068	exon=> In CDS Exon 1 of transcript AGAP008469-PA;exon=> In CDS Exon 3 of transcript AGAP003661-PB;exon=> In CDS Exon 3 of transcript AGAP003661-PA
JHU_Ag_89174	AIDLLR	AGAP008469-PA,AGAP003661-PB,AGAP003661-PA	-	33	0.003530772	2	700.435	-0.63	Visceras	3R:-:10935298-10935281;2R:+:41320051-41320068;2R:+:41320051-41320068	exon=> In CDS Exon 1 of transcript AGAP008469-PA;exon=> In CDS Exon 3 of transcript AGAP003661-PB;exon=> In CDS Exon 3 of transcript AGAP003661-PA
JHU_Ag_24134	ITNIDISPVVIK	AGAP008472-PA	-	44	6.48E-05	2	1311.791	2.02	Ovary	3R:+:10987010-10987045	exon=> In CDS Exon 2 of transcript AGAP008472-PA
JHU_Ag_56368	TTITAVEIDPEVEQIAVK	AGAP008472-PA	-	36	0.002172532	1	1956.057	1.49	Ovary	3R:+:10988279-10988332	exon=> In CDS Exon 2 of transcript AGAP008472-PA
JHU_Ag_57046	NLLPK	AGAP008472-PA	N-Term(Acetyl)	23	0.001469336	1	626.387	0.37	Male reproductive organs	3R:+:10986714-10986728	exon=> In CDS Exon 1 of transcript AGAP008472-PA

JHU_Ag_99621	ITNIDISPVVIK	AGAP008472-PA	-	51	1.54E-05	2	1311.793	3.7	Malpighian tubule	3R:+:10987010-10987045	exon=> In CDS Exon 2 of transcript AGAP008472-PA
JHU_Ag_39641	DGQTVEPQQGVDATTGAPK	AGAP008473-PA	-	73	8.46E-07	2	1898.913	2.05	Head	3R:-:10994778-10994722	exon=> In CDS Exon 5 of transcript AGAP008473-PA
JHU_Ag_28473	NVIISSGATNPFQLR	AGAP008481-PA	-	108	1.64E-10	1	1616.877	0.97	Ovary	3R:+:11063624-11063668	exon=> In CDS Exon 3 of transcript AGAP008481-PA
JHU_Ag_76310	SPYDIANLGLIFGLTEEK	AGAP008481-PA	-	166	2.85E-16	1	1980.035	1.48	Ovary	3R:+:11063669-11063691,11063775-11063805	exon=> In CDS Exon 3 and 4 of transcript AGAP008481-PA
JHU_Ag_77942	NFYYLAVDR	AGAP008481-PA	-	44	0.000499401	2	1160.573	-0.72	Ovary	3R:+:11063492-11063518	exon=> In CDS Exon 3 of transcript AGAP008481-PA
JHU_Ag_116350	YSPAIVTPADR	AGAP008481-PA	-	43	0.000923586	1	1189.622	0.35	Ovary	3R:+:11063540-11063572	exon=> In CDS Exon 3 of transcript AGAP008481-PA
JHU_Ag_9466	DETEDLVIAEPR	AGAP008482-PA	-	97	2.89E-09	2	1386.677	1.28	Head	3R:+:11116421-11116456	exon=> In CDS Exon 11 of transcript AGAP008482-PA
JHU_Ag_9496	KPEPVYIDVEEYFVK	AGAP008482-PA	-	73	6.43E-07	1	1854.956	1.99	Head	3R:+:11114219-11114263	exon=> In CDS Exon 11 of transcript AGAP008482-PA
JHU_Ag_47230	LGDNEEDPEDGVPSETTR	AGAP008482-PA	-	83	2.58E-08	1	1959.844	1.42	Head	3R:+:11121160-11121213	exon=> In CDS Exon 17 of transcript AGAP008482-PA
JHU_Ag_59865	ARQIVK	AGAP008482-PA	Q3(Deamidated)	34	0.006196832	1	715.435	-14.97	Head	3R:+:11124266-11124283	exon=> In CDS Exon 22 of transcript AGAP008482-PA
JHU_Ag_69706	ARQIVK	AGAP008482-PA	-	35	0.002328598	1	714.453	-12.85	Malpighian tubule	3R:+:11124266-11124283	exon=> In CDS Exon 22 of transcript AGAP008482-PA
JHU_Ag_73879	EAAPTTTATDVPMETSEETK	AGAP008482-PA	M13(Oxidation)	70	1.30E-06	2	2124.951	0.93	Head	3R:+:11113556-11113615	exon=> In CDS Exon 10 of transcript AGAP008482-PA
JHU_Ag_81887	LEQIPK	AGAP008482-PA	Q3(Deamidated)	32	0.003320382	2	728.420	0.94	Malpighian tubule	3R:+:11123874-11123891	exon=> In CDS Exon 21 of transcript AGAP008482-PA
JHU_Ag_86198	KPRKPR	AGAP008482-PA	-	22	0.00063387	2	781.506	-12.28	Malpighian tubule	3R:+:11111332-11111349	exon=> In CDS Exon 6 of transcript AGAP008482-PA
JHU_Ag_87237	TPSSKPR	AGAP008482-PA	-	42	0.000685496	2	772.431	-0.65	Visceras	3R:+:11111320-11111340	exon=> In CDS Exon 6 of transcript AGAP008482-PA
JHU_Ag_110222	DNNDVEMAEEAK	AGAP008482-PA	M7(Oxidation)	64	1.06E-06	2	1380.561	1.64	Head	3R:+:11125097-11125132	exon=> In CDS Exon 23 of transcript AGAP008482-PA
JHU_Ag_58307	LELLSK	AGAP008482-PA,AGAP001826-PA	-	39	0.00093716	1	702.442	3.7	Ovary	3R:+:11124248-11124265;2R:-:11121179-11121162	exon=> In CDS Exon 22 of transcript AGAP008482-PA;exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_83376	LELLSK	AGAP008482-PA,AGAP001826-PA	-	36	0.001393642	2	702.439	-1.26	Visceras	3R:+:11124248-11124265;2R:-:11121179-11121162	exon=> In CDS Exon 22 of transcript AGAP008482-PA;exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_101817	LELLSK	AGAP008482-PA,AGAP001826-PA	-	34	0.00263725	1	702.438	-2.11	Pupa	3R:+:11124248-11124265;2R:-:11121179-11121162	exon=> In CDS Exon 22 of transcript AGAP008482-PA;exon=> In CDS Exon 4 of transcript AGAP001826-PA
JHU_Ag_24664	AETAELLDIIR	AGAP008483-PA	-	53	6.34E-05	2	1243.691	1.13	Ovary	3R:-:11137621-11137589	exon=> In CDS Exon 1 of transcript AGAP008483-PA
JHU_Ag_152	NCDTPWNAVEDLLDR	AGAP008487-PA	C2(Carbamidomethyl)	119	1.14E-11	1	1817.812	-0.38	Midgut	3R:+:11221814-11221858	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_2537	MYSFQEEYGLSDLSPAGVDEMIQR	AGAP008487-PA	M1(Oxidation), M21(Oxidation)	79	1.12E-07	2	2797.249	5.65	Larva	3R:+:11222755-11222826	exon=> In CDS Exon 3 of transcript AGAP008487-PA
JHU_Ag_6091	ESQGVPEDPAAGAGHWGDYR	AGAP008487-PA	-	58	1.25E-05	1	2098.928	3.03	Larva	3R:+:11221754-11221813	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_6743	ESQGVPEDPAAGAGHWGDYR	AGAP008487-PA	-	86	1.89E-08	1	2098.922	0.12	Midgut	3R:+:11221754-11221813	exon=> In CDS Exon 2 of transcript AGAP008487-PA

JHU_Ag_7488	LGGYYTALVSPGFR	AGAP008487-PA	-	75	4.55E-07	1	1500.786	0.73	Midgut	3R:+:11222162-11222203	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_10317	EGPLCAICR	AGAP008487-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	47	0.000209784	2	1075.506	3.74	Larva	3R:+:11221310-11221336	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_14049	VHILAHLPISSDCFSVWQR	AGAP008487-PA	C13(Carbamidomethyl)	121	1.01E-11	1	2265.158	-0.64	Midgut	3R:+:11222333-11222389	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_43266	CQELSETFFD	AGAP008487-PA	C1(Carbamidomethyl)	39	0.000317954	1	1275.520	-0.25	Midgut	3R:+:11222980-11223009	exon=> In CDS Exon 3 of transcript AGAP008487-PA
JHU_Ag_44537	LGGYYTALVSPGFR	AGAP008487-PA	-	57	2.69E-05	2	1500.790	3.5	Pupa	3R:+:11222162-11222203	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_56220	GFGGSVLEFR	AGAP008487-PA	-	81	7.64E-08	1	1068.550	2.13	Male reproductive organs	3R:+:11221337-11221366	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_56998	LADASLATDCTDECLLNHLCEIVTNQADDLRK	AGAP008487-PA	C10(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	71	1.01E-06	1	3674.735	6.83	Midgut	3R:+:11222884-11222979	exon=> In CDS Exon 3 of transcript AGAP008487-PA
JHU_Ag_59207	GFGGSVLEFR	AGAP008487-PA	-	68	1.46E-06	2	1068.550	2.93	Larva	3R:+:11221337-11221366	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_64536	FYASFEQQVSR	AGAP008487-PA	-	92	8.64E-09	1	1361.648	-0.71	Midgut	3R:+:11220901-11220907,11221164-11221189	exon=> In CDS Exon 1 and 2 of transcript AGAP008487-PA
JHU_Ag_67696	GFGGSVLEFR	AGAP008487-PA	-	40	0.001292582	2	1068.547	0.07	Pupa	3R:+:11221337-11221366	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_69617	LGGYYTALVSPGFR	AGAP008487-PA	-	51	0.000129636	1	1500.791	4.48	Larva	3R:+:11222162-11222203	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_73093	IVQITDLHFDPNYRPGYNAECGAPACCR	AGAP008487-PA	C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl)	107	2.05E-10	1	3294.484	-1.03	Midgut	3R:+:11221670-11221753	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_87705	NCDTPWNAVEDLLDR	AGAP008487-PA	C2(Carbamidomethyl)	85	3.31E-08	2	1817.820	4.33	Male reproductive organs	3R:+:11221814-11221858	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_95656	MYSFQEEYGLSDLSPAGVDEMIQR	AGAP008487-PA	M1(Oxidation),M21(Oxidation),"M1(Oxidation), M21(Oxidation)"	82	4.25E-08	2	2781.240	0.61	Midgut	3R:+:11222755-11222826	exon=> In CDS Exon 3 of transcript AGAP008487-PA
JHU_Ag_96389	HLIAASAIGK	AGAP008487-PA	-	46	9.82E-05	1	980.588	-0.92	Midgut	3R:+:11221238-11221267	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_99125	VAEEHADADFIYHTGDIIDHGIWETSIGYNVR	AGAP008487-PA	-	185	3.67E-18	1	3643.715	1.74	Midgut	3R:+:11221859-11221954	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_100347	IVQITDLHFDPNYRPGYNAECGAPACCR	AGAP008487-PA	C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl)	82	6.08E-08	1	3294.500	3.8	Larva	3R:+:11221670-11221753	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_115353	GFGGSVLEFR	AGAP008487-PA	-	69	1.34E-06	2	1068.548	0.3	Midgut	3R:+:11221337-11221366	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_116487	LGGYYTALVSPGFR	AGAP008487-PA	-	74	6.34E-07	1	1500.786	1.14	Male reproductive organs	3R:+:11222162-11222203	exon=> In CDS Exon 2 of transcript AGAP008487-PA
JHU_Ag_84660	TLEHPTTNLDTMIHLLK	AGAP008490-PA	M12(Oxidation)	64	4.01E-06	1	1993.037	-2.47	Head	3R:-:11309430-11309380	exon=> In CDS Exon 1 of transcript AGAP008490-PA
JHU_Ag_11493	EQFLGISPER	AGAP008491-PA	-	40	0.001828926	2	1175.608	1.72	Ovary	3R:+:11316526-11316555	exon=> In CDS Exon 2 of transcript AGAP008491-PA
JHU_Ag_19394	FYDEYAHK	AGAP008491-PA	-	33	0.001702949	2	1072.469	-4.23	Head	3R:+:11316219-11316242	exon=> In CDS Exon 1 of transcript AGAP008491-PA

JHU_Ag_28536	EQFLGISPER	AGAP008491-PA	-	67	4.33E-06	1	1175.608	1.78	Midgut	3R:+:11316526-11316555	exon=> In CDS Exon 2 of transcript AGAP008491-PA
JHU_Ag_63336	MKNLTEVLYK	AGAP008491-PA	M1(Oxidation)	56	2.29E-05	2	1254.678	1.09	Malpighian tubule	3R:+:11316189-11316218	exon=> In CDS Exon 1 of transcript AGAP008491-PA
JHU_Ag_70382	MKNLTEVLYK	AGAP008491-PA	M1(Oxidation)	44	0.000317538	2	1254.675	-0.95	Midgut	3R:+:11316189-11316218	exon=> In CDS Exon 1 of transcript AGAP008491-PA
JHU_Ag_96132	NLTEVLYK	AGAP008491-PA	-	38	0.001527683	1	979.546	0.43	Midgut	3R:+:11316195-11316218	exon=> In CDS Exon 1 of transcript AGAP008491-PA
JHU_Ag_5901	AITLLDACVNNCGK	AGAP008494-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)	59	2.22E-05	2	1548.753	1.15	Male reproductive organs	3R:+:11326522-11326530,11326597-11326629	exon=> In CDS Exon 2 and 3 of transcript AGAP008494-PA
JHU_Ag_49876	HLLQPATVEINEEK	AGAP008494-PA	-	71	8.85E-07	2	1620.863	2.38	Head	3R:+:11327778-11327819	exon=> In CDS Exon 6 of transcript AGAP008494-PA
JHU_Ag_52382	HAQLTQSSSDLVDAINLYHNLMR	AGAP008494-PA	M22(Oxidation)	78	2.25E-07	1	2642.312	4.72	Head	3R:+:11327961-11328029	exon=> In CDS Exon 6 of transcript AGAP008494-PA
JHU_Ag_78079	AITLLDACVNNCGK	AGAP008494-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)	49	0.000211834	2	1548.752	0.68	Salivary gland	3R:+:11326522-11326530,11326597-11326629	exon=> In CDS Exon 2 and 3 of transcript AGAP008494-PA
JHU_Ag_79172	SLFGTTSTLNADIEK	AGAP008494-PA	N-Term(Acetyl)	63	8.83E-06	1	1638.824	1.35	Male reproductive organs	3R:+:11324865-11324904,11326370-11326374	exon=> In CDS Exon 1 and 2 of transcript AGAP008494-PA
JHU_Ag_84425	DPNVVSSQQEEDDIAK	AGAP008494-PA	Q8(Deamidated),Q9(Deamidated)	114	4.24E-11	1	1773.819	2.66	Head	3R:+:11326937-11326984	exon=> In CDS Exon 4 of transcript AGAP008494-PA
JHU_Ag_1808	VVVYWLAELR	AGAP008495-PA	-	75	1.97E-07	2	1247.715	-0.16	Head	3R:-:11332016-11331987	exon=> In CDS Exon 2 of transcript AGAP008495-PA
JHU_Ag_6752	WLDCDEAIQIAGYEDFAK	AGAP008495-PA	C4(Carbamidomethyl)	82	6.60E-08	2	2143.960	-1.84	Head	3R:-:11331938-11331885	exon=> In CDS Exon 2 of transcript AGAP008495-PA
JHU_Ag_21063	GHVDPGEDDYATALR	AGAP008495-PA	-	89	1.45E-08	1	1615.735	0.24	Head	3R:-:11332293-11332249	exon=> In CDS Exon 1 of transcript AGAP008495-PA
JHU_Ag_54175	AAGFLIFR	AGAP008495-PA	-	57	1.11E-05	2	894.520	-0.01	Head	3R:-:11332389-11332366	exon=> In CDS Exon 1 of transcript AGAP008495-PA
JHU_Ag_59722	AAGFLIFR	AGAP008495-PA	-	58	9.14E-06	2	894.521	1.69	Visceras	3R:-:11332389-11332366	exon=> In CDS Exon 1 of transcript AGAP008495-PA
JHU_Ag_75666	VVVYWLAELR	AGAP008495-PA	-	73	2.55E-07	1	1247.716	1.11	Ovary	3R:-:11332016-11331987	exon=> In CDS Exon 2 of transcript AGAP008495-PA
JHU_Ag_77582	AAGFLIFR	AGAP008495-PA	-	42	0.000317546	2	894.519	-0.42	Ovary	3R:-:11332389-11332366	exon=> In CDS Exon 1 of transcript AGAP008495-PA
JHU_Ag_87918	GHVDPGEDDYATALR	AGAP008495-PA	-	71	9.53E-07	2	1615.738	2.21	Midgut	3R:-:11332293-11332249	exon=> In CDS Exon 1 of transcript AGAP008495-PA
JHU_Ag_88978	LGLSEVNPIYIEGLKK	AGAP008497-PA	-	42	0.000157157	1	1773.020	2.26	Ovary	3R:+:11335993-11336040	exon=> In CDS Exon 4 of transcript AGAP008497-PA
JHU_Ag_116270	LGLSEVNPIYIEGLKK	AGAP008497-PA	-	48	4.38E-05	1	1773.018	1.23	Male reproductive organs	3R:+:11335993-11336040	exon=> In CDS Exon 4 of transcript AGAP008497-PA
JHU_Ag_1229	VWNAYEGQAVAR	AGAP008498-PA	-	76	4.88E-07	2	1363.676	0.69	Male reproductive organs	3R:-:11338384-11338349	exon=> In CDS Exon 1 of transcript AGAP008498-PA
JHU_Ag_10982	LGMLNLVNQLLK	AGAP008498-PA	M3(Oxidation)	48	7.45E-05	2	1371.805	1.33	Male reproductive organs	3R:-:11337934-11337899	exon=> In CDS Exon 1 of transcript AGAP008498-PA
JHU_Ag_46317	LILIYLTPVK	AGAP008498-PA	-	61	5.08E-08	2	1172.766	0.9	Ovary	3R:-:11337682-11337653	exon=> In CDS Exon 1 of transcript AGAP008498-PA
JHU_Ag_49953	LILIYLTPVK	AGAP008498-PA	-	36	1.13E-05	2	1172.768	1.84	Malpighian tubule	3R:-:11337682-11337653	exon=> In CDS Exon 1 of transcript AGAP008498-PA
JHU_Ag_52659	MKILTYR	AGAP008498-PA	M1(Oxidation)	30	0.005215259	1	940.525	-3.95	Midgut	3R:-:11337481-11337461	exon=> In CDS Exon 1 of transcript AGAP008498-PA
JHU_Ag_64238	LGMLNLVNQLLK	AGAP008498-PA	M3(Oxidation)	53	2.48E-05	2	1371.803	-0.09	Ovary	3R:-:11337934-11337899	exon=> In CDS Exon 1 of transcript AGAP008498-PA

JHU_Ag_117696	RLGMLNLVNQLLK	AGAP008498-PA	M4(Oxidation)	24	0.005312926	1	1527.916	7.72	Ovary	3R:-:11337937-11337899	exon=> In CDS Exon 1 of transcript AGAP008498-PA
JHU_Ag_1319	KGGIPVVDSAPVAKPK	AGAP008499-PA	-	87	2.38E-09	1	1562.930	2.43	Malpighian tubule	3R:+:11339813-11339860	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_5165	EQAVWLQKNAK	AGAP008499-PA	Q7(Deamidated), N9(Deamidated)	35	0.005465123	1	1316.684	-0.14	Ovary	3R:+:11339378-11339410	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_7135	MLAAENVIAVR	AGAP008499-PA	M1(Oxidation)	94	5.21E-09	1	1202.657	0.85	Ovary	3R:+:11339732-11339764	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_25990	NVLLPPSPASVK	AGAP008499-PA	-	41	0.000212406	2	1221.720	-0.06	Ovary	3R:+:11339771-11339806	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_47426	SSLASANPQASPTDISK	AGAP008499-PA	-	89	2.01E-08	2	1673.831	-1.96	Midgut	3R:+:11339258-11339308	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_52516	KGGIPVVDSAPVAKPK	AGAP008499-PA	-	93	7.20E-10	1	1562.925	-1.06	Ovary	3R:+:11339813-11339860	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_57391	SSLASANPQASPTDISK	AGAP008499-PA	-	103	7.08E-10	1	1673.836	1.03	Ovary	3R:+:11339258-11339308	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_59728	YLSQLTDAQK	AGAP008499-PA	-	69	1.49E-06	1	1166.606	0.58	Ovary	3R:+:11339411-11339440	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_76267	SSLASANPQASPTDISK	AGAP008499-PA	-	112	1.06E-10	1	1673.841	4.02	Head	3R:+:11339258-11339308	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_78810	RPMNTYIR	AGAP008499-PA	M3(Oxidation)	39	0.001511855	1	1066.546	-0.19	Ovary	3R:+:11339216-11339239	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_81008	SSLASANPQASPTDISK	AGAP008499-PA	-	46	0.000356681	2	1673.836	1.32	Salivary gland	3R:+:11339258-11339308	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_87726	GGIPVVDSAPVAKPK	AGAP008499-PA	-	67	4.89E-07	1	1434.835	2.05	Malpighian tubule	3R:+:11339816-11339860	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_91496	FCAQNKPAPGLSK	AGAP008499-PA	C2(Carbamidomethyl)	36	0.004698323	1	1417.723	-2.12	Head	3R:+:11339555-11339593	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_97164	SSLASANPQASPTDISK	AGAP008499-PA	-	90	1.50E-08	1	1673.839	3	Malpighian tubule	3R:+:11339258-11339308	exon=> In CDS Exon 2 of transcript AGAP008499-PA
JHU_Ag_477	HVMNLEAVNTYEGTHDIHALILGR	AGAP008501-PA	M3(Oxidation)	156	2.76E-15	1	2719.357	-1.91	Midgut	3R:-:11344191-11344315,11344022-11344052	exon=> In CDS Exon 3 and 2 of transcript AGAP008501-PA
JHU_Ag_9305	GPFGCLNNAR	AGAP008501-PA	C5(Carbamidomethyl)	75	4.34E-07	2	1105.520	-0.99	Head	3R:-:11344616-11344587	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_9951	TYVLSGSK	AGAP008501-PA	-	33	0.003644942	1	854.462	0.24	Midgut	3R:-:11344868-11344845	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_10819	GYGCAGVSNVAYGLLTR	AGAP008501-PA	C4(Carbamidomethyl)	117	3.18E-11	1	1757.868	2.47	Malpighian tubule	3R:-:11345141-11345091	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_26210	HVMNLEAVNTYEGTHDIHALILGR	AGAP008501-PA	M3(Oxidation)	183	5.63E-18	1	2703.371	1.29	Malpighian tubule	3R:-:11344191-11344315,11344022-11344052	exon=> In CDS Exon 3 and 2 of transcript AGAP008501-PA
JHU_Ag_27297	KPLAANQLMQK	AGAP008501-PA	M9(Oxidation)	93	3.26E-09	1	1241.706	2.08	Malpighian tubule	3R:-:11344499-11344467	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_28672	GFIVDRAESGEGLATPR	AGAP008501-PA	-	67	3.12E-06	1	1774.912	2.14	Malpighian tubule	3R:-:11344772-11344722	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_29542	ASATGMILMDEVR	AGAP008501-PA	M6(Oxidation), M9(Oxidation)	90	1.30E-08	1	1425.672	0.42	Malpighian tubule	3R:-:11344697-11344659	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_30758	GYGCAGVSNVAYGLLTR	AGAP008501-PA	C4(Carbamidomethyl)	122	9.44E-12	1	1757.871	3.93	Salivary gland	3R:-:11345141-11345091	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_31748	KPLAANQLMQK	AGAP008501-PA	M9(Oxidation)	36	0.003266902	2	1257.696	-2.06	Midgut	3R:-:11344499-11344467	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_31749	EIMQELGSFGVLGCTIK	AGAP008501-PA	C14(Carbamidomethyl)," M3(Oxidation), C14(Carbamidomethyl)"	137	3.20E-13	1	1897.945	2.75	Malpighian tubule	3R:-:11345192-11345142	exon=> In CDS Exon 1 of transcript AGAP008501-PA

JHU_Ag_40203	GPFGCLNNAR	AGAP008501-PA	C5(Carbamidomethyl)	70	1.40E-06	2	1105.522	1	Visceras	3R:-:11344616-11344587	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_45557	VIEANRHEVFHK	AGAP008501-PA	-	64	3.72E-06	1	1478.790	2.37	Malpighian tubule	3R:-:11345228-11345193	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_45597	ASATGMILMDEVRIPEDNLLPNVSGMR	AGAP008501-PA	M6(Oxidation), M9(Oxidation), M26(Oxidation)	52	9.28E-05	1	2977.451	2.61	Midgut	3R:-:11344697-11344617	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_50348	YGIAWGALGAAESCLK	AGAP008501-PA	C14(Carbamidomethyl)	67	3.39E-06	2	1666.827	0.82	Midgut	3R:-:11344586-11344539	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_52320	IPEDNLLPNVSGMR	AGAP008501-PA	M13(Oxidation)	82	6.73E-08	1	1554.801	4.28	Malpighian tubule	3R:-:11344658-11344617	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_55758	GPFGCLNNAR	AGAP008501-PA	C5(Carbamidomethyl), N8(Deamidated),C5(Carbamidomethyl),"C5(Carbamidomethyl), N7(Deamidated)"	77	2.75E-07	2	1105.523	1.55	Malpighian tubule	3R:-:11344616-11344587	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_56366	GELIGCFGLTEPNHGSDPSSMETR	AGAP008501-PA	C6(Carbamidomethyl), M21(Oxidation)	88	1.32E-08	1	2607.155	3.88	Salivary gland	3R:-:11344964-11344893	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_59610	LHTPEMISMLK	AGAP008501-PA	M9(Oxidation)	39	0.001783741	1	1315.671	-2.84	Midgut	3R:-:11344388-11345408,11344155-11344285	exon=> In CDS Exon 2 and 1 of transcript AGAP008501-PA
JHU_Ag_60319	GYGCAGVSNVAYGLLTR	AGAP008501-PA	C4(Carbamidomethyl)	88	2.31E-08	2	1757.867	1.7	Visceras	3R:-:11345141-11345091	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_61009	EIMQELGSFGVLGCTIK	AGAP008501-PA	M3(Oxidation), C14(Carbamidomethyl)	74	7.11E-07	2	1897.942	1.08	Salivary gland	3R:-:11345192-11345142	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_61312	LARGELIGCFGLTEPNHGSDPSSMETR	AGAP008501-PA	C9(Carbamidomethyl), M24(Oxidation)	66	3.40E-06	1	2947.371	1.29	Malpighian tubule	3R:-:11344973-11344893	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_64178	DMLGGNGIADEYHIIR	AGAP008501-PA	M2(Oxidation),N6(Deamidated),"M2(Oxidation), N6(Deamidated)"	131	1.14E-12	1	1789.856	1.27	Malpighian tubule	3R:-:11344239-11344192	exon=> In CDS Exon 2 of transcript AGAP008501-PA
JHU_Ag_68926	GYGCAGVSNVAYGLLTR	AGAP008501-PA	C4(Carbamidomethyl)	110	1.32E-10	1	1757.865	0.66	Midgut	3R:-:11345141-11345091	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_69709	IEGKFSLR	AGAP008501-PA	-	45	0.000265699	2	949.547	0.16	Malpighian tubule	3R:-:11344721-11344698	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_70652	DMLGGNGIADEYHIIR	AGAP008501-PA	M2(Oxidation)	90	1.63E-08	1	1789.851	-1.45	Midgut	3R:-:11344239-11344192	exon=> In CDS Exon 2 of transcript AGAP008501-PA
JHU_Ag_74702	ASATGMILMDEVRIPEDNLLPNVSGMR	AGAP008501-PA	M6(Oxidation), M9(Oxidation), M26(Oxidation)	69	1.94E-06	1	2977.455	4.21	Malpighian tubule	3R:-:11344697-11344617	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_75731	IPEDNLLPNVSGMR	AGAP008501-PA	M13(Oxidation)	65	4.14E-06	2	1570.793	2.11	Salivary gland	3R:-:11344658-11344617	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_83485	AYCEDKLLSR	AGAP008501-PA	C3(Carbamidomethyl)	73	6.81E-07	2	1254.619	3.25	Malpighian tubule	3R:-:11345258-11345229	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_83656	YGIAWGALGAAESCLK	AGAP008501-PA	C14(Carbamidomethyl)	52	9.91E-05	1	1666.826	0.16	Malpighian tubule	3R:-:11344586-11344539	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_84070	YGIAWGALGAAESCLK	AGAP008501-PA	C14(Carbamidomethyl)	75	5.15E-07	1	1666.833	4.55	Salivary gland	3R:-:11344586-11344539	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_89401	GPFGCLNNAR	AGAP008501-PA	C5(Carbamidomethyl)	55	4.27E-05	1	1105.522	0.89	Ovary	3R:-:11344616-11344587	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_90304	IPEDNLLPNVSGMR	AGAP008501-PA	M13(Oxidation)	80	1.43E-07	1	1570.789	-0.53	Midgut	3R:-:11344658-11344617	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_91830	GELIGCFGLTEPNHGSDPSSMETR	AGAP008501-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl), M21(Oxidation)"	111	6.66E-11	1	2607.148	1.07	Malpighian tubule	3R:-:11344964-11344893	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_95104	TYVLSGSK	AGAP008501-PA	-	37	0.001461136	1	854.464	2.38	Malpighian tubule	3R:-:11344868-11344845	exon=> In CDS Exon 1 of transcript AGAP008501-PA

JHU_Ag_96592	ASATGMILMDEVR	AGAP008501-PA	M6(Oxidation), M9(Oxidation)	64	6.13E-06	2	1425.690	13.35	Salivary gland	3R:-:11344697-11344659	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_97652	GELIGCFGLTEPNHGSDPSSMETR	AGAP008501-PA	C6(Carbamidomethyl), M21(Oxidation)	105	2.56E-10	1	2607.154	3.46	Ovary	3R:-:11344964-11344893	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_102372	TWITNSPIADICIVWGK	AGAP008501-PA	C12(Carbamidomethyl)	75	4.83E-07	2	1974.019	2.04	Midgut	3R:-:11344844-11344794	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_102989	AITGLQAFA	AGAP008501-PA	-	40	0.001077138	1	891.499	6.48	Malpighian tubule	3R:-:11344051-11344025	exon=> In CDS Exon 3 of transcript AGAP008501-PA
JHU_Ag_108117	EIMQELGSFGVLGCTIK	AGAP008501-PA	C14(Carbamidomethyl),"M3(Oxidation), C14(Carbamidomethyl)"	121	1.32E-11	1	1881.947	0.91	Midgut	3R:-:11345192-11345142	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_108915	AESGEGLATPR	AGAP008501-PA	-	75	3.69E-07	2	1087.540	2.02	Malpighian tubule	3R:-:11344754-11344722	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_115493	HVMNLEAVNTYEGTHDIHALILGR	AGAP008501-PA	M3(Oxidation)	57	2.03E-05	1	2719.370	2.98	Head	3R:-:11344191-11344315,11344022-11344052	exon=> In CDS Exon 3 and 2 of transcript AGAP008501-PA
JHU_Ag_116107	TKTYVLSGSK	AGAP008501-PA	-	41	0.000634363	1	1083.605	0.28	Malpighian tubule	3R:-:11344874-11344845	exon=> In CDS Exon 1 of transcript AGAP008501-PA
JHU_Ag_117233	LHTPEMISMLK	AGAP008501-PA	-	38	0.001878906	1	1299.683	2.62	Malpighian tubule	3R:-:11344388-11345408,11344155-11344285	exon=> In CDS Exon 2 and 1 of transcript AGAP008501-PA
JHU_Ag_638	VNSVNPTVILTR	AGAP008502-PA	-	54	1.91E-05	1	1312.757	-1.42	Head	3R:+:11347189-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_2149	FGEVSEVVEPIVYLLSDR	AGAP008502-PA	-	87	2.54E-08	1	2051.068	-0.96	Ovary	3R:+:11347294-11347347	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_4191	AAIDGLTQNLALELGPR	AGAP008502-PA	-	106	9.66E-11	1	1751.975	5.65	Malpighian tubule	3R:+:11347129-11347179	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_4341	IETVQVDLSDWSATR	AGAP008502-PA	-	94	7.39E-09	2	1719.862	4.41	Head	3R:+:11346769-11346813	exon=> In CDS Exon 2 of transcript AGAP008502-PA
JHU_Ag_10323	VNSVNPTVILTR	AGAP008502-PA	-	74	1.50E-07	1	1312.762	2.39	Malpighian tubule	3R:+:11347189-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_19887	MEAGASIVNVSSLAGLK	AGAP008502-PA	M1(Oxidation)	84	5.68E-08	2	1662.874	0.6	Male reproductive organs	3R:+:11347042-11347092	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_25909	VNSVNPTVILTR	AGAP008502-PA	-	54	1.68E-05	1	1312.759	0.72	Salivary gland	3R:+:11347189-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_29583	TALAPLGK	AGAP008502-PA	-	47	7.66E-05	1	770.478	0.71	Visceras	3R:+:11346814-11346837	exon=> In CDS Exon 2 of transcript AGAP008502-PA
JHU_Ag_29588	TIVVTGAGQGIGNELCR	AGAP008502-PA	C16(Carbamidomethyl)	141	9.62E-14	1	1744.902	0.23	Midgut	3R:+:11346562-11346589,11346662-11346684	exon=> In CDS Exon 1 and 2 of transcript AGAP008502-PA
JHU_Ag_38989	TIVVTGAGQGIGNELCR	AGAP008502-PA	C16(Carbamidomethyl)	51	0.000106467	2	1744.902	0.65	Head	3R:+:11346562-11346589,11346662-11346684	exon=> In CDS Exon 1 and 2 of transcript AGAP008502-PA
JHU_Ag_41488	AAFNVAQILVPK	AGAP008502-PA	-	38	0.000420576	2	1270.756	3.1	Head	3R:+:11347006-11347041	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_46406	DKTIVVTGAGQGIGNELCR	AGAP008502-PA	C18(Carbamidomethyl)	41	0.001326916	3	1988.019	-1.82	Midgut	3R:+:11346556-11346589,11346662-11346684	exon=> In CDS Exon 1 and 2 of transcript AGAP008502-PA
JHU_Ag_47604	AAIDGLTQNLALELGPR	AGAP008502-PA	-	47	9.75E-05	2	1751.963	-0.97	Salivary gland	3R:+:11347129-11347179	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_50832	IETVQVDLSDWSATR	AGAP008502-PA	Q5(Deamidated)	112	1.08E-10	1	1719.861	3.35	Malpighian tubule	3R:+:11346769-11346813	exon=> In CDS Exon 2 of transcript AGAP008502-PA
JHU_Ag_51661	TIVVTGAGQGIGNELCR	AGAP008502-PA	C16(Carbamidomethyl)	78	1.92E-07	2	1744.905	1.98	Malpighian tubule	3R:+:11346562-11346589,11346662-11346684	exon=> In CDS Exon 1 and 2 of transcript AGAP008502-PA

JHU_Ag_55059	IETVQVDLSDWSATR	AGAP008502-PA	-	118	3.19E-11	2	1719.857	1.5	Visceras	3R:+:11346769-11346813	exon=> In CDS Exon 2 of transcript AGAP008502-PA
JHU_Ag_59898	VNSVNPTVILTR	AGAP008502-PA	-	77	7.76E-08	1	1312.758	-0.03	Midgut	3R:+:11347189-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_61095	VNSVNPTVILTR	AGAP008502-PA	-	56	9.27E-06	1	1312.758	-0.12	Male reproductive organs	3R:+:11347189-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_64708	IRVNSVNPTVILTR	AGAP008502-PA	-	84	8.85E-09	1	1581.949	3.45	Malpighian tubule	3R:+:11347183-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_65164	AAFNVAQILVPK	AGAP008502-PA	-	45	9.81E-05	2	1270.757	3.77	Malpighian tubule	3R:+:11347006-11347041	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_67554	MEAGASIVNVSSLAGLK	AGAP008502-PA	M1(Oxidation)	132	8.27E-13	2	1662.872	-0.8	Midgut	3R:+:11347042-11347092	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_73155	AAFNVAQILVPK	AGAP008502-PA	-	37	0.000894919	2	1270.752	0.5	Visceras	3R:+:11347006-11347041	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_76476	AAIDGLTQNLALELGPR	AGAP008502-PA	-	136	1.20E-13	2	1751.962	-2.01	Midgut	3R:+:11347129-11347179	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_78927	VNSVNPTVILTR	AGAP008502-PA	-	47	7.38E-05	2	1312.761	1.74	Pupa	3R:+:11347189-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_82337	AAFNVAQILVPK	AGAP008502-PA	-	58	6.34E-06	2	1270.752	-0.27	Midgut	3R:+:11347006-11347041	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_82431	AAIDGLTQNLALELGPR	AGAP008502-PA	-	125	1.35E-12	1	1751.968	1.4	Head	3R:+:11347129-11347179	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_89557	AAFNVAQILVPK	AGAP008502-PA	-	43	0.000228446	2	1270.752	0.41	Male reproductive organs	3R:+:11347006-11347041	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_93644	VNSVNPTVILTR	AGAP008502-PA	-	71	2.92E-07	1	1312.759	0.63	Visceras	3R:+:11347189-11347224	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_99165	AAFNVAQILVPKMEAGASIVNVSSLAGLK	AGAP008502-PA	M13(Oxidation)	72	1.11E-07	1	2914.620	4.36	Malpighian tubule	3R:+:11347006-11347092	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_103949	FGEVSEVVEPIVYLLSDR	AGAP008502-PA	-	85	3.97E-08	1	2051.069	-0.36	Midgut	3R:+:11347294-11347347	exon=> In CDS Exon 3 of transcript AGAP008502-PA
JHU_Ag_111644	TIVVTGAGQGIGNELCR	AGAP008502-PA	C16(Carbamidomethyl)	100	1.23E-09	2	1744.901	-0.12	Male reproductive organs	3R:+:11346562-11346589,11346662-11346684	exon=> In CDS Exon 1 and 2 of transcript AGAP008502-PA
JHU_Ag_114253	IETVQVDLSDWSATR	AGAP008502-PA	-	124	7.09E-12	2	1719.857	1.29	Midgut	3R:+:11346769-11346813	exon=> In CDS Exon 2 of transcript AGAP008502-PA
JHU_Ag_116215	TIVVTGAGQGIGNELCR	AGAP008502-PA	C16(Carbamidomethyl)	69	1.67E-06	2	1744.906	2.61	Visceras	3R:+:11346562-11346589,11346662-11346684	exon=> In CDS Exon 1 and 2 of transcript AGAP008502-PA
JHU_Ag_22902	EIINMSDAAGYLDR	AGAP008503-PA	N4(Deamidated)	87	2.88E-08	2	1567.745	1.76	Head	3R:-:11350082-11350041	exon=> In CDS Exon 1 of transcript AGAP008503-PA
JHU_Ag_35324	VTDKVEEAVTGQGPSWADK	AGAP008503-PA	-	98	2.89E-09	1	2016.988	0.47	Midgut	3R:-:11349758-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_36626	VEEAVTGQGPSWADK	AGAP008503-PA	-	91	1.14E-08	1	1573.755	3.69	Malpighian tubule	3R:-:11349746-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_41296	VTDKVEEAVTGQGPSWADK	AGAP008503-PA	-	143	7.50E-14	1	2016.991	1.74	Malpighian tubule	3R:-:11349758-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_42271	VTDKVEEAVTGQGPSWADK	AGAP008503-PA	-	130	1.67E-12	1	2016.986	-0.62	Male reproductive organs	3R:-:11349758-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_42470	VTDKVEEAVTGQGPSWADK	AGAP008503-PA	-	106	4.39E-10	1	2016.992	2.1	Visceras	3R:-:11349758-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_71599	VTDKVEEAVTGQGPSWADK	AGAP008503-PA	-	158	2.28E-15	1	2016.983	-2.31	Head	3R:-:11349758-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_90866	VEEAVTGQGPSWADK	AGAP008503-PA	-	124	6.10E-12	1	1573.753	2.06	Head	3R:-:11349746-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_101261	EIINMSDAAGYLDR	AGAP008503-PA	-	103	8.34E-10	2	1567.747	2.85	Malpighian tubule	3R:-:11350082-11350041	exon=> In CDS Exon 1 of transcript AGAP008503-PA

JHU_Ag_109204	VEEAVTGQGPSWADK	AGAP008503-PA	-	57	2.88E-05	2	1573.754	2.92	Midgut	3R:-:11349746-11349702	exon=> In CDS Exon 2 of transcript AGAP008503-PA
JHU_Ag_5189	GSSQYATDGQSTVSANR	AGAP008512-PA	-	76	3.35E-07	2	1728.781	1.25	Pupa	3R:-:11477282-11477232	exon=> In CDS Exon 16 of transcript AGAP008512-PA
JHU_Ag_15675	VCNLWHK	AGAP008512-PA	C2(Carbamidomethyl)	34	0.002724726	2	956.476	-0.72	Pupa	3R:-:11475819-11475799	exon=> In CDS Exon 20 of transcript AGAP008512-PA
JHU_Ag_20225	NLPPPPPPPANPNPVITTR	AGAP008512-PA	-	62	3.38E-06	1	1989.090	-1.11	Head	3R:-:11503602-11503546	exon=> In CDS Exon 1 of transcript AGAP008512-PA
JHU_Ag_24500	YPPTRPEPLYPQPTPDK	AGAP008512-PA	-	35	0.004445553	1	1996.016	-0.57	Pupa	3R:-:11477073-11477023	exon=> In CDS Exon 17 of transcript AGAP008512-PA
JHU_Ag_58021	EILSAYGGVK	AGAP008512-PA	-	40	0.001140555	2	1036.568	0.52	Pupa	3R:-:11476572-11476543	exon=> In CDS Exon 18 of transcript AGAP008512-PA
JHU_Ag_66257	AQEFVDIYR	AGAP008512-PA	-	41	0.00094385	2	1140.568	-0.24	Pupa	3R:-:11477100-11477074	exon=> In CDS Exon 17 of transcript AGAP008512-PA
JHU_Ag_81939	TCQPCPDIYPWTGK	AGAP008512-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	56	2.05E-05	2	1722.764	1.71	Pupa	3R:-:11475777-11475736	exon=> In CDS Exon 20 of transcript AGAP008512-PA
JHU_Ag_94260	QLYQDLFER	AGAP008512-PA	-	38	0.002148278	1	1211.607	1.18	Pupa	3R:-:11476878-11476852	exon=> In CDS Exon 17 of transcript AGAP008512-PA
JHU_Ag_105493	APFLSIGGNK	AGAP008512-PA	-	66	4.25E-06	1	1003.557	-0.41	Pupa	3R:-:11476518-11476489	exon=> In CDS Exon 18 of transcript AGAP008512-PA
JHU_Ag_11933	LGLLIK	AGAP008515-PA	-	21	0.007874854	1	656.472	1.8	Midgut	3R:+:11691578-11691595	exon=> In CDS Exon 2 of transcript AGAP008515-PA
JHU_Ag_1248	GTHAHAYITSFTGIDELK	AGAP008516-PA	-	61	1.20E-05	1	1960.975	-0.54	Malpighian tubule	3R:-:11704130-11704077	exon=> In CDS Exon 5 of transcript AGAP008516-PA
JHU_Ag_3359	IDDHAVFDLFFR	AGAP008516-PA	-	86	3.89E-08	1	1494.745	4.86	Malpighian tubule	3R:-:11712519-11712484	exon=> In CDS Exon 1 of transcript AGAP008516-PA
JHU_Ag_3417	DLLELAMEHR	AGAP008516-PA	-	55	3.52E-05	2	1226.623	2.84	Malpighian tubule	3R:-:11703955-11703926	exon=> In CDS Exon 6 of transcript AGAP008516-PA
JHU_Ag_3884	IDDHAVFDLFFR	AGAP008516-PA	-	39	0.001965549	2	1494.747	6.24	Midgut	3R:-:11712519-11712484	exon=> In CDS Exon 1 of transcript AGAP008516-PA
JHU_Ag_4951	IDDHAVFDLFFR	AGAP008516-PA	-	38	0.002414593	1	1494.749	7.47	Head	3R:-:11712519-11712484	exon=> In CDS Exon 1 of transcript AGAP008516-PA
JHU_Ag_12075	YSYIGGFDGTSNVLAGK	AGAP008516-PA	-	37	0.003970787	1	1748.859	5.51	Malpighian tubule	3R:-:11711740-11711855,11704049-11704152	exon=> In CDS Exon 5 and 4 of transcript AGAP008516-PA
JHU_Ag_12631	SGLLNFCAVALGLNDQGYR	AGAP008516-PA	C7(Carbamidomethyl)	103	7.69E-10	2	2068.035	3.3	Ovary	3R:-:11699668-11699612	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_13415	HALPQGIEDEFFEYLSQLTAK	AGAP008516-PA	-	45	0.000485153	1	2436.209	0.41	Malpighian tubule	3R:-:11712258-11712196	exon=> In CDS Exon 2 of transcript AGAP008516-PA
JHU_Ag_22123	LYGADGHALIDLLQRVDENPPEVGQK	AGAP008516-PA	-	78	1.75E-07	1	2847.474	3.64	Ovary	3R:-:11699202-11699125	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_23054	AYVIPTQVEPLYR	AGAP008516-PA	-	54	2.69E-05	2	1548.851	5.98	Malpighian tubule	3R:-:11699088-11699050	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_26126	IDSGDLAYLSCLAR	AGAP008516-PA	C11(Carbamidomethyl)	80	1.75E-07	2	1553.762	-0.56	Midgut	3R:-:11699596-11699555	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_26353	LYGADGHALIDLLQR	AGAP008516-PA	-	102	4.67E-10	1	1654.894	1.52	Malpighian tubule	3R:-:11699202-11699158	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_55219	LYGADGHALIDLLQR	AGAP008516-PA	-	67	1.16E-06	2	1654.901	6.02	Head	3R:-:11699202-11699158	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_65523	SGLLNFCAVALGLNDQGYR	AGAP008516-PA	C7(Carbamidomethyl)	98	2.32E-09	2	2068.035	3.3	Malpighian tubule	3R:-:11699668-11699612	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_65932	HALPQGIEDEFFEYLSQLTAK	AGAP008516-PA	-	53	7.17E-05	3	2436.219	4.54	Midgut	3R:-:11712258-11712196	exon=> In CDS Exon 2 of transcript AGAP008516-PA
JHU_Ag_66783	FKLPWFSK	AGAP008516-PA	-	32	0.003655976	1	1052.598	4.98	Head	3R:-:11699527-11699504	exon=> In CDS Exon 7 of transcript AGAP008516-PA

JHU_Ag_68198	LYGADGHALIDLLQR	AGAP008516-PA	-	32	0.004406 17	1	1654.892	0.37	Visceras	3R:-:11699202-11699158	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_69008	VAQVLPSLEEVR	AGAP008516-PA	-	62	2.27E-06	2	1339.760	1.49	Head	3R:-:11699028-11698993	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_72679	SGKIDDHAVFDLFFR	AGAP008516-PA	-	35	0.005142 401	1	1766.887	0.49	Malpighian tubule	3R:-:11712528-11712484	exon=> In CDS Exon 1 of transcript AGAP008516-PA
JHU_Ag_73017	IDSGDLAYLSCLAR	AGAP008516-PA	C11(Carbamidomethyl)	72	9.23E-07	2	1553.770	4.78	Ovary	3R:-:11699596-11699555	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_76546	IDSGDLAYLSCLAR	AGAP008516-PA	C11(Carbamidomethyl)	116	3.88E-11	1	1553.768	3.29	Malpighian tubule	3R:-:11699596-11699555	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_77257	IDDHAVFDLFFR	AGAP008516-PA	-	62	1.15E-05	1	1494.746	5.75	Ovary	3R:-:11712519-11712484	exon=> In CDS Exon 1 of transcript AGAP008516-PA
JHU_Ag_80689	AYVIPTQVEPLYR	AGAP008516-PA	-	38	0.001325 62	2	1548.847	3.14	Head	3R:-:11699088-11699050	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_82905	FKLPWFSK	AGAP008516-PA	-	41	0.000462 932	1	1052.595	2.46	Ovary	3R:-:11699527-11699504	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_85261	DLLELAMEHR	AGAP008516-PA	M7(Oxidation)	39	0.001373 363	1	1242.619	3.07	Midgut	3R:-:11703955-11703926	exon=> In CDS Exon 6 of transcript AGAP008516-PA
JHU_Ag_93536	LYGADGHALIDLLQRVDENPPEVGQK	AGAP008516-PA	-	102	6.41E-10	1	2847.480	5.63	Malpighian tubule	3R:-:11699202-11699125	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_94306	IDCFGIGTHLVTCQR	AGAP008516-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	105	5.07E-10	1	1776.860	4.56	Malpighian tubule	3R:-:11699434-11699669,11698921-11699317	exon=> In CDS Exon 8 and 7 of transcript AGAP008516-PA
JHU_Ag_98004	LYGADGHALIDLLQR	AGAP008516-PA	-	48	0.000120 974	1	1654.895	2.36	Ovary	3R:-:11699202-11699158	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_100678	VAQVLPSLEEVRER	AGAP008516-PA	-	48	9.90E-05	1	1624.904	1.64	Ovary	3R:-:11699028-11698987	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_104399	YSYIGGFDGTSNVLAGK	AGAP008516-PA	-	105	5.91E-10	1	1748.853	2.02	Ovary	3R:-:11711740-11711855,11704049-11704152	exon=> In CDS Exon 5 and 4 of transcript AGAP008516-PA
JHU_Ag_107038	HIHLLEFGLR	AGAP008516-PA	-	51	4.77E-05	1	1234.706	0.19	Malpighian tubule	3R:-:11711809-11711780	exon=> In CDS Exon 4 of transcript AGAP008516-PA
JHU_Ag_108623	AYVIPTQVEPLYR	AGAP008516-PA	-	44	0.000363 767	1	1548.845	1.65	Ovary	3R:-:11699088-11699050	exon=> In CDS Exon 8 of transcript AGAP008516-PA
JHU_Ag_111283	HIHLLEFGLR	AGAP008516-PA	-	31	0.004310 922	2	1234.712	4.99	Ovary	3R:-:11711809-11711780	exon=> In CDS Exon 4 of transcript AGAP008516-PA
JHU_Ag_111697	IDSGDLAYLSCLAR	AGAP008516-PA	C11(Carbamidomethyl)	86	4.50E-08	2	1553.763	0.3	Head	3R:-:11699596-11699555	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_116426	FKLPWFSK	AGAP008516-PA	-	40	0.000544 702	1	1052.594	1.16	Malpighian tubule	3R:-:11699527-11699504	exon=> In CDS Exon 7 of transcript AGAP008516-PA
JHU_Ag_2990	RLVQPVFVAR	AGAP008518-PA	-	45	6.92E-05	1	1184.729	2.63	Malpighian tubule	3R:+:11743709-11743738	exon=> In CDS Exon 1 of transcript AGAP008518-PA
JHU_Ag_6337	HAEDLFGELAR	AGAP008518-PA	-	43	0.000696 055	2	1257.619	-2.47	Midgut	3R:+:11743835-11743867	exon=> In CDS Exon 1 of transcript AGAP008518-PA
JHU_Ag_41349	RLVQPVFVAR	AGAP008518-PA	-	39	0.000433 821	2	1184.724	-1.7	Head	3R:+:11743709-11743738	exon=> In CDS Exon 1 of transcript AGAP008518-PA
JHU_Ag_52800	HAEDLFGELAR	AGAP008518-PA	-	82	6.86E-08	1	1257.619	-2.27	Head	3R:+:11743835-11743867	exon=> In CDS Exon 1 of transcript AGAP008518-PA
JHU_Ag_58069	HAEDLFGELAR	AGAP008518-PA	-	49	0.000146 279	1	1257.626	3.16	Malpighian tubule	3R:+:11743835-11743867	exon=> In CDS Exon 1 of transcript AGAP008518-PA
JHU_Ag_110941	GLHDVASILAR	AGAP008518-PA	-	75	2.16E-07	1	1151.655	1.21	Head	3R:+:11747987-11748019	exon=> In CDS Exon 7 of transcript AGAP008518-PA
JHU_Ag_6799	LLAECDAQQLLLR	AGAP008525-PA	C5(Carbamidomethyl)	97	1.96E-09	1	1542.835	2.57	Male reproductive organs	3R:-:11826010-11825972	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_8633	LLATTPSQIALIEAQIQQQR	AGAP008525-PA	-	108	4.12E-11	1	2222.254	1.7	Male reproductive organs	3R:-:11825821-11825762	exon=> In CDS Exon 2 of transcript AGAP008525-PA

JHU_Ag_17723	SLDEAQVNEEELASLR	AGAP008525-PA	-	97	3.29E-09	2	1802.877	0.27	Male reproductive organs	3R:-:11826433-11826386	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_30097	LEHLIEQIER	AGAP008525-PA	-	40	0.000845	2	1279.703	1.87	Male reproductive organs	3R:-:11826148-11826119	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_30675	ALLQDGLHEIVR	AGAP008525-PA	-	44	0.000209969	1	1363.768	-0.78	Male reproductive organs	3R:-:11826184-11826149	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_48268	VTQLIEQR	AGAP008525-PA	-	63	6.71E-06	2	986.565	1.93	Male reproductive organs	3R:-:11826241-11826218	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_86044	SLANDVEAFR	AGAP008525-PA	-	74	7.25E-07	1	1121.560	1.22	Male reproductive organs	3R:-:11825905-11825876	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_99452	LFTSADSLTVQR	AGAP008525-PA	-	77	2.19E-07	2	1337.704	-1.3	Male reproductive organs	3R:-:11826379-11826344	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_105467	FQQEAQQLEQR	AGAP008525-PA	-	88	3.33E-08	1	1404.685	-1.03	Male reproductive organs	3R:-:11826094-11826062	exon=> In CDS Exon 2 of transcript AGAP008525-PA
JHU_Ag_51279	EYASTEGCFSK	AGAP008527-PA	C8(Carbamidomethyl)	36	0.001113261	2	1278.531	0.54	Head	3R:+:11869506-11869538	exon=> In CDS Exon 4 of transcript AGAP008527-PA
JHU_Ag_109219	HEELSGILEK	AGAP008527-PA	-	83	5.08E-08	1	1154.603	-1.97	Head	3R:+:11869287-11869316	exon=> In CDS Exon 4 of transcript AGAP008527-PA
JHU_Ag_2336	NEAIEQNYGGHDNELNMR	AGAP008530-PA	M17(Oxidation)	55	1.71E-05	1	2119.912	1.17	Head	3R:+:11898327-11898380	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_3220	TVQDETFASLKER	AGAP008530-PA	-	48	0.000273855	2	1523.773	1.59	Ovary	3R:+:11899911-11899949	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_9941	FQYDPISDNSVK	AGAP008530-PA	-	66	3.38E-06	2	1412.676	4.63	Malpighian tubule	3R:+:11898084-11898119	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_13078	SEATFSYVITK	AGAP008530-PA	-	50	0.000197272	2	1245.636	0.18	Midgut	3R:+:11897055-11897087	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_14579	INVNPYEIQFFK	AGAP008530-PA	-	78	1.62E-07	1	1511.802	8.16	Malpighian tubule	3R:+:11899332-11899367	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_15593	TVQDETFASLKER	AGAP008530-PA	-	83	8.25E-08	2	1523.779	5.76	Malpighian tubule	3R:+:11899911-11899949	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_16638	LSPGPADDTPLDQLHDYTENPFVQK	AGAP008530-PA	-	53	7.78E-05	1	2797.338	2.12	Visceras	3R:+:11899692-11899766	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_19423	NEAIEQNYGGHDNELNMR	AGAP008530-PA	-	46	0.000154611	1	2103.924	4.1	Malpighian tubule	3R:+:11898327-11898380	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_21050	LSPGPADDTPLDQLHDYTENPFVQK	AGAP008530-PA	-	92	9.67E-09	1	2797.338	2.31	Head	3R:+:11899692-11899766	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_21170	ESVVHQVLEEVKESDIPEELLER	AGAP008530-PA	-	55	2.71E-05	1	2706.393	3.53	Visceras	3R:+:11898417-11898485	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_22093	IEEVAEDEVALGEHEMLVPVLHFTK	AGAP008530-PA	M16(Oxidation)	128	1.86E-12	1	2850.430	2.5	Head	3R:+:11899797-11899871	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_23528	DYIATEILDDDNKYDAGEHGLQK	AGAP008530-PA	-	106	3.60E-10	1	2623.227	4.21	Ovary	3R:+:11897955-11898023	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_23537	DISSVFGIPFFIR	AGAP008530-PA	-	79	1.08E-07	1	1497.820	6.69	Malpighian tubule	3R:+:11899872-11899910	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_24751	LSPGPADDTPLDQLHDYTENPFVQK	AGAP008530-PA	-	86	3.80E-08	1	2797.336	1.4	Ovary	3R:+:11899692-11899766	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_25099	DYIATEILDDDNK	AGAP008530-PA	-	106	3.48E-10	2	1524.707	0.24	Head	3R:+:11897955-11897993	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_25390	FQYDPISDNSVK	AGAP008530-PA	-	46	0.000393382	2	1412.671	1.52	Ovary	3R:+:11898084-11898119	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_25751	INVNPYEIQFFK	AGAP008530-PA	-	49	0.000148561	1	1511.791	1.14	Head	3R:+:11899332-11899367	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_27034	DYIATEILDDDNKYDAGEHGLQK	AGAP008530-PA	-	60	1.25E-05	1	2623.209	-2.64	Midgut	3R:+:11897955-11898023	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_29691	TTDLASVVQQVGR	AGAP008530-PA	-	80	1.55E-07	2	1373.741	1.65	Ovary	3R:+:11898651-11898689	exon=> In CDS Exon 1 of transcript AGAP008530-PA

JHU_Ag_32756	LSPGPADDTPLDQLHDYTENPFVQK	AGAP008530-PA	-	97	3.10E-09	1	2797.344	4.34	Malpighian tubule	3R:+:11899692-11899766	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_35006	TTDLASVVQQVGR	AGAP008530-PA	-	47	0.000287963	2	1373.740	1.03	Male reproductive organs	3R:+:11898651-11898689	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_36251	TVQDETFASLK	AGAP008530-PA	-	48	0.000236526	2	1238.631	4.06	Midgut	3R:+:11899911-11899943	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_38656	FEYIDPASTETCAK	AGAP008530-PA	C12(Carbamidomethyl)	52	5.60E-05	2	1631.728	1.53	Ovary	3R:+:11898756-11898797	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_39632	LSININELENKK	AGAP008530-PA	-	50	8.24E-05	1	1414.791	0.44	Male reproductive organs	3R:+:11899485-11899520	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_43994	FQYDPISDNSVK	AGAP008530-PA	-	36	0.003332843	2	1412.671	1.52	Head	3R:+:11898084-11898119	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_44286	TFLGLEHINK	AGAP008530-PA	-	42	0.000823604	2	1171.644	-2.3	Male reproductive organs	3R:+:11900097-11900126	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_45564	FNDRFEFDEK	AGAP008530-PA	-	34	0.002889812	1	1346.601	-0.38	Malpighian tubule	3R:+:11898120-11898149	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_46515	NYSDLPGQPLSHSYAGSLR	AGAP008530-PA	-	87	3.34E-08	1	2062.006	3.63	Malpighian tubule	3R:+:11899374-11899430	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_48618	DISSVFGIPFFIR	AGAP008530-PA	-	39	0.001265443	1	1497.817	4.32	Head	3R:+:11899872-11899910	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_51349	INVNPYEIQFFK	AGAP008530-PA	-	41	0.00087254	2	1511.793	2.67	Male reproductive organs	3R:+:11899332-11899367	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_53175	VFHDLQTQNKPVGTK	AGAP008530-PA	-	33	0.004991443	1	1711.912	-0.3	Ovary	3R:+:11897646-11897690	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_53991	LSININELENKK	AGAP008530-PA	-	78	1.28E-07	1	1414.792	1.38	Ovary	3R:+:11899485-11899520	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_54001	FQYDPISDNSVK	AGAP008530-PA	-	37	0.003010761	2	1412.672	1.96	Pupa	3R:+:11898084-11898119	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_56902	NYSDLPGQPLSHSYAGSLR	AGAP008530-PA	-	40	0.002019633	1	2062.003	2.1	Head	3R:+:11899374-11899430	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_57138	INVNPYEIQFFK	AGAP008530-PA	-	77	2.75E-07	1	1511.793	2.19	Ovary	3R:+:11899332-11899367	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_57168	SDLFDATTAAYR	AGAP008530-PA	-	76	2.49E-07	2	1330.626	-1.05	Midgut	3R:+:11898597-11898632	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_64726	INVNPYEIQFFK	AGAP008530-PA	-	61	9.89E-06	1	1511.792	1.78	Visceras	3R:+:11899332-11899367	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_66848	AIKIYN	AGAP008530-PA	-	39	0.001018813	2	721.426	2.6	Malpighian tubule	3R:+:11900163-11900180	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_68506	SEATFSYVITK	AGAP008530-PA	-	43	0.000877219	2	1245.637	0.76	Male reproductive organs	3R:+:11897055-11897087	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_69997	VFHDLQTQNKPVGTK	AGAP008530-PA	-	108	1.43E-10	1	1711.914	0.92	Head	3R:+:11897646-11897690	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_74890	HSCTIFLELPLPGR	AGAP008530-PA	C3(Carbamidomethyl)	77	1.82E-07	1	1639.871	5.17	Head	3R:+:11898819-11898860	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_78282	SEATFSYVITK	AGAP008530-PA	-	47	0.000388418	1	1245.639	2.23	Malpighian tubule	3R:+:11897055-11897087	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_78642	AYFEPDTELQLYEVVDINK	AGAP008530-PA	-	74	6.37E-07	1	2286.135	7.38	Malpighian tubule	3R:+:11899014-11899070	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_80107	HSCTIFLELPLPGR	AGAP008530-PA	C3(Carbamidomethyl)	66	2.34E-06	2	1639.873	6.51	Ovary	3R:+:11898819-11898860	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_80815	FNDRFEFDEK	AGAP008530-PA	-	41	0.000642495	1	1346.601	0.02	Head	3R:+:11898120-11898149	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_81243	TETFYDIQLNIK	AGAP008530-PA	-	52	8.22E-05	2	1484.770	4.56	Malpighian tubule	3R:+:11897889-11897924	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_81421	TFLGLEHINK	AGAP008530-PA	-	53	4.75E-05	1	1171.649	2.07	Head	3R:+:11900097-11900126	exon=> In CDS Exon 1 of transcript AGAP008530-PA

JHU_Ag_88313	DYIATEILDDDNKYDAGEHGLQK	AGAP008530-PA	-	130	1.33E-12	1	2623.224	3.23	Malpighian tubule	3R:+:11897955-11898023	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_90258	VFHDLQTQNKPVGTK	AGAP008530-PA	-	72	5.70E-07	1	1711.924	6.91	Midgut	3R:+:11897646-11897690	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_90439	TTDLASVVQQVGR	AGAP008530-PA	-	84	5.23E-08	2	1373.747	6.09	Malpighian tubule	3R:+:11898651-11898689	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_94149	ITFEDTLLFFK	AGAP008530-PA	-	61	1.09E-05	2	1373.742	5.31	Ovary	3R:+:11898882-11898914	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_95745	INVNPYEIQFFK	AGAP008530-PA	-	65	4.03E-06	2	1511.796	4.61	Salivary gland	3R:+:11899332-11899367	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_96458	SDLFDATTAAYR	AGAP008530-PA	-	83	4.74E-08	2	1330.628	0.6	Ovary	3R:+:11898597-11898632	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_98227	SEATFSYVITK	AGAP008530-PA	-	60	1.82E-05	2	1245.642	4.78	Ovary	3R:+:11897055-11897087	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_98636	NYSDLPGQPLSHSYAGSLR	AGAP008530-PA	-	108	2.86E-10	1	2062.003	1.86	Ovary	3R:+:11899374-11899430	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_98658	VFHDLQTQNKPVGTK	AGAP008530-PA	-	87	1.71E-08	1	1711.917	2.7	Malpighian tubule	3R:+:11897646-11897690	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_102092	TVQDETFASLK	AGAP008530-PA	-	50	0.000153574	2	1238.628	1.6	Head	3R:+:11899911-11899943	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_102783	FNDRFEFDEK	AGAP008530-PA	-	39	0.001031102	1	1346.603	1.56	Ovary	3R:+:11898120-11898149	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_104866	ESVVHQVLEEVK	AGAP008530-PA	-	91	9.40E-09	1	1395.749	1.11	Head	3R:+:11898417-11898452	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_104962	DISSVFGIPFFIR	AGAP008530-PA	-	76	2.38E-07	2	1497.808	-1.46	Midgut	3R:+:11899872-11899910	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_108625	ESVVHQVLEEVK	AGAP008530-PA	-	76	2.79E-07	2	1395.754	4.35	Midgut	3R:+:11898417-11898452	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_110118	KVIEFAEASTK	AGAP008530-PA	-	34	0.002912882	2	1222.672	3.74	Ovary	3R:+:11899626-11899658	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_111441	DISSVFGIPFFIR	AGAP008530-PA	-	52	5.63E-05	2	1497.812	0.98	Ovary	3R:+:11899872-11899910	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_112783	HSCTIFLELPLPGR	AGAP008530-PA	C3(Carbamidomethyl)	57	1.81E-05	2	1639.872	5.69	Malpighian tubule	3R:+:11898819-11898860	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_113717	SDLFDATTAAYR	AGAP008530-PA	-	71	8.74E-07	2	1330.630	1.7	Male reproductive organs	3R:+:11898597-11898632	exon=> In CDS Exon 1 of transcript AGAP008530-PA
JHU_Ag_64325	LFEGK	AGAP008530-PA,AGAP004065-PA,AGAP001710-PA,AGAP008124-PA	-	34	0.002520629	1	593.329	-0.56	Midgut	3R:+:11897826-11897840;2R:+:49283941-49283955;2R:-:8851425-8851411;3R:+:5917564-5917578	exon=> In CDS Exon 1 of transcript AGAP008530-PA;exon=> In CDS Exon 2 of transcript AGAP004065-PA;exon=> In CDS Exon 4 of transcript AGAP001710-PA;exon=> In CDS Exon 1 of transcript AGAP008124-PA
JHU_Ag_512	TWHTEHFFCAQCGQQFGEDGFHER	AGAP008532-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	108	3.54E-11	1	3011.247	3.1	Visceras	3R:+:11946125-11946196	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_1224	CAYCNGPILDKCVTALEK	AGAP008532-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C12(Carbamidomethyl)	64	6.61E-06	1	2112.005	5.87	Malpighian tubule	3R:+:11945977-11946006,11946101-11946124	exon=> In CDS Exon 9 and 10 of transcript AGAP008532-PA
JHU_Ag_6879	TWHPEHFTCNHCNQELGTR	AGAP008532-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	104	2.56E-10	1	2424.038	0.73	Malpighian tubule	3R:+:11945854-11945910	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_8591	TWHTEHFFCAQCGQQFGEDGFHER	AGAP008532-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	170	2.94E-17	1	3011.257	6.43	Ovary	3R:+:11946125-11946196	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_13836	DGNPYCEPDYHNLFSPR	AGAP008532-PA	C6(Carbamidomethyl)	113	2.33E-11	1	2080.890	3.78	Malpighian tubule	3R:+:11945926-11945976	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_15771	STTPHNSLPR	AGAP008532-PA	-	53	5.90E-05	2	1109.566	-3.04	Head	3R:+:11933183-11933212	exon=> In CDS Exon 3 of transcript AGAP008532-PA

JHU_Ag_18809	NFFERDGNPYCEPDYHNLFSPR	AGAP008532-PA	C11(Carbamidomethyl)	64	2.68E-06	1	2774.214	2.96	Malpighian tubule	3R:+:11945911-11945976	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_19892	EPFHGGSFFDHEGLPYCETHYHAK	AGAP008532-PA	C17(Carbamidomethyl)	87	1.45E-08	1	2862.256	6.61	Ovary	3R:+:11951751-11951822	exon=> In CDS Exon 11 of transcript AGAP008532-PA
JHU_Ag_27616	AIMENYISALNSQWHPDCFVCR	AGAP008532-PA	C18(Carbamidomethyl), C21(Carbamidomethyl)	43	0.000502154	1	2711.228	4.13	Ovary	3R:+:11946266-11946331	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_33295	ELDDLMASLSDFK	AGAP008532-PA	M6(Oxidation)	44	0.000424447	2	1499.695	1.17	Male reproductive organs	3R:+:11934554-11934592	exon=> In CDS Exon 7 of transcript AGAP008532-PA
JHU_Ag_34321	ELDDLMASLSDFK	AGAP008532-PA	-	89	1.50E-08	2	1483.701	1.87	Head	3R:+:11934554-11934592	exon=> In CDS Exon 7 of transcript AGAP008532-PA
JHU_Ag_35832	TWHTEHFFCAQCGQQFGEDGFHER	AGAP008532-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	135	8.90E-14	1	3011.251	4.49	Malpighian tubule	3R:+:11946125-11946196	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_40953	EPFHGGSFFDHEGLPYCETHYHAK	AGAP008532-PA	C17(Carbamidomethyl)	39	0.000931318	1	2862.247	3.69	Malpighian tubule	3R:+:11951751-11951822	exon=> In CDS Exon 11 of transcript AGAP008532-PA
JHU_Ag_41382	DGNPYCEPDYHNLFSPR	AGAP008532-PA	C6(Carbamidomethyl)	100	3.63E-10	1	2080.882	0.14	Ovary	3R:+:11945926-11945976	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_41958	CAYCNGPILDK	AGAP008532-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	60	1.16E-05	1	1310.587	0.2	Visceras	3R:+:11945977-11946006,11946101-11946103	exon=> In CDS Exon 9 and 10 of transcript AGAP008532-PA
JHU_Ag_46158	NDYFDMFAPK	AGAP008532-PA	M6(Oxidation)	53	2.23E-05	2	1263.538	2.11	Ovary	3R:+:11946218-11946247	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_48024	NDYFDMFAPK	AGAP008532-PA	M6(Oxidation)	45	0.000186392	2	1247.543	2.17	Visceras	3R:+:11946218-11946247	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_52707	DGKPYCRNDYFDMFAPK	AGAP008532-PA	C6(Carbamidomethyl), M13(Oxidation)	38	0.001274 45	1	2139.928	0.91	Malpighian tubule	3R:+:11946197-11946247	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_54981	NDYFDMFAPK	AGAP008532-PA	-	42	0.000349 04	2	1247.544	3.24	Malpighian tubule	3R:+:11946218-11946247	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_55206	NDYFDMFAPK	AGAP008532-PA	M6(Oxidation)	43	0.000223077	2	1263.535	0.27	Head	3R:+:11946218-11946247	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_59890	LQTSASGNLSELDSLLQDLSSAR	AGAP008532-PA	-	160	1.31E-15	1	2405.217	0.74	Ovary	3R:+:11933231-11933299	exon=> In CDS Exon 3 of transcript AGAP008532-PA
JHU_Ag_60361	GCCNACDKPIVGQVITALGK	AGAP008532-PA	C2(Carbamidomethyl), C3(Carbamidomethyl), C6(Carbamidomethyl)	101	1.18E-09	1	2161.059	1.42	Head	3R:+:11945794-11945853	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_63197	DGNPYCEPDYHNLFSPR	AGAP008532-PA	C6(Carbamidomethyl)	116	9.65E-12	1	2080.882	0.15	Midgut	3R:+:11945926-11945976	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_67119	CAYCNGPILDK	AGAP008532-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	66	2.92E-06	1	1310.586	-0.36	Head	3R:+:11945977-11946006,11946101-11946103	exon=> In CDS Exon 9 and 10 of transcript AGAP008532-PA
JHU_Ag_69320	AIMENYISALNSQWHPDCFVCR	AGAP008532-PA	M3(Oxidation), C18(Carbamidomethyl), C21(Carbamidomethyl),"C18(Carbamidomethyl), C21(Carbamidomethyl)"	130	1.12E-12	1	2711.229	4.61	Malpighian tubule	3R:+:11946266-11946331	exon=> In CDS Exon 10 of transcript AGAP008532-PA
JHU_Ag_79243	GCCNACDKPIVGQVITALGK	AGAP008532-PA	C2(Carbamidomethyl), C3(Carbamidomethyl), C6(Carbamidomethyl)	56	4.62E-05	1	2161.065	3.96	Malpighian tubule	3R:+:11945794-11945853	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_79834	TWHPEHFTCNHCNQELGTR	AGAP008532-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	46	0.000188299	1	2424.052	6.85	Ovary	3R:+:11945854-11945910	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_84617	DGNPYCEPDYHNLFSPR	AGAP008532-PA	C6(Carbamidomethyl)	118	5.99E-12	1	2080.885	1.44	Visceras	3R:+:11945926-11945976	exon=> In CDS Exon 9 of transcript AGAP008532-PA

JHU_Ag_86984	GCCNACDKPIVGQVITALGK	AGAP008532-PA	C2(Carbamidomethyl), C3(Carbamidomethyl), C6(Carbamidomethyl)	67	3.27E-06	1	2161.057	0.32	Ovary	3R:+:11945794-11945853	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_93461	DGNPYCEPDYHNLFSPR	AGAP008532-PA	C6(Carbamidomethyl)	97	8.23E-10	1	2080.888	2.96	Head	3R:+:11945926-11945976	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_94444	GCCNACDKPIVGQVITALGK	AGAP008532-PA	C2(Carbamidomethyl), C3(Carbamidomethyl), C6(Carbamidomethyl)	135	5.58E-13	1	2161.061	1.93	Visceras	3R:+:11945794-11945853	exon=> In CDS Exon 9 of transcript AGAP008532-PA
JHU_Ag_116860	RPSVDSLLEELSNAHSNPIYAVPHGNQNANQPGR	AGAP008532-PA	-	148	1.45E-14	1	3681.837	6.73	Ovary	3R:+:11933448-11933521,11933626-11933653	exon=> In CDS Exon 4 and 5 of transcript AGAP008532-PA
JHU_Ag_20271	FSKLTVIPGSLK	AGAP008535-PA	-	28	0.001918418	1	1289.786	2.27	Pupa	3R:-:12036953-12036918	exon=> In CDS Exon 4 of transcript AGAP008535-PA
JHU_Ag_28653	FSKLTVIPGSLK	AGAP008535-PA	-	26	0.003291045	3	1289.782	-0.43	Midgut	3R:-:12036953-12036918	exon=> In CDS Exon 4 of transcript AGAP008535-PA
JHU_Ag_32033	FSKLTVIPGSLK	AGAP008535-PA	-	28	0.001992204	1	1289.783	0.5	Visceras	3R:-:12036953-12036918	exon=> In CDS Exon 4 of transcript AGAP008535-PA
JHU_Ag_98075	IITDEVLAADYDLVEAAK	AGAP008536-PA	-	30	0.010907327	1	1949.016	2.35	Head	3R:+:12134238-12134291	exon=> In CDS Exon 2 of transcript AGAP008536-PA
JHU_Ag_92051	NLLALGVNCVHPQIVTPLFR	AGAP008537-PA	C9(Carbamidomethyl)	67	4.72E-07	1	2261.269	4.43	Visceras	3R:+:12146722-12146781	exon=> In CDS Exon 2 of transcript AGAP008537-PA
JHU_Ag_99131	DIQNQDSGTYTCASPR	AGAP008538-PA	C12(Carbamidomethyl)	117	1.32E-11	2	1812.785	2.03	Head	3R:-:12158831-12158784	exon=> In CDS Exon 7 of transcript AGAP008538-PA
JHU_Ag_24098	ERPYGLEVAFR	AGAP008540-PA	-	53	6.51E-05	1	1336.703	1.54	Midgut	3R:+:12310567-12310599	exon=> In CDS Exon 2 of transcript AGAP008540-PA
JHU_Ag_9986	DPHGIDLLDYLLMLDPK	AGAP008541-PA	M13(Oxidation)	68	2.60E-06	1	1984.010	0.24	Ovary	3R:-:12311586-12311536	exon=> In CDS Exon 4 of transcript AGAP008541-PA
JHU_Ag_29988	LADFGLAR	AGAP008541-PA,AGAP005772-PA,AGAP004780-PA,AGAP005729-PA,AGAP004579-PA	-	43	0.000764846	2	862.480	2.07	Head	3R:-:12311946-12311923;2L:+:20428565-20428588;2L:-:3454526-3454503;2L:-:19792298-19792275;2R:-:57948965-57948942	exon=> In CDS Exon 4 of transcript AGAP008541-PA;exon=> In CDS Exon 1 of transcript AGAP005772-PA;exon=> In CDS Exon 9 of transcript AGAP004780-PA;exon=> In CDS Exon 6 of transcript AGAP005729-PA;exon=> In CDS Exon 2 of transcript AGAP004579-PA
JHU_Ag_98951	ILQLLK	AGAP008541-PA,AGAP009129-PA	-	40	3.10E-05	2	727.508	0.09	Male reproductive organs	3R:-:12312297-12312280;3R:-:26436137-26436120	exon=> In CDS Exon 3 of transcript AGAP008541-PA;exon=> In CDS Exon 4 of transcript AGAP009129-PA
JHU_Ag_9313	RPFSEETFFEAVEK	AGAP008544-PA	-	76	3.42E-07	1	1715.829	0.68	Malpighian tubule	3R:-:12402612-12402571	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_10062	IIQIDMDTGSR	AGAP008544-PA	M6(Oxidation)	72	1.12E-06	1	1264.621	0.8	Malpighian tubule	3R:-:12412057-12412025	exon=> In CDS Exon 1 of transcript AGAP008544-PA
JHU_Ag_19725	TTELPTAVIVR	AGAP008544-PA	-	62	4.13E-06	1	1199.699	-0.07	Malpighian tubule	3R:-:12401982-12401950	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_25980	TYNTVGTSEVGWVATDFAK	AGAP008544-PA	-	68	2.17E-06	1	2045.984	1.41	Malpighian tubule	3R:-:12402402-12402346	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_42107	IVDDDGNDLGVGER	AGAP008544-PA	-	73	5.45E-07	1	1473.677	-3.06	Midgut	3R:-:12402297-12402256	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_53322	ANFVFMPPSYASQVLR	AGAP008544-PA	M6(Oxidation)	61	1.31E-05	1	1842.920	-0.38	Malpighian tubule	3R:-:12402564-12402517	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_67069	ANVGEVLNHILLR	AGAP008544-PA	-	33	0.001409802	1	1447.835	-2.13	Midgut	3R:-:12412108-12412070	exon=> In CDS Exon 1 of transcript AGAP008544-PA

JHU_Ag_78289	FAQQLTDVGLR	AGAP008544-PA	-	64	4.55E-06	2	1247.673	-0.94	Midgut	3R:-:12403266-12403234	exon=> In CDS Exon 2 of transcript AGAP008544-PA
JHU_Ag_82110	RPFSEETFFEAVEK	AGAP008544-PA	-	61	1.06E-05	2	1715.825	-1.52	Midgut	3R:-:12402612-12402571	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_90542	VLEMVLELAK	AGAP008544-PA	M4(Oxidation)	75	3.05E-07	1	1160.659	-0.21	Malpighian tubule	3R:-:12401808-12401779	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_98672	ANVGEVLNHILLR	AGAP008544-PA	-	109	1.47E-11	1	1447.849	7.85	Malpighian tubule	3R:-:12412108-12412070	exon=> In CDS Exon 1 of transcript AGAP008544-PA
JHU_Ag_112934	GGVYFVER	AGAP008544-PA	-	36	0.002648528	2	926.475	1.63	Malpighian tubule	3R:-:12401871-12401848	exon=> In CDS Exon 3 of transcript AGAP008544-PA
JHU_Ag_56997	GDTLPPIYVFECTR	AGAP008545-PA	C12(Carbamidomethyl)	48	0.000257138	1	1667.810	0.31	Malpighian tubule	3R:-:12415480-12415439	exon=> In CDS Exon 1 of transcript AGAP008545-PA
JHU_Ag_63151	ETGSEETFVAPYLGDSNK	AGAP008545-PA	-	79	1.36E-07	1	1943.890	1.53	Malpighian tubule	3R:-:12415405-12415933,12414226-12415291	exon=> In CDS Exon 2 and 1 of transcript AGAP008545-PA
JHU_Ag_112522	LVFADADNYEVVR	AGAP008545-PA	-	100	1.36E-09	1	1510.756	1.22	Malpighian tubule	3R:-:12415546-12415508	exon=> In CDS Exon 1 of transcript AGAP008545-PA
JHU_Ag_1337	YGISVER	AGAP008548-PA	-	41	0.000784061	2	823.433	2.55	Larva	3R:+:12478858-12478878	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_1719	VEGQPDLK	AGAP008548-PA	-	49	6.92E-05	1	885.471	4.25	Larva	3R:+:12480201-12480224	exon=> In CDS Exon 2 of transcript AGAP008548-PA
JHU_Ag_2313	FALDIGQSGFR	AGAP008548-PA	-	54	4.54E-05	2	1210.621	-0.25	Male reproductive organs	3R:+:12492329-12492361	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_6795	QLEVVTGLTGAQEETLHMR	AGAP008548-PA	M18(Oxidation)	40	0.001613342	1	2128.069	-0.68	Midgut	3R:+:12478777-12478833	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_13976	VTFGAAAGESFAK	AGAP008548-PA	-	57	2.50E-05	2	1255.632	0.45	Midgut	3R:+:12492362-12492400	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_15068	LTLLVDDLER	AGAP008548-PA	-	50	0.000109647	2	1186.669	1.07	Salivary gland	3R:+:12492401-12492430	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_19662	YPFYGLAPAGLGR	AGAP008548-PA	-	74	4.51E-07	1	1381.732	4.43	Larva	3R:+:12478969-12479007	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_23483	LTLLVDDLER	AGAP008548-PA	-	40	0.001078936	1	1186.669	0.76	Midgut	3R:+:12492401-12492430	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_24351	VDYNADTDTFDIGR	AGAP008548-PA	-	99	9.70E-10	1	1601.708	-0.19	Midgut	3R:+:12491559-12491600	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_24629	GLTLLYDAAGDFHPQFEGYQPGTPIK	AGAP008548-PA	-	129	1.79E-12	1	2835.399	0.01	Midgut	3R:+:12479584-12479661	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_25725	LTLLVDDLER	AGAP008548-PA	-	37	0.002270275	2	1186.670	2.2	Pupa	3R:+:12492401-12492430	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_31334	FVTVEETGDYR	AGAP008548-PA	-	66	2.13E-06	2	1315.616	-0.48	Midgut	3R:+:12478387-12478419	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_31584	LFIPELNFAGVK	AGAP008548-PA	-	49	0.000105669	2	1347.769	1.51	Salivary gland	3R:+:12492293-12492328	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_33460	HFDQTIVNR	AGAP008548-PA	-	65	3.93E-06	1	1129.574	-0.58	Midgut	3R:+:12490635-12490661	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_33891	ASAFYLFSSLPAHQVAASSGR	AGAP008548-PA	-	55	3.85E-05	1	2167.097	1.92	Pupa	3R:+:12478906-12478968	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_40774	EYTFGTPIK	AGAP008548-PA	-	37	0.002384645	1	1055.541	0.42	Midgut	3R:+:12491817-12491843	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_43964	ESLAGVTEDEFAQFLR	AGAP008548-PA	-	72	9.81E-07	2	1811.888	3.59	Salivary gland	3R:+:12491709-12491756	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_46172	VADQTDAAPALR	AGAP008548-PA	-	35	0.00361765	1	1227.648	11.93	Ovary	3R:+:12480434-12480469	exon=> In CDS Exon 3 of transcript AGAP008548-PA
JHU_Ag_48262	FVTVEETGDYR	AGAP008548-PA	-	85	3.22E-08	1	1315.621	3.42	Larva	3R:+:12478387-12478419	exon=> In CDS Exon 1 of transcript AGAP008548-PA

JHU_Ag_48845	QYFYATGNTDWLK	AGAP008548-PA	-	47	0.000283873	2	1606.759	3.29	Larva	3R:+:12479293-12479331	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_49333	LHQDRLEIK	AGAP008548-PA	-	51	4.57E-05	2	1151.658	4.19	Larva	3R:+:12480063-12480089	exon=> In CDS Exon 2 of transcript AGAP008548-PA
JHU_Ag_51054	SVDLVEEPLEK	AGAP008548-PA	-	63	7.16E-06	1	1257.657	0.04	Midgut	3R:+:12490731-12490763	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_51472	GVLFALTVNETGIK	AGAP008548-PA	-	77	7.02E-08	2	1461.836	3.59	Larva	3R:+:12480147-12480188	exon=> In CDS Exon 2 of transcript AGAP008548-PA
JHU_Ag_52392	LADQDGR	AGAP008548-PA	-	52	5.15E-05	2	774.374	-0.28	Salivary gland	3R:+:12492619-12492639	exon=> In CDS Exon 6 of transcript AGAP008548-PA
JHU_Ag_53660	FALDIGQSGFR	AGAP008548-PA	-	64	5.25E-06	2	1210.619	-1.86	Midgut	3R:+:12492329-12492361	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_54930	EFLFFTAFTMTEEDGRR	AGAP008548-PA	M10(Oxidation)	57	2.95E-05	1	2112.981	5.41	Larva	3R:+:12478726-12478776	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_60419	QADVVLLGYPLEFPMK	AGAP008548-PA	M15(Oxidation)	68	1.88E-06	2	1835.961	-0.09	Midgut	3R:+:12491844-12491891	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_60432	TLVTEAAADYAR	AGAP008548-PA	-	88	2.77E-08	2	1280.651	1.87	Pupa	3R:+:12491301-12491336	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_60681	QADVVLLGYPLEFPMK	AGAP008548-PA	M15(Oxidation)	63	5.36E-06	2	1835.965	1.84	Salivary gland	3R:+:12491844-12491891	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_61202	ESLAGVTEDEFAQFLR	AGAP008548-PA	-	89	1.92E-08	2	1811.885	1.91	Midgut	3R:+:12491709-12491756	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_63157	LGSTNTITAR	AGAP008548-PA	-	84	4.95E-08	2	1033.568	3.74	Larva	3R:+:12478489-12478518	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_69140	QLEVVTGLTGAQEETLHMR	AGAP008548-PA	M18(Oxidation)	79	1.75E-07	1	2128.080	4.65	Larva	3R:+:12478777-12478833	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_72069	GLTLLYDAAGDFHPQFEGYQPGTPIK	AGAP008548-PA	-	107	2.99E-10	1	2835.407	2.92	Larva	3R:+:12479584-12479661	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_72797	TLVTEAAADYAR	AGAP008548-PA	-	51	0.00014092	2	1280.650	1.11	Head	3R:+:12491301-12491336	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_73898	YPFYGLAPAGLGR	AGAP008548-PA	-	70	1.14E-06	1	1381.726	-0.25	Midgut	3R:+:12478969-12479007	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_78031	TLVTEAAADYAR	AGAP008548-PA	-	82	1.16E-07	1	1280.649	0.54	Midgut	3R:+:12491301-12491336	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_82357	ENGPAMTWAIHTIGHLELGEVQQAATMFDK	AGAP008548-PA	M6(Oxidation), M27(Oxidation)	63	6.56E-06	1	3327.616	11.69	Larva	3R:+:12479838-12479927	exon=> In CDS Exon 2 of transcript AGAP008548-PA
JHU_Ag_85073	YYDTVLVNR	AGAP008548-PA	-	61	8.10E-06	2	1142.585	0.82	Midgut	3R:+:12478447-12478473	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_85983	EFLFFTAFTMTEEDGRR	AGAP008548-PA	M10(Oxidation)	38	0.002158194	1	2112.969	-0.49	Midgut	3R:+:12478726-12478776	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_87629	LFIPELNFAGVK	AGAP008548-PA	-	36	0.00184479	2	1347.769	1.33	Malpighian tubule	3R:+:12492293-12492328	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_87891	LFIPELNFAGVK	AGAP008548-PA	-	62	5.05E-06	2	1347.767	-0.39	Midgut	3R:+:12492293-12492328	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_90930	DLFEGCEYTGSNNAELR	AGAP008548-PA	C6(Carbamidomethyl)	103	2.77E-10	1	1974.848	-0.85	Midgut	3R:+:12492431-12492452,12492515-12492543	exon=> In CDS Exon 5 and 6 of transcript AGAP008548-PA
JHU_Ag_93367	YYDTVLVNR	AGAP008548-PA	-	71	8.46E-07	2	1142.588	3.06	Larva	3R:+:12478447-12478473	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_96951	LAADSSLFWLSR	AGAP008548-PA	-	96	3.24E-09	2	1365.715	-0.68	Midgut	3R:+:12479347-12479382	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_99344	SVDLVEEPLEK	AGAP008548-PA	-	56	3.59E-05	2	1257.657	-0.44	Salivary gland	3R:+:12490731-12490763	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_103170	ASAFYLFSSLPAHQVAASSGR	AGAP008548-PA	-	95	3.76E-09	1	2167.093	-0.02	Midgut	3R:+:12478906-12478968	exon=> In CDS Exon 1 of transcript AGAP008548-PA

JHU_Ag_104354	VDYNADTDTFDIGR	AGAP008548-PA	-	67	1.85E-06	2	1601.709	0.95	Salivary gland	3R:+:12491559-12491600	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_105107	ELLQVAR	AGAP008548-PA	-	37	0.001614693	1	828.496	2.96	Larva	3R:+:12479563-12479583	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_106597	TLVTEAAADYAR	AGAP008548-PA	-	92	1.37E-08	1	1280.649	0.63	Salivary gland	3R:+:12491301-12491336	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_110091	FALDIGQSGFR	AGAP008548-PA	-	67	2.41E-06	2	1210.622	0.06	Salivary gland	3R:+:12492329-12492361	exon=> In CDS Exon 5 of transcript AGAP008548-PA
JHU_Ag_110827	LVHEMYPHR	AGAP008548-PA	M5(Oxidation)	52	7.15E-05	1	1197.589	4.52	Larva	3R:+:12478420-12478446	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_111029	SITLPYNAQYDVHPEYK	AGAP008548-PA	-	120	1.81E-11	1	2037.990	-0.86	Midgut	3R:+:12491766-12491816	exon=> In CDS Exon 4 of transcript AGAP008548-PA
JHU_Ag_113905	ASAFYLFSSLPAHQVAASSGR	AGAP008548-PA	-	141	8.90E-14	1	2167.103	4.54	Larva	3R:+:12478906-12478968	exon=> In CDS Exon 1 of transcript AGAP008548-PA
JHU_Ag_115093	DCEYEGTTAIIQQTK	AGAP008548-PA	C2(Carbamidomethyl)	122	8.26E-12	1	1756.805	-0.23	Midgut	3R:+:12480261-12480270,12480348-12480382	exon=> In CDS Exon 2 and 3 of transcript AGAP008548-PA
JHU_Ag_115329	DCEYEGTTAIIQQTK	AGAP008548-PA	C2(Carbamidomethyl)	115	4.63E-11	2	1756.817	6.17	Larva	3R:+:12480261-12480270,12480348-12480382	exon=> In CDS Exon 2 and 3 of transcript AGAP008548-PA
JHU_Ag_96855	RLFSLFR	AGAP008552-PA	-	27	0.007491988	1	938.558	1.13	Ovary	3R:+:12573147-12573167	exon=> In CDS Exon 3 of transcript AGAP008552-PA
JHU_Ag_2984	IEDLEVQLK	AGAP008556-PA	Q7(Deamidated)	40	0.00196677	2	1087.587	-1.13	Pupa	3R:+:12699869-12699895	exon=> In CDS Exon 4 of transcript AGAP008556-PA
JHU_Ag_15530	AADSLAAIVR	AGAP008557-PA	-	75	4.36E-07	2	986.565	2.28	Salivary gland	3R:-:12705188-12705159	exon=> In CDS Exon 5 of transcript AGAP008557-PA
JHU_Ag_31422	ALPELSAVIIDSQK	AGAP008557-PA	-	95	1.83E-09	2	1483.840	2.31	Malpighian tubule	3R:-:12705631-12705590	exon=> In CDS Exon 4 of transcript AGAP008557-PA
JHU_Ag_36496	EVEDYLNTYPK	AGAP008557-PA	-	52	7.50E-05	1	1370.649	1.18	Malpighian tubule	3R:-:12704568-12704536	exon=> In CDS Exon 6 of transcript AGAP008557-PA
JHU_Ag_73250	LTYAAVLDK	AGAP008557-PA	-	49	0.000100389	1	993.561	-0.79	Malpighian tubule	3R:-:12709424-12709398	exon=> In CDS Exon 2 of transcript AGAP008557-PA
JHU_Ag_74499	TGDQFMLR	AGAP008557-PA	M6(Oxidation)	35	0.003506204	2	967.453	-13.85	Malpighian tubule	3R:-:12704667-12704644	exon=> In CDS Exon 6 of transcript AGAP008557-PA
JHU_Ag_90993	ALVAAEGYR	AGAP008557-PA	-	57	3.20E-05	2	949.510	-0.67	Malpighian tubule	3R:-:12705736-12705710	exon=> In CDS Exon 4 of transcript AGAP008557-PA
JHU_Ag_93141	AGMITVGINPAYQVPELEYALQK	AGAP008557-PA	M3(Oxidation)	44	0.000351914	2	2521.302	0.4	Malpighian tubule	3R:-:12709027-12709141,12705582-12705749	exon=> In CDS Exon 4 and 3 of transcript AGAP008557-PA
JHU_Ag_96973	ALPELSAVIIDSQK	AGAP008557-PA	-	48	0.000100385	2	1483.839	1.81	Ovary	3R:-:12705631-12705590	exon=> In CDS Exon 4 of transcript AGAP008557-PA
JHU_Ag_102650	ALPELSAVIIDSQK	AGAP008557-PA	-	64	2.64E-06	2	1483.835	-1.39	Midgut	3R:-:12705631-12705590	exon=> In CDS Exon 4 of transcript AGAP008557-PA
JHU_Ag_117642	AADSLAAIVR	AGAP008557-PA	-	64	5.37E-06	2	986.565	2.28	Malpighian tubule	3R:-:12705188-12705159	exon=> In CDS Exon 5 of transcript AGAP008557-PA
JHU_Ag_6105	TPILDR	AGAP008559-PA	-	31	0.004805889	1	714.414	-0.89	Head	3R:+:12728490-12728507	exon=> In CDS Exon 2 of transcript AGAP008559-PA
JHU_Ag_116096	YLFVQLDYNPHSPIILEDNR	AGAP008572-PA	-	77	2.57E-07	1	2446.240	-0.18	Midgut	3R:-:13081490-13081431	exon=> In CDS Exon 1 of transcript AGAP008572-PA
JHU_Ag_1525	VSGENPPDHVESFER	AGAP008578-PA	-	86	3.06E-08	1	1698.771	-0.28	Male reproductive organs	3R:+:13263063-13263107	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_5565	LKVCVSYGGTAVQHQLQLMR	AGAP008578-PA	C4(Carbamidomethyl), M19(Oxidation)	117	2.02E-11	1	2304.199	1.49	Ovary	3R:+:13263405-13263464	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_7111	GLDIKNVNHVVNYDLPK	AGAP008578-PA	-	96	1.65E-09	1	1938.056	5.77	Malpighian tubule	3R:+:13264029-13264079	exon=> In CDS Exon 3 of transcript AGAP008578-PA

JHU_Ag_7433	EREMALYDFK	AGAP008578-PA	-	35	0.003928935	1	1301.620	0.03	Ovary	3R:+:13263954-13263983	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_7630	KLEEILNGGNPK	AGAP008578-PA	N7(Deamidated)	87	1.46E-08	2	1311.727	0.26	Ovary	3R:+:13263810-13263845	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_7646	GTLVFVETKR	AGAP008578-PA	-	60	4.91E-06	1	1149.663	-0.15	Ovary	3R:+:13263846-13263875	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_8032	ELAIQIHDEGR	AGAP008578-PA	-	85	4.91E-08	1	1280.662	1.68	Malpighian tubule	3R:+:13263351-13263383	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_8707	SSYTKPTPIQR	AGAP008578-PA	-	55	3.77E-05	1	1277.685	0.48	Ovary	3R:+:13263147-13263179	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_9462	MLDMGFLPSIEK	AGAP008578-PA	M1(Oxidation), M4(Oxidation)	47	0.000295238	2	1412.688	5.71	Malpighian tubule	3R:+:13263576-13263611	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_11867	DLMACAQTGSGK	AGAP008578-PA	M3(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	68	1.23E-06	2	1254.547	1.14	Malpighian tubule	3R:+:13263210-13263245	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_12028	ELAIQIHDEGR	AGAP008578-PA	-	91	1.52E-08	1	1280.660	0.15	Ovary	3R:+:13263351-13263383	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_12634	NGDGGRPAYSGNSDPSMDQVK	AGAP008578-PA	N1(Deamidated), M17(Oxidation),M17(Oxidation)	88	1.03E-08	1	2167.936	2.19	Malpighian tubule	3R:+:13262880-13262942	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_13252	LLDFIDR	AGAP008578-PA	-	42	0.000740035	1	891.495	1.26	Visceras	3R:+:13263501-13263521	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_17617	MDVLIATSVAAR	AGAP008578-PA	M1(Oxidation)	95	3.47E-09	2	1246.683	0.07	Ovary	3R:+:13263993-13264028	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_19196	SSYTKPTPIQR	AGAP008578-PA	-	52	6.88E-05	1	1277.688	2.1	Malpighian tubule	3R:+:13263147-13263179	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_19718	AMASDLVK	AGAP008578-PA	M2(Oxidation)	45	0.000432729	2	850.437	3.96	Ovary	3R:+:13264173-13264196	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_20794	LLDFIDR	AGAP008578-PA	-	36	0.002668409	1	891.493	-0.31	Male reproductive organs	3R:+:13263501-13263521	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_21659	VSGENPPDHVESFER	AGAP008578-PA	-	98	2.31E-09	1	1698.777	2.81	Malpighian tubule	3R:+:13263063-13263107	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_22343	NPYIVIVAPTR	AGAP008578-PA	-	80	5.45E-08	1	1242.726	4.79	Ovary	3R:+:13263318-13263350	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_22607	GGCHVLVATPGR	AGAP008578-PA	C3(Carbamidomethyl)	76	3.68E-07	1	1223.633	1.48	Malpighian tubule	3R:+:13263465-13263500	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_23883	MDVLIATSVAARGLDIK	AGAP008578-PA	-	30	0.005085084	1	1772.992	-1.27	Malpighian tubule	3R:+:13263993-13264043	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_24391	GTLVFVETKR	AGAP008578-PA	-	65	1.89E-06	2	1149.661	-1.1	Male reproductive organs	3R:+:13263846-13263875	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_25382	NADYLASLMSETQFPTTSIHGDR	AGAP008578-PA	M9(Oxidation)	112	9.04E-11	1	2554.196	3.02	Malpighian tubule	3R:+:13263876-13263944	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_26361	ILTQAGQSVPDFLK	AGAP008578-PA	-	95	2.57E-09	1	1516.838	0.67	Male reproductive organs	3R:+:13264197-13264238	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_26603	EMALYDFK	AGAP008578-PA	-	61	6.18E-06	1	1016.478	2.56	Ovary	3R:+:13263960-13263983	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_30326	NVNHVVNYDLPK	AGAP008578-PA	-	49	0.000130454	1	1411.737	3.08	Malpighian tubule	3R:+:13264044-13264079	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_31236	KLEEILNGGNPK	AGAP008578-PA	N7(Deamidated)	81	6.24E-08	2	1311.728	1.09	Malpighian tubule	3R:+:13263810-13263845	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_31976	DGGGGFGGGGYGDRNGDGGRPAYSGNSDPSMDQVK	AGAP008578-PA	N15(Deamidated), M31(Oxidation),M31(Oxidation),"N26(Deamidated), M31(Oxidation)"	77	9.76E-08	1	3377.418	2.11	Malpighian tubule	3R:+:13262838-13262942	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_34205	MDVLIATSVAAR	AGAP008578-PA	-	68	1.59E-06	2	1246.689	5.06	Malpighian tubule	3R:+:13263993-13264028	exon=> In CDS Exon 3 of transcript AGAP008578-PA

JHU_Ag_35852	NPYIVIVAPTR	AGAP008578-PA	-	56	1.99E-05	2	1242.721	0.18	Male reproductive organs	3R:+:13263318-13263350	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_36085	VDAQPVALEPEEEWE	AGAP008578-PA	-	62	8.01E-06	2	1740.804	4.1	Ovary	3R:+:13264317-13264361	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_39435	ELAIQIHDEGRK	AGAP008578-PA	-	88	1.41E-08	1	1408.762	5.68	Ovary	3R:+:13263351-13263386	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_40119	DLMACAQTGSGK	AGAP008578-PA	M3(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	89	1.27E-08	1	1238.551	0.7	Ovary	3R:+:13263210-13263245	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_40652	NADYLASLMSETQFPTTSIHGDRLQR	AGAP008578-PA	M9(Oxidation)	115	4.99E-11	1	2967.437	3.63	Malpighian tubule	3R:+:13263876-13263953	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_41634	QTLMFSATFPAEIQELAGK	AGAP008578-PA	M4(Oxidation)	128	2.36E-12	1	2098.059	2.87	Ovary	3R:+:13263651-13263707	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_42317	SIDDYVHR	AGAP008578-PA	-	53	6.16E-05	1	1004.480	-0.07	Ovary	3R:+:13264080-13264103	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_42635	SIDDYVHR	AGAP008578-PA	-	53	7.28E-05	1	1004.481	1.69	Malpighian tubule	3R:+:13264080-13264103	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_42893	DAGGSGSYMGSSQFGGK	AGAP008578-PA	M9(Oxidation)	152	2.38E-15	1	1608.661	1.01	Ovary	3R:+:13264239-13264289	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_43836	SGDGEWDDCDEGR	AGAP008578-PA	N-Term(Acetyl), C9(Carbamidomethyl)	66	2.03E-08	2	1539.530	0.5	Ovary	3R:+:13262404-13262427,13262530-13262544	exon=> In CDS Exon 1 and 2 of transcript AGAP008578-PA
JHU_Ag_44251	ILTQAGQSVPDFLKDAGGSGSYMGSSQFGGK	AGAP008578-PA	M23(Oxidation)	121	1.16E-11	1	3106.492	4.12	Malpighian tubule	3R:+:13264197-13264289	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_44826	VCVSYGGTAVQHQLQLMR	AGAP008578-PA	C2(Carbamidomethyl), M17(Oxidation)	40	0.001600727	1	2063.031	7.09	Malpighian tubule	3R:+:13263411-13263464	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_45075	DGGGGFGGGGYGDR	AGAP008578-PA	-	105	1.15E-10	1	1228.498	0.51	Ovary	3R:+:13262838-13262879	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_46711	SGDGEWDDCDEGRSFDQPK	AGAP008578-PA	N-Term(Acetyl), C9(Carbamidomethyl)	56	2.70E-06	1	2241.865	1.17	Malpighian tubule	3R:+:13262404-13262427,13262530-13262562	exon=> In CDS Exon 1 and 2 of transcript AGAP008578-PA
JHU_Ag_48004	MLDMGFLPSIEK	AGAP008578-PA	M1(Oxidation),M4(Oxidation),"M1(Oxidation), M4(Oxidation)"	84	5.88E-08	1	1412.687	4.76	Ovary	3R:+:13263576-13263611	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_49001	SGDGEWDDCDEGR	AGAP008578-PA	N-Term(Acetyl), C9(Carbamidomethyl)	43	7.45E-06	2	1539.534	3.2	Malpighian tubule	3R:+:13262404-13262427,13262530-13262544	exon=> In CDS Exon 1 and 2 of transcript AGAP008578-PA
JHU_Ag_49135	SIDDYVHR	AGAP008578-PA	-	44	0.000519199	2	1004.481	1.33	Male reproductive organs	3R:+:13264080-13264103	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_50907	LEEILNGGNPK	AGAP008578-PA	-	62	5.35E-06	2	1183.632	-0.13	Ovary	3R:+:13263813-13263845	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_51575	GTLVFVETKR	AGAP008578-PA	-	70	5.60E-07	1	1149.665	1.87	Malpighian tubule	3R:+:13263846-13263875	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_52156	GGCHVLVATPGR	AGAP008578-PA	C3(Carbamidomethyl)	71	1.06E-06	1	1223.632	0.18	Ovary	3R:+:13263465-13263500	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_57969	NVNHVVNYDLPK	AGAP008578-PA	-	58	1.81E-05	1	1411.733	-0.03	Male reproductive organs	3R:+:13264044-13264079	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_58459	KSSYTKPTPIQR	AGAP008578-PA	-	62	5.11E-06	1	1405.782	1.39	Ovary	3R:+:13263144-13263179	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_59085	ILTQAGQSVPDFLK	AGAP008578-PA	-	101	6.77E-10	1	1516.838	0.75	Ovary	3R:+:13264197-13264238	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_59813	ILTQAGQSVPDFLK	AGAP008578-PA	-	94	3.07E-09	1	1516.841	2.28	Visceras	3R:+:13264197-13264238	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_60086	ILTQAGQSVPDFLKDAGGSGSYMGSSQFGGK	AGAP008578-PA	M23(Oxidation)	167	2.97E-16	1	3090.486	0.8	Ovary	3R:+:13264197-13264289	exon=> In CDS Exon 3 of transcript AGAP008578-PA

JHU_Ag_60223	KSSYTKPTPIQR	AGAP008578-PA	-	79	1.13E-07	1	1405.782	1.32	Malpighian tubule	3R:+:13263144-13263179	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_61226	YAIPIILNGRDLMACAQTGSGK	AGAP008578-PA	C15(Carbamidomethyl),"M13(Oxidation),C15(Carbamidomethyl)"	67	2.42E-06	1	2365.210	4.12	Malpighian tubule	3R:+:13263180-13263245	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_64667	SGDGEWDDCDEGRSFDQPK	AGAP008578-PA	N-Term(Acetyl),C9(Carbamidomethyl)	25	0.002589659	1	2241.862	-0.36	Ovary	3R:+:13262404-13262427,13262530-13262562	exon=> In CDS Exon 1 and 2 of transcript AGAP008578-PA
JHU_Ag_65134	DGGGGFGGGGYGDR	AGAP008578-PA	-	100	3.24E-10	1	1228.500	2.1	Malpighian tubule	3R:+:13262838-13262879	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_65212	RNADYLASLMSETQFPTTSIHGDR	AGAP008578-PA	M10(Oxidation)	55	4.63E-05	3	2726.304	7.48	Ovary	3R:+:13263873-13263944	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_66867	SGLREEVMTNVR	AGAP008578-PA	M8(Oxidation)	59	2.66E-05	2	1390.707	-2.85	Ovary	3R:+:13263108-13263143	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_67833	NPYIVIVAPTR	AGAP008578-PA	-	38	0.001380277	2	1242.723	2.24	Visceras	3R:+:13263318-13263350	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_70472	TRNPYIVIVAPTR	AGAP008578-PA	-	63	2.07E-06	1	1499.870	0.31	Ovary	3R:+:13263312-13263350	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_72234	YAIPIILNGR	AGAP008578-PA	N8(Deamidated)	50	8.42E-05	2	1130.656	-0.4	Male reproductive organs	3R:+:13263180-13263209	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_72972	YAIPIILNGR	AGAP008578-PA	N8(Deamidated)	39	0.000924857	2	1130.663	5	Malpighian tubule	3R:+:13263180-13263209	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_75225	NPYIVIVAPTR	AGAP008578-PA	-	37	0.001581817	2	1242.722	1.36	Malpighian tubule	3R:+:13263318-13263350	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_77480	SGLREEVMTNVR	AGAP008578-PA	M8(Oxidation)	77	3.78E-07	1	1390.715	2.85	Malpighian tubule	3R:+:13263108-13263143	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_77517	VMGHATMPEKQQR	AGAP008578-PA	M2(Oxidation),M7(Oxidation),M7(Oxidation)	89	1.67E-08	1	1512.742	0.93	Malpighian tubule	3R:+:13263612-13263650	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_80585	ILTQAGQSVPDFLK	AGAP008578-PA	-	95	2.42E-09	1	1516.843	4.21	Malpighian tubule	3R:+:13264197-13264238	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_82559	TRNPYIVIVAPTR	AGAP008578-PA	-	41	0.00034873	1	1499.869	-0.01	Male reproductive organs	3R:+:13263312-13263350	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_84919	GYVTFENVNFVVLDEADR	AGAP008578-PA	-	135	4.96E-13	1	2087.014	2.81	Ovary	3R:+:13263522-13263575	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_85557	GYVTFENVNFVVLDEADRMLDMGFLPSIEK	AGAP008578-PA	M19(Oxidation),M22(Oxidation)	172	8.53E-17	1	3480.686	4.46	Ovary	3R:+:13263522-13263611	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_86604	ATSFYDPEADRAMASDLVK	AGAP008578-PA	M13(Oxidation)	77	2.84E-07	1	2102.983	6.06	Ovary	3R:+:13264140-13264196	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_86940	KSSYTKPTPIQR	AGAP008578-PA	-	49	9.21E-05	1	1405.780	0.27	Male reproductive organs	3R:+:13263144-13263179	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_92206	NGDGGRPAYSGNSDPSMDQVK	AGAP008578-PA	N1(Deamidated),M17(Oxidation),M17(Oxidation)	91	3.92E-09	1	2168.923	3.46	Ovary	3R:+:13262880-13262942	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_92881	TAAFMLPMIHHLLDKEDSLELR	AGAP008578-PA	M5(Oxidation),M8(Oxidation)	90	9.60E-09	1	2612.336	5.77	Malpighian tubule	3R:+:13263246-13263311	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_95194	ATSFYDPEADR	AGAP008578-PA	-	50	7.18E-05	1	1271.554	0.45	Ovary	3R:+:13264140-13264172	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_95410	VSGENPPDHVESFER	AGAP008578-PA	-	114	4.89E-11	1	1698.773	0.87	Ovary	3R:+:13263063-13263107	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_95736	NADYLASLMSETQFPTTSIHGDR	AGAP008578-PA	M9(Oxidation)	163	8.14E-16	1	2570.196	5.24	Ovary	3R:+:13263876-13263944	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_96168	NVNHVVNYDLPK	AGAP008578-PA	N3(Deamidated)	84	4.87E-08	1	1411.734	0.49	Ovary	3R:+:13264044-13264079	exon=> In CDS Exon 3 of transcript AGAP008578-PA

JHU_Ag_96549	NGDGGRPAYSGNSDPSMDQVKTDKPR	AGAP008578-PA	M17(Oxidation)	83	4.98E-08	1	2765.259	1.69	Malpighian tubule	3R:+:13262880-13262957	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_98430	LLDFIDR	AGAP008578-PA	-	45	0.000357481	2	891.493	-0.18	Ovary	3R:+:13263501-13263521	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_99058	TAAFMLPMIHHLLDKEDSLELR	AGAP008578-PA	M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	132	6.65E-13	1	2612.334	4.84	Ovary	3R:+:13263246-13263311	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_99515	ATSFYDPEADRAMASDLVK	AGAP008578-PA	M13(Oxidation)	36	0.003405 41	1	2102.971	0.4	Male reproductive organs	3R:+:13264140-13264196	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_99982	VCVSYGGTAVQHQLQLMR	AGAP008578-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M17(Oxidation)"	122	9.24E-12	2	2047.020	-0.58	Ovary	3R:+:13263411-13263464	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_106492	DSYGSRVDAQPVALEPEEEWE	AGAP008578-PA	-	71	6.90E-07	1	2406.079	2.53	Malpighian tubule	3R:+:13264299-13264361	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_107972	ELYIPPLPTEDESLIFGSGISSGINFDKFEEIQVR	AGAP008578-PA	-	127	1.23E-12	1	3940.007	4.33	Ovary	3R:+:13262958-13263062	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_109811	YAIPIILNGR	AGAP008578-PA	N8(Deamidated)	53	3.03E-05	2	1130.659	1.98	Ovary	3R:+:13263180-13263209	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_111791	GTLVFVETK	AGAP008578-PA	-	45	0.000199 76	2	993.566	4.3	Ovary	3R:+:13263846-13263872	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_112473	DLMACAQTGSGK	AGAP008578-PA	M3(Oxidation), C5(Carbamidomethyl)	59	9.91E-06	2	1254.545	-0.12	Head	3R:+:13263210-13263245	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_114832	ATSFYDPEADRAMASDLVK	AGAP008578-PA	M13(Oxidation)	82	7.95E-08	1	2102.978	3.8	Malpighian tubule	3R:+:13264140-13264196	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_117264	VMGHATMPEK	AGAP008578-PA	M2(Oxidation), M7(Oxidation)	48	0.000131 57	1	1100.519	-3.02	Ovary	3R:+:13263612-13263641	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_117337	LKVCVSYGGTAVQHQLQLMR	AGAP008578-PA	C4(Carbamidomethyl), M19(Oxidation)	66	2.71E-06	1	2304.201	2.54	Malpighian tubule	3R:+:13263405-13263464	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_117404	TRNPYIVIVAPTR	AGAP008578-PA	-	66	1.02E-06	1	1499.875	3.97	Malpighian tubule	3R:+:13263312-13263350	exon=> In CDS Exon 3 of transcript AGAP008578-PA
JHU_Ag_18176	FIYVESAFFQK	AGAP008582-PA	-	88	2.42E-08	1	1378.710	3.85	Larva	3R:+:13285975-13286007	exon=> In CDS Exon 3 of transcript AGAP008582-PA
JHU_Ag_18464	RFIYVESAFFQK	AGAP008582-PA	-	67	2.74E-06	1	1534.810	3.35	Larva	3R:+:13285972-13286007	exon=> In CDS Exon 3 of transcript AGAP008582-PA
JHU_Ag_26176	TVDQYYYGSR	AGAP008582-PA	-	69	1.29E-06	1	1251.566	1.43	Larva	3R:+:13285796-13285820,13285892-13285896	exon=> In CDS Exon 2 and 3 of transcript AGAP008582-PA
JHU_Ag_45535	KHHGCGYEACPEPK	AGAP008582-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	71	5.72E-07	1	1669.728	3.92	Larva	3R:+:13285621-13285644,13285718-13285735	exon=> In CDS Exon 1 and 2 of transcript AGAP008582-PA
JHU_Ag_70411	KHHGCGYEACPEPK	AGAP008582-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	51	5.64E-05	1	1669.722	0.52	Pupa	3R:+:13285621-13285644,13285718-13285735	exon=> In CDS Exon 1 and 2 of transcript AGAP008582-PA
JHU_Ag_90475	HHGCGYEACPEPK	AGAP008582-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	76	9.71E-08	1	1541.632	3.93	Larva	3R:+:13285624-13285644,13285718-13285735	exon=> In CDS Exon 1 and 2 of transcript AGAP008582-PA
JHU_Ag_101326	AGVQYILDSVVHELLKDPSR	AGAP008582-PA	-	131	3.84E-13	1	2239.218	4.54	Larva	3R:+:13285912-13285971	exon=> In CDS Exon 3 of transcript AGAP008582-PA
JHU_Ag_104747	AGVQYILDSVVHELLK	AGAP008582-PA	-	86	1.14E-08	2	1784.003	4.49	Larva	3R:+:13285912-13285959	exon=> In CDS Exon 3 of transcript AGAP008582-PA

JHU_Ag_108874	WYLEQTPEMQQQVHMLVEEGR	AGAP008582-PA	Q11(Deamidated), Q12(Deamidated), M15(Oxidation),"Q10(Deamidated), Q11(Deamidated), M15(Oxidation)","Q10(Deamidated), Q12(Deamidated), M15(Oxidation)"	61	1.00E-05	1	2649.221	9.47	Larva	3R:+:13286008-13286070	exon=> In CDS Exon 3 of transcript AGAP008582-PA
JHU_Ag_114907	EGMINVHLVPHSHDDVGWLK	AGAP008582-PA	M3(Oxidation)	118	2.32E-11	1	2299.143	5.93	Larva	3R:+:13285736-13285795	exon=> In CDS Exon 2 of transcript AGAP008582-PA
JHU_Ag_4961	FNIQDVFR	AGAP008584-PA	-	50	9.71E-05	2	1038.538	0.86	Male reproductive organs	3R:+:13296977-13297000	exon=> In CDS Exon 7 of transcript AGAP008584-PA
JHU_Ag_6285	SSGAYIFRPNGTEK	AGAP008584-PA	N10(Deamidated)	63	8.32E-06	1	1527.750	3.97	Larva	3R:+:13296049-13296090	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_7397	LLHDDAFGVEEALNEK	AGAP008584-PA	-	126	3.36E-12	1	1799.885	2.12	Pupa	3R:+:13296529-13296576	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_10052	IGWQIDPFGHSR	AGAP008584-PA	-	39	0.001870092	1	1412.707	0.05	Male reproductive organs	3R:+:13294075-13294110	exon=> In CDS Exon 3 of transcript AGAP008584-PA
JHU_Ag_12606	LLHDDAFGVEEALNEK	AGAP008584-PA	-	134	5.02E-13	1	1799.891	5.24	Larva	3R:+:13296529-13296576	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_13837	VLLPNWLFFSDVGEVK	AGAP008584-PA	-	100	6.08E-10	1	1863.019	7.2	Larva	3R:+:13296685-13296732	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_14376	ISGNYYPVTAK	AGAP008584-PA	-	70	1.32E-06	2	1212.630	3.09	Larva	3R:+:13296391-13296423	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_15424	EAMGVMQHHDAITGTEK	AGAP008584-PA	M3(Oxidation), M6(Oxidation)	37	0.002086564	1	1886.840	1.54	Pupa	3R:+:13295260-13295310	exon=> In CDS Exon 5 of transcript AGAP008584-PA
JHU_Ag_21380	GKHWVVFGAK	AGAP008584-PA	-	50	9.92E-05	1	1128.633	1.53	Larva	3R:+:13296604-13296633	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_24053	AGVQYILDSVIQSLLSDPERK	AGAP008584-PA	-	56	1.81E-05	1	2331.254	-0.53	Ovary	3R:+:13293787-13293849	exon=> In CDS Exon 3 of transcript AGAP008584-PA
JHU_Ag_25105	IGWQIDPFGHSR	AGAP008584-PA	-	75	4.85E-07	1	1412.711	3.03	Larva	3R:+:13294075-13294110	exon=> In CDS Exon 3 of transcript AGAP008584-PA
JHU_Ag_32150	KPTSPTPEAR	AGAP008584-PA	-	47	0.00014834	2	1083.579	-0.3	Salivary gland	3R:+:13296634-13296663	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_33515	FNIQDVFR	AGAP008584-PA	-	62	6.00E-06	2	1038.540	2.74	Larva	3R:+:13296977-13297000	exon=> In CDS Exon 7 of transcript AGAP008584-PA
JHU_Ag_33708	AQGGSSLEDGSLELMVHR	AGAP008584-PA	M15(Oxidation)	55	5.20E-05	1	1901.903	0.44	Pupa	3R:+:13296472-13296525	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_33981	VYADESHVEFEWMVGPIPVEDGVGK	AGAP008584-PA	M13(Oxidation)	79	1.67E-07	1	2805.330	7.77	Larva	3R:+:13296187-13296261	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_35854	EAMGVMQHHDAITGTEK	AGAP008584-PA	M3(Oxidation), M6(Oxidation)	73	4.89E-07	1	1886.849	6	Larva	3R:+:13295260-13295310	exon=> In CDS Exon 5 of transcript AGAP008584-PA
JHU_Ag_38522	SDDFFPYASDPHSFWTGYYTSRPTSK	AGAP008584-PA	-	53	4.32E-05	1	3059.339	-2.94	Pupa	3R:+:13295077-13295154	exon=> In CDS Exon 5 of transcript AGAP008584-PA
JHU_Ag_40438	IGWQIDPFGHSR	AGAP008584-PA	-	62	9.49E-06	1	1412.709	1.22	Pupa	3R:+:13294075-13294110	exon=> In CDS Exon 3 of transcript AGAP008584-PA
JHU_Ag_47075	TNNILLTMGGDFTYMDANVYFK	AGAP008584-PA	M8(Oxidation), M15(Oxidation)	88	2.11E-08	2	2560.186	4.71	Larva	3R:+:13294816-13294881	exon=> In CDS Exon 4 of transcript AGAP008584-PA
JHU_Ag_48416	GKHWVVFGAK	AGAP008584-PA	-	67	2.29E-06	1	1128.630	-1.39	Pupa	3R:+:13296604-13296633	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_50034	LAVLNDR	AGAP008584-PA	-	37	0.002734507	1	800.466	3.89	Larva	3R:+:13296451-13296471	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_50448	AFGQGLVAR	AGAP008584-PA	-	54	4.18E-05	1	918.519	3.23	Larva	3R:+:13296577-13296603	exon=> In CDS Exon 6 of transcript AGAP008584-PA

JHU_Ag_53345	FYTAAQSSGVFWTDANGR	AGAP008584-PA	N16(Deamidated)	104	5.45E-10	2	1978.906	6.63	Larva	3R:+:13296277-13296330	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_57564	AFGQGLVAR	AGAP008584-PA	-	60	1.24E-05	1	918.515	-1.08	Pupa	3R:+:13296577-13296603	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_58277	ALHDVGITWPTK	AGAP008584-PA	-	75	2.65E-07	1	1337.722	0.61	Male reproductive organs	3R:+:13295041-13295076	exon=> In CDS Exon 5 of transcript AGAP008584-PA
JHU_Ag_61117	FEHLLEK	AGAP008584-PA	-	42	0.001059366	2	915.495	1.51	Larva	3R:+:13296923-13296943	exon=> In CDS Exon 7 of transcript AGAP008584-PA
JHU_Ag_62357	EQASLFAQMGYDGLFFGR	AGAP008584-PA	M9(Oxidation)	93	7.07E-09	1	2052.958	4.42	Larva	3R:+:13294111-13294164	exon=> In CDS Exon 3 of transcript AGAP008584-PA
JHU_Ag_63667	EMTLAANQLR	AGAP008584-PA	M2(Oxidation)	57	3.64E-05	2	1162.591	2.42	Larva	3R:+:13297025-13297054	exon=> In CDS Exon 7 of transcript AGAP008584-PA
JHU_Ag_72974	ALHDVGITWPTK	AGAP008584-PA	-	54	3.63E-05	1	1337.722	0.43	Larva	3R:+:13295041-13295076	exon=> In CDS Exon 5 of transcript AGAP008584-PA
JHU_Ag_74629	FNIQDVFR	AGAP008584-PA	-	47	0.000261545	2	1038.537	-0.2	Ovary	3R:+:13296977-13297000	exon=> In CDS Exon 7 of transcript AGAP008584-PA
JHU_Ag_77181	GGTVQEVHQVFSEWISQVVR	AGAP008584-PA	-	81	8.83E-08	1	2285.182	6.41	Larva	3R:+:13296127-13296186	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_80062	QFSIEEVR	AGAP008584-PA	-	65	6.15E-06	2	1007.516	0.6	Pupa	3R:+:13297001-13297024	exon=> In CDS Exon 7 of transcript AGAP008584-PA
JHU_Ag_80874	ISGNYYPVTAK	AGAP008584-PA	N4(Deamidated)	75	3.59E-07	2	1212.625	-0.84	Pupa	3R:+:13296391-13296423	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_86798	AQGGSSLEDGSLELMVHR	AGAP008584-PA	M15(Oxidation)	129	2.19E-12	1	1901.907	2.63	Larva	3R:+:13296472-13296525	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_89130	IALEDENLR	AGAP008584-PA	-	40	0.001483266	1	1072.567	3.56	Larva	3R:+:13296424-13296450	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_92748	AGVQYILDSVIQSLLSDPER	AGAP008584-PA	-	35	0.002139103	1	2203.172	5.28	Larva	3R:+:13293787-13293846	exon=> In CDS Exon 3 of transcript AGAP008584-PA
JHU_Ag_98333	FYTAAQSSGVFWTDANGR	AGAP008584-PA	N16(Deamidated)	131	9.57E-13	2	1978.893	0.21	Pupa	3R:+:13296277-13296330	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_98471	KNMLNVHLVPHTHDDVGWLK	AGAP008584-PA	M3(Oxidation)	76	3.27E-07	1	2369.226	3.3	Larva	3R:+:13293603-13293662	exon=> In CDS Exon 2 of transcript AGAP008584-PA
JHU_Ag_101121	RLLHDDAFGVEEALNEK	AGAP008584-PA	-	41	0.001348741	3	1955.988	2.89	Pupa	3R:+:13296526-13296576	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_102591	ISGNYYPVTAK	AGAP008584-PA	-	43	0.000647001	2	1212.625	-0.74	Male reproductive organs	3R:+:13296391-13296423	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_103277	DTWNVDLEEK	AGAP008584-PA	-	83	6.42E-08	1	1248.578	3.33	Larva	3R:+:13296361-13296390	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_108508	FNIQDVFR	AGAP008584-PA	-	60	9.90E-06	2	1038.537	0.51	Pupa	3R:+:13296977-13297000	exon=> In CDS Exon 7 of transcript AGAP008584-PA
JHU_Ag_110838	DTWNVDLEEK	AGAP008584-PA	-	54	5.09E-05	2	1248.576	1.32	Pupa	3R:+:13296361-13296390	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_116740	VLLPNWLFFSDVGEVK	AGAP008584-PA	-	73	4.26E-07	1	1863.011	3.33	Pupa	3R:+:13296685-13296732	exon=> In CDS Exon 6 of transcript AGAP008584-PA
JHU_Ag_53586	DLSMEYPPTPTSDSSER	AGAP008588-PA	M4(Oxidation)	31	0.005485042	2	1927.825	1.03	Head	3R:-:13333716-13333666	exon=> In CDS Exon 10 of transcript AGAP008588-PA
JHU_Ag_26071	EHSQNPLVIQINHCYLQELPNAIFIR	AGAP008593-PA	C14(Carbamidomethyl)	101	6.23E-10	1	3146.634	4.33	Malpighian tubule	3R:+:13451994-13452071	exon=> In CDS Exon 1 of transcript AGAP008593-PA
JHU_Ag_36301	NLLTTIEEGTLR	AGAP008593-PA	-	72	6.28E-07	2	1359.751	2.49	Salivary gland	3R:+:13452393-13452428	exon=> In CDS Exon 1 of transcript AGAP008593-PA
JHU_Ag_38968	SIDELSFQRYPGLVK	AGAP008593-PA	-	50	8.09E-05	1	1751.939	3.79	Malpighian tubule	3R:+:13452261-13452305	exon=> In CDS Exon 1 of transcript AGAP008593-PA
JHU_Ag_61284	GLNKLTHVAFHHNR	AGAP008593-PA	-	53	5.46E-05	1	1643.893	3.31	Malpighian tubule	3R:+:13452429-13452470	exon=> In CDS Exon 1 of transcript AGAP008593-PA

JHU_Ag_64764	DIVVVEPPAKPSPDEMEFQR	AGAP008593-PA	M16(Oxidation)	47	0.000249872	1	2283.146	5.95	Malpighian tubule	3R:+:13453327-13453374,13453454-13453465	exon=> In CDS Exon 2 and 3 of transcript AGAP008593-PA
JHU_Ag_69788	FLVQELAHHSSSVIYGK	AGAP008593-PA	-	62	7.97E-06	1	1915.004	-1.94	Malpighian tubule	3R:+:13453198-13453248	exon=> In CDS Exon 2 of transcript AGAP008593-PA
JHU_Ag_103156	NLLTTIEEGTLR	AGAP008593-PA	-	70	1.14E-06	2	1359.755	5	Malpighian tubule	3R:+:13452393-13452428	exon=> In CDS Exon 1 of transcript AGAP008593-PA
JHU_Ag_112313	VLQLQGNQLGSFEPDLFGNLPR	AGAP008593-PA	-	90	8.06E-09	1	2442.298	8.37	Malpighian tubule	3R:+:13452519-13452584	exon=> In CDS Exon 1 of transcript AGAP008593-PA
JHU_Ag_116481	TIHPFAFVGNGHLK	AGAP008593-PA	-	44	0.000321605	1	1537.834	3.98	Malpighian tubule	3R:+:13452477-13452518	exon=> In CDS Exon 1 of transcript AGAP008593-PA
JHU_Ag_3858	ILPADSYTSTDPAVPVK	AGAP008596-PA	-	99	1.58E-09	1	1773.931	2.24	Head	3R:-:13478912-13478862	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_5330	GTLLHTLQEAKPTR	AGAP008596-PA	-	75	1.18E-07	1	1564.883	1.42	Head	3R:-:13470480-13470439	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_6076	AQIVVVDDAK	AGAP008596-PA	-	60	1.17E-05	2	1057.592	3.4	Malpighian tubule	3R:-:13478407-13478378	exon=> In CDS Exon 2 of transcript AGAP008596-PA
JHU_Ag_9624	HVLMGYIGEEGK	AGAP008596-PA	M4(Oxidation)	48	0.000258074	2	1348.649	-5.49	Head	3R:-:13469909-13469874	exon=> In CDS Exon 5 of transcript AGAP008596-PA
JHU_Ag_10885	NELPYVSNAFLVGDK	AGAP008596-PA	-	79	1.74E-07	1	1665.851	1.53	Visceras	3R:-:13469638-13469594	exon=> In CDS Exon 6 of transcript AGAP008596-PA
JHU_Ag_22278	SVTLQHHLDAMEGKPTNSWQYR	AGAP008596-PA	M11(Oxidation)	108	2.43E-10	1	2598.269	6.66	Malpighian tubule	3R:-:13470336-13470699,13469778-13470201	exon=> In CDS Exon 5 and 4 of transcript AGAP008596-PA
JHU_Ag_22417	EGLASLDPLSVPDLMNR	AGAP008596-PA	M15(Oxidation)	62	1.03E-05	2	1842.935	4.43	Larva	3R:-:13478846-13478796	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_24306	MLAIGAQSGAAK	AGAP008596-PA	M1(Oxidation)	53	7.75E-05	1	1133.602	2.84	Larva	3R:-:13470396-13470361	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_24650	GVMLSHDNFTWDSYAIGK	AGAP008596-PA	M3(Oxidation)	60	1.14E-05	1	2056.951	3.5	Larva	3R:-:13470675-13470622	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_25717	KLVAGWAK	AGAP008596-PA	-	46	0.000127076	1	872.537	2.27	Larva	3R:-:13470360-13470337	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_30337	EGLASLDPLSVPDLMNR	AGAP008596-PA	M15(Oxidation)	103	7.39E-10	1	1842.931	2.38	Head	3R:-:13478846-13478796	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_38308	NYILSK	AGAP008596-PA	-	41	0.000562421	1	737.420	1.6	Larva	3R:-:13470191-13470174	exon=> In CDS Exon 5 of transcript AGAP008596-PA
JHU_Ag_39041	EGLASLDPLSVPDLMNR	AGAP008596-PA	M15(Oxidation)	74	5.68E-07	2	1842.926	-0.27	Midgut	3R:-:13478846-13478796	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_40588	IDKPDER	AGAP008596-PA	-	34	0.002827044	2	872.446	-1.49	Head	3R:-:13469960-13469940	exon=> In CDS Exon 5 of transcript AGAP008596-PA
JHU_Ag_45615	TQMNLDSGEPKDELTPETIAALK	AGAP008596-PA	M3(Oxidation)	54	6.02E-05	1	2517.259	8.11	Visceras	3R:-:13469560-13469492	exon=> In CDS Exon 6 of transcript AGAP008596-PA
JHU_Ag_45891	TVIQTMPPYAPYVK	AGAP008596-PA	M6(Oxidation)	40	0.001401438	1	1623.846	0.37	Salivary gland	3R:-:13478329-13478288	exon=> In CDS Exon 2 of transcript AGAP008596-PA
JHU_Ag_53972	LSEIHAAGPCPK	AGAP008596-PA	C10(Carbamidomethyl)	60	1.70E-05	1	1279.647	0.39	Visceras	3R:-:13469467-13469432	exon=> In CDS Exon 6 of transcript AGAP008596-PA
JHU_Ag_54388	ALQEGIDRANQK	AGAP008596-PA	-	78	1.52E-07	1	1342.711	2.75	Malpighian tubule	3R:-:13469305-13469270	exon=> In CDS Exon 7 of transcript AGAP008596-PA
JHU_Ag_54597	MLAIGAQSGAAK	AGAP008596-PA	M1(Oxidation)	50	0.000144298	2	1133.602	3.16	Malpighian tubule	3R:-:13470396-13470361	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_57740	SVTLQHHLDAMEGKPTNSWQYR	AGAP008596-PA	M11(Oxidation)	107	3.00E-10	1	2614.257	3.83	Larva	3R:-:13470336-13470699,13469778-13470201	exon=> In CDS Exon 5 and 4 of transcript AGAP008596-PA
JHU_Ag_59697	ILPADSYTSTDPAVPVK	AGAP008596-PA	-	83	6.61E-08	1	1773.928	0.59	Visceras	3R:-:13478912-13478862	exon=> In CDS Exon 1 of transcript AGAP008596-PA

JHU_Ag_60586	ILPADSYTSTDPAVPVK	AGAP008596-PA	-	37	0.002587647	2	1773.929	1.35	Ovary	3R:-:13478912-13478862	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_61513	WSELEEMNVDDVEEEFNRR	AGAP008596-PA	-	57	1.32E-05	1	2426.057	0.22	Visceras	3R:-:13470895-13470839	exon=> In CDS Exon 3 of transcript AGAP008596-PA
JHU_Ag_65232	RDDGFYR	AGAP008596-PA	-	33	0.003280047	1	928.430	3.33	Malpighian tubule	3R:-:13478287-13478267	exon=> In CDS Exon 2 of transcript AGAP008596-PA
JHU_Ag_68276	ILPADSYTSTDPAVPVK	AGAP008596-PA	-	51	0.000111713	2	1773.939	6.58	Malpighian tubule	3R:-:13478912-13478862	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_72778	GTLLHTLQEAKPTR	AGAP008596-PA	-	99	4.34E-10	1	1564.887	4.31	Larva	3R:-:13470480-13470439	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_74022	NELPYVSNAFLVGDKR	AGAP008596-PA	-	45	0.000390666	2	1821.954	2.31	Visceras	3R:-:13469638-13469591	exon=> In CDS Exon 6 of transcript AGAP008596-PA
JHU_Ag_74316	FLTMLITLK	AGAP008596-PA	M4(Oxidation)	39	0.000184643	2	1079.656	2.48	Malpighian tubule	3R:-:13469587-13469561	exon=> In CDS Exon 6 of transcript AGAP008596-PA
JHU_Ag_74324	VKDALGFSR	AGAP008596-PA	-	37	0.002351288	1	992.555	2.83	Malpighian tubule	3R:-:13470173-13470147	exon=> In CDS Exon 5 of transcript AGAP008596-PA
JHU_Ag_78940	ALQEGIDR	AGAP008596-PA	-	33	0.007542483	2	901.474	0.45	Head	3R:-:13469305-13469282	exon=> In CDS Exon 7 of transcript AGAP008596-PA
JHU_Ag_79136	TVRDHPDHPAMVFR	AGAP008596-PA	M11(Oxidation)	46	0.000433907	1	1677.833	2.76	Malpighian tubule	3R:-:13478795-13478754	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_79519	EGLASLDPLSVPDLMNR	AGAP008596-PA	M15(Oxidation)	73	6.96E-07	2	1842.931	2.38	Salivary gland	3R:-:13478846-13478796	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_79930	LSEIHAAGPCPK	AGAP008596-PA	C10(Carbamidomethyl)	63	7.30E-06	1	1279.643	-2.28	Head	3R:-:13469467-13469432	exon=> In CDS Exon 6 of transcript AGAP008596-PA
JHU_Ag_80192	ILPADSYTSTDPAVPVK	AGAP008596-PA	-	49	0.000164471	2	1773.936	5.13	Salivary gland	3R:-:13478912-13478862	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_80207	IKELIITAGGENIPPVHVENLVK	AGAP008596-PA	-	57	2.78E-06	1	2483.427	1.54	Visceras	3R:-:13469783-13470228,13469369-13469639	exon=> In CDS Exon 6 and 5 of transcript AGAP008596-PA
JHU_Ag_81287	GVMLSHDNFTWDSYAIGKR	AGAP008596-PA	M3(Oxidation)	92	9.30E-09	1	2213.056	5.06	Malpighian tubule	3R:-:13470675-13470619	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_81950	TVIQTMPPYAPYVK	AGAP008596-PA	M6(Oxidation)	75	3.72E-07	1	1623.854	5.33	Malpighian tubule	3R:-:13478329-13478288	exon=> In CDS Exon 2 of transcript AGAP008596-PA
JHU_Ag_83246	AQIVVVDDAKQMEK	AGAP008596-PA	M12(Oxidation)	55	5.09E-05	1	1589.825	2.88	Malpighian tubule	3R:-:13478407-13478366	exon=> In CDS Exon 2 of transcript AGAP008596-PA
JHU_Ag_86489	NELPYVSNAFLVGDK	AGAP008596-PA	-	71	1.15E-06	2	1665.859	6.36	Head	3R:-:13469638-13469594	exon=> In CDS Exon 6 of transcript AGAP008596-PA
JHU_Ag_88171	TVIQTMPPYAPYVK	AGAP008596-PA	M6(Oxidation)	68	1.71E-06	1	1623.849	2.55	Larva	3R:-:13478329-13478288	exon=> In CDS Exon 2 of transcript AGAP008596-PA
JHU_Ag_90496	EGLASLDPLSVPDLMNR	AGAP008596-PA	M15(Oxidation)	84	6.25E-08	1	1842.942	8.34	Malpighian tubule	3R:-:13478846-13478796	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_94710	EGLASLDPLSVPDLMNR	AGAP008596-PA	M15(Oxidation)	82	1.02E-07	1	1842.929	1.52	Visceras	3R:-:13478846-13478796	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_100963	KLVAGWAK	AGAP008596-PA	-	43	0.000257867	1	872.538	2.9	Malpighian tubule	3R:-:13470360-13470337	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_109055	GTLLHTLQEAKPTR	AGAP008596-PA	-	75	1.16E-07	1	1564.885	2.82	Malpighian tubule	3R:-:13470480-13470439	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_111474	ILPADSYTSTDPAVPVK	AGAP008596-PA	-	62	7.93E-06	2	1773.927	-0.03	Midgut	3R:-:13478912-13478862	exon=> In CDS Exon 1 of transcript AGAP008596-PA
JHU_Ag_111759	GTLLHTLQEAKPTR	AGAP008596-PA	-	63	1.91E-06	1	1564.876	-3.26	Visceras	3R:-:13470480-13470439	exon=> In CDS Exon 4 of transcript AGAP008596-PA
JHU_Ag_113658	SDFSVPGGELGPTLK	AGAP008596-PA	-	51	0.000120916	1	1503.777	5.07	Malpighian tubule	3R:-:13469224-13469314,13469012-13469072	exon=> In CDS Exon 8 and 7 of transcript AGAP008596-PA
JHU_Ag_114036	AQIVVVDDAK	AGAP008596-PA	-	36	0.003813189	2	1057.589	-0.06	Visceras	3R:-:13478407-13478378	exon=> In CDS Exon 2 of transcript AGAP008596-PA

JHU_Ag_2442	ALKEEAPQDALK	AGAP008598-PA	-	37	0.001822937	1	1312.715	3.32	Larva	3R:-:13496245-13496210	exon=> In CDS Exon 2 of transcript AGAP008598-PA
JHU_Ag_20782	LYFDRNDFGK	AGAP008598-PA	-	37	0.003251092	1	1274.619	2.14	Ovary	3R:-:13495807-13495778	exon=> In CDS Exon 3 of transcript AGAP008598-PA
JHU_Ag_22669	LATQINSVQAAIINK	AGAP008598-PA	-	111	3.09E-11	1	1583.910	-0.88	Male reproductive organs	3R:-:13494930-13494886	exon=> In CDS Exon 4 of transcript AGAP008598-PA
JHU_Ag_27926	LATQINSVQAAIINK	AGAP008598-PA	-	116	9.64E-12	1	1583.917	3.13	Ovary	3R:-:13494930-13494886	exon=> In CDS Exon 4 of transcript AGAP008598-PA
JHU_Ag_37942	YKQLLTYIK	AGAP008598-PA	-	39	0.000404639	1	1169.695	2.21	Ovary	3R:-:13496089-13496063	exon=> In CDS Exon 2 of transcript AGAP008598-PA
JHU_Ag_38829	IDQVNQVLELNK	AGAP008598-PA	-	64	3.36E-06	2	1412.778	2.87	Male reproductive organs	3R:-:13495005-13494970	exon=> In CDS Exon 4 of transcript AGAP008598-PA
JHU_Ag_61551	IDQVNQVLELNK	AGAP008598-PA	Q6(Deamidated)	92	5.70E-09	1	1412.779	3.39	Ovary	3R:-:13495005-13494970	exon=> In CDS Exon 4 of transcript AGAP008598-PA
JHU_Ag_75842	AHTDFFEAFK	AGAP008598-PA	-	52	7.41E-05	1	1212.565	-2.51	Head	3R:-:13495519-13495490	exon=> In CDS Exon 3 of transcript AGAP008598-PA
JHU_Ag_113047	SINSILDYISTSK	AGAP008598-PA	-	64	3.46E-06	2	1440.763	3.31	Ovary	3R:-:13496032-13495994	exon=> In CDS Exon 2 of transcript AGAP008598-PA
JHU_Ag_6581	TLAFLIPAVELIHKLR	AGAP008601-PA	-	42	2.67E-05	1	1834.142	5.59	Malpighian tubule	3R:-:13504103-13504056	exon=> In CDS Exon 3 of transcript AGAP008601-PA
JHU_Ag_11659	DVFNIANLDLVQVAK	AGAP008601-PA	-	52	4.47E-05	2	1658.913	1.04	Salivary gland	3R:-:13502869-13502825	exon=> In CDS Exon 5 of transcript AGAP008601-PA
JHU_Ag_16335	GLDIPAVDWIVQYDPPNDTKEYIHR	AGAP008601-PA	-	53	6.35E-05	1	2954.478	3.22	Malpighian tubule	3R:-:13503196-13503122	exon=> In CDS Exon 5 of transcript AGAP008601-PA
JHU_Ag_19607	TLAFLIPAVELIHK	AGAP008601-PA	-	38	0.000113478	1	1564.954	4.8	Salivary gland	3R:-:13504103-13504062	exon=> In CDS Exon 3 of transcript AGAP008601-PA
JHU_Ag_25401	LLDHLK	AGAP008601-PA	-	33	0.001562497	2	738.451	0.38	Ovary	3R:-:13503857-13503840	exon=> In CDS Exon 3 of transcript AGAP008601-PA
JHU_Ag_39034	VPLNEFEFSWSK	AGAP008601-PA	-	41	0.001174497	1	1482.731	3.26	Salivary gland	3R:-:13503022-13502987	exon=> In CDS Exon 5 of transcript AGAP008601-PA
JHU_Ag_41113	LLVLFTFLK	AGAP008601-PA	-	34	0.000169127	2	1093.712	8.74	Salivary gland	3R:-:13503491-13503465	exon=> In CDS Exon 4 of transcript AGAP008601-PA
JHU_Ag_46456	DVFNIANLDLVQVAK	AGAP008601-PA	-	49	8.79E-05	2	1658.913	0.75	Ovary	3R:-:13502869-13502825	exon=> In CDS Exon 5 of transcript AGAP008601-PA
JHU_Ag_66284	LLVLFTFLK	AGAP008601-PA	-	46	1.16E-05	2	1093.707	4.62	Ovary	3R:-:13503491-13503465	exon=> In CDS Exon 4 of transcript AGAP008601-PA
JHU_Ag_68876	SEPIYVGVDDNKK	AGAP008601-PA	-	61	1.28E-05	2	1463.745	4.84	Malpighian tubule	3R:-:13503587-13503549	exon=> In CDS Exon 4 of transcript AGAP008601-PA
JHU_Ag_74759	NFGFTQPPYVDFGK	AGAP008601-PA	-	61	1.27E-05	2	1616.784	6.06	Malpighian tubule	3R:-:13502824-13502783	exon=> In CDS Exon 5 of transcript AGAP008601-PA
JHU_Ag_75976	EATVTGLEQGYIVCPSER	AGAP008601-PA	C14(Carbamidomethyl)	81	1.40E-07	1	2008.966	0.61	Ovary	3R:-:13503548-13503495	exon=> In CDS Exon 4 of transcript AGAP008601-PA
JHU_Ag_76393	LLVLFTFLKK	AGAP008601-PA	-	33	0.0001148	1	1221.805	6.23	Malpighian tubule	3R:-:13503491-13503462	exon=> In CDS Exon 4 of transcript AGAP008601-PA
JHU_Ag_83790	TLAFLIPAVELIHK	AGAP008601-PA	-	37	0.000169469	1	1564.947	0.63	Ovary	3R:-:13504103-13504062	exon=> In CDS Exon 3 of transcript AGAP008601-PA
JHU_Ag_87815	VPLNEFEFSWSK	AGAP008601-PA	-	60	1.29E-05	2	1482.728	1.03	Ovary	3R:-:13503022-13502987	exon=> In CDS Exon 5 of transcript AGAP008601-PA
JHU_Ag_92922	NGHASVEDLEENYEAEEATPK	AGAP008601-PA	-	56	2.16E-05	1	2332.031	4.12	Malpighian tubule	3R:-:13504757-13504811,13504508-13504584	exon=> In CDS Exon 2 and 1 of transcript AGAP008601-PA
JHU_Ag_102862	TLAFLIPAVELIHK	AGAP008601-PA	-	44	2.08E-05	1	1564.958	7.5	Malpighian tubule	3R:-:13504103-13504062	exon=> In CDS Exon 3 of transcript AGAP008601-PA
JHU_Ag_111314	VPLNEFEFSWSK	AGAP008601-PA	-	68	2.20E-06	2	1482.736	6.71	Malpighian tubule	3R:-:13503022-13502987	exon=> In CDS Exon 5 of transcript AGAP008601-PA

JHU_Ag_114768	NFGFTQPPYVDFGK	AGAP008601-PA	-	93	6.68E-09	1	1616.776	0.85	Ovary	3R:-:13502824-13502783	exon=> In CDS Exon 5 of transcript AGAP008601-PA
JHU_Ag_116748	TLAFLIPAVELIHK	AGAP008601-PA	-	32	0.000498988	3	1564.945	-0.94	Midgut	3R:-:13504103-13504062	exon=> In CDS Exon 3 of transcript AGAP008601-PA
JHU_Ag_14871	GITAFLVDFDSGALAGVHR	AGAP008602-PA	-	57	2.13E-05	1	1946.026	6.53	Malpighian tubule	3R:+:13507818-13507874	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_20275	ITEIYGGVTDVQK	AGAP008602-PA	-	80	1.25E-07	1	1422.751	2.45	Salivary gland	3R:+:13508361-13508399	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_34154	ITEIYGGVTDVQK	AGAP008602-PA	-	105	3.84E-10	1	1422.749	0.73	Malpighian tubule	3R:+:13508361-13508399	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_34236	GITAFLVDFDSGALAGVHR	AGAP008602-PA	-	70	1.35E-06	1	1946.014	0.51	Ovary	3R:+:13507818-13507874	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_36647	ITEIYGGVTDVQK	AGAP008602-PA	-	51	8.18E-05	2	1422.753	3.56	Male reproductive organs	3R:+:13508361-13508399	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_71583	IGIASQAIGIGQAALETAVEYAK	AGAP008602-PA	-	66	2.36E-06	1	2274.229	-2.23	Midgut	3R:+:13508019-13508087	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_95635	GRPEDKLGIR	AGAP008602-PA	-	32	0.003787841	1	1140.648	-0.73	Malpighian tubule	3R:+:13507875-13507904	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_97787	TAFGGTLIDLPAVR	AGAP008602-PA	-	45	0.000265336	2	1430.805	3.29	Malpighian tubule	3R:+:13508094-13508135	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_103823	TAFGGTLIDLPAVR	AGAP008602-PA	-	54	2.68E-05	2	1430.801	0.47	Midgut	3R:+:13508094-13508135	exon=> In CDS Exon 1 of transcript AGAP008602-PA
JHU_Ag_58	EAVKEQGDLVR	AGAP008604-PA	-	76	3.30E-07	1	1243.665	0.84	Visceras	3R:-:13511889-13512003,13510094-13511760	exon=> In CDS Exon 2 and 1 of transcript AGAP008604-PA
JHU_Ag_153	LPFAAAQIGNSFR	AGAP008604-PA	-	63	5.76E-06	1	1391.742	-0.7	Midgut	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_1664	TDEIAIPYGITIDFDTLKEPHTVTLR	AGAP008604-PA	-	65	2.14E-06	1	2958.549	1.17	Visceras	3R:-:13509935-13509858	exon=> In CDS Exon 3 of transcript AGAP008604-PA
JHU_Ag_3154	TIEVTEVVPNKAAIGK	AGAP008604-PA	-	65	7.35E-07	2	1668.962	5.35	Malpighian tubule	3R:-:13510526-13510479	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_5235	DATAELKDECADIVIK	AGAP008604-PA	C10(Carbamidomethyl)	97	3.27E-09	1	1790.885	0.71	Visceras	3R:-:13511309-13511262	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_6429	VLEDRELSLAPQVASFDR	AGAP008604-PA	-	64	4.39E-06	1	2045.077	5.11	Malpighian tubule	3R:-:13511687-13511634	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_6732	IGLDEVANTIR	AGAP008604-PA	-	107	2.48E-10	2	1200.658	0.03	Pupa	3R:-:13509830-13510012,13509639-13509723	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_10784	GFLRPETAQGIFVNFK	AGAP008604-PA	-	58	1.22E-05	1	1823.988	3.92	Pupa	3R:-:13511117-13511070	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_10986	ELSLAPQVASFDR	AGAP008604-PA	-	75	4.92E-07	1	1432.748	3.37	Head	3R:-:13511672-13511634	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_11021	IGLDEVANTIRDLATGR	AGAP008604-PA	-	123	4.11E-12	1	1813.986	4.96	Malpighian tubule	3R:-:13509830-13510012,13509639-13509705	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_11083	ELSLAPQVASFDR	AGAP008604-PA	-	45	0.000490285	2	1432.746	2.26	Salivary gland	3R:-:13511672-13511634	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_13465	LPFAAAQIGNSFR	AGAP008604-PA	-	81	9.44E-08	2	1391.746	2.02	Pupa	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_14642	TIEVTEVVPNK	AGAP008604-PA	-	39	0.001203111	2	1228.680	1.09	Head	3R:-:13510526-13510494	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_14676	SAYDLTQHTNATGVK	AGAP008604-PA	-	115	5.40E-11	1	1605.787	0.01	Visceras	3R:-:13510604-13510560	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_15486	KISSALTSVDVSHK	AGAP008604-PA	-	50	8.51E-05	1	1471.814	1.73	Head	3R:-:13510100-13511774,13509825-13509978	exon=> In CDS Exon 3 and 2 of transcript AGAP008604-PA

JHU_Ag_15854	IGLDEVANTIR	AGAP008604-PA	-	92	8.41E-09	2	1200.659	0.84	Visceras	3R:-:13509830-13510012,13509639-13509723	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_16747	SNMINTWR	AGAP008604-PA	M3(Oxidation)	52	8.65E-05	2	1037.486	2.58	Malpighian tubule	3R:-:13511522-13511499	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_17274	MREGDEQR	AGAP008604-PA	M1(Oxidation)	29	0.006822916	1	1036.445	-2.14	Head	3R:-:13510214-13510191	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_18210	LLEFNQGR	AGAP008604-PA	-	42	0.000803076	1	976.523	2	Salivary gland	3R:-:13511066-13511043	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_20168	IMYSLLEHSFR	AGAP008604-PA	M2(Oxidation)	52	8.62E-05	2	1411.702	-1.12	Midgut	3R:-:13510247-13510215	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_20804	LPFAAAQIGNSFR	AGAP008604-PA	-	80	1.22E-07	1	1391.748	3.25	Head	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_21533	AVNELKAR	AGAP008604-PA	-	48	0.000169447	1	900.529	3.23	Malpighian tubule	3R:-:13511717-13511694	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_21547	LSLGEVETIGK	AGAP008604-PA	-	78	1.73E-07	1	1145.646	3.94	Malpighian tubule	3R:-:13510433-13510401	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_21601	GFLRPETAQGIFVNFK	AGAP008604-PA	-	87	1.42E-08	1	1823.985	2.51	Malpighian tubule	3R:-:13511117-13511070	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_21671	ISSALTSVDVSHKVDDSSGSIGR	AGAP008604-PA	-	140	1.20E-13	1	2317.180	7.17	Malpighian tubule	3R:-:13510097-13511774,13509825-13509948	exon=> In CDS Exon 3 and 2 of transcript AGAP008604-PA
JHU_Ag_23362	GFLRPETAQGIFVNFK	AGAP008604-PA	-	108	1.20E-10	1	1823.988	4.03	Visceras	3R:-:13511117-13511070	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_23515	SLGDSGEHLLAVNGTDVK	AGAP008604-PA	-	95	4.11E-09	2	1811.925	6.35	Ovary	3R:-:13510400-13510347	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_23518	LLEFNQGR	AGAP008604-PA	-	36	0.003821979	2	976.521	0.32	Visceras	3R:-:13511066-13511043	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_26600	GFLRPETAQGIFVNFK	AGAP008604-PA	-	63	3.17E-06	2	1823.986	3.29	Salivary gland	3R:-:13511117-13511070	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_28846	SEGAPEIDVKK	AGAP008604-PA	-	32	0.009486805	1	1172.617	0.86	Head	3R:-:13511750-13511718	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_29131	LPFAAAQIGNSFR	AGAP008604-PA	-	79	1.53E-07	1	1391.746	2.37	Male reproductive organs	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_29271	TDEIAIPYGITIDFDTLKEPHTVTLR	AGAP008604-PA	-	38	0.001262717	1	2958.547	0.18	Pupa	3R:-:13509935-13509858	exon=> In CDS Exon 3 of transcript AGAP008604-PA
JHU_Ag_29750	ISSALTSVDVSHK	AGAP008604-PA	-	111	1.02E-10	1	1343.718	0.93	Head	3R:-:13510097-13511774,13509825-13509978	exon=> In CDS Exon 3 and 2 of transcript AGAP008604-PA
JHU_Ag_29989	FEQQEASAK	AGAP008604-PA	-	44	0.000545307	2	1037.494	4.29	Ovary	3R:-:13509668-13509642	exon=> In CDS Exon 4 of transcript AGAP008604-PA
JHU_Ag_30268	IGILPER	AGAP008604-PA	-	26	0.006873312	1	797.490	2.24	Head	3R:-:13510739-13510719	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_30804	NGECFR	AGAP008604-PA	N1(Deamidated), C4(Carbamidomethyl)	41	0.000164983	2	783.310	1.11	Head	3R:-:13511375-13511358	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_31111	TVHVEEITPSVIEPSFGIGR	AGAP008604-PA	-	95	2.69E-09	1	2167.143	1.57	Visceras	3R:-:13510307-13510248	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_32478	LTNDLIAVK	AGAP008604-PA	-	64	2.89E-06	2	986.590	2.04	Salivary gland	3R:-:13510346-13510320	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_33340	TVHVEEITPSVIEPSFGIGR	AGAP008604-PA	-	118	1.45E-11	1	2167.139	-0.23	Male reproductive organs	3R:-:13510307-13510248	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_33940	LPFAAAQIGNSFRNEISPR	AGAP008604-PA	-	69	1.20E-06	1	2088.104	2.57	Malpighian tubule	3R:-:13511042-13510986	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_34232	SLGDSGEHLLAVNGTDVKLTNDLIAVK	AGAP008604-PA	N13(Deamidated)	173	2.02E-17	1	2779.500	5.9	Malpighian tubule	3R:-:13510400-13510320	exon=> In CDS Exon 2 of transcript AGAP008604-PA

JHU_Ag_35309	EAVKEQGDLVR	AGAP008604-PA	-	77	2.95E-07	1	1243.666	1.63	Head	3R:-:13511889-13512003,13510094-13511760	exon=> In CDS Exon 2 and 1 of transcript AGAP008604-PA
JHU_Ag_40495	LLEFNQGR	AGAP008604-PA	-	43	0.000677262	2	976.522	1	Head	3R:-:13511066-13511043	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_43125	IGLDEVANTIR	AGAP008604-PA	-	77	2.57E-07	2	1200.662	3.38	Ovary	3R:-:13509830-13510012,13509639-13509723	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_45342	TVHVEEITPSVIEPSFGIGR	AGAP008604-PA	-	111	6.01E-11	1	2167.141	0.56	Midgut	3R:-:13510307-13510248	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_46694	IGILPER	AGAP008604-PA	-	37	0.000418006	1	797.490	2.69	Malpighian tubule	3R:-:13510739-13510719	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_48389	TIEVTEVVPNK	AGAP008604-PA	-	74	4.56E-07	2	1228.683	3.57	Malpighian tubule	3R:-:13510526-13510494	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_50197	SAYDLTQHTNATGVK	AGAP008604-PA	-	114	6.15E-11	1	1605.793	4.04	Head	3R:-:13510604-13510560	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_52539	ELSLAPQVASFDR	AGAP008604-PA	-	49	0.00019391	2	1432.750	4.91	Malpighian tubule	3R:-:13511672-13511634	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_53277	LPFAAAQIGNSFR	AGAP008604-PA	-	105	3.88E-10	1	1391.749	3.95	Ovary	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_53522	IGILPER	AGAP008604-PA	-	25	0.008109113	1	797.488	0.09	Midgut	3R:-:13510739-13510719	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_55875	DATAELKDECADIVIK	AGAP008604-PA	C10(Carbamidomethyl)	115	5.09E-11	1	1790.890	3.23	Head	3R:-:13511309-13511262	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_56799	LPFAAAQIGNSFR	AGAP008604-PA	-	74	4.22E-07	1	1391.748	3.43	Malpighian tubule	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_58358	LTNDLIAVK	AGAP008604-PA	-	54	3.07E-05	1	986.587	-0.8	Malpighian tubule	3R:-:13510346-13510320	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_59637	IGDAVASGLVANETLGYFMAR	AGAP008604-PA	M19(Oxidation)	143	6.33E-14	1	2171.090	4.55	Malpighian tubule	3R:-:13510823-13510761	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_60195	ELSLAPQVASFDR	AGAP008604-PA	-	50	0.000156354	1	1432.743	0.05	Male reproductive organs	3R:-:13511672-13511634	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_60371	SAYDLTQHTNATGVK	AGAP008604-PA	-	99	2.24E-09	1	1605.794	4.65	Malpighian tubule	3R:-:13510604-13510560	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_60738	SLGDSGEHLLAVNGTDVK	AGAP008604-PA	-	117	2.71E-11	1	1811.920	3.59	Visceras	3R:-:13510400-13510347	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_62481	LLEFNQGRLPFAAAQIGNSFR	AGAP008604-PA	-	118	1.17E-11	1	2349.259	5.49	Malpighian tubule	3R:-:13511066-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_63289	LTNDLIAVK	AGAP008604-PA	-	59	1.01E-05	2	986.592	3.65	Ovary	3R:-:13510346-13510320	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_66724	LSLGEVETIGK	AGAP008604-PA	-	39	0.001673569	1	1145.644	2.61	Head	3R:-:13510433-13510401	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_70631	GFLRPETAQGIFVNFKR	AGAP008604-PA	-	90	4.99E-09	1	1980.092	5.16	Malpighian tubule	3R:-:13511117-13511067	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_71264	IMYSLLEHSFR	AGAP008604-PA	M2(Oxidation)	75	4.48E-07	1	1411.710	4.16	Malpighian tubule	3R:-:13510247-13510215	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_71824	TSWAEVEQKYPR	AGAP008604-PA	-	90	1.66E-08	1	1493.742	2.59	Malpighian tubule	3R:-:13509704-13509669	exon=> In CDS Exon 4 of transcript AGAP008604-PA
JHU_Ag_72325	LLEFNQGRLPFAAAQIGNSFR	AGAP008604-PA	-	39	0.000986975	1	2349.257	4.33	Ovary	3R:-:13511066-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_75470	IGLDEVANTIR	AGAP008604-PA	-	100	1.27E-09	2	1200.664	4.8	Malpighian tubule	3R:-:13509830-13510012,13509639-13509723	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_78062	LPFAAAQIGNSFR	AGAP008604-PA	-	76	3.29E-07	1	1391.745	1.67	Salivary gland	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA

JHU_Ag_82426	ASGHVDRFADLMTK	AGAP008604-PA	M12(Oxidation)	68	2.88E-06	1	1563.764	3.34	Malpighian tubule	3R:-:13511426-13511385	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_86149	IGILPERLR	AGAP008604-PA	-	46	3.05E-05	1	1066.677	3.95	Malpighian tubule	3R:-:13510739-13510713	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_86531	ELSLAPQVASFDR	AGAP008604-PA	-	63	8.19E-06	1	1432.746	1.67	Visceras	3R:-:13511672-13511634	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_87826	LSLGEVETIGK	AGAP008604-PA	-	37	0.001960757	2	1145.646	4.47	Ovary	3R:-:13510433-13510401	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_87981	IMYSLLEHSFR	AGAP008604-PA	M2(Oxidation)	66	3.91E-06	1	1411.705	0.49	Salivary gland	3R:-:13510247-13510215	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_89654	IGILPER	AGAP008604-PA	-	35	0.000755381	2	797.489	1.09	Salivary gland	3R:-:13510739-13510719	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_90193	GFLRPETAQGIFVNFK	AGAP008604-PA	-	87	1.30E-08	1	1823.979	-0.8	Male reproductive organs	3R:-:13511117-13511070	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_90378	TDEIAIPYGITIDFDTLKEPHTVTLR	AGAP008604-PA	-	70	6.53E-07	1	2958.560	4.63	Head	3R:-:13509935-13509858	exon=> In CDS Exon 3 of transcript AGAP008604-PA
JHU_Ag_91503	SLGDSGEHLLAVNGTDVK	AGAP008604-PA	N13(Deamidated)	105	4.55E-10	1	1811.920	3.86	Head	3R:-:13510400-13510347	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_92782	TDEIAIPYGITIDFDTLKEPHTVTLR	AGAP008604-PA	-	44	0.000268159	1	2958.563	5.71	Malpighian tubule	3R:-:13509935-13509858	exon=> In CDS Exon 3 of transcript AGAP008604-PA
JHU_Ag_93599	TSWAEVEQKYPR	AGAP008604-PA	-	93	7.37E-09	1	1493.744	3.81	Head	3R:-:13509704-13509669	exon=> In CDS Exon 4 of transcript AGAP008604-PA
JHU_Ag_94143	LSLGEVETIGK	AGAP008604-PA	-	80	1.36E-07	2	1145.640	-0.86	Male reproductive organs	3R:-:13510433-13510401	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_95068	IGDAVASGLVANETLGYFMAR	AGAP008604-PA	M19(Oxidation)	124	5.50E-12	2	2171.082	0.73	Midgut	3R:-:13510823-13510761	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_96265	TDEIAIPYGITIDFDTLKEPHTVTLR	AGAP008604-PA	-	34	0.002566292	1	2958.546	0.1	Midgut	3R:-:13509935-13509858	exon=> In CDS Exon 3 of transcript AGAP008604-PA
JHU_Ag_96422	SLGDSGEHLLAVNGTDVK	AGAP008604-PA	-	60	1.45E-05	1	1811.916	1.36	Malpighian tubule	3R:-:13510400-13510347	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_98982	SLGDSGEHLLAVNGTDVK	AGAP008604-PA	N13(Deamidated)	48	0.000219464	1	1812.908	5.69	Midgut	3R:-:13510400-13510347	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_100727	AITEALAKLSLGEVETIGK	AGAP008604-PA	-	80	2.51E-08	1	1943.116	5.28	Malpighian tubule	3R:-:13510457-13510401	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_102358	TVHVEEITPSVIEPSFGIGR	AGAP008604-PA	-	42	0.000485394	1	2167.146	3.12	Salivary gland	3R:-:13510307-13510248	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_103919	LLEFNQGR	AGAP008604-PA	-	36	0.003843762	1	976.522	0.88	Malpighian tubule	3R:-:13511066-13511043	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_104999	LKSEGAPEIDVK	AGAP008604-PA	-	63	4.87E-06	2	1285.705	4.36	Malpighian tubule	3R:-:13511756-13511721	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_105339	GFLRPETAQGIFVNFK	AGAP008604-PA	-	98	1.03E-09	1	1823.986	2.89	Head	3R:-:13511117-13511070	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_106913	IGILPER	AGAP008604-PA	-	30	0.002523326	2	797.488	0.25	Visceras	3R:-:13510739-13510719	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_107202	TVHVEEITPSVIEPSFGIGR	AGAP008604-PA	-	99	1.07E-09	1	2167.149	4.39	Malpighian tubule	3R:-:13510307-13510248	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_107306	IGLDEVANTIR	AGAP008604-PA	-	80	1.20E-07	2	1200.661	2.36	Head	3R:-:13509830-13510012,13509639-13509723	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_107420	IGLDEVANTIR	AGAP008604-PA	-	84	4.75E-08	2	1200.660	1.14	Salivary gland	3R:-:13509830-13510012,13509639-13509723	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_108028	TVHVEEITPSVIEPSFGIGR	AGAP008604-PA	-	86	1.99E-08	1	2167.144	2.02	Head	3R:-:13510307-13510248	exon=> In CDS Exon 2 of transcript AGAP008604-PA

JHU_Ag_110971	IGLDEVANTIR	AGAP008604-PA	-	87	2.48E-08	1	1200.659	0.43	Male reproductive organs	3R:-:13509830-13510012,13509639-13509723	exon=> In CDS Exon 4 and 3 of transcript AGAP008604-PA
JHU_Ag_112063	IGDAVASGLVANETLGYFMAR	AGAP008604-PA	M19(Oxidation)	103	6.49E-10	2	2171.080	0.06	Visceras	3R:-:13510823-13510761	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_112970	LPFAAAQIGNSFR	AGAP008604-PA	-	75	2.89E-07	1	1391.752	6.67	Larva	3R:-:13511042-13511004	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_113031	ELSLAPQVASFDR	AGAP008604-PA	-	40	0.001608475	2	1432.744	0.39	Midgut	3R:-:13511672-13511634	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_115545	SEGAPEIDVKK	AGAP008604-PA	-	50	0.000131482	2	1172.620	3.19	Malpighian tubule	3R:-:13511750-13511718	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_117370	TVHVEEITPSVIEPSFGIGR	AGAP008604-PA	-	106	1.83E-10	1	2167.147	3.6	Ovary	3R:-:13510307-13510248	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_117377	SYFSLPPVVAPLK	AGAP008604-PA	-	44	0.000165756	2	1417.810	0.33	Midgut	3R:-:13510190-13510152	exon=> In CDS Exon 2 of transcript AGAP008604-PA
JHU_Ag_50603	LNGNIIEK	AGAP008611-PA	-	35	0.003813026	1	900.526	11.71	Head	3R:+:13577485-13577508	exon=> In CDS Exon 1 of transcript AGAP008611-PA
JHU_Ag_112808	IHNISR	AGAP008611-PA	-	32	0.002791154	1	739.423	2.13	Ovary	3R:+:13578565-13578582	exon=> In CDS Exon 1 of transcript AGAP008611-PA
JHU_Ag_52387	TIWSVINR	AGAP008613-PA	-	43	0.000550732	2	988.559	1.61	Male reproductive organs	3R:-:13608599-13608576	exon=> In CDS Exon 3 of transcript AGAP008613-PA
JHU_Ag_69125	IWQCGGILEISPCSHVGHVFR	AGAP008613-PA	C4(Carbamidomethyl), C13(Carbamidomethyl)	55	4.57E-05	1	2452.205	1.47	Salivary gland	3R:-:13607389-13607327	exon=> In CDS Exon 6 of transcript AGAP008613-PA
JHU_Ag_72104	IGSSYCHGLGGNQVFAYTK	AGAP008613-PA	C6(Carbamidomethyl)	73	8.45E-07	1	2058.974	1.69	Salivary gland	3R:-:13600091-13600035	exon=> In CDS Exon 8 of transcript AGAP008613-PA
JHU_Ag_73904	EIILVDDASER	AGAP008613-PA	-	55	5.28E-05	2	1259.649	0.61	Salivary gland	3R:-:13608554-13608522	exon=> In CDS Exon 3 of transcript AGAP008613-PA
JHU_Ag_87664	HVNSGNCLTR	AGAP008613-PA	C7(Carbamidomethyl)	40	0.000965543	1	1157.547	-1.19	Salivary gland	3R:-:13599813-13599784	exon=> In CDS Exon 9 of transcript AGAP008613-PA
JHU_Ag_112962	ASEDDPSTPLLRPCNYSEGQQWLMQSK	AGAP008613-PA	C14(Carbamidomethyl), M24(Oxidation)	37	0.002068826	1	3153.428	0.87	Salivary gland	3R:-:13599783-13599703	exon=> In CDS Exon 9 of transcript AGAP008613-PA
JHU_Ag_39718	IEELIK	AGAP008614-PA	-	31	0.008249243	1	744.452	2.67	Head	3R:-:13686322-13686305	exon=> In CDS Exon 1 of transcript AGAP008614-PA
JHU_Ag_16099	ASMAEMELAASK	AGAP008615-PA	M3(Oxidation), M6(Oxidation)	61	7.08E-06	2	1270.567	1.37	Ovary	3R:-:13712800-13712765	exon=> In CDS Exon 1 of transcript AGAP008615-PA
JHU_Ag_27175	MFQEEVVKDTDIR	AGAP008615-PA	-	69	2.08E-06	1	1609.787	-1.22	Midgut	3R:-:13712443-13712405	exon=> In CDS Exon 1 of transcript AGAP008615-PA
JHU_Ag_77780	VEVGDYR	AGAP008615-PA	-	36	0.003577164	2	837.411	0.58	Salivary gland	3R:-:13712746-13712726	exon=> In CDS Exon 1 of transcript AGAP008615-PA
JHU_Ag_97922	MFQEEVVKDTDIR	AGAP008615-PA	-	63	7.95E-06	1	1609.788	-0.47	Salivary gland	3R:-:13712443-13712405	exon=> In CDS Exon 1 of transcript AGAP008615-PA
JHU_Ag_10125	ALEDEEKMTPEQLAIK	AGAP008617-PA	M8(Oxidation)	67	2.88E-06	2	1860.931	2.91	Malpighian tubule	3R:+:13716286-13716333	exon=> In CDS Exon 3 of transcript AGAP008617-PA
JHU_Ag_16375	QTTSNLGHLQKPSVQALIHGLNR	AGAP008617-PA	-	100	4.30E-10	1	2512.372	-0.9	Ovary	3R:+:13715949-13716017	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_26441	VVIDAFR	AGAP008617-PA	-	52	5.69E-05	1	819.472	-0.25	Ovary	3R:+:13715886-13715906	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_43160	NYYSISINYR	AGAP008617-PA	-	49	0.00025239	2	1292.629	1.62	Male reproductive organs	3R:+:13716018-13716047	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_51063	AVAVVVDPIQSVK	AGAP008617-PA	-	72	1.62E-07	1	1324.783	-0.04	Ovary	3R:+:13715841-13715879	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_60658	LINHNTLVLCQEPR	AGAP008617-PA	C10(Carbamidomethyl)	97	1.87E-09	1	1706.906	3.27	Malpighian tubule	3R:+:13715907-13715948	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_63679	AVAVVVDPIQSVK	AGAP008617-PA	-	34	0.000953197	2	1324.786	1.71	Pupa	3R:+:13715841-13715879	exon=> In CDS Exon 2 of transcript AGAP008617-PA

JHU_Ag_66476	VVIDAFR	AGAP008617-PA	-	46	0.000220434	2	819.471	-1.22	Male reproductive organs	3R:+:13715886-13715906	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_67183	AVAVVVDPIQSVK	AGAP008617-PA	-	72	1.49E-07	1	1324.784	0.42	Male reproductive organs	3R:+:13715841-13715879	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_72272	VDTLMSNNIVQCLGAMLDTIVFK	AGAP008617-PA	M5(Oxidation), C12(Carbamidomethyl), M16(Oxidation)	118	2.33E-11	1	2614.301	3.24	Ovary	3R:+:13716376-13716444	exon=> In CDS Exon 3 of transcript AGAP008617-PA
JHU_Ag_80837	LGGGMPGMSQAPPPSDAPVVDTAEQVYISSLALLK	AGAP008617-PA	M5(Oxidation), M8(Oxidation)	164	3.40E-16	1	3528.765	1.45	Ovary	3R:+:13715352-13715456	exon=> In CDS Exon 1 of transcript AGAP008617-PA
JHU_Ag_82560	ALEDEEKMTPEQLAIK	AGAP008617-PA	M8(Oxidation)	55	4.85E-05	2	1860.935	4.62	Male reproductive organs	3R:+:13716286-13716333	exon=> In CDS Exon 3 of transcript AGAP008617-PA
JHU_Ag_90524	LINHNTLVLCQEPR	AGAP008617-PA	C10(Carbamidomethyl)	44	0.000432936	1	1706.900	-0.31	Midgut	3R:+:13715907-13715948	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_91513	AVAVVVDPIQSVK	AGAP008617-PA	-	66	7.01E-07	1	1324.786	2.17	Malpighian tubule	3R:+:13715841-13715879	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_93258	AVAVVVDPIQSVK	AGAP008617-PA	-	78	4.09E-08	1	1324.784	0.51	Midgut	3R:+:13715841-13715879	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_96683	LINHNTLVLCQEPR	AGAP008617-PA	C10(Carbamidomethyl)	96	2.66E-09	1	1706.902	0.7	Male reproductive organs	3R:+:13715907-13715948	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_106906	VVIDAFR	AGAP008617-PA	-	33	0.003947111	2	819.472	-0.1	Midgut	3R:+:13715886-13715906	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_107609	AVAVVVDPIQSVK	AGAP008617-PA	-	62	1.62E-06	2	1324.784	0.69	Salivary gland	3R:+:13715841-13715879	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_109421	AVAVVVDPIQSVK	AGAP008617-PA	-	59	2.65E-06	2	1324.783	-0.5	Head	3R:+:13715841-13715879	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_109490	VVIDAFR	AGAP008617-PA	-	49	9.85E-05	2	819.473	0.72	Salivary gland	3R:+:13715886-13715906	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_114346	QTTSNLGHLQKPSVQALIHGLNR	AGAP008617-PA	-	47	8.78E-05	1	2512.372	-0.86	Midgut	3R:+:13715949-13716017	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_117000	LINHNTLVLCQEPR	AGAP008617-PA	C10(Carbamidomethyl)	70	1.06E-06	1	1706.896	-2.57	Ovary	3R:+:13715907-13715948	exon=> In CDS Exon 2 of transcript AGAP008617-PA
JHU_Ag_24520	SSNWVTVFGFPQNAASK	AGAP008619-PA	-	39	0.002215735	2	1839.912	4.98	Ovary	3R:+:13718191-13718241	exon=> In CDS Exon 2 of transcript AGAP008619-PA
JHU_Ag_37300	SSNWVTVFGFPQNAASK	AGAP008619-PA	-	42	0.001004354	1	1839.905	1.27	Head	3R:+:13718191-13718241	exon=> In CDS Exon 2 of transcript AGAP008619-PA
JHU_Ag_73654	SSNWVTVFGFPQNAASK	AGAP008619-PA	-	54	6.60E-05	1	1839.908	3.26	Midgut	3R:+:13718191-13718241	exon=> In CDS Exon 2 of transcript AGAP008619-PA
JHU_Ag_1122	GGFLSCSNDATVR	AGAP008620-PA	C6(Carbamidomethyl)	43	0.000498237	2	1383.635	2.24	Salivary gland	3R:-:13720949-13720911	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_6630	AVTEGAGFIVSGSR	AGAP008620-PA	-	80	1.61E-07	2	1350.702	0.77	Salivary gland	3R:-:13721587-13721546	exon=> In CDS Exon 1 of transcript AGAP008620-PA
JHU_Ag_13707	HYILLENADLSK	AGAP008620-PA	-	67	2.89E-06	1	1415.748	-3.69	Head	3R:-:13719887-13719852	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_18058	FLYTTWPTEK	AGAP008620-PA	-	53	7.02E-05	2	1285.647	0.24	Male reproductive organs	3R:-:13719629-13719600	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_20761	HYILLENADLSK	AGAP008620-PA	-	49	0.00017082	2	1415.752	-0.76	Salivary gland	3R:-:13719887-13719852	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_25104	NGDMVAGTSDAIVR	AGAP008620-PA	M4(Oxidation)	73	6.88E-07	2	1421.673	3.08	Malpighian tubule	3R:-:13720700-13720659	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_32135	NSDSAPVQSALANSYYDPFTGGSR	AGAP008620-PA	-	61	9.25E-06	2	2504.138	2.09	Ovary	3R:-:13720202-13720131	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_33127	FLYTTWPTEK	AGAP008620-PA	-	46	0.0002969	1	1285.647	0.52	Salivary gland	3R:-:13719629-13719600	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_34777	HNLPQAYLDQVANFIVK	AGAP008620-PA	-	75	2.08E-07	1	1970.056	3.24	Malpighian tubule	3R:-:13720253-13720203	exon=> In CDS Exon 2 of transcript AGAP008620-PA

JHU_Ag_35140	AIVDRFAVLR	AGAP008620-PA	-	27	0.005836574	1	1159.699	4.07	Malpighian tubule	3R:-:13719398-13719369	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_37422	ILFNISSELPNFGK	AGAP008620-PA	-	45	0.000327923	2	1578.857	2.49	Salivary gland	3R:-:13719107-13719066	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_39619	ILFNISSELPNFGK	AGAP008620-PA	-	57	2.02E-05	2	1578.855	1.56	Head	3R:-:13719107-13719066	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_45655	HNLPQAYLDQVANFIVK	AGAP008620-PA	-	52	4.37E-05	1	1970.058	4.54	Midgut	3R:-:13720253-13720203	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_51347	NVVVEHIR	AGAP008620-PA	-	36	0.001674609	2	965.555	2.2	Malpighian tubule	3R:-:13719422-13719399	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_55433	AVTEGAGFIVSGSR	AGAP008620-PA	-	71	1.34E-06	2	1350.702	0.32	Pupa	3R:-:13721587-13721546	exon=> In CDS Exon 1 of transcript AGAP008620-PA
JHU_Ag_60342	HNLPQAYLDQVANFIVK	AGAP008620-PA	-	41	0.000555836	3	1970.051	1.01	Salivary gland	3R:-:13720253-13720203	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_63243	HNLPQAYLDQVANFIVK	AGAP008620-PA	-	58	1.08E-05	1	1970.060	5.47	Ovary	3R:-:13720253-13720203	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_67021	ILFNISSELPNFGK	AGAP008620-PA	-	54	4.20E-05	2	1578.849	-2.46	Ovary	3R:-:13719107-13719066	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_68170	SDAWGEEVFVTGGEDSTIR	AGAP008620-PA	-	46	0.000265554	1	2054.930	-0.02	Ovary	3R:-:13720838-13720782	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_77909	AVTEGAGFIVSGSR	AGAP008620-PA	-	73	7.75E-07	2	1350.700	-0.77	Midgut	3R:-:13721587-13721546	exon=> In CDS Exon 1 of transcript AGAP008620-PA
JHU_Ag_90251	AVTEGAGFIVSGSR	AGAP008620-PA	-	66	4.37E-06	1	1350.702	0.5	Male reproductive organs	3R:-:13721587-13721546	exon=> In CDS Exon 1 of transcript AGAP008620-PA
JHU_Ag_91007	ILFNISSELPNFGK	AGAP008620-PA	-	46	0.000239206	2	1578.856	2.1	Visceras	3R:-:13719107-13719066	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_93436	HNLPQAYLDQVANFIVK	AGAP008620-PA	-	94	2.85E-09	1	1970.054	2.04	Head	3R:-:13720253-13720203	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_106720	AVTEGAGFIVSGSR	AGAP008620-PA	-	72	9.52E-07	2	1350.704	2.12	Ovary	3R:-:13721587-13721546	exon=> In CDS Exon 1 of transcript AGAP008620-PA
JHU_Ag_114405	GGFLSCSNDATVR	AGAP008620-PA	C6(Carbamidomethyl)	38	0.001735087	2	1383.631	-0.85	Midgut	3R:-:13720949-13720911	exon=> In CDS Exon 2 of transcript AGAP008620-PA
JHU_Ag_117605	FLYTTWPTEK	AGAP008620-PA	-	51	9.38E-05	1	1285.648	1.28	Ovary	3R:-:13719629-13719600	exon=> In CDS Exon 3 of transcript AGAP008620-PA
JHU_Ag_1575	GHYTEGAELVDSVLDIVR	AGAP008622-PA	-	142	1.00E-13	1	1972.997	-0.52	Male reproductive organs	3R:-:13726148-13726095	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_8623	GHYTEGAELVDSVLDIVRK	AGAP008622-PA	-	151	1.06E-14	1	2101.091	-0.66	Male reproductive organs	3R:-:13726148-13726092	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_10771	SGPYGQLFRPDNFAFGQSGAGNNWAK	AGAP008622-PA	Q6(Deamidated)	165	4.16E-16	1	2786.309	0.72	Male reproductive organs	3R:-:13726226-13726149	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_25097	KEAEGCDCLQGFQLTHSLGGGTGSGMGTLLISK	AGAP008622-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), M26(Oxidation)	71	8.66E-07	1	3425.608	-1.48	Male reproductive organs	3R:-:13726094-13725996	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_33149	AILVDLEPGTMDSVR	AGAP008622-PA	-	45	0.000523015	1	1615.845	5.53	Malpighian tubule	3R:-:13726271-13726227	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_33331	MREIVHLQTGQCGNQIGAK	AGAP008622-PA	N-Term(Acetyl), Q8(Deamidated), C12(Carbamidomethyl)	51	0.0001106	1	2183.074	2.06	Male reproductive organs	3R:-:13726460-13726404	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_35162	FWEVISNEHGIDATGAFQGDCGDLQLER	AGAP008622-PA	C21(Carbamidomethyl)	145	3.35E-14	1	3164.437	-0.15	Malpighian tubule	3R:-:13726403-13726320	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_65984	MREIVHLQTGQCGNQIGAK	AGAP008622-PA	M1(Oxidation), C12(Carbamidomethyl)	99	2.11E-09	1	2156.070	-0.1	Male reproductive organs	3R:-:13726460-13726404	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_68800	MREIVHLQTGQCGNQIGAK	AGAP008622-PA	C12(Carbamidomethyl)	51	0.000107217	3	2140.074	-0.74	Malpighian tubule	3R:-:13726460-13726404	exon=> In CDS Exon 1 of transcript AGAP008622-PA

JHU_Ag_73806	MREIVHLQTGQCGNQIGAK	AGAP008622-PA	N-Term(Acetyl), Q8(Deamidated), C12(Carbamidomethyl)	43	0.000714 04	1	2183.083	6.01	Salivary gland	3R:-:13726460-13726404	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_81799	IMNTFSIVPSPK	AGAP008622-PA	M2(Oxidation)	92	7.96E-09	2	1349.715	1.45	Male reproductive organs	3R:-:13725971-13725936	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_85451	MREIVHLQTGQCGNQIGAK	AGAP008622-PA	N-Term(Acetyl), Q8(Deamidated), C12(Carbamidomethyl)	40	0.001441 188	1	2183.080	4.58	Head	3R:-:13726460-13726404	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_99448	FWEVISNEHGIDATGAFQGDCGDLQL ER	AGAP008622-PA	C21(Carbamidomethyl)	211	8.76E-21	1	3164.436	-0.5	Male reproductive organs	3R:-:13726403-13726320	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_103729	EIVHLQTGQCGNQIGAK	AGAP008622-PA	C10(Carbamidomethyl)	113	6.88E-11	1	1852.935	0.94	Male reproductive organs	3R:-:13726454-13726404	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_104608	GHYTEGAELVDSVLDIVRK	AGAP008622-PA	-	121	8.55E-12	1	2101.100	3.34	Malpighian tubule	3R:-:13726148-13726092	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_104902	AILVDLEPGTMDSVR	AGAP008622-PA	M11(Oxidation)	67	3.15E-06	2	1631.833	1.11	Male reproductive organs	3R:-:13726271-13726227	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_110990	EAEGCDCLQGFQLTHSLGGGTGSGM GTLLISK	AGAP008622-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation),"C5(Carba midomethyl), C7(Carbamidomethyl)"	109	1.38E-10	1	3297.520	0.31	Male reproductive organs	3R:-:13726091-13725996	exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_10700	INVYYNEASGGKYVPR	AGAP008622-PA,AGAP010929-PA	-	115	4.81E-11	1	1829.920	1.14	Malpighian tubule	3R:-:13726319-13726272;3L:-:13309397-13309350	exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_65545	INVYYNEASGGK	AGAP008622-PA,AGAP010929-PA	-	73	5.36E-07	1	1314.633	0.34	Malpighian tubule	3R:-:13726319-13726284;3L:-:13309397-13309362	exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_81351	INVYYNEASGGK	AGAP008622-PA,AGAP010929-PA	-	74	4.72E-07	1	1314.636	2.38	Male reproductive organs	3R:-:13726319-13726284;3L:-:13309397-13309362	exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_93931	INVYYNEASGGK	AGAP008622-PA,AGAP010929-PA	-	79	1.39E-07	1	1314.632	-0.31	Salivary gland	3R:-:13726319-13726284;3L:-:13309397-13309362	exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_108179	INVYYNEASGGK	AGAP008622-PA,AGAP010929-PA	-	74	4.33E-07	1	1314.632	-0.41	Head	3R:-:13726319-13726284;3L:-:13309397-13309362	exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_109426	INVYYNEASGGK	AGAP008622-PA,AGAP010929-PA	-	60	1.06E-05	2	1314.630	-1.95	Pupa	3R:-:13726319-13726284;3L:-:13309397-13309362	exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_84420	RNSIDSQVSVK	AGAP008625-PA	Q7(Deamidated)	44	0.000694 253	2	1233.647	2.53	Salivary gland	3R:+:13735113-13735145	exon=> In CDS Exon 4 of transcript AGAP008625-PA
JHU_Ag_24472	ELVFPK	AGAP008626-PA	-	43	0.000582 572	1	732.429	-0.35	Midgut	3R:-:13739794-13739777	exon=> In CDS Exon 2 of transcript AGAP008626-PA
JHU_Ag_10113	HRAPVINVITAK	AGAP008627-PA	-	53	4.69E-06	1	1318.798	2.13	Malpighian tubule	3R:+:13751319-13751354	exon=> In CDS Exon 2 of transcript AGAP008627-PA
JHU_Ag_92398	QIANLGQDCFALVNAANVPSKK	AGAP008627-PA	C9(Carbamidomethyl)	64	3.82E-06	1	2358.231	3.02	Malpighian tubule	3R:+:13751700-13751765	exon=> In CDS Exon 2 of transcript AGAP008627-PA
JHU_Ag_100635	ALHLLDWSGGLK	AGAP008627-PA	-	53	3.67E-05	2	1309.727	0.66	Malpighian tubule	3R:+:13751262-13751297	exon=> In CDS Exon 2 of transcript AGAP008627-PA

JHU_Ag_989	GVLLNTLSAAK	AGAP008632-PA	-	73	2.30E-07	1	1086.652	-0.12	Malpighian tubule	3R:-:13775601-13775569	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_2778	LVAFGK	AGAP008632-PA	-	36	0.000615273	1	634.391	-1.7	Midgut	3R:-:13777215-13777198	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_2783	TVGFPAAIAAK	AGAP008632-PA	-	36	0.002717167	1	1045.604	-0.58	Midgut	3R:-:13774873-13774841	exon=> In CDS Exon 4 of transcript AGAP008632-PA
JHU_Ag_2926	NLLRPANTPWLPTSR	AGAP008632-PA	-	76	1.27E-07	1	1735.963	1.81	Salivary gland	3R:-:13776603-13776559	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_3153	LIDYEKLMDR	AGAP008632-PA	M8(Oxidation)	76	2.82E-07	1	1311.665	3.01	Malpighian tubule	3R:-:13777257-13777228	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_3471	QVPVDALIPQK	AGAP008632-PA	-	35	0.000970845	2	1207.705	0.47	Midgut	3R:-:13777374-13777342	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_5075	AQESNMPLLDACLEK	AGAP008632-PA	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	106	3.72E-10	1	1718.814	2.92	Salivary gland	3R:-:13777311-13777267	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_5233	TYCFFSHTIK	AGAP008632-PA	C3(Carbamidomethyl)	35	0.004575227	1	1303.614	-0.24	Midgut	3R:-:13777341-13777312	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_5325	SFKGPGVLVCSIDNMPTQLPR	AGAP008632-PA	C10(Carbamidomethyl), M15(Oxidation)	56	3.54E-05	1	2332.176	-1.23	Midgut	3R:-:13776414-13776352	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_5543	DSTKYQSLYGLTNINTLLR	AGAP008632-PA	-	145	2.26E-14	1	2200.172	5.13	Malpighian tubule	3R:-:13775457-13775401	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_6062	VGTIEGLEELGLLDNVPVVK	AGAP008632-PA	-	132	2.29E-13	1	2094.176	2.96	Salivary gland	3R:-:13775205-13775146	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_6180	GINFVVYGQPASTGGHSAMAK	AGAP008632-PA	M19(Oxidation)	68	2.59E-06	1	2108.030	3.33	Salivary gland	3R:-:13774936-13774874	exon=> In CDS Exon 4 of transcript AGAP008632-PA
JHU_Ag_9908	SFKGPGVLVCSIDNMPTQLPR	AGAP008632-PA	C10(Carbamidomethyl), M15(Oxidation),C10(Carbamidomethyl)	102	7.52E-10	1	2332.183	1.68	Malpighian tubule	3R:-:13776414-13776352	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_10681	AQESNMPLLDACLEK	AGAP008632-PA	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	67	2.62E-06	2	1734.804	0.26	Ovary	3R:-:13777311-13777267	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_11273	LLALGHHTPFMHVGPAHNYR	AGAP008632-PA	M11(Oxidation)	104	4.96E-10	1	2268.165	1.72	Midgut	3R:-:13777146-13777443,13775091-13777015	exon=> In CDS Exon 3 and 2 of transcript AGAP008632-PA
JHU_Ag_11485	GFSDTIKPMQLLGLIDPNPHPLLHPHGPELTWR	AGAP008632-PA	M9(Oxidation)	77	9.54E-08	1	3742.966	3.4	Midgut	3R:-:13775382-13775284	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_11507	LYGCEVSR	AGAP008632-PA	C4(Carbamidomethyl)	34	0.004093703	2	983.462	0.32	Midgut	3R:-:13776804-13776781	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_11529	NIAPYASVIVNGIYWAVGAPK	AGAP008632-PA	N11(Deamidated)	110	5.95E-11	2	2203.191	-0.06	Midgut	3R:-:13776690-13776628	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_12528	RASFSPANVK	AGAP008632-PA	-	36	0.002937041	2	1076.584	-0.57	Midgut	3R:-:13779287-13779258	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_12669	VIVQPSNRR	AGAP008632-PA	-	36	0.001107259	1	1068.629	1.53	Malpighian tubule	3R:-:13779233-13779207	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_13042	QAVRDCGYEISLGMMPK	AGAP008632-PA	C6(Carbamidomethyl), M14(Oxidation), M15(Oxidation)	46	0.000305877	1	1986.914	2.8	Malpighian tubule	3R:-:13776996-13776946	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_13255	VLVLGAGFVSAPLVEYLHR	AGAP008632-PA	-	125	7.28E-13	1	2040.176	6.05	Malpighian tubule	3R:-:13776123-13776067	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_20837	GVVLPFSADIYRPMLAR	AGAP008632-PA	M14(Oxidation)	52	3.95E-05	1	1921.037	0.01	Midgut	3R:-:13774724-13774674	exon=> In CDS Exon 5 of transcript AGAP008632-PA
JHU_Ag_21693	ELEFLPGFALEGFPNR	AGAP008632-PA	-	92	7.73E-09	1	1835.936	1.88	Ovary	3R:-:13775505-13775458	exon=> In CDS Exon 3 of transcript AGAP008632-PA

JHU_Ag_23803	GVLLNTLSAAK	AGAP008632-PA	-	61	3.88E-06	1	1086.651	-0.46	Ovary	3R:-:13775601-13775569	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_23982	VLVLGAGFVSAPLVEYLHR	AGAP008632-PA	-	121	2.34E-12	1	2040.166	0.93	Salivary gland	3R:-:13776123-13776067	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_24213	VLVLGAGFVSAPLVEYLHR	AGAP008632-PA	-	135	1.01E-13	1	2040.164	-0.14	Midgut	3R:-:13776123-13776067	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_24359	EDQSVWER	AGAP008632-PA	-	39	0.000942942	1	1048.469	-0.91	Midgut	3R:-:13779311-13779288	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_24374	LVAFGK	AGAP008632-PA	-	33	0.001208003	1	634.392	0.13	Ovary	3R:-:13777215-13777198	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_26958	AQESNMPLLDACLEKNIR	AGAP008632-PA	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	39	0.002032339	1	2118.040	3.59	Malpighian tubule	3R:-:13777311-13777258	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_27143	VASQYKEEADR	AGAP008632-PA	-	90	1.47E-08	1	1295.626	2.49	Malpighian tubule	3R:-:13776045-13776013	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_27856	DSTKYQSLYGLTNINTLLR	AGAP008632-PA	-	66	2.03E-06	1	2200.161	-0.09	Ovary	3R:-:13775457-13775401	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_27915	SIGPLTFIFTGSGNVSQGAQEVFQELPVEFVPPEMLR	AGAP008632-PA	M35(Oxidation)	32	0.003692783	1	4037.048	2.92	Midgut	3R:-:13776945-13776835	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_28120	LLALGHHTPFMHVGPAHNYR	AGAP008632-PA	M11(Oxidation)	100	1.33E-09	1	2284.163	3.08	Malpighian tubule	3R:-:13777146-13777443,13775091-13777015	exon=> In CDS Exon 3 and 2 of transcript AGAP008632-PA
JHU_Ag_30351	YKGFSDTIKPMQLLGLIDPNPHPLLHPHGPELTWR	AGAP008632-PA	M11(Oxidation)	55	1.05E-05	1	4034.115	1.06	Midgut	3R:-:13775388-13775284	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_30383	GINFVVYGQPASTGGHSAMAK	AGAP008632-PA	M19(Oxidation)	114	5.83E-11	1	2108.019	-1.76	Midgut	3R:-:13774936-13774874	exon=> In CDS Exon 4 of transcript AGAP008632-PA
JHU_Ag_35318	EGGKFDPVEYDQYPER	AGAP008632-PA	-	80	9.70E-08	1	1928.867	0.24	Midgut	3R:-:13776759-13776712	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_36797	VAEHGSTNKLYGCEVSR	AGAP008632-PA	C13(Carbamidomethyl)	116	3.79E-11	1	1906.911	1.96	Malpighian tubule	3R:-:13776831-13776781	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_37028	GVLLNTLSAAK	AGAP008632-PA	-	67	1.12E-06	1	1086.652	0.1	Midgut	3R:-:13775601-13775569	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_38238	YAGVAGMVNILHGLGLR	AGAP008632-PA	-	117	1.20E-11	1	1740.958	0.11	Salivary gland	3R:-:13777197-13777147	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_42828	VIVQPSNR	AGAP008632-PA	-	40	0.000620394	2	912.527	1.06	Malpighian tubule	3R:-:13779233-13779210	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_43533	LAFEDTER	AGAP008632-PA	-	49	0.00020546	1	980.469	0.59	Salivary gland	3R:-:13775100-13777041,13774828-13775000	exon=> In CDS Exon 4 and 3 of transcript AGAP008632-PA
JHU_Ag_43839	TYCFFSHTIK	AGAP008632-PA	C3(Carbamidomethyl)	67	3.14E-06	1	1303.615	0.89	Malpighian tubule	3R:-:13777341-13777312	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_44136	QVPVDALIPQK	AGAP008632-PA	-	42	0.000203343	1	1207.704	-0.44	Salivary gland	3R:-:13777374-13777342	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_44193	VLVLGAGFVSAPLVEYLHR	AGAP008632-PA	-	93	1.16E-09	1	2040.172	3.89	Ovary	3R:-:13776123-13776067	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_46681	DVQENGGVVESFVSFCGGLPAPEHSNNPLR	AGAP008632-PA	C16(Carbamidomethyl)	196	3.75E-19	1	3212.514	2.16	Malpighian tubule	3R:-:13775715-13775626	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_46731	GINFVVYGQPASTGGHSAMAK	AGAP008632-PA	M19(Oxidation)	117	3.33E-11	1	2108.030	3.22	Malpighian tubule	3R:-:13774936-13774874	exon=> In CDS Exon 4 of transcript AGAP008632-PA
JHU_Ag_47089	QVPVDALIPQKTYCFFSHTIK	AGAP008632-PA	C14(Carbamidomethyl)	57	1.60E-05	1	2492.315	5.87	Malpighian tubule	3R:-:13777374-13777312	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_47215	MIIDGEIQQR	AGAP008632-PA	M1(Oxidation)	94	5.88E-09	1	1202.623	2.8	Malpighian tubule	3R:-:13774840-13775013,13774626-13774725	exon=> In CDS Exon 5 and 4 of transcript AGAP008632-PA

JHU_Ag_47691	MGSPLDTLSYYLSK	AGAP008632-PA	M1(Oxidation)	116	3.71E-11	1	1574.773	-2.93	Midgut	3R:-:13775145-13775104	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_51519	ELEFLPGFALEGFPNR	AGAP008632-PA	-	126	3.99E-12	1	1835.933	-0.05	Midgut	3R:-:13775505-13775458	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_52506	YAGVAGMVNILHGLGLR	AGAP008632-PA	M7(Oxidation)	138	1.11E-13	1	1740.958	0.04	Midgut	3R:-:13777197-13777147	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_53064	LYGCEVSR	AGAP008632-PA	C4(Carbamidomethyl)	40	0.001211753	2	983.460	-1.29	Malpighian tubule	3R:-:13776804-13776781	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_53340	GQVVEISGGGELMSAPR	AGAP008632-PA	M13(Oxidation)	136	3.78E-13	1	1702.842	-0.8	Midgut	3R:-:13775556-13775506	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_53957	LEQEGLTATTTTK	AGAP008632-PA	-	91	1.09E-08	2	1392.725	2.28	Malpighian tubule	3R:-:13774673-13774635	exon=> In CDS Exon 5 of transcript AGAP008632-PA
JHU_Ag_54112	TVGFPAAIAAK	AGAP008632-PA	-	37	0.001385189	1	1045.607	3.04	Malpighian tubule	3R:-:13774873-13774841	exon=> In CDS Exon 4 of transcript AGAP008632-PA
JHU_Ag_55123	NLLRPANTPWLPTSR	AGAP008632-PA	-	80	4.75E-08	1	1735.969	5.18	Malpighian tubule	3R:-:13776603-13776559	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_55314	VGTIEGLEELGLLDNVPVVK	AGAP008632-PA	-	133	1.94E-13	1	2094.172	1.21	Midgut	3R:-:13775205-13775146	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_55666	MGSPLDTLSYYLSK	AGAP008632-PA	M1(Oxidation)	33	0.007825795	1	1590.774	1.52	Ovary	3R:-:13775145-13775104	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_56549	ELEFLPGFALEGFPNR	AGAP008632-PA	-	118	2.05E-11	1	1835.935	1.08	Malpighian tubule	3R:-:13775505-13775458	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_57636	YQSLYGLTNINTLLR	AGAP008632-PA	-	112	5.98E-11	1	1768.963	2.36	Malpighian tubule	3R:-:13775445-13775401	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_58036	LAFEDTER	AGAP008632-PA	-	43	0.000714971	1	980.470	1.71	Malpighian tubule	3R:-:13775100-13777041,13774828-13775000	exon=> In CDS Exon 4 and 3 of transcript AGAP008632-PA
JHU_Ag_60246	ASFSPANVK	AGAP008632-PA	-	42	0.000930115	1	920.485	1.97	Malpighian tubule	3R:-:13779284-13779258	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_61519	REDQSVWER	AGAP008632-PA	-	48	0.000214917	1	1204.574	2.65	Malpighian tubule	3R:-:13779314-13779288	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_61917	VASQYKEEADR	AGAP008632-PA	-	77	2.64E-07	1	1295.622	-0.9	Midgut	3R:-:13776045-13776013	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_62145	MGSPLDTLSYYLSKK	AGAP008632-PA	M1(Oxidation)	37	0.003504598	1	1718.864	-1.79	Midgut	3R:-:13775145-13775101	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_62309	MGSPLDTLSYYLSK	AGAP008632-PA	M1(Oxidation)	101	1.33E-09	1	1574.779	1.02	Salivary gland	3R:-:13775145-13775104	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_62375	GPGVLVCSIDNMPTQLPR	AGAP008632-PA	C7(Carbamidomethyl),"C7(Carbamidomethyl),M12(Oxidation)"	112	6.72E-11	1	1953.993	2.24	Malpighian tubule	3R:-:13776405-13776352	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_62598	AQESNMPLLDACLEK	AGAP008632-PA	M6(Oxidation),C12(Carbamidomethyl),C12(Carbamidomethyl)	111	1.36E-10	1	1718.812	2.07	Malpighian tubule	3R:-:13777311-13777267	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_66323	VLVLGAGFVSAPLVEYLHRESNVSIK	AGAP008632-PA	-	94	3.61E-10	1	2797.578	6.01	Malpighian tubule	3R:-:13776123-13776046	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_68529	RASFSPANVK	AGAP008632-PA	-	40	0.001374578	1	1076.587	2.49	Malpighian tubule	3R:-:13779287-13779258	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_69900	YAGVAGMVNILHGLGLR	AGAP008632-PA	M7(Oxidation)	123	3.94E-12	1	1756.960	4.12	Malpighian tubule	3R:-:13777197-13777147	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_72961	QLVVNMLGLADADIFIENLKHR	AGAP008632-PA	M6(Oxidation)	115	1.53E-11	1	2525.370	6.28	Malpighian tubule	3R:-:13775283-13775218	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_73435	QVPVDALIPQK	AGAP008632-PA	-	46	8.26E-05	1	1207.705	0.77	Malpighian tubule	3R:-:13777374-13777342	exon=> In CDS Exon 2 of transcript AGAP008632-PA

JHU_Ag_74826	KLAFEDTER	AGAP008632-PA	-	48	0.000231701	1	1108.563	0.03	Malpighian tubule	3R:-:13775103-13777041,137748 28-13775000	exon=> In CDS Exon 4 and 3 of transcript AGAP008632-PA
JHU_Ag_76062	GPGVLVCSIDNMPTQLPR	AGAP008632-PA	C7(Carbamidomethyl),"C7 (Carbamidomethyl), M12(Oxidation)"	121	1.18E-11	1	1969.985	0.53	Midgut	3R:-:13776405-13776352	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_76690	MIIDGEIQQR	AGAP008632-PA	M1(Oxidation)	64	5.72E-06	2	1202.617	-2.58	Midgut	3R:-:13774840-13775013,137746 26-13774725	exon=> In CDS Exon 5 and 4 of transcript AGAP008632-PA
JHU_Ag_76851	AQESNMPLLDACLEK	AGAP008632-PA	M6(Oxidation), C12(Carbamidomethyl)	125	3.92E-12	1	1734.802	-1.14	Midgut	3R:-:13777311-13777267	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_78046	LAFEDTERDLIILR	AGAP008632-PA	-	91	5.95E-09	1	1703.933	0.16	Midgut	3R:-:13775100-13777041,137748 28-13774982	exon=> In CDS Exon 4 and 3 of transcript AGAP008632-PA
JHU_Ag_78801	ELEFLPGFALEGFPNR	AGAP008632-PA	-	126	3.51E-12	1	1835.938	2.74	Salivary gland	3R:-:13775505-13775458	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_79264	SFKGPGVLVCSIDNMPTQLPR	AGAP008632-PA	C10(Carbamidomethyl), M15(Oxidation)	48	0.000215738	3	2332.180	0.34	Ovary	3R:-:13776414-13776352	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_79772	AYPMQAYLNAGATVQEDISEASVIFGV K	AGAP008632-PA	M4(Oxidation)	150	1.18E-14	1	2988.467	0.16	Malpighian tubule	3R:-:13779206-13779335,137771 14-13777375	exon=> In CDS Exon 2 and 1 of transcript AGAP008632-PA
JHU_Ag_79971	VLVLGAGFVSAPLVEYLHR	AGAP008632-PA	-	93	1.41E-09	1	2040.168	1.65	Visceras	3R:-:13776123-13776067	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_80059	LAFEDTERDLIILR	AGAP008632-PA	-	81	5.12E-08	1	1703.944	6.47	Malpighian tubule	3R:-:13775100-13777041,137748 28-13774982	exon=> In CDS Exon 4 and 3 of transcript AGAP008632-PA
JHU_Ag_81002	FDPVEYDQYPER	AGAP008632-PA	-	94	2.66E-09	1	1557.683	-1.45	Midgut	3R:-:13776747-13776712	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_81116	LIDYEKLMDR	AGAP008632-PA	M8(Oxidation)	64	5.12E-06	1	1311.659	-2.01	Midgut	3R:-:13777257-13777228	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_81279	LEQEGLTATTTTK	AGAP008632-PA	-	75	4.00E-07	1	1392.730	5.7	Midgut	3R:-:13774673-13774635	exon=> In CDS Exon 5 of transcript AGAP008632-PA
JHU_Ag_81328	LYGCEVSR	AGAP008632-PA	C4(Carbamidomethyl)	35	0.003719 03	2	983.462	0.63	Salivary gland	3R:-:13776804-13776781	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_82213	QLVVNMLGLADADIFIENLK	AGAP008632-PA	M6(Oxidation)	150	6.71E-15	1	2232.198	1.34	Malpighian tubule	3R:-:13775283-13775224	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_82971	GVVLPFSADIYRPMLAR	AGAP008632-PA	-	59	7.13E-06	1	1905.047	2.66	Salivary gland	3R:-:13774724-13774674	exon=> In CDS Exon 5 of transcript AGAP008632-PA
JHU_Ag_84037	MIIDGEIQQR	AGAP008632-PA	-	73	7.66E-07	1	1202.620	0.16	Salivary gland	3R:-:13774840-13775013,137746 26-13774725	exon=> In CDS Exon 5 and 4 of transcript AGAP008632-PA
JHU_Ag_84856	SIGPLTFIFTGSGNVSQGAQEVFQELPV EFVPPEMLR	AGAP008632-PA	M35(Oxidation)	54	2.67E-05	1	4037.033	-0.96	Malpighian tubule	3R:-:13776945-13776835	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_84887	GQVVEISGGGELMSAPR	AGAP008632-PA	M13(Oxidation)	138	2.54E-13	1	1702.842	-0.59	Malpighian tubule	3R:-:13775556-13775506	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_85579	VIVQPSNRR	AGAP008632-PA	-	33	0.002090496	1	1068.627	-0.51	Midgut	3R:-:13779233-13779207	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_86196	MIIDGEIQQRGVVLPFSADIYRPMLAR	AGAP008632-PA	M24(Oxidation),"M1(Oxid ation), M24(Oxidation)"	100	5.43E-10	1	3120.648	4.69	Malpighian tubule	3R:-:13774840-13775013,137746 26-13774674	exon=> In CDS Exon 5 and 4 of transcript AGAP008632-PA
JHU_Ag_87214	GINFVVYGQPASTGGHSAMAK	AGAP008632-PA	M19(Oxidation)	58	2.72E-05	3	2108.027	1.68	Ovary	3R:-:13774936-13774874	exon=> In CDS Exon 4 of transcript AGAP008632-PA
JHU_Ag_87224	KLAFEDTER	AGAP008632-PA	-	51	0.000128212	2	1108.563	-0.52	Midgut	3R:-:13775103-13777041,137748 28-13775000	exon=> In CDS Exon 4 and 3 of transcript AGAP008632-PA

JHU_Ag_90007	DVQENGGVVESFVSFCGGLPAPEHSNNPLR	AGAP008632-PA	C16(Carbamidomethyl),"N5(Deamidated), C16(Carbamidomethyl)"	75	4.71E-07	1	3212.505	-0.58	Midgut	3R:-:13775715-13775626	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_90412	NLLRPANTPWLPTSR	AGAP008632-PA	-	42	0.000285888	1	1735.961	0.61	Ovary	3R:-:13776603-13776559	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_91519	ELEFLPGFALEGFPNRDSTK	AGAP008632-PA	-	55	3.87E-05	2	2267.147	5.68	Malpighian tubule	3R:-:13775505-13775446	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_91881	EDQSVWER	AGAP008632-PA	-	42	0.00049601	2	1048.472	2.74	Malpighian tubule	3R:-:13779311-13779288	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_94930	GVLLNTLSAAK	AGAP008632-PA	-	72	3.37E-07	1	1086.652	0.33	Salivary gland	3R:-:13775601-13775569	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_95303	LLALGHHTPFMHVGPAHNYR	AGAP008632-PA	M11(Oxidation)	47	0.000268489	1	2284.160	1.8	Salivary gland	3R:-:13777146-13777443,13775091-13777015	exon=> In CDS Exon 3 and 2 of transcript AGAP008632-PA
JHU_Ag_95789	EDQSVWER	AGAP008632-PA	-	43	0.000390012	2	1048.470	0.3	Salivary gland	3R:-:13779311-13779288	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_95861	EERGINFVVYGQPASTGGHSAMAK	AGAP008632-PA	M22(Oxidation)	33	0.006661533	1	2522.223	5.43	Malpighian tubule	3R:-:13774945-13774874	exon=> In CDS Exon 4 of transcript AGAP008632-PA
JHU_Ag_96260	YLSKGQVVEISGGGELMSAPR	AGAP008632-PA	M17(Oxidation)	95	4.29E-09	1	2194.126	3.89	Malpighian tubule	3R:-:13775568-13775506	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_96302	SIGPLTFIFTGSGNVSQGAQEVFQELPVEFVPPEMLRK	AGAP008632-PA	M35(Oxidation)	213	2.24E-21	1	4165.147	3.59	Malpighian tubule	3R:-:13776945-13776832	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_96493	VIALRR	AGAP008632-PA	-	28	0.002371872	2	727.495	1.85	Malpighian tubule	3R:-:13779329-13779312	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_96729	LAERVGTIEGLEELGLLDNVPVVK	AGAP008632-PA	-	56	1.81E-06	2	2563.452	7.08	Malpighian tubule	3R:-:13775217-13775146	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_97442	QLVVNMLGLADADIFIENLK	AGAP008632-PA	M6(Oxidation)	119	9.27E-12	2	2232.199	1.89	Midgut	3R:-:13775283-13775224	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_97497	LVAFGKYAGVAGMVNILHGLGLR	AGAP008632-PA	M13(Oxidation)	73	1.12E-07	1	2372.333	2.62	Malpighian tubule	3R:-:13777215-13777147	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_98130	LITIPDAKNLLRPANTPWLPTSR	AGAP008632-PA	-	96	3.25E-10	1	2587.484	4.8	Malpighian tubule	3R:-:13776627-13776559	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_98379	KLAFEDTER	AGAP008632-PA	-	54	6.62E-05	1	1108.563	-0.41	Salivary gland	3R:-:13775103-13777041,13774828-13775000	exon=> In CDS Exon 4 and 3 of transcript AGAP008632-PA
JHU_Ag_99719	NIAPYASVIVNGIYWAVGAPK	AGAP008632-PA	N11(Deamidated)	92	3.21E-09	2	2203.200	4.04	Malpighian tubule	3R:-:13776690-13776628	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_100348	NLLRPANTPWLPTSR	AGAP008632-PA	-	67	1.02E-06	1	1735.960	-0.23	Midgut	3R:-:13776603-13776559	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_101788	DCGYEISLGMMPK	AGAP008632-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation), M11(Oxidation)"	91	2.89E-09	2	1532.645	1.56	Malpighian tubule	3R:-:13776984-13776946	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_102388	MGSPLDTLSYYLSK	AGAP008632-PA	M1(Oxidation)	94	6.63E-09	1	1574.786	5.83	Malpighian tubule	3R:-:13775145-13775104	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_103029	ASFSPANVK	AGAP008632-PA	-	37	0.002932937	1	920.484	0.45	Midgut	3R:-:13779284-13779258	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_103624	LITIPDAK	AGAP008632-PA	-	40	0.000427808	1	870.529	-0.21	Midgut	3R:-:13776627-13776604	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_104402	GVVLPFSADIYRPMLAR	AGAP008632-PA	M14(Oxidation)	76	1.51E-07	1	1921.041	2.48	Malpighian tubule	3R:-:13774724-13774674	exon=> In CDS Exon 5 of transcript AGAP008632-PA

JHU_Ag_104520	DCGYEISLGMMPK	AGAP008632-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M10(Oxidation), M11(Oxidation)","C2(Carb amidomethyl), M11(Oxidation)"	92	1.98E-09	1	1532.641	-1.47	Midgut	3R:-:13776984-13776946	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_104920	ASFSPANVKK	AGAP008632-PA	-	53	4.92E-05	1	1048.580	1.2	Malpighian tubule	3R:-:13779284-13779255	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_105441	TYCFFSHTIK	AGAP008632-PA	C3(Carbamidomethyl)	46	0.000412489	1	1303.613	-0.6	Ovary	3R:-:13777341-13777312	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_106806	TYCFFSHTIK	AGAP008632-PA	C3(Carbamidomethyl)	65	4.58E-06	1	1303.617	2.67	Salivary gland	3R:-:13777341-13777312	exon=> In CDS Exon 2 of transcript AGAP008632-PA
JHU_Ag_107659	VGTIEGLEELGLLDNVPVVK	AGAP008632-PA	-	80	3.63E-08	1	2094.170	0.28	Ovary	3R:-:13775205-13775146	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_107946	ASFSPANVKK	AGAP008632-PA	-	41	0.000950576	1	1048.578	-0.43	Midgut	3R:-:13779284-13779255	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_108258	YQSLYGLTNINTLLR	AGAP008632-PA	-	58	1.36E-05	2	1768.965	3.12	Visceras	3R:-:13775445-13775401	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_109009	VIVQPSNR	AGAP008632-PA	-	40	0.000534925	2	912.526	-0.41	Midgut	3R:-:13779233-13779210	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_110000	GSPALPHR	AGAP008632-PA	-	52	7.30E-05	1	834.460	1.77	Malpighian tubule	3R:-:13776558-13776535	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_110614	VGTIEGLEELGLLDNVPVVK	AGAP008632-PA	-	109	4.03E-11	1	2094.177	3.55	Malpighian tubule	3R:-:13775205-13775146	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_110738	YQSLYGLTNINTLLR	AGAP008632-PA	-	121	8.14E-12	2	1768.956	-1.64	Midgut	3R:-:13775445-13775401	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_114191	REDQSVWER	AGAP008632-PA	-	41	0.000916016	1	1204.570	-0.59	Salivary gland	3R:-:13779314-13779288	exon=> In CDS Exon 1 of transcript AGAP008632-PA
JHU_Ag_114376	YQSLYGLTNINTLLR	AGAP008632-PA	-	116	1.99E-11	1	1768.962	1.67	Salivary gland	3R:-:13775445-13775401	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_115166	GVVLPFSADIYRPMLAR	AGAP008632-PA	M14(Oxidation)	52	3.58E-05	1	1905.043	0.54	Ovary	3R:-:13774724-13774674	exon=> In CDS Exon 5 of transcript AGAP008632-PA
JHU_Ag_115319	LEQEGLTATTTTK	AGAP008632-PA	-	56	3.16E-05	2	1392.727	3.6	Visceras	3R:-:13774673-13774635	exon=> In CDS Exon 5 of transcript AGAP008632-PA
JHU_Ag_116904	GQVVEISGGGELMSAPR	AGAP008632-PA	M13(Oxidation)	98	2.36E-09	2	1686.847	-0.42	Ovary	3R:-:13775556-13775506	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_117041	GPGVLVCSIDNMPTQLPR	AGAP008632-PA	C7(Carbamidomethyl), M12(Oxidation),C7(Carba midomethyl)	111	9.28E-11	1	1953.992	1.68	Salivary gland	3R:-:13776405-13776352	exon=> In CDS Exon 3 of transcript AGAP008632-PA
JHU_Ag_19460	DLIILR	AGAP008632-PA,AGAP004685-PA,AGAP004685-PB	-	34	0.002502811	2	742.484	2.84	Salivary gland	3R:-:13774999-13774982;2L:-:496255-496238;2L:-:496255-496238	exon=> In CDS Exon 4 of transcript AGAP008632-PA;exon=> In CDS Exon 4 of transcript AGAP004685-PA;exon=> In CDS Exon 2 of transcript AGAP004685-PB
JHU_Ag_45690	DLIILR	AGAP008632-PA,AGAP004685-PA,AGAP004685-PB	-	42	0.000242056	2	742.481	-1.84	Malpighian tubule	3R:-:13774999-13774982;2L:-:496255-496238;2L:-:496255-496238	exon=> In CDS Exon 4 of transcript AGAP008632-PA;exon=> In CDS Exon 4 of transcript AGAP004685-PA;exon=> In CDS Exon 2 of transcript AGAP004685-PB
JHU_Ag_55946	DLIILR	AGAP008632-PA,AGAP004685-PA,AGAP004685-PB	-	42	0.000207405	1	742.482	-0.18	Midgut	3R:-:13774999-13774982;2L:-:496255-496238;2L:-:496255-496238	exon=> In CDS Exon 4 of transcript AGAP008632-PA;exon=> In CDS Exon 4 of transcript AGAP004685-PA;exon=> In CDS Exon 2 of transcript AGAP004685-PB
JHU_Ag_14244	VPPVAQDAAPAR	AGAP008633-PA	-	45	0.000345864	1	1191.649	0.82	Salivary gland	3R:+:13787609-13787644	exon=> In CDS Exon 4 of transcript AGAP008633-PA

JHU_Ag_48107	LIYSGQLLGDSVVLK	AGAP008633-PA	-	114	7.01E-12	2	1604.933	4.47	Salivary gland	3R:+:13786207-13786251	exon=> In CDS Exon 2 of transcript AGAP008633-PA
JHU_Ag_109960	ASNQQCEDLTIK	AGAP008633-PA	C6(Carbamidomethyl)	44	0.000586841	2	1406.656	-1.61	Salivary gland	3R:+:13783661-13783696	exon=> In CDS Exon 1 of transcript AGAP008633-PA
JHU_Ag_4209	VTLESFLAWK	AGAP008634-PA	-	65	2.45E-06	1	1193.661	3.89	Malpighian tubule	3R:-:13790581-13790552	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_19215	EMFSFNPDLIDDGTDDGEAVESYGR	AGAP008634-PA	M2(Oxidation)	147	7.24E-15	1	2795.164	0.45	Ovary	3R:-:13790452-13790378	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_21268	IIEDKTFGLK	AGAP008634-PA	-	52	3.52E-05	1	1163.668	0.57	Malpighian tubule	3R:-:13791448-13791508,13790866-13791289	exon=> In CDS Exon 2 and 1 of transcript AGAP008634-PA
JHU_Ag_23319	AESQKEEISLVDLIER	AGAP008634-PA	-	73	5.57E-07	1	1858.977	0.85	Ovary	3R:-:13790662-13790615	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_29672	NEDDDDATEYR	AGAP008634-PA	-	75	1.34E-08	1	1342.503	0.07	Ovary	3R:-:13790377-13790345	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_35369	SVLCAFFK	AGAP008634-PA	C4(Carbamidomethyl)	45	0.000325276	2	971.502	0.06	Malpighian tubule	3R:-:13791090-13791067	exon=> In CDS Exon 2 of transcript AGAP008634-PA
JHU_Ag_36526	AALGPSQTR	AGAP008634-PA	-	69	1.45E-06	1	900.490	0.06	Malpighian tubule	3R:-:13790608-13790582	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_39504	DVDNTGTVAETDRWEK	AGAP008634-PA	-	79	2.05E-07	2	1835.868	14.92	Ovary	3R:-:13790308-13790794,13790029-13790194	exon=> In CDS Exon 4 and 3 of transcript AGAP008634-PA
JHU_Ag_43391	LFKPVATQK	AGAP008634-PA	-	55	9.90E-06	1	1031.624	-0.39	Ovary	3R:-:13791141-13791115	exon=> In CDS Exon 2 of transcript AGAP008634-PA
JHU_Ag_44541	VTLESFLAWK	AGAP008634-PA	-	67	1.83E-06	1	1193.661	3.99	Ovary	3R:-:13790581-13790552	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_45940	VTLESFLAWK	AGAP008634-PA	-	55	2.78E-05	2	1193.662	4.19	Salivary gland	3R:-:13790581-13790552	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_46990	SLYGWFWECPNGEK	AGAP008634-PA	C9(Carbamidomethyl)	39	0.000853665	2	1772.780	3.76	Ovary	3R:-:13790761-13790720	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_47343	VTLESFLAWK	AGAP008634-PA	-	60	1.06E-05	2	1193.659	2.05	Male reproductive organs	3R:-:13790581-13790552	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_53275	SGGQHNLATATNAK	AGAP008634-PA	-	80	1.23E-07	1	1369.681	-0.44	Malpighian tubule	3R:-:13791231-13791190	exon=> In CDS Exon 2 of transcript AGAP008634-PA
JHU_Ag_54457	DVDNTGTVAETDRWEK	AGAP008634-PA	-	108	1.74E-10	1	1835.848	4.01	Malpighian tubule	3R:-:13790308-13790794,13790029-13790194	exon=> In CDS Exon 4 and 3 of transcript AGAP008634-PA
JHU_Ag_54629	VTLESFLAWK	AGAP008634-PA	-	68	1.42E-06	2	1193.660	2.97	Visceras	3R:-:13790581-13790552	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_57254	LFKPVATQK	AGAP008634-PA	-	29	0.002144236	1	1031.635	9.9	Male reproductive organs	3R:-:13791141-13791115	exon=> In CDS Exon 2 of transcript AGAP008634-PA
JHU_Ag_64191	SGGQHNLATATNAK	AGAP008634-PA	-	94	4.70E-09	1	1369.683	0.54	Ovary	3R:-:13791231-13791190	exon=> In CDS Exon 2 of transcript AGAP008634-PA
JHU_Ag_66236	EEISLVDLIER	AGAP008634-PA	-	67	2.90E-06	2	1315.715	3.1	Ovary	3R:-:13790647-13790615	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_70286	HALPPGYVLK	AGAP008634-PA	-	37	0.000892774	1	1094.635	-0.28	Ovary	3R:-:13790707-13790678	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_71858	SVLCAFFK	AGAP008634-PA	C4(Carbamidomethyl)	37	0.001972951	1	971.503	1.19	Ovary	3R:-:13791090-13791067	exon=> In CDS Exon 2 of transcript AGAP008634-PA
JHU_Ag_74800	YFLDAVER	AGAP008634-PA	-	67	2.19E-06	1	1012.510	-0.05	Ovary	3R:-:13790785-13790762	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_91504	ELDLNMLSLNIK	AGAP008634-PA	M6(Oxidation)	80	1.56E-07	2	1418.758	1.64	Ovary	3R:-:13790344-13790309	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_107796	DVDNTGTVAETDR	AGAP008634-PA	-	92	5.40E-09	2	1392.626	1.76	Head	3R:-:13790308-13790794,13790029-13790203	exon=> In CDS Exon 4 and 3 of transcript AGAP008634-PA

JHU_Ag_108264	EEISLVDLIER	AGAP008634-PA	-	59	2.21E-05	2	1315.715	3.38	Head	3R:-:13790647-13790615	exon=> In CDS Exon 3 of transcript AGAP008634-PA
JHU_Ag_108954	LAEVVAK	AGAP008634-PA	-	51	3.83E-05	2	729.450	-0.69	Ovary	3R:-:13790925-13790905	exon=> In CDS Exon 2 of transcript AGAP008634-PA
JHU_Ag_76271	IEQERVK	AGAP008635-PA	Q3(Deamidated)	42	0.001485075	1	902.497	3.55	Salivary gland	3R:+:13794658-13794678	exon=> In CDS Exon 3 of transcript AGAP008635-PA
JHU_Ag_34261	TNVGIYTPK	AGAP008636-PA	N2(Deamidated)	46	0.00033047	2	993.535	10.1	Malpighian tubule	3R:-:13803447-13803421	exon=> In CDS Exon 2 of transcript AGAP008636-PA
JHU_Ag_58184	TNVGIYTPK	AGAP008636-PA	N2(Deamidated)	37	0.002455459	1	993.536	10.78	Male reproductive organs	3R:-:13803447-13803421	exon=> In CDS Exon 2 of transcript AGAP008636-PA
JHU_Ag_803	NTPSEPIHCIVWAK	AGAP008637-PA	C9(Carbamidomethyl)	50	0.000157874	1	1651.830	2.4	Head	3R:+:13806495-13806536	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_4235	EAGREEAPFEIVADPDSLKPK	AGAP008637-PA	-	75	4.35E-07	1	2298.169	3.32	Ovary	3R:+:13807716-13807778	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_5637	VLVVGAGGIGCEILK	AGAP008637-PA	C11(Carbamidomethyl)	47	9.17E-05	2	1484.859	5.69	Malpighian tubule	3R:+:13805804-13805848	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_8516	AAQLDGVFEAELQK	AGAP008637-PA	N-Term(Acetyl)	91	1.24E-08	2	1560.793	1.3	Head	3R:+:13805744-13805785	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_9522	NTPSEPIHCIVWAK	AGAP008637-PA	C9(Carbamidomethyl)	52	0.000111108	2	1651.827	0.78	Salivary gland	3R:+:13806495-13806536	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_11192	NTPSEPIHCIVWAK	AGAP008637-PA	C9(Carbamidomethyl)	59	1.96E-05	1	1651.838	6.99	Malpighian tubule	3R:+:13806495-13806536	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_13160	EFRDDILIK	AGAP008637-PA	-	34	0.004303513	2	1148.633	1.46	Ovary	3R:+:13807500-13807526	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_13433	VLVVGAGGIGCEILK	AGAP008637-PA	C11(Carbamidomethyl)	89	6.84E-09	2	1484.852	0.92	Ovary	3R:+:13805804-13805848	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_18429	AAQLDGVFEAELQK	AGAP008637-PA	N-Term(Acetyl)	72	1.06E-06	2	1560.788	-1.83	Male reproductive organs	3R:+:13805744-13805785	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_18494	GLTSCYECVPQPAQK	AGAP008637-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	79	1.82E-07	1	1737.796	1.18	Ovary	3R:+:13806426-13806470	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_21014	NQFIVPETLIIPPKPK	AGAP008637-PA	-	52	3.31E-06	1	1834.097	7.46	Malpighian tubule	3R:+:13807386-13807433	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_27099	AAQLDGVFEAELQKK	AGAP008637-PA	N-Term(Acetyl)	48	0.00020868	1	1688.890	2.87	Visceras	3R:+:13805744-13805788	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_27540	AQIFGIPR	AGAP008637-PA	-	46	0.000296083	2	901.525	-0.3	Salivary gland	3R:+:13807107-13807130	exon=> In CDS Exon 4 of transcript AGAP008637-PA
JHU_Ag_28584	AAQLDGVFEAELQK	AGAP008637-PA	N-Term(Acetyl)	68	2.69E-06	1	1560.794	2.32	Salivary gland	3R:+:13805744-13805785	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_31801	ADDFLQNYELSITVLHK	AGAP008637-PA	-	52	8.80E-05	1	2006.029	2.97	Salivary gland	3R:+:13807665-13807715	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_32330	VLQQEYEACK	AGAP008637-PA	C9(Carbamidomethyl)	68	2.14E-06	1	1267.597	-1.02	Head	3R:+:13807323-13807352	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_34649	NQFIVPETLIIPPKPK	AGAP008637-PA	-	62	6.49E-07	2	1834.086	1.47	Ovary	3R:+:13807386-13807433	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_37256	VSSSHPMDDDDDDLVILD	AGAP008637-PA	M7(Oxidation)	53	2.06E-05	1	2003.846	3.57	Ovary	3R:+:13808070-13808123	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_41386	AQIFGIPR	AGAP008637-PA	-	49	0.000126303	2	901.525	-0.03	Ovary	3R:+:13807107-13807130	exon=> In CDS Exon 4 of transcript AGAP008637-PA
JHU_Ag_42075	GLTSCYECVPQPAQK	AGAP008637-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	80	1.22E-07	2	1737.801	4.27	Malpighian tubule	3R:+:13806426-13806470	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_42135	ADDFLQNYELSITVLHK	AGAP008637-PA	-	65	4.75E-06	1	2006.030	3.52	Ovary	3R:+:13807665-13807715	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_43784	CYVCAAKPEVVLK	AGAP008637-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	43	0.000722424	2	1536.798	4.18	Ovary	3R:+:13807434-13807472	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_44743	AAADAVTTPGK	AGAP008637-PA	-	51	0.000121095	2	1001.530	3.26	Ovary	3R:+:13807977-13808009	exon=> In CDS Exon 5 of transcript AGAP008637-PA

JHU_Ag_47632	VLVVGAGGIGCEILK	AGAP008637-PA	C11(Carbamidomethyl)	53	2.99E-05	2	1484.851	-0.06	Male reproductive organs	3R:+:13805804-13805848	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_49003	GLTSCYECVPQPAQK	AGAP008637-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	67	2.45E-06	1	1737.798	2.58	Male reproductive organs	3R:+:13806426-13806470	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_54839	HAPEDDEPANKK	AGAP008637-PA	-	48	0.000213888	2	1350.634	4.04	Ovary	3R:+:13808028-13808063	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_59774	GLTSCYECVPQPAQK	AGAP008637-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	72	9.61E-07	1	1737.800	3.99	Salivary gland	3R:+:13806426-13806470	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_59977	AAQLDGVFEAELQKK	AGAP008637-PA	N-Term(Acetyl)	42	0.000969086	1	1688.888	1.71	Salivary gland	3R:+:13805744-13805788	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_64564	EFRDDILIK	AGAP008637-PA	-	38	0.001339702	1	1148.636	4.54	Malpighian tubule	3R:+:13807500-13807526	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_66081	LCLTADVPLIESGTAGYNGQVELIKR	AGAP008637-PA	C2(Carbamidomethyl)	53	2.86E-05	1	2817.490	2.83	Ovary	3R:+:13806348-13806425	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_67998	AAADAVTTPGK	AGAP008637-PA	-	64	6.61E-06	2	1001.529	2.59	Malpighian tubule	3R:+:13807977-13808009	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_69634	AAQLDGVFEAELQK	AGAP008637-PA	N-Term(Acetyl)	45	0.000502031	2	1560.794	1.93	Visceras	3R:+:13805744-13805785	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_77419	VLQQEYEACK	AGAP008637-PA	C9(Carbamidomethyl)	41	0.001018002	2	1267.597	-1.7	Male reproductive organs	3R:+:13807323-13807352	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_77936	AAQLDGVFEAELQKK	AGAP008637-PA	N-Term(Acetyl)	72	8.60E-07	1	1688.895	5.76	Malpighian tubule	3R:+:13805744-13805788	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_78041	AQIFGIPR	AGAP008637-PA	-	50	0.000105777	1	901.525	-0.91	Male reproductive organs	3R:+:13807107-13807130	exon=> In CDS Exon 4 of transcript AGAP008637-PA
JHU_Ag_79886	EEAPFEIVADPDSLKPK	AGAP008637-PA	-	52	0.000106192	1	1884.962	1.77	Head	3R:+:13807728-13807778	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_80305	NQFIVPETLIIPPKPK	AGAP008637-PA	-	37	0.00015361	1	1834.091	3.9	Visceras	3R:+:13807386-13807433	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_80600	VSSSHPMDDDDDDLVILD	AGAP008637-PA	M7(Oxidation)	34	0.001945411	1	2003.847	3.93	Salivary gland	3R:+:13808070-13808123	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_85160	GLTSCYECVPQPAQK	AGAP008637-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	55	4.17E-05	2	1737.795	0.83	Head	3R:+:13806426-13806470	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_86151	ESALAFNPNAK	AGAP008637-PA	-	66	4.39E-06	1	1161.594	3.72	Malpighian tubule	3R:+:13806121-13806153	exon=> In CDS Exon 2 of transcript AGAP008637-PA
JHU_Ag_87642	ESALAFNPNAK	AGAP008637-PA	-	49	0.000226297	2	1161.590	0.18	Salivary gland	3R:+:13806121-13806153	exon=> In CDS Exon 2 of transcript AGAP008637-PA
JHU_Ag_88091	VLQQEYEACK	AGAP008637-PA	C9(Carbamidomethyl)	77	2.92E-07	1	1267.599	0.42	Salivary gland	3R:+:13807323-13807352	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_88129	VLQQEYEACKTVYVR	AGAP008637-PA	C9(Carbamidomethyl)	42	0.00110084	1	1885.957	4.83	Malpighian tubule	3R:+:13807323-13807367	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_90501	EAGREEAPFEIVADPDSLKPK	AGAP008637-PA	-	71	1.05E-06	1	2298.165	1.65	Head	3R:+:13807716-13807778	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_91168	NQFIVPETLIIPPKPK	AGAP008637-PA	-	59	1.79E-06	1	1834.085	0.5	Male reproductive organs	3R:+:13807386-13807433	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_91577	AAQLDGVFEAELQKK	AGAP008637-PA	N-Term(Acetyl)	98	2.56E-09	1	1688.888	1.42	Ovary	3R:+:13805744-13805788	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_92440	LCLTADVPLIESGTAGYNGQVELIKR	AGAP008637-PA	C2(Carbamidomethyl)	64	2.51E-06	1	2817.497	5.3	Malpighian tubule	3R:+:13806348-13806425	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_101557	VLQQEYEACK	AGAP008637-PA	C9(Carbamidomethyl)	68	2.59E-06	2	1267.599	0.33	Ovary	3R:+:13807323-13807352	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_105322	CYVCAAKPEVVLK	AGAP008637-PA	C1(Carbamidomethyl), C4(Carbamidomethyl)	43	0.000776441	2	1536.791	0.05	Salivary gland	3R:+:13807434-13807472	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_106678	ADDFLQNYELSITVLHK	AGAP008637-PA	-	46	0.000336368	1	2006.030	3.61	Visceras	3R:+:13807665-13807715	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_108709	AAQLDGVFEAELQK	AGAP008637-PA	N-Term(Acetyl)	73	8.18E-07	2	1560.801	6.46	Malpighian tubule	3R:+:13805744-13805785	exon=> In CDS Exon 1 of transcript AGAP008637-PA

JHU_Ag_110155	NQFIVPETLIIPPKPK	AGAP008637-PA	-	49	1.21E-05	1	1834.090	3.14	Salivary gland	3R:+:13807386-13807433	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_113257	AAQLDGVFEAELQK	AGAP008637-PA	N-Term(Acetyl)	86	4.14E-08	1	1560.792	0.83	Ovary	3R:+:13805744-13805785	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_115421	NTPSEPIHCIVWAK	AGAP008637-PA	C9(Carbamidomethyl)	93	9.13E-09	1	1651.830	2.63	Ovary	3R:+:13806495-13806536	exon=> In CDS Exon 3 of transcript AGAP008637-PA
JHU_Ag_116188	AAQLDGVFEAELQKK	AGAP008637-PA	N-Term(Acetyl)	78	2.20E-07	1	1688.886	0.55	Male reproductive organs	3R:+:13805744-13805788	exon=> In CDS Exon 1 of transcript AGAP008637-PA
JHU_Ag_116201	AAADAVTTPGKSVEK	AGAP008637-PA	-	68	2.03E-06	1	1444.769	3.24	Malpighian tubule	3R:+:13807977-13808021	exon=> In CDS Exon 5 of transcript AGAP008637-PA
JHU_Ag_116892	AQIFGIPR	AGAP008637-PA	-	50	9.96E-05	1	901.528	2.82	Malpighian tubule	3R:+:13807107-13807130	exon=> In CDS Exon 4 of transcript AGAP008637-PA
JHU_Ag_1970	EPSSLALGTIIDGSDSKPALMLTNIVTGR	AGAP008639-PA	M21(Oxidation)	115	1.88E-11	1	2972.562	0.44	Midgut	3R:+:13814412-13814474,13814544-13814567	exon=> In CDS Exon 3 and 4 of transcript AGAP008639-PA
JHU_Ag_2484	DYTILGTSVVGIR	AGAP008639-PA	-	59	8.26E-06	2	1393.771	2.01	Midgut	3R:+:13814985-13815023	exon=> In CDS Exon 5 of transcript AGAP008639-PA
JHU_Ag_7005	LSGLAEGLYQFK	AGAP008639-PA	-	84	3.74E-08	2	1325.709	-0.94	Midgut	3R:+:13813243-13813278	exon=> In CDS Exon 2 of transcript AGAP008639-PA
JHU_Ag_10530	INKPPHAVITPANQPVR	AGAP008639-PA	-	47	6.33E-05	1	1852.058	1.65	Head	3R:+:13813351-13813401	exon=> In CDS Exon 2 of transcript AGAP008639-PA
JHU_Ag_59476	INKPPHAVITPANQPVR	AGAP008639-PA	-	62	2.25E-06	1	1852.055	-0.03	Midgut	3R:+:13813351-13813401	exon=> In CDS Exon 2 of transcript AGAP008639-PA
JHU_Ag_59653	YNYLWTLVSQPK	AGAP008639-PA	-	62	7.75E-06	2	1511.788	-1.11	Midgut	3R:+:13813159-13813194	exon=> In CDS Exon 2 of transcript AGAP008639-PA
JHU_Ag_73719	TSGDRYNYLWTLVSQPK	AGAP008639-PA	-	48	0.000210706	1	2028.017	-0.59	Midgut	3R:+:13813144-13813194	exon=> In CDS Exon 2 of transcript AGAP008639-PA
JHU_Ag_76986	LPTNEATLSAYVIPDEK	AGAP008639-PA	-	131	1.09E-12	1	1860.958	-0.38	Midgut	3R:+:13813093-13813143	exon=> In CDS Exon 2 of transcript AGAP008639-PA
JHU_Ag_8609	SCAYEDVNTPPNSCLNAQTPSYIK	AGAP008640-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	73	4.24E-07	2	2729.212	-2.39	Head	3R:+:13839697-13839768	exon=> In CDS Exon 3 of transcript AGAP008640-PA
JHU_Ag_26277	SCAYEDVNTPPNSCLNAQTPSYIK	AGAP008640-PA	C2(Carbamidomethyl), C14(Carbamidomethyl)	74	4.36E-07	2	2729.233	5.39	Ovary	3R:+:13839697-13839768	exon=> In CDS Exon 3 of transcript AGAP008640-PA
JHU_Ag_37591	CSSDASTAAFCDDPFTQDIITEQQR	AGAP008640-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	108	9.17E-11	2	2863.219	1.45	Head	3R:+:13834701-13834775	exon=> In CDS Exon 2 of transcript AGAP008640-PA
JHU_Ag_84018	CSSDASTAAFCDDPFTQDIITEQQRR	AGAP008640-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	99	8.92E-10	1	3019.319	1.03	Malpighian tubule	3R:+:13834701-13834778	exon=> In CDS Exon 2 of transcript AGAP008640-PA
JHU_Ag_88199	WSYVDCSYPPQVNYQFNQANQQTRPVCK	AGAP008640-PA	C6(Carbamidomethyl), C27(Carbamidomethyl)	61	8.23E-06	1	3477.583	2.47	Visceras	3R:+:13834779-13834862	exon=> In CDS Exon 2 of transcript AGAP008640-PA
JHU_Ag_108899	CSSDASTAAFCDDPFTQDIITEQQR	AGAP008640-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	83	2.97E-08	1	2863.219	1.61	Visceras	3R:+:13834701-13834775	exon=> In CDS Exon 2 of transcript AGAP008640-PA
JHU_Ag_111949	WSYVDCSYPPQVNYQFNQANQQTRPVCK	AGAP008640-PA	C6(Carbamidomethyl), C27(Carbamidomethyl)	82	6.64E-08	1	3477.576	0.68	Head	3R:+:13834779-13834862	exon=> In CDS Exon 2 of transcript AGAP008640-PA
JHU_Ag_117585	IEAEGIAIGTKPDPSYPWFEDETSSPGLR	AGAP008644-PA	-	152	9.52E-15	1	3162.539	3.77	Head	3R:-:13877514-13877658,13877216-13877347	exon=> In CDS Exon 2 and 1 of transcript AGAP008644-PA
JHU_Ag_32341	GVSCDGQTTINSCEDCKR	AGAP008645-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C16(Carbamidomethyl)	36	0.001088388	1	2086.870	5.23	Malpighian tubule	3R:+:13896850-13896870,13896970-13897002	exon=> In CDS Exon 2 and 3 of transcript AGAP008645-PA
JHU_Ag_102515	YCGYGYLNR	AGAP008645-PA	C2(Carbamidomethyl)	34	0.003392495	2	1165.509	-0.58	Midgut	3R:+:13896820-13896846	exon=> In CDS Exon 2 of transcript AGAP008645-PA
JHU_Ag_11811	SETNVDPDKYLPTSPSVN	AGAP008647-PA	-	53	7.27E-05	1	1962.937	4.21	Malpighian tubule	3R:+:13940567-13940620	exon=> In CDS Exon 4 of transcript AGAP008647-PA
JHU_Ag_114705	IFDSMGDYK	AGAP008647-PA	M5(Oxidation)	38	0.000712205	2	1091.471	-0.4	Midgut	3R:+:13940062-13940088	exon=> In CDS Exon 3 of transcript AGAP008647-PA

JHU_Ag_102094	NALLGEAQTPHILSR	AGAP008648-PA	-	75	2.05E-07	2	1619.889	1.55	Midgut	3R:+:13985933-13985977	exon=> In CDS Exon 3 of transcript AGAP008648-PA
JHU_Ag_67319	LTVVIIK	AGAP008650-PA	-	39	2.53E-05	2	785.551	2.34	Head	3R:+:14046716-14046736	exon=> In CDS Exon 5 of transcript AGAP008650-PA
JHU_Ag_10592	NSQEVAIPPVVEK	AGAP008652-PA	-	53	4.05E-05	1	1409.763	-0.05	Male reproductive organs	3R:+:14051289-14051327	exon=> In CDS Exon 1 of transcript AGAP008652-PA
JHU_Ag_15248	FGNVAFK	AGAP008652-PA	-	42	0.000606227	2	782.420	0.41	Malpighian tubule	3R:+:14051397-14051417	exon=> In CDS Exon 1 of transcript AGAP008652-PA
JHU_Ag_35266	FPVIQHVYFGSILTLK	AGAP008652-PA	-	103	1.24E-10	1	1862.053	-2.46	Ovary	3R:+:14052078-14052125	exon=> In CDS Exon 2 of transcript AGAP008652-PA
JHU_Ag_42559	YIILAR	AGAP008652-PA	-	31	0.000907189	2	748.472	1.05	Ovary	3R:+:14051733-14051750	exon=> In CDS Exon 2 of transcript AGAP008652-PA
JHU_Ag_50757	FGNVAFK	AGAP008652-PA	-	42	0.000710103	2	782.419	-0.3	Male reproductive organs	3R:+:14051397-14051417	exon=> In CDS Exon 1 of transcript AGAP008652-PA
JHU_Ag_50963	KLQVTYR	AGAP008652-PA	-	36	0.001254162	1	907.536	0.33	Ovary	3R:+:14051751-14051771	exon=> In CDS Exon 2 of transcript AGAP008652-PA
JHU_Ag_62987	FGNVAFK	AGAP008652-PA	-	47	0.00021609	2	782.420	0.09	Ovary	3R:+:14051397-14051417	exon=> In CDS Exon 1 of transcript AGAP008652-PA
JHU_Ag_4901	FVGLDK	AGAP008653-PA	-	33	0.003313774	1	678.382	-0.72	Head	3R:+:14061926-14061943	exon=> In CDS Exon 1 of transcript AGAP008653-PA
JHU_Ag_5039	FSYMPYSTTRPK	AGAP008653-PA	M4(Oxidation)	61	1.07E-05	1	1493.706	-2.1	Midgut	3R:+:14062478-14062478,14062547-14062581	exon=> In CDS Exon 3 and 4 of transcript AGAP008653-PA
JHU_Ag_11733	LFNYIR	AGAP008653-PA	-	38	0.00097649	2	825.461	-1.4	Head	3R:+:14061953-14061970	exon=> In CDS Exon 1 of transcript AGAP008653-PA
JHU_Ag_13003	DGNRPHYAWMLDHSDNK	AGAP008653-PA	M10(Oxidation)	92	5.08E-09	1	2055.912	1.43	Visceras	3R:+:14062415-14062465	exon=> In CDS Exon 3 of transcript AGAP008653-PA
JHU_Ag_26806	FSYMPYSTTRPK	AGAP008653-PA	M4(Oxidation)	74	6.35E-07	1	1493.711	0.76	Malpighian tubule	3R:+:14062478-14062478,14062547-14062581	exon=> In CDS Exon 3 and 4 of transcript AGAP008653-PA
JHU_Ag_30176	YYEDPSQFYGR	AGAP008653-PA	-	72	3.53E-07	1	1424.612	0.34	Male reproductive organs	3R:+:14062198-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_52225	ASLYKLYR	AGAP008653-PA	-	41	0.000513504	1	1013.579	1.15	Malpighian tubule	3R:+:14061989-14062011,14062143-14062143	exon=> In CDS Exon 1 and 2 of transcript AGAP008653-PA
JHU_Ag_53415	DGNRPHYAWMLDHSDNK	AGAP008653-PA	M10(Oxidation)	94	2.79E-09	1	2055.900	-4.44	Midgut	3R:+:14062415-14062465	exon=> In CDS Exon 3 of transcript AGAP008653-PA
JHU_Ag_60349	YGNKYYEDPSQFYGR	AGAP008653-PA	-	34	0.003499479	1	1886.840	2.72	Malpighian tubule	3R:+:14062186-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_61595	FVGLDK	AGAP008653-PA	-	38	0.002537246	1	678.384	3.15	Visceras	3R:+:14061926-14061943	exon=> In CDS Exon 1 of transcript AGAP008653-PA
JHU_Ag_64965	LFNYIR	AGAP008653-PA	-	31	0.004680323	1	825.464	2.37	Midgut	3R:+:14061953-14061970	exon=> In CDS Exon 1 of transcript AGAP008653-PA
JHU_Ag_65313	YYEDPSQFYGR	AGAP008653-PA	-	80	5.71E-08	1	1424.616	3.17	Malpighian tubule	3R:+:14062198-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_70603	YYEDPSQFYGR	AGAP008653-PA	-	79	6.23E-08	2	1424.610	-0.94	Midgut	3R:+:14062198-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_74861	FSYMPYSTTRPK	AGAP008653-PA	M4(Oxidation)	44	0.000600969	1	1493.710	0.43	Male reproductive organs	3R:+:14062478-14062478,14062547-14062581	exon=> In CDS Exon 3 and 4 of transcript AGAP008653-PA
JHU_Ag_78651	YGNKYYEDPSQFYGR	AGAP008653-PA	-	34	0.003523839	1	1886.833	-0.87	Head	3R:+:14062186-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_80471	LVGEDKYGNK	AGAP008653-PA	-	67	3.70E-06	1	1122.582	2.41	Visceras	3R:+:14062168-14062197	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_82945	YYEDPSQFYGR	AGAP008653-PA	-	94	2.36E-09	1	1424.610	-1.03	Head	3R:+:14062198-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA

JHU_Ag_88643	VEGWDPKK	AGAP008653-PA	-	35	0.004001117	2	958.502	3.12	Visceras	3R:+:14062582-14062605	exon=> In CDS Exon 4 of transcript AGAP008653-PA
JHU_Ag_91321	YYEDPSQFYGR	AGAP008653-PA	-	84	2.48E-08	1	1424.614	1.8	Visceras	3R:+:14062198-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_94281	FSYMPYSTTRPK	AGAP008653-PA	M4(Oxidation)	73	7.10E-07	1	1493.712	1.57	Head	3R:+:14062478-14062478,14062547-14062581	exon=> In CDS Exon 3 and 4 of transcript AGAP008653-PA
JHU_Ag_96258	DGNRPHYAWMLDHSDNK	AGAP008653-PA	M10(Oxidation)	88	1.27E-08	1	2071.906	1.2	Head	3R:+:14062415-14062465	exon=> In CDS Exon 3 of transcript AGAP008653-PA
JHU_Ag_96710	LFNYIR	AGAP008653-PA	-	34	0.002100274	1	825.465	3.34	Malpighian tubule	3R:+:14061953-14061970	exon=> In CDS Exon 1 of transcript AGAP008653-PA
JHU_Ag_101985	TDLPPNR	AGAP008653-PA	-	35	0.00175951	2	812.427	1.66	Visceras	3R:+:14062394-14062414	exon=> In CDS Exon 3 of transcript AGAP008653-PA
JHU_Ag_105923	VEGWDPKK	AGAP008653-PA	-	36	0.003084475	1	958.500	1.21	Malpighian tubule	3R:+:14062582-14062605	exon=> In CDS Exon 4 of transcript AGAP008653-PA
JHU_Ag_106208	FSYMPYSTTRPK	AGAP008653-PA	M4(Oxidation)	74	5.67E-07	1	1493.714	3.05	Visceras	3R:+:14062478-14062478,14062547-14062581	exon=> In CDS Exon 3 and 4 of transcript AGAP008653-PA
JHU_Ag_110232	FVGLDK	AGAP008653-PA	-	41	0.000474672	1	678.382	0.36	Male reproductive organs	3R:+:14061926-14061943	exon=> In CDS Exon 1 of transcript AGAP008653-PA
JHU_Ag_115617	YYEDPSQFYGR	AGAP008653-PA	-	76	1.60E-07	1	1424.613	1.2	Pupa	3R:+:14062198-14062230	exon=> In CDS Exon 2 of transcript AGAP008653-PA
JHU_Ag_66917	RELSSDK	AGAP008658-PA,AGAP012981-PA,AGAP003200-PA	-	38	0.00219187	2	834.428	-4.3	Head	3R:-:14504604-14504584;2R:+:33781816-33781836;2R:+:33799787-33799807	exon=> In CDS Exon 5 of transcript AGAP008658-PA;exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_61120	QLEQERQTR	AGAP008661-PA	-	37	0.003474455	1	1187.624	9.62	Pupa	3R:-:14565893-14565867	exon=> In CDS Exon 4 of transcript AGAP008661-PA
JHU_Ag_26186	IDSVIHFAALK	AGAP008664-PA	-	52	4.78E-05	2	1213.694	0.12	Pupa	3R:+:14581776-14581808	exon=> In CDS Exon 1 of transcript AGAP008664-PA
JHU_Ag_67099	DVLTIFGNDYDTPDGTGVR	AGAP008664-PA	-	63	6.86E-06	1	2054.971	2	Head	3R:+:14582193-14582249	exon=> In CDS Exon 1 of transcript AGAP008664-PA
JHU_Ag_105263	DVLTIFGNDYDTPDGTGVR	AGAP008664-PA	-	76	3.57E-07	2	2054.970	1.65	Pupa	3R:+:14582193-14582249	exon=> In CDS Exon 1 of transcript AGAP008664-PA
JHU_Ag_217	LGLVGLANTVAIEGAK	AGAP008667-PA	-	71	1.53E-07	1	1525.897	1.54	Ovary	3R:-:14642381-14642334	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_1092	MTEGILPEILFNELKPK	AGAP008667-PA	M1(Oxidation)	84	2.40E-08	1	1988.081	1.62	Malpighian tubule	3R:-:14642288-14642903,14641656-14642163	exon=> In CDS Exon 2 and 1 of transcript AGAP008667-PA
JHU_Ag_1640	SPDASVEVPTHQNQAAVYR	AGAP008667-PA	-	63	7.74E-06	1	2069.011	3.22	Larva	3R:-:14641315-14641259	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_2039	AINAVFLYK	AGAP008667-PA	-	35	0.001079024	2	1038.600	1.32	Malpighian tubule	3R:-:14638345-14638319	exon=> In CDS Exon 4 of transcript AGAP008667-PA
JHU_Ag_3532	LGLVGLANTVAIEGAK	AGAP008667-PA	-	86	6.27E-09	1	1525.897	1.06	Male reproductive organs	3R:-:14642381-14642334	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_4030	LGLVGLANTVAIEGAK	AGAP008667-PA	-	64	1.13E-06	2	1525.896	0.9	Salivary gland	3R:-:14642381-14642334	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_10028	TSIDEDVSPEYVQQVWNR	AGAP008667-PA	-	133	6.00E-13	1	2165.018	1.72	Malpighian tubule	3R:-:14642036-14641983	exon=> In CDS Exon 2 of transcript AGAP008667-PA
JHU_Ag_16124	IDVLVNNAGILR	AGAP008667-PA	-	73	1.38E-07	1	1296.765	0.84	Malpighian tubule	3R:-:14642609-14642574	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_16586	AGPEVKPLVPNPK	AGAP008667-PA	-	44	0.000138185	1	1345.783	-0.84	Male reproductive organs	3R:-:14641357-14641319	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_18587	VVVVTGAGAGLGR	AGAP008667-PA	-	96	1.09E-09	2	1155.683	-1.28	Salivary gland	3R:-:14642852-14642814	exon=> In CDS Exon 1 of transcript AGAP008667-PA

JHU_Ag_19107	AGPEVKPLVPNPK	AGAP008667-PA	-	33	0.001954 48	1	1345.783	-0.76	Pupa	3R:-:14641357-14641319	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_20624	VVVVTGAGAGLGR	AGAP008667-PA	-	69	5.44E-07	2	1155.689	3.58	Larva	3R:-:14642852-14642814	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_23465	MTEGILPEILFNELKPK	AGAP008667-PA	M1(Oxidation)	64	2.04E-06	1	1988.090	6.31	Larva	3R:-:14642288-14642903,14641656-14642163	exon=> In CDS Exon 2 and 1 of transcript AGAP008667-PA
JHU_Ag_27805	ISDEDWNLIHDVHLK	AGAP008667-PA	-	85	5.34E-08	1	1833.914	0.42	Malpighian tubule	3R:-:14642555-14642511	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_28114	AINAVFLYK	AGAP008667-PA	-	63	2.02E-06	1	1038.599	0.62	Ovary	3R:-:14638345-14638319	exon=> In CDS Exon 4 of transcript AGAP008667-PA
JHU_Ag_29400	AINAVFLYKITSGGK	AGAP008667-PA	-	27	0.005849 534	1	1581.904	2.52	Malpighian tubule	3R:-:14638345-14638301	exon=> In CDS Exon 4 of transcript AGAP008667-PA
JHU_Ag_30624	AGPEVKPLVPNPK	AGAP008667-PA	-	50	3.63E-05	1	1345.787	2.06	Malpighian tubule	3R:-:14641357-14641319	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_31681	MTEGILPEILFNELKPK	AGAP008667-PA	M1(Oxidation)	34	0.001973 676	1	1988.087	4.66	Visceras	3R:-:14642288-14642903,14641656-14642163	exon=> In CDS Exon 2 and 1 of transcript AGAP008667-PA
JHU_Ag_31711	EYALLFASR	AGAP008667-PA	-	53	4.29E-05	2	1069.570	2.02	Malpighian tubule	3R:-:14642813-14642787	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_33205	ENASKQLR	AGAP008667-PA	N2(Deamidated), Q6(Deamidated)	36	0.004339 614	2	947.473	-6.57	Salivary gland	3R:-:14642888-14642865	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_34610	FSKPVLPGQTLR	AGAP008667-PA	-	46	0.000109 954	1	1342.785	0.64	Malpighian tubule	3R:-:14641090-14641055	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_35868	MTEGILPEILFNELKPK	AGAP008667-PA	M1(Oxidation)	91	5.82E-09	1	1988.073	-2.18	Midgut	3R:-:14642288-14642903,14641656-14642163	exon=> In CDS Exon 2 and 1 of transcript AGAP008667-PA
JHU_Ag_37248	IDVLVNNAGILR	AGAP008667-PA	-	46	6.46E-05	2	1296.765	0.84	Salivary gland	3R:-:14642609-14642574	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_41331	EWVLDLK	AGAP008667-PA	-	40	0.002563 513	2	902.500	2.27	Visceras	3R:-:14638291-14638470,14637965-14638169	exon=> In CDS Exon 5 and 4 of transcript AGAP008667-PA
JHU_Ag_44010	RLNAIGEASLSLVGVLEK	AGAP008667-PA	-	42	0.000147 72	1	1869.087	3.45	Malpighian tubule	3R:-:14641958-14641905	exon=> In CDS Exon 2 of transcript AGAP008667-PA
JHU_Ag_46944	SNAADKVVEEIR	AGAP008667-PA	-	85	5.84E-08	2	1330.702	4.15	Larva	3R:-:14642732-14642697	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_47136	TSIDEDVSPEYVQQVWNR	AGAP008667-PA	-	55	4.38E-05	2	2165.016	0.59	Ovary	3R:-:14642036-14641983	exon=> In CDS Exon 2 of transcript AGAP008667-PA
JHU_Ag_49259	VVVNDLGGNFHGQGK	AGAP008667-PA	-	46	0.000381 428	1	1540.787	0.1	Malpighian tubule	3R:-:14642777-14642733	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_51386	DGQNNENSVTETFR	AGAP008667-PA	-	97	1.35E-09	1	1610.701	-1.99	Midgut	3R:-:14641898-14641857	exon=> In CDS Exon 2 of transcript AGAP008667-PA
JHU_Ag_54174	VVVNDLGGNFHGQGK	AGAP008667-PA	-	43	0.000668 024	1	1540.784	-1.92	Ovary	3R:-:14642777-14642733	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_56462	VVVVTGAGAGLGR	AGAP008667-PA	-	97	8.29E-10	2	1155.685	0.73	Male reproductive organs	3R:-:14642852-14642814	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_56615	LGLVGLANTVAIEGAK	AGAP008667-PA	-	105	8.45E-11	1	1525.895	0.02	Malpighian tubule	3R:-:14642381-14642334	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_57389	ISDEDWNLIHDVHLK	AGAP008667-PA	-	82	1.12E-07	1	1833.913	0.02	Pupa	3R:-:14642555-14642511	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_57485	LGLVGLANTVAIEGAK	AGAP008667-PA	-	76	6.58E-08	2	1525.893	-1.42	Head	3R:-:14642381-14642334	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_62675	TSIDEDVSPEYVQQVWNR	AGAP008667-PA	-	87	2.57E-08	1	2165.019	1.95	Pupa	3R:-:14642036-14641983	exon=> In CDS Exon 2 of transcript AGAP008667-PA
JHU_Ag_63836	VVVVTGAGAGLGR	AGAP008667-PA	-	75	1.41E-07	1	1155.686	0.94	Malpighian tubule	3R:-:14642852-14642814	exon=> In CDS Exon 1 of transcript AGAP008667-PA

JHU_Ag_64464	VVVVTGAGAGLGR	AGAP008667-PA	-	56	1.05E-05	2	1155.685	0.3	Pupa	3R:-:14642852-14642814	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_67732	FSKPVLPGQTLR	AGAP008667-PA	-	34	0.001910788	1	1342.784	-0.26	Midgut	3R:-:14641090-14641055	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_68165	IAGNIMLAQK	AGAP008667-PA	M6(Oxidation)	64	4.07E-06	2	1058.605	1.7	Malpighian tubule	3R:-:14638030-14638001	exon=> In CDS Exon 5 of transcript AGAP008667-PA
JHU_Ag_75903	RSPDASVEVPTHQNQAAVYR	AGAP008667-PA	-	43	0.000613676	1	2225.107	0.34	Pupa	3R:-:14641318-14641259	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_76576	RSPDASVEVPTHQNQAAVYR	AGAP008667-PA	-	55	4.63E-05	1	2225.099	-2.96	Midgut	3R:-:14641318-14641259	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_76907	ISDEDWNLIHDVHLKGSFLTTR	AGAP008667-PA	-	100	1.10E-09	1	2596.330	5.66	Malpighian tubule	3R:-:14642555-14642490	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_82924	VVVVTGAGAGLGR	AGAP008667-PA	-	71	3.26E-07	2	1155.681	-3.08	Midgut	3R:-:14642852-14642814	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_82969	EWVLDLK	AGAP008667-PA	-	53	0.000115198	1	902.503	5.13	Larva	3R:-:14638291-14638470,14637965-14638169	exon=> In CDS Exon 5 and 4 of transcript AGAP008667-PA
JHU_Ag_83122	NNIQCNVIVPTAASR	AGAP008667-PA	C5(Carbamidomethyl)	60	1.15E-05	1	1656.851	1.47	Pupa	3R:-:14642333-14642289	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_83264	LGLVGLANTVAIEGAK	AGAP008667-PA	-	110	2.03E-11	1	1525.898	2.18	Pupa	3R:-:14642381-14642334	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_84507	IVQTALENFGR	AGAP008667-PA	-	73	5.68E-07	1	1247.676	1.21	Malpighian tubule	3R:-:14642642-14642610	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_91308	SPDASVEVPTHQNQAAVYR	AGAP008667-PA	-	98	2.10E-09	1	2069.004	-0.23	Pupa	3R:-:14641315-14641259	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_92471	FSKPVLPGQTLR	AGAP008667-PA	-	54	1.95E-05	1	1342.784	0.02	Pupa	3R:-:14641090-14641055	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_93297	LGLVGLANTVAIEGAK	AGAP008667-PA	-	45	6.50E-05	2	1525.902	4.74	Larva	3R:-:14642381-14642334	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_96537	ISDEDWNLIHDVHLK	AGAP008667-PA	-	90	1.75E-08	1	1833.916	1.69	Larva	3R:-:14642555-14642511	exon=> In CDS Exon 1 of transcript AGAP008667-PA
JHU_Ag_97045	AGPEVKPLVPNPK	AGAP008667-PA	-	39	0.000501719	1	1345.783	-0.84	Midgut	3R:-:14641357-14641319	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_97464	SPDASVEVPTHQNQAAVYR	AGAP008667-PA	-	46	0.000352891	1	2069.008	1.45	Salivary gland	3R:-:14641315-14641259	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_103184	IAGNIMLAQK	AGAP008667-PA	M6(Oxidation)	56	2.87E-05	2	1074.598	0.5	Ovary	3R:-:14638030-14638001	exon=> In CDS Exon 5 of transcript AGAP008667-PA
JHU_Ag_103828	NQSSTFVVGAGNFNGK	AGAP008667-PA	N14(Deamidated),N12(Deamidated)	107	2.88E-10	2	1627.771	-0.14	Pupa	3R:-:14641411-14641364	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_104974	EWVLDLK	AGAP008667-PA	-	53	0.000113093	1	902.501	3.57	Head	3R:-:14638291-14638470,14637965-14638169	exon=> In CDS Exon 5 and 4 of transcript AGAP008667-PA
JHU_Ag_107987	IAGNIMLAQK	AGAP008667-PA	M6(Oxidation)	62	8.33E-06	1	1074.600	2.09	Larva	3R:-:14638030-14638001	exon=> In CDS Exon 5 of transcript AGAP008667-PA
JHU_Ag_109378	VPILHGLCTMGVSVK	AGAP008667-PA	C8(Carbamidomethyl), M10(Oxidation)	47	0.00018697	2	1626.876	2.98	Larva	3R:-:14641195-14641151	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_117578	DGQNNENSVTETFR	AGAP008667-PA	-	95	2.18E-09	2	1610.706	0.89	Pupa	3R:-:14641898-14641857	exon=> In CDS Exon 2 of transcript AGAP008667-PA
JHU_Ag_117688	SPDASVEVPTHQNQAAVYR	AGAP008667-PA	-	121	1.08E-11	1	2069.010	2.6	Malpighian tubule	3R:-:14641315-14641259	exon=> In CDS Exon 3 of transcript AGAP008667-PA
JHU_Ag_49938	ETYEVIKDCHPCTAFEIASK	AGAP008669-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	45	0.000486813	1	2398.103	-1.02	Midgut	3R:-:14646603-14646544	exon=> In CDS Exon 1 of transcript AGAP008669-PA
JHU_Ag_60802	TMLKIQR	AGAP008669-PA	M2(Oxidation)	40	0.001020799	1	905.518	-6.62	Head	3R:-:14646272-14646252	exon=> In CDS Exon 2 of transcript AGAP008669-PA

JHU_Ag_15168	QSYAFYQVDEPSEK	AGAP008671-PA	-	98	1.83E-09	1	1690.763	1.96	Ovary	3R:+:14670570-14670593,14670662-14670679	exon=> In CDS Exon 3 and 4 of transcript AGAP008671-PA
JHU_Ag_32092	LGFLFQK	AGAP008671-PA	-	30	0.003622969	1	852.498	0.73	Ovary	3R:+:14671265-14671285	exon=> In CDS Exon 4 of transcript AGAP008671-PA
JHU_Ag_53027	MIDVLDGINAR	AGAP008671-PA	M1(Oxidation)	42	0.001440252	2	1232.630	-0.3	Midgut	3R:+:14670000-14670032	exon=> In CDS Exon 3 of transcript AGAP008671-PA
JHU_Ag_54402	ALGLPQQYRPTTPYDGLR	AGAP008671-PA	Q7(Deamidated)	74	4.03E-07	1	2047.066	2.55	Ovary	3R:+:14671316-14671369	exon=> In CDS Exon 4 of transcript AGAP008671-PA
JHU_Ag_108639	MIDVLDGINAR	AGAP008671-PA	M1(Oxidation)	41	0.001557621	2	1232.635	3.36	Ovary	3R:+:14670000-14670032	exon=> In CDS Exon 3 of transcript AGAP008671-PA
JHU_Ag_11319	LEVSFR	AGAP008672-PA	-	43	0.000484896	2	750.414	-0.44	Pupa	3R:-:14658254-14658237	exon=> In CDS Exon 5 of transcript AGAP008672-PA
JHU_Ag_71024	AKQHVESVR	AGAP008672-PA	-	29	0.005265658	1	1053.589	8.22	Malpighian tubule	3R:-:14659497-14659471	exon=> In CDS Exon 3 of transcript AGAP008672-PA
JHU_Ag_12826	INLNLVNK	AGAP008674-PA	N7(Deamidated)	45	0.000375755	1	928.545	-1.16	Midgut	3R:-:14676730-14676707	exon=> In CDS Exon 4 of transcript AGAP008674-PA
JHU_Ag_100429	INLNLVNK	AGAP008674-PA	N7(Deamidated)	45	0.000331007	1	928.548	1.4	Malpighian tubule	3R:-:14676730-14676707	exon=> In CDS Exon 4 of transcript AGAP008674-PA
JHU_Ag_103703	INLNLVNK	AGAP008674-PA	N7(Deamidated)	50	0.000100424	1	928.549	2.71	Larva	3R:-:14676730-14676707	exon=> In CDS Exon 4 of transcript AGAP008674-PA
JHU_Ag_1316	SLQEEPVEGFR	AGAP008680-PA	-	60	1.56E-05	2	1290.637	3.1	Male reproductive organs	3R:-:14800858-14800826	exon=> In CDS Exon 1 of transcript AGAP008680-PA
JHU_Ag_105305	LSLFDK	AGAP008683-PA	-	34	0.003641491	2	722.417	11.69	Head	3R:-:14835491-14835474	exon=> In CDS Exon 4 of transcript AGAP008683-PA
JHU_Ag_935	DFVAFIASIQK	AGAP008684-PA	-	74	3.30E-07	2	1238.678	-0.38	Ovary	3R:+:14839869-14839901	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_2388	LQDILK	AGAP008684-PA	-	35	0.004097144	1	729.452	2.17	Malpighian tubule	3R:+:14838751-14838768	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_2573	VLPLLLLHGWPGSVR	AGAP008684-PA	-	93	4.26E-10	1	1656.996	0.61	Male reproductive organs	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_2870	IPTAVPAACAK	AGAP008684-PA	C9(Carbamidomethyl)	44	0.00037479	2	1098.601	3.16	Larva	3R:+:14839707-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_6028	FANIIEETGYMHIQSTKPDTIGTVLQGNPVGLAAYILEK	AGAP008684-PA	M11(Oxidation)	80	3.74E-08	1	4232.201	1.5	Midgut	3R:+:14839407-14839523	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_8788	NLTAPMPVPDLNMK	AGAP008684-PA	M6(Oxidation), M13(Oxidation)	36	0.003601809	1	1572.780	2.2	Ovary	3R:+:14838532-14838573	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_11755	LTPPLDGVAFEYGFNTNR	AGAP008684-PA	N15(Deamidated)	122	1.06E-11	1	2010.984	-3.91	Midgut	3R:+:14838697-14838750	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_11852	FSTWTNPAYR	AGAP008684-PA	-	33	0.005558 99	1	1242.595	3.85	Larva	3R:+:14839524-14839553	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_12304	VLFVGISLATAVVFK	AGAP008684-PA	-	97	1.52E-10	2	1563.948	-1.94	Midgut	3R:+:14838478-14838522	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_12615	VLPLLLLHGWPGSVR	AGAP008684-PA	-	80	7.45E-09	1	1657.003	5.03	Salivary gland	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_12795	FLNKFPHFQTQIQGLNIHYIHVKPK	AGAP008684-PA	-	42	0.00010548	1	3047.684	3.52	Ovary	3R:+:14838814-14838888	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_13833	KGLSPSEVAIVMK	AGAP008684-PA	M12(Oxidation)	48	0.000109853	1	1374.766	-0.03	Male reproductive organs	3R:+:14839066-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_14688	EFYDIIPLLTTSSK	AGAP008684-PA	-	56	2.93E-05	1	1626.866	2.34	Salivary gland	3R:+:14838952-14838993	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_15135	DFVAFIASIQK	AGAP008684-PA	-	84	3.34E-08	2	1238.679	0.41	Male reproductive organs	3R:+:14839869-14839901	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_15349	FPHFQTQIQGLNIHYIHVKPK	AGAP008684-PA	-	38	0.000549312	1	2545.390	2.68	Head	3R:+:14838826-14838888	exon=> In CDS Exon 1 of transcript AGAP008684-PA

JHU_Ag_15888	FSTWTNPAYR	AGAP008684-PA	-	38	0.001898558	2	1242.592	1.59	Malpighian tubule	3R:+:14839524-14839553	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_17639	LTPPLDGVAFEYGFNTNR	AGAP008684-PA	-	88	2.85E-08	1	2010.992	-0.27	Male reproductive organs	3R:+:14838697-14838750	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_19816	VLPLLLLHGWPGSVR	AGAP008684-PA	-	94	2.97E-10	1	1656.999	2.59	Malpighian tubule	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_20220	NLTAPMPVPDLNMK	AGAP008684-PA	M6(Oxidation), M13(Oxidation)	40	0.001631251	1	1572.780	2.59	Salivary gland	3R:+:14838532-14838573	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_20951	VLPLLLLHGWPGSVR	AGAP008684-PA	-	99	8.34E-11	1	1656.999	2.52	Ovary	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_21135	IYAEAFASDELKK	AGAP008684-PA	-	95	4.77E-09	1	1484.767	2.49	Ovary	3R:+:14839656-14839694	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_21562	FRHELFQQIDWVLK	AGAP008684-PA	-	109	9.73E-11	1	1858.999	1.69	Malpighian tubule	3R:+:14839740-14839781	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_23031	NLTAPMPVPDLNMK	AGAP008684-PA	M6(Oxidation), M13(Oxidation)	66	3.76E-06	1	1572.781	2.98	Larva	3R:+:14838532-14838573	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_24468	NLTAPMPVPDLNMK	AGAP008684-PA	M6(Oxidation), M13(Oxidation)	49	0.000174799	2	1540.791	3.18	Malpighian tubule	3R:+:14838532-14838573	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_25084	DFVAFIASIQK	AGAP008684-PA	-	51	5.63E-05	2	1238.683	4.05	Malpighian tubule	3R:+:14839869-14839901	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_26028	LQDILK	AGAP008684-PA	-	34	0.001654847	2	729.451	0.16	Head	3R:+:14838751-14838768	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_26118	EFYDIIPLLTTSSK	AGAP008684-PA	-	64	4.72E-06	2	1626.865	1.37	Male reproductive organs	3R:+:14838952-14838993	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_27363	DFVAFIASIQK	AGAP008684-PA	-	81	6.30E-08	1	1238.677	-1.17	Head	3R:+:14839869-14839901	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_27948	LQDILK	AGAP008684-PA	-	44	0.000183129	2	729.450	-1.09	Midgut	3R:+:14838751-14838768	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_28156	FSTWTNPAYR	AGAP008684-PA	-	45	0.000369825	2	1242.590	0.02	Midgut	3R:+:14839524-14839553	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_30585	TTYLDKWSER	AGAP008684-PA	-	54	4.32E-05	1	1298.637	-0.82	Midgut	3R:+:14838778-14838807	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_39486	LQDILK	AGAP008684-PA	-	40	0.001506396	1	729.451	0.93	Ovary	3R:+:14838751-14838768	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_40137	DHFTNLVQSNHFEDGGHFAAMQLPEVLYK	AGAP008684-PA	M21(Oxidation)	33	0.007671479	1	3360.600	7.55	Midgut	3R:+:14839782-14839868	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_40893	FLNKFPHFQTQIQGLNIHYIHVKPK	AGAP008684-PA	-	122	2.13E-12	1	3047.669	-1.32	Midgut	3R:+:14838814-14838888	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_42209	VSYDAAVIEK	AGAP008684-PA	-	45	0.000446621	2	1094.577	4.18	Male reproductive organs	3R:+:14838637-14838666	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_42396	VSYDAAVIEKLR	AGAP008684-PA	-	96	1.56E-09	1	1363.763	3.62	Ovary	3R:+:14838637-14838672	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_44499	LTPPLDGVAFEYGFNTNR	AGAP008684-PA	-	109	1.95E-10	1	2010.995	1.37	Malpighian tubule	3R:+:14838697-14838750	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_44877	VSYDAAVIEK	AGAP008684-PA	-	59	1.59E-05	2	1094.576	3.07	Larva	3R:+:14838637-14838666	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_46265	IPTAVPAACAK	AGAP008684-PA	C9(Carbamidomethyl)	46	0.000174303	1	1098.597	-0.62	Midgut	3R:+:14839707-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_47190	HELFQQIDWVLK	AGAP008684-PA	-	60	1.10E-05	1	1555.826	-0.53	Midgut	3R:+:14839746-14839781	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_47216	VLPLLLLHGWPGSVR	AGAP008684-PA	-	89	1.06E-09	1	1657.004	5.4	Larva	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_50839	IYAEAFASDELKK	AGAP008684-PA	-	93	6.14E-09	1	1484.762	-0.72	Male reproductive organs	3R:+:14839656-14839694	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_51398	QYREDTSIKPFK	AGAP008684-PA	-	32	0.007262573	1	1511.787	0.95	Ovary	3R:+:14838601-14838636	exon=> In CDS Exon 1 of transcript AGAP008684-PA

JHU_Ag_52306	LQDILK	AGAP008684-PA	-	46	0.000340002	2	729.452	1.92	Visceras	3R:+:14838751-14838768	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_53010	VLPLLLLHGWPGSVR	AGAP008684-PA	-	59	8.96E-07	1	1657.001	3.41	Visceras	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_56349	EIDRIPTAVPAACAK	AGAP008684-PA	C13(Carbamidomethyl)	80	1.29E-07	1	1611.852	-0.11	Male reproductive organs	3R:+:14839695-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_57763	EFYDIIPLLTTSSK	AGAP008684-PA	-	60	9.30E-06	2	1626.873	6.69	Larva	3R:+:14838952-14838993	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_58086	VSYDAAVIEK	AGAP008684-PA	-	60	1.62E-05	1	1094.571	-1.28	Salivary gland	3R:+:14838637-14838666	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_58586	GLSPSEVAIVMK	AGAP008684-PA	M11(Oxidation)	63	7.49E-06	1	1246.670	-1.3	Ovary	3R:+:14839069-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_59489	LQDILK	AGAP008684-PA	-	30	0.004312785	2	729.450	-0.34	Pupa	3R:+:14838751-14838768	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_59721	EFYDIIPLLTTSSK	AGAP008684-PA	-	92	6.93E-09	2	1626.858	-2.61	Midgut	3R:+:14838952-14838993	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_60117	VSYDAAVIEK	AGAP008684-PA	-	70	1.40E-06	1	1094.571	-1.28	Ovary	3R:+:14838637-14838666	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_60722	FPHFQTQIQGLNIHYIHVKPK	AGAP008684-PA	-	39	0.000338375	1	2545.397	5.78	Ovary	3R:+:14838826-14838888	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_65280	KGLSPSEVAIVMK	AGAP008684-PA	M12(Oxidation)	59	6.58E-06	2	1374.771	3.79	Larva	3R:+:14839066-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_65367	VLFVGISLATAVVFKQYR	AGAP008684-PA	Q16(Deamidated)	28	0.001167051	1	2012.187	14.19	Malpighian tubule	3R:+:14838478-14838531	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_65546	VSYDAAVIEK	AGAP008684-PA	-	57	3.11E-05	1	1094.573	-0.32	Midgut	3R:+:14838637-14838666	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_66072	FPHFQTQIQGLNIHYIHVKPK	AGAP008684-PA	-	66	1.13E-06	1	2545.377	-2.06	Midgut	3R:+:14838826-14838888	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_67262	DFVAFIASIQK	AGAP008684-PA	-	88	1.18E-08	2	1238.678	-0.19	Midgut	3R:+:14839869-14839901	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_69522	GLSPSEVAIVMK	AGAP008684-PA	M11(Oxidation)	83	6.13E-08	1	1246.677	4.87	Larva	3R:+:14839069-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_70956	EFYDIIPLLTTSSK	AGAP008684-PA	-	56	2.66E-05	2	1626.865	1.74	Head	3R:+:14838952-14838993	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_71528	IYAEAFASDELKK	AGAP008684-PA	-	68	2.07E-06	1	1484.767	2.24	Salivary gland	3R:+:14839656-14839694	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_76251	GKLTDVPK	AGAP008684-PA	-	41	0.000859649	2	857.509	-0.28	Midgut	3R:+:14838673-14838696	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_77469	VSYDAAVIEKLR	AGAP008684-PA	-	77	1.44E-07	1	1363.757	-0.68	Malpighian tubule	3R:+:14838637-14838672	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_79536	IYAEAFASDELKK	AGAP008684-PA	-	84	5.71E-08	1	1484.759	-2.69	Midgut	3R:+:14839656-14839694	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_80504	LTPPLDGVAFEYGFNTNR	AGAP008684-PA	-	77	3.61E-07	1	2010.997	2.28	Larva	3R:+:14838697-14838750	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_82466	LTPPLDGVAFEYGFNTNR	AGAP008684-PA	-	57	3.15E-05	1	2010.999	3.67	Ovary	3R:+:14838697-14838750	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_83465	IYAEAFASDELKK	AGAP008684-PA	-	85	3.57E-08	1	1484.768	3.47	Larva	3R:+:14839656-14839694	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_85098	EIDRIPTAVPAACAK	AGAP008684-PA	C13(Carbamidomethyl)	92	8.31E-09	1	1611.851	-0.94	Midgut	3R:+:14839695-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_85423	GLSPSEVAIVMK	AGAP008684-PA	M11(Oxidation)	92	9.22E-09	1	1246.671	0.07	Midgut	3R:+:14839069-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_87953	GKLTDVPK	AGAP008684-PA	-	45	0.000332906	1	857.509	-0.28	Malpighian tubule	3R:+:14838673-14838696	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_88269	NLTAPMPVPDLNMK	AGAP008684-PA	M6(Oxidation), M13(Oxidation)	67	3.36E-06	1	1572.775	-0.74	Midgut	3R:+:14838532-14838573	exon=> In CDS Exon 1 of transcript AGAP008684-PA

JHU_Ag_88637	FPHFQTQIQGLNIHYIHVKPK	AGAP008684-PA	-	26	0.007470208	1	2545.400	6.8	Malpighian tubule	3R:+:14838826-14838888	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_91431	IPTAVPAACAK	AGAP008684-PA	C9(Carbamidomethyl)	44	0.000381445	2	1098.599	1.6	Ovary	3R:+:14839707-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_92480	GLSPSEVAIVMK	AGAP008684-PA	M11(Oxidation)	69	1.83E-06	2	1246.670	-1.3	Male reproductive organs	3R:+:14839069-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_93222	EIDRIPTAVPAACAK	AGAP008684-PA	C13(Carbamidomethyl)	87	2.48E-08	1	1611.852	-0.03	Malpighian tubule	3R:+:14839695-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_98314	EFYDIIPLLTTSSK	AGAP008684-PA	-	38	0.001564683	2	1626.868	3.17	Visceras	3R:+:14838952-14838993	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_99001	FSTWTNPAYR	AGAP008684-PA	-	33	0.006005469	1	1242.593	2.38	Ovary	3R:+:14839524-14839553	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_102121	IPTAVPAACAK	AGAP008684-PA	C9(Carbamidomethyl)	49	0.000106362	2	1098.601	3.27	Salivary gland	3R:+:14839707-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_102203	FRHELFQQIDWVLK	AGAP008684-PA	-	94	3.49E-09	1	1858.997	0.12	Midgut	3R:+:14839740-14839781	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_103147	IPTAVPAACAK	AGAP008684-PA	C9(Carbamidomethyl)	44	0.000314427	2	1098.600	2.16	Malpighian tubule	3R:+:14839707-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_103284	KGLSPSEVAIVMK	AGAP008684-PA	M12(Oxidation)	90	8.96E-09	1	1358.771	-0.44	Midgut	3R:+:14839066-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_103679	GLSPSEVAIVMK	AGAP008684-PA	M11(Oxidation)	61	1.15E-05	2	1246.675	3.01	Salivary gland	3R:+:14839069-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_104041	NLTAPMPVPDLNMKQYWGPGDVK	AGAP008684-PA	M6(Oxidation), N12(Deamidated), Q15(Deamidated)	57	3.20E-05	2	2589.209	-10.71	Midgut	3R:+:14838532-14838600	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_104295	GLSPSEVAIVMK	AGAP008684-PA	M11(Oxidation)	48	0.000224779	2	1246.673	1.64	Malpighian tubule	3R:+:14839069-14839104	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_104521	EFYDIIPLLTTSSK	AGAP008684-PA	-	68	1.68E-06	1	1626.867	3.02	Ovary	3R:+:14838952-14838993	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_104522	LTPPLDGVAFEYGFNTNR	AGAP008684-PA	-	50	0.000170137	1	2010.987	-2.64	Head	3R:+:14838697-14838750	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_104525	DFVAFIASIQK	AGAP008684-PA	-	88	1.08E-08	2	1238.685	5.53	Larva	3R:+:14839869-14839901	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_105167	VSYDAAVIEK	AGAP008684-PA	-	80	1.44E-07	2	1094.575	2.4	Malpighian tubule	3R:+:14838637-14838666	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_107747	FRHELFQQIDWVLK	AGAP008684-PA	-	103	4.29E-10	1	1859.005	4.45	Ovary	3R:+:14839740-14839781	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_108867	IYAEAFASDELKK	AGAP008684-PA	-	90	1.38E-08	1	1484.764	0.84	Malpighian tubule	3R:+:14839656-14839694	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_110341	FLNKFPHFQTQIQGLNIHYIHVKPK	AGAP008684-PA	-	67	4.45E-07	1	3047.680	2.32	Malpighian tubule	3R:+:14838814-14838888	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_111142	DHFTNLVQSNHFEDGGHFAAMQLPEVLYK	AGAP008684-PA	M21(Oxidation)	132	8.11E-13	1	3360.590	4.52	Larva	3R:+:14839782-14839868	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_112621	FSTWTNPAYR	AGAP008684-PA	-	37	0.002125016	1	1242.591	0.22	Male reproductive organs	3R:+:14839524-14839553	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_112714	DKDFVFEVIVPSLPGYGWSQGSAK	AGAP008684-PA	-	58	2.21E-05	2	2626.320	0.37	Midgut	3R:+:14838994-14839065	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_114048	VLPLLLLHGWPGSVR	AGAP008684-PA	-	102	5.67E-11	1	1656.995	-0.13	Midgut	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_114152	QYREDTSIKPFK	AGAP008684-PA	-	59	1.76E-05	1	1511.786	0.22	Malpighian tubule	3R:+:14838601-14838636	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_115083	EIDRIPTAVPAACAK	AGAP008684-PA	C13(Carbamidomethyl)	86	2.25E-08	1	1611.860	4.81	Larva	3R:+:14839695-14839739	exon=> In CDS Exon 2 of transcript AGAP008684-PA
JHU_Ag_115458	VLPLLLLHGWPGSVR	AGAP008684-PA	-	78	1.42E-08	1	1656.996	0.61	Head	3R:+:14838907-14838951	exon=> In CDS Exon 1 of transcript AGAP008684-PA

JHU_Ag_116684	EDTSIKPFK	AGAP008684-PA	-	47	0.000357968	1	1064.563	0.46	Ovary	3R:+:14838610-14838636	exon=> In CDS Exon 1 of transcript AGAP008684-PA
JHU_Ag_1655	IVPLLLLHGWPGSVR	AGAP008686-PA	-	86	2.10E-09	1	1656.997	1.2	Male reproductive organs	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_11776	IVPLLLLHGWPGSVR	AGAP008686-PA	-	86	2.00E-09	1	1657.003	4.73	Midgut	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_18682	IVPLLLLHGWPGSVR	AGAP008686-PA	-	80	7.45E-09	1	1657.003	5.03	Salivary gland	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_33220	IVPLLLLHGWPGSVR	AGAP008686-PA	-	55	2.08E-06	1	1657.001	3.63	Malpighian tubule	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_36398	IVPLLLLHGWPGSVR	AGAP008686-PA	-	72	4.71E-08	2	1657.004	5.4	Larva	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_51423	IVPLLLLHGWPGSVR	AGAP008686-PA	-	71	5.68E-08	1	1657.004	5.54	Ovary	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_100402	IVPLLLLHGWPGSVR	AGAP008686-PA	-	62	4.17E-07	2	1656.999	2.52	Head	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_106907	IVPLLLLHGWPGSVR	AGAP008686-PA	-	59	8.96E-07	1	1657.001	3.41	Visceras	3R:+:14842743-14842787	exon=> In CDS Exon 1 of transcript AGAP008686-PA
JHU_Ag_1230	NAVLAAFANGR	AGAP008687-PA	-	62	8.57E-06	2	1103.595	-0.82	Head	3R:+:14845806-14845838	exon=> In CDS Exon 3 of transcript AGAP008687-PA
JHU_Ag_21429	TAAAIPAVHYEFPNGYHQDFGPER	AGAP008687-PA	N14(Deamidated)	67	2.73E-06	1	2688.257	3.36	Ovary	3R:+:14846257-14846328	exon=> In CDS Exon 4 of transcript AGAP008687-PA
JHU_Ag_35075	ADIPSVVGVGPADPVMNSDLETK	AGAP008687-PA	M16(Oxidation)	35	0.004981924	1	2327.144	-0.03	Head	3R:+:14845314-14845382	exon=> In CDS Exon 1 of transcript AGAP008687-PA
JHU_Ag_40663	ATALVVDSGATHTSAVPVHEGYVLSQAVVK	AGAP008687-PA	-	61	4.57E-06	1	3006.586	-1.35	Malpighian tubule	3R:+:14845839-14845895,14845975-14846007	exon=> In CDS Exon 3 and 4 of transcript AGAP008687-PA
JHU_Ag_42245	GLLQDFQMSAVQVLETPYDER	AGAP008687-PA	M8(Oxidation)	50	0.000169452	1	2455.181	-0.1	Ovary	3R:+:14846194-14846256	exon=> In CDS Exon 4 of transcript AGAP008687-PA
JHU_Ag_44882	HYLEGQNIDLTPTYAIASK	AGAP008687-PA	-	93	8.09E-09	1	2134.085	1.61	Head	3R:+:14846047-14846103	exon=> In CDS Exon 4 of transcript AGAP008687-PA
JHU_Ag_50370	TAAAIPAVHYEFPNGYHQDFGPER	AGAP008687-PA	N14(Deamidated)	65	4.86E-06	1	2688.248	0.16	Head	3R:+:14846257-14846328	exon=> In CDS Exon 4 of transcript AGAP008687-PA
JHU_Ag_59513	YNVPAFFLVK	AGAP008687-PA	-	52	3.58E-05	1	1197.666	-0.84	Ovary	3R:+:14845776-14845805	exon=> In CDS Exon 3 of transcript AGAP008687-PA
JHU_Ag_59598	ATALVVDSGATHTSAVPVHEGYVLSQAVVK	AGAP008687-PA	-	116	1.27E-11	1	3006.599	3.1	Ovary	3R:+:14845839-14845895,14845975-14846007	exon=> In CDS Exon 3 and 4 of transcript AGAP008687-PA
JHU_Ag_5815	LPFIIVGDDKGTTITLK	AGAP008689-PA	-	80	1.63E-08	1	1831.061	1.98	Male reproductive organs	3R:+:14886867-14886895,14890592-14890613	exon=> In CDS Exon 9 and 10 of transcript AGAP008689-PA
JHU_Ag_52254	EEEGTLLPLWK	AGAP008689-PA	-	43	0.000729356	2	1314.696	1.17	Male reproductive organs	3R:+:14880031-14880063	exon=> In CDS Exon 5 of transcript AGAP008689-PA
JHU_Ag_70884	YLQACQIIER	AGAP008689-PA	C5(Carbamidomethyl)	60	1.51E-05	1	1293.660	-1.41	Male reproductive organs	3R:+:14879926-14879955	exon=> In CDS Exon 5 of transcript AGAP008689-PA
JHU_Ag_105662	VLETLK	AGAP008694-PA	-	31	0.004489017	1	702.440	-0.21	Pupa	3R:+:14951011-14951028	exon=> In CDS Exon 2 of transcript AGAP008694-PA
JHU_Ag_27436	HALGSSLIQDLKDEYLDTPVELSSSSR	AGAP008697-PA	-	75	3.37E-07	1	2960.500	5.09	Ovary	3R:-:15350316-15350236	exon=> In CDS Exon 2 of transcript AGAP008697-PA
JHU_Ag_69138	AQQILSR	AGAP008697-PA	-	39	0.002527349	1	815.474	0.4	Visceras	3R:-:15350235-15350215	exon=> In CDS Exon 2 of transcript AGAP008697-PA
JHU_Ag_85866	AQQILSR	AGAP008697-PA	-	43	0.001000792	1	815.472	-2.29	Head	3R:-:15350235-15350215	exon=> In CDS Exon 2 of transcript AGAP008697-PA
JHU_Ag_92026	ILSNDASRKPQGK	AGAP008698-PA	N4(Deamidated)	36	0.003067032	1	1414.751	-9.66	Head	3R:+:15407886-15407924	exon=> In CDS Exon 4 of transcript AGAP008698-PA

JHU_Ag_102940	ILSNDASRKPQGK	AGAP008698-PA	N4(Deamidated)	43	0.000493539	1	1414.757	-5.35	Malpighian tubule	3R:+:15407886-15407924	exon=> In CDS Exon 4 of transcript AGAP008698-PA
JHU_Ag_84387	QILDVQLLVK	AGAP008700-PA	Q6(Deamidated)	44	4.47E-05	2	1169.726	10.52	Salivary gland	3R:+:15525767-15525796	exon=> In CDS Exon 8 of transcript AGAP008700-PA
JHU_Ag_97190	QILDVQLLVK	AGAP008700-PA	Q6(Deamidated)	46	2.71E-05	1	1169.727	11.36	Head	3R:+:15525767-15525796	exon=> In CDS Exon 8 of transcript AGAP008700-PA
JHU_Ag_55000	MPFPRQLVIVAVWITSAVYSIPK	AGAP008702-PA	Q6(Deamidated)	25	0.002466387	1	2616.485	8.47	Salivary gland	3R:-:15620601-15620533	exon=> In CDS Exon 1 of transcript AGAP008702-PA
JHU_Ag_16054	GLSEESGDGFYATPK	AGAP008704-PA	-	75	3.38E-07	2	1557.711	2.68	Malpighian tubule	3R:-:15670445-15670401	exon=> In CDS Exon 1 of transcript AGAP008704-PA
JHU_Ag_16199	GLSEESGDGFYATPK	AGAP008704-PA	-	83	4.63E-08	1	1557.706	-0.3	Midgut	3R:-:15670445-15670401	exon=> In CDS Exon 1 of transcript AGAP008704-PA
JHU_Ag_20240	ETLHGFYEFQAEK	AGAP008704-PA	-	43	0.000739353	2	1598.749	0.06	Midgut	3R:-:15670484-15670446	exon=> In CDS Exon 1 of transcript AGAP008704-PA
JHU_Ag_67227	QFPLTTLLR	AGAP008704-PA	-	38	0.000896541	2	1088.646	-0.57	Midgut	3R:-:15669697-15669671	exon=> In CDS Exon 2 of transcript AGAP008704-PA
JHU_Ag_98268	IVAVK	AGAP008704-PA,AGAP006490-PA	-	31	0.001935209	1	529.371	-0.1	Salivary gland	3R:-:15670088-15670074;2L:-:32905023-32905009	exon=> In CDS Exon 1 of transcript AGAP008704-PA;exon=> In CDS Exon 2 of transcript AGAP006490-PA
JHU_Ag_14486	AGGYGIQGLGGNFVER	AGAP008707-PA	-	95	4.69E-09	1	1594.798	0.52	Midgut	3R:+:15821422-15821469	exon=> In CDS Exon 4 of transcript AGAP008707-PA
JHU_Ag_22928	AGGYGIQGLGGNFVER	AGAP008707-PA	-	88	2.46E-08	1	1594.798	0.45	Male reproductive organs	3R:+:15821422-15821469	exon=> In CDS Exon 4 of transcript AGAP008707-PA
JHU_Ag_22998	VVLASGSPR	AGAP008707-PA	-	37	0.001979924	1	885.516	1.33	Ovary	3R:+:15820764-15820790	exon=> In CDS Exon 1 of transcript AGAP008707-PA
JHU_Ag_71983	MLKPILHQIK	AGAP008707-PA	N-Term(Acetyl), M1(Oxidation)	40	0.00021749	1	1278.759	-0.76	Male reproductive organs	3R:+:15820725-15820754	exon=> In CDS Exon 1 of transcript AGAP008707-PA
JHU_Ag_77783	ATDAQIQAYVDTGEPLDK	AGAP008707-PA	-	67	3.38E-06	2	1934.925	-4.55	Midgut	3R:+:15821305-15821351,15821415-15821421	exon=> In CDS Exon 3 and 4 of transcript AGAP008707-PA
JHU_Ag_84646	THVVYTGVVIK	AGAP008707-PA	-	58	8.66E-06	1	1215.710	0.42	Ovary	3R:+:15821218-15821250	exon=> In CDS Exon 3 of transcript AGAP008707-PA
JHU_Ag_89183	MLKPILHQIK	AGAP008707-PA	N-Term(Acetyl), M1(Oxidation)	58	3.75E-06	1	1278.760	-0.2	Ovary	3R:+:15820725-15820754	exon=> In CDS Exon 1 of transcript AGAP008707-PA
JHU_Ag_92729	FTESCNVQFGK	AGAP008707-PA	C5(Carbamidomethyl)	36	0.001961675	1	1316.593	-0.72	Male reproductive organs	3R:+:15821272-15821304	exon=> In CDS Exon 3 of transcript AGAP008707-PA
JHU_Ag_102770	TPEHAFEVLK	AGAP008707-PA	-	32	0.006793263	1	1170.609	-5.32	Head	3R:+:15821114-15821143	exon=> In CDS Exon 2 of transcript AGAP008707-PA
JHU_Ag_106264	AGGYGIQGLGGNFVER	AGAP008707-PA	-	76	3.32E-07	2	1594.799	1.06	Visceras	3R:+:15821422-15821469	exon=> In CDS Exon 4 of transcript AGAP008707-PA
JHU_Ag_5866	IEELANHGIIVR	AGAP008708-PA	-	66	8.38E-07	2	1363.780	8	Midgut	3R:-:15829859-15829824	exon=> In CDS Exon 2 of transcript AGAP008708-PA
JHU_Ag_34180	IEELANHGIIVR	AGAP008708-PA	-	64	2.30E-06	2	1363.768	-0.95	Head	3R:-:15829859-15829824	exon=> In CDS Exon 2 of transcript AGAP008708-PA
JHU_Ag_37915	FLITDRPSDATILSYIAELKK	AGAP008708-PA	-	89	3.60E-09	1	2394.322	-2.71	Midgut	3R:-:15830051-15830123,15829750-15829905	exon=> In CDS Exon 2 and 1 of transcript AGAP008708-PA
JHU_Ag_43230	FLITDRPSDATILSYIAELK	AGAP008708-PA	-	54	2.29E-05	3	2266.237	1.85	Midgut	3R:-:15830051-15830123,15829750-15829908	exon=> In CDS Exon 2 and 1 of transcript AGAP008708-PA
JHU_Ag_48981	IEELANHGIIVR	AGAP008708-PA	-	82	3.50E-08	2	1363.774	3.43	Malpighian tubule	3R:-:15829859-15829824	exon=> In CDS Exon 2 of transcript AGAP008708-PA
JHU_Ag_57606	APVLVALALIELGLK	AGAP008708-PA	-	144	5.46E-16	2	1519.981	-0.59	Midgut	3R:-:15829592-15829548	exon=> In CDS Exon 3 of transcript AGAP008708-PA

JHU_Ag_65729	FLITDRPSDATILSYIAELKK	AGAP008708-PA	-	46	7.28E-05	1	2394.328	-0.03	Head	3R:-:15830051-15830123,15829750-15829905	exon=> In CDS Exon 2 and 1 of transcript AGAP008708-PA
JHU_Ag_67681	APVLVALALIELGLK	AGAP008708-PA	-	43	4.92E-06	2	1519.988	3.58	Ovary	3R:-:15829592-15829548	exon=> In CDS Exon 3 of transcript AGAP008708-PA
JHU_Ag_97130	DTQRLTVLALLVNDK	AGAP008714-PA	-	27	0.004856951	1	1698.974	-0.71	Pupa	3R:-:15950761-15950717	exon=> In CDS Exon 1 of transcript AGAP008714-PA
JHU_Ag_12925	GASGNAATEDVVYMLHGLGIETGIDLPK	AGAP008717-PA	M14(Oxidation)	141	1.16E-13	1	2844.403	-1.89	Ovary	3R:+:15993682-15993765	exon=> In CDS Exon 3 of transcript AGAP008717-PA
JHU_Ag_25999	DGLQNEPTILPAAVK	AGAP008717-PA	-	46	0.00015991	2	1565.863	6.24	Salivary gland	3R:+:15992845-15992889	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_31348	DGLQNEPTILPAAVK	AGAP008717-PA	-	55	2.44E-05	2	1565.856	1.72	Malpighian tubule	3R:+:15992845-15992889	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_54843	GYVSTVVGCPYEGK	AGAP008717-PA	C9(Carbamidomethyl)	42	0.000828288	2	1515.719	2.44	Malpighian tubule	3R:+:15993290-15993311,15993389-15993408	exon=> In CDS Exon 2 and 3 of transcript AGAP008717-PA
JHU_Ag_56619	IELINQLSETGLR	AGAP008717-PA	-	71	5.16E-07	2	1485.833	4.1	Malpighian tubule	3R:+:15992890-15992928	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_57560	NVNCSVDESIAR	AGAP008717-PA	C4(Carbamidomethyl)	87	1.94E-08	2	1363.628	0.36	Malpighian tubule	3R:+:15993206-15993241	exon=> In CDS Exon 2 of transcript AGAP008717-PA
JHU_Ag_66524	LPGISYPVLTPNLK	AGAP008717-PA	-	76	6.34E-08	1	1511.885	1.03	Head	3R:+:15993013-15993054	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_68831	DGLQNEPTILPAAVK	AGAP008717-PA	-	89	7.93E-09	1	1565.856	1.64	Head	3R:+:15992845-15992889	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_87818	IELINQLSETGLR	AGAP008717-PA	-	90	7.04E-09	1	1485.829	1.15	Head	3R:+:15992890-15992928	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_98099	IELINQLSETGLR	AGAP008717-PA	-	67	1.44E-06	2	1485.829	0.98	Ovary	3R:+:15992890-15992928	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_110617	GINKLPGISYPVLTPNLK	AGAP008717-PA	-	50	1.05E-05	1	1924.130	1.68	Malpighian tubule	3R:+:15993001-15993054	exon=> In CDS Exon 1 of transcript AGAP008717-PA
JHU_Ag_27320	LLTTTEQLTQDGPTR	AGAP008718-PA	-	41	0.001117557	2	1673.873	1.76	Head	3R:+:16015405-16015434,16015514-16015528	exon=> In CDS Exon 11 and 12 of transcript AGAP008718-PA
JHU_Ag_2288	LQSSDGEIFDTDVQIAK	AGAP008719-PA	-	78	2.74E-07	2	1865.916	1.81	Salivary gland	3R:+:16020700-16020750	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_8498	DDPIPVEDDDSK	AGAP008719-PA	-	44	0.000160457	1	1344.581	0.29	Ovary	3R:+:16020880-16020915	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_11248	TDDISSWDADFLK	AGAP008719-PA	-	96	2.51E-09	1	1512.686	0.56	Head	3R:+:16020925-16020963	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_11305	GLLDVTCK	AGAP008719-PA	C7(Carbamidomethyl)	45	0.000525446	1	905.479	2.69	Ovary	3R:+:16021021-16021044	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_32815	TFNIKNDFTPAEEEQVR	AGAP008719-PA	-	81	1.42E-07	1	2037.994	3.12	Head	3R:+:16021093-16021143	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_38255	VDQGTLFELILAANYLDIK	AGAP008719-PA	-	132	4.25E-13	1	2136.161	0.89	Ovary	3R:+:16020964-16021020	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_51934	NDFTPAEEEQVRK	AGAP008719-PA	-	88	2.36E-08	1	1562.749	2.94	Ovary	3R:+:16021108-16021146	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_55867	LQSSDGEIFDTDVQIAK	AGAP008719-PA	-	111	1.18E-10	2	1865.916	1.88	Pupa	3R:+:16020700-16020750	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_59953	LQSSDGEIFDTDVQIAK	AGAP008719-PA	Q2(Deamidated)	135	5.00E-13	2	1865.914	0.83	Midgut	3R:+:16020700-16020750	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_60919	VLQWATFHKDDPIPVEDDDSK	AGAP008719-PA	-	52	0.000106413	1	2455.180	1.04	Head	3R:+:16020853-16020915	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_65302	NDFTPAEEEQVRK	AGAP008719-PA	-	88	2.36E-08	1	1562.745	0.52	Head	3R:+:16021108-16021146	exon=> In CDS Exon 1 of transcript AGAP008719-PA

JHU_Ag_70222	TDDISSWDADFLK	AGAP008719-PA	-	81	7.74E-08	2	1512.686	0.4	Midgut	3R:+:16020925-16020963	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_72232	LQSSDGEIFDTDVQIAK	AGAP008719-PA	-	139	2.04E-13	1	1865.916	1.62	Ovary	3R:+:16020700-16020750	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_73455	NDFTPAEEEQVR	AGAP008719-PA	-	70	1.02E-06	2	1434.649	-0.37	Midgut	3R:+:16021108-16021143	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_74030	LQSSDGEIFDTDVQIAK	AGAP008719-PA	-	129	1.78E-12	1	1865.915	1.29	Head	3R:+:16020700-16020750	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_75662	TDDISSWDADFLK	AGAP008719-PA	-	84	3.83E-08	2	1512.689	2.1	Visceras	3R:+:16020925-16020963	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_77767	RTDDISSWDADFLK	AGAP008719-PA	-	100	1.60E-09	1	1668.787	0.34	Midgut	3R:+:16020922-16020963	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_81087	NDFTPAEEEQVR	AGAP008719-PA	-	56	2.72E-05	1	1434.648	-1.48	Head	3R:+:16021108-16021143	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_83447	VLQWATFHK	AGAP008719-PA	-	43	0.000774 77	1	1129.617	1.3	Ovary	3R:+:16020853-16020879	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_84478	DDPIPVEDDDSK	AGAP008719-PA	-	59	5.84E-06	2	1344.583	1.84	Head	3R:+:16020880-16020915	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_89355	TMLEDLGMDEGDDEVVPLPNVNSAILRK	AGAP008719-PA	M2(Oxidation), M8(Oxidation)	120	1.25E-11	1	3102.506	3	Malpighian tubule	3R:+:16020769-16020852	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_109981	LQSSDGEIFDTDVQIAK	AGAP008719-PA	-	53	8.18E-05	2	1865.919	3.19	Visceras	3R:+:16020700-16020750	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_110238	NDFTPAEEEQVRK	AGAP008719-PA	-	51	0.000123 993	1	1562.745	0.52	Visceras	3R:+:16021108-16021146	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_110545	TDDISSWDADFLK	AGAP008719-PA	-	66	2.50E-06	2	1512.690	2.99	Pupa	3R:+:16020925-16020963	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_113747	LQSSDGEIFDTDVQIAK	AGAP008719-PA	-	134	6.45E-13	2	1865.921	4.17	Malpighian tubule	3R:+:16020700-16020750	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_117803	TDDISSWDADFLK	AGAP008719-PA	-	72	7.19E-07	1	1512.685	0	Ovary	3R:+:16020925-16020963	exon=> In CDS Exon 1 of transcript AGAP008719-PA
JHU_Ag_5388	MMNDPIEHATGIEKR	AGAP008724-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	81	1.00E-07	1	1773.822	-2.46	Midgut	3R:-:16068982-16069060,16068339-16068469	exon=> In CDS Exon 2 and 1 of transcript AGAP008724-PA
JHU_Ag_12404	CECGHWFK	AGAP008724-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	34	0.000835 734	2	1123.449	3.51	Midgut	3R:-:16068083-16068060	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_12486	MMNDPIEHATGIEK	AGAP008724-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	97	2.14E-09	1	1601.731	0.39	Head	3R:-:16068982-16069060,16068339-16068472	exon=> In CDS Exon 2 and 1 of transcript AGAP008724-PA
JHU_Ag_13880	QAGNPDPFDMR	AGAP008724-PA	M10(Oxidation)	48	7.01E-05	2	1263.544	1.7	Visceras	3R:-:16068453-16068421	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_17820	LVEKAPV	AGAP008724-PA	-	37	0.000702 2	2	755.467	0.68	Visceras	3R:-:16068059-16068039	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_30258	RCECGHWFK	AGAP008724-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	32	0.003925 32	1	1279.547	0.91	Malpighian tubule	3R:-:16068086-16068060	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_32029	RCECGHWFK	AGAP008724-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	38	0.000953 52	3	1279.547	0.48	Visceras	3R:-:16068086-16068060	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_33562	LVGCVCEEDQTYVQWMWLHQGQPK	AGAP008724-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	125	3.00E-12	1	2991.350	-2.78	Midgut	3R:-:16068354-16068512,16068036-16068087	exon=> In CDS Exon 4 and 2 of transcript AGAP008724-PA
JHU_Ag_34639	DSPNLIPSAFDAR	AGAP008724-PA	N4(Deamidated)	70	1.74E-06	2	1402.697	0.36	Head	3R:-:16068393-16068355	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_38067	MMNDPIEHATGIEKR	AGAP008724-PA	-	37	0.002957 079	1	1741.839	1.6	Malpighian tubule	3R:-:16068982-16069060,16068339-16068469	exon=> In CDS Exon 2 and 1 of transcript AGAP008724-PA

JHU_Ag_42724	MMNDPIEHATGIEK	AGAP008724-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	112	6.88E-11	2	1601.726	-2.13	Midgut	3R:-:16068982-16069060,16068339-16068472	exon=> In CDS Exon 2 and 1 of transcript AGAP008724-PA
JHU_Ag_48581	DSPNLIPSAFDAR	AGAP008724-PA	-	72	1.20E-06	1	1402.698	1.5	Malpighian tubule	3R:-:16068393-16068355	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_49626	LVGCVCEEDQTYVQWMWLHQGQPK	AGAP008724-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), M16(Oxidation),"C4(Carbamidomethyl), C6(Carbamidomethyl)"	173	6.33E-17	1	2991.365	2.18	Malpighian tubule	3R:-:16068354-16068512,16068036-16068087	exon=> In CDS Exon 4 and 2 of transcript AGAP008724-PA
JHU_Ag_51231	QAGNPDPFDMR	AGAP008724-PA	M10(Oxidation)	56	1.08E-05	2	1263.542	-0.33	Malpighian tubule	3R:-:16068453-16068421	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_51756	CECGHWFK	AGAP008724-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	27	0.003919397	2	1123.447	1.66	Malpighian tubule	3R:-:16068083-16068060	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_53346	DSPNLIPSAFDAR	AGAP008724-PA	-	56	4.26E-05	2	1402.699	2.28	Visceras	3R:-:16068393-16068355	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_60946	DSPNLIPSAFDAR	AGAP008724-PA	-	41	0.001549071	2	1402.698	1.58	Pupa	3R:-:16068393-16068355	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_71789	CECGHWFK	AGAP008724-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	33	0.001054919	1	1123.445	0.35	Visceras	3R:-:16068083-16068060	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_78661	DSPNLIPSAFDAR	AGAP008724-PA	-	57	3.94E-05	2	1402.698	1.15	Midgut	3R:-:16068393-16068355	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_78716	QAGNPDPFDMRVFK	AGAP008724-PA	M10(Oxidation)	67	2.98E-06	1	1637.775	0.37	Malpighian tubule	3R:-:16068453-16068412	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_81517	RCECGHWFK	AGAP008724-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	36	0.001490721	1	1279.545	-0.38	Midgut	3R:-:16068086-16068060	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_82854	QAGNPDPFDMR	AGAP008724-PA	M10(Oxidation)	63	2.20E-06	2	1263.538	-3.52	Midgut	3R:-:16068453-16068421	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_87325	LVGCVCEEDQTYVQWMWLHQGQPK	AGAP008724-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), M16(Oxidation),"C4(Carbamidomethyl), C6(Carbamidomethyl)"	160	1.28E-15	1	2991.367	2.73	Visceras	3R:-:16068354-16068512,16068036-16068087	exon=> In CDS Exon 4 and 2 of transcript AGAP008724-PA
JHU_Ag_87741	GPGTKDSPNLIPSAFDAR	AGAP008724-PA	-	139	1.97E-13	1	1842.940	3.08	Malpighian tubule	3R:-:16068408-16068355	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_88604	MMNDPIEHATGIEK	AGAP008724-PA	M2(Oxidation),M1(Oxidation)	102	7.71E-10	1	1585.738	1.73	Malpighian tubule	3R:-:16068982-16069060,16068339-16068472	exon=> In CDS Exon 2 and 1 of transcript AGAP008724-PA
JHU_Ag_91395	RCECGHWFK	AGAP008724-PA	C2(Carbamidomethyl), C4(Carbamidomethyl)	31	0.004812411	1	1279.544	-1.54	Head	3R:-:16068086-16068060	exon=> In CDS Exon 4 of transcript AGAP008724-PA
JHU_Ag_92400	DSPNLIPSAFDAR	AGAP008724-PA	-	72	1.12E-06	1	1402.698	1.58	Ovary	3R:-:16068393-16068355	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_94011	QAGNPDPFDMR	AGAP008724-PA	M10(Oxidation)	54	1.55E-05	1	1263.541	-1.39	Head	3R:-:16068453-16068421	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_96481	QAGNPDPFDMR	AGAP008724-PA	M10(Oxidation)	45	0.000140685	1	1263.542	-0.62	Ovary	3R:-:16068453-16068421	exon=> In CDS Exon 2 of transcript AGAP008724-PA
JHU_Ag_114894	MMNDPIEHATGIEK	AGAP008724-PA	M1(Oxidation), M2(Oxidation)	74	3.36E-07	1	1617.724	-0.41	Ovary	3R:-:16068982-16069060,16068339-16068472	exon=> In CDS Exon 2 and 1 of transcript AGAP008724-PA
JHU_Ag_3899	ASFCQTFAEMKHPTGEWK	AGAP008727-PA	C4(Carbamidomethyl), M10(Oxidation)	73	4.89E-07	1	2170.971	1.08	Malpighian tubule	3R:+:16158825-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_5443	DVLALR	AGAP008727-PA	-	32	0.005068386	1	686.420	0.21	Head	3R:+:16158647-16158655,16158756-16158764	exon=> In CDS Exon 1 and 2 of transcript AGAP008727-PA

JHU_Ag_6578	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	70	1.33E-06	1	2078.977	2.87	Male reproductive organs	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_7784	ASFCQTFAEMKHPTGEWK	AGAP008727-PA	C4(Carbamidomethyl), M10(Oxidation)	46	0.000301491	1	2170.976	3.28	Larva	3R:+:16158825-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_8347	VDYPMPAIR	AGAP008727-PA	M5(Oxidation)	63	1.05E-05	2	1077.540	0.5	Visceras	3R:+:16158602-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_10887	HPTGEWK	AGAP008727-PA	-	42	0.000723459	1	854.415	-0.33	Midgut	3R:+:16158858-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_12574	DVLALR	AGAP008727-PA	-	44	0.000327242	1	686.420	0.3	Male reproductive organs	3R:+:16158647-16158655,16158756-16158764	exon=> In CDS Exon 1 and 2 of transcript AGAP008727-PA
JHU_Ag_13944	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	95	4.07E-09	1	2078.974	1.58	Head	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_14445	ASFCQTFAEMK	AGAP008727-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M10(Oxidation)","C4(Carbamidomethyl), Q5(Deamidated)"	81	4.39E-08	1	1335.571	0.46	Head	3R:+:16158825-16158857	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_15961	ASFCQTFAEMK	AGAP008727-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M10(Oxidation)"	91	4.28E-09	1	1319.576	-0.15	Midgut	3R:+:16158825-16158857	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_20990	ASFCQTFAEMKHPTGEWK	AGAP008727-PA	C4(Carbamidomethyl), M10(Oxidation)	59	1.22E-05	1	2170.966	-1.11	Midgut	3R:+:16158825-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_22632	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation),"M1(Oxidation), N5(Deamidated)"	122	8.21E-12	1	1637.866	-1.08	Head	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_23470	EVVGHGWNGLPVYADRVDYPMPAIR	AGAP008727-PA	N8(Deamidated), M21(Oxidation),M21(Oxidation)	94	6.38E-09	1	2828.387	1.47	Midgut	3R:+:16158554-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_25953	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	99	1.69E-09	1	1653.864	0.67	Salivary gland	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_31641	HPTGEWK	AGAP008727-PA	-	41	0.000869746	2	854.417	1.73	Visceras	3R:+:16158858-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_32590	EVVGHGWNGLPVYADRVDYPMPAIR	AGAP008727-PA	N8(Deamidated), M21(Oxidation),M21(Oxidation)	92	8.95E-09	1	2827.399	-0.02	Male reproductive organs	3R:+:16158554-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_32861	RMLDLNINPIHGVSSK	AGAP008727-PA	M2(Oxidation)	66	2.26E-06	1	1809.963	-0.76	Midgut	3R:+:16159005-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_33785	ASFCQTFAEMKHPTGEWK	AGAP008727-PA	C4(Carbamidomethyl), M10(Oxidation)	74	4.27E-07	1	2170.966	-1.11	Head	3R:+:16158825-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_35361	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	115	3.52E-11	1	1637.871	1.75	Malpighian tubule	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_36077	ASFCQTFAEMK	AGAP008727-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M10(Oxidation)"	89	8.93E-09	1	1335.574	2.56	Visceras	3R:+:16158825-16158857	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_36623	REVVGHGWNGLPVYADR	AGAP008727-PA	N9(Deamidated)	87	2.44E-08	1	1924.979	0.45	Malpighian tubule	3R:+:16158551-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_37161	REVVGHGWNGLPVYADR	AGAP008727-PA	-	73	5.89E-07	1	1924.980	1.12	Visceras	3R:+:16158551-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_38599	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	104	5.54E-10	1	2078.968	-1.12	Midgut	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_38697	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	85	3.46E-08	1	1637.874	3.69	Pupa	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_38728	ASFCQTFAEMK	AGAP008727-PA	C4(Carbamidomethyl)	67	1.17E-06	1	1319.578	1.7	Salivary gland	3R:+:16158825-16158857	exon=> In CDS Exon 2 of transcript AGAP008727-PA

JHU_Ag_38854	ACLGAALIAASMSLIGMMLLK	AGAP008727-PA	C2(Carbamidomethyl), M12(Oxidation), M17(Oxidation),"C2(Carbamidomethyl), M17(Oxidation), M18(Oxidation)","C2(Carbamidomethyl), M12(Oxidation), M17(Oxidation), M18(Oxidation)"	116	1.82E-11	1	2167.143	3.45	Visceras	3R:+:16158879-16158941	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_40539	ASFCQTFAEMKHPTGEWK	AGAP008727-PA	C4(Carbamidomethyl), M10(Oxidation)	81	7.89E-08	1	2170.969	0.24	Male reproductive organs	3R:+:16158825-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_42581	EVVGHGWNGLPVYADR	AGAP008727-PA	N8(Deamidated)	139	1.89E-13	1	1768.871	-3.03	Midgut	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_43399	ASFCQTFAEMKHPTGEWK	AGAP008727-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M10(Oxidation)"	63	5.83E-06	1	2170.971	1.34	Visceras	3R:+:16158825-16158878	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_46119	ASFCQTFAEMK	AGAP008727-PA	C4(Carbamidomethyl), M10(Oxidation)	36	0.001651487	1	1335.571	0.46	Male reproductive organs	3R:+:16158825-16158857	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_47067	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	72	8.38E-07	1	2078.968	-1.24	Pupa	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_47711	EVVGHGWNGLPVYADRVDYPMPAIR	AGAP008727-PA	N8(Deamidated), M21(Oxidation),M21(Oxidation)	130	1.09E-12	1	2811.415	4.19	Visceras	3R:+:16158554-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_49589	EVVGHGWNGLPVYADR	AGAP008727-PA	N8(Deamidated)	102	9.09E-10	1	1768.877	0.08	Head	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_49617	WDYDNNK	AGAP008727-PA	-	32	0.00230176	1	954.397	2.23	Visceras	3R:+:16159053-16159073	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_50235	REVVGHGWNGLPVYADR	AGAP008727-PA	-	62	7.00E-06	1	1924.990	6.16	Ovary	3R:+:16158551-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_52211	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	44	0.000564383	1	2078.975	1.93	Larva	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_54656	ACLGAALIAASMSLIGMMLLK	AGAP008727-PA	C2(Carbamidomethyl), M12(Oxidation), M17(Oxidation), M18(Oxidation)	123	4.53E-12	1	2183.135	1.83	Ovary	3R:+:16158879-16158941	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_57127	AFVYEPIPETFDEEHQK	AGAP008727-PA	Q16(Deamidated)	114	6.06E-11	1	2078.974	1.7	Malpighian tubule	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_59053	WDYDNNKWK	AGAP008727-PA	-	43	0.000444636	1	1268.569	-0.67	Head	3R:+:16159053-16159079	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_59645	REVVGHGWNGLPVYADR	AGAP008727-PA	-	105	4.16E-10	1	1924.974	-1.93	Head	3R:+:16158551-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_65088	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	52	9.08E-05	1	2078.972	0.81	Salivary gland	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_65743	WDYDNNKWK	AGAP008727-PA	N5(Deamidated)	39	0.001344396	1	1268.572	2.31	Visceras	3R:+:16159053-16159079	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_75999	ASFCQTFAEMK	AGAP008727-PA	C4(Carbamidomethyl), M10(Oxidation)	70	5.44E-07	1	1335.572	1.1	Ovary	3R:+:16158825-16158857	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_76303	VDYPMPAIR	AGAP008727-PA	-	41	0.001297224	2	1061.546	0.66	Pupa	3R:+:16158602-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_78863	DVLALR	AGAP008727-PA	-	39	0.002020292	1	686.422	3.5	Visceras	3R:+:16158647-16158655,16158756-16158764	exon=> In CDS Exon 1 and 2 of transcript AGAP008727-PA
JHU_Ag_79426	ASFCQTFAEMK	AGAP008727-PA	C4(Carbamidomethyl),"C4(Carbamidomethyl), M10(Oxidation)"	81	4.87E-08	1	1319.579	2.07	Malpighian tubule	3R:+:16158825-16158857	exon=> In CDS Exon 2 of transcript AGAP008727-PA

JHU_Ag_79640	EVVGHGWNGLPVYADR	AGAP008727-PA	N8(Deamidated)	125	4.75E-12	1	1769.865	2.21	Malpighian tubule	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_82717	EVVGHGWNGLPVYADR	AGAP008727-PA	N8(Deamidated)	92	9.08E-09	1	1769.861	0.35	Pupa	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_82820	ACLGAALIAASMSLIGMMLLK	AGAP008727-PA	C2(Carbamidomethyl), M17(Oxidation), M18(Oxidation),"C2(Carbamidomethyl), M12(Oxidation), M17(Oxidation), M18(Oxidation)"	86	2.25E-08	1	2167.139	1.3	Head	3R:+:16158879-16158941	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_85252	EVVGHGWNGLPVYADR	AGAP008727-PA	N8(Deamidated)	107	3.08E-10	1	1768.882	2.84	Visceras	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_87545	EVVGHGWNGLPVYADRVDYPMPAIR	AGAP008727-PA	M21(Oxidation)	86	3.17E-08	1	2827.403	1.73	Larva	3R:+:16158554-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_88991	VDYPMPAIR	AGAP008727-PA	M5(Oxidation)	67	4.32E-06	2	1077.539	-0.3	Midgut	3R:+:16158602-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_89012	VDYPMPAIR	AGAP008727-PA	M5(Oxidation)	67	3.85E-06	2	1061.548	2.5	Malpighian tubule	3R:+:16158602-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_89076	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	111	9.33E-11	1	1637.871	1.9	Visceras	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_90006	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	98	1.90E-09	1	1653.866	1.88	Ovary	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_90274	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	79	1.59E-07	1	1653.863	0	Male reproductive organs	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_91857	EVVGHGWNGLPVYADRVDYPMPAIR	AGAP008727-PA	N8(Deamidated), M21(Oxidation),M21(Oxidation),N8(Deamidated)	124	4.49E-12	1	2811.414	3.8	Malpighian tubule	3R:+:16158554-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_94418	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	82	9.00E-08	1	2078.971	0.17	Ovary	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_99633	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	73	5.50E-07	1	1653.879	9.41	Larva	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_99712	MLDLNINPIHGVSSKWDYDNNK	AGAP008727-PA	M1(Oxidation)	82	1.12E-07	1	2589.254	5.12	Malpighian tubule	3R:+:16159008-16159073	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_102898	EVVGHGWNGLPVYADR	AGAP008727-PA	-	100	1.74E-09	1	1768.883	3.66	Ovary	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_102914	DVLALR	AGAP008727-PA	-	44	0.000698899	1	686.422	2.79	Midgut	3R:+:16158647-16158655,16158756-16158764	exon=> In CDS Exon 1 and 2 of transcript AGAP008727-PA
JHU_Ag_108429	AFVYEPIPETFDEEHQKAQLK	AGAP008727-PA	-	43	0.000712688	1	2519.256	4.22	Malpighian tubule	3R:+:16158942-16159004	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_108542	DVLALREK	AGAP008727-PA	-	45	0.000440894	1	943.559	1.96	Malpighian tubule	3R:+:16158647-16158655,16158756-16158770	exon=> In CDS Exon 1 and 2 of transcript AGAP008727-PA
JHU_Ag_110812	EVVGHGWNGLPVYADR	AGAP008727-PA	-	105	5.15E-10	1	1768.878	0.9	Male reproductive organs	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA

JHU_Ag_112103	ACLGAALIAASMSLIGMMLLK	AGAP008727-PA	C2(Carbamidomethyl), M12(Oxidation),"C2(Carbamidomethyl), M17(Oxidation), M18(Oxidation)","C2(Carbamidomethyl), M12(Oxidation), M17(Oxidation), M18(Oxidation)","C2(Carbamidomethyl), M17(Oxidation)"	116	2.08E-11	1	2167.137	0.41	Midgut	3R:+:16158879-16158941	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_114130	EVVGHGWNGLPVYADR	AGAP008727-PA	N8(Deamidated)	97	3.46E-09	1	1768.883	3.73	Larva	3R:+:16158554-16158601	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_114511	VDYPMPAIR	AGAP008727-PA	M5(Oxidation)	60	2.22E-05	2	1077.539	-0.3	Male reproductive organs	3R:+:16158602-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_114802	DVLALR	AGAP008727-PA	-	44	0.000304952	1	686.420	1.19	Malpighian tubule	3R:+:16158647-16158655,16158756-16158764	exon=> In CDS Exon 1 and 2 of transcript AGAP008727-PA
JHU_Ag_114943	AFVYEPIPETFDEEHQK	AGAP008727-PA	-	81	1.14E-07	1	2078.972	0.76	Visceras	3R:+:16158942-16158992	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_116043	MLDLNINPIHGVSSK	AGAP008727-PA	M1(Oxidation)	115	3.84E-11	1	1637.865	-1.83	Midgut	3R:+:16159008-16159052	exon=> In CDS Exon 2 of transcript AGAP008727-PA
JHU_Ag_117003	EVVGHGWNGLPVYADRVDYPMPAIR	AGAP008727-PA	M21(Oxidation)	115	3.47E-11	1	2811.409	1.91	Head	3R:+:16158554-16158628	exon=> In CDS Exon 1 of transcript AGAP008727-PA
JHU_Ag_2352	LIMDKPELLYEIK	AGAP008730-PA	M3(Oxidation)	47	0.000136515	1	1620.894	1.07	Ovary	3R:-:16167839-16167801	exon=> In CDS Exon 3 of transcript AGAP008730-PA
JHU_Ag_11086	LHSPFLSEEANR	AGAP008730-PA	-	42	0.000794107	1	1399.699	1.71	Ovary	3R:-:16168267-16168327,16168122-16168174	exon=> In CDS Exon 2 and 1 of transcript AGAP008730-PA
JHU_Ag_39292	LDHLNLDKDVPYFK	AGAP008730-PA	-	88	2.48E-08	1	1716.896	0.45	Ovary	3R:-:16167935-16167894	exon=> In CDS Exon 3 of transcript AGAP008730-PA
JHU_Ag_53743	NLASTTENVAIFIWDSLK	AGAP008730-PA	-	89	1.45E-08	1	2022.061	3.19	Ovary	3R:-:16167893-16167840	exon=> In CDS Exon 3 of transcript AGAP008730-PA
JHU_Ag_75882	TGMVMNITDLK	AGAP008730-PA	M3(Oxidation), M5(Oxidation)	71	1.16E-06	1	1254.609	1.52	Ovary	3R:-:16167998-16167966	exon=> In CDS Exon 3 of transcript AGAP008730-PA
JHU_Ag_91309	SSRPQVYLTR	AGAP008730-PA	N-Term(Acetyl)	53	6.98E-05	1	1248.668	-0.93	Ovary	3R:-:16168324-16168295	exon=> In CDS Exon 1 of transcript AGAP008730-PA
JHU_Ag_93784	SSRPQVYLTR	AGAP008730-PA	N-Term(Acetyl)	50	0.000140437	1	1248.666	-2.79	Malpighian tubule	3R:-:16168324-16168295	exon=> In CDS Exon 1 of transcript AGAP008730-PA
JHU_Ag_98146	SSRPQVYLTR	AGAP008730-PA	N-Term(Acetyl)	45	0.000433726	1	1248.667	-2.11	Midgut	3R:-:16168324-16168295	exon=> In CDS Exon 1 of transcript AGAP008730-PA
JHU_Ag_49994	SLGPCADLQLEQFAVLR	AGAP008731-PA	C5(Carbamidomethyl)	114	6.61E-11	1	1916.993	1.64	Midgut	3R:-:16181203-16181153	exon=> In CDS Exon 3 of transcript AGAP008731-PA
JHU_Ag_71785	YAFLATEPGTQFYHSHSGHHK	AGAP008731-PA	-	36	0.00431448	1	2415.127	0.28	Midgut	3R:-:16181821-16181759	exon=> In CDS Exon 2 of transcript AGAP008731-PA
JHU_Ag_116455	RVPITLEIAQNIAR	AGAP008731-PA	-	86	3.58E-09	1	1593.945	0.76	Malpighian tubule	3R:-:16180500-16180459	exon=> In CDS Exon 4 of transcript AGAP008731-PA
JHU_Ag_29401	QVNLLLQK	AGAP008735-PA	Q1(Deamidated), Q7(Deamidated),"N3(Deamidated), Q7(Deamidated)"	35	0.003779137	1	957.571	10.14	Male reproductive organs	3R:-:16320918-16321318,16320621-16320762	exon=> In CDS Exon 4 and 3 of transcript AGAP008735-PA
JHU_Ag_101538	QVNLLLQK	AGAP008735-PA	Q1(Deamidated), Q7(Deamidated),"N3(Deamidated), Q7(Deamidated)"	35	0.00293404	1	957.568	7.21	Head	3R:-:16320918-16321318,16320621-16320762	exon=> In CDS Exon 4 and 3 of transcript AGAP008735-PA

JHU_Ag_7604	LNQSISHNPFHDILVQR	AGAP008737-PA	-	41	0.001117096	1	2018.059	1.23	Head	3R:+:16387676-16387726	exon=> In CDS Exon 9 of transcript AGAP008737-PA
JHU_Ag_7699	RVSGGGGGGGGDEDLSGAYGR	AGAP008738-PA	-	76	3.18E-07	1	1880.856	3.84	Malpighian tubule	3R:+:16396803-16396865	exon=> In CDS Exon 3 of transcript AGAP008738-PA
JHU_Ag_14868	TGFNHQPDRVR	AGAP008738-PA	-	36	0.003272692	1	1326.669	2.27	Malpighian tubule	3R:+:16396770-16396802	exon=> In CDS Exon 3 of transcript AGAP008738-PA
JHU_Ag_23157	NHEFSNR	AGAP008738-PA	-	31	0.003261884	1	903.409	2.86	Ovary	3R:+:16396988-16397008	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_23773	IPTQAELQQHTQSIMK	AGAP008738-PA	M15(Oxidation)	75	4.02E-07	1	1868.962	4.56	Ovary	3R:+:16398080-16398127	exon=> In CDS Exon 7 of transcript AGAP008738-PA
JHU_Ag_26457	LLEMLAAQNQR	AGAP008738-PA	M4(Oxidation)	80	1.72E-07	1	1302.687	2.81	Malpighian tubule	3R:+:16397927-16397959	exon=> In CDS Exon 7 of transcript AGAP008738-PA
JHU_Ag_31292	LQDTIIEEEPEWVAAGPTSR	AGAP008738-PA	-	77	2.77E-07	2	2241.112	3.63	Ovary	3R:+:16397117-16397176	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_46064	NHHVIVK	AGAP008738-PA	-	47	0.000223811	1	846.495	1.2	Ovary	3R:+:16397009-16397029	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_63190	TGFNHQPDR	AGAP008738-PA	-	40	0.000931275	1	1071.500	3.22	Malpighian tubule	3R:+:16396770-16396796	exon=> In CDS Exon 3 of transcript AGAP008738-PA
JHU_Ag_68656	GAFFDELLHYEHVHPK	AGAP008738-PA	-	84	6.58E-08	1	1938.960	5.37	Ovary	3R:+:16397270-16397317	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_69920	LQDTIIEEEPEWVAAGPTSR	AGAP008738-PA	-	88	2.00E-08	2	2241.121	7.66	Malpighian tubule	3R:+:16397117-16397176	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_73178	IPTQAELQQHTQSIMK	AGAP008738-PA	M15(Oxidation)	66	3.56E-06	1	1868.960	3.58	Malpighian tubule	3R:+:16398080-16398127	exon=> In CDS Exon 7 of transcript AGAP008738-PA
JHU_Ag_78471	NHEFSNRNHHVIVK	AGAP008738-PA	-	41	0.001087775	1	1730.887	1.92	Malpighian tubule	3R:+:16396988-16397029	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_80322	VSGGGGGGGGDEDLSGAYGR	AGAP008738-PA	-	168	1.09E-16	1	1724.752	2.67	Malpighian tubule	3R:+:16396806-16396865	exon=> In CDS Exon 3 of transcript AGAP008738-PA
JHU_Ag_81436	LLEMLAAQNQR	AGAP008738-PA	-	43	0.000716043	2	1286.691	2.12	Ovary	3R:+:16397927-16397959	exon=> In CDS Exon 7 of transcript AGAP008738-PA
JHU_Ag_83644	GAFFDELLHYEHVHPK	AGAP008738-PA	-	53	8.65E-05	1	1938.959	4.99	Malpighian tubule	3R:+:16397270-16397317	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_89752	RPAAIDEPR	AGAP008738-PA	-	38	0.00169522	2	1024.557	3.01	Malpighian tubule	3R:+:16396716-16396742	exon=> In CDS Exon 3 of transcript AGAP008738-PA
JHU_Ag_93864	NVAESLKTSPVGVK	AGAP008738-PA	-	87	1.46E-08	1	1428.811	3.65	Malpighian tubule	3R:+:16397222-16397263	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_97943	LDTIELRGFDEDMSR	AGAP008738-PA	M13(Oxidation)	63	6.08E-06	1	1812.852	4.75	Malpighian tubule	3R:+:16397177-16397221	exon=> In CDS Exon 4 of transcript AGAP008738-PA
JHU_Ag_13884	RQELFEMAPISLNNLYELR	AGAP008745-PA	M7(Oxidation)	55	3.83E-05	1	2352.200	-0.85	Male reproductive organs	3R:+:16831739-16831795	exon=> In CDS Exon 1 of transcript AGAP008745-PA
JHU_Ag_34166	ALEQSILR	AGAP008745-PA	-	45	0.000449795	2	929.543	1.89	Male reproductive organs	3R:+:16830011-16830034	exon=> In CDS Exon 1 of transcript AGAP008745-PA
JHU_Ag_73473	LQLYFPFEDPKK	AGAP008745-PA	-	46	0.00026205	1	1524.809	-0.18	Male reproductive organs	3R:+:16829861-16829896	exon=> In CDS Exon 1 of transcript AGAP008745-PA
JHU_Ag_112497	ELWTVAADYLK	AGAP008745-PA	-	59	1.94E-05	1	1308.685	0.78	Male reproductive organs	3R:+:16831817-16831849	exon=> In CDS Exon 1 of transcript AGAP008745-PA
JHU_Ag_4014	TFSFGVPAGSTSDAATAEK	AGAP008747-PA	-	45	0.000482894	1	1843.875	2.09	Ovary	3R:+:16867424-16867480	exon=> In CDS Exon 1 of transcript AGAP008747-PA
JHU_Ag_12347	STAVTSPDTPK	AGAP008747-PA	-	51	0.000125473	2	1103.559	0.63	Ovary	3R:+:16867208-16867240	exon=> In CDS Exon 1 of transcript AGAP008747-PA
JHU_Ag_15454	ATEAAKPNNNFTFGTLAGGK	AGAP008747-PA	-	41	0.001375574	1	2009.009	0.29	Ovary	3R:+:16866656-16866715	exon=> In CDS Exon 1 of transcript AGAP008747-PA
JHU_Ag_36363	TASSTSSGFGISSSK	AGAP008747-PA	-	63	6.94E-06	2	1403.667	1.15	Ovary	3R:+:16866521-16866565	exon=> In CDS Exon 1 of transcript AGAP008747-PA
JHU_Ag_69515	TFTFGSPAAAAAVK	AGAP008747-PA	-	58	1.65E-05	2	1338.707	1.51	Ovary	3R:+:16867166-16867207	exon=> In CDS Exon 1 of transcript AGAP008747-PA

JHU_Ag_82035	TAPTTTSQAAAPENK	AGAP008747-PA	-	73	7.77E-07	2	1487.737	2.38	Malpighian tubule	3R:+:16867838-16867882	exon=> In CDS Exon 2 of transcript AGAP008747-PA
JHU_Ag_96847	GFAFGSSPAATPK	AGAP008747-PA	-	38	0.002294724	2	1237.623	1.51	Ovary	3R:+:16866914-16866952	exon=> In CDS Exon 1 of transcript AGAP008747-PA
JHU_Ag_105731	TASSTSSGFGISSSK	AGAP008747-PA	-	53	7.83E-05	2	1403.669	3.15	Malpighian tubule	3R:+:16866521-16866565	exon=> In CDS Exon 1 of transcript AGAP008747-PA
JHU_Ag_520	VCPAGYELDGEECTQAVHVAPICPSGYRPALNAGSTCIQTSCPNGYK	AGAP008752-PA	C2(Carbamidomethyl), C13(Carbamidomethyl), C23(Carbamidomethyl), C37(Carbamidomethyl), Q39(Deamidated), C42(Carbamidomethyl),"C2(Carbamidomethyl), C13(Carbamidomethyl), C23(Carbamidomethyl), C37(Carbamidomethyl), C42(Carbamidomethyl), N44(Deamidated)","C2(Carbamidomethyl), C13(Carbamidomethyl), C23(Carbamidomethyl), N32(Deamidated), C37(Carbamidomethyl), C42(Carbamidomethyl)"	60	5.50E-06	1	5156.309	2.7	Malpighian tubule	3R:+:17090581-17090721	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_866	IEEPAPCPEGTYR	AGAP008752-PA	C7(Carbamidomethyl)	54	4.92E-05	2	1518.690	0.64	Salivary gland	3R:+:17090983-17091021	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_1936	HCVYPDAPECEDVQHVATQCTSEIDSR	AGAP008752-PA	C2(Carbamidomethyl), C10(Carbamidomethyl), C20(Carbamidomethyl)	133	1.31E-13	1	3203.336	-3.12	Head	3R:+:17091031-17091111	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_3398	SGHFYNGSCVEVAK	AGAP008752-PA	C9(Carbamidomethyl),"N6(Deamidated), C9(Carbamidomethyl)"	88	1.51E-08	1	1554.700	-0.31	Midgut	3R:+:17089105-17089146	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_7072	TPSCPADYK	AGAP008752-PA	C4(Carbamidomethyl)	38	0.000966727	1	1038.456	-0.28	Midgut	3R:+:17091895-17091921	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_8867	TIYTDR	AGAP008752-PA	-	37	0.001714915	2	768.389	0.16	Midgut	3R:+:17090206-17090223	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_9201	VACPAGHFLR	AGAP008752-PA	C3(Carbamidomethyl)	55	3.20E-05	2	1127.577	-0.53	Midgut	3R:+:17091253-17091282	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_10718	CYCEVDLMCPTGYER	AGAP008752-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), M8(Oxidation), C9(Carbamidomethyl),"C1(Carbamidomethyl), C3(Carbamidomethyl), C9(Carbamidomethyl)"	123	6.11E-13	1	1968.760	0.02	Midgut	3R:+:17090233-17090277	exon=> In CDS Exon 2 of transcript AGAP008752-PA

JHU_Ag_11679	IRPAYSCPEGTVER	AGAP008752-PA	C7(Carbamidomethyl)	54	6.82E-05	1	1634.790	-3.36	Head	3R:+:17089549-17089590	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_12211	IEEPAPCPEGTYR	AGAP008752-PA	C7(Carbamidomethyl)	60	0.0000126	2	1518.694	2.89	Malpighian tubule	3R:+:17090983-17091021	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_12827	LTGTGLTCEKR	AGAP008752-PA	C8(Carbamidomethyl)	46	0.000440665	1	1235.644	1.86	Salivary gland	3R:+:17090722-17090754	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_13455	ECPEGFLAGADACVR	AGAP008752-PA	C2(Carbamidomethyl), C13(Carbamidomethyl)	119	8.44E-12	1	1651.711	-5.85	Midgut	3R:+:17089963-17090007	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_18163	WCGLPANCPEGYTLSEAGHCLR	AGAP008752-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C20(Carbamidomethyl)	60	1.03E-05	1	2548.118	0.51	Malpighian tubule	3R:+:17089477-17089542	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_19018	VNSSCLAYYDK	AGAP008752-PA	N2(Deamidated), C5(Carbamidomethyl),C5(Carbamidomethyl)	88	1.43E-08	2	1319.594	-0.08	Midgut	3R:+:17090548-17090580	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_19494	LPVECAVGQTFNGGQCETVTTVGRPVCR	AGAP008752-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C27(Carbamidomethyl)	112	8.43E-11	1	3092.462	-2.85	Malpighian tubule	3R:+:17089021-17089104	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_21233	AAEYGLATCSR	AGAP008752-PA	C9(Carbamidomethyl)	82	5.65E-08	2	1198.548	-3.64	Midgut	3R:+:17091388-17091420	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_21918	IRPAYSCPEGTVER	AGAP008752-PA	C7(Carbamidomethyl)	73	8.42E-07	1	1634.792	-2.21	Midgut	3R:+:17089549-17089590	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_24071	TAPTCPQGYR	AGAP008752-PA	C5(Carbamidomethyl)	52	6.99E-05	1	1150.531	-0.38	Midgut	3R:+:17091130-17091159	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_25035	DGYCVTVDATRPR	AGAP008752-PA	C4(Carbamidomethyl)	52	8.96E-05	1	1509.714	1.75	Malpighian tubule	3R:+:17091283-17091321	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_29090	HQQASPDLR	AGAP008752-PA	-	58	2.22E-05	1	1051.527	-0.55	Midgut	3R:+:17088973-17088999	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_29370	YDPGVDLCTR	AGAP008752-PA	C8(Carbamidomethyl)	39	0.001460248	2	1195.542	0.66	Salivary gland	3R:+:17089639-17089668	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_31519	NGTIEGAYCVER	AGAP008752-PA	C9(Carbamidomethyl),"N1(Deamidated), C9(Carbamidomethyl)"	83	6.08E-08	1	1368.621	-0.56	Midgut	3R:+:17090833-17090868	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_32610	HCVYPDAPECEDVQHVATQCTSEIDSR	AGAP008752-PA	C2(Carbamidomethyl), C10(Carbamidomethyl), C20(Carbamidomethyl)	131	2.51E-13	1	3203.347	0.31	Malpighian tubule	3R:+:17091031-17091111	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_33126	DAVCPDGYER	AGAP008752-PA	C4(Carbamidomethyl)	29	0.004385759	1	1181.487	-1.89	Salivary gland	3R:+:17090119-17090148	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_33994	LPVECAVGQTFNGGQCETVTTVGRPVCR	AGAP008752-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C27(Carbamidomethyl)	95	4.26E-09	1	3092.477	1.77	Salivary gland	3R:+:17089021-17089104	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_34082	QLVTSKPVCPTGTSPDR	AGAP008752-PA	C9(Carbamidomethyl)	72	9.16E-07	2	1842.937	-0.66	Midgut	3R:+:17091742-17091792	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_34176	EDVHCPEGSYAVEGR	AGAP008752-PA	C5(Carbamidomethyl)	87	1.04E-08	1	1704.729	0.23	Midgut	3R:+:17089903-17089947	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_36547	TVVEASVSR	AGAP008752-PA	-	73	6.53E-07	1	947.516	-0.14	Midgut	3R:+:17090089-17090115	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_36914	EFTRPTCPEGYIQR	AGAP008752-PA	C7(Carbamidomethyl), Q13(Deamidated),C7(Carbamidomethyl)	89	2.19E-08	1	1753.832	-0.21	Midgut	3R:+:17090869-17090910	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_37046	KDAVCPDGYER	AGAP008752-PA	C5(Carbamidomethyl)	77	2.42E-07	1	1309.583	-0.68	Midgut	3R:+:17090116-17090148	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_37301	VLDGVCVISR	AGAP008752-PA	C6(Carbamidomethyl)	76	3.25E-07	2	1117.606	1.84	Salivary gland	3R:+:17089225-17089254	exon=> In CDS Exon 2 of transcript AGAP008752-PA

JHU_Ag_37355	EDVHCPEGSYAVEGR	AGAP008752-PA	C5(Carbamidomethyl)	37	0.001148566	1	1704.737	5.03	Salivary gland	3R:+:17089903-17089947	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_40904	WCGLPANCPEGYTLSEAGHCLR	AGAP008752-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C20(Carbamidomethyl)	127	1.65E-12	1	2548.105	-4.52	Midgut	3R:+:17089477-17089542	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_41703	RGTHACTFECGLYQR	AGAP008752-PA	C6(Carbamidomethyl), C10(Carbamidomethyl)	93	5.71E-09	1	1855.832	-0.22	Midgut	3R:+:17089423-17089467	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_42030	AAEYGLATCSR	AGAP008752-PA	C9(Carbamidomethyl)	39	0.001197409	2	1198.552	0.12	Salivary gland	3R:+:17091388-17091420	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_42078	YDPGVDLCTR	AGAP008752-PA	C8(Carbamidomethyl)	34	0.004011895	2	1195.542	0.26	Malpighian tubule	3R:+:17089639-17089668	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_42187	QLVTSKPVCPTGTSPDRYEPR	AGAP008752-PA	C9(Carbamidomethyl)	65	4.83E-06	1	2388.207	3.69	Midgut	3R:+:17091742-17091804	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_44274	AVYNCPAEHHYQNGVCLK	AGAP008752-PA	C5(Carbamidomethyl), C16(Carbamidomethyl),"C5(Carbamidomethyl), Q12(Deamidated), C16(Carbamidomethyl)","C5(Carbamidomethyl), N13(Deamidated), C16(Carbamidomethyl)"	133	6.50E-13	1	2159.982	3.34	Midgut	3R:+:17091829-17091882	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_45714	GEDCTTQGTCR	AGAP008752-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	61	8.35E-07	2	1284.494	-0.05	Malpighian tubule	3R:+:17090911-17090943	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_45983	GTLNGVCSCEQEQHVASACAAGK	AGAP008752-PA	N4(Deamidated), C7(Carbamidomethyl), C9(Carbamidomethyl), C19(Carbamidomethyl),"C7(Carbamidomethyl), C9(Carbamidomethyl), C19(Carbamidomethyl)"	75	1.52E-07	1	2435.042	1.34	Malpighian tubule	3R:+:17089156-17089224	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_47298	LPVECAVGQTFNGGQCETVTTVGRPVCR	AGAP008752-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C27(Carbamidomethyl)	117	3.02E-11	1	3092.474	0.82	Head	3R:+:17089021-17089104	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_49439	CIACQSEKPNCPAHLAIR	AGAP008752-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C11(Carbamidomethyl)	118	2.82E-11	1	2125.001	-4.43	Midgut	3R:+:17091175-17091228	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_50007	SYSCPPGYVQR	AGAP008752-PA	C4(Carbamidomethyl)	42	0.000602265	1	1313.600	4.06	Malpighian tubule	3R:+:17088709-17088741	exon=> In CDS Exon 1 of transcript AGAP008752-PA
JHU_Ag_51105	IEEPAPCPEGTYR	AGAP008752-PA	C7(Carbamidomethyl)	90	1.22E-08	1	1518.689	-0.57	Midgut	3R:+:17090983-17091021	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_51774	AVYNCPAEHHYQNGVCLKK	AGAP008752-PA	C5(Carbamidomethyl), C16(Carbamidomethyl),"C5(Carbamidomethyl), Q12(Deamidated), C16(Carbamidomethyl)","C5(Carbamidomethyl), N13(Deamidated), C16(Carbamidomethyl)"	56	3.43E-05	1	2289.056	1.04	Midgut	3R:+:17091829-17091885	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_51962	GNLTGGQCVWSEPACPAGHEWK	AGAP008752-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	110	9.14E-11	1	2441.074	-0.76	Midgut	3R:+:17089699-17089764	exon=> In CDS Exon 2 of transcript AGAP008752-PA

JHU_Ag_52237	GFLQHGK	AGAP008752-PA	-	30	0.006082398	1	786.428	3.46	Salivary gland	3R:+:17091421-17091441	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_53007	LRNGVCVR	AGAP008752-PA	N3(Deamidated), C6(Carbamidomethyl)	32	0.012430174	1	974.520	0.38	Midgut	3R:+:17089279-17089302	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_53016	GEDCTTQGTCR	AGAP008752-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	67	2.41E-07	1	1284.495	0.14	Midgut	3R:+:17090911-17090943	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_54266	IRPAYSCPEGTVERGDR	AGAP008752-PA	C7(Carbamidomethyl)	68	2.73E-06	1	1962.953	4.03	Malpighian tubule	3R:+:17089549-17089599	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_54560	GYCWQR	AGAP008752-PA	C3(Carbamidomethyl)	31	0.003352432	1	869.372	-0.22	Midgut	3R:+:17091112-17091129	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_59550	VGELCIGGTPK	AGAP008752-PA	C5(Carbamidomethyl)	64	5.37E-06	2	1130.586	-1.33	Salivary gland	3R:+:17091547-17091579	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_60120	ECPEGFLAGADACVR	AGAP008752-PA	C2(Carbamidomethyl), C13(Carbamidomethyl)	80	7.27E-08	1	1651.722	1.1	Salivary gland	3R:+:17089963-17090007	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_60285	HCVYPDAPECEDVQHVATQCTSEIDSR	AGAP008752-PA	C2(Carbamidomethyl), C10(Carbamidomethyl), C20(Carbamidomethyl),"C 2(Carbamidomethyl), C10(Carbamidomethyl), Q14(Deamidated), C20(Carbamidomethyl)"," C2(Carbamidomethyl), C10(Carbamidomethyl), Q19(Deamidated), C20(Carbamidomethyl)"	124	9.96E-13	1	3203.344	-0.61	Midgut	3R:+:17091031-17091111	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_60484	DSVCVR	AGAP008752-PA	C4(Carbamidomethyl)	37	0.001726346	2	735.345	0.01	Midgut	3R:+:17089765-17089782	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_61898	EDVHCPEGSYAVEGR	AGAP008752-PA	C5(Carbamidomethyl)	90	5.36E-09	1	1704.738	5.89	Malpighian tubule	3R:+:17089903-17089947	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_64613	GNLTGGQCVWSEPACPAGHEWKDSV CVR	AGAP008752-PA	C8(Carbamidomethyl), C15(Carbamidomethyl), C26(Carbamidomethyl)	43	0.000420234	1	3157.399	-1.59	Midgut	3R:+:17089699-17089782	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_65049	RTVVEASVSR	AGAP008752-PA	-	78	1.86E-07	2	1103.617	0.06	Midgut	3R:+:17090086-17090115	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_66277	VGELCIGGTPK	AGAP008752-PA	C5(Carbamidomethyl)	102	8.79E-10	2	1130.588	0.29	Midgut	3R:+:17091547-17091579	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_66695	SYSCPPGYVQR	AGAP008752-PA	C4(Carbamidomethyl)	39	0.000986203	1	1313.595	0.34	Salivary gland	3R:+:17088709-17088741	exon=> In CDS Exon 1 of transcript AGAP008752-PA
JHU_Ag_67547	LTGTGLTCEKR	AGAP008752-PA	C8(Carbamidomethyl)	71	1.30E-06	1	1235.641	-0.41	Midgut	3R:+:17090722-17090754	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_68916	AHCKPPAK	AGAP008752-PA	C3(Carbamidomethyl)	36	0.003834347	1	908.478	1.4	Midgut	3R:+:17089255-17089278	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_69521	VGELCIGGTPK	AGAP008752-PA	C5(Carbamidomethyl)	81	1.10E-07	2	1130.587	-0.36	Malpighian tubule	3R:+:17091547-17091579	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_69825	GYEHGEQCVHGELACPTGGYELQGEV CTLR	AGAP008752-PA	C8(Carbamidomethyl), C15(Carbamidomethyl), C27(Carbamidomethyl)	99	8.46E-10	1	3406.494	1.6	Midgut	3R:+:17089813-17089902	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_70455	VLDGVCVISR	AGAP008752-PA	C6(Carbamidomethyl)	81	9.05E-08	2	1117.602	-0.9	Midgut	3R:+:17089225-17089254	exon=> In CDS Exon 2 of transcript AGAP008752-PA

JHU_Ag_70648	GFLQHGK	AGAP008752-PA	-	35	0.002265459	2	786.426	-0.19	Midgut	3R:+:17091421-17091441	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_71256	EKIRPAYSCPEGTVER	AGAP008752-PA	C9(Carbamidomethyl)	75	6.09E-07	1	1891.935	0.9	Midgut	3R:+:17089543-17089590	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_71408	QLVTSKPVCPTGTSPDRYEPR	AGAP008752-PA	C9(Carbamidomethyl)	40	0.001284848	1	2388.206	3.38	Malpighian tubule	3R:+:17091742-17091804	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_72546	SPKPCPPGWDFFQGACHR	AGAP008752-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	131	7.79E-13	1	2143.958	-0.34	Midgut	3R:+:17090764-17090817	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_75187	LPVECAVGQTFNGGQCETVTTVGRPVCR	AGAP008752-PA	C5(Carbamidomethyl), C16(Carbamidomethyl), C27(Carbamidomethyl),"C5(Carbamidomethyl), Q9(Deamidated), C16(Carbamidomethyl), C27(Carbamidomethyl)","C5(Carbamidomethyl), N12(Deamidated), C16(Carbamidomethyl), C27(Carbamidomethyl)"	133	7.33E-13	1	3092.471	-0.01	Midgut	3R:+:17089021-17089104	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_77724	GTLNGVCSCEQEQHVASACAAGK	AGAP008752-PA	N4(Deamidated), C7(Carbamidomethyl), C9(Carbamidomethyl), C19(Carbamidomethyl),"C7(Carbamidomethyl), C9(Carbamidomethyl), C19(Carbamidomethyl)","C7(Carbamidomethyl), C9(Carbamidomethyl), Q11(Deamidated), C19(Carbamidomethyl)"	139	5.20E-14	1	2435.036	-1	Midgut	3R:+:17089156-17089224	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_77881	TIGAVLIDGMCVR	AGAP008752-PA	M10(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	104	6.94E-10	1	1420.729	0.03	Midgut	3R:+:17090944-17090982	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_78037	IRPAYSCPEGTVERGDR	AGAP008752-PA	C7(Carbamidomethyl)	42	0.000924365	1	1962.945	0.11	Midgut	3R:+:17089549-17089599	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_78237	CADAHHTLVGGECQLR	AGAP008752-PA	C1(Carbamidomethyl), C13(Carbamidomethyl)	96	2.63E-09	1	1823.827	-0.58	Midgut	3R:+:17091460-17091507	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_79271	TRPHCPEGGVPYQR	AGAP008752-PA	C5(Carbamidomethyl)	58	2.76E-05	1	1653.791	-0.56	Midgut	3R:+:17089312-17089353	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_80717	DAVCPDGYER	AGAP008752-PA	C4(Carbamidomethyl)	52	2.12E-05	1	1181.484	-4.06	Midgut	3R:+:17090119-17090148	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_81968	CVSVSPLCR	AGAP008752-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	50	0.000154311	2	1077.517	-0.7	Midgut	3R:+:17089600-17089626	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_83311	TRPHCPEGGVPYQR	AGAP008752-PA	C5(Carbamidomethyl)	57	3.71E-05	1	1653.791	-0.42	Malpighian tubule	3R:+:17089312-17089353	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_84989	CVEHAR	AGAP008752-PA	C1(Carbamidomethyl)	35	0.000944387	2	771.356	-0.46	Midgut	3R:+:17091442-17091459	exon=> In CDS Exon 2 of transcript AGAP008752-PA

JHU_Ag_85102	TGTDCTYR	AGAP008752-PA	C5(Carbamidomethyl)	42	8.67E-05	2	973.405	0.2	Salivary gland	3R:+:17090278-17090301	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_86516	CSSSGAMFDGR	AGAP008752-PA	C1(Carbamidomethyl), M7(Oxidation),C1(Carbamidomethyl)	95	1.45E-10	2	1190.456	-0.48	Midgut	3R:+:17091700-17091732	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_87069	LTGTGLTCEK	AGAP008752-PA	C8(Carbamidomethyl)	41	0.001224333	2	1079.539	-1.22	Malpighian tubule	3R:+:17090722-17090751	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_88524	GTHACTFECGLYQR	AGAP008752-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	52	3.77E-05	2	1699.734	1.67	Salivary gland	3R:+:17089426-17089467	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_88787	GCVLEQIHCPPGSK	AGAP008752-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	64	6.52E-06	1	1581.764	7.86	Midgut	3R:+:17088640-17088681	exon=> In CDS Exon 1 of transcript AGAP008752-PA
JHU_Ag_89222	GFTLDEHGLCR	AGAP008752-PA	C10(Carbamidomethyl)	66	3.45E-06	2	1304.604	-1.3	Salivary gland	3R:+:17089390-17089422	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_89605	GFTLDEHGLCR	AGAP008752-PA	C10(Carbamidomethyl)	94	5.55E-09	1	1304.605	-0.55	Midgut	3R:+:17089390-17089422	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_91262	GYEHGEQCVHGELACPTGGYELQGEVCTLR	AGAP008752-PA	C8(Carbamidomethyl), C15(Carbamidomethyl), C27(Carbamidomethyl)	110	4.72E-11	1	3406.473	-4.64	Malpighian tubule	3R:+:17089813-17089902	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_93773	IRPAYSCPEGTVER	AGAP008752-PA	C7(Carbamidomethyl)	88	2.80E-08	1	1634.801	3.13	Malpighian tubule	3R:+:17089549-17089590	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_95489	NGVCVR	AGAP008752-PA	N1(Deamidated), C4(Carbamidomethyl)	38	0.002182425	2	705.336	1.67	Head	3R:+:17089285-17089302	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_100965	EYCALEAPR	AGAP008752-PA	C3(Carbamidomethyl)	62	6.24E-06	2	1108.510	0.32	Midgut	3R:+:17089354-17089380	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_101074	GTHACTFECGLYQR	AGAP008752-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	84	2.25E-08	1	1699.736	2.46	Malpighian tubule	3R:+:17089426-17089467	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_103965	YDPGVDLCTR	AGAP008752-PA	C8(Carbamidomethyl)	79	1.40E-07	1	1195.542	0.77	Midgut	3R:+:17089639-17089668	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_104338	AAEYGLATCSR	AGAP008752-PA	C9(Carbamidomethyl)	46	0.000214766	2	1198.553	0.43	Malpighian tubule	3R:+:17091388-17091420	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_105000	GTHACTFECGLYQR	AGAP008752-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	42	0.000344662	1	1699.733	0.76	Ovary	3R:+:17089426-17089467	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_105458	AHCKPPAK	AGAP008752-PA	C3(Carbamidomethyl)	33	0.006993449	1	908.478	0.51	Malpighian tubule	3R:+:17089255-17089278	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_106212	TVVEASVSRK	AGAP008752-PA	-	75	2.29E-07	1	1075.611	0.22	Midgut	3R:+:17090089-17090118	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_106836	TFVDASCHGK	AGAP008752-PA	C7(Carbamidomethyl)	66	2.42E-06	1	1121.504	-0.13	Midgut	3R:+:17091508-17091537	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_108845	IHSVTYR	AGAP008752-PA	-	42	0.00104108	1	875.473	-0.07	Midgut	3R:+:17089000-17089020	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_109030	TGTDCTYR	AGAP008752-PA	C5(Carbamidomethyl)	56	3.17E-06	2	973.405	0.32	Midgut	3R:+:17090278-17090301	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_112952	GTHACTFECGLYQR	AGAP008752-PA	C5(Carbamidomethyl), C9(Carbamidomethyl),"C5(Carbamidomethyl), C9(Carbamidomethyl), Q13(Deamidated)"	111	4.27E-11	1	1699.735	1.81	Midgut	3R:+:17089426-17089467	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_113088	EFTRPTCPEGYIQR	AGAP008752-PA	C7(Carbamidomethyl)	71	1.19E-06	1	1753.838	3.06	Malpighian tubule	3R:+:17090869-17090910	exon=> In CDS Exon 2 of transcript AGAP008752-PA

JHU_Ag_113504	CLTPGAGDHDCPPQTIIGLVCPPGYER	AGAP008752-PA	C1(Carbamidomethyl), C11(Carbamidomethyl), Q14(Deamidated), C21(Carbamidomethyl),"C 1(Carbamidomethyl), C11(Carbamidomethyl), C21(Carbamidomethyl)"	86	2.93E-08	1	2980.375	0.11	Midgut	3R:+:17090467-17090547	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_114078	GTLNGVCSCEQEQHVASACAAGK	AGAP008752-PA	C7(Carbamidomethyl), C9(Carbamidomethyl), C19(Carbamidomethyl)	59	7.15E-06	1	2434.057	1.11	Salivary gland	3R:+:17089156-17089224	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_114642	LTGTGLTCEK	AGAP008752-PA	C8(Carbamidomethyl)	79	1.83E-07	1	1079.540	-0.02	Midgut	3R:+:17090722-17090751	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_114945	IEEPAPCPEGTYR	AGAP008752-PA	C7(Carbamidomethyl)	38	0.001841 54	1	1518.690	0.16	Ovary	3R:+:17090983-17091021	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_115003	QEMCTAER	AGAP008752-PA	C4(Carbamidomethyl),"M 3(Oxidation), C4(Carbamidomethyl)"	52	2.40E-05	2	1024.419	0.53	Midgut	3R:+:17091229-17091252	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_115291	SYSCPPGYVQR	AGAP008752-PA	C4(Carbamidomethyl)	65	2.68E-06	1	1313.593	-0.68	Midgut	3R:+:17088709-17088741	exon=> In CDS Exon 1 of transcript AGAP008752-PA
JHU_Ag_115485	KGYEHGEQCVHGELACPTGGYELQGE VCTLR	AGAP008752-PA	C9(Carbamidomethyl), C16(Carbamidomethyl), C28(Carbamidomethyl)	57	1.45E-05	1	3534.582	-0.45	Midgut	3R:+:17089810-17089902	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_115810	DGYCVTVDATRPR	AGAP008752-PA	C4(Carbamidomethyl)	72	9.94E-07	1	1509.707	-3.26	Midgut	3R:+:17091283-17091321	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_116204	TIGAVLIDGMCVR	AGAP008752-PA	M10(Oxidation), C11(Carbamidomethyl)	56	4.76E-05	2	1420.730	1.06	Salivary gland	3R:+:17090944-17090982	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_116707	EEVVATICPSGYSTQWGR	AGAP008752-PA	C8(Carbamidomethyl)	100	1.43E-09	1	2039.949	-0.08	Midgut	3R:+:17088910-17088963	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_116833	ECPEGFLAGADACVR	AGAP008752-PA	C2(Carbamidomethyl), C13(Carbamidomethyl)	85	2.34E-08	1	1651.721	0.43	Malpighian tubule	3R:+:17089963-17090007	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_117121	CPAGDYTLCNGFCIVPYVHECK	AGAP008752-PA	C1(Carbamidomethyl), C9(Carbamidomethyl), N10(Deamidated), C13(Carbamidomethyl), C21(Carbamidomethyl),"C 1(Carbamidomethyl), C9(Carbamidomethyl), C13(Carbamidomethyl), C21(Carbamidomethyl)"	139	6.48E-14	1	2660.140	0.13	Midgut	3R:+:17091322-17091387	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_117400	GFTLDEHGLCR	AGAP008752-PA	C10(Carbamidomethyl)	51	0.000102 515	2	1304.607	1.04	Malpighian tubule	3R:+:17089390-17089422	exon=> In CDS Exon 2 of transcript AGAP008752-PA
JHU_Ag_693	AYTVLGQYLILK	AGAP008753-PA	-	75	7.28E-08	2	1381.811	1.33	Midgut	3R:+:17093189-17093224	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_24430	AYTVLGQYLILK	AGAP008753-PA	-	96	5.28E-10	2	1381.815	4.16	Visceras	3R:+:17093189-17093224	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_24735	NFVAEPMGEKPVTDLAGVGDVLGK	AGAP008753-PA	M7(Oxidation)	47	0.000218 728	1	2459.268	7.85	Visceras	3R:+:17093090-17093161	exon=> In CDS Exon 1 of transcript AGAP008753-PA

JHU_Ag_30788	NFVAEPMGEKPVTDLAGVGDVLGK	AGAP008753-PA	M7(Oxidation)	118	1.88E-11	1	2459.256	2.86	Malpighian tubule	3R:+:17093090-17093161	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_37571	AYTVLGQYLILK	AGAP008753-PA	-	82	1.46E-08	2	1381.810	0.36	Head	3R:+:17093189-17093224	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_51171	LEAAGFDR	AGAP008753-PA	-	39	0.002558112	1	878.439	2.06	Ovary	3R:+:17093165-17093188	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_54660	NFVAEPMGEKPVTDLAGVGDVLGK	AGAP008753-PA	M7(Oxidation)	36	0.002866623	2	2459.255	2.39	Midgut	3R:+:17093090-17093161	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_57945	DAELFK	AGAP008753-PA	-	38	0.001516852	2	722.372	0.03	Ovary	3R:+:17093228-17093245	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_71210	RLEAAGFDR	AGAP008753-PA	-	59	1.77E-05	1	1034.539	0.88	Ovary	3R:+:17093162-17093188	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_92739	AYTVLGQYLILK	AGAP008753-PA	-	98	4.56E-10	1	1381.808	-1.06	Ovary	3R:+:17093189-17093224	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_98644	NFVAEPMGEKPVTDLAGVGDVLGK	AGAP008753-PA	N1(Deamidated), M7(Oxidation),M7(Oxidation)	135	4.16E-13	1	2459.249	0.03	Ovary	3R:+:17093090-17093161	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_116592	KDAELFK	AGAP008753-PA	-	39	0.001497359	2	850.467	-0.33	Ovary	3R:+:17093225-17093245	exon=> In CDS Exon 1 of transcript AGAP008753-PA
JHU_Ag_1246	IPTNSTTFTSETEGVPTSVDFVK	AGAP008755-PA	-	102	9.45E-10	1	2457.207	1.56	Head	3R:+:17121962-17122030	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_3546	IPTNSTTFTSETEGVPTSVDFVK	AGAP008755-PA	-	54	6.11E-05	2	2457.210	2.65	Salivary gland	3R:+:17121962-17122030	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_6623	TCVQEITAHR	AGAP008755-PA	C2(Carbamidomethyl)	42	0.000723485	2	1214.593	-1.43	Head	3R:+:17122373-17122402	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_29151	IAVLVGER	AGAP008755-PA	-	47	0.000104087	1	856.528	3.49	Malpighian tubule	3R:+:17119543-17119566	exon=> In CDS Exon 2 of transcript AGAP008755-PA
JHU_Ag_33851	IPTNSTTFTSETEGVPTSVDFVKDQIDR	AGAP008755-PA	-	113	7.92E-11	1	3084.489	-3.91	Visceras	3R:+:17121962-17122045	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_39785	SLLGLNNNSEQEENVNPNVNGGTESNKR	AGAP008755-PA	-	97	2.78E-09	1	3027.446	3.31	Malpighian tubule	3R:+:17119954-17120037	exon=> In CDS Exon 3 of transcript AGAP008755-PA
JHU_Ag_44712	IPTNSTTFTSETEGVPTSVDFVKDQIDR	AGAP008755-PA	-	186	3.75E-18	1	3084.502	0.25	Head	3R:+:17121962-17122045	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_49307	SASLDVEPLYTFR	AGAP008755-PA	-	61	9.50E-06	1	1497.767	5.48	Visceras	3R:+:17121659-17121697	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_58292	NTLVSCSADGTVK	AGAP008755-PA	C6(Carbamidomethyl)	84	6.99E-08	2	1351.652	-0.54	Head	3R:+:17121902-17121940	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_58433	VISHPTLPVTITAHEDR	AGAP008755-PA	-	116	2.32E-11	1	1886.005	-4.51	Head	3R:+:17122166-17122216	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_66984	IAVLVGER	AGAP008755-PA	-	30	0.006047055	1	856.525	0.16	Head	3R:+:17119543-17119566	exon=> In CDS Exon 2 of transcript AGAP008755-PA
JHU_Ag_69164	ALAFHPQEPVLITASEDHTLKLWNLQK	AGAP008755-PA	-	80	3.81E-08	1	3099.679	5.28	Malpighian tubule	3R:+:17121560-17121640	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_91042	SASLDVEPLYTFR	AGAP008755-PA	-	51	0.000102158	2	1497.766	5.15	Malpighian tubule	3R:+:17121659-17121697	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_95971	SASLDVEPLYTFR	AGAP008755-PA	-	73	6.88E-07	1	1497.765	4.26	Head	3R:+:17121659-17121697	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_99208	TCVQEITAHR	AGAP008755-PA	C2(Carbamidomethyl)	40	0.00110768	1	1214.594	-0.32	Salivary gland	3R:+:17122373-17122402	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_101209	ALAFHPQEPVLITASEDHTLK	AGAP008755-PA	-	119	1.12E-11	1	2317.224	2.11	Head	3R:+:17121560-17121622	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_104577	IPTNSTTFTSETEGVPTSVDFVKDQIDR	AGAP008755-PA	-	74	5.82E-07	1	3084.498	-0.94	Ovary	3R:+:17121962-17122045	exon=> In CDS Exon 6 of transcript AGAP008755-PA
JHU_Ag_116450	SLLGLNNNSEQEENVNPNVNGGTESNKR	AGAP008755-PA	-	73	5.78E-07	1	3027.427	-3.1	Head	3R:+:17119954-17120037	exon=> In CDS Exon 3 of transcript AGAP008755-PA

JHU_Ag_93625	GDLNSLNQQIAR	AGAP008756-PA	-	55	4.11E-05	2	1328.692	0.14	Salivary gland	3R:-:17130479-17130444	exon=> In CDS Exon 2 of transcript AGAP008756-PA
JHU_Ag_24068	LVPLVVLLLVATSYR	AGAP008757-PA	-	77	3.24E-09	2	1656.047	0.39	Midgut	3R:+:17132626-17132670	exon=> In CDS Exon 3 of transcript AGAP008757-PA
JHU_Ag_9380	EEELLLQDFSR	AGAP008761-PA	-	56	4.49E-05	2	1378.687	1.79	Salivary gland	3R:+:17142887-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_10940	DLGFTKEEELLLQDFSR	AGAP008761-PA	-	75	4.04E-07	1	2040.037	3.96	Head	3R:+:17142869-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_11204	DLGFTKEEELLLQDFSR	AGAP008761-PA	-	146	3.42E-14	1	2040.033	2.2	Salivary gland	3R:+:17142869-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_24808	SFTPTFNYIFSMVGAGGLLALLSTGK	AGAP008761-PA	M12(Oxidation)	70	9.53E-07	1	2708.412	4.11	Ovary	3R:+:17143411-17143488	exon=> In CDS Exon 2 of transcript AGAP008761-PA
JHU_Ag_26892	DLGFTKEEELLLQDFSR	AGAP008761-PA	-	127	2.90E-12	1	2040.039	5.32	Malpighian tubule	3R:+:17142869-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_27615	EEELLLQDFSR	AGAP008761-PA	-	74	6.72E-07	2	1378.694	6.22	Malpighian tubule	3R:+:17142887-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_39478	EEELLLQDFSR	AGAP008761-PA	-	37	0.003552624	2	1378.691	4.72	Larva	3R:+:17142887-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_45379	EEELLLQDFSR	AGAP008761-PA	-	73	8.76E-07	1	1378.687	1.71	Ovary	3R:+:17142887-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_73327	EEELLLQDFSR	AGAP008761-PA	-	63	8.63E-06	2	1378.686	0.91	Head	3R:+:17142887-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_83919	EMTAQLADDKK	AGAP008761-PA	M2(Oxidation)	85	6.03E-08	1	1249.611	0.94	Malpighian tubule	3R:+:17143237-17143269	exon=> In CDS Exon 2 of transcript AGAP008761-PA
JHU_Ag_84836	EMTAQLADDKK	AGAP008761-PA	M2(Oxidation)	47	0.000331012	2	1265.605	0.89	Head	3R:+:17143237-17143269	exon=> In CDS Exon 2 of transcript AGAP008761-PA
JHU_Ag_87163	DLGFTKEEELLLQDFSR	AGAP008761-PA	-	146	3.32E-14	1	2040.025	-1.81	Midgut	3R:+:17142869-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_92099	EEELLLQDFSR	AGAP008761-PA	-	86	4.26E-08	2	1378.685	0.11	Midgut	3R:+:17142887-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_92559	DLGFTKEEELLLQDFSR	AGAP008761-PA	-	147	2.46E-14	1	2040.041	6.09	Larva	3R:+:17142869-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_95105	DLGFTKEEELLLQDFSR	AGAP008761-PA	-	119	1.77E-11	1	2040.039	5.02	Ovary	3R:+:17142869-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_102996	EMTAQLADDKK	AGAP008761-PA	M2(Oxidation)	42	0.001061313	2	1265.605	0.89	Salivary gland	3R:+:17143237-17143269	exon=> In CDS Exon 2 of transcript AGAP008761-PA
JHU_Ag_114414	DLGFTKEEELLLQDFSR	AGAP008761-PA	-	38	0.002540106	2	2040.024	-2.22	Pupa	3R:+:17142869-17142919	exon=> In CDS Exon 1 of transcript AGAP008761-PA
JHU_Ag_8055	SLAFTQSQAHQHAQQQLR	AGAP008763-PA	-	63	6.12E-06	1	2079.049	0.45	Head	3R:-:17167276-17167223	exon=> In CDS Exon 2 of transcript AGAP008763-PA
JHU_Ag_14474	VDWNTYLAGTK	AGAP008764-PA	-	54	5.98E-05	1	1267.638	4.61	Head	3R:-:17187614-17187582	exon=> In CDS Exon 12 of transcript AGAP008764-PA
JHU_Ag_44510	YPKPGTSNPTVTLNVADLTDPK	AGAP008764-PA	-	85	3.10E-08	1	2328.218	4.05	Head	3R:-:17195915-17195850	exon=> In CDS Exon 7 of transcript AGAP008764-PA
JHU_Ag_60433	LQDIIDGEYAPK	AGAP008764-PA	-	60	1.43E-05	2	1361.696	0.96	Head	3R:-:17209216-17209181	exon=> In CDS Exon 2 of transcript AGAP008764-PA
JHU_Ag_115616	HLVHVHIGK	AGAP008764-PA	-	38	0.00057982	2	1039.618	2.02	Head	3R:-:17188586-17188560	exon=> In CDS Exon 10 of transcript AGAP008764-PA
JHU_Ag_72774	LNPAILDLIDR	AGAP008765-PA	-	42	0.00023521	2	1252.726	0.27	Male reproductive organs	3R:+:17215661-17215693	exon=> In CDS Exon 1 of transcript AGAP008765-PA
JHU_Ag_51059	LSPTDLHSTNYHIVGVDLR	AGAP008768-PA	-	40	0.001334042	1	2137.104	0.09	Ovary	3R:+:17364576-17364632	exon=> In CDS Exon 3 of transcript AGAP008768-PA
JHU_Ag_75137	IHVEDGEVR	AGAP008768-PA	-	48	0.000238748	1	1053.529	-3.25	Head	3R:+:17364476-17364488,17364562-17364575	exon=> In CDS Exon 2 and 3 of transcript AGAP008768-PA

JHU_Ag_113918	LSPTDLHSTNYHIVGVDLR	AGAP008768-PA	-	90	1.28E-08	1	2137.113	4.39	Head	3R:+:17364576-17364632	exon=> In CDS Exon 3 of transcript AGAP008768-PA
JHU_Ag_1607	NPTANLGLIFK	AGAP008769-PA	-	51	7.70E-05	2	1187.680	1.07	Malpighian tubule	3R:-:17367038-17367006	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_3108	DKVTAFIVER	AGAP008769-PA	-	65	2.57E-06	1	1177.661	2.93	Malpighian tubule	3R:-:17367686-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_3814	GQVQPAQVFPYPEALDAEQK	AGAP008769-PA	-	102	9.92E-10	1	2215.100	-1.21	Head	3R:-:17379416-17379357	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_9124	DKVTAFIVER	AGAP008769-PA	-	40	0.000774 13	2	1177.657	-0.39	Visceras	3R:-:17367686-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_12273	VAMNILNNGR	AGAP008769-PA	M3(Oxidation)	71	1.27E-06	2	1101.580	-3.2	Head	3R:-:17367521-17367492	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_21223	GIVDQQFLLIR	AGAP008769-PA	-	35	0.000811 583	2	1301.765	5.5	Ovary	3R:-:17366849-17366817	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_22186	SIGYGGTDLSTFVVDPLKESAALCADSI DR	AGAP008769-PA	C24(Carbamidomethyl)	100	1.22E-09	1	3157.544	2.41	Visceras	3R:-:17366981-17366892	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_22578	DKVTAFIVER	AGAP008769-PA	-	40	0.000843 082	1	1177.661	2.62	Head	3R:-:17367686-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_23962	RPNMSFLTNIFR	AGAP008769-PA	-	60	1.07E-05	1	1495.789	3.73	Visceras	3R:-:17379452-17379417	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_24244	IFEGANDILR	AGAP008769-PA	-	77	3.12E-07	2	1147.611	0.62	Midgut	3R:-:17367137-17367108	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_26050	EYIASFVDPVTK	AGAP008769-PA	-	62	6.81E-06	2	1368.706	1.27	Midgut	3R:-:17379356-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_26571	RPNMSFLTNIFR	AGAP008769-PA	M4(Oxidation)	75	3.99E-07	1	1511.778	-0.57	Head	3R:-:17379452-17379417	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_26800	EYIASFVDPVTK	AGAP008769-PA	-	89	1.56E-08	1	1368.709	2.87	Visceras	3R:-:17379356-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_26846	VTAFIVER	AGAP008769-PA	-	44	0.000293 417	2	934.535	-1.11	Male reproductive organs	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_28593	IPAENVLGGEGNGFK	AGAP008769-PA	-	62	9.65E-06	1	1501.763	-1.25	Head	3R:-:17367566-17367522	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_34311	GIVDQQFLLIR	AGAP008769-PA	-	79	5.12E-08	1	1301.761	2.59	Malpighian tubule	3R:-:17366849-17366817	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_37245	VTAFIVER	AGAP008769-PA	-	54	3.22E-05	1	934.535	-0.65	Salivary gland	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_37870	VTAFIVER	AGAP008769-PA	-	54	3.15E-05	1	934.537	0.98	Malpighian tubule	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_39533	GIVDQQFLLIR	AGAP008769-PA	-	48	6.31E-05	2	1301.758	-0.03	Salivary gland	3R:-:17366849-17366817	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_41524	IPAENVLGGEGNGFK	AGAP008769-PA	N12(Deamidated)	107	3.77E-10	1	1502.742	-4.18	Midgut	3R:-:17367566-17367522	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_41970	IENFGNVQEK	AGAP008769-PA	-	58	3.14E-05	2	1177.584	-0.99	Pupa	3R:-:17367398-17367369	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_45313	EYIASFVDPVTK	AGAP008769-PA	-	65	3.51E-06	2	1368.708	2.61	Pupa	3R:-:17379356-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_50983	VAMNILNNGR	AGAP008769-PA	M3(Oxidation)	57	2.54E-05	2	1101.583	-0.65	Ovary	3R:-:17367521-17367492	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_51831	SADGSHYVLNGSK	AGAP008769-PA	N10(Deamidated)	67	2.45E-06	1	1335.621	2.21	Pupa	3R:-:17367812-17367774	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_52850	QAEAQQATPSEAEK	AGAP008769-PA	-	84	4.85E-08	2	1487.700	1.64	Malpighian tubule	3R:-:17379494-17379453	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_53757	GQVQPAQVFPYPEALDAEQK	AGAP008769-PA	-	79	2.14E-07	1	2215.107	1.88	Visceras	3R:-:17379416-17379357	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_54242	VTAFIVER	AGAP008769-PA	-	54	2.68E-05	2	934.536	0.65	Pupa	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA

JHU_Ag_54590	VAMNILNNGR	AGAP008769-PA	M3(Oxidation),"M3(Oxidation), N8(Deamidated)",N8(Deamidated)	77	3.54E-07	2	1117.581	2.38	Malpighian tubule	3R:-:17367521-17367492	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_56337	RPNMSFLTNIFR	AGAP008769-PA	M4(Oxidation)	60	1.01E-05	1	1495.788	2.62	Malpighian tubule	3R:-:17379452-17379417	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_59130	DKVTAFIVER	AGAP008769-PA	-	53	4.56E-05	1	1177.657	-0.18	Male reproductive organs	3R:-:17367686-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_59475	RPNMSFLTNIFR	AGAP008769-PA	M4(Oxidation)	61	9.80E-06	1	1511.784	3.31	Salivary gland	3R:-:17379452-17379417	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_61624	VAMNILNNGR	AGAP008769-PA	M3(Oxidation)	67	3.29E-06	2	1117.579	0.31	Visceras	3R:-:17367521-17367492	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_62016	IPAENVLGGEGNGFK	AGAP008769-PA	N12(Deamidated)	119	2.26E-11	1	1502.752	1.91	Pupa	3R:-:17367566-17367522	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_63201	SIGYGGTDLSTFVVDPLK	AGAP008769-PA	-	71	8.51E-07	1	1868.979	7.93	Visceras	3R:-:17366981-17366928	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_64352	VTAFIVER	AGAP008769-PA	-	52	4.45E-05	2	934.538	2.61	Head	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_66545	VTAFIVER	AGAP008769-PA	-	55	2.52E-05	2	934.535	-0.26	Midgut	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_71106	RPNMSFLTNIFR	AGAP008769-PA	-	46	0.000296021	3	1495.782	-0.99	Midgut	3R:-:17379452-17379417	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_71571	GQVQPAQVFPYPEALDAEQKEYIASFVDPVTK	AGAP008769-PA	-	41	0.000606957	1	3564.806	4.64	Head	3R:-:17379416-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_71699	VTAFIVER	AGAP008769-PA	-	51	5.59E-05	2	934.536	0.07	Ovary	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_72909	VAMNILNNGR	AGAP008769-PA	M3(Oxidation)	59	2.35E-05	2	1117.580	1.62	Salivary gland	3R:-:17367521-17367492	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_73303	IPAENVLGGEGNGFK	AGAP008769-PA	-	85	4.97E-08	1	1501.766	0.94	Visceras	3R:-:17367566-17367522	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_73559	VAMNILNNGR	AGAP008769-PA	N8(Deamidated)	77	3.26E-07	2	1102.564	-3.53	Midgut	3R:-:17367521-17367492	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_75448	IFEGANDILR	AGAP008769-PA	-	63	9.11E-06	2	1147.612	0.94	Pupa	3R:-:17367137-17367108	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_76611	QAEAQQATPSEAEK	AGAP008769-PA	-	52	7.01E-05	1	1487.696	-0.74	Head	3R:-:17379494-17379453	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_76946	EYIASFVDPVTK	AGAP008769-PA	-	72	7.94E-07	2	1368.710	3.76	Malpighian tubule	3R:-:17379356-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_77387	IPAENVLGGEGNGFK	AGAP008769-PA	-	84	7.04E-08	1	1501.765	0.21	Ovary	3R:-:17367566-17367522	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_77549	EYIASFVDPVTK	AGAP008769-PA	-	61	8.70E-06	2	1368.708	2.25	Ovary	3R:-:17379356-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_77961	GQVQPAQVFPYPEALDAEQKEYIASFVDPVTK	AGAP008769-PA	-	82	5.67E-08	1	3564.798	2.27	Visceras	3R:-:17379416-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_80771	GIVDQQFLLIR	AGAP008769-PA	-	75	1.27E-07	2	1301.760	2.12	Visceras	3R:-:17366849-17366817	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_83746	DKVTAFIVER	AGAP008769-PA	-	52	5.10E-05	1	1177.657	-0.49	Pupa	3R:-:17367686-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_84820	DKVTAFIVER	AGAP008769-PA	-	49	0.000100188	2	1177.657	-0.39	Salivary gland	3R:-:17367686-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_84841	GVLLYGTEEQK	AGAP008769-PA	-	58	2.03E-05	2	1236.646	-1.04	Pupa	3R:-:17367953-17367921	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_86189	EYIASFVDPVTK	AGAP008769-PA	-	74	4.83E-07	1	1368.708	2.52	Head	3R:-:17379356-17379321	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_86320	DKVTAFIVER	AGAP008769-PA	-	34	0.003010658	2	1177.658	0.13	Ovary	3R:-:17367686-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA

JHU_Ag_90380	GQVQPAQVFPYPEALDAEQK	AGAP008769-PA	-	121	1.37E-11	1	2215.105	0.99	Malpighian tubule	3R:-:17379416-17379357	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_93076	QAEAQQATPSEAEKRPNMSFLTNIFR	AGAP008769-PA	M18(Oxidation)	129	1.41E-12	1	2964.476	4.25	Malpighian tubule	3R:-:17379494-17379417	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_102748	GFGGVTSGPPEDK	AGAP008769-PA	-	60	1.30E-05	2	1247.590	-0.65	Pupa	3R:-:17367656-17367618	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_104052	IPAENVLGGEGNGFK	AGAP008769-PA	-	100	1.91E-09	1	1501.765	0.37	Salivary gland	3R:-:17367566-17367522	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_106458	GQVQPAQVFPYPEALDAEQK	AGAP008769-PA	-	60	1.58E-05	1	2215.101	-0.77	Midgut	3R:-:17379416-17379357	exon=> In CDS Exon 1 of transcript AGAP008769-PA
JHU_Ag_107544	GIVDQQFLLIR	AGAP008769-PA	-	72	2.37E-07	2	1301.757	-0.22	Midgut	3R:-:17366849-17366817	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_108986	LFVTLTGIQYAGSHLK	AGAP008769-PA	-	48	8.63E-05	1	1747.973	-0.72	Malpighian tubule	3R:-:17367107-17367060	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_109287	IPAENVLGGEGNGFK	AGAP008769-PA	N12(Deamidated)	93	8.64E-09	1	1501.770	3.63	Malpighian tubule	3R:-:17367566-17367522	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_113876	VAMNILNNGR	AGAP008769-PA	M3(Oxidation)	56	4.16E-05	2	1117.581	2.27	Male reproductive organs	3R:-:17367521-17367492	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_113898	VTAFIVER	AGAP008769-PA	-	41	0.000570566	2	934.536	0.26	Visceras	3R:-:17367680-17367657	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_116821	LFVTLTGIQYAGSHLK	AGAP008769-PA	-	50	5.23E-05	1	1747.977	1.48	Pupa	3R:-:17367107-17367060	exon=> In CDS Exon 2 of transcript AGAP008769-PA
JHU_Ag_8901	LIQAEDATNLQR	AGAP008770-PA	-	81	1.15E-07	1	1371.724	0.87	Salivary gland	3R:-:17383967-17383932	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_9057	LIQAEDATNLQR	AGAP008770-PA	-	79	1.77E-07	2	1371.722	-0.73	Ovary	3R:-:17383967-17383932	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_11968	DLEEVLEEIR	AGAP008770-PA	-	69	1.72E-06	2	1244.638	0.55	Salivary gland	3R:-:17386576-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_12876	YCQQGDIEGATR	AGAP008770-PA	C2(Carbamidomethyl)	61	6.33E-06	2	1397.611	-0.23	Ovary	3R:-:17386177-17386142	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_13460	KPLAQALLQSR	AGAP008770-PA	-	33	0.000880549	3	1224.742	0.1	Ovary	3R:-:17385071-17385039	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_13750	RDLEEVLEEIR	AGAP008770-PA	-	48	0.000186125	2	1400.739	0.71	Head	3R:-:17386579-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_13860	LAAGDLEPIELER	AGAP008770-PA	-	67	2.07E-06	1	1425.760	1.37	Pupa	3R:-:17384720-17384682	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_14752	VYLDNEHPFSPTEFLADLQSK	AGAP008770-PA	-	116	3.64E-11	1	2450.197	3.67	Visceras	3R:-:17386285-17386223	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_15431	GYITPQNIFLGSLIK	AGAP008770-PA	-	91	2.36E-09	1	1663.947	3.29	Ovary	3R:-:17384114-17384070	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_18482	LVLDLLEQK	AGAP008770-PA	-	48	0.000127742	2	1070.648	1.74	Salivary gland	3R:-:17383226-17383200	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_21091	LAAGDLEPIELER	AGAP008770-PA	-	67	1.69E-06	2	1425.759	0.17	Visceras	3R:-:17384720-17384682	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_21172	LAISGDVATFDR	AGAP008770-PA	-	77	2.97E-07	1	1264.653	-0.49	Midgut	3R:-:17383157-17383122	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_22187	LAAGDLEPIELER	AGAP008770-PA	-	59	1.09E-05	2	1425.763	3	Larva	3R:-:17384720-17384682	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_23704	ILTGFVNQGLSISNGLAEKIQER	AGAP008770-PA	-	101	1.99E-10	1	2487.377	8.02	Malpighian tubule	3R:-:17384834-17384766	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_26595	TALVQEIWK	AGAP008770-PA	-	39	0.001407319	2	1087.616	1.23	Ovary	3R:-:17386369-17386343	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_29591	DLEEVLEEIR	AGAP008770-PA	-	58	2.26E-05	2	1244.636	-0.53	Visceras	3R:-:17386576-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_29667	GYITPQNIFLGSLIK	AGAP008770-PA	-	45	0.000111253	2	1663.952	5.94	Larva	3R:-:17384114-17384070	exon=> In CDS Exon 4 of transcript AGAP008770-PA

JHU_Ag_30653	DLEEVLEEIR	AGAP008770-PA	-	69	1.84E-06	2	1244.638	0.45	Ovary	3R:-:17386576-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_31608	LAAGDLEPIELER	AGAP008770-PA	-	73	4.97E-07	2	1425.760	1.28	Salivary gland	3R:-:17384720-17384682	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_32895	LAAGDLEPIELER	AGAP008770-PA	-	70	9.77E-07	1	1425.759	0.43	Ovary	3R:-:17384720-17384682	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_33327	ILAAYEALGETSAQKPNLTEQSAVIEALVNRDR	AGAP008770-PA	-	56	1.25E-05	1	3570.891	3.96	Head	3R:-:17383343-17383245	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_38901	VYLDNEHPFSPTEFLADLQSK	AGAP008770-PA	-	146	4.26E-14	1	2450.193	2.17	Pupa	3R:-:17386285-17386223	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_41602	YCQQGDIEGATR	AGAP008770-PA	C2(Carbamidomethyl)	88	1.39E-08	2	1397.616	3	Malpighian tubule	3R:-:17386177-17386142	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_41621	NDGELANTGSFLVR	AGAP008770-PA	-	73	8.02E-07	2	1492.739	0.04	Malpighian tubule	3R:-:17385617-17385576	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_41758	VYLDNEHPFSPTEFLADLQSK	AGAP008770-PA	-	106	3.88E-10	1	2450.192	1.65	Malpighian tubule	3R:-:17386285-17386223	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_42012	AYLIALEAALK	AGAP008770-PA	-	37	0.000468191	2	1175.709	4.82	Ovary	3R:-:17385494-17385462	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_43351	LIQAEDATNLQR	AGAP008770-PA	-	72	7.97E-07	2	1371.724	1.05	Head	3R:-:17383967-17383932	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_43363	TALVQEIWK	AGAP008770-PA	-	41	0.000879966	1	1087.618	3.14	Salivary gland	3R:-:17386369-17386343	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_45932	LAHSLLEAERFDEALAFLQTNAPTAATAVEAGK	AGAP008770-PA	-	33	0.003593848	1	3455.790	2.67	Malpighian tubule	3R:-:17384342-17384244	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_46500	KPLAQALLQSR	AGAP008770-PA	-	51	1.40E-05	2	1224.742	0.01	Pupa	3R:-:17385071-17385039	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_50672	GYITPQNIFLGSLIK	AGAP008770-PA	-	41	0.000241074	2	1663.950	4.69	Head	3R:-:17384114-17384070	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_52078	KPLAQALLQSR	AGAP008770-PA	-	37	0.000335948	3	1224.744	1.6	Malpighian tubule	3R:-:17385071-17385039	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_53071	KGDIDYICK	AGAP008770-PA	C8(Carbamidomethyl)	63	6.45E-06	2	1111.549	3.25	Malpighian tubule	3R:-:17385878-17385852	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_55934	DLEEVLEEIR	AGAP008770-PA	-	78	2.37E-07	1	1244.639	1.53	Malpighian tubule	3R:-:17386576-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_56036	AFYSPGIYRKPLAQALLQSR	AGAP008770-PA	-	35	0.001002651	1	2279.276	4.54	Malpighian tubule	3R:-:17385098-17385039	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_57824	LLQSYIAEKDAEK	AGAP008770-PA	-	61	9.37E-06	1	1507.799	-1.03	Ovary	3R:-:17383679-17383641	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_59021	ILTGFVNQGLSISNGLAEK	AGAP008770-PA	-	83	3.19E-08	2	1961.074	1.64	Visceras	3R:-:17384834-17384778	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_60714	ERPEEALATLDEGLK	AGAP008770-PA	-	41	0.00121343	2	1670.866	3.59	Midgut	3R:-:17382611-17382567	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_62778	AYLIALEAALK	AGAP008770-PA	-	35	0.000887836	2	1175.703	-0.27	Midgut	3R:-:17385494-17385462	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_65060	SATSAQSLLVIR	AGAP008770-PA	-	65	1.51E-06	2	1245.718	1.32	Salivary gland	3R:-:17386537-17386502	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_66416	QAGYNQDAVNVILR	AGAP008770-PA	-	113	6.85E-11	1	1560.815	1	Visceras	3R:-:17385725-17385684	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_67787	SATSAQSLLVIR	AGAP008770-PA	-	55	1.48E-05	1	1245.718	1.41	Malpighian tubule	3R:-:17386537-17386502	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_71579	LVLDLLEQK	AGAP008770-PA	-	71	4.00E-07	1	1070.648	2.54	Malpighian tubule	3R:-:17383226-17383200	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_72170	IGALISDDLKR	AGAP008770-PA	-	40	0.000603634	1	1200.696	1.44	Ovary	3R:-:17383121-17383089	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_72336	SATSAQSLLVIR	AGAP008770-PA	-	72	3.47E-07	2	1245.717	1.02	Pupa	3R:-:17386537-17386502	exon=> In CDS Exon 2 of transcript AGAP008770-PA

JHU_Ag_73169	LAAGDLEPIELER	AGAP008770-PA	-	67	1.82E-06	2	1425.768	6.68	Malpighian tubule	3R:-:17384720-17384682	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_73703	DLEEVLEEIR	AGAP008770-PA	-	84	7.00E-08	2	1244.642	3.68	Midgut	3R:-:17386576-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_78502	NDGELANTGSFLVR	AGAP008770-PA	-	67	3.69E-06	2	1492.739	-0.37	Ovary	3R:-:17385617-17385576	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_80822	LAISGDVATFDR	AGAP008770-PA	-	62	9.22E-06	1	1264.655	1.05	Malpighian tubule	3R:-:17383157-17383122	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_81675	TASLEGLMEATK	AGAP008770-PA	M8(Oxidation)	43	0.000711642	2	1266.629	3.77	Malpighian tubule	3R:-:17383754-17383719	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_82834	LIQAEDATNLQR	AGAP008770-PA	-	74	4.57E-07	2	1371.727	3.09	Malpighian tubule	3R:-:17383967-17383932	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_91453	ASKNDGELANTGSFLVR	AGAP008770-PA	-	39	0.001555626	1	1778.920	9.2	Malpighian tubule	3R:-:17385626-17385576	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_92628	HFPIGGASGILAK	AGAP008770-PA	-	33	0.002759353	1	1267.716	-0.24	Midgut	3R:-:17382959-17382921	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_93041	VYLDNEHPFSPTEFLADLQSK	AGAP008770-PA	-	124	5.62E-12	1	2450.190	1.05	Head	3R:-:17386285-17386223	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_94087	LIQAEDATNLQR	AGAP008770-PA	-	99	1.65E-09	1	1371.723	0.07	Pupa	3R:-:17383967-17383932	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_96319	TPIASLSVPQLER	AGAP008770-PA	-	56	1.13E-05	1	1410.798	1.76	Ovary	3R:-:17384651-17384613	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_97685	SATSAQSLLVIR	AGAP008770-PA	-	39	0.000644527	2	1245.718	1.22	Head	3R:-:17386537-17386502	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_99145	LAAGDLEPIELER	AGAP008770-PA	-	60	1.06E-05	2	1425.765	4.79	Head	3R:-:17384720-17384682	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_101482	TPIASLSVPQLER	AGAP008770-PA	-	50	5.23E-05	2	1410.797	1.41	Pupa	3R:-:17384651-17384613	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_101824	ILAAYEALGETSAQKPNLTEQSAVIEALVNR	AGAP008770-PA	-	214	1.84E-21	1	3299.757	2.58	Visceras	3R:-:17383343-17383251	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_102289	LIQAEDATNLQR	AGAP008770-PA	-	63	6.45E-06	2	1371.723	0.51	Visceras	3R:-:17383967-17383932	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_103649	VYLDNEHPFSPTEFLADLQSK	AGAP008770-PA	-	127	3.09E-12	1	2450.187	-0.14	Ovary	3R:-:17386285-17386223	exon=> In CDS Exon 3 of transcript AGAP008770-PA
JHU_Ag_103688	DLEEVLEEIR	AGAP008770-PA	-	74	5.50E-07	2	1244.638	1.13	Head	3R:-:17386576-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_108576	KPLAQALLQSR	AGAP008770-PA	-	34	0.000794827	1	1224.743	0.51	Salivary gland	3R:-:17385071-17385039	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_108582	AYLIALEAALK	AGAP008770-PA	-	79	3.59E-08	2	1175.703	-0.48	Pupa	3R:-:17385494-17385462	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_109660	SATSAQSLLVIR	AGAP008770-PA	-	46	0.000114314	2	1245.719	1.9	Ovary	3R:-:17386537-17386502	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_110138	LAHSLLEAERFDEALAFLQTNAPTAATAVEAGK	AGAP008770-PA	-	32	0.003844608	1	3455.799	5.43	Ovary	3R:-:17384342-17384244	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_111526	KPLAQALLQSR	AGAP008770-PA	-	52	1.32E-05	2	1224.742	-0.68	Visceras	3R:-:17385071-17385039	exon=> In CDS Exon 4 of transcript AGAP008770-PA
JHU_Ag_115332	DLEEVLEEIR	AGAP008770-PA	-	79	1.93E-07	2	1244.638	0.64	Pupa	3R:-:17386576-17386547	exon=> In CDS Exon 2 of transcript AGAP008770-PA
JHU_Ag_24739	VLNVLR	AGAP008770-PA,AGAP001238-PB,AGAP001238-PA,AGAP000529-PA,AGAP009180-PA	-	42	0.000185081	2	713.467	-0.38	Visceras	3R:-:17385326-17385309;2R:+:1811224-1811241;2R:+:1811224-1811241;X:-:9486374-9486357;3R:+:28175363-28175380	exon=> In CDS Exon 4 of transcript AGAP008770-PA;exon=> In CDS Exon 15 of transcript AGAP001238-PB;exon=> In CDS Exon 14 of transcript AGAP001238-PA;exon=> In CDS Exon 4 of transcript AGAP000529-PA;exon=> In CDS Exon 9 of transcript AGAP009180-PA

JHU_Ag_25289	YPQLADAVTIAR	AGAP008771-PA	-	76	3.59E-07	1	1317.717	0.5	Ovary	3R:+:17388499-17388534	exon=> In CDS Exon 2 of transcript AGAP008771-PA
JHU_Ag_29425	VHIYNNTSIIQDEVLAHR	AGAP008771-PA	-	91	7.45E-09	1	2122.113	4.26	Ovary	3R:+:17387914-17387967	exon=> In CDS Exon 1 of transcript AGAP008771-PA
JHU_Ag_100460	NHFIFTVESLGALKPEVIFVEAAK	AGAP008771-PA	-	58	3.20E-06	1	2659.466	6.23	Ovary	3R:+:17388541-17388612	exon=> In CDS Exon 2 of transcript AGAP008771-PA
JHU_Ag_116994	VHIYNNTSIIQDEVLAHR	AGAP008771-PA	-	76	2.56E-07	1	2122.106	0.8	Midgut	3R:+:17387914-17387967	exon=> In CDS Exon 1 of transcript AGAP008771-PA
JHU_Ag_9968	LCLQQIYESFVALAGR	AGAP008772-PA	C2(Carbamidomethyl)	100	1.21E-09	1	1867.977	1.64	Ovary	3R:-:17389422-17389375	exon=> In CDS Exon 2 of transcript AGAP008772-PA
JHU_Ag_20435	LGFGFGSTATTGADAFNLQKPPIGSK	AGAP008772-PA	-	120	1.13E-11	1	2582.336	4.18	Head	3R:-:17389002-17388925	exon=> In CDS Exon 2 of transcript AGAP008772-PA
JHU_Ag_32906	SLNSTLAELSNSVSNNQNAIK	AGAP008772-PA	-	87	2.61E-08	2	2204.127	5.15	Ovary	3R:-:17389716-17389654	exon=> In CDS Exon 2 of transcript AGAP008772-PA
JHU_Ag_44213	QTGAGTSLWSGAGTGLAGADQGK	AGAP008772-PA	-	93	6.60E-09	2	2091.018	3.76	Ovary	3R:-:17389158-17389090	exon=> In CDS Exon 2 of transcript AGAP008772-PA
JHU_Ag_49601	SLNSTLAELSNSVSNNQNAIK	AGAP008772-PA	-	62	7.90E-06	2	2204.129	6.25	Malpighian tubule	3R:-:17389716-17389654	exon=> In CDS Exon 2 of transcript AGAP008772-PA
JHU_Ag_64408	DNTDVFEGGEGAK	AGAP008772-PA	-	54	2.41E-05	2	1338.582	0.7	Ovary	3R:-:17389302-17389264	exon=> In CDS Exon 2 of transcript AGAP008772-PA
JHU_Ag_95587	DNTDVFEGGEGAK	AGAP008772-PA	-	99	8.36E-10	2	1338.583	1.71	Head	3R:-:17389302-17389264	exon=> In CDS Exon 2 of transcript AGAP008772-PA
JHU_Ag_27974	AVEFLNDPK	AGAP008773-PA	-	45	0.000661851	2	1032.535	-0.74	Ovary	3R:-:17391057-17391031	exon=> In CDS Exon 2 of transcript AGAP008773-PA
JHU_Ag_6824	DADPVQPIFITVDPQR	AGAP008774-PA	-	99	1.58E-09	1	1810.933	-0.45	Midgut	3R:+:17392579-17392626	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_8315	DADPVQPIFITVDPQR	AGAP008774-PA	Q15(Deamidated)	104	4.51E-10	1	1810.939	2.99	Head	3R:+:17392579-17392626	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_25285	LLGLTGTVEQVAQVCR	AGAP008774-PA	C15(Carbamidomethyl)	52	5.31E-05	2	1743.945	1.56	Visceras	3R:+:17392675-17392722	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_35654	EKDADPVQPIFITVDPQR	AGAP008774-PA	-	68	1.83E-06	1	2068.075	1.79	Midgut	3R:+:17392573-17392626	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_46653	AAIGGKWDLVDSDGNPR	AGAP008774-PA	-	117	3.30E-11	1	1770.885	4.39	Malpighian tubule	3R:+:17392405-17392455	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_51503	LLGLTGTVEQVAQVCR	AGAP008774-PA	C15(Carbamidomethyl)	116	2.22E-11	2	1743.949	3.87	Male reproductive organs	3R:+:17392675-17392722	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_73574	LLGLTGTVEQVAQVCR	AGAP008774-PA	C15(Carbamidomethyl)	96	2.20E-09	2	1743.951	4.99	Malpighian tubule	3R:+:17392675-17392722	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_75795	DADPVQPIFITVDPQR	AGAP008774-PA	-	78	1.83E-07	1	1810.937	1.84	Visceras	3R:+:17392579-17392626	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_85116	LLGLTGTVEQVAQVCR	AGAP008774-PA	C15(Carbamidomethyl)	112	5.53E-11	2	1743.943	0.65	Head	3R:+:17392675-17392722	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_99600	LLGLTGTVEQVAQVCR	AGAP008774-PA	C15(Carbamidomethyl)	139	1.19E-13	2	1743.943	0.23	Midgut	3R:+:17392675-17392722	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_108497	MAAVVDNLEK	AGAP008774-PA	M1(Oxidation)	53	8.99E-05	2	1089.560	-0.99	Midgut	3R:+:17392543-17392572	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_114839	LLGLTGTVEQVAQVCR	AGAP008774-PA	C15(Carbamidomethyl)	82	5.54E-08	2	1743.946	2.4	Salivary gland	3R:+:17392675-17392722	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_115449	WDLVDSDGNPR	AGAP008774-PA	-	54	3.34E-05	2	1273.581	0.32	Visceras	3R:+:17392423-17392455	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_115631	WDLVDSDGNPR	AGAP008774-PA	-	71	6.04E-07	2	1273.580	-0.45	Midgut	3R:+:17392423-17392455	exon=> In CDS Exon 1 of transcript AGAP008774-PA
JHU_Ag_48	TEGCATQYGCVPR	AGAP008782-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	40	0.000591628	2	1498.647	3.76	Malpighian tubule	3R:+:17762404-17762442	exon=> In CDS Exon 1 of transcript AGAP008782-PA
JHU_Ag_529	RGDQR	AGAP008782-PA	Q4(Deamidated)	31	0.007472788	1	632.310	-1.35	Head	3R:+:17762596-17762610	exon=> In CDS Exon 1 of transcript AGAP008782-PA

JHU_Ag_15972	TEGCATQYGCVPR	AGAP008782-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	86	1.41E-08	1	1498.643	0.83	Salivary gland	3R:+:17762404-17762442	exon=> In CDS Exon 1 of transcript AGAP008782-PA
JHU_Ag_42912	SASYAMMTHDLDR	AGAP008782-PA	-	83	4.11E-08	1	1497.649	1.81	Salivary gland	3R:+:17762932-17762970	exon=> In CDS Exon 2 of transcript AGAP008782-PA
JHU_Ag_46472	SVENEPQPR	AGAP008782-PA	-	48	0.000164467	1	1055.511	-0.48	Salivary gland	3R:+:17762503-17762529	exon=> In CDS Exon 1 of transcript AGAP008782-PA
JHU_Ag_65472	GYIFGEQYSGR	AGAP008782-PA	-	47	0.000251501	1	1276.594	-1.4	Head	3R:+:17762899-17762931	exon=> In CDS Exon 2 of transcript AGAP008782-PA
JHU_Ag_87075	GYIFGEQYSGR	AGAP008782-PA	-	63	5.68E-06	2	1276.594	-1.69	Salivary gland	3R:+:17762899-17762931	exon=> In CDS Exon 2 of transcript AGAP008782-PA
JHU_Ag_89376	TALYCPQR	AGAP008782-PA	C5(Carbamidomethyl)	39	0.001911185	1	1008.495	1.87	Salivary gland	3R:+:17762458-17762481	exon=> In CDS Exon 1 of transcript AGAP008782-PA
JHU_Ag_95315	ITSVATGQTLAAMDSYDR	AGAP008782-PA	M13(Oxidation)	130	1.75E-12	1	1899.911	-0.43	Salivary gland	3R:+:17762542-17762595	exon=> In CDS Exon 1 of transcript AGAP008782-PA
JHU_Ag_101930	ITSVATGQTLAAMDSYDR	AGAP008782-PA	M13(Oxidation)	137	3.09E-13	1	1899.911	-0.56	Head	3R:+:17762542-17762595	exon=> In CDS Exon 1 of transcript AGAP008782-PA
JHU_Ag_108173	SASYAMMTHDLDR	AGAP008782-PA	M6(Oxidation), M7(Oxidation)	36	0.000922112	2	1529.638	1.64	Head	3R:+:17762932-17762970	exon=> In CDS Exon 2 of transcript AGAP008782-PA
JHU_Ag_114522	TEGCATQYGCVPR	AGAP008782-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	77	1.09E-07	1	1498.642	0.1	Head	3R:+:17762404-17762442	exon=> In CDS Exon 1 of transcript AGAP008782-PA
JHU_Ag_16308	ALYLGDNEFEYLPKEVK	AGAP008785-PA	-	37	0.002376321	1	2028.047	6.98	Malpighian tubule	3R:-:17862858-17862808	exon=> In CDS Exon 4 of transcript AGAP008785-PA
JHU_Ag_17476	NISTFEELPGLLNMLFVTR	AGAP008785-PA	M14(Oxidation)	101	8.27E-10	1	2210.154	0.44	Ovary	3R:-:17864846-17864918,17864512-17864540	exon=> In CDS Exon 2 and 1 of transcript AGAP008785-PA
JHU_Ag_30028	ILNCSINR	AGAP008785-PA	C4(Carbamidomethyl)	47	0.000389292	2	989.516	-3.59	Head	3R:-:17863085-17863062	exon=> In CDS Exon 3 of transcript AGAP008785-PA
JHU_Ag_32523	ILNCSINR	AGAP008785-PA	C4(Carbamidomethyl)	47	0.000391894	2	989.520	0.29	Male reproductive organs	3R:-:17863085-17863062	exon=> In CDS Exon 3 of transcript AGAP008785-PA
JHU_Ag_61509	LSVLPPEIANLDMPGPK	AGAP008785-PA	M13(Oxidation)	85	2.75E-08	1	1806.967	0.06	Male reproductive organs	3R:-:17862626-17862576	exon=> In CDS Exon 5 of transcript AGAP008785-PA
JHU_Ag_79743	DNDLLELPR	AGAP008785-PA	-	68	1.34E-06	2	1084.564	0.7	Male reproductive organs	3R:-:17862704-17862678	exon=> In CDS Exon 5 of transcript AGAP008785-PA
JHU_Ag_84680	DNDLLELPR	AGAP008785-PA	-	57	1.73E-05	2	1084.564	0.25	Head	3R:-:17862704-17862678	exon=> In CDS Exon 5 of transcript AGAP008785-PA
JHU_Ag_87307	LNTLPR	AGAP008785-PA	-	31	0.003510661	1	713.430	-0.53	Male reproductive organs	3R:-:17863061-17863044	exon=> In CDS Exon 3 of transcript AGAP008785-PA
JHU_Ag_92686	ITLSHNKLK	AGAP008785-PA	-	27	0.004750374	1	1053.642	0.33	Malpighian tubule	3R:-:17864539-17864513	exon=> In CDS Exon 2 of transcript AGAP008785-PA
JHU_Ag_117559	NLQILGLR	AGAP008785-PA	-	35	0.000822932	1	926.578	-0.12	Male reproductive organs	3R:-:17862798-17862869,17862469-17862705	exon=> In CDS Exon 5 and 4 of transcript AGAP008785-PA
JHU_Ag_25145	EFFLSLLK	AGAP008797-PA	-	52	2.22E-05	2	996.578	1.01	Ovary	3R:-:17952814-17952791	exon=> In CDS Exon 3 of transcript AGAP008797-PA
JHU_Ag_34572	RPPVQPLKPIIITR	AGAP008797-PA	-	76	3.70E-09	1	1628.036	-0.49	Ovary	3R:-:17952646-17952605	exon=> In CDS Exon 3 of transcript AGAP008797-PA
JHU_Ag_34945	YFLLPFFLGK	AGAP008797-PA	-	33	0.004764487	2	1244.707	-0.51	Malpighian tubule	3R:-:17953215-17953186	exon=> In CDS Exon 2 of transcript AGAP008797-PA
JHU_Ag_48787	EFFLSLLK	AGAP008797-PA	-	58	6.55E-06	2	996.577	0.4	Male reproductive organs	3R:-:17952814-17952791	exon=> In CDS Exon 3 of transcript AGAP008797-PA
JHU_Ag_56452	QMLQYRAAAK	AGAP008797-PA	M2(Oxidation)	40	0.001515564	2	1195.613	-10.59	Salivary gland	3R:-:17952739-17952710	exon=> In CDS Exon 3 of transcript AGAP008797-PA
JHU_Ag_65462	RPPVQPLKPIIITR	AGAP008797-PA	-	20	0.001506924	1	1628.038	0.52	Malpighian tubule	3R:-:17952646-17952605	exon=> In CDS Exon 3 of transcript AGAP008797-PA
JHU_Ag_69886	SAVLEAQEELESVAR	AGAP008797-PA	-	110	1.60E-10	2	1630.837	5.29	Ovary	3R:-:17952790-17952746	exon=> In CDS Exon 3 of transcript AGAP008797-PA

JHU_Ag_88617	RPPVQPLKPIIITR	AGAP008797-PA	-	53	7.11E-07	1	1628.038	0.29	Head	3R:-:17952646-17952605	exon=> In CDS Exon 3 of transcript AGAP008797-PA
JHU_Ag_101460	YFLLPFFLGK	AGAP008797-PA	-	46	0.000240999	1	1244.706	-1.59	Ovary	3R:-:17953215-17953186	exon=> In CDS Exon 2 of transcript AGAP008797-PA
JHU_Ag_43378	STNSDYDTTEFVLPLAK	AGAP008798-PA	-	76	4.66E-07	2	1900.923	3.02	Head	3R:-:17959539-17959647,17959192-17959420	exon=> In CDS Exon 2 and 1 of transcript AGAP008798-PA
JHU_Ag_44244	STNSDYDTTEFVLPLAK	AGAP008798-PA	-	96	4.02E-09	1	1900.926	4.3	Malpighian tubule	3R:-:17959539-17959647,17959192-17959420	exon=> In CDS Exon 2 and 1 of transcript AGAP008798-PA
JHU_Ag_50110	STNSDYDTTEFVLPLAK	AGAP008798-PA	-	71	1.34E-06	2	1900.916	-0.64	Male reproductive organs	3R:-:17959539-17959647,17959192-17959420	exon=> In CDS Exon 2 and 1 of transcript AGAP008798-PA
JHU_Ag_89362	YLTCADCEVGPIGYHDLETK	AGAP008798-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	50	0.000117855	1	2341.052	1.85	Head	3R:-:17959290-17959231	exon=> In CDS Exon 2 of transcript AGAP008798-PA
JHU_Ag_96336	ASEDTAPADFSALVNEDGK	AGAP008798-PA	N-Term(Acetyl)	69	1.67E-06	1	1978.888	0.19	Ovary	3R:-:17959644-17959588	exon=> In CDS Exon 1 of transcript AGAP008798-PA
JHU_Ag_18468	RSEIILK	AGAP008799-PA	-	42	0.000398093	1	858.542	1.69	Malpighian tubule	3R:+:17962183-17962203	exon=> In CDS Exon 1 of transcript AGAP008799-PA
JHU_Ag_94472	RSEIILK	AGAP008799-PA	-	42	0.000486769	1	858.531	-11.73	Ovary	3R:+:17962183-17962203	exon=> In CDS Exon 1 of transcript AGAP008799-PA
JHU_Ag_77	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	90	1.47E-08	1	1107.574	2.49	Larva	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_137	SKIIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	-	66	2.47E-06	1	2519.310	0.84	Ovary	3R:-:18055284-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_175	DVTFLNDCVGAEVEAACKDPAPGSVILLENVR	AGAP008802-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	221	8.54E-22	1	3458.691	-0.67	Ovary	3R:-:18056228-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_478	NNVQLHLPVDFVTGDKFAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M37(Oxidation)	42	0.000512142	1	4476.209	-1.14	Midgut	3R:-:18055449-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_561	VDFNVPIK	AGAP008802-PA	-	49	0.000229672	2	931.526	0.96	Head	3R:-:18056432-18056409	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_584	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	47	0.000176122	1	1924.029	0.04	Head	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_677	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	138	2.06E-13	1	1724.799	2.45	Midgut	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_1922	SKIIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N17(Deamidated),N20(Deamidated)	60	1.11E-05	1	2520.296	1.42	Pupa	3R:-:18055284-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_2282	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	104	3.11E-10	1	1924.028	-0.34	Visceras	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_3733	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N18(Deamidated)	77	2.45E-07	2	2305.175	4.25	Larva	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_4183	YTLAPVADELK	AGAP008802-PA	-	35	0.003767823	1	1219.661	3.58	Malpighian tubule	3R:-:18056276-18056244	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_5870	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	-	97	1.24E-09	1	2275.223	-0.32	Salivary gland	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_6177	SVVLASHLGRPDGNKNVK	AGAP008802-PA	-	83	2.05E-08	1	1891.056	2.47	Ovary	3R:-:18056330-18056277	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_6211	VDFNVPIKEGK	AGAP008802-PA	-	50	0.000128958	2	1245.687	2.59	Male reproductive organs	3R:-:18056432-18056400	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_6905	VLPGVDALSSA	AGAP008802-PA	-	35	0.002750218	1	1028.565	2.91	Midgut	3R:-:18055056-18055024	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_7577	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	123	5.58E-12	1	1724.796	1.03	Pupa	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA

JHU_Ag_8167	LSIENVDLK	AGAP008802-PA	-	67	3.04E-06	2	1030.577	-0.97	Visceras	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_8557	EAFAAPIAR	AGAP008802-PA	-	50	0.000152093	1	945.519	3.96	Larva	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_8846	FYVEEEGKGVDASGNK	AGAP008802-PA	-	145	4.83E-14	1	1728.807	-0.18	Head	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_8873	IVQNLVDK	AGAP008802-PA	-	45	0.000375755	1	928.545	-1.17	Midgut	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_9073	IVQNLVDK	AGAP008802-PA	-	49	0.000143826	1	928.548	1.97	Ovary	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_9130	VLPGVDALSSA	AGAP008802-PA	-	61	6.47E-06	2	1028.564	1.77	Pupa	3R:-:18055056-18055024	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_9559	LGDVYVNDAFGTAHR	AGAP008802-PA	N7(Deamidated)	93	8.53E-09	1	1635.776	0.11	Pupa	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_9617	VDFNVPIKEGK	AGAP008802-PA	-	56	3.57E-05	2	1245.687	2.4	Ovary	3R:-:18056432-18056400	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_9680	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	-	118	2.33E-11	1	1864.914	1.71	Salivary gland	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_9778	LGDVYVNDAFGTAHR	AGAP008802-PA	-	92	1.14E-08	1	1634.793	0.72	Salivary gland	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_10063	EAFAAPIAR	AGAP008802-PA	-	50	0.000176951	1	945.518	2.73	Male reproductive organs	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_10587	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	85	2.72E-08	1	1924.030	0.87	Pupa	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_10921	YTLAPVADELKK	AGAP008802-PA	-	32	0.005535307	2	1347.756	2.7	Larva	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_13277	VLPGVDALSSA	AGAP008802-PA	-	31	0.00763218	1	1028.562	-0.29	Head	3R:-:18055056-18055024	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_14569	FAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M21(Oxidation)	154	5.40E-15	1	2699.313	5.57	Larva	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_14928	LSIENVDLK	AGAP008802-PA	-	59	1.74E-05	1	1030.576	-1.44	Male reproductive organs	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_16123	VNEMIIGGGMAFTFLK	AGAP008802-PA	M4(Oxidation), M10(Oxidation)	80	1.47E-07	1	1759.888	7.03	Larva	3R:-:18055584-18055537	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_16799	FYVEEEGK	AGAP008802-PA	-	44	0.000170488	2	1000.461	-0.77	Pupa	3R:-:18056132-18056109	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_16956	FYVEEEGKGVDASGNK	AGAP008802-PA	-	119	1.62E-11	1	1728.808	0.39	Visceras	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_17973	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	133	8.62E-13	1	1880.913	3.62	Larva	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_18221	YTLAPVADELKK	AGAP008802-PA	-	82	5.10E-08	1	1347.752	0.35	Male reproductive organs	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_18512	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	-	98	8.16E-10	1	2275.235	5.16	Larva	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_19291	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N15(Deamidated),N18(Deamidated)	83	6.28E-08	2	2305.169	1.82	Pupa	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_19805	VDFNVPIK	AGAP008802-PA	-	55	5.24E-05	2	931.525	0.1	Midgut	3R:-:18056432-18056409	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_21206	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	82	4.81E-08	1	1924.029	0.36	Midgut	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_21441	IVQNLVDK	AGAP008802-PA	-	51	0.000102779	1	928.546	-0.38	Head	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_22431	EAFAAPIAR	AGAP008802-PA	-	52	8.57E-05	2	945.515	-0.7	Head	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_23015	IVAALDSIK	AGAP008802-PA	-	42	0.000497916	1	929.571	4.12	Larva	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA

JHU_Ag_23345	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	62	4.18E-06	1	1924.042	6.79	Ovary	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_23802	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	95	5.42E-09	1	1880.904	-0.8	Male reproductive organs	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_23817	LSIENVDLK	AGAP008802-PA	-	57	2.79E-05	2	1030.575	-2.51	Head	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_24557	DVTFLNDCVGAEVEAACKDPAPGSVILLENVR	AGAP008802-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	87	2.59E-08	3	3458.709	4.52	Malpighian tubule	3R:-:18056228-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_24605	LGDVYVNDAFGTAHR	AGAP008802-PA	-	99	2.03E-09	1	1634.798	3.55	Ovary	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_25143	IVQNLVDK	AGAP008802-PA	-	39	0.001408981	2	928.544	-2.23	Male reproductive organs	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_25465	YTLAPVADELKK	AGAP008802-PA	-	78	1.27E-07	1	1347.753	0.89	Pupa	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_26680	FYVEEEGKGVDASGNK	AGAP008802-PA	-	133	7.52E-13	1	1728.816	4.77	Larva	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_27978	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	58	2.38E-05	2	1107.572	0.18	Salivary gland	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_29109	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	101	1.36E-09	1	1107.571	-0.81	Pupa	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_29198	LSIENVDLKGK	AGAP008802-PA	-	73	4.76E-07	1	1215.696	1.1	Malpighian tubule	3R:-:18056596-18056564	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_30095	VDFNVPIK	AGAP008802-PA	-	49	0.000212561	2	931.525	0.63	Salivary gland	3R:-:18056432-18056409	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_30627	DVTFLNDCVGAEVEAACKDPAPGSVILLENVR	AGAP008802-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	129	1.58E-12	1	3458.700	1.87	Visceras	3R:-:18056228-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_30833	WGTESQVSHVSTGGGASLELLEGK	AGAP008802-PA	-	136	3.91E-13	1	2429.206	4.63	Ovary	3R:-:18055128-18055057	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_30959	DVTFLNDCVGAEVEAACK	AGAP008802-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	129	1.41E-12	1	1997.895	0.45	Head	3R:-:18056228-18056175	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_31623	VLNNMEIGGSLFDAEGAKIVQNLVDK	AGAP008802-PA	M5(Oxidation)	36	0.002235794	1	2790.446	4.3	Malpighian tubule	3R:-:18055536-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_32311	SKIIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N17(Deamidated),N20(Deamidated)	106	2.21E-10	1	2519.322	5.27	Malpighian tubule	3R:-:18055284-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_32988	NNVQLHLPVDFVTGDK	AGAP008802-PA	-	59	1.16E-05	1	1795.941	3.92	Salivary gland	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_33753	NNVQLHLPVDFVTGDKFAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M37(Oxidation)	77	1.66E-07	1	4460.229	2.09	Visceras	3R:-:18055449-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_33792	SVVLASHLGRPDGNK	AGAP008802-PA	-	88	1.03E-08	1	1549.856	7.6	Ovary	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_33853	FYVEEEGKGVDASGNK	AGAP008802-PA	-	75	5.01E-07	2	1728.810	1.59	Salivary gland	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_33855	YTLAPVADELKK	AGAP008802-PA	-	75	2.65E-07	1	1347.753	0.62	Visceras	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_33887	IVAALDSIK	AGAP008802-PA	-	46	0.000161464	1	929.571	4.32	Male reproductive organs	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_34534	EAFAAPIAR	AGAP008802-PA	-	48	0.000264568	1	945.515	0.08	Midgut	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_34724	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	137	2.64E-13	1	1724.796	1.24	Head	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_35011	FYVEEEGKGVDASGNK	AGAP008802-PA	-	100	1.53E-09	1	1728.806	-0.74	Male reproductive organs	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_35938	FAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M21(Oxidation)	152	1.02E-14	1	2699.302	1.43	Pupa	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA

JHU_Ag_36548	EAFAAPIAR	AGAP008802-PA	-	55	4.88E-05	2	945.516	0.46	Malpighian tubule	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_36779	ALNKLSIENVDLK	AGAP008802-PA	N-Term(Acetyl)	104	1.94E-10	1	1498.852	3.16	Malpighian tubule	3R:-:18056608-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_36979	AAGLLLNK	AGAP008802-PA	-	58	1.19E-05	2	799.504	-0.09	Salivary gland	3R:-:18055722-18055699	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_38214	VDFNVPIKEGK	AGAP008802-PA	-	51	0.000112272	2	1245.683	-0.54	Salivary gland	3R:-:18056432-18056400	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_38633	LGDVYVNDAFGTAHR	AGAP008802-PA	-	112	9.62E-11	1	1634.792	0.12	Male reproductive organs	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_38851	AHSSMMGEGYSQR	AGAP008802-PA	M5(Oxidation), M6(Oxidation)	49	2.54E-05	1	1472.592	1.87	Male reproductive organs	3R:-:18055761-18055723	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_40224	IQLIENLLDK	AGAP008802-PA	-	31	0.004092638	2	1198.701	-2.3	Midgut	3R:-:18055614-18055585	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_40290	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N15(Deamidated)	97	2.31E-09	1	2304.183	0.92	Head	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_41148	SVVLASHLGRPDGNK	AGAP008802-PA	-	73	4.25E-07	1	1549.852	4.53	Male reproductive organs	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_41398	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	117	2.52E-11	1	1724.797	1.31	Malpighian tubule	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_41680	FYVEEEGKGVDASGNK	AGAP008802-PA	-	113	7.93E-11	1	1728.812	2.79	Ovary	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_42968	IVAALDSIK	AGAP008802-PA	-	37	0.001371932	1	929.567	0.24	Salivary gland	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_43221	NNVQLHLPVDFVTGDKFAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M37(Oxidation)	104	3.45E-10	1	4476.220	1.37	Ovary	3R:-:18055449-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_44225	VDFNVPIK	AGAP008802-PA	-	42	0.001004277	1	931.524	-0.55	Male reproductive organs	3R:-:18056432-18056409	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_44582	IQLIENLLDKVNEMIIGGGMAFTFLK	AGAP008802-PA	M14(Oxidation), M20(Oxidation)	156	1.12E-15	1	2939.560	-0.71	Ovary	3R:-:18055614-18055537	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_45129	DPAPGSVILLENVR	AGAP008802-PA	-	101	5.81E-10	1	1479.818	0.77	Malpighian tubule	3R:-:18056174-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_45212	FYVEEEGK	AGAP008802-PA	-	41	0.000344107	1	1000.461	-0.82	Head	3R:-:18056132-18056109	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_46442	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	90	1.33E-08	2	1724.794	-0.17	Male reproductive organs	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_46457	SVVLASHLGRPDGNK	AGAP008802-PA	-	73	3.63E-07	1	1549.852	4.61	Larva	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_47311	VLPGVDALSSA	AGAP008802-PA	-	65	2.76E-06	1	1028.562	-0.6	Malpighian tubule	3R:-:18055056-18055024	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_47912	EAFAAPIAR	AGAP008802-PA	-	37	0.003151483	2	945.516	0.46	Ovary	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_48654	EAFAAPIAR	AGAP008802-PA	-	50	0.00016595	1	945.515	-0.5	Pupa	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_48951	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	-	45	0.000272573	2	2304.211	12.79	Malpighian tubule	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_49080	IVQNLVDKAK	AGAP008802-PA	-	64	2.02E-06	1	1127.678	-0.06	Malpighian tubule	3R:-:18055482-18055453	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_50114	IVQNLVDK	AGAP008802-PA	-	47	0.000265403	2	928.546	-0.26	Salivary gland	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_51269	VDFNVPIKEGK	AGAP008802-PA	-	63	6.95E-06	1	1245.684	-0.15	Malpighian tubule	3R:-:18056432-18056400	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_51578	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N15(Deamidated),N18(Deamidated)	78	1.92E-07	2	2304.189	3.36	Visceras	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA

JHU_Ag_51776	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	109	2.14E-10	1	1880.909	1.8	Ovary	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_52121	IVQNLVDKAK	AGAP008802-PA	-	57	1.16E-05	1	1127.681	2.32	Ovary	3R:-:18055482-18055453	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_54880	AHSSMMGEGYSQR	AGAP008802-PA	M5(Oxidation),M6(Oxidation),"M5(Oxidation), M6(Oxidation)"	103	1.99E-10	1	1440.600	0.52	Malpighian tubule	3R:-:18055761-18055723	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_56259	VDFNVPIK	AGAP008802-PA	-	46	0.000376195	2	931.525	0.17	Pupa	3R:-:18056432-18056409	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_56408	LGDVYVNDAFGTAHR	AGAP008802-PA	-	102	1.12E-09	1	1634.793	0.49	Head	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_58573	SVVLASHLGRPDGNK	AGAP008802-PA	-	85	3.06E-08	1	1549.844	-0.59	Midgut	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_58958	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	84	5.04E-08	2	1724.800	3.37	Ovary	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_59198	AAGLLLNK	AGAP008802-PA	-	48	0.000106	2	799.503	-0.32	Midgut	3R:-:18055722-18055699	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_60553	NNVQLHLPVDFVTGDK	AGAP008802-PA	-	41	0.000750313	1	1795.940	3.54	Larva	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_60576	FYVEEEGKGVDASGNK	AGAP008802-PA	-	129	1.65E-12	1	1728.810	1.59	Malpighian tubule	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_60804	AAGLLLNK	AGAP008802-PA	-	51	5.31E-05	1	799.503	-0.4	Malpighian tubule	3R:-:18055722-18055699	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_60900	LSIENVDLK	AGAP008802-PA	-	66	3.43E-06	1	1030.578	0.1	Ovary	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_61149	WGTESQVSHVSTGGGASLELLEGK	AGAP008802-PA	-	142	9.08E-14	1	2429.198	1.31	Malpighian tubule	3R:-:18055128-18055057	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_61348	SREAFAAPIAR	AGAP008802-PA	-	49	0.000158986	1	1188.647	-0.9	Pupa	3R:-:18055317-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_61431	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	Q4(Deamidated)	110	5.69E-11	1	2275.227	1.53	Pupa	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_62206	VDFNVPIKEGK	AGAP008802-PA	-	68	1.99E-06	2	1245.684	-0.05	Visceras	3R:-:18056432-18056400	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_62646	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	53	7.08E-05	2	1107.572	0.18	Head	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_63005	FAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M21(Oxidation)	154	5.37E-15	1	2699.298	-0.06	Malpighian tubule	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_63307	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	Q4(Deamidated)	110	5.26E-11	1	2275.231	3.14	Malpighian tubule	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_63961	LGDVYVNDAFGTAHR	AGAP008802-PA	-	124	6.26E-12	1	1634.794	1.24	Malpighian tubule	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_64323	LSIENVDLK	AGAP008802-PA	-	57	2.64E-05	2	1030.574	-3.46	Midgut	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_64957	NNVQLHLPVDFVTGDKFAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M37(Oxidation)	147	1.51E-14	1	4476.235	4.75	Malpighian tubule	3R:-:18055449-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_65556	DVTFLNDCVGAEVEAACKDPAPGSVILLENVR	AGAP008802-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	96	2.95E-09	3	3458.703	2.93	Head	3R:-:18056228-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_66125	AAGLLLNKELR	AGAP008802-PA	-	42	8.83E-05	1	1197.735	2.68	Ovary	3R:-:18055722-18055690	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_66658	YTLAPVADELKK	AGAP008802-PA	-	76	2.24E-07	1	1347.747	-3.28	Head	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_67210	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	130	1.38E-12	1	1880.906	-0.15	Pupa	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_67611	TFRESLAK	AGAP008802-PA	-	39	0.001404083	1	951.526	-0.37	Malpighian tubule	3R:-:18055830-18055807	exon=> In CDS Exon 3 of transcript AGAP008802-PA

JHU_Ag_67728	YTLAPVADELKK	AGAP008802-PA	-	69	1.07E-06	1	1347.751	-0.65	Salivary gland	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_69255	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	101	9.26E-10	2	1724.802	4.57	Larva	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_69299	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N15(Deamidated),N18(Deamidated)	56	3.37E-05	1	2305.166	0.44	Male reproductive organs	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_69699	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	135	4.75E-13	1	1880.904	-0.93	Head	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_69747	LSIENVDLK	AGAP008802-PA	-	54	5.63E-05	2	1030.578	0.21	Salivary gland	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_70116	IVAALDSIKFALEK	AGAP008802-PA	-	109	3.17E-11	1	1517.898	2.82	Malpighian tubule	3R:-:18056381-18056340	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_70723	WGTESQVSHVSTGGGASLELLEGK	AGAP008802-PA	-	114	5.30E-11	1	2429.207	5.31	Pupa	3R:-:18055128-18055057	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_71279	SVVLASHLGRPDGNK	AGAP008802-PA	-	99	1.03E-09	1	1549.845	0.58	Head	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_71391	FAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M21(Oxidation)	87	2.94E-08	1	2699.306	2.86	Male reproductive organs	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_71997	IVQNLVDK	AGAP008802-PA	-	54	4.25E-05	1	928.546	0.07	Visceras	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_74110	FYVEEEGKGVDASGNK	AGAP008802-PA	-	90	1.44E-08	1	1728.801	-3.89	Midgut	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_74359	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	-	104	2.42E-10	1	2275.228	2.1	Visceras	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_75211	SREAFAAPIAR	AGAP008802-PA	-	56	3.25E-05	1	1188.650	1.06	Malpighian tubule	3R:-:18055317-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_75867	DPAPGSVILLENVR	AGAP008802-PA	-	95	1.97E-09	1	1479.823	4.57	Midgut	3R:-:18056174-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_77022	FAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M21(Oxidation)	191	1.19E-18	1	2683.316	4.62	Head	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_77080	DVTFLNDCVGAEVEAACK	AGAP008802-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	109	1.32E-10	1	1997.900	2.77	Midgut	3R:-:18056228-18056175	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_77512	SVVLASHLGRPDGNK	AGAP008802-PA	-	86	2.39E-08	1	1549.845	-0.06	Visceras	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_77869	VLPGVDALSSA	AGAP008802-PA	-	68	1.72E-06	2	1028.563	0.7	Ovary	3R:-:18055056-18055024	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_77948	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	-	110	5.36E-11	1	2275.231	3.14	Head	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_79004	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	55	2.41E-05	1	1924.031	1.27	Salivary gland	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_80061	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	129	1.94E-12	1	1880.904	-0.8	Midgut	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_80592	ALNKLSIENVDLK	AGAP008802-PA	N-Term(Acetyl)	35	0.001486271	2	1498.850	1.61	Head	3R:-:18056608-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_81111	AHSSMMGEGYSQR	AGAP008802-PA	M5(Oxidation), M6(Oxidation),M6(Oxidation)	68	4.28E-07	1	1456.589	-3.71	Head	3R:-:18055761-18055723	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_81443	SVVLASHLGRPDGNK	AGAP008802-PA	-	69	1.26E-06	1	1549.844	-0.28	Pupa	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_81475	VDFNVPIKEGK	AGAP008802-PA	-	60	1.35E-05	2	1245.683	-0.45	Pupa	3R:-:18056432-18056400	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_82447	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	41	0.001297551	1	1107.570	-1.3	Midgut	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_82514	SVVLASHLGRPDGNKNVK	AGAP008802-PA	-	61	3.39E-06	1	1891.048	-1.48	Pupa	3R:-:18056330-18056277	exon=> In CDS Exon 2 of transcript AGAP008802-PA

JHU_Ag_82832	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N15(Deamidated),N18(Deamidated)	62	7.80E-06	2	2305.169	1.39	Salivary gland	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_82840	VADKIQLIENLLDK	AGAP008802-PA	-	77	6.14E-08	1	1611.932	0.41	Visceras	3R:-:18055626-18055585	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_82902	VNEMIIGGGMAFTFLK	AGAP008802-PA	M4(Oxidation), M10(Oxidation)	49	0.000206 62	2	1759.875	-0.39	Head	3R:-:18055584-18055537	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_84025	AAGLLLNK	AGAP008802-PA	-	60	6.87E-06	2	799.505	1.43	Larva	3R:-:18055722-18055699	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_84390	IQLIENLLDK	AGAP008802-PA	-	40	0.000476 22	2	1198.706	1.87	Pupa	3R:-:18055614-18055585	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_84499	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	94	5.35E-09	1	1107.571	-0.37	Ovary	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_85170	DVTFLNDCVGAEVEAACKDPAPGSVILLENVR	AGAP008802-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	122	8.07E-12	1	3458.689	-1.31	Salivary gland	3R:-:18056228-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_86991	EAFAAPIAR	AGAP008802-PA	-	58	2.56E-05	2	945.515	0.01	Salivary gland	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_87070	VLPGVDALSSA	AGAP008802-PA	-	38	0.001492 01	2	1028.563	0.47	Visceras	3R:-:18055056-18055024	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_87411	IVQNLVDKAK	AGAP008802-PA	-	51	4.61E-05	1	1127.678	-0.17	Pupa	3R:-:18055482-18055453	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_88098	NNVQLHLPVDFVTGDK	AGAP008802-PA	-	72	5.83E-07	2	1795.938	2.36	Visceras	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_88146	FYVEEEGK	AGAP008802-PA	-	36	0.001275 539	1	1000.462	-0.65	Malpighian tubule	3R:-:18056132-18056109	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_88444	IVQNLVDK	AGAP008802-PA	-	50	0.000100 424	1	928.549	2.71	Larva	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_89036	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	60	1.40E-05	2	1107.568	-3.02	Male reproductive organs	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_89453	IVAALDSIK	AGAP008802-PA	-	46	0.000183 297	1	929.570	3.21	Ovary	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_90199	NNVQLHLPVDFVTGDK	AGAP008802-PA	-	82	7.17E-08	1	1795.931	-1.46	Ovary	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_90332	AAGLLLNKELR	AGAP008802-PA	-	81	1.08E-08	1	1197.732	0.85	Malpighian tubule	3R:-:18055722-18055690	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_90541	DPAPGSVILLENVR	AGAP008802-PA	-	104	2.74E-10	1	1479.819	1.6	Head	3R:-:18056174-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_90614	LSIENVDLK	AGAP008802-PA	-	62	8.61E-06	1	1030.579	1.28	Malpighian tubule	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_90884	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	-	116	1.67E-11	1	2275.223	-0.24	Ovary	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_91099	IQLIENLLDK	AGAP008802-PA	-	53	2.82E-05	1	1198.706	1.33	Head	3R:-:18055614-18055585	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_91231	SVVLASHLGRPDGNK	AGAP008802-PA	-	82	4.37E-08	1	1549.855	6.73	Malpighian tubule	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_92136	FAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M21(Oxidation)	133	7.22E-13	1	2699.303	1.77	Visceras	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_92636	AHSSMMGEGYSQR	AGAP008802-PA	-	43	0.000197 256	2	1440.599	-0.08	Pupa	3R:-:18055761-18055723	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_93291	LGDVYVNDAFGTAHR	AGAP008802-PA	-	61	1.24E-05	1	1634.798	3.77	Larva	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_94276	SVVLASHLGRPDGNKNVK	AGAP008802-PA	-	102	2.46E-10	1	1891.050	-0.24	Malpighian tubule	3R:-:18056330-18056277	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_94670	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	124	6.54E-12	1	1880.907	0.5	Visceras	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_95026	AHSSMMGEGYSQR	AGAP008802-PA	M5(Oxidation), M6(Oxidation)	55	5.27E-06	2	1472.589	-0.55	Midgut	3R:-:18055761-18055723	exon=> In CDS Exon 3 of transcript AGAP008802-PA

JHU_Ag_95206	IVAALDSIK	AGAP008802-PA	-	48	0.000105477	1	929.568	1.37	Head	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_98167	VDFNVPIK	AGAP008802-PA	-	52	9.16E-05	2	931.524	-0.94	Malpighian tubule	3R:-:18056432-18056409	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_99966	SLMDGVVAATK	AGAP008802-PA	M3(Oxidation)	94	5.84E-09	1	1107.573	1.39	Malpighian tubule	3R:-:18055215-18055183	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_99998	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	N18(Deamidated)	88	2.27E-08	2	2305.168	0.97	Midgut	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_100535	NNVQLHLPVDFVTGDK	AGAP008802-PA	N2(Deamidated)	102	5.85E-10	1	1795.934	0.28	Pupa	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_100548	IIVWNGPPGVFEFPNFANGTK	AGAP008802-PA	-	61	9.49E-06	1	2304.200	7.91	Ovary	3R:-:18055278-18055216	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_100676	AAGLLLNK	AGAP008802-PA	-	54	2.73E-05	2	799.503	-0.78	Head	3R:-:18055722-18055699	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_101347	IVAALDSIK	AGAP008802-PA	-	44	0.000286521	1	929.569	2.42	Malpighian tubule	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_101567	NNVQLHLPVDFVTGDKFAEDAATGEATVASGIPAGHMGLDIGPK	AGAP008802-PA	M37(Oxidation)	96	2.22E-09	1	4476.217	0.71	Larva	3R:-:18055449-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_102260	LGDVYVNDAFGTAHR	AGAP008802-PA	-	102	1.15E-09	1	1634.799	4	Midgut	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_102382	LGDVYVNDAFGTAHR	AGAP008802-PA	-	98	2.49E-09	1	1634.792	-0.4	Visceras	3R:-:18055806-18055762	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_102683	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	-	91	4.58E-09	1	2275.225	0.65	Male reproductive organs	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_102969	VDFNVPIK	AGAP008802-PA	-	49	0.000184864	2	931.524	-0.55	Ovary	3R:-:18056432-18056409	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_103554	YTLAPVADELKK	AGAP008802-PA	-	78	1.47E-07	1	1347.751	-0.75	Malpighian tubule	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_104501	EAFAAPIAR	AGAP008802-PA	-	37	0.003191368	2	945.515	-0.58	Visceras	3R:-:18055311-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_104570	VLPGVDALSSA	AGAP008802-PA	-	64	3.62E-06	2	1028.566	3.43	Male reproductive organs	3R:-:18055056-18055024	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_104968	IVQNLVDK	AGAP008802-PA	-	54	4.68E-05	1	928.546	-0.72	Pupa	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_105121	IVAALDSIK	AGAP008802-PA	-	50	8.92E-05	1	929.566	-0.22	Pupa	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_105373	YTLAPVADELKK	AGAP008802-PA	-	46	0.000219794	2	1347.751	-0.56	Midgut	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_105610	YTLAPVADELKK	AGAP008802-PA	-	77	2.03E-07	1	1347.756	3.06	Ovary	3R:-:18056276-18056241	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_108304	YFSQALDNPPRPFLAILGGAK	AGAP008802-PA	-	103	2.98E-10	1	2275.223	-0.16	Midgut	3R:-:18055689-18055627	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_108597	LSIENVDLK	AGAP008802-PA	-	59	1.67E-05	1	1030.578	0.45	Pupa	3R:-:18056596-18056570	exon=> In CDS Exon 1 of transcript AGAP008802-PA
JHU_Ag_108602	VLNNMEIGGSLFDAEGAK	AGAP008802-PA	M5(Oxidation)	124	6.46E-12	1	1880.914	4.33	Malpighian tubule	3R:-:18055536-18055483	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_109354	WGTESQVSHVSTGGGASLELLEGK	AGAP008802-PA	-	148	2.48E-14	1	2429.196	0.71	Visceras	3R:-:18055128-18055057	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_109427	IVAALDSIK	AGAP008802-PA	-	47	0.000186699	1	929.566	-0.8	Midgut	3R:-:18056381-18056355	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_110074	SVVLASHLGRPDGNK	AGAP008802-PA	-	69	1.05E-06	1	1549.846	1.06	Salivary gland	3R:-:18056330-18056286	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_110217	SREAFAAPIAR	AGAP008802-PA	-	39	0.001700633	2	1188.650	1.36	Ovary	3R:-:18055317-18055285	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_110864	DPAPGSVILLENVR	AGAP008802-PA	-	34	0.002718459	2	1479.817	0.2	Visceras	3R:-:18056174-18056133	exon=> In CDS Exon 2 of transcript AGAP008802-PA

JHU_Ag_110876	AAGLLLNK	AGAP008802-PA	-	60	3.72E-06	2	799.502	-2.15	Pupa	3R:-:18055722-18055699	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_111037	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	49	9.11E-05	1	1924.039	5.18	Larva	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_111463	NNVQLHLPVDFVTGDK	AGAP008802-PA	-	94	3.30E-09	1	1795.937	1.61	Malpighian tubule	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_111739	WGTESQVSHVSTGGGASLELLEGK	AGAP008802-PA	-	86	4.11E-08	1	2429.195	0.18	Head	3R:-:18055128-18055057	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_111808	NNVQLHLPVDFVTGDK	AGAP008802-PA	-	87	1.76E-08	2	1795.946	6.57	Midgut	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_112983	AHSSMMGEGYSQR	AGAP008802-PA	M5(Oxidation), M6(Oxidation)	40	0.000247 48	1	1472.593	2.52	Salivary gland	3R:-:18055761-18055723	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_114363	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	109	1.47E-10	1	1724.793	-0.74	Salivary gland	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_114410	KNNVQLHLPVDFVTGDK	AGAP008802-PA	-	85	2.77E-08	1	1924.026	-1.29	Malpighian tubule	3R:-:18055452-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_114492	FAEDAATGEATVASGIPAGHMGLDIG PK	AGAP008802-PA	M21(Oxidation)	114	6.54E-11	1	2699.299	0.15	Midgut	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_114544	AAGLLLNK	AGAP008802-PA	-	53	3.33E-05	2	799.505	1.89	Ovary	3R:-:18055722-18055699	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_115135	IVQNLVDK	AGAP008802-PA	-	45	0.000331 007	1	928.548	1.39	Malpighian tubule	3R:-:18055482-18055459	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_115467	AGTVSIIGGGDTASCCAK	AGAP008802-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	109	1.66E-10	2	1724.796	0.89	Visceras	3R:-:18055182-18055129	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_115745	VDFNVPIKEGK	AGAP008802-PA	-	55	3.76E-05	1	1245.684	-0.15	Head	3R:-:18056432-18056400	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_116724	FYVEEEGKGVDASGNK	AGAP008802-PA	-	141	1.07E-13	1	1728.807	-0.18	Pupa	3R:-:18056132-18056085	exon=> In CDS Exon 2 of transcript AGAP008802-PA
JHU_Ag_117417	FAEDAATGEATVASGIPAGHMGLDIG PK	AGAP008802-PA	M21(Oxidation)	170	1.44E-16	1	2683.307	1.28	Salivary gland	3R:-:18055401-18055318	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_117563	NNVQLHLPVDFVTGDK	AGAP008802-PA	Q4(Deamidated),N1(Deamidated),N2(Deamidated)	121	9.16E-12	1	1796.920	1.19	Head	3R:-:18055449-18055402	exon=> In CDS Exon 3 of transcript AGAP008802-PA
JHU_Ag_6340	HFLVEDR	AGAP008803-PA	-	41	0.000629 424	2	915.465	-3.22	Head	3R:-:18058648-18058628	exon=> In CDS Exon 2 of transcript AGAP008803-PA
JHU_Ag_13516	TGLPVFDNPLSK	AGAP008803-PA	-	64	6.20E-06	1	1287.696	1.42	Salivary gland	3R:-:18058855-18058820	exon=> In CDS Exon 1 of transcript AGAP008803-PA
JHU_Ag_20047	GTTDGSVSYVDFLCHVHK	AGAP008803-PA	C14(Carbamidomethyl)	75	4.69E-07	1	2021.933	-2.82	Head	3R:-:18058627-18058574	exon=> In CDS Exon 2 of transcript AGAP008803-PA
JHU_Ag_60197	TGLPVFDNPLSK	AGAP008803-PA	-	39	0.002124 617	2	1287.698	2.46	Midgut	3R:-:18058855-18058820	exon=> In CDS Exon 1 of transcript AGAP008803-PA
JHU_Ag_60858	HFLVEDR	AGAP008803-PA	-	41	0.000730 782	2	915.469	0.98	Salivary gland	3R:-:18058648-18058628	exon=> In CDS Exon 2 of transcript AGAP008803-PA
JHU_Ag_83533	TGLPVFDNPLSK	AGAP008803-PA	-	58	2.25E-05	1	1287.696	1.04	Ovary	3R:-:18058855-18058820	exon=> In CDS Exon 1 of transcript AGAP008803-PA
JHU_Ag_103847	TGLPVFDNPLSK	AGAP008803-PA	-	39	0.001793 317	1	1287.698	2.65	Pupa	3R:-:18058855-18058820	exon=> In CDS Exon 1 of transcript AGAP008803-PA
JHU_Ag_109147	TGLPVFDNPLSK	AGAP008803-PA	-	51	0.000107 736	1	1287.695	0.47	Malpighian tubule	3R:-:18058855-18058820	exon=> In CDS Exon 1 of transcript AGAP008803-PA
JHU_Ag_15359	YPQWLAEHSATLPK	AGAP008804-PA	-	47	0.000279 076	1	1640.842	-0.44	Male reproductive organs	3R:+:18064274-18064315	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_19410	MFEQHMAALFGGGEK	AGAP008804-PA	M1(Oxidation), M6(Oxidation)	63	4.44E-06	1	1684.744	-1.09	Ovary	3R:+:18063884-18063928	exon=> In CDS Exon 3 of transcript AGAP008804-PA

JHU_Ag_25342	ELDDLLDSALEDFSK	AGAP008804-PA	-	129	2.13E-12	2	1709.822	6.28	Malpighian tubule	3R:+:18063474-18063495,18063634-18063656	exon=> In CDS Exon 1 and 2 of transcript AGAP008804-PA
JHU_Ag_30849	IAEAAGMAVR	AGAP008804-PA	-	81	1.15E-07	2	988.526	2	Malpighian tubule	3R:+:18063965-18063994	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_34220	FQIVLEK	AGAP008804-PA	-	48	6.26E-05	2	876.520	0.83	Malpighian tubule	3R:+:18064421-18064441	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_58010	VDSEQIMLGFQR	AGAP008804-PA	M7(Oxidation)	42	0.000974682	2	1438.699	-0.12	Male reproductive organs	3R:+:18063929-18063964	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_61889	ERFQIVLEK	AGAP008804-PA	-	33	0.003422414	2	1161.663	0.17	Head	3R:+:18064415-18064441	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_70529	FQIVLEK	AGAP008804-PA	-	42	0.000378788	2	876.518	-1.05	Male reproductive organs	3R:+:18064421-18064441	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_71437	AEGPAAPDAEPSPANTLDPTISQSISDALK	AGAP008804-PA	-	104	5.79E-10	1	2963.451	0.96	Ovary	3R:+:18063995-18064084	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_72602	IAEAAGMAVR	AGAP008804-PA	M7(Oxidation)	65	4.58E-06	2	1004.518	-1.54	Ovary	3R:+:18063965-18063994	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_74258	FQIVLEK	AGAP008804-PA	-	50	5.62E-05	2	876.518	-1.12	Ovary	3R:+:18064421-18064441	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_77032	AEGPAAPDAEPSPANTLDPTISQSISDALK	AGAP008804-PA	-	56	3.02E-05	1	2963.457	3.06	Visceras	3R:+:18063995-18064084	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_95909	VDSEQIMLGFQR	AGAP008804-PA	M7(Oxidation)	84	6.50E-08	1	1438.701	0.89	Ovary	3R:+:18063929-18063964	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_97232	DKELDDLLDSALEDFSK	AGAP008804-PA	-	175	5.38E-17	1	1952.935	0.7	Ovary	3R:+:18063468-18063495,18063634-18063656	exon=> In CDS Exon 1 and 2 of transcript AGAP008804-PA
JHU_Ag_102166	YPQWLAEHSATLPK	AGAP008804-PA	-	67	2.43E-06	1	1640.843	-0.3	Ovary	3R:+:18064274-18064315	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_102647	AEGPAAPDAEPSPANTLDPTISQSISDALK	AGAP008804-PA	-	46	0.000301724	3	2963.455	2.38	Head	3R:+:18063995-18064084	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_117230	AEGPAAPDAEPSPANTLDPTISQSISDALK	AGAP008804-PA	-	40	0.001399405	1	2963.454	2.07	Male reproductive organs	3R:+:18063995-18064084	exon=> In CDS Exon 3 of transcript AGAP008804-PA
JHU_Ag_8411	IQSILNVFR	AGAP008807-PA	-	43	0.000278799	2	1089.641	-0.25	Male reproductive organs	3R:+:18098399-18098425	exon=> In CDS Exon 11 of transcript AGAP008807-PA
JHU_Ag_20444	ALSSNALYQLLTR	AGAP008807-PA	-	49	6.22E-05	2	1449.810	2.71	Ovary	3R:+:18090945-18090983	exon=> In CDS Exon 3 of transcript AGAP008807-PA
JHU_Ag_21905	IQSILNVFR	AGAP008807-PA	-	45	0.00010311	2	1089.648	5.8	Ovary	3R:+:18098399-18098425	exon=> In CDS Exon 11 of transcript AGAP008807-PA
JHU_Ag_30124	ALSSNALYQLLTR	AGAP008807-PA	-	80	5.78E-08	1	1449.806	0.02	Male reproductive organs	3R:+:18090945-18090983	exon=> In CDS Exon 3 of transcript AGAP008807-PA
JHU_Ag_30193	VFLGHPSFQR	AGAP008807-PA	-	40	0.001535227	1	1187.632	-0.02	Male reproductive organs	3R:+:18099778-18099807	exon=> In CDS Exon 14 of transcript AGAP008807-PA
JHU_Ag_37703	GNFDKPQVTIGVK	AGAP008807-PA	-	47	0.000207197	2	1402.770	0.53	Male reproductive organs	3R:+:18092256-18092294	exon=> In CDS Exon 4 of transcript AGAP008807-PA
JHU_Ag_39379	VEAVNVFR	AGAP008807-PA	-	37	0.003560223	2	933.514	-1.62	Midgut	3R:+:18091491-18091514	exon=> In CDS Exon 4 of transcript AGAP008807-PA
JHU_Ag_73138	GTDQAVLQVSLPQER	AGAP008807-PA	Q13(Deamidated)	34	0.005844163	1	1641.862	10.79	Head	3R:+:18092694-18092738	exon=> In CDS Exon 4 of transcript AGAP008807-PA
JHU_Ag_83578	AELAFQPLTPEGSIGSIR	AGAP008807-PA	-	50	9.74E-05	2	1886.001	-0.53	Male reproductive organs	3R:+:18097456-18097509	exon=> In CDS Exon 10 of transcript AGAP008807-PA
JHU_Ag_100887	VQAQGLLAENDLDSK	AGAP008807-PA	-	43	0.000625194	2	1600.805	-8.14	Pupa	3R:+:18091740-18091784	exon=> In CDS Exon 4 of transcript AGAP008807-PA
JHU_Ag_57339	SAYFDLWR	AGAP008809-PA,AGAP008807-PA	-	46	0.000233245	2	1057.513	2.41	Pupa	3R:+:18126254-18126277;3R:+:18100432-18100455	exon=> In CDS Exon 2 of transcript AGAP008809-PA;exon=> In CDS Exon 15 of transcript AGAP008807-PA

JHU_Ag_64079	MAGLLGTMNNEMFDDR	AGAP008810-PA	M1(Oxidation), M8(Oxidation), M12(Oxidation)	31	0.003920972	2	1862.781	4.74	Larva	3R:+:18128410-18128457	exon=> In CDS Exon 3 of transcript AGAP008810-PA
JHU_Ag_76081	SINLLVSGIAR	AGAP008810-PA	-	47	9.35E-05	2	1142.689	0.12	Male reproductive organs	3R:+:18128997-18129029	exon=> In CDS Exon 4 of transcript AGAP008810-PA
JHU_Ag_116674	LFYGMDSQMVYTK	AGAP008810-PA	M5(Oxidation), M9(Oxidation)	44	0.000403944	2	1614.724	3.58	Larva	3R:+:18129411-18129449	exon=> In CDS Exon 4 of transcript AGAP008810-PA
JHU_Ag_23336	NDFWIEEYRR	AGAP008812-PA	-	42	0.000762768	1	1427.670	-0.4	Malpighian tubule	3R:+:18164117-18164146	exon=> In CDS Exon 3 of transcript AGAP008812-PA
JHU_Ag_31567	SIPPPPPPPGPAQPTASSSDAR	AGAP008812-PA	-	34	0.00543668	1	2124.075	1.46	Head	3R:+:18163937-18164002	exon=> In CDS Exon 3 of transcript AGAP008812-PA
JHU_Ag_55107	ERIIPIQIEK	AGAP008812-PA	Q7(Deamidated)	28	0.003246554	1	1239.731	0.28	Male reproductive organs	3R:+:18167373-18167402	exon=> In CDS Exon 7 of transcript AGAP008812-PA
JHU_Ag_95383	VGENIQFR	AGAP008812-PA	N4(Deamidated), Q6(Deamidated)	35	0.004343538	2	964.482	8.62	Head	3R:+:18165601-18165624	exon=> In CDS Exon 6 of transcript AGAP008812-PA
JHU_Ag_3097	HDYSPELYAWQAR	AGAP008813-PA	-	40	0.00146547	2	1635.769	8.5	Midgut	3R:-:18187788-18187750	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_8215	LDIAHVATEHEGPIYCR	AGAP008813-PA	C16(Carbamidomethyl)	80	1.77E-07	1	1980.966	3.02	Midgut	3R:-:18187749-18187699	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_14860	FGNVQNFLLK	AGAP008813-PA	-	47	0.000146679	2	1179.653	0.95	Salivary gland	3R:-:18186710-18186681	exon=> In CDS Exon 8 of transcript AGAP008813-PA
JHU_Ag_18879	DITFVHNDKELQESDGVR	AGAP008813-PA	-	47	0.00027878	1	2102.011	-1.97	Midgut	3R:-:18187842-18187789	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_19643	YELTHSETVVK	AGAP008813-PA	-	43	0.000891243	2	1305.668	-0.22	Midgut	3R:-:18189119-18189087	exon=> In CDS Exon 4 of transcript AGAP008813-PA
JHU_Ag_27182	HDYSPELYAWQAR	AGAP008813-PA	-	35	0.003957763	1	1635.762	4.24	Head	3R:-:18187788-18187750	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_43738	TAPIDIVIEYR	AGAP008813-PA	-	62	6.95E-06	2	1289.710	-0.11	Ovary	3R:-:18189227-18189195	exon=> In CDS Exon 4 of transcript AGAP008813-PA
JHU_Ag_58233	KVLHGDLAAR	AGAP008813-PA	-	43	0.000142831	1	1079.634	2.08	Malpighian tubule	3R:-:18184619-18184590	exon=> In CDS Exon 10 of transcript AGAP008813-PA
JHU_Ag_58762	TTLIFEYLK	AGAP008813-PA	-	35	0.002253964	2	1127.632	-2.3	Midgut	3R:-:18187464-18187438	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_61374	ATNLEGSEITEADLLVSDLSDSVTLEK	AGAP008813-PA	-	70	1.26E-06	1	2849.412	-1.02	Malpighian tubule	3R:-:18188001-18187921	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_64119	FGNVQNFLLK	AGAP008813-PA	-	46	0.000192792	2	1179.652	-0.29	Ovary	3R:-:18186710-18186681	exon=> In CDS Exon 8 of transcript AGAP008813-PA
JHU_Ag_68428	DGEPVRPDENSNR	AGAP008813-PA	-	38	0.001816795	1	1484.673	0.27	Head	3R:-:18187518-18187480	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_75724	HRPHFIDQINQETGEIDSSIDK	AGAP008813-PA	-	118	2.27E-11	1	2579.264	5.91	Ovary	3R:-:18186680-18186615	exon=> In CDS Exon 8 of transcript AGAP008813-PA
JHU_Ag_84524	LDIAHVATEHEGPIYCR	AGAP008813-PA	C16(Carbamidomethyl)	87	3.54E-08	1	1980.958	-0.87	Ovary	3R:-:18187749-18187699	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_85092	LDIAHVATEHEGPIYCR	AGAP008813-PA	C16(Carbamidomethyl)	75	5.47E-07	1	1980.963	1.82	Malpighian tubule	3R:-:18187749-18187699	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_88252	HDYSPELYAWQAR	AGAP008813-PA	-	85	3.84E-08	1	1635.756	0.73	Malpighian tubule	3R:-:18187788-18187750	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_90688	TAPIDIVIEYR	AGAP008813-PA	-	89	1.19E-08	2	1289.714	3.11	Malpighian tubule	3R:-:18189227-18189195	exon=> In CDS Exon 4 of transcript AGAP008813-PA
JHU_Ag_100218	FGNVQNFLLK	AGAP008813-PA	-	35	0.002438342	2	1179.648	-3.29	Midgut	3R:-:18186710-18186681	exon=> In CDS Exon 8 of transcript AGAP008813-PA
JHU_Ag_105162	IMVNEDETTVAVK	AGAP008813-PA	M2(Oxidation)	71	1.04E-06	2	1464.729	2.44	Malpighian tubule	3R:-:18186980-18186942	exon=> In CDS Exon 7 of transcript AGAP008813-PA
JHU_Ag_112994	AFHVEVLEPVAPMLVSGK	AGAP008813-PA	M13(Oxidation)	52	5.26E-05	1	1939.042	3.18	Ovary	3R:-:18187665-18187612	exon=> In CDS Exon 6 of transcript AGAP008813-PA

JHU_Ag_114783	AFHVEVLEPVAPMLVSGK	AGAP008813-PA	M13(Oxidation)	58	1.31E-05	1	1939.043	3.56	Malpighian tubule	3R:-:18187665-18187612	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_115457	LDIAHVATEHEGPIYCR	AGAP008813-PA	C16(Carbamidomethyl)	102	9.76E-10	1	1980.955	-2.62	Head	3R:-:18187749-18187699	exon=> In CDS Exon 6 of transcript AGAP008813-PA
JHU_Ag_117644	TAPIDIVIEYR	AGAP008813-PA	-	41	0.000693439	2	1289.717	5.28	Salivary gland	3R:-:18189227-18189195	exon=> In CDS Exon 4 of transcript AGAP008813-PA
JHU_Ag_1551	EAINLALSTLK	AGAP008816-PA	-	65	1.49E-06	1	1172.689	0.38	Ovary	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_2800	EAINLALSTLK	AGAP008816-PA	-	59	5.69E-06	2	1172.690	1.52	Visceras	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_6955	GVNTFSPEGR	AGAP008816-PA	-	49	0.000222329	2	1063.516	-0.44	Ovary	3R:+:18292988-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_8777	ITSSLIEPSK	AGAP008816-PA	-	43	0.000580477	1	1074.602	-1.85	Visceras	3R:+:18293199-18293228	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_11697	FGSTAIGISTPDGVVMAVEK	AGAP008816-PA	-	72	8.35E-07	2	1979.016	0.32	Visceras	3R:+:18293054-18293090,18293173-18293195	exon=> In CDS Exon 1 and 2 of transcript AGAP008816-PA
JHU_Ag_12305	LNSTNVEVMTMTPK	AGAP008816-PA	M9(Oxidation), M11(Oxidation)	83	7.81E-08	2	1596.765	2.56	Male reproductive organs	3R:+:18293745-18293786	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_12332	IECQNHWFVYNER	AGAP008816-PA	C3(Carbamidomethyl)	78	1.70E-07	1	1794.806	2.5	Pupa	3R:+:18293319-18293357	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_19459	MFSKEEVEEYINNMS	AGAP008816-PA	M1(Oxidation),M14(Oxidation)	92	3.32E-09	1	1865.792	-0.92	Midgut	3R:+:18293799-18293843	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_25965	HIGCATSGLMADSR	AGAP008816-PA	C4(Carbamidomethyl), M10(Oxidation)	62	5.80E-06	2	1491.667	-0.94	Midgut	3R:+:18293256-18293297	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_26594	GVNTFSPEGR	AGAP008816-PA	-	53	9.20E-05	1	1063.517	0.13	Pupa	3R:+:18292988-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_26693	EAINLALSTLK	AGAP008816-PA	-	55	1.36E-05	1	1172.690	1.63	Salivary gland	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_27758	FGSTAIGISTPDGVVMAVEK	AGAP008816-PA	M16(Oxidation)	83	6.52E-08	2	1979.018	1	Midgut	3R:+:18293054-18293090,18293173-18293195	exon=> In CDS Exon 1 and 2 of transcript AGAP008816-PA
JHU_Ag_28047	FGSTAIGISTPDGVVMAVEK	AGAP008816-PA	-	79	1.56E-07	2	1979.017	0.69	Head	3R:+:18293054-18293090,18293173-18293195	exon=> In CDS Exon 1 and 2 of transcript AGAP008816-PA
JHU_Ag_30528	LFQVEYAIEAIK	AGAP008816-PA	-	89	9.96E-09	2	1423.785	1.24	Ovary	3R:+:18293018-18293053	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_32187	IECQNHWFVYNER	AGAP008816-PA	C3(Carbamidomethyl)	78	1.58E-07	2	1794.805	2.09	Head	3R:+:18293319-18293357	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_33152	LNSTNVEVMTMTPK	AGAP008816-PA	M9(Oxidation), M11(Oxidation)	96	3.49E-09	2	1596.759	-1.34	Ovary	3R:+:18293745-18293786	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_38121	AIGSGSEGAQQNLQEYYLPTMTIK	AGAP008816-PA	M21(Oxidation)	124	5.99E-12	1	2615.266	0.23	Ovary	3R:+:18293544-18293585,18293664-18293693	exon=> In CDS Exon 2 and 3 of transcript AGAP008816-PA
JHU_Ag_38278	ITSSLIEPSK	AGAP008816-PA	-	42	0.000845979	1	1074.604	-0.37	Midgut	3R:+:18293199-18293228	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_39053	ITSSLIEPSKMEK	AGAP008816-PA	M11(Oxidation)	56	3.28E-05	1	1478.778	0.25	Male reproductive organs	3R:+:18293199-18293237	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_39519	FGSTAIGISTPDGVVMAVEKR	AGAP008816-PA	M16(Oxidation)	35	0.00355162	3	2151.109	-1.05	Midgut	3R:+:18293054-18293090,18293173-18293198	exon=> In CDS Exon 1 and 2 of transcript AGAP008816-PA
JHU_Ag_40892	LNSTNVEVMTMTPK	AGAP008816-PA	M9(Oxidation), M11(Oxidation),M11(Oxidation),M9(Oxidation)	96	3.69E-09	2	1596.760	-0.42	Midgut	3R:+:18293745-18293786	exon=> In CDS Exon 3 of transcript AGAP008816-PA

JHU_Ag_43747	LFQVEYAIEAIK	AGAP008816-PA	-	65	2.01E-06	2	1423.788	3.21	Salivary gland	3R:+:18293018-18293053	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_43928	EAINLALSTLK	AGAP008816-PA	-	62	2.87E-06	1	1172.690	1.52	Pupa	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_44475	AIGSGSEGAQQNLQEYYLPTMTIK	AGAP008816-PA	M21(Oxidation)	118	2.05E-11	1	2599.271	-0.05	Midgut	3R:+:18293544-18293585,18293664-18293693	exon=> In CDS Exon 2 and 3 of transcript AGAP008816-PA
JHU_Ag_47380	GVNTFSPEGR	AGAP008816-PA	-	39	0.002004454	1	1063.518	1.51	Salivary gland	3R:+:18292988-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_47584	GVNTFSPEGR	AGAP008816-PA	-	58	2.90E-05	1	1063.515	-1.24	Male reproductive organs	3R:+:18292988-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_53012	LFQVEYAIEAIK	AGAP008816-PA	-	100	5.75E-10	1	1423.787	2.69	Pupa	3R:+:18293018-18293053	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_55385	IVEVDRHIGCATSGLMADSR	AGAP008816-PA	C10(Carbamidomethyl), M16(Oxidation),C10(Carbamidomethyl)	129	1.92E-12	1	2203.065	2.36	Malpighian tubule	3R:+:18293238-18293297	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_55601	EAINLALSTLK	AGAP008816-PA	-	62	2.32E-06	1	1172.693	4.02	Malpighian tubule	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_55722	LFQVEYAIEAIK	AGAP008816-PA	-	87	1.29E-08	1	1423.784	0.29	Male reproductive organs	3R:+:18293018-18293053	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_55857	ITSSLIEPSK	AGAP008816-PA	-	41	0.000860568	1	1074.605	0.92	Pupa	3R:+:18293199-18293228	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_56148	AIGSGSEGAQQNLQEYYLPTMTIK	AGAP008816-PA	M21(Oxidation)	94	5.89E-09	1	2599.277	2.29	Head	3R:+:18293544-18293585,18293664-18293693	exon=> In CDS Exon 2 and 3 of transcript AGAP008816-PA
JHU_Ag_61713	FGSTAIGISTPDGVVMAVEK	AGAP008816-PA	M16(Oxidation)	59	1.76E-05	1	1995.016	2.99	Male reproductive organs	3R:+:18293054-18293090,18293173-18293195	exon=> In CDS Exon 1 and 2 of transcript AGAP008816-PA
JHU_Ag_62302	EAINLALSTLK	AGAP008816-PA	-	56	1.12E-05	2	1172.684	-3.79	Head	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_64291	LNSTNVEVMTMTPK	AGAP008816-PA	M9(Oxidation), M11(Oxidation)	44	0.000592842	2	1596.758	-1.49	Head	3R:+:18293745-18293786	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_69224	MFSKEEVEEYINNMS	AGAP008816-PA	M1(Oxidation), M14(Oxidation)	40	0.000342004	2	1881.783	-2.76	Male reproductive organs	3R:+:18293799-18293843	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_70450	LNSTNVEVMTMTPK	AGAP008816-PA	M9(Oxidation), M11(Oxidation)	84	4.95E-08	2	1596.762	0.88	Pupa	3R:+:18293745-18293786	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_70551	LFQVEYAIEAIK	AGAP008816-PA	-	89	8.29E-09	1	1423.784	0.29	Head	3R:+:18293018-18293053	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_72114	FGSTAIGISTPDGVVMAVEK	AGAP008816-PA	M16(Oxidation)	121	1.02E-11	1	1995.011	0.3	Ovary	3R:+:18293054-18293090,18293173-18293195	exon=> In CDS Exon 1 and 2 of transcript AGAP008816-PA
JHU_Ag_73268	RITSSLIEPSK	AGAP008816-PA	-	47	0.000139667	2	1230.701	-3.3	Head	3R:+:18293196-18293228	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_73376	GVNTFSPEGR	AGAP008816-PA	-	39	0.002305918	1	1063.518	0.78	Head	3R:+:18292988-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_73912	EAINLALSTLK	AGAP008816-PA	-	53	2.36E-05	1	1172.690	0.86	Midgut	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_75203	MFSKEEVEEYINNMS	AGAP008816-PA	M1(Oxidation), M14(Oxidation)	114	1.57E-11	1	1881.789	0.42	Ovary	3R:+:18293799-18293843	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_79748	LFQVEYAIEAIK	AGAP008816-PA	-	86	1.64E-08	2	1423.786	1.84	Visceras	3R:+:18293018-18293053	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_82695	LFQVEYAIEAIK	AGAP008816-PA	-	102	4.23E-10	2	1423.784	0.38	Midgut	3R:+:18293018-18293053	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_83670	IECQNHWFVYNER	AGAP008816-PA	C3(Carbamidomethyl)	87	2.05E-08	2	1794.805	1.82	Visceras	3R:+:18293319-18293357	exon=> In CDS Exon 2 of transcript AGAP008816-PA

JHU_Ag_84567	AIGSGSEGAQQNLQEYYLPTMTIK	AGAP008816-PA	-	65	4.28E-06	1	2599.270	-0.34	Visceras	3R:+:18293544-18293585,18293664-18293693	exon=> In CDS Exon 2 and 3 of transcript AGAP008816-PA
JHU_Ag_85947	GVNTFSPEGR	AGAP008816-PA	-	40	0.001587293	1	1063.510	-6.68	Malpighian tubule	3R:+:18292988-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_94658	SEYDRGVNTFSPEGR	AGAP008816-PA	-	63	7.50E-06	1	1713.790	3.98	Malpighian tubule	3R:+:18292973-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_96473	ITSSLIEPSKMEK	AGAP008816-PA	M11(Oxidation)	74	3.97E-07	1	1462.788	3.78	Malpighian tubule	3R:+:18293199-18293237	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_102062	EAINLALSTLK	AGAP008816-PA	-	75	1.56E-07	2	1172.689	0.48	Male reproductive organs	3R:+:18293694-18293726	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_102230	IECQNHWFVYNER	AGAP008816-PA	C3(Carbamidomethyl)	94	4.21E-09	1	1794.807	2.7	Malpighian tubule	3R:+:18293319-18293357	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_102554	HIGCATSGLMADSR	AGAP008816-PA	C4(Carbamidomethyl), M10(Oxidation)	115	2.81E-11	1	1491.668	-0.04	Ovary	3R:+:18293256-18293297	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_104177	HIGCATSGLMADSR	AGAP008816-PA	C4(Carbamidomethyl), M10(Oxidation)	45	0.00031002	2	1491.670	1.6	Male reproductive organs	3R:+:18293256-18293297	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_104200	IECQNHWFVYNER	AGAP008816-PA	C3(Carbamidomethyl)	83	6.27E-08	1	1794.812	5.9	Midgut	3R:+:18293319-18293357	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_104519	HIGCATSGLMADSR	AGAP008816-PA	C4(Carbamidomethyl), M10(Oxidation)	44	0.000371869	3	1491.670	1.59	Pupa	3R:+:18293256-18293297	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_104814	RITSSLIEPSK	AGAP008816-PA	-	39	0.000973471	2	1230.705	-0.52	Ovary	3R:+:18293196-18293228	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_105448	ITSSLIEPSK	AGAP008816-PA	-	54	4.85E-05	1	1074.604	0.24	Ovary	3R:+:18293199-18293228	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_109618	MFSKEEVEEYINNMS	AGAP008816-PA	M1(Oxidation), M14(Oxidation),M14(Oxidation)	74	2.61E-07	2	1865.801	4.38	Malpighian tubule	3R:+:18293799-18293843	exon=> In CDS Exon 3 of transcript AGAP008816-PA
JHU_Ag_109798	ITSSLIEPSKMEK	AGAP008816-PA	M11(Oxidation)	52	7.77E-05	1	1478.776	-0.99	Midgut	3R:+:18293199-18293237	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_110045	GVNTFSPEGR	AGAP008816-PA	-	42	0.000928632	2	1063.518	0.71	Visceras	3R:+:18292988-18293017	exon=> In CDS Exon 1 of transcript AGAP008816-PA
JHU_Ag_112139	FGSTAIGISTPDGVVMAVEK	AGAP008816-PA	M16(Oxidation)	102	8.34E-10	2	1979.019	1.93	Pupa	3R:+:18293054-18293090,18293173-18293195	exon=> In CDS Exon 1 and 2 of transcript AGAP008816-PA
JHU_Ag_113902	IECQNHWFVYNER	AGAP008816-PA	C3(Carbamidomethyl)	83	5.72E-08	1	1794.806	2.29	Ovary	3R:+:18293319-18293357	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_114248	IECQNHWFVYNER	AGAP008816-PA	C3(Carbamidomethyl)	87	2.04E-08	1	1794.802	0.25	Male reproductive organs	3R:+:18293319-18293357	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_117416	AIGSGSEGAQQNLQEYYLPTMTIK	AGAP008816-PA	M21(Oxidation)	74	5.80E-07	1	2615.266	0.21	Male reproductive organs	3R:+:18293544-18293585,18293664-18293693	exon=> In CDS Exon 2 and 3 of transcript AGAP008816-PA
JHU_Ag_117497	HIGCATSGLMADSR	AGAP008816-PA	C4(Carbamidomethyl), M10(Oxidation)	71	6.47E-07	2	1491.663	-3.47	Head	3R:+:18293256-18293297	exon=> In CDS Exon 2 of transcript AGAP008816-PA
JHU_Ag_7000	VPIPQPYIVEK	AGAP008817-PA	-	41	0.000320038	2	1282.740	-0.15	Pupa	3R:+:18321269-18321301	exon=> In CDS Exon 1 of transcript AGAP008817-PA
JHU_Ag_36136	KIPVPYTVEK	AGAP008817-PA	-	35	0.001318291	1	1173.687	-1.07	Pupa	3R:+:18321194-18321223	exon=> In CDS Exon 1 of transcript AGAP008817-PA
JHU_Ag_77233	VPVDKPYKVEVPKPYPVEVPKPYPVVVEK	AGAP008817-PA	-	106	3.03E-11	1	3318.878	0.71	Pupa	3R:+:18321593-18321679	exon=> In CDS Exon 2 of transcript AGAP008817-PA
JHU_Ag_11528	NLEVVGGR	AGAP008819-PA	-	30	0.010520426	1	843.471	3.51	Midgut	3R:-:18398036-18398013	exon=> In CDS Exon 2 of transcript AGAP008819-PA
JHU_Ag_3719	RTDLNIAR	AGAP008821-PA	-	44	0.000509114	1	958.538	-5.04	Head	3R:-:18502834-18502811	exon=> In CDS Exon 7 of transcript AGAP008821-PA

JHU_Ag_17086	TPSGSPQTSAPSLK	AGAP008821-PA	-	103	6.11E-10	1	1357.696	0.19	Head	3R:-:18502810-18502906,18502473-18502572	exon=> In CDS Exon 8 and 7 of transcript AGAP008821-PA
JHU_Ag_18586	TPSGSPQTSAPSLK	AGAP008821-PA	-	62	8.50E-06	1	1357.697	0.99	Malpighian tubule	3R:-:18502810-18502906,18502473-18502572	exon=> In CDS Exon 8 and 7 of transcript AGAP008821-PA
JHU_Ag_24555	MPVLNITGALSPHIDDTVTFNGR	AGAP008821-PA	M1(Oxidation)	131	1.00E-12	1	2484.263	3.3	Head	3R:-:18502571-18502503	exon=> In CDS Exon 8 of transcript AGAP008821-PA
JHU_Ag_3838	NGYISHDEFSGPK	AGAP008822-PA	N1(Deamidated)	88	1.74E-08	1	1450.655	-3.07	Head	3R:+:18560836-18560874	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_6239	NGDMLTMHYTGK	AGAP008822-PA	N1(Deamidated), M4(Oxidation), M7(Oxidation)	47	0.000101102	1	1400.584	1.61	Larva	3R:+:18543386-18543421	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_6409	EIDENKDMQLSR	AGAP008822-PA	M8(Oxidation)	56	3.55E-05	2	1493.697	4.48	Larva	3R:+:18560665-18560700	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_7682	LVEEIFQHEDK	AGAP008822-PA	-	38	0.002710868	1	1386.690	-0.03	Head	3R:+:18560797-18560829	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_8501	LKVDVVSVPEGCTVK	AGAP008822-PA	C12(Carbamidomethyl)	88	1.38E-08	1	1629.888	0.08	Male reproductive organs	3R:+:18543335-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_10759	LVEEIFQHEDK	AGAP008822-PA	-	76	3.98E-07	1	1386.702	8.68	Midgut	3R:+:18560797-18560829	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_11024	LVEEIFQHEDK	AGAP008822-PA	-	62	9.88E-06	1	1386.694	2.7	Malpighian tubule	3R:+:18560797-18560829	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_11807	LKVDVVSVPEGCTVK	AGAP008822-PA	C12(Carbamidomethyl)	94	3.36E-09	1	1629.891	1.8	Malpighian tubule	3R:+:18543335-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_13267	VDVVSVPEGCTVK	AGAP008822-PA	C10(Carbamidomethyl)	66	4.83E-06	2	1388.711	1.21	Head	3R:+:18543341-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_18617	GWDQGLTDMCVGEK	AGAP008822-PA	M9(Oxidation), C10(Carbamidomethyl)	95	1.74E-09	2	1611.684	3.97	Larva	3R:+:18560406-18560439,18560519-18560526	exon=> In CDS Exon 2 and 3 of transcript AGAP008822-PA
JHU_Ag_19168	LKVDVVSVPEGCTVK	AGAP008822-PA	C12(Carbamidomethyl)	95	3.14E-09	2	1629.887	-0.97	Midgut	3R:+:18543335-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_19763	LKVDVVSVPEGCTVK	AGAP008822-PA	C12(Carbamidomethyl)	100	9.68E-10	1	1629.889	0.68	Pupa	3R:+:18543335-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_21180	FDSSFDRDQPFTFQLGAGQVIK	AGAP008822-PA	-	114	6.05E-11	1	2503.233	3.21	Head	3R:+:18543440-18543450,18560351-18560405	exon=> In CDS Exon 1 and 2 of transcript AGAP008822-PA
JHU_Ag_29125	FDSSFDRDQPFTFQLGAGQVIK	AGAP008822-PA	-	105	4.64E-10	1	2503.221	-1.76	Malpighian tubule	3R:+:18543440-18543450,18560351-18560405	exon=> In CDS Exon 1 and 2 of transcript AGAP008822-PA
JHU_Ag_30606	EIDENKDMQLSR	AGAP008822-PA	M8(Oxidation)	62	8.71E-06	1	1493.692	0.97	Pupa	3R:+:18560665-18560700	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_35603	FDSSFDRDQPFTFQLGAGQVIK	AGAP008822-PA	-	133	6.88E-13	1	2503.226	0.14	Ovary	3R:+:18543440-18543450,18560351-18560405	exon=> In CDS Exon 1 and 2 of transcript AGAP008822-PA
JHU_Ag_39073	EEVSEYLKK	AGAP008822-PA	-	48	0.000197507	1	1124.582	-1.19	Male reproductive organs	3R:+:18560701-18560727	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_45493	FDSSFDR	AGAP008822-PA	-	33	0.00101962	2	873.374	0.77	Pupa	3R:+:18543440-18543450,18560351-18560360	exon=> In CDS Exon 1 and 2 of transcript AGAP008822-PA
JHU_Ag_59533	VDVVSVPEGCTVK	AGAP008822-PA	C10(Carbamidomethyl)	41	0.00139	2	1388.709	0.24	Pupa	3R:+:18543341-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_60050	DQPFTFQLGAGQVIK	AGAP008822-PA	-	98	1.83E-09	2	1648.873	2.23	Pupa	3R:+:18560361-18560405	exon=> In CDS Exon 2 of transcript AGAP008822-PA
JHU_Ag_65594	NGYISHDEFSGPK	AGAP008822-PA	N1(Deamidated)	80	8.13E-08	1	1451.643	-0.39	Pupa	3R:+:18560836-18560874	exon=> In CDS Exon 3 of transcript AGAP008822-PA

JHU_Ag_69388	DQPFTFQLGAGQVIK	AGAP008822-PA	-	92	8.32E-09	1	1648.868	-0.65	Midgut	3R:+:18560361-18560405	exon=> In CDS Exon 2 of transcript AGAP008822-PA
JHU_Ag_69627	DQPFTFQLGAGQVIK	AGAP008822-PA	-	129	1.36E-12	1	1648.877	4.68	Larva	3R:+:18560361-18560405	exon=> In CDS Exon 2 of transcript AGAP008822-PA
JHU_Ag_81934	FDSSFDRDQPFTFQLGAGQVIK	AGAP008822-PA	-	114	5.91E-11	1	2503.230	1.9	Midgut	3R:+:18543440-18543450,18560351-18560405	exon=> In CDS Exon 1 and 2 of transcript AGAP008822-PA
JHU_Ag_85664	LKVDVVSVPEGCTVK	AGAP008822-PA	C12(Carbamidomethyl)	52	5.62E-05	2	1629.893	2.7	Salivary gland	3R:+:18543335-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_87637	LVEEIFQHEDKDK	AGAP008822-PA	-	49	0.000211542	1	1629.808	-2.64	Midgut	3R:+:18560797-18560835	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_88794	GWDQGLTDMCVGEK	AGAP008822-PA	M9(Oxidation), C10(Carbamidomethyl)	65	1.54E-06	2	1611.679	0.86	Male reproductive organs	3R:+:18560406-18560439,18560519-18560526	exon=> In CDS Exon 2 and 3 of transcript AGAP008822-PA
JHU_Ag_88872	GWDQGLTDMCVGEK	AGAP008822-PA	M9(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	87	1.11E-08	2	1595.686	1.66	Pupa	3R:+:18560406-18560439,18560519-18560526	exon=> In CDS Exon 2 and 3 of transcript AGAP008822-PA
JHU_Ag_90240	LKVDVVSVPEGCTVK	AGAP008822-PA	C12(Carbamidomethyl)	79	9.13E-08	1	1629.896	4.65	Larva	3R:+:18543335-18543379	exon=> In CDS Exon 1 of transcript AGAP008822-PA
JHU_Ag_100853	DQPFTFQLGAGQVIK	AGAP008822-PA	-	52	7.88E-05	2	1648.870	0.09	Head	3R:+:18560361-18560405	exon=> In CDS Exon 2 of transcript AGAP008822-PA
JHU_Ag_104598	FDSSFDRDQPFTFQLGAGQVIK	AGAP008822-PA	-	63	7.07E-06	1	2503.232	2.55	Salivary gland	3R:+:18543440-18543450,18560351-18560405	exon=> In CDS Exon 1 and 2 of transcript AGAP008822-PA
JHU_Ag_106505	EEVSEYLKK	AGAP008822-PA	-	40	0.001097949	1	1124.582	-1.09	Midgut	3R:+:18560701-18560727	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_111263	NGYISHDEFSGPK	AGAP008822-PA	N1(Deamidated)	70	8.11E-07	1	1451.641	-2.07	Midgut	3R:+:18560836-18560874	exon=> In CDS Exon 3 of transcript AGAP008822-PA
JHU_Ag_115817	FDSSFDR	AGAP008822-PA	-	37	0.000467808	2	873.376	2.59	Larva	3R:+:18543440-18543450,18560351-18560360	exon=> In CDS Exon 1 and 2 of transcript AGAP008822-PA
JHU_Ag_96693	HLSVLAR	AGAP008824-PA,AGAP008825-PA,AGAP008823-PA,AGAP012545-PA	-	36	0.001189488	2	795.483	-0.4	Head	3R:+:18815447-18815467;3R:+:18903960-18903980;3R:+:18667808-18667828;UNKN:-:14190372-14190352	exon=> In CDS Exon 2 of transcript AGAP008824-PA;exon=> In CDS Exon 1 of transcript AGAP008825-PA;exon=> In CDS Exon 2 of transcript AGAP008823-PA;exon=> In CDS Exon 1 of transcript AGAP012545-PA
JHU_Ag_2736	THSGEKPYVCEVCDKGFAR	AGAP008827-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	46	0.000265109	1	2240.031	4.02	Malpighian tubule	3R:+:19093685-19093717,19093802-19093825	exon=> In CDS Exon 7 and 8 of transcript AGAP008827-PA
JHU_Ag_9006	IHTGEKPYK	AGAP008827-PA,AGAP006701-PB,AGAP006701-PA,AGAP006701-PC	-	35	0.004951359	1	1072.585	5.56	Malpighian tubule	3R:+:19093529-19093554,19093627-19093627;2L:-:37017071-37017045;2L:-:37017071-37017045;2L:-:37017071-37017045	exon=> In CDS Exon 6 and 7 of transcript AGAP008827-PA;exon=> In CDS Exon 1 of transcript AGAP006701-PB;exon=> In CDS Exon 1 of transcript AGAP006701-PA;exon=> In CDS Exon 1 of transcript AGAP006701-PC
JHU_Ag_107265	AVGLLDGDIFGPSVPR	AGAP008828-PA	-	78	1.46E-07	1	1612.874	2.65	Head	3R:-:19098603-19098556	exon=> In CDS Exon 1 of transcript AGAP008828-PA
JHU_Ag_2157	DSIER	AGAP008830-PA	-	34	0.008301733	1	619.305	0.62	Head	3R:-:19102486-19102472	exon=> In CDS Exon 7 of transcript AGAP008830-PA

JHU_Ag_11466	TAGGLYQALSER	AGAP008830-PA	-	40	0.001602699	2	1265.649	0.09	Ovary	3R:-:19101363-19101328	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_16612	DYYTLNHYAQLNAENASK	AGAP008830-PA	-	34	0.005818936	1	2114.976	-0.78	Head	3R:-:19102218-19102165	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_17554	TAGGLYQALSER	AGAP008830-PA	-	81	1.01E-07	2	1265.650	0.96	Head	3R:-:19101363-19101328	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_25197	TPLASWESGLDASR	AGAP008830-PA	-	61	1.21E-05	2	1489.728	-0.02	Male reproductive organs	3R:-:19103978-19103937	exon=> In CDS Exon 4 of transcript AGAP008830-PA
JHU_Ag_27479	QIYGAPLGGIGAGTIGR	AGAP008830-PA	-	39	0.001214596	2	1600.882	0.69	Male reproductive organs	3R:-:19111325-19111275	exon=> In CDS Exon 2 of transcript AGAP008830-PA
JHU_Ag_35748	SGDAGPQISDYALNNYGK	AGAP008830-PA	-	64	5.38E-06	1	1869.870	4.35	Ovary	3R:-:19103244-19103191	exon=> In CDS Exon 5 of transcript AGAP008830-PA
JHU_Ag_36971	SGDAGPQISDYALNNYGK	AGAP008830-PA	-	115	4.25E-11	1	1869.860	-1	Male reproductive organs	3R:-:19103244-19103191	exon=> In CDS Exon 5 of transcript AGAP008830-PA
JHU_Ag_40527	SGDAGPQISDYALNNYGK	AGAP008830-PA	-	138	2.04E-13	1	1869.862	0.5	Head	3R:-:19103244-19103191	exon=> In CDS Exon 5 of transcript AGAP008830-PA
JHU_Ag_43701	TPLASWESGLDASR	AGAP008830-PA	-	79	2.04E-07	2	1489.729	0.31	Ovary	3R:-:19103978-19103937	exon=> In CDS Exon 4 of transcript AGAP008830-PA
JHU_Ag_44469	FCGGQLGAVNGYVPSGQPNK	AGAP008830-PA	C2(Carbamidomethyl)	77	3.32E-07	1	2049.980	-0.68	Head	3R:-:19101534-19101475	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_49265	DYYTLNHYAQLNAENASK	AGAP008830-PA	-	110	1.51E-10	1	2114.974	-1.72	Male reproductive organs	3R:-:19102218-19102165	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_50870	LIDEWQRPILEDADLPDWYK	AGAP008830-PA	-	79	1.84E-07	1	2515.260	3.97	Ovary	3R:-:19103181-19103399,19102845-19103055	exon=> In CDS Exon 6 and 5 of transcript AGAP008830-PA
JHU_Ag_61586	TAGGLYQALSER	AGAP008830-PA	-	84	5.51E-08	2	1265.649	0.48	Male reproductive organs	3R:-:19101363-19101328	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_75632	TPLASWESGLDASR	AGAP008830-PA	-	81	1.25E-07	2	1489.735	4.82	Malpighian tubule	3R:-:19103978-19103937	exon=> In CDS Exon 4 of transcript AGAP008830-PA
JHU_Ag_76681	SGDAGPQISDYALNNYGK	AGAP008830-PA	-	45	0.000363233	2	1869.861	-0.02	Midgut	3R:-:19103244-19103191	exon=> In CDS Exon 5 of transcript AGAP008830-PA
JHU_Ag_84335	VYLMDALTYLK	AGAP008830-PA	-	50	0.000113931	2	1329.715	2.02	Head	3R:-:19102005-19101973	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_93924	VYLMDALTYLK	AGAP008830-PA	-	40	0.001243294	2	1329.712	0	Midgut	3R:-:19102005-19101973	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_94966	IGMNFETPEAVYAER	AGAP008830-PA	-	45	0.000428862	2	1726.824	7.5	Ovary	3R:-:19101327-19101283	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_96649	FILQVYR	AGAP008830-PA	-	39	0.000646502	2	938.546	0.11	Male reproductive organs	3R:-:19102239-19102219	exon=> In CDS Exon 8 of transcript AGAP008830-PA
JHU_Ag_100342	LIDEWQRPILEDADLPDWYK	AGAP008830-PA	-	123	7.74E-12	1	2515.253	1.06	Male reproductive organs	3R:-:19103181-19103399,19102845-19103055	exon=> In CDS Exon 6 and 5 of transcript AGAP008830-PA
JHU_Ag_102906	QILSMVPLALR	AGAP008830-PA	M5(Oxidation)	51	4.18E-05	2	1256.745	4.64	Malpighian tubule	3R:-:19117537-19117648,19111135-19111404	exon=> In CDS Exon 2 and 1 of transcript AGAP008830-PA
JHU_Ag_21695	ATYNNAHWLLSHIR	AGAP008831-PA	N-Term(Acetyl)	32	0.009451076	1	1737.890	4.31	Head	3R:-:19123174-19123133	exon=> In CDS Exon 1 of transcript AGAP008831-PA
JHU_Ag_8038	TPVDSLLVIYR	AGAP008834-PB,AGAP008834-PA	-	91	4.71E-09	1	1275.731	0.19	Head	3R:+:19280087-19280119;3R:+:19280087-19280119	exon=> In CDS Exon 2 of transcript AGAP008834-PB;exon=> In CDS Exon 2 of transcript AGAP008834-PA
JHU_Ag_106648	SQGAMGINPLGSTFGQDACK	AGAP008834-PB,AGAP008834-PA	M5(Oxidation), C19(Carbamidomethyl)	48	0.000161135	2	2054.924	-1.46	Head	3R:+:19280027-19280086;3R:+:19280027-19280086	exon=> In CDS Exon 2 of transcript AGAP008834-PB;exon=> In CDS Exon 2 of transcript AGAP008834-PA
JHU_Ag_62011	QLLQIK	AGAP008836-PA	Q1(Deamidated), Q4(Deamidated)	41	0.000393694	1	744.450	-0.35	Head	3R:-:19286166-19286149	exon=> In CDS Exon 2 of transcript AGAP008836-PA

JHU_Ag_102764	QLLQIK	AGAP008836-PA	Q1(Deamidated), Q4(Deamidated)	41	0.000687081	1	744.459	11.7	Male reproductive organs	3R:-:19286166-19286149	exon=> In CDS Exon 2 of transcript AGAP008836-PA
JHU_Ag_22	GVTEIHKR	AGAP008837-PA	-	40	0.000443855	2	939.541	3.98	Malpighian tubule	3R:+:19289627-19289650	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_4549	EAYEIFR	AGAP008837-PA	-	35	0.002677235	1	927.456	-0.92	Midgut	3R:+:19289603-19289623	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_4991	VSDNLMLATMGEAGDRVQFTEYISK	AGAP008837-PA	M6(Oxidation), M10(Oxidation)	98	2.17E-09	1	2807.333	3.68	Malpighian tubule	3R:+:19289252-19289326	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_5525	RLILNLPNFK	AGAP008837-PA	-	38	0.000226656	1	1227.758	0.79	Malpighian tubule	3R:+:19289648-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_5612	EAYEIFR	AGAP008837-PA	-	33	0.004149936	1	927.456	-1.58	Head	3R:+:19289603-19289623	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_5622	HGAHGYGGMFVNSIFDR	AGAP008837-PA	M9(Oxidation)	77	2.35E-07	1	1880.857	3.91	Malpighian tubule	3R:+:19289525-19289575	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_7921	AAAHFTR	AGAP008837-PA	-	34	0.006233421	1	773.406	0.54	Midgut	3R:+:19289375-19289395	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_8801	VAVIDKDGVK	AGAP008837-PA	-	39	0.001172541	2	1043.608	-1.46	Ovary	3R:+:19289678-19289707	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_11287	RLILNLPNFK	AGAP008837-PA	-	45	5.06E-05	1	1227.758	0.89	Ovary	3R:+:19289648-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_11946	VQFTEYISK	AGAP008837-PA	-	45	0.000319454	2	1114.578	0	Male reproductive organs	3R:+:19289300-19289326	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_13534	YLDDITPDSLK	AGAP008837-PA	-	69	2.15E-06	1	1279.642	-0.02	Midgut	3R:+:19289708-19289740	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_17401	AAAHFTR	AGAP008837-PA	-	49	0.000190727	1	773.404	-1.51	Head	3R:+:19289375-19289395	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_17759	VQFTEYISK	AGAP008837-PA	-	61	8.84E-06	1	1114.580	1.53	Ovary	3R:+:19289300-19289326	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_22486	HGAHGYGGMFVNSIFDR	AGAP008837-PA	M9(Oxidation)	82	7.12E-08	1	1880.849	-0.25	Midgut	3R:+:19289525-19289575	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_23500	LILNLPNFK	AGAP008837-PA	-	45	0.000177988	2	1071.656	-0.08	Midgut	3R:+:19289651-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_24954	LILNLPNFK	AGAP008837-PA	-	49	8.33E-05	1	1071.656	-0.08	Male reproductive organs	3R:+:19289651-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_25676	LILNLPNFK	AGAP008837-PA	-	34	0.002235588	2	1071.656	0.26	Head	3R:+:19289651-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_27783	HGAHGYGGMFVNSIFDR	AGAP008837-PA	M9(Oxidation)	41	0.00091758	1	1880.850	-0.06	Head	3R:+:19289525-19289575	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_28859	RNLADYLR	AGAP008837-PA	-	37	0.002680008	1	1020.558	-0.2	Ovary	3R:+:19289396-19289419	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_35311	YLDDITPDSLK	AGAP008837-PA	-	47	0.000367049	2	1279.646	3.23	Malpighian tubule	3R:+:19289708-19289740	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_41746	TPYHVNLLVGGYDEVDGPQLHYIDYLANSLPVK	AGAP008837-PA	-	54	3.55E-05	1	3699.888	5.04	Malpighian tubule	3R:+:19289426-19289524	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_43292	VAVIDKDGVK	AGAP008837-PA	-	51	7.18E-05	2	1043.609	-0.41	Midgut	3R:+:19289678-19289707	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_46723	NLADYLR	AGAP008837-PA	-	36	0.003800527	1	864.457	-0.45	Midgut	3R:+:19289399-19289419	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_48916	TPYHVNLLVGGYDEVDGPQLHYIDYLANSLPVK	AGAP008837-PA	-	87	1.42E-08	1	3699.900	8.29	Ovary	3R:+:19289426-19289524	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_52187	YLDDITPDSLKQASAA	AGAP008837-PA	-	42	0.001217667	2	1707.849	3.16	Malpighian tubule	3R:+:19289708-19289755	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_53385	LILNLPNFK	AGAP008837-PA	-	53	3.34E-05	1	1071.657	0.49	Ovary	3R:+:19289651-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_54458	YLDDITPDSLK	AGAP008837-PA	-	67	3.16E-06	1	1279.642	0.17	Ovary	3R:+:19289708-19289740	exon=> In CDS Exon 2 of transcript AGAP008837-PA

JHU_Ag_59694	YLDDITPDSLK	AGAP008837-PA	-	64	6.43E-06	1	1279.642	0.17	Male reproductive organs	3R:+:19289708-19289740	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_60631	LILNLPNFK	AGAP008837-PA	-	45	0.000109912	2	1071.658	1.28	Salivary gland	3R:+:19289651-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_61383	AAAHFTR	AGAP008837-PA	-	42	0.000864423	2	773.406	1.01	Malpighian tubule	3R:+:19289375-19289395	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_65429	LILNLPNFK	AGAP008837-PA	-	57	7.00E-06	1	1071.658	1.4	Malpighian tubule	3R:+:19289651-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_68212	NGYELGPK	AGAP008837-PA	N1(Deamidated)	53	9.90E-05	2	878.427	1.67	Ovary	3R:+:19289351-19289374	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_72277	HGAHGYGGMFVNSIFDR	AGAP008837-PA	M9(Oxidation)	100	1.14E-09	1	1880.851	0.52	Ovary	3R:+:19289525-19289575	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_76208	EAYEIFRK	AGAP008837-PA	-	42	0.00054132	1	1055.555	3	Malpighian tubule	3R:+:19289603-19289626	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_78464	LILNLPNFK	AGAP008837-PA	-	45	0.000205775	1	1071.656	-0.54	Visceras	3R:+:19289651-19289677	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_80401	NILLYR	AGAP008837-PA	-	28	0.00854413	1	791.477	-1.16	Head	3R:+:19289327-19289344	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_82962	DDEDKILK	AGAP008837-PA	-	41	0.001582916	1	975.499	-0.43	Ovary	3R:+:19289104-19289107,19289232-19289251	exon=> In CDS Exon 1 and 2 of transcript AGAP008837-PA
JHU_Ag_85141	YLDDITPDSLK	AGAP008837-PA	-	62	9.29E-06	1	1279.643	1.22	Visceras	3R:+:19289708-19289740	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_98025	VSDNLMLATMGEAGDRVQFTEYISK	AGAP008837-PA	M6(Oxidation), M10(Oxidation)	168	2.14E-16	1	2807.330	2.64	Ovary	3R:+:19289252-19289326	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_98724	EAYEIFRK	AGAP008837-PA	-	34	0.003475987	1	1055.553	0.91	Male reproductive organs	3R:+:19289603-19289626	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_104720	GVTEIHKR	AGAP008837-PA	-	50	6.48E-05	2	939.536	-1.22	Male reproductive organs	3R:+:19289627-19289650	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_106873	SRTPYHVNLLVGGYDEVDGPQLHYIDYLANSLPVK	AGAP008837-PA	-	143	2.60E-14	1	3943.015	3.22	Malpighian tubule	3R:+:19289420-19289524	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_109133	NGYELGPK	AGAP008837-PA	N1(Deamidated)	42	0.000961896	1	878.425	-0.62	Male reproductive organs	3R:+:19289351-19289374	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_109701	VAVIDKDGVK	AGAP008837-PA	-	58	1.57E-05	2	1043.610	0.18	Malpighian tubule	3R:+:19289678-19289707	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_110405	VSDNLMLATMGEAGDRVQFTEYISK	AGAP008837-PA	M6(Oxidation), M10(Oxidation)	78	1.94E-07	1	2807.313	-3.36	Midgut	3R:+:19289252-19289326	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_112036	AAAHFTR	AGAP008837-PA	-	42	0.001001674	2	773.406	0.7	Ovary	3R:+:19289375-19289395	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_114906	YLDDITPDSLK	AGAP008837-PA	-	57	3.55E-05	1	1279.643	1.32	Head	3R:+:19289708-19289740	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_115941	NGYELGPK	AGAP008837-PA	-	42	0.000920815	1	877.440	-1.29	Midgut	3R:+:19289351-19289374	exon=> In CDS Exon 2 of transcript AGAP008837-PA
JHU_Ag_14064	IPYHLSFVQGPPEGGDKK	AGAP008838-PA	-	87	2.16E-08	1	1969.022	1.97	Malpighian tubule	3R:-:19291883-19291830	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_16530	IPYHLSFVQGPPEGGDKK	AGAP008838-PA	-	64	4.06E-06	1	1969.023	2.47	Larva	3R:-:19291883-19291830	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_26743	HAQPALLYLVPACLGTPLLLAVLK	AGAP008838-PA	C13(Carbamidomethyl)	45	1.42E-05	1	2571.516	2.33	Ovary	3R:-:19291328-19291257	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_30363	IPYHLSFVQGPPEGGDK	AGAP008838-PA	-	118	2.56E-11	1	1840.922	-0.6	Salivary gland	3R:-:19291883-19291833	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_41975	TPSTPEGMALAYGTLVVMALLPIFFGSMR	AGAP008838-PA	M8(Oxidation), M18(Oxidation), M28(Oxidation)	52	6.60E-05	1	3118.575	2.91	Larva	3R:-:19292231-19292145	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_45990	HAQPALLYLVPACLGTPLLLAVLK	AGAP008838-PA	C13(Carbamidomethyl)	47	1.34E-05	3	2571.508	-0.52	Midgut	3R:-:19291328-19291257	exon=> In CDS Exon 1 of transcript AGAP008838-PA

JHU_Ag_68369	TGEKPDTMSSK	AGAP008838-PA	M8(Oxidation)	33	0.005546204	1	1196.544	-1.91	Malpighian tubule	3R:-:19292102-19292070	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_93475	IPYHLSFVQGPPEGGDKK	AGAP008838-PA	-	108	2.04E-10	1	1969.017	-0.32	Male reproductive organs	3R:-:19291883-19291830	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_108206	IPYHLSFVQGPPEGGDKK	AGAP008838-PA	-	85	4.38E-08	1	1969.015	-1.31	Midgut	3R:-:19291883-19291830	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_110522	IPYHLSFVQGPPEGGDKK	AGAP008838-PA	-	119	1.54E-11	1	1969.019	0.62	Salivary gland	3R:-:19291883-19291830	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_113386	SFEAPIK	AGAP008838-PA	-	47	0.000269567	1	791.429	-1.09	Midgut	3R:-:19291565-19291545	exon=> In CDS Exon 1 of transcript AGAP008838-PA
JHU_Ag_7374	YDLALR	AGAP008839-PA	-	35	0.003351399	1	750.415	0.87	Malpighian tubule	3R:-:19295022-19295005	exon=> In CDS Exon 2 of transcript AGAP008839-PA
JHU_Ag_94913	YDLALR	AGAP008839-PA	-	49	0.000127541	2	750.414	-0.67	Head	3R:-:19295022-19295005	exon=> In CDS Exon 2 of transcript AGAP008839-PA
JHU_Ag_7745	TDVKGSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	157	1.98E-16	1	2304.338	3.96	Malpighian tubule	3R:-:19308372-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_14801	QIVGVSDITENR	AGAP008842-PA	-	64	6.64E-06	2	1330.696	-0.07	Male reproductive organs	3R:-:19327143-19327108	exon=> In CDS Exon 2 of transcript AGAP008842-PA
JHU_Ag_21653	QIVGVSDITENR	AGAP008842-PA	-	52	9.65E-05	2	1330.697	0.58	Visceras	3R:-:19327143-19327108	exon=> In CDS Exon 2 of transcript AGAP008842-PA
JHU_Ag_25496	GAFYIVSQCIGAIAGAAVIK	AGAP008842-PA	C9(Carbamidomethyl)	111	5.85E-11	1	2009.088	-0.51	Midgut	3R:-:19313308-19313249	exon=> In CDS Exon 3 of transcript AGAP008842-PA
JHU_Ag_28904	YTGASMNPAR	AGAP008842-PA	M6(Oxidation)	70	9.38E-07	2	1083.489	-0.11	Midgut	3R:-:19308190-19308161	exon=> In CDS Exon 5 of transcript AGAP008842-PA
JHU_Ag_48332	GSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	30	0.000849655	1	1861.093	1.51	Pupa	3R:-:19308360-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_54361	GSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	42	7.01E-05	1	1861.091	0.14	Ovary	3R:-:19308360-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_57030	GSAPLAIGLSITAGHLAAIKYTGASMNPAR	AGAP008842-PA	M26(Oxidation)	112	3.02E-11	1	2925.581	6.73	Malpighian tubule	3R:-:19308360-19308516,19308116-19308161	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_57215	YTGASMNPAR	AGAP008842-PA	M6(Oxidation)	70	1.29E-06	2	1067.494	0.5	Malpighian tubule	3R:-:19308190-19308161	exon=> In CDS Exon 5 of transcript AGAP008842-PA
JHU_Ag_58468	QIVGVSDITENR	AGAP008842-PA	-	107	3.26E-10	1	1330.700	2.96	Malpighian tubule	3R:-:19327143-19327108	exon=> In CDS Exon 2 of transcript AGAP008842-PA
JHU_Ag_60851	TESAGVK	AGAP008842-PA	N-Term(Acetyl)	42	0.001632842	1	733.373	0.98	Malpighian tubule	3R:-:19344481-19344484,19326958-19327144	exon=> In CDS Exon 2 and 1 of transcript AGAP008842-PA
JHU_Ag_61769	QIVGVSDITENRNIWR	AGAP008842-PA	-	60	1.14E-05	1	1900.012	4.48	Malpighian tubule	3R:-:19327143-19327096	exon=> In CDS Exon 2 of transcript AGAP008842-PA
JHU_Ag_73256	GSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	49	9.96E-06	1	1861.096	2.99	Head	3R:-:19308360-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_75833	GSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	140	1.10E-14	1	1861.091	0.11	Midgut	3R:-:19308360-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_80546	KGDEESNSYDF	AGAP008842-PA	-	29	0.001754249	1	1290.513	0.68	Malpighian tubule	3R:-:19307928-19307896	exon=> In CDS Exon 6 of transcript AGAP008842-PA
JHU_Ag_80710	GSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	89	1.25E-09	1	1861.094	1.81	Malpighian tubule	3R:-:19308360-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_89372	QIVGVSDITENR	AGAP008842-PA	-	65	5.20E-06	1	1330.697	0.76	Salivary gland	3R:-:19327143-19327108	exon=> In CDS Exon 2 of transcript AGAP008842-PA

JHU_Ag_93482	GSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	31	0.000757563	1	1861.096	2.89	Salivary gland	3R:-:19308360-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_94632	KGDEESNSYDF	AGAP008842-PA	-	39	0.000170252	1	1290.512	0.21	Male reproductive organs	3R:-:19307928-19307896	exon=> In CDS Exon 6 of transcript AGAP008842-PA
JHU_Ag_96565	QIVGVSDITENR	AGAP008842-PA	Q1(Deamidated)	77	3.33E-07	2	1330.695	-0.8	Midgut	3R:-:19327143-19327108	exon=> In CDS Exon 2 of transcript AGAP008842-PA
JHU_Ag_102706	GSAPLAIGLSITAGHLAAIKYTGASMNPAR	AGAP008842-PA	M26(Oxidation)	38	0.000666957	1	2925.574	4.27	Midgut	3R:-:19308360-19308516,19308116-19308161	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_107184	TDVKGSAPLAIGLSITAGHLAAIK	AGAP008842-PA	-	135	4.15E-14	1	2304.326	-1.13	Midgut	3R:-:19308372-19308516,19308116-19308191	exon=> In CDS Exon 5 and 4 of transcript AGAP008842-PA
JHU_Ag_116520	TESAGVK	AGAP008842-PA	N-Term(Acetyl)	42	0.001060911	1	733.372	-0.6	Midgut	3R:-:19344481-19344484,19326958-19327144	exon=> In CDS Exon 2 and 1 of transcript AGAP008842-PA
JHU_Ag_9106	SSGLWR	AGAP008843-PA	-	46	0.000536409	2	705.368	-0.31	Midgut	3R:+:19376148-19376165	exon=> In CDS Exon 1 of transcript AGAP008843-PA
JHU_Ag_14478	APTASDASER	AGAP008843-PA	-	81	8.68E-08	1	1004.464	-0.4	Midgut	3R:+:19377473-19377502	exon=> In CDS Exon 4 of transcript AGAP008843-PA
JHU_Ag_34547	APTASDASER	AGAP008843-PA	-	70	1.16E-06	1	1004.465	0.14	Malpighian tubule	3R:+:19377473-19377502	exon=> In CDS Exon 4 of transcript AGAP008843-PA
JHU_Ag_42104	SSGLWR	AGAP008843-PA	-	35	0.005760976	1	705.368	-0.14	Malpighian tubule	3R:+:19376148-19376165	exon=> In CDS Exon 1 of transcript AGAP008843-PA
JHU_Ag_42718	SFQNGLGNTGLK	AGAP008843-PA	N4(Deamidated)	62	1.10E-05	1	1235.640	1.92	Malpighian tubule	3R:+:19377042-19377077	exon=> In CDS Exon 3 of transcript AGAP008843-PA
JHU_Ag_42910	SFQNGLGNTGLK	AGAP008843-PA	N4(Deamidated)	91	1.35E-08	1	1235.638	-0.15	Midgut	3R:+:19377042-19377077	exon=> In CDS Exon 3 of transcript AGAP008843-PA
JHU_Ag_51036	SFQNGLGNTGLK	AGAP008843-PA	N4(Deamidated)	60	1.51E-05	2	1235.640	1.72	Salivary gland	3R:+:19377042-19377077	exon=> In CDS Exon 3 of transcript AGAP008843-PA
JHU_Ag_57027	FVAPLAIGLTVTLGHLGVVEYTGSSMNPAR	AGAP008843-PA	M26(Oxidation)	80	6.40E-08	1	3086.631	-1.04	Midgut	3R:+:19377183-19377272	exon=> In CDS Exon 3 of transcript AGAP008843-PA
JHU_Ag_64599	SFQNGLGNTGLK	AGAP008843-PA	-	91	1.36E-08	1	1235.639	0.84	Head	3R:+:19377042-19377077	exon=> In CDS Exon 3 of transcript AGAP008843-PA
JHU_Ag_85592	SFQNGLGNTGLK	AGAP008843-PA	N4(Deamidated)	37	0.002956907	2	1236.626	3.1	Larva	3R:+:19377042-19377077	exon=> In CDS Exon 3 of transcript AGAP008843-PA
JHU_Ag_92919	ALMYVAAQCAGAVAATTALDVLIPK	AGAP008843-PA	M3(Oxidation), C9(Carbamidomethyl),C9(Carbamidomethyl)	60	8.68E-06	3	2518.339	-0.9	Midgut	3R:+:19376967-19377041	exon=> In CDS Exon 3 of transcript AGAP008843-PA
JHU_Ag_39277	LIAEFIFR	AGAP008844-PA	-	66	9.35E-07	2	1008.588	0.69	Midgut	3R:-:19381999-19381976	exon=> In CDS Exon 1 of transcript AGAP008844-PA
JHU_Ag_69741	EEVASPLSFNLHR	AGAP008844-PA	-	46	0.000358202	2	1498.764	-0.48	Male reproductive organs	3R:-:19382647-19382609	exon=> In CDS Exon 1 of transcript AGAP008844-PA
JHU_Ag_54836	VYAVEASNLAR	AGAP008846-PA	-	77	2.95E-07	2	1192.632	-0.4	Ovary	3R:+:19390843-19390875	exon=> In CDS Exon 2 of transcript AGAP008846-PA
JHU_Ag_41578	LLIGLK	AGAP008847-PA	-	21	0.007874854	1	656.472	1.8	Midgut	3R:-:19391912-19391895	exon=> In CDS Exon 4 of transcript AGAP008847-PA
JHU_Ag_43709	TESLLLR	AGAP008848-PA	-	39	0.001721512	1	831.493	-0.53	Midgut	3R:-:19396686-19396666	exon=> In CDS Exon 13 of transcript AGAP008848-PA
JHU_Ag_83069	TESLLLR	AGAP008848-PA	-	34	0.004383521	1	831.497	3.88	Head	3R:-:19396686-19396666	exon=> In CDS Exon 13 of transcript AGAP008848-PA
JHU_Ag_103986	TESLLLR	AGAP008848-PA	-	36	0.002435764	1	831.496	3	Visceras	3R:-:19396686-19396666	exon=> In CDS Exon 13 of transcript AGAP008848-PA
JHU_Ag_1972	KLINHPK	AGAP008849-PA	-	34	0.000910055	2	849.531	0.76	Salivary gland	3R:-:19412373-19412353	exon=> In CDS Exon 5 of transcript AGAP008849-PA

JHU_Ag_2427	VLVCDAVDNACVK	AGAP008849-PA	C4(Carbamidomethyl), C11(Carbamidomethyl)	73	7.65E-07	1	1462.705	1.66	Malpighian tubule	3R:-:19417228-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_3430	NLISTATLAK	AGAP008849-PA	-	37	0.000872994	1	1031.609	-0.32	Midgut	3R:-:19412626-19412978,19412331-19412521	exon=> In CDS Exon 5 and 4 of transcript AGAP008849-PA
JHU_Ag_4955	AGAGVDNINIEAATR	AGAP008849-PA	-	134	4.57E-13	1	1471.748	-1.07	Ovary	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_6457	VLVCDAVDNACVK	AGAP008849-PA	C4(Carbamidomethyl), C11(Carbamidomethyl)	78	2.14E-07	2	1462.702	-0.34	Pupa	3R:-:19417228-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_7023	AGAGVDNINIEAATR	AGAP008849-PA	-	94	4.83E-09	1	1471.751	0.84	Visceras	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_7714	NLISTATLAK	AGAP008849-PA	-	43	0.000246466	1	1031.609	-0.27	Pupa	3R:-:19412626-19412978,19412331-19412521	exon=> In CDS Exon 5 and 4 of transcript AGAP008849-PA
JHU_Ag_9964	VLVCDAVDNACVK	AGAP008849-PA	C4(Carbamidomethyl), C11(Carbamidomethyl)	88	2.12E-08	1	1462.705	1.08	Salivary gland	3R:-:19417228-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_11190	NYDALIVR	AGAP008849-PA	-	59	1.81E-05	2	963.525	-0.48	Ovary	3R:-:19414840-19414817	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_12412	NLISTATLAK	AGAP008849-PA	-	43	0.000247749	1	1031.608	-1.69	Ovary	3R:-:19412626-19412978,19412331-19412521	exon=> In CDS Exon 5 and 4 of transcript AGAP008849-PA
JHU_Ag_12432	NYDALIVR	AGAP008849-PA	-	52	9.40E-05	2	963.525	-1.37	Pupa	3R:-:19414840-19414817	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_15441	KLYSGSELYGK	AGAP008849-PA	-	68	2.52E-06	1	1244.653	0.38	Pupa	3R:-:19412863-19412831	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_17600	STVYTQYAGVVNR	AGAP008849-PA	-	100	1.39E-09	2	1457.740	1.16	Midgut	3R:-:19412172-19412134	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_18137	TLAILGLGR	AGAP008849-PA	-	51	2.62E-05	2	913.581	-2.59	Male reproductive organs	3R:-:19412830-19412804	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_18842	AGAGVDNINIEAATR	AGAP008849-PA	-	121	1.03E-11	1	1471.749	-0.57	Pupa	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_23377	VVATPHLGASTSEAQVR	AGAP008849-PA	-	81	8.27E-08	1	1722.909	-2.29	Ovary	3R:-:19412352-19412549,19412110-19412218	exon=> In CDS Exon 6 and 5 of transcript AGAP008849-PA
JHU_Ag_29177	NLISTATLAK	AGAP008849-PA	-	39	0.000628063	2	1031.610	0.44	Salivary gland	3R:-:19412626-19412978,19412331-19412521	exon=> In CDS Exon 5 and 4 of transcript AGAP008849-PA
JHU_Ag_30429	VLVCDAVDNACVK	AGAP008849-PA	C4(Carbamidomethyl), C11(Carbamidomethyl)	85	4.09E-08	1	1462.701	-1.09	Male reproductive organs	3R:-:19417228-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_30697	STVYTQYAGVVNR	AGAP008849-PA	-	89	1.70E-08	1	1457.742	2.25	Salivary gland	3R:-:19412172-19412134	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_37849	LLQDHGIQVDYK	AGAP008849-PA	-	79	1.57E-07	1	1428.748	-0.16	Pupa	3R:-:19417189-19417249,19416983-19417022	exon=> In CDS Exon 2 and 1 of transcript AGAP008849-PA
JHU_Ag_39781	RVLVCDAVDNACVK	AGAP008849-PA	C5(Carbamidomethyl), C12(Carbamidomethyl)	47	0.000334514	1	1618.807	2	Midgut	3R:-:19417231-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_42373	STVYTQYAGVVNRDVLK	AGAP008849-PA	-	59	1.05E-05	1	1913.022	5.03	Malpighian tubule	3R:-:19412172-19412122	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_43184	VAVEVAEQFIALTGK	AGAP008849-PA	-	113	3.57E-11	1	1574.879	0.1	Midgut	3R:-:19412217-19412173	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_49289	KLINHPK	AGAP008849-PA	-	36	0.000598505	2	849.531	0.18	Male reproductive organs	3R:-:19412373-19412353	exon=> In CDS Exon 5 of transcript AGAP008849-PA
JHU_Ag_51169	STVYTQYAGVVNR	AGAP008849-PA	-	91	1.17E-08	1	1457.739	0.32	Ovary	3R:-:19412172-19412134	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_51680	AGAGVDNINIEAATR	AGAP008849-PA	-	121	9.09E-12	1	1471.749	-0.4	Male reproductive organs	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA

JHU_Ag_52089	TLAILGLGR	AGAP008849-PA	-	52	2.29E-05	2	913.581	-2.06	Ovary	3R:-:19412830-19412804	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_65136	NYDALIVR	AGAP008849-PA	-	50	0.000164483	1	963.525	-0.97	Midgut	3R:-:19414840-19414817	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_65451	VVATPHLGASTSEAQVR	AGAP008849-PA	-	99	1.11E-09	1	1722.917	1.83	Head	3R:-:19412352-19412549,19412110-19412218	exon=> In CDS Exon 6 and 5 of transcript AGAP008849-PA
JHU_Ag_65593	AGAGVDNINIEAATR	AGAP008849-PA	-	116	3.06E-11	1	1471.752	1.67	Malpighian tubule	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_67146	VVATPHLGASTSEAQVR	AGAP008849-PA	-	126	2.79E-12	1	1722.913	-0.23	Midgut	3R:-:19412352-19412549,19412110-19412218	exon=> In CDS Exon 6 and 5 of transcript AGAP008849-PA
JHU_Ag_67946	VAVEVAEQFIALTGK	AGAP008849-PA	-	87	1.46E-08	2	1574.879	-0.13	Head	3R:-:19412217-19412173	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_68400	LLQDHGIQVDYK	AGAP008849-PA	-	57	1.98E-05	1	1428.746	-1.71	Ovary	3R:-:19417189-19417249,19416983-19417022	exon=> In CDS Exon 2 and 1 of transcript AGAP008849-PA
JHU_Ag_71959	LLQDHGIQVDYK	AGAP008849-PA	-	98	1.87E-09	1	1428.747	-1.01	Midgut	3R:-:19417189-19417249,19416983-19417022	exon=> In CDS Exon 2 and 1 of transcript AGAP008849-PA
JHU_Ag_73105	VLVCDAVDNACVK	AGAP008849-PA	C4(Carbamidomethyl), C11(Carbamidomethyl)	84	5.48E-08	1	1462.700	-2.18	Ovary	3R:-:19417228-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_76086	VAVEVAEQFIALTGK	AGAP008849-PA	-	108	9.04E-11	1	1574.886	4.36	Salivary gland	3R:-:19412217-19412173	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_76410	STVYTQYAGVVNR	AGAP008849-PA	-	97	2.50E-09	2	1457.738	0.07	Pupa	3R:-:19412172-19412134	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_78573	ITAEILDAGAGR	AGAP008849-PA	-	113	6.99E-11	2	1186.644	1.27	Pupa	3R:-:19414804-19414769	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_79466	VAVEVAEQFIALTGK	AGAP008849-PA	-	93	3.32E-09	1	1574.875	-2.2	Ovary	3R:-:19412217-19412173	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_80807	KLYSGSELYGK	AGAP008849-PA	-	67	2.96E-06	2	1244.654	1.75	Malpighian tubule	3R:-:19412863-19412831	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_81526	AGAGVDNINIEAATR	AGAP008849-PA	-	119	1.57E-11	1	1471.751	0.76	Head	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_81712	ITAEILDAGAGR	AGAP008849-PA	-	120	1.52E-11	2	1186.643	-0.06	Midgut	3R:-:19414804-19414769	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_83215	STVYTQYAGVVNR	AGAP008849-PA	-	95	4.23E-09	1	1457.739	0.57	Male reproductive organs	3R:-:19412172-19412134	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_83457	VVATPHLGASTSEAQVR	AGAP008849-PA	-	32	0.005905698	1	1722.915	0.69	Malpighian tubule	3R:-:19412352-19412549,19412110-19412218	exon=> In CDS Exon 6 and 5 of transcript AGAP008849-PA
JHU_Ag_85154	MELEQIWPLADYITVHTPLIPATR	AGAP008849-PA	M1(Oxidation)	104	3.50E-10	1	2823.476	0.34	Midgut	3R:-:19412698-19412627	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_86699	AGAGVDNINIEAATR	AGAP008849-PA	-	67	2.16E-06	1	1471.751	0.84	Midgut	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_90954	ITAEILDAGAGR	AGAP008849-PA	-	97	2.94E-09	1	1186.640	-1.92	Ovary	3R:-:19414804-19414769	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_91158	AGAGVDNINIEAATR	AGAP008849-PA	-	107	2.79E-10	1	1471.754	2.58	Salivary gland	3R:-:19414750-19414706	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_91286	ITAEILDAGAGR	AGAP008849-PA	-	90	1.29E-08	1	1186.642	-0.48	Male reproductive organs	3R:-:19414804-19414769	exon=> In CDS Exon 3 of transcript AGAP008849-PA
JHU_Ag_91579	TLAILGLGR	AGAP008849-PA	-	45	0.000115216	2	913.583	-0.25	Visceras	3R:-:19412830-19412804	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_93063	VAVEVAEQFIALTGK	AGAP008849-PA	-	114	2.46E-11	1	1574.884	3.12	Pupa	3R:-:19412217-19412173	exon=> In CDS Exon 6 of transcript AGAP008849-PA

JHU_Ag_97444	VLVCDAVDNACVK	AGAP008849-PA	C4(Carbamidomethyl), C11(Carbamidomethyl)	61	1.17E-05	2	1462.706	1.91	Midgut	3R:-:19417228-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_97499	LLQDHGIQVDYK	AGAP008849-PA	-	57	2.64E-05	2	1428.750	1.04	Head	3R:-:19417189-19417249,19416983-19417022	exon=> In CDS Exon 2 and 1 of transcript AGAP008849-PA
JHU_Ag_98168	VLVCDAVDNACVK	AGAP008849-PA	C4(Carbamidomethyl), C11(Carbamidomethyl)	67	3.04E-06	2	1462.703	0.33	Head	3R:-:19417228-19417190	exon=> In CDS Exon 1 of transcript AGAP008849-PA
JHU_Ag_98492	LYSGSELYGK	AGAP008849-PA	-	57	2.65E-05	2	1116.557	-0.12	Midgut	3R:-:19412860-19412831	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_101266	TLAILGLGR	AGAP008849-PA	-	75	1.06E-07	1	913.582	-0.92	Pupa	3R:-:19412830-19412804	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_103196	LSQDELIK	AGAP008849-PA	-	48	0.000260773	2	945.526	0.53	Pupa	3R:-:19417015-19416992	exon=> In CDS Exon 2 of transcript AGAP008849-PA
JHU_Ag_104633	LLQDHGIQVDYK	AGAP008849-PA	-	76	2.45E-07	1	1428.747	-1.1	Salivary gland	3R:-:19417189-19417249,19416983-19417022	exon=> In CDS Exon 2 and 1 of transcript AGAP008849-PA
JHU_Ag_111126	TLAILGLGR	AGAP008849-PA	-	59	4.57E-06	1	913.583	0.48	Midgut	3R:-:19412830-19412804	exon=> In CDS Exon 4 of transcript AGAP008849-PA
JHU_Ag_111523	STVYTQYAGVVNR	AGAP008849-PA	-	90	1.50E-08	1	1457.740	1.24	Head	3R:-:19412172-19412134	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_116477	VAVEVAEQFIALTGK	AGAP008849-PA	-	113	3.36E-11	1	1574.886	4.21	Malpighian tubule	3R:-:19412217-19412173	exon=> In CDS Exon 6 of transcript AGAP008849-PA
JHU_Ag_18939	TLFHNPEVNALPTGYEK	AGAP008850-PA	-	89	1.93E-08	1	1929.968	-1.11	Male reproductive organs	3R:-:19419004-19418954	exon=> In CDS Exon 1 of transcript AGAP008850-PA
JHU_Ag_20283	FIEYEYLR	AGAP008850-PA	-	52	0.000105874	2	1132.568	0.38	Male reproductive organs	3R:-:19419067-19419044	exon=> In CDS Exon 1 of transcript AGAP008850-PA
JHU_Ag_11646	SSAQQQLDETTQHQLSNLHTK	AGAP008854-PA	-	86	3.82E-08	1	2394.172	3.18	Malpighian tubule	3R:-:19483881-19483819	exon=> In CDS Exon 3 of transcript AGAP008854-PA
JHU_Ag_19378	ILLLSQHHAEDGTTK	AGAP008854-PA	-	49	0.000162784	1	1662.878	-1.83	Head	3R:-:19484041-19483997	exon=> In CDS Exon 2 of transcript AGAP008854-PA
JHU_Ag_32009	AEFEYNQLQGQLAVVQR	AGAP008854-PA	-	51	0.000101011	2	1993.026	6.25	Malpighian tubule	3R:-:19484461-19484411	exon=> In CDS Exon 1 of transcript AGAP008854-PA
JHU_Ag_39451	AEFEYNQLQGQLAVVQR	AGAP008854-PA	-	83	8.43E-08	2	1993.017	1.47	Salivary gland	3R:-:19484461-19484411	exon=> In CDS Exon 1 of transcript AGAP008854-PA
JHU_Ag_73963	APMGQQEEQLIATAFYR	AGAP008854-PA	M3(Oxidation)	64	6.04E-06	1	1968.960	5.66	Malpighian tubule	3R:-:19483536-19483486	exon=> In CDS Exon 4 of transcript AGAP008854-PA
JHU_Ag_82800	NSINTAATSLDVK	AGAP008854-PA	-	40	0.001447628	2	1333.699	2.66	Malpighian tubule	3R:-:19485142-19485104	exon=> In CDS Exon 1 of transcript AGAP008854-PA
JHU_Ag_95400	LLQLILGCAVNCLEK	AGAP008854-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)	54	2.93E-05	2	1743.952	1.59	Head	3R:-:19485295-19485251	exon=> In CDS Exon 1 of transcript AGAP008854-PA
JHU_Ag_541	FQQETIALIGR	AGAP008857-PA	-	49	0.000115431	2	1275.704	-1.25	Midgut	3R:-:19629935-19629903	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_5552	RTVDEKPIVVGAEAQLHR	AGAP008857-PA	-	117	1.07E-11	1	2018.113	-0.47	Male reproductive organs	3R:-:19629770-19629717	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_31855	TVDEKPIVVGAEAQLHR	AGAP008857-PA	-	85	2.42E-08	1	1862.015	0.73	Male reproductive organs	3R:-:19629767-19629717	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_36495	SLSWEIVPGAYPR	AGAP008857-PA	-	72	9.73E-07	2	1474.771	1.17	Male reproductive organs	3R:-:19629824-19629786	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_38159	SLSWEIVPGAYPR	AGAP008857-PA	-	60	1.57E-05	2	1474.769	0.26	Midgut	3R:-:19629824-19629786	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_51198	TVDEKPIVVGAEAQLHR	AGAP008857-PA	-	106	1.82E-10	1	1862.009	-2.12	Head	3R:-:19629767-19629717	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_59912	TVDEKPIVVGAEAQLHR	AGAP008857-PA	-	85	1.84E-08	1	1862.020	3.49	Ovary	3R:-:19629767-19629717	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_81312	SLSWEIVPGAYPR	AGAP008857-PA	-	65	4.51E-06	2	1474.770	0.84	Head	3R:-:19629824-19629786	exon=> In CDS Exon 3 of transcript AGAP008857-PA

JHU_Ag_102443	TVDEKPIVVGAEAQLHR	AGAP008857-PA	-	64	2.92E-06	1	1862.007	-3.4	Midgut	3R:-:19629767-19629717	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_115065	FQQETIALIGR	AGAP008857-PA	-	62	6.67E-06	1	1275.706	0.47	Ovary	3R:-:19629935-19629903	exon=> In CDS Exon 3 of transcript AGAP008857-PA
JHU_Ag_38591	LIIPK	AGAP008857-PA,AGAP002737-PA	-	27	0.001808918	1	583.418	-0.22	Pupa	3R:-:19629785-19629771;2R:+:26369121-26369135	exon=> In CDS Exon 3 of transcript AGAP008857-PA;exon=> In CDS Exon 4 of transcript AGAP002737-PA
JHU_Ag_34159	VPAYIGQSDEHEVNDRPFR	AGAP008859-PA	-	56	3.88E-05	1	2229.067	-0.64	Head	3R:-:19651641-19651585	exon=> In CDS Exon 7 of transcript AGAP008859-PA
JHU_Ag_13527	EGGHPSCGGSIISPDWILTAAHCLEGVSADQVSIR	AGAP008861-PA	C7(Carbamidomethyl), C23(Carbamidomethyl)	39	0.001514321	1	3676.761	3.52	Malpighian tubule	3R:-:19868801-19868697	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_19290	AQIVGGFPIDISEAPYQISLR	AGAP008861-PA	-	137	2.03E-13	1	2274.211	-0.76	Midgut	3R:-:19868864-19868802	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_32744	ATFLPIVHR	AGAP008861-PA	-	49	4.31E-05	1	1053.618	-1.98	Midgut	3R:-:19868435-19868409	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_32908	RAQIVGGFPIDISEAPYQISLR	AGAP008861-PA	-	115	2.31E-11	1	2430.313	-0.49	Midgut	3R:-:19868867-19868802	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_33493	EGGHPSCGGSIISPDWILTAAHCLEGVSADQVSIR	AGAP008861-PA	C7(Carbamidomethyl), C23(Carbamidomethyl)	241	1.02E-23	1	3676.738	-2.73	Midgut	3R:-:19868801-19868697	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_35596	ALVSGWGK	AGAP008861-PA	-	46	0.000389526	2	817.457	0.15	Midgut	3R:-:19868495-19868472	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_41197	FHSALILR	AGAP008861-PA	-	55	1.69E-05	1	956.568	0.55	Midgut	3R:-:19868459-19868436	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_49352	ALVSGWGK	AGAP008861-PA	-	37	0.002738065	1	817.457	0.91	Visceras	3R:-:19868495-19868472	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_67281	AQIVGGFPIDISEAPYQISLR	AGAP008861-PA	-	104	4.21E-10	1	2274.220	2.89	Visceras	3R:-:19868864-19868802	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_89163	ATFLPIVHR	AGAP008861-PA	-	35	0.000964162	1	1053.619	-1.39	Salivary gland	3R:-:19868435-19868409	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_102441	ATFLPIVHRDNCQK	AGAP008861-PA	C12(Carbamidomethyl)	59	1.66E-05	1	1698.882	4.13	Malpighian tubule	3R:-:19868435-19868394	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_103198	RAQIVGGFPIDISEAPYQISLR	AGAP008861-PA	-	120	5.48E-12	1	2430.325	4.56	Malpighian tubule	3R:-:19868867-19868802	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_108012	AQIVGGFPIDISEAPYQISLR	AGAP008861-PA	-	79	1.19E-07	1	2274.225	5.36	Malpighian tubule	3R:-:19868864-19868802	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_111723	FHSALILR	AGAP008861-PA	-	42	0.000680029	1	956.566	-1.49	Visceras	3R:-:19868459-19868436	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_117491	TLNRFHSALILR	AGAP008861-PA	-	58	4.24E-06	1	1440.846	1.77	Malpighian tubule	3R:-:19868471-19868436	exon=> In CDS Exon 2 of transcript AGAP008861-PA
JHU_Ag_15	DVFGTAYTFDGHILLLPK	AGAP008862-PA	-	37	0.002015222	1	2007.059	0.31	Ovary	3R:-:19880345-19880292	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_207	SIIESSSSIGGSNNDSANATSQNLDSGYR	AGAP008862-PA	-	54	3.66E-05	3	2931.324	1.53	Malpighian tubule	3R:-:19880975-19880889	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_695	QLPPENITSGGGVVGSAGPNVDYTR	AGAP008862-PA	-	51	0.00013905	2	2485.243	4.56	Ovary	3R:-:19877608-19877534	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_4257	QWMLLYTQR	AGAP008862-PA	-	38	0.002367569	2	1238.636	0.97	Ovary	3R:-:19877491-19877465	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_6140	FSPDILQQLSYK	AGAP008862-PA	-	76	2.71E-07	1	1438.762	2.83	Ovary	3R:-:19876549-19876514	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_7531	IRPGTQIVVIICPTSR	AGAP008862-PA	C12(Carbamidomethyl)	53	1.71E-05	1	1810.041	2.07	Ovary	3R:-:19877326-19877279	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_7668	GIFLYTVDFSPPIDAKR	AGAP008862-PA	-	55	3.34E-05	1	1939.033	0.49	Ovary	3R:-:19880426-19880376	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_10500	VQQQMSQNVAFYNK	AGAP008862-PA	M5(Oxidation)	84	5.28E-08	1	1700.808	1.26	Ovary	3R:-:19880210-19880169	exon=> In CDS Exon 1 of transcript AGAP008862-PA

JHU_Ag_12470	MPAESLNDKLFYL	AGAP008862-PA	-	33	0.007639963	1	1540.774	1.82	Ovary	3R:-:19876313-19876275	exon=> In CDS Exon 3 of transcript AGAP008862-PA
JHU_Ag_14798	LLSQAAPTAATVEPPADTTVPISSATSGAGTASIKDSDAR	AGAP008862-PA	-	82	3.94E-08	1	3825.950	3.88	Malpighian tubule	3R:-:19880708-19880589	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_18870	ITFIVVQK	AGAP008862-PA	-	42	0.000116347	2	947.593	0.05	Ovary	3R:-:19876768-19876745	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_23536	FKLTSQHPTEGTPVTLSVVFR	AGAP008862-PA	-	35	0.001350395	1	2344.291	10.43	Malpighian tubule	3R:-:19880273-19880211	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_23700	LLSQAAPTAATVEPPADTTVPISSATSGAGTASIKDSDAR	AGAP008862-PA	-	31	0.005449266	1	3825.933	-0.52	Ovary	3R:-:19880708-19880589	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_32502	SNSVAAFVGSLDAAFTHWYSR	AGAP008862-PA	-	107	3.55E-10	1	2286.108	6.25	Ovary	3R:-:19877050-19876988	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_39265	SIIESSSSIGGSNNDSANATSQNLDSGYR	AGAP008862-PA	-	60	1.16E-05	2	2931.326	2.05	Ovary	3R:-:19880975-19880889	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_47389	LLSQAAPTAATVEPPADTTVPISSATSGAGTASIK	AGAP008862-PA	-	53	3.24E-05	1	3281.716	1.49	Ovary	3R:-:19880708-19880604	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_48139	GIFLYTVDFSPPIDAK	AGAP008862-PA	-	52	7.35E-05	1	1782.934	1.29	Ovary	3R:-:19880426-19880379	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_51049	LTSQHPTEGTPVTLSVVFR	AGAP008862-PA	-	38	0.001095193	1	2069.110	3.41	Malpighian tubule	3R:-:19880267-19880211	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_51486	LVQPDYEPK	AGAP008862-PA	-	46	0.000570247	2	1088.562	-0.1	Ovary	3R:-:19876795-19876769	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_51902	SLLGAVVLTR	AGAP008862-PA	-	25	0.006814322	1	1028.652	5.91	Malpighian tubule	3R:-:19879910-19879881	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_53969	ILCTEVPIPSQVINAR	AGAP008862-PA	C3(Carbamidomethyl)	62	2.92E-06	2	1809.999	5.31	Malpighian tubule	3R:-:19877251-19877204	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_56581	LAYLVGQSVK	AGAP008862-PA	-	58	5.68E-06	2	1077.630	-0.58	Ovary	3R:-:19876346-19876317	exon=> In CDS Exon 3 of transcript AGAP008862-PA
JHU_Ag_58046	EQYGLEIKDHQQPLLLNR	AGAP008862-PA	-	56	1.99E-05	1	2194.162	0.34	Ovary	3R:-:19879775-19879722	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_62806	TLQAYQR	AGAP008862-PA	-	51	0.000128561	2	879.470	2.01	Malpighian tubule	3R:-:19876927-19876907	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_64477	KEEILNGLCVSLEK	AGAP008862-PA	C9(Carbamidomethyl)	87	2.55E-08	2	1631.869	0.89	Ovary	3R:-:19876969-19876928	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_74125	EGNPLHLMGNFMELK	AGAP008862-PA	-	66	3.74E-06	1	1729.840	0.15	Ovary	3R:-:19880486-19880442	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_78767	LTSQHPTEGTPVTLSVVFR	AGAP008862-PA	-	89	1.18E-08	1	2069.100	-1.22	Ovary	3R:-:19880267-19880211	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_83186	GGGDGDGQANAPPGTVLDNTVTRR	AGAP008862-PA	-	59	2.13E-05	1	2325.122	1.8	Ovary	3R:-:19876711-19876640	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_83695	NCHLPDR	AGAP008862-PA	C2(Carbamidomethyl)	28	0.009469794	1	911.415	0.16	Ovary	3R:-:19876903-19876883	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_89359	ALEQERFK	AGAP008862-PA	-	46	0.000383955	1	1020.550	2.72	Malpighian tubule	3R:-:19880291-19880268	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_89963	QLPPENITSGGGVVGSAGPNVDYTR	AGAP008862-PA	-	43	0.000693857	2	2485.246	5.55	Malpighian tubule	3R:-:19877608-19877534	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_91439	QVTNNPMLEIVHIR	AGAP008862-PA	M7(Oxidation)	35	0.00314135	1	1679.896	3.77	Ovary	3R:-:19877533-19877492	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_92689	SLLGAVVLTR	AGAP008862-PA	-	71	2.21E-07	1	1028.650	4.01	Ovary	3R:-:19879910-19879881	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_98069	LAYLVGQSVKR	AGAP008862-PA	-	33	0.001564266	2	1233.736	3.51	Malpighian tubule	3R:-:19876346-19876314	exon=> In CDS Exon 3 of transcript AGAP008862-PA
JHU_Ag_101954	ILCTEVPIPSQVINAR	AGAP008862-PA	C3(Carbamidomethyl)	51	4.34E-05	2	1809.992	1.74	Ovary	3R:-:19877251-19877204	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_103241	TMICGIDTYHEAK	AGAP008862-PA	C4(Carbamidomethyl)	52	6.88E-05	1	1538.696	-1.05	Ovary	3R:-:19877095-19877057	exon=> In CDS Exon 2 of transcript AGAP008862-PA

JHU_Ag_105801	IDDVCFDTNPLSTFR	AGAP008862-PA	C5(Carbamidomethyl)	109	1.27E-10	1	1799.828	0.54	Ovary	3R:-:19879859-19879815	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_107896	LGGSLWGVR	AGAP008862-PA	-	77	2.60E-07	2	944.531	-0.37	Ovary	3R:-:19877137-19877111	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_108079	GGGDGDGQANAPPGTVLDNTVTR	AGAP008862-PA	-	165	4.58E-16	1	2169.022	2.41	Ovary	3R:-:19876711-19876643	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_108143	VLLQMNCK	AGAP008862-PA	M5(Oxidation), C7(Carbamidomethyl)	47	0.000431332	1	1021.520	2.99	Ovary	3R:-:19877161-19877138	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_110857	VLMQTTVYTHIK	AGAP008862-PA	M3(Oxidation)	81	9.26E-08	1	1449.776	-0.53	Ovary	3R:-:19879994-19879959	exon=> In CDS Exon 1 of transcript AGAP008862-PA
JHU_Ag_114675	ITFIVVQKR	AGAP008862-PA	-	45	2.29E-05	1	1103.692	-1.05	Ovary	3R:-:19876768-19876742	exon=> In CDS Exon 2 of transcript AGAP008862-PA
JHU_Ag_1465	VLGELAILYHCQR	AGAP008863-PA	C11(Carbamidomethyl)	60	1.29E-05	1	1571.849	8.25	Salivary gland	3R:-:19892706-19892668	exon=> In CDS Exon 5 of transcript AGAP008863-PA
JHU_Ag_1761	VELVQLAQDK	AGAP008863-PA	-	72	6.23E-07	2	1142.642	-0.08	Salivary gland	3R:-:19885050-19885021	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_9832	DTFNQLISNLDEIR	AGAP008863-PA	-	80	1.70E-07	2	1677.844	-0.09	Salivary gland	3R:-:19885837-19885796	exon=> In CDS Exon 7 of transcript AGAP008863-PA
JHU_Ag_14222	YNDEGVSQR	AGAP008863-PA	-	49	0.000111615	2	1067.472	-3.2	Salivary gland	3R:-:19885789-19885763	exon=> In CDS Exon 7 of transcript AGAP008863-PA
JHU_Ag_17900	DTFNQLISNLDEIR	AGAP008863-PA	-	75	3.99E-07	2	1677.852	4.64	Visceras	3R:-:19885837-19885796	exon=> In CDS Exon 7 of transcript AGAP008863-PA
JHU_Ag_22327	TATITAATDCK	AGAP008863-PA	C10(Carbamidomethyl)	63	7.41E-06	2	1152.556	-0.11	Salivary gland	3R:-:19892667-19892635	exon=> In CDS Exon 5 of transcript AGAP008863-PA
JHU_Ag_30423	FYTACVVEAFDYLHSR	AGAP008863-PA	C5(Carbamidomethyl)	70	1.54E-06	1	1977.915	-0.56	Male reproductive organs	3R:-:19884783-19884736	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_36329	EIMSEANSDFIVK	AGAP008863-PA	M3(Oxidation)	45	0.000386988	2	1498.710	0.52	Salivary gland	3R:-:19884939-19884901	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_38010	GDTFFIISK	AGAP008863-PA	-	42	0.00057009	2	1027.546	0.38	Male reproductive organs	3R:-:19886121-19886095	exon=> In CDS Exon 6 of transcript AGAP008863-PA
JHU_Ag_43824	WFDGFYWEGLR	AGAP008863-PA	-	37	0.002521726	1	1475.677	1.68	Salivary gland	3R:-:19884076-19884044	exon=> In CDS Exon 11 of transcript AGAP008863-PA
JHU_Ag_52219	FYTACVVEAFDYLHSR	AGAP008863-PA	C5(Carbamidomethyl)	51	0.000105516	1	1977.917	0.46	Midgut	3R:-:19884783-19884736	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_68252	DLKPENLLLDVSGYVK	AGAP008863-PA	-	61	5.17E-06	1	1802.993	1.72	Visceras	3R:-:19884720-19884673	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_70830	VISTLGVGGFGR	AGAP008863-PA	-	83	4.05E-08	2	1162.657	-0.69	Salivary gland	3R:-:19885086-19885051	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_74622	DLKPENLLLDVSGYVK	AGAP008863-PA	-	83	3.16E-08	1	1802.986	-2.44	Midgut	3R:-:19884720-19884673	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_77477	ISDVLEECYYQK	AGAP008863-PA	C8(Carbamidomethyl)	67	2.10E-06	2	1546.709	-0.02	Salivary gland	3R:-:19886187-19886152	exon=> In CDS Exon 6 of transcript AGAP008863-PA
JHU_Ag_79991	DLKPENLLLDVSGYVK	AGAP008863-PA	-	71	5.63E-07	1	1802.990	-0.01	Salivary gland	3R:-:19884720-19884673	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_93540	GIDAIEFPR	AGAP008863-PA	-	66	4.08E-06	2	1017.541	4.25	Malpighian tubule	3R:-:19884299-19884273	exon=> In CDS Exon 10 of transcript AGAP008863-PA
JHU_Ag_94313	WFDGFYWEGLR	AGAP008863-PA	-	42	0.000643095	2	1475.673	-0.8	Midgut	3R:-:19884076-19884044	exon=> In CDS Exon 11 of transcript AGAP008863-PA
JHU_Ag_105230	GDTFFIISK	AGAP008863-PA	-	53	4.74E-05	2	1027.545	-0.57	Salivary gland	3R:-:19886121-19886095	exon=> In CDS Exon 6 of transcript AGAP008863-PA
JHU_Ag_109128	DTFNQLISNLDEIR	AGAP008863-PA	-	65	4.62E-06	2	1677.851	4.13	Head	3R:-:19885837-19885796	exon=> In CDS Exon 7 of transcript AGAP008863-PA
JHU_Ag_109423	DLKPENLLLDVSGYVK	AGAP008863-PA	-	38	0.000929593	1	1802.998	4.46	Head	3R:-:19884720-19884673	exon=> In CDS Exon 8 of transcript AGAP008863-PA

JHU_Ag_111915	ALQGDDLR	AGAP008863-PA	-	44	0.000490355	1	887.459	0.49	Salivary gland	3R:-:19886004-19886230,19885758-19885895	exon=> In CDS Exon 7 and 6 of transcript AGAP008863-PA
JHU_Ag_114388	VISTLGVGGFGR	AGAP008863-PA	-	61	5.95E-06	2	1162.656	-1.63	Male reproductive organs	3R:-:19885086-19885051	exon=> In CDS Exon 8 of transcript AGAP008863-PA
JHU_Ag_115859	TLGKGDFFGEK	AGAP008863-PA	-	43	0.000532149	1	1198.615	3.52	Malpighian tubule	3R:-:19886037-19886005	exon=> In CDS Exon 6 of transcript AGAP008863-PA
JHU_Ag_106733	TYNIILK	AGAP008863-PA,AGAP008585-PA	-	43	0.000181218	2	864.518	-0.69	Salivary gland	3R:-:19884320-19884300;3R:-:13297923-13297903	exon=> In CDS Exon 10 of transcript AGAP008863-PA;exon=> In CDS Exon 11 of transcript AGAP008585-PA
JHU_Ag_59704	LVDFGFAK	AGAP008863-PA,AGAP009798-PA	-	41	0.000630218	2	896.487	-0.84	Salivary gland	3R:-:19884672-19884649;3R:-:43565651-43565880,43565216-43565545	exon=> In CDS Exon 8 of transcript AGAP008863-PA;exon=> In CDS Exon 8 and 7 of transcript AGAP009798-PA
JHU_Ag_40269	AQGISAEPQSESSVLELMHVTFPK	AGAP008865-PA	-	49	0.000172638	1	2585.307	5.74	Visceras	3R:-:19988666-19988595	exon=> In CDS Exon 2 of transcript AGAP008865-PA
JHU_Ag_57025	AQGISAEPQSESSVLELMHVTFPK	AGAP008865-PA	M18(Oxidation)	49	0.000173069	1	2601.297	4.05	Salivary gland	3R:-:19988666-19988595	exon=> In CDS Exon 2 of transcript AGAP008865-PA
JHU_Ag_83684	LGTHGGVQR	AGAP008865-PA	-	36	0.001989122	1	924.500	-0.87	Salivary gland	3R:-:19988699-19988673	exon=> In CDS Exon 2 of transcript AGAP008865-PA
JHU_Ag_92393	TSGGATGVSPGGR	AGAP008865-PA	-	41	0.001202724	2	1103.547	2.28	Malpighian tubule	3R:-:19988741-19988703	exon=> In CDS Exon 2 of transcript AGAP008865-PA
JHU_Ag_99449	SHLDKFQSVFR	AGAP008865-PA	-	47	0.000323576	1	1363.709	-1.83	Salivary gland	3R:-:19988774-19988742	exon=> In CDS Exon 2 of transcript AGAP008865-PA
JHU_Ag_1921	VEQLPSPLSVLGEGPHWDVER	AGAP008867-PA	-	110	1.14E-10	2	2344.201	3.17	Pupa	3R:-:20083438-20083453,20083193-20083278	exon=> In CDS Exon 2 and 1 of transcript AGAP008867-PA
JHU_Ag_2908	LPCEQVTSAAFGGPNLDILYVTTAAK	AGAP008867-PA	C3(Carbamidomethyl)	147	2.03E-14	1	2736.403	4.36	Pupa	3R:-:20082161-20082084	exon=> In CDS Exon 5 of transcript AGAP008867-PA
JHU_Ag_9495	TYNATIDGFPVISFIIPVK	AGAP008867-PA	-	108	1.03E-10	1	2095.149	0.59	Pupa	3R:-:20083211-20083300,20082509-20082897	exon=> In CDS Exon 3 and 2 of transcript AGAP008867-PA
JHU_Ag_10564	SPQPAPAGALFAVTGLGVK	AGAP008867-PA	-	103	1.81E-10	1	1781.006	5.59	Larva	3R:-:20082074-20082018	exon=> In CDS Exon 5 of transcript AGAP008867-PA
JHU_Ag_12938	TVGEVEPTMEDNR	AGAP008867-PA	M9(Oxidation)	95	2.43E-09	1	1492.663	3.02	Larva	3R:-:20082806-20082768	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_14682	VEQLPSPLSVLGEGPHWDVER	AGAP008867-PA	Q3(Deamidated)	112	6.17E-11	2	2344.202	3.69	Larva	3R:-:20083438-20083453,20083193-20083278	exon=> In CDS Exon 2 and 1 of transcript AGAP008867-PA
JHU_Ag_14813	EYQVDANGDISGER	AGAP008867-PA	N7(Deamidated)	116	2.23E-11	1	1553.677	3.66	Larva	3R:-:20082539-20082934,20082308-20082436	exon=> In CDS Exon 4 and 3 of transcript AGAP008867-PA
JHU_Ag_19372	VVIDFR	AGAP008867-PA	-	43	0.000305732	2	748.435	-0.83	Pupa	3R:-:20082435-20082418	exon=> In CDS Exon 4 of transcript AGAP008867-PA
JHU_Ag_20050	LGTFYR	AGAP008867-PA	-	34	0.001861959	2	756.406	2.33	Larva	3R:-:20082680-20082663	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_21603	QSLYYNDIYGGSIHR	AGAP008867-PA	N6(Deamidated)	77	2.53E-07	1	1785.860	2.53	Larva	3R:-:20083277-20083233	exon=> In CDS Exon 2 of transcript AGAP008867-PA
JHU_Ag_21915	VEQLPSPLSVLGEGPHWDVER	AGAP008867-PA	-	61	9.47E-06	1	2344.205	4.83	Male reproductive organs	3R:-:20083438-20083453,20083193-20083278	exon=> In CDS Exon 2 and 1 of transcript AGAP008867-PA
JHU_Ag_24910	VNGERPPFVPDGMTIDANGSLYVATFGGSTVYK	AGAP008867-PA	M13(Oxidation), N18(Deamidated),M13(Oxidation)	140	1.13E-13	1	3476.689	5.95	Larva	3R:-:20082417-20082319	exon=> In CDS Exon 4 of transcript AGAP008867-PA

JHU_Ag_25372	TVGEVEPTMEDNRFNDAK	AGAP008867-PA	M9(Oxidation)	80	1.08E-07	1	2067.934	2.3	Larva	3R:-:20082806-20082753	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_35644	VTLVDWDGR	AGAP008867-PA	-	51	0.000149646	2	1060.546	3.95	Larva	3R:-:20082857-20082831	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_35875	VVIDFR	AGAP008867-PA	-	43	0.000328238	2	748.438	3.16	Larva	3R:-:20082435-20082418	exon=> In CDS Exon 4 of transcript AGAP008867-PA
JHU_Ag_39057	HFIIGTDRK	AGAP008867-PA	-	58	1.65E-05	1	1086.607	1.35	Larva	3R:-:20082884-20082858	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_43843	VELEIK	AGAP008867-PA	-	41	0.000600916	1	730.434	-1.25	Pupa	3R:-:20082179-20082162	exon=> In CDS Exon 5 of transcript AGAP008867-PA
JHU_Ag_54137	TGKVELEIK	AGAP008867-PA	-	48	0.000119623	1	1016.601	2.69	Larva	3R:-:20082188-20082162	exon=> In CDS Exon 5 of transcript AGAP008867-PA
JHU_Ag_62368	HFIIGTDR	AGAP008867-PA	-	36	0.003246165	1	958.510	-0.18	Pupa	3R:-:20082884-20082861	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_68555	TVGEVEPTMEDNRFNDAK	AGAP008867-PA	M9(Oxidation)	43	0.000496175	1	2067.928	-0.65	Pupa	3R:-:20082806-20082753	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_69583	VTLVDWDGR	AGAP008867-PA	-	46	0.000568097	2	1060.542	-0.07	Pupa	3R:-:20082857-20082831	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_75852	HFIIGTDR	AGAP008867-PA	-	50	0.000123194	1	958.513	2.77	Larva	3R:-:20082884-20082861	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_76195	EYQVDANGDISGER	AGAP008867-PA	N7(Deamidated)	89	1.11E-08	1	1553.667	-2.94	Pupa	3R:-:20082539-20082934,20082308-20082436	exon=> In CDS Exon 4 and 3 of transcript AGAP008867-PA
JHU_Ag_76241	VELEIK	AGAP008867-PA	-	41	0.001373395	1	730.435	1	Larva	3R:-:20082179-20082162	exon=> In CDS Exon 5 of transcript AGAP008867-PA
JHU_Ag_79470	LPCEQVTSAAFGGPNLDILYVTTAAK	AGAP008867-PA	C3(Carbamidomethyl)	88	1.54E-08	2	2736.408	5.88	Larva	3R:-:20082161-20082084	exon=> In CDS Exon 5 of transcript AGAP008867-PA
JHU_Ag_79988	TYNATIDGFPVISFIIPVK	AGAP008867-PA	-	105	1.99E-10	1	2095.157	4.32	Larva	3R:-:20083211-20083300,20082509-20082897	exon=> In CDS Exon 3 and 2 of transcript AGAP008867-PA
JHU_Ag_91196	GDIFEMR	AGAP008867-PA	M6(Oxidation)	51	4.57E-05	2	883.399	0.75	Larva	3R:-:20082701-20082681	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_92300	TVGEVEPTMEDNR	AGAP008867-PA	M9(Oxidation)	85	2.41E-08	1	1492.658	-0.49	Pupa	3R:-:20082806-20082768	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_94580	QSLYYNDIYGGSIHR	AGAP008867-PA	-	75	4.50E-07	2	1785.859	1.79	Pupa	3R:-:20083277-20083233	exon=> In CDS Exon 2 of transcript AGAP008867-PA
JHU_Ag_108460	KVTLVDWDGR	AGAP008867-PA	-	69	1.62E-06	2	1188.640	2.71	Larva	3R:-:20082860-20082831	exon=> In CDS Exon 3 of transcript AGAP008867-PA
JHU_Ag_116452	GTPMYPVDLS	AGAP008867-PA	M4(Oxidation)	34	0.005045507	1	1095.507	4.12	Larva	3R:-:20082017-20081988	exon=> In CDS Exon 5 of transcript AGAP008867-PA
JHU_Ag_109624	QLEELR	AGAP008873-PA,AGAP012439-PA,AGAP010551-PA,AGAP000610-PA	-	43	0.000916986	2	787.432	1.02	Salivary gland	3R:-:20198427-20198410;UNKN:+:957567-957584;3L::6256254-6256237;X:+:11078473-11078490	exon=> In CDS Exon 13 of transcript AGAP008873-PA;exon=> In CDS Exon 1 of transcript AGAP012439-PA;exon=> In CDS Exon 14 of transcript AGAP010551-PA;exon=> In CDS Exon 1 of transcript AGAP000610-PA
JHU_Ag_17611	LQTSDSDQAR	AGAP008875-PA	-	57	2.59E-05	1	1120.523	-0.07	Salivary gland	3R:+:20234893-20234922	exon=> In CDS Exon 4 of transcript AGAP008875-PA
JHU_Ag_28511	ALVDFGFQQLR	AGAP008875-PA	-	68	1.53E-06	2	1293.704	7.02	Malpighian tubule	3R:+:20235097-20235129	exon=> In CDS Exon 4 of transcript AGAP008875-PA
JHU_Ag_63523	ALSSFLTGATSWSVR	AGAP008875-PA	-	69	1.49E-06	2	1582.825	1.92	Salivary gland	3R:+:20235421-20235465	exon=> In CDS Exon 4 of transcript AGAP008875-PA
JHU_Ag_93414	SIGVALSGLSVVSDK	AGAP008875-PA	-	96	1.37E-09	2	1431.807	1.4	Salivary gland	3R:+:20233353-20233397	exon=> In CDS Exon 2 of transcript AGAP008875-PA

JHU_Ag_98604	VIEVNQAIIENCYGPGR	AGAP008875-PA	C12(Carbamidomethyl)	98	2.86E-09	2	1931.967	1.49	Salivary gland	3R:+:20234053-20234103	exon=> In CDS Exon 3 of transcript AGAP008875-PA
JHU_Ag_110647	LAELQTLLQK	AGAP008875-PA	-	58	6.58E-06	2	1156.695	0.74	Salivary gland	3R:+:20234512-20234541	exon=> In CDS Exon 4 of transcript AGAP008875-PA
JHU_Ag_50482	LEEEFQQGHWGK	AGAP008876-PA	-	63	5.19E-06	1	1487.692	0.34	Male reproductive organs	3R:-:20235957-20235922	exon=> In CDS Exon 4 of transcript AGAP008876-PA
JHU_Ag_55477	VEWAHDIQR	AGAP008876-PA	-	45	0.000430654	1	1153.579	3.34	Male reproductive organs	3R:-:20235921-20235895	exon=> In CDS Exon 4 of transcript AGAP008876-PA
JHU_Ag_63531	SIILTMACADR	AGAP008876-PA	M6(Oxidation), C8(Carbamidomethyl)	52	9.29E-05	2	1266.618	-0.04	Male reproductive organs	3R:-:20236026-20235994	exon=> In CDS Exon 4 of transcript AGAP008876-PA
JHU_Ag_2742	ASAITHK	AGAP008878-PA	-	43	0.000322962	2	727.411	2.06	Head	3R:-:20240047-20240175,20239532-20239679	exon=> In CDS Exon 3 and 2 of transcript AGAP008878-PA
JHU_Ag_55997	ITTPPNAITFNWIAPK	AGAP008878-PA	-	62	4.98E-06	2	1783.976	1.28	Head	3R:-:20239675-20239628	exon=> In CDS Exon 3 of transcript AGAP008878-PA
JHU_Ag_68480	KITTPPNAITFNWIAPK	AGAP008878-PA	-	39	0.000402234	1	1912.069	0.16	Head	3R:-:20239678-20239628	exon=> In CDS Exon 3 of transcript AGAP008878-PA
JHU_Ag_91784	VGETPVGAFDVPPNNNYIQK	AGAP008878-PA	-	68	2.45E-06	1	2159.085	3.55	Head	3R:-:20240128-20240069	exon=> In CDS Exon 2 of transcript AGAP008878-PA
JHU_Ag_110480	ITTPPNAITFNWIAPK	AGAP008878-PA	-	47	0.00013624	2	1783.982	4.56	Visceras	3R:-:20239675-20239628	exon=> In CDS Exon 3 of transcript AGAP008878-PA
JHU_Ag_16568	LNVAQIVEEVK	AGAP008879-PA	-	62	4.19E-06	2	1241.711	0.37	Midgut	3R:+:20253894-20253926	exon=> In CDS Exon 4 of transcript AGAP008879-PA
JHU_Ag_19125	TLQLIGLK	AGAP008879-PA	-	60	1.23E-06	2	885.577	0.63	Salivary gland	3R:+:20254292-20254315	exon=> In CDS Exon 6 of transcript AGAP008879-PA
JHU_Ag_19481	LTLTGDSSMEEVLK	AGAP008879-PA	M9(Oxidation)	78	2.81E-07	1	1538.763	0.55	Salivary gland	3R:+:20253389-20253430	exon=> In CDS Exon 2 of transcript AGAP008879-PA
JHU_Ag_28237	SWDGFKDLIGSAR	AGAP008879-PA	-	101	1.26E-09	1	1451.731	2.19	Salivary gland	3R:+:20253314-20253352	exon=> In CDS Exon 2 of transcript AGAP008879-PA
JHU_Ag_29368	LNVAQIVEEVK	AGAP008879-PA	-	38	0.0011751	2	1241.711	0.86	Head	3R:+:20253894-20253926	exon=> In CDS Exon 4 of transcript AGAP008879-PA
JHU_Ag_46883	NNDGSAWNTFLSTVR	AGAP008879-PA	-	98	2.63E-09	1	1681.799	3.75	Salivary gland	3R:+:20253843-20253887	exon=> In CDS Exon 4 of transcript AGAP008879-PA
JHU_Ag_83112	NNDGSAWNTFLSTVR	AGAP008879-PA	-	100	1.54E-09	2	1681.792	-0.46	Midgut	3R:+:20253843-20253887	exon=> In CDS Exon 4 of transcript AGAP008879-PA
JHU_Ag_91455	LNVAQIVEEVK	AGAP008879-PA	-	39	0.000851285	2	1241.713	2.53	Malpighian tubule	3R:+:20253894-20253926	exon=> In CDS Exon 4 of transcript AGAP008879-PA
JHU_Ag_107952	ADPVGPPTIK	AGAP008879-PA	-	39	0.000640925	2	994.557	-0.21	Salivary gland	3R:+:20253134-20253163	exon=> In CDS Exon 2 of transcript AGAP008879-PA
JHU_Ag_112548	SNFLAEPFDR	AGAP008879-PA	-	52	7.83E-05	1	1195.575	1.02	Salivary gland	3R:+:20253266-20253295	exon=> In CDS Exon 2 of transcript AGAP008879-PA
JHU_Ag_3572	FSESLRGASAPLSK	AGAP008879-PA,AGAP008879-PB	-	38	0.002029401	1	1449.775	3.7	Malpighian tubule	3R:+:20255471-20255512;3R:+:20255471-20255512	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_15153	ILEDVAAGTSGAK	AGAP008879-PA,AGAP008879-PB	-	93	8.02E-09	1	1231.654	0.55	Salivary gland	3R:+:20255513-20255551;3R:+:20255513-20255551	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_17778	ILEDVAAGTSGAK	AGAP008879-PA,AGAP008879-PB	-	98	2.48E-09	2	1231.658	3.92	Malpighian tubule	3R:+:20255513-20255551;3R:+:20255513-20255551	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_43037	FTVTPAYDPIQKE	AGAP008879-PA,AGAP008879-PB	-	70	1.87E-06	1	1508.767	2.21	Salivary gland	3R:+:20255636-20255674;3R:+:20255636-20255674	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_45691	KFTVTPAYDPIQK	AGAP008879-PA,AGAP008879-PB	-	53	4.29E-05	2	1507.816	0.59	Salivary gland	3R:+:20255633-20255671;3R:+:20255633-20255671	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB

JHU_Ag_54827	MNPSNPINIHGGISR	AGAP008879-PA,AGAP008879-PB	M1(Oxidation)	45	0.000617502	1	1622.811	2.69	Malpighian tubule	3R:+:20255417-20255461;3R:+:20255417-20255461	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_77800	GDYLLNSASK	AGAP008879-PA,AGAP008879-PB	-	51	0.000117789	2	1067.536	-0.92	Salivary gland	3R:+:20255113-20255142;3R:+:20255113-20255142	exon=> In CDS Exon 8 of transcript AGAP008879-PA;exon=> In CDS Exon 2 of transcript AGAP008879-PB
JHU_Ag_86857	ANQNTWSPR	AGAP008879-PA,AGAP008879-PB	-	62	4.34E-06	2	1073.513	0.73	Salivary gland	3R:+:20255143-20255169;3R:+:20255143-20255169	exon=> In CDS Exon 8 of transcript AGAP008879-PA;exon=> In CDS Exon 2 of transcript AGAP008879-PB
JHU_Ag_92639	FTVTPAYDPIQK	AGAP008879-PA,AGAP008879-PB	-	63	7.84E-06	1	1379.722	0.82	Salivary gland	3R:+:20255636-20255671;3R:+:20255636-20255671	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_93163	MNPSNPINIHGGISR	AGAP008879-PA,AGAP008879-PB	M1(Oxidation)	96	4.33E-09	2	1622.810	2.02	Salivary gland	3R:+:20255417-20255461;3R:+:20255417-20255461	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_102718	RMNPSNPINIHGGISR	AGAP008879-PA,AGAP008879-PB	M2(Oxidation)	52	7.95E-05	1	1778.911	1.71	Salivary gland	3R:+:20255414-20255461;3R:+:20255414-20255461	exon=> In CDS Exon 9 of transcript AGAP008879-PA;exon=> In CDS Exon 3 of transcript AGAP008879-PB
JHU_Ag_104148	ANQNTWSPR	AGAP008879-PA,AGAP008879-PB	-	53	4.13E-05	1	1073.516	3.58	Malpighian tubule	3R:+:20255143-20255169;3R:+:20255143-20255169	exon=> In CDS Exon 8 of transcript AGAP008879-PA;exon=> In CDS Exon 2 of transcript AGAP008879-PB
JHU_Ag_104746	NLMQELASLHHNNDTVGGLR	AGAP008879-PA,AGAP008879-PB	M3(Oxidation)	92	9.93E-09	1	2235.096	1.13	Salivary gland	3R:+:20255053-20255112;3R:+:20255053-20255112	exon=> In CDS Exon 8 of transcript AGAP008879-PA;exon=> In CDS Exon 2 of transcript AGAP008879-PB
JHU_Ag_14668	TATVTTEDEKDGERPSGK	AGAP008879-PA,AGAP008879-PC	-	64	6.31E-06	1	1920.922	3.61	Salivary gland	3R:+:20249905-20249958;3R:+:20249905-20249958	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_25864	SDEMEPFVTPQPK	AGAP008879-PA,AGAP008879-PC	M4(Oxidation)	37	0.002528611	1	1520.701	4.71	Malpighian tubule	3R:+:20249959-20249997;3R:+:20249959-20249997	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_34413	SDEMEPFVTPQPK	AGAP008879-PA,AGAP008879-PC	M4(Oxidation)	69	1.37E-06	1	1520.694	0.13	Salivary gland	3R:+:20249959-20249997;3R:+:20249959-20249997	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_40901	AGILFVVHIPSAR	AGAP008879-PA,AGAP008879-PC	N-Term(Acetyl)	94	5.21E-10	1	1421.837	7.67	Malpighian tubule	3R:+:20249821-20249859;3R:+:20249821-20249859	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_41228	AGILFVVHIPSARYER	AGAP008879-PA,AGAP008879-PC	N-Term(Acetyl)	89	5.23E-09	1	1870.042	4.48	Malpighian tubule	3R:+:20249821-20249868;3R:+:20249821-20249868	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_69794	AGILFVVHIPSAR	AGAP008879-PA,AGAP008879-PC	N-Term(Acetyl)	45	8.80E-05	2	1421.832	3.81	Ovary	3R:+:20249821-20249859;3R:+:20249821-20249859	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_82506	AGILFVVHIPSAR	AGAP008879-PA,AGAP008879-PC	N-Term(Acetyl)	84	6.96E-09	1	1421.834	5.01	Salivary gland	3R:+:20249821-20249859;3R:+:20249821-20249859	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_94593	AGILFVVHIPSARYER	AGAP008879-PA,AGAP008879-PC	N-Term(Acetyl)	76	1.14E-07	1	1870.034	0.18	Salivary gland	3R:+:20249821-20249868;3R:+:20249821-20249868	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_116200	TATVTTEDEKDGERPSGK	AGAP008879-PA,AGAP008879-PC	-	109	1.91E-10	1	1920.923	4.28	Malpighian tubule	3R:+:20249905-20249958;3R:+:20249905-20249958	exon=> In CDS Exon 1 of transcript AGAP008879-PA;exon=> In CDS Exon 1 of transcript AGAP008879-PC
JHU_Ag_23852	NPLIEVDYFDEHTGEDDGDISDLK	AGAP008882-PA	-	63	5.00E-06	1	2736.226	3.56	Ovary	3R:+:20276520-20276564,20276640-20276666	exon=> In CDS Exon 2 and 3 of transcript AGAP008882-PA
JHU_Ag_35151	SSTAFFSQLQDEVR	AGAP008882-PA	-	82	9.91E-08	2	1614.778	1.46	Ovary	3R:+:20277993-20278034	exon=> In CDS Exon 4 of transcript AGAP008882-PA

JHU_Ag_64351	ATTASPLLAGTQLDLK	AGAP008882-PA	-	49	7.42E-05	2	1599.898	2	Ovary	3R:+:20275741-20275788	exon=> In CDS Exon 1 of transcript AGAP008882-PA
JHU_Ag_68818	LSLAQVYEQDYLK	AGAP008882-PA	-	75	3.55E-07	1	1569.822	4.14	Ovary	3R:+:20277360-20277398	exon=> In CDS Exon 3 of transcript AGAP008882-PA
JHU_Ag_73397	ILTNTPAISMEEVAPVATSDATLLAPEEVHR	AGAP008882-PA	M10(Oxidation)	201	5.78E-20	1	3291.692	4.33	Ovary	3R:+:20277648-20277740	exon=> In CDS Exon 4 of transcript AGAP008882-PA
JHU_Ag_5590	TIPNVQVNVENVER	AGAP008883-PA	-	68	1.97E-06	2	1610.849	-0.58	Midgut	3R:-:20279311-20279270	exon=> In CDS Exon 1 of transcript AGAP008883-PA
JHU_Ag_31421	SNLLLAGFINIVASDSNVYVAEKPDYEVGSK	AGAP008883-PA	-	186	2.13E-18	1	3312.703	0.84	Ovary	3R:-:20279022-20279171,20278708-20278847	exon=> In CDS Exon 3 and 2 of transcript AGAP008883-PA
JHU_Ag_33156	MNFVQENNHVLYLWAGTVGPEIEQEVNAIK	AGAP008883-PA	N-Term(Acetyl), M1(Oxidation)	76	2.51E-07	1	3500.715	-0.16	Ovary	3R:-:20279401-20279312	exon=> In CDS Exon 1 of transcript AGAP008883-PA
JHU_Ag_56512	TIPNVQVNVENVER	AGAP008883-PA	-	62	7.75E-06	1	1610.850	0.41	Ovary	3R:-:20279311-20279270	exon=> In CDS Exon 1 of transcript AGAP008883-PA
JHU_Ag_65216	TIPNVQVNVENVER	AGAP008883-PA	-	61	9.83E-06	1	1610.848	-0.88	Head	3R:-:20279311-20279270	exon=> In CDS Exon 1 of transcript AGAP008883-PA
JHU_Ag_81514	TIPNVQVNVENVER	AGAP008883-PA	-	55	3.90E-05	1	1610.855	3.21	Malpighian tubule	3R:-:20279311-20279270	exon=> In CDS Exon 1 of transcript AGAP008883-PA
JHU_Ag_93324	LDDNEEEERIDDEELLDEDDK	AGAP008883-PA	-	51	3.69E-05	3	2578.096	6.3	Ovary	3R:-:20278798-20278736	exon=> In CDS Exon 3 of transcript AGAP008883-PA
JHU_Ag_98923	SQFDVILAQVATGNSTLVTLLVK	AGAP008883-PA	-	61	1.72E-06	1	2417.359	-2.56	Ovary	3R:-:20279157-20279089	exon=> In CDS Exon 2 of transcript AGAP008883-PA
JHU_Ag_111373	SSCGSCYLGDAFR	AGAP008883-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	48	4.77E-05	2	1479.602	2.22	Malpighian tubule	3R:-:20278527-20278640,20278319-20278409	exon=> In CDS Exon 5 and 4 of transcript AGAP008883-PA
JHU_Ag_28623	NIFAILQSIK	AGAP008885-PA	-	44	6.50E-05	2	1146.691	2.65	Ovary	3R:+:20283615-20283644	exon=> In CDS Exon 3 of transcript AGAP008885-PA
JHU_Ag_91190	KALNMIK	AGAP008886-PA	N4(Deamidated), M5(Oxidation),N4(Deamidated)	46	0.000187 63	2	818.479	-1.53	Salivary gland	3R:+:20285418-20285438	exon=> In CDS Exon 1 of transcript AGAP008886-PA
JHU_Ag_139	KPTEEEDLPAEYLSSSLAQQAQGPAR	AGAP008887-PA	-	45	0.000399 857	3	2815.399	8.83	Malpighian tubule	3R:+:20293362-20293439	exon=> In CDS Exon 3 of transcript AGAP008887-PA
JHU_Ag_1262	IQEQER	AGAP008887-PA	Q4(Deamidated)	36	0.003537 989	2	803.392	3.63	Visceras	3R:+:20294190-20294207	exon=> In CDS Exon 3 of transcript AGAP008887-PA
JHU_Ag_37754	KPTEEEDLPAEYLSSSLAQQAQGPAR	AGAP008887-PA	-	44	0.000629 924	1	2815.377	0.9	Male reproductive organs	3R:+:20293362-20293439	exon=> In CDS Exon 3 of transcript AGAP008887-PA
JHU_Ag_49503	IQEQER	AGAP008887-PA	Q4(Deamidated)	50	0.000165 137	2	803.389	-0.7	Midgut	3R:+:20294190-20294207	exon=> In CDS Exon 3 of transcript AGAP008887-PA
JHU_Ag_65416	KQEYLQYQR	AGAP008887-PA	-	64	4.76E-06	1	1255.637	-4.95	Head	3R:+:20294145-20294171	exon=> In CDS Exon 3 of transcript AGAP008887-PA
JHU_Ag_106567	ANCELFQNLVNTTK	AGAP008887-PA	C3(Carbamidomethyl)	56	4.26E-05	2	1651.812	0.48	Head	3R:+:20287334-20287375	exon=> In CDS Exon 2 of transcript AGAP008887-PA
JHU_Ag_83879	HVDQSPPPRPIVIEKPVPVPVDRPYPVYIEK	AGAP008892-PA	-	31	0.001350 467	1	3560.972	2.66	Malpighian tubule	3R:+:20452866-20452958	exon=> In CDS Exon 2 of transcript AGAP008892-PA
JHU_Ag_41996	HVPYPVK	AGAP008893-PA,AGAP009758-PA,AGAP009759-PA	-	29	0.007694 492	2	839.473	-5.26	Head	3R:+:20471318-20471338;3R:-:42404167-42404147;3R:-:42431258-42431238	exon=> In CDS Exon 1 of transcript AGAP008893-PA;exon=> In CDS Exon 2 of transcript AGAP009758-PA;exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_13700	SSQIDAAIESLDDPELCDVLMK	AGAP008895-PA	C17(Carbamidomethyl), M21(Oxidation)	60	1.54E-05	1	2465.147	1.77	Ovary	3R:+:20501500-20501565	exon=> In CDS Exon 3 of transcript AGAP008895-PA
JHU_Ag_20014	TVLQNAPLMCK	AGAP008895-PA	M9(Oxidation), C10(Carbamidomethyl)	73	9.36E-07	1	1290.655	0.71	Ovary	3R:+:20501407-20501439	exon=> In CDS Exon 3 of transcript AGAP008895-PA

JHU_Ag_39122	DNALSLTLR	AGAP008895-PA	-	50	0.000161336	2	1002.559	1.25	Ovary	3R:+:20501455-20501481	exon=> In CDS Exon 3 of transcript AGAP008895-PA
JHU_Ag_50675	GFEIPSEGSSGHLLTWHEK	AGAP008895-PA	-	37	0.002931509	1	2111.019	-0.3	Midgut	3R:+:20501578-20501634	exon=> In CDS Exon 3 of transcript AGAP008895-PA
JHU_Ag_54621	TVLQNAPLMCK	AGAP008895-PA	M9(Oxidation), C10(Carbamidomethyl)	63	9.46E-06	2	1290.654	-0.04	Midgut	3R:+:20501407-20501439	exon=> In CDS Exon 3 of transcript AGAP008895-PA
JHU_Ag_97746	GFEIPSEGSSGHLLTWHEK	AGAP008895-PA	-	81	1.20E-07	1	2111.019	-0.18	Ovary	3R:+:20501578-20501634	exon=> In CDS Exon 3 of transcript AGAP008895-PA
JHU_Ag_101420	IDVDQYNEDNFK	AGAP008895-PA	-	88	1.38E-08	2	1499.667	1.49	Head	3R:+:20501163-20501198	exon=> In CDS Exon 1 of transcript AGAP008895-PA
JHU_Ag_6053	VVNLTLVDLPGITK	AGAP008896-PA	-	82	6.87E-09	2	1481.900	4.38	Salivary gland	3R:-:20506698-20506657	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_6891	MEALIPVVNK	AGAP008896-PA	N-Term(Acetyl), M1(Oxidation)	55	3.66E-05	2	1171.639	0.22	Salivary gland	3R:-:20507435-20507406	exon=> In CDS Exon 1 of transcript AGAP008896-PA
JHU_Ag_9094	VPVGDQPEDIEAQIKDLVLK	AGAP008896-PA	-	58	9.87E-06	1	2206.198	0.54	Ovary	3R:-:20506656-20506597	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_13199	VPVGDQPEDIEAQIKDLVLK	AGAP008896-PA	-	40	0.000416344	1	2206.207	4.77	Visceras	3R:-:20506656-20506597	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_14976	VPVGDQPEDIEAQIKDLVLK	AGAP008896-PA	-	56	9.11E-06	1	2206.212	6.93	Malpighian tubule	3R:-:20506656-20506597	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_20367	FASAYCSTIEGTSR	AGAP008896-PA	C6(Carbamidomethyl)	55	2.91E-05	1	1549.695	-0.28	Head	3R:-:20506095-20506054	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_21309	DAALVPSLIK	AGAP008896-PA	-	43	0.000244101	2	1026.618	-1.78	Salivary gland	3R:-:20505603-20505574	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_24127	SSVIESLVGRTFLPR	AGAP008896-PA	-	62	2.39E-06	1	1660.946	4.84	Malpighian tubule	3R:-:20506998-20506954	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_26387	DNLQSELVTHLYK	AGAP008896-PA	-	54	6.06E-05	1	1559.809	1.41	Ovary	3R:-:20504005-20503967	exon=> In CDS Exon 4 of transcript AGAP008896-PA
JHU_Ag_27163	NIETTELCGGAR	AGAP008896-PA	C8(Carbamidomethyl)	62	9.88E-06	2	1320.625	2.93	Visceras	3R:-:20506053-20506018	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_28001	VVNLTLVDLPGITK	AGAP008896-PA	-	59	1.28E-06	1	1481.895	0.5	Male reproductive organs	3R:-:20506698-20506657	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_29471	SDSANELLNESDHISIR	AGAP008896-PA	-	54	6.00E-05	1	1899.905	0.09	Salivary gland	3R:-:20503966-20503916	exon=> In CDS Exon 4 of transcript AGAP008896-PA
JHU_Ag_37748	IVDVVTQLLR	AGAP008896-PA	-	55	5.84E-06	2	1155.714	4.01	Ovary	3R:-:20505723-20505694	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_38213	VPVGDQPEDIEAQIK	AGAP008896-PA	-	84	6.07E-08	1	1637.841	1.79	Salivary gland	3R:-:20506656-20506612	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_40373	NIETTELCGGAR	AGAP008896-PA	C8(Carbamidomethyl)	59	1.70E-05	1	1320.624	2.09	Salivary gland	3R:-:20506053-20506018	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_41856	SSVIESLVGR	AGAP008896-PA	-	61	1.07E-05	2	1046.584	-0.42	Ovary	3R:-:20506998-20506969	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_42029	SSVIESLVGR	AGAP008896-PA	-	61	9.47E-06	2	1046.585	0.75	Male reproductive organs	3R:-:20506998-20506969	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_42563	VPVGDQPEDIEAQIKDLVLK	AGAP008896-PA	-	79	7.26E-08	1	2206.203	2.78	Head	3R:-:20506656-20506597	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_42806	RPLVLQLVYTPLDDR	AGAP008896-PA	-	35	0.001049261	1	1798.026	2.16	Visceras	3R:-:20506932-20506888	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_43031	VPVGDQPEDIEAQIK	AGAP008896-PA	-	42	0.000940307	2	1637.843	2.76	Male reproductive organs	3R:-:20506656-20506612	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_46918	VFTDFDEIRSEIENETDR	AGAP008896-PA	-	66	3.48E-06	1	2215.020	2.26	Midgut	3R:-:20506815-20506762	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_49042	RPLVLQLVYTPLDDREHR	AGAP008896-PA	-	68	2.99E-07	1	2220.238	5.89	Malpighian tubule	3R:-:20506932-20506879	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_49341	DAALVPSLIK	AGAP008896-PA	-	35	0.001219171	1	1026.622	2.14	Malpighian tubule	3R:-:20505603-20505574	exon=> In CDS Exon 2 of transcript AGAP008896-PA

JHU_Ag_50707	FASAYCSTIEGTSR	AGAP008896-PA	C6(Carbamidomethyl)	103	5.34E-10	2	1549.696	0.82	Salivary gland	3R:-:20506095-20506054	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_53592	TIDDQLRDEAAYLQR	AGAP008896-PA	-	54	6.94E-05	1	1806.913	8.43	Ovary	3R:-:20506344-20506300	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_56039	ANHIISEIRETHMW	AGAP008896-PA	M13(Oxidation)	48	0.000243325	1	1752.857	4.48	Malpighian tubule	3R:-:20503802-20503761	exon=> In CDS Exon 5 of transcript AGAP008896-PA
JHU_Ag_58391	SAEHGTVAVEEWGR	AGAP008896-PA	-	36	0.00368616	2	1527.720	0.85	Head	3R:-:20506878-20506837	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_61789	ANHIISEIR	AGAP008896-PA	-	63	3.74E-06	1	1052.582	-2.55	Head	3R:-:20503802-20503776	exon=> In CDS Exon 5 of transcript AGAP008896-PA
JHU_Ag_64399	NIETTELCGGAR	AGAP008896-PA	C8(Carbamidomethyl)	64	5.63E-06	2	1320.621	-0.12	Head	3R:-:20506053-20506018	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_66531	MEALIPVVNKLQDVFNTVGSDAIQLPQIVVLGSQSSGK	AGAP008896-PA	N-Term(Acetyl), M1(Oxidation)	124	7.80E-13	1	4053.177	4.64	Malpighian tubule	3R:-:20507435-20507435,20505490-20506999	exon=> In CDS Exon 2 and 1 of transcript AGAP008896-PA
JHU_Ag_66840	IVDVVTQLLR	AGAP008896-PA	-	79	2.28E-08	2	1155.712	2.22	Head	3R:-:20505723-20505694	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_67641	VVNLTLVDLPGITK	AGAP008896-PA	-	80	1.02E-08	2	1481.899	3.8	Visceras	3R:-:20506698-20506657	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_67813	VFTDFDEIRSEIENETDR	AGAP008896-PA	-	74	5.73E-07	1	2215.022	3.25	Ovary	3R:-:20506815-20506762	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_67928	SDSANELLNESDHISIR	AGAP008896-PA	-	62	9.83E-06	1	1899.913	4.33	Malpighian tubule	3R:-:20503966-20503916	exon=> In CDS Exon 4 of transcript AGAP008896-PA
JHU_Ag_70462	DAALVPSLIK	AGAP008896-PA	-	48	8.90E-05	2	1026.620	0.36	Head	3R:-:20505603-20505574	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_71172	TLDSIHPLTGLTK	AGAP008896-PA	-	69	8.58E-07	1	1395.786	0.94	Head	3R:-:20505984-20505946	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_71174	VVNLTLVDLPGITK	AGAP008896-PA	-	94	3.68E-10	1	1481.899	3.63	Head	3R:-:20506698-20506657	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_71497	MEALIPVVNK	AGAP008896-PA	N-Term(Acetyl), M1(Oxidation)	66	3.26E-06	2	1171.641	1.58	Male reproductive organs	3R:-:20507435-20507406	exon=> In CDS Exon 1 of transcript AGAP008896-PA
JHU_Ag_72476	TLDSIHPLTGLTK	AGAP008896-PA	-	50	5.45E-05	2	1395.787	2.25	Salivary gland	3R:-:20505984-20505946	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_74940	SDSANELLNESDHISIR	AGAP008896-PA	-	62	9.32E-06	1	1899.905	0.47	Head	3R:-:20503966-20503916	exon=> In CDS Exon 4 of transcript AGAP008896-PA
JHU_Ag_75004	VPVGDQPEDIEAQIKDLVLK	AGAP008896-PA	-	53	2.66E-05	1	2206.203	2.95	Pupa	3R:-:20506656-20506597	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_75049	SSVIESLVGR	AGAP008896-PA	-	64	4.86E-06	2	1046.587	2.38	Head	3R:-:20506998-20506969	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_77793	NATGPRPALFVPEVSFELLVKR	AGAP008896-PA	-	75	3.13E-08	1	2440.395	9.69	Malpighian tubule	3R:-:20505921-20505856	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_78939	VVNLTLVDLPGITK	AGAP008896-PA	-	76	2.25E-08	2	1481.902	5.69	Malpighian tubule	3R:-:20506698-20506657	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_79039	TIDDQLRDEAAYLQR	AGAP008896-PA	-	89	2.06E-08	1	1806.900	1.3	Visceras	3R:-:20506344-20506300	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_80527	RPLVLQLVYTPLDDREHR	AGAP008896-PA	-	55	9.19E-06	1	2220.224	-0.26	Salivary gland	3R:-:20506932-20506879	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_80534	DNLQSELVTHLYK	AGAP008896-PA	-	52	9.35E-05	1	1559.807	0.23	Male reproductive organs	3R:-:20504005-20503967	exon=> In CDS Exon 4 of transcript AGAP008896-PA
JHU_Ag_81083	VVNLTLVDLPGITK	AGAP008896-PA	-	72	6.89E-08	2	1481.895	0.67	Pupa	3R:-:20506698-20506657	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_83063	IVDVVTQLLR	AGAP008896-PA	-	82	1.15E-08	2	1155.716	5.07	Malpighian tubule	3R:-:20505723-20505694	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_84249	VPVGDQPEDIEAQIK	AGAP008896-PA	-	110	1.60E-10	1	1637.843	2.83	Head	3R:-:20506656-20506612	exon=> In CDS Exon 2 of transcript AGAP008896-PA

JHU_Ag_85491	MDILTAIR	AGAP008896-PA	-	38	0.001667231	2	932.526	2.36	Ovary	3R:-:20505945-20505922	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_92086	SSVIESLVGR	AGAP008896-PA	-	68	1.63E-06	2	1046.589	4.25	Malpighian tubule	3R:-:20506998-20506969	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_96840	LGIIGVMNR	AGAP008896-PA	M7(Oxidation)	73	5.61E-07	2	972.570	4.08	Malpighian tubule	3R:-:20506398-20506372	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_98396	TDSQDQWMAHQTGNPPSR	AGAP008896-PA	-	68	1.11E-06	1	2055.901	3.42	Malpighian tubule	3R:-:20505573-20505520	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_99471	MDILTAIR	AGAP008896-PA	-	56	2.69E-05	2	932.526	2.56	Malpighian tubule	3R:-:20505945-20505922	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_101658	TIDDQLRDEAAYLQR	AGAP008896-PA	-	121	1.46E-11	1	1806.906	4.34	Malpighian tubule	3R:-:20506344-20506300	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_102288	SSVIESLVGR	AGAP008896-PA	-	43	0.000607409	2	1046.585	0.63	Salivary gland	3R:-:20506998-20506969	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_103569	IVDVVTQLLR	AGAP008896-PA	-	76	4.56E-08	2	1155.710	0.11	Salivary gland	3R:-:20505723-20505694	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_103633	RPLVLQLVYTPLDDR	AGAP008896-PA	-	28	0.004919074	2	1798.026	1.99	Malpighian tubule	3R:-:20506932-20506888	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_107303	DNLQSELVTHLYK	AGAP008896-PA	-	61	1.39E-05	1	1559.810	2.35	Head	3R:-:20504005-20503967	exon=> In CDS Exon 4 of transcript AGAP008896-PA
JHU_Ag_107506	RPLVLQLVYTPLDDR	AGAP008896-PA	-	52	2.20E-05	2	1798.025	1.31	Head	3R:-:20506932-20506888	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_109023	RPLVLQLVYTPLDDR	AGAP008896-PA	-	32	0.001971615	1	1798.028	3.17	Salivary gland	3R:-:20506932-20506888	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_110896	VVNLTLVDLPGITK	AGAP008896-PA	-	52	6.82E-06	2	1481.895	0.83	Ovary	3R:-:20506698-20506657	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_111388	SDSANELLNESDHISIR	AGAP008896-PA	-	58	2.41E-05	1	1899.906	0.66	Ovary	3R:-:20503966-20503916	exon=> In CDS Exon 4 of transcript AGAP008896-PA
JHU_Ag_113028	IVDVVTQLLR	AGAP008896-PA	-	88	3.27E-09	2	1155.711	1.48	Visceras	3R:-:20505723-20505694	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_116203	NIETTELCGGAR	AGAP008896-PA	C8(Carbamidomethyl)	77	2.83E-07	2	1320.627	3.94	Malpighian tubule	3R:-:20506053-20506018	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_117550	TIDDQLRDEAAYLQR	AGAP008896-PA	-	79	2.19E-07	1	1806.899	0.73	Head	3R:-:20506344-20506300	exon=> In CDS Exon 2 of transcript AGAP008896-PA
JHU_Ag_86645	YQEYITNLEDETARQAEIEQLR	AGAP008897-PA	-	70	1.65E-06	1	2712.317	2.17	Ovary	3R:+:20513183-20513248	exon=> In CDS Exon 2 of transcript AGAP008897-PA
JHU_Ag_13679	AINQEDFHSESIK	AGAP008898-PA	-	89	1.69E-08	1	1517.721	-1.48	Ovary	3R:+:20515924-20515962	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_23194	HHEEAIAR	AGAP008898-PA	-	37	0.003030524	1	962.479	-1.21	Head	3R:+:20515963-20515986	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_29965	AINQEDFHSESIK	AGAP008898-PA	-	94	5.83E-09	1	1517.723	0.05	Visceras	3R:+:20515924-20515962	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_31367	AINQEDFHSESIK	AGAP008898-PA	-	50	0.000175417	2	1517.740	11.39	Midgut	3R:+:20515924-20515962	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_36870	MEVAHEEEYFYK	AGAP008898-PA	M1(Oxidation)	98	7.86E-10	1	1590.673	-3.3	Midgut	3R:+:20515773-20515808	exon=> In CDS Exon 2 of transcript AGAP008898-PA
JHU_Ag_45526	AINQEDFHSESIK	AGAP008898-PA	-	88	2.55E-08	1	1517.728	3.42	Malpighian tubule	3R:+:20515924-20515962	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_49709	AIEQLKK	AGAP008898-PA	-	36	0.002919482	2	829.513	-0.9	Ovary	3R:+:20515996-20516016	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_62827	MEVAHEEEYFYK	AGAP008898-PA	M1(Oxidation)	82	3.51E-08	1	1590.684	3.92	Malpighian tubule	3R:+:20515773-20515808	exon=> In CDS Exon 2 of transcript AGAP008898-PA
JHU_Ag_66864	AINQEDFHSESIKHHEEAIAR	AGAP008898-PA	-	101	1.26E-09	1	2461.188	1.05	Malpighian tubule	3R:+:20515924-20515986	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_79712	AINQEDFHSESIK	AGAP008898-PA	Q4(Deamidated)	89	1.84E-08	1	1517.726	2.14	Head	3R:+:20515924-20515962	exon=> In CDS Exon 3 of transcript AGAP008898-PA

JHU_Ag_84725	AINQEDFHSESIKHHEEAIAR	AGAP008898-PA	-	108	2.37E-10	1	2461.175	-4.22	Midgut	3R:+:20515924-20515986	exon=> In CDS Exon 3 of transcript AGAP008898-PA
JHU_Ag_87123	MEVAHEEEYFYK	AGAP008898-PA	M1(Oxidation)	86	1.24E-08	1	1590.676	-1.23	Ovary	3R:+:20515773-20515808	exon=> In CDS Exon 2 of transcript AGAP008898-PA
JHU_Ag_95560	QRQEQLAK	AGAP008898-PA	-	40	0.001321001	2	1000.552	-1.04	Head	3R:+:20515809-20515811,20515891-20515911	exon=> In CDS Exon 2 and 3 of transcript AGAP008898-PA
JHU_Ag_116573	MEVAHEEEYFYK	AGAP008898-PA	M1(Oxidation)	94	2.49E-09	1	1574.686	1.74	Head	3R:+:20515773-20515808	exon=> In CDS Exon 2 of transcript AGAP008898-PA
JHU_Ag_15344	IAGIIYLK	AGAP008899-PA	-	28	0.002755318	1	890.570	-1.12	Head	3R:+:20563717-20563740	exon=> In CDS Exon 4 of transcript AGAP008899-PA
JHU_Ag_32232	LTVKNK	AGAP008899-PA	-	30	0.002725198	2	702.454	4.65	Head	3R:+:20564581-20564598	exon=> In CDS Exon 5 of transcript AGAP008899-PA
JHU_Ag_103162	LTVKNK	AGAP008899-PA	-	31	0.002072039	1	702.451	-0.21	Visceras	3R:+:20564581-20564598	exon=> In CDS Exon 5 of transcript AGAP008899-PA
JHU_Ag_31613	LHTGEKPYK	AGAP008901-PA,AGAP007883-PA	-	35	0.004951359	1	1072.585	5.56	Malpighian tubule	3R:-:20582881-20582855;3R:-:2467205-2467179	exon=> In CDS Exon 3 of transcript AGAP008901-PA;exon=> In CDS Exon 2 of transcript AGAP007883-PA
JHU_Ag_2536	LDGDAIVDFVK	AGAP008906-PA	-	70	1.76E-06	2	1191.629	2.46	Salivary gland	3R:+:20618216-20618248	exon=> In CDS Exon 4 of transcript AGAP008906-PA
JHU_Ag_21087	DAFLVFR	AGAP008906-PA	-	39	0.00081818	2	867.473	0.61	Salivary gland	3R:+:20616116-20616136	exon=> In CDS Exon 3 of transcript AGAP008906-PA
JHU_Ag_29789	GLLGTTVEDVAR	AGAP008906-PA	-	63	6.68E-06	2	1230.671	2.05	Salivary gland	3R:+:20617070-20617105	exon=> In CDS Exon 4 of transcript AGAP008906-PA
JHU_Ag_40958	GLECLVSILK	AGAP008906-PA	C4(Carbamidomethyl)	43	0.000416373	2	1131.649	4.27	Salivary gland	3R:+:20616686-20616715	exon=> In CDS Exon 3 of transcript AGAP008906-PA
JHU_Ag_53685	DLFNVLFR	AGAP008906-PA	-	49	0.000120168	2	1023.562	-0.42	Midgut	3R:+:20619092-20619115	exon=> In CDS Exon 4 of transcript AGAP008906-PA
JHU_Ag_56296	ALCQVSLDELTRPQPR	AGAP008906-PA	C3(Carbamidomethyl)	62	6.59E-06	1	1882.984	1.94	Salivary gland	3R:+:20618249-20618296	exon=> In CDS Exon 4 of transcript AGAP008906-PA
JHU_Ag_95684	TQIGDYLGENDEQSK	AGAP008906-PA	-	72	7.86E-07	2	1696.770	2.04	Salivary gland	3R:+:20617136-20617180	exon=> In CDS Exon 4 of transcript AGAP008906-PA
JHU_Ag_1498	TTNLVISSLR	AGAP008907-PA	-	66	1.56E-06	2	1103.643	1.17	Visceras	3R:-:20624567-20624538	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_2192	ETTTAPFAQVGLQGVDNQSK	AGAP008907-PA	-	115	4.68E-11	1	2091.040	2.37	Visceras	3R:-:20623783-20623724	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_4573	DAVVPIEFTLDDR	AGAP008907-PA	-	48	0.000271267	2	1489.756	1.7	Visceras	3R:-:20623723-20623685	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_5991	ETTTAPFAQVGLQGVDNQSK	AGAP008907-PA	-	92	9.37E-09	1	2091.033	-1.02	Midgut	3R:-:20623783-20623724	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_6070	DGTAGINFEHSWGDGVAVLR	AGAP008907-PA	-	56	4.24E-05	1	2101.019	4.51	Head	3R:-:20623864-20623805	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_11408	TTNLVISSLR	AGAP008907-PA	-	68	1.03E-06	2	1103.647	4.6	Malpighian tubule	3R:-:20624567-20624538	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_12215	EFLFGDGTNR	AGAP008907-PA	-	40	0.001019035	2	1155.547	3.21	Head	3R:-:20623930-20623901	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_12822	APAADPLGLLTTENRDTWATAR	AGAP008907-PA	-	110	1.21E-10	1	2340.208	5.97	Malpighian tubule	3R:-:20624116-20624051	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_15591	YLAAQQPLLSPDAFER	AGAP008907-PA	-	99	1.68E-09	1	1818.942	2.13	Visceras	3R:-:20624831-20624784	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_16173	TTNLVISSLR	AGAP008907-PA	-	69	9.27E-07	2	1103.641	-0.71	Male reproductive organs	3R:-:20624567-20624538	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_19267	APAADPLGLLTTENR	AGAP008907-PA	-	105	3.04E-10	1	1538.817	-0.52	Midgut	3R:-:20624116-20624072	exon=> In CDS Exon 2 of transcript AGAP008907-PA

JHU_Ag_20612	TTNLVISSLR	AGAP008907-PA	-	53	3.34E-05	2	1103.643	1.39	Salivary gland	3R:-:20624567-20624538	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_20680	AKILEPEVFHMNPAK	AGAP008907-PA	M11(Oxidation)	78	1.18E-07	1	1723.929	5.38	Malpighian tubule	3R:-:20624519-20624475	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_26392	ILEPEVFHMNPAK	AGAP008907-PA	M9(Oxidation)	46	0.000338512	2	1540.788	3.47	Malpighian tubule	3R:-:20624513-20624475	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_27131	THLTQLGTNAR	AGAP008907-PA	-	60	9.01E-06	1	1211.648	-1.05	Head	3R:-:20624050-20624018	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_27740	YLAAQQPLLSPDAFER	AGAP008907-PA	-	85	3.82E-08	1	1818.937	-0.69	Male reproductive organs	3R:-:20624831-20624784	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_31598	EFLFGDGTNR	AGAP008907-PA	-	51	8.56E-05	2	1155.543	-0.07	Midgut	3R:-:20623930-20623901	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_32521	DGTAGINFEHSWGDGVAVLR	AGAP008907-PA	-	145	4.61E-14	1	2101.009	-0.37	Visceras	3R:-:20623864-20623805	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_37743	YLAAQQPLLSPDAFER	AGAP008907-PA	-	97	2.60E-09	2	1818.939	0.05	Midgut	3R:-:20624831-20624784	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_41391	EFLFGDGTNR	AGAP008907-PA	-	43	0.000516924	2	1155.544	0.88	Male reproductive organs	3R:-:20623930-20623901	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_41625	ETTTAPFAQVGLQGVDNQSK	AGAP008907-PA	-	85	5.01E-08	1	2091.032	-1.72	Head	3R:-:20623783-20623724	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_41650	DGTAGINFEHSWGDGVAVLR	AGAP008907-PA	-	90	1.59E-08	1	2101.020	5.03	Malpighian tubule	3R:-:20623864-20623805	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_43393	SKIPMLHFQPSLPR	AGAP008907-PA	-	30	0.004868106	1	1650.922	4.34	Malpighian tubule	3R:-:20624909-20624868	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_43664	YFQEIFKETTTAPFAQVGLQGVDNQSK	AGAP008907-PA	-	37	0.002057086	1	3046.530	4.79	Head	3R:-:20623804-20623724	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_45375	ETTTAPFAQVGLQGVDNQSK	AGAP008907-PA	-	52	9.34E-05	2	2091.038	1.2	Salivary gland	3R:-:20623783-20623724	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_46199	APAADPLGLLTTENRDTWATAR	AGAP008907-PA	-	52	7.91E-05	1	2340.202	3.39	Male reproductive organs	3R:-:20624116-20624051	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_46328	AFPLDMSQYQGLFGGTR	AGAP008907-PA	M6(Oxidation)	43	0.000773703	2	1903.905	2.38	Male reproductive organs	3R:-:20624396-20624346	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_52061	ISPDSVMQLGFQLAYYK	AGAP008907-PA	M7(Oxidation)	67	2.93E-06	2	1975.993	4.63	Visceras	3R:-:20623570-20623520	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_53033	APAADPLGLLTTENR	AGAP008907-PA	-	103	5.52E-10	1	1538.820	1.38	Pupa	3R:-:20624116-20624072	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_55680	THLTQLGTNAR	AGAP008907-PA	-	54	3.05E-05	2	1211.649	0.16	Pupa	3R:-:20624050-20624018	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_57459	YLAAQQPLLSPDAFER	AGAP008907-PA	-	103	5.36E-10	1	1818.945	3.47	Malpighian tubule	3R:-:20624831-20624784	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_60691	APAADPLGLLTTENR	AGAP008907-PA	-	71	8.98E-07	2	1538.817	-0.21	Ovary	3R:-:20624116-20624072	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_63769	APAADPLGLLTTENR	AGAP008907-PA	-	117	2.17E-11	1	1538.821	2.41	Malpighian tubule	3R:-:20624116-20624072	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_65730	YLAAQQPLLSPDAFER	AGAP008907-PA	-	83	5.81E-08	1	1818.946	4.08	Salivary gland	3R:-:20624831-20624784	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_66558	TTNLVISSLR	AGAP008907-PA	-	46	0.000184 92	2	1103.641	-0.82	Head	3R:-:20624567-20624538	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_67112	LPIPELEK	AGAP008907-PA	-	32	0.003452932	1	938.556	-0.25	Malpighian tubule	3R:-:20624867-20624844	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_70968	APAADPLGLLTTENR	AGAP008907-PA	-	106	2.50E-10	1	1538.821	2.17	Visceras	3R:-:20624116-20624072	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_71155	TTNLVISSLR	AGAP008907-PA	-	59	7.83E-06	2	1103.641	-0.6	Midgut	3R:-:20624567-20624538	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_71628	LPIPELEK	AGAP008907-PA	-	30	0.004070025	2	938.558	2.81	Head	3R:-:20624867-20624844	exon=> In CDS Exon 1 of transcript AGAP008907-PA

JHU_Ag_71953	YLAAQQPLLSPDAFER	AGAP008907-PA	-	59	1.72E-05	2	1818.940	0.66	Ovary	3R:-:20624831-20624784	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_75803	YFQEIFK	AGAP008907-PA	-	36	0.003635269	1	974.500	2.31	Malpighian tubule	3R:-:20623804-20623784	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_79303	EAAMGQGFDRHLFGLK	AGAP008907-PA	M4(Oxidation)	60	1.93E-05	1	1792.885	3.01	Malpighian tubule	3R:-:20623312-20623265	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_79801	YFQEIFKETTTAPFAQVGLQGVDNQSK	AGAP008907-PA	-	70	1.11E-06	1	3046.525	3.11	Malpighian tubule	3R:-:20623804-20623724	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_81655	AFPLDMSQYQGLFGGTR	AGAP008907-PA	-	69	1.94E-06	1	1887.907	0.35	Malpighian tubule	3R:-:20624396-20624346	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_83711	THLTQLGTNAR	AGAP008907-PA	-	82	4.53E-08	1	1211.653	3.28	Malpighian tubule	3R:-:20624050-20624018	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_83948	AAYEDIGKVLAATGPAPK	AGAP008907-PA	-	79	8.39E-08	2	1771.969	5.41	Malpighian tubule	3R:-:20623018-20622965	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_89249	YLAAQQPLLSPDAFER	AGAP008907-PA	-	89	1.34E-08	2	1818.948	5.22	Head	3R:-:20624831-20624784	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_89827	ISPDSVMQLGFQLAYYK	AGAP008907-PA	M7(Oxidation)	60	1.65E-05	2	1975.981	-0.99	Midgut	3R:-:20623570-20623520	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_93259	APAADPLGLLTTENR	AGAP008907-PA	-	110	1.14E-10	1	1538.816	-0.68	Head	3R:-:20624116-20624072	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_93265	DAVVPIEFTLDDR	AGAP008907-PA	-	68	2.46E-06	1	1489.755	1.29	Head	3R:-:20623723-20623685	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_94685	APAADPLGLLTTENRDTWATAR	AGAP008907-PA	-	52	8.29E-05	1	2340.203	3.55	Head	3R:-:20624116-20624051	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_96112	TKELVNQFSR	AGAP008907-PA	-	47	0.000266628	2	1221.659	0.16	Visceras	3R:-:20624783-20624754	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_105233	AFCQEVER	AGAP008907-PA	C3(Carbamidomethyl)	35	0.00272359	1	1038.470	2.8	Malpighian tubule	3R:-:20623420-20623397	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_108165	TVTSMMPSFISTYVAYAFK	AGAP008907-PA	M5(Oxidation), M6(Oxidation)	80	1.68E-07	1	2176.051	7.54	Malpighian tubule	3R:-:20624453-20624397	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_108443	IPMLHFQPSLPR	AGAP008907-PA	M3(Oxidation)	37	0.001914403	1	1451.782	-0.71	Head	3R:-:20624903-20624868	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_109090	TKELVNQFSR	AGAP008907-PA	-	44	0.000537016	2	1221.663	3.46	Malpighian tubule	3R:-:20624783-20624754	exon=> In CDS Exon 1 of transcript AGAP008907-PA
JHU_Ag_115681	THLTQLGTNAR	AGAP008907-PA	-	48	0.000117389	1	1211.651	1.26	Male reproductive organs	3R:-:20624050-20624018	exon=> In CDS Exon 2 of transcript AGAP008907-PA
JHU_Ag_11895	LQTLLK	AGAP008907-PA,AGAP004206-PA	Q2(Deamidated)	31	0.001300283	1	716.455	-0.65	Visceras	3R:-:20624738-20624721;2R:+:51861402-51861419	exon=> In CDS Exon 1 of transcript AGAP008907-PA;exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_19894	LQTLLK	AGAP008907-PA,AGAP004206-PA	Q2(Deamidated)	38	0.000293115	1	716.454	-1.75	Pupa	3R:-:20624738-20624721;2R:+:51861402-51861419	exon=> In CDS Exon 1 of transcript AGAP008907-PA;exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_81927	LQTLLK	AGAP008907-PA,AGAP004206-PA	Q2(Deamidated)	38	0.000263656	1	716.455	-0.48	Midgut	3R:-:20624738-20624721;2R:+:51861402-51861419	exon=> In CDS Exon 1 of transcript AGAP008907-PA;exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_90074	LQTLLK	AGAP008907-PA,AGAP004206-PA	Q2(Deamidated)	38	0.000264873	1	716.455	-1.07	Head	3R:-:20624738-20624721;2R:+:51861402-51861419	exon=> In CDS Exon 1 of transcript AGAP008907-PA;exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_111297	LQTLLK	AGAP008907-PA,AGAP004206-PA	-	39	0.000542123	2	715.470	-1.51	Salivary gland	3R:-:20624738-20624721;2R:+:51861402-51861419	exon=> In CDS Exon 1 of transcript AGAP008907-PA;exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_111823	LQTLLK	AGAP008907-PA,AGAP004206-PA	Q2(Deamidated)	30	0.001941056	1	716.455	-0.31	Malpighian tubule	3R:-:20624738-20624721;2R:+:51861402-51861419	exon=> In CDS Exon 1 of transcript AGAP008907-PA;exon=> In CDS Exon 2 of transcript AGAP004206-PA
JHU_Ag_3827	LTDVLNQHDLR	AGAP008908-PA	-	40	0.001044295	1	1323.703	1.14	Ovary	3R:+:20626280-20626312	exon=> In CDS Exon 2 of transcript AGAP008908-PA

JHU_Ag_5202	SQIAISPNNNEVHIYKR	AGAP008908-PA	-	37	0.001977121	2	1983.043	1.29	Midgut	3R:+:20626117-20626120,20626215-20626261	exon=> In CDS Exon 1 and 2 of transcript AGAP008908-PA
JHU_Ag_9276	DIEQHPEPTAWGPK	AGAP008908-PA	-	49	0.000196144	1	1604.770	0.01	Midgut	3R:+:20626676-20626717	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_10722	NAYVWTQGDDGKWKPTLVLLR	AGAP008908-PA	-	70	7.91E-07	1	2460.301	-1.02	Midgut	3R:+:20626373-20626435	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_12683	KPLGQILAEFK	AGAP008908-PA	-	63	1.86E-06	1	1243.744	2.31	Salivary gland	3R:+:20626718-20626750	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_16611	DIEQHPEPTAWGPK	AGAP008908-PA	-	51	0.000108415	1	1604.771	0.39	Salivary gland	3R:+:20626676-20626717	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_19617	LTDVLNQHDLR	AGAP008908-PA	-	53	5.41E-05	2	1323.703	1.19	Head	3R:+:20626280-20626312	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_20711	WKPTLVLLR	AGAP008908-PA	-	28	0.001469747	1	1125.715	0.76	Malpighian tubule	3R:+:20626409-20626435	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_23997	KPLGQILAEFK	AGAP008908-PA	-	67	8.76E-07	2	1243.741	0.25	Midgut	3R:+:20626718-20626750	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_28842	KPLGQILAEFK	AGAP008908-PA	-	67	7.30E-07	1	1243.739	-1.72	Ovary	3R:+:20626718-20626750	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_40216	VSTSGLDGQLVIWDIDTLTR	AGAP008908-PA	-	81	8.15E-08	2	2189.154	4.3	Salivary gland	3R:+:20627183-20627242	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_49158	HTFGGTVSPITCHAWNK	AGAP008908-PA	C12(Carbamidomethyl)	69	1.79E-06	1	1912.911	-0.87	Midgut	3R:+:20626060-20626110	exon=> In CDS Exon 1 of transcript AGAP008908-PA
JHU_Ag_64169	TENSDTNLESIHQNAITCVCLYSGEK	AGAP008908-PA	C18(Carbamidomethyl), C20(Carbamidomethyl)	102	6.10E-10	1	2983.348	2.44	Salivary gland	3R:+:20627090-20627167	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_64493	VMGIDWAPNTNR	AGAP008908-PA	M2(Oxidation)	49	0.000153509	2	1389.659	0.42	Male reproductive organs	3R:+:20626313-20626348	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_67351	DIEQHPEPTAWGPK	AGAP008908-PA	-	57	2.61E-05	1	1604.774	2.14	Malpighian tubule	3R:+:20626676-20626717	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_69017	STVTSLDWHPNNMLLVAGSTDYK	AGAP008908-PA	M13(Oxidation)	51	9.94E-05	1	2565.234	2.06	Midgut	3R:+:20626580-20626648	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_70419	NSSTGGGWVHSVSFSADGNR	AGAP008908-PA	-	47	0.000232502	1	2021.910	1.79	Midgut	3R:+:20626751-20626810	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_78369	SQIAISPNNNEVHIYKR	AGAP008908-PA	-	43	0.000594876	1	1983.041	0.29	Malpighian tubule	3R:+:20626117-20626120,20626215-20626261	exon=> In CDS Exon 1 and 2 of transcript AGAP008908-PA
JHU_Ag_80050	LTDVLNQHDLR	AGAP008908-PA	-	51	7.34E-05	1	1323.703	1.1	Salivary gland	3R:+:20626280-20626312	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_83392	HTFGGTVSPITCHAWNK	AGAP008908-PA	C12(Carbamidomethyl)	82	1.01E-07	1	1912.924	5.83	Ovary	3R:+:20626060-20626110	exon=> In CDS Exon 1 of transcript AGAP008908-PA
JHU_Ag_84104	SQIAISPNNNEVHIYKR	AGAP008908-PA	-	37	0.001793857	1	1983.056	7.62	Salivary gland	3R:+:20626117-20626120,20626215-20626261	exon=> In CDS Exon 1 and 2 of transcript AGAP008908-PA
JHU_Ag_84577	IVTCAVDR	AGAP008908-PA	C4(Carbamidomethyl)	48	0.000300167	2	933.481	-1.49	Midgut	3R:+:20626349-20626372	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_93885	SQIAISPNNNEVHIYK	AGAP008908-PA	-	47	0.000223701	1	1826.944	2.56	Salivary gland	3R:+:20626117-20626120,20626215-20626258	exon=> In CDS Exon 1 and 2 of transcript AGAP008908-PA
JHU_Ag_98616	KPLGQILAEFK	AGAP008908-PA	-	69	5.50E-07	2	1243.739	-1.42	Head	3R:+:20626718-20626750	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_98649	IFQSLDR	AGAP008908-PA	-	39	0.002448368	1	878.474	0.61	Malpighian tubule	3R:+:20627060-20627080	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_101249	KPLGQILAEFK	AGAP008908-PA	-	51	2.40E-05	2	1243.745	3.19	Malpighian tubule	3R:+:20626718-20626750	exon=> In CDS Exon 2 of transcript AGAP008908-PA

JHU_Ag_108211	SQIAISPNNNEVHIYK	AGAP008908-PA	-	91	1.05E-08	2	1826.939	-0.58	Midgut	3R:+:20626117-20626120,20626215-20626258	exon=> In CDS Exon 1 and 2 of transcript AGAP008908-PA
JHU_Ag_113950	NSSTGGGWVHSVSFSADGNR	AGAP008908-PA	-	43	0.000495941	1	2021.909	1.51	Salivary gland	3R:+:20626751-20626810	exon=> In CDS Exon 2 of transcript AGAP008908-PA
JHU_Ag_114	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	85	2.30E-08	1	1755.966	1.31	Salivary gland	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_233	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	96	1.61E-09	1	1755.969	2.84	Visceras	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_906	VTYPSGAVVSEGNVLTPTQVKDVPK	AGAP008909-PA	-	59	7.55E-06	1	2585.389	2.6	Salivary gland	3R:-:20628731-20628657	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_2117	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	104	3.96E-10	1	2146.139	0.16	Salivary gland	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_9445	LTNTSADNR	AGAP008909-PA	-	73	1.01E-06	2	991.481	0.17	Midgut	3R:-:20628404-20628378	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_17817	SMEKHEVVPDVVPVAPAEVAK	AGAP008909-PA	M2(Oxidation)	97	2.55E-09	1	2247.173	1.92	Malpighian tubule	3R:-:20628794-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_18034	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	138	1.56E-13	1	2146.138	-0.75	Head	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_18921	EWHHWLVGNIPGADVAQGETLSAYVGSGPPQGTGLHR	AGAP008909-PA	-	129	1.16E-12	1	3893.909	-0.43	Midgut	3R:-:20628569-20628459	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_26790	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	110	8.95E-11	1	2146.148	4.37	Ovary	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_31001	EWHHWLVGNIPGADVAQGETLSAYVGSGPPQGTGLHR	AGAP008909-PA	-	163	4.70E-16	1	3893.942	8.11	Ovary	3R:-:20628569-20628459	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_31189	SMEKHEVVPDVVPVAPAEVAK	AGAP008909-PA	M2(Oxidation)	130	1.17E-12	1	2247.165	-1.99	Midgut	3R:-:20628794-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_31557	LTFDEPR	AGAP008909-PA	-	43	0.000790243	2	877.442	0.56	Malpighian tubule	3R:-:20628425-20628405	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_31790	LTNTSADNR	AGAP008909-PA	-	65	5.54E-06	2	991.480	-0.26	Male reproductive organs	3R:-:20628404-20628378	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_35587	LTFDEPR	AGAP008909-PA	-	43	0.000990099	1	877.444	3.27	Larva	3R:-:20628425-20628405	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_37454	SMEKHEVVPDVVPVAPAEVAK	AGAP008909-PA	M2(Oxidation)	61	1.03E-05	1	2247.166	-1.43	Male reproductive organs	3R:-:20628794-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_37895	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	116	1.84E-11	1	2146.151	5.62	Larva	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_39808	LTNTSADNR	AGAP008909-PA	-	54	7.35E-05	2	991.479	-1.68	Head	3R:-:20628404-20628378	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_43181	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	85	2.41E-08	1	1755.963	-0.36	Ovary	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_43924	VEWNADSGALYTLCMTDPDAPSRK	AGAP008909-PA	C14(Carbamidomethyl), M15(Oxidation)	54	4.26E-05	1	2713.226	0.78	Male reproductive organs	3R:-:20628656-20628585	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_44673	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	83	3.70E-08	1	1755.966	0.82	Male reproductive organs	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_49943	VTYPSGAVVSEGNVLTPTQVKDVPK	AGAP008909-PA	-	99	6.99E-10	1	2585.392	3.66	Malpighian tubule	3R:-:20628731-20628657	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_50734	LTFDEPR	AGAP008909-PA	-	43	0.000889447	1	877.441	-0.55	Male reproductive organs	3R:-:20628425-20628405	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_51006	LTFDEPR	AGAP008909-PA	-	33	0.00746655	2	877.441	0	Head	3R:-:20628425-20628405	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_51387	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	85	2.85E-08	1	2146.141	1.07	Pupa	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_52373	EWHHWLVGNIPGADVAQGETLSAYVGSGPPQGTGLHR	AGAP008909-PA	-	149	1.06E-14	1	3893.926	3.96	Larva	3R:-:20628569-20628459	exon=> In CDS Exon 1 of transcript AGAP008909-PA

JHU_Ag_54574	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	137	1.84E-13	1	2146.140	0.39	Male reproductive organs	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_57588	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	106	1.84E-10	1	1755.972	4.64	Larva	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_62427	LTNTSADNRGGFAIR	AGAP008909-PA	-	66	3.81E-06	1	1592.815	0.64	Malpighian tubule	3R:-:20628404-20628360	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_62602	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	70	6.93E-07	2	1755.970	3.11	Midgut	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_63018	EWHHWLVGNIPGADVAQGETLSAYVGSGPPQGTGLHR	AGAP008909-PA	-	93	4.09E-09	1	3893.933	5.68	Malpighian tubule	3R:-:20628569-20628459	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_66906	EWHHWLVGNIPGADVAQGETLSAYVGSGPPQGTGLHR	AGAP008909-PA	-	163	4.96E-16	1	3893.914	0.74	Visceras	3R:-:20628569-20628459	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_74179	YQLGNPVAGNFYQAEWDDYVPLLYK	AGAP008909-PA	-	147	2.69E-14	1	2963.451	8.81	Larva	3R:-:20628344-20628270	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_80090	YQLGNPVAGNFYQAEWDDYVPLLYK	AGAP008909-PA	-	97	2.49E-09	1	2963.425	-0.09	Midgut	3R:-:20628344-20628270	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_85322	EPTYREWHHWLVGNIPGADVAQGETLSAYVGSGPPQGTGLHR	AGAP008909-PA	-	49	9.67E-05	1	4540.230	2.56	Malpighian tubule	3R:-:20628584-20628459	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_85521	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	140	7.82E-14	1	2146.143	1.64	Malpighian tubule	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_90502	EWHHWLVGNIPGADVAQGETLSAYVGSGPPQGTGLHR	AGAP008909-PA	-	57	2.08E-05	1	3893.913	0.59	Head	3R:-:20628569-20628459	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_93870	LTNTSADNR	AGAP008909-PA	-	59	2.20E-05	2	991.482	1.21	Ovary	3R:-:20628404-20628378	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_94598	YQLGNPVAGNFYQAEWDDYVPLLYK	AGAP008909-PA	-	58	2.00E-05	3	2963.437	3.92	Ovary	3R:-:20628344-20628270	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_94888	SMEKHEVVPDVVPVAPAEVAK	AGAP008909-PA	M2(Oxidation)	47	0.000240 28	1	2247.173	1.85	Ovary	3R:-:20628794-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_97436	VTYPSGAVVSEGNVLTPTQVKDVPK	AGAP008909-PA	-	129	6.71E-13	1	2585.385	1.26	Ovary	3R:-:20628731-20628657	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_99855	VTYPSGAVVSEGNVLTPTQVKDVPK	AGAP008909-PA	-	92	3.34E-09	1	2585.385	1.04	Male reproductive organs	3R:-:20628731-20628657	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_100745	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	133	4.24E-13	1	2146.143	1.64	Visceras	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_105416	VTYPSGAVVSEGNVLTPTQVK	AGAP008909-PA	-	110	8.83E-11	1	2146.147	3.46	Midgut	3R:-:20628731-20628669	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_109106	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	97	1.61E-09	1	1755.967	1.86	Head	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_113377	HEVVPDVVPVAPAEVAK	AGAP008909-PA	-	77	1.43E-07	1	1755.967	1.79	Malpighian tubule	3R:-:20628782-20628732	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_114567	VTYPSGAVVSEGNVLTPTQVKDVPK	AGAP008909-PA	-	65	2.12E-06	1	2585.381	-0.66	Midgut	3R:-:20628731-20628657	exon=> In CDS Exon 1 of transcript AGAP008909-PA
JHU_Ag_32849	YVFLVYK	AGAP008909-PA,AGAP002049-PA	-	40	0.001929 39	1	931.533	5.01	Larva	3R:-:20628458-20628438;2R:-:14551723-14551703	exon=> In CDS Exon 1 of transcript AGAP008909-PA;exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_52694	YVFLVYK	AGAP008909-PA,AGAP002049-PA	-	49	0.000190 828	1	931.529	-0.18	Ovary	3R:-:20628458-20628438;2R:-:14551723-14551703	exon=> In CDS Exon 1 of transcript AGAP008909-PA;exon=> In CDS Exon 1 of transcript AGAP002049-PA
JHU_Ag_17395	IESPLEALK	AGAP008910-PA	-	43	0.000426 247	1	999.586	13.56	Malpighian tubule	3R:+:20631888-20631914	exon=> In CDS Exon 4 of transcript AGAP008910-PA
JHU_Ag_69713	NEQTLRDETR	AGAP008912-PA	N1(Deamidated), Q3(Deamidated)	31	0.009281 336	1	1263.583	1.47	Head	3R:-:20663249-20663220	exon=> In CDS Exon 1 of transcript AGAP008912-PA
JHU_Ag_9730	EGADALYSR	AGAP008915-PA	-	60	1.37E-05	2	981.462	-1.71	Midgut	3R:+:20773381-20773407	exon=> In CDS Exon 1 of transcript AGAP008915-PA

JHU_Ag_9773	GYWELHQR	AGAP008915-PA	-	46	0.000306458	2	1088.528	0.71	Midgut	3R:+:20773126-20773149	exon=> In CDS Exon 1 of transcript AGAP008915-PA
JHU_Ag_16770	LGDPAFVPGIEDNLDK	AGAP008915-PA	-	49	0.000163098	2	1699.859	2.78	Midgut	3R:+:20773780-20773827	exon=> In CDS Exon 2 of transcript AGAP008915-PA
JHU_Ag_40408	TPDAGFAAATGIVQDAAEHLVQAAYDPR	AGAP008915-PA	-	92	1.01E-08	1	2855.403	2.6	Ovary	3R:+:20778510-20778593	exon=> In CDS Exon 3 of transcript AGAP008915-PA
JHU_Ag_40775	LFGSIITEDDFYNYEPR	AGAP008915-PA	-	107	2.56E-10	1	2078.971	0.29	Midgut	3R:+:20773447-20773490,20773581-20773587	exon=> In CDS Exon 1 and 2 of transcript AGAP008915-PA
JHU_Ag_50621	DVFINPATDQTWQEGDR	AGAP008915-PA	-	121	9.38E-12	1	1991.911	0.81	Midgut	3R:+:20773285-20773335	exon=> In CDS Exon 1 of transcript AGAP008915-PA
JHU_Ag_101459	LGDPAFVPGIEDNLDKLASK	AGAP008915-PA	-	62	6.07E-06	1	2099.104	0.96	Midgut	3R:+:20773780-20773839	exon=> In CDS Exon 2 of transcript AGAP008915-PA
JHU_Ag_102766	TPDAGFAAATGIVQDAAEHLVQAAYDPR	AGAP008915-PA	-	63	7.00E-06	1	2855.388	-2.73	Midgut	3R:+:20778510-20778593	exon=> In CDS Exon 3 of transcript AGAP008915-PA
JHU_Ag_570	EKGNIYIPAEPK	AGAP008916-PA	-	49	0.000149527	2	1358.738	4.58	Head	3R:+:20781898-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_738	VSNFLWPFKLNTPTGGWR	AGAP008916-PA	-	91	6.65E-09	1	2120.118	4.66	Malpighian tubule	3R:+:20782468-20782521	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_811	QINNGTFIK	AGAP008916-PA	-	38	0.002074484	2	1034.561	-1.46	Ovary	3R:+:20782122-20782148	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_1148	VSNFLWPFK	AGAP008916-PA	-	68	1.62E-06	2	1137.609	-0.23	Midgut	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_1783	LQCVEDMVHHIYTGGACFK	AGAP008916-PA	C3(Carbamidomethyl), M7(Oxidation), C17(Carbamidomethyl),"C3(Carbamidomethyl), C17(Carbamidomethyl)"	99	1.48E-09	1	2265.016	-4.03	Midgut	3R:+:20782408-20782464	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_1920	KVSNFLWPFK	AGAP008916-PA	-	67	1.28E-06	1	1265.706	1.82	Ovary	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_2057	LQCVEDMVHHIYTGGACFK	AGAP008916-PA	C3(Carbamidomethyl), M7(Oxidation), C17(Carbamidomethyl),"C3(Carbamidomethyl), C17(Carbamidomethyl)"	116	2.46E-11	1	2281.021	0.53	Salivary gland	3R:+:20782408-20782464	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_3231	AVVEQAR	AGAP008916-PA	-	45	0.000412385	2	772.432	0.6	Salivary gland	3R:+:20781868-20781888	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_3717	KNNHYVEGGDFGNR	AGAP008916-PA	-	59	1.59E-05	1	1606.736	0.27	Ovary	3R:+:20782525-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_4049	LQCVEDMVHHIYTGGACFK	AGAP008916-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	119	1.52E-11	1	2265.033	3.67	Malpighian tubule	3R:+:20782408-20782464	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_4836	RLPVVPESWLK	AGAP008916-PA	-	63	1.29E-06	1	1323.780	1.17	Midgut	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_7126	NNHYVEGGDFGNREDK	AGAP008916-PA	-	72	4.65E-07	1	1850.797	-4.46	Head	3R:+:20782528-20782575	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_7373	LQCVEDMVHHIYTGGACFKK	AGAP008916-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	112	1.02E-10	1	2393.123	1.25	Malpighian tubule	3R:+:20782408-20782467	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_8059	GNIYIPAEPK	AGAP008916-PA	-	35	0.004209071	1	1101.593	-1.01	Visceras	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_10610	NNHYVEGGDFGNREDK	AGAP008916-PA	-	41	0.000628082	1	1850.808	1.2	Midgut	3R:+:20782528-20782575	exon=> In CDS Exon 3 of transcript AGAP008916-PA

JHU_Ag_11901	LNTPTGGWR	AGAP008916-PA	-	39	0.001747874	2	1001.518	1.94	Larva	3R:+:20782495-20782521	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_12101	LQCVEDMVHHIYTGGACFK	AGAP008916-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	50	0.000104425	1	2265.030	2.28	Visceras	3R:+:20782408-20782464	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_12644	IAEPYITYGYPTLK	AGAP008916-PA	-	113	5.42E-11	1	1628.864	4.37	Larva	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_16259	LPVVPESWLK	AGAP008916-PA	-	46	0.000115974	1	1167.677	0.01	Male reproductive organs	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_18356	GNIYIPAEPK	AGAP008916-PA	-	53	7.55E-05	2	1101.594	-0.12	Salivary gland	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_19098	GNIYIPAEPK	AGAP008916-PA	-	41	0.001159354	2	1101.596	1.54	Malpighian tubule	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_19543	KQNLLR	AGAP008916-PA	-	32	0.002880504	1	771.484	1.09	Ovary	3R:+:20781811-20781828	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_19882	KVSNFLWPFK	AGAP008916-PA	-	64	2.79E-06	1	1265.708	2.98	Malpighian tubule	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_20183	LQCVEDMVHHIYTGGACFK	AGAP008916-PA	C3(Carbamidomethyl), M7(Oxidation), C17(Carbamidomethyl),"C 3(Carbamidomethyl), C17(Carbamidomethyl)"," Q2(Deamidated), C3(Carbamidomethyl), M7(Oxidation), C17(Carbamidomethyl)"	96	2.40E-09	1	2281.017	-1.24	Head	3R:+:20782408-20782464	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_20456	RGCKPNVLLQR	AGAP008916-PA	C3(Carbamidomethyl)	38	0.001026663	3	1340.759	1.08	Malpighian tubule	3R:+:20781745-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_20512	RLPVVPESWLK	AGAP008916-PA	-	55	7.69E-06	2	1323.779	0.16	Visceras	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_22339	VLQLFR	AGAP008916-PA	-	47	7.98E-05	2	775.486	3.87	Head	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_22704	IAEPYITYGYPTLK	AGAP008916-PA	-	113	5.80E-11	1	1628.861	2.27	Pupa	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_23080	EKGNIYIPAEPK	AGAP008916-PA	-	62	7.52E-06	1	1358.732	0.17	Male reproductive organs	3R:+:20781898-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_23912	GNIYIPAEPK	AGAP008916-PA	-	57	3.19E-05	1	1101.595	0.65	Ovary	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_25219	VLQLFR	AGAP008916-PA	-	46	8.53E-05	2	775.484	2.37	Malpighian tubule	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_26189	VAFVIR	AGAP008916-PA	-	40	0.000113082	2	704.445	-0.42	Visceras	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_28177	GCKPNVLLQR	AGAP008916-PA	C2(Carbamidomethyl)	37	0.001862087	2	1184.658	0.73	Malpighian tubule	3R:+:20781748-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_29861	KVLQLFR	AGAP008916-PA	-	42	6.96E-05	1	903.577	-0.33	Pupa	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_30307	VSNFLWPFK	AGAP008916-PA	-	68	1.79E-06	2	1137.613	3.32	Ovary	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_31602	KVSNFLWPFK	AGAP008916-PA	-	46	0.000159683	1	1265.704	0.18	Pupa	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_32573	INELIQR	AGAP008916-PA	-	53	4.74E-05	2	885.516	1.2	Malpighian tubule	3R:+:20782576-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_32765	IAEPYITYGYPTLK	AGAP008916-PA	-	93	5.56E-09	1	1628.863	3.62	Head	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA

JHU_Ag_33538	VSNFLWPFK	AGAP008916-PA	-	68	1.79E-06	2	1137.607	-2.26	Salivary gland	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_34307	RLPVVPESWLK	AGAP008916-PA	-	63	1.28E-06	1	1323.783	3.39	Salivary gland	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_35042	LPVVPESWLK	AGAP008916-PA	-	39	0.000532 55	2	1167.678	0.22	Pupa	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_35541	NNHYVEGGDFGNR	AGAP008916-PA	-	61	5.42E-06	1	1478.641	0.09	Male reproductive organs	3R:+:20782528-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_35585	AVVEQAR	AGAP008916-PA	-	41	0.000790 687	1	772.430	-1.67	Midgut	3R:+:20781868-20781888	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_36973	VSNFLWPFK	AGAP008916-PA	-	65	3.57E-06	1	1137.612	2.03	Visceras	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_37638	EDKINELIQR	AGAP008916-PA	-	56	3.46E-05	2	1257.678	-1.22	Midgut	3R:+:20782567-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_38411	VLQLFR	AGAP008916-PA	-	42	0.000261 45	2	775.482	-0.54	Male reproductive organs	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_39136	EKGNIYIPAEPK	AGAP008916-PA	-	62	8.35E-06	1	1358.735	2.69	Larva	3R:+:20781898-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_39537	VAFVIR	AGAP008916-PA	-	46	5.95E-05	2	704.447	1.83	Larva	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_40965	NNHYVEGGDFGNREDK	AGAP008916-PA	-	80	7.70E-08	1	1850.804	-0.97	Ovary	3R:+:20782528-20782575	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_41259	KVSNFLWPFK	AGAP008916-PA	-	49	8.90E-05	2	1265.707	1.92	Visceras	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_43092	INELIQR	AGAP008916-PA	-	60	9.95E-06	2	885.515	-0.25	Pupa	3R:+:20782576-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_43373	KVSNFLWPFK	AGAP008916-PA	-	69	9.64E-07	1	1265.704	0.18	Salivary gland	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_43598	QINNGTFIK	AGAP008916-PA	-	38	0.001898 289	2	1034.566	2.9	Head	3R:+:20782122-20782148	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_44001	LNTPTGGWR	AGAP008916-PA	-	57	2.98E-05	2	1001.516	-0.31	Male reproductive organs	3R:+:20782495-20782521	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_44164	EDKINELIQR	AGAP008916-PA	-	58	2.08E-05	1	1257.681	0.92	Pupa	3R:+:20782567-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_44601	VLQLFR	AGAP008916-PA	-	53	2.22E-05	2	775.483	0.41	Visceras	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_47048	INELIQR	AGAP008916-PA	-	56	2.49E-05	2	885.515	-0.32	Head	3R:+:20782576-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_48388	RGCKPNVLLQR	AGAP008916-PA	C3(Carbamidomethyl)	70	5.71E-07	3	1340.759	0.81	Pupa	3R:+:20781745-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_48659	NNHYVEGGDFGNR	AGAP008916-PA	-	60	6.82E-06	1	1478.642	1.08	Ovary	3R:+:20782528-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_49441	VSNFLWPFK	AGAP008916-PA	-	65	3.48E-06	1	1137.612	2.46	Malpighian tubule	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_49573	INELIQR	AGAP008916-PA	-	65	2.90E-06	2	885.518	2.92	Larva	3R:+:20782576-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_49637	AVVEQAR	AGAP008916-PA	-	44	0.000500 383	1	772.432	0.53	Ovary	3R:+:20781868-20781888	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_49773	VAFVIR	AGAP008916-PA	-	44	4.29E-05	2	704.445	-0.16	Male reproductive organs	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_50212	QINNGTFIK	AGAP008916-PA	-	38	0.001664 248	2	1034.567	3.49	Malpighian tubule	3R:+:20782122-20782148	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_50454	VAFVIR	AGAP008916-PA	-	42	0.000173 197	2	704.448	3.05	Malpighian tubule	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_51164	NNHYVEGGDFGNREDK	AGAP008916-PA	-	59	1.14E-05	1	1850.808	1.28	Malpighian tubule	3R:+:20782528-20782575	exon=> In CDS Exon 3 of transcript AGAP008916-PA

JHU_Ag_51257	KVLQLFR	AGAP008916-PA	-	46	2.05E-05	2	903.581	3.93	Larva	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_52202	VLQLFR	AGAP008916-PA	-	46	0.000100643	2	775.485	3.24	Larva	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_53151	KVSNFLWPFK	AGAP008916-PA	-	68	1.42E-06	2	1265.702	-1.36	Male reproductive organs	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_53238	IPITDNFVIER	AGAP008916-PA	-	91	1.13E-08	1	1316.720	-0.52	Ovary	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_53704	VAFVIR	AGAP008916-PA	-	39	0.000136582	1	704.446	0.71	Ovary	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_53794	RLPVVPESWLK	AGAP008916-PA	-	74	9.17E-08	1	1323.785	4.68	Head	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_54172	EDKINELIQR	AGAP008916-PA	-	64	5.95E-06	1	1257.681	1.21	Malpighian tubule	3R:+:20782567-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_54805	LPVVPESWLK	AGAP008916-PA	-	65	1.53E-06	1	1167.677	-0.41	Ovary	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_57920	VAFVIR	AGAP008916-PA	-	47	2.41E-05	2	704.445	-0.42	Midgut	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_58547	VAFVIR	AGAP008916-PA	-	44	7.30E-05	2	704.444	-1.72	Pupa	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_58935	IAEPYITYGYPTLK	AGAP008916-PA	-	108	1.83E-10	1	1628.855	-1.48	Ovary	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_61515	NNHYVEGGDFGNREDK	AGAP008916-PA	-	38	0.001462231	1	1850.807	0.91	Pupa	3R:+:20782528-20782575	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_61850	KVSNFLWPFK	AGAP008916-PA	-	46	0.000183311	1	1265.707	2.4	Larva	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_62611	RGCKPNVLLQR	AGAP008916-PA	C3(Carbamidomethyl)	54	2.15E-05	1	1340.757	-0.63	Midgut	3R:+:20781745-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_63655	GNIYIPAEPK	AGAP008916-PA	-	38	0.001780641	2	1101.598	3.42	Larva	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_64028	VSNFLWPFK	AGAP008916-PA	-	70	8.30E-07	1	1137.615	5.46	Larva	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_64769	RLPVVPESWLK	AGAP008916-PA	-	63	1.09E-06	1	1323.779	0.44	Larva	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_65342	IPITDNFVIER	AGAP008916-PA	-	82	7.95E-08	2	1316.719	-1.44	Salivary gland	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_65395	IPITDNFVIER	AGAP008916-PA	-	88	1.93E-08	2	1316.723	1.71	Pupa	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_68171	IAEPYITYGYPTLK	AGAP008916-PA	-	108	1.76E-10	1	1628.862	2.72	Salivary gland	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_68576	LPVVPESWLK	AGAP008916-PA	-	42	0.000311345	1	1167.679	1.47	Malpighian tubule	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_69613	GCKPNVLLQR	AGAP008916-PA	C2(Carbamidomethyl)	63	5.06E-06	1	1184.659	1.66	Salivary gland	3R:+:20781748-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_71102	VSNFLWPFK	AGAP008916-PA	-	76	3.37E-07	2	1137.606	-2.69	Male reproductive organs	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_72569	RLPVVPESWLK	AGAP008916-PA	-	60	2.55E-06	1	1323.775	-2.79	Male reproductive organs	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_72844	VSNFLWPFK	AGAP008916-PA	-	65	3.22E-06	1	1137.609	-0.12	Pupa	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_73005	VLQLFR	AGAP008916-PA	-	49	5.11E-05	2	775.482	-0.07	Midgut	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_73665	NNHYVEGGDFGNR	AGAP008916-PA	-	55	2.20E-05	1	1478.642	0.59	Larva	3R:+:20782528-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_73720	NNHYVEGGDFGNR	AGAP008916-PA	-	63	2.89E-06	1	1478.636	-3.13	Head	3R:+:20782528-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA

JHU_Ag_74272	INELIQR	AGAP008916-PA	-	68	1.60E-06	2	885.515	0.17	Ovary	3R:+:20782576-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_74693	KVLQLFR	AGAP008916-PA	-	41	8.15E-05	1	903.577	-0.12	Salivary gland	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_74916	RLPVVPESWLK	AGAP008916-PA	-	52	1.81E-05	1	1323.780	1.27	Pupa	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_74949	IPITDNFVIER	AGAP008916-PA	-	84	6.04E-08	1	1316.724	2.36	Visceras	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_76264	LPVVPESWLK	AGAP008916-PA	-	51	3.69E-05	1	1167.682	3.98	Head	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_78170	KVLQLFR	AGAP008916-PA	-	42	7.17E-05	1	903.578	0.42	Malpighian tubule	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_78483	LNTPTGGWR	AGAP008916-PA	-	37	0.003093233	2	1001.516	-0.68	Pupa	3R:+:20782495-20782521	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_78698	IPITDNFVIER	AGAP008916-PA	-	91	1.00E-08	1	1316.722	0.5	Midgut	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_79653	LNTPTGGWR	AGAP008916-PA	-	46	0.000331057	2	1001.517	0.48	Salivary gland	3R:+:20782495-20782521	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_79758	GNIYIPAEPK	AGAP008916-PA	-	45	0.000488345	2	1101.595	0.77	Pupa	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_79777	VAFVIR	AGAP008916-PA	-	40	0.000120891	2	704.445	-0.68	Head	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_80165	EKGNIYIPAEPK	AGAP008916-PA	-	62	8.70E-06	2	1358.733	1.25	Visceras	3R:+:20781898-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_81229	LPVVPESWLK	AGAP008916-PA	-	43	0.000213974	1	1167.677	-0.24	Midgut	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_81669	GCKPNVLLQR	AGAP008916-PA	C2(Carbamidomethyl)	35	0.003084194	1	1184.663	4.97	Head	3R:+:20781748-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_82796	KNNHYVEGGDFGNR	AGAP008916-PA	-	40	0.001191231	1	1606.733	-1.67	Midgut	3R:+:20782525-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_82827	GNIYIPAEPK	AGAP008916-PA	-	67	3.31E-06	2	1101.594	-0.12	Male reproductive organs	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_83091	KVLQLFR	AGAP008916-PA	-	41	7.84E-05	1	903.577	-0.93	Midgut	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_83324	IAEPYITYGYPTLK	AGAP008916-PA	-	86	2.88E-08	1	1628.864	4.07	Visceras	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_83494	KVLQLFR	AGAP008916-PA	-	42	7.04E-05	2	903.577	-0.12	Male reproductive organs	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_83495	HLIYKR	AGAP008916-PA	-	31	0.009683623	1	829.504	0.1	Midgut	3R:+:20782230-20782247	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_85005	EDKINELIQR	AGAP008916-PA	-	53	7.41E-05	1	1257.684	3.34	Head	3R:+:20782567-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_85843	KVLQLFR	AGAP008916-PA	-	42	8.06E-05	2	903.575	-2.35	Ovary	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_85850	VLQLFR	AGAP008916-PA	-	39	0.000467502	1	775.484	1.51	Salivary gland	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_88546	EKGNIYIPAEPK	AGAP008916-PA	-	74	5.48E-07	1	1358.734	2.06	Malpighian tubule	3R:+:20781898-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_88698	RLPVVPESWLK	AGAP008916-PA	-	57	5.81E-06	1	1323.781	2.19	Malpighian tubule	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA

JHU_Ag_88820	LQCVEDMVHHIYTGGACFK	AGAP008916-PA	C3(Carbamidomethyl), M7(Oxidation), C17(Carbamidomethyl),"C 3(Carbamidomethyl), C17(Carbamidomethyl)"	96	2.51E-09	1	2281.021	0.29	Ovary	3R:+:20782408-20782464	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_90272	KVLQLFR	AGAP008916-PA	-	42	7.61E-05	1	903.577	-0.12	Visceras	3R:+:20782095-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_90799	EDKINELIQR	AGAP008916-PA	-	39	0.001593859	1	1257.680	0.24	Male reproductive organs	3R:+:20782567-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_90845	LPVVPESWLK	AGAP008916-PA	-	40	0.000413513	1	1167.681	3.56	Larva	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_91077	RLPVVPESWLK	AGAP008916-PA	-	68	4.04E-07	1	1323.779	0.71	Ovary	3R:+:20781697-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_91267	LRQINNGTFIK	AGAP008916-PA	N5(Deamidated),N6(Dea midated)	37	0.001044099	1	1303.747	-0.51	Malpighian tubule	3R:+:20782116-20782148	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_92006	LPVVPESWLK	AGAP008916-PA	-	60	4.51E-06	1	1167.681	2.94	Visceras	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_92062	IAEPYITYGYPTLK	AGAP008916-PA	-	107	2.61E-10	1	1628.856	-0.5	Midgut	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_95145	GCKPNVLLQR	AGAP008916-PA	C2(Carbamidomethyl)	70	7.57E-07	1	1184.656	-0.61	Visceras	3R:+:20781748-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_95907	NNHYVEGGDFGNR	AGAP008916-PA	-	54	2.36E-05	1	1478.641	0.42	Pupa	3R:+:20782528-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_96297	QINNGTFIKLNK	AGAP008916-PA	-	46	0.000138802	2	1389.787	1.25	Malpighian tubule	3R:+:20782122-20782157	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_96651	LNTPTGGWR	AGAP008916-PA	-	42	0.000883629	2	1001.519	3.04	Head	3R:+:20782495-20782521	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_97015	RGCKPNVLLQR	AGAP008916-PA	C3(Carbamidomethyl)	50	5.67E-05	1	1340.757	-0.9	Male reproductive organs	3R:+:20781745-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_98503	IPITDNFVIER	AGAP008916-PA	-	88	1.84E-08	2	1316.720	-0.42	Head	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_98605	VAFVIR	AGAP008916-PA	-	41	8.66E-05	2	704.445	0.1	Salivary gland	3R:+:20781934-20781951	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_98691	IPITDNFVIER	AGAP008916-PA	-	89	1.78E-08	2	1316.722	0.78	Larva	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_103233	NNHYVEGGDFGNREDK	AGAP008916-PA	-	32	0.005277413	1	1850.811	2.98	Larva	3R:+:20782528-20782575	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_103737	IAEPYITYGYPTLK	AGAP008916-PA	-	94	4.43E-09	1	1628.860	1.74	Male reproductive organs	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_105235	IAEPYITYGYPTLK	AGAP008916-PA	-	113	5.79E-11	1	1628.862	3.17	Malpighian tubule	3R:+:20782179-20782220	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_105550	KNNHYVEGGDFGNR	AGAP008916-PA	-	56	2.91E-05	1	1606.737	0.49	Pupa	3R:+:20782525-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_105947	EKGNIYIPAEPK	AGAP008916-PA	-	70	1.15E-06	1	1358.732	0.35	Midgut	3R:+:20781898-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_105996	NNHYVEGGDFGNR	AGAP008916-PA	-	50	6.14E-05	1	1478.642	0.5	Salivary gland	3R:+:20782528-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_106529	NNHYVEGGDFGNR	AGAP008916-PA	-	70	7.11E-07	1	1478.650	6.04	Malpighian tubule	3R:+:20782528-20782566	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_106683	GNIYIPAEPK	AGAP008916-PA	-	45	0.000433697	2	1101.593	-0.68	Midgut	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_107070	VSNFLWPFK	AGAP008916-PA	-	61	8.59E-06	2	1137.614	4.17	Head	3R:+:20782468-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA

JHU_Ag_107817	EDKINELIQR	AGAP008916-PA	-	51	9.64E-05	2	1257.685	4.41	Larva	3R:+:20782567-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_107877	LNTPTGGWR	AGAP008916-PA	-	46	0.000344988	2	1001.516	-0.19	Visceras	3R:+:20782495-20782521	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_108935	IPITDNFVIER	AGAP008916-PA	-	82	7.80E-08	2	1316.727	4.4	Male reproductive organs	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_109823	IPITDNFVIER	AGAP008916-PA	-	90	1.05E-08	1	1316.725	3.38	Malpighian tubule	3R:+:20782357-20782389	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_109917	INELIQR	AGAP008916-PA	-	57	1.90E-05	2	885.515	-0.66	Salivary gland	3R:+:20782576-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_109942	EDKINELIQR	AGAP008916-PA	-	58	1.93E-05	1	1257.682	1.4	Ovary	3R:+:20782567-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_111268	GCKPNVLLQR	AGAP008916-PA	C2(Carbamidomethyl)	43	0.000391092	1	1184.657	-0.21	Male reproductive organs	3R:+:20781748-20781777	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_111798	KVSNFLWPFK	AGAP008916-PA	-	69	9.79E-07	1	1265.703	-0.59	Midgut	3R:+:20782465-20782494	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_112165	EKGNIYIPAEPK	AGAP008916-PA	-	62	7.17E-06	1	1358.731	-0.1	Salivary gland	3R:+:20781898-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_114113	LPVVPESWLK	AGAP008916-PA	-	45	0.000143283	1	1167.676	-0.93	Salivary gland	3R:+:20781700-20781729	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_114271	GNIYIPAEPK	AGAP008916-PA	-	50	0.000134146	2	1101.598	3.87	Head	3R:+:20781904-20781933	exon=> In CDS Exon 1 of transcript AGAP008916-PA
JHU_Ag_114923	VLQLFR	AGAP008916-PA	-	46	9.05E-05	2	775.483	0.96	Pupa	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_115896	INELIQR	AGAP008916-PA	-	68	1.50E-06	2	885.515	0.1	Visceras	3R:+:20782576-20782596	exon=> In CDS Exon 3 of transcript AGAP008916-PA
JHU_Ag_115934	VLQLFR	AGAP008916-PA	-	40	0.00037565	2	775.484	1.35	Ovary	3R:+:20782098-20782115	exon=> In CDS Exon 2 of transcript AGAP008916-PA
JHU_Ag_2244	TLAVSGLGVVGR	AGAP008917-PA	-	79	8.81E-08	2	1128.676	2.51	Salivary gland	3R:-:20791592-20791557	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_2873	GGVTIKPFQVK	AGAP008917-PA	-	40	0.000349799	1	1173.697	-1.61	Ovary	3R:-:20791949-20791917	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_3075	SGIVESVLQWAK	AGAP008917-PA	-	73	7.26E-07	2	1316.723	1.89	Head	3R:-:20791775-20791740	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_3168	YLTAGTVGLLDGK	AGAP008917-PA	-	38	0.001152911	2	1307.724	2.54	Male reproductive organs	3R:-:20790269-20790231	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_3481	YIFTMLSALTR	AGAP008917-PA	M5(Oxidation)	74	5.75E-07	2	1331.706	2.18	Malpighian tubule	3R:-:20790575-20790543	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_4387	TLAVSGLGVVGR	AGAP008917-PA	-	58	1.02E-05	2	1128.675	1.22	Pupa	3R:-:20791592-20791557	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_7641	SGIVESVLQWAK	AGAP008917-PA	-	73	5.24E-07	2	1316.731	7.27	Salivary gland	3R:-:20791775-20791740	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_10073	VQTNDEEEEDQQGEGEEEEEQEDVKPGK	AGAP008917-PA	-	83	1.55E-08	1	3233.336	0.07	Head	3R:-:20789702-20789619	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_10230	IFDEILVNAADNK	AGAP008917-PA	-	84	6.60E-08	2	1461.760	1.18	Head	3R:-:20792741-20792703	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_10259	KTAIDDTKPSVDAEPVQFR	AGAP008917-PA	-	91	9.33E-09	1	2117.095	3.35	Malpighian tubule	3R:-:20789261-20789205	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_15480	FVISFLPGEYEK	AGAP008917-PA	-	33	0.005279369	2	1428.749	5.65	Larva	3R:-:20790086-20790051	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_16904	ENVLEPLLHGSDK	AGAP008917-PA	-	80	1.51E-07	1	1450.756	1.86	Head	3R:-:20790179-20790141	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_20704	FVISFLPGEYEK	AGAP008917-PA	-	41	0.000876809	1	1428.740	-0.42	Ovary	3R:-:20790086-20790051	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_21506	NSLNCTLILTEGDSAK	AGAP008917-PA	C5(Carbamidomethyl)	103	9.23E-10	2	1735.863	5.71	Ovary	3R:-:20791640-20791593	exon=> In CDS Exon 1 of transcript AGAP008917-PA

JHU_Ag_23604	NFKDYIDLFLR	AGAP008917-PA	-	38	0.001971 54	1	1443.768	3.19	Ovary	3R:-:20792192-20792160	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_25089	SGIVESVLQWAK	AGAP008917-PA	-	73	7.07E-07	2	1316.724	2.27	Larva	3R:-:20791775-20791740	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_29655	KTAIDDTKPSVDAEPVQFR	AGAP008917-PA	-	39	0.001463 086	1	2117.087	-0.37	Ovary	3R:-:20789261-20789205	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_29936	YEDTGDDDAIMLAFSK	AGAP008917-PA	-	92	6.16E-09	2	1790.779	0.12	Ovary	3R:-:20791070-20791023	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_31477	AYLLGMLQAEADSLSDK	AGAP008917-PA	M6(Oxidation)	96	3.27E-09	2	1840.925	13.48	Larva	3R:-:20789879-20789829	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_33150	NSLNCTLILTEGDSAK	AGAP008917-PA	C5(Carbamidomethyl)	77	3.24E-07	2	1735.865	6.63	Malpighian tubule	3R:-:20791640-20791593	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_33876	LDDDIVGLLSR	AGAP008917-PA	-	90	1.67E-08	2	1215.658	0.1	Ovary	3R:-:20792297-20792265	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_35757	GVIESVGHQK	AGAP008917-PA	-	49	0.000112 331	2	1053.569	0.57	Pupa	3R:-:20790299-20790270	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_35821	FVISFLPGEYEK	AGAP008917-PA	-	50	9.67E-05	1	1428.744	2.4	Male reproductive organs	3R:-:20790086-20790051	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_38065	AVIADYKEYNTDTTVR	AGAP008917-PA	-	82	9.27E-08	2	1858.924	2.93	Malpighian tubule	3R:-:20790134-20790087	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_39066	TAIDDTKPSVDAEPVQFR	AGAP008917-PA	-	52	0.000101 165	1	1988.998	2.67	Malpighian tubule	3R:-:20789258-20789205	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_39770	IFDEILVNAADNK	AGAP008917-PA	-	68	2.73E-06	2	1461.759	0.34	Visceras	3R:-:20792741-20792703	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_41478	RAYDVAASTR	AGAP008917-PA	-	52	7.81E-05	1	1109.573	2.67	Malpighian tubule	3R:-:20792264-20792235	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_43170	AVIADYKEYNTDTTVR	AGAP008917-PA	-	77	3.50E-07	1	1858.919	0.37	Ovary	3R:-:20790134-20790087	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_43737	YIFTMLSALTR	AGAP008917-PA	M5(Oxidation)	59	2.07E-05	2	1331.702	-0.48	Ovary	3R:-:20790575-20790543	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_48615	GFQQVSFVNSIATTK	AGAP008917-PA	-	42	0.000756 826	1	1626.859	6.16	Salivary gland	3R:-:20792069-20792025	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_49229	KIEISELPIGTWTQTYK	AGAP008917-PA	-	35	0.002230 142	3	2007.088	3.93	Midgut	3R:-:20790230-20790180	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_49864	FVISFLPGEYEK	AGAP008917-PA	-	40	0.001282 879	2	1428.740	-0.59	Midgut	3R:-:20790086-20790051	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_50538	LDDDIVGLLSR	AGAP008917-PA	-	59	2.23E-05	2	1215.658	0.1	Male reproductive organs	3R:-:20792297-20792265	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_55565	LPFLEEFITPIVK	AGAP008917-PA	-	101	1.66E-10	1	1545.900	4.88	Salivary gland	3R:-:20791292-20791254	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_59584	TLAVSGLGVVGR	AGAP008917-PA	-	71	5.55E-07	2	1128.674	0.03	Ovary	3R:-:20791592-20791557	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_60259	SGIVESVLQWAK	AGAP008917-PA	-	39	0.001460 653	2	1316.726	4.21	Malpighian tubule	3R:-:20791775-20791740	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_63232	AYDVAASTR	AGAP008917-PA	-	38	0.001530 464	2	953.469	0.72	Male reproductive organs	3R:-:20792261-20792235	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_69994	SGIVESVLQWAK	AGAP008917-PA	-	91	1.05E-08	1	1316.721	0.41	Ovary	3R:-:20791775-20791740	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_70855	GVIESVGHQK	AGAP008917-PA	-	33	0.004251 072	1	1053.572	2.77	Ovary	3R:-:20790299-20790270	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_72702	YLTAGTVGLLDGKK	AGAP008917-PA	-	42	0.000257 504	2	1435.818	1.55	Ovary	3R:-:20790269-20790228	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_74818	AYLLGMLQAEADSLSDKAR	AGAP008917-PA	M6(Oxidation)	46	0.000350 122	1	2068.044	3.08	Malpighian tubule	3R:-:20789879-20789823	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_75136	AYLLGMLQAEADSLSDK	AGAP008917-PA	M6(Oxidation)	62	1.00E-05	2	1840.907	3.8	Ovary	3R:-:20789879-20789829	exon=> In CDS Exon 1 of transcript AGAP008917-PA

JHU_Ag_79879	DITYVPGLYK	AGAP008917-PA	-	42	0.000471148	2	1168.625	0.04	Ovary	3R:-:20792771-20792742	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_82642	GFQQVSFVNSIATTK	AGAP008917-PA	-	46	0.000261475	2	1626.852	1.89	Male reproductive organs	3R:-:20792069-20792025	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_83070	LPFLEEFITPIVK	AGAP008917-PA	-	47	4.93E-05	2	1545.894	0.62	Male reproductive organs	3R:-:20791292-20791254	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_87721	IFDEILVNAADNK	AGAP008917-PA	-	80	1.43E-07	2	1461.760	0.92	Ovary	3R:-:20792741-20792703	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_91035	GVSVYLNGTR	AGAP008917-PA	-	49	0.000150033	2	1065.568	-0.46	Ovary	3R:-:20792234-20792205	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_92593	IKEDFFGNDYTK	AGAP008917-PA	-	36	0.003829417	2	1476.702	0.67	Ovary	3R:-:20792375-20792340	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_93455	TAIDDTKPSVDAEPVQFR	AGAP008917-PA	-	102	1.06E-09	1	1988.994	0.81	Ovary	3R:-:20789258-20789205	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_98907	LDDDIVGLLSR	AGAP008917-PA	-	95	5.43E-09	2	1215.663	4.01	Salivary gland	3R:-:20792297-20792265	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_99647	GFQQVSFVNSIATTK	AGAP008917-PA	-	71	8.92E-07	2	1626.851	1.29	Ovary	3R:-:20792069-20792025	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_102245	YLTAGTVGLLDGK	AGAP008917-PA	-	54	2.88E-05	2	1307.723	1.7	Head	3R:-:20790269-20790231	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_105072	KIEISELPIGTWTQTYK	AGAP008917-PA	-	31	0.005704686	1	2007.082	1.01	Pupa	3R:-:20790230-20790180	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_106657	YAHANEIFMEFYTVR	AGAP008917-PA	M9(Oxidation)	42	0.000842042	1	1906.889	5.31	Larva	3R:-:20789948-20789904	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_109570	HVDYVSDMIVK	AGAP008917-PA	M8(Oxidation)	51	0.000110878	1	1321.641	-3.45	Head	3R:-:20792015-20791983	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_110120	HIFHPLDDPLLEYQYEDNQR	AGAP008917-PA	-	106	4.16E-10	1	2542.209	3.63	Ovary	3R:-:20790542-20790483	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_110502	LPFLEEFITPIVK	AGAP008917-PA	-	103	1.15E-10	2	1545.900	4.49	Ovary	3R:-:20791292-20791254	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_110982	FVISFLPGEYEK	AGAP008917-PA	-	51	8.42E-05	2	1428.747	4.28	Head	3R:-:20790086-20790051	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_112902	IFDEILVNAADNK	AGAP008917-PA	-	59	1.90E-05	2	1461.763	2.93	Salivary gland	3R:-:20792741-20792703	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_114682	IFDEILVNAADNK	AGAP008917-PA	-	40	0.001549261	2	1461.760	0.92	Male reproductive organs	3R:-:20792741-20792703	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_115222	YLTAGTVGLLDGK	AGAP008917-PA	-	67	1.75E-06	2	1307.722	1.05	Ovary	3R:-:20790269-20790231	exon=> In CDS Exon 1 of transcript AGAP008917-PA
JHU_Ag_287	INPPSYAEAVGHQHAYAAAAPLVGPR	AGAP008924-PA	-	63	5.29E-06	1	2657.368	3.5	Head	3R:+:21046917-21046994	exon=> In CDS Exon 1 of transcript AGAP008924-PA
JHU_Ag_78797	ALAPTINEVNYNPR	AGAP008925-PA	-	64	4.54E-06	2	1571.819	1.08	Ovary	3R:-:21069428-21069387	exon=> In CDS Exon 2 of transcript AGAP008925-PA
JHU_Ag_40	VYGISFPDPK	AGAP008929-PA	-	51	0.000136665	2	1122.585	1.44	Head	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_282	MFEYNQFK	AGAP008929-PA	M1(Oxidation)	37	0.002202624	2	1122.496	3.46	Ovary	3R:+:21104216-21104239	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_1456	FGEPWKENPGDGAFYGPK	AGAP008929-PA	-	116	3.85E-11	1	1995.923	-0.32	Midgut	3R:+:21105107-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_1523	NELSGALTGLTR	AGAP008929-PA	-	71	1.05E-06	2	1231.667	2.54	Ovary	3R:+:21104858-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_2553	FGEPWKENPGDGAFYGPK	AGAP008929-PA	-	37	0.003124826	1	1995.923	-0.41	Male reproductive organs	3R:+:21105107-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_2670	GISQGLADNTVIAR	AGAP008929-PA	-	115	3.63E-11	1	1414.767	1.29	Visceras	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_3676	NSATYWEGK	AGAP008929-PA	-	37	0.001374775	2	1055.478	-1.37	Head	3R:+:21104369-21104395	exon=> In CDS Exon 3 of transcript AGAP008929-PA

JHU_Ag_4340	VNNELWDLDRPLEGDCKLQLLK	AGAP008929-PA	C16(Carbamidomethyl)	92	5.47E-09	1	2668.393	6.36	Malpighian tubule	3R:+:21103895-21103960	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_5182	VTTETTTVYR	AGAP008929-PA	-	46	0.000294723	2	1170.600	0.12	Midgut	3R:+:21104261-21104290	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_5183	FNLNYIDDSGEK	AGAP008929-PA	-	53	5.27E-05	2	1414.649	0.47	Salivary gland	3R:+:21105242-21105277	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_5705	VTTETTTVYR	AGAP008929-PA	-	57	2.26E-05	2	1170.600	0.12	Salivary gland	3R:+:21104261-21104290	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_7302	VHGEVTVNDLVTK	AGAP008929-PA	-	98	1.36E-09	1	1410.753	-4.37	Head	3R:+:21105684-21105722	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_7955	RGFQEVISPNIYNAK	AGAP008929-PA	-	82	5.97E-08	1	1735.921	4.91	Malpighian tubule	3R:+:21104630-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_8906	QVMVVPVGPAYDDYADQVRQR	AGAP008929-PA	M3(Oxidation)	45	0.000462235	1	2422.193	4.4	Malpighian tubule	3R:+:21105386-21105448	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_10990	NSATYWEGK	AGAP008929-PA	-	38	0.001193427	1	1055.479	0.2	Midgut	3R:+:21104369-21104395	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_11540	GFQEVISPNIYNAK	AGAP008929-PA	N9(Deamidated)	60	0.0000123	2	1579.815	1.95	Head	3R:+:21104633-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_11831	VYGISFPDPK	AGAP008929-PA	-	56	4.20E-05	1	1122.584	0.57	Pupa	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_11958	FQQDDAHIFCMPDQIR	AGAP008929-PA	C10(Carbamidomethyl), M11(Oxidation)	55	2.90E-05	1	2036.899	1.63	Head	3R:+:21104903-21104950	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_12565	NELSGALTGLTR	AGAP008929-PA	-	77	3.00E-07	1	1231.664	-0.53	Head	3R:+:21104858-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_14349	MIAILTENYAGK	AGAP008929-PA	M1(Oxidation)	49	0.000139465	1	1339.694	1.18	Malpighian tubule	3R:+:21105326-21105361	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_14359	VYGISFPDPK	AGAP008929-PA	-	53	8.23E-05	2	1122.588	4.04	Malpighian tubule	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_14528	VTLPDGK	AGAP008929-PA	-	32	0.002821337	1	729.414	-0.25	Head	3R:+:21103784-21103804	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_14825	QVDGLSWQTTPYDVAR	AGAP008929-PA	-	79	2.35E-07	2	1835.892	-0.03	Pupa	3R:+:21103805-21103852	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_16988	MADFGVLHR	AGAP008929-PA	-	49	0.00015813	2	1045.526	0.94	Salivary gland	3R:+:21104831-21104857	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_17058	AVLGSVER	AGAP008929-PA	-	39	0.001990154	1	830.475	1.96	Pupa	3R:+:21105302-21105325	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_17240	YLGEIEVWNEAEK	AGAP008929-PA	-	59	2.17E-05	2	1579.771	4.35	Malpighian tubule	3R:+:21105044-21105082	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_17292	NSATYWEGKADAETLQR	AGAP008929-PA	-	81	1.30E-07	1	1939.915	0.19	Ovary	3R:+:21104369-21104419	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_18720	NAQLAQFNFILVVGEKER	AGAP008929-PA	-	36	0.001572862	1	2076.127	1.5	Salivary gland	3R:+:21105518-21105551,21105625-21105644	exon=> In CDS Exon 3 and 4 of transcript AGAP008929-PA
JHU_Ag_20972	QVDGLSWQTTPYDVAR	AGAP008929-PA	-	88	2.90E-08	2	1835.894	0.83	Midgut	3R:+:21103805-21103852	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_21481	GISQGLADNTVIAR	AGAP008929-PA	-	114	4.46E-11	1	1414.765	0.26	Pupa	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_21817	DNKVHGEVTVNDLVTK	AGAP008929-PA	-	90	1.19E-08	1	1767.929	2.75	Malpighian tubule	3R:+:21105675-21105722	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_22507	WPFWLSPR	AGAP008929-PA	-	52	0.000141518	2	1088.569	0.8	Male reproductive organs	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_22567	EQELFFFHELSPGSCFFQPK	AGAP008929-PA	C15(Carbamidomethyl)	66	3.32E-06	1	2474.151	1.14	Ovary	3R:+:21104516-21104575	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_22676	CGPLIDLCR	AGAP008929-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	39	0.001402507	2	1103.533	-0.82	Midgut	3R:+:21104291-21104317	exon=> In CDS Exon 3 of transcript AGAP008929-PA

JHU_Ag_23061	MADFGVLHR	AGAP008929-PA	M1(Oxidation)	59	1.97E-05	2	1061.519	-0.26	Midgut	3R:+:21104831-21104857	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_23122	QVMVVPVGPAYDDYADQVR	AGAP008929-PA	M3(Oxidation)	102	1.03E-09	1	2138.031	4.06	Ovary	3R:+:21105386-21105442	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_24937	GISQGLADNTVIAR	AGAP008929-PA	-	89	1.51E-08	1	1414.761	-2.5	Male reproductive organs	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_26983	YLGEIEVWNEAEK	AGAP008929-PA	-	72	1.21E-06	1	1579.765	0.56	Pupa	3R:+:21105044-21105082	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_26990	VYGISFPDPK	AGAP008929-PA	-	59	1.74E-05	2	1122.586	2.85	Ovary	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_27016	NHQCATIQLDFQLPIR	AGAP008929-PA	C4(Carbamidomethyl)	49	0.000159432	1	1953.996	-0.37	Ovary	3R:+:21105194-21105241	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_28250	QVMVVPVGPAYDDYADQVR	AGAP008929-PA	M3(Oxidation)	105	5.60E-10	1	2122.029	0.54	Midgut	3R:+:21105386-21105442	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_29015	QVDGLSWQTTPYDVAR	AGAP008929-PA	-	57	3.20E-05	2	1835.895	1.5	Ovary	3R:+:21103805-21103852	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_31569	EEITGCLDFLR	AGAP008929-PA	C6(Carbamidomethyl)	66	4.19E-06	2	1352.659	5.5	Salivary gland	3R:+:21104951-21104983	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_32036	IDITIMDALKR	AGAP008929-PA	M6(Oxidation)	41	0.000751145	1	1304.724	-0.31	Midgut	3R:+:21105161-21105193	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_32384	VNNELWDLDRPLEGDCK	AGAP008929-PA	C16(Carbamidomethyl)	99	2.09E-09	1	2072.974	1.59	Head	3R:+:21103895-21103945	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_32428	VYGISFPDPK	AGAP008929-PA	-	72	9.01E-07	2	1122.583	0.02	Midgut	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_32866	GFQEVISPNIYNAK	AGAP008929-PA	-	42	0.000726084	2	1579.814	1.64	Male reproductive organs	3R:+:21104633-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_33012	GISQGLADNTVIAR	AGAP008929-PA	-	102	6.63E-10	1	1414.766	0.95	Salivary gland	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_34562	LGKEQELFFFHELSPGSCFFQPK	AGAP008929-PA	C18(Carbamidomethyl)	76	3.23E-07	1	2772.377	9.97	Malpighian tubule	3R:+:21104507-21104575	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_35473	NELSGALTGLTR	AGAP008929-PA	-	83	6.89E-08	1	1231.667	2.35	Malpighian tubule	3R:+:21104858-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_36031	CGPLIDLCR	AGAP008929-PA	C1(Carbamidomethyl), C8(Carbamidomethyl)	47	0.000256529	1	1103.533	-0.27	Salivary gland	3R:+:21104291-21104317	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_36458	NHQCATIQLDFQLPIR	AGAP008929-PA	C4(Carbamidomethyl)	82	7.88E-08	1	1953.994	-1.01	Midgut	3R:+:21105194-21105241	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_38094	ALADSLDKFGEPWK	AGAP008929-PA	-	61	1.30E-05	1	1576.807	3.89	Head	3R:+:21105083-21105124	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_38179	YLGEIEVWNEAEK	AGAP008929-PA	-	85	5.75E-08	1	1579.766	1.02	Ovary	3R:+:21105044-21105082	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_38382	VNNELWDLDRPLEGDCK	AGAP008929-PA	C16(Carbamidomethyl)	83	8.25E-08	2	2072.971	0.38	Visceras	3R:+:21103895-21103945	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_39318	MIAILTENYAGK	AGAP008929-PA	M1(Oxidation)	79	1.48E-07	2	1323.700	1.32	Ovary	3R:+:21105326-21105361	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_39464	FDDPDAQAVFWHSSAHILGEAMEK	AGAP008929-PA	M22(Oxidation)	76	2.52E-07	1	2717.230	0.01	Head	3R:+:21103961-21104032	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_39866	QVMVVPVGPAYDDYADQVR	AGAP008929-PA	M3(Oxidation)	67	3.66E-06	2	2122.042	6.99	Malpighian tubule	3R:+:21105386-21105442	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_40128	QVDGLSWQTTPYDVAR	AGAP008929-PA	-	70	1.75E-06	1	1835.896	2.23	Visceras	3R:+:21103805-21103852	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_41570	GISQGLADNTVIAR	AGAP008929-PA	-	94	4.39E-09	1	1414.766	0.52	Ovary	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_41684	VHGEVTVNDLVTK	AGAP008929-PA	-	58	1.38E-05	1	1410.759	-0.01	Midgut	3R:+:21105684-21105722	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_41893	GFQEVISPNIYNAK	AGAP008929-PA	-	75	4.60E-07	2	1579.811	-0.14	Midgut	3R:+:21104633-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA

JHU_Ag_42781	GAHIYNTLMGFIR	AGAP008929-PA	-	32	0.008577012	1	1492.776	1.72	Ovary	3R:+:21104576-21104614	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_43543	GAHIYNTLMGFIR	AGAP008929-PA	M9(Oxidation)	74	6.29E-07	1	1508.773	3.13	Head	3R:+:21104576-21104614	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_44115	VNNELWDLDRPLEGDCK	AGAP008929-PA	C16(Carbamidomethyl)	74	6.27E-07	1	2072.986	7.15	Malpighian tubule	3R:+:21103895-21103945	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_44736	WPFWLSPR	AGAP008929-PA	-	49	0.000278856	2	1088.573	4.5	Ovary	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_46444	GISQGLADNTVIAR	AGAP008929-PA	-	104	4.55E-10	1	1414.768	2.16	Head	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_46550	VNNELWDLDRPLEGDCK	AGAP008929-PA	C16(Carbamidomethyl)	99	1.90E-09	1	2072.973	0.97	Salivary gland	3R:+:21103895-21103945	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_46784	GAHIYNTLMGFIR	AGAP008929-PA	M9(Oxidation)	89	1.80E-08	1	1492.775	1.64	Midgut	3R:+:21104576-21104614	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_47668	QVDGLSWQTTPYDVAR	AGAP008929-PA	-	66	4.59E-06	2	1835.896	2.03	Head	3R:+:21103805-21103852	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_48009	MFEYNQFK	AGAP008929-PA	-	45	0.000301571	2	1106.498	0.35	Midgut	3R:+:21104216-21104239	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_48513	FNLNYIDDSGEKK	AGAP008929-PA	-	37	0.002807247	2	1542.746	1.86	Midgut	3R:+:21105242-21105280	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_49446	NSATYWEGKADAETLQR	AGAP008929-PA	-	143	7.92E-14	1	1939.924	5.14	Malpighian tubule	3R:+:21104369-21104419	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_49832	ENPGDGAFYGPK	AGAP008929-PA	-	35	0.003046654	2	1251.561	-2.51	Pupa	3R:+:21105125-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_49852	GFQEVISPNIYNAK	AGAP008929-PA	-	66	2.90E-06	1	1579.818	3.88	Ovary	3R:+:21104633-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_50375	VYGISFPDPK	AGAP008929-PA	-	70	1.60E-06	2	1122.583	0.02	Salivary gland	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_50623	ENPGDGAFYGPK	AGAP008929-PA	-	76	2.55E-07	2	1251.564	-0.27	Midgut	3R:+:21105125-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_50909	VTTETTTVYR	AGAP008929-PA	-	53	5.43E-05	2	1170.604	2.94	Larva	3R:+:21104261-21104290	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_51319	YLGEIEVWNEAEK	AGAP008929-PA	-	107	3.62E-10	1	1579.766	1.26	Salivary gland	3R:+:21105044-21105082	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_51465	EEITGCLDFLR	AGAP008929-PA	C6(Carbamidomethyl)	67	3.05E-06	2	1352.656	3.06	Head	3R:+:21104951-21104983	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_52041	FNLNYIDDSGEK	AGAP008929-PA	-	67	2.15E-06	2	1414.649	0.47	Midgut	3R:+:21105242-21105277	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_52481	SWRELPLR	AGAP008929-PA	-	41	0.000494585	1	1056.599	4	Malpighian tubule	3R:+:21104807-21104830	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_52485	WPFWLSPR	AGAP008929-PA	-	51	0.000173305	2	1088.568	0.69	Pupa	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_54117	QVDGLSWQTTPYDVAR	AGAP008929-PA	-	63	9.44E-06	2	1835.900	4.22	Salivary gland	3R:+:21103805-21103852	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_54886	WPFWLSPR	AGAP008929-PA	-	52	0.000131388	2	1088.568	0.46	Salivary gland	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_56525	VNNELWDLDRPLEGDCK	AGAP008929-PA	C16(Carbamidomethyl)	97	3.26E-09	2	2072.972	0.74	Midgut	3R:+:21103895-21103945	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_57163	GISQGLADNTVIAR	AGAP008929-PA	-	102	7.69E-10	2	1414.765	-0.26	Midgut	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_57242	FGEPWKENPGDGAFYGPK	AGAP008929-PA	-	120	1.75E-11	1	1995.924	-0.05	Salivary gland	3R:+:21105107-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_59578	WPFWLSPR	AGAP008929-PA	-	57	4.52E-05	2	1088.568	0.12	Midgut	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_60123	NELSGALTGLTR	AGAP008929-PA	-	86	3.81E-08	1	1231.664	-0.43	Midgut	3R:+:21104858-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA

JHU_Ag_61134	NAQLAQFNFILVVGEKER	AGAP008929-PA	-	55	2.49E-05	1	2076.124	0	Midgut	3R:+:21105518-21105551,21105625-21105644	exon=> In CDS Exon 3 and 4 of transcript AGAP008929-PA
JHU_Ag_61154	AVLGSVER	AGAP008929-PA	-	37	0.0033254	1	830.476	2.99	Malpighian tubule	3R:+:21105302-21105325	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_61700	ILNEKVTTETTTVYR	AGAP008929-PA	-	90	7.97E-09	1	1767.960	6.29	Malpighian tubule	3R:+:21104246-21104290	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_62662	WPFWLSPR	AGAP008929-PA	-	52	0.000134451	2	1088.571	3.04	Head	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_62863	MIAILTENYAGK	AGAP008929-PA	M1(Oxidation)	85	3.42E-08	1	1323.700	1.51	Salivary gland	3R:+:21105326-21105361	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_63413	MADFGVLHRNELSGALTGLTR	AGAP008929-PA	M1(Oxidation)	168	1.56E-16	1	2258.184	5.64	Malpighian tubule	3R:+:21104831-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_63544	QVMVVPVGPAYDDYADQVR	AGAP008929-PA	M3(Oxidation)	46	0.000479156	1	2138.027	2.12	Salivary gland	3R:+:21105386-21105442	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_63764	NHQCATIQLDFQLPIR	AGAP008929-PA	C4(Carbamidomethyl)	61	8.27E-06	1	1954.005	4.32	Malpighian tubule	3R:+:21105194-21105241	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_63776	WPFWLSPR	AGAP008929-PA	-	47	0.000376326	1	1088.572	3.6	Visceras	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_64346	NSATYWEGKADAETLQR	AGAP008929-PA	-	60	1.59E-05	2	1939.916	0.86	Midgut	3R:+:21104369-21104419	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_64742	VYGISFPDPK	AGAP008929-PA	-	54	5.66E-05	2	1122.580	-2.48	Male reproductive organs	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_66232	FDDPDAQAVFWHSSAHILGEAMEK	AGAP008929-PA	M22(Oxidation)	124	4.12E-12	1	2717.236	2.1	Midgut	3R:+:21103961-21104032	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_66325	GFQEVISPNIYNAK	AGAP008929-PA	-	68	2.20E-06	2	1579.812	0.33	Salivary gland	3R:+:21104633-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_66796	VNNELWDLDRPLEGDCK	AGAP008929-PA	C16(Carbamidomethyl)	59	1.99E-05	1	2072.973	1.06	Male reproductive organs	3R:+:21103895-21103945	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_66873	VTTETTTVYR	AGAP008929-PA	-	46	0.000285374	2	1170.600	0.02	Head	3R:+:21104261-21104290	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_67546	VHGEVTVNDLVTK	AGAP008929-PA	-	47	0.000157638	1	1410.760	0.64	Malpighian tubule	3R:+:21105684-21105722	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_68752	MFEYNQFKVR	AGAP008929-PA	-	44	0.000694185	2	1361.673	4.24	Malpighian tubule	3R:+:21104216-21104245	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_69201	MIAILTENYAGK	AGAP008929-PA	-	54	4.12E-05	2	1323.699	1.04	Pupa	3R:+:21105326-21105361	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_69557	GAHIYNTLMGFIR	AGAP008929-PA	M9(Oxidation)	50	0.000145443	2	1508.778	6.37	Malpighian tubule	3R:+:21104576-21104614	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_70233	IDITIMDALK	AGAP008929-PA	-	68	1.39E-06	2	1132.634	5.11	Malpighian tubule	3R:+:21105161-21105190	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_70495	ENPGDGAFYGPK	AGAP008929-PA	-	38	0.001901872	2	1251.568	3.15	Ovary	3R:+:21105125-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_71199	VHGEVTVNDLVTK	AGAP008929-PA	-	66	1.86E-06	2	1410.759	0.04	Ovary	3R:+:21105684-21105722	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_72300	IDITIMDALKR	AGAP008929-PA	-	51	7.08E-05	1	1288.728	-1.04	Ovary	3R:+:21105161-21105193	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_75405	EQELFFFHELSPGSCFFQPK	AGAP008929-PA	C15(Carbamidomethyl)	59	1.72E-05	1	2474.157	3.51	Head	3R:+:21104516-21104575	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_76756	FDDPDAQAVFWHSSAHILGEAMEK	AGAP008929-PA	M22(Oxidation)	99	1.28E-09	1	2717.237	2.43	Ovary	3R:+:21103961-21104032	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_78081	FGEPWKENPGDGAFYGPK	AGAP008929-PA	-	58	2.22E-05	1	1995.929	2.61	Visceras	3R:+:21105107-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_78109	RGFQEVISPNIYNAK	AGAP008929-PA	-	46	0.000217349	1	1735.933	11.59	Ovary	3R:+:21104630-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA

JHU_Ag_78280	YLGEIEVWNEAEK	AGAP008929-PA	-	99	2.56E-09	1	1579.764	-0.21	Midgut	3R:+:21105044-21105082	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_78337	VNNELWDLDRPLEGDCK	AGAP008929-PA	C16(Carbamidomethyl)	90	1.38E-08	1	2072.972	0.7	Ovary	3R:+:21103895-21103945	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_79965	NELSGALTGLTR	AGAP008929-PA	-	75	4.62E-07	2	1231.665	0.76	Male reproductive organs	3R:+:21104858-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_81226	FDDPDAQAVFWHSSAHILGEAMEK	AGAP008929-PA	M22(Oxidation)	76	2.68E-07	1	2717.235	1.89	Salivary gland	3R:+:21103961-21104032	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_81305	NAQLAQFNFILVVGEKER	AGAP008929-PA	-	52	3.88E-05	1	2076.135	5.47	Malpighian tubule	3R:+:21105518-21105551,21105625-21105644	exon=> In CDS Exon 3 and 4 of transcript AGAP008929-PA
JHU_Ag_85283	RGFQEVISPNIYNAK	AGAP008929-PA	-	69	1.18E-06	1	1735.914	0.98	Midgut	3R:+:21104630-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_86354	VHGEVTVNDLVTK	AGAP008929-PA	-	71	7.21E-07	2	1410.757	-1.26	Salivary gland	3R:+:21105684-21105722	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_86697	EQELFFFHELSPGSCFFQPK	AGAP008929-PA	C15(Carbamidomethyl)	83	6.04E-08	1	2474.153	1.88	Salivary gland	3R:+:21104516-21104575	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_90514	FDDPDAQAVFWHSSAHILGEAMEKR	AGAP008929-PA	-	50	0.000159006	1	2857.344	2.71	Ovary	3R:+:21103961-21104035	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_91072	VYGISFPDPK	AGAP008929-PA	-	44	0.000649726	2	1122.586	2.52	Visceras	3R:+:21104420-21104449	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_91777	IDITIMDALKR	AGAP008929-PA	M6(Oxidation)	46	0.000217272	1	1304.725	0.81	Salivary gland	3R:+:21105161-21105193	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_91962	MIAILTENYAGK	AGAP008929-PA	-	63	5.89E-06	2	1323.699	0.86	Head	3R:+:21105326-21105361	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_92526	EEITGCLDFLR	AGAP008929-PA	C6(Carbamidomethyl)	63	9.49E-06	2	1352.650	-0.91	Midgut	3R:+:21104951-21104983	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_93395	VTTETTTVYR	AGAP008929-PA	-	45	0.000364299	2	1170.599	-0.71	Pupa	3R:+:21104261-21104290	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_96199	ADAETLQR	AGAP008929-PA	-	54	7.58E-05	2	903.452	-0.84	Salivary gland	3R:+:21104396-21104419	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_97390	KRPVIIHR	AGAP008929-PA	-	23	0.000274138	2	1018.665	1.4	Head	3R:+:21105278-21105301	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_98544	YGGHLCYGPPIDNGFYYDMFLEGSGISNQDYGALESEVKR	AGAP008929-PA	C6(Carbamidomethyl), M19(Oxidation)	71	6.18E-07	1	4535.039	3.41	Malpighian tubule	3R:+:21104036-21104155	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_99128	KRPVIIHR	AGAP008929-PA	-	19	0.001037012	1	1018.663	-0.15	Pupa	3R:+:21105278-21105301	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_99143	KADLLR	AGAP008929-PA	-	40	0.001342811	2	715.448	3	Malpighian tubule	3R:+:21104198-21104215	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_99717	GISQGLADNTVIAR	AGAP008929-PA	-	112	6.72E-11	1	1414.766	0.69	Malpighian tubule	3R:+:21103853-21103894	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_101377	EEITGCLDFLR	AGAP008929-PA	C6(Carbamidomethyl)	53	8.26E-05	2	1352.657	3.78	Visceras	3R:+:21104951-21104983	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_102528	QVDGLSWQTTPYDVAR	AGAP008929-PA	-	55	4.85E-05	2	1835.906	7.35	Malpighian tubule	3R:+:21103805-21103852	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_103776	FNLNYIDDSGEK	AGAP008929-PA	-	71	8.43E-07	1	1414.655	4.61	Ovary	3R:+:21105242-21105277	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_104568	ALADSLDKFGEPWK	AGAP008929-PA	-	93	8.09E-09	1	1576.796	-3	Midgut	3R:+:21105083-21105124	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_105272	VTTETTTVYR	AGAP008929-PA	-	40	0.001041315	2	1170.603	2.11	Malpighian tubule	3R:+:21104261-21104290	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_105530	MIAILTENYAGK	AGAP008929-PA	M1(Oxidation)	96	3.23E-09	2	1323.697	-0.34	Midgut	3R:+:21105326-21105361	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_106340	DGPEFIDHR	AGAP008929-PA	-	43	0.000381513	3	1085.500	-1.01	Head	3R:+:21103685-21103711	exon=> In CDS Exon 3 of transcript AGAP008929-PA

JHU_Ag_107790	FGEPWKENPGDGAFYGPK	AGAP008929-PA	-	70	1.48E-06	1	1995.927	1.51	Head	3R:+:21105107-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_107989	EQELFFFHELSPGSCFFQPK	AGAP008929-PA	C15(Carbamidomethyl)	61	1.12E-05	1	2474.144	-1.9	Malpighian tubule	3R:+:21104516-21104575	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_108361	VHGEVTVNDLVTK	AGAP008929-PA	-	40	0.000709365	1	1410.759	0.05	Pupa	3R:+:21105684-21105722	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_109719	SSETVNVR	AGAP008929-PA	-	64	7.04E-06	2	891.455	2.03	Malpighian tubule	3R:+:21105645-21105668	exon=> In CDS Exon 4 of transcript AGAP008929-PA
JHU_Ag_109965	NELSGALTGLTR	AGAP008929-PA	-	84	5.54E-08	2	1231.667	2.35	Salivary gland	3R:+:21104858-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_110440	IDITIMDALKR	AGAP008929-PA	M6(Oxidation)	69	9.62E-07	1	1288.737	5.97	Malpighian tubule	3R:+:21105161-21105193	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_111348	QVMVVPVGPAYDDYADQVR	AGAP008929-PA	M3(Oxidation)	87	3.55E-08	2	2138.026	1.77	Head	3R:+:21105386-21105442	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_111357	YLGEIEVWNEAEK	AGAP008929-PA	-	94	7.47E-09	1	1579.770	4.04	Head	3R:+:21105044-21105082	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_111985	NELSGALTGLTR	AGAP008929-PA	-	62	8.89E-06	2	1231.665	0.76	Pupa	3R:+:21104858-21104893	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_112125	WPFWLSPR	AGAP008929-PA	-	52	0.00012929	2	1088.570	2.03	Malpighian tubule	3R:+:21105362-21105385	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_112129	FGEPWKENPGDGAFYGPK	AGAP008929-PA	-	103	7.21E-10	1	1995.925	0.78	Ovary	3R:+:21105107-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_112418	ENPGDGAFYGPK	AGAP008929-PA	-	62	5.97E-06	1	1251.563	-0.66	Head	3R:+:21105125-21105160	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_113657	GFQEVISPNIYNAK	AGAP008929-PA	-	67	2.18E-06	1	1579.820	5.27	Malpighian tubule	3R:+:21104633-21104674	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_115175	NAQLAQFNFILVVGEK	AGAP008929-PA	-	95	2.53E-09	2	1790.980	-0.14	Midgut	3R:+:21105518-21105551,21105625-21105638	exon=> In CDS Exon 3 and 4 of transcript AGAP008929-PA
JHU_Ag_115213	FQQDDAHIFCMPDQIR	AGAP008929-PA	C10(Carbamidomethyl), M11(Oxidation)	46	0.000241625	1	2036.893	-1.34	Salivary gland	3R:+:21104903-21104950	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_115632	MADFGVLHR	AGAP008929-PA	M1(Oxidation)	53	9.15E-05	2	1061.522	1.69	Head	3R:+:21104831-21104857	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_116627	MADFGVLHR	AGAP008929-PA	M1(Oxidation)	39	0.002179212	1	1061.522	2.46	Ovary	3R:+:21104831-21104857	exon=> In CDS Exon 3 of transcript AGAP008929-PA
JHU_Ag_5761	IVQGLSQGFIFPSTHTMLSR	AGAP008931-PA	M17(Oxidation)	116	2.28E-11	1	2235.157	-0.76	Midgut	3R:-:21109953-21109894	exon=> In CDS Exon 2 of transcript AGAP008931-PA
JHU_Ag_27585	EFIESSFGPQDHSR	AGAP008931-PA	-	102	6.90E-10	1	1635.751	6.54	Midgut	3R:-:21109665-21109624	exon=> In CDS Exon 2 of transcript AGAP008931-PA
JHU_Ag_40492	AANKDYEEFDWDEETK	AGAP008931-PA	-	48	6.19E-05	3	1989.837	1.1	Midgut	3R:-:21110258-21110211	exon=> In CDS Exon 1 of transcript AGAP008931-PA
JHU_Ag_49018	TVSNANETQSAR	AGAP008931-PA	-	42	0.001016637	2	1277.612	2.77	Male reproductive organs	3R:-:21108885-21109017,21108738-21108783	exon=> In CDS Exon 4 and 3 of transcript AGAP008931-PA
JHU_Ag_56195	TVSNANETQSAR	AGAP008931-PA	-	54	7.06E-05	1	1277.608	0.29	Malpighian tubule	3R:-:21108885-21109017,21108738-21108783	exon=> In CDS Exon 4 and 3 of transcript AGAP008931-PA
JHU_Ag_64400	NAHNTDGNNANHSD	AGAP008931-PA	N11(Deamidated)	79	2.13E-08	1	1480.580	0.25	Midgut	3R:-:21108782-21108741	exon=> In CDS Exon 4 of transcript AGAP008931-PA
JHU_Ag_67569	IVQGLSQGFIFPSTHTMLSR	AGAP008931-PA	M17(Oxidation)	66	2.15E-06	1	2235.174	6.45	Head	3R:-:21109953-21109894	exon=> In CDS Exon 2 of transcript AGAP008931-PA
JHU_Ag_76956	EFIESSFGPQDHSR	AGAP008931-PA	-	52	6.43E-05	2	1635.740	0.05	Male reproductive organs	3R:-:21109665-21109624	exon=> In CDS Exon 2 of transcript AGAP008931-PA
JHU_Ag_84180	DYEEFDWDEETK	AGAP008931-PA	-	90	1.11E-09	1	1605.626	2.24	Midgut	3R:-:21110246-21110211	exon=> In CDS Exon 1 of transcript AGAP008931-PA

JHU_Ag_93256	EFIESSFGPQDHSR	AGAP008931-PA	-	51	8.50E-05	2	1635.745	3.25	Malpighian tubule	3R:-:21109665-21109624	exon=> In CDS Exon 2 of transcript AGAP008931-PA
JHU_Ag_11033	FFAYHSTETGER	AGAP008932-PA	-	53	4.13E-05	1	1444.643	-4.56	Head	3R:+:21125451-21125486	exon=> In CDS Exon 2 of transcript AGAP008932-PA
JHU_Ag_24708	VTPDWVESDTCQLCTR	AGAP008932-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	45	0.000199422	2	1966.865	0.64	Malpighian tubule	3R:+:21126056-21126103	exon=> In CDS Exon 4 of transcript AGAP008932-PA
JHU_Ag_27124	INIPIMGFEFDVR	AGAP008932-PA	M6(Oxidation)	65	4.54E-06	1	1566.797	-1.28	Ovary	3R:+:21126215-21126253	exon=> In CDS Exon 4 of transcript AGAP008932-PA
JHU_Ag_54649	VTPDWVESDTCQLCTR	AGAP008932-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	80	6.38E-08	1	1966.865	0.88	Head	3R:+:21126056-21126103	exon=> In CDS Exon 4 of transcript AGAP008932-PA
JHU_Ag_74208	SEERPSLATFHDAK	AGAP008932-PA	-	36	0.003708678	2	1587.777	0.27	Head	3R:+:21126284-21126291,21126383-21126416	exon=> In CDS Exon 4 and 5 of transcript AGAP008932-PA
JHU_Ag_74678	LSGTGATLVTTMK	AGAP008932-PA	M12(Oxidation)	81	6.38E-08	2	1295.687	-0.79	Ovary	3R:+:21125693-21125731	exon=> In CDS Exon 3 of transcript AGAP008932-PA
JHU_Ag_78669	AAEIKPAPR	AGAP008932-PA	N-Term(Acetyl)	50	5.34E-05	1	994.570	1.75	Ovary	3R:+:21124718-21124744	exon=> In CDS Exon 1 of transcript AGAP008932-PA
JHU_Ag_79313	AAEIKPAPR	AGAP008932-PA	N-Term(Acetyl)	43	0.00031059	1	994.568	-0.39	Malpighian tubule	3R:+:21124718-21124744	exon=> In CDS Exon 1 of transcript AGAP008932-PA
JHU_Ag_92704	YVFVGDYSGQITMLK	AGAP008932-PA	M13(Oxidation)	88	2.86E-08	2	1736.859	1.5	Midgut	3R:+:21125648-21125692	exon=> In CDS Exon 3 of transcript AGAP008932-PA
JHU_Ag_2463	TPTEEFFENK	AGAP008940-PA	-	36	0.002305808	2	1241.573	3.65	Larva	3R:+:21311790-21311812,21311889-21311895	exon=> In CDS Exon 3 and 4 of transcript AGAP008940-PA
JHU_Ag_8204	TPTEEFFENK	AGAP008940-PA	-	60	1.01E-05	2	1241.568	-0.77	Midgut	3R:+:21311790-21311812,21311889-21311895	exon=> In CDS Exon 3 and 4 of transcript AGAP008940-PA
JHU_Ag_67277	GPIGALGQLCPLFK	AGAP008940-PA	C10(Carbamidomethyl)	74	3.44E-07	1	1470.813	-0.45	Midgut	3R:+:21307929-21307970	exon=> In CDS Exon 2 of transcript AGAP008940-PA
JHU_Ag_94798	GLHYFFRPNWEELGR	AGAP008940-PA	-	42	0.001098635	1	1920.959	4.49	Midgut	3R:+:21312106-21312150	exon=> In CDS Exon 4 of transcript AGAP008940-PA
JHU_Ag_100329	GPIGALGQLCPLFK	AGAP008940-PA	C10(Carbamidomethyl)	53	4.04E-05	1	1470.814	0.22	Malpighian tubule	3R:+:21307929-21307970	exon=> In CDS Exon 2 of transcript AGAP008940-PA
JHU_Ag_4674	VTLLNNDILYGK	AGAP008943-PA	-	103	3.18E-10	1	1362.767	3.28	Head	3R:+:21375528-21375563	exon=> In CDS Exon 2 of transcript AGAP008943-PA
JHU_Ag_7590	KDGSLLPYGR	AGAP008943-PA	-	43	0.000636194	2	1105.600	-0.38	Head	3R:+:21377278-21377307	exon=> In CDS Exon 6 of transcript AGAP008943-PA
JHU_Ag_9937	VTLLNNDILYGK	AGAP008943-PA	-	38	0.000999437	2	1362.768	3.82	Visceras	3R:+:21375528-21375563	exon=> In CDS Exon 2 of transcript AGAP008943-PA
JHU_Ag_13558	EVYIPFGESAVLNCHFR	AGAP008943-PA	C14(Carbamidomethyl)	107	3.04E-10	1	2037.990	2.5	Head	3R:+:21376139-21376189	exon=> In CDS Exon 4 of transcript AGAP008943-PA
JHU_Ag_17317	VNDKHVLEATITNLQPAR	AGAP008943-PA	-	108	9.84E-11	1	2019.100	0.82	Head	3R:+:21377581-21377634	exon=> In CDS Exon 6 of transcript AGAP008943-PA
JHU_Ag_22466	EVYIPFGESAVLNCHFR	AGAP008943-PA	C14(Carbamidomethyl)	81	1.35E-07	1	2037.997	5.86	Visceras	3R:+:21376139-21376189	exon=> In CDS Exon 4 of transcript AGAP008943-PA
JHU_Ag_30902	YSCTPYNDLGTDGPSPIINVIVQRPPFFTIKPK	AGAP008943-PA	C3(Carbamidomethyl)	123	2.29E-12	1	3734.940	4.04	Visceras	3R:+:21377009-21377107	exon=> In CDS Exon 5 of transcript AGAP008943-PA
JHU_Ag_38589	LVYVTK	AGAP008943-PA	-	32	0.000416005	1	722.445	0.9	Head	3R:+:21377108-21377125	exon=> In CDS Exon 5 of transcript AGAP008943-PA
JHU_Ag_56103	DNVSLLEYYDLAHR	AGAP008943-PA	-	78	2.98E-07	2	1707.834	0.04	Head	3R:+:21375860-21375901	exon=> In CDS Exon 3 of transcript AGAP008943-PA
JHU_Ag_60961	VIFPNRVPNK	AGAP008943-PA	-	46	9.83E-05	1	1183.695	0.49	Head	3R:+:21375621-21375650	exon=> In CDS Exon 2 of transcript AGAP008943-PA

JHU_Ag_69715	YSCTPYNDLGTDGPSPIINVIVQRPPFFTIKPK	AGAP008943-PA	C3(Carbamidomethyl)	170	4.65E-17	1	3734.940	3.98	Head	3R:+:21377009-21377107	exon=> In CDS Exon 5 of transcript AGAP008943-PA
JHU_Ag_79905	DGYHIPQITWIK	AGAP008943-PA	-	53	5.49E-05	1	1470.778	2.82	Head	3R:+:21377168-21377203	exon=> In CDS Exon 5 of transcript AGAP008943-PA
JHU_Ag_89441	IGSYVILDCPVDFPQDEPIPYVLHWNK	AGAP008943-PA	C9(Carbamidomethyl)	137	2.26E-13	1	3214.594	0.79	Head	3R:+:21368163-21368243	exon=> In CDS Exon 1 of transcript AGAP008943-PA
JHU_Ag_90529	WEPPELGLDQLR	AGAP008943-PA	-	50	0.000147984	1	1452.753	3.43	Head	3R:+:21377910-21377945	exon=> In CDS Exon 7 of transcript AGAP008943-PA
JHU_Ag_97530	LAEAPEWR	AGAP008943-PA	-	55	3.08E-05	1	971.494	-0.64	Head	3R:+:21377548-21377571	exon=> In CDS Exon 6 of transcript AGAP008943-PA
JHU_Ag_102468	DGFLFDPYNVQGVFYNR	AGAP008943-PA	-	111	1.13E-10	1	2050.970	1.81	Head	3R:+:21376226-21376258,21376943-21376960	exon=> In CDS Exon 4 and 5 of transcript AGAP008943-PA
JHU_Ag_104120	VDDSHAGR	AGAP008943-PA	-	49	8.60E-05	2	856.393	2.33	Head	3R:+:21376985-21377008	exon=> In CDS Exon 5 of transcript AGAP008943-PA
JHU_Ag_115469	HVLEATITNLQPAR	AGAP008943-PA	-	121	5.82E-12	1	1562.865	-0.12	Head	3R:+:21377593-21377634	exon=> In CDS Exon 6 of transcript AGAP008943-PA
JHU_Ag_9925	IIALR	AGAP008947-PA	-	36	0.000604291	1	585.408	0.16	Larva	3R:+:21527732-21527746	exon=> In CDS Exon 2 of transcript AGAP008947-PA
JHU_Ag_15396	SIPFTATLTLDSFGAFLR	AGAP008947-PA	-	94	4.12E-09	1	1957.038	-2.81	Ovary	3R:+:21527156-21527209	exon=> In CDS Exon 1 of transcript AGAP008947-PA
JHU_Ag_17834	RPVHVLIVDTGVSR	AGAP008947-PA	-	54	6.75E-06	1	1547.904	1.38	Ovary	3R:+:21527747-21527788	exon=> In CDS Exon 2 of transcript AGAP008947-PA
JHU_Ag_56971	FLSPGPVPPVLEETSSK	AGAP008947-PA	-	37	0.002439354	1	1783.949	0.72	Pupa	3R:+:21527291-21527341	exon=> In CDS Exon 1 of transcript AGAP008947-PA
JHU_Ag_117016	LGTLVSINNNLLR	AGAP008947-PA	-	60	3.27E-06	2	1426.844	4.53	Ovary	3R:+:21527939-21527977	exon=> In CDS Exon 2 of transcript AGAP008947-PA
JHU_Ag_4984	GSVFVTFAEK	AGAP008952-PA	-	68	1.23E-06	2	1084.567	-0.64	Salivary gland	3R:+:21794487-21794516	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_7222	MQNDYYEAK	AGAP008952-PA	M1(Oxidation)	50	3.25E-05	2	1177.482	-0.59	Midgut	3R:+:21794583-21794609	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_8774	SDEGLVEVSEDR	AGAP008952-PA	-	78	1.70E-07	2	1334.608	0.37	Salivary gland	3R:+:21794235-21794270	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_10085	SDEGLVEVSEDR	AGAP008952-PA	-	68	1.87E-06	2	1334.608	0.82	Head	3R:+:21794235-21794270	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_10462	GSVFVTFAEK	AGAP008952-PA	-	40	0.000854665	2	1084.567	-0.64	Male reproductive organs	3R:+:21794487-21794516	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_11285	GSVFVTFAEKEQCEK	AGAP008952-PA	C13(Carbamidomethyl)	66	4.12E-06	1	1758.838	0.44	Salivary gland	3R:+:21794487-21794531	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_12453	RHPERPLPEMNEER	AGAP008952-PA	M10(Oxidation)	36	0.00424356	1	1805.878	3.72	Larva	3R:+:21794283-21794324	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_13096	ALDETLEFAYIDYQK	AGAP008952-PA	-	73	7.48E-07	1	1818.884	2.22	Salivary gland	3R:+:21794772-21794816	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_19148	DEGWVPLDVLLTFK	AGAP008952-PA	-	81	1.12E-07	1	1631.865	-1.95	Ovary	3R:+:21794139-21794180	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_20613	IDDAEVTADLLVDEKETEYLK	AGAP008952-PA	-	114	6.04E-11	1	2409.189	-1.13	Ovary	3R:+:21794983-21795045	exon=> In CDS Exon 2 of transcript AGAP008952-PA
JHU_Ag_28209	DEGWVPLDVLLTFK	AGAP008952-PA	-	60	1.12E-05	2	1631.869	0.57	Midgut	3R:+:21794139-21794180	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_32339	MQNDYYEAK	AGAP008952-PA	M1(Oxidation)	51	2.93E-05	1	1177.485	1.48	Ovary	3R:+:21794583-21794609	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_35040	HPERPLPEMNEER	AGAP008952-PA	M9(Oxidation)	60	1.44E-05	1	1649.770	-0.03	Ovary	3R:+:21794286-21794324	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_39623	SDEGLVEVSEDR	AGAP008952-PA	-	80	9.91E-08	2	1334.605	-1.64	Ovary	3R:+:21794235-21794270	exon=> In CDS Exon 1 of transcript AGAP008952-PA

JHU_Ag_42557	QLEYYFGDANLAK	AGAP008952-PA	-	46	0.000406928	2	1531.745	1.56	Visceras	3R:+:21794070-21794108	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_43205	NAEQQEDGDGGEPPVKK	AGAP008952-PA	-	112	8.74E-11	1	1797.823	-0.92	Ovary	3R:+:21795166-21795216	exon=> In CDS Exon 2 of transcript AGAP008952-PA
JHU_Ag_44693	QLEYYFGDANLAK	AGAP008952-PA	-	88	2.49E-08	1	1531.744	0.76	Ovary	3R:+:21794070-21794108	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_48759	SDEGLVEVSEDREK	AGAP008952-PA	-	93	7.29E-09	1	1591.750	3.61	Midgut	3R:+:21794235-21794276	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_50987	RQEIYAR	AGAP008952-PA	-	37	0.002876491	1	935.507	0.8	Ovary	3R:+:21794325-21794345	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_51010	GFAPQNGTTMSELVEFFEPFTK	AGAP008952-PA	M10(Oxidation),"N6(Deamidated), M10(Oxidation)"	142	9.52E-14	1	2493.160	-1.87	Ovary	3R:+:21794361-21794426	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_55031	QLEYYFGDANLAK	AGAP008952-PA	-	45	0.000559136	2	1531.746	1.8	Larva	3R:+:21794070-21794108	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_60456	RQEIYAR	AGAP008952-PA	-	38	0.001815118	1	935.509	3.47	Salivary gland	3R:+:21794325-21794345	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_66439	GDASGYVR	AGAP008952-PA	-	50	0.000120343	2	824.390	-0.05	Ovary	3R:+:21794817-21794840	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_66649	SDEGLVEVSEDREK	AGAP008952-PA	-	109	1.81E-10	1	1591.748	1.84	Malpighian tubule	3R:+:21794235-21794276	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_69815	GSVFVTFAEK	AGAP008952-PA	-	67	1.71E-06	1	1084.567	-0.75	Ovary	3R:+:21794487-21794516	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_70077	ESIKEAIR	AGAP008952-PA	-	55	6.01E-05	1	945.536	-0.51	Malpighian tubule	3R:+:21794748-21794771	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_71384	KEEGNNALLAQLPTGACVFMEGLGK	AGAP008952-PA	C17(Carbamidomethyl), M20(Oxidation)	163	7.14E-16	1	2663.317	0.03	Ovary	3R:+:21794661-21794735	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_71866	RHPERPLPEMNEER	AGAP008952-PA	M10(Oxidation)	39	0.001812812	1	1805.871	-0.09	Ovary	3R:+:21794283-21794324	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_72240	VTNIVMR	AGAP008952-PA	-	47	0.000303993	2	832.470	-0.64	Malpighian tubule	3R:+:21794427-21794447	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_72814	RQEIYAR	AGAP008952-PA	-	41	0.001208796	1	935.506	-0.12	Malpighian tubule	3R:+:21794325-21794345	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_77524	SDEGLVEVSEDREK	AGAP008952-PA	-	112	9.75E-11	1	1591.746	1.08	Ovary	3R:+:21794235-21794276	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_83446	DQIAKDEGWVPLDVLLTFK	AGAP008952-PA	-	48	0.000112018	1	2187.166	-1.51	Ovary	3R:+:21794124-21794180	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_86392	SDEGLVEVSEDR	AGAP008952-PA	-	85	3.74E-08	2	1334.606	-0.64	Pupa	3R:+:21794235-21794270	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_87693	ALDETLEFAYIDYQKGDASGYVR	AGAP008952-PA	-	145	5.54E-14	1	2624.255	1.2	Malpighian tubule	3R:+:21794772-21794840	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_90483	QLEYYFGDANLAK	AGAP008952-PA	-	84	6.77E-08	2	1531.742	-0.36	Midgut	3R:+:21794070-21794108	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_101394	SDEGLVEVSEDR	AGAP008952-PA	-	53	5.45E-05	2	1334.608	1.01	Male reproductive organs	3R:+:21794235-21794270	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_109049	VIVDAIAK	AGAP008952-PA	-	43	0.000413015	1	828.519	0.06	Ovary	3R:+:21794211-21794234	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_109625	GFAPQNGTTMSELVEFFEPFTK	AGAP008952-PA	M10(Oxidation)	88	2.29E-08	2	2477.170	0.11	Midgut	3R:+:21794361-21794426	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_110068	KVIVDAIAK	AGAP008952-PA	-	39	0.000370548	1	956.613	-0.71	Ovary	3R:+:21794208-21794234	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_113183	ALDETLEFAYIDYQK	AGAP008952-PA	-	123	6.71E-12	1	1818.880	-0.06	Ovary	3R:+:21794772-21794816	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_114889	QLEYYFGDANLAK	AGAP008952-PA	-	67	3.52E-06	2	1531.746	1.95	Malpighian tubule	3R:+:21794070-21794108	exon=> In CDS Exon 1 of transcript AGAP008952-PA

JHU_Ag_115514	SDEGLVEVSEDREK	AGAP008952-PA	-	61	1.26E-05	1	1591.743	-0.76	Salivary gland	3R:+:21794235-21794276	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_116905	EEGNNALLAQLPTGACVFMEGLGK	AGAP008952-PA	C16(Carbamidomethyl), M19(Oxidation)	44	0.000639052	1	2535.219	-1.24	Ovary	3R:+:21794664-21794735	exon=> In CDS Exon 1 of transcript AGAP008952-PA
JHU_Ag_665	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	35	0.002537014	1	2604.390	7.24	Larva	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_1281	GVSQSVTNGLKPAVVGAAK	AGAP008955-PA	N8(Deamidated)	96	1.26E-09	1	1783.999	4.13	Larva	3R:-:21801710-21801654	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_1434	VQKPEWLVVIGVCTHLGCVPIANAGDFGGYYCPCHGSHYDASGR	AGAP008955-PA	C13(Carbamidomethyl), C18(Carbamidomethyl), C32(Carbamidomethyl), C34(Carbamidomethyl)	112	4.68E-11	1	4904.277	3.75	Visceras	3R:-:21800529-21800398	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_3678	SLVSTFVSSMSASADVLAMSK	AGAP008955-PA	M10(Oxidation), M19(Oxidation)	56	4.19E-05	3	2150.040	1.82	Salivary gland	3R:-:21800826-21800764	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_5739	TSAEIEAEQSVAVATLR	AGAP008955-PA	-	87	2.66E-08	2	1774.923	2.64	Pupa	3R:-:21800679-21800629	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_7144	DPQNDAER	AGAP008955-PA	-	50	3.93E-05	1	944.407	-0.14	Male reproductive organs	3R:-:21800628-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_9598	DPQNDAER	AGAP008955-PA	-	40	0.000436003	2	944.409	2.38	Visceras	3R:-:21800628-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_10807	TSAEIEAEQSVAVATLRDPQNDAER	AGAP008955-PA	-	131	1.09E-12	1	2700.309	0.81	Male reproductive organs	3R:-:21800679-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_11202	GKPLFIR	AGAP008955-PA	-	42	0.000291332	2	830.525	-0.25	Head	3R:-:21800706-21800686	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_11474	SLVSTFVSSMSASADVLAMSK	AGAP008955-PA	M10(Oxidation),M19(Oxidation),"M10(Oxidation), M19(Oxidation)"	143	8.07E-14	1	2134.052	5.4	Visceras	3R:-:21800826-21800764	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_12598	LADIPEGK	AGAP008955-PA	-	51	6.24E-05	1	842.463	0.79	Male reproductive organs	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_13671	VPDFSDYR	AGAP008955-PA	-	39	0.000898061	2	998.458	-0.32	Male reproductive organs	3R:-:21801037-21801014	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_13772	GVSQSVTNGLKPAVVGAAKTEGK	AGAP008955-PA	N8(Deamidated)	115	1.21E-11	1	2198.219	2.1	Malpighian tubule	3R:-:21801710-21801642	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_14902	VPDFSDYRR	AGAP008955-PA	-	51	0.000104079	1	1154.556	-2.48	Head	3R:-:21801037-21801011	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_19528	DPQNDAER	AGAP008955-PA	-	47	9.19E-05	2	944.409	2.38	Head	3R:-:21800628-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_20998	SLVSTFVSSMSASADVLAMSK	AGAP008955-PA	M10(Oxidation),"M10(Oxidation), M19(Oxidation)"	41	0.001219777	3	2150.041	2.51	Pupa	3R:-:21800826-21800764	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_21369	DQVKRPNAK	AGAP008955-PA	-	45	0.000181889	1	1055.595	-0.85	Male reproductive organs	3R:-:21801010-21800984	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_25703	GKPLFIR	AGAP008955-PA	-	37	0.000871084	2	830.527	2.25	Male reproductive organs	3R:-:21800706-21800686	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_25975	GVSQSVTNGLKPAVVGAAK	AGAP008955-PA	N8(Deamidated)	118	5.72E-12	1	1783.010	1.53	Malpighian tubule	3R:-:21801710-21801654	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_27291	LADIPEGK	AGAP008955-PA	-	43	0.000401011	1	842.462	-0.03	Pupa	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA

JHU_Ag_27428	GVSQSVTNGLKPAVVGAAK	AGAP008955-PA	N8(Deamidated)	86	1.47E-08	1	1783.992	0.36	Ovary	3R:-:21801710-21801654	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_27692	TSAEIEAEQSVAVATLRDPQNDAER	AGAP008955-PA	-	150	1.43E-14	1	2700.306	-0.55	Midgut	3R:-:21800679-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_32357	GPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	88	2.03E-08	1	2476.271	-2.19	Midgut	3R:-:21800388-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_33008	VVSGVTGATQIR	AGAP008955-PA	-	84	3.94E-08	2	1187.678	3.12	Visceras	3R:-:21801575-21801746,21800935-21801059	exon=> In CDS Exon 2 and 1 of transcript AGAP008955-PA
JHU_Ag_34833	VVSGVTGATQIR	AGAP008955-PA	-	94	4.41E-09	2	1187.670	-3.77	Midgut	3R:-:21801575-21801746,21800935-21801059	exon=> In CDS Exon 2 and 1 of transcript AGAP008955-PA
JHU_Ag_36674	SVVAAGPIPVVSAAGLPSNNVR	AGAP008955-PA	-	115	7.47E-12	1	2075.167	2.97	Visceras	3R:-:21801641-21801576	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_37828	AAFTYLLVGGAAVSTAYVAK	AGAP008955-PA	-	110	8.13E-11	2	1973.075	0.47	Midgut	3R:-:21800962-21801075,21800611-21800827	exon=> In CDS Exon 3 and 2 of transcript AGAP008955-PA
JHU_Ag_37861	SLVSTFVSSMSASADVLAMSK	AGAP008955-PA	M10(Oxidation),"M10(Oxidation), M19(Oxidation)"	139	2.04E-13	2	2150.039	1.49	Head	3R:-:21800826-21800764	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_40170	LADIPEGK	AGAP008955-PA	-	43	0.00039649	1	842.462	0.7	Salivary gland	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_41279	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	54	2.99E-05	1	2604.377	2.18	Head	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_41320	TSAEIEAEQSVAVATLRDPQNDAER	AGAP008955-PA	-	132	1.01E-12	1	2700.315	2.77	Pupa	3R:-:21800679-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_41588	GKPLFIR	AGAP008955-PA	-	36	0.001117864	1	830.525	0.34	Visceras	3R:-:21800706-21800686	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_45033	VPDFSDYRR	AGAP008955-PA	-	40	0.00157281	2	1154.560	0.69	Visceras	3R:-:21801037-21801011	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_45061	GVSQSVTNGLKPAVVGAAK	AGAP008955-PA	N8(Deamidated)	108	5.97E-11	1	1783.010	1.67	Visceras	3R:-:21801710-21801654	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_45852	LSAVRGVSQSVTNGLKPAVVGAAK	AGAP008955-PA	-	101	9.00E-11	1	2309.334	1.7	Malpighian tubule	3R:-:21801725-21801654	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_48578	MLTNLAK	AGAP008955-PA	N-Term(Acetyl)	47	0.000396205	1	832.464	4.51	Visceras	3R:-:21801746-21801726	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_49735	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	29	0.009239045	1	2604.379	2.95	Ovary	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_50188	TSAEIEAEQSVAVATLRDPQNDAER	AGAP008955-PA	-	170	1.42E-16	1	2700.305	-0.89	Head	3R:-:21800679-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_50330	GVSQSVTNGLKPAVVGAAK	AGAP008955-PA	-	104	1.47E-10	1	1783.009	0.78	Head	3R:-:21801710-21801654	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_50598	AAFTYLLVGGAAVSTAYVAK	AGAP008955-PA	-	68	1.12E-06	1	1973.079	2.25	Pupa	3R:-:21800962-21801075,21800611-21800827	exon=> In CDS Exon 3 and 2 of transcript AGAP008955-PA
JHU_Ag_51513	VPDFSDYR	AGAP008955-PA	-	47	0.000149385	1	998.458	-0.12	Midgut	3R:-:21801037-21801014	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_54092	VVSGVTGATQIR	AGAP008955-PA	-	85	3.02E-08	1	1187.675	0.24	Ovary	3R:-:21801575-21801746,21800935-21801059	exon=> In CDS Exon 2 and 1 of transcript AGAP008955-PA
JHU_Ag_55011	TSAEIEAEQSVAVATLR	AGAP008955-PA	-	136	3.36E-13	2	1774.924	3.53	Visceras	3R:-:21800679-21800629	exon=> In CDS Exon 3 of transcript AGAP008955-PA

JHU_Ag_55373	MLTNLAK	AGAP008955-PA	N-Term(Acetyl), M1(Oxidation)	36	0.004265093	1	848.457	2.29	Head	3R:-:21801746-21801726	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_56414	VPDFSDYRR	AGAP008955-PA	-	40	0.001333293	1	1154.561	1.85	Malpighian tubule	3R:-:21801037-21801011	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_60646	DPQNDAER	AGAP008955-PA	-	44	0.000154334	2	944.407	-0.08	Malpighian tubule	3R:-:21800628-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_64381	GPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	36	0.003061293	1	2476.293	6.98	Malpighian tubule	3R:-:21800388-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_65446	AAFTYLLVGGAAVSTAYVAK	AGAP008955-PA	-	36	0.001815892	2	1973.072	-1.02	Malpighian tubule	3R:-:21800962-21801075,21800611-21800827	exon=> In CDS Exon 3 and 2 of transcript AGAP008955-PA
JHU_Ag_65637	VQKPEWLVVIGVCTHLGCVPIANAGDFGGYYCPCHGSHYDASGR	AGAP008955-PA	C13(Carbamidomethyl), C18(Carbamidomethyl), C32(Carbamidomethyl), C34(Carbamidomethyl)	157	1.36E-15	1	4904.255	-0.91	Head	3R:-:21800529-21800398	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_66097	VPDFSDYRR	AGAP008955-PA	-	43	0.000711816	1	1154.554	-4.38	Midgut	3R:-:21801037-21801011	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_68007	SLVSTFVSSMSASADVLAMSK	AGAP008955-PA	M10(Oxidation),"M10(Oxidation), M19(Oxidation)",M19(Oxidation)	123	7.64E-12	1	2150.029	-3.17	Midgut	3R:-:21800826-21800764	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_69481	TSAEIEAEQSVAVATLRDPQNDAER	AGAP008955-PA	-	150	1.45E-14	1	2700.311	1.28	Salivary gland	3R:-:21800679-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_70737	SLVSTFVSSMSASADVLAMSKIEIK	AGAP008955-PA	M10(Oxidation), M19(Oxidation)	44	0.000356824	1	2633.359	6.66	Malpighian tubule	3R:-:21800826-21800752	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_71652	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	44	0.000331655	1	2604.369	-0.77	Salivary gland	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_72650	IEIKLADIPEGK	AGAP008955-PA	-	76	1.33E-07	1	1325.771	2.62	Malpighian tubule	3R:-:21800763-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_73065	TEGKSVVAAGPIPVVSAAGLPSNNVR	AGAP008955-PA	-	73	1.69E-07	1	2490.376	3.18	Malpighian tubule	3R:-:21801653-21801576	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_73337	TSAEIEAEQSVAVATLRDPQNDAER	AGAP008955-PA	-	164	5.70E-16	1	2700.310	0.94	Visceras	3R:-:21800679-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA
JHU_Ag_73412	LADIPEGK	AGAP008955-PA	-	43	0.000395669	1	842.462	-0.39	Head	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_74011	LADIPEGK	AGAP008955-PA	-	43	0.000389343	1	842.462	-0.17	Visceras	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_74974	LADIPEGK	AGAP008955-PA	-	42	0.000423869	1	842.462	0.63	Malpighian tubule	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_75616	NDSADDRAAFTYLLVGGAAVSTAYVAK	AGAP008955-PA	-	58	1.85E-05	3	2746.379	3.72	Visceras	3R:-:21800983-21801075,21800611-21800827	exon=> In CDS Exon 3 and 2 of transcript AGAP008955-PA
JHU_Ag_76719	AAFTYLLVGGAAVSTAYVAK	AGAP008955-PA	-	141	6.52E-14	1	1973.077	1.14	Visceras	3R:-:21800962-21801075,21800611-21800827	exon=> In CDS Exon 3 and 2 of transcript AGAP008955-PA
JHU_Ag_77304	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	89	1.08E-08	1	2604.379	3.08	Visceras	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_80475	TSAEIEAEQSVAVATLRDPQNDAER	AGAP008955-PA	-	147	2.65E-14	1	2700.313	2.23	Malpighian tubule	3R:-:21800679-21800858,21800317-21800530	exon=> In CDS Exon 4 and 3 of transcript AGAP008955-PA

JHU_Ag_81062	SVVAAGPIPVVSAAGLPSNNVR	AGAP008955-PA	-	155	8.17E-16	1	2075.160	-0.56	Head	3R:-:21801641-21801576	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_81895	TSAEIEAEQSVAVATLR	AGAP008955-PA	Q9(Deamidated)	116	3.49E-11	2	1774.919	0.16	Midgut	3R:-:21800679-21800629	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_86600	LADIPEGK	AGAP008955-PA	-	42	0.000434843	1	842.462	-0.39	Midgut	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_90619	VVSGVTGATQIR	AGAP008955-PA	-	92	6.60E-09	2	1187.678	2.81	Malpighian tubule	3R:-:21801575-21801746,21800935-21801059	exon=> In CDS Exon 2 and 1 of transcript AGAP008955-PA
JHU_Ag_91471	TSAEIEAEQSVAVATLR	AGAP008955-PA	-	74	5.76E-07	2	1774.922	2.02	Salivary gland	3R:-:21800679-21800629	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_91578	GVSQSVTNGLKPAVVGAAK	AGAP008955-PA	N8(Deamidated)	118	1.14E-11	1	1783.984	-4.29	Midgut	3R:-:21801710-21801654	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_91707	VVSGVTGATQIR	AGAP008955-PA	-	91	8.28E-09	1	1187.674	-0.38	Head	3R:-:21801575-21801746,21800935-21801059	exon=> In CDS Exon 2 and 1 of transcript AGAP008955-PA
JHU_Ag_91941	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	77	1.62E-07	1	2604.389	7.01	Midgut	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_92366	SVVAAGPIPVVSAAGLPSNNVR	AGAP008955-PA	-	133	1.15E-13	1	2075.164	1.44	Ovary	3R:-:21801641-21801576	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_93211	VPDFSDYR	AGAP008955-PA	-	32	0.004778659	2	998.458	0.23	Malpighian tubule	3R:-:21801037-21801014	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_95757	VQKPEWLVVIGVCTHLGCVPIANAGDFGGYYCPCHGSHYDASGR	AGAP008955-PA	C13(Carbamidomethyl), C18(Carbamidomethyl), C32(Carbamidomethyl), C34(Carbamidomethyl)	71	5.58E-07	1	4904.239	-4.03	Midgut	3R:-:21800529-21800398	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_95979	VPDFSDYR	AGAP008955-PA	-	41	0.000560152	1	998.458	0.06	Visceras	3R:-:21801037-21801014	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_97549	TSAEIEAEQSVAVATLR	AGAP008955-PA	Q9(Deamidated)	132	9.08E-13	2	1774.919	0.3	Head	3R:-:21800679-21800629	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_98841	TSAEIEAEQSVAVATLR	AGAP008955-PA	-	92	7.72E-09	2	1774.931	6.97	Malpighian tubule	3R:-:21800679-21800629	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_100720	VPDFSDYR	AGAP008955-PA	-	50	6.55E-05	1	998.457	-0.44	Head	3R:-:21801037-21801014	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_101790	MLTNLAK	AGAP008955-PA	N-Term(Acetyl), M1(Oxidation)	41	0.001264528	2	848.456	1.19	Malpighian tubule	3R:-:21801746-21801726	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_103316	GPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	40	0.001108932	2	2476.284	3.33	Visceras	3R:-:21800388-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_104077	LADIPEGK	AGAP008955-PA	-	42	0.000464763	1	842.464	2.22	Larva	3R:-:21800751-21800728	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_109481	SLVSTFVSSMSASADVLAMSK	AGAP008955-PA	M10(Oxidation), M19(Oxidation)	75	5.61E-07	1	2150.038	1.14	Male reproductive organs	3R:-:21800826-21800764	exon=> In CDS Exon 3 of transcript AGAP008955-PA
JHU_Ag_112449	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	49	0.000104269	1	2604.384	4.85	Pupa	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_113672	SVVAAGPIPVVSAAGLPSNNVR	AGAP008955-PA	-	117	4.59E-12	1	2075.165	2.03	Malpighian tubule	3R:-:21801641-21801576	exon=> In CDS Exon 1 of transcript AGAP008955-PA
JHU_Ag_114277	AAFTYLLVGGAAVSTAYVAK	AGAP008955-PA	-	144	3.14E-14	1	1973.075	0.21	Head	3R:-:21800962-21801075,21800611-21800827	exon=> In CDS Exon 3 and 2 of transcript AGAP008955-PA
JHU_Ag_114850	VPDFSDYRR	AGAP008955-PA	-	52	9.25E-05	1	1154.558	-0.58	Male reproductive organs	3R:-:21801037-21801011	exon=> In CDS Exon 2 of transcript AGAP008955-PA
JHU_Ag_116770	GPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	45	0.000403533	1	2476.275	-0.41	Head	3R:-:21800388-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA

JHU_Ag_117024	NDSADDRAAFTYLLVGGAAVSTAYVAK	AGAP008955-PA	-	110	1.38E-10	1	2746.384	5.72	Malpighian tubule	3R:-:21800983-21801075,21800611-21800827	exon=> In CDS Exon 3 and 2 of transcript AGAP008955-PA
JHU_Ag_117475	KGPAPLNLEVPHYEFPEDGLLIVG	AGAP008955-PA	-	88	1.23E-08	1	2604.374	1.2	Malpighian tubule	3R:-:21800391-21800320	exon=> In CDS Exon 4 of transcript AGAP008955-PA
JHU_Ag_24859	DGDVVQGQYSLVEPDGTR	AGAP008960-PA	Q6(Deamidated),Q8(Deamidated)	110	1.43E-10	1	1934.910	0.44	Head	3R:-:22056493-22056586,22056035-22056365	exon=> In CDS Exon 4 and 3 of transcript AGAP008960-PA
JHU_Ag_40887	SADAAVVK	AGAP008960-PA	-	45	0.000612573	1	760.419	-0.73	Head	3R:-:22056307-22056284	exon=> In CDS Exon 4 of transcript AGAP008960-PA
JHU_Ag_85272	TVDYTADPVNGFNAVVSK	AGAP008960-PA	N13(Deamidated),N10(Deamidated)	121	1.21E-11	1	1896.937	1.81	Head	3R:-:22056361-22056308	exon=> In CDS Exon 4 of transcript AGAP008960-PA
JHU_Ag_90331	TEEYDAHPQYSFSYDVQDSLTGDNK	AGAP008960-PA	-	162	3.11E-16	1	2909.246	2.62	Head	3R:-:22056586-22056512	exon=> In CDS Exon 3 of transcript AGAP008960-PA
JHU_Ag_110259	DGDVVQGQYSLVEPDGTRR	AGAP008960-PA	-	82	8.75E-08	1	2091.013	1.55	Head	3R:-:22056493-22056586,22056035-22056362	exon=> In CDS Exon 4 and 3 of transcript AGAP008960-PA
JHU_Ag_13063	RGEFYLHQFTK	AGAP008961-PA	-	56	3.24E-05	1	1425.733	4.08	Larva	3R:-:22227720-22227688	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_17915	MLSFWLEK	AGAP008961-PA	-	38	0.001916823	2	1053.544	0.28	Midgut	3R:-:22227633-22227610	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_21716	NPAVVEEMTK	AGAP008961-PA	M8(Oxidation)	52	8.70E-05	1	1133.555	4.04	Larva	3R:-:22227663-22227634	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_24310	HTASWVAGSHDHSR	AGAP008961-PA	-	74	4.79E-07	1	1547.719	5.85	Larva	3R:-:22227219-22227178	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_40149	DEPPGWGAPGTYDELDHIYTK	AGAP008961-PA	-	50	0.000130128	1	2361.081	5.86	Larva	3R:-:22227549-22227487	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_45827	MLSFWLEK	AGAP008961-PA	M1(Oxidation)	47	0.000187501	2	1069.540	1.38	Larva	3R:-:22227633-22227610	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_52122	GEFYLHQFTK	AGAP008961-PA	-	43	0.000629369	2	1269.632	4.8	Larva	3R:-:22227717-22227688	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_52537	RHPTLVHGEFK	AGAP008961-PA	-	47	0.00021132	2	1320.722	3.72	Larva	3R:-:22226805-22226773	exon=> In CDS Exon 2 of transcript AGAP008961-PA
JHU_Ag_53351	ELHGEDTLVTVLNMATSSR	AGAP008961-PA	-	39	0.002230562	3	2073.024	-2.22	Midgut	3R:-:22226733-22226677	exon=> In CDS Exon 2 of transcript AGAP008961-PA
JHU_Ag_62578	TVDLGDFVNLPAR	AGAP008961-PA	-	82	9.32E-08	2	1416.750	0.94	Midgut	3R:-:22226676-22226638	exon=> In CDS Exon 2 of transcript AGAP008961-PA
JHU_Ag_65930	LTVEIAQPMSNYK	AGAP008961-PA	M9(Oxidation)	51	0.000115754	2	1509.770	5.38	Larva	3R:-:22226637-22226599	exon=> In CDS Exon 2 of transcript AGAP008961-PA
JHU_Ag_68675	TVDLGDFVNLPAR	AGAP008961-PA	-	88	2.02E-08	1	1416.754	4.21	Larva	3R:-:22226676-22226638	exon=> In CDS Exon 2 of transcript AGAP008961-PA
JHU_Ag_80498	QGAHMPFNFQLIYDFR	AGAP008961-PA	M5(Oxidation)	57	2.94E-05	1	1999.944	-2.11	Midgut	3R:-:22227333-22227286	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_87489	DNPDTYNVVYGWR	AGAP008961-PA	-	116	2.58E-11	1	1598.729	3.59	Larva	3R:-:22227486-22227448	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_88052	LDAINHMFEDAQLR	AGAP008961-PA	M7(Oxidation)	68	2.27E-06	1	1688.810	2.41	Larva	3R:-:22227591-22227550	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_95919	RGEFYLHQFTK	AGAP008961-PA	-	54	4.95E-05	1	1425.726	-1.06	Midgut	3R:-:22227720-22227688	exon=> In CDS Exon 1 of transcript AGAP008961-PA
JHU_Ag_104927	TVDLGDFVNLPAR	AGAP008961-PA	-	60	1.57E-05	2	1416.753	3.26	Malpighian tubule	3R:-:22226676-22226638	exon=> In CDS Exon 2 of transcript AGAP008961-PA
JHU_Ag_116996	ELHGEDTLVTVLNMATSSR	AGAP008961-PA	M14(Oxidation)	107	2.71E-10	1	2089.033	4.5	Larva	3R:-:22226733-22226677	exon=> In CDS Exon 2 of transcript AGAP008961-PA
JHU_Ag_10716	HKVGHLLTAK	AGAP008962-PA	-	25	0.00310456	1	1103.676	6.48	Larva	3R:-:22241492-22241463	exon=> In CDS Exon 3 of transcript AGAP008962-PA

JHU_Ag_20258	NPAVVAEFDDVLR	AGAP008962-PA	-	82	8.42E-08	2	1444.747	2.75	Larva	3R:-:22242622-22242584	exon=> In CDS Exon 2 of transcript AGAP008962-PA
JHU_Ag_27497	SFYDTNDDGVGDVR	AGAP008962-PA	-	91	5.14E-09	2	1559.667	4.08	Larva	3R:-:22243168-22243127	exon=> In CDS Exon 1 of transcript AGAP008962-PA
JHU_Ag_31148	IDGMQLMLLTLPGVAVTYNGDEIGMIDHR	AGAP008962-PA	M4(Oxidation), M7(Oxidation), N19(Deamidated), M25(Oxidation)	61	9.71E-06	1	3221.584	9.54	Larva	3R:-:22242044-22241958	exon=> In CDS Exon 3 of transcript AGAP008962-PA
JHU_Ag_38219	NPAVVAEFDDVLR	AGAP008962-PA	-	78	2.20E-07	2	1444.747	2.66	Head	3R:-:22242622-22242584	exon=> In CDS Exon 2 of transcript AGAP008962-PA
JHU_Ag_43108	VVLINFYGER	AGAP008962-PA	-	45	0.000281097	2	1209.665	2.09	Head	3R:-:22241597-22241568	exon=> In CDS Exon 3 of transcript AGAP008962-PA
JHU_Ag_43215	DLPETYDVIAHWR	AGAP008962-PA	-	79	1.81E-07	1	1614.798	4.26	Head	3R:-:22242442-22242404	exon=> In CDS Exon 2 of transcript AGAP008962-PA
JHU_Ag_63098	VGHLLTAK	AGAP008962-PA	-	33	0.000736362	2	838.517	3.45	Larva	3R:-:22241486-22241463	exon=> In CDS Exon 3 of transcript AGAP008962-PA
JHU_Ag_64397	IVLDFVPNHTSNK	AGAP008962-PA	-	45	0.000285971	1	1483.795	3.15	Larva	3R:-:22242937-22242899	exon=> In CDS Exon 1 of transcript AGAP008962-PA
JHU_Ag_68474	SFYDTNDDGVGDVR	AGAP008962-PA	-	91	5.32E-09	2	1559.666	3.14	Head	3R:-:22243168-22243127	exon=> In CDS Exon 1 of transcript AGAP008962-PA
JHU_Ag_70786	NPAVVAEFDDVLR	AGAP008962-PA	-	45	0.000436806	2	1444.745	1.06	Pupa	3R:-:22242622-22242584	exon=> In CDS Exon 2 of transcript AGAP008962-PA
JHU_Ag_74458	VVLINFYGER	AGAP008962-PA	-	42	0.000630556	2	1209.658	-3.46	Midgut	3R:-:22241597-22241568	exon=> In CDS Exon 3 of transcript AGAP008962-PA
JHU_Ag_83175	GEYYLHQFAK	AGAP008962-PA	-	48	0.000196952	1	1255.608	-2.12	Head	3R:-:22242676-22242647	exon=> In CDS Exon 2 of transcript AGAP008962-PA
JHU_Ag_89110	DISYEDTLDPQGCNLGPEGYR	AGAP008962-PA	C13(Carbamidomethyl)	81	6.55E-08	2	2399.046	0.31	Head	3R:-:22241957-22241895	exon=> In CDS Exon 3 of transcript AGAP008962-PA
JHU_Ag_106013	VPFQWDDTYNAGFSR	AGAP008962-PA	-	103	5.73E-10	1	1802.824	5.65	Larva	3R:-:22241870-22241826	exon=> In CDS Exon 3 of transcript AGAP008962-PA
JHU_Ag_106645	SFYDTNDDGVGDVR	AGAP008962-PA	-	67	1.12E-06	2	1559.661	-0.07	Pupa	3R:-:22243168-22243127	exon=> In CDS Exon 1 of transcript AGAP008962-PA
JHU_Ag_116288	VVLINFYGER	AGAP008962-PA	-	78	1.01E-07	1	1209.666	2.39	Larva	3R:-:22241597-22241568	exon=> In CDS Exon 3 of transcript AGAP008962-PA
JHU_Ag_7820	DYYVWR	AGAP008963-PA	-	36	0.001538707	1	901.418	-3.05	Midgut	3R:-:22246637-22246620	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_9470	NGVNGGTPNNWQSVFHTPAWTQPAGQTQYYLHQFDK	AGAP008963-PA	N4(Deamidated),Q12(Deamidated),"N1(Deamidated), N4(Deamidated)",N1(Deamidated)	200	1.09E-19	1	4090.901	6.5	Larva	3R:-:22246619-22246832,22246066-22246444	exon=> In CDS Exon 2 and 1 of transcript AGAP008963-PA
JHU_Ag_9709	DVFDQYK	AGAP008963-PA	-	51	4.69E-05	1	914.426	0.63	Midgut	3R:-:22246200-22246180	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_14655	DVFDQYK	AGAP008963-PA	-	48	9.03E-05	1	914.426	0.43	Pupa	3R:-:22246200-22246180	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_15274	DVDPIFGTMADLDR	AGAP008963-PA	M9(Oxidation)	118	1.79E-11	1	1580.727	0.26	Midgut	3R:-:22246796-22246755	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_15738	DYYVWR	AGAP008963-PA	-	42	0.000359054	1	901.423	2.96	Larva	3R:-:22246637-22246620	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_17150	VILDFVPNHTSDEHEWFVK	AGAP008963-PA	N8(Deamidated)	110	1.53E-10	1	2312.144	4.06	Larva	3R:-:22246721-22246665	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_18148	LMMTEAYANLEQTMLWYGNANRK	AGAP008963-PA	M2(Oxidation), M3(Oxidation), M14(Oxidation)	40	0.001053373	1	2796.278	-0.29	Midgut	3R:-:22246158-22246090	exon=> In CDS Exon 2 of transcript AGAP008963-PA

JHU_Ag_22139	LMMTEAYANLEQTMLWYGNANR	AGAP008963-PA	M2(Oxidation), M3(Oxidation), M14(Oxidation),"M2(Oxidation), M3(Oxidation)"	100	8.17E-10	1	2652.186	-1.28	Midgut	3R:-:22246158-22246093	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_24146	LMMTEAYANLEQTMLWYGNANR	AGAP008963-PA	M2(Oxidation), M3(Oxidation), M14(Oxidation)	110	1.00E-10	1	2668.197	4.8	Larva	3R:-:22246158-22246093	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_26783	YTQNLPECYDLIYDWR	AGAP008963-PA	C8(Carbamidomethyl)	131	6.66E-13	1	2148.967	-1.04	Midgut	3R:-:22246248-22246201	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_31188	DEELIDPK	AGAP008963-PA	-	45	0.000322955	1	958.475	2.12	Larva	3R:-:22246305-22246282	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_40363	DVDPIFGTMADLDR	AGAP008963-PA	M9(Oxidation)	119	1.50E-11	1	1580.728	0.88	Larva	3R:-:22246796-22246755	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_41879	NGVNGGTPNNWQSVFHTPAWTQPAGQTQYYLHQFDKK	AGAP008963-PA	N4(Deamidated),"N1(Deamidated), N4(Deamidated)",N1(Deamidated)	136	2.69E-13	1	4218.983	3.23	Larva	3R:-:22246619-22246832,22246066-22246441	exon=> In CDS Exon 2 and 1 of transcript AGAP008963-PA
JHU_Ag_45221	SLNNEGDYR	AGAP008963-PA	-	43	0.000580809	2	1067.474	-0.79	Midgut	3R:-:22246664-22246638	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_53360	VKQEMADMVR	AGAP008963-PA	M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	52	9.55E-05	1	1238.586	-0.7	Midgut	3R:-:22246410-22246381	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_54069	IDAINHVYEDPQFRDEELIDPK	AGAP008963-PA	-	76	3.55E-07	1	2656.288	-0.42	Midgut	3R:-:22246347-22246282	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_60435	IDAINHVYEDPQFR	AGAP008963-PA	-	48	0.000255324	1	1716.839	2.61	Midgut	3R:-:22246347-22246306	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_60778	YTQNLPECYDLIYDWR	AGAP008963-PA	C8(Carbamidomethyl)	145	3.23E-14	1	2148.978	3.85	Larva	3R:-:22246248-22246201	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_61055	GELIWENLDHK	AGAP008963-PA	-	68	2.15E-06	1	1353.685	3.65	Larva	3R:-:22246281-22246249	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_61641	IDAINHVYEDPQFR	AGAP008963-PA	N5(Deamidated)	94	7.97E-09	1	1717.829	6.37	Larva	3R:-:22246347-22246306	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_63532	MADFGYDISDFR	AGAP008963-PA	M1(Oxidation)	99	6.15E-10	2	1452.618	5.26	Larva	3R:-:22246832-22246797	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_66718	DVFDQYK	AGAP008963-PA	-	57	1.30E-05	1	914.430	4.43	Larva	3R:-:22246200-22246180	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_66985	SLNNEGDYRDYYVWR	AGAP008963-PA	N3(Deamidated)	101	7.88E-10	1	1949.877	-0.12	Midgut	3R:-:22246664-22246620	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_70056	VILDFVPNHTSDEHEWFVK	AGAP008963-PA	N8(Deamidated)	96	3.98E-09	1	2312.138	1.63	Midgut	3R:-:22246721-22246665	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_70538	LMMTEAYANLEQTMLWYGNANRK	AGAP008963-PA	M2(Oxidation), M3(Oxidation), M14(Oxidation),"M2(Oxidation), M3(Oxidation), Q12(Deamidated), M14(Oxidation)","M2(Oxidation), M3(Oxidation), N9(Deamidated), M14(Oxidation)"	87	2.68E-08	1	2796.285	2.2	Larva	3R:-:22246158-22246090	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_85279	SLNNEGDYR	AGAP008963-PA	-	47	0.000196077	1	1067.480	4.69	Larva	3R:-:22246664-22246638	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_90317	GELIWENLDHK	AGAP008963-PA	-	65	4.20E-06	2	1353.682	1.3	Midgut	3R:-:22246281-22246249	exon=> In CDS Exon 2 of transcript AGAP008963-PA

JHU_Ag_93869	DEELIDPK	AGAP008963-PA	-	45	0.000306537	2	958.475	1.79	Midgut	3R:-:22246305-22246282	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_98037	NGVNGGTPNNWQSVFHTPAWTQPAGQTQYYLHQFDKK	AGAP008963-PA	N1(Deamidated), N4(Deamidated),N9(Deamidated),N4(Deamidated),Q12(Deamidated),N10(Deamidated),N1(Deamidated)	63	5.22E-06	1	4218.968	-0.35	Midgut	3R:-:22246619-22246832,22246066-22246441	exon=> In CDS Exon 2 and 1 of transcript AGAP008963-PA
JHU_Ag_99883	VILDFVPNHTSDEHEWFVK	AGAP008963-PA	-	57	2.70E-05	1	2312.137	0.83	Pupa	3R:-:22246721-22246665	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_103329	YTQNLPECYDLIYDWR	AGAP008963-PA	C8(Carbamidomethyl)	62	6.45E-06	2	2148.971	0.55	Pupa	3R:-:22246248-22246201	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_105434	SLNNEGDYRDYYVWR	AGAP008963-PA	-	90	1.08E-08	1	1949.883	2.79	Larva	3R:-:22246664-22246620	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_105763	NGVNGGTPNNWQSVFHTPAWTQPAGQTQYYLHQFDK	AGAP008963-PA	N4(Deamidated),"N1(Deamidated), N4(Deamidated)",Q22(Deamidated)	53	4.71E-05	1	4090.872	-0.49	Midgut	3R:-:22246619-22246832,22246066-22246444	exon=> In CDS Exon 2 and 1 of transcript AGAP008963-PA
JHU_Ag_111146	SLNNEGDYRDYYVWR	AGAP008963-PA	-	58	1.58E-05	1	1949.881	1.85	Pupa	3R:-:22246664-22246620	exon=> In CDS Exon 1 of transcript AGAP008963-PA
JHU_Ag_112513	IDAINHVYEDPQFRDEELIDPK	AGAP008963-PA	-	45	0.000430086	1	2656.296	2.48	Malpighian tubule	3R:-:22246347-22246282	exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_21531	AAAGSHMPFNFLLITDLNR	AGAP008965-PA	M7(Oxidation)	68	2.01E-06	1	2104.071	2.88	Larva	3R:-:22256589-22256533	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_23553	VGATANWVLGNHDQPR	AGAP008965-PA	-	95	6.47E-09	2	1734.876	5.2	Larva	3R:-:22256472-22256425	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_25310	TVDLVAVFPK	AGAP008965-PA	-	54	2.60E-05	2	1088.636	0.65	Pupa	3R:-:22255941-22255912	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_26998	TPFQWDGTANAGFSSGPTTWLPVHPNYR	AGAP008965-PA	-	138	2.06E-13	1	3104.472	2.32	Pupa	3R:-:22256229-22256146	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_37537	LIVGGYDGLVLR	AGAP008965-PA	-	50	3.04E-05	2	1274.751	3.06	Larva	3R:-:22255737-22255702	exon=> In CDS Exon 4 of transcript AGAP008965-PA
JHU_Ag_39106	VGATANWVLGNHDQPR	AGAP008965-PA	-	57	3.90E-05	1	1734.873	3.19	Malpighian tubule	3R:-:22256472-22256425	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_48385	AAAGSHMPFNFLLITDLNR	AGAP008965-PA	M7(Oxidation)	51	9.69E-05	1	2104.067	1.32	Pupa	3R:-:22256589-22256533	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_56211	DSSAQDFVYTIQK	AGAP008965-PA	-	46	0.000287357	2	1501.715	-1.05	Midgut	3R:-:22256532-22256494	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_61882	DSSAQDFVYTIQK	AGAP008965-PA	-	78	1.99E-07	2	1501.725	5.37	Larva	3R:-:22256532-22256494	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_76309	IILDFVPNHTSDQCEWFR	AGAP008965-PA	C14(Carbamidomethyl)	36	0.003446773	1	2277.082	2.56	Pupa	3R:-:22257399-22257346	exon=> In CDS Exon 1 of transcript AGAP008965-PA
JHU_Ag_80757	DAGIGATWLSPIFR	AGAP008965-PA	-	101	1.04E-09	1	1503.804	5.88	Larva	3R:-:22257558-22257517	exon=> In CDS Exon 1 of transcript AGAP008965-PA
JHU_Ag_91038	VGDIVQADK	AGAP008965-PA	-	68	2.87E-06	2	944.505	0.66	Pupa	3R:-:22255860-22256763,22255682-22255738	exon=> In CDS Exon 4 and 3 of transcript AGAP008965-PA
JHU_Ag_94225	VGDIVQADKLIVGGYDGLVLR	AGAP008965-PA	-	77	4.80E-08	3	2200.245	5.17	Malpighian tubule	3R:-:22255860-22256763,22255682-22255702	exon=> In CDS Exon 4 and 3 of transcript AGAP008965-PA
JHU_Ag_102278	TYQALVALR	AGAP008965-PA	-	45	0.000207045	2	1034.599	-0.52	Pupa	3R:-:22256097-22256071	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_102829	SFMDSNGDGVGDLR	AGAP008965-PA	M3(Oxidation), N6(Deamidated)	45	0.000104302	2	1486.619	4.73	Larva	3R:-:22257630-22257589	exon=> In CDS Exon 1 of transcript AGAP008965-PA
JHU_Ag_106125	TPFQWDGTANAGFSSGPTTWLPVHPNYR	AGAP008965-PA	-	68	2.11E-06	1	3104.459	-1.81	Visceras	3R:-:22256229-22256146	exon=> In CDS Exon 3 of transcript AGAP008965-PA

JHU_Ag_108437	TVDLVAVFPK	AGAP008965-PA	-	48	8.48E-05	2	1088.636	1.21	Midgut	3R:-:22255941-22255912	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_111873	ELNLAAQR	AGAP008965-PA	-	54	4.97E-05	2	914.505	-0.57	Pupa	3R:-:22256145-22256122	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_115231	LIVGGYDGLVLR	AGAP008965-PA	-	64	1.39E-06	1	1274.747	0.57	Pupa	3R:-:22255737-22255702	exon=> In CDS Exon 4 of transcript AGAP008965-PA
JHU_Ag_117511	VGATANWVLGNHDQPR	AGAP008965-PA	-	71	1.38E-06	1	1734.867	-0.19	Pupa	3R:-:22256472-22256425	exon=> In CDS Exon 3 of transcript AGAP008965-PA
JHU_Ag_43647	LADEDDELSEVQPDAVPPEVR	AGAP008967-PA	-	66	3.63E-06	2	2323.101	3.19	Head	3R:+:22311879-22311941	exon=> In CDS Exon 1 of transcript AGAP008967-PA
JHU_Ag_68864	YLGYDLLNR	AGAP008967-PA	-	54	4.42E-05	2	1126.590	0.54	Head	3R:+:22317437-22317463	exon=> In CDS Exon 2 of transcript AGAP008967-PA
JHU_Ag_74764	AVLENHHISAAFR	AGAP008967-PA	-	77	2.34E-07	1	1464.771	-0.09	Head	3R:+:22317761-22317799	exon=> In CDS Exon 2 of transcript AGAP008967-PA
JHU_Ag_30019	RIDIFDEK	AGAP008969-PA	-	33	0.007266367	1	1035.543	-3.6	Head	3R:+:22353446-22353469	exon=> In CDS Exon 2 of transcript AGAP008969-PA
JHU_Ag_50791	TLAEANDLSFPTEPLSK	AGAP008969-PA	-	76	4.37E-07	2	1832.933	3.03	Salivary gland	3R:+:22353863-22353913	exon=> In CDS Exon 2 of transcript AGAP008969-PA
JHU_Ag_58911	EAPVFEEHMPEGELSANNLQHISER	AGAP008969-PA	-	45	0.000431789	1	2863.327	-1.7	Head	3R:+:22353014-22353088	exon=> In CDS Exon 1 of transcript AGAP008969-PA
JHU_Ag_96807	TLAEANDLSFPTEPLSK	AGAP008969-PA	-	60	1.95E-05	2	1832.929	0.57	Head	3R:+:22353863-22353913	exon=> In CDS Exon 2 of transcript AGAP008969-PA
JHU_Ag_10730	LAEIKTSPQPAVR	AGAP008970-PA	-	28	0.00499229	1	1409.816	3.33	Malpighian tubule	3R:-:22363213-22363175	exon=> In CDS Exon 2 of transcript AGAP008970-PA
JHU_Ag_43758	SFFNAGVGAEAVQK	AGAP008970-PA	-	41	0.001191076	2	1424.717	0.28	Ovary	3R:-:22362160-22362119	exon=> In CDS Exon 3 of transcript AGAP008970-PA
JHU_Ag_113290	APLPALTSLLQK	AGAP008970-PA	-	65	3.89E-07	1	1251.771	2.91	Ovary	3R:-:22359871-22359836	exon=> In CDS Exon 4 of transcript AGAP008970-PA
JHU_Ag_101343	HIGQLVCNGHAISELR	AGAP008973-PA	Q4(Deamidated), C7(Carbamidomethyl), N8(Deamidated)	32	0.010394223	1	1805.874	-12.35	Midgut	3R:-:22369635-22369588	exon=> In CDS Exon 4 of transcript AGAP008973-PA
JHU_Ag_111933	YANRPVMSQPGLYDPTSIMNTDVLR	AGAP008974-PA	M7(Oxidation), M19(Oxidation),M7(Oxidation)	76	3.78E-07	1	2870.384	1.08	Head	3R:+:22373582-22373656	exon=> In CDS Exon 3 of transcript AGAP008974-PA
JHU_Ag_44683	KIFLNR	AGAP008976-PA	-	31	0.002541682	1	790.493	-0.65	Ovary	3R:+:22410230-22410247	exon=> In CDS Exon 1 of transcript AGAP008976-PA
JHU_Ag_46809	KIFLNR	AGAP008976-PA	-	30	0.001806149	1	790.494	1.05	Malpighian tubule	3R:+:22410230-22410247	exon=> In CDS Exon 1 of transcript AGAP008976-PA
JHU_Ag_77094	KIFLNR	AGAP008976-PA	-	31	0.002489552	1	790.494	0.2	Visceras	3R:+:22410230-22410247	exon=> In CDS Exon 1 of transcript AGAP008976-PA
JHU_Ag_74055	DPGDFSAEVQDSLLK	AGAP008977-PA	-	140	1.86E-13	1	1620.780	3.21	Head	3R:+:22449161-22449205	exon=> In CDS Exon 2 of transcript AGAP008977-PA
JHU_Ag_113371	HLAIAQELGDR	AGAP008977-PA	-	39	0.001318645	2	1222.655	0.65	Head	3R:+:22449711-22449743	exon=> In CDS Exon 3 of transcript AGAP008977-PA
JHU_Ag_4677	DALATYTEALELDPQNK	AGAP008985-PA	-	84	7.31E-08	1	1891.933	2.55	Head	3R:+:22690671-22690721	exon=> In CDS Exon 2 of transcript AGAP008985-PA
JHU_Ag_18815	FLTLDPSNTALREEIASLK	AGAP008985-PA	-	29	0.0073089	1	2118.148	1.84	Malpighian tubule	3R:+:22690215-22690271	exon=> In CDS Exon 2 of transcript AGAP008985-PA
JHU_Ag_8196	FQNVPAK	AGAP008986-PA	-	44	0.000697981	1	803.443	2.95	Male reproductive organs	3R:-:22696984-22696964	exon=> In CDS Exon 2 of transcript AGAP008986-PA
JHU_Ag_29808	DNLIAHPDSLLK	AGAP008986-PA	-	69	1.25E-06	1	1335.727	0.35	Male reproductive organs	3R:-:22697309-22697274	exon=> In CDS Exon 1 of transcript AGAP008986-PA
JHU_Ag_59785	TAAAPLRPLCTF	AGAP008986-PA	C10(Carbamidomethyl)	53	8.24E-05	2	1317.698	-0.67	Male reproductive organs	3R:-:22696948-22696913	exon=> In CDS Exon 2 of transcript AGAP008986-PA
JHU_Ag_68879	IWHSEAEAFR	AGAP008986-PA	-	60	1.36E-05	1	1245.602	1.05	Male reproductive organs	3R:-:22697125-22697096	exon=> In CDS Exon 2 of transcript AGAP008986-PA

JHU_Ag_98042	HGDPTMDCLLDWSYAR	AGAP008986-PA	M6(Oxidation), C8(Carbamidomethyl)	37	0.000910419	1	1952.821	-2.65	Male reproductive organs	3R:-:22697173-22697126	exon=> In CDS Exon 2 of transcript AGAP008986-PA
JHU_Ag_4529	LQFPSQDELTLESFR	AGAP008987-PA	-	92	9.91E-09	2	1809.906	2.33	Head	3R:+:22710145-22710182,22710409-22710415	exon=> In CDS Exon 4 and 5 of transcript AGAP008987-PA
JHU_Ag_50566	DLEGLLAPVLPAGTR	AGAP008987-PA	-	44	0.000145622	2	1521.871	5.11	Head	3R:+:22703692-22703736	exon=> In CDS Exon 1 of transcript AGAP008987-PA
JHU_Ag_651	AIEAAIEK	AGAP008988-PA	-	58	2.73E-05	2	844.477	-0.42	Visceras	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_767	KGYLEDR	AGAP008988-PA	-	54	5.77E-05	2	880.463	11.97	Male reproductive organs	3R:-:22731251-22731231	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_1590	LETSSIDKFSWGVADR	AGAP008988-PA	-	123	7.93E-12	1	1810.896	-0.71	Pupa	3R:-:22731341-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_1952	FSWGVADR	AGAP008988-PA	-	48	0.000211149	2	937.453	-0.07	Head	3R:-:22731317-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_3491	AIEAAIEK	AGAP008988-PA	-	62	1.32E-05	2	844.477	-0.34	Malpighian tubule	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_7016	ALYKDPFK	AGAP008988-PA	-	48	0.000126476	2	981.541	0.83	Visceras	3R:-:22732007-22731984	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_7620	AAMQDAYNR	AGAP008988-PA	M3(Oxidation)	46	0.000149725	2	1055.460	2.25	Male reproductive organs	3R:-:22731908-22731882	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_9027	DRVLDYVPK	AGAP008988-PA	-	32	0.007253489	1	1104.606	1.17	Head	3R:-:22732124-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_12918	ILEHSPNAHLNK	AGAP008988-PA	-	57	2.79E-05	1	1372.734	0.49	Ovary	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_20178	CADDLWLSR	AGAP008988-PA	C1(Carbamidomethyl)	42	0.00063201	2	1135.517	-2.42	Salivary gland	3R:-:22731611-22731585	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_22134	AIEAAIEK	AGAP008988-PA	-	62	1.10E-05	1	844.477	-0.55	Midgut	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_22424	KGYLEDR	AGAP008988-PA	-	47	0.000368974	1	880.452	0.04	Malpighian tubule	3R:-:22731251-22731231	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_24641	AGPNDVIVLCDTYQPDGKPTASNHR	AGAP008988-PA	C10(Carbamidomethyl)	150	1.25E-14	1	2725.301	0.42	Salivary gland	3R:-:22731983-22731909	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_29405	ALYKDPFK	AGAP008988-PA	-	50	8.53E-05	1	981.540	-0.54	Midgut	3R:-:22732007-22731984	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_34165	VLDYVPK	AGAP008988-PA	-	41	0.000662977	2	833.476	-0.77	Midgut	3R:-:22732118-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_34828	AAMQDAYNRTK	AGAP008988-PA	M3(Oxidation)	72	8.06E-07	1	1268.606	0.79	Malpighian tubule	3R:-:22731908-22731876	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_35577	AGPNDVIVLCDTYQPDGKPTASNHR	AGAP008988-PA	C10(Carbamidomethyl)	124	5.16E-12	1	2725.301	0.56	Male reproductive organs	3R:-:22731983-22731909	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_36579	ALYKDPFK	AGAP008988-PA	-	46	0.000199 53	1	981.542	1.33	Malpighian tubule	3R:-:22732007-22731984	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_38258	FSWGVADR	AGAP008988-PA	-	55	4.43E-05	2	937.452	-0.4	Male reproductive organs	3R:-:22731317-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_39137	KGYLEDR	AGAP008988-PA	-	53	8.18E-05	2	880.452	-0.03	Ovary	3R:-:22731251-22731231	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_39731	IAEDYGVVVTFDPKPMEGNWNGAGGHCNFSTKPMR	AGAP008988-PA	C27(Carbamidomethyl)," M16(Oxidation), C27(Carbamidomethyl), M34(Oxidation)"	109	1.08E-10	1	3913.779	1.34	Malpighian tubule	3R:-:22731569-22731465	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_40308	YILWR	AGAP008988-PA	-	33	0.002859406	2	750.429	-1.63	Midgut	3R:-:22731584-22731570	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_40723	ILEHSPNAHLNK	AGAP008988-PA	-	80	1.24E-07	1	1372.735	1.09	Malpighian tubule	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA

JHU_Ag_40828	APEDVPAWQYDGSSTYQALGGNSDMK	AGAP008988-PA	M25(Oxidation)	96	1.49E-09	1	2803.222	2.53	Salivary gland	3R:-:22732097-22732020	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_40946	APEDVPAWQYDGSSTYQALGGNSDMK	AGAP008988-PA	M25(Oxidation)	136	1.38E-13	1	2803.220	1.6	Male reproductive organs	3R:-:22732097-22732020	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_43915	YVQATYVWIDGTGENVR	AGAP008988-PA	-	126	3.62E-12	1	1970.964	1.74	Salivary gland	3R:-:22732181-22732131	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_44131	RPSSNCDPYAVCNAILTTCLLDE	AGAP008988-PA	C6(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl)	97	2.19E-09	3	2669.211	4.06	Head	3R:-:22731230-22731162	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_44359	CADDLWLSR	AGAP008988-PA	C1(Carbamidomethyl)	60	9.64E-06	1	1135.522	1.73	Midgut	3R:-:22731611-22731585	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_46425	ILEHSPNAHLNK	AGAP008988-PA	-	37	0.002811274	1	1372.739	4.02	Male reproductive organs	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_46815	VLDYVPK	AGAP008988-PA	-	45	0.000255563	2	833.478	1.5	Malpighian tubule	3R:-:22732118-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_47016	FSWGVADR	AGAP008988-PA	-	52	7.29E-05	2	937.452	-1.11	Pupa	3R:-:22731317-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_47420	VLDYVPK	AGAP008988-PA	-	48	0.000128676	2	833.476	-0.77	Male reproductive organs	3R:-:22732118-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_49476	LETSSIDK	AGAP008988-PA	-	40	0.001449672	1	892.467	5.79	Male reproductive organs	3R:-:22731341-22731318	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_49710	ILEHSPNAHLNK	AGAP008988-PA	-	41	0.001051825	1	1372.736	1.68	Salivary gland	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_50091	AGPNDVIVLCDTYQPDGKPTASNHR	AGAP008988-PA	C10(Carbamidomethyl)	137	2.37E-13	1	2725.302	0.63	Malpighian tubule	3R:-:22731983-22731909	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_51978	ILEHSPNAHLNK	AGAP008988-PA	-	77	2.78E-07	1	1372.733	0.02	Visceras	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_53233	KGYLEDR	AGAP008988-PA	-	37	0.003118862	2	880.453	0.39	Visceras	3R:-:22731251-22731231	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_53895	ALYKDPFK	AGAP008988-PA	-	48	0.000159671	2	981.539	-1.72	Pupa	3R:-:22732007-22731984	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_54664	ILEHSPNAHLNK	AGAP008988-PA	-	83	5.86E-08	1	1372.735	1.05	Head	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_55132	APEDVPAWQYDGSSTYQALGGNSDMK	AGAP008988-PA	M25(Oxidation)	79	1.17E-07	2	2787.221	0.04	Head	3R:-:22732097-22732020	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_55318	AGPNDVIVLCDTYQPDGKPTASNHR	AGAP008988-PA	C10(Carbamidomethyl), Q14(Deamidated),"N4(Deamidated), C10(Carbamidomethyl)",C10(Carbamidomethyl),"C10(Carbamidomethyl), N23(Deamidated)"	170	1.28E-16	1	2725.309	3.18	Midgut	3R:-:22731983-22731909	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_55488	YVQATYVWIDGTGENVR	AGAP008988-PA	-	118	2.50E-11	1	1970.965	1.92	Malpighian tubule	3R:-:22732181-22732131	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_56810	APEDVPAWQYDGSSTYQALGGNSDMKLVPR	AGAP008988-PA	M25(Oxidation)	52	7.63E-05	1	3268.521	-0.25	Pupa	3R:-:22732097-22732008	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_57554	YILWR	AGAP008988-PA	-	31	0.004190597	2	750.429	-1.31	Visceras	3R:-:22731584-22731570	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_60999	DRVLDYVPK	AGAP008988-PA	-	36	0.003500521	1	1104.604	-0.31	Midgut	3R:-:22732124-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_61252	ILEHSPNAHLNK	AGAP008988-PA	N7(Deamidated)	80	1.70E-07	1	1373.724	5.13	Midgut	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA

JHU_Ag_62281	RPSSNCDPYAVCNAILTTCLLDE	AGAP008988-PA	C6(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl)	47	0.00020834	3	2669.203	0.9	Male reproductive organs	3R:-:22731230-22731162	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_64438	VLDYVPK	AGAP008988-PA	-	39	0.001165463	2	833.478	1.58	Visceras	3R:-:22732118-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_65682	FSWGVADR	AGAP008988-PA	-	51	0.000104614	2	937.452	-0.33	Visceras	3R:-:22731317-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_66581	AAMQDAYNR	AGAP008988-PA	M3(Oxidation)	53	4.26E-05	1	1039.463	0.79	Malpighian tubule	3R:-:22731908-22731882	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_68267	AIEAAIEK	AGAP008988-PA	-	54	7.96E-05	1	844.481	3.79	Male reproductive organs	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_68808	RPSSNCDPYAVCNAILTTCLLDE	AGAP008988-PA	C6(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl)	87	2.12E-08	3	2669.208	2.96	Visceras	3R:-:22731230-22731162	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_69090	AGPNDVIVLCDTYQPDGKPTASNHR	AGAP008988-PA	C10(Carbamidomethyl)	164	5.48E-16	1	2725.292	-2.87	Head	3R:-:22731983-22731909	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_69396	AENGIKAIEAAIEK	AGAP008988-PA	-	49	0.00013247	1	1456.805	3.04	Malpighian tubule	3R:-:22731464-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_72161	AIEAAIEKLSK	AGAP008988-PA	-	85	1.46E-08	1	1172.689	0.47	Malpighian tubule	3R:-:22731446-22731414	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_75524	YVQATYVWIDGTGENVR	AGAP008988-PA	-	125	4.26E-12	2	1970.959	-1.11	Head	3R:-:22732181-22732131	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_77954	APEDVPAWQYDGSSTYQALGGNSDMKLVPR	AGAP008988-PA	M25(Oxidation)	130	1.27E-12	1	3252.537	3.21	Malpighian tubule	3R:-:22732097-22732008	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_79387	AAMQDAYNR	AGAP008988-PA	M3(Oxidation)	54	2.26E-05	1	1055.457	-0.53	Midgut	3R:-:22731908-22731882	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_80190	AGPNDVIVLCDTYQPDGKPTASNHR	AGAP008988-PA	C10(Carbamidomethyl)	123	6.56E-12	1	2725.298	-0.85	Visceras	3R:-:22731983-22731909	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_80732	ILEHSPNAHLNK	AGAP008988-PA	N7(Deamidated)	88	2.10E-08	1	1372.734	0.55	Pupa	3R:-:22732259-22732224	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_80777	APEDVPAWQYDGSSTYQALGGNSDMKLVPR	AGAP008988-PA	M25(Oxidation)	69	1.73E-06	1	3268.533	3.44	Midgut	3R:-:22732097-22732008	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_81983	GYLEDRRPSSNCDPYAVCNAILTTCLLDE	AGAP008988-PA	C12(Carbamidomethyl), C18(Carbamidomethyl), C25(Carbamidomethyl)	54	3.80E-05	3	3402.547	2.18	Malpighian tubule	3R:-:22731248-22731162	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_82261	APEDVPAWQYDGSSTYQALGGNSDMK	AGAP008988-PA	M25(Oxidation)	74	2.01E-07	3	2803.213	-0.8	Pupa	3R:-:22732097-22732020	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_85800	LETSSIDKFSWGVADR	AGAP008988-PA	-	38	0.002437248	2	1810.902	2.79	Visceras	3R:-:22731341-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_87523	APEDVPAWQYDGSSTYQALGGNSDMK	AGAP008988-PA	M25(Oxidation)	42	0.000430075	3	2803.225	3.31	Visceras	3R:-:22732097-22732020	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_87825	AIEAAIEK	AGAP008988-PA	-	42	0.001138838	2	844.476	-1.36	Head	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_88619	ALYKDPFK	AGAP008988-PA	-	40	0.000953292	2	981.538	-2.65	Head	3R:-:22732007-22731984	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_88851	CADDLWLSR	AGAP008988-PA	C1(Carbamidomethyl)	49	0.000128328	1	1135.520	-0.05	Malpighian tubule	3R:-:22731611-22731585	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_91055	AIEAAIEK	AGAP008988-PA	-	53	8.61E-05	1	844.481	4.08	Larva	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_91355	APEDVPAWQYDGSSTYQALGGNSDMK	AGAP008988-PA	M25(Oxidation)	111	4.72E-11	1	2803.215	-0.06	Midgut	3R:-:22732097-22732020	exon=> In CDS Exon 1 of transcript AGAP008988-PA

JHU_Ag_92584	AIEAAIEK	AGAP008988-PA	-	58	3.23E-05	1	844.477	-0.06	Pupa	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_92967	YVQATYVWIDGTGENVR	AGAP008988-PA	-	128	2.17E-12	2	1970.963	1.12	Pupa	3R:-:22732181-22732131	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_93637	RPSSNCDPYAVCNAILTTCLLDE	AGAP008988-PA	C6(Carbamidomethyl), C12(Carbamidomethyl), C19(Carbamidomethyl)	116	2.31E-11	1	2669.203	1.04	Salivary gland	3R:-:22731230-22731162	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_93925	LETSSIDKFSWGVADR	AGAP008988-PA	-	107	3.01E-10	1	1810.902	2.66	Head	3R:-:22731341-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_94739	YVQATYVWIDGTGENVR	AGAP008988-PA	-	151	1.11E-14	1	1970.960	-0.55	Midgut	3R:-:22732181-22732131	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_96095	FSWGVADR	AGAP008988-PA	-	47	0.000246159	2	937.455	2.01	Malpighian tubule	3R:-:22731317-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_96459	YILWR	AGAP008988-PA	-	43	0.000277508	2	750.429	-1.23	Pupa	3R:-:22731584-22731570	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_96500	LETSSIDKFSWGVADR	AGAP008988-PA	-	96	4.12E-09	1	1810.908	5.76	Salivary gland	3R:-:22731341-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_97311	VLDYVPK	AGAP008988-PA	-	43	0.000381269	2	833.479	2.89	Salivary gland	3R:-:22732118-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_97329	FSWGVADR	AGAP008988-PA	-	59	1.74E-05	1	937.450	-2.61	Midgut	3R:-:22731317-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_100509	VLDYVPK	AGAP008988-PA	-	39	0.001022112	2	833.476	-0.69	Pupa	3R:-:22732118-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_101435	AGPNDVIVLCDTYQPDGKPTASNHR	AGAP008988-PA	C10(Carbamidomethyl)	144	5.00E-14	1	2725.294	-2.06	Pupa	3R:-:22731983-22731909	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_104667	VLDYVPK	AGAP008988-PA	-	30	0.0077893	1	833.476	-0.99	Head	3R:-:22732118-22732098	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_111398	ALYKDPFK	AGAP008988-PA	-	50	8.39E-05	1	981.540	-0.35	Male reproductive organs	3R:-:22732007-22731984	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_112239	YVQATYVWIDGTGENVR	AGAP008988-PA	-	115	4.22E-11	2	1970.962	0.81	Male reproductive organs	3R:-:22732181-22732131	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_113367	ALYKDPFK	AGAP008988-PA	-	55	2.83E-05	1	981.542	2.01	Salivary gland	3R:-:22732007-22731984	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_113426	AIEAAIEK	AGAP008988-PA	-	54	7.87E-05	1	844.478	0.47	Salivary gland	3R:-:22731446-22731423	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_113674	FSWGVADR	AGAP008988-PA	-	48	0.000220402	2	937.454	0.97	Salivary gland	3R:-:22731317-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_113697	LETSSIDKFSWGVADR	AGAP008988-PA	-	77	2.94E-07	1	1810.896	-0.38	Midgut	3R:-:22731341-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_117267	LETSSIDKFSWGVADR	AGAP008988-PA	-	117	3.45E-11	1	1810.899	1.17	Male reproductive organs	3R:-:22731341-22731294	exon=> In CDS Exon 1 of transcript AGAP008988-PA
JHU_Ag_30972	VYAIGDDLGAFALSGK	AGAP008990-PA	-	71	1.13E-06	2	1596.830	1.8	Midgut	3R:-:22787734-22787687	exon=> In CDS Exon 2 of transcript AGAP008990-PA
JHU_Ag_40040	VYAIGDDLGAFALSGK	AGAP008990-PA	-	118	2.02E-11	1	1596.838	6.77	Larva	3R:-:22787734-22787687	exon=> In CDS Exon 2 of transcript AGAP008990-PA
JHU_Ag_45872	INTVESLDYQK	AGAP008990-PA	-	46	0.000328049	2	1309.669	4.5	Larva	3R:-:22787443-22787949,22787123-22787339	exon=> In CDS Exon 3 and 2 of transcript AGAP008990-PA
JHU_Ag_74312	SYDLSGTPVLK	AGAP008990-PA	-	60	1.05E-05	2	1179.625	-0.69	Midgut	3R:-:22787338-22787306	exon=> In CDS Exon 3 of transcript AGAP008990-PA
JHU_Ag_84760	EFPGADHMSILADVNVIDNIVK	AGAP008990-PA	M8(Oxidation)	48	0.000187593	1	2413.218	4.74	Larva	3R:-:22787215-22787150	exon=> In CDS Exon 3 of transcript AGAP008990-PA
JHU_Ag_10876	HTHFSSGIATGFQGQHGFLAVPK	AGAP008991-PA	-	104	6.32E-10	1	2424.217	-1.4	Ovary	3R:+:22794885-22794953	exon=> In CDS Exon 1 of transcript AGAP008991-PA

JHU_Ag_65551	AEQSQIQLPKPVAPPPVAK	AGAP008991-PA	-	106	7.61E-11	1	1998.136	-1.07	Ovary	3R:+:22794828-22794884	exon=> In CDS Exon 1 of transcript AGAP008991-PA
JHU_Ag_98282	AEQSQIQLPKPVAPPPVAK	AGAP008991-PA	-	51	1.96E-05	1	1998.135	-1.44	Male reproductive organs	3R:+:22794828-22794884	exon=> In CDS Exon 1 of transcript AGAP008991-PA
JHU_Ag_31842	VCSYFKDPLLCVGTVAADQVK	AGAP008993-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	84	6.28E-08	1	2370.185	0.67	Head	3R:-:22800771-22800771,22800188-22800242	exon=> In CDS Exon 6 and 5 of transcript AGAP008993-PA
JHU_Ag_37440	YEPDPCYPR	AGAP008993-PA	C6(Carbamidomethyl)	40	0.000404007	1	1196.503	-0.95	Head	3R:-:22809211-22809185	exon=> In CDS Exon 2 of transcript AGAP008993-PA
JHU_Ag_44502	HQIEHTAGEK	AGAP008993-PA	-	58	2.55E-05	2	1149.557	-6.59	Head	3R:-:22800241-22800212	exon=> In CDS Exon 6 of transcript AGAP008993-PA
JHU_Ag_60793	FSPEMLANMGYGSHGGSYRPQSFLQNEILDEEQQSPR	AGAP008993-PA	M5(Oxidation), M9(Oxidation)	68	1.00E-06	1	4231.917	1.91	Head	3R:-:22811509-22811596,22809127-22809212	exon=> In CDS Exon 2 and 1 of transcript AGAP008993-PA
JHU_Ag_64417	ACSANEYCCPGFICVAVDDVSPISVR	AGAP008993-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C9(Carbamidomethyl), C14(Carbamidomethyl)	66	1.75E-06	2	2946.289	-0.14	Head	3R:-:22809184-22809247,22801513-22801698	exon=> In CDS Exon 3 and 2 of transcript AGAP008993-PA
JHU_Ag_67736	GLCCQVQR	AGAP008993-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	42	0.000766828	2	1020.468	-2.84	Head	3R:-:22801122-22801099	exon=> In CDS Exon 4 of transcript AGAP008993-PA
JHU_Ag_79859	QYGEDCITSSDCDITR	AGAP008993-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	102	1.23E-10	1	1919.774	-0.35	Head	3R:-:22801559-22801717,22801075-22801123	exon=> In CDS Exon 4 and 3 of transcript AGAP008993-PA
JHU_Ag_83499	DPLLCVGTVAADQVK	AGAP008993-PA	C5(Carbamidomethyl)	138	1.61E-13	1	1585.828	1.68	Head	3R:-:22800753-22800771,22800188-22800242	exon=> In CDS Exon 6 and 5 of transcript AGAP008993-PA
JHU_Ag_86734	QYGEDCITSSDCDITR	AGAP008993-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	75	6.99E-08	1	1919.776	0.86	Visceras	3R:-:22801559-22801717,22801075-22801123	exon=> In CDS Exon 4 and 3 of transcript AGAP008993-PA
JHU_Ag_109515	HDSDCESGLVCDISALSGASVCRPPTIVAK	AGAP008993-PA	C5(Carbamidomethyl), C11(Carbamidomethyl), C22(Carbamidomethyl)	230	1.24E-22	1	3201.498	0.17	Head	3R:-:22801649-22801560	exon=> In CDS Exon 3 of transcript AGAP008993-PA
JHU_Ag_43463	TFEYDLALLR	AGAP008996-PA	-	70	1.00E-06	2	1240.660	2.27	Pupa	3R:-:22874054-22874178,22873827-22873942	exon=> In CDS Exon 3 and 2 of transcript AGAP008996-PA
JHU_Ag_68704	TAFVTGWGR	AGAP008996-PA	-	41	0.000875258	2	994.511	0.92	Pupa	3R:-:22873863-22873837	exon=> In CDS Exon 3 of transcript AGAP008996-PA
JHU_Ag_9039	GHMHAVPASLK	AGAP009001-PA	M3(Oxidation)	43	0.000836998	2	1163.601	1.26	Male reproductive organs	3R:-:23008791-23008759	exon=> In CDS Exon 5 of transcript AGAP009001-PA
JHU_Ag_40670	TVTTELLSDLNIQQVDK	AGAP009001-PA	-	84	5.00E-08	1	1917.018	0.46	Male reproductive organs	3R:-:23008677-23008627	exon=> In CDS Exon 5 of transcript AGAP009001-PA
JHU_Ag_55369	AALIGLVR	AGAP009001-PA	-	65	6.28E-07	2	812.535	-0.8	Male reproductive organs	3R:-:23011031-23011008	exon=> In CDS Exon 2 of transcript AGAP009001-PA
JHU_Ag_64406	FHEHTPGLQDAEINAR	AGAP009001-PA	-	99	2.06E-09	1	1834.882	-0.57	Male reproductive organs	3R:-:23011124-23011077	exon=> In CDS Exon 2 of transcript AGAP009001-PA
JHU_Ag_66330	EKNEAFGSSLLLANSPMSPK	AGAP009001-PA	M17(Oxidation)	131	1.22E-12	1	2136.063	-0.69	Male reproductive organs	3R:-:23007117-23007058	exon=> In CDS Exon 6 of transcript AGAP009001-PA
JHU_Ag_73524	LVAYCSDQAHSSVEK	AGAP009001-PA	C5(Carbamidomethyl)	120	1.37E-11	1	1693.789	2.6	Male reproductive organs	3R:-:23011076-23011032	exon=> In CDS Exon 2 of transcript AGAP009001-PA
JHU_Ag_86607	NSGALHR	AGAP009001-PA	-	44	0.000181 45	2	754.398	2.84	Male reproductive organs	3R:-:23009212-23009192	exon=> In CDS Exon 4 of transcript AGAP009001-PA
JHU_Ag_98810	FIESDDQLSLR	AGAP009001-PA	-	63	1.04E-05	2	1322.662	2.13	Male reproductive organs	3R:-:23011001-23010969	exon=> In CDS Exon 2 of transcript AGAP009001-PA
JHU_Ag_117218	FHEHTPGLQDAEINAR	AGAP009001-PA	-	46	0.000425 5	1	1834.876	-4.1	Head	3R:-:23011124-23011077	exon=> In CDS Exon 2 of transcript AGAP009001-PA

JHU_Ag_36957	QIVLALLLHCIQK	AGAP009004-PA	C10(Carbamidomethyl)	27	0.001469134	1	1548.935	3.26	Ovary	3R:+:23180475-23180513	exon=> In CDS Exon 3 of transcript AGAP009004-PA
JHU_Ag_62572	VNAAASQPVFDAYESR	AGAP009004-PA	-	64	5.60E-06	2	1724.823	-0.5	Midgut	3R:+:23179842-23179889	exon=> In CDS Exon 3 of transcript AGAP009004-PA
JHU_Ag_62813	SEVTELFLTALQFR	AGAP009004-PA	-	52	4.96E-05	2	1653.894	5.44	Ovary	3R:+:23182416-23182457	exon=> In CDS Exon 3 of transcript AGAP009004-PA
JHU_Ag_73091	VIELLTDRVVYGR	AGAP009004-PA	-	32	0.001502934	3	1532.883	2.04	Malpighian tubule	3R:+:23178636-23178674	exon=> In CDS Exon 3 of transcript AGAP009004-PA
JHU_Ag_110668	LADSSCEVIEELLK	AGAP009004-PA	C6(Carbamidomethyl)	49	0.000250401	2	1605.809	3.14	Ovary	3R:+:23178477-23178518	exon=> In CDS Exon 3 of transcript AGAP009004-PA
JHU_Ag_71967	IWALSINK	AGAP009005-PA	-	55	2.83E-05	1	944.559	2.22	Malpighian tubule	3R:+:23220752-23220775	exon=> In CDS Exon 9 of transcript AGAP009005-PA
JHU_Ag_102279	SIIYCVHGQLANSCCELPNELSIR	AGAP009005-PA	C5(Carbamidomethyl), C14(Carbamidomethyl), C15(Carbamidomethyl)	70	0.00000141	1	2833.348	1.86	Malpighian tubule	3R:+:23207687-23207758	exon=> In CDS Exon 2 of transcript AGAP009005-PA
JHU_Ag_110269	GNPFITLQR	AGAP009006-PA	-	34	0.005010161	1	1045.585	5.91	Malpighian tubule	3R:+:23241193-23241219	exon=> In CDS Exon 4 of transcript AGAP009006-PA
JHU_Ag_51634	LGIQPEVSSK	AGAP009008-PA	Q4(Deamidated)	41	0.001244858	1	1058.558	-14.48	Male reproductive organs	3R:-:23393470-23393441	exon=> In CDS Exon 6 of transcript AGAP009008-PA
JHU_Ag_52665	LGIQPEVSSK	AGAP009008-PA	Q4(Deamidated)	52	0.000114035	1	1058.559	-12.98	Head	3R:-:23393470-23393441	exon=> In CDS Exon 6 of transcript AGAP009008-PA
JHU_Ag_57000	LGIQPEVSSK	AGAP009008-PA	Q4(Deamidated)	36	0.004861214	1	1058.563	-9.75	Malpighian tubule	3R:-:23393470-23393441	exon=> In CDS Exon 6 of transcript AGAP009008-PA
JHU_Ag_184	MSAEVVDSNPYSR	AGAP009012-PA	M1(Oxidation)	56	2.24E-05	2	1470.653	0	Salivary gland	3R:-:23539051-23539013	exon=> In CDS Exon 1 of transcript AGAP009012-PA
JHU_Ag_2296	SETAVAAEEEPEGPLHEDNLYGIELVADDADTAGKSDQQVAATTR	AGAP009012-PA	-	96	1.97E-09	1	4713.183	-1.95	Malpighian tubule	3R:-:23538143-23538009	exon=> In CDS Exon 2 of transcript AGAP009012-PA
JHU_Ag_45353	MSAEVVDSNPYSR	AGAP009012-PA	-	45	0.000348628	1	1454.660	1.54	Malpighian tubule	3R:-:23539051-23539013	exon=> In CDS Exon 1 of transcript AGAP009012-PA
JHU_Ag_50846	VEAAAK	AGAP009012-PA	-	38	0.002433431	1	588.336	1.06	Ovary	3R:-:23538722-23538705	exon=> In CDS Exon 2 of transcript AGAP009012-PA
JHU_Ag_85049	SETAVAAEEEPEGPLHEDNLYGIELVADDADTAGK	AGAP009012-PA	-	90	9.08E-09	1	3655.670	-1.98	Head	3R:-:23538143-23538039	exon=> In CDS Exon 2 of transcript AGAP009012-PA
JHU_Ag_89340	FMLETNK	AGAP009016-PA	M2(Oxidation)	37	0.001872 92	2	898.434	-0.45	Midgut	3R:+:23611384-23611404	exon=> In CDS Exon 4 of transcript AGAP009016-PA
JHU_Ag_17913	TSLDVLYSKMER	AGAP009019-PA	M10(Oxidation)	36	0.003735371	1	1457.730	-0.67	Malpighian tubule	3R:-:23735988-23735953	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_19076	HSLPNAR	AGAP009019-PA	-	41	0.000704699	2	794.427	0.09	Malpighian tubule	3R:-:23736129-23736109	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_23020	TSLDVLYSK	AGAP009019-PA	-	52	5.24E-05	2	1025.555	3.27	Malpighian tubule	3R:-:23735988-23735962	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_23380	HSLPNAR	AGAP009019-PA	-	30	0.010249994	1	794.426	-0.9	Midgut	3R:-:23736129-23736109	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_29242	AYDIFSR	AGAP009019-PA	-	33	0.003836938	1	871.431	-0.32	Malpighian tubule	3R:-:23736417-23736397	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_45715	HSLPNAR	AGAP009019-PA	-	31	0.005182233	1	794.428	1.09	Visceras	3R:-:23736129-23736109	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_47717	TSLDVLYSK	AGAP009019-PA	-	38	0.001403544	1	1025.552	0.25	Midgut	3R:-:23735988-23735962	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_50299	IMIHQPSGGAQGQATDIQIQAEEILK	AGAP009019-PA	M2(Oxidation)	131	7.73E-13	1	2792.427	0.91	Ovary	3R:-:23736108-23736031	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_53846	AYDIFSR	AGAP009019-PA	-	39	0.000812802	1	871.430	-0.94	Head	3R:-:23736417-23736397	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_55417	DTFLSPEEAQTLGIIDTVLEHPPSSTEAAS	AGAP009019-PA	-	71	1.18E-06	1	3155.532	1.52	Ovary	3R:-:23735952-23735863	exon=> In CDS Exon 2 of transcript AGAP009019-PA

JHU_Ag_61662	AYDIFSR	AGAP009019-PA	-	38	0.001180279	1	871.430	-0.74	Male reproductive organs	3R:-:23736417-23736397	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_71259	IMIHQPSGGAQGQATDIQIQAEEILK	AGAP009019-PA	M2(Oxidation)	142	4.63E-14	1	2776.446	5.7	Malpighian tubule	3R:-:23736108-23736031	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_75826	IMIHQPSGGAQGQATDIQIQAEEILK	AGAP009019-PA	M2(Oxidation)	84	3.02E-08	1	2776.439	3.13	Visceras	3R:-:23736108-23736031	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_76649	IMIHQPSGGAQGQATDIQIQAEEILK	AGAP009019-PA	M2(Oxidation)	111	7.53E-11	1	2792.436	3.93	Head	3R:-:23736108-23736031	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_80659	TSLDVLYSK	AGAP009019-PA	-	44	0.000407513	2	1025.550	-1.13	Male reproductive organs	3R:-:23735988-23735962	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_109649	AYDIFSR	AGAP009019-PA	-	39	0.000952763	2	871.431	0.1	Visceras	3R:-:23736417-23736397	exon=> In CDS Exon 2 of transcript AGAP009019-PA
JHU_Ag_5394	GHSLSR	AGAP009020-PA	-	29	0.005937522	1	656.348	0.47	Ovary	3R:+:23739450-23739467	exon=> In CDS Exon 1 of transcript AGAP009020-PA
JHU_Ag_74279	GHSLSR	AGAP009020-PA	-	29	0.006103869	1	656.347	-0.37	Head	3R:+:23739450-23739467	exon=> In CDS Exon 1 of transcript AGAP009020-PA
JHU_Ag_1029	LAEMSGVKPPK	AGAP009021-PA	M4(Oxidation)	53	7.33E-05	1	1172.637	1.87	Head	3R:-:23746819-23746787	exon=> In CDS Exon 5 of transcript AGAP009021-PA
JHU_Ag_36954	NKPSEASATDAAAAAADGVANIVAVK	AGAP009021-PA	-	56	3.29E-05	1	2412.235	-0.58	Midgut	3R:-:23746254-23746177	exon=> In CDS Exon 6 of transcript AGAP009021-PA
JHU_Ag_38640	NKPSEASATDAAAAAADGVANIVAVK	AGAP009021-PA	-	83	6.18E-08	1	2412.240	1.4	Malpighian tubule	3R:-:23746254-23746177	exon=> In CDS Exon 6 of transcript AGAP009021-PA
JHU_Ag_59045	EQLHDLVYR	AGAP009021-PA	-	65	4.47E-06	1	1172.602	-3.02	Head	3R:-:23759598-23759572	exon=> In CDS Exon 1 of transcript AGAP009021-PA
JHU_Ag_96676	NKPSEASATDAAAAAADGVANIVAVK	AGAP009021-PA	-	92	6.13E-09	1	2412.245	3.37	Head	3R:-:23746254-23746177	exon=> In CDS Exon 6 of transcript AGAP009021-PA
JHU_Ag_114188	FAETVPVPPTSDLMK	AGAP009021-PA	M14(Oxidation)	37	0.003219176	1	1647.831	0.71	Midgut	3R:-:23757222-23757347,23752502-23752503	exon=> In CDS Exon 3 and 2 of transcript AGAP009021-PA
JHU_Ag_970	MVCYFTNWAWYR	AGAP009022-PA	M1(Oxidation), C3(Carbamidomethyl)	68	9.01E-07	2	1712.741	3.8	Larva	3R:-:23766201-23766166	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_7046	SGPYATNGDQWVGYDDPVSVTAK	AGAP009022-PA	N7(Deamidated)	73	4.60E-07	2	2428.093	-0.59	Larva	3R:-:23767749-23767681	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_7564	AGGFLSFYEICDK	AGAP009022-PA	C11(Carbamidomethyl)	55	3.61E-05	2	1506.698	3.32	Pupa	3R:-:23762003-23761965	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_9518	VTLALGGWNDSLGDKYSK	AGAP009022-PA	-	44	0.000477571	1	1923.990	4.42	Larva	3R:-:23762609-23762556	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_10706	VTLALGGWNDSLGDK	AGAP009022-PA	-	38	0.002848911	1	1545.791	0.23	Pupa	3R:-:23762609-23762565	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_20528	SWLLSAAVSPSK	AGAP009022-PA	-	52	7.79E-05	2	1245.686	1.52	Pupa	3R:-:23762357-23762322	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_20957	VAQQCGPGLYWSQTDK	AGAP009022-PA	C5(Carbamidomethyl)	96	3.38E-09	1	1837.864	5.7	Larva	3R:-:23766696-23766649	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_21579	SWLLSAAVSPSK	AGAP009022-PA	-	88	1.85E-08	2	1245.688	3.58	Larva	3R:-:23762357-23762322	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_22068	THDSWADIDNR	AGAP009022-PA	-	62	4.73E-06	2	1329.583	0.71	Larva	3R:-:23762684-23762652	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_25268	NICGCEEYPLLR	AGAP009022-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	33	0.005610426	1	1523.699	0.24	Pupa	3R:-:23763617-23763582	exon=> In CDS Exon 7 of transcript AGAP009022-PA
JHU_Ag_28196	ALSEDDPCDGNSHVPYPGDCSQYLVCNWGR	AGAP009022-PA	C8(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl)	50	2.83E-05	3	3468.446	4.28	Larva	3R:-:23766564-23766475	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_38284	LEAASCADGLHWNQQLK	AGAP009022-PA	C6(Carbamidomethyl)	83	7.32E-08	1	1940.934	3.01	Larva	3R:-:23766474-23766424	exon=> In CDS Exon 3 of transcript AGAP009022-PA

JHU_Ag_48839	QNFITNAIVFLK	AGAP009022-PA	-	64	1.57E-06	1	1407.804	3.44	Pupa	3R:-:23768367-23768332	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_50449	LVQELAVAFRPR	AGAP009022-PA	-	50	3.74E-05	1	1398.823	0.97	Pupa	3R:-:23762393-23762358	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_60278	QPGMLAYYEICQR	AGAP009022-PA	M4(Oxidation), C11(Carbamidomethyl)	53	5.51E-05	2	1644.753	1.17	Larva	3R:-:23767833-23767795	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_61188	SGFGGIAAWTIDLDDYQNR	AGAP009022-PA	-	102	9.39E-10	2	2098.993	5	Larva	3R:-:23767662-23767606	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_67783	NICGCEEYPLLR	AGAP009022-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	73	5.08E-07	1	1523.704	3.92	Larva	3R:-:23763617-23763582	exon=> In CDS Exon 7 of transcript AGAP009022-PA
JHU_Ag_68919	GDQWVSFDDQYMIR	AGAP009022-PA	M12(Oxidation)	38	0.001324616	2	1775.780	5.79	Larva	3R:-:23763734-23763693	exon=> In CDS Exon 7 of transcript AGAP009022-PA
JHU_Ag_73522	VTLALGGWNDSLGDK	AGAP009022-PA	-	85	6.43E-08	2	1545.796	3.23	Larva	3R:-:23762609-23762565	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_81079	LVQELAVAFRPR	AGAP009022-PA	-	45	0.000105213	1	1398.825	2.15	Larva	3R:-:23762393-23762358	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_82256	MGPYAYK	AGAP009022-PA	M1(Oxidation)	35	0.001746931	1	845.390	4.25	Larva	3R:-:23765175-23765155	exon=> In CDS Exon 5 of transcript AGAP009022-PA
JHU_Ag_85752	LIVGVPFYGQTFTLAQTTR	AGAP009022-PA	-	41	0.000480206	2	2112.151	1.08	Pupa	3R:-:23767950-23767894	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_87632	VAQQCGPGLYWSQTDK	AGAP009022-PA	C5(Carbamidomethyl)	44	0.000549655	1	1837.852	-0.87	Pupa	3R:-:23766696-23766649	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_88827	SCDSFYICVNEK	AGAP009022-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	63	1.99E-06	2	1521.642	4.84	Larva	3R:-:23766735-23766700	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_89446	LIQELR	AGAP009022-PA	-	40	0.000937155	2	771.472	-0.18	Ovary	3R:-:23768229-23768212	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_92422	ATPGEGSPSIGPGTAGDDTR	AGAP009022-PA	-	97	2.84E-09	2	1842.847	0.17	Pupa	3R:-:23767893-23767834	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_92652	KVQFIR	AGAP009022-PA	-	41	0.000228624	2	790.492	-2.04	Pupa	3R:-:23765109-23765092	exon=> In CDS Exon 5 of transcript AGAP009022-PA
JHU_Ag_97287	DWLLSAAVSPSK	AGAP009022-PA	-	71	1.13E-06	2	1273.684	4.23	Pupa	3R:-:23765736-23765701	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_99955	SYGPGEAGEFTR	AGAP009022-PA	-	35	0.002940485	2	1270.571	0.74	Pupa	3R:-:23762039-23762004	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_106425	LIQELR	AGAP009022-PA	-	31	0.004162905	2	771.472	-0.65	Head	3R:-:23768229-23768212	exon=> In CDS Exon 3 of transcript AGAP009022-PA
JHU_Ag_108920	HAVEFIEK	AGAP009022-PA	-	40	0.00118797	2	972.517	2.12	Larva	3R:-:23762516-23762493	exon=> In CDS Exon 8 of transcript AGAP009022-PA
JHU_Ag_109665	GWTVVQDDLQR	AGAP009022-PA	-	53	8.26E-05	2	1316.661	0.89	Pupa	3R:-:23765208-23765176	exon=> In CDS Exon 5 of transcript AGAP009022-PA
JHU_Ag_4007	SPQQIMGVLVK	AGAP009023-PA	M6(Oxidation),"Q3(Deamidated), Q4(Deamidated)"	40	0.001521725	1	1201.655	4.23	Visceras	3R:-:23776667-23776635	exon=> In CDS Exon 4 of transcript AGAP009023-PA
JHU_Ag_32122	FVVFTVSQQPILSLAR	AGAP009023-PA	-	67	5.15E-07	2	1805.033	0.32	Midgut	3R:-:23777036-23776989	exon=> In CDS Exon 3 of transcript AGAP009023-PA
JHU_Ag_107330	FVVFTVSQQPILSLAR	AGAP009023-PA	-	34	0.000824485	2	1805.038	3.43	Pupa	3R:-:23777036-23776989	exon=> In CDS Exon 3 of transcript AGAP009023-PA
JHU_Ag_64189	EVIAVINR	AGAP009025-PA	-	57	1.57E-05	2	913.549	2.23	Ovary	3R:-:23823529-23823506	exon=> In CDS Exon 4 of transcript AGAP009025-PA
JHU_Ag_89470	SSNTNSTNGKPAGR	AGAP009026-PA	N-Term(Acetyl), N8(Deamidated)	79	1.56E-07	2	1433.662	-0.02	Male reproductive organs	3R:-:24093977-24093936	exon=> In CDS Exon 1 of transcript AGAP009026-PA
JHU_Ag_110606	QLVETLATFLR	AGAP009026-PB	-	50	5.38E-05	2	1290.741	-0.51	Male reproductive organs	3R:-:24093534-24093502	exon=> In CDS Exon 2 of transcript AGAP009026-PB
JHU_Ag_37626	KMQELEK	AGAP009027-PA	M2(Oxidation), Q3(Deamidated)	36	0.003897857	1	922.463	8.54	Visceras	3R:-:24095758-24095738	exon=> In CDS Exon 2 of transcript AGAP009027-PA

JHU_Ag_47830	KMQELEK	AGAP009027-PA	M2(Oxidation), Q3(Deamidated)	40	0.001546355	2	922.465	11.05	Larva	3R:-:24095758-24095738	exon=> In CDS Exon 2 of transcript AGAP009027-PA
JHU_Ag_31206	LELLER	AGAP009027-PA,AGAP002684-PA	-	41	0.001581873	2	772.459	3.21	Malpighian tubule	3R:-:24097984-24097967;2R:+:25613534-25613551	exon=> In CDS Exon 1 of transcript AGAP009027-PA;exon=> In CDS Exon 3 of transcript AGAP002684-PA
JHU_Ag_73642	DNSILDADYIAK	AGAP009029-PA	-	68	2.47E-06	2	1337.662	2.72	Head	3R:+:24331674-24331709	exon=> In CDS Exon 5 of transcript AGAP009029-PA
JHU_Ag_96944	VTEGVETFEDIWQK	AGAP009030-PA	-	70	1.64E-06	2	1680.814	1.2	Ovary	3R:-:24351122-24351081	exon=> In CDS Exon 1 of transcript AGAP009030-PA
JHU_Ag_129	RFPGYSAENK	AGAP009031-PA	-	40	0.001395737	2	1168.578	2.75	Male reproductive organs	3R:-:24356709-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_2066	ADDIENIYK	AGAP009031-PA	-	45	0.000482526	2	1080.523	1.56	Malpighian tubule	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_2363	RFPGYSAENK	AGAP009031-PA	-	48	0.000201344	2	1168.575	0.24	Midgut	3R:-:24356709-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_3943	GAVDGGLNIPHSVK	AGAP009031-PA	-	82	7.70E-08	2	1363.734	0.48	Visceras	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_5247	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	80	9.93E-08	2	1913.004	4.93	Larva	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_5319	TLEEEDEEAFK	AGAP009031-PA	-	78	1.64E-07	2	1339.593	2.07	Midgut	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_5644	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	75	4.91E-07	1	1588.774	2.92	Larva	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_7007	ADDIENIYK	AGAP009031-PA	-	38	0.002508146	2	1080.525	3.48	Head	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_11481	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	114	4.07E-11	1	1912.995	0.08	Male reproductive organs	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_11718	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	75	3.80E-07	1	1066.535	0.04	Visceras	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_12156	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	54	6.01E-05	2	1210.588	-0.18	Pupa	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_13623	GAVDGGLNIPHSVK	AGAP009031-PA	-	88	1.70E-08	1	1363.735	1.29	Ovary	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_14410	TLEEEDEEAFK	AGAP009031-PA	-	75	2.88E-07	1	1339.592	1.34	Head	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_14771	SFNAEMHRDHIFGLHVANYMR	AGAP009031-PA	M6(Oxidation), M20(Oxidation)	33	0.006559989	1	2577.187	-0.23	Midgut	3R:-:24356679-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_14901	RFPGYSAENK	AGAP009031-PA	-	42	0.000913985	2	1168.575	0.24	Visceras	3R:-:24356709-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_15115	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	73	6.74E-07	2	1210.589	0.22	Salivary gland	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_16439	ADDIENIYK	AGAP009031-PA	-	44	0.00062786	2	1080.518	-2.28	Midgut	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_16725	GAVDGGLNIPHSVK	AGAP009031-PA	-	86	3.42E-08	1	1363.731	-1.4	Midgut	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_18043	TLEEEDEEAFKR	AGAP009031-PA	-	70	1.34E-06	2	1495.697	3.7	Larva	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_18501	LDTLYAGCTDVTGEEYLVEPVDEGPAAFR	AGAP009031-PA	C8(Carbamidomethyl)	131	9.70E-13	1	3187.475	-0.72	Ovary	3R:-:24356901-24356815	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_18718	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	65	3.91E-06	1	1210.592	2.94	Larva	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_19996	YISLGIK	AGAP009031-PA	-	52	1.65E-05	2	793.481	-0.82	Visceras	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA

JHU_Ag_20473	GAVDGGLNIPHSVK	AGAP009031-PA	-	87	2.29E-08	1	1363.732	-0.5	Pupa	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_20818	TLEEEDEEAFK	AGAP009031-PA	-	36	0.002683933	1	1339.593	1.98	Visceras	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_24582	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	61	1.12E-05	2	1210.591	1.83	Malpighian tubule	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_24857	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	71	1.11E-06	1	1210.589	0.12	Midgut	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_25715	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	47	0.000274349	2	1066.540	4.39	Head	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_26168	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	137	2.22E-13	1	1913.001	2.89	Malpighian tubule	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_26346	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	89	1.77E-08	1	1415.712	1.27	Male reproductive organs	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_28249	TDYYAR	AGAP009031-PA	-	33	0.001678105	1	788.359	1.85	Salivary gland	3R:-:24357162-24357145	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_29664	LSNRDITCQIAYAR	AGAP009031-PA	C8(Carbamidomethyl)	90	1.26E-08	1	1680.852	2.25	Male reproductive organs	3R:-:24357081-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_30178	TLEEEDEEAFKR	AGAP009031-PA	-	67	2.52E-06	1	1495.692	0.76	Salivary gland	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_32907	GAVDGGLNIPHSVK	AGAP009031-PA	-	72	7.57E-07	1	1363.740	5.05	Larva	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_33447	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	51	0.000117424	1	1066.538	2.33	Malpighian tubule	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_33749	TLEEEDEEAFKR	AGAP009031-PA	-	90	1.38E-08	1	1495.692	0.76	Head	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_34161	TLEEEDEEAFKR	AGAP009031-PA	-	86	3.42E-08	1	1495.696	3.37	Ovary	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_34342	RFPGYSAENK	AGAP009031-PA	-	56	3.42E-05	2	1168.575	0.04	Head	3R:-:24356709-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_35031	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	132	6.71E-13	1	1912.999	1.86	Ovary	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_36100	YISLGIK	AGAP009031-PA	-	38	0.000354869	2	793.481	-0.44	Midgut	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_36757	GAVDGGLNIPHSVKR	AGAP009031-PA	-	93	4.85E-09	1	1519.833	-0.72	Male reproductive organs	3R:-:24356751-24356707	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_37186	YISLGIKADDIENIYK	AGAP009031-PA	-	112	5.71E-11	1	1854.991	3.47	Malpighian tubule	3R:-:24356568-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_37502	EGKTDYYAR	AGAP009031-PA	-	41	0.000607874	1	1102.519	2.56	Malpighian tubule	3R:-:24357171-24357145	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_38416	LRLDTLYAGCTDVTGEEYLVEPVDEGPAAFR	AGAP009031-PA	C10(Carbamidomethyl)	47	0.000244904	1	3456.677	4.2	Malpighian tubule	3R:-:24356907-24356815	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_38638	ADDIENIYK	AGAP009031-PA	-	44	0.000559665	1	1080.521	0.5	Male reproductive organs	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_39059	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	66	3.87E-06	2	1415.718	5.58	Malpighian tubule	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_39946	GAVDGGLNIPHSVK	AGAP009031-PA	-	78	2.09E-07	2	1363.734	0.48	Salivary gland	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_40403	TLEEEDEEAFK	AGAP009031-PA	-	40	0.000883239	1	1339.588	-1.85	Pupa	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_41839	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	114	4.08E-11	1	1912.998	1.42	Pupa	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_42011	TLEEEDEEAFKR	AGAP009031-PA	-	100	1.49E-09	1	1495.691	0.03	Malpighian tubule	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA

JHU_Ag_42432	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	71	1.09E-06	1	1210.592	2.74	Male reproductive organs	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_43402	FRLIVR	AGAP009031-PA	-	20	0.004518247	1	803.526	0.85	Malpighian tubule	3R:-:24357099-24357082	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_43813	YISLGIK	AGAP009031-PA	-	28	0.003837672	2	793.483	1.95	Larva	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_43938	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	62	7.49E-06	2	1210.592	2.94	Head	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_46451	GAVDGGLNIPHSVKR	AGAP009031-PA	-	35	0.003335539	1	1519.829	-3	Salivary gland	3R:-:24356751-24356707	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_46685	TLEEEDEEAFK	AGAP009031-PA	-	83	4.42E-08	1	1339.591	0.97	Salivary gland	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_48027	LSNRDITCQIAYAR	AGAP009031-PA	C8(Carbamidomethyl)	53	6.84E-05	2	1680.853	2.76	Visceras	3R:-:24357081-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_48104	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	56	3.36E-05	2	1066.537	2.22	Salivary gland	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_48209	FPGYSAENK	AGAP009031-PA	-	45	0.00031752	1	1012.477	3.54	Head	3R:-:24356706-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_48427	NAHASIR	AGAP009031-PA	N1(Deamidated)	37	0.001253357	1	769.397	2.28	Ovary	3R:-:24356237-24356255,24356063-24356213	exon=> In CDS Exon 3 and 2 of transcript AGAP009031-PA
JHU_Ag_48574	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	80	1.35E-07	2	1415.706	-2.79	Pupa	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_48965	GAVDGGLNIPHSVK	AGAP009031-PA	-	91	1.03E-08	1	1363.735	1.56	Head	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_49684	TLEEEDEEAFK	AGAP009031-PA	-	74	3.28E-07	1	1339.591	1.07	Ovary	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_50349	ADDIENIYK	AGAP009031-PA	-	41	0.001168209	1	1080.522	1.52	Larva	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_50755	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	68	2.09E-06	1	1210.589	0.02	Visceras	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_50890	FPGYSAENK	AGAP009031-PA	-	60	9.40E-06	2	1012.475	1.59	Male reproductive organs	3R:-:24356706-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_52081	TLEEEDEEAFK	AGAP009031-PA	-	61	7.53E-06	2	1339.592	1.79	Malpighian tubule	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_54279	IEGDRIVCAAYSHELPR	AGAP009031-PA	C8(Carbamidomethyl)	66	4.12E-06	1	1985.989	1.19	Midgut	3R:-:24357039-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_54280	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	38	0.001936364	2	1066.535	0.04	Pupa	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_54859	SFNAEMHRDHIFGLHVANYMR	AGAP009031-PA	M6(Oxidation), M20(Oxidation)	61	1.11E-05	1	2577.192	1.9	Male reproductive organs	3R:-:24356679-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_56747	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	67	3.21E-06	1	1588.770	0.57	Visceras	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_57252	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	83	7.43E-08	2	1415.709	-1.06	Midgut	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_57779	RFPGYSAENK	AGAP009031-PA	-	56	3.46E-05	2	1168.572	-1.84	Ovary	3R:-:24356709-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_58104	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	89	1.83E-08	1	1588.771	1.38	Salivary gland	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_58169	TLEEEDEEAFKR	AGAP009031-PA	-	93	6.24E-09	1	1495.694	1.74	Male reproductive organs	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_58837	GAVDGGLNIPHSVK	AGAP009031-PA	-	100	1.10E-09	1	1363.733	-0.06	Male reproductive organs	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_58851	SFNAEMHRDHIFGLHVANYMR	AGAP009031-PA	M20(Oxidation),M6(Oxidation)	62	1.09E-05	1	2561.212	7.53	Malpighian tubule	3R:-:24356679-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA

JHU_Ag_59230	ADDIENIYK	AGAP009031-PA	-	45	0.000534476	2	1080.521	0.43	Visceras	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_60090	GAVDGGLNIPHSVKR	AGAP009031-PA	-	98	1.82E-09	1	1519.834	-0.24	Midgut	3R:-:24356751-24356707	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_60960	VFGAMKGAVDGGLNIPHSVK	AGAP009031-PA	M5(Oxidation)	89	1.62E-08	1	2013.062	1.65	Malpighian tubule	3R:-:24356769-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_61232	RLIFQDK	AGAP009031-PA	-	33	0.003008588	1	919.539	3.56	Male reproductive organs	3R:-:24357141-24357121	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_62726	TLEEEDEEAFK	AGAP009031-PA	-	48	0.000137393	2	1339.590	-0.21	Male reproductive organs	3R:-:24356616-24356584	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_63944	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	109	1.94E-10	1	1588.768	-0.38	Ovary	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_64001	GAVDGGLNIPHSVKR	AGAP009031-PA	-	65	3.14E-06	1	1519.833	-0.65	Pupa	3R:-:24356751-24356707	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_65811	SFNAEMHR	AGAP009031-PA	M6(Oxidation)	46	0.00013561	1	1007.437	0.79	Ovary	3R:-:24356679-24356656	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_67667	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	113	4.98E-11	1	1913.002	3.52	Visceras	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_69410	SFNAEMHR	AGAP009031-PA	-	43	0.000409852	1	991.441	-0.82	Pupa	3R:-:24356679-24356656	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_69775	TDYYAR	AGAP009031-PA	-	30	0.003922808	2	788.358	0.23	Midgut	3R:-:24357162-24357145	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_70043	YISLGIK	AGAP009031-PA	-	38	0.000342821	2	793.481	-0.44	Salivary gland	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_71107	RLIFQDK	AGAP009031-PA	Q5(Deamidated)	36	0.002029975	1	919.531	-5.2	Head	3R:-:24357141-24357121	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_73170	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	116	2.54E-11	1	1912.992	-1.45	Head	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_73210	IEGDRIVCAAYSHELPR	AGAP009031-PA	C8(Carbamidomethyl)	108	2.44E-10	1	1985.988	0.64	Malpighian tubule	3R:-:24357039-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_73627	LIFQDK	AGAP009031-PA	-	37	0.001194404	2	763.434	-1.01	Visceras	3R:-:24357138-24357121	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_73816	NAHASIR	AGAP009031-PA	-	36	0.001141445	1	768.413	2.61	Malpighian tubule	3R:-:24356237-24356255,24356063-24356213	exon=> In CDS Exon 3 and 2 of transcript AGAP009031-PA
JHU_Ag_74402	LSNRDITCQIAYAR	AGAP009031-PA	C8(Carbamidomethyl)	83	7.15E-08	1	1680.848	-0.51	Midgut	3R:-:24357081-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_75372	TLEEEDEEAFKR	AGAP009031-PA	-	41	0.001086966	1	1495.692	0.83	Midgut	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_78890	VGLTNYAAAYCTGLLVARR	AGAP009031-PA	C11(Carbamidomethyl)	78	1.51E-07	1	2069.104	3.82	Malpighian tubule	3R:-:24356976-24356920	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_79561	ADDIENIYK	AGAP009031-PA	-	41	0.001170902	2	1080.523	1.56	Salivary gland	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_80057	ADDIENIYK	AGAP009031-PA	-	45	0.000484147	1	1080.520	-0.74	Pupa	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_81380	TLEEEDEEAFKR	AGAP009031-PA	-	87	2.78E-08	1	1495.690	-0.63	Pupa	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_81668	NAHASIR	AGAP009031-PA	-	43	0.000300484	2	768.411	0.29	Male reproductive organs	3R:-:24356237-24356255,24356063-24356213	exon=> In CDS Exon 3 and 2 of transcript AGAP009031-PA
JHU_Ag_81786	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	42	0.000762725	2	1066.533	-2.25	Male reproductive organs	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA

JHU_Ag_81789	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	83	6.45E-08	2	1415.714	2.47	Head	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_81859	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	66	3.21E-06	2	1415.711	0.92	Salivary gland	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_82661	FPGYSAENK	AGAP009031-PA	-	44	0.000374734	1	1012.473	-0.08	Midgut	3R:-:24356706-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_83411	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	86	3.47E-08	2	1415.715	3.6	Larva	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_84613	FPGYSAENK	AGAP009031-PA	-	45	0.000330159	1	1012.474	0.27	Pupa	3R:-:24356706-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_85421	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	103	7.46E-10	1	1588.773	2.61	Male reproductive organs	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_86360	FPGYSAENK	AGAP009031-PA	-	60	9.37E-06	2	1012.472	-1.66	Ovary	3R:-:24356706-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_86828	LSNRDITCQIAYAR	AGAP009031-PA	C8(Carbamidomethyl)	87	3.15E-08	1	1680.851	1.31	Malpighian tubule	3R:-:24357081-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_87109	LIFQDK	AGAP009031-PA	-	32	0.005703504	1	763.437	3.08	Head	3R:-:24357138-24357121	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_89070	SFNAEMHR	AGAP009031-PA	-	37	0.001448337	2	991.440	-1.06	Midgut	3R:-:24356679-24356656	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_89567	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	128	1.54E-12	1	1912.997	0.97	Midgut	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_89942	VGLTNYAAAYCTGLLVAR	AGAP009031-PA	C11(Carbamidomethyl)	118	1.53E-11	1	1912.995	-0.11	Salivary gland	3R:-:24356976-24356923	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_91102	DITCQIAYAR	AGAP009031-PA	C4(Carbamidomethyl)	66	3.79E-06	1	1210.589	0.73	Ovary	3R:-:24357069-24357040	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_91353	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	72	9.95E-07	1	1588.772	1.77	Head	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_91628	TLEEEDEEAFKR	AGAP009031-PA	-	86	3.54E-08	1	1495.695	2.31	Visceras	3R:-:24356616-24356581	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_94250	TDYYAR	AGAP009031-PA	-	31	0.003385299	1	788.357	-0.08	Male reproductive organs	3R:-:24357162-24357145	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_96700	YISLGIK	AGAP009031-PA	-	39	0.000267959	2	793.482	-0.13	Male reproductive organs	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_97319	RLIFQDK	AGAP009031-PA	-	32	0.00387743	2	919.536	-0.16	Pupa	3R:-:24357141-24357121	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_97550	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	66	3.65E-06	2	1415.709	-0.46	Ovary	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_98752	YISLGIK	AGAP009031-PA	-	39	0.000275466	2	793.482	-0.29	Pupa	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_99507	FPGYSAENK	AGAP009031-PA	-	37	0.00187917	2	1012.473	-0.94	Visceras	3R:-:24356706-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_99634	LRLDTLYAGCTDVTGEEYLVEPVDEGPAAFR	AGAP009031-PA	C10(Carbamidomethyl)	39	0.001299885	3	3456.654	-2.68	Midgut	3R:-:24356907-24356815	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_99911	LRLDTLYAGCTDVTGEEYLVEPVDEGPAAFR	AGAP009031-PA	C10(Carbamidomethyl)	49	0.000137808	3	3456.686	6.75	Salivary gland	3R:-:24356907-24356815	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_102078	YISLGIK	AGAP009031-PA	-	38	0.000253191	2	793.481	-0.98	Ovary	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_103150	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	104	5.59E-10	1	1588.767	-1.54	Midgut	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_103230	RLIFQDK	AGAP009031-PA	-	32	0.004200527	1	919.535	-1.42	Ovary	3R:-:24357141-24357121	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_105488	RFPGYSAENK	AGAP009031-PA	-	53	7.02E-05	2	1168.573	-1.53	Pupa	3R:-:24356709-24356680	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_106798	IVCAAYSHELPR	AGAP009031-PA	C3(Carbamidomethyl)	66	3.78E-06	1	1415.709	-0.72	Visceras	3R:-:24357024-24356989	exon=> In CDS Exon 1 of transcript AGAP009031-PA

JHU_Ag_107996	SFNAEMHR	AGAP009031-PA	M6(Oxidation)	43	0.000291268	1	1007.437	0.67	Male reproductive organs	3R:-:24356679-24356656	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_108509	ADDIENIYK	AGAP009031-PA	-	50	0.00018943	2	1080.537	14.55	Ovary	3R:-:24356547-24357240,24356220-24356238	exon=> In CDS Exon 2 and 1 of transcript AGAP009031-PA
JHU_Ag_110638	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	62	8.02E-06	1	1066.535	0.34	Midgut	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_111201	CYLDVGLAR	AGAP009031-PA	C1(Carbamidomethyl)	56	3.11E-05	2	1066.534	-1.22	Ovary	3R:-:24356814-24356788	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_111241	YISLGIK	AGAP009031-PA	-	31	0.001769	2	793.484	2.56	Malpighian tubule	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_111669	LDTLYAGCTDVTGEEYLVEPVDEGPAAFR	AGAP009031-PA	C8(Carbamidomethyl)	46	0.000298104	1	3187.483	1.57	Visceras	3R:-:24356901-24356815	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_115216	GAVDGGLNIPHSVK	AGAP009031-PA	-	99	1.66E-09	1	1363.735	1.65	Malpighian tubule	3R:-:24356751-24356710	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_116334	GAVDGGLNIPHSVKR	AGAP009031-PA	-	113	4.56E-11	1	1519.835	0.8	Malpighian tubule	3R:-:24356751-24356707	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_116527	YISLGIK	AGAP009031-PA	-	31	0.001930758	2	793.485	4.48	Head	3R:-:24356568-24356548	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_117731	DHIFGLHVANYMR	AGAP009031-PA	M12(Oxidation)	68	2.29E-06	1	1588.768	-0.7	Pupa	3R:-:24356655-24356617	exon=> In CDS Exon 1 of transcript AGAP009031-PA
JHU_Ag_6403	LLPALYDDGVYK	AGAP009033-PA	-	50	0.00010576	2	1366.727	1.11	Salivary gland	3R:-:24364568-24364533	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_15818	TNLETALDYGEAIYER	AGAP009033-PA	-	102	1.19E-09	1	1857.891	2.41	Salivary gland	3R:-:24364916-24364869	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_19246	LCVADANLETVCYGSGDTR	AGAP009033-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	117	1.75E-11	2	2100.933	0.39	Salivary gland	3R:-:24364007-24363951	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_26051	YTDYYALCTGRPVSGWADLEPVLK	AGAP009033-PA	C8(Carbamidomethyl)	182	9.52E-18	1	2774.359	3.52	Salivary gland	3R:-:24363416-24363345	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_29303	HSVALVQWSQFVEHDLAK	AGAP009033-PA	-	64	4.66E-06	1	2094.087	5.03	Malpighian tubule	3R:-:24364430-24364377	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_30109	VDALLAEYSAAR	AGAP009033-PA	-	98	2.16E-09	2	1278.672	2.27	Salivary gland	3R:-:24363155-24363120	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_31003	TNLETALDYGEAIYER	AGAP009033-PA	-	87	3.71E-08	2	1857.900	7.4	Malpighian tubule	3R:-:24364916-24364869	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_42184	VNVNPYITLLHTLFLR	AGAP009033-PA	-	90	1.93E-09	1	1913.105	2.18	Salivary gland	3R:-:24363950-24363903	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_46038	GGTTYAQIIDGYPTPSTQR	AGAP009033-PA	-	89	1.77E-08	1	2025.992	2.13	Salivary gland	3R:-:24364814-24364758	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_49166	SALSLGSTGGCHLGPANQLNAATNR	AGAP009033-PA	C11(Carbamidomethyl)	119	1.90E-11	1	2467.213	0.93	Salivary gland	3R:-:24364211-24364137	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_52739	NVGLDVLALDIQR	AGAP009033-PA	-	65	1.61E-06	2	1425.816	7.02	Salivary gland	3R:-:24363479-24363441	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_82687	VSNEFATAAIR	AGAP009033-PA	-	107	2.72E-10	2	1178.620	2.93	Malpighian tubule	3R:-:24363710-24363678	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_88930	VDALLAEYSAAR	AGAP009033-PA	-	61	9.94E-06	2	1278.672	2.74	Head	3R:-:24363155-24363120	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_92946	SALSLGSTGGCHLGPANQLNAATNR	AGAP009033-PA	C11(Carbamidomethyl)	116	3.78E-11	1	2467.209	-0.85	Head	3R:-:24364211-24364137	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_94343	SLAIEVDSSPVPLER	AGAP009033-PA	-	100	1.00E-09	1	1611.864	2.89	Salivary gland	3R:-:24363200-24363156	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_94881	ASGFFVNR	AGAP009033-PA	-	53	4.05E-05	2	897.459	1.88	Salivary gland	3R:-:24364727-24364704	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_97392	HSVALVQWSQFVEHDLAK	AGAP009033-PA	-	77	2.35E-07	1	2094.085	3.89	Salivary gland	3R:-:24364430-24364377	exon=> In CDS Exon 1 of transcript AGAP009033-PA

JHU_Ag_98297	ATCLNYVR	AGAP009033-PA	C3(Carbamidomethyl)	45	0.000317953	2	996.493	-0.25	Salivary gland	3R:-:24364235-24364212	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_98791	TNLETALDYGEAIYER	AGAP009033-PA	-	88	2.79E-08	2	1857.895	4.78	Head	3R:-:24364916-24364869	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_99446	ADDLEIVR	AGAP009033-PA	-	72	1.21E-06	2	930.491	1.82	Salivary gland	3R:-:24363344-24363321	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_105804	VSNEFATAAIR	AGAP009033-PA	-	102	1.06E-09	2	1178.618	1.58	Salivary gland	3R:-:24363710-24363678	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_109104	VPAVDNPQIR	AGAP009033-PA	-	55	3.35E-05	1	1108.609	-1.75	Salivary gland	3R:-:24363068-24363039	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_110276	LQAQLFDSAEYLQPAADGR	AGAP009033-PA	-	69	1.77E-06	2	2093.049	9.18	Salivary gland	3R:-:24364064-24364008	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_111571	AVVGEAAGDPTPPPPVGER	AGAP009033-PA	-	44	0.000604076	2	1815.930	3.61	Salivary gland	3R:-:24363776-24363720	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_113579	LLPALYDDGVYK	AGAP009033-PA	-	39	0.001195316	2	1366.733	5.84	Malpighian tubule	3R:-:24364568-24364533	exon=> In CDS Exon 1 of transcript AGAP009033-PA
JHU_Ag_38909	EAINDAQLATVQGTK	AGAP009035-PA	-	115	5.17E-11	1	1558.809	1.39	Ovary	3R:+:24401568-24401612	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_43621	EAINDAQLATVQGTK	AGAP009035-PA	-	57	2.85E-05	2	1558.808	0.61	Male reproductive organs	3R:+:24401568-24401612	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_47112	FLAGTPPSK	AGAP009035-PA	-	41	0.001579931	1	917.508	-1.73	Ovary	3R:+:24400968-24400994	exon=> In CDS Exon 2 of transcript AGAP009035-PA
JHU_Ag_54393	ANFVSGAITAQR	AGAP009035-PA	-	76	3.71E-07	1	1234.655	0.94	Malpighian tubule	3R:+:24401463-24401498	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_55081	ANFVSGAITAQR	AGAP009035-PA	-	78	2.14E-07	2	1234.655	0.74	Salivary gland	3R:+:24401463-24401498	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_90242	VDGEPPEGCQTPEELGEELEEAIFVEFK	AGAP009035-PA	C9(Carbamidomethyl)	108	2.17E-10	1	3177.461	4.79	Ovary	3R:+:24401301-24401384	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_92669	LNIDLDILTK	AGAP009035-PA	-	57	1.39E-05	1	1157.674	-2.75	Ovary	3R:+:24400842-24400871	exon=> In CDS Exon 2 of transcript AGAP009035-PA
JHU_Ag_95533	ANFVSGAITAQR	AGAP009035-PA	-	44	0.00061923	2	1234.653	-0.45	Male reproductive organs	3R:+:24401463-24401498	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_99677	EAINDAQLATVQGTK	AGAP009035-PA	-	95	4.47E-09	2	1558.808	0.3	Salivary gland	3R:+:24401568-24401612	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_100611	ANFVSGAITAQR	AGAP009035-PA	-	73	7.74E-07	2	1234.654	-0.15	Ovary	3R:+:24401463-24401498	exon=> In CDS Exon 3 of transcript AGAP009035-PA
JHU_Ag_108923	MNVEEEVFR	AGAP009035-PA	N-Term(Acetyl), M1(Oxidation)	59	1.23E-05	2	1210.542	0.51	Ovary	3R:+:24399272-24399298	exon=> In CDS Exon 1 of transcript AGAP009035-PA
JHU_Ag_112081	DDEVISLAK	AGAP009035-PA	-	44	0.00074261	2	989.516	0.9	Ovary	3R:+:24400917-24400943	exon=> In CDS Exon 2 of transcript AGAP009035-PA
JHU_Ag_113336	MTSLSDGSGQEQALDLLR	AGAP009035-PA	M1(Oxidation)	164	6.65E-16	1	1936.928	0.13	Ovary	3R:+:24399320-24399343,24400800-24400829	exon=> In CDS Exon 1 and 2 of transcript AGAP009035-PA
JHU_Ag_713	EYLAYNSPSATFLGGLTQPK	AGAP009036-PA	-	140	1.23E-13	1	2157.089	1.31	Malpighian tubule	3R:+:24446833-24446872,24449220-24449239	exon=> In CDS Exon 17 and 18 of transcript AGAP009036-PA
JHU_Ag_4199	VGEGEGGEHGGEHVVER	AGAP009036-PA	-	133	6.36E-13	1	1733.782	-1.13	Midgut	3R:+:24428992-24429042	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_6509	QAAGPSEDWDGGGLTFTAK	AGAP009036-PA	Q1(Deamidated)	103	6.35E-10	2	1907.886	4.75	Malpighian tubule	3R:+:24443514-24443570	exon=> In CDS Exon 15 of transcript AGAP009036-PA
JHU_Ag_8191	NYVEQNVSHK	AGAP009036-PA	-	41	0.001227801	1	1217.594	2.64	Malpighian tubule	3R:+:24436894-24436923	exon=> In CDS Exon 6 of transcript AGAP009036-PA
JHU_Ag_9685	IHHLLSEELKPYRR	AGAP009036-PA	-	85	1.32E-08	1	1791.007	2.45	Malpighian tubule	3R:+:24438862-24438903	exon=> In CDS Exon 11 of transcript AGAP009036-PA
JHU_Ag_10289	FIRPLLIK	AGAP009036-PA	-	36	2.36E-05	1	999.671	-0.27	Malpighian tubule	3R:+:24437749-24437772	exon=> In CDS Exon 9 of transcript AGAP009036-PA

JHU_Ag_15762	FDNRFIRPLLIK	AGAP009036-PA	-	40	0.000153592	1	1531.916	3.64	Malpighian tubule	3R:+:24437737-24437772	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_15828	QFANDYINEVLHEDNEDEERQAAGPSEDWDGGGLTFTAK	AGAP009036-PA	-	101	4.46E-10	1	4367.965	9.55	Malpighian tubule	3R:+:24442386-24442398,24443467-24443570	exon=> In CDS Exon 14 and 15 of transcript AGAP009036-PA
JHU_Ag_18149	NLDMQELDYNPSK	AGAP009036-PA	M4(Oxidation)	66	2.77E-06	2	1566.716	3.34	Salivary gland	3R:+:24438802-24438840	exon=> In CDS Exon 11 of transcript AGAP009036-PA
JHU_Ag_21782	ILNVKR	AGAP009036-PA	-	31	0.001986405	1	742.496	2.92	Malpighian tubule	3R:+:24437485-24437502	exon=> In CDS Exon 8 of transcript AGAP009036-PA
JHU_Ag_24338	NPSTIGQMSGTESMSALFR	AGAP009036-PA	M8(Oxidation), M14(Oxidation)	117	2.44E-11	2	2045.927	0.26	Midgut	3R:+:24437966-24438022	exon=> In CDS Exon 10 of transcript AGAP009036-PA
JHU_Ag_24971	NLQGPEPK	AGAP009036-PA	-	38	0.00153232	1	882.468	-0.14	Midgut	3R:+:24437773-24437781,24437894-24437908	exon=> In CDS Exon 9 and 10 of transcript AGAP009036-PA
JHU_Ag_27608	NYTSYFGGSPSFTNLENSTR	AGAP009036-PA	-	179	1.31E-17	1	2242.009	1.81	Malpighian tubule	3R:+:24438023-24438048,24438768-24438801	exon=> In CDS Exon 10 and 11 of transcript AGAP009036-PA
JHU_Ag_28493	VGEGEGGEHGGEHVVER	AGAP009036-PA	-	68	2.16E-06	1	1733.784	0.34	Salivary gland	3R:+:24428992-24429042	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_28787	IHHLLSEELKPYR	AGAP009036-PA	-	64	2.27E-06	1	1634.901	-0.2	Salivary gland	3R:+:24438862-24438900	exon=> In CDS Exon 11 of transcript AGAP009036-PA
JHU_Ag_31059	DLSTQVNYK	AGAP009036-PA	-	45	0.000486241	2	1067.537	0.11	Malpighian tubule	3R:+:24442057-24442071,24442150-24442161	exon=> In CDS Exon 12 and 13 of transcript AGAP009036-PA
JHU_Ag_32726	HAVDDRDLSTQVNYK	AGAP009036-PA	-	75	5.61E-07	1	1760.861	2.48	Salivary gland	3R:+:24442039-24442071,24442150-24442161	exon=> In CDS Exon 12 and 13 of transcript AGAP009036-PA
JHU_Ag_36166	VGEGEGGEHGGEHVVER	AGAP009036-PA	-	49	0.000156033	1	1733.790	3.41	Larva	3R:+:24428992-24429042	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_36611	VDQFVMSYGGLR	AGAP009036-PA	M6(Oxidation)	60	1.44E-05	2	1387.671	2.38	Midgut	3R:+:24437220-24437247,24437339-24437346	exon=> In CDS Exon 7 and 8 of transcript AGAP009036-PA
JHU_Ag_38110	NYTSYFGGSPSFTNLENSTR	AGAP009036-PA	-	179	1.39E-17	1	2242.012	3.12	Salivary gland	3R:+:24438023-24438048,24438768-24438801	exon=> In CDS Exon 10 and 11 of transcript AGAP009036-PA
JHU_Ag_40745	IHHLLSEELKPYR	AGAP009036-PA	-	112	2.78E-11	1	1634.913	6.98	Malpighian tubule	3R:+:24438862-24438900	exon=> In CDS Exon 11 of transcript AGAP009036-PA
JHU_Ag_42837	IHHLLSEELKPYR	AGAP009036-PA	-	57	1.42E-05	1	1634.899	-1.32	Midgut	3R:+:24438862-24438900	exon=> In CDS Exon 11 of transcript AGAP009036-PA
JHU_Ag_43684	AGPHATAFPVTASHRR	AGAP009036-PA	-	67	2.98E-06	1	1675.880	1.7	Malpighian tubule	3R:+:24449474-24449521	exon=> In CDS Exon 18 of transcript AGAP009036-PA
JHU_Ag_48380	VATPTAIESVLPWK	AGAP009036-PA	-	78	9.75E-08	2	1511.845	-1.39	Midgut	3R:+:24446722-24446763	exon=> In CDS Exon 17 of transcript AGAP009036-PA
JHU_Ag_48908	SVIGLFR	AGAP009036-PA	-	43	0.000307073	2	791.480	2.73	Salivary gland	3R:+:24449249-24449269	exon=> In CDS Exon 18 of transcript AGAP009036-PA
JHU_Ag_54421	SVIGLFR	AGAP009036-PA	-	42	0.000404801	1	791.480	2.88	Malpighian tubule	3R:+:24449249-24449269	exon=> In CDS Exon 18 of transcript AGAP009036-PA
JHU_Ag_55269	NPSTIGQMSGTESMSALFR	AGAP009036-PA	M8(Oxidation), M14(Oxidation)	106	3.14E-10	2	2045.939	5.74	Malpighian tubule	3R:+:24437966-24438022	exon=> In CDS Exon 10 of transcript AGAP009036-PA
JHU_Ag_59591	YPVSQVDFSR	AGAP009036-PA	-	79	1.52E-07	1	1197.589	-0.62	Midgut	3R:+:24429043-24429072	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_59988	FLESEQR	AGAP009036-PA	-	42	0.001021406	1	908.450	3.35	Malpighian tubule	3R:+:24446603-24446612,24446711-24446721	exon=> In CDS Exon 16 and 17 of transcript AGAP009036-PA

JHU_Ag_61904	QFANDYINEVLHEDNEDEER	AGAP009036-PA	-	62	4.47E-06	1	2479.066	0.53	Midgut	3R:+:24442386-24442398,24443467-24443513	exon=> In CDS Exon 14 and 15 of transcript AGAP009036-PA
JHU_Ag_63930	SAEAAAIIASTAPSADGGAGHEAEDTALGHGR	AGAP009036-PA	-	78	2.33E-07	1	2961.395	0.56	Malpighian tubule	3R:+:24428896-24428991	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_64596	FMDHMMAGIEDIVGK	AGAP009036-PA	M2(Oxidation), M5(Oxidation), M6(Oxidation)	39	0.000907505	1	1741.763	2.27	Larva	3R:+:24437656-24437700	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_65328	SVIGLFRR	AGAP009036-PA	-	26	0.004430461	1	947.582	3.58	Malpighian tubule	3R:+:24449249-24449272	exon=> In CDS Exon 18 of transcript AGAP009036-PA
JHU_Ag_66088	EYLAYNSPSATFLGGLTQPK	AGAP009036-PA	-	136	3.11E-13	1	2157.088	0.74	Salivary gland	3R:+:24446833-24446872,24449220-24449239	exon=> In CDS Exon 17 and 18 of transcript AGAP009036-PA
JHU_Ag_66701	QAAGPSEDWDGGGLTFTAK	AGAP009036-PA	-	41	0.00092161	2	1907.881	2.19	Midgut	3R:+:24443514-24443570	exon=> In CDS Exon 15 of transcript AGAP009036-PA
JHU_Ag_67733	VGEGEGGEHGGEHVVERYPVSQVDFSR	AGAP009036-PA	-	107	3.00E-10	1	2912.372	5.43	Malpighian tubule	3R:+:24428992-24429072	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_68968	DLSTQVNYK	AGAP009036-PA	-	42	0.000908279	2	1067.538	0.8	Salivary gland	3R:+:24442057-24442071,24442150-24442161	exon=> In CDS Exon 12 and 13 of transcript AGAP009036-PA
JHU_Ag_71573	FMDHMMAGIEDIVGK	AGAP009036-PA	M5(Oxidation), M6(Oxidation),"M2(Oxidation), M6(Oxidation)","M2(Oxidation), M5(Oxidation), M6(Oxidation)"	57	1.43E-05	1	1725.763	-1.07	Midgut	3R:+:24437656-24437700	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_72222	AGPHATAFPVTASHR	AGAP009036-PA	-	85	5.20E-08	1	1519.775	-0.93	Salivary gland	3R:+:24449474-24449518	exon=> In CDS Exon 18 of transcript AGAP009036-PA
JHU_Ag_72335	HAVDDRDLSTQVNYK	AGAP009036-PA	-	93	7.23E-09	1	1760.864	4.29	Malpighian tubule	3R:+:24442039-24442071,24442150-24442161	exon=> In CDS Exon 12 and 13 of transcript AGAP009036-PA
JHU_Ag_74321	RNPSTIGQMSGTESMSALFR	AGAP009036-PA	M9(Oxidation), M15(Oxidation)	86	3.00E-08	1	2202.026	-1.04	Midgut	3R:+:24437963-24438022	exon=> In CDS Exon 10 of transcript AGAP009036-PA
JHU_Ag_76320	TGNYNIR	AGAP009036-PA	-	40	0.001279915	2	837.423	1.4	Malpighian tubule	3R:+:24437701-24437721	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_77579	FMDHMMAGIEDIVGK	AGAP009036-PA	M2(Oxidation), M5(Oxidation), M6(Oxidation)	70	1.36E-06	1	1693.780	2.84	Malpighian tubule	3R:+:24437656-24437700	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_78358	VETPFVIGVWILSASIAK	AGAP009036-PA	-	109	3.62E-11	2	1930.103	-1.08	Midgut	3R:+:24429073-24429126	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_80441	QNEFPSWASNK	AGAP009036-PA	-	46	0.000281712	2	1307.601	-0.51	Salivary gland	3R:+:24446800-24446832	exon=> In CDS Exon 17 of transcript AGAP009036-PA
JHU_Ag_82306	VATPTAIESVLPWK	AGAP009036-PA	-	78	8.17E-08	1	1511.854	4.5	Salivary gland	3R:+:24446722-24446763	exon=> In CDS Exon 17 of transcript AGAP009036-PA
JHU_Ag_82468	ILETYSK	AGAP009036-PA	-	39	0.000935373	1	853.469	2.74	Malpighian tubule	3R:+:24437909-24437929	exon=> In CDS Exon 10 of transcript AGAP009036-PA
JHU_Ag_84968	FIRPLLIK	AGAP009036-PA	-	19	0.000628015	1	999.672	0.28	Salivary gland	3R:+:24437749-24437772	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_87495	VGEGEGGEHGGEHVVER	AGAP009036-PA	-	50	0.000121591	1	1733.782	-1.35	Head	3R:+:24428992-24429042	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_88002	VGEGEGGEHGGEHVVER	AGAP009036-PA	-	99	1.78E-09	1	1733.782	-1.03	Malpighian tubule	3R:+:24428992-24429042	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_91618	VATPTAIESVLPWK	AGAP009036-PA	-	101	4.84E-10	1	1511.849	1.67	Malpighian tubule	3R:+:24446722-24446763	exon=> In CDS Exon 17 of transcript AGAP009036-PA

JHU_Ag_92864	FIRPLLIK	AGAP009036-PA	-	41	4.99E-05	1	999.670	-1.25	Salivary gland	3R:+:24437749-24437772	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_94441	NLQGPEPK	AGAP009036-PA	-	37	0.001799401	1	882.470	2.29	Malpighian tubule	3R:+:24437773-24437781,24437894-24437908	exon=> In CDS Exon 9 and 10 of transcript AGAP009036-PA
JHU_Ag_95543	YPVSQVDFSR	AGAP009036-PA	-	72	7.38E-07	1	1197.593	2.54	Salivary gland	3R:+:24429043-24429072	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_95778	VATPTAIESVLPWKR	AGAP009036-PA	-	65	1.01E-06	1	1667.952	2.51	Malpighian tubule	3R:+:24446722-24446766	exon=> In CDS Exon 17 of transcript AGAP009036-PA
JHU_Ag_97770	NPSTIGQMSGTESMSALFR	AGAP009036-PA	M8(Oxidation), M14(Oxidation)	56	2.73E-05	1	2045.927	0.2	Salivary gland	3R:+:24437966-24438022	exon=> In CDS Exon 10 of transcript AGAP009036-PA
JHU_Ag_99238	AGPHATAFPVTASHR	AGAP009036-PA	-	103	9.58E-10	1	1519.780	2.38	Malpighian tubule	3R:+:24449474-24449518	exon=> In CDS Exon 18 of transcript AGAP009036-PA
JHU_Ag_102087	AGPHATAFPVTASHR	AGAP009036-PA	-	67	3.30E-06	2	1519.781	2.67	Head	3R:+:24449474-24449518	exon=> In CDS Exon 18 of transcript AGAP009036-PA
JHU_Ag_102342	TGNYNIR	AGAP009036-PA	-	41	0.000867324	1	837.423	1.4	Salivary gland	3R:+:24437701-24437721	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_103526	NLDMQELDYNPSKK	AGAP009036-PA	-	64	6.00E-06	1	1694.814	4.75	Malpighian tubule	3R:+:24438802-24438843	exon=> In CDS Exon 11 of transcript AGAP009036-PA
JHU_Ag_103927	TGNYNIR	AGAP009036-PA	-	61	1.01E-05	2	837.422	0.16	Midgut	3R:+:24437701-24437721	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_103939	QFANDYINEVLHEDNEDEER	AGAP009036-PA	-	102	4.22E-10	1	2479.066	0.75	Malpighian tubule	3R:+:24442386-24442398,24443467-24443513	exon=> In CDS Exon 14 and 15 of transcript AGAP009036-PA
JHU_Ag_105815	FIRPLLIK	AGAP009036-PA	-	24	0.000606864	2	999.671	-0.33	Midgut	3R:+:24437749-24437772	exon=> In CDS Exon 9 of transcript AGAP009036-PA
JHU_Ag_107712	YPVSQVDFSR	AGAP009036-PA	-	73	5.81E-07	1	1197.591	1.21	Malpighian tubule	3R:+:24429043-24429072	exon=> In CDS Exon 2 of transcript AGAP009036-PA
JHU_Ag_109206	NYVEQNVSHK	AGAP009036-PA	-	65	3.81E-06	1	1217.590	-0.57	Midgut	3R:+:24436894-24436923	exon=> In CDS Exon 6 of transcript AGAP009036-PA
JHU_Ag_111054	RNPSTIGQMSGTESMSALFR	AGAP009036-PA	M9(Oxidation), M15(Oxidation)	110	1.50E-10	1	2202.034	2.87	Malpighian tubule	3R:+:24437963-24438022	exon=> In CDS Exon 10 of transcript AGAP009036-PA
JHU_Ag_111943	VDESDDNGAIK	AGAP009036-PA	-	55	2.92E-05	2	1162.524	1.12	Salivary gland	3R:+:24446767-24446799	exon=> In CDS Exon 17 of transcript AGAP009036-PA
JHU_Ag_114235	QAAGPSEDWDGGGLTFTAK	AGAP009036-PA	-	86	2.84E-08	2	1907.883	3.08	Salivary gland	3R:+:24443514-24443570	exon=> In CDS Exon 15 of transcript AGAP009036-PA
JHU_Ag_2056	SGETESQLQFTNK	AGAP009037-PA	-	61	1.06E-05	2	1468.692	0.4	Ovary	3R:-:24471319-24471281	exon=> In CDS Exon 7 of transcript AGAP009037-PA
JHU_Ag_8518	AQNQSLSVELSTFNER	AGAP009037-PA	-	90	1.87E-08	1	1822.896	1.78	Head	3R:-:24471562-24471515	exon=> In CDS Exon 7 of transcript AGAP009037-PA
JHU_Ag_8543	ALNDDELSFEK	AGAP009037-PA	-	70	1.60E-06	1	1280.600	-0.13	Head	3R:-:24469171-24469139	exon=> In CDS Exon 13 of transcript AGAP009037-PA
JHU_Ag_9415	QIGWFPATYVK	AGAP009037-PA	-	38	0.001500557	1	1309.698	3.01	Head	3R:-:24469505-24469473	exon=> In CDS Exon 12 of transcript AGAP009037-PA
JHU_Ag_12107	LKYTQLFNTTDR	AGAP009037-PA	-	36	0.002641 83	2	1499.794	6.03	Head	3R:-:24472539-24472504	exon=> In CDS Exon 4 of transcript AGAP009037-PA
JHU_Ag_23235	NQAEADSEVSQINTQPPSGASANEENIR	AGAP009037-PA	-	69	1.82E-06	3	2956.355	1.07	Head	3R:-:24469872-24469789	exon=> In CDS Exon 11 of transcript AGAP009037-PA
JHU_Ag_27412	HGSVSSQGAPVHAAVELDPLSGLPQSSFEDK	AGAP009037-PA	-	72	8.46E-07	1	3146.548	2.99	Head	3R:-:24472239-24472576,24471987-24472068	exon=> In CDS Exon 5 and 4 of transcript AGAP009037-PA
JHU_Ag_27499	TGIFPSNYVQK	AGAP009037-PA	-	42	0.000589435	1	1253.654	1.08	Head	3R:-:24470139-24470107	exon=> In CDS Exon 11 of transcript AGAP009037-PA
JHU_Ag_33866	DTQMAEMTQLK	AGAP009037-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation)	75	2.26E-07	1	1327.589	1.42	Head	3R:-:24471427-24471395	exon=> In CDS Exon 7 of transcript AGAP009037-PA

JHU_Ag_39644	IAEMQQHR	AGAP009037-PA	M4(Oxidation)	50	7.90E-05	2	1028.494	-0.4	Head	3R:-:24471619-24471596	exon=> In CDS Exon 7 of transcript AGAP009037-PA
JHU_Ag_48068	EGDWWTGTIGNR	AGAP009037-PA	-	62	5.88E-06	2	1391.632	-1.64	Head	3R:-:24470175-24470140	exon=> In CDS Exon 11 of transcript AGAP009037-PA
JHU_Ag_48138	KGEVAQVIAPYEATSSEQLSLQR	AGAP009037-PA	-	81	6.39E-08	1	2504.309	3.74	Head	3R:-:24469743-24469675	exon=> In CDS Exon 11 of transcript AGAP009037-PA
JHU_Ag_57144	VPTTLPPELVPPSFR	AGAP009037-PA	-	55	1.31E-05	1	1649.931	2.66	Visceras	3R:-:24472323-24472279	exon=> In CDS Exon 4 of transcript AGAP009037-PA
JHU_Ag_65507	SLQPVDGVVTGGQAK	AGAP009037-PA	-	100	9.03E-10	1	1455.783	1.63	Head	3R:-:24474906-24474862	exon=> In CDS Exon 1 of transcript AGAP009037-PA
JHU_Ag_66559	DDIISVLGR	AGAP009037-PA	-	64	8.46E-06	2	987.547	0.05	Head	3R:-:24469138-24469112	exon=> In CDS Exon 13 of transcript AGAP009037-PA
JHU_Ag_70521	ENFDKGQAELER	AGAP009037-PA	-	33	0.007416305	1	1435.683	0.97	Head	3R:-:24472061-24472026	exon=> In CDS Exon 5 of transcript AGAP009037-PA
JHU_Ag_70960	MTLGEFSIACK	AGAP009037-PA	C10(Carbamidomethyl)	72	7.37E-07	2	1256.605	2.67	Head	3R:-:24473297-24473265	exon=> In CDS Exon 2 of transcript AGAP009037-PA
JHU_Ag_83939	YTQLFNTTDR	AGAP009037-PA	-	73	5.09E-07	1	1258.605	-0.89	Head	3R:-:24472533-24472504	exon=> In CDS Exon 4 of transcript AGAP009037-PA
JHU_Ag_89528	VPTTLPPELVPPSFR	AGAP009037-PA	-	37	0.000867739	1	1649.933	3.99	Head	3R:-:24472323-24472279	exon=> In CDS Exon 4 of transcript AGAP009037-PA
JHU_Ag_91800	GEVAQVIAPYEATSSEQLSLQR	AGAP009037-PA	-	87	2.16E-08	2	2376.211	3.04	Head	3R:-:24469740-24469675	exon=> In CDS Exon 11 of transcript AGAP009037-PA
JHU_Ag_95809	TDSGWWEGELQAK	AGAP009037-PA	-	80	9.60E-08	2	1506.688	1.34	Head	3R:-:24469647-24470287,24469394-24469518	exon=> In CDS Exon 12 and 11 of transcript AGAP009037-PA
JHU_Ag_100064	VIALYPYK	AGAP009037-PA	-	37	0.000676554	1	966.565	-1.37	Head	3R:-:24469195-24469172	exon=> In CDS Exon 13 of transcript AGAP009037-PA
JHU_Ag_101315	YSSMSMTSATPSLR	AGAP009037-PA	-	58	2.02E-05	2	1518.692	-0.61	Head	3R:-:24469788-24469747	exon=> In CDS Exon 11 of transcript AGAP009037-PA
JHU_Ag_106438	QRELEQER	AGAP009037-PA	Q1(Deamidated)	37	0.003078478	1	1088.541	6.84	Pupa	3R:-:24471808-24471785	exon=> In CDS Exon 6 of transcript AGAP009037-PA
JHU_Ag_106727	SGETESQLQFTNK	AGAP009037-PA	-	94	4.82E-09	2	1468.691	-0.52	Head	3R:-:24471319-24471281	exon=> In CDS Exon 7 of transcript AGAP009037-PA
JHU_Ag_111580	ALNDDELSFEKDDIISVLGR	AGAP009037-PA	-	158	2.72E-15	1	2249.134	2.06	Head	3R:-:24469171-24469112	exon=> In CDS Exon 13 of transcript AGAP009037-PA
JHU_Ag_113524	SQLTDLIDACEQLYGEYDMQR	AGAP009037-PA	C10(Carbamidomethyl), M19(Oxidation)	103	4.08E-10	2	2564.132	1.69	Head	3R:-:24471090-24471028	exon=> In CDS Exon 8 of transcript AGAP009037-PA
JHU_Ag_23938	VYQHTPQEHIITNVVSGR	AGAP009039-PA	-	78	1.94E-07	1	2078.079	0.63	Head	3R:+:24526362-24526415	exon=> In CDS Exon 4 of transcript AGAP009039-PA
JHU_Ag_3165	LAATQFQNHGTLESDRELQR	AGAP009044-PA	-	82	9.17E-08	1	2314.167	5.85	Malpighian tubule	3R:+:24676229-24676288	exon=> In CDS Exon 3 of transcript AGAP009044-PA
JHU_Ag_3661	QLDTVPDRTELAQYQR	AGAP009044-PA	-	37	0.003097255	1	1932.993	8.02	Malpighian tubule	3R:+:24677415-24677462	exon=> In CDS Exon 7 of transcript AGAP009044-PA
JHU_Ag_45521	FLELYNQVSAK	AGAP009044-PA	-	37	0.001909874	2	1311.703	6.52	Malpighian tubule	3R:+:24677466-24677487,24677551-24677561	exon=> In CDS Exon 7 and 8 of transcript AGAP009044-PA
JHU_Ag_62649	FFHVYNLLSGQSDTLK	AGAP009046-PA	-	59	1.48E-05	2	1868.970	8.54	Ovary	3R:+:24680331-24680378	exon=> In CDS Exon 1 of transcript AGAP009046-PA
JHU_Ag_10503	TQTLSFAGLYDHR	AGAP009047-PA	-	44	0.00070153	1	1508.747	-1.25	Ovary	3R:-:24681291-24681253	exon=> In CDS Exon 2 of transcript AGAP009047-PA
JHU_Ag_28279	TIVLSEVDELTK	AGAP009047-PA	-	94	5.12E-09	1	1346.741	-0.65	Ovary	3R:-:24681894-24681859	exon=> In CDS Exon 1 of transcript AGAP009047-PA
JHU_Ag_37478	IICLLR	AGAP009047-PA	C3(Carbamidomethyl)	33	0.003093084	1	787.485	-1.1	Ovary	3R:-:24682131-24682114	exon=> In CDS Exon 1 of transcript AGAP009047-PA
JHU_Ag_106199	VVITDMIK	AGAP009047-PA	M6(Oxidation)	31	0.00562146	2	934.531	3.18	Head	3R:-:24681969-24681946	exon=> In CDS Exon 1 of transcript AGAP009047-PA

JHU_Ag_107375	GLVQILVK	AGAP009047-PA	-	50	9.10E-06	1	869.581	-0.93	Ovary	3R:-:24681336-24681313	exon=> In CDS Exon 2 of transcript AGAP009047-PA
JHU_Ag_12165	AALNASQTTNCK	AGAP009048-PA	C11(Carbamidomethyl)	51	0.0001396	1	1278.613	2.04	Malpighian tubule	3R:+:24683819-24683854	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_16393	IGDNLDLDSPVDHIQR	AGAP009048-PA	-	73	8.85E-07	1	1806.909	5.95	Malpighian tubule	3R:+:24682988-24683035	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_19218	SDLLLSSTQWLNR	AGAP009048-PA	-	83	5.71E-08	2	1532.808	0.81	Ovary	3R:+:24682937-24682975	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_19627	LSSTNCANFAR	AGAP009048-PA	C6(Carbamidomethyl)	70	1.24E-06	1	1240.575	0.55	Ovary	3R:+:24683111-24683143	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_22245	NAYHIDNPQPLFEFVHPNR	AGAP009048-PA	-	110	1.67E-10	1	2308.126	0.02	Ovary	3R:+:24684239-24684295	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_22338	IGDNLDLDSPVDHIQR	AGAP009048-PA	-	85	5.82E-08	1	1806.901	1.4	Ovary	3R:+:24682988-24683035	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_38894	ATATTIIMVVGGGR	AGAP009048-PA	-	40	0.001123074	2	1346.746	0.19	Ovary	3R:+:24683762-24683803	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_80092	GTLLVEVPITNPK	AGAP009048-PA	-	65	5.92E-07	2	1380.810	0.34	Ovary	3R:+:24683168-24683206	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_85712	VALELTADVPKQEEIFR	AGAP009048-PA	-	82	3.91E-08	1	1958.069	4.83	Malpighian tubule	3R:+:24683324-24683374	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_89292	NPNAIVTLTAHINELWR	AGAP009048-PA	-	47	0.000106209	1	1962.075	9.7	Ovary	3R:+:24683879-24683929	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_105651	STSYINPCFGSK	AGAP009048-PA	C8(Carbamidomethyl)	54	3.79E-05	2	1360.621	0.23	Ovary	3R:+:24684104-24684139	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_107402	VALELTADVPKQEEIFR	AGAP009048-PA	-	74	2.82E-07	2	1958.067	3.84	Ovary	3R:+:24683324-24683374	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_110396	AALNASQTTNCK	AGAP009048-PA	C11(Carbamidomethyl)	64	6.12E-06	2	1278.612	0.6	Ovary	3R:+:24683819-24683854	exon=> In CDS Exon 1 of transcript AGAP009048-PA
JHU_Ag_731	SGPYTQQQGTLAYYEVK	AGAP009049-PA	-	111	1.34E-10	1	1932.937	1.61	Malpighian tubule	3R:-:24686876-24686826	exon=> In CDS Exon 1 of transcript AGAP009049-PA
JHU_Ag_15051	SGPYTQQQGTLAYYEVKDAFGEGR	AGAP009049-PA	-	95	4.60E-09	1	2665.261	2.88	Malpighian tubule	3R:-:24686876-24686805	exon=> In CDS Exon 1 of transcript AGAP009049-PA
JHU_Ag_21168	TFTLSCSGNYKPR	AGAP009049-PA	C6(Carbamidomethyl)	91	1.39E-08	1	1530.747	6.3	Malpighian tubule	3R:-:24686939-24686901	exon=> In CDS Exon 1 of transcript AGAP009049-PA
JHU_Ag_70323	EGLGGAMIWSIDQDEFQGGR	AGAP009049-PA	M7(Oxidation)	84	4.28E-08	2	2165.999	3.07	Malpighian tubule	3R:-:24686699-24686640	exon=> In CDS Exon 1 of transcript AGAP009049-PA
JHU_Ag_29395	NANHYCPNCGAYIGTYRG	AGAP009051-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	60	4.42E-06	1	2087.887	2.91	Malpighian tubule	3R:+:24804247-24804300	exon=> In CDS Exon 3 of transcript AGAP009051-PA
JHU_Ag_34368	NANHYCPNCGAYIGTYR	AGAP009051-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	47	0.00012556	1	2030.864	1.94	Malpighian tubule	3R:+:24804247-24804297	exon=> In CDS Exon 3 of transcript AGAP009051-PA
JHU_Ag_82531	NANHYCPNCGAYIGTYR	AGAP009051-PA	N1(Deamidated), C6(Carbamidomethyl), C9(Carbamidomethyl)	98	7.06E-10	1	2031.846	0.98	Midgut	3R:+:24804247-24804297	exon=> In CDS Exon 3 of transcript AGAP009051-PA
JHU_Ag_49056	DANHYCPNCGSFIGTYR	AGAP009052-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	98	7.06E-10	1	2031.846	0.97	Midgut	3R:-:24807046-24806996	exon=> In CDS Exon 1 of transcript AGAP009052-PA
JHU_Ag_862	QYNGAVFR	AGAP009056-PA	-	35	0.003867466	2	954.478	-0.95	Head	3R:-:24934163-24934140	exon=> In CDS Exon 4 of transcript AGAP009056-PA
JHU_Ag_3965	LVGGGEQFGAK	AGAP009056-PA	-	65	6.09E-06	1	1062.558	-0.22	Malpighian tubule	3R:-:24935105-24935073	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_20372	ESETFQHLLPEFTR	AGAP009056-PA	-	72	1.11E-06	1	1733.855	3.25	Malpighian tubule	3R:-:24935147-24935106	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_20731	ILQALQK	AGAP009056-PA	-	38	0.000513427	2	813.520	0.64	Malpighian tubule	3R:-:24934820-24934800	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_21045	GATLDVLDAFR	AGAP009056-PA	-	88	2.38E-08	2	1177.620	-1.01	Malpighian tubule	3R:-:24935183-24935151	exon=> In CDS Exon 3 of transcript AGAP009056-PA

JHU_Ag_34148	TIVFEDLKALGFR	AGAP009056-PA	-	73	1.91E-07	2	1508.856	5.82	Malpighian tubule	3R:-:24935042-24935004	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_39932	ESETFQHLLPEFTR	AGAP009056-PA	-	54	6.53E-05	1	1733.855	3.18	Head	3R:-:24935147-24935106	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_42055	QAVVPILHDLHAR	AGAP009056-PA	-	58	8.69E-06	1	1468.841	1.61	Malpighian tubule	3R:-:24934139-24934101	exon=> In CDS Exon 4 of transcript AGAP009056-PA
JHU_Ag_45125	SLEHDLQRPVTIDR	AGAP009056-PA	-	35	0.003383186	1	1678.887	0.12	Head	3R:-:24935357-24935316	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_52550	VLADALRK	AGAP009056-PA	-	51	6.12E-05	1	885.552	0.35	Malpighian tubule	3R:-:24934448-24934425	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_55982	QLEALLPVFK	AGAP009056-PA	-	44	0.000163479	2	1157.695	1.47	Head	3R:-:24934736-24934707	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_63491	RAELLQEYHR	AGAP009056-PA	-	53	6.12E-05	1	1314.690	-0.68	Malpighian tubule	3R:-:24934478-24934449	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_63838	QQQQHQLPSYLTESLIQR	AGAP009056-PA	-	66	2.81E-06	1	2197.139	1.29	Malpighian tubule	3R:-:24935411-24935358	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_66735	YAYGLHNPQEQPEDSR	AGAP009056-PA	-	108	1.54E-10	1	1903.857	0.19	Head	3R:-:24934868-24934821	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_69567	SLEHDLQRPVTIDR	AGAP009056-PA	-	65	3.42E-06	1	1678.888	0.69	Malpighian tubule	3R:-:24935357-24935316	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_81764	NEFFGLVCAITFLPIMTMER	AGAP009056-PA	C8(Carbamidomethyl), M16(Oxidation), M18(Oxidation)	67	3.72E-06	1	2421.165	0.03	Malpighian tubule	3R:-:24934370-24935513,24934086-24934233	exon=> In CDS Exon 4 and 3 of transcript AGAP009056-PA
JHU_Ag_84733	YAYGLHNPQEQPEDSR	AGAP009056-PA	-	83	5.13E-08	1	1903.861	1.95	Malpighian tubule	3R:-:24934868-24934821	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_88786	QLEALLPVFK	AGAP009056-PA	-	41	0.000290711	1	1157.695	1.36	Malpighian tubule	3R:-:24934736-24934707	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_92592	GATLDVLDAFRK	AGAP009056-PA	-	41	0.000768817	1	1305.715	-1.2	Malpighian tubule	3R:-:24935183-24935148	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_104436	RAELLQEYHR	AGAP009056-PA	-	44	0.00052469	1	1314.688	-2.61	Head	3R:-:24934478-24934449	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_112976	QLEALLPVFKER	AGAP009056-PA	-	36	0.000804413	1	1442.840	2.47	Malpighian tubule	3R:-:24934736-24934701	exon=> In CDS Exon 3 of transcript AGAP009056-PA
JHU_Ag_432	APEGLTHLIEMLR	AGAP009057-PA	M11(Oxidation)	77	1.83E-07	1	1495.798	3.09	Ovary	3R:-:24942559-24942521	exon=> In CDS Exon 9 of transcript AGAP009057-PA
JHU_Ag_3544	FWDHDFVHCAPEIER	AGAP009057-PA	C9(Carbamidomethyl)	65	2.28E-06	1	1957.868	1.31	Ovary	3R:-:24939109-24939214,24938881-24938974	exon=> In CDS Exon 15 and 14 of transcript AGAP009057-PA
JHU_Ag_6290	APEGLTHLIEMLR	AGAP009057-PA	M11(Oxidation)	51	6.30E-05	1	1495.810	10.57	Salivary gland	3R:-:24942559-24942521	exon=> In CDS Exon 9 of transcript AGAP009057-PA
JHU_Ag_8884	AGLSLLLTIVK	AGAP009057-PA	-	50	3.21E-06	2	1127.748	6.85	Larva	3R:-:24948157-24948125	exon=> In CDS Exon 3 of transcript AGAP009057-PA
JHU_Ag_10389	LNLLNK	AGAP009057-PA	-	32	0.003256551	1	714.451	0.05	Visceras	3R:-:24942028-24942011	exon=> In CDS Exon 10 of transcript AGAP009057-PA
JHU_Ag_18203	APVTFLSELR	AGAP009057-PA	-	65	2.88E-06	1	1132.635	-0.63	Male reproductive organs	3R:-:24940457-24940428	exon=> In CDS Exon 12 of transcript AGAP009057-PA
JHU_Ag_21850	AVEGLLEGLINIPDQIEHVK	AGAP009057-PA	-	79	4.82E-08	1	2187.212	4.63	Ovary	3R:-:24942970-24942911	exon=> In CDS Exon 9 of transcript AGAP009057-PA
JHU_Ag_28083	AGLSLLLTIVK	AGAP009057-PA	-	18	0.003680781	1	1127.753	11.52	Malpighian tubule	3R:-:24948157-24948125	exon=> In CDS Exon 3 of transcript AGAP009057-PA
JHU_Ag_33224	AVEGLLEGLINIPDQIEHVK	AGAP009057-PA	-	33	0.00270858	3	2187.204	0.78	Midgut	3R:-:24942970-24942911	exon=> In CDS Exon 9 of transcript AGAP009057-PA
JHU_Ag_33841	AGLSLLLTIVK	AGAP009057-PA	-	66	8.20E-08	1	1127.746	5.23	Ovary	3R:-:24948157-24948125	exon=> In CDS Exon 3 of transcript AGAP009057-PA
JHU_Ag_58813	AGLSLLLTIVK	AGAP009057-PA	-	18	0.003680781	1	1127.752	10.71	Male reproductive organs	3R:-:24948157-24948125	exon=> In CDS Exon 3 of transcript AGAP009057-PA

JHU_Ag_92008	LNLLNK	AGAP009057-PA	-	31	0.003513645	1	714.450	-1.06	Ovary	3R:-:24942028-24942011	exon=> In CDS Exon 10 of transcript AGAP009057-PA
JHU_Ag_108726	APVTFLSELR	AGAP009057-PA	-	90	7.12E-09	2	1132.640	3.03	Ovary	3R:-:24940457-24940428	exon=> In CDS Exon 12 of transcript AGAP009057-PA
JHU_Ag_22881	MDLEQIHQEAR	AGAP009058-PA	N-Term(Acetyl), M1(Oxidation)	66	2.71E-06	2	1427.661	1.76	Malpighian tubule	3R:-:24955602-24955570	exon=> In CDS Exon 1 of transcript AGAP009058-PA
JHU_Ag_23466	NTGFIAPGRPK	AGAP009058-PA	-	36	0.003347999	1	1157.649	5.79	Malpighian tubule	3R:-:24954903-24954871	exon=> In CDS Exon 1 of transcript AGAP009058-PA
JHU_Ag_55517	LLHAHQCLSDLENSRDDLLYELHK	AGAP009058-PA	C7(Carbamidomethyl)	81	1.10E-07	1	2919.447	1.65	Malpighian tubule	3R:-:24955185-24955114	exon=> In CDS Exon 1 of transcript AGAP009058-PA
JHU_Ag_59452	ALDVLNEAVVQR	AGAP009058-PA	-	83	3.93E-08	2	1326.740	1.79	Salivary gland	3R:-:24954855-24954820	exon=> In CDS Exon 1 of transcript AGAP009058-PA
JHU_Ag_106860	ALDVLNEAVVQR	AGAP009058-PA	-	57	1.67E-05	2	1326.744	4.92	Malpighian tubule	3R:-:24954855-24954820	exon=> In CDS Exon 1 of transcript AGAP009058-PA
JHU_Ag_17467	ISYPMCFIFYTPR	AGAP009059-PA	M5(Oxidation), C6(Carbamidomethyl)	38	0.002086231	1	1710.803	0.87	Head	3R:+:24958531-24958569	exon=> In CDS Exon 3 of transcript AGAP009059-PA
JHU_Ag_89273	ISYPMCFIFYTPR	AGAP009059-PA	M5(Oxidation), C6(Carbamidomethyl)	72	8.92E-07	1	1710.804	1.01	Ovary	3R:+:24958531-24958569	exon=> In CDS Exon 3 of transcript AGAP009059-PA
JHU_Ag_105210	QLVTVDELLDDVAIEELQEQLPSHQPR	AGAP009059-PA	-	180	9.88E-18	1	3114.600	1.51	Ovary	3R:+:24958408-24958488	exon=> In CDS Exon 3 of transcript AGAP009059-PA
JHU_Ag_113287	NATNTALILK	AGAP009059-PA	-	52	5.55E-05	1	1058.621	0.74	Ovary	3R:+:24958213-24958237,24958388-24958392	exon=> In CDS Exon 2 and 3 of transcript AGAP009059-PA
JHU_Ag_71801	TLLEKGQLEQR	AGAP009069-PA	-	35	0.003669355	1	1314.728	-7.34	Malpighian tubule	3R:-:25410095-25410063	exon=> In CDS Exon 1 of transcript AGAP009069-PA
JHU_Ag_17795	LIDELPIVK	AGAP009072-PA	-	56	3.98E-06	1	1039.642	1.7	Visceras	3R:+:25419242-25419268	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_21663	VVNPNWAIKLIDELPIVK	AGAP009072-PA	-	113	2.14E-12	1	2061.221	4.77	Malpighian tubule	3R:+:25419215-25419268	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_27092	DEITHTGQFYEANDYR	AGAP009072-PA	-	117	1.26E-11	1	1958.862	5.38	Midgut	3R:+:25419002-25419025,25419164-25419187	exon=> In CDS Exon 1 and 2 of transcript AGAP009072-PA
JHU_Ag_30632	VYINLDKPGAHACGYCGQR	AGAP009072-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	139	1.72E-13	1	2179.021	1.64	Visceras	3R:+:25419329-25419343,25419420-25419461	exon=> In CDS Exon 2 and 3 of transcript AGAP009072-PA
JHU_Ag_35669	LIDELPIVK	AGAP009072-PA	-	33	0.000789078	2	1039.642	1.98	Salivary gland	3R:+:25419242-25419268	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_38206	VVCCDGGTDPALGHPK	AGAP009072-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	77	2.52E-07	2	1682.763	0.38	Malpighian tubule	3R:+:25419281-25419328	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_51115	VVCCDGGTDPALGHPK	AGAP009072-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	82	7.70E-08	1	1682.765	1.18	Visceras	3R:+:25419281-25419328	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_59940	FVNATKVVNPNWAIK	AGAP009072-PA	-	37	0.001237541	1	1700.949	0.22	Visceras	3R:+:25419197-25419241	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_67635	LIDELPIVK	AGAP009072-PA	-	54	7.11E-06	1	1039.643	2.69	Malpighian tubule	3R:+:25419242-25419268	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_71435	DEITHTGQFYEANDYR	AGAP009072-PA	-	82	4.26E-08	1	1958.857	3.02	Ovary	3R:+:25419002-25419025,25419164-25419187	exon=> In CDS Exon 1 and 2 of transcript AGAP009072-PA
JHU_Ag_75812	VVCCDGGTDPALGHPK	AGAP009072-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	84	4.65E-08	1	1682.765	1.32	Head	3R:+:25419281-25419328	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_77129	DEITHTGQFYEANDYR	AGAP009072-PA	Q8(Deamidated)	129	8.12E-13	1	1958.852	0.02	Head	3R:+:25419002-25419025,25419164-25419187	exon=> In CDS Exon 1 and 2 of transcript AGAP009072-PA
JHU_Ag_81061	VYINLDKPGAHACGYCGQR	AGAP009072-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	87	2.97E-08	1	2179.018	0.2	Head	3R:+:25419329-25419343,25419420-25419461	exon=> In CDS Exon 2 and 3 of transcript AGAP009072-PA

JHU_Ag_81687	VYINLDKPGAHACGYCGQRFEK	AGAP009072-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	105	4.86E-10	1	2583.229	2.11	Malpighian tubule	3R:+:25419329-25419343,25419420-25419470	exon=> In CDS Exon 2 and 3 of transcript AGAP009072-PA
JHU_Ag_88233	SEQRVVCCDGGTDPALGHPK	AGAP009072-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	120	1.17E-11	1	2183.006	4.28	Malpighian tubule	3R:+:25419269-25419328	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_89097	VVCCDGGTDPALGHPK	AGAP009072-PA	C3(Carbamidomethyl), C4(Carbamidomethyl)	67	2.74E-06	2	1682.768	3.14	Midgut	3R:+:25419281-25419328	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_89407	VYINLDKPGAHACGYCGQR	AGAP009072-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	120	1.54E-11	1	2179.021	1.55	Malpighian tubule	3R:+:25419329-25419343,25419420-25419461	exon=> In CDS Exon 2 and 3 of transcript AGAP009072-PA
JHU_Ag_90489	DEITHTGQFYEANDYR	AGAP009072-PA	-	113	3.29E-11	1	1958.853	0.84	Malpighian tubule	3R:+:25419002-25419025,25419164-25419187	exon=> In CDS Exon 1 and 2 of transcript AGAP009072-PA
JHU_Ag_97553	LIDELPIVK	AGAP009072-PA	-	45	0.000101888	1	1039.639	-0.95	Head	3R:+:25419242-25419268	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_98257	LIDELPIVK	AGAP009072-PA	-	51	2.62E-05	2	1039.638	-1.89	Midgut	3R:+:25419242-25419268	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_104824	LIDELPIVK	AGAP009072-PA	-	45	9.38E-05	1	1039.641	1.28	Ovary	3R:+:25419242-25419268	exon=> In CDS Exon 2 of transcript AGAP009072-PA
JHU_Ag_115089	VYINLDKPGAHACGYCGQR	AGAP009072-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	98	2.19E-09	1	2179.008	-4.25	Midgut	3R:+:25419329-25419343,25419420-25419461	exon=> In CDS Exon 2 and 3 of transcript AGAP009072-PA
JHU_Ag_1360	DVQEIFR	AGAP009075-PA	-	40	0.001844157	1	906.468	0.09	Midgut	3R:+:25436787-25436807	exon=> In CDS Exon 3 of transcript AGAP009075-PA
JHU_Ag_1589	LTLHGLQQHYVK	AGAP009075-PA	-	87	8.99E-09	1	1436.803	1.49	Head	3R:+:25438852-25438887	exon=> In CDS Exon 4 of transcript AGAP009075-PA
JHU_Ag_3240	GTYVSIHSSGFR	AGAP009075-PA	-	60	1.37E-05	2	1310.644	-3.32	Head	3R:+:25435782-25435817	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_8083	DFLLKPEILR	AGAP009075-PA	-	64	1.19E-06	1	1243.745	3	Salivary gland	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_8933	DFLLKPEILR	AGAP009075-PA	-	64	1.16E-06	1	1243.744	2.7	Head	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_10196	GTYVSIHSSGFR	AGAP009075-PA	-	57	2.78E-05	1	1310.653	3.48	Larva	3R:+:25435782-25435817	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_10620	TTTPHIIVGTPGR	AGAP009075-PA	-	73	2.47E-07	2	1349.752	-1.3	Pupa	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_10869	VAVFFGGLPIQK	AGAP009075-PA	-	79	6.40E-08	1	1275.748	1.23	Head	3R:+:25436357-25436392	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_13935	DFLLKPEILR	AGAP009075-PA	-	48	5.66E-05	1	1243.742	0.93	Visceras	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_16690	DVQEIFR	AGAP009075-PA	-	39	0.002275077	1	906.467	-0.59	Head	3R:+:25436787-25436807	exon=> In CDS Exon 3 of transcript AGAP009075-PA
JHU_Ag_19848	LTLHGLQQHYVK	AGAP009075-PA	-	59	5.69E-06	1	1436.804	2.34	Salivary gland	3R:+:25438852-25438887	exon=> In CDS Exon 4 of transcript AGAP009075-PA
JHU_Ag_19856	AIVDCGFEHPSEVQHECIPQAVLGMDILCQAK	AGAP009075-PA	C5(Carbamidomethyl), C17(Carbamidomethyl), C29(Carbamidomethyl),"C5(Carbamidomethyl), C17(Carbamidomethyl), M25(Oxidation), C29(Carbamidomethyl)"	74	3.96E-07	1	3667.724	6.11	Ovary	3R:+:25435848-25435884,25436136-25436194	exon=> In CDS Exon 1 and 2 of transcript AGAP009075-PA
JHU_Ag_22974	LTLHGLQQHYVK	AGAP009075-PA	-	41	0.000284475	1	1436.813	8.54	Male reproductive organs	3R:+:25438852-25438887	exon=> In CDS Exon 4 of transcript AGAP009075-PA

JHU_Ag_23136	LTLHGLQQHYVK	AGAP009075-PA	-	41	0.000385881	1	1436.806	3.35	Larva	3R:+:25438852-25438887	exon=> In CDS Exon 4 of transcript AGAP009075-PA
JHU_Ag_23238	AIVDCGFEHPSEVQHECIPQAVLGMDILCQAK	AGAP009075-PA	C5(Carbamidomethyl), C17(Carbamidomethyl), M25(Oxidation), C29(Carbamidomethyl),"C5(Carbamidomethyl), C17(Carbamidomethyl), C29(Carbamidomethyl)"	86	2.68E-08	1	3651.725	5.22	Head	3R:+:25435848-25435884,25436136-25436194	exon=> In CDS Exon 1 and 2 of transcript AGAP009075-PA
JHU_Ag_23300	DFLLKPEILR	AGAP009075-PA	-	64	1.61E-06	1	1243.741	0.05	Male reproductive organs	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_24448	TTTPHIIVGTPGR	AGAP009075-PA	-	78	7.21E-08	1	1349.754	-0.03	Male reproductive organs	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_27157	ELAFQISKEYER	AGAP009075-PA	-	40	0.001406895	1	1512.771	0.87	Malpighian tubule	3R:+:25436294-25436329	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_29281	ELAFQISK	AGAP009075-PA	-	36	0.003373576	1	935.520	-0.05	Midgut	3R:+:25436294-25436317	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_30134	TTTPHIIVGTPGR	AGAP009075-PA	-	78	7.42E-08	1	1349.755	0.69	Salivary gland	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_30359	VLALIR	AGAP009075-PA	-	25	0.002632806	1	684.479	3.97	Larva	3R:+:25436450-25436467	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_31713	FMQDPMEVYVDDETK	AGAP009075-PA	M2(Oxidation), M6(Oxidation)	59	4.98E-06	1	1878.781	2.06	Head	3R:+:25436883-25436894,25438819-25438851	exon=> In CDS Exon 3 and 4 of transcript AGAP009075-PA
JHU_Ag_32103	VAVFFGGLPIQK	AGAP009075-PA	-	67	9.94E-07	1	1275.748	1.71	Malpighian tubule	3R:+:25436357-25436392	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_32463	VAVFFGGLPIQK	AGAP009075-PA	-	75	1.57E-07	1	1275.745	-1.07	Ovary	3R:+:25436357-25436392	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_33774	VAVFFGGLPIQKDEEVLK	AGAP009075-PA	-	58	7.30E-06	1	1989.105	-0.2	Pupa	3R:+:25436357-25436410	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_33898	HFILDECDK	AGAP009075-PA	C7(Carbamidomethyl)	43	0.000499144	1	1176.536	0.11	Head	3R:+:25436498-25436524	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_34717	TTTPHIIVGTPGR	AGAP009075-PA	-	74	1.83E-07	1	1349.756	1.78	Ovary	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_41312	TTTPHIIVGTPGR	AGAP009075-PA	-	74	1.85E-07	1	1349.753	-0.48	Malpighian tubule	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_44949	VLALIR	AGAP009075-PA	-	25	0.002769612	1	684.478	1.57	Malpighian tubule	3R:+:25436450-25436467	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_45067	TTTPHIIVGTPGR	AGAP009075-PA	-	67	1.06E-06	2	1349.752	-0.85	Midgut	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_46616	CMALAQLLTEQNFPAIGIHR	AGAP009075-PA	C1(Carbamidomethyl), M2(Oxidation),C1(Carbamidomethyl)	134	5.15E-13	1	2299.168	-0.45	Ovary	3R:+:25439084-25439143	exon=> In CDS Exon 5 of transcript AGAP009075-PA
JHU_Ag_46630	VAVFFGGLPIQKDEEVLK	AGAP009075-PA	-	64	1.73E-06	1	1989.107	0.45	Midgut	3R:+:25436357-25436410	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_47123	HFILDECDK	AGAP009075-PA	C7(Carbamidomethyl)	49	0.000140659	1	1176.537	1.53	Ovary	3R:+:25436498-25436524	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_49698	LTLHGLQQHYVK	AGAP009075-PA	-	92	2.54E-09	1	1436.808	4.71	Ovary	3R:+:25438852-25438887	exon=> In CDS Exon 4 of transcript AGAP009075-PA
JHU_Ag_50008	DVQEIFR	AGAP009075-PA	-	37	0.003745525	2	906.467	-1.14	Pupa	3R:+:25436787-25436807	exon=> In CDS Exon 3 of transcript AGAP009075-PA
JHU_Ag_50747	DVQEIFR	AGAP009075-PA	-	45	0.000603911	1	906.471	2.85	Ovary	3R:+:25436787-25436807	exon=> In CDS Exon 3 of transcript AGAP009075-PA

JHU_Ag_52594	RDVQEIFR	AGAP009075-PA	-	44	0.000621247	2	1062.565	-3.77	Head	3R:+:25436784-25436807	exon=> In CDS Exon 3 of transcript AGAP009075-PA
JHU_Ag_52924	VAVFFGGLPIQKDEEVLK	AGAP009075-PA	-	52	2.53E-05	1	1989.116	5.33	Larva	3R:+:25436357-25436410	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_53352	TTTPHIIVGTPGR	AGAP009075-PA	-	56	1.17E-05	2	1349.756	1.6	Visceras	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_55316	VAVFFGGLPIQK	AGAP009075-PA	-	63	2.92E-06	1	1275.748	1.71	Midgut	3R:+:25436357-25436392	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_60818	TTTPHIIVGTPGR	AGAP009075-PA	-	58	7.89E-06	1	1349.757	2.86	Larva	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_62790	CMALAQLLTEQNFPAIGIHR	AGAP009075-PA	C1(Carbamidomethyl), M2(Oxidation)	45	0.000361709	1	2299.170	0.74	Salivary gland	3R:+:25439084-25439143	exon=> In CDS Exon 5 of transcript AGAP009075-PA
JHU_Ag_62892	GTYVSIHSSGFRDFLLKPEILR	AGAP009075-PA	-	98	6.71E-10	1	2535.379	2.91	Ovary	3R:+:25435782-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_64012	VAVFFGGLPIQK	AGAP009075-PA	-	74	1.49E-07	1	1275.750	3.04	Salivary gland	3R:+:25436357-25436392	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_65612	VAVFFGGLPIQKDEEVLK	AGAP009075-PA	-	91	3.06E-09	1	1989.112	3.12	Malpighian tubule	3R:+:25436357-25436410	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_66012	DFLLKPEILR	AGAP009075-PA	-	58	6.65E-06	1	1243.740	-0.64	Midgut	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_66096	VAVFFGGLPIQK	AGAP009075-PA	-	63	1.76E-06	1	1275.753	5.25	Larva	3R:+:25436357-25436392	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_76933	DFLLKPEILR	AGAP009075-PA	-	46	7.56E-05	1	1243.746	4.27	Larva	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_78380	CMALAQLLTEQNFPAIGIHR	AGAP009075-PA	C1(Carbamidomethyl), M2(Oxidation)	46	0.000322779	1	2299.176	3.13	Malpighian tubule	3R:+:25439084-25439143	exon=> In CDS Exon 5 of transcript AGAP009075-PA
JHU_Ag_78775	DVQEIFR	AGAP009075-PA	-	45	0.0005105	2	906.467	-0.67	Salivary gland	3R:+:25436787-25436807	exon=> In CDS Exon 3 of transcript AGAP009075-PA
JHU_Ag_87534	VAVFFGGLPIQKDEEVLK	AGAP009075-PA	-	56	9.57E-06	1	1989.118	6.34	Salivary gland	3R:+:25436357-25436410	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_88165	GTYVSIHSSGFRDFLLKPEILR	AGAP009075-PA	-	126	9.53E-13	1	2535.385	5.25	Malpighian tubule	3R:+:25435782-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_89787	TTTPHIIVGTPGR	AGAP009075-PA	-	78	8.24E-08	1	1349.755	0.96	Head	3R:+:25436411-25436449	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_90302	ELAFQISKEYER	AGAP009075-PA	-	100	1.33E-09	1	1512.775	3.47	Ovary	3R:+:25436294-25436329	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_91111	LTLHGLQQHYVK	AGAP009075-PA	-	73	2.43E-07	1	1436.806	3.27	Malpighian tubule	3R:+:25438852-25438887	exon=> In CDS Exon 4 of transcript AGAP009075-PA
JHU_Ag_91186	VAVFFGGLPIQKDEEVLK	AGAP009075-PA	-	88	7.13E-09	1	1989.101	-2.15	Male reproductive organs	3R:+:25436357-25436410	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_93957	DFLLKPEILR	AGAP009075-PA	-	45	0.000117651	1	1243.741	0.35	Pupa	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_94244	VAVFFGGLPIQK	AGAP009075-PA	-	69	6.46E-07	1	1275.748	1.42	Pupa	3R:+:25436357-25436392	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_94697	LTLHGLQQHYVK	AGAP009075-PA	-	42	0.000273374	1	1436.800	-0.35	Pupa	3R:+:25438852-25438887	exon=> In CDS Exon 4 of transcript AGAP009075-PA
JHU_Ag_99840	QVMMFSATLSK	AGAP009075-PA	M3(Oxidation), M4(Oxidation)	45	0.000453692	2	1274.613	0.86	Ovary	3R:+:25436826-25436858	exon=> In CDS Exon 3 of transcript AGAP009075-PA
JHU_Ag_102947	DFLLKPEILR	AGAP009075-PA	-	72	2.24E-07	1	1243.740	-0.64	Ovary	3R:+:25435818-25435847	exon=> In CDS Exon 1 of transcript AGAP009075-PA
JHU_Ag_110742	DVQEIFR	AGAP009075-PA	-	45	0.000608413	1	906.469	1.35	Malpighian tubule	3R:+:25436787-25436807	exon=> In CDS Exon 3 of transcript AGAP009075-PA
JHU_Ag_116281	VAVFFGGLPIQKDEEVLK	AGAP009075-PA	-	72	2.87E-07	1	1989.112	3.12	Ovary	3R:+:25436357-25436410	exon=> In CDS Exon 2 of transcript AGAP009075-PA
JHU_Ag_1651	DPVIVYSSPGLVFPR	AGAP009076-PA	-	52	5.53E-05	2	1645.899	2.7	Head	3R:-:25442109-25442065	exon=> In CDS Exon 1 of transcript AGAP009076-PA

JHU_Ag_3162	VPLDMSQYEK	AGAP009076-PA	M5(Oxidation)	34	0.005069859	1	1225.578	1.08	Malpighian tubule	3R:-:25441947-25441918	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_7882	TLDEQLQYAAK	AGAP009076-PA	-	45	0.000502964	2	1279.652	-0.88	Salivary gland	3R:-:25442052-25442020	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_19615	DSVQYNPR	AGAP009076-PA	-	54	5.21E-05	2	978.465	1.2	Malpighian tubule	3R:-:25441881-25441858	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_22671	HIVVACNNHYYR	AGAP009076-PA	C6(Carbamidomethyl)	59	1.77E-05	1	1545.736	-1.12	Visceras	3R:-:25441851-25441816	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_26262	LPVFTAAGGIVSER	AGAP009076-PA	-	49	0.000114927	2	1416.785	-0.02	Pupa	3R:-:25441815-25441774	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_27390	LPVFTAAGGIVSER	AGAP009076-PA	-	97	2.05E-09	1	1416.789	3.43	Salivary gland	3R:-:25441815-25441774	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_45877	AAPLGILTANHR	AGAP009076-PA	-	67	1.18E-06	1	1233.707	0.44	Salivary gland	3R:-:25441722-25441687	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_51469	QILAELKK	AGAP009076-PA	-	30	0.002575965	1	942.592	-7.16	Larva	3R:-:25441773-25441750	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_51800	LPVFTAAGGIVSER	AGAP009076-PA	-	57	1.87E-05	1	1416.787	1.88	Ovary	3R:-:25441815-25441774	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_54432	LPVFTAAGGIVSER	AGAP009076-PA	-	109	1.10E-10	1	1416.786	1.01	Visceras	3R:-:25441815-25441774	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_66710	DNWLADWWLR	AGAP009076-PA	-	74	5.14E-07	2	1374.660	1.05	Visceras	3R:-:25442160-25442131	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_75843	AAPLGILTANHR	AGAP009076-PA	-	63	3.12E-06	1	1233.706	-0.25	Male reproductive organs	3R:-:25441722-25441687	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_101431	LPVFTAAGGIVSER	AGAP009076-PA	-	57	1.65E-05	2	1416.782	-2	Head	3R:-:25441815-25441774	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_109283	LPVFTAAGGIVSER	AGAP009076-PA	-	59	1.16E-05	2	1416.787	1.79	Male reproductive organs	3R:-:25441815-25441774	exon=> In CDS Exon 1 of transcript AGAP009076-PA
JHU_Ag_93368	VFSLDLVPIFSR	AGAP009079-PA	-	50	4.23E-05	2	1392.794	3.94	Ovary	3R:-:25445805-25445770	exon=> In CDS Exon 2 of transcript AGAP009079-PA
JHU_Ag_111956	STALQLTLLR	AGAP009079-PA	-	80	2.45E-08	2	1115.683	4.32	Malpighian tubule	3R:-:25445501-25445472	exon=> In CDS Exon 3 of transcript AGAP009079-PA
JHU_Ag_4990	QQPDILAEGIEEGSYEGIDR	AGAP009080-PA	-	105	5.16E-10	2	2219.048	0.92	Malpighian tubule	3R:+:25448596-25448655	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_6485	AVSEMIIDGGFR	AGAP009080-PA	-	67	3.28E-06	2	1294.646	-0.03	Midgut	3R:+:25449269-25449304	exon=> In CDS Exon 2 of transcript AGAP009080-PA
JHU_Ag_8271	SPLPEEEPPVDNLDVDHTFFDK	AGAP009080-PA	-	37	0.002690246	1	2540.187	1.7	Malpighian tubule	3R:+:25448938-25449003	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_38436	GMLSIPLPVEPR	AGAP009080-PA	M2(Oxidation)	76	1.96E-07	2	1324.729	-0.09	Midgut	3R:+:25448773-25448808	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_69372	IIVDQPMYEANIF	AGAP009080-PA	M7(Oxidation)	36	0.004065448	1	1568.769	1.45	Malpighian tubule	3R:+:25449338-25449376	exon=> In CDS Exon 2 of transcript AGAP009080-PA
JHU_Ag_72554	GMLSIPLPVEPR	AGAP009080-PA	M2(Oxidation)	68	1.19E-06	1	1324.730	0.65	Malpighian tubule	3R:+:25448773-25448808	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_74787	QGLNVVVLEK	AGAP009080-PA	-	56	1.34E-05	2	1098.652	-0.12	Midgut	3R:+:25448128-25448157	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_75103	LIGNDVQR	AGAP009080-PA	-	42	0.00069111	2	914.506	1.1	Malpighian tubule	3R:+:25447909-25447932	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_82454	SPLPEEEPPVDNLDVDHTFFDK	AGAP009080-PA	-	63	6.69E-06	1	2540.180	-0.97	Midgut	3R:+:25448938-25449003	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_91936	DGLGGNYLGGK	AGAP009080-PA	-	73	8.57E-07	1	1050.522	0.49	Malpighian tubule	3R:+:25448905-25448937	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_94355	AVSEMIIDGGFR	AGAP009080-PA	M5(Oxidation)	59	1.70E-05	2	1310.642	1.06	Malpighian tubule	3R:+:25449269-25449304	exon=> In CDS Exon 2 of transcript AGAP009080-PA
JHU_Ag_98913	QQPDILAEGIEEGSYEGIDR	AGAP009080-PA	-	102	1.00E-09	2	2219.046	-0.07	Midgut	3R:+:25448596-25448655	exon=> In CDS Exon 1 of transcript AGAP009080-PA

JHU_Ag_105789	TVWPNLAQMVPAFEAIK	AGAP009080-PA	M9(Oxidation)	44	0.000469534	2	1931.016	3.06	Larva	3R:+:25449004-25449054	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_116895	GGSGKPSGDFSDQVEANKDNPISR	AGAP009080-PA	-	113	8.14E-11	1	2462.156	0.53	Malpighian tubule	3R:+:25447828-25447899	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_117758	TVWPNLAQMVPAFEAIK	AGAP009080-PA	M9(Oxidation)	76	3.08E-07	1	1931.010	0.41	Midgut	3R:+:25449004-25449054	exon=> In CDS Exon 1 of transcript AGAP009080-PA
JHU_Ag_18663	LPFVPISWIQGLSHR	AGAP009081-PA	-	83	2.36E-08	1	1749.983	1.67	Salivary gland	3R:-:25449960-25449916	exon=> In CDS Exon 4 of transcript AGAP009081-PA
JHU_Ag_79714	LPFVPISWIQGLSHR	AGAP009081-PA	-	58	8.48E-06	2	1749.973	-3.8	Midgut	3R:-:25449960-25449916	exon=> In CDS Exon 4 of transcript AGAP009081-PA
JHU_Ag_94265	LPFVPISWIQGLSHR	AGAP009081-PA	-	37	0.000785344	1	1749.991	6.06	Larva	3R:-:25449960-25449916	exon=> In CDS Exon 4 of transcript AGAP009081-PA
JHU_Ag_109724	LPFVPISWIQGLSHR	AGAP009081-PA	-	65	1.66E-06	1	1749.981	0.62	Pupa	3R:-:25449960-25449916	exon=> In CDS Exon 4 of transcript AGAP009081-PA
JHU_Ag_463	LGLDSPEDAEFIVAK	AGAP009082-PA	-	110	1.61E-10	1	1603.821	-0.39	Ovary	3R:+:25452229-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_1244	TATLRNDFEGQAVLINCLLR	AGAP009082-PA	C17(Carbamidomethyl)	44	0.00030357	1	2304.223	4.34	Malpighian tubule	3R:+:25451662-25451721	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_2884	SLAVQLYPAGPER	AGAP009082-PA	-	85	3.55E-08	1	1400.753	-0.14	Ovary	3R:+:25451305-25451343	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_2890	AVVSKEPR	AGAP009082-PA	-	45	0.000301057	2	885.515	-0.19	Male reproductive organs	3R:+:25451215-25451238	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_3286	VAELNNDLESIR	AGAP009082-PA	-	59	1.79E-05	2	1372.710	2.02	Visceras	3R:+:25451602-25451637	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_4454	LEYSVAHK	AGAP009082-PA	-	46	0.000397057	1	946.499	-0.54	Malpighian tubule	3R:+:25451851-25451874	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_7468	DGVIEATLDPEK	AGAP009082-PA	-	44	0.000599032	2	1286.653	4.55	Midgut	3R:+:25452283-25452318	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_7476	KLGLDSPEDAEFIVAK	AGAP009082-PA	-	76	2.85E-07	2	1731.917	0.13	Visceras	3R:+:25452226-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_7933	SYGKELESAEER	AGAP009082-PA	-	52	7.97E-05	2	1397.655	0.5	Malpighian tubule	3R:+:25452451-25452486	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_10633	SLAVQLYPAGPERDGIMAYIEDYPAGAQEPELPRPR	AGAP009082-PA	M17(Oxidation)	135	2.39E-13	1	3969.994	3.34	Malpighian tubule	3R:+:25451305-25451412	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_10634	LLDKNDLPK	AGAP009082-PA	-	40	0.000537519	2	1055.610	-0.04	Malpighian tubule	3R:+:25451476-25451502	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_13678	NDFEGQAVLINCLLR	AGAP009082-PA	C12(Carbamidomethyl)	81	1.16E-07	2	1761.902	3.53	Head	3R:+:25451677-25451721	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_15220	SLAVQLYPAGPER	AGAP009082-PA	-	58	1.93E-05	2	1400.754	0.47	Pupa	3R:+:25451305-25451343	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_16650	EPQLAFHQR	AGAP009082-PA	-	38	0.001924697	1	1125.580	0.43	Malpighian tubule	3R:+:25452364-25452390	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_22397	VAELNNDLESIR	AGAP009082-PA	-	92	9.83E-09	1	1372.711	3.44	Head	3R:+:25451602-25451637	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_23276	VSQTAAAAAPADPIVDVEMESAEDAEAAK	AGAP009082-PA	M19(Oxidation)	38	0.002205066	3	2873.346	3.5	Head	3R:+:25451068-25451154	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_24126	SLGPYFQLTQAVR	AGAP009082-PA	-	89	1.15E-08	1	1479.801	3.85	Malpighian tubule	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_24822	SLGPYFQLTQAVR	AGAP009082-PA	-	80	8.67E-08	2	1479.799	2.62	Midgut	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_25785	SLAVQLYPAGPER	AGAP009082-PA	-	64	5.67E-06	2	1400.755	1.16	Malpighian tubule	3R:+:25451305-25451343	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_27557	NYLHYSLYDQADK	AGAP009082-PA	-	68	2.39E-06	1	1629.762	4.61	Head	3R:+:25451722-25451760	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_29448	SLGPYFQLTQAVR	AGAP009082-PA	-	35	0.00293793	1	1479.800	3.36	Larva	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA

JHU_Ag_31108	FLYYLGR	AGAP009082-PA	-	42	0.000978717	2	931.502	-1.95	Ovary	3R:+:25451815-25451835	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_33035	KLALVVVR	AGAP009082-PA	-	54	1.35E-06	2	897.625	1.14	Malpighian tubule	3R:+:25451281-25451304	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_33701	SLGPYFQLTQAVR	AGAP009082-PA	-	81	7.33E-08	2	1479.799	2.29	Pupa	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_34191	NYLHYSLYDQADK	AGAP009082-PA	-	64	5.11E-06	1	1629.763	4.98	Ovary	3R:+:25451722-25451760	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_34310	FGEVLVNFGEQFR	AGAP009082-PA	-	92	9.98E-09	1	1541.781	4.15	Pupa	3R:+:25452076-25452114	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_35576	VAELNNDLESIR	AGAP009082-PA	-	86	3.99E-08	2	1372.705	-1.63	Midgut	3R:+:25451602-25451637	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_35846	SLAVQLYPAGPER	AGAP009082-PA	-	52	7.46E-05	2	1400.757	2.82	Male reproductive organs	3R:+:25451305-25451343	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_36916	NYLHYSLYDQADKLVNK	AGAP009082-PA	-	92	8.21E-09	1	2084.053	3.84	Malpighian tubule	3R:+:25451722-25451772	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_39577	ISPQDIAR	AGAP009082-PA	-	41	0.000581689	2	899.495	0.27	Pupa	3R:+:25452202-25452225	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_39645	DAELLAVQEIR	AGAP009082-PA	-	90	1.29E-08	2	1256.685	0.34	Male reproductive organs	3R:+:25451158-25451190	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_40055	LLDKNDLPK	AGAP009082-PA	-	53	2.73E-05	2	1055.609	-0.97	Pupa	3R:+:25451476-25451502	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_42960	SLAVQLYPAGPER	AGAP009082-PA	-	78	2.14E-07	2	1400.758	3.25	Head	3R:+:25451305-25451343	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_43997	LGLDSPEDAEFIVAK	AGAP009082-PA	-	84	6.56E-08	1	1603.825	2.28	Head	3R:+:25452229-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_44699	ESTDIYSTREPQLAFHQR	AGAP009082-PA	-	100	1.62E-09	1	2178.060	1.33	Malpighian tubule	3R:+:25452337-25452390	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_45021	DAELLAVQEIRDHAR	AGAP009082-PA	-	46	0.000319682	3	1735.908	-0.21	Male reproductive organs	3R:+:25451158-25451202	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_46049	DAELLAVQEIRDHAR	AGAP009082-PA	-	48	0.000182888	1	1735.912	1.9	Malpighian tubule	3R:+:25451158-25451202	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_46945	SVFPETASNNECAR	AGAP009082-PA	C12(Carbamidomethyl)	86	1.62E-08	1	1581.694	-1.42	Visceras	3R:+:25451773-25451814	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_48481	DGVIEATLDPEK	AGAP009082-PA	-	36	0.004131343	1	1286.651	3.03	Malpighian tubule	3R:+:25452283-25452318	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_49563	SVFPETASNNECAR	AGAP009082-PA	C12(Carbamidomethyl)	64	2.38E-06	2	1581.693	-1.81	Male reproductive organs	3R:+:25451773-25451814	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_49795	ISFCLDLHNQSVK	AGAP009082-PA	C4(Carbamidomethyl)	95	4.59E-09	1	1560.788	2.76	Malpighian tubule	3R:+:25452391-25452429	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_50186	SIGLAYSR	AGAP009082-PA	-	47	0.000258623	2	866.473	0	Malpighian tubule	3R:+:25452178-25452201	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_50933	SPVPEVDAYFHLLLLVR	AGAP009082-PA	-	107	5.99E-11	1	1968.101	2.78	Ovary	3R:+:25451425-25451475	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_50991	NDFEGQAVLINCLLR	AGAP009082-PA	C12(Carbamidomethyl)	87	3.28E-08	1	1761.905	5.33	Malpighian tubule	3R:+:25451677-25451721	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_51141	KLGLDSPEDAEFIVAK	AGAP009082-PA	-	96	2.62E-09	1	1731.925	5.21	Ovary	3R:+:25452226-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_51368	ISFCLDLHNQSVK	AGAP009082-PA	C4(Carbamidomethyl)	36	0.003658152	2	1560.789	3.23	Head	3R:+:25452391-25452429	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_51656	VSQTAAAAAPADPIVDVEMESAEDAEAAKK	AGAP009082-PA	M19(Oxidation)	42	0.000838923	1	3001.440	3.02	Head	3R:+:25451068-25451157	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_53551	SVFPETASNNECAR	AGAP009082-PA	C12(Carbamidomethyl)	56	1.69E-05	2	1581.698	0.82	Ovary	3R:+:25451773-25451814	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_54318	SVFPETASNNECAR	AGAP009082-PA	C12(Carbamidomethyl)	92	4.55E-09	1	1581.698	1.2	Malpighian tubule	3R:+:25451773-25451814	exon=> In CDS Exon 1 of transcript AGAP009082-PA

JHU_Ag_55066	SLGPYFQLTQAVR	AGAP009082-PA	-	55	3.06E-05	1	1479.794	-1.18	Male reproductive organs	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_55705	NDFEGQAVLINCLLR	AGAP009082-PA	C12(Carbamidomethyl)	71	1.36E-06	1	1761.906	6.03	Salivary gland	3R:+:25451677-25451721	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_58122	KLGLDSPEDAEFIVAK	AGAP009082-PA	-	92	6.60E-09	1	1731.921	2.6	Head	3R:+:25452226-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_59641	LALVVVR	AGAP009082-PA	-	52	5.43E-06	2	769.532	3.07	Head	3R:+:25451284-25451304	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_62086	SLGPYFQLTQAVR	AGAP009082-PA	-	82	5.28E-08	1	1479.801	3.44	Visceras	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_65680	DGVIEATLDPEK	AGAP009082-PA	-	66	3.26E-06	2	1286.649	1.33	Head	3R:+:25452283-25452318	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_65947	DGVIEATLDPEKGYMR	AGAP009082-PA	M15(Oxidation)	59	2.29E-05	1	1809.873	2.42	Malpighian tubule	3R:+:25452283-25452330	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_68329	NYLHYSLYDQADK	AGAP009082-PA	-	31	0.009709925	1	1629.753	-0.79	Midgut	3R:+:25451722-25451760	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_69080	SLGPYFQLTQAVR	AGAP009082-PA	-	85	2.72E-08	1	1479.799	2.04	Head	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_73867	NYLHYSLYDQADKLVNK	AGAP009082-PA	-	38	0.002116999	1	2084.053	3.93	Salivary gland	3R:+:25451722-25451772	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_78243	NYLHYSLYDQADKLVNK	AGAP009082-PA	-	47	0.000293	1	2084.055	4.89	Ovary	3R:+:25451722-25451772	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_78255	LALVVVR	AGAP009082-PA	-	45	2.71E-05	2	769.529	-0.34	Ovary	3R:+:25451284-25451304	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_79090	NDFEGQAVLINCLLR	AGAP009082-PA	C12(Carbamidomethyl)	117	3.37E-11	1	1761.894	-0.9	Ovary	3R:+:25451677-25451721	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_80606	VAELNNDLESIR	AGAP009082-PA	-	75	4.92E-07	1	1372.704	-1.72	Ovary	3R:+:25451602-25451637	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_82088	DGIMAYIEDYPAGAQEPELPRPR	AGAP009082-PA	M4(Oxidation)	56	3.89E-05	1	2604.256	6.19	Malpighian tubule	3R:+:25451344-25451412	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_82502	VAELNNDLESIR	AGAP009082-PA	-	92	9.23E-09	1	1372.711	2.73	Malpighian tubule	3R:+:25451602-25451637	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_83167	KLGLDSPEDAEFIVAK	AGAP009082-PA	-	100	1.03E-09	2	1731.923	3.66	Pupa	3R:+:25452226-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_84141	VAELNNDLESIRSFLHSR	AGAP009082-PA	-	86	3.34E-08	1	2100.085	0.96	Malpighian tubule	3R:+:25451602-25451655	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_84189	SLAVQLYPAGPER	AGAP009082-PA	-	51	9.57E-05	1	1400.758	3.25	Salivary gland	3R:+:25451305-25451343	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_84550	FLYYLGR	AGAP009082-PA	-	44	0.000648099	2	931.504	0.48	Pupa	3R:+:25451815-25451835	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_84714	FGEVLVNFGEQFR	AGAP009082-PA	-	101	1.20E-09	1	1541.782	4.78	Salivary gland	3R:+:25452076-25452114	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_85138	FGEVLVNFGEQFR	AGAP009082-PA	-	100	1.37E-09	1	1541.780	3.36	Visceras	3R:+:25452076-25452114	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_85479	VAELNNDLESIR	AGAP009082-PA	-	85	4.88E-08	1	1372.707	0.24	Salivary gland	3R:+:25451602-25451637	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_86700	DAELLAVQEIR	AGAP009082-PA	-	66	2.77E-06	1	1256.684	-0.83	Ovary	3R:+:25451158-25451190	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_86761	LGLDSPEDAEFIVAK	AGAP009082-PA	-	59	1.89E-05	1	1603.828	3.87	Malpighian tubule	3R:+:25452229-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_88914	DAELLAVQEIR	AGAP009082-PA	-	87	2.44E-08	2	1256.685	0.53	Head	3R:+:25451158-25451190	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_89375	DGIMAYIEDYPAGAQEPELPRPR	AGAP009082-PA	M4(Oxidation)	45	0.00045637	3	2604.242	0.85	Head	3R:+:25451344-25451412	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_90893	DGIMAYIEDYPAGAQEPELPRPR	AGAP009082-PA	M4(Oxidation)	101	1.28E-09	1	2604.239	-0.2	Ovary	3R:+:25451344-25451412	exon=> In CDS Exon 1 of transcript AGAP009082-PA

JHU_Ag_90927	RSLDLIAAK	AGAP009082-PA	-	39	0.000925418	1	986.601	1.41	Malpighian tubule	3R:+:25451554-25451580	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_90945	NDFEGQAVLINCLLR	AGAP009082-PA	C12(Carbamidomethyl)	84	6.53E-08	2	1761.897	0.76	Male reproductive organs	3R:+:25451677-25451721	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_91592	ISFCLDLHNQSVK	AGAP009082-PA	C4(Carbamidomethyl)	80	1.61E-07	1	1560.789	3.47	Salivary gland	3R:+:25452391-25452429	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_91861	DAELLAVQEIR	AGAP009082-PA	-	72	7.97E-07	2	1256.685	0.43	Salivary gland	3R:+:25451158-25451190	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_92081	FGEVLVNFGEQFR	AGAP009082-PA	-	96	3.92E-09	1	1541.770	-2.9	Midgut	3R:+:25452076-25452114	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_92619	KLGLDSPEDAEFIVAK	AGAP009082-PA	-	97	2.47E-09	1	1731.922	2.95	Salivary gland	3R:+:25452226-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_92813	EPQLAFHQR	AGAP009082-PA	-	41	0.000859653	2	1125.577	-2.39	Head	3R:+:25452364-25452390	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_93206	KAPQQAAVGFR	AGAP009082-PA	-	46	0.000316657	1	1172.652	-1.39	Pupa	3R:+:25451896-25451928	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_94066	SLGPYFQLTQAVR	AGAP009082-PA	-	85	3.16E-08	1	1479.800	3.36	Salivary gland	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_94486	SLDLIAAK	AGAP009082-PA	-	40	0.001566222	1	830.501	2.78	Malpighian tubule	3R:+:25451557-25451580	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_97193	DGVIEATLDPEK	AGAP009082-PA	-	64	5.06E-06	2	1286.648	0	Salivary gland	3R:+:25452283-25452318	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_98689	KLGLDSPEDAEFIVAK	AGAP009082-PA	-	108	2.15E-10	1	1731.917	0.35	Midgut	3R:+:25452226-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_99279	VAELNNDLESIR	AGAP009082-PA	-	72	9.87E-07	2	1372.708	1.13	Pupa	3R:+:25451602-25451637	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_102207	SKESTDIYSTR	AGAP009082-PA	-	45	0.000400798	1	1286.622	-0.54	Pupa	3R:+:25452331-25452363	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_103179	EPQLAFHQR	AGAP009082-PA	-	47	0.000233534	2	1125.579	-1.31	Ovary	3R:+:25452364-25452390	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_103494	LALVVVR	AGAP009082-PA	-	56	2.12E-06	2	769.531	1.57	Malpighian tubule	3R:+:25451284-25451304	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_104583	SLGPYFQLTQAVR	AGAP009082-PA	-	74	4.19E-07	1	1479.796	0.55	Ovary	3R:+:25452019-25452057	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_104943	LALVVVR	AGAP009082-PA	-	53	4.47E-06	2	769.529	-0.26	Male reproductive organs	3R:+:25451284-25451304	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_111742	LGLDSPEDAEFIVAK	AGAP009082-PA	-	39	0.002245935	1	1603.821	-0.01	Midgut	3R:+:25452229-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_112712	LALVVVR	AGAP009082-PA	-	47	4.18E-06	2	769.529	-0.57	Salivary gland	3R:+:25451284-25451304	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_113035	SLAVQLYPAGPER	AGAP009082-PA	-	67	2.59E-06	2	1400.755	1.51	Midgut	3R:+:25451305-25451343	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_113740	FGEVLVNFGEQFR	AGAP009082-PA	-	87	2.86E-08	1	1541.778	1.77	Ovary	3R:+:25452076-25452114	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_113866	KLGLDSPEDAEFIVAK	AGAP009082-PA	-	116	2.53E-11	1	1731.923	3.73	Malpighian tubule	3R:+:25452226-25452273	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_115872	DAELLAVQEIRDHAR	AGAP009082-PA	-	68	1.57E-06	1	1735.914	3.17	Ovary	3R:+:25451158-25451202	exon=> In CDS Exon 1 of transcript AGAP009082-PA
JHU_Ag_1424	LVGYTSNQSHSSVER	AGAP009091-PB,AGAP009091-PA	-	112	9.13E-11	1	1663.805	0.97	Pupa	3R:-:25555131-25555362,25554165-25555011;3R:-:25555131-25555362,25554165-25555011	exon=> In CDS Exon 5 and 4 of transcript AGAP009091-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP009091-PA

JHU_Ag_3437	AGLLGGVK	AGAP009091-PB,AGAP009091-PA	-	42	0.000275904	2	714.450	-1.86	Pupa	3R:-:25555010-25554987;3R:-:25555010-25554987	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_6825	VKEEHPDWDDNTIVSK	AGAP009091-PB,AGAP009091-PA	-	90	1.47E-08	1	1911.906	-1.16	Head	3R:-:25555179-25555132;3R:-:25555179-25555132	exon=> In CDS Exon 4 of transcript AGAP009091-PB;exon=> In CDS Exon 4 of transcript AGAP009091-PA
JHU_Ag_9913	VLPTVQPGYLRPLIPDEAPQQPEK	AGAP009091-PB,AGAP009091-PA	-	118	5.29E-12	1	2685.469	2.89	Head	3R:-:25555671-25555600;3R:-:25555671-25555600	exon=> In CDS Exon 3 of transcript AGAP009091-PB;exon=> In CDS Exon 3 of transcript AGAP009091-PA
JHU_Ag_12891	LKGTNELSEALLK	AGAP009091-PB,AGAP009091-PA	-	38	0.000768437	2	1415.811	0.25	Pupa	3R:-:25554371-25554333;3R:-:25554371-25554333	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_17373	EVAAAADELLAEQK	AGAP009091-PB,AGAP009091-PA	-	115	4.02E-11	1	1457.748	0.11	Ovary	3R:-:25554212-25554171;3R:-:25554212-25554171	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_21964	GNIHLVPSKVNDVYFLR	AGAP009091-PB,AGAP009091-PA	-	75	1.48E-07	1	1971.087	3.04	Pupa	3R:-:25554317-25554267;3R:-:25554317-25554267	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_24084	LRGETLEQAIK	AGAP009091-PB,AGAP009091-PA	-	71	7.02E-07	1	1257.714	-1.53	Head	3R:-:25554953-25554921;3R:-:25554953-25554921	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_29026	GIETADSFNFNPHK	AGAP009091-PB,AGAP009091-PA	-	76	3.46E-07	2	1576.741	1.21	Head	3R:-:25554734-25554693;3R:-:25554734-25554693	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_33005	GNIHLVPSK	AGAP009091-PB,AGAP009091-PA	-	52	2.32E-05	2	964.553	-4.37	Head	3R:-:25554317-25554291;3R:-:25554317-25554291	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_33500	VKEEHPDWDDNTIVSK	AGAP009091-PB,AGAP009091-PA	-	87	2.98E-08	1	1911.904	-2.21	Pupa	3R:-:25555179-25555132;3R:-:25555179-25555132	exon=> In CDS Exon 4 of transcript AGAP009091-PB;exon=> In CDS Exon 4 of transcript AGAP009091-PA
JHU_Ag_41015	GNIHLVPSK	AGAP009091-PB,AGAP009091-PA	-	68	6.17E-07	1	964.557	-0.51	Pupa	3R:-:25554317-25554291;3R:-:25554317-25554291	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_42401	FTEPADIDYSWK	AGAP009091-PB,AGAP009091-PA	-	81	9.52E-08	1	1471.675	0.55	Pupa	3R:-:25554248-25554213;3R:-:25554248-25554213	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_45380	VNDVYFLR	AGAP009091-PB,AGAP009091-PA	-	57	2.31E-05	2	1025.541	-0.06	Pupa	3R:-:25554290-25554267;3R:-:25554290-25554267	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_74362	GIETADSFNFNPHK	AGAP009091-PB,AGAP009091-PA	-	88	2.02E-08	2	1576.735	-2.74	Pupa	3R:-:25554734-25554693;3R:-:25554734-25554693	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA

JHU_Ag_76999	VIMPGVTHWHSPK	AGAP009091-PB,AGAP009091-PA	M3(Oxidation)	56	3.94E-05	1	1504.773	-0.18	Pupa	3R:-:25555569-25555531;3R:-:25555569-25555531	exon=> In CDS Exon 3 of transcript AGAP009091-PB;exon=> In CDS Exon 3 of transcript AGAP009091-PA
JHU_Ag_91326	LVGYTSNQSHSSVER	AGAP009091-PB,AGAP009091-PA	N7(Deamidated), Q8(Deamidated)	107	2.91E-10	1	1663.810	4.2	Head	3R:-:25555131-25555362,25554165-25555011;3R:-:25555131-25555362,25554165-25555011	exon=> In CDS Exon 5 and 4 of transcript AGAP009091-PB;exon=> In CDS Exon 5 and 4 of transcript AGAP009091-PA
JHU_Ag_94505	LYGVDNLQAHIR	AGAP009091-PB,AGAP009091-PA	-	83	4.87E-08	1	1398.749	0.32	Pupa	3R:-:25554506-25554471;3R:-:25554506-25554471	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_100322	LRGETLEQAIK	AGAP009091-PB,AGAP009091-PA	-	50	8.88E-05	1	1257.715	-0.65	Pupa	3R:-:25554953-25554921;3R:-:25554953-25554921	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_102242	VLPTVQPGYLRPLIPDEAPQQPEK	AGAP009091-PB,AGAP009091-PA	-	48	7.06E-05	1	2685.462	0.3	Pupa	3R:-:25555671-25555600;3R:-:25555671-25555600	exon=> In CDS Exon 3 of transcript AGAP009091-PB;exon=> In CDS Exon 3 of transcript AGAP009091-PA
JHU_Ag_103307	GNIHLVPSKVNDVYFLR	AGAP009091-PB,AGAP009091-PA	-	43	0.000233475	1	1971.082	0.26	Malpighian tubule	3R:-:25554317-25554267;3R:-:25554317-25554267	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_104392	EVAAAADELLAEQKK	AGAP009091-PB,AGAP009091-PA	-	113	5.00E-11	1	1585.844	0.49	Pupa	3R:-:25554212-25554168;3R:-:25554212-25554168	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_106938	EVAAAADELLAEQK	AGAP009091-PB,AGAP009091-PA	-	97	3.04E-09	1	1457.749	0.44	Pupa	3R:-:25554212-25554171;3R:-:25554212-25554171	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_116580	GTNELSEALLK	AGAP009091-PB,AGAP009091-PA	-	58	2.31E-05	2	1174.634	1.93	Pupa	3R:-:25554365-25554333;3R:-:25554365-25554333	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA
JHU_Ag_61455	LWFVLR	AGAP009091-PB,AGAP009091-PA,AGAP009001-PA,AGAP007305-PA	-	40	0.000280428	2	833.505	1.64	Male reproductive organs	3R:-:25554524-25554507;3R:-:25554524-25554507;3R:-:23008998-23008981;2L:-:45116403-45116386	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA;exon=> In CDS Exon 5 of transcript AGAP009001-PA;exon=> In CDS Exon 4 of transcript AGAP007305-PA
JHU_Ag_68028	LWFVLR	AGAP009091-PB,AGAP009091-PA,AGAP009001-PA,AGAP007305-PA	-	32	0.002296466	2	833.503	0.25	Pupa	3R:-:25554524-25554507;3R:-:25554524-25554507;3R:-:23008998-23008981;2L:-:45116403-45116386	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA;exon=> In CDS Exon 5 of transcript AGAP009001-PA;exon=> In CDS Exon 4 of transcript AGAP007305-PA

JHU_Ag_86346	LWFVLR	AGAP009091-PB,AGAP009091-PA,AGAP009001-PA,AGAP007305-PA	-	35	0.0013774	2	833.503	-0.63	Head	3R:-:25554524-25554507;3R:-:25554524-25554507;3R:-:23008998-23008981;2L:-:45116403-45116386	exon=> In CDS Exon 5 of transcript AGAP009091-PB;exon=> In CDS Exon 5 of transcript AGAP009091-PA;exon=> In CDS Exon 5 of transcript AGAP009001-PA;exon=> In CDS Exon 4 of transcript AGAP007305-PA
JHU_Ag_34657	LLISSATLDAEK	AGAP009093-PA	-	46	0.000215417	1	1260.706	1.47	Ovary	3R:-:25569545-25569510	exon=> In CDS Exon 1 of transcript AGAP009093-PA
JHU_Ag_1237	VRVEAIQSGGGQER	AGAP009094-PA	-	69	1.64E-06	1	1485.777	-0.25	Male reproductive organs	3R:-:25572527-25572486	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_2176	FTTIEEVDYTAEK	AGAP009094-PA	-	95	4.26E-09	1	1545.733	0.81	Male reproductive organs	3R:-:25572116-25572078	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_4160	HIITTQTEHK	AGAP009094-PA	-	42	0.000751916	1	1207.639	-3.65	Head	3R:-:25572911-25572882	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_4293	AQVASLIGADPK	AGAP009094-PA	-	49	8.67E-05	2	1169.653	-0.02	Salivary gland	3R:-:25573031-25572996	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_4457	SGTVPTPLAVGLGAACEIAAR	AGAP009094-PA	C16(Carbamidomethyl)	67	1.76E-06	1	2011.063	-0.52	Male reproductive organs	3R:-:25572476-25572414	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_10793	VLDAMMPYLTAYYGNPHSR	AGAP009094-PA	M5(Oxidation), M6(Oxidation)	65	4.91E-06	1	2231.024	-1	Salivary gland	3R:-:25573136-25573080	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_11599	THAYGWETEEAVEKAR	AGAP009094-PA	-	109	1.89E-10	1	1876.884	0.58	Malpighian tubule	3R:-:25573079-25573032	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_18173	IFAELPQVIR	AGAP009094-PA	-	40	0.000519846	2	1185.704	3.97	Ovary	3R:-:25572356-25572327	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_18404	AQVASLIGADPK	AGAP009094-PA	-	80	6.37E-08	2	1169.655	2.07	Malpighian tubule	3R:-:25573031-25572996	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_19549	ALEGEGFHVTYLPVQSNGLISMEELEK	AGAP009094-PA	M22(Oxidation)	95	4.05E-09	1	3006.484	2.49	Head	3R:-:25572860-25572780	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_29520	SGTVPTPLAVGLGAACEIAAR	AGAP009094-PA	C16(Carbamidomethyl)	61	7.27E-06	1	2011.071	3.61	Ovary	3R:-:25572476-25572414	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_31429	THAYGWETEEAVEK	AGAP009094-PA	-	74	4.57E-07	1	1649.746	1.22	Male reproductive organs	3R:-:25573079-25573038	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_31451	EVVFTSGATESNNISVK	AGAP009094-PA	-	69	1.62E-06	2	1781.891	-0.21	Male reproductive organs	3R:-:25572995-25572945	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_33160	IFAELPQVIR	AGAP009094-PA	-	50	6.63E-05	2	1185.699	-0.15	Male reproductive organs	3R:-:25572356-25572327	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_35964	VLDAMMPYLTAYYGNPHSR	AGAP009094-PA	M5(Oxidation), M6(Oxidation)	75	4.81E-07	1	2231.029	1.14	Male reproductive organs	3R:-:25573136-25573080	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_38027	IFAELPQVIR	AGAP009094-PA	-	50	7.75E-05	2	1185.699	-0.15	Salivary gland	3R:-:25572356-25572327	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_42640	THAYGWETEEAVEK	AGAP009094-PA	-	81	7.83E-08	2	1649.748	2.11	Ovary	3R:-:25573079-25573038	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_46938	ALEGEGFHVTYLPVQSNGLISMEELEK	AGAP009094-PA	M22(Oxidation)	62	7.39E-06	1	3006.482	1.82	Ovary	3R:-:25572860-25572780	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_49727	GIGALYVR	AGAP009094-PA	-	43	0.000489826	2	848.499	-0.3	Salivary gland	3R:-:25572563-25572540	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_53339	AIGTDEDLAHSSIR	AGAP009094-PA	-	72	7.93E-07	1	1484.725	-6.23	Midgut	3R:-:25572173-25572132	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_55350	THAYGWETEEAVEK	AGAP009094-PA	-	80	1.05E-07	1	1649.748	2.33	Malpighian tubule	3R:-:25573079-25573038	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_63865	THAYGWETEEAVEK	AGAP009094-PA	-	86	2.73E-08	1	1649.744	-0.11	Midgut	3R:-:25573079-25573038	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_68273	FTTIEEVDYTAEK	AGAP009094-PA	-	73	6.03E-07	2	1545.734	1.44	Salivary gland	3R:-:25572116-25572078	exon=> In CDS Exon 3 of transcript AGAP009094-PA

JHU_Ag_70000	FTTIEEVDYTAEK	AGAP009094-PA	-	79	1.49E-07	1	1545.732	0.34	Malpighian tubule	3R:-:25572116-25572078	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_70354	AIGTDEDLAHSSIR	AGAP009094-PA	-	124	5.65E-12	1	1484.735	0.59	Malpighian tubule	3R:-:25572173-25572132	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_72878	VRVEAIQSGGGQER	AGAP009094-PA	-	69	1.90E-06	2	1485.780	1.88	Ovary	3R:-:25572527-25572486	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_80454	SGTVPTPLAVGLGAACEIAAR	AGAP009094-PA	C16(Carbamidomethyl)	55	2.85E-05	1	2011.063	-0.46	Head	3R:-:25572476-25572414	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_92998	AQVASLIGADPK	AGAP009094-PA	-	55	2.19E-05	2	1169.654	1.55	Ovary	3R:-:25573031-25572996	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_101739	ALEGEGFHVTYLPVQSNGLISMEELEK	AGAP009094-PA	-	81	7.70E-08	1	2990.496	4.86	Malpighian tubule	3R:-:25572860-25572780	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_103381	DEVLDGRPLYLDAQATTSMDPR	AGAP009094-PA	M19(Oxidation)	83	8.41E-08	1	2479.186	3.51	Head	3R:-:25573471-25573491,25571979-25573137	exon=> In CDS Exon 3 and 2 of transcript AGAP009094-PA
JHU_Ag_103925	VRVEAIQSGGGQER	AGAP009094-PA	-	95	4.60E-09	1	1485.777	0.16	Malpighian tubule	3R:-:25572527-25572486	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_104505	SGTVPTPLAVGLGAACEIAAR	AGAP009094-PA	C16(Carbamidomethyl)	54	3.28E-05	2	2011.068	1.66	Visceras	3R:-:25572476-25572414	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_104896	AQVASLIGADPK	AGAP009094-PA	-	64	2.58E-06	1	1169.657	3.53	Male reproductive organs	3R:-:25573031-25572996	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_106966	AIGTDEDLAHSSIR	AGAP009094-PA	-	109	1.54E-10	1	1484.737	2.32	Ovary	3R:-:25572173-25572132	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_108164	GIGALYVR	AGAP009094-PA	-	46	0.000211856	1	848.499	-0.09	Malpighian tubule	3R:-:25572563-25572540	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_110767	FTTIEEVDYTAEK	AGAP009094-PA	-	87	2.75E-08	1	1545.738	3.81	Ovary	3R:-:25572116-25572078	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_112370	FTTIEEVDYTAEK	AGAP009094-PA	-	77	2.55E-07	1	1545.735	2.15	Head	3R:-:25572116-25572078	exon=> In CDS Exon 3 of transcript AGAP009094-PA
JHU_Ag_56309	DGPGPDPYPTSVER	AGAP009095-PA	-	100	1.01E-09	1	1486.683	1.17	Head	3R:+:25575935-25575976	exon=> In CDS Exon 2 of transcript AGAP009095-PA
JHU_Ag_75921	DSPHFLEFLQGDELR	AGAP009095-PA	-	47	0.000295786	1	1802.871	-0.09	Midgut	3R:+:25576157-25576201	exon=> In CDS Exon 2 of transcript AGAP009095-PA
JHU_Ag_76767	DGPGPDPYPTSVER	AGAP009095-PA	-	70	9.08E-07	1	1486.685	2.97	Midgut	3R:+:25575935-25575976	exon=> In CDS Exon 2 of transcript AGAP009095-PA
JHU_Ag_97857	SAAFECFLDHIVTVPSLR	AGAP009095-PA	C6(Carbamidomethyl)	34	0.004519976	1	2062.053	4.99	Midgut	3R:+:25576103-25576156	exon=> In CDS Exon 2 of transcript AGAP009095-PA
JHU_Ag_115759	ILPTGSAASDGQPVSAAAGK	AGAP009095-PA	-	112	6.86E-11	2	1797.938	2.19	Head	3R:+:25575842-25575901	exon=> In CDS Exon 2 of transcript AGAP009095-PA
JHU_Ag_26116	LGPAPVVAVR	AGAP009098-PA	-	41	0.000121093	2	978.612	2.62	Male reproductive organs	3R:-:25584937-25584908	exon=> In CDS Exon 3 of transcript AGAP009098-PA
JHU_Ag_27394	RGEEFLVK	AGAP009098-PA	-	41	0.001106891	2	977.539	-2.52	Head	3R:-:25586047-25586024	exon=> In CDS Exon 2 of transcript AGAP009098-PA
JHU_Ag_1885	WSIQFHTR	AGAP009099-PA	-	56	4.36E-05	2	1074.547	-0.64	Male reproductive organs	3R:+:25589492-25589515	exon=> In CDS Exon 2 of transcript AGAP009099-PA
JHU_Ag_19939	AVVVDSK	AGAP009099-PA	-	46	0.000518017	2	717.414	-0.68	Male reproductive organs	3R:+:25589402-25589422	exon=> In CDS Exon 2 of transcript AGAP009099-PA
JHU_Ag_20007	GAPFEVR	AGAP009099-PA	-	59	3.34E-05	2	775.412	3.48	Male reproductive organs	3R:+:25589201-25589221	exon=> In CDS Exon 2 of transcript AGAP009099-PA
JHU_Ag_34477	NDAVYMEDEAWR	AGAP009099-PA	N1(Deamidated), M6(Oxidation),M6(Oxidation)	110	3.42E-11	1	1514.622	-0.05	Male reproductive organs	3R:+:25589591-25589612,25589676-25589689	exon=> In CDS Exon 2 and 3 of transcript AGAP009099-PA
JHU_Ag_57094	STTSTNYR	AGAP009099-PA	N-Term(Acetyl)	38	0.000867668	1	971.439	-3.71	Male reproductive organs	3R:+:25588930-25588953	exon=> In CDS Exon 1 of transcript AGAP009099-PA
JHU_Ag_58638	RGAPFEVR	AGAP009099-PA	-	46	0.000474278	2	931.514	3.64	Male reproductive organs	3R:+:25589198-25589221	exon=> In CDS Exon 2 of transcript AGAP009099-PA

JHU_Ag_60001	EPLFVLFNPWCK	AGAP009099-PA	C11(Carbamidomethyl)	87	3.70E-08	1	1549.786	-0.85	Male reproductive organs	3R:+:25589555-25589590	exon=> In CDS Exon 2 of transcript AGAP009099-PA
JHU_Ag_72101	IESINLCFDENGKTFHTSHYEAMTKPRPTK	AGAP009099-PA	C7(Carbamidomethyl)	73	5.63E-07	1	3551.706	0.37	Male reproductive organs	3R:+:25589084-25589173	exon=> In CDS Exon 2 of transcript AGAP009099-PA
JHU_Ag_74261	NDAVYMEDEAWRSEYILDDSTAICKPASK	AGAP009099-PA	M6(Oxidation), C24(Carbamidomethyl)	169	1.20E-16	1	3393.524	-0.43	Male reproductive organs	3R:+:25589591-25589612,25589676-25589740	exon=> In CDS Exon 2 and 3 of transcript AGAP009099-PA
JHU_Ag_85459	IESINLCFDENGK	AGAP009099-PA	C7(Carbamidomethyl), N11(Deamidated),C7(Carbamidomethyl)	111	7.83E-11	2	1539.698	-0.94	Male reproductive organs	3R:+:25589084-25589122	exon=> In CDS Exon 2 of transcript AGAP009099-PA
JHU_Ag_102872	SEYILDDSTAICKPASK	AGAP009099-PA	C12(Carbamidomethyl)	135	4.61E-13	1	1897.918	-1.7	Male reproductive organs	3R:+:25589690-25589740	exon=> In CDS Exon 3 of transcript AGAP009099-PA
JHU_Ag_104821	VVTNSAIKDVLK	AGAP009099-PA	N4(Deamidated)	106	7.01E-11	1	1286.768	-0.21	Male reproductive organs	3R:+:25588972-25588972,25589049-25589083	exon=> In CDS Exon 1 and 2 of transcript AGAP009099-PA
JHU_Ag_113264	KVVTNSAIK	AGAP009099-PA	-	60	3.68E-06	2	959.596	7.54	Male reproductive organs	3R:+:25588969-25588972,25589049-25589071	exon=> In CDS Exon 1 and 2 of transcript AGAP009099-PA
JHU_Ag_18853	AIGIPSR	AGAP009100-PA	-	32	0.002485358	1	713.431	0.58	Male reproductive organs	3R:+:25598318-25598338	exon=> In CDS Exon 3 of transcript AGAP009100-PA
JHU_Ag_20438	WVGSVEILQQFYK	AGAP009100-PA	-	44	0.000401535	2	1596.847	3.27	Ovary	3R:+:25598150-25598188	exon=> In CDS Exon 2 of transcript AGAP009100-PA
JHU_Ag_24407	LGEVLKPYDNNFLFAEVNADK	AGAP009100-PA	-	44	0.000490194	3	2396.218	2.14	Ovary	3R:+:25598606-25598668	exon=> In CDS Exon 3 of transcript AGAP009100-PA
JHU_Ag_45720	IGEPFSVILTVK	AGAP009100-PA	-	40	0.000273237	2	1302.768	1.27	Visceras	3R:+:25598939-25598959,25599017-25599031	exon=> In CDS Exon 3 and 4 of transcript AGAP009100-PA
JHU_Ag_51695	FGQFEKHVLDCSLLLIAK	AGAP009100-PA	C11(Carbamidomethyl)	75	2.06E-07	1	2118.148	3.11	Malpighian tubule	3R:+:25597952-25598005	exon=> In CDS Exon 2 of transcript AGAP009100-PA
JHU_Ag_69446	IGEPFSVILTVK	AGAP009100-PA	-	85	8.76E-09	1	1302.768	0.52	Ovary	3R:+:25598939-25598959,25599017-25599031	exon=> In CDS Exon 3 and 4 of transcript AGAP009100-PA
JHU_Ag_90889	FSVTLEPGTEESIR	AGAP009100-PA	-	40	0.001763231	1	1564.788	1.36	Ovary	3R:+:25599131-25599172	exon=> In CDS Exon 4 of transcript AGAP009100-PA
JHU_Ag_4140	FEDHETYSLEK	AGAP009104-PA	-	42	0.000631424	2	1397.622	-0.35	Pupa	3R:-:25632860-25632828	exon=> In CDS Exon 3 of transcript AGAP009104-PA
JHU_Ag_10918	LGSYLGSVVLR	AGAP009104-PA	-	52	2.72E-05	2	1163.682	2.78	Malpighian tubule	3R:-:25632553-25632521	exon=> In CDS Exon 4 of transcript AGAP009104-PA
JHU_Ag_11850	ISALDPAFPPFYPGIFATALSSK	AGAP009104-PA	-	97	1.47E-09	1	2410.281	4.87	Larva	3R:-:25632322-25632254	exon=> In CDS Exon 5 of transcript AGAP009104-PA
JHU_Ag_20917	LLTDNDLCSHR	AGAP009104-PA	C8(Carbamidomethyl)	66	2.58E-06	2	1343.641	2.8	Larva	3R:-:25632121-25632323,25631472-25631621	exon=> In CDS Exon 6 and 5 of transcript AGAP009104-PA
JHU_Ag_25860	FVLFYGPK	AGAP009104-PA	-	36	0.001784394	1	970.543	3.43	Larva	3R:-:25632966-25633016,25632618-25632861	exon=> In CDS Exon 3 and 2 of transcript AGAP009104-PA
JHU_Ag_41835	FEDHETYSLEK	AGAP009104-PA	-	74	3.93E-07	1	1397.626	2.89	Larva	3R:-:25632860-25632828	exon=> In CDS Exon 3 of transcript AGAP009104-PA
JHU_Ag_42183	FVLFYGPK	AGAP009104-PA	-	38	0.000986449	2	970.539	-0.73	Male reproductive organs	3R:-:25632966-25633016,25632618-25632861	exon=> In CDS Exon 3 and 2 of transcript AGAP009104-PA
JHU_Ag_50158	LHLVGHSLGGQLAGYVGR	AGAP009104-PA	-	86	1.36E-08	1	1834.019	6.02	Larva	3R:-:25632490-25632437	exon=> In CDS Exon 4 of transcript AGAP009104-PA
JHU_Ag_61704	LGSYLGSVVLR	AGAP009104-PA	-	60	3.75E-06	2	1163.682	3.51	Larva	3R:-:25632553-25632521	exon=> In CDS Exon 4 of transcript AGAP009104-PA

JHU_Ag_61828	GDYYLQTNGAPPYSK	AGAP009104-PA	N8(Deamidated)	100	1.17E-09	2	1674.775	6.38	Larva	3R:-:25631376-25631332	exon=> In CDS Exon 7 of transcript AGAP009104-PA
JHU_Ag_76954	FVLFYGPK	AGAP009104-PA	-	38	0.000930623	2	970.541	1.78	Malpighian tubule	3R:-:25632966-25633016,25632618-25632861	exon=> In CDS Exon 3 and 2 of transcript AGAP009104-PA
JHU_Ag_86816	AEDILQHSR	AGAP009104-PA	-	58	1.74E-05	1	1068.546	2.94	Larva	3R:-:25632827-25632801	exon=> In CDS Exon 3 of transcript AGAP009104-PA
JHU_Ag_88123	FEDHETYSLEK	AGAP009104-PA	-	63	4.55E-06	2	1397.625	1.92	Head	3R:-:25632860-25632828	exon=> In CDS Exon 3 of transcript AGAP009104-PA
JHU_Ag_94062	MINAGLNVDKLHLVGHSLGGQLAGYVGR	AGAP009104-PA	M1(Oxidation)	84	2.18E-08	1	2905.556	3.24	Larva	3R:-:25632520-25632437	exon=> In CDS Exon 4 of transcript AGAP009104-PA
JHU_Ag_99290	AAPIVHMGIDCSSDAK	AGAP009104-PA	M7(Oxidation), C11(Carbamidomethyl)	78	1.99E-07	1	1687.784	3.6	Larva	3R:-:25631512-25631637,25631305-25631377	exon=> In CDS Exon 7 and 6 of transcript AGAP009104-PA
JHU_Ag_99417	FVLFYGPK	AGAP009104-PA	-	39	0.000872035	2	970.540	-0.17	Pupa	3R:-:25632966-25633016,25632618-25632861	exon=> In CDS Exon 3 and 2 of transcript AGAP009104-PA
JHU_Ag_111749	LGSYLGSVVLR	AGAP009104-PA	-	78	7.15E-08	2	1163.679	0.47	Male reproductive organs	3R:-:25632553-25632521	exon=> In CDS Exon 4 of transcript AGAP009104-PA
JHU_Ag_354	SDLIPTFVQMAQDEQDSVR	AGAP009105-PA	-	51	0.000115974	1	2179.038	1.82	Pupa	3R:-:25649764-25649708	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_715	TVAGQHSAQDLEVHLVPTLQR	AGAP009105-PA	-	85	2.65E-08	1	2299.218	1.04	Salivary gland	3R:-:25650031-25649969	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_2275	TVAGQHSAQDLEVHLVPTLQR	AGAP009105-PA	Q5(Deamidated),Q20(Deamidated)	115	2.79E-11	1	2299.217	0.64	Head	3R:-:25650031-25649969	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_3970	LSPFLDQAAIDEHVKPILEK	AGAP009105-PA	-	103	2.34E-10	1	2263.234	0.08	Midgut	3R:-:25646388-25646329	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_5327	VLSTDPVANVR	AGAP009105-PA	-	35	0.002675267	2	1170.649	1.03	Larva	3R:-:25646448-25646416	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_6236	LVSGDWFTSR	AGAP009105-PA	-	62	9.79E-06	2	1167.580	0.77	Pupa	3R:-:25649968-25649939	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_7978	NNTIEHLLPLFLIQLK	AGAP009105-PA	-	87	3.75E-09	1	1906.117	0.23	Salivary gland	3R:-:25647043-25646996	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_8746	ELVADSNQHVK	AGAP009105-PA	-	39	0.001574744	2	1239.639	4.74	Larva	3R:-:25647124-25647092	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_9420	TSACGLFSVCYPR	AGAP009105-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	83	5.02E-08	1	1517.688	0.45	Ovary	3R:-:25649938-25649900	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_10058	DLCFNWLNDHVYAIR	AGAP009105-PA	C3(Carbamidomethyl)	110	1.66E-10	1	1935.924	3.31	Ovary	3R:-:25646785-25646741	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_11249	VTEFCANLDK	AGAP009105-PA	C5(Carbamidomethyl)	45	0.000361248	2	1196.561	-0.48	Ovary	3R:-:25647202-25647173	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_11386	SALASVIMGLSPIVGR	AGAP009105-PA	M8(Oxidation)	92	3.15E-09	1	1586.894	0.2	Midgut	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_11446	TVAGQHSAQDLEVHLVPTLQR	AGAP009105-PA	-	123	4.08E-12	1	2299.228	5.51	Ovary	3R:-:25650031-25649969	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_11543	ELVADSNQHVK	AGAP009105-PA	-	86	3.76E-08	1	1239.635	1.79	Head	3R:-:25647124-25647092	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_12352	NSNYLHR	AGAP009105-PA	-	34	0.004173758	1	903.438	-6	Head	3R:-:25646644-25647391,25646265-25646533	exon=> In CDS Exon 3 and 2 of transcript AGAP009105-PA
JHU_Ag_13965	DLCFNWLNDHVYAIR	AGAP009105-PA	C3(Carbamidomethyl)	98	2.64E-09	1	1935.918	0.66	Malpighian tubule	3R:-:25646785-25646741	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_14291	LSPFLDQAAIDEHVKPILEK	AGAP009105-PA	-	99	6.38E-10	1	2263.237	1.78	Pupa	3R:-:25646388-25646329	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_16019	LFLPTIK	AGAP009105-PA	-	37	0.000118345	2	831.534	0.33	Midgut	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA

JHU_Ag_16779	ELVADSNQHVK	AGAP009105-PA	-	46	0.000361056	2	1239.632	-0.77	Midgut	3R:-:25647124-25647092	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_17587	LAIIEYMPLLAGQLGQEFFNQK	AGAP009105-PA	M7(Oxidation)	153	3.84E-15	1	2539.329	0.77	Malpighian tubule	3R:-:25646857-25646792	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_17956	LVSGDWFTSR	AGAP009105-PA	-	59	1.57E-05	2	1167.580	0.25	Midgut	3R:-:25649968-25649939	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_19233	ELVADSNQHVK	AGAP009105-PA	-	45	0.000425326	1	1239.636	2.28	Malpighian tubule	3R:-:25647124-25647092	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_20244	VLSTDPVANVR	AGAP009105-PA	-	59	8.93E-06	2	1170.652	3.43	Ovary	3R:-:25646448-25646416	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_23382	NDLVSAFQFLLK	AGAP009105-PA	-	96	1.76E-09	1	1394.771	1.91	Ovary	3R:-:25647277-25647242	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_25633	VLSTDPVANVR	AGAP009105-PA	-	69	1.05E-06	1	1170.653	4.26	Salivary gland	3R:-:25646448-25646416	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_26748	SDLIPTFVQMAQDEQDSVR	AGAP009105-PA	M10(Oxidation)	104	5.69E-10	2	2195.030	0.67	Head	3R:-:25649764-25649708	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_31219	NDLVSAFQFLLK	AGAP009105-PA	-	104	2.97E-10	2	1394.768	-0.28	Midgut	3R:-:25647277-25647242	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_31248	SALASVIMGLSPIVGR	AGAP009105-PA	M8(Oxidation)	72	2.95E-07	2	1586.898	2.73	Pupa	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_31266	IVQTFGTQWAETNIINQILVMYK	AGAP009105-PA	M21(Oxidation)	110	6.15E-11	1	2726.436	4.96	Ovary	3R:-:25646713-25646645	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_31845	TLCQDETPMVR	AGAP009105-PA	C3(Carbamidomethyl)	52	7.47E-05	2	1349.617	-1.21	Malpighian tubule	3R:-:25649857-25649825	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_33777	LSPFLDQAAIDEHVKPILEK	AGAP009105-PA	-	99	6.29E-10	1	2263.241	3.32	Malpighian tubule	3R:-:25646388-25646329	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_33949	LFLPTIK	AGAP009105-PA	-	33	0.000289169	1	831.535	0.92	Malpighian tubule	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_34390	VLSTDPVANVR	AGAP009105-PA	-	65	2.27E-06	1	1170.648	0.3	Pupa	3R:-:25646448-25646416	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_36505	SDLIPTFVQMAQDEQDSVR	AGAP009105-PA	M10(Oxidation)	101	1.10E-09	2	2195.036	3.57	Ovary	3R:-:25649764-25649708	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_37541	ELVADSNQHVK	AGAP009105-PA	-	64	5.91E-06	1	1239.633	-0.18	Pupa	3R:-:25647124-25647092	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_38025	NNTIEHLLPLFLIQLK	AGAP009105-PA	-	90	1.40E-09	1	1906.122	3.21	Malpighian tubule	3R:-:25647043-25646996	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_38263	DLCFNWLNDHVYAIR	AGAP009105-PA	C3(Carbamidomethyl)	43	0.000775391	1	1935.930	6.78	Midgut	3R:-:25646785-25646741	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_38527	NDLVSAFQFLLK	AGAP009105-PA	-	101	4.41E-10	2	1394.776	5.85	Malpighian tubule	3R:-:25647277-25647242	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_38857	LSPFLDQAAIDEHVKPILEK	AGAP009105-PA	-	66	1.10E-06	1	2263.240	2.83	Salivary gland	3R:-:25646388-25646329	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_41592	VVELEYLK	AGAP009105-PA	-	55	1.35E-05	1	992.568	2.11	Salivary gland	3R:-:25649788-25649765	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_41651	LVSGDWFTSR	AGAP009105-PA	-	40	0.001250561	2	1167.582	2.34	Malpighian tubule	3R:-:25649968-25649939	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_42263	SALASVIMGLSPIVGR	AGAP009105-PA	M8(Oxidation)	40	0.000583816	2	1586.895	1.2	Male reproductive organs	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_42326	SALASVIMGLSPIVGR	AGAP009105-PA	M8(Oxidation)	78	5.15E-08	2	1570.905	4.03	Ovary	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_43416	LFLPTIK	AGAP009105-PA	-	32	0.000376835	2	831.535	0.77	Ovary	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_44660	VLSTDPVANVR	AGAP009105-PA	-	29	0.009046711	2	1170.653	4.57	Head	3R:-:25646448-25646416	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_45700	NDLVSAFQFLLK	AGAP009105-PA	-	75	1.71E-07	2	1394.774	4.27	Salivary gland	3R:-:25647277-25647242	exon=> In CDS Exon 2 of transcript AGAP009105-PA

JHU_Ag_48058	SDLIPTFVQMAQDEQDSVR	AGAP009105-PA	M10(Oxidation)	62	9.44E-06	2	2195.032	1.45	Salivary gland	3R:-:25649764-25649708	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_49585	SALASVIMGLSPIVGR	AGAP009105-PA	M8(Oxidation)	67	8.08E-07	1	1570.903	2.79	Salivary gland	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_50704	TVAGQHSAQDLEVHLVPTLQR	AGAP009105-PA	-	97	1.83E-09	1	2299.217	0.48	Midgut	3R:-:25650031-25649969	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_50866	LVSGDWFTSR	AGAP009105-PA	-	64	5.66E-06	2	1167.579	-0.38	Head	3R:-:25649968-25649939	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_52418	TLCQDETPMVR	AGAP009105-PA	C3(Carbamidomethyl), M9(Oxidation),C3(Carbamidomethyl)	45	0.000351387	1	1349.619	0.42	Salivary gland	3R:-:25649857-25649825	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_52451	VVELEYLK	AGAP009105-PA	-	55	2.57E-05	1	992.566	-0.29	Malpighian tubule	3R:-:25649788-25649765	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_53057	LVSGDWFTSR	AGAP009105-PA	-	75	4.42E-07	2	1167.582	2.44	Male reproductive organs	3R:-:25649968-25649939	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_54348	VVELEYLK	AGAP009105-PA	-	42	0.000262657	1	992.568	1.68	Male reproductive organs	3R:-:25649788-25649765	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_54950	LFLPTIK	AGAP009105-PA	-	31	0.000500209	2	831.537	3.78	Larva	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_55472	VLSTDPVANVR	AGAP009105-PA	-	73	3.79E-07	1	1170.649	0.92	Malpighian tubule	3R:-:25646448-25646416	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_56635	NDLVSAFQFLLK	AGAP009105-PA	-	69	9.49E-07	2	1394.770	1.47	Pupa	3R:-:25647277-25647242	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_57888	LSPFLDQAAIDEHVKPILEK	AGAP009105-PA	-	97	8.88E-10	1	2263.246	5.53	Ovary	3R:-:25646388-25646329	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_59002	NNTIEHLLPLFLIQLK	AGAP009105-PA	-	98	1.92E-10	1	1906.121	2.82	Ovary	3R:-:25647043-25646996	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_59999	LRDLCFNWLNDHVYAIR	AGAP009105-PA	C5(Carbamidomethyl)	63	7.04E-06	1	2205.106	1.84	Ovary	3R:-:25646791-25646741	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_62140	LFLPTIK	AGAP009105-PA	-	31	0.000494483	1	831.534	0.62	Pupa	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_62321	LNTDTDVDVK	AGAP009105-PA	-	69	2.02E-06	1	1119.553	-0.29	Pupa	3R:-:25646328-25646299	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_63047	VVELEYLK	AGAP009105-PA	-	37	0.001522745	1	992.566	0.14	Pupa	3R:-:25649788-25649765	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_65832	LFLPTIK	AGAP009105-PA	-	41	4.97E-05	2	831.536	2.31	Salivary gland	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_66995	ELVADSNQHVK	AGAP009105-PA	-	66	3.53E-06	1	1239.635	1.79	Ovary	3R:-:25647124-25647092	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_67345	NNTIEHLLPLFLIQLKDEWPEVR	AGAP009105-PA	-	30	0.002986414	1	2817.535	1.92	Midgut	3R:-:25647043-25646975	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_68422	VTEFCANLDK	AGAP009105-PA	C5(Carbamidomethyl)	71	1.07E-06	1	1196.559	-2.01	Salivary gland	3R:-:25647202-25647173	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_69871	VLSTDPVANVR	AGAP009105-PA	-	42	0.000494788	2	1170.647	-0.75	Midgut	3R:-:25646448-25646416	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_72235	LFLPTIK	AGAP009105-PA	-	31	0.000502518	1	831.533	-0.62	Head	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_74555	VVELEYLK	AGAP009105-PA	-	55	1.45E-05	1	992.568	1.74	Ovary	3R:-:25649788-25649765	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_76670	TVAGQHSAQDLEVHLVPTLQR	AGAP009105-PA	-	123	4.53E-12	1	2299.219	1.47	Malpighian tubule	3R:-:25650031-25649969	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_78101	SALASVIMGLSPIVGR	AGAP009105-PA	-	50	2.83E-05	2	1570.910	7.06	Head	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_80713	TLCQDETPMVR	AGAP009105-PA	C3(Carbamidomethyl), M9(Oxidation)	47	0.000205244	2	1365.617	1.99	Ovary	3R:-:25649857-25649825	exon=> In CDS Exon 1 of transcript AGAP009105-PA

JHU_Ag_80753	VVELEYLK	AGAP009105-PA	-	43	0.000211052	2	992.569	2.6	Head	3R:-:25649788-25649765	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_81230	LNTDTDVDVK	AGAP009105-PA	-	66	3.83E-06	2	1119.554	0.69	Malpighian tubule	3R:-:25646328-25646299	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_90083	LFLPTIK	AGAP009105-PA	-	31	0.000499058	1	831.534	-0.04	Male reproductive organs	3R:-:25646469-25646449	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_93161	LNTDTDVDVK	AGAP009105-PA	-	82	1.01E-07	2	1119.554	1.02	Salivary gland	3R:-:25646328-25646299	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_94150	SDLIPTFVQMAQDEQDSVR	AGAP009105-PA	M10(Oxidation)	117	2.48E-11	1	2195.031	1.12	Malpighian tubule	3R:-:25649764-25649708	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_96310	SALASVIMGLSPIVGR	AGAP009105-PA	-	51	4.09E-05	1	1570.901	1.31	Visceras	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_96395	LVSGDWFTSR	AGAP009105-PA	-	72	9.92E-07	2	1167.584	3.59	Ovary	3R:-:25649968-25649939	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_97538	VTEFCANLDK	AGAP009105-PA	C5(Carbamidomethyl)	53	6.27E-05	2	1196.561	-0.89	Malpighian tubule	3R:-:25647202-25647173	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_104444	LSPFLDQAAIDEHVKPILEK	AGAP009105-PA	Q7(Deamidated)	113	2.79E-11	1	2263.237	1.54	Head	3R:-:25646388-25646329	exon=> In CDS Exon 3 of transcript AGAP009105-PA
JHU_Ag_105956	AVGQEITKNDLVSAFQFLLK	AGAP009105-PA	-	73	1.32E-07	3	2221.233	4.51	Malpighian tubule	3R:-:25647301-25647242	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_107515	TSACGLFSVCYPR	AGAP009105-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	72	5.73E-07	1	1517.688	0.13	Midgut	3R:-:25649938-25649900	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_109939	SALASVIMGLSPIVGR	AGAP009105-PA	M8(Oxidation)	87	9.07E-09	1	1586.900	4.04	Malpighian tubule	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_111024	SALASVIMGLSPIVGR	AGAP009105-PA	M8(Oxidation)	52	2.30E-05	2	1586.903	6.2	Larva	3R:-:25647091-25647044	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_113556	DLCFNWLNDHVYAIR	AGAP009105-PA	C3(Carbamidomethyl)	115	5.08E-11	1	1935.917	0.16	Salivary gland	3R:-:25646785-25646741	exon=> In CDS Exon 2 of transcript AGAP009105-PA
JHU_Ag_114799	LVSGDWFTSR	AGAP009105-PA	-	67	2.55E-06	2	1167.582	2.55	Salivary gland	3R:-:25649968-25649939	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_115987	TVAGQHSAQDLEVHLVPTLQR	AGAP009105-PA	-	104	3.42E-10	1	2299.221	2.24	Pupa	3R:-:25650031-25649969	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_116575	SDLIPTFVQMAQDEQDSVR	AGAP009105-PA	M10(Oxidation)	111	1.15E-10	1	2195.029	0.23	Midgut	3R:-:25649764-25649708	exon=> In CDS Exon 1 of transcript AGAP009105-PA
JHU_Ag_31844	FFLQDESVIVK	AGAP009106-PA	-	83	4.99E-08	2	1324.714	-0.29	Pupa	3R:+:25648836-25648868	exon=> In CDS Exon 1 of transcript AGAP009106-PA
JHU_Ag_66497	DALKPLAGSILSAEDGSDGIVFR	AGAP009106-PA	-	73	4.93E-07	1	2331.225	2.49	Pupa	3R:+:25649308-25649376	exon=> In CDS Exon 2 of transcript AGAP009106-PA
JHU_Ag_68557	FFLQDESVIVK	AGAP009106-PA	-	55	2.85E-05	2	1324.715	0.08	Male reproductive organs	3R:+:25648836-25648868	exon=> In CDS Exon 1 of transcript AGAP009106-PA
JHU_Ag_106159	VEFEVLDPQGLR	AGAP009106-PA	-	44	0.000699059	2	1401.742	3.5	Pupa	3R:+:25648674-25648709	exon=> In CDS Exon 1 of transcript AGAP009106-PA
JHU_Ag_69301	MRSLVHFILSLALMR	AGAP009107-PA	N-Term(Acetyl)	27	0.008313499	1	1829.027	-0.99	Ovary	3R:+:25652312-25652356	exon=> In CDS Exon 1 of transcript AGAP009107-PA
JHU_Ag_62692	NTIQFHVFR	AGAP009110-PA	-	64	7.12E-06	1	1161.617	0.52	Head	3R:-:25664318-25664729,25663537-25664218	exon=> In CDS Exon 2 and 1 of transcript AGAP009110-PA
JHU_Ag_103842	NTIQFHVFR	AGAP009110-PA	-	45	0.000412922	1	1161.620	2.93	Larva	3R:-:25664318-25664729,25663537-25664218	exon=> In CDS Exon 2 and 1 of transcript AGAP009110-PA
JHU_Ag_20865	DVLEAIAETAFK	AGAP009115-PA	-	94	6.34E-09	2	1306.693	3.39	Head	3R:-:26068989-26068954	exon=> In CDS Exon 7 of transcript AGAP009115-PA
JHU_Ag_25206	MVALPVAQSSSLDHSNVPAAK	AGAP009115-PA	M1(Oxidation)	56	3.09E-05	1	2122.103	3.28	Head	3R:-:26061743-26061681	exon=> In CDS Exon 14 of transcript AGAP009115-PA
JHU_Ag_51265	DNGINPVYDEEPFVFK	AGAP009115-PA	-	105	4.54E-10	1	1882.889	1.46	Head	3R:-:26062515-26062468	exon=> In CDS Exon 13 of transcript AGAP009115-PA

JHU_Ag_71596	VPPCASVSDAEGTGDAQAER	AGAP009115-PA	C4(Carbamidomethyl)	65	2.95E-06	2	2016.897	2.07	Head	3R:-:26061299-26061240	exon=> In CDS Exon 15 of transcript AGAP009115-PA
JHU_Ag_90854	REVDSTLVEK	AGAP009115-PA	-	39	0.002056707	1	1175.624	-2.65	Head	3R:-:26060467-26060438	exon=> In CDS Exon 17 of transcript AGAP009115-PA
JHU_Ag_105864	ERPIEFVNYNK	AGAP009115-PA	-	65	4.84E-06	2	1408.721	-0.53	Head	3R:-:26063579-26063547	exon=> In CDS Exon 11 of transcript AGAP009115-PA
JHU_Ag_60939	HEEEEIVTEF	AGAP009116-PA	-	57	1.45E-05	1	1261.562	3.14	Head	3R:-:26153647-26153618	exon=> In CDS Exon 3 of transcript AGAP009116-PA
JHU_Ag_115370	GVNSALTTYFFGPK	AGAP009117-PA	-	64	6.88E-06	2	1501.770	1.21	Head	3R:-:26157063-26157022	exon=> In CDS Exon 7 of transcript AGAP009117-PA
JHU_Ag_375	LFTEAIQLNPK	AGAP009119-PA	-	78	1.75E-07	1	1273.715	-0.37	Midgut	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_1526	LQKPNACIR	AGAP009119-PA	C7(Carbamidomethyl)	50	7.02E-05	1	1099.604	-0.22	Salivary gland	3R:+:26180236-26180262	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_10197	VPEGQPDLAGMMGGQK	AGAP009119-PA	M11(Oxidation), M12(Oxidation)	38	0.001514507	1	1646.748	-1.77	Male reproductive organs	3R:+:26179843-26179890	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_10776	LDFDEEADEWLK	AGAP009119-PA	-	108	1.35E-10	1	1509.673	-0.87	Ovary	3R:+:26180386-26180421	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_14383	VPEGQPDLAGMMGGQK	AGAP009119-PA	M11(Oxidation), M12(Oxidation)	81	7.78E-08	1	1646.752	0.6	Ovary	3R:+:26179843-26179890	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_16219	LFTEAIQLNPK	AGAP009119-PA	-	77	2.00E-07	1	1273.715	-0.37	Ovary	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_22017	DPEMSAAMSDIFSNPANISK	AGAP009119-PA	M4(Oxidation), M8(Oxidation)	143	3.76E-14	1	2156.946	-0.69	Ovary	3R:+:26180650-26180709	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_28614	AQAAAAYSEQKYDEAVK	AGAP009119-PA	-	118	2.58E-11	1	1842.884	-1.4	Midgut	3R:+:26180110-26180160	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_29431	LYSQGQGGGFPGFPGFPGGAGGFPGGAGGFPNFGGSDGGAGAGPGAGAGAGAGAGAGSGGAR	AGAP009119-PA	-	149	7.61E-15	1	5225.361	-0.99	Ovary	3R:+:26180749-26180940	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_29946	VFINLCQMTPQLLNLPQLEFLK	AGAP009119-PA	C6(Carbamidomethyl), M8(Oxidation)	142	3.43E-14	1	2675.432	0.72	Ovary	3R:+:26179750-26179815	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_30995	DPEMSAAMSDIFSNPANISK	AGAP009119-PA	M4(Oxidation), M8(Oxidation),M8(Oxidation)	142	5.98E-14	1	2156.951	1.8	Head	3R:+:26180650-26180709	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_33769	LFTEAIQLNPK	AGAP009119-PA	-	85	3.06E-08	1	1273.719	2.89	Salivary gland	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_35327	LFTEAIQLNPK	AGAP009119-PA	-	87	1.92E-08	2	1273.716	0.3	Male reproductive organs	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_39158	ALEINPDSATAYK	AGAP009119-PA	-	92	1.10E-08	1	1392.699	-0.86	Malpighian tubule	3R:+:26180275-26180313	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_39288	EPTEEEFDQANDLR	AGAP009119-PA	-	75	2.18E-07	2	1692.741	3.36	Salivary gland	3R:+:26180068-26180109	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_40116	LFTEAIQLNPK	AGAP009119-PA	-	55	2.92E-05	2	1273.721	4.99	Larva	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_40173	AAEEGAGADGAPNAGGMPFGGGGGFGTEELLNAFR	AGAP009119-PA	M17(Oxidation)	143	4.11E-14	1	3268.471	3.42	Ovary	3R:+:26180545-26180649	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_40302	LFTEAIQLNPK	AGAP009119-PA	-	75	3.20E-07	1	1273.717	1.35	Malpighian tubule	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_40324	AQAAAAYSEQKYDEAVK	AGAP009119-PA	-	85	4.85E-08	1	1842.888	0.61	Ovary	3R:+:26180110-26180160	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_44242	AAEEGAGADGAPNAGGMPFGGGGGFGTEELLNAFRDPEMSAAMSDIFSNPANISK	AGAP009119-PA	M17(Oxidation), M39(Oxidation), M43(Oxidation)	147	8.19E-15	1	5406.376	-2.56	Ovary	3R:+:26180545-26180709	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_44441	LFTEAIQLNPK	AGAP009119-PA	-	74	3.70E-07	2	1273.717	1.26	Pupa	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA

JHU_Ag_45462	ALEINPDSATAYK	AGAP009119-PA	-	88	2.52E-08	1	1392.701	0.19	Ovary	3R:+:26180275-26180313	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_46639	EPTEEEFDQANDLR	AGAP009119-PA	-	81	5.42E-08	2	1692.736	0.62	Malpighian tubule	3R:+:26180068-26180109	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_48598	LFTEAIQLNPK	AGAP009119-PA	-	54	4.30E-05	1	1273.714	-0.56	Head	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_50498	EPTEEEFDQANDLR	AGAP009119-PA	-	69	7.97E-07	2	1692.737	1.42	Head	3R:+:26180068-26180109	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_53865	ALEINPDSATAYK	AGAP009119-PA	-	38	0.002598463	2	1392.706	4.13	Larva	3R:+:26180275-26180313	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_55475	AQAAAAYSEQKYDEAVK	AGAP009119-PA	-	143	8.44E-14	1	1842.889	1.32	Salivary gland	3R:+:26180110-26180160	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_75067	SALYYAK	AGAP009119-PA	-	43	0.000444762	1	815.431	0.98	Malpighian tubule	3R:+:26180194-26180214	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_76752	MECPINPAELQK	AGAP009119-PA	N-Term(Acetyl), M1(Oxidation), C3(Carbamidomethyl)	55	3.81E-05	2	1487.689	1.55	Salivary gland	3R:+:26179708-26179743	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_80455	EPTEEEFDQANDLR	AGAP009119-PA	-	91	5.04E-09	1	1692.734	-0.46	Ovary	3R:+:26180068-26180109	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_81814	LFTEAIQLNPK	AGAP009119-PA	-	77	1.74E-07	1	1273.715	-0.47	Visceras	3R:+:26180161-26180193	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_82648	ALEINPDSATAYK	AGAP009119-PA	-	92	9.74E-09	1	1392.702	0.71	Salivary gland	3R:+:26180275-26180313	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_83733	LDFDEEADEWLKEVTPNAK	AGAP009119-PA	-	67	2.91E-06	1	2249.058	-1.44	Salivary gland	3R:+:26180386-26180442	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_85149	VPEGQPDLAGMMGGQK	AGAP009119-PA	M11(Oxidation), M12(Oxidation)	47	0.000181019	1	1646.752	0.3	Salivary gland	3R:+:26179843-26179890	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_85168	SALYYAK	AGAP009119-PA	-	36	0.002436754	1	815.429	-0.73	Male reproductive organs	3R:+:26180194-26180214	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_90606	IMSVLMK	AGAP009119-PA	M2(Oxidation), M6(Oxidation)	39	0.001046617	2	853.453	0.53	Ovary	3R:+:26180728-26180748	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_94029	AQAAAAYSEQK	AGAP009119-PA	-	89	1.98E-08	1	1137.554	0.1	Ovary	3R:+:26180110-26180142	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_97632	MECPINPAELQK	AGAP009119-PA	N-Term(Acetyl), M1(Oxidation), C3(Carbamidomethyl)	77	2.02E-07	1	1487.689	1.14	Ovary	3R:+:26179708-26179743	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_97740	SALYYAK	AGAP009119-PA	-	43	0.000471116	1	815.430	-0.29	Ovary	3R:+:26180194-26180214	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_99936	SFIESLGGK	AGAP009119-PA	-	65	3.42E-06	1	937.499	0.5	Malpighian tubule	3R:+:26179816-26179842	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_103846	ALEINPDSATAYKFR	AGAP009119-PA	-	92	8.74E-09	1	1695.869	-0.84	Malpighian tubule	3R:+:26180275-26180319	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_109520	LQKPNACIR	AGAP009119-PA	C7(Carbamidomethyl)	45	0.000246883	1	1099.604	-0.3	Malpighian tubule	3R:+:26180236-26180262	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_109797	VPEGQPDLAGMMGGQK	AGAP009119-PA	M11(Oxidation), M12(Oxidation)	50	8.87E-05	2	1646.752	0.6	Malpighian tubule	3R:+:26179843-26179890	exon=> In CDS Exon 1 of transcript AGAP009119-PA
JHU_Ag_114032	AQAAAAYSEQKYDEAVK	AGAP009119-PA	-	131	1.25E-12	1	1842.883	-1.86	Male reproductive organs	3R:+:26180110-26180160	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_114784	AQAAAAYSEQKYDEAVK	AGAP009119-PA	-	94	5.65E-09	1	1842.888	0.42	Malpighian tubule	3R:+:26180110-26180160	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_117261	KAAEEGAGADGAPNAGGMPFGGGGGFGTEELLNAFR	AGAP009119-PA	M18(Oxidation)	199	1.52E-19	1	3396.567	3.33	Ovary	3R:+:26180542-26180649	exon=> In CDS Exon 2 of transcript AGAP009119-PA
JHU_Ag_42908	QVISVASSTVHPDYQGGVNPTDIAVMR	AGAP009121-PA	M26(Oxidation)	197	2.58E-19	1	2857.425	3.46	Larva	3R:+:26186990-26187070	exon=> In CDS Exon 2 of transcript AGAP009121-PA
JHU_Ag_43708	VTKPIIPFEECR	AGAP009121-PA	C11(Carbamidomethyl)	74	5.92E-07	1	1488.793	3.31	Larva	3R:+:26187215-26187250	exon=> In CDS Exon 2 of transcript AGAP009121-PA

JHU_Ag_44692	VVGGIDALPGEFPSIVSIQR	AGAP009121-PA	-	111	2.79E-11	1	2054.135	3.47	Larva	3R:+:26186774-26186833	exon=> In CDS Exon 2 of transcript AGAP009121-PA
JHU_Ag_44853	LAAPLTFTPR	AGAP009121-PA	-	49	0.000123211	2	1086.636	4.61	Larva	3R:+:26187071-26187100	exon=> In CDS Exon 2 of transcript AGAP009121-PA
JHU_Ag_17225	YITPIVLPAIDTIPDGIVK	AGAP009122-PA	-	95	2.83E-10	1	2038.195	5.79	Larva	3R:-:26188645-26188589	exon=> In CDS Exon 2 of transcript AGAP009122-PA
JHU_Ag_65758	YTMHPQYDGSASPFNIAIVR	AGAP009122-PA	M3(Oxidation)	90	1.41E-08	1	2283.083	-1.42	Larva	3R:-:26188732-26188673	exon=> In CDS Exon 2 of transcript AGAP009122-PA
JHU_Ag_100910	VLLNNFEPSEQTINVLR	AGAP009122-PA	-	119	1.01E-11	1	1986.073	3.59	Larva	3R:-:26188783-26188733	exon=> In CDS Exon 2 of transcript AGAP009122-PA
JHU_Ag_101639	ALPGEFPSMVSIQR	AGAP009122-PA	M9(Oxidation)	74	6.26E-07	1	1547.798	5.69	Larva	3R:-:26188948-26188907	exon=> In CDS Exon 2 of transcript AGAP009122-PA
JHU_Ag_105524	ASHVCGGSVLNQFHVLTAAECFFSNPNSR	AGAP009122-PA	C5(Carbamidomethyl), C21(Carbamidomethyl)	194	5.33E-19	1	3206.500	3.16	Larva	3R:-:26188891-26188805	exon=> In CDS Exon 2 of transcript AGAP009122-PA
JHU_Ag_106820	KLLLAEQK	AGAP009129-PA	-	30	0.002575965	1	942.592	-7.16	Larva	3R:-:26437479-26437791,26436783-26437377	exon=> In CDS Exon 3 and 2 of transcript AGAP009129-PA
JHU_Ag_111288	NEILIQADLQR	AGAP009129-PA	Q6(Deamidated), Q10(Deamidated)	39	0.001733212	2	1314.698	6.09	Malpighian tubule	3R:-:26436254-26436222	exon=> In CDS Exon 4 of transcript AGAP009129-PA
JHU_Ag_36231	ILQLLK	AGAP009129-PA,AGAP008541-PA	-	20	0.003027759	1	727.508	0.09	Male reproductive organs	3R:-:26436137-26436120;3R:-:12312297-12312280	exon=> In CDS Exon 4 of transcript AGAP009129-PA;exon=> In CDS Exon 3 of transcript AGAP008541-PA
JHU_Ag_58666	AVQELQEEVEK	AGAP009133-PA	-	79	1.96E-07	2	1301.659	0.82	Visceras	3R:+:26472585-26472617	exon=> In CDS Exon 2 of transcript AGAP009133-PA
JHU_Ag_98993	KLPAYEFALSQVLR	AGAP009133-PA	-	27	0.005192757	1	1634.928	0.91	Visceras	3R:+:26472955-26472996	exon=> In CDS Exon 3 of transcript AGAP009133-PA
JHU_Ag_43578	ALSPVYEQPDPEQYDR	AGAP009134-PA	-	51	0.000104619	2	1906.881	-0.6	Head	3R:-:26473986-26473939	exon=> In CDS Exon 3 of transcript AGAP009134-PA
JHU_Ag_47032	ALSPVYEQPDPEQYDR	AGAP009134-PA	-	74	5.48E-07	1	1906.887	2.92	Malpighian tubule	3R:-:26473986-26473939	exon=> In CDS Exon 3 of transcript AGAP009134-PA
JHU_Ag_58354	ALSPVYEQPDPEQYDR	AGAP009134-PA	-	70	1.40E-06	1	1906.881	-0.6	Male reproductive organs	3R:-:26473986-26473939	exon=> In CDS Exon 3 of transcript AGAP009134-PA
JHU_Ag_63362	SWETLANIPSFYTFNHR	AGAP009134-PA	-	47	0.000380886	1	2083.011	3.84	Head	3R:-:26474043-26473993	exon=> In CDS Exon 3 of transcript AGAP009134-PA
JHU_Ag_77290	SWETLANIPSFYTFNHR	AGAP009134-PA	-	52	9.69E-05	1	2083.003	-0.29	Midgut	3R:-:26474043-26473993	exon=> In CDS Exon 3 of transcript AGAP009134-PA
JHU_Ag_96145	SWETLANIPSFYTFNHR	AGAP009134-PA	-	46	0.0004215	1	2083.010	3.05	Malpighian tubule	3R:-:26474043-26473993	exon=> In CDS Exon 3 of transcript AGAP009134-PA
JHU_Ag_1707	TGAYSIPVLEQVDPTKDYIQALIIVPTR	AGAP009135-PA	-	71	1.91E-07	1	3100.699	1.88	Salivary gland	3R:+:26482371-26482454	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_1792	MLVLDEADKLLSQDFK	AGAP009135-PA	M1(Oxidation)	60	1.26E-05	2	1880.974	3.48	Larva	3R:+:26483011-26483058	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_3702	LQINQSIIFCNSTQR	AGAP009135-PA	C10(Carbamidomethyl)	100	1.38E-09	1	1821.928	0.14	Ovary	3R:+:26483281-26483325	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_3721	QILLFSATFPLSVK	AGAP009135-PA	-	79	3.15E-08	1	1563.920	3.3	Head	3R:+:26483101-26483142	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_6364	MAETYLHR	AGAP009135-PA	M1(Oxidation)	61	1.00E-05	2	1036.487	-1.41	Ovary	3R:+:26483527-26483550	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_12457	GWEKPSPIQEAAIPIALVGK	AGAP009135-PA	-	84	1.03E-08	1	2104.178	-0.93	Head	3R:+:26482275-26482334	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_13981	LQINQSIIFCNSTQRVELLAK	AGAP009135-PA	C10(Carbamidomethyl)	63	3.32E-06	1	2475.341	0.74	Malpighian tubule	3R:+:26483281-26483343	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_14633	GNEFEEFCLK	AGAP009135-PA	C8(Carbamidomethyl)	73	2.37E-07	1	1272.558	1.14	Ovary	3R:+:26482215-26482244	exon=> In CDS Exon 2 of transcript AGAP009135-PA

JHU_Ag_17616	MAETYLHR	AGAP009135-PA	M1(Oxidation)	63	8.29E-06	2	1020.493	-0.07	Malpighian tubule	3R:+:26483527-26483550	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_20832	TGAYSIPVLEQVDPTK	AGAP009135-PA	-	103	7.29E-10	1	1717.900	-0.4	Ovary	3R:+:26482371-26482418	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_21300	GWEKPSPIQEAAIPIALVGKDILAR	AGAP009135-PA	-	138	2.04E-14	1	2672.522	3.12	Malpighian tubule	3R:+:26482275-26482349	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_21632	ELGTEIKPIPK	AGAP009135-PA	-	52	1.45E-05	1	1224.719	-0.88	Male reproductive organs	3R:+:26483854-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_23065	VQVIIATPGR	AGAP009135-PA	-	67	4.78E-07	1	1053.642	0.78	Ovary	3R:+:26482575-26482575,26482934-26482962	exon=> In CDS Exon 2 and 3 of transcript AGAP009135-PA
JHU_Ag_24528	TGAYSIPVLEQVDPTK	AGAP009135-PA	-	61	1.15E-05	2	1717.903	1.09	Head	3R:+:26482371-26482418	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_24623	TGAYSIPVLEQVDPTKDYIQALIIVPTR	AGAP009135-PA	-	118	4.84E-12	1	3100.692	-0.48	Ovary	3R:+:26482371-26482454	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_29341	GVTQYYAFVQER	AGAP009135-PA	-	71	1.12E-06	2	1460.716	-0.7	Head	3R:+:26483209-26483244	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_31017	ELGTEIKPIPK	AGAP009135-PA	-	67	3.75E-07	1	1224.720	-0.19	Malpighian tubule	3R:+:26483854-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_31369	TSDVTDTR	AGAP009135-PA	-	59	1.08E-05	2	894.417	0.43	Ovary	3R:+:26482063-26482068,26482197-26482214	exon=> In CDS Exon 1 and 2 of transcript AGAP009135-PA
JHU_Ag_35769	MLVLDEADKLLSQDFK	AGAP009135-PA	M1(Oxidation)	129	1.75E-12	1	1880.968	0.5	Ovary	3R:+:26483011-26483058	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_36114	GMLDHVIMR	AGAP009135-PA	M2(Oxidation), M8(Oxidation)	53	6.65E-05	1	1103.534	0.27	Ovary	3R:+:26483059-26483085	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_36149	MLVLDEADK	AGAP009135-PA	M1(Oxidation)	44	0.000750674	2	1049.519	0.3	Ovary	3R:+:26483011-26483037	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_37693	MLVLDEADKLLSQDFK	AGAP009135-PA	M1(Oxidation)	97	2.48E-09	2	1880.968	0.37	Midgut	3R:+:26483011-26483058	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_43935	ELGTEIKPIPK	AGAP009135-PA	-	60	1.91E-06	1	1224.718	-1.18	Ovary	3R:+:26483854-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_44250	FGHLGIAINLITYEDR	AGAP009135-PA	-	59	1.16E-05	1	1831.988	9.91	Ovary	3R:+:26483569-26483581,26483795-26483829	exon=> In CDS Exon 3 and 4 of transcript AGAP009135-PA
JHU_Ag_44621	DYIQALIIVPTR	AGAP009135-PA	-	66	1.21E-06	1	1401.810	0.28	Ovary	3R:+:26482419-26482454	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_46624	VMVTTGGTNLK	AGAP009135-PA	M2(Oxidation)	90	1.53E-08	1	1136.599	0.45	Ovary	3R:+:26482515-26482547	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_46885	GWEKPSPIQEAAIPIALVGK	AGAP009135-PA	-	80	2.24E-08	1	2104.177	-1.63	Ovary	3R:+:26482275-26482334	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_47465	VQVIIATPGR	AGAP009135-PA	-	69	3.16E-07	2	1053.640	-1.54	Male reproductive organs	3R:+:26482575-26482575,26482934-26482962	exon=> In CDS Exon 2 and 3 of transcript AGAP009135-PA
JHU_Ag_48181	VIDPALYVPRPDDPNSTQEEQNVSK	AGAP009135-PA	Q18(Deamidated),Q21(Deamidated),N15(Deamidated),N22(Deamidated)	98	1.84E-09	1	2811.387	2.5	Head	3R:+:26483887-26483961	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_50568	GIDVQAVNVVINFDFPK	AGAP009135-PA	-	132	6.41E-13	1	1875.005	1.8	Ovary	3R:+:26483476-26483526	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_51310	GWEKPSPIQEAAIPIALVGK	AGAP009135-PA	-	29	0.002748084	3	2104.185	2.46	Visceras	3R:+:26482275-26482334	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_52403	ELGTEIKPIPK	AGAP009135-PA	-	32	0.001176939	2	1224.719	-0.39	Pupa	3R:+:26483854-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_53651	VIDPALYVPRPDDPNSTQEEQNVSK	AGAP009135-PA	-	103	6.64E-10	1	2811.392	4.39	Visceras	3R:+:26483887-26483961	exon=> In CDS Exon 4 of transcript AGAP009135-PA

JHU_Ag_54380	QILLFSATFPLSVK	AGAP009135-PA	-	88	3.76E-09	1	1563.919	2.6	Ovary	3R:+:26483101-26483142	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_54559	GWEKPSPIQEAAIPIALVGK	AGAP009135-PA	-	37	0.000364779	1	2104.185	2.37	Malpighian tubule	3R:+:26482275-26482334	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_54758	IEKELGTEIKPIPK	AGAP009135-PA	-	85	3.32E-09	1	1594.941	-0.4	Malpighian tubule	3R:+:26483845-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_55429	QILLFSATFPLSVK	AGAP009135-PA	-	44	8.47E-05	2	1563.919	2.76	Malpighian tubule	3R:+:26483101-26483142	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_55804	VIDPALYVPRPDDPNSTQEEQNVSK	AGAP009135-PA	-	120	1.10E-11	1	2811.378	-0.43	Ovary	3R:+:26483887-26483961	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_55937	QILLFSATFPLSVKNFMEK	AGAP009135-PA	M17(Oxidation)	55	2.49E-05	1	2229.204	2.19	Malpighian tubule	3R:+:26483101-26483157	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_60775	GVTQYYAFVQER	AGAP009135-PA	-	78	2.46E-07	1	1460.719	1.39	Visceras	3R:+:26483209-26483244	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_61020	VQVIIATPGR	AGAP009135-PA	-	61	1.87E-06	1	1053.642	0.55	Malpighian tubule	3R:+:26482575-26482575,26482934-26482962	exon=> In CDS Exon 2 and 3 of transcript AGAP009135-PA
JHU_Ag_61304	MAETYLHR	AGAP009135-PA	M1(Oxidation)	49	0.000168442	2	1036.487	-1.41	Midgut	3R:+:26483527-26483550	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_61592	MLVLDEADKLLSQDFK	AGAP009135-PA	M1(Oxidation)	59	1.60E-05	1	1880.971	1.69	Malpighian tubule	3R:+:26483011-26483058	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_61755	KITELGYCCYYIHAR	AGAP009135-PA	C8(Carbamidomethyl), C9(Carbamidomethyl)	115	5.86E-11	1	1946.930	2.3	Ovary	3R:+:26483344-26483388	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_63499	TSDVTDTRGNEFEEFCLK	AGAP009135-PA	C16(Carbamidomethyl)	83	4.64E-08	1	2147.970	6.95	Ovary	3R:+:26482063-26482068,26482197-26482244	exon=> In CDS Exon 1 and 2 of transcript AGAP009135-PA
JHU_Ag_64118	NLVCSDLFTR	AGAP009135-PA	C4(Carbamidomethyl)	73	7.21E-07	1	1224.608	2.98	Ovary	3R:+:26483446-26483475	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_64124	QILLFSATFPLSVK	AGAP009135-PA	-	44	8.98E-05	2	1563.915	0.49	Salivary gland	3R:+:26483101-26483142	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_64281	DYIQALIIVPTR	AGAP009135-PA	-	42	0.000272564	2	1401.810	-0.42	Head	3R:+:26482419-26482454	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_65774	ELGTEIKPIPK	AGAP009135-PA	-	36	0.000492894	2	1224.719	-0.39	Head	3R:+:26483854-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_66702	RPLLMGIFEK	AGAP009135-PA	M5(Oxidation)	70	7.42E-07	1	1219.686	-0.7	Ovary	3R:+:26482245-26482274	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_73531	HLRDPYEINLMEELTLK	AGAP009135-PA	M11(Oxidation)	68	1.64E-06	1	2130.105	6.79	Ovary	3R:+:26483158-26483208	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_74636	TGAYSIPVLEQVDPTK	AGAP009135-PA	-	47	0.000224856	2	1717.910	5.14	Malpighian tubule	3R:+:26482371-26482418	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_76595	ELALQTSQICIELAK	AGAP009135-PA	C10(Carbamidomethyl)	33	0.0046401	2	1716.924	2.33	Head	3R:+:26482455-26482499	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_77478	VHCLNTLFSK	AGAP009135-PA	C3(Carbamidomethyl)	83	8.97E-08	1	1218.629	-1.05	Ovary	3R:+:26483251-26483280	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_78684	GVTQYYAFVQER	AGAP009135-PA	-	65	4.91E-06	2	1460.719	1.72	Pupa	3R:+:26483209-26483244	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_81137	KITELGYCCYYIHAR	AGAP009135-PA	C8(Carbamidomethyl), C9(Carbamidomethyl)	90	1.52E-08	1	1946.923	-1.09	Malpighian tubule	3R:+:26483344-26483388	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_81294	NLVCSDLFTR	AGAP009135-PA	C4(Carbamidomethyl)	64	6.31E-06	1	1224.605	0.89	Malpighian tubule	3R:+:26483446-26483475	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_84377	IEKELGTEIKPIPK	AGAP009135-PA	-	60	9.10E-07	1	1594.943	1.21	Ovary	3R:+:26483845-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_85868	VQVIIATPGR	AGAP009135-PA	-	44	8.41E-05	2	1053.640	-1.42	Visceras	3R:+:26482575-26482575,26482934-26482962	exon=> In CDS Exon 2 and 3 of transcript AGAP009135-PA

JHU_Ag_88983	IEKELGTEIKPIPK	AGAP009135-PA	-	92	7.00E-10	1	1594.941	-0.04	Male reproductive organs	3R:+:26483845-26483886	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_89178	VFHDFR	AGAP009135-PA	-	39	0.002081674	2	820.412	2.38	Ovary	3R:+:26483413-26483430	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_89291	ILDLMDKEVANMSQCR	AGAP009135-PA	M5(Oxidation), M12(Oxidation), C15(Carbamidomethyl)	93	6.02E-09	1	1954.903	-0.02	Ovary	3R:+:26482963-26483010	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_89733	VIDPALYVPRPDDPNSTQEEQNVSK	AGAP009135-PA	-	64	4.83E-06	1	2811.382	0.81	Male reproductive organs	3R:+:26483887-26483961	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_92682	MLVLDEADKLLSQDFK	AGAP009135-PA	-	111	9.74E-11	1	1864.976	2.03	Viscera	3R:+:26483011-26483058	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_94952	ELALQTSQICIELAK	AGAP009135-PA	C10(Carbamidomethyl)	118	1.55E-11	2	1716.926	3.68	Ovary	3R:+:26482455-26482499	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_95043	VIDPALYVPRPDDPNSTQEEQNVSK	AGAP009135-PA	-	119	1.69E-11	1	2811.385	1.91	Malpighian tubule	3R:+:26483887-26483961	exon=> In CDS Exon 4 of transcript AGAP009135-PA
JHU_Ag_95823	GIDVQAVNVVINFDFPK	AGAP009135-PA	-	43	0.00054099	2	1875.007	2.98	Head	3R:+:26483476-26483526	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_96982	DPYEINLMEELTLK	AGAP009135-PA	M8(Oxidation)	135	6.08E-13	1	1723.846	-0.26	Ovary	3R:+:26483167-26483208	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_97310	HLRDPYEINLMEELTLK	AGAP009135-PA	-	102	7.69E-10	1	2114.096	0.4	Malpighian tubule	3R:+:26483158-26483208	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_97470	QILLFSATFPLSVK	AGAP009135-PA	-	76	5.59E-08	2	1563.913	-0.83	Midgut	3R:+:26483101-26483142	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_97675	GVTQYYAFVQER	AGAP009135-PA	-	88	2.75E-08	1	1460.722	3.64	Ovary	3R:+:26483209-26483244	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_99928	GNEFEEFCLK	AGAP009135-PA	C8(Carbamidomethyl)	63	2.51E-06	1	1272.562	3.93	Head	3R:+:26482215-26482244	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_102606	GVTQYYAFVQER	AGAP009135-PA	-	85	5.35E-08	2	1460.715	-1.54	Midgut	3R:+:26483209-26483244	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_103575	ITELGYCCYYIHAR	AGAP009135-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	103	5.83E-10	1	1818.837	3.51	Ovary	3R:+:26483347-26483388	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_105771	VMVTTGGTNLKDDIMR	AGAP009135-PA	M2(Oxidation), M15(Oxidation)	117	2.80E-11	1	1782.872	-0.38	Ovary	3R:+:26482515-26482562	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_108414	GWEKPSPIQEAAIPIALVGK	AGAP009135-PA	-	43	0.00011122	1	2104.181	0.55	Male reproductive organs	3R:+:26482275-26482334	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_108730	GVTQYYAFVQER	AGAP009135-PA	-	68	2.80E-06	2	1460.719	1.39	Malpighian tubule	3R:+:26483209-26483244	exon=> In CDS Exon 3 of transcript AGAP009135-PA
JHU_Ag_111955	GWEKPSPIQEAAIPIALVGKDILAR	AGAP009135-PA	-	68	1.85E-07	1	2672.523	3.39	Ovary	3R:+:26482275-26482349	exon=> In CDS Exon 2 of transcript AGAP009135-PA
JHU_Ag_112795	FGHLGIAINLITYEDRFDLHR	AGAP009135-PA	-	47	0.000165256	1	2500.318	3.25	Malpighian tubule	3R:+:26483569-26483581,26483795-26483844	exon=> In CDS Exon 3 and 4 of transcript AGAP009135-PA
JHU_Ag_117107	FGHLGIAINLITYEDRFDLHR	AGAP009135-PA	-	65	3.16E-06	1	2500.308	-0.82	Ovary	3R:+:26483569-26483581,26483795-26483844	exon=> In CDS Exon 3 and 4 of transcript AGAP009135-PA
JHU_Ag_52526	EAVQLQAPIPHVVVGNQIR	AGAP009141-PA	-	58	4.02E-06	1	2068.177	5.08	Malpighian tubule	3R:-:27389313-27389257	exon=> In CDS Exon 2 of transcript AGAP009141-PA
JHU_Ag_27452	EEAETACDNLNGQDILGSK	AGAP009142-PA	C7(Carbamidomethyl)	108	1.61E-10	1	2063.920	0.61	Head	3R:+:27397931-27397987	exon=> In CDS Exon 1 of transcript AGAP009142-PA
JHU_Ag_33233	LRVEISK	AGAP009142-PA	-	30	0.010315326	1	844.523	-2.88	Head	3R:+:27397988-27398008	exon=> In CDS Exon 1 of transcript AGAP009142-PA
JHU_Ag_64562	VYVGNLTDKVK	AGAP009142-PA	-	29	0.006555491	2	1235.700	0.83	Head	3R:+:27397796-27397828	exon=> In CDS Exon 1 of transcript AGAP009142-PA
JHU_Ag_81090	NGGSGGGSIGGSGGGSSFR	AGAP009142-PA	N1(Deamidated)	66	2.20E-06	2	1554.693	2.14	Malpighian tubule	3R:+:27398063-27398119	exon=> In CDS Exon 1 of transcript AGAP009142-PA

JHU_Ag_95982	NGGSGGGSIGGSGGGSSFR	AGAP009142-PA	-	49	0.000110102	1	1554.689	-0.06	Head	3R:+:27398063-27398119	exon=> In CDS Exon 1 of transcript AGAP009142-PA
JHU_Ag_6827	YLGESGELYLR	AGAP009143-PA	-	32	0.006631045	1	1299.656	-1.77	Midgut	3R:+:27422683-27422715	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_20631	FGVLAER	AGAP009143-PA	-	54	4.36E-05	2	791.441	0.34	Midgut	3R:+:27421801-27421821	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_24149	NKPLEEFRPLPVR	AGAP009143-PA	-	28	0.00445964	1	1594.908	1.03	Midgut	3R:+:27420562-27420600	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_29248	HDAAFSFR	AGAP009143-PA	-	39	0.002097449	2	950.449	1.6	Midgut	3R:+:27419377-27419400	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_30054	YEVGSQLSDQSK	AGAP009143-PA	-	61	1.12E-05	2	1340.630	-2.21	Midgut	3R:+:27420883-27420918	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_47226	IAVVLNPILNLDGR	AGAP009143-PA	-	53	4.44E-06	1	1506.900	-0.49	Midgut	3R:+:27420469-27420510	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_53658	VQGSIIK	AGAP009143-PA	Q2(Deamidated)	38	0.003025889	1	745.447	1.76	Ovary	3R:+:27422074-27422094	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_112833	NVISNNQQDYDLIAGVK	AGAP009143-PA	-	87	3.65E-08	1	1890.955	-0.47	Midgut	3R:+:27423421-27423471	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_116183	SQVHVHETTISNNR	AGAP009143-PA	-	38	0.00340746	1	1621.813	5.17	Larva	3R:+:27419995-27420036	exon=> In CDS Exon 3 of transcript AGAP009143-PA
JHU_Ag_8670	QLYQYVAGQLEQK	AGAP009146-PA	-	41	0.001104769	2	1567.805	-4.33	Pupa	3R:+:27505665-27505703	exon=> In CDS Exon 2 of transcript AGAP009146-PA
JHU_Ag_117763	GALPPK	AGAP009151-PA	-	31	0.000577981	1	582.360	-0.92	Head	3R:-:27686015-27685998	exon=> In CDS Exon 5 of transcript AGAP009151-PA
JHU_Ag_106865	RALEAVR	AGAP009151-PA,AGAP002364-PA,AGAP002364-PB	-	36	0.002676375	2	814.485	-5.6	Head	3R:-:27686165-27686145;2R:-:20648157-20648137;2R:-:20648157-20648137	exon=> In CDS Exon 5 of transcript AGAP009151-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PA;exon=> In CDS Exon 4 of transcript AGAP002364-PB
JHU_Ag_15477	ASHTAPQVLFSHR	AGAP009154-PA	-	89	1.79E-08	1	1450.757	1.12	Head	3R:+:27695296-27695334	exon=> In CDS Exon 4 of transcript AGAP009154-PA
JHU_Ag_18391	VGENIGYVTFVLFPR	AGAP009154-PA	-	99	9.98E-10	1	1710.922	0.5	Head	3R:+:27695371-27695401,27695511-27695524	exon=> In CDS Exon 4 and 5 of transcript AGAP009154-PA
JHU_Ag_22779	VTVVFSTIFR	AGAP009154-PA	-	47	0.00010368	1	1168.674	1.16	Ovary	3R:+:27695206-27695235	exon=> In CDS Exon 4 of transcript AGAP009154-PA
JHU_Ag_25034	YFDFQSQGEGEGEGQK	AGAP009154-PA	-	109	4.75E-11	1	1805.766	2.65	Head	3R:+:27694916-27694963	exon=> In CDS Exon 3 of transcript AGAP009154-PA
JHU_Ag_27012	VGENIGYVTFVLFPR	AGAP009154-PA	-	95	2.23E-09	2	1710.931	5.56	Salivary gland	3R:+:27695371-27695401,27695511-27695524	exon=> In CDS Exon 4 and 5 of transcript AGAP009154-PA
JHU_Ag_35736	VFMQELR	AGAP009154-PA	M3(Oxidation)	40	0.001317176	2	938.476	-0.69	Ovary	3R:+:27695263-27695283	exon=> In CDS Exon 4 of transcript AGAP009154-PA
JHU_Ag_36812	DNTINLIHMFR	AGAP009154-PA	M9(Oxidation)	46	0.000439086	2	1389.695	0.16	Midgut	3R:+:27695546-27695578	exon=> In CDS Exon 5 of transcript AGAP009154-PA
JHU_Ag_43007	ASHTAPQVLFSHREPPLELANTGAR	AGAP009154-PA	-	108	1.16E-10	1	2699.422	7.48	Ovary	3R:+:27695296-27695370	exon=> In CDS Exon 4 of transcript AGAP009154-PA
JHU_Ag_51260	VGENIGYVTFVLFPR	AGAP009154-PA	-	88	1.34E-08	1	1710.922	0.28	Ovary	3R:+:27695371-27695401,27695511-27695524	exon=> In CDS Exon 4 and 5 of transcript AGAP009154-PA
JHU_Ag_52799	VGENIGYVTFVLFPR	AGAP009154-PA	-	43	0.000365867	2	1710.932	6.13	Malpighian tubule	3R:+:27695371-27695401,27695511-27695524	exon=> In CDS Exon 4 and 5 of transcript AGAP009154-PA
JHU_Ag_57133	RNCFASVFEK	AGAP009154-PA	C3(Carbamidomethyl)	39	0.001392533	1	1257.605	0.59	Head	3R:+:27694886-27694915	exon=> In CDS Exon 3 of transcript AGAP009154-PA

JHU_Ag_57308	YFDFQSQGEGEGEGQKR	AGAP009154-PA	-	38	0.001298345	1	1961.865	1.2	Malpighian tubule	3R:+:27694916-27694966	exon=> In CDS Exon 3 of transcript AGAP009154-PA
JHU_Ag_59730	ASHTAPQVLFSHR	AGAP009154-PA	-	86	3.48E-08	1	1450.753	-1.69	Ovary	3R:+:27695296-27695334	exon=> In CDS Exon 4 of transcript AGAP009154-PA
JHU_Ag_66169	ASHTAPQVLFSHREPPLELANTGAR	AGAP009154-PA	-	127	1.67E-12	1	2699.410	3.32	Malpighian tubule	3R:+:27695296-27695370	exon=> In CDS Exon 4 of transcript AGAP009154-PA
JHU_Ag_66971	VGENIGYVTFVLFPR	AGAP009154-PA	-	78	1.35E-07	2	1710.920	-0.93	Midgut	3R:+:27695371-27695401,27695511-27695524	exon=> In CDS Exon 4 and 5 of transcript AGAP009154-PA
JHU_Ag_90169	YFDFQSQGEGEGEGQK	AGAP009154-PA	-	98	5.74E-10	2	1805.756	-2.82	Midgut	3R:+:27694916-27694963	exon=> In CDS Exon 3 of transcript AGAP009154-PA
JHU_Ag_106555	NDETMYVEAKPDR	AGAP009154-PA	-	88	1.59E-08	1	1567.702	-2.67	Midgut	3R:+:27694985-27694998,27695181-27695205	exon=> In CDS Exon 3 and 4 of transcript AGAP009154-PA
JHU_Ag_108435	MILLEINNR	AGAP009154-PA	M1(Oxidation)	51	9.34E-05	1	1131.620	0.39	Ovary	3R:+:27692413-27692439	exon=> In CDS Exon 1 of transcript AGAP009154-PA
JHU_Ag_9872	VVTPELTDFTDVSPR	AGAP009156-PA	-	93	8.93E-09	2	1675.853	-0.37	Midgut	3R:+:27707552-27707596	exon=> In CDS Exon 2 of transcript AGAP009156-PA
JHU_Ag_11443	VVTPELTDFTDVSPR	AGAP009156-PA	-	95	5.60E-09	2	1675.856	1.52	Head	3R:+:27707552-27707596	exon=> In CDS Exon 2 of transcript AGAP009156-PA
JHU_Ag_97817	IPYDASNFESLYR	AGAP009156-PA	-	98	2.42E-09	1	1574.747	-1.09	Male reproductive organs	3R:+:27707087-27707125	exon=> In CDS Exon 2 of transcript AGAP009156-PA
JHU_Ag_104849	VVTPELTDFTDVSPR	AGAP009156-PA	-	111	1.19E-10	1	1675.855	0.57	Male reproductive organs	3R:+:27707552-27707596	exon=> In CDS Exon 2 of transcript AGAP009156-PA
JHU_Ag_2059	IKDIIK	AGAP009159-PA	-	43	0.000268778	1	729.487	0.65	Malpighian tubule	3R:-:27778066-27778049	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_5337	YNNYQVSPSDLECIIQR	AGAP009159-PA	C13(Carbamidomethyl)	79	1.61E-07	1	2098.988	0.86	Visceras	3R:-:27778048-27777998	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_11753	SVDELLEPIDGEECFR	AGAP009159-PA	C14(Carbamidomethyl)	97	2.21E-09	1	1907.871	0.74	Malpighian tubule	3R:-:27779000-27778953	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_20778	ADLSSVRQWQLGGSR	AGAP009159-PA	-	87	3.07E-08	1	1659.860	2.4	Malpighian tubule	3R:-:27778540-27778496	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_25797	SPDRVIQINADTGR	AGAP009159-PA	-	63	6.96E-06	1	1541.801	-1.42	Malpighian tubule	3R:-:27779381-27779340	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_28531	QWQLGGSRVPTEMTLR	AGAP009159-PA	M13(Oxidation)	39	0.001695359	1	1874.956	1.05	Malpighian tubule	3R:-:27778519-27778472	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_31020	YMFLGYLHNPEATANALTEDGFFR	AGAP009159-PA	M2(Oxidation)	129	1.82E-12	1	2777.309	2.03	Malpighian tubule	3R:-:27778273-27778795,27777760-27778121	exon=> In CDS Exon 3 and 2 of transcript AGAP009159-PA
JHU_Ag_31074	IVLDVLAR	AGAP009159-PA	-	64	8.75E-07	2	898.575	2.77	Visceras	3R:-:27779405-27779382	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_33559	VALHLR	AGAP009159-PA	-	34	0.00021231	2	708.453	1.86	Malpighian tubule	3R:-:27779300-27779283	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_34631	YMFLGYLHNPEATANALTEDGFFR	AGAP009159-PA	-	85	4.44E-08	1	2777.307	1.51	Visceras	3R:-:27778273-27778795,27777760-27778121	exon=> In CDS Exon 3 and 2 of transcript AGAP009159-PA
JHU_Ag_35317	YNNYQVSPSDLECIIQR	AGAP009159-PA	C13(Carbamidomethyl)	43	0.000673494	2	2098.989	1.09	Head	3R:-:27778048-27777998	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_40499	MQSHYNPTEQTWYGESLPSVLNPAAGIGR	AGAP009159-PA	N-Term(Acetyl), M1(Oxidation)	65	4.13E-06	2	3261.545	5.56	Malpighian tubule	3R:-:27779492-27779406	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_47102	NDVTVKPGSVGPLTTNVQCR	AGAP009159-PA	C19(Carbamidomethyl)	147	3.05E-14	1	2142.100	1.11	Malpighian tubule	3R:-:27778399-27778340	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_49746	VPTEMTLR	AGAP009159-PA	M5(Oxidation)	46	0.000490981	1	946.503	-0.01	Malpighian tubule	3R:-:27778495-27778472	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_51691	SIYGSSEIGFITR	AGAP009159-PA	-	71	1.17E-06	1	1429.738	3.93	Visceras	3R:-:27778438-27778400	exon=> In CDS Exon 2 of transcript AGAP009159-PA

JHU_Ag_53501	QVCVIGVPAPDGSSDLPMAVVERK	AGAP009159-PA	C3(Carbamidomethyl), M18(Oxidation)	82	7.60E-08	1	2540.292	2.77	Malpighian tubule	3R:-:27777982-27777911	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_54538	SGDIGYIDADGSLYVVDR	AGAP009159-PA	-	82	8.83E-08	1	1914.913	2.6	Malpighian tubule	3R:-:27778120-27778067	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_54651	LLPQGHTR	AGAP009159-PA	-	37	0.001245385	1	921.526	-0.9	Malpighian tubule	3R:-:27778462-27778439	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_54916	VALHLR	AGAP009159-PA	-	28	0.000724386	2	708.452	-0.04	Head	3R:-:27779300-27779283	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_56820	IENLFTPPSYVSTLLAHPR	AGAP009159-PA	-	41	0.000525872	1	2155.163	3.8	Head	3R:-:27778606-27778550	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_58543	ADFVHMMK	AGAP009159-PA	M6(Oxidation)	38	0.001666186	2	994.449	0.29	Malpighian tubule	3R:-:27779153-27779130	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_59103	VLTSKPYQPDLLLDLIETYR	AGAP009159-PA	-	74	1.68E-07	1	2377.306	2.03	Malpighian tubule	3R:-:27778666-27778607	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_59445	NDVTVKPGSVGPLTTNVQCR	AGAP009159-PA	C19(Carbamidomethyl)	133	6.85E-13	1	2142.104	3.13	Head	3R:-:27778399-27778340	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_60673	IVLDVLAR	AGAP009159-PA	-	52	1.43E-05	2	898.572	-0.42	Midgut	3R:-:27779405-27779382	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_62230	QVCVIGVPAPDGSSDLPMAVVER	AGAP009159-PA	C3(Carbamidomethyl), M18(Oxidation),C3(Carbamidomethyl)	76	3.48E-07	2	2412.197	2.87	Malpighian tubule	3R:-:27777982-27777914	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_68486	SVDELLEPIDGEECFR	AGAP009159-PA	C14(Carbamidomethyl)	45	0.000356007	2	1907.877	4.13	Midgut	3R:-:27779000-27778953	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_70767	IENLFTPPSYVSTLLAHPR	AGAP009159-PA	-	114	2.28E-11	1	2155.159	2.18	Malpighian tubule	3R:-:27778606-27778550	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_72783	IVLDVLAR	AGAP009159-PA	-	66	5.40E-07	2	898.572	-0.01	Malpighian tubule	3R:-:27779405-27779382	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_76136	EAVHEAITHGAQLFAMGPAAEGVHR	AGAP009159-PA	M16(Oxidation)	164	5.42E-16	1	2615.285	2.52	Malpighian tubule	3R:-:27779075-27779001	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_77655	VALHLRR	AGAP009159-PA	-	25	0.002128062	1	864.552	-0.65	Malpighian tubule	3R:-:27779300-27779280	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_77972	NDVTVKPGSVGPLTTNVQCR	AGAP009159-PA	C19(Carbamidomethyl)	62	8.72E-06	1	2142.098	0.48	Salivary gland	3R:-:27778399-27778340	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_81913	FVDSFPMTPSGK	AGAP009159-PA	M7(Oxidation)	78	2.37E-07	1	1328.620	0.83	Malpighian tubule	3R:-:27777805-27777770	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_87582	SIYGSSEIGFITR	AGAP009159-PA	-	52	8.30E-05	2	1429.733	0.43	Midgut	3R:-:27778438-27778400	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_88161	SIYGSSEIGFITR	AGAP009159-PA	-	118	2.49E-11	1	1429.737	3.33	Malpighian tubule	3R:-:27778438-27778400	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_88355	LLAMVLCSSGTTGLPK	AGAP009159-PA	M4(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	117	1.79E-11	1	1647.886	3.03	Malpighian tubule	3R:-:27778925-27778878	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_92433	YNNYQVSPSDLECIIQR	AGAP009159-PA	C13(Carbamidomethyl)	133	6.21E-13	1	2098.989	1.44	Malpighian tubule	3R:-:27778048-27777998	exon=> In CDS Exon 3 of transcript AGAP009159-PA
JHU_Ag_100578	HRYMFLGYLHNPEATANALTEDGFFR	AGAP009159-PA	M4(Oxidation)	88	2.47E-08	1	3086.470	4.05	Malpighian tubule	3R:-:27778279-27778795,27777760-27778121	exon=> In CDS Exon 3 and 2 of transcript AGAP009159-PA
JHU_Ag_106385	VIQINADTGR	AGAP009159-PA	-	67	2.60E-06	1	1086.591	0.52	Malpighian tubule	3R:-:27779369-27779340	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_109736	NDVTVKPGSVGPLTTNVQCR	AGAP009159-PA	C19(Carbamidomethyl)	85	4.78E-08	1	2142.104	2.94	Visceras	3R:-:27778399-27778340	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_112620	QWQLGGSR	AGAP009159-PA	-	59	2.04E-05	2	931.475	0.39	Malpighian tubule	3R:-:27778519-27778496	exon=> In CDS Exon 2 of transcript AGAP009159-PA
JHU_Ag_113540	VLDEDGQPVGVGVAGELVLR	AGAP009159-PA	-	114	3.48E-11	1	2022.087	0.06	Malpighian tubule	3R:-:27778339-27778280	exon=> In CDS Exon 2 of transcript AGAP009159-PA

JHU_Ag_114320	SVDELLEPIDGEECFRAEYLGDASK	AGAP009159-PA	C14(Carbamidomethyl)	72	7.87E-07	1	2842.317	2.68	Malpighian tubule	3R:-:27779000-27778926	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_115590	QTQSGLVFCDPANAGVVR	AGAP009159-PA	C9(Carbamidomethyl)	74	6.28E-07	1	1918.945	0.36	Midgut	3R:-:27779129-27779076	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_116560	IVLDVLAR	AGAP009159-PA	-	36	0.000651866	2	898.571	-0.9	Salivary gland	3R:-:27779405-27779382	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_116927	IVLDVLAR	AGAP009159-PA	-	47	4.48E-05	2	898.574	1.75	Ovary	3R:-:27779405-27779382	exon=> In CDS Exon 1 of transcript AGAP009159-PA
JHU_Ag_6532	LSTGSTITPTNSRPTTPQGTR	AGAP009160-PA	-	66	2.55E-06	1	2173.126	2.24	Head	3R:-:27786186-27786124	exon=> In CDS Exon 4 of transcript AGAP009160-PA
JHU_Ag_104228	EQQQQEKIK	AGAP009160-PA	Q2(Deamidated), Q4(Deamidated)	38	0.002400542	2	1160.585	5.15	Head	3R:-:27785541-27785515	exon=> In CDS Exon 6 of transcript AGAP009160-PA
JHU_Ag_1362	IGLKPAGGVR	AGAP009161-PA	-	33	0.000753931	1	967.604	-1.08	Ovary	3R:+:27936499-27936528	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_4934	ALTALGMVDR	AGAP009161-PA	M7(Oxidation)	47	0.000308685	2	1062.561	-0.64	Male reproductive organs	3R:+:27936005-27936034	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_14066	SVDLLTSALIK	AGAP009161-PA	-	87	7.47E-09	2	1159.691	-1.61	Male reproductive organs	3R:+:27935753-27935785	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_14608	SVDLLTSALIK	AGAP009161-PA	-	50	3.52E-05	2	1159.696	2.28	Pupa	3R:+:27935753-27935785	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_15338	VNLPSVVR	AGAP009161-PA	-	43	0.000141756	2	883.537	1.01	Pupa	3R:+:27935729-27935752	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_15802	AAYPFSNLAAHAR	AGAP009161-PA	-	61	1.25E-05	2	1388.706	-0.92	Male reproductive organs	3R:+:27935900-27935938	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_15872	ASMVAMMAGSDFIK	AGAP009161-PA	M3(Oxidation), M6(Oxidation), M7(Oxidation)	98	9.77E-10	1	1506.662	-1.01	Ovary	3R:+:27936361-27936402	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_35093	VTDAELLQYTLR	AGAP009161-PA	-	85	4.28E-08	1	1421.762	-1.41	Ovary	3R:+:27935789-27935824	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_38592	ETLGEEWLKPELFR	AGAP009161-PA	-	52	9.32E-05	1	1746.905	-0.55	Pupa	3R:+:27936568-27936609	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_41748	IQIASVATGFPSGSYPLETR	AGAP009161-PA	-	131	8.62E-13	1	2094.085	-0.8	Ovary	3R:+:27936035-27936094	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_42769	ETLGEEWLKPELFR	AGAP009161-PA	-	71	9.55E-07	1	1746.910	2.08	Ovary	3R:+:27936568-27936609	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_47494	IGLKPAGGVR	AGAP009161-PA	-	28	0.002897597	1	967.607	2.45	Male reproductive organs	3R:+:27936499-27936528	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_59328	ETLGEEWLKPELFR	AGAP009161-PA	-	98	2.40E-09	1	1746.907	0.4	Male reproductive organs	3R:+:27936568-27936609	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_61066	ASMVAMMAGSDFIK	AGAP009161-PA	M3(Oxidation), M6(Oxidation), M7(Oxidation)	68	9.92E-07	1	1506.664	0.44	Male reproductive organs	3R:+:27936361-27936402	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_72712	VTDAELLQYTLR	AGAP009161-PA	-	74	4.27E-07	2	1421.763	-0.2	Male reproductive organs	3R:+:27935789-27935824	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_73087	IQIASVATGFPSGSYPLETR	AGAP009161-PA	-	82	6.00E-08	1	2094.093	2.82	Pupa	3R:+:27936035-27936094	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_79098	VTDAELLQYTLR	AGAP009161-PA	-	92	6.94E-09	1	1421.766	1.77	Malpighian tubule	3R:+:27935789-27935824	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_90149	SVDLLTSALIK	AGAP009161-PA	-	84	1.35E-08	1	1159.693	-0.56	Ovary	3R:+:27935753-27935785	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_90579	IQIASVATGFPSGSYPLETR	AGAP009161-PA	-	72	5.75E-07	1	2094.094	3.4	Head	3R:+:27936035-27936094	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_91637	ALTALGMVDR	AGAP009161-PA	M7(Oxidation)	50	0.000158312	2	1062.562	0.39	Ovary	3R:+:27936005-27936034	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_103926	FGASGLLDDVEK	AGAP009161-PA	-	79	1.83E-07	2	1250.625	-1.07	Midgut	3R:+:27936610-27936645	exon=> In CDS Exon 2 of transcript AGAP009161-PA

JHU_Ag_107982	FGASGLLDDVEK	AGAP009161-PA	-	91	1.29E-08	2	1250.627	0.69	Ovary	3R:+:27936610-27936645	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_115468	ETLGEEWLKPELFR	AGAP009161-PA	-	49	0.000156293	1	1746.904	-1.18	Midgut	3R:+:27936568-27936609	exon=> In CDS Exon 2 of transcript AGAP009161-PA
JHU_Ag_116926	ALQLTDLTTLAGDDTESNVAR	AGAP009161-PA	-	143	6.40E-14	1	2204.105	0.26	Ovary	3R:+:27935825-27935887	exon=> In CDS Exon 1 of transcript AGAP009161-PA
JHU_Ag_41200	LEELNR	AGAP009162-PA	-	43	0.000724234	2	773.415	-0.66	Male reproductive organs	3R:-:27937549-27937532	exon=> In CDS Exon 1 of transcript AGAP009162-PA
JHU_Ag_103574	YIPSQKLINLK	AGAP009162-PA	-	26	0.005416938	1	1316.781	-9.26	Midgut	3R:-:27937768-27937736	exon=> In CDS Exon 1 of transcript AGAP009162-PA
JHU_Ag_12657	QVYLSLGSSVPNDR	AGAP009163-PA	-	77	3.38E-07	1	1534.787	0.72	Ovary	3R:-:27944726-27944685	exon=> In CDS Exon 1 of transcript AGAP009163-PA
JHU_Ag_43775	DSVLFYIGQDK	AGAP009163-PA	-	42	0.000783079	2	1284.649	1.75	Ovary	3R:-:27944900-27944868	exon=> In CDS Exon 1 of transcript AGAP009163-PA
JHU_Ag_14228	RDVLLR	AGAP009166-PA	-	29	0.009722901	1	771.482	-2.17	Head	3R:-:28045985-28045968	exon=> In CDS Exon 4 of transcript AGAP009166-PA
JHU_Ag_35018	LYVLLLDGVR	AGAP009166-PA	-	49	1.58E-05	2	1160.706	2.07	Male reproductive organs	3R:-:28046536-28046507	exon=> In CDS Exon 3 of transcript AGAP009166-PA
JHU_Ag_68717	TGSSSGIGSAGASGFGGGGGGGGDGIGGGSGGGGGSVDRR	AGAP009169-PA	-	131	8.34E-13	1	3140.403	1.67	Head	3R:+:28100312-28100431	exon=> In CDS Exon 4 of transcript AGAP009169-PA
JHU_Ag_8136	LSEMLLGPVPEGFNFVPK	AGAP009171-PA	M4(Oxidation)	54	4.40E-05	1	1990.046	5.36	Ovary	3R:+:28117176-28117180,28117252-28117300	exon=> In CDS Exon 3 and 4 of transcript AGAP009171-PA
JHU_Ag_8423	GALIKPWVFQEIKER	AGAP009171-PA	-	94	8.54E-10	1	1814.041	4.66	Malpighian tubule	3R:+:28116864-28116908	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_20273	DIDGTCYIYSTK	AGAP009171-PA	C6(Carbamidomethyl)	41	0.000788539	2	1435.645	3.08	Malpighian tubule	3R:+:28115727-28115762	exon=> In CDS Exon 2 of transcript AGAP009171-PA
JHU_Ag_26301	DIDGTCYIYSTK	AGAP009171-PA	C6(Carbamidomethyl)	61	6.86E-06	2	1435.644	1.98	Ovary	3R:+:28115727-28115762	exon=> In CDS Exon 2 of transcript AGAP009171-PA
JHU_Ag_36267	RHSSEDLFGVQLCGHNPK	AGAP009171-PA	C13(Carbamidomethyl)	70	1.59E-06	1	2080.994	-1.94	Ovary	3R:+:28116348-28116401	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_52205	FEDWGASLITIHGR	AGAP009171-PA	-	61	1.12E-05	2	1601.813	3.53	Ovary	3R:+:28116654-28116695	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_54208	DIDGTCYIYSTK	AGAP009171-PA	C6(Carbamidomethyl)	46	0.000257527	2	1435.646	3.17	Midgut	3R:+:28115727-28115762	exon=> In CDS Exon 2 of transcript AGAP009171-PA
JHU_Ag_65311	HSSEDLFGVQLCGHNPK	AGAP009171-PA	C12(Carbamidomethyl)	51	0.000124547	1	1924.905	3.92	Malpighian tubule	3R:+:28116351-28116401	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_72037	LVTYAAQIIAEK	AGAP009171-PA	-	64	1.59E-06	1	1319.759	1.41	Ovary	3R:+:28116402-28116437	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_77076	LVTYAAQIIAEK	AGAP009171-PA	-	45	9.16E-05	2	1319.768	7.97	Malpighian tubule	3R:+:28116402-28116437	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_77475	LYLSPLTTVGNLPFR	AGAP009171-PA	-	60	2.83E-06	2	1690.961	4.88	Ovary	3R:+:28116204-28116248	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_107537	FLLEWQSFLYR	AGAP009171-PA	-	88	2.48E-08	1	1501.792	5.69	Ovary	3R:+:28117020-28117052	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_109225	HSSEDLFGVQLCGHNPK	AGAP009171-PA	C12(Carbamidomethyl)	100	1.53E-09	1	1924.910	6.58	Ovary	3R:+:28116351-28116401	exon=> In CDS Exon 3 of transcript AGAP009171-PA
JHU_Ag_394	IVNIDFEQPEMEHWK	AGAP009172-PA	M11(Oxidation)	45	0.000475185	1	1930.902	0.55	Head	3R:-:28110575-28110531	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_562	VPMFIVQR	AGAP009172-PA	M3(Oxidation)	52	7.37E-05	1	1005.558	3.32	Ovary	3R:-:28110143-28110120	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_1338	IVLGYIDDVK	AGAP009172-PA	-	57	1.22E-05	1	1134.645	4.09	Ovary	3R:-:28110467-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_1873	NVETGEDFPETIEHTK	AGAP009172-PA	-	90	1.52E-08	1	1845.854	2.09	Pupa	3R:-:28111177-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA

JHU_Ag_3397	ADGSETAANENQKLYYHR	AGAP009172-PA	-	123	7.50E-12	1	2066.958	2.42	Malpighian tubule	3R:-:28111057-28111004	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_3820	IEDFDNSRYAVEQIFYHSK	AGAP009172-PA	-	77	3.01E-07	1	2361.132	7.26	Malpighian tubule	3R:-:28110212-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_4845	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	64	5.56E-06	1	2431.188	4.21	Head	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_5931	NVLDWTTCVNK	AGAP009172-PA	C8(Carbamidomethyl)	68	3.40E-06	2	1349.653	0.93	Salivary gland	3R:-:28110506-28110474	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_6872	SLLVVHSLADGSFVSK	AGAP009172-PA	-	106	1.82E-10	1	1658.913	1.12	Head	3R:-:28110437-28110390	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_7101	NVETGEDFPETIEHTKFVTASWTK	AGAP009172-PA	-	65	5.22E-06	1	2766.340	4.99	Malpighian tubule	3R:-:28111177-28111106	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_7490	DNKGFFYAR	AGAP009172-PA	-	35	0.004465592	1	1117.548	4.56	Malpighian tubule	3R:-:28111105-28111079	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_7889	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	64	5.86E-06	1	2431.182	1.58	Pupa	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_7997	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	85	4.91E-08	2	2431.192	5.85	Malpighian tubule	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_9528	LYAYGLSQSGSDWTK	AGAP009172-PA	-	111	1.28E-10	2	1675.802	3.16	Ovary	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_9961	YPVVAGK	AGAP009172-PA	-	32	0.006249016	1	733.425	0.96	Head	3R:-:28111078-28111058	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_10163	KQNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	60	1.54E-05	1	2991.405	1.03	Malpighian tubule	3R:-:28109840-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_10218	ADGSETAANENQK	AGAP009172-PA	-	82	3.80E-08	2	1334.581	-0.9	Head	3R:-:28111057-28111019	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_10496	QNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	107	2.04E-10	1	2863.309	0.82	Malpighian tubule	3R:-:28109837-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_11314	KIEEATDILTFMYK	AGAP009172-PA	-	100	1.71E-09	2	1701.881	2.16	Ovary	3R:-:28109262-28109221	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_11438	EVKIEDFDNSR	AGAP009172-PA	-	50	0.000151634	1	1351.648	-0.76	Ovary	3R:-:28110221-28110189	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_14189	YPVVAGK	AGAP009172-PA	-	38	0.001427194	2	733.427	3.21	Malpighian tubule	3R:-:28111078-28111058	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_14219	NVLDWTTCVNK	AGAP009172-PA	C8(Carbamidomethyl)	57	3.20E-05	1	1349.651	-0.61	Midgut	3R:-:28110506-28110474	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_15118	IVNIDFEQPEMEHWK	AGAP009172-PA	M11(Oxidation)	69	1.52E-06	1	1914.907	0.51	Ovary	3R:-:28110575-28110531	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_15667	AGTLESKLDFVK	AGAP009172-PA	-	92	5.30E-09	1	1307.722	0.85	Salivary gland	3R:-:28110774-28110739	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_16441	FPLEIGTVAGFSGK	AGAP009172-PA	-	101	9.85E-10	1	1422.764	1.15	Ovary	3R:-:28110389-28110348	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_16675	RDESVVEEFHGVK	AGAP009172-PA	-	79	1.83E-07	1	1530.760	3.45	Ovary	3R:-:28111703-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_16705	VSPLHSLK	AGAP009172-PA	-	38	0.000566537	1	880.525	0.23	Head	3R:-:28109397-28109374	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_17268	EVKIEDFDNSR	AGAP009172-PA	-	62	1.16E-05	1	1351.657	6.28	Malpighian tubule	3R:-:28110221-28110189	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_18826	DMLLYFSNLEK	AGAP009172-PA	-	45	0.000428197	2	1372.682	0.47	Ovary	3R:-:28110807-28110775	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_19677	FPLEIGTVAGFSGK	AGAP009172-PA	-	107	2.27E-10	1	1422.769	4.58	Salivary gland	3R:-:28110389-28110348	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_19885	NVLDWTTCVNKDR	AGAP009172-PA	C8(Carbamidomethyl)	55	5.25E-05	1	1620.775	-3	Salivary gland	3R:-:28110506-28110468	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_20954	FPLEIGTVAGFSGK	AGAP009172-PA	-	94	4.11E-09	1	1422.765	1.83	Malpighian tubule	3R:-:28110389-28110348	exon=> In CDS Exon 4 of transcript AGAP009172-PA

JHU_Ag_20964	LYAYGLSQSGSDWTK	AGAP009172-PA	-	97	3.28E-09	2	1675.803	3.96	Visceras	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_22471	LYAYGLSQSGSDWTK	AGAP009172-PA	-	53	8.93E-05	2	1675.805	5.34	Larva	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_23103	NVETGEDFPETIEHTK	AGAP009172-PA	-	118	2.46E-11	1	1845.854	2.22	Salivary gland	3R:-:28111177-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_24286	IVNIDFEQPEMEHWK	AGAP009172-PA	M11(Oxidation)	64	5.29E-06	1	1930.901	0.05	Midgut	3R:-:28110575-28110531	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_24558	LYAYGLSQSGSDWTK	AGAP009172-PA	-	108	2.56E-10	1	1675.801	2.57	Salivary gland	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_24706	YAVEQIFYHSK	AGAP009172-PA	-	82	9.28E-08	1	1384.696	4.74	Ovary	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_26067	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	115	4.48E-11	1	2431.187	3.64	Midgut	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_28076	YAVEQIFYHSK	AGAP009172-PA	-	85	5.21E-08	1	1384.691	0.81	Salivary gland	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_29377	DMLLYFSNLEK	AGAP009172-PA	M2(Oxidation)	48	0.000254482	2	1388.675	-1.06	Midgut	3R:-:28110807-28110775	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_29708	FVAALHDAIKDSEHQK	AGAP009172-PA	-	35	0.004279104	1	1808.927	-1.28	Malpighian tubule	3R:-:28109373-28109326	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_30365	NPLLLR	AGAP009172-PA	-	37	0.000224342	2	725.467	-0.21	Salivary gland	3R:-:28109325-28109308	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_30415	NVETGEDFPETIEHTK	AGAP009172-PA	-	85	4.38E-08	2	1845.856	3.28	Midgut	3R:-:28111177-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_30784	IADPYRWLEDPDAEETQAYVEK	AGAP009172-PA	-	94	6.15E-09	1	2638.250	7.27	Malpighian tubule	3R:-:28111664-28111599	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_31424	FVTASWTK	AGAP009172-PA	-	37	0.001695428	2	939.495	1.34	Salivary gland	3R:-:28111129-28111106	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_31550	NVETGEDFPETIEHTK	AGAP009172-PA	-	94	5.29E-09	1	1845.854	2.22	Head	3R:-:28111177-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_32868	IVLGYIDDVK	AGAP009172-PA	-	76	2.14E-07	2	1134.641	0	Salivary gland	3R:-:28110467-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_33115	KIEEATDILTFMYK	AGAP009172-PA	M12(Oxidation)	106	3.57E-10	1	1717.883	6.81	Malpighian tubule	3R:-:28109262-28109221	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_33373	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	84	5.91E-08	1	2431.185	3.14	Salivary gland	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_33476	YSPLHNVR	AGAP009172-PA	-	55	3.16E-05	1	985.522	0.25	Malpighian tubule	3R:-:28109487-28109464	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_33993	RDESVVEEFHGVK	AGAP009172-PA	-	51	0.000143842	1	1530.755	0.15	Midgut	3R:-:28111703-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_34375	YFFFMNTGLQNQDVLYVQDKLDGEPK	AGAP009172-PA	M5(Oxidation)	64	4.82E-06	1	3125.492	-0.18	Malpighian tubule	3R:-:28111478-28111787,28110939-28111313	exon=> In CDS Exon 2 and 1 of transcript AGAP009172-PA
JHU_Ag_34422	NPLLLR	AGAP009172-PA	-	36	0.000431274	2	725.468	1.14	Malpighian tubule	3R:-:28109325-28109308	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_35813	YPVVAGKADGSETAANENQK	AGAP009172-PA	-	76	3.81E-07	1	2048.996	3.49	Malpighian tubule	3R:-:28111078-28111019	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_36073	DESVVEEFHGVK	AGAP009172-PA	-	69	1.76E-06	1	1374.655	1.21	Salivary gland	3R:-:28111700-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_36836	SLLVVHSLADGSFVSK	AGAP009172-PA	-	96	1.79E-09	2	1658.918	3.99	Malpighian tubule	3R:-:28110437-28110390	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_37329	AGTLESKLDFVK	AGAP009172-PA	-	87	1.26E-08	1	1307.726	4.4	Malpighian tubule	3R:-:28110774-28110739	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_38088	TPTSEKDQYPATLVLTADHDDR	AGAP009172-PA	-	62	8.98E-06	1	2473.187	0.98	Malpighian tubule	3R:-:28109463-28109398	exon=> In CDS Exon 6 of transcript AGAP009172-PA

JHU_Ag_38340	NVLDWTTCVNK	AGAP009172-PA	C8(Carbamidomethyl)	61	1.38E-05	2	1349.654	1.29	Ovary	3R:-:28110506-28110474	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_39309	AWVSDYGDMNEK	AGAP009172-PA	M9(Oxidation)	37	0.000455554	2	1430.590	0.22	Salivary gland	3R:-:28109547-28109512	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_39654	QNEISKPFLDTCPEWK	AGAP009172-PA	C12(Carbamidomethyl)	68	2.36E-06	1	1991.953	0.12	Midgut	3R:-:28111598-28111551	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_41653	LYAYGLSQSGSDWTK	AGAP009172-PA	-	95	4.75E-09	2	1675.801	2.65	Malpighian tubule	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_41857	QNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	83	5.18E-08	1	2863.309	0.56	Salivary gland	3R:-:28109837-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_42970	FVAALHDAIKDSEHQK	AGAP009172-PA	-	50	0.000154927	1	1808.930	0.64	Head	3R:-:28109373-28109326	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_43235	DRIVLGYIDDVK	AGAP009172-PA	-	50	0.000104767	2	1405.769	0.42	Midgut	3R:-:28110473-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_43339	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	108	2.20E-10	1	2431.177	-0.48	Male reproductive organs	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_44503	WLEDPDAEETQAYVEK	AGAP009172-PA	-	133	5.22E-13	1	1922.868	1.28	Salivary gland	3R:-:28111646-28111599	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_44659	QNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	103	7.44E-10	1	2863.330	8.07	Ovary	3R:-:28109837-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_45074	LYAYGLSQSGSDWTK	AGAP009172-PA	-	102	1.03E-09	2	1675.801	2.72	Pupa	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_45206	LYAYGLSQSGSDWTK	AGAP009172-PA	-	121	1.38E-11	2	1675.799	1.34	Midgut	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_45776	FVTASWTK	AGAP009172-PA	-	44	0.000321725	2	939.492	-1.07	Midgut	3R:-:28111129-28111106	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_46434	TPTSEKDQYPATLVLTADHDDR	AGAP009172-PA	-	144	6.38E-14	1	2473.184	-0.12	Salivary gland	3R:-:28109463-28109398	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_47141	NVETGEDFPETIEHTK	AGAP009172-PA	-	93	6.91E-09	2	1845.854	2.22	Ovary	3R:-:28111177-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_47563	RDESVVEEFHGVK	AGAP009172-PA	-	62	1.13E-05	1	1530.751	-2.42	Head	3R:-:28111703-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_48011	IVNIDFEQPEMEHWK	AGAP009172-PA	M11(Oxidation)	65	5.13E-06	1	1930.898	-1.34	Salivary gland	3R:-:28110575-28110531	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_48847	SLLVVHSLADGSFVSK	AGAP009172-PA	-	122	4.69E-12	1	1658.910	-0.79	Midgut	3R:-:28110437-28110390	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_49974	FPLEIGTVAGFSGK	AGAP009172-PA	-	86	3.02E-08	1	1422.763	0.46	Visceras	3R:-:28110389-28110348	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_50809	VVTEFDSDYDYVTNEDNIFSFR	AGAP009172-PA	-	97	1.61E-09	2	2675.187	3.21	Visceras	3R:-:28110738-28110868,28109971-28110603	exon=> In CDS Exon 4 and 3 of transcript AGAP009172-PA
JHU_Ag_51173	DGEKVPMFIVQR	AGAP009172-PA	M7(Oxidation)	57	3.11E-05	1	1434.741	-0.16	Salivary gland	3R:-:28110155-28110120	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_51793	VFLDPNTLSADGTIALVGSR	AGAP009172-PA	N6(Deamidated)	117	1.83E-11	1	2046.092	2.75	Midgut	3R:-:28111312-28111253	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_55027	AWVSDYGDMNEKEHFENLLR	AGAP009172-PA	M9(Oxidation)	63	5.82E-06	1	2469.113	-0.45	Ovary	3R:-:28109547-28109488	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_55474	VVTEFDSDYDYVTNEDNIFSFR	AGAP009172-PA	-	84	3.48E-08	2	2675.197	6.86	Salivary gland	3R:-:28110738-28110868,28109971-28110603	exon=> In CDS Exon 4 and 3 of transcript AGAP009172-PA
JHU_Ag_57261	FVAALHDAIKDSEHQK	AGAP009172-PA	-	41	0.001175853	1	1808.929	0.24	Salivary gland	3R:-:28109373-28109326	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_57404	FVAALHDAIK	AGAP009172-PA	-	63	4.57E-06	1	1084.616	0.47	Malpighian tubule	3R:-:28109373-28109344	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_57782	IVLGYIDDVK	AGAP009172-PA	-	48	0.000153965	2	1134.643	2.04	Visceras	3R:-:28110467-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA

JHU_Ag_58804	AGTLESKLDFVK	AGAP009172-PA	-	64	3.29E-06	1	1307.719	-1.57	Ovary	3R:-:28110774-28110739	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_59306	IEDFDNSR	AGAP009172-PA	-	53	4.56E-05	2	995.444	0.99	Malpighian tubule	3R:-:28110212-28110189	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_60049	IVLGYIDDVK	AGAP009172-PA	-	70	9.29E-07	1	1134.641	0.54	Pupa	3R:-:28110467-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_60601	QNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	116	2.90E-11	1	2863.314	2.31	Head	3R:-:28109837-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_60810	KIEEATDILTFMYK	AGAP009172-PA	M12(Oxidation)	83	7.46E-08	2	1717.864	-4.42	Midgut	3R:-:28109262-28109221	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_61137	DGEKVPMFIVQR	AGAP009172-PA	-	50	0.000132571	3	1418.752	3.98	Malpighian tubule	3R:-:28110155-28110120	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_63941	EVKIEDFDNSR	AGAP009172-PA	-	63	8.42E-06	1	1351.650	0.6	Salivary gland	3R:-:28110221-28110189	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_67403	QNEISKPFLDTCPEWK	AGAP009172-PA	C12(Carbamidomethyl)	76	4.03E-07	1	1991.955	0.86	Salivary gland	3R:-:28111598-28111551	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_67419	FPLEIGTVAGFSGK	AGAP009172-PA	-	100	1.05E-09	1	1422.765	1.83	Head	3R:-:28110389-28110348	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_68235	AWVSDYGDMNEKEHFENLLR	AGAP009172-PA	M9(Oxidation)	110	1.11E-10	1	2453.129	3.99	Malpighian tubule	3R:-:28109547-28109488	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_68527	VVTEFDSDYDYVTNEDNIFSFR	AGAP009172-PA	-	75	2.87E-07	2	2675.208	10.97	Malpighian tubule	3R:-:28110738-28110868,28109971-28110603	exon=> In CDS Exon 4 and 3 of transcript AGAP009172-PA
JHU_Ag_68620	YAVEQIFYHSK	AGAP009172-PA	-	89	1.87E-08	1	1384.691	1.25	Pupa	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_69750	AWVSDYGDMNEKEHFENLLR	AGAP009172-PA	M9(Oxidation)	47	0.000237777	1	2469.123	3.48	Head	3R:-:28109547-28109488	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_70904	IEDFDNSR	AGAP009172-PA	-	41	0.00068473	2	995.442	-1.34	Head	3R:-:28110212-28110189	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_71877	IVNIDFEQPEMEHWK	AGAP009172-PA	M11(Oxidation)	77	3.27E-07	1	1930.908	4.03	Malpighian tubule	3R:-:28110575-28110531	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_72484	GCKDMLLYFSNLEK	AGAP009172-PA	C2(Carbamidomethyl), M5(Oxidation)	40	0.001872617	1	1733.819	-2.83	Salivary gland	3R:-:28110816-28110775	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_72748	TPTSEKDQYPATLVLTADHDDR	AGAP009172-PA	-	83	8.51E-08	1	2473.182	-0.79	Midgut	3R:-:28109463-28109398	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_72811	YAVEQIFYHSK	AGAP009172-PA	-	81	1.05E-07	1	1384.692	1.78	Head	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_72831	WLEDPDAEETQAYVEK	AGAP009172-PA	-	122	6.38E-12	1	1922.869	1.91	Visceras	3R:-:28111646-28111599	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_72997	IVLGYIDDVK	AGAP009172-PA	-	75	3.14E-07	1	1134.640	-0.43	Male reproductive organs	3R:-:28110467-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_73780	KIEEATDILTFMYK	AGAP009172-PA	-	77	3.56E-07	2	1701.882	3.17	Visceras	3R:-:28109262-28109221	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_74663	SLLVVHSLADGSFVSK	AGAP009172-PA	-	127	1.21E-12	1	1658.916	2.74	Salivary gland	3R:-:28110437-28110390	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_76009	FVAALHDAIK	AGAP009172-PA	-	42	0.000532665	2	1084.615	0.02	Midgut	3R:-:28109373-28109344	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_76327	VPMFIVQR	AGAP009172-PA	M3(Oxidation)	49	0.00014287	1	989.563	2.99	Malpighian tubule	3R:-:28110143-28110120	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_76927	DVLIAEFPEEPSWR	AGAP009172-PA	-	53	8.45E-05	2	1687.838	3.18	Midgut	3R:-:28110982-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_77002	KIEEATDILTFMYK	AGAP009172-PA	M12(Oxidation)	108	2.33E-10	2	1717.877	3.11	Salivary gland	3R:-:28109262-28109221	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_77031	SLLVVHSLADGSFVSK	AGAP009172-PA	-	51	4.75E-05	2	1658.915	2.3	Ovary	3R:-:28110437-28110390	exon=> In CDS Exon 4 of transcript AGAP009172-PA

JHU_Ag_77473	IVLGYIDDVK	AGAP009172-PA	-	61	6.80E-06	2	1134.639	-1.08	Midgut	3R:-:28110467-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_78372	DMLLYFSNLEK	AGAP009172-PA	M2(Oxidation)	78	2.26E-07	2	1372.684	1.45	Salivary gland	3R:-:28110807-28110775	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_78688	KQNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	41	0.001247004	1	2991.394	-2.64	Midgut	3R:-:28109840-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_78814	YAVEQIFYHSK	AGAP009172-PA	-	60	1.51E-05	2	1384.695	3.54	Midgut	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_80925	IEEATDILTFMYK	AGAP009172-PA	-	76	4.38E-07	2	1573.784	1.33	Head	3R:-:28109259-28109221	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_81313	IRNVETGEDFPETIEHTK	AGAP009172-PA	-	84	6.51E-08	1	2115.044	4.12	Midgut	3R:-:28111183-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_81335	FSDDGKLYAYGLSQSGSDWTK	AGAP009172-PA	-	107	2.91E-10	1	2325.070	1.31	Ovary	3R:-:28111252-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_83910	YAVEQIFYHSK	AGAP009172-PA	-	88	2.44E-08	1	1384.692	1.87	Visceras	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_83989	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	90	1.38E-08	1	2431.179	0.53	Visceras	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_84421	EHFENLLR	AGAP009172-PA	-	44	0.000451794	1	1057.534	-8.39	Ovary	3R:-:28109511-28109488	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_84703	DQYPATLVLTADHDDRVSPLHSLK	AGAP009172-PA	-	93	5.35E-09	1	2691.389	5.55	Ovary	3R:-:28109445-28109374	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_86707	NVLDWTTCVNK	AGAP009172-PA	C8(Carbamidomethyl)	60	1.94E-05	2	1349.653	0.93	Malpighian tubule	3R:-:28110506-28110474	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_88418	DMLLYFSNLEK	AGAP009172-PA	M2(Oxidation)	70	1.39E-06	1	1388.676	-0.18	Malpighian tubule	3R:-:28110807-28110775	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_89777	NVETGEDFPETIEHTK	AGAP009172-PA	-	103	6.96E-10	1	1845.859	4.8	Malpighian tubule	3R:-:28111177-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_89948	YLMLFIMK	AGAP009172-PA	M3(Oxidation), M7(Oxidation)	39	0.001970606	1	1090.568	0.52	Salivary gland	3R:-:28110840-28110817	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_90167	KQNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	72	1.01E-06	1	2991.415	4.21	Salivary gland	3R:-:28109840-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_90702	NVLDWTTCVNKDR	AGAP009172-PA	C8(Carbamidomethyl)	49	0.000224182	1	1620.780	0.09	Ovary	3R:-:28110506-28110468	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_91167	YSPLHNVR	AGAP009172-PA	-	37	0.001817277	1	985.522	0.49	Salivary gland	3R:-:28109487-28109464	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_92912	FVAALHDAIK	AGAP009172-PA	-	62	2.92E-06	1	1084.619	3.51	Ovary	3R:-:28109373-28109344	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_93331	VPMFIVQR	AGAP009172-PA	M3(Oxidation)	53	4.17E-05	2	989.561	1.01	Midgut	3R:-:28110143-28110120	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_94494	TEAAGGGAMEPTVFR	AGAP009172-PA	M9(Oxidation)	86	3.33E-08	2	1509.697	-2.23	Midgut	3R:-:28110266-28110222	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_94869	FPLEIGTVAGFSGK	AGAP009172-PA	-	74	4.31E-07	1	1422.763	0.46	Pupa	3R:-:28110389-28110348	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_94995	NPLLLR	AGAP009172-PA	-	48	2.78E-05	2	725.469	3.33	Ovary	3R:-:28109325-28109308	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_95701	YSPLHNVR	AGAP009172-PA	-	31	0.007969317	1	985.522	0.99	Head	3R:-:28109487-28109464	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_96396	AWVSDYGDMNEKEHFENLLR	AGAP009172-PA	M9(Oxidation)	45	0.000409296	1	2469.117	1.13	Salivary gland	3R:-:28109547-28109488	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_96715	WLEDPDAEETQAYVEK	AGAP009172-PA	-	122	7.99E-12	1	1922.884	9.66	Ovary	3R:-:28111646-28111599	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_97969	VVTEFDSDYDYVTNEDNIFSFR	AGAP009172-PA	-	58	1.40E-05	2	2675.190	4.49	Midgut	3R:-:28110738-28110868,28109971-28110603	exon=> In CDS Exon 4 and 3 of transcript AGAP009172-PA

JHU_Ag_99100	RDESVVEEFHGVK	AGAP009172-PA	-	67	3.40E-06	1	1530.749	-3.67	Pupa	3R:-:28111703-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_99228	IRNVETGEDFPETIEHTK	AGAP009172-PA	-	57	3.02E-05	1	2115.044	4.3	Ovary	3R:-:28111183-28111130	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_99257	KIEEATDILTFMYK	AGAP009172-PA	M12(Oxidation)	70	1.49E-06	1	1701.882	3.02	Head	3R:-:28109262-28109221	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_100828	DMLLYFSNLEK	AGAP009172-PA	-	68	2.05E-06	2	1372.684	1.63	Head	3R:-:28110807-28110775	exon=> In CDS Exon 3 of transcript AGAP009172-PA
JHU_Ag_100896	YAVEQIFYHSK	AGAP009172-PA	-	88	2.48E-08	1	1384.691	1.34	Malpighian tubule	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_101036	RDESVVEEFHGVK	AGAP009172-PA	-	80	1.82E-07	1	1530.755	-0.02	Salivary gland	3R:-:28111703-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_101354	TPTSEKDQYPATLVLTADHDDR	AGAP009172-PA	-	37	0.002892889	1	2473.184	0.1	Head	3R:-:28109463-28109398	exon=> In CDS Exon 6 of transcript AGAP009172-PA
JHU_Ag_103438	VPMFIVQR	AGAP009172-PA	M3(Oxidation)	54	3.02E-05	1	989.560	-0.16	Salivary gland	3R:-:28110143-28110120	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_104202	VPMFIVQR	AGAP009172-PA	-	37	0.001792478	1	989.561	0.7	Visceras	3R:-:28110143-28110120	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_104386	DESVVEEFHGVK	AGAP009172-PA	-	62	8.24E-06	2	1374.659	3.7	Malpighian tubule	3R:-:28111700-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_105792	ADGSETAANENQK	AGAP009172-PA	-	58	1.03E-05	2	1334.581	-0.35	Salivary gland	3R:-:28111057-28111019	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_107687	LYAYGLSQSGSDWTK	AGAP009172-PA	-	120	1.25E-11	2	1675.793	-2.16	Head	3R:-:28111234-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_109178	KQNVFDDFQHAAQYLVEHGYTTHDK	AGAP009172-PA	-	102	9.95E-10	1	2991.406	1.44	Ovary	3R:-:28109840-28109766	exon=> In CDS Exon 5 of transcript AGAP009172-PA
JHU_Ag_109617	RDESVVEEFHGVK	AGAP009172-PA	-	91	1.34E-08	1	1530.762	4.89	Malpighian tubule	3R:-:28111703-28111665	exon=> In CDS Exon 1 of transcript AGAP009172-PA
JHU_Ag_111022	YAVEQIFYHSK	AGAP009172-PA	-	63	6.63E-06	1	1384.692	1.5	Male reproductive organs	3R:-:28110188-28110156	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_111831	FSDDGKLYAYGLSQSGSDWTK	AGAP009172-PA	-	118	2.30E-11	1	2325.078	4.69	Malpighian tubule	3R:-:28111252-28111190	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_111935	GGGEYGERWHNAGR	AGAP009172-PA	-	61	6.67E-06	1	1545.697	2.06	Malpighian tubule	3R:-:28109978-28110638,28109671-28109850	exon=> In CDS Exon 5 and 4 of transcript AGAP009172-PA
JHU_Ag_112138	FPLEIGTVAGFSGK	AGAP009172-PA	-	101	9.99E-10	1	1422.766	2.09	Male reproductive organs	3R:-:28110389-28110348	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_112451	IVLGYIDDVK	AGAP009172-PA	-	65	2.65E-06	2	1134.641	0.43	Malpighian tubule	3R:-:28110467-28110438	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_112788	IEDFDNSR	AGAP009172-PA	-	54	3.85E-05	2	995.447	3.81	Ovary	3R:-:28110212-28110189	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_113404	VGESQDKDVLIAEFPEEPSWR	AGAP009172-PA	-	69	1.97E-06	2	2431.176	-0.58	Ovary	3R:-:28111003-28110941	exon=> In CDS Exon 2 of transcript AGAP009172-PA
JHU_Ag_116934	IEDFDNSR	AGAP009172-PA	-	57	1.71E-05	2	995.444	0.87	Salivary gland	3R:-:28110212-28110189	exon=> In CDS Exon 4 of transcript AGAP009172-PA
JHU_Ag_65	ENTTPSEQDALQPGNK	AGAP009173-PA	-	62	8.24E-06	2	1728.809	2.93	Head	3R:-:28118157-28118110	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_967	GKEILDVMPTSIHQR	AGAP009173-PA	M8(Oxidation)	73	7.04E-07	1	1739.910	-0.83	Male reproductive organs	3R:-:28117689-28117645	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_1443	SPIYLGSK	AGAP009173-PA	-	53	6.09E-05	2	864.481	-1.39	Pupa	3R:-:28117644-28117621	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_2674	KLDVLSNEIFINMLK	AGAP009173-PA	-	97	7.21E-10	2	1777.005	6.69	Malpighian tubule	3R:-:28118455-28118411	exon=> In CDS Exon 2 of transcript AGAP009173-PA
JHU_Ag_4166	LQGISGDTNVQGEQVK	AGAP009173-PA	-	107	3.12E-10	2	1672.857	3.95	Larva	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA

JHU_Ag_5141	YGGIFIYPATAAAK	AGAP009173-PA	-	48	0.000171173	1	1442.771	1.91	Midgut	3R:-:28117815-28117774	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_9443	ENTTPSEQDALQPGNK	AGAP009173-PA	-	69	1.67E-06	2	1728.801	-1.45	Male reproductive organs	3R:-:28118157-28118110	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_9920	KLDVLSNEIFINMLK	AGAP009173-PA	-	92	2.22E-09	2	1777.001	4.63	Visceras	3R:-:28118455-28118411	exon=> In CDS Exon 2 of transcript AGAP009173-PA
JHU_Ag_13015	GNIYSINEGYASTWDESVLNYVK	AGAP009173-PA	-	121	1.12E-11	2	2622.237	0.55	Pupa	3R:-:28117968-28117900	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_13714	GNIYSINEGYASTWDESVLNYVK	AGAP009173-PA	-	121	1.01E-11	2	2622.238	0.74	Midgut	3R:-:28117968-28117900	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_16556	LQGISGDTNVQGEQVK	AGAP009173-PA	-	58	2.24E-05	2	1672.852	1.32	Salivary gland	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA
JHU_Ag_17259	YGGIFIYPATAAAK	AGAP009173-PA	-	77	2.14E-07	2	1442.771	2.19	Ovary	3R:-:28117815-28117774	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_17703	ENTTPSEQDALQPGNK	AGAP009173-PA	-	109	1.78E-10	1	1728.804	0.46	Ovary	3R:-:28118157-28118110	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_19442	HATGDLSQLLNCIQTAIK	AGAP009173-PA	C12(Carbamidomethyl)	78	1.55E-07	2	1983.052	9.8	Malpighian tubule	3R:-:28118686-28118633	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_21611	LDVEEAISYIK	AGAP009173-PA	-	90	1.15E-08	1	1279.676	-1.27	Ovary	3R:-:28117620-28117588	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_22972	HATGDLSQLLNCIQTAIK	AGAP009173-PA	Q8(Deamidated), C12(Carbamidomethyl)	45	0.000520867	2	1984.004	-6.58	Pupa	3R:-:28118686-28118633	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_26767	LQGISGDTNVQGEQVK	AGAP009173-PA	-	119	1.91E-11	1	1672.849	-0.87	Pupa	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA
JHU_Ag_28972	YGGIFIYPATAAAK	AGAP009173-PA	-	40	0.001074788	2	1442.769	0.84	Male reproductive organs	3R:-:28117815-28117774	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_29964	QVKENTTPSEQDALQPGNK	AGAP009173-PA	-	59	2.14E-05	1	2084.030	2.35	Malpighian tubule	3R:-:28118166-28118110	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_31265	LQGISGDTNVQGEQVK	AGAP009173-PA	-	110	1.57E-10	1	1672.852	1.32	Visceras	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA
JHU_Ag_33664	HATGDLSQLLNCIQTAIK	AGAP009173-PA	C12(Carbamidomethyl)	81	9.02E-08	1	1983.036	1.42	Ovary	3R:-:28118686-28118633	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_36459	EILDVMPTSIHQR	AGAP009173-PA	M6(Oxidation)	37	0.002199682	1	1554.794	-0.5	Midgut	3R:-:28117683-28117645	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_39508	YVGSMVADVHR	AGAP009173-PA	-	70	2.02E-06	1	1233.605	0.31	Midgut	3R:-:28117857-28117825	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_41718	LDVEEAISYIK	AGAP009173-PA	-	78	1.81E-07	2	1279.679	1.12	Midgut	3R:-:28117620-28117588	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_42897	LLYECNPMAYLVTQAGGK	AGAP009173-PA	C5(Carbamidomethyl),"C5 (Carbamidomethyl), M8(Oxidation)"	98	2.34E-09	1	2043.988	-0.08	Midgut	3R:-:28117758-28117705	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_43262	YVGSMVADVHR	AGAP009173-PA	M5(Oxidation)	57	3.25E-05	1	1249.597	-1.58	Ovary	3R:-:28117857-28117825	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_44443	ENTTPSEQDALQPGNK	AGAP009173-PA	-	128	2.33E-12	1	1728.806	1.59	Visceras	3R:-:28118157-28118110	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_44653	LDVEEAISYIK	AGAP009173-PA	-	91	1.15E-08	1	1279.681	2.64	Male reproductive organs	3R:-:28117620-28117588	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_44992	YVGSMVADVHR	AGAP009173-PA	M5(Oxidation)	72	1.14E-06	1	1249.601	1.15	Malpighian tubule	3R:-:28117857-28117825	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_45450	TQQGPAFDSNCMTLTR	AGAP009173-PA	N-Term(Acetyl), C11(Carbamidomethyl), M12(Oxidation)	70	8.02E-07	2	1884.820	-0.96	Midgut	3R:-:28118764-28118717	exon=> In CDS Exon 1 of transcript AGAP009173-PA

JHU_Ag_52064	LQGISGDTNVQGEQVK	AGAP009173-PA	-	96	3.70E-09	2	1672.851	0.37	Head	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA
JHU_Ag_55352	LDVEEAISYIK	AGAP009173-PA	-	88	2.02E-08	2	1279.684	4.36	Malpighian tubule	3R:-:28117620-28117588	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_57789	YGGIFIYPATAAAK	AGAP009173-PA	-	37	0.002024524	1	1442.770	1.43	Salivary gland	3R:-:28117815-28117774	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_58605	LDVLSNEIFINMLK	AGAP009173-PA	M12(Oxidation)	84	3.40E-08	1	1664.899	3.6	Ovary	3R:-:28118452-28118411	exon=> In CDS Exon 2 of transcript AGAP009173-PA
JHU_Ag_60666	LDVEEAISYIK	AGAP009173-PA	-	93	5.79E-09	1	1279.680	1.31	Pupa	3R:-:28117620-28117588	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_62775	GNIYSINEGYASTWDESVLNYVK	AGAP009173-PA	-	116	3.32E-11	2	2622.239	1.2	Visceras	3R:-:28117968-28117900	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_63827	LLYECNPMAYLVTQAGGK	AGAP009173-PA	C5(Carbamidomethyl)	97	3.04E-09	2	2027.995	0.9	Malpighian tubule	3R:-:28117758-28117705	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_64747	HATGDLSQLLNCIQTAIK	AGAP009173-PA	C12(Carbamidomethyl)	57	2.14E-05	3	1983.033	0.22	Midgut	3R:-:28118686-28118633	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_66729	GKEILDVMPTSIHQR	AGAP009173-PA	M8(Oxidation)	53	6.61E-05	1	1739.912	0.64	Malpighian tubule	3R:-:28117689-28117645	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_72415	SPIYLGSK	AGAP009173-PA	-	43	0.000574624	1	864.483	0.31	Male reproductive organs	3R:-:28117644-28117621	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_72852	HATGDLSQLLNCIQTAIK	AGAP009173-PA	C12(Carbamidomethyl)	58	1.63E-05	1	1983.048	7.79	Larva	3R:-:28118686-28118633	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_78040	LLYECNPMAYLVTQAGGK	AGAP009173-PA	C5(Carbamidomethyl)	54	5.79E-05	2	2027.996	1.32	Pupa	3R:-:28117758-28117705	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_81131	GNIYSINEGYASTWDESVLNYVK	AGAP009173-PA	-	67	3.00E-06	2	2622.244	3.06	Male reproductive organs	3R:-:28117968-28117900	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_81240	LLYECNPMAYLVTQAGGK	AGAP009173-PA	C5(Carbamidomethyl), M8(Oxidation)	66	4.16E-06	2	2043.996	3.8	Larva	3R:-:28117758-28117705	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_81601	KLDVLSNEIFINMLK	AGAP009173-PA	-	104	1.63E-10	1	1776.992	-0.66	Midgut	3R:-:28118455-28118411	exon=> In CDS Exon 2 of transcript AGAP009173-PA
JHU_Ag_83588	YVVSFDPLDGSSNIDCLVSIGSIFAITK	AGAP009173-PA	C16(Carbamidomethyl)	134	4.67E-13	1	3017.531	4.35	Ovary	3R:-:28118332-28118501,28117585-28118167	exon=> In CDS Exon 3 and 2 of transcript AGAP009173-PA
JHU_Ag_84921	YVGSMVADVHR	AGAP009173-PA	M5(Oxidation)	77	3.29E-07	1	1249.596	-2.46	Pupa	3R:-:28117857-28117825	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_88956	YGGIFIYPATAAAK	AGAP009173-PA	-	56	2.99E-05	2	1442.769	0.84	Pupa	3R:-:28117815-28117774	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_89192	SPIYLGSK	AGAP009173-PA	-	56	2.84E-05	2	864.483	0.52	Visceras	3R:-:28117644-28117621	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_90222	ENTTPSEQDALQPGNK	AGAP009173-PA	-	109	1.65E-10	1	1728.807	2.23	Malpighian tubule	3R:-:28118157-28118110	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_95786	YGGIFIYPATAAAK	AGAP009173-PA	-	38	0.001511598	1	1442.773	3.55	Visceras	3R:-:28117815-28117774	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_98345	GNIYSINEGYASTWDESVLNYVK	AGAP009173-PA	-	46	0.000340911	2	2622.245	3.62	Head	3R:-:28117968-28117900	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_100219	ENTTPSEQDALQPGNK	AGAP009173-PA	-	119	1.99E-11	1	1728.802	-1.16	Pupa	3R:-:28118157-28118110	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_101627	FVLQEQK	AGAP009173-PA	-	37	0.002315892	1	891.493	-0.92	Pupa	3R:-:28118716-28118696	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_102896	LQGISGDTNVQGEQVK	AGAP009173-PA	-	119	1.87E-11	1	1672.851	0.23	Male reproductive organs	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA
JHU_Ag_103061	KLDVLSNEIFINMLK	AGAP009173-PA	M13(Oxidation)	32	0.003107153	2	1792.994	3.48	Larva	3R:-:28118455-28118411	exon=> In CDS Exon 2 of transcript AGAP009173-PA

JHU_Ag_107440	HATGDLSQLLNCIQTAIK	AGAP009173-PA	C12(Carbamidomethyl)	104	4.51E-10	2	1983.039	2.96	Visceras	3R:-:28118686-28118633	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_107562	LQGISGDTNVQGEQVK	AGAP009173-PA	-	136	4.27E-13	1	1672.850	-0.36	Ovary	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA
JHU_Ag_108110	LDVLSNEIFINMLK	AGAP009173-PA	M12(Oxidation)	79	1.03E-07	1	1664.896	1.99	Midgut	3R:-:28118452-28118411	exon=> In CDS Exon 2 of transcript AGAP009173-PA
JHU_Ag_108384	GKEILDVMPTSIHQR	AGAP009173-PA	M8(Oxidation)	72	8.06E-07	2	1739.910	-0.37	Midgut	3R:-:28117689-28117645	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_108446	YVGSMVADVHR	AGAP009173-PA	M5(Oxidation)	77	3.65E-07	1	1249.601	1.35	Male reproductive organs	3R:-:28117857-28117825	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_110574	YGGIFIYPATAAAK	AGAP009173-PA	-	53	5.16E-05	2	1442.772	2.53	Malpighian tubule	3R:-:28117815-28117774	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_114026	FVLQEQKK	AGAP009173-PA	-	35	0.002385951	1	1019.587	-1.82	Male reproductive organs	3R:-:28118716-28118693	exon=> In CDS Exon 1 of transcript AGAP009173-PA
JHU_Ag_114132	SPIYLGSK	AGAP009173-PA	-	44	0.000464889	1	864.482	-0.6	Midgut	3R:-:28117644-28117621	exon=> In CDS Exon 3 of transcript AGAP009173-PA
JHU_Ag_115194	KLDVLSNEIFINMLK	AGAP009173-PA	-	86	1.07E-08	1	1776.998	2.92	Pupa	3R:-:28118455-28118411	exon=> In CDS Exon 2 of transcript AGAP009173-PA
JHU_Ag_117221	LQGISGDTNVQGEQVK	AGAP009173-PA	-	130	1.63E-12	1	1672.853	1.61	Malpighian tubule	3R:-:28118593-28118767,28118250-28118456	exon=> In CDS Exon 2 and 1 of transcript AGAP009173-PA
JHU_Ag_3566	AIYEEQR	AGAP009175-PA	-	36	0.004943066	1	908.447	-0.54	Malpighian tubule	3R:+:28124276-28124296	exon=> In CDS Exon 1 of transcript AGAP009175-PA
JHU_Ag_29292	YGPYALGGGYVLSK	AGAP009175-PA	-	50	0.000160458	1	1444.747	0.24	Salivary gland	3R:+:28124657-28124698	exon=> In CDS Exon 1 of transcript AGAP009175-PA
JHU_Ag_58652	SEDIAVGTWLAPFR	AGAP009175-PA	-	36	0.004048641	2	1561.810	5.75	Midgut	3R:+:28124750-28124791	exon=> In CDS Exon 1 of transcript AGAP009175-PA
JHU_Ag_263	LISAIPR	AGAP009176-PA	-	34	0.00062587	2	769.491	-2.78	Male reproductive organs	3R:+:28147991-28148011	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_971	VVIDTNDVTTLK	AGAP009176-PA	-	61	8.62E-06	2	1317.728	1.61	Malpighian tubule	3R:+:28148192-28148227	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_1019	YIADAAPK	AGAP009176-PA	-	39	0.001777176	2	848.454	2.88	Malpighian tubule	3R:+:28144539-28144562	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_1080	TPVVIENAVFHR	AGAP009176-PA	-	72	5.47E-07	2	1381.761	1.32	Visceras	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_1716	VIADLNAQGIFAK	AGAP009176-PA	-	41	0.000680545	2	1359.766	1.94	Visceras	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_1948	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	66	3.10E-06	1	2447.270	0.85	Ovary	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_3345	VGDPQEVNAITDFFCK	AGAP009176-PA	C15(Carbamidomethyl)	72	7.96E-07	2	1839.861	1.43	Male reproductive organs	3R:+:28143366-28143413	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_3386	VAEASFER	AGAP009176-PA	-	36	0.00469618	1	908.445	-2.78	Ovary	3R:+:28146143-28146166	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_3431	RTFPQLTDR	AGAP009176-PA	-	46	0.000323012	1	1133.605	-1.38	Head	3R:+:28147508-28147534	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_6192	SGLPLNMSDVYK	AGAP009176-PA	M7(Oxidation)	36	0.003348907	2	1339.663	4.84	Larva	3R:+:28145600-28145635	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_7240	SDGCVVTFLQR	AGAP009176-PA	C4(Carbamidomethyl)	73	7.69E-07	1	1281.625	-0.28	Male reproductive organs	3R:+:28143144-28143176	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_9116	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	108	2.08E-10	1	2447.271	1.37	Head	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_9974	GVDLVLNSLAEEK	AGAP009176-PA	-	91	9.51E-09	2	1386.747	-0.67	Male reproductive organs	3R:+:28147598-28147636	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_10783	SFDLVLSAAEIR	AGAP009176-PA	-	84	4.75E-08	2	1320.716	-0.27	Midgut	3R:+:28148873-28148908	exon=> In CDS Exon 5 of transcript AGAP009176-PA

JHU_Ag_11120	ILIAMEEGVIPGNLHYNSPNK	AGAP009176-PA	-	71	7.86E-07	1	2309.211	6.43	Visceras	3R:+:28143501-28143563	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_11500	DCSFEQLVMR	AGAP009176-PA	C2(Carbamidomethyl), M9(Oxidation)	63	3.65E-06	1	1300.568	1.21	Male reproductive organs	3R:+:28147553-28147582	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_11567	VVIDTNDVTTLK	AGAP009176-PA	-	68	2.01E-06	2	1317.726	0.12	Male reproductive organs	3R:+:28148192-28148227	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_11826	VGDPQEVNAITDFFCKDR	AGAP009176-PA	C15(Carbamidomethyl)	85	4.38E-08	1	2110.999	6.14	Malpighian tubule	3R:+:28143366-28143419	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_12082	RIYASVLNVR	AGAP009176-PA	-	32	0.001992498	1	1190.704	3.2	Malpighian tubule	3R:+:28143192-28143221	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_12661	SPENTMAGTVQAIIEGEPTLASDVAVATTHQPDSLVQHYGESGVR	AGAP009176-PA	M6(Oxidation)	31	0.00697355	1	4679.279	5.51	Head	3R:+:28146167-28146301	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_13138	VIADLNAQGIFAK	AGAP009176-PA	-	119	1.01E-11	1	1359.766	2.39	Larva	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_13371	DHANNMIFLLSNLGK	AGAP009176-PA	-	98	2.23E-09	2	1686.866	1.55	Visceras	3R:+:28144845-28144888,28144972-28144972	exon=> In CDS Exon 3 and 4 of transcript AGAP009176-PA
JHU_Ag_13497	GPSYAVDTACSSSLFALSQAFADMR	AGAP009176-PA	C10(Carbamidomethyl), M24(Oxidation)	65	3.96E-06	1	2668.217	5.69	Larva	3R:+:28142925-28142999	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_14042	LVKPTENYAK	AGAP009176-PA	-	39	0.001055565	1	1162.651	3.5	Malpighian tubule	3R:+:28150043-28150072	exon=> In CDS Exon 6 of transcript AGAP009176-PA
JHU_Ag_14624	DLMQLEVFHNSIYR	AGAP009176-PA	M3(Oxidation)	90	1.97E-08	1	1780.875	3.61	Head	3R:+:28144008-28144049	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_14657	MQGADIEKTPVVIENAVFHR	AGAP009176-PA	M1(Oxidation)	123	6.39E-12	1	2270.172	5.48	Malpighian tubule	3R:+:28145369-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_15665	DLYGLMDGR	AGAP009176-PA	-	44	0.000420025	2	1039.487	-0.75	Head	3R:+:28143564-28143590	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_16045	SSGIAFHSR	AGAP009176-PA	-	61	1.73E-05	2	961.488	2.72	Larva	3R:+:28144512-28144538	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_16061	DHANNMIFLLSNLGKLYSSGAQPQVQK	AGAP009176-PA	M6(Oxidation)	60	1.02E-05	1	2989.530	3.36	Malpighian tubule	3R:+:28144845-28144888,28144972-28145008	exon=> In CDS Exon 3 and 4 of transcript AGAP009176-PA
JHU_Ag_16415	AITGELQWR	AGAP009176-PA	-	44	0.000750983	2	1073.574	0.25	Visceras	3R:+:28145702-28145728	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_16709	LYSSGAQPQVQK	AGAP009176-PA	-	73	8.05E-07	1	1305.679	-0.5	Midgut	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_16755	VFVLVRPTIAELAQR	AGAP009176-PA	-	83	5.93E-09	1	1712.024	1.53	Head	3R:+:28146539-28146583	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_17654	HLEMVANLTQTGDDR	AGAP009176-PA	M4(Oxidation)	115	4.62E-11	1	1715.798	-2.06	Head	3R:+:28145843-28145887	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_17810	GYTVVAGDGQSQTVR	AGAP009176-PA	-	97	3.42E-09	2	1537.763	1.65	Visceras	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_18140	TTEAVEAFLDQAAK	AGAP009176-PA	-	114	6.51E-11	2	1493.755	4.28	Malpighian tubule	3R:+:28143759-28143800	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_18972	TTEAVEAFLDQAAK	AGAP009176-PA	-	47	0.000353506	2	1493.752	2.24	Pupa	3R:+:28143759-28143800	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_19124	DGLLENSTEADFR	AGAP009176-PA	-	70	1.08E-06	2	1466.677	0.65	Male reproductive organs	3R:+:28148306-28148344	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_19292	AFDESGNGYVR	AGAP009176-PA	-	58	1.05E-05	2	1214.545	0.95	Visceras	3R:+:28143111-28143143	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_19748	LQGDYGLSDLCQQK	AGAP009176-PA	C11(Carbamidomethyl)	81	9.96E-08	1	1624.768	2.77	Visceras	3R:+:28150073-28150099,28150200-28150214	exon=> In CDS Exon 6 and 7 of transcript AGAP009176-PA
JHU_Ag_20209	GYTVVAGDGQSQTVR	AGAP009176-PA	-	76	3.91E-07	2	1537.765	2.68	Larva	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA

JHU_Ag_20445	IIVLTSR	AGAP009176-PA	-	47	3.43E-05	2	801.521	1.72	Male reproductive organs	3R:+:28148108-28148128	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_21227	GYTVVAGDGQSQTVR	AGAP009176-PA	-	97	3.49E-09	2	1537.767	3.95	Malpighian tubule	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_21580	DGLLENSTEADFR	AGAP009176-PA	-	75	3.57E-07	2	1466.681	3.4	Midgut	3R:+:28148306-28148344	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_22642	QGTQAPPTLEK	AGAP009176-PA	-	36	0.002175341	2	1169.622	4.81	Malpighian tubule	3R:+:28145981-28146013	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_22813	SDGCVVTFLQR	AGAP009176-PA	C4(Carbamidomethyl)	42	0.000907176	2	1281.627	0.76	Visceras	3R:+:28143144-28143176	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_22914	GYTVVAGDGQSQTVR	AGAP009176-PA	-	88	2.36E-08	2	1537.761	0.3	Male reproductive organs	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_23349	IMAMVQAK	AGAP009176-PA	M2(Oxidation), M4(Oxidation)	40	0.001392682	1	923.472	2.94	Larva	3R:+:28147217-28147240	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_23449	TPVVIENAVFHR	AGAP009176-PA	-	82	4.65E-08	1	1381.764	4.06	Malpighian tubule	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_23896	DHANNMIFLLSNLGK	AGAP009176-PA	M6(Oxidation)	60	2.00E-05	1	1702.857	-0.79	Male reproductive organs	3R:+:28144845-28144888,28144972-28144972	exon=> In CDS Exon 3 and 4 of transcript AGAP009176-PA
JHU_Ag_23966	AGFTLVSTQVCEK	AGAP009176-PA	C11(Carbamidomethyl)	87	3.08E-08	2	1439.722	1.4	Head	3R:+:28146497-28146535	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_24174	ADGFVLLEESR	AGAP009176-PA	-	59	2.28E-05	2	1235.630	2.8	Salivary gland	3R:+:28146425-28146457	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_24413	LGADALPGDLATQDCILGLEFAGR	AGAP009176-PA	C15(Carbamidomethyl)	110	1.28E-10	2	2473.249	3.85	Head	3R:+:28147127-28147198	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_24595	GYTVVAGDGQSQTVR	AGAP009176-PA	-	90	1.55E-08	2	1537.763	1.41	Salivary gland	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_24861	AITGELQWR	AGAP009176-PA	-	43	0.000857096	2	1073.576	1.73	Salivary gland	3R:+:28145702-28145728	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_24984	TDTGGVSLVGCIANILGLK	AGAP009176-PA	C11(Carbamidomethyl)	36	0.00175204	1	1888.025	2.39	Visceras	3R:+:28148726-28148782	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_25118	FDLNNNSPLGMSVFLK	AGAP009176-PA	-	70	1.21E-06	1	1795.906	0.48	Visceras	3R:+:28147694-28147741	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_25137	DLICNVLRPANGTPAPAWGTFR	AGAP009176-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), N11(Deamidated)"	49	0.000175524	3	2427.225	0.46	Visceras	3R:+:28146842-28146907	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_25196	ETYEEIGLSPADVTYVEAHGTGTK	AGAP009176-PA	-	86	3.92E-08	1	2567.223	3.12	Head	3R:+:28143294-28143365	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_25888	TPVVIENAVFHR	AGAP009176-PA	-	69	1.19E-06	1	1381.758	-0.45	Male reproductive organs	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_26849	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	94	4.38E-09	1	2447.274	2.64	Visceras	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_27487	GLYDLPTR	AGAP009176-PA	-	42	0.000858532	2	934.503	4.47	Larva	3R:+:28141545-28141568	exon=> In CDS Exon 2 of transcript AGAP009176-PA
JHU_Ag_27849	DGLLENSTEADFR	AGAP009176-PA	-	72	8.36E-07	2	1466.680	2.56	Visceras	3R:+:28148306-28148344	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_27877	GVDLVLNSLAEEK	AGAP009176-PA	-	102	8.25E-10	2	1386.751	2.32	Salivary gland	3R:+:28147598-28147636	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_28199	KSVVIALTER	AGAP009176-PA	-	43	0.000132426	2	1115.683	3.88	Malpighian tubule	3R:+:28146584-28146613	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_28967	ADGFVLLEESR	AGAP009176-PA	-	49	0.000222768	2	1235.632	3.99	Head	3R:+:28146425-28146457	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_29644	IIVLTSR	AGAP009176-PA	-	25	0.008285767	2	801.520	0.35	Head	3R:+:28148108-28148128	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_31273	VVDRNLPWNGGIIGLNSFGFGGANAHVILK	AGAP009176-PA	-	62	2.01E-06	1	3135.701	4.98	Malpighian tubule	3R:+:28143597-28143686	exon=> In CDS Exon 3 of transcript AGAP009176-PA

JHU_Ag_33747	LISAIPR	AGAP009176-PA	-	39	0.000144182	2	769.494	1.19	Malpighian tubule	3R:+:28147991-28148011	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_33837	ILIAMEEGVIPGNLHYNSPNK	AGAP009176-PA	M5(Oxidation)	128	2.04E-12	1	2325.197	2.57	Head	3R:+:28143501-28143563	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_34248	SPENTMAGTVQAIIEGEPTLASDVAVATTHQPDSLVQHYGESGVR	AGAP009176-PA	M6(Oxidation)	76	2.07E-07	1	4679.286	7.07	Malpighian tubule	3R:+:28146167-28146301	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_34298	AFDESGNGYVR	AGAP009176-PA	-	67	1.36E-06	2	1214.547	2.86	Malpighian tubule	3R:+:28143111-28143143	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_35386	TTEAVEAFLDQAAK	AGAP009176-PA	-	99	2.12E-09	2	1493.750	0.85	Ovary	3R:+:28143759-28143800	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_35586	HGPVGGVFNLAAVLR	AGAP009176-PA	-	41	0.000339672	3	1506.854	0.02	Midgut	3R:+:28148261-28148305	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_36026	SVVIALTER	AGAP009176-PA	-	51	8.29E-05	2	987.583	-0.51	Midgut	3R:+:28146587-28146613	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_36409	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	60	9.34E-06	1	2447.279	4.59	Pupa	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_36568	AGFTLVSTQVCEK	AGAP009176-PA	C11(Carbamidomethyl)	71	1.12E-06	2	1439.728	5.3	Salivary gland	3R:+:28146497-28146535	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_37208	ISDVLQKLL	AGAP009176-PA	-	42	0.000257639	2	1028.637	1.41	Malpighian tubule	3R:+:28150278-28150304	exon=> In CDS Exon 7 of transcript AGAP009176-PA
JHU_Ag_37633	YIADAAPK	AGAP009176-PA	-	40	0.001410165	2	848.451	-0.22	Head	3R:+:28144539-28144562	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_38066	GVDLVLNSLAEEK	AGAP009176-PA	-	92	8.24E-09	2	1386.750	1.79	Head	3R:+:28147598-28147636	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_38071	LYFIQDR	AGAP009176-PA	-	44	0.000375191	2	954.502	-2.04	Head	3R:+:28146767-28146787	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_38169	YVSWYTEAQK	AGAP009176-PA	-	34	0.00528149	1	1274.606	0.92	Pupa	3R:+:28149410-28149439	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_38582	TGYQSLMIR	AGAP009176-PA	-	41	0.000994164	1	1068.548	-2.95	Head	3R:+:28148141-28148167	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_38721	SFGWVEELK	AGAP009176-PA	-	45	0.000520319	2	1094.555	2.62	Salivary gland	3R:+:28146614-28146640	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_40387	TELCTVYYAPINFR	AGAP009176-PA	C4(Carbamidomethyl)	44	0.000735408	2	1746.856	2.14	Head	3R:+:28147061-28147102	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_40732	CAEALRPEGVDLIDVLTK	AGAP009176-PA	C1(Carbamidomethyl)	78	1.61E-07	1	1999.060	3.5	Midgut	3R:+:28144050-28144103	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_41367	LGADALPGDLATQDCILGLEFAGR	AGAP009176-PA	C15(Carbamidomethyl)	74	4.97E-07	2	2473.255	6.32	Larva	3R:+:28147127-28147198	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_41506	DLICNVLRPANGTPAPAWGTFR	AGAP009176-PA	C4(Carbamidomethyl), N11(Deamidated)	68	2.12E-06	1	2427.237	5.21	Salivary gland	3R:+:28146842-28146907	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_42031	SKDDEEFVGLVNEIHSR	AGAP009176-PA	-	79	2.31E-07	1	1973.956	-0.37	Male reproductive organs	3R:+:28143801-28143851	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_42095	LDNQSNAPSLPVEHAYINALTK	AGAP009176-PA	-	43	0.000544544	1	2395.229	1.69	Midgut	3R:+:28146917-28146982	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_42130	VELFTVEGDHR	AGAP009176-PA	-	76	3.32E-07	1	1301.650	1.11	Head	3R:+:28150215-28150247	exon=> In CDS Exon 7 of transcript AGAP009176-PA
JHU_Ag_42337	AFDESGNGYVR	AGAP009176-PA	N7(Deamidated)	42	0.000316959	2	1215.529	0.74	Larva	3R:+:28143111-28143143	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_42439	GYDYADMFR	AGAP009176-PA	-	56	8.99E-06	2	1137.470	2.64	Head	3R:+:28145651-28145677	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_43553	AGFTLVSTQVCEK	AGAP009176-PA	C11(Carbamidomethyl)	91	1.29E-08	2	1439.721	0.89	Male reproductive organs	3R:+:28146497-28146535	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_43670	FEEVTAADTR	AGAP009176-PA	-	39	0.001384052	2	1138.538	0.3	Head	3R:+:28141303-28141332	exon=> In CDS Exon 1 of transcript AGAP009176-PA
JHU_Ag_43990	RQGTQAPPTLEK	AGAP009176-PA	-	51	7.18E-05	1	1325.710	-5.65	Head	3R:+:28145978-28146013	exon=> In CDS Exon 5 of transcript AGAP009176-PA

JHU_Ag_44719	TTEAVEAFLDQAAK	AGAP009176-PA	-	126	4.06E-12	2	1493.752	2.32	Visceras	3R:+:28143759-28143800	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_46735	LVKPTENYAK	AGAP009176-PA	-	34	0.003804269	1	1162.647	0.59	Pupa	3R:+:28150043-28150072	exon=> In CDS Exon 6 of transcript AGAP009176-PA
JHU_Ag_47099	TTEAVEAFLDQAAK	AGAP009176-PA	-	97	3.26E-09	1	1493.756	4.85	Larva	3R:+:28143759-28143800	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_47148	FDLNNNSPLGMSVFLK	AGAP009176-PA	N6(Deamidated),M11(Oxidation)	80	1.69E-07	2	1811.894	-3.05	Head	3R:+:28147694-28147741	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_47270	MLLECTHEAIIDAGINPQEIR	AGAP009176-PA	M1(Oxidation), C5(Carbamidomethyl)	52	0.00010586	1	2439.208	2.95	Head	3R:+:28141665-28141704,28142752-28142774	exon=> In CDS Exon 2 and 3 of transcript AGAP009176-PA
JHU_Ag_47302	ELYLPTR	AGAP009176-PA	-	34	0.004658809	1	891.495	1.78	Head	3R:+:28145792-28145812	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_47897	HGPVGGVFNLAAVLR	AGAP009176-PA	-	106	9.88E-11	1	1506.857	1.71	Visceras	3R:+:28148261-28148305	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_48065	VVIDTNDVTTLK	AGAP009176-PA	-	98	1.79E-09	1	1317.728	1.42	Head	3R:+:28148192-28148227	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_48277	VIADLNAQGIFAK	AGAP009176-PA	-	104	2.99E-10	1	1359.763	0.24	Head	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_48498	HLEMVANLTQTGDDR	AGAP009176-PA	M4(Oxidation)	64	5.46E-06	2	1715.806	2.56	Larva	3R:+:28145843-28145887	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_50087	LQGDYGLSDLCQQK	AGAP009176-PA	C11(Carbamidomethyl)	81	9.28E-08	1	1624.761	-1.88	Midgut	3R:+:28150073-28150099,28150200-28150214	exon=> In CDS Exon 6 and 7 of transcript AGAP009176-PA
JHU_Ag_50272	LQGDYGLSDLCQQK	AGAP009176-PA	C11(Carbamidomethyl)	85	4.31E-08	1	1624.767	2.17	Head	3R:+:28150073-28150099,28150200-28150214	exon=> In CDS Exon 6 and 7 of transcript AGAP009176-PA
JHU_Ag_50444	DLMQLEVFHNSIYR	AGAP009176-PA	M3(Oxidation)	59	2.45E-05	1	1780.876	3.88	Salivary gland	3R:+:28144008-28144049	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_50969	ATILPK	AGAP009176-PA	-	23	0.00389997	1	642.419	0.57	Head	3R:+:28145429-28145446	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_51328	VIADLNAQGIFAK	AGAP009176-PA	-	68	1.22E-06	2	1359.763	-0.03	Midgut	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_51525	APLLIGSVK	AGAP009176-PA	-	34	0.000707048	1	897.577	0.56	Head	3R:+:28143423-28143449	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_51568	LYRPITYPVGR	AGAP009176-PA	-	62	3.38E-06	1	1334.760	1.47	Head	3R:+:28145009-28145041	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_51748	LYSSGAQPQVQK	AGAP009176-PA	-	55	5.49E-05	2	1305.682	1.83	Ovary	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_51771	SPENTMAGTVQAIIEGEPTLASDVAVATTHQPDSLVQHYGESGVR	AGAP009176-PA	M6(Oxidation)	61	7.24E-06	1	4679.282	6.13	Visceras	3R:+:28146167-28146301	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_52120	KVFVLVRPTIAELAQR	AGAP009176-PA	-	37	4.93E-05	1	1840.125	4.53	Salivary gland	3R:+:28146536-28146583	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_52339	GYTVVAGDGQSQTVR	AGAP009176-PA	-	47	0.000312732	2	1537.765	2.84	Ovary	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_52463	YIADAAPK	AGAP009176-PA	-	40	0.001360954	2	848.451	-0.36	Male reproductive organs	3R:+:28144539-28144562	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_52623	SVVIALTER	AGAP009176-PA	-	45	0.000233069	2	987.588	4.81	Malpighian tubule	3R:+:28146587-28146613	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_52760	DGLLENSTEADFR	AGAP009176-PA	-	92	7.19E-09	2	1466.677	0.9	Head	3R:+:28148306-28148344	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_53511	LYRPITYPVGR	AGAP009176-PA	-	34	0.001730663	1	1334.757	-0.72	Male reproductive organs	3R:+:28145009-28145041	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_56009	DHANNMIFLLSNLGK	AGAP009176-PA	M6(Oxidation)	53	9.54E-05	2	1702.864	3.59	Salivary gland	3R:+:28144845-28144888,28144972-28144972	exon=> In CDS Exon 3 and 4 of transcript AGAP009176-PA

JHU_Ag_56341	ISDVLQK	AGAP009176-PA	-	44	0.000720507	2	802.467	0.12	Male reproductive organs	3R:+:28150278-28150298	exon=> In CDS Exon 7 of transcript AGAP009176-PA
JHU_Ag_57429	HGPVGGVFNLAAVLR	AGAP009176-PA	-	39	0.000389474	1	1506.858	2.33	Salivary gland	3R:+:28148261-28148305	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_58100	VIADLNAQGIFAK	AGAP009176-PA	-	91	6.19E-09	2	1359.763	-0.03	Male reproductive organs	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_58121	HGPVGGVFNLAAVLR	AGAP009176-PA	-	63	1.72E-06	1	1506.860	4.09	Malpighian tubule	3R:+:28148261-28148305	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_59067	ILIAMEEGVIPGNLHYNSPNK	AGAP009176-PA	M5(Oxidation)	102	7.79E-10	1	2325.204	5.48	Larva	3R:+:28143501-28143563	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_59277	AGDTCQLLLVDGSPR	AGAP009176-PA	C5(Carbamidomethyl)	74	6.31E-07	2	1601.797	1.34	Visceras	3R:+:28149365-28149409	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_59546	YVFVPNANEKELAEGNSEK	AGAP009176-PA	-	37	0.003028096	1	2138.042	0.69	Head	3R:+:28146014-28146070	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_60466	DLICNVLRPANGTPAPAWGTFR	AGAP009176-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), N11(Deamidated)"	134	4.66E-13	1	2427.236	4.98	Head	3R:+:28146842-28146907	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_60600	YVSWYTEAQKQR	AGAP009176-PA	-	79	1.59E-07	1	1558.769	2.84	Malpighian tubule	3R:+:28149410-28149445	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_61288	GVDLVLNSLAEEK	AGAP009176-PA	-	42	0.000706171	2	1386.750	2.06	Ovary	3R:+:28147598-28147636	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_61593	LQGDYGLSDLCQQK	AGAP009176-PA	C11(Carbamidomethyl)	104	5.89E-10	1	1624.765	0.67	Salivary gland	3R:+:28150073-28150099,28150200-28150214	exon=> In CDS Exon 6 and 7 of transcript AGAP009176-PA
JHU_Ag_62713	VAEASFER	AGAP009176-PA	-	43	0.000996962	2	908.448	0.38	Head	3R:+:28146143-28146166	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_63017	VFVLVRPTIAELAQR	AGAP009176-PA	-	68	1.89E-07	1	1712.024	1.06	Visceras	3R:+:28146539-28146583	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_63199	AITAAVHLVIENSAGALK	AGAP009176-PA	-	60	2.55E-06	1	1778.017	-0.01	Midgut	3R:+:28146083-28146136	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_64284	VFVLVRPTIAELAQR	AGAP009176-PA	-	97	2.28E-10	1	1712.027	3.09	Salivary gland	3R:+:28146539-28146583	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_64543	RQGTQAPPTLEK	AGAP009176-PA	-	44	0.000314119	1	1325.721	3.01	Malpighian tubule	3R:+:28145978-28146013	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_64591	DGLLENSTEADFR	AGAP009176-PA	-	53	5.30E-05	2	1466.674	-1.26	Ovary	3R:+:28148306-28148344	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_64849	YVSWYTEAQK	AGAP009176-PA	-	40	0.001413144	2	1274.605	-0.04	Head	3R:+:28149410-28149439	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_65728	DVIPACHNSADSVTISGPVSSVSK	AGAP009176-PA	C6(Carbamidomethyl)	40	0.001713675	1	2427.184	0.84	Male reproductive organs	3R:+:28144392-28144463	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_65790	DCSFEQLVMR	AGAP009176-PA	C2(Carbamidomethyl), M9(Oxidation)	40	0.000669407	2	1300.574	6.18	Salivary gland	3R:+:28147553-28147582	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_65900	LIRETYEEIGLSPADVTYVEAHGTGTK	AGAP009176-PA	-	55	3.49E-05	1	2949.489	1.61	Malpighian tubule	3R:+:28143285-28143365	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_66289	TPVVIENAVFHR	AGAP009176-PA	-	81	6.19E-08	1	1381.764	3.97	Larva	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_66824	ELAEGNSEKAR	AGAP009176-PA	-	40	0.001620917	1	1203.601	3.46	Malpighian tubule	3R:+:28146044-28146076	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_67314	SFGWVEELK	AGAP009176-PA	-	34	0.005342647	2	1094.553	1.06	Head	3R:+:28146614-28146640	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_67565	QGTQAPPTLEK	AGAP009176-PA	-	43	0.000489246	2	1169.618	1.47	Head	3R:+:28145981-28146013	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_67820	LQGDYGLSDLCQQK	AGAP009176-PA	C11(Carbamidomethyl)	92	7.52E-09	1	1624.763	-0.38	Male reproductive organs	3R:+:28150073-28150099,28150200-28150214	exon=> In CDS Exon 6 and 7 of transcript AGAP009176-PA

JHU_Ag_68237	LYFIQDR	AGAP009176-PA	-	49	0.000119989	2	954.507	2.44	Salivary gland	3R:+:28146767-28146787	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_69688	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	55	3.34E-05	1	2447.276	3.32	Midgut	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_69756	IYASVLNVR	AGAP009176-PA	-	49	7.36E-05	2	1034.599	-0.4	Male reproductive organs	3R:+:28143195-28143221	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_69779	APQYSLK	AGAP009176-PA	-	38	0.002156769	1	806.444	4.34	Salivary gland	3R:+:28149611-28149631	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_69935	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	87	2.42E-08	1	2447.272	1.74	Malpighian tubule	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_70078	IVQPAPK	AGAP009176-PA	-	43	0.00010472	1	752.470	5.04	Malpighian tubule	3R:+:28147970-28147990	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_70368	TELCTVYYAPINFRDVMLSSGK	AGAP009176-PA	C4(Carbamidomethyl), M17(Oxidation)	65	4.55E-06	1	2580.262	5.53	Malpighian tubule	3R:+:28147061-28147126	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_70970	FDLNNNSPLGMSVFLK	AGAP009176-PA	M11(Oxidation)	59	1.79E-05	2	1811.913	7.26	Larva	3R:+:28147694-28147741	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_70995	DVIPACHNSADSVTISGPVSSVSK	AGAP009176-PA	C6(Carbamidomethyl)	33	0.007417893	1	2427.183	0.24	Ovary	3R:+:28144392-28144463	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_71812	SFDLVLSAAEIR	AGAP009176-PA	-	67	2.15E-06	2	1320.720	2.96	Malpighian tubule	3R:+:28148873-28148908	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_71920	SSGIAFHSR	AGAP009176-PA	-	58	3.05E-05	1	961.488	2.91	Malpighian tubule	3R:+:28144512-28144538	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_72034	WDHSINWFLAK	AGAP009176-PA	-	48	0.000221448	2	1416.708	1.57	Visceras	3R:+:28145072-28145104	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_72294	KAPLLIGSVK	AGAP009176-PA	-	35	8.73E-05	2	1025.675	2.74	Malpighian tubule	3R:+:28143420-28143449	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_73103	IYASVLNVR	AGAP009176-PA	-	42	0.000444543	2	1034.598	-1.46	Head	3R:+:28143195-28143221	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_73334	AITAAVHLVIENSAGALK	AGAP009176-PA	-	92	1.60E-09	1	1778.018	0.47	Visceras	3R:+:28146083-28146136	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_73542	LPESSNIDEFKR	AGAP009176-PA	-	103	8.77E-10	1	1434.721	-0.81	Midgut	3R:+:28141455-28141490	exon=> In CDS Exon 2 of transcript AGAP009176-PA
JHU_Ag_74244	SKDDEEFVGLVNEIHSR	AGAP009176-PA	-	54	7.80E-05	1	1973.962	2.96	Larva	3R:+:28143801-28143851	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_74559	TPVVIENAVFHR	AGAP009176-PA	-	69	1.27E-06	1	1381.759	0.38	Pupa	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_74624	DVMLSSGK	AGAP009176-PA	M3(Oxidation)	46	0.000266922	1	852.415	1.73	Head	3R:+:28147103-28147126	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_75153	VVIDTNDVTTLK	AGAP009176-PA	-	78	1.55E-07	1	1317.728	1.51	Salivary gland	3R:+:28148192-28148227	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_75248	TPVVIENAVFHR	AGAP009176-PA	-	69	1.01E-06	2	1381.763	3.09	Salivary gland	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_75409	LYFIQDR	AGAP009176-PA	-	38	0.001396394	2	954.508	3.97	Larva	3R:+:28146767-28146787	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_75590	LGADALPGDLATQDCILGLEFAGR	AGAP009176-PA	C15(Carbamidomethyl)	92	7.39E-09	2	2473.239	-0.29	Visceras	3R:+:28147127-28147198	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_75694	KAPLLIGSVK	AGAP009176-PA	-	19	0.003419322	2	1025.674	1.78	Larva	3R:+:28143420-28143449	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_77135	DVAAGAIEQNCHLAIGYDTFGRADPDTILR	AGAP009176-PA	C11(Carbamidomethyl)	101	9.88E-10	1	3259.579	-0.23	Malpighian tubule	3R:+:28146314-28146403	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_77468	AGDTCQLLLVDGSPR	AGAP009176-PA	C5(Carbamidomethyl)	82	9.37E-08	1	1601.795	-0.26	Salivary gland	3R:+:28149365-28149409	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_77713	ETYEEIGLSPADVTYVEAHGTGTK	AGAP009176-PA	-	39	0.002024239	3	2567.237	8.61	Malpighian tubule	3R:+:28143294-28143365	exon=> In CDS Exon 3 of transcript AGAP009176-PA

JHU_Ag_77772	RDHANNMIFLLSNLGK	AGAP009176-PA	M7(Oxidation)	59	1.72E-05	1	1858.961	0.82	Head	3R:+:28144842-28144888,28144972-28144972	exon=> In CDS Exon 3 and 4 of transcript AGAP009176-PA
JHU_Ag_78912	LYSSGAQPQVQK	AGAP009176-PA	-	66	4.24E-06	2	1305.683	2.68	Malpighian tubule	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_78992	TPVVIENAVFHR	AGAP009176-PA	-	68	1.49E-06	1	1381.760	0.79	Ovary	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_79321	DVIPACHNSADSVTISGPVSSVSK	AGAP009176-PA	C6(Carbamidomethyl)	90	1.69E-08	2	2427.193	4.44	Larva	3R:+:28144392-28144463	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_79840	AGDTCQLLLVDGSPR	AGAP009176-PA	C5(Carbamidomethyl)	96	4.19E-09	1	1601.800	2.79	Head	3R:+:28149365-28149409	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_79884	DGLLENSTEADFR	AGAP009176-PA	-	72	7.35E-07	2	1466.677	0.82	Salivary gland	3R:+:28148306-28148344	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_80186	DVAAGAIEQNCHLAIGYDTFGR	AGAP009176-PA	C11(Carbamidomethyl)	102	7.23E-10	1	2378.118	-0.43	Head	3R:+:28146314-28146379	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_80426	VIADLNAQGIFAK	AGAP009176-PA	-	91	6.72E-09	2	1359.768	3.29	Salivary gland	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_80624	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	48	0.000154739	1	2447.280	4.89	Larva	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_80945	DLMQLEVFHNSIYR	AGAP009176-PA	M3(Oxidation)	100	1.58E-09	1	1780.875	3.54	Larva	3R:+:28144008-28144049	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_81107	VGDPQEVNAITDFFCK	AGAP009176-PA	C15(Carbamidomethyl)	135	4.80E-13	1	1839.863	2.55	Visceras	3R:+:28143366-28143413	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_81296	DEDAYLAGHTIDGR	AGAP009176-PA	-	45	0.000379824	1	1532.702	2.81	Head	3R:+:28145273-28145314	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_81376	VIADLNAQGIFAK	AGAP009176-PA	-	80	8.10E-08	2	1359.763	0.06	Pupa	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_81548	SLATTCVAQR	AGAP009176-PA	C6(Carbamidomethyl)	50	0.000176116	2	1106.563	0.21	Head	3R:+:28147241-28147270	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_82572	SNMGHSEPASGVCSIAK	AGAP009176-PA	M3(Oxidation), C13(Carbamidomethyl)	44	0.000365 63	2	1747.777	1.66	Head	3R:+:28143450-28143500	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_82589	LYSSGAQPQVQK	AGAP009176-PA	-	59	1.86E-05	2	1305.680	-0.13	Salivary gland	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_82817	SFDLVLSAAEIR	AGAP009176-PA	-	97	2.32E-09	2	1320.719	2.32	Visceras	3R:+:28148873-28148908	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_83018	VLFPATGYLTLAWR	AGAP009176-PA	-	64	2.30E-06	2	1607.899	2.94	Midgut	3R:+:28145315-28145356	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_83319	AITGELQWR	AGAP009176-PA	-	53	9.43E-05	1	1073.573	-0.88	Head	3R:+:28145702-28145728	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_83486	CAEALRPEGVDLIDVLTK	AGAP009176-PA	C1(Carbamidomethyl)	114	4.57E-11	1	1999.056	1.76	Visceras	3R:+:28144050-28144103	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_83891	TELCTVYYAPINFR	AGAP009176-PA	C4(Carbamidomethyl)	53	8.38E-05	1	1746.856	2.56	Midgut	3R:+:28147061-28147102	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_84509	LYSSGAQPQVQK	AGAP009176-PA	-	78	2.33E-07	1	1305.680	0.15	Pupa	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_86455	SVVIALTER	AGAP009176-PA	-	52	5.11E-05	2	987.588	4.56	Salivary gland	3R:+:28146587-28146613	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_86844	SDGCVVTFLQR	AGAP009176-PA	C4(Carbamidomethyl)	60	1.65E-05	2	1281.630	3.53	Malpighian tubule	3R:+:28143144-28143176	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_87494	TTEAVEAFLDQAAK	AGAP009176-PA	-	113	7.30E-11	2	1493.751	1.91	Head	3R:+:28143759-28143800	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_87501	SKDDEEFVGLVNEIHSR	AGAP009176-PA	-	128	2.92E-12	1	1973.964	4.08	Malpighian tubule	3R:+:28143801-28143851	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_87871	GLYDLPTR	AGAP009176-PA	-	40	0.001462597	2	934.499	-0.69	Male reproductive organs	3R:+:28141545-28141568	exon=> In CDS Exon 2 of transcript AGAP009176-PA

JHU_Ag_87972	VLFPATGYLTLAWR	AGAP009176-PA	-	56	1.46E-05	2	1607.898	2.1	Visceras	3R:+:28145315-28145356	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_88034	APQYSLK	AGAP009176-PA	-	36	0.002955219	2	806.440	-0.35	Head	3R:+:28149611-28149631	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_88063	TELCTVYYAPINFR	AGAP009176-PA	C4(Carbamidomethyl)	47	0.000342601	2	1746.863	6.48	Salivary gland	3R:+:28147061-28147102	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_89387	VGDPQEVNAITDFFCK	AGAP009176-PA	C15(Carbamidomethyl)	100	1.42E-09	1	1839.862	1.82	Head	3R:+:28143366-28143413	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_89855	AGDTCQLLLVDGSPR	AGAP009176-PA	C5(Carbamidomethyl)	89	1.87E-08	2	1601.797	1.11	Male reproductive organs	3R:+:28149365-28149409	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_90048	SFDLVLSAAEIR	AGAP009176-PA	-	98	1.81E-09	2	1320.717	0.93	Salivary gland	3R:+:28148873-28148908	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_90166	SDGCVVTFLQR	AGAP009176-PA	C4(Carbamidomethyl)	85	4.80E-08	1	1281.626	-0.09	Head	3R:+:28143144-28143176	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_90831	APQYSLKLLATTAK	AGAP009176-PA	-	49	2.68E-05	1	1504.878	3.28	Malpighian tubule	3R:+:28149611-28149634,28149956-28149973	exon=> In CDS Exon 5 and 6 of transcript AGAP009176-PA
JHU_Ag_91198	LMVASGR	AGAP009176-PA	M2(Oxidation)	50	0.000145988	2	749.401	5	Malpighian tubule	3R:+:28143738-28143758	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_91235	CAEALRPEGVDLIDVLTK	AGAP009176-PA	C1(Carbamidomethyl)	36	0.002734244	1	1999.058	2.41	Malpighian tubule	3R:+:28144050-28144103	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_91699	AFDESGNGYVR	AGAP009176-PA	-	57	1.54E-05	1	1214.543	-0.35	Head	3R:+:28143111-28143143	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_92253	GVDLVLNSLAEEK	AGAP009176-PA	-	78	1.83E-07	2	1386.752	3.2	Visceras	3R:+:28147598-28147636	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_92467	LVKPTENYAK	AGAP009176-PA	-	51	7.95E-05	1	1162.645	-1.29	Head	3R:+:28150043-28150072	exon=> In CDS Exon 6 of transcript AGAP009176-PA
JHU_Ag_94105	GYTVVAGDGQSQTVR	AGAP009176-PA	-	57	3.42E-05	2	1537.758	-1.52	Midgut	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_94216	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	72	8.30E-07	1	2447.269	0.55	Male reproductive organs	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_95213	VAEASFERSPENTMAGTVQAIIEGEPTLASDVAVATTHQPDSLVQHYGESGVR	AGAP009176-PA	M14(Oxidation)	53	2.47E-05	1	5568.722	7.14	Malpighian tubule	3R:+:28146143-28146301	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_95214	AGDTCQLLLVDGSPR	AGAP009176-PA	C5(Carbamidomethyl)	107	3.37E-10	1	1601.804	5.61	Malpighian tubule	3R:+:28149365-28149409	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_95456	ETYEEIGLSPADVTYVEAHGTGTK	AGAP009176-PA	-	65	4.37E-06	1	2567.216	0.27	Midgut	3R:+:28143294-28143365	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_95750	LYSSGAQPQVQK	AGAP009176-PA	-	57	3.63E-05	2	1305.678	-1.34	Visceras	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_96776	SKDDEEFVGLVNEIHSR	AGAP009176-PA	-	111	1.52E-10	1	1973.956	-0.1	Visceras	3R:+:28143801-28143851	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_96880	VGDPQEVNAITDFFCK	AGAP009176-PA	C15(Carbamidomethyl)	77	2.63E-07	2	1839.865	3.42	Salivary gland	3R:+:28143366-28143413	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_96948	LISAIPR	AGAP009176-PA	-	44	4.68E-05	1	769.493	0.41	Head	3R:+:28147991-28148011	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_97280	LRAITAAVHLVIENSAGALK	AGAP009176-PA	-	52	5.77E-06	1	2047.210	3.53	Malpighian tubule	3R:+:28146077-28146136	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_97498	ADGFVLLEESR	AGAP009176-PA	-	74	8.19E-07	2	1235.627	-0.06	Midgut	3R:+:28146425-28146457	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_97927	VVIDTNDVTTLK	AGAP009176-PA	-	38	0.002055332	2	1317.725	-0.62	Visceras	3R:+:28148192-28148227	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_99804	AITAAVHLVIENSAGALKIK	AGAP009176-PA	-	50	2.88E-06	1	2019.206	5.02	Malpighian tubule	3R:+:28146083-28146142	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_101661	LTIPEKIEQEELPLNK	AGAP009176-PA	-	48	6.51E-05	2	1894.056	1.55	Head	3R:+:28145537-28145584	exon=> In CDS Exon 5 of transcript AGAP009176-PA

JHU_Ag_102529	LYSSGAQPQVQK	AGAP009176-PA	-	89	1.99E-08	1	1305.680	0.06	Male reproductive organs	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_102782	KAPLLIGSVK	AGAP009176-PA	-	48	7.16E-06	1	1025.673	1.31	Salivary gland	3R:+:28143420-28143449	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_103121	GYTVVAGDGQSQTVR	AGAP009176-PA	-	110	1.62E-10	1	1537.761	0.38	Head	3R:+:28143876-28143920	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_103432	TGVYIGCSNSETEQHWCADPDLVNGYGLTGCAR	AGAP009176-PA	C7(Carbamidomethyl), C17(Carbamidomethyl), C31(Carbamidomethyl)	32	0.003094605	1	3687.604	3.9	Malpighian tubule	3R:+:28142784-28142882	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_103708	VVIDTNDVTTLK	AGAP009176-PA	-	44	0.000431557	1	1317.723	-2.01	Ovary	3R:+:28148192-28148227	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_104348	GNQGQVNYGLANSAMER	AGAP009176-PA	M15(Oxidation)	85	3.37E-08	2	1824.834	2.73	Malpighian tubule	3R:+:28148456-28148506	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_104820	SFGWVEELK	AGAP009176-PA	-	60	1.55E-05	2	1094.551	-0.61	Visceras	3R:+:28146614-28146640	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_105394	VAEASFER	AGAP009176-PA	-	47	0.000412971	2	908.446	-1.16	Male reproductive organs	3R:+:28146143-28146166	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_105556	LYSSGAQPQVQK	AGAP009176-PA	-	93	7.38E-09	1	1305.681	0.62	Head	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_105694	SNPKPKPISPK	AGAP009176-PA	-	44	0.000104272	1	1192.709	3.47	Malpighian tubule	3R:+:28143687-28143719	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_105833	CAEALRPEGVDLIDVLTK	AGAP009176-PA	C1(Carbamidomethyl)	127	2.32E-12	1	1999.057	2.13	Head	3R:+:28144050-28144103	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_106317	SLATTCVAQR	AGAP009176-PA	C6(Carbamidomethyl)	68	2.35E-06	2	1106.566	3.3	Malpighian tubule	3R:+:28147241-28147270	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_106417	SKDDEEFVGLVNEIHSR	AGAP009176-PA	-	119	2.58E-11	1	1973.960	1.85	Head	3R:+:28143801-28143851	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_107193	DHANNMIFLLSNLGK	AGAP009176-PA	M6(Oxidation)	58	2.58E-05	3	1702.865	4.15	Malpighian tubule	3R:+:28144845-28144888,28144972-28144972	exon=> In CDS Exon 3 and 4 of transcript AGAP009176-PA
JHU_Ag_107517	SKDDEEFVGLVNEIHSR	AGAP009176-PA	-	86	5.28E-08	1	1973.956	-0.37	Midgut	3R:+:28143801-28143851	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_108532	GLYDLPTR	AGAP009176-PA	-	42	0.001150387	2	934.502	2.83	Malpighian tubule	3R:+:28141545-28141568	exon=> In CDS Exon 2 of transcript AGAP009176-PA
JHU_Ag_108579	SFGWVEELK	AGAP009176-PA	-	55	4.57E-05	2	1094.553	1.4	Larva	3R:+:28146614-28146640	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_108873	SFDLVLSAAEIR	AGAP009176-PA	-	96	2.81E-09	2	1320.718	1.48	Head	3R:+:28148873-28148908	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_108877	GNQGQVNYGLANSAMER	AGAP009176-PA	M15(Oxidation)	93	5.46E-09	2	1824.827	-1.22	Head	3R:+:28148456-28148506	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_110300	SGAVRPLPTSVFTEQQVEQAFR	AGAP009176-PA	-	115	3.40E-11	1	2447.267	-0.35	Salivary gland	3R:+:28147838-28147903	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_110328	LYRPITYPVGR	AGAP009176-PA	-	58	6.70E-06	1	1334.765	5.13	Malpighian tubule	3R:+:28145009-28145041	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_110468	SSGIAFHSR	AGAP009176-PA	-	50	0.000232258	2	961.485	0.44	Head	3R:+:28144512-28144538	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_110471	DQGITYPIGEMQK	AGAP009176-PA	M11(Oxidation)	74	6.35E-07	1	1479.718	1.91	Head	3R:+:28143243-28143281	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_110477	SLATTCVAQR	AGAP009176-PA	C6(Carbamidomethyl)	46	0.000436932	2	1106.562	-0.56	Male reproductive organs	3R:+:28147241-28147270	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_110837	DHANNMIFLLSNLGK	AGAP009176-PA	M6(Oxidation)	76	4.28E-07	2	1702.864	3.23	Head	3R:+:28144845-28144888,28144972-28144972	exon=> In CDS Exon 3 and 4 of transcript AGAP009176-PA
JHU_Ag_110841	LDAEFFK	AGAP009176-PA	-	40	0.000634247	2	869.441	0.94	Head	3R:+:28141602-28141622	exon=> In CDS Exon 2 of transcript AGAP009176-PA

JHU_Ag_110878	ALGKDATNLSLMK	AGAP009176-PA	M12(Oxidation)	48	0.000169499	2	1377.745	3.41	Malpighian tubule	3R:+:28144803-28144841	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_111740	VIADLNAQGIFAK	AGAP009176-PA	-	115	2.51E-11	1	1359.768	3.38	Malpighian tubule	3R:+:28144464-28144502	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_111762	LYSSGAQPQVQK	AGAP009176-PA	-	78	2.37E-07	1	1305.683	2.11	Larva	3R:+:28144973-28145008	exon=> In CDS Exon 4 of transcript AGAP009176-PA
JHU_Ag_112056	AITAAVHLVIENSAGALK	AGAP009176-PA	-	96	5.22E-10	1	1778.028	6.17	Malpighian tubule	3R:+:28146083-28146136	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_112155	VGDPQEVNAITDFFCKDR	AGAP009176-PA	C15(Carbamidomethyl)	65	4.37E-06	1	2110.994	3.54	Head	3R:+:28143366-28143419	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_112487	TTEAVEAFLDQAAK	AGAP009176-PA	-	80	1.66E-07	2	1493.750	0.93	Male reproductive organs	3R:+:28143759-28143800	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_112741	ETYEEIGLSPADVTYVEAHGTGTK	AGAP009176-PA	-	65	4.37E-06	1	2567.215	0.05	Male reproductive organs	3R:+:28143294-28143365	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_113940	KAPLLIGSVK	AGAP009176-PA	-	23	0.002163777	2	1025.672	-0.12	Midgut	3R:+:28143420-28143449	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_114381	ISFTFDFK	AGAP009176-PA	-	43	0.001041937	2	1004.513	4.23	Larva	3R:+:28142901-28142924	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_114593	LQGDYGLSDLCQQK	AGAP009176-PA	C11(Carbamidomethyl)	37	0.00296052	2	1624.773	5.93	Larva	3R:+:28150073-28150099,28150200-28150214	exon=> In CDS Exon 6 and 7 of transcript AGAP009176-PA
JHU_Ag_115314	DLMQLEVFHNSIYR	AGAP009176-PA	M3(Oxidation)	79	2.11E-07	2	1780.870	0.45	Male reproductive organs	3R:+:28144008-28144049	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_115614	TPVVIENAVFHR	AGAP009176-PA	-	104	3.97E-10	1	1381.762	2.03	Head	3R:+:28145393-28145428	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_116425	ILIAMEEGVIPGNLHYNSPNK	AGAP009176-PA	M5(Oxidation)	74	4.09E-07	1	2325.209	8	Male reproductive organs	3R:+:28143501-28143563	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_116433	DVIPACHNSADSVTISGPVSSVSK	AGAP009176-PA	C6(Carbamidomethyl)	77	3.05E-07	1	2427.187	2.2	Head	3R:+:28144392-28144463	exon=> In CDS Exon 3 of transcript AGAP009176-PA
JHU_Ag_117214	SFDLVLSAAEIR	AGAP009176-PA	-	91	7.21E-09	1	1320.725	7.21	Larva	3R:+:28148873-28148908	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_117601	HGPVGGVFNLAAVLR	AGAP009176-PA	-	113	1.64E-11	1	1506.858	2.84	Head	3R:+:28148261-28148305	exon=> In CDS Exon 5 of transcript AGAP009176-PA
JHU_Ag_27912	IVSPAEAGILLDLAR	AGAP009177-PA	-	66	3.95E-07	2	1537.904	6.21	Larva	3R:-:28153614-28153570	exon=> In CDS Exon 1 of transcript AGAP009177-PA
JHU_Ag_40763	IVSPAEAGILLDLAR	AGAP009177-PA	-	99	2.74E-10	1	1537.895	-0.06	Midgut	3R:-:28153614-28153570	exon=> In CDS Exon 1 of transcript AGAP009177-PA
JHU_Ag_62266	LSADALHLTHPTFFSR	AGAP009177-PA	-	47	0.000206493	1	1812.946	3.86	Head	3R:-:28153374-28153327	exon=> In CDS Exon 1 of transcript AGAP009177-PA
JHU_Ag_96724	IVSPAEAGILLDLAR	AGAP009177-PA	-	72	1.44E-07	2	1537.899	2.4	Head	3R:-:28153614-28153570	exon=> In CDS Exon 1 of transcript AGAP009177-PA
JHU_Ag_5161	YVLDYTDPAHVQNVASVGR	AGAP009178-PA	-	90	1.39E-08	1	2104.049	1.66	Head	3R:-:28155035-28155314,28154525-28154903	exon=> In CDS Exon 4 and 3 of transcript AGAP009178-PA
JHU_Ag_6883	WGYFVPAPQGIAYLQR	AGAP009178-PA	-	38	0.001853148	1	1865.972	1.11	Midgut	3R:-:28154698-28154651	exon=> In CDS Exon 4 of transcript AGAP009178-PA
JHU_Ag_41939	SPTQLLVR	AGAP009178-PA	-	49	0.00010217	1	913.546	-0.23	Head	3R:-:28155775-28155752	exon=> In CDS Exon 1 of transcript AGAP009178-PA
JHU_Ag_49556	SPTQLLVR	AGAP009178-PA	-	45	0.000246208	1	913.546	-0.7	Ovary	3R:-:28155775-28155752	exon=> In CDS Exon 1 of transcript AGAP009178-PA
JHU_Ag_93832	VFPYGSTPEAYER	AGAP009178-PA	-	45	0.000306278	2	1515.709	-1.78	Midgut	3R:-:28154611-28154573	exon=> In CDS Exon 4 of transcript AGAP009178-PA
JHU_Ag_109286	DGGIEFPLVLGR	AGAP009178-PA	-	61	1.12E-05	2	1272.697	1.45	Head	3R:-:28155576-28155541	exon=> In CDS Exon 2 of transcript AGAP009178-PA
JHU_Ag_58868	IQLLEK	AGAP009179-PA	Q2(Deamidated)	46	0.000292021	2	744.454	5.04	Male reproductive organs	3R:-:28156647-28156630	exon=> In CDS Exon 2 of transcript AGAP009179-PA

JHU_Ag_71133	IQLLEK	AGAP009179-PA	Q2(Deamidated)	43	0.000274258	2	744.449	-1.61	Head	3R:-:28156647-28156630	exon=> In CDS Exon 2 of transcript AGAP009179-PA
JHU_Ag_30755	VFREELVK	AGAP009180-PA	-	37	0.001444313	2	1019.587	-1.23	Pupa	3R:+:28173608-28173631	exon=> In CDS Exon 5 of transcript AGAP009180-PA
JHU_Ag_58795	DESTSSSSSSTLTR	AGAP009180-PA	-	91	5.65E-09	2	1531.675	2.03	Head	3R:+:28179339-28179383	exon=> In CDS Exon 19 of transcript AGAP009180-PA
JHU_Ag_574	ENSMIHELNR	AGAP009182-PA	-	32	0.007977779	1	1242.589	-0.36	Midgut	3R:-:28209062-28209033	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_3609	TWIDVSGSSAK	AGAP009182-PA	-	62	9.76E-06	2	1150.575	0.72	Salivary gland	3R:-:28209146-28209114	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_3728	IIEVGDTPK	AGAP009182-PA	-	39	0.001383191	1	971.540	-0.95	Midgut	3R:-:28209983-28209957	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_4873	FLEIIKPFCGILPEIAKPERK	AGAP009182-PA	C9(Carbamidomethyl)	39	0.000110769	1	2498.421	0.32	Midgut	3R:-:28210265-28210203	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_7077	GTLMELGISPIVTSGLIMQLLAGAK	AGAP009182-PA	M18(Oxidation),M4(Oxidation),"M4(Oxidation), M18(Oxidation)"	89	3.73E-09	2	2545.393	-1.87	Midgut	3R:-:28210058-28209984	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_10513	GQYSSYPIK	AGAP009182-PA	-	40	0.000850196	1	1042.522	1.51	Salivary gland	3R:-:28209458-28209432	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_15742	FLEIIKPFCGILPEIAKPER	AGAP009182-PA	C9(Carbamidomethyl)	102	1.26E-10	1	2370.342	6.81	Larva	3R:-:28210265-28210206	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_16680	GTEFEGAVIALFHLLATR	AGAP009182-PA	-	129	9.25E-13	1	1945.065	5.38	Larva	3R:-:28209662-28209609	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_18368	FLEIIKPFCGILPEIAKPER	AGAP009182-PA	C9(Carbamidomethyl)	125	7.08E-13	1	2370.333	3.02	Malpighian tubule	3R:-:28210265-28210206	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_19665	FHGNFLINLLGVWADVGGGGPAR	AGAP009182-PA	-	65	2.97E-06	3	2367.239	1.25	Midgut	3R:-:28209344-28209276	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_20855	ENSMIHELNR	AGAP009182-PA	-	64	4.54E-06	1	1242.592	1.61	Salivary gland	3R:-:28209062-28209033	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_25270	AFSPATVNTGR	AGAP009182-PA	-	51	0.000146728	2	1120.574	-0.19	Male reproductive organs	3R:-:28209695-28209663	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_26593	ALFNGAQK	AGAP009182-PA	N4(Deamidated)	39	0.001673302	1	848.462	-0.86	Midgut	3R:-:28209950-28209927	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_27787	AFSPATVNTGR	AGAP009182-PA	-	61	1.40E-05	1	1120.579	3.62	Larva	3R:-:28209695-28209663	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_28608	TWIDVSGSSAK	AGAP009182-PA	-	52	9.90E-05	1	1150.574	0.19	Male reproductive organs	3R:-:28209146-28209114	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_35457	GTLMELGISPIVTSGLIMQLLAGAK	AGAP009182-PA	M4(Oxidation), M18(Oxidation)	113	1.08E-11	1	2545.414	6.14	Larva	3R:-:28210058-28209984	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_36265	AFSPATVNTGR	AGAP009182-PA	-	43	0.00082892	2	1120.575	0.14	Head	3R:-:28209695-28209663	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_38064	IIEVGDTPK	AGAP009182-PA	-	44	0.000498749	1	971.540	-0.7	Salivary gland	3R:-:28209983-28209957	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_41251	FLEIIKPFCGILPEIAKPER	AGAP009182-PA	C9(Carbamidomethyl)	120	2.82E-12	1	2370.316	-3.93	Midgut	3R:-:28210265-28210206	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_45219	FLEIIKPFCGILPEIAKPER	AGAP009182-PA	C9(Carbamidomethyl)	124	8.51E-13	1	2370.333	3.25	Salivary gland	3R:-:28210265-28210206	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_46045	GTLMELGISPIVTSGLIMQLLAGAK	AGAP009182-PA	M4(Oxidation), M18(Oxidation)	60	2.13E-06	1	2545.424	10.16	Salivary gland	3R:-:28210058-28209984	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_51035	IIEVGDTPKDR	AGAP009182-PA	-	45	0.000353478	1	1242.669	-0.03	Malpighian tubule	3R:-:28209983-28209951	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_54272	AFSPATVNTGR	AGAP009182-PA	-	52	0.000110538	1	1120.575	0.25	Salivary gland	3R:-:28209695-28209663	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_56956	AFSPATVNTGR	AGAP009182-PA	-	51	0.000152585	2	1120.574	-0.41	Midgut	3R:-:28209695-28209663	exon=> In CDS Exon 1 of transcript AGAP009182-PA

JHU_Ag_64533	TWIDVSGSSAK	AGAP009182-PA	-	50	0.000145091	1	1150.574	-0.28	Midgut	3R:-:28209146-28209114	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_65923	GTLMELGISPIVTSGLIMQLLAGAK	AGAP009182-PA	M4(Oxidation), M18(Oxidation)	140	2.62E-14	1	2545.402	1.6	Ovary	3R:-:28210058-28209984	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_66921	ALFNGAQK	AGAP009182-PA	-	42	0.000879291	1	848.466	3.74	Larva	3R:-:28209950-28209927	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_67425	GTEFEGAVIALFHLLATR	AGAP009182-PA	-	130	9.26E-13	1	1945.055	0.39	Ovary	3R:-:28209662-28209609	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_69182	GTEFEGAVIALFHLLATR	AGAP009182-PA	-	97	1.16E-09	2	1945.070	8.02	Salivary gland	3R:-:28209662-28209609	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_70266	VILASNR	AGAP009182-PA	-	50	0.00013854	2	772.470	3.21	Male reproductive organs	3R:-:28210079-28210059	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_77371	YRGQYSSYPIK	AGAP009182-PA	-	45	0.000531917	1	1361.685	0.07	Salivary gland	3R:-:28209464-28209432	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_79892	GQYSSYPIK	AGAP009182-PA	-	44	0.000373088	1	1042.524	3.15	Larva	3R:-:28209458-28209432	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_83602	VILASNR	AGAP009182-PA	-	43	0.000795888	2	772.468	0.44	Ovary	3R:-:28210079-28210059	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_83720	IIEVGDTPK	AGAP009182-PA	-	49	0.000128717	1	971.544	2.76	Larva	3R:-:28209983-28209957	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_84797	VILASNR	AGAP009182-PA	-	44	0.000521017	2	772.469	1.86	Salivary gland	3R:-:28210079-28210059	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_87253	AFSPATVNTGR	AGAP009182-PA	-	47	0.000319046	1	1120.575	0.35	Malpighian tubule	3R:-:28209695-28209663	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_87913	GQYSSYPIK	AGAP009182-PA	-	35	0.002686844	1	1042.520	-0.48	Midgut	3R:-:28209458-28209432	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_93326	FLEIIKPFCGILPEIAKPER	AGAP009182-PA	C9(Carbamidomethyl)	89	2.99E-09	1	2370.328	0.85	Ovary	3R:-:28210265-28210206	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_97490	IIEVGDTPK	AGAP009182-PA	-	43	0.000507952	2	971.542	1.3	Malpighian tubule	3R:-:28209983-28209957	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_98877	ENSMIHELNR	AGAP009182-PA	M4(Oxidation)	48	0.000159603	1	1258.579	-4.07	Head	3R:-:28209062-28209033	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_114470	GTEFEGAVIALFHLLATR	AGAP009182-PA	-	151	7.27E-15	1	1945.054	-0.01	Midgut	3R:-:28209662-28209609	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_115731	IIEVGDTPK	AGAP009182-PA	-	46	0.000241343	1	971.543	1.81	Male reproductive organs	3R:-:28209983-28209957	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_116191	IIEVGDTPK	AGAP009182-PA	-	41	0.000911763	1	971.539	-1.91	Ovary	3R:-:28209983-28209957	exon=> In CDS Exon 1 of transcript AGAP009182-PA
JHU_Ag_5130	HIDTAVVYR	AGAP009187-PA	-	46	0.000464552	1	1073.572	-2	Ovary	3R:-:28572647-28572692,28572412-28572500	exon=> In CDS Exon 2 and 1 of transcript AGAP009187-PA
JHU_Ag_15671	TPVQVLLR	AGAP009187-PA	-	52	1.23E-05	1	925.582	-1.1	Head	3R:-:28571738-28571715	exon=> In CDS Exon 5 of transcript AGAP009187-PA
JHU_Ag_16246	EDIFITSK	AGAP009187-PA	-	45	0.000391939	1	952.500	1.37	Midgut	3R:-:28572439-28572416	exon=> In CDS Exon 2 of transcript AGAP009187-PA
JHU_Ag_17118	FAWNPETVV	AGAP009187-PA	-	51	0.000144631	2	1062.522	-3.07	Male reproductive organs	3R:-:28571573-28571547	exon=> In CDS Exon 5 of transcript AGAP009187-PA
JHU_Ag_23078	NEEYIGTALK	AGAP009187-PA	-	40	0.001439728	2	1137.577	-1.3	Ovary	3R:-:28572499-28572470	exon=> In CDS Exon 2 of transcript AGAP009187-PA
JHU_Ag_33407	REDIFITSK	AGAP009187-PA	-	57	2.22E-05	2	1108.597	-2.18	Pupa	3R:-:28572442-28572416	exon=> In CDS Exon 2 of transcript AGAP009187-PA
JHU_Ag_42991	WAIEQEVGILPK	AGAP009187-PA	-	39	0.000796131	2	1382.773	3.51	Malpighian tubule	3R:-:28571714-28571679	exon=> In CDS Exon 5 of transcript AGAP009187-PA
JHU_Ag_52267	REDIFITSK	AGAP009187-PA	-	51	8.23E-05	1	1108.600	0.03	Visceras	3R:-:28572442-28572416	exon=> In CDS Exon 2 of transcript AGAP009187-PA

JHU_Ag_54301	GIVPAVNQVEWHPYYYQPELLEYCR	AGAP009187-PA	C24(Carbamidomethyl)	49	0.000155921	1	3123.523	6.37	Male reproductive organs	3R:-:28572001-28572118,28571544-28571844	exon=> In CDS Exon 5 and 4 of transcript AGAP009187-PA
JHU_Ag_59294	REDIFITSK	AGAP009187-PA	-	42	0.000787698	1	1108.598	-1.3	Ovary	3R:-:28572442-28572416	exon=> In CDS Exon 2 of transcript AGAP009187-PA
JHU_Ag_61342	TPVQVLLR	AGAP009187-PA	-	43	9.61E-05	2	925.584	0.68	Salivary gland	3R:-:28571738-28571715	exon=> In CDS Exon 5 of transcript AGAP009187-PA
JHU_Ag_65838	REDIFITSK	AGAP009187-PA	-	37	0.002462964	2	1108.599	-0.64	Midgut	3R:-:28572442-28572416	exon=> In CDS Exon 2 of transcript AGAP009187-PA
JHU_Ag_66738	REDIFITSK	AGAP009187-PA	-	59	1.62E-05	1	1108.596	-3.61	Head	3R:-:28572442-28572416	exon=> In CDS Exon 2 of transcript AGAP009187-PA
JHU_Ag_72400	GIVPAVNQVEWHPYYYQPELLEYCR	AGAP009187-PA	C24(Carbamidomethyl)	101	1.04E-09	1	3123.508	1.45	Head	3R:-:28572001-28572118,28571544-28571844	exon=> In CDS Exon 5 and 4 of transcript AGAP009187-PA
JHU_Ag_75641	HIDTAVVYR	AGAP009187-PA	-	36	0.00461107	2	1073.570	-3.14	Head	3R:-:28572647-28572692,28572412-28572500	exon=> In CDS Exon 2 and 1 of transcript AGAP009187-PA
JHU_Ag_89809	TPVQVLLR	AGAP009187-PA	-	51	1.45E-05	2	925.582	-0.7	Male reproductive organs	3R:-:28571738-28571715	exon=> In CDS Exon 5 of transcript AGAP009187-PA
JHU_Ag_98618	TPVQVLLR	AGAP009187-PA	-	57	4.23E-06	2	925.583	0.09	Ovary	3R:-:28571738-28571715	exon=> In CDS Exon 5 of transcript AGAP009187-PA
JHU_Ag_104448	TPVQVLLR	AGAP009187-PA	-	59	2.60E-06	1	925.584	1.15	Malpighian tubule	3R:-:28571738-28571715	exon=> In CDS Exon 5 of transcript AGAP009187-PA
JHU_Ag_63972	APAAFGLVSFLLHEGVER	AGAP009188-PA	-	78	1.21E-07	1	1913.031	1.33	Ovary	3R:+:28574538-28574591	exon=> In CDS Exon 2 of transcript AGAP009188-PA
JHU_Ag_2174	GIDPPQALAPNMVPPSLR	AGAP009189-PA	M12(Oxidation)	68	1.91E-06	1	1888.990	-2.92	Head	3R:+:28578560-28578613	exon=> In CDS Exon 3 of transcript AGAP009189-PA
JHU_Ag_6176	NIYNVLSKPPK	AGAP009189-PA	-	70	7.50E-07	1	1272.733	1.37	Head	3R:+:28577635-28577667	exon=> In CDS Exon 2 of transcript AGAP009189-PA
JHU_Ag_8264	DVFLQSGVAQNK	AGAP009189-PA	-	50	0.000152702	2	1305.679	-0.24	Head	3R:+:28578425-28578460	exon=> In CDS Exon 3 of transcript AGAP009189-PA
JHU_Ag_18973	YEDPFNIEDPFADTEDDDK	AGAP009189-PA	-	48	4.91E-05	2	2274.925	2.43	Head	3R:+:28589052-28589108	exon=> In CDS Exon 11 of transcript AGAP009189-PA
JHU_Ag_20574	LAHIWALCDTNQSGK	AGAP009189-PA	C8(Carbamidomethyl)	68	2.59E-06	2	1713.839	0.45	Head	3R:+:28578461-28578505	exon=> In CDS Exon 3 of transcript AGAP009189-PA
JHU_Ag_21392	LTSQLQDTQLEISQVK	AGAP009189-PA	-	131	8.24E-13	1	1830.984	1.78	Head	3R:+:28582624-28582671	exon=> In CDS Exon 7 of transcript AGAP009189-PA
JHU_Ag_25947	SAIESNDPILVSDYSLK	AGAP009189-PA	-	106	3.41E-10	1	1850.940	0.8	Head	3R:+:28582735-28582785	exon=> In CDS Exon 7 of transcript AGAP009189-PA
JHU_Ag_30644	LIGLAQEGSEINLK	AGAP009189-PA	-	114	2.79E-11	1	1484.835	2.05	Head	3R:+:28577593-28577634	exon=> In CDS Exon 2 of transcript AGAP009189-PA
JHU_Ag_31966	SLQSELDTLTATLK	AGAP009189-PA	-	46	0.000263704	2	1519.827	3.55	Visceras	3R:+:28579656-28579664,28579736-28579768	exon=> In CDS Exon 4 and 5 of transcript AGAP009189-PA
JHU_Ag_40041	EANEIGALDAAK	AGAP009189-PA	-	64	5.19E-06	1	1201.605	-0.93	Head	3R:+:28577446-28577481	exon=> In CDS Exon 2 of transcript AGAP009189-PA
JHU_Ag_54247	AMVTQIQEYQR	AGAP009189-PA	M2(Oxidation)	58	2.38E-05	2	1382.670	-2.34	Head	3R:+:28582672-28582704	exon=> In CDS Exon 7 of transcript AGAP009189-PA
JHU_Ag_56276	SAIESNDPILVSDYSLKIEPEFR	AGAP009189-PA	-	39	0.001750211	1	2622.349	7.15	Malpighian tubule	3R:+:28582735-28582803	exon=> In CDS Exon 7 of transcript AGAP009189-PA
JHU_Ag_73434	LTSQLQDTQLEISQVK	AGAP009189-PA	-	47	0.000187342	2	1830.981	-0.16	Ovary	3R:+:28582624-28582671	exon=> In CDS Exon 7 of transcript AGAP009189-PA
JHU_Ag_81347	SDTDRDGLVSGLEIK	AGAP009189-PA	-	58	2.88E-05	1	1604.816	1.89	Head	3R:+:28578380-28578424	exon=> In CDS Exon 3 of transcript AGAP009189-PA

JHU_Ag_89793	SLQSELDTLTATLK	AGAP009189-PA	-	37	0.002071345	2	1519.826	3.22	Ovary	3R:+:28579656-28579664,28579736-28579768	exon=> In CDS Exon 4 and 5 of transcript AGAP009189-PA
JHU_Ag_98919	DEFGCDPFAILHAPTTAGQALSPSPSK	AGAP009189-PA	C5(Carbamidomethyl)	194	6.01E-19	1	2814.344	1.4	Head	3R:+:28583231-28583311	exon=> In CDS Exon 8 of transcript AGAP009189-PA
JHU_Ag_103416	LRDEEQSLEK	AGAP009189-PA	-	67	3.18E-06	1	1246.621	-5.05	Head	3R:+:28582561-28582590	exon=> In CDS Exon 7 of transcript AGAP009189-PA
JHU_Ag_110325	SVAPPRPESPSPALPPKK	AGAP009189-PA	-	36	0.001165749	1	1855.042	-1.11	Head	3R:+:28583312-28583365	exon=> In CDS Exon 8 of transcript AGAP009189-PA
JHU_Ag_111720	SLQSELDTLTATLK	AGAP009189-PA	-	114	4.43E-11	2	1519.827	3.38	Head	3R:+:28579656-28579664,28579736-28579768	exon=> In CDS Exon 4 and 5 of transcript AGAP009189-PA
JHU_Ag_112245	RLLEQEVAQK	AGAP009189-PA	-	49	9.31E-05	1	1213.688	-1.29	Head	3R:+:28579590-28579619	exon=> In CDS Exon 4 of transcript AGAP009189-PA
JHU_Ag_114066	SNGFGAGEPAETGFGDDFK	AGAP009189-PA	N2(Deamidated)	103	2.09E-10	1	1903.801	1.45	Head	3R:+:28582876-28582932	exon=> In CDS Exon 7 of transcript AGAP009189-PA
JHU_Ag_116785	SVAPPRPESPSPALPPK	AGAP009189-PA	-	39	0.001030077	1	1726.955	3.48	Head	3R:+:28583312-28583362	exon=> In CDS Exon 8 of transcript AGAP009189-PA
JHU_Ag_17460	VFNMLCFNNGCLFQR	AGAP009190-PA	C6(Carbamidomethyl), C11(Carbamidomethyl)," M4(Oxidation), C6(Carbamidomethyl), N9(Deamidated), C11(Carbamidomethyl)"," M4(Oxidation), C6(Carbamidomethyl), N8(Deamidated), C11(Carbamidomethyl)"," M4(Oxidation), C6(Carbamidomethyl), C11(Carbamidomethyl)"	120	9.91E-12	1	1936.853	1.21	Male reproductive organs	3R:-:28592097-28592053	exon=> In CDS Exon 2 of transcript AGAP009190-PA
JHU_Ag_18532	INPLHTVPVLR	AGAP009190-PA	-	34	0.000481613	1	1258.766	2.65	Malpighian tubule	3R:-:28592241-28592209	exon=> In CDS Exon 2 of transcript AGAP009190-PA
JHU_Ag_21680	INPLHTVPVLR	AGAP009190-PA	-	40	0.000111096	1	1258.765	1.29	Head	3R:-:28592241-28592209	exon=> In CDS Exon 2 of transcript AGAP009190-PA
JHU_Ag_38867	LEYIDLFK	AGAP009190-PA	-	47	0.000139169	1	1040.566	0.09	Male reproductive organs	3R:-:28592364-28592341	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_43912	GGHLSSDYLK	AGAP009190-PA	-	38	0.003297585	2	1076.533	-3.49	Head	3R:-:28592340-28592311	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_53115	GVLLAIAALGVKDR	AGAP009190-PA	-	59	3.51E-07	1	1395.869	0.29	Male reproductive organs	3R:-:28592412-28592371	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_56377	ILYYDEVSPPVR	AGAP009190-PA	-	74	6.33E-07	1	1450.759	1.04	Male reproductive organs	3R:-:28592448-28592413	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_64604	GVLLAIAALGVK	AGAP009190-PA	-	65	1.80E-07	2	1124.742	2	Pupa	3R:-:28592412-28592377	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_75917	GVLLAIAALGVK	AGAP009190-PA	-	83	2.54E-09	1	1124.740	0.15	Male reproductive organs	3R:-:28592412-28592377	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_79616	GVLLAIAALGVK	AGAP009190-PA	-	68	8.52E-08	1	1124.740	0.05	Ovary	3R:-:28592412-28592377	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_83298	IKLEYIDLFK	AGAP009190-PA	-	74	1.43E-07	1	1281.746	0.24	Male reproductive organs	3R:-:28592370-28592341	exon=> In CDS Exon 1 of transcript AGAP009190-PA
JHU_Ag_87528	GGHLSSDYLK	AGAP009190-PA	-	67	4.75E-06	1	1076.537	-0.2	Male reproductive organs	3R:-:28592340-28592311	exon=> In CDS Exon 1 of transcript AGAP009190-PA

JHU_Ag_88372	DAEVMRK	AGAP009190-PA	M5(Oxidation)	42	0.000988 64	1	864.424	0.06	Male reproductive organs	3R:-:28592052-28592241,28591663-28591966	exon=> In CDS Exon 3 and 2 of transcript AGAP009190-PA
JHU_Ag_91501	VGLDMLR	AGAP009190-PA	M5(Oxidation)	60	1.52E-05	2	819.439	-0.35	Male reproductive organs	3R:-:28591713-28591693	exon=> In CDS Exon 3 of transcript AGAP009190-PA
JHU_Ag_103223	VGLDMLRK	AGAP009190-PA	M5(Oxidation)	50	0.000100 569	1	947.534	-0.36	Male reproductive organs	3R:-:28591713-28591690	exon=> In CDS Exon 3 of transcript AGAP009190-PA
JHU_Ag_116513	INPLHTVPVLR	AGAP009190-PA	-	76	3.00E-08	1	1258.764	0.71	Male reproductive organs	3R:-:28592241-28592209	exon=> In CDS Exon 2 of transcript AGAP009190-PA
JHU_Ag_19166	FCTDNLTVLGK	AGAP009191-PA	C2(Carbamidomethyl)	54	5.08E-05	2	1267.636	0.79	Male reproductive organs	3R:+:28594144-28594176	exon=> In CDS Exon 2 of transcript AGAP009191-PA
JHU_Ag_29372	SSKPVLYTHTISPAGR	AGAP009191-PA	N-Term(Acetyl)	68	1.39E-06	1	1755.942	1.71	Ovary	3R:+:28593717-28593764	exon=> In CDS Exon 1 of transcript AGAP009191-PA
JHU_Ag_48459	SAIPEENLQR	AGAP009191-PA	-	40	0.000993 382	1	1156.595	-0.62	Male reproductive organs	3R:+:28594177-28594206	exon=> In CDS Exon 2 of transcript AGAP009191-PA
JHU_Ag_66385	SSKPVLYTHTISPAGR	AGAP009191-PA	N-Term(Acetyl)	80	9.65E-08	1	1755.937	-0.79	Male reproductive organs	3R:+:28593717-28593764	exon=> In CDS Exon 1 of transcript AGAP009191-PA
JHU_Ag_71291	LPYYGEVMGR	AGAP009191-PA	M8(Oxidation)	34	0.003398 437	1	1200.571	-0.4	Male reproductive organs	3R:+:28594384-28594413	exon=> In CDS Exon 2 of transcript AGAP009191-PA
JHU_Ag_95954	AAGELMQTLGSK	AGAP009191-PA	M6(Oxidation)	67	3.08E-06	1	1221.614	-0.01	Male reproductive organs	3R:+:28594423-28594458	exon=> In CDS Exon 2 of transcript AGAP009191-PA
JHU_Ag_101855	SSKPVLYTHTISPAGR	AGAP009191-PA	N-Term(Acetyl)	42	0.000594 349	1	1755.948	5.16	Malpighian tubule	3R:+:28593717-28593764	exon=> In CDS Exon 1 of transcript AGAP009191-PA
JHU_Ag_1683	LNPQHTIPVIDDGGVIVR	AGAP009192-PA	-	43	0.000268 516	1	1943.074	1.46	Malpighian tubule	3R:-:28595620-28595567	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_55715	ATNPIIK	AGAP009192-PA	N-Term(Acetyl)	37	0.000927 66	1	798.475	3.4	Malpighian tubule	3R:-:28595770-28595750	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_73866	ATNPIIK	AGAP009192-PA	N-Term(Acetyl)	38	0.000785 887	1	798.473	1.11	Male reproductive organs	3R:-:28595770-28595750	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_79348	ATNPIIKLYTAK	AGAP009192-PA	N-Term(Acetyl)	75	9.41E-08	1	1374.805	4.22	Malpighian tubule	3R:-:28595770-28595735	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_82178	DGQTLYPEDPIAR	AGAP009192-PA	-	50	0.000188 316	1	1474.718	0.26	Male reproductive organs	3R:-:28595521-28595483	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_96229	DSHAIIIYLVQK	AGAP009192-PA	-	71	6.08E-07	1	1399.796	1.18	Male reproductive organs	3R:-:28595566-28595531	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_97118	LNPQHTIPVIDDGGVIVR	AGAP009192-PA	-	48	8.48E-05	1	1943.070	-0.52	Male reproductive organs	3R:-:28595620-28595567	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_102733	ATNPIIK	AGAP009192-PA	N-Term(Acetyl)	39	0.000614 271	1	798.472	-0.42	Midgut	3R:-:28595770-28595750	exon=> In CDS Exon 1 of transcript AGAP009192-PA
JHU_Ag_2151	AGAEELAQLYR	AGAP009193-PA	-	74	6.47E-07	1	1220.630	2.38	Male reproductive organs	3R:-:28596142-28596110	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_3091	FYLEPILYYGATETPQEK	AGAP009193-PA	-	116	4.69E-11	1	2162.071	0.62	Head	3R:-:28596474-28596816,28596074-28596356	exon=> In CDS Exon 2 and 1 of transcript AGAP009193-PA
JHU_Ag_5120	ALGLELDIVPINLLAQEHLTEAFRK	AGAP009193-PA	-	43	7.27E-05	1	2803.573	0.48	Midgut	3R:-:28596747-28596673	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_5601	VNAALHFDSGVLFAR	AGAP009193-PA	-	48	0.000236 884	3	1616.859	2.59	Pupa	3R:-:28596525-28596481	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_9527	AGAEELAQLYR	AGAP009193-PA	-	85	4.60E-08	1	1220.626	-0.83	Midgut	3R:-:28596142-28596110	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_16046	YGKPEGDSLYPSDVVQR	AGAP009193-PA	-	100	1.60E-09	1	1909.932	1.61	Head	3R:-:28596582-28596532	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_21816	LNPQHTIPLIDDNGTIVWDSHAINVYLVSK	AGAP009193-PA	-	54	2.35E-05	1	3372.779	6.05	Pupa	3R:-:28596672-28596583	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_22283	LPYYEATNR	AGAP009193-PA	-	34	0.004681 814	1	1126.561	7.7	Head	3R:-:28596169-28596143	exon=> In CDS Exon 2 of transcript AGAP009193-PA

JHU_Ag_35375	FYLEPILYYGATETPQEK	AGAP009193-PA	-	131	1.23E-12	1	2162.075	2.76	Pupa	3R:-:28596474-28596816,28596074-28596356	exon=> In CDS Exon 2 and 1 of transcript AGAP009193-PA
JHU_Ag_35804	LAKLPYYEATNR	AGAP009193-PA	-	38	0.001332943	3	1438.772	2.05	Malpighian tubule	3R:-:28596178-28596143	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_36686	AGAEELAQLYR	AGAP009193-PA	-	57	3.29E-05	1	1220.628	0.67	Salivary gland	3R:-:28596142-28596110	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_37611	FYLEPILYYGATETPQEK	AGAP009193-PA	-	109	2.19E-10	1	2162.078	4.23	Malpighian tubule	3R:-:28596474-28596816,28596074-28596356	exon=> In CDS Exon 2 and 1 of transcript AGAP009193-PA
JHU_Ag_39647	AGAEELAQLYR	AGAP009193-PA	-	70	1.58E-06	1	1220.631	3.54	Malpighian tubule	3R:-:28596142-28596110	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_46109	FYLEPILYYGATETPQEK	AGAP009193-PA	-	127	3.67E-12	1	2162.070	0.5	Midgut	3R:-:28596474-28596816,28596074-28596356	exon=> In CDS Exon 2 and 1 of transcript AGAP009193-PA
JHU_Ag_55744	LPYYEATNR	AGAP009193-PA	-	47	0.000231432	1	1126.552	-0.32	Male reproductive organs	3R:-:28596169-28596143	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_59607	FYLEPILYYGATETPQEK	AGAP009193-PA	-	48	0.000236438	2	2162.074	2.2	Larva	3R:-:28596474-28596816,28596074-28596356	exon=> In CDS Exon 2 and 1 of transcript AGAP009193-PA
JHU_Ag_60845	FYLEPILYYGATETPQEK	AGAP009193-PA	-	119	2.18E-11	1	2162.068	-0.51	Visceras	3R:-:28596474-28596816,28596074-28596356	exon=> In CDS Exon 2 and 1 of transcript AGAP009193-PA
JHU_Ag_64615	YGKPEGDSLYPSDVVQR	AGAP009193-PA	-	103	7.61E-10	1	1909.933	2.12	Malpighian tubule	3R:-:28596582-28596532	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_64663	ALGLELDIVPINLLAQEHLTEAFR	AGAP009193-PA	-	48	4.08E-05	1	2675.477	0.22	Midgut	3R:-:28596747-28596676	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_67280	YGKPEGDSLYPSDVVQR	AGAP009193-PA	-	110	1.82E-10	1	1909.928	-0.82	Midgut	3R:-:28596582-28596532	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_69137	AGAEELAQLYR	AGAP009193-PA	-	65	4.83E-06	1	1220.630	2.14	Pupa	3R:-:28596142-28596110	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_72855	LPYYEATNR	AGAP009193-PA	-	45	0.000315808	2	1126.553	0.44	Salivary gland	3R:-:28596169-28596143	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_73960	LPYYEATNR	AGAP009193-PA	-	40	0.001026653	1	1126.553	0.33	Visceras	3R:-:28596169-28596143	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_77213	ALGLELDIVPINLLAQEHLTEAFR	AGAP009193-PA	-	34	0.000801223	1	2675.490	4.87	Pupa	3R:-:28596747-28596676	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_79891	SVELTAK	AGAP009193-PA	-	35	0.004435328	1	747.425	0.82	Malpighian tubule	3R:-:28596768-28596748	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_80247	AGAEELAQLYR	AGAP009193-PA	-	63	6.98E-06	2	1220.629	1.58	Visceras	3R:-:28596142-28596110	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_87045	YGKPEGDSLYPSDVVQR	AGAP009193-PA	-	115	5.25E-11	1	1909.930	0.46	Pupa	3R:-:28596582-28596532	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_88314	FYLEPILYYGATETPQEKIDNLYR	AGAP009193-PA	-	109	1.21E-10	1	2936.491	6.42	Malpighian tubule	3R:-:28596474-28596816,28596074-28596338	exon=> In CDS Exon 2 and 1 of transcript AGAP009193-PA
JHU_Ag_90358	YGKPEGDSLYPSDVVQR	AGAP009193-PA	-	55	5.82E-05	2	1909.936	3.4	Male reproductive organs	3R:-:28596582-28596532	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_91520	AGAEELAQLYR	AGAP009193-PA	-	49	0.000195763	1	1220.629	1.88	Ovary	3R:-:28596142-28596110	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_93855	LNPQHTIPLIDDNGTIVWDSHAINVYLVSK	AGAP009193-PA	-	99	6.67E-10	1	3372.771	3.66	Malpighian tubule	3R:-:28596672-28596583	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_105868	LNPQHTIPLIDDNGTIVWDSHAINVYLVSK	AGAP009193-PA	-	67	1.48E-06	1	3372.748	-3.16	Head	3R:-:28596672-28596583	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_112213	LPYYEATNR	AGAP009193-PA	-	52	6.24E-05	1	1126.553	0.44	Malpighian tubule	3R:-:28596169-28596143	exon=> In CDS Exon 2 of transcript AGAP009193-PA

JHU_Ag_112725	LPYYEATNR	AGAP009193-PA	-	34	0.004003352	2	1126.552	-0.42	Pupa	3R:-:28596169-28596143	exon=> In CDS Exon 2 of transcript AGAP009193-PA
JHU_Ag_116097	YGKPEGDSLYPSDVVQR	AGAP009193-PA	-	97	3.59E-09	1	1909.930	0.59	Visceras	3R:-:28596582-28596532	exon=> In CDS Exon 1 of transcript AGAP009193-PA
JHU_Ag_18328	SDIPEDRVEYVQK	AGAP009194-PA	-	48	0.000263338	1	1577.795	9.39	Midgut	3R:-:28598047-28598009	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_29228	SNLVLYTLHLSPPCR	AGAP009194-PA	N-Term(Acetyl), C14(Carbamidomethyl)	59	1.38E-05	2	1811.954	3.57	Pupa	3R:-:28598577-28598533	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_44622	TINLLTGDHLKPEFVK	AGAP009194-PA	-	92	3.64E-09	1	1825.022	-0.13	Midgut	3R:-:28598484-28598437	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_45549	QLPYYEEANGGGGTDLGK	AGAP009194-PA	N9(Deamidated)	78	1.58E-07	2	1869.853	1.35	Midgut	3R:-:28597843-28597790	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_46143	QLPYYEEANGGGGTDLGK	AGAP009194-PA	-	90	1.17E-08	2	1868.871	2.4	Head	3R:-:28597843-28597790	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_50605	SNLVLYTLHLSPPCR	AGAP009194-PA	N-Term(Acetyl), C14(Carbamidomethyl)	96	2.82E-09	1	1811.948	0.47	Midgut	3R:-:28598577-28598533	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_53782	ALGLELEQK	AGAP009194-PA	-	47	0.000258711	1	1000.567	-0.01	Midgut	3R:-:28598511-28598485	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_56212	VNSALHFESGVLFAR	AGAP009194-PA	-	88	2.36E-08	1	1646.869	2.18	Pupa	3R:-:28598221-28598177	exon=> In CDS Exon 2 of transcript AGAP009194-PA
JHU_Ag_56554	TINLLTGDHLKPEFVK	AGAP009194-PA	-	48	9.39E-05	1	1825.018	-2.15	Head	3R:-:28598484-28598437	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_58482	TINLLTGDHLKPEFVK	AGAP009194-PA	-	54	1.96E-05	1	1825.022	0.06	Ovary	3R:-:28598484-28598437	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_61292	ILFFGK	AGAP009194-PA	-	32	0.001470357	1	724.441	1.76	Pupa	3R:-:28598065-28598048	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_69998	TINLLTGDHLKPEFVK	AGAP009194-PA	-	67	8.50E-07	1	1825.030	4.62	Larva	3R:-:28598484-28598437	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_73836	QLPYYEEANGGGGTDLGK	AGAP009194-PA	N9(Deamidated)	84	4.79E-08	1	1869.856	3.31	Pupa	3R:-:28597843-28597790	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_84900	QLPYYEEANGGGGTDLGK	AGAP009194-PA	-	105	4.13E-10	2	1868.872	2.86	Visceras	3R:-:28597843-28597790	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_89581	ALGLELEQK	AGAP009194-PA	-	41	0.001213006	2	1000.568	0.22	Pupa	3R:-:28598511-28598485	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_90574	VNSALHFESGVLFAR	AGAP009194-PA	-	105	4.45E-10	1	1646.865	-0.27	Midgut	3R:-:28598221-28598177	exon=> In CDS Exon 2 of transcript AGAP009194-PA
JHU_Ag_91818	SNLVLYTLHLSPPCR	AGAP009194-PA	N-Term(Acetyl), C14(Carbamidomethyl)	91	8.25E-09	1	1811.951	2.22	Ovary	3R:-:28598577-28598533	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_93794	IYAWIDR	AGAP009194-PA	-	37	0.002717269	2	936.494	0.47	Pupa	3R:-:28597870-28597850	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_100801	IYAWIDR	AGAP009194-PA	-	40	0.001496693	2	936.494	0.4	Head	3R:-:28597870-28597850	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_106393	SDIPEDRVEYVQK	AGAP009194-PA	-	42	0.000949855	1	1577.782	1.11	Pupa	3R:-:28598047-28598009	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_106558	SDIPEDRVEYVQK	AGAP009194-PA	-	48	0.000239986	1	1577.784	2.2	Head	3R:-:28598047-28598009	exon=> In CDS Exon 3 of transcript AGAP009194-PA
JHU_Ag_111673	TINLLTGDHLKPEFVK	AGAP009194-PA	-	53	2.67E-05	1	1825.025	1.7	Pupa	3R:-:28598484-28598437	exon=> In CDS Exon 1 of transcript AGAP009194-PA
JHU_Ag_5263	LLEDSLQSDYVAGSR	AGAP009195-PA	-	103	9.22E-10	2	1652.813	0.07	Midgut	3R:-:28599180-28599136	exon=> In CDS Exon 3 of transcript AGAP009195-PA
JHU_Ag_60662	FITELVFFAR	AGAP009195-PA	-	71	9.08E-07	2	1242.687	-0.61	Midgut	3R:-:28599339-28599540,28598932-28599232	exon=> In CDS Exon 3 and 2 of transcript AGAP009195-PA
JHU_Ag_75543	DALYPTDIVEQAR	AGAP009195-PA	-	46	0.000464684	2	1490.748	-0.1	Midgut	3R:-:28599429-28599391	exon=> In CDS Exon 2 of transcript AGAP009195-PA

JHU_Ag_104694	KLVNLLAGENLTPEFLK	AGAP009195-PA	-	95	6.61E-10	1	1899.097	0.87	Midgut	3R:-:28599655-28599605	exon=> In CDS Exon 1 of transcript AGAP009195-PA
JHU_Ag_60620	SYFHSDRIEHIR	AGAP009196-PA	-	35	0.005972686	1	1559.774	1.87	Malpighian tubule	3R:+:28601018-28601053	exon=> In CDS Exon 3 of transcript AGAP009196-PA
JHU_Ag_92407	LVLYTNR	AGAP009196-PA	-	41	0.000828721	2	878.509	-0.77	Malpighian tubule	3R:+:28600516-28600536	exon=> In CDS Exon 1 of transcript AGAP009196-PA
JHU_Ag_2219	AYDLLEATLK	AGAP009197-PA	-	61	7.68E-06	2	1136.620	-0.23	Midgut	3R:-:28601708-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_3509	APIVLYSTR	AGAP009197-PA	-	57	1.38E-05	1	1019.590	1.96	Malpighian tubule	3R:-:28602185-28602159	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_3672	AYDLLEATLK	AGAP009197-PA	-	85	2.57E-08	1	1136.623	3	Malpighian tubule	3R:-:28601708-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_6088	RLEQTMPHYQEINTDR	AGAP009197-PA	M6(Oxidation)	59	1.72E-05	1	2046.970	1.96	Larva	3R:-:28601543-28601496	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_7836	RLEQTMPHYQEINTDR	AGAP009197-PA	M6(Oxidation)	74	6.17E-07	1	2046.965	-0.45	Ovary	3R:-:28601543-28601496	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_12224	QANINALLHFESGVLFAR	AGAP009197-PA	-	117	2.05E-11	1	2000.069	-1.03	Ovary	3R:-:28601840-28601787	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_12252	AYDLLEATLK	AGAP009197-PA	-	50	0.000109739	1	1136.619	-1.13	Head	3R:-:28601708-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_14990	QANINALLHFESGVLFAR	AGAP009197-PA	-	92	5.06E-09	1	2000.075	1.81	Visceras	3R:-:28601840-28601787	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_17402	DDTLYPAKDLVK	AGAP009197-PA	-	67	2.63E-06	1	1377.729	2.24	Malpighian tubule	3R:-:28601876-28601841	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_19658	AYDLLEATLK	AGAP009197-PA	-	49	0.000107272	2	1136.625	4.18	Larva	3R:-:28601708-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_19751	APIVLYSTR	AGAP009197-PA	-	53	3.97E-05	1	1019.587	-1.39	Pupa	3R:-:28602185-28602159	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_31327	AYDLLEATLK	AGAP009197-PA	-	76	2.38E-07	2	1136.620	0.42	Visceras	3R:-:28601708-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_31489	APIVLYSTRR	AGAP009197-PA	-	38	0.00068244	2	1175.690	0.78	Malpighian tubule	3R:-:28602185-28602156	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_32212	KENMTEEYLK	AGAP009197-PA	M4(Oxidation)	56	3.31E-05	1	1284.616	1.41	Malpighian tubule	3R:-:28602074-28602045	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_33178	APIVLYSTR	AGAP009197-PA	-	57	1.39E-05	1	1019.588	-0.25	Male reproductive organs	3R:-:28602185-28602159	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_33555	YPLVLAYLK	AGAP009197-PA	-	53	7.71E-06	1	1079.652	1.56	Head	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_36731	YAKDDTLYPAK	AGAP009197-PA	-	69	1.73E-06	1	1284.651	2.9	Larva	3R:-:28601885-28601853	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_39742	QANINALLHFESGVLFAR	AGAP009197-PA	-	43	0.000372707	1	2000.082	5.56	Pupa	3R:-:28601840-28601787	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_44336	IDSVHKAYDLLEATLK	AGAP009197-PA	-	60	8.51E-06	1	1815.994	4.97	Malpighian tubule	3R:-:28601726-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_72696	APIVLYSTR	AGAP009197-PA	-	54	3.17E-05	1	1019.587	-1.63	Ovary	3R:-:28602185-28602159	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_74409	RLEQTMPHYQEINTDR	AGAP009197-PA	M6(Oxidation)	58	2.65E-05	1	2030.970	-0.77	Midgut	3R:-:28601543-28601496	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_75408	YPLVLAYLK	AGAP009197-PA	-	41	0.000124486	1	1079.652	1.45	Pupa	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_75537	AYDLLEATLK	AGAP009197-PA	-	75	3.52E-07	1	1136.620	-0.12	Male reproductive organs	3R:-:28601708-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_75722	YPLVLAYLK	AGAP009197-PA	-	53	8.38E-06	1	1079.651	0.55	Ovary	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_79717	YPLVLAYLK	AGAP009197-PA	-	58	2.49E-06	1	1079.653	2.81	Malpighian tubule	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA

JHU_Ag_82785	YPLVLAYLK	AGAP009197-PA	-	53	7.20E-06	1	1079.655	4.62	Larva	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_83384	YPLVLAYLK	AGAP009197-PA	-	42	9.12E-05	2	1079.651	0.77	Midgut	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_84791	RLEQTMPHYQEINTDR	AGAP009197-PA	M6(Oxidation)	49	0.000194006	1	2046.970	1.6	Malpighian tubule	3R:-:28601543-28601496	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_85193	AYDLLEATLK	AGAP009197-PA	-	62	6.24E-06	2	1136.622	1.81	Pupa	3R:-:28601708-28601679	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_88086	YPLVLAYLK	AGAP009197-PA	-	53	7.59E-06	1	1079.650	0.21	Male reproductive organs	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_90340	YAKDDTLYPAK	AGAP009197-PA	-	73	6.33E-07	1	1284.647	0.14	Pupa	3R:-:28601885-28601853	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_91384	MIGIELDVQYIDLAK	AGAP009197-PA	M1(Oxidation)	43	0.000476767	2	1736.922	4.78	Pupa	3R:-:28602119-28602075	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_92780	KENMTEEYLK	AGAP009197-PA	M4(Oxidation)	73	5.53E-07	1	1300.611	1.55	Larva	3R:-:28602074-28602045	exon=> In CDS Exon 1 of transcript AGAP009197-PA
JHU_Ag_93989	YPLVLAYLK	AGAP009197-PA	-	53	7.48E-06	1	1079.649	-0.47	Visceras	3R:-:28601570-28601544	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_98678	LEQTMPHYQEINTDR	AGAP009197-PA	M5(Oxidation)	67	2.91E-06	1	1890.866	0.6	Ovary	3R:-:28601540-28601496	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_102979	DDTLYPAK	AGAP009197-PA	-	42	0.000841207	1	922.447	-4.71	Head	3R:-:28601876-28601853	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_104073	LEQTMPHYQEINTDR	AGAP009197-PA	M5(Oxidation)	40	0.001236809	1	1890.871	3.02	Larva	3R:-:28601540-28601496	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_104760	RLEQTMPHYQEINTDR	AGAP009197-PA	M6(Oxidation)	33	0.006611323	1	2046.966	-0.19	Head	3R:-:28601543-28601496	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_108916	QANINALLHFESGVLFAR	AGAP009197-PA	-	119	1.07E-11	1	2000.077	2.72	Malpighian tubule	3R:-:28601840-28601787	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_113956	DDTLYPAK	AGAP009197-PA	-	40	0.001595239	1	922.455	3.89	Malpighian tubule	3R:-:28601876-28601853	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_115912	YAKDDTLYPAK	AGAP009197-PA	-	50	0.000107324	1	1284.650	2.23	Malpighian tubule	3R:-:28601885-28601853	exon=> In CDS Exon 2 of transcript AGAP009197-PA
JHU_Ag_728	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	81	1.03E-07	2	1756.861	1.99	Pupa	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_1063	HSQSDEVPMCEPGHLK	AGAP009200-PA	M9(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	101	6.09E-10	1	1866.810	-0.51	Malpighian tubule	3R:-:28614784-28614737	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_3616	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	68	2.08E-06	2	1756.859	1.09	Salivary gland	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_8065	LWDGYSLLYVDGNDYPHNQDLGSAGSCVR	AGAP009200-PA	C27(Carbamidomethyl)	167	2.24E-16	1	3271.489	4.38	Ovary	3R:-:28614736-28614650	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_8904	KFSTLPVLACGQNNICNYASR	AGAP009200-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	139	1.97E-13	1	2413.175	-0.02	Midgut	3R:-:28614649-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_9953	TFWLSTSAPIPMMPVTENEMRPYISR	AGAP009200-PA	M12(Oxidation), M13(Oxidation), M20(Oxidation)	43	0.000743246	1	3102.482	2.6	Pupa	3R:-:28614577-28614500	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_13139	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	90	1.39E-08	2	1756.863	3.25	Larva	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_19563	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	79	1.75E-07	2	1756.859	0.81	Visceras	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_21669	ATPFIECNGGK	AGAP009200-PA	C7(Carbamidomethyl), N8(Deamidated),C7(Carbamidomethyl)	56	3.92E-05	1	1193.568	4.76	Ovary	3R:-:28614222-28614190	exon=> In CDS Exon 2 of transcript AGAP009200-PA

JHU_Ag_21761	LWDGYSLLYVDGNDYPHNQDLGSAGSCVR	AGAP009200-PA	C27(Carbamidomethyl),"N13(Deamidated), C27(Carbamidomethyl)"	175	3.42E-17	1	3271.483	2.59	Pupa	3R:-:28614736-28614650	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_23204	AGNLLSR	AGAP009200-PA	-	62	8.48E-06	2	730.423	2.83	Malpighian tubule	3R:-:28614093-28614073	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_24251	HSQSDEVPMCEPGHLK	AGAP009200-PA	M9(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	103	3.42E-10	1	1866.813	1.1	Midgut	3R:-:28614784-28614737	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_24703	TFWLSTSAPIPMMPVTENEMRPYISR	AGAP009200-PA	M12(Oxidation), M13(Oxidation), M20(Oxidation)	56	4.00E-05	1	3102.465	-2.59	Visceras	3R:-:28614577-28614500	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_25090	LWDGYSLLYVDGNDYPHNQDLGSAGSCVR	AGAP009200-PA	C27(Carbamidomethyl)	182	5.36E-18	1	3271.477	0.57	Visceras	3R:-:28614736-28614650	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_25745	FSTLPVLACGQNNICNYASR	AGAP009200-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	56	4.08E-05	1	2285.094	6.04	Pupa	3R:-:28614646-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_25801	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	106	3.66E-10	2	1756.864	3.66	Head	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_26513	FSTLPVLACGQNNICNYASR	AGAP009200-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	142	8.65E-14	1	2285.077	-1.22	Midgut	3R:-:28614646-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_30120	TFWLSTSAPIPMMPVTENEMRPYISR	AGAP009200-PA	M12(Oxidation), M13(Oxidation), M20(Oxidation)	56	3.14E-05	1	3102.484	3.31	Malpighian tubule	3R:-:28614577-28614500	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_31903	LWDGYSLLYVDGNDYPHNQDLGSAGSCVR	AGAP009200-PA	C27(Carbamidomethyl)	156	2.66E-15	1	3271.487	3.71	Salivary gland	3R:-:28614736-28614650	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_33698	AGNLLSR	AGAP009200-PA	-	72	1.29E-06	2	730.420	-0.52	Midgut	3R:-:28614093-28614073	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_36362	HSQSDEVPMCEPGHLK	AGAP009200-PA	M9(Oxidation), C10(Carbamidomethyl)	76	1.84E-07	1	1866.812	0.47	Head	3R:-:28614784-28614737	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_38664	HSQSDEVPMCEPGHLK	AGAP009200-PA	M9(Oxidation), C10(Carbamidomethyl)	46	0.000216319	1	1866.818	3.7	Larva	3R:-:28614784-28614737	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_45447	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	48	0.00023098	1	1756.864	3.52	Ovary	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_47281	LWDGYSLLYVDGNDYPHNQDLGSAGSCVR	AGAP009200-PA	C27(Carbamidomethyl)	177	1.90E-17	1	3271.478	1.02	Head	3R:-:28614736-28614650	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_47531	TFWLSTSAPIPMMPVTENEMRPYISR	AGAP009200-PA	M12(Oxidation), M13(Oxidation), M20(Oxidation)	68	2.05E-06	1	3102.476	0.95	Larva	3R:-:28614577-28614500	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_49296	FSTLPVLACGQNNICNYASR	AGAP009200-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	40	0.00160225	1	2285.080	-0.16	Salivary gland	3R:-:28614646-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_50357	KFSTLPVLACGQNNICNYASR	AGAP009200-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	99	1.85E-09	1	2413.182	3.01	Ovary	3R:-:28614649-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_50374	HSQSDEVPMCEPGHLK	AGAP009200-PA	M9(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	74	3.59E-07	1	1850.818	1.22	Visceras	3R:-:28614784-28614737	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_56562	FSTLPVLACGQNNICNYASR	AGAP009200-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	156	3.76E-15	1	2285.083	1.34	Malpighian tubule	3R:-:28614646-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_59047	ATPFIECNGGK	AGAP009200-PA	C7(Carbamidomethyl), N8(Deamidated),C7(Carbamidomethyl)	60	1.49E-05	1	1193.563	0.97	Salivary gland	3R:-:28614222-28614190	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_59313	GEPGRDCESAPYYTGILLVR	AGAP009200-PA	C7(Carbamidomethyl)	114	7.49E-11	1	2253.098	0.28	Midgut	3R:-:28614844-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA

JHU_Ag_59356	FSTLPVLACGQNNICNYASR	AGAP009200-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	107	3.10E-10	2	2285.087	2.95	Ovary	3R:-:28614646-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_60395	FSTLPVLACGQNNICNYASR	AGAP009200-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	116	3.57E-11	1	2285.078	-0.9	Head	3R:-:28614646-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_61039	LWDGYSLLYVDGNDYPHNQDLGSAGSCVR	AGAP009200-PA	C27(Carbamidomethyl)	170	9.42E-17	1	3271.470	-1.55	Midgut	3R:-:28614736-28614650	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_64146	ATPFIECNGGK	AGAP009200-PA	C7(Carbamidomethyl), N8(Deamidated)	43	0.000692166	2	1194.546	-0.16	Pupa	3R:-:28614222-28614190	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_66961	GLQGLRGDVGPEGRPGR	AGAP009200-PA	-	71	7.96E-07	1	1720.926	3.23	Malpighian tubule	3R:-:28614925-28614875	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_67829	LWDGYSLLYVDGNDYPHNQDLGSAGSCVR	AGAP009200-PA	C27(Carbamidomethyl)	156	2.73E-15	1	3271.486	3.37	Larva	3R:-:28614736-28614650	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_74410	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	127	3.01E-12	1	1756.860	1.16	Malpighian tubule	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_77292	HSQSDEVPMCEPGHLK	AGAP009200-PA	M9(Oxidation), C10(Carbamidomethyl)	63	4.26E-06	1	1866.817	3.02	Ovary	3R:-:28614784-28614737	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_80506	KFSTLPVLACGQNNICNYASR	AGAP009200-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	84	6.94E-08	1	2413.181	2.33	Pupa	3R:-:28614649-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_86115	AGNLLSR	AGAP009200-PA	-	62	1.00E-05	2	730.424	4.75	Ovary	3R:-:28614093-28614073	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_92737	AGNLLSR	AGAP009200-PA	-	71	8.44E-07	2	730.421	0.15	Salivary gland	3R:-:28614093-28614073	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_93423	AGNLLSR	AGAP009200-PA	-	33	0.006128212	2	730.421	0.9	Head	3R:-:28614093-28614073	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_93780	KFSTLPVLACGQNNICNYASR	AGAP009200-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	70	1.51E-06	1	2413.180	2.18	Salivary gland	3R:-:28614649-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_95484	ATPFIECNGGK	AGAP009200-PA	C7(Carbamidomethyl), N8(Deamidated),C7(Carbamidomethyl)	56	3.82E-05	1	1193.563	0.83	Midgut	3R:-:28614222-28614190	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_98020	TFWLSTSAPIPMMPVTENEMRPYISR	AGAP009200-PA	M12(Oxidation), M13(Oxidation), M20(Oxidation),"M12(Oxidation), M13(Oxidation)","M13(Oxidation), M20(Oxidation)","M12(Oxidation), M20(Oxidation)"	67	3.11E-06	1	3102.472	-0.35	Midgut	3R:-:28614577-28614500	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_99336	TFWLSTSAPIPMMPVTENEMRPYISR	AGAP009200-PA	M12(Oxidation), M13(Oxidation), M20(Oxidation)	43	0.000773194	1	3102.474	0.24	Ovary	3R:-:28614577-28614500	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_100957	DCESAPYYTGILLVR	AGAP009200-PA	C2(Carbamidomethyl)	116	3.15E-11	1	1756.856	-1.06	Midgut	3R:-:28614829-28614785	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_101861	ATPFIECNGGK	AGAP009200-PA	C7(Carbamidomethyl), N8(Deamidated),C7(Carbamidomethyl)	70	1.43E-06	1	1194.549	2.09	Malpighian tubule	3R:-:28614222-28614190	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_105203	HSQSDEVPMCEPGHLK	AGAP009200-PA	M9(Oxidation), C10(Carbamidomethyl)	50	7.08E-05	1	1866.813	1.06	Pupa	3R:-:28614784-28614737	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_106552	KFSTLPVLACGQNNICNYASR	AGAP009200-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	141	1.30E-13	1	2413.177	0.89	Malpighian tubule	3R:-:28614649-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_108927	FSTLPVLACGQNNICNYASR	AGAP009200-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	91	1.32E-08	1	2285.081	0.38	Visceras	3R:-:28614646-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA

JHU_Ag_110783	KFSTLPVLACGQNNICNYASR	AGAP009200-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	142	1.06E-13	1	2413.176	0.2	Visceras	3R:-:28614649-28614587	exon=> In CDS Exon 1 of transcript AGAP009200-PA
JHU_Ag_113204	ATPFIECNGGK	AGAP009200-PA	C7(Carbamidomethyl)	39	0.001906854	2	1193.563	0.87	Head	3R:-:28614222-28614190	exon=> In CDS Exon 2 of transcript AGAP009200-PA
JHU_Ag_35257	CASIPPNLEEAIR	AGAP009200-PB	C1(Carbamidomethyl)	39	0.001749456	2	1469.743	0.98	Malpighian tubule	3R:-:28617223-28617185	exon=> In CDS Exon 5 of transcript AGAP009200-PB
JHU_Ag_98511	CASIPPNLEEAIR	AGAP009200-PB	C1(Carbamidomethyl)	36	0.002973103	2	1469.739	-2.17	Midgut	3R:-:28617223-28617185	exon=> In CDS Exon 5 of transcript AGAP009200-PB
JHU_Ag_1336	LWDGYSLVNVIASSR	AGAP009201-PA	-	107	2.74E-10	2	1679.880	2.88	Pupa	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_1574	NLGYLFAR	AGAP009201-PA	-	45	0.000199979	2	953.520	0.01	Salivary gland	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_2874	VTIPECPINTYK	AGAP009201-PA	C6(Carbamidomethyl)	56	3.62E-05	1	1434.733	2.47	Salivary gland	3R:+:28652901-28652936	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_3292	TLHGGSTITASALR	AGAP009201-PA	-	100	8.06E-10	1	1384.757	1.56	Malpighian tubule	3R:+:28653711-28653752	exon=> In CDS Exon 3 of transcript AGAP009201-PA
JHU_Ag_3522	VTIPECPINTYK	AGAP009201-PA	C6(Carbamidomethyl)	40	0.001758409	2	1434.730	0.43	Head	3R:+:28652901-28652936	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_6502	GEPGDEGDMGPPGYPGSR	AGAP009201-PA	M9(Oxidation)	63	1.05E-06	1	1790.723	-3.02	Midgut	3R:+:28652643-28652696	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_7700	VTIPECPINTYK	AGAP009201-PA	C6(Carbamidomethyl)	39	0.002136784	1	1434.730	0.26	Male reproductive organs	3R:+:28652901-28652936	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_8097	VTIPECPINTYK	AGAP009201-PA	C6(Carbamidomethyl)	52	0.000111882	2	1434.730	0.26	Visceras	3R:+:28652901-28652936	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_8839	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	109	1.99E-10	1	1390.671	-2.32	Midgut	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_9192	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	123	8.05E-12	1	1390.676	1.37	Salivary gland	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_11065	GDFGDVGPR	AGAP009201-PA	-	56	2.62E-05	2	919.430	3.1	Malpighian tubule	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_13047	LWDGYSLVNVIASSR	AGAP009201-PA	-	90	1.35E-08	2	1679.881	3.39	Malpighian tubule	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_21335	NLGYLFAR	AGAP009201-PA	-	51	5.13E-05	1	953.521	0.2	Head	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_22202	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	101	1.33E-09	2	1390.678	2.51	Pupa	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_22520	MGDMGEEGYQGERGPTGDPGYPGLTGAR	AGAP009201-PA	M1(Oxidation), M4(Oxidation)	51	3.40E-05	1	2887.236	3.34	Malpighian tubule	3R:+:28651155-28651238	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_22845	LWDGYSLVNVIASSR	AGAP009201-PA	-	132	7.27E-13	2	1679.877	1.36	Midgut	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_23303	TLHGGSTITASALR	AGAP009201-PA	-	75	2.44E-07	1	1384.755	0.5	Visceras	3R:+:28653711-28653752	exon=> In CDS Exon 3 of transcript AGAP009201-PA
JHU_Ag_27278	LWDGYSLVNVIASSR	AGAP009201-PA	-	86	2.86E-08	2	1679.879	2.52	Salivary gland	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_28821	NLGYLFAR	AGAP009201-PA	-	42	0.000394546	1	953.521	0.97	Visceras	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_30336	GPTGDPGYPGLTGAR	AGAP009201-PA	-	89	1.83E-08	1	1415.691	-0.25	Midgut	3R:+:28651194-28651238	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_30626	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	118	2.55E-11	1	1390.672	-1.79	Visceras	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_32149	TLHGGSTITASALR	AGAP009201-PA	-	38	0.000948582	1	1384.757	2.26	Ovary	3R:+:28653711-28653752	exon=> In CDS Exon 3 of transcript AGAP009201-PA
JHU_Ag_32289	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	110	1.53E-10	1	1390.676	1.46	Head	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA

JHU_Ag_32461	GDFGDVGPR	AGAP009201-PA	-	53	5.58E-05	2	919.427	0.32	Pupa	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_41004	LWDGYSLVNVIASSR	AGAP009201-PA	-	104	4.53E-10	2	1679.880	2.74	Head	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_43497	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	119	2.33E-11	1	1390.681	4.79	Malpighian tubule	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_44261	GLAGPTGDPGDMGFPGR	AGAP009201-PA	M12(Oxidation)	47	0.000203415	1	1617.733	0.46	Head	3R:+:28651257-28651307	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_47266	TLHGGSTITASALR	AGAP009201-PA	-	58	1.36E-05	2	1384.752	-1.35	Salivary gland	3R:+:28653711-28653752	exon=> In CDS Exon 3 of transcript AGAP009201-PA
JHU_Ag_48657	GLAGPTGDPGDMGFPGR	AGAP009201-PA	M12(Oxidation)	65	3.09E-06	1	1617.731	-0.82	Malpighian tubule	3R:+:28651257-28651307	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_48876	GMPGSIGAIMPGFR	AGAP009201-PA	M2(Oxidation)	48	0.000277597	1	1406.695	1.78	Head	3R:+:28652343-28652384	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_48905	NLGYLFAR	AGAP009201-PA	-	55	2.41E-05	1	953.521	0.91	Malpighian tubule	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_49005	NLGYLFAR	AGAP009201-PA	-	50	7.43E-05	1	953.523	2.83	Ovary	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_49246	NLGYLFAR	AGAP009201-PA	-	62	4.93E-06	2	953.520	-0.63	Midgut	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_49389	GMPGSIGAIMPGFR	AGAP009201-PA	M2(Oxidation),"M2(Oxidation), M10(Oxidation)"	52	0.000105134	1	1406.695	2.3	Malpighian tubule	3R:+:28652343-28652384	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_49810	MGDMGEEGYQGER	AGAP009201-PA	M1(Oxidation),M4(Oxidation),"M1(Oxidation), M4(Oxidation)"	101	3.86E-11	1	1474.557	-0.57	Midgut	3R:+:28651155-28651193	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_50313	LWDGYSLVNVIASSR	AGAP009201-PA	-	37	0.002444384	1	1679.884	5.49	Larva	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_50415	GETGEPGEDGLR	AGAP009201-PA	-	48	0.000123687	2	1216.545	1.01	Pupa	3R:+:28651722-28651757	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_52407	LWDGYSLVNVIASSR	AGAP009201-PA	-	111	9.54E-11	1	1679.878	1.72	Ovary	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_52970	GDFGDVGPR	AGAP009201-PA	-	73	5.30E-07	2	919.427	0.25	Ovary	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_56096	NLGYLFAR	AGAP009201-PA	-	38	0.001064383	2	953.522	2.12	Larva	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_59747	GLAGPTGDPGDMGFPGR	AGAP009201-PA	M12(Oxidation)	36	0.002858836	1	1617.732	-0.59	Visceras	3R:+:28651257-28651307	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_60806	GPTGDPGYPGLTGAR	AGAP009201-PA	-	64	5.63E-06	2	1415.693	1.22	Pupa	3R:+:28651194-28651238	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_64054	GETGEPGEDGLR	AGAP009201-PA	-	62	4.58E-06	2	1216.544	-0.5	Midgut	3R:+:28651722-28651757	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_64296	VTIPECPINTYK	AGAP009201-PA	C6(Carbamidomethyl)	74	7.11E-07	2	1434.729	-0.25	Midgut	3R:+:28652901-28652936	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_72504	GDFGDVGPR	AGAP009201-PA	-	54	4.60E-05	2	919.430	3.9	Larva	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_76423	SVGQDLGAAGSCLRR	AGAP009201-PA	C12(Carbamidomethyl)	43	0.000979309	1	1546.779	2.26	Malpighian tubule	3R:+:28652982-28653026	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_78141	GDFGDVGPR	AGAP009201-PA	-	47	0.000201986	2	919.428	0.71	Salivary gland	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_83170	GMPGSIGAIMPGFR	AGAP009201-PA	M2(Oxidation), M10(Oxidation)	49	0.000213269	2	1422.683	-3.08	Midgut	3R:+:28652343-28652384	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_86591	LWDGYSLVNVIASSR	AGAP009201-PA	-	98	2.14E-09	1	1679.878	1.65	Visceras	3R:+:28652937-28652981	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_89427	GPTGDPGYPGLTGAR	AGAP009201-PA	-	54	5.50E-05	2	1415.699	5.35	Larva	3R:+:28651194-28651238	exon=> In CDS Exon 1 of transcript AGAP009201-PA

JHU_Ag_90311	GETGEPGEDGLR	AGAP009201-PA	-	33	0.003542 73	2	1216.548	3.31	Larva	3R:+:28651722-28651757	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_90704	VTIPECPINTYK	AGAP009201-PA	C6(Carbamidomethyl)	51	0.000134 623	2	1434.731	0.52	Ovary	3R:+:28652901-28652936	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_90782	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	77	3.15E-07	2	1390.674	-0.04	Male reproductive organs	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_91010	SGIEGLPGLPGLPGEPAAPPPPPK	AGAP009201-PA	-	55	1.51E-05	2	2245.220	-1.47	Midgut	3R:+:28652793-28652864	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_92343	GDFGDVGPR	AGAP009201-PA	-	52	6.44E-05	2	919.426	-0.81	Visceras	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_94927	GPTGDPGYPGLTGAR	AGAP009201-PA	-	50	0.000147 52	1	1415.691	-0.51	Malpighian tubule	3R:+:28651194-28651238	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_97417	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	81	1.29E-07	2	1390.681	4.44	Larva	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_97816	TLHGGSTITASALR	AGAP009201-PA	-	76	2.17E-07	1	1384.759	3.41	Head	3R:+:28653711-28653752	exon=> In CDS Exon 3 of transcript AGAP009201-PA
JHU_Ag_98308	GDFGDVGPR	AGAP009201-PA	-	57	1.84E-05	2	919.427	-0.35	Midgut	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_99219	MGDMGEEGYQGER	AGAP009201-PA	M1(Oxidation), M4(Oxidation)	85	1.39E-09	1	1490.558	3.5	Larva	3R:+:28651155-28651193	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_103070	GDFGDVGPR	AGAP009201-PA	-	49	0.000137 441	2	919.426	-1.08	Head	3R:+:28651338-28651364	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_105726	VTIPECPINTYK	AGAP009201-PA	C6(Carbamidomethyl)	77	3.37E-07	1	1434.730	0.09	Malpighian tubule	3R:+:28652901-28652936	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_105746	NLGYLFAR	AGAP009201-PA	-	49	8.15E-05	2	953.520	0.08	Pupa	3R:+:28652865-28652888	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_112482	SVGQDLGAAGSCLR	AGAP009201-PA	C12(Carbamidomethyl)	111	1.57E-10	1	1390.680	4	Ovary	3R:+:28652982-28653023	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_116460	TLHGGSTITASALR	AGAP009201-PA	-	59	9.69E-06	2	1384.755	0.5	Male reproductive organs	3R:+:28653711-28653752	exon=> In CDS Exon 3 of transcript AGAP009201-PA
JHU_Ag_116816	GLAGPTGDPGDMGFPGR	AGAP009201-PA	M12(Oxidation)	65	3.19E-06	1	1617.730	-1.5	Midgut	3R:+:28651257-28651307	exon=> In CDS Exon 1 of transcript AGAP009201-PA
JHU_Ag_2905	GSNYDPSGVNMLLSK	AGAP009202-PA	-	46	0.000431 684	2	1581.753	-3.13	Midgut	3R:+:28655230-28655274	exon=> In CDS Exon 2 of transcript AGAP009202-PA
JHU_Ag_8840	AFDDYHNLILEK	AGAP009202-PA	-	38	0.002677 907	1	1477.732	-0.36	Malpighian tubule	3R:+:28655173-28655208	exon=> In CDS Exon 2 of transcript AGAP009202-PA
JHU_Ag_9363	AFDDYHNLILEKYPEITIR	AGAP009202-PA	-	103	6.22E-10	1	2350.205	-1.06	Midgut	3R:+:28655173-28655229	exon=> In CDS Exon 2 of transcript AGAP009202-PA
JHU_Ag_25000	AFDDYHNLILEK	AGAP009202-PA	-	85	6.50E-08	1	1477.737	2.89	Midgut	3R:+:28655173-28655208	exon=> In CDS Exon 2 of transcript AGAP009202-PA
JHU_Ag_31080	AFDDYHNLILEK	AGAP009202-PA	-	79	2.10E-07	1	1477.738	4.22	Male reproductive organs	3R:+:28655173-28655208	exon=> In CDS Exon 2 of transcript AGAP009202-PA
JHU_Ag_49020	FPAPQEMFQIIDNHLQFANK	AGAP009202-PA	M7(Oxidation)	108	2.42E-10	1	2404.183	3.04	Ovary	3R:+:28655596-28655655	exon=> In CDS Exon 3 of transcript AGAP009202-PA
JHU_Ag_81150	FPAPQEMFQIIDNHLQFANK	AGAP009202-PA	M7(Oxidation)	79	2.24E-07	1	2404.178	1.06	Midgut	3R:+:28655596-28655655	exon=> In CDS Exon 3 of transcript AGAP009202-PA
JHU_Ag_99782	FPAPQEMFQIIDNHLQFANK	AGAP009202-PA	M7(Oxidation)	67	3.08E-06	1	2404.182	2.5	Head	3R:+:28655596-28655655	exon=> In CDS Exon 3 of transcript AGAP009202-PA
JHU_Ag_8897	LNPMIVSGQINTYAQHISQFCSQSLAK	AGAP009204-PA	M4(Oxidation), C21(Carbamidomethyl)	79	1.78E-07	1	3051.497	-1.97	Male reproductive organs	3R:+:28674401-28674481	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_9924	LNPMIVSGQINTYAQHISQFCSQSLAK	AGAP009204-PA	M4(Oxidation), C21(Carbamidomethyl)	40	0.001157 827	1	3051.510	2.23	Salivary gland	3R:+:28674401-28674481	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_10065	SDETIDEEEYQLNMMR	AGAP009204-PA	M14(Oxidation), M15(Oxidation)	96	8.70E-10	2	2034.827	0.21	Male reproductive organs	3R:+:28673729-28673776	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_15109	LNPMIVSGQINTYAQHISQFCSQSLAK	AGAP009204-PA	M4(Oxidation), C21(Carbamidomethyl)	132	7.91E-13	1	3051.500	-1.01	Ovary	3R:+:28674401-28674481	exon=> In CDS Exon 2 of transcript AGAP009204-PA

JHU_Ag_18490	LFRPIPVPTR	AGAP009204-PA	-	31	0.001289058	1	1195.731	-0.15	Ovary	3R:+:28674371-28674400	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_19822	LFRPIPVPTR	AGAP009204-PA	-	47	4.03E-05	1	1195.732	0.88	Salivary gland	3R:+:28674371-28674400	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_22347	GEQAVPEEEVNK	AGAP009204-PA	-	46	0.000337172	2	1328.625	-6.11	Pupa	3R:+:28674335-28674370	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_24432	LYMTQALQNAK	AGAP009204-PA	-	66	3.43E-06	2	1280.667	0.49	Pupa	3R:+:28674482-28674514	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_30753	GEQAVPEEEVNK	AGAP009204-PA	-	39	0.001689606	1	1328.635	1.7	Malpighian tubule	3R:+:28674335-28674370	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_30805	VDELNHEATK	AGAP009204-PA	-	71	8.84E-07	2	1155.567	2.26	Head	3R:+:28674209-28674238	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_32669	ERDFTPEALR	AGAP009204-PA	-	51	0.000153659	1	1233.619	-2.71	Head	3R:+:28673996-28674025	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_43277	VGYENLFIEIPIVIK	AGAP009204-PA	-	85	6.27E-09	2	1747.013	5.36	Salivary gland	3R:+:28674035-28674079	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_49216	GEQAVPEEEVNK	AGAP009204-PA	-	40	0.001279096	2	1328.637	3.17	Male reproductive organs	3R:+:28674335-28674370	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_50916	LYMTQALQNAK	AGAP009204-PA	M3(Oxidation)	64	5.23E-06	2	1296.664	1.77	Salivary gland	3R:+:28674482-28674514	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_53188	LYMTQALQNAK	AGAP009204-PA	M3(Oxidation)	73	7.53E-07	1	1296.661	-0.21	Male reproductive organs	3R:+:28674482-28674514	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_61062	LEITNCFPFPK	AGAP009204-PA	C6(Carbamidomethyl)	70	1.42E-06	1	1365.686	-1.08	Ovary	3R:+:28673696-28673728	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_68161	ERDFTPEALR	AGAP009204-PA	-	46	0.000427084	2	1233.622	-0.34	Male reproductive organs	3R:+:28673996-28674025	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_68301	LFRPIPVPTR	AGAP009204-PA	-	29	0.002134384	1	1195.731	-0.46	Male reproductive organs	3R:+:28674371-28674400	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_69419	SQPVDNTISYVQCDGLAAMK	AGAP009204-PA	C13(Carbamidomethyl), M19(Oxidation)	70	1.27E-06	1	2213.022	0.28	Ovary	3R:+:28673314-28673361,28673600-28673611	exon=> In CDS Exon 1 and 2 of transcript AGAP009204-PA
JHU_Ag_69683	YQQAAIR	AGAP009204-PA	-	56	3.20E-05	2	849.457	-0.72	Ovary	3R:+:28674248-28674268	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_76585	VGYENLFIEIPIVIK	AGAP009204-PA	-	98	3.95E-10	1	1747.005	0.53	Ovary	3R:+:28674035-28674079	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_77597	GEQAVPEEEVNK	AGAP009204-PA	-	73	7.22E-07	1	1328.630	-1.88	Ovary	3R:+:28674335-28674370	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_83798	VGYENLFIEIPIVIK	AGAP009204-PA	-	62	1.42E-06	1	1747.003	-0.72	Midgut	3R:+:28674035-28674079	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_89781	SQPVDNTISYVQCDGLAAMK	AGAP009204-PA	C13(Carbamidomethyl), M19(Oxidation)	107	2.52E-10	1	2213.019	-1.21	Male reproductive organs	3R:+:28673314-28673361,28673600-28673611	exon=> In CDS Exon 1 and 2 of transcript AGAP009204-PA
JHU_Ag_90285	LEITNCFPFPK	AGAP009204-PA	C6(Carbamidomethyl)	73	7.06E-07	2	1365.693	4.28	Malpighian tubule	3R:+:28673696-28673728	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_98107	LTPQAIAMYK	AGAP009204-PA	M8(Oxidation)	71	1.13E-06	1	1151.611	-1.48	Ovary	3R:+:28673966-28673995	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_99011	SQPVDNTISYVQCDGLAAMK	AGAP009204-PA	C13(Carbamidomethyl)	57	2.83E-05	1	2197.036	4.2	Malpighian tubule	3R:+:28673314-28673361,28673600-28673611	exon=> In CDS Exon 1 and 2 of transcript AGAP009204-PA
JHU_Ag_100330	LNPMIVSGQINTYAQHISQFCSQSLAK	AGAP009204-PA	C21(Carbamidomethyl)	93	5.87E-09	1	3035.517	3.06	Malpighian tubule	3R:+:28674401-28674481	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_104038	LYMTQALQNAK	AGAP009204-PA	M3(Oxidation)	87	2.67E-08	1	1296.662	0.17	Ovary	3R:+:28674482-28674514	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_106592	NSALCNIMMSELTELVPEEEGTHFLDLGTASVLENHLR	AGAP009204-PA	C5(Carbamidomethyl), M8(Oxidation), M9(Oxidation)	199	1.21E-19	1	4302.029	-1.76	Ovary	3R:+:28674080-28674193	exon=> In CDS Exon 2 of transcript AGAP009204-PA

JHU_Ag_116276	LEITNCFPFPK	AGAP009204-PA	C6(Carbamidomethyl)	78	2.54E-07	2	1365.687	-0.1	Male reproductive organs	3R:+:28673696-28673728	exon=> In CDS Exon 2 of transcript AGAP009204-PA
JHU_Ag_40415	EFSDPEPYLSETSSAVIER	AGAP009206-PA	-	61	1.13E-05	2	2156.005	0.86	Head	3R:-:28677057-28677001	exon=> In CDS Exon 3 of transcript AGAP009206-PA
JHU_Ag_89541	AADIEQLNR	AGAP009206-PA	-	53	5.73E-05	2	1029.533	0.35	Ovary	3R:-:28677554-28677635,28677353-28677431	exon=> In CDS Exon 2 and 1 of transcript AGAP009206-PA
JHU_Ag_3192	VADPEHDHTGFLTEYVATR	AGAP009207-PA	-	104	6.56E-10	1	2158.011	-3.99	Head	3R:-:28699654-28699598	exon=> In CDS Exon 4 of transcript AGAP009207-PA
JHU_Ag_10232	HENIIDIR	AGAP009207-PA	-	45	0.000342289	2	1009.541	-1.12	Head	3R:-:28708669-28708816,28702648-28702744	exon=> In CDS Exon 2 and 1 of transcript AGAP009207-PA
JHU_Ag_12688	LFPNADQNALDLLGK	AGAP009207-PA	-	97	2.26E-09	2	1628.864	0.06	Midgut	3R:-:28699249-28699205	exon=> In CDS Exon 5 of transcript AGAP009207-PA
JHU_Ag_16558	SYLQSLPYKPK	AGAP009207-PA	-	53	3.41E-05	1	1323.730	-0.91	Midgut	3R:-:28699297-28699265	exon=> In CDS Exon 5 of transcript AGAP009207-PA
JHU_Ag_22115	DLKPSNLLLNTTCDLK	AGAP009207-PA	C13(Carbamidomethyl)	36	0.002637864	1	1844.979	0.19	Midgut	3R:-:28700065-28700018	exon=> In CDS Exon 3 of transcript AGAP009207-PA
JHU_Ag_24326	IAMELDDLPK	AGAP009207-PA	-	51	0.000103583	2	1144.593	1.11	Head	3R:-:28697119-28697090	exon=> In CDS Exon 6 of transcript AGAP009207-PA
JHU_Ag_28617	SYLQSLPYKPK	AGAP009207-PA	-	40	0.000656656	2	1323.727	-2.94	Head	3R:-:28699297-28699265	exon=> In CDS Exon 5 of transcript AGAP009207-PA
JHU_Ag_33577	ISVEDALAHPYLEQYYDPADEPVAEEPFR	AGAP009207-PA	-	142	7.51E-14	1	3363.577	2.32	Head	3R:-:28699177-28699471,28697024-28697120	exon=> In CDS Exon 6 and 5 of transcript AGAP009207-PA
JHU_Ag_58593	VADPEHDHTGFLTEYVATR	AGAP009207-PA	-	89	2.25E-08	1	2158.029	4.33	Midgut	3R:-:28699654-28699598	exon=> In CDS Exon 4 of transcript AGAP009207-PA
JHU_Ag_108007	SYLQSLPYKPK	AGAP009207-PA	-	43	0.000378886	2	1323.731	0.38	Malpighian tubule	3R:-:28699297-28699265	exon=> In CDS Exon 5 of transcript AGAP009207-PA
JHU_Ag_108228	ISVEDALAHPYLEQYYDPADEPVAEEPFR	AGAP009207-PA	-	56	3.41E-05	1	3363.581	3.41	Midgut	3R:-:28699177-28699471,28697024-28697120	exon=> In CDS Exon 6 and 5 of transcript AGAP009207-PA
JHU_Ag_111679	SYLQSLPYKPK	AGAP009207-PA	-	45	0.000246796	1	1323.727	-2.48	Male reproductive organs	3R:-:28699297-28699265	exon=> In CDS Exon 5 of transcript AGAP009207-PA
JHU_Ag_34591	ASLNQELTAIK	AGAP009210-PA	-	59	1.49E-05	2	1187.665	1.89	Salivary gland	3R:-:28753099-28753067	exon=> In CDS Exon 11 of transcript AGAP009210-PA
JHU_Ag_53786	GATETELIALR	AGAP009210-PA	-	56	3.71E-05	1	1173.648	0.89	Malpighian tubule	3R:-:28751389-28751357	exon=> In CDS Exon 12 of transcript AGAP009210-PA
JHU_Ag_54353	YGIFVPIAK	AGAP009210-PA	-	36	0.000662125	2	1007.596	3.19	Salivary gland	3R:-:28768800-28768774	exon=> In CDS Exon 5 of transcript AGAP009210-PA
JHU_Ag_59326	LAALQDELR	AGAP009210-PA	-	44	0.000408715	1	1028.573	-0.6	Malpighian tubule	3R:-:28753882-28753856	exon=> In CDS Exon 10 of transcript AGAP009210-PA
JHU_Ag_70741	SQLVLK	AGAP009210-PA	-	33	0.003627664	1	687.440	0.21	Pupa	3R:-:28750567-28750550	exon=> In CDS Exon 12 of transcript AGAP009210-PA
JHU_Ag_86887	LAAQATQFDELLDR	AGAP009210-PA	-	80	1.57E-07	1	1590.814	1.16	Malpighian tubule	3R:-:28750900-28750859	exon=> In CDS Exon 12 of transcript AGAP009210-PA
JHU_Ag_93247	IETERR	AGAP009210-PA	-	41	0.002540233	2	803.426	-13.41	Salivary gland	3R:-:28752358-28752341	exon=> In CDS Exon 11 of transcript AGAP009210-PA
JHU_Ag_93725	VEELNAQLQTK	AGAP009210-PA	-	74	5.23E-07	1	1272.678	-1.22	Malpighian tubule	3R:-:28751308-28751276	exon=> In CDS Exon 12 of transcript AGAP009210-PA
JHU_Ag_99240	AATAAATAADNSGSVPNR	AGAP009210-PA	-	56	3.70E-05	2	1644.798	2.86	Salivary gland	3R:-:28750522-28750469	exon=> In CDS Exon 12 of transcript AGAP009210-PA
JHU_Ag_111615	SSFSLQDVLR	AGAP009210-PA	-	37	0.002647303	1	1151.607	1.13	Head	3R:-:28767980-28768019,28760240-28760339	exon=> In CDS Exon 7 and 6 of transcript AGAP009210-PA

JHU_Ag_114477	EPLANAGGGGGDSTASTPLDASFR	AGAP009210-PA	-	161	1.14E-15	2	2248.049	0.71	Head	3R:-:28769345-28769274	exon=> In CDS Exon 3 of transcript AGAP009210-PA
JHU_Ag_42159	LGFNSILSPAK	AGAP009212-PA	-	54	2.82E-05	2	1146.654	1.8	Male reproductive organs	3R:-:28812453-28812421	exon=> In CDS Exon 2 of transcript AGAP009212-PA
JHU_Ag_96848	SLYGALIQPIDPQASAASTALINR	AGAP009212-PA	-	41	0.000441974	2	2470.331	0.3	Male reproductive organs	3R:-:28812987-28812916	exon=> In CDS Exon 2 of transcript AGAP009212-PA
JHU_Ag_114524	NSVDLLQSFQK	AGAP009212-PA	-	54	5.20E-05	2	1278.667	-1.64	Male reproductive organs	3R:-:28812486-28812454	exon=> In CDS Exon 2 of transcript AGAP009212-PA
JHU_Ag_116136	DAPFFPDGLDGPSYR	AGAP009212-PA	-	51	0.00011607	1	1653.755	0.15	Male reproductive organs	3R:-:28812777-28812733	exon=> In CDS Exon 2 of transcript AGAP009212-PA
JHU_Ag_9734	AVALINAWAAR	AGAP009213-PA	-	47	0.000101008	2	1155.665	1.7	Larva	3R:-:28825510-28825478	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_23062	GSSFAAPALTQAAPAPVVSQPPATR	AGAP009213-PA	-	96	2.35E-09	2	2392.259	-1.45	Head	3R:-:28826080-28826006	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_37431	LGLHTIFNR	AGAP009213-PA	-	48	0.000121703	1	1070.611	0.44	Pupa	3R:-:28825030-28825004	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_42020	IDAPFLLLVGHDETR	AGAP009213-PA	-	60	9.99E-06	1	1695.909	1.19	Head	3R:-:28824634-28824590	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_70388	TSNPCYDDDDEEDAAAAAAEFPLQK	AGAP009213-PA	C5(Carbamidomethyl)	76	1.02E-07	2	2743.136	1.55	Head	3R:-:28825717-28825643	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_75041	NHLHNIHQLYSDMLK	AGAP009213-PA	M13(Oxidation)	61	1.17E-05	1	1878.931	1.64	Head	3R:-:28825807-28825763	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_87316	AVALINAWAAR	AGAP009213-PA	-	70	5.37E-07	1	1155.664	0.74	Pupa	3R:-:28825510-28825478	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_96562	GLWSEPFEPQATELKPFYPDGYGR	AGAP009213-PA	-	38	0.002374305	1	2784.337	2.15	Pupa	3R:-:28825390-28825319	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_109238	GLWSEPFEPQATELKPFYPDGYGR	AGAP009213-PA	-	44	0.000546819	1	2784.345	5.38	Larva	3R:-:28825390-28825319	exon=> In CDS Exon 1 of transcript AGAP009213-PA
JHU_Ag_79174	LPWIALLK	AGAP009217-PA	-	40	0.00015537	1	953.625	7.33	Malpighian tubule	3R:+:28842651-28842674	exon=> In CDS Exon 3 of transcript AGAP009217-PA
JHU_Ag_101417	LPWIALLK	AGAP009217-PA	-	35	0.000512116	1	953.626	8.03	Ovary	3R:+:28842651-28842674	exon=> In CDS Exon 3 of transcript AGAP009217-PA
JHU_Ag_16787	YVLTAAHCLGHNDLAFVQLR	AGAP009218-PA	C8(Carbamidomethyl)	145	3.58E-14	1	2298.184	1.03	Pupa	3R:+:28845430-28845470,28845603-28845621	exon=> In CDS Exon 2 and 3 of transcript AGAP009218-PA
JHU_Ag_71000	SSSGQHICGGSLISK	AGAP009218-PA	C8(Carbamidomethyl)	70	1.59E-06	1	1517.737	-0.73	Pupa	3R:+:28845382-28845426	exon=> In CDS Exon 2 of transcript AGAP009218-PA
JHU_Ag_88781	TIGHDSYNKPVQSHDIALVR	AGAP009218-PA	-	113	5.90E-11	1	2250.161	-0.52	Pupa	3R:+:28845685-28845744	exon=> In CDS Exon 3 of transcript AGAP009218-PA
JHU_Ag_7721	AVSEQLVGAINDLAR	AGAP009221-PA	-	44	0.000359334	2	1555.853	5.88	Head	3R:+:28858387-28858431	exon=> In CDS Exon 1 of transcript AGAP009221-PA
JHU_Ag_59335	HELLGVLR	AGAP009221-PA	-	36	0.000753983	1	936.562	-0.74	Head	3R:+:28858558-28858581	exon=> In CDS Exon 1 of transcript AGAP009221-PA
JHU_Ag_8138	LKDCVLNLVVPVPDTPAQGAR	AGAP009224-PA	C4(Carbamidomethyl)	37	0.001327028	1	2262.224	-1.79	Head	3R:+:28887554-28887616	exon=> In CDS Exon 1 of transcript AGAP009224-PA
JHU_Ag_9892	GGHIFISDEVAEK	AGAP009224-PA	-	63	8.46E-06	1	1401.703	1.59	Malpighian tubule	3R:+:28888542-28888580	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_12055	LVSSNEIEPPPHSVFPSDQAADVVR	AGAP009224-PA	-	93	7.52E-09	1	2690.342	0.04	Male reproductive organs	3R:+:28888677-28888694,28888772-28888828	exon=> In CDS Exon 3 and 4 of transcript AGAP009224-PA
JHU_Ag_12426	GQTIEAAPTGTIEQLHQLVK	AGAP009224-PA	-	102	4.78E-10	1	2134.152	0.73	Malpighian tubule	3R:+:28888617-28888676	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_14702	GQTIEAAPTGTIEQLHQLVK	AGAP009224-PA	Q2(Deamidated)	128	1.03E-12	1	2134.159	3.93	Head	3R:+:28888617-28888676	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_15362	VNIVQWNEDLYEK	AGAP009224-PA	-	110	1.78E-10	1	1649.824	4.47	Ovary	3R:+:28888395-28888433	exon=> In CDS Exon 3 of transcript AGAP009224-PA

JHU_Ag_19252	IAAQHFYTPATK	AGAP009224-PA	-	63	7.81E-06	1	1347.704	-1.53	Male reproductive organs	3R:+:28888211-28888246	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_20294	ILIVGTGGLALWAVR	AGAP009224-PA	-	84	1.70E-09	2	1538.946	2.95	Head	3R:+:28888166-28888210	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_22748	YLIPIPDELPLAVAATLPTGALLAQSAIIAAHK	AGAP009224-PA	-	32	0.000210896	1	3351.930	0.18	Head	3R:+:28888022-28888120	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_23969	DGALFPGFEVAGVIESLGSELKPDCGFK	AGAP009224-PA	C25(Carbamidomethyl)	33	0.006173198	1	2939.450	0.01	Midgut	3R:+:28887857-28887940	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_25544	VNIVQWNEDLYEK	AGAP009224-PA	-	47	0.000354415	1	1649.815	-1.01	Male reproductive organs	3R:+:28888395-28888433	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_26468	THDACDGLVDIVIDFGTTSR	AGAP009224-PA	C5(Carbamidomethyl)	63	7.42E-06	3	2192.039	4.78	Malpighian tubule	3R:+:28888449-28888508	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_27588	LASSEIPGR	AGAP009224-PA	-	64	6.35E-06	2	929.504	-0.8	Malpighian tubule	3R:+:28888832-28888858	exon=> In CDS Exon 4 of transcript AGAP009224-PA
JHU_Ag_30421	VILYPYEGVPHGYSELMVVPDLK	AGAP009224-PA	-	71	7.63E-07	1	2618.364	2.33	Visceras	3R:+:28887953-28888021	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_31134	LVSSNEIEPPPHSVFPSDQAADVVR	AGAP009224-PA	-	124	4.89E-12	1	2690.357	5.34	Malpighian tubule	3R:+:28888677-28888694,28888772-28888828	exon=> In CDS Exon 3 and 4 of transcript AGAP009224-PA
JHU_Ag_33201	DGALFPGFEVAGVIESLGSELKPDCGFK	AGAP009224-PA	C25(Carbamidomethyl)	63	6.35E-06	1	2939.450	0.01	Ovary	3R:+:28887857-28887940	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_35146	IAAQHFYTPATK	AGAP009224-PA	-	50	0.000177936	1	1347.707	0.73	Visceras	3R:+:28888211-28888246	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_41869	YLIPIPDELPLAVAATLPTGALLAQSAIIAAHK	AGAP009224-PA	-	36	6.18E-05	1	3351.936	2.03	Visceras	3R:+:28888022-28888120	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_42051	AILKFHDIE	AGAP009224-PA	-	32	0.006256355	1	1085.599	-0.43	Malpighian tubule	3R:+:28888859-28888885	exon=> In CDS Exon 4 of transcript AGAP009224-PA
JHU_Ag_42282	VNIVQWNEDLYEK	AGAP009224-PA	-	47	0.000375523	1	1649.820	1.51	Salivary gland	3R:+:28888395-28888433	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_43913	KLASSEIPGR	AGAP009224-PA	-	61	8.98E-06	2	1057.599	-0.76	Malpighian tubule	3R:+:28888829-28888858	exon=> In CDS Exon 4 of transcript AGAP009224-PA
JHU_Ag_44934	YLIPIPDELPLAVAATLPTGALLAQSAIIAAHK	AGAP009224-PA	-	93	1.52E-10	1	3351.933	1.16	Ovary	3R:+:28888022-28888120	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_53958	VILYPYEGVPHGYSELMVVPDLK	AGAP009224-PA	M17(Oxidation)	65	2.64E-06	1	2634.365	4.71	Head	3R:+:28887953-28888021	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_53966	YLIPIPDELPLAVAATLPTGALLAQSAIIAAHK	AGAP009224-PA	-	32	0.000241024	1	3351.922	-2.12	Midgut	3R:+:28888022-28888120	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_54873	VNIVQWNEDLYEK	AGAP009224-PA	-	38	0.002576298	2	1649.820	2.1	Pupa	3R:+:28888395-28888433	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_55406	LKDCVLNLVVPVPDTPAQGAR	AGAP009224-PA	C4(Carbamidomethyl)	85	1.73E-08	1	2262.230	0.86	Visceras	3R:+:28887554-28887616	exon=> In CDS Exon 1 of transcript AGAP009224-PA
JHU_Ag_58926	DEGFLVAK	AGAP009224-PA	-	49	0.000207214	1	878.460	-2.23	Head	3R:+:28888280-28888303	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_59950	LASSEIPGR	AGAP009224-PA	-	45	0.000488305	2	929.505	-0.27	Head	3R:+:28888832-28888858	exon=> In CDS Exon 4 of transcript AGAP009224-PA
JHU_Ag_60150	GGHIFISDEVAEK	AGAP009224-PA	-	89	1.73E-08	1	1401.700	-0.76	Visceras	3R:+:28888542-28888580	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_61407	IAAQHFYTPATK	AGAP009224-PA	-	46	0.000419755	2	1347.707	1.01	Ovary	3R:+:28888211-28888246	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_62767	GQTIEAAPTGTIEQLHQLVK	AGAP009224-PA	-	119	8.66E-12	1	2134.151	0.16	Visceras	3R:+:28888617-28888676	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_64703	THDACDGLVDIVIDFGTTSR	AGAP009224-PA	C5(Carbamidomethyl)	51	0.000116751	1	2192.034	2.19	Head	3R:+:28888449-28888508	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_65684	GQTIEAAPTGTIEQLHQLVK	AGAP009224-PA	-	42	0.000411928	1	2134.154	1.75	Salivary gland	3R:+:28888617-28888676	exon=> In CDS Exon 3 of transcript AGAP009224-PA

JHU_Ag_65797	KLASSEIPGR	AGAP009224-PA	-	67	2.30E-06	1	1057.602	2.13	Ovary	3R:+:28888829-28888858	exon=> In CDS Exon 4 of transcript AGAP009224-PA
JHU_Ag_67329	GGHIFISDEVAEK	AGAP009224-PA	-	99	2.27E-09	1	1401.703	1.42	Head	3R:+:28888542-28888580	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_68300	VNIVQWNEDLYEK	AGAP009224-PA	-	77	3.30E-07	1	1649.821	2.39	Visceras	3R:+:28888395-28888433	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_71626	LVSSNEIEPPPHSVFPSDQAADVVR	AGAP009224-PA	-	87	2.37E-08	1	2690.356	5.28	Ovary	3R:+:28888677-28888694,28888772-28888828	exon=> In CDS Exon 3 and 4 of transcript AGAP009224-PA
JHU_Ag_72334	DCVLNLVVPVPDTPAQGAR	AGAP009224-PA	C2(Carbamidomethyl)	73	5.12E-07	2	2021.053	2.28	Head	3R:+:28887560-28887616	exon=> In CDS Exon 1 of transcript AGAP009224-PA
JHU_Ag_75438	ILVVYAGACYR	AGAP009224-PA	C9(Carbamidomethyl)	39	0.001282562	1	1284.681	3.03	Head	3R:+:28887617-28887649	exon=> In CDS Exon 1 of transcript AGAP009224-PA
JHU_Ag_76813	LKDCVLNLVVPVPDTPAQGAR	AGAP009224-PA	C4(Carbamidomethyl)	76	1.38E-07	1	2262.235	3.13	Malpighian tubule	3R:+:28887554-28887616	exon=> In CDS Exon 1 of transcript AGAP009224-PA
JHU_Ag_78524	GGHIFISDEVAEKLLPK	AGAP009224-PA	-	86	1.07E-08	1	1853.025	4.38	Ovary	3R:+:28888542-28888592	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_78994	VILYPYEGVPHGYSELMVVPDLK	AGAP009224-PA	M17(Oxidation)	34	0.003882988	1	2634.348	-1.82	Midgut	3R:+:28887953-28888021	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_79764	DGALFPGFEVAGVIESLGSELKPDCGFK	AGAP009224-PA	C25(Carbamidomethyl)	74	5.29E-07	1	2939.455	1.88	Visceras	3R:+:28887857-28887940	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_80179	VILYPYEGVPHGYSELMVVPDLK	AGAP009224-PA	-	77	1.69E-07	1	2618.366	3.1	Malpighian tubule	3R:+:28887953-28888021	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_80722	DGALFPGFEVAGVIESLGSELKPDCGFK	AGAP009224-PA	C25(Carbamidomethyl)	53	7.00E-05	1	2939.456	2.19	Head	3R:+:28887857-28887940	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_82253	VNIVQWNEDLYEK	AGAP009224-PA	-	87	3.58E-08	1	1649.819	0.99	Head	3R:+:28888395-28888433	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_82602	VILYPYEGVPHGYSELMVVPDLK	AGAP009224-PA	-	34	0.003522546	1	2618.370	4.64	Ovary	3R:+:28887953-28888021	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_83026	LVSSNEIEPPPHSVFPSDQAADVVR	AGAP009224-PA	-	178	1.84E-17	1	2690.357	5.69	Head	3R:+:28888677-28888694,28888772-28888828	exon=> In CDS Exon 3 and 4 of transcript AGAP009224-PA
JHU_Ag_87589	IQITVASLRDEGFLVAK	AGAP009224-PA	-	55	9.89E-06	2	1860.057	-0.93	Visceras	3R:+:28888253-28888303	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_87978	DCVLNLVVPVPDTPAQGAR	AGAP009224-PA	C2(Carbamidomethyl)	55	3.20E-05	2	2021.050	0.59	Visceras	3R:+:28887560-28887616	exon=> In CDS Exon 1 of transcript AGAP009224-PA
JHU_Ag_99007	GGHIFISDEVAEKLLPK	AGAP009224-PA	-	68	8.45E-07	1	1853.022	2.6	Malpighian tubule	3R:+:28888542-28888592	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_102380	IAAQHFYTPATK	AGAP009224-PA	-	77	3.23E-07	1	1347.706	0.28	Head	3R:+:28888211-28888246	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_103867	LKDCVLNLVVPVPDTPAQGAR	AGAP009224-PA	C4(Carbamidomethyl)	62	3.25E-06	1	2262.232	1.94	Ovary	3R:+:28887554-28887616	exon=> In CDS Exon 1 of transcript AGAP009224-PA
JHU_Ag_105701	VILYPYEGVPHGYSELMVVPDLK	AGAP009224-PA	M17(Oxidation)	34	0.003728441	1	2634.355	0.96	Male reproductive organs	3R:+:28887953-28888021	exon=> In CDS Exon 2 of transcript AGAP009224-PA
JHU_Ag_108167	LVSSNEIEPPPHSVFPSDQAADVVR	AGAP009224-PA	-	80	1.27E-07	1	2690.353	3.98	Visceras	3R:+:28888677-28888694,28888772-28888828	exon=> In CDS Exon 3 and 4 of transcript AGAP009224-PA
JHU_Ag_110110	GQTIEAAPTGTIEQLHQLVK	AGAP009224-PA	-	37	0.00140871	2	2134.156	2.44	Midgut	3R:+:28888617-28888676	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_112065	GGHIFISDEVAEK	AGAP009224-PA	-	64	6.89E-06	2	1401.703	1.77	Ovary	3R:+:28888542-28888580	exon=> In CDS Exon 3 of transcript AGAP009224-PA
JHU_Ag_113397	LVSSNEIEPPPHSVFPSDQAADVVRK	AGAP009224-PA	-	103	4.46E-10	1	2818.445	2.87	Malpighian tubule	3R:+:28888677-28888694,28888772-28888831	exon=> In CDS Exon 3 and 4 of transcript AGAP009224-PA
JHU_Ag_113771	GQTIEAAPTGTIEQLHQLVK	AGAP009224-PA	-	51	4.81E-05	1	2134.158	3.64	Ovary	3R:+:28888617-28888676	exon=> In CDS Exon 3 of transcript AGAP009224-PA

JHU_Ag_8222	IFAGELESPSVSHQDSLAIAGVQDAIR	AGAP009225-PA	-	33	0.004280386	1	2810.433	0.43	Visceras	3R:-:28891970-28891890	exon=> In CDS Exon 3 of transcript AGAP009225-PA
JHU_Ag_55710	AVIGLYR	AGAP009232-PA	-	33	0.003525589	1	791.478	0.2	Malpighian tubule	3R:+:29082548-29082568	exon=> In CDS Exon 4 of transcript AGAP009232-PA
JHU_Ag_57704	IFGIR	AGAP009232-PA	-	30	0.004330014	1	605.377	0.74	Ovary	3R:+:29081213-29081227	exon=> In CDS Exon 4 of transcript AGAP009232-PA
JHU_Ag_3684	LQIVDFQR	AGAP009234-PA	-	48	0.000211068	1	1018.567	-0.91	Ovary	3R:+:29063828-29063851	exon=> In CDS Exon 2 of transcript AGAP009234-PA
JHU_Ag_4584	VPDSIQLTGYVHPAPSEEIPHDVPLLGK	AGAP009234-PA	-	200	7.71E-20	1	3008.572	-0.24	Ovary	3R:+:29063413-29063437,29063520-29063578	exon=> In CDS Exon 1 and 2 of transcript AGAP009234-PA
JHU_Ag_9438	NTAQGLIGVLVQR	AGAP009234-PA	-	91	2.44E-09	2	1368.799	2.57	Visceras	3R:+:29063104-29063142	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_9572	YGSLVAFK	AGAP009234-PA	-	36	0.001609414	2	884.488	0.34	Ovary	3R:+:29063579-29063602	exon=> In CDS Exon 2 of transcript AGAP009234-PA
JHU_Ag_9819	VGLNSEALK	AGAP009234-PA	-	50	0.000139744	2	930.524	-1.53	Ovary	3R:+:29063284-29063310	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_10911	VGLNSEALK	AGAP009234-PA	-	60	1.37E-05	2	930.527	1.94	Salivary gland	3R:+:29063284-29063310	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_15271	NTAQGLIGVLVQR	AGAP009234-PA	-	58	5.22E-06	2	1368.798	1.41	Ovary	3R:+:29063104-29063142	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_23681	NTAQGLIGVLVQR	AGAP009234-PA	-	47	6.43E-05	2	1368.797	0.97	Male reproductive organs	3R:+:29063104-29063142	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_26445	VPDSIQLTGYVHPAPSEEIPHDVPLLGK	AGAP009234-PA	-	99	9.35E-10	1	3008.582	3	Head	3R:+:29063413-29063437,29063520-29063578	exon=> In CDS Exon 1 and 2 of transcript AGAP009234-PA
JHU_Ag_29119	FVQVASAACVR	AGAP009234-PA	C9(Carbamidomethyl)	79	2.13E-07	2	1207.624	-0.99	Malpighian tubule	3R:+:29063212-29063244	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_29411	YGSLVAFK	AGAP009234-PA	-	51	4.74E-05	2	884.488	0.75	Salivary gland	3R:+:29063579-29063602	exon=> In CDS Exon 2 of transcript AGAP009234-PA
JHU_Ag_35898	DDETCLIHQEYLVDPAYTVGEVLEANR	AGAP009234-PA	C5(Carbamidomethyl)	132	8.83E-13	1	3149.476	0.83	Head	3R:+:29063747-29063827	exon=> In CDS Exon 2 of transcript AGAP009234-PA
JHU_Ag_72785	FVQVASAACVR	AGAP009234-PA	C9(Carbamidomethyl)	60	1.67E-05	2	1207.626	0.63	Salivary gland	3R:+:29063212-29063244	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_73419	NTAQGLIGVLVQR	AGAP009234-PA	-	68	4.05E-07	2	1368.799	2.22	Salivary gland	3R:+:29063104-29063142	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_74302	SALATLR	AGAP009234-PA	-	38	0.001898289	2	731.441	0.22	Ovary	3R:+:29062945-29062965	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_79353	FVQVASAACVR	AGAP009234-PA	C9(Carbamidomethyl)	63	8.13E-06	2	1207.624	-1.09	Ovary	3R:+:29063212-29063244	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_93764	SEHSTVQEGADGAELSPAQVAR	AGAP009234-PA	-	34	0.005612194	1	2239.060	0.67	Malpighian tubule	3R:+:29063603-29063668	exon=> In CDS Exon 2 of transcript AGAP009234-PA
JHU_Ag_100714	ALELHNNDLAK	AGAP009234-PA	-	34	0.004183907	2	1237.655	1.01	Visceras	3R:+:29063002-29063034	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_104890	NTAQGLIGVLVQR	AGAP009234-PA	-	52	2.02E-05	2	1368.798	1.68	Head	3R:+:29063104-29063142	exon=> In CDS Exon 1 of transcript AGAP009234-PA
JHU_Ag_105646	SEHSTVQEGADGAELSPAQVAR	AGAP009234-PA	-	39	0.001992214	1	2239.063	1.98	Visceras	3R:+:29063603-29063668	exon=> In CDS Exon 2 of transcript AGAP009234-PA
JHU_Ag_45038	EITLETLLK	AGAP009236-PA	-	50	6.59E-05	2	1059.629	-0.2	Salivary gland	3R:-:29086180-29086154	exon=> In CDS Exon 1 of transcript AGAP009236-PA
JHU_Ag_65155	IHTFTYNTITTLR	AGAP009236-PA	-	56	2.92E-05	1	1580.840	-2.14	Head	3R:-:29085331-29085293	exon=> In CDS Exon 1 of transcript AGAP009236-PA
JHU_Ag_79184	LGYLIVGTR	AGAP009236-PA	-	38	0.000601519	2	991.596	2.48	Malpighian tubule	3R:-:29085184-29085158	exon=> In CDS Exon 1 of transcript AGAP009236-PA
JHU_Ag_102897	TQVQQNAIALLNALFIK	AGAP009236-PA	-	72	1.11E-07	1	1885.099	4.32	Ovary	3R:-:29086132-29086082	exon=> In CDS Exon 1 of transcript AGAP009236-PA

JHU_Ag_112936	LGYLIVGTR	AGAP009236-PA	-	54	1.92E-05	2	991.593	-0.96	Salivary gland	3R:-:29085184-29085158	exon=> In CDS Exon 1 of transcript AGAP009236-PA
JHU_Ag_1597	DTDQQGTAEQQQQQQQCPK	AGAP009237-PA	C17(Carbamidomethyl)	110	6.16E-11	1	2245.979	2.29	Head	3R:+:29088959-29089015	exon=> In CDS Exon 2 of transcript AGAP009237-PA
JHU_Ag_3664	AILSTLEDGALR	AGAP009237-PA	-	43	0.000609775	2	1258.703	2.16	Ovary	3R:+:29089884-29089919	exon=> In CDS Exon 4 of transcript AGAP009237-PA
JHU_Ag_12964	AILSTLEDGALR	AGAP009237-PA	-	79	1.81E-07	2	1258.700	0.12	Visceras	3R:+:29089884-29089919	exon=> In CDS Exon 4 of transcript AGAP009237-PA
JHU_Ag_33039	EDANEEELEAGEIK	AGAP009237-PA	-	89	1.03E-08	2	1575.703	0.5	Head	3R:+:29088917-29088958	exon=> In CDS Exon 2 of transcript AGAP009237-PA
JHU_Ag_38160	YETEDEATETR	AGAP009237-PA	-	52	2.10E-05	2	1343.565	3.78	Head	3R:+:29089688-29089701,29089781-29089799	exon=> In CDS Exon 3 and 4 of transcript AGAP009237-PA
JHU_Ag_38632	SADAKPAVITISTDSLK	AGAP009237-PA	-	34	0.002684809	2	1716.946	4.49	Head	3R:+:29089088-29089138	exon=> In CDS Exon 2 of transcript AGAP009237-PA
JHU_Ag_54204	SADAKPAVITISTDSLK	AGAP009237-PA	-	41	0.000523947	1	1716.940	1.51	Ovary	3R:+:29089088-29089138	exon=> In CDS Exon 2 of transcript AGAP009237-PA
JHU_Ag_88009	DSHDAVESNRK	AGAP009237-PA	-	45	0.000290364	1	1257.581	-0.32	Ovary	3R:+:29088809-29088841	exon=> In CDS Exon 2 of transcript AGAP009237-PA
JHU_Ag_106581	KQEEER	AGAP009237-PA	Q2(Deamidated)	38	0.002366	1	819.383	-1.94	Head	3R:+:29091455-29091472	exon=> In CDS Exon 7 of transcript AGAP009237-PA
JHU_Ag_107548	AILSTLEDGALR	AGAP009237-PA	-	101	1.02E-09	2	1258.706	4.58	Head	3R:+:29089884-29089919	exon=> In CDS Exon 4 of transcript AGAP009237-PA
JHU_Ag_110856	NIISDVKPVPLADVK	AGAP009237-PA	-	59	1.38E-06	2	1607.941	2.68	Ovary	3R:+:29089139-29089183	exon=> In CDS Exon 2 of transcript AGAP009237-PA
JHU_Ag_101311	VQAQVK	AGAP009239-PA	-	43	0.001044649	1	672.406	2.9	Malpighian tubule	3R:-:29099741-29099724	exon=> In CDS Exon 2 of transcript AGAP009239-PA
JHU_Ag_111104	VQAQVK	AGAP009239-PA	-	38	0.001133681	1	672.403	-1.73	Head	3R:-:29099741-29099724	exon=> In CDS Exon 2 of transcript AGAP009239-PA
JHU_Ag_51374	FALLEEK	AGAP009241-PA,AGAP009240-PA,AGAP009246-PA	-	39	0.00142102	1	849.473	0.98	Malpighian tubule	3R:+:29224217-29224237;3R:-:29202628-29202608;3R:-:29380996-29380976	exon=> In CDS Exon 8 of transcript AGAP009241-PA;exon=> In CDS Exon 8 of transcript AGAP009240-PA;exon=> In CDS Exon 8 of transcript AGAP009246-PA
JHU_Ag_111690	AALDIICETAMGVK	AGAP009241-PA,AGAP009246-PA	C7(Carbamidomethyl),M11(Oxidation),C7(Carbamidomethyl)	75	5.64E-07	2	1507.755	3.39	Malpighian tubule	3R:+:29222880-29222901,29223002-29223021;3R:-:29383823-29383990,29383443-29383496	exon=> In CDS Exon 3 and 4 of transcript AGAP009241-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP009246-PA
JHU_Ag_26419	QRHEIFYLLDER	AGAP009246-PA	-	37	0.003694134	1	1618.834	0.4	Malpighian tubule	3R:-:29385921-29386089,29384137-29384309	exon=> In CDS Exon 2 and 1 of transcript AGAP009246-PA
JHU_Ag_33235	SAGAETSDGEAFGVR	AGAP009246-PA	-	61	8.68E-06	2	1453.657	1.08	Head	3R:-:29383089-29383045	exon=> In CDS Exon 6 of transcript AGAP009246-PA
JHU_Ag_39669	TLSEDVQLGGHQVPAQTIVGIHAYHVHR	AGAP009246-PA	-	45	0.000243271	1	3062.602	3.33	Malpighian tubule	3R:-:29381305-29381222	exon=> In CDS Exon 7 of transcript AGAP009246-PA
JHU_Ag_60225	HEIFYLLDER	AGAP009246-PA	-	45	0.000632516	2	1334.673	-0.71	Head	3R:-:29385915-29386089,29384137-29384309	exon=> In CDS Exon 2 and 1 of transcript AGAP009246-PA
JHU_Ag_64899	SAGAETSDGEAFGVR	AGAP009246-PA	-	109	1.30E-10	1	1453.656	0.58	Malpighian tubule	3R:-:29383089-29383045	exon=> In CDS Exon 6 of transcript AGAP009246-PA
JHU_Ag_67321	ISKPEYVEQVIGSSK	AGAP009246-PA	-	44	0.000352763	3	1663.894	2.19	Pupa	3R:-:29384251-29384207	exon=> In CDS Exon 2 of transcript AGAP009246-PA

JHU_Ag_73034	VNAQSEGEENDYVK	AGAP009246-PA	-	116	2.06E-11	1	1581.704	0.71	Malpighian tubule	3R:-:29383495-29383454	exon=> In CDS Exon 4 of transcript AGAP009246-PA
JHU_Ag_80611	YKNALDTVHNYSR	AGAP009246-PA	-	86	4.04E-08	1	1580.783	0.65	Malpighian tubule	3R:-:29383235-29383197	exon=> In CDS Exon 5 of transcript AGAP009246-PA
JHU_Ag_89058	NALDTVHNYSR	AGAP009246-PA	-	36	0.003270723	2	1289.617	-4.62	Head	3R:-:29383229-29383197	exon=> In CDS Exon 5 of transcript AGAP009246-PA
JHU_Ag_99616	ISKPEYVEQVIGSSK	AGAP009246-PA	-	112	5.04E-11	1	1663.895	3.08	Malpighian tubule	3R:-:29384251-29384207	exon=> In CDS Exon 2 of transcript AGAP009246-PA
JHU_Ag_102907	VNAQSEGEENDYVK	AGAP009246-PA	-	45	0.000236953	2	1581.703	0.25	Pupa	3R:-:29383495-29383454	exon=> In CDS Exon 4 of transcript AGAP009246-PA
JHU_Ag_104270	DGILLYLESR	AGAP009246-PA	-	67	1.77E-06	2	1178.642	0.65	Pupa	3R:-:29380879-29380850	exon=> In CDS Exon 8 of transcript AGAP009246-PA
JHU_Ag_107780	DGILLYLESR	AGAP009246-PA	-	59	1.05E-05	2	1178.645	3.24	Malpighian tubule	3R:-:29380879-29380850	exon=> In CDS Exon 8 of transcript AGAP009246-PA
JHU_Ag_115064	VWTGLTPEVR	AGAP009246-PA	-	44	0.000499133	1	1157.633	1.27	Malpighian tubule	3R:-:29384281-29384252	exon=> In CDS Exon 2 of transcript AGAP009246-PA
JHU_Ag_31084	LYPSVSFFGR	AGAP009246-PA,AGAP009241-PA	-	38	0.002639271	2	1172.611	0.62	Malpighian tubule	3R:-:29381335-29381306;3R:+:29223878-29223907	exon=> In CDS Exon 7 of transcript AGAP009246-PA;exon=> In CDS Exon 7 of transcript AGAP009241-PA
JHU_Ag_6721	ATIIGLAAQAVGIAAQPVGFAAGLK	AGAP009254-PA	-	133	5.00E-14	1	2308.338	-0.33	Ovary	3R:-:29966238-29966330,29965972-29966079	exon=> In CDS Exon 3 and 2 of transcript AGAP009254-PA
JHU_Ag_33474	NILLK	AGAP009254-PA,AGAP004490-PA,AGAP004575-PA,AGAP000500-PC,AGAP000500-PD,AGAP009846-PA	-	30	0.005226321	1	600.410	2.76	Larva	3R:-:29965845-29965831;2R:+:56854669-56854683;2R:+:57739462-57739476;X:+:8798729-8798743;X:+:8798729-8798743;3R:+:44107316-44107330	exon=> In CDS Exon 4 of transcript AGAP009254-PA;exon=> In CDS Exon 1 of transcript AGAP004490-PA;exon=> In CDS Exon 1 of transcript AGAP004575-PA;exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD;exon=> In CDS Exon 1 of transcript AGAP009846-PA
JHU_Ag_72942	NILLK	AGAP009254-PA,AGAP009846-PA,AGAP004490-PA,AGAP004575-PA,AGAP000500-PC,AGAP000500-PD	-	32	0.003397786	1	600.407	-1	Midgut	3R:-:29965845-29965831;3R:+:44107316-44107330;2R:+:56854669-56854683;2R:+:57739462-57739476;X:+:8798729-8798743;X:+:8798729-8798743	exon=> In CDS Exon 4 of transcript AGAP009254-PA;exon=> In CDS Exon 1 of transcript AGAP009846-PA;exon=> In CDS Exon 1 of transcript AGAP004490-PA;exon=> In CDS Exon 1 of transcript AGAP004575-PA;exon=> In CDS Exon 7 of transcript AGAP000500-PC;exon=> In CDS Exon 5 of transcript AGAP000500-PD
JHU_Ag_6162	YWEAIVPVAR	AGAP009255-PA	-	39	0.001648666	2	1203.652	0.02	Head	3R:+:29969865-29969894	exon=> In CDS Exon 5 of transcript AGAP009255-PA
JHU_Ag_9544	VGDGMGSYLAYK	AGAP009255-PA	M5(Oxidation)	60	1.13E-05	1	1276.590	1.78	Malpighian tubule	3R:+:29968550-29968584,29968674-29968674	exon=> In CDS Exon 2 and 3 of transcript AGAP009255-PA
JHU_Ag_10082	MDTNGTLEHDGETEQTQK	AGAP009255-PA	N-Term(Acetyl), M1(Oxidation)	49	5.41E-05	1	2091.880	1.18	Ovary	3R:+:29967812-29967865	exon=> In CDS Exon 1 of transcript AGAP009255-PA
JHU_Ag_10105	VAQHPVLCQDTDFVNFLESDQELPR	AGAP009255-PA	C8(Carbamidomethyl)	89	1.68E-08	1	2957.416	1.95	Visceras	3R:+:29968939-29969013	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_10772	ALVSHRK	AGAP009255-PA	-	34	0.000351757	1	810.496	1.75	Ovary	3R:+:29969191-29969211	exon=> In CDS Exon 3 of transcript AGAP009255-PA

JHU_Ag_11715	YWEAIVPVAR	AGAP009255-PA	-	43	0.000600081	2	1203.655	2.56	Salivary gland	3R:+:29969865-29969894	exon=> In CDS Exon 5 of transcript AGAP009255-PA
JHU_Ag_11732	VAQHPVLCQDTDFVNFLESDQELPR	AGAP009255-PA	C8(Carbamidomethyl)	89	1.90E-08	1	2957.420	3.56	Head	3R:+:29968939-29969013	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_19771	LHSAIK	AGAP009255-PA	-	43	5.18E-05	1	668.409	-0.75	Head	3R:+:29969173-29969190	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_21676	MDTNGTLEHDGETEQTQK	AGAP009255-PA	N-Term(Acetyl), M1(Oxidation), N4(Deamidated)	108	5.26E-11	1	2092.864	1.47	Head	3R:+:29967812-29967865	exon=> In CDS Exon 1 of transcript AGAP009255-PA
JHU_Ag_22341	MGSQPQAEAGAGVNLEWIENRR	AGAP009255-PA	M1(Oxidation)	44	0.000706365	1	2429.165	1	Malpighian tubule	3R:+:29968846-29968911	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_22817	AVNTAALSGAGVMR	AGAP009255-PA	-	41	0.001335859	2	1317.695	0.15	Head	3R:+:29969014-29969055	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_24208	FSDFLGLHDLLVSK	AGAP009255-PA	-	98	1.54E-09	1	1590.857	2.62	Head	3R:+:29968735-29968776	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_35008	AVNTAALSGAGVMR	AGAP009255-PA	M13(Oxidation)	111	1.30E-10	1	1333.690	0.3	Malpighian tubule	3R:+:29969014-29969055	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_37547	DYIGLFGAIK	AGAP009255-PA	-	71	6.45E-07	1	1096.604	0.03	Ovary	3R:+:29969389-29969418	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_37578	MDTNGTLEHDGETEQTQK	AGAP009255-PA	N-Term(Acetyl)	95	1.69E-09	1	2075.883	0.27	Head	3R:+:29967812-29967865	exon=> In CDS Exon 1 of transcript AGAP009255-PA
JHU_Ag_40653	MDTNGTLEHDGETEQTQK	AGAP009255-PA	N-Term(Acetyl), M1(Oxidation)	145	1.30E-14	1	2091.883	2.81	Head	3R:+:29967812-29967865	exon=> In CDS Exon 1 of transcript AGAP009255-PA
JHU_Ag_49677	MGSQPQAEAGAGVNLEWIENRR	AGAP009255-PA	M1(Oxidation)	67	3.44E-06	1	2429.172	3.71	Ovary	3R:+:29968846-29968911	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_50486	VGDGMGSYLAYK	AGAP009255-PA	M5(Oxidation)	63	5.13E-06	2	1276.590	1.4	Head	3R:+:29968550-29968584,29968674-29968674	exon=> In CDS Exon 2 and 3 of transcript AGAP009255-PA
JHU_Ag_52875	VAQHPVLCQDTDFVNFLESDQELPR	AGAP009255-PA	C8(Carbamidomethyl)	97	3.13E-09	1	2957.416	1.95	Malpighian tubule	3R:+:29968939-29969013	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_56586	SAALLSTCEEHTGLSQALSQLADVEEK	AGAP009255-PA	C8(Carbamidomethyl)	33	0.006820836	3	2887.411	4.06	Head	3R:+:29969245-29969325	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_56889	ELATLTGGVAK	AGAP009255-PA	-	47	0.000193391	2	1059.608	3.37	Ovary	3R:+:29969212-29969244	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_57727	SEQANSDLYILSETIK	AGAP009255-PA	-	113	7.90E-11	2	1810.913	3.14	Head	3R:+:29969341-29969388	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_68178	ELATLTGGVAK	AGAP009255-PA	-	51	8.26E-05	2	1059.606	1.64	Malpighian tubule	3R:+:29969212-29969244	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_70818	AVNTAALSGAGVMR	AGAP009255-PA	M13(Oxidation)	98	2.52E-09	1	1333.689	-0.16	Ovary	3R:+:29969014-29969055	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_72664	SAALLSTCEEHTGLSQALSQLADVEEK	AGAP009255-PA	C8(Carbamidomethyl)	74	6.15E-07	1	2887.400	0.19	Ovary	3R:+:29969245-29969325	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_78142	VGDGMGSYLAYK	AGAP009255-PA	M5(Oxidation)	76	2.74E-07	2	1276.590	1.78	Ovary	3R:+:29968550-29968584,29968674-29968674	exon=> In CDS Exon 2 and 3 of transcript AGAP009255-PA
JHU_Ag_82434	ISEVETIDAHMQK	AGAP009255-PA	M11(Oxidation)	57	2.47E-05	2	1516.735	2.25	Head	3R:+:29969134-29969172	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_86562	SEQANSDLYILSETIK	AGAP009255-PA	-	122	1.02E-11	1	1810.903	-1.92	Ovary	3R:+:29969341-29969388	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_89735	FSDFLGLHDLLVSK	AGAP009255-PA	-	106	2.17E-10	1	1590.860	4.61	Malpighian tubule	3R:+:29968735-29968776	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_90505	IIPPAPEKNIIGTTK	AGAP009255-PA	-	37	0.000222941	2	1591.945	2.2	Malpighian tubule	3R:+:29968795-29968839	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_92152	FSDFLGLHDLLVSK	AGAP009255-PA	-	37	0.001768183	1	1590.857	3	Salivary gland	3R:+:29968735-29968776	exon=> In CDS Exon 3 of transcript AGAP009255-PA

JHU_Ag_93336	RFSDFLGLHDLLVSK	AGAP009255-PA	-	77	1.83E-07	1	1746.955	0.5	Malpighian tubule	3R:+:29968732-29968776	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_93347	VGETVNKITYK	AGAP009255-PA	-	71	6.58E-07	1	1251.694	-0.58	Malpighian tubule	3R:+:29969068-29969100	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_94962	MDTNGTLEHDGETEQTQK	AGAP009255-PA	N-Term(Acetyl), M1(Oxidation)	57	7.17E-06	1	2091.877	-0.11	Malpighian tubule	3R:+:29967812-29967865	exon=> In CDS Exon 1 of transcript AGAP009255-PA
JHU_Ag_98202	FSDFLGLHDLLVSK	AGAP009255-PA	-	80	1.00E-07	1	1590.853	0.12	Ovary	3R:+:29968735-29968776	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_98515	VAQHPVLCQDTDFVNFLESDQELPR	AGAP009255-PA	C8(Carbamidomethyl)	110	1.44E-10	1	2957.411	0.21	Ovary	3R:+:29968939-29969013	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_114669	AVNTAALSGAGVMR	AGAP009255-PA	M13(Oxidation)	58	2.80E-05	2	1333.687	-1.99	Male reproductive organs	3R:+:29969014-29969055	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_117266	VAQHPVLCQDTDFVNFLESDQELPR	AGAP009255-PA	C8(Carbamidomethyl)	44	0.000587208	3	2957.414	1.45	Salivary gland	3R:+:29968939-29969013	exon=> In CDS Exon 3 of transcript AGAP009255-PA
JHU_Ag_49814	LAGSKPGHGPSRDDYTTTATEDSSPLEYDFETVR	AGAP009259-PA	-	103	5.03E-10	1	3699.718	3.52	Ovary	3R:-:30025999-30025898	exon=> In CDS Exon 3 of transcript AGAP009259-PA
JHU_Ag_51363	DTATVAQPSLTEADR	AGAP009259-PA	-	48	0.000231383	1	1574.765	-0.42	Midgut	3R:-:30026505-30026461	exon=> In CDS Exon 2 of transcript AGAP009259-PA
JHU_Ag_90467	IAGSSNSSNSSTTIPPPYPAPHQNFGNSSR	AGAP009261-PA	-	90	1.55E-08	1	3072.440	-0.17	Head	3R:+:30061938-30062027	exon=> In CDS Exon 5 of transcript AGAP009261-PA
JHU_Ag_5370	TAGVSTTDLVGR	AGAP009264-PA	-	55	5.14E-05	2	1176.621	-0.9	Malpighian tubule	3R:-:30085403-30085368	exon=> In CDS Exon 5 of transcript AGAP009264-PA
JHU_Ag_8259	FMLIDSGNTITTEDIVER	AGAP009264-PA	M2(Oxidation)	114	5.63E-11	2	2070.006	0.04	Male reproductive organs	3R:-:30083938-30084394,30083698-30083809	exon=> In CDS Exon 7 and 6 of transcript AGAP009264-PA
JHU_Ag_11647	SPWTGCSQFLPTTQK	AGAP009264-PA	C6(Carbamidomethyl)	100	1.84E-09	1	1737.828	1.08	Male reproductive organs	3R:-:30084370-30084326	exon=> In CDS Exon 6 of transcript AGAP009264-PA
JHU_Ag_25155	LVVGIHNDEDITK	AGAP009264-PA	-	84	3.99E-08	1	1452.777	5.37	Male reproductive organs	3R:-:30088099-30088061	exon=> In CDS Exon 2 of transcript AGAP009264-PA
JHU_Ag_54842	EHGDYLIVGLHTDPVVNQYK	AGAP009264-PA	-	94	5.20E-09	1	2297.146	-4.27	Head	3R:-:30084211-30084152	exon=> In CDS Exon 6 of transcript AGAP009264-PA
JHU_Ag_93681	LVVGIHNDEDITK	AGAP009264-PA	-	58	1.59E-05	2	1452.774	3.01	Head	3R:-:30088099-30088061	exon=> In CDS Exon 2 of transcript AGAP009264-PA
JHU_Ag_98298	SPWTGCSQFLPTTQK	AGAP009264-PA	C6(Carbamidomethyl)	79	2.10E-07	2	1737.832	3.25	Malpighian tubule	3R:-:30084370-30084326	exon=> In CDS Exon 6 of transcript AGAP009264-PA
JHU_Ag_99368	AKEHGDYLIVGLHTDPVVNQYK	AGAP009264-PA	-	89	1.30E-08	1	2496.288	-0.02	Male reproductive organs	3R:-:30084217-30084152	exon=> In CDS Exon 6 of transcript AGAP009264-PA
JHU_Ag_116725	TAGVSTTDLVGR	AGAP009264-PA	-	63	7.10E-06	2	1176.621	-0.58	Male reproductive organs	3R:-:30085403-30085368	exon=> In CDS Exon 5 of transcript AGAP009264-PA
JHU_Ag_8519	MLLLTK	AGAP009264-PA,AGAP002078-PA,AGAP001471-PA	-	29	0.002778138	1	718.453	0.15	Midgut	3R:-:30085367-30085350;2R:+:14834213-14834230;2R:-:5356279-5356262	exon=> In CDS Exon 5 of transcript AGAP009264-PA;exon=> In CDS Exon 1 of transcript AGAP002078-PA;exon=> In CDS Exon 4 of transcript AGAP001471-PA
JHU_Ag_49644	MLLLTK	AGAP009264-PA,AGAP002078-PA,AGAP001471-PA	M1(Oxidation)	32	0.002397834	1	734.447	-1.26	Ovary	3R:-:30085367-30085350;2R:+:14834213-14834230;2R:-:5356279-5356262	exon=> In CDS Exon 5 of transcript AGAP009264-PA;exon=> In CDS Exon 1 of transcript AGAP002078-PA;exon=> In CDS Exon 4 of transcript AGAP001471-PA
JHU_Ag_2577	VPTFSSYVEVFTNSYLGAGLHAIR	AGAP009265-PA	-	94	3.95E-09	1	2628.341	-1.7	Ovary	3R:+:30098312-30098383	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_13683	LSSECVNPIIHEK	AGAP009265-PA	C5(Carbamidomethyl)	59	1.72E-05	1	1525.777	5.94	Male reproductive organs	3R:+:30098426-30098464	exon=> In CDS Exon 1 of transcript AGAP009265-PA

JHU_Ag_14430	LLPTLKPKPVTLK	AGAP009265-PA	-	51	1.31E-06	1	1447.961	-0.09	Midgut	3R:+:30098579-30098617	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_24771	LVLDYELFEQSKPGLSAFAGRPEEGAASIGK	AGAP009265-PA	-	135	2.68E-13	1	3279.688	-0.42	Midgut	3R:+:30097865-30097957	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_29259	LLDLAKR	AGAP009265-PA	-	37	0.001680672	1	828.530	-0.24	Malpighian tubule	3R:+:30097958-30097978	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_33521	VPTFSSYVEVFTNSYLGAGLHAIR	AGAP009265-PA	-	209	1.55E-20	1	2628.332	-5.11	Midgut	3R:+:30098312-30098383	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_36705	LSQTPLVLK	AGAP009265-PA	-	54	1.40E-05	2	998.625	0.06	Midgut	3R:+:30097997-30098023	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_42422	VLAFEFHHGTLDGR	AGAP009265-PA	-	84	4.93E-08	1	1598.812	2.79	Midgut	3R:+:30097823-30097864	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_47645	LLPPAQAEALLAACR	AGAP009265-PA	C14(Carbamidomethyl)	78	9.49E-08	2	1593.878	-0.07	Midgut	3R:+:30098042-30098086	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_54404	QHEISAFSYFFDR	AGAP009265-PA	-	68	1.58E-06	1	1646.760	-0.01	Midgut	3R:+:30098618-30098656	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_60482	QHEISAFSYFFDR	AGAP009265-PA	-	32	0.006157207	1	1646.761	0.61	Malpighian tubule	3R:+:30098618-30098656	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_62868	IYAVVIDAGSTGSR	AGAP009265-PA	-	116	3.53E-11	2	1408.743	-0.12	Midgut	3R:+:30097781-30097822	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_62997	VLAFEFHHGTLDGR	AGAP009265-PA	-	82	8.79E-08	2	1598.810	1.8	Head	3R:+:30097823-30097864	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_68760	HAVFTHR	AGAP009265-PA	-	48	0.000159031	2	867.458	-0.21	Midgut	3R:+:30098384-30098404	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_69483	KIDGHEISWALGCAYNILTSR	AGAP009265-PA	C13(Carbamidomethyl)	102	7.87E-10	1	2404.208	0.01	Midgut	3R:+:30099026-30099088	exon=> In CDS Exon 3 of transcript AGAP009265-PA
JHU_Ag_70012	AIETGLVDPMQGGETTVGEFVSK	AGAP009265-PA	-	170	1.50E-16	1	2365.162	1.31	Malpighian tubule	3R:+:30098657-30098678,30098767-30098813	exon=> In CDS Exon 1 and 2 of transcript AGAP009265-PA
JHU_Ag_70447	VLAFEFHHGTLDGR	AGAP009265-PA	-	53	6.76E-05	1	1598.811	1.94	Malpighian tubule	3R:+:30097823-30097864	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_71293	LLPPAQAEALLAACR	AGAP009265-PA	C14(Carbamidomethyl)	70	5.60E-07	2	1593.882	2.61	Malpighian tubule	3R:+:30098042-30098086	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_71828	AIETGLVDPMQGGETTVGEFVSK	AGAP009265-PA	M10(Oxidation)	87	2.90E-08	2	2365.169	3.99	Midgut	3R:+:30098657-30098678,30098767-30098813	exon=> In CDS Exon 1 and 2 of transcript AGAP009265-PA
JHU_Ag_73496	NTVAALDLGGGSTQVTFAPR	AGAP009265-PA	-	84	5.40E-08	2	1975.027	1.44	Malpighian tubule	3R:+:30098210-30098269	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_74026	LLPPAQAEALLAACR	AGAP009265-PA	C14(Carbamidomethyl)	49	7.18E-05	1	1593.882	2.15	Visceras	3R:+:30098042-30098086	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_78972	LVLDYELFEQSKPGLSAFAGRPEEGAASIGK	AGAP009265-PA	-	180	6.52E-18	1	3279.701	3.45	Malpighian tubule	3R:+:30097865-30097957	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_80629	LVLDYELFEQSKPGLSAFAGRPEEGAASIGK	AGAP009265-PA	-	116	1.78E-11	1	3279.692	0.62	Visceras	3R:+:30097865-30097957	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_82058	NTVAALDLGGGSTQVTFAPR	AGAP009265-PA	-	75	4.56E-07	2	1975.033	4.22	Midgut	3R:+:30098210-30098269	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_83810	LSSECVNPIIHEK	AGAP009265-PA	C5(Carbamidomethyl)	76	3.93E-07	1	1525.770	1.22	Malpighian tubule	3R:+:30098426-30098464	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_87439	DVSQTPLYK	AGAP009265-PA	-	40	0.001595	1	1050.547	0	Midgut	3R:+:30098270-30098296	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_92427	YGTGQYYISGK	AGAP009265-PA	-	76	4.03E-07	2	1236.589	-0.8	Midgut	3R:+:30098474-30098506	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_103804	YGTGQYYISGKDNPK	AGAP009265-PA	-	92	8.68E-09	1	1690.806	-0.71	Midgut	3R:+:30098474-30098518	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_106005	ATAENPVVDYELCASIVK	AGAP009265-PA	C13(Carbamidomethyl)	60	1.45E-05	1	1978.991	5.83	Midgut	3R:+:30098519-30098572	exon=> In CDS Exon 1 of transcript AGAP009265-PA

JHU_Ag_107730	LSSECVNPIIHEK	AGAP009265-PA	C5(Carbamidomethyl)	98	2.53E-09	1	1525.766	-1.02	Midgut	3R:+:30098426-30098464	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_110771	LLPTLKPKPVTLK	AGAP009265-PA	-	24	0.000598537	2	1447.964	2.1	Malpighian tubule	3R:+:30098579-30098617	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_112111	ATAENPVVDYELCASIVK	AGAP009265-PA	C13(Carbamidomethyl)	92	1.01E-08	2	1978.984	2.69	Malpighian tubule	3R:+:30098519-30098572	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_113901	LSQTPLVLK	AGAP009265-PA	-	47	3.79E-05	2	998.626	1.34	Malpighian tubule	3R:+:30097997-30098023	exon=> In CDS Exon 1 of transcript AGAP009265-PA
JHU_Ag_29387	LIAAQLGVANPDDLHVER	AGAP009268-PA	-	81	6.52E-08	1	1931.037	1.35	Ovary	3R:-:30305397-30305344	exon=> In CDS Exon 1 of transcript AGAP009268-PA
JHU_Ag_83820	LSVCTPESPHYQSELEQR	AGAP009268-PA	C4(Carbamidomethyl)	43	0.000675651	1	2160.003	-0.06	Ovary	3R:-:30302081-30302028	exon=> In CDS Exon 8 of transcript AGAP009268-PA
JHU_Ag_62973	HQLLK	AGAP009268-PA,AGAP005584-PA,AGAP007621-PA,AGAP004636-PA,AGAP007772-PA	-	30	0.001683 96	1	638.400	1.71	Malpighian tubule	3R:-:30302897-30302883;2L:-:17422949-17422935;2L:+:48355225-48355239;2R:+:58711523-58711537;3R:+:535175-535189	exon=> In CDS Exon 7 of transcript AGAP009268-PA;exon=> In CDS Exon 2 of transcript AGAP005584-PA;exon=> In CDS Exon 2 of transcript AGAP007621-PA;exon=> In CDS Exon 2 of transcript AGAP004636-PA;exon=> In CDS Exon 1 of transcript AGAP007772-PA
JHU_Ag_91278	ARTIQR	AGAP009269-PA	Q5(Deamidated)	38	0.004465241	2	745.421	-14.71	Visceras	3R:-:30308154-30308137	exon=> In CDS Exon 1 of transcript AGAP009269-PA
JHU_Ag_13442	DGVEREVFFAPR	AGAP009271-PA	-	61	1.24E-05	1	1421.721	2.88	Malpighian tubule	3R:+:30419842-30419877	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_16691	DECVEFVK	AGAP009271-PA	C3(Carbamidomethyl)	45	0.000246312	1	1025.459	-2.08	Head	3R:+:30419746-30419769	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_19905	SIFHAMYHDGSSGGVCR	AGAP009271-PA	M6(Oxidation), C16(Carbamidomethyl)	85	1.65E-08	1	1896.810	-0.95	Ovary	3R:+:30419773-30419823	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_23546	DYENVGAR	AGAP009271-PA	-	44	0.000445915	2	923.421	-0.56	Male reproductive organs	3R:+:30419878-30419901	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_28364	DYENVGAR	AGAP009271-PA	-	49	0.000151493	1	923.423	1.22	Ovary	3R:+:30419878-30419901	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_36555	DECVEFVK	AGAP009271-PA	C3(Carbamidomethyl)	45	0.000250578	1	1025.463	1.61	Male reproductive organs	3R:+:30419746-30419769	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_37009	DTLVAGIIVAGWDAK	AGAP009271-PA	-	52	6.35E-05	2	1528.838	0.57	Ovary	3R:+:30419572-30419616	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_41049	DTLVAGIIVAGWDAK	AGAP009271-PA	-	69	1.15E-06	2	1528.838	0.81	Midgut	3R:+:30419572-30419616	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_43152	DTLVAGIIVAGWDAK	AGAP009271-PA	-	57	1.87E-05	2	1528.839	1.05	Visceras	3R:+:30419572-30419616	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_48455	DECVEFVKK	AGAP009271-PA	C3(Carbamidomethyl)	56	3.12E-05	1	1153.556	-0.22	Ovary	3R:+:30419746-30419772	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_50288	DECVEFVKK	AGAP009271-PA	C3(Carbamidomethyl)	57	2.67E-05	1	1153.555	-0.64	Male reproductive organs	3R:+:30419746-30419772	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_54527	QSVTIGGSGSSYIYGFVK	AGAP009271-PA	-	93	6.70E-09	2	1849.940	3.72	Midgut	3R:+:30419665-30419718	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_57817	LTDKIYCCR	AGAP009271-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	47	0.000205 4	1	1228.579	-1.97	Malpighian tubule	3R:+:30419338-30419364	exon=> In CDS Exon 2 of transcript AGAP009271-PA
JHU_Ag_63821	LTDKIYCCR	AGAP009271-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	43	0.000544544	1	1228.581	0.11	Midgut	3R:+:30419338-30419364	exon=> In CDS Exon 2 of transcript AGAP009271-PA
JHU_Ag_67548	SGSAADTQAIADIVAYSLNYHENQTGEPPLVEDAANEFR	AGAP009271-PA	-	250	9.88E-25	1	4163.952	2.24	Ovary	3R:+:30419365-30419429,30419499-30419550	exon=> In CDS Exon 2 and 3 of transcript AGAP009271-PA
JHU_Ag_69395	HGGQVYSVPVGGMQIR	AGAP009271-PA	M13(Oxidation)	62	7.89E-06	1	1684.867	4.83	Malpighian tubule	3R:+:30419617-30419664	exon=> In CDS Exon 3 of transcript AGAP009271-PA

JHU_Ag_70431	TSTGTYVANR	AGAP009271-PA	-	72	6.64E-07	2	1069.527	-0.59	Midgut	3R:+:30419287-30419316	exon=> In CDS Exon 2 of transcript AGAP009271-PA
JHU_Ag_76489	DTLVAGIIVAGWDAK	AGAP009271-PA	-	56	1.95E-05	2	1528.840	1.69	Head	3R:+:30419572-30419616	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_87934	DYENVGAR	AGAP009271-PA	-	42	0.000635 7	1	923.422	-0.17	Malpighian tubule	3R:+:30419878-30419901	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_89153	HGGQVYSVPVGGMQIR	AGAP009271-PA	M13(Oxidation)	51	0.000106 347	2	1700.859	3.18	Male reproductive organs	3R:+:30419617-30419664	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_90232	DECVEFVK	AGAP009271-PA	C3(Carbamidomethyl)	53	4.06E-05	1	1025.460	-0.85	Ovary	3R:+:30419746-30419769	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_92491	DTLVAGIIVAGWDAK	AGAP009271-PA	-	71	6.80E-07	2	1528.838	0.49	Male reproductive organs	3R:+:30419572-30419616	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_96845	HGGQVYSVPVGGMQIR	AGAP009271-PA	M13(Oxidation)	84	5.38E-08	1	1684.859	-0.17	Midgut	3R:+:30419617-30419664	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_97176	SIFHAMYHDGSSGGVCR	AGAP009271-PA	M6(Oxidation), C16(Carbamidomethyl)	60	6.03E-06	2	1896.812	0.15	Head	3R:+:30419773-30419823	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_102709	HGGQVYSVPVGGMQIR	AGAP009271-PA	M13(Oxidation)	103	8.44E-10	1	1700.857	2.03	Ovary	3R:+:30419617-30419664	exon=> In CDS Exon 3 of transcript AGAP009271-PA
JHU_Ag_111323	TSTGTYVANR	AGAP009271-PA	-	68	1.79E-06	2	1069.528	0.66	Ovary	3R:+:30419287-30419316	exon=> In CDS Exon 2 of transcript AGAP009271-PA
JHU_Ag_116536	TSTGTYVANR	AGAP009271-PA	-	54	4.26E-05	2	1069.520	-6.41	Male reproductive organs	3R:+:30419287-30419316	exon=> In CDS Exon 2 of transcript AGAP009271-PA
JHU_Ag_355	STPDILEALR	AGAP009278-PA	-	73	7.35E-07	2	1114.611	0.51	Visceras	3R:-:30569777-30569748	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_6034	VLTVSQWANEDHFSTVQR	AGAP009278-PA	-	86	3.74E-08	1	2117.043	0.66	Head	3R:-:30569210-30570368,30568591-30569089	exon=> In CDS Exon 7 and 6 of transcript AGAP009278-PA
JHU_Ag_7268	IDDDRGK	AGAP009278-PA	-	41	0.001206 015	2	818.391	-11.57	Head	3R:-:30575165-30575145	exon=> In CDS Exon 3 of transcript AGAP009278-PA
JHU_Ag_11434	HSTSVTPVAR	AGAP009278-PA	-	38	0.001461 247	1	1054.566	2.08	Malpighian tubule	3R:-:30575649-30575658,30575440-30575534	exon=> In CDS Exon 2 and 1 of transcript AGAP009278-PA
JHU_Ag_19398	AAVNSVLQR	AGAP009278-PA	-	54	4.69E-05	2	957.547	-0.63	Visceras	3R:-:30568677-30568651	exon=> In CDS Exon 7 of transcript AGAP009278-PA
JHU_Ag_23102	LSGRPTVCLLIR	AGAP009278-PA	C8(Carbamidomethyl)	44	0.000200 12	1	1384.808	-0.7	Visceras	3R:-:30570104-30570069	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_30686	GVDASLLPTLSFPAFASHEER	AGAP009278-PA	-	56	3.59E-05	1	2244.132	1.05	Visceras	3R:-:30574604-30574542	exon=> In CDS Exon 3 of transcript AGAP009278-PA
JHU_Ag_35167	GDEGADIENLSPFQIR	AGAP009278-PA	-	44	0.000575 928	1	1760.846	0.67	Ovary	3R:-:30569273-30569226	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_38616	DISPLFSLSYSQTTGYLAR	AGAP009278-PA	-	50	0.000144 166	1	2119.070	-0.15	Visceras	3R:-:30568734-30568678	exon=> In CDS Exon 7 of transcript AGAP009278-PA
JHU_Ag_58501	HIVDSISPFITTLLVNGK	AGAP009278-PA	-	78	4.97E-08	1	1954.107	3.06	Visceras	3R:-:30569573-30569520	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_69841	AAVNSVLQR	AGAP009278-PA	-	57	1.91E-05	1	957.551	3.96	Malpighian tubule	3R:-:30568677-30568651	exon=> In CDS Exon 7 of transcript AGAP009278-PA
JHU_Ag_70992	VPSSFYNLVWDVLER	AGAP009278-PA	-	114	5.40E-11	2	1823.940	3.78	Visceras	3R:-:30569061-30569017	exon=> In CDS Exon 7 of transcript AGAP009278-PA
JHU_Ag_79150	VGWVLEAMR	AGAP009278-PA	-	60	2.03E-05	2	1060.559	-1.42	Visceras	3R:-:30569318-30569292	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_82569	GDEGADIENLSPFQIR	AGAP009278-PA	-	81	1.16E-07	2	1760.853	4.48	Head	3R:-:30569273-30569226	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_105810	GDEGADIENLSPFQIR	AGAP009278-PA	-	88	2.37E-08	2	1760.847	1.22	Visceras	3R:-:30569273-30569226	exon=> In CDS Exon 6 of transcript AGAP009278-PA

JHU_Ag_106292	VLTVSQWANEDHFSTVQR	AGAP009278-PA	-	60	1.47E-05	1	2117.043	0.74	Visceras	3R:-:30569210-30570368,30568591-30569089	exon=> In CDS Exon 7 and 6 of transcript AGAP009278-PA
JHU_Ag_109243	HIVDSISPFITTLLVNGK	AGAP009278-PA	-	36	0.000629989	1	1954.108	3.9	Head	3R:-:30569573-30569520	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_110169	IGLTGRPPRPVGSLGTSK	AGAP009278-PA	-	26	0.004134747	1	1793.042	1.52	Head	3R:-:30570296-30570243	exon=> In CDS Exon 6 of transcript AGAP009278-PA
JHU_Ag_111406	DISPLFSLSYSQTTGYLAR	AGAP009278-PA	-	66	3.51E-06	2	2119.080	4.46	Head	3R:-:30568734-30568678	exon=> In CDS Exon 7 of transcript AGAP009278-PA
JHU_Ag_14363	FLGTWYEIER	AGAP009282-PA	-	64	4.73E-06	2	1313.657	3.35	Pupa	3R:-:30589350-30589321	exon=> In CDS Exon 1 of transcript AGAP009282-PA
JHU_Ag_27842	LPAGPVLQR	AGAP009282-PA	-	42	0.000105063	1	950.579	0.39	Pupa	3R:-:30588866-30588840	exon=> In CDS Exon 3 of transcript AGAP009282-PA
JHU_Ag_83341	AYGVLDK	AGAP009282-PA	-	40	0.001463993	1	765.415	1.23	Pupa	3R:-:30588839-30588819	exon=> In CDS Exon 3 of transcript AGAP009282-PA
JHU_Ag_110474	ERLPAGPVLQR	AGAP009282-PA	-	28	0.003070948	1	1235.721	-0.87	Pupa	3R:-:30588872-30588840	exon=> In CDS Exon 3 of transcript AGAP009282-PA
JHU_Ag_14926	LVTGSVPAESYK	AGAP009284-PA	-	44	0.000556934	1	1250.664	1.19	Visceras	3R:+:30666037-30666072	exon=> In CDS Exon 5 of transcript AGAP009284-PA
JHU_Ag_39705	HVFDIGPINHQK	AGAP009284-PA	Q11(Deamidated),N9(Deamidated)	72	1.04E-06	1	1404.739	0.79	Head	3R:+:30665049-30665084	exon=> In CDS Exon 4 of transcript AGAP009284-PA
JHU_Ag_39996	FSEPQDVQEIR	AGAP009284-PA	-	80	1.70E-07	1	1347.654	0.27	Visceras	3R:+:30665881-30665913	exon=> In CDS Exon 5 of transcript AGAP009284-PA
JHU_Ag_41067	FSEPQDVQEIRHEIAVWQR	AGAP009284-PA	-	54	5.43E-05	1	2367.184	-0.06	Head	3R:+:30665881-30665937	exon=> In CDS Exon 5 of transcript AGAP009284-PA
JHU_Ag_44550	VTNPDSSVEDGKTTTVVAEQSEK	AGAP009284-PA	-	124	7.24E-12	1	2421.165	0.95	Head	3R:+:30664355-30664423	exon=> In CDS Exon 2 of transcript AGAP009284-PA
JHU_Ag_53318	KLVTGSVPAESYK	AGAP009284-PA	-	77	1.49E-07	1	1378.758	0.46	Head	3R:+:30666034-30666072	exon=> In CDS Exon 5 of transcript AGAP009284-PA
JHU_Ag_59325	TYILPEPSLGPR	AGAP009284-PA	-	43	0.000564098	2	1342.739	2.03	Head	3R:+:30664631-30664631,30664707-30664741	exon=> In CDS Exon 2 and 3 of transcript AGAP009284-PA
JHU_Ag_64861	VTNPDSSVEDGK	AGAP009284-PA	-	76	2.36E-07	1	1247.574	-0.74	Head	3R:+:30664355-30664390	exon=> In CDS Exon 2 of transcript AGAP009284-PA
JHU_Ag_71055	LHGPDEDPLPNEDVSADDGDDSHSK	AGAP009284-PA	-	140	3.66E-14	1	2661.108	-3.78	Head	3R:+:30659533-30659539,30664269-30664336	exon=> In CDS Exon 1 and 2 of transcript AGAP009284-PA
JHU_Ag_74679	LVTGSVPAESYK	AGAP009284-PA	-	42	0.000720782	2	1250.664	0.9	Head	3R:+:30666037-30666072	exon=> In CDS Exon 5 of transcript AGAP009284-PA
JHU_Ag_76599	AAASLSSYSK	AGAP009284-PA	-	37	0.001757989	2	984.501	1.05	Head	3R:+:30665938-30665967	exon=> In CDS Exon 5 of transcript AGAP009284-PA
JHU_Ag_76942	FSEPQDVQEIR	AGAP009284-PA	-	88	2.67E-08	1	1347.655	0.9	Head	3R:+:30665881-30665913	exon=> In CDS Exon 5 of transcript AGAP009284-PA
JHU_Ag_98729	LTTNLEADFPTK	AGAP009284-PA	-	63	8.18E-06	2	1349.696	1.24	Head	3R:+:30665118-30665153	exon=> In CDS Exon 4 of transcript AGAP009284-PA
JHU_Ag_108881	TTTVVAEQSEK	AGAP009284-PA	-	79	2.37E-07	1	1192.606	0.01	Head	3R:+:30664391-30664423	exon=> In CDS Exon 2 of transcript AGAP009284-PA
JHU_Ag_77243	IANASQLNVKK	AGAP009285-PA	-	39	0.000834032	1	1185.690	-3.96	Pupa	3R:+:30784200-30784232	exon=> In CDS Exon 11 of transcript AGAP009285-PA
JHU_Ag_106517	IANASQLNVKK	AGAP009285-PA	-	40	0.000813463	1	1185.698	2.42	Larva	3R:+:30784200-30784232	exon=> In CDS Exon 11 of transcript AGAP009285-PA
JHU_Ag_25117	SDFQTWYK	AGAP009288-PA	N-Term(Acetyl)	45	0.00018721	1	1116.500	-0.15	Midgut	3R:+:30853034-30853057	exon=> In CDS Exon 1 of transcript AGAP009288-PA
JHU_Ag_59624	IGLLPISYLILQSAPFFYK	AGAP009288-PA	-	77	2.91E-08	2	2183.253	0.54	Midgut	3R:+:30853121-30853177	exon=> In CDS Exon 1 of transcript AGAP009288-PA

JHU_Ag_82567	FSYPSELGGPALIETPFFIK	AGAP009288-PA	-	41	0.000848054	2	2213.155	1.06	Midgut	3R:+:30853805-30853864	exon=> In CDS Exon 4 of transcript AGAP009288-PA
JHU_Ag_8930	SLRDFLITNLVK	AGAP009289-PA	-	31	0.001154431	2	1418.839	1.77	Head	3R:+:30855155-30855190	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_14181	SNWNSLGK	AGAP009289-PA	-	37	0.002794585	1	905.448	0.64	Malpighian tubule	3R:+:30854604-30854627	exon=> In CDS Exon 1 of transcript AGAP009289-PA
JHU_Ag_16161	DFLITNLVK	AGAP009289-PA	-	32	0.003424287	1	1062.620	0.13	Male reproductive organs	3R:+:30855164-30855190	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_16282	SDYVKSEDVPLIK	AGAP009289-PA	-	33	0.006098317	1	1492.792	1.94	Malpighian tubule	3R:+:30855332-30855345,30855423-30855447	exon=> In CDS Exon 2 and 3 of transcript AGAP009289-PA
JHU_Ag_38045	MIQISPTATIHQAR	AGAP009289-PA	M1(Oxidation)	44	0.00045115	1	1582.843	3.95	Malpighian tubule	3R:+:30855071-30855112	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_41231	KLADEQLAR	AGAP009289-PA	-	49	0.000167952	1	1043.584	-0.16	Malpighian tubule	3R:+:30855113-30855139	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_50970	INLEALER	AGAP009289-PA	-	42	0.000747436	2	957.538	1.72	Male reproductive organs	3R:+:30855224-30855247	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_53308	INLEALER	AGAP009289-PA	-	52	9.30E-05	2	957.538	1.15	Head	3R:+:30855224-30855247	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_66937	SLRDFLITNLVK	AGAP009289-PA	-	45	3.76E-05	1	1418.844	5.47	Malpighian tubule	3R:+:30855155-30855190	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_96367	INLEALERNFNTGVAQFPQLTGR	AGAP009289-PA	-	44	0.000207623	1	2588.379	7.89	Malpighian tubule	3R:+:30855224-30855292	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_97934	DFLITNLVK	AGAP009289-PA	-	36	0.001360098	2	1062.619	-0.1	Ovary	3R:+:30855164-30855190	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_100860	NFNTGVAQFPQLTGR	AGAP009289-PA	-	76	3.80E-07	1	1649.841	0.68	Head	3R:+:30855248-30855292	exon=> In CDS Exon 2 of transcript AGAP009289-PA
JHU_Ag_39096	NIVSDILTSFDR	AGAP009290-PA	-	40	0.001163866	2	1379.726	7	Ovary	3R:+:30863532-30863567	exon=> In CDS Exon 6 of transcript AGAP009290-PA
JHU_Ag_1076	ELSPIADDVIIVTSSLTK	AGAP009291-PA	-	70	3.69E-07	2	1901.053	2.6	Head	3R:+:30872853-30872906	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_1495	ELSPIADDVIIVTSSLTK	AGAP009291-PA	-	55	1.39E-05	1	1901.051	1.92	Malpighian tubule	3R:+:30872853-30872906	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_4186	ALCSITDSTMLQAVER	AGAP009291-PA	C3(Carbamidomethyl), M10(Oxidation)	96	3.80E-09	2	1810.863	-2.48	Salivary gland	3R:+:30872952-30872999	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_4712	QIATFVAEISDEFK	AGAP009291-PA	-	102	9.89E-10	1	1597.819	5.31	Salivary gland	3R:+:30873672-30873713	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_5041	TSIVDTIILIIEENPDAK	AGAP009291-PA	-	43	0.000315631	2	1984.086	0.39	Salivary gland	3R:+:30873828-30873881	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_5749	VAMLHPPAVNVCNLDLEGLIADSNR	AGAP009291-PA	M3(Oxidation), C12(Carbamidomethyl)	70	1.24E-06	3	2734.368	0.99	Salivary gland	3R:+:30873525-30873599	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_5770	EAGLGHLCEFIEDCEHTSLAVR	AGAP009291-PA	C8(Carbamidomethyl), C14(Carbamidomethyl)	141	1.06E-13	1	2543.168	0.91	Salivary gland	3R:+:30873882-30873947	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_6831	ILYLLNQGEVLGTR	AGAP009291-PA	-	75	1.05E-07	2	1588.906	0.09	Midgut	3R:+:30872620-30872640,30872745-30872765	exon=> In CDS Exon 1 and 2 of transcript AGAP009291-PA
JHU_Ag_7184	LVVVQAIR	AGAP009291-PA	-	51	7.50E-06	2	897.590	2.65	Male reproductive organs	3R:+:30873714-30873737	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_7245	VAMLHPPAVNVCNLDLEGLIADSNR	AGAP009291-PA	M3(Oxidation), C12(Carbamidomethyl)	68	1.86E-06	3	2734.386	7.49	Malpighian tubule	3R:+:30873525-30873599	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_8889	ILHLLGK	AGAP009291-PA	-	33	9.64E-05	1	793.531	1.99	Malpighian tubule	3R:+:30873948-30873968	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_9082	VDLELPEGFVSR	AGAP009291-PA	-	39	0.001621119	2	1360.716	3.74	Midgut	3R:+:30874771-30874806	exon=> In CDS Exon 4 of transcript AGAP009291-PA
JHU_Ag_9747	FDLSIVPK	AGAP009291-PA	-	40	0.000923165	2	918.532	2.38	Male reproductive organs	3R:+:30874305-30874328	exon=> In CDS Exon 2 of transcript AGAP009291-PA

JHU_Ag_12397	FIADHEIVSLPLLEK	AGAP009291-PA	-	72	2.54E-07	2	1723.966	1.75	Salivary gland	3R:+:30874221-30874265	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_13929	ELSTAVSILQLFCGSSK	AGAP009291-PA	C13(Carbamidomethyl)	82	6.30E-08	2	1839.957	2.87	Salivary gland	3R:+:30873435-30873485	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_14024	SVATLAITTLLK	AGAP009291-PA	-	81	4.26E-09	2	1230.769	2.14	Ovary	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_15566	MFNETPVNAR	AGAP009291-PA	M1(Oxidation)	44	0.000533787	2	1194.558	0.96	Salivary gland	3R:+:30872566-30872595	exon=> In CDS Exon 1 of transcript AGAP009291-PA
JHU_Ag_16954	VNREEVNTEK	AGAP009291-PA	-	44	0.000774768	1	1217.613	0.4	Salivary gland	3R:+:30874478-30874507	exon=> In CDS Exon 3 of transcript AGAP009291-PA
JHU_Ag_18237	KCTHILTK	AGAP009291-PA	C2(Carbamidomethyl)	40	0.000988564	1	1000.561	0.12	Salivary gland	3R:+:30872596-30872619	exon=> In CDS Exon 1 of transcript AGAP009291-PA
JHU_Ag_18563	ATYYYTILNQSNPELNKR	AGAP009291-PA	-	112	9.47E-11	1	2188.101	-1.25	Male reproductive organs	3R:+:30874167-30874220	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_20197	FIADHEIVSLPLLEK	AGAP009291-PA	-	81	2.47E-08	1	1723.971	4.79	Malpighian tubule	3R:+:30874221-30874265	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_23342	SEMVVYEAAHAVVNLK	AGAP009291-PA	M3(Oxidation)	43	0.000796028	1	1775.904	2.32	Salivary gland	3R:+:30873372-30873419	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_23388	ATYYYTILNQSNPELNKR	AGAP009291-PA	-	62	8.28E-06	1	2188.109	2.43	Ovary	3R:+:30874167-30874220	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_23647	ALCSITDSTMLQAVER	AGAP009291-PA	C3(Carbamidomethyl)	114	6.42E-11	2	1794.882	5.48	Malpighian tubule	3R:+:30872952-30872999	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_25737	VDLELPEGFVSR	AGAP009291-PA	-	56	4.29E-05	2	1360.716	3.56	Malpighian tubule	3R:+:30874771-30874806	exon=> In CDS Exon 4 of transcript AGAP009291-PA
JHU_Ag_26341	ATYYYTILNQSNPELNKR	AGAP009291-PA	-	95	3.68E-09	1	2188.117	6.23	Malpighian tubule	3R:+:30874167-30874220	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_26550	VDLELPEGFVSR	AGAP009291-PA	-	76	4.11E-07	2	1360.714	2.12	Head	3R:+:30874771-30874806	exon=> In CDS Exon 4 of transcript AGAP009291-PA
JHU_Ag_28278	SPYATCFLIR	AGAP009291-PA	C6(Carbamidomethyl)	34	0.005337 77	2	1227.620	0.77	Head	3R:+:30873246-30873275	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_28716	SVATLAITTLLK	AGAP009291-PA	-	35	0.000184141	2	1230.774	5.91	Head	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_28908	TSVLQETR	AGAP009291-PA	-	58	2.71E-05	2	933.500	0.09	Salivary gland	3R:+:30872542-30872565	exon=> In CDS Exon 1 of transcript AGAP009291-PA
JHU_Ag_36881	LLAIPGIHHVGALHK	AGAP009291-PA	-	37	0.000136746	1	1575.948	-0.08	Salivary gland	3R:+:30874508-30874552	exon=> In CDS Exon 3 of transcript AGAP009291-PA
JHU_Ag_37333	FDLSIVPK	AGAP009291-PA	-	42	0.000566604	2	918.531	1.18	Malpighian tubule	3R:+:30874305-30874328	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_37812	NAPVSSGALVSSLHLASTAGEVVKR	AGAP009291-PA	-	98	5.90E-10	1	2450.339	1.17	Ovary	3R:+:30873027-30873101	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_39369	VDLELPEGFVSR	AGAP009291-PA	-	51	0.000105285	2	1360.710	-0.66	Male reproductive organs	3R:+:30874771-30874806	exon=> In CDS Exon 4 of transcript AGAP009291-PA
JHU_Ag_40319	MFNETPVNAR	AGAP009291-PA	M1(Oxidation)	43	0.000755732	2	1194.559	1.58	Malpighian tubule	3R:+:30872566-30872595	exon=> In CDS Exon 1 of transcript AGAP009291-PA
JHU_Ag_40511	ILYLLNQGEVLGTR	AGAP009291-PA	-	113	1.69E-11	1	1588.912	3.71	Salivary gland	3R:+:30872620-30872640,30872745-30872765	exon=> In CDS Exon 1 and 2 of transcript AGAP009291-PA
JHU_Ag_43379	FIADHEIVSLPLLEK	AGAP009291-PA	-	79	5.80E-08	1	1723.963	0.12	Male reproductive organs	3R:+:30874221-30874265	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_45939	SVATLAITTLLK	AGAP009291-PA	-	77	1.80E-08	2	1230.763	-2.82	Midgut	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_49097	GGVEVLVR	AGAP009291-PA	-	69	1.19E-06	2	828.494	0.43	Salivary gland	3R:+:30875527-30875550	exon=> In CDS Exon 7 of transcript AGAP009291-PA
JHU_Ag_49481	NAPVSSGALVSSLHLASTAGEVVK	AGAP009291-PA	-	100	5.34E-10	1	2294.244	3.66	Salivary gland	3R:+:30873027-30873098	exon=> In CDS Exon 2 of transcript AGAP009291-PA

JHU_Ag_54145	NAPVSSGALVSSLHLASTAGEVVKR	AGAP009291-PA	-	104	1.45E-10	1	2450.346	4.08	Malpighian tubule	3R:+:30873027-30873101	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_56942	QIATFVAEISDEFK	AGAP009291-PA	-	85	4.01E-08	2	1597.819	4.78	Male reproductive organs	3R:+:30873672-30873713	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_57325	VILENATVR	AGAP009291-PA	-	42	0.000664661	2	1014.592	-2.39	Ovary	3R:+:30874023-30874049	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_57933	ATYYYTILNQSNPELNKR	AGAP009291-PA	-	61	9.82E-06	1	2188.100	-1.67	Midgut	3R:+:30874167-30874220	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_58528	SVATLAITTLLK	AGAP009291-PA	-	89	9.49E-10	2	1230.766	-0.54	Male reproductive organs	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_60651	VILENATVR	AGAP009291-PA	-	63	5.52E-06	1	1014.594	-0.65	Salivary gland	3R:+:30874023-30874049	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_64166	ILYLLNQGEVLGTR	AGAP009291-PA	-	107	6.37E-11	1	1588.913	4.78	Malpighian tubule	3R:+:30872620-30872640,30872745-30872765	exon=> In CDS Exon 1 and 2 of transcript AGAP009291-PA
JHU_Ag_66244	SPYATCFLIR	AGAP009291-PA	C6(Carbamidomethyl)	39	0.001373363	1	1227.625	4.65	Malpighian tubule	3R:+:30873246-30873275	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_70081	ILHLLGK	AGAP009291-PA	-	40	1.89E-05	2	793.529	-0.01	Salivary gland	3R:+:30873948-30873968	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_70847	ATYYYTILNQSNPELNK	AGAP009291-PA	-	75	5.30E-07	1	2032.001	-0.71	Salivary gland	3R:+:30874167-30874217	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_70914	VILENATVR	AGAP009291-PA	-	58	1.41E-05	2	1014.597	2.84	Malpighian tubule	3R:+:30874023-30874049	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_72106	LVVVQAIR	AGAP009291-PA	-	26	0.004677674	2	897.589	1.36	Malpighian tubule	3R:+:30873714-30873737	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_74530	ILYLLNQGEVLGTR	AGAP009291-PA	-	107	6.89E-11	1	1588.908	1.32	Ovary	3R:+:30872620-30872640,30872745-30872765	exon=> In CDS Exon 1 and 2 of transcript AGAP009291-PA
JHU_Ag_75120	FDLSIVPK	AGAP009291-PA	-	41	0.000621345	2	918.530	0.12	Midgut	3R:+:30874305-30874328	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_75631	ELSPIADDVIIVTSSLTK	AGAP009291-PA	-	119	5.71E-12	1	1901.049	0.54	Salivary gland	3R:+:30872853-30872906	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_76200	NAPVSSGALVSSLHLASTAGEVVKR	AGAP009291-PA	-	99	5.50E-10	1	2450.342	2.22	Salivary gland	3R:+:30873027-30873101	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_77092	VDLELPEGFVSR	AGAP009291-PA	-	58	2.67E-05	2	1360.713	1.76	Pupa	3R:+:30874771-30874806	exon=> In CDS Exon 4 of transcript AGAP009291-PA
JHU_Ag_77316	SCAPVQLTESETEYTVSCIK	AGAP009291-PA	C2(Carbamidomethyl), C18(Carbamidomethyl)	112	9.49E-11	2	2302.062	1.63	Salivary gland	3R:+:30874553-30874612	exon=> In CDS Exon 3 of transcript AGAP009291-PA
JHU_Ag_78087	FDLSIVPK	AGAP009291-PA	-	49	9.78E-05	2	918.530	-0.01	Salivary gland	3R:+:30874305-30874328	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_81599	SVATLAITTLLK	AGAP009291-PA	-	77	1.26E-08	2	1230.768	0.85	Salivary gland	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_83203	SVATLAITTLLK	AGAP009291-PA	-	62	4.13E-07	2	1230.770	2.34	Pupa	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_83852	SPYATCFLIR	AGAP009291-PA	C6(Carbamidomethyl)	73	6.76E-07	1	1227.619	-0.22	Male reproductive organs	3R:+:30873246-30873275	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_85497	EATECFFAMTK	AGAP009291-PA	C5(Carbamidomethyl), M9(Oxidation)	74	2.16E-07	2	1350.573	2.05	Salivary gland	3R:+:30872766-30872798	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_86652	SVATLAITTLLK	AGAP009291-PA	-	91	5.20E-10	2	1230.774	5.81	Larva	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_90853	SVATLAITTLLK	AGAP009291-PA	-	93	3.03E-10	2	1230.771	3.53	Malpighian tubule	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_92498	VDLELPEGFVSR	AGAP009291-PA	-	72	1.08E-06	1	1360.712	1.14	Salivary gland	3R:+:30874771-30874806	exon=> In CDS Exon 4 of transcript AGAP009291-PA
JHU_Ag_94454	LLAIPGIHHVGALHK	AGAP009291-PA	-	19	0.007343673	1	1575.949	0.24	Ovary	3R:+:30874508-30874552	exon=> In CDS Exon 3 of transcript AGAP009291-PA

JHU_Ag_95160	ILYLLNQGEVLGTR	AGAP009291-PA	-	93	1.65E-09	1	1588.907	1.02	Male reproductive organs	3R:+:30872620-30872640,30872745-30872765	exon=> In CDS Exon 1 and 2 of transcript AGAP009291-PA
JHU_Ag_95815	DMTGKEDLYR	AGAP009291-PA	-	58	1.69E-05	1	1227.571	3.05	Malpighian tubule	3R:+:30872907-30872936	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_97904	LAVADGVTMQLTVR	AGAP009291-PA	M9(Oxidation)	97	2.92E-09	2	1489.804	-0.41	Salivary gland	3R:+:30875557-30875598	exon=> In CDS Exon 7 of transcript AGAP009291-PA
JHU_Ag_104569	ELSPIADDVIIVTSSLTK	AGAP009291-PA	-	75	1.25E-07	1	1901.049	0.76	Male reproductive organs	3R:+:30872853-30872906	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_105054	ATYYYTILNQSNPELNKR	AGAP009291-PA	-	115	4.46E-11	1	2188.105	0.68	Salivary gland	3R:+:30874167-30874220	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_105727	VNREEVNTEK	AGAP009291-PA	-	46	0.000465196	1	1217.613	0.9	Malpighian tubule	3R:+:30874478-30874507	exon=> In CDS Exon 3 of transcript AGAP009291-PA
JHU_Ag_106099	SVATLAITTLLK	AGAP009291-PA	-	81	4.49E-09	2	1230.770	2.34	Visceras	3R:+:30873600-30873635	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_107183	SPYATCFLIR	AGAP009291-PA	C6(Carbamidomethyl)	65	3.84E-06	1	1227.621	1.37	Salivary gland	3R:+:30873246-30873275	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_107262	FIADHEIVSLPLLEK	AGAP009291-PA	-	35	0.00137211	1	1723.963	0.04	Head	3R:+:30874221-30874265	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_108781	TNPRELSTAVSILQLFCGSSK	AGAP009291-PA	C17(Carbamidomethyl)	51	8.04E-05	3	2308.211	6.31	Malpighian tubule	3R:+:30873423-30873485	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_108918	NAPVSSGALVSSLHLASTAGEVVK	AGAP009291-PA	-	39	0.000683715	1	2294.239	1.51	Malpighian tubule	3R:+:30873027-30873098	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_109397	TGAESSVER	AGAP009291-PA	-	57	3.07E-05	2	935.445	2.55	Malpighian tubule	3R:+:30873636-30873662	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_112033	ELSPIADDVIIVTSSLTK	AGAP009291-PA	-	94	2.07E-09	1	1901.046	-0.74	Ovary	3R:+:30872853-30872906	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_112847	TGAESSVER	AGAP009291-PA	-	74	6.25E-07	2	935.442	-0.51	Salivary gland	3R:+:30873636-30873662	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_115454	NAPVSSGALVSSLHLASTAGEVVKR	AGAP009291-PA	-	60	4.14E-06	1	2450.334	-1.08	Male reproductive organs	3R:+:30873027-30873101	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_117606	LVVVQAIR	AGAP009291-PA	-	53	9.68E-06	2	897.588	-0.21	Salivary gland	3R:+:30873714-30873737	exon=> In CDS Exon 2 of transcript AGAP009291-PA
JHU_Ag_43390	IPALIER	AGAP009292-PA	-	55	9.04E-06	2	811.504	-0.17	Male reproductive organs	3R:-:30877675-30877655	exon=> In CDS Exon 1 of transcript AGAP009292-PA
JHU_Ag_7321	IGGVLSYLR	AGAP009295-PA	-	35	0.00135862	2	977.577	-0.64	Male reproductive organs	3R:+:30906949-30906975	exon=> In CDS Exon 5 of transcript AGAP009295-PA
JHU_Ag_91741	LIETLQLR	AGAP009295-PA	Q6(Deamidated)	31	0.005563371	1	986.602	13.74	Malpighian tubule	3R:+:30909360-30909383	exon=> In CDS Exon 11 of transcript AGAP009295-PA
JHU_Ag_102632	ILIIR	AGAP009295-PA	-	20	0.005597189	1	627.458	3.92	Head	3R:+:30909621-30909635	exon=> In CDS Exon 12 of transcript AGAP009295-PA
JHU_Ag_13866	YGDVVTVVIHEVPNVVPEEAVR	AGAP009296-PA	N14(Deamidated)	35	0.002851124	3	2421.274	3.21	Head	3R:-:30910817-30910752	exon=> In CDS Exon 5 of transcript AGAP009296-PA
JHU_Ag_112715	DTPVDDSPNGAGANAGGAR	AGAP009303-PA	-	113	4.25E-11	1	1741.779	3.31	Head	3R:-:30945204-30945148	exon=> In CDS Exon 6 of transcript AGAP009303-PA
JHU_Ag_52951	ESTDLIGDLLNPR	AGAP009304-PA	-	38	0.002158817	2	1442.750	0.9	Midgut	3R:+:31018530-31018568	exon=> In CDS Exon 2 of transcript AGAP009304-PA
JHU_Ag_8954	TLAQDTLEANAR	AGAP009305-PA,AGAP009305-PB	-	99	2.17E-09	1	1302.668	2.13	Malpighian tubule	3R:+:31022060-31022095;3R:+:31022060-31022095	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_11940	TLAQDTLEANAR	AGAP009305-PA,AGAP009305-PB	-	68	2.92E-06	2	1302.665	0.25	Ovary	3R:+:31022060-31022095;3R:+:31022060-31022095	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_19697	TLAQDTLEANAR	AGAP009305-PA,AGAP009305-PB	-	58	3.06E-05	2	1302.664	-0.5	Head	3R:+:31022060-31022095;3R:+:31022060-31022095	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB

JHU_Ag_23322	TLAQDTLEANAR	AGAP009305-PA,AGAP009305-PB	-	43	0.000994572	2	1302.668	2.13	Larva	3R:+:31022060-31022095;3R:+:31022060-31022095	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_27387	TFNMDEYVDLPR	AGAP009305-PA,AGAP009305-PB	-	54	4.31E-05	2	1499.687	2.24	Midgut	3R:+:31021781-31021816;3R:+:31021781-31021816	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_30005	LIILDTAEYVGEWSAK	AGAP009305-PA,AGAP009305-PB	-	64	5.04E-06	2	1807.951	1.66	Pupa	3R:+:31021586-31021633;3R:+:31021586-31021633	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_31176	TLAQDTLEANAR	AGAP009305-PA,AGAP009305-PB	-	83	9.79E-08	1	1302.666	0.53	Male reproductive organs	3R:+:31022060-31022095;3R:+:31022060-31022095	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_35169	AAGGIELFIGGIGPDGHIAFNEPGSSLASR	AGAP009305-PA,AGAP009305-PB	-	143	5.72E-14	1	2910.478	1.19	Pupa	3R:+:31021958-31022047;3R:+:31021958-31022047	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_35343	TLAQDTLEANAR	AGAP009305-PA,AGAP009305-PB	-	99	2.48E-09	1	1302.666	0.91	Pupa	3R:+:31022060-31022095;3R:+:31022060-31022095	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_35775	AAGGIELFIGGIGPDGHIAFNEPGSSLASR	AGAP009305-PA,AGAP009305-PB	-	131	1.02E-12	1	2910.478	1	Midgut	3R:+:31021958-31022047;3R:+:31021958-31022047	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_40227	LIILDTAEYVGEWSAK	AGAP009305-PA,AGAP009305-PB	-	92	7.31E-09	2	1807.947	-0.36	Midgut	3R:+:31021586-31021633;3R:+:31021586-31021633	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_42592	TLAQDTLEANAR	AGAP009305-PA,AGAP009305-PB	-	53	9.90E-05	2	1302.667	1.56	Midgut	3R:+:31022060-31022095;3R:+:31022060-31022095	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_46378	AAGGIELFIGGIGPDGHIAFNEPGSSLASR	AGAP009305-PA,AGAP009305-PB	-	107	2.50E-10	1	2910.475	0.12	Salivary gland	3R:+:31021958-31022047;3R:+:31021958-31022047	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_65470	QALTVGVATVMDAR	AGAP009305-PA,AGAP009305-PB	M11(Oxidation)	80	1.47E-07	1	1447.757	-0.63	Midgut	3R:+:31022129-31022170;3R:+:31022129-31022170	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_67412	YFTLGLPTGSTPLGMYR	AGAP009305-PA,AGAP009305-PB	M15(Oxidation)	71	1.43E-06	2	1889.946	-0.37	Midgut	3R:+:31021679-31021729;3R:+:31021679-31021729	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_77765	YFTLGLPTGSTPLGMYR	AGAP009305-PA,AGAP009305-PB	M15(Oxidation)	64	6.44E-06	1	1889.953	3.18	Pupa	3R:+:31021679-31021729;3R:+:31021679-31021729	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_86314	AAGGIELFIGGIGPDGHIAFNEPGSSLASR	AGAP009305-PA,AGAP009305-PB	-	114	4.58E-11	1	2910.485	3.45	Malpighian tubule	3R:+:31021958-31022047;3R:+:31021958-31022047	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_88069	INDFKPGPDR	AGAP009305-PA,AGAP009305-PB	-	46	0.000365703	1	1158.589	-0.74	Pupa	3R:+:31021649-31021678;3R:+:31021649-31021678	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_90902	TFNMDEYVDLPR	AGAP009305-PA,AGAP009305-PB	M4(Oxidation)	98	1.70E-09	2	1499.687	2	Pupa	3R:+:31021781-31021816;3R:+:31021781-31021816	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_91995	HIDIDPENVHILDGNAPDLVAECDAFEEK	AGAP009305-PA,AGAP009305-PB	C23(Carbamidomethyl)	90	1.12E-08	1	3275.506	-3.21	Midgut	3R:+:31021865-31021951;3R:+:31021865-31021951	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_92914	TFNMDEYVDLPR	AGAP009305-PA,AGAP009305-PB	M4(Oxidation)	69	1.15E-06	1	1515.680	1.07	Salivary gland	3R:+:31021781-31021816;3R:+:31021781-31021816	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB

JHU_Ag_94473	YFTLGLPTGSTPLGMYR	AGAP009305-PA,AGAP009305-PB	M15(Oxidation)	48	0.000242198	2	1889.945	-0.69	Male reproductive organs	3R:+:31021679-31021729;3R:+:31021679-31021729	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_95601	TFNMDEYVDLPR	AGAP009305-PA,AGAP009305-PB	M4(Oxidation)	68	1.29E-06	1	1515.678	-0.46	Ovary	3R:+:31021781-31021816;3R:+:31021781-31021816	exon=> In CDS Exon 1 of transcript AGAP009305-PA;exon=> In CDS Exon 1 of transcript AGAP009305-PB
JHU_Ag_505	LIEEDSADVR	AGAP009305-PB	-	47	0.000387435	2	1146.565	0.85	Male reproductive organs	3R:+:31022836-31022865	exon=> In CDS Exon 2 of transcript AGAP009305-PB
JHU_Ag_45430	QLPPAAIAHPQALR	AGAP009307-PA	Q11(Deamidated)	37	0.00087139	1	1483.845	4.78	Midgut	3R:-:31127733-31127692	exon=> In CDS Exon 2 of transcript AGAP009307-PA
JHU_Ag_1662	GTNLLVMPNR	AGAP009310-PA	M7(Oxidation)	44	0.000750187	2	1130.603	3.42	Malpighian tubule	3R:+:31161571-31161600	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_4212	HFTILDAPGHK	AGAP009310-PA	-	36	0.003563427	1	1235.654	0.81	Salivary gland	3R:+:31160956-31160988	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_4809	GIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C14(Carbamidomethyl)	60	1.59E-05	2	2276.085	4.41	Malpighian tubule	3R:+:31161907-31161969	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_7263	DLTFMPVSGITGQGLR	AGAP009310-PA	M5(Oxidation)	98	2.48E-09	1	1707.874	0.1	Malpighian tubule	3R:+:31161343-31161390	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_16797	EHVNVVFIGHVDAGK	AGAP009310-PA	-	69	1.51E-06	1	1620.853	2.3	Ovary	3R:+:31160525-31160558,31160657-31160667	exon=> In CDS Exon 1 and 2 of transcript AGAP009310-PA
JHU_Ag_17202	KGTNLLVMPNR	AGAP009310-PA	M8(Oxidation)	35	0.004140138	1	1258.697	2.88	Malpighian tubule	3R:+:31161568-31161600	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_18115	HLVVLVNK	AGAP009310-PA	-	36	7.43E-05	1	921.592	4.58	Malpighian tubule	3R:+:31161139-31161162	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_29957	GIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C14(Carbamidomethyl)	69	1.87E-06	2	2276.071	-1.82	Male reproductive organs	3R:+:31161907-31161969	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_29974	KGEFETGFDR	AGAP009310-PA	-	60	7.83E-06	1	1185.558	3.38	Malpighian tubule	3R:+:31161058-31161087	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_31255	HLVVLVNK	AGAP009310-PA	-	43	2.32E-05	2	921.588	-0.19	Head	3R:+:31161139-31161162	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_32425	IECSGLICLEQFK	AGAP009310-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	110	1.55E-10	1	1596.779	1.88	Salivary gland	3R:+:31162254-31162292	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_33226	IFDAQVVILEHK	AGAP009310-PA	-	98	1.05E-09	1	1411.795	0.2	Salivary gland	3R:+:31161979-31162014	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_34193	KHFTILDAPGHK	AGAP009310-PA	-	44	0.000363482	1	1363.747	-0.79	Salivary gland	3R:+:31160953-31160988	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_37258	DLTFMPVSGITGQGLR	AGAP009310-PA	M5(Oxidation)	61	1.13E-05	2	1707.881	4.18	Head	3R:+:31161343-31161390	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_37689	DLTFMPVSGITGQGLR	AGAP009310-PA	M5(Oxidation)	69	1.89E-06	1	1707.880	3.82	Ovary	3R:+:31161343-31161390	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_39481	HLVVLVNK	AGAP009310-PA	-	40	6.56E-05	2	921.587	-1.31	Salivary gland	3R:+:31161139-31161162	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_41018	IECSGLICLEQFKLFPQMGR	AGAP009310-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), M18(Oxidation)	96	3.85E-09	1	2442.210	4.86	Malpighian tubule	3R:+:31162254-31162313	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_42033	LGFNPLK	AGAP009310-PA	-	41	0.00084146	2	788.470	4.25	Ovary	3R:+:31161241-31161245,31161327-31161342	exon=> In CDS Exon 3 and 4 of transcript AGAP009310-PA
JHU_Ag_42626	GIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C14(Carbamidomethyl)	89	1.67E-08	2	2276.074	-0.64	Midgut	3R:+:31161907-31161969	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_42921	LGFNPLK	AGAP009310-PA	-	44	0.000401091	2	788.464	-3.56	Salivary gland	3R:+:31161241-31161245,31161327-31161342	exon=> In CDS Exon 3 and 4 of transcript AGAP009310-PA
JHU_Ag_44178	IECSGLICLEQFK	AGAP009310-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	70	1.48E-06	2	1596.776	0.04	Visceras	3R:+:31162254-31162292	exon=> In CDS Exon 7 of transcript AGAP009310-PA

JHU_Ag_45315	FVKQDQVAIMR	AGAP009310-PA	M10(Oxidation)	54	3.12E-05	2	1334.727	1.76	Malpighian tubule	3R:+:31162221-31162253	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_45689	HLVVLVNK	AGAP009310-PA	-	58	4.49E-07	1	921.591	3.06	Ovary	3R:+:31161139-31161162	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_49207	ALICLVDKK	AGAP009310-PA	C4(Carbamidomethyl)	49	8.35E-05	1	1059.623	0.19	Salivary gland	3R:+:31162164-31162190	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_54128	GEFETGFDR	AGAP009310-PA	-	48	9.43E-05	2	1057.458	-0.49	Salivary gland	3R:+:31161061-31161087	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_56079	KGTNLLVMPNR	AGAP009310-PA	M8(Oxidation)	62	8.05E-06	1	1258.699	4.34	Ovary	3R:+:31161568-31161600	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_56732	EPIDASTCPWYQGPAFIPFIDELPSLNR	AGAP009310-PA	C8(Carbamidomethyl)	69	1.50E-06	1	3233.579	5.4	Ovary	3R:+:31161391-31161474	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_57279	IECSGLICLEQFK	AGAP009310-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	83	7.23E-08	2	1596.777	0.66	Male reproductive organs	3R:+:31162254-31162292	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_58373	HFTILDAPGHK	AGAP009310-PA	-	67	2.88E-06	2	1235.650	-2.42	Ovary	3R:+:31160956-31160988	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_59075	GIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C14(Carbamidomethyl)	174	5.50E-17	1	2276.082	2.9	Salivary gland	3R:+:31161907-31161969	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_60039	IECSGLICLEQFK	AGAP009310-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	53	7.00E-05	1	1596.784	5.01	Ovary	3R:+:31162254-31162292	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_61326	MDDPTVNWDLER	AGAP009310-PA	M1(Oxidation)	75	1.91E-07	1	1506.656	1.85	Salivary gland	3R:+:31161163-31161198	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_63801	GIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C14(Carbamidomethyl)	93	7.83E-09	2	2276.077	0.97	Head	3R:+:31161907-31161969	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_65407	GIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C14(Carbamidomethyl)	167	3.28E-16	1	2276.083	3.44	Ovary	3R:+:31161907-31161969	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_71788	LGFNPLK	AGAP009310-PA	-	43	0.000479525	1	788.468	2.47	Malpighian tubule	3R:+:31161241-31161245,31161327-31161342	exon=> In CDS Exon 3 and 4 of transcript AGAP009310-PA
JHU_Ag_73125	IFDAQVVILEHK	AGAP009310-PA	-	92	3.46E-09	1	1411.800	3.61	Ovary	3R:+:31161979-31162014	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_77578	GIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C14(Carbamidomethyl)	56	3.97E-05	2	2276.087	5.37	Visceras	3R:+:31161907-31161969	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_84967	IECSGLICLEQFK	AGAP009310-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	78	2.15E-07	1	1596.786	5.93	Head	3R:+:31162254-31162292	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_89379	EHVNVVFIGHVDAGK	AGAP009310-PA	-	71	9.45E-07	1	1620.849	-0.08	Salivary gland	3R:+:31160525-31160558,31160657-31160667	exon=> In CDS Exon 1 and 2 of transcript AGAP009310-PA
JHU_Ag_92702	LGFNPLKDLTFMPVSGITGQGLR	AGAP009310-PA	M12(Oxidation)	44	0.000163009	1	2477.353	12.23	Malpighian tubule	3R:+:31161241-31161245,31161327-31161390	exon=> In CDS Exon 3 and 4 of transcript AGAP009310-PA
JHU_Ag_93379	IFDAQVVILEHK	AGAP009310-PA	-	53	3.42E-05	1	1411.793	-1.13	Male reproductive organs	3R:+:31161979-31162014	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_94241	KGEFETGFDR	AGAP009310-PA	-	49	0.000119685	2	1185.558	3.58	Ovary	3R:+:31161058-31161087	exon=> In CDS Exon 3 of transcript AGAP009310-PA
JHU_Ag_94944	DLTFMPVSGITGQGLR	AGAP009310-PA	M5(Oxidation)	96	3.81E-09	1	1707.875	1.11	Salivary gland	3R:+:31161343-31161390	exon=> In CDS Exon 4 of transcript AGAP009310-PA
JHU_Ag_98850	GIEEEDVSPGFVLCDASNPIKTGK	AGAP009310-PA	C14(Carbamidomethyl)	54	5.44E-05	1	2562.256	6.63	Malpighian tubule	3R:+:31161907-31161978	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_102450	LGFNPLK	AGAP009310-PA	-	40	0.000877 01	2	788.466	-0.39	Head	3R:+:31161241-31161245,31161327-31161342	exon=> In CDS Exon 3 and 4 of transcript AGAP009310-PA
JHU_Ag_103412	ALICLVDKK	AGAP009310-PA	C4(Carbamidomethyl)	28	0.008397613	2	1059.625	1.34	Head	3R:+:31162164-31162190	exon=> In CDS Exon 7 of transcript AGAP009310-PA
JHU_Ag_105226	SFVPNMIGGAAQADLAVLVISAR	AGAP009310-PA	M6(Oxidation)	45	0.000173721	1	2316.248	4.28	Ovary	3R:+:31160989-31161057	exon=> In CDS Exon 3 of transcript AGAP009310-PA

JHU_Ag_109907	IFDAQVVILEHK	AGAP009310-PA	-	32	0.003955305	1	1411.796	1.21	Malpighian tubule	3R:+:31161979-31162014	exon=> In CDS Exon 6 of transcript AGAP009310-PA
JHU_Ag_110766	VKGIEEEDVSPGFVLCDASNPIK	AGAP009310-PA	C16(Carbamidomethyl)	41	0.001060151	1	2503.262	9.39	Malpighian tubule	3R:+:31161774-31161779,31161907-31161969	exon=> In CDS Exon 5 and 6 of transcript AGAP009310-PA
JHU_Ag_115500	LGFNPLK	AGAP009310-PA	-	40	0.001000011	2	788.467	0.07	Male reproductive organs	3R:+:31161241-31161245,31161327-31161342	exon=> In CDS Exon 3 and 4 of transcript AGAP009310-PA
JHU_Ag_9603	IQENIEQHIQDGAEK	AGAP009313-PA	-	110	1.65E-10	1	1751.855	-0.73	Midgut	3R:+:31186854-31186898	exon=> In CDS Exon 2 of transcript AGAP009313-PA
JHU_Ag_41947	QIASVEDAIQDLEQLYNEK	AGAP009313-PA	-	121	1.30E-11	2	2206.088	0.43	Midgut	3R:+:31186635-31186691	exon=> In CDS Exon 2 of transcript AGAP009313-PA
JHU_Ag_51184	DAAGLIGHTSR	AGAP009313-PA	-	76	2.32E-07	1	1097.578	7.8	Midgut	3R:+:31187092-31187124	exon=> In CDS Exon 3 of transcript AGAP009313-PA
JHU_Ag_81381	ALFFAEFTHLLDGIAK	AGAP009313-PA	-	125	2.44E-12	1	1792.964	0.19	Midgut	3R:+:31186542-31186589	exon=> In CDS Exon 2 of transcript AGAP009313-PA
JHU_Ag_104591	YDGALNELSSSVSPCFESVPQNIR	AGAP009313-PA	C15(Carbamidomethyl)	51	0.000123154	2	2669.250	-0.55	Midgut	3R:+:31186713-31186784	exon=> In CDS Exon 2 of transcript AGAP009313-PA
JHU_Ag_107736	EALASLSSLEQNAGK	AGAP009313-PA	-	83	9.11E-08	2	1517.781	0.26	Midgut	3R:+:31186590-31186634	exon=> In CDS Exon 2 of transcript AGAP009313-PA
JHU_Ag_116260	KIQENIEQHIQDGAEK	AGAP009313-PA	-	107	3.17E-10	1	1879.943	-4.16	Midgut	3R:+:31186851-31186898	exon=> In CDS Exon 2 of transcript AGAP009313-PA
JHU_Ag_2105	LLLSVLPEHVAVK	AGAP009315-PA	-	69	5.21E-08	1	1417.880	1.86	Head	3R:+:31217406-31217444	exon=> In CDS Exon 5 of transcript AGAP009315-PA
JHU_Ag_9185	TDPLEDDTQASEDYK	AGAP009315-PA	-	85	1.34E-08	1	1726.735	3.67	Head	3R:+:31229185-31229229	exon=> In CDS Exon 11 of transcript AGAP009315-PA
JHU_Ag_11985	DVVIEPDGPSEILR	AGAP009315-PA	-	44	0.000454763	2	1538.811	3.05	Head	3R:+:31228763-31228804	exon=> In CDS Exon 10 of transcript AGAP009315-PA
JHU_Ag_16336	ALQGINEQSFNHFVLK	AGAP009315-PA	-	47	0.000248306	1	1844.968	1.25	Head	3R:+:31237610-31237657	exon=> In CDS Exon 18 of transcript AGAP009315-PA
JHU_Ag_52087	NEALVYNVLPMHVAEHFMGNR	AGAP009315-PA	M11(Oxidation), M18(Oxidation)	52	9.00E-05	1	2473.183	3	Head	3R:+:31237151-31237213	exon=> In CDS Exon 17 of transcript AGAP009315-PA
JHU_Ag_85927	DGHSEISK	AGAP009315-PA	-	38	0.000926574	2	872.414	3.29	Head	3R:+:31229260-31229283	exon=> In CDS Exon 11 of transcript AGAP009315-PA
JHU_Ag_94540	TIGSTYMAASGLNPSR	AGAP009315-PA	-	95	4.82E-09	1	1625.791	-2.73	Head	3R:+:31237481-31237528	exon=> In CDS Exon 18 of transcript AGAP009315-PA
JHU_Ag_98642	TTTISSTSSTSSTTAETSVSK	AGAP009315-PA	-	112	8.30E-11	1	2063.988	2.37	Head	3R:+:31238222-31238284	exon=> In CDS Exon 18 of transcript AGAP009315-PA
JHU_Ag_5024	EANVPIIWVLGGPGCGK	AGAP009317-PA,AGAP009317-PB	C15(Carbamidomethyl)	99	1.50E-09	1	1766.928	0.92	Male reproductive organs	3R:-:31244789-31244739;3R:-:31244789-31244739	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_10034	SIDELLAAK	AGAP009317-PA,AGAP009317-PB	-	67	3.45E-06	2	959.542	0.8	Visceras	3R:-:31243001-31242975;3R:-:31243001-31242975	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_10205	AAESSTVR	AGAP009317-PA,AGAP009317-PB	-	58	2.42E-05	2	820.416	-0.17	Male reproductive organs	3R:-:31243305-31243282;3R:-:31243305-31243282	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_12048	INAERAPEEIFADVEK	AGAP009317-PA,AGAP009317-PB	-	90	1.59E-08	1	1830.931	4.1	Malpighian tubule	3R:-:31243049-31243002;3R:-:31243049-31243002	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB

JHU_Ag_12128	ADDNEETLK	AGAP009317-PA,AGAP009317-PB	-	61	6.73E-06	1	1034.464	0.08	Head	3R:-:31243281-31243255;3R:-:31243281-31243255	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_17140	SIDELLAAK	AGAP009317-PA,AGAP009317-PB	-	45	0.000575233	2	959.545	3.92	Malpighian tubule	3R:-:31243001-31242975;3R:-:31243001-31242975	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_19176	EANVPIIWVLGGPGCGK	AGAP009317-PA,AGAP009317-PB	C15(Carbamidomethyl)	100	1.22E-09	1	1766.931	2.93	Visceras	3R:-:31244789-31244739;3R:-:31244789-31244739	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_26640	APEEIFADVEK	AGAP009317-PA,AGAP009317-PB	-	102	1.01E-09	1	1247.619	2.58	Visceras	3R:-:31243034-31243002;3R:-:31243034-31243002	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_26670	EANVPIIWVLGGPGCGK	AGAP009317-PA,AGAP009317-PB	C15(Carbamidomethyl)	85	3.32E-08	2	1766.936	5.9	Malpighian tubule	3R:-:31244789-31244739;3R:-:31244789-31244739	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_32739	QGILVPNETVLK	AGAP009317-PA,AGAP009317-PB	-	52	1.93E-05	2	1310.771	2.13	Visceras	3R:-:31244615-31244580;3R:-:31244615-31244580	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_35789	AAESSTVRADDNEETLK	AGAP009317-PA,AGAP009317-PB	-	46	0.000380852	1	1835.863	0.84	Malpighian tubule	3R:-:31243305-31243255;3R:-:31243305-31243255	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_39796	APEEIFADVEK	AGAP009317-PA,AGAP009317-PB	-	102	1.00E-09	1	1247.615	-0.16	Head	3R:-:31243034-31243002;3R:-:31243034-31243002	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_40257	YNFSHFSTGDLLR	AGAP009317-PA,AGAP009317-PB	-	81	1.12E-07	1	1556.754	2.94	Visceras	3R:-:31244708-31244670;3R:-:31244708-31244670	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_42610	APEEIFADVEKSIDELLAAK	AGAP009317-PA,AGAP009317-PB	-	124	3.80E-12	1	2188.145	3.12	Malpighian tubule	3R:-:31243034-31242975;3R:-:31243034-31242975	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_43657	QGILVPNETVLK	AGAP009317-PA,AGAP009317-PB	-	37	0.000492318	2	1310.770	1.75	Head	3R:-:31244615-31244580;3R:-:31244615-31244580	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_44461	ILVQYPTQLRR	AGAP009317-PA,AGAP009317-PB	-	28	0.002700747	1	1386.824	1.86	Visceras	3R:-:31243218-31243186;3R:-:31243218-31243186	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_46692	YNFSHFSTGDLLR	AGAP009317-PA,AGAP009317-PB	-	61	1.10E-05	1	1556.751	1.32	Male reproductive organs	3R:-:31244708-31244670;3R:-:31244708-31244670	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_47501	YNFSHFSTGDLLR	AGAP009317-PA,AGAP009317-PB	-	80	1.67E-07	1	1556.756	4.27	Head	3R:-:31244708-31244670;3R:-:31244708-31244670	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB

JHU_Ag_48084	RAAESSTVR	AGAP009317-PA,AGAP009317-PB	-	49	0.000197032	1	976.514	-3.07	Head	3R:-:31243308-31243282;3R:-:31243308-31243282	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_49615	ILVQYPTQLR	AGAP009317-PA,AGAP009317-PB	-	43	0.000151024	1	1230.726	4.51	Head	3R:-:31243218-31243189;3R:-:31243218-31243189	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_50416	EPAQGPEFEK	AGAP009317-PA,AGAP009317-PB	-	50	0.000105552	1	1131.530	-1.19	Head	3R:-:31244432-31244403;3R:-:31244432-31244403	exon=> In CDS Exon 3 of transcript AGAP009317-PA;exon=> In CDS Exon 4 of transcript AGAP009317-PB
JHU_Ag_50956	ILVQYPTQLRR	AGAP009317-PA,AGAP009317-PB	-	31	0.001198075	1	1386.824	1.72	Malpighian tubule	3R:-:31243218-31243186;3R:-:31243218-31243186	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_54887	ALNGTVGYLIDGYPR	AGAP009317-PA,AGAP009317-PB	N3(Deamidated)	110	1.29E-10	2	1608.845	4.08	Visceras	3R:-:31244555-31244795,31244358-31244433;3R:-:31244555-31244795,31244358-31244433	exon=> In CDS Exon 3 and 2 of transcript AGAP009317-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP009317-PB
JHU_Ag_57967	ALNGTVGYLIDGYPR	AGAP009317-PA,AGAP009317-PB	N3(Deamidated)	102	8.56E-10	2	1608.845	4.38	Malpighian tubule	3R:-:31244555-31244795,31244358-31244433;3R:-:31244555-31244795,31244358-31244433	exon=> In CDS Exon 3 and 2 of transcript AGAP009317-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP009317-PB
JHU_Ag_59293	SIDELLAAK	AGAP009317-PA,AGAP009317-PB	-	40	0.001930874	1	959.540	-1.28	Head	3R:-:31243001-31242975;3R:-:31243001-31242975	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_59895	YNFSHFSTGDLLRDEVASGSDK	AGAP009317-PA,AGAP009317-PB	-	67	2.44E-06	1	2445.124	-3.37	Head	3R:-:31244708-31244643;3R:-:31244708-31244643	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_62103	SIDELLAAK	AGAP009317-PA,AGAP009317-PB	-	61	1.79E-05	2	959.541	-0.21	Male reproductive organs	3R:-:31243001-31242975;3R:-:31243001-31242975	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_62980	IATFRENTEK	AGAP009317-PA,AGAP009317-PB	-	74	6.00E-07	1	1208.627	0.18	Malpighian tubule	3R:-:31243248-31243219;3R:-:31243248-31243219	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_70524	ILVQYPTQLR	AGAP009317-PA,AGAP009317-PB	-	33	0.001503297	1	1230.726	4.05	Visceras	3R:-:31243218-31243189;3R:-:31243218-31243189	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_72477	ILVQYPTQLRR	AGAP009317-PA,AGAP009317-PB	-	45	5.52E-05	1	1386.822	0.04	Male reproductive organs	3R:-:31243218-31243186;3R:-:31243218-31243186	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_78185	EANVPIIWVLGGPGCGK	AGAP009317-PA,AGAP009317-PB	C15(Carbamidomethyl)	115	4.12E-11	1	1766.927	0.37	Head	3R:-:31244789-31244739;3R:-:31244789-31244739	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB

JHU_Ag_80560	APEEIFADVEK	AGAP009317-PA,AGAP009317-PB	-	95	5.14E-09	1	1247.615	-0.65	Male reproductive organs	3R:-:31243034-31243002;3R:-:31243034-31243002	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_83202	ALNGTVGYLIDGYPR	AGAP009317-PA,AGAP009317-PB	N3(Deamidated)	93	6.89E-09	1	1608.838	0.13	Male reproductive organs	3R:-:31244555-31244795,31244358-31244433;3R:-:31244555-31244795,31244358-31244433	exon=> In CDS Exon 3 and 2 of transcript AGAP009317-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP009317-PB
JHU_Ag_83966	QGILVPNETVLKLLEAAMVK	AGAP009317-PA,AGAP009317-PB	M18(Oxidation)	46	3.20E-05	3	2182.258	2.77	Malpighian tubule	3R:-:31244615-31244556;3R:-:31244615-31244556	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_84456	LLEAAMVK	AGAP009317-PA,AGAP009317-PB	-	48	0.000230043	2	874.508	1.1	Visceras	3R:-:31244579-31244556;3R:-:31244579-31244556	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_99095	ILVQYPTQLRR	AGAP009317-PA,AGAP009317-PB	-	30	0.002371046	1	1386.820	-1.54	Head	3R:-:31243218-31243186;3R:-:31243218-31243186	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_99281	YNFSHFSTGDLLRDEVASGSDK	AGAP009317-PA,AGAP009317-PB	-	54	5.21E-05	1	2445.146	5.62	Ovary	3R:-:31244708-31244643;3R:-:31244708-31244643	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_100919	QGILVPNETVLK	AGAP009317-PA,AGAP009317-PB	-	37	0.000494725	2	1310.770	1.38	Male reproductive organs	3R:-:31244615-31244580;3R:-:31244615-31244580	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_101894	ILVQYPTQLR	AGAP009317-PA,AGAP009317-PB	-	34	0.001973146	1	1230.721	0.19	Male reproductive organs	3R:-:31243218-31243189;3R:-:31243218-31243189	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_102417	APEEIFADVEK	AGAP009317-PA,AGAP009317-PB	-	90	1.71E-08	1	1247.619	2.68	Malpighian tubule	3R:-:31243034-31243002;3R:-:31243034-31243002	exon=> In CDS Exon 5 of transcript AGAP009317-PA;exon=> In CDS Exon 6 of transcript AGAP009317-PB
JHU_Ag_103924	ALNGTVGYLIDGYPR	AGAP009317-PA,AGAP009317-PB	N3(Deamidated)	109	1.78E-10	2	1608.840	0.97	Head	3R:-:31244555-31244795,31244358-31244433;3R:-:31244555-31244795,31244358-31244433	exon=> In CDS Exon 3 and 2 of transcript AGAP009317-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP009317-PB
JHU_Ag_108736	ADDNEETLK	AGAP009317-PA,AGAP009317-PB	-	42	0.000566025	2	1034.465	1.49	Visceras	3R:-:31243281-31243255;3R:-:31243281-31243255	exon=> In CDS Exon 4 of transcript AGAP009317-PA;exon=> In CDS Exon 5 of transcript AGAP009317-PB
JHU_Ag_109001	YNFSHFSTGDLLRDEVASGSDK	AGAP009317-PA,AGAP009317-PB	-	127	2.58E-12	1	2445.135	1.5	Visceras	3R:-:31244708-31244643;3R:-:31244708-31244643	exon=> In CDS Exon 2 of transcript AGAP009317-PA;exon=> In CDS Exon 3 of transcript AGAP009317-PB
JHU_Ag_116789	EPAQGPEFEK	AGAP009317-PA,AGAP009317-PB	-	45	0.000281996	1	1131.532	0.54	Visceras	3R:-:31244432-31244403;3R:-:31244432-31244403	exon=> In CDS Exon 3 of transcript AGAP009317-PA;exon=> In CDS Exon 4 of transcript AGAP009317-PB

JHU_Ag_113115	ASTSTPPSGGSSPAVQVPNAGGVSTGHMR	AGAP009317-PB	M28(Oxidation)	62	9.21E-06	1	2710.294	3.22	Head	3R:-:31245170-31245224,31244521-31244790	exon=> In CDS Exon 3 and 2 of transcript AGAP009317-PB
JHU_Ag_90444	IAHASGAER	AGAP009322-PA	-	49	0.000116715	1	911.470	0.21	Male reproductive organs	3R:+:31265665-31265683,31265806-31265813	exon=> In CDS Exon 1 and 2 of transcript AGAP009322-PA
JHU_Ag_702	AVVAQFDAGELITQREMVSQK	AGAP009323-PA	M17(Oxidation)	100	1.17E-09	1	2336.202	4.3	Malpighian tubule	3R:+:31267722-31267784	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_736	QVAQQEAEK	AGAP009323-PA	-	40	0.001213815	2	1030.515	-0.95	Head	3R:+:31267896-31267922	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_1018	ATQFLNR	AGAP009323-PA	N-Term(Acetyl)	41	0.001249678	1	891.471	3.4	Malpighian tubule	3R:+:31267261-31267281	exon=> In CDS Exon 1 of transcript AGAP009323-PA
JHU_Ag_1395	AVVAQFDAGELITQR	AGAP009323-PA	-	121	1.10E-11	1	1617.862	1.71	Ovary	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_4940	VLPSITTEVLK	AGAP009323-PA	-	53	2.25E-05	1	1199.726	0.74	Malpighian tubule	3R:+:31267689-31267721	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_8483	RIEAAEDIAYQMSR	AGAP009323-PA	M12(Oxidation)	95	5.97E-09	2	1652.801	-3.15	Midgut	3R:+:31268055-31268096	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_9597	VSDDLTER	AGAP009323-PA	-	67	3.22E-06	2	934.448	0.8	Midgut	3R:+:31267785-31267808	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_14119	FMVEKAEQMK	AGAP009323-PA	-	65	3.95E-06	1	1240.608	1.55	Malpighian tubule	3R:+:31267929-31267958	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_14146	AVVAQFDAGELITQR	AGAP009323-PA	-	129	1.76E-12	1	1617.861	0.66	Head	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_17145	VLPSITTEVLK	AGAP009323-PA	-	41	0.000325274	2	1199.725	0.03	Ovary	3R:+:31267689-31267721	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_17828	IYTILGQDYDER	AGAP009323-PA	-	95	3.81E-09	1	1485.723	0.45	Male reproductive organs	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_18042	AAQFGVILDDISITHLTFGK	AGAP009323-PA	-	62	3.99E-06	1	2146.167	5.92	Malpighian tubule	3R:+:31267809-31267868	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_18360	EFTQAVEMK	AGAP009323-PA	-	50	0.000131276	2	1082.519	0.67	Malpighian tubule	3R:+:31267869-31267895	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_18947	QAAIITAEGDAQAAQMLAR	AGAP009323-PA	M16(Oxidation)	104	5.35E-10	2	1944.982	0.51	Head	3R:+:31267959-31268015	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_19333	QQVTGEGTHFFVPWVQRPIIFDIRSQPR	AGAP009323-PA	Q1(Deamidated),Q2(Deamidated)	55	1.64E-05	1	3338.769	4.31	Malpighian tubule	3R:+:31267476-31267559	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_20237	IYTILGQDYDER	AGAP009323-PA	-	83	6.33E-08	1	1485.725	1.68	Salivary gland	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_20536	DLQNVNITLR	AGAP009323-PA	-	74	4.10E-07	2	1185.659	0.17	Male reproductive organs	3R:+:31267587-31267616	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_20626	DLQNVNITLR	AGAP009323-PA	-	58	1.41E-05	1	1185.662	2.43	Pupa	3R:+:31267587-31267616	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_21418	RIEAAEDIAYQMSR	AGAP009323-PA	-	79	2.17E-07	1	1652.811	2.83	Malpighian tubule	3R:+:31268055-31268096	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_23302	ARFMVEK	AGAP009323-PA	M4(Oxidation)	44	0.000492831	2	896.453	-14.14	Male reproductive organs	3R:+:31267923-31267943	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_23560	VLPSITTEVLK	AGAP009323-PA	-	65	1.30E-06	1	1199.724	-0.89	Head	3R:+:31267689-31267721	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_27513	IEAAEDIAYQMSR	AGAP009323-PA	M11(Oxidation)	62	6.81E-06	2	1512.694	-3.76	Midgut	3R:+:31268058-31268096	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_27858	NVPVITGSK	AGAP009323-PA	-	40	0.001325164	1	914.531	0.11	Visceras	3R:+:31267560-31267586	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_29992	ILFRPVPDQLPK	AGAP009323-PA	-	51	1.52E-05	1	1422.848	1.05	Male reproductive organs	3R:+:31267617-31267652	exon=> In CDS Exon 2 of transcript AGAP009323-PA

JHU_Ag_30040	IGQLGLGVAVIGGVVNSALYNVDGGHR	AGAP009323-PA	-	54	1.34E-05	3	2635.434	0.73	Visceras	3R:+:31267282-31267345,31267426-31267442	exon=> In CDS Exon 1 and 2 of transcript AGAP009323-PA
JHU_Ag_33110	ILFRPVPDQLPK	AGAP009323-PA	-	51	1.44E-05	1	1422.851	3.28	Malpighian tubule	3R:+:31267617-31267652	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_33443	QAAIITAEGDAQAAQMLAR	AGAP009323-PA	M16(Oxidation)	111	1.05E-10	1	1928.985	-0.54	Midgut	3R:+:31267959-31268015	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_33568	AVIFDRFSGVK	AGAP009323-PA	-	68	1.22E-06	1	1238.692	2.37	Malpighian tubule	3R:+:31267443-31267475	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_35627	IYTILGQDYDERVLPSITTEVLK	AGAP009323-PA	-	117	7.15E-12	1	2666.444	5.58	Malpighian tubule	3R:+:31267653-31267721	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_35904	AVVAQFDAGELITQR	AGAP009323-PA	Q5(Deamidated)	128	2.39E-12	1	1617.857	-1.31	Midgut	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_36258	DLQNVNITLR	AGAP009323-PA	-	56	1.74E-05	1	1185.666	5.83	Malpighian tubule	3R:+:31267587-31267616	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_36280	QVAQQEAEKAR	AGAP009323-PA	-	61	1.08E-05	2	1257.657	1.6	Malpighian tubule	3R:+:31267896-31267928	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_36407	IGQLGLGVAVIGGVVNSALYNVDGGHR	AGAP009323-PA	-	177	6.67E-18	1	2635.437	1.91	Head	3R:+:31267282-31267345,31267426-31267442	exon=> In CDS Exon 1 and 2 of transcript AGAP009323-PA
JHU_Ag_37143	VSDDLTER	AGAP009323-PA	-	43	0.000723057	2	934.447	-0.83	Salivary gland	3R:+:31267785-31267808	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_38313	AVVAQFDAGELITQR	AGAP009323-PA	-	121	1.02E-11	1	1617.858	-0.7	Salivary gland	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_38691	ILFRPVPDQLPK	AGAP009323-PA	-	45	5.31E-05	1	1422.846	-0.67	Midgut	3R:+:31267617-31267652	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_42659	SRGVNYLPAGQQTLLSLPQ	AGAP009323-PA	-	71	6.72E-07	1	2042.103	0.22	Head	3R:+:31268097-31268153	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_45855	ILFRPVPDQLPK	AGAP009323-PA	-	43	0.000100989	1	1422.849	1.56	Pupa	3R:+:31267617-31267652	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_46202	IGQLGLGVAVIGGVVNSALYNVDGGHR	AGAP009323-PA	-	161	3.43E-16	1	2635.431	-0.11	Ovary	3R:+:31267282-31267345,31267426-31267442	exon=> In CDS Exon 1 and 2 of transcript AGAP009323-PA
JHU_Ag_47492	AVVAQFDAGELITQR	AGAP009323-PA	-	80	1.22E-07	1	1617.860	0.2	Visceras	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_47586	IYTILGQDYDER	AGAP009323-PA	-	97	2.68E-09	1	1485.721	-0.7	Ovary	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_47755	IYTILGQDYDER	AGAP009323-PA	-	51	0.00010461	2	1485.722	0.12	Visceras	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_47823	IYTILGQDYDER	AGAP009323-PA	-	105	4.29E-10	1	1485.725	2.01	Malpighian tubule	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_48074	VLPSITTEVLK	AGAP009323-PA	-	34	0.001815717	2	1199.727	1.76	Pupa	3R:+:31267689-31267721	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_48309	AAQFGVILDDISITHLTFGK	AGAP009323-PA	-	89	9.38E-09	1	2146.160	2.51	Head	3R:+:31267809-31267868	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_48569	DLQNVNITLR	AGAP009323-PA	-	64	3.74E-06	2	1185.659	0.58	Midgut	3R:+:31267587-31267616	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_49429	ATQFLNR	AGAP009323-PA	N-Term(Acetyl)	39	0.002337353	2	891.468	-0.02	Visceras	3R:+:31267261-31267281	exon=> In CDS Exon 1 of transcript AGAP009323-PA
JHU_Ag_49976	AAQFGVILDDISITHLTFGK	AGAP009323-PA	-	36	0.001127824	1	2146.173	8.65	Ovary	3R:+:31267809-31267868	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_51926	RIEAAEDIAYQMSR	AGAP009323-PA	M12(Oxidation)	56	4.64E-05	2	1668.797	-2.56	Head	3R:+:31268055-31268096	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_52313	IEAAEDIAYQMSR	AGAP009323-PA	M11(Oxidation)	113	7.10E-11	2	1496.706	0.71	Head	3R:+:31268058-31268096	exon=> In CDS Exon 2 of transcript AGAP009323-PA

JHU_Ag_52893	IGQLGLGVAVIGGVVNSALYNVDGGHR	AGAP009323-PA	-	51	1.86E-05	3	2635.449	6.77	Larva	3R:+:31267282-31267345,31267426-31267442	exon=> In CDS Exon 1 and 2 of transcript AGAP009323-PA
JHU_Ag_53558	SLKESGDGLIELR	AGAP009323-PA	-	104	4.87E-10	1	1416.770	0.15	Head	3R:+:31268016-31268054	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_54583	SLKESGDGLIELR	AGAP009323-PA	-	104	4.75E-10	1	1416.773	2.82	Malpighian tubule	3R:+:31268016-31268054	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_56937	IEAAEDIAYQMSR	AGAP009323-PA	M11(Oxidation)	92	9.10E-09	1	1496.707	1.61	Malpighian tubule	3R:+:31268058-31268096	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_57020	AVIFDR	AGAP009323-PA	-	34	0.003296158	1	720.404	-0.1	Male reproductive organs	3R:+:31267443-31267460	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_57904	GVNYLPAGQQTLLSLPQ	AGAP009323-PA	-	44	0.000382503	2	1798.970	0.23	Ovary	3R:+:31268103-31268153	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_58964	IYTILGQDYDER	AGAP009323-PA	-	87	2.32E-08	1	1485.724	1.27	Pupa	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_61912	QQVTGEGTHFFVPWVQRPIIFDIR	AGAP009323-PA	-	71	5.28E-07	1	2870.504	-2.11	Visceras	3R:+:31267476-31267547	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_62271	IGQLGLGVAVIGGVVNSALYNVDGGHR	AGAP009323-PA	-	217	4.58E-22	1	2635.449	6.56	Malpighian tubule	3R:+:31267282-31267345,31267426-31267442	exon=> In CDS Exon 1 and 2 of transcript AGAP009323-PA
JHU_Ag_62429	QQVTGEGTHFFVPWVQRPIIFDIR	AGAP009323-PA	-	80	5.77E-08	1	2870.524	4.67	Malpighian tubule	3R:+:31267476-31267547	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_64224	AAQFGVILDDISITHLTFGK	AGAP009323-PA	-	68	1.18E-06	1	2146.155	0.37	Salivary gland	3R:+:31267809-31267868	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_65722	VLPSITTEVLK	AGAP009323-PA	-	58	6.29E-06	2	1199.723	-1.6	Midgut	3R:+:31267689-31267721	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_67270	IGQLGLGVAVIGGVVNSALYNVDGGHR	AGAP009323-PA	-	158	6.52E-16	1	2635.429	-0.94	Midgut	3R:+:31267282-31267345,31267426-31267442	exon=> In CDS Exon 1 and 2 of transcript AGAP009323-PA
JHU_Ag_68454	VSDDLTER	AGAP009323-PA	-	60	1.65E-05	2	934.449	1.06	Malpighian tubule	3R:+:31267785-31267808	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_69378	EFTQAVEMK	AGAP009323-PA	-	39	0.001393753	1	1082.518	-0.61	Midgut	3R:+:31267869-31267895	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_71808	SLKESGDGLIELR	AGAP009323-PA	-	91	8.77E-09	1	1416.768	-0.79	Male reproductive organs	3R:+:31268016-31268054	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_72303	QQVTGEGTHFFVPWVQRPIIFDIR	AGAP009323-PA	-	87	1.27E-08	1	2870.513	0.93	Midgut	3R:+:31267476-31267547	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_72805	QAAIITAEGDAQAAQMLAR	AGAP009323-PA	M16(Oxidation)	130	1.31E-12	1	1928.991	2.62	Malpighian tubule	3R:+:31267959-31268015	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_75764	ILFRPVPDQLPK	AGAP009323-PA	-	45	6.13E-05	1	1422.852	3.45	Ovary	3R:+:31267617-31267652	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_76852	EFTQAVEMK	AGAP009323-PA	-	37	0.002433245	2	1082.518	-0.23	Head	3R:+:31267869-31267895	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_78894	ESGDGLIELR	AGAP009323-PA	-	42	0.001321401	2	1088.558	0.1	Ovary	3R:+:31268025-31268054	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_79928	EFTQAVEMK	AGAP009323-PA	M8(Oxidation)	38	0.001479674	2	1098.517	3.18	Male reproductive organs	3R:+:31267869-31267895	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_80780	NVPVITGSK	AGAP009323-PA	-	50	0.000131908	1	914.532	1.04	Male reproductive organs	3R:+:31267560-31267586	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_81776	VSDDLTER	AGAP009323-PA	-	63	8.37E-06	2	934.445	-2.4	Male reproductive organs	3R:+:31267785-31267808	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_84543	ESGDGLIELR	AGAP009323-PA	-	59	2.58E-05	2	1088.555	-2.93	Midgut	3R:+:31268025-31268054	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_86122	DLQNVNITLR	AGAP009323-PA	-	63	4.20E-06	2	1185.659	0.27	Ovary	3R:+:31267587-31267616	exon=> In CDS Exon 2 of transcript AGAP009323-PA

JHU_Ag_86703	VLPSITTEVLK	AGAP009323-PA	-	71	3.58E-07	1	1199.724	-0.28	Male reproductive organs	3R:+:31267689-31267721	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_87168	IYTILGQDYDER	AGAP009323-PA	-	101	1.13E-09	1	1485.723	0.45	Head	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_89875	SRGVNYLPAGQQTLLSLPQ	AGAP009323-PA	-	83	3.13E-08	2	2042.112	4.17	Malpighian tubule	3R:+:31268097-31268153	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_90792	NVPVITGSKDLQNVNITLR	AGAP009323-PA	-	140	2.88E-14	1	2081.177	2.7	Malpighian tubule	3R:+:31267560-31267616	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_92175	AVVAQFDAGELITQR	AGAP009323-PA	-	127	2.25E-12	1	1617.866	4.05	Malpighian tubule	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_93053	ATQFLNR	AGAP009323-PA	N-Term(Acetyl)	50	0.000154169	2	891.468	-0.57	Male reproductive organs	3R:+:31267261-31267281	exon=> In CDS Exon 1 of transcript AGAP009323-PA
JHU_Ag_93340	NVPVITGSK	AGAP009323-PA	-	50	0.000128358	1	914.534	3.71	Malpighian tubule	3R:+:31267560-31267586	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_94104	NVPVITGSK	AGAP009323-PA	-	47	0.000329491	1	914.530	-1.16	Head	3R:+:31267560-31267586	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_99396	ESGDGLIELR	AGAP009323-PA	-	55	6.16E-05	2	1088.558	-0.35	Male reproductive organs	3R:+:31268025-31268054	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_100343	SLKESGDGLIELR	AGAP009323-PA	-	73	5.52E-07	2	1416.772	2.05	Salivary gland	3R:+:31268016-31268054	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_101953	AVVAQFDAGELITQR	AGAP009323-PA	-	117	2.62E-11	1	1617.864	2.84	Pupa	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_102401	ILFRPVPDQLPK	AGAP009323-PA	-	58	2.97E-06	1	1422.849	1.56	Head	3R:+:31267617-31267652	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_102855	ILFRPVPDQLPK	AGAP009323-PA	-	53	8.34E-06	1	1422.846	-0.24	Salivary gland	3R:+:31267617-31267652	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_107664	NVPVITGSK	AGAP009323-PA	-	58	2.70E-05	1	914.530	-0.49	Midgut	3R:+:31267560-31267586	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_107681	VSDDLTER	AGAP009323-PA	-	55	5.06E-05	2	934.446	-1.68	Head	3R:+:31267785-31267808	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_110862	DLQNVNITLR	AGAP009323-PA	-	54	3.57E-05	1	1185.660	0.75	Head	3R:+:31267587-31267616	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_111237	IYTILGQDYDER	AGAP009323-PA	-	100	1.27E-09	1	1485.723	0.61	Midgut	3R:+:31267653-31267688	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_112006	QQVTGEGTHFFVPWVQRPIIFDIR	AGAP009323-PA	-	81	5.93E-08	1	2870.509	-0.26	Head	3R:+:31267476-31267547	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_113194	AVVAQFDAGELITQR	AGAP009323-PA	-	102	9.82E-10	1	1617.862	1.41	Male reproductive organs	3R:+:31267722-31267766	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_114373	AAQFGVILDDISITHLTFGK	AGAP009323-PA	-	80	8.24E-08	1	2146.152	-0.91	Midgut	3R:+:31267809-31267868	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_114870	ATQFLNR	AGAP009323-PA	N-Term(Acetyl)	49	0.000196664	2	891.468	-0.36	Midgut	3R:+:31267261-31267281	exon=> In CDS Exon 1 of transcript AGAP009323-PA
JHU_Ag_115812	QQVTGEGTHFFVPWVQRPIIFDIR	AGAP009323-PA	-	51	5.33E-05	1	2870.517	2.23	Ovary	3R:+:31267476-31267547	exon=> In CDS Exon 2 of transcript AGAP009323-PA
JHU_Ag_3680	TFGGVLCHHCLR	AGAP009324-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	81	1.14E-07	1	1456.692	-1.05	Midgut	3R:-:31269105-31269070	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_9182	LVYQYVK	AGAP009324-PA	-	32	0.002885967	1	912.522	3.51	Head	3R:-:31269240-31269220	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_12379	AQQQAKPVGKPVKAPK	AGAP009324-PA	-	51	7.72E-06	1	1675.005	2.04	Malpighian tubule	3R:-:31269012-31268965	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_12578	TFGGVLCHHCLR	AGAP009324-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	86	3.53E-08	1	1456.692	-1.37	Ovary	3R:-:31269105-31269070	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_20257	LVYQYVK	AGAP009324-PA	-	32	0.003770752	1	912.520	1.43	Salivary gland	3R:-:31269240-31269220	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_26813	AFLIDEQK	AGAP009324-PA	-	50	0.000169867	2	963.517	2.42	Larva	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA

JHU_Ag_36442	ELNGIKPSRPCERPR	AGAP009324-PA	N3(Deamidated), C11(Carbamidomethyl),C11(Carbamidomethyl)	40	0.001055393	1	1808.952	-1.81	Visceras	3R:-:31269180-31269136	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_41418	RLSYNTK	AGAP009324-PA	-	41	0.000457252	1	881.486	2.25	Malpighian tubule	3R:-:31270082-31270062	exon=> In CDS Exon 1 of transcript AGAP009324-PA
JHU_Ag_42362	TFGGVLCHHCLR	AGAP009324-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	66	3.17E-06	1	1456.692	-1.28	Pupa	3R:-:31269105-31269070	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_42920	LVYQYVK	AGAP009324-PA	-	32	0.003391782	1	912.520	1.17	Larva	3R:-:31269240-31269220	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_43889	AFLIDEQK	AGAP009324-PA	-	39	0.001977755	1	963.515	0.47	Midgut	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_46958	RLSYNTK	AGAP009324-PA	-	36	0.001503682	1	881.486	2.25	Ovary	3R:-:31270082-31270062	exon=> In CDS Exon 1 of transcript AGAP009324-PA
JHU_Ag_53581	TFGGVLCHHCLR	AGAP009324-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	51	0.000129677	2	1456.694	0.39	Visceras	3R:-:31269105-31269070	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_57015	AQQQAKPVGKPVK	AGAP009324-PA	-	50	2.05E-05	1	1378.815	-0.8	Midgut	3R:-:31269012-31268974	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_63193	AFLIDEQK	AGAP009324-PA	-	48	0.000237515	2	963.517	1.98	Malpighian tubule	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_64023	TFGGVLCHHCLR	AGAP009324-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	51	0.000114913	1	1456.696	1.9	Larva	3R:-:31269105-31269070	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_65806	AQQQAKPVGKPVK	AGAP009324-PA	-	49	2.62E-05	1	1378.814	-2.07	Ovary	3R:-:31269012-31268974	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_66066	ELNGIKPSRPCERPR	AGAP009324-PA	N3(Deamidated), C11(Carbamidomethyl),C11(Carbamidomethyl)	41	0.00089856	1	1809.942	1.63	Ovary	3R:-:31269180-31269136	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_72987	LVYQYVK	AGAP009324-PA	-	50	5.58E-05	1	912.520	1.23	Visceras	3R:-:31269240-31269220	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_76878	AQQQAKPVGKPVK	AGAP009324-PA	-	48	4.11E-05	1	1378.808	-6.06	Visceras	3R:-:31269012-31268974	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_77616	LVYQYVK	AGAP009324-PA	-	55	2.28E-05	1	912.518	-0.51	Ovary	3R:-:31269240-31269220	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_80112	AFLIDEQK	AGAP009324-PA	-	64	5.62E-06	1	963.515	0.01	Pupa	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_83248	TFGGVLCHHCLR	AGAP009324-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	69	1.69E-06	1	1456.700	4.42	Malpighian tubule	3R:-:31269105-31269070	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_84505	LVYQYVK	AGAP009324-PA	-	49	7.14E-05	1	912.520	0.97	Malpighian tubule	3R:-:31269240-31269220	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_93971	AFLIDEQK	AGAP009324-PA	-	46	0.000351173	1	963.516	1.28	Salivary gland	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_98303	AFLIDEQK	AGAP009324-PA	-	43	0.000733992	1	963.518	3.51	Head	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_102892	LVYQYVKK	AGAP009324-PA	-	53	1.94E-05	1	1040.617	3.31	Malpighian tubule	3R:-:31269240-31269217	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_104143	AFLIDEQK	AGAP009324-PA	-	54	6.13E-05	1	963.515	0.39	Visceras	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_104950	TFGGVLCHHCLR	AGAP009324-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	73	8.12E-07	1	1456.696	1.9	Head	3R:-:31269105-31269070	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_106435	AFLIDEQKVVK	AGAP009324-PA	-	76	1.29E-07	1	1289.750	2.52	Malpighian tubule	3R:-:31269054-31269022	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_109271	AQQQAKPVGKPVK	AGAP009324-PA	-	55	5.96E-06	1	1378.817	-0.01	Malpighian tubule	3R:-:31269012-31268974	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_111450	ELNGIKPSRPCERPR	AGAP009324-PA	N3(Deamidated), C11(Carbamidomethyl)	42	0.000733798	1	1809.946	4.16	Larva	3R:-:31269180-31269136	exon=> In CDS Exon 2 of transcript AGAP009324-PA

JHU_Ag_112386	ELNGIKPSRPCERPR	AGAP009324-PA	C11(Carbamidomethyl)	31	0.007355889	1	1808.958	1.79	Head	3R:-:31269180-31269136	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_113827	AFLIDEQKVVK	AGAP009324-PA	-	63	2.30E-06	1	1289.747	0.72	Ovary	3R:-:31269054-31269022	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_115394	AFLIDEQK	AGAP009324-PA	-	47	0.000315697	1	963.515	0.66	Ovary	3R:-:31269054-31269031	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_117397	LVYQYVK	AGAP009324-PA	-	36	0.001630202	2	912.518	-0.91	Midgut	3R:-:31269240-31269220	exon=> In CDS Exon 2 of transcript AGAP009324-PA
JHU_Ag_22573	KAFQMFDTQK	AGAP009330-PA	M5(Oxidation)	42	0.000758955	2	1259.607	-1.37	Head	3R:+:31456568-31456597	exon=> In CDS Exon 2 of transcript AGAP009330-PA
JHU_Ag_35306	EGNGYITTSTLK	AGAP009330-PA	N3(Deamidated)	76	3.28E-07	1	1284.634	1.56	Head	3R:+:31456823-31456848,31459974-31459983	exon=> In CDS Exon 2 and 3 of transcript AGAP009330-PA
JHU_Ag_40034	AFQMFDTQK	AGAP009330-PA	M4(Oxidation)	62	6.16E-06	1	1115.519	-0.02	Head	3R:+:31456571-31456597	exon=> In CDS Exon 2 of transcript AGAP009330-PA
JHU_Ag_43081	ISTILNTMGQLFDEGELQDLIDEEDPESTGR	AGAP009330-PA	M8(Oxidation)	159	1.68E-15	1	3481.628	3.25	Ovary	3R:+:31456622-31456714	exon=> In CDS Exon 2 of transcript AGAP009330-PA
JHU_Ag_56867	EGNGYITTSTLK	AGAP009330-PA	-	65	4.54E-06	2	1283.648	0.52	Visceras	3R:+:31456823-31456848,31459974-31459983	exon=> In CDS Exon 2 and 3 of transcript AGAP009330-PA
JHU_Ag_58688	AFQMFDTQK	AGAP009330-PA	M4(Oxidation)	65	2.04E-06	1	1131.514	0.1	Ovary	3R:+:31456571-31456597	exon=> In CDS Exon 2 of transcript AGAP009330-PA
JHU_Ag_68249	EGNGYITTSTLK	AGAP009330-PA	N3(Deamidated)	61	1.03E-05	2	1283.648	-0.24	Ovary	3R:+:31456823-31456848,31459974-31459983	exon=> In CDS Exon 2 and 3 of transcript AGAP009330-PA
JHU_Ag_77259	TGFIETIK	AGAP009330-PA	-	33	0.003614608	1	908.509	0.58	Ovary	3R:+:31456598-31456621	exon=> In CDS Exon 2 of transcript AGAP009330-PA
JHU_Ag_98840	VNFDGFANIASNFLQEEEDAEAMQQELK	AGAP009330-PA	M23(Oxidation)	186	2.31E-18	1	3203.451	1.21	Ovary	3R:+:31456715-31456798	exon=> In CDS Exon 2 of transcript AGAP009330-PA
JHU_Ag_28820	LSGLENGLLGLNSR	AGAP009331-PA	-	41	0.000610867	2	1442.798	1.49	Head	3R:+:31496595-31496636	exon=> In CDS Exon 7 of transcript AGAP009331-PA
JHU_Ag_4405	WSTIAANENIR	AGAP009334-PA	-	56	4.97E-05	2	1274.649	0.02	Head	3R:-:31532256-31532224	exon=> In CDS Exon 1 of transcript AGAP009334-PA
JHU_Ag_51752	WSTIAANENIR	AGAP009334-PA	-	80	1.80E-07	1	1274.652	2.7	Malpighian tubule	3R:-:31532256-31532224	exon=> In CDS Exon 1 of transcript AGAP009334-PA
JHU_Ag_57923	WSTIAANENIR	AGAP009334-PA	-	58	3.01E-05	1	1274.649	0.4	Salivary gland	3R:-:31532256-31532224	exon=> In CDS Exon 1 of transcript AGAP009334-PA
JHU_Ag_103181	WSTIAANENIR	AGAP009334-PA	-	78	2.96E-07	2	1274.649	0.02	Midgut	3R:-:31532256-31532224	exon=> In CDS Exon 1 of transcript AGAP009334-PA
JHU_Ag_495	ALAIVMFDNAGQVEK	AGAP009336-PA	M6(Oxidation), N9(Deamidated),M6(Oxidation)	128	2.36E-12	1	1621.826	0.06	Ovary	3R:-:31535110-31535066	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_4252	FGSASLEAYK	AGAP009336-PA	-	56	2.88E-05	2	1072.531	0.4	Salivary gland	3R:-:31535005-31534976	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_7146	AGGAKPNANK	AGAP009336-PA	-	63	3.59E-06	2	927.501	0.4	Ovary	3R:-:31534780-31534751	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_16050	VGGSPNDTQSK	AGAP009336-PA	-	74	5.33E-07	1	1089.519	1.34	Ovary	3R:-:31535275-31535243	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_22893	FGSASLEAYK	AGAP009336-PA	-	71	8.94E-07	2	1072.532	0.74	Ovary	3R:-:31535005-31534976	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_25404	FGSASLEAYK	AGAP009336-PA	-	49	0.000128358	2	1072.535	3.36	Head	3R:-:31535005-31534976	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_26471	ALAIVMFDNAGQVEK	AGAP009336-PA	M6(Oxidation)	70	1.30E-06	2	1621.837	7.06	Larva	3R:-:31535110-31535066	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_28526	FGSASLEAYKAK	AGAP009336-PA	-	35	0.004812067	1	1271.667	3.01	Malpighian tubule	3R:-:31535005-31534970	exon=> In CDS Exon 1 of transcript AGAP009336-PA

JHU_Ag_38061	KSGEALNGHPVVVER	AGAP009336-PA	N7(Deamidated)	104	4.40E-10	1	1591.854	-0.67	Ovary	3R:-:31535056-31535012	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_41884	ALAIVMFDNAGQVEK	AGAP009336-PA	M6(Oxidation)	97	3.32E-09	1	1621.824	-1.07	Male reproductive organs	3R:-:31535110-31535066	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_49230	FGSASLEAYK	AGAP009336-PA	-	50	9.98E-05	2	1072.531	-0.17	Visceras	3R:-:31535005-31534976	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_49484	SGEALNGHPVVVER	AGAP009336-PA	N6(Deamidated)	35	0.004566032	3	1464.748	2.44	Midgut	3R:-:31535053-31535012	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_57300	SGEALNGHPVVVER	AGAP009336-PA	-	65	4.25E-06	1	1463.768	5.58	Head	3R:-:31535053-31535012	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_59171	SGEALNGHPVVVER	AGAP009336-PA	N6(Deamidated)	104	5.04E-10	1	1464.750	4.07	Malpighian tubule	3R:-:31535053-31535012	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_59481	ALAIVMFDNAGQVEK	AGAP009336-PA	-	97	2.79E-09	1	1605.834	2.21	Visceras	3R:-:31535110-31535066	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_61237	HLKPTSTDEQVVEFFADVGK	AGAP009336-PA	-	108	2.08E-10	1	2247.131	0.79	Salivary gland	3R:-:31535200-31535141	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_62964	HLKPTSTDEQVVEFFADVGK	AGAP009336-PA	-	104	4.88E-10	1	2247.133	1.69	Malpighian tubule	3R:-:31535200-31535141	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_67114	HLKPTSTDEQVVEFFADVGK	AGAP009336-PA	Q10(Deamidated)	150	1.22E-14	1	2247.127	-0.91	Ovary	3R:-:31535200-31535141	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_75762	SNSFIMLGGK	AGAP009336-PA	M6(Oxidation)	43	0.000556959	2	1069.535	0.46	Salivary gland	3R:-:31535587-31535558	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_78226	HLKPTSTDEQVVEFFADVGK	AGAP009336-PA	-	92	7.79E-09	1	2247.130	0.47	Midgut	3R:-:31535200-31535141	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_79036	SKFGSASLEAYK	AGAP009336-PA	-	62	9.60E-06	1	1287.662	2.76	Ovary	3R:-:31535011-31534976	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_79440	SGEALNGHPVVVER	AGAP009336-PA	N6(Deamidated)	80	1.28E-07	1	1464.745	0.24	Salivary gland	3R:-:31535053-31535012	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_82389	VGGSPNDTQSK	AGAP009336-PA	-	71	1.04E-06	2	1089.518	0.44	Salivary gland	3R:-:31535275-31535243	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_83567	SKFGSASLEAYK	AGAP009336-PA	-	44	0.000539949	1	1287.658	0.2	Visceras	3R:-:31535011-31534976	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_86087	HLKPTSTDEQVVEFFADVGK	AGAP009336-PA	-	70	1.27E-06	1	2247.135	2.51	Visceras	3R:-:31535200-31535141	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_89027	SKFGSASLEAYK	AGAP009336-PA	-	45	0.000548927	1	1287.661	2.29	Malpighian tubule	3R:-:31535011-31534976	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_90403	ALAIVMFDNAGQVEK	AGAP009336-PA	M6(Oxidation)	99	1.98E-09	2	1621.828	1.56	Salivary gland	3R:-:31535110-31535066	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_94843	ALAIVMFDNAGQVEK	AGAP009336-PA	-	94	6.42E-09	2	1605.833	1.45	Midgut	3R:-:31535110-31535066	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_103626	HLKPTSTDEQVVEFFADVGKCK	AGAP009336-PA	C21(Carbamidomethyl)	120	1.45E-11	1	2535.263	3.13	Malpighian tubule	3R:-:31535200-31535135	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_104549	SGEALNGHPVVVER	AGAP009336-PA	N6(Deamidated)	124	6.06E-12	1	1463.761	0.83	Ovary	3R:-:31535053-31535012	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_107327	SNSFIMLGGK	AGAP009336-PA	M6(Oxidation)	52	6.63E-05	2	1069.535	0.34	Ovary	3R:-:31535587-31535558	exon=> In CDS Exon 1 of transcript AGAP009336-PA
JHU_Ag_19877	FLESPDFQPNVAK	AGAP009341-PA	-	54	8.15E-05	2	1491.750	1.36	Visceras	3R:+:31546488-31546526	exon=> In CDS Exon 1 of transcript AGAP009341-PA
JHU_Ag_22651	FLESPDFQPNVAK	AGAP009341-PA	-	57	4.07E-05	1	1491.747	-0.6	Midgut	3R:+:31546488-31546526	exon=> In CDS Exon 1 of transcript AGAP009341-PA
JHU_Ag_101601	FLESPDFQPNVAK	AGAP009341-PA	-	48	0.000337521	2	1491.750	1.36	Ovary	3R:+:31546488-31546526	exon=> In CDS Exon 1 of transcript AGAP009341-PA
JHU_Ag_15199	AIATYLAEQYKPGCTLYPSQPK	AGAP009342-PA	C14(Carbamidomethyl)	100	1.24E-09	1	2499.257	-0.81	Head	3R:+:31558483-31558548	exon=> In CDS Exon 2 of transcript AGAP009342-PA
JHU_Ag_17043	ELPGFDENEEGASFLGNAFK	AGAP009342-PA	-	100	1.27E-09	1	2170.993	-0.07	Head	3R:+:31558849-31558908	exon=> In CDS Exon 2 of transcript AGAP009342-PA

JHU_Ag_32624	APLILYHFPGSPPSR	AGAP009342-PA	-	105	2.01E-10	1	1651.900	2.88	Head	3R:+:31556617-31556661	exon=> In CDS Exon 1 of transcript AGAP009342-PA
JHU_Ag_50128	LYFDSGTLFVALR	AGAP009342-PA	-	110	1.27E-10	1	1501.806	0.88	Head	3R:+:31558573-31558611	exon=> In CDS Exon 2 of transcript AGAP009342-PA
JHU_Ag_54283	SALLALR	AGAP009342-PA	-	32	0.005413586	2	743.478	0.44	Head	3R:+:31556662-31556682	exon=> In CDS Exon 1 of transcript AGAP009342-PA
JHU_Ag_85249	NLDLDAEVK	AGAP009342-PA	-	64	7.18E-06	1	1016.523	-2.98	Head	3R:+:31556683-31556703,31558366-31558371	exon=> In CDS Exon 1 and 2 of transcript AGAP009342-PA
JHU_Ag_27110	FEQENPDVIMLNDLHK	AGAP009347-PA	M10(Oxidation)	72	8.47E-07	1	1957.932	-0.2	Ovary	3R:-:31574784-31574737	exon=> In CDS Exon 4 of transcript AGAP009347-PA
JHU_Ag_56154	FGEWGADER	AGAP009347-PA	-	50	6.02E-05	2	1066.459	0.23	Salivary gland	3R:-:31574829-31574803	exon=> In CDS Exon 4 of transcript AGAP009347-PA
JHU_Ag_6354	ALTYLYDQSK	AGAP009347-PB,AGAP009347-PA	-	61	1.21E-05	2	1201.610	-0.03	Ovary	3R:-:31576054-31576025;3R:-:31576054-31576025	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_6791	ALQDFSAVLEIEPENK	AGAP009347-PB,AGAP009347-PA	-	55	5.02E-05	2	1802.924	3.66	Pupa	3R:-:31575723-31575813,31575490-31575601;3R:-:31575723-31575813,31575490-31575601	exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PA
JHU_Ag_7315	DRNEPFQFTLGTGSVIK	AGAP009347-PB,AGAP009347-PA	-	79	1.64E-07	1	1908.982	0.44	Pupa	3R:-:31576726-31576676;3R:-:31576726-31576676	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_25538	DRNEPFQFTLGTGSVIK	AGAP009347-PB,AGAP009347-PA	-	44	0.000525068	1	1908.982	0.25	Male reproductive organs	3R:-:31576726-31576676;3R:-:31576726-31576676	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_29391	MEEYHDLSGDGGVQKR	AGAP009347-PB,AGAP009347-PA	N-Term(Acetyl), M1(Oxidation)	59	9.80E-06	1	1878.829	0.17	Male reproductive organs	3R:-:31576882-31576835;3R:-:31576882-31576835	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_29635	ALQDFSAVLEIEPENK	AGAP009347-PB,AGAP009347-PA	-	75	5.32E-07	2	1802.922	2.44	Male reproductive organs	3R:-:31575723-31575813,31575490-31575601;3R:-:31575723-31575813,31575490-31575601	exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PA
JHU_Ag_29788	GMSNLALGDLDR	AGAP009347-PB,AGAP009347-PA	M2(Oxidation)	76	4.69E-07	2	1277.615	-0.27	Ovary	3R:-:31575759-31575724;3R:-:31575759-31575724	exon=> In CDS Exon 2 of transcript AGAP009347-PB;exon=> In CDS Exon 2 of transcript AGAP009347-PA
JHU_Ag_32677	ALQDFSAVLEIEPENK	AGAP009347-PB,AGAP009347-PA	-	71	1.26E-06	1	1802.935	9.61	Salivary gland	3R:-:31575723-31575813,31575490-31575601;3R:-:31575723-31575813,31575490-31575601	exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PA
JHU_Ag_35554	GMSNLALGDLDR	AGAP009347-PB,AGAP009347-PA	M2(Oxidation)	66	4.25E-06	2	1277.617	0.88	Salivary gland	3R:-:31575759-31575724;3R:-:31575759-31575724	exon=> In CDS Exon 2 of transcript AGAP009347-PB;exon=> In CDS Exon 2 of transcript AGAP009347-PA

JHU_Ag_35619	DRNEPFQFTLGTGSVIK	AGAP009347-PB,AGAP009347-PA	-	51	9.81E-05	2	1908.981	-0.38	Head	3R:-:31576726-31576676;3R:-:31576726-31576676	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_38357	LAIYLNK	AGAP009347-PB,AGAP009347-PA	-	37	0.000779107	1	834.508	-0.34	Ovary	3R:-:31576006-31575986;3R:-:31576006-31575986	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_44097	DRNEPFQFTLGTGSVIK	AGAP009347-PB,AGAP009347-PA	-	69	1.59E-06	1	1908.980	-0.61	Ovary	3R:-:31576726-31576676;3R:-:31576726-31576676	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_45912	FIVQSGSSK	AGAP009347-PB,AGAP009347-PA	-	57	1.88E-05	2	952.509	-0.63	Ovary	3R:-:31576483-31576457;3R:-:31576483-31576457	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_52942	ALQDFSAVLEIEPENK	AGAP009347-PB,AGAP009347-PA	-	83	9.85E-08	1	1802.916	-0.61	Ovary	3R:-:31575723-31575813,31575490-31575601;3R:-:31575723-31575813,31575490-31575601	exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PB;exon=> In CDS Exon 3 and 2 of transcript AGAP009347-PA
JHU_Ag_69262	DVEFCLDEGK	AGAP009347-PB,AGAP009347-PA	C5(Carbamidomethyl)	56	1.83E-05	2	1211.528	2.93	Midgut	3R:-:31576381-31576352;3R:-:31576381-31576352	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_80393	AALNQVTICK	AGAP009347-PB,AGAP009347-PA	C9(Carbamidomethyl)	67	2.52E-06	2	1117.603	-0.12	Male reproductive organs	3R:-:31575600-31575571;3R:-:31575600-31575571	exon=> In CDS Exon 3 of transcript AGAP009347-PB;exon=> In CDS Exon 3 of transcript AGAP009347-PA
JHU_Ag_83689	LAIYLNK	AGAP009347-PB,AGAP009347-PA	-	42	0.000224018	2	834.511	3.31	Male reproductive organs	3R:-:31576006-31575986;3R:-:31576006-31575986	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_88861	MEEYHDLSGDGGVQK	AGAP009347-PB,AGAP009347-PA	N-Term(Acetyl), M1(Oxidation)	78	7.64E-08	1	1722.732	2.38	Head	3R:-:31576882-31576838;3R:-:31576882-31576838	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_98348	ILQEGTGDERPSK	AGAP009347-PB,AGAP009347-PA	-	75	4.83E-07	2	1429.731	1.95	Pupa	3R:-:31576834-31576796;3R:-:31576834-31576796	exon=> In CDS Exon 1 of transcript AGAP009347-PB;exon=> In CDS Exon 1 of transcript AGAP009347-PA
JHU_Ag_1989	QQDANECWSELLK	AGAP009348-PA	C7(Carbamidomethyl)	62	7.06E-06	2	1620.737	2.73	Ovary	3R:-:31585201-31585163	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_6284	AQLFALTGVQPDR	AGAP009348-PA	-	73	6.24E-07	2	1415.763	-0.86	Head	3R:-:31585856-31585818	exon=> In CDS Exon 2 of transcript AGAP009348-PA
JHU_Ag_16835	DIKFPIEFDAYELCTPELQEK	AGAP009348-PA	C14(Carbamidomethyl)	88	2.12E-08	1	2585.257	3.3	Malpighian tubule	3R:-:31578417-31578355	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_22885	NLFEDMER	AGAP009348-PA	-	38	0.001245905	2	1053.468	1.33	Head	3R:-:31585318-31585295	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_26405	LPAYLTVQFVR	AGAP009348-PA	-	73	2.22E-07	1	1306.754	1.44	Malpighian tubule	3R:-:31578495-31578463	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_27010	LSGGGDWHCAYVLLYGPK	AGAP009348-PA	C9(Carbamidomethyl)	123	8.07E-12	1	1992.964	0.16	Ovary	3R:-:31577972-31577919	exon=> In CDS Exon 8 of transcript AGAP009348-PA
JHU_Ag_28154	FPIEFDAYELCTPELQEK	AGAP009348-PA	C11(Carbamidomethyl)	63	6.29E-06	1	2229.036	-2.66	Head	3R:-:31578408-31578355	exon=> In CDS Exon 7 of transcript AGAP009348-PA

JHU_Ag_33040	RNDSITPVLFLQR	AGAP009348-PA	-	82	5.47E-08	1	1558.874	2.72	Ovary	3R:-:31585294-31585256	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_36767	SSSSGHYVGWVR	AGAP009348-PA	-	77	2.81E-07	1	1321.628	-0.05	Ovary	3R:-:31578080-31578045	exon=> In CDS Exon 8 of transcript AGAP009348-PA
JHU_Ag_37681	FNEIANAEVER	AGAP009348-PA	-	69	2.29E-06	2	1291.630	1.77	Malpighian tubule	3R:-:31578333-31578301	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_38991	AQLFALTGVQPDR	AGAP009348-PA	-	103	5.93E-10	1	1415.763	-0.52	Salivary gland	3R:-:31585856-31585818	exon=> In CDS Exon 2 of transcript AGAP009348-PA
JHU_Ag_39797	DDQWIMFNDDHVSPVDQESILK	AGAP009348-PA	M6(Oxidation)	105	3.84E-10	1	2647.204	2.29	Head	3R:-:31578038-31577973	exon=> In CDS Exon 8 of transcript AGAP009348-PA
JHU_Ag_41490	FNEIANAEVER	AGAP009348-PA	-	49	0.000238325	2	1291.627	-0.31	Head	3R:-:31578333-31578301	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_51394	LHIAFPNFSQTGENGTYR	AGAP009348-PA	-	105	5.26E-10	1	2051.999	2.56	Head	3R:-:31585255-31585202	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_53145	NDSITPVLFLQR	AGAP009348-PA	-	38	0.001885314	2	1402.770	0.53	Ovary	3R:-:31585291-31585256	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_58850	LPAYLTVQFVR	AGAP009348-PA	-	66	6.60E-07	1	1306.759	5.27	Ovary	3R:-:31578495-31578463	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_64928	SKENFLQLSCFISTEVK	AGAP009348-PA	C10(Carbamidomethyl)	39	0.001719305	2	2030.030	1.88	Ovary	3R:-:31584933-31584883	exon=> In CDS Exon 5 of transcript AGAP009348-PA
JHU_Ag_66145	LHIAFPNFSQTGENGTYR	AGAP009348-PA	N14(Deamidated)	75	5.00E-07	1	2052.975	-1.1	Male reproductive organs	3R:-:31585255-31585202	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_70312	GISLKDEEWNMPIK	AGAP009348-PA	M11(Oxidation)	37	0.003533445	1	1675.839	1.84	Male reproductive organs	3R:-:31585799-31585758	exon=> In CDS Exon 2 of transcript AGAP009348-PA
JHU_Ag_70604	LPAYLTVQFVR	AGAP009348-PA	-	57	7.66E-06	2	1306.754	2	Male reproductive organs	3R:-:31578495-31578463	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_72116	LPAYLTVQFVR	AGAP009348-PA	-	64	1.47E-06	1	1306.753	0.97	Salivary gland	3R:-:31578495-31578463	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_74104	DIKFPIEFDAYELCTPELQEK	AGAP009348-PA	C14(Carbamidomethyl)	35	0.00418917	1	2585.261	4.91	Ovary	3R:-:31578417-31578355	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_76370	SKAELENEKPK	AGAP009348-PA	-	70	1.58E-06	1	1272.679	-0.21	Ovary	3R:-:31578279-31578247	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_87228	TKFNEIANAEVER	AGAP009348-PA	-	60	1.32E-05	1	1520.773	1.45	Male reproductive organs	3R:-:31578339-31578301	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_89161	SSSSGHYVGWVR	AGAP009348-PA	-	85	4.52E-08	1	1321.629	0.5	Male reproductive organs	3R:-:31578080-31578045	exon=> In CDS Exon 8 of transcript AGAP009348-PA
JHU_Ag_90280	TKFNEIANAEVER	AGAP009348-PA	-	110	1.68E-10	1	1520.774	2.42	Ovary	3R:-:31578339-31578301	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_90431	NDSITPVLFLQR	AGAP009348-PA	-	44	0.000430907	2	1402.769	0.36	Malpighian tubule	3R:-:31585291-31585256	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_93978	RNDSITPVLFLQR	AGAP009348-PA	-	70	8.40E-07	2	1558.875	3.11	Malpighian tubule	3R:-:31585294-31585256	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_104638	AQLFALTGVQPDR	AGAP009348-PA	-	88	2.11E-08	2	1415.766	1.55	Male reproductive organs	3R:-:31585856-31585818	exon=> In CDS Exon 2 of transcript AGAP009348-PA
JHU_Ag_104935	LHIAFPNFSQTGENGTYR	AGAP009348-PA	N14(Deamidated)	111	1.32E-10	1	2051.998	2.03	Ovary	3R:-:31585255-31585202	exon=> In CDS Exon 4 of transcript AGAP009348-PA
JHU_Ag_108086	AQLFALTGVQPDR	AGAP009348-PA	-	102	7.95E-10	1	1415.767	2.07	Ovary	3R:-:31585856-31585818	exon=> In CDS Exon 2 of transcript AGAP009348-PA
JHU_Ag_108507	NGATLLLLGTKEEVPQEPVEKPK	AGAP009348-PA	N1(Deamidated)	132	1.70E-13	1	2490.386	1.93	Ovary	3R:-:31585757-31585930,31585552-31585618	exon=> In CDS Exon 3 and 2 of transcript AGAP009348-PA
JHU_Ag_110726	FNEIANAEVER	AGAP009348-PA	-	83	8.82E-08	1	1291.633	3.75	Ovary	3R:-:31578333-31578301	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_111693	NGATLLLLGTKEEVPQEPVEKPK	AGAP009348-PA	-	101	2.34E-10	1	2490.383	0.54	Male reproductive organs	3R:-:31585757-31585930,31585552-31585618	exon=> In CDS Exon 3 and 2 of transcript AGAP009348-PA

JHU_Ag_112698	LPAYLTVQFVR	AGAP009348-PA	-	40	0.000392919	1	1306.753	0.78	Head	3R:-:31578495-31578463	exon=> In CDS Exon 7 of transcript AGAP009348-PA
JHU_Ag_113539	NIEVNTDEEPMLFK	AGAP009348-PA	M11(Oxidation)	85	4.63E-08	2	1694.801	4.16	Ovary	3R:-:31585898-31585857	exon=> In CDS Exon 2 of transcript AGAP009348-PA
JHU_Ag_117501	AQLFALTGVQPDR	AGAP009348-PA	-	105	4.27E-10	1	1415.766	1.55	Malpighian tubule	3R:-:31585856-31585818	exon=> In CDS Exon 2 of transcript AGAP009348-PA
JHU_Ag_16106	EPPQGSGHPQVK	AGAP009362-PA	-	82	1.05E-07	1	1260.636	2.07	Male reproductive organs	3R:-:31782239-31782204	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_24689	ADVKEPPQGSGHPQVK	AGAP009362-PA	-	114	6.26E-11	1	1673.860	-0.12	Male reproductive organs	3R:-:31782251-31782204	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_31958	DTQVQQQTK	AGAP009362-PA	-	73	9.11E-07	1	1075.538	-0.31	Male reproductive organs	3R:-:31782152-31782126	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_35219	ELPSQQLK	AGAP009362-PA	-	46	0.000216531	2	942.529	3.35	Male reproductive organs	3R:-:31782764-31782741	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_43663	ADVKEPPQTK	AGAP009362-PA	-	73	4.67E-07	1	1112.598	2.88	Male reproductive organs	3R:-:31782407-31782378	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_44337	SAQVKQSPQTK	AGAP009362-PA	-	47	0.000322301	1	1201.653	-0.47	Male reproductive organs	3R:-:31782566-31782534	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_45839	TQQVKGEPQTK	AGAP009362-PA	-	55	4.72E-05	1	1243.665	0.96	Male reproductive organs	3R:-:31782185-31782153	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_54797	TPQGSSETKPHPGPKR	AGAP009362-PA	-	93	1.01E-08	1	1703.857	-14.65	Male reproductive organs	3R:-:31782455-31782408	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_71547	TDVKEPPQTK	AGAP009362-PA	-	53	4.95E-05	1	1142.605	-0.28	Male reproductive organs	3R:-:31782329-31782300	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_92183	ELPSQQLKEEAPPQQTQGQQPQRPHGPPETNIK	AGAP009362-PA	Q14(Deamidated),Q15(Deamidated)	165	2.29E-16	1	3715.889	2.75	Male reproductive organs	3R:-:31782764-31782666	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_109430	EEAPPQQTQGQQPQRPHGPPETNIK	AGAP009362-PA	-	128	2.10E-12	1	2792.384	4.47	Male reproductive organs	3R:-:31782740-31782666	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_111845	LQQSQQTK	AGAP009362-PA	-	55	6.19E-05	1	960.511	0.06	Male reproductive organs	3R:-:31782620-31782597	exon=> In CDS Exon 2 of transcript AGAP009362-PA
JHU_Ag_80216	YGYVSEVK	AGAP009365-PA	-	52	5.52E-05	2	944.470	-2.12	Male reproductive organs	3R:+:31805829-31805852	exon=> In CDS Exon 6 of transcript AGAP009365-PA
JHU_Ag_86621	YGYVSEVK	AGAP009365-PA	-	43	0.000614577	1	944.482	10.3	Ovary	3R:+:31805829-31805852	exon=> In CDS Exon 6 of transcript AGAP009365-PA
JHU_Ag_111640	YGYVSEVKES	AGAP009365-PA	-	61	1.08E-05	1	1160.548	0.97	Male reproductive organs	3R:+:31805829-31805858	exon=> In CDS Exon 6 of transcript AGAP009365-PA
JHU_Ag_9781	KDTSESPGDSSSK	AGAP009373-PA	-	97	1.94E-09	2	1324.586	-0.09	Male reproductive organs	3R:-:31827170-31827132	exon=> In CDS Exon 2 of transcript AGAP009373-PA
JHU_Ag_83600	NPVITDQTK	AGAP009373-PA	-	80	1.77E-07	1	1015.541	-0.74	Male reproductive organs	3R:-:31827131-31827105	exon=> In CDS Exon 2 of transcript AGAP009373-PA
JHU_Ag_90466	NPVITDQTKK	AGAP009373-PA	-	53	5.85E-05	1	1143.637	0.02	Male reproductive organs	3R:-:31827131-31827102	exon=> In CDS Exon 2 of transcript AGAP009373-PA
JHU_Ag_95647	VLPATQRPRPPSRPNPLYVPR	AGAP009373-PA	-	58	2.83E-06	1	2411.374	-1.63	Male reproductive organs	3R:-:31826936-31826874	exon=> In CDS Exon 2 of transcript AGAP009373-PA
JHU_Ag_106197	DTSESPGDSSSKNPVITDQTK	AGAP009373-PA	-	62	9.33E-06	1	2193.023	3.39	Male reproductive organs	3R:-:31827167-31827105	exon=> In CDS Exon 2 of transcript AGAP009373-PA
JHU_Ag_110292	TTQSQATSTTPAVK	AGAP009373-PA	-	46	0.000455542	2	1420.728	0.41	Male reproductive organs	3R:-:31827257-31827216	exon=> In CDS Exon 2 of transcript AGAP009373-PA
JHU_Ag_67991	LTIPLVLDETSAGLNAK	AGAP009374-PA,AGAP009363-PA	-	50	4.78E-05	2	1754.989	-0.57	Midgut	3R:-:31842930-31842880;3R:-:31793480-31793430	exon=> In CDS Exon 2 of transcript AGAP009374-PA;exon=> In CDS Exon 1 of transcript AGAP009363-PA
JHU_Ag_114416	ETPDVVEQSLQELR	AGAP009376-PA,AGAP009364-PA	-	84	6.72E-08	2	1642.830	0.8	Head	3R:-:31852693-31852652;3R:-:31802709-31802668	exon=> In CDS Exon 1 of transcript AGAP009376-PA;exon=> In CDS Exon 1 of transcript AGAP009364-PA

JHU_Ag_3614	YDEHKVPFVDFGNGVK	AGAP009377-PA,AGAP009365-PA	N13(Deamidated)	75	4.63E-07	1	1851.893	0.92	Male reproductive organs	3R:+:31854496-31854543;3R:+:31804510-31804557	exon=> In CDS Exon 1 of transcript AGAP009377-PA;exon=> In CDS Exon 1 of transcript AGAP009365-PA
JHU_Ag_6463	IFKPFLGK	AGAP009377-PA,AGAP009365-PA	-	47	2.38E-05	1	949.585	-1.91	Male reproductive organs	3R:+:31855450-31855473;3R:+:31805462-31805485	exon=> In CDS Exon 4 of transcript AGAP009377-PA;exon=> In CDS Exon 4 of transcript AGAP009365-PA
JHU_Ag_6527	KYYPESTFEMLK	AGAP009377-PA,AGAP009365-PA	M10(Oxidation)	48	0.000204803	1	1551.740	-0.14	Male reproductive organs	3R:+:31854845-31854874,31854942-31854947;3R:+:31804856-31804885,31804953-31804958	exon=> In CDS Exon 2 and 3 of transcript AGAP009377-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP009365-PA
JHU_Ag_10593	SIQNALDDR	AGAP009377-PA,AGAP009365-PA	-	43	0.000867991	2	1031.514	2.47	Male reproductive organs	3R:+:31855005-31855031;3R:+:31805016-31805042	exon=> In CDS Exon 3 of transcript AGAP009377-PA;exon=> In CDS Exon 3 of transcript AGAP009365-PA
JHU_Ag_12467	TVVDHGQK	AGAP009377-PA,AGAP009365-PA	-	43	0.000449494	1	883.463	-0.2	Male reproductive organs	3R:+:31855357-31855380;3R:+:31805369-31805392	exon=> In CDS Exon 4 of transcript AGAP009377-PA;exon=> In CDS Exon 4 of transcript AGAP009365-PA
JHU_Ag_20328	LPVDDESFMKR	AGAP009377-PA,AGAP009365-PA	M9(Oxidation)	63	9.52E-06	1	1352.653	1.34	Male reproductive organs	3R:+:31854797-31854829;3R:+:31804808-31804840	exon=> In CDS Exon 2 of transcript AGAP009377-PA;exon=> In CDS Exon 2 of transcript AGAP009365-PA
JHU_Ag_29963	VPSMEVIR	AGAP009377-PA,AGAP009365-PA	M4(Oxidation)	37	0.003879876	1	946.502	-0.66	Male reproductive organs	3R:+:31855204-31855227;3R:+:31805216-31805239	exon=> In CDS Exon 4 of transcript AGAP009377-PA;exon=> In CDS Exon 4 of transcript AGAP009365-PA
JHU_Ag_45187	AKQNFISDR	AGAP009377-PA,AGAP009365-PA	-	66	3.60E-06	1	1078.565	0.44	Male reproductive organs	3R:+:31854966-31854992;3R:+:31804977-31805003	exon=> In CDS Exon 3 of transcript AGAP009377-PA;exon=> In CDS Exon 3 of transcript AGAP009365-PA
JHU_Ag_45890	LRELIQQEK	AGAP009377-PA,AGAP009365-PA	-	52	4.17E-05	1	1156.675	5.49	Male reproductive organs	3R:+:31854646-31854664,31854780-31854787;3R:+:31804660-31804678,31804791-31804798	exon=> In CDS Exon 1 and 2 of transcript AGAP009377-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP009365-PA
JHU_Ag_53944	VPFVDFGNGVK	AGAP009377-PA,AGAP009365-PA	N8(Deamidated)	48	0.000234788	2	1179.606	1.67	Male reproductive organs	3R:+:31854511-31854543;3R:+:31804525-31804557	exon=> In CDS Exon 1 of transcript AGAP009377-PA;exon=> In CDS Exon 1 of transcript AGAP009365-PA
JHU_Ag_91921	LSLSHISQFPPK	AGAP009377-PA,AGAP009365-PA	-	54	2.72E-05	1	1353.753	0.58	Male reproductive organs	3R:+:31855312-31855347;3R:+:31805324-31805359	exon=> In CDS Exon 4 of transcript AGAP009377-PA;exon=> In CDS Exon 4 of transcript AGAP009365-PA
JHU_Ag_91973	AVQILPK	AGAP009377-PA,AGAP009365-PA	-	35	0.000325087	1	768.498	-0.23	Male reproductive organs	3R:+:31855032-31855052;3R:+:31805043-31805063	exon=> In CDS Exon 3 of transcript AGAP009377-PA;exon=> In CDS Exon 3 of transcript AGAP009365-PA
JHU_Ag_111521	MFNIFFK	AGAP009377-PA,AGAP009365-PA	M1(Oxidation)	48	0.000249183	2	962.478	-2.12	Male reproductive organs	3R:+:31855429-31855449;3R:+:31805441-31805461	exon=> In CDS Exon 4 of transcript AGAP009377-PA;exon=> In CDS Exon 4 of transcript AGAP009365-PA
JHU_Ag_19675	LAVLEPATQINGAVVIYDFK	AGAP009379-PA	N11(Deamidated)	98	6.32E-10	1	2162.181	2.9	Midgut	3R:+:31865040-31865099	exon=> In CDS Exon 2 of transcript AGAP009379-PA
JHU_Ag_22709	EWYPVAEQYNDFITK	AGAP009379-PA	-	82	9.37E-08	1	1902.901	5.52	Larva	3R:+:31865475-31865519	exon=> In CDS Exon 3 of transcript AGAP009379-PA
JHU_Ag_25995	EVTEDQIFR	AGAP009379-PA	-	43	0.000909319	1	1136.562	3.07	Larva	3R:+:31864992-31865018	exon=> In CDS Exon 2 of transcript AGAP009379-PA
JHU_Ag_26333	ECLPANYGGSLPALDYGGK	AGAP009379-PA	C2(Carbamidomethyl)	65	5.06E-06	2	1981.934	0.83	Midgut	3R:+:31865418-31865474	exon=> In CDS Exon 3 of transcript AGAP009379-PA

JHU_Ag_29901	SPPSAELLEVAK	AGAP009379-PA	-	34	0.003023366	2	1240.680	1.56	Pupa	3R:+:31864543-31864578	exon=> In CDS Exon 1 of transcript AGAP009379-PA
JHU_Ag_38536	SPPSAELLEVAK	AGAP009379-PA	-	90	7.56E-09	1	1240.678	-0.41	Midgut	3R:+:31864543-31864578	exon=> In CDS Exon 1 of transcript AGAP009379-PA
JHU_Ag_40547	LLSASDLSFPDDEEFLLIYLRPTK	AGAP009379-PA	-	69	1.02E-06	1	2782.460	1.93	Midgut	3R:+:31864636-31864707	exon=> In CDS Exon 1 of transcript AGAP009379-PA
JHU_Ag_66720	LAVLEPATQINGAVVIYDFK	AGAP009379-PA	N11(Deamidated)	96	8.98E-10	1	2162.193	8.43	Larva	3R:+:31865040-31865099	exon=> In CDS Exon 2 of transcript AGAP009379-PA
JHU_Ag_68156	LLTFIQEACPLR	AGAP009379-PA	C9(Carbamidomethyl)	84	4.47E-08	1	1460.799	4.31	Larva	3R:+:31865151-31865186	exon=> In CDS Exon 2 of transcript AGAP009379-PA
JHU_Ag_76248	DLLHNLMPADVKPVFVDHGLINIFTNR	AGAP009379-PA	M7(Oxidation)	192	2.92E-19	1	3104.650	4.88	Larva	3R:+:31864854-31864934	exon=> In CDS Exon 2 of transcript AGAP009379-PA
JHU_Ag_76318	SPPSAELLEVAK	AGAP009379-PA	-	70	7.28E-07	1	1240.685	5.4	Larva	3R:+:31864543-31864578	exon=> In CDS Exon 1 of transcript AGAP009379-PA
JHU_Ag_80969	EWYPVAEQYNDFITK	AGAP009379-PA	-	68	2.13E-06	1	1902.887	-2.11	Midgut	3R:+:31865475-31865519	exon=> In CDS Exon 3 of transcript AGAP009379-PA
JHU_Ag_114981	TYKDLLHNLMPADVKPVFVDHGLINIFTNR	AGAP009379-PA	M10(Oxidation)	108	5.47E-11	1	3496.876	9.94	Larva	3R:+:31864845-31864934	exon=> In CDS Exon 2 of transcript AGAP009379-PA
JHU_Ag_165	LAVLEPATQISGVVVIYDFK	AGAP009380-PA	-	29	0.005681396	2	2162.182	-13.37	Larva	3R:-:31867561-31867502	exon=> In CDS Exon 2 of transcript AGAP009380-PA
JHU_Ag_5923	GKFELETAPPSEELLAIAK	AGAP009380-PA	-	41	0.000678927	1	2043.099	-0.76	Pupa	3R:-:31868061-31868005	exon=> In CDS Exon 1 of transcript AGAP009380-PA
JHU_Ag_48042	LLTFIQEASPLR	AGAP009380-PA	-	84	2.26E-08	1	1387.795	0.47	Midgut	3R:-:31867450-31867415	exon=> In CDS Exon 2 of transcript AGAP009380-PA
JHU_Ag_49933	LLTFIQEASPLR	AGAP009380-PA	-	81	3.91E-08	1	1387.802	5.66	Larva	3R:-:31867450-31867415	exon=> In CDS Exon 2 of transcript AGAP009380-PA
JHU_Ag_56885	ECLPSNYGGTLPALDYGGK	AGAP009380-PA	C2(Carbamidomethyl)	41	0.001078487	2	2011.943	-0.12	Pupa	3R:-:31867195-31867139	exon=> In CDS Exon 3 of transcript AGAP009380-PA
JHU_Ag_67482	LLTFIQEASPLR	AGAP009380-PA	-	77	1.02E-07	2	1387.799	2.93	Pupa	3R:-:31867450-31867415	exon=> In CDS Exon 2 of transcript AGAP009380-PA
JHU_Ag_101841	QWYPVAEQHLDFIKK	AGAP009380-PA	-	34	0.005384342	1	1901.990	-0.63	Midgut	3R:-:31867138-31867094	exon=> In CDS Exon 3 of transcript AGAP009380-PA
JHU_Ag_35635	LLLTFLQEAVPLR	AGAP009381-PA	-	30	0.000696725	2	1512.922	4.72	Larva	3R:-:31870928-31870890	exon=> In CDS Exon 2 of transcript AGAP009381-PA
JHU_Ag_58843	HIDPADLPK	AGAP009381-PA	-	36	0.003745 73	2	1005.539	2.61	Larva	3R:-:31870664-31870638	exon=> In CDS Exon 3 of transcript AGAP009381-PA
JHU_Ag_47185	LQLAK	AGAP009386-PA,AGAP009044-PA,AGAP009383-PA	Q2(Deamidated)	39	0.001368524	1	573.361	-0.02	Salivary gland	3R:-:31912334-31912320;3R:+:24677370-24677384;3R:-:31883559-31883545	exon=> In CDS Exon 4 of transcript AGAP009386-PA;exon=> In CDS Exon 7 of transcript AGAP009044-PA;exon=> In CDS Exon 4 of transcript AGAP009383-PA
JHU_Ag_116535	TTVSSLDPLVLPDATLIESDEVVSTFTHR	AGAP009387-PA	-	78	1.52E-07	1	3142.623	2.38	Male reproductive organs	3R:-:31916890-31916804	exon=> In CDS Exon 2 of transcript AGAP009387-PA
JHU_Ag_13610	LFLDELTPGLER	AGAP009388-PA	-	65	4.22E-06	2	1402.760	1.48	Visceras	3R:-:31923918-31923883	exon=> In CDS Exon 4 of transcript AGAP009388-PA
JHU_Ag_19812	LFLDELTPGLER	AGAP009388-PA	-	67	2.44E-06	2	1402.766	5.92	Larva	3R:-:31923918-31923883	exon=> In CDS Exon 4 of transcript AGAP009388-PA
JHU_Ag_21329	LFLDELTPGLER	AGAP009388-PA	-	57	2.46E-05	2	1402.759	0.79	Pupa	3R:-:31923918-31923883	exon=> In CDS Exon 4 of transcript AGAP009388-PA
JHU_Ag_67457	GDPVLSQAGNQFINENSR	AGAP009388-PA	-	132	9.22E-13	1	1945.926	-5.15	Head	3R:-:31923972-31923919	exon=> In CDS Exon 4 of transcript AGAP009388-PA
JHU_Ag_88307	LFLDELTPGLER	AGAP009388-PA	-	50	0.000120941	2	1402.759	1.22	Male reproductive organs	3R:-:31923918-31923883	exon=> In CDS Exon 4 of transcript AGAP009388-PA
JHU_Ag_93938	LFLDELTPGLER	AGAP009388-PA	-	80	1.33E-07	1	1402.757	-0.17	Head	3R:-:31923918-31923883	exon=> In CDS Exon 4 of transcript AGAP009388-PA

JHU_Ag_94940	ISGATHEK	AGAP009388-PA	-	58	1.20E-05	2	842.437	0.65	Head	3R:-:31931599-31931576	exon=> In CDS Exon 2 of transcript AGAP009388-PA
JHU_Ag_13754	IIMSEKNQQEQR	AGAP009389-PA	M3(Oxidation), N7(Deamidated), Q8(Deamidated)	37	0.002378317	2	1521.709	-8.14	Malpighian tubule	3R:-:31943026-31942991	exon=> In CDS Exon 13 of transcript AGAP009389-PA
JHU_Ag_17811	IIMSEKNQQEQR	AGAP009389-PA	M3(Oxidation), N7(Deamidated), Q8(Deamidated)	38	0.00198748	2	1521.715	-4.53	Ovary	3R:-:31943026-31942991	exon=> In CDS Exon 13 of transcript AGAP009389-PA
JHU_Ag_57117	IIMSEKNQQEQR	AGAP009389-PA	M3(Oxidation), N7(Deamidated), Q8(Deamidated)	49	0.000178281	2	1521.710	-7.42	Head	3R:-:31943026-31942991	exon=> In CDS Exon 13 of transcript AGAP009389-PA
JHU_Ag_29562	DTERELWR	AGAP009389-PA,AGAP009389-PB	-	35	0.0042102	1	1104.535	-7.44	Visceras	3R:-:32077537-32077514;3R:-:32077537-32077514	exon=> In CDS Exon 2 of transcript AGAP009389-PA;exon=> In CDS Exon 2 of transcript AGAP009389-PB
JHU_Ag_8829	NQYLLEGASHEALLR	AGAP009404-PA	-	54	5.16E-05	2	1713.893	0.55	Midgut	3R:+:32311328-32311372	exon=> In CDS Exon 1 of transcript AGAP009404-PA
JHU_Ag_72258	AHLLEDLQSGDAIK	AGAP009404-PA	-	61	9.45E-06	1	1509.793	1.37	Midgut	3R:+:32312606-32312647	exon=> In CDS Exon 2 of transcript AGAP009404-PA
JHU_Ag_4226	RQLCPDGLLFNDK	AGAP009405-PA	C4(Carbamidomethyl)	34	0.00679825	2	1575.791	-2.65	Head	3R:-:32316035-32315997	exon=> In CDS Exon 3 of transcript AGAP009405-PA
JHU_Ag_17051	YFLCVDDRPR	AGAP009405-PA	C4(Carbamidomethyl)	40	0.001175466	1	1340.638	-2.99	Head	3R:-:32315648-32315619	exon=> In CDS Exon 3 of transcript AGAP009405-PA
JHU_Ag_58402	QLCPDGLLFNDK	AGAP009405-PA	C3(Carbamidomethyl)	40	0.00195813	2	1419.698	2.94	Head	3R:-:32316032-32315997	exon=> In CDS Exon 3 of transcript AGAP009405-PA
JHU_Ag_84565	TQPPIPTEDCPHQFGYYK	AGAP009405-PA	C10(Carbamidomethyl)	41	0.001208183	2	2178.007	4.83	Malpighian tubule	3R:-:32315933-32315880	exon=> In CDS Exon 3 of transcript AGAP009405-PA
JHU_Ag_88620	TRTQPPIPTEDCPHQFGYYK	AGAP009405-PA	C12(Carbamidomethyl)	67	2.69E-06	1	2435.149	1.48	Malpighian tubule	3R:-:32315939-32315880	exon=> In CDS Exon 3 of transcript AGAP009405-PA
JHU_Ag_92034	VSLFTYPCQYPIDVDCGSR	AGAP009405-PA	C8(Carbamidomethyl), C16(Carbamidomethyl)	96	2.88E-09	2	2277.026	-2.25	Head	3R:-:32315996-32315940	exon=> In CDS Exon 3 of transcript AGAP009405-PA
JHU_Ag_101656	NGRYPVPDQCDAYIECVDGEPR	AGAP009405-PA	N1(Deamidated), C10(Carbamidomethyl), C16(Carbamidomethyl)	65	2.18E-06	1	2611.128	3.38	Head	3R:-:32316178-32316204,32315535-32316036	exon=> In CDS Exon 3 and 2 of transcript AGAP009405-PA
JHU_Ag_103161	YPVPDQCDAYIECVDGEPR	AGAP009405-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	84	2.41E-08	2	2282.971	0.72	Head	3R:-:32316169-32316204,32315535-32316036	exon=> In CDS Exon 3 and 2 of transcript AGAP009405-PA
JHU_Ag_106871	YPVPDQCDAYIECVDGEPR	AGAP009405-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	59	6.19E-06	2	2282.968	-0.78	Visceras	3R:-:32316169-32316204,32315535-32316036	exon=> In CDS Exon 3 and 2 of transcript AGAP009405-PA
JHU_Ag_54964	ADVTELTER	AGAP009414-PA	-	44	0.000694399	2	1033.516	0.2	Male reproductive organs	3R:+:32358640-32358666	exon=> In CDS Exon 4 of transcript AGAP009414-PA
JHU_Ag_96862	LFGVEYEIR	AGAP009414-PA	-	44	0.000353187	2	1125.595	1.18	Male reproductive organs	3R:+:32357892-32357918	exon=> In CDS Exon 2 of transcript AGAP009414-PA
JHU_Ag_106294	LAIFPEGTR	AGAP009414-PA	-	39	0.001501142	2	1003.557	0.08	Male reproductive organs	3R:+:32358427-32358453	exon=> In CDS Exon 4 of transcript AGAP009414-PA
JHU_Ag_76406	QNNERLQR	AGAP009424-PA	N3(Deamidated), Q7(Deamidated)	39	0.002375332	2	1059.530	11.58	Salivary gland	3R:+:32997420-32997443	exon=> In CDS Exon 5 of transcript AGAP009424-PA
JHU_Ag_77054	NIVHRYISLLTEHR	AGAP009424-PA	-	27	0.010828547	1	1750.969	-1.14	Midgut	3R:+:32998230-32998271	exon=> In CDS Exon 5 of transcript AGAP009424-PA
JHU_Ag_112926	APIVSDLLK	AGAP009429-PA	-	37	0.001173175	1	955.582	-0.56	Male reproductive organs	3R:+:33439854-33439880	exon=> In CDS Exon 2 of transcript AGAP009429-PA
JHU_Ag_4308	MENDAGEFVDLYCPRK	AGAP009431-PA	N-Term(Acetyl), M1(Oxidation), C13(Carbamidomethyl)	125	2.46E-12	1	2001.871	1.48	Malpighian tubule	3R:+:33472620-33472667	exon=> In CDS Exon 1 of transcript AGAP009431-PA

JHU_Ag_9012	IIHAK	AGAP009431-PA	-	24	0.005867917	1	581.375	-3.09	Head	3R:+:33472971-33472985	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_13401	MENDAGEFVDLYCPRK	AGAP009431-PA	N-Term(Acetyl), C13(Carbamidomethyl)	128	1.51E-12	1	1985.879	3.11	Malpighian tubule	3R:+:33472620-33472667	exon=> In CDS Exon 1 of transcript AGAP009431-PA
JHU_Ag_13475	MENDAGEFVDLYCPR	AGAP009431-PA	N-Term(Acetyl), M1(Oxidation), C13(Carbamidomethyl)	46	8.00E-05	2	1873.779	3.27	Malpighian tubule	3R:+:33472620-33472664	exon=> In CDS Exon 1 of transcript AGAP009431-PA
JHU_Ag_23164	MENDAGEFVDLYCPR	AGAP009431-PA	N-Term(Acetyl), C13(Carbamidomethyl)	54	1.83E-05	1	1857.782	2.01	Salivary gland	3R:+:33472620-33472664	exon=> In CDS Exon 1 of transcript AGAP009431-PA
JHU_Ag_32966	DHASIQINIVDVDPETGR	AGAP009431-PA	-	65	4.46E-06	1	1978.990	3.36	Salivary gland	3R:+:33472986-33473039	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_35861	VYAICGEIR	AGAP009431-PA	C5(Carbamidomethyl)	53	9.08E-05	2	1080.553	1.94	Ovary	3R:+:33473058-33473084	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_37987	VYAICGEIR	AGAP009431-PA	C5(Carbamidomethyl)	54	5.95E-05	2	1080.553	1.71	Salivary gland	3R:+:33473058-33473084	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_42391	DHASIQINIVDVDPETGR	AGAP009431-PA	-	94	5.95E-09	1	1978.985	1.11	Visceras	3R:+:33472986-33473039	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_43028	DHASIQINIVDVDPETGR	AGAP009431-PA	-	123	6.81E-12	1	1978.992	4.57	Midgut	3R:+:33472986-33473039	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_43998	RMGESDDCIVR	AGAP009431-PA	M2(Oxidation), C8(Carbamidomethyl)	51	6.49E-05	1	1353.589	0.11	Ovary	3R:+:33473085-33473117	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_45964	VYAICGEIR	AGAP009431-PA	C5(Carbamidomethyl)	66	3.65E-06	2	1080.551	0.58	Visceras	3R:+:33473058-33473084	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_68168	MLDTSKVYAICGEIR	AGAP009431-PA	C11(Carbamidomethyl)	61	1.04E-05	1	1755.881	2.39	Malpighian tubule	3R:+:33473040-33473084	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_68497	DHASIQINIVDVDPETGR	AGAP009431-PA	-	100	1.32E-09	2	1978.982	-0.55	Malpighian tubule	3R:+:33472986-33473039	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_69837	VYAICGEIR	AGAP009431-PA	C5(Carbamidomethyl)	46	0.000366693	2	1080.549	-1.34	Pupa	3R:+:33473058-33473084	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_80243	MGESDDCIVR	AGAP009431-PA	M1(Oxidation), C7(Carbamidomethyl)	84	1.68E-08	2	1197.489	1.29	Ovary	3R:+:33473088-33473117	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_82191	IIHAKDHASIQINIVDVDPETGR	AGAP009431-PA	-	62	4.90E-06	1	2541.346	1.48	Malpighian tubule	3R:+:33472971-33473039	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_95297	KDGILSK	AGAP009431-PA	-	41	0.000486035	2	760.456	-0.03	Ovary	3R:+:33473127-33473146,33473229-33473229	exon=> In CDS Exon 2 and 3 of transcript AGAP009431-PA
JHU_Ag_98757	VYAICGEIR	AGAP009431-PA	C5(Carbamidomethyl)	57	3.19E-05	2	1080.546	-3.93	Midgut	3R:+:33473058-33473084	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_100995	MENDAGEFVDLYCPR	AGAP009431-PA	N-Term(Acetyl), M1(Oxidation), C13(Carbamidomethyl)	109	3.49E-11	1	1873.773	0.08	Ovary	3R:+:33472620-33472664	exon=> In CDS Exon 1 of transcript AGAP009431-PA
JHU_Ag_101130	DHASIQINIVDVDPETGR	AGAP009431-PA	Q6(Deamidated),N8(Deamidated)	129	2.09E-12	1	1978.979	-2.03	Ovary	3R:+:33472986-33473039	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_107244	VYAICGEIR	AGAP009431-PA	C5(Carbamidomethyl)	48	0.000235425	2	1080.552	1.6	Malpighian tubule	3R:+:33473058-33473084	exon=> In CDS Exon 2 of transcript AGAP009431-PA
JHU_Ag_14694	FPTPAEVIDYHVK	AGAP009433-PA	-	62	9.45E-06	1	1515.791	4.33	Midgut	3R:-:33480159-33480121	exon=> In CDS Exon 1 of transcript AGAP009433-PA
JHU_Ag_19117	CDLSVLPGLDHFDIVEK	AGAP009433-PA	C1(Carbamidomethyl)	47	0.000350429	1	1956.968	-2.85	Midgut	3R:-:33479244-33479194	exon=> In CDS Exon 3 of transcript AGAP009433-PA
JHU_Ag_20850	FHVYVAEHDSDVFR	AGAP009433-PA	-	83	8.59E-08	1	1720.815	4.21	Malpighian tubule	3R:-:33479334-33479293	exon=> In CDS Exon 3 of transcript AGAP009433-PA
JHU_Ag_31150	SVNKDNLLGINDANAK	AGAP009433-PA	-	76	3.06E-07	1	1685.880	-1.09	Midgut	3R:-:33479457-33479410	exon=> In CDS Exon 3 of transcript AGAP009433-PA
JHU_Ag_40197	SLSPLYASYEHLRPIVEQQQGGALR	AGAP009433-PA	-	97	1.59E-09	1	2812.471	-1.24	Head	3R:-:33479409-33479335	exon=> In CDS Exon 3 of transcript AGAP009433-PA

JHU_Ag_56347	DVYLISGVYNVQELR	AGAP009433-PA	-	93	6.06E-09	1	1767.931	2.16	Midgut	3R:-:33479511-33479467	exon=> In CDS Exon 3 of transcript AGAP009433-PA
JHU_Ag_81515	AAGEFVLNYATENGVR	AGAP009433-PA	-	83	7.96E-08	2	1710.843	-0.71	Midgut	3R:-:33479736-33480005,33479122-33479614	exon=> In CDS Exon 3 and 2 of transcript AGAP009433-PA
JHU_Ag_95008	EQLETLLDVPYGSGDRDK	AGAP009433-PA	-	45	0.000478096	1	2035.002	1.96	Malpighian tubule	3R:-:33479988-33479935	exon=> In CDS Exon 2 of transcript AGAP009433-PA
JHU_Ag_95444	FHVYVAEHDSDVFR	AGAP009433-PA	-	67	3.19E-06	1	1720.813	2.72	Midgut	3R:-:33479334-33479293	exon=> In CDS Exon 3 of transcript AGAP009433-PA
JHU_Ag_108119	SLSPLYASYEHLRPIVEQQQGGALR	AGAP009433-PA	-	105	2.11E-10	1	2812.479	1.89	Malpighian tubule	3R:-:33479409-33479335	exon=> In CDS Exon 3 of transcript AGAP009433-PA
JHU_Ag_49714	HMSFLALDLPGHGLSSR	AGAP009434-PA	M2(Oxidation)	74	6.23E-07	1	1853.931	-0.98	Midgut	3R:+:33482623-33482673	exon=> In CDS Exon 2 of transcript AGAP009434-PA
JHU_Ag_65999	RVVQPYLFIK	AGAP009434-PA	-	40	0.000163807	1	1262.766	2.91	Malpighian tubule	3R:+:33483163-33483192	exon=> In CDS Exon 2 of transcript AGAP009434-PA
JHU_Ag_72600	EAAPFLLYR	AGAP009434-PA	-	67	1.51E-06	2	1079.590	1.11	Malpighian tubule	3R:+:33483022-33483048	exon=> In CDS Exon 2 of transcript AGAP009434-PA
JHU_Ag_74063	EAAPFLLYR	AGAP009434-PA	-	70	8.80E-07	2	1079.589	0.2	Visceras	3R:+:33483022-33483048	exon=> In CDS Exon 2 of transcript AGAP009434-PA
JHU_Ag_87869	NVRPIVCIHGWQDNAGTFDR	AGAP009434-PA	N1(Deamidated), C7(Carbamidomethyl)	86	3.43E-08	1	2356.128	1.06	Malpighian tubule	3R:+:33482542-33482601	exon=> In CDS Exon 2 of transcript AGAP009434-PA
JHU_Ag_103368	HMSFLALDLPGHGLSSR	AGAP009434-PA	M2(Oxidation)	70	1.40E-06	1	1853.939	3.56	Head	3R:+:33482623-33482673	exon=> In CDS Exon 2 of transcript AGAP009434-PA
JHU_Ag_39960	LAQNLTMPFLFVK	AGAP009436-PA	-	49	6.75E-05	1	1521.848	-1.18	Midgut	3R:+:33486608-33486646	exon=> In CDS Exon 2 of transcript AGAP009436-PA
JHU_Ag_116355	VAPVVADFLNR	AGAP009436-PA	-	42	0.000710103	2	1200.673	-0.18	Midgut	3R:+:33486782-33486814	exon=> In CDS Exon 2 of transcript AGAP009436-PA
JHU_Ag_3863	QEAIALKR	AGAP009438-PA	Q1(Deamidated)	45	0.000454291	1	929.540	-1.33	Male reproductive organs	3R:-:33491300-33491277	exon=> In CDS Exon 2 of transcript AGAP009438-PA
JHU_Ag_45275	VDEIFPDEIDTPADRPAR	AGAP009438-PA	-	44	0.000603278	1	2056.010	5.6	Ovary	3R:-:33489924-33489871	exon=> In CDS Exon 4 of transcript AGAP009438-PA
JHU_Ag_81338	LTDALNLLR	AGAP009438-PA	-	65	2.43E-06	2	1028.610	0.46	Salivary gland	3R:-:33490739-33490713	exon=> In CDS Exon 3 of transcript AGAP009438-PA
JHU_Ag_116680	QEAIALKR	AGAP009438-PA	Q1(Deamidated)	46	0.000328863	2	929.543	1.95	Malpighian tubule	3R:-:33491300-33491277	exon=> In CDS Exon 2 of transcript AGAP009438-PA
JHU_Ag_5670	QEEINRANGEAAAIMALADAR	AGAP009439-PA	Q1(Deamidated), N5(Deamidated), M15(Oxidation)	48	0.000251507	1	2232.083	11.95	Midgut	3R:+:33493013-33493075	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_8036	VHEAMQMQVEAER	AGAP009439-PA	M5(Oxidation), M7(Oxidation)	40	0.000841118	2	1589.709	2.7	Larva	3R:+:33492869-33492907	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_9582	SLKIVAESLANEHGR	AGAP009439-PA	-	84	2.84E-08	1	1623.882	0.27	Malpighian tubule	3R:+:33493082-33493126	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_19390	AAILESEGVR	AGAP009439-PA	-	53	8.67E-05	2	1044.569	0.3	Salivary gland	3R:+:33492917-33492946	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_19783	ILEPGLNVLLPVVDRVK	AGAP009439-PA	-	42	9.84E-06	1	1874.155	3.8	Malpighian tubule	3R:+:33492485-33492535	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_20906	ILEPGLNVLLPVVDR	AGAP009439-PA	-	80	6.78E-09	1	1646.984	0.22	Midgut	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_22771	ILEPGLNVLLPVVDR	AGAP009439-PA	-	92	4.62E-10	2	1646.983	-0.67	Ovary	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_29895	ILASEAQKQEEINR	AGAP009439-PA	-	106	2.80E-10	1	1628.861	0.28	Malpighian tubule	3R:+:33492989-33493030	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_29954	IVAESLANEHGR	AGAP009439-PA	-	60	1.19E-05	2	1295.669	-0.92	Visceras	3R:+:33493091-33493126	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_41855	IVAESLANEHGR	AGAP009439-PA	-	65	3.32E-06	2	1295.672	1.44	Ovary	3R:+:33493091-33493126	exon=> In CDS Exon 3 of transcript AGAP009439-PA

JHU_Ag_41967	ILEPGLNVLLPVVDR	AGAP009439-PA	-	85	1.82E-09	2	1646.988	2.44	Head	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_45692	IVAESLANEHGR	AGAP009439-PA	-	69	1.46E-06	1	1295.675	3.42	Male reproductive organs	3R:+:33493091-33493126	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_45797	ILEPGLNVLLPVVDR	AGAP009439-PA	-	84	2.78E-09	1	1646.985	0.66	Male reproductive organs	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_55903	RAAILESEGVR	AGAP009439-PA	-	66	2.75E-06	1	1200.667	-2.32	Head	3R:+:33492914-33492946	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_61064	ILEPGLNVLLPVVDR	AGAP009439-PA	-	42	4.82E-05	2	1646.995	6.37	Larva	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_63288	ASEAWGISCLR	AGAP009439-PA	C9(Carbamidomethyl)	55	5.95E-05	1	1249.600	0.36	Male reproductive organs	3R:+:33492803-33492835	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_65515	ILEPGLNVLLPVVDR	AGAP009439-PA	-	59	1.10E-06	1	1646.989	3.26	Pupa	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_69492	MSLDKVFR	AGAP009439-PA	M1(Oxidation)	34	0.004284546	2	1011.525	-4.36	Ovary	3R:+:33492734-33492757	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_78561	ILEPGLNVLLPVVDR	AGAP009439-PA	-	67	1.60E-07	1	1646.990	3.63	Visceras	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_96346	IVAESLANEHGR	AGAP009439-PA	-	109	1.50E-10	1	1295.670	0.03	Head	3R:+:33493091-33493126	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_100015	ANGEAAAIMALADAR	AGAP009439-PA	-	116	3.27E-11	2	1444.724	1.92	Head	3R:+:33493031-33493075	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_108226	ILEPGLNVLLPVVDR	AGAP009439-PA	-	59	8.73E-07	1	1646.991	4.3	Salivary gland	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_110829	ILEPGLNVLLPVVDR	AGAP009439-PA	-	73	3.33E-08	1	1646.986	0.96	Malpighian tubule	3R:+:33492485-33492529	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_117507	ESLNISIVESINK	AGAP009439-PA	-	74	4.77E-07	2	1445.783	-0.81	Midgut	3R:+:33492764-33492802	exon=> In CDS Exon 3 of transcript AGAP009439-PA
JHU_Ag_154	LWGENFFNSK	AGAP009441-PA	N5(Deamidated),N8(Deamidated)	73	6.61E-07	1	1241.595	-0.08	Salivary gland	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_340	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	56	3.20E-05	1	1163.539	2.51	Larva	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_917	AYLPVNESFGFTADLR	AGAP009441-PA	-	47	0.000279004	2	1799.902	3.29	Visceras	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_1090	EGLPDLSQYLDK	AGAP009441-PA	-	63	9.39E-06	1	1377.694	2.79	Ovary	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_2434	YLSEKYDYDVTEAR	AGAP009441-PA	-	112	9.31E-11	1	1751.817	2.57	Salivary gland	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_2468	MEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation),"M1(Oxidation),M3(Oxidation)",M1(Oxidation)	69	1.40E-06	1	2020.900	0.44	Head	3R:-:33499021-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_2724	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	73	8.43E-07	2	1504.773	-1.45	Midgut	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_2743	AYLPVNESFGFTADLR	AGAP009441-PA	-	114	4.82E-11	1	1799.899	1.21	Malpighian tubule	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_3284	MEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation),"M1(Oxidation),M3(Oxidation)",M1(Oxidation)	91	8.02E-09	1	2004.902	-1.11	Midgut	3R:-:33499021-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_3435	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	108	2.93E-10	1	1963.958	-0.2	Male reproductive organs	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_3454	YDYDVTEAR	AGAP009441-PA	-	67	8.11E-07	2	1131.494	-1.11	Midgut	3R:-:33498211-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_3590	IWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	147	2.96E-14	1	2135.993	1.75	Salivary gland	3R:-:33498181-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_4027	GGGQIIPTAR	AGAP009441-PA	-	33	0.002416347	2	969.546	-1.9	Head	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_4510	MEMLYEGPHDDEAAVAVK	AGAP009441-PA	M1(Oxidation), M3(Oxidation)	64	4.88E-06	1	2004.909	2.51	Salivary gland	3R:-:33499021-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_5011	YLSEKYDYDVTEAR	AGAP009441-PA	-	108	2.66E-10	1	1751.820	4.66	Malpighian tubule	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_5149	NPADLPK	AGAP009441-PA	-	37	0.00156431	1	754.411	1.62	Visceras	3R:-:33498589-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_5197	TWLPAGEALLQMIAIHLPSPVVAQK	AGAP009441-PA	M12(Oxidation)	169	2.67E-17	1	2699.512	6.2	Ovary	3R:-:33499102-33499028	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_5934	YVEAIEDVPCGNICGLVGVDQFLVK	AGAP009441-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	171	1.08E-16	1	2794.388	3.25	Ovary	3R:-:33498757-33498683	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_6301	VLYASYITASPR	AGAP009441-PA	-	68	1.42E-06	2	1340.722	0.7	Visceras	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_6446	DLVFITNPDQR	AGAP009441-PA	-	84	6.76E-08	2	1317.681	1.25	Head	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_7100	GGGQIIPTAR	AGAP009441-PA	-	44	0.000211055	1	969.548	0.81	Pupa	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_7760	GGGQIIPTAR	AGAP009441-PA	-	29	0.003894744	1	969.552	4.02	Visceras	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_7968	SDPVVSYR	AGAP009441-PA	-	41	0.001272443	2	922.462	-1.28	Pupa	3R:-:33498409-33498386	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_9050	IMEPVYLCEIQCPEAAVGGIYGVLNR	AGAP009441-PA	M2(Oxidation), C8(Carbamidomethyl), C12(Carbamidomethyl)	169	2.03E-16	1	2967.451	3.27	Male reproductive organs	3R:-:33497828-33497751	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_9750	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	44	0.000516196	1	2491.221	3.03	Visceras	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_9775	FSVSPVVR	AGAP009441-PA	-	42	0.00057918	1	890.510	0.18	Male reproductive organs	3R:-:33498631-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_10088	VFDAIMNYK	AGAP009441-PA	M6(Oxidation)	57	2.23E-05	1	1100.544	-0.1	Midgut	3R:-:33499228-33499202	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_10279	EGLPDLSQYLDKL	AGAP009441-PA	-	76	3.36E-07	1	1490.783	5.96	Salivary gland	3R:-:33496956-33496918	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_10688	NCDPEGPLMMYVSK	AGAP009441-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M9(Oxidation), M10(Oxidation)"	84	1.79E-08	1	1672.703	0.93	Salivary gland	3R:-:33498967-33498926	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_10751	NMSVIAHVDHGKSTLTDSLVSK	AGAP009441-PA	M2(Oxidation)	90	1.31E-08	1	2339.202	-0.12	Ovary	3R:-:33500130-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_11426	EGLPDLSQYLDKL	AGAP009441-PA	-	72	9.28E-07	1	1490.782	5.22	Malpighian tubule	3R:-:33496956-33496918	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_11492	DLVFITNPDQR	AGAP009441-PA	-	80	1.85E-07	2	1317.685	3.84	Midgut	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_12038	STLTDSLVSK	AGAP009441-PA	-	54	4.81E-05	2	1050.570	2.23	Malpighian tubule	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_12189	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	60	1.40E-05	1	1163.538	1.78	Malpighian tubule	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_13041	AYLPVNESFGFTADLR	AGAP009441-PA	-	64	5.23E-06	1	1799.901	2.47	Male reproductive organs	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_13529	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	82	9.68E-08	1	2264.097	5.56	Head	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_14016	ALLELQLDPEDLYQTFQR	AGAP009441-PA	-	118	1.81E-11	1	2192.133	4.51	Head	3R:-:33499585-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_14051	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	60	1.10E-05	2	1147.539	-1.99	Head	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_14592	DLVFITNPDQR	AGAP009441-PA	-	78	2.94E-07	1	1317.681	1.15	Malpighian tubule	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_14859	FSVSPVVR	AGAP009441-PA	-	41	0.000595786	1	890.512	2.58	Malpighian tubule	3R:-:33498631-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_15186	VNFTVDEIR	AGAP009441-PA	N-Term(Acetyl)	46	0.000326405	2	1134.584	4.21	Ovary	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_15923	YVEAIEDVPCGNICGLVGVDQFLVK	AGAP009441-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	75	4.21E-07	1	2794.376	-0.99	Malpighian tubule	3R:-:33498757-33498683	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_15960	EGLPDLSQYLDKL	AGAP009441-PA	-	63	7.38E-06	2	1490.780	4.15	Larva	3R:-:33496956-33496918	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_16442	RGHVFEDSQVAGTPMFVVK	AGAP009441-PA	M15(Oxidation)	40	0.001770228	1	2120.062	1.08	Male reproductive organs	3R:-:33497747-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_16636	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	146	3.97E-14	1	1720.882	0.65	Midgut	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_16777	DLEEDHACIPLKK	AGAP009441-PA	C8(Carbamidomethyl)	91	1.09E-08	1	1567.777	-0.89	Head	3R:-:33498448-33498410	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_17570	ETVSDESDQMCLSK	AGAP009441-PA	M10(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	102	3.11E-10	1	1628.680	1.5	Malpighian tubule	3R:-:33498385-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_17599	DLEEDHACIPLK	AGAP009441-PA	C8(Carbamidomethyl)	97	3.11E-09	1	1439.690	4.79	Midgut	3R:-:33498448-33498413	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_17605	DLEEDHACIPLKK	AGAP009441-PA	C8(Carbamidomethyl)	96	3.84E-09	1	1567.785	4.09	Ovary	3R:-:33498448-33498410	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_17806	RVLYASYITASPR	AGAP009441-PA	-	78	1.27E-07	2	1496.821	-0.63	Midgut	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_18712	IKPVLFMNK	AGAP009441-PA	M7(Oxidation)	53	2.69E-05	1	1105.643	-0.48	Malpighian tubule	3R:-:33499621-33499595	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_18747	NMSVIAHVDHGK	AGAP009441-PA	M2(Oxidation)	71	1.26E-06	2	1323.649	1.42	Head	3R:-:33500130-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_19037	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	90	1.51E-08	1	2264.086	0.7	Visceras	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_19510	YLSEKYDYDVTEAR	AGAP009441-PA	-	120	1.61E-11	1	1751.814	1.11	Midgut	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_19529	VNFTVDEIR	AGAP009441-PA	-	40	0.001609315	1	1092.569	0.36	Head	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_19535	NIRNMSVIAHVDHGK	AGAP009441-PA	M5(Oxidation)	68	2.13E-06	1	1706.878	1.43	Malpighian tubule	3R:-:33500139-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_19560	FSVSPVVR	AGAP009441-PA	-	41	0.000644529	1	890.508	-1.33	Head	3R:-:33498631-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_20157	VNFTVDEIR	AGAP009441-PA	N-Term(Acetyl)	52	8.55E-05	2	1134.583	3.13	Malpighian tubule	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_20404	FSVSPVVR	AGAP009441-PA	-	42	0.000576519	1	890.510	0.04	Ovary	3R:-:33498631-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_21922	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation)	111	9.28E-11	1	2080.968	3.5	Malpighian tubule	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_22121	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	69	1.78E-06	1	1488.786	3.48	Head	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_22124	GGGQIIPTAR	AGAP009441-PA	-	54	2.38E-05	1	969.550	2.51	Malpighian tubule	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA

JHU_Ag_22570	SDPVVSYR	AGAP009441-PA	-	54	5.91E-05	1	922.466	3.68	Ovary	3R:-:33498409-33498386	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_22959	TDEIPK	AGAP009441-PA	-	38	0.002832493	2	702.371	5.2	Ovary	3R:-:33499201-33499184	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_23884	QFAEMYSAMFK	AGAP009441-PA	M5(Oxidation), M9(Oxidation)	72	4.74E-07	1	1384.596	3.69	Larva	3R:-:33499396-33499364	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_23958	DSVVAGFQWASK	AGAP009441-PA	-	80	1.52E-07	2	1294.643	-0.05	Pupa	3R:-:33498097-33498062	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_24111	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	133	7.25E-13	1	2264.084	0.14	Male reproductive organs	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_25069	QFAEMYSAMFK	AGAP009441-PA	-	34	0.003279 35	2	1352.605	2.67	Malpighian tubule	3R:-:33499396-33499364	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_25103	LWGENFFNSK	AGAP009441-PA	N8(Deamidated)	76	2.90E-07	2	1241.593	-1.46	Midgut	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_25545	YDYDVTEAR	AGAP009441-PA	-	64	1.26E-06	1	1131.492	-2.73	Pupa	3R:-:33498211-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_25841	YRMEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation), M5(Oxidation),M3(Oxidation)	121	1.18E-11	1	2324.077	3.55	Malpighian tubule	3R:-:33499027-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_25941	GGGQIIPTAR	AGAP009441-PA	-	35	0.001181623	1	969.552	4.04	Midgut	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_26047	IKPVLFMNK	AGAP009441-PA	M7(Oxidation)	53	2.68E-05	1	1105.645	0.6	Salivary gland	3R:-:33499621-33499595	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_26241	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	141	1.31E-13	1	1720.891	5.89	Salivary gland	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_26377	YVEAIEDVPCGNICGLVGVDQFLVK	AGAP009441-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	70	1.33E-06	1	2794.392	4.77	Salivary gland	3R:-:33498757-33498683	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_26644	LWGENFFNSK	AGAP009441-PA	-	64	4.76E-06	1	1241.596	1.1	Head	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_26691	VFDAIMNYK	AGAP009441-PA	M6(Oxidation)	73	5.51E-07	1	1116.541	1.11	Salivary gland	3R:-:33499228-33499202	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_26702	YLSEKYDYDVTEAR	AGAP009441-PA	-	105	4.29E-10	1	1751.815	1.25	Ovary	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_27045	TWLPAGEALLQMIAIHLPSPVVAQK	AGAP009441-PA	M12(Oxidation)	87	3.72E-09	1	2683.505	1.77	Salivary gland	3R:-:33499102-33499028	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_27120	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	86	4.07E-08	2	1947.961	-1.43	Pupa	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_27386	VLYASYITASPR	AGAP009441-PA	-	97	1.97E-09	1	1340.724	2.52	Malpighian tubule	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_27559	DLVFITNPDQR	AGAP009441-PA	-	47	0.000381662	2	1317.682	1.62	Pupa	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_27623	GGGQIIPTAR	AGAP009441-PA	-	34	0.002188564	1	969.547	-0.75	Male reproductive organs	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_27810	LWGENFFNSK	AGAP009441-PA	-	66	2.98E-06	2	1241.600	4.14	Larva	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_28647	NMSVIAHVDHGK	AGAP009441-PA	M2(Oxidation)	54	7.01E-05	2	1323.658	7.79	Pupa	3R:-:33500130-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_28829	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	121	1.34E-11	1	2264.087	1.35	Ovary	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_29035	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	60	1.72E-05	2	1488.784	1.92	Ovary	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_29168	SNTGGQAFPQCVFDHWQIFPGDPTDPSTKPYQIIQDIR	AGAP009441-PA	C11(Carbamidomethyl)	110	8.35E-11	1	4361.080	1.84	Ovary	3R:-:33497088-33496975	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_29289	VSLKHEDK	AGAP009441-PA	-	46	0.000182431	1	955.520	-0.34	Salivary gland	3R:-:33499165-33499142	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_29483	YRMEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation), M5(Oxidation)	56	2.37E-05	1	2356.058	-0.12	Salivary gland	3R:-:33499027-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_29889	VAVEPKNPADLPK	AGAP009441-PA	-	59	7.38E-06	2	1377.775	0.98	Ovary	3R:-:33498607-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_30522	STLTDSLVSK	AGAP009441-PA	-	44	0.000459936	1	1050.572	3.81	Male reproductive organs	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_31361	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	59	1.90E-05	1	2264.091	2.97	Larva	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_31834	QFAEMYSAMFK	AGAP009441-PA	M5(Oxidation), M9(Oxidation)	57	1.41E-05	1	1384.594	1.75	Male reproductive organs	3R:-:33499396-33499364	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_32251	GVQYLNEIK	AGAP009441-PA	-	38	0.002386668	1	1063.578	0.02	Head	3R:-:33498124-33498098	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_32586	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	130	1.75E-12	1	2264.088	1.76	Salivary gland	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_33175	MEMLYEGPHDDEAAVAVK	AGAP009441-PA	M1(Oxidation), M3(Oxidation)	44	0.000420839	1	2036.901	3.44	Larva	3R:-:33499021-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_33321	IKPVLFMNKMDR	AGAP009441-PA	M10(Oxidation),"M7(Oxidation), M10(Oxidation)",M7(Oxidation)	55	2.21E-05	1	1491.825	5.01	Malpighian tubule	3R:-:33499621-33499586	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_33629	NCDPEGPLMMYVSK	AGAP009441-PA	C2(Carbamidomethyl), M9(Oxidation), M10(Oxidation)	87	7.06E-09	1	1672.702	0.05	Male reproductive organs	3R:-:33498967-33498926	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_34684	ALLELQLDPEDLYQTFQR	AGAP009441-PA	-	150	1.24E-14	1	2192.128	1.95	Malpighian tubule	3R:-:33499585-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_35680	VLYASYITASPR	AGAP009441-PA	-	93	4.88E-09	2	1340.722	0.79	Ovary	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_36450	NMSVIAHVDHGK	AGAP009441-PA	M2(Oxidation)	84	6.13E-08	1	1323.645	-1.53	Male reproductive organs	3R:-:33500130-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_36769	EDLYEK	AGAP009441-PA	-	42	0.000769864	1	796.374	2.18	Malpighian tubule	3R:-:33498808-33498791	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_37163	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	57	2.97E-05	2	2491.219	2.24	Head	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_37483	VFDAIMNYK	AGAP009441-PA	M6(Oxidation)	63	6.03E-06	2	1116.539	-0.86	Male reproductive organs	3R:-:33499228-33499202	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_37728	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	139	1.99E-13	1	1720.885	2.77	Head	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_37858	EGLPDLSQYLDK	AGAP009441-PA	-	73	1.01E-06	1	1377.692	1.9	Salivary gland	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_38403	IWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	120	1.63E-11	1	2136.000	5.3	Midgut	3R:-:33498181-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_38502	GGGQIIPTAR	AGAP009441-PA	-	45	0.000115207	1	969.552	3.96	Ovary	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_38974	DLEEDHACIPLKK	AGAP009441-PA	C8(Carbamidomethyl)	76	3.85E-07	1	1567.778	-0.04	Salivary gland	3R:-:33498448-33498410	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_39168	IWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	125	4.08E-12	1	2135.989	-0.19	Visceras	3R:-:33498181-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_39266	NMSVIAHVDHGK	AGAP009441-PA	M2(Oxidation)	82	1.18E-07	1	1323.656	6.13	Salivary gland	3R:-:33500130-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_39845	ETVSDESDQMCLSK	AGAP009441-PA	C11(Carbamidomethyl)," M10(Oxidation), C11(Carbamidomethyl)"	93	1.99E-09	1	1628.677	-0.75	Salivary gland	3R:-:33498385-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_40349	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	69	2.04E-06	2	2491.217	1.26	Pupa	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_40506	VLYASYITASPR	AGAP009441-PA	-	96	2.46E-09	2	1340.720	-0.39	Midgut	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_40676	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	73	5.85E-07	1	1163.535	-1.26	Male reproductive organs	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_40910	IKPVLFMNK	AGAP009441-PA	M7(Oxidation)	48	7.08E-05	1	1105.643	-1.23	Pupa	3R:-:33499621-33499595	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_41026	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	75	5.71E-07	2	1963.969	5.21	Larva	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_41281	GFLINLIDSPGHVDFSSEVTAALR	AGAP009441-PA	-	190	8.28E-19	1	2558.334	3.65	Ovary	3R:-:33499783-33499712	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_41846	STLTDSLVSK	AGAP009441-PA	-	65	3.51E-06	2	1050.569	0.72	Salivary gland	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_42087	GVQYLNEIKDSVVAGFQWASK	AGAP009441-PA	-	70	1.10E-06	1	2339.200	-1.42	Midgut	3R:-:33498124-33498062	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_42145	GVQYLNEIK	AGAP009441-PA	-	49	0.000168626	2	1063.581	2.89	Larva	3R:-:33498124-33498098	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_42431	VLYASYITASPR	AGAP009441-PA	-	78	1.69E-07	2	1340.722	0.61	Salivary gland	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_42502	VSLKHEDK	AGAP009441-PA	-	46	0.00018492	2	955.524	3.68	Ovary	3R:-:33499165-33499142	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_42653	DLVFITNPDQR	AGAP009441-PA	-	66	3.87E-06	2	1317.687	5.51	Ovary	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_44507	SNTGGQAFPQCVFDHWQIFPGDPTDPSTKPYQIIQDIR	AGAP009441-PA	C11(Carbamidomethyl)	78	1.53E-07	1	4361.095	5.2	Salivary gland	3R:-:33497088-33496975	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_44842	FSVSPVVR	AGAP009441-PA	-	41	0.000600916	1	890.510	0.18	Pupa	3R:-:33498631-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_44961	VLYASYITASPR	AGAP009441-PA	-	47	0.000189743	2	1340.723	1.7	Pupa	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_44979	VNFTVDEIR	AGAP009441-PA	-	71	1.33E-06	1	1092.568	-0.15	Malpighian tubule	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_45166	YDYDVTEAR	AGAP009441-PA	-	47	9.00E-05	2	1131.496	0.83	Visceras	3R:-:33498211-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_45458	YVEAIEDVPCGNICGLVGVDQFLVK	AGAP009441-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	34	0.005117265	1	2794.399	7.27	Head	3R:-:33498757-33498683	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_45510	IMGPNFTPGKK	AGAP009441-PA	M2(Oxidation)	39	0.001865632	1	1205.636	1.13	Salivary gland	3R:-:33498841-33498809	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_45550	VNFTVDEIR	AGAP009441-PA	-	76	3.62E-07	2	1092.568	-0.49	Visceras	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_45619	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	77	3.20E-07	1	1720.882	0.74	Visceras	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_45641	MEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation),"M1(Oxidation), M3(Oxidation)",M1(Oxidation)	105	3.28E-10	1	2036.900	2.7	Ovary	3R:-:33499021-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_45716	TGTISTFKDAHNMK	AGAP009441-PA	M13(Oxidation)	85	4.94E-08	1	1550.768	2.84	Malpighian tubule	3R:-:33498682-33498641	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_46120	VFDAIMNYKTDEIPK	AGAP009441-PA	M6(Oxidation)	67	3.02E-06	1	1799.888	-0.35	Midgut	3R:-:33499228-33499184	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_46246	YLSEKYDYDVTEAR	AGAP009441-PA	-	86	3.73E-08	1	1751.820	4.52	Larva	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_46595	MEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation),"M1(Oxidation), M3(Oxidation)"	121	9.43E-12	1	2004.910	3.09	Malpighian tubule	3R:-:33499021-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_46704	GVQYLNEIK	AGAP009441-PA	-	44	0.000604453	2	1063.577	-1.24	Malpighian tubule	3R:-:33498124-33498098	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_46947	IMEPVYLCEIQCPEAAVGGIYGVLNR	AGAP009441-PA	M2(Oxidation), C8(Carbamidomethyl), C12(Carbamidomethyl)	183	7.55E-18	1	2967.442	0.31	Malpighian tubule	3R:-:33497828-33497751	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_47053	NCDPEGPLMMYVSK	AGAP009441-PA	C2(Carbamidomethyl), M10(Oxidation),"C2(Carbamidomethyl), M9(Oxidation)","C2(Carbamidomethyl), M9(Oxidation), M10(Oxidation)"	63	1.89E-06	1	1672.702	0.41	Midgut	3R:-:33498967-33498926	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_47161	IMEPVYLCEIQCPEAAVGGIYGVLNRR	AGAP009441-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)," M2(Oxidation), C8(Carbamidomethyl), C12(Carbamidomethyl)"	128	1.68E-12	1	3123.542	-0.07	Ovary	3R:-:33497828-33497748	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_48315	DLEEDHACIPLK	AGAP009441-PA	C8(Carbamidomethyl)	87	3.14E-08	1	1439.689	3.86	Ovary	3R:-:33498448-33498413	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_48683	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	151	1.18E-14	1	2491.224	4.1	Ovary	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_49136	VLYASYITASPR	AGAP009441-PA	-	86	2.37E-08	1	1340.722	0.52	Head	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_49188	TDEIPKLLEK	AGAP009441-PA	-	42	0.000501 98	1	1185.678	4.79	Malpighian tubule	3R:-:33499201-33499172	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_49457	EGLPDLSQYLDK	AGAP009441-PA	-	49	0.000239 706	1	1377.692	1.37	Male reproductive organs	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_49656	IMGPNFTPGK	AGAP009441-PA	M2(Oxidation)	39	0.002238 085	1	1077.544	3.66	Ovary	3R:-:33498841-33498812	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_49824	MVPTSDKGR	AGAP009441-PA	M1(Oxidation)	55	5.40E-05	2	1006.498	-0.93	Salivary gland	3R:-:33498925-33498899	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_49998	EGLPDLSQYLDKL	AGAP009441-PA	-	74	6.59E-07	1	1490.782	5.63	Ovary	3R:-:33496956-33496918	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_50058	YVEAIEDVPCGNICGLVGVDQFLVK	AGAP009441-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	48	0.000200 881	1	2794.382	0.84	Male reproductive organs	3R:-:33498757-33498683	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_50083	GVQYLNEIK	AGAP009441-PA	-	38	0.002522 273	2	1063.579	0.48	Pupa	3R:-:33498124-33498098	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_50773	VFDAIMNYK	AGAP009441-PA	M6(Oxidation)	62	7.66E-06	1	1116.543	2.97	Ovary	3R:-:33499228-33499202	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_51032	IVENVNVIIATYNDDGGPMGEVRIDPSR	AGAP009441-PA	M19(Oxidation)	138	2.03E-13	1	3059.523	4.11	Malpighian tubule	3R:-:33499531-33499448	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_51167	YDYDVTEAR	AGAP009441-PA	-	69	6.00E-07	2	1131.496	0.72	Salivary gland	3R:-:33498211-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_51766	AYLPVNESFGFTADLR	AGAP009441-PA	-	118	1.95E-11	1	1799.906	5.25	Salivary gland	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_51810	YLSEKYDYDVTEAR	AGAP009441-PA	-	111	1.17E-10	1	1751.818	3.13	Male reproductive organs	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_52057	STLTDSLVSK	AGAP009441-PA	-	55	3.37E-05	1	1050.572	3.97	Ovary	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_52628	YDYDVTEAR	AGAP009441-PA	-	60	4.76E-06	2	1131.497	1.26	Larva	3R:-:33498211-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_52805	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	37	0.002891 828	2	1504.784	5.61	Visceras	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_53196	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	102	9.99E-10	2	2491.219	2.14	Midgut	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_53324	ETVSDESDQMCLSK	AGAP009441-PA	C11(Carbamidomethyl)	74	1.43E-07	1	1628.678	-0.08	Midgut	3R:-:33498385-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_53807	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	98	2.14E-09	2	2491.215	0.58	Salivary gland	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_54027	AYLPVNESFGFTADLR	AGAP009441-PA	-	98	1.93E-09	1	1799.911	7.9	Larva	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_54328	TILMMGR	AGAP009441-PA	M4(Oxidation), M5(Oxidation)	32	0.005690705	1	853.428	1.46	Malpighian tubule	3R:-:33498778-33498758	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_54487	VFDAIMNYKTDEIPK	AGAP009441-PA	M6(Oxidation)	88	2.31E-08	1	1799.893	2.57	Ovary	3R:-:33499228-33499184	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_54534	AYLPVNESFGFTADLR	AGAP009441-PA	-	127	2.61E-12	1	1799.903	3.9	Ovary	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_54652	IWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	125	4.56E-12	1	2135.992	1.18	Male reproductive organs	3R:-:33498181-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_54801	YDYDVTEAR	AGAP009441-PA	-	56	1.15E-05	2	1131.500	4.07	Ovary	3R:-:33498211-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_54972	YRMEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation), M5(Oxidation),M5(Oxidation),M3(Oxidation)	116	3.64E-11	1	2324.071	0.95	Ovary	3R:-:33499027-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_55413	SDPVVSYR	AGAP009441-PA	-	45	0.000519788	2	922.466	3.41	Malpighian tubule	3R:-:33498409-33498386	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_55892	RVLYASYITASPR	AGAP009441-PA	-	69	8.26E-07	2	1496.822	-0.06	Male reproductive organs	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_56207	AVPMPDGLPDDIDNGDVNARDEFK	AGAP009441-PA	M4(Oxidation)	59	1.54E-05	1	2600.207	5.39	Malpighian tubule	3R:-:33498310-33498239	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_57062	AGIIAGAK	AGAP009441-PA	-	44	0.000394896	2	700.439	5.02	Ovary	3R:-:33500064-33500041	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_57132	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation)	67	2.28E-06	1	2096.953	-1.09	Male reproductive organs	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_57191	RVLYASYITASPR	AGAP009441-PA	-	87	1.47E-08	2	1496.824	1.41	Pupa	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_57337	YVEAIEDVPCGNICGLVGVDQFLVK	AGAP009441-PA	C10(Carbamidomethyl), C14(Carbamidomethyl)	44	0.000532275	2	2794.395	5.61	Larva	3R:-:33498757-33498683	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_57470	STLTDSLVSK	AGAP009441-PA	-	63	6.57E-06	1	1050.569	0.72	Visceras	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_57491	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	37	0.003489048	1	1720.878	-1.7	Male reproductive organs	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_57682	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	139	2.28E-13	1	1963.965	3.16	Ovary	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_57861	YDYDVTEAR	AGAP009441-PA	-	61	4.50E-06	2	1131.498	2.24	Malpighian tubule	3R:-:33498211-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_57934	NCDPEGPLMMYVSK	AGAP009441-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation)","C2(Carbamidomethyl), M9(Oxidation), M10(Oxidation)","C2(Carbamidomethyl), M9(Oxidation)"	84	2.54E-08	1	1640.714	1.14	Ovary	3R:-:33498967-33498926	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_58566	ALLELQLDPEDLYQTFQR	AGAP009441-PA	-	132	6.55E-13	1	2192.132	4.06	Ovary	3R:-:33499585-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_58627	EGLPDLSQYLDK	AGAP009441-PA	-	40	0.001788748	2	1377.694	2.96	Visceras	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_59391	AVPMPDGLPDDIDNGDVNARDEFK	AGAP009441-PA	M4(Oxidation),"M4(Oxidation), N14(Deamidated)"	62	7.69E-06	1	2616.197	3.15	Salivary gland	3R:-:33498310-33498239	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_59464	GGGQIIPTAR	AGAP009441-PA	-	62	3.74E-06	2	969.548	-0.07	Salivary gland	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_60163	RVLYASYITASPR	AGAP009441-PA	-	73	3.05E-07	2	1496.823	0.76	Salivary gland	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_60283	MDRALLELQLDPEDLYQTFQR	AGAP009441-PA	M1(Oxidation)	67	2.78E-06	3	2610.311	9.03	Malpighian tubule	3R:-:33499594-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_60391	IWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	152	8.70E-15	1	2135.992	1.64	Malpighian tubule	3R:-:33498181-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_60511	VFDAIMNYK	AGAP009441-PA	M6(Oxidation)	66	2.44E-06	1	1100.544	-0.05	Pupa	3R:-:33499228-33499202	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_60676	LWGENFFNSK	AGAP009441-PA	N8(Deamidated)	63	5.73E-06	1	1241.595	0.11	Pupa	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_60827	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	61	1.44E-05	1	1504.780	2.69	Pupa	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_60864	EGLPDLSQYLDKL	AGAP009441-PA	-	75	5.41E-07	1	1490.775	0.88	Male reproductive organs	3R:-:33496956-33496918	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_61287	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	51	0.000103048	1	1163.536	0.1	Midgut	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_61442	DLVFITNPDQRDK	AGAP009441-PA	Q10(Deamidated),N7(Deamidated)	38	0.00304646	1	1561.785	-0.26	Visceras	3R:-:33499831-33499793	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_61634	NPADLPK	AGAP009441-PA	-	35	0.001654265	2	754.408	-1.23	Head	3R:-:33498589-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_62509	TGTISTFK	AGAP009441-PA	-	42	0.000448238	2	854.461	-1	Pupa	3R:-:33498682-33498659	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_62986	YLSEKYDYDVTEAR	AGAP009441-PA	-	106	3.31E-10	1	1751.815	1.6	Visceras	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_63488	GFLINLIDSPGHVDFSSEVTAALR	AGAP009441-PA	-	81	6.41E-08	1	2558.340	5.72	Malpighian tubule	3R:-:33499783-33499712	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_64093	IWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	138	2.18E-13	1	2135.998	4.15	Ovary	3R:-:33498181-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_64116	LMNRLWGENFFNSK	AGAP009441-PA	M2(Oxidation)	83	7.14E-08	1	1755.866	1.29	Ovary	3R:-:33499348-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_64496	GVQYLNEIKDSVVAGFQWASK	AGAP009441-PA	-	101	1.04E-09	2	2339.203	0.13	Ovary	3R:-:33498124-33498062	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_64994	TGTISTFK	AGAP009441-PA	-	43	0.000387244	1	854.465	3.57	Ovary	3R:-:33498682-33498659	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_66013	IKPVLFMNK	AGAP009441-PA	M7(Oxidation)	52	2.86E-05	1	1105.647	3	Ovary	3R:-:33499621-33499595	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_67002	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	70	1.41E-06	1	1163.537	0.31	Salivary gland	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_67110	AVPMPDGLPDDIDNGDVNARDEFK	AGAP009441-PA	M4(Oxidation)	76	2.61E-07	1	2616.176	-4.62	Midgut	3R:-:33498310-33498239	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_67188	RVLYASYITASPR	AGAP009441-PA	-	46	0.000153399	1	1496.823	0.68	Head	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_67453	DLEEDHACIPLK	AGAP009441-PA	C8(Carbamidomethyl)	90	1.39E-08	1	1439.685	0.64	Malpighian tubule	3R:-:33498448-33498413	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_69667	AGIIAGAK	AGAP009441-PA	-	40	0.000720891	2	700.435	0.14	Visceras	3R:-:33500064-33500041	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_70011	AYLPVNESFGFTADLR	AGAP009441-PA	-	99	1.80E-09	2	1799.895	-0.51	Midgut	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA

JHU_Ag_70139	GGGQIIPTARR	AGAP009441-PA	-	35	0.001256877	1	1125.651	1.89	Malpighian tubule	3R:-:33497897-33497865	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_70265	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	140	1.57E-13	1	1947.965	0.7	Malpighian tubule	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_70351	VNFTVDEIR	AGAP009441-PA	-	76	3.60E-07	2	1092.568	-0.04	Salivary gland	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_70485	VNFTVDEIR	AGAP009441-PA	-	76	3.95E-07	2	1092.568	-0.04	Ovary	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_70523	GFLINLIDSPGHVDFSSEVTAALR	AGAP009441-PA	-	37	0.001690993	3	2558.330	1.93	Visceras	3R:-:33499783-33499712	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_71002	TGTISTFK	AGAP009441-PA	-	38	0.000967184	1	854.461	-0.64	Malpighian tubule	3R:-:33498682-33498659	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_71348	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	129	2.07E-12	1	1720.887	3.62	Ovary	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_71366	RVLYASYITASPR	AGAP009441-PA	-	57	1.37E-05	2	1496.826	2.88	Larva	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_71386	GGGQIIPTAR	AGAP009441-PA	-	49	7.35E-05	1	969.551	3.27	Larva	3R:-:33497897-33497868	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_71481	EGLPDLSQYLDK	AGAP009441-PA	-	59	2.08E-05	2	1377.692	1.81	Pupa	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_71534	VFDAIMNYK	AGAP009441-PA	M6(Oxidation)	56	3.29E-05	1	1116.544	3.74	Larva	3R:-:33499228-33499202	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_72204	RVLYASYITASPR	AGAP009441-PA	-	66	1.53E-06	2	1496.824	1.17	Ovary	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_72641	VTDGALVVVDCVSGVCVQTETVLR	AGAP009441-PA	C11(Carbamidomethyl), C16(Carbamidomethyl)	103	6.80E-10	2	2576.302	-1.71	Salivary gland	3R:-:33499711-33499640	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_73079	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	129	1.97E-12	1	1963.950	-4.43	Salivary gland	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_73851	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	71	1.35E-06	2	1504.776	0.42	Male reproductive organs	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_73899	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	94	6.84E-09	1	2264.086	0.79	Midgut	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_74286	VNFTVDEIR	AGAP009441-PA	-	64	6.12E-06	2	1092.568	-0.26	Male reproductive organs	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_74806	SDPVVSYRETVSDESDQMCLSK	AGAP009441-PA	C19(Carbamidomethyl),"M18(Oxidation), C19(Carbamidomethyl)"	159	1.39E-15	1	2532.133	4	Malpighian tubule	3R:-:33498409-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_74882	GVQYLNEIKDSVVAGFQWASK	AGAP009441-PA	-	111	8.32E-11	2	2339.214	4.72	Salivary gland	3R:-:33498124-33498062	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_75035	IMEPVYLCEIQCPEAAVGGIYGVLNR	AGAP009441-PA	C8(Carbamidomethyl), C12(Carbamidomethyl),"M2(Oxidation), C8(Carbamidomethyl), C12(Carbamidomethyl)"	161	1.24E-15	1	2967.449	2.64	Ovary	3R:-:33497828-33497751	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_75062	ALLELQLDPEDLYQTFQR	AGAP009441-PA	-	89	1.61E-08	1	2192.127	1.39	Pupa	3R:-:33499585-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_75439	EGLPDLSQYLDK	AGAP009441-PA	-	69	2.45E-06	1	1377.693	2.61	Head	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_77167	VFDAIMNYK	AGAP009441-PA	M6(Oxidation)	58	1.86E-05	2	1116.539	-0.31	Malpighian tubule	3R:-:33499228-33499202	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_77229	RGHVFEDSQVAGTPMFVVK	AGAP009441-PA	M15(Oxidation)	36	0.003886134	1	2120.057	-1.25	Midgut	3R:-:33497747-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA

JHU_Ag_77914	AGIIAGAK	AGAP009441-PA	-	54	3.24E-05	2	700.435	-0.29	Salivary gland	3R:-:33500064-33500041	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_77991	DLVFITNPDQR	AGAP009441-PA	-	76	4.76E-07	2	1317.686	4.49	Larva	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_78836	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	71	1.15E-06	1	1504.778	1.23	Salivary gland	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_79006	NMSVIAHVDHGK	AGAP009441-PA	M2(Oxidation)	71	1.19E-06	1	1323.651	2.99	Ovary	3R:-:33500130-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_79465	AYLPVNESFGFTADLR	AGAP009441-PA	-	116	2.99E-11	1	1799.903	3.97	Pupa	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_79644	VFDAIMNYKTDEIPK	AGAP009441-PA	M6(Oxidation)	60	1.45E-05	2	1799.883	-3	Salivary gland	3R:-:33499228-33499184	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_79868	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation),"M4(Oxidation), N14(Deamidated)"	92	7.28E-09	1	2097.944	1.99	Larva	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_79998	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation), N18(Deamidated),M4(Oxidation),"M4(Oxidation), N14(Deamidated)"	114	4.46E-11	1	2080.966	2.44	Salivary gland	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_80437	DLEEDHACIPLKK	AGAP009441-PA	C8(Carbamidomethyl)	79	2.00E-07	1	1567.760	-11.79	Malpighian tubule	3R:-:33498448-33498410	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_81070	IMEPVYLCEIQCPEAAVGGIYGVLNRR	AGAP009441-PA	M2(Oxidation), C8(Carbamidomethyl), C12(Carbamidomethyl)	163	4.60E-16	1	3123.564	6.85	Malpighian tubule	3R:-:33497828-33497748	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_81346	YLSEKYDYDVTEAR	AGAP009441-PA	-	104	6.54E-10	1	1751.818	3.27	Pupa	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_81448	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	137	3.19E-13	1	1963.959	0.55	Head	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_81522	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	134	5.35E-13	1	1720.890	5.68	Larva	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_81540	TWLPAGEALLQMIAIHLPSPVVAQK	AGAP009441-PA	M12(Oxidation)	68	3.23E-07	1	2683.507	2.32	Pupa	3R:-:33499102-33499028	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_83194	GVQYLNEIKDSVVAGFQWASK	AGAP009441-PA	-	94	4.13E-09	1	2339.215	5.14	Larva	3R:-:33498124-33498062	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_83322	FSVSPVVR	AGAP009441-PA	-	37	0.001595195	1	890.510	0.52	Visceras	3R:-:33498631-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_83958	VFAGK	AGAP009441-PA	-	40	0.000816876	1	521.308	-0.26	Salivary gland	3R:-:33498880-33498866	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_84158	STLTDSLVSKAGIIAGAK	AGAP009441-PA	-	93	1.44E-09	1	1731.998	7.31	Malpighian tubule	3R:-:33500094-33500041	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_84490	RGHVFEDSQVAGTPMFVVK	AGAP009441-PA	M15(Oxidation)	82	9.95E-08	1	2120.061	0.54	Salivary gland	3R:-:33497747-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_84583	TWLPAGEALLQMIAIHLPSPVVAQK	AGAP009441-PA	M12(Oxidation)	83	8.81E-09	1	2699.512	6.06	Malpighian tubule	3R:-:33499102-33499028	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_84908	DLVFITNPDQR	AGAP009441-PA	-	62	1.15E-05	2	1317.682	1.52	Visceras	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_85058	LWGENFFNSK	AGAP009441-PA	-	59	1.75E-05	1	1241.598	2.18	Male reproductive organs	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_85137	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation)	119	1.75E-11	1	2096.961	2.75	Ovary	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_85482	VNFTVDEIR	AGAP009441-PA	-	64	5.44E-06	2	1092.569	0.29	Pupa	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_85539	FSVSPVVR	AGAP009441-PA	-	47	0.000178161	2	890.510	0.11	Salivary gland	3R:-:33498631-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_86817	GVQYLNEIK	AGAP009441-PA	-	56	3.68E-05	2	1063.577	-1.36	Midgut	3R:-:33498124-33498098	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_87250	NCDPEGPLMMYVSK	AGAP009441-PA	C2(Carbamidomethyl), M10(Oxidation),C2(Carbamidomethyl),"C2(Carbamidomethyl), M9(Oxidation)","C2(Carbamidomethyl), M9(Oxidation), M10(Oxidation)"	90	4.70E-09	1	1656.715	5.09	Malpighian tubule	3R:-:33498967-33498926	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_87302	DLEEDHACIPLK	AGAP009441-PA	C8(Carbamidomethyl)	89	1.86E-08	1	1439.685	1.23	Head	3R:-:33498448-33498413	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_87447	VNFTVDEIR	AGAP009441-PA	-	59	1.85E-05	2	1092.565	-2.83	Midgut	3R:-:33500187-33500161	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_87890	TGTISTFK	AGAP009441-PA	-	41	0.000505464	2	854.463	1.5	Salivary gland	3R:-:33498682-33498659	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_87921	ETVSDESDQMCLSK	AGAP009441-PA	M10(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	97	6.42E-10	1	1644.678	3.39	Ovary	3R:-:33498385-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_88562	SDPVVSYRETVSDESDQMCLSK	AGAP009441-PA	C19(Carbamidomethyl)," M18(Oxidation), C19(Carbamidomethyl)"	102	6.48E-10	1	2532.126	1.18	Ovary	3R:-:33498409-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_88629	RVLYASYITASPR	AGAP009441-PA	-	93	2.81E-09	2	1496.830	5.65	Malpighian tubule	3R:-:33497867-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_88644	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	66	4.11E-06	1	1720.882	0.74	Malpighian tubule	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_88870	ETVSDESDQMCLSK	AGAP009441-PA	M10(Oxidation), C11(Carbamidomethyl),C11(Carbamidomethyl)	99	5.36E-10	1	1628.679	0.9	Head	3R:-:33498385-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_88881	AYLPVNESFGFTADLR	AGAP009441-PA	N6(Deamidated)	111	1.13E-10	1	1799.901	2.47	Head	3R:-:33497690-33497950,33496915-33497089	exon=> In CDS Exon 5 and 4 of transcript AGAP009441-PA
JHU_Ag_89428	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	91	1.20E-08	2	1504.783	4.88	Larva	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_89582	NPADLPK	AGAP009441-PA	-	36	0.001649388	1	754.411	1.54	Malpighian tubule	3R:-:33498589-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_89768	ETVSDESDQMCLSK	AGAP009441-PA	M10(Oxidation), C11(Carbamidomethyl)	81	2.27E-08	1	1644.672	-0.32	Male reproductive organs	3R:-:33498385-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_89772	GVQYLNEIK	AGAP009441-PA	-	56	3.47E-05	1	1063.581	2.89	Ovary	3R:-:33498124-33498098	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_89802	QFAEMYSAMFK	AGAP009441-PA	M5(Oxidation), M9(Oxidation)	66	1.78E-06	1	1384.596	3.16	Ovary	3R:-:33499396-33499364	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_90020	STLTDSLVSK	AGAP009441-PA	-	34	0.00508377	2	1050.571	2.81	Larva	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_90833	GVQYLNEIK	AGAP009441-PA	-	47	0.000247687	2	1063.581	2.2	Salivary gland	3R:-:33498124-33498098	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_91217	SNTGGQAFPQCVFDHWQIFPGDPTDPSTKPYQIIQDIR	AGAP009441-PA	C11(Carbamidomethyl)	84	3.36E-08	1	4361.069	-0.74	Head	3R:-:33497088-33496975	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_91303	LMNRLWGENFFNSK	AGAP009441-PA	M2(Oxidation)	71	1.16E-06	1	1771.868	5.53	Malpighian tubule	3R:-:33499348-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_91805	DLVFITNPDQR	AGAP009441-PA	-	76	4.49E-07	2	1317.681	0.78	Salivary gland	3R:-:33499831-33499799	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_92805	KEDLYEK	AGAP009441-PA	-	42	0.000750271	1	924.469	2.13	Malpighian tubule	3R:-:33498811-33498791	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_93033	NPADLPK	AGAP009441-PA	-	43	0.000333674	1	754.410	0.73	Ovary	3R:-:33498589-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_93168	TGTISTFK	AGAP009441-PA	-	37	0.001296255	1	854.462	-0.2	Midgut	3R:-:33498682-33498659	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_93490	STLTDSLVSK	AGAP009441-PA	-	50	0.000101233	2	1050.567	-0.67	Pupa	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_94247	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	128	2.10E-12	1	2491.226	4.91	Malpighian tubule	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_94410	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation),"M4(Oxidation), N14(Deamidated)"	90	1.22E-08	1	2096.951	-2.02	Head	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_94535	NPADLPK	AGAP009441-PA	-	38	0.001200391	1	754.410	0.57	Salivary gland	3R:-:33498589-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_94606	ALLELQLDPEDLYQTFQR	AGAP009441-PA	-	63	5.09E-06	2	2192.135	5.29	Larva	3R:-:33499585-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_94880	IMGPNFTPGK	AGAP009441-PA	M2(Oxidation)	39	0.002235163	2	1077.541	1.05	Larva	3R:-:33498841-33498812	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_94926	SFVMYILDPIYK	AGAP009441-PA	M4(Oxidation)	75	4.93E-07	1	1504.779	2.36	Malpighian tubule	3R:-:33499264-33499229	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_95990	QFAEMYSAMFK	AGAP009441-PA	M5(Oxidation), M9(Oxidation)	35	0.002197783	2	1384.592	0.78	Pupa	3R:-:33499396-33499364	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_96759	EGLPDLSQYLDK	AGAP009441-PA	-	69	2.07E-06	2	1377.697	5.27	Midgut	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_97222	QFAEMYSAMFK	AGAP009441-PA	M5(Oxidation), M9(Oxidation)	70	7.16E-07	2	1384.590	-0.98	Midgut	3R:-:33499396-33499364	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_97334	VFDAIMNYKTDEIPK	AGAP009441-PA	M6(Oxidation)	62	7.58E-06	1	1799.895	3.72	Larva	3R:-:33499228-33499184	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_97488	ALLELQLDPEDLYQTFQR	AGAP009441-PA	-	118	1.98E-11	1	2192.128	2.06	Midgut	3R:-:33499585-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_97910	AVPMPDGLPDDIDNGDVNARDEFK	AGAP009441-PA	M4(Oxidation)	66	2.68E-06	1	2616.201	4.83	Ovary	3R:-:33498310-33498239	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_98607	AGIIAGAK	AGAP009441-PA	-	47	0.000178848	1	700.436	1.36	Malpighian tubule	3R:-:33500064-33500041	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_99118	EGLPDLSQYLDKL	AGAP009441-PA	-	85	5.24E-08	1	1490.780	4.07	Midgut	3R:-:33496956-33496918	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_99432	IMGPNFTPGK	AGAP009441-PA	M2(Oxidation)	43	0.000965518	2	1077.539	-0.31	Midgut	3R:-:33498841-33498812	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_99898	ETVSDESDQMCLSK	AGAP009441-PA	M10(Oxidation), C11(Carbamidomethyl)	68	4.78E-07	1	1644.671	-1.14	Pupa	3R:-:33498385-33498344	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_100162	TILMMGR	AGAP009441-PA	M4(Oxidation), M5(Oxidation)	37	0.002015215	1	853.431	4.4	Ovary	3R:-:33498778-33498758	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_101355	QFAEMYSAMFK	AGAP009441-PA	M5(Oxidation), M9(Oxidation)	67	1.44E-06	1	1384.594	1.66	Salivary gland	3R:-:33499396-33499364	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_101814	NMSVIAHVDHGKSTLTDSLVSK	AGAP009441-PA	M2(Oxidation)	126	2.57E-12	1	2339.215	5.2	Malpighian tubule	3R:-:33500130-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_101820	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation)	74	4.52E-07	1	2096.956	0.19	Midgut	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_102434	MEMLYEGPHDDEAAVAVK	AGAP009441-PA	M1(Oxidation), M3(Oxidation)	81	9.27E-08	2	2004.904	-0.32	Pupa	3R:-:33499021-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_102672	NMSVIAHVDHGK	AGAP009441-PA	M2(Oxidation)	83	7.52E-08	1	1323.649	1.33	Malpighian tubule	3R:-:33500130-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_103149	ALLELQLDPEDLYQTFQR	AGAP009441-PA	-	126	3.13E-12	1	2192.137	6.34	Salivary gland	3R:-:33499585-33499532	exon=> In CDS Exon 3 of transcript AGAP009441-PA

JHU_Ag_104220	TGTISTFK	AGAP009441-PA	-	41	0.000569758	2	854.463	1.86	Larva	3R:-:33498682-33498659	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_104457	AVPMPDGLPDDIDNGDVNAR	AGAP009441-PA	M4(Oxidation)	51	9.41E-05	1	2096.953	-1.09	Pupa	3R:-:33498310-33498251	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_104502	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	65	4.32E-06	1	1163.541	3.98	Ovary	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_104550	EDLYEKAIQR	AGAP009441-PA	-	72	1.06E-06	1	1264.658	3.67	Malpighian tubule	3R:-:33498808-33498779	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_104841	STAISMYFELDEKDLVFITNPDQR	AGAP009441-PA	M6(Oxidation)	71	1.27E-06	1	2848.385	4.88	Malpighian tubule	3R:-:33499977-33500187,33498031-33499799	exon=> In CDS Exon 3 and 2 of transcript AGAP009441-PA
JHU_Ag_104998	YRMEMLYEGPHDDEAAVAVK	AGAP009441-PA	M3(Oxidation), M5(Oxidation)	39	0.001311708	1	2356.061	0.85	Midgut	3R:-:33499027-33498968	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_105140	NMSVIAHVDHGK	AGAP009441-PA	M2(Oxidation)	85	4.97E-08	2	1323.654	4.65	Larva	3R:-:33500130-33500095	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_105165	VMKFSVSPVVR	AGAP009441-PA	M2(Oxidation)	64	1.79E-06	1	1264.714	4.17	Malpighian tubule	3R:-:33498640-33498608	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_105563	KIWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C4(Carbamidomethyl), C18(Carbamidomethyl)	130	1.69E-12	1	2264.093	4.03	Malpighian tubule	3R:-:33498184-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_106144	VAVEPKNPADLPK	AGAP009441-PA	-	71	4.77E-07	1	1377.777	2.1	Malpighian tubule	3R:-:33498607-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_106201	TGTISTFKDAHNMK	AGAP009441-PA	-	70	1.63E-06	1	1550.764	0.79	Ovary	3R:-:33498682-33498641	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_106400	KEDLYEK	AGAP009441-PA	-	53	5.21E-05	2	924.469	1.46	Salivary gland	3R:-:33498811-33498791	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_106477	EGLPDLSQYLDKL	AGAP009441-PA	-	73	7.23E-07	1	1490.780	4.24	Head	3R:-:33496956-33496918	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_106736	TWLPAGEALLQMIAIHLPSPVVAQK	AGAP009441-PA	M12(Oxidation)	76	5.28E-08	1	2683.502	0.47	Midgut	3R:-:33499102-33499028	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_107072	SNTGGQAFPQCVFDHWQIFPGDPTDPSTKPYQIIQDIRK	AGAP009441-PA	C11(Carbamidomethyl)	94	4.07E-09	1	4489.177	2.2	Malpighian tubule	3R:-:33497088-33496972	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_107092	LWGENFFNSK	AGAP009441-PA	-	60	1.39E-05	1	1241.599	2.86	Visceras	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_107626	DSVVAGFQWASK	AGAP009441-PA	-	98	2.29E-09	1	1294.647	3.16	Salivary gland	3R:-:33498097-33498062	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_108397	RGHVFEDSQVAGTPMFVVK	AGAP009441-PA	M15(Oxidation)	91	1.34E-08	1	2120.068	3.88	Malpighian tubule	3R:-:33497747-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_108459	GSVGFGSGLHGWAFTLK	AGAP009441-PA	-	125	4.54E-12	1	1720.886	2.84	Pupa	3R:-:33499447-33499397	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_108693	VTDGALVVVDCVSGVCVQTETVLR	AGAP009441-PA	C11(Carbamidomethyl), C16(Carbamidomethyl)	82	6.88E-08	2	2576.328	8.42	Malpighian tubule	3R:-:33499711-33499640	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_108928	SDPVVSYR	AGAP009441-PA	-	55	5.37E-05	1	922.465	2.36	Salivary gland	3R:-:33498409-33498386	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_109275	NPADLPK	AGAP009441-PA	-	37	0.001031823	1	754.409	-0.24	Male reproductive organs	3R:-:33498589-33498569	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_109740	IKPVLFMNK	AGAP009441-PA	-	52	1.66E-05	1	1089.648	-0.65	Midgut	3R:-:33499621-33499595	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_109883	YLSEKYDYDVTEAR	AGAP009441-PA	-	107	3.35E-10	1	1751.815	1.81	Head	3R:-:33498226-33498185	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_110484	GHVFEDSQVAGTPMFVVK	AGAP009441-PA	M14(Oxidation)	134	6.37E-13	2	1947.962	-0.68	Midgut	3R:-:33497744-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_111186	GLKEGLPDLSQYLDK	AGAP009441-PA	-	35	0.003224213	1	1675.898	4.68	Malpighian tubule	3R:-:33496965-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA

JHU_Ag_111585	STAISMYFELDEK	AGAP009441-PA	M6(Oxidation)	59	1.62E-05	2	1549.712	2.15	Larva	3R:-:33499977-33500187,33498031-33499832	exon=> In CDS Exon 3 and 2 of transcript AGAP009441-PA
JHU_Ag_111776	TDEIPKLLEK	AGAP009441-PA	-	34	0.003267702	1	1185.672	-0.52	Ovary	3R:-:33499201-33499172	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_111991	LWGENFFNSK	AGAP009441-PA	-	63	6.00E-06	1	1241.598	2.18	Ovary	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_112216	EGVLAEENMR	AGAP009441-PA	M9(Oxidation)	37	0.002837434	1	1163.536	0.2	Pupa	3R:-:33498061-33498032	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_112762	VLYASYITASPR	AGAP009441-PA	-	69	1.20E-06	2	1340.734	9.53	Larva	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_112877	IVENVNVIIATYNDDGGPMGEVR	AGAP009441-PA	M19(Oxidation)	85	4.38E-08	1	2491.219	2.26	Male reproductive organs	3R:-:33499531-33499463	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_113037	LWGENFFNSK	AGAP009441-PA	-	62	7.42E-06	2	1241.600	3.85	Malpighian tubule	3R:-:33499336-33499307	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_113585	RGHVFEDSQVAGTPMFVVK	AGAP009441-PA	M15(Oxidation)	68	2.71E-06	1	2120.059	-0.04	Ovary	3R:-:33497747-33497691	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_113666	STLTDSLVSK	AGAP009441-PA	-	38	0.001935167	1	1050.568	-0.02	Head	3R:-:33500094-33500065	exon=> In CDS Exon 2 of transcript AGAP009441-PA
JHU_Ag_114545	VFDAIMNYKTDEIPK	AGAP009441-PA	M6(Oxidation)	89	1.82E-08	1	1799.889	0.19	Male reproductive organs	3R:-:33499228-33499184	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_115104	EGLPDLSQYLDK	AGAP009441-PA	-	48	0.00028785	1	1377.696	4.91	Malpighian tubule	3R:-:33496956-33496921	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_116069	DSVVAGFQWASK	AGAP009441-PA	-	75	4.81E-07	1	1294.638	-3.35	Head	3R:-:33498097-33498062	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_116075	DLEEDHACIPLK	AGAP009441-PA	C8(Carbamidomethyl)	86	3.31E-08	1	1439.684	0.55	Salivary gland	3R:-:33498448-33498413	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_116512	VFDAIMNYKTDEIPK	AGAP009441-PA	M6(Oxidation)	57	2.88E-05	2	1799.891	1.55	Pupa	3R:-:33499228-33499184	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_116653	SNTGGQAFPQCVFDHWQIFPGDPTDPSTKPYQIIQDIR	AGAP009441-PA	C11(Carbamidomethyl)	77	1.76E-07	1	4361.097	5.64	Malpighian tubule	3R:-:33497088-33496975	exon=> In CDS Exon 5 of transcript AGAP009441-PA
JHU_Ag_116734	TWLPAGEALLQMIAIHLPSPVVAQK	AGAP009441-PA	M12(Oxidation)	50	1.97E-05	3	2699.517	7.83	Larva	3R:-:33499102-33499028	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_116843	MVPTSDKGR	AGAP009441-PA	-	48	0.000254993	2	990.506	2.18	Malpighian tubule	3R:-:33498925-33498899	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_117316	IWCFGPDGTGPNIVVDCTK	AGAP009441-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	126	3.73E-12	1	2135.984	-2.48	Head	3R:-:33498181-33498125	exon=> In CDS Exon 3 of transcript AGAP009441-PA
JHU_Ag_117414	IMEPVYLCEIQCPEAAVGGIYGVLNR	AGAP009441-PA	M2(Oxidation), C8(Carbamidomethyl), C12(Carbamidomethyl)	188	2.31E-18	1	2967.449	2.59	Salivary gland	3R:-:33497828-33497751	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_117545	VLYASYITASPR	AGAP009441-PA	-	98	1.52E-09	2	1340.724	1.97	Male reproductive organs	3R:-:33497864-33497829	exon=> In CDS Exon 4 of transcript AGAP009441-PA
JHU_Ag_452	VAVEPK	AGAP009441-PA,AGAP003001-PA	-	37	0.00052462	1	642.383	0.57	Ovary	3R:-:33498607-33498590;2R:-:30973881-30973864	exon=> In CDS Exon 3 of transcript AGAP009441-PA;exon=> In CDS Exon 1 of transcript AGAP003001-PA
JHU_Ag_5245	NSAEPWTQR	AGAP009443-PA	-	36	0.001819155	2	1088.510	-1.78	Head	3R:+:33527801-33527827	exon=> In CDS Exon 1 of transcript AGAP009443-PA
JHU_Ag_15730	QVLTADTLLDLVR	AGAP009443-PA	-	81	3.43E-08	2	1456.843	4.13	Midgut	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_19359	QVLTADTLLDLVR	AGAP009443-PA	-	82	3.10E-08	2	1456.845	5.14	Pupa	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA

JHU_Ag_20881	QVLTADTLLDLVR	AGAP009443-PA	-	97	8.17E-10	2	1456.841	2.88	Malpighian tubule	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_21827	MSQVLATAFGTGSSSATMPITIR	AGAP009443-PA	M1(Oxidation), M18(Oxidation)	39	0.002082164	3	2359.172	3.69	Larva	3R:+:33529603-33529671	exon=> In CDS Exon 5 of transcript AGAP009443-PA
JHU_Ag_27899	EVMYIQYPGDLFLR	AGAP009443-PA	M3(Oxidation)	41	0.001441415	2	1759.882	5.58	Larva	3R:+:33527828-33527868,33527966-33527966	exon=> In CDS Exon 1 and 2 of transcript AGAP009443-PA
JHU_Ag_39297	CLDNMGIDPR	AGAP009443-PA	C1(Carbamidomethyl), M5(Oxidation)	31	0.004806419	2	1206.524	-0.02	Head	3R:+:33529672-33529701	exon=> In CDS Exon 5 of transcript AGAP009443-PA
JHU_Ag_56758	EVMYIQYPGDLFLR	AGAP009443-PA	M3(Oxidation)	61	1.34E-05	1	1759.876	1.76	Midgut	3R:+:33527828-33527868,33527966-33527966	exon=> In CDS Exon 1 and 2 of transcript AGAP009443-PA
JHU_Ag_67034	EVMYIQYPGDLFLR	AGAP009443-PA	M3(Oxidation)	84	5.91E-08	1	1743.885	4.11	Head	3R:+:33527828-33527868,33527966-33527966	exon=> In CDS Exon 1 and 2 of transcript AGAP009443-PA
JHU_Ag_69173	QVLTADTLLDLVR	AGAP009443-PA	-	78	7.04E-08	2	1456.845	5.31	Larva	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_73724	QVLTADTLLDLVR	AGAP009443-PA	Q1(Deamidated)	99	5.69E-10	2	1456.840	1.7	Head	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_74569	SNSYATAGARPTSR	AGAP009443-PA	-	54	6.27E-05	1	1438.704	0.53	Malpighian tubule	3R:+:33527672-33527713	exon=> In CDS Exon 1 of transcript AGAP009443-PA
JHU_Ag_85472	QVLTADTLLDLVR	AGAP009443-PA	-	55	1.53E-05	2	1456.837	0.28	Ovary	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_92416	QVLTADTLLDLVR	AGAP009443-PA	-	97	9.40E-10	2	1456.836	-0.39	Salivary gland	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_93882	SNSYATAGARPTSR	AGAP009443-PA	N-Term(Acetyl)	47	0.000262165	1	1480.714	0.23	Head	3R:+:33527672-33527713	exon=> In CDS Exon 1 of transcript AGAP009443-PA
JHU_Ag_94867	MSQVLATAFGTGSSSATMPITIR	AGAP009443-PA	M1(Oxidation),"M1(Oxidation), M18(Oxidation)"	114	6.94E-11	2	2359.160	-1.43	Head	3R:+:33529603-33529671	exon=> In CDS Exon 5 of transcript AGAP009443-PA
JHU_Ag_101217	IAFPYIAK	AGAP009443-PA	-	30	0.004821654	1	922.542	2.14	Larva	3R:+:33529579-33529602	exon=> In CDS Exon 5 of transcript AGAP009443-PA
JHU_Ag_102820	EVMYIQYPGDLFLR	AGAP009443-PA	M3(Oxidation)	43	0.000725125	1	1759.874	0.93	Salivary gland	3R:+:33527828-33527868,33527966-33527966	exon=> In CDS Exon 1 and 2 of transcript AGAP009443-PA
JHU_Ag_111245	QVLTADTLLDLVR	AGAP009443-PA	-	63	2.34E-06	2	1456.837	0.28	Male reproductive organs	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_112023	QVLTADTLLDLVR	AGAP009443-PA	-	85	1.39E-08	2	1456.842	3.3	Visceras	3R:+:33528186-33528223,33528302-33528302	exon=> In CDS Exon 2 and 3 of transcript AGAP009443-PA
JHU_Ag_3910	QADGEAVEELNGFEK	AGAP009444-PA	-	68	2.01E-06	1	1635.749	-0.2	Head	3R:-:33533209-33533165	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_5240	QADGEAVEELNGFEK	AGAP009444-PA	-	66	3.20E-06	2	1635.748	-0.8	Malpighian tubule	3R:-:33533209-33533165	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_17363	HCPQLVIDFYEER	AGAP009444-PA	C2(Carbamidomethyl)	67	2.87E-06	1	1705.804	2.43	Ovary	3R:-:33533047-33533009	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_20746	GYDSGSNSWEPR	AGAP009444-PA	-	61	4.04E-06	2	1354.565	-0.39	Salivary gland	3R:-:33533473-33533438	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_22265	ENLDCPELIK	AGAP009444-PA	C5(Carbamidomethyl)	58	1.73E-05	1	1230.604	0.73	Ovary	3R:-:33533437-33533408	exon=> In CDS Exon 1 of transcript AGAP009444-PA

JHU_Ag_27467	GKVEYLLK	AGAP009444-PA	-	43	0.000116258	1	949.571	-1.12	Ovary	3R:-:33533503-33533480	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_30905	ILGATEGDNELLFLIQWK	AGAP009444-PA	-	156	2.24E-15	1	2060.106	-0.06	Ovary	3R:-:33533146-33533093	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_38073	GKVEYLLK	AGAP009444-PA	-	36	0.000433631	1	949.573	1.13	Malpighian tubule	3R:-:33533503-33533480	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_38546	LIWQTVDQSQVD	AGAP009444-PA	-	48	0.000284671	2	1431.713	1.27	Salivary gland	3R:-:33533008-33532973	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_39183	GYDSGSNSWEPR	AGAP009444-PA	-	68	8.86E-07	1	1354.567	0.6	Ovary	3R:-:33533473-33533438	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_47506	VEYLLK	AGAP009444-PA	-	30	0.001397435	2	764.454	-1.89	Head	3R:-:33533497-33533480	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_51093	VEYLLK	AGAP009444-PA	-	43	0.000131779	1	764.455	-0.06	Ovary	3R:-:33533497-33533480	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_51449	VEYLLK	AGAP009444-PA	-	32	0.001005383	2	764.455	-0.94	Malpighian tubule	3R:-:33533497-33533480	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_59846	GKVEYLLK	AGAP009444-PA	-	37	0.000350849	2	949.574	2.35	Salivary gland	3R:-:33533503-33533480	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_64912	HCPQLVIDFYEER	AGAP009444-PA	C2(Carbamidomethyl)	62	7.91E-06	3	1705.801	0.18	Head	3R:-:33533047-33533009	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_72297	LIWQTVDQSQVD	AGAP009444-PA	-	55	5.56E-05	2	1431.712	0.07	Male reproductive organs	3R:-:33533008-33532973	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_74060	HCPQLVIDFYEER	AGAP009444-PA	C2(Carbamidomethyl)	47	0.000274224	1	1705.802	1.23	Malpighian tubule	3R:-:33533047-33533009	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_91824	QADGEAVEELNGFEK	AGAP009444-PA	N11(Deamidated)	130	1.07E-12	1	1635.750	0.32	Ovary	3R:-:33533209-33533165	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_98356	QADGEAVEELNGFEK	AGAP009444-PA	-	52	7.09E-05	2	1635.753	2.04	Salivary gland	3R:-:33533209-33533165	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_103537	KHCPQLVIDFYEER	AGAP009444-PA	C3(Carbamidomethyl)	113	9.81E-11	1	1833.898	1.23	Ovary	3R:-:33533050-33533009	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_107213	GKVEYLLK	AGAP009444-PA	-	43	0.000101724	1	949.571	-1.19	Male reproductive organs	3R:-:33533503-33533480	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_114380	LIWQTVDQSQVD	AGAP009444-PA	-	71	1.40E-06	1	1431.713	0.84	Ovary	3R:-:33533008-33532973	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_116454	ENLDCPELIK	AGAP009444-PA	C5(Carbamidomethyl)	45	0.000325691	1	1230.604	0.03	Male reproductive organs	3R:-:33533437-33533408	exon=> In CDS Exon 1 of transcript AGAP009444-PA
JHU_Ag_4312	IVSDNFDLRPGK	AGAP009447-PA	-	43	0.000704452	2	1360.730	5.62	Larva	3R:+:33550654-33550689	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_5328	ITLEELR	AGAP009447-PA	-	43	0.000792668	2	873.506	2.05	Salivary gland	3R:+:33550249-33550269	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_8878	ITLEELR	AGAP009447-PA	-	36	0.004520512	2	873.503	-1.02	Head	3R:+:33550249-33550269	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_20245	IVSDNFDLRPGK	AGAP009447-PA	-	39	0.001909202	1	1360.723	0.52	Midgut	3R:+:33550654-33550689	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_21207	TSTYGHFGRPGFPWEEPK	AGAP009447-PA	-	48	0.000253614	1	2092.994	3.21	Salivary gland	3R:+:33550732-33550785	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_23954	TPFYQR	AGAP009447-PA	-	39	0.001480219	2	811.409	-1.07	Head	3R:+:33550714-33550731	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_26160	YFDANTIVHINPCGLFIIGGPQGDAGLTGR	AGAP009447-PA	C13(Carbamidomethyl)	92	7.93E-09	1	3173.601	5.47	Visceras	3R:+:33550315-33550404	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_29252	YFDANTIVHINPCGLFIIGGPQGDAGLTGR	AGAP009447-PA	C13(Carbamidomethyl)	33	0.006038139	1	3173.592	2.58	Head	3R:+:33550315-33550404	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_29942	IVSDNFDLRPGK	AGAP009447-PA	-	39	0.00193131	1	1360.721	-1.03	Salivary gland	3R:+:33550654-33550689	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_37539	VHTVVVSLQHSDK	AGAP009447-PA	-	86	2.22E-08	1	1448.785	-0.25	Head	3R:+:33550210-33550248	exon=> In CDS Exon 5 of transcript AGAP009447-PA

JHU_Ag_38123	YNQQELLK	AGAP009447-PA	-	51	0.000107751	1	1035.549	1.61	Ovary	3R:+:33550630-33550653	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_42695	TSTYGHFGRPGFPWEEPK	AGAP009447-PA	-	84	6.24E-08	1	2092.997	4.35	Ovary	3R:+:33550732-33550785	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_48942	AVIDYQR	AGAP009447-PA	-	46	0.000367997	1	864.457	-0.96	Malpighian tubule	3R:+:33546405-33546425	exon=> In CDS Exon 3 of transcript AGAP009447-PA
JHU_Ag_51522	TGMILLCGEITSK	AGAP009447-PA	M3(Oxidation), C7(Carbamidomethyl)	55	5.12E-05	2	1438.728	0.24	Malpighian tubule	3R:+:33546366-33546404	exon=> In CDS Exon 3 of transcript AGAP009447-PA
JHU_Ag_53634	MCDQISDAILDAHLQQDPNAK	AGAP009447-PA	M1(Oxidation), C2(Carbamidomethyl)	53	7.17E-05	1	2399.106	3.75	Head	3R:+:33546193-33546255	exon=> In CDS Exon 2 of transcript AGAP009447-PA
JHU_Ag_57509	IVSDNFDLRPGKIVK	AGAP009447-PA	-	32	0.002209543	1	1700.972	1.25	Malpighian tubule	3R:+:33550654-33550698	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_58773	SGDFWWARPDSK	AGAP009447-PA	-	46	0.000331085	2	1451.675	3.13	Salivary gland	3R:+:33550120-33550155	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_65622	YFDANTIVHINPCGLFIIGGPQGDAGLTGR	AGAP009447-PA	C13(Carbamidomethyl)	140	1.17E-13	1	3173.587	0.85	Ovary	3R:+:33550315-33550404	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_66812	DLNLRTPFYQR	AGAP009447-PA	-	33	0.005588895	1	1422.752	2.32	Malpighian tubule	3R:+:33550699-33550731	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_68298	TSTYGHFGRPGFPWEEPK	AGAP009447-PA	-	50	0.00014972	1	2092.987	-0.29	Visceras	3R:+:33550732-33550785	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_69615	CLVQVAYAIGLAEPLSITVFHYGTSK	AGAP009447-PA	C1(Carbamidomethyl)	115	2.13E-11	1	2837.496	1.82	Ovary	3R:+:33550552-33550629	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_73046	IVSDNFDLRPGK	AGAP009447-PA	-	75	4.72E-07	1	1360.724	1.5	Head	3R:+:33550654-33550689	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_76915	TQVTAEYVFESGACIPQR	AGAP009447-PA	C14(Carbamidomethyl)	50	0.000145636	2	2055.985	2.03	Ovary	3R:+:33550156-33550209	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_78530	SGDFWWARPDSK	AGAP009447-PA	-	80	1.37E-07	1	1451.676	3.63	Malpighian tubule	3R:+:33550120-33550155	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_79539	TSTYGHFGRPGFPWEEPKELVIE	AGAP009447-PA	-	81	1.03E-07	1	2676.322	4.87	Malpighian tubule	3R:+:33550732-33550800	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_87013	TSTYGHFGRPGFPWEEPKELVIE	AGAP009447-PA	-	76	3.82E-07	1	2676.318	3.23	Ovary	3R:+:33550732-33550800	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_89584	SGDFWWARPDSK	AGAP009447-PA	-	74	5.89E-07	1	1451.677	4.31	Ovary	3R:+:33550120-33550155	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_94349	IVSDNFDLRPGK	AGAP009447-PA	-	68	2.05E-06	1	1360.724	1.68	Malpighian tubule	3R:+:33550654-33550689	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_97900	SGDFWWARPDSK	AGAP009447-PA	-	64	4.87E-06	1	1451.667	-2.25	Pupa	3R:+:33550120-33550155	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_98774	YFDANTIVHINPCGLFIIGGPQGDAGLTGRK	AGAP009447-PA	C13(Carbamidomethyl)	135	2.13E-13	1	3301.695	5.05	Malpighian tubule	3R:+:33550315-33550407	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_105861	TSTYGHFGRPGFPWEEPK	AGAP009447-PA	-	69	1.90E-06	1	2092.987	-0.2	Head	3R:+:33550732-33550785	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_107301	AVIDYQR	AGAP009447-PA	-	50	0.000153054	2	864.459	1.72	Ovary	3R:+:33546405-33546425	exon=> In CDS Exon 3 of transcript AGAP009447-PA
JHU_Ag_108976	TSTYGHFGRPGFPWEEPK	AGAP009447-PA	-	40	0.001580267	1	2092.991	1.38	Male reproductive organs	3R:+:33550732-33550785	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_111890	IVSDNFDLRPGK	AGAP009447-PA	-	53	6.73E-05	1	1360.726	2.66	Ovary	3R:+:33550654-33550689	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_112532	VHTVVVSLQHSDK	AGAP009447-PA	-	56	2.18E-05	1	1448.791	3.65	Larva	3R:+:33550210-33550248	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_113644	TSTYGHFGRPGFPWEEPK	AGAP009447-PA	-	53	7.24E-05	1	2092.989	0.85	Malpighian tubule	3R:+:33550732-33550785	exon=> In CDS Exon 5 of transcript AGAP009447-PA
JHU_Ag_61370	LLFDLILR	AGAP009449-PA,AGAP009448-PA	-	39	0.000109962	1	1002.638	3.78	Ovary	3R:+:33562592-33562615;3R:+:33559435-33559458	exon=> In CDS Exon 1 of transcript AGAP009449-PA;exon=> In CDS Exon 1 of transcript AGAP009448-PA

JHU_Ag_1017	VLSPTGLFYLLLLK	AGAP009458-PA	-	70	2.69E-08	1	1576.975	2.18	Ovary	3R:-:33813523-33813482	exon=> In CDS Exon 1 of transcript AGAP009458-PA
JHU_Ag_64538	APEVLLGSLR	AGAP009459-PA	-	66	8.17E-07	2	1054.628	1.92	Male reproductive organs	3R:+:33815247-33815276	exon=> In CDS Exon 2 of transcript AGAP009459-PA
JHU_Ag_70216	IGEGTYGVVYK	AGAP009459-PA,AGAP004579-PA	-	62	6.31E-06	2	1185.615	0.19	Male reproductive organs	3R:+:33814685-33814717;2R:-:57949423-57949391	exon=> In CDS Exon 1 of transcript AGAP009459-PA;exon=> In CDS Exon 1 of transcript AGAP004579-PA
JHU_Ag_2688	LSRPFQNVTHAK	AGAP009461-PA	-	36	0.001735764	1	1397.768	2.59	Head	3R:-:33871594-33871559	exon=> In CDS Exon 2 of transcript AGAP009461-PA
JHU_Ag_51509	NIIGLLNAFTPQR	AGAP009461-PA	-	58	1.04E-05	2	1456.832	3.05	Head	3R:-:33871513-33871640,33871215-33871377	exon=> In CDS Exon 3 and 2 of transcript AGAP009461-PA
JHU_Ag_77760	HAFYTVEVGDTK	AGAP009461-PA	-	83	6.82E-08	1	1366.661	-2.1	Head	3R:-:33876659-33876624	exon=> In CDS Exon 1 of transcript AGAP009461-PA
JHU_Ag_80735	HLHSAGIIHR	AGAP009461-PA	-	65	2.14E-06	1	1140.641	2.28	Head	3R:-:33871244-33871215	exon=> In CDS Exon 3 of transcript AGAP009461-PA
JHU_Ag_98554	NIIGLLNAFTPQR	AGAP009461-PA	-	53	3.11E-05	2	1456.831	2.97	Ovary	3R:-:33871513-33871640,33871215-33871377	exon=> In CDS Exon 3 and 2 of transcript AGAP009461-PA
JHU_Ag_49440	NNTANAVSNHELRPFQNLPAR	AGAP009463-PA	-	41	0.001101396	1	2363.203	2.83	Head	3R:+:33944333-33944395	exon=> In CDS Exon 1 of transcript AGAP009463-PA
JHU_Ag_52917	DATLTHLR	AGAP009463-PA	-	41	0.000648356	1	926.495	-11.42	Head	3R:+:33949390-33949413	exon=> In CDS Exon 5 of transcript AGAP009463-PA
JHU_Ag_4669	LNDSLVEK	AGAP009466-PA,AGAP009465-PA	N2(Deamidated)	47	0.000429527	2	918.478	-0.4	Midgut	3R:+:33998052-33998075;3R:+:33999162-33999185	exon=> In CDS Exon 2 of transcript AGAP009466-PA;exon=> In CDS Exon 2 of transcript AGAP009465-PA
JHU_Ag_67819	EDKLLLK	AGAP009472-PA	-	37	0.001485884	1	858.541	13.28	Malpighian tubule	3R:+:34021806-34021826	exon=> In CDS Exon 1 of transcript AGAP009472-PA
JHU_Ag_71111	EDKLLLK	AGAP009472-PA	-	42	0.000486769	1	858.531	1.35	Ovary	3R:+:34021806-34021826	exon=> In CDS Exon 1 of transcript AGAP009472-PA
JHU_Ag_11369	ESNSDASDDAEYIVVPLSHHRPTYYNR	AGAP009473-PB,AGAP009473-PA	-	127	2.33E-12	1	3135.441	0.18	Salivary gland	3R:+:34035087-34035167;3R:+:34035087-34035167	exon=> In CDS Exon 1 of transcript AGAP009473-PB;exon=> In CDS Exon 2 of transcript AGAP009473-PA
JHU_Ag_12715	KTEFGTSIFK	AGAP009473-PB,AGAP009473-PA	-	66	3.05E-06	1	1157.621	0.43	Salivary gland	3R:+:34035627-34035656;3R:+:34035627-34035656	exon=> In CDS Exon 3 of transcript AGAP009473-PB;exon=> In CDS Exon 4 of transcript AGAP009473-PA
JHU_Ag_57059	TTVDDDNLNTIDTSNVDIDEAK	AGAP009473-PB,AGAP009473-PA	-	107	2.58E-10	1	2408.098	1.2	Head	3R:+:34035846-34035911;3R:+:34035846-34035911	exon=> In CDS Exon 3 of transcript AGAP009473-PB;exon=> In CDS Exon 4 of transcript AGAP009473-PA
JHU_Ag_62333	APTDVEVGNRNGDDGAESDK	AGAP009473-PB,AGAP009473-PA	N9(Deamidated),N11(Deamidated)	35	0.002341451	1	2046.897	5.89	Head	3R:+:34035717-34035776;3R:+:34035717-34035776	exon=> In CDS Exon 3 of transcript AGAP009473-PB;exon=> In CDS Exon 4 of transcript AGAP009473-PA
JHU_Ag_77115	KTEFGTSIFK	AGAP009473-PB,AGAP009473-PA	-	60	1.28E-05	1	1157.621	0.71	Head	3R:+:34035627-34035656;3R:+:34035627-34035656	exon=> In CDS Exon 3 of transcript AGAP009473-PB;exon=> In CDS Exon 4 of transcript AGAP009473-PA
JHU_Ag_10381	VHQINVLR	AGAP009474-PA	-	29	0.004323337	1	978.585	0.66	Ovary	3R:+:34220913-34220936	exon=> In CDS Exon 2 of transcript AGAP009474-PA
JHU_Ag_32819	SMDEQQLKEMFEEFGR	AGAP009474-PA	M2(Oxidation),"M2(Oxidation), M10(Oxidation)"	70	7.01E-07	1	2035.875	0.45	Ovary	3R:+:34220865-34220912	exon=> In CDS Exon 2 of transcript AGAP009474-PA
JHU_Ag_40906	MFVGQVPR	AGAP009474-PA	M1(Oxidation)	50	0.000125191	2	949.493	1.05	Ovary	3R:+:34220841-34220864	exon=> In CDS Exon 2 of transcript AGAP009474-PA
JHU_Ag_23660	AQDALHNIK	AGAP009475-PA	-	53	4.97E-05	1	1009.542	-0.34	Ovary	3R:+:34252041-34252067	exon=> In CDS Exon 1 of transcript AGAP009475-PA

JHU_Ag_33289	TMEGCSAPLVVK	AGAP009477-PA	M2(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	62	9.88E-06	1	1291.635	-2.51	Ovary	3R:+:34360045-34360080	exon=> In CDS Exon 2 of transcript AGAP009477-PA
JHU_Ag_60108	FADTQKEK	AGAP009477-PA	-	45	0.000507097	2	966.490	1.38	Ovary	3R:+:34360081-34360104	exon=> In CDS Exon 2 of transcript AGAP009477-PA
JHU_Ag_61750	VFIDKQTNLSK	AGAP009477-PA	-	61	6.50E-06	2	1292.721	0.24	Ovary	3R:+:34366853-34366885	exon=> In CDS Exon 5 of transcript AGAP009477-PA
JHU_Ag_80628	GCAFVTFATK	AGAP009477-PA	C2(Carbamidomethyl)	40	0.0010576	2	1101.542	1.59	Ovary	3R:+:34352659-34352688	exon=> In CDS Exon 1 of transcript AGAP009477-PA
JHU_Ag_1170	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	44	0.00065363	1	1662.795	2.84	Larva	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_1875	IILAVFR	AGAP009486-PA	-	41	2.29E-05	2	831.545	0.39	Visceras	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_2827	NLIEKPEDAQVAK	AGAP009486-PA	-	52	4.76E-05	1	1454.790	3.24	Larva	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_3307	NLIEKPEDAQVAK	AGAP009486-PA	-	95	3.20E-09	1	1454.785	0.13	Malpighian tubule	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_5918	NLIEKPEDAQVAK	AGAP009486-PA	-	81	7.54E-08	1	1454.785	-0.12	Head	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_6104	TLLNMLSHVSK	AGAP009486-PA	M5(Oxidation)	78	1.80E-07	1	1242.690	1.99	Malpighian tubule	3R:+:34693923-34693955	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_6244	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	-	128	2.67E-12	2	2173.032	1.11	Visceras	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_6254	VQIFHDYANK	AGAP009486-PA	-	51	0.000130309	1	1234.621	-0.81	Malpighian tubule	3R:+:34694019-34694048	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_7309	LNEKQYELLR	AGAP009486-PA	-	67	2.08E-06	1	1305.716	0.24	Malpighian tubule	3R:+:34696105-34696134	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_7637	QDGFIVNMASR	AGAP009486-PA	M8(Oxidation)	55	4.33E-05	2	1237.599	-0.03	Midgut	3R:+:34694094-34694126	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_9326	IILAVFR	AGAP009486-PA	-	37	5.94E-05	2	831.546	0.98	Pupa	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_9384	YEALLAVQK	AGAP009486-PA	-	63	3.96E-06	1	1034.587	-0.88	Malpighian tubule	3R:+:34696375-34696401	exon=> In CDS Exon 6 of transcript AGAP009486-PA
JHU_Ag_10225	LACWGQEQMPK	AGAP009486-PA	C3(Carbamidomethyl), M9(Oxidation)	76	2.48E-07	1	1363.613	-0.05	Male reproductive organs	3R:+:34694139-34694171	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_11739	IILAVFR	AGAP009486-PA	-	44	1.16E-05	2	831.545	-0.12	Malpighian tubule	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_13378	RFDDEDITGDVEFLTEK	AGAP009486-PA	-	111	1.30E-10	1	2028.940	0.35	Visceras	3R:+:34695931-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_20976	FNVIPILADILSDCAK	AGAP009486-PA	C14(Carbamidomethyl)	75	3.20E-07	2	1788.964	4.06	Ovary	3R:+:34695745-34695792	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_21244	EISSAIDDPQR	AGAP009486-PA	-	63	5.29E-06	1	1230.597	0.68	Malpighian tubule	3R:+:34694958-34694990	exon=> In CDS Exon 3 of transcript AGAP009486-PA
JHU_Ag_21892	FDDEDITGDVEFLTEK	AGAP009486-PA	-	122	6.43E-12	1	1872.843	2.17	Malpighian tubule	3R:+:34695934-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_22458	DPLVLSVASYDIGEYVR	AGAP009486-PA	-	129	1.71E-12	2	1895.985	5.36	Malpighian tubule	3R:+:34696165-34696215	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_22579	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	-	156	3.58E-15	2	2173.037	3.47	Salivary gland	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_22911	ATQGNAPISGK	AGAP009486-PA	-	40	0.0013770303	1	1043.548	-0.03	Salivary gland	3R:+:34696548-34696580	exon=> In CDS Exon 7 of transcript AGAP009486-PA
JHU_Ag_23257	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	-	138	2.46E-13	1	2173.030	0.21	Head	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_26778	VQIFHDYANK	AGAP009486-PA	-	54	6.58E-05	1	1234.618	-3.08	Head	3R:+:34694019-34694048	exon=> In CDS Exon 2 of transcript AGAP009486-PA

JHU_Ag_29257	QLVMQLLAHEDPNVR	AGAP009486-PA	M4(Oxidation)	97	2.37E-09	1	1762.928	0.74	Malpighian tubule	3R:+:34696330-34696374	exon=> In CDS Exon 6 of transcript AGAP009486-PA
JHU_Ag_31227	KAQAAYLQENAPQCAK	AGAP009486-PA	C14(Carbamidomethyl)	135	5.63E-13	1	1790.885	-0.02	Malpighian tubule	3R:+:34693875-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_31230	RFDDEDITGDVEFLTEK	AGAP009486-PA	-	100	1.53E-09	1	2028.942	1.22	Salivary gland	3R:+:34695931-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_31368	ILVHLLETSKDPLVLSVASYDIGEYVR	AGAP009486-PA	-	85	1.13E-08	1	3029.656	-0.07	Visceras	3R:+:34696135-34696215	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_32777	FDDEDITGDVEFLTEK	AGAP009486-PA	-	72	7.37E-07	2	1872.846	4.12	Salivary gland	3R:+:34695934-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_32945	ILVHLLETSK	AGAP009486-PA	-	61	1.67E-06	1	1152.701	1.63	Malpighian tubule	3R:+:34696135-34696164	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_33424	EISSAIDDPQR	AGAP009486-PA	-	58	2.04E-05	2	1230.604	6.04	Salivary gland	3R:+:34694958-34694990	exon=> In CDS Exon 3 of transcript AGAP009486-PA
JHU_Ag_33441	DPLVLSVASYDIGEYVR	AGAP009486-PA	-	71	1.21E-06	2	1895.977	0.98	Head	3R:+:34696165-34696215	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_34027	LMVHNWEYLGK	AGAP009486-PA	-	37	0.003231618	1	1389.699	0.73	Salivary gland	3R:+:34696402-34696418,34696508-34696523	exon=> In CDS Exon 6 and 7 of transcript AGAP009486-PA
JHU_Ag_35160	QYELLR	AGAP009486-PA	-	39	0.002011576	2	821.451	-0.32	Pupa	3R:+:34696117-34696134	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_35333	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	N3(Deamidated)	162	1.01E-15	1	2173.037	3.47	Malpighian tubule	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_35521	KESVWAPFLNLLNR	AGAP009486-PA	-	73	3.84E-07	1	1686.940	4.47	Malpighian tubule	3R:+:34694052-34694093	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_35743	QDGFIVNMASR	AGAP009486-PA	M8(Oxidation)	72	9.96E-07	2	1253.594	0.03	Malpighian tubule	3R:+:34694094-34694126	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_37093	IILAVFR	AGAP009486-PA	-	41	2.33E-05	2	831.545	0.32	Salivary gland	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_39140	NLIEKPEDAQVAK	AGAP009486-PA	-	49	0.000105799	1	1454.784	-0.71	Pupa	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_39929	RFDDEDITGDVEFLTEK	AGAP009486-PA	-	131	1.29E-12	1	2028.939	-0.25	Head	3R:+:34695931-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_40186	LEWSPVHK	AGAP009486-PA	-	43	0.000458145	2	995.531	0.06	Midgut	3R:+:34696048-34696071	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_45705	ATQGNAPISGKA	AGAP009486-PA	-	79	1.46E-07	2	1114.585	0.07	Malpighian tubule	3R:+:34696548-34696583	exon=> In CDS Exon 7 of transcript AGAP009486-PA
JHU_Ag_45879	ILVHLLETSKDPLVLSVASYDIGEYVR	AGAP009486-PA	-	70	3.51E-07	1	3029.656	0.01	Midgut	3R:+:34696135-34696215	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_47257	ATQGNAPISGK	AGAP009486-PA	-	68	2.19E-06	2	1043.548	-0.38	Malpighian tubule	3R:+:34696548-34696580	exon=> In CDS Exon 7 of transcript AGAP009486-PA
JHU_Ag_47800	ESVWAPFLNLLNR	AGAP009486-PA	-	65	4.45E-06	1	1558.838	0.07	Malpighian tubule	3R:+:34694055-34694093	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_47960	LAEAAASHHDHHR	AGAP009486-PA	-	39	0.001897885	2	1451.693	2.88	Ovary	3R:+:34694847-34694885	exon=> In CDS Exon 3 of transcript AGAP009486-PA
JHU_Ag_49046	LMVHNWEYLGKQLEK	AGAP009486-PA	-	48	0.000218597	1	1887.973	-3.03	Malpighian tubule	3R:+:34696402-34696418,34696508-34696535	exon=> In CDS Exon 6 and 7 of transcript AGAP009486-PA
JHU_Ag_49868	SDLHFYLQWLK	AGAP009486-PA	-	66	3.78E-06	1	1449.759	4.34	Midgut	3R:+:34694172-34694204	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_50214	EHCIAMVQCK	AGAP009486-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	77	1.84E-07	1	1275.566	1.1	Malpighian tubule	3R:+:34695868-34695897	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_52221	TLLNMLSHVSK	AGAP009486-PA	M5(Oxidation)	74	6.37E-07	1	1258.683	0.08	Midgut	3R:+:34693923-34693955	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_53032	ESVWAPFLNLLNR	AGAP009486-PA	-	83	6.97E-08	1	1558.838	0.46	Midgut	3R:+:34694055-34694093	exon=> In CDS Exon 2 of transcript AGAP009486-PA

JHU_Ag_53800	LMVHNWEYLGK	AGAP009486-PA	M2(Oxidation)	65	4.95E-06	1	1389.698	-0.32	Malpighian tubule	3R:+:34696402-34696418,34696508-34696523	exon=> In CDS Exon 6 and 7 of transcript AGAP009486-PA
JHU_Ag_55650	VQIFHDYANK	AGAP009486-PA	-	56	4.97E-05	1	1234.625	2.95	Midgut	3R:+:34694019-34694048	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_55771	IILAVFR	AGAP009486-PA	-	38	3.72E-05	1	831.547	1.93	Ovary	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_55774	LEWSPVHK	AGAP009486-PA	-	49	0.000113639	1	995.533	1.9	Malpighian tubule	3R:+:34696048-34696071	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_55911	FWRENAQR	AGAP009486-PA	-	36	0.004296002	1	1106.549	-0.27	Malpighian tubule	3R:+:34696081-34696104	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_56455	VQIFHDYANKK	AGAP009486-PA	-	52	8.57E-05	2	1362.718	0.79	Malpighian tubule	3R:+:34694019-34694051	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_57796	QLVMQLLAHEDPNVRYEALLAVQK	AGAP009486-PA	M4(Oxidation)	121	3.60E-12	1	2778.505	2.92	Malpighian tubule	3R:+:34696330-34696401	exon=> In CDS Exon 6 of transcript AGAP009486-PA
JHU_Ag_58255	FNVIPILADILSDCAK	AGAP009486-PA	C14(Carbamidomethyl)	75	2.50E-07	2	1788.967	5.84	Head	3R:+:34695745-34695792	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_60085	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	-	134	6.07E-13	2	2173.029	-0.12	Midgut	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_60478	LACWGQEQMPK	AGAP009486-PA	C3(Carbamidomethyl), M9(Oxidation),C3(Carbamidomethyl)	88	1.58E-08	1	1363.616	2.1	Malpighian tubule	3R:+:34694139-34694171	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_62054	NLIEKPEDAQVAK	AGAP009486-PA	-	55	3.17E-05	2	1454.784	-0.46	Visceras	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_62141	FNVIPILADILSDCAK	AGAP009486-PA	C14(Carbamidomethyl)	48	0.000141425	2	1788.963	3.58	Visceras	3R:+:34695745-34695792	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_63602	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	97	2.77E-09	1	1662.792	0.93	Head	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_64321	IILAVFR	AGAP009486-PA	-	38	4.71E-05	2	831.545	-0.05	Male reproductive organs	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_66588	ILVHLLETSK	AGAP009486-PA	-	40	0.0002148	1	1152.697	-1.34	Head	3R:+:34696135-34696164	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_67251	LACWGQEQMPK	AGAP009486-PA	C3(Carbamidomethyl), M9(Oxidation)	35	0.002807954	2	1363.619	3.8	Larva	3R:+:34694139-34694171	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_67559	FNVIPILADILSDCAK	AGAP009486-PA	C14(Carbamidomethyl)	58	1.39E-05	2	1788.969	6.79	Larva	3R:+:34695745-34695792	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_67604	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	76	3.61E-07	1	1662.792	0.64	Ovary	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_67894	NLIEKPEDAQVAK	AGAP009486-PA	-	32	0.004509149	1	1454.790	3.15	Ovary	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_69108	LMVHNWEYLGK	AGAP009486-PA	M2(Oxidation)	46	0.000411412	1	1405.688	-3.94	Head	3R:+:34696402-34696418,34696508-34696523	exon=> In CDS Exon 6 and 7 of transcript AGAP009486-PA
JHU_Ag_69263	FDDEDITGDVEFLTEK	AGAP009486-PA	-	86	2.47E-08	2	1872.844	2.62	Head	3R:+:34695934-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_71198	ILVHLLETSKDPLVLSVASYDIGEYVR	AGAP009486-PA	-	114	1.24E-11	1	3029.662	2.02	Head	3R:+:34696135-34696215	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_71249	LAEAAASHHDHHR	AGAP009486-PA	-	37	0.003036209	1	1451.691	1.55	Visceras	3R:+:34694847-34694885	exon=> In CDS Exon 3 of transcript AGAP009486-PA
JHU_Ag_71780	HVIEQLGGK	AGAP009486-PA	-	55	2.64E-05	1	980.551	-1.59	Head	3R:+:34696234-34696235,34696305-34696329	exon=> In CDS Exon 5 and 6 of transcript AGAP009486-PA
JHU_Ag_72126	RFDDEDITGDVEFLTEK	AGAP009486-PA	-	138	2.37E-13	1	2028.938	-0.97	Malpighian tubule	3R:+:34695931-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_72744	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	-	115	5.20E-11	2	2173.031	0.44	Pupa	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA

JHU_Ag_73282	SARLEWSPVHK	AGAP009486-PA	-	41	0.000844742	3	1309.699	-1.53	Malpighian tubule	3R:+:34696039-34696071	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_73903	LACWGQEQMPK	AGAP009486-PA	C3(Carbamidomethyl), M9(Oxidation),C3(Carbamidomethyl)	43	0.000408582	2	1363.610	-2.28	Salivary gland	3R:+:34694139-34694171	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_78309	SDLHFYLQWLK	AGAP009486-PA	-	60	1.38E-05	1	1449.753	0.43	Head	3R:+:34694172-34694204	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_79127	ESVWAPFLNLLNR	AGAP009486-PA	-	33	0.006461506	1	1558.841	2.18	Head	3R:+:34694055-34694093	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_79994	NLIEKPEDAQVAKEHCIAMVQCK	AGAP009486-PA	C16(Carbamidomethyl), M19(Oxidation), C22(Carbamidomethyl),"C16(Carbamidomethyl), C22(Carbamidomethyl)"	127	2.77E-12	1	2711.334	0.87	Malpighian tubule	3R:+:34695829-34695897	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_81283	QLVMQLLAHEDPNVR	AGAP009486-PA	-	60	1.18E-05	1	1762.923	-2.48	Midgut	3R:+:34696330-34696374	exon=> In CDS Exon 6 of transcript AGAP009486-PA
JHU_Ag_81772	NLIEKPEDAQVAK	AGAP009486-PA	-	44	0.000311497	2	1454.786	0.97	Salivary gland	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_82452	RFDDEDITGDVEFLTEK	AGAP009486-PA	-	100	1.42E-09	1	2028.938	-0.77	Ovary	3R:+:34695931-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_84226	LMVHNWEYLGK	AGAP009486-PA	-	64	7.35E-06	1	1389.699	0.08	Midgut	3R:+:34696402-34696418,34696508-34696523	exon=> In CDS Exon 6 and 7 of transcript AGAP009486-PA
JHU_Ag_85303	FAFVTVDGISTLISILSSR	AGAP009486-PA	-	128	7.71E-13	1	2026.126	1.92	Malpighian tubule	3R:+:34695526-34695582	exon=> In CDS Exon 4 of transcript AGAP009486-PA
JHU_Ag_85942	IILAVFR	AGAP009486-PA	-	49	3.61E-06	2	831.545	0.25	Midgut	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_86027	HVIEQLGGK	AGAP009486-PA	-	36	0.001955043	2	980.552	-0.73	Midgut	3R:+:34696234-34696235,34696305-34696329	exon=> In CDS Exon 5 and 6 of transcript AGAP009486-PA
JHU_Ag_86376	FNVIPILADILSDCAK	AGAP009486-PA	C14(Carbamidomethyl)	82	6.01E-08	2	1788.964	4.34	Salivary gland	3R:+:34695745-34695792	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_86667	RFDDEDITGDVEFLTEK	AGAP009486-PA	-	91	1.20E-08	2	2028.935	-2.35	Male reproductive organs	3R:+:34695931-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_88191	SDLHFYLQWLK	AGAP009486-PA	-	78	2.26E-07	1	1449.757	3.02	Malpighian tubule	3R:+:34694172-34694204	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_89111	DQTIQYILVLIDDLLQEDR	AGAP009486-PA	-	108	1.35E-10	1	2303.216	1.5	Malpighian tubule	3R:+:34693956-34694012	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_90110	QDGFIVNMASR	AGAP009486-PA	M8(Oxidation)	48	0.000233804	2	1253.599	3.83	Larva	3R:+:34694094-34694126	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_90592	ATQGNAPISGK	AGAP009486-PA	-	74	4.95E-07	1	1043.546	-2.13	Head	3R:+:34696548-34696580	exon=> In CDS Exon 7 of transcript AGAP009486-PA
JHU_Ag_91017	NLIEKPEDAQVAK	AGAP009486-PA	-	60	7.45E-06	1	1454.789	2.9	Male reproductive organs	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_91211	YEALLAVQK	AGAP009486-PA	-	39	0.0008493	1	1034.586	-1.75	Head	3R:+:34696375-34696401	exon=> In CDS Exon 6 of transcript AGAP009486-PA
JHU_Ag_92727	LAEAAASHHDHHR	AGAP009486-PA	-	35	0.005373656	1	1451.694	3.51	Malpighian tubule	3R:+:34694847-34694885	exon=> In CDS Exon 3 of transcript AGAP009486-PA
JHU_Ag_93061	ESVWAPFLNLLNR	AGAP009486-PA	-	38	0.002212785	2	1558.846	5.08	Larva	3R:+:34694055-34694093	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_93129	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	-	134	6.64E-13	2	2173.031	0.44	Ovary	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_94423	FNVIPILADILSDCAK	AGAP009486-PA	C14(Carbamidomethyl)	96	2.42E-09	1	1788.964	3.99	Malpighian tubule	3R:+:34695745-34695792	exon=> In CDS Exon 5 of transcript AGAP009486-PA

JHU_Ag_94813	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	113	7.89E-11	1	1662.792	1	Malpighian tubule	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_96486	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	51	0.00012001	1	1662.789	-0.83	Visceras	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_96721	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	75	4.70E-07	1	1662.787	-2.23	Pupa	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_97765	TLLNMLSHVSK	AGAP009486-PA	M5(Oxidation)	66	3.63E-06	1	1258.689	5.52	Larva	3R:+:34693923-34693955	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_100496	SDLHFYLQWLK	AGAP009486-PA	-	69	1.77E-06	1	1449.753	0.56	Visceras	3R:+:34694172-34694204	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_100955	LACWGQEQMPK	AGAP009486-PA	C3(Carbamidomethyl), M9(Oxidation)	49	9.62E-05	2	1363.610	-2.19	Midgut	3R:+:34694139-34694171	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_100994	IILAVFR	AGAP009486-PA	-	43	1.32E-05	2	831.547	1.71	Head	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_102031	HVIEQLGGK	AGAP009486-PA	-	29	0.006891755	1	980.566	14.21	Ovary	3R:+:34696234-34696235,34696305-34696329	exon=> In CDS Exon 5 and 6 of transcript AGAP009486-PA
JHU_Ag_104651	QLTILEQR	AGAP009486-PA	-	41	0.000973153	2	1000.577	-1.41	Head	3R:+:34695907-34695930	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_104655	FNVIPILADILSDCAK	AGAP009486-PA	C14(Carbamidomethyl)	119	1.42E-11	1	1788.956	-0.17	Midgut	3R:+:34695745-34695792	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_105424	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	88	2.12E-08	2	1662.789	-0.61	Male reproductive organs	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_106575	FAFVTVDGISTLISILSSR	AGAP009486-PA	-	107	9.96E-11	2	2026.123	0.29	Midgut	3R:+:34695526-34695582	exon=> In CDS Exon 4 of transcript AGAP009486-PA
JHU_Ag_106614	NLIEKPEDAQVAK	AGAP009486-PA	N1(Deamidated)	76	2.03E-07	1	1454.789	2.4	Midgut	3R:+:34695829-34695867	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_107190	ESVWAPFLNLLNR	AGAP009486-PA	-	70	1.48E-06	1	1558.840	1.63	Salivary gland	3R:+:34694055-34694093	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_110230	HVIEQLGGK	AGAP009486-PA	-	69	8.86E-07	1	980.553	0.95	Malpighian tubule	3R:+:34696234-34696235,34696305-34696329	exon=> In CDS Exon 5 and 6 of transcript AGAP009486-PA
JHU_Ag_110287	QLTILEQR	AGAP009486-PA	-	54	5.52E-05	2	1000.579	0.23	Malpighian tubule	3R:+:34695907-34695930	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_110789	LQNSVQDLSSFDEYATEVK	AGAP009486-PA	-	98	2.57E-09	2	2173.034	2.12	Male reproductive organs	3R:+:34695982-34696038	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_112706	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	114	6.33E-11	1	1662.789	-1.05	Midgut	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_113547	FDDEDITGDVEFLTEK	AGAP009486-PA	-	93	5.16E-09	2	1872.852	6.99	Midgut	3R:+:34695934-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_114447	RFDDEDITGDVEFLTEK	AGAP009486-PA	-	113	7.72E-11	1	2028.952	5.83	Midgut	3R:+:34695931-34695981	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_114955	SDLHFYLQWLK	AGAP009486-PA	-	69	1.90E-06	1	1449.758	3.84	Larva	3R:+:34694172-34694204	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_115444	IILAVFR	AGAP009486-PA	-	42	2.07E-05	2	831.545	0.17	Larva	3R:+:34695808-34695828	exon=> In CDS Exon 5 of transcript AGAP009486-PA
JHU_Ag_116027	LLHEMEEAEK	AGAP009486-PA	-	63	5.47E-06	1	1228.590	1.54	Malpighian tubule	3R:+:34694811-34694840	exon=> In CDS Exon 3 of transcript AGAP009486-PA
JHU_Ag_116081	AQAAYLQENAPQCAK	AGAP009486-PA	C13(Carbamidomethyl)	99	1.68E-09	1	1662.789	-0.83	Salivary gland	3R:+:34693878-34693922	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_116584	TLLNMLSHVSK	AGAP009486-PA	M5(Oxidation)	50	0.000136858	1	1258.684	0.86	Salivary gland	3R:+:34693923-34693955	exon=> In CDS Exon 2 of transcript AGAP009486-PA
JHU_Ag_117487	ILVHLLETSKDPLVLSVASYDIGEYVR	AGAP009486-PA	-	146	8.32E-15	1	3029.666	3.23	Malpighian tubule	3R:+:34696135-34696215	exon=> In CDS Exon 5 of transcript AGAP009486-PA

JHU_Ag_117816	GKHVIEQLGGK	AGAP009486-PA	-	64	1.83E-06	1	1165.669	-0.29	Malpighian tubule	3R:+:34696228-34696235,34696305-34696329	exon=> In CDS Exon 5 and 6 of transcript AGAP009486-PA
JHU_Ag_169	YRDAIINYSK	AGAP009487-PA	N7(Deamidated)	47	0.000281273	3	1243.642	7.99	Head	3R:-:34702080-34702051	exon=> In CDS Exon 2 of transcript AGAP009487-PA
JHU_Ag_15181	YRDAIINYSK	AGAP009487-PA	N7(Deamidated)	39	0.001706441	3	1243.647	11.97	Visceras	3R:-:34702080-34702051	exon=> In CDS Exon 2 of transcript AGAP009487-PA
JHU_Ag_25886	DIPIYLVKPAPVR	AGAP009489-PA	-	39	0.000103138	1	1480.888	-0.72	Midgut	3R:-:34708629-34708591	exon=> In CDS Exon 3 of transcript AGAP009489-PA
JHU_Ag_116225	NNAYCPYSNFPVGAALR	AGAP009489-PA	C5(Carbamidomethyl)	95	4.19E-09	1	1913.896	-0.1	Midgut	3R:-:34708979-34708929	exon=> In CDS Exon 2 of transcript AGAP009489-PA
JHU_Ag_5007	FNVFMK	AGAP009491-PA	M5(Oxidation)	47	0.000126675	2	785.401	-0.19	Visceras	3R:+:34711081-34711098	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_7514	VELTPPSPGDIPAIR	AGAP009491-PA	-	86	2.05E-08	1	1561.863	3.08	Visceras	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_12894	YAKVELTPPSPGDIPAIR	AGAP009491-PA	-	80	5.85E-08	1	1924.058	2.32	Visceras	3R:+:34711099-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_15456	FNVFMKYAK	AGAP009491-PA	M5(Oxidation)	41	0.001417751	1	1163.593	0.79	Malpighian tubule	3R:+:34711081-34711107	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_17037	GSTLVSTLMTQARPK	AGAP009491-PA	M9(Oxidation)	102	4.97E-10	1	1605.866	1.68	Malpighian tubule	3R:+:34710874-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_21122	VELTPPSPGDIPAIR	AGAP009491-PA	-	107	1.78E-10	1	1561.855	-2	Head	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_26082	GSTLVSTLMTQARPK	AGAP009491-PA	M9(Oxidation)	96	1.78E-09	2	1605.876	7.84	Midgut	3R:+:34710874-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_26499	YAKVELTPPSPGDIPAIR	AGAP009491-PA	-	38	0.000809755	1	1924.059	2.85	Head	3R:+:34711099-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_28959	VELTPPSPGDIPAIRDGIAR	AGAP009491-PA	-	44	0.000250419	3	2074.131	0.76	Visceras	3R:+:34711108-34711167	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_32191	VELTPPSPGDIPAIR	AGAP009491-PA	-	80	7.32E-08	1	1561.866	4.88	Midgut	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_42636	YAKVELTPPSPGDIPAIR	AGAP009491-PA	-	92	3.35E-09	1	1924.056	0.86	Malpighian tubule	3R:+:34711099-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_45467	VELTPPSPGDIPAIRDGIAR	AGAP009491-PA	-	62	3.25E-06	1	2074.137	3.94	Malpighian tubule	3R:+:34711108-34711167	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_46933	VELTPPSPGDIPAIR	AGAP009491-PA	-	61	5.78E-06	1	1561.864	3.39	Larva	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_51248	FNVFMK	AGAP009491-PA	M5(Oxidation)	43	0.000363978	2	785.400	-2.36	Head	3R:+:34711081-34711098	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_53707	VELTPPSPGDIPAIR	AGAP009491-PA	-	76	1.93E-07	1	1561.862	2.45	Pupa	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_55381	VELTPPSPGDIPAIR	AGAP009491-PA	-	80	7.84E-08	1	1561.860	0.97	Salivary gland	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_57484	FNVFMK	AGAP009491-PA	M5(Oxidation)	40	0.000691338	2	785.401	-0.42	Midgut	3R:+:34711081-34711098	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_60602	GSTLVSTLMTQARPK	AGAP009491-PA	M9(Oxidation)	116	2.40E-11	1	1605.862	-0.9	Head	3R:+:34710874-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_64476	GSTLVSTLMTQARPK	AGAP009491-PA	M9(Oxidation)	90	9.68E-09	2	1605.866	1.76	Visceras	3R:+:34710874-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_69665	HLVGYK	AGAP009491-PA	-	32	0.007996 59	1	716.405	-5.37	Head	3R:+:34711291-34711308	exon=> In CDS Exon 2 of transcript AGAP009491-PA

JHU_Ag_75236	ASLANKGSTLVSTLMTQARPK	AGAP009491-PA	N-Term(Acetyl)	170	5.82E-17	1	2216.216	4.18	Malpighian tubule	3R:+:34710856-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_80374	HLVGYKV	AGAP009491-PA	-	43	0.000815908	1	815.477	-0.68	Head	3R:+:34711291-34711311	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_85608	ASLANKGSTLVSTLMTQARPK	AGAP009491-PA	N-Term(Acetyl)	96	1.34E-09	1	2216.207	0.3	Head	3R:+:34710856-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_89639	FNVFMK	AGAP009491-PA	M5(Oxidation)	35	0.001505545	2	801.397	1.29	Ovary	3R:+:34711081-34711098	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_91242	VELTPPSPGDIPAIR	AGAP009491-PA	-	69	1.07E-06	1	1561.859	0.11	Ovary	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_97290	FNVFMK	AGAP009491-PA	M5(Oxidation)	44	0.000297218	2	785.401	-0.96	Salivary gland	3R:+:34711081-34711098	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_101519	TGAWKNLTVR	AGAP009491-PA	-	61	9.79E-06	1	1145.642	-0.74	Malpighian tubule	3R:+:34711186-34711215	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_101835	HLVGYKV	AGAP009491-PA	-	42	0.000904384	1	815.479	1.64	Visceras	3R:+:34711291-34711311	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_103917	ASLANKGSTLVSTLMTQARPK	AGAP009491-PA	N-Term(Acetyl), M15(Oxidation)	39	0.000901258	1	2232.202	0.25	Head	3R:+:34710856-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_105895	RHLVGYK	AGAP009491-PA	-	44	0.000476959	2	872.507	-3.78	Head	3R:+:34711288-34711308	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_106182	FNVFMK	AGAP009491-PA	M5(Oxidation)	47	0.000100785	2	785.402	0.98	Malpighian tubule	3R:+:34711081-34711098	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_109507	ASLANKGSTLVSTLMTQARPK	AGAP009491-PA	N-Term(Acetyl), M15(Oxidation)	140	6.56E-14	1	2232.206	1.89	Malpighian tubule	3R:+:34710856-34710892,34711055-34711080	exon=> In CDS Exon 1 and 2 of transcript AGAP009491-PA
JHU_Ag_117768	VELTPPSPGDIPAIR	AGAP009491-PA	-	95	2.36E-09	1	1561.862	2.45	Malpighian tubule	3R:+:34711108-34711152	exon=> In CDS Exon 2 of transcript AGAP009491-PA
JHU_Ag_116141	IQEASREEPIYLK	AGAP009492-PA	-	43	0.000684242	1	1575.841	1.89	Malpighian tubule	3R:-:34712669-34712631	exon=> In CDS Exon 1 of transcript AGAP009492-PA
JHU_Ag_8174	LTWNPASYGNLNVVR	AGAP009493-PA	-	77	2.42E-07	2	1703.892	3.49	Pupa	3R:-:34722502-34722458	exon=> In CDS Exon 4 of transcript AGAP009493-PA
JHU_Ag_22652	FGLVLNR	AGAP009493-PA	-	46	0.000154763	2	818.487	-1.8	Head	3R:-:34721587-34721567	exon=> In CDS Exon 5 of transcript AGAP009493-PA
JHU_Ag_64144	LTWNPASYGNLNVVR	AGAP009493-PA	-	102	8.59E-10	1	1703.886	-0.02	Head	3R:-:34722502-34722458	exon=> In CDS Exon 4 of transcript AGAP009493-PA
JHU_Ag_77719	HFSFSDK	AGAP009493-PA	-	43	0.000431597	1	867.403	3.97	Head	3R:-:34721653-34721633	exon=> In CDS Exon 5 of transcript AGAP009493-PA
JHU_Ag_96466	HQQSLPGLLK	AGAP009493-PA	Q2(Deamidated)	56	1.42E-05	1	1120.644	-2.81	Head	3R:-:34721728-34721699	exon=> In CDS Exon 5 of transcript AGAP009493-PA
JHU_Ag_103982	LAGCVGPFVGVGK	AGAP009493-PA	C4(Carbamidomethyl)	54	6.46E-05	2	1260.677	0.24	Head	3R:-:34721695-34721657	exon=> In CDS Exon 5 of transcript AGAP009493-PA
JHU_Ag_8640	ICETLPYLVK	AGAP009496-PA	C2(Carbamidomethyl)	40	0.000968151	2	1235.677	5.62	Malpighian tubule	3R:+:34740442-34740471	exon=> In CDS Exon 10 of transcript AGAP009496-PA
JHU_Ag_19932	LNLLQLIELR	AGAP009496-PA	-	74	4.83E-08	2	1224.772	3.6	Ovary	3R:+:34737756-34737785	exon=> In CDS Exon 2 of transcript AGAP009496-PA
JHU_Ag_52276	RVHMIEELSETVISFQR	AGAP009496-PA	M4(Oxidation)	59	1.53E-05	1	2090.084	6.74	Malpighian tubule	3R:+:34738335-34738385	exon=> In CDS Exon 4 of transcript AGAP009496-PA
JHU_Ag_63075	SPYSWDLPADWKR	AGAP009496-PA	-	77	3.29E-07	1	1620.788	4.73	Malpighian tubule	3R:+:34740403-34740441	exon=> In CDS Exon 10 of transcript AGAP009496-PA
JHU_Ag_87808	SWQVSDGANTYYK	AGAP009496-PA	-	87	2.22E-08	2	1518.692	3.92	Malpighian tubule	3R:+:34737792-34737830	exon=> In CDS Exon 2 of transcript AGAP009496-PA

JHU_Ag_90586	LVQITGPNEEKINYAK	AGAP009496-PA	-	40	0.000756606	1	1816.989	4.83	Malpighian tubule	3R:+:34739077-34739114,34739188-34739197	exon=> In CDS Exon 5 and 6 of transcript AGAP009496-PA
JHU_Ag_95869	ALVIFR	AGAP009496-PA	-	30	0.001101999	2	718.464	3.55	Malpighian tubule	3R:+:34737699-34737716	exon=> In CDS Exon 2 of transcript AGAP009496-PA
JHU_Ag_113380	TYCKDEIVIR	AGAP009496-PA	C3(Carbamidomethyl)	40	0.001392919	2	1296.666	3.46	Malpighian tubule	3R:+:34738063-34738092	exon=> In CDS Exon 3 of transcript AGAP009496-PA
JHU_Ag_9162	AYQLCPTSGIIATHLCYASYR	AGAP009497-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	33	0.007811972	1	2445.177	3.43	Ovary	3R:-:34744988-34744926	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_12425	TEMSLVHLYSLK	AGAP009497-PA	M3(Oxidation)	71	1.06E-06	1	1420.755	3.28	Malpighian tubule	3R:-:34744538-34744503	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_17391	ALEDITAACIVDR	AGAP009497-PA	C9(Carbamidomethyl)	50	0.000180931	2	1446.729	2.51	Visceras	3R:-:34745618-34745580	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_19757	SYFSSFNNDPIGK	AGAP009497-PA	-	52	8.10E-05	1	1475.684	2.51	Ovary	3R:-:34745459-34745421	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_20085	DAAVAQVDVAK	AGAP009497-PA	-	49	0.000168454	2	1086.580	1.01	Head	3R:-:34744502-34744470	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_21257	GLLQLQWK	AGAP009497-PA	-	49	0.000126015	1	985.584	0.77	Malpighian tubule	3R:-:34744718-34744695	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_23951	EYDAAIEHCPTYEATDR	AGAP009497-PA	C9(Carbamidomethyl)	80	7.48E-08	1	2040.890	14.46	Ovary	3R:-:34745828-34745778	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_40633	GLLQLQWK	AGAP009497-PA	-	53	4.73E-05	2	985.584	0.95	Salivary gland	3R:-:34744718-34744695	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_41294	LEALLLR	AGAP009497-PA	-	46	7.68E-05	1	827.536	1.84	Malpighian tubule	3R:-:34745288-34745268	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_41903	AAAYEQLQNWAAVIK	AGAP009497-PA	-	76	2.94E-07	2	1675.886	3.2	Male reproductive organs	3R:-:34745756-34745712	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_44435	DCTSAIECNPAYAK	AGAP009497-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	93	2.95E-09	1	1599.680	1.5	Head	3R:-:34745711-34745670	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_47164	ALEDITAACIVDRFQNK	AGAP009497-PA	C9(Carbamidomethyl)	76	4.05E-07	1	1964.001	5.04	Ovary	3R:-:34745618-34745568	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_47382	YDLAIR	AGAP009497-PA	-	35	0.003351399	1	750.415	0.87	Malpighian tubule	3R:-:34745846-34745829	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_49129	AYEQQQDLSR	AGAP009497-PA	-	47	0.000297374	2	1237.581	0.15	Salivary gland	3R:-:34745648-34745619	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_49152	EYDAAIEHCPTYEATDR	AGAP009497-PA	C9(Carbamidomethyl)	32	0.002909425	3	2040.872	5.72	Midgut	3R:-:34745828-34745778	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_52925	GNLVEAIKLFER	AGAP009497-PA	-	76	1.39E-07	1	1388.795	3.62	Malpighian tubule	3R:-:34744592-34744557	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_55332	ALKVEPDNAQIYVHR	AGAP009497-PA	-	34	0.002978937	1	1752.942	1.82	Ovary	3R:-:34744763-34744719	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_57611	AYQLCPTSGIIATHLCYASYR	AGAP009497-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	48	0.000259492	1	2445.169	0.13	Malpighian tubule	3R:-:34744988-34744926	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_57938	VEPDNAQIYVHR	AGAP009497-PA	-	59	1.70E-05	2	1440.725	1.45	Malpighian tubule	3R:-:34744754-34744719	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_59055	ALEDITAACIVDR	AGAP009497-PA	C9(Carbamidomethyl)	74	7.52E-07	2	1446.728	1.58	Malpighian tubule	3R:-:34745618-34745580	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_59808	AETIDSTNGDIFHHR	AGAP009497-PA	-	82	9.76E-08	2	1712.801	1.21	Head	3R:-:34745090-34745046	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_60834	FDEADSCFAR	AGAP009497-PA	C7(Carbamidomethyl)	58	1.96E-06	1	1217.490	0.97	Malpighian tubule	3R:-:34744793-34744764	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_65028	YDLAIR	AGAP009497-PA	-	49	0.000127541	2	750.414	-0.67	Head	3R:-:34745846-34745829	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_73089	MDDAIADFER	AGAP009497-PA	-	47	0.000130581	2	1182.513	3.24	Malpighian tubule	3R:-:34745018-34744989	exon=> In CDS Exon 1 of transcript AGAP009497-PA

JHU_Ag_77700	ASLAMQTEPDSPGECFK	AGAP009497-PA	C15(Carbamidomethyl)	106	1.96E-10	1	1867.822	1.14	Malpighian tubule	3R:-:34745153-34745103	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_77887	AAAYEQLQNWAAVIK	AGAP009497-PA	-	88	1.97E-08	1	1675.890	5.9	Ovary	3R:-:34745756-34745712	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_79504	GLLQLQWK	AGAP009497-PA	-	46	0.000213312	2	985.587	3.8	Ovary	3R:-:34744718-34744695	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_87493	DAAVAQVDVAK	AGAP009497-PA	-	62	8.76E-06	2	1086.580	0.89	Malpighian tubule	3R:-:34744502-34744470	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_93964	AETIDSTNGDIFHHR	AGAP009497-PA	-	87	2.49E-08	1	1712.798	-0.64	Ovary	3R:-:34745090-34745046	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_95375	SYFSSFNNDPIGK	AGAP009497-PA	-	87	2.52E-08	1	1475.683	1.77	Malpighian tubule	3R:-:34745459-34745421	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_101327	EYDAAIEHCPTYEATDR	AGAP009497-PA	C9(Carbamidomethyl)	135	1.31E-13	1	2040.866	2.56	Malpighian tubule	3R:-:34745828-34745778	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_104669	GQVYILTDR	AGAP009497-PA	-	51	9.35E-05	2	1064.575	1.62	Malpighian tubule	3R:-:34745045-34745019	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_105786	SESESEYKLEALLLR	AGAP009497-PA	-	86	3.66E-08	1	1766.921	2.01	Malpighian tubule	3R:-:34745312-34745268	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_110582	DCTSAIECNPAYAK	AGAP009497-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	98	8.34E-10	1	1599.681	1.95	Malpighian tubule	3R:-:34745711-34745670	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_116710	AAAYEQLQNWAAVIK	AGAP009497-PA	-	99	1.56E-09	1	1675.887	4.15	Malpighian tubule	3R:-:34745756-34745712	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_117817	GTFYNLIACYEEAK	AGAP009497-PA	C9(Carbamidomethyl)	96	2.98E-09	1	1678.781	1.85	Malpighian tubule	3R:-:34745267-34745226	exon=> In CDS Exon 1 of transcript AGAP009497-PA
JHU_Ag_7042	GDGNVETEEGVPLR	AGAP009498-PA	-	45	0.000424749	1	1471.703	0.43	Head	3R:+:34758110-34758151	exon=> In CDS Exon 5 of transcript AGAP009498-PA
JHU_Ag_9774	TEIETAINAAGK	AGAP009498-PA	-	64	7.19E-06	2	1217.637	-0.31	Midgut	3R:+:34757183-34757218	exon=> In CDS Exon 2 of transcript AGAP009498-PA
JHU_Ag_18385	YAMAVISSHLADYLR	AGAP009498-PA	M3(Oxidation)	62	8.84E-06	1	1725.870	4.19	Head	3R:+:34757478-34757522	exon=> In CDS Exon 3 of transcript AGAP009498-PA
JHU_Ag_32481	TEIETAINAAGK	AGAP009498-PA	-	71	1.38E-06	2	1217.636	-1.12	Salivary gland	3R:+:34757183-34757218	exon=> In CDS Exon 2 of transcript AGAP009498-PA
JHU_Ag_43800	YAMAVISSHLADYLR	AGAP009498-PA	M3(Oxidation)	124	5.37E-12	1	1725.875	6.81	Larva	3R:+:34757478-34757522	exon=> In CDS Exon 3 of transcript AGAP009498-PA
JHU_Ag_57986	GDGNVETEEGVPLR	AGAP009498-PA	-	63	7.66E-06	2	1471.703	0.52	Visceras	3R:+:34758110-34758151	exon=> In CDS Exon 5 of transcript AGAP009498-PA
JHU_Ag_77831	TEIETAINAAGK	AGAP009498-PA	-	70	1.56E-06	2	1217.638	0.19	Pupa	3R:+:34757183-34757218	exon=> In CDS Exon 2 of transcript AGAP009498-PA
JHU_Ag_84625	LAEIVGGR	AGAP009498-PA	-	47	0.000290094	2	814.479	0.77	Larva	3R:+:34756781-34756804	exon=> In CDS Exon 2 of transcript AGAP009498-PA
JHU_Ag_91130	ENGLLSSLPYFGK	AGAP009498-PA	-	54	4.55E-05	1	1424.753	7.4	Larva	3R:+:34757375-34757377,34757442-34757477	exon=> In CDS Exon 2 and 3 of transcript AGAP009498-PA
JHU_Ag_104014	ENGLLSSLPYFGK	AGAP009498-PA	-	34	0.004120936	2	1424.749	4.58	Pupa	3R:+:34757375-34757377,34757442-34757477	exon=> In CDS Exon 2 and 3 of transcript AGAP009498-PA
JHU_Ag_108545	TEIETAINAAGK	AGAP009498-PA	-	86	3.97E-08	2	1217.642	3.6	Larva	3R:+:34757183-34757218	exon=> In CDS Exon 2 of transcript AGAP009498-PA
JHU_Ag_113731	GDGNVETEEGVPLR	AGAP009498-PA	-	62	9.02E-06	2	1471.707	3.42	Larva	3R:+:34758110-34758151	exon=> In CDS Exon 5 of transcript AGAP009498-PA
JHU_Ag_50093	VPNAYDETALK	AGAP009499-PA	-	41	0.001363506	1	1220.616	-0.22	Male reproductive organs	3R:+:34761826-34761858	exon=> In CDS Exon 3 of transcript AGAP009499-PA
JHU_Ag_65131	IGDQTFADLPDLLSFYK	AGAP009499-PA	-	76	3.80E-07	1	1942.972	-3.88	Ovary	3R:+:34761364-34761414	exon=> In CDS Exon 1 of transcript AGAP009499-PA
JHU_Ag_94161	KGEILHIISK	AGAP009499-PA	-	49	1.56E-05	1	1137.694	-4.43	Head	3R:+:34761526-34761555	exon=> In CDS Exon 1 of transcript AGAP009499-PA

JHU_Ag_95777	FDFDGSDPDDLPFK	AGAP009499-PA	-	68	9.57E-07	2	1614.699	1.91	Head	3R:+:34761484-34761525	exon=> In CDS Exon 1 of transcript AGAP009499-PA
JHU_Ag_108917	NGAGQTGQIPVPYVTR	AGAP009499-PA	-	74	5.16E-07	1	1657.867	1.07	Head	3R:+:34761583-34761630	exon=> In CDS Exon 1 of transcript AGAP009499-PA
JHU_Ag_110003	LHYLDTTPLR	AGAP009499-PA	-	64	4.75E-06	1	1228.664	-3.76	Head	3R:+:34761415-34761444	exon=> In CDS Exon 1 of transcript AGAP009499-PA
JHU_Ag_678	ISQEFGNIQSK	AGAP009502-PA	-	98	2.57E-09	1	1250.638	0.12	Salivary gland	3R:+:34806088-34806120	exon=> In CDS Exon 1 of transcript AGAP009502-PA
JHU_Ag_42171	SLPHYVPR	AGAP009502-PA	-	46	0.000157316	1	968.538	7.04	Salivary gland	3R:+:34806172-34806174,34806240-34806260	exon=> In CDS Exon 1 and 2 of transcript AGAP009502-PA
JHU_Ag_43375	LQAGLPR	AGAP009502-PA	-	42	0.000159649	2	754.457	-0.03	Salivary gland	3R:+:34805962-34805982	exon=> In CDS Exon 1 of transcript AGAP009502-PA
JHU_Ag_43893	SAAYFSSLQNVISQGTNLMSYITSMAQTCYQTAYNTR	AGAP009502-PA	M19(Oxidation), M25(Oxidation), C29(Carbamidomethyl)	95	2.39E-09	1	4202.926	3.6	Salivary gland	3R:+:34806261-34806371	exon=> In CDS Exon 2 of transcript AGAP009502-PA
JHU_Ag_60660	SFNSFTDLVDR	AGAP009502-PA	-	90	1.16E-08	1	1300.619	1.51	Salivary gland	3R:+:34805875-34805907	exon=> In CDS Exon 1 of transcript AGAP009502-PA
JHU_Ag_99217	FMEDMNQEIVTCDDIFNANMENPR	AGAP009502-PA	C12(Carbamidomethyl)	49	5.05E-05	1	2933.226	1.56	Salivary gland	3R:+:34805983-34806054	exon=> In CDS Exon 1 of transcript AGAP009502-PA
JHU_Ag_105773	TEQFNNGMTK	AGAP009502-PA	M8(Oxidation)	50	5.64E-05	1	1185.524	3.12	Salivary gland	3R:+:34806372-34806401	exon=> In CDS Exon 2 of transcript AGAP009502-PA
JHU_Ag_112573	CLSSAQSNAATFTCLMK	AGAP009502-PA	C1(Carbamidomethyl), C14(Carbamidomethyl), M16(Oxidation),"C1(Carbamidomethyl), C14(Carbamidomethyl)"	155	4.56E-15	1	1889.856	0.46	Salivary gland	3R:+:34806121-34806171	exon=> In CDS Exon 1 of transcript AGAP009502-PA
JHU_Ag_11609	SLDGIPFTVDATNQIHCIDDFHK	AGAP009503-PA	C17(Carbamidomethyl)	44	0.000587311	1	2643.253	0.92	Head	3R:-:34959994-34959926	exon=> In CDS Exon 3 of transcript AGAP009503-PA
JHU_Ag_70	VTESHEQGSVDLK	AGAP009505-PA	-	98	2.49E-09	1	1428.698	0.95	Head	3R:-:34964510-34964472	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_1789	DIEREDVEFVCK	AGAP009505-PA	C11(Carbamidomethyl)	79	1.50E-07	1	1538.715	-0.39	Ovary	3R:-:34964031-34963996	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_3216	DIEREDVEFVCK	AGAP009505-PA	C11(Carbamidomethyl)	48	0.000204802	2	1538.716	0.48	Male reproductive organs	3R:-:34964031-34963996	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_4188	LVLEEADR	AGAP009505-PA	-	51	0.000160758	2	944.502	-2.44	Male reproductive organs	3R:-:34963827-34963804	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_4948	LVLEEADRSLHDALCVVR	AGAP009505-PA	C15(Carbamidomethyl)	62	7.75E-06	1	2095.102	2.64	Ovary	3R:-:34963827-34963774	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_5389	IGLIQFCISAPK	AGAP009505-PA	C7(Carbamidomethyl)	67	2.04E-06	1	1346.754	3.2	Salivary gland	3R:-:34964351-34964316	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_5531	DAVSDLAQHFLDK	AGAP009505-PA	-	100	1.63E-09	1	1458.725	2.05	Larva	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_8296	VTESHEQGSVDLK	AGAP009505-PA	-	81	1.07E-07	1	1428.700	2.31	Ovary	3R:-:34964510-34964472	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_8340	LLQMGIHPTAISEAFQR	AGAP009505-PA	M4(Oxidation)	107	2.33E-10	1	1928.009	1.5	Ovary	3R:-:34964723-34964673	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_9615	SILKIDDIVNTMQ	AGAP009505-PA	M12(Oxidation)	39	0.002108516	2	1505.788	-0.1	Ovary	3R:-:34963431-34963393	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_13083	NAGINVRK	AGAP009505-PA	-	30	0.008423313	1	871.511	0.33	Ovary	3R:-:34963545-34963522	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_13164	AQDVEAGDGTTSVVVVAGALLEAVEK	AGAP009505-PA	-	92	5.74E-09	1	2528.318	3.32	Malpighian tubule	3R:-:34964801-34964724	exon=> In CDS Exon 3 of transcript AGAP009505-PA

JHU_Ag_13380	LSNINAAK	AGAP009505-PA	-	49	0.000270044	2	830.473	-0.09	Malpighian tubule	3R:-:34965554-34965531	exon=> In CDS Exon 1 of transcript AGAP009505-PA
JHU_Ag_13717	VTGIQNMGQTVSIVVR	AGAP009505-PA	M7(Oxidation)	153	4.82E-15	1	1717.932	3.02	Malpighian tubule	3R:-:34963887-34963840	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_16143	TDMDHSVIVSDYAAMDR	AGAP009505-PA	M3(Oxidation), M15(Oxidation)	76	1.02E-07	1	1957.827	0.15	Ovary	3R:-:34964315-34964909,34963390-34964188	exon=> In CDS Exon 4 and 3 of transcript AGAP009505-PA
JHU_Ag_17042	DAVSDLAQHFLDK	AGAP009505-PA	-	102	9.98E-10	1	1458.725	1.55	Malpighian tubule	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_20052	VVSQHSSMLAPIAVDAVLK	AGAP009505-PA	M8(Oxidation)	80	5.98E-08	1	1981.086	3.54	Head	3R:-:34964567-34964511	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_20876	SILKIDDIVNTMQ	AGAP009505-PA	M12(Oxidation)	86	4.00E-08	1	1505.791	2	Malpighian tubule	3R:-:34963431-34963393	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_21739	AYILNIVK	AGAP009505-PA	-	47	4.50E-05	1	933.578	1.59	Ovary	3R:-:34964169-34964146	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_22089	DAVSDLAQHFLDK	AGAP009505-PA	-	102	9.60E-10	1	1458.728	4.06	Midgut	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_24760	LLQMGIHPTAISEAFQR	AGAP009505-PA	M4(Oxidation)	69	1.43E-06	1	1928.012	3.21	Malpighian tubule	3R:-:34964723-34964673	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_25774	AVEILTEMSRPVELNDRETLIK	AGAP009505-PA	M8(Oxidation)	94	1.68E-09	1	2556.374	1.47	Ovary	3R:-:34964660-34964595	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_26185	IGLIQFCISAPK	AGAP009505-PA	C7(Carbamidomethyl)	75	3.10E-07	1	1346.755	3.38	Head	3R:-:34964351-34964316	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_26195	IGLIQFCISAPK	AGAP009505-PA	C7(Carbamidomethyl)	76	2.47E-07	2	1346.755	3.56	Ovary	3R:-:34964351-34964316	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_26401	AVEILTEMSRPVELNDRETLIK	AGAP009505-PA	M8(Oxidation)	103	3.42E-10	1	2572.369	1.63	Malpighian tubule	3R:-:34964660-34964595	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_27237	SLGGTIEDTELIDGLVFTQR	AGAP009505-PA	-	75	4.33E-07	2	2164.117	1.47	Male reproductive organs	3R:-:34964453-34964394	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_28889	AVEILTEMSRPVELNDR	AGAP009505-PA	M8(Oxidation)	120	1.30E-11	1	1988.013	0.42	Ovary	3R:-:34964660-34964610	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_29249	MIQASNGEVTITNDGATILK	AGAP009505-PA	M1(Oxidation)	130	1.59E-12	1	2092.064	2.32	Ovary	3R:-:34965000-34965050,34964310-34964853	exon=> In CDS Exon 3 and 2 of transcript AGAP009505-PA
JHU_Ag_30043	DIEREDVEFVCK	AGAP009505-PA	C11(Carbamidomethyl)	65	4.48E-06	1	1538.717	1.12	Midgut	3R:-:34964031-34963996	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_33259	VTESHEQGSVDLK	AGAP009505-PA	-	105	4.89E-10	1	1428.697	0.6	Malpighian tubule	3R:-:34964510-34964472	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_34920	MLVELSR	AGAP009505-PA	-	43	0.000710019	2	847.471	0.62	Malpighian tubule	3R:-:34964822-34964802	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_35569	VTGIQNMGQTVSIVVR	AGAP009505-PA	M7(Oxidation)	117	2.03E-11	1	1717.927	0.04	Ovary	3R:-:34963887-34963840	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_35843	SLHDALCVVR	AGAP009505-PA	C7(Carbamidomethyl)	46	0.000239663	2	1169.603	-5.48	Head	3R:-:34963803-34963774	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_36306	IGLIQFCISAPK	AGAP009505-PA	C7(Carbamidomethyl)	82	6.22E-08	1	1346.754	2.74	Male reproductive organs	3R:-:34964351-34964316	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_36473	AVEILTEMSRPVELNDR	AGAP009505-PA	M8(Oxidation)	52	9.55E-05	3	1988.014	0.98	Salivary gland	3R:-:34964660-34964610	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_37623	LSNINAAK	AGAP009505-PA	-	52	0.000131651	1	830.474	0.65	Ovary	3R:-:34965554-34965531	exon=> In CDS Exon 1 of transcript AGAP009505-PA
JHU_Ag_38254	DIEREDVEFVCK	AGAP009505-PA	C11(Carbamidomethyl)	49	0.000153299	1	1538.716	0.16	Salivary gland	3R:-:34964031-34963996	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_39245	AVEILTEMSRPVELNDR	AGAP009505-PA	M8(Oxidation)	82	9.87E-08	1	1972.025	3.91	Head	3R:-:34964660-34964610	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_40139	AYILNIVK	AGAP009505-PA	-	45	6.63E-05	2	933.576	-0.37	Male reproductive organs	3R:-:34964169-34964146	exon=> In CDS Exon 4 of transcript AGAP009505-PA

JHU_Ag_40713	MIQASNGEVTITNDGATILK	AGAP009505-PA	M1(Oxidation)	127	2.87E-12	2	2092.061	1.03	Malpighian tubule	3R:-:34965000-34965050,34964310-34964853	exon=> In CDS Exon 3 and 2 of transcript AGAP009505-PA
JHU_Ag_42344	SLGGTIEDTELIDGLVFTQR	AGAP009505-PA	-	145	4.08E-14	1	2164.119	2.49	Ovary	3R:-:34964453-34964394	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_44073	IGLIQFCISAPK	AGAP009505-PA	C7(Carbamidomethyl)	70	9.01E-07	2	1346.753	2.47	Pupa	3R:-:34964351-34964316	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_44482	TDMDHSVIVSDYAAMDR	AGAP009505-PA	M3(Oxidation), M15(Oxidation)	50	5.08E-05	1	1957.829	1.36	Head	3R:-:34964315-34964909,34963390-34964188	exon=> In CDS Exon 4 and 3 of transcript AGAP009505-PA
JHU_Ag_46724	LLQMGIHPTAISEAFQR	AGAP009505-PA	M4(Oxidation)	71	9.62E-07	1	1928.007	0.55	Salivary gland	3R:-:34964723-34964673	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_47803	SGCNVLLVQK	AGAP009505-PA	C3(Carbamidomethyl)	49	0.000165922	2	1117.602	-1.1	Male reproductive organs	3R:-:34964133-34964104	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_48398	TDMDHSVIVSDYAAMDR	AGAP009505-PA	M3(Oxidation), M15(Oxidation)	40	0.000421461	1	1957.829	0.99	Malpighian tubule	3R:-:34964315-34964909,34963390-34964188	exon=> In CDS Exon 4 and 3 of transcript AGAP009505-PA
JHU_Ag_49385	VTGIQNMGQTVSIVVR	AGAP009505-PA	M7(Oxidation)	111	7.58E-11	1	1717.935	4.59	Larva	3R:-:34963887-34963840	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_49625	AQDVEAGDGTTSVVVVAGALLEAVEK	AGAP009505-PA	-	58	1.36E-05	3	2528.315	2.45	Pupa	3R:-:34964801-34964724	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_50904	IGLIQFCISAPK	AGAP009505-PA	C7(Carbamidomethyl)	71	6.27E-07	1	1346.755	3.65	Malpighian tubule	3R:-:34964351-34964316	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_52746	DAVSDLAQHFLDK	AGAP009505-PA	-	106	3.62E-10	1	1458.727	3.39	Salivary gland	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_54847	SGCNVLLVQK	AGAP009505-PA	C3(Carbamidomethyl)	75	3.97E-07	1	1117.603	-0.01	Ovary	3R:-:34964133-34964104	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_55303	DAVSDLAQHFLDKIK	AGAP009505-PA	-	54	4.22E-05	1	1699.906	2.63	Malpighian tubule	3R:-:34964091-34964047	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_61512	AVSDAIR	AGAP009505-PA	-	41	0.002043412	2	731.405	0.05	Malpighian tubule	3R:-:34965530-34965635,34964998-34965031	exon=> In CDS Exon 2 and 1 of transcript AGAP009505-PA
JHU_Ag_62608	AQDVEAGDGTTSVVVVAGALLEAVEK	AGAP009505-PA	-	182	6.04E-18	1	2528.313	1.51	Ovary	3R:-:34964801-34964724	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_64201	AFANALEVIPSTLAENAGLNPIATVTELR	AGAP009505-PA	-	74	1.70E-07	1	2995.614	1.28	Malpighian tubule	3R:-:34963656-34963570	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_64722	LVLEEADR	AGAP009505-PA	-	46	0.000460305	2	944.506	1.5	Ovary	3R:-:34963827-34963804	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_64746	LVLEEADR	AGAP009505-PA	-	56	4.02E-05	2	944.506	1.05	Malpighian tubule	3R:-:34963827-34963804	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_66654	DAVSDLAQHFLDKIK	AGAP009505-PA	-	38	0.001453671	1	1699.910	5	Head	3R:-:34964091-34964047	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_67514	VTESHEQGSVDLKNIK	AGAP009505-PA	-	95	4.29E-09	1	1783.919	0.42	Malpighian tubule	3R:-:34964510-34964463	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_67570	VTGIQNMGQTVSIVVR	AGAP009505-PA	M7(Oxidation)	111	6.74E-11	1	1717.931	2.53	Head	3R:-:34963887-34963840	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_68542	DAVSDLAQHFLDK	AGAP009505-PA	-	100	1.60E-09	1	1458.723	0.71	Visceras	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_71794	MLVELSR	AGAP009505-PA	-	36	0.003558523	2	847.471	0.48	Ovary	3R:-:34964822-34964802	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_74773	SLHDALCVVR	AGAP009505-PA	C7(Carbamidomethyl)	65	3.69E-06	1	1169.612	1.83	Ovary	3R:-:34963803-34963774	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_77933	DAVSDLAQHFLDK	AGAP009505-PA	-	102	9.91E-10	1	1458.725	1.8	Ovary	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_80963	LLQMGIHPTAISEAFQR	AGAP009505-PA	M4(Oxidation)	96	2.76E-09	1	1928.013	3.78	Head	3R:-:34964723-34964673	exon=> In CDS Exon 3 of transcript AGAP009505-PA

JHU_Ag_81237	GSNKLVLEEADR	AGAP009505-PA	-	81	1.32E-07	1	1330.698	1.03	Malpighian tubule	3R:-:34963839-34963804	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_82408	AQDVEAGDGTTSVVVVAGALLEAVEK	AGAP009505-PA	-	34	0.004006709	1	2528.306	-1.17	Midgut	3R:-:34964801-34964724	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_84345	KSGCNVLLVQK	AGAP009505-PA	C4(Carbamidomethyl)	41	0.000732358	1	1245.699	0.19	Malpighian tubule	3R:-:34964136-34964104	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_86797	DAVSDLAQHFLDKIK	AGAP009505-PA	-	97	2.01E-09	1	1699.908	3.72	Ovary	3R:-:34964091-34964047	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_86924	DAVSDLAQHFLDK	AGAP009505-PA	-	102	1.00E-09	1	1458.724	0.96	Male reproductive organs	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_87273	CRPIASLDHFVAENLVNADLVEEVASGTTK	AGAP009505-PA	C1(Carbamidomethyl)	126	2.59E-12	1	3255.657	7.8	Head	3R:-:34963986-34963897	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_88532	LVLEEADR	AGAP009505-PA	-	46	0.000423979	2	944.504	-1.34	Pupa	3R:-:34963827-34963804	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_93176	VTESHEQGSVDLK	AGAP009505-PA	-	97	3.10E-09	1	1428.699	1.54	Pupa	3R:-:34964510-34964472	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_94946	VVSQHSSMLAPIAVDAVLK	AGAP009505-PA	M8(Oxidation)	58	1.05E-05	1	1981.078	-0.25	Male reproductive organs	3R:-:34964567-34964511	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_95133	VVSQHSSMLAPIAVDAVLK	AGAP009505-PA	M8(Oxidation)	36	0.001473306	1	1981.090	5.49	Salivary gland	3R:-:34964567-34964511	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_95597	VLKEER	AGAP009505-PA	-	42	0.00146133	2	773.451	-0.99	Male reproductive organs	3R:-:34964187-34964170	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_95702	CRPIASLDHFVAENLVNADLVEEVASGTTK	AGAP009505-PA	C1(Carbamidomethyl)	121	8.89E-12	1	3255.640	2.73	Ovary	3R:-:34963986-34963897	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_97467	AFANALEVIPSTLAENAGLNPIATVTELR	AGAP009505-PA	-	89	5.77E-09	1	2995.613	1.1	Ovary	3R:-:34963656-34963570	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_99921	SLGGTIEDTELIDGLVFTQR	AGAP009505-PA	-	102	6.82E-10	1	2164.126	5.73	Head	3R:-:34964453-34964394	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_100031	DIEREDVEFVCK	AGAP009505-PA	C11(Carbamidomethyl)	83	6.61E-08	1	1538.718	1.67	Malpighian tubule	3R:-:34964031-34963996	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_100197	SGCNVLLVQK	AGAP009505-PA	C3(Carbamidomethyl)	67	2.38E-06	1	1117.606	2.5	Malpighian tubule	3R:-:34964133-34964104	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_100796	DAVSDLAQHFLDK	AGAP009505-PA	-	99	1.91E-09	1	1458.724	1.21	Head	3R:-:34964091-34964053	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_101629	LVLEEADRSLHDALCVVR	AGAP009505-PA	C15(Carbamidomethyl)	107	2.29E-10	1	2095.099	1.15	Malpighian tubule	3R:-:34963827-34963774	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_102381	LLQMGIHPTAISEAFQR	AGAP009505-PA	-	83	4.55E-08	1	1912.014	1.37	Visceras	3R:-:34964723-34964673	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_102437	VLKEER	AGAP009505-PA	-	39	0.002971099	1	773.453	1.85	Ovary	3R:-:34964187-34964170	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_102957	VVSQHSSMLAPIAVDAVLK	AGAP009505-PA	M8(Oxidation)	111	4.23E-11	1	1981.084	2.59	Malpighian tubule	3R:-:34964567-34964511	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_105941	AYILNIVK	AGAP009505-PA	-	54	8.38E-06	2	933.579	2.44	Head	3R:-:34964169-34964146	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_107191	AYILNIVK	AGAP009505-PA	-	43	8.78E-05	2	933.577	0.09	Visceras	3R:-:34964169-34964146	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_109094	SLHDALCVVR	AGAP009505-PA	C7(Carbamidomethyl)	52	6.70E-05	1	1169.612	1.83	Male reproductive organs	3R:-:34963803-34963774	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_109753	AYILNIVK	AGAP009505-PA	-	43	0.000101724	2	933.578	1.33	Salivary gland	3R:-:34964169-34964146	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_111645	GAITDILAENVVQPLLVSTSSITFASETVR	AGAP009505-PA	-	144	2.14E-14	1	3131.676	-2.37	Ovary	3R:-:34963521-34963432	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_113240	AYILNIVK	AGAP009505-PA	-	42	0.000125436	2	933.581	4.27	Larva	3R:-:34964169-34964146	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_114738	VQGQAYKDK	AGAP009505-PA	-	42	0.000777274	2	1036.544	1.83	Ovary	3R:-:34965602-34965576	exon=> In CDS Exon 1 of transcript AGAP009505-PA

JHU_Ag_114816	CRPIASLDHFVAENLVNADLVEEVASGTTK	AGAP009505-PA	C1(Carbamidomethyl)	176	2.31E-17	1	3255.642	3.07	Visceras	3R:-:34963986-34963897	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_116274	DAVSDLAQHFLDKIK	AGAP009505-PA	-	58	2.02E-05	1	1699.905	1.99	Male reproductive organs	3R:-:34964091-34964047	exon=> In CDS Exon 4 of transcript AGAP009505-PA
JHU_Ag_116578	VVSQHSSMLAPIAVDAVLK	AGAP009505-PA	M8(Oxidation)	78	7.04E-08	1	1965.090	2.88	Ovary	3R:-:34964567-34964511	exon=> In CDS Exon 3 of transcript AGAP009505-PA
JHU_Ag_448	LPGHNGSVNDIDFHPTEPIIVSGSSDK	AGAP009506-PA	-	53	6.77E-05	1	2832.378	-0.77	Head	3R:+:34967254-34967334	exon=> In CDS Exon 3 of transcript AGAP009506-PA
JHU_Ag_6351	QLLEQNVER	AGAP009506-PA	-	49	0.000130113	2	1128.601	0.28	Ovary	3R:+:34966267-34966281,34966359-34966370	exon=> In CDS Exon 1 and 2 of transcript AGAP009506-PA
JHU_Ag_104894	FVYIWDTTSR	AGAP009506-PA	-	50	0.000140233	2	1287.638	1.17	Midgut	3R:+:34967209-34967238	exon=> In CDS Exon 3 of transcript AGAP009506-PA
JHU_Ag_8931	AFAYAYLEYLVR	AGAP009507-PA	-	71	1.21E-06	2	1478.771	2.4	Salivary gland	3R:-:34968323-34968288	exon=> In CDS Exon 2 of transcript AGAP009507-PA
JHU_Ag_27857	EIEQEIAHSNPLVSESQPIASLNQEYLDDPVYISK	AGAP009507-PA	-	188	1.41E-18	1	3955.944	-0.18	Ovary	3R:-:34968645-34968759,34967760-34968393	exon=> In CDS Exon 2 and 1 of transcript AGAP009507-PA
JHU_Ag_28251	AFAYAYLEYLVR	AGAP009507-PA	-	35	0.004302059	2	1478.772	2.73	Visceras	3R:-:34968323-34968288	exon=> In CDS Exon 2 of transcript AGAP009507-PA
JHU_Ag_29102	LITSSHLQEK	AGAP009507-PA	-	75	2.36E-07	1	1155.636	-0.6	Ovary	3R:-:34968062-34968033	exon=> In CDS Exon 2 of transcript AGAP009507-PA
JHU_Ag_35453	AFAYAYLEYLVR	AGAP009507-PA	-	85	4.55E-08	2	1478.769	0.83	Head	3R:-:34968323-34968288	exon=> In CDS Exon 2 of transcript AGAP009507-PA
JHU_Ag_56497	EIEQEIAHSNPLVSESQPIASLNQEYLDDPVYISK	AGAP009507-PA	-	52	6.33E-05	3	3955.947	0.56	Malpighian tubule	3R:-:34968645-34968759,34967760-34968393	exon=> In CDS Exon 2 and 1 of transcript AGAP009507-PA
JHU_Ag_61183	SEENQDELIIK	AGAP009507-PA	-	81	1.47E-07	2	1317.651	-1.72	Ovary	3R:-:34968687-34968655	exon=> In CDS Exon 1 of transcript AGAP009507-PA
JHU_Ag_76722	VKPEGDNTAAALAELHK	AGAP009507-PA	-	49	0.000178474	1	1763.918	-6.16	Head	3R:-:34968161-34968111	exon=> In CDS Exon 2 of transcript AGAP009507-PA
JHU_Ag_84774	EIEQEIAHSNPLVSESQPIASLNQEYLDDPVYISK	AGAP009507-PA	-	75	2.64E-07	1	3955.956	2.88	Head	3R:-:34968645-34968759,34967760-34968393	exon=> In CDS Exon 2 and 1 of transcript AGAP009507-PA
JHU_Ag_94082	VKPEGDNTAAALAELHK	AGAP009507-PA	-	85	3.59E-08	1	1763.927	-1.03	Ovary	3R:-:34968161-34968111	exon=> In CDS Exon 2 of transcript AGAP009507-PA
JHU_Ag_109420	SRPDGNCFFR	AGAP009507-PA	C7(Carbamidomethyl)	41	0.000565415	1	1255.560	-2.69	Head	3R:-:34968353-34968324	exon=> In CDS Exon 2 of transcript AGAP009507-PA
JHU_Ag_729	FLDGLYVSEK	AGAP009508-PA	-	63	5.39E-06	2	1170.604	-0.3	Midgut	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_932	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	45	0.000520195	2	1246.646	0.08	Male reproductive organs	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_4426	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	64	7.41E-06	1	1246.646	-0.02	Ovary	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_5207	GTLVKNFR	AGAP009508-PA	-	41	0.000536204	1	934.549	1.96	Malpighian tubule	3R:+:34970232-34970255	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_6460	KFLDGLYVSEK	AGAP009508-PA	-	43	0.000507892	2	1298.706	5.18	Head	3R:+:34970754-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_6941	KFLDGLYVSEK	AGAP009508-PA	-	56	2.43E-05	2	1298.704	3.39	Malpighian tubule	3R:+:34970754-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_10394	NFLGEK	AGAP009508-PA	-	37	0.002240746	1	707.374	2	Larva	3R:+:34970580-34970597	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_11701	TINSNQSVLVPK	AGAP009508-PA	N3(Deamidated)	72	7.99E-07	2	1299.727	-0.1	Pupa	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA

JHU_Ag_12392	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl), M9(Oxidation),C3(Carbamidomethyl)	71	1.08E-06	1	1347.639	-0.37	Midgut	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_18326	FLDGLYVSEK	AGAP009508-PA	-	48	0.000153883	2	1170.608	3.56	Malpighian tubule	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_20507	FLDGLYVSEKTTVVQDEE	AGAP009508-PA	-	71	1.42E-06	1	2072.017	4.97	Malpighian tubule	3R:+:34970757-34970810	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_21430	VKMQPGVTVVNSAK	AGAP009508-PA	M3(Oxidation)	104	4.37E-10	1	1473.808	-1.22	Midgut	3R:+:34970610-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_23756	TINSNQSVLVPK	AGAP009508-PA	N3(Deamidated)	75	4.08E-07	2	1299.726	-0.57	Midgut	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_27889	VKMQPGVTVVNSAK	AGAP009508-PA	M3(Oxidation)	109	1.40E-10	1	1473.812	1.68	Male reproductive organs	3R:+:34970610-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_29619	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl)	57	2.04E-05	3	2533.314	6.25	Larva	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_30020	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl)	128	1.89E-12	1	2533.301	1.21	Salivary gland	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_32722	TINSNQSVLVPK	AGAP009508-PA	-	61	9.02E-06	2	1299.725	-1.51	Salivary gland	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_35848	QKDELVLEGNDIEAVSLSAALIQQSTTVHNK	AGAP009508-PA	-	135	1.72E-13	1	3350.767	6.8	Pupa	3R:+:34970652-34970744	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_36500	TINSNQSVLVPK	AGAP009508-PA	N3(Deamidated)	65	3.59E-06	2	1299.725	-1.13	Male reproductive organs	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_37767	FLDGLYVSEK	AGAP009508-PA	-	63	5.98E-06	1	1170.604	0.22	Visceras	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_38754	QKDELVLEGNDIEAVSLSAALIQQSTTVHNK	AGAP009508-PA	-	138	8.61E-14	1	3350.753	2.58	Ovary	3R:+:34970652-34970744	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_42646	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl)	123	5.87E-12	1	2533.304	2.2	Pupa	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_43308	NFLGEK	AGAP009508-PA	-	41	0.000522796	1	707.372	-0.67	Midgut	3R:+:34970580-34970597	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_44581	HLPIDVYR	AGAP009508-PA	-	46	0.00017422	2	1012.558	0.19	Male reproductive organs	3R:+:34970256-34970279	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_44803	FLDGLYVSEK	AGAP009508-PA	-	61	1.03E-05	1	1170.606	1.26	Salivary gland	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_50035	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl), M9(Oxidation)	61	1.24E-05	1	1347.644	3.25	Larva	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_51302	VKMQPGVTVVNSAK	AGAP009508-PA	M3(Oxidation)	95	3.27E-09	1	1473.810	0.44	Pupa	3R:+:34970610-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_54287	KFLDGLYVSEK	AGAP009508-PA	-	68	1.74E-06	1	1298.700	0.67	Ovary	3R:+:34970754-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_54718	FLDGLYVSEK	AGAP009508-PA	-	47	0.000215869	1	1170.608	3.1	Head	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_56302	QKDELVLEGNDIEAVSLSAALIQQSTTVHNK	AGAP009508-PA	-	110	6.20E-11	1	3350.745	0.32	Salivary gland	3R:+:34970652-34970744	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_56498	HLPIDVYR	AGAP009508-PA	-	49	9.57E-05	1	1012.559	1.34	Ovary	3R:+:34970256-34970279	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_56773	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl)	49	0.000184981	1	1331.645	0.11	Salivary gland	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_57916	TTVVQDEE	AGAP009508-PA	-	40	0.001205789	1	920.423	2.19	Malpighian tubule	3R:+:34970787-34970810	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_58637	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	71	1.25E-06	1	1230.653	1.6	Salivary gland	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_58777	FLDGLYVSEK	AGAP009508-PA	-	47	0.000249666	1	1170.606	1.26	Pupa	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA

JHU_Ag_64909	HLPIDVYR	AGAP009508-PA	-	37	0.001364109	2	1012.560	2.06	Malpighian tubule	3R:+:34970256-34970279	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_65004	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl), M9(Oxidation)	62	9.25E-06	1	1347.640	0.59	Ovary	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_66721	TINSNQSVLVPKDVSVK	AGAP009508-PA	-	87	1.08E-08	1	1828.023	2.72	Malpighian tubule	3R:+:34970145-34970195	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_68321	HLPIDVYR	AGAP009508-PA	-	33	0.003312059	1	1012.558	0.14	Midgut	3R:+:34970256-34970279	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_75926	VKMQPGVTVVNSAK	AGAP009508-PA	M3(Oxidation)	109	1.22E-10	1	1473.816	4.33	Larva	3R:+:34970610-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_77531	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	59	2.27E-05	1	1246.650	3.12	Head	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_78670	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	61	1.54E-05	2	1246.646	-0.41	Midgut	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_80220	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl), M9(Oxidation)	61	1.07E-05	1	1347.640	0.62	Visceras	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_82864	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation), Q2(Deamidated)	37	0.003663058	1	1247.615	-12.25	Visceras	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_83255	KFLDGLYVSEK	AGAP009508-PA	-	80	8.33E-08	1	1298.701	1.51	Pupa	3R:+:34970754-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_85527	FLDGLYVSEK	AGAP009508-PA	-	70	1.36E-06	1	1170.606	1.37	Ovary	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_85734	TINSNQSVLVPK	AGAP009508-PA	-	47	0.000205261	2	1299.730	2.72	Larva	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_87598	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	62	9.82E-06	1	1246.647	0.77	Pupa	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_88897	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl)	109	1.69E-10	1	2533.302	1.62	Visceras	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_90134	TTVVQDEE	AGAP009508-PA	-	34	0.005198187	1	920.426	5.84	Head	3R:+:34970787-34970810	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_91778	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	58	2.93E-05	2	1246.650	3.02	Larva	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_92529	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl), M9(Oxidation),C3(Carbamidomethyl)	82	9.44E-08	1	1331.645	0.57	Malpighian tubule	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_95439	TINSNQSVLVPK	AGAP009508-PA	-	47	0.000216424	1	1299.730	2.53	Malpighian tubule	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_95948	NFLGEK	AGAP009508-PA	-	42	0.000443948	1	707.370	-2.57	Head	3R:+:34970580-34970597	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_96017	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl)	150	1.30E-14	1	2533.305	2.85	Head	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_96101	HLPIDVYR	AGAP009508-PA	-	34	0.002782856	2	1012.553	-4.33	Head	3R:+:34970256-34970279	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_96511	TINSNQSVLVPK	AGAP009508-PA	N3(Deamidated)	70	1.26E-06	1	1299.728	1.12	Ovary	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_96609	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl)	57	2.60E-05	1	1331.645	0.2	Pupa	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_97005	TINSNQSVLVPK	AGAP009508-PA	-	68	1.58E-06	2	1299.731	3.37	Head	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_97082	VKMQPGVTVVNSAK	AGAP009508-PA	M3(Oxidation)	85	3.30E-08	1	1473.812	1.52	Malpighian tubule	3R:+:34970610-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_98041	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl), M9(Oxidation)	76	4.17E-07	1	1347.640	0.08	Male reproductive organs	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_100405	AVHAHFPINCVISENNTLVEIRNFLGEK	AGAP009508-PA	C10(Carbamidomethyl)	106	2.06E-10	1	3221.671	5.58	Malpighian tubule	3R:+:34970514-34970597	exon=> In CDS Exon 2 of transcript AGAP009508-PA

JHU_Ag_101448	HLPIDVYR	AGAP009508-PA	-	49	8.85E-05	1	1012.559	1.28	Salivary gland	3R:+:34970256-34970279	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_101652	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl)	137	2.22E-13	1	2533.303	1.98	Malpighian tubule	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_101830	KFLDGLYVSEK	AGAP009508-PA	-	88	1.41E-08	2	1298.699	-0.37	Midgut	3R:+:34970754-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_102243	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl), N16(Deamidated),"C10(Carbamidomethyl), N15(Deamidated)",C10(Carbamidomethyl),"N9(Deamidated), C10(Carbamidomethyl)"	156	3.24E-15	1	2533.300	0.82	Ovary	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_102630	HLPIDVYRVHR	AGAP009508-PA	-	42	0.000489358	1	1404.787	0.95	Malpighian tubule	3R:+:34970256-34970288	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_104545	FLDGLYVSEK	AGAP009508-PA	-	64	4.05E-06	1	1170.605	0.43	Male reproductive organs	3R:+:34970757-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_105533	AVHAHFPINCVISENNTLVEIR	AGAP009508-PA	C10(Carbamidomethyl)	146	3.42E-14	1	2533.299	0.34	Midgut	3R:+:34970514-34970579	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_106165	MQPGVTVVNSAK	AGAP009508-PA	M1(Oxidation)	58	2.41E-05	2	1246.647	0.77	Malpighian tubule	3R:+:34970616-34970651	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_108205	KFLDGLYVSEK	AGAP009508-PA	-	63	5.19E-06	1	1298.700	1.04	Male reproductive organs	3R:+:34970754-34970786	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_108622	TVCSHIENMIK	AGAP009508-PA	C3(Carbamidomethyl), M9(Oxidation),C3(Carbamidomethyl)	51	0.000111577	1	1331.644	-0.53	Head	3R:+:34970346-34970378	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_112471	QKDELVLEGNDIEAVSLSAALIQQSTTVHNK	AGAP009508-PA	-	142	3.47E-14	1	3350.759	4.47	Midgut	3R:+:34970652-34970744	exon=> In CDS Exon 2 of transcript AGAP009508-PA
JHU_Ag_113060	TINSNQSVLVPK	AGAP009508-PA	-	71	8.50E-07	2	1299.728	0.93	Visceras	3R:+:34970145-34970180	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_114743	KVTVEK	AGAP009508-PA	-	39	0.000843102	1	703.435	0.48	Male reproductive organs	3R:+:34970292-34970309	exon=> In CDS Exon 1 of transcript AGAP009508-PA
JHU_Ag_223	DGVSDGQLQYIYDHEVR	AGAP009509-PA	-	108	2.63E-10	1	1993.928	1.48	Ovary	3R:+:34976050-34976100	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_8718	NLYDAAAK	AGAP009509-PA	-	39	0.002072449	1	865.440	-1.24	Ovary	3R:+:34974440-34974463	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_9984	AIPTQIMVQK	AGAP009509-PA	-	40	0.000838282	2	1128.644	-0.13	Ovary	3R:+:34975663-34975692	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_14467	LNPRPGTVVDNVVTLPQR	AGAP009509-PA	-	71	2.33E-07	1	1975.108	-0.34	Midgut	3R:+:34976215-34976267,34976338-34976338	exon=> In CDS Exon 5 and 6 of transcript AGAP009509-PA
JHU_Ag_18103	DGVSDGQLQYIYDHEVR	AGAP009509-PA	-	48	0.00020178	1	1993.923	-1.07	Midgut	3R:+:34976050-34976100	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_19867	EYHIELWPGYITSIR	AGAP009509-PA	-	77	3.26E-07	1	1876.960	0.26	Ovary	3R:+:34974476-34974520	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_22850	RRPLADTLR	AGAP009509-PA	-	48	5.54E-05	3	1097.658	3.71	Malpighian tubule	3R:+:34974008-34974034	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_24509	TGDKYELHIQR	AGAP009509-PA	-	56	3.09E-05	1	1359.702	0.27	Ovary	3R:+:34974308-34974340	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_25424	LVELPGR	AGAP009509-PA	-	31	0.003204672	1	783.476	4.49	Ovary	3R:+:34975161-34975181	exon=> In CDS Exon 4 of transcript AGAP009509-PA
JHU_Ag_25743	AMNGLNLQLVGR	AGAP009509-PA	M2(Oxidation)	101	1.22E-09	2	1301.700	0	Ovary	3R:+:34974404-34974439	exon=> In CDS Exon 3 of transcript AGAP009509-PA

JHU_Ag_34676	ISFLDYYK	AGAP009509-PA	-	41	0.001452022	1	1048.535	0.44	Ovary	3R:+:34974758-34974781	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_36520	QGTVSPTAYNVIYDTSGLK	AGAP009509-PA	-	106	3.87E-10	1	2014.013	0.08	Midgut	3R:+:34976372-34976428	exon=> In CDS Exon 6 of transcript AGAP009509-PA
JHU_Ag_38966	FFSTVSHHSSGEEISNYLPLNTVK	AGAP009509-PA	-	108	2.37E-10	1	2693.332	4.08	Ovary	3R:+:34975918-34975989	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_46585	AMNGLNLQLVGR	AGAP009509-PA	-	54	3.79E-05	2	1285.710	4.31	Malpighian tubule	3R:+:34974404-34974439	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_46606	LGQIYK	AGAP009509-PA	-	44	0.00018305	2	721.424	-0.7	Ovary	3R:+:34976116-34976133	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_47687	LNPRPGTVVDNVVTLPQR	AGAP009509-PA	-	58	5.06E-06	1	1975.108	-0.12	Ovary	3R:+:34976215-34976267,34976338-34976338	exon=> In CDS Exon 5 and 6 of transcript AGAP009509-PA
JHU_Ag_49973	LVELPGR	AGAP009509-PA	-	30	0.003620625	1	783.474	2.56	Malpighian tubule	3R:+:34975161-34975181	exon=> In CDS Exon 4 of transcript AGAP009509-PA
JHU_Ag_51852	HGTTGQPLQLQSNYFKLLK	AGAP009509-PA	-	103	2.61E-10	1	2173.187	4.86	Malpighian tubule	3R:+:34974062-34974118	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_52109	AVIGCVVLTGYNNK	AGAP009509-PA	C5(Carbamidomethyl)	64	5.44E-06	2	1507.801	4.75	Malpighian tubule	3R:+:34974647-34974688	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_52513	QGTVSPTAYNVIYDTSGLK	AGAP009509-PA	-	97	3.46E-09	2	2014.015	1.29	Ovary	3R:+:34976372-34976428	exon=> In CDS Exon 6 of transcript AGAP009509-PA
JHU_Ag_57530	RLVELPGR	AGAP009509-PA	-	33	0.000719355	1	939.577	3.43	Malpighian tubule	3R:+:34975158-34975181	exon=> In CDS Exon 4 of transcript AGAP009509-PA
JHU_Ag_66113	AVIGCVVLTGYNNK	AGAP009509-PA	C5(Carbamidomethyl)	94	5.39E-09	2	1507.798	2.57	Ovary	3R:+:34974647-34974688	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_69184	HGTTGQPLQLQSNYFK	AGAP009509-PA	-	106	3.56E-10	1	1818.920	3.49	Ovary	3R:+:34974062-34974109	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_73623	NLYDAAAK	AGAP009509-PA	-	41	0.001146444	1	865.445	3.98	Malpighian tubule	3R:+:34974440-34974463	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_76288	VAVVDMTDETGIQVLNLILRR	AGAP009509-PA	M6(Oxidation)	96	7.66E-10	1	2371.315	5.64	Malpighian tubule	3R:+:34974341-34974403	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_76572	TDFYLVSQSVK	AGAP009509-PA	-	54	5.75E-05	1	1286.663	0.31	Ovary	3R:+:34976339-34976371	exon=> In CDS Exon 6 of transcript AGAP009509-PA
JHU_Ag_82373	QGTVSPTAYNVIYDTSGLK	AGAP009509-PA	-	74	6.02E-07	1	2014.008	-2.16	Head	3R:+:34976372-34976428	exon=> In CDS Exon 6 of transcript AGAP009509-PA
JHU_Ag_85971	EAGDFLNCMITAAR	AGAP009509-PA	C8(Carbamidomethyl), M9(Oxidation)	69	1.44E-06	2	1584.723	5.13	Malpighian tubule	3R:+:34975441-34975482	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_87611	MQTCYDILR	AGAP009509-PA	M1(Oxidation), C4(Carbamidomethyl)	50	7.98E-05	2	1215.550	0.63	Ovary	3R:+:34974575-34974601	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_88386	EYHIELWPGYITSIR	AGAP009509-PA	-	45	0.000460543	1	1876.962	1.24	Head	3R:+:34974476-34974520	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_88511	LQTSPESQEVFK	AGAP009509-PA	-	57	3.34E-05	2	1392.702	1.15	Ovary	3R:+:34975098-34975133	exon=> In CDS Exon 4 of transcript AGAP009509-PA
JHU_Ag_90315	EAGDFLNCMITAAR	AGAP009509-PA	C8(Carbamidomethyl), M9(Oxidation),C8(Carbamidomethyl)	64	4.80E-06	1	1584.716	0.81	Ovary	3R:+:34975441-34975482	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_92806	LSFLVGQYLHQTPSNMLEK	AGAP009509-PA	M16(Oxidation)	79	1.71E-07	1	2221.131	-0.6	Ovary	3R:+:34976528-34976584	exon=> In CDS Exon 6 of transcript AGAP009509-PA
JHU_Ag_94361	FFSTVSHHSSGEEISNYLPLNTVK	AGAP009509-PA	-	67	3.01E-06	1	2693.330	3.47	Head	3R:+:34975918-34975989	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_94816	LGGVPWK	AGAP009509-PA	-	32	0.002873879	1	756.441	0.76	Ovary	3R:+:34975771-34975791	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_95312	TLDAIINRDPQMIMCVVSNSK	AGAP009509-PA	M12(Oxidation), M14(Oxidation), C15(Carbamidomethyl)	78	2.51E-07	1	2437.188	-0.22	Ovary	3R:+:34975555-34975617	exon=> In CDS Exon 5 of transcript AGAP009509-PA

JHU_Ag_96420	RLQTSPESQEVFK	AGAP009509-PA	-	45	0.000432775	2	1548.802	0.45	Ovary	3R:+:34975095-34975133	exon=> In CDS Exon 4 of transcript AGAP009509-PA
JHU_Ag_100055	WYLIVPSR	AGAP009509-PA	-	39	0.001140358	2	1033.583	-0.03	Ovary	3R:+:34975408-34975431	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_101622	DNPMFATVR	AGAP009509-PA	M4(Oxidation)	39	0.001410658	2	1066.499	0.04	Ovary	3R:+:34975372-34975398	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_106781	LQTSPESQEVFK	AGAP009509-PA	-	50	0.00016064	2	1392.700	-0.69	Midgut	3R:+:34975098-34975133	exon=> In CDS Exon 4 of transcript AGAP009509-PA
JHU_Ag_107441	FFSTVSHHSSGEEISNYLPLNTVK	AGAP009509-PA	-	73	7.99E-07	1	2693.329	3.26	Malpighian tubule	3R:+:34975918-34975989	exon=> In CDS Exon 5 of transcript AGAP009509-PA
JHU_Ag_111038	TDFYLVSQSVK	AGAP009509-PA	-	51	0.000109974	2	1286.669	5.15	Malpighian tubule	3R:+:34976339-34976371	exon=> In CDS Exon 6 of transcript AGAP009509-PA
JHU_Ag_111371	TYTIHDVTFETTPESTFDTK	AGAP009509-PA	-	78	2.32E-07	1	2333.083	0.54	Ovary	3R:+:34974689-34974748	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_112395	IRDSYQPMLLSR	AGAP009509-PA	-	51	9.14E-05	2	1478.786	5.05	Malpighian tubule	3R:+:34974800-34974835	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_115286	LSNDELVLHSQHDR	AGAP009509-PA	-	107	3.44E-10	1	1662.830	6.47	Ovary	3R:+:34974266-34974307	exon=> In CDS Exon 3 of transcript AGAP009509-PA
JHU_Ag_2172	DIVFSFPVQIQNR	AGAP009510-PA	-	104	4.51E-10	1	1562.838	3.64	Pupa	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_3374	IVQGLSVDEFTR	AGAP009510-PA	-	92	8.98E-09	1	1363.723	0.94	Male reproductive organs	3R:-:34977922-34977887	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_4356	DVDAAFLVGAMPR	AGAP009510-PA	M11(Oxidation)	103	7.68E-10	2	1361.692	2.41	Head	3R:-:34978664-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_4499	AQAQIAGR	AGAP009510-PA	-	55	1.83E-05	2	814.456	3.41	Salivary gland	3R:-:34978327-34978304	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_4588	GAAVIAAR	AGAP009510-PA	-	50	5.57E-05	2	728.442	0.41	Ovary	3R:-:34978123-34978100	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_4616	TVPEAVADDEFLK	AGAP009510-PA	-	46	0.000537524	2	1433.715	-0.38	Male reproductive organs	3R:-:34978192-34978154	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_5611	DWFAGTR	AGAP009510-PA	-	46	0.000243804	1	852.401	1.77	Visceras	3R:-:34978048-34978028	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_6349	TVPEAVADDEFLKQQFLETVQK	AGAP009510-PA	-	71	7.94E-07	2	2535.309	4.26	Malpighian tubule	3R:-:34978192-34978127	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_7165	AQAQIAGR	AGAP009510-PA	-	33	0.0036124	1	814.453	0.49	Ovary	3R:-:34978327-34978304	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_8348	NVIIWGNHSATQVPDAR	AGAP009510-PA	-	109	2.00E-10	1	1877.964	1.15	Visceras	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_8523	DLLSANVK	AGAP009510-PA	-	49	0.000281957	1	859.487	-1.56	Male reproductive organs	3R:-:34978604-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_10273	KDLLSANVK	AGAP009510-PA	-	57	2.04E-05	2	987.584	0.36	Salivary gland	3R:-:34978607-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_16527	TVPEAVADDEFLK	AGAP009510-PA	-	66	5.40E-06	2	1433.716	0.04	Ovary	3R:-:34978192-34978154	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_17164	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	M7(Oxidation)	101	6.99E-10	1	1947.862	-0.85	Male reproductive organs	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_18723	VVPTADPAVAFK	AGAP009510-PA	-	51	8.33E-05	2	1214.678	-0.3	Head	3R:-:34978700-34978665	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_21904	TVPEAVADDEFLK	AGAP009510-PA	-	63	1.10E-05	1	1433.720	2.77	Head	3R:-:34978192-34978154	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_23694	VVPTADPAVAFK	AGAP009510-PA	-	56	2.90E-05	2	1214.679	0.41	Male reproductive organs	3R:-:34978700-34978665	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_24626	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	-	88	1.89E-08	2	1931.872	1.25	Pupa	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_28786	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	M7(Oxidation)	149	1.11E-14	1	1947.867	1.53	Head	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA

JHU_Ag_28891	DIVFSFPVQIQNR	AGAP009510-PA	-	81	8.49E-08	1	1562.840	4.96	Male reproductive organs	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_29615	VKNVIIWGNHSATQVPDAR	AGAP009510-PA	-	97	1.07E-09	1	2105.139	6.41	Salivary gland	3R:-:34978282-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_33439	KDLLSANVK	AGAP009510-PA	-	41	0.000783729	1	987.584	0.67	Visceras	3R:-:34978607-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_34442	QQFLETVQK	AGAP009510-PA	-	47	0.000308944	2	1120.599	-0.4	Ovary	3R:-:34978153-34978127	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_34749	TVPEAVADDEFLK	AGAP009510-PA	-	41	0.001599791	2	1433.715	-0.81	Salivary gland	3R:-:34978192-34978154	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_35867	GAAVIAAR	AGAP009510-PA	-	47	0.000107033	2	728.441	-0.6	Male reproductive organs	3R:-:34978123-34978100	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_40543	VLVVGNPANTNALVCSHYAPSIPK	AGAP009510-PA	C15(Carbamidomethyl)	108	1.14E-10	1	2521.327	1.61	Malpighian tubule	3R:-:34978438-34978367	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_41917	NASVEVDGATK	AGAP009510-PA	-	67	3.60E-06	1	1090.538	0.09	Ovary	3R:-:34978225-34978193	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_42314	ANFTAMTR	AGAP009510-PA	M6(Oxidation)	35	0.002217286	1	927.435	0.09	Ovary	3R:-:34978366-34978343	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_43627	IVQGLSVDEFTR	AGAP009510-PA	-	75	4.91E-07	1	1363.722	0.49	Salivary gland	3R:-:34977922-34977887	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_44071	NASVEVDGATK	AGAP009510-PA	-	58	2.87E-05	2	1090.539	1.43	Malpighian tubule	3R:-:34978225-34978193	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_44194	GAAVIAAR	AGAP009510-PA	-	58	9.08E-06	2	728.444	3.34	Malpighian tubule	3R:-:34978123-34978100	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_45887	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	M7(Oxidation)	106	2.29E-10	1	1947.863	-0.73	Salivary gland	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_49186	VLVVGNPANTNALVCSHYAPSIPK	AGAP009510-PA	C15(Carbamidomethyl)	104	2.58E-10	1	2521.335	4.58	Male reproductive organs	3R:-:34978438-34978367	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_49502	RGAAVIAAR	AGAP009510-PA	-	57	6.42E-06	2	884.545	2.97	Malpighian tubule	3R:-:34978126-34978100	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_49774	VQGEALDKYAK	AGAP009510-PA	-	48	0.000185756	1	1221.651	2.76	Male reproductive organs	3R:-:34978571-34978539	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_50620	DVDAAFLVGAMPR	AGAP009510-PA	M11(Oxidation)	109	2.51E-10	2	1377.688	3.42	Salivary gland	3R:-:34978664-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_52654	VVVTGAAGQIAYSLLYMVAK	AGAP009510-PA	M17(Oxidation)	91	3.02E-09	2	2070.146	7.29	Salivary gland	3R:-:34978883-34978824	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_53998	VVPTADPAVAFK	AGAP009510-PA	-	54	4.01E-05	2	1214.679	0.61	Salivary gland	3R:-:34978700-34978665	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_59283	DVDAAFLVGAMPR	AGAP009510-PA	-	51	0.000129221	2	1361.686	-1.53	Midgut	3R:-:34978664-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_61174	VQGEALDKYAK	AGAP009510-PA	-	62	7.80E-06	1	1221.650	2.06	Malpighian tubule	3R:-:34978571-34978539	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_61465	VQGEALDK	AGAP009510-PA	-	42	0.001131987	2	859.451	-1.07	Head	3R:-:34978571-34978548	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_62442	TVPEAVADDEFLKQQFLETVQK	AGAP009510-PA	-	54	4.87E-05	1	2535.299	0.38	Male reproductive organs	3R:-:34978192-34978127	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_62619	QQFLETVQK	AGAP009510-PA	-	40	0.001382432	2	1120.603	2.54	Malpighian tubule	3R:-:34978153-34978127	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_63331	DIVFSFPVQIQNR	AGAP009510-PA	-	72	7.73E-07	1	1562.839	4.11	Visceras	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_64622	NVIIWGNHSATQVPDAR	AGAP009510-PA	-	90	1.52E-08	1	1877.972	5.25	Ovary	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_64797	VLVVGNPANTNALVCSHYAPSIPK	AGAP009510-PA	C15(Carbamidomethyl)	106	1.79E-10	1	2521.329	2.4	Visceras	3R:-:34978438-34978367	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_65340	DVDAAFLVGAMPR	AGAP009510-PA	M11(Oxidation)	44	0.000743897	2	1377.682	-0.57	Ovary	3R:-:34978664-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA

JHU_Ag_65965	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	M7(Oxidation)	154	4.10E-15	1	1947.862	-1.35	Ovary	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_66739	IVQGLSVDEFTR	AGAP009510-PA	-	68	2.58E-06	1	1363.724	1.74	Pupa	3R:-:34977922-34977887	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_68771	IVQGLSVDEFTR	AGAP009510-PA	-	85	4.38E-08	2	1363.727	3.71	Malpighian tubule	3R:-:34977922-34977887	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_69478	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	M7(Oxidation)	109	1.55E-10	2	1931.871	0.68	Malpighian tubule	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_69728	VVPTADPAVAFK	AGAP009510-PA	-	44	0.000455 72	1	1214.676	-2.05	Midgut	3R:-:34978700-34978665	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_69776	VKNVIIWGNHSATQVPDAR	AGAP009510-PA	-	156	2.11E-15	1	2105.129	1.7	Malpighian tubule	3R:-:34978282-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_69902	VLVVGNPANTNALVCSHYAPSIPK	AGAP009510-PA	C15(Carbamidomethyl)	152	4.66E-15	1	2521.326	1.27	Head	3R:-:34978438-34978367	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_69996	DIVFSFPVQIQNR	AGAP009510-PA	-	86	3.61E-08	1	1562.832	-0.11	Ovary	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_70173	NVIIWGNHSATQVPDAR	AGAP009510-PA	-	117	3.37E-11	1	1877.964	1.09	Salivary gland	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_72058	TVPEAVADDEFLK	AGAP009510-PA	-	50	0.000183 498	2	1433.718	1.4	Visceras	3R:-:34978192-34978154	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_73999	VLVVGNPANTNALVCSHYAPSIPK	AGAP009510-PA	C15(Carbamidomethyl)	112	5.32E-11	1	2521.323	-0.28	Ovary	3R:-:34978438-34978367	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_75322	DIVFSFPVQIQNR	AGAP009510-PA	-	57	2.43E-05	2	1562.835	1.29	Midgut	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_75421	GAAVIAAR	AGAP009510-PA	-	55	1.18E-05	2	728.441	0.07	Visceras	3R:-:34978123-34978100	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_76153	RGAAVIAAR	AGAP009510-PA	-	45	0.000102 996	2	884.542	-0.2	Head	3R:-:34978126-34978100	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_76554	ANFTAMTR	AGAP009510-PA	-	48	0.000143 776	2	911.441	1.01	Malpighian tubule	3R:-:34978366-34978343	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_77990	IVQGLSVDEFTR	AGAP009510-PA	-	84	6.08E-08	1	1363.728	4.34	Larva	3R:-:34977922-34977887	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_80215	DIVFSFPVQIQNR	AGAP009510-PA	-	51	7.89E-05	2	1562.846	8.64	Larva	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_80821	NVIIWGNHSATQVPDAR	AGAP009510-PA	N7(Deamidated)	122	1.00E-11	1	1877.966	2.39	Malpighian tubule	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_82597	VVPTADPAVAFKDVDAAFLVGAMPR	AGAP009510-PA	M23(Oxidation)	73	2.72E-07	1	2557.360	4.68	Malpighian tubule	3R:-:34978700-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_87639	DLLSANVK	AGAP009510-PA	-	50	0.000188 378	1	859.489	0.43	Malpighian tubule	3R:-:34978604-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_87974	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	-	36	0.003358 076	1	1931.871	0.87	Visceras	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_88287	DIVFSFPVQIQNR	AGAP009510-PA	-	95	4.47E-09	1	1562.830	-1.44	Head	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_88436	DIVFSFPVQIQNR	AGAP009510-PA	-	95	3.52E-09	1	1562.835	1.76	Malpighian tubule	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_90155	KDLLSANVK	AGAP009510-PA	-	40	0.000807 136	2	987.587	3.57	Larva	3R:-:34978607-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_93003	NVIIWGNHSATQVPDAR	AGAP009510-PA	-	80	1.66E-07	2	1877.966	2.32	Midgut	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_94964	TVPEAVADDEFLKQQFLETVQK	AGAP009510-PA	-	71	8.68E-07	1	2535.304	2.26	Ovary	3R:-:34978192-34978127	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_95081	VLVVGNPANTNALVCSHYAPSIPK	AGAP009510-PA	C15(Carbamidomethyl)	35	0.002912 59	1	2521.322	-0.35	Midgut	3R:-:34978438-34978367	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_96023	DGEYVSMGVISDGSYGAPK	AGAP009510-PA	M7(Oxidation)	102	6.38E-10	1	1947.865	0.21	Midgut	3R:-:34978027-34977971	exon=> In CDS Exon 3 of transcript AGAP009510-PA

JHU_Ag_96344	TVPEAVADDEFLKQQFLETVQK	AGAP009510-PA	-	53	5.42E-05	1	2535.298	-0.12	Salivary gland	3R:-:34978192-34978127	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_96383	IVQGLSVDEFTR	AGAP009510-PA	Q3(Deamidated)	88	2.40E-08	1	1363.726	3.08	Head	3R:-:34977922-34977887	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_96833	NVIIWGNHSATQVPDAR	AGAP009510-PA	-	152	8.79E-15	1	1877.968	3.17	Head	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_97495	NASVEVDGATK	AGAP009510-PA	-	51	0.000128977	1	1090.538	0.09	Male reproductive organs	3R:-:34978225-34978193	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_99079	AQAQIAGR	AGAP009510-PA	-	45	0.000262299	2	814.453	-0.49	Malpighian tubule	3R:-:34978327-34978304	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_99907	AASDHMRDWFAGTR	AGAP009510-PA	M6(Oxidation)	89	1.02E-08	1	1636.730	0.61	Malpighian tubule	3R:-:34978069-34978028	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_104469	KDLLSANVK	AGAP009510-PA	-	40	0.000923148	2	987.587	3.45	Male reproductive organs	3R:-:34978607-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_104759	NASVEVDGATK	AGAP009510-PA	-	75	5.83E-07	1	1090.538	0.09	Visceras	3R:-:34978225-34978193	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_105267	NVIIWGNHSATQVPDAR	AGAP009510-PA	-	66	3.60E-06	2	1877.964	0.96	Pupa	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_107309	DVDAAFLVGAMPR	AGAP009510-PA	M11(Oxidation)	62	1.27E-05	2	1377.686	2.35	Visceras	3R:-:34978664-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_107909	IVQGLSVDEFTR	AGAP009510-PA	-	87	3.10E-08	1	1363.723	0.76	Ovary	3R:-:34977922-34977887	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_108386	RGAAVIAAR	AGAP009510-PA	-	46	8.03E-05	1	884.546	3.8	Salivary gland	3R:-:34978126-34978100	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_108663	DVDAAFLVGAMPR	AGAP009510-PA	M11(Oxidation)	66	4.48E-06	2	1377.684	0.32	Male reproductive organs	3R:-:34978664-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_109414	KDLLSANVK	AGAP009510-PA	-	53	3.57E-05	2	987.587	3.64	Malpighian tubule	3R:-:34978607-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_109440	VLVVGNPANTNALVCSHYAPSIPK	AGAP009510-PA	C15(Carbamidomethyl)	117	1.45E-11	1	2521.325	0.59	Salivary gland	3R:-:34978438-34978367	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_109571	DWFAGTR	AGAP009510-PA	-	43	0.000523928	1	852.402	2.13	Salivary gland	3R:-:34978048-34978028	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_111760	VVPTADPAVAFK	AGAP009510-PA	-	59	1.42E-05	1	1214.678	-0.2	Ovary	3R:-:34978700-34978665	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_112727	DIVFSFPVQIQNR	AGAP009510-PA	-	92	7.07E-09	1	1562.839	4.34	Salivary gland	3R:-:34977970-34977932	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_113145	NVIIWGNHSATQVPDAR	AGAP009510-PA	-	114	7.44E-11	1	1877.962	0.37	Male reproductive organs	3R:-:34978276-34978226	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_114686	DVDAAFLVGAMPR	AGAP009510-PA	-	49	0.000197574	2	1361.694	4.12	Malpighian tubule	3R:-:34978664-34978626	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_115322	DLLSANVK	AGAP009510-PA	-	46	0.000503535	1	859.489	0.93	Head	3R:-:34978604-34978581	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_116668	ANFTAMTR	AGAP009510-PA	-	47	0.000151527	1	911.438	-2.94	Head	3R:-:34978366-34978343	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_117103	TVPEAVADDEFLK	AGAP009510-PA	-	98	3.23E-09	1	1433.720	2.94	Malpighian tubule	3R:-:34978192-34978154	exon=> In CDS Exon 3 of transcript AGAP009510-PA
JHU_Ag_117409	VVVTGAAGQIAYSLLYMVAK	AGAP009510-PA	M17(Oxidation)	168	9.27E-17	1	2070.129	-0.77	Ovary	3R:-:34978883-34978824	exon=> In CDS Exon 2 of transcript AGAP009510-PA
JHU_Ag_8789	LQQQIQDPLVLSSGSLPK	AGAP009511-PA	-	45	0.000196811	2	1951.082	-2.17	Male reproductive organs	3R:-:34992974-34992921	exon=> In CDS Exon 10 of transcript AGAP009511-PA
JHU_Ag_79058	LREFLDQFVTNQQVVTR	AGAP009512-PA	-	97	1.23E-09	1	2093.114	-0.08	Ovary	3R:+:35023113-35023163	exon=> In CDS Exon 3 of transcript AGAP009512-PA
JHU_Ag_96309	QALYACLTCVPEAR	AGAP009512-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	92	1.14E-08	1	1651.798	2.96	Ovary	3R:+:35022126-35022167	exon=> In CDS Exon 2 of transcript AGAP009512-PA
JHU_Ag_103499	DDINEFFAK	AGAP009512-PA	-	67	1.92E-06	1	1098.509	-1.31	Ovary	3R:+:35023164-35023190	exon=> In CDS Exon 3 of transcript AGAP009512-PA

JHU_Ag_4333	LSTPPQLVK	AGAP009513-PA	Q6(Deamidated)	36	0.000845884	1	983.581	4.15	Larva	3R:-:35030113-35030087	exon=> In CDS Exon 1 of transcript AGAP009513-PA
JHU_Ag_36423	QFDLLK	AGAP009514-PA	-	28	0.009753293	1	763.434	-0.67	Midgut	3R:+:35052092-35052109	exon=> In CDS Exon 7 of transcript AGAP009514-PA
JHU_Ag_41225	EGPEHKPHPHNLVGK	AGAP009515-PA	-	48	0.00023838	1	1675.868	0.97	Pupa	3R:-:35061175-35061131	exon=> In CDS Exon 3 of transcript AGAP009515-PA
JHU_Ag_64500	FTEPLTPVVSDIIYDK	AGAP009515-PA	-	112	6.53E-11	1	1836.973	5.53	Head	3R:-:35060821-35060774	exon=> In CDS Exon 4 of transcript AGAP009515-PA
JHU_Ag_12177	VTVPALR	AGAP009518-PA	-	32	0.001971615	1	755.479	1.57	Head	3R:-:35136434-35136414	exon=> In CDS Exon 1 of transcript AGAP009518-PA
JHU_Ag_18218	EGTKPDPPSLFQLR	AGAP009518-PA	-	32	0.005714831	1	1584.845	4.51	Head	3R:-:35131941-35132031,35131422-35131812	exon=> In CDS Exon 6 and 5 of transcript AGAP009518-PA
JHU_Ag_24239	DTNTVQTAVEDKDATIR	AGAP009518-PA	-	117	3.71E-11	1	1876.931	3.43	Head	3R:-:35136235-35136185	exon=> In CDS Exon 2 of transcript AGAP009518-PA
JHU_Ag_28784	AFQISATGSSFEEK	AGAP009518-PA	-	70	1.12E-06	1	1501.719	1.13	Head	3R:-:35132445-35132404	exon=> In CDS Exon 3 of transcript AGAP009518-PA
JHU_Ag_29894	DTNTVQTAVEDK	AGAP009518-PA	Q6(Deamidated)	91	1.25E-08	1	1320.630	1.5	Head	3R:-:35136235-35136200	exon=> In CDS Exon 2 of transcript AGAP009518-PA
JHU_Ag_53650	NELGSVTQEIHLK	AGAP009518-PA	-	109	1.19E-10	1	1467.785	3.55	Head	3R:-:35131980-35131942	exon=> In CDS Exon 5 of transcript AGAP009518-PA
JHU_Ag_65119	GVNSDTLDIDVGATK	AGAP009518-PA	-	127	3.68E-12	2	1504.753	2.63	Head	3R:-:35131811-35131767	exon=> In CDS Exon 6 of transcript AGAP009518-PA
JHU_Ag_68806	MVTCSHPDHPEVR	AGAP009518-PA	M1(Oxidation), C4(Carbamidomethyl)	57	1.51E-05	1	1580.695	0.16	Head	3R:-:35136647-35136609	exon=> In CDS Exon 1 of transcript AGAP009518-PA
JHU_Ag_72891	MIVYEPISFR	AGAP009518-PA	M1(Oxidation)	55	2.91E-05	2	1254.660	4.02	Head	3R:-:35136401-35136776,35136112-35136236	exon=> In CDS Exon 2 and 1 of transcript AGAP009518-PA
JHU_Ag_113004	VHIEDKGDSLALIFEAIAR	AGAP009518-PA	-	80	5.88E-08	1	2097.145	5.42	Head	3R:-:35136557-35136501	exon=> In CDS Exon 1 of transcript AGAP009518-PA
JHU_Ag_115900	VHIEDK	AGAP009518-PA	-	42	0.000331799	1	740.393	-0.53	Head	3R:-:35136557-35136540	exon=> In CDS Exon 1 of transcript AGAP009518-PA
JHU_Ag_27088	QLTPLMIAR	AGAP009521-PA	-	29	0.008972498	1	1042.623	14.18	Head	3R:-:35211640-35211614	exon=> In CDS Exon 2 of transcript AGAP009521-PA
JHU_Ag_49923	MLELLLR	AGAP009521-PA	-	30	0.007755809	1	887.538	-0.92	Midgut	3R:-:35212288-35212268	exon=> In CDS Exon 1 of transcript AGAP009521-PA
JHU_Ag_26498	YSTVGNAPAQPAPPTLR	AGAP009522-PA	-	65	4.40E-06	1	1739.913	3.12	Malpighian tubule	3R:-:35316176-35316126	exon=> In CDS Exon 10 of transcript AGAP009522-PA
JHU_Ag_47867	FTVHNLQHGVTYAFK	AGAP009522-PA	-	44	0.000558924	1	1761.911	2.45	Salivary gland	3R:-:35313804-35313760	exon=> In CDS Exon 13 of transcript AGAP009522-PA
JHU_Ag_54252	YSTVGNAPAQPAPPTLR	AGAP009522-PA	-	83	6.42E-08	1	1739.911	1.79	Salivary gland	3R:-:35316176-35316126	exon=> In CDS Exon 10 of transcript AGAP009522-PA
JHU_Ag_4453	NELPVFLK	AGAP009526-PA	N1(Deamidated)	42	0.000907618	2	960.542	1.63	Visceras	3R:-:35305211-35305188	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_6548	KMLTFQAK	AGAP009526-PA	M2(Oxidation)	42	0.000477637	2	982.539	-0.08	Visceras	3R:-:35305235-35305212	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_11883	LVYDLGFAK	AGAP009526-PA	-	44	0.000204783	2	1025.569	1.95	Pupa	3R:-:35305112-35305086	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_18531	GHHPEPPVMISDKLPESLR	AGAP009526-PA	M9(Oxidation)	96	3.46E-09	1	2155.101	2.28	Visceras	3R:-:35305295-35305239	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_32153	GHHPEPPVMISDKLPESLR	AGAP009526-PA	M9(Oxidation)	43	0.000565687	1	2155.101	1.89	Head	3R:-:35305295-35305239	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_46162	GHHPEPPVMISDKLPESLR	AGAP009526-PA	M9(Oxidation)	103	6.53E-10	1	2139.096	-2.6	Midgut	3R:-:35305295-35305239	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_63037	NELPVFLK	AGAP009526-PA	-	34	0.003991775	1	959.558	2.4	Malpighian tubule	3R:-:35305211-35305188	exon=> In CDS Exon 1 of transcript AGAP009526-PA

JHU_Ag_70655	NELPVFLK	AGAP009526-PA	-	35	0.004525759	1	959.555	-1.34	Head	3R:-:35305211-35305188	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_75696	MLTFQAK	AGAP009526-PA	M1(Oxidation)	31	0.006830175	1	854.443	-0.86	Head	3R:-:35305232-35305212	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_79158	LVYDLGFAK	AGAP009526-PA	-	60	5.26E-06	1	1025.569	2.38	Visceras	3R:-:35305112-35305086	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_86564	GHHPEPPVMISDKLPESLR	AGAP009526-PA	M9(Oxidation)	81	9.55E-08	1	2155.099	1.26	Malpighian tubule	3R:-:35305295-35305239	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_88493	MLTFQAK	AGAP009526-PA	M1(Oxidation)	47	0.000136634	2	838.450	1.05	Visceras	3R:-:35305232-35305212	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_89580	GHHPEPPVMISDK	AGAP009526-PA	M9(Oxidation)	75	4.54E-07	1	1459.695	-3.37	Head	3R:-:35305295-35305257	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_105586	NELPVFLK	AGAP009526-PA	-	31	0.011767696	2	959.553	-2.75	Midgut	3R:-:35305211-35305188	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_115727	LVYDLGFAK	AGAP009526-PA	-	60	6.85E-06	1	1025.568	0.95	Head	3R:-:35305112-35305086	exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_10287	KAPIQIPEEILD	AGAP009527-PA	-	36	0.001735017	2	1365.760	-1.6	Midgut	3R:+:35369300-35369335	exon=> In CDS Exon 1 of transcript AGAP009527-PA
JHU_Ag_374	LTEINVDEVGVGGAK	AGAP009528-PA	-	73	7.64E-07	2	1500.793	1.51	Malpighian tubule	3R:+:35394726-35394770	exon=> In CDS Exon 3 of transcript AGAP009528-PA
JHU_Ag_8982	LGAPQTHLGLK	AGAP009528-PA	-	33	0.002628413	1	1134.663	-0.1	Head	3R:+:35394479-35394511	exon=> In CDS Exon 2 of transcript AGAP009528-PA
JHU_Ag_14645	YDVGNDGYLDLAELK	AGAP009528-PA	-	127	3.13E-12	2	1684.810	1.98	Head	3R:+:35394419-35394463	exon=> In CDS Exon 2 of transcript AGAP009528-PA
JHU_Ag_21437	AGELVSDSGLGQLAR	AGAP009528-PA	-	75	3.65E-07	2	1472.772	1.33	Salivary gland	3R:+:35394681-35394725	exon=> In CDS Exon 3 of transcript AGAP009528-PA
JHU_Ag_33240	VVNIYTEFHEFSR	AGAP009528-PA	-	37	0.002441869	1	1640.812	2.91	Head	3R:+:35382441-35382479	exon=> In CDS Exon 1 of transcript AGAP009528-PA
JHU_Ag_53688	AGELVSDSGLGQLAR	AGAP009528-PA	-	71	1.15E-06	2	1472.767	-2.57	Head	3R:+:35394681-35394725	exon=> In CDS Exon 3 of transcript AGAP009528-PA
JHU_Ag_106593	AGELVSDSGLGQLAR	AGAP009528-PA	-	82	8.26E-08	1	1472.773	1.74	Malpighian tubule	3R:+:35394681-35394725	exon=> In CDS Exon 3 of transcript AGAP009528-PA
JHU_Ag_117587	GNPALFRTEPILPK	AGAP009531-PA	-	29	0.003518032	1	1552.891	4.1	Visceras	3R:-:35417585-35417544	exon=> In CDS Exon 3 of transcript AGAP009531-PA
JHU_Ag_29934	QNVTCQR	AGAP009533-PA	Q1(Deamidated), N2(Deamidated), C5(Carbamidomethyl)	29	0.008266523	2	907.402	8.55	Head	3R:-:35432544-35432927,35432310-35432439	exon=> In CDS Exon 4 and 3 of transcript AGAP009533-PA
JHU_Ag_1043	GDLIAYLK	AGAP009537-PA	-	44	0.000441897	2	892.513	-1.55	Head	3R:+:35606874-35606897	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_2432	TGQAAGFSYTDANK	AGAP009537-PA	-	77	1.85E-07	1	1430.652	-1.79	Ovary	3R:+:35606718-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_6470	GDLIAYLK	AGAP009537-PA	-	47	0.000188071	2	892.512	-1.75	Midgut	3R:+:35606874-35606897	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_10036	GVPAGDVEK	AGAP009537-PA	-	44	0.000253601	1	871.452	-0.36	Head	3R:+:35606589-35606615	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_11029	TGQAAGFSYTDANKAK	AGAP009537-PA	-	118	2.47E-11	1	1629.791	2.62	Malpighian tubule	3R:+:35606718-35606765	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_11675	GITWNEDTLFEYLENPKK	AGAP009537-PA	-	159	1.60E-15	1	2197.091	4.26	Malpighian tubule	3R:+:35606766-35606819	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_13236	GITWNEDTLFEYLENPK	AGAP009537-PA	N5(Deamidated)	98	2.71E-09	1	2068.984	-1.02	Midgut	3R:+:35606766-35606816	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_16115	VGPNLHGLFGR	AGAP009537-PA	-	67	1.05E-06	1	1166.646	2.33	Male reproductive organs	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_19906	GITWNEDTLFEYLENPK	AGAP009537-PA	-	132	1.04E-12	1	2068.998	5.47	Malpighian tubule	3R:+:35606766-35606816	exon=> In CDS Exon 1 of transcript AGAP009537-PA

JHU_Ag_21284	VGPNLHGLFGR	AGAP009537-PA	N4(Deamidated)	88	1.11E-08	1	1166.644	0.55	Head	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_25101	VGPNLHGLFGRK	AGAP009537-PA	-	74	1.65E-07	1	1294.739	0.87	Visceras	3R:+:35606682-35606717	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_28204	GVPAGDVEKGK	AGAP009537-PA	-	38	0.001116528	2	1056.569	0.63	Malpighian tubule	3R:+:35606589-35606621	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_28997	VGPNLHGLFGRK	AGAP009537-PA	-	34	0.001667432	1	1294.738	0.4	Head	3R:+:35606682-35606717	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_30787	GITWNEDTLFEYLENPK	AGAP009537-PA	-	132	1.04E-12	1	2068.989	1.34	Visceras	3R:+:35606766-35606816	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_35565	KTGQAAGFSYTDANK	AGAP009537-PA	-	95	4.25E-09	2	1558.753	2.04	Ovary	3R:+:35606715-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_44688	TGQAAGFSYTDANK	AGAP009537-PA	-	97	1.75E-09	1	1430.656	0.69	Visceras	3R:+:35606718-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_46026	GDLIAYLK	AGAP009537-PA	-	60	8.02E-06	2	892.514	-0.11	Visceras	3R:+:35606874-35606897	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_47697	KPQERGDLIAYLK	AGAP009537-PA	-	77	9.25E-08	1	1530.868	2.72	Malpighian tubule	3R:+:35606859-35606897	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_47826	GDLIAYLK	AGAP009537-PA	-	49	0.000101235	1	892.513	-0.45	Ovary	3R:+:35606874-35606897	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_49565	KYIPGTK	AGAP009537-PA	-	42	0.000399069	1	806.477	0.48	Head	3R:+:35606817-35606837	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_50080	KTGQAAGFSYTDANK	AGAP009537-PA	-	102	9.72E-10	1	1558.755	3.3	Larva	3R:+:35606715-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_50160	VGPNLHGLFGR	AGAP009537-PA	-	80	5.73E-08	1	1166.646	2.64	Malpighian tubule	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_51736	AKGITWNEDTLFEYLENPK	AGAP009537-PA	-	58	2.55E-05	1	2268.120	0.75	Head	3R:+:35606760-35606816	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_54765	VGPNLHGLFGR	AGAP009537-PA	N4(Deamidated)	85	1.98E-08	1	1166.644	0.76	Visceras	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_55367	GITWNEDTLFEYLENPKK	AGAP009537-PA	N5(Deamidated)	160	1.48E-15	1	2197.085	1.82	Visceras	3R:+:35606766-35606819	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_57732	GITWNEDTLFEYLENPKK	AGAP009537-PA	-	124	5.61E-12	1	2197.090	3.82	Midgut	3R:+:35606766-35606819	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_57913	KLFVQR	AGAP009537-PA	-	30	0.001806149	1	790.494	1.05	Malpighian tubule	3R:+:35606622-35606639	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_58219	KTGQAAGFSYTDANK	AGAP009537-PA	-	119	1.87E-11	1	1558.754	2.9	Malpighian tubule	3R:+:35606715-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_58699	GVPAGDVEK	AGAP009537-PA	-	40	0.000650356	1	871.454	1.89	Visceras	3R:+:35606589-35606615	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_61152	HKVGPNLHGLFGR	AGAP009537-PA	-	66	2.10E-06	1	1431.799	1.23	Visceras	3R:+:35606676-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_62592	GITWNEDTLFEYLENPKK	AGAP009537-PA	-	100	1.29E-09	2	2197.092	4.93	Head	3R:+:35606766-35606819	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_63720	KTGQAAGFSYTDANK	AGAP009537-PA	-	56	3.48E-05	2	1558.750	0.08	Male reproductive organs	3R:+:35606715-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_70341	TGQAAGFSYTDANK	AGAP009537-PA	-	60	1.19E-05	2	1430.660	3.5	Larva	3R:+:35606718-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_74348	KTGQAAGFSYTDANK	AGAP009537-PA	-	96	3.43E-09	1	1558.752	1.18	Visceras	3R:+:35606715-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_74761	KTGQAAGFSYTDANK	AGAP009537-PA	-	121	1.16E-11	1	1558.749	-0.62	Head	3R:+:35606715-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_78886	VGPNLHGLFGR	AGAP009537-PA	-	79	7.71E-08	1	1166.643	-0.39	Midgut	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_79588	VGPNLHGLFGR	AGAP009537-PA	-	69	7.79E-07	1	1166.648	4.73	Larva	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA

JHU_Ag_84437	TGQAAGFSYTDANK	AGAP009537-PA	-	93	5.45E-09	1	1430.660	3.68	Malpighian tubule	3R:+:35606718-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_86682	MVFAGLK	AGAP009537-PA	-	35	0.003786822	1	765.434	1.66	Visceras	3R:+:35606838-35606858	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_88518	MVFAGLK	AGAP009537-PA	-	39	0.001289065	1	765.433	-0.41	Head	3R:+:35606838-35606858	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_89396	GVPAGDVEK	AGAP009537-PA	N-Term(Acetyl)	46	0.000212472	1	913.465	2.33	Visceras	3R:+:35606589-35606615	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_90218	VGPNLHGLFGR	AGAP009537-PA	-	68	1.10E-06	1	1166.643	-0.12	Ovary	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_90904	GITWNEDTLFEYLENPK	AGAP009537-PA	-	118	2.74E-11	1	2068.989	1.1	Ovary	3R:+:35606766-35606816	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_91667	TGQAAGFSYTDANK	AGAP009537-PA	-	102	6.49E-10	1	1430.653	-1.27	Head	3R:+:35606718-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_95033	VGPNLHGLFGRK	AGAP009537-PA	-	77	8.30E-08	1	1294.740	1.82	Malpighian tubule	3R:+:35606682-35606717	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_97036	AKGITWNEDTLFEYLENPK	AGAP009537-PA	-	46	0.000370964	1	2268.131	5.6	Visceras	3R:+:35606760-35606816	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_97966	TGQAAGFSYTDANK	AGAP009537-PA	-	59	1.19E-05	2	1430.659	2.74	Midgut	3R:+:35606718-35606759	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_98207	KYIPGTK	AGAP009537-PA	-	48	9.34E-05	1	806.478	1.31	Visceras	3R:+:35606817-35606837	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_99794	GITWNEDTLFEYLENPK	AGAP009537-PA	N5(Deamidated)	132	1.04E-12	1	2068.995	4.05	Head	3R:+:35606766-35606816	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_100189	MVFAGLKKPQER	AGAP009537-PA	M1(Oxidation)	75	2.81E-07	1	1403.784	1.15	Malpighian tubule	3R:+:35606838-35606873	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_100337	HKVGPNLHGLFGR	AGAP009537-PA	-	57	1.36E-05	1	1431.799	1.74	Malpighian tubule	3R:+:35606676-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_103172	KLFVQR	AGAP009537-PA	-	34	0.001318625	2	790.494	0.2	Visceras	3R:+:35606622-35606639	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_109885	VGPNLHGLFGR	AGAP009537-PA	-	64	2.67E-06	1	1166.642	-0.98	Salivary gland	3R:+:35606682-35606714	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_112468	GDLIAYLK	AGAP009537-PA	-	50	7.30E-05	1	892.516	2.62	Malpighian tubule	3R:+:35606874-35606897	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_114491	KLFVQR	AGAP009537-PA	-	32	0.001923629	2	790.493	-0.65	Ovary	3R:+:35606622-35606639	exon=> In CDS Exon 1 of transcript AGAP009537-PA
JHU_Ag_664	ITVNLPLTINK	AGAP009538-PA	-	63	1.08E-06	1	1225.752	0.81	Ovary	3R:+:35612557-35612589	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_3379	ITVNLPLTINK	AGAP009538-PA	-	30	0.001605033	2	1225.756	3.79	Malpighian tubule	3R:+:35612557-35612589	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_3830	ITVNLPLTINK	AGAP009538-PA	-	28	0.003954284	2	1225.754	1.9	Pupa	3R:+:35612557-35612589	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_5514	ESSILAVLKK	AGAP009538-PA	-	40	0.000163727	2	1087.674	1.89	Malpighian tubule	3R:+:35611804-35611833	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_6303	ITVNLPLTINK	AGAP009538-PA	-	46	4.04E-05	1	1225.757	4.39	Visceras	3R:+:35612557-35612589	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_7074	QSAALCLLR	AGAP009538-PA	C6(Carbamidomethyl)	48	0.000187331	2	1031.572	4.76	Malpighian tubule	3R:+:35610472-35610498	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_9069	NNGVLFENDLLQIGVK	AGAP009538-PA	-	77	1.91E-07	2	1772.955	0.31	Head	3R:+:35612248-35612295	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_9322	LLQNYNPPTEDPGVR	AGAP009538-PA	-	85	5.23E-08	1	1712.861	0.42	Head	3R:+:35610766-35610810	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_10769	VAILAEK	AGAP009538-PA	-	43	0.000200016	2	743.466	-0.13	Head	3R:+:35611261-35611281	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_11887	LLQNYNPPTEDPGVR	AGAP009538-PA	-	58	2.33E-05	2	1712.862	1.13	Pupa	3R:+:35610766-35610810	exon=> In CDS Exon 3 of transcript AGAP009538-PA

JHU_Ag_12261	GLAVFISDIR	AGAP009538-PA	-	46	0.000210619	2	1090.620	-4.74	Midgut	3R:+:35609833-35609862	exon=> In CDS Exon 1 of transcript AGAP009538-PA
JHU_Ag_12679	ACNQLGQFLSNR	AGAP009538-PA	C2(Carbamidomethyl)	88	2.37E-08	1	1407.679	-0.58	Head	3R:+:35610967-35611002	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_14631	VPENAEIR	AGAP009538-PA	-	40	0.000864561	2	927.489	-0.05	Ovary	3R:+:35611849-35611872	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_14909	TVFEALQAPACHENMVK	AGAP009538-PA	C11(Carbamidomethyl), M15(Oxidation)	42	0.001104353	1	1960.932	3.39	Salivary gland	3R:+:35611423-35611473	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_16037	LGLYYGNK	AGAP009538-PA	-	39	0.000837718	2	927.494	0.19	Salivary gland	3R:+:35612323-35612346	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_16647	LGLYYGNK	AGAP009538-PA	-	39	0.00085179	2	927.497	3.28	Malpighian tubule	3R:+:35612323-35612346	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_17946	ACNQLGQFLSNRETNLR	AGAP009538-PA	C2(Carbamidomethyl)	95	5.83E-09	1	2021.008	4.71	Malpighian tubule	3R:+:35610967-35611017	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_18441	LIIQSIK	AGAP009538-PA	-	48	4.39E-05	2	814.539	-1.18	Salivary gland	3R:+:35610307-35610327	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_21940	FINLFPEIR	AGAP009538-PA	-	42	0.000413767	2	1148.650	3.17	Ovary	3R:+:35611621-35611647	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_24840	NNGVLFENDLLQIGVK	AGAP009538-PA	-	65	3.24E-06	2	1772.960	3.27	Malpighian tubule	3R:+:35612248-35612295	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_26601	GLAVFISDIR	AGAP009538-PA	-	61	6.83E-06	1	1090.628	1.86	Malpighian tubule	3R:+:35609833-35609862	exon=> In CDS Exon 1 of transcript AGAP009538-PA
JHU_Ag_29979	ESSILAVLK	AGAP009538-PA	-	48	0.000147061	2	959.577	-0.6	Male reproductive organs	3R:+:35611804-35611830	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_32000	FINLFPEIR	AGAP009538-PA	-	40	0.000750978	1	1148.647	0.3	Malpighian tubule	3R:+:35611621-35611647	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_41035	FFEPTEMNAESFFAR	AGAP009538-PA	M7(Oxidation)	99	9.00E-10	2	1838.809	1.84	Head	3R:+:35612590-35612634	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_42322	LNVQIK	AGAP009538-PA	-	43	0.000257488	2	714.450	-0.81	Head	3R:+:35612410-35612427	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_47121	VFKAQQPLDLPGAR	AGAP009538-PA	-	36	0.001219437	2	1539.870	3.91	Malpighian tubule	3R:+:35612754-35612795	exon=> In CDS Exon 6 of transcript AGAP009538-PA
JHU_Ag_47438	LLVSGDTMDVVK	AGAP009538-PA	-	64	6.31E-06	1	1276.683	0.78	Ovary	3R:+:35610436-35610471	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_47605	GLAVFISDIR	AGAP009538-PA	-	72	5.53E-07	2	1090.624	-1.5	Male reproductive organs	3R:+:35609833-35609862	exon=> In CDS Exon 1 of transcript AGAP009538-PA
JHU_Ag_51148	VGGYILGEFGNLIAGDSR	AGAP009538-PA	-	101	8.91E-10	1	1837.953	4.85	Head	3R:+:35611474-35611527	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_52994	FINLFPEIR	AGAP009538-PA	-	43	0.000367172	2	1148.646	-0.34	Male reproductive organs	3R:+:35611621-35611647	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_54777	LLQNYNPPTEDPGVRGR	AGAP009538-PA	-	44	0.00048934	1	1925.990	3.93	Malpighian tubule	3R:+:35610766-35610816	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_55740	LLVSGDTMDVVK	AGAP009538-PA	M8(Oxidation)	49	0.000166829	2	1292.680	2.25	Malpighian tubule	3R:+:35610436-35610471	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_57446	ITVNLPLTINK	AGAP009538-PA	-	60	2.58E-06	2	1225.750	-1.48	Head	3R:+:35612557-35612589	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_58793	VGCLLR	AGAP009538-PA	C3(Carbamidomethyl)	40	0.002658869	2	717.407	-1.2	Head	3R:+:35612895-35612912	exon=> In CDS Exon 6 of transcript AGAP009538-PA
JHU_Ag_60164	NNGVLFENDLLQIGVK	AGAP009538-PA	-	79	1.16E-07	2	1772.959	2.58	Salivary gland	3R:+:35612248-35612295	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_61583	INKELANIR	AGAP009538-PA	-	52	4.11E-05	1	1070.633	1.52	Malpighian tubule	3R:+:35609991-35610017	exon=> In CDS Exon 2 of transcript AGAP009538-PA
JHU_Ag_61739	AQQPLDLPGAR	AGAP009538-PA	-	44	0.000414306	1	1165.632	-0.5	Salivary gland	3R:+:35612763-35612795	exon=> In CDS Exon 6 of transcript AGAP009538-PA
JHU_Ag_63424	LLQNYNPPTEDPGVRGR	AGAP009538-PA	-	37	0.002622067	1	1925.985	1.08	Ovary	3R:+:35610766-35610816	exon=> In CDS Exon 3 of transcript AGAP009538-PA

JHU_Ag_63530	LNVQIK	AGAP009538-PA	-	42	0.000265313	2	714.451	-0.21	Salivary gland	3R:+:35612410-35612427	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_63665	FFEPTEMNAESFFAR	AGAP009538-PA	M7(Oxidation)	76	2.19E-07	1	1822.816	2.95	Ovary	3R:+:35612590-35612634	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_64804	YLALESMCHLATSEFSHEAVK	AGAP009538-PA	M7(Oxidation), C8(Carbamidomethyl)	62	8.73E-06	1	2439.129	-1.28	Head	3R:+:35611018-35611080	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_65027	QSAALCLLR	AGAP009538-PA	C6(Carbamidomethyl)	67	2.97E-06	2	1031.567	0.61	Ovary	3R:+:35610472-35610498	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_67052	GRLNECLETILNK	AGAP009538-PA	C6(Carbamidomethyl)	51	0.000108006	2	1559.829	5.02	Head	3R:+:35610811-35610849	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_69490	IAGDYVSEEVWYR	AGAP009538-PA	-	85	4.55E-08	1	1586.748	-0.4	Ovary	3R:+:35611333-35611371	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_70040	AQQPLDLPGAR	AGAP009538-PA	-	58	1.40E-05	1	1165.636	3.06	Malpighian tubule	3R:+:35612763-35612795	exon=> In CDS Exon 6 of transcript AGAP009538-PA
JHU_Ag_73429	GLAVFISDIRNCK	AGAP009538-PA	C12(Carbamidomethyl)	74	4.81E-07	1	1492.802	5.47	Malpighian tubule	3R:+:35609833-35609866,35609962-35609966	exon=> In CDS Exon 1 and 2 of transcript AGAP009538-PA
JHU_Ag_75275	GTIQDVFR	AGAP009538-PA	-	36	0.003922067	1	935.494	-0.58	Male reproductive organs	3R:+:35611648-35611671	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_77349	VGGYILGEFGNLIAGDSR	AGAP009538-PA	-	88	2.00E-08	2	1837.955	5.98	Salivary gland	3R:+:35611474-35611527	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_78583	VGCLLR	AGAP009538-PA	C3(Carbamidomethyl)	42	0.001414806	2	717.407	-1.03	Ovary	3R:+:35612895-35612912	exon=> In CDS Exon 6 of transcript AGAP009538-PA
JHU_Ag_78703	ESSILAVLKK	AGAP009538-PA	-	36	0.000443731	1	1087.672	-0.36	Ovary	3R:+:35611804-35611833	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_78789	FINLFPEIR	AGAP009538-PA	-	47	0.000174432	1	1148.646	-0.02	Head	3R:+:35611621-35611647	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_79059	TCPDIIPGGEWTSR	AGAP009538-PA	C2(Carbamidomethyl)	37	0.002354535	2	1588.745	1.53	Ovary	3R:+:35610508-35610549	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_83164	HQEVVILSMK	AGAP009538-PA	-	55	2.54E-05	1	1183.648	-1.63	Head	3R:+:35611084-35611113	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_83166	GTIQDVFR	AGAP009538-PA	-	53	8.54E-05	2	935.493	-1.5	Ovary	3R:+:35611648-35611671	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_83468	GLAVFISDIRNCK	AGAP009538-PA	C12(Carbamidomethyl)	74	5.01E-07	1	1492.794	0.23	Ovary	3R:+:35609833-35609866,35609962-35609966	exon=> In CDS Exon 1 and 2 of transcript AGAP009538-PA
JHU_Ag_83508	GCVSLAVSR	AGAP009538-PA	C2(Carbamidomethyl)	53	8.53E-05	2	948.493	-0.15	Salivary gland	3R:+:35610646-35610672	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_83524	TQTALQNFVPTLQWSAEDALK	AGAP009538-PA	-	66	2.85E-06	2	2361.218	3.8	Head	3R:+:35612347-35612409	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_86573	GTIQDVFR	AGAP009538-PA	-	41	0.001090975	2	935.500	5.94	Head	3R:+:35611648-35611671	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_87333	ACNQLGQFLSNRETNLR	AGAP009538-PA	C2(Carbamidomethyl)	67	3.32E-06	1	2020.998	-0.1	Ovary	3R:+:35610967-35611017	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_95161	LLQNYNPPTEDPGVR	AGAP009538-PA	-	60	1.61E-05	1	1712.863	1.84	Ovary	3R:+:35610766-35610810	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_95710	LNECLETILNK	AGAP009538-PA	C4(Carbamidomethyl)	83	1.04E-07	2	1346.699	0.4	Ovary	3R:+:35610817-35610849	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_96475	LNECLETILNK	AGAP009538-PA	C4(Carbamidomethyl)	85	6.13E-08	1	1346.700	0.94	Head	3R:+:35610817-35610849	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_100308	QSAALCLLR	AGAP009538-PA	C6(Carbamidomethyl)	51	0.000106713	2	1031.568	1.44	Salivary gland	3R:+:35610472-35610498	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_100959	VGCLLR	AGAP009538-PA	C3(Carbamidomethyl)	46	0.000668669	2	717.408	0.16	Salivary gland	3R:+:35612895-35612912	exon=> In CDS Exon 6 of transcript AGAP009538-PA
JHU_Ag_101390	SADAELQQR	AGAP009538-PA	-	68	1.70E-06	2	1017.494	-1.55	Salivary gland	3R:+:35611690-35611716	exon=> In CDS Exon 3 of transcript AGAP009538-PA

JHU_Ag_101470	LGLYYGNK	AGAP009538-PA	-	42	0.000508342	2	927.492	-1.26	Head	3R:+:35612323-35612346	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_102545	LLVSGDTMDVVK	AGAP009538-PA	-	39	0.001490102	2	1276.688	4.51	Head	3R:+:35610436-35610471	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_103251	ESSILAVLKK	AGAP009538-PA	-	53	8.12E-06	1	1087.670	-1.59	Salivary gland	3R:+:35611804-35611833	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_104231	ACNQLGQFLSNR	AGAP009538-PA	C2(Carbamidomethyl)	57	3.49E-05	2	1407.678	-1.27	Salivary gland	3R:+:35610967-35611002	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_104273	ALLLSTYIK	AGAP009538-PA	-	36	0.000426697	1	1021.629	-0.58	Head	3R:+:35611594-35611620	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_104870	ITVNLPLTINK	AGAP009538-PA	-	81	2.02E-08	1	1225.752	0.41	Salivary gland	3R:+:35612557-35612589	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_105139	FFEPTEMNAESFFAR	AGAP009538-PA	M7(Oxidation)	74	3.03E-07	2	1838.814	4.76	Salivary gland	3R:+:35612590-35612634	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_105475	VGGYILGEFGNLIAGDSR	AGAP009538-PA	-	76	3.12E-07	2	1837.948	2.06	Ovary	3R:+:35611474-35611527	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_106236	LLQNYNPPTEDPGVR	AGAP009538-PA	-	51	0.000117319	2	1712.867	3.63	Malpighian tubule	3R:+:35610766-35610810	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_106825	VPENAEIR	AGAP009538-PA	-	47	0.000151453	2	927.491	1.53	Malpighian tubule	3R:+:35611849-35611872	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_106937	LLQNYNPPTEDPGVR	AGAP009538-PA	-	72	9.97E-07	1	1712.862	1.06	Salivary gland	3R:+:35610766-35610810	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_108334	GTIQDVFR	AGAP009538-PA	-	49	0.000158081	2	935.498	3.46	Malpighian tubule	3R:+:35611648-35611671	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_109534	NNGVLFENDLLQIGVK	AGAP009538-PA	-	91	6.46E-09	1	1772.963	4.99	Ovary	3R:+:35612248-35612295	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_110589	GLAVFISDIR	AGAP009538-PA	-	47	0.000166119	2	1090.623	-1.94	Head	3R:+:35609833-35609862	exon=> In CDS Exon 1 of transcript AGAP009538-PA
JHU_Ag_111916	VPENAEIR	AGAP009538-PA	-	51	6.39E-05	1	927.490	0.48	Head	3R:+:35611849-35611872	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_112150	VIQIVINREEVQGYAAK	AGAP009538-PA	-	40	0.000514941	1	1930.078	1.23	Ovary	3R:+:35611372-35611422	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_114512	ALLLSTYIK	AGAP009538-PA	-	27	0.001927525	2	1021.631	1.45	Salivary gland	3R:+:35611594-35611620	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_115325	FINLFPEIR	AGAP009538-PA	-	40	0.000750978	1	1148.646	-0.13	Salivary gland	3R:+:35611621-35611647	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_115388	VSGGAPQK	AGAP009538-PA	-	49	9.27E-05	1	743.405	0.24	Salivary gland	3R:+:35612533-35612556	exon=> In CDS Exon 5 of transcript AGAP009538-PA
JHU_Ag_115891	LNECLETILNK	AGAP009538-PA	C4(Carbamidomethyl)	88	2.77E-08	1	1346.701	2.03	Salivary gland	3R:+:35610817-35610849	exon=> In CDS Exon 3 of transcript AGAP009538-PA
JHU_Ag_2521	LGAPLQDAGR	AGAP009539-PA	-	45	0.000206531	2	997.547	4.05	Malpighian tubule	3R:-:35618093-35618064	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_6378	DATLNPFLDNDGLPFK	AGAP009539-PA	-	34	0.007506198	2	1776.887	3.8	Head	3R:-:35618255-35618208	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_20871	EGGQYPGLFLFVGPAR	AGAP009539-PA	-	40	0.001085855	2	1707.902	9.52	Malpighian tubule	3R:-:35618825-35618778	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_26269	DATLNPFLDNDGLPFK	AGAP009539-PA	-	68	3.09E-06	2	1776.880	0.02	Ovary	3R:-:35618255-35618208	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_32659	DATLNPFLDNDGLPFKGAQLTK	AGAP009539-PA	-	45	0.000291745	1	2375.240	6.81	Malpighian tubule	3R:-:35618255-35618190	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_46181	ATASQVVQKLR	AGAP009539-PA	-	48	9.38E-05	2	1200.709	2.36	Malpighian tubule	3R:-:35618921-35618889	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_68458	LADNSNQLQHVPATCR	AGAP009539-PA	C15(Carbamidomethyl)	37	0.003697317	1	1823.887	3.06	Malpighian tubule	3R:-:35617364-35617317	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_73783	LLEQSGYDYYGTER	AGAP009539-PA	-	83	6.50E-08	2	1693.775	2.45	Ovary	3R:-:35617730-35617689	exon=> In CDS Exon 4 of transcript AGAP009539-PA

JHU_Ag_90106	EGGQYPGLFLFVGPAR	AGAP009539-PA	-	62	8.83E-06	2	1707.888	1.3	Midgut	3R:-:35618825-35618778	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_100594	LGAPLQDAGR	AGAP009539-PA	-	35	0.002487688	2	997.543	0.68	Ovary	3R:-:35618093-35618064	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_107410	EGGQYPGLFLFVGPAR	AGAP009539-PA	-	69	1.44E-06	2	1707.891	3.16	Ovary	3R:-:35618825-35618778	exon=> In CDS Exon 4 of transcript AGAP009539-PA
JHU_Ag_58890	DHIQQMGLGQVVGGIVSPVHDSYAK	AGAP009543-PA,AGAP009544-PA	M6(Oxidation)	44	0.000549655	1	2651.323	-0.57	Head	3R:+:35932386-35932460;3R:+:35935254-35935328	exon=> In CDS Exon 2 of transcript AGAP009543-PA;exon=> In CDS Exon 2 of transcript AGAP009544-PA
JHU_Ag_69426	AGSNPEQFIFNSDLLSR	AGAP009544-PA	-	76	3.45E-07	2	1894.931	1.05	Visceras	3R:+:35935758-35935808	exon=> In CDS Exon 3 of transcript AGAP009544-PA
JHU_Ag_11193	DNTSTAAAGAPPSTK	AGAP009545-PA	-	104	6.22E-10	2	1388.668	2.23	Head	3R:+:35936884-35936928	exon=> In CDS Exon 1 of transcript AGAP009545-PA
JHU_Ag_28946	ALLQLEVDKLR	AGAP009546-PA	-	90	1.98E-09	1	1297.790	5.06	Salivary gland	3R:-:35940712-35940680	exon=> In CDS Exon 2 of transcript AGAP009546-PA
JHU_Ag_45571	INCSPVGEAPR	AGAP009546-PA	C3(Carbamidomethyl)	46	0.000301525	1	1199.586	2.13	Salivary gland	3R:-:35940754-35940722	exon=> In CDS Exon 2 of transcript AGAP009546-PA
JHU_Ag_97026	LQEYFLGR	AGAP009546-PA	-	36	0.002567061	1	1025.542	0.18	Salivary gland	3R:-:35941093-35941070	exon=> In CDS Exon 2 of transcript AGAP009546-PA
JHU_Ag_107831	ALLQLEVDKLR	AGAP009546-PA	-	28	0.00251258	1	1297.785	0.99	Malpighian tubule	3R:-:35940712-35940680	exon=> In CDS Exon 2 of transcript AGAP009546-PA
JHU_Ag_34186	MPPGLFDSIVALLDNHAYTK	AGAP009547-PA	M1(Oxidation)	51	0.000122551	1	2218.128	2.95	Ovary	3R:+:35945699-35945758	exon=> In CDS Exon 5 of transcript AGAP009547-PA
JHU_Ag_40725	QLAEVAGADLQR	AGAP009550-PA	Q1(Deamidated), Q11(Deamidated)	52	0.000109695	2	1272.647	3.09	Visceras	3R:-:36029621-36029586	exon=> In CDS Exon 1 of transcript AGAP009550-PA
JHU_Ag_40928	IGAEEIVCK	AGAP009550-PA	C8(Carbamidomethyl)	42	0.001215092	2	1018.523	-0.68	Male reproductive organs	3R:-:36029648-36029622	exon=> In CDS Exon 1 of transcript AGAP009550-PA
JHU_Ag_95385	QLAEVAGADLQR	AGAP009550-PA	Q1(Deamidated), Q11(Deamidated)	42	0.001057625	2	1272.645	1.74	Head	3R:-:36029621-36029586	exon=> In CDS Exon 1 of transcript AGAP009550-PA
JHU_Ag_99553	QLAEVAGADLQR	AGAP009550-PA	Q1(Deamidated), Q11(Deamidated)	38	0.002732212	1	1272.647	2.7	Pupa	3R:-:36029621-36029586	exon=> In CDS Exon 1 of transcript AGAP009550-PA
JHU_Ag_102265	QLAEVAGADLQR	AGAP009550-PA	Q1(Deamidated), Q11(Deamidated)	52	0.000105079	2	1272.644	0.59	Male reproductive organs	3R:-:36029621-36029586	exon=> In CDS Exon 1 of transcript AGAP009550-PA
JHU_Ag_12393	IPNWTPQAHCYTTLFK	AGAP009551-PA	C10(Carbamidomethyl)	83	8.89E-08	1	1976.973	2.35	Malpighian tubule	3R:-:36044243-36044360,36043964-36044137	exon=> In CDS Exon 2 and 1 of transcript AGAP009551-PA
JHU_Ag_26522	FPFLDVSLIHPTDTSSFER	AGAP009551-PA	-	125	4.90E-12	1	2208.103	2.38	Malpighian tubule	3R:-:36043977-36044143,36043423-36043834	exon=> In CDS Exon 3 and 2 of transcript AGAP009551-PA
JHU_Ag_64154	FPFLDVSLIHPTDTSSFER	AGAP009551-PA	-	117	3.12E-11	1	2208.094	-1.6	Ovary	3R:-:36043977-36044143,36043423-36043834	exon=> In CDS Exon 3 and 2 of transcript AGAP009551-PA
JHU_Ag_112450	GQTGEDDYIMVR	AGAP009551-PA	M10(Oxidation)	74	3.98E-07	1	1383.623	1.18	Malpighian tubule	3R:-:36044309-36044274	exon=> In CDS Exon 1 of transcript AGAP009551-PA
JHU_Ag_6807	SVAVSYFYHSQGIHYR	AGAP009551-PA,AGAP009552-PA	-	101	1.02E-09	1	1913.936	3.59	Malpighian tubule	3R:-:36043719-36043672;3R:-:36045991-36045944	exon=> In CDS Exon 3 of transcript AGAP009551-PA;exon=> In CDS Exon 3 of transcript AGAP009552-PA
JHU_Ag_4241	GSMDTFLR	AGAP009551-PA,AGAP009552-PA,AGAP012672-PA	M3(Oxidation)	54	3.77E-05	1	926.442	1.81	Malpighian tubule	3R:-:36043671-36043648;3R:-:36045943-36045920;UNKN:-:23077837-23077814	exon=> In CDS Exon 3 of transcript AGAP009551-PA;exon=> In CDS Exon 3 of transcript AGAP009552-PA;exon=> In CDS Exon 4 of transcript AGAP012672-PA

JHU_Ag_42671	KVCEFFGK	AGAP009551-PA,AGAP012673-PA,AGAP009553-PA	C3(Carbamidomethyl)	53	5.68E-05	1	1014.509	1.36	Malpighian tubule	3R:-:36043512-36043489;UNKN:-:23081230-23081207;3R:-:36048183-36048160	exon=> In CDS Exon 3 of transcript AGAP009551-PA;exon=> In CDS Exon 1 of transcript AGAP012673-PA;exon=> In CDS Exon 3 of transcript AGAP009553-PA
JHU_Ag_93917	RYWEVKPK	AGAP009551-PA,AGAP012673-PA,AGAP009553-PA,AGAP009552-PA,AGAP012672-PA	-	38	0.001208665	1	1105.617	1.57	Malpighian tubule	3R:-:36043770-36043747;UNKN:-:23081488-23081465;3R:-:36048441-36048418;3R:-:36046042-36046019;UNKN:-:23077936-23077913	exon=> In CDS Exon 3 of transcript AGAP009551-PA;exon=> In CDS Exon 1 of transcript AGAP012673-PA;exon=> In CDS Exon 3 of transcript AGAP009553-PA;exon=> In CDS Exon 3 of transcript AGAP009552-PA;exon=> In CDS Exon 4 of transcript AGAP012672-PA
JHU_Ag_86833	KVCQFFGK	AGAP009552-PA,AGAP012672-PA	C3(Carbamidomethyl), Q4(Deamidated)	53	5.68E-05	1	1014.509	1.36	Malpighian tubule	3R:-:36045784-36045761;UNKN:-:23077678-23077655	exon=> In CDS Exon 3 of transcript AGAP009552-PA;exon=> In CDS Exon 4 of transcript AGAP012672-PA
JHU_Ag_185	ISFNMQQLK	AGAP009554-PA	-	41	0.000978469	2	1108.581	-0.91	Head	3R:-:36106519-36106493	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_1010	ETLEGLLQEFK	AGAP009554-PA	-	65	4.69E-06	2	1306.692	2.65	Head	3R:-:36111403-36111371	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_1243	ESTSAAGIGTVEK	AGAP009554-PA	-	71	1.26E-06	2	1249.627	-0.18	Head	3R:-:36108142-36108104	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_2264	INTDFNTVDNFSPTVDER	AGAP009554-PA	-	45	0.000406788	2	2083.953	-1.62	Male reproductive organs	3R:-:36097503-36097450	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_2471	VLVGDLSVLQER	AGAP009554-PA	-	82	4.85E-08	2	1327.761	1.87	Pupa	3R:-:36108910-36108875	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_3237	LTHLNDINTR	AGAP009554-PA	-	59	1.23E-05	1	1196.634	-3.59	Head	3R:-:36090492-36090612,36087555-36088365	exon=> In CDS Exon 9 and 8 of transcript AGAP009554-PA
JHU_Ag_3776	AEVVHLQGTFTELHR	AGAP009554-PA	-	74	5.26E-07	1	1736.908	-0.16	Head	3R:-:36113578-36113534	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_4605	YQLETALTEADTNLR	AGAP009554-PA	-	49	0.000229672	2	1737.841	-13.78	Ovary	3R:-:36057275-36057231	exon=> In CDS Exon 25 of transcript AGAP009554-PA
JHU_Ag_4695	DLTQINPFDER	AGAP009554-PA	-	68	2.75E-06	2	1347.656	1.36	Head	3R:-:36088250-36088218	exon=> In CDS Exon 9 of transcript AGAP009554-PA
JHU_Ag_5329	LLEVVDYAVGQSQLEK	AGAP009554-PA	-	96	2.01E-09	2	1790.962	4.84	Head	3R:-:36099690-36099643	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_5692	LFDEVNDYAR	AGAP009554-PA	-	55	3.24E-05	2	1241.580	0.21	Male reproductive organs	3R:-:36106129-36106100	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_6776	LAQEFGDIESK	AGAP009554-PA	-	67	3.42E-06	1	1236.612	1.32	Male reproductive organs	3R:-:36098259-36098227	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_6830	ADAAQLNEWIQR	AGAP009554-PA	-	42	0.000886854	2	1414.707	0.02	Male reproductive organs	3R:-:36116226-36116191	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_9247	VNGYGASEGTADQAAVLSELK	AGAP009554-PA	-	144	6.90E-14	1	2080.022	1.14	Head	3R:-:36101485-36101423	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_9350	AILESLETNLDPLTR	AGAP009554-PA	-	83	4.25E-08	2	1684.912	0.07	Midgut	3R:-:36062186-36062142	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_9510	LEDIEQGIAAQEQR	AGAP009554-PA	-	79	1.75E-07	2	1599.802	2.85	Midgut	3R:-:36061100-36061059	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_9535	AESTLHDQSDFNQAYDEFEALLRK	AGAP009554-PA	-	68	2.14E-06	1	2827.314	-0.95	Head	3R:-:36109009-36108938	exon=> In CDS Exon 4 of transcript AGAP009554-PA

JHU_Ag_9631	ANFESLFGDIDK	AGAP009554-PA	-	85	3.73E-08	2	1355.651	2.64	Head	3R:-:36104212-36104177	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_10337	SANDQALAPLYQR	AGAP009554-PA	-	43	0.000827 33	2	1446.735	1.06	Male reproductive organs	3R:-:36115092-36115054	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_12990	SHDDLYLYIER	AGAP009554-PA	-	47	0.000346 256	2	1423.689	2.38	Midgut	3R:-:36061304-36061272	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_13349	NHRPELNNVR	AGAP009554-PA	-	50	0.000136 417	1	1248.658	1.57	Male reproductive organs	3R:-:36105922-36105893	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_13357	LGGTSSSLSSGLNER	AGAP009554-PA	-	54	5.96E-05	1	1464.730	0.91	Head	3R:-:36103387-36103343	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_14121	NILSPLHQTGDSEK	AGAP009554-PA	N1(Deamidated)	53	6.19E-05	1	1539.778	8.45	Head	3R:-:36086600-36086559	exon=> In CDS Exon 12 of transcript AGAP009554-PA
JHU_Ag_14946	LQVHFHSDIIYTDNPTIVQSGR	AGAP009554-PA	-	61	1.05E-05	1	2540.290	0.45	Head	3R:-:36086911-36087118,36086546-36086748	exon=> In CDS Exon 12 and 11 of transcript AGAP009554-PA
JHU_Ag_16398	RIQDLILTK	AGAP009554-PA	-	39	0.000341 454	1	1099.682	-1.13	Head	3R:-:36101083-36101057	exon=> In CDS Exon 5 of transcript AGAP009554-PA
JHU_Ag_18330	ILTDYEAIVAK	AGAP009554-PA	-	43	0.000330 602	2	1235.689	0.34	Male reproductive organs	3R:-:36101950-36101918	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_19993	ILTDYEAIVAK	AGAP009554-PA	-	50	7.93E-05	2	1235.689	0.24	Head	3R:-:36101950-36101918	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_21245	LGGTSSSLSSGLNER	AGAP009554-PA	-	89	1.89E-08	2	1464.730	0.74	Male reproductive organs	3R:-:36103387-36103343	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_21535	SANDQALAPLYQR	AGAP009554-PA	-	39	0.002156 148	2	1446.735	0.81	Visceras	3R:-:36115092-36115054	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_21751	FKADAAQLNEWIQR	AGAP009554-PA	-	48	0.000214 471	2	1689.874	2.15	Head	3R:-:36116232-36116191	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_22107	ALQETIPAELTAR	AGAP009554-PA	-	49	9.92E-05	2	1412.775	0.27	Male reproductive organs	3R:-:36096990-36096952	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_22228	AAVQQTELLSNSDLVK	AGAP009554-PA	-	111	9.47E-11	2	1715.919	0.74	Male reproductive organs	3R:-:36096633-36096586	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_22372	QTIQQSSDFHGDK	AGAP009554-PA	-	50	0.000111 795	2	1490.689	1.31	Head	3R:-:36101818-36101780	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_22522	MGELVTVHAPGLPIDVLETK	AGAP009554-PA	M1(Oxidation)	80	6.35E-08	1	2135.152	4.96	Head	3R:-:36113116-36113057	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_22759	ALEQTVADGEQK	AGAP009554-PA	-	34	0.006468 328	2	1288.638	0.18	Head	3R:-:36062714-36062679	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_22986	QLDVLNASAADLASK	AGAP009554-PA	-	75	3.60E-07	2	1515.804	1.72	Head	3R:-:36113656-36113612	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_24188	NPSAPQFIAGEIR	AGAP009554-PA	-	54	4.46E-05	2	1399.733	0.29	Male reproductive organs	3R:-:36114259-36114221	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_24470	LALAASR	AGAP009554-PA	-	38	0.001936 404	2	701.432	2.23	Malpighian tubule	3R:-:36062060-36062040	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_24643	FDALTDTFNILK	AGAP009554-PA	-	42	0.000721 955	2	1397.733	1.54	Head	3R:-:36116400-36116365	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_24718	LITDNNDLISYGAK	AGAP009554-PA	-	75	5.32E-07	2	1536.794	2.45	Head	3R:-:36106882-36106841	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_24792	LVTNWALLDGDLEK	AGAP009554-PA	-	96	3.36E-09	2	1586.847	3.11	Head	3R:-:36113191-36113150	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_25968	VSNMSDETQEVSK	AGAP009554-PA	M4(Oxidation)	51	7.49E-05	2	1469.650	5.07	Head	3R:-:36110689-36110651	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_26751	VLVGDLSVLQER	AGAP009554-PA	-	58	1.38E-05	2	1327.759	1.04	Male reproductive organs	3R:-:36108910-36108875	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_26762	LDTLLTDIESR	AGAP009554-PA	-	73	8.56E-07	2	1275.680	0.66	Head	3R:-:36060641-36063365,36060002-36060536	exon=> In CDS Exon 24 and 23 of transcript AGAP009554-PA

JHU_Ag_26992	RLEQSLELCNK	AGAP009554-PA	C9(Carbamidomethyl)	46	0.000464383	2	1389.712	-2.57	Head	3R:-:36107089-36107057	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_28293	ALQETIPAELTAR	AGAP009554-PA	-	42	0.000578654	2	1412.775	0.62	Head	3R:-:36096990-36096952	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_28769	LEGALVWLASK	AGAP009554-PA	-	42	0.000576236	2	1186.678	-4.07	Head	3R:-:36109273-36109241	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_28957	TRLDALLTR	AGAP009554-PA	-	34	0.002724 77	1	1058.632	0.61	Head	3R:-:36057407-36057381	exon=> In CDS Exon 25 of transcript AGAP009554-PA
JHU_Ag_29502	LLDAEDVDVSSPDEK	AGAP009554-PA	-	85	4.15E-08	2	1631.767	1.09	Male reproductive organs	3R:-:36117576-36117532	exon=> In CDS Exon 2 of transcript AGAP009554-PA
JHU_Ag_29555	SHDDLYLYIER	AGAP009554-PA	-	56	3.61E-05	2	1423.680	-3.87	Head	3R:-:36061304-36061272	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_29782	DAIQSYGVTVSGILEESHQVK	AGAP009554-PA	-	45	0.000418041	1	2260.152	2.92	Head	3R:-:36109159-36109097	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_30680	LAEVEKDLETLGQEK	AGAP009554-PA	-	61	1.29E-05	1	1701.888	-1.33	Male reproductive organs	3R:-:36107659-36107615	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_31048	EQQLYDSLER	AGAP009554-PA	-	43	0.000912091	2	1280.612	0.08	Male reproductive organs	3R:-:36107947-36107918	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_31605	AESTLHDQSDFNQAYDEFEALLR	AGAP009554-PA	-	65	3.58E-06	1	2699.226	1.58	Head	3R:-:36109009-36108941	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_31827	SLTGWSQFDQDLDALTK	AGAP009554-PA	-	47	0.000341 07	1	1924.935	2.97	Head	3R:-:36108028-36107978	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_32064	FAYVINNANDWEYK	AGAP009554-PA	-	74	5.28E-07	2	1746.817	2.89	Head	3R:-:36115650-36115609	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_32269	FQEYEDTLDDINR	AGAP009554-PA	-	78	1.33E-07	2	1657.736	1.16	Head	3R:-:36099768-36099730	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_32371	EAQEICDLLDR	AGAP009554-PA	C6(Carbamidomethyl)	52	7.44E-05	2	1361.639	1.45	Male reproductive organs	3R:-:36114442-36114410	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_32723	LQSQTEEMFSDGDLTK	AGAP009554-PA	M8(Oxidation)	42	0.000708194	2	1844.832	5.37	Male reproductive organs	3R:-:36109573-36109526	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_33742	LDTLLTDIESR	AGAP009554-PA	-	72	1.25E-06	2	1275.680	0.86	Male reproductive organs	3R:-:36060641-36063365,36060002-36060536	exon=> In CDS Exon 24 and 23 of transcript AGAP009554-PA
JHU_Ag_34149	HIVENLLEDK	AGAP009554-PA	-	56	2.49E-05	2	1209.648	0.87	Head	3R:-:36092097-36092391,36090464-36090595	exon=> In CDS Exon 8 and 7 of transcript AGAP009554-PA
JHU_Ag_35406	IDIETVLFER	AGAP009554-PA	-	74	5.13E-07	2	1234.670	2.02	Visceras	3R:-:36087287-36087258	exon=> In CDS Exon 10 of transcript AGAP009554-PA
JHU_Ag_36050	DLGISLPPTTR	AGAP009554-PA	-	51	6.52E-05	2	1169.651	-0.95	Head	3R:-:36113947-36113915	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_36930	LQTIVDLAQQVLACTTPSGHEAVNK	AGAP009554-PA	C14(Carbamidomethyl)	81	7.62E-08	1	2693.407	5.43	Head	3R:-:36104953-36104879	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_38904	VLVGDLSVLQER	AGAP009554-PA	-	76	1.84E-07	2	1327.759	0.77	Salivary gland	3R:-:36108910-36108875	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_39080	KLEDHLVEYEDALAK	AGAP009554-PA	-	91	1.04E-08	1	1772.908	0.62	Head	3R:-:36097863-36097819	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_41827	FSSIQSDLEPNEK	AGAP009554-PA	-	47	0.000269953	2	1493.714	1.68	Head	3R:-:36098637-36098599	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_42061	HNIMDQIHSLQQQLGSIK	AGAP009554-PA	M4(Oxidation)	117	3.15E-11	1	2106.079	1.31	Head	3R:-:36097338-36097285	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_42798	LDDSSPYEDLINR	AGAP009554-PA	-	56	3.51E-05	2	1536.719	0.87	Male reproductive organs	3R:-:36108841-36108803	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_43321	LTDTDSSIDMSDAATK	AGAP009554-PA	M10(Oxidation)	42	0.000478729	2	1686.740	1.41	Malpighian tubule	3R:-:36115719-36115672	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_43955	SETLGAFLEEYNVK	AGAP009554-PA	-	70	1.57E-06	2	1599.795	2.79	Head	3R:-:36101527-36101486	exon=> In CDS Exon 4 of transcript AGAP009554-PA

JHU_Ag_44088	RLENGLVLESNK	AGAP009554-PA	-	40	0.001112196	1	1371.757	-1.45	Head	3R:-:36062399-36062364	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_44238	YRLDTAFNVAESELGIAR	AGAP009554-PA	-	63	5.46E-06	1	2025.046	3.17	Head	3R:-:36117630-36117577	exon=> In CDS Exon 2 of transcript AGAP009554-PA
JHU_Ag_44732	AQNIVNDHKNYQER	AGAP009554-PA	-	37	0.002969555	1	1728.841	-0.28	Head	3R:-:36107722-36107681	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_45608	VGQLQNEYR	AGAP009554-PA	-	44	0.000663434	2	1106.562	2.72	Head	3R:-:36109072-36109046	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_46112	HAQNLGAEAQVQALSDR	AGAP009554-PA	-	144	6.45E-14	1	1807.902	-1.51	Head	3R:-:36110200-36110150	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_46256	HSSAVNSVLAK	AGAP009554-PA	-	37	0.001771215	2	1112.600	-5.16	Head	3R:-:36096573-36096541	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_47377	INTDFNTVDNFSPTVDER	AGAP009554-PA	-	100	1.20E-09	1	2083.961	1.9	Head	3R:-:36097503-36097450	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_47641	FRPEAAEQELR	AGAP009554-PA	-	44	0.00056405	1	1345.681	-3.43	Head	3R:-:36099327-36099295	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_47653	FSDELNTVTQR	AGAP009554-PA	-	58	2.73E-05	2	1309.639	0.86	Male reproductive organs	3R:-:36108715-36108683	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_48676	ALDTIPVTDEQLQR	AGAP009554-PA	-	49	0.00012202	1	1598.836	-1.34	Midgut	3R:-:36061529-36061488	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_48812	LHLFHQLLTQQEALETGQR	AGAP009554-PA	-	84	3.25E-08	1	2262.200	0.56	Head	3R:-:36115950-36115894	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_49176	VLVGDLSVLQER	AGAP009554-PA	-	90	7.28E-09	2	1327.760	1.6	Head	3R:-:36108910-36108875	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_49201	AAVQQTELLSNSDLVK	AGAP009554-PA	-	70	9.63E-07	2	1715.927	5.51	Malpighian tubule	3R:-:36096633-36096586	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_49685	YAELHSSLYNR	AGAP009554-PA	-	71	1.36E-06	1	1352.656	-2.63	Head	3R:-:36062135-36062103	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_49703	EQGQNLVNATVNTGEK	AGAP009554-PA	-	62	9.80E-06	2	1701.844	2.28	Male reproductive organs	3R:-:36103669-36103622	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_50461	ADSLGADAQNEDIAAK	AGAP009554-PA	-	71	9.16E-07	2	1588.747	1.25	Head	3R:-:36107197-36107150	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_54061	LAPELEQIRPSTLPEAR	AGAP009554-PA	-	42	0.000270457	1	1920.056	0.71	Head	3R:-:36113431-36113381	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_54501	LITDNNDLISYGAK	AGAP009554-PA	-	64	5.49E-06	2	1536.799	5.47	Malpighian tubule	3R:-:36106882-36106841	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_54862	DGIAFLTLIDAIK	AGAP009554-PA	-	93	1.87E-09	2	1389.800	0.79	Visceras	3R:-:36117714-36117676	exon=> In CDS Exon 2 of transcript AGAP009554-PA
JHU_Ag_54895	VPDLSNVSSQDYER	AGAP009554-PA	-	42	0.000778579	1	1608.752	1.51	Ovary	3R:-:36061976-36061935	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_55553	FNELSELHADR	AGAP009554-PA	-	73	5.62E-07	1	1330.639	0.23	Head	3R:-:36059486-36059454	exon=> In CDS Exon 25 of transcript AGAP009554-PA
JHU_Ag_55613	LNYCADLSSTSEK	AGAP009554-PA	C4(Carbamidomethyl)	44	0.000352086	2	1487.668	-0.43	Head	3R:-:36105058-36105020	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_55953	SLLDEQDYLFGELK	AGAP009554-PA	-	104	6.39E-10	2	1669.834	1.21	Head	3R:-:36107038-36106997	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_56517	YITMYESLDQDIGNHLTK	AGAP009554-PA	M4(Oxidation)	41	0.001335102	1	2157.011	-2.6	Midgut	3R:-:36061934-36061881	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_56824	EKFDALTDTFNILK	AGAP009554-PA	-	52	6.71E-05	2	1654.874	3	Head	3R:-:36116406-36116365	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_57451	SSELLQSSGDTK	AGAP009554-PA	-	100	1.65E-09	2	1251.606	-0.57	Male reproductive organs	3R:-:36106555-36106520	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_58161	IDIETVLFER	AGAP009554-PA	-	69	1.71E-06	2	1234.667	-1.04	Midgut	3R:-:36087287-36087258	exon=> In CDS Exon 10 of transcript AGAP009554-PA
JHU_Ag_62035	SSELLQSSGDTKISFNMQQLK	AGAP009554-PA	Q6(Deamidated)	32	0.007352889	1	2342.189	14.8	Midgut	3R:-:36106555-36106493	exon=> In CDS Exon 4 of transcript AGAP009554-PA

JHU_Ag_62712	VNGYGASEGTADQAAVLSELKR	AGAP009554-PA	-	34	0.005021 71	1	2236.128	3.22	Head	3R:-:36101485-36114655,36100930-36101081	exon=> In CDS Exon 5 and 4 of transcript AGAP009554-PA
JHU_Ag_63478	ADSLGADAQNEDIAAK	AGAP009554-PA	-	49	0.000142 451	1	1588.745	-0.21	Visceras	3R:-:36107197-36107150	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_64258	LLEVVDYAVGQSQLEK	AGAP009554-PA	-	91	8.00E-09	1	1790.953	-0.27	Midgut	3R:-:36099690-36099643	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_65562	AAVQQTELLSNSDLVK	AGAP009554-PA	-	93	5.34E-09	2	1715.921	2.3	Head	3R:-:36096633-36096586	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_65751	AAVQQTELLSNSDLVK	AGAP009554-PA	-	61	9.69E-06	1	1715.917	-0.12	Visceras	3R:-:36096633-36096586	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_66033	TDYFTVYDR	AGAP009554-PA	-	58	1.31E-05	2	1179.532	0.07	Male reproductive organs	3R:-:36087989-36087963	exon=> In CDS Exon 9 of transcript AGAP009554-PA
JHU_Ag_67404	GLDLVVHSR	AGAP009554-PA	-	48	0.000101 979	2	995.560	-3.03	Head	3R:-:36092145-36092119	exon=> In CDS Exon 7 of transcript AGAP009554-PA
JHU_Ag_67487	FDALTDTFNILK	AGAP009554-PA	-	64	4.37E-06	2	1397.734	2.15	Midgut	3R:-:36116400-36116365	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_68037	EQGQNLVNATVNTGEK	AGAP009554-PA	-	79	2.07E-07	2	1701.841	0.48	Visceras	3R:-:36103669-36103622	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_68912	TLGEATIPDTSDEGQANIR	AGAP009554-PA	-	69	1.89E-06	1	1987.960	1.8	Head	3R:-:36105580-36105524	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_69638	LQTIVDLAQQVLACTTPSGHEAVNK	AGAP009554-PA	C14(Carbamidomethyl)	58	1.29E-05	3	2693.404	4.08	Visceras	3R:-:36104953-36104879	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_69894	DATAQGPLDAK	AGAP009554-PA	-	42	0.000589 706	2	1086.543	0.01	Male reproductive organs	3R:-:36109225-36109193	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_70562	EQGQNLVNATVNTGEK	AGAP009554-PA	-	99	2.21E-09	2	1701.841	0.7	Head	3R:-:36103669-36103622	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_71034	DSYNSLLNTSVQIK	AGAP009554-PA	-	44	0.000553 629	2	1581.815	1.79	Head	3R:-:36099837-36099796	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_71635	LTDTDSSIDMSDAATK	AGAP009554-PA	M10(Oxidation)	144	3.14E-14	1	1686.742	2.86	Head	3R:-:36115719-36115672	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_71791	VVSLQETTSQLTK	AGAP009554-PA	-	45	0.000350 227	2	1433.785	0.04	Midgut	3R:-:36052215-36052177	exon=> In CDS Exon 27 of transcript AGAP009554-PA
JHU_Ag_72100	VLENPGEIESK	AGAP009554-PA	-	35	0.003720 401	2	1214.626	-0.29	Visceras	3R:-:36111481-36111449	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_72233	RVLEEFQDK	AGAP009554-PA	-	39	0.001750 934	1	1163.603	-2.56	Head	3R:-:36102715-36102689	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_72927	ERFENNLTSLVTASEK	AGAP009554-PA	-	56	3.44E-05	2	1837.935	3.2	Head	3R:-:36107566-36107519	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_73038	LITDNNDLISYGAK	AGAP009554-PA	-	76	3.38E-07	2	1536.793	1.81	Male reproductive organs	3R:-:36106882-36106841	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_73736	LEDIEQGIAAQEQR	AGAP009554-PA	-	50	0.000149 668	2	1599.797	-0.05	Male reproductive organs	3R:-:36061100-36061059	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_75304	CAQQQAYAELLNDIK	AGAP009554-PA	C1(Carbamidomethyl)	69	2.07E-06	2	1764.854	-2.63	Head	3R:-:36105967-36105923	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_77053	VPDLSNVSSQDYER	AGAP009554-PA	-	98	2.21E-09	1	1608.741	-5.47	Midgut	3R:-:36061976-36061935	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_77144	NLFLHETTEEWQQYER	AGAP009554-PA	-	51	0.000135 8	1	2122.997	6.51	Midgut	3R:-:36087118-36087071	exon=> In CDS Exon 11 of transcript AGAP009554-PA
JHU_Ag_77334	IDIETVLFER	AGAP009554-PA	-	55	4.15E-05	2	1234.666	-1.54	Head	3R:-:36087287-36087258	exon=> In CDS Exon 10 of transcript AGAP009554-PA
JHU_Ag_77751	VLVGDLSVLQER	AGAP009554-PA	-	83	3.37E-08	2	1327.761	2.15	Visceras	3R:-:36108910-36108875	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_79129	VPDLSNVSSQDYER	AGAP009554-PA	-	73	6.92E-07	1	1608.748	-0.99	Male reproductive organs	3R:-:36061976-36061935	exon=> In CDS Exon 23 of transcript AGAP009554-PA

JHU_Ag_79405	LQSQTEEMFSDGDLTK	AGAP009554-PA	-	82	7.82E-08	2	1828.830	1.9	Head	3R:-:36109573-36109526	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_79458	NPSAPQFIAGEIR	AGAP009554-PA	-	65	3.65E-06	2	1399.731	-1.36	Head	3R:-:36114259-36114221	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_80828	TAHEQLLFNGNEIVR	AGAP009554-PA	-	55	4.84E-05	2	1740.905	1.36	Head	3R:-:36087851-36087807	exon=> In CDS Exon 9 of transcript AGAP009554-PA
JHU_Ag_81193	ADSLGADAQNEDIAAK	AGAP009554-PA	-	47	0.000270036	2	1588.746	0.4	Male reproductive organs	3R:-:36107197-36107150	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_81274	ADWEELEELAR	AGAP009554-PA	-	51	8.88E-05	1	1360.644	4.11	Head	3R:-:36101617-36101585	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_82214	DLTQINPFDER	AGAP009554-PA	-	52	9.52E-05	2	1347.654	0.27	Male reproductive organs	3R:-:36088250-36088218	exon=> In CDS Exon 9 of transcript AGAP009554-PA
JHU_Ag_82978	LHLFHQLLTQQEALETGQR	AGAP009554-PA	-	96	1.85E-09	1	2262.215	7.12	Ovary	3R:-:36115950-36115894	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_86077	SLTGAVVELFTPAK	AGAP009554-PA	-	68	7.83E-07	2	1432.811	4.13	Head	3R:-:36110731-36110690	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_87118	NLFLHETTEEWQQYER	AGAP009554-PA	N1(Deamidated)	71	1.30E-06	1	2123.991	11.34	Head	3R:-:36087118-36087071	exon=> In CDS Exon 11 of transcript AGAP009554-PA
JHU_Ag_87216	IEFFQNISVYK	AGAP009554-PA	-	47	0.000278414	2	1387.729	2.35	Head	3R:-:36116439-36116407	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_87989	VGQLQNEYR	AGAP009554-PA	-	53	7.35E-05	1	1106.559	-0.26	Male reproductive organs	3R:-:36109072-36109046	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_88103	AVAALQEEWSSLALR	AGAP009554-PA	-	105	4.01E-10	1	1643.879	2.41	Head	3R:-:36104878-36104834	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_89345	RSIELEQDK	AGAP009554-PA	-	44	0.000710621	2	1117.580	-4.76	Head	3R:-:36097284-36097258	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_89486	HNNEQFK	AGAP009554-PA	-	39	0.001021615	2	916.429	1.52	Head	3R:-:36111631-36111611	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_89611	GKLHEAETLK	AGAP009554-PA	-	66	1.61E-06	1	1125.628	1.37	Male reproductive organs	3R:-:36087317-36087288	exon=> In CDS Exon 10 of transcript AGAP009554-PA
JHU_Ag_89992	DQHLQSCVVSIK	AGAP009554-PA	C7(Carbamidomethyl)	47	0.00027808	2	1413.720	3.09	Midgut	3R:-:36108448-36108413	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_91084	GSLILKPTLDEK	AGAP009554-PA	-	51	3.58E-05	1	1313.768	0.33	Male reproductive organs	3R:-:36106003-36105968	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_91366	DITVHETNLDQIQK	AGAP009554-PA	-	35	0.003868779	1	1653.849	2.94	Head	3R:-:36109789-36109748	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_92324	NLVSHTEFLYYK	AGAP009554-PA	-	38	0.001873314	1	1513.772	2.27	Head	3R:-:36100767-36100732	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_92426	LTNHLAQLEDIGK	AGAP009554-PA	-	75	2.67E-07	1	1451.787	0.92	Head	3R:-:36102199-36102161	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_92436	LAQEFGDIESK	AGAP009554-PA	-	57	3.38E-05	2	1236.612	1.12	Head	3R:-:36098259-36098227	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_93080	ADWEELEELAR	AGAP009554-PA	-	43	0.000570387	2	1360.640	1.42	Midgut	3R:-:36101617-36101585	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_93723	ETLEGLLQEFKK	AGAP009554-PA	-	51	5.97E-05	1	1434.788	2.58	Head	3R:-:36111403-36111368	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_94811	IDIETVLFER	AGAP009554-PA	-	47	0.000254806	2	1234.667	-1.04	Salivary gland	3R:-:36087287-36087258	exon=> In CDS Exon 10 of transcript AGAP009554-PA
JHU_Ag_95836	VNEMIEEQQYSIK	AGAP009554-PA	M4(Oxidation)	73	7.14E-07	2	1626.767	-0.62	Male reproductive organs	3R:-:36114361-36114323	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_96351	VTDLQQESDETLR	AGAP009554-PA	-	36	0.004022993	2	1533.739	0.01	Visceras	3R:-:36111955-36111917	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_96751	LFSNEISEQQAK	AGAP009554-PA	-	65	4.71E-06	2	1393.697	0.53	Head	3R:-:36113041-36113006	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_97691	DLTQINPFDER	AGAP009554-PA	-	50	0.000188819	2	1347.658	3.35	Midgut	3R:-:36088250-36088218	exon=> In CDS Exon 9 of transcript AGAP009554-PA

JHU_Ag_97923	VPDLSNVSSQDYER	AGAP009554-PA	-	56	3.30E-05	2	1608.753	1.96	Salivary gland	3R:-:36061976-36061935	exon=> In CDS Exon 23 of transcript AGAP009554-PA
JHU_Ag_98594	EMYNIDVFLHEIEDR	AGAP009554-PA	M2(Oxidation)	37	0.003117724	1	1938.894	2.14	Head	3R:-:36116634-36116590	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_98647	ALVGEDFETWK	AGAP009554-PA	-	42	0.000884836	2	1294.634	1.74	Male reproductive organs	3R:-:36113515-36113483	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_98690	VTDLQQESDETLR	AGAP009554-PA	-	38	0.002670234	1	1533.739	-0.23	Male reproductive organs	3R:-:36111955-36111917	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_98802	LDTLLTDIESR	AGAP009554-PA	-	57	3.45E-05	2	1275.687	6.31	Midgut	3R:-:36060641-36063365,36060002-36060536	exon=> In CDS Exon 24 and 23 of transcript AGAP009554-PA
JHU_Ag_100491	ADWEELEELAR	AGAP009554-PA	-	54	5.54E-05	2	1360.643	3.48	Malpighian tubule	3R:-:36101617-36101585	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_102302	EQFIGAINDIVK	AGAP009554-PA	-	46	0.00030478	2	1346.738	4.97	Head	3R:-:36097551-36097516	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_102654	VVQLQSLSNSIPQGQK	AGAP009554-PA	-	45	0.000218749	2	1725.950	0.11	Midgut	3R:-:36100638-36100591	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_103960	LFDEVNDYAR	AGAP009554-PA	-	57	2.44E-05	1	1241.580	0.11	Head	3R:-:36106129-36106100	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_104671	NTFNHIYAQVK	AGAP009554-PA	-	68	3.03E-06	1	1334.687	1.4	Head	3R:-:36112690-36112658	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_105151	LYSYTSPEGR	AGAP009554-PA	-	42	0.000591788	2	1172.558	-0.4	Male reproductive organs	3R:-:36108793-36108764	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_105574	IDIETVLFER	AGAP009554-PA	-	59	1.48E-05	2	1234.671	2.81	Pupa	3R:-:36087287-36087258	exon=> In CDS Exon 10 of transcript AGAP009554-PA
JHU_Ag_106356	SLTGAVVELFTPAK	AGAP009554-PA	-	40	0.000435968	2	1432.815	7.02	Malpighian tubule	3R:-:36110731-36110690	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_106473	MTDNANIDVEEFNK	AGAP009554-PA	M1(Oxidation)	79	7.57E-08	2	1655.717	-3.16	Midgut	3R:-:36101992-36101951	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_106887	VLENPGEIESK	AGAP009554-PA	-	52	7.59E-05	2	1214.630	3.23	Malpighian tubule	3R:-:36111481-36111449	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_106939	ILTDYEAIVAK	AGAP009554-PA	-	65	2.18E-06	2	1235.687	-0.75	Midgut	3R:-:36101950-36101918	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_107219	NHRPELNNVR	AGAP009554-PA	-	60	1.42E-05	2	1248.652	-2.9	Head	3R:-:36105922-36105893	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_107821	LDAGETMQNELADK	AGAP009554-PA	M7(Oxidation)	78	1.50E-07	1	1550.699	-0.87	Head	3R:-:36102115-36102074	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_109067	INYIYLEK	AGAP009554-PA	-	40	0.000723702	2	1055.577	-0.11	Male reproductive organs	3R:-:36115116-36115093	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_109488	LSTLDDGMEDLSTLNEK	AGAP009554-PA	M8(Oxidation)	62	6.86E-06	2	1896.875	0.35	Male reproductive organs	3R:-:36112126-36112076	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_109778	ALVLVHHLQNK	AGAP009554-PA	-	65	1.24E-06	1	1271.759	0.89	Head	3R:-:36110362-36110330	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_109824	YQVNIDDFNAK	AGAP009554-PA	-	50	0.000146087	2	1326.632	-0.28	Male reproductive organs	3R:-:36099951-36099919	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_110418	FQEYEDTLDDINR	AGAP009554-PA	-	73	4.23E-07	1	1657.732	-1.27	Midgut	3R:-:36099768-36099730	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_110622	ADWEELEELAR	AGAP009554-PA	-	39	0.001517642	2	1360.640	1.15	Male reproductive organs	3R:-:36101617-36101585	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_112222	SLTGWSQFDQDLDALTK	AGAP009554-PA	-	69	1.86E-06	1	1924.932	1.45	Visceras	3R:-:36108028-36107978	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_114063	RDDLQGETEQDYR	AGAP009554-PA	-	64	2.44E-06	1	1624.712	-4.69	Head	3R:-:36099258-36099220	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_114698	FENNLTSLVTASEK	AGAP009554-PA	-	61	1.28E-05	2	1552.787	0.98	Male reproductive organs	3R:-:36107560-36107519	exon=> In CDS Exon 4 of transcript AGAP009554-PA

JHU_Ag_115602	FQEYEDTLDDINR	AGAP009554-PA	-	80	8.45E-08	2	1657.735	0.57	Male reproductive organs	3R:-:36099768-36099730	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_115846	VVQLQSLSNSIPQGQK	AGAP009554-PA	-	59	9.96E-06	2	1725.953	2.02	Head	3R:-:36100638-36100591	exon=> In CDS Exon 6 of transcript AGAP009554-PA
JHU_Ag_115988	GDYNALLEEVSGGIK	AGAP009554-PA	-	79	2.08E-07	1	1564.789	2.45	Head	3R:-:36110002-36109958	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_116831	EAYDDLFNWISR	AGAP009554-PA	-	58	1.96E-05	2	1528.713	4.29	Head	3R:-:36104458-36104423	exon=> In CDS Exon 4 of transcript AGAP009554-PA
JHU_Ag_116857	IVHEEQQLR	AGAP009554-PA	-	35	0.003319544	1	1151.618	0.7	Male reproductive organs	3R:-:36086627-36086601	exon=> In CDS Exon 12 of transcript AGAP009554-PA
JHU_Ag_117659	HTEDLLK	AGAP009554-PA	-	33	0.003184746	2	855.452	-6.36	Head	3R:-:36115425-36115405	exon=> In CDS Exon 3 of transcript AGAP009554-PA
JHU_Ag_56605	GFGQPDGEHFIGLER	AGAP009556-PA	-	39	0.001675	1	1658.794	1.21	Pupa	3R:+:36145333-36145377	exon=> In CDS Exon 2 of transcript AGAP009556-PA
JHU_Ag_18527	ANEGQLFAFNYR	AGAP009563-PA	-	78	2.00E-07	2	1429.687	0.61	Ovary	3R:-:36261402-36261367	exon=> In CDS Exon 2 of transcript AGAP009563-PA
JHU_Ag_78331	ELLALQAELMK	AGAP009563-PA	-	33	0.005110066	1	1258.718	8.31	Malpighian tubule	3R:-:36259844-36259812	exon=> In CDS Exon 5 of transcript AGAP009563-PA
JHU_Ag_91463	DPVIVVDCPLGAVSR	AGAP009563-PA	C8(Carbamidomethyl)	80	1.10E-07	1	1596.845	2.05	Head	3R:-:36261603-36261559	exon=> In CDS Exon 2 of transcript AGAP009563-PA
JHU_Ag_101450	LQLYAFPR	AGAP009563-PA	-	35	0.001884325	2	1007.568	0.54	Midgut	3R:-:36261426-36261403	exon=> In CDS Exon 2 of transcript AGAP009563-PA
JHU_Ag_39499	ALKPELRVQAAR	AGAP009564-PA	-	40	9.85E-05	1	1351.821	3.19	Malpighian tubule	3R:+:36263332-36263367	exon=> In CDS Exon 1 of transcript AGAP009564-PA
JHU_Ag_25726	DDSHIK	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	39	0.000584378	1	714.342	0	Midgut	3R:+:36263371-36263388;X:+:4916531-4916548;X:+:4916531-4916548	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_35961	DDSHIK	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	34	0.002012304	2	714.342	-0.08	Malpighian tubule	3R:+:36263371-36263388;X:+:4916531-4916548;X:+:4916531-4916548	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_39419	RDDSHIK	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	33	0.003510205	1	870.445	2.4	Malpighian tubule	3R:+:36263368-36263388;X:+:4916528-4916548;X:+:4916528-4916548	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_64380	RDDSHIK	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	45	0.000272596	1	870.443	0.31	Head	3R:+:36263368-36263388;X:+:4916528-4916548;X:+:4916528-4916548	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_80071	ALKPELR	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	31	0.003180246	1	826.515	0.61	Visceras	3R:+:36263332-36263352;X:+:4916492-4916512;X:+:4916492-4916512	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_86757	ALKPELR	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	38	0.000557846	1	826.512	-3.68	Head	3R:+:36263332-36263352;X:+:4916492-4916512;X:+:4916492-4916512	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA

JHU_Ag_107370	ALKPELR	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	38	0.000646 34	1	826.515	0.38	Ovary	3R:+:36263332-36263352;X:+:4916492-4916512;X:+:4916492-4916512	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_107926	KALKPELR	AGAP009564-PA,AGAP000260-PC,AGAP000260-PA	-	41	0.000163 213	1	954.610	0.01	Visceras	3R:+:36263329-36263352;X:+:4916489-4916512;X:+:4916489-4916512	exon=> In CDS Exon 1 of transcript AGAP009564-PA;exon=> In CDS Exon 2 of transcript AGAP000260-PC;exon=> In CDS Exon 2 of transcript AGAP000260-PA
JHU_Ag_15467	HLEDIEGLISELTK	AGAP009565-PA	-	45	0.000330 467	2	1596.853	3.25	Head	3R:+:36266689-36266730	exon=> In CDS Exon 3 of transcript AGAP009565-PA
JHU_Ag_15219	LHTGETPFQCTYCQK	AGAP009566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl),"C10(Carbamidomethyl), C13(Carbamidomethyl), Q14(Deamidated)"	57	1.66E-05	1	1869.832	3.47	Head	3R:+:36323236-36323280	exon=> In CDS Exon 10 of transcript AGAP009566-PA
JHU_Ag_20691	LHTGETPFQCSYCQK	AGAP009566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	74	3.62E-07	1	1855.809	-0.44	Visceras	3R:+:36302640-36302684	exon=> In CDS Exon 2 of transcript AGAP009566-PA
JHU_Ag_24644	EHLTNHTR	AGAP009566-PA	-	37	0.003166 025	2	1007.502	0.44	Ovary	3R:+:36318948-36318970,36319408-36319408	exon=> In CDS Exon 8 and 9 of transcript AGAP009566-PA
JHU_Ag_32858	KEHLTNHVR	AGAP009566-PA	-	40	0.001154 985	1	1133.617	-0.51	Salivary gland	3R:+:36297961-36297987	exon=> In CDS Exon 1 of transcript AGAP009566-PA
JHU_Ag_35274	LHTGETPYQCTYCQK	AGAP009566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl), Q14(Deamidated)	64	2.31E-06	1	1886.806	0.87	Head	3R:+:36318888-36318932	exon=> In CDS Exon 8 of transcript AGAP009566-PA
JHU_Ag_37033	GNLLFHQR	AGAP009566-PA	-	33	0.003650 252	2	984.540	2.97	Head	3R:+:36329984-36330007	exon=> In CDS Exon 13 of transcript AGAP009566-PA
JHU_Ag_59133	SHTGERPFQCDECGK	AGAP009566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	35	0.001112 482	1	1807.753	2.58	Head	3R:+:36329924-36329968	exon=> In CDS Exon 13 of transcript AGAP009566-PA
JHU_Ag_69354	LHTGETPYQCTYCEK	AGAP009566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	64	2.31E-06	1	1886.806	0.86	Head	3R:+:36310898-36310942	exon=> In CDS Exon 5 of transcript AGAP009566-PA
JHU_Ag_79018	LTYHIR	AGAP009566-PA	-	36	0.005961 505	2	802.453	-4.78	Head	3R:+:36312431-36312447,36314318	exon=> In CDS Exon 6 and 7 of transcript AGAP009566-PA
JHU_Ag_81336	LHTGETPFQCSYCQK	AGAP009566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	112	4.68E-11	1	1855.803	-4.08	Head	3R:+:36302640-36302684	exon=> In CDS Exon 2 of transcript AGAP009566-PA
JHU_Ag_99764	EHLTNHTR	AGAP009566-PA	-	41	0.000877 863	1	1007.500	-2.11	Head	3R:+:36318948-36318970,36319408-36319408	exon=> In CDS Exon 8 and 9 of transcript AGAP009566-PA
JHU_Ag_100103	IHTGETPYACTYCDK	AGAP009566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	31	0.004636 169	1	1815.769	0.83	Head	3R:+:36312365-36312409	exon=> In CDS Exon 6 of transcript AGAP009566-PA
JHU_Ag_11463	FADSQGLGANR	AGAP009568-PA	-	69	1.49E-06	2	1135.549	-0.43	Male reproductive organs	3R:+:36359856-36359888	exon=> In CDS Exon 13 of transcript AGAP009568-PA
JHU_Ag_14343	LTQPDYTR	AGAP009568-PA	-	48	0.000270 021	2	993.499	-0.76	Male reproductive organs	3R:+:36358343-36358366	exon=> In CDS Exon 12 of transcript AGAP009568-PA

JHU_Ag_19568	IVEENLADLQR	AGAP009568-PA	-	88	2.07E-08	2	1299.691	0.55	Male reproductive organs	3R:+:36357674-36357706	exon=> In CDS Exon 11 of transcript AGAP009568-PA
JHU_Ag_30873	ICESFQPDTTHPDFR	AGAP009568-PA	C2(Carbamidomethyl)	47	0.000204372	1	1849.818	0.12	Male reproductive organs	3R:+:36360024-36360068	exon=> In CDS Exon 13 of transcript AGAP009568-PA
JHU_Ag_36004	QARAILLPTPAK	AGAP009568-PA	-	25	0.001986543	1	1278.790	0.42	Visceras	3R:+:36355354-36355389	exon=> In CDS Exon 7 of transcript AGAP009568-PA
JHU_Ag_39401	ETPAELVIR	AGAP009568-PA	-	54	2.79E-05	2	1027.578	-0.47	Male reproductive organs	3R:+:36361339-36361365	exon=> In CDS Exon 15 of transcript AGAP009568-PA
JHU_Ag_51724	SYGLLEVIQK	AGAP009568-PA	-	70	6.85E-07	2	1149.651	-0.02	Male reproductive organs	3R:+:36351997-36352026	exon=> In CDS Exon 7 of transcript AGAP009568-PA
JHU_Ag_55640	DLELFWQQVK	AGAP009568-PA	-	48	0.000258472	2	1305.684	-0.04	Male reproductive organs	3R:+:36350782-36350811	exon=> In CDS Exon 5 of transcript AGAP009568-PA
JHU_Ag_56493	AQYTVMNPK	AGAP009568-PA	M6(Oxidation)	54	5.80E-05	1	1067.519	-0.07	Male reproductive organs	3R:+:36353785-36353811	exon=> In CDS Exon 7 of transcript AGAP009568-PA
JHU_Ag_58214	DALTAVATK	AGAP009568-PA	-	46	0.000307567	1	889.499	0.47	Male reproductive organs	3R:+:36356527-36356553	exon=> In CDS Exon 9 of transcript AGAP009568-PA
JHU_Ag_58933	YYFEEQNLATR	AGAP009568-PA	-	61	1.12E-05	2	1433.671	0.77	Male reproductive organs	3R:+:36352681-36352713	exon=> In CDS Exon 7 of transcript AGAP009568-PA
JHU_Ag_59235	IAAETVAHQMAK	AGAP009568-PA	M10(Oxidation)	91	1.06E-08	1	1285.655	-1.66	Male reproductive organs	3R:+:36356929-36356964	exon=> In CDS Exon 10 of transcript AGAP009568-PA
JHU_Ag_62058	FVEGNELTETSLR	AGAP009568-PA	-	91	1.48E-08	2	1494.744	0.19	Male reproductive organs	3R:+:36355624-36355662	exon=> In CDS Exon 7 of transcript AGAP009568-PA
JHU_Ag_64853	VQADSEVAAEQK	AGAP009568-PA	-	98	2.73E-09	1	1274.622	0.1	Male reproductive organs	3R:+:36356965-36357000	exon=> In CDS Exon 10 of transcript AGAP009568-PA
JHU_Ag_68145	DVPVNQVIVPTIETIR	AGAP009568-PA	-	37	0.000667267	1	1793.018	0.52	Male reproductive organs	3R:+:36354700-36354747	exon=> In CDS Exon 7 of transcript AGAP009568-PA
JHU_Ag_76170	VIDYGLDDYIQR	AGAP009568-PA	-	69	1.69E-06	2	1469.729	1.14	Male reproductive organs	3R:+:36351400-36351435	exon=> In CDS Exon 6 of transcript AGAP009568-PA
JHU_Ag_76673	KLDEQIAQHAK	AGAP009568-PA	-	59	1.32E-05	1	1280.695	-0.74	Male reproductive organs	3R:+:36357707-36357739	exon=> In CDS Exon 11 of transcript AGAP009568-PA
JHU_Ag_77060	AVVDFVLGDAMTK	AGAP009568-PA	M11(Oxidation)	61	1.10E-05	2	1381.702	-0.77	Male reproductive organs	3R:+:36349152-36349190	exon=> In CDS Exon 1 of transcript AGAP009568-PA
JHU_Ag_78762	SYEAYTETER	AGAP009568-PA	-	49	5.26E-05	2	1248.531	-5.59	Male reproductive organs	3R:+:36352345-36352374	exon=> In CDS Exon 7 of transcript AGAP009568-PA
JHU_Ag_88025	QIIAEVTER	AGAP009568-PA	-	45	0.000457202	2	1058.584	-0.07	Male reproductive organs	3R:+:36358853-36358879	exon=> In CDS Exon 12 of transcript AGAP009568-PA
JHU_Ag_99301	YLTGECNYGGR	AGAP009568-PA	C6(Carbamidomethyl)	42	0.00030276	1	1289.558	-0.12	Male reproductive organs	3R:+:36360419-36360451	exon=> In CDS Exon 14 of transcript AGAP009568-PA
JHU_Ag_109745	NSLIVQGAENKR	AGAP009568-PA	-	58	1.78E-05	1	1328.728	-0.42	Male reproductive organs	3R:+:36358691-36358726	exon=> In CDS Exon 12 of transcript AGAP009568-PA
JHU_Ag_109978	AQQIAQWIER	AGAP009568-PA	-	59	1.18E-05	2	1242.659	0.38	Male reproductive organs	3R:+:36357935-36357964	exon=> In CDS Exon 11 of transcript AGAP009568-PA
JHU_Ag_1694	MVQSQNTAIATAAAQQQQQHLPYPPSAPK	AGAP009569-PA	M1(Oxidation)	157	2.74E-15	1	3120.555	0.62	Head	3R:-:36364283-36364197	exon=> In CDS Exon 1 of transcript AGAP009569-PA
JHU_Ag_29613	LSTSWLR	AGAP009569-PA	-	47	0.000275653	2	862.477	-1.02	Male reproductive organs	3R:-:36363202-36363182	exon=> In CDS Exon 3 of transcript AGAP009569-PA
JHU_Ag_55161	SLYPSLEDMLVDK	AGAP009569-PA	N-Term(Acetyl), M9(Oxidation)	44	0.00060651	1	1567.752	-2.44	Male reproductive organs	3R:-:36364322-36364284	exon=> In CDS Exon 1 of transcript AGAP009569-PA
JHU_Ag_92261	NSPAALAGLR	AGAP009569-PA	-	47	0.00011178	1	969.547	-0.7	Ovary	3R:-:36363693-36363664	exon=> In CDS Exon 2 of transcript AGAP009569-PA
JHU_Ag_98680	ELISSSDQVMTLTIVPK	AGAP009569-PA	M10(Oxidation)	77	2.66E-07	2	1876.994	0.2	Male reproductive organs	3R:-:36363280-36363230	exon=> In CDS Exon 3 of transcript AGAP009569-PA
JHU_Ag_934	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	125	3.80E-12	1	1686.799	7.26	Ovary	3R:+:36372168-36372209;X:+:9681417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA

JHU_Ag_7147	ISVLADALK	AGAP009572-PA,AGAP000541-PA	-	61	6.28E-06	1	929.568	1.68	Ovary	3R:+:36372048-36372074;X:+:968 1297-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_15130	WTNNLLPSR	AGAP009572-PA,AGAP000541-PA	-	48	0.000179238	2	1100.584	-0.66	Head	3R:+:36372303-36372329;X:+:968 1552-9681578	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_15203	ISVLADALK	AGAP009572-PA,AGAP000541-PA	-	46	0.000206612	1	929.569	2.48	Head	3R:+:36372048-36372074;X:+:968 1297-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_16159	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	116	3.06E-11	1	1686.791	2.51	Malpighian tubule	3R:+:36372168-36372209;X:+:968 1417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_20935	QVLIRPNSK	AGAP009572-PA,AGAP000541-PA	-	36	0.000869989	1	1054.638	1.01	Malpighian tubule	3R:+:36372108-36372134;X:+:968 1357-9681383	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_22532	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	67	2.47E-06	1	1686.794	3.92	Larva	3R:+:36372168-36372209;X:+:968 1417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_24099	WTNNLLPSR	AGAP009572-PA,AGAP000541-PA	-	40	0.001024269	2	1100.586	0.78	Malpighian tubule	3R:+:36372303-36372329;X:+:968 1552-9681578	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_24350	VVVNLTGR	AGAP009572-PA,AGAP000541-PA	-	32	0.005029012	2	857.522	2.07	Malpighian tubule	3R:+:36372219-36372242;X:+:968 1468-9681491	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_29834	ISVLADALK	AGAP009572-PA,AGAP000541-PA	-	52	5.92E-05	1	929.566	-0.95	Salivary gland	3R:+:36372048-36372074;X:+:968 1297-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_30400	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	76	3.23E-07	1	1686.785	-1.18	Pupa	3R:+:36372168-36372209;X:+:968 1417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_33297	FLTVMMK	AGAP009572-PA,AGAP000541-PA	M6(Oxidation)	35	0.002214276	1	885.459	1.81	Midgut	3R:+:36372147-36372167;X:+:968 1396-9681416	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_35768	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	119	1.42E-11	1	1686.783	-2.48	Midgut	3R:+:36372168-36372209;X:+:968 1417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_37098	AGIISPR	AGAP009572-PA,AGAP000541-PA	-	43	0.000254949	2	713.432	1.51	Malpighian tubule	3R:+:36372252-36372272;X:+:968 1501-9681521	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_39511	QVLIRPNSK	AGAP009572-PA,AGAP000541-PA	-	29	0.003722917	1	1054.639	2.51	Visceras	3R:+:36372108-36372134;X:+:968 1357-9681383	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_42007	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	100	1.24E-09	2	1686.788	0.24	Head	3R:+:36372168-36372209;X:+:968 1417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_43406	VRISVLADALK	AGAP009572-PA,AGAP000541-PA	-	69	2.39E-07	1	1184.738	1.8	Malpighian tubule	3R:+:36372042-36372074;X:+:968 1291-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_44628	VVVNLTGR	AGAP009572-PA,AGAP000541-PA	-	56	2.53E-05	2	857.520	-0.5	Ovary	3R:+:36372219-36372242;X:+:968 1468-9681491	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_50383	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	74	4.97E-07	1	1686.790	1.97	Visceras	3R:+:36372168-36372209;X:+:968 1417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA

JHU_Ag_53399	VVVNLTGRLNK	AGAP009572-PA,AGAP000541-PA	-	60	3.04E-06	1	1212.744	1.72	Malpighian tubule	3R:+:36372219-36372251;X:+:9681468-9681500	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_63188	VVVNLTGR	AGAP009572-PA,AGAP000541-PA	-	44	0.000489 06	2	857.520	-0.14	Salivary gland	3R:+:36372219-36372242;X:+:9681468-9681491	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_70212	FLTVMMK	AGAP009572-PA,AGAP000541-PA	-	32	0.004125 807	2	869.465	2.44	Malpighian tubule	3R:+:36372147-36372167;X:+:9681396-9681416	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_70234	QFGYVVLTTSGGIMDHEEAR	AGAP009572-PA,AGAP000541-PA	M14(Oxidation)	93	8.11E-09	1	2226.054	2.11	Ovary	3R:+:36372330-36372389;X:+:9681579-9681586,9683402-9683453	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000541-PA
JHU_Ag_72520	QFGYVVLTTSGGIMDHEEAR	AGAP009572-PA,AGAP000541-PA	M14(Oxidation)	98	2.57E-09	1	2210.051	-1.66	Midgut	3R:+:36372330-36372389;X:+:9681579-9681586,9683402-9683453	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000541-PA
JHU_Ag_74724	QFGYVVLTTSGGIMDHEEAR	AGAP009572-PA,AGAP000541-PA	-	62	1.04E-05	1	2210.053	-0.98	Salivary gland	3R:+:36372330-36372389;X:+:9681579-9681586,9683402-9683453	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000541-PA
JHU_Ag_77754	HGYIGEFEIVDDHR	AGAP009572-PA,AGAP000541-PA	-	88	1.87E-08	1	1686.786	-0.53	Salivary gland	3R:+:36372168-36372209;X:+:9681417-9681458	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_80436	ISVLADALK	AGAP009572-PA,AGAP000541-PA	-	51	5.72E-05	2	929.569	2.8	Malpighian tubule	3R:+:36372048-36372074;X:+:9681297-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_83729	WTNNLLPSR	AGAP009572-PA,AGAP000541-PA	-	40	0.000817 375	2	1100.586	1.44	Visceras	3R:+:36372303-36372329;X:+:9681552-9681578	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_84628	ISVLADALK	AGAP009572-PA,AGAP000541-PA	-	49	0.000121 658	1	929.566	-0.67	Midgut	3R:+:36372048-36372074;X:+:9681297-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_90202	ISVLADALK	AGAP009572-PA,AGAP000541-PA	-	51	6.23E-05	1	929.569	2.94	Larva	3R:+:36372048-36372074;X:+:9681297-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_94301	VVVNLTGR	AGAP009572-PA,AGAP000541-PA	-	66	2.05E-06	2	857.522	1.92	Visceras	3R:+:36372219-36372242;X:+:9681468-9681491	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_95002	VVVNLTGR	AGAP009572-PA,AGAP000541-PA	-	36	0.002960 481	2	857.519	-1.64	Pupa	3R:+:36372219-36372242;X:+:9681468-9681491	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_100913	ISVLADALK	AGAP009572-PA,AGAP000541-PA	-	51	5.50E-05	2	929.567	0.89	Visceras	3R:+:36372048-36372074;X:+:9681297-9681323	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_101303	WTNNLLPSR	AGAP009572-PA,AGAP000541-PA	-	38	0.001855 3	1	1100.586	0.85	Midgut	3R:+:36372303-36372329;X:+:9681552-9681578	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_115402	FLTVMMK	AGAP009572-PA,AGAP000541-PA	-	32	0.003524 102	2	869.464	1.39	Salivary gland	3R:+:36372147-36372167;X:+:9681396-9681416	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA

JHU_Ag_115710	QFGYVVLTTSGGIMDHEEAR	AGAP009572-PA,AGAP000541-PA	M14(Oxidation)	44	0.000653023	1	2226.053	1.37	Malpighian tubule	3R:+:36372330-36372389;X:+:9681579-9681586,9683402-9683453	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP000541-PA
JHU_Ag_117163	WTNNLLPSR	AGAP009572-PA,AGAP000541-PA	-	36	0.00302991	2	1100.585	0.56	Pupa	3R:+:36372303-36372329;X:+:9681552-9681578	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_117713	VVVNLTGR	AGAP009572-PA,AGAP000541-PA	-	35	0.003268604	2	857.519	-1.56	Midgut	3R:+:36372219-36372242;X:+:9681468-9681491	exon=> In CDS Exon 1 of transcript AGAP009572-PA;exon=> In CDS Exon 1 of transcript AGAP000541-PA
JHU_Ag_80576	DDPSAGSVAPGFDSLPK	AGAP009577-PA	-	76	2.86E-07	2	1659.790	2.44	Head	3R:-:36450780-36450730	exon=> In CDS Exon 3 of transcript AGAP009577-PA
JHU_Ag_9837	AFVAAFELLQK	AGAP009579-PA	-	82	3.86E-08	2	1236.702	2.49	Head	3R:-:36520000-36519968	exon=> In CDS Exon 4 of transcript AGAP009579-PA
JHU_Ag_10420	VFTYLLGR	AGAP009579-PA	-	60	4.66E-06	2	968.557	0.35	Visceras	3R:-:36519760-36519737	exon=> In CDS Exon 5 of transcript AGAP009579-PA
JHU_Ag_11712	SILDTFSNNDFINIYK	AGAP009579-PA	-	76	4.13E-07	1	1903.953	4.86	Visceras	3R:-:36520249-36520202	exon=> In CDS Exon 3 of transcript AGAP009579-PA
JHU_Ag_19784	YHYLEGHEFK	AGAP009579-PA	-	50	0.000108985	1	1322.613	-2.35	Head	3R:-:36518728-36518699	exon=> In CDS Exon 7 of transcript AGAP009579-PA
JHU_Ag_37223	AFVAAFELLQK	AGAP009579-PA	-	47	9.11E-05	2	1236.702	2.88	Pupa	3R:-:36520000-36519968	exon=> In CDS Exon 4 of transcript AGAP009579-PA
JHU_Ag_39101	EMSPFILELR	AGAP009579-PA	M2(Oxidation)	40	0.001645394	2	1250.646	0.54	Midgut	3R:-:36519110-36519081	exon=> In CDS Exon 6 of transcript AGAP009579-PA
JHU_Ag_42065	DGTALIQSIVENVGR	AGAP009579-PA	-	61	8.32E-06	2	1571.845	3.77	Head	3R:-:36520939-36520895	exon=> In CDS Exon 2 of transcript AGAP009579-PA
JHU_Ag_52149	AFVAAFELLQK	AGAP009579-PA	-	92	3.47E-09	2	1236.700	1.4	Visceras	3R:-:36520000-36519968	exon=> In CDS Exon 4 of transcript AGAP009579-PA
JHU_Ag_62488	DGTALIQSIVENVGR	AGAP009579-PA	-	79	1.55E-07	1	1571.843	2.69	Visceras	3R:-:36520939-36520895	exon=> In CDS Exon 2 of transcript AGAP009579-PA
JHU_Ag_80388	NWEFENENER	AGAP009579-PA	-	33	0.0014392	2	1366.568	1.48	Head	3R:-:36518416-36518387	exon=> In CDS Exon 8 of transcript AGAP009579-PA
JHU_Ag_110799	AFVAAFELLQK	AGAP009579-PA	-	74	2.12E-07	2	1236.697	-1.36	Midgut	3R:-:36520000-36519968	exon=> In CDS Exon 4 of transcript AGAP009579-PA
JHU_Ag_38737	GSIGPK	AGAP009581-PA	-	31	0.003993583	1	558.323	-3.02	Midgut	3R:+:36561237-36561254	exon=> In CDS Exon 8 of transcript AGAP009581-PA
JHU_Ag_62914	GNSVTLILDCGTQITRPLNR	AGAP009581-PA	C10(Carbamidomethyl)	79	1.00E-07	3	2228.197	6.98	Pupa	3R:+:36557143-36557202	exon=> In CDS Exon 2 of transcript AGAP009581-PA
JHU_Ag_86420	GEQGLVGPVGR	AGAP009581-PA	-	39	0.001022555	1	1068.581	1.54	Larva	3R:+:36560622-36560654	exon=> In CDS Exon 7 of transcript AGAP009581-PA
JHU_Ag_2154	LENFIQQHSA	AGAP009584-PA	-	66	2.50E-06	1	1186.586	0.81	Ovary	3R:+:36675565-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_13147	EVVGQFSGANAEKLENFIQQHSA	AGAP009584-PA	-	153	6.61E-15	1	2503.226	1.9	Salivary gland	3R:+:36675526-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_14389	VDVDECEELAAQYNIASMPTFLFIK	AGAP009584-PA	C6(Carbamidomethyl), M18(Oxidation)	121	1.12E-11	1	2919.379	-0.01	Ovary	3R:+:36675445-36675519	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_20282	DSEDFNNK	AGAP009584-PA	-	27	0.004297454	2	968.395	-1.01	Head	3R:+:36671522-36671527,36675298-36675315	exon=> In CDS Exon 1 and 2 of transcript AGAP009584-PA
JHU_Ag_22368	EVVGQFSGANAEK	AGAP009584-PA	-	87	3.37E-08	2	1335.655	0.54	Visceras	3R:+:36675526-36675564	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_23652	LENFIQQHSA	AGAP009584-PA	-	58	1.70E-05	1	1186.588	2.1	Visceras	3R:+:36675565-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_38426	EVVGQFSGANAEKLENFIQQHSA	AGAP009584-PA	-	155	4.58E-15	1	2503.233	4.68	Malpighian tubule	3R:+:36675526-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA

JHU_Ag_45898	VDVDECEELAAQYNIASMPTFLFIK	AGAP009584-PA	C6(Carbamidomethyl), M18(Oxidation)	128	1.94E-12	1	2919.385	2	Malpighian tubule	3R:+:36675445-36675519	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_46208	YADKIVVVK	AGAP009584-PA	-	32	0.001394513	2	1034.625	0.29	Visceras	3R:+:36675418-36675444	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_47635	VYMVK	AGAP009584-PA	-	30	0.005378583	1	639.352	-1.84	Head	3R:+:36671507-36671521	exon=> In CDS Exon 1 of transcript AGAP009584-PA
JHU_Ag_52911	LENFIQQHSA	AGAP009584-PA	-	53	4.41E-05	1	1186.585	0.15	Head	3R:+:36675565-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_55144	EVVGQFSGANAEK	AGAP009584-PA	-	83	7.48E-08	2	1335.656	1.64	Midgut	3R:+:36675526-36675564	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_61773	LENFIQQHSA	AGAP009584-PA	-	51	7.73E-05	1	1186.587	1.42	Salivary gland	3R:+:36675565-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_61892	EVVGQFSGANAEKLENFIQQHSA	AGAP009584-PA	-	135	4.02E-13	1	2503.228	2.85	Visceras	3R:+:36675526-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_63137	EVVGQFSGANAEK	AGAP009584-PA	-	86	4.04E-08	2	1335.658	2.91	Malpighian tubule	3R:+:36675526-36675564	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_63527	LEEFQNK	AGAP009584-PA	-	40	0.001676952	2	907.450	-1.95	Head	3R:+:36675397-36675417	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_75787	DSEDFNNK	AGAP009584-PA	-	44	8.92E-05	1	968.396	-0.01	Ovary	3R:+:36671522-36671527,36675298-36675315	exon=> In CDS Exon 1 and 2 of transcript AGAP009584-PA
JHU_Ag_77919	KEVVGQFSGANAEK	AGAP009584-PA	-	116	3.90E-11	1	1463.751	1.49	Ovary	3R:+:36675523-36675564	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_87014	EVVGQFSGANAEKLENFIQQHSA	AGAP009584-PA	-	78	2.28E-07	1	2503.217	-1.54	Midgut	3R:+:36675526-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_89540	EVVGQFSGANAEKLENFIQQHSA	AGAP009584-PA	-	109	1.69E-10	1	2503.229	3.07	Ovary	3R:+:36675526-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_97542	EVVGQFSGANAEK	AGAP009584-PA	-	102	1.12E-09	1	1335.654	-0.1	Head	3R:+:36675526-36675564	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_104316	LENFIQQHSA	AGAP009584-PA	-	42	0.000618064	2	1186.587	1.83	Malpighian tubule	3R:+:36675565-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_108871	EVVGQFSGANAEK	AGAP009584-PA	-	72	1.12E-06	2	1335.659	4.01	Larva	3R:+:36675526-36675564	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_114786	EVVGQFSGANAEK	AGAP009584-PA	N10(Deamidated)	89	2.17E-08	1	1335.652	-1.47	Ovary	3R:+:36675526-36675564	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_115188	LENFIQQHSA	AGAP009584-PA	-	55	3.23E-05	2	1186.582	-3	Midgut	3R:+:36675565-36675594	exon=> In CDS Exon 2 of transcript AGAP009584-PA
JHU_Ag_35924	ISSWNVAGLR	AGAP009587-PA	-	89	2.47E-08	2	1102.599	-1.25	Salivary gland	3R:+:36690864-36690893	exon=> In CDS Exon 3 of transcript AGAP009587-PA
JHU_Ag_84754	TDGGDDVSETKPVEPEASSAVK	AGAP009587-PA	-	71	1.07E-06	1	2218.041	2.37	Head	3R:+:36689899-36689964	exon=> In CDS Exon 2 of transcript AGAP009587-PA
JHU_Ag_16486	ATPLVLTEKEQEQDTLLR	AGAP009591-PA	-	34	0.002557535	1	2084.135	5.7	Malpighian tubule	3R:-:36722471-36722418	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_16625	IPQTEIGASYDPALFR	AGAP009591-PA	-	82	8.06E-08	1	1777.913	0.71	Head	3R:-:36722855-36722808	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_19542	GLDSVPGALAVVR	AGAP009591-PA	-	39	0.00050441	2	1253.724	2.3	Larva	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_22312	ADVDDAVQAADEAFR	AGAP009591-PA	-	67	2.34E-06	2	1592.727	5.13	Larva	3R:-:36722021-36721977	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_36688	IPQTEIGASYDPALFREENQYLNLNQPAVR	AGAP009591-PA	-	72	5.60E-07	1	3446.752	5.33	Malpighian tubule	3R:-:36722855-36722766	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_47107	GLDSVPGALAVVR	AGAP009591-PA	-	37	0.000774076	2	1253.723	1.52	Salivary gland	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_49105	GLDSVPGALAVVR	AGAP009591-PA	-	36	0.001056291	2	1253.722	0.83	Visceras	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA

JHU_Ag_50552	GLDSVPGALAVVR	AGAP009591-PA	-	39	0.000471828	2	1253.723	1.22	Male reproductive organs	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_57955	GLDSVPGALAVVR	AGAP009591-PA	-	33	0.001992457	2	1253.722	0.64	Midgut	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_67089	GLDSVPGALAVVR	AGAP009591-PA	-	35	0.001271712	2	1253.721	-0.04	Ovary	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_72492	AGFPPGVINVVTGTGSLAGQALADHPAVR	AGAP009591-PA	-	80	4.88E-08	1	2772.505	9.33	Larva	3R:-:36721553-36721467	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_80100	AGFPPGVINVVTGTGSLAGQALADHPAVR	AGAP009591-PA	-	33	0.002223556	1	2772.512	11.64	Malpighian tubule	3R:-:36721553-36721467	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_93235	GLDSVPGALAVVR	AGAP009591-PA	-	32	0.002553081	2	1253.725	2.88	Pupa	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_93886	AGFPPGVINVVTGTGSLAGQALADHPAVR	AGAP009591-PA	-	48	8.15E-05	1	2772.480	0.28	Head	3R:-:36721553-36721467	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_100017	GLDSVPGALAVVR	AGAP009591-PA	-	38	0.000514402	2	1253.727	4.53	Malpighian tubule	3R:-:36722747-36722709	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_105376	EENQYLNLNQPAVR	AGAP009591-PA	-	55	5.43E-05	1	1687.843	1.6	Head	3R:-:36722807-36722766	exon=> In CDS Exon 1 of transcript AGAP009591-PA
JHU_Ag_1708	FDWYVFPNANPDGYAYTFQVNR	AGAP009593-PA	-	62	7.36E-06	2	2684.214	-2.38	Pupa	3R:+:36731268-36731333	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_9722	YGNVYDAIYPASGSSVDWSYGAQDVK	AGAP009593-PA	-	74	4.49E-07	2	2812.266	-2.88	Pupa	3R:+:36731679-36731756	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_13115	EVELLDAGR	AGAP009593-PA	-	67	3.36E-06	1	1001.526	-0.5	Midgut	3R:+:36731064-36731090	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_14893	AYGPFCYGADPNR	AGAP009593-PA	C6(Carbamidomethyl)	109	7.67E-11	1	1487.637	-0.18	Midgut	3R:+:36731355-36731393	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_16031	LSYGPGRPGVFLEGGIHAR	AGAP009593-PA	-	47	0.000198986	1	1983.060	1.85	Malpighian tubule	3R:+:36731124-36731180	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_16332	EWISPATVTYILNQLLTSEDAK	AGAP009593-PA	-	60	1.03E-05	1	2492.292	0.04	Midgut	3R:+:36731181-36731246	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_20696	EWISPATVTYILNQLLTSEDAK	AGAP009593-PA	-	116	2.42E-11	2	2492.297	2.08	Pupa	3R:+:36731181-36731246	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_21768	NWDFHWAEQGTSNNACSDTYHGSEAFSEVETR	AGAP009593-PA	C16(Carbamidomethyl)	39	0.000243373	1	3732.537	1.45	Midgut	3R:+:36731394-36731489	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_27632	GPFDWNDYHTLEEIHAWLDQLASEHPK	AGAP009593-PA	-	73	6.32E-07	1	3248.507	-0.18	Midgut	3R:+:36730983-36731063	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_35425	AYGPFCYGADPNR	AGAP009593-PA	C6(Carbamidomethyl)	100	6.56E-10	1	1487.638	0.81	Pupa	3R:+:36731355-36731393	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_36188	EVELLDAGR	AGAP009593-PA	-	61	1.17E-05	1	1001.526	-0.69	Pupa	3R:+:36731064-36731090	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_42224	LSYGPGRPGVFLEGGIHAR	AGAP009593-PA	-	106	2.36E-10	1	1983.054	-0.92	Midgut	3R:+:36731124-36731180	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_55503	FDWYVFPNANPDGYAYTFQVNR	AGAP009593-PA	-	85	3.80E-08	2	2684.214	-2.29	Midgut	3R:+:36731268-36731333	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_64303	KAYGPFCYGADPNR	AGAP009593-PA	C7(Carbamidomethyl)	83	4.77E-08	1	1615.732	-0.39	Pupa	3R:+:36731352-36731393	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_92350	LSYGPGRPGVFLEGGIHAR	AGAP009593-PA	-	107	1.96E-10	1	1983.056	0.09	Pupa	3R:+:36731124-36731180	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_98393	ALAEKFDWYVFPNANPDGYAYTFQVNR	AGAP009593-PA	-	57	2.70E-05	1	3196.524	2.42	Midgut	3R:+:36731253-36731333	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_100738	AKGPFDWNDYHTLEEIHAWLDQLASEHPK	AGAP009593-PA	-	67	2.94E-06	1	3447.636	-1.09	Midgut	3R:+:36730977-36731063	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_102433	KAYGPFCYGADPNR	AGAP009593-PA	C7(Carbamidomethyl)	45	0.000302715	1	1615.733	0.21	Midgut	3R:+:36731352-36731393	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_103992	SLAAFVEK	AGAP009593-PA	-	43	0.000574677	1	864.485	2.28	Midgut	3R:+:36731490-36731513	exon=> In CDS Exon 1 of transcript AGAP009593-PA

JHU_Ag_106795	SLAAFVEK	AGAP009593-PA	-	41	0.000906462	1	864.482	-1.04	Pupa	3R:+:36731490-36731513	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_111847	YGNVYDAIYPASGSSVDWSYGAQDVK	AGAP009593-PA	-	87	1.97E-08	2	2812.276	0.77	Midgut	3R:+:36731679-36731756	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_117351	SVAAMEQASDSLIFLETAR	AGAP009593-PA	M5(Oxidation)	119	1.66E-11	1	2055.008	0.59	Midgut	3R:+:36730767-36730823	exon=> In CDS Exon 1 of transcript AGAP009593-PA
JHU_Ag_6319	AFDEERVR	AGAP009593-PA,AGAP009592-PA	-	37	0.003441546	1	1021.506	-0.52	Pupa	3R:+:36730938-36730961;3R:+:36727857-36727880	exon=> In CDS Exon 1 of transcript AGAP009593-PA;exon=> In CDS Exon 2 of transcript AGAP009592-PA
JHU_Ag_14168	LADFTETLESDYIPHELIEQNVQR	AGAP009593-PA,AGAP009592-PA	-	103	7.76E-10	1	2860.409	2.99	Malpighian tubule	3R:+:36730866-36730937;3R:+:36727785-36727856	exon=> In CDS Exon 1 of transcript AGAP009593-PA;exon=> In CDS Exon 2 of transcript AGAP009592-PA
JHU_Ag_88855	LADFTETLESDYIPHELIEQNVQR	AGAP009593-PA,AGAP009592-PA	-	162	9.33E-16	1	2860.405	1.65	Pupa	3R:+:36730866-36730937;3R:+:36727785-36727856	exon=> In CDS Exon 1 of transcript AGAP009593-PA;exon=> In CDS Exon 2 of transcript AGAP009592-PA
JHU_Ag_108700	LADFTETLESDYIPHELIEQNVQR	AGAP009593-PA,AGAP009592-PA	-	164	5.76E-16	1	2860.386	-5.08	Midgut	3R:+:36730866-36730937;3R:+:36727785-36727856	exon=> In CDS Exon 1 of transcript AGAP009593-PA;exon=> In CDS Exon 2 of transcript AGAP009592-PA
JHU_Ag_1598	LIDEFLEPYTVEEDNR	AGAP009595-PA	-	42	0.001054608	2	1981.941	0.99	Pupa	3R:+:36764362-36764383,36764471-36764496	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA
JHU_Ag_2834	SPCIFLK	AGAP009595-PA	C3(Carbamidomethyl)	34	0.004964838	1	864.463	-2.11	Midgut	3R:+:36764605-36764625	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_3559	NTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C9(Carbamidomethyl)	109	1.54E-10	1	3140.481	-1.55	Pupa	3R:+:36764831-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_5563	GNKNTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C12(Carbamidomethyl)	188	1.59E-18	1	3439.653	2.26	Malpighian tubule	3R:+:36764822-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_5969	ASDNGNVGIWTK	AGAP009595-PA	-	75	6.14E-07	2	1261.619	1.77	Visceras	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA
JHU_Ag_6329	LIDEFLEPYTVEEDNRVDCSFDNPPPEGK	AGAP009595-PA	C19(Carbamidomethyl)	130	9.93E-13	1	3424.564	3.26	Head	3R:+:36764362-36764383,36764471-36764535	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA
JHU_Ag_6882	RGFPGYFFPYK	AGAP009595-PA	-	35	0.005822481	1	1378.693	-0.74	Midgut	3R:+:36764991-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_8226	MPDDLKEHIR	AGAP009595-PA	M1(Oxidation)	60	1.38E-05	1	1253.631	-0.07	Midgut	3R:+:36764777-36764806	exon=> In CDS Exon 5 of transcript AGAP009595-PA
JHU_Ag_8490	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	66	1.58E-06	1	2035.094	1.94	Visceras	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_10521	NTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C9(Carbamidomethyl)	135	3.76E-13	1	3140.496	3.47	Larva	3R:+:36764831-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_18802	EHIRGEEAR	AGAP009595-PA	-	43	0.000731316	1	1096.548	-1.37	Head	3R:+:36764795-36764821	exon=> In CDS Exon 5 of transcript AGAP009595-PA
JHU_Ag_19157	TGVLINIECK	AGAP009595-PA	C9(Carbamidomethyl)	38	0.002868657	2	1146.617	-1.66	Midgut	3R:+:36765078-36765078,36770976-36771004	exon=> In CDS Exon 6 and 7 of transcript AGAP009595-PA
JHU_Ag_21765	KSPCIFLK	AGAP009595-PA	C4(Carbamidomethyl)	45	0.000229126	1	992.560	-0.3	Head	3R:+:36764602-36764625	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_22594	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	48	8.85E-05	1	2035.099	4.51	Malpighian tubule	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_24489	LIDEFLEPYTVEEDNRVDCSFDNPPPEGK	AGAP009595-PA	C19(Carbamidomethyl)	83	5.43E-08	1	3424.557	1.28	Visceras	3R:+:36764362-36764383,36764471-36764535	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA

JHU_Ag_24902	NTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C9(Carbamidomethyl)	104	5.04E-10	1	3140.486	0.09	Visceras	3R:+:36764831-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_26290	VAEQYYAPPPK	AGAP009595-PA	-	70	1.89E-06	2	1262.644	2.26	Male reproductive organs	3R:+:36755403-36755435	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_27224	GFPGYFFPYK	AGAP009595-PA	-	54	5.04E-05	1	1222.593	-0.1	Male reproductive organs	3R:+:36764994-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_28112	ASDNGNVGIWTK	AGAP009595-PA	N4(Deamidated)	106	4.39E-10	1	1262.603	1.57	Salivary gland	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA
JHU_Ag_28203	GNKNTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C12(Carbamidomethyl)	83	5.66E-08	1	3439.651	1.63	Salivary gland	3R:+:36764822-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_29019	SPCIFLK	AGAP009595-PA	C3(Carbamidomethyl)	46	0.000293025	1	864.464	-0.77	Male reproductive organs	3R:+:36764605-36764625	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_29748	GFPGYFFPYK	AGAP009595-PA	-	38	0.002342914	2	1222.594	0.4	Pupa	3R:+:36764994-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_30419	TGVLINIECK	AGAP009595-PA	C9(Carbamidomethyl)	64	5.65E-06	1	1146.619	-0.07	Pupa	3R:+:36765078-36765078,36770976-36771004	exon=> In CDS Exon 6 and 7 of transcript AGAP009595-PA
JHU_Ag_33983	RGFPGYFFPYK	AGAP009595-PA	-	41	0.001292632	1	1378.701	4.57	Salivary gland	3R:+:36764991-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_35400	VAEQYYAPPPK	AGAP009595-PA	-	67	3.44E-06	1	1262.644	1.58	Malpighian tubule	3R:+:36755403-36755435	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_35967	VAEQYYAPPPK	AGAP009595-PA	-	77	3.42E-07	1	1262.642	0.52	Visceras	3R:+:36755403-36755435	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_38333	TGVLINIECKAWAR	AGAP009595-PA	C9(Carbamidomethyl)	68	1.86E-06	2	1630.880	3.9	Malpighian tubule	3R:+:36765078-36765078,36770976-36771016	exon=> In CDS Exon 6 and 7 of transcript AGAP009595-PA
JHU_Ag_40697	RGFPGYFFPYK	AGAP009595-PA	-	45	0.000557583	1	1378.695	0.67	Male reproductive organs	3R:+:36764991-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_45148	VAEQYYAPPPK	AGAP009595-PA	-	67	4.34E-06	1	1262.641	-0.35	Salivary gland	3R:+:36755403-36755435	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_45906	ASDNGNVGIWTK	AGAP009595-PA	N4(Deamidated),N6(Deamidated)	106	4.56E-10	1	1262.601	0.02	Midgut	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA
JHU_Ag_46078	GFPGYFFPYK	AGAP009595-PA	-	64	5.11E-06	1	1222.595	1.19	Head	3R:+:36764994-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_46911	VPMTNWSPCVK	AGAP009595-PA	M3(Oxidation),C9(Carbamidomethyl),C9(Carbamidomethyl)	66	3.72E-06	1	1318.625	-2.66	Head	3R:+:36764545-36764577	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_47869	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	61	1.21E-05	2	1698.795	2.63	Ovary	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_47961	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	35	0.002157669	1	2035.094	1.81	Ovary	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_50195	TGVLINIECK	AGAP009595-PA	C9(Carbamidomethyl)	73	8.22E-07	1	1146.618	-0.49	Male reproductive organs	3R:+:36765078-36765078,36770976-36771004	exon=> In CDS Exon 6 and 7 of transcript AGAP009595-PA
JHU_Ag_50447	VAEQYYAPPPKLGK	AGAP009595-PA	-	68	1.62E-06	1	1560.843	0.45	Malpighian tubule	3R:+:36755403-36755444	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_54384	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	AGAP009595-PA	-	130	8.42E-13	1	3855.931	2.05	Visceras	3R:+:36764127-36764163,36764261-36764325	exon=> In CDS Exon 2 and 3 of transcript AGAP009595-PA
JHU_Ag_55588	TGVLINIECK	AGAP009595-PA	C9(Carbamidomethyl)	54	6.40E-05	2	1146.621	1.74	Head	3R:+:36765078-36765078,36770976-36771004	exon=> In CDS Exon 6 and 7 of transcript AGAP009595-PA

JHU_Ag_56000	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	AGAP009595-PA	-	68	1.04E-06	1	3855.965	10.89	Larva	3R:+:36764127-36764163,36764261-36764325	exon=> In CDS Exon 2 and 3 of transcript AGAP009595-PA
JHU_Ag_56740	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	N1(Deamidated)	70	6.22E-07	1	2035.100	4.7	Salivary gland	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_58659	RGFPGYFFPYK	AGAP009595-PA	-	54	7.74E-05	1	1378.695	0.23	Pupa	3R:+:36764991-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_59083	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	90	6.43E-09	1	2035.093	1.7	Pupa	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_59177	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	107	3.20E-10	1	1698.793	1.2	Head	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_59979	NTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C9(Carbamidomethyl)	193	6.21E-19	1	3140.497	3.58	Midgut	3R:+:36764831-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_60092	VPMTNWSPCVKENQYNFK	AGAP009595-PA	C9(Carbamidomethyl)	116	4.01E-11	1	2242.048	2.44	Malpighian tubule	3R:+:36764545-36764598	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_60746	VPMTNWSPCVK	AGAP009595-PA	M3(Oxidation), C9(Carbamidomethyl)	75	3.96E-07	1	1334.622	-0.55	Male reproductive organs	3R:+:36764545-36764577	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_61037	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	115	4.50E-11	1	1698.796	2.99	Salivary gland	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_63643	VAEQYYAPPPK	AGAP009595-PA	-	88	3.06E-08	2	1262.641	-0.54	Midgut	3R:+:36755403-36755435	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_64778	NTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C9(Carbamidomethyl)	217	2.40E-21	1	3140.490	1.48	Salivary gland	3R:+:36764831-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_65412	SPCIFLK	AGAP009595-PA	C3(Carbamidomethyl)	51	9.40E-05	1	864.463	-2.61	Head	3R:+:36764605-36764625	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_65624	LIDEFLEPYTVEEDNR	AGAP009595-PA	-	56	4.03E-05	2	1981.943	1.79	Head	3R:+:36764362-36764383,36764471-36764496	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA
JHU_Ag_66611	SPCIFLK	AGAP009595-PA	C3(Carbamidomethyl)	52	8.30E-05	1	864.465	0.57	Salivary gland	3R:+:36764605-36764625	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_66845	VPMTNWSPCVK	AGAP009595-PA	M3(Oxidation), C9(Carbamidomethyl),C9(Carbamidomethyl)	76	4.08E-07	1	1334.627	2.74	Salivary gland	3R:+:36764545-36764577	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_67644	TGVLINIECK	AGAP009595-PA	C9(Carbamidomethyl)	79	2.16E-07	1	1146.621	2.17	Salivary gland	3R:+:36765078-36765078,36770976-36771004	exon=> In CDS Exon 6 and 7 of transcript AGAP009595-PA
JHU_Ag_70360	ASDNGNVGIWTK	AGAP009595-PA	N4(Deamidated)	43	0.000848626	2	1262.607	4.86	Larva	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA
JHU_Ag_71714	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	AGAP009595-PA	-	90	8.54E-09	1	3855.935	3.1	Head	3R:+:36764127-36764163,36764261-36764325	exon=> In CDS Exon 2 and 3 of transcript AGAP009595-PA
JHU_Ag_71721	NTNVVWVSCSGENPADNEHIGAIQYIPRR	AGAP009595-PA	C9(Carbamidomethyl)	137	2.62E-13	1	3296.593	1.97	Malpighian tubule	3R:+:36764831-36764833,36764910-36764993	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_72049	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	46	0.000156972	1	2035.091	0.64	Male reproductive organs	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_72147	NTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C9(Carbamidomethyl), N17(Deamidated),C9(Carbamidomethyl),"N1(Deamidated), C9(Carbamidomethyl)","N3(Deamidated), C9(Carbamidomethyl)"	176	3.04E-17	1	3140.495	2.99	Head	3R:+:36764831-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA

JHU_Ag_73035	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	AGAP009595-PA	-	86	2.25E-08	1	3855.927	1.01	Malpighian tubule	3R:+:36764127-36764163,36764261-36764325	exon=> In CDS Exon 2 and 3 of transcript AGAP009595-PA
JHU_Ag_73752	ASDNGNVGIWTK	AGAP009595-PA	N4(Deamidated),N6(Deamidated)	92	1.21E-08	1	1261.617	-0.36	Head	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA
JHU_Ag_73835	GFPGYFFPYK	AGAP009595-PA	-	36	0.003885526	1	1222.593	-0.5	Ovary	3R:+:36764994-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_75386	VPMTNWSPCVK	AGAP009595-PA	M3(Oxidation),C9(Carbamidomethyl),C9(Carbamidomethyl)	67	2.88E-06	1	1318.629	0.21	Malpighian tubule	3R:+:36764545-36764577	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_77068	RGFPGYFFPYK	AGAP009595-PA	-	50	0.000170039	1	1378.695	0.29	Head	3R:+:36764991-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_79257	LIDEFLEPYTVEEDNRVDCSFDNPPPEGK	AGAP009595-PA	C19(Carbamidomethyl)	52	7.11E-05	1	3424.552	-0.32	Midgut	3R:+:36764362-36764383,36764471-36764535	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA
JHU_Ag_79314	VPMTNWSPCVK	AGAP009595-PA	M3(Oxidation),C9(Carbamidomethyl)	42	0.000902135	2	1334.621	-2.02	Pupa	3R:+:36764545-36764577	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_80587	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	AGAP009595-PA	-	162	5.88E-16	1	3855.926	0.82	Midgut	3R:+:36764127-36764163,36764261-36764325	exon=> In CDS Exon 2 and 3 of transcript AGAP009595-PA
JHU_Ag_81360	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	50	5.05E-05	1	2035.106	7.64	Larva	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_83551	EHIRGEEAR	AGAP009595-PA	-	38	0.001897164	2	1096.551	1.03	Ovary	3R:+:36764795-36764821	exon=> In CDS Exon 5 of transcript AGAP009595-PA
JHU_Ag_89168	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	81	6.02E-08	1	2035.094	2.18	Head	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_90515	TGVLINIECK	AGAP009595-PA	C9(Carbamidomethyl)	69	2.02E-06	1	1146.620	0.68	Visceras	3R:+:36765078-36765078,36770976-36771004	exon=> In CDS Exon 6 and 7 of transcript AGAP009595-PA
JHU_Ag_90553	VAEQYYAPPPK	AGAP009595-PA	-	81	1.47E-07	2	1262.640	-0.93	Pupa	3R:+:36755403-36755435	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_92078	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	68	2.55E-06	2	1698.793	1.27	Pupa	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_92598	ASDNGNVGIWTK	AGAP009595-PA	N4(Deamidated),N6(Deamidated)	100	1.70E-09	1	1262.600	-0.66	Male reproductive organs	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA
JHU_Ag_93916	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	103	6.57E-10	2	1698.789	-0.6	Midgut	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_94712	VAEQYYAPPPK	AGAP009595-PA	-	88	3.08E-08	2	1262.643	1.29	Head	3R:+:36755403-36755435	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_97846	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	AGAP009595-PA	-	207	1.70E-20	1	3855.930	1.77	Salivary gland	3R:+:36764127-36764163,36764261-36764325	exon=> In CDS Exon 2 and 3 of transcript AGAP009595-PA
JHU_Ag_98431	LIDEFLEPYTVEEDNRVDCSFDNPPPEGK	AGAP009595-PA	C19(Carbamidomethyl)	55	3.25E-05	3	3424.546	-1.93	Pupa	3R:+:36764362-36764383,36764471-36764535	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA
JHU_Ag_100059	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	111	1.22E-10	1	1698.795	2.56	Visceras	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_101866	ASDNGNVGIWTK	AGAP009595-PA	N4(Deamidated)	91	1.70E-08	1	1261.620	2.16	Malpighian tubule	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA
JHU_Ag_103298	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	112	9.30E-11	1	1698.796	3.28	Malpighian tubule	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_104188	TFLWNSETSQCLGR	AGAP009595-PA	C11(Carbamidomethyl)	105	4.65E-10	1	1698.793	1.63	Male reproductive organs	3R:+:36755460-36755501	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_107002	ASDNGNVGIWTK	AGAP009595-PA	N4(Deamidated)	99	1.92E-09	1	1262.600	-1.04	Pupa	3R:+:36764326-36764361	exon=> In CDS Exon 3 of transcript AGAP009595-PA

JHU_Ag_108054	LIDEFLEPYTVEEDNRVDCSFDNPPPEGK	AGAP009595-PA	C19(Carbamidomethyl)	83	5.49E-08	1	3424.559	1.71	Salivary gland	3R:+:36764362-36764383,36764471-36764535	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA
JHU_Ag_108199	VDCSFDNPPPEGK	AGAP009595-PA	C3(Carbamidomethyl)	91	4.59E-09	1	1461.634	1.65	Head	3R:+:36764497-36764535	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_108684	NTNVVWVSCSGENPADNEHIGAIQYIPR	AGAP009595-PA	C9(Carbamidomethyl)	144	4.45E-14	1	3140.494	2.77	Malpighian tubule	3R:+:36764831-36764833,36764910-36764990	exon=> In CDS Exon 5 and 6 of transcript AGAP009595-PA
JHU_Ag_110020	VPMTNWSPCVK	AGAP009595-PA	M3(Oxidation), C9(Carbamidomethyl)	62	9.15E-06	1	1334.628	3.38	Larva	3R:+:36764545-36764577	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_110092	YQLDSSLIGSNPGLGFRPTPPEYQNVESSLIWYK	AGAP009595-PA	-	90	8.34E-09	1	3855.935	3.19	Pupa	3R:+:36764127-36764163,36764261-36764325	exon=> In CDS Exon 2 and 3 of transcript AGAP009595-PA
JHU_Ag_111195	LIDEFLEPYTVEEDNRVDCSFDNPPPEGK	AGAP009595-PA	C19(Carbamidomethyl)	99	1.14E-09	1	3424.565	3.68	Malpighian tubule	3R:+:36764362-36764383,36764471-36764535	exon=> In CDS Exon 3 and 4 of transcript AGAP009595-PA
JHU_Ag_111543	RGSVHFELMID	AGAP009595-PA	M9(Oxidation)	51	0.000143697	1	1319.643	1.27	Head	3R:+:36771044-36771076	exon=> In CDS Exon 7 of transcript AGAP009595-PA
JHU_Ag_112295	VPMTNWSPCVK	AGAP009595-PA	M3(Oxidation), C9(Carbamidomethyl)	75	3.89E-07	1	1334.621	-1.83	Midgut	3R:+:36764545-36764577	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_112452	NVDGYLPPVVAVYFEKPK	AGAP009595-PA	-	74	2.99E-07	1	2035.087	-1.66	Midgut	3R:+:36765024-36765077	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_116600	ENQYNFK	AGAP009595-PA	-	40	0.000621429	1	942.429	-2.34	Head	3R:+:36764578-36764598	exon=> In CDS Exon 4 of transcript AGAP009595-PA
JHU_Ag_117079	LGKWEGFR	AGAP009595-PA	-	54	4.63E-05	1	992.532	0.63	Male reproductive organs	3R:+:36755436-36755459	exon=> In CDS Exon 1 of transcript AGAP009595-PA
JHU_Ag_117660	GFPGYFFPYK	AGAP009595-PA	-	37	0.002556079	1	1222.596	2.05	Midgut	3R:+:36764994-36765023	exon=> In CDS Exon 6 of transcript AGAP009595-PA
JHU_Ag_6504	LVTTVSTPVFDR	AGAP009598-PA	-	33	0.003447392	2	1334.732	0.45	Head	3R:-:36885435-36885400	exon=> In CDS Exon 5 of transcript AGAP009598-PA
JHU_Ag_8908	IFTYLIGTDK	AGAP009598-PA	-	42	0.000447031	2	1170.641	0.22	Head	3R:-:36885888-36885859	exon=> In CDS Exon 4 of transcript AGAP009598-PA
JHU_Ag_17649	AANLLGVVGTDVPIEEIQK	AGAP009598-PA	-	111	4.41E-11	1	1966.089	1.73	Head	3R:-:36885381-36885325	exon=> In CDS Exon 5 of transcript AGAP009598-PA
JHU_Ag_18435	TLVQSLVR	AGAP009598-PA	-	50	7.16E-05	1	915.563	1.01	Head	3R:-:36884188-36884165	exon=> In CDS Exon 9 of transcript AGAP009598-PA
JHU_Ag_21081	VLYHPDLRPLSDNDQYSATLK	AGAP009598-PA	N13(Deamidated),Q15(Deamidated)	88	2.15E-08	1	2445.244	1.35	Head	3R:-:36885261-36885199	exon=> In CDS Exon 5 of transcript AGAP009598-PA
JHU_Ag_21198	YNSVDLTEVELPEVDNPSNTINER	AGAP009598-PA	-	81	1.09E-07	1	2747.308	2.52	Head	3R:-:36885192-36885121	exon=> In CDS Exon 5 of transcript AGAP009598-PA
JHU_Ag_36512	DAIVTDGLDR	AGAP009598-PA	-	58	2.94E-05	1	1074.543	0.01	Head	3R:-:36884164-36884135	exon=> In CDS Exon 9 of transcript AGAP009598-PA
JHU_Ag_40463	QLDIDPQEVVGGAGACGVR	AGAP009598-PA	C16(Carbamidomethyl)	68	2.29E-06	1	1940.951	0.66	Head	3R:-:36880639-36880756,36880342-36880510	exon=> In CDS Exon 15 and 14 of transcript AGAP009598-PA
JHU_Ag_48437	LGVNGYAFIVDNNGR	AGAP009598-PA	-	88	2.45E-08	1	1608.814	0.89	Head	3R:-:36885306-36885262	exon=> In CDS Exon 5 of transcript AGAP009598-PA
JHU_Ag_48748	LTNCHSSGCERPFSVQK	AGAP009598-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	71	9.52E-07	1	2006.920	1.29	Head	3R:-:36880750-36880700	exon=> In CDS Exon 14 of transcript AGAP009598-PA
JHU_Ag_55541	SEDWFIQAASSPK	AGAP009598-PA	-	88	2.00E-08	2	1465.695	-0.83	Head	3R:-:36886593-36886555	exon=> In CDS Exon 1 of transcript AGAP009598-PA
JHU_Ag_62224	RVPLMDYQGICSDR	AGAP009598-PA	C11(Carbamidomethyl),"M5(Oxidation), C11(Carbamidomethyl)"	38	0.002110376	2	1725.803	-0.95	Head	3R:-:36881270-36881229	exon=> In CDS Exon 13 of transcript AGAP009598-PA

JHU_Ag_63029	VHPDWVYCEYNSLK	AGAP009598-PA	C8(Carbamidomethyl)	54	4.32E-05	1	1809.821	-3.14	Head	3R:-:36884611-36884570	exon=> In CDS Exon 8 of transcript AGAP009598-PA
JHU_Ag_63898	AVDLYATEPEGFVFSVPFNSGYSGK	AGAP009598-PA	-	46	0.000408213	2	2681.292	5.4	Head	3R:-:36881800-36881852,36881515-36881650	exon=> In CDS Exon 12 and 11 of transcript AGAP009598-PA
JHU_Ag_80104	YANTLQELR	AGAP009598-PA	-	44	0.000579833	2	1107.579	-0.05	Head	3R:-:36885108-36885611,36884923-36885015	exon=> In CDS Exon 6 and 5 of transcript AGAP009598-PA
JHU_Ag_98927	GFFVQINSPEEAK	AGAP009598-PA	-	96	3.84E-09	1	1465.738	3.74	Head	3R:-:36885816-36886008,36885088-36885574	exon=> In CDS Exon 5 and 4 of transcript AGAP009598-PA
JHU_Ag_101231	APAAVVGLQFLHESLFK	AGAP009598-PA	-	53	2.86E-05	1	1827.019	1.52	Visceras	3R:-:36881589-36881539	exon=> In CDS Exon 12 of transcript AGAP009598-PA
JHU_Ag_102313	APAAVVGLQFLHESLFK	AGAP009598-PA	-	67	8.83E-07	1	1827.025	4.53	Head	3R:-:36881589-36881539	exon=> In CDS Exon 12 of transcript AGAP009598-PA
JHU_Ag_104779	DSALSWQYFGSSTGFLR	AGAP009598-PA	-	70	1.35E-06	2	1921.912	2.11	Head	3R:-:36886710-36886660	exon=> In CDS Exon 1 of transcript AGAP009598-PA
JHU_Ag_107232	DADGNGEGTEESTYR	AGAP009598-PA	N5(Deamidated)	136	2.77E-14	1	1601.621	0.96	Head	3R:-:36884569-36884525	exon=> In CDS Exon 8 of transcript AGAP009598-PA
JHU_Ag_3817	TIGNTDLENKFSEAIR	AGAP009600-PA	-	60	1.29E-05	2	1807.934	8.48	Malpighian tubule	3R:-:36940378-36940331	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_4016	ALFATETFAMGLNMPAR	AGAP009600-PA	M10(Oxidation), M14(Oxidation)	69	2.20E-06	2	1872.898	-0.14	Ovary	3R:-:36941977-36941927	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_5742	EYITRPVYLVPFLQPGR	AGAP009600-PA	-	46	0.000138029	1	2048.132	-0.34	Ovary	3R:-:36941485-36941435	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_7187	RLEELLR	AGAP009600-PA	-	35	0.003429671	1	928.560	2.55	Ovary	3R:-:36940420-36940400	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_9186	EYAFVLDPFQK	AGAP009600-PA	-	59	1.31E-05	2	1356.684	0.21	Ovary	3R:-:36943018-36942986	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_18213	LGYCTAADVIEFK	AGAP009600-PA	C4(Carbamidomethyl)	60	1.47E-05	2	1486.726	0.79	Ovary	3R:-:36940834-36940796	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_26883	ASNAGETNIFKIVK	AGAP009600-PA	-	64	3.36E-06	2	1491.821	3.23	Malpighian tubule	3R:-:36942313-36942272	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_28418	AKVESILDDINLDNIESR	AGAP009600-PA	-	57	2.61E-05	1	2044.066	5.18	Ovary	3R:-:36943245-36943324,36940286-36943127	exon=> In CDS Exon 3 and 2 of transcript AGAP009600-PA
JHU_Ag_42165	GQFKEDNFNTAMNVLQTAGEAAK	AGAP009600-PA	M12(Oxidation)	106	3.80E-10	1	2500.180	0.85	Ovary	3R:-:36942415-36942347	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_42440	VESILDDINLDNIESR	AGAP009600-PA	-	80	1.53E-07	2	1844.938	7.64	Malpighian tubule	3R:-:36943239-36943324,36940286-36943127	exon=> In CDS Exon 3 and 2 of transcript AGAP009600-PA
JHU_Ag_54073	SFFQFQNQSSIPEIYKR	AGAP009600-PA	-	57	3.29E-05	1	2119.069	3.77	Malpighian tubule	3R:-:36941647-36941597	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_71772	ADPINSAFHLTYNMVLNLLR	AGAP009600-PA	M14(Oxidation)	74	3.53E-07	1	2318.209	5.32	Ovary	3R:-:36941743-36941684	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_75150	SFAPVIIFSFSK	AGAP009600-PA	-	81	8.93E-08	2	1342.741	0.21	Ovary	3R:-:36942256-36942221	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_75587	VHTIQSPEACTHEVAVYPDQK	AGAP009600-PA	C10(Carbamidomethyl)	87	3.01E-08	1	2409.171	8.62	Ovary	3R:-:36943120-36943058	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_93197	QLPQVENVLPLLR	AGAP009600-PA	-	44	4.84E-05	2	1518.903	1.45	Ovary	3R:-:36942100-36942062	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_97080	VESILDDINLDNIESR	AGAP009600-PA	-	94	6.96E-09	2	1844.927	1.68	Ovary	3R:-:36943239-36943324,36940286-36943127	exon=> In CDS Exon 3 and 2 of transcript AGAP009600-PA
JHU_Ag_98295	GIGIHHGGLLPILK	AGAP009600-PA	-	50	7.84E-06	1	1424.873	-0.37	Ovary	3R:-:36942058-36942017	exon=> In CDS Exon 3 of transcript AGAP009600-PA

JHU_Ag_104434	ASNAGETNIFK	AGAP009600-PA	-	38	0.002083857	2	1151.569	-0.46	Ovary	3R:-:36942313-36942281	exon=> In CDS Exon 3 of transcript AGAP009600-PA
JHU_Ag_737	FINNTEALK	AGAP009601-PA	N4(Deamidated)	53	7.72E-05	2	1050.547	0.03	Ovary	3R:-:36952328-36952302	exon=> In CDS Exon 1 of transcript AGAP009601-PA
JHU_Ag_72975	INNLR	AGAP009601-PA	-	33	0.005361953	1	629.377	6.83	Larva	3R:-:36947024-36947010	exon=> In CDS Exon 6 of transcript AGAP009601-PA
JHU_Ag_98469	FINNTEALK	AGAP009601-PA	N4(Deamidated)	41	0.001324722	1	1050.548	1.31	Malpighian tubule	3R:-:36952328-36952302	exon=> In CDS Exon 1 of transcript AGAP009601-PA
JHU_Ag_109840	FINNTEALK	AGAP009601-PA	N4(Deamidated)	35	0.004108434	1	1050.550	2.93	Male reproductive organs	3R:-:36952328-36952302	exon=> In CDS Exon 1 of transcript AGAP009601-PA
JHU_Ag_735	EAVVPGDAGYPNFPK	AGAP009602-PA	-	88	2.48E-08	1	1560.771	0.92	Head	3R:+:36954492-36954536	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_9534	APLNMVQNVLTPVIGLEWAHAVR	AGAP009602-PA	M5(Oxidation)	139	4.06E-14	1	2544.394	7.29	Malpighian tubule	3R:+:36954080-36954121,36954217-36954243	exon=> In CDS Exon 1 and 2 of transcript AGAP009602-PA
JHU_Ag_12651	APLNMVQNVLTPVIGLEWAHAVR	AGAP009602-PA	-	89	3.43E-09	3	2528.392	4.62	Pupa	3R:+:36954080-36954121,36954217-36954243	exon=> In CDS Exon 1 and 2 of transcript AGAP009602-PA
JHU_Ag_14163	APLNMVQNVLTPVIGLEWAHAVR	AGAP009602-PA	M5(Oxidation)	213	2.06E-21	1	2528.376	-1.9	Midgut	3R:+:36954080-36954121,36954217-36954243	exon=> In CDS Exon 1 and 2 of transcript AGAP009602-PA
JHU_Ag_15767	DTPADYAAR	AGAP009602-PA	-	45	0.000290513	1	979.447	-0.62	Midgut	3R:+:36954540-36954566	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_16767	EAVVPGDAGYPNFPKR	AGAP009602-PA	-	58	2.83E-05	1	1716.872	1.1	Visceras	3R:+:36954492-36954539	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_19367	LLGMSPEER	AGAP009602-PA	-	53	7.81E-05	1	1031.519	0.14	Malpighian tubule	3R:+:36953945-36953971	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_25024	DQHLSPNEPK	AGAP009602-PA	-	40	0.0016025	1	1164.566	1.22	Visceras	3R:+:36953996-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_26205	EAVVPGDAGYPNFPK	AGAP009602-PA	-	89	2.20E-08	1	1560.769	-0.49	Ovary	3R:+:36954492-36954536	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_37682	AQWLKDQHLSPNEPK	AGAP009602-PA	-	94	7.21E-09	1	1790.910	-4.9	Midgut	3R:+:36953981-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_39595	DQHLSPNEPK	AGAP009602-PA	-	51	0.000144636	1	1164.573	7.36	Midgut	3R:+:36953996-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_40644	EAVVPGDAGYPNFPK	AGAP009602-PA	-	84	6.05E-08	1	1560.770	0.37	Pupa	3R:+:36954492-36954536	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_40997	APLNMVQNVLTPVIGLEWAHAVR	AGAP009602-PA	M5(Oxidation)	194	1.79E-19	1	2544.382	2.61	Head	3R:+:36954080-36954121,36954217-36954243	exon=> In CDS Exon 1 and 2 of transcript AGAP009602-PA
JHU_Ag_44568	LLGMSPEER	AGAP009602-PA	M4(Oxidation)	57	3.18E-05	1	1031.517	-2.35	Midgut	3R:+:36953945-36953971	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_48521	APLNMVQNVLTPVIGLEWAHAVR	AGAP009602-PA	M5(Oxidation)	197	5.82E-20	1	2544.399	9.3	Visceras	3R:+:36954080-36954121,36954217-36954243	exon=> In CDS Exon 1 and 2 of transcript AGAP009602-PA
JHU_Ag_53871	LLGMSPEER	AGAP009602-PA	M4(Oxidation)	48	0.000216136	1	1031.520	1.08	Visceras	3R:+:36953945-36953971	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_59389	RDTPADYAAR	AGAP009602-PA	-	38	0.002636191	2	1135.549	0.33	Visceras	3R:+:36954537-36954566	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_59992	EAVVPGDAGYPNFPKR	AGAP009602-PA	-	87	3.70E-08	1	1716.870	-0.4	Head	3R:+:36954492-36954539	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_60508	DTPADYAAR	AGAP009602-PA	-	37	0.002208967	1	979.447	-1.43	Head	3R:+:36954540-36954566	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_63049	AQWLKDQHLSPNEPK	AGAP009602-PA	-	82	9.78E-08	1	1790.916	-1.12	Pupa	3R:+:36953981-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA

JHU_Ag_64647	APLNMVQNVLTPVIGLEWAHAVR	AGAP009602-PA	M5(Oxidation)	189	4.68E-19	1	2544.392	6.35	Larva	3R:+:36954080-36954121,36954217-36954243	exon=> In CDS Exon 1 and 2 of transcript AGAP009602-PA
JHU_Ag_75243	AQWLKDQHLSPNEPK	AGAP009602-PA	-	88	2.85E-08	1	1790.918	-0.33	Head	3R:+:36953981-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_78098	DQHLSPNEPK	AGAP009602-PA	Q2(Deamidated)	43	0.000826669	1	1164.565	0.8	Head	3R:+:36953996-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_78486	EAVVPGDAGYPNFPKR	AGAP009602-PA	-	55	4.87E-05	2	1716.869	-0.97	Midgut	3R:+:36954492-36954539	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_84632	YNQNDWTR	AGAP009602-PA	-	56	2.07E-05	2	1096.482	0.97	Malpighian tubule	3R:+:36954307-36954318,36954450-36954461	exon=> In CDS Exon 2 and 3 of transcript AGAP009602-PA
JHU_Ag_87872	LLGMSPEER	AGAP009602-PA	-	39	0.001726201	2	1031.518	-1.28	Head	3R:+:36953945-36953971	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_89651	DTPADYAAR	AGAP009602-PA	-	58	1.69E-05	2	979.449	1.43	Visceras	3R:+:36954540-36954566	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_93005	EAVVPGDAGYPNFPKR	AGAP009602-PA	-	70	1.66E-06	1	1716.879	4.86	Malpighian tubule	3R:+:36954492-36954539	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_94289	AQWLKDQHLSPNEPK	AGAP009602-PA	-	97	3.04E-09	1	1790.924	3.15	Malpighian tubule	3R:+:36953981-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_94477	DTPADYAAR	AGAP009602-PA	-	57	2.19E-05	2	979.449	0.8	Malpighian tubule	3R:+:36954540-36954566	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_97387	YNQNDWTR	AGAP009602-PA	-	49	8.10E-05	2	1096.478	-2.15	Midgut	3R:+:36954307-36954318,36954450-36954461	exon=> In CDS Exon 2 and 3 of transcript AGAP009602-PA
JHU_Ag_101229	RDTPADYAAR	AGAP009602-PA	-	45	0.000490542	2	1135.543	-5.47	Head	3R:+:36954537-36954566	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_104280	EAVVPGDAGYPNFPK	AGAP009602-PA	-	98	2.97E-09	1	1560.771	0.92	Visceras	3R:+:36954492-36954536	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_107099	EAVVPGDAGYPNFPK	AGAP009602-PA	-	90	1.61E-08	1	1560.773	2.49	Malpighian tubule	3R:+:36954492-36954536	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_107120	YNQNDWTR	AGAP009602-PA	-	47	0.000171515	2	1096.482	1.53	Visceras	3R:+:36954307-36954318,36954450-36954461	exon=> In CDS Exon 2 and 3 of transcript AGAP009602-PA
JHU_Ag_107731	AQWLKDQHLSPNEPK	AGAP009602-PA	-	89	1.91E-08	1	1790.921	1.65	Visceras	3R:+:36953981-36954025	exon=> In CDS Exon 1 of transcript AGAP009602-PA
JHU_Ag_113180	EAVVPGDAGYPNFPK	AGAP009602-PA	-	75	4.94E-07	1	1560.768	-0.64	Midgut	3R:+:36954492-36954536	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_117192	RDTPADYAAR	AGAP009602-PA	-	41	0.001177543	2	1135.549	0.33	Midgut	3R:+:36954537-36954566	exon=> In CDS Exon 3 of transcript AGAP009602-PA
JHU_Ag_321	AALVNLGDLTTYDTVK	AGAP009603-PA	-	85	3.47E-08	1	1693.899	-1.13	Midgut	3R:+:36969653-36969700	exon=> In CDS Exon 3 of transcript AGAP009603-PA
JHU_Ag_82164	AALVNLGDLTTYDTVK	AGAP009603-PA	-	45	0.000265857	2	1693.907	3.77	Visceras	3R:+:36969653-36969700	exon=> In CDS Exon 3 of transcript AGAP009603-PA
JHU_Ag_95340	GFLPVWIR	AGAP009603-PA	-	54	4.11E-05	2	987.579	1.98	Visceras	3R:+:36970007-36970030	exon=> In CDS Exon 4 of transcript AGAP009603-PA
JHU_Ag_66	VVASHGVCYIAWGGAENPK	AGAP009604-PA	C8(Carbamidomethyl)	143	8.82E-14	1	2014.983	1.43	Head	3R:+:36976482-36976538	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_3894	VTHEGTVTVGK	AGAP009604-PA	-	59	1.15E-05	2	1127.608	2.56	Malpighian tubule	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_4247	VTHEGTVTVGK	AGAP009604-PA	-	40	0.000765237	1	1127.612	5.48	Larva	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_8430	VVASHGVCYIAWGGAENPK	AGAP009604-PA	C8(Carbamidomethyl)	125	6.25E-12	1	2014.984	1.61	Male reproductive organs	3R:+:36976482-36976538	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_9911	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	117	2.47E-11	1	2201.121	5.49	Midgut	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA

JHU_Ag_12790	APNDAHIALTTNPEESDPMLEVFIGGWK	AGAP009604-PA	M19(Oxidation)	93	7.26E-09	1	3068.459	-2.8	Midgut	3R:+:36975902-36975985	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_14029	VTHEGTVTVGK	AGAP009604-PA	-	50	8.04E-05	1	1127.607	1.48	Male reproductive organs	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_25569	AQHEGGIIPGK	AGAP009604-PA	-	53	7.08E-05	2	1106.591	-4.15	Head	3R:+:36976449-36976481	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_28162	ANIELETEDKLEYR	AGAP009604-PA	N-Term(Acetyl)	109	2.24E-10	1	1764.871	3.07	Malpighian tubule	3R:+:36972675-36972684,36975828-36975859	exon=> In CDS Exon 1 and 2 of transcript AGAP009604-PA
JHU_Ag_30299	ANIELETEDKLEYR	AGAP009604-PA	N-Term(Acetyl)	105	5.76E-10	1	1764.864	-0.38	Ovary	3R:+:36972675-36972684,36975828-36975859	exon=> In CDS Exon 1 and 2 of transcript AGAP009604-PA
JHU_Ag_34355	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	132	8.71E-13	1	2201.113	2.16	Head	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_35900	VTHEGTVTVGK	AGAP009604-PA	-	57	1.87E-05	2	1127.605	-0.47	Midgut	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_40159	VTHEGTVTVGK	AGAP009604-PA	-	77	1.56E-07	1	1127.607	1.26	Head	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_41175	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	129	1.75E-12	1	2201.110	0.72	Male reproductive organs	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_50815	AQHEGGIIPGK	AGAP009604-PA	-	38	0.001914718	2	1106.595	-0.29	Visceras	3R:+:36976449-36976481	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_53312	ANIELETEDKLEYR	AGAP009604-PA	N-Term(Acetyl)	105	5.70E-10	1	1764.868	1.41	Salivary gland	3R:+:36972675-36972684,36975828-36975859	exon=> In CDS Exon 1 and 2 of transcript AGAP009604-PA
JHU_Ag_58499	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	133	6.01E-13	1	2201.114	2.38	Malpighian tubule	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_59448	ANIELETEDKLEYR	AGAP009604-PA	N-Term(Acetyl)	125	5.24E-12	1	1764.872	3.63	Male reproductive organs	3R:+:36972675-36972684,36975828-36975859	exon=> In CDS Exon 1 and 2 of transcript AGAP009604-PA
JHU_Ag_61019	ANIELETEDK	AGAP009604-PA	N-Term(Acetyl)	63	6.01E-06	1	1203.574	-0.02	Head	3R:+:36972675-36972684,36975828-36975847	exon=> In CDS Exon 1 and 2 of transcript AGAP009604-PA
JHU_Ag_65228	VVASHGVCYIAWGGAENPK	AGAP009604-PA	C8(Carbamidomethyl)	144	6.35E-14	1	2014.984	1.79	Ovary	3R:+:36976482-36976538	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_67371	AQHEGGIIPGK	AGAP009604-PA	-	35	0.004103031	1	1106.595	-0.73	Male reproductive organs	3R:+:36976449-36976481	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_67770	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	101	1.05E-09	1	2201.110	0.77	Pupa	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_73609	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	92	8.01E-09	1	2201.109	0.05	Salivary gland	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_74884	VTHEGTVTVGK	AGAP009604-PA	-	61	6.34E-06	2	1127.606	0.61	Visceras	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_79109	TKPDVAEVETPDILNAGEFRGFWIR	AGAP009604-PA	-	110	8.47E-11	1	2860.480	5.96	Malpighian tubule	3R:+:36976016-36976090	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_87020	VTHEGTVTVGK	AGAP009604-PA	-	44	0.000394812	2	1127.608	2.45	Pupa	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_90735	VVASHGVCYIAWGGAENPK	AGAP009604-PA	C8(Carbamidomethyl)	120	1.72E-11	1	2014.984	1.91	Midgut	3R:+:36976482-36976538	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_91878	VVASHGVCYIAWGGAENPK	AGAP009604-PA	C8(Carbamidomethyl)	96	4.76E-09	1	2014.989	4.03	Malpighian tubule	3R:+:36976482-36976538	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_94436	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	115	3.90E-11	1	2201.113	1.93	Ovary	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_94967	APNDAHIALTTNPEESDPMLEVFIGGWK	AGAP009604-PA	M19(Oxidation)	59	1.63E-05	1	3068.462	-1.55	Visceras	3R:+:36975902-36975985	exon=> In CDS Exon 2 of transcript AGAP009604-PA

JHU_Ag_97073	ANIELETEDKLEYR	AGAP009604-PA	N-Term(Acetyl)	97	3.32E-09	1	1764.871	3.21	Visceras	3R:+:36972675-36972684,36975828-36975859	exon=> In CDS Exon 1 and 2 of transcript AGAP009604-PA
JHU_Ag_99213	VTHEGTVTVGK	AGAP009604-PA	-	51	6.66E-05	2	1127.605	-0.36	Ovary	3R:+:36976662-36976694	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_105190	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	143	7.04E-14	1	2201.111	1.27	Visceras	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_105535	TKPDVAEVETPDILNAGEFR	AGAP009604-PA	-	38	0.002182243	3	2201.120	5.34	Larva	3R:+:36976016-36976075	exon=> In CDS Exon 2 of transcript AGAP009604-PA
JHU_Ag_106300	ANIELETEDKLEYR	AGAP009604-PA	N-Term(Acetyl)	112	1.06E-10	1	1764.865	0.17	Midgut	3R:+:36972675-36972684,36975828-36975859	exon=> In CDS Exon 1 and 2 of transcript AGAP009604-PA
JHU_Ag_110670	VVASHGVCYIAWGGAENPK	AGAP009604-PA	C8(Carbamidomethyl)	146	4.67E-14	1	2014.980	-0.21	Visceras	3R:+:36976482-36976538	exon=> In CDS Exon 3 of transcript AGAP009604-PA
JHU_Ag_28300	VIPSK	AGAP009606-PA,AGAP006398-PA	-	33	0.000635518	1	543.350	-0.23	Midgut	3R:-:36980367-36980353;2L:+:31084837-31084851	exon=> In CDS Exon 1 of transcript AGAP009606-PA;exon=> In CDS Exon 2 of transcript AGAP006398-PA
JHU_Ag_615	IRPSVVHQPFK	AGAP009609-PA	-	51	2.56E-05	1	1307.758	-0.11	Visceras	3R:-:36998161-36998129	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_5828	DFLTPTAHFEDR	AGAP009609-PA	-	95	4.79E-09	1	1448.683	1.89	Malpighian tubule	3R:-:36995692-36995657	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_6483	EGGFMPGGASLHSMMTPHGPDHR	AGAP009609-PA	M5(Oxidation), M14(Oxidation), M15(Oxidation)	28	0.005711939	1	2454.037	-0.61	Malpighian tubule	3R:-:36995238-36995170	exon=> In CDS Exon 4 of transcript AGAP009609-PA
JHU_Ag_9319	IRPSVVHQPFKR	AGAP009609-PA	-	49	2.58E-05	1	1463.859	-0.45	Malpighian tubule	3R:-:36998161-36998126	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_13771	PEYQYLSGFGSHFSSEDAR	AGAP009609-PA	N-Term(Acetyl)	49	9.76E-05	1	2218.969	0.64	Malpighian tubule	3R:-:36998769-36998772,36997876-36998291	exon=> In CDS Exon 2 and 1 of transcript AGAP009609-PA
JHU_Ag_17754	FPNALPVGQNSPQK	AGAP009609-PA	-	100	1.26E-09	1	1496.785	-0.23	Malpighian tubule	3R:-:36998290-36998249	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_19259	LYVKPNEICVIPQGIR	AGAP009609-PA	C9(Carbamidomethyl)	29	0.006628694	1	1899.057	2.51	Head	3R:-:36995854-36995807	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_20703	LPDLGPIGANGLANPR	AGAP009609-PA	-	144	3.83E-14	1	1574.867	1.1	Visceras	3R:-:36995740-36995693	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_27597	LPDLGPIGANGLANPR	AGAP009609-PA	N10(Deamidated)	132	6.40E-13	1	1574.862	-1.77	Malpighian tubule	3R:-:36995740-36995693	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_30771	PEYQYLSGFGSHFSSEDAR	AGAP009609-PA	-	44	0.000373697	3	2176.957	0.04	Head	3R:-:36998769-36998772,36997876-36998291	exon=> In CDS Exon 2 and 1 of transcript AGAP009609-PA
JHU_Ag_36165	IRPSVVHQPFK	AGAP009609-PA	-	64	1.20E-06	1	1307.759	0.31	Malpighian tubule	3R:-:36998161-36998129	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_40064	VADGTQAFMFESSLSMAVTR	AGAP009609-PA	M9(Oxidation), M16(Oxidation)	132	7.33E-13	1	2180.002	0.83	Malpighian tubule	3R:-:36995127-36995068	exon=> In CDS Exon 4 of transcript AGAP009609-PA
JHU_Ag_50199	CFEGASNADLKPER	AGAP009609-PA	C1(Carbamidomethyl)	73	6.18E-07	1	1593.734	1.03	Malpighian tubule	3R:-:36995169-36995128	exon=> In CDS Exon 4 of transcript AGAP009609-PA
JHU_Ag_52029	LYVKPNEICVIPQGIR	AGAP009609-PA	C9(Carbamidomethyl)	48	8.65E-05	1	1899.058	3.19	Ovary	3R:-:36995854-36995807	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_61156	CPHGLYAEQLSGSAFTAPR	AGAP009609-PA	C1(Carbamidomethyl)	68	2.89E-06	1	2061.981	-0.32	Malpighian tubule	3R:-:36998248-36998192	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_65644	LYVKPNEICVIPQGIR	AGAP009609-PA	C9(Carbamidomethyl)	94	2.35E-09	1	1899.055	1.65	Malpighian tubule	3R:-:36995854-36995807	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_75555	YYECWQALEK	AGAP009609-PA	C4(Carbamidomethyl)	41	0.000638275	2	1389.618	2.66	Ovary	3R:-:36995031-36995002	exon=> In CDS Exon 4 of transcript AGAP009609-PA
JHU_Ag_78283	LYVKPNEICVIPQGIR	AGAP009609-PA	C9(Carbamidomethyl)	37	0.00128952	2	1899.058	2.97	Visceras	3R:-:36995854-36995807	exon=> In CDS Exon 3 of transcript AGAP009609-PA

JHU_Ag_83692	WSVQEHTFRPPYYHR	AGAP009609-PA	-	56	4.16E-05	1	2002.968	0.34	Malpighian tubule	3R:-:36995407-36995898,36994987-36995290	exon=> In CDS Exon 4 and 3 of transcript AGAP009609-PA
JHU_Ag_91342	PEYQYLSGFGSHFSSEDARFPNALPVGQNSPQK	AGAP009609-PA	-	86	2.73E-08	1	3654.732	2.02	Malpighian tubule	3R:-:36998769-36998772,36997876-36998249	exon=> In CDS Exon 2 and 1 of transcript AGAP009609-PA
JHU_Ag_99216	RFEGVAPFLR	AGAP009609-PA	-	33	0.004970385	1	1191.665	1.61	Malpighian tubule	3R:-:36998128-36998099	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_100521	FSVALEGPSR	AGAP009609-PA	-	80	1.75E-07	1	1062.557	-0.44	Malpighian tubule	3R:-:36995806-36995777	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_102671	FQGALFVATQGHSPFDVVAWHGNYVPYK	AGAP009609-PA	-	130	1.13E-12	1	3135.560	3.92	Malpighian tubule	3R:-:36995626-36995543	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_108353	PEYQYLSGFGSHFSSEDAR	AGAP009609-PA	-	111	6.32E-11	1	2176.958	0.38	Malpighian tubule	3R:-:36998769-36998772,36997876-36998291	exon=> In CDS Exon 2 and 1 of transcript AGAP009609-PA
JHU_Ag_108848	IRPSVVHQPFK	AGAP009609-PA	-	32	0.001964075	1	1307.760	1.05	Head	3R:-:36998161-36998129	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_113857	GYILEVYDGHFR	AGAP009609-PA	-	69	1.74E-06	1	1468.724	1.25	Malpighian tubule	3R:-:36995776-36995741	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_114959	GYILEVYDGHFRLPDLGPIGANGLANPR	AGAP009609-PA	-	98	1.03E-09	1	3024.589	6.57	Malpighian tubule	3R:-:36995776-36995693	exon=> In CDS Exon 3 of transcript AGAP009609-PA
JHU_Ag_115828	FEGVAPFLR	AGAP009609-PA	-	49	9.38E-05	2	1035.565	2.53	Malpighian tubule	3R:-:36998125-36998099	exon=> In CDS Exon 2 of transcript AGAP009609-PA
JHU_Ag_676	RPKPEAEALGAK	AGAP009610-PA	-	80	4.58E-08	1	1266.719	1.96	Male reproductive organs	3R:+:37002985-37003020	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_1192	RPKPEAEALGAK	AGAP009610-PA	-	64	2.22E-06	1	1266.716	-0.53	Pupa	3R:+:37002985-37003020	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_12604	RPKPEAEALGAK	AGAP009610-PA	-	32	0.003085985	1	1266.717	0.16	Ovary	3R:+:37002985-37003020	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_12960	AISTMSAGMDYVDVEEFR	AGAP009610-PA	M5(Oxidation), M9(Oxidation)	113	3.26E-11	1	2052.889	-0.13	Male reproductive organs	3R:+:37002661-37002714	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_13128	LKGFDIGQLLYTGR	AGAP009610-PA	-	70	5.18E-07	1	1580.884	3.01	Malpighian tubule	3R:+:37002943-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_16304	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	119	4.21E-12	1	1873.066	0.47	Head	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_16547	GFDIGQLLYTGR	AGAP009610-PA	-	56	2.62E-05	2	1339.707	5.07	Salivary gland	3R:+:37002949-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_24081	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	118	4.63E-12	1	1873.067	0.77	Visceras	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_25020	LAIDQSQWTGGPQWLLGQDIK	AGAP009610-PA	-	115	3.86E-11	1	2354.215	0.26	Midgut	3R:+:37002823-37002885	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_25698	GSTVGIIGLGGIGQTIAK	AGAP009610-PA	-	102	2.24E-10	2	1641.952	-1.16	Ovary	3R:+:37002886-37002939	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_26087	GFDIGQLLYTGR	AGAP009610-PA	-	89	1.46E-08	2	1339.706	3.89	Pupa	3R:+:37002949-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_27179	KFPLGYTPIVLNDAVADSAIGLMIAAGR	AGAP009610-PA	-	60	4.11E-06	3	2873.559	-0.16	Midgut	3R:+:37002721-37002804	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_32583	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	118	4.16E-12	1	1873.072	3.21	Midgut	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_35099	NNMAEIAALNVLAGIAGTPMFSPYPY	AGAP009610-PA	M3(Oxidation), M20(Oxidation)	79	1.86E-07	1	2757.325	-0.37	Ovary	3R:+:37003422-37003499	exon=> In CDS Exon 3 of transcript AGAP009610-PA

JHU_Ag_37745	AISTMSAGMDYVDVEEFR	AGAP009610-PA	M5(Oxidation),"M5(Oxidation), M9(Oxidation)"	141	7.71E-14	1	2036.890	-1.79	Midgut	3R:+:37002661-37002714	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_39094	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	110	3.26E-11	1	1873.067	0.87	Pupa	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_45080	LKADVIFPK	AGAP009610-PA	-	61	2.94E-06	1	1030.629	-0.15	Male reproductive organs	3R:+:37002426-37002430,37002519-37002540	exon=> In CDS Exon 1 and 2 of transcript AGAP009610-PA
JHU_Ag_49528	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	122	1.85E-12	1	1873.066	0.47	Male reproductive organs	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_51158	GFDIGQLLYTGR	AGAP009610-PA	-	77	2.09E-07	2	1339.700	-0.58	Head	3R:+:37002949-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_55959	LVPQDELLQESDYVFITVPLTNETR	AGAP009610-PA	-	64	4.05E-06	1	2919.497	-0.55	Midgut	3R:+:37003021-37003095	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_58254	GFDIGQLLYTGR	AGAP009610-PA	-	80	8.59E-08	1	1339.700	-0.4	Ovary	3R:+:37002949-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_58788	GSTVGIIGLGGIGQTIAK	AGAP009610-PA	-	70	2.53E-07	2	1641.959	3.6	Salivary gland	3R:+:37002886-37002939	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_62293	EEVLELAGQVDGIMWVGHMPLNGEVLDR	AGAP009610-PA	M14(Oxidation), M19(Oxidation)	100	1.18E-09	1	3138.525	0.47	Midgut	3R:+:37002559-37002642	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_69121	HMINESTLAK	AGAP009610-PA	-	34	0.003523746	2	1143.582	-0.78	Midgut	3R:+:37003096-37003125	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_71163	GSTVGIIGLGGIGQTIAK	AGAP009610-PA	-	152	1.85E-15	1	1641.953	-0.34	Midgut	3R:+:37002886-37002939	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_73459	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	110	3.34E-11	1	1873.070	2.43	Malpighian tubule	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_76274	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	123	1.54E-12	1	1873.066	0.47	Ovary	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_85966	HMINESTLAK	AGAP009610-PA	M2(Oxidation)	43	0.000631179	1	1159.578	0.15	Ovary	3R:+:37003096-37003125	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_86213	MKPTAVLVNVAR	AGAP009610-PA	M1(Oxidation)	85	2.63E-08	1	1314.755	-0.95	Midgut	3R:+:37003126-37003161	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_87183	GFDIGQLLYTGR	AGAP009610-PA	-	92	6.53E-09	2	1339.701	0.24	Male reproductive organs	3R:+:37002949-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_88944	LAIDQSQWTGGPQWLLGQDIK	AGAP009610-PA	-	91	8.72E-09	2	2354.221	2.85	Pupa	3R:+:37002823-37002885	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_89474	LAIDQSQWTGGPQWLLGQDIK	AGAP009610-PA	-	92	6.03E-09	2	2354.221	2.75	Visceras	3R:+:37002823-37002885	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_89805	GFDIGQLLYTGR	AGAP009610-PA	-	98	1.59E-09	2	1339.700	-0.03	Midgut	3R:+:37002949-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_93109	GSTVGIIGLGGIGQTIAK	AGAP009610-PA	-	118	4.70E-12	1	1641.955	0.7	Pupa	3R:+:37002886-37002939	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_93330	LPNAVVIPHLGSATVQTR	AGAP009610-PA	-	83	1.16E-08	1	1873.073	3.99	Salivary gland	3R:+:37003279-37003291,37003381-37003421	exon=> In CDS Exon 2 and 3 of transcript AGAP009610-PA
JHU_Ag_96047	AISTMSAGMDYVDVEEFRK	AGAP009610-PA	M9(Oxidation)	38	0.002135943	1	2164.983	-2.62	Midgut	3R:+:37002661-37002717	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_101219	RPKPEAEALGAK	AGAP009610-PA	-	58	9.19E-06	1	1266.713	-3.13	Head	3R:+:37002985-37003020	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_104859	MKPTAVLVNVAR	AGAP009610-PA	M1(Oxidation)	58	1.40E-05	1	1314.755	-1.13	Ovary	3R:+:37003126-37003161	exon=> In CDS Exon 2 of transcript AGAP009610-PA

JHU_Ag_105531	LKGFDIGQLLYTGR	AGAP009610-PA	-	39	0.000751 2	3	1580.879	-0.05	Pupa	3R:+:37002943-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_107045	RPKPEAEALGAK	AGAP009610-PA	-	72	3.28E-07	2	1266.715	-1.3	Midgut	3R:+:37002985-37003020	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_112499	LKGFDIGQLLYTGR	AGAP009610-PA	-	100	6.41E-10	1	1580.881	0.61	Midgut	3R:+:37002943-37002984	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_113058	GSTVGIIGLGGIGQTIAK	AGAP009610-PA	-	118	4.99E-12	1	1641.954	0.25	Male reproductive organs	3R:+:37002886-37002939	exon=> In CDS Exon 2 of transcript AGAP009610-PA
JHU_Ag_28299	YIDLLK	AGAP009612-PA	-	36	0.000675 842	1	764.456	0.76	Midgut	3R:+:37005907-37005924	exon=> In CDS Exon 1 of transcript AGAP009612-PA
JHU_Ag_46167	KPEADLVGASYVDLATLLR	AGAP009612-PA	-	80	5.40E-08	1	2031.116	2	Ovary	3R:+:37006467-37006523	exon=> In CDS Exon 2 of transcript AGAP009612-PA
JHU_Ag_48106	LAVTCADIPVR	AGAP009612-PA	C5(Carbamidomethyl)	59	1.58E-05	2	1214.655	-1.05	Midgut	3R:+:37005874-37005906	exon=> In CDS Exon 1 of transcript AGAP009612-PA
JHU_Ag_57576	ESDFVFIACPLTGETAR	AGAP009612-PA	C9(Carbamidomethyl)	52	8.87E-05	2	1912.907	-2.09	Midgut	3R:+:37006524-37006574	exon=> In CDS Exon 2 of transcript AGAP009612-PA
JHU_Ag_82729	GGIVDQPALVEALR	AGAP009612-PA	-	73	2.47E-07	1	1437.810	2.79	Midgut	3R:+:37006638-37006679	exon=> In CDS Exon 2 of transcript AGAP009612-PA
JHU_Ag_113135	LAVTCADIPVR	AGAP009612-PA	C5(Carbamidomethyl)	41	0.001005 945	2	1214.656	-0.15	Malpighian tubule	3R:+:37005874-37005906	exon=> In CDS Exon 1 of transcript AGAP009612-PA
JHU_Ag_43638	WLLEAIR	AGAP009613-PA	-	42	0.000738 424	1	900.532	1.88	Visceras	3R:-:37007187-37007167	exon=> In CDS Exon 2 of transcript AGAP009613-PA
JHU_Ag_29943	IYSVDDLVSR	AGAP009614-PA	-	41	0.001052 616	1	1166.603	-1.88	Midgut	3R:-:37008809-37008780	exon=> In CDS Exon 2 of transcript AGAP009614-PA
JHU_Ag_70887	LVHQYGEIYDVHAFNK	AGAP009614-PA	-	108	2.92E-10	1	1932.964	1.8	Midgut	3R:-:37008707-37008660	exon=> In CDS Exon 2 of transcript AGAP009614-PA
JHU_Ag_6862	AAEEGGLAITHLFYSEPHGR	AGAP009615-PA	-	85	5.11E-08	1	2155.054	-1.15	Ovary	3R:+:37010658-37010717	exon=> In CDS Exon 2 of transcript AGAP009615-PA
JHU_Ag_60450	KDTLLQEQELSNLLSER	AGAP009615-PA	-	46	0.000278 536	1	2016.061	0.13	Ovary	3R:+:37011729-37011779	exon=> In CDS Exon 2 of transcript AGAP009615-PA
JHU_Ag_112506	LSLNLDRPLSTLK	AGAP009615-PA	-	31	0.002229 697	1	1469.875	4.06	Malpighian tubule	3R:+:37011801-37011839	exon=> In CDS Exon 2 of transcript AGAP009615-PA
JHU_Ag_115785	LVFSPTDSVIASGGSDSTIR	AGAP009615-PA	-	68	2.46E-06	2	2009.021	1	Ovary	3R:+:37010121-37010180	exon=> In CDS Exon 1 of transcript AGAP009615-PA
JHU_Ag_46042	SPSSATLPIISTTDVDR	AGAP009616-PA	-	119	1.71E-11	1	1759.911	1.85	Salivary gland	3R:+:37041901-37041951	exon=> In CDS Exon 2 of transcript AGAP009616-PA
JHU_Ag_91619	SPSSATLPIISTTDVDR	AGAP009616-PA	-	97	2.70E-09	1	1759.911	2.27	Malpighian tubule	3R:+:37041901-37041951	exon=> In CDS Exon 2 of transcript AGAP009616-PA
JHU_Ag_46298	EAGAIIIATTSIPEINR	AGAP009617-PA	-	56	1.28E-05	1	1768.982	1.08	Salivary gland	3R:+:37046454-37046504	exon=> In CDS Exon 1 of transcript AGAP009617-PA
JHU_Ag_47853	LLVTYSAVELAR	AGAP009617-PA	-	84	1.46E-08	2	1334.768	0.17	Salivary gland	3R:+:37046103-37046138	exon=> In CDS Exon 1 of transcript AGAP009617-PA
JHU_Ag_81216	NNIIGQTNNPYDNRR	AGAP009617-PA	-	37	0.003118 169	1	1788.871	-1.27	Salivary gland	3R:+:37046619-37046663	exon=> In CDS Exon 2 of transcript AGAP009617-PA
JHU_Ag_91549	VVQHFGEIAPAGVR	AGAP009617-PA	-	52	5.37E-05	1	1479.807	0.04	Salivary gland	3R:+:37047121-37047162	exon=> In CDS Exon 3 of transcript AGAP009617-PA
JHU_Ag_115069	EVSCYDVISAFIDR	AGAP009617-PA	C4(Carbamidomethyl)	73	5.86E-07	2	1673.788	2.24	Salivary gland	3R:+:37046154-37046195	exon=> In CDS Exon 1 of transcript AGAP009617-PA
JHU_Ag_257	KIIAVDQDPLGIQGR	AGAP009621-PA	-	104	1.09E-10	1	1622.927	2.64	Pupa	3R:-:37082406-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_2356	IIAVDQDPLGIQGR	AGAP009621-PA	-	103	2.31E-10	1	1494.829	1.23	Pupa	3R:-:37082403-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_4182	IIAVDQDPLGIQGR	AGAP009621-PA	-	88	6.82E-09	1	1494.834	4.25	Larva	3R:-:37082403-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_11082	KIIAVDQDPLGIQGR	AGAP009621-PA	-	94	1.33E-09	1	1622.922	-0.59	Midgut	3R:-:37082406-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA

JHU_Ag_19825	LDGCYSLPIDMDHGYPEFGR	AGAP009621-PA	C4(Carbamidomethyl), M11(Oxidation)	86	1.45E-08	1	2358.019	0.93	Pupa	3R:-:37083005-37082946	exon=> In CDS Exon 2 of transcript AGAP009621-PA
JHU_Ag_23147	CNTDCEGDPENCISEHLFR	AGAP009621-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C12(Carbamidomethyl)	72	7.99E-08	1	2352.926	-0.6	Pupa	3R:-:37089135-37089264,37082871-37083300	exon=> In CDS Exon 2 and 1 of transcript AGAP009621-PA
JHU_Ag_31226	VEDLYEEVDYGVLSPQTK	AGAP009621-PA	-	113	7.78E-11	1	2084.005	-0.8	Midgut	3R:-:37082104-37082263,37081862-37081973	exon=> In CDS Exon 6 and 5 of transcript AGAP009621-PA
JHU_Ag_32068	ELGLISPTGYRVEDLYEEVDYGVLSPQTK	AGAP009621-PA	-	81	7.41E-08	1	3270.652	3.19	Malpighian tubule	3R:-:37082137-37082263,37081862-37081973	exon=> In CDS Exon 6 and 5 of transcript AGAP009621-PA
JHU_Ag_36163	VNPSGVVILR	AGAP009621-PA	-	45	7.23E-05	2	1053.643	1.82	Malpighian tubule	3R:-:37081960-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_37080	ALANYVHAK	AGAP009621-PA	-	55	3.09E-05	1	986.542	0.59	Malpighian tubule	3R:-:37083155-37083129	exon=> In CDS Exon 2 of transcript AGAP009621-PA
JHU_Ag_42421	IIAVDQDPLGIQGR	AGAP009621-PA	-	62	2.79E-06	2	1494.830	1.89	Ovary	3R:-:37082403-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_45596	TIRPEFK	AGAP009621-PA	-	41	0.000702771	1	890.509	-0.37	Pupa	3R:-:37082445-37082425	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_53337	ALANYVHAK	AGAP009621-PA	-	63	5.09E-06	1	986.542	-0.09	Pupa	3R:-:37083155-37083129	exon=> In CDS Exon 2 of transcript AGAP009621-PA
JHU_Ag_57535	VKVNPSGVVILR	AGAP009621-PA	-	39	8.22E-05	1	1280.809	3.36	Ovary	3R:-:37081966-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_59515	TDGTPSDVAVTLR	AGAP009621-PA	-	62	1.27E-05	2	1331.686	4.23	Larva	3R:-:37082176-37082138	exon=> In CDS Exon 5 of transcript AGAP009621-PA
JHU_Ag_59871	VKVNPSGVVILR	AGAP009621-PA	-	33	0.000376789	1	1280.803	-1.22	Midgut	3R:-:37081966-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_61234	VKVNPSGVVILR	AGAP009621-PA	-	52	4.52E-06	1	1280.806	0.59	Pupa	3R:-:37081966-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_70209	IIAVDQDPLGIQGR	AGAP009621-PA	-	83	2.29E-08	2	1494.833	3.76	Salivary gland	3R:-:37082403-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_80926	TQMALWAIMAAPLMMSVDLR	AGAP009621-PA	M3(Oxidation), M9(Oxidation), M14(Oxidation), M15(Oxidation)	64	5.92E-06	1	2313.120	3.79	Larva	3R:-:37082505-37082446	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_83769	TDGTPSDVAVTLR	AGAP009621-PA	-	79	2.68E-07	2	1331.680	-0.35	Midgut	3R:-:37082176-37082138	exon=> In CDS Exon 5 of transcript AGAP009621-PA
JHU_Ag_84142	ELGLISPTGYR	AGAP009621-PA	-	53	6.77E-05	2	1205.652	-0.81	Pupa	3R:-:37082137-37082105	exon=> In CDS Exon 5 of transcript AGAP009621-PA
JHU_Ag_85779	CNTDCEGDPENCISEHLFR	AGAP009621-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C12(Carbamidomethyl)	71	8.46E-08	1	2352.926	-0.84	Midgut	3R:-:37089135-37089264,37082871-37083300	exon=> In CDS Exon 2 and 1 of transcript AGAP009621-PA
JHU_Ag_86989	LDGCYSLPIDMDHGYPEFGR	AGAP009621-PA	C4(Carbamidomethyl), M11(Oxidation)	36	0.001659128	1	2358.014	-0.93	Midgut	3R:-:37083005-37082946	exon=> In CDS Exon 2 of transcript AGAP009621-PA
JHU_Ag_88651	VNPSGVVILR	AGAP009621-PA	-	63	1.23E-06	1	1053.641	-0.26	Pupa	3R:-:37081960-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_92410	VNPSGVVILR	AGAP009621-PA	-	37	0.000467442	2	1053.642	0.08	Salivary gland	3R:-:37081960-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_93610	VKVNPSGVVILR	AGAP009621-PA	-	37	0.000133075	1	1280.807	1.36	Malpighian tubule	3R:-:37081966-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_95212	VNPSGVVILR	AGAP009621-PA	-	39	0.000184966	2	1053.647	5.07	Larva	3R:-:37081960-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_98976	ALANYVHAK	AGAP009621-PA	-	37	0.002518755	2	986.541	-0.52	Midgut	3R:-:37083155-37083129	exon=> In CDS Exon 2 of transcript AGAP009621-PA

JHU_Ag_100446	VEDLYEEVDYGVLSPQTK	AGAP009621-PA	-	80	1.57E-07	1	2084.008	0.37	Pupa	3R:-:37082104-37082263,37081862-37081973	exon=> In CDS Exon 6 and 5 of transcript AGAP009621-PA
JHU_Ag_105464	TDGTPSDVAVTLR	AGAP009621-PA	-	72	1.18E-06	2	1331.677	-2.28	Pupa	3R:-:37082176-37082138	exon=> In CDS Exon 5 of transcript AGAP009621-PA
JHU_Ag_107873	VNPSGVVILR	AGAP009621-PA	-	57	4.18E-06	2	1053.641	-0.38	Midgut	3R:-:37081960-37081931	exon=> In CDS Exon 6 of transcript AGAP009621-PA
JHU_Ag_108897	IIAVDQDPLGIQGR	AGAP009621-PA	-	104	2.29E-10	1	1494.827	-0.32	Midgut	3R:-:37082403-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_111952	KIIAVDQDPLGIQGR	AGAP009621-PA	-	68	4.17E-07	1	1622.923	0.11	Salivary gland	3R:-:37082406-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_117483	KIIAVDQDPLGIQGR	AGAP009621-PA	-	77	5.41E-08	2	1622.929	3.84	Larva	3R:-:37082406-37082362	exon=> In CDS Exon 4 of transcript AGAP009621-PA
JHU_Ag_265	LSKPATYDQIK	AGAP009623-PA	-	83	4.60E-08	1	1263.699	3.29	Larva	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_403	IAVFQERDPK	AGAP009623-PA	-	47	0.000268931	1	1202.654	0.62	Visceras	3R:+:37154261-37154290	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_1030	AGIQLSDTFVK	AGAP009623-PA	-	78	1.76E-07	1	1178.643	1.16	Malpighian tubule	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_2203	VPTPNVSVVDLTVRLSKPATYDQIK	AGAP009623-PA	-	121	8.36E-13	1	2740.531	2.35	Visceras	3R:+:37154744-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_3331	VPTPNVSVVDLTVRLSKPATYDQIK	AGAP009623-PA	-	99	1.60E-10	1	2740.524	-0.06	Midgut	3R:+:37154744-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_3779	GEVSAQDGCLVVNGQK	AGAP009623-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), Q15(Deamidated)","C9(Carbamidomethyl), N13(Deamidated)"	132	9.84E-13	1	1660.798	1.22	Visceras	3R:+:37154213-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_4347	GAAQNIIPAATGAAK	AGAP009623-PA	-	78	1.15E-07	1	1353.749	0.37	Male reproductive organs	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_4600	LTGMAFR	AGAP009623-PA	M4(Oxidation)	34	0.004148631	1	811.413	0.15	Midgut	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_5550	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	M13(Oxidation)	171	9.06E-17	1	2574.330	2.73	Visceras	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_7634	VPTPNVSVVDLTVR	AGAP009623-PA	-	119	5.13E-12	1	1495.853	3.6	Visceras	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_7996	VIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M12(Oxidation), M26(Oxidation)	57	2.62E-05	1	2867.419	-0.54	Ovary	3R:+:37154396-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_8422	VVDLIK	AGAP009623-PA	-	28	0.003415376	1	686.444	-0.41	Midgut	3R:+:37155011-37155028	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_9474	ASAHLEGGAK	AGAP009623-PA	-	68	1.71E-06	1	940.485	0.4	Pupa	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_9519	VVSNASCTTNCLAPLAK	AGAP009623-PA	N4(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl),"C7(Carbamidomethyl), C11(Carbamidomethyl)","C7(Carbamidomethyl), N10(Deamidated), C11(Carbamidomethyl)"	117	2.99E-11	1	1805.888	-0.09	Midgut	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_9820	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	165	3.41E-16	1	3033.376	3.07	Head	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_10019	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	172	6.63E-17	1	3033.377	3.19	Visceras	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_10426	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), N15(Deamidated)"	93	7.69E-09	1	1935.961	0.6	Male reproductive organs	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_11237	AVGKVIPALNGK	AGAP009623-PA	-	59	1.57E-06	1	1166.726	-0.11	Malpighian tubule	3R:+:37154687-37154722	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_11530	GEVSAQDGCLVVNGQK	AGAP009623-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), Q15(Deamidated)","C9(Carbamidomethyl), N13(Deamidated)"	132	7.82E-13	1	1661.783	2.1	Midgut	3R:+:37154213-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_11828	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), Q17(Deamidated)","C11(Carbamidomethyl), N15(Deamidated)"	143	8.47E-14	1	1935.957	-1.13	Visceras	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_15042	YDSTHGR	AGAP009623-PA	-	50	8.62E-05	2	835.370	1.3	Visceras	3R:+:37154186-37154206	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_15095	VVSNASCTTNCLAPLAK	AGAP009623-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	81	1.35E-07	1	1805.885	-1.84	Ovary	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_15270	LSKPATYDQIK	AGAP009623-PA	Q9(Deamidated)	94	3.85E-09	1	1263.694	-0.18	Pupa	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_15356	LTGMAFR	AGAP009623-PA	M4(Oxidation)	43	0.000581249	1	811.412	-1.28	Pupa	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_15537	VVSNASCTTNCLAPLAK	AGAP009623-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	92	8.95E-09	1	1805.890	1.06	Salivary gland	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_16345	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	159	1.44E-15	1	3033.376	2.89	Pupa	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_16400	VIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M12(Oxidation), M26(Oxidation)	53	6.47E-05	1	2867.439	6.36	Larva	3R:+:37154396-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_16452	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), Q17(Deamidated)","C11(Carbamidomethyl), N15(Deamidated)"	129	2.29E-12	1	1935.958	-0.75	Midgut	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_17372	AGIQLSDTFVK	AGAP009623-PA	-	88	1.72E-08	1	1178.641	-0.29	Salivary gland	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_17761	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	168	1.78E-16	1	3033.372	1.62	Midgut	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_17835	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl), N15(Deamidated),"C11(Carbamidomethyl), Q17(Deamidated)",C11(Carbamidomethyl)	91	1.23E-08	2	1935.961	1.08	Salivary gland	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_18309	AGIQLSDTFVK	AGAP009623-PA	Q4(Deamidated)	93	4.76E-09	1	1178.643	0.85	Pupa	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_18639	GEVSAQDGCLVVNGQK	AGAP009623-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), Q15(Deamidated)","C9(Carbamidomethyl), N13(Deamidated)"	123	6.21E-12	1	1661.780	0.11	Pupa	3R:+:37154213-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_18796	IGINGFGR	AGAP009623-PA	N4(Deamidated)	55	4.86E-05	2	834.447	-0.21	Male reproductive organs	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_20362	LTGMAFR	AGAP009623-PA	M4(Oxidation)	37	0.001849303	1	811.415	1.95	Salivary gland	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_20407	AGIQLSDTFVK	AGAP009623-PA	-	93	4.62E-09	1	1178.643	1.06	Visceras	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_21682	LSKPATYDQIK	AGAP009623-PA	-	91	6.95E-09	1	1263.696	0.98	Malpighian tubule	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_21945	VVSNASCTTNCLAPLAK	AGAP009623-PA	C7(Carbamidomethyl), C11(Carbamidomethyl),"C7(Carbamidomethyl), N10(Deamidated), C11(Carbamidomethyl)"	112	1.04E-10	2	1805.893	2.21	Malpighian tubule	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_23760	IGINGFGR	AGAP009623-PA	N4(Deamidated)	59	1.37E-05	2	833.464	1.34	Ovary	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_24037	GASVVAINDPFIGVDYMVYLFK	AGAP009623-PA	M17(Oxidation)	140	1.17E-13	1	2418.249	3.26	Visceras	3R:+:37154120-37154185	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_24974	VIPALNGK	AGAP009623-PA	N6(Deamidated)	34	0.001283216	1	811.503	-0.53	Midgut	3R:+:37154699-37154722	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_25047	ASAHLEGGAK	AGAP009623-PA	-	49	0.000141393	1	940.484	-0.38	Male reproductive organs	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_26637	GEVSAQDGCLVVNGQK	AGAP009623-PA	C9(Carbamidomethyl)	98	2.71E-09	1	1660.798	1.37	Ovary	3R:+:37154213-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_29251	GAAQNIIPAATGAAK	AGAP009623-PA	-	86	1.64E-08	1	1353.751	1.63	Visceras	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_29819	LTGMAFRVPTPNVSVVDLTVR	AGAP009623-PA	M4(Oxidation)	118	8.50E-12	1	2288.247	1.66	Pupa	3R:+:37154723-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_30478	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl)	100	1.56E-09	1	1935.954	-2.58	Head	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_30604	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	M13(Oxidation)	104	4.32E-10	1	2590.322	1.52	Male reproductive organs	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_30791	VVSNASCTTNCLAPLAK	AGAP009623-PA	N4(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl),"C7(Carbamidomethyl), C11(Carbamidomethyl)","C7(Carbamidomethyl), N10(Deamidated), C11(Carbamidomethyl)"	118	2.50E-11	1	1805.897	4.58	Visceras	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_31245	ASAHLEGGAK	AGAP009623-PA	-	52	7.37E-05	1	940.484	-1.02	Malpighian tubule	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_32362	VPTPNVSVVDLTVRLSKPATYDQIK	AGAP009623-PA	-	133	8.98E-14	1	2740.519	-2.02	Head	3R:+:37154744-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_32922	VKEAANGPMK	AGAP009623-PA	N6(Deamidated),M9(Oxidation)	54	5.77E-05	1	1045.533	-1.53	Midgut	3R:+:37154825-37154854	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_33793	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	109	2.14E-10	1	1888.920	1.48	Salivary gland	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_34266	GASVVAINDPFIGVDYMVYLFK	AGAP009623-PA	M17(Oxidation)	140	1.24E-13	1	2418.236	-2.42	Midgut	3R:+:37154120-37154185	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_35321	IGINGFGR	AGAP009623-PA	N4(Deamidated)	53	5.98E-05	2	833.462	-0.64	Head	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_35971	GEVSAQDGCLVVNGQK	AGAP009623-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), N13(Deamidated)"	114	5.04E-11	1	1660.796	-0.1	Malpighian tubule	3R:+:37154213-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_37424	IGINGFGR	AGAP009623-PA	N4(Deamidated)	54	6.12E-05	2	834.449	2.5	Larva	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_38651	LTGMAFR	AGAP009623-PA	M4(Oxidation)	36	0.002623644	2	811.414	0.82	Larva	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_39095	GASVVAINDPFIGVDYMVYLFK	AGAP009623-PA	M17(Oxidation)	162	8.82E-16	1	2434.231	-2.12	Ovary	3R:+:37154120-37154185	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_39134	GAAQNIIPAATGAAK	AGAP009623-PA	Q4(Deamidated)	80	7.18E-08	1	1353.749	0.42	Midgut	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_39261	LTGMAFR	AGAP009623-PA	M4(Oxidation)	42	0.000683762	1	811.412	-0.91	Ovary	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_41640	LTGMAFRVPTPNVSVVDLTVR	AGAP009623-PA	M4(Oxidation)	133	2.35E-13	1	2288.249	2.46	Salivary gland	3R:+:37154723-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_42100	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	N5(Deamidated), M13(Oxidation),M13(Oxidation),"N3(Deamidated), M13(Oxidation)"	162	8.59E-16	1	2574.318	-1.99	Midgut	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_43233	AGIQLSDTFVK	AGAP009623-PA	-	74	3.70E-07	2	1178.641	-0.49	Head	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_43781	LISWYDNEYGYSNR	AGAP009623-PA	-	96	2.44E-09	1	1779.797	-0.09	Salivary gland	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_44389	VIPALNGK	AGAP009623-PA	-	39	0.000369232	1	811.504	0.38	Male reproductive organs	3R:+:37154699-37154722	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_45084	VVDLIK	AGAP009623-PA	-	29	0.00246853	1	686.444	-1.66	Pupa	3R:+:37155011-37155028	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_45495	ASAHLEGGAK	AGAP009623-PA	-	68	1.80E-06	1	940.482	-2.91	Head	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_45810	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	135	3.03E-13	1	3033.373	1.81	Larva	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_46355	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	81	1.37E-07	2	1888.923	2.84	Larva	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_47795	IAVFQERDPK	AGAP009623-PA	-	38	0.00225316	1	1202.652	-0.39	Pupa	3R:+:37154261-37154290	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_47895	GAAQNIIPAATGAAK	AGAP009623-PA	-	95	1.85E-09	1	1353.751	1.54	Malpighian tubule	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_48604	KVIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M13(Oxidation), M27(Oxidation)	106	3.03E-10	1	2995.510	-1.76	Ovary	3R:+:37154393-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_48794	LISWYDNEYGYSNR	AGAP009623-PA	-	102	7.13E-10	1	1779.805	4.3	Male reproductive organs	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_48945	AGAEYVVESTGVFTTTEKASAHLEGGAK	AGAP009623-PA	-	141	9.43E-14	1	2810.389	1.55	Malpighian tubule	3R:+:37154309-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_50355	VKEAANGPMK	AGAP009623-PA	N6(Deamidated), M9(Oxidation)	67	3.71E-06	1	1061.530	0.06	Salivary gland	3R:+:37154825-37154854	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_50694	VIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M12(Oxidation), M26(Oxidation),M12(Oxidation),M26(Oxidation)	122	7.86E-12	1	2835.442	3.9	Visceras	3R:+:37154396-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_50732	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl), N15(Deamidated)	67	3.29E-06	2	1936.949	2.84	Larva	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_51331	GEVSAQDGCLVVNGQK	AGAP009623-PA	C9(Carbamidomethyl), Q15(Deamidated),"C9(Carbamidomethyl), N13(Deamidated)"	82	7.44E-08	2	1661.776	-2.38	Male reproductive organs	3R:+:37154213-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_51421	VPTPNVSVVDLTVR	AGAP009623-PA	-	119	5.59E-12	1	1495.848	0	Male reproductive organs	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_52133	LTGMAFR	AGAP009623-PA	M4(Oxidation)	46	0.000220805	1	811.415	1.73	Male reproductive organs	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_52899	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	117	3.93E-11	1	1888.919	0.77	Ovary	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_53548	LTGMAFR	AGAP009623-PA	M4(Oxidation)	43	0.000425606	1	811.415	2.4	Visceras	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_54336	AGAEYVVESTGVFTTTEKASAHLEGGAK	AGAP009623-PA	-	53	6.15E-05	1	2810.397	4.41	Midgut	3R:+:37154309-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_54714	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl), N15(Deamidated),C11(Carbamidomethyl)	138	2.95E-13	1	1935.961	0.57	Malpighian tubule	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_54748	VPTPNVSVVDLTVR	AGAP009623-PA	N5(Deamidated)	119	4.76E-12	1	1495.849	0.98	Pupa	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_57155	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	140	1.05E-13	1	3033.371	1.14	Salivary gland	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_57572	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	M13(Oxidation)	138	1.76E-13	1	2574.330	2.71	Malpighian tubule	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_57668	YDSTHGR	AGAP009623-PA	-	38	0.001557696	2	835.368	-1.04	Malpighian tubule	3R:+:37154186-37154206	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_58167	VVDLIK	AGAP009623-PA	-	28	0.003702017	1	686.444	-1.3	Head	3R:+:37155011-37155028	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_59261	LISWYDNEYGYSNR	AGAP009623-PA	-	109	1.36E-10	1	1779.797	-0.43	Head	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_59275	ASAHLEGGAK	AGAP009623-PA	-	58	1.75E-05	1	940.485	-0.12	Salivary gland	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_59434	LSKPATYDQIK	AGAP009623-PA	-	91	7.20E-09	1	1263.694	-0.47	Ovary	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_60002	GAAQNIIPAATGAAKAVGK	AGAP009623-PA	-	46	7.75E-05	1	1708.972	0.75	Midgut	3R:+:37154642-37154698	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_60409	LSKPATYDQIKQK	AGAP009623-PA	Q12(Deamidated)	67	1.62E-06	1	1520.834	1.65	Pupa	3R:+:37154786-37154824	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_60648	KVIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M13(Oxidation), M27(Oxidation),M27(Oxidation)	97	2.26E-09	1	2995.519	1.06	Pupa	3R:+:37154393-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_61459	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	N5(Deamidated), M13(Oxidation),"N3(Deamidated), M13(Oxidation)",M13(Oxidation)	157	1.79E-15	1	2574.335	4.48	Head	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_61770	ASAHLEGGAK	AGAP009623-PA	-	75	3.20E-07	2	940.484	-0.64	Midgut	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_63156	IGINGFGR	AGAP009623-PA	N4(Deamidated)	61	9.02E-06	2	833.463	0.31	Pupa	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_63310	VIPALNGKLTGMAFR	AGAP009623-PA	N6(Deamidated), M12(Oxidation)	48	9.10E-05	1	1604.884	0.77	Midgut	3R:+:37154699-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_63592	VIPALNGK	AGAP009623-PA	N6(Deamidated)	44	0.000113579	1	811.504	0.6	Head	3R:+:37154699-37154722	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_63802	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl), N15(Deamidated),C11(Carbamidomethyl)	132	1.00E-12	1	1936.944	0.38	Pupa	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_64621	GAAQNIIPAATGAAK	AGAP009623-PA	-	48	0.000115 17	1	1353.753	3.62	Larva	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_64628	LISWYDNEYGYSNR	AGAP009623-PA	-	86	2.28E-08	2	1779.794	-1.6	Midgut	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_64856	IAVFQER	AGAP009623-PA	-	35	0.004259 443	2	862.476	-2.8	Head	3R:+:37154261-37154281	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_64981	VVDLIK	AGAP009623-PA	-	29	0.002529 473	1	686.445	1.01	Visceras	3R:+:37155011-37155028	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_66815	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	134	7.34E-13	2	1888.916	-0.85	Head	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_68058	LTGMAFRVPTPNVSVVDLTVR	AGAP009623-PA	-	100	3.84E-10	1	2272.259	4.54	Visceras	3R:+:37154723-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_68481	LSKPATYDQIK	AGAP009623-PA	-	72	4.91E-07	1	1263.698	2.62	Salivary gland	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_69237	GAAQNIIPAATGAAK	AGAP009623-PA	-	82	4.15E-08	1	1353.750	1.36	Ovary	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_70112	KVIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M13(Oxidation), M27(Oxidation),M27(Oxidation),M13(Oxidation)	113	3.60E-11	1	2963.536	3.36	Visceras	3R:+:37154393-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_70579	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	122	1.09E-11	2	1888.923	2.97	Malpighian tubule	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_71540	VPTPNVSVVDLTVR	AGAP009623-PA	-	130	3.69E-13	1	1495.847	-0.73	Head	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_71563	GASVVAINDPFIGVDYMVYLFK	AGAP009623-PA	M17(Oxidation)	143	5.44E-14	1	2418.248	2.8	Pupa	3R:+:37154120-37154185	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_72346	EAANGPMK	AGAP009623-PA	-	47	0.000180 367	1	817.390	3.22	Head	3R:+:37154831-37154854	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_74188	DGRGAAQNIIPAATGAAK	AGAP009623-PA	-	77	1.81E-07	1	1681.902	2.18	Malpighian tubule	3R:+:37154633-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_74734	KVIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M13(Oxidation), M27(Oxidation)	43	0.000508 381	1	2995.524	2.71	Salivary gland	3R:+:37154393-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_75765	LSKPATYDQIKQK	AGAP009623-PA	-	50	6.18E-05	1	1519.847	-0.69	Malpighian tubule	3R:+:37154786-37154824	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_79681	LSKPATYDQIK	AGAP009623-PA	-	85	2.84E-08	1	1263.694	0.01	Midgut	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_80064	LTGMAFRVPTPNVSVVDLTVR	AGAP009623-PA	M4(Oxidation)	151	2.99E-15	1	2272.258	4.14	Malpighian tubule	3R:+:37154723-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_80642	VVSNASCTTNCLAPLAK	AGAP009623-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	86	4.01E-08	1	1805.894	3.16	Larva	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_80858	KVIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M13(Oxidation), M27(Oxidation),M27(Oxidation),M13(Oxidation)	98	1.84E-09	1	2995.514	-0.72	Midgut	3R:+:37154393-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_81268	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	134	6.64E-13	2	1888.923	3.03	Midgut	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_82590	LISWYDNEYGYSNR	AGAP009623-PA	-	101	8.06E-10	1	1779.807	5.19	Larva	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_82933	GAAQNIIPAATGAAK	AGAP009623-PA	-	70	6.30E-07	1	1353.748	-0.17	Salivary gland	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_83081	ASAHLEGGAK	AGAP009623-PA	-	62	6.91E-06	1	940.483	-1.55	Ovary	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_83500	IGINGFGR	AGAP009623-PA	N4(Deamidated)	62	6.36E-06	2	833.466	3.68	Midgut	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_83534	LISWYDNEYGYSNR	AGAP009623-PA	-	95	3.56E-09	1	1779.803	3	Visceras	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_84296	ASAHLEGGAK	AGAP009623-PA	-	61	8.70E-06	2	940.488	3.9	Larva	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_84533	IAVFQER	AGAP009623-PA	-	31	0.011867589	1	862.478	-0.39	Midgut	3R:+:37154261-37154281	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_84758	YMQTKD	AGAP009623-PA	M2(Oxidation)	33	0.001315144	1	801.344	-0.72	Midgut	3R:+:37155029-37155046	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_84912	IAVFQER	AGAP009623-PA	-	36	0.003824496	2	862.480	2.01	Visceras	3R:+:37154261-37154281	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_85101	LISWYDNEYGYSNR	AGAP009623-PA	-	74	3.80E-07	2	1779.800	1.28	Ovary	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_85825	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	163	5.15E-16	1	3033.367	0.12	Ovary	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_86680	VVSNASCTTNCLAPLAK	AGAP009623-PA	N4(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl),"C7(Carbamidomethyl), C11(Carbamidomethyl)","C7(Carbamidomethyl), N10(Deamidated), C11(Carbamidomethyl)"	132	1.11E-12	1	1805.888	-0.22	Pupa	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_86710	LISWYDNEYGYSNR	AGAP009623-PA	N7(Deamidated)	109	1.51E-10	1	1779.802	2.38	Pupa	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_86980	IAVFQER	AGAP009623-PA	-	37	0.002987565	2	862.477	-1.46	Pupa	3R:+:37154261-37154281	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_87130	VVSNASCTTNCLAPLAK	AGAP009623-PA	N4(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl),"C7(Carbamidomethyl), C11(Carbamidomethyl)","C7(Carbamidomethyl), N10(Deamidated), C11(Carbamidomethyl)"	117	3.34E-11	1	1805.890	1.06	Male reproductive organs	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_87457	FKGEVSAQDGCLVVNGQK	AGAP009623-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), Q17(Deamidated)","C11(Carbamidomethyl), N15(Deamidated)"	105	5.88E-10	1	1935.963	1.73	Ovary	3R:+:37154207-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_88737	LISWYDNEYGYSNR	AGAP009623-PA	-	92	6.80E-09	2	1779.800	1.56	Malpighian tubule	3R:+:37154969-37155010	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_89382	GAAQNIIPAATGAAK	AGAP009623-PA	Q4(Deamidated),N5(Deamidated)	94	2.52E-09	2	1353.749	0.01	Head	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_89612	AGIQLSDTFVK	AGAP009623-PA	-	83	5.39E-08	1	1178.640	-1.12	Ovary	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_90150	ASAHLEGGAK	AGAP009623-PA	-	71	9.79E-07	2	940.486	1.76	Visceras	3R:+:37154363-37154392	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_90878	AIPWGK	AGAP009623-PA	-	31	0.004605049	1	671.387	-0.35	Pupa	3R:+:37154291-37154308	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_91686	ASAHLEGGAKK	AGAP009623-PA	-	75	2.62E-07	1	1068.582	2.01	Visceras	3R:+:37154363-37154395	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_91801	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	134	7.19E-13	1	1888.917	-0.14	Pupa	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_92463	VVDLIK	AGAP009623-PA	-	28	0.003685008	1	686.445	0.3	Larva	3R:+:37155011-37155028	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_92524	GASVVAINDPFIGVDYMVYLFKYDSTHGR	AGAP009623-PA	M17(Oxidation)	85	3.14E-08	1	3234.607	4.44	Malpighian tubule	3R:+:37154120-37154206	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_92575	YDSTHGR	AGAP009623-PA	-	44	0.000320245	2	835.369	-0.09	Ovary	3R:+:37154186-37154206	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_93051	AGIQLSDTFVK	AGAP009623-PA	-	89	1.17E-08	1	1178.642	0.33	Male reproductive organs	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_93190	VPTPNVSVVDLTVR	AGAP009623-PA	-	110	3.57E-11	1	1495.851	1.88	Malpighian tubule	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_94723	LSKPATYDQIK	AGAP009623-PA	-	53	4.72E-05	1	1263.693	-0.96	Head	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_95182	LSKPATYDQIK	AGAP009623-PA	-	84	3.62E-08	1	1263.694	-0.38	Male reproductive organs	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_95638	ASAHLEGGAKK	AGAP009623-PA	-	75	2.68E-07	1	1068.579	-0.28	Salivary gland	3R:+:37154363-37154395	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_96107	VPTPNVSVVDLTVR	AGAP009623-PA	-	119	5.67E-12	1	1495.846	-1.63	Midgut	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_96419	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	123	9.47E-12	2	1888.928	5.68	Male reproductive organs	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_96694	LSKPATYDQIK	AGAP009623-PA	-	91	7.34E-09	1	1263.695	0.69	Visceras	3R:+:37154786-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_97167	YDSTHGR	AGAP009623-PA	-	47	0.000137681	2	835.366	-4.25	Head	3R:+:37154186-37154206	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_97170	GILDYTEEEVVSTDFVGDCHSSIFDAK	AGAP009623-PA	C19(Carbamidomethyl)	161	7.47E-16	1	3033.370	1.02	Malpighian tubule	3R:+:37154855-37154935	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_98611	VPTPNVSVVDLTVR	AGAP009623-PA	-	129	4.09E-13	1	1495.849	0.98	Salivary gland	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_101675	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	N5(Deamidated), M13(Oxidation),"N3(Deamidated), M13(Oxidation)",M13(Oxidation)	158	1.56E-15	1	2590.329	4.11	Pupa	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_102270	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	M13(Oxidation)	125	3.64E-12	1	2590.333	5.55	Larva	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_102448	LISWYDNEYGYSNRVVDLIK	AGAP009623-PA	-	90	1.57E-08	1	2447.237	5.36	Malpighian tubule	3R:+:37154969-37155028	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_102768	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	M13(Oxidation)	143	6.33E-14	1	2590.317	-0.67	Ovary	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_102905	LTGMAFR	AGAP009623-PA	M4(Oxidation)	42	0.000771392	2	811.411	-2.34	Head	3R:+:37154723-37154743	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_103697	VVDLIKYMQTK	AGAP009623-PA	M8(Oxidation)	37	0.001355943	1	1353.748	2.47	Malpighian tubule	3R:+:37155011-37155043	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_103790	VIPALNGK	AGAP009623-PA	N6(Deamidated)	43	0.00025159	1	812.488	0.29	Pupa	3R:+:37154699-37154722	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_105637	YDSTHGR	AGAP009623-PA	-	51	7.07E-05	2	835.369	-0.16	Midgut	3R:+:37154186-37154206	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_105769	IGINGFGR	AGAP009623-PA	N4(Deamidated)	61	7.66E-06	2	833.465	2.51	Visceras	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_106402	KVIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M13(Oxidation), M27(Oxidation),M13(Oxidation)	67	2.20E-06	1	2979.528	2.45	Malpighian tubule	3R:+:37154393-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA

JHU_Ag_106780	VPTPNVSVVDLTVR	AGAP009623-PA	-	115	1.21E-11	1	1495.849	0.58	Larva	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_107414	KVIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M13(Oxidation), M27(Oxidation)	47	0.000215869	1	2995.523	2.58	Larva	3R:+:37154393-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_109861	VIPALNGK	AGAP009623-PA	N6(Deamidated)	45	0.000105755	1	811.503	-0.3	Visceras	3R:+:37154699-37154722	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_110252	VIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M12(Oxidation), M26(Oxidation),M12(Oxidation)	97	2.55E-09	1	2867.428	2.64	Midgut	3R:+:37154396-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_110340	VINDNFGILEGLMTTVHATTATQK	AGAP009623-PA	M13(Oxidation)	151	9.03E-15	1	2574.325	0.78	Salivary gland	3R:+:37154528-37154599	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_110492	IGINGFGR	AGAP009623-PA	N4(Deamidated)	54	4.23E-05	2	833.463	0.53	Salivary gland	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_111286	AGIQLSDTFVK	AGAP009623-PA	-	83	4.41E-08	1	1178.646	4.06	Larva	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_111370	GEVSAQDGCLVVNGQK	AGAP009623-PA	C9(Carbamidomethyl),"C9(Carbamidomethyl), Q15(Deamidated)","C9(Carbamidomethyl), N13(Deamidated)","Q6(Deamidated), C9(Carbamidomethyl)"	136	3.58E-13	1	1661.786	3.79	Head	3R:+:37154213-37154260	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_113483	IGINGFGR	AGAP009623-PA	N4(Deamidated)	60	1.12E-05	2	833.463	0.68	Malpighian tubule	3R:+:37154060-37154083	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_114001	VPTPNVSVVDLTVR	AGAP009623-PA	-	101	3.04E-10	1	1495.856	5.55	Ovary	3R:+:37154744-37154785	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_114280	AGAEYVVESTGVFTTTEK	AGAP009623-PA	-	135	6.27E-13	1	1888.922	2.32	Visceras	3R:+:37154309-37154362	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_114875	AGIQLSDTFVK	AGAP009623-PA	-	71	7.92E-07	2	1178.638	-3.19	Midgut	3R:+:37154936-37154968	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_115257	VVSNASCTTNCLAPLAK	AGAP009623-PA	N4(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl),"C7(Carbamidomethyl), C11(Carbamidomethyl)","C7(Carbamidomethyl), N10(Deamidated), C11(Carbamidomethyl)"	119	1.97E-11	1	1805.892	2.08	Head	3R:+:37154477-37154527	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_115592	GAAQNIIPAATGAAK	AGAP009623-PA	Q4(Deamidated),N5(Deamidated)	101	6.87E-10	1	1354.732	-0.18	Pupa	3R:+:37154642-37154686	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_115894	IAVFQERDPK	AGAP009623-PA	-	38	0.002563256	1	1202.652	-0.39	Male reproductive organs	3R:+:37154261-37154290	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_117186	VPTPNVSVVDLTVRLSKPATYDQIK	AGAP009623-PA	-	141	8.40E-15	1	2740.530	2.08	Pupa	3R:+:37154744-37154818	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_117372	VIISAPSADAPMFVVGVNLEAYEPSMK	AGAP009623-PA	M12(Oxidation), M26(Oxidation)	79	1.78E-07	1	2867.432	4.09	Pupa	3R:+:37154396-37154476	exon=> In CDS Exon 1 of transcript AGAP009623-PA
JHU_Ag_2961	IENTSLYYDAWHDLTNSHGIIVPGGFGSR	AGAP009624-PA	-	36	0.003257655	1	3219.561	3.62	Head	3R:-:37159898-37160602,37159622-37159745	exon=> In CDS Exon 4 and 3 of transcript AGAP009624-PA
JHU_Ag_6123	IENTSLYYDAWHDLTNSHGIIVPGGFGSR	AGAP009624-PA	-	159	1.57E-15	1	3219.551	0.5	Visceras	3R:-:37159898-37160602,37159622-37159745	exon=> In CDS Exon 4 and 3 of transcript AGAP009624-PA

JHU_Ag_6163	VNIALVGKYTR	AGAP009624-PA	-	46	7.97E-05	1	1233.736	3.53	Malpighian tubule	3R:-:37160045-37160013	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_10683	YILVTGGVISGVGK	AGAP009624-PA	-	35	0.000933594	2	1362.802	1.74	Visceras	3R:-:37162606-37162565	exon=> In CDS Exon 1 of transcript AGAP009624-PA
JHU_Ag_14697	GFGLSPDMIVCR	AGAP009624-PA	C11(Carbamidomethyl)	52	9.33E-05	2	1351.651	0.57	Ovary	3R:-:37160327-37160292	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_17998	YILVTGGVISGVGK	AGAP009624-PA	-	62	1.56E-06	2	1362.800	0.75	Ovary	3R:-:37162606-37162565	exon=> In CDS Exon 1 of transcript AGAP009624-PA
JHU_Ag_25113	FLDIVLHK	AGAP009624-PA	-	46	0.000150965	2	984.588	0.47	Visceras	3R:-:37162013-37161990	exon=> In CDS Exon 2 of transcript AGAP009624-PA
JHU_Ag_25525	SEASTSAAVQVNGAVPSKQESPIK	AGAP009624-PA	-	48	0.000187304	1	2385.228	1.01	Ovary	3R:-:37158955-37158884	exon=> In CDS Exon 6 of transcript AGAP009624-PA
JHU_Ag_28350	HRYEVNPDYVAQLESHGMR	AGAP009624-PA	M18(Oxidation)	97	2.83E-09	1	2317.089	4.68	Malpighian tubule	3R:-:37159297-37159241	exon=> In CDS Exon 6 of transcript AGAP009624-PA
JHU_Ag_31629	LQDSYASVMK	AGAP009624-PA	M9(Oxidation)	56	2.44E-05	2	1141.560	3.96	Malpighian tubule	3R:-:37160012-37159983	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_32877	GFGLSPDMIVCR	AGAP009624-PA	C11(Carbamidomethyl)	44	0.000653526	2	1351.658	6.44	Malpighian tubule	3R:-:37160327-37160292	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_40340	ENFCVAHVSLVPLPR	AGAP009624-PA	C4(Carbamidomethyl)	41	0.000685916	1	1737.922	6.53	Malpighian tubule	3R:-:37160426-37160382	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_40837	ETKIENTSLYYDAWHDLTNSHGIIVPGGFGSR	AGAP009624-PA	-	81	9.02E-08	1	3577.761	7.23	Malpighian tubule	3R:-:37159907-37160602,37159622-37159745	exon=> In CDS Exon 4 and 3 of transcript AGAP009624-PA
JHU_Ag_41141	IENTSLYYDAWHDLTNSHGIIVPGGFGSR	AGAP009624-PA	-	156	2.94E-15	1	3219.573	7.32	Ovary	3R:-:37159898-37160602,37159622-37159745	exon=> In CDS Exon 4 and 3 of transcript AGAP009624-PA
JHU_Ag_41886	IENTSLYYDAWHDLTNSHGIIVPGGFGSR	AGAP009624-PA	-	79	1.80E-07	1	3219.549	-0.3	Malpighian tubule	3R:-:37159898-37160602,37159622-37159745	exon=> In CDS Exon 4 and 3 of transcript AGAP009624-PA
JHU_Ag_41993	LLQQQCSPSSTMPNDKVNAQELNQIR	AGAP009624-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	53	7.41E-05	1	3015.463	0.29	Ovary	3R:-:37159054-37158977	exon=> In CDS Exon 6 of transcript AGAP009624-PA
JHU_Ag_42354	IGDYLGK	AGAP009624-PA	-	36	0.003487468	1	765.417	3.44	Malpighian tubule	3R:-:37161935-37161915	exon=> In CDS Exon 2 of transcript AGAP009624-PA
JHU_Ag_43314	LNLTFIDSSNLER	AGAP009624-PA	-	74	5.05E-07	2	1521.792	0.81	Ovary	3R:-:37159946-37159908	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_52250	TVQVVPHITDAIQEWVER	AGAP009624-PA	-	50	0.000114389	1	2120.111	-1.04	Midgut	3R:-:37161914-37162075,37159846-37160559	exon=> In CDS Exon 3 and 2 of transcript AGAP009624-PA
JHU_Ag_62627	VNIALVGK	AGAP009624-PA	-	42	0.000215516	2	813.520	0.48	Visceras	3R:-:37160045-37160022	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_67434	LLQQQCSPSSTMPNDKVNAQELNQIR	AGAP009624-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	141	1.08E-13	1	3015.476	4.54	Malpighian tubule	3R:-:37159054-37158977	exon=> In CDS Exon 6 of transcript AGAP009624-PA
JHU_Ag_68024	TVQVVPHITDAIQEWVER	AGAP009624-PA	-	48	0.000144684	1	2120.116	1.29	Visceras	3R:-:37161914-37162075,37159846-37160559	exon=> In CDS Exon 3 and 2 of transcript AGAP009624-PA
JHU_Ag_73553	TVQVVPHITDAIQEWVER	AGAP009624-PA	-	117	1.40E-11	1	2120.124	5.09	Malpighian tubule	3R:-:37161914-37162075,37159846-37160559	exon=> In CDS Exon 3 and 2 of transcript AGAP009624-PA
JHU_Ag_76899	ENFCVAHVSLVPLPR	AGAP009624-PA	C4(Carbamidomethyl)	50	0.000108239	1	1737.911	0.42	Ovary	3R:-:37160426-37160382	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_77963	VNIALVGK	AGAP009624-PA	-	69	3.04E-07	2	813.523	4.31	Malpighian tubule	3R:-:37160045-37160022	exon=> In CDS Exon 3 of transcript AGAP009624-PA

JHU_Ag_83443	TVQVVPHITDAIQEWVER	AGAP009624-PA	-	46	0.000262806	1	2120.114	0.43	Ovary	3R:-:37161914-37162075,37159846-37160559	exon=> In CDS Exon 3 and 2 of transcript AGAP009624-PA
JHU_Ag_85952	LNLTFIDSSNLER	AGAP009624-PA	-	77	2.82E-07	2	1521.795	2.81	Visceras	3R:-:37159946-37159908	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_88101	IGDYLGK	AGAP009624-PA	-	39	0.001517805	2	765.417	4.16	Ovary	3R:-:37161935-37161915	exon=> In CDS Exon 2 of transcript AGAP009624-PA
JHU_Ag_88995	LQDSYASVMK	AGAP009624-PA	M9(Oxidation)	60	9.90E-06	1	1157.555	3.45	Ovary	3R:-:37160012-37159983	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_96193	GVIASSFGTLLNACGIPITSIK	AGAP009624-PA	C14(Carbamidomethyl)	61	3.64E-06	2	2219.213	1.2	Visceras	3R:-:37162564-37162499	exon=> In CDS Exon 1 of transcript AGAP009624-PA
JHU_Ag_96555	VNIALVGK	AGAP009624-PA	-	63	1.80E-06	2	813.519	-0.05	Salivary gland	3R:-:37160045-37160022	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_104068	VNIALVGK	AGAP009624-PA	-	38	0.000536388	2	813.520	0.48	Ovary	3R:-:37160045-37160022	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_106958	FLDIVLHK	AGAP009624-PA	-	34	0.002037789	1	984.592	4.06	Ovary	3R:-:37162013-37161990	exon=> In CDS Exon 2 of transcript AGAP009624-PA
JHU_Ag_113141	FLDIVLHK	AGAP009624-PA	-	37	0.001032464	1	984.588	0.1	Salivary gland	3R:-:37162013-37161990	exon=> In CDS Exon 2 of transcript AGAP009624-PA
JHU_Ag_116482	SEASTSAAVQVNGAVPSK	AGAP009624-PA	N12(Deamidated)	104	7.75E-10	2	1702.863	1.33	Ovary	3R:-:37158955-37158902	exon=> In CDS Exon 6 of transcript AGAP009624-PA
JHU_Ag_116840	KENFCVAHVSLVPLPR	AGAP009624-PA	C5(Carbamidomethyl)	47	0.000131883	1	1866.022	8.99	Ovary	3R:-:37160429-37160382	exon=> In CDS Exon 3 of transcript AGAP009624-PA
JHU_Ag_13687	VAPEVDYLQLAR	AGAP009625-PA	-	71	1.11E-06	2	1373.745	1.66	Male reproductive organs	3R:+:37166381-37166416	exon=> In CDS Exon 3 of transcript AGAP009625-PA
JHU_Ag_39659	DMFAGSALYQPPK	AGAP009625-PA	M2(Oxidation)	67	3.23E-06	2	1440.680	-1.74	Head	3R:+:37165823-37165861	exon=> In CDS Exon 2 of transcript AGAP009625-PA
JHU_Ag_73552	VAPEVDYLQLAR	AGAP009625-PA	-	62	1.04E-05	2	1373.747	3.26	Salivary gland	3R:+:37166381-37166416	exon=> In CDS Exon 3 of transcript AGAP009625-PA
JHU_Ag_86460	ILQLILANEK	AGAP009625-PA	-	49	2.61E-05	2	1154.715	0.33	Salivary gland	3R:+:37166351-37166380	exon=> In CDS Exon 3 of transcript AGAP009625-PA
JHU_Ag_90141	AIEHAEEILR	AGAP009625-PA	-	83	4.82E-08	1	1180.633	0.83	Malpighian tubule	3R:+:37165248-37165277	exon=> In CDS Exon 1 of transcript AGAP009625-PA
JHU_Ag_90796	ILQLILANEK	AGAP009625-PA	-	32	0.001276944	2	1154.712	-2	Male reproductive organs	3R:+:37166351-37166380	exon=> In CDS Exon 3 of transcript AGAP009625-PA
JHU_Ag_92855	VAPEVDYLQLAR	AGAP009625-PA	-	66	3.48E-06	2	1373.745	1.57	Malpighian tubule	3R:+:37166381-37166416	exon=> In CDS Exon 3 of transcript AGAP009625-PA
JHU_Ag_32973	SFQSPILELR	AGAP009628-PA	-	40	0.000982735	1	1189.661	2.7	Midgut	3R:+:37299841-37299855,37299939-37299953	exon=> In CDS Exon 4 and 5 of transcript AGAP009628-PA
JHU_Ag_59663	SFQSPILELR	AGAP009628-PA	-	39	0.001226907	1	1189.664	5.57	Pupa	3R:+:37299841-37299855,37299939-37299953	exon=> In CDS Exon 4 and 5 of transcript AGAP009628-PA
JHU_Ag_106022	SFQSPILELR	AGAP009628-PA	-	40	0.001262897	1	1189.658	0.75	Head	3R:+:37299841-37299855,37299939-37299953	exon=> In CDS Exon 4 and 5 of transcript AGAP009628-PA
JHU_Ag_7088	TNQILLR	AGAP009630-PA	N2(Deamidated), Q3(Deamidated)	44	0.000721157	2	859.488	0.07	Male reproductive organs	3R:+:37327591-37327611	exon=> In CDS Exon 1 of transcript AGAP009630-PA
JHU_Ag_23417	TNQILLR	AGAP009630-PA	N2(Deamidated), Q3(Deamidated)	50	0.000200461	2	859.488	-0.07	Visceras	3R:+:37327591-37327611	exon=> In CDS Exon 1 of transcript AGAP009630-PA
JHU_Ag_66664	TNQILLR	AGAP009630-PA	N2(Deamidated), Q3(Deamidated)	41	0.001690558	1	859.489	0.51	Head	3R:+:37327591-37327611	exon=> In CDS Exon 1 of transcript AGAP009630-PA
JHU_Ag_67937	TNQILLR	AGAP009630-PA	N2(Deamidated), Q3(Deamidated)	41	0.001456025	1	859.491	2.71	Malpighian tubule	3R:+:37327591-37327611	exon=> In CDS Exon 1 of transcript AGAP009630-PA
JHU_Ag_71253	TNQILLR	AGAP009630-PA	N2(Deamidated), Q3(Deamidated)	41	0.001440679	1	859.491	3.28	Larva	3R:+:37327591-37327611	exon=> In CDS Exon 1 of transcript AGAP009630-PA

JHU_Ag_22826	GRILLR	AGAP009631-PA	-	32	0.002138701	2	727.483	-14.77	Midgut	3R:+:37335984-37336001	exon=> In CDS Exon 5 of transcript AGAP009631-PA
JHU_Ag_89247	FIAVLPQLTPR	AGAP009632-PA	-	33	0.001163965	2	1254.757	0.45	Male reproductive organs	3R:+:37346667-37346699	exon=> In CDS Exon 2 of transcript AGAP009632-PA
JHU_Ag_3913	LALVTGAGSGIGR	AGAP009633-PA	-	48	0.000138474	2	1171.675	-3.48	Male reproductive organs	3R:-:37349584-37349608,37348850-37349442	exon=> In CDS Exon 2 and 1 of transcript AGAP009633-PA
JHU_Ag_9826	FGNPEEIAEVAAFLASEK	AGAP009633-PA	-	117	2.60E-11	2	1921.959	2.53	Malpighian tubule	3R:-:37348865-37349464,37348702-37348747	exon=> In CDS Exon 3 and 2 of transcript AGAP009633-PA
JHU_Ag_27186	TGNIGQSNYSPSK	AGAP009633-PA	-	89	2.33E-08	1	1352.647	2.23	Malpighian tubule	3R:-:37349063-37349025	exon=> In CDS Exon 2 of transcript AGAP009633-PA
JHU_Ag_38062	GTWLVLQR	AGAP009633-PA	-	51	6.95E-05	2	972.565	2.8	Malpighian tubule	3R:-:37349156-37349133	exon=> In CDS Exon 2 of transcript AGAP009633-PA
JHU_Ag_64047	TGNIGQSNYSPSK	AGAP009633-PA	-	69	2.12E-06	1	1352.646	1.69	Pupa	3R:-:37349063-37349025	exon=> In CDS Exon 2 of transcript AGAP009633-PA
JHU_Ag_70867	VNAIVPGFIHTPMTGTVPQK	AGAP009633-PA	M13(Oxidation)	58	1.13E-05	1	2123.144	5.6	Head	3R:-:37348964-37348905	exon=> In CDS Exon 2 of transcript AGAP009633-PA
JHU_Ag_71247	GTWLVLQR	AGAP009633-PA	-	39	0.000964002	2	972.564	0.98	Pupa	3R:-:37349156-37349133	exon=> In CDS Exon 2 of transcript AGAP009633-PA
JHU_Ag_76524	RFGNPEEIAEVAAFLASEK	AGAP009633-PA	-	57	2.79E-05	3	2078.059	1.64	Ovary	3R:-:37348868-37349464,37348702-37348747	exon=> In CDS Exon 3 and 2 of transcript AGAP009633-PA
JHU_Ag_78944	LALVTGAGSGIGR	AGAP009633-PA	-	94	3.11E-09	1	1171.682	2.14	Malpighian tubule	3R:-:37349584-37349608,37348850-37349442	exon=> In CDS Exon 2 and 1 of transcript AGAP009633-PA
JHU_Ag_79908	ATPLAGKLALVTGAGSGIGR	AGAP009633-PA	N-Term(Acetyl)	98	2.46E-10	2	1852.073	4.44	Malpighian tubule	3R:-:37349605-37349608,37348850-37349442	exon=> In CDS Exon 2 and 1 of transcript AGAP009633-PA
JHU_Ag_82770	RFGNPEEIAEVAAFLASEK	AGAP009633-PA	-	69	1.92E-06	1	2078.048	-3.39	Malpighian tubule	3R:-:37348868-37349464,37348702-37348747	exon=> In CDS Exon 3 and 2 of transcript AGAP009633-PA
JHU_Ag_83770	LALVTGAGSGIGR	AGAP009633-PA	-	68	1.34E-06	2	1171.681	1.62	Pupa	3R:-:37349584-37349608,37348850-37349442	exon=> In CDS Exon 2 and 1 of transcript AGAP009633-PA
JHU_Ag_84626	FGNPEEIAEVAAFLASEK	AGAP009633-PA	-	90	1.49E-08	1	1921.959	2.27	Ovary	3R:-:37348865-37349464,37348702-37348747	exon=> In CDS Exon 3 and 2 of transcript AGAP009633-PA
JHU_Ag_110430	YKRPPTVVVNSAGITR	AGAP009633-PA	-	85	1.10E-08	1	1758.008	3.32	Malpighian tubule	3R:-:37349267-37349220	exon=> In CDS Exon 2 of transcript AGAP009633-PA
JHU_Ag_114869	RFGNPEEIAEVAAFLASEK	AGAP009633-PA	-	108	2.08E-10	1	2078.056	0.4	Visceras	3R:-:37348868-37349464,37348702-37348747	exon=> In CDS Exon 3 and 2 of transcript AGAP009633-PA
JHU_Ag_103	YGGGYGGYGGYGGGFGGYR	AGAP009635-PA	-	90	4.02E-09	1	1821.766	2.22	Malpighian tubule	3R:-:37368255-37368486,37368004-37368094	exon=> In CDS Exon 2 and 1 of transcript AGAP009635-PA
JHU_Ag_1364	GGYGGYGGFR	AGAP009635-PA	-	67	1.10E-06	1	990.443	-0.17	Head	3R:-:37368072-37368043	exon=> In CDS Exon 2 of transcript AGAP009635-PA
JHU_Ag_71196	YGGGYGGYGGYGGGFGGYR	AGAP009635-PA	-	136	8.98E-14	1	1821.762	0.35	Head	3R:-:37368255-37368486,37368004-37368094	exon=> In CDS Exon 2 and 1 of transcript AGAP009635-PA
JHU_Ag_100406	GGYGGYR	AGAP009635-PA	-	34	0.000969089	1	729.330	-1.44	Head	3R:-:37368093-37368073	exon=> In CDS Exon 2 of transcript AGAP009635-PA
JHU_Ag_2685	SPFRPAERPK	AGAP009638-PA	-	35	0.00333429	1	1184.653	-0.15	Male reproductive organs	3R:+:37413547-37413576	exon=> In CDS Exon 6 of transcript AGAP009638-PA

JHU_Ag_3666	QIKPEDNLR	AGAP009638-PA	-	45	0.000262658	1	1112.609	3.15	Head	3R:+:37413403-37413429	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_7823	HDDNLRPEGDFERPEK	AGAP009638-PA	-	55	4.83E-05	1	1953.905	-0.18	Salivary gland	3R:+:37413499-37413546	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_13991	QVRPEDNLRPEGDFSTPEKPQYRPAERPK	AGAP009638-PA	-	88	1.40E-08	1	3436.748	3.69	Malpighian tubule	3R:+:37413925-37414011	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_16959	HDDNLRPEGDFERPEK	AGAP009638-PA	-	57	2.88E-05	1	1953.912	3.57	Ovary	3R:+:37413499-37413546	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_17368	QVRPEDNLRPEGDFSTPEKPQYRPAERPK	AGAP009638-PA	-	69	1.20E-06	1	3436.738	0.58	Head	3R:+:37413925-37414011	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_22874	TEGEFQAPERPEYRPGERPKPVR	AGAP009638-PA	-	40	0.001181299	1	2725.384	1.39	Head	3R:+:37413430-37413498	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_28939	QVRPEDNLRPEGDFSTPEKPQYRPAERPK	AGAP009638-PA	-	44	0.000361598	1	3436.732	-1.02	Visceras	3R:+:37413925-37414011	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_32198	TEGEFQTPERPEYRPGERPKPVR	AGAP009638-PA	Q6(Deamidated)	37	0.002317373	1	2756.395	7.15	Ovary	3R:+:37418999-37419067	exon=> In CDS Exon 7 of transcript AGAP009638-PA
JHU_Ag_33516	QVRPQDNLRPEGDFEKPEKPQYRPAERPK	AGAP009638-PA	Q5(Deamidated),N7(Deamidated)	94	3.34E-09	1	3505.803	2.7	Malpighian tubule	3R:+:37415056-37415142	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_35500	TVYISGERPKPIRPDDNLRPEGDFERPEK	AGAP009638-PA	-	47	0.000130663	1	3410.758	3.77	Malpighian tubule	3R:+:37414504-37414590	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_36196	QVRPQDNLKPEGDFERPQPTIVGKAER	AGAP009638-PA	-	116	1.41E-11	1	3104.637	4.26	Malpighian tubule	3R:+:37414360-37414440	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_38079	TVYISGERPKPIRPDDNLRPEGDFERPEK	AGAP009638-PA	-	38	0.000918916	1	3410.769	7.07	Ovary	3R:+:37414504-37414590	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_44365	QIKPEDNLR	AGAP009638-PA	-	40	0.000831779	1	1112.607	1.41	Malpighian tubule	3R:+:37413403-37413429	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_47738	QVRPQDNLRPEGDFEKPEKPQYRPAERPK	AGAP009638-PA	Q5(Deamidated)	80	7.66E-08	1	3505.793	-0.06	Visceras	3R:+:37415056-37415142	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_50402	AQIVRHEDNLYMEGNFER	AGAP009638-PA	M12(Oxidation)	57	3.21E-05	1	2237.046	2.46	Malpighian tubule	3R:+:37414441-37414494	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_51352	HEDNLYMEGNFER	AGAP009638-PA	M7(Oxidation)	29	0.004288376	2	1669.694	1.7	Visceras	3R:+:37414456-37414494	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_55685	HEDNLYMEGNFER	AGAP009638-PA	M7(Oxidation)	90	3.43E-09	1	1669.688	-2.03	Head	3R:+:37414456-37414494	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_55873	QVRPEDNLRPEGEFSTPEKPQYK	AGAP009638-PA	-	53	6.03E-05	1	2744.370	2.03	Malpighian tubule	3R:+:37414969-37415037	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_58192	QVRPEDNLKPEGSFEKPEK	AGAP009638-PA	-	33	0.007255902	1	2227.131	-1.91	Head	3R:+:37419842-37419898	exon=> In CDS Exon 7 of transcript AGAP009638-PA
JHU_Ag_59543	SPFRPAERPK	AGAP009638-PA	-	35	0.003250898	1	1184.655	1.01	Head	3R:+:37413547-37413576	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_60846	QVRPEDNLRPEGEFSTPEKPQYRPAERPK	AGAP009638-PA	-	87	1.85E-08	1	3450.765	3.9	Malpighian tubule	3R:+:37413577-37413663	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_62259	HDDNLRPEGDFERPEK	AGAP009638-PA	-	73	6.51E-07	1	1953.903	-1.12	Malpighian tubule	3R:+:37413499-37413546	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_70475	QVRPEDNLRPEGDFEKPEKPQYRPAERPK	AGAP009638-PA	-	80	7.66E-08	1	3505.793	-0.06	Visceras	3R:+:37413316-37413402	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_82074	QVRPQDNLKPEGDFERPQPTIVGK	AGAP009638-PA	-	51	6.64E-05	1	2748.452	3.33	Ovary	3R:+:37414360-37414431	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_86616	QVRPEDNLRPEGDFEKPEKPQYRPAERPK	AGAP009638-PA	-	94	3.34E-09	1	3505.803	2.7	Malpighian tubule	3R:+:37413316-37413402	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_89979	HDDNLRPEGDFERPEK	AGAP009638-PA	-	92	9.94E-09	1	1953.902	-1.77	Head	3R:+:37413499-37413546	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_91616	QVRPQDNLKPEGDFERPQPTIVGK	AGAP009638-PA	-	123	4.42E-12	1	2748.443	-0.14	Malpighian tubule	3R:+:37414360-37414431	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_92327	DIVTADLQDDVTNVTK	AGAP009638-PA	-	149	2.28E-14	2	1746.880	2.36	Head	3R:+:37408260-37408307	exon=> In CDS Exon 3 of transcript AGAP009638-PA

JHU_Ag_96830	TEGEFQAPERPEYRPGERPKPVR	AGAP009638-PA	-	82	8.58E-08	1	2725.387	2.38	Ovary	3R:+:37413430-37413498	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_98659	HDDNLRPEGDFERPEK	AGAP009638-PA	-	80	1.32E-07	1	1953.907	0.82	Visceras	3R:+:37413499-37413546	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_99910	HEDNLYMEGNFER	AGAP009638-PA	M7(Oxidation)	62	2.50E-06	1	1669.691	-0.35	Malpighian tubule	3R:+:37414456-37414494	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_100111	SPFRPAERPK	AGAP009638-PA	-	46	0.000220434	1	1184.656	2.4	Malpighian tubule	3R:+:37413547-37413576	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_108048	HDDNLRPEGSFERPEK	AGAP009638-PA	-	66	4.34E-06	1	1925.908	-0.92	Head	3R:+:37420286-37420333	exon=> In CDS Exon 7 of transcript AGAP009638-PA
JHU_Ag_111129	QVRPQDNLKPEGDFERPQPTIVGK	AGAP009638-PA	-	70	9.08E-07	1	2748.444	0.31	Visceras	3R:+:37414360-37414431	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_112686	QVRPQDNLKPEGDFERPQPTIVGK	AGAP009638-PA	Q1(Deamidated)	89	1.25E-08	1	2748.442	-0.33	Head	3R:+:37414360-37414431	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_116079	QVRPQDNLKPEGDFERPQPTIVGK	AGAP009638-PA	-	59	1.17E-05	1	2748.440	-0.92	Salivary gland	3R:+:37414360-37414431	exon=> In CDS Exon 6 of transcript AGAP009638-PA
JHU_Ag_37217	KIQLDLVER	AGAP009639-PA	-	52	3.44E-05	1	1113.666	3.25	Male reproductive organs	3R:+:37443052-37443078	exon=> In CDS Exon 1 of transcript AGAP009639-PA
JHU_Ag_46715	AHEMEVQYQAEFAECHDK	AGAP009639-PA	M4(Oxidation), C15(Carbamidomethyl)	100	2.96E-10	1	2237.921	-0.67	Male reproductive organs	3R:+:37443100-37443153	exon=> In CDS Exon 1 of transcript AGAP009639-PA
JHU_Ag_60277	ENINLGDENHFTCCCDR	AGAP009639-PA	C13(Carbamidomethyl), C14(Carbamidomethyl), C15(Carbamidomethyl)	106	3.63E-11	1	2153.843	-0.17	Male reproductive organs	3R:+:37456804-37456854	exon=> In CDS Exon 4 of transcript AGAP009639-PA
JHU_Ag_67150	AVFLFLK	AGAP009639-PA	-	51	9.82E-06	2	837.523	-0.11	Male reproductive organs	3R:+:37456783-37456803	exon=> In CDS Exon 4 of transcript AGAP009639-PA
JHU_Ag_69225	IQLDLVER	AGAP009639-PA	-	45	0.000304303	1	985.570	2.57	Male reproductive organs	3R:+:37443055-37443078	exon=> In CDS Exon 1 of transcript AGAP009639-PA
JHU_Ag_160	GGPPGLTTGLK	AGAP009642-PA	-	48	7.97E-05	1	997.566	-1.45	Head	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_522	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	110	1.73E-10	1	1704.836	1.03	Visceras	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_650	VLPSICNEVLK	AGAP009642-PA	C6(Carbamidomethyl)	41	0.001067112	1	1271.703	0.16	Ovary	3R:-:37487163-37487131	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_4933	GGPPGLTTGLK	AGAP009642-PA	-	57	1.04E-05	2	997.568	-0.18	Midgut	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_5051	EYTAAVESK	AGAP009642-PA	-	46	0.000214004	1	997.485	1.47	Male reproductive organs	3R:-:37486983-37486957	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_5629	VPWFQYPIIYDIR	AGAP009642-PA	-	65	2.71E-06	1	1709.915	5.8	Larva	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_6475	QVAQQEAQQAAFLVER	AGAP009642-PA	-	140	1.37E-13	2	1815.941	3.22	Visceras	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_6636	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	117	3.60E-11	1	1704.831	-1.69	Midgut	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_6978	LNDLAGK	AGAP009642-PA	-	32	0.006629152	2	730.409	-0.85	Head	3R:-:37487958-37487938	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_11814	QVAQQEAQQAAFLVER	AGAP009642-PA	-	116	3.57E-11	1	1815.932	-1.62	Ovary	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_12225	QVAQQEAQQAAFLVER	AGAP009642-PA	-	153	7.07E-15	1	1815.936	0.73	Head	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_12357	FNASQLITQR	AGAP009642-PA	-	73	6.59E-07	2	1177.633	0.67	Salivary gland	3R:-:37487115-37487086	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_12571	FNASQLITQR	AGAP009642-PA	-	75	4.49E-07	1	1177.629	-2.55	Head	3R:-:37487115-37487086	exon=> In CDS Exon 2 of transcript AGAP009642-PA

JHU_Ag_15319	GGPPGLTTGLK	AGAP009642-PA	-	62	3.68E-06	2	997.566	-1.28	Ovary	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_16643	FNASQLITQR	AGAP009642-PA	-	74	5.74E-07	2	1177.629	-2.96	Midgut	3R:-:37487115-37487086	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_17297	VLPSICNEVLK	AGAP009642-PA	C6(Carbamidomethyl)	52	7.26E-05	2	1271.704	0.55	Midgut	3R:-:37487163-37487131	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_17583	DLQMVNISLR	AGAP009642-PA	-	54	5.02E-05	2	1188.642	1.1	Pupa	3R:-:37487265-37487236	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_18522	NSMYTVEGGHR	AGAP009642-PA	M3(Oxidation)	35	0.002871054	2	1266.557	2.85	Larva	3R:-:37487856-37487973,37486768-37487410	exon=> In CDS Exon 2 and 1 of transcript AGAP009642-PA
JHU_Ag_20553	QQVSLLIR	AGAP009642-PA	-	52	3.93E-05	2	956.589	0.33	Pupa	3R:-:37487085-37487062	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_22721	FNASQLITQR	AGAP009642-PA	-	85	3.80E-08	1	1177.632	-0.16	Pupa	3R:-:37487115-37487086	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_24501	KLPVMYR	AGAP009642-PA	M5(Oxidation)	34	0.00283992	1	922.520	1.73	Malpighian tubule	3R:-:37487211-37487191	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_25942	QQVSLLIR	AGAP009642-PA	-	40	0.000590031	2	956.588	-0.37	Midgut	3R:-:37487085-37487062	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_26363	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	74	5.80E-07	2	1491.788	-0.09	Head	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_27017	DLQMVNISLRVLSRPDAR	AGAP009642-PA	M4(Oxidation)	53	3.30E-05	1	2099.146	3.47	Head	3R:-:37487265-37487212	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_27868	VPWFQYPIIYDIR	AGAP009642-PA	-	82	5.98E-08	1	1709.906	0.45	Midgut	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_27878	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	87	2.66E-08	2	1491.789	0.97	Salivary gland	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_29350	DLQMVNISLR	AGAP009642-PA	-	51	0.000125128	2	1188.639	-1.57	Head	3R:-:37487265-37487236	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_29473	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	109	2.63E-10	1	1704.833	-0.37	Male reproductive organs	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_32797	VLPSICNEVLK	AGAP009642-PA	C6(Carbamidomethyl)	43	0.00048796	1	1271.707	3.23	Malpighian tubule	3R:-:37487163-37487131	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_33593	LNDLAGKFGK	AGAP009642-PA	-	45	0.000263006	1	1062.598	3.11	Malpighian tubule	3R:-:37487958-37487929	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_34247	FNASQLITQR	AGAP009642-PA	-	51	9.17E-05	2	1177.635	2.33	Visceras	3R:-:37487115-37487086	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_34987	QVAQQEAQQAAFLVER	AGAP009642-PA	-	62	8.57E-06	2	1815.939	2.48	Larva	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_36264	QQVSLLIR	AGAP009642-PA	-	54	2.30E-05	2	956.589	0.71	Male reproductive organs	3R:-:37487085-37487062	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_37505	QQVSLLIRR	AGAP009642-PA	-	40	0.000272609	1	1112.691	0.81	Malpighian tubule	3R:-:37487085-37487059	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_38392	QQVSLLIR	AGAP009642-PA	-	32	0.003770479	1	956.587	-1.44	Head	3R:-:37487085-37487062	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_39798	VPWFQYPIIYDIR	AGAP009642-PA	-	73	4.26E-07	1	1709.916	6.66	Malpighian tubule	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_41483	DLQMVNISLR	AGAP009642-PA	-	66	2.77E-06	2	1188.640	-0.64	Visceras	3R:-:37487265-37487236	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_42460	QLGQDYDEKVLPSICNEVLK	AGAP009642-PA	C15(Carbamidomethyl)	79	1.93E-07	1	2348.185	1.97	Malpighian tubule	3R:-:37487190-37487131	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_45834	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	70	1.34E-06	2	1491.789	0.65	Pupa	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_46332	GGPPGLTTGLK	AGAP009642-PA	-	79	6.99E-08	1	997.571	2.82	Male reproductive organs	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA

JHU_Ag_46788	IVQAEGEAEAAK	AGAP009642-PA	-	90	1.23E-08	2	1215.625	2.51	Pupa	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_47227	DLQMVNISLR	AGAP009642-PA	M4(Oxidation)	56	4.12E-05	2	1204.632	-3	Midgut	3R:-:37487265-37487236	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_47466	IVQAEGEAEAAK	AGAP009642-PA	-	93	6.73E-09	1	1215.623	1.3	Male reproductive organs	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_48718	VLAAVGAAAYGIK	AGAP009642-PA	-	98	4.49E-10	1	1203.712	2.33	Malpighian tubule	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_48994	EYTAAVESK	AGAP009642-PA	-	50	0.000108602	1	997.484	0.25	Midgut	3R:-:37486983-37486957	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_49375	QLGQDYDEK	AGAP009642-PA	-	37	0.002124571	2	1095.495	-0.15	Midgut	3R:-:37487190-37487164	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_52097	AADFNIILDDVSLTELSFGR	AGAP009642-PA	-	105	4.05E-10	1	2196.120	0.8	Head	3R:-:37487043-37486984	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_53154	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	103	8.73E-10	1	1704.838	2.25	Pupa	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_53268	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	61	1.00E-05	2	1491.794	4.25	Male reproductive organs	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_53514	VLAAVGAAAYGIK	AGAP009642-PA	-	98	5.17E-10	2	1203.710	0.6	Male reproductive organs	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_54343	NSMYTVEGGHR	AGAP009642-PA	M3(Oxidation)	77	1.78E-07	1	1266.554	0.44	Malpighian tubule	3R:-:37487856-37487973,37486768-37487410	exon=> In CDS Exon 2 and 1 of transcript AGAP009642-PA
JHU_Ag_56056	VPWFQYPIIYDIR	AGAP009642-PA	-	48	0.000162111	1	1709.914	5.02	Pupa	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_57559	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	119	2.37E-11	1	1704.839	2.82	Ovary	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_58614	AADFNIILDDVSLTELSFGR	AGAP009642-PA	-	128	2.06E-12	2	2196.118	-0.09	Midgut	3R:-:37487043-37486984	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_60198	DLQMVNISLR	AGAP009642-PA	M4(Oxidation)	37	0.002620896	2	1204.636	0.55	Ovary	3R:-:37487265-37487236	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_60888	QVAQQEAQQAAFLVER	AGAP009642-PA	-	138	2.31E-13	1	1815.936	0.73	Salivary gland	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_61034	GGPPGLTTGLK	AGAP009642-PA	-	77	1.19E-07	1	997.569	1.17	Visceras	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_61244	GGPPGLTTGLK	AGAP009642-PA	-	85	1.63E-08	1	997.569	1.41	Malpighian tubule	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_61403	VPWFQYPIIYDIR	AGAP009642-PA	-	80	9.29E-08	1	1709.905	0.23	Head	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_62305	VLAAVGAAAYGIK	AGAP009642-PA	-	94	1.32E-09	1	1203.710	0.3	Visceras	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_62652	VLAAVGAAAYGIK	AGAP009642-PA	-	74	1.10E-07	2	1203.710	0.4	Head	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_64759	GGPPGLTTGLKVLAAVGAAAYGIK	AGAP009642-PA	-	119	1.21E-12	1	2182.270	4.96	Malpighian tubule	3R:-:37487928-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_65336	QQVSLLIR	AGAP009642-PA	-	32	0.003538953	2	956.588	-0.37	Ovary	3R:-:37487085-37487062	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_67084	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	113	9.35E-11	1	1704.839	2.96	Malpighian tubule	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_68630	EYTAAVESK	AGAP009642-PA	-	34	0.003523746	2	997.489	5.31	Larva	3R:-:37486983-37486957	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_68953	IVQAEGEAEAAK	AGAP009642-PA	-	64	5.53E-06	2	1215.621	-0.3	Salivary gland	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_69951	IVQAEGEAEAAK	AGAP009642-PA	-	88	2.20E-08	2	1215.625	2.61	Visceras	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA

JHU_Ag_70656	GGPPGLTTGLK	AGAP009642-PA	-	36	0.001352658	2	997.570	2.33	Salivary gland	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_75129	IVQAEGEAEAAK	AGAP009642-PA	-	66	3.69E-06	2	1215.621	-0.4	Head	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_75898	QVAQQEAQQAAFLVER	AGAP009642-PA	-	137	2.87E-13	1	1815.940	2.89	Pupa	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_77377	ISSPTGSKDLQMVNISLR	AGAP009642-PA	M12(Oxidation)	57	1.74E-05	1	1946.044	3.17	Malpighian tubule	3R:-:37487289-37487236	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_79043	VLAAVGAAAYGIK	AGAP009642-PA	-	96	7.87E-10	1	1203.709	-0.41	Midgut	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_85087	VPWFQYPIIYDIR	AGAP009642-PA	-	75	2.57E-07	1	1709.916	6.16	Salivary gland	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_88572	DLQMVNISLR	AGAP009642-PA	-	59	1.62E-05	2	1188.643	1.72	Malpighian tubule	3R:-:37487265-37487236	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_89392	QVAQQEAQQAAFLVER	AGAP009642-PA	Q8(Deamidated),Q1(Deamidated)	81	1.11E-07	2	1815.945	5.44	Male reproductive organs	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_90448	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	103	7.12E-10	1	1491.790	1.55	Malpighian tubule	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_91052	NSMYTVEGGHR	AGAP009642-PA	M3(Oxidation)	80	0.000000075	1	1266.548	-4.38	Head	3R:-:37487856-37487973,37486768-37487410	exon=> In CDS Exon 2 and 1 of transcript AGAP009642-PA
JHU_Ag_92858	GGPPGLTTGLK	AGAP009642-PA	-	44	0.000214468	2	997.567	-0.79	Pupa	3R:-:37487928-37487896	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_93111	FNASQLITQR	AGAP009642-PA	-	67	2.53E-06	2	1177.633	0.77	Ovary	3R:-:37487115-37487086	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_93375	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	82	7.75E-08	1	1475.792	-0.31	Visceras	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_93729	NSMYTVEGGHR	AGAP009642-PA	M3(Oxidation)	77	1.68E-07	1	1250.556	-1.48	Midgut	3R:-:37487856-37487973,37486768-37487410	exon=> In CDS Exon 2 and 1 of transcript AGAP009642-PA
JHU_Ag_98568	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	100	1.55E-09	2	1491.786	-1.32	Midgut	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_99841	FNASQLITQR	AGAP009642-PA	-	73	6.65E-07	2	1177.635	2.33	Malpighian tubule	3R:-:37487115-37487086	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_100529	VPWFQYPIIYDIR	AGAP009642-PA	-	66	2.36E-06	1	1709.912	4.02	Male reproductive organs	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_101128	MLGIAVAENPGYLK	AGAP009642-PA	M1(Oxidation)	63	6.49E-06	2	1491.789	0.65	Ovary	3R:-:37486848-37486807	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_103593	VLAAVGAAAYGIK	AGAP009642-PA	-	93	1.58E-09	2	1203.712	2.12	Pupa	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_104284	IVQAEGEAEAAK	AGAP009642-PA	-	89	1.86E-08	1	1215.624	2.21	Larva	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_105215	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	123	8.67E-12	1	1704.839	2.68	Head	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_105303	VLPSICNEVLK	AGAP009642-PA	C6(Carbamidomethyl)	46	0.000269033	1	1271.704	0.74	Head	3R:-:37487163-37487131	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_105614	QVAQQEAQQAAFLVER	AGAP009642-PA	-	126	4.04E-12	2	1815.932	-1.48	Midgut	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_106333	IVQAEGEAEAAK	AGAP009642-PA	-	83	7.56E-08	1	1215.623	0.9	Ovary	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_107576	IVQAEGEAEAAK	AGAP009642-PA	-	89	1.67E-08	1	1215.622	0.5	Malpighian tubule	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_109148	QVAQQEAQQAAFLVER	AGAP009642-PA	-	137	2.83E-13	1	1815.938	1.81	Malpighian tubule	3R:-:37486956-37486909	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_111555	AADFNIILDDVSLTELSFGR	AGAP009642-PA	-	101	9.11E-10	1	2196.120	0.58	Ovary	3R:-:37487043-37486984	exon=> In CDS Exon 2 of transcript AGAP009642-PA

JHU_Ag_113669	IVQAEGEAEAAK	AGAP009642-PA	-	94	5.61E-09	1	1215.620	-1.41	Midgut	3R:-:37486884-37486849	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_114881	IGGVGDDVFSEGLHFR	AGAP009642-PA	-	91	1.41E-08	1	1704.845	6.29	Salivary gland	3R:-:37487391-37487344	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_115223	VPWFQYPIIYDIR	AGAP009642-PA	-	80	9.88E-08	1	1709.909	2.52	Ovary	3R:-:37487343-37487305	exon=> In CDS Exon 2 of transcript AGAP009642-PA
JHU_Ag_115471	VLAAVGAAAYGIK	AGAP009642-PA	-	83	1.45E-08	1	1203.709	-0.51	Ovary	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_116620	VLAAVGAAAYGIK	AGAP009642-PA	-	94	1.16E-09	1	1203.712	2.33	Salivary gland	3R:-:37487895-37487857	exon=> In CDS Exon 1 of transcript AGAP009642-PA
JHU_Ag_31274	CGNENLVNHIK	AGAP009643-PA	C1(Carbamidomethyl), N3(Deamidated), N5(Deamidated), N8(Deamidated)	30	0.006082398	1	1300.571	-9.52	Head	3R:+:37499171-37499203	exon=> In CDS Exon 3 of transcript AGAP009643-PA
JHU_Ag_14301	LAELTGDENSGESSR	AGAP009644-PA	-	104	4.67E-10	2	1564.712	1.91	Malpighian tubule	3R:+:37509160-37509168,37509241-37509276	exon=> In CDS Exon 1 and 2 of transcript AGAP009644-PA
JHU_Ag_21435	TFVFEDEGHTLGNVLK	AGAP009644-PA	-	36	0.003572969	3	1805.906	-0.29	Midgut	3R:+:37509277-37509324	exon=> In CDS Exon 2 of transcript AGAP009644-PA
JHU_Ag_47110	TFVFEDEGHTLGNVLK	AGAP009644-PA	-	77	2.95E-07	1	1805.906	-0.29	Ovary	3R:+:37509277-37509324	exon=> In CDS Exon 2 of transcript AGAP009644-PA
JHU_Ag_70429	VCDHTIDTFEAAVAK	AGAP009644-PA	C2(Carbamidomethyl)	53	8.94E-05	1	1676.794	-0.67	Ovary	3R:+:37509537-37509581	exon=> In CDS Exon 3 of transcript AGAP009644-PA
JHU_Ag_14622	FLRPSVWSLIGAADEQHQTQLR	AGAP009645-PA	-	138	1.26E-13	1	2552.341	1.58	Ovary	3R:-:37512828-37512763	exon=> In CDS Exon 6 of transcript AGAP009645-PA
JHU_Ag_15827	SVVQLSWVIPK	AGAP009645-PA	-	43	0.000166812	2	1255.745	2.97	Malpighian tubule	3R:-:37512116-37512084	exon=> In CDS Exon 8 of transcript AGAP009645-PA
JHU_Ag_22209	DLFHSPPSFK	AGAP009645-PA	-	51	0.000158948	1	1174.590	0.92	Ovary	3R:-:37512146-37512117	exon=> In CDS Exon 8 of transcript AGAP009645-PA
JHU_Ag_22884	NYEILSDAKEK	AGAP009645-PA	-	41	0.001338199	1	1309.664	0.39	Ovary	3R:-:37513991-37513959	exon=> In CDS Exon 1 of transcript AGAP009645-PA
JHU_Ag_48695	AVEDFIIAEVK	AGAP009645-PA	-	62	7.30E-06	2	1233.673	0.54	Salivary gland	3R:-:37513254-37513222	exon=> In CDS Exon 4 of transcript AGAP009645-PA
JHU_Ag_64514	AVEDFIIAEVK	AGAP009645-PA	-	54	5.54E-05	2	1233.677	3.31	Malpighian tubule	3R:-:37513254-37513222	exon=> In CDS Exon 4 of transcript AGAP009645-PA
JHU_Ag_66104	MDNTGDRIEK	AGAP009645-PA	N-Term(Acetyl), M1(Oxidation)	47	0.000190339	1	1236.555	2.35	Malpighian tubule	3R:-:37514030-37514001	exon=> In CDS Exon 1 of transcript AGAP009645-PA
JHU_Ag_69217	LASQFIGK	AGAP009645-PA	-	34	0.003086674	2	863.499	0.15	Ovary	3R:-:37513778-37513755	exon=> In CDS Exon 2 of transcript AGAP009645-PA
JHU_Ag_72782	SVVQLSWVIPK	AGAP009645-PA	-	70	3.31E-07	2	1255.741	-0.14	Ovary	3R:-:37512116-37512084	exon=> In CDS Exon 8 of transcript AGAP009645-PA
JHU_Ag_74527	ETTEHTPR	AGAP009645-PA	-	50	8.58E-05	2	970.459	0.09	Head	3R:-:37513561-37513538	exon=> In CDS Exon 3 of transcript AGAP009645-PA
JHU_Ag_77838	AVEDFIIAEVK	AGAP009645-PA	-	72	8.42E-07	2	1233.673	0.14	Male reproductive organs	3R:-:37513254-37513222	exon=> In CDS Exon 4 of transcript AGAP009645-PA
JHU_Ag_88279	IGEHEAEYKEILDAVK	AGAP009645-PA	-	47	0.00030722	2	1843.944	0.04	Ovary	3R:-:37513958-37514030,37513677-37513800	exon=> In CDS Exon 2 and 1 of transcript AGAP009645-PA
JHU_Ag_98346	TTSNISTLIR	AGAP009645-PA	-	38	0.001183471	2	1105.621	0.17	Male reproductive organs	3R:-:37512176-37512147	exon=> In CDS Exon 8 of transcript AGAP009645-PA
JHU_Ag_105626	RPSGGGGGGGNFR	AGAP009645-PA	-	53	7.54E-05	2	1175.569	1.81	Ovary	3R:-:37511724-37511686	exon=> In CDS Exon 9 of transcript AGAP009645-PA
JHU_Ag_108701	TLPGHVELVTLAAEQADLESDPGVLASDDETVER	AGAP009645-PA	-	41	0.000761679	1	3576.780	6.89	Malpighian tubule	3R:-:37513077-37512976	exon=> In CDS Exon 5 of transcript AGAP009645-PA
JHU_Ag_108773	TTSNISTLIR	AGAP009645-PA	-	59	1.10E-05	2	1105.624	2.6	Midgut	3R:-:37512176-37512147	exon=> In CDS Exon 8 of transcript AGAP009645-PA

JHU_Ag_111121	QAVDFLTFPENPAK	AGAP009645-PA	-	79	1.75E-07	1	1576.803	1.27	Ovary	3R:-:37512496-37512455	exon=> In CDS Exon 7 of transcript AGAP009645-PA
JHU_Ag_117159	AVEDFIIAEVK	AGAP009645-PA	-	84	4.63E-08	2	1233.673	0.44	Ovary	3R:-:37513254-37513222	exon=> In CDS Exon 4 of transcript AGAP009645-PA
JHU_Ag_117436	AVEDFIIAEVKK	AGAP009645-PA	-	66	1.30E-06	1	1361.764	-2.29	Ovary	3R:-:37513254-37513219	exon=> In CDS Exon 4 of transcript AGAP009645-PA
JHU_Ag_4297	IHHTVEQELEIALEEVKK	AGAP009648-PA	-	117	1.25E-11	1	2145.158	1.28	Visceras	3R:+:37604526-37604579	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_11449	ILQLVDNL	AGAP009648-PA	-	46	0.000165902	1	927.555	3.84	Malpighian tubule	3R:+:37604595-37604618	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_27837	FGFPFVVCVR	AGAP009648-PA	C8(Carbamidomethyl)	64	4.96E-06	2	1227.639	3.54	Malpighian tubule	3R:+:37604451-37604480	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_43278	LTDLNESYK	AGAP009648-PA	-	35	0.004082348	1	1082.537	0.87	Malpighian tubule	3R:+:37604342-37604361,37604438-37604444	exon=> In CDS Exon 1 and 2 of transcript AGAP009648-PA
JHU_Ag_56683	IHHTVEQELEIALEEVKK	AGAP009648-PA	-	93	3.40E-09	1	2145.162	3.33	Malpighian tubule	3R:+:37604526-37604579	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_77506	EASKFEVILR	AGAP009648-PA	-	51	5.91E-05	2	1191.676	2.05	Malpighian tubule	3R:+:37604481-37604510	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_88391	LTLQQLNVLSPGEFHK	AGAP009648-PA	-	81	5.03E-08	1	1823.999	-1.63	Visceras	3R:+:37604033-37604080	exon=> In CDS Exon 1 of transcript AGAP009648-PA
JHU_Ag_92976	IHHTVEQELEIALEEVKK	AGAP009648-PA	-	34	0.002710097	1	2145.159	2.03	Ovary	3R:+:37604526-37604579	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_96066	MLDTNQLSEDSTNEHASVGLDNLSPEDK	AGAP009648-PA	M1(Oxidation)	47	0.000197318	1	3075.376	1.97	Head	3R:+:37604252-37604335	exon=> In CDS Exon 1 of transcript AGAP009648-PA
JHU_Ag_96581	ILQLVDNL	AGAP009648-PA	-	41	0.000425453	1	927.552	1.54	Male reproductive organs	3R:+:37604595-37604618	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_100575	LTDLNESYKAK	AGAP009648-PA	-	39	0.001957385	1	1281.667	-1.18	Malpighian tubule	3R:+:37604342-37604361,37604438-37604450	exon=> In CDS Exon 1 and 2 of transcript AGAP009648-PA
JHU_Ag_108744	FGFPFVVCVR	AGAP009648-PA	C8(Carbamidomethyl)	64	4.39E-06	1	1227.635	0.75	Visceras	3R:+:37604451-37604480	exon=> In CDS Exon 2 of transcript AGAP009648-PA
JHU_Ag_6641	DLITTSLGTGAASAHNEPKPPVPWR	AGAP009649-PA	-	132	7.15E-13	1	2615.357	-0.11	Pupa	3R:+:37617895-37617969	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_16422	QALISQEER	AGAP009649-PA	-	51	0.000121842	2	1073.558	-0.31	Pupa	3R:+:37617868-37617894	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_25209	KTATFIASAVPMGCLLALCYIGCQR	AGAP009649-PA	M12(Oxidation), C14(Carbamidomethyl), C19(Carbamidomethyl), C23(Carbamidomethyl)	70	1.32E-06	1	2817.408	5.73	Larva	3R:+:37618213-37618287	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_27635	VAESFSAR	AGAP009649-PA	-	65	4.65E-06	2	866.438	1.89	Larva	3R:+:37617490-37617513	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_43682	MHYVAMIVMR	AGAP009649-PA	M1(Oxidation), M6(Oxidation), M9(Oxidation)	43	0.000633583	1	1298.608	2.01	Larva	3R:+:37617580-37617609	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_47262	QALISQEER	AGAP009649-PA	-	63	9.21E-06	2	1073.562	3.21	Larva	3R:+:37617868-37617894	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_68764	ITTTIAR	AGAP009649-PA	-	43	0.000145993	2	775.469	2.69	Larva	3R:+:37618192-37618212	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_77439	DLITTSLGTGAASAHNEPKPPVPWR	AGAP009649-PA	-	178	1.65E-17	1	2615.366	3.04	Larva	3R:+:37617895-37617969	exon=> In CDS Exon 3 of transcript AGAP009649-PA
JHU_Ag_84412	IGEGIGGGVTFPAMHVMLASWAPPNER	AGAP009649-PA	M14(Oxidation), M17(Oxidation)	207	2.50E-20	1	2826.378	2.61	Larva	3R:+:37617610-37617690	exon=> In CDS Exon 3 of transcript AGAP009649-PA

JHU_Ag_100809	GNVLGSLIPAR	AGAP009649-PA	-	56	7.42E-06	2	1096.647	-0.22	Larva	3R:+:37609680-37609695,37614347-37614363	exon=> In CDS Exon 1 and 2 of transcript AGAP009649-PA
JHU_Ag_112115	GNVLGSLIPAR	AGAP009649-PA	-	49	4.18E-05	2	1096.647	-0.55	Pupa	3R:+:37609680-37609695,37614347-37614363	exon=> In CDS Exon 1 and 2 of transcript AGAP009649-PA
JHU_Ag_3167	QALENIIDTK	AGAP009650-PA	-	40	0.001312517	1	1144.633	10.68	Visceras	3R:-:37619904-37619875	exon=> In CDS Exon 3 of transcript AGAP009650-PA
JHU_Ag_12921	TGCIDSFGDFIK	AGAP009651-PA	C3(Carbamidomethyl)	60	8.86E-06	2	1359.627	1.39	Head	3R:+:37624350-37624385	exon=> In CDS Exon 5 of transcript AGAP009651-PA
JHU_Ag_26543	QQTGAVGYVACPDPTSATLRK	AGAP009651-PA	C11(Carbamidomethyl)	90	1.33E-08	1	2220.112	1.81	Malpighian tubule	3R:+:37624209-37624218,37624297-37624349	exon=> In CDS Exon 4 and 5 of transcript AGAP009651-PA
JHU_Ag_55435	TGCIDSFGDFIK	AGAP009651-PA	C3(Carbamidomethyl)	52	7.07E-05	1	1359.630	3.45	Male reproductive organs	3R:+:37624350-37624385	exon=> In CDS Exon 5 of transcript AGAP009651-PA
JHU_Ag_59579	KTGCIDSFGDFIK	AGAP009651-PA	C4(Carbamidomethyl)	57	2.76E-05	2	1487.721	0.36	Midgut	3R:+:37624347-37624385	exon=> In CDS Exon 5 of transcript AGAP009651-PA
JHU_Ag_62588	TGCIDSFGDFIK	AGAP009651-PA	C3(Carbamidomethyl)	70	9.16E-07	2	1359.625	0.22	Midgut	3R:+:37624350-37624385	exon=> In CDS Exon 5 of transcript AGAP009651-PA
JHU_Ag_65188	TGCIDSFGDFIK	AGAP009651-PA	C3(Carbamidomethyl)	44	0.000344924	1	1359.629	2.73	Malpighian tubule	3R:+:37624350-37624385	exon=> In CDS Exon 5 of transcript AGAP009651-PA
JHU_Ag_71941	QQTGAVGYVACPDPTSATLR	AGAP009651-PA	C11(Carbamidomethyl)	101	1.16E-09	2	2092.012	-0.64	Midgut	3R:+:37624209-37624218,37624297-37624346	exon=> In CDS Exon 4 and 5 of transcript AGAP009651-PA
JHU_Ag_96611	ELVSNALNSSMK	AGAP009651-PA	M11(Oxidation)	39	0.00210376	2	1308.645	-1.25	Midgut	3R:+:37623941-37623976	exon=> In CDS Exon 3 of transcript AGAP009651-PA
JHU_Ag_110	GGYQNIPFK	AGAP009652-PA	-	38	0.002236252	2	1023.525	-0.75	Head	3R:-:37625830-37625804	exon=> In CDS Exon 1 of transcript AGAP009652-PA
JHU_Ag_1831	LVEPTFQEFYVHTDYK	AGAP009652-PA	-	121	1.23E-11	2	2015.979	1.96	Malpighian tubule	3R:-:37625324-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_2231	DKLVEPTFQEFYVHTDYK	AGAP009652-PA	-	53	8.63E-05	1	2259.089	-3.43	Male reproductive organs	3R:-:37625330-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_5205	NRDEEAELMK	AGAP009652-PA	M9(Oxidation)	39	0.001449392	1	1250.571	2.2	Male reproductive organs	3R:-:37625491-37625462	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_5839	DKLVEPTFQEFYVHTDYK	AGAP009652-PA	-	106	4.12E-10	1	2259.104	3.06	Malpighian tubule	3R:-:37625330-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_11267	NVIYPLLLAER	AGAP009652-PA	-	51	3.89E-05	2	1300.763	0.26	Male reproductive organs	3R:-:37625554-37625522	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_12010	NVIYPLLLAER	AGAP009652-PA	-	72	2.97E-07	1	1300.765	1.86	Malpighian tubule	3R:-:37625554-37625522	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_12914	NVEGWEVGTWYGEPVFK	AGAP009652-PA	-	131	1.14E-12	1	1996.949	2.56	Visceras	3R:-:37625461-37625664,37625238-37625343	exon=> In CDS Exon 3 and 2 of transcript AGAP009652-PA
JHU_Ag_17552	LQDLPPK	AGAP009652-PA	-	46	7.35E-05	2	810.474	1.9	Male reproductive organs	3R:-:37625851-37625831	exon=> In CDS Exon 1 of transcript AGAP009652-PA
JHU_Ag_17881	DKLVEPTFQEFYVHTDYK	AGAP009652-PA	-	116	4.54E-11	1	2259.095	-1	Midgut	3R:-:37625330-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_21524	NVIYPLLLAER	AGAP009652-PA	-	63	2.32E-06	1	1300.763	0.73	Ovary	3R:-:37625554-37625522	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_21623	NVIYPLLLAER	AGAP009652-PA	-	67	6.45E-07	1	1300.768	4.11	Visceras	3R:-:37625554-37625522	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_22814	NVEGWEVGTWYGEPVFK	AGAP009652-PA	-	122	8.81E-12	1	1996.947	1.52	Malpighian tubule	3R:-:37625461-37625664,37625238-37625343	exon=> In CDS Exon 3 and 2 of transcript AGAP009652-PA
JHU_Ag_24246	LVEPTFQEFYVHTDYK	AGAP009652-PA	-	36	0.003823999	1	2015.982	3.32	Ovary	3R:-:37625324-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA

JHU_Ag_29121	LVEPTFQEFYVHTDYK	AGAP009652-PA	-	119	2.03E-11	1	2015.975	0.15	Midgut	3R:-:37625324-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_34190	LVEPTFQEFYVHTDYK	AGAP009652-PA	-	115	5.36E-11	2	2015.982	3.36	Head	3R:-:37625324-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_37656	NVEGWEVGTWYGEPVFK	AGAP009652-PA	-	130	1.28E-12	1	1996.942	-0.99	Midgut	3R:-:37625461-37625664,37625238-37625343	exon=> In CDS Exon 3 and 2 of transcript AGAP009652-PA
JHU_Ag_49888	NVEGWEVGTWYGEPVFK	AGAP009652-PA	-	87	2.85E-08	1	1996.934	-4.9	Male reproductive organs	3R:-:37625461-37625664,37625238-37625343	exon=> In CDS Exon 3 and 2 of transcript AGAP009652-PA
JHU_Ag_51238	NVEGWEVGTWYGEPVFK	AGAP009652-PA	-	74	6.13E-07	1	1996.952	3.96	Ovary	3R:-:37625461-37625664,37625238-37625343	exon=> In CDS Exon 3 and 2 of transcript AGAP009652-PA
JHU_Ag_55902	DKLVEPTFQEFYVHTDYK	AGAP009652-PA	-	123	8.16E-12	1	2259.101	1.6	Head	3R:-:37625330-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_61826	LVEPTFQEFYVHTDYK	AGAP009652-PA	-	66	4.01E-06	1	2015.981	2.93	Male reproductive organs	3R:-:37625324-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_63739	LVEPTFQEFYVHTDYKHMAQR	AGAP009652-PA	M18(Oxidation)	61	1.13E-05	1	2655.266	-0.04	Head	3R:-:37625324-37625262	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_68323	NRDEEAELMK	AGAP009652-PA	-	67	2.58E-06	1	1234.576	2.26	Malpighian tubule	3R:-:37625491-37625462	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_69723	LQDLPPK	AGAP009652-PA	-	37	0.000356849	1	810.471	-1.63	Head	3R:-:37625851-37625831	exon=> In CDS Exon 1 of transcript AGAP009652-PA
JHU_Ag_74383	NVIYPLLLAER	AGAP009652-PA	-	52	3.70E-05	2	1300.759	-2.37	Midgut	3R:-:37625554-37625522	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_74532	LQDLPPK	AGAP009652-PA	-	47	6.57E-05	2	810.474	1.9	Visceras	3R:-:37625851-37625831	exon=> In CDS Exon 1 of transcript AGAP009652-PA
JHU_Ag_75046	GGYQNIPFK	AGAP009652-PA	-	52	9.02E-05	2	1023.522	-3.38	Midgut	3R:-:37625830-37625804	exon=> In CDS Exon 1 of transcript AGAP009652-PA
JHU_Ag_80686	NRDEEAELMK	AGAP009652-PA	-	72	7.88E-07	1	1234.572	-0.7	Midgut	3R:-:37625491-37625462	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_81271	NVIYPLLLAER	AGAP009652-PA	-	63	2.14E-06	1	1300.764	0.92	Head	3R:-:37625554-37625522	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_81513	LVEPTFQEFYVHTDYK	AGAP009652-PA	-	93	7.44E-09	1	2015.976	0.39	Visceras	3R:-:37625324-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_83177	GGYQNIPFK	AGAP009652-PA	-	54	4.97E-05	1	1023.526	0.08	Visceras	3R:-:37625830-37625804	exon=> In CDS Exon 1 of transcript AGAP009652-PA
JHU_Ag_87160	DREYLK	AGAP009652-PA	-	31	0.009388069	1	823.427	-4.42	Head	3R:-:37625521-37625504	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_89146	DKLVEPTFQEFYVHTDYK	AGAP009652-PA	-	118	2.47E-11	1	2259.103	2.73	Visceras	3R:-:37625330-37625277	exon=> In CDS Exon 3 of transcript AGAP009652-PA
JHU_Ag_89328	LQDLPPK	AGAP009652-PA	-	64	1.24E-06	2	810.473	0.84	Midgut	3R:-:37625851-37625831	exon=> In CDS Exon 1 of transcript AGAP009652-PA
JHU_Ag_97330	NVEGWEVGTWYGEPVFK	AGAP009652-PA	-	121	1.04E-11	1	1996.946	0.97	Head	3R:-:37625461-37625664,37625238-37625343	exon=> In CDS Exon 3 and 2 of transcript AGAP009652-PA
JHU_Ag_100827	NRDEEAELMK	AGAP009652-PA	M9(Oxidation)	71	7.61E-07	2	1250.563	-4.44	Head	3R:-:37625491-37625462	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_107359	NRDEEAELMK	AGAP009652-PA	M9(Oxidation)	67	2.22E-06	1	1250.570	1.81	Visceras	3R:-:37625491-37625462	exon=> In CDS Exon 2 of transcript AGAP009652-PA
JHU_Ag_4525	LSVIK	AGAP009655-PA	-	32	0.002193149	1	559.381	0.12	Salivary gland	3R:+:37629063-37629077	exon=> In CDS Exon 1 of transcript AGAP009655-PA
JHU_Ag_97805	LLFDLR	AGAP009655-PA	-	30	0.002448913	2	776.465	-2.12	Midgut	3R:+:37632772-37632789	exon=> In CDS Exon 9 of transcript AGAP009655-PA
JHU_Ag_26999	AYQDCLNIIPHHEEAQNSLDFLK	AGAP009659-PA	C5(Carbamidomethyl)	117	2.81E-11	1	2755.342	9.95	Ovary	3R:-:37673183-37673115	exon=> In CDS Exon 5 of transcript AGAP009659-PA

JHU_Ag_42437	AVEDFETALKLNPSHANAR	AGAP009659-PA	-	73	6.56E-07	1	2083.067	4.69	Malpighian tubule	3R:-:37673315-37673259	exon=> In CDS Exon 5 of transcript AGAP009659-PA
JHU_Ag_63306	SGPVVLDK	AGAP009659-PA	-	50	7.80E-05	2	814.470	3.48	Ovary	3R:-:37670141-37670118	exon=> In CDS Exon 8 of transcript AGAP009659-PA
JHU_Ag_107107	LASADAPSAAGGSKPPEPSAAPPMR	AGAP009659-PA	M24(Oxidation)	69	1.88E-06	1	2349.150	-0.23	Head	3R:-:37670102-37670028	exon=> In CDS Exon 8 of transcript AGAP009659-PA
JHU_Ag_5811	HISSGDLLR	AGAP009660-PA	-	55	2.67E-05	1	997.539	-3.46	Head	3R:-:37679842-37679816	exon=> In CDS Exon 1 of transcript AGAP009660-PA
JHU_Ag_28409	SHSWLLDGFPR	AGAP009660-PA	-	67	2.46E-06	1	1314.664	3.98	Ovary	3R:-:37679695-37679663	exon=> In CDS Exon 1 of transcript AGAP009660-PA
JHU_Ag_45748	SHSWLLDGFPR	AGAP009660-PA	-	39	0.001543615	1	1314.661	1.58	Malpighian tubule	3R:-:37679695-37679663	exon=> In CDS Exon 1 of transcript AGAP009660-PA
JHU_Ag_48786	HISSGDLLR	AGAP009660-PA	-	40	0.000741415	1	997.542	-0.77	Ovary	3R:-:37679842-37679816	exon=> In CDS Exon 1 of transcript AGAP009660-PA
JHU_Ag_54565	ASGKLFR	AGAP009660-PA	N-Term(Acetyl)	41	0.000728058	2	820.468	0.41	Malpighian tubule	3R:-:37679938-37679918	exon=> In CDS Exon 1 of transcript AGAP009660-PA
JHU_Ag_66150	RLEVYDACTRPINEYFDK	AGAP009660-PA	C8(Carbamidomethyl)	35	0.005142658	1	2289.108	4.92	Ovary	3R:-:37679431-37679378	exon=> In CDS Exon 2 of transcript AGAP009660-PA
JHU_Ag_74288	EQADDLWNQER	AGAP009660-PA	-	71	4.96E-07	2	1403.618	-0.41	Male reproductive organs	3R:-:37679656-37679624	exon=> In CDS Exon 1 of transcript AGAP009660-PA
JHU_Ag_88686	RTELGLIADK	AGAP009660-PA	-	34	0.003891493	1	1115.639	-2.25	Head	3R:-:37679800-37679771	exon=> In CDS Exon 1 of transcript AGAP009660-PA
JHU_Ag_36076	NTNFADVQALAR	AGAP009665-PA	-	42	0.001010176	2	1319.672	0.95	Male reproductive organs	3R:-:37901512-37901477	exon=> In CDS Exon 3 of transcript AGAP009665-PA
JHU_Ag_61217	LDVEVQLAK	AGAP009665-PA	-	59	1.55E-05	2	1014.583	-0.29	Ovary	3R:-:37901776-37901750	exon=> In CDS Exon 2 of transcript AGAP009665-PA
JHU_Ag_88204	NTNFADVQALAR	AGAP009665-PA	-	93	8.09E-09	1	1319.670	-0.53	Ovary	3R:-:37901512-37901477	exon=> In CDS Exon 3 of transcript AGAP009665-PA
JHU_Ag_1247	LVLMTELQK	AGAP009667-PA	M4(Oxidation)	49	9.52E-05	2	1090.617	-0.22	Ovary	3R:-:38038839-38038813	exon=> In CDS Exon 3 of transcript AGAP009667-PA
JHU_Ag_10839	QMELVTQLNDAK	AGAP009667-PA	M2(Oxidation)	75	5.35E-07	1	1405.702	1.85	Ovary	3R:-:38038996-38038961	exon=> In CDS Exon 2 of transcript AGAP009667-PA
JHU_Ag_12693	FILEQYELR	AGAP009667-PA	-	64	3.03E-06	1	1210.647	0.17	Ovary	3R:-:38039050-38039024	exon=> In CDS Exon 2 of transcript AGAP009667-PA
JHU_Ag_36337	SRWETSNATVQK	AGAP009667-PA	-	38	0.00278721	2	1406.704	1.04	Pupa	3R:-:38038534-38038499	exon=> In CDS Exon 4 of transcript AGAP009667-PA
JHU_Ag_50055	YGEFQDSLKK	AGAP009667-PA	-	42	0.000747834	1	1214.604	-1.23	Ovary	3R:-:38038737-38038708	exon=> In CDS Exon 3 of transcript AGAP009667-PA
JHU_Ag_75184	MKTLEK	AGAP009667-PA	M1(Oxidation)	33	0.003290962	1	765.414	-4.95	Pupa	3R:-:38038570-38038553	exon=> In CDS Exon 4 of transcript AGAP009667-PA
JHU_Ag_84945	QLADLQSVESHLR	AGAP009667-PA	-	48	0.000164962	1	1495.784	-1.68	Ovary	3R:-:38038803-38038765	exon=> In CDS Exon 3 of transcript AGAP009667-PA
JHU_Ag_85802	MKTLEK	AGAP009667-PA	M1(Oxidation)	34	0.005489214	1	765.417	-0.4	Larva	3R:-:38038570-38038553	exon=> In CDS Exon 4 of transcript AGAP009667-PA
JHU_Ag_88965	TIKDESLAQIQQEEEK	AGAP009667-PA	-	64	6.03E-06	1	1888.950	-0.03	Ovary	3R:-:38039291-38039244	exon=> In CDS Exon 1 of transcript AGAP009667-PA
JHU_Ag_95382	FQQSLNDIQAVMNENNDK	AGAP009667-PA	Q2(Deamidated), Q3(Deamidated), N6(Deamidated), M12(Oxidation), N13(Deamidated), N15(Deamidated), N16(Deamidated)	34	0.001429645	2	2129.888	8.37	Head	3R:-:38039222-38039169	exon=> In CDS Exon 1 of transcript AGAP009667-PA
JHU_Ag_112230	MLDEQIER	AGAP009667-PA	M1(Oxidation)	45	0.000530446	2	1049.495	1.94	Ovary	3R:-:38038498-38038475	exon=> In CDS Exon 4 of transcript AGAP009667-PA

JHU_Ag_4880	LQLEAFHR	AGAP009668-PA	-	54	3.43E-05	1	1013.556	3.6	Larva	3R:-:38042512-38042489	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_6189	TPLEMSYHCNK	AGAP009668-PA	C9(Carbamidomethyl)	84	2.82E-08	1	1379.613	3.57	Malpighian tubule	3R:-:38042611-38042579	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_18789	TPLEMSYHCNK	AGAP009668-PA	C9(Carbamidomethyl),"M5(Oxidation), C9(Carbamidomethyl)"	81	5.13E-08	1	1379.608	-0.14	Pupa	3R:-:38042611-38042579	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_22581	LQLEAFHR	AGAP009668-PA	-	41	0.000701662	1	1013.552	-0.43	Midgut	3R:-:38042512-38042489	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_24542	LQLEAFHR	AGAP009668-PA	-	40	0.000863881	1	1013.555	2.7	Malpighian tubule	3R:-:38042512-38042489	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_35084	LQLEAFHR	AGAP009668-PA	-	48	0.000139366	1	1013.553	0.71	Ovary	3R:-:38042512-38042489	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_37996	TPLEMSYHCNK	AGAP009668-PA	M5(Oxidation), C9(Carbamidomethyl)	76	1.36E-07	1	1395.602	-0.52	Midgut	3R:-:38042611-38042579	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_38544	LQLEAFHR	AGAP009668-PA	-	39	0.00095095	1	1013.553	0.05	Male reproductive organs	3R:-:38042512-38042489	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_40130	LQLEAFHR	AGAP009668-PA	-	49	0.000131366	1	1013.552	-1.21	Head	3R:-:38042512-38042489	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_55603	LQLEAFHR	AGAP009668-PA	-	58	1.25E-05	1	1013.553	0.47	Salivary gland	3R:-:38042512-38042489	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_67261	TPLEMSYHCNK	AGAP009668-PA	M5(Oxidation), C9(Carbamidomethyl)	37	0.001108167	1	1395.596	-4.81	Head	3R:-:38042611-38042579	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_102393	TPLEMSYHCNK	AGAP009668-PA	C9(Carbamidomethyl)	72	4.23E-07	1	1379.608	-0.32	Salivary gland	3R:-:38042611-38042579	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_111220	TPLEMSYHCNK	AGAP009668-PA	M5(Oxidation), C9(Carbamidomethyl)	77	1.21E-07	1	1395.607	2.98	Larva	3R:-:38042611-38042579	exon=> In CDS Exon 4 of transcript AGAP009668-PA
JHU_Ag_13343	VLQQLGVSSLFQAER	AGAP009670-PA	-	55	2.55E-05	2	1674.922	2.83	Head	3R:+:38150785-38150829	exon=> In CDS Exon 2 of transcript AGAP009670-PA
JHU_Ag_85325	AHEITLANGIFVQR	AGAP009670-PA	-	96	1.90E-09	1	1568.858	2.41	Head	3R:+:38150182-38150223	exon=> In CDS Exon 2 of transcript AGAP009670-PA
JHU_Ag_108483	VLQQLGVSSLFQAER	AGAP009670-PA	-	54	3.06E-05	2	1674.923	3.56	Malpighian tubule	3R:+:38150785-38150829	exon=> In CDS Exon 2 of transcript AGAP009670-PA
JHU_Ag_7615	VLGVPYR	AGAP009670-PB	-	35	0.001395538	2	803.478	0.27	Pupa	3R:+:38153569-38153589	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_23606	NVLQQLGVYTLFER	AGAP009670-PB	-	90	6.70E-09	2	1679.911	-0.1	Midgut	3R:+:38153764-38153805	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_31828	FGGDPLDLLEVLQDTK	AGAP009670-PB	-	59	1.55E-05	2	1759.914	1.57	Salivary gland	3R:+:38153854-38153901	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_43357	SELKPLDFVGDETGSVR	AGAP009670-PB	-	77	3.17E-07	1	1848.936	0.99	Pupa	3R:+:38153260-38153310	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_73767	NVLQQLGVYTLFER	AGAP009670-PB	-	90	7.46E-09	1	1679.914	1.5	Head	3R:+:38153764-38153805	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_73777	SELKPLDFVGDETGSVR	AGAP009670-PB	-	71	1.31E-06	1	1848.940	3.17	Midgut	3R:+:38153260-38153310	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_75723	FGGDPLDLLEVLQDTK	AGAP009670-PB	-	81	1.08E-07	2	1759.903	-4.88	Midgut	3R:+:38153854-38153901	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_101119	DLYKSELKPLDFVGDETGSVR	AGAP009670-PB	-	70	1.41E-06	1	2368.217	5.71	Pupa	3R:+:38153248-38153310	exon=> In CDS Exon 2 of transcript AGAP009670-PB
JHU_Ag_13813	LFQDLVSNDPSLEPLVTWR	AGAP009670-PB,AGAP009670-PA	-	79	1.59E-07	1	2229.163	3.6	Head	3R:+:38145680-38145736;3R:+:38145680-38145736	exon=> In CDS Exon 1 of transcript AGAP009670-PB;exon=> In CDS Exon 1 of transcript AGAP009670-PA
JHU_Ag_13947	KVSDSVTNLAAK	AGAP009670-PB,AGAP009670-PA	-	74	4.78E-07	2	1232.683	-1.13	Pupa	3R:+:38145461-38145496;3R:+:38145461-38145496	exon=> In CDS Exon 1 of transcript AGAP009670-PB;exon=> In CDS Exon 1 of transcript AGAP009670-PA

JHU_Ag_103987	KVSDSVTNLAAK	AGAP009670-PB,AGAP009670-PA	-	54	3.63E-05	2	1232.686	1.44	Head	3R:+:38145461-38145496;3R:+:38145461-38145496	exon=> In CDS Exon 1 of transcript AGAP009670-PB;exon=> In CDS Exon 1 of transcript AGAP009670-PA
JHU_Ag_13274	EGGDGGGGDTSVAAASPTSEGAESDANNK	AGAP009672-PA	-	89	4.84E-09	2	2608.090	0.86	Head	3R:-:38190593-38190507	exon=> In CDS Exon 2 of transcript AGAP009672-PA
JHU_Ag_28223	AAAADEATKK	AGAP009672-PA	-	54	8.62E-05	1	975.510	-0.76	Salivary gland	3R:-:38190461-38190432	exon=> In CDS Exon 2 of transcript AGAP009672-PA
JHU_Ag_52063	EGVVAEGTGK	AGAP009672-PA	-	53	9.40E-05	2	946.484	-0.39	Head	3R:-:38198506-38198477	exon=> In CDS Exon 1 of transcript AGAP009672-PA
JHU_Ag_106986	TLENGSNDESLNDSK	AGAP009672-PA	N4(Deamidated)	116	2.19E-11	1	1622.716	1.1	Head	3R:-:38190506-38190462	exon=> In CDS Exon 2 of transcript AGAP009672-PA
JHU_Ag_6225	FANVIASLNPNAAR	AGAP009673-PA	-	65	4.09E-06	2	1457.787	0.45	Male reproductive organs	3R:+:38249070-38249111	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_25559	GVPILHVIPSPFPEVWHK	AGAP009673-PA	-	45	0.000140151	1	2052.145	0.87	Midgut	3R:+:38249628-38249681	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_37359	NLVLACHYDSK	AGAP009673-PA	C6(Carbamidomethyl)	60	1.66E-05	1	1319.639	-2.04	Male reproductive organs	3R:+:38249112-38249144	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_44455	GVPILHVIPSPFPEVWHK	AGAP009673-PA	-	52	2.77E-05	1	2052.146	1.23	Male reproductive organs	3R:+:38249628-38249681	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_52280	GVPILHVIPSPFPEVWHK	AGAP009673-PA	-	34	0.001646634	1	2052.153	4.8	Malpighian tubule	3R:+:38249628-38249681	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_69379	RGVPILHVIPSPFPEVWHK	AGAP009673-PA	-	39	0.000265729	1	2208.244	-0.16	Male reproductive organs	3R:+:38249625-38249681	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_78301	LEDNADIVDVPTVR	AGAP009673-PA	-	102	8.86E-10	1	1555.797	0.31	Male reproductive organs	3R:+:38249682-38249723	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_112761	NYIVQQMQR	AGAP009673-PA	M7(Oxidation)	48	0.000217414	1	1195.592	3.01	Male reproductive organs	3R:+:38248980-38249006	exon=> In CDS Exon 2 of transcript AGAP009673-PA
JHU_Ag_1673	VQLLIR	AGAP009674-PA	Q2(Deamidated)	31	0.004115551	2	742.483	1.28	Malpighian tubule	3R:+:38246562-38246579	exon=> In CDS Exon 2 of transcript AGAP009674-PA
JHU_Ag_105359	VQLLIR	AGAP009674-PA	-	27	0.004617668	1	741.501	4.44	Larva	3R:+:38246562-38246579	exon=> In CDS Exon 2 of transcript AGAP009674-PA
JHU_Ag_43263	HIILK	AGAP009677-PA	-	26	0.001459322	1	623.424	-0.56	Head	3R:+:38308094-38308108	exon=> In CDS Exon 2 of transcript AGAP009677-PA
JHU_Ag_40602	AYGTNYVETLR	AGAP009680-PA	-	43	0.000633465	2	1286.638	0.42	Male reproductive organs	3R:+:38396034-38396066	exon=> In CDS Exon 2 of transcript AGAP009680-PA
JHU_Ag_50017	LYSEDELPAEFK	AGAP009680-PA	-	70	1.53E-06	2	1440.690	0.61	Male reproductive organs	3R:+:38396118-38396153	exon=> In CDS Exon 2 of transcript AGAP009680-PA
JHU_Ag_2513	DGHQIALAQSFAK	AGAP009685-PA	-	105	3.57E-10	1	1385.714	-2.67	Head	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_3409	AGAFSLVTGSK	AGAP009685-PA	-	65	3.17E-06	2	1037.563	-0.09	Midgut	3R:-:38661781-38661749	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_4213	INLGVGAYR	AGAP009685-PA	-	57	2.16E-05	1	962.541	-1.18	Ovary	3R:-:38666887-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_4429	INLGVGAYR	AGAP009685-PA	-	58	1.74E-05	2	962.541	-0.54	Visceras	3R:-:38666887-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_5201	NLFPFFDMAYQGFASGDVDKDALAVR	AGAP009685-PA	M8(Oxidation)	53	7.04E-05	1	2910.379	0.61	Midgut	3R:-:38661934-38661857	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_6283	DGHQIALAQSFAK	AGAP009685-PA	-	102	8.34E-10	1	1385.718	0.59	Male reproductive organs	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_7224	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	115	4.45E-11	1	1969.998	2.98	Male reproductive organs	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_7709	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	40	0.000682745	1	1851.003	-1.4	Pupa	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_8548	NMGLYGER	AGAP009685-PA	M2(Oxidation)	46	0.000199371	2	939.436	0.94	Malpighian tubule	3R:-:38661805-38661782	exon=> In CDS Exon 3 of transcript AGAP009685-PA

JHU_Ag_10271	DGHQIALAQSFAK	AGAP009685-PA	-	75	4.28E-07	1	1385.719	1.03	Visceras	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_11795	AGAFSLVTGSKDEADR	AGAP009685-PA	-	78	2.49E-07	1	1623.799	0.8	Salivary gland	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_12348	LVAEILGDK	AGAP009685-PA	-	59	1.95E-05	2	957.561	-0.52	Visceras	3R:-:38661667-38661641	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_12974	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	101	9.45E-10	1	1969.988	-2.16	Midgut	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_14101	DGHQIALAQSFAK	AGAP009685-PA	-	95	4.07E-09	1	1385.717	-0.03	Pupa	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_14537	NLFPFFDMAYQGFASGDVDKDALAVR	AGAP009685-PA	M8(Oxidation)	43	0.000692128	1	2910.383	2	Malpighian tubule	3R:-:38661934-38661857	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_14823	QEWLGDVK	AGAP009685-PA	-	37	0.003368799	2	974.494	0.28	Midgut	3R:-:38661631-38661608	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_15985	HSILLALGESSEHVANGLNATVQGISGTGALR	AGAP009685-PA	N16(Deamidated)	140	6.24E-14	1	3172.675	1.15	Malpighian tubule	3R:-:38666743-38666648	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_19527	INLGVGAYR	AGAP009685-PA	-	52	7.20E-05	2	962.543	1.17	Pupa	3R:-:38666887-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_19875	SLRQEWLGDVK	AGAP009685-PA	-	73	8.76E-07	1	1330.714	1.86	Malpighian tubule	3R:-:38661640-38661608	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_20720	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	101	4.82E-10	1	1851.009	1.47	Malpighian tubule	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_21986	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	82	8.26E-08	1	1969.996	1.93	Pupa	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_22640	DDSGKPFVLPSVK	AGAP009685-PA	-	73	7.33E-07	1	1388.743	0.73	Salivary gland	3R:-:38666860-38666822	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_23316	NVGYLAEAIHAVTK	AGAP009685-PA	-	50	9.56E-05	1	1485.805	-0.84	Male reproductive organs	3R:-:38661394-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_26890	KINLGVGAYR	AGAP009685-PA	-	49	7.73E-05	2	1090.636	-0.37	Pupa	3R:-:38666890-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_27314	ISMAGVTSK	AGAP009685-PA	M3(Oxidation)	42	0.000711571	1	909.473	1.96	Malpighian tubule	3R:-:38661421-38661395	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_27321	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	72	8.81E-07	1	1969.995	1.62	Malpighian tubule	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_28826	AGAFSLVTGSK	AGAP009685-PA	-	87	1.91E-08	2	1037.565	1.91	Salivary gland	3R:-:38661781-38661749	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_30448	INLGVGAYR	AGAP009685-PA	-	52	6.16E-05	2	962.541	-0.54	Malpighian tubule	3R:-:38666887-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_31735	SIVLLHACAHNPTGVDPKPEQWAEMSALIK	AGAP009685-PA	C8(Carbamidomethyl)	40	0.001089697	1	3312.684	-0.84	Head	3R:-:38662030-38661941	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_32593	SIVLLHACAHNPTGVDPKPEQWAEMSALIK	AGAP009685-PA	C8(Carbamidomethyl)	57	2.02E-05	1	3312.686	-0.15	Midgut	3R:-:38662030-38661941	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_32620	LVAEILGDK	AGAP009685-PA	-	48	0.00022689	2	957.560	-1.6	Head	3R:-:38661667-38661641	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_32807	NLFPFFDMAYQGFASGDVDKDALAVR	AGAP009685-PA	M8(Oxidation)	68	2.25E-06	1	2894.386	1.41	Salivary gland	3R:-:38661934-38661857	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_33583	QLDHEYSPIGGTAEFCK	AGAP009685-PA	C16(Carbamidomethyl)	37	0.002323156	1	1951.887	0.79	Midgut	3R:-:38666794-38666744	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_35277	EFLRDGHQIALAQSFAK	AGAP009685-PA	-	71	8.92E-07	1	1931.019	3.04	Malpighian tubule	3R:-:38661856-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_35555	YYDPSTCGFDFAGALEDLSK	AGAP009685-PA	C7(Carbamidomethyl)	83	3.64E-08	2	2255.984	1.54	Visceras	3R:-:38666524-38666975,38661350-38662043	exon=> In CDS Exon 3 and 2 of transcript AGAP009685-PA
JHU_Ag_36344	KINLGVGAYR	AGAP009685-PA	-	72	3.37E-07	2	1090.637	0.3	Visceras	3R:-:38666890-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA

JHU_Ag_38976	INLGVGAYRDDSGKPFVLPSVK	AGAP009685-PA	-	114	1.69E-11	1	2332.272	2.7	Malpighian tubule	3R:-:38666887-38666822	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_40260	DGHQIALAQSFAK	AGAP009685-PA	-	58	1.88E-05	1	1385.717	-0.33	Midgut	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_40262	ISMAGVTSKNVGYLAEAIHAVTK	AGAP009685-PA	M3(Oxidation)	54	2.02E-05	1	2360.270	2.36	Malpighian tubule	3R:-:38661421-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_40392	ISMAGVTSK	AGAP009685-PA	-	37	0.002346984	2	893.475	-0.9	Midgut	3R:-:38661421-38661395	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_40395	AGAFSLVTGSKDEADR	AGAP009685-PA	-	105	5.32E-10	1	1623.798	0.32	Visceras	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_43530	LVAEILGDK	AGAP009685-PA	-	48	0.000201751	2	957.561	-0.27	Midgut	3R:-:38661667-38661641	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_43802	AGAFSLVTGSK	AGAP009685-PA	-	70	1.03E-06	2	1037.561	-1.86	Head	3R:-:38661781-38661749	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_44843	DDSGKPFVLPSVK	AGAP009685-PA	-	75	4.59E-07	1	1388.743	0.64	Male reproductive organs	3R:-:38666860-38666822	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_46997	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	68	9.21E-07	1	1835.010	-0.77	Midgut	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_47613	IGGAFLASFFPGPK	AGAP009685-PA	-	84	3.18E-08	1	1408.756	-4.8	Male reproductive organs	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_47987	NVGYLAEAIHAVTK	AGAP009685-PA	-	114	4.14E-11	1	1485.810	2.8	Malpighian tubule	3R:-:38661394-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_49167	IGGAFLASFFPGPK	AGAP009685-PA	-	99	1.18E-09	2	1408.760	-1.86	Midgut	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_49871	DDSGKPFVLPSVK	AGAP009685-PA	-	80	1.45E-07	1	1388.741	-0.77	Midgut	3R:-:38666860-38666822	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_50841	LSKEFSVYLTK	AGAP009685-PA	-	78	2.01E-07	1	1314.734	2.76	Malpighian tubule	3R:-:38661463-38661431	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_52048	QLDHEYSPIGGTAEFCK	AGAP009685-PA	C16(Carbamidomethyl)	51	9.25E-05	1	1951.886	0.41	Salivary gland	3R:-:38666794-38666744	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_53163	QLDHEYSPIGGTAEFCK	AGAP009685-PA	C16(Carbamidomethyl)	49	0.000150341	1	1951.887	0.6	Ovary	3R:-:38666794-38666744	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_54156	AGAFSLVTGSK	AGAP009685-PA	-	76	2.43E-07	2	1037.561	-1.86	Ovary	3R:-:38661781-38661749	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_54475	LVAEILGDKSLR	AGAP009685-PA	-	66	8.91E-07	1	1313.780	1.06	Malpighian tubule	3R:-:38661667-38661632	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_54829	HSGLNVK	AGAP009685-PA	-	39	0.000723035	2	754.421	0.08	Ovary	3R:-:38666554-38666534	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_56746	IGGAFLASFFPGPK	AGAP009685-PA	-	41	0.000670259	2	1408.764	1	Pupa	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_57201	YYDPSTCGFDFAGALEDLSK	AGAP009685-PA	C7(Carbamidomethyl)	115	1.95E-11	1	2255.983	1.1	Male reproductive organs	3R:-:38666524-38666975,38661350-38662043	exon=> In CDS Exon 3 and 2 of transcript AGAP009685-PA
JHU_Ag_57251	NVGYLAEAIHAVTK	AGAP009685-PA	-	86	2.57E-08	1	1485.810	2.97	Midgut	3R:-:38661394-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_57674	AGAFSLVTGSK	AGAP009685-PA	-	90	9.78E-09	1	1037.563	0.73	Malpighian tubule	3R:-:38661781-38661749	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_57703	YYDPSTCGFDFAGALEDLSK	AGAP009685-PA	C7(Carbamidomethyl)	126	1.50E-12	2	2255.981	0.24	Midgut	3R:-:38666524-38666975,38661350-38662043	exon=> In CDS Exon 3 and 2 of transcript AGAP009685-PA
JHU_Ag_58156	AGAFSLVTGSKDEADR	AGAP009685-PA	-	138	2.61E-13	1	1623.797	-0.28	Pupa	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_58319	EFLRDGHQIALAQSFAK	AGAP009685-PA	-	36	0.002846872	1	1931.019	2.72	Pupa	3R:-:38661856-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_60447	KINLGVGAYR	AGAP009685-PA	-	54	2.39E-05	1	1090.636	-1.15	Malpighian tubule	3R:-:38666890-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA

JHU_Ag_61682	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	88	1.91E-08	1	1969.993	0.56	Head	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_62048	IGGAFLASFFPGPK	AGAP009685-PA	-	85	2.24E-08	2	1408.765	1.78	Malpighian tubule	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_62707	AGAFSLVTGSKDEADR	AGAP009685-PA	-	116	4.48E-11	1	1623.799	0.69	Male reproductive organs	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_63198	AGAFSLVTGSKDEADR	AGAP009685-PA	-	103	8.60E-10	1	1623.795	-1.46	Malpighian tubule	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_63695	KINLGVGAYR	AGAP009685-PA	-	47	0.000113414	1	1090.638	0.98	Salivary gland	3R:-:38666890-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_65685	AGAFSLVTGSK	AGAP009685-PA	-	65	3.02E-06	1	1037.562	-0.44	Male reproductive organs	3R:-:38661781-38661749	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_65753	YYDPSTCGFDFAGALEDLSK	AGAP009685-PA	C7(Carbamidomethyl)	118	1.10E-11	1	2255.986	2.51	Salivary gland	3R:-:38666524-38666975,38661350-38662043	exon=> In CDS Exon 3 and 2 of transcript AGAP009685-PA
JHU_Ag_66778	HSILLALGESSEHVANGLNATVQGISGTGALR	AGAP009685-PA	-	122	5.04E-12	1	3172.667	-1.31	Ovary	3R:-:38666743-38666648	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_66825	HSILLALGESSEHVANGLNATVQGISGTGALR	AGAP009685-PA	-	119	7.11E-12	1	3172.686	4.69	Visceras	3R:-:38666743-38666648	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_67104	HSILLALGESSEHVANGLNATVQGISGTGALR	AGAP009685-PA	-	64	2.62E-06	1	3172.679	2.63	Midgut	3R:-:38666743-38666648	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_68179	AGAFSLVTGSKDEADR	AGAP009685-PA	-	60	1.87E-05	1	1623.795	-1.57	Head	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_68735	YYDPSTCGFDFAGALEDLSK	AGAP009685-PA	C7(Carbamidomethyl)	127	1.29E-12	1	2255.977	-1.28	Malpighian tubule	3R:-:38666524-38666975,38661350-38662043	exon=> In CDS Exon 3 and 2 of transcript AGAP009685-PA
JHU_Ag_68863	SIVLLHACAHNPTGVDPKPEQWAEMSALIK	AGAP009685-PA	C8(Carbamidomethyl)	62	6.82E-06	1	3312.693	1.91	Visceras	3R:-:38662030-38661941	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_69086	LVAEILGDK	AGAP009685-PA	-	73	6.82E-07	2	957.561	-0.33	Salivary gland	3R:-:38661667-38661641	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_69530	IGGAFLASFFPGPK	AGAP009685-PA	-	108	1.27E-10	1	1408.761	-0.82	Ovary	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_70640	DGHQIALAQSFAK	AGAP009685-PA	-	70	1.37E-06	1	1385.726	6.49	Salivary gland	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_70916	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	91	1.10E-08	1	1969.999	3.78	Larva	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_71254	AGAFSLVTGSK	AGAP009685-PA	-	90	9.49E-09	1	1037.562	-0.56	Pupa	3R:-:38661781-38661749	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_71411	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	36	0.001658905	1	1851.004	-0.98	Salivary gland	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_71735	LVAEILGDK	AGAP009685-PA	-	60	1.37E-05	2	957.561	-0.52	Male reproductive organs	3R:-:38661667-38661641	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_72522	DGHQIALAQSFAK	AGAP009685-PA	-	69	1.40E-06	1	1385.717	-0.06	Ovary	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_72553	AGAFSLVTGSKDEADR	AGAP009685-PA	-	78	2.51E-07	1	1623.798	0.12	Ovary	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_75588	KINLGVGAYR	AGAP009685-PA	-	55	2.07E-05	2	1090.637	0.08	Male reproductive organs	3R:-:38666890-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_76263	NMGLYGER	AGAP009685-PA	M2(Oxidation)	47	0.00013555	1	955.431	0.56	Ovary	3R:-:38661805-38661782	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_77335	DDSGKPFVLPSVK	AGAP009685-PA	-	89	1.99E-08	1	1388.742	-0.42	Pupa	3R:-:38666860-38666822	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_77650	LVAEILGDK	AGAP009685-PA	-	69	1.32E-06	1	957.563	1.77	Malpighian tubule	3R:-:38661667-38661641	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_79729	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	82	4.37E-08	1	1851.007	0.38	Male reproductive organs	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA

JHU_Ag_80313	SLRQEWLGDVK	AGAP009685-PA	-	64	6.73E-06	1	1330.712	0.3	Midgut	3R:-:38661640-38661608	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_80693	SLRQEWLGDVK	AGAP009685-PA	-	61	1.23E-05	2	1330.712	0.48	Pupa	3R:-:38661640-38661608	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_81866	LVAEILGDK	AGAP009685-PA	-	40	0.000967662	2	957.562	0.56	Pupa	3R:-:38661667-38661641	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_82109	DDSGKPFVLPSVK	AGAP009685-PA	-	83	7.55E-08	1	1388.745	1.78	Malpighian tubule	3R:-:38666860-38666822	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_85996	NVGYLAEAIHAVTK	AGAP009685-PA	-	95	3.85E-09	1	1485.806	0.01	Head	3R:-:38661394-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_85999	HSILLALGESSEHVANGLNATVQGISGTGALR	AGAP009685-PA	-	115	1.73E-11	1	3172.679	2.46	Head	3R:-:38666743-38666648	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_86352	HSGLNVK	AGAP009685-PA	-	46	0.000140202	2	754.420	-1.21	Head	3R:-:38666554-38666534	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_90588	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	67	1.36E-06	1	1851.009	1.47	Larva	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_90806	QLDHEYSPIGGTAEFCK	AGAP009685-PA	C16(Carbamidomethyl)	63	5.75E-06	1	1951.884	-0.72	Malpighian tubule	3R:-:38666794-38666744	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_92039	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	82	4.28E-08	1	1851.009	1.56	Head	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_94065	DDSGKPFVLPSVK	AGAP009685-PA	-	60	1.58E-05	1	1388.743	0.46	Head	3R:-:38666860-38666822	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_95251	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	41	0.000950393	1	1969.989	-1.73	Salivary gland	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_95843	EFSVYLTK	AGAP009685-PA	-	35	0.003467635	2	986.521	1.72	Malpighian tubule	3R:-:38661454-38661431	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_98145	KINLGVGAYR	AGAP009685-PA	-	39	0.000805146	3	1090.639	1.63	Ovary	3R:-:38666890-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_98234	NVGYLAEAIHAVTK	AGAP009685-PA	-	98	1.53E-09	1	1485.807	0.91	Ovary	3R:-:38661394-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_100193	YYDPSTCGFDFAGALEDLSK	AGAP009685-PA	C7(Carbamidomethyl)	154	2.29E-15	1	2255.978	-0.95	Ovary	3R:-:38666524-38666975,38661350-38662043	exon=> In CDS Exon 3 and 2 of transcript AGAP009685-PA
JHU_Ag_102220	LMADRIISVR	AGAP009685-PA	-	43	0.00028371	1	1173.677	0.05	Malpighian tubule	3R:-:38661607-38661578	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_102863	SLRQEWLGDVK	AGAP009685-PA	-	45	0.000464149	1	1330.715	2.59	Male reproductive organs	3R:-:38661640-38661608	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_103362	QLDHEYSPIGGTAEFCK	AGAP009685-PA	C16(Carbamidomethyl)	77	2.30E-07	2	1951.883	-1.18	Head	3R:-:38666794-38666744	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_103452	SIVLLHACAHNPTGVDPKPEQWAEMSALIK	AGAP009685-PA	C8(Carbamidomethyl)	61	7.64E-06	1	3312.696	2.8	Malpighian tubule	3R:-:38662030-38661941	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_103509	NVGYLAEAIHAVTK	AGAP009685-PA	-	41	0.00091209	1	1485.806	-0.1	Pupa	3R:-:38661394-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_104680	ILIRPMYSNPPIHGAR	AGAP009685-PA	M6(Oxidation)	63	3.10E-06	1	1851.008	0.97	Ovary	3R:-:38661715-38661668	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_104960	INLGVGAYR	AGAP009685-PA	-	52	7.44E-05	2	962.540	-2.13	Head	3R:-:38666887-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_105317	HSGLNVK	AGAP009685-PA	-	32	0.003112858	1	754.422	1.88	Malpighian tubule	3R:-:38666554-38666534	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_106297	IGGAFLASFFPGPK	AGAP009685-PA	-	115	2.60E-11	1	1408.766	2.56	Head	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_106591	NNLKELGSSR	AGAP009685-PA	-	65	5.00E-06	1	1117.597	0.6	Malpighian tubule	3R:-:38661565-38661536	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_106979	IGGAFLASFFPGPK	AGAP009685-PA	-	78	1.44E-07	2	1408.764	0.83	Salivary gland	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA

JHU_Ag_107631	AGAFSLVTGSKDEADR	AGAP009685-PA	-	119	2.28E-11	1	1623.797	-0.51	Midgut	3R:-:38661781-38661734	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_108314	INLGVGAYR	AGAP009685-PA	-	64	3.97E-06	2	962.542	0.47	Salivary gland	3R:-:38666887-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_109213	INLGVGAYR	AGAP009685-PA	-	48	0.000154 65	1	962.542	-0.23	Male reproductive organs	3R:-:38666887-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_109228	KINLGVGAYR	AGAP009685-PA	-	53	2.93E-05	1	1090.637	-0.26	Midgut	3R:-:38666890-38666861	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_113235	ISMAGVTSK	AGAP009685-PA	M3(Oxidation)	51	8.90E-05	2	909.473	2.16	Male reproductive organs	3R:-:38661421-38661395	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_113713	DGHQIALAQSFAK	AGAP009685-PA	-	105	3.78E-10	1	1385.718	0.68	Malpighian tubule	3R:-:38661844-38661806	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_114190	SLRQEWLGDVK	AGAP009685-PA	-	63	6.98E-06	1	1330.711	-0.25	Head	3R:-:38661640-38661608	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_114837	NVGYLAEAIHAVTK	AGAP009685-PA	-	107	2.36E-10	1	1485.812	4.28	Salivary gland	3R:-:38661394-38661353	exon=> In CDS Exon 3 of transcript AGAP009685-PA
JHU_Ag_114930	DIYLPTPSWGNHGPIFR	AGAP009685-PA	-	47	0.000293 16	1	1969.994	0.83	Visceras	3R:-:38666605-38666555	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_115021	IGGAFLASFFPGPK	AGAP009685-PA	-	66	2.16E-06	1	1408.767	2.91	Larva	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_115191	YYDPSTCGFDFAGALEDLSK	AGAP009685-PA	C7(Carbamidomethyl)	145	2.22E-14	1	2255.983	1.1	Head	3R:-:38666524-38666975,38661350-38662043	exon=> In CDS Exon 3 and 2 of transcript AGAP009685-PA
JHU_Ag_115777	IGGAFLASFFPGPK	AGAP009685-PA	-	61	5.35E-06	1	1408.769	4.55	Visceras	3R:-:38666647-38666606	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_116605	QLDHEYSPIGGTAEFCK	AGAP009685-PA	C16(Carbamidomethyl)	51	8.65E-05	1	1951.886	0.22	Visceras	3R:-:38666794-38666744	exon=> In CDS Exon 2 of transcript AGAP009685-PA
JHU_Ag_48015	FGMQLLMVAVAKK	AGAP009686-PA	Q4(Deamidated)	38	0.000438 067	2	1436.821	14.43	Midgut	3R:+:38669239-38669277	exon=> In CDS Exon 1 of transcript AGAP009686-PA
JHU_Ag_8321	MLPLSLLK	AGAP009687-PA	N-Term(Acetyl), M1(Oxidation)	41	0.000593 048	1	972.580	0.64	Ovary	3R:+:38670340-38670342,38670426-38670446	exon=> In CDS Exon 1 and 2 of transcript AGAP009687-PA
JHU_Ag_42316	LPLSLLK	AGAP009687-PA	-	33	0.000171 838	2	783.533	-1.21	Midgut	3R:+:38670426-38670446	exon=> In CDS Exon 2 of transcript AGAP009687-PA
JHU_Ag_62554	IPDEVIDMVK	AGAP009687-PA	M8(Oxidation)	78	3.01E-07	1	1174.604	0.93	Ovary	3R:+:38674032-38674061	exon=> In CDS Exon 4 of transcript AGAP009687-PA
JHU_Ag_68975	AGLGNPNR	AGAP009687-PA	-	50	6.12E-05	2	798.422	0.41	Ovary	3R:+:38674251-38674274	exon=> In CDS Exon 4 of transcript AGAP009687-PA
JHU_Ag_77271	TAQSHPMLVELK	AGAP009687-PA	M7(Oxidation)	36	0.002827 538	1	1369.715	0.34	Ovary	3R:+:38670447-38670467,38673733-38673747	exon=> In CDS Exon 2 and 3 of transcript AGAP009687-PA
JHU_Ag_97292	TAQSHPMLVELK	AGAP009687-PA	M7(Oxidation)	41	0.000813 595	1	1369.714	-0.32	Male reproductive organs	3R:+:38670447-38670467,38673733-38673747	exon=> In CDS Exon 2 and 3 of transcript AGAP009687-PA
JHU_Ag_1733	ISEIVGAQIQEK	AGAP009691-PA	-	96	2.88E-09	1	1314.731	3.67	Larva	3R:+:38897698-38897733	exon=> In CDS Exon 2 of transcript AGAP009691-PA
JHU_Ag_21958	FSMSDELVELNR	AGAP009691-PA	M3(Oxidation)	93	7.30E-09	1	1455.685	4.54	Larva	3R:+:38897353-38897388	exon=> In CDS Exon 2 of transcript AGAP009691-PA
JHU_Ag_62705	GFIDWNAIDYTER	AGAP009691-PA	-	96	3.46E-09	2	1599.750	3.79	Larva	3R:+:38897659-38897697	exon=> In CDS Exon 2 of transcript AGAP009691-PA
JHU_Ag_2977	DTLFFCSQ	AGAP009691-PA,AGAP009692-PA	C6(Carbamidomethyl)	30	0.003595 995	1	1017.438	3.29	Larva	3R:+:38897881-38897904;3R:+:38900251-38900274	exon=> In CDS Exon 2 of transcript AGAP009691-PA;exon=> In CDS Exon 2 of transcript AGAP009692-PA
JHU_Ag_17984	MNEALEEVEQIR	AGAP009691-PA,AGAP009692-PA	M1(Oxidation)	93	8.32E-09	2	1476.708	5.31	Larva	3R:+:38897404-38897439;3R:+:38899774-38899809	exon=> In CDS Exon 2 of transcript AGAP009691-PA;exon=> In CDS Exon 2 of transcript AGAP009692-PA

JHU_Ag_19923	ITQPNLER	AGAP009691-PA,AGAP009692-PA	-	35	0.002432014	2	970.533	1.51	Larva	3R:+:38897752-38897775;3R:+:38900122-38900145	exon=> In CDS Exon 2 of transcript AGAP009691-PA;exon=> In CDS Exon 2 of transcript AGAP009692-PA
JHU_Ag_60074	TADVHAALEAAQVQSTELQNIVVR	AGAP009691-PA,AGAP009692-PA	-	127	1.29E-12	1	2563.359	4.37	Larva	3R:+:38897587-38897658;3R:+:38899957-38900028	exon=> In CDS Exon 2 of transcript AGAP009691-PA;exon=> In CDS Exon 2 of transcript AGAP009692-PA
JHU_Ag_69280	ANIQITSR	AGAP009691-PA,AGAP009692-PA	-	60	1.59E-05	2	902.508	2.48	Larva	3R:+:38897563-38897586;3R:+:38899933-38899956	exon=> In CDS Exon 2 of transcript AGAP009691-PA;exon=> In CDS Exon 2 of transcript AGAP009692-PA
JHU_Ag_88670	FSMSDQLVELNR	AGAP009692-PA	M3(Oxidation), Q6(Deamidated),M3(Oxidation)	96	3.52E-09	1	1454.700	3.54	Larva	3R:+:38899723-38899758	exon=> In CDS Exon 2 of transcript AGAP009692-PA
JHU_Ag_7576	TADVHAALEAAQVQSTELQNIVVR	AGAP009692-PA,AGAP009691-PA	-	65	2.44E-06	3	2563.356	3.38	Pupa	3R:+:38899957-38900028;3R:+:38897587-38897658	exon=> In CDS Exon 2 of transcript AGAP009692-PA;exon=> In CDS Exon 2 of transcript AGAP009691-PA
JHU_Ag_12672	ANIQITSR	AGAP009692-PA,AGAP009691-PA	-	44	0.000568534	2	902.509	3.69	Larva	3R:+:38899933-38899956;3R:+:38897563-38897586	exon=> In CDS Exon 2 of transcript AGAP009692-PA;exon=> In CDS Exon 2 of transcript AGAP009691-PA
JHU_Ag_53279	LTSGLLLFGR	AGAP009693-PA	-	51	2.14E-05	2	1076.647	0.66	Salivary gland	3R:+:38943054-38943083	exon=> In CDS Exon 5 of transcript AGAP009693-PA
JHU_Ag_115245	VHLQYLGYPVVNDPLYNHDVFGPAK	AGAP009693-PA	-	126	2.53E-12	1	2855.472	7.1	Ovary	3R:+:38944857-38944875,38945029-38945084	exon=> In CDS Exon 6 and 7 of transcript AGAP009693-PA
JHU_Ag_854	EAMAIESFGR	AGAP009694-PA	M3(Oxidation)	41	0.00076742	2	1126.519	-0.85	Ovary	3R:-:38971080-38971051	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_1701	LAVDAVLR	AGAP009694-PA	-	48	0.00011629	2	856.526	0.64	Pupa	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_1817	SLHDALCVLAATVK	AGAP009694-PA	C7(Carbamidomethyl)	92	5.21E-09	1	1497.808	-0.78	Salivary gland	3R:-:38971209-38971168	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_2360	FREDLLNIAR	AGAP009694-PA	-	59	1.47E-05	1	1246.691	0.52	Pupa	3R:-:38971911-38971882	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_2687	LKGSGSLSAIQR	AGAP009694-PA	-	58	1.02E-05	1	1216.703	1.59	Head	3R:-:38971806-38971771	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_2695	NANILIANTPMDTDKIK	AGAP009694-PA	M11(Oxidation)	42	0.00076769	1	1887.984	-0.2	Malpighian tubule	3R:-:38971674-38971624	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_5957	VQDDEVGDGTTSVTVFAAELIR	AGAP009694-PA	-	134	6.95E-13	2	2322.160	5.87	Malpighian tubule	3R:-:38972106-38972041	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_7143	AVGVDNPAAK	AGAP009694-PA	-	54	3.38E-05	1	941.506	0.69	Malpighian tubule	3R:-:38972157-38972128	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_7556	SLHDALCVLAATVK	AGAP009694-PA	C7(Carbamidomethyl)	72	6.32E-07	2	1497.813	2.07	Midgut	3R:-:38971209-38971168	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_7999	TALQGAAADNSANQER	AGAP009694-PA	-	109	1.54E-10	1	1616.763	0.6	Pupa	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_8652	NAGQIEVTNDGATILR	AGAP009694-PA	N1(Deamidated)	128	2.14E-12	1	1671.870	2.49	Malpighian tubule	3R:-:38972205-38972158	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_9330	VDNILK	AGAP009694-PA	-	39	0.002273613	2	701.424	6.51	Ovary	3R:-:38970825-38970808	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_9338	VDKILAHNINVFINR	AGAP009694-PA	-	92	1.20E-09	1	1766.009	1.21	Ovary	3R:-:38971539-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_9412	ILSQHKEHFAK	AGAP009694-PA	-	65	2.75E-06	1	1337.733	0.18	Ovary	3R:-:38971863-38971831	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_10957	LGGCLEESFLDEGFLLDK	AGAP009694-PA	C4(Carbamidomethyl)	103	6.79E-10	2	2041.977	-0.95	Ovary	3R:-:38971761-38971708	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_12182	GATQQIIDEAER	AGAP009694-PA	-	86	3.05E-08	2	1330.659	-0.34	Midgut	3R:-:38971245-38971210	exon=> In CDS Exon 1 of transcript AGAP009694-PA

JHU_Ag_12986	LALVTGGEIVSTFDNPDLVK	AGAP009694-PA	-	61	4.59E-06	1	2088.134	5.35	Salivary gland	3R:-:38971407-38971348	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_14159	LSSFVGAIAIGELVK	AGAP009694-PA	-	104	9.31E-11	1	1503.880	0.91	Male reproductive organs	3R:-:38972301-38972257	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_14857	LHPQTIIAGWR	AGAP009694-PA	-	43	0.000352 12	1	1291.727	-0.28	Salivary gland	3R:-:38972013-38971981	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_16520	LAVDAVLR	AGAP009694-PA	-	61	5.63E-06	1	856.527	1.64	Ovary	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_19003	FREDLLNIAR	AGAP009694-PA	-	65	3.99E-06	2	1246.685	-4.08	Head	3R:-:38971911-38971882	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_20354	TALQGAAADNSANQER	AGAP009694-PA	-	71	1.13E-06	1	1616.764	0.83	Visceras	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_22598	VDKILAHNINVFINR	AGAP009694-PA	-	105	6.25E-11	1	1766.011	2.35	Malpighian tubule	3R:-:38971539-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_24636	TALQGAAADNSANQER	AGAP009694-PA	-	121	1.11E-11	1	1616.763	0.45	Malpighian tubule	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_25207	QVLMSAAEAAEMILR	AGAP009694-PA	M4(Oxidation), M12(Oxidation)	43	0.000809 328	3	1664.832	-1.81	Ovary	3R:-:38970870-38970826	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_26267	FSGVPLGEACTVVIR	AGAP009694-PA	C10(Carbamidomethyl)	74	4.95E-07	1	1604.854	4.81	Head	3R:-:38971290-38971246	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_26458	ILAHNINVFINR	AGAP009694-PA	-	68	5.96E-07	1	1423.820	1.88	Visceras	3R:-:38971530-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_26902	LKGSGSLSAIQR	AGAP009694-PA	-	48	0.000100 36	2	1216.698	-2.22	Male reproductive organs	3R:-:38971806-38971771	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_27657	AVGVDNPAAK	AGAP009694-PA	-	63	4.22E-06	1	941.506	0.63	Head	3R:-:38972157-38972128	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_28514	LKGSGSLSAIQR	AGAP009694-PA	-	80	5.80E-08	1	1216.700	-0.72	Malpighian tubule	3R:-:38971806-38971771	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_28700	LAVDAVLR	AGAP009694-PA	-	58	1.13E-05	2	856.527	1.64	Male reproductive organs	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_29571	ILAHNINVFINR	AGAP009694-PA	-	93	1.72E-09	1	1423.816	-0.49	Ovary	3R:-:38971530-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_29592	NAGQIEVTNDGATILR	AGAP009694-PA	-	106	3.20E-10	2	1671.869	1.69	Head	3R:-:38972205-38972158	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_32646	IAELEVAEKEK	AGAP009694-PA	-	83	7.82E-08	1	1258.691	1.58	Ovary	3R:-:38971584-38971552	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_33111	ILAHNINVFINR	AGAP009694-PA	-	69	4.59E-07	1	1423.823	4.06	Male reproductive organs	3R:-:38971530-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_33554	EAMAIESFGR	AGAP009694-PA	M3(Oxidation)	65	3.57E-06	2	1126.521	1.21	Salivary gland	3R:-:38971080-38971051	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_33922	IAELEVAEK	AGAP009694-PA	-	34	0.007886 19	1	1001.550	-1.12	Head	3R:-:38971584-38971558	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_34338	VQDDEVGDGTTSVTVFAAELIR	AGAP009694-PA	-	123	7.52E-12	2	2322.151	2.3	Ovary	3R:-:38972106-38972041	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_34938	EAEKLVEQK	AGAP009694-PA	-	57	3.70E-05	1	1073.584	0.24	Ovary	3R:-:38972040-38972014	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_36492	ILAHNINVFINR	AGAP009694-PA	-	62	2.42E-06	1	1423.816	-0.69	Head	3R:-:38971530-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_37224	NAGQIEVTNDGATILR	AGAP009694-PA	N1(Deamidated)	76	3.86E-07	2	1671.867	0.45	Pupa	3R:-:38972205-38972158	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_37510	VVYGGGCSETLMATAVFK	AGAP009694-PA	C7(Carbamidomethyl), M12(Oxidation)	117	3.09E-11	2	1905.915	3.22	Malpighian tubule	3R:-:38971158-38971105	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_37885	GATQQIIDEAER	AGAP009694-PA	-	73	6.07E-07	2	1330.661	1.22	Malpighian tubule	3R:-:38971245-38971210	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_38035	NANILIANTPMDTDK	AGAP009694-PA	M11(Oxidation)	64	6.77E-06	2	1646.805	-0.54	Ovary	3R:-:38971674-38971630	exon=> In CDS Exon 1 of transcript AGAP009694-PA

JHU_Ag_42535	LAVDAVLR	AGAP009694-PA	-	61	5.50E-06	2	856.526	1.28	Head	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_43953	LAVDAVLR	AGAP009694-PA	-	61	4.78E-06	2	856.526	1.21	Malpighian tubule	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_46810	HEAEEEKGEIAR	AGAP009694-PA	-	70	1.38E-06	1	1397.669	2.56	Ovary	3R:-:38972337-38972302	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_47128	LALVTGGEIVSTFDNPDLVK	AGAP009694-PA	-	95	1.99E-09	2	2088.124	0.91	Pupa	3R:-:38971407-38971348	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_47286	LKGSGSLSAIQR	AGAP009694-PA	-	45	0.000173842	2	1216.706	4	Larva	3R:-:38971806-38971771	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_49407	GATQQIIDEAER	AGAP009694-PA	-	58	2.20E-05	1	1330.664	2.96	Salivary gland	3R:-:38971245-38971210	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_50308	VVYGGGCSETLMATAVFK	AGAP009694-PA	C7(Carbamidomethyl),"C7 (Carbamidomethyl), M12(Oxidation)"	103	6.88E-10	2	1905.917	4.63	Ovary	3R:-:38971158-38971105	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_51051	ILVDMSR	AGAP009694-PA	M5(Oxidation)	43	0.000624468	1	849.450	-0.12	Malpighian tubule	3R:-:38972127-38972107	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_51287	LALVTGGEIVSTFDNPDLVK	AGAP009694-PA	-	89	7.88E-09	1	2088.131	4.06	Head	3R:-:38971407-38971348	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_51667	FSGVPLGEACTVVIR	AGAP009694-PA	C10(Carbamidomethyl)	50	0.000131789	1	1604.847	0.55	Male reproductive organs	3R:-:38971290-38971246	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_52067	IAELEVAEK	AGAP009694-PA	-	58	2.58E-05	1	1001.553	1.19	Ovary	3R:-:38971584-38971558	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_52359	QVLMSAAEAAEMILR	AGAP009694-PA	-	57	2.69E-05	2	1632.855	6.06	Head	3R:-:38970870-38970826	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_54712	LSSFVGAIAIGELVK	AGAP009694-PA	-	100	2.13E-10	1	1503.881	1.89	Salivary gland	3R:-:38972301-38972257	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_55164	ILAHNINVFINR	AGAP009694-PA	-	47	7.63E-05	2	1423.817	0.11	Pupa	3R:-:38971530-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_55954	LSSFVGAIAIGELVK	AGAP009694-PA	-	111	9.62E-12	1	1503.900	14.55	Ovary	3R:-:38972301-38972257	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_56390	SLHDALCVLAATVK	AGAP009694-PA	C7(Carbamidomethyl)	46	0.000251086	1	1497.812	1.55	Male reproductive organs	3R:-:38971209-38971168	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_58011	GATQQIIDEAER	AGAP009694-PA	-	55	4.23E-05	2	1330.661	1.13	Visceras	3R:-:38971245-38971210	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_59344	SLHDALCVLAATVK	AGAP009694-PA	C7(Carbamidomethyl)	112	5.22E-11	1	1497.814	3.21	Ovary	3R:-:38971209-38971168	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_61649	FSGVPLGEACTVVIR	AGAP009694-PA	C10(Carbamidomethyl)	112	9.48E-11	1	1604.849	1.62	Visceras	3R:-:38971290-38971246	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_61742	FSGVPLGEACTVVIR	AGAP009694-PA	C10(Carbamidomethyl)	98	2.27E-09	1	1604.851	2.53	Malpighian tubule	3R:-:38971290-38971246	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_61852	LAVDAVLR	AGAP009694-PA	-	56	1.51E-05	2	856.525	-0.28	Visceras	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_66051	LAVDAVLR	AGAP009694-PA	-	27	0.008060463	1	856.522	-3.49	Midgut	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_66262	FSGVPLGEACTVVIR	AGAP009694-PA	C10(Carbamidomethyl)	86	3.46E-08	1	1604.853	3.9	Ovary	3R:-:38971290-38971246	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_66916	LGKCDLIEQVMIGEDTLLR	AGAP009694-PA	C4(Carbamidomethyl), M11(Oxidation)	41	0.000960413	3	2219.142	0.36	Malpighian tubule	3R:-:38971347-38971291	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_67742	GATQQIIDEAER	AGAP009694-PA	-	95	3.85E-09	1	1330.661	1.13	Head	3R:-:38971245-38971210	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_68186	TALQGAAADNSANQER	AGAP009694-PA	-	125	4.00E-12	1	1616.768	3.47	Salivary gland	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_68437	NANILIANTPMDTDK	AGAP009694-PA	M11(Oxidation)	49	0.000216864	1	1646.806	0.28	Salivary gland	3R:-:38971674-38971630	exon=> In CDS Exon 1 of transcript AGAP009694-PA

JHU_Ag_69216	HEAEEEKGEIAR	AGAP009694-PA	-	54	5.44E-05	1	1397.667	0.85	Malpighian tubule	3R:-:38972337-38972302	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_69411	ILAHNINVFINR	AGAP009694-PA	-	75	1.16E-07	1	1423.819	1.57	Salivary gland	3R:-:38971530-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_69840	NAGQIEVTNDGATILR	AGAP009694-PA	Q4(Deamidated),N1(Deamidated)	125	4.73E-12	1	1671.876	5.85	Ovary	3R:-:38972205-38972158	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_71537	FREDLLNIAR	AGAP009694-PA	-	63	5.63E-06	1	1246.694	2.68	Ovary	3R:-:38971911-38971882	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_72393	SLHDALCVLAATVK	AGAP009694-PA	C7(Carbamidomethyl)	92	5.39E-09	1	1497.815	3.95	Head	3R:-:38971209-38971168	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_72399	TALQGAAADNSANQER	AGAP009694-PA	-	98	2.32E-09	1	1616.777	8.91	Male reproductive organs	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_72948	LSSFVGAIAIGELVK	AGAP009694-PA	-	63	9.40E-07	2	1503.885	4.65	Pupa	3R:-:38972301-38972257	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_74564	LAVDAVLR	AGAP009694-PA	-	36	0.001065026	2	856.523	-2.42	Larva	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_75606	AVGVDNPAAK	AGAP009694-PA	-	67	1.83E-06	1	941.507	1.6	Ovary	3R:-:38972157-38972128	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_76444	LAVDAVLR	AGAP009694-PA	-	67	1.28E-06	2	856.526	1.14	Salivary gland	3R:-:38971830-38971807	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_79070	LALVTGGEIVSTFDNPDLVK	AGAP009694-PA	-	107	1.23E-10	1	2088.126	1.61	Midgut	3R:-:38971407-38971348	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_79291	LALVTGGEIVSTFDNPDLVK	AGAP009694-PA	-	118	9.92E-12	1	2088.129	3.36	Malpighian tubule	3R:-:38971407-38971348	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_79650	ILVANGR	AGAP009694-PA	-	33	0.002373034	2	742.458	1.37	Ovary	3R:-:38972226-38972206	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_82843	LGGCLEESFLDEGFLLDKKPGVHQPK	AGAP009694-PA	C4(Carbamidomethyl)	172	5.88E-17	1	2913.485	1.15	Ovary	3R:-:38971761-38971684	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_84148	SLHDALCVLAATVK	AGAP009694-PA	C7(Carbamidomethyl)	88	1.27E-08	1	1497.811	1.34	Visceras	3R:-:38971209-38971168	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_84653	EAEKLVEQK	AGAP009694-PA	-	50	0.000192274	1	1073.584	-0.21	Malpighian tubule	3R:-:38972040-38972014	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_84676	TALQGAAADNSANQER	AGAP009694-PA	-	101	1.01E-09	1	1616.769	4.3	Larva	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_84792	LAAETAGKEAMAIESFGR	AGAP009694-PA	M11(Oxidation)	70	1.66E-06	1	1867.931	4.65	Ovary	3R:-:38971104-38971051	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_85870	ILSQHKEHFAK	AGAP009694-PA	-	57	1.66E-05	1	1337.731	-0.84	Malpighian tubule	3R:-:38971863-38971831	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_86063	LSSFVGAIAIGELVK	AGAP009694-PA	-	110	1.92E-11	1	1503.886	5.05	Head	3R:-:38972301-38972257	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_86563	FREDLLNIAR	AGAP009694-PA	-	62	6.96E-06	2	1246.694	2.68	Male reproductive organs	3R:-:38971911-38971882	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_87161	NANILIANTPMDTDK	AGAP009694-PA	M11(Oxidation)	55	5.92E-05	1	1646.805	-0.39	Head	3R:-:38971674-38971630	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_89277	TALQGAAADNSANQER	AGAP009694-PA	-	128	2.21E-12	1	1616.760	-1.21	Ovary	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_89450	LGGCLEESFLDEGFLLDK	AGAP009694-PA	C4(Carbamidomethyl)	85	3.84E-08	2	2041.991	6.16	Head	3R:-:38971761-38971708	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_89921	LALVTGGEIVSTFDNPDLVK	AGAP009694-PA	-	123	3.30E-12	1	2088.130	3.48	Ovary	3R:-:38971407-38971348	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_90032	LSSFVGAIAIGELVK	AGAP009694-PA	-	61	1.46E-06	2	1503.886	4.97	Visceras	3R:-:38972301-38972257	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_91869	LGGCLEESFLDEGFLLDKKPGVHQPK	AGAP009694-PA	C4(Carbamidomethyl)	109	1.06E-10	1	2913.483	0.53	Malpighian tubule	3R:-:38971761-38971684	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_91997	QVLMSAAEAAEMILRVDNILK	AGAP009694-PA	M4(Oxidation), M12(Oxidation)	34	0.003238343	1	2347.258	9.2	Malpighian tubule	3R:-:38970870-38970808	exon=> In CDS Exon 1 of transcript AGAP009694-PA

JHU_Ag_94842	SLHDALCVLAATVK	AGAP009694-PA	C7(Carbamidomethyl)	71	6.51E-07	2	1497.814	3.13	Malpighian tubule	3R:-:38971209-38971168	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_94863	GATQQIIDEAER	AGAP009694-PA	-	90	1.28E-08	1	1330.662	1.95	Ovary	3R:-:38971245-38971210	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_95264	GATQQIIDEAER	AGAP009694-PA	-	79	1.75E-07	2	1330.662	1.31	Pupa	3R:-:38971245-38971210	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_96249	FREDLLNIAR	AGAP009694-PA	-	43	0.000533863	1	1246.693	2.19	Salivary gland	3R:-:38971911-38971882	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_99832	TALQGAAADNSANQER	AGAP009694-PA	-	108	2.28E-10	1	1616.767	2.72	Head	3R:-:38971959-38971912	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_99918	VQDDEVGDGTTSVTVFAAELIR	AGAP009694-PA	-	109	2.12E-10	2	2322.157	4.71	Head	3R:-:38972106-38972041	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_99985	FSGVPLGEACTVVIR	AGAP009694-PA	C10(Carbamidomethyl)	58	2.08E-05	1	1604.848	0.7	Midgut	3R:-:38971290-38971246	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_101715	LVEQKLHPQTIIAGWR	AGAP009694-PA	-	74	1.00E-07	1	1889.080	2.32	Malpighian tubule	3R:-:38972028-38971981	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_101951	LALVTGGEIVSTFDNPDLVK	AGAP009694-PA	-	90	6.19E-09	1	2088.125	1.26	Male reproductive organs	3R:-:38971407-38971348	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_102423	NAGQIEVTNDGATILR	AGAP009694-PA	-	82	8.42E-08	1	1671.861	-3.2	Visceras	3R:-:38972205-38972158	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_103023	NANILIANTPMDTDKIK	AGAP009694-PA	M11(Oxidation)	65	3.58E-06	1	1887.989	2.14	Male reproductive organs	3R:-:38971674-38971624	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_105213	LSSFVGAIAIGELVK	AGAP009694-PA	-	125	6.76E-13	1	1503.884	4.08	Malpighian tubule	3R:-:38972301-38972257	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_106574	LKGSGSLSAIQR	AGAP009694-PA	-	67	1.13E-06	1	1216.701	0.49	Ovary	3R:-:38971806-38971771	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_106708	FSGVPLGEACTVVIR	AGAP009694-PA	C10(Carbamidomethyl)	61	9.20E-06	1	1604.855	5.19	Salivary gland	3R:-:38971290-38971246	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_107400	ILAHNINVFINR	AGAP009694-PA	-	76	1.03E-07	1	1423.818	0.97	Malpighian tubule	3R:-:38971530-38971495	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_108373	IAELEVAEKEK	AGAP009694-PA	-	66	3.43E-06	1	1258.690	1.09	Malpighian tubule	3R:-:38971584-38971552	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_109441	ELGITESFAVK	AGAP009694-PA	-	43	0.000634485	2	1193.645	2.96	Salivary gland	3R:-:38970906-38970874	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_109708	ALMQLPTIIADNAGYDSAQLVSELR	AGAP009694-PA	M3(Oxidation)	41	0.000682043	1	2705.391	3.53	Ovary	3R:-:38971050-38970976	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_110200	ELGITESFAVKR	AGAP009694-PA	-	61	5.34E-06	1	1349.745	1.86	Ovary	3R:-:38970906-38970871	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_112953	LAAETAGKEAMAIESFGR	AGAP009694-PA	M11(Oxidation)	67	2.66E-06	1	1851.931	2.37	Malpighian tubule	3R:-:38971104-38971051	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_113189	LHPQTIIAGWR	AGAP009694-PA	-	51	5.06E-05	1	1291.730	2.23	Ovary	3R:-:38972013-38971981	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_113294	NANILIANTPMDTDKIK	AGAP009694-PA	M11(Oxidation)	86	2.81E-08	1	1887.992	3.95	Ovary	3R:-:38971674-38971624	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_113889	FREDLLNIAR	AGAP009694-PA	-	69	1.41E-06	1	1246.692	1.5	Malpighian tubule	3R:-:38971911-38971882	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_116878	LHPQTIIAGWR	AGAP009694-PA	-	53	3.33E-05	2	1291.727	0.15	Male reproductive organs	3R:-:38972013-38971981	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_117088	GSGSLSAIQR	AGAP009694-PA	-	39	0.002814036	1	975.521	-0.62	Ovary	3R:-:38971800-38971771	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_117811	FREDLLNIAR	AGAP009694-PA	-	68	1.93E-06	1	1246.690	-0.36	Midgut	3R:-:38971911-38971882	exon=> In CDS Exon 1 of transcript AGAP009694-PA
JHU_Ag_26533	AVLQIYPDHCVK	AGAP009695-PA	C10(Carbamidomethyl)	36	0.003872708	1	1442.746	-0.05	Male reproductive organs	3R:+:38968979-38969014	exon=> In CDS Exon 2 of transcript AGAP009695-PA
JHU_Ag_63588	LHIIER	AGAP009695-PA	-	41	0.000199775	2	780.470	-3.26	Male reproductive organs	3R:+:38969513-38969530	exon=> In CDS Exon 3 of transcript AGAP009695-PA

JHU_Ag_1350	TILISTNGSIIR	AGAP009700-PA	-	49	4.25E-05	2	1287.763	0.27	Ovary	3R:-:39153196-39153161	exon=> In CDS Exon 1 of transcript AGAP009700-PA
JHU_Ag_13784	VISLNISPVEDTFLSGSLDK	AGAP009700-PA	-	138	1.37E-13	1	2134.132	1.76	Ovary	3R:-:39153490-39153431	exon=> In CDS Exon 1 of transcript AGAP009700-PA
JHU_Ag_14086	LIDAFHGTPLQTFTGHLNNK	AGAP009700-PA	-	122	7.50E-12	1	2224.150	-0.32	Ovary	3R:-:39153160-39153820,39152788-39153013	exon=> In CDS Exon 2 and 1 of transcript AGAP009700-PA
JHU_Ag_59124	GIPIEASFSPDSQFIFSGSTDGR	AGAP009700-PA	-	130	1.70E-12	1	2415.158	4.7	Ovary	3R:-:39153012-39152944	exon=> In CDS Exon 2 of transcript AGAP009700-PA
JHU_Ag_113156	LIDAFHGTPLQTFTGHLNNK	AGAP009700-PA	-	119	1.31E-11	1	2224.155	1.96	Head	3R:-:39153160-39153820,39152788-39153013	exon=> In CDS Exon 2 and 1 of transcript AGAP009700-PA
JHU_Ag_10	TATIDLDVHGISELQER	AGAP009701-PA	-	110	1.67E-10	1	1896.966	-0.13	Ovary	3R:+:39163156-39163206	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_1530	VNDESSEFNVSLVYNR	AGAP009701-PA	-	116	3.75E-11	1	1871.882	2.64	Ovary	3R:+:39163438-39163485	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_2001	TNFYAESGGQIYDQGFLVK	AGAP009701-PA	-	63	8.53E-06	2	2137.028	2.17	Salivary gland	3R:+:39163381-39163437	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_4346	IVALTGPEALK	AGAP009701-PA	-	52	1.30E-05	1	1111.675	2.71	Salivary gland	3R:+:39164035-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_4740	AAVASGVVEK	AGAP009701-PA	-	77	2.78E-07	1	930.528	2.79	Malpighian tubule	3R:+:39164290-39164319	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_5186	KIIELTDDVSQATIPYVK	AGAP009701-PA	-	33	0.002256259	2	2033.119	1.22	Midgut	3R:+:39164167-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_5807	RIVALTGPEALK	AGAP009701-PA	-	54	5.07E-06	2	1267.774	0.61	Visceras	3R:+:39164032-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_6702	NVINEEEQQFLK	AGAP009701-PA	-	95	6.05E-09	1	1490.752	2.03	Head	3R:+:39162895-39162930	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_7287	LEALNNTK	AGAP009701-PA	-	50	0.000227902	1	902.497	2.54	Malpighian tubule	3R:+:39164371-39164394	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_9815	VNDESSEFNVSLVYNR	AGAP009701-PA	-	46	0.00036542	2	1871.881	2.12	Pupa	3R:+:39163438-39163485	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_9936	VGADDSDGVDMAYR	AGAP009701-PA	M11(Oxidation)	99	3.80E-10	2	1486.613	1.03	Salivary gland	3R:+:39162625-39162666	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_10643	LVSVIQDKR	AGAP009701-PA	-	62	3.34E-06	2	1057.636	-0.07	Pupa	3R:+:39162517-39162543	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_10733	SVFDEVYPDPVR	AGAP009701-PA	-	48	0.000248845	2	1422.683	-5.01	Male reproductive organs	3R:+:39163831-39163866	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_11594	AKHESYIISQGK	AGAP009701-PA	-	50	0.000145788	2	1360.725	2.24	Malpighian tubule	3R:+:39163108-39163143	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_11973	RIVALTGPEALK	AGAP009701-PA	-	41	0.000108175	1	1267.773	-0.45	Pupa	3R:+:39164032-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_12237	SVFDEVYPDPVR	AGAP009701-PA	-	65	4.90E-06	2	1422.690	0.14	Pupa	3R:+:39163831-39163866	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_12298	RIVALTGPEALK	AGAP009701-PA	-	38	0.000223423	2	1267.773	-0.06	Male reproductive organs	3R:+:39164032-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_12541	KVPATDDSFK	AGAP009701-PA	-	37	0.00330452	2	1107.569	0.48	Ovary	3R:+:39163207-39163236	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_13029	RIVALTGPEALK	AGAP009701-PA	-	60	1.43E-06	1	1267.776	1.77	Head	3R:+:39164032-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_13560	LYDTYGFPIDLTLLMAEEK	AGAP009701-PA	M15(Oxidation)	68	2.93E-06	1	2248.109	-0.01	Ovary	3R:+:39163018-39163074	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_14504	TNFYAESGGQIYDQGFLVK	AGAP009701-PA	-	145	4.90E-14	1	2137.026	1.03	Ovary	3R:+:39163381-39163437	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_17630	LYVTYFGGHPESGLEPDLECR	AGAP009701-PA	C20(Carbamidomethyl)	108	1.96E-10	1	2439.132	1.24	Ovary	3R:+:39162175-39162237	exon=> In CDS Exon 1 of transcript AGAP009701-PA

JHU_Ag_21596	VGADDSDGVDMAYR	AGAP009701-PA	M11(Oxidation)	114	1.26E-11	1	1470.618	0.74	Head	3R:+:39162625-39162666	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_22950	YKAESIDPLAQYVFEPCTGK	AGAP009701-PA	C17(Carbamidomethyl)	69	1.90E-06	1	2316.123	0.47	Ovary	3R:+:39163243-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_23409	GGGKPESAQASGGNFDKADEILELAR	AGAP009701-PA	-	116	3.53E-11	1	2617.294	3.21	Head	3R:+:39164578-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_24393	MDTSLTASQIR	AGAP009701-PA	N-Term(Acetyl), M1(Oxidation)	38	0.002825583	2	1280.617	1.25	Pupa	3R:+:39161779-39161811	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_25228	SIFLDFFK	AGAP009701-PA	-	39	0.001779579	2	1016.545	-0.22	Pupa	3R:+:39161812-39161835	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_25332	VLGQDTDQR	AGAP009701-PA	-	53	9.01E-05	2	1031.511	-0.25	Ovary	3R:+:39163630-39163656	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_25614	ANEWISHIAPVMGGK	AGAP009701-PA	M12(Oxidation)	95	4.44E-09	1	1609.822	4.01	Ovary	3R:+:39164533-39164577	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_26060	SVFDEVYPDPVR	AGAP009701-PA	-	71	1.38E-06	1	1422.693	2.37	Malpighian tubule	3R:+:39163831-39163866	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_27609	DAPFLVQR	AGAP009701-PA	-	45	0.000519416	2	945.516	0.47	Salivary gland	3R:+:39164347-39164370	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_27946	VNDESSEFNVSLVYNR	AGAP009701-PA	-	123	6.62E-12	1	1871.875	-1.34	Head	3R:+:39163438-39163485	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_30369	SNYDTDVFMPLFDAIQK	AGAP009701-PA	M9(Oxidation)	122	1.01E-11	1	2019.941	2.19	Ovary	3R:+:39162544-39162594	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_32047	EICTWAWELLTER	AGAP009701-PA	C3(Carbamidomethyl)	46	0.0004866	2	1706.829	4.57	Ovary	3R:+:39162115-39162153	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_32194	SVFDEVYPDPVR	AGAP009701-PA	-	70	1.73E-06	1	1422.692	1.69	Head	3R:+:39163831-39163866	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_32798	GGGKPESAQASGGNFDKADEILELAR	AGAP009701-PA	-	154	5.64E-15	1	2617.293	2.76	Malpighian tubule	3R:+:39164578-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_32822	GTGAAAYQGR	AGAP009701-PA	-	37	0.002794927	2	951.464	-0.03	Ovary	3R:+:39162595-39162624	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_33956	NVINEEEQQFLKTLTR	AGAP009701-PA	-	34	0.004074539	1	1962.037	3.98	Malpighian tubule	3R:+:39162895-39162942	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_35494	EICTWAWELLTER	AGAP009701-PA	C3(Carbamidomethyl)	45	0.000531715	2	1706.822	0.99	Head	3R:+:39162115-39162153	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_35556	KTELLEQELSK	AGAP009701-PA	-	49	0.00011972	1	1317.730	3.18	Ovary	3R:+:39164077-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_35820	SAMTIEQVAEAER	AGAP009701-PA	M3(Oxidation)	84	6.31E-08	2	1450.683	-0.72	Midgut	3R:+:39163705-39163743	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_35851	NHSATHALNHSLLK	AGAP009701-PA	-	113	6.07E-11	1	1542.817	2.25	Head	3R:+:39163588-39163629	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_35895	TITIALADGGFPDNTGR	AGAP009701-PA	-	77	3.23E-07	1	1718.873	1.07	Ovary	3R:+:39162688-39162738	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_36268	VNDESSEFNVSLVYNR	AGAP009701-PA	-	64	5.52E-06	2	1871.880	1.6	Male reproductive organs	3R:+:39163438-39163485	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_37081	SNYDTDVFMPLFDAIQK	AGAP009701-PA	M9(Oxidation)	83	8.43E-08	2	2019.942	2.43	Head	3R:+:39162544-39162594	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_37240	MDTSLTASQIR	AGAP009701-PA	N-Term(Acetyl), M1(Oxidation)	95	5.89E-09	2	1280.619	2.87	Malpighian tubule	3R:+:39161779-39161811	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_37530	AESIDPLAQYVFEPCTGK	AGAP009701-PA	C15(Carbamidomethyl)	75	4.92E-07	2	2024.971	3.66	Visceras	3R:+:39163249-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_38311	SKTATIDLDVHGISELQER	AGAP009701-PA	-	107	2.19E-10	1	2112.103	4.65	Malpighian tubule	3R:+:39163150-39163206	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_39701	GGGKPESAQASGGNFDKADEILELAR	AGAP009701-PA	-	71	1.13E-06	1	2617.283	-0.88	Salivary gland	3R:+:39164578-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_40163	GGYVLHIGVVEGTLR	AGAP009701-PA	-	62	4.23E-06	1	1569.877	1.16	Ovary	3R:+:39163486-39163530	exon=> In CDS Exon 1 of transcript AGAP009701-PA

JHU_Ag_40659	KTELLEQELSK	AGAP009701-PA	-	43	0.000555953	2	1317.728	1.24	Male reproductive organs	3R:+:39164077-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_41276	MDTSLTASQIR	AGAP009701-PA	N-Term(Acetyl), M1(Oxidation)	78	2.58E-07	2	1280.615	-0.28	Male reproductive organs	3R:+:39161779-39161811	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_41378	IIELTDDVSQATIPYVK	AGAP009701-PA	-	84	3.17E-08	1	1905.030	4.51	Malpighian tubule	3R:+:39164170-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_42864	GSLVVPEK	AGAP009701-PA	-	42	0.000577429	1	828.485	2.37	Ovary	3R:+:39163657-39163680	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_43350	TITIALADGGFPDNTGR	AGAP009701-PA	-	83	8.02E-08	1	1718.875	2.28	Pupa	3R:+:39162688-39162738	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_44584	MDTSLTASQIR	AGAP009701-PA	N-Term(Acetyl)	65	5.24E-06	2	1264.625	3.9	Malpighian tubule	3R:+:39161779-39161811	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_45478	AAVASGVVEK	AGAP009701-PA	-	66	3.99E-06	2	930.527	1.67	Salivary gland	3R:+:39164290-39164319	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_45508	KVPATDDSFK	AGAP009701-PA	-	36	0.003785 37	2	1107.568	0.04	Pupa	3R:+:39163207-39163236	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_46651	GGGKPESAQASGGNFDKADEILELAR	AGAP009701-PA	-	135	3.95E-13	1	2617.286	0.15	Ovary	3R:+:39164578-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_47025	FNNAFVEEVQAGQECGVILDR	AGAP009701-PA	C15(Carbamidomethyl)	102	8.40E-10	2	2395.138	1.33	Ovary	3R:+:39163318-39163380	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_47779	AAVASGVVEK	AGAP009701-PA	-	41	0.001008264	1	930.526	0.83	Ovary	3R:+:39164290-39164319	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_48768	NVINEEEQQFLK	AGAP009701-PA	-	82	1.11E-07	1	1490.751	1.78	Salivary gland	3R:+:39162895-39162930	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_50681	GRNLLNR	AGAP009701-PA	-	34	0.003708878	1	842.498	2.87	Malpighian tubule	3R:+:39162943-39162963	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_50923	MDTSLTASQIR	AGAP009701-PA	N-Term(Acetyl), M1(Oxidation)	62	9.94E-06	2	1280.615	-0.28	Midgut	3R:+:39161779-39161811	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_51621	AESIDPLAQYVFEPCTGK	AGAP009701-PA	C15(Carbamidomethyl)	100	1.52E-09	1	2024.969	2.58	Head	3R:+:39163249-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_52053	MDTSLTASQIR	AGAP009701-PA	N-Term(Acetyl), M1(Oxidation)	83	8.14E-08	2	1280.616	0.29	Ovary	3R:+:39161779-39161811	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_52350	SNYDTDVFMPLFDAIQK	AGAP009701-PA	M9(Oxidation)	70	1.59E-06	2	2019.946	4.73	Larva	3R:+:39162544-39162594	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_52827	NVINEEEQQFLK	AGAP009701-PA	-	109	2.45E-10	1	1490.756	4.65	Malpighian tubule	3R:+:39162895-39162930	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_52921	VNDESSEFNVSLVYNR	AGAP009701-PA	-	73	7.14E-07	2	1871.884	3.95	Malpighian tubule	3R:+:39163438-39163485	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_53181	MDTSLTASQIR	AGAP009701-PA	N-Term(Acetyl), M1(Oxidation)	54	6.27E-05	2	1280.616	0.96	Salivary gland	3R:+:39161779-39161811	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_53596	NHSATHALNHSLLK	AGAP009701-PA	-	64	5.42E-06	1	1542.814	-0.05	Pupa	3R:+:39163588-39163629	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_54007	SIFLDFFKEK	AGAP009701-PA	-	39	0.001840212	2	1273.685	1.94	Ovary	3R:+:39161812-39161841	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_54719	FDFTNK	AGAP009701-PA	-	31	0.003527386	1	771.367	0.11	Male reproductive organs	3R:+:39163687-39163704	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_54877	GYVLRR	AGAP009701-PA	-	27	0.004075515	1	763.459	2.43	Malpighian tubule	3R:+:39162739-39162756	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_55560	AESIDPLAQYVFEPCTGK	AGAP009701-PA	C15(Carbamidomethyl)	51	0.000102415	2	2024.960	-1.82	Male reproductive organs	3R:+:39163249-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_55578	SVFDEVYPDPVR	AGAP009701-PA	-	78	2.66E-07	2	1422.691	0.74	Ovary	3R:+:39163831-39163866	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_55632	IVALTGPEALK	AGAP009701-PA	-	43	0.000148306	2	1111.673	0.41	Male reproductive organs	3R:+:39164035-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_56164	KIIELTDDVSQATIPYVK	AGAP009701-PA	-	103	2.18E-10	2	2033.118	0.5	Head	3R:+:39164167-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA

JHU_Ag_56438	TELLEQELSK	AGAP009701-PA	-	39	0.001894149	2	1189.631	0.24	Midgut	3R:+:39164080-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_56678	LYVTYFGGHPESGLEPDLECR	AGAP009701-PA	C20(Carbamidomethyl)	83	6.15E-08	1	2439.130	0.63	Midgut	3R:+:39162175-39162237	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_57723	KTELLEQELSK	AGAP009701-PA	-	102	7.46E-10	2	1317.725	-0.71	Pupa	3R:+:39164077-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_58683	SIFLDFFK	AGAP009701-PA	-	34	0.006398298	2	1016.548	2.72	Head	3R:+:39161812-39161835	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_60252	RNVQVYAK	AGAP009701-PA	-	41	0.000773163	1	977.549	-3.81	Head	3R:+:39163765-39163788	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_61016	SVFDEVYPDPVR	AGAP009701-PA	-	49	0.000212646	2	1422.692	1.6	Visceras	3R:+:39163831-39163866	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_61131	NVINEEEQQFLK	AGAP009701-PA	-	70	1.67E-06	2	1490.747	-1.08	Midgut	3R:+:39162895-39162930	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_61233	LYVTYFGGHPESGLEPDLECR	AGAP009701-PA	C20(Carbamidomethyl)	71	1.15E-06	1	2439.134	2.28	Pupa	3R:+:39162175-39162237	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_63010	NVINEEEQQFLK	AGAP009701-PA	-	71	1.52E-06	2	1490.748	-0.51	Male reproductive organs	3R:+:39162895-39162930	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_63255	KHIDCGMGFER	AGAP009701-PA	C5(Carbamidomethyl), M7(Oxidation),C5(Carbamidomethyl)	68	1.38E-06	1	1365.608	3.19	Malpighian tubule	3R:+:39162484-39162516	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_63982	SNYDTDVFMPLFDAIQK	AGAP009701-PA	M9(Oxidation)	70	1.55E-06	1	2019.937	0.08	Visceras	3R:+:39162544-39162594	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_64207	IIELTDDVSQATIPYVK	AGAP009701-PA	-	84	3.33E-08	1	1905.027	3.03	Head	3R:+:39164170-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_64344	SAMTIEQVAEAER	AGAP009701-PA	M3(Oxidation)	109	2.11E-10	1	1450.690	3.99	Malpighian tubule	3R:+:39163705-39163743	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_65033	FNNAFVEEVQAGQECGVILDR	AGAP009701-PA	C15(Carbamidomethyl)	87	2.93E-08	2	2395.142	3.06	Head	3R:+:39163318-39163380	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_66233	KTELLEQELSK	AGAP009701-PA	-	47	0.000214956	2	1317.729	2.16	Midgut	3R:+:39164077-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_66737	TNFYAESGGQIYDQGFLVK	AGAP009701-PA	Q10(Deamidated)	111	1.26E-10	1	2137.026	0.91	Head	3R:+:39163381-39163437	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_67264	SNYDTDVFMPLFDAIQK	AGAP009701-PA	-	103	8.70E-10	1	2003.949	3.26	Salivary gland	3R:+:39162544-39162594	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_67381	GGGKPESAQASGGNFDKADEILELAR	AGAP009701-PA	-	41	0.001027704	1	2617.287	0.55	Midgut	3R:+:39164578-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_68258	GTGAAAYQGR	AGAP009701-PA	-	68	1.83E-06	2	951.469	4.72	Malpighian tubule	3R:+:39162595-39162624	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_69278	KIIELTDDVSQATIPYVK	AGAP009701-PA	-	46	9.68E-05	1	2033.120	1.76	Salivary gland	3R:+:39164167-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_69732	VGADDSDGVDMAYR	AGAP009701-PA	-	83	1.59E-08	1	1470.617	0.33	Midgut	3R:+:39162625-39162666	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_71121	ALDSALKEVR	AGAP009701-PA	-	54	4.96E-05	2	1101.627	1.07	Malpighian tubule	3R:+:39164395-39164424	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_72006	ALDDKER	AGAP009701-PA	-	43	0.001148334	1	846.431	-0.57	Salivary gland	3R:+:39164260-39164280	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_72580	TITIALADGGFPDNTGR	AGAP009701-PA	-	66	4.53E-06	1	1718.876	3.13	Head	3R:+:39162688-39162738	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_72964	IIELTDDVSQATIPYVK	AGAP009701-PA	-	48	0.000144549	2	1905.020	-1.07	Midgut	3R:+:39164170-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_73684	ANEWISHIAPVMGGK	AGAP009701-PA	M12(Oxidation)	71	8.80E-07	1	1625.813	1.42	Salivary gland	3R:+:39164533-39164577	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_74135	SAMTIEQVAEAER	AGAP009701-PA	M3(Oxidation)	92	9.18E-09	1	1450.687	1.55	Head	3R:+:39163705-39163743	exon=> In CDS Exon 1 of transcript AGAP009701-PA

JHU_Ag_74221	VLADHAR	AGAP009701-PA	-	32	0.005914844	1	781.430	-1.62	Head	3R:+:39162667-39162687	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_74640	GTGAAAYQGR	AGAP009701-PA	-	74	5.26E-07	2	951.465	0.8	Male reproductive organs	3R:+:39162595-39162624	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_75250	HESYIISQGK	AGAP009701-PA	-	56	5.50E-05	1	1161.588	-1.47	Head	3R:+:39163114-39163143	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_75401	SIFLDFFK	AGAP009701-PA	-	49	0.000197841	1	1016.545	-0.28	Ovary	3R:+:39161812-39161835	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_75817	VLGQDTDQR	AGAP009701-PA	-	44	0.00067207	2	1031.513	1.29	Salivary gland	3R:+:39163630-39163656	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_76373	EICTWAWELLTER	AGAP009701-PA	C3(Carbamidomethyl)	52	0.000115338	2	1706.825	2.28	Salivary gland	3R:+:39162115-39162153	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_78706	NHSATHALNHSLLK	AGAP009701-PA	-	62	8.32E-06	1	1542.817	2.47	Malpighian tubule	3R:+:39163588-39163629	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_78730	ATIDGDKEGR	AGAP009701-PA	-	41	0.001274897	1	1061.521	-1.13	Salivary gland	3R:+:39164116-39164145	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_79454	VGADDSDGVDMAYR	AGAP009701-PA	M11(Oxidation)	60	3.31E-06	2	1486.613	0.71	Male reproductive organs	3R:+:39162625-39162666	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_80205	RIVALTGPEALK	AGAP009701-PA	-	46	3.56E-05	1	1267.775	1	Salivary gland	3R:+:39164032-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_80267	KIIELTDDVSQATIPYVK	AGAP009701-PA	-	86	9.16E-09	2	2033.127	5.36	Malpighian tubule	3R:+:39164167-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_80584	VLGQDTDQR	AGAP009701-PA	-	45	0.000511111	2	1031.514	2.47	Malpighian tubule	3R:+:39163630-39163656	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_82419	TITIALADGGFPDNTGR	AGAP009701-PA	-	62	1.11E-05	2	1718.867	-2.33	Midgut	3R:+:39162688-39162738	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_82522	ADEILELAR	AGAP009701-PA	-	57	3.14E-05	2	1029.558	0.22	Malpighian tubule	3R:+:39164629-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_84633	IVALTGPEALK	AGAP009701-PA	-	37	0.000513048	2	1111.673	0.63	Head	3R:+:39164035-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_85647	IVALTGPEALK	AGAP009701-PA	-	52	1.82E-05	2	1111.673	0.63	Pupa	3R:+:39164035-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_85698	GGYVLHIGVVEGTLR	AGAP009701-PA	-	88	9.20E-09	1	1569.877	1.54	Head	3R:+:39163486-39163530	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_85832	RIVALTGPEALK	AGAP009701-PA	-	57	2.79E-06	1	1267.775	1	Ovary	3R:+:39164032-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_86035	RIVALTGPEALK	AGAP009701-PA	-	62	8.49E-07	2	1267.777	3.02	Malpighian tubule	3R:+:39164032-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_86145	AAVASGVVEKAK	AGAP009701-PA	-	70	7.18E-07	1	1129.660	2.07	Malpighian tubule	3R:+:39164290-39164325	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_86741	IVALTGPEALK	AGAP009701-PA	-	48	4.08E-05	1	1111.672	0.19	Malpighian tubule	3R:+:39164035-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_87061	ATIDGDKEGR	AGAP009701-PA	-	39	0.002110083	2	1061.522	0.02	Ovary	3R:+:39164116-39164145	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_87262	LYVTYFGGHPESGLEPDLECR	AGAP009701-PA	C20(Carbamidomethyl)	78	2.00E-07	1	2439.137	3.56	Salivary gland	3R:+:39162175-39162237	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_87533	IIELTDDVSQATIPYVK	AGAP009701-PA	-	70	8.64E-07	2	1905.023	0.66	Ovary	3R:+:39164170-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_88682	VGADDSDGVDMAYR	AGAP009701-PA	M11(Oxidation)	123	1.60E-12	1	1486.616	2.76	Ovary	3R:+:39162625-39162666	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_89553	VGADDSDGVDMAYRVLADHAR	AGAP009701-PA	M11(Oxidation)	151	1.11E-14	1	2249.034	3.68	Malpighian tubule	3R:+:39162625-39162687	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_90205	AESIDPLAQYVFEPCTGK	AGAP009701-PA	C15(Carbamidomethyl)	81	1.16E-07	1	2024.962	-0.5	Malpighian tubule	3R:+:39163249-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_91164	GGGKPESAQASGGNFDKADEILELAR	AGAP009701-PA	-	58	2.17E-05	1	2617.284	-0.5	Visceras	3R:+:39164578-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA

JHU_Ag_94693	TNFYAESGGQIYDQGFLVK	AGAP009701-PA	-	99	2.35E-09	1	2137.026	1.26	Midgut	3R:+:39163381-39163437	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_95425	LYVTYFGGHPESGLEPDLECR	AGAP009701-PA	C20(Carbamidomethyl)	87	2.59E-08	2	2439.129	0.13	Head	3R:+:39162175-39162237	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_96016	LYVTYFGGHPESGLEPDLECR	AGAP009701-PA	C20(Carbamidomethyl)	63	7.23E-06	1	2439.128	-0.27	Male reproductive organs	3R:+:39162175-39162237	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_96358	NVQVYAKEANLAVAK	AGAP009701-PA	-	80	6.45E-08	1	1617.903	4.13	Malpighian tubule	3R:+:39163768-39163812	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_98203	ADEILELAR	AGAP009701-PA	-	45	0.000419 86	2	1029.559	1.64	Salivary gland	3R:+:39164629-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_98289	VNDESSEFNVSLVYNR	AGAP009701-PA	-	40	0.001554 738	2	1871.882	2.9	Salivary gland	3R:+:39163438-39163485	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_98440	GGGKPESAQASGGNFDKADEILELAR	AGAP009701-PA	-	110	1.37E-10	1	2617.288	0.8	Male reproductive organs	3R:+:39164578-39164655	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_98555	KTELLEQELSK	AGAP009701-PA	-	102	8.52E-10	2	1317.719	-5.53	Head	3R:+:39164077-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_99451	TATIDLDVHGISELQER	AGAP009701-PA	-	86	3.00E-08	1	1896.975	4.82	Malpighian tubule	3R:+:39163156-39163206	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_100061	KTELLEQELSK	AGAP009701-PA	-	63	5.10E-06	1	1317.730	3.27	Malpighian tubule	3R:+:39164077-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_101003	SNYDTDVFMPLFDAIQK	AGAP009701-PA	M9(Oxidation)	68	2.57E-06	2	2019.944	3.4	Malpighian tubule	3R:+:39162544-39162594	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_101021	SVFDEVYPDPVR	AGAP009701-PA	-	58	2.72E-05	1	1422.692	1.26	Salivary gland	3R:+:39163831-39163866	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_102049	AESIDPLAQYVFEPCTGK	AGAP009701-PA	C15(Carbamidomethyl)	108	2.60E-10	1	2024.971	3.96	Ovary	3R:+:39163249-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_102781	AESIDPLAQYVFEPCTGK	AGAP009701-PA	C15(Carbamidomethyl)	70	1.50E-06	1	2024.963	-0.26	Midgut	3R:+:39163249-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_103330	VNDESSEFNVSLVYNR	AGAP009701-PA	-	69	1.72E-06	1	1871.874	-1.86	Midgut	3R:+:39163438-39163485	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_105019	TITIALADGGFPDNTGR	AGAP009701-PA	-	68	2.49E-06	2	1718.881	6.12	Malpighian tubule	3R:+:39162688-39162738	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_105429	TITIALADGGFPDNTGRGYVLR	AGAP009701-PA	-	102	4.73E-10	1	2307.219	4.12	Malpighian tubule	3R:+:39162688-39162753	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_105520	SAMTIEQVAEAER	AGAP009701-PA	M3(Oxidation)	106	4.32E-10	1	1434.691	0.92	Ovary	3R:+:39163705-39163743	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_105937	AESIDPLAQYVFEPCTGKIVALR	AGAP009701-PA	C15(Carbamidomethyl)	49	9.84E-05	1	2577.353	5.79	Malpighian tubule	3R:+:39163249-39163317	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_106872	TITIALADGGFPDNTGR	AGAP009701-PA	-	67	3.77E-06	2	1718.870	-0.49	Male reproductive organs	3R:+:39162688-39162738	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_107181	SAMTIEQVAEAER	AGAP009701-PA	M3(Oxidation)	68	2.40E-06	2	1450.684	-0.3	Pupa	3R:+:39163705-39163743	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_107503	GSLVVPEK	AGAP009701-PA	-	34	0.003262 109	1	828.483	0.16	Head	3R:+:39163657-39163680	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_107694	VLADHAR	AGAP009701-PA	-	34	0.004567 977	2	781.432	-0.06	Malpighian tubule	3R:+:39162667-39162687	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_108588	AKHESYIISQGK	AGAP009701-PA	-	65	4.04E-06	1	1360.724	1.52	Ovary	3R:+:39163108-39163143	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_110098	AESIDPLAQYVFEPCTGK	AGAP009701-PA	C15(Carbamidomethyl)	87	3.03E-08	1	2024.971	3.66	Salivary gland	3R:+:39163249-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_110342	YKAESIDPLAQYVFEPCTGK	AGAP009701-PA	C17(Carbamidomethyl)	49	0.000205 632	2	2316.118	-1.53	Male reproductive organs	3R:+:39163243-39163302	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_110538	TELLEQELSK	AGAP009701-PA	-	44	0.000624 962	2	1189.636	4.14	Ovary	3R:+:39164080-39164109	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_110643	NVINEEEQQFLK	AGAP009701-PA	-	91	1.54E-08	1	1490.751	1.45	Ovary	3R:+:39162895-39162930	exon=> In CDS Exon 1 of transcript AGAP009701-PA

JHU_Ag_111151	NHSATHALNHSLLK	AGAP009701-PA	-	67	2.69E-06	1	1542.813	-0.65	Ovary	3R:+:39163588-39163629	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_111374	IVALTGPEALK	AGAP009701-PA	-	50	2.45E-05	2	1111.676	3.04	Ovary	3R:+:39164035-39164067	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_112404	ANEWISHIAPVMGGK	AGAP009701-PA	N2(Deamidated)	35	0.005677701	1	1610.823	14.24	Midgut	3R:+:39164533-39164577	exon=> In CDS Exon 2 of transcript AGAP009701-PA
JHU_Ag_112472	KIIELTDDVSQATIPYVK	AGAP009701-PA	-	51	4.40E-05	2	2033.114	-1.36	Ovary	3R:+:39164167-39164220	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_114360	NVQVYAK	AGAP009701-PA	-	37	0.003202849	1	821.452	0.07	Ovary	3R:+:39163768-39163788	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_114817	ATIDGDKEGR	AGAP009701-PA	-	41	0.001750637	2	1061.526	3.7	Malpighian tubule	3R:+:39164116-39164145	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_116330	VGADDSDGVDMAYR	AGAP009701-PA	M11(Oxidation)	106	7.58E-11	1	1486.616	3.17	Malpighian tubule	3R:+:39162625-39162666	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_116973	NVQVYAK	AGAP009701-PA	-	39	0.001543987	1	821.454	3.25	Malpighian tubule	3R:+:39163768-39163788	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_117095	SAMTIEQVAEAER	AGAP009701-PA	M3(Oxidation)	68	2.95E-06	2	1434.691	1.09	Salivary gland	3R:+:39163705-39163743	exon=> In CDS Exon 1 of transcript AGAP009701-PA
JHU_Ag_111911	DINDNAPVFAEDYRPILLENSPPSK	AGAP009711-PA,AGAP009713-PA,AGAP009717-PA,AGAP009723-PA	-	110	1.22E-10	1	2814.402	2.46	Head	3R:+:39467514-39467588;3R:-:39509979-39509905;3R:+:40252131-40252205;3R:-:41210903-41210829	exon=> In CDS Exon 3 of transcript AGAP009711-PA;exon=> In CDS Exon 3 of transcript AGAP009713-PA;exon=> In CDS Exon 6 of transcript AGAP009717-PA;exon=> In CDS Exon 5 of transcript AGAP009723-PA
JHU_Ag_21764	LEQEVLQR	AGAP009720-PA	Q3(Deamidated), Q7(Deamidated)	40	0.001873607	1	1016.526	-0.35	Midgut	3R:-:40918775-40918752	exon=> In CDS Exon 2 of transcript AGAP009720-PA
JHU_Ag_61921	LEQEVLQR	AGAP009720-PA	Q3(Deamidated), Q7(Deamidated)	35	0.004739052	1	1016.527	1.39	Ovary	3R:-:40918775-40918752	exon=> In CDS Exon 2 of transcript AGAP009720-PA
JHU_Ag_106085	LEQEVLQR	AGAP009720-PA	Q3(Deamidated), Q7(Deamidated)	36	0.004948949	1	1016.526	0.31	Pupa	3R:-:40918775-40918752	exon=> In CDS Exon 2 of transcript AGAP009720-PA
JHU_Ag_146	DLNDMPPQFTK	AGAP009722-PA	M5(Oxidation)	65	3.65E-06	2	1321.609	-0.31	Head	3R:-:40963879-40963847	exon=> In CDS Exon 2 of transcript AGAP009722-PA
JHU_Ag_25760	LNLTNNAEELDTTVLK	AGAP009724-PA	-	54	4.61E-05	1	1787.951	6.92	Head	3R:-:41532638-41532591	exon=> In CDS Exon 5 of transcript AGAP009724-PA
JHU_Ag_70237	NFSNYSSWHYR	AGAP009724-PA	-	57	1.22E-05	2	1460.632	-1.59	Midgut	3R:-:41533583-41533551	exon=> In CDS Exon 5 of transcript AGAP009724-PA
JHU_Ag_79357	GYYLDLASK	AGAP009724-PA	-	35	0.003341491	2	1029.527	1.81	Midgut	3R:-:41532860-41532834	exon=> In CDS Exon 5 of transcript AGAP009724-PA
JHU_Ag_82277	QHLTK	AGAP009724-PA	-	30	0.003051504	1	626.361	-1.93	Head	3R:-:41532902-41532888	exon=> In CDS Exon 5 of transcript AGAP009724-PA
JHU_Ag_31534	VIIHVK	AGAP009725-PA	-	39	3.86E-05	1	708.475	-1.94	Male reproductive organs	3R:+:41601309-41601326	exon=> In CDS Exon 3 of transcript AGAP009725-PA
JHU_Ag_32044	FSQQVYTPNVDENAGPNTLVTTVVASDKDGDNVR	AGAP009725-PA	-	109	1.18E-10	1	3650.774	4.75	Head	3R:+:41602522-41602623	exon=> In CDS Exon 5 of transcript AGAP009725-PA
JHU_Ag_40474	AQGQGAGTFNIGPTSGIVK	AGAP009725-PA	-	100	1.60E-09	1	1802.938	-0.82	Head	3R:+:41601920-41601976	exon=> In CDS Exon 4 of transcript AGAP009725-PA
JHU_Ag_62150	EQETVLEGEPIGTK	AGAP009725-PA	-	76	3.54E-07	2	1529.772	1.78	Head	3R:+:41637515-41637556	exon=> In CDS Exon 11 of transcript AGAP009725-PA
JHU_Ag_67239	IEFTEADGDTEGR	AGAP009725-PA	-	68	1.16E-06	2	1439.626	-1.68	Head	3R:+:41576941-41576979	exon=> In CDS Exon 1 of transcript AGAP009725-PA
JHU_Ag_71223	RIEFTEADGDTEGR	AGAP009725-PA	-	89	1.66E-08	1	1595.724	-3.31	Head	3R:+:41576938-41576979	exon=> In CDS Exon 1 of transcript AGAP009725-PA
JHU_Ag_78999	DPDTDHNIHYFIVR	AGAP009725-PA	-	84	5.62E-08	1	1741.826	-1.7	Head	3R:+:41601435-41601476	exon=> In CDS Exon 3 of transcript AGAP009725-PA

JHU_Ag_104190	VEEGAPNGSPVIK	AGAP009725-PA	-	45	0.000447936	1	1296.680	0.1	Head	3R:+:41602882-41602920	exon=> In CDS Exon 5 of transcript AGAP009725-PA
JHU_Ag_107849	ASSGIEGNPTVFYR	AGAP009725-PA	-	70	1.40E-06	2	1497.734	0.35	Head	3R:+:41608055-41608059,41623157-41623193	exon=> In CDS Exon 9 and 10 of transcript AGAP009725-PA
JHU_Ag_545	LLIDFGSGTLELR	AGAP009726-PA	-	119	6.39E-12	1	1433.807	5.14	Head	3R:+:41758583-41758621	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_7489	YALSFEPDRFSTQIQLR	AGAP009726-PA	-	70	1.21E-06	1	2071.069	3.94	Head	3R:+:41759174-41759224	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_13888	VYVYDLDDWDLPDKK	AGAP009726-PA	-	34	0.006116972	1	1883.908	0.96	Head	3R:+:41757557-41757601	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_32176	DIFVYNYLGQAPDTQIGR	AGAP009726-PA	-	76	3.76E-07	2	2070.030	0.33	Head	3R:+:41757503-41757556	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_35108	NVIEEETGSPIFEIEADTGVIK	AGAP009726-PA	-	95	4.27E-09	2	2390.201	1.68	Head	3R:+:41756267-41756332	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_41765	RADSDPNAPPFDDLR	AGAP009726-PA	-	34	0.0054185	2	1685.790	1.45	Head	3R:+:41774467-41774511	exon=> In CDS Exon 10 of transcript AGAP009726-PA
JHU_Ag_42744	YGLSCSCPTGYTGPR	AGAP009726-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	70	6.09E-07	1	1675.717	-2.09	Head	3R:+:41758328-41758372	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_51942	VDVLAECTCGAR	AGAP009726-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	87	2.40E-08	2	1350.617	2.13	Head	3R:+:41758223-41758258	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_67586	DINDMPPQFTK	AGAP009726-PA	M5(Oxidation)	65	3.65E-06	2	1321.609	-0.31	Head	3R:+:41756444-41756476	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_69007	DRPQNIVYFLTGQGIDPDNPANSK	AGAP009726-PA	-	70	1.36E-06	3	2659.324	4.96	Head	3R:+:41747180-41747251	exon=> In CDS Exon 4 of transcript AGAP009726-PA
JHU_Ag_84380	NSVAGCPQTEEVCSQSEQTSR	AGAP009726-PA	C6(Carbamidomethyl), C13(Carbamidomethyl)	27	0.009031123	3	2353.996	-1.1	Head	3R:+:41758982-41759044	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_88124	FSTQIQLR	AGAP009726-PA	-	55	3.14E-05	2	992.551	-1.14	Head	3R:+:41759201-41759224	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_89457	IVQPLDYEDPLQSNGFR	AGAP009726-PA	-	79	2.11E-07	1	1990.996	4.73	Head	3R:+:41756663-41756713	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_96123	IAGITDEDFIR	AGAP009726-PA	-	59	2.09E-05	2	1249.644	1.19	Head	3R:+:41757812-41757844	exon=> In CDS Exon 6 of transcript AGAP009726-PA
JHU_Ag_36029	IATNVSAGQPQDAVAR	AGAP009727-PA	-	57	2.24E-05	2	1597.831	1.03	Malpighian tubule	3R:-:41812670-41812623	exon=> In CDS Exon 1 of transcript AGAP009727-PA
JHU_Ag_279	INPIKEMELIGK	AGAP009730-PA	M7(Oxidation)	30	0.008146407	1	1400.786	2.75	Head	3R:-:41855009-41854974	exon=> In CDS Exon 11 of transcript AGAP009730-PA
JHU_Ag_4161	SPIQSATPMSSVYSPIPYAR	AGAP009730-PA	M9(Oxidation)	118	2.28E-11	1	2152.084	4.48	Head	3R:-:41855285-41855226	exon=> In CDS Exon 11 of transcript AGAP009730-PA
JHU_Ag_6859	LGELIGSGVCAK	AGAP009730-PA	C10(Carbamidomethyl)	54	6.29E-05	2	1203.644	3.19	Head	3R:-:41860147-41860112	exon=> In CDS Exon 1 of transcript AGAP009730-PA
JHU_Ag_7392	ETDGMTELESFEVISK	AGAP009730-PA	M5(Oxidation)	98	2.16E-09	2	1814.842	3.13	Head	3R:-:41858025-41857978	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_7998	NPDHRPFIMEVIEHPFLTQVPENDYHLSQELK	AGAP009730-PA	M9(Oxidation)	51	8.09E-05	1	3888.920	4.86	Head	3R:-:41859263-41859466,41858843-41859101	exon=> In CDS Exon 4 and 3 of transcript AGAP009730-PA
JHU_Ag_8811	SDLEYRPK	AGAP009730-PA	-	52	0.000111217	1	1007.515	-0.36	Head	3R:-:41856872-41856849	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_10896	GVFSFIDDASR	AGAP009730-PA	-	77	1.98E-07	2	1213.586	0.94	Visceras	3R:-:41857400-41857368	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_12043	LLDFSLEGGR	AGAP009730-PA	-	65	4.73E-06	2	1106.584	-0.51	Head	3R:-:41858253-41858224	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_12811	IPFQEFLR	AGAP009730-PA	-	60	8.28E-06	2	1049.579	1.08	Head	3R:-:41856758-41856735	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_13136	LHVEDLAALEQLSEETILEEITQR	AGAP009730-PA	Q23(Deamidated)	124	3.88E-12	1	2779.448	4.33	Head	3R:-:41859001-41858930	exon=> In CDS Exon 4 of transcript AGAP009730-PA

JHU_Ag_18312	LYETQVK	AGAP009730-PA	-	42	0.000809601	1	880.477	-0.99	Head	3R:-:41856581-41856561	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_19840	RASGHEFTVAHYTGR	AGAP009730-PA	-	56	3.97E-05	1	1688.824	-0.44	Head	3R:-:41857304-41857260	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_22178	TLSIGPNSGGTHFVR	AGAP009730-PA	-	116	3.60E-11	1	1542.804	1.37	Head	3R:-:41856926-41856882	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_23815	SDNAPHVFAIADSAYQDMLHHEEPQHIILAGESYSGK	AGAP009730-PA	M18(Oxidation)	113	4.75E-11	1	4093.903	1.06	Head	3R:-:41858737-41858627	exon=> In CDS Exon 5 of transcript AGAP009730-PA
JHU_Ag_24715	NLSSEITK	AGAP009730-PA	-	49	0.000174223	1	891.483	4.92	Head	3R:-:41855532-41855509	exon=> In CDS Exon 10 of transcript AGAP009730-PA
JHU_Ag_24823	QMVNQDSQDEAALK	AGAP009730-PA	M2(Oxidation)	86	3.66E-08	1	1592.728	3.79	Head	3R:-:41856387-41856346	exon=> In CDS Exon 9 of transcript AGAP009730-PA
JHU_Ag_26576	TLAAILLLGEVR	AGAP009730-PA	-	107	2.27E-11	1	1268.798	3.2	Head	3R:-:41858067-41858032	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_26711	MLAESVQSTQLPK	AGAP009730-PA	M1(Oxidation)	103	8.66E-10	2	1447.750	2.76	Head	3R:-:41859100-41859062	exon=> In CDS Exon 4 of transcript AGAP009730-PA
JHU_Ag_28435	MDGPGDVGQHSLANEPFHR	AGAP009730-PA	M1(Oxidation)	120	8.85E-12	1	2079.924	-3.2	Head	3R:-:41855487-41855431	exon=> In CDS Exon 10 of transcript AGAP009730-PA
JHU_Ag_30835	YQFLAFDFDENVEMTR	AGAP009730-PA	M14(Oxidation)	95	2.45E-09	2	2040.905	1.83	Head	3R:-:41856731-41856684	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_36723	FSATSFDETGSVGTGK	AGAP009730-PA	-	121	9.66E-12	2	1590.733	2.94	Head	3R:-:41855198-41855151	exon=> In CDS Exon 11 of transcript AGAP009730-PA
JHU_Ag_39149	DVLAATIYSR	AGAP009730-PA	-	75	3.44E-07	1	1108.600	0.58	Head	3R:-:41857854-41857825	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_40779	HSVTVTDHFGFECFHR	AGAP009730-PA	C13(Carbamidomethyl)	52	6.48E-05	1	1975.890	1.49	Head	3R:-:41857690-41857643	exon=> In CDS Exon 7 of transcript AGAP009730-PA
JHU_Ag_45821	HLGVLGEGNPGVYER	AGAP009730-PA	-	110	1.44E-10	1	1596.817	2.5	Head	3R:-:41858599-41858555	exon=> In CDS Exon 5 of transcript AGAP009730-PA
JHU_Ag_46340	ALSALTNAGTPLNPNSTR	AGAP009730-PA	-	84	3.98E-08	1	1797.952	3.69	Head	3R:-:41858536-41858483	exon=> In CDS Exon 5 of transcript AGAP009730-PA
JHU_Ag_47968	ASGHEFTVAHYTGR	AGAP009730-PA	-	104	7.35E-10	1	1532.730	4.1	Head	3R:-:41857301-41857260	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_49291	AMFQIVR	AGAP009730-PA	M2(Oxidation)	33	0.006379481	2	880.470	-0.82	Head	3R:-:41859362-41859342	exon=> In CDS Exon 3 of transcript AGAP009730-PA
JHU_Ag_49433	ASELQLAYILR	AGAP009730-PA	-	82	3.74E-08	1	1276.730	2.76	Head	3R:-:41859781-41859749	exon=> In CDS Exon 2 of transcript AGAP009730-PA
JHU_Ag_50211	GSNILLTK	AGAP009730-PA	-	64	3.32E-06	2	845.509	-0.71	Head	3R:-:41859688-41859665	exon=> In CDS Exon 2 of transcript AGAP009730-PA
JHU_Ag_51467	NPPPTLYR	AGAP009730-PA	-	40	0.001012705	2	957.518	2.84	Head	3R:-:41859341-41859318	exon=> In CDS Exon 3 of transcript AGAP009730-PA
JHU_Ag_53035	LVDWITNTINQK	AGAP009730-PA	-	74	5.20E-07	1	1444.781	0.81	Head	3R:-:41857824-41857789	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_55514	IMFSNQLSR	AGAP009730-PA	M2(Oxidation)	52	7.15E-05	1	1111.553	-3.02	Head	3R:-:41857160-41857134	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_56863	SIVQAQLTFGSTGK	AGAP009730-PA	-	91	6.30E-09	2	1436.780	3.67	Head	3R:-:41858482-41858441	exon=> In CDS Exon 5 of transcript AGAP009730-PA
JHU_Ag_57334	MDGPGDVGQHSLANEPFHRDPSLPIK	AGAP009730-PA	M1(Oxidation)	97	2.85E-09	1	2830.360	0.85	Head	3R:-:41855487-41855410	exon=> In CDS Exon 10 of transcript AGAP009730-PA
JHU_Ag_59782	LCDYGLAR	AGAP009730-PA	C2(Carbamidomethyl)	64	4.13E-06	1	967.469	2.7	Head	3R:-:41859649-41859626	exon=> In CDS Exon 2 of transcript AGAP009730-PA
JHU_Ag_61691	TGNLTMAAEDALGMLVDKPTK	AGAP009730-PA	M6(Oxidation), M14(Oxidation)	55	4.62E-05	1	2208.094	2.57	Head	3R:-:41857133-41857071	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_62807	YYNVEYLQR	AGAP009730-PA	-	63	8.66E-06	1	1247.606	0.39	Head	3R:-:41856608-41856582	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_64306	DAANVVYQSKPTERPK	AGAP009730-PA	-	87	2.84E-08	1	1802.938	-1.15	Head	3R:-:41854695-41854648	exon=> In CDS Exon 12 of transcript AGAP009730-PA

JHU_Ag_67490	AMAILDTAR	AGAP009730-PA	M2(Oxidation)	38	0.002447041	2	977.511	2.59	Head	3R:-:41856812-41856786	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_69652	IFVFEMIEMEEEQVPVTPLHYYDNK	AGAP009730-PA	M6(Oxidation), M9(Oxidation)	119	1.68E-11	1	3132.466	2.55	Head	3R:-:41857576-41857700,41856473-41857434	exon=> In CDS Exon 8 and 7 of transcript AGAP009730-PA
JHU_Ag_69982	IETLPDPGNRYK	AGAP009730-PA	-	38	0.002339483	1	1402.733	0.63	Head	3R:-:41860183-41860148	exon=> In CDS Exon 1 of transcript AGAP009730-PA
JHU_Ag_71926	YCRDDIAGNVR	AGAP009730-PA	C2(Carbamidomethyl)	65	4.37E-06	1	1338.627	4.13	Head	3R:-:41858172-41858140	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_71957	HGQNYIIDSIHTNK	AGAP009730-PA	N4(Deamidated),Q3(Deamidated)	120	1.86E-11	1	1639.813	-3.7	Head	3R:-:41857361-41857320	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_74339	ASGEPIIK	AGAP009730-PA	-	36	0.002232604	2	814.467	-0.49	Head	3R:-:41857184-41857161	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_74912	NPALLGPQRPAVWK	AGAP009730-PA	-	84	1.29E-08	1	1546.893	4.79	Head	3R:-:41855706-41855665	exon=> In CDS Exon 10 of transcript AGAP009730-PA
JHU_Ag_75760	LAVDHILTKPK	AGAP009730-PA	-	93	6.21E-10	1	1234.753	1.12	Head	3R:-:41857433-41857401	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_76808	SMYQVLLQYR	AGAP009730-PA	M2(Oxidation)	72	1.17E-06	1	1316.673	4.94	Head	3R:-:41856216-41856187	exon=> In CDS Exon 9 of transcript AGAP009730-PA
JHU_Ag_80961	KEEVAVVR	AGAP009730-PA	-	46	0.000313188	1	929.539	-3.17	Head	3R:-:41859061-41859038	exon=> In CDS Exon 4 of transcript AGAP009730-PA
JHU_Ag_82705	TIAGVFR	AGAP009730-PA	-	39	0.000992995	2	763.449	3.37	Head	3R:-:41856971-41856951	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_82968	LDAETAEFMKPFVYR	AGAP009730-PA	M9(Oxidation)	103	8.50E-10	1	1832.892	1.93	Head	3R:-:41856273-41856229	exon=> In CDS Exon 9 of transcript AGAP009730-PA
JHU_Ag_84837	NHIDQLVVNALNEQMQYLYNQR	AGAP009730-PA	M15(Oxidation),"Q14(Deamidated), M15(Oxidation)"	169	1.98E-16	1	2719.328	0.97	Head	3R:-:41857642-41857577	exon=> In CDS Exon 7 of transcript AGAP009730-PA
JHU_Ag_86195	HANLIDFYGIYR	AGAP009730-PA	-	79	1.86E-07	1	1481.754	-0.02	Head	3R:-:41859988-41859953	exon=> In CDS Exon 1 of transcript AGAP009730-PA
JHU_Ag_86434	TAIQEEFR	AGAP009730-PA	-	58	2.54E-05	2	993.499	-1.46	Head	3R:-:41860033-41860010	exon=> In CDS Exon 1 of transcript AGAP009730-PA
JHU_Ag_87635	LSPHHVVEPYAVNRPR	AGAP009730-PA	-	73	3.70E-07	1	1871.007	1.94	Head	3R:-:41855333-41855286	exon=> In CDS Exon 11 of transcript AGAP009730-PA
JHU_Ag_88366	ATSLELFK	AGAP009730-PA	-	41	0.000671141	2	908.512	3.8	Head	3R:-:41856950-41856927	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_105577	DFIPPEMVETLR	AGAP009730-PA	-	59	2.59E-05	2	1446.732	1.5	Head	3R:-:41857220-41857185	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_107481	QSNWSQEYNDFIAECLEK	AGAP009730-PA	C15(Carbamidomethyl)	86	1.82E-08	2	2260.985	1.67	Head	3R:-:41859317-41859264	exon=> In CDS Exon 3 of transcript AGAP009730-PA
JHU_Ag_108957	LVAGFATSSNCIMLDK	AGAP009730-PA	C11(Carbamidomethyl), M13(Oxidation)	79	1.92E-07	2	1742.845	0.07	Head	3R:-:41855772-41855725	exon=> In CDS Exon 10 of transcript AGAP009730-PA
JHU_Ag_109807	IETLPDPGNR	AGAP009730-PA	-	45	0.000328448	2	1111.578	3.4	Head	3R:-:41860183-41860154	exon=> In CDS Exon 1 of transcript AGAP009730-PA
JHU_Ag_110351	IPFQEFLR	AGAP009730-PA	-	41	0.001001852	1	1049.578	0.15	Visceras	3R:-:41856758-41856735	exon=> In CDS Exon 8 of transcript AGAP009730-PA
JHU_Ag_111695	HTADEAR	AGAP009730-PA	-	30	0.006954106	2	799.368	-2.02	Head	3R:-:41857884-41857864	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_112189	YQDLVNLSQQVHIYNQR	AGAP009730-PA	-	120	1.65E-11	1	2118.078	2.39	Head	3R:-:41856177-41856398,41855408-41855773	exon=> In CDS Exon 10 and 9 of transcript AGAP009730-PA
JHU_Ag_114240	IATLLQLDEK	AGAP009730-PA	-	45	0.000259512	1	1143.660	-2.06	Head	3R:-:41857977-41857948	exon=> In CDS Exon 6 of transcript AGAP009730-PA
JHU_Ag_117111	GVFSFIDDASR	AGAP009730-PA	-	68	1.75E-06	2	1213.586	1.24	Head	3R:-:41857400-41857368	exon=> In CDS Exon 8 of transcript AGAP009730-PA

JHU_Ag_46742	LLLLR	AGAP009730-PA,AGAP000985-PA	-	20	0.005597189	1	627.458	3.92	Head	3R:-:41856671-41856657;X:+:18923615-18923629	exon=> In CDS Exon 8 of transcript AGAP009730-PA;exon=> In CDS Exon 3 of transcript AGAP000985-PA
JHU_Ag_81758	AFLAK	AGAP009730-PA,AGAP001112-PA,AGAP003414-PA	-	40	9.34E-05	1	549.338	-2.67	Head	3R:-:41856530-41856516;2R:-:302875-302861;2R:-:37464799-37464785	exon=> In CDS Exon 8 of transcript AGAP009730-PA;exon=> In CDS Exon 1 of transcript AGAP001112-PA;exon=> In CDS Exon 1 of transcript AGAP003414-PA
JHU_Ag_820	ESETAAPGEKPQFIGVR	AGAP009736-PA	-	52	9.33E-05	2	1815.924	0.46	Midgut	3R:+:42045810-42045860	exon=> In CDS Exon 8 of transcript AGAP009736-PA
JHU_Ag_3428	FIFILLGPPGSHGSFHEIGR	AGAP009736-PA	-	41	0.000688802	1	2181.164	1.8	Midgut	3R:+:42044144-42044203	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_20792	APFYLSDFK	AGAP009736-PA	-	35	0.003973836	1	1087.547	0.71	Malpighian tubule	3R:+:42044519-42044545	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_26150	LFGGLINDLKR	AGAP009736-PA	-	51	2.05E-05	1	1245.739	6.21	Malpighian tubule	3R:+:42044483-42044515	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_26915	EEIDEELEEQR	AGAP009736-PA	-	54	3.01E-05	2	1418.630	0.94	Head	3R:+:42044414-42044446	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_46273	LFGGLINDLK	AGAP009736-PA	-	65	2.30E-06	2	1089.629	-1.38	Midgut	3R:+:42044483-42044512	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_53473	KSLDYIFTK	AGAP009736-PA	-	40	0.001126467	1	1114.614	-0.12	Midgut	3R:+:42046306-42046332	exon=> In CDS Exon 9 of transcript AGAP009736-PA
JHU_Ag_55619	LNTASVMGDLTEVPVPTR	AGAP009736-PA	-	93	6.45E-09	2	1899.988	1.86	Midgut	3R:+:42044005-42044057,42044143-42044143	exon=> In CDS Exon 5 and 6 of transcript AGAP009736-PA
JHU_Ag_62063	MDHGVVDEEAPIDPR	AGAP009736-PA	N-Term(Acetyl), M1(Oxidation)	78	1.62E-07	1	1737.777	0.99	Head	3R:+:42036465-42036509	exon=> In CDS Exon 1 of transcript AGAP009736-PA
JHU_Ag_70617	AHTVFVGVHIPGSSR	AGAP009736-PA	-	85	3.17E-08	1	1563.840	0.43	Head	3R:+:42037414-42037458	exon=> In CDS Exon 2 of transcript AGAP009736-PA
JHU_Ag_85203	EEIDEELEEQR	AGAP009736-PA	-	57	1.22E-05	2	1418.628	-0.35	Midgut	3R:+:42044414-42044446	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_94133	FIFILLGPPGSHGSFHEIGR	AGAP009736-PA	-	56	1.75E-05	1	2181.168	3.4	Malpighian tubule	3R:+:42044144-42044203	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_103868	LFGGLINDLKR	AGAP009736-PA	-	77	7.44E-08	1	1245.731	-0.26	Midgut	3R:+:42044483-42044515	exon=> In CDS Exon 6 of transcript AGAP009736-PA
JHU_Ag_109892	IPPGAEASNILVGEVDFLDK	AGAP009736-PA	-	82	6.21E-08	2	2084.097	3.04	Head	3R:+:42043924-42043983	exon=> In CDS Exon 5 of transcript AGAP009736-PA
JHU_Ag_42231	IGELFLEER	AGAP009737-PA	-	67	3.30E-06	2	1105.588	-1.17	Salivary gland	3R:-:42053929-42053903	exon=> In CDS Exon 2 of transcript AGAP009737-PA
JHU_Ag_44914	VLDGAVLVLCSVGGVQSQTLTVNR	AGAP009737-PA	C10(Carbamidomethyl)	39	0.000622605	3	2485.356	4.47	Visceras	3R:-:42054310-42054239	exon=> In CDS Exon 2 of transcript AGAP009737-PA
JHU_Ag_54941	KGDNIFNTR	AGAP009737-PA	-	49	0.000231244	1	1064.552	3.22	Malpighian tubule	3R:-:42053587-42053561	exon=> In CDS Exon 2 of transcript AGAP009737-PA
JHU_Ag_59350	RQELIEHLSNVDEK	AGAP009737-PA	-	34	0.005027683	1	1709.887	2.95	Visceras	3R:-:42053971-42053930	exon=> In CDS Exon 2 of transcript AGAP009737-PA
JHU_Ag_78738	FGQLTYLR	AGAP009737-PA	-	44	0.000341254	2	997.546	-0.38	Salivary gland	3R:-:42053632-42053609	exon=> In CDS Exon 2 of transcript AGAP009737-PA
JHU_Ag_111337	IGELFLEER	AGAP009737-PA	-	70	1.58E-06	2	1105.589	0.05	Midgut	3R:-:42053929-42053903	exon=> In CDS Exon 2 of transcript AGAP009737-PA
JHU_Ag_1858	SHFITVEIERPFWK	AGAP009738-PA	-	42	0.000773325	2	1788.953	5.35	Head	3R:+:42055818-42055852,42055955-42055961	exon=> In CDS Exon 2 and 3 of transcript AGAP009738-PA
JHU_Ag_2139	SHFITVEIERPFWK	AGAP009738-PA	-	109	1.69E-10	1	1788.943	-0.32	Midgut	3R:+:42055818-42055852,42055955-42055961	exon=> In CDS Exon 2 and 3 of transcript AGAP009738-PA

JHU_Ag_6996	ALESAPEK	AGAP009738-PA	-	51	0.000102134	1	844.443	2.35	Ovary	3R:+:42055794-42055817	exon=> In CDS Exon 2 of transcript AGAP009738-PA
JHU_Ag_9264	THLVFLPTLLR	AGAP009738-PA	-	34	0.000317263	1	1309.804	3.91	Larva	3R:+:42055995-42056027	exon=> In CDS Exon 3 of transcript AGAP009738-PA
JHU_Ag_15805	THLVFLPTLLR	AGAP009738-PA	-	57	2.20E-06	1	1309.801	1.4	Head	3R:+:42055995-42056027	exon=> In CDS Exon 3 of transcript AGAP009738-PA
JHU_Ag_16600	DENGESWCPYCVK	AGAP009738-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	49	2.04E-05	1	1643.649	1.26	Head	3R:+:42055532-42055570	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_26512	THLVFLPTLLR	AGAP009738-PA	-	49	1.31E-05	2	1309.800	0.46	Male reproductive organs	3R:+:42055995-42056027	exon=> In CDS Exon 3 of transcript AGAP009738-PA
JHU_Ag_30184	LAESLESTGEPVHILFTGSK	AGAP009738-PA	-	91	8.77E-09	1	2115.103	3.02	Malpighian tubule	3R:+:42055472-42055531	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_35649	VTGYEEFTK	AGAP009738-PA	-	38	0.001239657	1	1073.516	1.08	Ovary	3R:+:42055445-42055471	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_36358	AAPVVTK	AGAP009738-PA	-	42	0.000338847	1	685.426	2.01	Midgut	3R:+:42055571-42055571,42055774-42055793	exon=> In CDS Exon 1 and 2 of transcript AGAP009738-PA
JHU_Ag_39076	ALESAPEKSHFITVEIERPFWK	AGAP009738-PA	-	52	6.52E-05	1	2614.368	0.5	Malpighian tubule	3R:+:42055794-42055852,42055955-42055961	exon=> In CDS Exon 2 and 3 of transcript AGAP009738-PA
JHU_Ag_39949	LAESLESTGEPVHILFTGSK	AGAP009738-PA	-	139	1.58E-13	1	2115.100	1.64	Midgut	3R:+:42055472-42055531	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_47166	AAPVVTK	AGAP009738-PA	-	42	0.000192806	1	685.424	-0.21	Head	3R:+:42055571-42055571,42055774-42055793	exon=> In CDS Exon 1 and 2 of transcript AGAP009738-PA
JHU_Ag_51058	DENGESWCPYCVK	AGAP009738-PA	C8(Carbamidomethyl), C11(Carbamidomethyl),"N3(Deamidated), C8(Carbamidomethyl), C11(Carbamidomethyl)"	59	2.07E-06	1	1643.651	2.68	Midgut	3R:+:42055532-42055570	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_61329	LAESLESTGEPVHILFTGSK	AGAP009738-PA	-	117	2.18E-11	1	2115.104	3.49	Visceras	3R:+:42055472-42055531	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_67058	LAESLESTGEPVHILFTGSK	AGAP009738-PA	-	128	1.69E-12	1	2115.104	3.49	Head	3R:+:42055472-42055531	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_67373	SHFITVEIERPFWK	AGAP009738-PA	-	91	8.17E-09	1	1788.952	4.66	Ovary	3R:+:42055818-42055852,42055955-42055961	exon=> In CDS Exon 2 and 3 of transcript AGAP009738-PA
JHU_Ag_73881	LAESLESTGEPVHILFTGSK	AGAP009738-PA	-	144	4.76E-14	1	2115.099	0.83	Ovary	3R:+:42055472-42055531	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_78492	THLVFLPTLLR	AGAP009738-PA	-	57	2.08E-06	1	1309.799	-0.37	Ovary	3R:+:42055995-42056027	exon=> In CDS Exon 3 of transcript AGAP009738-PA
JHU_Ag_82934	THLVFLPTLLR	AGAP009738-PA	-	57	2.29E-06	1	1309.802	2.14	Midgut	3R:+:42055995-42056027	exon=> In CDS Exon 3 of transcript AGAP009738-PA
JHU_Ag_86321	SHFITVEIERPFWK	AGAP009738-PA	-	97	2.41E-09	1	1788.951	4.19	Malpighian tubule	3R:+:42055818-42055852,42055955-42055961	exon=> In CDS Exon 2 and 3 of transcript AGAP009738-PA
JHU_Ag_91405	THLVFLPTLLR	AGAP009738-PA	-	57	1.74E-06	1	1309.805	4.19	Malpighian tubule	3R:+:42055995-42056027	exon=> In CDS Exon 3 of transcript AGAP009738-PA
JHU_Ag_94274	THLVFLPTLLR	AGAP009738-PA	-	47	2.57E-05	1	1309.801	1.49	Visceras	3R:+:42055995-42056027	exon=> In CDS Exon 3 of transcript AGAP009738-PA
JHU_Ag_101424	LAESLESTGEPVHILFTGSKDENGESWCPYCVK	AGAP009738-PA	C28(Carbamidomethyl), C31(Carbamidomethyl)	44	0.000352475	1	3739.725	-0.29	Midgut	3R:+:42055472-42055570	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_103740	LAESLESTGEPVHILFTGSK	AGAP009738-PA	-	62	6.84E-06	1	2115.094	-1.25	Male reproductive organs	3R:+:42055472-42055531	exon=> In CDS Exon 1 of transcript AGAP009738-PA

JHU_Ag_105382	AAPVVTK	AGAP009738-PA	-	37	0.000598 96	1	685.425	1.3	Malpighian tubule	3R:+:42055571-42055571,42055774-42055793	exon=> In CDS Exon 1 and 2 of transcript AGAP009738-PA
JHU_Ag_111160	DENGESWCPYCVK	AGAP009738-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	50	1.98E-05	2	1643.652	3.12	Malpighian tubule	3R:+:42055532-42055570	exon=> In CDS Exon 1 of transcript AGAP009738-PA
JHU_Ag_8535	FGIPTGPFVGSR	AGAP009740-PA	-	42	0.000834 98	1	1234.660	1.82	Ovary	3R:+:42060043-42060078	exon=> In CDS Exon 3 of transcript AGAP009740-PA
JHU_Ag_19559	SAVESIEQNVK	AGAP009740-PA	-	47	0.000360 205	2	1203.624	1.94	Ovary	3R:+:42059407-42059439	exon=> In CDS Exon 2 of transcript AGAP009740-PA
JHU_Ag_30274	FLEGVPLTAILR	AGAP009740-PA	-	41	0.000176 21	2	1328.799	4.34	Ovary	3R:+:42060469-42060504	exon=> In CDS Exon 3 of transcript AGAP009740-PA
JHU_Ag_35817	FLEGVPLTAILR	AGAP009740-PA	-	49	3.24E-05	2	1328.796	1.86	Malpighian tubule	3R:+:42060469-42060504	exon=> In CDS Exon 3 of transcript AGAP009740-PA
JHU_Ag_83642	FTAIDLDPYGHPTR	AGAP009740-PA	-	68	2.16E-06	2	1602.795	2.24	Ovary	3R:+:42059596-42059637	exon=> In CDS Exon 3 of transcript AGAP009740-PA
JHU_Ag_38890	VFYHQTLSSAR	AGAP009741-PA	-	59	2.20E-05	1	1308.668	-1.26	Male reproductive organs	3R:+:42061457-42061489	exon=> In CDS Exon 1 of transcript AGAP009741-PA
JHU_Ag_51313	KPLPVPPETQPSKR	AGAP009741-PA	-	31	0.002717 868	1	1573.905	-0.48	Male reproductive organs	3R:+:42061385-42061426	exon=> In CDS Exon 1 of transcript AGAP009741-PA
JHU_Ag_90772	IIPLKHPLLIGGLK	AGAP009741-PA	-	40	4.62E-06	1	1512.003	-0.38	Male reproductive organs	3R:+:42061754-42061795	exon=> In CDS Exon 2 of transcript AGAP009741-PA
JHU_Ag_105189	LMNTGPHTPLTNPGYSR	AGAP009741-PA	M2(Oxidation)	89	2.13E-08	1	1871.906	-0.67	Male reproductive organs	3R:+:42061823-42061873	exon=> In CDS Exon 2 of transcript AGAP009741-PA
JHU_Ag_116285	NDVVLQEETLGR	AGAP009741-PA	-	89	1.81E-08	1	1372.707	0.51	Male reproductive organs	3R:+:42061670-42061705	exon=> In CDS Exon 2 of transcript AGAP009741-PA
JHU_Ag_8282	RDAEDALDAMDGR	AGAP009742-PA	M10(Oxidation)	55	1.68E-05	2	1450.616	-4.42	Head	3R:-:42066946-42066908	exon=> In CDS Exon 3 of transcript AGAP009742-PA
JHU_Ag_35840	DAEDALDAMDGR	AGAP009742-PA	M9(Oxidation)	64	1.12E-06	2	1294.521	-0.21	Male reproductive organs	3R:-:42066943-42066908	exon=> In CDS Exon 3 of transcript AGAP009742-PA
JHU_Ag_57035	DAEDALDAMDGR	AGAP009742-PA	M9(Oxidation)	106	5.96E-11	1	1294.522	0.55	Head	3R:-:42066943-42066908	exon=> In CDS Exon 3 of transcript AGAP009742-PA
JHU_Ag_61434	IDGMISLK	AGAP009742-PA	M4(Oxidation)	54	5.64E-05	2	892.482	1.09	Ovary	3R:-:42067521-42067498	exon=> In CDS Exon 1 of transcript AGAP009742-PA
JHU_Ag_88780	DAEDALDAMDGR	AGAP009742-PA	M9(Oxidation)	70	3.68E-07	2	1278.530	2.5	Malpighian tubule	3R:-:42066943-42066908	exon=> In CDS Exon 3 of transcript AGAP009742-PA
JHU_Ag_102930	CGEVGDIYIPR	AGAP009742-PA	C1(Carbamidomethyl)	75	5.55E-07	2	1278.616	1.27	Ovary	3R:-:42067112-42067080	exon=> In CDS Exon 2 of transcript AGAP009742-PA
JHU_Ag_3316	VASLGTHPETNIEGDVK	AGAP009743-PA	-	37	0.002768 129	1	1766.899	3.9	Malpighian tubule	3R:+:42070622-42070672	exon=> In CDS Exon 6 of transcript AGAP009743-PA
JHU_Ag_21099	NADLLENPLQDEK	AGAP009743-PA	-	68	1.82E-06	2	1498.734	-2.69	Midgut	3R:+:42070447-42070458,42070517-42070543	exon=> In CDS Exon 5 and 6 of transcript AGAP009743-PA
JHU_Ag_107333	LIFLGTGSSIPNK	AGAP009743-PA	N12(Deamidated)	28	0.011785 079	1	1347.766	10.45	Midgut	3R:+:42069914-42069952	exon=> In CDS Exon 3 of transcript AGAP009743-PA
JHU_Ag_17146	ILEEDSSYGDADYYSR	AGAP009744-PA	-	134	2.10E-13	1	1882.797	-0.33	Head	3R:-:42077921-42077874	exon=> In CDS Exon 5 of transcript AGAP009744-PA
JHU_Ag_38932	SLAEIEAFFAGK	AGAP009745-PA	-	37	0.002337 79	2	1282.671	2.41	Head	3R:-:42109863-42109828	exon=> In CDS Exon 4 of transcript AGAP009745-PA
JHU_Ag_61401	SLAEIEAFFAGK	AGAP009745-PA	-	67	2.12E-06	2	1282.673	4.22	Malpighian tubule	3R:-:42109863-42109828	exon=> In CDS Exon 4 of transcript AGAP009745-PA
JHU_Ag_74756	SLAEIEAFFAGK	AGAP009745-PA	-	74	4.55E-07	2	1282.669	1.27	Midgut	3R:-:42109863-42109828	exon=> In CDS Exon 4 of transcript AGAP009745-PA
JHU_Ag_93433	SLAEIEAFFAGK	AGAP009745-PA	-	68	2.14E-06	2	1282.669	0.51	Salivary gland	3R:-:42109863-42109828	exon=> In CDS Exon 4 of transcript AGAP009745-PA
JHU_Ag_8639	SPHGIPIDLLDR	AGAP009746-PA	-	63	5.56E-06	1	1332.728	0.41	Ovary	3R:+:42128379-42128414	exon=> In CDS Exon 1 of transcript AGAP009746-PA

JHU_Ag_9931	TTDMETNYDLGNK	AGAP009746-PA	M4(Oxidation)	85	1.78E-08	1	1517.642	-0.63	Ovary	3R:+:42127848-42127886	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_11666	YAIQSITTASLVSK	AGAP009746-PA	-	92	3.17E-09	2	1481.821	0.04	Ovary	3R:+:42128556-42128597	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_19715	VYSLFLDEKR	AGAP009746-PA	-	39	0.001439521	1	1269.684	0.26	Male reproductive organs	3R:+:42128640-42128669	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_20809	EVVHTVSLHEIDVINSR	AGAP009746-PA	-	80	1.23E-07	1	1947.029	-0.02	Male reproductive organs	3R:+:42128064-42128114	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_27552	ALESDMAPVVVMATNR	AGAP009746-PA	M6(Oxidation), M12(Oxidation)	113	8.68E-11	1	1735.836	0.59	Ovary	3R:+:42128298-42128345	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_29569	TAIAVGMAQALGNETPFTSMSGSEIYSLEMNK	AGAP009746-PA	M7(Oxidation), M20(Oxidation), M30(Oxidation)	175	3.64E-17	1	3396.571	1.87	Ovary	3R:+:42127605-42127700	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_34607	GLGLDDVLEAR	AGAP009746-PA	-	85	4.03E-08	1	1157.616	-0.33	Ovary	3R:+:42127443-42127475	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_35090	IRCEEEDCQINNDALMVLGR	AGAP009746-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), M16(Oxidation)	118	1.52E-11	1	2451.106	-0.1	Ovary	3R:+:42128472-42128531	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_43464	GLGLDDVLEAR	AGAP009746-PA	-	59	1.57E-05	2	1157.617	1.15	Salivary gland	3R:+:42127443-42127475	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_46980	GTHYRSPHGIPIDLLDR	AGAP009746-PA	-	38	0.002307452	1	1947.014	-2.7	Male reproductive organs	3R:+:42128364-42128414	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_50072	FVQCPEGELQK	AGAP009746-PA	C4(Carbamidomethyl)	49	0.000165317	2	1334.641	-0.32	Male reproductive organs	3R:+:42128025-42128057	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_52281	IQAGDIITIDK	AGAP009746-PA	-	85	3.29E-08	1	1186.667	-0.57	Ovary	3R:+:42127914-42127946	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_52468	FVQCPEGELQK	AGAP009746-PA	C4(Carbamidomethyl)	75	4.35E-07	1	1334.641	0.23	Ovary	3R:+:42128025-42128057	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_56275	IIECFIK	AGAP009746-PA	C4(Carbamidomethyl)	42	0.000649886	1	922.508	1.33	Ovary	3R:+:42127887-42127907	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_56557	TTDMETNYDLGNK	AGAP009746-PA	M4(Oxidation)	64	2.10E-06	1	1517.652	6.37	Male reproductive organs	3R:+:42127848-42127886	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_62647	VYSLFLDEKR	AGAP009746-PA	-	65	3.50E-06	1	1269.685	0.83	Ovary	3R:+:42128640-42128669	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_66913	EVVHTVSLHEIDVINSR	AGAP009746-PA	-	105	3.71E-10	1	1947.033	1.96	Ovary	3R:+:42128064-42128114	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_79273	ALESDMAPVVVMATNR	AGAP009746-PA	M6(Oxidation), M12(Oxidation)	66	4.53E-06	1	1735.835	-0.32	Male reproductive organs	3R:+:42128298-42128345	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_81951	THGFLALFSGDTGEIK	AGAP009746-PA	-	82	8.99E-08	1	1692.859	-0.19	Ovary	3R:+:42128115-42128162	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_82643	THGFLALFSGDTGEIK	AGAP009746-PA	-	43	0.000712636	3	1692.858	-0.84	Head	3R:+:42128115-42128162	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_83288	GTHYRSPHGIPIDLLDR	AGAP009746-PA	-	53	7.15E-05	1	1947.018	-0.58	Ovary	3R:+:42128364-42128414	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_87131	IGAHSHIR	AGAP009746-PA	-	38	0.001727054	2	890.495	-0.08	Ovary	3R:+:42127419-42127442	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_92982	AAGIVVQMVR	AGAP009746-PA	M8(Oxidation)	73	4.97E-07	1	1059.598	0.3	Ovary	3R:+:42127518-42127547	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_93769	IIECFIK	AGAP009746-PA	C4(Carbamidomethyl)	47	0.000222903	2	922.507	-0.19	Male reproductive organs	3R:+:42127887-42127907	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_96091	YAIQSITTASLVSK	AGAP009746-PA	-	77	1.12E-07	1	1481.824	1.69	Male reproductive organs	3R:+:42128556-42128597	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_96172	GLGLDDVLEAR	AGAP009746-PA	-	75	4.04E-07	2	1157.617	0.51	Male reproductive organs	3R:+:42127443-42127475	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_96744	GLGLDDVLEAR	AGAP009746-PA	-	73	6.47E-07	1	1157.618	1.46	Malpighian tubule	3R:+:42127443-42127475	exon=> In CDS Exon 1 of transcript AGAP009746-PA

JHU_Ag_96837	IATETSLR	AGAP009746-PA	-	40	0.000955665	2	890.495	0.8	Ovary	3R:+:42128532-42128555	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_99975	YAIQSITTASLVSK	AGAP009746-PA	-	62	3.16E-06	2	1481.826	3.58	Salivary gland	3R:+:42128556-42128597	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_100531	TEALSQALR	AGAP009746-PA	-	75	5.04E-07	2	988.543	0.3	Ovary	3R:+:42127701-42127727	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_101935	CILLAGEPSTGK	AGAP009746-PA	C1(Carbamidomethyl)	42	0.000991079	1	1245.652	0.58	Ovary	3R:+:42127569-42127604	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_112663	EYQDEYLFYDDSLPK	AGAP009746-PA	-	45	0.000222748	2	1924.852	1.73	Male reproductive organs	3R:+:42128688-42128732	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_115347	AAEIMVEDIR	AGAP009746-PA	M5(Oxidation)	64	7.76E-06	1	1162.579	1.78	Ovary	3R:+:42128607-42128636	exon=> In CDS Exon 1 of transcript AGAP009746-PA
JHU_Ag_74478	VHGEATHALRPAVSFIPTVTLDGAQYVQK	AGAP009747-PA	-	96	8.77E-10	1	3105.672	7.54	Ovary	3R:-:42130335-42130249	exon=> In CDS Exon 2 of transcript AGAP009747-PA
JHU_Ag_88525	NFVLHQLQPAFDR	AGAP009747-PA	-	55	3.40E-05	1	1584.833	2.75	Malpighian tubule	3R:-:42130761-42130723	exon=> In CDS Exon 1 of transcript AGAP009747-PA
JHU_Ag_97293	APELMDIEFVPFGK	AGAP009747-PA	M5(Oxidation)	69	1.64E-06	2	1608.809	7.05	Larva	3R:-:42130722-42130681	exon=> In CDS Exon 1 of transcript AGAP009747-PA
JHU_Ag_97339	APELMDIEFVPFGK	AGAP009747-PA	M5(Oxidation)	113	7.23E-11	1	1608.797	-0.76	Midgut	3R:-:42130722-42130681	exon=> In CDS Exon 1 of transcript AGAP009747-PA
JHU_Ag_7989	LGYAALPADQFK	AGAP009751-PA	-	45	0.000486272	1	1293.687	2.22	Pupa	3R:+:42358488-42358523	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_12509	TDQLTNATLK	AGAP009751-PA	-	44	0.000541213	2	1104.588	-1.04	Pupa	3R:+:42358434-42358463	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_27697	AAADFAEVAK	AGAP009751-PA	-	73	8.60E-07	2	992.509	4.07	Malpighian tubule	3R:+:42358294-42358323	exon=> In CDS Exon 2 of transcript AGAP009751-PA
JHU_Ag_28308	LGAHVGWTDSQK	AGAP009751-PA	-	40	0.001346902	2	1298.648	-0.92	Pupa	3R:+:42360237-42360270,42360340-42360341	exon=> In CDS Exon 7 and 8 of transcript AGAP009751-PA
JHU_Ag_47480	AVAEELQQFK	AGAP009751-PA	-	57	3.12E-05	2	1162.609	-1.3	Pupa	3R:+:42358404-42358433	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_50869	AVAEELQQFK	AGAP009751-PA	-	43	0.000765026	2	1162.615	3.74	Male reproductive organs	3R:+:42358404-42358433	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_59221	TDQLTNATLK	AGAP009751-PA	-	39	0.001996124	2	1104.593	2.83	Larva	3R:+:42358434-42358463	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_69479	AAADFAEVAK	AGAP009751-PA	-	73	9.07E-07	1	992.503	-1.47	Pupa	3R:+:42358294-42358323	exon=> In CDS Exon 2 of transcript AGAP009751-PA
JHU_Ag_78937	AVAEELQQFK	AGAP009751-PA	-	45	0.000426262	2	1162.615	3.74	Larva	3R:+:42358404-42358433	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_87696	CDLSLDPELTEIFANHREPEELK	AGAP009751-PA	C1(Carbamidomethyl)	87	3.04E-08	1	2755.320	-1.46	Head	3R:+:42358602-42358670	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_91166	LLDVTDEMIR	AGAP009751-PA	M8(Oxidation)	46	0.000400977	2	1220.624	4.1	Larva	3R:+:42359151-42359180	exon=> In CDS Exon 5 of transcript AGAP009751-PA
JHU_Ag_96898	SILEKPTDGR	AGAP009751-PA	-	52	8.45E-05	1	1115.606	0.5	Pupa	3R:+:42359337-42359366	exon=> In CDS Exon 6 of transcript AGAP009751-PA
JHU_Ag_97754	ELLGAIASMESNYAK	AGAP009751-PA	M9(Oxidation)	110	1.62E-10	1	1612.797	4.98	Larva	3R:+:42358524-42358568	exon=> In CDS Exon 3 of transcript AGAP009751-PA
JHU_Ag_113541	LVFLPFAYTLDK	AGAP009751-PA,AGAP009754-PA,AGAP009755-PA,AGAP009756-PA	-	40	0.000496908	2	1426.805	4.72	Larva	3R:+:42359685-42359720;3R:+:42368033-42368068;3R:+:42371599-42371634;3R:+:42376530-42376565	exon=> In CDS Exon 6 of transcript AGAP009751-PA;exon=> In CDS Exon 4 of transcript AGAP009754-PA;exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_3635	HYGNDIVSEK	AGAP009752-PA	-	71	1.17E-06	1	1161.555	1.26	Pupa	3R:+:42364746-42364775	exon=> In CDS Exon 3 of transcript AGAP009752-PA

JHU_Ag_8850	KLTDLGYAALDETK	AGAP009752-PA	-	87	2.24E-08	2	1537.811	-0.11	Pupa	3R:+:42364247-42364288	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_10416	DFDEYVALNR	AGAP009752-PA	-	60	1.16E-05	1	1241.587	5.82	Larva	3R:+:42364490-42364519	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_15844	LTDLGYAALDETK	AGAP009752-PA	-	107	2.88E-10	2	1409.724	5.77	Larva	3R:+:42364250-42364288	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_20286	LPSTFWEK	AGAP009752-PA	-	39	0.002456469	2	1007.519	-0.49	Pupa	3R:+:42364965-42364972,42365032-42365047	exon=> In CDS Exon 3 and 4 of transcript AGAP009752-PA
JHU_Ag_29048	KHYGNDIVSEK	AGAP009752-PA	-	38	0.002701153	1	1289.656	5.7	Larva	3R:+:42364743-42364775	exon=> In CDS Exon 3 of transcript AGAP009752-PA
JHU_Ag_32615	GPIPIHLLGNMWGQTWDNIADITTPFPNKK	AGAP009752-PA	M11(Oxidation)	55	2.15E-05	1	3390.752	6.37	Larva	3R:+:42364776-42364865	exon=> In CDS Exon 3 of transcript AGAP009752-PA
JHU_Ag_35463	FSELVDAISR	AGAP009752-PA	-	77	3.12E-07	2	1136.598	2.78	Larva	3R:+:42364289-42364318	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_55732	HYWVQWHEVSGKPVR	AGAP009752-PA	-	98	2.48E-09	1	1907.967	0.34	Pupa	3R:+:42364442-42364486	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_56608	EGANPGFHEAVGDVLSLSVSTPK	AGAP009752-PA	-	69	1.62E-06	1	2311.159	1.06	Pupa	3R:+:42365240-42365308	exon=> In CDS Exon 4 of transcript AGAP009752-PA
JHU_Ag_67853	SILEKPNDGR	AGAP009752-PA	-	42	0.000692191	2	1128.599	-1.79	Pupa	3R:+:42365048-42365077	exon=> In CDS Exon 4 of transcript AGAP009752-PA
JHU_Ag_69443	LLDVTEEMVR	AGAP009752-PA	M8(Oxidation)	48	0.000234834	2	1220.626	5.4	Malpighian tubule	3R:+:42364866-42364895	exon=> In CDS Exon 3 of transcript AGAP009752-PA
JHU_Ag_70918	DFDEYVALNR	AGAP009752-PA	-	60	1.15E-05	2	1241.580	0.6	Pupa	3R:+:42364490-42364519	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_77645	LYDYNNFKDADLK	AGAP009752-PA	-	44	0.000570328	2	1618.777	1.59	Pupa	3R:+:42364196-42364234	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_79895	LTDLGYAALDETK	AGAP009752-PA	-	94	5.79E-09	2	1409.716	-0.2	Pupa	3R:+:42364250-42364288	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_80242	LLDVTEEMVR	AGAP009752-PA	M8(Oxidation)	54	5.98E-05	2	1204.627	1.86	Pupa	3R:+:42364866-42364895	exon=> In CDS Exon 3 of transcript AGAP009752-PA
JHU_Ag_87942	FSELVDAISR	AGAP009752-PA	-	77	3.46E-07	2	1136.597	1.7	Pupa	3R:+:42364289-42364318	exon=> In CDS Exon 2 of transcript AGAP009752-PA
JHU_Ag_95407	LLDVTEEMVR	AGAP009752-PA	M8(Oxidation)	61	1.19E-05	2	1220.622	2.6	Larva	3R:+:42364866-42364895	exon=> In CDS Exon 3 of transcript AGAP009752-PA
JHU_Ag_117018	DYVEDEESKLNQFYQAGLAK	AGAP009752-PA	-	77	2.97E-07	2	2347.112	1.35	Pupa	3R:+:42365336-42365395	exon=> In CDS Exon 4 of transcript AGAP009752-PA
JHU_Ag_38343	TKYSGVEPPVER	AGAP009753-PA	-	39	0.002014524	2	1361.709	2.13	Malpighian tubule	3R:+:42365501-42365536	exon=> In CDS Exon 1 of transcript AGAP009753-PA
JHU_Ag_44852	YSGVEPPVER	AGAP009753-PA	-	44	0.000757754	1	1132.562	-0.93	Pupa	3R:+:42365507-42365536	exon=> In CDS Exon 1 of transcript AGAP009753-PA
JHU_Ag_54540	TVNNCDIYQSTEAGNALK	AGAP009753-PA	C5(Carbamidomethyl)	109	1.94E-10	1	1997.921	-1.27	Pupa	3R:+:42365687-42365740	exon=> In CDS Exon 1 of transcript AGAP009753-PA
JHU_Ag_59674	YHVSADVEYLR	AGAP009753-PA,AGAP009755-PA,AGAP009751-PA,AGAP009754-PA,AGAP009756-PA	-	70	1.55E-06	1	1351.664	0.26	Pupa	3R:+:42365567-42365599;3R:+:42371770-42371802;3R:+:42359856-42359888;3R:+:42368204-42368236;3R:+:42376701-42376733	exon=> In CDS Exon 1 of transcript AGAP009753-PA;exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 6 of transcript AGAP009751-PA;exon=> In CDS Exon 4 of transcript AGAP009754-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_49634	TLNDCDIYQSTEAGNAIK	AGAP009754-PA	C5(Carbamidomethyl)	102	7.58E-10	2	2012.930	3.45	Larva	3R:+:42368324-42368377	exon=> In CDS Exon 4 of transcript AGAP009754-PA
JHU_Ag_53395	YYWQQWYDAAGTPTR	AGAP009754-PA	-	85	3.99E-08	1	1905.860	2.37	Larva	3R:+:42367059-42367103	exon=> In CDS Exon 2 of transcript AGAP009754-PA

JHU_Ag_61735	FTEMLDAINNMKENYAK	AGAP009754-PA	M4(Oxidation), M11(Oxidation)	53	6.68E-05	1	2063.951	4.72	Larva	3R:+:42366906-42366956	exon=> In CDS Exon 2 of transcript AGAP009754-PA
JHU_Ag_62369	NEVATENAAFFK	AGAP009754-PA	-	78	2.14E-07	2	1340.649	0.78	Larva	3R:+:42366683-42366718	exon=> In CDS Exon 1 of transcript AGAP009754-PA
JHU_Ag_69417	KLVGLGYSALPEEK	AGAP009754-PA	-	91	3.41E-09	2	1503.855	8.8	Larva	3R:+:42366864-42366905	exon=> In CDS Exon 2 of transcript AGAP009754-PA
JHU_Ag_75425	LVGLGYSALPEEK	AGAP009754-PA	-	74	4.57E-07	2	1375.752	3.59	Larva	3R:+:42366867-42366905	exon=> In CDS Exon 2 of transcript AGAP009754-PA
JHU_Ag_97525	LPQTFWEK	AGAP009754-PA	-	41	0.001532732	1	1048.541	-4.72	Male reproductive organs	3R:+:42367579-42367586,42367669-42367684	exon=> In CDS Exon 3 and 4 of transcript AGAP009754-PA
JHU_Ag_25060	GDIKPEEYNCK	AGAP009754-PA,AGAP009755-PA	C10(Carbamidomethyl)	51	0.000107503	2	1352.622	5.15	Larva	3R:+:42368090-42368122;3R:+:42371656-42371688	exon=> In CDS Exon 4 of transcript AGAP009754-PA;exon=> In CDS Exon 4 of transcript AGAP009755-PA
JHU_Ag_28387	AMLELGSSKPWPDAMEVLTGER	AGAP009754-PA,AGAP009755-PA,AGAP009756-PA	M2(Oxidation), M15(Oxidation)	89	2.15E-08	1	2449.179	1.92	Larva	3R:+:42368378-42368443;3R:+:42371944-42372009;3R:+:42376875-42376940	exon=> In CDS Exon 4 of transcript AGAP009754-PA;exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_20170	LVFLPFAYTLDKYR	AGAP009755-PA,AGAP009751-PA,AGAP009754-PA,AGAP009756-PA	-	37	0.001148566	1	1745.972	5.17	Malpighian tubule	3R:+:42371599-42371640;3R:+:42359685-42359726;3R:+:42368033-42368074;3R:+:42376530-42376571	exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 6 of transcript AGAP009751-PA;exon=> In CDS Exon 4 of transcript AGAP009754-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_26698	LVFLPFAYTLDKYR	AGAP009755-PA,AGAP009751-PA,AGAP009754-PA,AGAP009756-PA	-	37	0.001188916	1	1745.970	4.02	Pupa	3R:+:42371599-42371640;3R:+:42359685-42359726;3R:+:42368033-42368074;3R:+:42376530-42376571	exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 6 of transcript AGAP009751-PA;exon=> In CDS Exon 4 of transcript AGAP009754-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_81246	LVFLPFAYTLDK	AGAP009755-PA,AGAP009751-PA,AGAP009754-PA,AGAP009756-PA	-	65	1.64E-06	1	1426.800	1.64	Pupa	3R:+:42371599-42371634;3R:+:42359685-42359720;3R:+:42368033-42368068;3R:+:42376530-42376565	exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 6 of transcript AGAP009751-PA;exon=> In CDS Exon 4 of transcript AGAP009754-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_13432	SILEKPDDGRDLVCHASAWEFSK	AGAP009755-PA,AGAP009756-PA	C14(Carbamidomethyl)	78	2.56E-07	1	2660.290	4.78	Larva	3R:+:42371251-42371319;3R:+:42376182-42376250	exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_23253	YEYESFSDEDLKR	AGAP009755-PA,AGAP009756-PA	-	76	2.40E-07	2	1680.748	5.59	Larva	3R:+:42370389-42370427;3R:+:42375320-42375358	exon=> In CDS Exon 2 of transcript AGAP009755-PA;exon=> In CDS Exon 2 of transcript AGAP009756-PA
JHU_Ag_37585	YYWQQWYDAAGAPTR	AGAP009755-PA,AGAP009756-PA	-	122	8.48E-12	1	1875.852	4.01	Larva	3R:+:42370632-42370676;3R:+:42375563-42375607	exon=> In CDS Exon 2 of transcript AGAP009755-PA;exon=> In CDS Exon 2 of transcript AGAP009756-PA
JHU_Ag_44348	QLLDVTEEMVR	AGAP009755-PA,AGAP009756-PA	M9(Oxidation)	53	8.87E-05	1	1348.683	3.99	Larva	3R:+:42371052-42371084;3R:+:42375983-42376015	exon=> In CDS Exon 3 of transcript AGAP009755-PA;exon=> In CDS Exon 3 of transcript AGAP009756-PA
JHU_Ag_58963	FSGVEPPVVR	AGAP009755-PA,AGAP009756-PA	-	43	0.000431006	2	1086.598	3.49	Larva	3R:+:42371710-42371739;3R:+:42376641-42376670	exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA

JHU_Ag_93850	TLNNCDIYQSVEAGNAIK	AGAP009755-PA,AGAP009756-PA	C5(Carbamidomethyl)	90	1.74E-08	2	2009.968	4.32	Larva	3R:+:42371890-42371943;3R:+:42376821-42376874	exon=> In CDS Exon 4 of transcript AGAP009755-PA;exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_108802	LGYSVLPEDTFAEMLDAINR	AGAP009755-PA,AGAP009756-PA	M14(Oxidation)	62	1.08E-05	2	2270.113	5.09	Larva	3R:+:42370449-42370508;3R:+:42375380-42375439	exon=> In CDS Exon 2 of transcript AGAP009755-PA;exon=> In CDS Exon 2 of transcript AGAP009756-PA
JHU_Ag_20648	GDIKPEQYNCK	AGAP009756-PA	Q7(Deamidated), C10(Carbamidomethyl)	51	0.000107503	2	1352.622	5.16	Larva	3R:+:42376587-42376619	exon=> In CDS Exon 4 of transcript AGAP009756-PA
JHU_Ag_41364	YVEQVDEEILSR	AGAP009756-PA	-	52	0.000111185	2	1479.741	5.51	Larva	3R:+:42375087-42375122	exon=> In CDS Exon 1 of transcript AGAP009756-PA
JHU_Ag_416	KVPYPVHVPYDRPVPVK	AGAP009758-PA	-	69	3.96E-07	1	1990.126	-0.44	Pupa	3R:-:42404611-42404561	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_6643	VPYPVHVPYDRPVPVK	AGAP009758-PA	-	75	1.29E-07	1	1862.040	4.07	Head	3R:-:42404608-42404561	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_14203	VYVPAPYPVEK	AGAP009758-PA	-	34	0.005070964	1	1261.684	1	Pupa	3R:-:42404560-42404528	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_23170	VPVPQPYPVYK	AGAP009758-PA	-	68	1.80E-06	1	1286.715	0.31	Pupa	3R:-:42404224-42404192	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_58735	HIPVPVEK	AGAP009758-PA	-	33	0.003625124	1	918.539	-2.34	Pupa	3R:-:42404761-42404738	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_61277	VPVHVEKPYPVEK	AGAP009758-PA	-	63	2.84E-06	1	1520.849	1.29	Pupa	3R:-:42404452-42404414	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_78664	VPYPVHVPYDRPVPVK	AGAP009758-PA	-	46	0.000110253	1	1862.034	1.04	Pupa	3R:-:42404608-42404561	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_85572	KVPYPVHVPYDRPVPVK	AGAP009758-PA	-	59	3.95E-06	1	1990.126	-0.8	Head	3R:-:42404611-42404561	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_90969	VGVPKPYPVYK	AGAP009758-PA	-	51	5.07E-05	1	1246.719	-0.73	Pupa	3R:-:42404716-42404684	exon=> In CDS Exon 2 of transcript AGAP009758-PA
JHU_Ag_1381	KVPYPVHVPVDRPYPVK	AGAP009759-PA	-	59	3.95E-06	1	1990.126	-0.8	Head	3R:-:42431132-42431082	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_7659	VFVPQPYEVTK	AGAP009759-PA	-	39	0.001305885	1	1306.705	0.23	Head	3R:-:42431081-42431049	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_13091	VEVPVPVPYTVEK	AGAP009759-PA	-	44	0.000359297	2	1455.804	-4.06	Head	3R:-:42430973-42430935	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_20485	VPVDRPYPVPVEKPVPYPVK	AGAP009759-PA	-	110	1.72E-11	1	2275.287	0.81	Pupa	3R:-:42430805-42430746	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_27952	HIPYTVEKPVPVPVK	AGAP009759-PA	-	44	0.000104948	1	1702.992	1.78	Pupa	3R:-:42430712-42430668	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_31490	VEVPVPVPYTVEK	AGAP009759-PA	-	35	0.002654655	2	1455.811	1.31	Pupa	3R:-:42430973-42430935	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_57480	VPIDRPYPVTVEK	AGAP009759-PA	-	33	0.003766578	1	1512.838	-2.75	Midgut	3R:-:42430667-42430629	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_58901	VPVPQPYEVVK	AGAP009759-PA	-	38	0.000971165	2	1254.710	0.56	Pupa	3R:-:42431237-42431205	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_60266	HIPVEKPVPVPVK	AGAP009759-PA	-	32	0.00066481	1	1438.877	-0.98	Pupa	3R:-:42430628-42430590	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_73563	VPVPKPYYVEK	AGAP009759-PA	-	51	7.67E-05	1	1318.735	-4.21	Pupa	3R:-:42430745-42430713	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_77664	KVPYPVHVPVDRPYPVK	AGAP009759-PA	-	71	2.15E-07	1	1990.128	0.42	Pupa	3R:-:42431132-42431082	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_85715	VFVPQPYEVTK	AGAP009759-PA	-	36	0.003125395	2	1306.705	0.51	Pupa	3R:-:42431081-42431049	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_88981	VPVHVPQPYPVEK	AGAP009759-PA	-	50	8.90E-05	1	1488.826	3.04	Pupa	3R:-:42431171-42431133	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_91021	VPIDRPYPVTVEK	AGAP009759-PA	-	62	4.33E-06	1	1512.841	-0.51	Pupa	3R:-:42430667-42430629	exon=> In CDS Exon 2 of transcript AGAP009759-PA

JHU_Ag_93014	VPYPVHVPVDRPYPVK	AGAP009759-PA	-	46	0.000110253	1	1862.034	1.04	Pupa	3R:-:42431129-42431082	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_94523	VPIDRPYPVTVEK	AGAP009759-PA	-	61	5.52E-06	1	1512.846	2.8	Head	3R:-:42430667-42430629	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_107484	VPVPQPYEVTK	AGAP009759-PA	-	55	3.43E-05	1	1256.687	-1	Pupa	3R:-:42431027-42430995	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_110794	VPYPVHVPVDRPYPVK	AGAP009759-PA	-	96	1.04E-09	1	1862.034	0.62	Head	3R:-:42431129-42431082	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_117510	VPVPQPYEVVK	AGAP009759-PA	-	55	1.76E-05	1	1254.708	-0.7	Head	3R:-:42431237-42431205	exon=> In CDS Exon 2 of transcript AGAP009759-PA
JHU_Ag_27784	IQVCCPGYER	AGAP009762-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	34	0.003637 95	1	1281.570	-0.89	Malpighian tubule	3R:+:42459702-42459731	exon=> In CDS Exon 2 of transcript AGAP009762-PA
JHU_Ag_38124	GHIPAGVCFEEVPTVSLLK	AGAP009762-PA	C8(Carbamidomethyl)	49	0.000122821	1	2053.081	1.19	Head	3R:+:42459530-42459586	exon=> In CDS Exon 1 of transcript AGAP009762-PA
JHU_Ag_56271	VGDQCTATCDRPCLNGECTGPNVCSCNR	AGAP009762-PA	C5(Carbamidomethyl), C9(Carbamidomethyl), C13(Carbamidomethyl), C18(Carbamidomethyl), C24(Carbamidomethyl), C26(Carbamidomethyl)	129	2.47E-13	1	3258.298	2.3	Head	3R:+:42460308-42460391	exon=> In CDS Exon 3 of transcript AGAP009762-PA
JHU_Ag_67803	IQVCCPGYER	AGAP009762-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	46	0.000208114	1	1281.570	-1.27	Pupa	3R:+:42459702-42459731	exon=> In CDS Exon 2 of transcript AGAP009762-PA
JHU_Ag_111602	IQVCCPGYER	AGAP009762-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	45	0.000256152	1	1281.571	-0.51	Larva	3R:+:42459702-42459731	exon=> In CDS Exon 2 of transcript AGAP009762-PA
JHU_Ag_83115	QVDLTENEYLQR	AGAP009765-PA	-	85	6.65E-08	2	1507.745	4.41	Malpighian tubule	3R:+:42477791-42477826	exon=> In CDS Exon 1 of transcript AGAP009765-PA
JHU_Ag_102799	IDFSSLYNTLCR	AGAP009765-PA	C11(Carbamidomethyl)	84	6.30E-08	2	1488.720	3	Salivary gland	3R:+:42479123-42479158	exon=> In CDS Exon 5 of transcript AGAP009765-PA
JHU_Ag_5574	GITLPGAFEGIK	AGAP009768-PA	-	38	0.001694356	2	1202.680	1.93	Head	3R:+:42646733-42646768	exon=> In CDS Exon 5 of transcript AGAP009768-PA
JHU_Ag_19243	FYVSPNLSK	AGAP009768-PA	-	37	0.001820838	1	1054.558	0.77	Head	3R:+:42646769-42646795	exon=> In CDS Exon 5 of transcript AGAP009768-PA
JHU_Ag_44354	TLMISSGIDQVGSIR	AGAP009768-PA	M3(Oxidation)	84	4.92E-08	2	1576.834	-1.43	Head	3R:+:42646550-42646594	exon=> In CDS Exon 5 of transcript AGAP009768-PA
JHU_Ag_67191	TCDNAWNSINCVNPYDRK	AGAP009768-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	94	1.95E-09	1	2226.960	-2.4	Head	3R:+:42646305-42646358	exon=> In CDS Exon 4 of transcript AGAP009768-PA
JHU_Ag_69129	TCDNAWNSINCVNPYDR	AGAP009768-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	119	4.55E-12	1	2098.873	0.95	Head	3R:+:42646305-42646355	exon=> In CDS Exon 4 of transcript AGAP009768-PA
JHU_Ag_77589	FNNNVYK	AGAP009768-PA	-	46	0.000260275	2	898.441	-0.55	Head	3R:+:42646969-42646988,42647063-42647063	exon=> In CDS Exon 6 and 7 of transcript AGAP009768-PA
JHU_Ag_77918	DGQQQAVAMSQSTK	AGAP009768-PA	M9(Oxidation)	116	2.83E-11	1	1494.687	1.38	Head	3R:+:42645697-42645738	exon=> In CDS Exon 1 of transcript AGAP009768-PA
JHU_Ag_10247	VNQLLHQGENYNLIGDSYK	AGAP009772-PA	-	45	0.000461211	1	2205.096	1.17	Visceras	3R:+:42782379-42782435	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_21282	DAILVYNLLK	AGAP009772-PA	-	65	1.29E-06	2	1161.689	0.91	Midgut	3R:+:42781611-42781640	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_25876	SLVGAEAVKPK	AGAP009772-PA	-	73	2.54E-07	1	1098.655	2.76	Malpighian tubule	3R:+:42783108-42783140	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_30814	DAILVYNLLK	AGAP009772-PA	-	42	0.000170991	2	1161.692	3.54	Visceras	3R:+:42781611-42781640	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_48372	IVIPTRIER	AGAP009772-PA	-	24	0.006538 06	1	1096.688	4.14	Malpighian tubule	3R:+:42781278-42781304	exon=> In CDS Exon 1 of transcript AGAP009772-PA

JHU_Ag_48508	GIELDTNTFNSLLHIASFLK	AGAP009772-PA	-	39	0.000736512	1	2233.197	4.96	Ovary	3R:+:42781935-42781994	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_82084	LSKEQNSIVGEPR	AGAP009772-PA	-	64	5.62E-06	1	1456.779	2.55	Malpighian tubule	3R:+:42782898-42782936	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_92934	AWALYQETVEK	AGAP009772-PA	-	72	9.28E-07	2	1337.675	0.72	Ovary	3R:+:42781902-42781934	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_98950	AWALYQETVEK	AGAP009772-PA	-	79	2.08E-07	2	1337.674	0.27	Midgut	3R:+:42781902-42781934	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_99225	DFELAEELFHGLESK	AGAP009772-PA	-	98	3.00E-09	1	1763.854	3.15	Midgut	3R:+:42781797-42781841	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_114452	TYALAQEAGR	AGAP009772-PA	-	63	7.22E-06	2	1079.552	3.83	Malpighian tubule	3R:+:42781422-42781451	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_116885	HAELVQR	AGAP009772-PA	-	44	0.000302746	2	852.469	0.09	Midgut	3R:+:42782715-42782735	exon=> In CDS Exon 1 of transcript AGAP009772-PA
JHU_Ag_59	NLELVK	AGAP009778-PA	-	34	0.006196832	1	715.435	0.73	Head	3R:+:43212777-43212794	exon=> In CDS Exon 1 of transcript AGAP009778-PA
JHU_Ag_32052	NLELVK	AGAP009778-PA	N1(Deamidated)	42	0.000672137	1	716.418	-1.15	Midgut	3R:+:43212777-43212794	exon=> In CDS Exon 1 of transcript AGAP009778-PA
JHU_Ag_37102	NLELVK	AGAP009778-PA	N1(Deamidated)	42	0.001372266	1	716.420	1.23	Malpighian tubule	3R:+:43212777-43212794	exon=> In CDS Exon 1 of transcript AGAP009778-PA
JHU_Ag_41482	AILIFPLLR	AGAP009778-PA	-	37	6.79E-05	2	1055.703	4.91	Head	3R:+:43213857-43213883	exon=> In CDS Exon 1 of transcript AGAP009778-PA
JHU_Ag_66902	NLELVK	AGAP009778-PA	N1(Deamidated)	44	0.000501716	1	716.419	-0.39	Male reproductive organs	3R:+:43212777-43212794	exon=> In CDS Exon 1 of transcript AGAP009778-PA
JHU_Ag_85948	AILIFPLLR	AGAP009778-PA	-	39	4.48E-05	2	1055.701	3.52	Ovary	3R:+:43213857-43213883	exon=> In CDS Exon 1 of transcript AGAP009778-PA
JHU_Ag_5281	NLEVVK	AGAP009779-PA,AGAP007852-PB	-	37	0.002240937	1	701.417	-3.31	Head	3R:-:43216255-43216238;3R:-:2125237-2125220	exon=> In CDS Exon 1 of transcript AGAP009779-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_9243	NLEVVK	AGAP009779-PA,AGAP007852-PB	-	43	0.000535094	1	701.419	0.26	Male reproductive organs	3R:-:43216255-43216238;3R:-:2125237-2125220	exon=> In CDS Exon 1 of transcript AGAP009779-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_27001	NLEVVK	AGAP009779-PA,AGAP007852-PB	-	39	0.001943249	1	701.421	2.96	Malpighian tubule	3R:-:43216255-43216238;3R:-:2125237-2125220	exon=> In CDS Exon 1 of transcript AGAP009779-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_33135	NLEVVK	AGAP009779-PA,AGAP007852-PB	-	43	0.000503999	1	701.418	-1.83	Pupa	3R:-:43216255-43216238;3R:-:2125237-2125220	exon=> In CDS Exon 1 of transcript AGAP009779-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_59007	NLEVVK	AGAP009779-PA,AGAP007852-PB	-	38	0.002452045	1	701.420	1.39	Visceras	3R:-:43216255-43216238;3R:-:2125237-2125220	exon=> In CDS Exon 1 of transcript AGAP009779-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_82101	NLEVVK	AGAP009779-PA,AGAP007852-PB	-	43	0.000509835	1	701.419	0.17	Salivary gland	3R:-:43216255-43216238;3R:-:2125237-2125220	exon=> In CDS Exon 1 of transcript AGAP009779-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB
JHU_Ag_94266	NLEVVK	AGAP009779-PA,AGAP007852-PB	-	40	0.001203455	1	701.419	-0.61	Ovary	3R:-:43216255-43216238;3R:-:2125237-2125220	exon=> In CDS Exon 1 of transcript AGAP009779-PA;exon=> In CDS Exon 2 of transcript AGAP007852-PB

JHU_Ag_51694	QQQERR	AGAP009780-PA	Q1(Deamidated), Q2(Deamidated), Q3(Deamidated)	32	0.006505077	1	847.390	-0.82	Head	3R:-:43243182-43243165	exon=> In CDS Exon 18 of transcript AGAP009780-PA
JHU_Ag_70050	QMLESLPK	AGAP009780-PA	-	41	0.001468913	1	945.497	-11.49	Head	3R:-:43243233-43243210	exon=> In CDS Exon 18 of transcript AGAP009780-PA
JHU_Ag_115599	MDGPIKSIQIR	AGAP009780-PA	M1(Oxidation), Q9(Deamidated)	53	0.000101437	2	1274.658	-14.91	Male reproductive organs	3R:-:43239579-43239547	exon=> In CDS Exon 22 of transcript AGAP009780-PA
JHU_Ag_12559	FEVTYVDIEEK	AGAP009781-PA	-	56	3.53E-05	2	1371.669	0.71	Ovary	3R:+:43258692-43258724	exon=> In CDS Exon 5 of transcript AGAP009781-PA
JHU_Ag_23089	RLPPPTYETETEEGLPHER	AGAP009781-PA	-	109	2.01E-10	1	2251.104	2.17	Ovary	3R:+:43257876-43257932	exon=> In CDS Exon 3 of transcript AGAP009781-PA
JHU_Ag_24138	RGITPQYDLIQVEGAVHEPTFR	AGAP009781-PA	-	90	9.28E-09	1	2526.324	5.69	Ovary	3R:+:43257404-43257469	exon=> In CDS Exon 1 of transcript AGAP009781-PA
JHU_Ag_25600	LPPPTYETETEEGLPHER	AGAP009781-PA	-	37	0.003486697	1	2095.004	2.96	Ovary	3R:+:43257879-43257932	exon=> In CDS Exon 3 of transcript AGAP009781-PA
JHU_Ag_27331	RLPPPTYETETEEGLPHER	AGAP009781-PA	-	81	1.37E-07	1	2251.110	4.77	Midgut	3R:+:43257876-43257932	exon=> In CDS Exon 3 of transcript AGAP009781-PA
JHU_Ag_45788	TLQQLQNLSLCDR	AGAP009781-PA	C11(Carbamidomethyl)	77	3.64E-07	1	1588.823	7.21	Ovary	3R:+:43258434-43258451,43258623-43258643	exon=> In CDS Exon 4 and 5 of transcript AGAP009781-PA
JHU_Ag_70824	GITPQYDLIQVEGAVHEPTFR	AGAP009781-PA	-	72	8.75E-07	1	2370.207	-0.63	Ovary	3R:+:43257407-43257469	exon=> In CDS Exon 1 of transcript AGAP009781-PA
JHU_Ag_84500	RQAAQR	AGAP009781-PA	Q2(Deamidated), Q5(Deamidated)	36	0.003953631	2	731.390	14.76	Head	3R:+:43258005-43258022	exon=> In CDS Exon 3 of transcript AGAP009781-PA
JHU_Ag_85377	TPISVLQELLSRR	AGAP009781-PA	-	33	0.000968767	1	1511.895	2.79	Ovary	3R:+:43257368-43257406	exon=> In CDS Exon 1 of transcript AGAP009781-PA
JHU_Ag_101625	YAGLKDVCIPTLTTSQSHK	AGAP009781-PA	C8(Carbamidomethyl)	48	0.000184294	1	2119.085	-0.11	Ovary	3R:+:43258335-43258391	exon=> In CDS Exon 4 of transcript AGAP009781-PA
JHU_Ag_112354	TPISVLQELLSR	AGAP009781-PA	-	103	2.18E-10	1	1355.789	0	Ovary	3R:+:43257368-43257403	exon=> In CDS Exon 1 of transcript AGAP009781-PA
JHU_Ag_6958	GSIELWSTGNAVR	AGAP009782-PA	-	81	1.65E-07	2	1389.713	0.82	Ovary	3R:+:43264649-43264687	exon=> In CDS Exon 2 of transcript AGAP009782-PA
JHU_Ag_11095	LVAVGDAAGQVHFIDTR	AGAP009782-PA	-	56	2.98E-05	1	1768.932	-1.16	Ovary	3R:+:43265048-43265098	exon=> In CDS Exon 2 of transcript AGAP009782-PA
JHU_Ag_25241	SALLWDFR	AGAP009782-PA	-	38	0.003283552	2	1007.530	-0.92	Ovary	3R:+:43264937-43264960	exon=> In CDS Exon 2 of transcript AGAP009782-PA
JHU_Ag_32387	LSEAVPLADK	AGAP009782-PA	-	40	0.000835241	2	1042.575	-2.49	Ovary	3R:+:43264327-43264356	exon=> In CDS Exon 1 of transcript AGAP009782-PA
JHU_Ag_51128	GTGLYPVDNRYEHIGAVTALDIFR	AGAP009782-PA	-	92	6.48E-09	1	2677.374	0.09	Ovary	3R:+:43264688-43264759	exon=> In CDS Exon 2 of transcript AGAP009782-PA
JHU_Ag_94547	DDALFLLGNDR	AGAP009782-PA	-	81	1.43E-07	1	1248.623	0.81	Ovary	3R:+:43264552-43264563,43264628-43264648	exon=> In CDS Exon 1 and 2 of transcript AGAP009782-PA
JHU_Ag_108994	QIHVETSATNYVR	AGAP009782-PA	-	68	2.60E-06	1	1517.773	1.34	Ovary	3R:+:43265300-43265338	exon=> In CDS Exon 3 of transcript AGAP009782-PA
JHU_Ag_114398	NYFAVLGNTPEVK	AGAP009782-PA	-	91	1.19E-08	1	1451.754	0.94	Ovary	3R:+:43265240-43265278	exon=> In CDS Exon 3 of transcript AGAP009782-PA
JHU_Ag_111	LAQEQIAPLVK	AGAP009783-PA	-	79	3.80E-08	1	1209.720	-0.46	Male reproductive organs	3R:-:43270930-43270898	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_528	LAQEQIAPLVK	AGAP009783-PA	-	73	1.28E-07	1	1209.716	-3.39	Head	3R:-:43270930-43270898	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_1902	GYQYAAGFLNEGR	AGAP009783-PA	-	94	4.58E-09	2	1445.682	0.49	Visceras	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_3422	LQEAGAPFLK	AGAP009783-PA	-	53	6.49E-05	1	1073.602	3.2	Larva	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA

JHU_Ag_8236	YYASEVAQR	AGAP009783-PA	-	64	3.87E-06	2	1086.521	-0.28	Ovary	3R:-:43270027-43270001	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_8533	IGAIYEGTTNMQLSTIAK	AGAP009783-PA	M11(Oxidation)	108	2.32E-10	1	1926.991	3.42	Larva	3R:-:43269916-43269863	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_10159	SATSPLTYLSEDEMVMKETVAK	AGAP009783-PA	M14(Oxidation), M16(Oxidation)	71	1.31E-06	1	2462.176	3.33	Malpighian tubule	3R:-:43270996-43270931	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_10905	LAQEQIAPLVK	AGAP009783-PA	-	51	2.39E-05	1	1209.720	-0.56	Midgut	3R:-:43270930-43270898	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_15247	GITTFIVER	AGAP009783-PA	-	53	3.02E-05	2	1035.586	3	Larva	3R:-:43270450-43270424	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_15336	GYQYAAGFLNEGR	AGAP009783-PA	-	114	5.13E-11	2	1445.683	1.59	Head	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_18448	LLTYNAAR	AGAP009783-PA	-	58	1.82E-05	2	921.516	1.23	Malpighian tubule	3R:-:43270099-43270076	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_18577	GYQYAAGFLNEGR	AGAP009783-PA	-	72	7.11E-07	2	1445.681	0.33	Salivary gland	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_18822	KMDEEHQFDPSVVR	AGAP009783-PA	M2(Oxidation)	37	0.002758521	1	1732.797	0.35	Head	3R:-:43270897-43270856	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_19632	IGAIYEGTTNMQLSTIAK	AGAP009783-PA	N10(Deamidated), M11(Oxidation),M11(Oxidation)	87	2.63E-08	1	1926.980	-2.22	Head	3R:-:43269916-43269863	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_25910	EYEGFTVGK	AGAP009783-PA	-	36	0.001829379	2	1029.491	1.8	Malpighian tubule	3R:-:43270423-43270397	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_27640	VPEENILGEFGK	AGAP009783-PA	-	85	5.88E-08	2	1331.684	0.02	Male reproductive organs	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_27918	YYASEVAQR	AGAP009783-PA	-	38	0.001507722	2	1086.523	1.18	Salivary gland	3R:-:43270027-43270001	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_30576	KMDEEHQFDPSVVR	AGAP009783-PA	M2(Oxidation)	58	2.03E-05	1	1732.794	-1.23	Midgut	3R:-:43270897-43270856	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_33001	VPEENILGEFGK	AGAP009783-PA	-	90	1.64E-08	1	1331.685	0.38	Pupa	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_33740	LAQEQIAPLVK	AGAP009783-PA	-	71	1.82E-07	2	1209.716	-3.09	Pupa	3R:-:43270930-43270898	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_34101	LLTYNAAR	AGAP009783-PA	-	33	0.005301839	2	921.517	2.29	Larva	3R:-:43270099-43270076	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_35071	LSQEYSGSFALSEPSAGSDAFSLK	AGAP009783-PA	-	172	1.02E-16	1	2478.172	2.01	Malpighian tubule	3R:-:43270645-43270574	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_35856	VPEENILGEFGK	AGAP009783-PA	-	77	3.90E-07	1	1331.689	3.5	Larva	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_36805	DGNHYILNGTK	AGAP009783-PA	N8(Deamidated)	67	2.83E-06	1	1232.596	3.96	Malpighian tubule	3R:-:43270558-43270526	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_36845	QFGSDLYSFQSMQHQIATIATEIEAAR	AGAP009783-PA	M12(Oxidation)	50	0.000141283	1	3058.483	8.23	Larva	3R:-:43270180-43270100	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_38358	VPEENILGEFGK	AGAP009783-PA	-	91	1.67E-08	1	1331.685	0.93	Salivary gland	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_39236	GYQYAAGFLNEGR	AGAP009783-PA	-	101	1.18E-09	1	1445.688	4.8	Larva	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_40537	LSQEYSGSFALSEPSAGSDAFSLK	AGAP009783-PA	-	101	1.31E-09	2	2478.169	0.53	Pupa	3R:-:43270645-43270574	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_41159	GITTFIVER	AGAP009783-PA	-	44	0.000294509	1	1035.585	1.35	Malpighian tubule	3R:-:43270450-43270424	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_41224	SATSPLTYLSEDEMVMK	AGAP009783-PA	M14(Oxidation), M16(Oxidation)	111	9.79E-11	1	1933.879	1.19	Ovary	3R:-:43270996-43270946	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_42143	LSQEYSGSFALSEPSAGSDAFSLKTTAK	AGAP009783-PA	-	134	5.52E-13	1	2879.405	3.43	Malpighian tubule	3R:-:43270645-43270562	exon=> In CDS Exon 1 of transcript AGAP009783-PA

JHU_Ag_42634	IGAIYEGTTNMQLSTIAK	AGAP009783-PA	M11(Oxidation)	122	9.67E-12	1	1926.982	-1.27	Ovary	3R:-:43269916-43269863	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_46141	KQFGSDLYSFQSMQHQIATIATEIEAAR	AGAP009783-PA	M13(Oxidation)	108	1.71E-10	1	3186.562	3.09	Ovary	3R:-:43270183-43270100	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_46543	EYEGFTVGK	AGAP009783-PA	-	45	0.000236756	2	1029.492	3.46	Salivary gland	3R:-:43270423-43270397	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_46825	LSQEYSGSFALSEPSAGSDAFSLK	AGAP009783-PA	-	95	5.18E-09	2	2478.167	-0.06	Salivary gland	3R:-:43270645-43270574	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_48493	GITTFIVER	AGAP009783-PA	-	63	3.89E-06	2	1035.583	-0.31	Ovary	3R:-:43270450-43270424	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_50359	LAQEQIAPLVKK	AGAP009783-PA	-	70	8.26E-08	1	1337.818	2.05	Malpighian tubule	3R:-:43270930-43270895	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_51219	YYASEVAQR	AGAP009783-PA	-	57	2.37E-05	2	1086.521	-0.28	Midgut	3R:-:43270027-43270001	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_51704	GYQYAAGFLNEGR	AGAP009783-PA	-	86	3.04E-08	1	1445.681	0.33	Male reproductive organs	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_52209	EYEGFTVGKK	AGAP009783-PA	-	32	0.006416613	2	1157.583	-0.29	Head	3R:-:43270423-43270394	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_52764	YYASEVAQR	AGAP009783-PA	-	66	2.49E-06	1	1086.525	3.2	Larva	3R:-:43270027-43270001	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_52844	KQFGSDLYSFQSMQHQIATIATEIEAAR	AGAP009783-PA	M13(Oxidation)	123	5.45E-12	1	3186.562	3.11	Larva	3R:-:43270183-43270100	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_53482	VPEENILGEFGK	AGAP009783-PA	-	80	1.86E-07	1	1331.687	2.22	Visceras	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_55037	KQFGSDLYSFQSMQHQIATIATEIEAAR	AGAP009783-PA	M13(Oxidation)	92	7.07E-09	1	3186.576	7.38	Malpighian tubule	3R:-:43270183-43270100	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_56421	KMDEEHQFDPSVVR	AGAP009783-PA	M2(Oxidation)	87	2.79E-08	1	1732.799	1.52	Malpighian tubule	3R:-:43270897-43270856	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_57362	LQEAGAPFLK	AGAP009783-PA	-	57	3.57E-05	1	1073.597	-2.26	Pupa	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_59508	LAQEQIAPLVK	AGAP009783-PA	-	83	1.42E-08	1	1209.721	0.95	Malpighian tubule	3R:-:43270930-43270898	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_60632	LSQEYSGSFALSEPSAGSDAFSLK	AGAP009783-PA	-	106	3.62E-10	1	2478.169	0.63	Head	3R:-:43270645-43270574	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_61385	VCPATAAFVDIHNTLVNSLMIK	AGAP009783-PA	C2(Carbamidomethyl), M20(Oxidation)	58	2.00E-05	1	2430.267	6.19	Salivary gland	3R:-:43270750-43270685	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_62050	QFGSDLYSFQSMQHQIATIATEIEAAR	AGAP009783-PA	M12(Oxidation)	123	7.39E-12	1	3058.464	2.24	Ovary	3R:-:43270180-43270100	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_63385	KDGNHYILNGTK	AGAP009783-PA	N9(Deamidated)	66	3.94E-06	1	1360.680	-4.04	Head	3R:-:43270561-43270526	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_63814	YYASEVAQR	AGAP009783-PA	-	71	9.04E-07	1	1086.521	-0.73	Malpighian tubule	3R:-:43270027-43270001	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_65219	LAQEQIAPLVK	AGAP009783-PA	-	73	1.43E-07	1	1209.720	0.04	Salivary gland	3R:-:43270930-43270898	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_65879	LLTYNAAR	AGAP009783-PA	-	38	0.001839492	2	921.514	-1.75	Ovary	3R:-:43270099-43270076	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_66354	VPEENILGEFGK	AGAP009783-PA	-	90	1.89E-08	1	1331.686	1.39	Head	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_68283	SATSPLTYLSEDEMVMK	AGAP009783-PA	-	120	1.43E-11	1	1901.885	-1.05	Salivary gland	3R:-:43270996-43270946	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_68908	IGAIYEGTTNMQLSTIAK	AGAP009783-PA	M11(Oxidation)	45	0.000499249	2	1926.978	-3.17	Malpighian tubule	3R:-:43269916-43269863	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_69210	SATSPLTYLSEDEMVMK	AGAP009783-PA	-	130	1.80E-12	1	1901.894	3.44	Malpighian tubule	3R:-:43270996-43270946	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_70024	VPEENILGEFGK	AGAP009783-PA	-	91	1.58E-08	1	1331.684	0.11	Ovary	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA

JHU_Ag_70102	LGICASGTCTLHMDNVR	AGAP009783-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), M13(Oxidation)	134	4.51E-13	1	1920.874	0.54	Head	3R:-:43270384-43270334	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_70482	VPEENILGEFGK	AGAP009783-PA	-	90	1.83E-08	1	1331.686	1.39	Malpighian tubule	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_70938	YYASEVAQR	AGAP009783-PA	-	49	0.000143458	2	1086.534	11.96	Male reproductive organs	3R:-:43270027-43270001	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_72967	IGAIYEGTTNMQLSTIAK	AGAP009783-PA	M11(Oxidation)	65	4.99E-06	2	1926.985	0.44	Pupa	3R:-:43269916-43269863	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_79385	LQEAGAPFLK	AGAP009783-PA	-	53	9.27E-05	1	1073.584	-14.31	Visceras	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_81420	IGAIYEGTTNMQLSTIAK	AGAP009783-PA	M11(Oxidation)	95	4.96E-09	1	1926.983	-0.45	Salivary gland	3R:-:43269916-43269863	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_84085	LLTYNAAR	AGAP009783-PA	-	41	0.00093691	2	921.513	-2.28	Pupa	3R:-:43270099-43270076	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_86341	LQEAGAPFLK	AGAP009783-PA	-	60	1.63E-05	1	1073.599	-0.44	Salivary gland	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_87321	GYQYAAGFLNEGR	AGAP009783-PA	-	84	5.37E-08	1	1445.680	-0.27	Ovary	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_91313	YYASEVAQR	AGAP009783-PA	-	52	6.20E-05	2	1086.520	-0.96	Pupa	3R:-:43270027-43270001	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_91606	LSQEYSGSFALSEPSAGSDAFSLK	AGAP009783-PA	-	160	1.53E-15	1	2478.168	0.43	Ovary	3R:-:43270645-43270574	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_91735	VPEENILGEFGK	AGAP009783-PA	-	91	1.54E-08	1	1331.684	-0.08	Midgut	3R:-:43270333-43270298	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_92087	MDEEHQFDPSVVR	AGAP009783-PA	-	59	1.00E-05	1	1588.707	0.49	Malpighian tubule	3R:-:43270894-43270856	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_92399	SKYLPK	AGAP009783-PA	-	37	0.00100186	2	735.440	0.61	Malpighian tubule	3R:-:43270663-43270646	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_93358	GITTFIVER	AGAP009783-PA	-	57	1.36E-05	2	1035.587	3.7	Male reproductive organs	3R:-:43270450-43270424	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_94849	IGIGAQMIGLAQGCLDATIPYLLER	AGAP009783-PA	M7(Oxidation), C14(Carbamidomethyl)	74	3.67E-07	1	2689.414	3.2	Salivary gland	3R:-:43270258-43270184	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_97681	GITTFIVER	AGAP009783-PA	-	53	3.81E-05	2	1035.582	-0.89	Pupa	3R:-:43270450-43270424	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_97835	LQEAGAPFLK	AGAP009783-PA	-	43	0.000883225	1	1073.599	0.2	Head	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_98556	GYQYAAGFLNEGR	AGAP009783-PA	-	120	1.20E-11	2	1445.681	-0.18	Pupa	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_98730	GYQYAAGFLNEGR	AGAP009783-PA	-	100	1.33E-09	1	1445.682	0.92	Malpighian tubule	3R:-:43270297-43270259	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_99416	SATSPLTYLSEDEMVMK	AGAP009783-PA	-	112	1.08E-10	2	1901.891	1.77	Head	3R:-:43270996-43270946	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_102164	LQEAGAPFLK	AGAP009783-PA	-	53	9.53E-05	2	1073.584	-14.43	Ovary	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_102579	KDGNHYILNGTK	AGAP009783-PA	-	41	0.000957425	1	1359.702	0.17	Malpighian tubule	3R:-:43270561-43270526	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_103979	LGICASGTCTLHMDNVR	AGAP009783-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), M13(Oxidation)	46	0.000268276	1	1920.873	0.15	Ovary	3R:-:43270384-43270334	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_105548	LSQEYSGSFALSEPSAGSDAFSLK	AGAP009783-PA	-	62	9.26E-06	2	2478.169	0.73	Male reproductive organs	3R:-:43270645-43270574	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_106049	EYEGFTVGK	AGAP009783-PA	-	37	0.001497275	2	1029.492	3.11	Larva	3R:-:43270423-43270397	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_107658	LQEAGAPFLK	AGAP009783-PA	-	77	3.76E-07	1	1073.598	-0.67	Malpighian tubule	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA

JHU_Ag_109654	VCPATAAFVDIHNTLVNSLMIK	AGAP009783-PA	C2(Carbamidomethyl), M20(Oxidation)	86	2.97E-08	1	2430.255	1.14	Ovary	3R:-:43270750-43270685	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_112947	LQEAGAPFLK	AGAP009783-PA	-	41	0.001369052	1	1073.598	-0.9	Male reproductive organs	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_113017	LQEAGAPFLK	AGAP009783-PA	-	44	0.000851849	1	1073.583	-14.88	Midgut	3R:-:43270075-43270046	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_113044	LAQEQIAPLVK	AGAP009783-PA	-	69	3.72E-07	1	1209.718	-1.47	Ovary	3R:-:43270930-43270898	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_116772	LSQEYSGSFALSEPSAGSDAFSLK	AGAP009783-PA	-	79	2.17E-07	2	2478.168	0.14	Visceras	3R:-:43270645-43270574	exon=> In CDS Exon 1 of transcript AGAP009783-PA
JHU_Ag_414	GDTEEALTER	AGAP009786-PA	-	37	0.00181621	2	1120.510	-1.6	Ovary	3R:+:43287720-43287749	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_3163	ALAHITGGGLVENVPR	AGAP009786-PA	-	60	6.08E-06	1	1603.889	-1.39	Salivary gland	3R:+:43285785-43285832	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_4414	GTNRPGVVGGLGGFGGLFR	AGAP009786-PA	-	102	5.30E-10	1	1817.984	3.85	Malpighian tubule	3R:+:43285016-43285072	exon=> In CDS Exon 5 of transcript AGAP009786-PA
JHU_Ag_6767	STNRPGVMGGLGGFGGLFR	AGAP009786-PA	M8(Oxidation)	85	4.64E-08	1	1895.970	7.9	Malpighian tubule	3R:+:43286226-43286282	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_10366	SAGGTALGTVVK	AGAP009786-PA	-	51	9.09E-05	2	1060.603	2.78	Malpighian tubule	3R:+:43287117-43287152	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_15822	IAVLISGSGSNLQALIDATR	AGAP009786-PA	-	71	2.67E-07	2	1999.127	4.21	Malpighian tubule	3R:+:43287246-43287305	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_17862	VIVQGFEDTLR	AGAP009786-PA	-	35	0.003973465	1	1276.693	2.28	Head	3R:+:43287177-43287209	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_18207	LSGEEVSVLAFVDSR	AGAP009786-PA	-	63	6.51E-06	2	1607.829	1.03	Male reproductive organs	3R:+:43283217-43283261	exon=> In CDS Exon 2 of transcript AGAP009786-PA
JHU_Ag_22127	DSGVDIGAGDELVQR	AGAP009786-PA	-	78	2.44E-07	2	1530.743	2.09	Head	3R:+:43286163-43286207	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_25109	GTNRPGVVGGLGGFGGLFR	AGAP009786-PA	-	124	3.73E-12	1	1817.976	-0.68	Visceras	3R:+:43285016-43285072	exon=> In CDS Exon 5 of transcript AGAP009786-PA
JHU_Ag_28352	YASFTDAAEAK	AGAP009786-PA	-	58	1.25E-05	2	1173.541	-1.15	Male reproductive organs	3R:+:43283010-43283042	exon=> In CDS Exon 2 of transcript AGAP009786-PA
JHU_Ag_29075	QALEAGDVESGCTVHFVDEGVDTGAIILQER	AGAP009786-PA	C12(Carbamidomethyl)	33	0.007532503	1	3315.595	4.56	Head	3R:+:43287612-43287704	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_30629	IPPIFGWLAAAGNVTER	AGAP009786-PA	-	76	1.64E-07	1	1811.982	0.82	Visceras	3R:+:43285881-43285931	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_32883	YNDPVLVQGTDGVGTK	AGAP009786-PA	-	87	3.57E-08	2	1662.842	5.37	Malpighian tubule	3R:+:43285197-43285244	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_35487	GVYDLAGFSLGIAER	AGAP009786-PA	-	102	7.08E-10	2	1567.817	3.74	Malpighian tubule	3R:+:43286595-43286639	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_38540	SERVDTVHVLPGSPGIAALPK	AGAP009786-PA	-	58	3.71E-06	1	2143.200	5.96	Malpighian tubule	3R:+:43282611-43282673	exon=> In CDS Exon 1 of transcript AGAP009786-PA
JHU_Ag_43035	ELQSLLAEGLVK	AGAP009786-PA	-	43	0.000360847	2	1299.752	0.44	Ovary	3R:+:43286847-43286882	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_43218	VIVQGFEDTLR	AGAP009786-PA	-	76	2.80E-07	1	1276.696	5.15	Malpighian tubule	3R:+:43287177-43287209	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_43877	LNDATYINR	AGAP009786-PA	-	75	4.61E-07	2	1079.552	3.5	Malpighian tubule	3R:+:43285073-43285081,43285161-43285178	exon=> In CDS Exon 5 and 6 of transcript AGAP009786-PA
JHU_Ag_45044	VDTVHVLPGSPGIAALPK	AGAP009786-PA	-	95	1.37E-09	1	1771.010	-0.77	Ovary	3R:+:43282620-43282673	exon=> In CDS Exon 1 of transcript AGAP009786-PA
JHU_Ag_52437	GCVITGLDAVAARPEHLVFHSGVAR	AGAP009786-PA	C2(Carbamidomethyl)	75	1.78E-07	1	2632.391	5.17	Ovary	3R:+:43284346-43284361,43284446-43284504	exon=> In CDS Exon 3 and 4 of transcript AGAP009786-PA
JHU_Ag_55709	GVIVAETIDEACAAVDDILGER	AGAP009786-PA	C12(Carbamidomethyl)	90	1.39E-08	1	2316.144	2.31	Ovary	3R:+:43283109-43283174	exon=> In CDS Exon 2 of transcript AGAP009786-PA

JHU_Ag_57089	SERVDTVHVLPGSPGIAALPK	AGAP009786-PA	-	84	1.31E-08	1	2143.192	2.11	Male reproductive organs	3R:+:43282611-43282673	exon=> In CDS Exon 1 of transcript AGAP009786-PA
JHU_Ag_59698	AGVFGLER	AGAP009786-PA	-	45	0.000403769	2	848.467	4.87	Malpighian tubule	3R:+:43287357-43287380	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_59882	ILEFTGHTYNDVAPFSATGK	AGAP009786-PA	-	52	7.98E-05	1	2168.078	5.41	Malpighian tubule	3R:+:43286742-43286801	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_63320	YNDPVLVQGTDGVGTK	AGAP009786-PA	-	60	1.87E-05	2	1662.837	2.43	Salivary gland	3R:+:43285197-43285244	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_68813	IELVCLAGFMR	AGAP009786-PA	C5(Carbamidomethyl)	55	4.37E-05	2	1308.682	0.93	Visceras	3R:+:43287483-43287515	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_71533	VIVQGFEDTLR	AGAP009786-PA	-	39	0.00156555	2	1276.692	1.61	Ovary	3R:+:43287177-43287209	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_71590	ALAHITGGGLVENVPR	AGAP009786-PA	-	28	0.006086799	1	1603.899	4.62	Malpighian tubule	3R:+:43285785-43285832	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_73539	VDTVHVLPGSPGIAALPK	AGAP009786-PA	-	45	0.000141835	3	1771.013	0.68	Salivary gland	3R:+:43282620-43282673	exon=> In CDS Exon 1 of transcript AGAP009786-PA
JHU_Ag_78558	GDTEEALTER	AGAP009786-PA	-	42	0.00079782	2	1120.514	2.21	Malpighian tubule	3R:+:43287720-43287749	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_84178	GCVITGLDAVAARPEHLVFHSGVAR	AGAP009786-PA	C2(Carbamidomethyl)	46	0.000153833	1	2632.389	4.26	Male reproductive organs	3R:+:43284346-43284361,43284446-43284504	exon=> In CDS Exon 3 and 4 of transcript AGAP009786-PA
JHU_Ag_94625	GTNRPGVVGGLGGFGGLFR	AGAP009786-PA	-	45	0.000317558	3	1817.978	0.53	Ovary	3R:+:43285016-43285072	exon=> In CDS Exon 5 of transcript AGAP009786-PA
JHU_Ag_96770	VDTVHVLPGSPGIAALPK	AGAP009786-PA	-	82	2.20E-08	1	1771.018	3.69	Head	3R:+:43282620-43282673	exon=> In CDS Exon 1 of transcript AGAP009786-PA
JHU_Ag_101162	EGDLVIGLPSSGVHSNGFSLVNR	AGAP009786-PA	-	56	3.01E-05	1	2354.212	0.72	Visceras	3R:+:43285566-43285634	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_101489	LNDATYINR	AGAP009786-PA	-	42	0.00091361	2	1079.548	-0.24	Salivary gland	3R:+:43285073-43285081,43285161-43285178	exon=> In CDS Exon 5 and 6 of transcript AGAP009786-PA
JHU_Ag_113971	GSLINIHPALLPR	AGAP009786-PA	-	45	3.84E-05	2	1400.838	0.71	Head	3R:+:43287549-43287587	exon=> In CDS Exon 6 of transcript AGAP009786-PA
JHU_Ag_114334	SSGVDIDAGDALVQR	AGAP009786-PA	-	64	8.26E-06	2	1502.749	2.89	Malpighian tubule	3R:+:43284953-43284997	exon=> In CDS Exon 5 of transcript AGAP009786-PA
JHU_Ag_11577	QAVIDFMGDMLYHK	AGAP009788-PA	-	41	0.001270939	1	1667.792	-0.3	Midgut	3R:+:43291463-43291504	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_16070	AIDALLASK	AGAP009788-PA	-	56	2.34E-05	2	901.536	1.18	Male reproductive organs	3R:+:43291400-43291426	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_35613	ATDAESSHAEGSK	AGAP009788-PA	-	43	0.000344794	2	1289.566	4.64	Head	3R:+:43291646-43291684	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_46034	AIDALLASK	AGAP009788-PA	-	59	1.27E-05	2	901.536	1.11	Salivary gland	3R:+:43291400-43291426	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_46148	SSPAPAAEGLR	AGAP009788-PA	-	51	6.29E-05	2	1055.550	2.27	Salivary gland	3R:+:43292323-43292355	exon=> In CDS Exon 3 of transcript AGAP009788-PA
JHU_Ag_52287	ATDAESSHAEGSK	AGAP009788-PA	-	79	7.28E-08	1	1289.560	-0.09	Malpighian tubule	3R:+:43291646-43291684	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_57858	FLNHNVEYFSAIK	AGAP009788-PA	-	84	5.04E-08	1	1581.810	2.79	Salivary gland	3R:+:43291166-43291196,43291392-43291399	exon=> In CDS Exon 1 and 2 of transcript AGAP009788-PA
JHU_Ag_58770	FLNHNVEYFSAIK	AGAP009788-PA	-	40	0.00155988	1	1581.805	-0.38	Male reproductive organs	3R:+:43291166-43291196,43291392-43291399	exon=> In CDS Exon 1 and 2 of transcript AGAP009788-PA
JHU_Ag_65122	AIDALLASK	AGAP009788-PA	-	53	7.47E-05	2	901.533	-2.48	Midgut	3R:+:43291400-43291426	exon=> In CDS Exon 2 of transcript AGAP009788-PA

JHU_Ag_76704	FLNHNVEYFSAIK	AGAP009788-PA	-	73	7.79E-07	1	1581.804	-1.45	Head	3R:+:43291166-43291196,43291392-43291399	exon=> In CDS Exon 1 and 2 of transcript AGAP009788-PA
JHU_Ag_81408	AAAEALVTASSAK	AGAP009788-PA	-	91	1.44E-08	2	1189.642	-0.39	Male reproductive organs	3R:+:43291571-43291609	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_90058	FLNHNVEYFSAIK	AGAP009788-PA	-	87	3.27E-08	1	1581.805	-0.68	Midgut	3R:+:43291166-43291196,43291392-43291399	exon=> In CDS Exon 1 and 2 of transcript AGAP009788-PA
JHU_Ag_105663	AAAEALVTASSAK	AGAP009788-PA	-	85	4.67E-08	2	1189.644	1.66	Salivary gland	3R:+:43291571-43291609	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_107881	AIDALLASK	AGAP009788-PA	-	42	0.000551477	1	901.535	0.11	Head	3R:+:43291400-43291426	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_109140	FAQGDNCLFPHR	AGAP009788-PA	C7(Carbamidomethyl)	57	2.33E-05	1	1461.669	-0.46	Salivary gland	3R:+:43291427-43291462	exon=> In CDS Exon 2 of transcript AGAP009788-PA
JHU_Ag_21894	QVLKQTQK	AGAP009789-PA	Q5(Deamidated)	48	0.000156675	2	973.567	-0.97	Male reproductive organs	3R:-:43297873-43298037,43297539-43297633	exon=> In CDS Exon 8 and 7 of transcript AGAP009789-PA
JHU_Ag_11342	LGQAFDDVAK	AGAP009790-PA	-	45	0.000615278	2	1063.542	0.12	Pupa	3R:-:43301018-43300989	exon=> In CDS Exon 3 of transcript AGAP009790-PA
JHU_Ag_27813	LQTPIASLHCPR	AGAP009790-PA	C10(Carbamidomethyl)	83	6.28E-08	1	1392.743	1.18	Head	3R:-:43303817-43304182,43300957-43301319	exon=> In CDS Exon 3 and 2 of transcript AGAP009790-PA
JHU_Ag_71942	LCPDGMVFNDYDSDQEK	AGAP009790-PA	C2(Carbamidomethyl), M6(Oxidation)	108	3.85E-11	1	2048.823	0.98	Head	3R:-:43303910-43303860	exon=> In CDS Exon 2 of transcript AGAP009790-PA
JHU_Ag_97847	LQTPIASLHCPR	AGAP009790-PA	C10(Carbamidomethyl)	57	2.14E-05	1	1392.746	3.02	Pupa	3R:-:43303817-43304182,43300957-43301319	exon=> In CDS Exon 3 and 2 of transcript AGAP009790-PA
JHU_Ag_21631	AQCIIDQYSR	AGAP009791-PA	C3(Carbamidomethyl)	50	0.000168595	2	1253.598	3.17	Salivary gland	3R:+:43317357-43317386	exon=> In CDS Exon 8 of transcript AGAP009791-PA
JHU_Ag_92167	LLDVQALR	AGAP009791-PA	-	40	0.000573478	2	927.563	0.4	Salivary gland	3R:+:43315659-43315682	exon=> In CDS Exon 4 of transcript AGAP009791-PA
JHU_Ag_3710	FLSTVSVLK	AGAP009798-PA	-	29	0.002135251	2	993.600	2.39	Salivary gland	3R:-:43568936-43568910	exon=> In CDS Exon 3 of transcript AGAP009798-PA
JHU_Ag_6245	FITGCVVEAFEYLHSR	AGAP009798-PA	C5(Carbamidomethyl)	50	0.00014162	1	1927.940	1.55	Salivary gland	3R:-:43565762-43565715	exon=> In CDS Exon 7 of transcript AGAP009798-PA
JHU_Ag_7177	IAFNEFLGGLEK	AGAP009798-PA	-	32	0.008204231	2	1337.712	1.7	Head	3R:-:43568541-43568778,43568351-43568415	exon=> In CDS Exon 5 and 4 of transcript AGAP009798-PA
JHU_Ag_22869	SPDTELLIK	AGAP009798-PA	-	51	0.000130874	1	1015.567	0.31	Salivary gland	3R:-:43569323-43569297	exon=> In CDS Exon 3 of transcript AGAP009798-PA
JHU_Ag_25328	FITGCVVEAFEYLHSR	AGAP009798-PA	C5(Carbamidomethyl)	38	0.002546242	1	1927.934	-1.49	Midgut	3R:-:43565762-43565715	exon=> In CDS Exon 7 of transcript AGAP009798-PA
JHU_Ag_37357	GVVFGELAILYK	AGAP009798-PA	-	87	8.38E-09	1	1308.757	0.48	Salivary gland	3R:-:43569092-43569057	exon=> In CDS Exon 3 of transcript AGAP009798-PA
JHU_Ag_37506	IAFNEFLGGLEK	AGAP009798-PA	-	72	7.45E-07	2	1337.708	-1.4	Midgut	3R:-:43568541-43568778,43568351-43568415	exon=> In CDS Exon 5 and 4 of transcript AGAP009798-PA
JHU_Ag_72290	GIDIIELPSR	AGAP009798-PA	-	57	1.51E-05	2	1112.633	2.17	Salivary gland	3R:-:43565349-43565320	exon=> In CDS Exon 8 of transcript AGAP009798-PA
JHU_Ag_111364	IAFNEFLGGLEK	AGAP009798-PA	-	92	6.91E-09	2	1337.711	1.06	Salivary gland	3R:-:43568541-43568778,43568351-43568415	exon=> In CDS Exon 5 and 4 of transcript AGAP009798-PA
JHU_Ag_28625	INEVLLGIK	AGAP009799-PA	N2(Deamidated)	36	0.000963898	1	999.618	9.88	Male reproductive organs	3R:-:43614732-43614706	exon=> In CDS Exon 7 of transcript AGAP009799-PA

JHU_Ag_54185	TVITIAHR	AGAP009799-PA	-	54	1.21E-05	1	910.547	0.35	Head	3R:-:43584141-43584320,43583856-43584030	exon=> In CDS Exon 24 and 23 of transcript AGAP009799-PA
JHU_Ag_82282	INEVLLGIK	AGAP009799-PA	-	25	0.005966967	1	998.626	1.41	Malpighian tubule	3R:-:43614732-43614706	exon=> In CDS Exon 7 of transcript AGAP009799-PA
JHU_Ag_105318	QPAVVVR	AGAP009799-PA	Q1(Deamidated)	30	0.004539919	1	769.457	0.26	Pupa	3R:-:43596201-43596181	exon=> In CDS Exon 15 of transcript AGAP009799-PA
JHU_Ag_108962	RLDGGLR	AGAP009799-PA	-	38	0.001897884	2	786.452	-8.22	Midgut	3R:-:43587146-43587126	exon=> In CDS Exon 20 of transcript AGAP009799-PA
JHU_Ag_76826	RNILLEEK	AGAP009800-PA	N2(Deamidated)	41	0.001132043	1	1015.577	-1.01	Salivary gland	3R:+:43652730-43652753	exon=> In CDS Exon 2 of transcript AGAP009800-PA
JHU_Ag_44606	IFQISR	AGAP009804-PA,AGAP009805-PM	-	43	0.000589418	2	763.446	-0.21	Salivary gland	3R:-:43672205-43672188;3R:-:43677765-43677748	exon=> In CDS Exon 1 of transcript AGAP009804-PA;exon=> In CDS Exon 1 of transcript AGAP009805-PM
JHU_Ag_45234	IFQISR	AGAP009804-PA,AGAP009805-PM	-	45	0.000378812	2	763.446	-0.13	Ovary	3R:-:43672205-43672188;3R:-:43677765-43677748	exon=> In CDS Exon 1 of transcript AGAP009804-PA;exon=> In CDS Exon 1 of transcript AGAP009805-PM
JHU_Ag_58289	QLSSSLNALLK	AGAP009805-PF	Q1(Deamidated), N7(Deamidated)	39	0.001508726	2	1175.638	-11.68	Larva	3R:-:43689597-43689565	exon=> In CDS Exon 1 of transcript AGAP009805-PF
JHU_Ag_9306	ALALR	AGAP009807-PA,AGAP007178-PA,AGAP002597-PA	-	32	0.002037746	1	543.363	2.9	Malpighian tubule	3R:-:43708231-43708217;2L:+:43910681-43910695;2R:-:23771707-23771693	exon=> In CDS Exon 1 of transcript AGAP009807-PA;exon=> In CDS Exon 3 of transcript AGAP007178-PA;exon=> In CDS Exon 5 of transcript AGAP002597-PA
JHU_Ag_25485	TGAFALPILQALLDNPQR	AGAP009808-PA	-	116	1.00E-11	1	1938.080	-0.48	Ovary	3R:+:43709790-43709843	exon=> In CDS Exon 2 of transcript AGAP009808-PA
JHU_Ag_62741	SWEDLGLIDTLCTACR	AGAP009808-PA	C12(Carbamidomethyl), C15(Carbamidomethyl)	52	6.40E-05	1	1909.873	-2.75	Ovary	3R:+:43709564-43709578,43709655-43709687	exon=> In CDS Exon 1 and 2 of transcript AGAP009808-PA
JHU_Ag_63598	EAIPLALQGKDIIGLAETGSGK	AGAP009808-PA	-	62	2.72E-06	1	2181.218	2.56	Ovary	3R:+:43709724-43709789	exon=> In CDS Exon 2 of transcript AGAP009808-PA
JHU_Ag_102813	DIIGLAETGSGK	AGAP009808-PA	-	59	2.39E-05	2	1160.615	-0.88	Ovary	3R:+:43709754-43709789	exon=> In CDS Exon 2 of transcript AGAP009808-PA
JHU_Ag_104803	LLQYYLFIPAR	AGAP009808-PA	-	56	9.08E-06	2	1396.804	3.75	Ovary	3R:+:43710279-43710311	exon=> In CDS Exon 2 of transcript AGAP009808-PA
JHU_Ag_105605	QILISTDVASR	AGAP009808-PA	-	39	0.001408 98	2	1202.673	-0.7	Ovary	3R:+:43710510-43710542	exon=> In CDS Exon 2 of transcript AGAP009808-PA
JHU_Ag_109828	YFAVVLTPTR	AGAP009808-PA	-	43	0.000272928	1	1166.656	-0.8	Ovary	3R:+:43709844-43709873	exon=> In CDS Exon 2 of transcript AGAP009808-PA
JHU_Ag_15297	FADENFILK	AGAP009810-PA	-	55	3.88E-05	2	1096.567	0.04	Ovary	3R:-:43751081-43751055	exon=> In CDS Exon 2 of transcript AGAP009810-PA
JHU_Ag_18008	TVYVGGLSEEVTEK	AGAP009810-PA	-	98	2.06E-09	1	1510.767	2.19	Ovary	3R:-:43751810-43751769	exon=> In CDS Exon 1 of transcript AGAP009810-PA
JHU_Ag_46843	TVYVGGLSEEVTEK	AGAP009810-PA	-	66	3.94E-06	2	1510.764	0	Male reproductive organs	3R:-:43751810-43751769	exon=> In CDS Exon 1 of transcript AGAP009810-PA
JHU_Ag_54009	HVVFGNVISGADVVR	AGAP009810-PA	-	44	0.000331963	2	1568.856	0.85	Midgut	3R:-:43750867-43750823	exon=> In CDS Exon 3 of transcript AGAP009810-PA
JHU_Ag_62135	HVVFGNVISGADVVR	AGAP009810-PA	-	68	1.14E-06	1	1568.856	0.68	Ovary	3R:-:43750867-43750823	exon=> In CDS Exon 3 of transcript AGAP009810-PA
JHU_Ag_70363	VNTAKPQR	AGAP009810-PA	-	55	2.02E-05	1	913.521	-0.62	Male reproductive organs	3R:-:43751594-43751571	exon=> In CDS Exon 1 of transcript AGAP009810-PA
JHU_Ag_17431	GDEAFTVLDAQQYR	AGAP009811-PA	-	69	2.00E-06	2	1612.767	4.35	Salivary gland	3R:+:43753519-43753560	exon=> In CDS Exon 3 of transcript AGAP009811-PA

JHU_Ag_36370	LLDWLISR	AGAP009811-PA	-	52	4.46E-05	2	1015.596	2.84	Ovary	3R:+:43752470-43752493	exon=> In CDS Exon 2 of transcript AGAP009811-PA
JHU_Ag_57313	FVNDLLELQSFLK	AGAP009811-PA	-	96	1.39E-09	2	1565.864	4.23	Salivary gland	3R:+:43753567-43753605	exon=> In CDS Exon 3 of transcript AGAP009811-PA
JHU_Ag_57563	LLDWLISR	AGAP009811-PA	-	54	3.33E-05	1	1015.596	2.9	Salivary gland	3R:+:43752470-43752493	exon=> In CDS Exon 2 of transcript AGAP009811-PA
JHU_Ag_96653	QQSVELKPTQTK	AGAP009811-PA	-	40	0.001180913	1	1386.760	0.59	Salivary gland	3R:+:43753971-43754006	exon=> In CDS Exon 4 of transcript AGAP009811-PA
JHU_Ag_101331	NINYEIPGIRK	AGAP009811-PA	-	38	0.001461248	1	1316.733	0.6	Ovary	3R:+:43752850-43752882	exon=> In CDS Exon 3 of transcript AGAP009811-PA
JHU_Ag_21189	DLLFKMK	AGAP009814-PA	-	30	0.005067657	1	894.519	8.36	Larva	3R:-:43771078-43771058	exon=> In CDS Exon 1 of transcript AGAP009814-PA
JHU_Ag_77998	DLLFKMK	AGAP009814-PA	-	30	0.006937278	1	894.516	4.75	Head	3R:-:43771078-43771058	exon=> In CDS Exon 1 of transcript AGAP009814-PA
JHU_Ag_19318	DLEPEEPLPDAAR	AGAP009819-PA	-	57	3.43E-05	2	1451.706	3.44	Head	3R:+:43792872-43792910	exon=> In CDS Exon 4 of transcript AGAP009819-PA
JHU_Ag_39397	DVALQATQPDNAK	AGAP009821-PA	-	88	2.09E-08	2	1370.693	1.06	Head	3R:+:43802033-43802071	exon=> In CDS Exon 3 of transcript AGAP009821-PA
JHU_Ag_106136	ENLLSAIRQK	AGAP009821-PA	N2(Deamidated), Q9(Deamidated)	35	0.003484892	1	1173.663	12.96	Male reproductive organs	3R:+:43802428-43802457	exon=> In CDS Exon 5 of transcript AGAP009821-PA
JHU_Ag_4968	LPVVADFIEQYAPGLPK	AGAP009823-PA	-	74	2.23E-07	2	1857.024	4.62	Salivary gland	3R:+:43814983-43815003,43815092-43815121	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_6212	LPVVADFIEQYAPGLPK	AGAP009823-PA	-	32	0.003684611	3	1857.022	3.53	Larva	3R:+:43814983-43815003,43815092-43815121	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_8419	QAGLLPAVQDAWTCTMK	AGAP009823-PA	C14(Carbamidomethyl)	88	2.71E-08	1	1889.923	-1.13	Midgut	3R:+:43814687-43814737	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_17830	FEASFTGQTLK	AGAP009823-PA	-	63	5.08E-06	1	1228.626	3.79	Larva	3R:+:43814654-43814686	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_21022	KIGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	69	1.49E-06	1	2413.089	3.78	Male reproductive organs	3R:+:43815122-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_26216	HTFEFFK	AGAP009823-PA	-	41	0.000698963	2	955.468	0.46	Ovary	3R:+:43815188-43815208	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_29166	VLWNGTK	AGAP009823-PA	-	37	0.002907612	1	817.456	-0.72	Midgut	3R:+:43814923-43814943	exon=> In CDS Exon 5 of transcript AGAP009823-PA
JHU_Ag_30588	KIGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	61	7.98E-06	1	2413.081	0.44	Midgut	3R:+:43815122-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_34698	FEASFTGQTLK	AGAP009823-PA	-	45	0.000327887	2	1228.618	-2.37	Midgut	3R:+:43814654-43814686	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_36009	LPVVADFIEQYAPGLPK	AGAP009823-PA	-	103	3.30E-10	1	1857.017	0.48	Ovary	3R:+:43814983-43815003,43815092-43815121	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_36345	LPVVADFIEQYAPGLPK	AGAP009823-PA	-	109	7.48E-11	1	1857.019	2	Male reproductive organs	3R:+:43814983-43815003,43815092-43815121	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_36525	WAETNVPVYYQATSK	AGAP009823-PA	-	63	6.17E-06	2	1756.859	2.74	Head	3R:+:43814759-43814803	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_37979	AGGKFEASFTGQTLK	AGAP009823-PA	-	102	8.03E-10	1	1541.796	-0.06	Pupa	3R:+:43814642-43814686	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_42786	LPVVADFIEQYAPGLPK	AGAP009823-PA	-	40	0.000638839	3	1857.022	3.24	Pupa	3R:+:43814983-43815003,43815092-43815121	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_44019	IGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	81	3.75E-08	2	2284.988	1.24	Male reproductive organs	3R:+:43815125-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA

JHU_Ag_45773	LPVVADFIEQYAPGLPKK	AGAP009823-PA	-	82	2.70E-08	1	1985.110	-0.6	Midgut	3R:+:43814983-43815003,43815092-43815124	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_61001	LSMESLGK	AGAP009823-PA	M3(Oxidation)	56	3.81E-05	2	880.445	0.15	Midgut	3R:+:43815731-43815754	exon=> In CDS Exon 7 of transcript AGAP009823-PA
JHU_Ag_62853	ALGPYVEFSIDFGK	AGAP009823-PA	-	61	1.12E-05	2	1542.796	8.02	Larva	3R:+:43814881-43814922	exon=> In CDS Exon 5 of transcript AGAP009823-PA
JHU_Ag_64046	HTFEFFK	AGAP009823-PA	-	40	0.000800671	2	955.468	0.39	Head	3R:+:43815188-43815208	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_64087	WAETNVPVYYQATSK	AGAP009823-PA	-	66	3.26E-06	2	1756.856	1	Pupa	3R:+:43814759-43814803	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_64466	IGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	116	1.14E-11	1	2284.985	-0.04	Midgut	3R:+:43815125-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_65604	LPVVADFIEQYAPGLPK	AGAP009823-PA	-	69	7.30E-07	1	1857.018	1.21	Head	3R:+:43814983-43815003,43815092-43815121	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_66910	LPVVADFIEQYAPGLPK	AGAP009823-PA	-	119	8.36E-12	1	1857.014	-0.9	Midgut	3R:+:43814983-43815003,43815092-43815121	exon=> In CDS Exon 5 and 6 of transcript AGAP009823-PA
JHU_Ag_68193	AGGKFEASFTGQTLK	AGAP009823-PA	-	75	3.92E-07	1	1541.797	0.74	Male reproductive organs	3R:+:43814642-43814686	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_69879	IGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	117	9.19E-12	1	2284.981	-1.75	Head	3R:+:43815125-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_71541	FEASFTGQTLK	AGAP009823-PA	-	39	0.0014468	2	1228.621	0.21	Pupa	3R:+:43814654-43814686	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_72404	ALGPYVEFSIDFGK	AGAP009823-PA	-	105	5.06E-10	1	1542.784	-0.05	Midgut	3R:+:43814881-43814922	exon=> In CDS Exon 5 of transcript AGAP009823-PA
JHU_Ag_78048	TQVFVGK	AGAP009823-PA	-	42	0.000571686	1	778.447	2.04	Male reproductive organs	3R:+:43815209-43815222,43815724-43815730	exon=> In CDS Exon 6 and 7 of transcript AGAP009823-PA
JHU_Ag_80420	WAETNVPVYYQATSK	AGAP009823-PA	-	48	0.000218841	1	1756.861	3.78	Midgut	3R:+:43814759-43814803	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_84773	LSMESLGK	AGAP009823-PA	M3(Oxidation)	42	0.001046264	2	880.446	1.33	Larva	3R:+:43815731-43815754	exon=> In CDS Exon 7 of transcript AGAP009823-PA
JHU_Ag_89816	HTFEFFK	AGAP009823-PA	-	36	0.002081872	2	955.468	0.27	Pupa	3R:+:43815188-43815208	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_94347	KIGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C7(Carbamidomethyl), C10(Carbamidomethyl)	42	0.000672094	1	2413.085	2.11	Pupa	3R:+:43815122-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_95048	ALGPYVEFSIDFGK	AGAP009823-PA	-	65	4.71E-06	2	1542.790	4.14	Pupa	3R:+:43814881-43814922	exon=> In CDS Exon 5 of transcript AGAP009823-PA
JHU_Ag_96842	WAETNVPVYYQATSK	AGAP009823-PA	-	42	0.000789903	2	1756.863	5.03	Larva	3R:+:43814759-43814803	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_97993	AGGKFEASFTGQTLK	AGAP009823-PA	-	132	8.68E-13	1	1541.795	-0.37	Midgut	3R:+:43814642-43814686	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_98081	IGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	102	2.97E-10	2	2284.989	1.78	Pupa	3R:+:43815125-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_101846	WAETNVPVYYQATSK	AGAP009823-PA	-	59	1.51E-05	1	1756.856	0.93	Male reproductive organs	3R:+:43814759-43814803	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_102666	FEASFTGQTLK	AGAP009823-PA	-	37	0.001918405	2	1228.622	0.71	Ovary	3R:+:43814654-43814686	exon=> In CDS Exon 4 of transcript AGAP009823-PA
JHU_Ag_102729	IGDASCAFCDTVSTFASNAYK	AGAP009823-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	63	2.52E-06	2	2284.991	2.42	Malpighian tubule	3R:+:43815125-43815187	exon=> In CDS Exon 6 of transcript AGAP009823-PA
JHU_Ag_487	SPFTDLTASMVNFQQYDK	AGAP009824-PA	M10(Oxidation)	170	1.30E-16	1	2107.962	-1.17	Head	3R:-:43818851-43818798	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_35553	SPFTDLTASMVNFQQYDK	AGAP009824-PA	M10(Oxidation)	138	1.97E-13	1	2107.970	2.54	Visceras	3R:-:43818851-43818798	exon=> In CDS Exon 1 of transcript AGAP009824-PA

JHU_Ag_41986	SPFTDLTASMVNFQQYDK	AGAP009824-PA	M10(Oxidation)	112	8.92E-11	2	2091.973	2	Malpighian tubule	3R:-:43818851-43818798	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_43307	SLGPFFR	AGAP009824-PA	N-Term(Acetyl)	47	0.000183157	1	865.458	1.98	Malpighian tubule	3R:-:43818872-43818852	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_44281	CGELEMASIDCLEAYGTVR	AGAP009824-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	63	4.44E-06	2	2173.962	2.58	Head	3R:-:43818797-43818741	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_71558	KCADLLADFQECAFMTK	AGAP009824-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	66	2.71E-06	1	2047.938	4.53	Visceras	3R:-:43818731-43818681	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_79918	CADLLADFQECAFMTK	AGAP009824-PA	C1(Carbamidomethyl), C11(Carbamidomethyl),"C1(Carbamidomethyl), C11(Carbamidomethyl), M14(Oxidation)"	103	4.00E-10	1	1935.828	-0.49	Midgut	3R:-:43818728-43818681	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_90105	SPFTDLTASMVNFQQYDK	AGAP009824-PA	-	117	2.35E-11	1	2091.972	1.3	Salivary gland	3R:-:43818851-43818798	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_95257	KGDGYYAPPPR	AGAP009824-PA	-	89	1.71E-08	1	1220.606	0.49	Visceras	3R:-:43818511-43818479	exon=> In CDS Exon 2 of transcript AGAP009824-PA
JHU_Ag_104004	SPFTDLTASMVNFQQYDK	AGAP009824-PA	M10(Oxidation)	133	6.33E-13	1	2091.963	-3.02	Midgut	3R:-:43818851-43818798	exon=> In CDS Exon 1 of transcript AGAP009824-PA
JHU_Ag_37614	ITQNYLK	AGAP009826-PA	N4(Deamidated)	42	0.000760801	1	880.477	-1.05	Ovary	3R:-:43823901-43823881	exon=> In CDS Exon 2 of transcript AGAP009826-PA
JHU_Ag_6395	TTWILTTAQCVNDKTAADLK	AGAP009828-PA	C10(Carbamidomethyl)	97	2.94E-09	1	2250.142	-0.63	Midgut	3R:-:43936604-43936545	exon=> In CDS Exon 1 of transcript AGAP009828-PA
JHU_Ag_11080	ILTGSHR	AGAP009828-PA	-	31	0.004405583	1	783.447	-0.23	Midgut	3R:-:43936544-43936524	exon=> In CDS Exon 1 of transcript AGAP009828-PA
JHU_Ag_14639	TLSTSDCR	AGAP009828-PA	C7(Carbamidomethyl)	33	0.00337488	2	939.418	-2.11	Midgut	3R:-:43936271-43936248	exon=> In CDS Exon 1 of transcript AGAP009828-PA
JHU_Ag_17871	LVGLFNYGSQCTGR	AGAP009828-PA	C11(Carbamidomethyl)	65	4.59E-06	2	1571.765	0.97	Visceras	3R:-:43936066-43936025	exon=> In CDS Exon 2 of transcript AGAP009828-PA
JHU_Ag_21144	TTWILTTAQCVNDK	AGAP009828-PA	C10(Carbamidomethyl)	112	1.03E-10	1	1650.815	-0.32	Midgut	3R:-:43936604-43936563	exon=> In CDS Exon 1 of transcript AGAP009828-PA
JHU_Ag_28759	LVGLFNYGSQCTGR	AGAP009828-PA	C11(Carbamidomethyl)	107	2.48E-10	1	1571.759	-2.61	Midgut	3R:-:43936066-43936025	exon=> In CDS Exon 2 of transcript AGAP009828-PA
JHU_Ag_72925	HPSYKPASSEYNLALLQLSAAVSLSSR	AGAP009828-PA	-	116	2.01E-11	1	2889.511	0.09	Midgut	3R:-:43936478-43936398	exon=> In CDS Exon 1 of transcript AGAP009828-PA
JHU_Ag_84652	SPDVFVNVLTHK	AGAP009828-PA	-	97	1.95E-09	1	1355.730	-1.36	Midgut	3R:-:43936024-43935989	exon=> In CDS Exon 2 of transcript AGAP009828-PA
JHU_Ag_86430	TTSASTLLCAGVLIK	AGAP009828-PA	C9(Carbamidomethyl)	102	4.08E-10	2	1534.850	-0.7	Midgut	3R:-:43936649-43936605	exon=> In CDS Exon 1 of transcript AGAP009828-PA
JHU_Ag_91429	LVGLFNYGSQCTGR	AGAP009828-PA	C11(Carbamidomethyl)	43	0.000648341	1	1571.760	-2.45	Salivary gland	3R:-:43936066-43936025	exon=> In CDS Exon 2 of transcript AGAP009828-PA
JHU_Ag_92943	SPDVFVNVLTHK	AGAP009828-PA	-	55	3.28E-05	2	1355.735	2	Visceras	3R:-:43936024-43935989	exon=> In CDS Exon 2 of transcript AGAP009828-PA
JHU_Ag_103373	ELLLISK	AGAP009828-PA	-	42	0.00012183	1	815.524	-0.12	Midgut	3R:-:43936508-43936488	exon=> In CDS Exon 1 of transcript AGAP009828-PA
JHU_Ag_105288	LVGLFNYGSQCTGR	AGAP009828-PA	C11(Carbamidomethyl)	62	8.70E-06	1	1571.767	2.21	Head	3R:-:43936066-43936025	exon=> In CDS Exon 2 of transcript AGAP009828-PA
JHU_Ag_109879	AQSGLVDLSADNICTIGQPGQAACTHDEAGPLVR	AGAP009828-PA	C14(Carbamidomethyl), C24(Carbamidomethyl)	115	3.90E-11	1	3521.676	0.37	Midgut	3R:-:43936247-43936724,43935962-43936082	exon=> In CDS Exon 2 and 1 of transcript AGAP009828-PA
JHU_Ag_40717	DFCDFPEEASCERPLQIDP	AGAP009830-PA	C3(Carbamidomethyl), C11(Carbamidomethyl)	47	0.000103321	2	2324.979	-0.28	Midgut	3R:+:44029720-44029776	exon=> In CDS Exon 2 of transcript AGAP009830-PA
JHU_Ag_44506	YEMDCPAGLHWNIEK	AGAP009830-PA	M3(Oxidation), C5(Carbamidomethyl)	38	0.001151415	1	1878.812	-1.87	Midgut	3R:+:44029675-44029719	exon=> In CDS Exon 2 of transcript AGAP009830-PA

JHU_Ag_75607	KYEMDCPAGLHWNIEK	AGAP009830-PA	M4(Oxidation), C6(Carbamidomethyl),C6(Carbamidomethyl)	88	2.28E-08	1	1990.912	-1.65	Midgut	3R:+:44029672-44029719	exon=> In CDS Exon 2 of transcript AGAP009830-PA
JHU_Ag_13503	ILLALDDR	AGAP009831-PA	-	42	0.000666557	2	928.548	1.9	Salivary gland	3R:-:44035176-44035153	exon=> In CDS Exon 4 of transcript AGAP009831-PA
JHU_Ag_36187	GMLLLLR	AGAP009831-PA	M2(Oxidation)	40	0.000303724	2	831.513	0.96	Salivary gland	3R:-:44033403-44033383	exon=> In CDS Exon 5 of transcript AGAP009831-PA
JHU_Ag_99295	LDVATNDIVIQGANTTR	AGAP009831-PA	-	98	2.34E-09	2	1800.945	-0.06	Salivary gland	3R:-:44035017-44034967	exon=> In CDS Exon 4 of transcript AGAP009831-PA
JHU_Ag_105473	GLIDVTQTDPAR	AGAP009831-PA	-	74	4.29E-07	2	1285.676	1.34	Salivary gland	3R:-:44033349-44033314	exon=> In CDS Exon 5 of transcript AGAP009831-PA
JHU_Ag_13	LRDGITLTLSTLVDGK	AGAP009833-PA	-	50	2.24E-05	1	1701.975	0.13	Visceras	3R:+:44050258-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_647	VFGSLETK	AGAP009833-PA	-	37	0.002189928	1	880.478	1.08	Salivary gland	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_817	VFGSLETK	AGAP009833-PA	-	37	0.002135157	1	880.478	0.87	Male reproductive organs	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_1343	LRDGITLTLSTLVDGK	AGAP009833-PA	-	133	1.29E-13	1	1701.979	2.39	Pupa	3R:+:44050258-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_1740	SKITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	N6(Deamidated)	164	5.77E-16	1	2881.426	1.03	Pupa	3R:+:44049906-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_2418	FKTAYSHDR	AGAP009833-PA	-	54	6.61E-05	1	1124.549	0.57	Malpighian tubule	3R:+:44049762-44049788	exon=> In CDS Exon 2 of transcript AGAP009833-PA
JHU_Ag_3808	APPSYSDLGK	AGAP009833-PA	-	54	8.64E-05	1	1034.515	-0.39	Ovary	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_4152	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	155	4.35E-15	1	2666.310	5.34	Visceras	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_4162	NFNAGGHK	AGAP009833-PA	N1(Deamidated),N3(Deamidated)	46	0.000125717	1	845.397	8.23	Malpighian tubule	3R:+:44050406-44050429	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_4676	LETAVQLSWASGSNATK	AGAP009833-PA	-	103	8.22E-10	2	1762.900	1.7	Salivary gland	3R:+:44050111-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_4747	TAYSHDR	AGAP009833-PA	-	35	0.003625125	2	849.386	0.89	Midgut	3R:+:44049768-44049788	exon=> In CDS Exon 2 of transcript AGAP009833-PA
JHU_Ag_5402	GYHFGLWK	AGAP009833-PA	-	42	0.001094456	1	1007.509	-0.87	Midgut	3R:+:44049276-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_6134	AKVNNQSQIGLGYQQK	AGAP009833-PA	N5(Deamidated),N4(Deamidated),Q6(Deamidated),Q8(Deamidated)	130	1.06E-12	1	1775.934	-3.61	Midgut	3R:+:44050210-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_6558	ITANNFALGYSAGDFVLHTNVNDGREFGGLIYQR	AGAP009833-PA	-	164	3.41E-16	1	3729.849	2.22	Salivary gland	3R:+:44049912-44049973,44050059-44050098	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_6710	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	N14(Deamidated),N2(Deamidated)	127	1.48E-12	1	1952.856	-1.02	Midgut	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_6742	DGITLTLSTLVDGK	AGAP009833-PA	-	75	2.44E-07	2	1432.794	3.53	Salivary gland	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_7746	APPSYSDLGKQAR	AGAP009833-PA	-	105	5.21E-10	1	1389.716	2.49	Malpighian tubule	3R:+:44049222-44049260	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_8756	EYGLNFSEKWNTDNTLTSEVSVENQLVK	AGAP009833-PA	-	34	0.004917025	1	3244.574	2.89	Head	3R:+:44049411-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA

JHU_Ag_9827	VSFDGMFVPHTGSK	AGAP009833-PA	-	38	0.002509099	1	1508.725	3.13	Visceras	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_9888	DGITLTLSTLVDGK	AGAP009833-PA	-	78	1.42E-07	1	1432.791	0.81	Male reproductive organs	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_9952	ITANNFALGYSAGDFVLHTNVNDGREFGGLIYQR	AGAP009833-PA	-	68	1.42E-06	1	3729.858	4.58	Visceras	3R:+:44049912-44049973,44050059-44050098	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_10027	VKEYGLNFSEK	AGAP009833-PA	-	91	9.06E-09	1	1313.674	0.46	Pupa	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_10137	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	65	3.05E-06	1	1254.581	2.22	Male reproductive organs	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_10255	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	96	1.80E-09	1	1952.861	1.28	Ovary	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_10257	EFGGLIYQR	AGAP009833-PA	-	57	2.15E-05	2	1082.564	0.75	Salivary gland	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_10508	DGITLTLSTLVDGK	AGAP009833-PA	-	94	3.19E-09	2	1432.788	-1.24	Midgut	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_11180	VKEYGLNFSEK	AGAP009833-PA	-	91	8.65E-09	1	1313.673	-0.38	Male reproductive organs	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_12194	SKITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	112	9.50E-11	1	2881.423	0.2	Midgut	3R:+:44049906-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_13487	GLKVSFDGMFVPHTGSK	AGAP009833-PA	M9(Oxidation)	90	1.40E-08	1	1806.927	3.45	Malpighian tubule	3R:+:44049495-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_15273	EYGLNFSEK	AGAP009833-PA	-	52	5.20E-05	1	1086.510	-0.11	Visceras	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_15696	EYGLNFSEK	AGAP009833-PA	-	55	2.59E-05	1	1086.511	0.9	Male reproductive organs	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_15728	EYGLNFSEK	AGAP009833-PA	-	58	1.57E-05	1	1086.510	-0.33	Head	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_16373	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	N14(Deamidated),Q15(Deamidated),N2(Deamidated)	149	1.05E-14	1	1952.859	0.54	Head	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_17108	TNSGVEFSTSGHSNQDTGKVFGSLETK	AGAP009833-PA	-	142	9.51E-14	1	2814.318	0.15	Head	3R:+:44049318-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_18571	GYHFGLWKLDVK	AGAP009833-PA	-	37	0.00203855	1	1462.789	3.1	Malpighian tubule	3R:+:44049276-44049311	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_19186	VKEYGLNFSEK	AGAP009833-PA	-	95	3.44E-09	1	1313.674	-0.1	Salivary gland	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_20576	VNNQSQIGLGYQQK	AGAP009833-PA	Q4(Deamidated),Q6(Deamidated),N3(Deamidated),N2(Deamidated)	115	5.27E-11	1	1577.793	0.97	Midgut	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_20811	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	138	2.63E-13	1	2666.298	0.64	Salivary gland	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_20995	VKEYGLNFSEK	AGAP009833-PA	-	91	9.61E-09	1	1313.671	-1.96	Midgut	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_23255	GYHFGLWK	AGAP009833-PA	-	40	0.001593951	1	1007.511	1.29	Male reproductive organs	3R:+:44049276-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_23824	TKTNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	133	5.35E-13	1	2181.997	-1.79	Male reproductive organs	3R:+:44049312-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA

JHU_Ag_24538	VNNQSQIGLGYQQK	AGAP009833-PA	Q4(Deamidated),N3(Deamidated),N2(Deamidated)	112	8.87E-11	1	1576.814	3.6	Salivary gland	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_25157	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	103	7.34E-10	1	1508.721	0.54	Pupa	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_25170	GYHFGLWK	AGAP009833-PA	-	42	0.001043458	1	1007.511	1.19	Malpighian tubule	3R:+:44049276-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_25258	APPSYSDLGK	AGAP009833-PA	-	51	0.000168446	1	1034.515	-0.2	Salivary gland	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_25462	LRDGITLTLSTLVDGK	AGAP009833-PA	-	133	1.23E-13	1	1701.976	1.03	Head	3R:+:44050258-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_25880	DVFNKGYHFGLWK	AGAP009833-PA	-	78	2.16E-07	1	1610.817	3.54	Malpighian tubule	3R:+:44049261-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_27266	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	N5(Deamidated),N4(Deamidated),N22(Deamidated),N20(Deamidated)	169	1.85E-16	1	2666.302	2.29	Malpighian tubule	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_28872	DVFNKGYHFGLWK	AGAP009833-PA	N4(Deamidated)	79	2.05E-07	1	1610.813	0.73	Pupa	3R:+:44049261-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_30238	DGITLTLSTLVDGK	AGAP009833-PA	-	68	1.28E-06	2	1432.796	4.64	Visceras	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_30306	VFGSLETK	AGAP009833-PA	-	35	0.003172705	1	880.478	0.6	Visceras	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_30845	CNDRLETAVQLSWASGSNATK	AGAP009833-PA	C1(Carbamidomethyl)	116	3.48E-11	1	2308.098	-0.53	Midgut	3R:+:44050099-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_30968	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	69	1.91E-06	1	1524.719	2.27	Salivary gland	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_31699	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	169	1.82E-16	1	2666.304	3.05	Head	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_32175	EFGGLIYQR	AGAP009833-PA	-	59	1.58E-05	1	1082.562	-0.54	Head	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_32373	DGITLTLSTLVDGK	AGAP009833-PA	-	104	2.88E-10	2	1432.792	1.74	Pupa	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_32720	TNSGVEFSTSGHSNQDTGKVFGSLETK	AGAP009833-PA	-	110	1.52E-10	1	2814.316	-0.69	Midgut	3R:+:44049318-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_32912	WNTDNTLTSEVSVENQLVK	AGAP009833-PA	-	144	5.80E-14	1	2177.083	5.01	Salivary gland	3R:+:44049438-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_32937	VNNQSQIGLGYQQK	AGAP009833-PA	-	116	4.31E-11	1	1576.812	2.6	Larva	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_33070	VFGSLETK	AGAP009833-PA	-	39	0.001608723	2	880.476	-2.19	Head	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_34625	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	151	9.99E-15	1	2666.309	5.04	Larva	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_34669	VFGSLETK	AGAP009833-PA	-	62	7.22E-06	2	880.479	1.48	Malpighian tubule	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_34844	GLKVSFDGMFVPHTGSK	AGAP009833-PA	M9(Oxidation)	32	0.010924388	1	1822.915	-0.46	Midgut	3R:+:44049495-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA

JHU_Ag_35001	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	135	2.21E-13	1	1952.855	-1.71	Male reproductive organs	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_35392	TNSGVEFSTSGHSNQDTGKVFGSLETK	AGAP009833-PA	-	134	5.53E-13	1	2814.321	1.26	Salivary gland	3R:+:44049318-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_36572	TAYSHDR	AGAP009833-PA	-	33	0.005074493	2	849.383	-2.56	Head	3R:+:44049768-44049788	exon=> In CDS Exon 2 of transcript AGAP009833-PA
JHU_Ag_36943	TNSGVEFSTSGHSNQDTGKVFGSLETK	AGAP009833-PA	-	156	4.08E-15	1	2814.327	3.28	Malpighian tubule	3R:+:44049318-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_37731	VNNQSQIGLGYQQK	AGAP009833-PA	-	114	5.62E-11	1	1576.806	-0.89	Ovary	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_37939	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	76	3.52E-07	1	1524.721	3.55	Larva	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_38059	LETAVQLSWASGSNATK	AGAP009833-PA	-	70	1.50E-06	2	1762.904	3.7	Malpighian tubule	3R:+:44050111-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_40563	VNNQSQIGLGYQQKLR	AGAP009833-PA	-	94	3.62E-09	1	1846.002	4.59	Malpighian tubule	3R:+:44050216-44050263	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_40613	LETAVQLSWASGSNATK	AGAP009833-PA	-	65	4.46E-06	2	1762.903	3.08	Male reproductive organs	3R:+:44050111-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_43072	SKITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	169	1.63E-16	1	2881.420	-1.07	Head	3R:+:44049906-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_43248	AKVNNQSQIGLGYQQK	AGAP009833-PA	N4(Deamidated)	111	9.17E-11	1	1775.941	0.65	Pupa	3R:+:44050210-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_44900	APPSYSDLGK	AGAP009833-PA	-	54	7.50E-05	1	1034.514	-0.98	Head	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_46483	VKEYGLNFSEK	AGAP009833-PA	-	72	7.32E-07	1	1313.680	4.82	Larva	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_46684	APPSYSDLGK	AGAP009833-PA	-	50	0.000176305	1	1034.514	-1.38	Male reproductive organs	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_46863	DVFNKGYHFGLWK	AGAP009833-PA	-	74	6.07E-07	1	1610.813	1.04	Head	3R:+:44049261-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_47497	TKTNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	170	1.25E-16	1	2182.001	-0.06	Head	3R:+:44049312-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_50068	TAYSHDR	AGAP009833-PA	-	33	0.00539912	2	849.385	-0.11	Malpighian tubule	3R:+:44049768-44049788	exon=> In CDS Exon 2 of transcript AGAP009833-PA
JHU_Ag_50369	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	N5(Deamidated),N4(Deamidated),N22(Deamidated),N20(Deamidated)	152	9.07E-15	1	2666.303	2.84	Pupa	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_50624	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	70	7.47E-07	1	1952.862	1.75	Visceras	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_51601	EYGLNFSEKWNTDNTLTSEVSVENQLVK	AGAP009833-PA	-	87	3.02E-08	1	3244.581	5.04	Malpighian tubule	3R:+:44049411-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_52386	LRDGITLTLSTLVDGK	AGAP009833-PA	-	90	1.95E-09	2	1701.981	4.04	Ovary	3R:+:44050258-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_53970	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	93	7.70E-09	1	1524.719	2.35	Male reproductive organs	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_54016	WNTDNTLTSEVSVENQLVK	AGAP009833-PA	N5(Deamidated),N2(Deamidated)	148	2.38E-14	2	2177.073	0.41	Head	3R:+:44049438-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_55570	VNNQSQIGLGYQQK	AGAP009833-PA	N3(Deamidated),N2(Deamidated)	106	3.57E-10	1	1576.808	0.28	Male reproductive organs	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_56849	AKVNNQSQIGLGYQQK	AGAP009833-PA	-	111	8.38E-11	1	1775.942	1.2	Male reproductive organs	3R:+:44050210-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA

JHU_Ag_59480	EYGLNFSEK	AGAP009833-PA	-	42	0.000551853	1	1086.510	0.11	Salivary gland	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_59597	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	N5(Deamidated),N4(Deamidated),N22(Deamidated)	150	1.49E-14	1	2666.281	-5.4	Midgut	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_59692	VFGSLETK	AGAP009833-PA	-	43	0.000580002	1	880.479	2.25	Midgut	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_59705	EYGLNFSEK	AGAP009833-PA	-	53	4.98E-05	1	1086.515	4.38	Larva	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_59896	VNNQSQIGLGYQQK	AGAP009833-PA	-	119	1.85E-11	1	1576.809	0.43	Visceras	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_60013	EFGGLIYQR	AGAP009833-PA	-	55	3.07E-05	2	1082.564	0.86	Pupa	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_60148	EYGLNFSEK	AGAP009833-PA	-	46	0.000219038	1	1086.512	1.24	Pupa	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_60895	EFGGLIYQR	AGAP009833-PA	-	63	6.51E-06	1	1082.563	-0.38	Male reproductive organs	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_61294	NFNAGGHK	AGAP009833-PA	N1(Deamidated)	60	5.30E-06	1	845.392	1.8	Midgut	3R:+:44050406-44050429	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_61413	WNTDNTLTSEVSVENQLVK	AGAP009833-PA	-	144	6.68E-14	1	2177.070	-0.93	Midgut	3R:+:44049438-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_61932	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	N14(Deamidated),Q15(Deamidated),N2(Deamidated)	147	1.56E-14	1	1952.859	0.29	Malpighian tubule	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_64002	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	63	5.56E-06	1	1254.576	-1.61	Pupa	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_64432	VFGSLETK	AGAP009833-PA	-	42	0.000764586	2	880.480	2.38	Larva	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_65376	FKTAYSHDR	AGAP009833-PA	-	52	8.12E-05	1	1124.548	-0.19	Midgut	3R:+:44049762-44049788	exon=> In CDS Exon 2 of transcript AGAP009833-PA
JHU_Ag_67056	LETAVQLSWASGSNATK	AGAP009833-PA	-	90	1.49E-08	1	1762.906	5.02	Larva	3R:+:44050111-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_67399	AKVNNQSQIGLGYQQK	AGAP009833-PA	-	120	8.44E-12	2	1775.949	4.84	Larva	3R:+:44050210-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_67776	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	104	6.06E-10	1	1508.716	-2.94	Midgut	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_67786	VKEYGLNFSEK	AGAP009833-PA	-	91	9.01E-09	1	1313.673	-0.66	Head	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_68253	EYGLNFSEK	AGAP009833-PA	-	43	0.000401346	1	1086.512	1.24	Malpighian tubule	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_69223	VNNQSQIGLGYQQK	AGAP009833-PA	Q4(Deamidated),"N3(Deamidated),Q6(Deamidated)","N2(Deamidated),Q6(Deamidated)",N3(Deamidated),N2(Deamidated)	122	1.10E-11	1	1577.794	1.04	Pupa	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_69931	ITANNFALGYSAGDFVLHTNVNDGREFGGLIYQR	AGAP009833-PA	N4(Deamidated)	131	6.58E-13	1	3729.847	1.63	Midgut	3R:+:44049912-44049973,44050059-44050098	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_71130	GYHFGLWK	AGAP009833-PA	-	42	0.001144094	1	1007.513	2.7	Larva	3R:+:44049276-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_71607	EFGGLIYQR	AGAP009833-PA	-	74	4.13E-07	2	1082.566	2.44	Malpighian tubule	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA

JHU_Ag_73330	CNDRLETAVQLSWASGSNATK	AGAP009833-PA	C1(Carbamidomethyl)	130	1.62E-12	1	2308.102	1.29	Salivary gland	3R:+:44050099-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_73466	VNNQSQIGLGYQQK	AGAP009833-PA	Q4(Deamidated),Q12(Deamidated),Q13(Deamidated),Q6(Deamidated),N2(Deamidated)	121	1.29E-11	1	1576.809	0.89	Head	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_73581	DGITLTLSTLVDGKNFNAGGHK	AGAP009833-PA	-	63	5.09E-06	1	2258.182	1.87	Pupa	3R:+:44050264-44050267,44050368-44050429	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_74491	CNDRLETAVQLSWASGSNATK	AGAP009833-PA	C1(Carbamidomethyl)	132	1.04E-12	1	2308.101	0.98	Head	3R:+:44050099-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_74517	TNSGVEFSTSGHSNQDTGKVFGSLETK	AGAP009833-PA	N2(Deamidated)	174	5.36E-17	1	2814.319	0.35	Pupa	3R:+:44049318-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_76926	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	88	1.32E-08	1	1952.860	0.91	Salivary gland	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_76972	TKTNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	104	5.12E-10	1	2181.999	-0.73	Salivary gland	3R:+:44049312-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_77014	EFGGLIYQR	AGAP009833-PA	-	58	2.11E-05	2	1082.563	-0.16	Ovary	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_77226	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	159	1.79E-15	1	2666.299	1.19	Male reproductive organs	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_77688	APPSYSDLGK	AGAP009833-PA	-	64	7.82E-06	1	1034.516	0.32	Pupa	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_77944	VKEYGLNFSEK	AGAP009833-PA	-	77	2.68E-07	1	1313.677	2.41	Visceras	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_78162	TKTNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	130	1.21E-12	1	2181.997	-1.65	Midgut	3R:+:44049312-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_79894	VKEYGLNFSEK	AGAP009833-PA	-	95	3.54E-09	1	1313.677	2.5	Malpighian tubule	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_80338	NFNAGGHK	AGAP009833-PA	N1(Deamidated)	46	0.000159332	1	844.407	0.8	Head	3R:+:44050406-44050429	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_80604	NFNAGGHK	AGAP009833-PA	-	34	0.002662587	1	844.406	-0.15	Male reproductive organs	3R:+:44050406-44050429	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_80706	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	67	2.18E-06	1	1254.577	-0.83	Ovary	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_80838	VRVDADFNVDLSGPLVNASGVAAYQGWLAGYQVAFDSQK	AGAP009833-PA	-	58	1.44E-05	1	4128.063	4.12	Head	3R:+:44049789-44049905	exon=> In CDS Exon 2 of transcript AGAP009833-PA
JHU_Ag_81537	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	70	1.05E-06	1	1254.577	-1.22	Head	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_82313	NFNAGGHK	AGAP009833-PA	-	39	0.000859671	1	844.410	4.85	Ovary	3R:+:44050406-44050429	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_82436	LETAVQLSWASGSNATK	AGAP009833-PA	-	133	8.48E-13	2	1762.896	-0.8	Midgut	3R:+:44050111-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_83195	FKTAYSHDR	AGAP009833-PA	-	52	8.39E-05	1	1124.551	2.74	Male reproductive organs	3R:+:44049762-44049788	exon=> In CDS Exon 2 of transcript AGAP009833-PA
JHU_Ag_85956	CNDRLETAVQLSWASGSNATK	AGAP009833-PA	C1(Carbamidomethyl)	124	6.73E-12	1	2308.108	3.91	Malpighian tubule	3R:+:44050099-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_87295	APPSYSDLGK	AGAP009833-PA	-	46	0.000453533	1	1034.518	2.63	Larva	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_87618	IGVALELEA	AGAP009833-PA	-	35	0.003656229	1	914.522	3.1	Pupa	3R:+:44050430-44050456	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_87917	APPSYSDLGK	AGAP009833-PA	-	63	1.10E-05	1	1034.516	0.39	Midgut	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA

JHU_Ag_88559	DGITLTLSTLVDGK	AGAP009833-PA	-	100	7.93E-10	1	1432.789	-0.56	Ovary	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_89384	GLKVSFDGMFVPHTGSK	AGAP009833-PA	M9(Oxidation)	75	4.66E-07	1	1806.923	1.01	Pupa	3R:+:44049495-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_90176	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	80	9.50E-08	1	1254.571	-5.51	Midgut	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_90523	EFGGLIYQR	AGAP009833-PA	-	52	7.82E-05	1	1082.563	0.36	Larva	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_91423	LETAVQLSWASGSNATK	AGAP009833-PA	-	129	1.91E-12	1	1762.901	2.11	Head	3R:+:44050111-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_91468	WNTDNTLTSEVSVENQLVK	AGAP009833-PA	-	163	8.46E-16	2	2177.077	2.09	Malpighian tubule	3R:+:44049438-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_91860	EYGLNFSEK	AGAP009833-PA	-	50	9.24E-05	1	1086.512	1.35	Midgut	3R:+:44049411-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_92574	ITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	134	5.48E-13	1	2666.299	0.99	Ovary	3R:+:44049912-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_93463	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	80	1.32E-07	1	1524.717	1.07	Ovary	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_93562	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	74	4.77E-07	1	1254.581	1.79	Malpighian tubule	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_93634	SKITANNFALGYSAGDFVLHTNVNDGR	AGAP009833-PA	-	99	1.61E-09	1	2881.424	0.55	Salivary gland	3R:+:44049906-44049973,44050059-44050071	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_94759	LRDGITLTLSTLVDGK	AGAP009833-PA	-	109	2.90E-11	2	1701.977	1.46	Malpighian tubule	3R:+:44050258-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_94871	DGITLTLSTLVDGK	AGAP009833-PA	-	102	5.30E-10	1	1432.792	2	Head	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_96922	VFGSLETK	AGAP009833-PA	-	63	6.30E-06	2	880.477	-0.87	Pupa	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_97491	TKTNSGVEFSTSGHSNQDTGK	AGAP009833-PA	N4(Deamidated)	170	1.17E-16	1	2182.008	3.3	Larva	3R:+:44049312-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_98194	VNNQSQIGLGYQQK	AGAP009833-PA	N2(Deamidated)	120	1.40E-11	1	1576.810	1.36	Malpighian tubule	3R:+:44050216-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_99771	LRDGITLTLSTLVDGK	AGAP009833-PA	-	106	6.35E-11	1	1701.976	0.96	Salivary gland	3R:+:44050258-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_100346	GYHFGLWK	AGAP009833-PA	-	42	0.001112948	1	1007.511	0.82	Head	3R:+:44049276-44049299	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_100369	DGITLTLSTLVDGKNFNAGGHK	AGAP009833-PA	-	112	7.35E-11	1	2258.183	2.59	Malpighian tubule	3R:+:44050264-44050267,44050368-44050429	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_100647	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	64	4.08E-06	1	1254.579	0.14	Salivary gland	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_101127	APPSYSDLGK	AGAP009833-PA	-	59	2.57E-05	1	1034.517	1.15	Malpighian tubule	3R:+:44049222-44049251	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_101630	DGITLTLSTLVDGK	AGAP009833-PA	-	95	2.46E-09	2	1432.796	4.47	Malpighian tubule	3R:+:44050264-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA

JHU_Ag_101762	DGITLTLSTLVDGKNFNAGGHK	AGAP009833-PA	-	80	1.09E-07	1	2258.191	5.76	Head	3R:+:44050264-44050267,44050368-44050429	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_102444	WNTDNTLTSEVSVENQLVK	AGAP009833-PA	N2(Deamidated), N5(Deamidated)	133	7.12E-13	2	2177.078	2.88	Visceras	3R:+:44049438-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_102550	TKTNSGVEFSTSGHSNQDTGK	AGAP009833-PA	N4(Deamidated)	164	4.92E-16	1	2182.003	0.9	Pupa	3R:+:44049312-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_102822	LRDGITLTLSTLVDGK	AGAP009833-PA	-	119	3.42E-12	2	1701.974	-0.12	Midgut	3R:+:44050258-44050267,44050368-44050405	exon=> In CDS Exon 3 and 4 of transcript AGAP009833-PA
JHU_Ag_102875	YDLDKDACVR	AGAP009833-PA	C8(Carbamidomethyl)	68	1.73E-06	1	1254.578	-0.25	Visceras	3R:+:44050180-44050209	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_104385	VKEYGLNFSEK	AGAP009833-PA	-	82	7.05E-08	1	1313.673	-0.38	Ovary	3R:+:44049405-44049437	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_104477	IGVALELEA	AGAP009833-PA	-	39	0.001169589	1	914.523	3.5	Head	3R:+:44050430-44050456	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_105572	EFGGLIYQR	AGAP009833-PA	-	74	4.28E-07	2	1082.560	-2.75	Midgut	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_105611	ITANNFALGYSAGDFVLHTNVNDGREFGGLIYQR	AGAP009833-PA	N5(Deamidated)	181	8.16E-18	1	3729.842	0.26	Pupa	3R:+:44049912-44049973,44050059-44050098	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_108930	AKVNNQSQIGLGYQQK	AGAP009833-PA	N4(Deamidated)	115	3.37E-11	1	1775.944	2.03	Salivary gland	3R:+:44050210-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_109057	AKVNNQSQIGLGYQQK	AGAP009833-PA	-	125	3.20E-12	1	1775.945	2.92	Malpighian tubule	3R:+:44050210-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_109109	EFGGLIYQR	AGAP009833-PA	-	58	1.97E-05	1	1082.563	0.18	Visceras	3R:+:44050072-44050098	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_109341	WNTDNTLTSEVSVENQLVK	AGAP009833-PA	-	103	8.23E-10	1	2177.076	1.64	Larva	3R:+:44049438-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_109914	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	110	1.40E-10	1	1524.717	1.39	Head	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_110064	VFGSLETK	AGAP009833-PA	-	58	1.86E-05	2	880.477	-0.8	Ovary	3R:+:44049375-44049398	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_113034	CNDRLETAVQLSWASGSNATK	AGAP009833-PA	C1(Carbamidomethyl)	106	3.75E-10	1	2308.097	-0.69	Pupa	3R:+:44050099-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_113157	ITANNFALGYSAGDFVLHTNVNDGREFGGLIYQR	AGAP009833-PA	-	187	1.56E-18	1	3729.865	6.33	Malpighian tubule	3R:+:44049912-44049973,44050059-44050098	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_113506	AKVNNQSQIGLGYQQK	AGAP009833-PA	-	119	1.42E-11	1	1775.938	-1	Head	3R:+:44050210-44050257	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_113664	IGVALELEA	AGAP009833-PA	-	38	0.001466108	1	914.520	1.03	Midgut	3R:+:44050430-44050456	exon=> In CDS Exon 4 of transcript AGAP009833-PA
JHU_Ag_114855	ITANNFALGYSAGDFVLHTNVNDGREFGGLIYQR	AGAP009833-PA	-	186	2.20E-18	1	3729.849	2.22	Head	3R:+:44049912-44049973,44050059-44050098	exon=> In CDS Exon 2 and 3 of transcript AGAP009833-PA
JHU_Ag_115087	VSFDGMFVPHTGSK	AGAP009833-PA	M6(Oxidation)	109	2.21E-10	1	1508.724	2.48	Malpighian tubule	3R:+:44049504-44049538,44049746-44049752	exon=> In CDS Exon 1 and 2 of transcript AGAP009833-PA
JHU_Ag_115832	LETAVQLSWASGSNATK	AGAP009833-PA	-	110	1.36E-10	1	1762.900	1.9	Pupa	3R:+:44050111-44050161	exon=> In CDS Exon 3 of transcript AGAP009833-PA
JHU_Ag_115844	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	-	136	2.22E-13	1	1952.867	4.6	Larva	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_116639	TNSGVEFSTSGHSNQDTGK	AGAP009833-PA	N2(Deamidated)	127	1.63E-12	1	1952.858	-0.27	Pupa	3R:+:44049318-44049374	exon=> In CDS Exon 1 of transcript AGAP009833-PA

JHU_Ag_116641	VFGSLETKYK	AGAP009833-PA	-	53	6.64E-05	2	1171.638	1.77	Malpighian tubule	3R:+:44049375-44049404	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_117691	WNTDNTLTSEVSVENQLVK	AGAP009833-PA	-	148	2.51E-14	2	2177.076	1.98	Pupa	3R:+:44049438-44049494	exon=> In CDS Exon 1 of transcript AGAP009833-PA
JHU_Ag_1665	LYLEDEDPVQAEAFINR	AGAP009834-PA	-	121	1.45E-11	1	2021.986	2.08	Ovary	3R:+:44052286-44052336	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_4514	RSELQEFEALLQMHQK	AGAP009834-PA	M13(Oxidation)	57	3.28E-05	1	2003.006	2.06	Ovary	3R:+:44052649-44052696	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_10570	AVFEHNLLSASK	AGAP009834-PA	-	61	1.34E-05	1	1315.703	1.73	Ovary	3R:+:44052733-44052768	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_14425	ALICTVLASAGQQR	AGAP009834-PA	C4(Carbamidomethyl)	81	1.05E-07	2	1487.802	1.58	Malpighian tubule	3R:+:44052511-44052552	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_14431	ASTLDGSSILDR	AGAP009834-PA	-	58	2.59E-05	2	1234.627	-0.65	Malpighian tubule	3R:+:44052697-44052732	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_20422	SVAHFTLDKVQPR	AGAP009834-PA	-	55	2.60E-05	1	1497.818	0.53	Malpighian tubule	3R:+:44051984-44052022	exon=> In CDS Exon 2 of transcript AGAP009834-PA
JHU_Ag_21096	SLLDQILLNTGNELVDTLK	AGAP009834-PA	-	128	8.62E-13	1	2099.163	1.6	Ovary	3R:+:44051749-44051805	exon=> In CDS Exon 1 of transcript AGAP009834-PA
JHU_Ag_39493	LYLEDEDPVQAEAFINR	AGAP009834-PA	-	116	4.84E-11	1	2021.985	1.54	Malpighian tubule	3R:+:44052286-44052336	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_43561	ALICTVLASAGQQR	AGAP009834-PA	C4(Carbamidomethyl)	90	1.32E-08	2	1487.802	1.58	Male reproductive organs	3R:+:44052511-44052552	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_54345	ALICTVLASAGQQR	AGAP009834-PA	C4(Carbamidomethyl)	103	7.00E-10	2	1487.806	4.29	Ovary	3R:+:44052511-44052552	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_65371	ASTLDGSSILDR	AGAP009834-PA	-	52	0.000109754	2	1234.627	-0.25	Male reproductive organs	3R:+:44052697-44052732	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_76679	QLLSDVSTHLTKLPDDISK	AGAP009834-PA	-	41	0.000420909	1	2110.148	4.41	Ovary	3R:+:44051927-44051983	exon=> In CDS Exon 2 of transcript AGAP009834-PA
JHU_Ag_79354	SLLDQILLNTGNELVDTLK	AGAP009834-PA	-	69	7.18E-07	1	2099.163	1.57	Malpighian tubule	3R:+:44051749-44051805	exon=> In CDS Exon 1 of transcript AGAP009834-PA
JHU_Ag_80923	ALICTVLASAGQQR	AGAP009834-PA	C4(Carbamidomethyl)	56	3.12E-05	2	1487.795	-3.34	Head	3R:+:44052511-44052552	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_85718	TQLVALTNSSGIHK	AGAP009834-PA	-	64	2.83E-06	1	1468.816	3.04	Ovary	3R:+:44051686-44051727	exon=> In CDS Exon 1 of transcript AGAP009834-PA
JHU_Ag_86154	QLLSDVSTHLTK	AGAP009834-PA	-	57	1.63E-05	1	1341.736	-1.2	Ovary	3R:+:44051927-44051962	exon=> In CDS Exon 2 of transcript AGAP009834-PA
JHU_Ag_88452	LYNNITFEELGALLEIPPPK	AGAP009834-PA	-	106	1.94E-10	1	2271.218	-3.95	Ovary	3R:+:44052769-44052828	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_89717	EAANVLGGIPLETGQKPYPLDYKLETYLK	AGAP009834-PA	-	53	2.29E-05	1	3220.715	0.42	Ovary	3R:+:44052101-44052147,44052237-44052276	exon=> In CDS Exon 2 and 3 of transcript AGAP009834-PA
JHU_Ag_104149	VISFEEQVACIR	AGAP009834-PA	C10(Carbamidomethyl)	89	1.99E-08	2	1450.741	3.49	Ovary	3R:+:44052023-44052058	exon=> In CDS Exon 2 of transcript AGAP009834-PA
JHU_Ag_106053	ASTLDGSSILDR	AGAP009834-PA	-	43	0.000929529	2	1234.628	0.84	Ovary	3R:+:44052697-44052732	exon=> In CDS Exon 3 of transcript AGAP009834-PA
JHU_Ag_109667	TQLVALTNSSGIHK	AGAP009834-PA	-	71	6.16E-07	1	1468.816	2.7	Head	3R:+:44051686-44051727	exon=> In CDS Exon 1 of transcript AGAP009834-PA
JHU_Ag_3832	YEITDKDCPELAASFPSR	AGAP009835-PA	C8(Carbamidomethyl)	39	0.001467722	1	2098.986	4.99	Malpighian tubule	3R:-:44068784-44068731	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_4207	LGQDLLTFASPQILK	AGAP009835-PA	-	79	4.53E-08	1	1643.935	-0.86	Malpighian tubule	3R:-:44068421-44068377	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_5515	IFFAWFDR	AGAP009835-PA	-	51	8.13E-05	2	1101.554	2.44	Salivary gland	3R:-:44068730-44068707	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_9218	SPIYSHFGETIQGVQTIR	AGAP009835-PA	-	48	0.000207337	1	2033.038	-3.36	Midgut	3R:-:44057932-44057879	exon=> In CDS Exon 17 of transcript AGAP009835-PA

JHU_Ag_9395	SSLTLALFR	AGAP009835-PA	-	46	0.000106771	2	1007.589	0.28	Head	3R:-:44057316-44057290	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_9818	TFGGTFLLGSFLK	AGAP009835-PA	-	74	4.22E-07	2	1387.757	-3.57	Midgut	3R:-:44068460-44068422	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_11324	LAWVGFR	AGAP009835-PA	-	38	0.001334266	2	848.479	1.64	Malpighian tubule	3R:-:44068706-44068686	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_12027	INLDPFNAQSDDDIWK	AGAP009835-PA	-	75	4.09E-07	2	1890.879	-3.96	Midgut	3R:-:44057160-44057113	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_12428	GLTAGINHEVTEGGENLSVGQR	AGAP009835-PA	-	67	3.69E-06	1	2238.112	0.62	Ovary	3R:-:44057076-44057797,44056835-44056937	exon=> In CDS Exon 19 and 18 of transcript AGAP009835-PA
JHU_Ag_16497	INTFLNQEELDPDNVQHDEK	AGAP009835-PA	-	61	1.13E-05	1	2398.130	6.11	Ovary	3R:-:44066275-44066216	exon=> In CDS Exon 7 of transcript AGAP009835-PA
JHU_Ag_18670	NIASILPALIK	AGAP009835-PA	-	32	0.000318686	2	1152.737	1.4	Head	3R:-:44068493-44068461	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_19036	AVYNDADVYFLDDPLSAVDSHVGK	AGAP009835-PA	-	125	4.58E-12	1	2610.240	1.42	Malpighian tubule	3R:-:44065725-44065654	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_20727	QEAAWELPNSTLPR	AGAP009835-PA	-	49	0.000210329	2	1611.820	4.57	Head	3R:-:44057502-44057461	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_22040	LGQDLLTFASPQILK	AGAP009835-PA	-	38	0.000345318	2	1643.947	6.05	Larva	3R:-:44068421-44068377	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_23767	KPLEVDDLWK	AGAP009835-PA	-	38	0.001796661	2	1242.674	0.76	Pupa	3R:-:44068685-44068656	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_24157	VLVTHGITYLPNTDK	AGAP009835-PA	-	84	2.70E-08	1	1670.912	0.18	Salivary gland	3R:-:44065599-44065555	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_24591	TFGGTFLLGSFLK	AGAP009835-PA	-	83	4.98E-08	1	1387.764	1.53	Malpighian tubule	3R:-:44068460-44068422	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_25405	EVSPAFLHHWNETLEK	AGAP009835-PA	-	45	0.000571213	1	1936.961	3.17	Midgut	3R:-:44068631-44068584	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_25484	VLVTHGITYLPNTDKIFVLR	AGAP009835-PA	-	143	3.92E-15	1	2299.330	5.6	Malpighian tubule	3R:-:44065599-44065540	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_25977	LMNEVLSGIK	AGAP009835-PA	M2(Oxidation)	72	7.80E-07	2	1103.616	2.87	Ovary	3R:-:44067911-44067882	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_26275	DVDVLDNTLPQVLR	AGAP009835-PA	-	47	0.000193858	2	1596.864	2.94	Ovary	3R:-:44063275-44063234	exon=> In CDS Exon 13 of transcript AGAP009835-PA
JHU_Ag_27724	TFGGTFLLGSFLK	AGAP009835-PA	-	91	9.16E-09	2	1387.761	-0.49	Ovary	3R:-:44068460-44068422	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_28410	HIFEQVIGPSGLLAK	AGAP009835-PA	-	49	4.16E-05	2	1608.913	1.48	Malpighian tubule	3R:-:44065653-44065609	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_28462	NQIVAVVGTVGSGK	AGAP009835-PA	-	65	2.59E-06	2	1328.756	2.05	Salivary gland	3R:-:44066055-44066014	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_30467	VLHAPLTSFFDITPVGR	AGAP009835-PA	-	60	5.19E-06	1	1870.024	0.79	Pupa	3R:-:44062236-44062186	exon=> In CDS Exon 14 of transcript AGAP009835-PA
JHU_Ag_31325	DIDTTDSDLPATLR	AGAP009835-PA	-	80	1.75E-07	2	1532.747	1.84	Head	3R:-:44062164-44062123	exon=> In CDS Exon 14 of transcript AGAP009835-PA
JHU_Ag_32665	SPIYSHFGETIQGVQTIR	AGAP009835-PA	-	94	5.59E-09	1	2033.059	6.83	Malpighian tubule	3R:-:44057932-44057879	exon=> In CDS Exon 17 of transcript AGAP009835-PA
JHU_Ag_32874	SSLLSAFLGEMDK	AGAP009835-PA	M11(Oxidation)	60	1.29E-05	2	1413.696	1.95	Ovary	3R:-:44066013-44065975	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_34203	IAYVSQQAWIQNATLK	AGAP009835-PA	-	73	3.80E-07	2	1833.988	1.1	Midgut	3R:-:44065944-44065897	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_35935	GQIVEFAPPAELLQSK	AGAP009835-PA	-	97	1.65E-09	1	1726.940	1.37	Malpighian tubule	3R:-:44056656-44056609	exon=> In CDS Exon 20 of transcript AGAP009835-PA
JHU_Ag_36041	GLTAGINHEVTEGGENLSVGQR	AGAP009835-PA	-	125	4.78E-12	1	2238.123	5.44	Malpighian tubule	3R:-:44057076-44057797,44056835-44056937	exon=> In CDS Exon 19 and 18 of transcript AGAP009835-PA

JHU_Ag_36636	IAYVSQQAWIQNATLK	AGAP009835-PA	-	61	6.28E-06	2	1833.988	1.37	Pupa	3R:-:44065944-44065897	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_37420	LAWVGFR	AGAP009835-PA	-	43	0.000430351	2	848.481	4.37	Salivary gland	3R:-:44068706-44068686	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_37508	GISFTVNGGEK	AGAP009835-PA	-	40	0.001690163	1	1108.564	0.47	Ovary	3R:-:44057382-44057350	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_38412	GLTAGINHEVTEGGENLSVGQR	AGAP009835-PA	-	83	9.02E-08	1	2238.110	-0.61	Midgut	3R:-:44057076-44057797,44056835-44056937	exon=> In CDS Exon 19 and 18 of transcript AGAP009835-PA
JHU_Ag_39473	SSLLSAFLGEMDK	AGAP009835-PA	M11(Oxidation)	69	1.64E-06	2	1413.693	-0.12	Midgut	3R:-:44066013-44065975	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_41402	KPLEVDDLWK	AGAP009835-PA	-	52	7.54E-05	1	1242.677	2.92	Malpighian tubule	3R:-:44068685-44068656	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_47322	NIASILPALIK	AGAP009835-PA	-	38	5.76E-05	2	1152.741	5	Larva	3R:-:44068493-44068461	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_48177	LYAWEPSFEQQILK	AGAP009835-PA	-	65	4.24E-06	2	1751.900	-0.37	Midgut	3R:-:44067805-44067764	exon=> In CDS Exon 4 of transcript AGAP009835-PA
JHU_Ag_48737	AVYNDADVYFLDDPLSAVDSHVGK	AGAP009835-PA	-	85	4.59E-08	1	2610.237	0.58	Midgut	3R:-:44065725-44065654	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_48967	IFFAWFDR	AGAP009835-PA	-	46	0.000287611	2	1101.552	0.67	Ovary	3R:-:44068730-44068707	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_54100	NIASILPALIK	AGAP009835-PA	-	40	5.24E-05	2	1152.737	1.71	Pupa	3R:-:44068493-44068461	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_55201	NIASILPALIK	AGAP009835-PA	-	44	2.24E-05	2	1152.738	2.46	Salivary gland	3R:-:44068493-44068461	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_55764	SSLLSAFLGEMDK	AGAP009835-PA	M11(Oxidation)	52	7.70E-05	2	1413.701	5.32	Larva	3R:-:44066013-44065975	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_57349	NQIVAVVGTVGSGK	AGAP009835-PA	-	41	0.000702086	2	1328.755	1.49	Pupa	3R:-:44066055-44066014	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_57738	LMNEVLSGIK	AGAP009835-PA	-	72	8.30E-07	2	1103.616	2.98	Malpighian tubule	3R:-:44067911-44067882	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_58394	INTFLNQEELDPDNVQHDEK	AGAP009835-PA	N14(Deamidated)	53	7.02E-05	2	2399.128	11.93	Malpighian tubule	3R:-:44066275-44066216	exon=> In CDS Exon 7 of transcript AGAP009835-PA
JHU_Ag_59162	GLTAGINHEVTEGGENLSVGQR	AGAP009835-PA	-	67	3.57E-06	1	2238.112	0.53	Salivary gland	3R:-:44057076-44057797,44056835-44056937	exon=> In CDS Exon 19 and 18 of transcript AGAP009835-PA
JHU_Ag_60048	NQIVAVVGTVGSGK	AGAP009835-PA	-	107	1.59E-10	2	1328.752	-0.62	Midgut	3R:-:44066055-44066014	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_61879	SPIYSHFGETIQGVQTIR	AGAP009835-PA	-	86	3.60E-08	1	2033.050	2.26	Head	3R:-:44057932-44057879	exon=> In CDS Exon 17 of transcript AGAP009835-PA
JHU_Ag_63165	GQIVEFAPPAELLQSK	AGAP009835-PA	-	77	1.59E-07	2	1726.942	2.57	Head	3R:-:44056656-44056609	exon=> In CDS Exon 20 of transcript AGAP009835-PA
JHU_Ag_67174	QEAAWELPNSTLPR	AGAP009835-PA	-	45	0.000565153	1	1611.813	0.48	Midgut	3R:-:44057502-44057461	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_68094	NQIVAVVGTVGSGK	AGAP009835-PA	-	92	5.20E-09	2	1328.754	0.48	Ovary	3R:-:44066055-44066014	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_68598	LGQDLLTFASPQILK	AGAP009835-PA	-	59	4.47E-06	2	1643.933	-2.49	Head	3R:-:44068421-44068377	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_68726	LYAWEPSFEQQILK	AGAP009835-PA	-	54	5.42E-05	2	1751.904	2.2	Ovary	3R:-:44067805-44067764	exon=> In CDS Exon 4 of transcript AGAP009835-PA
JHU_Ag_69041	SSLTLALFR	AGAP009835-PA	-	61	3.89E-06	2	1007.587	-1.42	Ovary	3R:-:44057316-44057290	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_71128	ETSNDVTFKK	AGAP009835-PA	-	61	1.04E-05	1	1168.586	1.28	Malpighian tubule	3R:-:44068568-44068539	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_71901	LGQDLLTFASPQILK	AGAP009835-PA	-	77	7.71E-08	2	1643.935	-0.86	Midgut	3R:-:44068421-44068377	exon=> In CDS Exon 3 of transcript AGAP009835-PA

JHU_Ag_72575	SPIYSHFGETIQGVQTIR	AGAP009835-PA	-	51	9.98E-05	2	2033.045	0.16	Ovary	3R:-:44057932-44057879	exon=> In CDS Exon 17 of transcript AGAP009835-PA
JHU_Ag_73317	IFFAWFDR	AGAP009835-PA	-	59	1.49E-05	2	1101.554	1.77	Malpighian tubule	3R:-:44068730-44068707	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_74153	YREGLELVLR	AGAP009835-PA	-	35	0.001710756	1	1247.717	5.02	Malpighian tubule	3R:-:44057412-44057383	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_82438	GQIVEFAPPAELLQSK	AGAP009835-PA	-	37	0.001982174	2	1726.939	0.73	Midgut	3R:-:44056656-44056609	exon=> In CDS Exon 20 of transcript AGAP009835-PA
JHU_Ag_82928	HIFEQVIGPSGLLAK	AGAP009835-PA	-	48	4.55E-05	2	1608.920	5.57	Ovary	3R:-:44065653-44065609	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_83201	AVYNDADVYFLDDPLSAVDSHVGK	AGAP009835-PA	-	34	0.005854301	3	2610.245	3.46	Larva	3R:-:44065725-44065654	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_85329	IIESAGGSIVIDGQDISQLGLHALR	AGAP009835-PA	-	85	1.31E-08	3	2562.402	5.14	Malpighian tubule	3R:-:44057289-44057215	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_87641	NIASILPALIK	AGAP009835-PA	-	52	2.02E-06	1	1152.739	2.99	Malpighian tubule	3R:-:44068493-44068461	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_87782	VLHAPLTSFFDITPVGR	AGAP009835-PA	-	37	0.001082942	1	1870.033	5.49	Malpighian tubule	3R:-:44062236-44062186	exon=> In CDS Exon 14 of transcript AGAP009835-PA
JHU_Ag_88256	NQIVAVVGTVGSGK	AGAP009835-PA	-	74	3.29E-07	2	1328.756	1.77	Malpighian tubule	3R:-:44066055-44066014	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_89283	SSLTLALFR	AGAP009835-PA	-	38	0.000588931	1	1007.590	1.13	Malpighian tubule	3R:-:44057316-44057290	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_90539	ALIISNSAR	AGAP009835-PA	-	36	0.003503797	2	944.553	0.27	Malpighian tubule	3R:-:44068202-44068176	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_91214	IIESAGGSIVIDGQDISQLGLHALR	AGAP009835-PA	-	65	1.44E-06	1	2562.395	2.28	Midgut	3R:-:44057289-44057215	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_91747	AVYNDADVYFLDDPLSAVDSHVGK	AGAP009835-PA	-	93	8.04E-09	1	2610.244	3.11	Pupa	3R:-:44065725-44065654	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_91767	LYAWEPSFEQQILK	AGAP009835-PA	-	85	5.24E-08	1	1751.903	1.65	Malpighian tubule	3R:-:44067805-44067764	exon=> In CDS Exon 4 of transcript AGAP009835-PA
JHU_Ag_91970	TFGGTFLLGSFLK	AGAP009835-PA	-	42	0.00072498	2	1387.759	-2.16	Visceras	3R:-:44068460-44068422	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_93739	GLTAGINHEVTEGGENLSVGQR	AGAP009835-PA	-	39	0.0020513	3	2238.116	2.09	Pupa	3R:-:44057076-44057797,44056835-44056937	exon=> In CDS Exon 19 and 18 of transcript AGAP009835-PA
JHU_Ag_94765	LMNEVLSGIK	AGAP009835-PA	M2(Oxidation)	45	0.000381577	2	1119.608	0.28	Salivary gland	3R:-:44067911-44067882	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_95235	HIFEQVIGPSGLLAK	AGAP009835-PA	-	53	1.57E-05	1	1608.919	5.12	Head	3R:-:44065653-44065609	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_95541	INLDPFNAQSDDDIWK	AGAP009835-PA	-	105	4.22E-10	1	1890.891	1.98	Malpighian tubule	3R:-:44057160-44057113	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_96320	INLDPFNAQSDDDIWK	AGAP009835-PA	-	51	0.00011372	1	1890.882	-2.66	Pupa	3R:-:44057160-44057113	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_96936	NIASILPALIK	AGAP009835-PA	-	32	0.000340693	2	1152.735	0.13	Midgut	3R:-:44068493-44068461	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_100335	VLVTHGITYLPNTDKIFVLR	AGAP009835-PA	-	35	0.000328995	1	2299.320	1.3	Ovary	3R:-:44065599-44065540	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_102027	SSLTLALFR	AGAP009835-PA	-	50	4.87E-05	2	1007.589	0.28	Pupa	3R:-:44057316-44057290	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_103603	AVYNDADVYFLDDPLSAVDSHVGK	AGAP009835-PA	-	125	4.74E-12	1	2610.240	1.42	Ovary	3R:-:44065725-44065654	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_104911	NIASILPALIK	AGAP009835-PA	-	49	5.38E-06	2	1152.740	4.47	Ovary	3R:-:44068493-44068461	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_105178	INTFLNQEELDPDNVQHDEK	AGAP009835-PA	-	60	1.35E-05	1	2398.119	1.45	Head	3R:-:44066275-44066216	exon=> In CDS Exon 7 of transcript AGAP009835-PA

JHU_Ag_105369	AVYNDADVYFLDDPLSAVDSHVGK	AGAP009835-PA	-	65	4.74E-06	1	2610.222	-5.17	Salivary gland	3R:-:44065725-44065654	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_106880	KPLEVDDLWK	AGAP009835-PA	-	48	0.000160481	2	1242.673	-0.22	Ovary	3R:-:44068685-44068656	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_107424	EVSPAFLHHWNETLEK	AGAP009835-PA	-	61	1.39E-05	1	1936.957	1.09	Ovary	3R:-:44068631-44068584	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_108715	LAWVGFR	AGAP009835-PA	-	42	0.000621418	2	848.476	-1.67	Visceras	3R:-:44068706-44068686	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_108790	IFFAWFDR	AGAP009835-PA	-	51	8.40E-05	2	1101.555	2.66	Larva	3R:-:44068730-44068707	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_109330	AVYNDADVYFLDDPLSAVDSHVGK	AGAP009835-PA	-	87	2.86E-08	1	2610.238	0.93	Head	3R:-:44065725-44065654	exon=> In CDS Exon 8 of transcript AGAP009835-PA
JHU_Ag_112102	INLDPFNAQSDDDIWKALEHAHLK	AGAP009835-PA	-	43	0.0006915	1	2790.398	4.71	Malpighian tubule	3R:-:44057160-44057089	exon=> In CDS Exon 18 of transcript AGAP009835-PA
JHU_Ag_114364	VLHAPLTSFFDITPVGR	AGAP009835-PA	-	32	0.003969679	1	1870.022	-0.38	Head	3R:-:44062236-44062186	exon=> In CDS Exon 14 of transcript AGAP009835-PA
JHU_Ag_115230	TALISAIYR	AGAP009835-PA	-	40	0.00039	2	1007.591	2.23	Malpighian tubule	3R:-:44068232-44068206	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_115929	KPLEVDDLWK	AGAP009835-PA	-	46	0.000270041	2	1242.675	1.94	Salivary gland	3R:-:44068685-44068656	exon=> In CDS Exon 3 of transcript AGAP009835-PA
JHU_Ag_34026	LTIIPQDPVLFSGTLR	AGAP009835-PA,AGAP008437-PA	-	59	4.08E-06	1	1770.015	-0.71	Head	3R:-:44057208-44057161;3R:+:10744087-10744134	exon=> In CDS Exon 18 of transcript AGAP009835-PA;exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_38193	LTIIPQDPVLFSGTLR	AGAP009835-PA,AGAP008437-PA	-	38	0.000492622	1	1770.019	1.49	Pupa	3R:-:44057208-44057161;3R:+:10744087-10744134	exon=> In CDS Exon 18 of transcript AGAP009835-PA;exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_38405	LTIIPQDPVLFSGTLR	AGAP009835-PA,AGAP008437-PA	-	42	0.000195815	2	1770.029	7.22	Malpighian tubule	3R:-:44057208-44057161;3R:+:10744087-10744134	exon=> In CDS Exon 18 of transcript AGAP009835-PA;exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_41493	LTIIPQDPVLFSGTLR	AGAP009835-PA,AGAP008437-PA	-	48	5.29E-05	1	1770.020	2.11	Salivary gland	3R:-:44057208-44057161;3R:+:10744087-10744134	exon=> In CDS Exon 18 of transcript AGAP009835-PA;exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_80126	LTIIPQDPVLFSGTLR	AGAP009835-PA,AGAP008437-PA	-	72	2.40E-07	1	1770.017	0.25	Midgut	3R:-:44057208-44057161;3R:+:10744087-10744134	exon=> In CDS Exon 18 of transcript AGAP009835-PA;exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_81174	SRLTIIPQDPVLFSGTLR	AGAP009835-PA,AGAP008437-PA	-	71	1.23E-07	1	2013.157	3.72	Malpighian tubule	3R:-:44057214-44057161;3R:+:10744081-10744134	exon=> In CDS Exon 18 of transcript AGAP009835-PA;exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_105452	LTIIPQDPVLFSGTLR	AGAP009835-PA,AGAP008437-PA	-	37	0.00070681	1	1770.017	0.67	Male reproductive organs	3R:-:44057208-44057161;3R:+:10744087-10744134	exon=> In CDS Exon 18 of transcript AGAP009835-PA;exon=> In CDS Exon 10 of transcript AGAP008437-PA
JHU_Ag_20370	KPLIEEIGADAGTVK	AGAP009837-PA	-	53	3.15E-05	1	1540.859	0.32	Ovary	3R:+:44076337-44076381	exon=> In CDS Exon 1 of transcript AGAP009837-PA
JHU_Ag_8827	LFLCANR	AGAP009839-PA	C4(Carbamidomethyl)	46	0.000323276	2	893.468	1.85	Malpighian tubule	3R:+:44087403-44087423	exon=> In CDS Exon 4 of transcript AGAP009839-PA
JHU_Ag_10978	NLSALTNLRK	AGAP009839-PA	-	37	0.001338922	2	1129.670	1.01	Head	3R:+:44087373-44087402	exon=> In CDS Exon 4 of transcript AGAP009839-PA
JHU_Ag_44910	NPVASDVNYR	AGAP009839-PA	-	50	0.000167283	2	1134.553	-0.73	Pupa	3R:+:44088036-44088065	exon=> In CDS Exon 6 of transcript AGAP009839-PA
JHU_Ag_46512	KIENLDNLSSLTHLYLGK	AGAP009839-PA	-	141	4.92E-14	1	2058.121	-1.17	Midgut	3R:+:44087571-44087624	exon=> In CDS Exon 5 of transcript AGAP009839-PA
JHU_Ag_58106	LATVYLER	AGAP009839-PA	-	48	9.13E-05	2	964.547	0.9	Ovary	3R:+:44088012-44088035	exon=> In CDS Exon 6 of transcript AGAP009839-PA
JHU_Ag_65363	IENLEPLTK	AGAP009839-PA	-	51	6.00E-05	2	1056.594	0.65	Ovary	3R:+:44087023-44087049	exon=> In CDS Exon 2 of transcript AGAP009839-PA

JHU_Ag_73422	KIENLDNLSSLTHLYLGK	AGAP009839-PA	-	109	6.49E-11	1	2058.134	5.14	Ovary	3R:+:44087571-44087624	exon=> In CDS Exon 5 of transcript AGAP009839-PA
JHU_Ag_75613	IENLDNLSSLTHLYLGK	AGAP009839-PA	-	70	9.02E-07	1	1930.032	2.2	Head	3R:+:44087574-44087624	exon=> In CDS Exon 5 of transcript AGAP009839-PA
JHU_Ag_84441	IENLDNLSSLTHLYLGK	AGAP009839-PA	-	94	3.52E-09	1	1930.030	1.15	Ovary	3R:+:44087574-44087624	exon=> In CDS Exon 5 of transcript AGAP009839-PA
JHU_Ag_104660	KIENLDNLSSLTHLYLGK	AGAP009839-PA	-	73	3.04E-07	3	2058.124	0.52	Head	3R:+:44087571-44087624	exon=> In CDS Exon 5 of transcript AGAP009839-PA
JHU_Ag_107324	NPVASDVNYR	AGAP009839-PA	-	58	3.15E-05	1	1134.553	-0.83	Ovary	3R:+:44088036-44088065	exon=> In CDS Exon 6 of transcript AGAP009839-PA
JHU_Ag_11862	ALVCPSNPQQVISSCQK	AGAP009840-PA	C4(Carbamidomethyl), C15(Carbamidomethyl)	54	6.40E-05	1	1915.949	6.65	Salivary gland	3R:-:44090264-44090214	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_20501	ALEAVISK	AGAP009840-PA	-	45	0.000461162	2	830.498	-0.69	Salivary gland	3R:-:44089274-44089251	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_28381	SGLQTVLGSQQPNQAPSGAETVELLVER	AGAP009840-PA	-	44	0.000385852	1	2908.503	0.78	Salivary gland	3R:-:44091225-44091240,44088915-44091042	exon=> In CDS Exon 2 and 1 of transcript AGAP009840-PA
JHU_Ag_29223	QPLSLR	AGAP009840-PA	Q1(Deamidated)	31	0.003529732	1	714.415	0.33	Visceras	3R:-:44090000-44089983	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_33584	ANESGTELDKLR	AGAP009840-PA	-	50	0.000209134	2	1332.678	1.57	Salivary gland	3R:-:44088773-44088738	exon=> In CDS Exon 3 of transcript AGAP009840-PA
JHU_Ag_39163	EFLCQLLVK	AGAP009840-PA	C4(Carbamidomethyl)	55	2.85E-05	2	1149.634	0.55	Salivary gland	3R:-:44089445-44089419	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_47422	LQALQQQLAHQEAK	AGAP009840-PA	-	79	8.90E-08	2	1605.873	1.43	Salivary gland	3R:-:44089136-44089095	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_49935	TLLQSSEQTQSITSGQLLCR	AGAP009840-PA	C19(Carbamidomethyl)	112	1.06E-10	2	2250.144	1.82	Salivary gland	3R:-:44089913-44089854	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_51968	DQEDLLELLTDQESK	AGAP009840-PA	-	44	0.000730271	2	1775.861	3.33	Salivary gland	3R:-:44088734-44088690	exon=> In CDS Exon 3 of transcript AGAP009840-PA
JHU_Ag_63065	ALVCPSNPQQVISSCQK	AGAP009840-PA	C4(Carbamidomethyl), C15(Carbamidomethyl)	76	3.76E-07	1	1915.942	2.77	Malpighian tubule	3R:-:44090264-44090214	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_65165	QPLSLR	AGAP009840-PA	Q1(Deamidated)	27	0.009262788	1	714.414	-0.69	Head	3R:-:44090000-44089983	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_85413	VTSSTLLEDR	AGAP009840-PA	-	68	2.58E-06	2	1120.584	-0.41	Salivary gland	3R:-:44091041-44091012	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_91720	IVAFENAFDR	AGAP009840-PA	-	59	2.03E-05	2	1181.596	0.73	Salivary gland	3R:-:44090528-44090499	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_95153	LLTNLLANRPK	AGAP009840-PA	-	41	6.56E-05	1	1252.773	-0.12	Salivary gland	3R:-:44090702-44090670	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_95862	LAPMLELSTDQDQAGMSPQK	AGAP009840-PA	M4(Oxidation), M16(Oxidation)	69	1.83E-06	1	2192.020	-0.69	Salivary gland	3R:-:44090360-44090301	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_101272	NNPSNQQFFK	AGAP009840-PA	-	59	1.86E-05	1	1223.584	3.07	Salivary gland	3R:-:44090411-44090382	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_105403	EIQEIVLVSPMGVSK	AGAP009840-PA	-	47	0.000115228	1	1628.901	4.8	Malpighian tubule	3R:-:44090669-44090625	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_115851	DQEDLLELLTDQESK	AGAP009840-PA	-	123	7.93E-12	2	1775.859	2.37	Head	3R:-:44088734-44088690	exon=> In CDS Exon 3 of transcript AGAP009840-PA
JHU_Ag_117235	AQLQAAADLR	AGAP009840-PA	-	63	3.47E-06	1	1056.579	-0.63	Salivary gland	3R:-:44089016-44088987	exon=> In CDS Exon 2 of transcript AGAP009840-PA
JHU_Ag_5351	LGLVPNAVLIVTK	AGAP009841-PA	-	72	9.55E-09	2	1336.858	1.41	Ovary	3R:+:44092983-44093021	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_34689	SQEEVEFHAAK	AGAP009841-PA	-	66	3.43E-06	2	1274.604	1.94	Head	3R:+:44092217-44092249	exon=> In CDS Exon 2 of transcript AGAP009841-PA
JHU_Ag_35242	AQLALLEEK	AGAP009841-PA	-	63	6.59E-06	1	1014.583	-0.29	Ovary	3R:+:44092316-44092342	exon=> In CDS Exon 2 of transcript AGAP009841-PA

JHU_Ag_40579	LGLVPNAVLIVTK	AGAP009841-PA	-	44	6.24E-06	2	1336.862	3.96	Salivary gland	3R:+:44092983-44093021	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_46360	SQEEVEFHAAK	AGAP009841-PA	-	60	1.44E-05	1	1274.605	2.99	Ovary	3R:+:44092217-44092249	exon=> In CDS Exon 2 of transcript AGAP009841-PA
JHU_Ag_52691	AQLALLEEK	AGAP009841-PA	-	77	2.49E-07	1	1014.584	1.04	Malpighian tubule	3R:+:44092316-44092342	exon=> In CDS Exon 2 of transcript AGAP009841-PA
JHU_Ag_58057	KPLTEEEKK	AGAP009841-PA	-	40	0.001386334	2	1101.615	-0.03	Male reproductive organs	3R:+:44092289-44092315	exon=> In CDS Exon 2 of transcript AGAP009841-PA
JHU_Ag_58615	LGLVPNAVLIVTK	AGAP009841-PA	-	35	4.82E-05	2	1336.860	3.05	Male reproductive organs	3R:+:44092983-44093021	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_60848	KVFTAEEYEMPLDK	AGAP009841-PA	M10(Oxidation)	75	4.52E-07	1	1715.819	-0.4	Ovary	3R:+:44092941-44092982	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_62129	LGLVPNAVLIVTK	AGAP009841-PA	-	35	4.55E-05	2	1336.858	1.13	Head	3R:+:44092983-44093021	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_68325	LGLVPNAVLIVTK	AGAP009841-PA	-	42	1.02E-05	2	1336.855	-0.78	Midgut	3R:+:44092983-44093021	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_77926	LGLVPNAVLIVTK	AGAP009841-PA	-	80	1.59E-09	1	1336.857	0.31	Malpighian tubule	3R:+:44092983-44093021	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_83799	SDIQMLIDMGFPK	AGAP009841-PA	N-Term(Acetyl), M5(Oxidation), M9(Oxidation)	47	0.000286864	1	1568.738	2.71	Malpighian tubule	3R:+:44091819-44091857	exon=> In CDS Exon 1 of transcript AGAP009841-PA
JHU_Ag_92128	VFTAEEYEMPLDK	AGAP009841-PA	M9(Oxidation)	62	6.37E-06	2	1587.727	1.69	Head	3R:+:44092944-44092982	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_97939	LGLVPNAVLIVTK	AGAP009841-PA	-	16	0.003837868	1	1336.858	1.13	Head	3R:+:44092983-44093021	exon=> In CDS Exon 3 of transcript AGAP009841-PA
JHU_Ag_103954	SDIQMLIDMGFPK	AGAP009841-PA	N-Term(Acetyl), M5(Oxidation), M9(Oxidation)	40	0.001321111	2	1568.736	1.39	Ovary	3R:+:44091819-44091857	exon=> In CDS Exon 1 of transcript AGAP009841-PA
JHU_Ag_80254	LFVQLK	AGAP009841-PA,AGAP013268-PA	-	27	0.003352214	2	747.477	1.46	Ovary	3R:+:44092875-44092892;2R:-:7023109-7023092	exon=> In CDS Exon 3 of transcript AGAP009841-PA;exon=> In CDS Exon 2 of transcript AGAP013268-PA
JHU_Ag_13395	EHICGLPTPATVWTIHGIWPTK	AGAP009842-PA	C4(Carbamidomethyl)	47	0.000194905	1	2514.307	4.12	Malpighian tubule	3R:-:44094090-44094025	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_29454	SAIFDVSQLSPIEPQLEAHWVNVEK	AGAP009842-PA	-	64	4.22E-06	1	2836.457	1.78	Visceras	3R:-:44093991-44093917	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_39345	SAIFDVSQLSPIEPQLEAHWVNVEK	AGAP009842-PA	-	58	1.58E-05	1	2836.457	1.91	Midgut	3R:-:44093991-44093917	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_40166	WPITACYEWR	AGAP009842-PA	C6(Carbamidomethyl)	40	0.001464456	2	1381.641	3.6	Midgut	3R:-:44094132-44094103	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_47368	NKPDDSLWEHEWLK	AGAP009842-PA	-	40	0.001540744	1	1796.864	2.02	Pupa	3R:-:44093916-44093875	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_62117	NVAIECFFDR	AGAP009842-PA	C6(Carbamidomethyl)	55	3.09E-05	1	1270.586	-1.73	Midgut	3R:-:44093688-44093659	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_68404	HGTCAAEAIEQLNTEAK	AGAP009842-PA	C4(Carbamidomethyl)	147	3.25E-14	1	1842.873	4.45	Malpighian tubule	3R:-:44093874-44093824	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_68692	NVAIECFFDR	AGAP009842-PA	C6(Carbamidomethyl)	43	0.000512109	2	1270.591	1.64	Male reproductive organs	3R:-:44093688-44093659	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_70564	HGTCAAEAIEQLNTEAK	AGAP009842-PA	C4(Carbamidomethyl)	122	1.02E-11	1	1842.865	-0.32	Head	3R:-:44093874-44093824	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_73482	THQQFLNEVR	AGAP009842-PA	-	39	0.00196488	1	1271.647	-2.06	Head	3R:-:44093655-44093626	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_82496	SAIFDVSQLSPIEPQLEAHWVNVEK	AGAP009842-PA	-	110	1.01E-10	1	2836.461	3.33	Larva	3R:-:44093991-44093917	exon=> In CDS Exon 2 of transcript AGAP009842-PA
JHU_Ag_108533	NVAIECFFDRK	AGAP009842-PA	C6(Carbamidomethyl)	36	0.003611406	1	1398.688	3.41	Midgut	3R:-:44093688-44093656	exon=> In CDS Exon 2 of transcript AGAP009842-PA

JHU_Ag_46590	FFDNPFSVK	AGAP009843-PA	-	39	0.001183358	2	1100.544	2.9	Male reproductive organs	3R:-:44099200-44099174	exon=> In CDS Exon 2 of transcript AGAP009843-PA
JHU_Ag_63981	KEQDHAK	AGAP009847-PA	Q3(Deamidated)	46	0.000177036	1	856.428	13.88	Salivary gland	3R:-:44117898-44117878	exon=> In CDS Exon 8 of transcript AGAP009847-PA
JHU_Ag_913	EILETLGLEEHRPTLTR	AGAP009850-PA	-	73	3.74E-07	1	2007.086	-0.4	Male reproductive organs	3R:-:44327613-44327563	exon=> In CDS Exon 4 of transcript AGAP009850-PA
JHU_Ag_2361	IAVEPDREPEVNSALLPVEGATDIDHSPER	AGAP009850-PA	-	141	9.00E-14	1	3255.612	-0.21	Head	3R:-:44326956-44326867	exon=> In CDS Exon 4 of transcript AGAP009850-PA
JHU_Ag_39049	EILETLGLEEHRPTLTR	AGAP009850-PA	-	84	2.70E-08	1	2007.085	-0.95	Head	3R:-:44327613-44327563	exon=> In CDS Exon 4 of transcript AGAP009850-PA
JHU_Ag_41772	STLLNILSGYK	AGAP009850-PA	-	63	2.00E-06	2	1208.693	3.61	Malpighian tubule	3R:-:44327987-44328073,44327691-44327880	exon=> In CDS Exon 3 and 2 of transcript AGAP009850-PA
JHU_Ag_64040	STLLNILSGYK	AGAP009850-PA	-	66	1.16E-06	2	1208.691	1.8	Pupa	3R:-:44327987-44328073,44327691-44327880	exon=> In CDS Exon 3 and 2 of transcript AGAP009850-PA
JHU_Ag_101152	STLLNILSGYK	AGAP009850-PA	-	60	5.21E-06	2	1208.689	-0.02	Male reproductive organs	3R:-:44327987-44328073,44327691-44327880	exon=> In CDS Exon 3 and 2 of transcript AGAP009850-PA
JHU_Ag_104995	STLLNILSGYK	AGAP009850-PA	-	52	2.08E-05	1	1208.694	4.72	Head	3R:-:44327987-44328073,44327691-44327880	exon=> In CDS Exon 3 and 2 of transcript AGAP009850-PA
JHU_Ag_110063	KNENAANGNANLK	AGAP009850-PA	N2(Deamidated), N4(Deamidated), N9(Deamidated), N11(Deamidated)	36	0.002473554	2	1361.620	1.77	Midgut	3R:-:44327118-44327080	exon=> In CDS Exon 4 of transcript AGAP009850-PA
JHU_Ag_4780	HAQAFLEIEPNNQQVIALEELIK	AGAP009852-PA	-	125	1.83E-12	1	2647.418	3.2	Ovary	3R:-:44348100-44348032	exon=> In CDS Exon 3 of transcript AGAP009852-PA
JHU_Ag_14533	HAQAFLEIEPNNQQVIALEELIK	AGAP009852-PA	-	77	1.34E-07	1	2647.421	4.58	Malpighian tubule	3R:-:44348100-44348032	exon=> In CDS Exon 3 of transcript AGAP009852-PA
JHU_Ag_15608	HAQAFLEIEPNNQQVIALEELIK	AGAP009852-PA	-	123	3.28E-12	1	2647.415	2.23	Head	3R:-:44348100-44348032	exon=> In CDS Exon 3 of transcript AGAP009852-PA
JHU_Ag_69348	ATGAALVVGGILGLGLALLKK	AGAP009852-PA	-	79	1.25E-09	1	1935.235	-0.89	Midgut	3R:-:44347992-44347930	exon=> In CDS Exon 3 of transcript AGAP009852-PA
JHU_Ag_88039	RDYLYYMAIGHTR	AGAP009852-PA	M7(Oxidation)	32	0.009610068	1	1674.803	-1.37	Midgut	3R:-:44348166-44348128	exon=> In CDS Exon 3 of transcript AGAP009852-PA
JHU_Ag_88641	RDYLYYMAIGHTR	AGAP009852-PA	M7(Oxidation)	59	1.65E-05	1	1674.800	-3.22	Head	3R:-:44348166-44348128	exon=> In CDS Exon 3 of transcript AGAP009852-PA
JHU_Ag_93588	HAQAFLEIEPNNQQVIALEELIK	AGAP009852-PA	-	56	1.29E-05	3	2647.425	6.03	Midgut	3R:-:44348100-44348032	exon=> In CDS Exon 3 of transcript AGAP009852-PA
JHU_Ag_548	SWQDYVDNQLLASQCVSK	AGAP009861-PA	N-Term(Acetyl), C15(Carbamidomethyl)	132	7.78E-13	1	2183.005	-1.15	Ovary	3R:-:44555603-44555550	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_6626	AAIAGHDGGVWAK	AGAP009861-PA	-	76	3.79E-07	1	1252.642	-1.37	Head	3R:-:44555549-44555511	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_6739	SEGFEVSK	AGAP009861-PA	-	51	7.42E-05	2	882.420	-0.47	Ovary	3R:-:44555510-44555606,44536797-44536960	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_8350	AAIAGHDGGVWAK	AGAP009861-PA	-	83	6.61E-08	1	1252.641	-1.57	Ovary	3R:-:44555549-44555511	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_8598	TQQAVIVSIYEEPVQPQQAASIVEK	AGAP009861-PA	-	81	5.19E-08	3	2755.455	1.36	Head	3R:-:44536806-44536968,44535146-44535179	exon=> In CDS Exon 3 and 2 of transcript AGAP009861-PA
JHU_Ag_9878	SWQDYVDNQLLASQCVSK	AGAP009861-PA	N-Term(Acetyl), C15(Carbamidomethyl)	120	1.23E-11	1	2183.010	1.09	Visceras	3R:-:44555603-44555550	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_12317	AAIAGHDGGVWAK	AGAP009861-PA	-	73	6.79E-07	1	1252.645	1.35	Visceras	3R:-:44555549-44555511	exon=> In CDS Exon 1 of transcript AGAP009861-PA

JHU_Ag_16686	YIYLSGTDR	AGAP009861-PA	-	39	0.00139121	1	1087.546	3.93	Larva	3R:-:44536878-44536852	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_17386	LGDYLITCGY	AGAP009861-PA	C8(Carbamidomethyl)	52	5.43E-05	1	1174.545	-0.2	Midgut	3R:-:44535178-44535149	exon=> In CDS Exon 3 of transcript AGAP009861-PA
JHU_Ag_25188	TQQAVIVSIYEEPVQPQQAASIVEK	AGAP009861-PA	-	162	3.67E-16	1	2755.456	1.83	Ovary	3R:-:44536806-44536968,44535146-44535179	exon=> In CDS Exon 3 and 2 of transcript AGAP009861-PA
JHU_Ag_25986	SEGFEVSK	AGAP009861-PA	-	42	0.00060346	2	882.420	-0.33	Head	3R:-:44555510-44555606,44536797-44536960	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_26984	TQQAVIVSIYEEPVQPQQAASIVEK	AGAP009861-PA	-	108	1.09E-10	1	2755.449	-0.9	Salivary gland	3R:-:44536806-44536968,44535146-44535179	exon=> In CDS Exon 3 and 2 of transcript AGAP009861-PA
JHU_Ag_27482	IVQGFDKTELLTSGGVTLAGQR	AGAP009861-PA	-	121	4.02E-12	2	2290.239	-0.63	Midgut	3R:-:44536944-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_28724	TELLTSGGVTLAGQR	AGAP009861-PA	-	46	0.000269356	1	1502.817	-0.04	Pupa	3R:-:44536923-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_31426	SWQDYVDNQLLASQCVSK	AGAP009861-PA	N-Term(Acetyl), C15(Carbamidomethyl)	64	5.00E-06	1	2183.007	-0.37	Salivary gland	3R:-:44555603-44555550	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_31564	LGDYLITCGY	AGAP009861-PA	C8(Carbamidomethyl)	37	0.001882451	1	1174.547	1.46	Visceras	3R:-:44535178-44535149	exon=> In CDS Exon 3 of transcript AGAP009861-PA
JHU_Ag_31902	YIYLSGTDR	AGAP009861-PA	-	40	0.001249919	2	1087.542	-0.29	Midgut	3R:-:44536878-44536852	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_35234	TQQAVIVSIYEEPVQPQQAASIVEK	AGAP009861-PA	-	56	1.33E-05	2	2755.462	3.76	Visceras	3R:-:44536806-44536968,44535146-44535179	exon=> In CDS Exon 3 and 2 of transcript AGAP009861-PA
JHU_Ag_35666	TELLTSGGVTLAGQR	AGAP009861-PA	-	106	2.72E-10	2	1502.816	-1.1	Midgut	3R:-:44536923-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_36023	SEGFEVSKEEVAK	AGAP009861-PA	-	85	5.27E-08	1	1438.708	1.11	Ovary	3R:-:44555510-44555606,44536797-44536945	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_36125	IVQGFDKTELLTSGGVTLAGQR	AGAP009861-PA	-	107	1.09E-10	1	2290.240	-0.13	Head	3R:-:44536944-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_44871	SWQDYVDNQLLASQCVSK	AGAP009861-PA	N-Term(Acetyl), C15(Carbamidomethyl)	118	1.64E-11	2	2183.010	0.98	Head	3R:-:44555603-44555550	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_46568	TELLTSGGVTLAGQR	AGAP009861-PA	-	114	4.61E-11	2	1502.819	0.93	Head	3R:-:44536923-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_46572	TQQAVIVSIYEEPVQPQQAASIVEK	AGAP009861-PA	-	77	1.27E-07	3	2755.452	0.36	Midgut	3R:-:44536806-44536968,44535146-44535179	exon=> In CDS Exon 3 and 2 of transcript AGAP009861-PA
JHU_Ag_47995	IVQGFDKTELLTSGGVTLAGQR	AGAP009861-PA	-	104	2.08E-10	1	2290.238	-1.01	Salivary gland	3R:-:44536944-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_50013	IVQGFDKTELLTSGGVTLAGQR	AGAP009861-PA	-	92	2.82E-09	2	2290.247	2.78	Malpighian tubule	3R:-:44536944-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_52421	IVQGFDKTELLTSGGVTLAGQR	AGAP009861-PA	-	78	7.75E-08	1	2290.237	-1.56	Ovary	3R:-:44536944-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_53285	SEGFEVSKEEVAK	AGAP009861-PA	-	88	2.40E-08	1	1438.709	2.04	Malpighian tubule	3R:-:44555510-44555606,44536797-44536945	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_55061	AAIAGHDGGVWAK	AGAP009861-PA	-	83	6.76E-08	1	1252.644	0.18	Midgut	3R:-:44555549-44555511	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_55431	YIYLSGTDR	AGAP009861-PA	-	61	1.01E-05	1	1087.542	0.38	Salivary gland	3R:-:44536878-44536852	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_55587	YIYLSGTDR	AGAP009861-PA	-	46	0.000241204	2	1087.544	1.5	Visceras	3R:-:44536878-44536852	exon=> In CDS Exon 2 of transcript AGAP009861-PA

JHU_Ag_58005	YIYLSGTDRVIR	AGAP009861-PA	-	44	0.000387372	1	1455.798	1.74	Malpighian tubule	3R:-:44536878-44536843	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_62653	TQQAVIVSIYEEPVQPQQAASIVEK	AGAP009861-PA	-	54	2.20E-05	3	2755.464	4.48	Malpighian tubule	3R:-:44536806-44536968,44535146-44535179	exon=> In CDS Exon 3 and 2 of transcript AGAP009861-PA
JHU_Ag_67788	SEGFEVSKEEVAK	AGAP009861-PA	-	69	1.65E-06	2	1438.702	-2.54	Midgut	3R:-:44555510-44555606,44536797-44536945	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_69970	LGDYLITCGY	AGAP009861-PA	C8(Carbamidomethyl)	45	0.000258141	1	1174.545	-0.2	Malpighian tubule	3R:-:44535178-44535149	exon=> In CDS Exon 3 of transcript AGAP009861-PA
JHU_Ag_72412	SWQDYVDNQLLASQCVSK	AGAP009861-PA	N-Term(Acetyl), C15(Carbamidomethyl)	96	2.97E-09	1	2183.007	-0.03	Midgut	3R:-:44555603-44555550	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_74454	YIYLSGTDR	AGAP009861-PA	-	67	2.31E-06	1	1087.544	2.18	Malpighian tubule	3R:-:44536878-44536852	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_81975	SEGFEVSKEEVAK	AGAP009861-PA	-	85	5.30E-08	1	1438.708	1.45	Visceras	3R:-:44555510-44555606,44536797-44536945	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_85556	SEGFEVSKEEVAK	AGAP009861-PA	-	72	8.92E-07	1	1438.706	-0.25	Salivary gland	3R:-:44555510-44555606,44536797-44536945	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_94322	AAIAGHDGGVWAK	AGAP009861-PA	-	88	2.04E-08	1	1252.645	1.65	Malpighian tubule	3R:-:44555549-44555511	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_94887	TELLTSGGVTLAGQR	AGAP009861-PA	-	108	1.86E-10	1	1502.817	-0.04	Ovary	3R:-:44536923-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_95351	LGDYLITCGY	AGAP009861-PA	C8(Carbamidomethyl)	56	2.39E-05	1	1174.546	1.15	Head	3R:-:44535178-44535149	exon=> In CDS Exon 3 of transcript AGAP009861-PA
JHU_Ag_98398	TELLTSGGVTLAGQR	AGAP009861-PA	-	108	1.62E-10	1	1502.819	1.26	Malpighian tubule	3R:-:44536923-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_104325	TELLTSGGVTLAGQR	AGAP009861-PA	-	42	0.000698864	2	1502.820	1.83	Visceras	3R:-:44536923-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_104508	AAIAGHDGGVWAK	AGAP009861-PA	-	66	3.72E-06	1	1252.644	0.28	Pupa	3R:-:44555549-44555511	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_106862	YIYLSGTDR	AGAP009861-PA	-	42	0.000805449	2	1087.541	-0.74	Head	3R:-:44536878-44536852	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_107050	SWQDYVDNQLLASQCVSK	AGAP009861-PA	N-Term(Acetyl), C15(Carbamidomethyl)	118	2.00E-11	1	2183.017	4.56	Malpighian tubule	3R:-:44555603-44555550	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_107778	IVQGFDK	AGAP009861-PA	-	37	0.002315206	1	806.440	-0.51	Head	3R:-:44536944-44536924	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_110357	IVQGFDKTELLTSGGVTLAGQR	AGAP009861-PA	-	138	8.90E-14	2	2290.241	0.44	Visceras	3R:-:44536944-44536879	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_111764	SEGFEVSKEEVAK	AGAP009861-PA	-	73	8.56E-07	1	1438.706	-0.33	Pupa	3R:-:44555510-44555606,44536797-44536945	exon=> In CDS Exon 2 and 1 of transcript AGAP009861-PA
JHU_Ag_113182	YIYLSGTDR	AGAP009861-PA	-	57	2.37E-05	1	1087.543	0.6	Ovary	3R:-:44536878-44536852	exon=> In CDS Exon 2 of transcript AGAP009861-PA
JHU_Ag_116385	AAIAGHDGGVWAK	AGAP009861-PA	-	76	3.28E-07	1	1252.648	3.69	Larva	3R:-:44555549-44555511	exon=> In CDS Exon 1 of transcript AGAP009861-PA
JHU_Ag_309	VDQLTEQMTEK	AGAP009863-PA	M8(Oxidation)	73	6.75E-07	1	1337.627	0.84	Ovary	3R:-:44559317-44559285	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_1117	ELASQIQK	AGAP009863-PA	-	36	0.004873706	1	916.509	-0.72	Pupa	3R:-:44559836-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_2942	GVAINFVTEQDKR	AGAP009863-PA	-	53	6.16E-05	2	1476.782	1.06	Head	3R:-:44558961-44558923	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_3064	DQIQDVFQK	AGAP009863-PA	-	65	6.54E-06	1	1120.562	-0.94	Malpighian tubule	3R:-:44559590-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA

JHU_Ag_3495	GSDVIAQAQSGTGK	AGAP009863-PA	-	107	3.51E-10	1	1318.657	-2.01	Salivary gland	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA
JHU_Ag_4632	KEELTLEGIR	AGAP009863-PA	-	58	1.98E-05	1	1187.666	2.71	Malpighian tubule	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_5398	KEELTLEGIR	AGAP009863-PA	-	62	7.91E-06	2	1187.663	-0.17	Head	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_6440	RLEQGCHIVVGTPGR	AGAP009863-PA	C6(Carbamidomethyl)	79	1.54E-07	1	1678.886	3.13	Ovary	3R:-:44559731-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_6546	RLEQGCHIVVGTPGR	AGAP009863-PA	C6(Carbamidomethyl)	83	5.94E-08	1	1678.883	1.16	Malpighian tubule	3R:-:44559731-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_6802	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	76	2.88E-07	2	1697.892	1.46	Head	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_6863	VVISLGDFLK	AGAP009863-PA	-	71	2.34E-07	1	1090.652	0.96	Head	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_7610	ELASQIQK	AGAP009863-PA	-	63	8.02E-06	2	916.510	-0.05	Salivary gland	3R:-:44559836-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_8200	LPADVQVILLSATMPADVLEVSQHFMR	AGAP009863-PA	M14(Oxidation), M26(Oxidation)	112	4.83E-11	1	3012.547	-2.05	Malpighian tubule	3R:-:44559563-44559483	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_8666	TFTVSAMHGDMEQR	AGAP009863-PA	M7(Oxidation), M11(Oxidation)	66	1.35E-06	1	1641.700	0.21	Head	3R:-:44559284-44559243	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_10179	GVAINFVTEQDKR	AGAP009863-PA	-	77	3.00E-07	1	1476.780	-0.43	Male reproductive organs	3R:-:44558961-44558923	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_10304	DRDLIMK	AGAP009863-PA	M6(Oxidation)	36	0.003672218	1	906.478	7.73	Ovary	3R:-:44559242-44559222	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_10973	GIDVQQVSLVINYDLPTLR	AGAP009863-PA	-	140	4.57E-14	1	2143.179	1.48	Ovary	3R:-:44559167-44559111	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_12855	KEELTLEGIR	AGAP009863-PA	-	62	7.52E-06	2	1187.663	-0.38	Male reproductive organs	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_13273	VLITTDLLAR	AGAP009863-PA	-	75	7.46E-08	1	1114.681	-2.03	Head	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_14344	GVAINFVTEQDK	AGAP009863-PA	-	36	0.004448041	2	1320.673	-4.88	Malpighian tubule	3R:-:44558961-44558926	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_15080	DQIQDVFQK	AGAP009863-PA	-	60	2.05E-05	1	1120.564	0.36	Ovary	3R:-:44559590-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_15131	KEELTLEGIR	AGAP009863-PA	-	63	6.82E-06	2	1187.667	3.02	Larva	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_16382	GFKDQIQDVFQK	AGAP009863-PA	-	97	2.81E-09	1	1452.748	-0.17	Head	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_16972	TATFSIAILQQIK	AGAP009863-PA	-	91	1.58E-09	2	1433.837	0.8	Head	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_17050	GSDVIAQAQSGTGK	AGAP009863-PA	-	114	6.33E-11	1	1318.665	3.6	Ovary	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA
JHU_Ag_17843	KVDQLTEQMTEK	AGAP009863-PA	M9(Oxidation)	65	4.34E-06	2	1465.726	4.18	Larva	3R:-:44559320-44559285	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_20683	TFTVSAMHGDMEQR	AGAP009863-PA	M7(Oxidation), M11(Oxidation)	66	1.32E-06	1	1641.697	-1.5	Male reproductive organs	3R:-:44559284-44559243	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_21097	LEQGCHIVVGTPGR	AGAP009863-PA	C5(Carbamidomethyl)	87	2.92E-08	1	1522.781	1.07	Malpighian tubule	3R:-:44559728-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_21402	GIDVQQVSLVINYDLPTLR	AGAP009863-PA	-	55	1.16E-05	2	2143.186	4.78	Midgut	3R:-:44559167-44559111	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_23280	VVISLGDFLK	AGAP009863-PA	-	88	5.49E-09	1	1090.652	0.96	Ovary	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_23840	VDQLTEQMTEK	AGAP009863-PA	M8(Oxidation)	55	4.01E-05	2	1337.625	-0.53	Salivary gland	3R:-:44559317-44559285	exon=> In CDS Exon 2 of transcript AGAP009863-PA

JHU_Ag_24100	GVAINFVTEQDKR	AGAP009863-PA	-	73	6.75E-07	1	1476.779	-1.17	Midgut	3R:-:44558961-44558923	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_24122	QFYVDVKYEDWK	AGAP009863-PA	-	49	0.000187432	2	1619.779	3.02	Ovary	3R:-:44559428-44559393	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_25044	VVISLGDFLK	AGAP009863-PA	-	41	0.000124486	1	1090.654	2.98	Visceras	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_25503	LEQGCHIVVGTPGR	AGAP009863-PA	C5(Carbamidomethyl)	82	1.00E-07	1	1522.780	0.59	Head	3R:-:44559728-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_25560	HYNTTIEEMPANLADMI	AGAP009863-PA	-	99	1.45E-09	1	1962.899	2.52	Salivary gland	3R:-:44558901-44558851	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_26727	LPADVQVILLSATMPADVLEVSQHFMR	AGAP009863-PA	M14(Oxidation), M26(Oxidation)	170	7.69E-17	1	3012.560	2.2	Salivary gland	3R:-:44559563-44559483	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_26753	GVAINFVTEQDKR	AGAP009863-PA	-	74	5.23E-07	1	1476.781	0.23	Salivary gland	3R:-:44558961-44558923	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_27191	DLIMKQFR	AGAP009863-PA	M4(Oxidation)	44	0.000394094	2	1066.575	3.11	Malpighian tubule	3R:-:44559236-44559213	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_27512	AQCHACIGGTNVRDDMR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl), M16(Oxidation)	53	3.02E-05	1	1976.851	1.51	Ovary	3R:-:44559782-44559732	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_27843	NVLQPK	AGAP009863-PA	-	41	0.000323933	1	698.420	-0.04	Malpighian tubule	3R:-:44559665-44559648	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_28480	IGTLCDLYDTLSITQAVIFCNTR	AGAP009863-PA	C5(Carbamidomethyl), C20(Carbamidomethyl)	73	8.11E-07	1	2674.319	-1.08	Malpighian tubule	3R:-:44559392-44559324	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_30183	VLITTDLLAR	AGAP009863-PA	-	80	2.22E-08	2	1114.683	-0.05	Male reproductive organs	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_30222	LPADVQVILLSATMPADVLEVSQHFMR	AGAP009863-PA	M14(Oxidation), M26(Oxidation)	167	1.65E-16	1	3012.555	0.56	Ovary	3R:-:44559563-44559483	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_30310	TATFSIAILQQIK	AGAP009863-PA	-	56	5.18E-06	2	1433.839	1.99	Larva	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_30377	VVISLGDFLK	AGAP009863-PA	-	73	1.80E-07	1	1090.650	-0.38	Male reproductive organs	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_30575	DRDLIMK	AGAP009863-PA	M6(Oxidation)	41	0.001241229	1	906.475	4.03	Midgut	3R:-:44559242-44559222	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_30591	GSDVIAQAQSGTGK	AGAP009863-PA	-	54	6.99E-05	2	1318.665	3.82	Larva	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA
JHU_Ag_30698	RLEQGCHIVVGTPGR	AGAP009863-PA	C6(Carbamidomethyl)	52	8.36E-05	1	1678.877	-2.3	Salivary gland	3R:-:44559731-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_31125	KVDQLTEQMTEK	AGAP009863-PA	M9(Oxidation)	87	2.88E-08	1	1465.720	-0.4	Malpighian tubule	3R:-:44559320-44559285	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_31205	KEELTLEGIR	AGAP009863-PA	-	44	0.000541016	2	1187.663	-0.27	Midgut	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_31488	KEELTLEGIR	AGAP009863-PA	-	62	7.35E-06	2	1187.663	0.04	Pupa	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_34812	AQCHACIGGTNVRDDMR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	51	5.25E-05	1	1960.853	-0.47	Malpighian tubule	3R:-:44559782-44559732	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_34896	MFVLDEADEMLSR	AGAP009863-PA	M10(Oxidation),M1(Oxidation),"M1(Oxidation), M10(Oxidation)"	130	1.29E-12	1	1555.719	3.45	Malpighian tubule	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_36127	MFVLDEADEMLSR	AGAP009863-PA	-	79	1.55E-07	2	1555.719	3.6	Visceras	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_36394	HYNTTIEEMPANLADMI	AGAP009863-PA	M9(Oxidation), M16(Oxidation)	103	5.53E-10	1	1994.883	-0.07	Ovary	3R:-:44558901-44558851	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_36411	ELASQIQK	AGAP009863-PA	-	49	0.000238669	2	916.510	0.08	Ovary	3R:-:44559836-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA

JHU_Ag_36624	GIDVQQVSLVINYDLPTLR	AGAP009863-PA	-	122	3.26E-12	1	2143.174	-0.68	Malpighian tubule	3R:-:44559167-44559111	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_37341	KVDQLTEQMTEK	AGAP009863-PA	M9(Oxidation)	64	5.52E-06	1	1465.720	-0.06	Male reproductive organs	3R:-:44559320-44559285	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_38938	LPADVQVILLSATMPADVLEVSQHFMR	AGAP009863-PA	M14(Oxidation), M26(Oxidation)	107	1.74E-10	1	3012.542	-3.69	Midgut	3R:-:44559563-44559483	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_39458	VLITTDLLAR	AGAP009863-PA	-	78	2.99E-08	1	1114.683	-0.05	Salivary gland	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_39811	HYNTTIEEMPANLADMI	AGAP009863-PA	M9(Oxidation), M16(Oxidation)	64	4.20E-06	1	1994.885	0.85	Male reproductive organs	3R:-:44558901-44558851	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_40015	AQCHACIGGTNVR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	43	0.00056739	1	1443.664	4.46	Pupa	3R:-:44559782-44559744	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_40027	ELASQIQKVVISLGDFLK	AGAP009863-PA	-	62	1.17E-06	1	1988.141	-0.68	Ovary	3R:-:44559836-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_40621	EELTLEGIR	AGAP009863-PA	-	53	9.07E-05	2	1059.567	-0.77	Ovary	3R:-:44559455-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_40861	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	74	3.71E-07	1	1697.891	1.1	Salivary gland	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_42447	TFTVSAMHGDMEQR	AGAP009863-PA	-	72	5.86E-07	1	1609.715	3	Malpighian tubule	3R:-:44559284-44559243	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_43423	VLITTDLLAR	AGAP009863-PA	-	73	1.10E-07	2	1114.683	-0.16	Visceras	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_44385	GIDVQQVSLVINYDLPTLR	AGAP009863-PA	-	99	6.19E-10	2	2143.182	2.73	Head	3R:-:44559167-44559111	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_45819	KEELTLEGIR	AGAP009863-PA	-	65	3.78E-06	1	1187.665	1.98	Ovary	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_46598	TATFSIAILQQIK	AGAP009863-PA	-	86	4.04E-09	2	1433.842	3.7	Malpighian tubule	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_48760	MFVLDEADEMLSR	AGAP009863-PA	M1(Oxidation), M10(Oxidation)	91	7.78E-09	1	1587.703	0.1	Male reproductive organs	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_48814	GSDVIAQAQSGTGK	AGAP009863-PA	-	115	5.29E-11	1	1318.657	-1.92	Pupa	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA
JHU_Ag_49402	VVISLGDFLK	AGAP009863-PA	-	83	7.31E-09	1	1090.653	2.53	Malpighian tubule	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_50316	TFTVSAMHGDMEQR	AGAP009863-PA	M7(Oxidation), M11(Oxidation)	68	7.64E-07	1	1641.700	0.2	Ovary	3R:-:44559284-44559243	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_50413	DQIQDVFQK	AGAP009863-PA	-	58	2.78E-05	2	1120.562	-0.84	Salivary gland	3R:-:44559590-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_50628	TATFSIAILQQIK	AGAP009863-PA	-	81	1.78E-08	1	1433.836	-0.48	Salivary gland	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_51277	NVLQPK	AGAP009863-PA	-	36	0.001114914	1	698.421	1.62	Salivary gland	3R:-:44559665-44559648	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_51995	VDQLTEQMTEK	AGAP009863-PA	M8(Oxidation)	86	3.58E-08	1	1337.625	-0.25	Head	3R:-:44559317-44559285	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_52146	TATFSIAILQQIK	AGAP009863-PA	-	87	4.44E-09	1	1433.835	-0.99	Ovary	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_53584	LEQGCHIVVGTPGRVHDMISR	AGAP009863-PA	C5(Carbamidomethyl),"C5(Carbamidomethyl), M18(Oxidation)"	96	3.41E-09	1	2377.189	0.86	Malpighian tubule	3R:-:44559728-44559666	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_54148	AQCHACIGGTNVR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	74	4.96E-07	1	1443.658	0.06	Malpighian tubule	3R:-:44559782-44559744	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_54461	MFVLDEADEMLSR	AGAP009863-PA	M1(Oxidation),"M1(Oxidation), M10(Oxidation)"	98	2.26E-09	1	1555.716	1.72	Salivary gland	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA

JHU_Ag_56189	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	60	9.55E-06	1	1697.891	0.82	Pupa	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_56936	IGTLCDLYDTLSITQAVIFCNTR	AGAP009863-PA	C5(Carbamidomethyl), C20(Carbamidomethyl)	105	5.02E-10	1	2674.327	1.93	Ovary	3R:-:44559392-44559324	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_57203	AQCHACIGGTNVR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	50	0.000105365	1	1443.659	0.4	Male reproductive organs	3R:-:44559782-44559744	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_58780	NIKMFVLDEADEMLSR	AGAP009863-PA	M4(Oxidation)	70	1.63E-06	1	1926.937	3.84	Malpighian tubule	3R:-:44559647-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_60782	RLEQGCHIVVGTPGR	AGAP009863-PA	C6(Carbamidomethyl)	72	6.54E-07	2	1678.884	1.96	Head	3R:-:44559731-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_61230	LEQGCHIVVGTPGR	AGAP009863-PA	C5(Carbamidomethyl)	87	2.94E-08	1	1522.780	0.27	Male reproductive organs	3R:-:44559728-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_62348	VVISLGDFLK	AGAP009863-PA	-	81	2.62E-08	1	1090.652	1.3	Pupa	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_62449	VHDMISR	AGAP009863-PA	M4(Oxidation)	35	0.002587897	1	873.425	0.67	Ovary	3R:-:44559686-44559666	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_62743	TEIPDCQALILAPTRELASQIQK	AGAP009863-PA	C6(Carbamidomethyl)	49	7.78E-05	1	2595.391	3.96	Malpighian tubule	3R:-:44559881-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_62794	GVAINFVTEQDKR	AGAP009863-PA	-	59	1.92E-05	2	1476.780	-0.43	Visceras	3R:-:44558961-44558923	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_63279	MFVLDEADEMLSR	AGAP009863-PA	M1(Oxidation), M10(Oxidation)	66	3.61E-06	2	1555.718	3.29	Pupa	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_63709	GFKDQIQDVFQK	AGAP009863-PA	-	101	1.05E-09	1	1452.748	-0.42	Midgut	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_63829	EELTLEGIR	AGAP009863-PA	-	67	3.36E-06	2	1059.568	-0.31	Salivary gland	3R:-:44559455-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_64328	GFKDQIQDVFQK	AGAP009863-PA	-	98	2.31E-09	1	1452.749	0.33	Male reproductive organs	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_64808	TFTVSAMHGDMEQR	AGAP009863-PA	M7(Oxidation), M11(Oxidation)	57	1.33E-05	1	1641.707	4.45	Larva	3R:-:44559284-44559243	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_65068	RVLADIEK	AGAP009863-PA	-	38	0.002130953	1	943.555	-2.38	Head	3R:-:44558925-44558902	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_65385	KEELTLEGIR	AGAP009863-PA	-	62	8.41E-06	2	1187.665	1.47	Salivary gland	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_67109	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	72	6.07E-07	2	1697.890	0.53	Male reproductive organs	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_70248	VLITTDLLAR	AGAP009863-PA	-	85	6.51E-09	1	1114.683	-0.05	Malpighian tubule	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_72639	LEQGCHIVVGTPGR	AGAP009863-PA	C5(Carbamidomethyl)	88	2.06E-08	1	1522.781	0.83	Salivary gland	3R:-:44559728-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_72742	ELASQIQK	AGAP009863-PA	-	53	7.98E-05	2	916.510	-0.19	Malpighian tubule	3R:-:44559836-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_73394	AQCHACIGGTNVR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	63	5.97E-06	2	1443.657	-0.7	Head	3R:-:44559782-44559744	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_76156	KVDQLTEQMTEK	AGAP009863-PA	M9(Oxidation)	67	3.80E-06	2	1449.729	2.32	Ovary	3R:-:44559320-44559285	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_76252	TFTVSAMHGDMEQRDR	AGAP009863-PA	M7(Oxidation), M11(Oxidation)	42	0.000410062	1	1912.835	3.55	Ovary	3R:-:44559284-44559237	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_76830	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	74	3.87E-07	1	1697.893	2.54	Malpighian tubule	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_76934	MFVLDEADEMLSR	AGAP009863-PA	M10(Oxidation),"M1(Oxidation), M10(Oxidation)"	117	1.98E-11	1	1587.702	-0.37	Ovary	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_77035	GSDVIAQAQSGTGK	AGAP009863-PA	-	117	3.13E-11	1	1318.660	0.31	Male reproductive organs	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA

JHU_Ag_77575	DQIQDVFQK	AGAP009863-PA	-	64	8.21E-06	1	1120.563	-0.12	Head	3R:-:44559590-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_78652	VHDMISR	AGAP009863-PA	-	39	0.000975341	1	857.429	-0.91	Malpighian tubule	3R:-:44559686-44559666	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_78996	DRDLIMK	AGAP009863-PA	M6(Oxidation)	36	0.003707732	1	906.478	7.8	Pupa	3R:-:44559242-44559222	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_79627	VVISLGDFLK	AGAP009863-PA	-	63	8.73E-07	1	1090.655	3.65	Larva	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_79878	GFKDQIQDVFQK	AGAP009863-PA	-	96	3.64E-09	1	1452.752	2.69	Malpighian tubule	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_81188	GIDVQQVSLVINYDLPTLRENYIHR	AGAP009863-PA	-	160	5.27E-16	1	2955.578	3.07	Malpighian tubule	3R:-:44559167-44559931,44558848-44558992	exon=> In CDS Exon 3 and 2 of transcript AGAP009863-PA
JHU_Ag_81222	GFKDQIQDVFQK	AGAP009863-PA	-	96	3.47E-09	1	1452.750	0.92	Salivary gland	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_81820	DRDLIMK	AGAP009863-PA	M6(Oxidation)	42	0.000980421	1	906.476	4.89	Malpighian tubule	3R:-:44559242-44559222	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_82997	QFYVDVK	AGAP009863-PA	-	31	0.007096454	1	898.468	1.63	Head	3R:-:44559428-44559408	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_84014	MFVLDEADEMLSR	AGAP009863-PA	M1(Oxidation), M10(Oxidation)	71	8.57E-07	2	1587.710	4.17	Larva	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_84023	EELTLEGIR	AGAP009863-PA	-	51	0.000131231	2	1059.569	0.62	Malpighian tubule	3R:-:44559455-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_85051	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	93	5.73E-09	1	1697.889	0.17	Ovary	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_85433	GFKDQIQDVFQK	AGAP009863-PA	-	104	5.41E-10	1	1452.754	4.11	Ovary	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_86216	AQCHACIGGTNVR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	41	0.000851565	1	1443.657	-0.56	Salivary gland	3R:-:44559782-44559744	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_87478	TATFSIAILQQIK	AGAP009863-PA	-	79	2.07E-08	2	1433.837	0.29	Male reproductive organs	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_87925	LEQGCHIVVGTPGR	AGAP009863-PA	C5(Carbamidomethyl)	98	2.38E-09	2	1522.783	1.95	Ovary	3R:-:44559728-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_88568	KGVAINFVTEQDK	AGAP009863-PA	-	51	7.64E-05	2	1448.776	1.28	Head	3R:-:44558964-44558926	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_88618	KGVAINFVTEQDK	AGAP009863-PA	-	76	2.53E-07	2	1448.777	1.87	Ovary	3R:-:44558964-44558926	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_89739	VLITTDLLAR	AGAP009863-PA	-	79	2.51E-08	1	1114.687	3.34	Ovary	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_90411	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	76	2.82E-07	2	1697.891	0.82	Visceras	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_91428	DRDLIMK	AGAP009863-PA	M6(Oxidation)	41	0.001267968	1	906.479	8.74	Salivary gland	3R:-:44559242-44559222	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_97349	VLITTDLLAR	AGAP009863-PA	-	69	2.70E-07	2	1114.683	0.06	Midgut	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_97501	GVAINFVTEQDKR	AGAP009863-PA	-	72	7.79E-07	1	1476.783	1.97	Malpighian tubule	3R:-:44558961-44558923	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_97741	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	62	6.57E-06	1	1697.892	1.68	Larva	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_98943	TATFSIAILQQIK	AGAP009863-PA	-	82	8.55E-09	2	1433.837	0.29	Midgut	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_100207	GSDVIAQAQSGTGK	AGAP009863-PA	-	96	4.01E-09	1	1318.659	-0.62	Midgut	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA
JHU_Ag_101444	LPADVQVILLSATMPADVLEVSQHFMR	AGAP009863-PA	M14(Oxidation), M26(Oxidation)	114	2.87E-11	1	3012.569	5.06	Larva	3R:-:44559563-44559483	exon=> In CDS Exon 2 of transcript AGAP009863-PA

JHU_Ag_103058	TFTVSAMHGDMEQR	AGAP009863-PA	-	75	2.71E-07	1	1609.711	0.42	Salivary gland	3R:-:44559284-44559243	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_104408	DRDLIMK	AGAP009863-PA	M6(Oxidation)	41	0.001343298	1	906.477	6.32	Head	3R:-:44559242-44559222	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_105967	TEIPDCQALILAPTR	AGAP009863-PA	C6(Carbamidomethyl)	70	1.35E-06	2	1697.888	-0.98	Midgut	3R:-:44559881-44559837	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_106032	VLITTDLLAR	AGAP009863-PA	-	75	6.66E-08	1	1114.683	-0.27	Pupa	3R:-:44559197-44559168	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_106491	GFKDQIQDVFQK	AGAP009863-PA	-	104	5.47E-10	1	1452.751	1.68	Pupa	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_106515	ELASQIQK	AGAP009863-PA	-	48	0.000308884	1	916.510	0.36	Male reproductive organs	3R:-:44559836-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_106883	TATFSIAILQQIK	AGAP009863-PA	-	61	1.51E-06	1	1433.838	1.31	Visceras	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_107337	VLADIEKHYNTTIEEMPANLADMI	AGAP009863-PA	M23(Oxidation),M16(Oxidation),"M16(Oxidation), M23(Oxidation)"	98	1.95E-09	1	2763.326	1.72	Ovary	3R:-:44558922-44558851	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_107589	GFKDQIQDVFQK	AGAP009863-PA	-	97	2.60E-09	1	1452.748	0.16	Visceras	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_107753	TEIPDCQALILAPTRELASQIQK	AGAP009863-PA	C6(Carbamidomethyl)	44	0.000204554	1	2595.399	6.71	Ovary	3R:-:44559881-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_107822	VVISLGDFLK	AGAP009863-PA	-	41	0.000268831	1	1090.649	-1.5	Midgut	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_109295	VVISLGDFLK	AGAP009863-PA	-	83	7.21E-09	1	1090.654	2.75	Salivary gland	3R:-:44559812-44559783	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_109376	MFVLDEADEMLSR	AGAP009863-PA	M1(Oxidation),M10(Oxidation)	90	9.89E-09	1	1587.704	0.48	Midgut	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_109680	GFKDQIQDVFQK	AGAP009863-PA	-	46	0.000368312	1	1452.754	3.78	Larva	3R:-:44559599-44559564	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_111238	GVAINFVTEQDKR	AGAP009863-PA	-	95	4.48E-09	1	1476.785	2.79	Ovary	3R:-:44558961-44558923	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_112413	LEQGCHIVVGTPGR	AGAP009863-PA	C5(Carbamidomethyl)	82	9.52E-08	1	1522.779	-0.45	Visceras	3R:-:44559728-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_112615	GSDVIAQAQSGTGK	AGAP009863-PA	Q9(Deamidated)	116	4.17E-11	1	1318.660	-0.07	Head	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA
JHU_Ag_112949	VLADIEKHYNTTIEEMPANLADMI	AGAP009863-PA	M23(Oxidation),M16(Oxidation),"M16(Oxidation), M23(Oxidation)"	96	3.67E-09	1	2747.344	6.37	Malpighian tubule	3R:-:44558922-44558851	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_113012	GIDVQQVSLVINYDLPTLR	AGAP009863-PA	-	102	2.97E-10	1	2143.182	2.73	Salivary gland	3R:-:44559167-44559111	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_113436	ELASQIQK	AGAP009863-PA	-	48	0.000305217	2	916.512	2.54	Larva	3R:-:44559836-44559813	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_113596	VHDMISR	AGAP009863-PA	M4(Oxidation)	35	0.001994443	1	873.421	-4.22	Head	3R:-:44559686-44559666	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_113815	HYNTTIEEMPANLADMI	AGAP009863-PA	M16(Oxidation),"M9(Oxidation),M16(Oxidation)",M9(Oxidation)	81	8.27E-08	1	1994.887	1.58	Head	3R:-:44558901-44558851	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_113917	MFVLDEADEMLSR	AGAP009863-PA	M10(Oxidation),M1(Oxidation),"M1(Oxidation), M10(Oxidation)"	87	2.13E-08	2	1571.711	1.52	Head	3R:-:44559638-44559600	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_114831	GVAINFVTEQDK	AGAP009863-PA	-	98	2.80E-09	1	1320.682	1.96	Head	3R:-:44558961-44558926	exon=> In CDS Exon 3 of transcript AGAP009863-PA
JHU_Ag_114942	KEELTLEGIR	AGAP009863-PA	-	63	6.97E-06	2	1187.662	-0.79	Visceras	3R:-:44559458-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA

JHU_Ag_115208	EELTLEGIR	AGAP009863-PA	-	71	1.40E-06	2	1059.568	-0.08	Male reproductive organs	3R:-:44559455-44559429	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_116390	AQCHACIGGTNVR	AGAP009863-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	83	6.33E-08	1	1443.659	0.9	Ovary	3R:-:44559782-44559744	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_116714	GSDVIAQAQSGTGK	AGAP009863-PA	-	121	1.39E-11	1	1318.662	1.69	Malpighian tubule	3R:-:44561074-44561275,44559094-44559921	exon=> In CDS Exon 2 and 1 of transcript AGAP009863-PA
JHU_Ag_116726	TATFSIAILQQIK	AGAP009863-PA	-	60	1.44E-06	2	1433.841	3.27	Pupa	3R:-:44559920-44559882	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_116750	RLEQGCHIVVGTPGR	AGAP009863-PA	C6(Carbamidomethyl)	75	3.88E-07	1	1678.882	0.87	Male reproductive organs	3R:-:44559731-44559687	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_117054	NVLQPK	AGAP009863-PA	-	46	0.000115288	1	698.418	-2.13	Head	3R:-:44559665-44559648	exon=> In CDS Exon 2 of transcript AGAP009863-PA
JHU_Ag_3008	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	106	3.08E-10	1	1827.940	0.68	Male reproductive organs	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_24415	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	111	9.33E-11	1	1827.941	1.28	Ovary	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_64497	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	88	2.18E-08	1	1827.944	2.94	Midgut	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_69183	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	123	6.50E-12	1	1827.938	-0.32	Head	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_90694	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	117	2.46E-11	1	1827.943	2.41	Salivary gland	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_99969	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	107	2.36E-10	1	1827.944	2.95	Larva	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_102191	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	96	3.42E-09	1	1827.938	-0.59	Pupa	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_103109	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	115	4.08E-11	1	1827.941	0.95	Malpighian tubule	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA

JHU_Ag_111179	GIYAYGFEKPSAIQQR	AGAP009863-PA,AGAP003089-PA	-	73	6.71E-07	2	1827.945	3.28	Visceras	3R:-:44561143-44561096;2R:+:32384295-32384310,32384407-32384438	exon=> In CDS Exon 1 of transcript AGAP009863-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003089-PA
JHU_Ag_2551	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl), N5(Deamidated)	91	1.12E-08	1	1252.630	1.76	Visceras	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_5174	EEYVVWWEK	AGAP009865-PA	-	46	0.000374559	2	1267.599	-0.29	Head	3R:+:44586961-44586987	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_5227	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	81	1.11E-07	1	1251.642	-1.94	Midgut	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_9573	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	100	1.70E-09	1	1251.643	-0.57	Male reproductive organs	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_13913	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	100	1.63E-09	1	1251.647	2.45	Malpighian tubule	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_15588	EVIPPDWVLDYWHPLEK	AGAP009865-PA	-	102	9.48E-10	1	2136.081	0.56	Midgut	3R:+:44586868-44586918	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_16107	KEEYVVWWEK	AGAP009865-PA	-	75	4.79E-07	1	1395.698	2.36	Visceras	3R:+:44586958-44586987	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_18524	KEEYVVWWEK	AGAP009865-PA	-	61	1.20E-05	2	1395.701	4.64	Malpighian tubule	3R:+:44586958-44586987	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_21361	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	75	4.70E-07	1	1251.643	-0.48	Salivary gland	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_21397	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	95	4.99E-09	1	1251.647	2.25	Ovary	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_23246	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl), N5(Deamidated)	105	4.17E-10	1	1252.634	4.78	Midgut	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_24170	YQATLMR	AGAP009865-PA	M6(Oxidation)	43	0.000563921	2	882.451	1.33	Visceras	3R:+:44586630-44586650	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_24552	VAQLVADGER	AGAP009865-PA	-	67	2.12E-06	2	1057.563	-1.1	Midgut	3R:+:44586693-44586722	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_25795	FPMSPGGVAFER	AGAP009865-PA	M3(Oxidation)	35	0.004322713	1	1310.622	1.62	Visceras	3R:+:44586759-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_28446	VAQLVADGERELFEK	AGAP009865-PA	-	74	4.77E-07	1	1703.899	1.31	Salivary gland	3R:+:44586693-44586737	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_30257	VAQLVADGER	AGAP009865-PA	-	66	3.17E-06	1	1057.563	-0.8	Head	3R:+:44586693-44586722	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_38724	KFPMSPGGVAFER	AGAP009865-PA	M4(Oxidation)	75	4.45E-07	1	1438.711	-2.42	Head	3R:+:44586756-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_39201	EVIPPDWVLDYWHPLEK	AGAP009865-PA	-	89	1.71E-08	1	2136.083	1.36	Head	3R:+:44586868-44586918	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_40396	VAQLVADGERELFEK	AGAP009865-PA	-	78	1.67E-07	1	1703.906	5.4	Malpighian tubule	3R:+:44586693-44586737	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_43942	VAQLVADGER	AGAP009865-PA	-	77	2.45E-07	1	1057.565	1.67	Malpighian tubule	3R:+:44586693-44586722	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_46838	KFPMSPGGVAFER	AGAP009865-PA	M4(Oxidation)	48	0.000226215	2	1438.720	3.43	Larva	3R:+:44586756-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_53097	VAQLVADGERELFEK	AGAP009865-PA	-	101	9.34E-10	1	1703.903	3.89	Midgut	3R:+:44586693-44586737	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_54050	NLESWFDR	AGAP009865-PA	-	54	5.49E-05	1	1066.498	2.52	Visceras	3R:+:44586440-44586463	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_57700	KEEYVVWWEK	AGAP009865-PA	-	74	6.33E-07	1	1395.692	-1.57	Midgut	3R:+:44586958-44586987	exon=> In CDS Exon 3 of transcript AGAP009865-PA

JHU_Ag_61406	NLESWFDR	AGAP009865-PA	-	44	0.000496347	1	1066.496	0.69	Malpighian tubule	3R:+:44586440-44586463	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_68204	KFPMSPGGVAFER	AGAP009865-PA	M4(Oxidation)	55	3.98E-05	3	1422.723	2.33	Visceras	3R:+:44586756-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_68893	YQATLMR	AGAP009865-PA	M6(Oxidation)	41	0.000875423	2	882.452	1.95	Malpighian tubule	3R:+:44586630-44586650	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_74230	VAQLVADGER	AGAP009865-PA	-	78	1.80E-07	2	1057.567	3.4	Visceras	3R:+:44586693-44586722	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_76846	EVIPPDWVLDYWHPLEK	AGAP009865-PA	-	94	5.78E-09	1	2136.086	2.51	Visceras	3R:+:44586868-44586918	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_77576	VAQLVADGER	AGAP009865-PA	-	63	5.66E-06	2	1057.563	-0.87	Ovary	3R:+:44586693-44586722	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_77641	FPMSPGGVAFER	AGAP009865-PA	M3(Oxidation)	63	6.07E-06	1	1310.618	-1.36	Midgut	3R:+:44586759-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_79577	KFPMSPGGVAFER	AGAP009865-PA	M4(Oxidation)	75	4.31E-07	1	1422.723	1.96	Malpighian tubule	3R:+:44586756-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_80885	KFPMSPGGVAFER	AGAP009865-PA	M4(Oxidation)	39	0.002095466	1	1438.716	1.14	Male reproductive organs	3R:+:44586756-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_87607	KEEYVVWWEK	AGAP009865-PA	-	71	1.14E-06	2	1395.695	0.26	Head	3R:+:44586958-44586987	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_88275	VAQLVADGERELFEK	AGAP009865-PA	-	72	7.18E-07	2	1703.897	0.17	Ovary	3R:+:44586693-44586737	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_92163	AQFPDYFAR	AGAP009865-PA	-	40	0.000846038	1	1114.530	-1.09	Midgut	3R:+:44586919-44586945	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_95564	FDQHR	AGAP009865-PA	-	34	0.001395993	2	702.330	-2.76	Head	3R:+:44586657-44586671	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_96059	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	99	1.87E-09	1	1251.645	0.6	Pupa	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_96259	YQATLMR	AGAP009865-PA	-	40	0.001047654	1	882.450	-0.25	Midgut	3R:+:44586630-44586650	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_97657	AQFPDYFAR	AGAP009865-PA	-	33	0.004509494	1	1114.535	3.4	Malpighian tubule	3R:+:44586919-44586945	exon=> In CDS Exon 3 of transcript AGAP009865-PA
JHU_Ag_100324	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	100	1.71E-09	1	1251.642	-1.84	Head	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_103692	NLESWFDR	AGAP009865-PA	-	49	0.000182646	1	1066.495	-0.22	Midgut	3R:+:44586440-44586463	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_104024	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl)	109	1.73E-10	1	1251.646	1.86	Visceras	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_106121	SAPTNAALAHTR	AGAP009865-PA	N-Term(Acetyl), N5(Deamidated)	84	6.70E-08	1	1252.628	-0.38	Head	3R:+:44586371-44586406	exon=> In CDS Exon 1 of transcript AGAP009865-PA
JHU_Ag_106140	KFPMSPGGVAFER	AGAP009865-PA	M4(Oxidation)	63	6.83E-06	2	1422.716	-2.51	Midgut	3R:+:44586756-44586759,44586833-44586867	exon=> In CDS Exon 2 and 3 of transcript AGAP009865-PA
JHU_Ag_111477	VAQLVADGERELFEK	AGAP009865-PA	-	104	4.82E-10	1	1703.900	2.24	Visceras	3R:+:44586693-44586737	exon=> In CDS Exon 2 of transcript AGAP009865-PA
JHU_Ag_20550	GANFLSQLLLRPNASDLTGSFR	AGAP009866-PA	-	42	0.000365746	3	2377.282	8.13	Larva	3R:-:44587527-44587462	exon=> In CDS Exon 3 of transcript AGAP009866-PA
JHU_Ag_62776	GANFLSQLLLRPNASDLTGSFR	AGAP009866-PA	-	33	0.003390684	3	2377.269	2.97	Midgut	3R:-:44587527-44587462	exon=> In CDS Exon 3 of transcript AGAP009866-PA
JHU_Ag_65351	GANFLSQLLLRPNASDLTGSFR	AGAP009866-PA	-	51	5.92E-05	1	2377.269	2.59	Head	3R:-:44587527-44587462	exon=> In CDS Exon 3 of transcript AGAP009866-PA

JHU_Ag_68749	QLNYTIGEVPISFVDR	AGAP009866-PA	-	85	3.65E-08	1	1850.962	-1.45	Midgut	3R:-:44587371-44587324	exon=> In CDS Exon 3 of transcript AGAP009866-PA
JHU_Ag_72345	LGGSEIVQFAK	AGAP009866-PA	-	90	1.13E-08	2	1148.630	-1.2	Male reproductive organs	3R:-:44587305-44587273	exon=> In CDS Exon 3 of transcript AGAP009866-PA
JHU_Ag_79351	FIPQFVELQK	AGAP009866-PA	-	37	0.001557282	2	1248.699	0.03	Male reproductive organs	3R:-:44587647-44587618	exon=> In CDS Exon 3 of transcript AGAP009866-PA
JHU_Ag_96882	GYVFQMEMIVR	AGAP009866-PA	M6(Oxidation), M8(Oxidation)	46	0.000400774	2	1404.667	1.21	Male reproductive organs	3R:-:44587410-44587378	exon=> In CDS Exon 3 of transcript AGAP009866-PA
JHU_Ag_101245	QLNYTIGEVPISFVDR	AGAP009866-PA	-	67	2.20E-06	2	1850.965	0.07	Head	3R:-:44587371-44587324	exon=> In CDS Exon 3 of transcript AGAP009866-PA
JHU_Ag_107085	ILLRPR	AGAP009866-PA	-	39	9.60E-05	2	767.524	-1.42	Head	3R:-:44587871-44587854	exon=> In CDS Exon 2 of transcript AGAP009866-PA
JHU_Ag_591	TPVELLK	AGAP009867-PA	-	34	0.001037158	2	799.492	-1.15	Visceras	3R:-:44593150-44593130	exon=> In CDS Exon 1 of transcript AGAP009867-PA
JHU_Ag_2980	YLFSNDAPDDMHTSDEHR	AGAP009867-PA	M11(Oxidation)	112	1.38E-11	1	2165.878	-2.42	Head	3R:-:44588865-44588812	exon=> In CDS Exon 7 of transcript AGAP009867-PA
JHU_Ag_8334	VTEALQVVYDSIK	AGAP009867-PA	-	84	3.14E-08	2	1464.798	2.66	Head	3R:-:44593081-44593043	exon=> In CDS Exon 1 of transcript AGAP009867-PA
JHU_Ag_11146	FITLIDTLYDSR	AGAP009867-PA	-	67	2.60E-06	2	1456.770	1.23	Visceras	3R:-:44589026-44588991	exon=> In CDS Exon 6 of transcript AGAP009867-PA
JHU_Ag_20318	FITLIDTLYDSR	AGAP009867-PA	-	65	3.72E-06	2	1456.773	3.08	Midgut	3R:-:44589026-44588991	exon=> In CDS Exon 6 of transcript AGAP009867-PA
JHU_Ag_24659	DSTDASSNIFTGEEEVFAFER	AGAP009867-PA	-	35	0.00278262	1	2351.034	1.33	Head	3R:-:44588781-44588719	exon=> In CDS Exon 7 of transcript AGAP009867-PA
JHU_Ag_83226	TIYQTGNNIVHEESGYLK	AGAP009868-PA	-	130	1.48E-12	1	2066.023	2.19	Head	3R:-:44596361-44596499,44595893-44596190	exon=> In CDS Exon 3 and 2 of transcript AGAP009868-PA
JHU_Ag_85682	RAQLDYNGQYYNQ	AGAP009868-PA	N7(Deamidated),Q9(Deamidated)	72	7.13E-07	1	1632.741	0.47	Head	3R:-:44595934-44595896	exon=> In CDS Exon 3 of transcript AGAP009868-PA
JHU_Ag_53615	YIADENGFQPQADHLPVAPSA	AGAP009869-PA	-	63	7.67E-06	2	2240.067	2.24	Malpighian tubule	3R:-:44599608-44599546	exon=> In CDS Exon 3 of transcript AGAP009869-PA
JHU_Ag_89148	YIADENGFQPQADHLPVAPSA	AGAP009869-PA	-	62	8.07E-06	1	2240.064	0.82	Head	3R:-:44599608-44599546	exon=> In CDS Exon 3 of transcript AGAP009869-PA
JHU_Ag_104239	LDETGRQIGEEDVQVSVQTGSFQYTAPDGQVYTLR	AGAP009869-PA	-	80	9.87E-08	1	3886.896	5.94	Malpighian tubule	3R:-:44599805-44599872,44599543-44599609	exon=> In CDS Exon 3 and 2 of transcript AGAP009869-PA
JHU_Ag_23707	YSYEGGDGTR	AGAP009870-PA	-	45	7.32E-05	2	1104.461	1.22	Head	3R:+:44603794-44603823	exon=> In CDS Exon 1 of transcript AGAP009870-PA
JHU_Ag_43126	QHQQQQQHQQQQQQHHQQQSLPR	AGAP009870-PA	Q1(Deamidated)	36	0.003005406	1	2942.393	2.32	Head	3R:+:44603665-44603733	exon=> In CDS Exon 1 of transcript AGAP009870-PA
JHU_Ag_83899	YKEIPIVNLENVLEVDGK	AGAP009870-PA	-	105	1.75E-10	1	2072.132	2.29	Head	3R:+:44603734-44603787	exon=> In CDS Exon 1 of transcript AGAP009870-PA
JHU_Ag_94189	AAQDGQQIVVNNQVGTASQGQYTYQGDDGK	AGAP009870-PA	-	160	1.17E-15	1	3140.448	-1.02	Head	3R:+:44603824-44603898,44603973-44603987	exon=> In CDS Exon 1 and 2 of transcript AGAP009870-PA
JHU_Ag_112906	EIPIVNLENVLEVDGK	AGAP009870-PA	-	116	1.42E-11	2	1780.978	4.91	Head	3R:+:44603740-44603787	exon=> In CDS Exon 1 of transcript AGAP009870-PA
JHU_Ag_3698	GQETGTLKR	AGAP009871-PA	-	50	0.000173086	2	989.540	2.45	Visceras	3R:-:44607323-44607297	exon=> In CDS Exon 3 of transcript AGAP009871-PA
JHU_Ag_34668	GQETGTLKR	AGAP009871-PA	-	38	0.002959901	1	989.537	-0.64	Malpighian tubule	3R:-:44607323-44607297	exon=> In CDS Exon 3 of transcript AGAP009871-PA
JHU_Ag_46308	SDAEAEILQQDNNIEPDGQYQYSYETANGIR	AGAP009871-PA	-	85	2.85E-08	1	3531.588	2.74	Head	3R:-:44608153-44608207,44607075-44607324	exon=> In CDS Exon 3 and 2 of transcript AGAP009871-PA

JHU_Ag_56382	GYYEYIGDDGQK	AGAP009872-PA,AGAP009873-PA	-	43	0.000331722	2	1407.611	3.24	Larva	3R:+:44622531-44622566;3R:+:44631362-44631397	exon=> In CDS Exon 3 of transcript AGAP009872-PA;exon=> In CDS Exon 3 of transcript AGAP009873-PA
JHU_Ag_70446	YANENNIEAAESGK	AGAP009872-PA,AGAP009873-PA	-	104	5.40E-10	1	1509.689	5.12	Larva	3R:+:44622447-44622488;3R:+:44631278-44631319	exon=> In CDS Exon 3 of transcript AGAP009872-PA;exon=> In CDS Exon 3 of transcript AGAP009873-PA
JHU_Ag_73975	FGAGGAGGAGGAGGAGSGSR	AGAP009872-PA,AGAP009873-PA	-	131	8.92E-13	1	1478.677	2.76	Larva	3R:+:44622243-44622302;3R:+:44631074-44631133	exon=> In CDS Exon 3 of transcript AGAP009872-PA;exon=> In CDS Exon 3 of transcript AGAP009873-PA
JHU_Ag_26362	SQGFYQYVGDDGVVYRVDYVADGNGFLPQGDHIPK	AGAP009874-PA	-	151	7.86E-15	1	3875.827	-0.73	Visceras	3R:-:44647968-44648047,44647714-44647768	exon=> In CDS Exon 4 and 3 of transcript AGAP009874-PA
JHU_Ag_27962	YLQYPYNTYR	AGAP009874-PA	-	62	1.02E-05	1	1380.661	1.84	Visceras	3R:-:44648543-44648514	exon=> In CDS Exon 2 of transcript AGAP009874-PA
JHU_Ag_28841	LENQVENDGYHYVFETENGILAEEAGRIEDK	AGAP009874-PA	-	114	4.40E-11	1	3581.683	4.65	Visceras	3R:-:44648153-44648669,44647882-44647993	exon=> In CDS Exon 3 and 2 of transcript AGAP009874-PA
JHU_Ag_28874	LENQVENDGYHYVFETENGILAEEAGR	AGAP009874-PA	N18(Deamidated)	161	7.97E-16	1	3096.425	2.23	Visceras	3R:-:44648153-44648669,44647882-44648005	exon=> In CDS Exon 3 and 2 of transcript AGAP009874-PA
JHU_Ag_29548	SQGFYQYVGDDGVVYR	AGAP009874-PA	-	97	2.44E-09	2	1852.855	2.53	Head	3R:-:44647968-44647921	exon=> In CDS Exon 3 of transcript AGAP009874-PA
JHU_Ag_32851	VDYVADGNGFLPQGDHIPK	AGAP009874-PA	N8(Deamidated)	69	1.92E-06	1	2042.990	4.01	Malpighian tubule	3R:-:44647920-44648047,44647714-44647768	exon=> In CDS Exon 4 and 3 of transcript AGAP009874-PA
JHU_Ag_50265	IEDKGTAAEGLR	AGAP009874-PA	-	80	1.58E-07	1	1259.660	0.7	Visceras	3R:-:44648004-44647969	exon=> In CDS Exon 3 of transcript AGAP009874-PA
JHU_Ag_55853	LENQVENDGYHYVFETENGILAEEAGR	AGAP009874-PA	-	113	5.25E-11	1	3096.428	3.3	Malpighian tubule	3R:-:44648153-44648669,44647882-44648005	exon=> In CDS Exon 3 and 2 of transcript AGAP009874-PA
JHU_Ag_57756	SQGFYQYVGDDGVVYR	AGAP009874-PA	-	113	5.71E-11	2	1852.847	-1.62	Midgut	3R:-:44647968-44647921	exon=> In CDS Exon 3 of transcript AGAP009874-PA
JHU_Ag_61179	YVHVDNR	AGAP009874-PA	-	40	0.001223612	1	902.449	0.76	Visceras	3R:-:44648423-44648403	exon=> In CDS Exon 2 of transcript AGAP009874-PA
JHU_Ag_79436	VDYVADGNGFLPQGDHIPK	AGAP009874-PA	-	41	0.001286086	1	2042.005	3.3	Head	3R:-:44647920-44648047,44647714-44647768	exon=> In CDS Exon 4 and 3 of transcript AGAP009874-PA
JHU_Ag_85735	VAPKPAYAPDGWK	AGAP009874-PA	-	97	2.02E-09	1	1399.739	1.61	Visceras	3R:-:44648201-44648163	exon=> In CDS Exon 2 of transcript AGAP009874-PA
JHU_Ag_86920	VDYVADGNGFLPQGDHIPK	AGAP009874-PA	N8(Deamidated)	103	7.25E-10	1	2042.005	3.7	Visceras	3R:-:44647920-44648047,44647714-44647768	exon=> In CDS Exon 4 and 3 of transcript AGAP009874-PA
JHU_Ag_87661	IEDKGTAAEGLR	AGAP009874-PA	-	39	0.001990213	1	1259.665	4.48	Malpighian tubule	3R:-:44648004-44647969	exon=> In CDS Exon 3 of transcript AGAP009874-PA
JHU_Ag_88736	LENQVENDGYHYVFETENGILAEEAGR	AGAP009874-PA	-	105	3.89E-10	1	3096.423	1.4	Head	3R:-:44648153-44648669,44647882-44648005	exon=> In CDS Exon 3 and 2 of transcript AGAP009874-PA
JHU_Ag_96929	SQGFYQYVGDDGVVYR	AGAP009874-PA	-	122	7.12E-12	1	1852.853	1.34	Visceras	3R:-:44647968-44647921	exon=> In CDS Exon 3 of transcript AGAP009874-PA
JHU_Ag_99386	VAPKPAYAPDGWK	AGAP009874-PA	-	97	2.07E-09	1	1399.739	1.52	Malpighian tubule	3R:-:44648201-44648163	exon=> In CDS Exon 2 of transcript AGAP009874-PA
JHU_Ag_107491	YLAAQPK	AGAP009874-PA	-	41	0.000791173	1	790.447	1.32	Visceras	3R:-:44647737-44647717	exon=> In CDS Exon 4 of transcript AGAP009874-PA
JHU_Ag_108166	YLQYPYNTYR	AGAP009874-PA	-	56	3.95E-05	2	1380.661	2.11	Malpighian tubule	3R:-:44648543-44648514	exon=> In CDS Exon 2 of transcript AGAP009874-PA

JHU_Ag_109984	VDYVADGNGFLPQGDHIPK	AGAP009874-PA	Q13(Deamidated),N8(Deamidated)	108	2.28E-10	1	2041.997	-0.19	Midgut	3R:-:44647920-44648047,44647714-44647768	exon=> In CDS Exon 4 and 3 of transcript AGAP009874-PA
JHU_Ag_117389	SQGFYQYVGDDGVVYRVDYVADGNGFLPQGDHIPK	AGAP009874-PA	-	85	3.65E-08	1	3875.846	4.05	Malpighian tubule	3R:-:44647968-44648047,44647714-44647768	exon=> In CDS Exon 4 and 3 of transcript AGAP009874-PA
JHU_Ag_104657	VQEQGEIKNK	AGAP009877-PA	Q2(Deamidated), Q4(Deamidated)	50	0.000206686	1	1174.611	13.78	Salivary gland	3R:-:44664471-44664442	exon=> In CDS Exon 4 of transcript AGAP009877-PA
JHU_Ag_41681	FHQAGHVPSASGHNYNR	AGAP009878-PA,AGAP012728-PA	-	54	6.36E-05	1	1878.875	0.49	Head	3R:-:44683979-44683929;UNKN:-:25703036-25702986	exon=> In CDS Exon 4 of transcript AGAP009878-PA;exon=> In CDS Exon 3 of transcript AGAP012728-PA
JHU_Ag_88362	APLLPPHNPTQFSQR	AGAP009878-PA,AGAP012728-PA	-	84	4.35E-08	1	1702.906	2.2	Head	3R:-:44685311-44685267;UNKN:-:25704359-25704315	exon=> In CDS Exon 2 of transcript AGAP009878-PA;exon=> In CDS Exon 1 of transcript AGAP012728-PA
JHU_Ag_6248	NPGTPGEAQVMQGSYSYTGPDGVVYTINYIADENGYRAEGAHIPSAPR	AGAP009879-PA	M11(Oxidation)	153	3.85E-15	1	5086.363	1.56	Malpighian tubule	3R:+:44724204-44724347	exon=> In CDS Exon 2 of transcript AGAP009879-PA
JHU_Ag_15054	AEGAHIPSAPR	AGAP009879-PA	-	62	9.85E-06	2	1105.570	-4.25	Head	3R:+:44724315-44724347	exon=> In CDS Exon 2 of transcript AGAP009879-PA
JHU_Ag_22309	YNPRYPGQYQ	AGAP009879-PA	-	40	0.001094249	1	1285.598	1.88	Malpighian tubule	3R:+:44724348-44724377	exon=> In CDS Exon 2 of transcript AGAP009879-PA
JHU_Ag_55796	AEGAHIPSAPR	AGAP009879-PA	-	56	3.67E-05	1	1105.575	-0.06	Visceras	3R:+:44724315-44724347	exon=> In CDS Exon 2 of transcript AGAP009879-PA
JHU_Ag_72245	NPGTPGEAQVMQGSYSYTGPDGVVYTINYIADENGYRAEGAHIPSAPR	AGAP009879-PA	M11(Oxidation)	120	7.10E-12	1	5070.344	-3.19	Visceras	3R:+:44724204-44724347	exon=> In CDS Exon 2 of transcript AGAP009879-PA
JHU_Ag_23823	SIADLMQQAGVEGQDK	AGAP009882-PA	M6(Oxidation)	76	3.90E-07	2	1689.814	1.81	Head	3R:-:44737477-44737430	exon=> In CDS Exon 2 of transcript AGAP009882-PA
JHU_Ag_45180	SEIDSDAEQNYSLNSNVDPK	AGAP009882-PA	-	65	2.67E-06	2	2224.985	0.25	Ovary	3R:-:44737744-44737685	exon=> In CDS Exon 1 of transcript AGAP009882-PA
JHU_Ag_81182	SEIDSDAEQNYSLNSNVDPK	AGAP009882-PA	-	81	6.02E-08	2	2224.979	-2.28	Head	3R:-:44737744-44737685	exon=> In CDS Exon 1 of transcript AGAP009882-PA
JHU_Ag_95253	FQTMSDQIISR	AGAP009882-PA	-	40	0.001701476	2	1325.652	0.39	Head	3R:-:44737549-44737517	exon=> In CDS Exon 2 of transcript AGAP009882-PA
JHU_Ag_6013	AMAPPGPNAYAIGK	AGAP009883-PA	M2(Oxidation)	47	0.000338047	2	1373.687	-0.71	Male reproductive organs	3R:-:44739500-44739459	exon=> In CDS Exon 1 of transcript AGAP009883-PA
JHU_Ag_14677	IVTILAGGGGNR	AGAP009883-PA	-	77	1.74E-07	2	1127.653	0.04	Midgut	3R:-:44738574-44738539	exon=> In CDS Exon 3 of transcript AGAP009883-PA
JHU_Ag_25368	IVTILAGGGGNR	AGAP009883-PA	-	68	1.22E-06	2	1127.655	1.23	Ovary	3R:-:44738574-44738539	exon=> In CDS Exon 3 of transcript AGAP009883-PA
JHU_Ag_44670	GGSSPGTSSWTSR	AGAP009883-PA	-	46	0.000282754	2	1266.575	2.79	Male reproductive organs	3R:-:44739566-44739528	exon=> In CDS Exon 1 of transcript AGAP009883-PA
JHU_Ag_51479	LLSLVSR	AGAP009883-PA	-	65	1.21E-06	2	787.504	-0.16	Male reproductive organs	3R:-:44739254-44739234	exon=> In CDS Exon 1 of transcript AGAP009883-PA
JHU_Ag_80964	LLSLVSR	AGAP009883-PA	-	40	0.000363463	2	787.503	-0.39	Midgut	3R:-:44739254-44739234	exon=> In CDS Exon 1 of transcript AGAP009883-PA
JHU_Ag_103005	IVTILAGGGGNR	AGAP009883-PA	-	71	6.58E-07	2	1127.653	-0.07	Male reproductive organs	3R:-:44738574-44738539	exon=> In CDS Exon 3 of transcript AGAP009883-PA
JHU_Ag_21889	HSFFLELPQER	AGAP009887-PA	-	70	1.76E-06	1	1402.709	-1.88	Head	3R:+:44749878-44749910	exon=> In CDS Exon 2 of transcript AGAP009887-PA
JHU_Ag_2455	FVEITMVFHVLR	AGAP009891-PA	M6(Oxidation)	59	1.62E-05	2	1506.813	-0.84	Midgut	3R:+:44881461-44881496	exon=> In CDS Exon 2 of transcript AGAP009891-PA

JHU_Ag_9144	GETVPLNVGVLPEFR	AGAP009891-PA	-	93	3.97E-09	1	1626.893	4.64	Visceras	3R:+:44881521-44881546,44881619-44881637	exon=> In CDS Exon 2 and 3 of transcript AGAP009891-PA
JHU_Ag_19042	GETVPLNVGVLPEFR	AGAP009891-PA	-	63	4.23E-06	1	1626.892	4.27	Head	3R:+:44881521-44881546,44881619-44881637	exon=> In CDS Exon 2 and 3 of transcript AGAP009891-PA
JHU_Ag_43481	GETVPLNVGVLPEFR	AGAP009891-PA	-	73	4.36E-07	1	1626.885	-0.08	Midgut	3R:+:44881521-44881546,44881619-44881637	exon=> In CDS Exon 2 and 3 of transcript AGAP009891-PA
JHU_Ag_46670	EFSLPEFIQGTK	AGAP009891-PA	-	38	0.002085875	2	1395.718	1.82	Visceras	3R:+:44874369-44874404	exon=> In CDS Exon 1 of transcript AGAP009891-PA
JHU_Ag_66130	GVDSDWTVNVVNHFKPSDYVEE	AGAP009891-PA	-	47	0.00026885	2	2536.171	3.13	Midgut	3R:+:44881686-44881751	exon=> In CDS Exon 3 of transcript AGAP009891-PA
JHU_Ag_67224	GVDSDWTVNVVNHFKPSDYVEE	AGAP009891-PA	-	36	0.003355859	1	2536.164	0.4	Visceras	3R:+:44881686-44881751	exon=> In CDS Exon 3 of transcript AGAP009891-PA
JHU_Ag_71568	EFSLPEFIQGTK	AGAP009891-PA	-	36	0.004004976	2	1395.710	-3.86	Midgut	3R:+:44874369-44874404	exon=> In CDS Exon 1 of transcript AGAP009891-PA
JHU_Ag_99823	QALQVVSSSLAGGEVK	AGAP009891-PA	-	110	1.08E-10	2	1572.858	-0.51	Midgut	3R:+:44874405-44874416,44881251-44881286	exon=> In CDS Exon 1 and 2 of transcript AGAP009891-PA
JHU_Ag_29037	VQSNQVAIAAVLR	AGAP009893-PA	-	27	0.006156483	1	1368.800	3.28	Malpighian tubule	3R:+:44901107-44901145	exon=> In CDS Exon 3 of transcript AGAP009893-PA
JHU_Ag_65193	NRPHPTTNFETLVHLLK	AGAP009895-PA,AGAP009895-PB	-	113	3.65E-11	1	2017.101	1.38	Head	3R:-:44907036-44907153,44906660-44906902;3R:-:44907036-44907153,44906660-44906902	exon=> In CDS Exon 2 and 1 of transcript AGAP009895-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP009895-PB
JHU_Ag_73831	HRVPILTYPISMK	AGAP009895-PA,AGAP009895-PB	M12(Oxidation)	70	6.77E-07	1	1570.879	0.95	Head	3R:-:44906751-44906713;3R:-:44906751-44906713	exon=> In CDS Exon 2 of transcript AGAP009895-PA;exon=> In CDS Exon 2 of transcript AGAP009895-PB
JHU_Ag_87596	VPILTYPISMK	AGAP009895-PA,AGAP009895-PB	M10(Oxidation)	63	2.34E-06	1	1261.724	1.51	Head	3R:-:44906745-44906713;3R:-:44906745-44906713	exon=> In CDS Exon 2 of transcript AGAP009895-PA;exon=> In CDS Exon 2 of transcript AGAP009895-PB
JHU_Ag_92622	IALEEGPECLR	AGAP009895-PA,AGAP009895-PB	C9(Carbamidomethyl)	62	8.96E-06	1	1286.641	0.23	Head	3R:-:44906712-44906680;3R:-:44906712-44906680	exon=> In CDS Exon 2 of transcript AGAP009895-PA;exon=> In CDS Exon 2 of transcript AGAP009895-PB
JHU_Ag_106266	NRPHPTTNFETLVHLLK	AGAP009895-PA,AGAP009895-PB	-	64	3.28E-06	1	2017.099	0.34	Visceras	3R:-:44907036-44907153,44906660-44906902;3R:-:44907036-44907153,44906660-44906902	exon=> In CDS Exon 2 and 1 of transcript AGAP009895-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP009895-PB
JHU_Ag_110933	GTTSVDMQIFATNGNTIVDESYDPHLHR	AGAP009895-PA,AGAP009895-PB	M7(Oxidation), N15(Deamidated),M7(Oxidation),"M7(Oxidation), N13(Deamidated)"	165	3.69E-16	1	3135.427	-1.65	Head	3R:-:44907120-44907037;3R:-:44907120-44907037	exon=> In CDS Exon 1 of transcript AGAP009895-PA;exon=> In CDS Exon 1 of transcript AGAP009895-PB
JHU_Ag_19147	KPGLETEYDPFQHR	AGAP009896-PA	-	51	0.000133787	1	1716.835	0.72	Salivary gland	3R:-:44918549-44918508	exon=> In CDS Exon 1 of transcript AGAP009896-PA
JHU_Ag_23724	LVEHPTTNNETLIHLLK	AGAP009896-PA	-	121	4.69E-12	1	1972.088	1.06	Head	3R:-:44918507-44918457	exon=> In CDS Exon 1 of transcript AGAP009896-PA

JHU_Ag_44528	LVEHPTTNNETLIHLLK	AGAP009896-PA	-	58	6.79E-06	1	1972.095	4.4	Salivary gland	3R:-:44918507-44918457	exon=> In CDS Exon 1 of transcript AGAP009896-PA
JHU_Ag_45071	TIDPNMYTLEIQEK	AGAP009896-PA	-	58	2.58E-05	2	1694.837	3.59	Head	3R:-:44918591-44918550	exon=> In CDS Exon 1 of transcript AGAP009896-PA
JHU_Ag_102175	KPGLETEYDPFQHR	AGAP009896-PA	-	70	1.57E-06	1	1716.837	1.46	Head	3R:-:44918549-44918508	exon=> In CDS Exon 1 of transcript AGAP009896-PA
JHU_Ag_115855	RVPSLNYPAVTQTALLEGPDALKPLSK	AGAP009896-PA	-	74	5.56E-08	1	2878.611	2.58	Head	3R:-:44918303-44918223	exon=> In CDS Exon 1 of transcript AGAP009896-PA
JHU_Ag_14166	SELNDVPAQTAAGSTLPLVDMIK	AGAP009897-PA	-	53	5.93E-05	2	2370.223	0.3	Head	3R:+:44960693-44960761	exon=> In CDS Exon 2 of transcript AGAP009897-PA
JHU_Ag_896	LTHPTTDMETLVHLLK	AGAP009898-PA,AGAP009897-PA	M8(Oxidation)	118	1.95E-11	1	1864.987	1.94	Head	3R:+:44972070-44972117;3R:+:44960807-44960854	exon=> In CDS Exon 2 of transcript AGAP009898-PA;exon=> In CDS Exon 2 of transcript AGAP009897-PA
JHU_Ag_6317	DDEEAGTYNPFENRK	AGAP009898-PA,AGAP009897-PA	-	75	2.03E-07	1	1784.776	2.18	Head	3R:+:44972025-44972069;3R:+:44960762-44960806	exon=> In CDS Exon 2 of transcript AGAP009898-PA;exon=> In CDS Exon 2 of transcript AGAP009897-PA
JHU_Ag_17609	DDEEAGTYNPFENR	AGAP009898-PA,AGAP009897-PA	-	112	2.07E-11	2	1656.678	0.44	Head	3R:+:44972025-44972066;3R:+:44960762-44960803	exon=> In CDS Exon 2 of transcript AGAP009898-PA;exon=> In CDS Exon 2 of transcript AGAP009897-PA
JHU_Ag_2642	RPELWIVPGGGVEPDEEASLTATR	AGAP009901-PA	-	37	0.001978362	1	2579.322	4.43	Head	3R:+:45174721-45174792	exon=> In CDS Exon 2 of transcript AGAP009901-PA
JHU_Ag_20786	RPELWIVPGGGVEPDEEASLTATR	AGAP009901-PA	-	54	4.35E-05	1	2579.312	0.81	Midgut	3R:+:45174721-45174792	exon=> In CDS Exon 2 of transcript AGAP009901-PA
JHU_Ag_64475	RPELWIVPGGGVEPDEEASLTATR	AGAP009901-PA	-	89	1.21E-08	1	2579.325	5.7	Male reproductive organs	3R:+:45174721-45174792	exon=> In CDS Exon 2 of transcript AGAP009901-PA
JHU_Ag_106335	SEAEAEVLLVTSSR	AGAP009901-PA	-	55	5.36E-05	2	1490.772	1.69	Male reproductive organs	3R:+:45174590-45174607,45174697-45174720	exon=> In CDS Exon 1 and 2 of transcript AGAP009901-PA
JHU_Ag_114115	RPELWIVPGGGVEPDEEASLTATR	AGAP009901-PA	-	149	1.65E-14	1	2579.309	-0.54	Ovary	3R:+:45174721-45174792	exon=> In CDS Exon 2 of transcript AGAP009901-PA
JHU_Ag_117687	EVLEEAGVMGQLGR	AGAP009901-PA	M9(Oxidation)	58	2.87E-05	2	1503.747	-0.18	Male reproductive organs	3R:+:45174793-45174834	exon=> In CDS Exon 2 of transcript AGAP009901-PA
JHU_Ag_45170	ELLIK	AGAP009904-PA	-	34	0.001493801	1	615.407	-0.64	Midgut	3R:-:45184414-45184400	exon=> In CDS Exon 1 of transcript AGAP009904-PA
JHU_Ag_48224	LVHLHPGNVAQK	AGAP009904-PA	-	38	0.001022717	1	1312.749	0.18	Ovary	3R:-:45183976-45183941	exon=> In CDS Exon 1 of transcript AGAP009904-PA
JHU_Ag_59838	LAENHPYCTTFHLVPK	AGAP009904-PA	C8(Carbamidomethyl)	72	8.82E-07	1	1926.961	3.84	Ovary	3R:-:45184531-45184484	exon=> In CDS Exon 1 of transcript AGAP009904-PA
JHU_Ag_69770	VGDYLIIQR	AGAP009904-PA	-	71	8.11E-07	1	1076.607	-2.49	Ovary	3R:-:45184636-45184610	exon=> In CDS Exon 1 of transcript AGAP009904-PA
JHU_Ag_78126	AEASVTYLR	AGAP009904-PA	-	41	0.001067126	2	1009.532	0.52	Ovary	3R:-:45183436-45183410	exon=> In CDS Exon 2 of transcript AGAP009904-PA
JHU_Ag_85893	LYTLDALSTPSEIR	AGAP009904-PA	-	59	1.62E-05	2	1578.836	-0.6	Ovary	3R:-:45184465-45184424	exon=> In CDS Exon 1 of transcript AGAP009904-PA
JHU_Ag_93278	QSQALSTEEILK	AGAP009904-PA	-	48	0.000233985	2	1346.716	0.09	Ovary	3R:-:45184360-45184325	exon=> In CDS Exon 1 of transcript AGAP009904-PA
JHU_Ag_96299	FNNLNTTVNLGK	AGAP009904-PA	-	91	1.39E-08	1	1334.704	-1.46	Ovary	3R:-:45184585-45184550	exon=> In CDS Exon 1 of transcript AGAP009904-PA
JHU_Ag_9014	ICDECNYGSYQGR	AGAP009905-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	107	3.60E-11	1	1621.639	1.43	Malpighian tubule	3R:+:45185266-45185304	exon=> In CDS Exon 2 of transcript AGAP009905-PA
JHU_Ag_19247	TDLFYER	AGAP009905-PA	-	42	0.000544247	2	943.453	1.18	Ovary	3R:+:45185509-45185529	exon=> In CDS Exon 3 of transcript AGAP009905-PA
JHU_Ag_53677	HHPDLIFCR	AGAP009905-PA	C8(Carbamidomethyl)	43	0.000794057	1	1194.584	0.53	Ovary	3R:+:45185061-45185087	exon=> In CDS Exon 1 of transcript AGAP009905-PA
JHU_Ag_77329	IVNLGSSK	AGAP009905-PA	-	56	3.25E-05	2	817.479	1.04	Ovary	3R:+:45185485-45185508	exon=> In CDS Exon 3 of transcript AGAP009905-PA

JHU_Ag_5102	FTYNATLR	AGAP009907-PA	-	55	2.63E-05	2	985.510	0	Pupa	3R:-:45188495-45188804,45188263-45188409	exon=> In CDS Exon 4 and 3 of transcript AGAP009907-PA
JHU_Ag_5190	SLATVVAHEIAHSWTGNLVTNR	AGAP009907-PA	-	104	3.69E-10	2	2376.242	0.12	Midgut	3R:-:45187982-45187917	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_5846	SILPCQDTPAVK	AGAP009907-PA	C5(Carbamidomethyl)	54	5.46E-05	2	1328.687	-0.47	Midgut	3R:-:45188531-45188496	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_6896	STISGTATLHFK	AGAP009907-PA	-	95	4.89E-09	1	1262.674	-0.37	Midgut	3R:-:45188935-45188900	exon=> In CDS Exon 2 of transcript AGAP009907-PA
JHU_Ag_7664	YQSVLTNDFK	AGAP009907-PA	-	48	0.00016858	1	1214.605	-0.55	Pupa	3R:-:45187521-45187492	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_7939	ASALQWLTPEQTFGK	AGAP009907-PA	-	45	0.000454695	2	1676.867	1.3	Male reproductive organs	3R:-:45188621-45188577	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_8007	TQLADTPELTK	AGAP009907-PA	-	66	4.40E-06	1	1216.644	1.51	Malpighian tubule	3R:-:45187707-45187675	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_8821	YLEDLLGGPSK	AGAP009907-PA	-	90	1.92E-08	1	1191.625	-0.39	Pupa	3R:-:45187593-45187561	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_9567	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	76	3.40E-07	1	2003.036	-4.14	Head	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA
JHU_Ag_9771	SNAGEVPLDWDIGGTIENIGSK	AGAP009907-PA	-	75	5.08E-07	2	2272.109	-0.05	Male reproductive organs	3R:-:45188759-45188694	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_10433	STISGTATLHFK	AGAP009907-PA	-	59	1.77E-05	1	1262.674	0.41	Pupa	3R:-:45188935-45188900	exon=> In CDS Exon 2 of transcript AGAP009907-PA
JHU_Ag_11636	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	76	3.34E-07	2	2003.043	-0.85	Male reproductive organs	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA
JHU_Ag_12172	LIEKMDEILAFANSNFR	AGAP009907-PA	M5(Oxidation)	92	8.47E-09	1	2027.028	0.46	Malpighian tubule	3R:-:45187037-45186987	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_12724	HPYLFSQCQAIHAR	AGAP009907-PA	C8(Carbamidomethyl)	32	0.010752706	1	1727.848	2.35	Midgut	3R:-:45188573-45188532	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_13105	AEEICGPYVWER	AGAP009907-PA	C5(Carbamidomethyl)	71	7.64E-07	1	1508.684	-0.09	Male reproductive organs	3R:-:45188114-45188079	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_13461	TQLADTPELTK	AGAP009907-PA	-	50	0.000185359	2	1216.647	3.82	Ovary	3R:-:45187707-45187675	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_13492	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	113	5.75E-11	1	2003.047	1.04	Midgut	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA
JHU_Ag_14440	KHPYLFSQCQAIHAR	AGAP009907-PA	C9(Carbamidomethyl)	53	6.46E-05	1	1855.940	1.06	Midgut	3R:-:45188576-45188532	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_15324	MDEILAFANSNFR	AGAP009907-PA	-	77	2.88E-07	2	1527.729	2.16	Malpighian tubule	3R:-:45187025-45186987	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_17538	LIEKMDEILAFANSNFR	AGAP009907-PA	M5(Oxidation)	113	6.83E-11	1	2027.027	0.26	Midgut	3R:-:45187037-45186987	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_19342	FTYNATLR	AGAP009907-PA	-	46	0.000207499	2	985.512	1.92	Ovary	3R:-:45188495-45188804,45188263-45188409	exon=> In CDS Exon 4 and 3 of transcript AGAP009907-PA
JHU_Ag_20831	FVRPVYK	AGAP009907-PA	-	29	0.002870384	1	908.538	2.53	Male reproductive organs	3R:-:45186980-45186960	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_20894	EDPNNEVLLER	AGAP009907-PA	-	34	0.004863064	2	1327.653	3.46	Larva	3R:-:45187467-45187435	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_24618	MDEILAFANSNFR	AGAP009907-PA	-	51	0.000117581	2	1527.726	0	Head	3R:-:45187025-45186987	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_27464	ASALQWLTPEQTFGK	AGAP009907-PA	-	56	3.38E-05	2	1676.868	2.25	Pupa	3R:-:45188621-45188577	exon=> In CDS Exon 3 of transcript AGAP009907-PA

JHU_Ag_28430	KDLEEVFLDVSDLTVSSVAAK	AGAP009907-PA	-	65	2.40E-06	1	2265.200	5.92	Ovary	3R:-:45188890-45188988,45188478-45188760	exon=> In CDS Exon 3 and 2 of transcript AGAP009907-PA
JHU_Ag_28474	KHPYLFSQCQAIHAR	AGAP009907-PA	C9(Carbamidomethyl)	38	0.002031913	1	1855.951	6.82	Ovary	3R:-:45188576-45188532	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_28935	FTYNATLR	AGAP009907-PA	-	50	9.53E-05	1	985.510	0	Malpighian tubule	3R:-:45188495-45188804,45188263-45188409	exon=> In CDS Exon 4 and 3 of transcript AGAP009907-PA
JHU_Ag_30024	EVTGLMSAIK	AGAP009907-PA	M6(Oxidation)	68	1.95E-06	2	1048.571	0.66	Midgut	3R:-:45188399-45188370	exon=> In CDS Exon 4 of transcript AGAP009907-PA
JHU_Ag_30367	ASALQWLTPEQTFGK	AGAP009907-PA	-	61	1.12E-05	1	1676.867	1.66	Ovary	3R:-:45188621-45188577	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_30510	SNAGEVPLDWDIGGTIENIGSK	AGAP009907-PA	-	60	1.68E-05	1	2272.114	1.99	Head	3R:-:45188759-45188694	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_32054	ELGAWPQARPIAIENYNR	AGAP009907-PA	-	63	5.68E-06	1	2098.082	-0.21	Midgut	3R:-:45186959-45186906	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_36489	YDLLVMPPSFPFGGMENPCLTFVTPTLLAGDK	AGAP009907-PA	M6(Oxidation), M15(Oxidation), C19(Carbamidomethyl)	46	0.000376461	1	3559.710	-2.85	Malpighian tubule	3R:-:45188078-45187983	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_37544	EDPNNEVLLER	AGAP009907-PA	-	80	1.34E-07	2	1327.649	0.24	Pupa	3R:-:45187467-45187435	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_38168	STISGTATLHFK	AGAP009907-PA	-	63	7.33E-06	2	1262.673	-0.56	Ovary	3R:-:45188935-45188900	exon=> In CDS Exon 2 of transcript AGAP009907-PA
JHU_Ag_42366	NFEHFWLNEGFTVFVEGK	AGAP009907-PA	-	85	4.45E-08	1	2200.049	-0.59	Midgut	3R:-:45187916-45187863	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_42608	AEEICGPYVWER	AGAP009907-PA	C5(Carbamidomethyl)	66	2.42E-06	2	1508.686	1.2	Ovary	3R:-:45188114-45188079	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_46319	ASALQWLTPEQTFGK	AGAP009907-PA	-	74	5.81E-07	2	1676.869	2.76	Malpighian tubule	3R:-:45188621-45188577	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_46395	FTYNATLR	AGAP009907-PA	N4(Deamidated)	58	1.35E-05	2	985.510	0.06	Midgut	3R:-:45188495-45188804,45188263-45188409	exon=> In CDS Exon 4 and 3 of transcript AGAP009907-PA
JHU_Ag_46522	YQSVLTNDFK	AGAP009907-PA	N7(Deamidated)	53	5.08E-05	2	1215.588	-0.86	Midgut	3R:-:45187521-45187492	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_48337	DFHALHGLSELSDCIK	AGAP009907-PA	C14(Carbamidomethyl)	119	2.06E-11	1	1841.880	-2.96	Head	3R:-:45187829-45188193,45187382-45187708	exon=> In CDS Exon 6 and 5 of transcript AGAP009907-PA
JHU_Ag_49870	LTIYLPTK	AGAP009907-PA	-	31	0.001037962	2	948.580	3.66	Ovary	3R:-:45188693-45188670	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_50020	VALLGETYGFSTTK	AGAP009907-PA	-	103	5.98E-10	1	1486.775	-2.37	Midgut	3R:-:45187127-45187086	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_51288	YLEDLLGGPSK	AGAP009907-PA	-	39	0.002069001	1	1191.629	2.48	Malpighian tubule	3R:-:45187593-45187561	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_53113	DFHALHGLSELSDCIK	AGAP009907-PA	C14(Carbamidomethyl)	93	9.12E-09	1	1841.885	0.02	Malpighian tubule	3R:-:45187829-45188193,45187382-45187708	exon=> In CDS Exon 6 and 5 of transcript AGAP009907-PA
JHU_Ag_54056	SLATVVAHEIAHSWTGNLVTNR	AGAP009907-PA	-	121	7.45E-12	1	2376.243	0.57	Ovary	3R:-:45187982-45187917	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_54225	SLATVVAHEIAHSWTGNLVTNR	AGAP009907-PA	-	122	5.41E-12	1	2376.254	5.2	Visceras	3R:-:45187982-45187917	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_54366	LTIYLPTK	AGAP009907-PA	-	39	0.000452391	2	948.576	-0.91	Salivary gland	3R:-:45188693-45188670	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_54533	TNDELTLVIAYETSPK	AGAP009907-PA	N2(Deamidated)	131	1.25E-12	2	1793.915	-0.75	Midgut	3R:-:45188669-45188622	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_54727	TQLADTPELTK	AGAP009907-PA	-	52	0.000105002	1	1216.640	-1.3	Midgut	3R:-:45187707-45187675	exon=> In CDS Exon 6 of transcript AGAP009907-PA

JHU_Ag_54911	YQSVLTNDFK	AGAP009907-PA	-	47	0.000204553	1	1214.605	-0.05	Male reproductive organs	3R:-:45187521-45187492	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_54978	SILPCQDTPAVK	AGAP009907-PA	C5(Carbamidomethyl)	49	0.000167238	2	1328.692	2.84	Ovary	3R:-:45188531-45188496	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_55568	VGSEPGVSKFQQK	AGAP009907-PA	Q12(Deamidated)	38	0.002912488	1	1391.710	-5.08	Salivary gland	3R:-:45188369-45188331	exon=> In CDS Exon 4 of transcript AGAP009907-PA
JHU_Ag_56425	SNAGEVPLDWDIGGTIENIGSK	AGAP009907-PA	-	61	1.48E-05	2	2272.120	4.89	Ovary	3R:-:45188759-45188694	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_57220	SLATVVAHEIAHSWTGNLVTNR	AGAP009907-PA	-	117	1.58E-11	1	2376.243	0.57	Pupa	3R:-:45187982-45187917	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_59101	LVVDLSECGPDDAFSTVPYIK	AGAP009907-PA	C8(Carbamidomethyl)	134	5.60E-13	1	2325.138	2.47	Ovary	3R:-:45187674-45187612	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_61640	LVVDLSECGPDDAFSTVPYIK	AGAP009907-PA	C8(Carbamidomethyl)	74	5.69E-07	2	2325.129	-1.41	Midgut	3R:-:45187674-45187612	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_66106	INWDLWLFGEGMPPVIPSYDR	AGAP009907-PA	-	66	3.77E-06	1	2505.233	2.28	Midgut	3R:-:45187434-45187713,45186831-45187296	exon=> In CDS Exon 7 and 6 of transcript AGAP009907-PA
JHU_Ag_66211	LTIYLPTK	AGAP009907-PA	-	39	0.000456965	2	948.577	0.06	Pupa	3R:-:45188693-45188670	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_68779	YQSVLTNDFK	AGAP009907-PA	-	61	9.93E-06	2	1214.611	4.37	Ovary	3R:-:45187521-45187492	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_68904	YLEDLLGGPSK	AGAP009907-PA	-	79	2.03E-07	2	1191.626	-0.08	Midgut	3R:-:45187593-45187561	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_68967	EDPNNEVLLER	AGAP009907-PA	-	67	2.66E-06	2	1327.653	2.81	Malpighian tubule	3R:-:45187467-45187435	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_69454	EDPNNEVLLER	AGAP009907-PA	-	72	7.88E-07	2	1327.651	1.8	Midgut	3R:-:45187467-45187435	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_70392	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	43	0.000543566	2	2003.054	4.51	Larva	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA
JHU_Ag_70410	QMLYEWFR	AGAP009907-PA	M2(Oxidation)	40	0.000836532	1	1188.551	0.33	Midgut	3R:-:45187491-45187468	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_74118	SNAGEVPLDWDIGGTIENIGSK	AGAP009907-PA	-	80	1.85E-07	1	2272.118	3.81	Malpighian tubule	3R:-:45188759-45188694	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_75113	DLEEVFLDVSDLTVSSVAAK	AGAP009907-PA	-	122	8.02E-12	1	2137.092	0.42	Midgut	3R:-:45188887-45188988,45188478-45188760	exon=> In CDS Exon 3 and 2 of transcript AGAP009907-PA
JHU_Ag_75503	LVVDLSECGPDDAFSTVPYIK	AGAP009907-PA	C8(Carbamidomethyl)	123	7.27E-12	1	2325.133	0.37	Malpighian tubule	3R:-:45187674-45187612	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_75751	DLGISDASA	AGAP009907-PA	-	42	0.000993545	1	848.400	-0.14	Male reproductive organs	3R:-:45186860-45186834	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_77374	YQSVLTNDFK	AGAP009907-PA	-	69	1.44E-06	1	1214.608	2.46	Malpighian tubule	3R:-:45187521-45187492	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_81145	ASALQWLTPEQTFGK	AGAP009907-PA	-	91	1.17E-08	2	1676.865	0.35	Midgut	3R:-:45188621-45188577	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_81833	DFHALHGLSELSDCIK	AGAP009907-PA	C14(Carbamidomethyl)	102	1.12E-09	1	1841.891	3.34	Midgut	3R:-:45187829-45188193,45187382-45187708	exon=> In CDS Exon 6 and 5 of transcript AGAP009907-PA
JHU_Ag_83761	SNAGEVPLDWDIGGTIENIGSK	AGAP009907-PA	-	100	1.79E-09	1	2272.102	-3.17	Midgut	3R:-:45188759-45188694	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_84768	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	65	3.98E-06	2	2003.049	2.08	Visceras	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA
JHU_Ag_86358	DFHALHGLSELSDCIK	AGAP009907-PA	C14(Carbamidomethyl)	47	0.000331258	1	1841.894	4.79	Salivary gland	3R:-:45187829-45188193,45187382-45187708	exon=> In CDS Exon 6 and 5 of transcript AGAP009907-PA

JHU_Ag_87735	TNDELTLVIAYETSPK	AGAP009907-PA	-	83	6.42E-08	2	1793.921	2.38	Ovary	3R:-:45188669-45188622	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_87860	HPYLFSQCQAIHAR	AGAP009907-PA	C8(Carbamidomethyl)	79	1.84E-07	1	1727.845	0.9	Malpighian tubule	3R:-:45188573-45188532	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_89845	FVRPVYK	AGAP009907-PA	-	29	0.003040465	1	908.535	0.05	Malpighian tubule	3R:-:45186980-45186960	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_90078	IVDLTAEK	AGAP009907-PA	-	37	0.003601743	1	888.505	0.96	Ovary	3R:-:45187151-45187128	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_91544	TQLADTPELTK	AGAP009907-PA	-	66	4.01E-06	1	1216.641	-0.8	Male reproductive organs	3R:-:45187707-45187675	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_91626	EDPNNEVLLER	AGAP009907-PA	-	60	1.17E-05	2	1327.653	3.46	Ovary	3R:-:45187467-45187435	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_93791	TNDELTLVIAYETSPK	AGAP009907-PA	-	102	7.63E-10	2	1793.924	4.08	Malpighian tubule	3R:-:45188669-45188622	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_94328	ASALQWLTPEQTFGKK	AGAP009907-PA	-	61	8.85E-06	1	1804.957	-1.23	Midgut	3R:-:45188621-45188574	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_97365	QSLVSVQLIEFLAQLLEK	AGAP009907-PA	-	122	1.09E-12	2	2058.187	0.95	Midgut	3R:-:45187211-45187158	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_98753	YLEDLLGGPSK	AGAP009907-PA	-	89	1.79E-08	1	1191.630	4.02	Ovary	3R:-:45187593-45187561	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_98914	VALLGETYGFSTTK	AGAP009907-PA	-	71	1.23E-06	2	1486.780	0.67	Ovary	3R:-:45187127-45187086	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_99868	LTIYLPTK	AGAP009907-PA	-	43	0.000161255	2	948.576	-0.46	Midgut	3R:-:45188693-45188670	exon=> In CDS Exon 3 of transcript AGAP009907-PA
JHU_Ag_100464	YLEDLLGGPSKFEPFFR	AGAP009907-PA	-	116	3.56E-11	1	2015.025	-1.21	Midgut	3R:-:45187593-45187543	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_100564	DFHALHGLSELSDCIK	AGAP009907-PA	C14(Carbamidomethyl)	116	4.12E-11	1	1841.886	0.41	Ovary	3R:-:45187829-45188193,45187382-45187708	exon=> In CDS Exon 6 and 5 of transcript AGAP009907-PA
JHU_Ag_100778	DLEEVFLDVSDLTVSSVAAK	AGAP009907-PA	-	102	9.06E-10	1	2137.097	2.87	Malpighian tubule	3R:-:45188887-45188988,45188478-45188760	exon=> In CDS Exon 3 and 2 of transcript AGAP009907-PA
JHU_Ag_100861	YLEDLLGGPSKFEPFFR	AGAP009907-PA	-	51	0.000102354	1	2015.033	2.6	Pupa	3R:-:45187593-45187543	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_101941	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	123	6.13E-12	1	2003.053	4.21	Ovary	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA
JHU_Ag_103690	VKDQMMTVCAYTVAK	AGAP009907-PA	C9(Carbamidomethyl),"M6(Oxidation), C9(Carbamidomethyl)"," M5(Oxidation), M6(Oxidation), C9(Carbamidomethyl)"	84	5.10E-08	1	1760.836	-1.11	Midgut	3R:-:45186905-45186861	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_105131	MDEILAFANSNFR	AGAP009907-PA	-	73	6.88E-07	2	1527.728	1.04	Ovary	3R:-:45187025-45186987	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_105483	AEEICGPYVWER	AGAP009907-PA	C5(Carbamidomethyl)	46	0.000254521	2	1508.688	2.5	Midgut	3R:-:45188114-45188079	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_105670	FKYQSVLTNDFK	AGAP009907-PA	-	39	0.001891585	2	1489.770	0.9	Midgut	3R:-:45187527-45187492	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_107509	HVDLDWTVNFDK	AGAP009907-PA	-	95	4.43E-09	2	1488.714	1.32	Midgut	3R:-:45188971-45188936	exon=> In CDS Exon 2 of transcript AGAP009907-PA
JHU_Ag_109116	YLEDLLGGPSKFEPFFR	AGAP009907-PA	-	107	2.59E-10	1	2015.035	3.6	Malpighian tubule	3R:-:45187593-45187543	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_109663	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	80	1.40E-07	2	2003.047	1.04	Pupa	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA

JHU_Ag_109814	KDLEEVFLDVSDLTVSSVAAK	AGAP009907-PA	-	117	1.76E-11	1	2265.185	-0.31	Midgut	3R:-:45188890-45188988,45188478-45188760	exon=> In CDS Exon 3 and 2 of transcript AGAP009907-PA
JHU_Ag_110005	DLGISDASA	AGAP009907-PA	-	39	0.002163545	1	848.399	-0.93	Midgut	3R:-:45186860-45186834	exon=> In CDS Exon 7 of transcript AGAP009907-PA
JHU_Ag_112135	SLATVVAHEIAHSWTGNLVTNR	AGAP009907-PA	-	76	1.88E-07	1	2376.245	1.19	Malpighian tubule	3R:-:45187982-45187917	exon=> In CDS Exon 5 of transcript AGAP009907-PA
JHU_Ag_117420	LSPLDPSSYSNAQELIIR	AGAP009907-PA	-	94	4.22E-09	1	2003.049	2.44	Malpighian tubule	3R:-:45189149-45189245,45188873-45188972	exon=> In CDS Exon 2 and 1 of transcript AGAP009907-PA
JHU_Ag_117683	YLEDLLGGPSKFEPFFR	AGAP009907-PA	-	81	9.86E-08	1	2015.033	2.97	Ovary	3R:-:45187593-45187543	exon=> In CDS Exon 6 of transcript AGAP009907-PA
JHU_Ag_5570	DAEVPKDILENVTNQIR	AGAP009908-PA	-	75	2.64E-07	1	1954.027	1.38	Midgut	3R:+:45190479-45190529	exon=> In CDS Exon 3 of transcript AGAP009908-PA
JHU_Ag_68187	DILENVTNQIR	AGAP009908-PA	-	37	0.002458044	2	1314.710	6.56	Midgut	3R:+:45190497-45190529	exon=> In CDS Exon 3 of transcript AGAP009908-PA
JHU_Ag_14001	FPSLLK	AGAP009910-PA,AGAP012953-PA	-	30	0.002505955	2	704.434	-0.75	Midgut	3R:-:45198914-45198897;X:-:5010766-5010749	exon=> In CDS Exon 2 of transcript AGAP009910-PA;exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_106981	MLLNLNALRLDSR	AGAP009913-PA	M1(Oxidation), N4(Deamidated), N6(Deamidated)	37	0.002932058	1	1546.804	-14.05	Ovary	3R:+:45205040-45205078	exon=> In CDS Exon 1 of transcript AGAP009913-PA
JHU_Ag_36910	VSTLNIVADLLR	AGAP009914-PA	-	77	7.17E-08	2	1313.784	3.67	Ovary	3R:-:45209882-45209847	exon=> In CDS Exon 3 of transcript AGAP009914-PA
JHU_Ag_11664	DSLER	AGAP009915-PA,AGAP000668-PA,AGAP008090-PA	-	34	0.008301733	1	619.305	0.62	Head	3R:-:45220763-45220749;X:+:11835929-11835943;3R:-:5323014-5323000	exon=> In CDS Exon 1 of transcript AGAP009915-PA;exon=> In CDS Exon 3 of transcript AGAP000668-PA;exon=> In CDS Exon 3 of transcript AGAP008090-PA
JHU_Ag_102046	QIVELK	AGAP009916-PB,AGAP009916-PA	-	36	0.003151238	2	729.454	4.76	Ovary	3R:+:45255599-45255616;3R:+:45272354-45272371	exon=> In CDS Exon 1 of transcript AGAP009916-PB;exon=> In CDS Exon 2 of transcript AGAP009916-PA
JHU_Ag_110659	QIVELK	AGAP009916-PB,AGAP009916-PA	-	34	0.005419251	1	729.451	1.02	Head	3R:+:45255599-45255616;3R:+:45272354-45272371	exon=> In CDS Exon 1 of transcript AGAP009916-PB;exon=> In CDS Exon 2 of transcript AGAP009916-PA
JHU_Ag_134	VKVAPGDNEK	AGAP009917-PA	-	41	0.000575747	1	1056.567	-1.09	Salivary gland	3R:-:45286595-45286566	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_668	VFFLIMNYDR	AGAP009917-PA	M6(Oxidation)	88	2.85E-08	2	1317.667	0.74	Salivary gland	3R:-:45287531-45287502	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_855	VLANIFPVAEGYR	AGAP009917-PA	-	108	1.38E-10	1	1448.792	1.28	Salivary gland	3R:-:45284843-45284805	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_857	ASNTISLVTVR	AGAP009917-PA	N3(Deamidated)	98	1.15E-09	2	1160.664	0.5	Salivary gland	3R:-:45286808-45286776	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_1136	ALLIYER	AGAP009917-PA	-	52	3.43E-05	1	877.515	0.55	Salivary gland	3R:-:45290186-45290166	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_1528	NNFFAVSNDDASYPWAVYDDGLLAVR	AGAP009917-PA	-	144	4.66E-14	1	2919.363	1.37	Salivary gland	3R:-:45290132-45290055	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_1737	IYDVPSAAQTVVK	AGAP009917-PA	-	118	1.74E-11	1	1390.760	1.6	Salivary gland	3R:-:45289193-45289155	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_2204	YAMRPEIK	AGAP009917-PA	M3(Oxidation)	40	0.001012087	1	1023.529	0.23	Salivary gland	3R:-:45284867-45284844	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_2409	VALLSEDGQVVDFAMHSK	AGAP009917-PA	-	49	0.000239923	1	1945.969	0.01	Malpighian tubule	3R:-:45285785-45285732	exon=> In CDS Exon 1 of transcript AGAP009917-PA

JHU_Ag_3142	EALVNLTR	AGAP009917-PA	-	62	1.18E-05	2	915.525	-0.78	Salivary gland	3R:-:45284363-45284340	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_3221	VREIIYDEIDRPIMQTK	AGAP009917-PA	M14(Oxidation)	82	7.25E-08	1	2135.122	2.43	Salivary gland	3R:-:45285149-45285099	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_3268	YIQSQPAGK	AGAP009917-PA	-	60	1.68E-05	1	991.522	1.35	Salivary gland	3R:-:45286904-45286878	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_3280	NIPFESFFGR	AGAP009917-PA	-	79	1.55E-07	1	1213.602	1.35	Salivary gland	3R:-:45288968-45288939	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_3947	GPLNNSLTEQK	AGAP009917-PA	N5(Deamidated),N4(Deamidated)	89	1.49E-08	2	1200.623	1.27	Salivary gland	3R:-:45287348-45287316	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_4832	WEMTMEDR	AGAP009917-PA	M5(Oxidation),M3(Oxidation)	34	0.001047722	2	1097.441	1.58	Salivary gland	3R:-:45288737-45288714	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_5470	FLIHTFGNGFLMCSASSIDVWTMGIK	AGAP009917-PA	N8(Deamidated), M12(Oxidation), C13(Carbamidomethyl)," M12(Oxidation), C13(Carbamidomethyl)"," N8(Deamidated), M12(Oxidation), C13(Carbamidomethyl), M23(Oxidation)","M12(Oxidation), C13(Carbamidomethyl), M23(Oxidation)","C13(Carbamidomethyl), M23(Oxidation)",C13(Carbamidomethyl)	156	3.09E-15	1	2948.418	1.02	Salivary gland	3R:-:45287807-45287730	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_5884	VVHFTYSSHGK	AGAP009917-PA	-	64	7.79E-06	1	1261.634	1.51	Salivary gland	3R:-:45284405-45284373	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_6323	REEDVCASWPLCGEK	AGAP009917-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	95	2.61E-09	1	1835.809	2.15	Salivary gland	3R:-:45288674-45288630	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_6563	IELSSGSSVSFK	AGAP009917-PA	-	92	7.63E-09	1	1240.643	0.79	Salivary gland	3R:-:45288506-45288471	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_7075	TRFEEAVPVDLNPTIYYGPDYTVILDK	AGAP009917-PA	-	39	0.001242127	1	3128.586	1.08	Head	3R:-:45288254-45288174	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_7089	TPDGGTYEYIYSESGILR	AGAP009917-PA	-	76	4.75E-07	2	2020.956	3.26	Head	3R:-:45284504-45284451	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_7434	IGNGEMVPK	AGAP009917-PA	M6(Oxidation),"N3(Deamidated), M6(Oxidation)",N3(Deamidated)	63	6.86E-06	2	960.482	0.28	Salivary gland	3R:-:45286157-45286131	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_7529	DNHYLKLPASSTLK	AGAP009917-PA	-	57	2.32E-05	1	1586.853	-0.15	Salivary gland	3R:-:45286256-45286215	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_9238	TIYANDPTENKQYQGLPGK	AGAP009917-PA	-	44	0.000627262	1	2137.060	1.99	Salivary gland	3R:-:45284957-45284901	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_9799	TNEVPESTDLIESFYGEVESNPDVR	AGAP009917-PA	-	168	1.91E-16	1	2826.294	-0.47	Salivary gland	3R:-:45284315-45284241	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_10147	VALLSEDGQVVDFAMHSK	AGAP009917-PA	M15(Oxidation)	167	3.81E-16	1	1945.971	1.21	Salivary gland	3R:-:45285785-45285732	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_11941	RVALLSEDGQVVDFAMHSK	AGAP009917-PA	M16(Oxidation)	57	3.47E-05	1	2118.065	-0.06	Salivary gland	3R:-:45285788-45285732	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_12682	MGGSWSEVHKR	AGAP009917-PA	M1(Oxidation)	62	9.10E-06	1	1273.614	2.27	Salivary gland	3R:-:45290165-45290133	exon=> In CDS Exon 1 of transcript AGAP009917-PA

JHU_Ag_12766	NSAFLQDHDYAVLK	AGAP009917-PA	N1(Deamidated)	128	3.01E-12	1	1620.802	0.44	Salivary gland	3R:-:45288896-45288855	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_15139	MEKVDQPLGAGFK	AGAP009917-PA	M1(Oxidation)	68	2.94E-06	2	1435.727	1.5	Salivary gland	3R:-:45287057-45287019	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_17041	TYSIDYEYENGKLHSLR	AGAP009917-PA	N10(Deamidated)	77	3.26E-07	1	2088.982	-2.74	Salivary gland	3R:-:45284123-45284073	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_17543	FAEEVDNISQTVVSK	AGAP009917-PA	-	100	1.61E-09	1	1665.836	1.96	Head	3R:-:45287234-45287190	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_18277	RYPHLDSVDCWSFEIDGFK	AGAP009917-PA	C10(Carbamidomethyl)	108	1.96E-10	1	2371.089	3.06	Salivary gland	3R:-:45288830-45288774	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_19199	VAPGDNEK	AGAP009917-PA	-	39	0.000789135	1	829.406	1.35	Salivary gland	3R:-:45286589-45286566	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_19755	ANAVAPLLVPQK	AGAP009917-PA	-	77	3.02E-08	1	1220.737	0.94	Salivary gland	3R:-:45289154-45289119	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_21042	QYQGLPGKEYTVLGK	AGAP009917-PA	-	83	5.05E-08	1	1680.896	0.07	Salivary gland	3R:-:45284924-45284880	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_21470	TFVYGAWENLSK	AGAP009917-PA	-	55	4.38E-05	2	1414.703	1.76	Head	3R:-:45288713-45288678	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_21997	WYLVHEESK	AGAP009917-PA	-	56	4.48E-05	1	1190.587	2.73	Salivary gland	3R:-:45288599-45288573	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_22487	YGVDKEWSFNLADVQFER	AGAP009917-PA	-	170	1.26E-16	1	2203.045	-0.15	Salivary gland	3R:-:45286310-45286257	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_24279	IVYPNRLESMLEYSDVQIDR	AGAP009917-PA	M10(Oxidation)	138	2.16E-13	1	2440.217	-0.18	Salivary gland	3R:-:45288314-45288255	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_24677	FVVLCDLK	AGAP009917-PA	C5(Carbamidomethyl)	58	1.47E-05	1	993.545	1.1	Salivary gland	3R:-:45287906-45287883	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_25429	SNVPDIVGVLNHHFMTALGR	AGAP009917-PA	M15(Oxidation)	51	9.60E-05	1	2193.131	3.32	Head	3R:-:45282992-45282933	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_26393	LADEVASYYGFEAYELNR	AGAP009917-PA	-	142	9.22E-14	1	2109.978	0.66	Salivary gland	3R:-:45286364-45286311	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_26681	GWSLPLDYISVER	AGAP009917-PA	-	80	1.59E-07	1	1534.790	0.16	Salivary gland	3R:-:45288938-45288900	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_26982	VAPGDNEKR	AGAP009917-PA	-	38	0.001494279	1	985.506	-0.54	Salivary gland	3R:-:45286589-45286563	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_29006	VSYEYDYGNLIDK	AGAP009917-PA	-	94	5.60E-09	1	1578.733	0.67	Salivary gland	3R:-:45284546-45284508	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_29310	NLLGGTDGPK	AGAP009917-PA	-	74	3.96E-07	1	971.516	0.75	Salivary gland	3R:-:45288137-45288108	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_29479	TAFVASVNAR	AGAP009917-PA	-	66	3.26E-06	2	1035.559	0.52	Salivary gland	3R:-:45285731-45285702	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_29656	LPASSTLK	AGAP009917-PA	-	47	0.000295444	1	816.484	2.33	Salivary gland	3R:-:45286238-45286215	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_29900	QTVQIPIANFDTYEYDMPTK	AGAP009917-PA	M17(Oxidation)	149	2.03E-14	1	2374.128	0.22	Salivary gland	3R:-:45287480-45287421	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_30393	LHFGQPGIK	AGAP009917-PA	-	54	1.83E-05	1	996.563	0.59	Salivary gland	3R:-:45288092-45288066	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_31015	LESMLEYSDVQIDR	AGAP009917-PA	M4(Oxidation)	128	2.57E-12	1	1713.802	0.87	Salivary gland	3R:-:45288296-45288255	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_31866	GLCLYRPVFGNDGFELVNIFDETIEDGEMR	AGAP009917-PA	C3(Carbamidomethyl), M29(Oxidation)	78	1.71E-07	1	3521.633	-0.66	Salivary gland	3R:-:45289394-45289305	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_33485	EWSFNLADVQFER	AGAP009917-PA	-	107	3.02E-10	1	1640.773	1.64	Salivary gland	3R:-:45286295-45286257	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_34108	LSFNITIKPSESHTSIDVDHVR	AGAP009917-PA	-	119	1.22E-11	1	2495.292	1.4	Salivary gland	3R:-:45285974-45285909	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_34755	LADEVASYYGFEAYELNR	AGAP009917-PA	-	96	3.60E-09	1	2109.983	3.2	Malpighian tubule	3R:-:45286364-45286311	exon=> In CDS Exon 1 of transcript AGAP009917-PA

JHU_Ag_34878	VSYEYDYGNLIDKR	AGAP009917-PA	-	115	5.46E-11	1	1734.837	1.99	Salivary gland	3R:-:45284546-45284505	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_35845	TPDGGTYEYIYSESGILR	AGAP009917-PA	-	162	1.12E-15	1	2020.952	1.15	Salivary gland	3R:-:45284504-45284451	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_36482	QINQEDRPLFK	AGAP009917-PA	-	71	1.02E-06	1	1387.733	0.04	Salivary gland	3R:-:45288377-45288345	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_36559	TIYANDPTENK	AGAP009917-PA	-	53	7.27E-05	2	1265.602	0.59	Salivary gland	3R:-:45284957-45284925	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_36616	DFLPLDDEYDR	AGAP009917-PA	-	86	2.49E-08	1	1397.624	1.12	Salivary gland	3R:-:45289655-45289623	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_36648	AQLALGR	AGAP009917-PA	-	42	0.000358252	2	728.444	3.44	Salivary gland	3R:-:45281429-45281409	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_37020	GWSLPLDYISVER	AGAP009917-PA	-	47	0.000359376	2	1534.790	-0.16	Head	3R:-:45288938-45288900	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_37135	NSAFLQDHDYAVLK	AGAP009917-PA	-	87	4.27E-08	1	1620.803	0.89	Head	3R:-:45288896-45288855	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_39107	ALFFVAK	AGAP009917-PA	-	47	7.46E-05	1	795.477	1.13	Salivary gland	3R:-:45281687-45281667	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_39978	ANAVAPLLVPQKK	AGAP009917-PA	N2(Deamidated)	97	1.93E-10	1	1348.832	0.49	Salivary gland	3R:-:45289154-45289116	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_41020	EVTVLQFTGNDWVEK	AGAP009917-PA	-	123	9.94E-12	1	1764.882	0.93	Salivary gland	3R:-:45288002-45287958	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_41147	TVDIFVANMITFR	AGAP009917-PA	M9(Oxidation)	85	4.30E-08	1	1542.799	0.6	Salivary gland	3R:-:45281468-45281430	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_42189	TFDRPFESVALR	AGAP009917-PA	-	81	1.03E-07	1	1437.749	0.47	Salivary gland	3R:-:45285551-45285516	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_43729	DVHLSSEGAMFYR	AGAP009917-PA	M10(Oxidation)	113	5.25E-11	1	1527.693	2.1	Salivary gland	3R:-:45286634-45286596	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_45265	YPHLDSVDCWSFEIDGFK	AGAP009917-PA	C9(Carbamidomethyl)	108	1.30E-10	1	2214.985	2.3	Salivary gland	3R:-:45288827-45288774	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_45333	YGAYANYYYDPLVEGK	AGAP009917-PA	-	106	2.84E-10	1	1885.868	1.93	Salivary gland	3R:-:45288572-45288525	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_45697	LAPLTHHTFHK	AGAP009917-PA	-	65	4.68E-06	1	1301.715	2.44	Salivary gland	3R:-:45283412-45283380	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_46293	FVVFRPVDSFLLK	AGAP009917-PA	-	61	2.03E-06	1	1566.907	1.63	Salivary gland	3R:-:45286754-45286716	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_46575	FSIHYNAPER	AGAP009917-PA	-	37	0.003797092	1	1233.596	-4.26	Head	3R:-:45284450-45284421	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_46577	FFEESGVFEK	AGAP009917-PA	-	68	1.71E-06	1	1218.571	2.57	Salivary gland	3R:-:45289544-45289515	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_46632	VLANIFPVAEGYR	AGAP009917-PA	-	48	0.000153465	2	1448.794	2.72	Visceras	3R:-:45284843-45284805	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_47171	LHSVVEFSSAKPSDPR	AGAP009917-PA	-	80	1.33E-07	1	1755.903	0.49	Salivary gland	3R:-:45289892-45289845	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_48998	KYVQYK	AGAP009917-PA	-	44	0.00029229	2	828.462	0.5	Salivary gland	3R:-:45288986-45288969	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_49121	VKGFVLYR	AGAP009917-PA	-	62	1.82E-06	2	981.588	0.13	Salivary gland	3R:-:45290051-45290028	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_49738	TRPFLTGGNTQEEIKLR	AGAP009917-PA	-	101	5.96E-10	1	1960.062	0.43	Salivary gland	3R:-:45284609-45284559	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_50295	HAVVYDTQTNNPQEIQVVAPR	AGAP009917-PA	-	156	3.06E-15	1	2379.211	2.21	Salivary gland	3R:-:45286967-45286905	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_51280	IWDALREK	AGAP009917-PA	-	36	0.004238105	1	1030.568	-0.02	Salivary gland	3R:-:45283343-45283320	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_51335	KFVVLCDLK	AGAP009917-PA	C6(Carbamidomethyl)	73	3.01E-07	1	1121.642	3.1	Salivary gland	3R:-:45287909-45287883	exon=> In CDS Exon 1 of transcript AGAP009917-PA

JHU_Ag_51676	SNVPDIVGVLNHHFMTALGR	AGAP009917-PA	M15(Oxidation),N11(Deamidated)	110	9.62E-11	1	2177.132	1.45	Salivary gland	3R:-:45282992-45282933	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_51979	YPMDSAASSFTLIYDYNKNGEVK	AGAP009917-PA	M3(Oxidation), N19(Deamidated),"M3(Oxidation), N17(Deamidated)"	125	3.43E-12	1	2630.203	2.48	Salivary gland	3R:-:45284072-45284004	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_51989	FDNQYQLK	AGAP009917-PA	-	57	2.50E-05	2	1055.516	-0.1	Salivary gland	3R:-:45289697-45289674	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_52453	ELATVKDFLPLDDEYDR	AGAP009917-PA	-	79	1.86E-07	1	2039.000	1.37	Salivary gland	3R:-:45289673-45289623	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_53572	NQMMESLIFDENEQVIKK	AGAP009917-PA	M3(Oxidation),"M3(Oxidation), M4(Oxidation)",M4(Oxidation)	120	1.46E-11	1	2196.073	2.35	Salivary gland	3R:-:45284204-45284151	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_53753	TIESIATVNIDGDKWDELIASGPR	AGAP009917-PA	-	167	2.69E-16	1	2600.320	-0.31	Salivary gland	3R:-:45289466-45289395	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_54187	VDQPLGAGFK	AGAP009917-PA	-	81	1.10E-07	1	1031.554	1.98	Salivary gland	3R:-:45287048-45287019	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_54889	ATFTPTEPK	AGAP009917-PA	-	42	0.001214402	1	991.509	-0.21	Salivary gland	3R:-:45286214-45286188	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_56001	VRPLKK	AGAP009917-PA	-	25	0.00084711	2	740.514	0.31	Salivary gland	3R:-:45289838-45289821	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_56418	EYISDFPLDAVISVGK	AGAP009917-PA	-	128	2.23E-12	1	1752.906	0.51	Salivary gland	3R:-:45287957-45287910	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_56692	GSTQAPTNIFTDIDK	AGAP009917-PA	-	101	1.28E-09	1	1607.790	-0.7	Salivary gland	3R:-:45287714-45287670	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_56693	QLDLEAAWMQPSSTISLVER	AGAP009917-PA	M9(Oxidation)	187	3.20E-18	1	2290.142	1.59	Salivary gland	3R:-:45289820-45289761	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_56888	KIWDALR	AGAP009917-PA	-	45	0.000338963	2	901.527	2.07	Salivary gland	3R:-:45283346-45283326	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_56980	YSYQDTFK	AGAP009917-PA	-	57	2.04E-05	1	1051.472	-0.85	Salivary gland	3R:-:45287009-45286986	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_57038	FDDANINDLLHFTTK	AGAP009917-PA	N7(Deamidated)	133	8.63E-13	1	1763.862	0.87	Salivary gland	3R:-:45289607-45289563	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_58124	LTTYTYSETYGHLIEVLPPQFHALAK	AGAP009917-PA	-	106	2.15E-10	1	2992.555	3.06	Salivary gland	3R:-:45284699-45284622	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_58530	TFVYGAWENLSK	AGAP009917-PA	-	89	1.90E-08	1	1414.699	-0.65	Salivary gland	3R:-:45288713-45288678	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_58810	VDDMLNVLMVELVNLNNQKR	AGAP009917-PA	M9(Oxidation),M4(Oxidation),"M4(Oxidation), M9(Oxidation)"	108	1.97E-10	1	2373.225	-0.75	Salivary gland	3R:-:45286130-45286071	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_60054	EYISDFPLDAVISVGK	AGAP009917-PA	-	56	2.77E-05	2	1752.921	8.66	Head	3R:-:45287957-45287910	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_60376	VPVLDGQK	AGAP009917-PA	-	45	0.000206468	1	855.494	1.12	Salivary gland	3R:-:45287567-45287544	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_60752	FDDANINDLLHFTTK	AGAP009917-PA	-	62	1.06E-05	2	1763.869	5.37	Head	3R:-:45289607-45289563	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_61033	FAEEVDNISQTVVSK	AGAP009917-PA	N7(Deamidated)	127	2.78E-12	1	1665.836	1.89	Salivary gland	3R:-:45287234-45287190	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_62900	MGRPVQVVVYDDPR	AGAP009917-PA	M1(Oxidation)	62	1.17E-05	1	1646.832	-0.29	Salivary gland	3R:-:45285200-45285159	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_62923	TRFEEAVPVDLNPTIYYGPDYTVILDK	AGAP009917-PA	-	95	2.96E-09	1	3128.591	2.72	Salivary gland	3R:-:45288254-45288174	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_63066	VPMFEFSYNADGMVETMNVR	AGAP009917-PA	M3(Oxidation)	65	3.45E-06	1	2337.043	3.6	Salivary gland	3R:-:45283979-45283920	exon=> In CDS Exon 2 of transcript AGAP009917-PA

JHU_Ag_65137	ATLCNNGLLK	AGAP009917-PA	C4(Carbamidomethyl), N5(Deamidated),C4(Carbamidomethyl),"C4(Carbamidomethyl), N6(Deamidated)"	71	1.08E-06	1	1104.573	0.78	Salivary gland	3R:-:45285845-45285816	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_65845	DFLPLDDEYDRIMFAK	AGAP009917-PA	M13(Oxidation)	69	2.08E-06	1	2003.942	-0.03	Salivary gland	3R:-:45289655-45289608	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_66030	TYSIDYEYENGK	AGAP009917-PA	N10(Deamidated)	74	2.85E-07	1	1481.644	0.59	Salivary gland	3R:-:45284123-45284088	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_66765	MTSLFTK	AGAP009917-PA	M1(Oxidation)	44	0.00030737	2	843.428	0.27	Salivary gland	3R:-:45286715-45286695	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_67298	LSFSWNGQEFNLFCSTGSSNSCNRPPK	AGAP009917-PA	C14(Carbamidomethyl), N20(Deamidated), C22(Carbamidomethyl),"N6(Deamidated), C14(Carbamidomethyl), C22(Carbamidomethyl)","C14(Carbamidomethyl), C22(Carbamidomethyl), N23(Deamidated)","C14(Carbamidomethyl), C22(Carbamidomethyl)"	127	2.06E-12	1	3121.398	2.76	Salivary gland	3R:-:45285482-45285402	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_67322	QLSMFFFHTK	AGAP009917-PA	M4(Oxidation)	67	2.64E-06	1	1301.639	3.23	Salivary gland	3R:-:45286877-45286848	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_67390	DADVKDLER	AGAP009917-PA	-	56	3.63E-05	1	1060.527	-0.31	Salivary gland	3R:-:45286445-45286419	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_69795	QTVQIPIANFDTYEYDMPTKDGDVFK	AGAP009917-PA	M17(Oxidation)	130	1.50E-12	1	3035.438	1.25	Salivary gland	3R:-:45287480-45287403	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_70502	EKLHFGQPGIK	AGAP009917-PA	-	56	1.60E-05	1	1253.701	0.47	Salivary gland	3R:-:45288098-45288066	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_70645	LDQDELR	AGAP009917-PA	-	56	4.11E-05	1	888.444	1.72	Salivary gland	3R:-:45286682-45286662	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_71359	IYDVPSAAQTVVK	AGAP009917-PA	-	34	0.004369545	2	1390.761	2.13	Head	3R:-:45289193-45289155	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_71420	IIDLGALK	AGAP009917-PA	-	54	2.05E-05	2	842.534	-1.13	Salivary gland	3R:-:45286388-45286365	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_71730	KSFAADGTDVTVR	AGAP009917-PA	-	112	1.06E-10	1	1366.697	0.82	Salivary gland	3R:-:45286511-45286473	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_72691	EVTVLQFTGNDWVEKEYISDFPLDAVISVGK	AGAP009917-PA	-	178	1.24E-17	1	3498.781	3.73	Salivary gland	3R:-:45288002-45287910	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_72922	QIDASGEAVEK	AGAP009917-PA	-	60	2.17E-05	1	1146.566	2.09	Salivary gland	3R:-:45287300-45287268	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_72965	GNLNDTEVQK	AGAP009917-PA	-	79	1.63E-07	1	1117.548	-0.38	Salivary gland	3R:-:45287852-45287823	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_73511	HAVVYDTQTNNPQEIQVVAPR	AGAP009917-PA	-	56	2.94E-05	1	2379.210	1.85	Head	3R:-:45286967-45286905	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_73849	FSIHYNAPER	AGAP009917-PA	-	78	3.18E-07	1	1233.607	4.74	Salivary gland	3R:-:45284450-45284421	exon=> In CDS Exon 2 of transcript AGAP009917-PA

JHU_Ag_74315	YDNNAQLSIALR	AGAP009917-PA	N3(Deamidated), Q6(Deamidated),"N4(Deamidated), Q6(Deamidated)",N3(Deamidated)	103	7.71E-10	1	1378.697	0.48	Salivary gland	3R:-:45289760-45289725	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_77623	RTPDGGTYEYIYSESGILR	AGAP009917-PA	-	99	2.18E-09	1	2177.052	0.64	Salivary gland	3R:-:45284507-45284451	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_77690	EYFAFYENFITQVHGTSHVMSGMVAK	AGAP009917-PA	M23(Oxidation),M20(Oxidation),"M20(Oxidation), M23(Oxidation)"	127	2.31E-12	1	2993.396	-0.09	Salivary gland	3R:-:45285071-45284994	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_78559	SIFNDFIHQHR	AGAP009917-PA	-	76	3.66E-07	1	1413.704	1.32	Salivary gland	3R:-:45283259-45283227	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_80159	QYQGLPGK	AGAP009917-PA	-	47	0.000340976	2	890.473	-0.28	Salivary gland	3R:-:45284924-45284901	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_80993	AGEVLIFITELR	AGAP009917-PA	-	91	4.05E-09	1	1360.783	-0.67	Salivary gland	3R:-:45285401-45285366	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_81367	VQLTGAK	AGAP009917-PA	-	39	0.002102041	2	716.431	1.55	Salivary gland	3R:-:45286070-45286050	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_82649	ANVYTPDTAEVR	AGAP009917-PA	-	75	4.93E-07	1	1335.656	1.65	Salivary gland	3R:-:45285881-45285846	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_84910	AHPSCEGFPYSR	AGAP009917-PA	C5(Carbamidomethyl)	75	2.01E-07	1	1407.612	0.4	Salivary gland	3R:-:45284993-45284958	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_85315	YGAYANYYYDPLVEGKGDR	AGAP009917-PA	-	98	2.03E-09	1	2214.016	0.75	Salivary gland	3R:-:45288572-45288516	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_85355	IAEFLVMYDAR	AGAP009917-PA	M7(Oxidation)	88	1.99E-08	2	1327.670	-0.92	Salivary gland	3R:-:45285257-45285225	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_86408	VRLDQDELR	AGAP009917-PA	-	64	4.76E-06	1	1143.612	0.45	Salivary gland	3R:-:45286688-45286662	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_86492	EIIYDEIDRPIMQTK	AGAP009917-PA	M12(Oxidation)	109	2.03E-10	1	1879.950	1.68	Salivary gland	3R:-:45285143-45285099	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_86731	RVPMFEFSYNADGMVETMNVR	AGAP009917-PA	M4(Oxidation)	78	2.17E-07	1	2493.141	2.03	Salivary gland	3R:-:45283982-45283920	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_88152	VSVWLEGHLLSETLIKPDSR	AGAP009917-PA	-	106	1.25E-10	1	2279.244	1.86	Salivary gland	3R:-:45285365-45285306	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_88208	QSIVERPGGAIR	AGAP009917-PA	-	58	8.23E-06	1	1282.724	1.06	Salivary gland	3R:-:45284804-45284769	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_88675	KNSAFLQDHDYAVLK	AGAP009917-PA	N2(Deamidated)	96	3.79E-09	1	1748.902	3.13	Salivary gland	3R:-:45288899-45288855	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_88752	FVYNTSVDDSK	AGAP009917-PA	-	78	1.92E-07	1	1274.588	-1.3	Salivary gland	3R:-:45285515-45285483	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_89209	ATVEDKR	AGAP009917-PA	-	59	3.22E-05	2	818.436	-0.68	Salivary gland	3R:-:45284768-45284748	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_89484	VYYSTAFSK	AGAP009917-PA	-	58	2.33E-05	1	1065.526	0.84	Salivary gland	3R:-:45289514-45289488	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_89885	IWDALR	AGAP009917-PA	-	43	0.000894473	1	773.430	-0.5	Salivary gland	3R:-:45283343-45283326	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_90344	MGGSWSEVHK	AGAP009917-PA	-	43	0.00036483	1	1117.511	1.65	Salivary gland	3R:-:45290165-45290136	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_90789	KGFLADAVTVYQNAIVIR	AGAP009917-PA	-	155	7.43E-16	1	1978.116	1.73	Salivary gland	3R:-:45287621-45287568	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_91376	QNLYSPTGK	AGAP009917-PA	-	47	0.000328245	1	1007.518	2.75	Salivary gland	3R:-:45285815-45285789	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_91651	SMKGPLNNSLTEQK	AGAP009917-PA	M2(Oxidation)	41	0.001288386	2	1562.785	0.7	Salivary gland	3R:-:45287357-45287316	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_92319	SYKQIDASGEAVEK	AGAP009917-PA	-	38	0.002769984	1	1524.759	3.11	Salivary gland	3R:-:45287309-45287268	exon=> In CDS Exon 1 of transcript AGAP009917-PA

JHU_Ag_92710	LLNAFVLDAEFSTALRK	AGAP009917-PA	-	76	1.22E-07	1	1908.060	0.72	Salivary gland	3R:-:45287669-45287619	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_93615	LADSDGFNVLLFTGANLVSVQTKPYIPR	AGAP009917-PA	-	224	1.31E-22	1	3035.623	1.04	Salivary gland	3R:-:45289277-45289194	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_93711	TSSYNYHPR	AGAP009917-PA	-	75	3.25E-07	2	1124.514	1.9	Salivary gland	3R:-:45286661-45286635	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_94836	SFAADGTDVTVR	AGAP009917-PA	-	111	1.30E-10	1	1238.600	-0.77	Salivary gland	3R:-:45286508-45286473	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_95706	NFLYVGVR	AGAP009917-PA	N1(Deamidated)	55	2.11E-05	1	967.537	0.81	Salivary gland	3R:-:45281378-45281355	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_95938	EYISDFPLDAVISVGKK	AGAP009917-PA	-	118	1.43E-11	1	1881.002	1	Salivary gland	3R:-:45287957-45287907	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_96029	LFGESADAPVASLNEAFK	AGAP009917-PA	-	156	4.00E-15	1	1865.933	2.46	Salivary gland	3R:-:45283067-45283014	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_96306	VVHFTYSSHGK	AGAP009917-PA	-	41	0.00148411	1	1261.635	1.7	Head	3R:-:45284405-45284373	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_96914	GLTMYR	AGAP009917-PA	M4(Oxidation)	39	0.000746028	1	756.374	4.25	Salivary gland	3R:-:45289562-45289545	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_97478	FEEAVPVDLNPTIYYGPDYTVILDKEFEDDR	AGAP009917-PA	-	146	2.93E-14	1	3662.746	0.88	Salivary gland	3R:-:45288248-45288156	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_98079	EVDEKFAEEVDNISQTVVSK	AGAP009917-PA	-	107	3.51E-10	1	2266.114	2.21	Salivary gland	3R:-:45287249-45287190	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_98429	TLFTAHWQK	AGAP009917-PA	-	60	1.66E-05	1	1131.595	0.05	Salivary gland	3R:-:45283757-45283731	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_99365	YPMDSAASSFTLIYDYNK	AGAP009917-PA	M3(Oxidation)	177	1.86E-17	1	2085.951	1.81	Salivary gland	3R:-:45284072-45284019	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_99533	QIDASGEAVEKK	AGAP009917-PA	-	47	0.000391773	2	1274.660	1.24	Salivary gland	3R:-:45287300-45287265	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_99604	LFGESADAPVASLNEAFKK	AGAP009917-PA	-	132	7.13E-13	1	1994.022	-0.57	Salivary gland	3R:-:45283067-45283011	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_100167	NLWIVSFWVR	AGAP009917-PA	-	67	1.44E-06	1	1319.731	3.45	Salivary gland	3R:-:45286187-45286158	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_100628	LLNAFVLDAEFSTALR	AGAP009917-PA	-	132	5.28E-13	1	1779.965	0.47	Salivary gland	3R:-:45287669-45287622	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_101078	DANGLVLMDMDMSYLASDQPPDVR	AGAP009917-PA	N3(Deamidated), M8(Oxidation),"M8(Oxidation), M10(Oxidation), M12(Oxidation)","M10(Oxidation), M12(Oxidation)","N3(Deamidated), M8(Oxidation), M10(Oxidation), M12(Oxidation)","N3(Deamidated), M12(Oxidation)","N3(Deamidated), M10(Oxidation)",M10(Oxidation),M12(Oxidation),N3(Deamidated)	156	2.51E-15	1	2653.197	1.02	Salivary gland	3R:-:45282554-45282483	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_101092	GSTQAPTNIFTDIDKLLNAFVLDAEFSTALR	AGAP009917-PA	-	107	1.38E-10	1	3368.742	1.41	Salivary gland	3R:-:45287714-45287622	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_102728	LAPLTHHTFHK	AGAP009917-PA	-	51	0.000121745	1	1301.715	3	Head	3R:-:45283412-45283380	exon=> In CDS Exon 2 of transcript AGAP009917-PA

JHU_Ag_102788	GFLADAVTVYQNAIVIR	AGAP009917-PA	N12(Deamidated)	143	2.99E-14	1	1850.018	0.55	Salivary gland	3R:-:45287618-45287568	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_102836	VDDMLNVLMVELVNLNNQK	AGAP009917-PA	M9(Oxidation),M4(Oxidation),"M4(Oxidation), M9(Oxidation)"	170	1.77E-16	1	2217.129	1.78	Salivary gland	3R:-:45286130-45286074	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_102985	YHDEYGYALSNNTILFGNIYPSAEYIGVISR	AGAP009917-PA	-	134	5.65E-13	1	3539.711	-0.13	Salivary gland	3R:-:45289985-45289893	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_103267	VLANIFPVAEGYR	AGAP009917-PA	-	58	1.53E-05	2	1448.793	1.96	Head	3R:-:45284843-45284805	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_104417	FDYKDDR	AGAP009917-PA	-	55	1.52E-05	2	958.427	0.81	Salivary gland	3R:-:45288344-45288324	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_104441	KELNELLVAAK	AGAP009917-PA	-	72	2.37E-07	2	1227.731	0.28	Salivary gland	3R:-:45290018-45289986	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_106651	VLTINHK	AGAP009917-PA	N5(Deamidated)	43	0.000100932	1	824.505	7.55	Salivary gland	3R:-:45287873-45287853	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_107089	QCLIEMKPNYGTFETFEPSYWK	AGAP009917-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M6(Oxidation)"	119	1.53E-11	1	2768.279	1.92	Salivary gland	3R:-:45285701-45285636	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_110389	TRPFLTGGNTQEEIK	AGAP009917-PA	-	37	0.003314459	2	1690.874	-1.11	Head	3R:-:45284609-45284565	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_110645	FSPLNLNFR	AGAP009917-PA	-	52	7.46E-05	2	1107.595	0.27	Salivary gland	3R:-:45285908-45285882	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_111333	ELNELLVAAK	AGAP009917-PA	-	80	1.02E-07	2	1099.636	0.42	Salivary gland	3R:-:45290015-45289986	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_111869	SHTIHALEDMLVVVLIYGSQK	AGAP009917-PA	M10(Oxidation)	108	1.04E-10	1	2353.264	2.15	Salivary gland	3R:-:45288065-45288003	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_112524	TRPFLTGGNTQEEIK	AGAP009917-PA	-	95	5.06E-09	1	1690.875	-0.47	Salivary gland	3R:-:45284609-45284565	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_113606	ESCYQIVK	AGAP009917-PA	C3(Carbamidomethyl)	41	0.000787837	2	1026.494	1.42	Salivary gland	3R:-:45284339-45284316	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_116273	TVDIFVANMITFR	AGAP009917-PA	M9(Oxidation)	70	1.48E-06	2	1542.798	-0.27	Malpighian tubule	3R:-:45281468-45281430	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_116458	YWQVGNYEHR	AGAP009917-PA	-	69	1.40E-06	1	1351.618	0.28	Salivary gland	3R:-:45284729-45284700	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_117030	EEDVCASWPLCGEK	AGAP009917-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	81	2.81E-08	2	1679.708	2.16	Salivary gland	3R:-:45288671-45288630	exon=> In CDS Exon 1 of transcript AGAP009917-PA
JHU_Ag_117428	NQMMESLIFDENEQVIK	AGAP009917-PA	M3(Oxidation),"M3(Oxidation), M4(Oxidation)",M4(Oxidation)	164	4.92E-16	1	2083.969	0.59	Salivary gland	3R:-:45284204-45284154	exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_1051	EGEVVAAYDYLPYGQIFR	AGAP009917-PA,AGAP009918-PA	-	147	2.75E-14	1	2090.023	0.11	Salivary gland	3R:-:45282374-45282321;3R:+:45299033-45299086	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_8576	LYDPDIGR	AGAP009917-PA,AGAP009918-PA	-	59	1.88E-05	2	948.480	2	Salivary gland	3R:-:45282227-45282204;3R:+:45299180-45299203	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_10929	NDKLYGVITDHEGSVR	AGAP009917-PA,AGAP009918-PA	N1(Deamidated)	122	1.06E-11	1	1802.901	-1.08	Salivary gland	3R:-:45282434-45282387;3R:+:45298973-45299020	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_13383	AQASLCLEVLK	AGAP009917-PA,AGAP009918-PA	Q2(Deamidated), C6(Carbamidomethyl),C6(Carbamidomethyl)	94	4.93E-09	1	1231.675	3.18	Salivary gland	3R:-:45283667-45283635;3R:+:45297740-45297772	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_13410	VSEIEMTDGR	AGAP009917-PA,AGAP009918-PA	M6(Oxidation)	90	1.18E-08	2	1136.526	0.46	Salivary gland	3R:-:45282680-45282651;3R:+:45298727-45298756	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA

JHU_Ag_17484	SAGDVQSYEIDANGNHR	AGAP009917-PA,AGAP009918-PA	-	132	6.16E-13	1	1832.817	0.72	Head	3R:-:45282932-45282882;3R:+:45298475-45298525	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_18867	TGYIDENNLVNR	AGAP009917-PA,AGAP009918-PA	-	91	1.27E-08	1	1407.688	0.95	Salivary gland	3R:-:45283631-45283596;3R:+:45297776-45297811	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_20164	EGEVVAAYDYLPYGQIFR	AGAP009917-PA,AGAP009918-PA	-	75	4.87E-07	2	2090.031	3.97	Head	3R:-:45282374-45282321;3R:+:45299033-45299086	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_23940	FGTDLDGQISYLYTGQEWEPETGLYNYR	AGAP009917-PA,AGAP009918-PA	-	173	4.74E-17	1	3315.512	0.05	Salivary gland	3R:-:45282317-45282234;3R:+:45299090-45299173	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_29073	KILYQYDVR	AGAP009917-PA,AGAP009918-PA	-	57	1.70E-05	1	1197.663	-0.12	Salivary gland	3R:-:45282650-45282624;3R:+:45298757-45298783	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_34466	RLALNHLSK	AGAP009917-PA,AGAP009918-PA	-	34	0.000656824	1	1051.638	1.05	Salivary gland	3R:-:45283547-45283521;3R:+:45297860-45297886	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_41415	TLYGDMNDDLPFVCGKR	AGAP009917-PA,AGAP009918-PA	M6(Oxidation), C14(Carbamidomethyl)	36	0.003251892	1	2016.913	-1.17	Salivary gland	3R:-:45283595-45283545;3R:+:45297812-45297862	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_45926	RFGTDLDGQISYLYTGQEWEPETGLYNYR	AGAP009917-PA,AGAP009918-PA	-	191	7.42E-19	1	3471.622	2.57	Salivary gland	3R:-:45282320-45282234;3R:+:45299087-45299173	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_51320	YDYDDHDQLIK	AGAP009917-PA,AGAP009918-PA	-	84	3.29E-08	1	1424.635	1.53	Head	3R:-:45283478-45283446;3R:+:45297929-45297961	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_55615	NGIYTEYLMSDNMNR	AGAP009917-PA,AGAP009918-PA	N1(Deamidated), M13(Oxidation),M13(Oxidation),M9(Oxidation),"M9(Oxidation), M13(Oxidation)","N1(Deamidated), M9(Oxidation)",N1(Deamidated),"N1(Deamidated), M9(Oxidation), M13(Oxidation)"	117	2.03E-11	1	1820.799	2.87	Salivary gland	3R:-:45283712-45283668;3R:+:45297695-45297739	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_58112	SAGDVQSYEIDANGNHR	AGAP009917-PA,AGAP009918-PA	N15(Deamidated),N13(Deamidated)	136	2.64E-13	1	1832.817	0.86	Salivary gland	3R:-:45282932-45282882;3R:+:45298475-45298525	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_61419	YFHGLEELK	AGAP009917-PA,AGAP009918-PA	-	34	0.00673022	1	1135.580	1.74	Head	3R:-:45283439-45283413;3R:+:45297968-45297994	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_62236	EKSFLTTDCTNPSLCHGR	AGAP009917-PA,AGAP009918-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	38	0.001916116	1	2122.966	0.77	Salivary gland	3R:-:45283325-45283272;3R:+:45298082-45298135	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_63016	SFLTTDCTNPSLCHGR	AGAP009917-PA,AGAP009918-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	123	4.35E-12	1	1865.832	2.81	Salivary gland	3R:-:45283319-45283272;3R:+:45298088-45298135	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_65623	YDYDDHDQLIK	AGAP009917-PA,AGAP009918-PA	-	88	1.17E-08	1	1424.634	0.5	Salivary gland	3R:-:45283478-45283446;3R:+:45297929-45297961	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_69465	VSEIEMTDGRK	AGAP009917-PA,AGAP009918-PA	M6(Oxidation)	77	3.48E-07	1	1280.617	1.52	Salivary gland	3R:-:45282680-45282648;3R:+:45298727-45298759	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA

JHU_Ag_71123	TDPTHTFQR	AGAP009917-PA,AGAP009918-PA	-	65	2.73E-06	1	1102.528	0.45	Salivary gland	3R:-:45283919-45283893;3R:+:45297488-45297514	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_72654	AQASLCLEVLKR	AGAP009917-PA,AGAP009918-PA	C6(Carbamidomethyl)	97	2.11E-09	1	1387.774	1.12	Salivary gland	3R:-:45283667-45283632;3R:+:45297740-45297775	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_74662	LYGVITDHEGSVR	AGAP009917-PA,AGAP009918-PA	-	95	4.77E-09	1	1445.738	-0.03	Salivary gland	3R:-:45282425-45282387;3R:+:45298982-45299020	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_74672	ACTNLKEEMMK	AGAP009917-PA,AGAP009918-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M10(Oxidation)","C2(Carbamidomethyl), M9(Oxidation)","C2(Carbamidomethyl), M9(Oxidation), M10(Oxidation)"	80	1.26E-07	1	1354.618	1.4	Salivary gland	3R:-:45283106-45283074;3R:+:45298301-45298333	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_76545	LEYQEGTNK	AGAP009917-PA,AGAP009918-PA	-	63	6.43E-06	1	1081.515	-1.15	Salivary gland	3R:-:45282851-45282825;3R:+:45298556-45298582	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_80415	VTSYIYK	AGAP009917-PA,AGAP009918-PA	-	41	0.001372891	2	873.473	1.62	Salivary gland	3R:-:45282482-45282462;3R:+:45298925-45298945	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_81276	SFPYQYGHR	AGAP009917-PA,AGAP009918-PA	-	65	3.90E-06	1	1154.539	0.73	Salivary gland	3R:-:45283505-45283479;3R:+:45297902-45297928	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_81366	LADNYLTESVSYLETDSYGQDSYTPIYEGLISK	AGAP009917-PA,AGAP009918-PA	-	193	5.23E-19	1	3734.748	-0.21	Salivary gland	3R:-:45283856-45283758;3R:+:45297551-45297649	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_82682	WIEGSNMILK	AGAP009917-PA,AGAP009918-PA	M7(Oxidation)	66	3.97E-06	1	1206.620	0.74	Salivary gland	3R:-:45283136-45283107;3R:+:45298271-45298300	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_83139	YRLEYQEGTNK	AGAP009917-PA,AGAP009918-PA	-	74	5.85E-07	1	1400.678	-2.12	Head	3R:-:45282857-45282825;3R:+:45298550-45298582	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_87581	YRLEYQEGTNK	AGAP009917-PA,AGAP009918-PA	-	79	1.84E-07	2	1400.681	0.32	Salivary gland	3R:-:45282857-45282825;3R:+:45298550-45298582	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_88955	ATSPLRNGIYTEYLMSDNMNR	AGAP009917-PA,AGAP009918-PA	N7(Deamidated), M15(Oxidation), M19(Oxidation)	98	2.02E-09	1	2479.130	2.83	Salivary gland	3R:-:45283730-45283668;3R:+:45297677-45297739	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_90700	ILYQYDVR	AGAP009917-PA,AGAP009918-PA	-	59	1.19E-05	2	1069.568	-0.02	Salivary gland	3R:-:45282647-45282624;3R:+:45298760-45298783	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_94081	SFPYQYGHRYDYDDHDQLIK	AGAP009917-PA,AGAP009918-PA	-	38	0.001788406	1	2560.151	-0.72	Salivary gland	3R:-:45283505-45283446;3R:+:45297902-45297961	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_99895	YFHGLEELK	AGAP009917-PA,AGAP009918-PA	-	64	6.14E-06	1	1135.578	-0.19	Salivary gland	3R:-:45283439-45283413;3R:+:45297968-45297994	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_100841	LALNHLSK	AGAP009917-PA,AGAP009918-PA	-	60	3.67E-06	1	895.536	-0.29	Salivary gland	3R:-:45283544-45283521;3R:+:45297863-45297886	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA

JHU_Ag_102696	TLYGDMNDDLPFVCGK	AGAP009917-PA,AGAP009918-PA	M6(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	143	5.23E-14	1	1844.820	0.1	Salivary gland	3R:-:45283595-45283548;3R:+:45297812-45297859	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_104291	FYQMDPK	AGAP009917-PA,AGAP009918-PA	M4(Oxidation)	44	0.000240354	2	928.425	1.88	Salivary gland	3R:-:45282203-45282183;3R:+:45299204-45299224	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_107775	LYGVITDHEGSVR	AGAP009917-PA,AGAP009918-PA	-	48	0.000244004	2	1445.740	1.15	Head	3R:-:45282425-45282387;3R:+:45298982-45299020	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_112123	NFTYNEPGFLIK	AGAP009917-PA,AGAP009918-PA	-	63	7.42E-06	1	1442.741	6.77	Salivary gland	3R:-:45283892-45283857;3R:+:45297515-45297550	exon=> In CDS Exon 2 of transcript AGAP009917-PA;exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_241	LAGVFTPQEPLMNYVISCWVR	AGAP009918-PA	M12(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	161	1.22E-15	1	2496.246	1.76	Salivary gland	3R:+:45295253-45295315	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_1125	QAIILK	AGAP009918-PA	Q1(Deamidated)	28	0.003702017	1	686.444	-1.3	Head	3R:+:45293870-45293887	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_1161	FGWYEQTIDIATGNTVR	AGAP009918-PA	Q6(Deamidated)	145	4.55E-14	1	1970.963	1.3	Salivary gland	3R:+:45294893-45294943	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_1856	LYHGILDAYVTASFTMIMVR	AGAP009918-PA	M16(Oxidation), M18(Oxidation)	47	0.000238049	1	2333.169	1.06	Salivary gland	3R:+:45299834-45299893	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_3131	LVFDISFIPSTTHGR	AGAP009918-PA	-	56	3.28E-05	3	1689.898	0.95	Head	3R:+:45295493-45295537	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_4005	LADITVATHQFIQHFTFHYSK	AGAP009918-PA	-	141	8.34E-14	1	2504.287	6.05	Salivary gland	3R:+:45292988-45293050	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_4255	DVAILQYTSDR	AGAP009918-PA	-	69	2.03E-06	1	1280.651	1.98	Salivary gland	3R:+:45293453-45293485	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_5790	TTVFSEQGMVEEFITESK	AGAP009918-PA	-	124	6.77E-12	1	2061.976	3.64	Malpighian tubule	3R:+:45295682-45295735	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_6430	DPLGGISSNK	AGAP009918-PA	N9(Deamidated)	40	0.001629638	1	988.501	6.6	Head	3R:+:45293318-45293347	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_6549	LLLHIR	AGAP009918-PA	-	43	1.35E-05	2	764.514	0.23	Salivary gland	3R:+:45293300-45293317	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_7010	IKIATGADTSR	AGAP009918-PA	-	45	0.000318737	2	1132.632	0.01	Salivary gland	3R:+:45294860-45294892	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_8074	LVFDISFIPSTTHGR	AGAP009918-PA	-	84	4.37E-08	1	1689.901	3.23	Salivary gland	3R:+:45295493-45295537	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_9311	YHDHSGYGSSR	AGAP009918-PA	-	54	1.42E-05	1	1265.530	0.21	Salivary gland	3R:+:45291440-45291472	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_9835	RTTVFSEQGMVEEFITESK	AGAP009918-PA	-	63	9.41E-06	1	2218.075	2.2	Salivary gland	3R:+:45295679-45295735	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_10140	SIDTVTPLNFDGDDQDELVYSGPK	AGAP009918-PA	-	192	8.61E-19	1	2625.222	0.8	Salivary gland	3R:+:45291959-45292030	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_10174	FSPLSMPFAANIYEPAR	AGAP009918-PA	M6(Oxidation)	133	8.84E-13	1	1926.947	2.41	Salivary gland	3R:+:45295559-45295609	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_11330	RLQGLPGK	AGAP009918-PA	-	29	0.00343683	1	868.527	-11.16	Visceras	3R:+:45296486-45296509	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_11700	DPLGGISSNK	AGAP009918-PA	N9(Deamidated)	63	7.95E-06	1	987.512	1.37	Salivary gland	3R:+:45293318-45293347	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_12214	GKECYLPCPVQSVTNCR	AGAP009918-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C16(Carbamidomethyl)	112	8.85E-11	1	2067.945	2.01	Salivary gland	3R:+:45295946-45295996	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_13553	LEIFLLQQNGEWVTVK	AGAP009918-PA	Q8(Deamidated),N9(Deamidated)	140	4.23E-14	1	1917.052	1.86	Salivary gland	3R:+:45293696-45293743	exon=> In CDS Exon 3 of transcript AGAP009918-PA

JHU_Ag_14154	IETGLDR	AGAP009918-PA	-	41	0.002540233	2	803.426	0.57	Salivary gland	3R:+:45299930-45299950	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_14853	DQQLIGFVR	AGAP009918-PA	-	77	2.18E-07	1	1075.591	1.37	Salivary gland	3R:+:45298946-45298972	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_15357	IFYSSAFSK	AGAP009918-PA	-	71	1.36E-06	1	1049.531	0.88	Salivary gland	3R:+:45291911-45291937	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_16572	ECYLPCPVQSVTNCR	AGAP009918-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C14(Carbamidomethyl)	73	4.88E-07	1	1882.829	2.2	Salivary gland	3R:+:45295952-45295996	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_17121	IGGDQMTEYLVYDQSKR	AGAP009918-PA	M6(Oxidation)	90	1.36E-08	1	2018.947	-0.71	Salivary gland	3R:+:45297194-45297244	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_17169	GSVSALLSSSGLMKR	AGAP009918-PA	M13(Oxidation)	93	5.36E-09	1	1508.812	1.24	Salivary gland	3R:+:45295610-45295654	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_17505	IVSIATGETLFDTNTTK	AGAP009918-PA	-	117	2.29E-11	1	1810.946	1.71	Salivary gland	3R:+:45294470-45294520	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_17687	TDSTETVYTLNDIKR	AGAP009918-PA	N11(Deamidated)	112	8.09E-11	1	1755.877	0.85	Salivary gland	3R:+:45293348-45293392	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_19085	AQGGREEFTMAHDSDGAVIQAEHK	AGAP009918-PA	M10(Oxidation)	157	2.48E-15	1	2584.188	1.22	Salivary gland	3R:+:45298616-45298687	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_19670	ALQIYNSHVPDIVGVLNNHFMTALGR	AGAP009918-PA	N17(Deamidated), M21(Oxidation),N6(Deamidated),M21(Oxidation)	191	6.20E-19	1	2879.505	2.17	Salivary gland	3R:+:45298397-45298474	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_19950	YPFGAGGEPFR	AGAP009918-PA	-	93	5.59E-09	1	1197.569	0.29	Salivary gland	3R:+:45297335-45297367	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_20145	AHDKDTFK	AGAP009918-PA	-	55	5.42E-05	1	961.473	-0.95	Salivary gland	3R:+:45294446-45294469	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_20399	GVEVYQWNKPDLK	AGAP009918-PA	-	99	1.72E-09	1	1575.817	0.2	Salivary gland	3R:+:45291380-45291418	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_20596	AVQLPGGAVR	AGAP009918-PA	-	66	9.20E-07	1	967.567	-0.94	Salivary gland	3R:+:45296612-45296641	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_21163	LLLHIR	AGAP009918-PA	-	31	0.000195857	2	764.514	-0.01	Head	3R:+:45293300-45293317	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_21648	DQQLIGFVR	AGAP009918-PA	-	38	0.001694986	2	1075.590	0.8	Visceras	3R:+:45298946-45298972	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_23666	DAVVFALDLSQFGMLTNQEGVLTGNHQITYDGFHWNK	AGAP009918-PA	M14(Oxidation)	156	2.58E-15	1	4182.010	1.72	Salivary gland	3R:+:45294260-45294370	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_24212	ALLIYQLSNKDYTEVFHEDDFFSLTTPNANYPWHVYEPSSLIVR	AGAP009918-PA	-	54	2.12E-05	1	5232.571	1.44	Salivary gland	3R:+:45291239-45291370	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_24551	LGDTVDIVAVDVLVEK	AGAP009918-PA	-	143	3.01E-14	1	1684.940	1.87	Salivary gland	3R:+:45295334-45295381	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_25696	DVLNIHVR	AGAP009918-PA	-	59	9.08E-06	1	965.554	1.32	Salivary gland	3R:+:45293906-45293929	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_25906	YLYNCNGK	AGAP009918-PA	C5(Carbamidomethyl), N6(Deamidated),C5(Carbamidomethyl)	41	0.000618539	1	1031.476	13.77	Salivary gland	3R:+:45295655-45295678	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_26496	NVEYNNELGLGWSFPLDYIVLDR	AGAP009918-PA	-	57	3.57E-05	1	2726.344	-0.69	Salivary gland	3R:+:45292472-45292540	exon=> In CDS Exon 2 of transcript AGAP009918-PA
JHU_Ag_26786	QLAIALR	AGAP009918-PA	-	52	2.51E-05	2	784.505	0.81	Salivary gland	3R:+:45291680-45291700	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_27004	NIWDALR	AGAP009918-PA	-	38	0.002617752	1	887.473	-0.05	Salivary gland	3R:+:45298061-45298081	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_27629	LYFFASK	AGAP009918-PA	-	46	0.000441572	1	875.467	1.23	Salivary gland	3R:+:45294587-45294607	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_28289	TPDGGIWQYLYDK	AGAP009918-PA	-	107	2.75E-10	1	1555.748	3.1	Salivary gland	3R:+:45296909-45296947	exon=> In CDS Exon 4 of transcript AGAP009918-PA

JHU_Ag_28652	VNQNLSADYR	AGAP009918-PA	-	76	3.21E-07	2	1179.574	-0.89	Salivary gland	3R:+:45294407-45294436	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_29031	TAYLYDPQDVQLSVDGIVFR	AGAP009918-PA	-	172	7.45E-17	1	2299.164	1.54	Salivary gland	3R:+:45294797-45294856	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_29085	QTQTFTSQWYLNQEDNTDTGLR	AGAP009918-PA	-	161	8.23E-16	1	2646.210	1.23	Salivary gland	3R:+:45292817-45292882	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_29308	QIVTFPDEERLNR	AGAP009918-PA	-	44	0.000682774	3	1616.839	-0.2	Salivary gland	3R:+:45294608-45294646	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_30298	LQGLPGKDYTVDGK	AGAP009918-PA	-	74	5.96E-07	1	1490.784	-0.49	Salivary gland	3R:+:45296489-45296530	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_32332	FGWYEQTIDIATGNTVRK	AGAP009918-PA	-	46	0.000313944	1	2099.065	4.27	Salivary gland	3R:+:45294893-45294946	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_32348	CKDVAILQYTSDR	AGAP009918-PA	C1(Carbamidomethyl)	95	5.47E-09	1	1568.778	2.46	Salivary gland	3R:+:45293447-45293485	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_32855	TMEITGSEANVYYGPDYAVVVDANLIDGR	AGAP009918-PA	M2(Oxidation)	113	7.64E-11	1	3148.488	3.12	Salivary gland	3R:+:45293213-45293299	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_33282	LFDFEYDQHQR	AGAP009918-PA	-	90	9.38E-09	1	1497.676	0.45	Salivary gland	3R:+:45293096-45293128	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_33380	LLLHIRDPLGGISSNK	AGAP009918-PA	-	27	0.002417318	1	1733.016	5.01	Salivary gland	3R:+:45293300-45293347	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_33623	HFTIDGYPDIGIVFNTK	AGAP009918-PA	-	151	1.36E-14	1	1936.982	0.62	Salivary gland	3R:+:45292652-45292702	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_33872	LTTIDEFPSK	AGAP009918-PA	-	63	6.81E-06	2	1150.599	-0.24	Salivary gland	3R:+:45291755-45291784	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_33890	APFLQKDVLNIHVR	AGAP009918-PA	-	38	0.000427726	1	1649.951	1.25	Salivary gland	3R:+:45293888-45293929	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_35905	FISSFEINSELR	AGAP009918-PA	-	95	4.42E-09	1	1441.735	1.77	Salivary gland	3R:+:45293786-45293821	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_36696	SIKYPFGAGGEPFR	AGAP009918-PA	-	85	4.31E-08	1	1525.783	2.22	Salivary gland	3R:+:45297326-45297367	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_37742	ACPLWPLCGSASR	AGAP009918-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	56	3.71E-05	1	1474.696	2.07	Salivary gland	3R:+:45292778-45292816	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_38100	LAETEVFFR	AGAP009918-PA	-	53	4.18E-05	2	1111.581	2.64	Malpighian tubule	3R:+:45299951-45299977	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_39121	IIYPNGAEWKPEYAQVTLNPTSLKK	AGAP009918-PA	N5(Deamidated),Q15(Deamidated),N19(Deamidated)	120	6.05E-12	1	2860.526	0.66	Salivary gland	3R:+:45293138-45293212	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_41427	ALLIYQLSNK	AGAP009918-PA	-	77	4.99E-08	2	1162.688	4.16	Salivary gland	3R:+:45291239-45291268	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_42332	TDSTETVYTLNDIK	AGAP009918-PA	-	109	1.74E-10	2	1599.775	0.35	Salivary gland	3R:+:45293348-45293389	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_43359	VIHFTYVSDDK	AGAP009918-PA	-	95	5.04E-09	1	1323.660	1.31	Salivary gland	3R:+:45297002-45297034	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_44349	AFAHGYATYDGR	AGAP009918-PA	-	88	1.56E-08	1	1328.605	2.38	Salivary gland	3R:+:45293660-45293695	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_45248	QSEKQDTSAQSDIMISDASGR	AGAP009918-PA	-	44	0.000424979	1	2254.022	-1.27	Salivary gland	3R:+:45295013-45295075	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_45798	RLLDEDTIR	AGAP009918-PA	-	55	5.09E-05	1	1130.615	-0.94	Head	3R:+:45294371-45294397	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_45805	VREILYDDIERPILQTK	AGAP009918-PA	-	83	2.04E-08	1	2101.168	1.47	Salivary gland	3R:+:45296258-45296308	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_46068	NTFLIGQIFPSQHHIGIISR	AGAP009918-PA	N1(Deamidated)	124	2.63E-12	1	2278.243	-0.94	Salivary gland	3R:+:45291473-45291532	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_46213	LYHGILDAYVTASFTMIMVR	AGAP009918-PA	M16(Oxidation), M18(Oxidation)	81	1.07E-07	1	2333.168	0.43	Malpighian tubule	3R:+:45299834-45299893	exon=> In CDS Exon 4 of transcript AGAP009918-PA

JHU_Ag_46705	LQGLPGK	AGAP009918-PA	-	34	0.000889 34	1	712.440	6	Salivary gland	3R:+:45296489-45296509	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_47500	MGGEFDMTK	AGAP009918-PA	M1(Oxidation), M7(Oxidation),M1(Oxidation),M7(Oxidation)	54	6.61E-06	1	1015.423	0.79	Salivary gland	3R:+:45299786-45299812	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_47597	TTVFSEQGMVEEFITESK	AGAP009918-PA	M9(Oxidation),"Q7(Deamidated), M9(Oxidation)"	152	9.19E-15	1	2077.965	0.77	Salivary gland	3R:+:45295682-45295735	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_48790	IGGDQMTEYLVYDQSK	AGAP009918-PA	M6(Oxidation)	90	1.26E-08	1	1862.850	1.1	Salivary gland	3R:+:45297194-45297241	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_49508	LAETEVFFR	AGAP009918-PA	-	71	8.16E-07	2	1111.580	1.65	Visceras	3R:+:45299951-45299977	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_52591	DSFVLGYR	AGAP009918-PA	-	60	8.52E-06	2	956.484	-0.14	Salivary gland	3R:+:45294041-45294064	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_52905	SEELQLTVPYYAQSQPQGSPLR	AGAP009918-PA	-	119	1.52E-11	1	2491.252	2.11	Salivary gland	3R:+:45294521-45294586	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_53116	IMTYIALHQFQTVK	AGAP009918-PA	M2(Oxidation)	105	2.43E-10	1	1692.915	0.72	Salivary gland	3R:+:45292736-45292777	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_53901	LFSESADAPVASLSEGFRK	AGAP009918-PA	-	140	1.49E-13	1	2011.022	4.14	Salivary gland	3R:+:45298340-45298396	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_54346	GIIPIAFYTFIVTLR	AGAP009918-PA	-	108	2.38E-11	1	1724.018	1.75	Salivary gland	3R:+:45300077-45300121	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_55536	LTTIDEFPSKDTDYDR	AGAP009918-PA	-	120	1.21E-11	1	1915.893	0.55	Salivary gland	3R:+:45291755-45291802	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_55641	LTLHLSR	AGAP009918-PA	-	42	0.000174 327	1	839.510	0.54	Salivary gland	3R:+:45296120-45296140	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_56473	DVKPLLQTIQQSDHK	AGAP009918-PA	-	108	1.19E-10	1	1749.952	1.36	Salivary gland	3R:+:45293051-45293095	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_56479	LITTTTDHQLSEVELRPNLPANFVVK	AGAP009918-PA	-	177	6.27E-18	1	2935.591	0.78	Salivary gland	3R:+:45293582-45293659	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_56602	ELIPIPEIIPNR	AGAP009918-PA	-	29	0.002912 187	2	1403.829	2.16	Head	3R:+:45292286-45292321	exon=> In CDS Exon 2 of transcript AGAP009918-PA
JHU_Ag_56807	GSVSALLSSSGLMK	AGAP009918-PA	M13(Oxidation)	119	1.45E-11	1	1336.717	2.2	Salivary gland	3R:+:45295610-45295651	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_56946	EEFTMAHDSDGAVIQAEHK	AGAP009918-PA	M5(Oxidation)	124	3.28E-12	1	2130.940	0.21	Salivary gland	3R:+:45298631-45298687	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_58197	INNEAHK	AGAP009918-PA	-	42	0.000724 719	2	825.422	0.3	Salivary gland	3R:+:45294197-45294217	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_58275	YNYDNANR	AGAP009918-PA	-	54	1.18E-05	2	1029.438	-0.77	Salivary gland	3R:+:45296870-45296893	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_59136	SSTSTIQLIEQLDSNK	AGAP009918-PA	-	89	1.86E-08	2	1763.903	0.66	Salivary gland	3R:+:45291632-45291679	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_59375	LFSESADAPVASLSEGFR	AGAP009918-PA	-	155	4.37E-15	1	1882.921	1.57	Salivary gland	3R:+:45298340-45298393	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_59847	TAYLYDPQDVQLSVDGIVFRK	AGAP009918-PA	-	59	1.45E-05	2	2427.252	-1.66	Salivary gland	3R:+:45294797-45294859	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_60881	LVDEMISYYGFEPYER	AGAP009918-PA	M5(Oxidation)	115	3.08E-11	1	2026.915	2.22	Salivary gland	3R:+:45295106-45295153	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_61578	RPCVIEMKPR	AGAP009918-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M7(Oxidation)"	59	2.22E-05	1	1301.683	1.18	Salivary gland	3R:+:45295763-45295792	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_62043	VNYFNEIDK	AGAP009918-PA	-	45	0.000294 993	2	1141.555	2.43	Salivary gland	3R:+:45293759-45293785	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_63082	SITTTLGR	AGAP009918-PA	-	47	0.000168 455	2	848.484	0.99	Salivary gland	3R:+:45299696-45299719	exon=> In CDS Exon 4 of transcript AGAP009918-PA

JHU_Ag_63493	DYTVDGK	AGAP009918-PA	-	43	0.000347494	1	797.370	3.16	Salivary gland	3R:+:45296510-45296530	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_63787	KWTFDK	AGAP009918-PA	-	40	0.000647424	1	824.432	1.95	Salivary gland	3R:+:45295175-45295192	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_64083	SIDTVTPLNFDGDDQDELVYSGPK	AGAP009918-PA	-	35	0.004981417	2	2625.229	3.22	Head	3R:+:45291959-45292030	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_64879	DYTEVFHEDDFFSLTTPNANYPWHVYEPSSLIVR	AGAP009918-PA	-	72	6.73E-07	1	4088.902	1.13	Salivary gland	3R:+:45291269-45291370	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_65667	QAIILK	AGAP009918-PA	Q1(Deamidated)	34	0.000923503	1	686.444	-0.5	Midgut	3R:+:45293870-45293887	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_66135	QSSAFEQDHVYSLVK	AGAP009918-PA	-	110	1.66E-10	1	1737.845	0.63	Salivary gland	3R:+:45292541-45292585	exon=> In CDS Exon 2 of transcript AGAP009918-PA
JHU_Ag_66328	FYTGFSR	AGAP009918-PA	-	43	0.000669335	2	877.422	1.5	Salivary gland	3R:+:45298529-45298549	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_66484	YGSNDKLQQELPPIYHYR	AGAP009918-PA	N4(Deamidated),Q8(Deamidated)	105	4.74E-10	1	2221.107	1.41	Salivary gland	3R:+:45296726-45296779	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_70751	KPPSLDSEWK	AGAP009918-PA	-	57	2.40E-05	1	1186.614	3.36	Salivary gland	3R:+:45291602-45291631	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_71227	KVNQNLSADYR	AGAP009918-PA	-	69	1.97E-06	2	1307.676	4.24	Salivary gland	3R:+:45294404-45294436	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_72120	EILYDDIERPILQTK	AGAP009918-PA	-	104	3.99E-10	1	1845.998	1.21	Salivary gland	3R:+:45296264-45296308	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_72499	DANGFVLMDIDMAYLTNDHPPDVR	AGAP009918-PA	M12(Oxidation)	43	0.000602481	1	2735.259	5.62	Head	3R:+:45298853-45298924	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_72722	QIVTFPDEER	AGAP009918-PA	-	47	0.000402407	1	1233.612	0.66	Salivary gland	3R:+:45294608-45294637	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_73144	SAGDVQSYEIDANGNHRK	AGAP009918-PA	N15(Deamidated),N13(Deamidated),"N13(Deamidated), N15(Deamidated)"	118	2.26E-11	1	1961.908	6.92	Salivary gland	3R:+:45298475-45298528	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_74437	SIFSDFIHQHR	AGAP009918-PA	-	70	1.48E-06	1	1386.695	2.71	Salivary gland	3R:+:45298148-45298180	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_76022	APFLQK	AGAP009918-PA	-	36	0.003739315	2	703.415	1.78	Salivary gland	3R:+:45293888-45293905	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_76181	YYDEFPLDGTITTGSAFVLLSDK	AGAP009918-PA	-	204	6.39E-20	1	2552.247	0.88	Salivary gland	3R:+:45293501-45293569	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_77404	QAIILK	AGAP009918-PA	Q1(Deamidated)	28	0.003685008	1	686.445	0.3	Larva	3R:+:45293870-45293887	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_77752	ELIPIPEIIPNR	AGAP009918-PA	-	87	3.78E-09	1	1403.827	0.68	Salivary gland	3R:+:45292286-45292321	exon=> In CDS Exon 2 of transcript AGAP009918-PA
JHU_Ag_77825	QAIILK	AGAP009918-PA	Q1(Deamidated)	31	0.001821539	1	686.444	-1.21	Pupa	3R:+:45293870-45293887	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_78805	GLTADMLGSYR	AGAP009918-PA	M6(Oxidation)	87	2.66E-08	2	1183.580	1.79	Salivary gland	3R:+:45293837-45293869	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_79617	KFYTGFSR	AGAP009918-PA	-	41	0.001546479	1	1005.515	-0.39	Salivary gland	3R:+:45298526-45298549	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_80725	DVAILQYTSDRWR	AGAP009918-PA	-	55	4.19E-05	1	1622.832	2	Salivary gland	3R:+:45293453-45293491	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_81325	IIYPNGAEWKPEYAQVTLNPTSLK	AGAP009918-PA	N5(Deamidated)	138	1.56E-13	1	2732.436	2.25	Salivary gland	3R:+:45293138-45293209	exon=> In CDS Exon 3 of transcript AGAP009918-PA

JHU_Ag_81720	DANGFVLMDIDMAYLTNDHPPDVR	AGAP009918-PA	N3(Deamidated), M8(Oxidation), M12(Oxidation),"N3(Deamidated), M12(Oxidation)","M8(Oxidation), M12(Oxidation)",M8(Oxidation),M12(Oxidation),N3(Deamidated)	131	8.91E-13	1	2735.252	3.01	Salivary gland	3R:+:45298853-45298924	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_81931	LIYDWNGNGDVISIR	AGAP009918-PA	N6(Deamidated),N8(Deamidated),"N6(Deamidated), N8(Deamidated)"	130	1.54E-12	1	1735.868	1.96	Salivary gland	3R:+:45297368-45297412	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_81973	LITTTTDHQLSEVELRPNLPANFVVK	AGAP009918-PA	-	167	6.97E-17	1	2935.592	0.9	Head	3R:+:45293582-45293659	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_82375	IATGADTSR	AGAP009918-PA	-	63	8.15E-06	1	891.455	2.22	Salivary gland	3R:+:45294866-45294892	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_82551	TAEITEFFEMYDSTLK	AGAP009918-PA	M10(Oxidation)	135	4.71E-13	1	1924.894	2.75	Salivary gland	3R:+:45296141-45296188	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_83037	RGEILIFITSLR	AGAP009918-PA	-	83	6.53E-09	1	1417.857	3.15	Salivary gland	3R:+:45296009-45296044	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_83059	KLTLHLSR	AGAP009918-PA	-	57	3.50E-06	2	967.604	-0.29	Salivary gland	3R:+:45296117-45296140	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_84338	VTYQQLSGQPVQVLEYESPDTVR	AGAP009918-PA	-	181	8.77E-18	1	2636.320	-0.08	Salivary gland	3R:+:45296189-45296257	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_85864	LAPLTYHTFHK	AGAP009918-PA	-	69	1.17E-06	1	1327.717	0.91	Salivary gland	3R:+:45297995-45298027	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_86129	GGDWSTK	AGAP009918-PA	-	44	0.000390256	2	750.342	-0.09	Salivary gland	3R:+:45299996-45300016	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_86535	IGSWNYVETIVDTTHFPTETK	AGAP009918-PA	-	148	2.54E-14	1	2438.191	1.62	Salivary gland	3R:+:45295430-45295492	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_87057	NTFLIGQIFPSQHHIGIISR	AGAP009918-PA	-	67	9.71E-07	1	2278.252	3	Head	3R:+:45291473-45291532	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_87507	LNSDVQFR	AGAP009918-PA	N2(Deamidated)	71	1.47E-06	2	978.502	1.55	Salivary gland	3R:+:45291533-45291556	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_88001	IIMMLQPTK	AGAP009918-PA	M3(Oxidation),"M3(Oxidation), M4(Oxidation)",M4(Oxidation)	67	2.37E-06	1	1090.600	-0.06	Salivary gland	3R:+:45292598-45292624	exon=> In CDS Exon 2 of transcript AGAP009918-PA
JHU_Ag_89935	LSMDNR	AGAP009918-PA	M3(Oxidation)	45	0.000204766	2	751.342	1.74	Salivary gland	3R:+:45292718-45292735	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_89950	QDTSAQSDIMISDASGR	AGAP009918-PA	M10(Oxidation)	141	8.44E-14	2	1781.799	1.12	Salivary gland	3R:+:45295025-45295075	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_90161	KAIAADGR	AGAP009918-PA	-	46	0.000544995	2	801.457	-0.72	Salivary gland	3R:+:45294944-45294967	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_90578	VAELNPSCEGYPYTHTIYGNDPTENK	AGAP009918-PA	C8(Carbamidomethyl)	104	3.88E-10	1	2969.329	0.95	Salivary gland	3R:+:45296408-45296485	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_90598	SKNIWDALR	AGAP009918-PA	-	61	1.31E-05	1	1102.600	-0.25	Salivary gland	3R:+:45298055-45298081	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_90942	KTAYLYDPQDVQLSVDGIVFR	AGAP009918-PA	-	39	0.001187987	1	2427.268	5.3	Salivary gland	3R:+:45294794-45294856	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_91318	FFMAANAK	AGAP009918-PA	M3(Oxidation)	55	2.06E-05	2	915.439	-0.44	Salivary gland	3R:+:45300032-45300055	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_94144	ILYFYDLIK	AGAP009918-PA	-	73	5.67E-07	1	1187.674	2.23	Salivary gland	3R:+:45292883-45292909	exon=> In CDS Exon 3 of transcript AGAP009918-PA

JHU_Ag_94502	FLYSLKPNDNGMR	AGAP009918-PA	N10(Deamidated), M12(Oxidation),M12(Oxidation),"N8(Deamidated), M12(Oxidation)"	76	3.23E-07	1	1554.774	0.61	Salivary gland	3R:+:45295895-45295933	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_94556	IIYPNGAEWKPEYAQVTLNPTSLK	AGAP009918-PA	-	93	3.32E-09	1	2732.442	4.6	Head	3R:+:45293138-45293209	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_94949	FGTTSYNDLLHFSTEGLMIYR	AGAP009918-PA	M18(Oxidation)	158	2.35E-15	1	2465.186	2.12	Salivary gland	3R:+:45291818-45291880	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_95669	SQNGNSFLTLSQPEHK	AGAP009918-PA	N5(Deamidated),N3(Deamidated)	111	1.23E-10	1	1786.874	1.35	Salivary gland	3R:+:45295205-45295252	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_96009	LQYTVSK	AGAP009918-PA	-	42	0.000413119	1	838.469	2.78	Salivary gland	3R:+:45291419-45291439	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_96049	VAELNPSCEGYPYTHTIYGNDPTENKR	AGAP009918-PA	C8(Carbamidomethyl)	166	2.58E-16	1	3125.430	1.01	Salivary gland	3R:+:45296408-45296488	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_96220	KSTGPHAVELNK	AGAP009918-PA	-	63	4.77E-06	1	1280.698	1.54	Salivary gland	3R:+:45294098-45294133	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_97715	KIETGLDR	AGAP009918-PA	-	52	0.000125148	2	931.522	1.67	Salivary gland	3R:+:45299927-45299950	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_98371	HPIVDLGPYR	AGAP009918-PA	-	79	9.89E-08	1	1166.631	-0.27	Salivary gland	3R:+:45295076-45295105	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_98936	VSVWLEGVVVQETLLEDVK	AGAP009918-PA	-	122	3.69E-12	1	2142.174	2.38	Salivary gland	3R:+:45296045-45296101	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_101421	RTPDGGIWQYLYDK	AGAP009918-PA	-	79	2.34E-07	1	1711.844	-0.14	Salivary gland	3R:+:45296906-45296947	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_101469	IHSNGSVFK	AGAP009918-PA	N4(Deamidated)	47	0.000323642	1	989.505	0.31	Salivary gland	3R:+:45295832-45295858	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_103796	KSAWAMESGWDNK	AGAP009918-PA	M6(Oxidation)	93	4.51E-09	1	1509.678	-1.08	Salivary gland	3R:+:45295793-45295831	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_104100	VTSYIYKDQQLIGFVR	AGAP009918-PA	-	133	4.07E-13	1	1930.046	1.42	Salivary gland	3R:+:45298925-45298972	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_104182	GEILIFITSLR	AGAP009918-PA	-	58	3.99E-06	1	1261.751	-0.39	Salivary gland	3R:+:45296012-45296044	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_105877	SIFSDFIHQHR	AGAP009918-PA	-	51	0.000115304	2	1386.696	3.51	Head	3R:+:45298148-45298180	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_106323	LLDEDTIR	AGAP009918-PA	-	67	3.94E-06	2	974.515	-0.05	Salivary gland	3R:+:45294374-45294397	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_106510	TFDETWATLAVR	AGAP009918-PA	-	111	1.24E-10	2	1409.707	0.49	Salivary gland	3R:+:45295859-45295894	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_106524	VAELNPSCEGYPYTHTIYGNDPTENK	AGAP009918-PA	C8(Carbamidomethyl)	33	0.004510514	1	2969.331	1.82	Head	3R:+:45296408-45296485	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_107541	YFLNPNVTVLGGQTLAYIDETDRK	AGAP009918-PA	-	48	0.000180808	1	2727.399	0.01	Salivary gland	3R:+:45294725-45294796	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_109307	FNNQYNLEK	AGAP009918-PA	N2(Deamidated)	57	2.54E-05	2	1169.560	1.61	Salivary gland	3R:+:45291728-45291754	exon=> In CDS Exon 1 of transcript AGAP009918-PA
JHU_Ag_109322	LGDTVDIVAVDVLVEKGEEK	AGAP009918-PA	-	147	1.44E-14	1	2128.143	2.08	Salivary gland	3R:+:45295334-45295393	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_109582	LAETEVFFR	AGAP009918-PA	-	75	3.15E-07	2	1111.580	1.98	Salivary gland	3R:+:45299951-45299977	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_110757	VGSYENR	AGAP009918-PA	-	54	4.55E-05	2	824.391	1.07	Salivary gland	3R:+:45296690-45296710	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_111145	AIGDLQR	AGAP009918-PA	-	54	6.58E-05	1	772.431	0.13	Salivary gland	3R:+:45300056-45300076	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_111188	YHLYVK	AGAP009918-PA	-	41	0.000582032	1	822.453	2.47	Salivary gland	3R:+:45294080-45294097	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_112907	HPIVDLGPYR	AGAP009918-PA	-	47	0.000165506	1	1166.632	-0.17	Head	3R:+:45295076-45295105	exon=> In CDS Exon 4 of transcript AGAP009918-PA

JHU_Ag_113147	IDIDHIR	AGAP009918-PA	-	48	0.000117119	2	881.484	-0.12	Salivary gland	3R:+:45295538-45295558	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_113151	SYSYEPHNLLLSNLFPPR	AGAP009918-PA	-	142	8.63E-14	1	2147.096	1.94	Salivary gland	3R:+:45296540-45296593	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_113274	TFFTAHWQK	AGAP009918-PA	-	66	4.10E-06	1	1165.579	0.39	Salivary gland	3R:+:45297650-45297676	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_113931	VSVWLEGVVVQETLLEDVKSDAER	AGAP009918-PA	-	145	2.80E-14	1	2700.416	2.38	Salivary gland	3R:+:45296045-45296116	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_115757	YLYNCNGKR	AGAP009918-PA	C5(Carbamidomethyl), N6(Deamidated)	52	5.98E-05	1	1188.551	4.04	Salivary gland	3R:+:45295655-45295681	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_116010	AKDETVLSEK	AGAP009918-PA	-	70	1.41E-06	1	1119.590	0.68	Salivary gland	3R:+:45298811-45298840	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_116222	STGPHAVELNK	AGAP009918-PA	-	73	6.67E-07	1	1152.603	1.75	Salivary gland	3R:+:45294101-45294133	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_116543	VIHFTYVSDDKVAR	AGAP009918-PA	-	93	6.45E-09	1	1649.866	0.83	Salivary gland	3R:+:45297002-45297043	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_117158	KGSAEWNK	AGAP009918-PA	-	45	0.000625458	2	919.466	2.78	Salivary gland	3R:+:45294173-45294196	exon=> In CDS Exon 3 of transcript AGAP009918-PA
JHU_Ag_117584	SAWAMESGWDNK	AGAP009918-PA	M5(Oxidation)	89	5.67E-09	1	1381.584	-0.21	Salivary gland	3R:+:45295796-45295831	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_117591	LQQELPPIYHYR	AGAP009918-PA	-	73	6.69E-07	1	1556.825	1.86	Salivary gland	3R:+:45296744-45296779	exon=> In CDS Exon 4 of transcript AGAP009918-PA
JHU_Ag_8154	EGEVVAAYDYLPYGQIFR	AGAP009918-PA,AGAP009917-PA	-	43	0.000824002	2	2090.019	-1.75	Visceras	3R:+:45299033-45299086;3R:-:45282374-45282321	exon=> In CDS Exon 4 of transcript AGAP009918-PA;exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_55559	SAGDVQSYEIDANGNHR	AGAP009918-PA,AGAP009917-PA	-	47	0.000140379	1	1832.790	-14	Visceras	3R:+:45298475-45298525;3R:-:45282932-45282882	exon=> In CDS Exon 4 of transcript AGAP009918-PA;exon=> In CDS Exon 2 of transcript AGAP009917-PA
JHU_Ag_15777	SEVTLYVNR	AGAP009919-PA	-	61	9.22E-06	2	1080.568	-0.47	Salivary gland	3R:-:45305097-45305071	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_19795	IQFLEDVK	AGAP009919-PA	-	48	0.000194251	2	991.549	3.23	Larva	3R:-:45304935-45304912	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_28428	YNQMDSGEDAQEEFGWK	AGAP009919-PA	M4(Oxidation)	141	1.24E-14	1	2049.813	-0.06	Midgut	3R:-:45304239-45304189	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_35785	SEVTLYVNR	AGAP009919-PA	-	60	1.13E-05	2	1080.569	0.2	Midgut	3R:-:45305097-45305071	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_45994	RHPDGEEGCITNPNYNR	AGAP009919-PA	C9(Carbamidomethyl)	66	1.87E-06	2	2028.899	2.5	Midgut	3R:-:45304713-45304663	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_47507	SLEHPVR	AGAP009919-PA	-	33	0.002721774	1	837.461	3.49	Malpighian tubule	3R:-:45303566-45303546	exon=> In CDS Exon 4 of transcript AGAP009919-PA
JHU_Ag_68837	IQFLEDVK	AGAP009919-PA	-	35	0.003657094	1	991.546	0.16	Midgut	3R:-:45304935-45304912	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_97492	IQFLEDVK	AGAP009919-PA	-	42	0.000726872	2	991.544	-1.88	Salivary gland	3R:-:45304935-45304912	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_103695	YNQMDSGEDAQEEFGWK	AGAP009919-PA	M4(Oxidation)	61	1.28E-06	2	2049.813	-0.3	Salivary gland	3R:-:45304239-45304189	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_105060	LMVLKK	AGAP009919-PA	M2(Oxidation)	27	0.002213095	1	747.475	-5.76	Ovary	3R:-:45304854-45304837	exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_6223	SCVGIWSCKR	AGAP009920-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	50	0.000132609	1	1252.594	1.26	Malpighian tubule	3R:+:45307834-45307863	exon=> In CDS Exon 3 of transcript AGAP009920-PA
JHU_Ag_9736	VVAGGAWVYSTTAAASVR	AGAP009920-PA	-	84	4.96E-08	2	1765.927	2.02	Visceras	3R:+:45307873-45307926	exon=> In CDS Exon 3 of transcript AGAP009920-PA
JHU_Ag_23270	SCVGIWSCK	AGAP009920-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	36	0.002305621	2	1096.495	2.82	Malpighian tubule	3R:+:45307834-45307860	exon=> In CDS Exon 3 of transcript AGAP009920-PA

JHU_Ag_38447	SCVGIWSCK	AGAP009920-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	34	0.003206846	1	1096.492	0.66	Midgut	3R:+:45307834-45307860	exon=> In CDS Exon 3 of transcript AGAP009920-PA
JHU_Ag_46552	KVGIVGK	AGAP009920-PA	-	48	4.48E-05	2	700.473	2.23	Ovary	3R:+:45307628-45307648	exon=> In CDS Exon 2 of transcript AGAP009920-PA
JHU_Ag_69091	VVAGGAWVYSTTAAASVR	AGAP009920-PA	-	54	4.82E-05	2	1765.928	2.71	Pupa	3R:+:45307873-45307926	exon=> In CDS Exon 3 of transcript AGAP009920-PA
JHU_Ag_81615	SCVGIWSCK	AGAP009920-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	66	2.33E-06	1	1096.492	0.93	Salivary gland	3R:+:45307834-45307860	exon=> In CDS Exon 3 of transcript AGAP009920-PA
JHU_Ag_82771	YTCTFCGK	AGAP009920-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	32	0.001539026	1	1036.424	1.22	Midgut	3R:+:45307718-45307741	exon=> In CDS Exon 2 of transcript AGAP009920-PA
JHU_Ag_88085	SCVGIWSCK	AGAP009920-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	34	0.003303438	1	1096.491	-0.18	Ovary	3R:+:45307834-45307860	exon=> In CDS Exon 3 of transcript AGAP009920-PA
JHU_Ag_98756	VVAGGAWVYSTTAAASVR	AGAP009920-PA	-	74	5.11E-07	2	1765.934	5.96	Ovary	3R:+:45307873-45307926	exon=> In CDS Exon 3 of transcript AGAP009920-PA
JHU_Ag_714	LAATNALHNSLEFTK	AGAP009921-PA	-	33	0.007125309	1	1629.859	-0.17	Ovary	3R:-:45323228-45323184	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_2396	NSPQDCYVSVQR	AGAP009921-PA	C6(Carbamidomethyl)	74	4.13E-07	1	1452.655	0.99	Salivary gland	3R:-:45322196-45322161	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_4653	LTHQEEFDDEDDWNPAK	AGAP009921-PA	-	73	2.02E-07	1	2088.879	0.32	Salivary gland	3R:-:45322814-45322764	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_9209	ICEVIPEVAIK	AGAP009921-PA	C2(Carbamidomethyl)	53	4.69E-05	2	1270.708	0.64	Ovary	3R:-:45322499-45322467	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_14175	LTHQEEFDDEDDWNPAK	AGAP009921-PA	-	100	4.14E-10	1	2088.878	-0.11	Ovary	3R:-:45322814-45322764	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_15007	ALSDVLVYPGNSTVAR	AGAP009921-PA	-	61	8.60E-06	2	1661.889	1.84	Head	3R:-:45323765-45323718	exon=> In CDS Exon 2 of transcript AGAP009921-PA
JHU_Ag_15763	ALSDVLVYPGNSTVAR	AGAP009921-PA	-	56	2.47E-05	1	1661.887	0.81	Ovary	3R:-:45323765-45323718	exon=> In CDS Exon 2 of transcript AGAP009921-PA
JHU_Ag_17406	ESVLEAYTGIVQGLK	AGAP009921-PA	-	70	9.79E-07	2	1606.871	1.5	Salivary gland	3R:-:45321518-45321474	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_19740	SSAYEALMEMVK	AGAP009921-PA	M8(Oxidation), M10(Oxidation)	47	0.000179736	2	1390.626	2.3	Malpighian tubule	3R:-:45322232-45322197	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_24666	TVSPDQDELLAAK	AGAP009921-PA	-	49	0.000190254	2	1386.713	1.27	Head	3R:-:45324834-45324876,45323598-45323814	exon=> In CDS Exon 2 and 1 of transcript AGAP009921-PA
JHU_Ag_25761	ICEVIPEVAIK	AGAP009921-PA	C2(Carbamidomethyl)	51	6.83E-05	1	1270.709	0.93	Salivary gland	3R:-:45322499-45322467	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_27348	SVKPQILTVFGDMALGIGPDFKK	AGAP009921-PA	M13(Oxidation)	44	0.000168831	1	2477.358	4.21	Malpighian tubule	3R:-:45321683-45321615	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_28270	ESVLEAYTGIVQGLK	AGAP009921-PA	-	91	6.27E-09	2	1606.876	4.69	Male reproductive organs	3R:-:45321518-45321474	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_28340	ALLNGLK	AGAP009921-PA	-	30	0.003192429	1	728.467	0	Male reproductive organs	3R:-:45322439-45322419	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_29100	SVKPQILTVFGDMALGIGPDFKK	AGAP009921-PA	M13(Oxidation)	101	3.58E-10	1	2477.351	1.33	Ovary	3R:-:45321683-45321615	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_29903	GALQYLVPVLMEK	AGAP009921-PA	M11(Oxidation)	48	0.000149282	1	1476.815	1.17	Male reproductive organs	3R:-:45322853-45322815	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_30679	LVDNVVNEK	AGAP009921-PA	-	54	5.00E-05	2	1029.560	2.72	Malpighian tubule	3R:-:45323405-45323379	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_32257	ICEVIPEVAIKEVYLEPLLK	AGAP009921-PA	C2(Carbamidomethyl)	90	2.02E-09	1	2355.336	5.03	Ovary	3R:-:45322499-45322440	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_41388	ESVLEAYTGIVQGLK	AGAP009921-PA	-	82	5.51E-08	2	1606.876	4.31	Head	3R:-:45321518-45321474	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_52343	LVDNVVNEK	AGAP009921-PA	-	45	0.000462493	2	1029.560	2.01	Male reproductive organs	3R:-:45323405-45323379	exon=> In CDS Exon 3 of transcript AGAP009921-PA

JHU_Ag_55700	NFLEQAASTNLADFLR	AGAP009921-PA	-	99	1.71E-09	2	1809.924	5.97	Salivary gland	3R:-:45323813-45323766	exon=> In CDS Exon 2 of transcript AGAP009921-PA
JHU_Ag_61729	LAATNALHNSLEFTK	AGAP009921-PA	-	95	4.04E-09	1	1629.866	4.18	Malpighian tubule	3R:-:45323228-45323184	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_62526	LAATNALHNSLEFTK	AGAP009921-PA	-	73	6.77E-07	1	1629.861	0.74	Salivary gland	3R:-:45323228-45323184	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_63680	ICEVIPEVAIK	AGAP009921-PA	C2(Carbamidomethyl)	51	6.94E-05	1	1270.708	0.26	Midgut	3R:-:45322499-45322467	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_65053	SSAYEALMEMVK	AGAP009921-PA	M8(Oxidation), M10(Oxidation)	78	1.76E-07	2	1358.635	1.43	Ovary	3R:-:45322232-45322197	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_65276	SSAYEALMEMVK	AGAP009921-PA	M8(Oxidation), M10(Oxidation)	38	0.001606244	2	1390.621	-1.21	Midgut	3R:-:45322232-45322197	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_65360	LTHQEEFDDEDDWNPAK	AGAP009921-PA	-	107	8.44E-11	1	2088.886	3.74	Malpighian tubule	3R:-:45322814-45322764	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_67458	TVSPDQDELLAAK	AGAP009921-PA	-	37	0.002912747	2	1386.710	-0.84	Midgut	3R:-:45324834-45324876,45323598-45323814	exon=> In CDS Exon 2 and 1 of transcript AGAP009921-PA
JHU_Ag_69690	HQFNDLQSLLCASLQSVLR	AGAP009921-PA	C11(Carbamidomethyl)	91	1.08E-08	1	2229.156	4.96	Ovary	3R:-:45322085-45322029	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_74729	DTCAWTFGR	AGAP009921-PA	C3(Carbamidomethyl)	50	5.37E-05	2	1113.479	0.5	Male reproductive organs	3R:-:45322526-45322500	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_77904	ALSDVLVYPGNSTVAR	AGAP009921-PA	-	37	0.002287844	1	1661.888	1.18	Salivary gland	3R:-:45323765-45323718	exon=> In CDS Exon 2 of transcript AGAP009921-PA
JHU_Ag_79180	NSPQDCYVSVQR	AGAP009921-PA	C6(Carbamidomethyl)	65	3.44E-06	2	1452.653	-0.27	Ovary	3R:-:45322196-45322161	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_79839	DTCAWTFGR	AGAP009921-PA	C3(Carbamidomethyl)	56	1.23E-05	2	1113.479	0.61	Salivary gland	3R:-:45322526-45322500	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_89043	ICEVIPEVAIKEVYLEPLLK	AGAP009921-PA	C2(Carbamidomethyl)	96	5.27E-10	1	2355.339	6.19	Malpighian tubule	3R:-:45322499-45322440	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_94990	TTMVILER	AGAP009921-PA	-	54	4.11E-05	2	962.537	3.62	Malpighian tubule	3R:-:45322160-45322137	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_97984	LTHQEEFDDEDDWNPAK	AGAP009921-PA	-	46	0.000109799	2	2088.880	1.06	Midgut	3R:-:45322814-45322764	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_99173	ICEVIPEVAIK	AGAP009921-PA	C2(Carbamidomethyl)	39	0.00103391	1	1270.716	6.41	Male reproductive organs	3R:-:45322499-45322467	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_99372	NFLEQAASTNLADFLR	AGAP009921-PA	-	112	8.94E-11	2	1809.916	1.52	Ovary	3R:-:45323813-45323766	exon=> In CDS Exon 2 of transcript AGAP009921-PA
JHU_Ag_100636	GALQYLVPVLMEK	AGAP009921-PA	M11(Oxidation)	86	1.59E-08	1	1460.820	0.96	Ovary	3R:-:45322853-45322815	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_102339	TVSPDQDELLAAK	AGAP009921-PA	-	58	1.84E-05	2	1386.712	0.57	Ovary	3R:-:45324834-45324876,45323598-45323814	exon=> In CDS Exon 2 and 1 of transcript AGAP009921-PA
JHU_Ag_104921	GALQYLVPVLMEK	AGAP009921-PA	M11(Oxidation)	94	2.33E-09	2	1460.829	7.48	Malpighian tubule	3R:-:45322853-45322815	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_107435	SHQEYQVCCTAVGLAGDICR	AGAP009921-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), C19(Carbamidomethyl)	53	4.44E-05	1	2324.023	0.67	Ovary	3R:-:45321827-45321768	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_108733	NSPQDCYVSVQR	AGAP009921-PA	C6(Carbamidomethyl)	61	8.71E-06	2	1452.658	3.17	Malpighian tubule	3R:-:45322196-45322161	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_109846	GALQYLVPVLMEK	AGAP009921-PA	-	45	0.000263688	2	1460.817	-1.13	Midgut	3R:-:45322853-45322815	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_113601	ALSDVLVYPGNSTVAR	AGAP009921-PA	-	58	1.80E-05	2	1661.886	0.3	Midgut	3R:-:45323765-45323718	exon=> In CDS Exon 2 of transcript AGAP009921-PA
JHU_Ag_115115	ALSDVLVYPGNSTVAR	AGAP009921-PA	-	48	0.000156472	2	1661.898	7.57	Malpighian tubule	3R:-:45323765-45323718	exon=> In CDS Exon 2 of transcript AGAP009921-PA

JHU_Ag_116451	ESVLEAYTGIVQGLK	AGAP009921-PA	-	85	2.47E-08	2	1606.873	2.64	Ovary	3R:-:45321518-45321474	exon=> In CDS Exon 3 of transcript AGAP009921-PA
JHU_Ag_41754	VLDALQR	AGAP009922-PA	-	53	6.62E-05	2	814.478	0.11	Midgut	3R:-:45326885-45326865	exon=> In CDS Exon 2 of transcript AGAP009922-PA
JHU_Ag_56234	TIVDILNQVER	AGAP009922-PA	-	60	1.01E-05	2	1299.730	2.62	Head	3R:-:45326305-45326273	exon=> In CDS Exon 3 of transcript AGAP009922-PA
JHU_Ag_58542	TIVDILNQVER	AGAP009922-PA	-	67	2.47E-06	1	1299.728	0.64	Midgut	3R:-:45326305-45326273	exon=> In CDS Exon 3 of transcript AGAP009922-PA
JHU_Ag_85750	MAGNIVKWWK	AGAP009925-PA	M1(Oxidation), N4(Deamidated)	44	0.000576409	1	1249.622	-14.06	Malpighian tubule	3R:+:45349133-45349162	exon=> In CDS Exon 1 of transcript AGAP009925-PA
JHU_Ag_17965	LSFVYDIDQLVR	AGAP009926-PA	-	52	6.76E-05	2	1467.790	3.89	Head	3R:+:45397354-45397389	exon=> In CDS Exon 3 of transcript AGAP009926-PA
JHU_Ag_55394	LSFVYDIDQLVR	AGAP009926-PA	-	76	2.42E-07	1	1467.787	2.14	Ovary	3R:+:45397354-45397389	exon=> In CDS Exon 3 of transcript AGAP009926-PA
JHU_Ag_63309	DSASLLVLAR	AGAP009926-PA	-	47	0.000218487	2	1044.607	1.7	Malpighian tubule	3R:+:45396490-45396519	exon=> In CDS Exon 1 of transcript AGAP009926-PA
JHU_Ag_66543	LSFVYDIDQLVR	AGAP009926-PA	-	75	2.97E-07	2	1467.795	7.21	Malpighian tubule	3R:+:45397354-45397389	exon=> In CDS Exon 3 of transcript AGAP009926-PA
JHU_Ag_27148	LLDPLGLSFEIR	AGAP009928-PA	-	66	1.77E-06	2	1372.788	3.52	Head	3R:+:45412732-45412767	exon=> In CDS Exon 4 of transcript AGAP009928-PA
JHU_Ag_101904	ITANSPQDLDEVAR	AGAP009928-PA	-	93	8.37E-09	2	1528.766	4.03	Malpighian tubule	3R:+:45405160-45405201	exon=> In CDS Exon 1 of transcript AGAP009928-PA
JHU_Ag_117567	ITANSPQDLDEVAR	AGAP009928-PA	-	74	6.50E-07	1	1528.762	1.07	Ovary	3R:+:45405160-45405201	exon=> In CDS Exon 1 of transcript AGAP009928-PA
JHU_Ag_3630	FYALQILEEVIK	AGAP009929-PA	-	31	0.003129339	2	1465.834	2.65	Midgut	3R:-:45421448-45421413	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_7186	TNETLCQNNMIILK	AGAP009929-PA	C6(Carbamidomethyl), M10(Oxidation)	38	0.002786096	2	1707.845	2.37	Ovary	3R:-:45421202-45421161	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_9864	ETLVYLTHLDYADTER	AGAP009929-PA	-	100	1.76E-09	1	1938.944	-0.39	Ovary	3R:-:45420350-45420303	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_12768	LIDMLVCR	AGAP009929-PA	C7(Carbamidomethyl)	58	2.28E-05	2	1019.537	-0.71	Ovary	3R:-:45420941-45420918	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_16131	LDEANQLLDFSK	AGAP009929-PA	-	87	3.74E-08	2	1392.707	4.39	Larva	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_16595	IFVTGLFNLDQDVHAFK	AGAP009929-PA	-	56	2.77E-05	1	1964.034	3.34	Ovary	3R:-:45418270-45418220	exon=> In CDS Exon 6 of transcript AGAP009929-PA
JHU_Ag_21214	EPLVLSTMASIVNR	AGAP009929-PA	M8(Oxidation)	62	6.28E-06	2	1545.839	5.15	Malpighian tubule	3R:-:45418971-45418930	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_21783	LLSEEVFDFCSGQITQTK	AGAP009929-PA	C10(Carbamidomethyl)	63	7.71E-06	1	2102.015	1.81	Ovary	3R:-:45421160-45421107	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_24047	LDEANQLLDFSK	AGAP009929-PA	-	110	1.38E-10	2	1392.709	6.05	Malpighian tubule	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_25494	LNIILVQILK	AGAP009929-PA	-	40	1.63E-05	2	1166.787	-0.53	Head	3R:-:45421289-45421260	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_25992	LNIILVQILK	AGAP009929-PA	-	55	2.87E-07	2	1166.792	4.08	Larva	3R:-:45421289-45421260	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_30302	NVDILKDMGAVK	AGAP009929-PA	M8(Oxidation)	67	2.93E-06	1	1318.708	3.66	Malpighian tubule	3R:-:45419435-45419400	exon=> In CDS Exon 4 of transcript AGAP009929-PA
JHU_Ag_30608	VDSILEFSQNQQTK	AGAP009929-PA	-	76	4.41E-07	1	1636.824	3.91	Ovary	3R:-:45421490-45421449	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_34004	LAQTVLTTLK	AGAP009929-PA	-	50	1.61E-05	2	1087.673	0.32	Ovary	3R:-:45421544-45421515	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_34939	EVTGEDDSDLYLEER	AGAP009929-PA	-	113	3.43E-11	2	1769.773	1.11	Ovary	3R:-:45418123-45418079	exon=> In CDS Exon 7 of transcript AGAP009929-PA
JHU_Ag_35727	SAFSHLTGNQIK	AGAP009929-PA	-	61	1.40E-05	1	1302.681	0.64	Ovary	3R:-:45418306-45418271	exon=> In CDS Exon 6 of transcript AGAP009929-PA

JHU_Ag_36633	IMTDKLNNQVNGSEFSWK	AGAP009929-PA	M2(Oxidation)	56	3.65E-05	1	2127.022	1.86	Ovary	3R:-:45420302-45420249	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_39724	LDEANQLLDFSK	AGAP009929-PA	-	85	4.62E-08	2	1392.702	0.79	Pupa	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_39734	IYLDMLNVYK	AGAP009929-PA	-	47	0.000284942	1	1271.673	1.63	Ovary	3R:-:45419321-45419292	exon=> In CDS Exon 4 of transcript AGAP009929-PA
JHU_Ag_40323	IFDALFDCTLDMINK	AGAP009929-PA	C8(Carbamidomethyl), M12(Oxidation)	90	1.38E-08	1	1831.866	2.7	Ovary	3R:-:45418896-45418852	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_49736	LQAVITPEIPK	AGAP009929-PA	-	61	1.14E-06	2	1208.725	-0.35	Ovary	3R:-:45418929-45418897	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_51245	LNIILVQILK	AGAP009929-PA	-	82	5.81E-10	2	1166.792	3.76	Ovary	3R:-:45421289-45421260	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_56480	LQAVITPEIPK	AGAP009929-PA	-	31	0.000896175	2	1208.735	7.93	Midgut	3R:-:45418929-45418897	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_62931	AFLSIPPEQFK	AGAP009929-PA	-	35	0.003666696	2	1276.695	0.66	Ovary	3R:-:45418776-45418744	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_70340	YVVGLIIK	AGAP009929-PA	-	20	0.002734891	2	904.588	0.95	Malpighian tubule	3R:-:45421364-45421341	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_70909	LAQTVLTTLK	AGAP009929-PA	-	38	0.000252609	2	1087.669	-2.82	Midgut	3R:-:45421544-45421515	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_70955	ALGHSYVSQLGR	AGAP009929-PA	-	67	2.70E-06	1	1287.681	0.77	Ovary	3R:-:45419357-45419322	exon=> In CDS Exon 4 of transcript AGAP009929-PA
JHU_Ag_71886	LAQTVLTTLK	AGAP009929-PA	-	37	0.000311258	2	1087.672	-0.35	Pupa	3R:-:45421544-45421515	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_73485	VDSILEFSQNQQTK	AGAP009929-PA	-	75	6.09E-07	1	1636.806	-7.36	Male reproductive organs	3R:-:45421490-45421449	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_73982	LQAVITPEIPK	AGAP009929-PA	-	35	0.000488796	2	1208.728	2.78	Salivary gland	3R:-:45418929-45418897	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_74688	NFEDYPQHR	AGAP009929-PA	-	45	0.000279767	2	1205.534	0.55	Ovary	3R:-:45418851-45418825	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_80668	LDEANQLLDFSK	AGAP009929-PA	-	51	0.000129216	2	1392.712	7.98	Head	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_85020	FLVTVIK	AGAP009929-PA	-	40	5.60E-05	2	819.533	-0.48	Ovary	3R:-:45420179-45420159	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_85857	AIIASNIMYVVGQYPR	AGAP009929-PA	M8(Oxidation)	37	0.001968985	1	1810.957	2.55	Malpighian tubule	3R:-:45420030-45419983	exon=> In CDS Exon 2 of transcript AGAP009929-PA
JHU_Ag_86658	LQAVITPEIPK	AGAP009929-PA	-	40	0.000135322	2	1208.725	-0.35	Male reproductive organs	3R:-:45418929-45418897	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_88021	KLDIDLLDNIVSCLYNSTGEQLR	AGAP009929-PA	C13(Carbamidomethyl)	41	0.000781131	3	2679.381	5.57	Malpighian tubule	3R:-:45421613-45421545	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_89617	LNIILVQILK	AGAP009929-PA	-	37	2.12E-05	2	1166.796	7.42	Salivary gland	3R:-:45421289-45421260	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_89715	ALGHSYVSQLGR	AGAP009929-PA	-	67	2.92E-06	1	1287.681	0.2	Malpighian tubule	3R:-:45419357-45419322	exon=> In CDS Exon 4 of transcript AGAP009929-PA
JHU_Ag_89825	EPLVLSTMASIVNR	AGAP009929-PA	M8(Oxidation)	90	1.15E-08	2	1545.834	1.99	Ovary	3R:-:45418971-45418930	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_90743	LLSEEVFDFCSGQITQTK	AGAP009929-PA	C10(Carbamidomethyl)	83	7.13E-08	2	2102.023	5.53	Malpighian tubule	3R:-:45421160-45421107	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_93275	LDEANQLLDFSK	AGAP009929-PA	-	105	4.39E-10	2	1392.701	0.01	Male reproductive organs	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_96940	AIPMIRLDEANQLLDFSK	AGAP009929-PA	N-Term(Acetyl), M4(Oxidation)	51	8.67E-05	1	2132.115	4.48	Malpighian tubule	3R:-:45421667-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_99739	LVFDSIVWAFK	AGAP009929-PA	-	80	7.11E-08	2	1324.730	0.07	Ovary	3R:-:45418743-45418711	exon=> In CDS Exon 5 of transcript AGAP009929-PA
JHU_Ag_101561	LDEANQLLDFSK	AGAP009929-PA	-	116	4.06E-11	2	1392.702	0.71	Ovary	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA

JHU_Ag_102367	LAQTVLTTLK	AGAP009929-PA	-	48	2.58E-05	2	1087.675	2.23	Male reproductive organs	3R:-:45421544-45421515	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_104828	MAKPEEVLVVENENGEVVR	AGAP009929-PA	M1(Oxidation)	73	6.87E-07	1	2157.088	0.99	Ovary	3R:-:45420455-45420399	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_105498	YMMLPNQVWDDIISQATK	AGAP009929-PA	M2(Oxidation), M3(Oxidation)	115	4.63E-11	1	2185.029	-0.64	Ovary	3R:-:45419582-45419663,45419091-45419436	exon=> In CDS Exon 4 and 3 of transcript AGAP009929-PA
JHU_Ag_108127	SAFSHLTGNQIK	AGAP009929-PA	-	70	1.96E-06	1	1302.682	1.48	Head	3R:-:45418306-45418271	exon=> In CDS Exon 6 of transcript AGAP009929-PA
JHU_Ag_110410	AIIASNIMYVVGQYPR	AGAP009929-PA	M8(Oxidation)	83	4.56E-08	2	1810.953	0.53	Ovary	3R:-:45420030-45419983	exon=> In CDS Exon 2 of transcript AGAP009929-PA
JHU_Ag_110921	LDEANQLLDFSK	AGAP009929-PA	-	61	1.17E-05	2	1392.703	1.67	Salivary gland	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_115379	LDEANQLLDFSK	AGAP009929-PA	-	85	5.09E-08	2	1392.700	-0.17	Midgut	3R:-:45421649-45421614	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_116321	FYALQILEEVIK	AGAP009929-PA	-	85	1.16E-08	1	1465.837	4.65	Ovary	3R:-:45421448-45421413	exon=> In CDS Exon 1 of transcript AGAP009929-PA
JHU_Ag_575	NVDILK	AGAP009929-PA,AGAP004935-PA	-	43	0.000561603	1	701.419	0.17	Ovary	3R:-:45419435-45419418;2L:+:6205351-6205368	exon=> In CDS Exon 4 of transcript AGAP009929-PA;exon=> In CDS Exon 1 of transcript AGAP004935-PA
JHU_Ag_114566	FQQGLR	AGAP009930-PA	Q2(Deamidated)	42	0.00098748	2	749.394	0.07	Midgut	3R:-:45434286-45434269	exon=> In CDS Exon 2 of transcript AGAP009930-PA
JHU_Ag_24524	LPLAVVQFR	AGAP009932-PA	-	45	7.64E-05	2	1042.643	1.6	Head	3R:-:45479224-45479198	exon=> In CDS Exon 1 of transcript AGAP009932-PA
JHU_Ag_73913	HNRPAVSEVEVTEAEPSR	AGAP009932-PA	-	83	8.93E-08	1	2006.985	-2.16	Head	3R:-:45442466-45442413	exon=> In CDS Exon 10 of transcript AGAP009932-PA
JHU_Ag_206	EHTLYDSEEAIHEVLNETFK	AGAP009937-PA	-	54	6.90E-05	1	2404.138	3	Head	3R:+:45702374-45702433	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_1382	SVAVSPVVTVEPR	AGAP009937-PA	-	41	0.000359298	2	1339.766	5.59	Salivary gland	3R:+:45702698-45702736	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_1483	SITNLEPVTDEYER	AGAP009937-PA	-	57	3.14E-05	1	1665.798	0.66	Head	3R:+:45703835-45703876	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_1609	TLEHQEHFTEIAK	AGAP009937-PA	-	49	0.000199466	1	1582.785	-0.92	Head	3R:+:45703130-45703168	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_3550	SVAVSPVVTVEPR	AGAP009937-PA	-	45	0.000122519	2	1339.762	2.86	Midgut	3R:+:45702698-45702736	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_3867	SGHDQVIEVLLEHGAEIISK	AGAP009937-PA	-	88	1.53E-08	1	2174.155	4.7	Malpighian tubule	3R:+:45692732-45692791	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_6383	DNYTPLHIAAK	AGAP009937-PA	-	39	0.001103629	1	1242.650	1.77	Male reproductive organs	3R:+:45693458-45693490	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_11164	VALLLLEK	AGAP009937-PA	-	43	1.95E-05	2	898.598	0.93	Salivary gland	3R:+:45693704-45693727	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_12948	DNYTPLHIAAK	AGAP009937-PA	-	60	1.15E-05	1	1242.651	2.36	Head	3R:+:45693458-45693490	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_13644	EREIIILR	AGAP009937-PA	-	37	0.000884001	2	1041.640	-1.32	Head	3R:+:45702326-45702349	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_15052	LLIANHGR	AGAP009937-PA	-	46	4.36E-05	1	893.531	-0.54	Head	3R:+:45692657-45692680	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_16249	SHTPNPLDITVTDNVNITR	AGAP009937-PA	-	111	1.06E-10	1	2107.081	1.48	Head	3R:+:45699527-45699583	exon=> In CDS Exon 6 of transcript AGAP009937-PA
JHU_Ag_18646	GNTALHIASLAGQK	AGAP009937-PA	-	90	1.03E-08	1	1380.761	1.15	Head	3R:+:45691507-45691548	exon=> In CDS Exon 2 of transcript AGAP009937-PA
JHU_Ag_19116	AENYTVSAMDR	AGAP009937-PA	M9(Oxidation)	53	1.97E-05	2	1272.554	1.14	Male reproductive organs	3R:+:45699494-45699526	exon=> In CDS Exon 6 of transcript AGAP009937-PA
JHU_Ag_20346	SVAVSPVVTVEPR	AGAP009937-PA	-	78	5.46E-08	1	1339.758	0.12	Head	3R:+:45702698-45702736	exon=> In CDS Exon 8 of transcript AGAP009937-PA

JHU_Ag_21089	GEPIQTPLCTLNFTLPSEK	AGAP009937-PA	C9(Carbamidomethyl)	47	0.000269316	1	2145.079	-4.93	Ovary	3R:+:45703376-45703432	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_22887	NQLNIATTLLDYK	AGAP009937-PA	-	102	7.02E-10	1	1506.820	2.22	Head	3R:+:45693791-45693829	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_23543	LGYITVVETLK	AGAP009937-PA	-	85	5.11E-09	2	1235.726	1.12	Midgut	3R:+:45694283-45694315	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_23988	FLGPVILEVPHFASLR	AGAP009937-PA	-	89	3.10E-09	1	1795.028	0.95	Visceras	3R:+:45702168-45702175,45702280-45702319	exon=> In CDS Exon 7 and 8 of transcript AGAP009937-PA
JHU_Ag_24355	GANPALATEDGFTPLAVAMQQGHDK	AGAP009937-PA	M19(Oxidation)	112	9.68E-11	1	2555.224	1.56	Head	3R:+:45691675-45691701,45691789-45691836	exon=> In CDS Exon 2 and 3 of transcript AGAP009937-PA
JHU_Ag_26621	AEYPNDEPQQAIVMLR	AGAP009937-PA	M14(Oxidation)	60	1.76E-05	2	1889.912	2.85	Head	3R:+:45703697-45703744	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_27060	ITNGPPLMEGEALVSR	AGAP009937-PA	-	92	6.73E-09	2	1683.875	0.97	Head	3R:+:45702090-45702137	exon=> In CDS Exon 7 of transcript AGAP009937-PA
JHU_Ag_27916	VGLQAQPIDMNTTANLLGR	AGAP009937-PA	M10(Oxidation)	81	8.19E-08	1	2012.069	4.76	Head	3R:+:45702641-45702697	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_30364	VALLLLEK	AGAP009937-PA	-	62	1.18E-06	2	898.596	-0.9	Visceras	3R:+:45693704-45693727	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_30370	NQLNIATTLLDYK	AGAP009937-PA	-	103	5.15E-10	2	1506.822	3.76	Ovary	3R:+:45693791-45693829	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_31228	EHTLYDSEEAIHEVLNETFK	AGAP009937-PA	-	32	0.010088901	1	2404.146	6.5	Ovary	3R:+:45702374-45702433	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_31860	ILELAPVGAK	AGAP009937-PA	-	29	0.001832821	1	1010.624	-0.08	Midgut	3R:+:45702138-45702167	exon=> In CDS Exon 7 of transcript AGAP009937-PA
JHU_Ag_33537	INRPDIVNK	AGAP009937-PA	-	51	3.87E-05	1	1068.613	-2.86	Head	3R:+:45703808-45703834	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_34137	ILELAPVGAK	AGAP009937-PA	-	41	0.000124486	1	1010.624	-0.45	Salivary gland	3R:+:45702138-45702167	exon=> In CDS Exon 7 of transcript AGAP009937-PA
JHU_Ag_34293	AYNSGMINQYSGNAPTLR	AGAP009937-PA	M6(Oxidation)	82	7.53E-08	1	1972.920	0.7	Malpighian tubule	3R:+:45702785-45702838	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_35130	SGHDQVIEVLLEHGAEIISK	AGAP009937-PA	-	55	2.61E-05	1	2174.156	4.87	Midgut	3R:+:45692732-45692791	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_36897	SVAVSPVVTVEPR	AGAP009937-PA	-	69	4.87E-07	2	1339.765	4.95	Malpighian tubule	3R:+:45702698-45702736	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_37556	SVAVSPVVTVEPR	AGAP009937-PA	-	41	0.000279918	2	1339.759	1.03	Male reproductive organs	3R:+:45702698-45702736	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_38407	LLLENEHNPDVSSK	AGAP009937-PA	-	38	0.001948059	1	1594.815	4.74	Malpighian tubule	3R:+:45691933-45691944,45692471-45692500	exon=> In CDS Exon 3 and 4 of transcript AGAP009937-PA
JHU_Ag_38534	LLLENEHNPDVSSK	AGAP009937-PA	-	93	7.38E-09	1	1594.810	2.06	Head	3R:+:45691933-45691944,45692471-45692500	exon=> In CDS Exon 3 and 4 of transcript AGAP009937-PA
JHU_Ag_38945	SGEQLSLQFNAFK	AGAP009937-PA	-	58	2.19E-05	2	1468.745	1.55	Head	3R:+:45703244-45703282	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_39218	LGYITVVETLK	AGAP009937-PA	-	68	3.69E-07	1	1235.729	3.49	Visceras	3R:+:45694283-45694315	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_40521	NGVTPLHVASHYDHQK	AGAP009937-PA	N1(Deamidated)	108	2.31E-10	1	1803.871	-3.36	Head	3R:+:45693656-45693703	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_41553	AENYTVSAMDR	AGAP009937-PA	M9(Oxidation)	57	8.44E-06	2	1272.554	1.24	Malpighian tubule	3R:+:45699494-45699526	exon=> In CDS Exon 6 of transcript AGAP009937-PA
JHU_Ag_47390	ANPEAVTNGGQTALSIADK	AGAP009937-PA	-	127	3.20E-12	1	1856.939	2.26	Head	3R:+:45694226-45694282	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_48632	ANPEAVTNGGQTALSIADK	AGAP009937-PA	N8(Deamidated)	95	4.87E-09	2	1857.924	2.65	Midgut	3R:+:45694226-45694282	exon=> In CDS Exon 5 of transcript AGAP009937-PA

JHU_Ag_49016	CAELLLER	AGAP009937-PA	C1(Carbamidomethyl)	57	5.12E-05	2	1003.528	3.66	Larva	3R:+:45693605-45693628	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_49021	LGYITVVETLK	AGAP009937-PA	-	71	1.41E-07	2	1235.727	2.01	Head	3R:+:45694283-45694315	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_49841	GDTLNLLEDLHTNR	AGAP009937-PA	-	95	4.54E-09	1	1610.818	2.92	Head	3R:+:45702434-45702475	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_54711	NGHTPLHIASK	AGAP009937-PA	N1(Deamidated)	50	0.000170953	2	1175.614	-2.53	Head	3R:+:45693755-45693787	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_55840	ILELAPVGAK	AGAP009937-PA	-	52	6.99E-06	2	1010.626	1.31	Head	3R:+:45702138-45702167	exon=> In CDS Exon 7 of transcript AGAP009937-PA
JHU_Ag_57233	FLGPVILEVPHFASLR	AGAP009937-PA	-	34	0.000865389	1	1795.027	0.34	Salivary gland	3R:+:45702168-45702175,45702280-45702319	exon=> In CDS Exon 7 and 8 of transcript AGAP009937-PA
JHU_Ag_57405	AYNSGMINQYSGNAPTLR	AGAP009937-PA	-	35	0.00424946	2	1956.923	-0.02	Head	3R:+:45702785-45702838	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_57906	ILELAPVGAK	AGAP009937-PA	-	42	7.59E-05	2	1010.627	2.88	Malpighian tubule	3R:+:45702138-45702167	exon=> In CDS Exon 7 of transcript AGAP009937-PA
JHU_Ag_59588	SGHDQVIEVLLEHGAEIISK	AGAP009937-PA	-	139	1.09E-13	1	2174.155	4.36	Head	3R:+:45692732-45692791	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_59632	IRQEVHAIGPEGGTVSATAVPQVQAIFPQNALTK	AGAP009937-PA	-	96	6.16E-10	1	3527.899	0.5	Head	3R:+:45702530-45702631	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_61074	DATGNVLEQALIK	AGAP009937-PA	-	44	0.000531324	2	1371.748	-0.12	Ovary	3R:+:45703769-45703807	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_61743	INRPDIVNK	AGAP009937-PA	-	37	0.000981201	2	1068.616	0.18	Male reproductive organs	3R:+:45703808-45703834	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_64696	HNITPLHVACK	AGAP009937-PA	C10(Carbamidomethyl)	57	3.86E-05	1	1289.670	-6.24	Head	3R:+:45692600-45692632	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_65331	ANPEAVTNGGQTALSIADK	AGAP009937-PA	N8(Deamidated)	45	0.000524671	2	1857.918	-0.31	Male reproductive organs	3R:+:45694226-45694282	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_65708	TLEHQEHFTEIAK	AGAP009937-PA	-	80	1.43E-07	1	1582.791	3.24	Midgut	3R:+:45703130-45703168	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_67250	FLGPVILEVPHFASLR	AGAP009937-PA	-	89	3.06E-09	1	1795.032	2.78	Head	3R:+:45702168-45702175,45702280-45702319	exon=> In CDS Exon 7 and 8 of transcript AGAP009937-PA
JHU_Ag_67406	DGHYDIVNELLK	AGAP009937-PA	-	76	3.43E-07	1	1415.721	2.78	Malpighian tubule	3R:+:45691438-45691473	exon=> In CDS Exon 2 of transcript AGAP009937-PA
JHU_Ag_67898	TGFTPLHLSAQEGHGDMAR	AGAP009937-PA	M17(Oxidation)	60	1.32E-05	1	2040.948	-3.75	Head	3R:+:45693854-45693910	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_68608	NGLAPLHMAAQGEHVSAAR	AGAP009937-PA	M8(Oxidation)	35	0.005575231	1	1945.965	-0.49	Head	3R:+:45692798-45692854	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_72011	VLLDNGADPNHAAK	AGAP009937-PA	-	50	0.000187759	1	1434.739	3.44	Malpighian tubule	3R:+:45693911-45693952	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_72586	DATGNVLEQALIK	AGAP009937-PA	-	74	5.11E-07	2	1371.749	0.68	Male reproductive organs	3R:+:45703769-45703807	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_73533	IVTNDFPHYFAIVSR	AGAP009937-PA	-	102	7.76E-10	1	1778.927	2.69	Head	3R:+:45702485-45702529	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_76741	SGEQLSLQFNAFK	AGAP009937-PA	-	86	2.97E-08	1	1468.746	1.88	Midgut	3R:+:45703244-45703282	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_76777	SGHDQVIEVLLEHGAEIISK	AGAP009937-PA	-	112	5.15E-11	1	2174.157	5.29	Ovary	3R:+:45692732-45692791	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_78367	IKNNLDDLLGR	AGAP009937-PA	-	56	2.15E-05	1	1270.711	0.03	Midgut	3R:+:45703310-45703342	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_78522	IVTNDFPHYFAIVSR	AGAP009937-PA	-	64	4.71E-06	1	1778.932	5.51	Malpighian tubule	3R:+:45702485-45702529	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_82769	ANPEAVTNGGQTALSIADK	AGAP009937-PA	-	96	4.04E-09	1	1856.941	3.31	Visceras	3R:+:45694226-45694282	exon=> In CDS Exon 5 of transcript AGAP009937-PA

JHU_Ag_86137	IKNNLDDLLGR	AGAP009937-PA	-	38	0.001477472	1	1270.717	4.05	Malpighian tubule	3R:+:45703310-45703342	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_87512	IGNMEIVMLLLQHGAK	AGAP009937-PA	M4(Oxidation), M8(Oxidation)	98	1.60E-09	1	1798.957	0.94	Head	3R:+:45693392-45693439	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_88304	IVTNDFPHYFAIVSR	AGAP009937-PA	-	42	0.000733748	1	1778.923	0.22	Ovary	3R:+:45702485-45702529	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_90129	VLLDNGADPNHAAK	AGAP009937-PA	-	68	2.59E-06	1	1434.738	3.1	Head	3R:+:45693911-45693952	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_91027	DNYTPLHIAAK	AGAP009937-PA	-	28	0.01377235	1	1242.647	-0.29	Midgut	3R:+:45693458-45693490	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_91290	SRDIEVCEGR	AGAP009937-PA	C7(Carbamidomethyl)	50	0.000119716	2	1220.563	-4.88	Head	3R:+:45703169-45703198	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_92885	FLGPVILEVPHFASLR	AGAP009937-PA	-	79	3.65E-08	1	1795.026	-0.38	Midgut	3R:+:45702168-45702175,45702280-45702319	exon=> In CDS Exon 7 and 8 of transcript AGAP009937-PA
JHU_Ag_97914	VALLLLEK	AGAP009937-PA	-	52	2.31E-06	2	898.597	-0.09	Head	3R:+:45693704-45693727	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_98831	GEPIQTPLCTLNFTLPSEK	AGAP009937-PA	C9(Carbamidomethyl)	97	3.13E-09	1	2145.096	3.15	Head	3R:+:45703376-45703432	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_99556	VALLLLEK	AGAP009937-PA	-	39	4.57E-05	2	898.597	-0.15	Midgut	3R:+:45693704-45693727	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_99589	FLGPVILEVPHFASLR	AGAP009937-PA	-	37	0.00054694	1	1795.032	2.89	Pupa	3R:+:45702168-45702175,45702280-45702319	exon=> In CDS Exon 7 and 8 of transcript AGAP009937-PA
JHU_Ag_100247	DATGNVLEQALIK	AGAP009937-PA	-	98	1.79E-09	2	1371.753	4.06	Midgut	3R:+:45703769-45703807	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_100355	SPVDDITIDYLTALHVAAHCGHVK	AGAP009937-PA	C20(Carbamidomethyl)	40	0.001215934	1	2632.339	7.73	Ovary	3R:+:45692873-45692944	exon=> In CDS Exon 4 of transcript AGAP009937-PA
JHU_Ag_101372	DATGNVLEQALIK	AGAP009937-PA	-	98	1.86E-09	2	1371.749	1.13	Head	3R:+:45703769-45703807	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_101555	AENYTVSAMDR	AGAP009937-PA	M9(Oxidation)	28	0.007097377	2	1272.554	0.86	Head	3R:+:45699494-45699526	exon=> In CDS Exon 6 of transcript AGAP009937-PA
JHU_Ag_102612	IRQEVHAIGPEGGTVSATAVPQVQAIFPQNALTK	AGAP009937-PA	-	80	2.06E-08	1	3527.921	6.66	Malpighian tubule	3R:+:45702530-45702631	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_107017	TGFTPLHVAAHFGQAGMVK	AGAP009937-PA	M17(Oxidation)	117	2.86E-11	1	1985.009	1.56	Head	3R:+:45694052-45694108	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_108549	IKNNLDDLLGR	AGAP009937-PA	-	34	0.00346275	1	1270.713	0.88	Male reproductive organs	3R:+:45703310-45703342	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_109348	DGHYDIVNELLK	AGAP009937-PA	-	45	0.000429901	1	1415.719	2	Midgut	3R:+:45691438-45691473	exon=> In CDS Exon 2 of transcript AGAP009937-PA
JHU_Ag_109363	VGLQAQPIDMNTTANLLGR	AGAP009937-PA	M10(Oxidation)	40	0.001032374	2	2028.064	4.88	Malpighian tubule	3R:+:45702641-45702697	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_109929	EDQTPLHVASR	AGAP009937-PA	-	33	0.006588043	1	1252.631	2.35	Head	3R:+:45693293-45693324,45693391-45693391	exon=> In CDS Exon 4 and 5 of transcript AGAP009937-PA
JHU_Ag_110019	CAELLLER	AGAP009937-PA	C1(Carbamidomethyl)	53	0.000114416	2	1003.528	3.42	Malpighian tubule	3R:+:45693605-45693628	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_110391	ILELAPVGAK	AGAP009937-PA	-	40	0.00016335	2	1010.625	0.22	Male reproductive organs	3R:+:45702138-45702167	exon=> In CDS Exon 7 of transcript AGAP009937-PA

JHU_Ag_110681	LIEYLETGQVTDINTCNTNGLNALHLAAK	AGAP009937-PA	C16(Carbamidomethyl),"C16(Carbamidomethyl), N22(Deamidated)","C16(Carbamidomethyl), N19(Deamidated)","C16(Carbamidomethyl), N17(Deamidated)","N14(Deamidated), C16(Carbamidomethyl)"	119	1.22E-11	1	3186.621	3.45	Head	3R:+:45691282-45691335,45691405-45691437	exon=> In CDS Exon 1 and 2 of transcript AGAP009937-PA
JHU_Ag_111496	LGYITVVETLK	AGAP009937-PA	-	52	1.12E-05	2	1235.730	4.09	Salivary gland	3R:+:45694283-45694315	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_111708	FLGPVILEVPHFASLR	AGAP009937-PA	-	84	1.08E-08	1	1795.028	0.85	Ovary	3R:+:45702168-45702175,45702280-45702319	exon=> In CDS Exon 7 and 8 of transcript AGAP009937-PA
JHU_Ag_113117	VALLLLEK	AGAP009937-PA	-	48	5.52E-06	2	898.597	0.12	Male reproductive organs	3R:+:45693704-45693727	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_115684	DATGNVLEQALIK	AGAP009937-PA	-	48	0.000182299	2	1371.750	1.66	Visceras	3R:+:45703769-45703807	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_117005	GANPALATEDGFTPLAVAMQQGHDK	AGAP009937-PA	M19(Oxidation)	76	4.19E-07	1	2555.217	-0.95	Male reproductive organs	3R:+:45691675-45691701,45691789-45691836	exon=> In CDS Exon 2 and 3 of transcript AGAP009937-PA
JHU_Ag_117105	CAELLLER	AGAP009937-PA	C1(Carbamidomethyl)	47	0.000403145	2	1003.524	0.19	Midgut	3R:+:45693605-45693628	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_117275	VALLLLEK	AGAP009937-PA	-	36	7.89E-05	2	898.598	0.87	Pupa	3R:+:45693704-45693727	exon=> In CDS Exon 5 of transcript AGAP009937-PA
JHU_Ag_117631	IVTNDFPHYFAIVSR	AGAP009937-PA	-	34	0.004691653	1	1778.924	0.84	Pupa	3R:+:45702485-45702529	exon=> In CDS Exon 8 of transcript AGAP009937-PA
JHU_Ag_117764	ITNGPPLMEGEALVSR	AGAP009937-PA	M8(Oxidation)	74	5.01E-07	2	1699.877	5.18	Malpighian tubule	3R:+:45702090-45702137	exon=> In CDS Exon 7 of transcript AGAP009937-PA
JHU_Ag_20725	VVAVLLESDTR	AGAP009937-PA,AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	48	0.00016406	2	1201.679	0.01	Head	3R:+:45691837-45691869;2R:+:18436668-18436700;2R:+:18436668-18436700;2R:+:18436668-18436700	exon=> In CDS Exon 3 of transcript AGAP009937-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PC;exon=> In CDS Exon 3 of transcript AGAP002272-PB
JHU_Ag_39802	LPALHIAAK	AGAP009937-PA,AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	30	0.002358999	2	933.589	0.91	Head	3R:+:45691882-45691908;2R:+:18436713-18436739;2R:+:18436713-18436739;2R:+:18436713-18436739	exon=> In CDS Exon 3 of transcript AGAP009937-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PC;exon=> In CDS Exon 3 of transcript AGAP002272-PB
JHU_Ag_41788	VRLPALHIAAK	AGAP009937-PA,AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	31	0.000542123	3	1188.758	0.21	Head	3R:+:45691876-45691908;2R:+:18436707-18436739;2R:+:18436707-18436739;2R:+:18436707-18436739	exon=> In CDS Exon 3 of transcript AGAP009937-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PA;exon=> In CDS Exon 3 of transcript AGAP002272-PC;exon=> In CDS Exon 3 of transcript AGAP002272-PB

JHU_Ag_94362	DGLTPLHCAAR	AGAP009937-PA,AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	C8(Carbamidomethyl)	64	4.92E-06	1	1210.600	0.2	Head	3R:+:45692699-45692731;2R:+:18437117-18437149;2R:+:18437117-18437149;2R:+:18437117-18437149	exon=> In CDS Exon 4 of transcript AGAP009937-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_109923	GETPLHLAAR	AGAP009937-PA,AGAP002272-PA,AGAP002272-PC,AGAP002272-PB	-	56	2.34E-05	2	1064.580	-4.71	Head	3R:+:45693197-45693226;2R:+:18437615-18437644;2R:+:18437615-18437644;2R:+:18437615-18437644	exon=> In CDS Exon 4 of transcript AGAP009937-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PA;exon=> In CDS Exon 4 of transcript AGAP002272-PC;exon=> In CDS Exon 4 of transcript AGAP002272-PB
JHU_Ag_60418	VSSNAAVANSGQTGTVEQK	AGAP009938-PA	-	91	1.36E-08	2	1847.917	3.98	Head	3R:+:45708431-45708487	exon=> In CDS Exon 2 of transcript AGAP009938-PA
JHU_Ag_115074	ATGTGGGSVLVQAGSDLAEDSTEIK	AGAP009938-PA	-	98	2.52E-09	1	2363.159	0.68	Head	3R:+:45708698-45708770,45709765-45709766	exon=> In CDS Exon 2 and 3 of transcript AGAP009938-PA
JHU_Ag_87674	ATIDQIEALK	AGAP009940-PA	-	64	5.74E-06	1	1101.615	-0.14	Male reproductive organs	3R:-:45727380-45727351	exon=> In CDS Exon 5 of transcript AGAP009940-PA
JHU_Ag_17025	VNFPLYAIEMLTSR	AGAP009942-PA	-	116	3.37E-11	1	1653.864	-1.53	Midgut	3R:-:45764570-45764529	exon=> In CDS Exon 1 of transcript AGAP009942-PA
JHU_Ag_56200	TADSVQTDFTEAEPLQR	AGAP009942-PA	-	94	5.51E-09	1	1907.900	0.78	Midgut	3R:-:45764010-45763960	exon=> In CDS Exon 2 of transcript AGAP009942-PA
JHU_Ag_65542	LFTLANPFAK	AGAP009942-PA	-	41	0.000613043	2	1121.634	-0.86	Male reproductive organs	3R:-:45763647-45763618	exon=> In CDS Exon 2 of transcript AGAP009942-PA
JHU_Ag_76196	LLEERATQNR	AGAP009943-PA	Q8(Deamidated),N9(Deamidated)	39	0.001962115	1	1230.661	14.26	Ovary	3R:-:45768445-45768416	exon=> In CDS Exon 2 of transcript AGAP009943-PA
JHU_Ag_103013	LLEERATQNR	AGAP009943-PA	Q8(Deamidated),N9(Deamidated)	39	0.001974919	1	1230.659	12.38	Salivary gland	3R:-:45768445-45768416	exon=> In CDS Exon 2 of transcript AGAP009943-PA
JHU_Ag_115429	LLEERATQNR	AGAP009943-PA	Q8(Deamidated),N9(Deamidated)	34	0.007630434	1	1230.658	11.92	Head	3R:-:45768445-45768416	exon=> In CDS Exon 2 of transcript AGAP009943-PA
JHU_Ag_254	LADIAEGDKADVELAVK	AGAP009944-PA	-	123	6.87E-12	1	1756.931	-1.07	Midgut	3R:-:45806108-45806058	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_481	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	-	121	1.16E-11	1	1919.983	0.32	Salivary gland	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_883	DANVLASLESLDNGKPFPNAMYDVQGSIK	AGAP009944-PA	-	45	0.000470255	3	3093.534	4.41	Visceras	3R:-:45805958-45805872	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_3699	TVGNEGYFIEPTIFANVTDDMTIAK	AGAP009944-PA	M21(Oxidation)	134	5.95E-13	1	2762.326	1.11	Ovary	3R:-:45805061-45804987	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_3874	TFPTVNPSTGKK	AGAP009944-PA	-	53	6.81E-05	1	1276.689	-0.29	Malpighian tubule	3R:-:45806144-45806109	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_4679	ILGYIEVGQK	AGAP009944-PA	-	48	0.000104312	1	1119.641	-0.12	Midgut	3R:-:45805121-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_5305	TLDEAIER	AGAP009944-PA	-	44	0.000755391	2	946.484	-0.06	Salivary gland	3R:-:45804944-45804921	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_5450	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	-	137	3.25E-13	1	1919.985	1.66	Visceras	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_5578	TVGNEGYFIEPTIFANVTDDMTIAKEEIFGPVQSIIK	AGAP009944-PA	M21(Oxidation)	184	3.63E-18	1	4103.053	-1.11	Malpighian tubule	3R:-:45805061-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_5715	LADIAEGDK	AGAP009944-PA	-	39	0.002282885	2	931.475	2.06	Larva	3R:-:45806108-45806082	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_7044	EEIFGPVQSIIK	AGAP009944-PA	-	45	0.000311353	1	1359.753	1.05	Malpighian tubule	3R:-:45804986-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA

JHU_Ag_8153	TFVHESIYDQFVQK	AGAP009944-PA	-	126	4.10E-12	1	1740.864	2.51	Malpighian tubule	3R:-:45805256-45805215	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_9241	YYAGLADKVGGDTIPSDGPHFTYTR	AGAP009944-PA	-	87	2.92E-08	1	2701.283	-2.23	Midgut	3R:-:45805862-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_9553	EEIFGPVQSIIK	AGAP009944-PA	-	42	0.000650247	2	1359.756	2.94	Visceras	3R:-:45804986-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_10244	EAGFPDGVINVVPGYGPTAGGAISSHPEIRK	AGAP009944-PA	-	120	9.57E-12	1	3092.585	1.47	Malpighian tubule	3R:-:45805625-45805533	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_11735	EEIFGPVQSIIK	AGAP009944-PA	-	57	1.97E-05	1	1359.753	0.51	Ovary	3R:-:45804986-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_12825	YRTLDEAIER	AGAP009944-PA	-	58	2.08E-05	2	1265.648	-0.58	Malpighian tubule	3R:-:45804950-45804921	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_13244	KEPVGVVGQIIPWNYPLAMLAWK	AGAP009944-PA	M19(Oxidation)	61	3.08E-06	1	2625.439	5	Larva	3R:-:45805787-45805719	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_13601	VGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	118	2.38E-11	1	2303.095	0.4	Malpighian tubule	3R:-:45805187-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_13968	EEIFGPVQSIIK	AGAP009944-PA	-	61	8.06E-06	2	1359.752	-0.02	Midgut	3R:-:45804986-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_15402	TFVHESIYDQFVQK	AGAP009944-PA	-	119	2.07E-11	1	1740.864	2.93	Midgut	3R:-:45805256-45805215	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_16854	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	138	1.88E-13	1	2964.489	1.19	Visceras	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_18286	ELGKDSLEGYLETK	AGAP009944-PA	-	102	1.00E-09	1	1581.801	0.46	Midgut	3R:-:45804752-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_18638	VGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	64	7.24E-06	1	2303.096	1.04	Head	3R:-:45805187-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_19328	EEIFGPVQSIIK	AGAP009944-PA	-	54	3.92E-05	2	1359.753	0.87	Pupa	3R:-:45804986-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_19745	TFPTVNPSTGK	AGAP009944-PA	-	44	0.000689524	1	1148.594	-0.75	Ovary	3R:-:45806144-45806112	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_24048	VGNPFTEGTVHGPQIDDTQYKK	AGAP009944-PA	-	94	5.24E-09	1	2431.190	0.43	Pupa	3R:-:45805187-45805122	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_24892	DANVLASLESLDNGKPFPNAMYDVQGSIK	AGAP009944-PA	N13(Deamidated), M21(Oxidation),M21(Oxidation)	201	1.16E-19	1	3093.533	4.29	Malpighian tubule	3R:-:45805958-45805872	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_24933	LSTLMERDANVLASLESLDNGKPFPNAMYDVQGSIK	AGAP009944-PA	M28(Oxidation)	84	3.93E-08	1	3939.948	0.26	Malpighian tubule	3R:-:45805979-45805872	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_26317	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	72	9.16E-07	1	1819.862	0.72	Salivary gland	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_26440	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	131	1.35E-12	1	1819.871	5.29	Larva	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_28579	TVGNEGYFIEPTIFANVTDDMTIAKEEIFGPVQSIIK	AGAP009944-PA	M21(Oxidation)	44	0.000350647	1	4103.066	2.19	Midgut	3R:-:45805061-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_30734	ALTFSHAVEAGSVWVNTYLAVVNQAPFGGYK	AGAP009944-PA	-	126	2.35E-12	1	3296.670	-1.21	Midgut	3R:-:45804863-45804771	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_32361	VAFTGSVEVGK	AGAP009944-PA	-	54	4.19E-05	2	1093.593	3.84	Larva	3R:-:45805532-45805500	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_32370	TFVHESIYDQFVQK	AGAP009944-PA	-	59	2.29E-05	1	1740.860	0.25	Salivary gland	3R:-:45805256-45805215	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_32485	DANVLASLESLDNGKPFPNAMYDVQGSIK	AGAP009944-PA	N13(Deamidated), M21(Oxidation),M21(Oxidation)	119	1.86E-11	1	3110.500	0.41	Midgut	3R:-:45805958-45805872	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_33408	EEIFGPVQSIIK	AGAP009944-PA	-	53	5.50E-05	2	1359.757	3.84	Head	3R:-:45804986-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_34603	VGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	117	3.13E-11	1	2303.092	-0.79	Ovary	3R:-:45805187-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA

JHU_Ag_34912	VGNPFTEGTVHGPQIDDTQYKK	AGAP009944-PA	-	67	2.62E-06	1	2431.196	2.92	Midgut	3R:-:45805187-45805122	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_34919	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	-	161	1.37E-15	1	1919.984	1.02	Malpighian tubule	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_35638	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	-	73	8.25E-07	1	1919.991	4.45	Larva	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_35992	TFPTVNPSTGKK	AGAP009944-PA	-	59	1.87E-05	1	1276.689	-0.39	Midgut	3R:-:45806144-45806109	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_37474	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	53	7.21E-05	1	1819.860	-0.79	Visceras	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_38872	VAFTGSVEVGK	AGAP009944-PA	-	70	1.22E-06	2	1093.589	0.27	Ovary	3R:-:45805532-45805500	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_41295	KVGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	42	0.000993923	1	2431.197	3.37	Salivary gland	3R:-:45805190-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_41916	IFINNQFVDAVSGK	AGAP009944-PA	-	101	1.06E-09	1	1551.816	-0.2	Midgut	3R:-:45806186-45806145	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_42621	KVGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	83	6.71E-08	1	2431.194	2.09	Malpighian tubule	3R:-:45805190-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_43750	VGNPFTEGTVHGPQIDDTQYKK	AGAP009944-PA	-	38	0.002492736	1	2431.189	-0.12	Salivary gland	3R:-:45805187-45805122	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_43856	TLDEAIER	AGAP009944-PA	-	54	6.50E-05	1	946.485	0.84	Ovary	3R:-:45804944-45804921	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_44427	KVAFTGSVEVGK	AGAP009944-PA	-	31	0.005179717	1	1221.681	-2.55	Pupa	3R:-:45805535-45805500	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_44629	ELGKDSLEGYLETK	AGAP009944-PA	-	78	2.49E-07	2	1581.807	3.86	Larva	3R:-:45804752-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_45629	TVGNEGYFIEPTIFANVTDDMTIAK	AGAP009944-PA	M21(Oxidation)	124	4.99E-12	1	2762.322	-0.48	Malpighian tubule	3R:-:45805061-45804987	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_45668	ILGYIEVGQK	AGAP009944-PA	-	45	0.000223528	1	1119.641	0.25	Ovary	3R:-:45805121-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_45770	TFVHESIYDQFVQK	AGAP009944-PA	-	88	3.13E-08	2	1740.866	3.98	Ovary	3R:-:45805256-45805215	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_46002	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	84	4.86E-08	1	2964.499	4.58	Salivary gland	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_47644	ILGYIEVGQKEGAK	AGAP009944-PA	-	78	1.11E-07	1	1504.840	1.65	Malpighian tubule	3R:-:45805121-45805080	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_49091	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	-	95	4.87E-09	1	1919.982	-0.32	Male reproductive organs	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_49326	IFINNQFVDAVSGK	AGAP009944-PA	-	88	1.80E-08	2	1551.821	2.79	Visceras	3R:-:45806186-45806145	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_50133	DANVLASLESLDNGKPFPNAMYDVQGSIK	AGAP009944-PA	M21(Oxidation)	165	4.27E-16	1	3109.516	0.41	Ovary	3R:-:45805958-45805872	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_50156	IFINNQFVDAVSGK	AGAP009944-PA	-	93	6.23E-09	1	1551.824	4.83	Larva	3R:-:45806186-45806145	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_50611	IIMAAAATSNLKK	AGAP009944-PA	M3(Oxidation)	89	6.57E-09	1	1331.771	-0.15	Midgut	3R:-:45805499-45805461	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_50819	ILGYIEVGQK	AGAP009944-PA	-	42	0.000408238	2	1119.642	1.34	Pupa	3R:-:45805121-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_50998	IIMAAAATSNLK	AGAP009944-PA	-	73	3.81E-07	2	1203.677	0.03	Pupa	3R:-:45805499-45805464	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_51038	TFPTVNPSTGK	AGAP009944-PA	-	46	0.000384503	1	1148.597	1.97	Larva	3R:-:45806144-45806112	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_51075	SVSIRLPAK	AGAP009944-PA	-	60	4.59E-06	1	970.605	0.29	Malpighian tubule	3R:-:45804710-45804684	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_51441	IIMAAAATSNLKK	AGAP009944-PA	M3(Oxidation)	83	2.64E-08	1	1331.769	-1.98	Pupa	3R:-:45805499-45805461	exon=> In CDS Exon 2 of transcript AGAP009944-PA

JHU_Ag_51841	KILGYIEVGQK	AGAP009944-PA	-	55	1.02E-05	1	1247.737	0.81	Midgut	3R:-:45805124-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_52143	DSLEGYLETK	AGAP009944-PA	-	79	1.86E-07	1	1154.557	-0.69	Malpighian tubule	3R:-:45804740-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_52781	YYAGLADKVGGDTIPSDGPHFTYTR	AGAP009944-PA	-	94	6.57E-09	1	2701.292	0.94	Pupa	3R:-:45805862-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_52959	ANPNQEIK	AGAP009944-PA	N-Term(Acetyl)	43	0.000482484	2	955.484	0.05	Ovary	3R:-:45806301-45806278	exon=> In CDS Exon 1 of transcript AGAP009944-PA
JHU_Ag_53247	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	N3(Deamidated),N2(Deamidated)	147	2.77E-14	1	1919.984	0.89	Midgut	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_54739	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	73	7.36E-07	1	1819.860	-0.34	Male reproductive organs	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_56372	ADVELAVK	AGAP009944-PA	-	51	0.000142712	2	844.477	-0.42	Malpighian tubule	3R:-:45806081-45806058	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_56422	TFPTVNPSTGK	AGAP009944-PA	-	65	5.00E-06	1	1148.596	0.95	Malpighian tubule	3R:-:45806144-45806112	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_57028	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	118	2.36E-11	1	1819.861	-0.07	Ovary	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_57298	VGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	56	4.59E-05	1	2303.096	1.04	Pupa	3R:-:45805187-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_57917	TLDEAIER	AGAP009944-PA	-	42	0.001306646	2	946.486	2.33	Midgut	3R:-:45804944-45804921	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_57962	LADIAEGDKADVELAVK	AGAP009944-PA	-	80	1.27E-07	1	1756.933	-0.1	Ovary	3R:-:45806108-45806058	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_59005	KVGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	65	4.43E-06	1	2431.200	4.35	Midgut	3R:-:45805190-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_61133	ILGYIEVGQK	AGAP009944-PA	-	54	2.53E-05	1	1119.643	1.56	Malpighian tubule	3R:-:45805121-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_62088	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	182	7.43E-18	1	2964.496	3.53	Malpighian tubule	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_62105	DSLEGYLETK	AGAP009944-PA	-	68	2.51E-06	2	1154.556	-1.43	Ovary	3R:-:45804740-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_62146	YYAGLADK	AGAP009944-PA	-	38	0.001300353	1	900.447	1	Malpighian tubule	3R:-:45805862-45805839	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_63613	TFPTVNPSTGKK	AGAP009944-PA	-	46	0.000309094	1	1276.688	-1.15	Pupa	3R:-:45806144-45806109	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_66552	LADIAEGDKADVELAVK	AGAP009944-PA	-	82	7.02E-08	2	1756.936	1.85	Pupa	3R:-:45806108-45806058	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_67278	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	161	9.44E-16	1	2964.493	2.61	Head	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_67335	LADIAEGDKADVELAVK	AGAP009944-PA	-	126	2.82E-12	1	1756.932	-0.31	Malpighian tubule	3R:-:45806108-45806058	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_68416	LSTLMER	AGAP009944-PA	M5(Oxidation)	46	0.000311583	2	849.449	-0.69	Malpighian tubule	3R:-:45805979-45805959	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_68601	KVAFTGSVEVGK	AGAP009944-PA	-	42	0.000464354	1	1221.684	-0.16	Malpighian tubule	3R:-:45805535-45805500	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_68985	VAFTGSVEVGK	AGAP009944-PA	-	69	1.39E-06	2	1093.588	-1.07	Midgut	3R:-:45805532-45805500	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_73923	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	N15(Deamidated),N3(Deamidated),N18(Deamidated)	120	1.64E-11	1	1919.985	1.66	Pupa	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_73924	YYAGLADK	AGAP009944-PA	-	35	0.002554995	1	900.449	2.9	Larva	3R:-:45805862-45805839	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_77187	KILGYIEVGQK	AGAP009944-PA	-	78	4.98E-08	1	1247.736	-0.07	Malpighian tubule	3R:-:45805124-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA

JHU_Ag_77331	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	168	2.04E-16	1	2964.485	-0.11	Ovary	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_77965	DANVLASLESLDNGKPFPNAMYDVQGSIK	AGAP009944-PA	N13(Deamidated), M21(Oxidation)	39	0.001809047	3	3110.498	-0.41	Pupa	3R:-:45805958-45805872	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_78807	KVGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	90	1.51E-08	1	2431.190	0.36	Pupa	3R:-:45805190-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_79013	YYAGLADKVGGDTIPSDGPHFTYTR	AGAP009944-PA	-	192	8.65E-19	1	2701.297	2.73	Malpighian tubule	3R:-:45805862-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_79510	IFINNQFVDAVSGK	AGAP009944-PA	-	109	1.39E-10	1	1551.821	3.1	Malpighian tubule	3R:-:45806186-45806145	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_79695	VAFTGSVEVGK	AGAP009944-PA	-	77	2.26E-07	1	1093.590	1.05	Malpighian tubule	3R:-:45805532-45805500	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_80349	ALTFSHAVEAGSVWVNTYLAVVNQAPFGGYK	AGAP009944-PA	-	124	4.22E-12	1	3296.677	0.95	Malpighian tubule	3R:-:45804863-45804771	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_80416	EEIFGPVQSIIK	AGAP009944-PA	-	36	0.002224552	2	1359.760	5.81	Larva	3R:-:45804986-45804951	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_81233	ELGKDSLEGYLETK	AGAP009944-PA	-	113	7.53E-11	1	1581.802	0.69	Pupa	3R:-:45804752-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_81476	ANPNQEIK	AGAP009944-PA	N-Term(Acetyl)	37	0.001898593	1	955.484	-0.45	Midgut	3R:-:45806301-45806278	exon=> In CDS Exon 1 of transcript AGAP009944-PA
JHU_Ag_81794	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	96	3.64E-09	1	1819.863	1.13	Pupa	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_82303	ILGYIEVGQK	AGAP009944-PA	-	50	6.81E-05	2	1119.641	0.14	Salivary gland	3R:-:45805121-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_82995	TLDEAIER	AGAP009944-PA	-	51	0.000108415	2	946.481	-3.67	Visceras	3R:-:45804944-45804921	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_84130	LADIAEGDKADVELAVK	AGAP009944-PA	-	37	0.002308089	1	1756.939	3.31	Salivary gland	3R:-:45806108-45806058	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_84372	DANVLASLESLDNGKPFPNAMYDVQGSIK	AGAP009944-PA	N13(Deamidated), M21(Oxidation),M21(Oxidation)	198	1.87E-19	1	3109.531	5.24	Larva	3R:-:45805958-45805872	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_84549	KEPVGVVGQIIPWNYPLAMLAWK	AGAP009944-PA	M19(Oxidation)	46	9.05E-05	1	2625.438	4.51	Malpighian tubule	3R:-:45805787-45805719	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_84798	ANPNQEIK	AGAP009944-PA	N-Term(Acetyl)	41	0.000713493	2	955.488	3.37	Larva	3R:-:45806301-45806278	exon=> In CDS Exon 1 of transcript AGAP009944-PA
JHU_Ag_85515	IFINNQFVDAVSGK	AGAP009944-PA	-	82	7.87E-08	2	1551.820	2.24	Head	3R:-:45806186-45806145	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_87171	ELGKDSLEGYLETK	AGAP009944-PA	-	73	8.00E-07	1	1581.798	-1.93	Salivary gland	3R:-:45804752-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_87824	TFVHESIYDQFVQK	AGAP009944-PA	-	84	6.94E-08	1	1740.861	1.03	Pupa	3R:-:45805256-45805215	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_88099	IIMAAAATSNLKK	AGAP009944-PA	M3(Oxidation)	83	3.37E-08	1	1347.771	2.99	Larva	3R:-:45805499-45805461	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_88967	TFPTVNPSTGKK	AGAP009944-PA	-	51	8.82E-05	1	1276.692	1.62	Larva	3R:-:45806144-45806109	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_90490	YYAGLADK	AGAP009944-PA	-	36	0.002041489	1	900.446	0.12	Pupa	3R:-:45805862-45805839	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_90648	ANNTSFGLAAGIVTNDINK	AGAP009944-PA	-	113	8.30E-11	1	1919.985	1.4	Head	3R:-:45804920-45804864	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_91354	ELGKDSLEGYLETK	AGAP009944-PA	-	40	0.001414915	1	1581.800	-0.71	Ovary	3R:-:45804752-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_91959	IFINNQFVDAVSGK	AGAP009944-PA	-	100	1.18E-09	1	1551.821	3.03	Pupa	3R:-:45806186-45806145	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_92532	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	138	2.65E-13	1	1819.869	4.35	Midgut	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA

JHU_Ag_93774	IIMAAAATSNLK	AGAP009944-PA	M3(Oxidation)	109	1.33E-10	1	1219.670	-1.6	Malpighian tubule	3R:-:45805499-45805464	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_94465	KEPVGVVGQIIPWNYPLAMLAWK	AGAP009944-PA	M19(Oxidation)	36	0.000968931	1	2609.433	0.79	Midgut	3R:-:45805787-45805719	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_94783	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	188	1.77E-18	1	2964.489	1.19	Pupa	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_95166	LSTLMER	AGAP009944-PA	M5(Oxidation)	38	0.00220721	2	865.444	-0.51	Midgut	3R:-:45805979-45805959	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_95208	VAFTGSVEVGK	AGAP009944-PA	-	38	0.001553912	2	1093.589	-0.06	Pupa	3R:-:45805532-45805500	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_95897	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	131	9.71E-13	1	2964.497	3.84	Larva	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_96171	VGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	104	7.47E-10	1	2303.101	2.9	Midgut	3R:-:45805187-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_96570	ILGYIEVGQK	AGAP009944-PA	-	31	0.005572817	2	1119.643	1.78	Head	3R:-:45805121-45805092	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_98853	VGGDTIPSDGPHFTYTR	AGAP009944-PA	-	127	2.88E-12	1	1819.866	2.81	Malpighian tubule	3R:-:45805838-45805788	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_101004	IIMAAAATSNLK	AGAP009944-PA	M3(Oxidation)	105	3.47E-10	1	1219.671	-0.3	Ovary	3R:-:45805499-45805464	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_101047	TLDEAIER	AGAP009944-PA	-	55	6.36E-05	2	946.483	-1.48	Malpighian tubule	3R:-:45804944-45804921	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_102346	YYAGLADK	AGAP009944-PA	-	38	0.001202118	1	900.446	-0.35	Midgut	3R:-:45805862-45805839	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_102809	VGNPFTEGTVHGPQIDDTQYKK	AGAP009944-PA	-	141	1.13E-13	1	2431.189	-0.09	Malpighian tubule	3R:-:45805187-45805122	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_103937	IIMAAAATSNLK	AGAP009944-PA	M3(Oxidation)	90	9.87E-09	1	1219.675	3.2	Larva	3R:-:45805499-45805464	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_105411	LSTLMER	AGAP009944-PA	M5(Oxidation)	42	0.001025269	2	865.448	3.16	Larva	3R:-:45805979-45805959	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_106222	VGNPFTEGTVHGPQIDDTQYKK	AGAP009944-PA	-	48	0.000235947	1	2431.192	1.08	Ovary	3R:-:45805187-45805122	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_106564	DSLEGYLETK	AGAP009944-PA	-	65	4.38E-06	2	1154.557	-0.26	Midgut	3R:-:45804740-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_108001	TFVHESIYDQFVQK	AGAP009944-PA	-	42	0.001060008	1	1740.857	-1.21	Larva	3R:-:45805256-45805215	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_108919	IIMAAAATSNLKK	AGAP009944-PA	M3(Oxidation)	74	2.66E-07	1	1347.763	-2.26	Malpighian tubule	3R:-:45805499-45805461	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_109315	IFINNQFVDAVSGK	AGAP009944-PA	-	104	4.71E-10	1	1551.819	1.45	Ovary	3R:-:45806186-45806145	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_112680	EAGFPDGVINVVPGYGPTAGGAISSHPEIR	AGAP009944-PA	-	100	1.18E-09	1	2964.486	0.32	Midgut	3R:-:45805625-45805536	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_112782	IIMAAAATSNLK	AGAP009944-PA	-	79	1.07E-07	1	1203.677	0.24	Midgut	3R:-:45805499-45805464	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_113039	ELGKDSLEGYLETK	AGAP009944-PA	-	62	9.21E-06	1	1581.803	1.46	Visceras	3R:-:45804752-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_113527	IFINNQFVDAVSGKTFPTVNPSTGK	AGAP009944-PA	-	85	2.56E-08	1	2681.404	3.99	Malpighian tubule	3R:-:45806186-45806112	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_114293	ANPNQEIKYTK	AGAP009944-PA	N-Term(Acetyl)	88	2.90E-08	1	1347.693	2.18	Malpighian tubule	3R:-:45806301-45806269	exon=> In CDS Exon 1 of transcript AGAP009944-PA
JHU_Ag_114726	VGNPFTEGTVHGPQIDDTQYK	AGAP009944-PA	-	42	0.000958517	1	2303.094	-0.15	Salivary gland	3R:-:45805187-45805125	exon=> In CDS Exon 3 of transcript AGAP009944-PA
JHU_Ag_115750	ANPNQEIK	AGAP009944-PA	N-Term(Acetyl)	50	8.98E-05	1	955.483	-1.36	Malpighian tubule	3R:-:45806301-45806278	exon=> In CDS Exon 1 of transcript AGAP009944-PA
JHU_Ag_116781	ELGKDSLEGYLETK	AGAP009944-PA	-	100	1.50E-09	1	1581.801	-0.08	Malpighian tubule	3R:-:45804752-45804711	exon=> In CDS Exon 3 of transcript AGAP009944-PA

JHU_Ag_117634	LADIAEGDKADVELAVK	AGAP009944-PA	-	79	1.42E-07	2	1756.940	3.8	Larva	3R:-:45806108-45806058	exon=> In CDS Exon 2 of transcript AGAP009944-PA
JHU_Ag_21725	KVSLELGGK	AGAP009944-PA,AGAP003578-PA	-	38	0.000984181	2	930.561	-1.15	Malpighian tubule	3R:-:45805463-45805437;2R:-:40155192-40155166	exon=> In CDS Exon 2 of transcript AGAP009944-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_25418	VSLELGGK	AGAP009944-PA,AGAP003578-PA	-	53	9.54E-05	1	802.466	-1.02	Pupa	3R:-:45805460-45805437;2R:-:40155189-40155166	exon=> In CDS Exon 2 of transcript AGAP009944-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_32569	VSLELGGK	AGAP009944-PA,AGAP003578-PA	-	44	0.000697651	1	802.467	0.2	Malpighian tubule	3R:-:45805460-45805437;2R:-:40155189-40155166	exon=> In CDS Exon 2 of transcript AGAP009944-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_49905	VSLELGGK	AGAP009944-PA,AGAP003578-PA	-	37	0.00396144	2	802.468	1.17	Larva	3R:-:45805460-45805437;2R:-:40155189-40155166	exon=> In CDS Exon 2 of transcript AGAP009944-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_73218	VSLELGGK	AGAP009944-PA,AGAP003578-PA	-	38	0.002976036	1	802.467	-0.41	Midgut	3R:-:45805460-45805437;2R:-:40155189-40155166	exon=> In CDS Exon 2 of transcript AGAP009944-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_87929	VSLELGGK	AGAP009944-PA,AGAP003578-PA	-	43	0.000920138	1	802.468	1.78	Ovary	3R:-:45805460-45805437;2R:-:40155189-40155166	exon=> In CDS Exon 2 of transcript AGAP009944-PA;exon=> In CDS Exon 2 of transcript AGAP003578-PA
JHU_Ag_3954	IDRGELGEIR	AGAP009945-PA	-	46	0.000345095	1	1157.624	-2.55	Head	3R:+:45808570-45808599	exon=> In CDS Exon 2 of transcript AGAP009945-PA
JHU_Ag_14073	ISHDFVNAVGTLPAADHQVVAVAAR	AGAP009945-PA	-	188	1.07E-18	1	2558.349	0.66	Pupa	3R:+:45808125-45808199	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_24611	LQSASVSHVDSLLIAR	AGAP009945-PA	-	135	1.70E-13	1	1695.936	-1.48	Ovary	3R:+:45809223-45809270	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_29323	ISHDFVNAVGTLPAADHQVVAVAAR	AGAP009945-PA	-	71	5.68E-07	1	2558.352	1.88	Salivary gland	3R:+:45808125-45808199	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_31191	ISHDFVNAVGTLPAADHQVVAVAAR	AGAP009945-PA	-	95	1.95E-09	2	2558.353	1.98	Midgut	3R:+:45808125-45808199	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_34807	IQDQIR	AGAP009945-PA	-	32	0.010689981	1	772.431	-0.17	Midgut	3R:+:45809271-45809288	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_35953	IDRGELGEIR	AGAP009945-PA	-	44	0.000632142	1	1157.627	-0.74	Midgut	3R:+:45808570-45808599	exon=> In CDS Exon 2 of transcript AGAP009945-PA
JHU_Ag_40457	HPFNFTNSCGLR	AGAP009945-PA	N4(Deamidated), C9(Carbamidomethyl),C9(Carbamidomethyl),"N7(Deamidated), C9(Carbamidomethyl)"	54	5.49E-05	2	1449.668	-0.76	Midgut	3R:+:45809145-45809180	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_41303	AYEGYQALAK	AGAP009945-PA	-	63	4.99E-06	2	1113.557	-0.65	Midgut	3R:+:45808248-45808277	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_41677	ISHDFVNAVGTLPAADHQVVAVAAR	AGAP009945-PA	-	180	7.75E-18	1	2558.348	0.09	Visceras	3R:+:45808125-45808199	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_42399	ISHDFVNAVGTLPAADHQVVAVAAR	AGAP009945-PA	-	133	3.19E-13	1	2558.363	5.89	Ovary	3R:+:45808125-45808199	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_45155	HVLCEKPLCLNEGQSK	AGAP009945-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	63	6.53E-06	1	1911.941	-0.34	Malpighian tubule	3R:+:45808429-45808476	exon=> In CDS Exon 2 of transcript AGAP009945-PA
JHU_Ag_48653	HPFNFTNSCGLR	AGAP009945-PA	C9(Carbamidomethyl)	43	0.000656917	2	1449.671	1.26	Visceras	3R:+:45809145-45809180	exon=> In CDS Exon 3 of transcript AGAP009945-PA

JHU_Ag_49492	NLFLMEAIWSR	AGAP009945-PA	M5(Oxidation)	62	8.08E-06	2	1395.716	4.74	Malpighian tubule	3R:+:45808504-45808536	exon=> In CDS Exon 2 of transcript AGAP009945-PA
JHU_Ag_51291	GSVTLHGFWCPQLLTDVDGK	AGAP009945-PA	C10(Carbamidomethyl)	57	3.45E-05	1	2230.097	0.42	Midgut	3R:+:45808888-45808899,45809067-45809114	exon=> In CDS Exon 2 and 3 of transcript AGAP009945-PA
JHU_Ag_53400	IQDQIR	AGAP009945-PA	-	39	0.001101551	2	772.431	-0.8	Ovary	3R:+:45809271-45809288	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_53664	LQSASVSHVDSLLIAR	AGAP009945-PA	-	95	1.60E-09	2	1695.945	3.32	Malpighian tubule	3R:+:45809223-45809270	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_63159	LQSASVSHVDSLLIAR	AGAP009945-PA	-	114	2.39E-11	2	1695.938	-0.35	Midgut	3R:+:45809223-45809270	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_64128	ELVDTLPNAR	AGAP009945-PA	-	38	0.001259152	2	1127.606	-0.05	Ovary	3R:+:45809115-45809144	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_64785	WGIASAGK	AGAP009945-PA	-	38	0.003301253	2	789.426	0.68	Visceras	3R:+:45808101-45808124	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_65320	DPNVDVVYIGAVNNAHYELGVLMLQHGK	AGAP009945-PA	M23(Oxidation)	125	3.70E-12	1	3081.544	-0.66	Ovary	3R:+:45808278-45808290,45808358-45808428	exon=> In CDS Exon 1 and 2 of transcript AGAP009945-PA
JHU_Ag_76669	LLDAEKFATLHGIER	AGAP009945-PA	-	67	1.28E-06	1	1712.937	2.17	Malpighian tubule	3R:+:45808203-45808247	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_80421	YEAEEVR	AGAP009945-PA	-	49	0.000112056	2	895.415	-0.73	Midgut	3R:+:45809181-45809201	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_81608	DPNVDVVYIGAVNNAHYELGVLMLQHGK	AGAP009945-PA	M23(Oxidation)	120	1.41E-11	1	3081.548	0.69	Midgut	3R:+:45808278-45808290,45808358-45808428	exon=> In CDS Exon 1 and 2 of transcript AGAP009945-PA
JHU_Ag_86224	ELVDTLPNAR	AGAP009945-PA	N8(Deamidated)	40	0.000801822	2	1127.607	0.93	Midgut	3R:+:45809115-45809144	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_88309	ISHDFVNAVGTLPAADHQVVAVAAR	AGAP009945-PA	-	146	1.69E-14	1	2558.356	3.17	Malpighian tubule	3R:+:45808125-45808199	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_88585	HVLCEKPLCLNEGQSK	AGAP009945-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	77	3.12E-07	1	1911.939	-1.36	Midgut	3R:+:45808429-45808476	exon=> In CDS Exon 2 of transcript AGAP009945-PA
JHU_Ag_90572	FATLHGIER	AGAP009945-PA	-	57	2.53E-05	2	1043.561	-2.24	Ovary	3R:+:45808221-45808247	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_94989	GSVTLHGFWCPQLLTDVDGKELVDTLPNAR	AGAP009945-PA	C10(Carbamidomethyl)	66	2.89E-06	1	3338.696	3.62	Visceras	3R:+:45808888-45808899,45809067-45809144	exon=> In CDS Exon 2 and 3 of transcript AGAP009945-PA
JHU_Ag_98064	FATLHGIER	AGAP009945-PA	-	38	0.002417964	2	1043.561	-2.24	Head	3R:+:45808221-45808247	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_109037	AYEGYQALAK	AGAP009945-PA	-	43	0.000503992	2	1113.560	2.31	Visceras	3R:+:45808248-45808277	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_112457	NLFLMEAIWSR	AGAP009945-PA	M5(Oxidation)	97	3.06E-09	2	1379.714	-0.3	Midgut	3R:+:45808504-45808536	exon=> In CDS Exon 2 of transcript AGAP009945-PA
JHU_Ag_115442	AYEGYQALAK	AGAP009945-PA	-	81	8.14E-08	1	1113.559	1.44	Malpighian tubule	3R:+:45808248-45808277	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_115484	YEAEEVR	AGAP009945-PA	-	36	0.002373757	1	895.415	-0.87	Ovary	3R:+:45809181-45809201	exon=> In CDS Exon 3 of transcript AGAP009945-PA
JHU_Ag_115775	ISHDFVNAVGTLPAADHQVVAVAAR	AGAP009945-PA	-	198	1.11E-19	1	2558.353	2.17	Head	3R:+:45808125-45808199	exon=> In CDS Exon 1 of transcript AGAP009945-PA
JHU_Ag_115792	IDRGELGEIR	AGAP009945-PA	-	34	0.004983953	1	1157.627	-0.18	Visceras	3R:+:45808570-45808599	exon=> In CDS Exon 2 of transcript AGAP009945-PA
JHU_Ag_18728	ISHTVFHVLVPVHK	AGAP009946-PA	-	64	1.19E-06	1	1612.931	-0.73	Midgut	3R:+:45854251-45854292	exon=> In CDS Exon 3 of transcript AGAP009946-PA
JHU_Ag_24308	KVFSNPEDVKPGGK	AGAP009946-PA	-	56	3.22E-05	1	1501.800	-0.36	Midgut	3R:+:45853636-45853638,45853769-45853807	exon=> In CDS Exon 1 and 2 of transcript AGAP009946-PA

JHU_Ag_82140	MLLMSVLTGLK	AGAP009946-PA	M1(Oxidation), M4(Oxidation)	55	2.24E-05	2	1237.693	3.04	Midgut	3R:+:45853591-45853623	exon=> In CDS Exon 1 of transcript AGAP009946-PA
JHU_Ag_113029	LVAVVR	AGAP009946-PA	-	35	0.000205163	1	656.446	0.41	Midgut	3R:+:45854233-45854250	exon=> In CDS Exon 3 of transcript AGAP009946-PA
JHU_Ag_38628	QAKPQEQSQAAASSSAGQK	AGAP009948-PA,AGAP006895-PA	-	82	8.98E-08	1	1901.930	-0.73	Malpighian tubule	3R:+:46015841-46015897;2L:+:39559399-39559455	exon=> In CDS Exon 1 of transcript AGAP009948-PA;exon=> In CDS Exon 2 of transcript AGAP006895-PA
JHU_Ag_41292	NDDGAPLNSEYATR	AGAP009948-PA,AGAP006895-PA	-	71	5.93E-07	2	1522.675	-1.51	Midgut	3R:+:46015748-46015789;2L:+:39559306-39559347	exon=> In CDS Exon 1 of transcript AGAP009948-PA;exon=> In CDS Exon 2 of transcript AGAP006895-PA
JHU_Ag_59800	QAKPQEQSQAAASSSAGQKK	AGAP009948-PA,AGAP006895-PA	-	40	0.001296785	1	2030.028	1.09	Malpighian tubule	3R:+:46015841-46015900;2L:+:39559399-39559458	exon=> In CDS Exon 1 of transcript AGAP009948-PA;exon=> In CDS Exon 2 of transcript AGAP006895-PA
JHU_Ag_2153	FGFLGLGVMGCGIVK	AGAP009949-PA	C11(Carbamidomethyl),"M9(Oxidation), C11(Carbamidomethyl)"	73	5.78E-07	1	1554.818	0.69	Ovary	3R:+:46041754-46041798	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_2580	LLNDSGELSSLDASPVR	AGAP009949-PA	-	153	7.70E-15	1	1772.906	1.76	Head	3R:+:46041574-46041624	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_3027	LGYGSHDASAVYVR	AGAP009949-PA	-	62	1.09E-05	1	1494.735	0.66	Malpighian tubule	3R:+:46042941-46042982	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_5323	SGHSVVVWNR	AGAP009949-PA	-	48	0.00019134	1	1140.594	2.42	Malpighian tubule	3R:+:46041811-46041840	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_6107	FQPLFVGENEAANRPDPDEEFNR	AGAP009949-PA	Q2(Deamidated)	34	0.005013082	1	2692.259	11.69	Malpighian tubule	3R:+:46041024-46041092	exon=> In CDS Exon 3 of transcript AGAP009949-PA
JHU_Ag_11918	AMLDDGVSGAPSPK	AGAP009949-PA	-	49	0.000149406	2	1344.650	2.85	Head	3R:+:46041520-46041561	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_11927	YLEAQIQGSK	AGAP009949-PA	-	57	3.08E-05	2	1136.595	0.43	Visceras	3R:+:46042189-46042203,46042301-46042315	exon=> In CDS Exon 5 and 6 of transcript AGAP009949-PA
JHU_Ag_13285	LGYGSHDASAVYVR	AGAP009949-PA	-	124	6.90E-12	1	1494.738	2.91	Head	3R:+:46042941-46042982	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_14506	LLNDSGELSSLDASPVR	AGAP009949-PA	-	125	4.20E-12	2	1772.907	2.45	Ovary	3R:+:46041574-46041624	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_14539	YLEAQIQGSK	AGAP009949-PA	-	46	0.000366462	2	1136.596	1.18	Head	3R:+:46042189-46042203,46042301-46042315	exon=> In CDS Exon 5 and 6 of transcript AGAP009949-PA
JHU_Ag_17432	NAPVTHLLNRPVTVTRPETPEIDMSSVSNAVQSR	AGAP009949-PA	M24(Oxidation)	112	3.00E-11	1	3731.930	4.5	Ovary	3R:+:46041628-46041729	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_18338	GYVEMTGVDPETSNDINEAIISK	AGAP009949-PA	M5(Oxidation)	65	4.40E-06	2	2498.158	-1.06	Ovary	3R:+:46042111-46042179	exon=> In CDS Exon 5 of transcript AGAP009949-PA
JHU_Ag_19781	ISVPPAELRK	AGAP009949-PA	-	32	0.001158121	1	1109.668	0.21	Ovary	3R:+:46040629-46040658	exon=> In CDS Exon 1 of transcript AGAP009949-PA
JHU_Ag_20202	LALSLADGLEQSLPITAASNEVYK	AGAP009949-PA	-	85	1.79E-08	2	2503.337	3.23	Head	3R:+:46042857-46042928	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_20797	RLGYGSHDASAVYVR	AGAP009949-PA	-	48	0.000273016	1	1650.840	3.23	Ovary	3R:+:46042938-46042982	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_21567	DMVFGNCGVMSANLAGK	AGAP009949-PA	M2(Oxidation), C7(Carbamidomethyl), M10(Oxidation),"C7(Carbamidomethyl), M10(Oxidation)"	73	3.56E-07	2	1802.788	0.23	Ovary	3R:+:46041961-46041963,46042063-46042110	exon=> In CDS Exon 4 and 5 of transcript AGAP009949-PA
JHU_Ag_25187	NSFYLGDVGNATK	AGAP009949-PA	-	92	7.64E-09	1	1385.669	-0.72	Visceras	3R:+:46042409-46042447	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_26473	LLFEECQSCFEAISR	AGAP009949-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	90	1.30E-08	1	1888.858	0.44	Ovary	3R:+:46042364-46042408	exon=> In CDS Exon 6 of transcript AGAP009949-PA

JHU_Ag_27401	NAPVTHLLNRPVTVTRPETPEIDMSSVSNAVQSR	AGAP009949-PA	M24(Oxidation)	94	2.40E-09	1	3731.925	3.19	Head	3R:+:46041628-46041729	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_30559	LGYGSHDASAVYVR	AGAP009949-PA	-	56	4.23E-05	2	1494.733	-0.11	Visceras	3R:+:46042941-46042982	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_32786	LLFEECQSCFEAISR	AGAP009949-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	79	1.58E-07	2	1888.862	2.64	Head	3R:+:46042364-46042408	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_35267	RLGYGSHDASAVYVR	AGAP009949-PA	-	78	2.70E-07	1	1650.834	-0.32	Malpighian tubule	3R:+:46042938-46042982	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_35475	NSFYLGDVGNATK	AGAP009949-PA	-	75	4.36E-07	1	1385.671	1.13	Head	3R:+:46042409-46042447	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_38473	LLNDSGELSSLDASPVRR	AGAP009949-PA	-	42	0.000760961	1	1929.011	3.77	Salivary gland	3R:+:46041574-46041627	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_38995	NSFYLGDVGNATK	AGAP009949-PA	-	55	3.89E-05	1	1385.662	-5.65	Salivary gland	3R:+:46042409-46042447	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_42825	NSFYLGDVGNATK	AGAP009949-PA	-	90	1.42E-08	2	1385.671	0.96	Ovary	3R:+:46042409-46042447	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_43371	LLFEECQSCFEAISR	AGAP009949-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	78	2.03E-07	2	1888.862	2.45	Male reproductive organs	3R:+:46042364-46042408	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_44977	YLEAQIQGSK	AGAP009949-PA	-	70	1.65E-06	1	1136.594	-0.64	Salivary gland	3R:+:46042189-46042203,46042301-46042315	exon=> In CDS Exon 5 and 6 of transcript AGAP009949-PA
JHU_Ag_48875	FQPLFVGENEAANRPDPDEEFNR	AGAP009949-PA	-	107	3.16E-10	1	2691.249	2.17	Visceras	3R:+:46041024-46041092	exon=> In CDS Exon 3 of transcript AGAP009949-PA
JHU_Ag_49479	SGHSVVVWNR	AGAP009949-PA	-	56	2.78E-05	1	1140.591	-0.36	Ovary	3R:+:46041811-46041840	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_51733	NQAEEGTLIILASGDR	AGAP009949-PA	-	85	4.35E-08	2	1686.870	2.45	Head	3R:+:46042316-46042363	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_53029	NQAEEGTLIILASGDR	AGAP009949-PA	-	100	1.66E-09	2	1686.870	2.3	Ovary	3R:+:46042316-46042363	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_56919	AMLDDGVSGAPSPK	AGAP009949-PA	M2(Oxidation)	108	2.14E-10	2	1360.643	1.08	Ovary	3R:+:46041520-46041561	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_57430	GEFPTHHALK	AGAP009949-PA	-	46	0.00044321	2	1136.585	0.32	Ovary	3R:+:46042806-46042835	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_58130	ISVPPAELR	AGAP009949-PA	-	36	0.001543221	2	981.573	0.61	Malpighian tubule	3R:+:46040629-46040655	exon=> In CDS Exon 1 of transcript AGAP009949-PA
JHU_Ag_64918	DTHLNSSK	AGAP009949-PA	-	58	7.53E-06	1	901.438	0.71	Ovary	3R:+:46040856-46040879	exon=> In CDS Exon 2 of transcript AGAP009949-PA
JHU_Ag_67007	LGYGSHDASAVYVR	AGAP009949-PA	-	63	8.36E-06	1	1494.732	-1.36	Salivary gland	3R:+:46042941-46042982	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_67162	LLNDSGELSSLDASPVRR	AGAP009949-PA	-	107	2.10E-10	1	1929.009	2.63	Malpighian tubule	3R:+:46041574-46041627	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_67182	GYVEMTGVDPETSNDINEAIISKGGR	AGAP009949-PA	M5(Oxidation)	103	7.32E-10	1	2768.319	5.25	Malpighian tubule	3R:+:46042111-46042188	exon=> In CDS Exon 5 of transcript AGAP009949-PA
JHU_Ag_69049	AMLDDGVSGAPSPK	AGAP009949-PA	M2(Oxidation)	57	2.28E-05	2	1360.642	0.1	Salivary gland	3R:+:46041520-46041561	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_71356	DVLEVLELTNMSSEMMLQK	AGAP009949-PA	M11(Oxidation), M15(Oxidation), M16(Oxidation)	56	3.78E-05	1	2258.065	2.07	Head	3R:+:46042636-46042692	exon=> In CDS Exon 7 of transcript AGAP009949-PA
JHU_Ag_71365	LALSLADGLEQSLPITAASNEVYK	AGAP009949-PA	-	158	8.17E-16	1	2503.339	4.01	Ovary	3R:+:46042857-46042928	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_71501	YLEAQIQGSK	AGAP009949-PA	-	69	2.06E-06	1	1136.598	3.12	Ovary	3R:+:46042189-46042203,46042301-46042315	exon=> In CDS Exon 5 and 6 of transcript AGAP009949-PA
JHU_Ag_71667	LALSLADGLEQSLPITAASNEVYK	AGAP009949-PA	-	91	4.24E-09	2	2503.337	3.33	Visceras	3R:+:46042857-46042928	exon=> In CDS Exon 8 of transcript AGAP009949-PA

JHU_Ag_76030	ISVPPAELR	AGAP009949-PA	-	41	0.000376076	2	981.573	0.24	Ovary	3R:+:46040629-46040655	exon=> In CDS Exon 1 of transcript AGAP009949-PA
JHU_Ag_76680	FQPLFVGENEAANRPDPDEEFNRLR	AGAP009949-PA	-	79	1.89E-07	1	2960.439	3.39	Ovary	3R:+:46041024-46041098	exon=> In CDS Exon 3 of transcript AGAP009949-PA
JHU_Ag_82636	LLFEECQSCFEAISR	AGAP009949-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	86	3.06E-08	2	1888.857	0.05	Visceras	3R:+:46042364-46042408	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_87287	FQPLFVGENEAANRPDPDEEFNR	AGAP009949-PA	-	71	1.23E-06	1	2691.251	2.71	Head	3R:+:46041024-46041092	exon=> In CDS Exon 3 of transcript AGAP009949-PA
JHU_Ag_91403	AMLDDGVSGAPSPK	AGAP009949-PA	M2(Oxidation)	110	1.14E-10	2	1360.644	1.71	Malpighian tubule	3R:+:46041520-46041561	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_91779	AGLQQKDVLEVLELTNMSSEMMLQK	AGAP009949-PA	M21(Oxidation), M22(Oxidation)	54	5.00E-05	3	2867.428	2.82	Malpighian tubule	3R:+:46042618-46042692	exon=> In CDS Exon 7 of transcript AGAP009949-PA
JHU_Ag_93796	LLNDSGELSSLDASPVR	AGAP009949-PA	-	108	2.44E-10	2	1772.907	2.24	Visceras	3R:+:46041574-46041624	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_94991	LALSLADGLEQSLPITAASNEVYK	AGAP009949-PA	-	84	2.86E-08	2	2503.330	0.4	Midgut	3R:+:46042857-46042928	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_95865	NQAEEGTLIILASGDR	AGAP009949-PA	-	114	6.19E-11	2	1686.870	2.52	Salivary gland	3R:+:46042316-46042363	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_100862	QIEEFRVNPEK	AGAP009949-PA	-	39	0.002367 43	1	1388.715	-1.11	Ovary	3R:+:46040907-46040936,46041021-46041023	exon=> In CDS Exon 2 and 3 of transcript AGAP009949-PA
JHU_Ag_102716	GYVEMTGVDPETSNDINEAIISK	AGAP009949-PA	M5(Oxidation)	98	2.34E-09	2	2498.166	2.17	Head	3R:+:46042111-46042179	exon=> In CDS Exon 5 of transcript AGAP009949-PA
JHU_Ag_103217	FQPLFVGENEAANRPDPDEEFNR	AGAP009949-PA	-	104	6.32E-10	1	2691.252	3.06	Ovary	3R:+:46041024-46041092	exon=> In CDS Exon 3 of transcript AGAP009949-PA
JHU_Ag_103257	YLEAQIQGSK	AGAP009949-PA	-	62	9.75E-06	2	1136.597	2.26	Malpighian tubule	3R:+:46042189-46042203,46042301-46042315	exon=> In CDS Exon 5 and 6 of transcript AGAP009949-PA
JHU_Ag_103322	LLNDSGELSSLDASPVRR	AGAP009949-PA	-	63	5.16E-06	1	1929.004	0.07	Ovary	3R:+:46041574-46041627	exon=> In CDS Exon 4 of transcript AGAP009949-PA
JHU_Ag_105253	FQPLFVGENEAANRPDPDEEFNR	AGAP009949-PA	-	81	1.20E-07	1	2691.246	0.88	Salivary gland	3R:+:46041024-46041092	exon=> In CDS Exon 3 of transcript AGAP009949-PA
JHU_Ag_111359	NSFYLGDVGNATK	AGAP009949-PA	-	95	3.71E-09	1	1385.671	1.13	Malpighian tubule	3R:+:46042409-46042447	exon=> In CDS Exon 6 of transcript AGAP009949-PA
JHU_Ag_111652	LGYGSHDASAVYVR	AGAP009949-PA	-	90	1.74E-08	1	1494.733	-0.68	Ovary	3R:+:46042941-46042982	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_114516	LALSLADGLEQSLPITAASNEVYK	AGAP009949-PA	-	76	1.36E-07	2	2503.339	4.01	Malpighian tubule	3R:+:46042857-46042928	exon=> In CDS Exon 8 of transcript AGAP009949-PA
JHU_Ag_9471	TVPPLAAYLGPQAAR	AGAP009952-PA	-	40	0.000588674	1	1524.853	-0.03	Head	3R:+:46165680-46165724	exon=> In CDS Exon 4 of transcript AGAP009952-PA
JHU_Ag_14944	SLFSSIGEVESCK	AGAP009952-PA	C12(Carbamidomethyl)	87	2.70E-08	2	1442.688	3.5	Head	3R:+:46164544-46164582	exon=> In CDS Exon 1 of transcript AGAP009952-PA
JHU_Ag_89465	RFPGPIHHPTGR	AGAP009952-PA	-	37	0.002495835	1	1371.742	1.68	Head	3R:+:46165725-46165760	exon=> In CDS Exon 4 of transcript AGAP009952-PA
JHU_Ag_100889	FPGPIHHPTGR	AGAP009952-PA	-	52	9.07E-05	1	1215.639	0.74	Head	3R:+:46165728-46165760	exon=> In CDS Exon 4 of transcript AGAP009952-PA
JHU_Ag_65474	VLQVSFK	AGAP009952-PA,AGAP001883-PA,AGAP000965-PA	-	40	0.000304299	1	820.490	-3.29	Head	3R:+:46166419-46166439;2R:+:11857660-11857680;X:+:18546603-18546623	exon=> In CDS Exon 6 of transcript AGAP009952-PA;exon=> In CDS Exon 1 of transcript AGAP001883-PA;exon=> In CDS Exon 3 of transcript AGAP000965-PA
JHU_Ag_48471	NDPLIHAPDKK	AGAP009953-PA	-	63	5.56E-06	1	1247.672	-1.92	Head	3R:+:46205522-46205554	exon=> In CDS Exon 2 of transcript AGAP009953-PA
JHU_Ag_72038	NDPLIHAPDK	AGAP009953-PA	-	69	2.41E-06	1	1119.580	0.58	Head	3R:+:46205522-46205551	exon=> In CDS Exon 2 of transcript AGAP009953-PA

JHU_Ag_111536	MDPSILATMDRDALK	AGAP009953-PA	N-Term(Acetyl), M1(Oxidation), M9(Oxidation)	42	0.001081529	2	1750.840	3.01	Head	3R:+:46190690-46190734	exon=> In CDS Exon 1 of transcript AGAP009953-PA
JHU_Ag_108820	IELLVK	AGAP009958-PA	-	40	0.000168441	1	714.476	-0.55	Midgut	3R:+:46570999-46571016	exon=> In CDS Exon 2 of transcript AGAP009958-PA
JHU_Ag_116261	KQMEQEMMLELEK	AGAP009958-PA	Q2(Deamidated), M7(Oxidation),"Q2(Deamidated), M8(Oxidation)"	33	0.004691063	1	1683.753	-6.65	Visceras	3R:+:46571095-46571133	exon=> In CDS Exon 2 of transcript AGAP009958-PA
JHU_Ag_94145	AANVLLSELGDVK	AGAP009961-PA	-	60	9.59E-06	2	1328.746	2.69	Head	3R:+:46652851-46652889	exon=> In CDS Exon 3 of transcript AGAP009961-PA
JHU_Ag_110711	AANVLLSELGDVK	AGAP009961-PA	-	64	4.44E-06	2	1328.742	0.21	Salivary gland	3R:+:46652851-46652889	exon=> In CDS Exon 3 of transcript AGAP009961-PA
JHU_Ag_58563	LVAAIK	AGAP009966-PA	N-Term(Acetyl)	35	0.000270547	1	656.434	0.41	Male reproductive organs	3R:+:46876221-46876238	exon=> In CDS Exon 1 of transcript AGAP009966-PA
JHU_Ag_110387	SSIMRR	AGAP009967-PA	-	43	0.000366597	2	749.419	13.88	Salivary gland	3R:+:46899178-46899195	exon=> In CDS Exon 1 of transcript AGAP009967-PA
JHU_Ag_15976	KKPEGLLLIHLPDGPTAHFK	AGAP009968-PA	-	34	0.000423373	1	2211.275	4.38	Ovary	3R:-:46900378-46900319	exon=> In CDS Exon 1 of transcript AGAP009968-PA
JHU_Ag_24827	ENYTDILVVNENR	AGAP009968-PA	-	52	0.00011776	2	1578.782	3.82	Ovary	3R:-:46900417-46900379	exon=> In CDS Exon 1 of transcript AGAP009968-PA
JHU_Ag_32871	MLGALFHYEPEFR	AGAP009968-PA	M1(Oxidation)	74	6.02E-07	1	1625.779	0.28	Ovary	3R:-:46900201-46900163	exon=> In CDS Exon 1 of transcript AGAP009968-PA
JHU_Ag_47079	DITTHRPEVILNNFTTR	AGAP009968-PA	-	92	6.00E-09	1	2027.068	0.51	Ovary	3R:-:46900273-46900223	exon=> In CDS Exon 1 of transcript AGAP009968-PA
JHU_Ag_67522	KPEGLLLIHLPDGPTAHFK	AGAP009968-PA	-	41	0.00020816	1	2083.183	6.09	Ovary	3R:-:46900375-46900319	exon=> In CDS Exon 1 of transcript AGAP009968-PA
JHU_Ag_105281	SAIRENYTDILVVNENR	AGAP009968-PA	-	39	0.001517416	3	2006.034	1.93	Ovary	3R:-:46900429-46900379	exon=> In CDS Exon 1 of transcript AGAP009968-PA
JHU_Ag_110826	LGLTIGR	AGAP009968-PA	-	52	9.31E-05	2	729.461	-0.52	Ovary	3R:-:46900222-46900202	exon=> In CDS Exon 1 of transcript AGAP009968-PA
JHU_Ag_62084	NKDPILDVLR	AGAP009969-PA,AGAP009967-PA	-	43	0.000232579	1	1182.680	-3.33	Head	3R:+:46901621-46901650;3R:+:46899220-46899249	exon=> In CDS Exon 1 of transcript AGAP009969-PA;exon=> In CDS Exon 1 of transcript AGAP009967-PA
JHU_Ag_624	AVAALLQIPK	AGAP009970-PA	-	70	4.67E-08	2	1023.656	0.14	Visceras	3R:+:46920779-46920808	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_1082	LLEDKNGEVQNLAVK	AGAP009970-PA	-	58	1.19E-05	2	1669.916	2.13	Head	3R:+:46916846-46916890	exon=> In CDS Exon 2 of transcript AGAP009970-PA
JHU_Ag_1521	VIRPVDVQTTFDFTPYVSQLYTSTLQK	AGAP009970-PA	-	53	3.49E-05	3	3146.650	2.72	Head	3R:+:46918689-46918769	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_2495	LQMALQSESALMR	AGAP009970-PA	M12(Oxidation),M3(Oxidation),"M3(Oxidation), M12(Oxidation)"	72	1.07E-06	2	1477.752	1.2	Ovary	3R:+:46920059-46920097	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_3022	LVLVNPEELLPR	AGAP009970-PA	-	79	1.81E-08	1	1391.827	0.69	Ovary	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_3287	FTISDQPQPIDPLLR	AGAP009970-PA	-	70	8.76E-07	2	1739.940	4.31	Pupa	3R:+:46920122-46920166	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_4451	DISSIGLK	AGAP009970-PA	-	41	0.001155369	1	832.478	1.07	Ovary	3R:+:46917219-46917242	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_4958	DISSIGLK	AGAP009970-PA	-	46	0.00032713	1	832.479	1.88	Head	3R:+:46917219-46917242	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_7062	FGDLLVPFHELILK	AGAP009970-PA	-	49	2.99E-05	1	1640.957	9.98	Larva	3R:+:46917393-46917434	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_8773	VIEHLLDGLEKPQNPGTIR	AGAP009970-PA	-	124	1.58E-12	1	2129.173	0.94	Ovary	3R:+:46917540-46917596	exon=> In CDS Exon 3 of transcript AGAP009970-PA

JHU_Ag_10193	LNSLTLLDTLVTHYSQFLDPK	AGAP009970-PA	-	57	1.33E-05	1	2418.297	2.15	Malpighian tubule	3R:+:46919046-46919108	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_10880	LDQFVEPLRATCTLK	AGAP009970-PA	C12(Carbamidomethyl)	47	0.000183832	1	1790.955	4.73	Malpighian tubule	3R:+:46920668-46920712	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_11261	QQPEALVGVHEQILQEVMTLVR	AGAP009970-PA	M18(Oxidation)	74	2.73E-07	1	2533.357	4.96	Ovary	3R:+:46919208-46919273	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_11904	VNLSPIIGEVIPVLGSFLR	AGAP009970-PA	-	81	6.11E-09	1	2023.197	0.84	Midgut	3R:+:46918968-46919024	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_12193	VDIMQFLEHVQAGLR	AGAP009970-PA	M4(Oxidation)	103	5.78E-10	1	1771.924	4.3	Ovary	3R:+:46920449-46920493	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_13286	ALTMIAASPLR	AGAP009970-PA	M4(Oxidation)	55	2.91E-05	1	1159.650	-0.52	Malpighian tubule	3R:+:46918935-46918967	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_13844	HTVDDGLDIR	AGAP009970-PA	-	34	0.004501638	2	1140.561	-2.61	Head	3R:+:46920368-46920397	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_16584	LLEDKNGEVQNLAVK	AGAP009970-PA	-	91	4.39E-09	1	1669.918	3.38	Malpighian tubule	3R:+:46916846-46916890	exon=> In CDS Exon 2 of transcript AGAP009970-PA
JHU_Ag_17224	VIEHLLDGLEKPQNPGTIR	AGAP009970-PA	-	40	0.000449463	1	2129.171	-0.35	Male reproductive organs	3R:+:46917540-46917596	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_18130	VKENQVETIVDLLCANMVSNNEQLR	AGAP009970-PA	C14(Carbamidomethyl), M17(Oxidation)	40	0.001067348	3	2932.457	2.16	Ovary	3R:+:46917144-46917218	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_18564	VALVAFNSAVHNKPSLVR	AGAP009970-PA	-	36	0.000459996	1	1922.105	3.97	Malpighian tubule	3R:+:46920224-46920277	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_18748	VIEHLLDGLEKPQNPGTIR	AGAP009970-PA	-	81	2.86E-08	1	2129.187	7.39	Larva	3R:+:46917540-46917596	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_20324	VIEHLLDGLEKPQNPGTIR	AGAP009970-PA	-	75	1.15E-07	1	2129.184	5.76	Malpighian tubule	3R:+:46917540-46917596	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_21461	SPLLQGTALNCTLK	AGAP009970-PA	C11(Carbamidomethyl)	80	9.70E-08	2	1515.823	1.68	Malpighian tubule	3R:+:46919274-46919315	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_22405	HELLEEFYK	AGAP009970-PA	-	71	1.31E-06	1	1207.600	0.21	Head	3R:+:46918060-46918086	exon=> In CDS Exon 4 of transcript AGAP009970-PA
JHU_Ag_23529	FTISDQPQPIDPLLR	AGAP009970-PA	-	34	0.003260187	2	1739.936	1.64	Midgut	3R:+:46920122-46920166	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_24153	VNLSPIIGEVIPVLGSFLR	AGAP009970-PA	-	101	4.17E-11	1	2023.206	5.23	Ovary	3R:+:46918968-46919024	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_24761	FGDLLVPFHELILK	AGAP009970-PA	-	31	0.00313038	1	1640.942	0.83	Salivary gland	3R:+:46917393-46917434	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_24924	FGDLLVPFHELILK	AGAP009970-PA	-	40	0.000376354	1	1640.942	0.83	Pupa	3R:+:46917393-46917434	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_26877	SSSELQPLLESVQK	AGAP009970-PA	-	116	2.87E-11	1	1544.819	1.74	Ovary	3R:+:46920968-46921009	exon=> In CDS Exon 8 of transcript AGAP009970-PA
JHU_Ag_27642	LVLVNPEELLPR	AGAP009970-PA	-	55	4.21E-06	2	1391.830	2.79	Visceras	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_28983	LVLVNPEELLPR	AGAP009970-PA	-	56	3.71E-06	2	1391.830	3.14	Pupa	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_29864	DSSGQSNNNIDGRDTSMDQS	AGAP009970-PA	M17(Oxidation)	147	3.98E-15	1	2143.848	2.44	Malpighian tubule	3R:+:46921010-46921069	exon=> In CDS Exon 8 of transcript AGAP009970-PA
JHU_Ag_31081	VIEHLLDGLEKPQNPGTIR	AGAP009970-PA	-	80	4.38E-08	1	2129.174	1.2	Head	3R:+:46917540-46917596	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_31408	LVLVNPEELLPR	AGAP009970-PA	-	55	4.65E-06	2	1391.826	0.34	Male reproductive organs	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_31663	SPLLQGTALNCTLK	AGAP009970-PA	C11(Carbamidomethyl)	47	0.000158227	2	1515.829	5.95	Larva	3R:+:46919274-46919315	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_31794	DLLPELLPQLYSETK	AGAP009970-PA	-	40	0.000786109	2	1758.960	4.29	Visceras	3R:+:46920278-46920322	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_36391	FTISDQPQPIDPLLR	AGAP009970-PA	-	89	1.10E-08	1	1739.937	2.2	Malpighian tubule	3R:+:46920122-46920166	exon=> In CDS Exon 6 of transcript AGAP009970-PA

JHU_Ag_37131	LQMALQSESALMR	AGAP009970-PA	M3(Oxidation)	76	3.79E-07	2	1493.753	5.49	Malpighian tubule	3R:+:46920059-46920097	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_40266	FGDLLVPFHELILK	AGAP009970-PA	-	74	1.17E-07	1	1640.948	4.17	Ovary	3R:+:46917393-46917434	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_40313	LVLVNPEELLPR	AGAP009970-PA	-	74	6.37E-08	1	1391.828	1.48	Malpighian tubule	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_43228	TIVALSHLLTTCNNNAYNK	AGAP009970-PA	C12(Carbamidomethyl)	110	1.29E-10	1	2147.092	0.33	Ovary	3R:+:46917483-46917539	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_47833	LQMALQSESALMR	AGAP009970-PA	M3(Oxidation), M12(Oxidation)	37	0.002683344	2	1509.746	3.95	Larva	3R:+:46920059-46920097	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_48378	LVLVNPEELLPR	AGAP009970-PA	-	55	4.63E-06	1	1391.835	6.56	Larva	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_49355	TVISELPQSSNSLVPNVCQR	AGAP009970-PA	C18(Carbamidomethyl)	34	0.005363907	1	2228.139	2.21	Head	3R:+:46917243-46917302	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_49365	SPLLQGTALNCTLK	AGAP009970-PA	C11(Carbamidomethyl)	98	1.73E-09	1	1515.822	1.52	Ovary	3R:+:46919274-46919315	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_50073	LAALCPNAVLQK	AGAP009970-PA	C5(Carbamidomethyl)	38	0.001279842	1	1297.730	0.23	Salivary gland	3R:+:46920539-46920572,46920666-46920667	exon=> In CDS Exon 6 and 7 of transcript AGAP009970-PA
JHU_Ag_50972	VMFLLNQYSLR	AGAP009970-PA	M2(Oxidation)	79	1.33E-07	1	1399.741	0.35	Larva	3R:+:46917666-46917698	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_51948	VIRPVDVQTTFDFTPYVSQLYTSTLQK	AGAP009970-PA	-	47	0.000116453	1	3146.664	7.38	Malpighian tubule	3R:+:46918689-46918769	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_53447	AVAALLQIPK	AGAP009970-PA	-	63	2.48E-07	2	1023.657	1.22	Salivary gland	3R:+:46920779-46920808	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_53916	VMFLLNQYSLR	AGAP009970-PA	M2(Oxidation)	38	0.001572981	2	1399.745	3.49	Ovary	3R:+:46917666-46917698	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_53917	LFQALVQAQLPGLSYR	AGAP009970-PA	-	52	2.26E-05	2	1804.018	3.72	Head	3R:+:46919316-46919363	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_54894	VNLSPIIGEVIPVLGSFLRK	AGAP009970-PA	-	58	3.03E-07	1	2151.302	5.49	Malpighian tubule	3R:+:46918968-46919027	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_56781	IATEALLVLQQLVK	AGAP009970-PA	-	89	4.93E-10	1	1538.953	0.89	Ovary	3R:+:46918647-46918688	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_57363	FGDLLVPFHELILK	AGAP009970-PA	-	37	0.000771964	1	1640.940	-0.4	Midgut	3R:+:46917393-46917434	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_58088	SPEVDQEVKER	AGAP009970-PA	-	48	0.000227101	1	1315.653	2.75	Malpighian tubule	3R:+:46918776-46918808	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_59628	SDIFHAYIALLK	AGAP009970-PA	-	57	1.56E-05	2	1390.777	3.19	Head	3R:+:46918215-46918250	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_62938	VALVAFNSAVHNKPSLVR	AGAP009970-PA	-	104	7.71E-11	1	1922.108	5.69	Ovary	3R:+:46920224-46920277	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_64886	IATEALLVLQQLVK	AGAP009970-PA	-	57	7.73E-07	1	1538.951	-0.22	Malpighian tubule	3R:+:46918647-46918688	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_66617	DLLPELLPQLYSETK	AGAP009970-PA	-	43	0.000436459	1	1758.956	2	Malpighian tubule	3R:+:46920278-46920322	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_67209	SDIFHAYIALLK	AGAP009970-PA	-	77	1.41E-07	1	1390.777	3.19	Malpighian tubule	3R:+:46918215-46918250	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_67393	HLLGMLMNPVYNQQQHGGSPLHK	AGAP009970-PA	M5(Oxidation), M7(Oxidation)	53	7.16E-05	1	2631.300	2.94	Larva	3R:+:46919364-46919432	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_69936	LVLVNPEELLPR	AGAP009970-PA	-	44	5.87E-05	2	1391.831	3.93	Salivary gland	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_72991	GAVGEVPPLLSESDLHVAQLSLVLLTSVAR	AGAP009970-PA	-	76	2.87E-08	1	3070.733	5.76	Malpighian tubule	3R:+:46919118-46919207	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_75530	RQYLLLHSLK	AGAP009970-PA	-	64	1.10E-06	1	1270.763	0.32	Ovary	3R:+:46919849-46919878	exon=> In CDS Exon 6 of transcript AGAP009970-PA

JHU_Ag_76268	SPEVDQEVKER	AGAP009970-PA	-	58	1.88E-05	1	1315.648	-0.41	Ovary	3R:+:46918776-46918808	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_77366	AVAALLQIPK	AGAP009970-PA	-	67	8.79E-08	2	1023.655	-0.69	Malpighian tubule	3R:+:46920779-46920808	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_79060	HELLEEFYK	AGAP009970-PA	-	40	0.001700259	2	1207.601	1.32	Larva	3R:+:46918060-46918086	exon=> In CDS Exon 4 of transcript AGAP009970-PA
JHU_Ag_79459	IATEALLVLQQLVK	AGAP009970-PA	-	46	7.87E-06	2	1538.954	1.68	Midgut	3R:+:46918647-46918688	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_81171	LLEDKNGEVQNLAVK	AGAP009970-PA	-	48	0.000123489	1	1669.914	0.96	Ovary	3R:+:46916846-46916890	exon=> In CDS Exon 2 of transcript AGAP009970-PA
JHU_Ag_81454	LVLVNPEELLPR	AGAP009970-PA	-	61	1.30E-06	2	1391.832	4.46	Head	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_81940	FTISDQPQPIDPLLR	AGAP009970-PA	-	83	4.05E-08	1	1739.940	4.1	Head	3R:+:46920122-46920166	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_82232	AVAALLQIPK	AGAP009970-PA	-	63	2.21E-07	2	1023.656	0.14	Pupa	3R:+:46920779-46920808	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_84067	DSSGQSNNNIDGR	AGAP009970-PA	N7(Deamidated)	51	2.72E-05	2	1364.567	-0.03	Head	3R:+:46921010-46921048	exon=> In CDS Exon 8 of transcript AGAP009970-PA
JHU_Ag_87565	SSSELQPLLESVQK	AGAP009970-PA	-	109	1.69E-10	1	1544.825	5.06	Malpighian tubule	3R:+:46920968-46921009	exon=> In CDS Exon 8 of transcript AGAP009970-PA
JHU_Ag_88450	TYIQCLAAICR	AGAP009970-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	100	1.56E-09	1	1368.678	1.08	Ovary	3R:+:46917597-46917629	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_88838	SSSELQPLLESVQK	AGAP009970-PA	-	68	1.80E-06	2	1544.823	3.8	Head	3R:+:46920968-46921009	exon=> In CDS Exon 8 of transcript AGAP009970-PA
JHU_Ag_89270	LVLVNPEELLPR	AGAP009970-PA	-	48	2.64E-05	2	1391.823	-1.68	Midgut	3R:+:46920023-46920058	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_92178	ALTMIAASPLR	AGAP009970-PA	M4(Oxidation)	72	5.63E-07	2	1159.650	0.01	Ovary	3R:+:46918935-46918967	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_92486	VIRPVDVQTTFDFTPYVSQLYTSTLQK	AGAP009970-PA	-	171	4.71E-17	1	3146.655	4.47	Ovary	3R:+:46918689-46918769	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_93449	AVAALLQIPK	AGAP009970-PA	-	67	8.30E-08	2	1023.656	0.14	Ovary	3R:+:46920779-46920808	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_94077	SSSELQPLLESVQK	AGAP009970-PA	-	51	0.000103145	2	1544.817	0.08	Midgut	3R:+:46920968-46921009	exon=> In CDS Exon 8 of transcript AGAP009970-PA
JHU_Ag_94459	SDIFHAYIALLK	AGAP009970-PA	-	91	6.77E-09	1	1390.775	1.43	Ovary	3R:+:46918215-46918250	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_94760	LFQALVQAQLPGLSYR	AGAP009970-PA	-	31	0.003393858	1	1804.011	-0.62	Malpighian tubule	3R:+:46919316-46919363	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_95277	TVISELPQSSNSLVPNVCQR	AGAP009970-PA	C18(Carbamidomethyl)	78	2.10E-07	2	2228.146	5.49	Malpighian tubule	3R:+:46917243-46917302	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_95394	TAVVSAIKFTISDQPQPIDPLLR	AGAP009970-PA	-	45	8.75E-05	1	2509.418	5.98	Malpighian tubule	3R:+:46920098-46920166	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_96312	HFNLHTIDTLAQTILNCFSASSEDVK	AGAP009970-PA	C17(Carbamidomethyl)	130	1.34E-12	1	2961.457	5.27	Ovary	3R:+:46919592-46919596,46919683-46919755	exon=> In CDS Exon 5 and 6 of transcript AGAP009970-PA
JHU_Ag_96626	LAALCPNAVLQK	AGAP009970-PA	C5(Carbamidomethyl)	43	0.000303302	1	1297.731	0.79	Ovary	3R:+:46920539-46920572,46920666-46920667	exon=> In CDS Exon 6 and 7 of transcript AGAP009970-PA
JHU_Ag_97204	DLLPELLPQLYSETK	AGAP009970-PA	-	77	1.73E-07	1	1758.956	2.14	Ovary	3R:+:46920278-46920322	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_98087	LDQFVEPLR	AGAP009970-PA	-	56	4.88E-05	2	1116.606	1.15	Malpighian tubule	3R:+:46920668-46920694	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_99443	VIEHLLDGLEKPQNPGTIR	AGAP009970-PA	-	38	0.000593555	1	2129.177	2.83	Pupa	3R:+:46917540-46917596	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_100104	FTISDQPQPIDPLLR	AGAP009970-PA	-	84	3.56E-08	1	1739.936	1.71	Ovary	3R:+:46920122-46920166	exon=> In CDS Exon 6 of transcript AGAP009970-PA

JHU_Ag_103078	QCIGQFLFALQDPEPSVR	AGAP009970-PA	C2(Carbamidomethyl)	70	1.43E-06	1	2105.052	1.67	Visceras	3R:+:46920167-46920220	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_104802	TAVVSAIK	AGAP009970-PA	-	41	0.000455345	2	788.487	-0.33	Ovary	3R:+:46920098-46920121	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_104946	LAALCPNAVLQKLDQFVEPLR	AGAP009970-PA	C5(Carbamidomethyl)	67	5.26E-07	1	2395.332	6.17	Malpighian tubule	3R:+:46920539-46920572,46920666-46920694	exon=> In CDS Exon 6 and 7 of transcript AGAP009970-PA
JHU_Ag_105407	HELLEEFYK	AGAP009970-PA	-	67	3.58E-06	1	1207.600	0.11	Ovary	3R:+:46918060-46918086	exon=> In CDS Exon 4 of transcript AGAP009970-PA
JHU_Ag_106506	DSIKLDDESEK	AGAP009970-PA	-	37	0.00351331	2	1278.607	0.93	Ovary	3R:+:46916789-46916821	exon=> In CDS Exon 2 of transcript AGAP009970-PA
JHU_Ag_106670	LNSLTLLDTLVTHYSQFLDPK	AGAP009970-PA	-	71	4.74E-07	1	2418.292	0.11	Midgut	3R:+:46919046-46919108	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_107049	EREENVK	AGAP009970-PA	-	32	0.011034298	1	903.451	-1.93	Head	3R:+:46918120-46918120,46918195-46918214	exon=> In CDS Exon 4 and 5 of transcript AGAP009970-PA
JHU_Ag_107992	LFQALVQAQLPGLSYR	AGAP009970-PA	-	42	0.00022933	1	1804.020	4.39	Larva	3R:+:46919316-46919363	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_108126	SDIFHAYIALLK	AGAP009970-PA	-	73	4.01E-07	1	1390.771	-1.29	Midgut	3R:+:46918215-46918250	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_109549	STRPMGDDIGHDPDSMEQIPGPISMLTDQVPTIVK	AGAP009970-PA	M5(Oxidation), M16(Oxidation), M25(Oxidation)	72	5.56E-07	1	3825.812	3.53	Ovary	3R:+:46918251-46918355	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_110083	STRPMGDDIGHDPDSMEQIPGPISMLTDQVPTIVK	AGAP009970-PA	M5(Oxidation), M16(Oxidation), M25(Oxidation)	53	4.34E-05	1	3825.810	3.21	Malpighian tubule	3R:+:46918251-46918355	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_111163	CPEAIMPHIPTIVDLCLK	AGAP009970-PA	C1(Carbamidomethyl), M6(Oxidation), C16(Carbamidomethyl)	68	2.47E-06	1	2123.079	4.36	Ovary	3R:+:46917756-46917788,46917862-46917882	exon=> In CDS Exon 3 and 4 of transcript AGAP009970-PA
JHU_Ag_111295	VNLSPIIGEVIPVLGSFLR	AGAP009970-PA	-	87	1.16E-09	1	2023.203	3.79	Malpighian tubule	3R:+:46918968-46919024	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_111894	SPLLQGTALNCTLK	AGAP009970-PA	C11(Carbamidomethyl)	80	8.25E-08	1	1515.828	5.07	Head	3R:+:46919274-46919315	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_112009	DLLPELLPQLYSETK	AGAP009970-PA	-	57	1.81E-05	2	1758.961	4.64	Head	3R:+:46920278-46920322	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_113814	FGDLLVPFHELILK	AGAP009970-PA	-	62	2.34E-06	1	1640.944	1.83	Malpighian tubule	3R:+:46917393-46917434	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_115743	ELISSLSTSK	AGAP009970-PA	-	33	0.004859596	2	1064.585	1.26	Head	3R:+:46919879-46919908	exon=> In CDS Exon 6 of transcript AGAP009970-PA
JHU_Ag_115819	TYIQCLAAICR	AGAP009970-PA	C5(Carbamidomethyl), C10(Carbamidomethyl)	67	3.05E-06	2	1368.680	2.78	Head	3R:+:46917597-46917629	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_115906	VIEHLLDGLEKPQNPGTIR	AGAP009970-PA	-	115	1.26E-11	1	2129.174	1.11	Visceras	3R:+:46917540-46917596	exon=> In CDS Exon 3 of transcript AGAP009970-PA
JHU_Ag_115979	HELLEEFYK	AGAP009970-PA	-	47	0.000330605	1	1207.598	-1.2	Pupa	3R:+:46918060-46918086	exon=> In CDS Exon 4 of transcript AGAP009970-PA
JHU_Ag_116345	LDQFVEPLR	AGAP009970-PA	-	61	1.01E-05	2	1116.609	3.67	Ovary	3R:+:46920668-46920694	exon=> In CDS Exon 7 of transcript AGAP009970-PA
JHU_Ag_116409	SDIFHAYIALLK	AGAP009970-PA	-	74	2.75E-07	2	1390.778	3.98	Larva	3R:+:46918215-46918250	exon=> In CDS Exon 5 of transcript AGAP009970-PA
JHU_Ag_4765	DAFITALCR	AGAP009972-PA	C8(Carbamidomethyl)	64	5.03E-06	2	1066.537	1.98	Salivary gland	3R:-:46934565-46934539	exon=> In CDS Exon 2 of transcript AGAP009972-PA
JHU_Ag_40402	LLETGLVNLSR	AGAP009972-PA	-	91	4.25E-09	2	1214.714	3.22	Salivary gland	3R:-:46933926-46933894	exon=> In CDS Exon 2 of transcript AGAP009972-PA
JHU_Ag_71837	DLADTLDQFLFTK	AGAP009972-PA	-	50	0.000153335	2	1526.775	0.53	Midgut	3R:-:46930871-46930833	exon=> In CDS Exon 5 of transcript AGAP009972-PA

JHU_Ag_100494	DSTTINTAGATVR	AGAP009972-PA	-	60	1.74E-05	2	1306.662	1.9	Head	3R:-:46935918-46935880	exon=> In CDS Exon 1 of transcript AGAP009972-PA
JHU_Ag_103091	GVFLPLVVTFPSGQSK	AGAP009972-PA	-	60	4.29E-06	1	1675.944	1.51	Malpighian tubule	3R:-:46934961-46934914	exon=> In CDS Exon 2 of transcript AGAP009972-PA
JHU_Ag_33603	AVAGEAGVPFFHAAGPEFDEVLVGQGAR	AGAP009973-PA	-	63	6.82E-06	1	2798.406	5.64	Larva	3R:+:46976088-46976171	exon=> In CDS Exon 3 of transcript AGAP009973-PA
JHU_Ag_52814	AVAGEAGVPFFHAAGPEFDEVLVGQGAR	AGAP009973-PA	-	61	1.14E-05	1	2798.387	-1.1	Midgut	3R:+:46976088-46976171	exon=> In CDS Exon 3 of transcript AGAP009973-PA
JHU_Ag_61832	AVAGEAGVPFFHAAGPEFDEVLVGQGAR	AGAP009973-PA	-	61	1.02E-05	1	2798.406	5.77	Visceras	3R:+:46976088-46976171	exon=> In CDS Exon 3 of transcript AGAP009973-PA
JHU_Ag_83913	ERAPCVIFIDEIDSVGAK	AGAP009973-PA	C5(Carbamidomethyl)	46	0.000346967	3	2019.041	9.75	Midgut	3R:+:46976300-46976353	exon=> In CDS Exon 4 of transcript AGAP009973-PA
JHU_Ag_90381	ITAYHEGGHAIVAYYTK	AGAP009973-PA	-	96	3.42E-09	1	1893.949	-0.21	Head	3R:+:46976866-46976916	exon=> In CDS Exon 5 of transcript AGAP009973-PA
JHU_Ag_94391	AVAGEAGVPFFHAAGPEFDEVLVGQGAR	AGAP009973-PA	-	89	1.92E-08	1	2798.400	3.68	Malpighian tubule	3R:+:46976088-46976171	exon=> In CDS Exon 3 of transcript AGAP009973-PA
JHU_Ag_101159	AVAGEAGVPFFHAAGPEFDEVLVGQGAR	AGAP009973-PA	-	70	1.50E-06	1	2798.391	0.34	Ovary	3R:+:46976088-46976171	exon=> In CDS Exon 3 of transcript AGAP009973-PA
JHU_Ag_107492	ERAPCVIFIDEIDSVGAK	AGAP009973-PA	C5(Carbamidomethyl)	77	2.92E-07	1	2019.026	1.95	Head	3R:+:46976300-46976353	exon=> In CDS Exon 4 of transcript AGAP009973-PA
JHU_Ag_14806	DDAEEDSEEGGEEGGDGASGGEGGEK	AGAP009974-PA	-	143	1.89E-15	2	2468.896	1.26	Head	3R:-:46979083-46979292,46978863-46978935	exon=> In CDS Exon 4 and 3 of transcript AGAP009974-PA
JHU_Ag_69226	DDAEEDSEEGGEEGGDGASGGEGGEK	AGAP009974-PA	-	128	1.04E-13	2	2468.897	1.55	Salivary gland	3R:-:46979083-46979292,46978863-46978935	exon=> In CDS Exon 4 and 3 of transcript AGAP009974-PA
JHU_Ag_70285	EGEEGAGSDDAVSGADDETEESK	AGAP009974-PA	-	160	1.18E-16	1	2283.888	0.92	Head	3R:-:46979152-46979084	exon=> In CDS Exon 3 of transcript AGAP009974-PA
JHU_Ag_82805	IMKVDTK	AGAP009974-PA	M2(Oxidation)	46	0.000302625	1	850.471	1.03	Salivary gland	3R:-:46978886-46978866	exon=> In CDS Exon 4 of transcript AGAP009974-PA
JHU_Ag_99765	EGEEGAGSDDAVSGADDETEESK	AGAP009974-PA	-	185	3.60E-19	1	2283.887	0.6	Salivary gland	3R:-:46979152-46979084	exon=> In CDS Exon 3 of transcript AGAP009974-PA
JHU_Ag_34197	LSNERK	AGAP009980-PA	N3(Deamidated)	42	0.001347037	2	747.401	1.4	Ovary	3R:+:47088871-47088888	exon=> In CDS Exon 2 of transcript AGAP009980-PA
JHU_Ag_71845	QVPPNLK	AGAP009981-PA	-	38	0.000679767	2	795.483	13.33	Salivary gland	3R:+:47099746-47099755,47099852-47099862	exon=> In CDS Exon 1 and 2 of transcript AGAP009981-PA
JHU_Ag_25870	DKPQRPQQPKPSPPK	AGAP009982-PA	-	50	7.71E-05	1	1727.954	-0.49	Head	3R:+:47101713-47101757	exon=> In CDS Exon 1 of transcript AGAP009982-PA
JHU_Ag_51416	SIDFLLGDEELQAVVKPIAR	AGAP009982-PA	-	42	0.000236295	1	2213.228	4.56	Visceras	3R:+:47101137-47101196	exon=> In CDS Exon 1 of transcript AGAP009982-PA
JHU_Ag_60446	DKPQRPQQPKPSPPK	AGAP009982-PA	-	40	0.000713164	1	1727.954	-0.63	Visceras	3R:+:47101713-47101757	exon=> In CDS Exon 1 of transcript AGAP009982-PA
JHU_Ag_107434	SIDFLLGDEELQAVVKPIAR	AGAP009982-PA	-	51	3.44E-05	1	2213.228	4.56	Head	3R:+:47101137-47101196	exon=> In CDS Exon 1 of transcript AGAP009982-PA
JHU_Ag_3648	KPIVLGKPGLPMSK	AGAP009985-PA	M12(Oxidation)	62	6.37E-07	1	1480.892	0.04	Midgut	3R:-:47244147-47244106	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_4077	FGHTSNYQTLLVGTGNYKEDDLQK	AGAP009985-PA	-	124	5.32E-12	1	2728.322	0.22	Male reproductive organs	3R:-:47244027-47243956	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_4606	VLFVGDQPEMDVK	AGAP009985-PA	M10(Oxidation)	65	5.07E-06	1	1492.736	0.4	Midgut	3R:-:47244066-47244028	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_5435	LADKPDELPDYYIDSFAELEQIVR	AGAP009985-PA	-	74	5.20E-07	1	2839.388	-5.38	Midgut	3R:-:47243955-47243884	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_8328	KPIVLGKPGLPMSK	AGAP009985-PA	M12(Oxidation)	62	5.33E-07	1	1480.889	-1.9	Male reproductive organs	3R:-:47244147-47244106	exon=> In CDS Exon 3 of transcript AGAP009985-PA

JHU_Ag_9324	VIYVSNNSVR	AGAP009985-PA	-	64	4.53E-06	1	1150.623	1.68	Malpighian tubule	3R:-:47244708-47244679	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_10078	EVAAVVNDGQPVK	AGAP009985-PA	-	52	6.06E-05	1	1325.706	-0.22	Midgut	3R:-:47244369-47244331	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_24854	VIYVSNNSVR	AGAP009985-PA	-	57	1.90E-05	2	1150.622	0.19	Midgut	3R:-:47244708-47244679	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_26141	EVAAVVNDGQPVK	AGAP009985-PA	-	76	2.74E-07	1	1325.706	-0.04	Male reproductive organs	3R:-:47244369-47244331	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_27859	NFDGLCYVIGSSNFK	AGAP009985-PA	C6(Carbamidomethyl)	78	2.48E-07	1	1720.806	3.61	Malpighian tubule	3R:-:47244570-47244526	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_30150	NFDGLCYVIGSSNFK	AGAP009985-PA	C6(Carbamidomethyl)	111	1.17E-10	1	1720.798	-1.36	Midgut	3R:-:47244570-47244526	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_30916	LTDYTIDEEDIIHPAK	AGAP009985-PA	-	76	3.49E-07	1	1872.926	1.78	Malpighian tubule	3R:-:47244645-47244598	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_35111	NFDGLCYVIGSSNFK	AGAP009985-PA	C6(Carbamidomethyl)	119	2.23E-11	1	1720.808	4.46	Male reproductive organs	3R:-:47244570-47244526	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_49331	YIGPGCYVEILQNVADR	AGAP009985-PA	C6(Carbamidomethyl)	137	2.77E-13	1	1966.968	-0.45	Male reproductive organs	3R:-:47244198-47244148	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_51073	HDALFIAGAMDKVLPVGPR	AGAP009985-PA	-	40	0.000691746	3	2007.084	-0.45	Malpighian tubule	3R:-:47244261-47244205	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_53756	HDALFIAGAMDK	AGAP009985-PA	M10(Oxidation)	53	8.58E-05	2	1304.631	0.74	Male reproductive organs	3R:-:47244261-47244226	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_57718	AVIVDFDYNMNNIK	AGAP009985-PA	M10(Oxidation)	61	1.15E-05	1	1671.803	-1.25	Male reproductive organs	3R:-:47244330-47244289	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_62663	EAGFQILDGPNEPVNESIR	AGAP009985-PA	-	46	0.000359973	1	2085.021	-1.7	Pupa	3R:-:47244513-47244785,47243836-47244370	exon=> In CDS Exon 3 and 2 of transcript AGAP009985-PA
JHU_Ag_64368	VIYVSNNSVR	AGAP009985-PA	-	56	2.83E-05	1	1150.622	0.51	Male reproductive organs	3R:-:47244708-47244679	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_64970	FGHTSNYQTLLVGTGNYKEDDLQK	AGAP009985-PA	-	71	1.13E-06	1	2728.321	-0.18	Midgut	3R:-:47244027-47243956	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_68547	IVIHYLR	AGAP009985-PA	-	34	0.00151841	1	913.565	3.8	Male reproductive organs	3R:-:47244597-47244577	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_70278	EVAAVVNDGQPVK	AGAP009985-PA	-	68	1.64E-06	2	1325.707	0.51	Malpighian tubule	3R:-:47244369-47244331	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_71403	VLFVGDQPEMDVK	AGAP009985-PA	M10(Oxidation)	48	0.000280229	1	1492.736	0.15	Male reproductive organs	3R:-:47244066-47244028	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_79579	EVAAVVNDGQPVK	AGAP009985-PA	-	41	0.000716863	2	1325.707	0.42	Head	3R:-:47244369-47244331	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_86171	EAGFQILDGPNEPVNESIR	AGAP009985-PA	-	100	1.46E-09	1	2085.023	-1	Midgut	3R:-:47244513-47244785,47243836-47244370	exon=> In CDS Exon 3 and 2 of transcript AGAP009985-PA
JHU_Ag_86774	EAGFQILDGPNEPVNESIR	AGAP009985-PA	-	141	1.15E-13	1	2085.028	1.46	Male reproductive organs	3R:-:47244513-47244785,47243836-47244370	exon=> In CDS Exon 3 and 2 of transcript AGAP009985-PA
JHU_Ag_90017	LTDYTIDEEDIIHPAK	AGAP009985-PA	-	36	0.003656716	1	1872.928	2.75	Head	3R:-:47244645-47244598	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_95933	LTDYTIDEEDIIHPAK	AGAP009985-PA	-	74	5.86E-07	1	1872.932	5.1	Midgut	3R:-:47244645-47244598	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_100067	EAGFQILDGPNEPVNESIR	AGAP009985-PA	-	84	6.20E-08	1	2085.030	2.28	Malpighian tubule	3R:-:47244513-47244785,47243836-47244370	exon=> In CDS Exon 3 and 2 of transcript AGAP009985-PA
JHU_Ag_100094	LTDYTIDEEDIIHPAK	AGAP009985-PA	-	36	0.003446298	1	1872.933	5.78	Male reproductive organs	3R:-:47244645-47244598	exon=> In CDS Exon 2 of transcript AGAP009985-PA
JHU_Ag_115854	FGHTSNYQTLLVGTGNYK	AGAP009985-PA	-	138	2.50E-13	1	1999.989	0.72	Malpighian tubule	3R:-:47244027-47243974	exon=> In CDS Exon 3 of transcript AGAP009985-PA

JHU_Ag_116954	YIGPGCYVEILQNVADR	AGAP009985-PA	C6(Carbamidomethyl)	112	1.00E-10	1	1966.969	-0.02	Midgut	3R:-:47244198-47244148	exon=> In CDS Exon 3 of transcript AGAP009985-PA
JHU_Ag_323	AQFAAVLDSVGGK	AGAP009988-PA	-	62	9.29E-06	2	1262.672	-1.55	Midgut	3R:-:47253452-47253414	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_1004	FEAILPLFEAK	AGAP009988-PA	-	39	0.000958316	2	1277.717	2.46	Visceras	3R:-:47253650-47253618	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_28678	FEAILPLFEAK	AGAP009988-PA	-	57	1.51E-05	2	1277.710	-2.99	Midgut	3R:-:47253650-47253618	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_48445	IVGDLQCHQSQLVNLLDAYAK	AGAP009988-PA	C7(Carbamidomethyl)	43	0.000655607	1	2385.225	0.61	Head	3R:-:47253413-47253351	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_50497	SKLDNPYETIIAR	AGAP009988-PA	-	33	0.00561755	1	1519.818	4.44	Malpighian tubule	3R:-:47253854-47253816	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_62198	NWFEHSNLVAFVHVNSIK	AGAP009988-PA	N7(Deamidated),N1(Deamidated)	80	1.33E-07	1	2141.102	4.41	Ovary	3R:-:47253806-47253753	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_68980	IVGDLQCHQSQLVNLLDAYAK	AGAP009988-PA	C7(Carbamidomethyl)	60	1.05E-05	1	2385.232	3.52	Visceras	3R:-:47253413-47253351	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_76703	KPEFNAPCIDAER	AGAP009988-PA	C8(Carbamidomethyl)	47	0.000245573	3	1546.729	-1.87	Head	3R:-:47253908-47253870	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_83816	VLEVIKPYYK	AGAP009988-PA	-	56	5.60E-06	1	1251.736	0.79	Midgut	3R:-:47253938-47253909	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_88681	FEAILPLFEAK	AGAP009988-PA	-	44	0.000266723	2	1277.713	-0.5	Ovary	3R:-:47253650-47253618	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_91996	AQFAAVLDSVGGK	AGAP009988-PA	-	69	1.73E-06	2	1262.675	0.58	Visceras	3R:-:47253452-47253414	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_98204	FEAILPLFEAK	AGAP009988-PA	-	33	0.003461452	2	1277.712	-1.84	Pupa	3R:-:47253650-47253618	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_102117	FEAILPLFEAK	AGAP009988-PA	-	32	0.004287028	2	1277.714	0.26	Head	3R:-:47253650-47253618	exon=> In CDS Exon 1 of transcript AGAP009988-PA
JHU_Ag_59070	LEMPDTPGK	AGAP009990-PA	-	38	0.001409304	1	987.485	3.16	Head	3R:+:47318854-47318880	exon=> In CDS Exon 12 of transcript AGAP009990-PA
JHU_Ag_13643	GPNTNGCQFYITTLPAPWLDGK	AGAP009991-PA	N5(Deamidated), C7(Carbamidomethyl),"C7(Carbamidomethyl), Q8(Deamidated)","N3(Deamidated), C7(Carbamidomethyl)",C7(Carbamidomethyl)	81	1.33E-07	2	2450.180	-0.42	Head	3R:+:47332116-47332181	exon=> In CDS Exon 3 of transcript AGAP009991-PA
JHU_Ag_19619	VLDGQAVVHKVEQVR	AGAP009991-PA	-	73	1.55E-07	1	1676.942	-1.12	Head	3R:+:47332200-47332244	exon=> In CDS Exon 3 of transcript AGAP009991-PA
JHU_Ag_28348	ITIGMFGEEAPK	AGAP009991-PA	M5(Oxidation)	69	2.18E-06	2	1292.656	0.08	Head	3R:+:47331779-47331814	exon=> In CDS Exon 2 of transcript AGAP009991-PA
JHU_Ag_28365	HTIFGK	AGAP009991-PA	-	39	0.003182788	1	702.393	-0.33	Head	3R:+:47332182-47332199	exon=> In CDS Exon 3 of transcript AGAP009991-PA
JHU_Ag_41419	DVDGFSYK	AGAP009991-PA	-	66	1.25E-06	1	930.422	1.22	Head	3R:+:47331848-47331871	exon=> In CDS Exon 2 of transcript AGAP009991-PA
JHU_Ag_116901	VLDGQAVVHK	AGAP009991-PA	-	75	2.09E-07	1	1065.606	0.44	Head	3R:+:47332200-47332229	exon=> In CDS Exon 3 of transcript AGAP009991-PA
JHU_Ag_75125	TSALYLEHYLDGLEHLPNELKR	AGAP009992-PA	N-Term(Acetyl)	130	1.05E-12	1	2653.360	-0.71	Ovary	3R:+:47334787-47334820,47334923-47334954	exon=> In CDS Exon 1 and 2 of transcript AGAP009992-PA
JHU_Ag_84054	LAHVHQRPFGQR	AGAP009995-PA	-	62	6.66E-06	1	1445.790	1.56	Head	3R:-:47378611-47378749,47378262-47378505	exon=> In CDS Exon 9 and 8 of transcript AGAP009995-PA

JHU_Ag_116813	YTLFGQVIDGFEALDELEK	AGAP009996-PA	-	111	8.62E-11	1	2187.093	3.26	Ovary	3R:+:47428726-47428742,47428810-47428849	exon=> In CDS Exon 1 and 2 of transcript AGAP009996-PA
JHU_Ag_19846	QLPTVILFR	AGAP009997-PA	-	32	0.002836507	2	1086.668	0.67	Midgut	3R:+:47430684-47430710	exon=> In CDS Exon 1 of transcript AGAP009997-PA
JHU_Ag_31156	YHVSDSSFSR	AGAP009997-PA	-	35	0.003077003	1	1184.533	-0.18	Midgut	3R:+:47430654-47430683	exon=> In CDS Exon 1 of transcript AGAP009997-PA
JHU_Ag_76800	YHVSDSSFSR	AGAP009997-PA	-	51	7.28E-05	1	1184.529	-3.17	Head	3R:+:47430654-47430683	exon=> In CDS Exon 1 of transcript AGAP009997-PA
JHU_Ag_359	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	35	0.004389567	1	1142.579	1.16	Malpighian tubule	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_1129	RDYLHFIR	AGAP009998-PA	-	55	3.80E-05	1	1119.608	1.76	Ovary	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_1169	QLGINLNR	AGAP009998-PA	-	45	0.000232781	2	927.539	2.06	Malpighian tubule	3R:+:47432484-47432507	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_1431	DYLHFIR	AGAP009998-PA	-	50	0.000165748	1	963.507	2.33	Larva	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_2950	EAITGTYIDKK	AGAP009998-PA	-	54	3.93E-05	1	1238.662	-0.67	Salivary gland	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_3042	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	59	1.44E-05	1	1142.577	-0.34	Midgut	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_7266	EAITGTYIDK	AGAP009998-PA	-	57	2.63E-05	2	1110.570	1.89	Malpighian tubule	3R:+:47432577-47432579,47432787-47432813	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_9578	EAITGTYIDK	AGAP009998-PA	-	40	0.001416498	2	1110.568	0.24	Pupa	3R:+:47432577-47432579,47432787-47432813	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_13456	RDYLHFIR	AGAP009998-PA	-	37	0.002555395	3	1119.608	2.01	Larva	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_14487	DYLHFIR	AGAP009998-PA	-	42	0.000778701	1	963.509	4.74	Midgut	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_14606	ILTGVVRK	AGAP009998-PA	-	44	4.64E-05	1	885.589	0.76	Malpighian tubule	3R:+:47432853-47432876	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_14643	RDYLHFIR	AGAP009998-PA	-	46	0.000323695	1	1119.609	2.82	Salivary gland	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_14842	ADQQNIR	AGAP009998-PA	N-Term(Acetyl)	51	6.20E-05	1	886.438	0.32	Ovary	3R:+:47431969-47431977,47432460-47432471	exon=> In CDS Exon 1 and 2 of transcript AGAP009998-PA
JHU_Ag_19536	DYLHFIR	AGAP009998-PA	-	45	0.000522526	1	963.503	-1.35	Malpighian tubule	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_19893	EAITGTYIDK	AGAP009998-PA	-	50	0.00012001	2	1110.569	0.9	Ovary	3R:+:47432577-47432579,47432787-47432813	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_20844	EAITGTYIDKK	AGAP009998-PA	-	63	4.55E-06	1	1238.663	-0.18	Pupa	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_21196	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	49	0.000144273	1	1142.576	-1.39	Pupa	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_24579	RDYLHFIR	AGAP009998-PA	-	59	1.59E-05	3	1119.605	-0.53	Midgut	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_24747	NMSVHLSPCFR	AGAP009998-PA	M2(Oxidation), C9(Carbamidomethyl)	61	7.21E-06	1	1363.626	0.86	Head	3R:+:47432961-47432992,47434540	exon=> In CDS Exon 3 and 4 of transcript AGAP009998-PA
JHU_Ag_27315	QLGINLNR	AGAP009998-PA	-	44	0.000234014	2	927.537	-0.38	Visceras	3R:+:47432484-47432507	exon=> In CDS Exon 2 of transcript AGAP009998-PA

JHU_Ag_30853	QLGINLNR	AGAP009998-PA	-	37	0.001303942	2	927.537	0.08	Pupa	3R:+:47432484-47432507	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_30960	DYLHFIR	AGAP009998-PA	-	42	0.001050628	1	963.506	1.12	Salivary gland	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_36241	EAITGTYIDKK	AGAP009998-PA	-	61	7.55E-06	1	1238.664	0.91	Malpighian tubule	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_37741	ILTGVVR	AGAP009998-PA	-	45	0.000337378	2	757.495	2.17	Larva	3R:+:47432853-47432873	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_38782	QLGINLNR	AGAP009998-PA	-	36	0.001799871	1	927.537	-0.43	Midgut	3R:+:47432484-47432507	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_41880	QLGINLNRK	AGAP009998-PA	-	44	0.000213423	1	1055.633	0.49	Malpighian tubule	3R:+:47432484-47432510	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_42787	KCPFTGHISIR	AGAP009998-PA	C2(Carbamidomethyl)	51	0.000147593	1	1315.703	6.87	Ovary	3R:+:47432814-47432846	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_43486	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	80	1.04E-07	1	1142.578	0.06	Ovary	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_44005	ILTGVVR	AGAP009998-PA	-	36	0.0026931	2	757.492	-1.21	Visceras	3R:+:47432853-47432873	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_45139	QLGINLNR	AGAP009998-PA	-	45	0.000220266	2	927.539	1.53	Larva	3R:+:47432484-47432507	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_45882	CPFTGHISIR	AGAP009998-PA	C1(Carbamidomethyl)	36	0.003917552	1	1187.600	0.79	Malpighian tubule	3R:+:47432817-47432846	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_46091	KCPFTGHISIR	AGAP009998-PA	C2(Carbamidomethyl)	58	2.72E-05	1	1315.699	3.59	Malpighian tubule	3R:+:47432814-47432846	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_51435	CPFTGHISIR	AGAP009998-PA	C1(Carbamidomethyl)	35	0.005615834	1	1187.602	2.8	Head	3R:+:47432817-47432846	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_52355	ADQQNIR	AGAP009998-PA	N-Term(Acetyl)	51	6.27E-05	1	886.440	3.07	Malpighian tubule	3R:+:47431969-47431977,47432460-47432471	exon=> In CDS Exon 1 and 2 of transcript AGAP009998-PA
JHU_Ag_52853	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	54	5.36E-05	1	1142.578	0.62	Salivary gland	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_54324	DYLHFIR	AGAP009998-PA	-	49	0.000226177	1	963.505	0.68	Ovary	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_54589	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	65	3.11E-06	1	1142.581	2.94	Larva	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_54865	CPFTGHISIR	AGAP009998-PA	C1(Carbamidomethyl)	39	0.001948572	1	1187.600	0.49	Salivary gland	3R:+:47432817-47432846	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_57413	CPFTGHISIR	AGAP009998-PA	C1(Carbamidomethyl)	44	0.000526402	1	1187.597	-1.75	Visceras	3R:+:47432817-47432846	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_57697	ILTGVVR	AGAP009998-PA	-	31	0.007693364	1	757.495	2.66	Head	3R:+:47432853-47432873	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_62937	NMSVHLSPCFR	AGAP009998-PA	C9(Carbamidomethyl),"M2(Oxidation), C9(Carbamidomethyl)"	61	8.08E-06	1	1363.625	0.41	Visceras	3R:+:47432961-47432992,47434540-47434540	exon=> In CDS Exon 3 and 4 of transcript AGAP009998-PA
JHU_Ag_64753	DYLHFIR	AGAP009998-PA	-	49	0.000233798	1	963.504	-1.09	Visceras	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_65605	NMSVHLSPCFR	AGAP009998-PA	M2(Oxidation), C9(Carbamidomethyl)	37	0.002146702	2	1363.624	-0.22	Larva	3R:+:47432961-47432992,47434540-47434540	exon=> In CDS Exon 3 and 4 of transcript AGAP009998-PA
JHU_Ag_68040	EAITGTYIDKK	AGAP009998-PA	-	85	3.51E-08	1	1238.667	3.47	Head	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_68197	NMSVHLSPCFR	AGAP009998-PA	M2(Oxidation), C9(Carbamidomethyl)	61	7.09E-06	1	1363.624	-0.48	Ovary	3R:+:47432961-47432992,47434540-47434540	exon=> In CDS Exon 3 and 4 of transcript AGAP009998-PA

JHU_Ag_73390	EAITGTYIDKK	AGAP009998-PA	-	81	9.34E-08	1	1238.663	0.02	Visceras	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_74406	RDYLHFIR	AGAP009998-PA	-	38	0.002124316	1	1119.604	-1.76	Head	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_75320	CPFTGHISIR	AGAP009998-PA	C1(Carbamidomethyl)	64	6.37E-06	1	1187.601	1.41	Ovary	3R:+:47432817-47432846	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_75891	EAITGTYIDKK	AGAP009998-PA	-	77	2.26E-07	1	1238.661	-1.46	Midgut	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_77350	QLGINLNRK	AGAP009998-PA	-	42	0.000274596	1	1055.631	-1.2	Visceras	3R:+:47432484-47432510	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_77969	EAITGTYIDK	AGAP009998-PA	-	36	0.003077061	2	1110.571	2.55	Larva	3R:+:47432577-47432579,47432787-47432813	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_82066	NMSVHLSPCFRDVEAGDIVTVGECRPLSK	AGAP009998-PA	M2(Oxidation), C9(Carbamidomethyl), C24(Carbamidomethyl)	46	0.000306603	1	3289.577	0.04	Malpighian tubule	3R:+:47432961-47432992,47434540-47434594	exon=> In CDS Exon 3 and 4 of transcript AGAP009998-PA
JHU_Ag_84407	EAITGTYIDK	AGAP009998-PA	-	63	7.41E-06	2	1110.568	0.02	Visceras	3R:+:47432577-47432579,47432787-47432813	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_84895	NMSVHLSPCFR	AGAP009998-PA	C9(Carbamidomethyl),"M2(Oxidation), C9(Carbamidomethyl)"	75	2.96E-07	1	1363.623	-1.02	Midgut	3R:+:47432961-47432992,47434540-47434540	exon=> In CDS Exon 3 and 4 of transcript AGAP009998-PA
JHU_Ag_85855	RDYLHFIR	AGAP009998-PA	-	44	0.00055224	2	1119.606	-0.16	Pupa	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_93139	RDYLHFIR	AGAP009998-PA	-	51	9.67E-05	1	1119.607	0.7	Visceras	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_93448	EAITGTYIDK	AGAP009998-PA	-	48	0.000207117	2	1110.569	1.12	Head	3R:+:47432577-47432579,47432787-47432813	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_93768	DYLHFIR	AGAP009998-PA	-	37	0.003538327	1	963.504	-0.59	Male reproductive organs	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_94579	ADQQNIR	AGAP009998-PA	N-Term(Acetyl)	34	0.003325168	1	886.437	-0.91	Midgut	3R:+:47431969-47431977,47432460-47432471	exon=> In CDS Exon 1 and 2 of transcript AGAP009998-PA
JHU_Ag_94666	ADQQNIRAFQK	AGAP009998-PA	N-Term(Acetyl)	69	2.21E-06	1	1360.700	2.68	Malpighian tubule	3R:+:47431969-47431977,47432460-47432483	exon=> In CDS Exon 1 and 2 of transcript AGAP009998-PA
JHU_Ag_95448	RDYLHFIR	AGAP009998-PA	-	41	0.001009741	3	1119.606	0.21	Malpighian tubule	3R:+:47432907-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_95481	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	71	9.93E-07	1	1142.577	-0.67	Visceras	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_97533	NMSVHLSPCFR	AGAP009998-PA	C9(Carbamidomethyl),"M2(Oxidation), C9(Carbamidomethyl)"	62	8.30E-06	1	1347.631	1.08	Salivary gland	3R:+:47432961-47432992,47434540-47434540	exon=> In CDS Exon 3 and 4 of transcript AGAP009998-PA
JHU_Ag_99153	EAITGTYIDK	AGAP009998-PA	-	57	3.07E-05	2	1110.570	2.11	Salivary gland	3R:+:47432577-47432579,47432787-47432813	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_103544	DYLHFIR	AGAP009998-PA	-	45	0.000560337	1	963.506	1.38	Pupa	3R:+:47432910-47432930	exon=> In CDS Exon 3 of transcript AGAP009998-PA
JHU_Ag_103832	MHHSIGLGFKTPK	AGAP009998-PA	M1(Oxidation)	42	0.000903532	1	1468.775	1.36	Malpighian tubule	3R:+:47432538-47432576	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_105722	MHHSIGLGFK	AGAP009998-PA	M1(Oxidation)	43	0.000573961	2	1142.575	-1.94	Head	3R:+:47432538-47432567	exon=> In CDS Exon 2 of transcript AGAP009998-PA

JHU_Ag_105943	EAITGTYIDKK	AGAP009998-PA	-	45	0.000336816	2	1238.667	3.47	Larva	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_106474	EAITGTYIDKK	AGAP009998-PA	-	64	3.81E-06	1	1238.663	0.42	Ovary	3R:+:47432577-47432579,47432787-47432816	exon=> In CDS Exon 2 and 3 of transcript AGAP009998-PA
JHU_Ag_107272	QLGINLNRK	AGAP009998-PA	-	30	0.005434957	1	1055.635	2.75	Head	3R:+:47432484-47432510	exon=> In CDS Exon 2 of transcript AGAP009998-PA
JHU_Ag_4868	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	126	4.52E-12	1	1944.972	1.21	Visceras	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_8752	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	129	2.13E-12	1	1944.971	0.52	Ovary	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_23050	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	130	1.77E-12	1	1944.975	2.65	Malpighian tubule	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_23674	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	144	7.02E-14	1	1944.973	1.71	Pupa	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_31222	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	121	1.18E-11	1	1944.973	1.9	Midgut	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_35975	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	120	1.62E-11	1	1944.972	1.27	Salivary gland	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_51229	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	121	1.16E-11	1	1944.976	3.34	Head	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_59157	DVEAGDIVTVGECRPLSK	AGAP009998-PA,AGAP012798-PA	C13(Carbamidomethyl)	88	2.44E-08	1	1944.974	2.4	Larva	3R:+:47434541-47434594;UNKN:-:29780014-29779961	exon=> In CDS Exon 4 of transcript AGAP009998-PA;exon=> In CDS Exon 2 of transcript AGAP012798-PA
JHU_Ag_4415	VLYVSNNSVR	AGAP010002-PA	-	57	1.90E-05	2	1150.622	0.19	Midgut	3R:+:47487352-47487381	exon=> In CDS Exon 2 of transcript AGAP010002-PA
JHU_Ag_20135	VLYVSNNSVR	AGAP010002-PA	-	64	4.53E-06	1	1150.623	1.68	Malpighian tubule	3R:+:47487352-47487381	exon=> In CDS Exon 2 of transcript AGAP010002-PA
JHU_Ag_90262	VLYVSNNSVR	AGAP010002-PA	-	56	2.83E-05	1	1150.622	0.51	Male reproductive organs	3R:+:47487352-47487381	exon=> In CDS Exon 2 of transcript AGAP010002-PA
JHU_Ag_8655	ALLQPVNFHPIVSVASAGQQER	AGAP010005-PA	-	60	3.97E-06	1	2361.277	4.04	Salivary gland	3R:+:47546384-47546449	exon=> In CDS Exon 2 of transcript AGAP010005-PA
JHU_Ag_33937	SAGVTGVLNLGQKIAIPK	AGAP010006-PA	-	29	0.00157827	1	1766.036	-9.9	Salivary gland	3R:+:47550755-47550808	exon=> In CDS Exon 4 of transcript AGAP010006-PA
JHU_Ag_18858	SLLEDNFALVGDDGKK	AGAP010007-PA	-	100	1.58E-09	2	1720.871	-2.28	Midgut	3R:+:47556158-47556205	exon=> In CDS Exon 1 of transcript AGAP010007-PA
JHU_Ag_35510	NSAIANQWLSLHR	AGAP010007-PA	-	97	2.40E-09	2	1509.789	-1.85	Midgut	3R:+:47556119-47556157	exon=> In CDS Exon 1 of transcript AGAP010007-PA
JHU_Ag_57394	YSHLIDYIHLSDQYSGPIQQEDPNQLK	AGAP010007-PA	-	169	1.65E-16	1	3201.550	0.49	Midgut	3R:+:47556688-47556768	exon=> In CDS Exon 2 of transcript AGAP010007-PA

JHU_Ag_71821	NSAIANQWLSLHR	AGAP010007-PA	-	95	3.84E-09	1	1509.793	0.66	Head	3R:+:47556119-47556157	exon=> In CDS Exon 1 of transcript AGAP010007-PA
JHU_Ag_104559	NSAIANQWLSLHR	AGAP010007-PA	-	65	3.19E-06	2	1509.798	3.81	Malpighian tubule	3R:+:47556119-47556157	exon=> In CDS Exon 1 of transcript AGAP010007-PA
JHU_Ag_583	LNTAPVFIHFPPK	AGAP010010-PA	-	33	0.001949985	1	1480.831	0.16	Salivary gland	3R:-:47579111-47579073	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_2925	VGVSAEVIGK	AGAP010010-PA	-	45	0.000365822	2	958.558	0.81	Midgut	3R:-:47579033-47579004	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_16231	VQQLLDMNTK	AGAP010010-PA	M7(Oxidation)	45	0.000540966	2	1205.620	0.75	Salivary gland	3R:-:47579387-47579358	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_18387	FRDFVK	AGAP010010-PA	-	28	0.012792142	1	811.446	0.32	Midgut	3R:-:47579327-47579310	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_18945	HAHDEYTIVANSYR	AGAP010010-PA	-	90	1.29E-08	1	1675.776	-3.68	Midgut	3R:-:47579234-47579193	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_19357	HAHDEYTIVANSYR	AGAP010010-PA	-	83	6.67E-08	2	1675.792	5.64	Malpighian tubule	3R:-:47579234-47579193	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_28545	HAHDEYTIVANSYR	AGAP010010-PA	-	75	3.89E-07	2	1675.781	-0.77	Head	3R:-:47579234-47579193	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_43301	VQQLLDMNTK	AGAP010010-PA	M7(Oxidation)	55	6.40E-05	2	1205.617	-2.19	Male reproductive organs	3R:-:47579387-47579358	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_45747	HAHDEYTIVANSYR	AGAP010010-PA	-	98	2.78E-09	1	1675.797	8.77	Ovary	3R:-:47579234-47579193	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_81745	VQQLLDMNTK	AGAP010010-PA	M7(Oxidation)	46	0.000489064	1	1205.617	-1.78	Midgut	3R:-:47579387-47579358	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_82645	AQGYPYSFLFK	AGAP010010-PA	-	39	0.002468954	1	1320.664	0.88	Midgut	3R:-:47578473-47578616,47578358-47578361	exon=> In CDS Exon 3 and 2 of transcript AGAP010010-PA
JHU_Ag_86221	AQGYPYSFLFK	AGAP010010-PA	-	57	3.45E-05	2	1320.670	6.15	Salivary gland	3R:-:47578473-47578616,47578358-47578361	exon=> In CDS Exon 3 and 2 of transcript AGAP010010-PA
JHU_Ag_99485	VGVSAEVIGK	AGAP010010-PA	-	76	4.26E-07	2	958.557	0.23	Salivary gland	3R:-:47579033-47579004	exon=> In CDS Exon 1 of transcript AGAP010010-PA
JHU_Ag_68	VDQQINQQLESTGHFK	AGAP010011-PA	-	36	0.004107711	1	1871.924	-0.57	Male reproductive organs	3R:-:47581855-47581808	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_10572	VDQQINQQLESTGHFK	AGAP010011-PA	-	63	9.41E-06	1	1871.923	-0.76	Midgut	3R:-:47581855-47581808	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_14021	LATHAGSWYTDSGAELNR	AGAP010011-PA	-	105	5.63E-10	1	1948.916	0.5	Midgut	3R:-:47582311-47582329,47582029-47582163	exon=> In CDS Exon 2 and 1 of transcript AGAP010011-PA
JHU_Ag_17419	QLNGWLNDADLTFGPAR	AGAP010011-PA	-	100	1.80E-09	2	1887.929	-3.05	Head	3R:-:47582162-47582112	exon=> In CDS Exon 2 of transcript AGAP010011-PA
JHU_Ag_19313	VDQQINQQLESTGHFK	AGAP010011-PA	-	64	6.01E-06	1	1871.925	0.02	Ovary	3R:-:47581855-47581808	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_21304	AIIAPHAGYR	AGAP010011-PA	-	39	0.000706766	2	1068.596	0.77	Male reproductive organs	3R:-:47582111-47582082	exon=> In CDS Exon 2 of transcript AGAP010011-PA
JHU_Ag_22168	ADSFSEYLR	AGAP010011-PA	-	37	0.002179898	2	1087.505	-0.64	Midgut	3R:-:47581409-47581383	exon=> In CDS Exon 4 of transcript AGAP010011-PA
JHU_Ag_23441	YCGACGAWAYR	AGAP010011-PA	C2(Carbamidomethyl), C5(Carbamidomethyl)	33	0.001143456	2	1334.540	-0.06	Midgut	3R:-:47582081-47582049	exon=> In CDS Exon 2 of transcript AGAP010011-PA
JHU_Ag_38506	YTYYEEGSGPIYK	AGAP010011-PA	-	99	1.34E-09	1	1569.710	-0.65	Midgut	3R:-:47581499-47581461	exon=> In CDS Exon 4 of transcript AGAP010011-PA
JHU_Ag_40872	VDQQINQQLESTGHFK	AGAP010011-PA	-	84	7.32E-08	1	1871.924	-0.57	Pupa	3R:-:47581855-47581808	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_43947	VFILGPSHHVR	AGAP010011-PA	-	52	4.31E-05	1	1261.715	-1.53	Ovary	3R:-:47581948-47581916	exon=> In CDS Exon 3 of transcript AGAP010011-PA

JHU_Ag_58091	TDEDEHSIEMHLPYVAK	AGAP010011-PA	M10(Oxidation)	52	6.94E-05	1	2029.916	-0.61	Head	3R:-:47581792-47581742	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_58886	VFILGPSHHVR	AGAP010011-PA	-	37	0.001167725	1	1261.716	-0.56	Midgut	3R:-:47581948-47581916	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_62567	QLNGWLNDADLTFGPAR	AGAP010011-PA	N3(Deamidated)	67	3.47E-06	1	1888.927	4.06	Pupa	3R:-:47582162-47582112	exon=> In CDS Exon 2 of transcript AGAP010011-PA
JHU_Ag_66628	QLNGWLNDADLTFGPAR	AGAP010011-PA	-	73	7.64E-07	2	1887.924	-5.83	Midgut	3R:-:47582162-47582112	exon=> In CDS Exon 2 of transcript AGAP010011-PA
JHU_Ag_71910	YTYYEEGSGPIYK	AGAP010011-PA	-	99	1.17E-09	1	1569.714	2.15	Pupa	3R:-:47581499-47581461	exon=> In CDS Exon 4 of transcript AGAP010011-PA
JHU_Ag_83776	VFILGPSHHVR	AGAP010011-PA	-	51	4.91E-05	1	1261.717	0.12	Head	3R:-:47581948-47581916	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_84282	VFILGPSHHVR	AGAP010011-PA	-	34	0.003127748	1	1261.709	-5.98	Male reproductive organs	3R:-:47581948-47581916	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_86627	VDQQINQQLESTGHFK	AGAP010011-PA	-	35	0.004922521	3	1871.927	1.29	Head	3R:-:47581855-47581808	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_88942	VFILGPSHHVR	AGAP010011-PA	-	51	4.95E-05	1	1261.719	2.14	Malpighian tubule	3R:-:47581948-47581916	exon=> In CDS Exon 3 of transcript AGAP010011-PA
JHU_Ag_111692	YTYYEEGSGPIYK	AGAP010011-PA	-	73	5.08E-07	1	1569.714	1.84	Ovary	3R:-:47581499-47581461	exon=> In CDS Exon 4 of transcript AGAP010011-PA
JHU_Ag_113494	LATHAGSWYTDSGAELNR	AGAP010011-PA	-	80	1.54E-07	1	1948.914	-0.64	Pupa	3R:-:47582311-47582329,47582029-47582163	exon=> In CDS Exon 2 and 1 of transcript AGAP010011-PA
JHU_Ag_23261	VPIFVPCLER	AGAP010016-PA	C7(Carbamidomethyl)	51	0.000121879	1	1229.671	-0.07	Male reproductive organs	3R:-:47719092-47719063	exon=> In CDS Exon 2 of transcript AGAP010016-PA
JHU_Ag_50298	NPATQLYWYRDPALVIGR	AGAP010016-PA	-	76	1.92E-07	1	2133.134	4.75	Male reproductive organs	3R:-:47719062-47719009	exon=> In CDS Exon 2 of transcript AGAP010016-PA
JHU_Ag_19370	QAQCSCTPGFFGNAR	AGAP010021-PA	C4(Carbamidomethyl), C6(Carbamidomethyl)	62	3.92E-06	2	1700.730	2.01	Salivary gland	3R:+:47857591-47857635	exon=> In CDS Exon 11 of transcript AGAP010021-PA
JHU_Ag_23747	SAQGCLDYDECAR	AGAP010021-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	115	5.25E-12	1	1544.614	2.32	Salivary gland	3R:+:47846054-47846092	exon=> In CDS Exon 1 of transcript AGAP010021-PA
JHU_Ag_26663	GGCILEQGAVK	AGAP010021-PA	C3(Carbamidomethyl)	53	7.78E-05	2	1131.583	0.18	Salivary gland	3R:+:47849679-47849711	exon=> In CDS Exon 4 of transcript AGAP010021-PA
JHU_Ag_27707	NGCAQNPCGENTICR	AGAP010021-PA	N1(Deamidated), C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	95	5.17E-10	1	1751.688	-1.11	Salivary gland	3R:+:47857660-47857704	exon=> In CDS Exon 11 of transcript AGAP010021-PA
JHU_Ag_31859	ANPIAEVECAQVR	AGAP010021-PA	C9(Carbamidomethyl)	94	5.49E-09	1	1456.728	4.44	Salivary gland	3R:+:47851962-47852000	exon=> In CDS Exon 6 of transcript AGAP010021-PA
JHU_Ag_40624	SVCQCPPGYR	AGAP010021-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	34	0.002563431	1	1223.532	1.66	Pupa	3R:+:47851932-47851961	exon=> In CDS Exon 6 of transcript AGAP010021-PA
JHU_Ag_48666	DCPSNQLCNR	AGAP010021-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	40	0.00029808	2	1263.522	1.08	Salivary gland	3R:+:47851824-47851853	exon=> In CDS Exon 6 of transcript AGAP010021-PA
JHU_Ag_58883	VECVHNEDCGVER	AGAP010021-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	49	5.45E-05	1	1602.671	4.82	Larva	3R:+:47853327-47853365	exon=> In CDS Exon 8 of transcript AGAP010021-PA
JHU_Ag_73988	CPVGQIGNPLTGCR	AGAP010021-PA	C1(Carbamidomethyl), C13(Carbamidomethyl)	87	3.35E-08	1	1528.741	3.46	Salivary gland	3R:+:47852070-47852111	exon=> In CDS Exon 6 of transcript AGAP010021-PA
JHU_Ag_79475	SALNACGESNPCPAGEK	AGAP010021-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	59	7.40E-06	2	1761.754	0.46	Salivary gland	3R:+:47848755-47848805	exon=> In CDS Exon 4 of transcript AGAP010021-PA
JHU_Ag_79715	ANPIAEVECAQVR	AGAP010021-PA	C9(Carbamidomethyl)	55	4.22E-05	2	1456.736	9.72	Larva	3R:+:47851962-47852000	exon=> In CDS Exon 6 of transcript AGAP010021-PA
JHU_Ag_93502	NHVAECECK	AGAP010021-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	32	0.001159976	1	1146.467	0.13	Salivary gland	3R:+:47854341-47854367	exon=> In CDS Exon 9 of transcript AGAP010021-PA
JHU_Ag_108121	HECQPVQK	AGAP010021-PA	C3(Carbamidomethyl)	39	0.00136483	1	1025.477	-5.95	Head	3R:+:47857636-47857659	exon=> In CDS Exon 11 of transcript AGAP010021-PA

JHU_Ag_113408	SCDPNPCHPSASCEPGPDGYVCK	AGAP010021-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl), C22(Carbamidomethyl)	25	0.003288516	1	2591.015	3.61	Salivary gland	3R:+:47852001-47852069	exon=> In CDS Exon 6 of transcript AGAP010021-PA
JHU_Ag_117440	ANPIAEVECAQVR	AGAP010021-PA	C9(Carbamidomethyl)	60	1.57E-05	2	1456.723	1.42	Pupa	3R:+:47851962-47852000	exon=> In CDS Exon 6 of transcript AGAP010021-PA
JHU_Ag_2727	NNAGACYCLTGYEGNPYDVFSGCR	AGAP010023-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), C23(Carbamidomethyl)	63	7.75E-07	2	2745.116	1.11	Salivary gland	3R:+:47890446-47890517	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_2764	AIGSTPACSCLPNYIGR	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	72	1.01E-06	1	1836.876	1.41	Salivary gland	3R:+:47888895-47888945	exon=> In CDS Exon 11 of transcript AGAP010023-PA
JHU_Ag_4732	DVEPVNPCNPSPCGANAVCK	AGAP010023-PA	C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl)	68	1.18E-06	1	2184.950	1.51	Salivary gland	3R:+:47889326-47889385	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_4953	DAECPSNLACQNEK	AGAP010023-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	70	4.41E-07	1	1635.676	1.08	Head	3R:+:47890106-47890147	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_6937	TVGSQPACSCAANYIGRPPNCRPECTR	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl)	70	8.26E-07	1	3079.372	0.32	Salivary gland	3R:+:47890025-47890105	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_9595	ECDVNADCPDKLACVQYK	AGAP010023-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	60	5.01E-06	1	2184.937	0.28	Salivary gland	3R:+:47890521-47890574	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_13830	ALCTPSPCGPNAECK	AGAP010023-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	38	0.000723778	1	1661.710	0.85	Pupa	3R:+:47891049-47891093	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_18275	QNEPINPCTPSPCGPNSICR	AGAP010023-PA	C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl)	45	0.000252011	1	2298.009	1.19	Salivary gland	3R:+:47888291-47888350	exon=> In CDS Exon 10 of transcript AGAP010023-PA
JHU_Ag_20558	ESNGHAVCTCQASFIGTPPNCRPECIVSSECALDK	AGAP010023-PA	N3(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl),"C8(Carbamidomethyl), C10(Carbamidomethyl), Q11(Deamidated), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl)"	29	0.005869555	1	3952.709	1.52	Salivary gland	3R:+:47888351-47888455	exon=> In CDS Exon 10 of transcript AGAP010023-PA

JHU_Ag_23312	DVCYPNPCAENAVCSEHNGAAK	AGAP010023-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), N11(Deamidated), C14(Carbamidomethyl),"C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl), N18(Deamidated)","C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)"	44	9.60E-05	1	2463.999	1.16	Salivary gland	3R:+:47881911-47881976	exon=> In CDS Exon 1 of transcript AGAP010023-PA
JHU_Ag_23761	GYVGDPFR	AGAP010023-PA	-	37	0.002335405	1	910.444	1.92	Salivary gland	3R:+:47882169-47882192	exon=> In CDS Exon 1 of transcript AGAP010023-PA
JHU_Ag_26178	ECDVNADCPDK	AGAP010023-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	31	0.000303437	2	1322.494	-3.96	Salivary gland	3R:+:47890521-47890553	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_26232	DPCASCPSNSVCR	AGAP010023-PA	C3(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl)	61	1.65E-06	2	1509.590	1.03	Salivary gland	3R:+:47882232-47882270	exon=> In CDS Exon 1 of transcript AGAP010023-PA
JHU_Ag_30129	DITPVNPCVPSPCGPNSNCR	AGAP010023-PA	C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl)	67	1.48E-06	1	2240.990	2.52	Salivary gland	3R:+:47889965-47890024	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_30437	QSCLDPCPGTCGFNAR	AGAP010023-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C11(Carbamidomethyl)	99	5.14E-10	1	1839.760	1.36	Salivary gland	3R:+:47886841-47886888	exon=> In CDS Exon 7 of transcript AGAP010023-PA
JHU_Ag_34492	CVDPCPGTCGAEAR	AGAP010023-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	43	8.08E-05	2	1549.618	-1.09	Salivary gland	3R:+:47889830-47889871	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_37050	DAECPSNLACQNEK	AGAP010023-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	121	3.96E-12	1	1635.675	0.71	Salivary gland	3R:+:47890106-47890147	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_37179	ALCTPSPCGPNAECK	AGAP010023-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	31	0.004822156	1	1661.721	7.76	Larva	3R:+:47891049-47891093	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_43898	EVNGQAVCSCLPTYVGSPPGCRPECVVSSECALNK	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl), N34(Deamidated)	125	2.96E-12	1	3882.732	2.54	Head	3R:+:47892761-47892865	exon=> In CDS Exon 15 of transcript AGAP010023-PA
JHU_Ag_48206	APNCRPECTINAECSGNLACVNEK	AGAP010023-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	137	1.30E-13	1	2764.194	1.26	Salivary gland	3R:+:47887201-47887272	exon=> In CDS Exon 8 of transcript AGAP010023-PA
JHU_Ag_48890	LTPCTPSPCGPNAECR	AGAP010023-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	48	0.000116054	2	1816.783	3.05	Salivary gland	3R:+:47890392-47890439	exon=> In CDS Exon 13 of transcript AGAP010023-PA

JHU_Ag_59973	DVEPVNPCNPSPCGANAVCK	AGAP010023-PA	C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl)	74	2.48E-07	1	2184.948	0.28	Head	3R:+:47889326-47889385	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_63487	ALCTPSPCGPNAECK	AGAP010023-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	66	1.25E-06	1	1661.711	1.95	Salivary gland	3R:+:47891049-47891093	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_66195	VINHKPVCTCDEGFEGNPLEQCSR	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl)	116	2.56E-11	1	2846.267	0.56	Salivary gland	3R:+:47890196-47890267	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_67636	DYYGDPYHECRPECMLSSDCPNTR	AGAP010023-PA	C10(Carbamidomethyl), C14(Carbamidomethyl), M15(Oxidation), C20(Carbamidomethyl)	30	0.000858467	1	3038.187	1.98	Salivary gland	3R:+:47886349-47886420	exon=> In CDS Exon 6 of transcript AGAP010023-PA
JHU_Ag_72015	YTCGPNSICR	AGAP010023-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	39	0.000629931	1	1227.528	2.92	Pupa	3R:+:47890740-47890769	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_73444	CVDPCPGTCGAEAR	AGAP010023-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	42	0.000151071	2	1549.626	4.26	Pupa	3R:+:47889830-47889871	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_74300	VVGGRPTCSCPEGYR	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	72	7.66E-07	1	1694.777	1.9	Salivary gland	3R:+:47882271-47882315	exon=> In CDS Exon 1 of transcript AGAP010023-PA
JHU_Ag_75973	NPCNPSPCGSNAVCK	AGAP010023-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	68	3.98E-07	1	1661.684	0.35	Salivary gland	3R:+:47887876-47887920	exon=> In CDS Exon 9 of transcript AGAP010023-PA
JHU_Ag_76347	AVGNVPACSCLPNYVGR	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	109	1.87E-10	1	1833.872	-0.84	Salivary gland	3R:+:47887150-47887200	exon=> In CDS Exon 8 of transcript AGAP010023-PA
JHU_Ag_76442	EACSCLPGYIGAPPSCRPECILSTECADNQACIR	AGAP010023-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl), C32(Carbamidomethyl)	80	5.81E-08	1	3912.709	4.79	Head	3R:+:47891109-47891210	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_76667	CVDPCAAGCGLNAVCR	AGAP010023-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	96	9.24E-10	1	1779.741	0.75	Salivary gland	3R:+:47890148-47890195	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_77558	QIEHTPIDPCRPSPCGPYSQCR	AGAP010023-PA	C10(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl)	61	7.21E-06	1	2655.187	0.27	Salivary gland	3R:+:47886568-47886568,47886659-47886723	exon=> In CDS Exon 6 and 7 of transcript AGAP010023-PA
JHU_Ag_80370	AIGSTPACSCLPNYIGR	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	42	0.000950015	2	1836.881	4.47	Larva	3R:+:47888895-47888945	exon=> In CDS Exon 11 of transcript AGAP010023-PA
JHU_Ag_81636	TPGCQPSPCGPNSQCR	AGAP010023-PA	C4(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	78	5.62E-08	1	1802.740	1.61	Salivary gland	3R:+:47889659-47889706	exon=> In CDS Exon 12 of transcript AGAP010023-PA
JHU_Ag_81982	DITPVNPCVPSPCGPNSNCR	AGAP010023-PA	C8(Carbamidomethyl), C13(Carbamidomethyl), C19(Carbamidomethyl)	67	1.22E-06	1	2240.984	-0.42	Head	3R:+:47889965-47890024	exon=> In CDS Exon 12 of transcript AGAP010023-PA

JHU_Ag_85668	RPVVQETPTDPCIPSPCGPNSQCK	AGAP010023-PA	C12(Carbamidomethyl), C17(Carbamidomethyl), C23(Carbamidomethyl)	62	8.57E-06	1	2724.257	1.14	Salivary gland	3R:+:47885814-47885885	exon=> In CDS Exon 5 of transcript AGAP010023-PA
JHU_Ag_90128	YTCGPNSICR	AGAP010023-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	42	0.000297557	2	1227.524	-0.76	Salivary gland	3R:+:47890740-47890769	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_90658	NNAGSCTCVK	AGAP010023-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	71	3.99E-07	1	1110.466	-0.42	Salivary gland	3R:+:47886319-47886348	exon=> In CDS Exon 6 of transcript AGAP010023-PA
JHU_Ag_92772	DVCYPNPCAENAVCSEHNGAAK	AGAP010023-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	33	0.001423419	1	2463.014	0.79	Head	3R:+:47881911-47881976	exon=> In CDS Exon 1 of transcript AGAP010023-PA
JHU_Ag_94824	APVVQDPVDPCVPSPCGPNSVCR	AGAP010023-PA	C11(Carbamidomethyl), C16(Carbamidomethyl), C22(Carbamidomethyl)	45	0.000420404	2	2507.152	1.68	Salivary gland	3R:+:47888826-47888894	exon=> In CDS Exon 11 of transcript AGAP010023-PA
JHU_Ag_95228	AIGSTPACSCLPNYIGR	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	52	0.000102257	1	1836.870	-1.78	Head	3R:+:47888895-47888945	exon=> In CDS Exon 11 of transcript AGAP010023-PA
JHU_Ag_95454	APNCRPECMLNAECPATLACVNER	AGAP010023-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), M9(Oxidation), C14(Carbamidomethyl), C20(Carbamidomethyl)	140	5.39E-14	1	2849.227	0.28	Salivary gland	3R:+:47888946-47889017	exon=> In CDS Exon 11 of transcript AGAP010023-PA
JHU_Ag_97976	ESNGHAVCTCQASFIGTPPNCRPECIVSSECALDK	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl)	33	0.002613924	1	3951.727	2.05	Head	3R:+:47888351-47888455	exon=> In CDS Exon 10 of transcript AGAP010023-PA
JHU_Ag_99244	CVDPCPGTCGFNAR	AGAP010023-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	50	1.94E-05	2	1610.654	2.05	Salivary gland	3R:+:47885592-47885633	exon=> In CDS Exon 4 of transcript AGAP010023-PA
JHU_Ag_102034	EACSCLPGYIGAPPSCRPECILSTECADNQACIR	AGAP010023-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl), C26(Carbamidomethyl), C32(Carbamidomethyl)	41	0.000482273	1	3912.701	2.73	Salivary gland	3R:+:47891109-47891210	exon=> In CDS Exon 13 of transcript AGAP010023-PA
JHU_Ag_103424	AGFTGDPFVR	AGAP010023-PA	-	57	2.27E-05	1	1066.533	0.78	Salivary gland	3R:+:47885673-47885702	exon=> In CDS Exon 4 of transcript AGAP010023-PA
JHU_Ag_104900	DPCPGVCGTNADCTVANHIPVCECSR	AGAP010023-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl), C22(Carbamidomethyl), C24(Carbamidomethyl)	80	2.83E-08	1	2946.212	2.26	Salivary gland	3R:+:47882091-47882168	exon=> In CDS Exon 1 of transcript AGAP010023-PA
JHU_Ag_106373	LACVQYK	AGAP010023-PA	C3(Carbamidomethyl)	41	0.000801754	2	881.459	4.19	Salivary gland	3R:+:47890554-47890574	exon=> In CDS Exon 13 of transcript AGAP010023-PA

JHU_Ag_109172	EVNGQAVCSCLPTYVGSPPGCRPECVVSSECALNK	AGAP010023-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl), N34(Deamidated),"N3(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl), N34(Deamidated)","Q5(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl), N34(Deamidated)"	133	4.02E-13	1	3882.734	3.01	Salivary gland	3R:+:47892761-47892865	exon=> In CDS Exon 15 of transcript AGAP010023-PA
JHU_Ag_116033	QNYIGSPPNCRPECVVSSECPLDK	AGAP010023-PA	C10(Carbamidomethyl), C14(Carbamidomethyl), C20(Carbamidomethyl)	80	9.58E-08	1	2806.262	0.83	Salivary gland	3R:+:47885502-47885573	exon=> In CDS Exon 4 of transcript AGAP010023-PA
JHU_Ag_3686	NPCVPSPCGPNSQCR	AGAP010023-PA,AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	72	2.40E-07	1	1729.721	0.35	Salivary gland	3R:+:47893127-47893171;3R:+:47932170-47932214	exon=> In CDS Exon 16 of transcript AGAP010023-PA;exon=> In CDS Exon 4 of transcript AGAP010024-PA
JHU_Ag_5038	CYPIPPPVQDTPIVVR	AGAP010023-PA,AGAP010024-PA	C1(Carbamidomethyl)	70	8.71E-07	1	1850.985	0.82	Salivary gland	3R:+:47892995-47893010,47893095-47893126;3R:+:47932038-47932053,47932138-47932169	exon=> In CDS Exon 15 and 16 of transcript AGAP010023-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP010024-PA
JHU_Ag_28768	CVDPCPGTCGTNAR	AGAP010023-PA,AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	45	4.59E-05	2	1564.629	-0.63	Salivary gland	3R:+:47892884-47892925;3R:+:47931927-47931968	exon=> In CDS Exon 15 of transcript AGAP010023-PA;exon=> In CDS Exon 3 of transcript AGAP010024-PA
JHU_Ag_33725	CVDPCPGTCGTNAR	AGAP010023-PA,AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	57	3.76E-06	2	1564.634	2.73	Pupa	3R:+:47892884-47892925;3R:+:47931927-47931968	exon=> In CDS Exon 15 of transcript AGAP010023-PA;exon=> In CDS Exon 3 of transcript AGAP010024-PA
JHU_Ag_34215	NPCVPSPCGPNSQCR	AGAP010023-PA,AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	36	0.001095097	1	1729.726	3.31	Visceras	3R:+:47893127-47893171;3R:+:47932170-47932214	exon=> In CDS Exon 16 of transcript AGAP010023-PA;exon=> In CDS Exon 4 of transcript AGAP010024-PA

JHU_Ag_36006	EPVQEYVNPCQPSPCGPNSQCR	AGAP010023-PA,AGAP010024-PA	C10(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl)	70	5.72E-07	1	2603.104	-1.38	Salivary gland	3R:+:47892449-47892452,47892699-47892760;3R:+:47931492-47931495,47931742-47931803	exon=> In CDS Exon 14 and 15 of transcript AGAP010023-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP010024-PA
JHU_Ag_52701	NPCVPSPCGPNSQCR	AGAP010023-PA,AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	37	0.000736	1	1729.725	2.75	Pupa	3R:+:47893127-47893171;3R:+:47932170-47932214	exon=> In CDS Exon 16 of transcript AGAP010023-PA;exon=> In CDS Exon 4 of transcript AGAP010024-PA
JHU_Ag_61180	CRDPCPGSCGINAR	AGAP010023-PA,AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	41	0.000446	1	1619.687	1.77	Pupa	3R:+:47893295-47893336;3R:+:47932338-47932379	exon=> In CDS Exon 16 of transcript AGAP010023-PA;exon=> In CDS Exon 4 of transcript AGAP010024-PA
JHU_Ag_66441	DPCPGSCGINAR	AGAP010023-PA,AGAP010024-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	42	0.000233	2	1303.551	-0.41	Salivary gland	3R:+:47893301-47893336;3R:+:47932344-47932379	exon=> In CDS Exon 16 of transcript AGAP010023-PA;exon=> In CDS Exon 4 of transcript AGAP010024-PA
JHU_Ag_85366	YCNIQQR	AGAP010023-PA,AGAP010024-PA	C2(Carbamidomethyl)	51	8.46E-05	2	981.457	-0.51	Salivary gland	3R:+:47892428-47892448;3R:+:47931471-47931491	exon=> In CDS Exon 14 of transcript AGAP010023-PA;exon=> In CDS Exon 2 of transcript AGAP010024-PA
JHU_Ag_86823	EQNGAGACTCIEDHFGNPYEGCRPECVLNSDCPSNR	AGAP010023-PA,AGAP010024-PA	N3(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl), C26(Carbamidomethyl), C32(Carbamidomethyl)	91	1.46E-09	1	4171.677	1.93	Salivary gland	3R:+:47892194-47892301;3R:+:47931237-47931344	exon=> In CDS Exon 14 of transcript AGAP010023-PA;exon=> In CDS Exon 2 of transcript AGAP010024-PA
JHU_Ag_91201	EQNGAGACTCIEDHFGNPYEGCRPECVLNSDCPSNR	AGAP010023-PA,AGAP010024-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl), C26(Carbamidomethyl), C32(Carbamidomethyl),"N3(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl), C22(Carbamidomethyl), C26(Carbamidomethyl), C32(Carbamidomethyl)"	92	1.05E-09	1	4170.680	-1.2	Head	3R:+:47892194-47892301;3R:+:47931237-47931344	exon=> In CDS Exon 14 of transcript AGAP010023-PA;exon=> In CDS Exon 2 of transcript AGAP010024-PA
JHU_Ag_97485	NPCVPSPCGPNSQCR	AGAP010023-PA,AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	37	0.000883	1	1729.729	4.93	Larva	3R:+:47893127-47893171;3R:+:47932170-47932214	exon=> In CDS Exon 16 of transcript AGAP010023-PA;exon=> In CDS Exon 4 of transcript AGAP010024-PA
JHU_Ag_1152	SNNDCPDDKQCR	AGAP010024-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	40	0.000131	1	1508.586	0.52	Salivary gland	3R:+:47938656-47938691	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_6436	VCVDVCSDYNPCASSAECLAQSHK	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)	87	5.68E-09	1	2757.140	0.82	Salivary gland	3R:+:47936014-47936085	exon=> In CDS Exon 9 of transcript AGAP010024-PA

JHU_Ag_6675	CVDPCPGVCGYR	AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	34	0.000928838	1	1439.584	-1.98	Head	3R:+:47934398-47934433	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_8603	TMICECLPGYQGNAAIQCDK	AGAP010024-PA	M2(Oxidation), C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	38	0.00118934	2	2345.019	6.87	Larva	3R:+:47939715-47939774	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_9533	GNPLVQCNVVECR	AGAP010024-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	48	0.000231351	2	1544.739	5.53	Larva	3R:+:47938617-47938655	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_10449	SDSDCPATEACVNK	AGAP010024-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	46	7.77E-05	2	1553.624	2	Pupa	3R:+:47935007-47935048	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_10945	VCRPVCDDETCAR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl)	72	2.07E-07	1	1637.674	-5.22	Head	3R:+:47936679-47936717	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_11121	DPCYPSPCGVNAR	AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	35	0.001894072	1	1492.633	1.37	Head	3R:+:47933814-47933852	exon=> In CDS Exon 7 of transcript AGAP010024-PA
JHU_Ag_12978	AVCECVPGYEGNPK	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	48	0.000118095	2	1579.694	3.65	Malpighian tubule	3R:+:47939334-47939375	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_13544	ACIGGQCQNPCTVSTGLCTQNAECR	AGAP010024-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), C11(Carbamidomethyl), C18(Carbamidomethyl), C24(Carbamidomethyl)	82	1.52E-08	1	2842.181	0.6	Salivary gland	3R:+:47934848-47934922	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_13565	VDSECETSK	AGAP010024-PA	C5(Carbamidomethyl)	50	3.09E-05	2	1054.435	-0.63	Salivary gland	3R:+:47938473-47938499	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_13607	VLDTLPVR	AGAP010024-PA	-	38	0.000525798	2	912.552	1.18	Pupa	3R:+:47939691-47939714	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_14563	HAGSPFVQCVPQR	AGAP010024-PA	C9(Carbamidomethyl)	95	4.69E-09	1	1482.727	0.24	Head	3R:+:47934749-47934787	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_15638	VVNLAGDTSSAR	AGAP010024-PA	-	46	0.000494895	2	1189.619	1.77	Larva	3R:+:47940544-47940579	exon=> In CDS Exon 13 of transcript AGAP010024-PA
JHU_Ag_17564	VCRPVCDDETCAR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl)	75	1.44E-07	1	1637.682	-0.52	Pupa	3R:+:47936679-47936717	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_17836	DEPQQPQPECTSDGQCTNDK	AGAP010024-PA	C10(Carbamidomethyl), C16(Carbamidomethyl)	57	2.97E-06	2	2333.924	-0.31	Head	3R:+:47934788-47934847	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_18045	DMIGDPFVECK	AGAP010024-PA	M2(Oxidation), C10(Carbamidomethyl),C10(Carbamidomethyl)	70	6.45E-07	2	1326.571	0.7	Salivary gland	3R:+:47934482-47934514	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_18772	AGCISDSDCSSDTACINSICR	AGAP010024-PA	C3(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl), C20(Carbamidomethyl)	142	7.92E-15	1	2348.927	2.32	Salivary gland	3R:+:47939040-47939102	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_19030	GADCVAQSHR	AGAP010024-PA	C4(Carbamidomethyl)	75	2.19E-07	1	1100.489	-0.72	Salivary gland	3R:+:47936532-47936561	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_19949	VVNLAGDTSSAR	AGAP010024-PA	-	57	3.71E-05	2	1189.615	-2.23	Pupa	3R:+:47940544-47940579	exon=> In CDS Exon 13 of transcript AGAP010024-PA
JHU_Ag_20185	AVCSCEDGYEGNPNVACR	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C17(Carbamidomethyl)	44	8.75E-05	2	2057.817	2.85	Malpighian tubule	3R:+:47938404-47938457	exon=> In CDS Exon 11 of transcript AGAP010024-PA

JHU_Ag_21947	SDSDCPATEACVNK	AGAP010024-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	93	1.46E-09	1	1553.624	2.31	Salivary gland	3R:+:47935007-47935048	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_22662	AQCTCSPGYVGNAHIECLPEPR	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C17(Carbamidomethyl)	33	0.005250363	1	2516.131	7.54	Larva	3R:+:47937144-47937209	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_23076	SGSCKPIVIEECRLDSDCADTDR	AGAP010024-PA	C4(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)	33	0.003313774	1	2683.180	1.74	Salivary gland	3R:+:47936994-47937062	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_26918	DMIGDPFVECK	AGAP010024-PA	M2(Oxidation), C10(Carbamidomethyl)	54	3.01E-05	2	1326.573	2.17	Larva	3R:+:47934482-47934514	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_27710	DMIGDPFVECK	AGAP010024-PA	M2(Oxidation), C10(Carbamidomethyl)	58	1.06E-05	2	1326.573	1.9	Head	3R:+:47934482-47934514	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_27744	TIICACQTDMLMDR	AGAP010024-PA	C4(Carbamidomethyl), C6(Carbamidomethyl), M10(Oxidation), M12(Oxidation),"C4(Carbamidomethyl), C6(Carbamidomethyl)"	121	5.95E-12	2	1727.762	1.78	Salivary gland	3R:+:47936952-47936993	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_29446	TMVCECPPLHVPDSAGECR	AGAP010024-PA	M2(Oxidation), C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	30	0.003549782	1	2230.935	0.21	Salivary gland	3R:+:47938209-47938265	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_30407	CISPCTYGATQCGR	AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C12(Carbamidomethyl)	64	1.68E-06	2	1630.679	1.46	Salivary gland	3R:+:47936490-47936531	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_30518	DHKPVCSCAQGYDGDPETQCIK	AGAP010024-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), C20(Carbamidomethyl)	85	1.59E-08	1	2565.089	3.27	Salivary gland	3R:+:47939145-47939210	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_32628	TQCYKPECK	AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	44	0.000221018	2	1213.530	-3.47	Salivary gland	3R:+:47936326-47936341,47936434-47936444	exon=> In CDS Exon 9 and 10 of transcript AGAP010024-PA
JHU_Ag_32755	IVAFNGEEINSAEIGDNLR	AGAP010024-PA	N5(Deamidated)	133	7.04E-13	1	2061.022	-1.36	Salivary gland	3R:+:47940820-47940876	exon=> In CDS Exon 13 of transcript AGAP010024-PA
JHU_Ag_36974	DPCYPSPCGVNAR	AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	56	1.48E-05	1	1492.632	0.55	Salivary gland	3R:+:47933814-47933852	exon=> In CDS Exon 7 of transcript AGAP010024-PA
JHU_Ag_39877	DPCNCGPNAECR	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C11(Carbamidomethyl)	43	1.21E-05	2	1449.531	0.32	Salivary gland	3R:+:47939103-47939138	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_39983	AQNHLVVCR	AGAP010024-PA	C8(Carbamidomethyl)	37	0.0019904	2	1096.571	2.54	Larva	3R:+:47938755-47938781	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_40093	GNPLVQCNVVECR	AGAP010024-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	50	0.000142073	1	1544.732	0.87	Pupa	3R:+:47938617-47938655	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_42544	EVNGQAVCSCLPTYVGSPPGCRPECVVSSECALDK	AGAP010024-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl)	125	2.96E-12	1	3882.732	2.54	Head	3R:+:47931804-47931908	exon=> In CDS Exon 3 of transcript AGAP010024-PA
JHU_Ag_45466	AVCECVPGYEGNPK	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	72	3.84E-07	1	1579.692	2.34	Salivary gland	3R:+:47939334-47939375	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_47246	FPSSDNIR	AGAP010024-PA	-	37	0.003481454	1	935.458	-0.5	Salivary gland	3R:+:47941178-47941201	exon=> In CDS Exon 14 of transcript AGAP010024-PA

JHU_Ag_47460	NHQASCECAPGMR	AGAP010024-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), M12(Oxidation)	48	2.03E-05	1	1533.599	-0.03	Salivary gland	3R:+:47936739-47936777	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_48634	NAECAVVNHTPVCSCPDGMK	AGAP010024-PA	C4(Carbamidomethyl), C13(Carbamidomethyl), C15(Carbamidomethyl), M19(Oxidation)	61	3.10E-06	1	2261.950	3.93	Salivary gland	3R:+:47934021-47934080	exon=> In CDS Exon 7 of transcript AGAP010024-PA
JHU_Ag_48903	AQNHLVVCR	AGAP010024-PA	C8(Carbamidomethyl)	59	1.55E-05	2	1096.567	-0.69	Salivary gland	3R:+:47938755-47938781	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_50635	AECHAINNSPVCSCPR	AGAP010024-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	31	0.003608206	1	1871.797	1.03	Pupa	3R:+:47934434-47934481	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_51757	ADPCGINAQCASANHR	AGAP010024-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	59	8.08E-06	2	1741.753	1.92	Salivary gland	3R:+:47937096-47937143	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_53388	TMLCTCPDGYVSSGSGTCKPVVK	AGAP010024-PA	M2(Oxidation), C4(Carbamidomethyl), C6(Carbamidomethyl), C18(Carbamidomethyl)	62	6.27E-06	1	2520.124	0.18	Salivary gland	3R:+:47938971-47939039	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_54419	GCRPECVLNSDCAR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl)	37	0.001399308	1	1693.727	4.13	Larva	3R:+:47930258-47930299	exon=> In CDS Exon 1 of transcript AGAP010024-PA
JHU_Ag_54592	MALCPTDR	AGAP010024-PA	C4(Carbamidomethyl)	35	0.002482939	2	963.439	-0.19	Salivary gland	3R:+:47939775-47939775,47939853-47939875	exon=> In CDS Exon 11 and 12 of transcript AGAP010024-PA
JHU_Ag_58425	AECQYPECIINSDCSTNR	AGAP010024-PA	C3(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	71	1.89E-07	2	2216.900	-0.29	Salivary gland	3R:+:47934590-47934643	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_58951	EVNGQAVCSCLPTYVGSPPGCRPECVVSSECALDK	AGAP010024-PA	N3(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl),"C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl)","Q5(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl)"	133	4.02E-13	1	3882.734	3.01	Salivary gland	3R:+:47931804-47931908	exon=> In CDS Exon 3 of transcript AGAP010024-PA

JHU_Ag_62022	HAGSPFVQCVPQR	AGAP010024-PA	C9(Carbamidomethyl)	107	2.83E-10	1	1482.727	0	Salivary gland	3R:+:47934749-47934787	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_62696	CADPCPGSCGFAAR	AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	55	6.27E-06	2	1525.601	1.86	Salivary gland	3R:+:47933025-47933066	exon=> In CDS Exon 5 of transcript AGAP010024-PA
JHU_Ag_65097	EINGQAVCSCVPGYIGSPPTCRPECVVSAECPQNQACTNQK	AGAP010024-PA	C8(Carbamidomethyl), C10(Carbamidomethyl), C21(Carbamidomethyl), C25(Carbamidomethyl), C31(Carbamidomethyl), C37(Carbamidomethyl)	43	0.000232793	1	4623.023	-0.34	Head	3R:+:47930510-47930632	exon=> In CDS Exon 1 of transcript AGAP010024-PA
JHU_Ag_66542	VCRPVCDDETCAR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C11(Carbamidomethyl)	67	7.96E-07	1	1637.682	-0.41	Salivary gland	3R:+:47936679-47936717	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_66597	VCVDVCSDYNPCASSAECLAQSHK	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl), C18(Carbamidomethyl)	29	0.004218422	1	2757.143	2.08	Head	3R:+:47936014-47936085	exon=> In CDS Exon 9 of transcript AGAP010024-PA
JHU_Ag_67336	CVDPCPGVCGYR	AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C9(Carbamidomethyl)	43	0.00014634	2	1439.588	1.16	Salivary gland	3R:+:47934398-47934433	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_71470	NAQCVNPCIYENSCSPR	AGAP010024-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	134	1.23E-13	1	2068.868	2.2	Salivary gland	3R:+:47938692-47938742	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_73045	SGSCKPIVIEECR	AGAP010024-PA	C4(Carbamidomethyl), C12(Carbamidomethyl)	99	1.94E-09	1	1534.737	0.86	Salivary gland	3R:+:47936994-47937032	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_73164	GLIIDER	AGAP010024-PA	-	44	0.000450065	2	815.461	-1.48	Salivary gland	3R:+:47940017-47940037	exon=> In CDS Exon 12 of transcript AGAP010024-PA
JHU_Ag_74477	CSVIDTLPLR	AGAP010024-PA	C1(Carbamidomethyl)	73	8.24E-07	1	1173.631	1.36	Salivary gland	3R:+:47936922-47936951	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_76871	DQTTPCLPNPCGANAQCR	AGAP010024-PA	C6(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl)	74	2.17E-07	2	2059.875	0.34	Head	3R:+:47931183-47931236	exon=> In CDS Exon 2 of transcript AGAP010024-PA
JHU_Ag_78950	VLDTLPVR	AGAP010024-PA	-	55	1.10E-05	1	912.553	1.65	Salivary gland	3R:+:47939691-47939714	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_79204	IDAECPFDK	AGAP010024-PA	C5(Carbamidomethyl)	48	0.000123108	1	1094.482	0.11	Salivary gland	3R:+:47936445-47936471	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_80804	DHKPVCSCAQGYDGDPETQCIK	AGAP010024-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), C20(Carbamidomethyl)	31	0.004150476	1	2565.082	0.63	Head	3R:+:47939145-47939210	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_81785	CICPIEYGYR	AGAP010024-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	46	0.000200641	1	1330.592	-0.03	Salivary gland	3R:+:47940044-47940073	exon=> In CDS Exon 12 of transcript AGAP010024-PA
JHU_Ag_84299	AVCSCEDGYEGNPNVACR	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C17(Carbamidomethyl)	53	1.00E-05	1	2057.812	0.48	Visceras	3R:+:47938404-47938457	exon=> In CDS Exon 11 of transcript AGAP010024-PA

JHU_Ag_84403	CPVGLVGNPYVDCRPEVVPECQYDTD CPGHLACIDNK	AGAP010024-PA	C1(Carbamidomethyl), C13(Carbamidomethyl), C21(Carbamidomethyl), C27(Carbamidomethyl), C33(Carbamidomethyl)	58	1.01E-05	1	4303.916	4.21	Salivary gland	3R:+:47938782-47938892	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_85523	GQCVEACK	AGAP010024-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	37	0.001108078	1	951.404	2.14	Salivary gland	3R:+:47937072-47937095	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_87342	AVCSCEDGYEGNPNVACR	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C17(Carbamidomethyl)	97	3.36E-10	1	2057.810	-0.71	Salivary gland	3R:+:47938404-47938457	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_87772	GNPLVQCNVVECR	AGAP010024-PA	C7(Carbamidomethyl), C12(Carbamidomethyl)	65	3.92E-06	2	1544.734	1.74	Salivary gland	3R:+:47938617-47938655	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_90840	VDNHQANCR	AGAP010024-PA	C8(Carbamidomethyl)	48	9.69E-05	2	1113.486	0.06	Salivary gland	3R:+:47935277-47935303	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_91174	ACVNGNCVNPCLDHNPCGIGAECFGR	AGAP010024-PA	N4(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl), C23(Carbamidomethyl),"C 2(Carbamidomethyl), C7(Carbamidomethyl), N9(Deamidated), C11(Carbamidomethyl), C17(Carbamidomethyl), C23(Carbamidomethyl)"," C2(Carbamidomethyl), N6(Deamidated), C7(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl), C23(Carbamidomethyl)"," C2(Carbamidomethyl), C7(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl), C23(Carbamidomethyl)"," C2(Carbamidomethyl), C7(Carbamidomethyl), C11(Carbamidomethyl), N15(Deamidated), C17(Carbamidomethyl),	134	7.50E-14	1	2949.205	3.3	Salivary gland	3R:+:47938500-47938577	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_91511	GCYPECVINSDCPR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl)	77	4.61E-08	2	1726.701	1.86	Salivary gland	3R:+:47934332-47934373	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_94393	AQCTCSPGYVGNAHIECLPEPR	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl), C17(Carbamidomethyl)	102	5.44E-10	1	2516.121	3.68	Salivary gland	3R:+:47937144-47937209	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_95134	GCRPECVLNSDCAR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl)	64	2.11E-06	1	1693.720	-0.09	Salivary gland	3R:+:47930258-47930299	exon=> In CDS Exon 1 of transcript AGAP010024-PA

JHU_Ag_95150	DQTTPCLPNPCGANAQCR	AGAP010024-PA	C6(Carbamidomethyl), C11(Carbamidomethyl), C17(Carbamidomethyl)	57	1.00E-05	1	2059.872	-1.08	Salivary gland	3R:+:47931183-47931236	exon=> In CDS Exon 2 of transcript AGAP010024-PA
JHU_Ag_95674	LQVEVQPATIYGGFAR	AGAP010024-PA	-	130	9.13E-13	1	1748.937	2.35	Salivary gland	3R:+:47940877-47940901,47941005-47941027	exon=> In CDS Exon 13 and 14 of transcript AGAP010024-PA
JHU_Ag_98102	LQVEVQPATIYGGFAR	AGAP010024-PA	-	52	6.25E-05	2	1748.944	5.98	Larva	3R:+:47940877-47940901,47941005-47941027	exon=> In CDS Exon 13 and 14 of transcript AGAP010024-PA
JHU_Ag_98875	GCRPECVLNSDCAR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl), C12(Carbamidomethyl)	71	4.02E-07	1	1693.715	-3.04	Head	3R:+:47930258-47930299	exon=> In CDS Exon 1 of transcript AGAP010024-PA
JHU_Ag_101834	SLACINNR	AGAP010024-PA	C4(Carbamidomethyl)	38	0.003193752	2	947.474	1.55	Salivary gland	3R:+:47933964-47933987	exon=> In CDS Exon 7 of transcript AGAP010024-PA
JHU_Ag_102833	VLDTLPVR	AGAP010024-PA	-	35	0.001033984	2	912.554	2.92	Larva	3R:+:47939691-47939714	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_103332	LQVEVQPATIYGGFAR	AGAP010024-PA	-	42	0.000522977	2	1748.945	6.96	Head	3R:+:47940877-47940901,47941005-47941027	exon=> In CDS Exon 13 and 14 of transcript AGAP010024-PA
JHU_Ag_104403	AVCECVPGYEGNPK	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	49	8.73E-05	1	1579.682	-3.62	Pupa	3R:+:47939334-47939375	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_106273	AECHAINNSPVCSCPR	AGAP010024-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), C14(Carbamidomethyl)	78	8.67E-08	1	1871.797	1.29	Salivary gland	3R:+:47934434-47934481	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_106452	TCDDPCQR	AGAP010024-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	37	0.000150345	2	1051.393	-0.2	Salivary gland	3R:+:47940170-47940193	exon=> In CDS Exon 12 of transcript AGAP010024-PA
JHU_Ag_107518	SDSDCPATEACVNK	AGAP010024-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	29	0.004365842	2	1553.632	6.95	Larva	3R:+:47935007-47935048	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_107616	MDSECGSQQACIR	AGAP010024-PA	M1(Oxidation), C5(Carbamidomethyl), C11(Carbamidomethyl)	63	7.61E-07	2	1557.618	5.92	Salivary gland	3R:+:47936829-47936867	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_107819	VFNGNAVCECLPEFK	AGAP010024-PA	N5(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl),"C 8(Carbamidomethyl), C10(Carbamidomethyl)"," N3(Deamidated), C8(Carbamidomethyl), C10(Carbamidomethyl)"	107	2.34E-10	1	1783.823	4.7	Salivary gland	3R:+:47934269-47934313	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_111897	AVCECVPGYEGNPK	AGAP010024-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	38	0.001291908	1	1579.695	4.11	Larva	3R:+:47939334-47939375	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_115474	CVNPCTELTPCASQQK	AGAP010024-PA	C1(Carbamidomethyl), C5(Carbamidomethyl), C11(Carbamidomethyl)	53	5.01E-05	1	1892.835	2.77	Salivary gland	3R:+:47936874-47936921	exon=> In CDS Exon 10 of transcript AGAP010024-PA
JHU_Ag_116853	VVNLAGDTSSAR	AGAP010024-PA	-	90	1.81E-08	1	1189.617	-0.07	Salivary gland	3R:+:47940544-47940579	exon=> In CDS Exon 13 of transcript AGAP010024-PA
JHU_Ag_117621	VDGDCPSR	AGAP010024-PA	C5(Carbamidomethyl)	55	7.84E-06	2	905.378	-0.05	Salivary gland	3R:+:47938086-47938109	exon=> In CDS Exon 11 of transcript AGAP010024-PA
JHU_Ag_117778	VFNGNAVCECLPEFKGSPFGR	AGAP010024-PA	C8(Carbamidomethyl), C10(Carbamidomethyl)	90	1.50E-08	1	2385.116	1.96	Malpighian tubule	3R:+:47934269-47934331	exon=> In CDS Exon 8 of transcript AGAP010024-PA
JHU_Ag_1340	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	118	2.62E-11	1	2175.059	0.51	Midgut	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA

JHU_Ag_2097	GTGEDFDFSK	AGAP010025-PA	-	44	0.000138001	1	1102.469	-0.27	Head	3R:-:47950650-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_2560	GRDWNVDLIPK	AGAP010025-PA	-	51	9.55E-05	1	1312.703	1.5	Ovary	3R:-:47953136-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_3476	VPVDQKEALASDLMGLFEK	AGAP010025-PA	M14(Oxidation)	106	2.80E-10	1	2090.090	3.13	Pupa	3R:-:47952986-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_3892	LLIHTGVTR	AGAP010025-PA	-	54	5.91E-06	1	1009.617	1.52	Pupa	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_4104	FLMANGLLVK	AGAP010025-PA	N5(Deamidated),"M3(Oxidation), N5(Deamidated)"	51	3.69E-05	2	1105.644	-0.14	Pupa	3R:-:47953103-47953074	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_4365	MDEEYDAIVLGTGLK	AGAP010025-PA	N-Term(Acetyl), M1(Oxidation)	90	1.54E-08	2	1711.812	1.23	Male reproductive organs	3R:-:47953337-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_5101	STQDFTGHALALYR	AGAP010025-PA	-	96	4.74E-09	1	1579.794	4.74	Larva	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_5482	LLIHTGVTR	AGAP010025-PA	-	52	7.34E-06	1	1009.615	-0.29	Salivary gland	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_5571	RGTGEDFDFSK	AGAP010025-PA	-	57	1.64E-05	1	1258.569	-0.52	Head	3R:-:47950653-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_6272	FAVDLPEGK	AGAP010025-PA	-	54	7.05E-05	1	975.514	-0.37	Pupa	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_6711	IKQELGDEEQ	AGAP010025-PA	-	71	1.01E-06	1	1188.574	0.05	Salivary gland	3R:-:47950620-47950591	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_7616	LYSDSLAR	AGAP010025-PA	-	40	0.001242184	2	924.478	-0.32	Head	3R:-:47951384-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_8645	DDSYLTEPAIK	AGAP010025-PA	-	69	2.26E-06	1	1251.616	4.41	Midgut	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_8706	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	148	1.00E-14	1	1963.054	2.42	Malpighian tubule	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_9022	YYGGESASITPLEDLFSR	AGAP010025-PA	-	104	6.74E-10	1	2004.961	2.93	Male reproductive organs	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_9098	NFLIYVQDFVADDPK	AGAP010025-PA	-	118	2.61E-11	1	1783.890	0.13	Midgut	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_9274	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	153	3.76E-15	1	1963.050	0.22	Midgut	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_9376	YYGGESASITPLEDLFSR	AGAP010025-PA	-	107	3.28E-10	1	2004.960	2.69	Salivary gland	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_9647	SDIYVSLISSTHQVSAK	AGAP010025-PA	-	90	1.08E-08	1	1834.958	1.92	Malpighian tubule	3R:-:47950932-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_9703	LLIHTGVTR	AGAP010025-PA	-	41	0.00011704	2	1009.617	2.07	Larva	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_9712	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	135	3.81E-13	1	2812.385	2.16	Visceras	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_9852	DDSYLTEPAIK	AGAP010025-PA	-	65	5.61E-06	2	1251.615	3.83	Larva	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_10221	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	133	3.59E-13	1	1963.053	1.68	Visceras	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_10238	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	112	1.01E-10	1	2175.066	3.88	Larva	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_11766	LLIHTGVTR	AGAP010025-PA	-	53	7.08E-06	1	1009.615	-0.65	Male reproductive organs	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_12997	FLMANGLLVK	AGAP010025-PA	-	36	0.001303891	2	1105.644	-0.14	Salivary gland	3R:-:47953103-47953074	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_13259	YYGGESASITPLEDLFSR	AGAP010025-PA	-	87	3.23E-08	1	2004.966	5.37	Larva	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA

JHU_Ag_14246	FAVDLPEGK	AGAP010025-PA	-	48	0.000357649	1	975.515	-0.06	Salivary gland	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_14295	LSAIYGGTYMLDKPIDEIVYDASGKVVGVR	AGAP010025-PA	M10(Oxidation)	181	4.57E-18	1	3229.705	7.3	Malpighian tubule	3R:-:47951294-47951205	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_15511	GRDWNVDLIPK	AGAP010025-PA	-	39	0.001351887	1	1312.708	5.19	Larva	3R:-:47953136-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_15552	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	123	6.99E-12	1	2812.378	-0.38	Midgut	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_16038	DWNVDLIPK	AGAP010025-PA	-	57	1.73E-05	2	1099.578	0.11	Head	3R:-:47953130-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_16303	MDEEYDAIVLGTGLK	AGAP010025-PA	N-Term(Acetyl), M1(Oxidation)	100	1.38E-09	2	1711.810	-0.05	Midgut	3R:-:47953337-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_17486	QVYCDPTYVPNK	AGAP010025-PA	C4(Carbamidomethyl)	64	4.61E-06	1	1483.688	-0.73	Midgut	3R:-:47951177-47951142	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_18337	SDIYVSLISSTHQVSAK	AGAP010025-PA	-	84	3.95E-08	1	1834.959	2.16	Pupa	3R:-:47950932-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_18652	DDSYLTEPAIK	AGAP010025-PA	-	63	8.56E-06	1	1251.611	0.61	Salivary gland	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_18835	EALASDLMGLFEK	AGAP010025-PA	M8(Oxidation)	110	1.67E-10	1	1439.712	2.15	Head	3R:-:47952968-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_19129	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	184	4.14E-18	1	2719.364	3.86	Head	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_19192	DFDPSTKDMQALYEK	AGAP010025-PA	M9(Oxidation)	52	7.20E-05	1	1803.812	0.52	Midgut	3R:-:47951537-47951493	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_19321	GTGEDFDFSK	AGAP010025-PA	-	59	3.80E-06	2	1102.469	-0.11	Salivary gland	3R:-:47950650-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_19590	NKYYGGESASITPLEDLFSR	AGAP010025-PA	-	91	1.05E-08	1	2247.097	2.04	Pupa	3R:-:47953232-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_22078	DMQALYEK	AGAP010025-PA	M2(Oxidation)	58	1.16E-05	1	1013.461	-0.3	Head	3R:-:47951516-47951493	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_22131	FLMANGLLVK	AGAP010025-PA	M3(Oxidation),"M3(Oxidation), N5(Deamidated)"	61	5.89E-06	1	1121.640	0.8	Ovary	3R:-:47953103-47953074	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_22387	VLHIDR	AGAP010025-PA	-	34	0.000732883	2	752.443	1.56	Salivary gland	3R:-:47953250-47953233	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_23175	CICLLDHPIPNTK	AGAP010025-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	68	2.37E-06	1	1580.790	-1.44	Ovary	3R:-:47951022-47950984	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_25041	QVYCDPTYVPNK	AGAP010025-PA	C4(Carbamidomethyl)	52	8.14E-05	2	1483.688	-0.23	Salivary gland	3R:-:47951177-47951142	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_25269	RGTGEDFDFSK	AGAP010025-PA	-	35	0.002532203	2	1258.575	4.03	Midgut	3R:-:47950653-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_25572	CICLLDHPIPNTK	AGAP010025-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	67	3.18E-06	1	1580.795	1.62	Pupa	3R:-:47951022-47950984	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_29513	RGTGEDFDFSK	AGAP010025-PA	-	40	0.00072554	1	1258.572	1.32	Malpighian tubule	3R:-:47950653-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_29645	QVYCDPTYVPNK	AGAP010025-PA	C4(Carbamidomethyl)	52	8.24E-05	1	1483.690	0.92	Malpighian tubule	3R:-:47951177-47951142	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_29926	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	85	5.06E-08	1	2175.059	0.29	Visceras	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_31268	FRNFLIYVQDFVADDPK	AGAP010025-PA	-	75	4.10E-07	1	2087.068	3.94	Ovary	3R:-:47951597-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_31280	LLIHTGVTR	AGAP010025-PA	-	53	7.24E-06	1	1009.615	-0.71	Head	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_31615	SDIYVSLISSTHQVSAK	AGAP010025-PA	-	37	0.002286211	1	1834.959	2.5	Salivary gland	3R:-:47950932-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA

JHU_Ag_32281	MDEEYDAIVLGTGLK	AGAP010025-PA	N-Term(Acetyl), M1(Oxidation)	44	0.000538 1	2	1711.811	0.73	Head	3R:-:47953337-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_32996	ECILSGMLSVSGK	AGAP010025-PA	C2(Carbamidomethyl), M7(Oxidation)	71	1.16E-06	2	1396.682	0.83	Salivary gland	3R:-:47953292-47953254	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_33383	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	81	1.14E-07	1	2175.057	-0.61	Male reproductive organs	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_33699	CICLLDHPIPNTK	AGAP010025-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	79	1.80E-07	1	1580.797	3.09	Malpighian tubule	3R:-:47951022-47950984	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_34296	SDIYVSLISSTHQVSAK	AGAP010025-PA	-	78	1.66E-07	1	1834.953	-0.9	Visceras	3R:-:47950932-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_34615	FLMANGLLVK	AGAP010025-PA	M3(Oxidation)	32	0.004060 315	1	1121.638	-0.76	Midgut	3R:-:47953103-47953074	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_34722	DALSTQIIIPQMQVDR	AGAP010025-PA	M12(Oxidation)	47	0.000236 54	1	1843.960	0.85	Male reproductive organs	3R:-:47950983-47950936	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_34816	NFLIYVQDFVADDPK	AGAP010025-PA	-	123	7.38E-12	1	1783.895	2.73	Head	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_35258	EALASDLMGLFEK	AGAP010025-PA	M8(Oxidation)	103	8.53E-10	2	1439.715	4.27	Salivary gland	3R:-:47952968-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_35524	VPVDQKEALASDLMGLFEK	AGAP010025-PA	M14(Oxidation)	113	7.21E-11	1	2106.085	3.06	Malpighian tubule	3R:-:47952986-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_35998	SDIYVSLISSTHQVSAK	AGAP010025-PA	-	118	1.80E-11	1	1834.957	1.57	Head	3R:-:47950932-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_36244	NFLIYVQDFVADDPK	AGAP010025-PA	-	130	1.31E-12	1	1783.895	2.86	Ovary	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_36245	NFLIYVQDFVADDPK	AGAP010025-PA	-	123	6.73E-12	1	1783.900	5.26	Salivary gland	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_36637	STQDFTGHALALYR	AGAP010025-PA	-	107	3.76E-10	1	1579.787	0.65	Ovary	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_37282	IKQELGDEEQ	AGAP010025-PA	-	74	4.92E-07	1	1188.576	1.08	Malpighian tubule	3R:-:47950620-47950591	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_38482	CICLLDHPIPNTK	AGAP010025-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	49	0.000203 292	1	1580.796	2.15	Midgut	3R:-:47951022-47950984	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_38812	NFLIYVQDFVADDPK	AGAP010025-PA	-	58	2.63E-05	2	1783.889	-0.83	Male reproductive organs	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_38861	NFLIYVQDFVADDPK	AGAP010025-PA	-	108	2.18E-10	2	1783.895	2.66	Visceras	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_39561	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	131	6.07E-13	1	1963.050	0.47	Head	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_39639	IKLYSDSLAR	AGAP010025-PA	-	52	3.68E-05	1	1165.658	0.57	Pupa	3R:-:47951390-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_41083	ECILSGMLSVSGK	AGAP010025-PA	C2(Carbamidomethyl), M7(Oxidation)	70	1.43E-06	2	1396.683	1.18	Ovary	3R:-:47953292-47953254	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_41701	SDIYVSLISSTHQVSAK	AGAP010025-PA	-	99	1.25E-09	1	1834.964	5.09	Ovary	3R:-:47950932-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_41743	FLMANGLLVK	AGAP010025-PA	M3(Oxidation),"M3(Oxidation), N5(Deamidated)"	48	0.000122 748	1	1122.620	-2.25	Male reproductive organs	3R:-:47953103-47953074	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_42776	GTGEDFDFSK	AGAP010025-PA	-	69	4.27E-07	1	1102.471	1.88	Malpighian tubule	3R:-:47950650-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_43039	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	156	3.31E-15	1	2812.379	-0.05	Ovary	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_43853	DDSYLTEPAIK	AGAP010025-PA	-	69	2.18E-06	1	1251.609	-1.34	Ovary	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA

JHU_Ag_44755	GRDWNVDLIPK	AGAP010025-PA	-	67	2.17E-06	1	1312.703	1.43	Malpighian tubule	3R:-:47953136-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_45548	GRDWNVDLIPK	AGAP010025-PA	-	50	0.000116 69	1	1312.702	0.67	Pupa	3R:-:47953136-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_45653	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	103	5.62E-10	1	2812.391	4.31	Male reproductive organs	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_46099	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	130	8.02E-13	1	1963.050	0.47	Male reproductive organs	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_46241	QVYCDPTYVPNKVR	AGAP010025-PA	C4(Carbamidomethyl)	66	4.44E-06	1	1738.861	1.57	Malpighian tubule	3R:-:47951177-47951617,47950588-47951044	exon=> In CDS Exon 3 and 2 of transcript AGAP010025-PA
JHU_Ag_50201	IKLYSDSLAR	AGAP010025-PA	-	60	5.28E-06	1	1165.658	0.46	Malpighian tubule	3R:-:47951390-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_50685	NFLIYVQDFVADDPK	AGAP010025-PA	-	135	4.66E-13	1	1783.894	2.04	Malpighian tubule	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_51237	CICLLDHPIPNTK	AGAP010025-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	56	3.76E-05	1	1580.793	0.15	Visceras	3R:-:47951022-47950984	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_51462	DALSTQIIIPQMQVDR	AGAP010025-PA	M12(Oxidation)	96	3.04E-09	1	1843.960	1.12	Ovary	3R:-:47950983-47950936	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_52613	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	170	1.10E-16	1	2735.357	2.99	Pupa	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_52895	FAVDLPEGK	AGAP010025-PA	-	51	0.000135 261	1	975.514	-0.17	Male reproductive organs	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_53561	DALSTQIIIPQMQVDR	AGAP010025-PA	M12(Oxidation)	56	2.85E-05	2	1827.963	0.01	Salivary gland	3R:-:47950983-47950936	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_53769	FAVDLPEGK	AGAP010025-PA	-	40	0.001997 361	1	975.515	0.21	Head	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_53823	FLMANGLLVK	AGAP010025-PA	M3(Oxidation)	46	0.000161 954	2	1121.639	0.04	Head	3R:-:47953103-47953074	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_54434	YYGGESASITPLEDLFSR	AGAP010025-PA	-	75	4.93E-07	2	2004.949	-2.91	Midgut	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_54552	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	113	8.20E-11	1	2159.062	-0.48	Salivary gland	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_56080	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	150	7.93E-15	1	1963.050	0.18	Salivary gland	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_56251	DMQALYEK	AGAP010025-PA	M2(Oxidation)	52	6.10E-05	1	997.466	0.05	Midgut	3R:-:47951516-47951493	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_56252	DALSTQIIIPQMQVDRK	AGAP010025-PA	M12(Oxidation)	56	2.43E-05	1	1972.056	1.63	Malpighian tubule	3R:-:47950983-47950933	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_56381	SDIYVSLISSTHQVSAK	AGAP010025-PA	-	118	1.90E-11	1	1834.955	-0.03	Midgut	3R:-:47950932-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_57209	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	104	5.67E-10	1	2175.060	0.74	Ovary	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_58228	DDSYLTEPAIK	AGAP010025-PA	-	69	2.13E-06	1	1251.610	0.02	Male reproductive organs	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_58324	YYGGESASITPLEDLFSR	AGAP010025-PA	-	102	1.19E-09	1	2004.958	1.53	Pupa	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_58463	DALSTQIIIPQMQVDR	AGAP010025-PA	M12(Oxidation)	64	4.36E-06	2	1827.965	0.82	Midgut	3R:-:47950983-47950936	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_59288	MDEEYDAIVLGTGLK	AGAP010025-PA	N-Term(Acetyl), M1(Oxidation)	39	0.001838 072	2	1711.810	-0.05	Pupa	3R:-:47953337-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_59338	EALASDLMGLFEK	AGAP010025-PA	M8(Oxidation)	99	1.83E-09	1	1423.718	2.8	Malpighian tubule	3R:-:47952968-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_59390	SVEGSYVYK	AGAP010025-PA	-	45	0.000517 829	1	1031.504	-0.03	Head	3R:-:47953031-47953005	exon=> In CDS Exon 1 of transcript AGAP010025-PA

JHU_Ag_62012	YYGGESASITPLEDLFSR	AGAP010025-PA	-	116	4.01E-11	1	2004.959	1.84	Ovary	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_62669	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	158	1.89E-15	1	2719.355	0.49	Salivary gland	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_64315	FAVDLPEGK	AGAP010025-PA	-	55	7.30E-05	1	975.515	0.13	Malpighian tubule	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_64966	QVYCDPTYVPNKVR	AGAP010025-PA	C4(Carbamidomethyl)	55	5.03E-05	1	1738.862	2.27	Ovary	3R:-:47951177-47951617,47950588-47951044	exon=> In CDS Exon 3 and 2 of transcript AGAP010025-PA
JHU_Ag_65059	DWNVDLIPK	AGAP010025-PA	-	53	4.16E-05	2	1099.578	0	Salivary gland	3R:-:47953130-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_65077	DFDPSTKDMQALYEK	AGAP010025-PA	M9(Oxidation)	43	0.000595849	2	1803.812	0.86	Male reproductive organs	3R:-:47951537-47951493	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_66201	LYSDSLAR	AGAP010025-PA	-	46	0.000257352	1	924.482	4.04	Larva	3R:-:47951384-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_66349	DALSTQIIIPQMQVDR	AGAP010025-PA	M12(Oxidation)	59	1.58E-05	1	1843.963	2.71	Malpighian tubule	3R:-:47950983-47950936	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_67410	NKYYGGESASITPLEDLFSR	AGAP010025-PA	-	60	1.41E-05	2	2247.099	2.69	Ovary	3R:-:47953232-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_68017	DFDPSTK	AGAP010025-PA	-	39	0.00135259	1	809.368	0.46	Head	3R:-:47951537-47951517	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_68201	NFLIYVQDFVADDPK	AGAP010025-PA	-	105	4.64E-10	1	1783.896	3.34	Pupa	3R:-:47951591-47951547	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_68672	QVYCDPTYVPNK	AGAP010025-PA	C4(Carbamidomethyl)	56	2.91E-05	1	1483.687	-1.06	Head	3R:-:47951177-47951142	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_68925	DDSYLTEPAIK	AGAP010025-PA	-	47	0.000333822	1	1251.612	0.9	Pupa	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_69869	DALSTQIIIPQMQVDR	AGAP010025-PA	-	37	0.001983474	1	1827.966	1.42	Pupa	3R:-:47950983-47950936	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_69883	MDEEYDAIVLGTGLK	AGAP010025-PA	N-Term(Acetyl), M1(Oxidation)	98	2.07E-09	1	1711.810	0.02	Ovary	3R:-:47953337-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_70186	MDEEYDAIVLGTGLK	AGAP010025-PA	N-Term(Acetyl), M1(Oxidation)	120	1.37E-11	1	1711.811	0.95	Malpighian tubule	3R:-:47953337-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_70712	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	124	6.53E-12	1	2159.070	3.36	Malpighian tubule	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_70740	SVEGSYVYKGGK	AGAP010025-PA	-	80	1.62E-07	1	1273.642	-0.25	Pupa	3R:-:47953031-47952996	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_72280	STQDFTGHALALYR	AGAP010025-PA	-	121	1.38E-11	1	1579.788	0.95	Malpighian tubule	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_73233	QVYCDPTYVPNK	AGAP010025-PA	C4(Carbamidomethyl)	52	6.70E-05	1	1483.691	1.33	Ovary	3R:-:47951177-47951142	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_73369	STQDFTGHALALYR	AGAP010025-PA	-	102	1.01E-09	1	1579.789	1.42	Salivary gland	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_73512	DDSYLTEPAIK	AGAP010025-PA	-	66	4.20E-06	2	1251.611	0.41	Malpighian tubule	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_74069	STQDFTGHALALYR	AGAP010025-PA	Q3(Deamidated)	121	1.49E-11	1	1579.792	3.74	Head	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_74827	LLIHTGVTR	AGAP010025-PA	-	52	8.32E-06	1	1009.616	0.19	Malpighian tubule	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_74971	QVYCDPTYVPNKVR	AGAP010025-PA	C4(Carbamidomethyl)	38	0.002604718	1	1738.856	-1.5	Head	3R:-:47951177-47951617,47950588-47951044	exon=> In CDS Exon 3 and 2 of transcript AGAP010025-PA
JHU_Ag_75983	YYGGESASITPLEDLFSR	AGAP010025-PA	-	121	1.23E-11	1	2004.957	0.92	Head	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_76564	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	180	1.10E-17	1	2735.354	1.99	Malpighian tubule	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA

JHU_Ag_76635	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	126	1.90E-12	1	1963.049	-0.19	Pupa	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_76732	KVLHIDR	AGAP010025-PA	-	48	5.12E-05	2	880.537	0.29	Male reproductive organs	3R:-:47953253-47953233	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_77124	GTGEDFDFSK	AGAP010025-PA	-	56	7.46E-06	2	1102.469	-0.11	Midgut	3R:-:47950650-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_77748	DWNVDLIPK	AGAP010025-PA	-	44	0.000377543	2	1099.579	0.45	Midgut	3R:-:47953130-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_78838	STQDFTGHALALYR	AGAP010025-PA	-	53	9.61E-05	1	1579.786	-0.25	Midgut	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_79858	DALSTQIIIPQMQVDR	AGAP010025-PA	M12(Oxidation),"Q11(Deamidated), M12(Oxidation)","M12(Oxidation), Q13(Deamidated)"	74	4.66E-07	2	1843.966	3.9	Head	3R:-:47950983-47950936	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_80301	GTGEDFDFSK	AGAP010025-PA	-	42	0.000184028	1	1102.469	0.4	Male reproductive organs	3R:-:47950650-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_80367	GRDWNVDLIPK	AGAP010025-PA	-	42	0.000609891	1	1312.701	-0.1	Midgut	3R:-:47953136-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_81267	DMQALYEK	AGAP010025-PA	M2(Oxidation)	54	3.13E-05	1	1013.461	0.18	Ovary	3R:-:47951516-47951493	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_82427	EALASDLMGLFEK	AGAP010025-PA	M8(Oxidation)	90	1.37E-08	2	1423.717	2.37	Pupa	3R:-:47952968-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_84100	LYSDSLAR	AGAP010025-PA	-	45	0.000327584	2	924.479	0.61	Pupa	3R:-:47951384-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_85989	LYSDSLAR	AGAP010025-PA	-	48	0.000195968	2	924.478	-0.19	Midgut	3R:-:47951384-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_86769	GRDWNVDLIPK	AGAP010025-PA	-	44	0.000459465	1	1312.700	-0.31	Male reproductive organs	3R:-:47953136-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_86886	GRDWNVDLIPK	AGAP010025-PA	-	38	0.001973904	1	1312.696	-3.38	Head	3R:-:47953136-47953104	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_87660	DEEYDAIVLGTGLK	AGAP010025-PA	-	77	3.12E-07	2	1522.774	6.65	Midgut	3R:-:47953334-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_87859	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	106	3.71E-10	1	2175.054	-1.96	Head	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_88054	VLHIDR	AGAP010025-PA	-	35	0.000628108	2	752.441	0.1	Ovary	3R:-:47953250-47953233	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_88133	SVEGSYVYK	AGAP010025-PA	-	40	0.001366868	1	1031.502	-2.51	Midgut	3R:-:47953031-47953005	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_88136	LSAIYGGTYMLDKPIDEIVYDASGKVVGVR	AGAP010025-PA	M10(Oxidation)	35	0.002028141	1	3245.686	3.02	Ovary	3R:-:47951294-47951205	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_88830	EALASDLMGLFEK	AGAP010025-PA	M8(Oxidation)	103	7.56E-10	2	1439.717	5.62	Larva	3R:-:47952968-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_88951	IKQELGDEEQ	AGAP010025-PA	-	61	8.72E-06	1	1188.574	-0.05	Pupa	3R:-:47950620-47950591	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_89039	MDEEYDAIVLGTGLK	AGAP010025-PA	N-Term(Acetyl)	72	9.94E-07	1	1695.817	1.63	Salivary gland	3R:-:47953337-47953293	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_89061	YYGGESASITPLEDLFSR	AGAP010025-PA	-	101	1.52E-09	1	2004.955	-0.11	Malpighian tubule	3R:-:47953226-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_89198	KSDIYVSLISSTHQVSAK	AGAP010025-PA	-	152	4.78E-15	1	1963.050	0.09	Ovary	3R:-:47950935-47950882	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_90725	LYSDSLAR	AGAP010025-PA	-	47	0.000238334	1	924.478	-0.25	Ovary	3R:-:47951384-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA

JHU_Ag_90953	YGKSPYLYPMYGLGELPQGFAR	AGAP010025-PA	M10(Oxidation)	90	1.35E-08	1	2523.252	5.61	Malpighian tubule	3R:-:47951360-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_90959	SPYLYPMYGLGELPQGFAR	AGAP010025-PA	M7(Oxidation)	80	1.48E-07	1	2159.068	2.12	Pupa	3R:-:47951351-47951295	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_91532	STQDFTGHALALYR	AGAP010025-PA	-	121	1.42E-11	1	1579.787	0.57	Pupa	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_92351	SVEGSYVYK	AGAP010025-PA	-	37	0.002768964	1	1031.505	0.49	Pupa	3R:-:47953031-47953005	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_92434	LYSDSLAR	AGAP010025-PA	-	39	0.001480209	1	924.479	0.14	Malpighian tubule	3R:-:47951384-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_93694	FLMANGLLVK	AGAP010025-PA	N5(Deamidated),M3(Oxidation),"M3(Oxidation),N5(Deamidated)"	47	8.50E-05	1	1105.645	1.29	Malpighian tubule	3R:-:47953103-47953074	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_95245	NKYYGGESASITPLEDLFSR	AGAP010025-PA	-	103	6.21E-10	1	2247.096	1.17	Malpighian tubule	3R:-:47953232-47953173	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_95579	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	83	6.69E-08	1	2812.380	0.53	Salivary gland	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_98529	VPVDQKEALASDLMGLFEK	AGAP010025-PA	M14(Oxidation)	127	2.34E-12	1	2090.090	2.87	Ovary	3R:-:47952986-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_99031	EALASDLMGLFEK	AGAP010025-PA	M8(Oxidation)	103	7.85E-10	1	1439.715	4.44	Male reproductive organs	3R:-:47952968-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_99314	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	141	1.02E-13	1	2812.385	2.22	Head	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_99478	FAVDLPEGK	AGAP010025-PA	-	48	0.000283662	1	975.519	4.76	Larva	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_99805	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	99	1.46E-09	1	2719.349	-1.8	Midgut	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_99852	GTGEDFDFSK	AGAP010025-PA	-	64	1.35E-06	1	1102.471	1.99	Ovary	3R:-:47950650-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_101973	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	164	4.31E-16	1	2735.367	6.61	Larva	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_101989	DDSYLTEPAIK	AGAP010025-PA	-	70	1.63E-06	1	1251.612	1.49	Head	3R:-:47951435-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_102244	DALSTQIIIPQMQVDRK	AGAP010025-PA	M12(Oxidation)	76	2.69E-07	1	1972.051	-1.25	Midgut	3R:-:47950983-47950933	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_103467	DALSTQIIIPQMQVDRK	AGAP010025-PA	M12(Oxidation)	61	7.91E-06	1	1972.055	0.98	Pupa	3R:-:47950983-47950933	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_105079	IKQELGDEEQ	AGAP010025-PA	-	78	1.72E-07	1	1188.573	-1.18	Ovary	3R:-:47950620-47950591	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_105211	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	139	1.60E-13	1	2812.385	2.22	Pupa	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_105433	EALASDLMGLFEK	AGAP010025-PA	M8(Oxidation)	99	2.24E-09	1	1439.710	0.54	Ovary	3R:-:47952968-47953337,47951142-47951604	exon=> In CDS Exon 2 and 1 of transcript AGAP010025-PA
JHU_Ag_105582	SVEGSYVYK	AGAP010025-PA	-	43	0.000716937	1	1031.507	2.51	Ovary	3R:-:47953031-47953005	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_105756	LLIHTGVTR	AGAP010025-PA	-	53	7.57E-06	1	1009.617	1.89	Ovary	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_105939	FAVDLPEGK	AGAP010025-PA	-	52	0.000131328	2	975.517	2.38	Ovary	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_107889	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	184	5.37E-18	1	2735.350	0.45	Ovary	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_107907	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	-	94	5.10E-09	1	2719.358	1.57	Visceras	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA

JHU_Ag_108083	STQDFTGHALALYRDDSYLTEPAIK	AGAP010025-PA	-	135	3.55E-13	1	2812.394	5.41	Malpighian tubule	3R:-:47951477-47951403	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_109638	GTGEDFDFSK	AGAP010025-PA	-	69	4.04E-07	1	1102.468	-0.45	Pupa	3R:-:47950650-47950621	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_109788	STQDFTGHALALYR	AGAP010025-PA	-	73	9.63E-07	1	1579.786	-0.36	Male reproductive organs	3R:-:47951477-47951436	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_110115	FAVDLPEGK	AGAP010025-PA	-	53	0.000102137	2	975.514	-0.93	Visceras	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_110427	CICLLDHPIPNTK	AGAP010025-PA	C1(Carbamidomethyl), C3(Carbamidomethyl)	82	9.33E-08	1	1580.795	1.47	Head	3R:-:47951022-47950984	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_110835	IKLYSDSLAR	AGAP010025-PA	-	48	8.73E-05	1	1165.659	1.6	Ovary	3R:-:47951390-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_111107	IKLYSDSLAR	AGAP010025-PA	-	45	0.000157142	2	1165.658	-0.06	Male reproductive organs	3R:-:47951390-47951361	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_112459	DALSTQIIIPQMQVDRK	AGAP010025-PA	M12(Oxidation)	37	0.001800203	1	1972.058	2.18	Head	3R:-:47950983-47950933	exon=> In CDS Exon 3 of transcript AGAP010025-PA
JHU_Ag_112631	DMQALYEK	AGAP010025-PA	M2(Oxidation)	53	3.11E-05	1	1013.459	-2.11	Salivary gland	3R:-:47951516-47951493	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_113081	VLHIDR	AGAP010025-PA	-	43	0.000119108	1	752.439	-2.9	Head	3R:-:47953250-47953233	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_113776	FAVDLPEGKYGR	AGAP010025-PA	-	50	0.000135157	1	1351.700	-0.25	Malpighian tubule	3R:-:47953172-47953137	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_116198	LLIHTGVTR	AGAP010025-PA	-	36	0.000293727	1	1009.615	-0.58	Midgut	3R:-:47953073-47953047	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_116249	DFDPSTKDMQALYEK	AGAP010025-PA	M9(Oxidation)	43	0.000619635	1	1803.812	0.68	Ovary	3R:-:47951537-47951493	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_116412	FAVDLPEGK	AGAP010025-PA	-	53	0.000109181	2	975.512	-3	Midgut	3R:-:47953172-47953146	exon=> In CDS Exon 1 of transcript AGAP010025-PA
JHU_Ag_116670	LSAIYGGTYMLDKPIDEIVYDASGK	AGAP010025-PA	M10(Oxidation)	117	2.14E-11	1	2735.361	4.6	Male reproductive organs	3R:-:47951294-47951220	exon=> In CDS Exon 2 of transcript AGAP010025-PA
JHU_Ag_16506	SAVKGGHQR	AGAP010026-PA	Q8(Deamidated)	50	0.000123474	1	940.486	-10.24	Salivary gland	3R:+:47969307-47969333	exon=> In CDS Exon 1 of transcript AGAP010026-PA
JHU_Ag_62716	AGLEADLK	AGAP010028-PA	-	40	0.001828718	2	816.456	11.44	Visceras	3R:-:48002327-48002304	exon=> In CDS Exon 4 of transcript AGAP010028-PA
JHU_Ag_11777	LVHGDVFRPPR	AGAP010029-PA,AGAP009919-PA	-	36	0.001732047	1	1292.723	0.33	Midgut	3R:-:48006568-48006536;3R:-:45304188-45304156	exon=> In CDS Exon 4 of transcript AGAP010029-PA;exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_16597	LVHGDVFRPPR	AGAP010029-PA,AGAP009919-PA	-	39	0.000924585	1	1292.722	0.08	Salivary gland	3R:-:48006568-48006536;3R:-:45304188-45304156	exon=> In CDS Exon 4 of transcript AGAP010029-PA;exon=> In CDS Exon 2 of transcript AGAP009919-PA
JHU_Ag_29060	NTLDAILTNAAR	AGAP010031-PA	-	66	3.19E-06	2	1272.690	-0.27	Male reproductive organs	3R:-:48058048-48058013	exon=> In CDS Exon 3 of transcript AGAP010031-PA
JHU_Ag_70168	AILLQTLANIEQQQSDNR	AGAP010031-PA	-	120	1.05E-11	1	2055.087	2.05	Male reproductive organs	3R:-:48058390-48058337	exon=> In CDS Exon 2 of transcript AGAP010031-PA
JHU_Ag_108359	NQSTNTLFKPGATR	AGAP010031-PA	-	51	0.000129965	2	1534.805	4.85	Male reproductive organs	3R:-:48058255-48058214	exon=> In CDS Exon 2 of transcript AGAP010031-PA
JHU_Ag_11747	SPPEQLPIVLQVLLSQVHR	AGAP010035-PA	-	56	2.23E-06	1	2153.257	6.17	Ovary	3R:+:48066626-48066682	exon=> In CDS Exon 1 of transcript AGAP010035-PA
JHU_Ag_63286	QDLLVASLFR	AGAP010035-PA	-	41	0.000408661	2	1161.673	8.47	Midgut	3R:+:48066359-48066388	exon=> In CDS Exon 1 of transcript AGAP010035-PA
JHU_Ag_1261	GGTWFASFGR	AGAP010039-PA	-	51	7.18E-05	2	1085.514	-1.76	Midgut	3R:-:48118414-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_2704	GGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	-	48	8.25E-05	1	2078.142	6.89	Larva	3R:-:48118261-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA

JHU_Ag_4479	IFTNLYGR	AGAP010039-PA	-	55	3.37E-05	1	983.530	-0.73	Ovary	3R:-:48119139-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_4623	GAGAYICGEETALIESLEGK	AGAP010039-PA	C7(Carbamidomethyl)	146	4.80E-14	1	2067.994	1.82	Visceras	3R:-:48118588-48118529	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_4792	GGAGFPTGMK	AGAP010039-PA	M9(Oxidation)	42	0.0006607	1	938.440	-0.18	Midgut	3R:-:48118921-48118892	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_5164	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	123	6.78E-12	1	1651.766	1.67	Head	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_5562	RGGTWFASFGR	AGAP010039-PA	-	54	4.67E-05	1	1241.619	0.98	Head	3R:-:48118417-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_5654	TKFGPLADQDR	AGAP010039-PA	-	71	1.29E-06	1	1247.638	-0.35	Midgut	3R:-:48119172-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_5962	IFTNLYGR	AGAP010039-PA	-	50	9.16E-05	1	983.531	0.2	Malpighian tubule	3R:-:48119139-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_7424	QIEGHTICALGDGAAWPVQGLIR	AGAP010039-PA	C8(Carbamidomethyl)	100	1.30E-09	1	2462.264	1.09	Head	3R:-:48117934-48118953,48117728-48117797	exon=> In CDS Exon 3 and 2 of transcript AGAP010039-PA
JHU_Ag_8026	NACGSGYDFDVFMHR	AGAP010039-PA	C3(Carbamidomethyl), M13(Oxidation)	41	0.000168294	1	1791.722	0.57	Salivary gland	3R:-:48118633-48118589	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_9879	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	111	9.87E-11	2	1651.756	-4.39	Midgut	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_10149	GTDWILNEMK	AGAP010039-PA	M9(Oxidation)	69	1.94E-06	1	1206.583	0.74	Visceras	3R:-:48119046-48119289,48117877-48118943	exon=> In CDS Exon 2 and 1 of transcript AGAP010039-PA
JHU_Ag_10322	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	63	7.17E-06	2	1651.765	1.15	Male reproductive organs	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_10494	TKFGPLADQDR	AGAP010039-PA	-	67	3.79E-06	1	1247.637	-1.04	Visceras	3R:-:48119172-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_10527	LKPPFPADVGVFGCPTTVSNVETVAVAPTICR	AGAP010039-PA	C14(Carbamidomethyl), C31(Carbamidomethyl)	64	2.79E-06	1	3399.754	3.01	Head	3R:-:48118513-48118418	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_11363	GGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	-	34	0.002207252	1	2078.132	1.78	Pupa	3R:-:48118261-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_12141	LIEGCLIAGR	AGAP010039-PA	C5(Carbamidomethyl)	70	1.17E-06	1	1101.609	0.34	Malpighian tubule	3R:-:48118774-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_13594	IFTNLYGR	AGAP010039-PA	-	54	3.68E-05	2	983.531	-0.42	Midgut	3R:-:48119139-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_15237	FGPLADQDR	AGAP010039-PA	-	58	2.33E-05	2	1018.494	-1.68	Head	3R:-:48119166-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_20617	FGPLADQDR	AGAP010039-PA	-	62	1.05E-05	2	1018.495	-0.42	Midgut	3R:-:48119166-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_21281	GGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	-	89	7.64E-09	1	2078.135	3.07	Malpighian tubule	3R:-:48118261-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_22488	RGGTWFASFGR	AGAP010039-PA	-	64	4.99E-06	2	1241.617	-0.3	Midgut	3R:-:48118417-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_22674	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	99	1.63E-09	1	1651.762	-0.62	Visceras	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_22849	FGPLADQDRIFTNLYGR	AGAP010039-PA	-	77	2.72E-07	1	1983.018	5	Male reproductive organs	3R:-:48119166-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_24145	LIMFYK	AGAP010039-PA	M3(Oxidation)	37	0.00310375	1	830.448	0.44	Ovary	3R:-:48118078-48118061	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_24202	HFRPEIESR	AGAP010039-PA	-	45	0.000350508	2	1170.602	0.63	Head	3R:-:48117796-48117770	exon=> In CDS Exon 3 of transcript AGAP010039-PA
JHU_Ag_24289	HESCGQCTPCR	AGAP010039-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	45	1.93E-05	2	1391.526	0.96	Salivary gland	3R:-:48118060-48118028	exon=> In CDS Exon 2 of transcript AGAP010039-PA

JHU_Ag_25753	FGPLADQDR	AGAP010039-PA	-	59	1.90E-05	1	1018.495	0.18	Malpighian tubule	3R:-:48119166-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_26646	IFTNLYGR	AGAP010039-PA	-	48	0.00013837	2	983.531	0.2	Salivary gland	3R:-:48119139-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_27011	NACGSGYDFDVFMHR	AGAP010039-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M13(Oxidation)"	119	4.99E-12	1	1775.728	0.94	Malpighian tubule	3R:-:48118633-48118589	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_27349	LFNISGHVNTPCTVEEEMSIPLK	AGAP010039-PA	C12(Carbamidomethyl),"C12(Carbamidomethyl), M18(Oxidation)"	111	9.65E-11	1	2631.281	0.69	Midgut	3R:-:48118363-48118295	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_28044	GGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	N5(Deamidated)	51	4.50E-05	1	2078.130	1.08	Head	3R:-:48118261-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_28062	FVTGNARPAEIDMLWEISK	AGAP010039-PA	-	88	1.83E-08	1	2177.109	1.42	Visceras	3R:-:48117991-48117935	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_29074	LFNISGHVNTPCTVEEEMSIPLKELIER	AGAP010039-PA	C12(Carbamidomethyl)	182	6.61E-18	1	3255.646	2.26	Visceras	3R:-:48118363-48118280	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_29681	LIEGCLIAGR	AGAP010039-PA	C5(Carbamidomethyl)	65	4.88E-06	2	1101.610	1.56	Salivary gland	3R:-:48118774-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_30138	LFNISGHVNTPCTVEEEMSIPLKELIER	AGAP010039-PA	C12(Carbamidomethyl), M18(Oxidation)	94	3.66E-09	1	3271.629	-1.55	Midgut	3R:-:48118363-48118280	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_31045	HFRPEIESR	AGAP010039-PA	-	51	8.49E-05	2	1170.602	0.11	Visceras	3R:-:48117796-48117770	exon=> In CDS Exon 3 of transcript AGAP010039-PA
JHU_Ag_31332	TKFGPLADQDR	AGAP010039-PA	-	53	8.00E-05	1	1247.638	0.13	Pupa	3R:-:48119172-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_31344	GTDWILNEMK	AGAP010039-PA	-	39	0.001777136	2	1206.582	-0.47	Head	3R:-:48119046-48119289,48117877-48118943	exon=> In CDS Exon 2 and 1 of transcript AGAP010039-PA
JHU_Ag_31661	LKPPFPADVGVFGCPTTVSNVETVAVAPTICR	AGAP010039-PA	C14(Carbamidomethyl), C31(Carbamidomethyl)	76	1.90E-07	1	3399.736	-2.37	Midgut	3R:-:48118513-48118418	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_33142	WSFMNKPSDGRPK	AGAP010039-PA	-	68	2.66E-06	1	1549.757	-0.78	Visceras	3R:-:48118891-48118853	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_33374	GAGAYICGEETALIESLEGK	AGAP010039-PA	C7(Carbamidomethyl)	141	1.25E-13	1	2067.995	2.06	Malpighian tubule	3R:-:48118588-48118529	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_33395	GTDWILNEMK	AGAP010039-PA	M9(Oxidation)	53	6.60E-05	2	1222.578	0.3	Salivary gland	3R:-:48119046-48119289,48117877-48118943	exon=> In CDS Exon 2 and 1 of transcript AGAP010039-PA
JHU_Ag_33908	GGTWFASFGR	AGAP010039-PA	-	51	6.90E-05	2	1085.517	0.83	Visceras	3R:-:48118414-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_34130	HESCGQCTPCR	AGAP010039-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	51	5.15E-06	2	1391.529	2.97	Ovary	3R:-:48118060-48118028	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_34527	FGPLADQDR	AGAP010039-PA	-	50	0.000162747	2	1018.495	-0.3	Ovary	3R:-:48119166-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_35288	IFTNLYGR	AGAP010039-PA	-	62	5.76E-06	2	983.531	0.57	Pupa	3R:-:48119139-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_36994	GTDWILNEMK	AGAP010039-PA	-	63	7.90E-06	2	1206.584	1.35	Malpighian tubule	3R:-:48119046-48119289,48117877-48118943	exon=> In CDS Exon 2 and 1 of transcript AGAP010039-PA
JHU_Ag_37312	QIEGHTICALGDGAAWPVQGLIR	AGAP010039-PA	C8(Carbamidomethyl)	101	9.83E-10	1	2462.259	-0.79	Visceras	3R:-:48117934-48118953,48117728-48117797	exon=> In CDS Exon 3 and 2 of transcript AGAP010039-PA
JHU_Ag_40759	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	121	1.09E-11	1	1651.766	1.89	Malpighian tubule	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA

JHU_Ag_41661	HESCGQCTPCR	AGAP010039-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	70	6.90E-08	1	1391.524	-0.54	Midgut	3R:-:48118060-48118028	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_41908	LFNISGHVNTPCTVEEEMSIPLK	AGAP010039-PA	C12(Carbamidomethyl), M18(Oxidation)	113	6.98E-11	1	2631.282	0.82	Ovary	3R:-:48118363-48118295	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_43432	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	64	5.90E-06	2	1651.766	1.89	Pupa	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_43840	GTDWILNEMK	AGAP010039-PA	M9(Oxidation)	41	0.00107024	2	1222.578	0.4	Pupa	3R:-:48119046-48119289,48117877-48118943	exon=> In CDS Exon 2 and 1 of transcript AGAP010039-PA
JHU_Ag_46496	GAGAYICGEETALIESLEGK	AGAP010039-PA	C7(Carbamidomethyl)	151	1.54E-14	1	2067.996	2.65	Head	3R:-:48118588-48118529	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_46537	AAYIYIR	AGAP010039-PA	-	44	0.000254024	2	869.490	2.3	Larva	3R:-:48118729-48118709	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_46756	LFNISGHVNTPCTVEEEMSIPLK	AGAP010039-PA	C12(Carbamidomethyl),"C12(Carbamidomethyl), M18(Oxidation)"	92	7.92E-09	1	2615.293	3.11	Malpighian tubule	3R:-:48118363-48118295	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_46934	GEFYNEASNMQLAIAEAYQAGLIGK	AGAP010039-PA	M10(Oxidation)	115	4.65E-11	2	2704.303	3.74	Midgut	3R:-:48118708-48118634	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_46952	IFTNLYGR	AGAP010039-PA	-	50	9.49E-05	2	983.530	-1.11	Head	3R:-:48119139-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_49425	HDPHKLIEGCLIAGR	AGAP010039-PA	C10(Carbamidomethyl)	80	1.30E-07	1	1715.901	0.23	Malpighian tubule	3R:-:48118789-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_51336	GAGAYICGEETALIESLEGK	AGAP010039-PA	C7(Carbamidomethyl)	133	7.76E-13	1	2067.984	-2.9	Salivary gland	3R:-:48118588-48118529	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_52344	AAYIYIR	AGAP010039-PA	-	40	0.000648455	2	869.488	-0.16	Pupa	3R:-:48118729-48118709	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_52625	FGPLADQDRIFTNLYGR	AGAP010039-PA	-	105	4.26E-10	1	1983.013	2.41	Malpighian tubule	3R:-:48119166-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_53914	GEFYNEASNMQLAIAEAYQAGLIGK	AGAP010039-PA	M10(Oxidation)	99	2.06E-09	1	2704.296	1.18	Ovary	3R:-:48118708-48118634	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_54526	TKEILLK	AGAP010039-PA	-	34	0.000173465	2	844.550	-0.13	Midgut	3R:-:48119067-48119047	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_57557	LKPPFPADVGVFGCPTTVSNVETVAVAPTICR	AGAP010039-PA	C14(Carbamidomethyl), C31(Carbamidomethyl)	92	4.47E-09	1	3399.758	4.09	Malpighian tubule	3R:-:48118513-48118418	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_59151	FGPLADQDR	AGAP010039-PA	-	61	1.46E-05	1	1018.495	-0.42	Salivary gland	3R:-:48119166-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_60292	NACGSGYDFDVFMHR	AGAP010039-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M13(Oxidation)"	123	1.74E-12	1	1775.728	1.01	Visceras	3R:-:48118633-48118589	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_62700	HFRPEIESR	AGAP010039-PA	-	40	0.001104778	2	1170.617	12.94	Pupa	3R:-:48117796-48117770	exon=> In CDS Exon 3 of transcript AGAP010039-PA
JHU_Ag_63697	LFNISGHVNTPCTVEEEMSIPLK	AGAP010039-PA	C12(Carbamidomethyl), M18(Oxidation)	83	7.38E-08	1	2631.294	5.63	Larva	3R:-:48118363-48118295	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_64183	LIMFYK	AGAP010039-PA	M3(Oxidation)	36	0.004316877	2	830.450	2.87	Larva	3R:-:48118078-48118061	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_64332	AAYIYIR	AGAP010039-PA	-	48	0.000101363	2	869.488	-0.02	Malpighian tubule	3R:-:48118729-48118709	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_66420	GGTWFASFGR	AGAP010039-PA	-	48	0.000152542	1	1085.518	1.05	Pupa	3R:-:48118414-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_68221	RGGTWFASFGR	AGAP010039-PA	-	49	0.000176459	1	1241.616	-0.89	Salivary gland	3R:-:48118417-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_68627	IFTNLYGR	AGAP010039-PA	-	34	0.003225883	2	983.531	0.51	Visceras	3R:-:48119139-48119116	exon=> In CDS Exon 1 of transcript AGAP010039-PA

JHU_Ag_69730	LKPPFPADVGVFGCPTTVSNVETVAVAPTICR	AGAP010039-PA	C14(Carbamidomethyl), C31(Carbamidomethyl)	67	1.37E-06	1	3399.747	0.97	Visceras	3R:-:48118513-48118418	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_70863	LFNISGHVNTPCTVEEEMSIPLKELIER	AGAP010039-PA	C12(Carbamidomethyl), M18(Oxidation)	39	0.001108592	1	3271.635	0.31	Head	3R:-:48118363-48118280	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_73067	HESCGQCTPCR	AGAP010039-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C10(Carbamidomethyl)	59	6.87E-07	2	1391.518	-5.27	Head	3R:-:48118060-48118028	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_73201	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	118	1.87E-11	1	1651.762	-0.77	Salivary gland	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_73359	LFNISGHVNTPCTVEEEMSIPLKELIER	AGAP010039-PA	C12(Carbamidomethyl), M18(Oxidation)	99	1.31E-09	1	3271.628	-1.78	Male reproductive organs	3R:-:48118363-48118280	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_73603	GEFYNEASNMQLAIAEAYQAGLIGK	AGAP010039-PA	M10(Oxidation)	32	0.009677444	3	2704.303	3.89	Head	3R:-:48118708-48118634	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_75057	RGGTWFASFGR	AGAP010039-PA	-	50	0.000130128	2	1241.623	4.13	Larva	3R:-:48118417-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_76438	GGTWFASFGR	AGAP010039-PA	-	53	4.40E-05	2	1085.516	0.04	Head	3R:-:48118414-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_76449	NACGSGYDFDVFMHR	AGAP010039-PA	C3(Carbamidomethyl),"N1(Deamidated), C3(Carbamidomethyl), M13(Oxidation)","C3(Carbamidomethyl), M13(Oxidation)"	119	5.04E-12	1	1775.728	1.01	Head	3R:-:48118633-48118589	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_77745	AAYIYIR	AGAP010039-PA	-	45	0.000216212	2	869.488	0.4	Salivary gland	3R:-:48118729-48118709	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_78808	GEFYNEASNMQLAIAEAYQAGLIGK	AGAP010039-PA	M10(Oxidation)	66	4.18E-06	2	2704.312	7.17	Male reproductive organs	3R:-:48118708-48118634	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_79019	LKPPFPADVGVFGCPTTVSNVETVAVAPTICRR	AGAP010039-PA	C14(Carbamidomethyl), C31(Carbamidomethyl)	76	1.43E-07	1	3555.862	4.63	Malpighian tubule	3R:-:48118513-48118415	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_79361	FGPLADQDR	AGAP010039-PA	-	41	0.001369344	1	1018.495	-0.66	Visceras	3R:-:48119166-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_81755	GAGAYICGEETALIESLEGK	AGAP010039-PA	C7(Carbamidomethyl)	142	1.18E-13	1	2067.986	-2.19	Midgut	3R:-:48118588-48118529	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_81839	YLVVNADEGEPGTCKDR	AGAP010039-PA	C14(Carbamidomethyl)	71	1.14E-06	1	1922.890	-0.93	Midgut	3R:-:48118852-48118802	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_83206	LFNISGHVNTPCTVEEEMSIPLK	AGAP010039-PA	C12(Carbamidomethyl),"C12(Carbamidomethyl), M18(Oxidation)"	93	6.79E-09	1	2631.287	2.98	Head	3R:-:48118363-48118295	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_83522	FVTGNARPAEIDMLWEISK	AGAP010039-PA	M13(Oxidation)	98	1.80E-09	1	2193.116	6.87	Larva	3R:-:48117991-48117935	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_85477	HAGGIRGGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	-	53	1.42E-05	1	2669.463	3.83	Malpighian tubule	3R:-:48118279-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_85531	HFRPEIESR	AGAP010039-PA	-	38	0.001965432	2	1170.599	-2.29	Midgut	3R:-:48117796-48117770	exon=> In CDS Exon 3 of transcript AGAP010039-PA
JHU_Ag_85562	GGTWFASFGR	AGAP010039-PA	-	48	0.000146696	2	1085.515	-1.2	Male reproductive organs	3R:-:48118414-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_85678	TKEILLK	AGAP010039-PA	-	25	0.001297814	1	844.550	-0.86	Salivary gland	3R:-:48119067-48119047	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_86345	GGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	-	61	5.55E-06	1	2078.129	0.37	Visceras	3R:-:48118261-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_87437	LIMFYK	AGAP010039-PA	-	29	0.009073 94	2	814.453	0.2	Midgut	3R:-:48118078-48118061	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_88182	LIEGCLIAGR	AGAP010039-PA	C5(Carbamidomethyl)	71	8.91E-07	2	1101.608	-0.21	Visceras	3R:-:48118774-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA

JHU_Ag_88421	YLVVNADEGEPGTCK	AGAP010039-PA	C14(Carbamidomethyl)	115	3.80E-11	1	1651.765	1.08	Ovary	3R:-:48118852-48118808	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_88462	RGGTWFASFGR	AGAP010039-PA	-	68	2.09E-06	2	1241.618	0.78	Visceras	3R:-:48118417-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_88962	LFNISGHVNTPCTVEEEMSIPLK	AGAP010039-PA	C12(Carbamidomethyl)	55	4.74E-05	3	2615.289	1.64	Visceras	3R:-:48118363-48118295	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_90428	QIEGHTICALGDGAAWPVQGLIR	AGAP010039-PA	C8(Carbamidomethyl)	46	0.000357151	3	2462.255	-2.55	Midgut	3R:-:48117934-48118953,48117728-48117797	exon=> In CDS Exon 3 and 2 of transcript AGAP010039-PA
JHU_Ag_90695	DREIMR	AGAP010039-PA	M5(Oxidation)	33	0.008001399	1	835.407	-2.94	Head	3R:-:48118807-48118790	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_90696	FVTGNARPAEIDMLWEISK	AGAP010039-PA	-	39	0.001494245	1	2177.112	2.85	Malpighian tubule	3R:-:48117991-48117935	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_90814	FVTGNARPAEIDMLWEISK	AGAP010039-PA	M13(Oxidation)	90	1.49E-08	1	2177.103	-1.35	Midgut	3R:-:48117991-48117935	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_91764	YLVVNADEGEPGTCKDR	AGAP010039-PA	C14(Carbamidomethyl)	106	3.41E-10	1	1922.890	-0.48	Visceras	3R:-:48118852-48118802	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_93661	FVTGNARPAEIDMLWEISK	AGAP010039-PA	M13(Oxidation)	64	5.53E-06	1	2193.103	1.03	Pupa	3R:-:48117991-48117935	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_95028	AAYIYIR	AGAP010039-PA	-	38	0.000961347	2	869.489	1.1	Ovary	3R:-:48118729-48118709	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_95100	LKPPFPADVGVFGCPTTVSNVETVAVAPTICR	AGAP010039-PA	C14(Carbamidomethyl), C31(Carbamidomethyl)	37	0.00125921	1	3399.756	3.55	Pupa	3R:-:48118513-48118418	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_96533	GGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	-	86	2.09E-08	1	2078.122	-3.15	Midgut	3R:-:48118261-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_97251	LIEGCLIAGR	AGAP010039-PA	C5(Carbamidomethyl)	61	8.37E-06	2	1101.608	-0.43	Head	3R:-:48118774-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_97273	TKEILLK	AGAP010039-PA	-	37	8.32E-05	1	844.550	-0.35	Malpighian tubule	3R:-:48119067-48119047	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_98279	RGGTWFASFGR	AGAP010039-PA	-	60	1.18E-05	1	1241.618	0.59	Malpighian tubule	3R:-:48118417-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_98586	EGIAWMNK	AGAP010039-PA	-	36	0.003736586	2	948.461	-0.08	Midgut	3R:-:48118027-48118004	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_98869	LIMFYK	AGAP010039-PA	-	31	0.00453276	1	814.455	2.6	Malpighian tubule	3R:-:48118078-48118061	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_99147	QIEGHTICALGDGAAWPVQGLIR	AGAP010039-PA	C8(Carbamidomethyl)	55	3.73E-05	1	2462.283	8.83	Malpighian tubule	3R:-:48117934-48118953,48117728-48117797	exon=> In CDS Exon 3 and 2 of transcript AGAP010039-PA
JHU_Ag_99224	NACGSGYDFDVFMHR	AGAP010039-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M13(Oxidation)"	128	6.70E-13	1	1775.728	1.08	Midgut	3R:-:48118633-48118589	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_99548	LFNISGHVNTPCTVEEEMSIPLKELIER	AGAP010039-PA	C12(Carbamidomethyl),"C12(Carbamidomethyl), M18(Oxidation)"	102	6.31E-10	1	3271.627	-2.09	Malpighian tubule	3R:-:48118363-48118280	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_100288	FGPLADQDR	AGAP010039-PA	-	66	4.19E-06	1	1018.494	-0.96	Pupa	3R:-:48119166-48119140	exon=> In CDS Exon 1 of transcript AGAP010039-PA
JHU_Ag_100813	LIEGCLIAGR	AGAP010039-PA	C5(Carbamidomethyl)	73	6.18E-07	1	1101.609	0.01	Ovary	3R:-:48118774-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_101242	YLVVNADEGEPGTCKDR	AGAP010039-PA	C14(Carbamidomethyl)	84	5.24E-08	1	1922.891	-0.04	Male reproductive organs	3R:-:48118852-48118802	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_102297	YLVVNADEGEPGTCKDR	AGAP010039-PA	C14(Carbamidomethyl)	92	6.67E-09	1	1922.887	-2.13	Head	3R:-:48118852-48118802	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_102643	GGTWFASFGR	AGAP010039-PA	-	52	5.31E-05	1	1085.518	1.39	Malpighian tubule	3R:-:48118414-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA

JHU_Ag_103781	GAGAYICGEETALIESLEGK	AGAP010039-PA	C7(Carbamidomethyl)	116	4.00E-11	1	2067.993	1.35	Ovary	3R:-:48118588-48118529	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_104753	GGWDNLLGIIPGGSSTPVIPK	AGAP010039-PA	-	69	7.36E-07	1	2078.131	1.19	Salivary gland	3R:-:48118261-48118199	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_106291	HFRPEIESR	AGAP010039-PA	-	34	0.004863007	1	1170.601	0.01	Malpighian tubule	3R:-:48117796-48117770	exon=> In CDS Exon 3 of transcript AGAP010039-PA
JHU_Ag_107516	LIEGCLIAGR	AGAP010039-PA	C5(Carbamidomethyl)	60	1.18E-05	1	1101.609	0.45	Pupa	3R:-:48118774-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_108279	GEFYNEASNMQLAIAEAYQAGLIGK	AGAP010039-PA	M10(Oxidation)	112	9.02E-11	2	2688.304	2.51	Visceras	3R:-:48118708-48118634	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_108946	LIEGCLIAGR	AGAP010039-PA	C5(Carbamidomethyl)	78	2.82E-07	2	1101.606	-2.09	Midgut	3R:-:48118774-48118745	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_109476	AAYIYIR	AGAP010039-PA	-	51	4.49E-05	2	869.487	-0.65	Visceras	3R:-:48118729-48118709	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_113032	GTDWILNEMK	AGAP010039-PA	M9(Oxidation)	73	6.95E-07	2	1222.577	0	Midgut	3R:-:48119046-48119289,48117877-48118943	exon=> In CDS Exon 2 and 1 of transcript AGAP010039-PA
JHU_Ag_113485	YLVVNADEGEPGTCKDR	AGAP010039-PA	C14(Carbamidomethyl)	93	6.76E-09	1	1922.893	0.91	Malpighian tubule	3R:-:48118852-48118802	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_115375	LFNISGHVNTPCTVEEEMSIPLK	AGAP010039-PA	C12(Carbamidomethyl), M18(Oxidation)	46	0.000306706	3	2631.278	-0.36	Salivary gland	3R:-:48118363-48118295	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_115939	GGTWFASFGR	AGAP010039-PA	-	49	0.00011047	2	1085.517	0.71	Salivary gland	3R:-:48118414-48118385	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_116708	EGIAWMNK	AGAP010039-PA	-	46	0.000421813	1	948.461	0.51	Malpighian tubule	3R:-:48118027-48118004	exon=> In CDS Exon 2 of transcript AGAP010039-PA
JHU_Ag_31701	EILLK	AGAP010039-PA,AGAP008700-PA	-	34	0.001493801	1	615.407	-0.64	Midgut	3R:-:48119061-48119047;3R:+:15525541-15525555	exon=> In CDS Exon 1 of transcript AGAP010039-PA;exon=> In CDS Exon 7 of transcript AGAP008700-PA
JHU_Ag_945	SIAPSLVYCSITGFGSEGPYK	AGAP010040-PA	C9(Carbamidomethyl)	83	7.22E-08	1	2233.094	4	Malpighian tubule	3R:+:48123651-48123713	exon=> In CDS Exon 2 of transcript AGAP010040-PA
JHU_Ag_37337	VGIAITDIATGLYAHGAILAALLQR	AGAP010040-PA	-	99	1.63E-10	1	2521.453	1.3	Ovary	3R:+:48123798-48123872	exon=> In CDS Exon 2 of transcript AGAP010040-PA
JHU_Ag_59919	LDSLGLGYETLK	AGAP010040-PA	-	78	1.52E-07	1	1308.707	2.07	Malpighian tubule	3R:+:48123615-48123650	exon=> In CDS Exon 2 of transcript AGAP010040-PA
JHU_Ag_69328	ELIAILSDILK	AGAP010040-PA	-	22	0.01012437	2	1227.751	-3.8	Midgut	3R:+:48124164-48124196	exon=> In CDS Exon 2 of transcript AGAP010040-PA
JHU_Ag_75881	ELIAILSDILK	AGAP010040-PA	-	55	4.76E-06	1	1227.758	2.07	Malpighian tubule	3R:+:48124164-48124196	exon=> In CDS Exon 2 of transcript AGAP010040-PA
JHU_Ag_92963	LLGVAELAQDER	AGAP010040-PA	-	73	4.65E-07	2	1313.706	-0.13	Malpighian tubule	3R:+:48124092-48124127	exon=> In CDS Exon 2 of transcript AGAP010040-PA
JHU_Ag_114716	ELIAILSDILK	AGAP010040-PA	-	72	9.69E-08	1	1227.757	0.88	Ovary	3R:+:48124164-48124196	exon=> In CDS Exon 2 of transcript AGAP010040-PA
JHU_Ag_39911	ILDLTR	AGAP010040-PA,AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	45	0.000313581	2	730.446	-0.35	Pupa	3R:+:48123339-48123356;2L:+:27918080-27918097;2L:+:27918080-27918097	exon=> In CDS Exon 1 of transcript AGAP010040-PA;exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_64470	ILDLTR	AGAP010040-PA,AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	45	0.000435926	2	730.447	1.23	Head	3R:+:48123339-48123356;2L:+:27918080-27918097;2L:+:27918080-27918097	exon=> In CDS Exon 1 of transcript AGAP010040-PA;exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA

JHU_Ag_79408	ILDLTR	AGAP010040-PA,AGAP006186-PE,AGAP006186-PB,AGAP006186-PA	-	45	0.000437384	2	730.448	3.49	Malpighian tubule	3R:+:48123339-48123356;2L:+:27918080-27918097;2L:+:27918080-27918097;2L:+:27918080-27918097	exon=> In CDS Exon 1 of transcript AGAP010040-PA;exon=> In CDS Exon 4 of transcript AGAP006186-PE;exon=> In CDS Exon 4 of transcript AGAP006186-PB;exon=> In CDS Exon 4 of transcript AGAP006186-PA
JHU_Ag_19593	AEIGDDVPLADRIR	AGAP010041-PA	N-Term(Acetyl)	44	0.000473506	1	1581.828	3.29	Malpighian tubule	3R:+:48135366-48135407	exon=> In CDS Exon 1 of transcript AGAP010041-PA
JHU_Ag_21536	LGIPIVNR	AGAP010041-PA	-	31	0.000988966	1	881.548	-10.19	Larva	3R:+:48138414-48138437	exon=> In CDS Exon 8 of transcript AGAP010041-PA
JHU_Ag_31979	ITSVNFPR	AGAP010041-PA	-	39	0.001460023	2	933.519	3.82	Malpighian tubule	3R:+:48137589-48137612	exon=> In CDS Exon 5 of transcript AGAP010041-PA
JHU_Ag_80917	LGIPIVNR	AGAP010041-PA	-	31	0.000988966	1	881.548	-10.47	Malpighian tubule	3R:+:48138414-48138437	exon=> In CDS Exon 8 of transcript AGAP010041-PA
JHU_Ag_92447	IFLQLR	AGAP010041-PA	-	28	0.002172418	2	789.501	3.07	Malpighian tubule	3R:+:48135558-48135575	exon=> In CDS Exon 1 of transcript AGAP010041-PA
JHU_Ag_30660	SNQLCGISCWHPAWLQR	AGAP010042-PA	C5(Carbamidomethyl),C9(Carbamidomethyl)	31	0.010102987	1	2112.983	-1.17	Midgut	3R:-:48144071-48144021	exon=> In CDS Exon 1 of transcript AGAP010042-PA
JHU_Ag_88282	EMAEQQQR	AGAP010042-PA	M2(Oxidation),Q6(Deamidated)	29	0.006822916	1	1036.445	8.71	Head	3R:-:48139962-48139939	exon=> In CDS Exon 7 of transcript AGAP010042-PA
JHU_Ag_83304	FFLPTSHADGINDEWASR	AGAP010043-PA,AGAP012628-PA	-	119	1.86E-11	1	2062.963	0.54	Midgut	3R:+:48154273-48154326;UNKN:+:21663061-21663114	exon=> In CDS Exon 3 of transcript AGAP010043-PA;exon=> In CDS Exon 3 of transcript AGAP012628-PA
JHU_Ag_36617	TSSFTITSVIVGPGR	AGAP010044-PA	-	34	0.002613716	2	1521.833	3.93	Ovary	3R:-:48195706-48195662	exon=> In CDS Exon 2 of transcript AGAP010044-PA
JHU_Ag_43354	ILSPSAGAGGVVSNVSTTGGVSAHDTAGSVSIGTDSLK	AGAP010044-PA	-	123	4.26E-12	1	3456.748	0.78	Head	3R:-:48194299-48194186	exon=> In CDS Exon 3 of transcript AGAP010044-PA
JHU_Ag_69475	INQLEYENNILK	AGAP010044-PA	-	63	7.77E-06	2	1490.784	-0.42	Head	3R:-:48161333-48161298	exon=> In CDS Exon 7 of transcript AGAP010044-PA
JHU_Ag_2714	LPADNVFK	AGAP010048-PA	-	35	0.005339648	2	903.496	2.46	Malpighian tubule	3R:+:48263122-48263145	exon=> In CDS Exon 5 of transcript AGAP010048-PA
JHU_Ag_44430	ECPEEEEIDIVVDQCLDHCLLQEQNPK	AGAP010048-PA	C2(Carbamidomethyl),C15(Carbamidomethyl),C19(Carbamidomethyl)	66	1.65E-06	1	3339.487	1.76	Head	3R:+:48262079-48262159	exon=> In CDS Exon 4 of transcript AGAP010048-PA
JHU_Ag_65255	YNQIGSLTSLPR	AGAP010048-PA	-	77	2.77E-07	2	1348.725	1.89	Head	3R:+:48264063-48264098	exon=> In CDS Exon 8 of transcript AGAP010048-PA
JHU_Ag_72475	LPEAYVMR	AGAP010048-PA	-	54	5.44E-05	1	978.510	2.41	Malpighian tubule	3R:+:48261216-48261239	exon=> In CDS Exon 3 of transcript AGAP010048-PA
JHU_Ag_75877	FIHSIWLR	AGAP010048-PA	-	43	0.000577493	1	1071.610	0.3	Malpighian tubule	3R:+:48263820-48263843	exon=> In CDS Exon 7 of transcript AGAP010048-PA
JHU_Ag_77252	YDNPDADDEAVEK	AGAP010048-PA	-	50	3.08E-05	2	1480.609	0.89	Head	3R:+:48263847-48263858,48263940-48263966	exon=> In CDS Exon 7 and 8 of transcript AGAP010048-PA
JHU_Ag_85620	AAEENGTNAINTVVGPDDDPMRDPTR	AGAP010048-PA	N-Term(Acetyl),N5(Deamidated),M21(Oxidation)	32	0.005784189	3	2814.258	3.26	Head	3R:+:48237426-48237503	exon=> In CDS Exon 1 of transcript AGAP010048-PA
JHU_Ag_113291	YNQIGSLTSLPR	AGAP010048-PA	-	75	4.10E-07	1	1348.726	2.8	Malpighian tubule	3R:+:48264063-48264098	exon=> In CDS Exon 8 of transcript AGAP010048-PA
JHU_Ag_106501	RADSAPR	AGAP010048-PA,AGAP006022-PA	-	40	0.000570597	2	772.395	-13.77	Midgut	3R:+:48267522-48267542;2L:-:24934938-24934918	exon=> In CDS Exon 10 of transcript AGAP010048-PA;exon=> In CDS Exon 5 of transcript AGAP006022-PA

JHU_Ag_54585	DIITAK	AGAP010049-PA	-	43	0.000459485	1	660.394	1.29	Salivary gland	3R:-:48303271-48303254	exon=> In CDS Exon 1 of transcript AGAP010049-PA
JHU_Ag_52756	AALPSTTEEGDDDEGPTTTIIVDNLR	AGAP010050-PA	-	64	6.47E-06	2	2730.315	7.11	Head	3R:+:48341285-48341362	exon=> In CDS Exon 5 of transcript AGAP010050-PA
JHU_Ag_9197	AQPVAENVYQILVESEQGTLK	AGAP010051-PA	-	38	0.001187993	1	2316.222	5.97	Ovary	3R:-:48343344-48343282	exon=> In CDS Exon 2 of transcript AGAP010051-PA
JHU_Ag_30962	AALEHLR	AGAP010051-PA	-	67	1.07E-06	2	809.465	2.9	Malpighian tubule	3R:-:48343101-48343081	exon=> In CDS Exon 2 of transcript AGAP010051-PA
JHU_Ag_71040	AQPVAENVYQILVESEQGTLK	AGAP010051-PA	-	54	4.21E-05	1	2316.210	0.75	Salivary gland	3R:-:48343344-48343282	exon=> In CDS Exon 2 of transcript AGAP010051-PA
JHU_Ag_76912	SLALVEKLWQK	AGAP010051-PA	-	65	6.61E-07	1	1314.788	7.2	Malpighian tubule	3R:-:48343377-48343345	exon=> In CDS Exon 2 of transcript AGAP010051-PA
JHU_Ag_77498	VPVEVLEAIK	AGAP010051-PA	-	28	0.003427951	1	1096.672	9.57	Ovary	3R:-:48343407-48343378	exon=> In CDS Exon 2 of transcript AGAP010051-PA
JHU_Ag_85928	IASSLLVDPDKSVR	AGAP010051-PA	-	81	4.74E-08	1	1499.850	4.45	Malpighian tubule	3R:-:48344421-48344380	exon=> In CDS Exon 1 of transcript AGAP010051-PA
JHU_Ag_95101	SGTPVEAIVEQLESAVTEEK	AGAP010051-PA	-	124	4.64E-12	1	2116.071	2.67	Ovary	3R:-:48344562-48344503	exon=> In CDS Exon 1 of transcript AGAP010051-PA
JHU_Ag_7399	CYDAAEECPCDETLNK	AGAP010052-PA	C1(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	81	4.49E-09	2	1974.753	0.63	Head	3R:-:48348532-48348485	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_16158	EPIEVSHEQLELFR	AGAP010052-PA	-	125	3.87E-12	1	1725.881	-0.02	Midgut	3R:-:48348583-48348542	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_18321	VTLNKPLDPAR	AGAP010052-PA	-	51	2.47E-05	1	1223.710	-0.67	Midgut	3R:-:48348706-48348674	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_21254	VINNFRPPLELGNR	AGAP010052-PA	-	79	6.32E-08	1	1638.908	0.28	Male reproductive organs	3R:-:48348466-48348425	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_25662	LLPFITHKGDR	AGAP010052-PA	-	51	4.02E-05	1	1296.744	1.42	Malpighian tubule	3R:-:48350624-48350592	exon=> In CDS Exon 1 of transcript AGAP010052-PA
JHU_Ag_28471	VINNFRPPLELGNR	AGAP010052-PA	-	50	4.98E-05	1	1638.907	-0.31	Midgut	3R:-:48348466-48348425	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_38459	CYDAAEECPCDETLNK	AGAP010052-PA	C1(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	113	1.69E-12	1	1974.745	-3.26	Midgut	3R:-:48348532-48348485	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_38712	VINNFRPPLELGNR	AGAP010052-PA	-	74	2.08E-07	1	1638.909	1.18	Ovary	3R:-:48348466-48348425	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_44492	VTLNKPLDPAR	AGAP010052-PA	-	37	0.000748247	1	1223.708	-2.06	Salivary gland	3R:-:48348706-48348674	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_44714	VTLNKPLDPAR	AGAP010052-PA	-	43	0.000152181	1	1223.713	1.52	Malpighian tubule	3R:-:48348706-48348674	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_57710	EPIEVSHEQLELFR	AGAP010052-PA	-	79	1.62E-07	1	1725.884	1.75	Male reproductive organs	3R:-:48348583-48348542	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_63881	CYDAAEECPCDETLNK	AGAP010052-PA	C1(Carbamidomethyl), C8(Carbamidomethyl), C10(Carbamidomethyl)	99	6.49E-11	2	1974.752	0.01	Salivary gland	3R:-:48348532-48348485	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_68133	VINNFRPPLELGNR	AGAP010052-PA	-	62	3.09E-06	1	1638.911	1.85	Malpighian tubule	3R:-:48348466-48348425	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_71935	LLPFITHK	AGAP010052-PA	-	50	2.74E-05	1	968.590	-2.63	Midgut	3R:-:48350624-48350601	exon=> In CDS Exon 1 of transcript AGAP010052-PA
JHU_Ag_78403	EPIEVSHEQLELFR	AGAP010052-PA	-	125	3.79E-12	1	1725.887	3.73	Salivary gland	3R:-:48348583-48348542	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_91472	VINNFRPPLELGNR	AGAP010052-PA	-	55	1.50E-05	1	1638.910	1.71	Head	3R:-:48348466-48348425	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_91697	LLPFITHK	AGAP010052-PA	-	37	0.000381258	1	968.593	-0.17	Salivary gland	3R:-:48350624-48350601	exon=> In CDS Exon 1 of transcript AGAP010052-PA

JHU_Ag_92515	VINNFRPPLELGNRQLR	AGAP010052-PA	-	57	5.68E-06	1	2036.156	2.2	Malpighian tubule	3R:-:48348466-48348416	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_96996	EPIEVSHEQLELFR	AGAP010052-PA	-	71	9.43E-07	1	1725.887	3.44	Malpighian tubule	3R:-:48348583-48348542	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_97831	EPIEVSHEQLELFR	AGAP010052-PA	-	65	4.17E-06	1	1725.881	0.22	Ovary	3R:-:48348583-48348542	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_98372	VINNFRPPLELGNR	AGAP010052-PA	N3(Deamidated)	76	1.06E-07	1	1638.910	1.33	Salivary gland	3R:-:48348466-48348425	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_108346	LLPFITHKGDR	AGAP010052-PA	-	39	0.000490331	2	1296.742	-0.46	Salivary gland	3R:-:48350624-48350592	exon=> In CDS Exon 1 of transcript AGAP010052-PA
JHU_Ag_116706	EPIEVSHEQLELFR	AGAP010052-PA	-	74	5.00E-07	2	1725.884	1.96	Head	3R:-:48348583-48348542	exon=> In CDS Exon 2 of transcript AGAP010052-PA
JHU_Ag_60256	DGQLLYPNR	AGAP010054-PA	Q3(Deamidated), N8(Deamidated)	36	0.004722226	1	1077.531	9.03	Pupa	3R:+:48412761-48412787	exon=> In CDS Exon 6 of transcript AGAP010054-PA
JHU_Ag_70726	VAVVRTSGDIIVTER	AGAP010054-PA	-	27	0.009031457	1	1614.922	2.55	Head	3R:+:48412788-48412832	exon=> In CDS Exon 6 of transcript AGAP010054-PA
JHU_Ag_48067	NITLER	AGAP010055-PA,AGAP006823-PA	-	46	0.000687581	2	745.422	1.67	Malpighian tubule	3R:+:48466231-48466248;2L:+:38918284-38918301	exon=> In CDS Exon 9 of transcript AGAP010055-PA;exon=> In CDS Exon 2 of transcript AGAP006823-PA
JHU_Ag_261	LWSPASVNNADEAAR	AGAP010056-PA	-	66	4.04E-06	2	1600.772	0.33	Pupa	3R:+:48473771-48473815	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_1445	LYSFEMLEEK	AGAP010056-PA	M6(Oxidation)	38	0.002253736	2	1304.611	1.98	Pupa	3R:+:48473295-48473324	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_3032	SDTNWAGYLEQVQVDLK	AGAP010056-PA	-	83	8.07E-08	2	1965.959	1.64	Pupa	3R:+:48472306-48472323,48472393-48472425	exon=> In CDS Exon 3 and 4 of transcript AGAP010056-PA
JHU_Ag_5615	ESTYTFLSNLFR	AGAP010056-PA	-	35	0.005096056	2	1477.741	6.04	Head	3R:+:48473148-48473183	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_6273	GTVVHVWTGNRQDLLNK	AGAP010056-PA	-	92	4.48E-09	1	1937.038	1.67	Ovary	3R:+:48473418-48473468	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_7688	DIQMIIEEAR	AGAP010056-PA	M4(Oxidation)	48	0.000280822	1	1233.614	-0.01	Ovary	3R:+:48472983-48473012	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_9475	ESTYTFLSNLFR	AGAP010056-PA	-	80	1.70E-07	2	1477.741	5.79	Ovary	3R:+:48473148-48473183	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_16250	LGPMDPTR	AGAP010056-PA	-	36	0.001492181	2	886.445	0.35	Midgut	3R:+:48473124-48473147	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_24899	LWSPASVNNADEAAR	AGAP010056-PA	-	90	1.69E-08	1	1600.779	4.83	Larva	3R:+:48473771-48473815	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_26011	FYNCDPHDFIGTGQQK	AGAP010056-PA	C4(Carbamidomethyl)	82	6.47E-08	1	1926.849	2.44	Ovary	3R:+:48473621-48473668	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_26910	SWGVSHPELLTECQDQYR	AGAP010056-PA	C13(Carbamidomethyl)	90	1.12E-08	1	2205.003	0.09	Ovary	3R:+:48473064-48473117	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_29578	GLLVDTSR	AGAP010056-PA	-	45	0.000733558	2	860.484	0.05	Pupa	3R:+:48472785-48472808	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_30503	SLVLGGEACMWSEVVNGHNILPR	AGAP010056-PA	C9(Carbamidomethyl), M10(Oxidation)	50	0.000119171	1	2554.267	4.81	Ovary	3R:+:48473669-48473737	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_30540	DIQMIIEEAR	AGAP010056-PA	M4(Oxidation)	58	3.08E-05	2	1217.622	1.63	Pupa	3R:+:48472983-48473012	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_34586	VMSEFDTPGHTR	AGAP010056-PA	M2(Oxidation)	42	0.000561361	1	1392.623	1.2	Pupa	3R:+:48473028-48473063	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_34665	FYNCDPHDFIGTGQQK	AGAP010056-PA	C4(Carbamidomethyl)	70	9.89E-07	1	1926.845	0.35	Pupa	3R:+:48473621-48473668	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_36257	LWSPASVNNADEAAR	AGAP010056-PA	-	76	3.74E-07	2	1600.770	-0.66	Midgut	3R:+:48473771-48473815	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_37496	LYSFEMLEEK	AGAP010056-PA	M6(Oxidation)	46	0.000361177	2	1304.612	3.48	Larva	3R:+:48473295-48473324	exon=> In CDS Exon 6 of transcript AGAP010056-PA

JHU_Ag_38116	GTVVHVWTGNRQDLLNK	AGAP010056-PA	-	54	3.18E-05	1	1937.033	-1.17	Malpighian tubule	3R:+:48473418-48473468	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_38970	LGPMDPTR	AGAP010056-PA	M4(Oxidation)	38	0.001234022	2	902.440	0.03	Ovary	3R:+:48473124-48473147	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_51266	LWSPASVNNADEAAR	AGAP010056-PA	-	66	4.24E-06	1	1600.774	1.47	Malpighian tubule	3R:+:48473771-48473815	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_51804	VMSEFDTPGHTR	AGAP010056-PA	-	56	2.57E-05	1	1376.626	-0.36	Malpighian tubule	3R:+:48473028-48473063	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_52604	ALESFSQMVVLSDDGSMLR	AGAP010056-PA	M8(Oxidation), M17(Oxidation),M17(Oxidation)	102	9.14E-10	2	2100.994	-0.09	Midgut	3R:+:48472617-48472667,48472734-48472739	exon=> In CDS Exon 5 and 6 of transcript AGAP010056-PA
JHU_Ag_53387	LNVFHWHIVDDHSFPYESK	AGAP010056-PA	-	130	1.42E-12	1	2370.142	5.06	Ovary	3R:+:48472866-48472922	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_55290	LWSPASVNNADEAAR	AGAP010056-PA	-	74	6.71E-07	2	1600.774	1.78	Ovary	3R:+:48473771-48473815	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_62376	LYSFEMLEEK	AGAP010056-PA	-	72	7.79E-07	1	1288.613	0.05	Midgut	3R:+:48473295-48473324	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_63379	HFIDTCTLVK	AGAP010056-PA	C6(Carbamidomethyl)	51	0.000140217	2	1233.629	-0.58	Midgut	3R:+:48472809-48472838	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_64413	SSLVWQEVYVNGVR	AGAP010056-PA	N11(Deamidated)	103	8.62E-10	2	1636.836	1.67	Pupa	3R:+:48473367-48473408	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_70131	LSSFSIWGMLR	AGAP010056-PA	M9(Oxidation)	71	1.17E-06	2	1296.676	-0.69	Midgut	3R:+:48472584-48472616	exon=> In CDS Exon 5 of transcript AGAP010056-PA
JHU_Ag_73808	GLLVDTSR	AGAP010056-PA	-	38	0.003753484	1	860.483	-0.22	Midgut	3R:+:48472785-48472808	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_74172	ESTYTFLSNLFR	AGAP010056-PA	-	61	1.23E-05	2	1477.730	-1.48	Midgut	3R:+:48473148-48473183	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_76055	VMSEFDTPGHTR	AGAP010056-PA	M2(Oxidation)	62	4.91E-06	1	1392.619	-2.01	Ovary	3R:+:48473028-48473063	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_77742	LWSPASVNNADEAAR	AGAP010056-PA	-	50	0.000151188	2	1600.774	1.7	Salivary gland	3R:+:48473771-48473815	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_79690	SSLVWQEVYVNGVR	AGAP010056-PA	-	36	0.00391358	2	1635.849	-0.19	Visceras	3R:+:48473367-48473408	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_81282	SWGVSHPELLTECQDQYR	AGAP010056-PA	C13(Carbamidomethyl)	80	1.20E-07	1	2205.013	4.63	Midgut	3R:+:48473064-48473117	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_81817	ILDGMAYNK	AGAP010056-PA	M5(Oxidation)	52	8.29E-05	2	1024.513	-0.37	Midgut	3R:+:48472839-48472865	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_83022	HFIDTCTLVK	AGAP010056-PA	C6(Carbamidomethyl)	44	0.000667335	1	1233.632	1.6	Ovary	3R:+:48472809-48472838	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_84853	DGLPALLSSCWYLDHLSTGGDWRK	AGAP010056-PA	C10(Carbamidomethyl)	48	0.000232373	1	2747.332	2.72	Ovary	3R:+:48473549-48473620	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_88985	VSATAEKLWSPASVNNADEAAR	AGAP010056-PA	-	114	6.76E-11	1	2287.138	2.86	Malpighian tubule	3R:+:48473750-48473815	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_89638	LSSFSIWGMLR	AGAP010056-PA	-	76	2.80E-07	2	1296.682	3.54	Malpighian tubule	3R:+:48472584-48472616	exon=> In CDS Exon 5 of transcript AGAP010056-PA
JHU_Ag_90620	ESTYTFLSNLFR	AGAP010056-PA	-	72	1.02E-06	2	1477.735	1.74	Pupa	3R:+:48473148-48473183	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_92869	GTVVHVWTGNR	AGAP010056-PA	-	50	0.000103969	1	1225.643	-0.46	Pupa	3R:+:48473418-48473450	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_93460	SWGVSHPELLTECQDQYR	AGAP010056-PA	C13(Carbamidomethyl)	107	2.49E-10	1	2205.005	1.03	Pupa	3R:+:48473064-48473117	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_93977	APCEELPHLSMDEEYTINIDDFQAR	AGAP010056-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), M11(Oxidation)"	79	9.99E-08	1	3009.328	1.17	Midgut	3R:+:48472426-48472468,48472552-48472583	exon=> In CDS Exon 4 and 5 of transcript AGAP010056-PA
JHU_Ag_94822	DIQMIIEEAR	AGAP010056-PA	M4(Oxidation)	92	1.17E-08	2	1217.621	0.83	Midgut	3R:+:48472983-48473012	exon=> In CDS Exon 6 of transcript AGAP010056-PA

JHU_Ag_95683	VMSEFDTPGHTR	AGAP010056-PA	M2(Oxidation)	77	1.98E-07	1	1376.626	0	Midgut	3R:+:48473028-48473063	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_96155	FYNCDPHDFIGTGQQK	AGAP010056-PA	C4(Carbamidomethyl)	35	0.002704009	2	1926.846	0.98	Midgut	3R:+:48473621-48473668	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_97432	SSLVWQEVYVNGVR	AGAP010056-PA	-	83	7.15E-08	2	1635.850	0.33	Midgut	3R:+:48473367-48473408	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_98120	SDTNWAGYLEQVQVDLK	AGAP010056-PA	-	108	2.85E-10	1	1965.951	-2.09	Midgut	3R:+:48472306-48472323,48472393-48472425	exon=> In CDS Exon 3 and 4 of transcript AGAP010056-PA
JHU_Ag_98175	LYSFEMLEEK	AGAP010056-PA	M6(Oxidation)	41	0.000945914	2	1304.607	-0.83	Ovary	3R:+:48473295-48473324	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_101374	APCEELPHLSMDEEYTINIDDFQAR	AGAP010056-PA	C3(Carbamidomethyl), M11(Oxidation)	127	1.53E-12	1	3009.329	1.66	Ovary	3R:+:48472426-48472468,48472552-48472583	exon=> In CDS Exon 4 and 5 of transcript AGAP010056-PA
JHU_Ag_104175	SLVLGGEACMWSEVVNGHNILPR	AGAP010056-PA	C9(Carbamidomethyl), M10(Oxidation)	48	0.000190424	1	2554.249	-1.93	Midgut	3R:+:48473669-48473737	exon=> In CDS Exon 7 of transcript AGAP010056-PA
JHU_Ag_105494	GTVVHVWTGNR	AGAP010056-PA	-	51	9.62E-05	1	1225.644	0.53	Ovary	3R:+:48473418-48473450	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_106194	LNVFHWHIVDDHSFPYESK	AGAP010056-PA	-	106	3.26E-10	1	2370.132	0.65	Midgut	3R:+:48472866-48472922	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_107960	SDTNWAGYLEQVQVDLK	AGAP010056-PA	-	110	1.59E-10	1	1965.957	0.96	Ovary	3R:+:48472306-48472323,48472393-48472425	exon=> In CDS Exon 3 and 4 of transcript AGAP010056-PA
JHU_Ag_115205	SSLVWQEVYVNGVR	AGAP010056-PA	N11(Deamidated)	89	1.68E-08	2	1635.856	4.06	Ovary	3R:+:48473367-48473408	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_116894	GAYHPSMVYTQR	AGAP010056-PA	M7(Oxidation)	43	0.000632281	2	1425.656	-1.11	Midgut	3R:+:48472947-48472982	exon=> In CDS Exon 6 of transcript AGAP010056-PA
JHU_Ag_103760	DGAVALETVDDLLSVRPTSSSEK	AGAP010060-PA	-	41	0.001109868	1	2389.221	4.82	Head	3R:+:48502345-48502413	exon=> In CDS Exon 4 of transcript AGAP010060-PA
JHU_Ag_13297	AIVVVQAGMTPSAK	AGAP010064-PA	M9(Oxidation)	70	1.28E-06	2	1387.762	0.14	Midgut	3R:+:48534351-48534392	exon=> In CDS Exon 2 of transcript AGAP010064-PA
JHU_Ag_50595	GYLVTQDELDQTLEQFKEQFGDKPSEK	AGAP010064-PA	-	46	0.000368241	1	3172.531	-0.47	Midgut	3R:+:48534050-48534123,48534194-48534200	exon=> In CDS Exon 1 and 2 of transcript AGAP010064-PA
JHU_Ag_52624	GYLVTQDELDQTLEQFKEQFGDKPSEK	AGAP010064-PA	-	74	5.84E-07	1	3172.533	0.13	Ovary	3R:+:48534050-48534123,48534194-48534200	exon=> In CDS Exon 1 and 2 of transcript AGAP010064-PA
JHU_Ag_70461	AIVVVQAGMTPSAK	AGAP010064-PA	M9(Oxidation)	77	2.02E-07	2	1387.764	1.64	Male reproductive organs	3R:+:48534351-48534392	exon=> In CDS Exon 2 of transcript AGAP010064-PA
JHU_Ag_92088	AIVVVQAGMTPSAK	AGAP010064-PA	M9(Oxidation)	82	6.88E-08	2	1387.765	2.25	Ovary	3R:+:48534351-48534392	exon=> In CDS Exon 2 of transcript AGAP010064-PA
JHU_Ag_92977	YILEQFLESELLINITEHELVPEHVVMTPEEK	AGAP010064-PA	M27(Oxidation)	112	3.40E-11	1	3837.973	5.72	Ovary	3R:+:48534420-48534515	exon=> In CDS Exon 2 of transcript AGAP010064-PA
JHU_Ag_1298	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl),"Q7(Deamidated), C11(Carbamidomethyl)"	110	1.79E-10	1	1662.812	0.03	Ovary	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_6031	IGDDIAK	AGAP010065-PA	-	55	0.000103644	2	731.395	2.06	Ovary	3R:-:48535389-48535369	exon=> In CDS Exon 3 of transcript AGAP010065-PA
JHU_Ag_8888	HNGNITFDEVINIAR	AGAP010065-PA	N4(Deamidated),N2(Deamidated)	56	3.88E-05	1	1712.873	0.9	Salivary gland	3R:-:48535075-48535031	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_12129	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl)	105	5.44E-10	1	1662.811	-0.19	Salivary gland	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_12507	ELAGTCK	AGAP010065-PA	C6(Carbamidomethyl)	55	5.28E-05	1	778.378	1.49	Ovary	3R:-:48535003-48534983	exon=> In CDS Exon 4 of transcript AGAP010065-PA

JHU_Ag_14348	IGPLGLSPKK	AGAP010065-PA	-	66	1.94E-07	1	1009.643	2.23	Malpighian tubule	3R:-:48535502-48535558,485352 21-48535390	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_15380	CVGGEVGATSSLAPK	AGAP010065-PA	C1(Carbamidomethyl)	95	5.06E-09	2	1432.709	-0.77	Midgut	3R:-:48535547-48535503	exon=> In CDS Exon 2 of transcript AGAP010065-PA
JHU_Ag_15943	CVGGEVGATSSLAPK	AGAP010065-PA	C1(Carbamidomethyl)	100	1.76E-09	1	1432.712	1.62	Malpighian tubule	3R:-:48535547-48535503	exon=> In CDS Exon 2 of transcript AGAP010065-PA
JHU_Ag_20684	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	92	1.09E-08	1	1980.945	2.71	Malpighian tubule	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_21204	IGPLGLSPK	AGAP010065-PA	-	63	6.23E-07	2	881.547	1.65	Malpighian tubule	3R:-:48535502-48535558,485352 21-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_22094	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl)	109	2.40E-10	1	1662.815	2.16	Malpighian tubule	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_23430	ATGDWKGLK	AGAP010065-PA	-	37	0.003227404	1	975.528	2.57	Malpighian tubule	3R:-:48535368-48535342	exon=> In CDS Exon 3 of transcript AGAP010065-PA
JHU_Ag_24237	KIGDDIAK	AGAP010065-PA	-	47	0.000399052	2	859.488	-0.74	Ovary	3R:-:48535392-48535369	exon=> In CDS Exon 3 of transcript AGAP010065-PA
JHU_Ag_30923	IGPLGLSPK	AGAP010065-PA	-	48	1.92E-05	2	881.546	0.06	Pupa	3R:-:48535502-48535558,485352 21-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_32182	KIGDDIAK	AGAP010065-PA	-	52	0.000135528	1	859.489	0.47	Malpighian tubule	3R:-:48535392-48535369	exon=> In CDS Exon 3 of transcript AGAP010065-PA
JHU_Ag_32705	IGPLGLSPK	AGAP010065-PA	-	51	1.05E-05	2	881.547	1.37	Ovary	3R:-:48535502-48535558,485352 21-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_35462	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl)	59	2.15E-05	2	1662.818	3.77	Larva	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_37361	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	100	1.44E-09	1	1980.934	-3.08	Midgut	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_38763	KIGDDIAK	AGAP010065-PA	-	49	0.000242701	2	859.483	-6.2	Head	3R:-:48535392-48535369	exon=> In CDS Exon 3 of transcript AGAP010065-PA
JHU_Ag_39026	IGPLGLSPK	AGAP010065-PA	-	25	0.003919054	2	881.547	1.99	Visceras	3R:-:48535502-48535558,485352 21-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_41244	ELAGTCKEVLGTAQSVGCTIDGR	AGAP010065-PA	C6(Carbamidomethyl), C18(Carbamidomethyl)	116	4.05E-11	1	2422.178	3.4	Malpighian tubule	3R:-:48535003-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_44062	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl)	104	6.57E-10	1	1662.808	-2.17	Midgut	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_47455	HNGNITFDEVINIAR	AGAP010065-PA	-	122	8.04E-12	1	1712.880	4.69	Malpighian tubule	3R:-:48535075-48535031	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_48351	HNGNITFDEVINIAR	AGAP010065-PA	-	81	1.17E-07	2	1712.879	4.33	Visceras	3R:-:48535075-48535031	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_54888	HNGNITFDEVINIAR	AGAP010065-PA	N4(Deamidated),N2(Deamidated)	137	3.29E-13	1	1712.872	0.13	Ovary	3R:-:48535075-48535031	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_58132	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	51	0.000122823	2	1980.943	1.78	Visceras	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_59299	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	103	8.06E-10	1	1980.942	1.17	Ovary	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_62539	NIKHNGNITFDEVINIAR	AGAP010065-PA	N5(Deamidated),N7(Deamidated),N1(Deamidated)	87	1.83E-08	1	2068.103	4.79	Malpighian tubule	3R:-:48535224-48535401,485348 75-48535031	exon=> In CDS Exon 4 and 3 of transcript AGAP010065-PA
JHU_Ag_65222	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	69	1.88E-06	1	1980.942	1.17	Pupa	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_66709	HNGNITFDEVINIAR	AGAP010065-PA	N4(Deamidated),N2(Deamidated)	94	5.11E-09	2	1712.881	5.4	Midgut	3R:-:48535075-48535031	exon=> In CDS Exon 4 of transcript AGAP010065-PA

JHU_Ag_68671	HNGNITFDEVINIAR	AGAP010065-PA	N4(Deamidated),N2(Deamidated)	86	3.44E-08	1	1712.873	0.63	Pupa	3R:-:48535075-48535031	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_70553	IGPLGLSPK	AGAP010065-PA	-	33	0.000534193	1	881.550	5.47	Head	3R:-:48535502-48535558,48535221-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_78560	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	63	9.17E-06	1	1980.948	4.37	Larva	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_79829	CVGGEVGATSSLAPK	AGAP010065-PA	C1(Carbamidomethyl)	86	4.30E-08	1	1432.710	0	Salivary gland	3R:-:48535547-48535503	exon=> In CDS Exon 2 of transcript AGAP010065-PA
JHU_Ag_80261	CVGGEVGATSSLAPK	AGAP010065-PA	C1(Carbamidomethyl)	90	1.63E-08	1	1432.710	0.08	Head	3R:-:48535547-48535503	exon=> In CDS Exon 2 of transcript AGAP010065-PA
JHU_Ag_81215	CVGGEVGATSSLAPK	AGAP010065-PA	C1(Carbamidomethyl)	105	5.65E-10	1	1432.710	0	Ovary	3R:-:48535547-48535503	exon=> In CDS Exon 2 of transcript AGAP010065-PA
JHU_Ag_82111	CVGGEVGATSSLAPK	AGAP010065-PA	C1(Carbamidomethyl)	101	1.43E-09	2	1432.711	0.85	Visceras	3R:-:48535547-48535503	exon=> In CDS Exon 2 of transcript AGAP010065-PA
JHU_Ag_83002	IGPLGLSPK	AGAP010065-PA	-	45	4.21E-05	2	881.548	3.1	Larva	3R:-:48535502-48535558,48535221-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_88615	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl)	68	2.59E-06	2	1662.812	0.18	Pupa	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_92417	EVLGTAQSVGCTIDGRSPHDVIDDISSGAIEIPSE	AGAP010065-PA	C11(Carbamidomethyl)	45	0.000408355	1	3624.754	5.54	Malpighian tubule	3R:-:48534982-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_93417	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	75	5.47E-07	1	1980.944	2.03	Head	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_99820	ELAGTCK	AGAP010065-PA	C6(Carbamidomethyl)	42	0.001063626	1	778.380	4.7	Malpighian tubule	3R:-:48535003-48534983	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_103001	SPHDVIDDISSGAIEIPSE	AGAP010065-PA	-	93	7.32E-09	1	1980.939	-0.19	Salivary gland	3R:-:48534934-48534878	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_105301	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl)	94	7.44E-09	2	1662.814	1.2	Visceras	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_107041	IGDDIAK	AGAP010065-PA	-	38	0.00547702	1	731.395	1.64	Malpighian tubule	3R:-:48535389-48535369	exon=> In CDS Exon 3 of transcript AGAP010065-PA
JHU_Ag_109815	IGPLGLSPK	AGAP010065-PA	-	48	3.15E-05	2	881.544	-1.95	Salivary gland	3R:-:48535502-48535558,48535221-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_110952	IGPLGLSPK	AGAP010065-PA	-	67	2.35E-07	2	881.545	-0.29	Midgut	3R:-:48535502-48535558,48535221-48535393	exon=> In CDS Exon 3 and 2 of transcript AGAP010065-PA
JHU_Ag_111525	HNGNITFDEVINIAR	AGAP010065-PA	-	122	9.64E-12	1	1712.875	2.27	Head	3R:-:48535075-48535031	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_114306	EVLGTAQSVGCTIDGR	AGAP010065-PA	C11(Carbamidomethyl)	94	7.39E-09	1	1662.810	-1	Head	3R:-:48534982-48534935	exon=> In CDS Exon 4 of transcript AGAP010065-PA
JHU_Ag_42420	ILENKPVRPPPISTLALR	AGAP010067-PA	-	78	5.76E-09	1	2014.221	1.91	Head	3R:-:48569336-48569283	exon=> In CDS Exon 8 of transcript AGAP010067-PA
JHU_Ag_116797	HIIESVQASLQR	AGAP010067-PA	-	86	2.43E-08	2	1380.759	-0.61	Head	3R:-:48570534-48570499	exon=> In CDS Exon 4 of transcript AGAP010067-PA
JHU_Ag_92876	AAADVEYPAYGVTGPNR	AGAP010070-PA	-	69	2.01E-06	2	1750.841	0.96	Head	3R:+:48596883-48596933	exon=> In CDS Exon 2 of transcript AGAP010070-PA
JHU_Ag_74612	QLGEDDIIVSR	AGAP010072-PA	-	36	0.004061547	2	1244.647	-1.22	Head	3R:+:48618105-48618137	exon=> In CDS Exon 2 of transcript AGAP010072-PA
JHU_Ag_11872	NLLEVIESALRK	AGAP010073-PA	N1(Deamidated)	39	0.001450195	1	1385.782	-12.65	Salivary gland	3R:-:48619501-48619466	exon=> In CDS Exon 2 of transcript AGAP010073-PA
JHU_Ag_19919	FSHCTLLANVDAYNPDTLDLYQDPEANR	AGAP010073-PA	C4(Carbamidomethyl)	81	7.89E-08	1	3252.491	0.22	Malpighian tubule	3R:-:48619837-48619754	exon=> In CDS Exon 1 of transcript AGAP010073-PA
JHU_Ag_36742	NLLEVIESALR	AGAP010073-PA	-	92	4.58E-09	1	1256.723	1.79	Ovary	3R:-:48619501-48619469	exon=> In CDS Exon 2 of transcript AGAP010073-PA

JHU_Ag_114938	AIADCCEECDILR	AGAP010073-PA	C5(Carbamidomethyl), C6(Carbamidomethyl), C9(Carbamidomethyl)	74	1.43E-07	1	1624.676	-0.1	Malpighian tubule	3R:-:48618860-48618822	exon=> In CDS Exon 4 of transcript AGAP010073-PA
JHU_Ag_27180	ASANGNSAAASANASPITAR	AGAP010076-PA	N4(Deamidated),N6(Deamidated)	124	5.60E-12	1	1802.870	3.79	Male reproductive organs	3R:-:48630795-48630736	exon=> In CDS Exon 4 of transcript AGAP010076-PA
JHU_Ag_32297	QLSINNTVSSDGTVPSTTEQQLK	AGAP010076-PA	-	93	8.19E-09	2	2447.230	1.51	Head	3R:-:48630485-48630417	exon=> In CDS Exon 5 of transcript AGAP010076-PA
JHU_Ag_53270	GGAVPLAGGGNVAGVASTELTEELRR	AGAP010076-PA	-	54	2.87E-05	1	2481.312	2.52	Head	3R:-:48630018-48629941	exon=> In CDS Exon 7 of transcript AGAP010076-PA
JHU_Ag_54971	KWEIELATLK	AGAP010076-PA	-	47	0.000119273	2	1230.707	-1.81	Head	3R:-:48630278-48630249	exon=> In CDS Exon 6 of transcript AGAP010076-PA
JHU_Ag_29450	LILTIK	AGAP010080-PA,AGAP009990-PA	-	20	0.001088 93	1	700.496	-0.64	Male reproductive organs	3R:+:48670813-48670830;3R:+:47321674-47321691	exon=> In CDS Exon 2 of transcript AGAP010080-PA;exon=> In CDS Exon 13 of transcript AGAP009990-PA
JHU_Ag_1541	DDEHLATVTTEER	AGAP010086-PA	-	70	9.33E-07	1	1515.701	6.02	Malpighian tubule	3R:-:48687301-48687263	exon=> In CDS Exon 1 of transcript AGAP010086-PA
JHU_Ag_36	APSSLLDALEQHLLALEGK	AGAP010087-PA	-	63	2.80E-06	1	2005.100	1.77	Malpighian tubule	3R:+:48692317-48692373	exon=> In CDS Exon 7 of transcript AGAP010087-PA
JHU_Ag_5624	LFACYNDGIINLLEK	AGAP010087-PA	C4(Carbamidomethyl)	68	1.81E-06	2	1782.919	5.09	Salivary gland	3R:+:48692058-48692102	exon=> In CDS Exon 6 of transcript AGAP010087-PA
JHU_Ag_8048	ATTEEMIGPK	AGAP010087-PA	M6(Oxidation)	41	0.001342908	2	1092.527	2.46	Malpighian tubule	3R:+:48689132-48689161	exon=> In CDS Exon 1 of transcript AGAP010087-PA
JHU_Ag_9074	APSSLLDALEQHLLALEGK	AGAP010087-PA	-	93	2.96E-09	1	2005.099	1.31	Salivary gland	3R:+:48692317-48692373	exon=> In CDS Exon 7 of transcript AGAP010087-PA
JHU_Ag_15766	AGQTINDR	AGAP010087-PA	N-Term(Acetyl)	43	0.000421968	2	916.452	3.56	Malpighian tubule	3R:+:48689051-48689074	exon=> In CDS Exon 1 of transcript AGAP010087-PA
JHU_Ag_26094	APSSLLDALEQHLLALEGK	AGAP010087-PA	-	108	1.04E-10	1	2005.095	-0.52	Ovary	3R:+:48692317-48692373	exon=> In CDS Exon 7 of transcript AGAP010087-PA
JHU_Ag_30023	VLTGDLDSSLASLAESLTINK	AGAP010087-PA	-	48	0.000113585	1	2147.159	6.93	Head	3R:+:48693361-48693423	exon=> In CDS Exon 11 of transcript AGAP010087-PA
JHU_Ag_30544	HSLAGQGLAK	AGAP010087-PA	Q6(Deamidated)	61	6.46E-06	2	982.526	-5.84	Head	3R:+:48689090-48689119	exon=> In CDS Exon 1 of transcript AGAP010087-PA
JHU_Ag_37158	VAENVGIDKGDLPDLTK	AGAP010087-PA	-	36	0.002883248	1	1783.945	0.57	Salivary gland	3R:+:48692196-48692204,48692275-48692316	exon=> In CDS Exon 6 and 7 of transcript AGAP010087-PA
JHU_Ag_37426	APSSLLDALEQHLLALEGK	AGAP010087-PA	-	105	1.77E-10	1	2005.108	5.51	Head	3R:+:48692317-48692373	exon=> In CDS Exon 7 of transcript AGAP010087-PA
JHU_Ag_53601	VAENVGIDKGDLPDLTK	AGAP010087-PA	-	66	2.85E-06	2	1783.941	-1.34	Midgut	3R:+:48692196-48692204,48692275-48692316	exon=> In CDS Exon 6 and 7 of transcript AGAP010087-PA
JHU_Ag_58008	AQVLAEEEAAMNQYK	AGAP010087-PA	M11(Oxidation)	139	1.95E-13	2	1694.807	0.99	Head	3R:+:48692635-48692679	exon=> In CDS Exon 8 of transcript AGAP010087-PA
JHU_Ag_58572	SGVSALTSTSSSFGIVAESTK	AGAP010087-PA	-	100	1.70E-09	2	2016.006	-3.82	Head	3R:+:48692530-48692592	exon=> In CDS Exon 8 of transcript AGAP010087-PA
JHU_Ag_60022	HLDYLVHCTNEPNVSIPHLATLLIER	AGAP010087-PA	C8(Carbamidomethyl)	49	9.48E-05	1	3054.587	1.41	Malpighian tubule	3R:+:48689168-48689177,48690120-48690187	exon=> In CDS Exon 1 and 2 of transcript AGAP010087-PA
JHU_Ag_61245	GSAANTPTQTASNQK	AGAP010087-PA	-	92	8.45E-09	1	1475.711	1.58	Head	3R:+:48692377-48692411,48692511-48692520	exon=> In CDS Exon 7 and 8 of transcript AGAP010087-PA
JHU_Ag_73257	APSSLLDALEQHLLALEGK	AGAP010087-PA	-	99	6.85E-10	1	2005.096	-0.15	Midgut	3R:+:48692317-48692373	exon=> In CDS Exon 7 of transcript AGAP010087-PA
JHU_Ag_78045	GSAANTPTQTASNQK	AGAP010087-PA	-	41	0.001133108	2	1475.710	0.67	Malpighian tubule	3R:+:48692377-48692411,48692511-48692520	exon=> In CDS Exon 7 and 8 of transcript AGAP010087-PA

JHU_Ag_81306	VAENVGIDKGDLPDLTK	AGAP010087-PA	-	112	7.75E-11	1	1783.942	-0.72	Head	3R:+:48692196-48692204,48692275-48692316	exon=> In CDS Exon 6 and 7 of transcript AGAP010087-PA
JHU_Ag_87099	AGQTINDRLLAAR	AGAP010087-PA	N-Term(Acetyl)	62	4.04E-06	1	1440.795	2.18	Malpighian tubule	3R:+:48689051-48689089	exon=> In CDS Exon 1 of transcript AGAP010087-PA
JHU_Ag_89022	HLDYLVHCTNEPNVSIPHLATLLIER	AGAP010087-PA	C8(Carbamidomethyl)	123	3.89E-12	1	3054.607	7.86	Ovary	3R:+:48689168-48689177,48690120-48690187	exon=> In CDS Exon 1 and 2 of transcript AGAP010087-PA
JHU_Ag_91200	GSAANTPTQTASNQKNVK	AGAP010087-PA	-	40	0.001405973	1	1816.925	5.36	Malpighian tubule	3R:+:48692377-48692411,48692511-48692529	exon=> In CDS Exon 7 and 8 of transcript AGAP010087-PA
JHU_Ag_92382	LFACYNDGIINLLEK	AGAP010087-PA	C4(Carbamidomethyl)	75	3.92E-07	2	1782.917	4.4	Head	3R:+:48692058-48692102	exon=> In CDS Exon 6 of transcript AGAP010087-PA
JHU_Ag_97081	APSSLLDALEQHLLALEGKK	AGAP010087-PA	-	159	3.00E-16	1	2133.207	7.04	Ovary	3R:+:48692317-48692376	exon=> In CDS Exon 7 of transcript AGAP010087-PA
JHU_Ag_103353	SQNANWVVVYK	AGAP010087-PA	-	73	7.71E-07	1	1307.678	2.85	Head	3R:+:48690188-48690220	exon=> In CDS Exon 2 of transcript AGAP010087-PA
JHU_Ag_104650	ALITTHHMLAYGNER	AGAP010087-PA	M8(Oxidation)	105	5.48E-10	1	1742.868	2.09	Head	3R:+:48690221-48690262,48690349-48690351	exon=> In CDS Exon 2 and 3 of transcript AGAP010087-PA
JHU_Ag_104892	APSSLLDALEQHLLALEGKK	AGAP010087-PA	-	41	0.000185342	3	2133.200	3.86	Head	3R:+:48692317-48692376	exon=> In CDS Exon 7 of transcript AGAP010087-PA
JHU_Ag_106534	VAENVGIDKGDLPDLTK	AGAP010087-PA	-	39	0.001270098	2	1783.952	4.48	Ovary	3R:+:48692196-48692204,48692275-48692316	exon=> In CDS Exon 6 and 7 of transcript AGAP010087-PA
JHU_Ag_115455	HSLAGQGLAK	AGAP010087-PA	-	47	0.000211481	2	981.550	2.55	Malpighian tubule	3R:+:48689090-48689119	exon=> In CDS Exon 1 of transcript AGAP010087-PA
JHU_Ag_116086	SQNANWVVVYK	AGAP010087-PA	-	54	6.38E-05	2	1307.676	1.07	Ovary	3R:+:48690188-48690220	exon=> In CDS Exon 2 of transcript AGAP010087-PA
JHU_Ag_37610	YNDYFEFPR	AGAP010088-PA	-	61	4.67E-06	2	1250.547	-0.42	Male reproductive organs	3R:+:48713300-48713326	exon=> In CDS Exon 12 of transcript AGAP010088-PA
JHU_Ag_43322	VLSYVSIYPNR	AGAP010088-PA	-	48	0.000123699	2	1310.709	-1.28	Male reproductive organs	3R:+:48707492-48707524	exon=> In CDS Exon 3 of transcript AGAP010088-PA
JHU_Ag_44273	ETDATGTSGAALEK	AGAP010088-PA	-	71	1.35E-06	2	1350.639	0.78	Male reproductive organs	3R:+:48709982-48710023	exon=> In CDS Exon 5 of transcript AGAP010088-PA
JHU_Ag_45628	LPPVLAIQLK	AGAP010088-PA	-	19	0.001367729	1	1091.718	-0.96	Male reproductive organs	3R:+:48713231-48713260	exon=> In CDS Exon 12 of transcript AGAP010088-PA
JHU_Ag_69387	ALVAADPSLKPAK	AGAP010088-PA	-	45	6.21E-05	1	1280.755	-2.07	Male reproductive organs	3R:+:48708293-48708331	exon=> In CDS Exon 3 of transcript AGAP010088-PA
JHU_Ag_84647	RFEYDYER	AGAP010088-PA	-	36	0.001829389	1	1177.522	-4.79	Head	3R:+:48713261-48713284	exon=> In CDS Exon 12 of transcript AGAP010088-PA
JHU_Ag_16068	IVSCLDPWVYAISHPK	AGAP010089-PA	C4(Carbamidomethyl)	101	1.25E-09	2	1884.971	1.99	Head	3R:-:48805950-48805903	exon=> In CDS Exon 3 of transcript AGAP010089-PA
JHU_Ag_31186	YRQELER	AGAP010089-PA	-	33	0.00773271	1	993.506	-5.69	Head	3R:-:48805902-48805882	exon=> In CDS Exon 3 of transcript AGAP010089-PA
JHU_Ag_36308	LLGWNLPPEEQYLVHDHWK	AGAP010089-PA	-	37	0.002815019	1	2374.200	0.8	Head	3R:-:48807000-48806944	exon=> In CDS Exon 1 of transcript AGAP010089-PA
JHU_Ag_69686	MNVESLTANR	AGAP010089-PA	-	52	9.68E-05	2	1134.557	-0.49	Head	3R:-:48806232-48806203	exon=> In CDS Exon 2 of transcript AGAP010089-PA
JHU_Ag_78411	YIPEGYLTTCSFDYLTDDPDTR	AGAP010089-PA	C10(Carbamidomethyl)	37	0.0020703	2	2642.166	2.25	Head	3R:-:48806424-48806359	exon=> In CDS Exon 2 of transcript AGAP010089-PA
JHU_Ag_106459	VKPEDVPLNLR	AGAP010090-PA	-	42	0.000300185	1	1279.733	-2.82	Head	3R:-:48821041-48821009	exon=> In CDS Exon 1 of transcript AGAP010090-PA
JHU_Ag_93390	EIILK	AGAP010090-PA,AGAP011437-PA	-	34	0.001493801	1	615.407	-0.64	Midgut	3R:-:48820861-48820847;3L:+:24711637-24711651	exon=> In CDS Exon 1 of transcript AGAP010090-PA;exon=> In CDS Exon 10 of transcript AGAP011437-PA

JHU_Ag_2693	YECVAENSIGTEHTKPTPLYVK	AGAP010093-PA	C3(Carbamidomethyl)	71	1.20E-06	1	2536.236	-1.09	Head	3R:-:48864647-48864582	exon=> In CDS Exon 3 of transcript AGAP010093-PA
JHU_Ag_14223	VFAPQPVHYQHQPVQQYYQAPAPAK	AGAP010095-PA	-	44	0.000475534	1	2892.458	0.11	Head	3R:+:49072706-49072780	exon=> In CDS Exon 2 of transcript AGAP010095-PA
JHU_Ag_102521	GQYTLIDADGHRR	AGAP010097-PA,AGAP010098-PA	-	43	0.000799312	3	1501.755	2.6	Visceras	3R:-:49126911-49126873;3R:-:49132192-49132154	exon=> In CDS Exon 2 of transcript AGAP010097-PA;exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_13050	VEVEAPAEYQFSYSVHDDHTGDIK	AGAP010098-PA	-	119	1.44E-11	1	2736.245	0.84	Head	3R:-:49132300-49132229	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_38639	VLAPAHVATVSFSAPSLTYHY	AGAP010098-PA	-	145	3.99E-14	1	2231.151	0.71	Head	3R:-:49131964-49131902	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_47272	VAVPVAHYVAPALK	AGAP010098-PA	-	36	0.000475827	1	1434.850	2.41	Visceras	3R:-:49132048-49132007	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_50111	TVVPVHK	AGAP010098-PA	-	26	0.004345483	1	779.478	1.22	Head	3R:-:49132069-49132049	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_63748	KVEVEAPAEYQFSYSVHDDHTGDIK	AGAP010098-PA	-	138	2.33E-13	1	2864.339	0.4	Head	3R:-:49132303-49132229	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_78116	VAVPVAHYVAPALK	AGAP010098-PA	-	112	1.13E-11	1	1434.849	1.22	Head	3R:-:49132048-49132007	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_81391	YAVPVAK	AGAP010098-PA	-	39	0.000700473	2	747.439	-0.89	Head	3R:-:49131985-49131965	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_88789	KVEVEAPAEYQFSYSVHDDHTGDIK	AGAP010098-PA	-	53	6.09E-05	1	2864.342	1.74	Pupa	3R:-:49132303-49132229	exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_6100	HGDDVKGQYTLIDADGHR	AGAP010098-PA,AGAP010097-PA	-	87	2.58E-08	1	1996.947	-0.33	Head	3R:-:49132210-49132157;3R:-:49126929-49126876	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA
JHU_Ag_12003	HGDDVK	AGAP010098-PA,AGAP010097-PA	-	36	0.000828378	1	670.315	-0.39	Head	3R:-:49132210-49132193;3R:-:49126929-49126912	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA
JHU_Ag_40477	GQYTLIDADGHR	AGAP010098-PA,AGAP010097-PA	Q2(Deamidated)	81	1.11E-07	1	1345.651	0.75	Head	3R:-:49132192-49132157;3R:-:49126911-49126876	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA
JHU_Ag_72321	REPLEGHK	AGAP010098-PA,AGAP010097-PA	-	31	0.009496727	1	965.511	-5.51	Head	3R:-:49132102-49132079;3R:-:49126821-49126798	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA
JHU_Ag_74292	VVDYTADEHNGFNAVVR	AGAP010098-PA,AGAP010097-PA	N13(Deamidated),N10(Deamidated)	149	1.98E-14	1	1905.909	0.16	Head	3R:-:49132153-49132103;3R:-:49126872-49126822	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA
JHU_Ag_93373	EPLEGHK	AGAP010098-PA,AGAP010097-PA	-	42	0.000955982	1	809.415	0.06	Head	3R:-:49132099-49132079;3R:-:49126818-49126798	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA
JHU_Ag_108170	RVVDYTADEHNGFNAVVR	AGAP010098-PA,AGAP010097-PA	-	66	4.14E-06	1	2062.011	0.45	Head	3R:-:49132156-49132103;3R:-:49126875-49126822	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA
JHU_Ag_109901	GQYTLIDADGHRR	AGAP010098-PA,AGAP010097-PA	Q2(Deamidated)	61	1.38E-05	1	1501.753	1.32	Head	3R:-:49132192-49132154;3R:-:49126911-49126873	exon=> In CDS Exon 2 of transcript AGAP010098-PA;exon=> In CDS Exon 2 of transcript AGAP010097-PA

JHU_Ag_32716	VYAAPIAK	AGAP010099-PA	-	35	0.002496246	1	832.493	-0.18	Head	3R:-:49136292-49136269	exon=> In CDS Exon 2 of transcript AGAP010099-PA
JHU_Ag_53847	VVEYTADEHNGFNAVVR	AGAP010099-PA	-	45	0.000498282	1	1919.929	2.4	Head	3R:-:49136400-49136350	exon=> In CDS Exon 2 of transcript AGAP010099-PA
JHU_Ag_68699	HGDNVVGQYTLIDADGYR	AGAP010099-PA	-	143	7.36E-14	1	1992.946	2.59	Head	3R:-:49136457-49136404	exon=> In CDS Exon 2 of transcript AGAP010099-PA
JHU_Ag_38702	VAVPVAK	AGAP010099-PA,AGAP010098-PA	-	33	0.000596162	1	683.446	0.96	Head	3R:-:49136268-49136248;3R:-:49132006-49131986	exon=> In CDS Exon 2 of transcript AGAP010099-PA;exon=> In CDS Exon 2 of transcript AGAP010098-PA
JHU_Ag_59500	KDDSTQGEYYLIDADGHK	AGAP010103-PA,AGAP010104-PA,AGAP010105-PA,AGAP010106-PA,AGAP010107-PA,AGAP010108-PA,AGAP010121-PA,AGAP010102-PA	-	74	5.41E-07	1	2054.937	3.47	Larva	3R:+:49150387-49150440;3R:+:49155542-49155595;3R:+:49158153-49158206;3R:+:49160831-49160884;3R:+:49164777-49164830;3R:+:49169798-49169851;3R:+:49230321-49230374;3R:+:49147223-49147276	exon=> In CDS Exon 2 of transcript AGAP010103-PA;exon=> In CDS Exon 2 of transcript AGAP010104-PA;exon=> In CDS Exon 2 of transcript AGAP010105-PA;exon=> In CDS Exon 2 of transcript AGAP010106-PA;exon=> In CDS Exon 2 of transcript AGAP010107-PA;exon=> In CDS Exon 2 of transcript AGAP010108-PA;exon=> In CDS Exon 2 of transcript AGAP010121-PA;exon=> In CDS Exon 2 of transcript AGAP010102-PA
JHU_Ag_85938	TVTYHVEGK	AGAP010103-PA,AGAP010104-PA,AGAP010105-PA,AGAP010106-PA,AGAP010107-PA,AGAP010108-PA,AGAP010121-PA,AGAP010102-PA	-	45	0.000635498	2	1033.535	3.18	Larva	3R:+:49150444-49150470;3R:+:49155599-49155625;3R:+:49158210-49158236;3R:+:49160888-49160914;3R:+:49164834-49164860;3R:+:49169855-49169881;3R:+:49230378-49230404;3R:+:49147280-49147306	exon=> In CDS Exon 2 of transcript AGAP010103-PA;exon=> In CDS Exon 2 of transcript AGAP010104-PA;exon=> In CDS Exon 2 of transcript AGAP010105-PA;exon=> In CDS Exon 2 of transcript AGAP010106-PA;exon=> In CDS Exon 2 of transcript AGAP010107-PA;exon=> In CDS Exon 2 of transcript AGAP010108-PA;exon=> In CDS Exon 2 of transcript AGAP010121-PA;exon=> In CDS Exon 2 of transcript AGAP010102-PA
JHU_Ag_100432	SGFIAEVHREPIK	AGAP010103-PA,AGAP010104-PA,AGAP010105-PA,AGAP010106-PA,AGAP010107-PA,AGAP010108-PA,AGAP010121-PA,AGAP010102-PA	-	74	3.58E-07	1	1482.807	0.42	Larva	3R:+:49150471-49150509;3R:+:49155626-49155664;3R:+:49158237-49158275;3R:+:49160915-49160953;3R:+:49164861-49164899;3R:+:49169882-49169920;3R:+:49230405-49230443;3R:+:49147307-49147345	exon=> In CDS Exon 2 of transcript AGAP010103-PA;exon=> In CDS Exon 2 of transcript AGAP010104-PA;exon=> In CDS Exon 2 of transcript AGAP010105-PA;exon=> In CDS Exon 2 of transcript AGAP010106-PA;exon=> In CDS Exon 2 of transcript AGAP010107-PA;exon=> In CDS Exon 2 of transcript AGAP010108-PA;exon=> In CDS Exon 2 of transcript AGAP010121-PA;exon=> In CDS Exon 2 of transcript AGAP010102-PA

JHU_Ag_12694	QQPAILK	AGAP010109-PA	-	31	0.001895518	1	797.479	-10.92	Salivary gland	3R:+:49182656-49182676	exon=> In CDS Exon 1 of transcript AGAP010109-PA
JHU_Ag_82248	QQPAILK	AGAP010109-PA	-	30	0.002792158	1	797.481	-8.53	Ovary	3R:+:49182656-49182676	exon=> In CDS Exon 1 of transcript AGAP010109-PA
JHU_Ag_35045	IVDYHADHHTGFNAVVR	AGAP010112-PA,AGAP010113-PA,AGAP010114-PA,AGAP010116-PA,AGAP010117-PA,AGAP010119-PB,AGAP010120-PA,AGAP010126-PA,AGAP010127-PA,AGAP010128-PA	-	113	7.93E-11	1	1950.961	1.8	Larva	3R:-:49190516-49190466;3R:-:49193398-49193348;3R:-:49196657-49196607;3R:+:49211355-49211405;3R:+:49216217-49216267;3R:+:49220971-49221021;3R:+:49228472-49228522;3R:-:49252112-49252062;3R:-:49254985-49254935;3R:+:49260528-49260578	exon=> In CDS Exon 2 of transcript AGAP010112-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA
JHU_Ag_114919	TIAQPTIIK	AGAP010112-PA,AGAP010113-PA,AGAP010114-PA,AGAP010116-PA,AGAP010117-PA,AGAP010119-PB,AGAP010120-PA,AGAP010126-PA,AGAP010127-PA,AGAP010128-PA,AGAP012875-PA,AGAP013749-PA	-	41	0.000270261	1	984.612	3.62	Larva	3R:-:49190693-49190667;3R:-:49193575-49193549;3R:-:49196834-49196808;3R:+:49211178-49211204;3R:+:49216040-49216066;3R:+:49220794-49220820;3R:+:49228295-49228321;3R:-:49252289-49252263;3R:-:49255162-49255136;3R:+:49260351-49260377;UNKN:+:35684374-35684400;3R:+:49220114-49220140	exon=> In CDS Exon 2 of transcript AGAP010112-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP012875-PA;exon=> In CDS Exon 2 of transcript AGAP013749-PA

JHU_Ag_103074	SVEHHAPANYEFSYSVHDEHTGDIK	AGAP010112-PA,AGAP010113-PA,AGAP010114-PA,AGAP010116-PA,AGAP010117-PA,AGAP010119-PB,AGAP010120-PA,AGAP010126-PA,AGAP010127-PA,AGAP010128-PA,AGAP013749-PA	-	128	1.38E-12	1	2869.288	2.41	Larva	3R:-:49190666-49190592;3R:-:49193548-49193474;3R:-:49196807-49196733;3R:+:49211205-49211279;3R:+:49216067-49216141;3R:+:49220821-49220895;3R:+:49228322-49228396;3R:-:49252262-49252188;3R:-:49255135-49255061;3R:+:49260378-49260452;3R:+:49220141-49220215	exon=> In CDS Exon 2 of transcript AGAP010112-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP013749-PA
JHU_Ag_104529	HGDEVHGQYSLLDSDGHQR	AGAP010113-PA,AGAP010114-PA,AGAP010116-PA,AGAP010117-PA,AGAP010119-PB,AGAP010120-PA,AGAP010126-PA,AGAP010127-PA,AGAP010128-PA,AGAP013749-PA	-	119	1.51E-11	1	2149.973	3.85	Larva	3R:-:49193455-49193399;3R:-:49196714-49196658;3R:+:49211298-49211354;3R:+:49216160-49216216;3R:+:49220914-49220970;3R:+:49228415-49228471;3R:-:49252169-49252113;3R:-:49255042-49254986;3R:+:49260471-49260527;3R:+:49220234-49220290	exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP013749-PA
JHU_Ag_3806	REEGR	AGAP010122-PA	-	39	0.001496819	1	646.327	0.52	Head	3R:+:49238448-49238462	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_5665	EDRHEER	AGAP010122-PA	-	41	0.000416091	1	970.434	0.02	Head	3R:+:49238232-49238252	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_9190	VNREEISEDER	AGAP010122-PA	N2(Deamidated)	93	6.33E-09	1	1375.645	-0.04	Head	3R:+:49238079-49238111	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_21466	RYATDAHDQSDEQVGYDFSYSVHDPVTGDQK	AGAP010122-PA	-	148	9.46E-15	1	3530.539	0.74	Head	3R:+:49237704-49237796	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_24964	GQYSWVDADGIR	AGAP010122-PA	Q2(Deamidated)	99	1.33E-09	2	1366.638	-0.58	Head	3R:+:49237833-49237868	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_29525	LNHILQFIPAQTVAPLYTIDTIIAPAYTSVSR	AGAP010122-PA	-	30	0.001463294	1	3526.944	3.76	Visceras	3R:+:49237947-49238042	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_32431	GQYSWVDADGIR	AGAP010122-PA	-	71	8.73E-07	2	1366.637	-1.48	Midgut	3R:+:49237833-49237868	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_34852	GQYSWVDADGIR	AGAP010122-PA	-	73	6.92E-07	2	1366.639	0.58	Pupa	3R:+:49237833-49237868	exon=> In CDS Exon 2 of transcript AGAP010122-PA

JHU_Ag_43430	NDRPEEPREDR	AGAP010122-PA	N1(Deamidated)	50	0.000105788	1	1412.643	-6.1	Head	3R:+:49238145-49238177	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_49546	RNDDGR	AGAP010122-PA	-	33	0.002180164	1	732.339	0.5	Head	3R:+:49238190-49238207	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_59037	HETVRNDRPEEPR	AGAP010122-PA	N6(Deamidated)	66	4.56E-06	1	1635.777	-4.12	Head	3R:+:49238130-49238168	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_64687	GQYSWVDADGIR	AGAP010122-PA	-	89	1.76E-08	1	1366.640	0.85	Visceras	3R:+:49237833-49237868	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_67219	VNREEISEDER	AGAP010122-PA	-	64	5.84E-06	1	1375.646	0.58	Visceras	3R:+:49238079-49238111	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_69500	EEISEDER	AGAP010122-PA	-	37	0.000931318	1	1006.431	-1.55	Head	3R:+:49238088-49238111	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_70267	LNEHREER	AGAP010122-PA	N2(Deamidated)	39	0.001540628	1	1082.529	-4.57	Head	3R:+:49238412-49238435	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_77364	NDDGRDER	AGAP010122-PA	-	27	0.004256649	2	976.406	-1.86	Head	3R:+:49238193-49238216	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_81257	NDRPEEPR	AGAP010122-PA	N1(Deamidated)	48	0.000126123	1	1013.466	1.2	Head	3R:+:49238145-49238168	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_82778	DDRVDER	AGAP010122-PA	-	30	0.007249747	1	904.413	1.37	Head	3R:+:49238367-49238387	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_89256	QVVQETASQSEVR	AGAP010122-PA	-	88	2.87E-08	1	1460.734	-0.23	Visceras	3R:+:49238484-49238522	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_91897	FQAPSVSYQYSN	AGAP010122-PA	-	92	7.20E-09	2	1390.633	4.37	Head	3R:+:49238523-49238558	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_95582	ENRHETVR	AGAP010122-PA	N2(Deamidated)	53	6.02E-05	1	1041.506	-0.81	Head	3R:+:49238121-49238144	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_97516	LNHILQFIPAQTVAPLYTIDTIIAPAYTSVSR	AGAP010122-PA	-	40	0.000187085	1	3526.930	-0.19	Midgut	3R:+:49237947-49238042	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_98340	RQVVQETASQSEVR	AGAP010122-PA	Q10(Deamidated),Q5(Deamidated),Q2(Deamidated)	110	1.67E-10	1	1617.814	-3.48	Head	3R:+:49238481-49238522	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_98466	EEISEDERNGR	AGAP010122-PA	N9(Deamidated)	63	3.18E-06	1	1334.582	0.37	Head	3R:+:49238088-49238120	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_100211	EEGRDNR	AGAP010122-PA	-	31	0.004757664	1	875.397	0.32	Head	3R:+:49238451-49238471	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_102701	YATDAHDQSDEQVGYDFSYSVHDPVTGDQK	AGAP010122-PA	-	223	2.63E-22	1	3374.442	1.72	Head	3R:+:49237707-49237796	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_106697	RNGHVR	AGAP010122-PA	N2(Deamidated)	36	0.001824909	1	739.395	-1.59	Head	3R:+:49237815-49237832	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_109190	LNHILQFIPAQTVAPLYTIDTIIAPAYTSVSR	AGAP010122-PA	-	73	7.30E-08	1	3526.938	2.09	Head	3R:+:49237947-49238042	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_114301	QVVQETASQSEVR	AGAP010122-PA	Q1(Deamidated),Q4(Deamidated)	66	4.45E-06	1	1460.739	3.37	Pupa	3R:+:49238484-49238522	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_115783	QVVQETASQSEVR	AGAP010122-PA	Q4(Deamidated),Q9(Deamidated),Q1(Deamidated)	101	1.42E-09	1	1460.737	2.03	Head	3R:+:49238484-49238522	exon=> In CDS Exon 2 of transcript AGAP010122-PA
JHU_Ag_91036	NGHVR	AGAP010122-PA,AGAP002577-PA	N1(Deamidated)	32	0.002213424	1	583.295	1.1	Head	3R:+:49237818-49237832;2R:-:23136084-23136070	exon=> In CDS Exon 2 of transcript AGAP010122-PA;exon=> In CDS Exon 19 of transcript AGAP002577-PA
JHU_Ag_22934	IIAAQPAYYSQPAPAVVK	AGAP010123-PA	-	60	6.00E-06	2	1887.039	0.64	Pupa	3R:+:49240425-49240478	exon=> In CDS Exon 2 of transcript AGAP010123-PA
JHU_Ag_37542	TVEYTADDHNGFNAVVHR	AGAP010123-PA	-	93	6.29E-09	1	2044.938	-4.52	Head	3R:+:49240281-49240334	exon=> In CDS Exon 2 of transcript AGAP010123-PA
JHU_Ag_47642	HGDQVHGQYSLIDSDGHKR	AGAP010123-PA	Q4(Deamidated)	131	1.16E-12	1	2149.026	4.05	Larva	3R:+:49240224-49240280	exon=> In CDS Exon 2 of transcript AGAP010123-PA

JHU_Ag_69172	VIAQPAIAK	AGAP010123-PA	-	36	0.000273337	1	910.572	-0.08	Head	3R:+:49240377-49240403	exon=> In CDS Exon 2 of transcript AGAP010123-PA
JHU_Ag_86528	HGDQVHGQYSLIDSDGHK	AGAP010123-PA	-	112	8.08E-11	1	1992.912	-1.95	Head	3R:+:49240224-49240277	exon=> In CDS Exon 2 of transcript AGAP010123-PA
JHU_Ag_92819	IPQPIVQK	AGAP010123-PA	-	41	7.31E-05	1	922.572	0.2	Head	3R:+:49240353-49240376	exon=> In CDS Exon 2 of transcript AGAP010123-PA
JHU_Ag_96031	HIDEDHDAQYDFSYGVHDDHTGDIK	AGAP010123-PA	-	34	0.001426357	1	2929.223	-2.33	Head	3R:+:49240131-49240205	exon=> In CDS Exon 2 of transcript AGAP010123-PA
JHU_Ag_96525	IIAAQPAYYSQPAPAVVK	AGAP010123-PA	-	112	3.67E-11	1	1887.039	1.03	Head	3R:+:49240425-49240478	exon=> In CDS Exon 2 of transcript AGAP010123-PA
JHU_Ag_47198	IVDYHADHHTGFNAVVR	AGAP010127-PA,AGAP010128-PA,AGAP010120-PA,AGAP010114-PA,AGAP010112-PA,AGAP010113-PA,AGAP010126-PA,AGAP010119-PB,AGAP010117-PA,AGAP010116-PA	-	59	2.15E-05	1	1950.956	-0.52	Pupa	3R:-:49254985-49254935;3R:+:49260528-49260578;3R:+:49228472-49228522;3R:-:49196657-49196607;3R:-:49190516-49190466;3R:-:49193398-49193348;3R:-:49252112-49252062;3R:+:49220971-49221021;3R:+:49216217-49216267;3R:+:49211355-49211405	exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010112-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA
JHU_Ag_66965	IAQPVHK	AGAP010127-PA,AGAP010128-PA,AGAP010120-PA,AGAP010114-PA,AGAP010112-PA,AGAP010113-PA,AGAP010126-PA,AGAP010119-PB,AGAP010117-PA,AGAP010116-PA	-	31	0.002431207	1	792.473	0.95	Head	3R:-:49254913-49254893;3R:+:49260600-49260620;3R:+:49228544-49228564;3R:-:49196585-49196565;3R:-:49190444-49190424;3R:-:49193326-49193306;3R:-:49252040-49252020;3R:+:49221043-49221063;3R:+:49216289-49216309;3R:+:49211427-49211447	exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010112-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA

JHU_Ag_84640	IVDYHADHHTGFNAVVR	AGAP010127-PA,AGAP010128-PA,AGAP010120-PA,AGAP010114-PA,AGAP010112-PA,AGAP010113-PA,AGAP010126-PA,AGAP010119-PB,AGAP010117-PA,AGAP010116-PA	-	110	1.71E-10	1	1950.955	-1.08	Head	3R:-:49254985-49254935;3R:+:49260528-49260578;3R:+:49228472-49228522;3R:-:49196657-49196607;3R:-:49190516-49190466;3R:-:49193398-49193348;3R:-:49252112-49252062;3R:+:49220971-49221021;3R:+:49216217-49216267;3R:+:49211355-49211405	exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010112-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA
JHU_Ag_45977	SVEHHAPANYEFSYSVHDEHTGDIK	AGAP010127-PA,AGAP010128-PA,AGAP010120-PA,AGAP010114-PA,AGAP010112-PA,AGAP010113-PA,AGAP010126-PA,AGAP010119-PB,AGAP010117-PA,AGAP010116-PA,AGAP013749-PA	-	92	5.21E-09	1	2869.285	1.31	Head	3R:-:49255135-49255061;3R:+:49260378-49260452;3R:+:49228322-49228396;3R:-:49196807-49196733;3R:-:49190666-49190592;3R:-:49193548-49193474;3R:-:49252262-49252188;3R:+:49220821-49220895;3R:+:49216067-49216141;3R:+:49211205-49211279;3R:+:49220141-49220215	exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010112-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA;exon=> In CDS Exon 2 of transcript AGAP013749-PA

JHU_Ag_42037	HGDEVHGQYSLLDSDGHQR	AGAP010127-PA,AGAP010128-PA,AGAP010120-PA,AGAP010114-PA,AGAP010113-PA,AGAP010126-PA,AGAP010119-PB,AGAP010117-PA,AGAP010116-PA,AGAP013749-PA	-	137	2.18E-13	1	2149.966	0.45	Head	3R:-:49255042-49254986;3R:+:49260471-49260527;3R:+:49228415-49228471;3R:-:49196714-49196658;3R:-:49193455-49193399;3R:-:49252169-49252113;3R:+:49220914-49220970;3R:+:49216160-49216216;3R:+:49211298-49211354;3R:+:49220234-49220290	exon=> In CDS Exon 2 of transcript AGAP010127-PA;exon=> In CDS Exon 2 of transcript AGAP010128-PA;exon=> In CDS Exon 2 of transcript AGAP010120-PA;exon=> In CDS Exon 2 of transcript AGAP010114-PA;exon=> In CDS Exon 2 of transcript AGAP010113-PA;exon=> In CDS Exon 2 of transcript AGAP010126-PA;exon=> In CDS Exon 2 of transcript AGAP010119-PB;exon=> In CDS Exon 2 of transcript AGAP010117-PA;exon=> In CDS Exon 2 of transcript AGAP010116-PA;exon=> In CDS Exon 2 of transcript AGAP013749-PA
JHU_Ag_71701	IEIIER	AGAP010129-PA	-	41	0.001581873	2	772.459	3.21	Malpighian tubule	3R:-:49263007-49262990	exon=> In CDS Exon 3 of transcript AGAP010129-PA
JHU_Ag_840	SKDIVELEDNR	AGAP010130-PB	-	42	0.001204033	2	1317.661	-2.84	Visceras	3R:-:49265853-49265821	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_3065	SKDIVELEDNR	AGAP010130-PB	-	60	1.79E-05	2	1317.664	-0.06	Salivary gland	3R:-:49265853-49265821	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_6916	ALEQAVAFLNR	AGAP010130-PB	-	76	2.90E-07	1	1231.678	-0.83	Ovary	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_7633	GLEVYLESLKK	AGAP010130-PB	-	68	6.49E-07	1	1278.733	1.69	Ovary	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_7711	GLEVYLESLKK	AGAP010130-PB	-	57	7.92E-06	1	1278.732	1.02	Male reproductive organs	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_13562	AISQTLDDLQNNK	AGAP010130-PB	-	87	3.19E-08	1	1459.741	1.2	Head	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_13949	VGMIDEIAENK	AGAP010130-PB	M3(Oxidation)	66	4.02E-06	1	1234.600	0.87	Head	3R:-:49265976-49265944	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_15059	GLEVYLESLKK	AGAP010130-PB	-	63	2.11E-06	1	1278.730	-0.41	Head	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_15165	ALEQAVAFLNR	AGAP010130-PB	-	57	2.58E-05	2	1231.676	-2.81	Midgut	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_16745	GLEVYLESLK	AGAP010130-PB	-	52	5.31E-05	2	1150.636	0.71	Male reproductive organs	3R:-:49265766-49265737	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_17252	DIVELEDNR	AGAP010130-PB	-	58	2.30E-05	2	1102.540	1.86	Malpighian tubule	3R:-:49265847-49265821	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_17997	DFWSTLQDVWFK	AGAP010130-PB	-	84	5.17E-08	2	1571.759	3.58	Visceras	3R:-:49266334-49266299	exon=> In CDS Exon 2 of transcript AGAP010130-PB
JHU_Ag_19503	AISQTLDDLQNNK	AGAP010130-PB	-	76	4.55E-07	1	1459.738	-0.55	Ovary	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_19861	ALEQAVAFLNR	AGAP010130-PB	-	76	2.06E-07	1	1231.683	3.04	Malpighian tubule	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_20159	ALEQAVAFLNR	AGAP010130-PB	-	49	0.000132223	2	1231.680	0.86	Pupa	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_20171	TGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	122	1.45E-12	1	2414.347	2.94	Visceras	3R:-:49266620-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_20480	AISQTLDDLQNNK	AGAP010130-PB	-	92	1.08E-08	1	1459.739	0.03	Midgut	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB

JHU_Ag_21767	LYGSPFPTAAAINGHAPAGGCLLSLCCEYR	AGAP010130-PB	C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl)	185	3.82E-18	1	3223.519	2.08	Head	3R:-:49266298-49266406,49265719-49266136	exon=> In CDS Exon 3 and 2 of transcript AGAP010130-PB
JHU_Ag_23538	GLEVYLESLKK	AGAP010130-PB	-	67	7.97E-07	1	1278.732	1.4	Visceras	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_26313	TGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	78	4.14E-08	1	2414.338	-1.15	Midgut	3R:-:49266620-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_27134	AISQTLDDLQNNK	AGAP010130-PB	-	87	3.17E-08	2	1459.739	0.45	Visceras	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_28077	AISQTLDDLQNNKSR	AGAP010130-PB	-	105	5.22E-10	1	1702.877	2.91	Malpighian tubule	3R:-:49266554-49266510	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_29352	LYGSPFPTAAAINGHAPAGGCLLSLCCEYR	AGAP010130-PB	C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl),"N13(Deamidated), C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl)"	176	3.04E-17	1	3224.498	0.38	Visceras	3R:-:49266298-49266406,49265719-49266136	exon=> In CDS Exon 3 and 2 of transcript AGAP010130-PB
JHU_Ag_30242	ALEQAVAFLNR	AGAP010130-PB	-	53	4.90E-05	2	1231.680	0.86	Head	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_31961	AISQTLDDLQNNK	AGAP010130-PB	N11(Deamidated)	77	3.13E-07	1	1459.740	0.95	Pupa	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_32718	ALEQAVAFLNR	AGAP010130-PB	-	60	1.04E-05	2	1231.679	-0.13	Salivary gland	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_34152	VGMIDEIAENK	AGAP010130-PB	M3(Oxidation)	70	1.71E-06	2	1234.595	-2.59	Pupa	3R:-:49265976-49265944	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_35788	TGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	102	1.49E-10	1	2414.346	2.41	Head	3R:-:49266620-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_36501	SQDIDLFVYAVNQPAVQK	AGAP010130-PB	-	103	6.41E-10	1	2035.055	2.48	Visceras	3R:-:49265820-49265767	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_37964	RESELALTLGK	AGAP010130-PB	-	52	4.67E-05	1	1216.693	2.49	Malpighian tubule	3R:-:49266036-49266004	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_42408	LVITEVDDK	AGAP010130-PB	-	46	0.000354072	2	1031.557	-5.24	Midgut	3R:-:49266647-49266621	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_43441	LVITEVDDKTGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	29	0.002471941	1	3426.902	5.06	Visceras	3R:-:49266647-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_43757	GLEVYLESLK	AGAP010130-PB	-	62	5.38E-06	2	1150.637	1.35	Malpighian tubule	3R:-:49265766-49265737	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_45778	GLEVYLESLK	AGAP010130-PB	-	65	2.53E-06	2	1150.637	1.35	Head	3R:-:49265766-49265737	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_52060	SQDIDLFVYAVNQPAVQK	AGAP010130-PB	-	110	1.33E-10	1	2035.051	0.56	Midgut	3R:-:49265820-49265767	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_53153	GLEVYLESLK	AGAP010130-PB	-	53	4.34E-05	2	1150.636	0.6	Pupa	3R:-:49265766-49265737	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_53302	ESELALTLGK	AGAP010130-PB	-	42	0.000849447	2	1060.591	2.56	Malpighian tubule	3R:-:49266033-49266004	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_54623	RESELALTLGK	AGAP010130-PB	-	44	0.000363085	2	1216.687	-1.92	Head	3R:-:49266036-49266004	exon=> In CDS Exon 3 of transcript AGAP010130-PB

JHU_Ag_55668	SQDIDLFVYAVNQPAVQK	AGAP010130-PB	-	103	6.64E-10	1	2035.052	1.28	Pupa	3R:-:49265820-49265767	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_58460	DFWSTLQDVWFK	AGAP010130-PB	-	82	8.88E-08	1	1571.757	2.8	Ovary	3R:-:49266334-49266299	exon=> In CDS Exon 2 of transcript AGAP010130-PB
JHU_Ag_62045	GLEVYLESLKK	AGAP010130-PB	-	49	6.34E-05	1	1278.729	-1.17	Pupa	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_64112	ALEQAVAFLNR	AGAP010130-PB	-	73	6.16E-07	1	1231.680	0.16	Male reproductive organs	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_64257	AISQTLDDLQNNK	AGAP010130-PB	-	71	1.41E-06	2	1459.740	0.95	Salivary gland	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_65715	ESELALTLGK	AGAP010130-PB	-	46	0.000312301	1	1060.589	0.9	Pupa	3R:-:49266033-49266004	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_66749	LVITEVDDKTGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	48	3.64E-05	1	3426.885	0.29	Ovary	3R:-:49266647-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_67573	LYGSPFPTAAAINGHAPAGGCLLSLCCEYR	AGAP010130-PB	C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl),"N 13(Deamidated), C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl)"	188	1.88E-18	1	3223.516	1.29	Ovary	3R:-:49266298-49266406,49265719-49266136	exon=> In CDS Exon 3 and 2 of transcript AGAP010130-PB
JHU_Ag_70510	GLEVYLESLK	AGAP010130-PB	-	60	9.42E-06	2	1150.636	0.07	Visceras	3R:-:49265766-49265737	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_72779	GLEVYLESLK	AGAP010130-PB	-	64	3.69E-06	2	1150.638	1.77	Ovary	3R:-:49265766-49265737	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_73361	SQDIDLFVYAVNQPAVQK	AGAP010130-PB	-	106	3.17E-10	2	2035.048	-0.82	Head	3R:-:49265820-49265767	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_75734	ALEQAVAFLNR	AGAP010130-PB	-	64	3.96E-06	1	1231.680	0.16	Visceras	3R:-:49265937-49265905	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_76190	AISQTLDDLQNNK	AGAP010130-PB	-	89	2.25E-08	1	1459.743	3.13	Malpighian tubule	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_76762	VGMIDEIAENKEK	AGAP010130-PB	M3(Oxidation)	95	5.77E-09	1	1491.738	1.38	Male reproductive organs	3R:-:49265976-49265938	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_77769	TGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	94	1.08E-09	1	2414.342	0.59	Ovary	3R:-:49266620-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_78884	LVITEVDDK	AGAP010130-PB	-	50	0.000162657	2	1031.562	0.32	Ovary	3R:-:49266647-49266621	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_81464	SQDIDLFVYAVNQPAVQK	AGAP010130-PB	-	106	3.34E-10	1	2035.052	1.1	Ovary	3R:-:49265820-49265767	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_82391	GLEVYLESLKK	AGAP010130-PB	-	57	8.17E-06	1	1278.733	1.78	Midgut	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_82607	SQDIDLFVYAVNQPAVQK	AGAP010130-PB	-	80	1.26E-07	1	2035.050	0.26	Salivary gland	3R:-:49265820-49265767	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_85786	TGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	103	1.23E-10	1	2414.346	2.49	Pupa	3R:-:49266620-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_88716	ESELALTLGK	AGAP010130-PB	-	44	0.000537742	1	1060.589	0.21	Midgut	3R:-:49266033-49266004	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_91140	AISQTLDDLQNNK	AGAP010130-PB	-	87	3.30E-08	1	1459.740	0.7	Male reproductive organs	3R:-:49266554-49266516	exon=> In CDS Exon 1 of transcript AGAP010130-PB
JHU_Ag_91225	LVITEVDDKTGYATVTLNRPPVNSLSLELLR	AGAP010130-PB	-	123	1.26E-12	1	3426.879	-1.51	Midgut	3R:-:49266647-49266555	exon=> In CDS Exon 1 of transcript AGAP010130-PB

JHU_Ag_94702	GLEVYLESLKK	AGAP010130-PB	-	51	3.27E-05	1	1278.733	1.89	Malpighian tubule	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_96870	VGMIDEIAENKEK	AGAP010130-PB	M3(Oxidation)	86	4.95E-08	1	1491.734	-1.64	Ovary	3R:-:49265976-49265938	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_97156	SQDIDLFVYAVNQPAVQK	AGAP010130-PB	-	96	3.15E-09	2	2035.051	0.5	Malpighian tubule	3R:-:49265820-49265767	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_97200	MYTTDEALK	AGAP010130-PB	M1(Oxidation)	39	0.000904671	1	1087.496	-1.61	Ovary	3R:-:49266003-49265977	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_97724	ESELALTLGK	AGAP010130-PB	-	42	0.000699169	1	1060.591	1.94	Visceras	3R:-:49266033-49266004	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_98890	ALEQAVAFLNRFR	AGAP010130-PB	-	52	3.11E-05	1	1534.854	3.47	Malpighian tubule	3R:-:49265937-49265899	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_100516	SKDIVELEDNR	AGAP010130-PB	-	54	6.45E-05	2	1317.656	-6.26	Male reproductive organs	3R:-:49265853-49265821	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_104383	SKDIVELEDNR	AGAP010130-PB	-	91	1.58E-08	1	1317.664	-0.61	Pupa	3R:-:49265853-49265821	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_104455	MYTTDEALK	AGAP010130-PB	M1(Oxidation)	47	0.000151291	2	1087.493	-3.85	Midgut	3R:-:49266003-49265977	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_104696	LYGSPFPTAAAINGHAPAGGCLLSLCCEYR	AGAP010130-PB	C21(Carbamidomethyl), C26(Carbamidomethyl), C27(Carbamidomethyl)	205	3.73E-20	1	3223.524	3.67	Malpighian tubule	3R:-:49266298-49266406,49265719-49266136	exon=> In CDS Exon 3 and 2 of transcript AGAP010130-PB
JHU_Ag_106610	ESELALTLGK	AGAP010130-PB	-	34	0.005605182	1	1060.587	-1.29	Head	3R:-:49266033-49266004	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_107307	LRDFWSTLQDVWFK	AGAP010130-PB	-	87	2.60E-08	1	1840.942	1.85	Midgut	3R:-:49266340-49266299	exon=> In CDS Exon 2 of transcript AGAP010130-PB
JHU_Ag_108363	VGMIDEIAENK	AGAP010130-PB	M3(Oxidation)	80	1.63E-07	1	1234.597	-1.4	Ovary	3R:-:49265976-49265944	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_108649	VGMIDEIAENKEK	AGAP010130-PB	M3(Oxidation)	102	1.09E-09	1	1475.737	-2.96	Midgut	3R:-:49265976-49265938	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_112253	SKDIVELEDNR	AGAP010130-PB	-	74	7.82E-07	1	1317.661	-2.47	Ovary	3R:-:49265853-49265821	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_113366	DIVELEDNR	AGAP010130-PB	-	53	6.75E-05	1	1102.537	-0.25	Ovary	3R:-:49265847-49265821	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_116026	GLEVYLESLKK	AGAP010130-PB	-	45	0.00015244	1	1278.734	2.74	Salivary gland	3R:-:49265766-49265734	exon=> In CDS Exon 3 of transcript AGAP010130-PB
JHU_Ag_117471	DFWSTLQDVWFK	AGAP010130-PB	-	74	5.65E-07	2	1571.753	-0.07	Midgut	3R:-:49266334-49266299	exon=> In CDS Exon 2 of transcript AGAP010130-PB
JHU_Ag_948	VTTLNPVLATVGK	AGAP010132-PA	-	71	2.34E-07	2	1312.783	-0.04	Midgut	3R:+:49286035-49286061,49286148-49286159	exon=> In CDS Exon 1 and 2 of transcript AGAP010132-PA
JHU_Ag_53261	IWHYMPELSNGDYFNDR	AGAP010132-PA	M5(Oxidation), N10(Deamidated)	50	6.45E-05	3	2173.936	3.28	Larva	3R:+:49285984-49286034	exon=> In CDS Exon 1 of transcript AGAP010132-PA
JHU_Ag_55032	DVPVHEMLFDGHPDTLLTTLR	AGAP010132-PA	M7(Oxidation)	95	4.69E-09	1	2422.210	1.19	Midgut	3R:+:49286238-49286300	exon=> In CDS Exon 2 of transcript AGAP010132-PA
JHU_Ag_56488	TLEGDPLLPLLDGIIMANNLAEFLYK	AGAP010132-PA	M16(Oxidation)	59	9.38E-06	3	2889.531	-0.4	Midgut	3R:+:49286160-49286237	exon=> In CDS Exon 2 of transcript AGAP010132-PA
JHU_Ag_93603	IWHYMPELSNGDYFNDR	AGAP010132-PA	M5(Oxidation)	80	6.60E-08	1	2172.944	0	Midgut	3R:+:49285984-49286034	exon=> In CDS Exon 1 of transcript AGAP010132-PA
JHU_Ag_20	FGWFVGR	AGAP010133-PA	-	44	0.000332891	2	868.446	-0.87	Midgut	3R:+:49294157-49294177	exon=> In CDS Exon 3 of transcript AGAP010133-PA
JHU_Ag_2814	TWHFVPELSK	AGAP010133-PA	-	46	0.000391084	1	1243.647	-0.21	Midgut	3R:+:49293786-49293815	exon=> In CDS Exon 2 of transcript AGAP010133-PA

JHU_Ag_3500	GTLDDQVTNLNVITLNAAHFLR	AGAP010133-PA	-	90	8.69E-09	1	2425.284	0.09	Midgut	3R:+:49293816-49293860,49293965-49293985	exon=> In CDS Exon 2 and 3 of transcript AGAP010133-PA
JHU_Ag_6179	NTYPLLRPLINIFLK	AGAP010133-PA	-	55	2.01E-06	1	1815.089	-0.07	Midgut	3R:+:49293986-49294030	exon=> In CDS Exon 3 of transcript AGAP010133-PA
JHU_Ag_47321	GTLDDQVTNLNVITLNAAHFLR	AGAP010133-PA	-	78	1.40E-07	1	2425.296	5.15	Visceras	3R:+:49293816-49293860,49293965-49293985	exon=> In CDS Exon 2 and 3 of transcript AGAP010133-PA
JHU_Ag_47618	ELLFEGVKDPLLDLLK	AGAP010133-PA	-	68	2.66E-07	1	1842.064	1.11	Midgut	3R:+:49294070-49294117	exon=> In CDS Exon 3 of transcript AGAP010133-PA
JHU_Ag_52433	EQVSLYNIQGTK	AGAP010133-PA	-	58	2.30E-05	2	1379.720	2.51	Ovary	3R:+:49294412-49294447	exon=> In CDS Exon 3 of transcript AGAP010133-PA
JHU_Ag_71924	EQVSLYNIQGTK	AGAP010133-PA	-	71	1.32E-06	2	1379.716	-0.5	Midgut	3R:+:49294412-49294447	exon=> In CDS Exon 3 of transcript AGAP010133-PA
JHU_Ag_72643	ATLTQELAEQAK	AGAP010133-PA	-	65	4.93E-06	2	1302.693	2.12	Malpighian tubule	3R:+:49294907-49294942	exon=> In CDS Exon 4 of transcript AGAP010133-PA
JHU_Ag_114554	ATLTQELAEQAK	AGAP010133-PA	-	57	3.16E-05	2	1302.695	3.81	Pupa	3R:+:49294907-49294942	exon=> In CDS Exon 4 of transcript AGAP010133-PA
JHU_Ag_115296	FGWFVGR	AGAP010133-PA	-	43	0.000410489	2	868.445	-1.36	Pupa	3R:+:49294157-49294177	exon=> In CDS Exon 3 of transcript AGAP010133-PA
JHU_Ag_4657	GIALDGQIK	AGAP010134-PA	-	55	5.39E-05	1	914.530	-0.58	Head	3R:+:49304333-49304359	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_4970	NTVASLETSEGCPIQPGSSLQK	AGAP010134-PA	C12(Carbamidomethyl)	38	0.002962101	2	2303.119	0.21	Visceras	3R:+:49304222-49304287	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_8776	RQDQCLASTTLLAQPDQR	AGAP010134-PA	C5(Carbamidomethyl), Q17(Deamidated),"C5(Carbamidomethyl), Q14(Deamidated)","Q2(Deamidated), C5(Carbamidomethyl)",C5(Carbamidomethyl),"Q4(Deamidated), C5(Carbamidomethyl)"	132	1.05E-12	1	2101.049	1.81	Head	3R:+:49304360-49304391,49304482-49304503	exon=> In CDS Exon 2 and 3 of transcript AGAP010134-PA
JHU_Ag_14190	IFAGESETDR	AGAP010134-PA	-	65	3.35E-06	1	1124.520	-1.74	Head	3R:+:49303913-49303942	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_21954	VTLYMGK	AGAP010134-PA	-	34	0.003742537	1	811.437	-1.93	Head	3R:+:49303145-49303165	exon=> In CDS Exon 1 of transcript AGAP010134-PA
JHU_Ag_24189	LFLGALGGELSAELPFVLMHPKPGTK	AGAP010134-PA	M19(Oxidation)	127	7.54E-13	1	2738.498	1.03	Head	3R:+:49304546-49304611,49304706-49304717	exon=> In CDS Exon 3 and 4 of transcript AGAP010134-PA
JHU_Ag_24786	VIHADSQADVETFR	AGAP010134-PA	Q7(Deamidated)	119	1.90E-11	1	1587.778	1.35	Head	3R:+:49304724-49304765	exon=> In CDS Exon 4 of transcript AGAP010134-PA
JHU_Ag_31004	KIQFAPTK	AGAP010134-PA	-	41	0.000287891	1	932.557	0.42	Head	3R:+:49303979-49304002	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_31281	ELCLASEQIYPRPEK	AGAP010134-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), Q8(Deamidated)"	115	5.18E-11	1	1832.920	-0.53	Head	3R:+:49303703-49303747	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_33713	DAFGVIISYAVK	AGAP010134-PA	-	72	5.61E-07	2	1282.708	2.61	Pupa	3R:+:49304504-49304539	exon=> In CDS Exon 3 of transcript AGAP010134-PA
JHU_Ag_42808	YGREEDEVMGLNFQK	AGAP010134-PA	M9(Oxidation),"M9(Oxidation), N12(Deamidated)","M9(Oxidation), Q14(Deamidated)"	105	3.90E-10	1	1830.837	2.22	Head	3R:+:49303658-49303702	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_44521	VMYLTPLLSSNK	AGAP010134-PA	M2(Oxidation)	76	2.97E-07	1	1381.738	-1.11	Head	3R:+:49304288-49304323	exon=> In CDS Exon 2 of transcript AGAP010134-PA

JHU_Ag_57281	NTVASLETSEGCPIQPGSSLQK	AGAP010134-PA	N1(Deamidated), C12(Carbamidomethyl),"C12(Carbamidomethyl), Q15(Deamidated)",C12(Carbamidomethyl)	139	2.09E-13	2	2303.113	-2.55	Head	3R:+:49304222-49304287	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_58930	QDQCLASTTLLAQPDQR	AGAP010134-PA	C4(Carbamidomethyl)	90	1.61E-08	1	1944.943	-0.66	Head	3R:+:49304363-49304391,49304482-49304503	exon=> In CDS Exon 2 and 3 of transcript AGAP010134-PA
JHU_Ag_60392	IFAGESETDRTHR	AGAP010134-PA	-	69	2.27E-06	1	1518.727	-1.67	Head	3R:+:49303913-49303951	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_60929	KVFGQIVCSFR	AGAP010134-PA	C8(Carbamidomethyl)	56	2.79E-05	1	1340.714	-0.37	Head	3R:+:49303625-49303657	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_64850	RGIALDGQIK	AGAP010134-PA	-	28	0.009858745	1	1070.629	-2.48	Head	3R:+:49304330-49304359	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_65714	RSTVTLGIR	AGAP010134-PA	-	44	0.000168925	1	1002.604	-1.02	Head	3R:+:49303952-49303978	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_74829	DAFGVIISYAVK	AGAP010134-PA	-	102	4.87E-10	1	1282.704	-0.44	Head	3R:+:49304504-49304539	exon=> In CDS Exon 3 of transcript AGAP010134-PA
JHU_Ag_75758	GIALDGQIKR	AGAP010134-PA	-	45	0.000211685	2	1070.630	-1.68	Head	3R:+:49304333-49304362	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_81153	IQFAPTK	AGAP010134-PA	-	50	9.30E-05	1	804.461	-0.87	Head	3R:+:49303982-49304002	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_84955	EEDEVMGLNFQK	AGAP010134-PA	M6(Oxidation)	96	2.87E-09	1	1438.653	1.07	Head	3R:+:49303667-49303702	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_85231	AMVQQGVDVVLFQNGSYR	AGAP010134-PA	M2(Oxidation), Q4(Deamidated), Q13(Deamidated),"M2(Oxidation), Q5(Deamidated), Q13(Deamidated)",N14(Deamidated),"M2(Oxidation), Q5(Deamidated)",M2(Oxidation),"M2(Oxidation), N14(Deamidated)","M2(Oxidation), Q4(Deamidated)"	127	3.45E-12	1	2011.007	0.29	Head	3R:+:49304168-49304221	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_87578	VFGQIVCSFR	AGAP010134-PA	C7(Carbamidomethyl)	81	9.56E-08	2	1212.619	-0.72	Head	3R:+:49303628-49303657	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_89985	IGVNICIR	AGAP010134-PA	C6(Carbamidomethyl)	62	7.48E-06	2	944.535	0.72	Head	3R:+:49304111-49304134	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_90102	VIHADSQADVETFRQDTIDQQASVDFE	AGAP010134-PA	-	133	5.84E-13	1	3064.409	-1.25	Head	3R:+:49304724-49304804	exon=> In CDS Exon 4 of transcript AGAP010134-PA
JHU_Ag_90192	KDFMLSPGELELEVTLDK	AGAP010134-PA	M4(Oxidation)	63	7.22E-06	1	2080.058	2.7	Head	3R:+:49304033-49304086	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_94399	STVTLGIRK	AGAP010134-PA	-	53	8.97E-06	1	974.598	-1.38	Head	3R:+:49303955-49303981	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_97555	IFAGESETDR	AGAP010134-PA	-	39	0.001348667	2	1124.522	0.11	Pupa	3R:+:49303913-49303942	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_102903	QLYLHGER	AGAP010134-PA	-	32	0.009136756	2	1015.530	-2.24	Head	3R:+:49304087-49304110	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_105759	KIQFAPTK	AGAP010134-PA	-	56	9.60E-06	2	932.555	-1.15	Pupa	3R:+:49303979-49304002	exon=> In CDS Exon 2 of transcript AGAP010134-PA

JHU_Ag_105832	QGQQPCTLVR	AGAP010134-PA	C6(Carbamidomethyl)	45	0.000309335	2	1186.596	-3.18	Head	3R:+:49304003-49304032	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_106132	RDFVDHVSGVEPIDGIVVLDDEYIR	AGAP010134-PA	-	128	1.88E-12	3	2857.444	2.37	Head	3R:+:49303166-49303205,49303581-49303615	exon=> In CDS Exon 1 and 2 of transcript AGAP010134-PA
JHU_Ag_109921	QDTIDQQASVDFE	AGAP010134-PA	-	35	0.002490587	2	1495.658	2.24	Head	3R:+:49304766-49304804	exon=> In CDS Exon 4 of transcript AGAP010134-PA
JHU_Ag_115360	DFVDHVSGVEPIDGIVVLDDEYIR	AGAP010134-PA	-	124	6.00E-12	1	2701.344	3.07	Head	3R:+:49303169-49303205,49303581-49303615	exon=> In CDS Exon 1 and 2 of transcript AGAP010134-PA
JHU_Ag_116150	STVTLGIR	AGAP010134-PA	-	62	5.08E-06	2	846.504	0	Head	3R:+:49303955-49303978	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_116796	RSTVTLGIR	AGAP010134-PA	-	35	0.001351319	2	1002.599	-6.86	Midgut	3R:+:49303952-49303978	exon=> In CDS Exon 2 of transcript AGAP010134-PA
JHU_Ag_19865	FHTLDQLVDHYQR	AGAP010135-PA	-	91	1.07E-08	1	1671.828	2.38	Head	3R:-:49310259-49310221	exon=> In CDS Exon 5 of transcript AGAP010135-PA
JHU_Ag_83157	LLIKPYR	AGAP010136-PA,AGAP010137-PA	-	25	0.003907599	1	902.571	-12.41	Male reproductive organs	3R:-:49317629-49317609;3R:-:49320000-49319980	exon=> In CDS Exon 1 of transcript AGAP010136-PA;exon=> In CDS Exon 4 of transcript AGAP010137-PA
JHU_Ag_16413	GVHLVTEEILR	AGAP010138-PA	-	54	1.47E-05	1	1265.723	1.71	Ovary	3R:+:49329307-49329339	exon=> In CDS Exon 1 of transcript AGAP010138-PA
JHU_Ag_40772	GIQIGSAWFQR	AGAP010138-PA	-	50	0.000142348	2	1262.663	-0.86	Ovary	3R:+:49329247-49329279	exon=> In CDS Exon 1 of transcript AGAP010138-PA
JHU_Ag_65241	GVHLVTEEILR	AGAP010138-PA	-	72	2.14E-07	1	1265.726	4.12	Midgut	3R:+:49329307-49329339	exon=> In CDS Exon 1 of transcript AGAP010138-PA
JHU_Ag_83999	GVHLVTEEILR	AGAP010138-PA	-	51	3.32E-05	1	1265.726	3.35	Malpighian tubule	3R:+:49329307-49329339	exon=> In CDS Exon 1 of transcript AGAP010138-PA
JHU_Ag_90858	GIQIGSAWFQR	AGAP010138-PA	-	70	1.60E-06	2	1262.663	-1.05	Head	3R:+:49329247-49329279	exon=> In CDS Exon 1 of transcript AGAP010138-PA
JHU_Ag_110823	GIQIGSAWFQR	AGAP010138-PA	-	62	9.04E-06	2	1262.664	-0.47	Midgut	3R:+:49329247-49329279	exon=> In CDS Exon 1 of transcript AGAP010138-PA
JHU_Ag_276	VLLDLTSKPPGTTEWE	AGAP010139-PA	-	75	3.72E-07	1	1785.941	8.1	Malpighian tubule	3R:-:49356526-49356479	exon=> In CDS Exon 11 of transcript AGAP010139-PA
JHU_Ag_1482	SYSYAVGLSSK	AGAP010139-PA	-	57	3.37E-05	2	1161.583	4.11	Ovary	3R:-:49357156-49357124	exon=> In CDS Exon 9 of transcript AGAP010139-PA
JHU_Ag_1631	NREEECIAYIR	AGAP010139-PA	C6(Carbamidomethyl)	78	2.56E-07	1	1452.695	3.24	Ovary	3R:-:49358342-49358310	exon=> In CDS Exon 5 of transcript AGAP010139-PA
JHU_Ag_1790	DIREDGEHAIEVEESCPLFK	AGAP010139-PA	C16(Carbamidomethyl)	130	1.30E-12	1	2373.111	3.41	Ovary	3R:-:49359033-49359092,49358517-49358673	exon=> In CDS Exon 4 and 3 of transcript AGAP010139-PA
JHU_Ag_1975	NREEECIAYIR	AGAP010139-PA	C6(Carbamidomethyl)	59	1.74E-05	2	1452.689	-0.71	Head	3R:-:49358342-49358310	exon=> In CDS Exon 5 of transcript AGAP010139-PA
JHU_Ag_2091	IVAAVYNEQLR	AGAP010139-PA	-	54	3.78E-05	2	1275.708	1.53	Pupa	3R:-:49358576-49358544	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_3387	VSNDVLREMNLNADEVYLAQGTLRPDLIESASTLVSAK	AGAP010139-PA	M9(Oxidation)	70	4.12E-07	1	4148.157	9.45	Malpighian tubule	3R:-:49357821-49357708	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_4296	ISQMPVILIPIHFDRDPAQK	AGAP010139-PA	M4(Oxidation)	67	9.18E-07	1	2334.274	4.22	Malpighian tubule	3R:-:49356841-49356782	exon=> In CDS Exon 10 of transcript AGAP010139-PA
JHU_Ag_10727	VSGTTTKEDQQQLCR	AGAP010139-PA	C14(Carbamidomethyl)	84	7.27E-08	1	1750.846	4.19	Malpighian tubule	3R:-:49357338-49357294	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_12330	VLLTHGDSIDRVGSK	AGAP010139-PA	-	47	0.000135461	1	1596.875	2.97	Malpighian tubule	3R:-:49358651-49358607	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_13011	HPFPGPGLAIR	AGAP010139-PA	-	43	0.000399383	1	1161.652	-0.36	Head	3R:-:49357554-49357522	exon=> In CDS Exon 7 of transcript AGAP010139-PA

JHU_Ag_13712	SVVLRPFVTNDFMTGVPAIPGTDR	AGAP010139-PA	M13(Oxidation)	49	0.000131655	1	2605.358	5.17	Head	3R:-:49356763-49356692	exon=> In CDS Exon 10 of transcript AGAP010139-PA
JHU_Ag_15597	IVAAVYNEQLR	AGAP010139-PA	-	62	6.23E-06	1	1275.706	0.38	Visceras	3R:-:49358576-49358544	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_16826	LNESANVEK	AGAP010139-PA	-	52	0.000122674	1	1003.507	1.79	Malpighian tubule	3R:-:49358022-49357996	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_18417	THHNDTELIR	AGAP010139-PA	-	46	0.000409417	3	1235.617	3.81	Ovary	3R:-:49357692-49357663	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_18885	VAILDAGSQYGK	AGAP010139-PA	-	34	0.005096491	2	1221.651	2.96	Head	3R:-:49359516-49359481	exon=> In CDS Exon 1 of transcript AGAP010139-PA
JHU_Ag_19045	AVVISGGPNSVYAEDAPK	AGAP010139-PA	-	118	2.67E-11	1	1773.909	4.09	Ovary	3R:-:49359302-49359249	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_25010	THHNDTELIR	AGAP010139-PA	-	41	0.001361491	3	1235.616	2.92	Malpighian tubule	3R:-:49357692-49357663	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_26385	SVVLRPFVTNDFMTGVPAIPGTDRLPTNVLQK	AGAP010139-PA	M13(Oxidation)	30	0.002743127	1	3498.891	3.74	Ovary	3R:-:49356763-49356871,49356476-49356566	exon=> In CDS Exon 11 and 10 of transcript AGAP010139-PA
JHU_Ag_28507	HALKPDQVIAVHIDNGFMR	AGAP010139-PA	-	76	2.38E-07	1	2161.143	4.33	Malpighian tubule	3R:-:49358155-49358206,49357474-49358023	exon=> In CDS Exon 7 and 6 of transcript AGAP010139-PA
JHU_Ag_30529	AVVISGGPNSVYAEDAPK	AGAP010139-PA	-	81	1.35E-07	2	1773.908	3.68	Salivary gland	3R:-:49359302-49359249	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_32503	ISSNIKLNATLLPIR	AGAP010139-PA	-	43	3.06E-05	2	1653.015	5.43	Malpighian tubule	3R:-:49357293-49357249	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_33662	IVAAVYNEQLR	AGAP010139-PA	-	59	1.32E-05	2	1275.713	5.93	Ovary	3R:-:49358576-49358544	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_34208	EMNLNADEVYLAQGTLRPDLIESASTLVSAK	AGAP010139-PA	M2(Oxidation)	128	1.23E-12	1	3364.701	1.91	Head	3R:-:49357800-49357708	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_35172	THHNDTELIR	AGAP010139-PA	-	48	0.000270053	1	1235.605	-6.49	Head	3R:-:49357692-49357663	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_36034	IIGDVFVK	AGAP010139-PA	-	37	0.00070156	1	890.538	3.93	Malpighian tubule	3R:-:49357845-49357822	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_36583	IVAAVYNEQLR	AGAP010139-PA	-	39	0.001206478	2	1275.714	6.7	Malpighian tubule	3R:-:49358576-49358544	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_38345	VLLDLTSKPPGTTEWE	AGAP010139-PA	-	68	2.35E-06	2	1785.935	4.48	Head	3R:-:49356526-49356479	exon=> In CDS Exon 11 of transcript AGAP010139-PA
JHU_Ag_39040	VLLTHGDSIDR	AGAP010139-PA	-	63	4.58E-06	1	1225.658	3.81	Malpighian tubule	3R:-:49358651-49358619	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_40490	VAILDAGSQYGK	AGAP010139-PA	-	84	5.20E-08	2	1221.648	0.76	Visceras	3R:-:49359516-49359481	exon=> In CDS Exon 1 of transcript AGAP010139-PA
JHU_Ag_43720	VLLDLTSKPPGTTEWE	AGAP010139-PA	-	42	0.000726257	2	1785.936	5.23	Salivary gland	3R:-:49356526-49356479	exon=> In CDS Exon 11 of transcript AGAP010139-PA
JHU_Ag_43873	LNATLLPIR	AGAP010139-PA	-	69	1.10E-07	2	1010.640	4.22	Ovary	3R:-:49357275-49357249	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_46822	IIGDVFVKVSNDVLR	AGAP010139-PA	-	27	0.005838922	1	1673.967	4.82	Malpighian tubule	3R:-:49357845-49357801	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_47378	NREEECIAYIR	AGAP010139-PA	C6(Carbamidomethyl)	57	2.56E-05	1	1452.673	-11.8	Malpighian tubule	3R:-:49358342-49358310	exon=> In CDS Exon 5 of transcript AGAP010139-PA
JHU_Ag_48266	VSGTTTKEDQQQLCR	AGAP010139-PA	C14(Carbamidomethyl)	74	7.66E-07	1	1750.841	1.04	Head	3R:-:49357338-49357294	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_48439	EMNLNADEVYLAQGTLRPDLIESASTLVSAK	AGAP010139-PA	M2(Oxidation)	130	8.94E-13	1	3364.702	2.34	Malpighian tubule	3R:-:49357800-49357708	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_50178	LNATLLPIR	AGAP010139-PA	-	56	3.37E-06	2	1010.638	1.8	Salivary gland	3R:-:49357275-49357249	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_50618	AVVISGGPNSVYAEDAPK	AGAP010139-PA	-	116	3.82E-11	1	1773.910	4.44	Malpighian tubule	3R:-:49359302-49359249	exon=> In CDS Exon 2 of transcript AGAP010139-PA

JHU_Ag_53046	QLGYSLGLPAHLVER	AGAP010139-PA	-	32	0.003135839	3	1652.915	2.09	Ovary	3R:-:49357599-49357555	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_53274	VSNDVLR	AGAP010139-PA	-	51	0.000158569	1	802.444	3.32	Malpighian tubule	3R:-:49357821-49357801	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_57228	AVVISGGPNSVYAEDAPK	AGAP010139-PA	-	109	2.10E-10	2	1773.907	2.79	Visceras	3R:-:49359302-49359249	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_57528	QLGYSLGLPAHLVERHPFPGPGLAIR	AGAP010139-PA	-	98	2.41E-10	1	2795.566	6.68	Malpighian tubule	3R:-:49357599-49357522	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_60449	DIREDGEHAIEVEESCPLFK	AGAP010139-PA	C16(Carbamidomethyl)	120	1.33E-11	1	2373.106	1.33	Malpighian tubule	3R:-:49359033-49359092,49358517-49358673	exon=> In CDS Exon 4 and 3 of transcript AGAP010139-PA
JHU_Ag_63108	AVVISGGPNSVYAEDAPK	AGAP010139-PA	-	109	2.20E-10	1	1773.908	3.34	Head	3R:-:49359302-49359249	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_63926	SLRELGVDLFVK	AGAP010139-PA	-	74	1.36E-07	1	1375.800	3.96	Malpighian tubule	3R:-:49357995-49357960	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_65489	QLGYSLGLPAHLVER	AGAP010139-PA	-	37	0.000991639	2	1652.919	4.42	Malpighian tubule	3R:-:49357599-49357555	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_66482	LNATLLPIR	AGAP010139-PA	-	47	2.72E-05	2	1010.639	2.77	Head	3R:-:49357275-49357249	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_71007	IVAAVYNEQLR	AGAP010139-PA	-	54	2.96E-05	1	1275.710	3.73	Male reproductive organs	3R:-:49358576-49358544	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_73626	VSGTTTKEDQQQLCR	AGAP010139-PA	C14(Carbamidomethyl)	54	7.44E-05	2	1750.846	4.12	Ovary	3R:-:49357338-49357294	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_73848	LNATLLPIR	AGAP010139-PA	-	64	5.26E-07	2	1010.633	-2.37	Male reproductive organs	3R:-:49357275-49357249	exon=> In CDS Exon 8 of transcript AGAP010139-PA
JHU_Ag_74389	EMNLNADEVYLAQGTLRPDLIESASTLVSAK	AGAP010139-PA	M2(Oxidation)	153	4.49E-15	1	3364.710	4.63	Ovary	3R:-:49357800-49357708	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_76229	VLLDLTSKPPGTTEWE	AGAP010139-PA	-	74	5.57E-07	2	1785.930	1.67	Visceras	3R:-:49356526-49356479	exon=> In CDS Exon 11 of transcript AGAP010139-PA
JHU_Ag_77042	NREEECIAYIR	AGAP010139-PA	C6(Carbamidomethyl)	54	5.28E-05	2	1452.692	1.22	Visceras	3R:-:49358342-49358310	exon=> In CDS Exon 5 of transcript AGAP010139-PA
JHU_Ag_77682	AVVISGGPNSVYAEDAPK	AGAP010139-PA	-	101	1.22E-09	2	1773.908	3.41	Larva	3R:-:49359302-49359249	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_81584	SDILPLETSALK	AGAP010139-PA	-	41	0.000873829	2	1286.721	0.37	Ovary	3R:-:49359359-49359324	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_82217	VLLDLTSKPPGTTEWE	AGAP010139-PA	-	62	8.27E-06	1	1785.933	3.31	Ovary	3R:-:49356526-49356479	exon=> In CDS Exon 11 of transcript AGAP010139-PA
JHU_Ag_85356	SDILPLETSALK	AGAP010139-PA	-	40	0.001136014	2	1286.722	1.13	Visceras	3R:-:49359359-49359324	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_85439	SVVLRPFVTNDFMTGVPAIPGTDRLPTNVLQK	AGAP010139-PA	M13(Oxidation)	74	7.48E-08	1	3498.910	9.05	Malpighian tubule	3R:-:49356763-49356871,49356476-49356566	exon=> In CDS Exon 11 and 10 of transcript AGAP010139-PA
JHU_Ag_86306	VAILDAGSQYGK	AGAP010139-PA	-	100	1.34E-09	1	1221.655	5.96	Malpighian tubule	3R:-:49359516-49359481	exon=> In CDS Exon 1 of transcript AGAP010139-PA
JHU_Ag_89681	ADTIKTHHNDTELIR	AGAP010139-PA	-	86	3.45E-08	1	1763.907	2.03	Malpighian tubule	3R:-:49357707-49357663	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_90850	ISQMPVILIPIHFDR	AGAP010139-PA	M4(Oxidation)	58	7.84E-06	1	1795.000	3.73	Head	3R:-:49356841-49356797	exon=> In CDS Exon 10 of transcript AGAP010139-PA
JHU_Ag_91009	IYGVQFHPEVDLTVNGK	AGAP010139-PA	-	45	0.000477023	1	1915.993	0.73	Ovary	3R:-:49358543-49358673,49358283-49358403	exon=> In CDS Exon 5 and 4 of transcript AGAP010139-PA
JHU_Ag_91202	IVAAVYNEQLR	AGAP010139-PA	-	67	1.67E-06	1	1275.708	1.72	Salivary gland	3R:-:49358576-49358544	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_92833	LNATLLPIR	AGAP010139-PA	-	65	4.09E-07	2	1010.639	2.77	Malpighian tubule	3R:-:49357275-49357249	exon=> In CDS Exon 8 of transcript AGAP010139-PA

JHU_Ag_92949	SYSYAVGLSSKDVPNWQDMLFLAK	AGAP010139-PA	M19(Oxidation)	58	1.95E-05	3	2735.353	5.34	Malpighian tubule	3R:-:49357156-49357085	exon=> In CDS Exon 9 of transcript AGAP010139-PA
JHU_Ag_93613	STGLTENGGLHNDRVAILDAGSQYGK	AGAP010139-PA	-	173	6.46E-17	1	2673.342	7.25	Malpighian tubule	3R:-:49359558-49359481	exon=> In CDS Exon 1 of transcript AGAP010139-PA
JHU_Ag_93683	LNESANVEK	AGAP010139-PA	-	40	0.002082717	2	1003.510	4.35	Ovary	3R:-:49358022-49357996	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_93865	IYGVQFHPEVDLTVNGK	AGAP010139-PA	-	34	0.004858911	1	1915.993	1.02	Visceras	3R:-:49358543-49358673,49358283-49358403	exon=> In CDS Exon 5 and 4 of transcript AGAP010139-PA
JHU_Ag_95748	MVDELSNMPGISR	AGAP010139-PA	M1(Oxidation), M8(Oxidation)	68	1.88E-06	2	1480.684	4.56	Ovary	3R:-:49356565-49356527	exon=> In CDS Exon 11 of transcript AGAP010139-PA
JHU_Ag_96450	DIREDGEHAIEVEESCPLFK	AGAP010139-PA	C16(Carbamidomethyl)	111	9.80E-11	1	2373.102	-0.29	Head	3R:-:49359033-49359092,49358517-49358673	exon=> In CDS Exon 4 and 3 of transcript AGAP010139-PA
JHU_Ag_99186	SYSYAVGLSSK	AGAP010139-PA	-	53	8.40E-05	2	1161.582	2.64	Malpighian tubule	3R:-:49357156-49357124	exon=> In CDS Exon 9 of transcript AGAP010139-PA
JHU_Ag_100412	IVAAVYNEQLR	AGAP010139-PA	-	69	1.17E-06	1	1275.709	2.78	Head	3R:-:49358576-49358544	exon=> In CDS Exon 4 of transcript AGAP010139-PA
JHU_Ag_100498	SDILPLETSALK	AGAP010139-PA	-	39	0.001190146	2	1286.723	2.36	Pupa	3R:-:49359359-49359324	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_101207	AVVISGGPNSVYAEDAPK	AGAP010139-PA	-	96	4.38E-09	2	1773.905	1.55	Pupa	3R:-:49359302-49359249	exon=> In CDS Exon 2 of transcript AGAP010139-PA
JHU_Ag_102272	KIIGDVFVK	AGAP010139-PA	-	44	6.20E-05	1	1018.634	4.28	Malpighian tubule	3R:-:49357848-49357822	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_111112	VLCAEEAFMKDYSETQVIVK	AGAP010139-PA	C3(Carbamidomethyl)	39	0.002119644	1	2360.161	4.08	Malpighian tubule	3R:-:49357521-49358033,49357233-49357393	exon=> In CDS Exon 8 and 7 of transcript AGAP010139-PA
JHU_Ag_111761	QLGYSLGLPAHLVER	AGAP010139-PA	-	32	0.003121431	1	1652.915	1.97	Head	3R:-:49357599-49357555	exon=> In CDS Exon 7 of transcript AGAP010139-PA
JHU_Ag_116177	MVDELSNMPGISR	AGAP010139-PA	M8(Oxidation),"M1(Oxidation), M8(Oxidation)",M1(Oxidation)	94	7.29E-09	2	1448.695	5.56	Malpighian tubule	3R:-:49356565-49356527	exon=> In CDS Exon 11 of transcript AGAP010139-PA
JHU_Ag_116965	ISQMPVILIPIHFDRDPAQK	AGAP010139-PA	M4(Oxidation)	43	0.00021331	1	2334.273	3.91	Ovary	3R:-:49356841-49356782	exon=> In CDS Exon 10 of transcript AGAP010139-PA
JHU_Ag_27023	LIHVLCSSHFSAR	AGAP010142-PB	C6(Carbamidomethyl)	56	3.82E-05	1	1526.791	0.96	Head	3R:-:49370413-49370375	exon=> In CDS Exon 4 of transcript AGAP010142-PB
JHU_Ag_41248	IISVDTNYR	AGAP010142-PB	-	47	0.000255668	2	1080.567	-1.6	Midgut	3R:-:49370506-49370480	exon=> In CDS Exon 4 of transcript AGAP010142-PB
JHU_Ag_49602	APTICDGTANAVDAK	AGAP010142-PB	C5(Carbamidomethyl)	63	7.11E-06	2	1503.715	2.6	Head	3R:-:49371810-49371766	exon=> In CDS Exon 2 of transcript AGAP010142-PB
JHU_Ag_62626	DEPLNTYVQLGECK	AGAP010142-PB	C13(Carbamidomethyl)	85	4.16E-08	1	1665.783	2.16	Midgut	3R:-:49370915-49370874	exon=> In CDS Exon 3 of transcript AGAP010142-PB
JHU_Ag_64439	APTICDGTANAVDAK	AGAP010142-PB	C5(Carbamidomethyl)	56	3.81E-05	2	1503.713	1.38	Male reproductive organs	3R:-:49371810-49371766	exon=> In CDS Exon 2 of transcript AGAP010142-PB
JHU_Ag_76334	MDFNEVYR	AGAP010142-PB	-	34	0.002330218	2	1073.474	1.81	Head	3R:-:49370362-49370339	exon=> In CDS Exon 4 of transcript AGAP010142-PB
JHU_Ag_77183	LPYADYLVNGEQVFDPEKPHVALR	AGAP010142-PB	-	89	1.02E-08	1	2770.425	1.97	Midgut	3R:-:49370338-49370267	exon=> In CDS Exon 4 of transcript AGAP010142-PB
JHU_Ag_113507	LPYADYLVNGEQVFDPEKPHVALR	AGAP010142-PB	-	155	2.90E-15	1	2770.426	2.14	Head	3R:-:49370338-49370267	exon=> In CDS Exon 4 of transcript AGAP010142-PB

JHU_Ag_27870	KPQYQKQIQQATQQMLQQK	AGAP010143-PB,AGAP010143-PA	Q5(Deamidated), Q7(Deamidated), Q9(Deamidated), Q10(Deamidated), M15(Oxidation),"Q7(Deamidated), Q9(Deamidated), Q10(Deamidated), M15(Oxidation)"	47	0.000231521	1	2365.203	13.82	Midgut	3R:+:49411111-49411167;3R:+:49411111-49411167	exon=> In CDS Exon 3 of transcript AGAP010143-PB;exon=> In CDS Exon 3 of transcript AGAP010143-PA
JHU_Ag_31809	LFLTLPR	AGAP010145-PA	-	27	0.00381305	2	859.541	1.69	Head	3R:-:49429746-49429726	exon=> In CDS Exon 1 of transcript AGAP010145-PA
JHU_Ag_92602	TSETEAPEIVSPFR	AGAP010145-PA	-	41	0.001506514	2	1562.780	6.61	Head	3R:-:49427484-49427443	exon=> In CDS Exon 2 of transcript AGAP010145-PA
JHU_Ag_107636	LFLTLPR	AGAP010145-PA	-	45	5.88E-05	2	859.541	1.69	Male reproductive organs	3R:-:49429746-49429726	exon=> In CDS Exon 1 of transcript AGAP010145-PA
JHU_Ag_110517	SYIAENVIPVGLEVYK	AGAP010145-PA	-	40	0.000807835	2	1793.978	5.51	Male reproductive organs	3R:-:49429800-49429753	exon=> In CDS Exon 1 of transcript AGAP010145-PA
JHU_Ag_19431	QPSAMPALAGLNLPTFDDHGF	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	168	2.65E-16	1	2215.058	4.16	Ovary	3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347	exon=> In CDS Exon 16 of transcript AGAP010147-PB;exon=> In CDS Exon 16 of transcript AGAP010147-PC;exon=> In CDS Exon 16 of transcript AGAP010147-PD;exon=> In CDS Exon 16 of transcript AGAP010147-PA;exon=> In CDS Exon 16 of transcript AGAP010147-PF;exon=> In CDS Exon 16 of transcript AGAP010147-PG;exon=> In CDS Exon 16 of transcript AGAP010147-PH;exon=> In CDS Exon 16 of transcript AGAP010147-PI;exon=> In CDS Exon 16 of transcript AGAP010147-PJ;exon=> In CDS Exon 16 of transcript AGAP010147-PK
JHU_Ag_33139	QPSAMPALAGLNLPTFDDHGF	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q1(Deamidated), M5(Oxidation),M5(Oxidation)	115	5.31E-11	2	2199.057	1.32	Head	3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347	exon=> In CDS Exon 16 of transcript AGAP010147-PB;exon=> In CDS Exon 16 of transcript AGAP010147-PC;exon=> In CDS Exon 16 of transcript AGAP010147-PD;exon=> In CDS Exon 16 of transcript AGAP010147-PA;exon=> In CDS Exon 16 of transcript AGAP010147-PF;exon=> In CDS Exon 16 of transcript AGAP010147-PG;exon=> In CDS Exon 16 of transcript AGAP010147-PH;exon=> In CDS Exon 16 of transcript AGAP010147-PI;exon=> In CDS Exon 16 of transcript AGAP010147-PJ;exon=> In CDS Exon 16 of transcript AGAP010147-PK

JHU_Ag_38468	GASPAPQRQPSAMPALAGLNLPTFDD HGF	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M13(Oxidation)	102	8.62E-10	1	2979.452	3.46	Malpighian tubule	49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49	exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PB;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PC;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PD;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PA;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PF;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PG;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PH;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PI;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PK
JHU_Ag_45951	GASPAPQRQPSAMPALAGLNLPTFDD HGF	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M13(Oxidation)	70	1.17E-06	1	2979.443	0.27	Head	49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49480173-49480187,49482276-49482347;3R:+:49	exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PB;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PC;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PD;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PA;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PF;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PG;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PH;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PI;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PK

JHU_Ag_71996	QPSAMPALAGLNLPTFDDHGF	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	116	3.48E-11	1	2199.061	3.1	Visceras	3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347	exon=> In CDS Exon 16 of transcript AGAP010147-PB;exon=> In CDS Exon 16 of transcript AGAP010147-PC;exon=> In CDS Exon 16 of transcript AGAP010147-PD;exon=> In CDS Exon 16 of transcript AGAP010147-PA;exon=> In CDS Exon 16 of transcript AGAP010147-PF;exon=> In CDS Exon 16 of transcript AGAP010147-PG;exon=> In CDS Exon 16 of transcript AGAP010147-PH;exon=> In CDS Exon 16 of transcript AGAP010147-PI;exon=> In CDS Exon 16 of transcript AGAP010147-PJ;exon=> In CDS Exon 16 of transcript AGAP010147-PK
JHU_Ag_96440	QPSAMPALAGLNLPTFDDHGF	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	46	0.000374557	2	2215.051	0.74	Male reproductive organs	3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347;3R:+:49482285-49482347	exon=> In CDS Exon 16 of transcript AGAP010147-PB;exon=> In CDS Exon 16 of transcript AGAP010147-PC;exon=> In CDS Exon 16 of transcript AGAP010147-PD;exon=> In CDS Exon 16 of transcript AGAP010147-PA;exon=> In CDS Exon 16 of transcript AGAP010147-PF;exon=> In CDS Exon 16 of transcript AGAP010147-PG;exon=> In CDS Exon 16 of transcript AGAP010147-PH;exon=> In CDS Exon 16 of transcript AGAP010147-PI;exon=> In CDS Exon 16 of transcript AGAP010147-PJ;exon=> In CDS Exon 16 of transcript AGAP010147-PK

JHU_Ag_1	ELESELDSEQRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated)	77	2.63E-07	1	1490.710	1.37	Head	3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;

JHU_Ag_117	LLGVGTDDLYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.002949876	2	1193.643	1.74	Midgut	3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_119	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q7(Deamidated)	76	3.01E-07	2	943.562	5.07	Larva	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_612	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	53	7.33E-05	2	1361.711	1.53	Salivary gland	3R:+:49479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998;3R:+:479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_620	EQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	44	0.000775791	1	1320.685	1.53	Salivary gland	3R:+:49470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_623	LATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	113	6.81E-11	1	1629.834	0.28	Male reproductive organs	3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_687	LADELR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000422	2	716.394	0.02	Head	3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_774	LEQEIGSQKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000321033	1	1159.632	0.3	Visceras	3R:+:49475742-49475771;3R:+:49475742-49475771;3R:+:49475742-49475771;

JHU_Ag_1039	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N5(Deamidated),Q6(Deamidated),N1(Deamidated)	73	5.35E-07	2	1002.483	-1.84	Pupa	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;

JHU_Ag_1147	RDLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	129	1.42E-12	1	2079.061	1.4	Pupa	3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_1267	LEADINELEIALDHANKANAEAQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	6.02E-08	1	2620.336	5.5	Head	49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-

JHU_Ag_1327	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	91	1.08E-08	2	1373.667	1.13	Ovary	3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;

JHU_Ag_1457	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	153	4.18E-15	1	2036.076	4.94	Larva	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;

JHU_Ag_1539	KGSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N12(Deamidated),N20(Deamidated)	143	5.16E-14	1	2344.227	5.5	Larva	3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;

JHU_Ag_1815	KHNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	113	7.15E-11	1	2055.971	-2.5	Midgut	3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;

JHU_Ag_1892	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated),N6(Deamidated)	106	3.05E-10	1	1373.664	-1.54	Head	3R:+:49479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_1918	LEDEQSLVGKLQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q12(Deamidated)	71	1.00E-06	2	1487.794	-0.92	Pupa	3R:+:49476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233;3R:+:476195-49476233	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_1951	MQDLVDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	39	0.002542568	1	848.419	0.48	Pupa	3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_2023	ELTFQSEEDRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	6.29E-07	1	1381.663	2.75	Ovary	3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_2184	EQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	3.77E-05	2	1147.516	4.04	Larva	3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;

JHU_Ag_2614	VRELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	107	3.97E-10	1	1589.777	0.02	Visceras	3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_2639	GALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	8.34E-05	1	1065.521	-0.22	Ovary	3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_2665	LKGAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	144	6.29E-14	1	1819.927	4.4	Larva	3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_2677	ACWVPEEKEGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	50	0.000157227	1	2006.991	1.04	Midgut	3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_2891	YESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	57	2.23E-05	2	910.425	-1.16	Head	3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_3278	HNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M8(Oxidation)	121	9.08E-12	1	1927.882	0.21	Male reproductive organs	3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_3281	ASSIANAAEKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated)	47	0.000321 25	1	1089.590	-0.36	Pupa	3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_3368	ACWVPEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	46	0.000230 148	2	1018.466	-0.48	Pupa	3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_3381	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	62	1.40E-05	2	945.501	0.66	Head	3R:+:49479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_3440	EQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	64	7.16E-06	2	1304.688	0.18	Midgut	3R:+:49470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338;3R:+:470306-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_3551	LMTNHLGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.001273069	2	913.492	-0.23	Midgut	3R:+:49469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020;3R:+:469997-49470020	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_3726	NKDPLNDTVVDQFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	115	5.71E-11	1	1632.826	2.14	Visceras	3R:+:49470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176;3R:+:470135-49470176	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_3855	MQGEVNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.003325669	2	933.445	-0.57	Head	3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_3937	NEVPPHLFAVSDGAYVNMLTNHENQSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation), M27(Oxidation),"M18(Oxidation), N21(Deamidated), M27(Oxidation)"	136	2.62E-13	1	3959.870	4.1	Larva	3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_4032	LAQEEDARNQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.20E-07	1	1790.903	-0.17	Ovary	3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;

JHU_Ag_4323	ALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	45	0.000513959	2	829.477	-1.47	Head	3R:+:49479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749;3R:+:479729-49479749	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_4345	ELEQTVLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	65	3.74E-06	1	1115.641	-1.15	Visceras	3R:+:49476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164;3R:+:476138-49476164	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_4377	QAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	163	6.99E-16	1	2852.377	4.07	Ovary	3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;

JHU_Ag_4675	ELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	8.36E-06	1	903.480	1.8	Visceras	3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;

JHU_Ag_4866	NYSTELFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	52	5.51E-05	1	1029.502	1.58	Visceras	3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;

JHU_Ag_4967	ASSIANAAEKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	2.61E-05	1	1089.592	1.99	Malpighian tubule	3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_5332	KGSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated),Q7(Deamidated),N12(Deamidated),N20(Deamidated)	153	5.11E-15	1	2344.219	1.91	Pupa	3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_5592	NIHEIEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	50	9.94E-05	1	882.465	-2.89	Head	3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_5664	VISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.38E-06	1	1073.596	1.16	Larva	3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_5751	IKISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	94	2.12E-09	1	1516.858	0.22	Malpighian tubule	3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_5797	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	84	7.80E-08	1	1765.872	0.44	Salivary gland	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_5924	LTAQKNDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q4(Deamidated),N6(Deamidated)	95	4.03E-09	1	1542.823	-0.06	Pupa	3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_6055	LEAEKDELQAALEEAEAALEQEENK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.67E-10	1	2800.342	1.56	Male reproductive organs	3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_6102	AEELEEAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.001342113	1	1074.538	-4.08	Larva	3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_6561	NIHEIEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.000114117	1	882.468	0.36	Visceras	3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_6597	QLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	2.41E-10	1	1561.780	5.92	Malpighian tubule	3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_6649	TLNDFDASKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	2.44E-05	1	1138.578	3.51	Malpighian tubule	3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_6666	GREEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000101739	2	1734.721	2.95	Ovary	3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;

JHU_Ag_6749	ELEQTVLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000433767	2	987.547	-0.49	Larva	3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_6867	ELESELDSEQRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000155644	1	1490.714	3.66	Ovary	3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_6968	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	6.10E-06	1	1734.841	0.28	Midgut	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;

JHU_Ag_7008	QAEQELSDAHEQLNEVSAQNASIAAAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	183	7.07E-18	1	3008.472	1.71	Pupa	3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;

JHU_Ag_7092	LEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	140	1.35E-13	1	1907.977	3.14	Visceras	3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_7103	GSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	127	3.20E-12	1	2216.114	-2.44	Midgut	3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_7244	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	66	4.03E-06	1	1361.710	0.18	Male reproductive organs	3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_7376	MMYPDFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation), M2(Oxidation)	36	0.000805657	2	963.396	0.98	Larva	3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_7436	NYSTELFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	3.81E-05	2	1029.500	-0.32	Midgut	3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_7875	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	53	7.83E-05	2	1236.607	2.54	Malpighian tubule	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_7946	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	7.32E-08	1	1133.609	3.77	Ovary	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;

JHU_Ag_8306	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	78	2.86E-07	2	1117.573	-0.39	Male reproductive organs	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_8313	ATDQTFAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	1.17E-05	2	1010.478	-0.58	Ovary	3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_8330	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	85	4.93E-08	1	1117.573	-0.72	Pupa	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;

JHU_Ag_8425	LTQEAVADLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.42E-07	1	1244.649	0.55	Salivary gland	3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_8677	KDAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	107	2.86E-10	1	1429.754	0.15	Visceras	3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_8749	RNEVPPHLFAVSDGAYVNMLTNHEN QSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation), M28(Oxidation)	156	3.09E-15	1	4115.982	6.42	Larva	3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_8799	AKLEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	4.72E-13	1	1888.958	4.11	Larva	3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_8895	RQAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	140	1.45E-13	1	3008.466	-0.36	Male reproductive organs	3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_8971	KALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.00077338	1	957.573	-0.25	Ovary	3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_9000	ITSAVMHMGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M8(Oxidation),M6(Oxidation),"M6(Oxidation), M8(Oxidation)"	78	2.37E-07	1	1118.544	-0.19	Head	3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;

JHU_Ag_9210	NIHEIEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000292651	1	882.468	-0.19	Midgut	3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_9213	AQEAYEKEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	73	7.21E-07	1	1224.574	-0.34	Visceras	3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_9246	DLEEANIQHEGTLANLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N15(Deamidated)	117	3.54E-11	1	2051.049	-1.53	Pupa	3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_9371	NLADEVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.00062637	1	788.417	2.5	Head	3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_9389	EQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	65	5.87E-06	2	1320.682	-0.31	Male reproductive organs	3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_9586	ATDQTFAEKLMTNHLGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M11(Oxidation),"M11(Oxidation),N13(Deamidated)"	93	6.77E-09	1	1904.964	5.24	Malpighian tubule	3R:+:49469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020;3R:+:469970-49470020	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_9592	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	94	3.46E-09	1	1287.730	2.36	Visceras	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_9785	RQAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	172	9.18E-17	1	3008.467	-0.05	Midgut	3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_9797	KAQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	5.59E-08	2	1459.710	5.04	Malpighian tubule	3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-480068-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_9829	ITSAVMHMGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M8(Oxidation),M6(Oxidation),"M6(Oxidation),M8(Oxidation)"	81	1.09E-07	1	1102.550	0.17	Visceras	3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-466190-49466219	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_9844	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N17(Deamidated),N14(Deamidated),N1(Deamidated),Q9(Deamidated),N3(Deamidated)	128	2.18E-12	1	2121.092	-0.69	Pupa	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_9851	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	8.94E-08	1	1301.696	0.91	Head	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-

JHU_Ag_9862	LEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q11(Deamidated),N15(Deamidated),"Q11(Deamidated), N15(Deamidated)"	149	2.02E-14	1	1630.827	-1	Head	3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_9876	NLADEVKDLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	159	1.72E-15	1	1941.989	0.88	Midgut	3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_9944	YQQQLKDVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	121	1.18E-11	1	2092.031	0.33	Visceras	3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;

JHU_Ag_10173	LEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	125	5.19E-12	1	1630.834	3.56	Larva	3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;

JHU_Ag_10345	LAQEEDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000713809	1	931.448	-0.08	Pupa	3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;

JHU_Ag_10431	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.72E-10	1	1922.957	0.24	Salivary gland	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;

JHU_Ag_10529	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	60	1.93E-05	1	1734.844	1.89	Malpighian tubule	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_10648	VNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N2(Deamidated)	33	0.00254212	2	724.410	-0.66	Head	3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981;3R:+:49475964-49475981	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_10768	DDAREQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	7.81E-05	1	1388.681	3.19	Malpighian tubule	3R:+:49479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404;3R:+:479369-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_10893	TWAWWKLWQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	3.45E-06	1	1432.755	2.03	Visceras	3R:+:49473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608;3R:+:473579-49473608	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_11056	ELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	2.51E-06	1	1253.567	1.92	Visceras	3R:+:49479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950;3R:+:479921-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_11345	ELEELGER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.00013052	2	974.479	0.02	Male reproductive organs	3R:+:49476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362;3R:+:476339-49476362	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_11435	RLADEEAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	2.51E-05	1	959.489	-1.4	Head	3R:+:49478234-49478257;3R:+:49478234-49478257;3R:+:49478234-49478257;

JHU_Ag_11676	QAEQELSDAHEQLNEVSAQNASIAAAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	124	5.41E-12	1	3008.469	0.65	Visceras	3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;

JHU_Ag_11889	DLEEANIQHEGTLANLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	116	3.88E-11	1	2051.057	2.79	Ovary	3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_11981	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	64	5.55E-06	1	1236.602	-1.71	Midgut	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_12106	VRELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	5.82E-08	1	1589.780	1.86	Larva	3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;

JHU_Ag_12356	AEELEEAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.34E-06	1	1074.543	0.58	Visceras	3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;

JHU_Ag_12793	ELTFQSEEDRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	1.51E-06	1	1381.655	-3.35	Midgut	3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;

JHU_Ag_12966	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.17E-10	1	1435.774	4.36	Salivary gland	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;

JHU_Ag_13162	ELEELGERLEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	82	8.08E-08	1	2586.293	1.48	Salivary gland	3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;

JHU_Ag_13181	EGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000249559	2	1007.541	0.59	Ovary	3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_13220	LEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N15(Deamidated)	149	2.00E-14	1	1630.830	0.94	Visceras	3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_13360	LESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	146	3.64E-14	1	2297.155	1.88	Pupa	3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;

JHU_Ag_13518	KAQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.13E-06	2	1459.705	1.7	Ovary	3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;

JHU_Ag_13861	DAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	92	1.12E-08	1	1301.662	2.89	Larva	3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;

JHU_Ag_14482	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	5.00E-07	1	1734.841	0.42	Visceras	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_14540	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N14(Deamidated),N1(Deamidated),Q9(Deamidated),N3(Deamidated)	137	3.98E-13	1	1766.859	2.09	Head	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_14556	PKPPVQVGEDPDPTEFLFVSLEQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	157	1.69E-15	1	2738.433	14.83	Head	3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_14653	AMVDAAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000542388	2	733.368	2.09	Malpighian tubule	3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_14938	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	103	7.74E-10	1	1373.671	3.97	Malpighian tubule	3R:+:49479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:

JHU_Ag_15050	KDAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	102	7.49E-10	1	1429.757	2.63	Larva	3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;

JHU_Ag_15250	GREEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	3.02E-08	1	1734.716	-0.4	Midgut	3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;

JHU_Ag_15272	AKLEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	4.70E-13	1	1888.951	0.49	Ovary	3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;

JHU_Ag_15342	LEAEKDELQAALEEAEAALEQEENK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	123	9.69E-12	1	2800.348	3.72	Malpighian tubule	3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_15407	STQPHFVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000252225	2	971.509	3.47	Ovary	3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_15623	LKGAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	141	1.18E-13	1	1819.922	2.12	Head	3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_15642	VRELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	6.85E-05	1	1589.779	1.58	Midgut	3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_15644	HNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M8(Oxidation)	108	1.91E-10	2	1927.884	1.33	Larva	3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_15674	ELEELGER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	0.000112636	1	974.479	-0.22	Pupa	3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_15899	KGSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated),N12(Deamidated),N20(Deamidated)	162	5.78E-16	1	2344.224	4.02	Visceras	3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_15915	DDAREQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	86	4.13E-08	1	1388.676	-0.32	Head	3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_16216	RQAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	148	2.09E-14	1	3008.464	-0.97	Ovary	3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_16218	KGAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	99	2.33E-09	1	1302.668	-0.67	Pupa	3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_16317	LSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N5(Deamidated)	80	1.83E-07	2	1159.631	-0.33	Pupa	3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_16402	ELTFQSEEDRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	8.62E-06	1	1381.660	0.18	Male reproductive organs	3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_16575	NEVPPHLFAVSDGAYVNMLTNHENQ SMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation),M27(Oxidation),"M18(Oxidation), M27(Oxidation)"	176	2.91E-17	1	3943.863	1.09	Pupa	3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;

JHU_Ag_16663	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated),M7(Oxidation)	98	2.72E-09	1	1236.605	0.86	Head	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_16761	KVIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	79	6.69E-08	1	1425.815	3.09	Head	3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_16828	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	99	1.40E-09	1	1641.876	3.91	Larva	3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;

JHU_Ag_17010	LEEAGGATSAQIELNKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.06E-06	1	1758.920	-2.05	Midgut	3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_17109	MQGEVNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.000153227	2	933.445	-1.48	Visceras	3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930;3R:+:49475907-49475930	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_17112	RQAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	200	1.42E-19	1	3008.465	-0.66	Visceras	3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;

JHU_Ag_17276	GAGFATVSSSYKEQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation)	137	3.10E-13	1	2460.250	2.25	Ovary	3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;

JHU_Ag_17354	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	1.11E-07	1	1551.724	-3.26	Salivary gland	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;

JHU_Ag_17447	IKELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	102	1.15E-09	1	1494.743	-0.62	Head	3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_17450	IKELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	60	1.60E-05	2	1494.748	2.73	Larva	3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_17622	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	122	9.04E-12	1	1435.763	-3.2	Midgut	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-462946-49462984	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK
JHU_Ag_17752	TLNDFDASKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N3(Deamidated)	65	4.88E-06	1	1138.574	0.18	Pupa	3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-478090-49478119	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_17800	QLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q11(Deamidated),Q8(Deamidated),Q1(Deamidated)	123	7.09E-12	1	1561.771	0.21	Pupa	3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_17850	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q2(Deamidated)	77	3.00E-07	1	1043.587	2.07	Larva	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_17955	GSLEDQVVQTNPVLEAFGNAKTVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	1.64E-08	1	2572.341	1.84	Visceras	3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-49462797;3R:+:49462726-462726-49462797	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_17988	EEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000116916	2	1053.448	0.02	Pupa	3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-479023-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_18055	AEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated), Q7(Deamidated),Q7(Deamidated),Q9(Deamidated),Q3(Deamidated)	82	5.04E-08	1	1284.587	4.23	Head	3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_18063	LAQEEDARNQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	118	2.74E-11	1	1790.905	1.17	Head	3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_18232	TAEELQAAEDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated)	98	1.82E-09	1	1204.569	-0.09	Head	3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;

JHU_Ag_18315	LSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N5(Deamidated)	82	1.21E-07	2	1159.632	-0.02	Male reproductive organs	3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_18406	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.34E-07	1	1301.695	-0.22	Visceras	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322	exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PC;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PD;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PE;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PF;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PG;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PH;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PI;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PK

JHU_Ag_18430	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N17(Deamidated),N7(Deamidated)	175	3.52E-17	1	2036.071	2.34	Head	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;

JHU_Ag_18515	ALDSMQASLEAEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	118	2.12E-11	1	1479.704	2.8	Malpighian tubule	3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;

JHU_Ag_18729	LEQEIGSQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	61	1.67E-05	1	1031.538	1.24	Visceras	3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_18937	KLESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	175	3.66E-17	1	2425.259	5.53	Head	3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_18944	LRTWAWWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.003315284	1	1146.620	-1.01	Visceras	3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596;3R:+:49473573-49473596	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_18960	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	5.77E-06	1	1133.605	0.5	Male reproductive organs	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_18969	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	109	1.96E-10	2	1574.793	1.43	Salivary gland	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;

JHU_Ag_19230	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N9(Deamidated), C15(Carbamidomethyl),C15(Carbamidomethyl)	101	1.46E-09	2	1718.850	0.62	Male reproductive organs	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;

JHU_Ag_19520	KDENAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	35	0.004143362	1	833.402	1.88	Head	3R:+:49462702-49462722;3R:+:49462702-49462722;3R:+:49462702-49462722;

JHU_Ag_19694	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated),C15(Carbamidomethyl),"Q2(Deamidated),C15(Carbamidomethyl)","N3(Deamidated),C15(Carbamidomethyl)","Q2(Deamidated),N3(Deamidated),C15(Carbamidomethyl)","N9(Deamidated),C15(Carbamidomethyl)",C15(Carbamidomethyl)	137	3.98E-13	1	1718.849	0.12	Pupa	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_19752	IEELEEEVEAERQAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	9.66E-07	1	1829.897	4.94	Malpighian tubule	3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302;3R:+:49476258-49476302	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_19878	TAEELQAAEDKVNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N16(Deamidated),N13(Deamidated)	101	1.05E-09	1	1909.967	2.83	Larva	3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;

JHU_Ag_19928	KVEGDLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.001594999	1	788.453	1.71	Visceras	3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;

JHU_Ag_20319	PKPPVQVGEDPDPTEFLFVSLEQKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	68	9.13E-07	1	2894.531	12.97	Midgut	3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_20373	LAQEEDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	4.75E-05	1	931.447	-1.53	Head	3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_20401	QAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	4.40E-07	1	2852.368	0.73	Male reproductive organs	3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;

JHU_Ag_20522	ELEQTVLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	60	1.15E-05	1	1115.641	-0.71	Midgut	3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;

JHU_Ag_20599	GAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.03E-07	1	1174.574	-0.33	Male reproductive organs	3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_20638	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	84	7.02E-08	1	1361.709	0	Head	3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_20732	ANALQNELEESRTLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	3.88E-07	1	2300.151	1.59	Head	3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;

JHU_Ag_20789	ELTFQSEEDRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	2.82E-08	1	1381.659	-0.61	Pupa	3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;

JHU_Ag_20986	DLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	2.98E-06	2	1172.596	4.44	Larva	3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_21256	NLEHDLDNLREQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	154	5.49E-15	1	2367.112	2.58	Visceras	3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_21275	IHFTGSGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.000192 89	1	846.446	-0.68	Midgut	3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK
JHU_Ag_21306	RQIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	126	2.44E-12	1	1797.970	-0.6	Head	3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_21318	SYHIFYQIMSGSVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	75	6.17E-07	2	1675.823	4.86	Ovary	3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;

JHU_Ag_21445	AGVLGQMEEFRDER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	89	2.11E-08	1	1652.768	-0.99	Visceras	3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_21686	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	8.33E-07	1	1043.586	1.72	Malpighian tubule	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_21778	QLQHTLNEVQSKLDETNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.00405357	1	2153.092	-1.06	Ovary	3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_21848	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation)	122	1.17E-11	1	2397.159	3.75	Malpighian tubule	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_21855	TLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	5.60E-05	2	1010.479	0.03	Midgut	3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_21886	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	119	1.29E-11	1	1435.773	3.17	Pupa	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_21914	EQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000307391	1	931.482	-3.09	Head	3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_22045	ELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	3.36E-05	2	1253.563	-1.26	Midgut	3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_22070	LEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	134	5.61E-13	1	1907.971	0.26	Head	3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_22126	ELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	43	0.000595368	2	1253.565	0.01	Male reproductive organs	3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_22179	IIGEWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.001633664	2	745.426	1.67	Larva	3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_22438	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	89	1.89E-08	1	1117.575	1.03	Visceras	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_22473	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	88	2.73E-08	1	1718.851	1.18	Ovary	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;

JHU_Ag_22739	IEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	111	1.27E-10	2	1474.695	2.82	Midgut	3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;

JHU_Ag_22847	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	65	3.81E-06	2	1002.484	-0.74	Visceras	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;

JHU_Ag_23178	RANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	6.75E-07	1	1529.774	4.65	Malpighian tubule	3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;

JHU_Ag_23356	VIAYFATIGASGKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	5.81E-07	1	1425.813	1.98	Larva	3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;

JHU_Ag_23662	RYQQQLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated)	41	0.00101688	1	964.515	-5.92	Head	3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;

JHU_Ag_23766	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	135	5.96E-13	1	1718.855	3.32	Head	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_23976	GALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	3.80E-06	1	1065.524	2.3	Malpighian tubule	3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_24036	ALDSMQASLEAEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation),Q6(Deamidated),"M5(Oxidation), Q6(Deamidated)"	135	4.44E-13	1	1463.706	0.69	Pupa	3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;

JHU_Ag_24169	IHFTGSGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	3.31E-05	1	846.447	0.33	Visceras	3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK
JHU_Ag_24275	ELEELGERLEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	145	4.22E-14	1	2586.306	6.37	Malpighian tubule	3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_24287	LEEAGGATSAQIELNKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	109	1.36E-10	1	1758.923	-0.1	Pupa	3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;

JHU_Ag_24349	DVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	5.25E-08	1	1303.617	3.12	Malpighian tubule	3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;

JHU_Ag_24535	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q1(Deamidated)	117	2.31E-11	1	1641.873	2.27	Head	3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;

JHU_Ag_24642	SYHIFYQIMSGSVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	95	6.02E-09	2	1675.825	6.25	Malpighian tubule	3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;

JHU_Ag_24968	RQIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	118	1.35E-11	1	1797.975	2.53	Visceras	3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_25154	AFDKIIGEWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	3.69E-07	1	1206.651	-0.32	Male reproductive organs	3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_25198	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	90	1.56E-08	1	1133.608	2.7	Pupa	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_25225	QAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N14(Deamidated)	150	1.58E-14	1	2852.373	2.66	Malpighian tubule	3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_25369	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	57	4.65E-05	2	945.502	1.7	Larva	3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_25522	LATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	113	6.78E-11	1	1629.834	0.5	Salivary gland	3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_25750	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	122	6.94E-12	1	1435.774	4.45	Larva	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;

JHU_Ag_25865	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	3.27E-05	2	1287.730	2.64	Ovary	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_25939	LDEAESNALKGGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000343039	2	1331.683	2.3	Ovary	3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_26114	NLEHDLDNLREQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	162	9.77E-16	1	2367.102	-1.55	Midgut	3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;

JHU_Ag_26481	ATDQTFAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	62	6.00E-06	1	1010.478	-0.64	Head	3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;

JHU_Ag_26608	VRELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	79	2.17E-07	1	1589.777	0.48	Male reproductive organs	3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_26615	AQEAYEKEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	39	0.001561168	2	1224.577	2.35	Ovary	3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_26672	LMTNHLGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M2(Oxidation)	55	2.61E-05	1	929.488	0.26	Visceras	3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_26888	ASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.00028407	2	961.494	-0.48	Midgut	3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_27005	GALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	73	8.71E-07	1	1065.521	-0.1	Visceras	3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;

JHU_Ag_27090	ASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000437951	2	961.500	4.73	Larva	3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_27138	NLADEVKDLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	150	1.47E-14	1	1941.998	5.09	Head	3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_27155	AQEAYEKEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	1.90E-05	1	1224.574	-0.44	Midgut	3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_27201	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.28E-06	2	1117.577	2.89	Malpighian tubule	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_27232	AQQELEEAEERADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	171	1.21E-16	1	2330.124	5.76	Malpighian tubule	3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-480071-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_27257	KLESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	174	4.90E-17	1	2425.241	-1.86	Midgut	3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-479561-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_27294	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	94	6.10E-09	1	1345.716	1.3	Ovary	3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_27414	TALLDSLSGEKGALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	150	1.24E-14	1	2180.114	2.62	Visceras	3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_27505	LTAQKNDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000671 97	1	1542.829	3.25	Malpighian tubule	3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_27646	NLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	7.13E-06	1	1238.616	3.08	Ovary	3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_27677	NLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	3.85E-06	1	1238.612	0.03	Male reproductive organs	3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;

JHU_Ag_27684	DQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C11(Carbamidomethyl),"N5(Deamidated),C11(Carbamidomethyl)"	102	9.68E-10	1	1291.631	0.01	Pupa	3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;

JHU_Ag_28007	NKDPLNDTVVDQFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	73	9.45E-07	1	1632.827	2.74	Midgut	3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;

JHU_Ag_28286	EEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	34	0.002434602	2	1053.448	-0.68	Larva	3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;

JHU_Ag_28374	RNEVPPHLFAVSDGAYVNMLTNHEN QSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation), M28(Oxidation),M28(Oxidation)	190	9.21E-19	1	4083.958	-1.75	Visceras	3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_28483	LEEAGGATSAQIELNKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	3.75E-13	1	1758.928	2.68	Head	3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413;3R:+:49476363-49476413	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_28557	ASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	39	0.002518044	2	961.496	0.79	Pupa	3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_28571	NYSTELFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000307621	2	1029.500	0.04	Male reproductive organs	3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_28834	IEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	99	1.99E-09	1	1474.692	0.91	Male reproductive organs	3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_29068	KHNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	174	5.15E-17	1	2055.974	-1.01	Visceras	3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_29313	AEELEEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000710312	2	918.445	4.31	Malpighian tubule	3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_29326	STQPHFVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	4.14E-05	1	971.506	-0.11	Midgut	3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_29351	LESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	162	8.42E-16	1	2297.158	3.15	Visceras	3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_29413	KVIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	78	9.28E-08	1	1425.809	-0.85	Visceras	3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701;3R:+:49462660-49462701	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_29654	LEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	2.51E-10	2	1689.819	0.77	Male reproductive organs	3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;

JHU_Ag_29897	DVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated),Q3(Deamidated)	98	1.80E-09	1	1304.597	0.53	Head	3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;

JHU_Ag_30046	PKPPVQVGEDPDPTEFLFVSLEQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	156	2.00E-15	1	2738.426	12.15	Midgut	3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_30213	NYSTELFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	8.75E-05	1	1029.504	4.3	Malpighian tubule	3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_30261	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	2.75E-06	1	1043.582	-2.61	Midgut	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-478966-49478992	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_30384	ELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	4.46E-06	1	1253.564	-0.48	Pupa	3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-479921-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_30462	YPLYTNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.00060635	1	926.476	3.51	Larva	3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;

JHU_Ag_30772	QLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q11(Deamidated),Q8(Deamidated),Q1(Deamidated)	123	7.23E-12	1	1561.770	-0.34	Head	3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_30796	LEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	121	1.50E-11	1	1689.826	4.6	Larva	3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_31043	RYQQQLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.000904103	1	963.537	-0.53	Visceras	3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329;3R:+:49479309-49479329	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_31104	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	119	1.35E-11	1	1435.772	2.49	Visceras	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_31385	AQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	79	1.11E-07	1	1331.612	3.24	Larva	3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-480071-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_31402	QLQHTLNEVQSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	2.76E-06	2	1424.749	0.12	Male reproductive organs	3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-478036-49478071	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_31467	GSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	130	1.55E-12	1	2216.126	2.96	Malpighian tubule	3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_31672	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	118	1.20E-11	2	1297.717	1.61	Visceras	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_31714	ELEELGER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	5.55E-05	1	974.480	0.91	Head	3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;

JHU_Ag_31867	LADEEAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000292597	2	803.390	0.65	Midgut	3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_31898	VDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	6.07E-06	2	1374.674	-0.58	Salivary gland	3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_31935	ATDQTFAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	5.89E-07	1	1010.480	1	Visceras	3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_31941	DDAREQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	9.94E-07	1	1388.677	0.2	Male reproductive organs	3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_31959	VISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.62E-07	1	1073.598	3.21	Visceras	3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;

JHU_Ag_32119	ELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	35	0.003392712	2	1253.567	1.66	Larva	3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_32180	IKELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	9.82E-05	1	1494.744	0.28	Male reproductive organs	3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_32254	LDEAESNALK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	9.08E-06	2	1089.546	3.01	Ovary	3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;

JHU_Ag_32729	ASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	69	2.34E-06	2	961.493	-2	Head	3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_32816	EQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	48	0.000304121	1	1304.688	0.18	Ovary	3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_32824	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	94	8.01E-09	2	1017.522	0.53	Visceras	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_33038	VKPLLNVSR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	3.63E-05	1	1025.650	3.23	Ovary	3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_33173	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	8.63E-08	1	1117.578	3.87	Head	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;

JHU_Ag_33473	NEVPPHLFAVSDGAYVNMLTNHENQSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation),M27(Oxidation),"M18(Oxidation), M27(Oxidation)"	182	6.86E-18	1	3943.865	1.53	Head	3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_33531	KCNETLDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	52	0.000101541	2	1108.531	0.86	Visceras	3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486;3R:+:49466460-49466486	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_33534	NEVPPHLFAVSDGAYVNMLTNHENQSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation), M27(Oxidation)	92	7.73E-09	1	3959.871	4.29	Ovary	3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;

JHU_Ag_33565	ANAEAQLWR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N2(Deamidated)	81	1.19E-07	1	1058.537	-0.51	Visceras	3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;

JHU_Ag_33654	LEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	104	6.57E-10	2	1630.834	3.41	Malpighian tubule	3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;

JHU_Ag_33690	LADELR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.004321515	2	716.393	-0.92	Larva	3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686;3R:+:49479669-49479686	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_33719	LEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	125	4.57E-12	1	1630.830	0.72	Male reproductive organs	3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_33733	NLADEVKDLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	150	1.47E-14	1	1941.992	2.26	Visceras	3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_33759	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	57	2.58E-05	2	1001.504	2.61	Larva	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_34181	DAEDLELQIQKIEQDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	138	2.28E-13	1	1914.971	2.58	Pupa	3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;

JHU_Ag_34463	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q1(Deamidated), N12(Deamidated),Q1(Deamidated)	110	1.26E-10	1	1641.872	1.75	Pupa	3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;

JHU_Ag_34554	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.55E-06	2	1017.525	3.53	Larva	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;

JHU_Ag_34627	QLQHTLNEVQSKLDETNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	89	1.62E-08	1	2153.099	2	Head	3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_34666	AEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated),Q9(Deamidated),Q7(Deamidated),Q3(Deamidated)	79	1.19E-07	1	1284.582	0.24	Malpighian tubule	3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_34841	ACWVPEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	43	0.000489579	2	1018.466	-0.24	Male reproductive organs	3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_34879	VDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	121	1.32E-11	2	1374.674	-0.75	Visceras	3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_34942	ELEQTVLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	5.67E-05	2	987.545	-1.73	Head	3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;

JHU_Ag_35423	ISLTQQLEDTKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	103	5.69E-10	1	1431.781	0.48	Male reproductive organs	3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_35499	TLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	5.04E-05	2	1010.482	2.93	Ovary	3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_35594	NLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.44E-07	1	1238.612	-0.47	Visceras	3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;

JHU_Ag_35799	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	120	1.51E-11	1	1574.797	3.6	Larva	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_35812	DELQAALEEAEAALEQEENK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	114	5.82E-11	1	2230.047	4.96	Midgut	3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_35883	SKYESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	6.65E-05	1	1125.558	3.9	Larva	3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_35931	DELQAALEEAEAALEQEENK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	76	3.46E-07	3	2230.047	5.15	Larva	3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_35959	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated)	170	1.06E-16	1	2036.070	1.86	Pupa	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;

JHU_Ag_36106	HNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q11(Deamidated),M8(Oxidation)	163	6.66E-16	1	1927.881	-0.19	Visceras	3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_36122	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	9.71E-06	2	1117.575	1.69	Larva	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_36223	KALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	3.21E-05	2	957.573	0.32	Visceras	3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;

JHU_Ag_36276	RANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	76	3.67E-07	1	1529.772	3.38	Larva	3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;

JHU_Ag_36302	LADEEAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	0.000129177	1	803.391	1.42	Head	3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_36369	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q4(Deamidated)	87	2.89E-08	1	1301.694	-0.5	Pupa	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322	exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PC;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PD;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PE;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PF;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PG;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PH;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PI;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PK

JHU_Ag_36403	ADIAEQAATKFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.002712995	1	1320.695	3.21	Malpighian tubule	3R:+:49480104-49480139;3R:+:49480104-49480139;3R:+:49480104-49480139;

JHU_Ag_36469	ASSIANAAEKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000303 28	1	1089.592	1.99	Head	3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_36833	DELQAALEEAEAALEQEENK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	123	8.54E-12	1	2230.042	2.55	Malpighian tubule	3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956;3R:+:49478897-49478956	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_36850	DVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	2.54E-08	1	1303.613	0.16	Male reproductive organs	3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_36880	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	73	5.86E-07	2	1334.612	3.48	Malpighian tubule	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_36883	ALDSMQASLEAEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	124	6.41E-12	1	1479.704	3.05	Larva	3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_36909	YPLYTNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000616328	1	926.473	-0.31	Ovary	3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_37164	ISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	92	9.87E-09	2	1275.681	1.44	Ovary	3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;

JHU_Ag_37386	YPLYTNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000662 63	1	926.472	-0.84	Midgut	3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;

JHU_Ag_37481	CIALEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C1(Carbamidomethyl)	44	0.000704747	2	733.390	-1.14	Visceras	3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_37651	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	97	1.58E-09	1	1297.716	0.39	Ovary	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_37882	MQDLVDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	54	6.84E-05	1	848.418	-0.22	Head	3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_37947	ELEQTVLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	6.64E-05	1	1115.643	0.6	Larva	3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_37981	KGAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000275307	1	1302.668	-0.77	Midgut	3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;

JHU_Ag_38155	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	8.95E-08	1	1301.699	3.06	Malpighian tubule	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-

JHU_Ag_38380	ISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	73	8.03E-07	2	1275.679	0.1	Salivary gland	3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;

JHU_Ag_38425	DVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	92	1.07E-08	1	1303.617	3.34	Larva	3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;

JHU_Ag_38550	CNETLDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C1(Carbamidomethyl)	66	2.28E-06	2	980.436	0.41	Visceras	3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_38773	QAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	104	5.44E-10	1	2852.376	3.43	Larva	3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_38980	LAQEEDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	5.06E-05	1	931.453	5.68	Malpighian tubule	3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;

JHU_Ag_39099	DVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	90	1.46E-08	1	1303.620	5.37	Midgut	3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;

JHU_Ag_39263	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation), Q2(Deamidated),M1(Oxidation),"M1(Oxidation), Q9(Deamidated)"	93	8.08E-09	1	1345.715	0.49	Pupa	3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_39284	LATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	124	6.04E-12	2	1629.837	2.6	Larva	3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_39363	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated)	165	5.56E-16	1	1922.962	2.66	Visceras	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;

JHU_Ag_39452	ISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	93	8.70E-09	2	1275.676	-2.29	Midgut	3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;

JHU_Ag_39530	EGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000275359	1	1007.540	-0.91	Midgut	3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_39748	TALLDSLSGEKGALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	57	2.82E-05	1	2180.111	1.11	Male reproductive organs	3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_39788	ASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	69	2.50E-06	1	961.498	2.89	Malpighian tubule	3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617;3R:+:49478588-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_40008	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000208099	2	1061.587	3.35	Ovary	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_40017	ELEQTVLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.001150889	1	1115.642	-0.16	Ovary	3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_40607	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	3.42E-06	2	1001.501	-0.01	Midgut	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_40611	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	86	3.47E-08	1	1641.871	0.79	Male reproductive organs	3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-480017-49480061;3R:+:49480017-480017-49480061	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_40645	ELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	61	8.17E-06	1	1253.564	-0.77	Head	3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-49479950;3R:+:49479921-479921-49479950;3R:+:49479921-479921-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_40744	ACWVPEEKEGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	99	2.37E-09	1	2006.995	2.86	Head	3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_41077	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000277296	2	1017.526	4.61	Ovary	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_41152	VIAYFATIGASGKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	69	6.62E-07	1	1425.818	5.75	Malpighian tubule	3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;

JHU_Ag_41250	QRADLAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000679818	1	829.462	-1.99	Visceras	3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_41308	TLLEQADRGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	5.13E-05	1	1158.622	-0.22	Pupa	3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_41561	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	170	1.70E-16	1	1922.960	1.89	Ovary	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;

JHU_Ag_41689	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation)	88	2.66E-08	1	2397.155	1.69	Ovary	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;

JHU_Ag_41705	VDDLAAELDASQKECR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	92	8.49E-09	1	1819.850	0.2	Pupa	3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;

JHU_Ag_41826	EEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000168783	2	1053.449	0.6	Visceras	3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;

JHU_Ag_41951	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	122	6.52E-12	1	1435.773	3.17	Head	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;

JHU_Ag_42228	QLQHTLNEVQSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	2.55E-06	2	1424.754	3.64	Ovary	3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;

JHU_Ag_42302	NLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated),N8(Deamidated)	76	4.34E-07	1	1238.613	0.52	Pupa	3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;

JHU_Ag_42525	KAQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	98	2.78E-09	2	1459.707	3.37	Head	3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_42728	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated)	72	1.19E-06	2	1017.523	2.09	Pupa	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_42876	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N15(Deamidated),N6(Deamidated),Q8(Deamidated)	165	5.71E-16	1	1922.957	0.31	Pupa	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_42941	LEAEKDELQAALEEAEAALEQEENK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	188	2.78E-18	1	2800.330	-2.45	Midgut	3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_43111	QLQHTLNEVQSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	1.92E-07	2	1424.754	3.12	Malpighian tubule	3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;

JHU_Ag_43342	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	0.000147333	1	1017.521	-0.17	Midgut	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_43352	VKPLLNVSR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	3.45E-06	1	1025.646	-0.7	Visceras	3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_43364	EQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	1.98E-06	2	1147.511	-0.64	Pupa	3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_43479	LEADINELEIALDHANKANAEAQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	125	3.62E-12	1	2620.334	4.62	Visceras	49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-

JHU_Ag_43754	DAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	7.90E-08	2	1301.662	2.89	Malpighian tubule	3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;

JHU_Ag_44117	AQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	5.55E-08	1	1331.603	-3.27	Salivary gland	3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-480071-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_44222	GAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	117	2.83E-11	1	1578.741	0.64	Ovary	3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-478741-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_44275	LADELRAEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	116	4.03E-11	1	1981.957	-0.14	Visceras	3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;

JHU_Ag_44331	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	6.95E-06	1	1301.695	0.06	Midgut	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-

JHU_Ag_44815	LATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q9(Deamidated)	124	5.51E-12	2	1629.834	0.73	Head	3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_44960	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	0.000122416	2	1133.607	1.73	Salivary gland	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_45010	DPLNDTVVDQFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	90	1.77E-08	2	1390.690	3.53	Midgut	3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_45083	TAEELQAAEDKVNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N13(Deamidated)	123	6.46E-12	1	1909.961	-0.13	Head	3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_45165	LDEAESNALK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	0.000133126	2	1089.544	1.89	Larva	3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_45203	LDEAESNALKGGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated)	110	2.16E-10	1	1331.680	-0.27	Pupa	3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_45273	DPLNDTVVDQFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	3.13E-10	1	1390.690	3.53	Visceras	3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_45337	NLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	73	7.18E-07	1	1238.612	-0.76	Midgut	3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_45339	NLEHDLDNLREQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	94	6.42E-09	1	2367.116	4.4	Larva	3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;

JHU_Ag_45474	LESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	3.74E-13	1	2297.161	4.51	Ovary	3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_45783	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	4.08E-06	1	1734.841	0.41	Ovary	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_45817	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q2(Deamidated),N10(Deamidated)	101	1.18E-09	1	1551.726	-1.45	Pupa	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_45867	AGVLGQMEEFRDER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	72	1.04E-06	1	1652.775	3.33	Malpighian tubule	3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_45869	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	2.67E-07	1	1061.583	-0.67	Visceras	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;

JHU_Ag_46463	NYSTELFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	51	6.27E-05	1	1029.499	-1.32	Head	3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;

JHU_Ag_46574	RANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated),N7(Deamidated),N3(Deamidated)	86	3.91E-08	1	1530.749	-1.02	Head	3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_46669	ELEQTVLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	56	4.66E-05	2	987.544	-2.66	Pupa	3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_46991	EQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000276	2	931.483	-1.27	Pupa	3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;

JHU_Ag_47217	TAEELQAAEDKVNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	2.64E-06	1	1909.962	0.34	Salivary gland	3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;

JHU_Ag_47318	LADELRAEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q13(Deamidated),Q9(Deamidated),Q15(Deamidated)	108	2.48E-10	1	1982.942	0.23	Pupa	3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_47363	ACWVPEEKEGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	125	5.32E-12	1	2006.991	0.76	Visceras	3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_47394	ELEELGER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	4.34E-05	2	974.479	-0.11	Midgut	3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;

JHU_Ag_47414	SKYESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	1.19E-06	1	1125.553	-0.22	Visceras	3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_47472	LADELRAEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	2.86E-06	1	1981.957	-0.32	Salivary gland	3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_47499	AFDKIIGEWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	90	1.22E-08	1	1206.657	4.54	Malpighian tubule	3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_47520	LSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N5(Deamidated)	84	6.93E-08	2	1159.633	1.46	Visceras	3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_47787	EQVEEEAEGKGDIQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	125	4.11E-12	1	1716.806	1.66	Male reproductive organs	3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_47789	TWAWWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.00112788	1	877.436	0.17	Visceras	3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_47814	EQVEEEAEGKGDIQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	140	1.58E-13	1	1716.809	3.37	Larva	3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_47836	KLESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	136	2.82E-13	1	2425.261	6.13	Malpighian tubule	3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_47881	VISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	3.76E-06	1	1073.597	1.73	Malpighian tubule	3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK
JHU_Ag_47939	NDLENQLRDTQER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	0.000102914	1	1630.783	2.83	Malpighian tubule	49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-

JHU_Ag_48082	LATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q9(Deamidated)	124	5.87E-12	2	1629.833	-0.02	Pupa	3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_48088	QAEQELSDAHEQLNEVSAQNASIAAAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	130	1.61E-12	1	3008.474	2.44	Head	3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_48103	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	100	7.89E-10	2	1297.723	5.75	Malpighian tubule	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;

JHU_Ag_48291	VEDQIAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000165959	2	802.429	-1.63	Head	49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49	exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PC;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PD;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PE;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PF;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PG;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PH;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PI;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PK
JHU_Ag_48502	GAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q7(Deamidated),Q9(Deamidated)	127	2.61E-12	1	1578.739	-0.21	Pupa	3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_48673	QAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	145	4.32E-14	1	2852.361	-1.71	Midgut	3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_48736	GSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	117	2.83E-11	1	2216.130	4.61	Larva	3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_48819	QLQHTLNEVQSKLDETNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	107	2.48E-10	1	2153.110	7.01	Malpighian tubule	3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089;3R:+:49478036-49478089	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_48868	EQVEEEAEGKGDIQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	98	2.53E-09	1	1716.801	-1.4	Midgut	3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_48878	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M2(Oxidation), M5(Oxidation), C9(Carbamidomethyl)	64	1.89E-06	1	1400.592	1.12	Salivary gland	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_48935	AIQKLEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	1.48E-05	1	985.581	2.37	Malpighian tubule	3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_48960	LSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	1.62E-07	2	1159.631	-0.54	Head	3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_49062	DQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C11(Carbamidomethyl)	75	6.17E-07	2	1291.637	4.64	Malpighian tubule	3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_49100	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated),M7(Oxidation)	98	2.66E-09	1	1236.606	1.25	Pupa	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_49314	AQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	96	1.99E-09	1	1331.605	-1.53	Midgut	3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_49482	CNETLDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C1(Carbamidomethyl)	46	0.000243016	2	980.437	1.78	Malpighian tubule	3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486;3R:+:49466463-49466486	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_49608	KDAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	102	7.55E-10	1	1429.755	0.83	Male reproductive organs	3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_49664	ACWVPEEKEGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	49	0.000233236	1	2006.990	0.49	Male reproductive organs	3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_49667	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated)	166	2.89E-16	1	2036.062	-1.74	Midgut	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_49668	AEELEEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	56	4.57E-05	1	918.443	1.4	Head	3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_49674	LLAEKTALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	35	0.001604264	3	1687.953	3.11	Malpighian tubule	3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_49720	LKGAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	139	1.80E-13	1	1819.921	1.45	Visceras	3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_49848	LEQEIGSQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000845963	2	1031.537	0.22	Head	3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768;3R:+:49475742-49475768	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_49934	SKYESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000681371	2	1125.554	-0.01	Male reproductive organs	3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_49970	GAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	89	2.18E-08	1	1174.576	1.54	Visceras	3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_50127	AQQELEEAEERADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	130	1.89E-12	1	2330.117	2.85	Midgut	3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_50182	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000516929	1	1017.523	1.99	Malpighian tubule	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_50266	NQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.000160 63	1	878.476	3.63	Larva	3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_50505	ELEQTVLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000265 617	2	987.547	-0.06	Midgut	3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_50606	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	5.65E-06	2	1133.607	2.27	Malpighian tubule	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_50660	LEADINELEIALDHANKANAEAQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	137	2.48E-13	1	2620.327	2.24	Pupa	49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-49479187,49479279-49479299;3R:+:49479137-

JHU_Ag_50749	RDLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	145	4.09E-14	1	2079.058	0.17	Visceras	3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;

JHU_Ag_50810	ATLLGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.000867799	1	602.389	3.02	Malpighian tubule	3R:+:49478264-49478281;3R:+:49478264-49478281;3R:+:49478264-49478281;

JHU_Ag_51029	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	62	1.36E-05	2	945.500	-0.05	Midgut	3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;

JHU_Ag_51109	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N3(Deamidated)	144	5.14E-14	1	2121.093	-0.12	Visceras	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_51388	ELEELGERLEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	158	1.89E-15	1	2586.299	3.54	Head	3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_51389	LAGADIETYLLEKAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	136	1.85E-13	1	1662.913	4.03	Malpighian tubule	3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;3R:+:49462946-49462990;462946-49462990	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK
JHU_Ag_51649	ISLTQQLEDTKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated),Q6(Deamidated)	103	5.61E-10	1	1431.781	0.65	Pupa	3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;478201-49478236	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_51664	GAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	117	2.93E-11	1	1578.743	2.19	Salivary gland	3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_51717	LAQEEDARNQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	2.90E-10	1	1790.916	7.17	Malpighian tubule	3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_51745	ISLTQQLEDTKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	103	6.54E-10	1	1431.780	-0.03	Visceras	3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_51843	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	80	1.70E-07	1	1236.605	0.46	Ovary	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_51938	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	100	1.68E-09	1	1345.715	0.4	Visceras	3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_52046	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q13(Deamidated),N12(Deamidated)	117	3.31E-11	1	1574.797	4.07	Midgut	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_52244	FRNLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N3(Deamidated)	78	2.26E-07	2	1541.787	3.12	Pupa	3R:+:49478282-49478317;3R:+:49478282-49478317;3R:+:49478282-49478317;

JHU_Ag_52324	KGSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	131	8.62E-13	1	2344.225	4.64	Salivary gland	3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;

JHU_Ag_52680	LESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	116	2.86E-11	1	2297.158	2.91	Malpighian tubule	3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_52774	KAQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	43	0.000628709	2	1459.699	-2.23	Salivary gland	3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_52908	LESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	132	8.81E-13	1	2297.160	3.87	Midgut	3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_53051	PKPPVQVGEDPDPTEFLFVSLEQKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	87	1.13E-08	1	2894.533	13.48	Malpighian tubule	3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_53075	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C9(Carbamidomethyl),"M2(Oxidation), M5(Oxidation), C9(Carbamidomethyl)","M2(Oxidation), C9(Carbamidomethyl)"	70	5.21E-07	1	1400.592	0.68	Midgut	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_53303	AKLEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	141	1.40E-13	1	1888.950	-0.09	Midgut	3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_53341	ISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	92	1.24E-08	1	1275.679	-0.28	Pupa	3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;

JHU_Ag_53530	VDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	86	3.89E-08	1	1374.675	0.22	Male reproductive organs	3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_53603	GAGFATVSSSYKEQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation)	38	0.002246574	1	2476.243	1.53	Salivary gland	3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_53779	NKDPLNDTVVDQFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.86E-10	1	1632.828	3.11	Ovary	3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_53860	AQQELEEAEERADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q2(Deamidated),Q3(Deamidated)	172	1.04E-16	1	2330.113	1.04	Pupa	3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_53866	ASSIANAAEKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000182324	2	1089.589	-0.59	Salivary gland	3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620;3R:+:49478588-49478620	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_53897	QLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.69E-10	2	1561.770	-0.49	Midgut	3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_53977	IHFTGSGKLAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	113	3.73E-11	1	2263.207	4.59	Malpighian tubule	3R:+:49462922-49462984;3R:+:49462922-49462984;3R:+:49462922-49462984;

JHU_Ag_54810	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	4.65E-07	1	1133.602	-2.26	Midgut	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_54994	DDAREQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	5.75E-07	1	1388.677	0.29	Pupa	3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_54997	MMYPDFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M2(Oxidation),"M1(Oxidation),M2(Oxidation)",M1(Oxidation)	42	0.000237162	2	947.400	-0.57	Pupa	3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_55003	ITSAVMHMGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation),M8(Oxidation)	36	0.004061855	1	1134.544	3.97	Larva	3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_55346	AEELEEAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	9.31E-05	1	1074.542	-0.22	Ovary	3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_55384	LDEAESNALKGGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	103	1.12E-09	1	1331.680	0.01	Head	3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_55486	KGSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	139	1.45E-13	1	2344.210	-2.07	Midgut	3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;

JHU_Ag_55616	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	91	6.67E-09	1	1287.729	1.79	Head	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_55879	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	86	3.04E-08	2	1334.607	-0.36	Visceras	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_55908	ELEQTVLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	0.000110219	2	987.547	-0.18	Visceras	3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_55920	NEVPPHLFAVSDGAYVNMLTNHENQSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation), M27(Oxidation)	42	0.000698899	1	3959.846	-2	Midgut	3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_55969	GALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000936896	1	1065.523	1.62	Larva	3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;

JHU_Ag_56089	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	133	5.14E-13	1	2036.067	0.45	Male reproductive organs	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_56110	NIHEIEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	9.98E-05	1	882.471	2.92	Malpighian tubule	3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869;3R:+:49478849-49478869	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_56142	GAGFATVSSSYKEQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q14(Deamidated),N17(Deamidated),"Q14(Deamidated), M19(Oxidation)",M19(Oxidation),"N16(Deamidated), M19(Oxidation)","N17(Deamidated), M19(Oxidation)",N16(Deamidated)	152	9.17E-15	1	2460.251	2.85	Pupa	3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_56153	TWAWWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.003343974	1	877.436	0.1	Midgut	3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_56214	LEQTLDELEDSLEREK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	105	5.77E-10	1	1946.958	1.55	Head	3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_56354	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	145	3.74E-14	1	2121.093	-0.46	Head	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_56402	LTAQKNDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated)	53	6.50E-05	1	1543.806	-1.26	Visceras	3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517;3R:+:49475479-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_56700	PKPPVQVGEDPDPTEFLFVSLEQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated)	145	3.57E-14	1	2696.392	3.83	Pupa	3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_56845	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000473817	1	1061.587	3.01	Malpighian tubule	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-476165-49476194	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_57150	RQAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	5.62E-07	1	3008.476	3.17	Larva	3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-479474-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_57229	ELEQTVLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	7.12E-05	1	1115.645	2.68	Male reproductive organs	3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_57249	HNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N2(Deamidated),M8(Oxidation),Q14(Deamidated),"M8(Oxidation),Q14(Deamidated)",Q11(Deamidated),N2(Deamidated),"M8(Oxidation),Q11(Deamidated),Q14(Deamidated),N16(Deamidated)","M8(Oxidation),Q11(Deamidated)",N16(Deamidated),M8(Oxidation),"M8(Oxidation),N16(Deamidated)"	164	4.44E-16	1	1927.886	2.21	Head	3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_57445	ANAEAQLWR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	1.11E-07	1	1058.538	-0.28	Male reproductive organs	3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;

JHU_Ag_57776	RHADAQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.002542249	2	825.431	-1.86	Head	3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890;3R:+:49479870-49479890	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_58434	LADELRAEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	106	4.39E-10	1	1981.964	3.1	Malpighian tubule	3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_58703	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	2.19E-05	2	1001.501	0.12	Salivary gland	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_58840	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated)	85	3.58E-08	2	1334.608	0.74	Pupa	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_58856	GALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	9.66E-05	1	1065.521	-0.33	Midgut	3R:+:49475443-49475469;3R:+:49475443-49475469;3R:+:49475443-49475469;

JHU_Ag_58962	DLEEANIQHEGTLANLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	1.11E-06	1	2051.054	1.06	Salivary gland	3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_59078	ISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	87	3.66E-08	2	1275.684	4.02	Larva	3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_59351	ALDSMQASLEAEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	127	2.99E-12	2	1463.705	-0.14	Midgut	3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_59636	IHFTGSGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.001319199	1	846.447	0.1	Pupa	3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_59724	DLEEANIQHEGTLANLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	143	9.32E-14	1	2051.048	-1.73	Visceras	3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;

JHU_Ag_59748	YQQQLKDVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	93	7.53E-09	1	2092.030	-0.37	Male reproductive organs	3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_59781	VDDLAAELDASQKECR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	136	3.63E-13	1	1819.852	1.61	Visceras	3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710;3R:+:49478663-49478710	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_59849	STQPHFVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	3.29E-05	1	971.505	-0.68	Visceras	3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;

JHU_Ag_59952	EQVEEEAEGKGDIQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	140	1.59E-13	1	1716.800	-1.82	Pupa	3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_59974	LKVDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	140	1.42E-13	1	1615.861	4.52	Larva	3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_60000	ATDQTFAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	56	2.41E-05	2	1010.480	0.87	Pupa	3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;

JHU_Ag_60147	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	79	1.81E-07	1	1551.735	4.14	Ovary	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;

JHU_Ag_60488	TAEELQAAEDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000323605	2	1204.581	9.74	Ovary	3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;

JHU_Ag_60717	EEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	27	0.003564824	2	1521.592	-0.79	Malpighian tubule	3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;

JHU_Ag_60920	STQPHFVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated)	51	7.00E-05	1	971.500	-6.21	Head	3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_61031	KALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.001933716	1	957.572	-0.38	Midgut	3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_61078	QLQHTLNEVQSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated),N7(Deamidated),Q1(Deamidated),Q3(Deamidated)	82	8.39E-08	2	1425.734	0.8	Pupa	3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;

JHU_Ag_61215	KGSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N20(Deamidated)	156	2.27E-15	1	2344.224	4.25	Malpighian tubule	3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;

JHU_Ag_61472	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	6.20E-05	1	2121.094	-0.01	Salivary gland	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_61542	GSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated),Q9(Deamidated),N19(Deamidated),N11(Deamidated)	132	9.92E-13	1	2216.123	1.63	Head	3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_61596	ALDSMQASLEAEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	116	4.07E-11	1	1479.700	0.16	Male reproductive organs	3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;

JHU_Ag_61604	MMYPDFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	25	0.010216509	1	931.405	-0.54	Midgut	3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_61842	ARVISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.000809517	2	1300.733	-0.3	Head	3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_61905	LAQEEDARNQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	97	3.68E-09	1	1790.905	1.17	Visceras	3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;

JHU_Ag_62053	LDETNRTLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N5(Deamidated),N9(Deamidated)	97	3.01E-09	1	1739.807	-0.59	Pupa	3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_62219	EGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	3.56E-06	2	1007.541	0.05	Pupa	3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_62342	DLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	4.00E-08	1	1172.592	1.53	Visceras	3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_62847	YPLYTNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000655045	1	926.472	-0.64	Pupa	3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_62910	DLEEANIQHEGTLANLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N15(Deamidated),Q8(Deamidated)	138	2.33E-13	1	2051.054	1	Head	3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_62985	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated)	86	3.06E-08	2	1334.609	1.2	Head	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_63121	DAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q8(Deamidated)	92	9.36E-09	2	1301.659	0.82	Ovary	3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;

JHU_Ag_63214	AEELEEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	5.80E-05	2	918.443	1.52	Visceras	3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;

JHU_Ag_63529	EEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	6.66E-09	2	1521.600	4.19	Larva	3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;

JHU_Ag_63685	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	98	2.80E-09	1	1236.607	2.34	Visceras	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_63745	KLEQEIGSQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	5.71E-05	2	1159.632	0.4	Male reproductive organs	3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_63750	IHFTGSGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	3.41E-05	1	846.448	1.27	Head	3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;

JHU_Ag_63846	ISLTQQLEDTKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	103	5.98E-10	1	1431.779	-0.97	Midgut	3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;

JHU_Ag_64013	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N3(Deamidated)	123	8.60E-12	1	1765.879	4.38	Larva	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_64065	IEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.47E-10	2	1474.693	1.66	Pupa	3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_64069	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	1.47E-06	1	1301.694	-0.69	Ovary	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49	exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PC;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PD;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PE;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PF;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PG;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PH;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PI;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PK
JHU_Ag_64070	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	2.99E-08	2	1334.609	1.75	Larva	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_64137	KDAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	115	3.98E-11	1	1429.753	0.07	Pupa	3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;

JHU_Ag_64442	ELEQTVLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	1.39E-05	1	1115.645	2.68	Malpighian tubule	3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_64597	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q7(Deamidated),Q2(Deamidated)	77	2.97E-07	1	1043.586	1.37	Visceras	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_64691	EQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q2(Deamidated), N4(Deamidated), M7(Oxidation),"N4(Deamidated), M7(Oxidation)",Q2(Deamidated),M7(Oxidation)	81	1.39E-07	1	1304.690	1.68	Head	3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_64841	ACWVPEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	53	5.02E-05	1	1018.469	3	Visceras	3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_64913	ELTFQSEEDRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	2.66E-08	1	1381.659	-0.26	Visceras	3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;

JHU_Ag_65008	ITSAVMHMGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation), M8(Oxidation)	51	9.46E-05	2	1102.547	-2.04	Ovary	3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;

JHU_Ag_65069	LEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	4.49E-13	1	1907.970	-0.38	Midgut	3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187;3R:+:49479137-49479187	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_65104	QRLATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.002697714	1	1913.994	0.47	Visceras	3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_65158	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q9(Deamidated),N3(Deamidated)	122	1.32E-11	1	1765.865	-3.64	Midgut	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;

JHU_Ag_65390	ALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	57	3.30E-05	2	829.477	-0.66	Visceras	3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_65611	LESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	5.57E-05	3	2297.164	5.86	Larva	3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_65620	LTQEAVADLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated)	96	4.46E-09	1	1244.653	3.78	Larva	3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_65648	IEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	100	1.30E-09	2	1474.694	1.99	Ovary	3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_65683	GAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	100	1.63E-09	1	1174.573	-1.06	Pupa	3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;

JHU_Ag_65706	NLADEVKDLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	158	2.26E-15	1	1941.989	0.75	Pupa	3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_65834	YQQQLKDVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	127	3.47E-12	1	2092.044	6.51	Malpighian tubule	3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_65908	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	86	3.07E-08	2	1334.610	2.39	Midgut	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;

JHU_Ag_65961	NQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	51	0.000149906	1	878.475	2.03	Visceras	3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_66053	NEVPPHLFAVSDGAYVNMLTNHENQSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation),M27(Oxidation),"M18(Oxidation), M27(Oxidation)"	180	1.25E-17	1	3943.868	2.21	Visceras	3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_66450	ELEELGER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000199012	1	974.481	1.79	Visceras	3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;

JHU_Ag_66678	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N3(Deamidated), M6(Oxidation),M6(Oxidation),N3(Deamidated),Q16(Deamidated)	145	5.42E-14	1	2397.157	2.53	Pupa	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_66680	SYHIFYQIMSGSVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	125	5.02E-12	1	1675.818	1.59	Visceras	3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_66888	AMVDAAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M2(Oxidation)	42	0.001276869	2	733.364	-2.49	Head	3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668;3R:+:49479648-49479668	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_66932	STQPHFVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	7.50E-05	1	971.510	3.85	Larva	3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_66986	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	116	4.58E-11	1	1765.873	0.57	Male reproductive organs	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_67031	ELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	2.73E-05	1	903.479	1.4	Ovary	3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_67063	ISLTQQLEDTKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	103	5.02E-10	1	1431.783	1.93	Salivary gland	3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_67078	DAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	2.53E-08	1	1301.659	0.82	Salivary gland	3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_67206	TALLDSLSGEKGALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	149	1.47E-14	1	2180.117	4.22	Malpighian tubule	3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_67360	KGSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated)	129	1.38E-12	1	2344.226	5.03	Ovary	3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788;3R:+:49462723-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_67416	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	2.70E-05	2	945.503	2.92	Malpighian tubule	3R:+:49479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467;3R:+:479444-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_67491	GSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	0.000245011	2	2216.122	0.98	Salivary gland	3R:+:49462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788;3R:+:462726-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_67584	RANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	2.94E-06	2	1529.767	0.35	Male reproductive organs	3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_67596	AEELEEAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	7.50E-05	1	1074.542	-0.22	Pupa	3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_67652	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	4.10E-07	1	1133.610	4.63	Larva	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_67707	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N15(Deamidated),N6(Deamidated),Q8(Deamidated)	165	5.69E-16	1	1922.958	0.88	Head	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_67717	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation)	119	2.16E-11	1	2413.156	4.44	Larva	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_67731	LKVDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	136	3.25E-13	1	1615.855	0.74	Male reproductive organs	3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_67904	ALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.003029226	2	829.477	-0.96	Larva	3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_67908	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	95	4.71E-09	1	1551.730	0.76	Midgut	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_67988	DAEDLELQIQKIEQDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	155	4.20E-15	1	1914.971	2.96	Head	3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;

JHU_Ag_68649	KAQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated)	98	2.33E-09	1	1459.704	1.11	Pupa	3R:+:49480068-49480103;3R:+:49480068-49480103;3R:+:49480068-49480103;

JHU_Ag_68923	GREEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	84	1.61E-08	1	1734.716	0.13	Male reproductive organs	3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_68941	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	4.78E-07	2	1334.608	0.47	Ovary	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_68950	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q7(Deamidated)	80	1.38E-07	2	943.560	2.55	Ovary	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_68956	VEDQIAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	0.000117057	2	802.430	-0.1	Visceras	49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-

JHU_Ag_68959	KELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	4.46E-05	1	1031.572	-0.98	Pupa	3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;

JHU_Ag_69113	LDEAESNALK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated)	63	1.04E-05	1	1089.542	-0.24	Male reproductive organs	3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_69239	VEDQIAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000867457	2	802.433	3.01	Malpighian tubule	49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-49473653,49475308-49475310;3R:+:49473636-

JHU_Ag_69273	TAEELQAAEDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	82	7.64E-08	1	1204.571	1.12	Larva	3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;

JHU_Ag_69318	AQLELSQVRQEIDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	4.19E-06	1	1684.904	3.54	Pupa	3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_69330	IHFTGSGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.001192094	1	846.447	-0.39	Male reproductive organs	3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_69375	IKELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	87	3.62E-08	1	1494.742	-1.11	Midgut	3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;

JHU_Ag_69529	DLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	80	0.000000119	2	1172.592	0.8	Head	3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_69752	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	76	3.26E-07	1	1252.600	0.91	Salivary gland	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_69757	AQQELEEAEERADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	198	2.32E-19	1	2330.114	1.52	Visceras	3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_70123	ELEELGERLEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	138	1.99E-13	1	2586.287	-0.78	Midgut	3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_70207	EQVEEEAEGKGDIQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	4.55E-08	2	1716.811	4.51	Malpighian tubule	3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362;3R:+:49478318-49478362	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_70372	VRELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	8.69E-05	2	1589.779	1.32	Ovary	3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_70525	TWAWWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.003631784	1	877.441	6.44	Larva	3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_70578	DLEEANIQHEGTLANLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	2.43E-05	1	2051.055	1.77	Larva	3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_70618	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation)	125	4.65E-12	1	2413.146	0.42	Male reproductive organs	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_70662	NQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.000172535	1	878.473	-0.06	Male reproductive organs	3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_70706	ATDQTFAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	7.27E-07	1	1010.482	3.41	Malpighian tubule	3R:+:49469970-49469996;3R:+:49469970-49469996;3R:+:49469970-49469996;

JHU_Ag_70761	EGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000577899	2	1007.544	2.84	Malpighian tubule	3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_70817	NDLENQLRDTQER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated)	60	1.82E-05	1	1630.777	-0.84	Pupa	49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-

JHU_Ag_70985	KLESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	152	7.19E-15	1	2425.260	5.68	Larva	3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;

JHU_Ag_71048	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	133	8.72E-13	1	1718.846	-1.66	Midgut	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;

JHU_Ag_71161	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	105	2.42E-10	2	1297.716	1.05	Midgut	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;

JHU_Ag_71516	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q1(Deamidated), N12(Deamidated)	117	2.29E-11	1	1641.874	2.8	Visceras	3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;

JHU_Ag_71620	AQEAYEKEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000367663	1	1224.579	3.94	Malpighian tubule	3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;

JHU_Ag_71881	LADELRAEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	113	8.72E-11	1	1981.963	2.54	Head	3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_72326	ITSAVMHMGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation), M8(Oxidation)	51	9.78E-05	2	1102.549	-0.82	Midgut	3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_72343	NIHEIEKSR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	34	0.003918572	1	1125.603	2	Malpighian tubule	3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875;3R:+:49478849-49478875	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_72423	ENKNLADEVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	4.24E-06	1	1159.595	-0.44	Pupa	3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815;3R:+:49478786-49478815	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_72463	LLGVGTDDLYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	8.85E-07	2	1193.642	0.72	Visceras	3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;

JHU_Ag_72674	ITSAVMHMGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M8(Oxidation)	80	1.41E-07	1	1102.549	-1.04	Pupa	3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219;3R:+:49466190-49466219	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_72692	ELEELGERLEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	2.09E-08	1	2586.292	0.92	Male reproductive organs	3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_72715	LATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q9(Deamidated)	124	6.33E-12	2	1629.837	2.22	Visceras	3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_72757	VDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	117	3.24E-11	1	1374.675	0.4	Pupa	3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_72764	PKPPVQVGEDPDPTEFLFVSLEQKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	124	2.40E-12	1	2894.536	14.52	Pupa	3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_72766	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	82	8.77E-08	1	1061.584	-0.21	Head	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_72799	AQLELSQVRQEIDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	2.74E-06	1	1684.903	3.22	Malpighian tubule	3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;

JHU_Ag_72846	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q13(Deamidated),N12(Deamidated)	129	2.10E-12	1	1574.792	0.89	Head	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;

JHU_Ag_73011	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated)	106	3.17E-10	1	1373.667	0.95	Visceras	3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;

JHU_Ag_73208	KLEQEIGSQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.55E-06	1	1159.637	4.4	Larva	3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_73221	IHFTGSGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	56	5.36E-05	1	846.451	5.45	Malpighian tubule	3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945;3R:+:49462922-49462945	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_73224	ALDSMQASLEAEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation)	110	1.25E-10	2	1479.701	0.82	Salivary gland	3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;

JHU_Ag_73440	KHNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation), N17(Deamidated),M9(Oxidation),"M9(Oxidation), Q15(Deamidated)"	162	9.28E-16	1	2055.980	1.48	Head	3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;

JHU_Ag_73538	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q2(Deamidated)	77	2.96E-07	1	1043.584	-0.15	Ovary	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;

JHU_Ag_73550	LEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q11(Deamidated),N15(Deamidated)	154	6.94E-15	1	1630.829	0.2	Pupa	3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_73606	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated),Q9(Deamidated),N3(Deamidated)	133	9.34E-13	1	1766.856	0.22	Visceras	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_73842	ELEQTVLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000261973	2	987.547	-0.06	Male reproductive organs	3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161;3R:+:49476138-49476161	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_73916	ACWVPEEKEGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	63	8.32E-06	1	2006.998	4.41	Malpighian tubule	3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_74016	GIFDRLFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000237878	2	995.570	2.37	Malpighian tubule	3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_74052	DLEEANIQHEGTLANLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	87	2.86E-08	1	2051.058	3.29	Midgut	3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497;3R:+:49476444-49476497	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_74145	TAEELQAAEDKVNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N16(Deamidated),Q6(Deamidated),N13(Deamidated)	129	1.78E-12	1	1910.945	-0.07	Visceras	3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;

JHU_Ag_74209	QAEQELSDAHEQLNEVSAQNASIAAAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	238	2.24E-23	1	3008.480	4.21	Malpighian tubule	3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560;3R:+:49479477-49479560	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_74338	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	101	1.25E-09	1	1551.731	1.23	Head	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_74432	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C9(Carbamidomethyl),"M5(Oxidation),C9(Carbamidomethyl)","M2(Oxidation),M5(Oxidation),C9(Carbamidomethyl)","M2(Oxidation),C9(Carbamidomethyl)"	86	1.81E-08	1	1384.597	0.81	Visceras	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_74646	LKGAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	2.28E-08	2	1819.919	0.18	Salivary gland	3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_74669	ANAEAQLWR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated)	81	1.11E-07	1	1058.537	-1.09	Head	3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;

JHU_Ag_74975	GAGFATVSSSYKEQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation)	165	4.66E-16	1	2476.250	4.42	Malpighian tubule	3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;

JHU_Ag_75117	GAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	1.14E-06	2	1174.578	3.72	Ovary	3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;

JHU_Ag_75471	AEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q7(Deamidated),Q3(Deamidated)	69	1.07E-06	1	1284.588	4.8	Ovary	3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_75489	AGVLGQMEEFRDER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	93	7.92E-09	1	1636.775	0.07	Pupa	3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_75507	AGVLGQMEEFRDER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	64	6.15E-06	1	1652.774	2.45	Larva	3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_75615	TWAWWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.003366653	1	877.437	1.63	Head	3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596;3R:+:49473579-49473596	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_75622	YQQQLKDVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	84	6.86E-08	2	2092.035	2.31	Ovary	3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;

JHU_Ag_75743	LADEEARER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.003150307	1	1088.533	-0.57	Midgut	3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_75774	RNEVPPHLFAVSDGAYVNMLTNHEN QSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation), M28(Oxidation)	39	0.001268444	1	4115.946	-2.23	Male reproductive organs	3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_75823	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	5.35E-08	2	1641.874	2.8	Salivary gland	3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_75965	QLQHTLNEVQSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated),N7(Deamidated),"Q3(Deamidated),Q10(Deamidated)",Q3(Deamidated),Q1(Deamidated),Q10(Deamidated),"Q1(Deamidated),Q3(Deamidated)","Q1(Deamidated),Q10(Deamidated)"	80	9.71E-08	2	1424.751	1.15	Head	3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_75977	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	123	7.81E-12	1	1574.802	7.25	Malpighian tubule	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;

JHU_Ag_76210	GAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.56E-10	1	1578.748	5.28	Malpighian tubule	3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782;3R:+:49478741-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_76305	AEELEEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.001047538	1	918.443	1.32	Pupa	3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_76432	LATEVEDLQLEVDRASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	131	1.04E-12	1	2572.313	1.1	Ovary	3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_76654	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	87	2.82E-08	1	1551.730	0.6	Male reproductive organs	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_76916	ELESELDSEQRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	61	9.63E-06	1	1490.707	-0.92	Male reproductive organs	3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_76990	LESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	151	1.02E-14	1	2297.162	4.75	Head	3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623;3R:+:49479564-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_77046	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	45	0.000585193	2	1017.521	-0.37	Male reproductive organs	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;

JHU_Ag_77227	YESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	62	6.51E-06	2	910.427	-0.02	Visceras	3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;

JHU_Ag_77915	GAGFATVSSSYKEQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N16(Deamidated), M19(Oxidation),M19(Oxidation),"N17(Deamidated), M19(Oxidation)"	92	1.07E-08	1	2476.241	0.94	Male reproductive organs	3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_78013	LKGAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	129	2.24E-12	1	1819.919	0.11	Male reproductive organs	3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_78173	LTQEAVADLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated)	98	2.35E-09	1	1244.644	-3.67	Midgut	3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;

JHU_Ag_78297	ELEELGERLEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	162	7.62E-16	1	2586.294	1.91	Visceras	3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;

JHU_Ag_78475	YESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.000961686	2	910.428	1.25	Pupa	3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431;3R:+:49478408-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_78487	EQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	57	3.92E-05	2	1320.687	3.01	Larva	3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_78516	NLADEVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000833495	2	788.414	-1.39	Visceras	3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_78602	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation)	37	0.003342785	1	2413.145	-0.11	Midgut	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_78680	MMYPDFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation), M2(Oxidation),M1(Oxidation)	35	0.001133189	2	931.405	-0.34	Head	3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_78946	ACWVPEEKEGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	103	8.55E-10	1	2006.994	2.22	Pupa	3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_79053	TLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	4.18E-06	2	1010.478	-0.51	Male reproductive organs	3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_79107	DPLNDTVVDQFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	97	3.56E-09	1	1390.685	-0.15	Pupa	3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176;3R:+:49470141-49470176	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_79212	AKLEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	150	1.64E-14	1	1888.955	2.76	Head	3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;

JHU_Ag_79522	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	90	1.39E-08	1	1551.734	3.19	Larva	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;

JHU_Ag_79703	GSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	141	1.12E-13	1	2216.128	3.84	Ovary	3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;

JHU_Ag_79896	EEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.000560887	1	1053.448	-0.33	Male reproductive organs	3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_79904	IKELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.000186087	1	1494.754	7.22	Malpighian tubule	3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_80018	ELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	8.17E-06	1	903.480	1.67	Head	3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_80052	DPLNDTVVDQFKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	87	3.18E-08	1	1518.783	2.35	Pupa	3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_80142	GIFDRLFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.000559884	1	995.567	-0.45	Visceras	3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447;3R:+:49466424-49466447	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_80177	NDLENQLRDTQER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.002393977	1	1630.782	2.38	Ovary	49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-

JHU_Ag_80181	ALEQQIKELQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	88	8.88E-09	1	1454.841	5.5	Malpighian tubule	3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;

JHU_Ag_80508	TLLEQADRGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000426468	2	1158.625	1.88	Malpighian tubule	3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473;3R:+:49479444-49479473	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_80728	QIEEAEEIAALNLAKFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	93	4.99E-09	2	1945.044	2.31	Malpighian tubule	3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067;3R:+:49480017-49480067	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_80778	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q9(Deamidated)	71	1.32E-06	1	1734.842	0.63	Head	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_80805	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q7(Deamidated),Q2(Deamidated)	77	2.80E-07	1	1043.584	-0.73	Pupa	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_80847	LAQEEDARNQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	109	1.93E-10	1	1790.905	1.03	Male reproductive organs	3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_80955	MMYPDFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation), M2(Oxidation)	36	0.000670264	2	963.394	-0.86	Male reproductive organs	3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_80982	YPLYTNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000587116	1	926.476	3.31	Malpighian tubule	3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;

JHU_Ag_81020	KVEGDLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.001102907	1	788.450	-1.08	Head	3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_81055	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	7.17E-06	1	945.503	3.18	Ovary	3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_81056	VIAYFATIGASGKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	4.99E-07	2	1425.809	-0.67	Visceras	3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;

JHU_Ag_81419	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	1.97E-07	1	1287.724	-2.29	Midgut	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_81426	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	65	4.00E-06	1	1061.584	0.09	Midgut	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_81510	QLQHTLNEVQSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	4.67E-07	2	1424.749	-0.3	Midgut	3R:+:49478036-49478071;3R:+:49478036-49478071;3R:+:49478036-49478071;

JHU_Ag_81707	AFDKIIGEWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	3.84E-05	1	1206.652	-0.13	Ovary	3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656;3R:+:49478627-49478656	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_81793	VIAYFATIGASGKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	3.27E-07	1	1425.816	4.38	Head	3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704;3R:+:49462663-49462704	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_81928	ANAEAQLWR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	1.09E-07	1	1058.541	3.29	Malpighian tubule	3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;

JHU_Ag_82008	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	6.58E-05	1	945.500	-0.24	Male reproductive organs	3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_82070	LRGDVEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	34	0.006985038	2	816.456	-1.94	Head	3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065;3R:+:49476045-49476065	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_82125	QRADLAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	35	0.003718453	2	829.459	-5.45	Head	3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338;3R:+:49476318-49476338	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_82212	DAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	92	9.29E-09	1	1301.659	0.54	Male reproductive organs	3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_82255	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	111	6.00E-11	1	1297.720	3.96	Larva	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;

JHU_Ag_82484	TLNDFDASKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	5.45E-06	1	1138.573	-0.56	Visceras	3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;

JHU_Ag_82528	KLESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N18(Deamidated)	179	1.47E-17	1	2425.248	0.92	Pupa	3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;

JHU_Ag_82726	VDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q12(Deamidated)	126	3.99E-12	1	1374.677	1.82	Head	3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;

JHU_Ag_83045	LAQEEDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	56	2.69E-05	2	931.449	0.57	Male reproductive organs	3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;

JHU_Ag_83148	ISLTQQLEDTKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated),Q6(Deamidated)	102	6.14E-10	1	1431.787	4.49	Larva	3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236;3R:+:49478201-49478236	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_83172	LEQTLDELEDSLEREK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	115	6.06E-11	1	1946.967	5.88	Malpighian tubule	3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_83262	NQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000221757	1	878.472	-0.82	Midgut	3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_83275	GAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	7.51E-07	2	1174.570	-2.93	Midgut	3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_83381	GAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	1.28E-07	1	1174.578	3.52	Head	3R:+:49470270-49470305;3R:+:49470270-49470305;3R:+:49470270-49470305;

JHU_Ag_83519	CIALEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C1(Carbamidomethyl)	39	0.002366101	1	733.391	-0.97	Head	3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533;3R:+:49478516-49478533	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_83624	ALEQQIKELQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q4(Deamidated),Q5(Deamidated)	101	4.71E-10	1	1454.834	0.88	Pupa	3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_83674	ANALQNELEESRTLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	131	1.13E-12	1	2300.154	2.55	Malpighian tubule	3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;

JHU_Ag_83803	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	76	1.98E-07	1	1287.733	4.82	Malpighian tubule	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_83808	QRLATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	69	1.46E-06	1	1913.996	1.46	Pupa	3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587;3R:+:49478540-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_83868	TAEELQAAEDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	78	2.23E-07	2	1204.572	2.04	Midgut	3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;

JHU_Ag_83996	GREEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	103	1.51E-10	1	1734.715	-0.5	Head	3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_84000	GREEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	4.30E-07	2	1734.721	2.74	Malpighian tubule	3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_84099	ELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	8.71E-06	1	903.482	3.76	Larva	3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_84386	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	8.33E-06	2	1117.575	0.81	Salivary gland	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_84480	DAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated),Q8(Deamidated)	102	8.45E-10	1	1301.661	1.85	Pupa	3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;

JHU_Ag_84609	MQEQRVSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	63	7.91E-06	1	1631.859	3.28	Malpighian tubule	3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551;3R:+:49473513-49473551	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_84614	RANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	76	3.73E-07	1	1529.771	2.58	Ovary	3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_84675	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M2(Oxidation), M5(Oxidation), C9(Carbamidomethyl)	65	1.77E-06	1	1400.592	0.51	Male reproductive organs	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_84763	VISQQTLERSYHIFYQIMSGSVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation)	58	1.57E-05	1	2730.403	4.09	Malpighian tubule	3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059;3R:+:49462991-49463059	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_84906	KAMVDAAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M3(Oxidation)	57	3.22E-05	2	877.455	-0.67	Visceras	3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668;3R:+:49479645-49479668	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_84969	RANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated),Q6(Deamidated),N3(Deamidated)	92	9.54E-09	1	1530.749	-0.94	Pupa	3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_85072	SKYESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.001017147	1	1125.553	-0.22	Salivary gland	3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_85258	TAEELQAAEDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	105	4.18E-10	1	1204.570	0.62	Visceras	3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_85438	PKPPVQVGEDPDPTEFLFVSLEQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	130	8.87E-13	1	2738.431	14.02	Visceras	3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_85505	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	101	8.10E-10	1	2121.105	5.43	Malpighian tubule	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_85541	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	1.62E-10	1	2036.068	0.8	Salivary gland	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_85587	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N1(Deamidated),Q9(Deamidated),N3(Deamidated)	128	3.08E-12	1	1765.875	2.03	Pupa	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_85621	EQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	2.51E-05	1	1147.513	1.34	Head	3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;

JHU_Ag_85958	LATEVEDLQLEVDRASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	179	1.75E-17	1	2572.318	2.95	Head	3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_86019	LATEVEDLQLEVDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q9(Deamidated)	116	3.21E-11	2	1629.834	0.58	Ovary	3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587;3R:+:49478546-49478587	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_86033	DAEDLELQIQKIEQDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	143	7.00E-14	1	1914.967	0.79	Visceras	3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;

JHU_Ag_86147	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated),N6(Deamidated),N2(Deamidated)	111	1.21E-10	1	1374.648	-0.83	Pupa	3R:+:49479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:

JHU_Ag_86269	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	78	2.89E-07	2	1117.574	0.27	Midgut	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;

JHU_Ag_86305	LSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	7.97E-07	2	1159.631	-0.54	Salivary gland	3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_86601	EEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.001147823	2	1053.447	-1.72	Head	3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046;3R:+:49479023-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_86673	EQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	39	0.002339017	2	931.487	2.6	Malpighian tubule	3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;

JHU_Ag_86706	LAQEEDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	62	7.07E-06	2	931.448	-0.54	Visceras	3R:+:49475691-49475714;3R:+:49475691-49475714;3R:+:49475691-49475714;

JHU_Ag_86862	NYSTELFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	8.00E-05	2	1029.500	-0.2	Ovary	3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;

JHU_Ag_86903	RANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated)	82	1.03E-07	1	1529.767	0.34	Visceras	3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443;3R:+:49479405-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_87043	RQIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	93	4.09E-09	2	1797.972	1.03	Male reproductive organs	3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_87083	ELTFQSEEDRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	89	1.80E-08	1	1382.646	1.68	Head	3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;

JHU_Ag_87141	LDEAESNALKGGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000226275	2	1331.684	3.03	Malpighian tubule	3R:+:49479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803;3R:+:479765-49479803	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_87172	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q1(Deamidated)	103	6.03E-10	2	1641.865	-2.63	Midgut	3R:+:49480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061;3R:+:480017-49480061	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_87223	ANAEAQLWR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated),N2(Deamidated)	92	8.38E-09	2	1059.519	-2.71	Pupa	3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_87226	MMYPDFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.000355454	2	931.405	-0.01	Ovary	3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506;3R:+:49470486-49470506	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_87304	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	111	6.08E-11	1	1297.716	0.67	Head	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;

JHU_Ag_87433	VISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q4(Deamidated),Q5(Deamidated)	73	9.56E-07	1	1073.596	1.28	Pupa	3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK
JHU_Ag_87464	KGAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	1.03E-05	2	1302.668	-0.58	Male reproductive organs	3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_87526	LLAEKTALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.000498741	3	1687.946	-0.91	Visceras	3R:+:49475395-49475442;3R:+:49475395-49475442;3R:+:49475395-49475442;

JHU_Ag_87551	KLESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	142	7.54E-14	1	2425.257	4.7	Ovary	3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;

JHU_Ag_87603	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q13(Deamidated),N12(Deamidated)	128	2.73E-12	1	1574.791	0.19	Male reproductive organs	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;

JHU_Ag_87729	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q7(Deamidated)	77	2.80E-07	2	943.556	-0.75	Pupa	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;

JHU_Ag_87767	ACWVPEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	47	0.000191433	2	1018.465	-0.84	Head	3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653;3R:+:49460630-49460653	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_87861	DDAREQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	4.71E-07	1	1388.675	-1.2	Visceras	3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404;3R:+:49479369-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_88015	ISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	79	2.06E-07	2	1275.681	1.25	Malpighian tubule	3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;

JHU_Ag_88031	DHQIR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.001480905	1	668.349	1.83	Head	3R:+:49475829-49475843;3R:+:49475829-49475843	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_88173	GSLEDQVVQTNPVLEAFGNAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N19(Deamidated)	130	1.36E-12	1	2216.124	2.08	Visceras	3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788;3R:+:49462726-49462788	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_88245	SYHIFYQIMSGSVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	123	9.88E-12	1	1675.817	1.44	Pupa	3R:+:49463018-49463059;3R:+:49463018-49463059;3R:+:49463018-49463059;

JHU_Ag_88302	GAGFATVSSSYKEQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation)	148	2.64E-14	1	2476.251	4.71	Larva	3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;

JHU_Ag_88502	PKPPVQVGEDPDPTEFLFVSLEQKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	128	1.15E-12	1	2852.490	2.49	Pupa	3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_88743	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	55	2.86E-05	2	1287.727	0.08	Salivary gland	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_88770	KELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.00153419	1	1031.573	-0.27	Visceras	3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394;3R:+:49475368-49475394	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_88994	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	4.81E-13	1	1922.956	-0.2	Male reproductive organs	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_89038	TLNDFDASKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	5.57E-06	1	1138.575	0.83	Head	3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_89123	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	130	1.68E-12	1	1718.856	4.03	Malpighian tubule	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_89210	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	1.88E-06	2	945.499	-1.14	Visceras	3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_89300	IKISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	9.20E-05	1	1516.848	-6.6	Visceras	3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_89312	ELEELGER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	35	0.004110353	2	974.481	1.65	Ovary	3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;

JHU_Ag_89434	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	114	4.78E-11	1	1435.771	2.07	Malpighian tubule	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;

JHU_Ag_89618	NQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated),N1(Deamidated),Q2(Deamidated)	51	0.000150965	1	878.473	0.01	Pupa	3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_89657	LAEAEETIESLNQKCIALEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	118	2.33E-11	1	2289.175	4.74	Malpighian tubule	3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533;3R:+:49478474-49478533	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_89746	PKPPVQVGEDPDPTEFLFVSLEQKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	85	1.80E-08	1	2894.532	13.14	Male reproductive organs	3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_89753	GAGFATVSSSYKEQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M19(Oxidation)	165	5.38E-16	1	2476.241	0.79	Visceras	3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338;3R:+:49470270-49470338	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_89810	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	34	0.00575307	1	1301.702	5.31	Salivary gland	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-

JHU_Ag_89965	AGVLGQMEEFRDER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	61	1.27E-05	1	1652.770	0.12	Male reproductive organs	3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_90050	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	65	3.86E-06	2	1001.501	-0.31	Male reproductive organs	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_90112	ELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	9.71E-06	1	903.478	-0.56	Midgut	3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;

JHU_Ag_90162	RQIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	114	3.03E-11	1	1797.977	3.61	Pupa	3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_90180	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	91	1.10E-08	1	2121.095	0.59	Ovary	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_90190	TLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N3(Deamidated)	62	5.60E-06	1	1010.480	1.42	Pupa	3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_90318	NLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	3.14E-06	1	1238.613	0.32	Malpighian tubule	3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_90363	LEQTLDELEDSLEREK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	5.16E-13	1	1946.956	0.11	Visceras	3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_90527	ISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	96	4.34E-09	1	1275.681	1.25	Visceras	3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233;3R:+:49478201-49478233	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_90732	RQIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	109	8.50E-11	1	1797.978	4.22	Malpighian tubule	3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;

JHU_Ag_90920	EGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000293846	1	1007.541	-0.3	Male reproductive organs	3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_90967	LADELRAEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	115	5.54E-11	1	1981.956	-0.6	Midgut	3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719;3R:+:49479669-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_91030	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q13(Deamidated),N12(Deamidated)	127	3.13E-12	1	1574.793	1.43	Pupa	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;

JHU_Ag_91531	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	4.24E-07	1	2121.096	0.96	Male reproductive organs	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_91567	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C9(Carbamidomethyl),"M5(Oxidation),C9(Carbamidomethyl)","M2(Oxidation),M5(Oxidation),C9(Carbamidomethyl)","M2(Oxidation),C9(Carbamidomethyl)"	75	2.14E-07	1	1384.597	0.9	Pupa	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_91705	LMTNHLGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N4(Deamidated)	41	0.000604657	2	913.491	-1.29	Pupa	3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020;3R:+:49469997-49470020	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_91851	VEDQIAKLEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	1.48E-06	1	1301.695	-0.22	Male reproductive organs	49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-49473653,49475308-49475322;3R:+:49473636-

JHU_Ag_91993	LTQEAVADLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	86	3.89E-08	1	1244.648	-0.14	Malpighian tubule	3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;

JHU_Ag_92068	IKISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	80	6.27E-08	1	1516.860	0.99	Head	3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_92188	TAEELQAAEDKVNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated)	100	1.32E-09	1	1909.968	3.31	Ovary	3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_92260	QLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	96	4.09E-09	2	1561.772	0.76	Male reproductive organs	3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_92519	ANALQNELEESRTLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	126	3.23E-12	1	2300.157	3.9	Pupa	3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467;3R:+:49479408-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_92706	LEQTLDELEDSLEREK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	3.06E-10	1	1946.964	4.44	Ovary	3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;

JHU_Ag_93386	VISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	1.07E-06	2	1073.594	-0.66	Midgut	3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;

JHU_Ag_93665	LADEEARER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000350641	1	1088.535	1.89	Malpighian tubule	3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263;3R:+:49478237-49478263	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_93734	ELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	69	1.24E-06	2	1334.607	-0.08	Salivary gland	3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869;3R:+:49479837-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_93846	LAEAEETIESLNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	127	3.25E-12	1	1574.793	1.36	Ovary	3R:+:49478474-49478515;3R:+:49478474-49478515;3R:+:49478474-49478515;

JHU_Ag_94132	AGVLGQMEEFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	91	1.16E-08	1	1252.599	0.13	Male reproductive organs	3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434;3R:+:49473402-49473434	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_94181	ATLLGKFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000152469	1	905.560	3.22	Malpighian tubule	3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287;3R:+:49478264-49478287	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_94530	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q8(Deamidated)	165	5.31E-16	1	1922.963	3.29	Larva	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;

JHU_Ag_94778	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M2(Oxidation), M5(Oxidation), C9(Carbamidomethyl)	53	2.63E-05	1	1400.598	4.96	Malpighian tubule	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_94814	LAQEEDARNQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated),Q13(Deamidated),N9(Deamidated),Q3(Deamidated)	111	1.24E-10	1	1790.907	2.05	Pupa	3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_94898	AQEAYEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	45	0.000256143	2	838.391	-3.35	Visceras	3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352;3R:+:49475332-49475352	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_95053	STQPHFVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000266577	1	971.506	-0.05	Male reproductive organs	3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362;3R:+:49470339-49470362	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_95106	ARVISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000114427	1	1300.737	2.61	Malpighian tubule	3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017;3R:+:49462985-49463017	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK
JHU_Ag_95308	AQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	1.58E-07	1	1331.607	0.03	Male reproductive organs	3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_95319	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	101	1.22E-09	1	1551.728	-0.19	Visceras	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_95395	AEQDHAQTQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	61	7.08E-06	1	1284.584	1.66	Visceras	3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719;3R:+:49479687-49479719	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_95515	LEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	94	6.43E-09	2	1689.819	0.56	Salivary gland	3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;

JHU_Ag_95622	VKPLLNVSR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	1.04E-05	1	1025.646	-0.58	Pupa	3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_95707	SKYESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	56	2.97E-05	1	1125.553	-0.66	Ovary	3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_95783	KHNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	56	3.46E-05	3	2055.977	0.08	Ovary	3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;

JHU_Ag_95929	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	72	1.12E-06	1	1734.841	0.3	Male reproductive organs	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;

JHU_Ag_96030	DPLNDTVVDQFKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	87	3.21E-08	1	1518.783	2.11	Midgut	3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;

JHU_Ag_96234	FIRIHFTGSGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	3.63E-05	2	1262.705	3.2	Malpighian tubule	3R:+:49462913-49462945;3R:+:49462913-49462945;3R:+:49462913-49462945;

JHU_Ag_96339	ELQARIEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	115	5.00E-11	1	2072.032	8.31	Malpighian tubule	3R:+:49476243-49476293;3R:+:49476243-49476293;3R:+:49476243-49476293;

JHU_Ag_96476	RQIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	123	3.42E-12	1	1797.977	3.48	Ovary	3R:+:49480014-49480061;3R:+:49480014-49480061;3R:+:49480014-49480061;

JHU_Ag_96485	LEAEKDELQAALEEAEAALEQEENK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	135	6.03E-13	1	2800.348	3.91	Pupa	3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956;3R:+:49478882-49478956	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_96603	KDAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	111	1.03E-10	1	1429.755	1.18	Head	3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_96604	QAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	106	4.08E-10	1	2852.374	3.04	Salivary gland	3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_96779	VISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	8.42E-05	1	1073.595	-0.09	Salivary gland	3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_96781	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	58	2.82E-05	2	1718.851	1.11	Salivary gland	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;

JHU_Ag_96945	AIQKLEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.001763446	2	985.582	3.3	Head	3R:+:49479807-49479830;3R:+:49479807-49479830;3R:+:49479807-49479830;

JHU_Ag_97270	VKPLLNVSR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	48	3.97E-05	1	1025.647	0.25	Midgut	3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;

JHU_Ag_97520	ADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	76	4.44E-07	2	1017.521	-0.37	Head	3R:+:49480104-49480133;3R:+:49480104-49480133;3R:+:49480104-49480133;

JHU_Ag_97584	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	7.52E-11	2	1297.718	2.46	Pupa	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;

JHU_Ag_97743	TLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	60	1.08E-05	2	1010.479	-0.09	Visceras	3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_97778	DPLNDTVVDQFKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	115	4.84E-11	1	1518.782	1.31	Head	3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179;3R:+:49470141-49470179	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_97890	HNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M8(Oxidation)	159	1.55E-15	1	1911.883	-1.64	Midgut	3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_97901	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	116	2.55E-11	1	2036.078	5.75	Malpighian tubule	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_97980	LDEAESNALK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated)	77	4.13E-07	1	1089.541	-0.8	Head	3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_98032	AEELEEAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	7.48E-05	1	1074.544	1.71	Head	3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_98159	NLEHDLDNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	3.10E-06	1	1238.616	3.18	Larva	3R:+:49478288-49478317;3R:+:49478288-49478317;3R:+:49478288-49478317;

JHU_Ag_98543	LEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	131	1.39E-12	1	1630.825	-2.35	Midgut	3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410;3R:+:49476363-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_98725	YQQQLKDVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.001422425	3	2092.035	1.96	Salivary gland	3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362;3R:+:49479312-49479362	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_98851	DAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q10(Deamidated)	102	8.81E-10	1	1301.664	4.67	Midgut	3R:+:49475772-49475804;3R:+:49475772-49475804;3R:+:49475772-49475804;

JHU_Ag_99051	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation)	101	1.23E-09	1	2413.150	1.94	Visceras	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK
JHU_Ag_99060	NDLENQLRDTQER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	57	3.15E-05	1	1630.779	0.89	Head	49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-49475517,49475676-49475690;3R:+:49475494-

JHU_Ag_99091	LEDEQSLVGKLQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	109	1.50E-10	1	1486.818	4.34	Malpighian tubule	3R:+:49476195-49476233;3R:+:49476195-49476233;3R:+:49476195-49476233;

JHU_Ag_99663	AGVLGQMEEFRDER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated), M7(Oxidation),Q6(Deamidated),M7(Oxidation)	88	2.32E-08	1	1637.761	1.07	Head	3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_99811	EQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000370709	2	931.486	1.55	Midgut	3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_99825	RNEVPPHLFAVSDGAYVNMLTNHEN QSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	45	0.0002799	1	4083.983	4.34	Pupa	3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-49462644;3R:+:49462531-462531-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_99991	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	76	3.10E-07	2	943.557	-0.68	Male reproductive organs	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-473528-49473551	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_99995	KDAEDLELQIQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	47	0.000227034	2	1429.755	1.09	Salivary gland	3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804;3R:+:49475769-49475804	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_100096	LKGAYEEGQEQLEAVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q11(Deamidated),Q9(Deamidated)	146	4.40E-14	1	1819.917	-0.7	Pupa	3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782;3R:+:49478735-49478782	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_100101	ELESELDSEQRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	2.84E-06	1	1490.707	-0.68	Pupa	3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;

JHU_Ag_101008	GSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M6(Oxidation)	91	1.24E-08	1	2413.154	3.61	Head	3R:+:49470180-49470251;3R:+:49470180-49470251;3R:+:49470180-49470251;

JHU_Ag_101156	SKYESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	3.02E-06	1	1125.553	-0.55	Midgut	3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_101185	EEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated)	105	7.21E-11	1	1521.595	0.98	Head	3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285;3R:+:49466244-49466285	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_101310	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	82	6.77E-08	2	943.560	3.52	Malpighian tubule	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;

JHU_Ag_101632	AGVLGQMEEFRDER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	87	3.06E-08	1	1636.776	0.41	Ovary	3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443;3R:+:49473402-49473443	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_101683	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q6(Deamidated),N1(Deamidated)	66	3.00E-06	2	1002.484	-1.29	Head	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_101691	LDEAESNALKGGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	92	1.27E-08	1	1331.681	0.74	Male reproductive organs	3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_101797	RDLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	129	1.62E-12	1	2079.058	0.17	Head	3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_101896	NLEHDLDNLREQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	137	2.88E-13	1	2367.114	3.32	Head	3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;

JHU_Ag_102281	ALDSMQASLEAEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M5(Oxidation),Q6(Deamidated),"M5(Oxidation), Q6(Deamidated)"	127	2.49E-12	1	1479.702	1.4	Head	3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103;3R:+:49479062-49479103	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_102509	KGAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	96	4.77E-09	1	1302.669	0.36	Head	3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_102646	GREEQAEADGTEDGDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	84	1.44E-08	1	1734.716	0.02	Pupa	3R:+:49466238-49466285;3R:+:49466238-49466285;3R:+:49466238-49466285;

JHU_Ag_102803	KHNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	108	2.60E-10	1	2055.980	1.86	Male reproductive organs	3R:+:49476498-49476551;3R:+:49476498-49476551;3R:+:49476498-49476551;

JHU_Ag_103187	LEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	116	4.32E-11	1	1689.825	4.02	Ovary	3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_103194	ELEELGER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.00080701	1	974.481	1.98	Larva	3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362;3R:+:49476339-49476362	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_103313	IEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.37E-10	2	1474.692	0.66	Visceras	3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;

JHU_Ag_103522	LDEAESNALK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.56E-07	1	1089.542	-0.02	Visceras	3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_103604	IEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	110	1.38E-10	2	1474.693	1.74	Head	3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_103617	NLADEVKDLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	162	7.99E-16	1	1941.994	3.33	Ovary	3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848;3R:+:49478795-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_103669	LKVDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	104	5.86E-10	1	1615.856	1.12	Salivary gland	3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_103707	TAEELQAAEDKVNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N16(Deamidated),Q6(Deamidated),N13(Deamidated)	91	1.07E-08	1	1909.961	0	Male reproductive organs	3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_103893	NKDPLNDTVVDQFK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q12(Deamidated),N1(Deamidated)	117	3.49E-11	1	1632.824	0.57	Head	3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176;3R:+:49470135-49470176	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_103996	VISQQTLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	3.62E-06	1	1073.595	0.14	Male reproductive organs	3R:+:49462991-49463017;3R:+:49462991-49463017;3R:+:49462991-49463017;

JHU_Ag_104030	DQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C11(Carbamidomethyl),"N5(Deamidated),C11(Carbamidomethyl)"	88	2.89E-08	1	1291.636	3.66	Larva	3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423;3R:+:49466388-49466423	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_104129	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	71	1.11E-06	1	1061.584	-0.21	Male reproductive organs	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_104163	RQAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	204	5.92E-20	1	3008.468	0.19	Head	3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557;3R:+:49479474-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_104232	KACWVPEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C3(Carbamidomethyl)	41	0.001386984	1	1146.562	0.59	Male reproductive organs	3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_104326	EQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.001722893	2	1147.512	0.53	Midgut	3R:+:49478318-49478347;3R:+:49478318-49478347;3R:+:49478318-49478347;

JHU_Ag_104372	LEQTLDELEDSLEREK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	7.42E-06	1	1946.955	-0.14	Male reproductive organs	3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041;3R:+:49475994-49476041	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_104581	VDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	65	5.32E-06	2	1374.674	-0.93	Malpighian tubule	3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701;3R:+:49478663-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_104689	PKPPVQVGEDPDPTEFLFVSLEQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	92	7.23E-09	1	2696.385	1.32	Visceras	3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;

JHU_Ag_104742	QAEQELSDAHEQLNEVSAQNASIAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q19(Deamidated),"Q1(Deamidated),Q12(Deamidated),N14(Deamidated),Q19(Deamidated),N20(Deamidated)",N14(Deamidated),Q12(Deamidated),Q1(Deamidated),N20(Deamidated),Q4(Deamidated)	161	1.32E-15	1	2853.348	-0.49	Pupa	3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557;3R:+:49479477-49479557	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_104825	LADEEAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	53	7.82E-05	2	803.389	-1.1	Visceras	3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257;3R:+:49478237-49478257	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_104934	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	73	6.76E-07	1	1345.718	2.75	Malpighian tubule	3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_104976	ASKDHQIR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	36	0.002120468	1	954.513	1.78	Salivary gland	3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843;3R:+:49475820-49475843	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_104992	ELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	0.000160693	2	903.480	1.79	Salivary gland	3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;

JHU_Ag_105108	TLNDFDASKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.002206614	2	1138.575	0.62	Larva	3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_105247	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C15(Carbamidomethyl)	137	3.90E-13	1	1718.853	2.11	Visceras	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK

JHU_Ag_105256	LEDEQSLVGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	78	2.86E-07	1	1117.577	2.67	Ovary	3R:+:49476195-49476224;3R:+:49476195-49476224;3R:+:49476195-49476224;

JHU_Ag_105516	KLEADINELEIALDHANK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	168	1.45E-16	1	2036.075	4.58	Ovary	3R:+:49479134-49479187;3R:+:49479134-49479187;3R:+:49479134-49479187;

JHU_Ag_105830	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	89	1.86E-08	2	1373.660	-3.85	Midgut	3R:+:49479408-49479443;3R:+:479408-49479443;3R:+:479408-49479443;3R:+:

JHU_Ag_105932	DLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q8(Deamidated)	166	4.54E-16	1	1922.953	-1.72	Midgut	3R:+:49476444-49476494;3R:+:49476444-49476494;3R:+:49476444-49476494;

JHU_Ag_106137	LATEVEDLQLEVDRASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	105	3.62E-10	1	2572.318	3.02	Visceras	3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_106185	LDEAESNALK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000697048	1	1089.544	1.44	Salivary gland	3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_106296	NLEHDLDNLREQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q12(Deamidated),N1(Deamidated),N8(Deamidated)	123	7.16E-12	1	2367.119	5.36	Ovary	3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_106302	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	81	8.95E-08	1	1061.585	0.82	Pupa	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_106330	NDLENQLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	3.66E-06	2	1001.505	3.59	Ovary	3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517;3R:+:49475494-49475517	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_106361	HNDAVAEMAEQVDQLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M8(Oxidation)	46	0.000327268	3	1927.890	4.29	Malpighian tubule	3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551;3R:+:49476501-49476551	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_106376	AQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	82	4.74E-08	1	1331.609	1.04	Ovary	3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-480071-49480103	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_106682	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	2.75E-07	2	943.556	-0.81	Midgut	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;

JHU_Ag_106719	LSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	7.85E-07	1	1159.636	3.98	Malpighian tubule	3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_106771	IKELTFQSEEDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	96	4.16E-09	1	1494.744	0.11	Visceras	3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950;3R:+:49479915-49479950	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_106909	KACWVPEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C3(Carbamidomethyl)	51	0.000120 75	1	1146.561	0.05	Visceras	3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653;3R:+:49460627-49460653	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_107223	NYSTELFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	45	0.000246 613	2	1029.500	0.04	Salivary gland	3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734;3R:+:49478711-49478734	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_107352	DVQSALEEEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	1.94E-05	2	1303.612	-0.03	Salivary gland	3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362;3R:+:49479330-49479362	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_107394	KVEGDLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	37	0.004253638	1	788.452	0.93	Midgut	3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095;3R:+:49476075-49476095	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_107508	SKYESEGVAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	75	3.98E-07	1	1125.556	2.6	Malpighian tubule	3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431;3R:+:49478402-49478431	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_107639	VRELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q12(Deamidated)	104	6.73E-10	1	1589.775	-0.83	Pupa	3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_107710	DAEDLELQIQKIEQDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	63	6.50E-06	1	1914.967	0.53	Ovary	3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;

JHU_Ag_107823	KLEQEIGSQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	5.78E-08	1	1159.631	-1.07	Midgut	3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_107864	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	2.84E-07	2	943.557	0.09	Head	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_107887	IIGEWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	41	0.002351385	2	745.424	-0.54	Visceras	3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_107902	IQEKEEEFENTR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	101	1.17E-09	1	1551.735	4.22	Malpighian tubule	3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046;3R:+:49479011-49479046	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_108011	LATEVEDLQLEVDRASSIANAAEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	181	9.83E-18	1	2572.321	4.3	Malpighian tubule	3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617;3R:+:49478546-49478617	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_108181	LAGADIETYLLEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	119	1.35E-11	1	1435.769	0.96	Ovary	3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984;3R:+:49462946-49462984	exon=> In CDS Exon 4 of transcript AGAP010147-PB;exon=> In CDS Exon 4 of transcript AGAP010147-PC;exon=> In CDS Exon 4 of transcript AGAP010147-PD;exon=> In CDS Exon 4 of transcript AGAP010147-PE;exon=> In CDS Exon 4 of transcript AGAP010147-PA;exon=> In CDS Exon 4 of transcript AGAP010147-PF;exon=> In CDS Exon 4 of transcript AGAP010147-PG;exon=> In CDS Exon 4 of transcript AGAP010147-PH;exon=> In CDS Exon 4 of transcript AGAP010147-PI;exon=> In CDS Exon 4 of transcript AGAP010147-PJ;exon=> In CDS Exon 4 of transcript AGAP010147-PK

JHU_Ag_108194	KMQGEVNQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	46	0.000492079	2	1061.532	-8.2	Visceras	3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930;3R:+:49475904-49475930	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_108198	KALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated),Q6(Deamidated)	45	0.000525602	2	958.557	-0.01	Pupa	3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749;3R:+:49479726-49479749	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_108316	EQLNNLMTTLK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	69	1.94E-06	1	1304.692	2.99	Visceras	3R:+:49470306-49470338;3R:+:49470306-49470338;3R:+:49470306-49470338;

JHU_Ag_108495	LDETNRTLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	69	1.91E-06	1	1738.831	3.98	Malpighian tubule	3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116;3R:+:49478072-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_108580	YPLYTNR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated)	42	0.000599476	1	926.476	2.72	Head	3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503;3R:+:49462483-49462503	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_108695	TLNDFDASK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	66	2.38E-06	2	1010.479	-0.33	Head	3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116;3R:+:49478090-49478116	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_108712	LEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	124	6.58E-12	2	1689.831	8	Malpighian tubule	3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_108722	TAEELQAAEDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	105	4.15E-10	1	1204.569	-0.5	Pupa	3R:+:49475931-49475963;3R:+:49475931-49475963;3R:+:49475931-49475963;

JHU_Ag_108864	TAEELQAAEDKVNHLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	96	3.62E-09	1	1909.967	2.87	Malpighian tubule	3R:+:49475931-49475981;3R:+:49475931-49475981;3R:+:49475931-49475981;

JHU_Ag_108924	LDEAESNALKGGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	50	0.000194063	2	1331.681	0.93	Salivary gland	3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803;3R:+:49479765-49479803	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_109141	ELESELDSEQRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	62	8.93E-06	1	1490.712	2.43	Malpighian tubule	3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_109212	RDLEEANIQHEGTLANLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	94	4.46E-09	1	2079.065	3.25	Malpighian tubule	3R:+:49476441-49476494;3R:+:49476441-49476494;3R:+:49476441-49476494;

JHU_Ag_109343	LSIENSDLLRQLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	173	4.89E-17	1	2702.404	7.1	Malpighian tubule	3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194;3R:+:49478123-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_109374	VIAYFATIGASGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	100	6.84E-10	2	1297.716	0.29	Male reproductive organs	3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701;3R:+:49462663-49462701	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK

JHU_Ag_109382	EEEFENTRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	8.24E-05	1	1181.544	0.74	Visceras	3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_109679	VRELESELDSEQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	98	2.81E-09	1	1589.783	3.78	Malpighian tubule	3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869;3R:+:49479831-49479869	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_109830	AQEAYEKEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	34	0.005127897	1	1224.574	-0.64	Salivary gland	3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;

JHU_Ag_110125	KLESELQTLHSDLDELLNEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	143	6.79E-14	1	2425.248	0.85	Male reproductive organs	3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623;3R:+:49479561-49479623	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_110250	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	87	2.85E-08	2	1373.666	0.51	Salivary gland	3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_110281	NEVPPHLFAVSDGAYVNMLTNHENQSMLITGESGAGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M18(Oxidation), M27(Oxidation)	84	4.49E-08	1	3959.852	-0.4	Male reproductive organs	3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644;3R:+:49462534-49462644	exon=> In CDS Exon 3 of transcript AGAP010147-PB;exon=> In CDS Exon 3 of transcript AGAP010147-PC;exon=> In CDS Exon 3 of transcript AGAP010147-PD;exon=> In CDS Exon 3 of transcript AGAP010147-PE;exon=> In CDS Exon 3 of transcript AGAP010147-PA;exon=> In CDS Exon 3 of transcript AGAP010147-PF;exon=> In CDS Exon 3 of transcript AGAP010147-PG;exon=> In CDS Exon 3 of transcript AGAP010147-PH;exon=> In CDS Exon 3 of transcript AGAP010147-PI;exon=> In CDS Exon 3 of transcript AGAP010147-PJ;exon=> In CDS Exon 3 of transcript AGAP010147-PK
JHU_Ag_110350	EGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	74	6.97E-07	2	1007.541	-0.07	Visceras	3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_110384	AQEAYEKEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	32	0.00749408	1	1224.558	-13.7	Head	3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361;3R:+:49475332-49475361	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_110397	TLLEQADR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q5(Deamidated)	64	7.39E-06	1	945.500	0.34	Pupa	3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467;3R:+:49479444-49479467	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_110429	LKVDDLAAELDASQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	113	6.95E-11	1	1615.862	5.35	Malpighian tubule	3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701;3R:+:49478657-49478701	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_110595	IKISLTQQLEDTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	2.58E-08	1	1516.861	1.55	Pupa	3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233;3R:+:49478195-49478233	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_110648	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	68	1.89E-06	2	943.557	-0.3	Salivary gland	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;

JHU_Ag_110724	ELEALNSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	60	2.04E-05	2	903.478	-0.51	Male reproductive organs	3R:+:49475371-49475394;3R:+:49475371-49475394;3R:+:49475371-49475394;

JHU_Ag_110872	DAEDLELQIQKIEQDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	40	0.001385611	2	1914.965	-0.36	Male reproductive organs	3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819;3R:+:49475772-49475819	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_110956	NLEHDLDNLREQVEEEAEGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	45	0.000478479	1	2367.107	0.46	Male reproductive organs	3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347;3R:+:49478288-49478347	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_111017	GQNKDQVTNSVGALCK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N9(Deamidated), C15(Carbamidomethyl),C15(Carbamidomethyl)	137	3.85E-13	1	1718.855	3.6	Larva	3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423;3R:+:49466376-49466423	exon=> In CDS Exon 6 of transcript AGAP010147-PB;exon=> In CDS Exon 6 of transcript AGAP010147-PC;exon=> In CDS Exon 6 of transcript AGAP010147-PD;exon=> In CDS Exon 6 of transcript AGAP010147-PE;exon=> In CDS Exon 6 of transcript AGAP010147-PA;exon=> In CDS Exon 6 of transcript AGAP010147-PF;exon=> In CDS Exon 6 of transcript AGAP010147-PG;exon=> In CDS Exon 6 of transcript AGAP010147-PH;exon=> In CDS Exon 6 of transcript AGAP010147-PI;exon=> In CDS Exon 6 of transcript AGAP010147-PJ;exon=> In CDS Exon 6 of transcript AGAP010147-PK
JHU_Ag_111080	EQLGISER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	49	0.000219999	2	931.485	0.44	Male reproductive organs	3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404;3R:+:49479381-49479404	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_111154	MQDLVDK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	51	0.000121175	1	864.414	1.21	Visceras	3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-49479986;3R:+:49479966-479966-49479986	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_111606	NLNDEIAHQDELINKLNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	93	5.07E-09	1	2121.105	5.29	Larva	3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-49475897;3R:+:49475844-475844-49475897	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_111668	TLNDFDASKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	42	0.000886423	1	1138.574	0.08	Ovary	3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119;3R:+:49478090-49478119	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_111783	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	58	2.79E-05	1	1734.846	2.84	Larva	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_111826	AQQELEEAEER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	102	4.53E-10	1	1331.606	-1.25	Visceras	3R:+:49480071-49480103;3R:+:49480071-49480103;3R:+:49480071-49480103;

JHU_Ag_112206	NLADEVK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	45	0.000788553	1	788.418	3.66	Larva	3R:+:49478795-49478815;3R:+:49478795-49478815;3R:+:49478795-49478815;

JHU_Ag_112243	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	54	3.06E-05	1	1287.729	1.88	Larva	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_112351	ANAEAQLWR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	79	1.78E-07	2	1058.538	-0.28	Ovary	3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401;3R:+:49478375-49478401	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_112399	AEELEEAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	52	0.000109726	1	918.441	-0.26	Midgut	3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455;3R:+:49478432-49478455	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_112491	AKLEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	107	3.06E-10	1	1888.965	7.86	Salivary gland	3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_112517	VKPLLNVSRVEDQIAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	57	3.34E-06	1	1809.064	2.76	Malpighian tubule	49473653,49475308-49475310;3R:+:49473609-49473653,49475308-49475310;3R:+:49473609-49473653,49475308-49475310;3R:+:49473609-49473653,49475308-49475310;3R:+:49473609-49473653,49475308-49475310;3R:+:49473609-49473653,49475308-49475310;3R:+:49473609-49473653,49475308-49475310;3R:+:49473609-49473653,49475308-49475310;3R:+:49	exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PB;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PC;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PD;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PE;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PA;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PF;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PG;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PH;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PI;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 and 11 of transcript AGAP010147-PK
JHU_Ag_112525	LLGVGTDDLYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	6.35E-08	1	1193.643	1.23	Pupa	3R:+:49466295-49466327;3R:+:49466295-49466327;3R:+:49466295-49466327;

JHU_Ag_112563	PKPPVQVGEDPDPTEFLFVSLEQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	146	1.94E-14	1	2738.432	14.49	Pupa	3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593;3R:+:49460522-49460593	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_112574	ELESELDSEQRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000461944	1	1490.711	1.7	Larva	3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872;3R:+:49479837-49479872	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_112644	ELTFQSEEDRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	61	1.18E-05	1	1381.662	1.95	Malpighian tubule	3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953;3R:+:49479921-49479953	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_112709	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	102	1.13E-09	1	1765.873	0.57	Malpighian tubule	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_112898	AQLELSQVRQEIDR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	44	0.000384863	1	1684.899	0.83	Ovary	3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007;3R:+:49478966-49479007	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_113025	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	62	8.83E-06	2	1043.585	0.32	Salivary gland	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_113084	LTQEAVADLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated)	91	1.48E-08	1	1244.648	0.15	Ovary	3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;

JHU_Ag_113176	NLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q9(Deamidated)	109	2.23E-10	1	1765.875	2.16	Ovary	3R:+:49475844-49475888;3R:+:49475844-49475888;3R:+:49475844-49475888;

JHU_Ag_113496	DHQIRNLNDEIAHQDELINK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q3(Deamidated), N19(Deamidated),"N6(Deamidated), N19(Deamidated)"	67	3.15E-06	1	2417.186	7.11	Head	3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888;3R:+:49475829-49475888	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_113841	LSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	3.65E-07	2	1159.636	3.77	Ovary	3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152;3R:+:49478123-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_113869	ALEQQIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q4(Deamidated)	51	8.36E-05	2	829.476	-1.69	Pupa	3R:+:49479729-49479749;3R:+:49479729-49479749;3R:+:49479729-49479749;

JHU_Ag_113912	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C9(Carbamidomethyl),"M2(Oxidation), M5(Oxidation), C9(Carbamidomethyl)","M2(Oxidation), C9(Carbamidomethyl)"	75	3.12E-07	1	1368.603	1.12	Ovary	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK
JHU_Ag_113977	QLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	2.29E-10	1	1561.771	0.37	Ovary	3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_114150	QIEEAEEIAALNLAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	107	2.33E-10	1	1641.876	4.13	Malpighian tubule	3R:+:49480017-49480061;3R:+:49480017-49480061;3R:+:49480017-49480061;

JHU_Ag_114225	GAYEEGQEQLEAVRR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	84	6.06E-08	1	1734.839	-0.75	Pupa	3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785;3R:+:49478741-49478785	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_114274	LAQEEDARNQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	34	0.006387182	1	1790.906	1.78	Salivary gland	3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735;3R:+:49475691-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_114465	ELEQTVLRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	65	3.55E-06	1	1115.638	-3.88	Head	3R:+:49476138-49476164;3R:+:49476138-49476164;3R:+:49476138-49476164;

JHU_Ag_114707	ANALQNELEESR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	89	1.62E-08	1	1373.667	0.77	Male reproductive organs	3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443;3R:+:49479408-49479443	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_114712	PKPPVQVGEDPDPTEFLFVSLEQKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N-Term(Acetyl)	127	1.24E-12	1	2894.528	12.05	Head	3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596;3R:+:49460522-49460596	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK

JHU_Ag_114815	IIGEWK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	38	0.004679103	2	745.426	2.73	Head	3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656;3R:+:49478639-49478656	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_114827	KGAGFATVSSSYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	85	5.77E-08	2	1302.671	1.86	Larva	3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305;3R:+:49470267-49470305	exon=> In CDS Exon 8 of transcript AGAP010147-PB;exon=> In CDS Exon 8 of transcript AGAP010147-PC;exon=> In CDS Exon 8 of transcript AGAP010147-PD;exon=> In CDS Exon 8 of transcript AGAP010147-PE;exon=> In CDS Exon 8 of transcript AGAP010147-PA;exon=> In CDS Exon 8 of transcript AGAP010147-PF;exon=> In CDS Exon 8 of transcript AGAP010147-PG;exon=> In CDS Exon 8 of transcript AGAP010147-PH;exon=> In CDS Exon 8 of transcript AGAP010147-PI;exon=> In CDS Exon 8 of transcript AGAP010147-PJ;exon=> In CDS Exon 8 of transcript AGAP010147-PK

JHU_Ag_114868	EGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	1.57E-05	2	1007.545	3.93	Larva	3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680;3R:+:49460654-49460680	exon=> In CDS Exon 1 of transcript AGAP010147-PB;exon=> In CDS Exon 1 of transcript AGAP010147-PC;exon=> In CDS Exon 1 of transcript AGAP010147-PD;exon=> In CDS Exon 1 of transcript AGAP010147-PE;exon=> In CDS Exon 1 of transcript AGAP010147-PA;exon=> In CDS Exon 1 of transcript AGAP010147-PF;exon=> In CDS Exon 1 of transcript AGAP010147-PG;exon=> In CDS Exon 1 of transcript AGAP010147-PH;exon=> In CDS Exon 1 of transcript AGAP010147-PI;exon=> In CDS Exon 1 of transcript AGAP010147-PJ;exon=> In CDS Exon 1 of transcript AGAP010147-PK
JHU_Ag_114953	TALLDSLSGEKGALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q18(Deamidated),Q15(Deamidated)	172	7.41E-17	1	2180.111	1.36	Pupa	3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK

JHU_Ag_115049	AKLEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	121	1.20E-11	1	1888.949	-0.41	Male reproductive organs	3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035;3R:+:49475988-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_115086	MQDLVDKLQQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M1(Oxidation)	100	1.45E-09	1	1345.711	-2.24	Midgut	3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998;3R:+:49479966-49479998	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_115099	LTQEAVADLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	93	7.73E-09	1	1244.648	0.06	Male reproductive organs	3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128;3R:+:49476096-49476128	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_115162	AQQELEEAEERADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	108	2.68E-10	1	2330.112	0.49	Male reproductive organs	3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_115242	ATDQTFAEKLMTNHLGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M11(Oxidation)	70	1.86E-06	1	1920.950	0.66	Pupa	3R:+:49469970-49470020;3R:+:49469970-49470020;3R:+:49469970-49470020;

JHU_Ag_115476	VSLEIVQR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	83	6.88E-08	2	943.556	-0.81	Visceras	3R:+:49473528-49473551;3R:+:49473528-49473551;3R:+:49473528-49473551;

JHU_Ag_115508	KLSIENSDLLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated)	91	6.11E-09	1	1287.729	1.5	Pupa	3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152;3R:+:49478120-49478152	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_115629	AQLELSQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	77	2.96E-07	1	1043.585	0.09	Male reproductive organs	3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992;3R:+:49478966-49478992	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_115787	DKEISALSAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	45	0.000367271	1	1061.586	1.86	Salivary gland	3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194;3R:+:49476165-49476194	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_115834	KLEQEIGSQK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	65	6.26E-06	2	1159.636	3.25	Malpighian tubule	3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768;3R:+:49475739-49475768	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_115861	LDEAESNALK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N7(Deamidated)	80	1.56E-07	1	1090.524	-1.81	Pupa	3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794;3R:+:49479765-49479794	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK
JHU_Ag_116083	IEELEEEVEAER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	94	6.41E-09	2	1474.697	4.31	Larva	3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293;3R:+:49476258-49476293	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_116395	QLEDAESQVSQLSK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	Q8(Deamidated),Q1(Deamidated)	96	4.23E-09	2	1561.776	3.49	Larva	3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194;3R:+:49478153-49478194	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_116480	ALEQQIKELQVR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	64	2.23E-06	1	1454.834	0.89	Head	3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764;3R:+:49479729-49479764	exon=> In CDS Exon 15 of transcript AGAP010147-PB;exon=> In CDS Exon 15 of transcript AGAP010147-PC;exon=> In CDS Exon 15 of transcript AGAP010147-PD;exon=> In CDS Exon 15 of transcript AGAP010147-PE;exon=> In CDS Exon 15 of transcript AGAP010147-PA;exon=> In CDS Exon 15 of transcript AGAP010147-PF;exon=> In CDS Exon 15 of transcript AGAP010147-PG;exon=> In CDS Exon 15 of transcript AGAP010147-PH;exon=> In CDS Exon 15 of transcript AGAP010147-PI;exon=> In CDS Exon 15 of transcript AGAP010147-PJ;exon=> In CDS Exon 15 of transcript AGAP010147-PK

JHU_Ag_116500	LEQTLDELEDSLER	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	131	1.20E-12	2	1689.822	2.58	Pupa	3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035;3R:+:49475994-49476035	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_116554	EEEFENTRK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated)	60	1.24E-05	1	1181.540	-2.56	Head	3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049;3R:+:49479023-49479049	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK

JHU_Ag_116854	AEELEEAKR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	67	3.53E-06	1	1074.542	-0.67	Midgut	3R:+:49478432-49478458;3R:+:49478432-49478458;3R:+:49478432-49478458;

JHU_Ag_116950	ACWVPEEKEGYVLGEIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C2(Carbamidomethyl)	71	1.51E-06	1	2006.994	2.5	Ovary	3R:+:49460630-49460680;3R:+:49460630-49460680;3R:+:49460630-49460680;

JHU_Ag_117127	AQQELEEAEERADIAEQAATK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	104	7.03E-10	1	2330.112	0.73	Salivary gland	3R:+:49480071-49480133;3R:+:49480071-49480133;3R:+:49480071-49480133;

JHU_Ag_117144	ELEELGERLEEAGGATSAQIELNK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	140	1.48E-13	1	2586.292	1.13	Ovary	3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410;3R:+:49476339-49476410	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK
JHU_Ag_117184	VKPLLNVSR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	34	0.000952945	2	1025.646	-0.58	Male reproductive organs	3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635;3R:+:49473609-49473635	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_117260	TALLDSLSGEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	79	1.56E-07	1	1133.606	0.97	Head	3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442;3R:+:49475410-49475442	exon=> In CDS Exon 11 of transcript AGAP010147-PB;exon=> In CDS Exon 11 of transcript AGAP010147-PC;exon=> In CDS Exon 11 of transcript AGAP010147-PD;exon=> In CDS Exon 11 of transcript AGAP010147-PE;exon=> In CDS Exon 11 of transcript AGAP010147-PA;exon=> In CDS Exon 11 of transcript AGAP010147-PF;exon=> In CDS Exon 11 of transcript AGAP010147-PG;exon=> In CDS Exon 11 of transcript AGAP010147-PH;exon=> In CDS Exon 11 of transcript AGAP010147-PI;exon=> In CDS Exon 11 of transcript AGAP010147-PJ;exon=> In CDS Exon 11 of transcript AGAP010147-PK
JHU_Ag_117331	IMSWMQAWCR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	C9(Carbamidomethyl),"M5(Oxidation),C9(Carbamidomethyl)","M2(Oxidation),M5(Oxidation),C9(Carbamidomethyl)","M2(Oxidation),C9(Carbamidomethyl)"	76	1.81E-07	1	1384.594	-1.3	Head	3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482;3R:+:49473453-49473482	exon=> In CDS Exon 10 of transcript AGAP010147-PB;exon=> In CDS Exon 10 of transcript AGAP010147-PC;exon=> In CDS Exon 10 of transcript AGAP010147-PD;exon=> In CDS Exon 10 of transcript AGAP010147-PE;exon=> In CDS Exon 10 of transcript AGAP010147-PA;exon=> In CDS Exon 10 of transcript AGAP010147-PF;exon=> In CDS Exon 10 of transcript AGAP010147-PG;exon=> In CDS Exon 10 of transcript AGAP010147-PH;exon=> In CDS Exon 10 of transcript AGAP010147-PI;exon=> In CDS Exon 10 of transcript AGAP010147-PJ;exon=> In CDS Exon 10 of transcript AGAP010147-PK

JHU_Ag_117333	DLLDQIGEGGR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	59	1.52E-05	2	1172.595	4.03	Ovary	3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848;3R:+:49478816-49478848	exon=> In CDS Exon 14 of transcript AGAP010147-PB;exon=> In CDS Exon 14 of transcript AGAP010147-PC;exon=> In CDS Exon 14 of transcript AGAP010147-PD;exon=> In CDS Exon 14 of transcript AGAP010147-PE;exon=> In CDS Exon 14 of transcript AGAP010147-PA;exon=> In CDS Exon 14 of transcript AGAP010147-PF;exon=> In CDS Exon 14 of transcript AGAP010147-PG;exon=> In CDS Exon 14 of transcript AGAP010147-PH;exon=> In CDS Exon 14 of transcript AGAP010147-PI;exon=> In CDS Exon 14 of transcript AGAP010147-PJ;exon=> In CDS Exon 14 of transcript AGAP010147-PK
JHU_Ag_117381	NQLFQTK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	51	0.000153816	1	878.471	-1.93	Head	3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735;3R:+:49475715-49475735	exon=> In CDS Exon 12 of transcript AGAP010147-PB;exon=> In CDS Exon 12 of transcript AGAP010147-PC;exon=> In CDS Exon 12 of transcript AGAP010147-PD;exon=> In CDS Exon 12 of transcript AGAP010147-PE;exon=> In CDS Exon 12 of transcript AGAP010147-PA;exon=> In CDS Exon 12 of transcript AGAP010147-PF;exon=> In CDS Exon 12 of transcript AGAP010147-PG;exon=> In CDS Exon 12 of transcript AGAP010147-PH;exon=> In CDS Exon 12 of transcript AGAP010147-PI;exon=> In CDS Exon 12 of transcript AGAP010147-PJ;exon=> In CDS Exon 12 of transcript AGAP010147-PK

JHU_Ag_117455	KGSNALMVEIFADHPGQSADPAAAK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M7(Oxidation)	74	5.68E-07	1	2525.242	-1.47	Pupa	3R:+:49470177-49470251;3R:+:49470177-49470251;3R:+:49470177-49470251;

JHU_Ag_117652	TALLDSLSGEKGALQEYQEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	-	70	1.33E-06	1	2180.111	1.36	Ovary	3R:+:49475410-49475469;3R:+:49475410-49475469;3R:+:49475410-49475469;

JHU_Ag_7981	ATKGELVTVALPGGEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	109	8.25E-11	1	1698.929	0.69	Male reproductive organs	49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PE;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PH;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PI;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PK
JHU_Ag_8903	GELVTVALPGGEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	52	5.32E-05	2	1398.748	0.55	Pupa	49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PD;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PE;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PH;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PI;exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PK

JHU_Ag_10004	VEDMADLTYLNEAAVLHNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	M4(Oxidation)	116	3.40E-11	1	2287.140	0.59	Pupa	3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325	exon=> In CDS Exon 2 of transcript AGAP010147-PB;exon=> In CDS Exon 2 of transcript AGAP010147-PC;exon=> In CDS Exon 2 of transcript AGAP010147-PD;exon=> In CDS Exon 2 of transcript AGAP010147-PE;exon=> In CDS Exon 2 of transcript AGAP010147-PA;exon=> In CDS Exon 2 of transcript AGAP010147-PF;exon=> In CDS Exon 2 of transcript AGAP010147-PG;exon=> In CDS Exon 2 of transcript AGAP010147-PH;exon=> In CDS Exon 2 of transcript AGAP010147-PI;exon=> In CDS Exon 2 of transcript AGAP010147-PK
JHU_Ag_10485	EQLSQVNPPKFEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	101	1.09E-09	1	1543.812	0.41	Male reproductive organs	3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265;3R:+:49461227-49461265	exon=> In CDS Exon 2 of transcript AGAP010147-PB;exon=> In CDS Exon 2 of transcript AGAP010147-PC;exon=> In CDS Exon 2 of transcript AGAP010147-PD;exon=> In CDS Exon 2 of transcript AGAP010147-PE;exon=> In CDS Exon 2 of transcript AGAP010147-PA;exon=> In CDS Exon 2 of transcript AGAP010147-PF;exon=> In CDS Exon 2 of transcript AGAP010147-PG;exon=> In CDS Exon 2 of transcript AGAP010147-PH;exon=> In CDS Exon 2 of transcript AGAP010147-PI;exon=> In CDS Exon 2 of transcript AGAP010147-PK

JHU_Ag_42003	GELVTVALPGGEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	72	6.01E-07	2	1398.750	1.86	Head	49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-

JHU_Ag_50516	GELVTVALPGGEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	74	3.63E-07	2	1398.745	-1.72	Midgut	49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-

JHU_Ag_65403	ATKGELVTVALPGGEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	72	4.89E-07	1	1698.927	0.04	Pupa	49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-49460725,49461209-49461214;3R:+:49460681-

JHU_Ag_87291	VEDMADLTYLNEAAVLHNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	M4(Oxidation)	48	0.000250 57	1	2303.145	4.68	Larva	3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325	exon=> In CDS Exon 2 of transcript AGAP010147-PB;exon=> In CDS Exon 2 of transcript AGAP010147-PC;exon=> In CDS Exon 2 of transcript AGAP010147-PD;exon=> In CDS Exon 2 of transcript AGAP010147-PE;exon=> In CDS Exon 2 of transcript AGAP010147-PA;exon=> In CDS Exon 2 of transcript AGAP010147-PF;exon=> In CDS Exon 2 of transcript AGAP010147-PG;exon=> In CDS Exon 2 of transcript AGAP010147-PH;exon=> In CDS Exon 2 of transcript AGAP010147-PI;exon=> In CDS Exon 2 of transcript AGAP010147-PK
JHU_Ag_92754	VEDMADLTYLNEAAVLHNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	M4(Oxidation)	143	8.10E-14	1	2303.128	-2.48	Midgut	3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325	exon=> In CDS Exon 2 of transcript AGAP010147-PB;exon=> In CDS Exon 2 of transcript AGAP010147-PC;exon=> In CDS Exon 2 of transcript AGAP010147-PD;exon=> In CDS Exon 2 of transcript AGAP010147-PE;exon=> In CDS Exon 2 of transcript AGAP010147-PA;exon=> In CDS Exon 2 of transcript AGAP010147-PF;exon=> In CDS Exon 2 of transcript AGAP010147-PG;exon=> In CDS Exon 2 of transcript AGAP010147-PH;exon=> In CDS Exon 2 of transcript AGAP010147-PI;exon=> In CDS Exon 2 of transcript AGAP010147-PK

JHU_Ag_93843	VEDMADLTYLNEAAVLHNLR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	80	1.59E-07	1	2287.148	4.12	Visceras	3R:+:49461266-49461325;3R:+:49461266-49461325;3R:+:49461266-49461325;

JHU_Ag_105703	GELVTVALPGGEEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	61	7.22E-06	2	1398.748	0.29	Male reproductive organs	49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-49460725,49461209-49461214;3R:+:49460690-

JHU_Ag_17851	ILCPQLIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	C3(Carbamidomethyl)	32	0.003143377	1	984.591	-0.17	Ovary	3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_21255	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	118	8.64E-12	1	2051.119	-4.41	Midgut	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_21893	ILCPQLIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	C3(Carbamidomethyl)	32	0.003143377	1	984.591	-0.11	Male reproductive organs	3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ

JHU_Ag_23750	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	96	1.24E-09	2	2051.127	-0.72	Male reproductive organs	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_24144	ILCPQLIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	C3(Carbamidomethyl)	32	0.003074732	1	984.593	1.7	Midgut	3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675;3R:+:49472652-49472675	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_28141	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	120	5.39E-12	1	2051.129	0.23	Pupa	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ

JHU_Ag_28260	YKILCPQLIK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	C5(Carbamidomethyl)	37	0.000626446	1	1275.755	4.06	Malpighian tubule	3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675;3R:+:49472646-49472675	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_55864	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	88	6.93E-09	1	2051.138	4.51	Larva	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_57866	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	131	4.21E-13	1	2051.134	2.73	Ovary	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ

JHU_Ag_94312	ILCPQLIKEPCSPEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	C3(Carbamidomethyl), C11(Carbamidomethyl)	96	2.99E-09	1	1811.941	0.75	Male reproductive organs	3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_95759	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	120	5.40E-12	1	2051.134	2.49	Visceras	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_99538	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	93	2.17E-09	1	2051.137	4.16	Malpighian tubule	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ

JHU_Ag_104440	VTQIVLTHIQLPEEQFR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	-	111	3.48E-11	1	2051.127	-0.72	Head	3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747;3R:+:49472697-49472747	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_108299	VTQIVLTHIQLPEEQFRMGK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	M18(Oxidation)	83	2.88E-08	1	2383.291	4.65	Malpighian tubule	3R:+:49472697-49472756;3R:+:49472697-49472756;3R:+:49472697-49472756;3R:+:49472697-49472756;3R:+:49472697-49472756;3R:+:49472697-49472756;3R:+:49472697-49472756;3R:+:49472697-49472756;3R:+:49472697-49472756	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ
JHU_Ag_110459	ILCPQLIKEPCSPEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PI,AGAP010147-PJ	C3(Carbamidomethyl), C11(Carbamidomethyl)	76	3.01E-07	1	1811.953	7.55	Malpighian tubule	3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696;3R:+:49472652-49472696	exon=> In CDS Exon 9 of transcript AGAP010147-PB;exon=> In CDS Exon 9 of transcript AGAP010147-PC;exon=> In CDS Exon 9 of transcript AGAP010147-PD;exon=> In CDS Exon 9 of transcript AGAP010147-PE;exon=> In CDS Exon 9 of transcript AGAP010147-PA;exon=> In CDS Exon 9 of transcript AGAP010147-PF;exon=> In CDS Exon 9 of transcript AGAP010147-PG;exon=> In CDS Exon 9 of transcript AGAP010147-PI;exon=> In CDS Exon 9 of transcript AGAP010147-PJ

JHU_Ag_6017	LQQFFNHHMFVLEQEEYKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PF,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated),M9(Oxidation)	149	1.83E-14	1	2495.219	0.43	Visceras	3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49467693-49467749;3R:+:49466819-49466875;3R:+:49466819-49466875	exon=> In CDS Exon 7 of transcript AGAP010147-PB;exon=> In CDS Exon 7 of transcript AGAP010147-PC;exon=> In CDS Exon 7 of transcript AGAP010147-PD;exon=> In CDS Exon 7 of transcript AGAP010147-PE;exon=> In CDS Exon 7 of transcript AGAP010147-PF;exon=> In CDS Exon 7 of transcript AGAP010147-PH;exon=> In CDS Exon 7 of transcript AGAP010147-PI;exon=> In CDS Exon 7 of transcript AGAP010147-PJ;exon=> In CDS Exon 7 of transcript AGAP010147-PK
JHU_Ag_7494	LQQFFNHHMFVLEQEEYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PF,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	N6(Deamidated),M9(Oxidation),N6(Deamidated),Q14(Deamidated),M9(Oxidation)	121	1.16E-11	1	2383.121	1.46	Head	3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49467746;3R:+:49466819-49466872;3R:+:49466819-49466872	exon=> In CDS Exon 7 of transcript AGAP010147-PB;exon=> In CDS Exon 7 of transcript AGAP010147-PC;exon=> In CDS Exon 7 of transcript AGAP010147-PD;exon=> In CDS Exon 7 of transcript AGAP010147-PE;exon=> In CDS Exon 7 of transcript AGAP010147-PF;exon=> In CDS Exon 7 of transcript AGAP010147-PH;exon=> In CDS Exon 7 of transcript AGAP010147-PI;exon=> In CDS Exon 7 of transcript AGAP010147-PJ;exon=> In CDS Exon 7 of transcript AGAP010147-PK
JHU_Ag_84206	LQQFFNHHMFVLEQEEYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PF,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	90	1.45E-08	1	2383.127	3.84	Larva	3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49467746;3R:+:49466819-49466872;3R:+:49466819-49466872	exon=> In CDS Exon 7 of transcript AGAP010147-PB;exon=> In CDS Exon 7 of transcript AGAP010147-PC;exon=> In CDS Exon 7 of transcript AGAP010147-PD;exon=> In CDS Exon 7 of transcript AGAP010147-PE;exon=> In CDS Exon 7 of transcript AGAP010147-PF;exon=> In CDS Exon 7 of transcript AGAP010147-PH;exon=> In CDS Exon 7 of transcript AGAP010147-PI;exon=> In CDS Exon 7 of transcript AGAP010147-PJ;exon=> In CDS Exon 7 of transcript AGAP010147-PK

JHU_Ag_90385	LQQFFNHHMFVLEQEEYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PF,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	105	5.68E-10	1	2367.124	0.74	Pupa	3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49467693-49467746;3R:+:49466819-49466872;3R:+:49466819-49466872	exon=> In CDS Exon 7 of transcript AGAP010147-PB;exon=> In CDS Exon 7 of transcript AGAP010147-PC;exon=> In CDS Exon 7 of transcript AGAP010147-PD;exon=> In CDS Exon 7 of transcript AGAP010147-PE;exon=> In CDS Exon 7 of transcript AGAP010147-PF;exon=> In CDS Exon 7 of transcript AGAP010147-PH;exon=> In CDS Exon 7 of transcript AGAP010147-PI;exon=> In CDS Exon 7 of transcript AGAP010147-PJ;exon=> In CDS Exon 7 of transcript AGAP010147-PK
JHU_Ag_95976	LQQFFNHHMFVLEQEEYKK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PF,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	140	1.60E-13	1	2495.216	-0.73	Pupa	3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49466819-49466875;3R:+:49467749;3R:+:49466819-49466875;3R:+:49466819-49466875	exon=> In CDS Exon 7 of transcript AGAP010147-PB;exon=> In CDS Exon 7 of transcript AGAP010147-PC;exon=> In CDS Exon 7 of transcript AGAP010147-PD;exon=> In CDS Exon 7 of transcript AGAP010147-PE;exon=> In CDS Exon 7 of transcript AGAP010147-PF;exon=> In CDS Exon 7 of transcript AGAP010147-PH;exon=> In CDS Exon 7 of transcript AGAP010147-PI;exon=> In CDS Exon 7 of transcript AGAP010147-PJ;exon=> In CDS Exon 7 of transcript AGAP010147-PK
JHU_Ag_97513	LQQFFNHHMFVLEQEEYK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PD,AGAP010147-PE,AGAP010147-PF,AGAP010147-PH,AGAP010147-PI,AGAP010147-PJ,AGAP010147-PK	M9(Oxidation)	122	1.08E-11	1	2367.122	-0.27	Visceras	3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49466819-49466872;3R:+:49467746;3R:+:49466819-49466872;3R:+:49466819-49466872	exon=> In CDS Exon 7 of transcript AGAP010147-PB;exon=> In CDS Exon 7 of transcript AGAP010147-PC;exon=> In CDS Exon 7 of transcript AGAP010147-PD;exon=> In CDS Exon 7 of transcript AGAP010147-PE;exon=> In CDS Exon 7 of transcript AGAP010147-PF;exon=> In CDS Exon 7 of transcript AGAP010147-PH;exon=> In CDS Exon 7 of transcript AGAP010147-PI;exon=> In CDS Exon 7 of transcript AGAP010147-PJ;exon=> In CDS Exon 7 of transcript AGAP010147-PK

JHU_Ag_631	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl)	77	2.39E-07	2	1163.536	-0.41	Ovary	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;

JHU_Ag_6507	TQYFAELNDARIGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C14(Carbamidomethyl)	89	1.89E-08	1	2472.157	4.23	Malpighian tubule	3R:+:49477351-49477413;3R:+:49477351-49477413;3R:+:49477351-49477413;3R:+:49477351-49477413;3R:+:49477351-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_8530	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl),"C3(Carbamidomethyl),Q5(Deamidated)"	85	3.83E-08	2	1163.536	0.01	Head	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_10359	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	89	1.71E-08	2	1327.634	4.4	Malpighian tubule	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK

JHU_Ag_12421	ERTQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	65	5.77E-06	2	1612.776	2.61	Ovary	3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_18206	ERTQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	88	2.21E-08	1	1612.765	-3.72	Head	3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_27245	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	87	2.83E-08	1	1327.628	0.17	Visceras	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK

JHU_Ag_31531	ERTQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	44	0.000530703	1	1612.753	-11.47	Malpighian tubule	3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383;3R:+:49477345-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_31840	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	N8(Deamidated)	93	6.64E-09	2	1327.627	-0.29	Midgut	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_36123	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl)	74	5.74E-07	2	1163.537	0.85	Pupa	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK

JHU_Ag_41564	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl)	79	1.64E-07	1	1163.535	-1.35	Midgut	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_55449	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl)	81	9.77E-08	2	1163.536	-0.3	Male reproductive organs	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_58267	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	N8(Deamidated),Q2(Deamidated)	96	3.58E-09	1	1327.630	1.73	Head	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK

JHU_Ag_58608	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl)	81	1.05E-07	2	1163.535	-1.14	Visceras	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_63431	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	73	6.73E-07	2	1327.633	3.85	Larva	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_66375	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	69	1.58E-06	2	1327.628	0.45	Salivary gland	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK

JHU_Ag_67363	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	90	1.18E-08	1	1327.630	1.46	Pupa	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_84823	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	-	86	3.17E-08	1	1327.628	0.54	Ovary	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_109405	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl)	79	1.66E-07	1	1163.539	2.64	Malpighian tubule	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK

JHU_Ag_115028	TQYFAELNDAR	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	N8(Deamidated)	82	7.43E-08	2	1327.628	0.17	Male reproductive organs	3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383;3R:+:49477351-49477383	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_115877	IGCDQLSNEK	AGAP010147-PB,AGAP010147-PC,AGAP010147-PE,AGAP010147-PA,AGAP010147-PF,AGAP010147-PG,AGAP010147-PH,AGAP010147-PI,AGAP010147-PK	C3(Carbamidomethyl)	65	4.23E-06	1	1163.535	-0.72	Larva	3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413;3R:+:49477384-49477413	exon=> In CDS Exon 13 of transcript AGAP010147-PB;exon=> In CDS Exon 13 of transcript AGAP010147-PC;exon=> In CDS Exon 13 of transcript AGAP010147-PE;exon=> In CDS Exon 13 of transcript AGAP010147-PA;exon=> In CDS Exon 13 of transcript AGAP010147-PF;exon=> In CDS Exon 13 of transcript AGAP010147-PG;exon=> In CDS Exon 13 of transcript AGAP010147-PH;exon=> In CDS Exon 13 of transcript AGAP010147-PI;exon=> In CDS Exon 13 of transcript AGAP010147-PK
JHU_Ag_19723	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	N8(Deamidated),"M3(Oxidation),N5(Deamidated)","M3(Oxidation),N8(Deamidated)","N2(Deamidated),M3(Oxidation),N8(Deamidated)","M3(Oxidation),N9(Deamidated)",M3(Oxidation)	81	9.02E-08	1	1339.604	-1.43	Pupa	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_20038	TACDQLSR	AGAP010147-PD,AGAP010147-PJ	C3(Carbamidomethyl)	59	1.80E-05	1	950.437	1	Visceras	3R:+:49476890-49476913;3R:+:49476890-49476913	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_25595	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	M3(Oxidation)	56	2.78E-05	2	1339.609	2.21	Malpighian tubule	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_30092	TACDQLSR	AGAP010147-PD,AGAP010147-PJ	C3(Carbamidomethyl)	60	1.24E-05	2	950.434	-1.69	Head	3R:+:49476890-49476913;3R:+:49476890-49476913	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ

JHU_Ag_55727	AEHDRANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	M8(Oxidation)	62	6.39E-06	1	1947.877	2.25	Malpighian tubule	3R:+:49476842-49476889;3R:+:49476842-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_61044	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	N5(Deamidated),M3(Oxidation)	81	8.44E-08	2	1339.605	-0.52	Head	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_61968	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	-	59	1.32E-05	2	1339.605	-1.07	Ovary	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_64915	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	M3(Oxidation)	66	1.94E-06	2	1355.604	2.33	Salivary gland	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_69024	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	M3(Oxidation)	72	4.43E-07	2	1355.604	2.24	Larva	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_74978	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	N9(Deamidated),N8(Deamidated),"M3(Oxidation),N5(Deamidated)","M3(Oxidation),N8(Deamidated)",N2(Deamidated),M3(Oxidation)	82	7.23E-08	2	1339.605	-0.89	Visceras	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_89170	ANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	M3(Oxidation)	76	2.56E-07	2	1339.604	-1.16	Midgut	3R:+:49476857-49476889;3R:+:49476857-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_106739	TACDQLSR	AGAP010147-PD,AGAP010147-PJ	C3(Carbamidomethyl)	41	0.001076315	1	950.438	2.35	Malpighian tubule	3R:+:49476890-49476913;3R:+:49476890-49476913	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_114322	AEHDRANMYNELNNTR	AGAP010147-PD,AGAP010147-PJ	M8(Oxidation)	33	0.005001977	1	1963.867	-0.32	Pupa	3R:+:49476842-49476889;3R:+:49476842-49476889	exon=> In CDS Exon 13 of transcript AGAP010147-PD;exon=> In CDS Exon 13 of transcript AGAP010147-PJ
JHU_Ag_4371	GASPAPSVVR	AGAP010147-PE	-	52	3.75E-05	2	940.522	1.29	Visceras	3R:+:49480173-49480187,49481044-49481058	exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PE
JHU_Ag_8868	GASPAPSVVRA	AGAP010147-PE	-	61	4.97E-06	1	1011.559	0.28	Visceras	3R:+:49480173-49480187,49481044-49481061	exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PE
JHU_Ag_54093	GASPAPSVVR	AGAP010147-PE	-	41	0.000443481	1	940.521	0.19	Head	3R:+:49480173-49480187,49481044-49481058	exon=> In CDS Exon 15 and 16 of transcript AGAP010147-PE
JHU_Ag_49274	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	M9(Oxidation)	120	1.54E-11	1	2539.182	0.03	Midgut	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG
JHU_Ag_56658	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	M9(Oxidation)	100	1.55E-09	1	2539.203	7.96	Ovary	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG
JHU_Ag_75994	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	M9(Oxidation)	94	5.96E-09	1	2539.197	5.73	Larva	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG
JHU_Ag_76533	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	M9(Oxidation)	139	2.10E-13	1	2523.225	14.95	Visceras	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG
JHU_Ag_76616	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	M9(Oxidation)	121	1.14E-11	1	2523.223	14	Pupa	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG

JHU_Ag_104930	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	N6(Deamidated), M9(Oxidation),"Q2(Deamidated), M9(Oxidation)",M9(Oxidation),"Q3(Deamidated), M9(Oxidation)"	142	9.37E-14	1	2523.223	13.93	Head	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG
JHU_Ag_112998	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	M9(Oxidation)	78	2.30E-07	1	2539.183	0.24	Male reproductive organs	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG
JHU_Ag_115686	LQQFFNHHMFVLEQEEYQR	AGAP010147-PG	M9(Oxidation)	40	0.001516095	1	2539.189	2.77	Malpighian tubule	3R:+:49468397-49468453	exon=> In CDS Exon 7 of transcript AGAP010147-PG
JHU_Ag_1503	CFEAIGLDPDSYR	AGAP010147-PH	C1(Carbamidomethyl)	53	5.16E-05	2	1542.692	1.66	Midgut	3R:+:49470816-49470854	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_1603	YLILAPAAMQAETEGK	AGAP010147-PH	M9(Oxidation)	106	4.13E-10	1	1721.877	-0.61	Head	3R:+:49470753-49470800	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_2103	CFEAIGLDPDSYR	AGAP010147-PH	C1(Carbamidomethyl)	74	3.85E-07	1	1542.691	1.1	Larva	3R:+:49470816-49470854	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_4796	YLILAPAAMQAETEGK	AGAP010147-PH	M9(Oxidation)	96	3.38E-09	2	1721.887	5.2	Larva	3R:+:49470753-49470800	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_7390	YLILAPAAMQAETEGKK	AGAP010147-PH	M9(Oxidation)	120	1.23E-11	1	1849.977	2	Head	3R:+:49470753-49470803	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_26945	CFEAIGLDPDSYR	AGAP010147-PH	C1(Carbamidomethyl)	90	9.98E-09	1	1542.691	1.26	Visceras	3R:+:49470816-49470854	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_28749	YLILAPAAMQAETEGKK	AGAP010147-PH	M9(Oxidation)	72	6.57E-07	2	1849.979	3.39	Malpighian tubule	3R:+:49470753-49470803	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_38688	YLILAPAAMQAETEGK	AGAP010147-PH	M9(Oxidation)	97	2.90E-09	2	1705.877	-3.67	Midgut	3R:+:49470753-49470800	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_40609	YLILAPAAMQAETEGKK	AGAP010147-PH	M9(Oxidation)	103	6.21E-10	1	1849.976	1.47	Pupa	3R:+:49470753-49470803	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_41408	YLILAPAAMQAETEGKK	AGAP010147-PH	M9(Oxidation)	56	2.73E-05	2	1849.973	0.15	Midgut	3R:+:49470753-49470803	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_49922	CFEAIGLDPDSYR	AGAP010147-PH	C1(Carbamidomethyl)	72	7.12E-07	1	1542.690	0.47	Head	3R:+:49470816-49470854	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_51909	YLILAPAAMQAETEGKK	AGAP010147-PH	M9(Oxidation)	47	0.00020287	1	1849.972	-0.31	Salivary gland	3R:+:49470753-49470803	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_53106	YLILAPAAMQAETEGK	AGAP010147-PH	M9(Oxidation)	122	1.10E-11	1	1721.878	0.16	Visceras	3R:+:49470753-49470800	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_58126	YLILAPAAMQAETEGKK	AGAP010147-PH	M9(Oxidation)	126	3.14E-12	1	1849.979	3.19	Visceras	3R:+:49470753-49470803	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_67582	YLILAPAAMQAETEGK	AGAP010147-PH	M9(Oxidation)	46	0.000355706	2	1721.885	3.99	Salivary gland	3R:+:49470753-49470800	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_78553	YLILAPAAMQAETEGKK	AGAP010147-PH	M9(Oxidation)	81	8.98E-08	2	1849.981	4.18	Larva	3R:+:49470753-49470803	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_82199	YLILAPAAMQAETEGK	AGAP010147-PH	M9(Oxidation)	83	7.57E-08	2	1721.887	5.41	Malpighian tubule	3R:+:49470753-49470800	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_82985	CFEAIGLDPDSYR	AGAP010147-PH	C1(Carbamidomethyl)	69	1.21E-06	1	1542.690	0.31	Pupa	3R:+:49470816-49470854	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_90775	YLILAPAAMQAETEGK	AGAP010147-PH	Q10(Deamidated),"M9(Oxidation), Q10(Deamidated)",M9(Oxidation)	110	1.59E-10	1	1721.879	0.59	Pupa	3R:+:49470753-49470800	exon=> In CDS Exon 9 of transcript AGAP010147-PH
JHU_Ag_655	KDLVSQVNPPK	AGAP010147-PJ	-	42	0.000265128	2	1224.693	-1.77	Pupa	3R:+:49461643-49461675	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_7741	DLVSQVNPPKYEK	AGAP010147-PJ	-	66	3.48E-06	1	1516.801	0.53	Midgut	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_8254	DLVSQVNPPKYEK	AGAP010147-PJ	-	74	4.72E-07	1	1516.806	3.58	Larva	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ

JHU_Ag_12012	DLVSQVNPPK	AGAP010147-PJ	-	83	5.02E-08	1	1096.601	0.98	Visceras	3R:+:49461646-49461675	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_12797	DLVSQVNPPK	AGAP010147-PJ	-	83	4.52E-08	1	1096.599	-0.75	Pupa	3R:+:49461646-49461675	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_19181	KDLVSQVNPPK	AGAP010147-PJ	-	34	0.001707871	2	1224.693	-1.17	Visceras	3R:+:49461643-49461675	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_22348	CEDMSNLTYLNDASVLHNLR	AGAP010147-PJ	C1(Carbamidomethyl),"C1(Carbamidomethyl), M4(Oxidation)"	168	1.68E-16	1	2381.082	-1.85	Midgut	3R:+:49461685-49461744	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_27864	GELVTVALPGGETK	AGAP010147-PJ	-	78	1.74E-07	2	1370.758	3.8	Larva	3R:+:49460690-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_30864	GELVTVALPGGETK	AGAP010147-PJ	-	62	6.72E-06	1	1370.754	0.86	Midgut	3R:+:49460690-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_31704	CEDMSNLTYLNDASVLHNLR	AGAP010147-PJ	C1(Carbamidomethyl), M4(Oxidation)	149	1.69E-14	1	2381.092	2.61	Ovary	3R:+:49461685-49461744	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_32402	CEDMSNLTYLNDASVLHNLR	AGAP010147-PJ	C1(Carbamidomethyl),"C1(Carbamidomethyl), M4(Oxidation), N6(Deamidated)","C1(Carbamidomethyl), M4(Oxidation)"	171	8.85E-17	1	2381.084	-1.01	Head	3R:+:49461685-49461744	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_41667	ATKGELVTVALPGGETK	AGAP010147-PJ	-	83	2.21E-08	1	1670.942	5.48	Malpighian tubule	3R:+:49460681-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_42854	DLVSQVNPPK	AGAP010147-PJ	-	41	0.000648997	2	1096.602	2.36	Malpighian tubule	3R:+:49461646-49461675	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_43646	ATKGELVTVALPGGETK	AGAP010147-PJ	-	99	6.92E-10	1	1670.934	1.17	Male reproductive organs	3R:+:49460681-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_44484	ATKGELVTVALPGGETK	AGAP010147-PJ	-	116	1.35E-11	1	1670.934	0.88	Pupa	3R:+:49460681-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_46399	CEDMSNLTYLNDASVLHNLR	AGAP010147-PJ	C1(Carbamidomethyl),"C1(Carbamidomethyl), M4(Oxidation)"	176	3.33E-17	1	2365.093	0.97	Pupa	3R:+:49461685-49461744	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_52007	DLVSQVNPPKYEK	AGAP010147-PJ	-	81	1.16E-07	1	1516.800	-0.6	Pupa	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_54040	DLVSQVNPPKYEK	AGAP010147-PJ	-	73	6.44E-07	1	1516.802	1.09	Ovary	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_58734	GELVTVALPGGETK	AGAP010147-PJ	-	66	2.40E-06	2	1370.756	2.2	Visceras	3R:+:49460690-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_60229	DLVSQVNPPK	AGAP010147-PJ	-	77	1.68E-07	1	1096.603	3.14	Larva	3R:+:49461646-49461675	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_63584	GELVTVALPGGETK	AGAP010147-PJ	-	65	2.85E-06	2	1370.753	0.42	Male reproductive organs	3R:+:49460690-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_70213	CEDMSNLTYLNDASVLHNLR	AGAP010147-PJ	C1(Carbamidomethyl), M4(Oxidation)	169	1.72E-16	1	2381.097	4.45	Larva	3R:+:49461685-49461744	exon=> In CDS Exon 2 of transcript AGAP010147-PJ

JHU_Ag_71245	CEDMSNLTYLNDASVLHNLR	AGAP010147-PJ	C1(Carbamidomethyl), N6(Deamidated),C1(Carbamidomethyl),"C1(Carbamidomethyl), N11(Deamidated)","C1(Carbamidomethyl), M4(Oxidation)"	184	5.69E-18	1	2365.097	2.59	Visceras	3R:+:49461685-49461744	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_76605	DLVSQVNPPKYEK	AGAP010147-PJ	-	86	3.49E-08	1	1516.803	1.65	Visceras	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_86161	GELVTVALPGGETK	AGAP010147-PJ	-	63	5.15E-06	2	1370.759	4.33	Ovary	3R:+:49460690-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_95316	GELVTVALPGGETK	AGAP010147-PJ	-	91	8.57E-09	2	1370.752	-0.47	Pupa	3R:+:49460690-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_97218	DLVSQVNPPK	AGAP010147-PJ	-	75	3.35E-07	2	1096.599	-0.87	Head	3R:+:49461646-49461675	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_98374	DLVSQVNPPKYEK	AGAP010147-PJ	-	81	1.01E-07	1	1516.802	0.61	Male reproductive organs	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_104021	DLVSQVNPPKYEK	AGAP010147-PJ	-	90	1.35E-08	1	1516.807	4.31	Malpighian tubule	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_108754	GELVTVALPGGETK	AGAP010147-PJ	-	58	1.51E-05	1	1370.754	1.13	Head	3R:+:49460690-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_114595	DLVSQVNPPKYEK	AGAP010147-PJ	-	91	1.11E-08	1	1516.799	-1.16	Head	3R:+:49461646-49461684	exon=> In CDS Exon 2 of transcript AGAP010147-PJ
JHU_Ag_117822	ATKGELVTVALPGGETK	AGAP010147-PJ	-	66	1.17E-06	1	1670.940	4.68	Larva	3R:+:49460681-49460725,49461628-49461633	exon=> In CDS Exon 1 and 2 of transcript AGAP010147-PJ
JHU_Ag_3283	CAQVIMDAAGLDSELYR	AGAP010147-PK	C1(Carbamidomethyl),"C1(Carbamidomethyl), M6(Oxidation)"	157	2.78E-15	2	1911.897	1.32	Head	3R:+:49471382-49471432	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_9694	CAQVIMDAAGLDSELYR	AGAP010147-PK	C1(Carbamidomethyl), Q3(Deamidated), M6(Oxidation)	80	9.39E-08	2	1928.873	0.02	Ovary	3R:+:49471382-49471432	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_23644	YMILNPK	AGAP010147-PK	M2(Oxidation)	44	0.000508723	2	894.474	-1.43	Head	3R:+:49471331-49471351	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_28290	CAQVIMDAAGLDSELYR	AGAP010147-PK	C1(Carbamidomethyl),"C1(Carbamidomethyl), M6(Oxidation)"	108	2.23E-10	1	1927.895	3.19	Malpighian tubule	3R:+:49471382-49471432	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_33392	YMILNPK	AGAP010147-PK	M2(Oxidation)	40	0.001119874	1	894.475	-0.34	Male reproductive organs	3R:+:49471331-49471351	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_61429	LGNTKVFFR	AGAP010147-PK	-	67	7.59E-07	1	1081.617	1.3	Malpighian tubule	3R:+:49471433-49471447,49473390-49473401	exon=> In CDS Exon 9 and 10 of transcript AGAP010147-PK
JHU_Ag_77418	YMILNPK	AGAP010147-PK	M2(Oxidation)	46	0.000313187	1	894.479	4.32	Malpighian tubule	3R:+:49471331-49471351	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_79230	YMILNPK	AGAP010147-PK	M2(Oxidation)	39	0.001755825	2	894.474	-1.5	Visceras	3R:+:49471331-49471351	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_85598	LRYMILNPK	AGAP010147-PK	M4(Oxidation)	48	0.000101572	1	1163.662	1.27	Malpighian tubule	3R:+:49470507-49470511,49471330-49471351	exon=> In CDS Exon 8 and 9 of transcript AGAP010147-PK
JHU_Ag_97571	CAQVIMDAAGLDSELYR	AGAP010147-PK	C1(Carbamidomethyl), M6(Oxidation)	52	7.74E-05	2	1927.901	6.1	Larva	3R:+:49471382-49471432	exon=> In CDS Exon 9 of transcript AGAP010147-PK
JHU_Ag_25850	IHDTLYDFTDFIER	AGAP010150-PA	-	42	0.000936443	1	1784.854	2.79	Visceras	3R:-:49505582-49505541	exon=> In CDS Exon 1 of transcript AGAP010150-PA

JHU_Ag_42674	IHDTLYDFTDFIER	AGAP010150-PA	-	84	5.61E-08	2	1784.860	6.02	Malpighian tubule	3R:-:49505582-49505541	exon=> In CDS Exon 1 of transcript AGAP010150-PA
JHU_Ag_51395	ATNYITTISK	AGAP010150-PA	N-Term(Acetyl)	42	0.000709887	2	1153.611	1.02	Malpighian tubule	3R:-:49505705-49505676	exon=> In CDS Exon 1 of transcript AGAP010150-PA
JHU_Ag_91459	IHDTLYDFTDFIER	AGAP010150-PA	-	113	6.36E-11	1	1784.856	3.9	Head	3R:-:49505582-49505541	exon=> In CDS Exon 1 of transcript AGAP010150-PA
JHU_Ag_99114	IHDTLYDFTDFIER	AGAP010150-PA	-	56	3.59E-05	1	1784.847	-1.1	Male reproductive organs	3R:-:49505582-49505541	exon=> In CDS Exon 1 of transcript AGAP010150-PA
JHU_Ag_106338	IHDTLYDFTDFIER	AGAP010150-PA	-	96	3.57E-09	1	1784.858	5.26	Midgut	3R:-:49505582-49505541	exon=> In CDS Exon 1 of transcript AGAP010150-PA
JHU_Ag_36157	ATVVVDYSCITPTNR	AGAP010152-PA	C9(Carbamidomethyl)	45	0.000448139	2	1695.848	6.61	Ovary	3R:-:49514552-49514508	exon=> In CDS Exon 1 of transcript AGAP010152-PA
JHU_Ag_76628	LNLASLQPDNIPFKPFTNK	AGAP010152-PA	-	52	3.95E-05	1	2157.170	0.04	Ovary	3R:-:49514364-49514308	exon=> In CDS Exon 2 of transcript AGAP010152-PA
JHU_Ag_19474	TQLINVHGFTK	AGAP010153-PA	-	43	0.000617936	2	1257.691	-3.34	Ovary	3R:-:49515997-49516150,49515450-49515903	exon=> In CDS Exon 2 and 1 of transcript AGAP010153-PA
JHU_Ag_234	VLLTEISSAK	AGAP010156-PA	-	63	2.26E-06	1	1060.627	1.75	Salivary gland	3R:+:49550213-49550242	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_809	VANFVYNLYK	AGAP010156-PA	-	49	0.000239441	2	1230.652	-0.18	Midgut	3R:+:49550329-49550358	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_2758	TIAIIAEGIPENLTR	AGAP010156-PA	-	104	1.33E-10	1	1610.914	1.91	Head	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_3709	WGEIDYPPPFGR	AGAP010156-PA	-	68	2.65E-06	2	1433.692	4.92	Head	3R:+:49550485-49550520	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_6247	DAFPEEAYIADLDAK	AGAP010156-PA	-	80	1.49E-07	2	1667.792	7.22	Salivary gland	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_6932	LEVPVGTDVTMAEIEK	AGAP010156-PA	M11(Oxidation)	84	6.17E-08	1	1746.888	2.52	Ovary	3R:+:49550165-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_7017	LIEHNVSIFVR	AGAP010156-PA	-	45	0.000199469	1	1326.754	0.7	Ovary	3R:+:49550893-49550925	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_9517	VANFVYNLYK	AGAP010156-PA	-	59	2.02E-05	1	1230.653	1.31	Pupa	3R:+:49550329-49550358	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_10331	WGEIDYPPPFGR	AGAP010156-PA	-	51	0.000135929	2	1433.685	0.24	Ovary	3R:+:49550485-49550520	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_11462	DAFPEEAYIADLDAK	AGAP010156-PA	-	91	1.03E-08	1	1667.780	-0.17	Ovary	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_13658	VDATADFICRPK	AGAP010156-PA	C9(Carbamidomethyl)	76	4.76E-07	1	1392.694	0.13	Male reproductive organs	3R:+:49550449-49550484	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_14043	ITSPATSPVGEAGAAR	AGAP010156-PA	-	69	1.69E-06	2	1484.773	1.81	Head	3R:+:49552330-49552377	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_14290	DAFPEEAYIADLDAK	AGAP010156-PA	-	38	0.002568273	2	1667.784	2.25	Midgut	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_14342	HKEADVLVNFASLR	AGAP010156-PA	-	60	8.54E-06	1	1598.873	4.84	Malpighian tubule	3R:+:49552704-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_14718	SAYDSSVEVLDYPQIR	AGAP010156-PA	-	60	1.73E-05	1	1841.893	0.87	Salivary gland	3R:+:49552746-49552793	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_14768	IGNTGGMLDNIIHSKLYR	AGAP010156-PA	M7(Oxidation)	60	1.35E-05	1	2018.052	1.76	Malpighian tubule	3R:+:49552923-49552976	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_14910	TIAIIAEGIPENLTR	AGAP010156-PA	-	41	0.000269999	2	1610.915	2.06	Visceras	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_16353	HKEADVLVNFASLR	AGAP010156-PA	-	85	3.16E-08	1	1598.871	3.46	Head	3R:+:49552704-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_16519	WGEIDYPPPFGR	AGAP010156-PA	-	42	0.000970543	2	1433.683	-1.3	Pupa	3R:+:49550485-49550520	exon=> In CDS Exon 4 of transcript AGAP010156-PA

JHU_Ag_17204	IGNTGGMLDNIIHSK	AGAP010156-PA	M7(Oxidation)	80	1.31E-07	1	1585.808	5.08	Malpighian tubule	3R:+:49552923-49552967	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_17786	LEVPVGTDVTMAEIEK	AGAP010156-PA	-	86	3.23E-08	1	1730.891	1.86	Visceras	3R:+:49550165-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_18462	EIGSSLGIPLYVFGPETHMTAICGMALGK	AGAP010156-PA	M19(Oxidation), C23(Carbamidomethyl),"C23(Carbamidomethyl), M25(Oxidation)"	64	4.57E-06	1	3065.518	1.12	Visceras	3R:+:49550968-49550986,49551064-49551131	exon=> In CDS Exon 4 and 5 of transcript AGAP010156-PA
JHU_Ag_19326	TILSLMTSSPK	AGAP010156-PA	M6(Oxidation)	40	0.001403106	2	1193.645	0.04	Malpighian tubule	3R:+:49550752-49550784	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_19544	ITSPATSPVGEAGAAR	AGAP010156-PA	-	58	1.84E-05	2	1484.771	0.17	Visceras	3R:+:49552330-49552377	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_20949	GQELLYAGMPISDVLQK	AGAP010156-PA	M9(Oxidation)	48	0.000225638	2	1877.977	4.68	Salivary gland	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_21386	GQELLYAGMPISDVLQK	AGAP010156-PA	M9(Oxidation)	64	5.89E-06	2	1877.976	4.49	Midgut	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_21856	VANFVYNLYK	AGAP010156-PA	-	55	5.69E-05	2	1230.653	0.81	Head	3R:+:49550329-49550358	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_22250	EADVLVNFASLR	AGAP010156-PA	-	77	3.25E-07	2	1333.715	2.56	Malpighian tubule	3R:+:49552710-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_22755	DEPSVVAMVYPFTGYHR	AGAP010156-PA	M8(Oxidation)	54	7.10E-05	1	1967.935	1.65	Visceras	3R:+:49552581-49552631	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_23613	TIAIIAEGIPENLTR	AGAP010156-PA	-	75	9.67E-08	2	1610.915	2.29	Midgut	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_25291	ALAEAGAHVPASFDAFGDMIGSVYESMVK	AGAP010156-PA	M19(Oxidation), M27(Oxidation)	129	1.73E-12	1	3002.391	0.04	Malpighian tubule	3R:+:49553349-49553435	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_25472	WGEIDYPPPFGR	AGAP010156-PA	-	46	0.000466464	2	1433.692	4.92	Malpighian tubule	3R:+:49550485-49550520	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_26214	ALKLEVPVGTDVTMAEIEK	AGAP010156-PA	-	58	1.26E-05	3	2043.109	2.33	Pupa	3R:+:49550156-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_27694	LIEHNVSIFVR	AGAP010156-PA	-	51	5.20E-05	1	1326.755	1.31	Salivary gland	3R:+:49550893-49550925	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_28153	VLLTEISSAK	AGAP010156-PA	-	65	1.66E-06	1	1060.625	0.02	Ovary	3R:+:49550213-49550242	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_28501	HKEADVLVNFASLR	AGAP010156-PA	-	52	5.42E-05	1	1598.872	4.26	Salivary gland	3R:+:49552704-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_29291	EADVLVNFASLR	AGAP010156-PA	-	70	1.37E-06	2	1333.712	0.73	Visceras	3R:+:49552710-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_31066	DAFPEEAYIADLDAK	AGAP010156-PA	-	72	9.24E-07	2	1667.780	-0.02	Male reproductive organs	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_31448	VDATADFICRPK	AGAP010156-PA	C9(Carbamidomethyl)	56	4.41E-05	1	1392.696	1.62	Visceras	3R:+:49550449-49550484	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_31589	LEVPVGTDVTMAEIEK	AGAP010156-PA	M11(Oxidation)	90	1.27E-08	2	1730.887	-0.96	Midgut	3R:+:49550165-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_34476	TILSLMTSSPK	AGAP010156-PA	M6(Oxidation)	48	0.000179093	2	1193.647	1.57	Ovary	3R:+:49550752-49550784	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_34929	TIAIIAEGIPENLTR	AGAP010156-PA	-	105	1.09E-10	1	1610.917	3.27	Malpighian tubule	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_35482	ITSPATSPVGEAGAAR	AGAP010156-PA	-	104	5.26E-10	1	1484.775	2.8	Malpighian tubule	3R:+:49552330-49552377	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_36569	VLLTEISSAK	AGAP010156-PA	-	43	0.000226567	2	1060.625	-0.32	Head	3R:+:49550213-49550242	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_36748	DAFPEEAYIADLDAK	AGAP010156-PA	-	101	1.20E-09	1	1667.784	2.17	Head	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_36853	LEVPVGTDVTMAEIEK	AGAP010156-PA	M11(Oxidation)	112	9.64E-11	1	1746.886	1.82	Malpighian tubule	3R:+:49550165-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA

JHU_Ag_37758	EIGSSLGIPLYVFGPETHMTAICGMALGK	AGAP010156-PA	M19(Oxidation), C23(Carbamidomethyl), M25(Oxidation)	42	0.00079932	1	3081.526	5.41	Malpighian tubule	3R:+:49550968-49550986,49551064-49551131	exon=> In CDS Exon 4 and 5 of transcript AGAP010156-PA
JHU_Ag_38187	LIEHNVSIFVR	AGAP010156-PA	-	54	2.93E-05	2	1326.754	1.16	Viscera	3R:+:49550893-49550925	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_38746	YPGTTFMDHIMR	AGAP010156-PA	M7(Oxidation), M11(Oxidation)	46	0.000189317	2	1500.662	0.73	Head	3R:+:49553091-49553126	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_38911	MIVLLGEVGGVEEYEVCEALKDGR	AGAP010156-PA	M1(Oxidation), C17(Carbamidomethyl),C17(Carbamidomethyl)	54	5.72E-05	1	2681.330	5.2	Head	3R:+:49553151-49553222	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_38950	ALKLEVPVGTDVTMAEIEK	AGAP010156-PA	M14(Oxidation)	116	2.04E-11	1	2059.107	3.86	Malpighian tubule	3R:+:49550156-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_39974	NVAIIGPATVGGVKPGCFK	AGAP010156-PA	C17(Carbamidomethyl)	65	1.58E-06	1	1885.035	-0.77	Salivary gland	3R:+:49552866-49552922	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_40576	LEVPVGTDVTMAEIEK	AGAP010156-PA	M11(Oxidation)	114	5.35E-11	1	1730.891	1.79	Head	3R:+:49550165-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_40590	EIGSSLGIPLYVFGPETHMTAICGMALGK	AGAP010156-PA	M19(Oxidation), C23(Carbamidomethyl),"C23(Carbamidomethyl), M25(Oxidation)"	62	8.45E-06	1	3065.513	-0.56	Ovary	3R:+:49550968-49550986,49551064-49551131	exon=> In CDS Exon 4 and 5 of transcript AGAP010156-PA
JHU_Ag_41001	RAGPNYQEGLR	AGAP010156-PA	-	38	0.003247229	1	1260.650	4.07	Malpighian tubule	3R:+:49550926-49550958	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_41041	TIAIIAEGIPENLTR	AGAP010156-PA	-	73	1.64E-07	1	1610.914	1.91	Ovary	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_41050	DAFPEEAYIADLDAKSGASLK	AGAP010156-PA	-	56	4.06E-05	1	2211.089	3.49	Malpighian tubule	3R:+:49550521-49550583	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_41755	SSPTEIGSNAYR	AGAP010156-PA	-	60	1.62E-05	2	1281.610	2.26	Ovary	3R:+:49552378-49552413	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_43424	NVGIGGVVSLLWFQR	AGAP010156-PA	-	91	4.90E-09	1	1644.927	2.7	Head	3R:+:49553613-49553657	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_44645	ERNVAIIGPATVGGVKPGCFK	AGAP010156-PA	C19(Carbamidomethyl)	91	4.42E-09	1	2170.186	2.46	Head	3R:+:49552860-49552922	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_44845	TILSLMTSSPK	AGAP010156-PA	M6(Oxidation)	63	3.93E-06	2	1177.652	2.04	Salivary gland	3R:+:49550752-49550784	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_45465	VANFVYNLYK	AGAP010156-PA	-	58	3.12E-05	2	1230.653	1.21	Male reproductive organs	3R:+:49550329-49550358	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_47106	DAFPEEAYIADLDAK	AGAP010156-PA	-	66	3.78E-06	1	1667.783	1.59	Pupa	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_47477	SSPTEIGSNAYR	AGAP010156-PA	-	81	1.20E-07	1	1281.607	-0.12	Head	3R:+:49552378-49552413	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_47553	ALKLEVPVGTDVTMAEIEK	AGAP010156-PA	-	59	1.11E-05	1	2043.105	0.27	Ovary	3R:+:49550156-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_47693	AGPNYQEGLRK	AGAP010156-PA	-	54	7.68E-05	1	1232.644	4.63	Malpighian tubule	3R:+:49550929-49550961	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_48577	ERNVAIIGPATVGGVKPGCFK	AGAP010156-PA	C19(Carbamidomethyl)	144	2.05E-14	1	2170.188	3.47	Malpighian tubule	3R:+:49552860-49552922	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_48962	VLLTEISSAKK	AGAP010156-PA	-	40	0.000180503	1	1188.723	2.59	Malpighian tubule	3R:+:49550213-49550245	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_50223	KPASFMTSICDER	AGAP010156-PA	M6(Oxidation), C10(Carbamidomethyl)	40	0.001037386	2	1557.707	2.34	Head	3R:+:49553523-49553561	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_50586	LIEHNVSIFVR	AGAP010156-PA	-	77	1.51E-07	1	1326.756	2.08	Head	3R:+:49550893-49550925	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_50812	SAYDSSVEVLDYPQIR	AGAP010156-PA	-	95	5.56E-09	1	1841.891	-0.59	Malpighian tubule	3R:+:49552746-49552793	exon=> In CDS Exon 7 of transcript AGAP010156-PA

JHU_Ag_50813	VLLTEISSAK	AGAP010156-PA	-	66	1.23E-06	1	1060.628	2.67	Malpighian tubule	3R:+:49550213-49550242	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_51130	SSPTEIGSNAYR	AGAP010156-PA	-	74	6.23E-07	2	1281.613	4.83	Salivary gland	3R:+:49552378-49552413	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_51137	LIEHNVSIFVR	AGAP010156-PA	-	51	5.13E-05	1	1326.756	1.99	Malpighian tubule	3R:+:49550893-49550925	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_51397	GQELLYAGMPISDVLQK	AGAP010156-PA	M9(Oxidation)	128	2.09E-12	1	1861.979	3.11	Head	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_51436	KPIAK	AGAP010156-PA	-	26	0.003490948	1	556.382	-0.38	Head	3R:+:49551132-49551146	exon=> In CDS Exon 5 of transcript AGAP010156-PA
JHU_Ag_51860	VDATADFICRPK	AGAP010156-PA	C9(Carbamidomethyl)	96	4.77E-09	1	1392.696	1.09	Head	3R:+:49550449-49550484	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_54203	VLITGGGIANFTNVAATFSGIITALR	AGAP010156-PA	-	54	9.49E-06	3	2577.452	4.67	Head	3R:+:49550800-49550877	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_56098	TKAIVWGMQTR	AGAP010156-PA	M8(Oxidation)	51	7.66E-05	1	1290.704	3.69	Malpighian tubule	3R:+:49552432-49552464	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_56403	VANFVYNLYK	AGAP010156-PA	-	63	9.38E-06	1	1230.657	4.18	Salivary gland	3R:+:49550329-49550358	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_58105	VLITGGGIANFTNVAATFSGIITALR	AGAP010156-PA	-	112	1.90E-11	1	2577.436	-1.44	Midgut	3R:+:49550800-49550877	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_59148	SGGMSNELNNILSLTTDGVYEGVAIGGDRYPGTTFMDHIMR	AGAP010156-PA	M4(Oxidation), M36(Oxidation), M40(Oxidation)	130	8.84E-13	1	4437.045	0.27	Head	3R:+:49553004-49553126	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_59908	SAYDSSVEVLDYPQIR	AGAP010156-PA	-	96	4.19E-09	1	1841.893	0.87	Ovary	3R:+:49552746-49552793	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_60559	DAFPEEAYIADLDAK	AGAP010156-PA	-	94	5.87E-09	1	1667.783	2.1	Malpighian tubule	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_60780	SAYDSSVEVLDYPQIR	AGAP010156-PA	-	90	1.71E-08	1	1841.894	1.33	Visceras	3R:+:49552746-49552793	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_60855	GQELLYAGMPISDVLQK	AGAP010156-PA	-	68	1.79E-06	1	1861.976	1.6	Pupa	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_62247	NVAIIGPATVGGVKPGCFK	AGAP010156-PA	C17(Carbamidomethyl)	90	5.57E-09	1	1885.042	2.99	Malpighian tubule	3R:+:49552866-49552922	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_62443	TIAIIAEGIPENLTR	AGAP010156-PA	-	90	3.68E-09	1	1610.911	-0.29	Salivary gland	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_63132	EADVLVNFASLR	AGAP010156-PA	-	67	2.66E-06	2	1333.716	3.75	Pupa	3R:+:49552710-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_63496	EVLIPVYSK	AGAP010156-PA	-	37	0.001059969	1	1047.610	1.29	Head	3R:+:49552656-49552682	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_63889	TIAIIAEGIPENLTR	AGAP010156-PA	-	67	6.17E-07	2	1610.915	2.59	Pupa	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_65262	NVAIIGPATVGGVKPGCFK	AGAP010156-PA	C17(Carbamidomethyl)	109	5.52E-11	1	1885.041	2.34	Visceras	3R:+:49552866-49552922	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_67154	VLITGGGIANFTNVAATFSGIITALR	AGAP010156-PA	-	41	0.000175058	3	2577.444	1.47	Salivary gland	3R:+:49550800-49550877	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_67875	EGLIVPAEEVPPPTVPMDYSWAR	AGAP010156-PA	M17(Oxidation)	37	0.002761762	2	2569.272	3.05	Head	3R:+:49553436-49553504	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_68421	NVAIIGPATVGGVKPGCFK	AGAP010156-PA	C17(Carbamidomethyl)	94	2.14E-09	1	1885.033	-1.8	Ovary	3R:+:49552866-49552922	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_69831	DEPSVVAMVYPFTGYHR	AGAP010156-PA	M8(Oxidation)	83	7.44E-08	1	1983.928	0.7	Ovary	3R:+:49552581-49552631	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_71415	EADVLVNFASLR	AGAP010156-PA	-	67	3.07E-06	2	1333.712	0.73	Ovary	3R:+:49552710-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_71712	GQELLYAGMPISDVLQK	AGAP010156-PA	M9(Oxidation)	67	2.31E-06	2	1861.976	1.73	Ovary	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA

JHU_Ag_73754	DEPSVVAMVYPFTGYHR	AGAP010156-PA	M8(Oxidation)	71	1.19E-06	1	1983.930	1.75	Salivary gland	3R:+:49552581-49552631	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_73949	NVAIIGPATVGGVKPGCFK	AGAP010156-PA	C17(Carbamidomethyl)	113	2.38E-11	1	1885.040	1.76	Head	3R:+:49552866-49552922	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_74461	IGNTGGMLDNIIHSK	AGAP010156-PA	-	35	0.003909224	2	1569.797	-5.11	Ovary	3R:+:49552923-49552967	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_75131	GQELLYAGMPISDVLQK	AGAP010156-PA	-	53	5.43E-05	1	1861.983	5.66	Visceras	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_75292	GQELLYAGMPISDVLQK	AGAP010156-PA	M9(Oxidation)	116	3.29E-11	1	1861.976	1.73	Malpighian tubule	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_76204	FFEMCLMVTADHGPAVSGAHNTIVCAR	AGAP010156-PA	M4(Oxidation), C5(Carbamidomethyl), M7(Oxidation), C25(Carbamidomethyl)	96	2.81E-09	1	3023.372	2.81	Head	3R:+:49553682-49553762	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_76206	IGNTGGMLDNIIHSK	AGAP010156-PA	M7(Oxidation)	108	1.80E-10	1	1585.801	0.69	Head	3R:+:49552923-49552967	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_78795	NVGIGGVVSLLWFQR	AGAP010156-PA	-	107	1.09E-10	1	1644.926	2.25	Salivary gland	3R:+:49553613-49553657	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_79092	EADVLVNFASLR	AGAP010156-PA	-	67	3.05E-06	2	1333.713	1.1	Salivary gland	3R:+:49552710-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_79392	AIVWGMQTR	AGAP010156-PA	M6(Oxidation)	41	0.001441627	1	1077.550	-1.1	Salivary gland	3R:+:49552438-49552464	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_80574	SAYDSSVEVLDYPQIR	AGAP010156-PA	-	99	1.99E-09	1	1841.898	3.25	Head	3R:+:49552746-49552793	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_80748	AGSVAYVSR	AGAP010156-PA	-	36	0.003109552	2	909.478	-0.56	Head	3R:+:49552977-49553003	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_80820	SSPTEIGSNAYR	AGAP010156-PA	-	77	3.07E-07	1	1281.612	3.6	Malpighian tubule	3R:+:49552378-49552413	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_81717	LIEHNVSIFVR	AGAP010156-PA	-	63	2.56E-06	1	1326.752	-0.49	Midgut	3R:+:49550893-49550925	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_81825	LIEHNVSIFVR	AGAP010156-PA	-	41	0.000478492	1	1326.752	-0.69	Male reproductive organs	3R:+:49550893-49550925	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_83169	ALAEAGAHVPASFDAFGDMIGSVYESMVK	AGAP010156-PA	M19(Oxidation), M27(Oxidation)	120	1.26E-11	1	3002.391	-0.02	Head	3R:+:49553349-49553435	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_84926	EADVLVNFASLR	AGAP010156-PA	-	56	4.11E-05	2	1333.714	1.92	Male reproductive organs	3R:+:49552710-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_85767	VDATADFICRPK	AGAP010156-PA	C9(Carbamidomethyl)	88	2.49E-08	1	1392.700	4.33	Malpighian tubule	3R:+:49550449-49550484	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_85782	AGPNYQEGLR	AGAP010156-PA	-	35	0.005854333	2	1104.543	-0.47	Head	3R:+:49550929-49550958	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_86172	EADVLVNFASLR	AGAP010156-PA	-	99	2.06E-09	2	1333.713	1.19	Head	3R:+:49552710-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_86361	KPASFMTSICDERGQELLYAGMPISDVLQK	AGAP010156-PA	M6(Oxidation), C10(Carbamidomethyl),"M6(Oxidation), C10(Carbamidomethyl), M22(Oxidation)"	56	3.02E-05	1	3416.678	7.16	Malpighian tubule	3R:+:49553523-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_86397	EIGSSLGIPLYVFGPETHMTAICGMALGK	AGAP010156-PA	M19(Oxidation), C23(Carbamidomethyl), M25(Oxidation),"M19(Oxidation), C23(Carbamidomethyl)","C23(Carbamidomethyl), M25(Oxidation)"	72	6.88E-07	1	3065.526	3.68	Head	3R:+:49550968-49550986,49551064-49551131	exon=> In CDS Exon 4 and 5 of transcript AGAP010156-PA

JHU_Ag_89133	RAGPNYQEGLR	AGAP010156-PA	-	62	1.15E-05	1	1260.647	1.68	Head	3R:+:49550926-49550958	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_89410	VLLTEISSAK	AGAP010156-PA	-	50	4.44E-05	2	1060.625	-0.09	Male reproductive organs	3R:+:49550213-49550242	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_90734	KITSPATSPVGEAGAAR	AGAP010156-PA	-	92	5.34E-09	1	1612.869	2.42	Malpighian tubule	3R:+:49552327-49552377	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_91694	ITSPATSPVGEAGAAR	AGAP010156-PA	-	58	2.22E-05	1	1484.769	-1.23	Ovary	3R:+:49552330-49552377	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_92053	VANFVYNLYK	AGAP010156-PA	-	61	1.44E-05	2	1230.655	2.79	Malpighian tubule	3R:+:49550329-49550358	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_92288	HKEADVLVNFASLR	AGAP010156-PA	-	32	0.005546316	1	1598.865	0.14	Ovary	3R:+:49552704-49552745	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_93808	NVGIGGVVSLLWFQR	AGAP010156-PA	-	28	0.010050322	1	1644.922	-0.2	Midgut	3R:+:49553613-49553657	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_94924	VDATADFICRPK	AGAP010156-PA	C9(Carbamidomethyl)	89	2.45E-08	1	1392.696	1.53	Salivary gland	3R:+:49550449-49550484	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_95187	EIGSSLGIPLYVFGPETHMTAICGMALGK	AGAP010156-PA	C23(Carbamidomethyl)	51	9.51E-05	1	3049.532	4.1	Salivary gland	3R:+:49550968-49550986,49551064-49551131	exon=> In CDS Exon 4 and 5 of transcript AGAP010156-PA
JHU_Ag_97020	WGEIDYPPPFGR	AGAP010156-PA	-	74	7.85E-07	2	1433.687	1.77	Midgut	3R:+:49550485-49550520	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_97683	ITSPATSPVGEAGAAR	AGAP010156-PA	-	41	0.001001109	1	1484.773	2.06	Salivary gland	3R:+:49552330-49552377	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_98633	DEPSVVAMVYPFTGYHR	AGAP010156-PA	M8(Oxidation)	83	7.72E-08	1	1983.935	3.84	Malpighian tubule	3R:+:49552581-49552631	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_98817	VDATADFICRPK	AGAP010156-PA	C9(Carbamidomethyl)	89	2.49E-08	1	1392.696	1.09	Ovary	3R:+:49550449-49550484	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_99168	AGPNYQEGLR	AGAP010156-PA	-	45	0.000617273	2	1104.542	-0.8	Malpighian tubule	3R:+:49550929-49550958	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_101195	GQELLYAGMPISDVLQK	AGAP010156-PA	M9(Oxidation)	85	4.99E-08	2	1877.977	5.01	Larva	3R:+:49553562-49553612	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_101516	TIAIIAEGIPENLTR	AGAP010156-PA	-	51	3.03E-05	2	1610.912	0.62	Male reproductive organs	3R:+:49552794-49552838	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_102178	SAYDSSVEVLDYPQIR	AGAP010156-PA	-	59	2.16E-05	1	1841.897	2.66	Male reproductive organs	3R:+:49552746-49552793	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_103123	AGSVAYVSR	AGAP010156-PA	-	46	0.000264439	2	909.481	1.85	Pupa	3R:+:49552977-49553003	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_103602	VDATADFICRPK	AGAP010156-PA	C9(Carbamidomethyl)	88	2.94E-08	1	1392.693	-0.75	Midgut	3R:+:49550449-49550484	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_104026	AGSVAYVSR	AGAP010156-PA	-	55	3.45E-05	2	909.480	1.72	Salivary gland	3R:+:49552977-49553003	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_104217	VANFVYNLYK	AGAP010156-PA	-	57	3.72E-05	1	1230.654	1.7	Visceras	3R:+:49550329-49550358	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_106124	WGEIDYPPPFGR	AGAP010156-PA	-	65	6.00E-06	2	1433.691	4.58	Visceras	3R:+:49550485-49550520	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_106192	ALAEAGAHVPASFDAFGDMIGSVYESMVK	AGAP010156-PA	M19(Oxidation), M27(Oxidation)	64	5.83E-06	1	3002.383	-2.76	Ovary	3R:+:49553349-49553435	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_106863	AGPNYQEGLRK	AGAP010156-PA	-	75	5.30E-07	1	1232.636	-1.91	Head	3R:+:49550929-49550961	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_107314	SAYDSSVEVLDYPQIR	AGAP010156-PA	-	86	4.40E-08	1	1841.895	1.66	Pupa	3R:+:49552746-49552793	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_107436	DEPSVVAMVYPFTGYHR	AGAP010156-PA	-	31	0.011690306	1	1967.933	0.63	Midgut	3R:+:49552581-49552631	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_108171	YQADPAAK	AGAP010156-PA	-	43	0.000873313	1	863.429	3.59	Malpighian tubule	3R:+:49553127-49553150	exon=> In CDS Exon 7 of transcript AGAP010156-PA

JHU_Ag_108782	SSPTEIGSNAYRQMFSNR	AGAP010156-PA	M14(Oxidation)	75	4.47E-07	1	2060.951	2.62	Malpighian tubule	3R:+:49552378-49552431	exon=> In CDS Exon 6 of transcript AGAP010156-PA
JHU_Ag_111105	AGSVAYVSR	AGAP010156-PA	-	70	8.31E-07	2	909.482	3.8	Malpighian tubule	3R:+:49552977-49553003	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_112093	DAFPEEAYIADLDAK	AGAP010156-PA	-	90	1.72E-08	1	1667.785	3.2	Visceras	3R:+:49550521-49550565	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_114303	SGGMSNELNNILSLTTDGVYEGVAIGG DRYPGTTFMDHIMR	AGAP010156-PA	M4(Oxidation), M36(Oxidation), M40(Oxidation)	148	1.32E-14	1	4437.070	5.99	Malpighian tubule	3R:+:49553004-49553126	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_114687	MIVLLGEVGGVEEYEVCEALKDGR	AGAP010156-PA	M1(Oxidation), C17(Carbamidomethyl)	76	3.77E-07	1	2681.330	5.2	Malpighian tubule	3R:+:49553151-49553222	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_114739	ALAEAGAHVPASFDAFGDMIGSVYES MVK	AGAP010156-PA	M19(Oxidation), M27(Oxidation)	88	2.09E-08	1	3002.399	2.6	Larva	3R:+:49553349-49553435	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_115105	DEPSVVAMVYPFTGYHR	AGAP010156-PA	M8(Oxidation)	106	4.15E-10	1	1983.935	3.96	Head	3R:+:49552581-49552631	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_115386	TILSLMTSSPK	AGAP010156-PA	-	37	0.002244 86	2	1177.650	-0.13	Head	3R:+:49550752-49550784	exon=> In CDS Exon 4 of transcript AGAP010156-PA
JHU_Ag_116093	LEVPVGTDVTMAEIEK	AGAP010156-PA	M11(Oxidation)	84	7.08E-08	2	1746.890	3.78	Salivary gland	3R:+:49550165-49550212	exon=> In CDS Exon 3 of transcript AGAP010156-PA
JHU_Ag_116430	IGNTGGMLDNIIHSK	AGAP010156-PA	M7(Oxidation)	107	2.67E-10	1	1569.807	0.83	Salivary gland	3R:+:49552923-49552967	exon=> In CDS Exon 7 of transcript AGAP010156-PA
JHU_Ag_7530	FATVTETTQWQQLVQDNPWLETSPLV VKPDQLIK	AGAP010156-PA,AGAP010154-PA	-	252	1.97E-25	1	3953.081	2.81	Salivary gland	3R:+:49548298-49548366,49549782-49549814;3R:+:49522554-49522622,49523651-49523683	exon=> In CDS Exon 1 and 2 of transcript AGAP010156-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010154-PA
JHU_Ag_7970	NFIIEPFVPHK	AGAP010156-PA,AGAP010154-PA	-	41	0.000568 933	2	1340.738	1.23	Midgut	3R:+:49549932-49549964;3R:+:49523801-49523833	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_8496	GKLGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	56	3.44E-06	2	1012.654	2.18	Malpighian tubule	3R:+:49549821-49549850;3R:+:49523690-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_8764	NLAQVK	AGAP010156-PA,AGAP010154-PA	-	43	0.001044 649	1	672.406	2.9	Malpighian tubule	3R:+:49549851-49549868;3R:+:49523720-49523737	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_13508	LGLIAVNKNLAQVK	AGAP010156-PA,AGAP010154-PA	-	101	2.58E-11	1	1480.927	3.89	Malpighian tubule	3R:+:49549827-49549868;3R:+:49523696-49523737	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_14127	DNEEAYVCIYSHR	AGAP010156-PA,AGAP010154-PA	C8(Carbamidomethyl)	93	2.67E-09	1	1655.713	0.78	Head	3R:+:49549965-49549967,49550057-49550092;3R:+:49523834-49523836,49523926-49523961	exon=> In CDS Exon 2 and 3 of transcript AGAP010156-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP010154-PA
JHU_Ag_18807	LGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	45	0.000118 435	2	827.535	-0.22	Ovary	3R:+:49549827-49549850;3R:+:49523696-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_22350	TADTILFYHQGGVDIGDVDAK	AGAP010156-PA,AGAP010154-PA	-	82	9.82E-08	1	2235.098	2.33	Salivary gland	3R:+:49550093-49550155;3R:+:49523962-49524024	exon=> In CDS Exon 3 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010154-PA
JHU_Ag_23005	LGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	51	2.55E-05	2	827.537	2.51	Malpighian tubule	3R:+:49549827-49549850;3R:+:49523696-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA

JHU_Ag_23932	TADTILFYHQGGVDIGDVDAK	AGAP010156-PA,AGAP010154-PA	-	116	3.42E-11	1	2235.094	0.61	Midgut	3R:+:49550093-49550155;3R:+:49523962-49524024	exon=> In CDS Exon 3 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010154-PA
JHU_Ag_24033	LGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	38	0.000574 75	2	827.535	0.59	Head	3R:+:49549827-49549850;3R:+:49523696-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_24970	TADTILFYHQGGVDIGDVDAK	AGAP010156-PA,AGAP010154-PA	-	117	2.81E-11	1	2235.093	0.18	Ovary	3R:+:49550093-49550155;3R:+:49523962-49524024	exon=> In CDS Exon 3 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010154-PA
JHU_Ag_43429	LGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	56	7.86E-06	1	827.536	1.4	Salivary gland	3R:+:49549827-49549850;3R:+:49523696-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_44927	LGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	43	8.54E-05	2	827.534	-1.62	Visceras	3R:+:49549827-49549850;3R:+:49523696-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_45605	NFIIEPFVPHK	AGAP010156-PA,AGAP010154-PA	-	38	0.001132 808	2	1340.740	2.5	Visceras	3R:+:49549932-49549964;3R:+:49523801-49523833	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_62755	NFIIEPFVPHKDNEEAYVCIYSHR	AGAP010156-PA,AGAP010154-PA	C19(Carbamidomethyl)	43	0.000615 606	1	2977.427	-1.12	Visceras	3R:+:49549932-49549967,49550057-49550092;3R:+:49523801-49523836,49523926-49523961	exon=> In CDS Exon 2 and 3 of transcript AGAP010156-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP010154-PA
JHU_Ag_63506	LGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	54	1.33E-05	2	827.535	-0.08	Midgut	3R:+:49549827-49549850;3R:+:49523696-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_64959	NFIIEPFVPHK	AGAP010156-PA,AGAP010154-PA	-	68	1.32E-06	1	1340.738	1.23	Head	3R:+:49549932-49549964;3R:+:49523801-49523833	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_65325	TADTILFYHQGGVDIGDVDAK	AGAP010156-PA,AGAP010154-PA	-	144	5.34E-14	1	2235.098	2.5	Visceras	3R:+:49550093-49550155;3R:+:49523962-49524024	exon=> In CDS Exon 3 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010154-PA
JHU_Ag_66286	TADTILFYHQGGVDIGDVDAK	AGAP010156-PA,AGAP010154-PA	-	132	9.60E-13	1	2235.103	4.46	Head	3R:+:49550093-49550155;3R:+:49523962-49524024	exon=> In CDS Exon 3 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010154-PA
JHU_Ag_70315	DNEEAYVCIYSHR	AGAP010156-PA,AGAP010154-PA	C8(Carbamidomethyl)	69	5.54E-07	2	1655.715	1.59	Malpighian tubule	3R:+:49549965-49549967,49550057-49550092;3R:+:49523834-49523836,49523926-49523961	exon=> In CDS Exon 2 and 3 of transcript AGAP010156-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP010154-PA
JHU_Ag_78165	TADTILFYHQGGVDIGDVDAK	AGAP010156-PA,AGAP010154-PA	-	131	1.22E-12	1	2235.100	3.35	Malpighian tubule	3R:+:49550093-49550155;3R:+:49523962-49524024	exon=> In CDS Exon 3 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010154-PA
JHU_Ag_78543	EATGKDIINR	AGAP010156-PA,AGAP010154-PA	-	79	2.33E-07	1	1116.603	1.69	Malpighian tubule	3R:+:49548232-49548261;3R:+:49522488-49522517	exon=> In CDS Exon 1 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010154-PA
JHU_Ag_79979	LGLIAVNK	AGAP010156-PA,AGAP010154-PA	-	51	2.60E-05	2	827.535	0.51	Pupa	3R:+:49549827-49549850;3R:+:49523696-49523719	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_83178	NLAQVK	AGAP010156-PA,AGAP010154-PA	-	38	0.001133 681	1	672.403	-1.73	Head	3R:+:49549851-49549868;3R:+:49523720-49523737	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA

JHU_Ag_83556	NFIIEPFVPHK	AGAP010156-PA,AGAP010154-PA	-	33	0.003633481	1	1340.737	0.97	Ovary	3R:+:49549932-49549964;3R:+:49523801-49523833	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_83583	FATVTETTQWQQLVQDNPWLETSPLVVKPDQLIK	AGAP010156-PA,AGAP010154-PA	-	96	8.74E-10	1	3953.081	2.91	Head	3R:+:49548298-49548366,49549782-49549814;3R:+:49522554-49522622,49523651-49523683	exon=> In CDS Exon 1 and 2 of transcript AGAP010156-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010154-PA
JHU_Ag_107145	NFIIEPFVPHK	AGAP010156-PA,AGAP010154-PA	-	53	4.03E-05	1	1340.738	1.24	Malpighian tubule	3R:+:49549932-49549964;3R:+:49523801-49523833	exon=> In CDS Exon 2 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010154-PA
JHU_Ag_107468	NFIIEPFVPHKDNEEAYVCIYSHR	AGAP010156-PA,AGAP010154-PA	C19(Carbamidomethyl)	80	1.30E-07	1	2977.434	1.22	Head	3R:+:49549932-49549967,49550057-49550092;3R:+:49523801-49523836,49523926-49523961	exon=> In CDS Exon 2 and 3 of transcript AGAP010156-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP010154-PA
JHU_Ag_1127	HPWDDISYVLPEQYN	AGAP010156-PA,AGAP010155-PA	-	49	0.000179864	2	1875.856	0.61	Ovary	3R:+:49554444-49554488;3R:+:49528434-49528478	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_1571	VKSINNPDVR	AGAP010156-PA,AGAP010155-PA	-	58	1.26E-05	2	1141.637	4.1	Malpighian tubule	3R:+:49554029-49554058;3R:+:49528022-49528051	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_2298	HPWDDISYVLPEQYN	AGAP010156-PA,AGAP010155-PA	-	55	4.40E-05	2	1875.854	-0.62	Midgut	3R:+:49554444-49554488;3R:+:49528434-49528478	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_2899	GQLIMGIGHR	AGAP010156-PA,AGAP010155-PA	M5(Oxidation)	44	0.000306424	2	1097.591	2.61	Salivary gland	3R:+:49553999-49554028;3R:+:49527992-49528021	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_4442	EFVMQNFPAYPLLEYALEVEK	AGAP010156-PA,AGAP010155-PA	M4(Oxidation)	44	0.0005814	1	2546.254	0.69	Head	3R:+:49554074-49554136;3R:+:49528067-49528129	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_4910	FGGALDGAAK	AGAP010156-PA,AGAP010155-PA	-	41	0.001361361	2	906.471	3.08	Head	3R:+:49553820-49553849;3R:+:49527813-49527842	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_8905	EFVMQNFPAYPLLEYALEVEK	AGAP010156-PA,AGAP010155-PA	M4(Oxidation)	110	1.50E-10	1	2546.262	3.56	Ovary	3R:+:49554074-49554136;3R:+:49528067-49528129	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_10039	AGKDLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	89	4.04E-09	1	1887.064	5.07	Head	3R:+:49553763-49553819;3R:+:49527756-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_17678	FGGALDGAAK	AGAP010156-PA,AGAP010155-PA	-	54	8.03E-05	2	906.470	2.07	Larva	3R:+:49553820-49553849;3R:+:49527813-49527842	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_27872	NCGSFTSEEAQEYINIGAINSLFVLGR	AGAP010156-PA,AGAP010155-PA	C2(Carbamidomethyl)	130	1.22E-12	1	2989.436	0.04	Salivary gland	3R:+:49554215-49554234,49554323-49554383;3R:+:49528208-49528227,49528313-49528373	exon=> In CDS Exon 8 and 9 of transcript AGAP010156-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP010155-PA

JHU_Ag_29170	DLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	86	1.74E-08	2	1630.904	1.98	Visceras	3R:+:49553772-49553819;3R:+:49527765-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_31571	DLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	87	1.28E-08	2	1630.911	6.32	Larva	3R:+:49553772-49553819;3R:+:49527765-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_33344	QGLYRHPWDDISYVLPEQYN	AGAP010156-PA,AGAP010155-PA	-	54	5.90E-05	1	2493.195	4.64	Malpighian tubule	3R:+:49554429-49554488;3R:+:49528419-49528478	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_35188	FGGALDGAAK	AGAP010156-PA,AGAP010155-PA	-	44	0.000687782	2	906.470	2.2	Malpighian tubule	3R:+:49553820-49553849;3R:+:49527813-49527842	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_37298	QFSEAYDSNLHPMEFVNSMR	AGAP010156-PA,AGAP010155-PA	M19(Oxidation),"M13(Oxidation), M19(Oxidation)",M13(Oxidation)	62	4.07E-06	1	2434.049	1.93	Malpighian tubule	3R:+:49553850-49553909;3R:+:49527843-49527902	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_45640	QFSEAYDSNLHPMEFVNSMR	AGAP010156-PA,AGAP010155-PA	M13(Oxidation), M19(Oxidation)	40	0.000551257	1	2434.041	-1.08	Midgut	3R:+:49553850-49553909;3R:+:49527843-49527902	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_48538	SIGFIGHYMDQK	AGAP010156-PA,AGAP010155-PA	M9(Oxidation)	59	1.84E-05	2	1395.679	4.59	Malpighian tubule	3R:+:49554384-49554419;3R:+:49528374-49528409	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_48686	HPWDDISYVLPEQYN	AGAP010156-PA,AGAP010155-PA	-	37	0.002854369	1	1875.855	0.29	Malpighian tubule	3R:+:49554444-49554488;3R:+:49528434-49528478	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_51576	AGKDLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	63	1.76E-06	3	1887.064	4.98	Malpighian tubule	3R:+:49553763-49553819;3R:+:49527756-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_51609	QFSEAYDSNLHPMEFVNSMRK	AGAP010156-PA,AGAP010155-PA	M13(Oxidation), M19(Oxidation)	37	0.002026923	1	2562.148	3.59	Malpighian tubule	3R:+:49553850-49553912;3R:+:49527843-49527905	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_54142	SIGFIGHYMDQKR	AGAP010156-PA,AGAP010155-PA	M9(Oxidation)	40	0.001370019	1	1567.773	2.7	Malpighian tubule	3R:+:49554384-49554422;3R:+:49528374-49528412	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_59499	SIGFIGHYMDQK	AGAP010156-PA,AGAP010155-PA	M9(Oxidation)	69	1.76E-06	1	1411.670	2.08	Head	3R:+:49554384-49554419;3R:+:49528374-49528409	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_60674	EFVMQNFPAYPLLEYALEVEK	AGAP010156-PA,AGAP010155-PA	M4(Oxidation)	95	5.17E-09	1	2546.253	0.04	Malpighian tubule	3R:+:49554074-49554136;3R:+:49528067-49528129	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_61602	FGGALDGAAK	AGAP010156-PA,AGAP010155-PA	-	53	8.78E-05	2	906.467	-1.03	Visceras	3R:+:49553820-49553849;3R:+:49527813-49527842	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_63348	DLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	101	5.82E-10	1	1630.900	-0.41	Ovary	3R:+:49553772-49553819;3R:+:49527765-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_64149	FGGALDGAAK	AGAP010156-PA,AGAP010155-PA	-	44	0.000672935	2	906.470	2.54	Ovary	3R:+:49553820-49553849;3R:+:49527813-49527842	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_70744	DLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	90	6.48E-09	2	1630.906	3.18	Head	3R:+:49553772-49553819;3R:+:49527765-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_80464	LKQGLYR	AGAP010156-PA,AGAP010155-PA	-	33	0.001368227	1	877.527	2.22	Malpighian tubule	3R:+:49554423-49554443;3R:+:49528413-49528433	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA

JHU_Ag_80627	EFVMQNFPAYPLLEYALEVEK	AGAP010156-PA,AGAP010155-PA	-	42	0.000824713	2	2530.267	3.6	Visceras	3R:+:49554074-49554136;3R:+:49528067-49528129	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_81701	FGGALDGAAK	AGAP010156-PA,AGAP010155-PA	-	59	2.18E-05	2	906.467	-0.69	Pupa	3R:+:49553820-49553849;3R:+:49527813-49527842	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_83704	KGQLIMGIGHR	AGAP010156-PA,AGAP010155-PA	M6(Oxidation)	48	9.90E-05	3	1225.687	2.75	Malpighian tubule	3R:+:49553913-49553915,49553999-49554028;3R:+:49527906-49527908,49527992-49528021	exon=> In CDS Exon 7 and 8 of transcript AGAP010156-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010155-PA
JHU_Ag_85367	SIGFIGHYMDQK	AGAP010156-PA,AGAP010155-PA	-	56	4.57E-05	2	1395.674	1.26	Salivary gland	3R:+:49554384-49554419;3R:+:49528374-49528409	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_86030	KPNLILNVDGVIATSFVDMLR	AGAP010156-PA,AGAP010155-PA	M19(Oxidation)	73	2.25E-07	3	2331.287	5.68	Malpighian tubule	3R:+:49554152-49554214;3R:+:49528145-49528207	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_91681	SINNPDVRVK	AGAP010156-PA,AGAP010155-PA	-	55	2.27E-05	1	1141.636	3.35	Malpighian tubule	3R:+:49554035-49554064;3R:+:49528028-49528057	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_97583	DLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	95	2.68E-09	2	1630.903	1.46	Salivary gland	3R:+:49553772-49553819;3R:+:49527765-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_100170	GQLIMGIGHR	AGAP010156-PA,AGAP010155-PA	M5(Oxidation)	64	2.72E-06	2	1097.588	-0.28	Head	3R:+:49553999-49554028;3R:+:49527992-49528021	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_103673	HPWDDISYVLPEQYN	AGAP010156-PA,AGAP010155-PA	-	58	2.08E-05	2	1875.860	2.76	Head	3R:+:49554444-49554488;3R:+:49528434-49528478	exon=> In CDS Exon 9 of transcript AGAP010156-PA;exon=> In CDS Exon 3 of transcript AGAP010155-PA
JHU_Ag_104310	KPNLILNVDGVIATSFVDMLR	AGAP010156-PA,AGAP010155-PA	M19(Oxidation)	47	7.49E-05	1	2331.287	5.29	Ovary	3R:+:49554152-49554214;3R:+:49528145-49528207	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_104963	DLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	104	3.40E-10	2	1630.901	0.19	Midgut	3R:+:49553772-49553819;3R:+:49527765-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_105597	SINNPDVR	AGAP010156-PA,AGAP010155-PA	-	35	0.002551607	2	914.468	-0.62	Ovary	3R:+:49554035-49554058;3R:+:49528028-49528051	exon=> In CDS Exon 8 of transcript AGAP010156-PA;exon=> In CDS Exon 2 of transcript AGAP010155-PA
JHU_Ag_111803	KGQLIMGIGHR	AGAP010156-PA,AGAP010155-PA	M6(Oxidation)	46	0.000143069	3	1225.684	0.44	Head	3R:+:49553913-49553915,49553999-49554028;3R:+:49527906-49527908,49527992-49528021	exon=> In CDS Exon 7 and 8 of transcript AGAP010156-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010155-PA
JHU_Ag_114017	DLVSSVVSGLLTIGDR	AGAP010156-PA,AGAP010155-PA	-	100	6.64E-10	1	1630.905	2.43	Malpighian tubule	3R:+:49553772-49553819;3R:+:49527765-49527812	exon=> In CDS Exon 7 of transcript AGAP010156-PA;exon=> In CDS Exon 1 of transcript AGAP010155-PA
JHU_Ag_8676	SAYDYTVPAR	AGAP010159-PA	-	68	1.65E-06	2	1142.547	-0.35	Ovary	3R:+:49670407-49670408,49670481-49670508	exon=> In CDS Exon 1 and 2 of transcript AGAP010159-PA
JHU_Ag_17958	IAYPDLEELPTLTDTER	AGAP010159-PA	-	58	2.61E-05	2	1975.987	0.58	Male reproductive organs	3R:+:49670734-49670784	exon=> In CDS Exon 2 of transcript AGAP010159-PA

JHU_Ag_66930	IAYPDLEELPTLTDTER	AGAP010159-PA	-	68	2.77E-06	2	1975.984	-0.96	Ovary	3R:+:49670734-49670784	exon=> In CDS Exon 2 of transcript AGAP010159-PA
JHU_Ag_77562	AAGYDLR	AGAP010159-PA	-	47	0.000302241	2	765.389	0.34	Ovary	3R:+:49670386-49670406	exon=> In CDS Exon 1 of transcript AGAP010159-PA
JHU_Ag_82510	LTENAFAPTR	AGAP010159-PA	-	69	2.51E-06	1	1119.578	-1.38	Ovary	3R:+:49670344-49670373	exon=> In CDS Exon 1 of transcript AGAP010159-PA
JHU_Ag_98468	LTENAFAPTR	AGAP010159-PA	-	45	0.000518845	2	1119.575	-4	Male reproductive organs	3R:+:49670344-49670373	exon=> In CDS Exon 1 of transcript AGAP010159-PA
JHU_Ag_1611	YFAICQQELPVNVASTIPLR	AGAP010160-PA	C5(Carbamidomethyl)	103	5.23E-10	2	2319.213	-1.5	Midgut	3R:-:49672018-49672168,49671706-49671874	exon=> In CDS Exon 8 and 7 of transcript AGAP010160-PA
JHU_Ag_2886	GGANNELQQYNLVR	AGAP010160-PA	-	70	1.55E-06	1	1575.785	-1.74	Ovary	3R:-:49674479-49674438	exon=> In CDS Exon 4 of transcript AGAP010160-PA
JHU_Ag_3313	AHHQGQEVGVQDFVLLDAVTQDK	AGAP010160-PA	N-Term(Acetyl)	47	0.000313716	3	2576.293	7.49	Head	3R:-:49684681-49684613	exon=> In CDS Exon 1 of transcript AGAP010160-PA
JHU_Ag_6115	SMAELVATLLR	AGAP010160-PA	M2(Oxidation)	91	8.50E-09	2	1203.675	-1.69	Midgut	3R:-:49673240-49673208	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_6893	LSHHPHYSSR	AGAP010160-PA	-	43	0.000753824	1	1220.591	-0.99	Midgut	3R:-:49673516-49673487	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_8332	SPQTLFALEQQR	AGAP010160-PA	-	42	0.000831511	2	1417.746	2.06	Visceras	3R:-:49672904-49672869	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_10823	DQLAVFHSHHNNDLIVSLQGEHQPLKEDR	AGAP010160-PA	-	47	0.000217129	1	3376.673	-1.52	Midgut	3R:-:49672138-49672052	exon=> In CDS Exon 7 of transcript AGAP010160-PA
JHU_Ag_13838	SPTVFDDVR	AGAP010160-PA	-	48	0.000280738	1	1035.510	-0.17	Midgut	3R:-:49673162-49673136	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_15907	IGELVAHVIR	AGAP010160-PA	-	67	4.51E-07	1	1106.668	-0.31	Midgut	3R:-:49672051-49672022	exon=> In CDS Exon 7 of transcript AGAP010160-PA
JHU_Ag_16275	NRDTLFQDFK	AGAP010160-PA	-	42	0.00086368	1	1283.645	5.18	Midgut	3R:-:49673384-49673355	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_17409	AIIVTDGTIYKLDGPK	AGAP010160-PA	-	48	5.63E-05	1	1703.967	5.18	Malpighian tubule	3R:-:49672328-49672281	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_21395	MISQYTWPNFR	AGAP010160-PA	M1(Oxidation)	53	6.22E-05	2	1458.683	-0.24	Midgut	3R:-:49673030-49672998	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_24594	SPQTLFALEQQR	AGAP010160-PA	-	85	4.36E-08	2	1417.743	-0.35	Midgut	3R:-:49672904-49672869	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_25242	SYVQDLAVR	AGAP010160-PA	-	42	0.000772748	2	1050.563	4.92	Ovary	3R:-:49672739-49672713	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_25993	GDPVGGIITNYLLEK	AGAP010160-PA	-	73	4.79E-07	2	1588.866	4.71	Midgut	3R:-:49674709-49674665	exon=> In CDS Exon 3 of transcript AGAP010160-PA
JHU_Ag_28000	GGANNELQQYNLVR	AGAP010160-PA	-	88	2.33E-08	1	1575.785	-1.43	Midgut	3R:-:49674479-49674438	exon=> In CDS Exon 4 of transcript AGAP010160-PA
JHU_Ag_28549	SYVQDLAVR	AGAP010160-PA	-	70	1.47E-06	2	1050.557	-0.43	Midgut	3R:-:49672739-49672713	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_35562	AHHQGQEVGVQDFVLLDAVTQDK	AGAP010160-PA	N-Term(Acetyl)	131	1.11E-12	1	2576.284	3.94	Midgut	3R:-:49684681-49684613	exon=> In CDS Exon 1 of transcript AGAP010160-PA
JHU_Ag_40443	EMNIYGPEYVNR	AGAP010160-PA	M2(Oxidation)	68	1.39E-06	2	1500.677	-1.01	Midgut	3R:-:49676619-49676584	exon=> In CDS Exon 2 of transcript AGAP010160-PA
JHU_Ag_42681	SNAILECFGNAK	AGAP010160-PA	C7(Carbamidomethyl)	36	0.004089936	2	1323.642	4.56	Ovary	3R:-:49674808-49674773	exon=> In CDS Exon 3 of transcript AGAP010160-PA
JHU_Ag_43415	DPAAYHYTNQGSTEILSEK	AGAP010160-PA	-	80	1.79E-07	1	2124.003	6.91	Midgut	3R:-:49674437-49674381	exon=> In CDS Exon 4 of transcript AGAP010160-PA
JHU_Ag_46402	YIAAVTNQGK	AGAP010160-PA	-	47	0.000255106	2	1064.573	-0.33	Midgut	3R:-:49676427-49676398	exon=> In CDS Exon 2 of transcript AGAP010160-PA
JHU_Ag_46736	TLANVAQLLQVTAEEMR	AGAP010160-PA	M16(Oxidation)	121	8.79E-12	1	1902.995	-0.15	Midgut	3R:-:49674144-49674094	exon=> In CDS Exon 5 of transcript AGAP010160-PA

JHU_Ag_51338	VISSMWPEGAQDIAK	AGAP010160-PA	M5(Oxidation)	96	4.20E-09	1	1647.804	-0.54	Midgut	3R:-:49673327-49673283	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_55971	NDMIPHIVTLLQK	AGAP010160-PA	M3(Oxidation)	66	1.58E-06	1	1537.842	0.56	Midgut	3R:-:49672868-49672830	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_56712	AHHQGQEVGVQDFVLLDAVTQDK	AGAP010160-PA	N-Term(Acetyl)	65	4.61E-06	1	2576.281	2.8	Malpighian tubule	3R:-:49684681-49684613	exon=> In CDS Exon 1 of transcript AGAP010160-PA
JHU_Ag_59806	SNAILECFGNAK	AGAP010160-PA	C7(Carbamidomethyl)	88	2.53E-08	2	1323.635	-0.88	Midgut	3R:-:49674808-49674773	exon=> In CDS Exon 3 of transcript AGAP010160-PA
JHU_Ag_67365	NFHCFYQLLR	AGAP010160-PA	C4(Carbamidomethyl)	41	0.000983737	1	1397.679	0.4	Midgut	3R:-:49674631-49674830,49674263-49674480	exon=> In CDS Exon 4 and 3 of transcript AGAP010160-PA
JHU_Ag_69863	SPQTLFALEQQR	AGAP010160-PA	-	83	8.31E-08	2	1417.745	1.2	Ovary	3R:-:49672904-49672869	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_70080	SPQTLFALEQQR	AGAP010160-PA	-	86	3.40E-08	2	1417.753	6.45	Head	3R:-:49672904-49672869	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_70145	SLSIEAAAGQDMPEFTHAGTFIIFK	AGAP010160-PA	M12(Oxidation)	65	5.06E-06	1	2697.320	-1.1	Midgut	3R:-:49671855-49671781	exon=> In CDS Exon 8 of transcript AGAP010160-PA
JHU_Ag_72698	ELFENAPHIFAIADAAYR	AGAP010160-PA	-	55	4.18E-05	3	2048.025	0.61	Head	3R:-:49676571-49676518	exon=> In CDS Exon 2 of transcript AGAP010160-PA
JHU_Ag_73713	AIIVTDGTIYK	AGAP010160-PA	-	55	2.06E-05	2	1193.678	0	Midgut	3R:-:49672328-49672296	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_77249	NVLIK	AGAP010160-PA	N1(Deamidated)	39	0.000844096	1	587.377	1.6	Salivary gland	3R:-:49674823-49674809	exon=> In CDS Exon 3 of transcript AGAP010160-PA
JHU_Ag_77864	SMAELVATLLR	AGAP010160-PA	-	84	3.10E-08	2	1203.682	4.09	Salivary gland	3R:-:49673240-49673208	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_81969	YLGLLENVR	AGAP010160-PA	-	45	0.000310765	2	1076.610	0.34	Visceras	3R:-:49673117-49673091	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_85212	RPLTAGTLFQK	AGAP010160-PA	-	33	0.002872605	1	1231.716	-0.04	Midgut	3R:-:49673273-49673241	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_86683	VIQQQSGER	AGAP010160-PA	-	36	0.004312126	1	1044.543	-0.15	Midgut	3R:-:49674658-49674632	exon=> In CDS Exon 3 of transcript AGAP010160-PA
JHU_Ag_88379	GIQWPQPPLVGR	AGAP010160-PA	-	50	8.29E-05	1	1347.753	-0.38	Midgut	3R:-:49672676-49672641	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_89603	GIQWPQPPLVGR	AGAP010160-PA	-	41	0.000643616	1	1347.760	5.32	Ovary	3R:-:49672676-49672641	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_90979	SPQTLFALEQQR	AGAP010160-PA	-	64	5.52E-06	2	1417.748	3.44	Malpighian tubule	3R:-:49672904-49672869	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_95237	MFTWIIQR	AGAP010160-PA	M1(Oxidation)	57	2.74E-05	2	1094.580	-1.01	Midgut	3R:-:49673979-49673956	exon=> In CDS Exon 5 of transcript AGAP010160-PA
JHU_Ag_99334	LQIIAASAFR	AGAP010160-PA	-	43	0.000196816	2	1089.644	1.87	Ovary	3R:-:49672547-49672518	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_102967	NSFEQFCINYCNEK	AGAP010160-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	71	2.63E-07	1	1852.760	-1.43	Midgut	3R:-:49673856-49673815	exon=> In CDS Exon 5 of transcript AGAP010160-PA
JHU_Ag_105355	AIIVTDGTIYK	AGAP010160-PA	-	51	4.79E-05	2	1193.677	-0.51	Visceras	3R:-:49672328-49672296	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_108690	ITHYAGDVIYSISGFIEK	AGAP010160-PA	-	87	2.99E-08	1	2013.028	-2.16	Midgut	3R:-:49673438-49673385	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_109021	ELFENAPHIFAIADAAYR	AGAP010160-PA	-	156	3.92E-15	1	2048.028	2.28	Midgut	3R:-:49676571-49676518	exon=> In CDS Exon 2 of transcript AGAP010160-PA
JHU_Ag_109052	DPAAYHYTNQGSTEILSEK	AGAP010160-PA	-	44	0.000604665	1	2123.990	1.13	Ovary	3R:-:49674437-49674381	exon=> In CDS Exon 4 of transcript AGAP010160-PA
JHU_Ag_112702	ELFENAPHIFAIADAAYR	AGAP010160-PA	-	78	2.36E-07	2	2048.032	4.07	Malpighian tubule	3R:-:49676571-49676518	exon=> In CDS Exon 2 of transcript AGAP010160-PA
JHU_Ag_113576	YLGLLENVR	AGAP010160-PA	-	62	6.40E-06	2	1076.610	-0.23	Midgut	3R:-:49673117-49673091	exon=> In CDS Exon 6 of transcript AGAP010160-PA

JHU_Ag_114771	TVAAILHLGNIEFK	AGAP010160-PA	-	108	6.86E-11	1	1525.870	-2.28	Midgut	3R:-:49674305-49674264	exon=> In CDS Exon 4 of transcript AGAP010160-PA
JHU_Ag_115585	NVDNFDTIVFSAFVK	AGAP010160-PA	-	112	9.46E-11	2	1715.866	0.89	Midgut	3R:-:49672406-49672362	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_115980	DTLFQDFKR	AGAP010160-PA	-	59	1.53E-05	1	1169.592	-2.28	Midgut	3R:-:49673378-49673352	exon=> In CDS Exon 6 of transcript AGAP010160-PA
JHU_Ag_4460	AEESDLMELINR	AGAP010161-PA	N-Term(Acetyl), M7(Oxidation)	59	1.92E-05	2	1477.690	4.23	Male reproductive organs	3R:-:49705776-49705741	exon=> In CDS Exon 1 of transcript AGAP010161-PA
JHU_Ag_8566	IVPETVAEQNNLKR	AGAP010161-PA	-	55	2.26E-05	1	1610.886	0.02	Male reproductive organs	3R:-:49704607-49704566	exon=> In CDS Exon 2 of transcript AGAP010161-PA
JHU_Ag_30966	ATLNNLNIAAGGK	AGAP010161-PA	-	70	1.03E-06	1	1256.697	1.02	Male reproductive organs	3R:-:49704499-49704461	exon=> In CDS Exon 2 of transcript AGAP010161-PA
JHU_Ag_19007	YLYTLVVK	AGAP010163-PA	-	39	0.000642705	2	998.594	1.99	Visceras	3R:-:49777943-49777920	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_29018	QSLPPGLQVK	AGAP010163-PA	-	40	0.000425	1	1066.627	0.88	Malpighian tubule	3R:-:49777892-49777863	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_41515	YLYTLVVK	AGAP010163-PA	-	38	0.000850365	1	998.591	-1	Salivary gland	3R:-:49777943-49777920	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_48354	LKQSLPPGLQVK	AGAP010163-PA	-	45	1.76E-05	1	1307.804	-0.47	Head	3R:-:49777898-49777863	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_53184	YLYTLVVK	AGAP010163-PA	-	30	0.004426	2	998.594	2.36	Malpighian tubule	3R:-:49777943-49777920	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_60176	LKQSLPPGLQVK	AGAP010163-PA	-	43	2.83E-05	2	1307.807	1.68	Malpighian tubule	3R:-:49777898-49777863	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_65199	EVKDFLIK	AGAP010163-PA	-	32	0.003886368	1	991.583	0.21	Midgut	3R:-:49778045-49778022	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_69943	YLYTLVVKDMEK	AGAP010163-PA	M10(Oxidation)	67	2.91E-06	1	1517.792	0.08	Midgut	3R:-:49777943-49777908	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_71624	LKQSLPPGLQVK	AGAP010163-PA	-	24	0.002198625	2	1307.806	0.93	Salivary gland	3R:-:49777898-49777863	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_75427	YLYTLVVKDMEK	AGAP010163-PA	M10(Oxidation)	38	0.00221234	2	1517.795	1.85	Salivary gland	3R:-:49777943-49777908	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_87878	YLYTLVVK	AGAP010163-PA	-	59	6.22E-06	1	998.594	2.36	Ovary	3R:-:49777943-49777920	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_88297	YLYTLVVKDMEK	AGAP010163-PA	M10(Oxidation)	74	5.77E-07	1	1517.796	2.73	Malpighian tubule	3R:-:49777943-49777908	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_109338	QSLPPGLQVK	AGAP010163-PA	-	72	2.98E-07	1	1066.626	0.77	Ovary	3R:-:49777892-49777863	exon=> In CDS Exon 1 of transcript AGAP010163-PA
JHU_Ag_40765	RYDENGNTVGIPEFEPPTPK	AGAP010164-PB	-	36	0.003978601	2	2260.089	0.45	Head	3R:+:49789311-49789312,49789888-49789945	exon=> In CDS Exon 7 and 8 of transcript AGAP010164-PB
JHU_Ag_2006	AMLDSNVSTVDR	AGAP010164-PB,AGAP010164-PA	M2(Oxidation)	77	3.51E-07	2	1323.620	-0.52	Midgut	3R:+:49790323-49790346,49790435-49790446;3R:+:49790323-49790346,49790435-49790446	exon=> In CDS Exon 9 and 10 of transcript AGAP010164-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP010164-PA
JHU_Ag_3223	SFTVCVGSNGR	AGAP010164-PB,AGAP010164-PA	C5(Carbamidomethyl)	43	0.00057562	2	1183.556	2.62	Malpighian tubule	3R:+:49787895-49787927;3R:+:49787895-49787927	exon=> In CDS Exon 5 of transcript AGAP010164-PB;exon=> In CDS Exon 5 of transcript AGAP010164-PA
JHU_Ag_5158	AASVVNLLLQFR	AGAP010164-PB,AGAP010164-PA	-	86	7.35E-09	2	1330.788	2.58	Visceras	3R:+:49787262-49787297;3R:+:49787262-49787297	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA

JHU_Ag_17142	SVRPLLDDSNYNR	AGAP010164-PB,AGAP010164-PA	-	74	7.61E-07	1	1548.773	-1.98	Head	3R:+:49787013-49787051;3R:+:49787013-49787051	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_28366	LLNEACER	AGAP010164-PB,AGAP010164-PA	C6(Carbamidomethyl)	39	0.001695519	1	1004.483	-0.17	Malpighian tubule	3R:+:49790453-49790476;3R:+:49790453-49790476	exon=> In CDS Exon 10 of transcript AGAP010164-PB;exon=> In CDS Exon 10 of transcript AGAP010164-PA
JHU_Ag_32702	AASVVNLLLQFR	AGAP010164-PB,AGAP010164-PA	-	91	2.06E-09	2	1330.790	4.23	Salivary gland	3R:+:49787262-49787297;3R:+:49787262-49787297	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_33652	ALADMKHLFEEYR	AGAP010164-PB,AGAP010164-PA	M5(Oxidation)	51	0.000136708	1	1638.799	2.65	Malpighian tubule	3R:+:49790909-49790947;3R:+:49790909-49790947	exon=> In CDS Exon 11 of transcript AGAP010164-PB;exon=> In CDS Exon 11 of transcript AGAP010164-PA
JHU_Ag_33798	YDENGNTVGIPEFEPPTPK	AGAP010164-PB,AGAP010164-PA	-	36	0.004021727	1	2103.984	-1.24	Malpighian tubule	3R:+:49789889-49789945;3R:+:49789889-49789945	exon=> In CDS Exon 8 of transcript AGAP010164-PB;exon=> In CDS Exon 8 of transcript AGAP010164-PA
JHU_Ag_33948	LLNDVDLR	AGAP010164-PB,AGAP010164-PA	-	44	0.000564383	2	957.538	1.15	Salivary gland	3R:+:49790018-49790026,49790098-49790112;3R:+:49790018-49790026,49790098-49790112	exon=> In CDS Exon 8 and 9 of transcript AGAP010164-PB;exon=> In CDS Exon 8 and 9 of transcript AGAP010164-PA
JHU_Ag_35132	FSLTYEASMTR	AGAP010164-PB,AGAP010164-PA	M9(Oxidation)	78	1.76E-07	2	1321.608	-0.76	Midgut	3R:+:49790224-49790256;3R:+:49790224-49790256	exon=> In CDS Exon 9 of transcript AGAP010164-PB;exon=> In CDS Exon 9 of transcript AGAP010164-PA
JHU_Ag_35701	LSTSQTPHGQTAK	AGAP010164-PB,AGAP010164-PA	-	75	3.38E-07	1	1355.691	-0.6	Head	3R:+:49790609-49790647;3R:+:49790609-49790647	exon=> In CDS Exon 10 of transcript AGAP010164-PB;exon=> In CDS Exon 10 of transcript AGAP010164-PA
JHU_Ag_39777	LPLPSVQDTMQR	AGAP010164-PB,AGAP010164-PA	M10(Oxidation)	83	6.61E-08	1	1400.720	-0.37	Midgut	3R:+:49786968-49787003;3R:+:49786968-49787003	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_46390	FAQEICR	AGAP010164-PB,AGAP010164-PA	C6(Carbamidomethyl)	49	0.000151848	2	923.443	3.18	Malpighian tubule	3R:+:49790888-49790908;3R:+:49790888-49790908	exon=> In CDS Exon 11 of transcript AGAP010164-PB;exon=> In CDS Exon 11 of transcript AGAP010164-PA
JHU_Ag_49575	ILVHDAYGK	AGAP010164-PB,AGAP010164-PA	-	54	5.46E-05	1	1015.559	1.6	Head	3R:+:49790113-49790139;3R:+:49790113-49790139	exon=> In CDS Exon 9 of transcript AGAP010164-PB;exon=> In CDS Exon 9 of transcript AGAP010164-PA
JHU_Ag_50862	LSTSQTPHGQTAK	AGAP010164-PB,AGAP010164-PA	-	83	6.14E-08	1	1355.696	3.63	Malpighian tubule	3R:+:49790609-49790647;3R:+:49790609-49790647	exon=> In CDS Exon 10 of transcript AGAP010164-PB;exon=> In CDS Exon 10 of transcript AGAP010164-PA
JHU_Ag_56968	IIHYQDSNHIVVLYR	AGAP010164-PB,AGAP010164-PA	-	79	1.04E-07	1	1869.998	0.63	Head	3R:+:49787502-49787546;3R:+:49787502-49787546	exon=> In CDS Exon 5 of transcript AGAP010164-PB;exon=> In CDS Exon 5 of transcript AGAP010164-PA
JHU_Ag_57830	EVLDLVWQSGVR	AGAP010164-PB,AGAP010164-PA	-	82	7.92E-08	2	1400.755	1.33	Midgut	3R:+:49786299-49786334;3R:+:49786299-49786334	exon=> In CDS Exon 1 of transcript AGAP010164-PB;exon=> In CDS Exon 1 of transcript AGAP010164-PA
JHU_Ag_58179	LPLPSVQDTMQR	AGAP010164-PB,AGAP010164-PA	M10(Oxidation)	39	0.001709634	1	1400.727	4.59	Larva	3R:+:49786968-49787003;3R:+:49786968-49787003	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_74798	TVERQELEPILVQGLVPLCSWQYER	AGAP010164-PB,AGAP010164-PA	C19(Carbamidomethyl)	74	3.15E-07	1	3042.596	7.99	Malpighian tubule	3R:+:49787301-49787327,49787412-49787459;3R:+:49787301-49787327,49787412-49787459	exon=> In CDS Exon 4 and 5 of transcript AGAP010164-PB;exon=> In CDS Exon 4 and 5 of transcript AGAP010164-PA

JHU_Ag_75135	SVRPLLDDSNYNR	AGAP010164-PB,AGAP010164-PA	-	92	1.21E-08	1	1548.780	1.99	Salivary gland	3R:+:49787013-49787051;3R:+:49787013-49787051	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_78190	VLATWNKPGLYSFQGSLPR	AGAP010164-PB,AGAP010164-PA	-	74	3.24E-07	1	2134.150	2.79	Head	3R:+:49786911-49786967;3R:+:49786911-49786967	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_83507	LPLPSVQDTMQR	AGAP010164-PB,AGAP010164-PA	M10(Oxidation)	62	7.76E-06	1	1400.727	4.77	Malpighian tubule	3R:+:49786968-49787003;3R:+:49786968-49787003	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_83793	AASVVNLLLQFR	AGAP010164-PB,AGAP010164-PA	-	95	1.14E-09	2	1330.783	-0.72	Midgut	3R:+:49787262-49787297;3R:+:49787262-49787297	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_92137	SVRPLLDDSNYNR	AGAP010164-PB,AGAP010164-PA	-	79	2.44E-07	1	1548.779	1.87	Malpighian tubule	3R:+:49787013-49787051;3R:+:49787013-49787051	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_95519	VALVAIDEAHIAAQK	AGAP010164-PB,AGAP010164-PA	-	106	9.84E-11	1	1548.870	-3.12	Midgut	3R:+:49789973-49790017;3R:+:49789973-49790017	exon=> In CDS Exon 8 of transcript AGAP010164-PB;exon=> In CDS Exon 8 of transcript AGAP010164-PA
JHU_Ag_95795	SVRPLLDDSNYNR	AGAP010164-PB,AGAP010164-PA	-	57	3.58E-05	1	1548.777	0.07	Midgut	3R:+:49787013-49787051;3R:+:49787013-49787051	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_98180	AASVVNLLLQFRR	AGAP010164-PB,AGAP010164-PA	-	52	8.85E-06	1	1486.893	5.16	Malpighian tubule	3R:+:49787262-49787300;3R:+:49787262-49787300	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_99124	SVRPLLDDSNYNRMER	AGAP010164-PB,AGAP010164-PA	M14(Oxidation)	41	0.001479784	1	1980.962	3.4	Malpighian tubule	3R:+:49787013-49787060;3R:+:49787013-49787060	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_99262	AASVVNLLLQFR	AGAP010164-PB,AGAP010164-PA	-	56	6.82E-06	2	1330.791	5.15	Malpighian tubule	3R:+:49787262-49787297;3R:+:49787262-49787297	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_99535	AMLDSNVSTVDR	AGAP010164-PB,AGAP010164-PA	M2(Oxidation)	74	6.70E-07	2	1323.625	2.8	Malpighian tubule	3R:+:49790323-49790346,49790435-49790446;3R:+:49790323-49790346,49790435-49790446	exon=> In CDS Exon 9 and 10 of transcript AGAP010164-PB;exon=> In CDS Exon 9 and 10 of transcript AGAP010164-PA
JHU_Ag_104797	TETVRPCTIESAAWVK	AGAP010164-PB,AGAP010164-PA	C7(Carbamidomethyl)	53	6.58E-05	1	1847.944	6.25	Head	3R:+:49790275-49790322;3R:+:49790275-49790322	exon=> In CDS Exon 9 of transcript AGAP010164-PB;exon=> In CDS Exon 9 of transcript AGAP010164-PA
JHU_Ag_106947	YDENGNTVGIPEFEPPTPK	AGAP010164-PB,AGAP010164-PA	-	59	1.89E-05	1	2103.990	1.2	Head	3R:+:49789889-49789945;3R:+:49789889-49789945	exon=> In CDS Exon 8 of transcript AGAP010164-PB;exon=> In CDS Exon 8 of transcript AGAP010164-PA
JHU_Ag_107971	VLATWNKPGLYSFQGSLPR	AGAP010164-PB,AGAP010164-PA	-	42	0.000456547	1	2134.144	-0.3	Malpighian tubule	3R:+:49786911-49786967;3R:+:49786911-49786967	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_117219	AASVVNLLLQFR	AGAP010164-PB,AGAP010164-PA	-	73	1.55E-07	1	1330.788	2.67	Head	3R:+:49787262-49787297;3R:+:49787262-49787297	exon=> In CDS Exon 4 of transcript AGAP010164-PB;exon=> In CDS Exon 4 of transcript AGAP010164-PA
JHU_Ag_76469	SNATGDLVDFFTR	AGAP010171-PA	-	57	2.79E-05	2	1442.697	3.97	Visceras	3R:+:49892341-49892379	exon=> In CDS Exon 1 of transcript AGAP010171-PA
JHU_Ag_110816	SNATGDLVDFFTR	AGAP010171-PA	-	65	4.52E-06	2	1442.690	-0.86	Male reproductive organs	3R:+:49892341-49892379	exon=> In CDS Exon 1 of transcript AGAP010171-PA
JHU_Ag_3652	CGNQAALMELDDALK	AGAP010172-PB	C1(Carbamidomethyl),"C1(Carbamidomethyl),M8(Oxidation)"	111	1.03E-10	1	1648.767	-0.07	Midgut	3R:-:49899654-49899610	exon=> In CDS Exon 4 of transcript AGAP010172-PB

JHU_Ag_3660	NVVTIFSAPNYCYR	AGAP010172-PB	C12(Carbamidomethyl)	77	3.38E-07	2	1703.821	-0.19	Midgut	3R:-:49899696-49899655	exon=> In CDS Exon 4 of transcript AGAP010172-PB
JHU_Ag_5360	SPDTNYLFMGDYVDR	AGAP010172-PB	M9(Oxidation)	114	2.71E-11	1	1808.787	3.81	Head	3R:-:49900400-49900356	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_5569	FSFLQFDPAPR	AGAP010172-PB	-	72	9.52E-07	1	1324.669	0.27	Ovary	3R:-:49899609-49899792,49899427-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_8085	QITQVYGFYDECLRK	AGAP010172-PB	C12(Carbamidomethyl)	68	2.29E-06	1	1919.928	-2.02	Head	3R:-:49900186-49900142	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_8782	GAGYTFGQDISELFNHTNGLTLVSR	AGAP010172-PB	N15(Deamidated),N18(Deamidated)	60	1.47E-05	1	2698.315	1.69	Midgut	3R:-:49899907-49900237,49899602-49899742	exon=> In CDS Exon 4 and 3 of transcript AGAP010172-PB
JHU_Ag_9404	QITQVYGFYDECLRK	AGAP010172-PB	C12(Carbamidomethyl)	43	0.000727612	1	1919.934	0.94	Visceras	3R:-:49900186-49900142	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_14038	GAGYTFGQDISELFNHTNGLTLVSR	AGAP010172-PB	-	115	4.54E-11	1	2697.339	4.55	Ovary	3R:-:49899907-49900237,49899602-49899742	exon=> In CDS Exon 4 and 3 of transcript AGAP010172-PB
JHU_Ag_26174	SPDTNYLFMGDYVDR	AGAP010172-PB	M9(Oxidation)	70	5.96E-07	1	1808.779	-0.37	Male reproductive organs	3R:-:49900400-49900356	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_27517	QITQVYGFYDECLR	AGAP010172-PB	C12(Carbamidomethyl)	71	1.01E-06	2	1791.839	1.02	Midgut	3R:-:49900186-49900145	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_34670	GYYSVETVTLLVALK	AGAP010172-PB	-	115	1.89E-11	1	1655.928	1.38	Ovary	3R:-:49900355-49900311	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_40814	DLDQWIEQLNECK	AGAP010172-PB	C12(Carbamidomethyl)	103	5.76E-10	1	1690.775	0.45	Ovary	3R:-:49906836-49906798	exon=> In CDS Exon 1 of transcript AGAP010172-PB
JHU_Ag_43881	YGNPNVWK	AGAP010172-PB	-	41	0.001671655	2	977.484	0.34	Ovary	3R:-:49900141-49900118	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_54640	CGNQAALMELDDALK	AGAP010172-PB	C1(Carbamidomethyl),M8(Oxidation)	98	1.95E-09	1	1664.764	1.07	Ovary	3R:-:49899654-49899610	exon=> In CDS Exon 4 of transcript AGAP010172-PB
JHU_Ag_55380	SPDTNYLFMGDYVDR	AGAP010172-PB	M9(Oxidation)	83	3.14E-08	1	1808.783	1.58	Malpighian tubule	3R:-:49900400-49900356	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_56075	GAGYTFGQDISELFNHTNGLTLVSR	AGAP010172-PB	-	115	4.70E-11	1	2697.348	7.74	Salivary gland	3R:-:49899907-49900237,49899602-49899742	exon=> In CDS Exon 4 and 3 of transcript AGAP010172-PB
JHU_Ag_58064	QITQVYGFYDECLR	AGAP010172-PB	C12(Carbamidomethyl)	92	8.30E-09	1	1791.843	3.47	Head	3R:-:49900186-49900145	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_58096	FSFLQFDPAPR	AGAP010172-PB	-	72	1.01E-06	1	1324.672	2.67	Visceras	3R:-:49899609-49899792,49899427-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_59682	FSFLQFDPAPR	AGAP010172-PB	-	73	8.13E-07	2	1324.671	1.75	Salivary gland	3R:-:49899609-49899792,49899427-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_61446	SPDTNYLFMGDYVDR	AGAP010172-PB	M9(Oxidation)	111	4.83E-11	1	1808.778	-0.64	Ovary	3R:-:49900400-49900356	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_63967	DLDQWIEQLNECK	AGAP010172-PB	C12(Carbamidomethyl)	110	1.19E-10	2	1690.773	-0.92	Midgut	3R:-:49906836-49906798	exon=> In CDS Exon 1 of transcript AGAP010172-PB
JHU_Ag_65392	FSFLQFDPAPR	AGAP010172-PB	-	99	1.89E-09	2	1324.672	2.67	Pupa	3R:-:49899609-49899792,49899427-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_68342	GAGYTFGQDISELFNHTNGLTLVSR	AGAP010172-PB	-	138	2.26E-13	1	2697.334	2.78	Head	3R:-:49899907-49900237,49899602-49899742	exon=> In CDS Exon 4 and 3 of transcript AGAP010172-PB
JHU_Ag_68533	QITQVYGFYDECLRK	AGAP010172-PB	C12(Carbamidomethyl)	44	0.000551469	3	1919.932	-0.11	Salivary gland	3R:-:49900186-49900142	exon=> In CDS Exon 3 of transcript AGAP010172-PB

JHU_Ag_73620	FSFLQFDPAPR	AGAP010172-PB	-	61	1.21E-05	2	1324.671	2.02	Larva	3R:-:49899609-49899792,49899427-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_75171	LQEVPHEGPMCDLLWSDPDDRGGWGISPR	AGAP010172-PB	C11(Carbamidomethyl)	79	1.37E-07	1	3319.539	3.81	Malpighian tubule	3R:-:49899994-49899908	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_78394	QITQVYGFYDECLR	AGAP010172-PB	C12(Carbamidomethyl)	79	1.52E-07	2	1791.842	2.72	Salivary gland	3R:-:49900186-49900145	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_79237	QITQVYGFYDECLRK	AGAP010172-PB	C12(Carbamidomethyl)	80	1.59E-07	1	1919.932	-0.11	Midgut	3R:-:49900186-49900142	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_79836	FSFLQFDPAPR	AGAP010172-PB	-	81	1.16E-07	1	1324.673	3.59	Male reproductive organs	3R:-:49899609-49899792,49899427-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_81404	QITQVYGFYDECLRK	AGAP010172-PB	C12(Carbamidomethyl)	94	6.61E-09	1	1919.934	0.95	Malpighian tubule	3R:-:49900186-49900142	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_82947	FSFLQFDPAPR	AGAP010172-PB	-	105	4.73E-10	2	1324.669	0.64	Head	3R:-:49899609-49899792,49899427-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_85860	DLDQWIEQLNECK	AGAP010172-PB	C12(Carbamidomethyl)	104	5.19E-10	2	1690.778	2.4	Male reproductive organs	3R:-:49906836-49906798	exon=> In CDS Exon 1 of transcript AGAP010172-PB
JHU_Ag_86503	CPVTVCGDVHGQFHDLMELFR	AGAP010172-PB	C1(Carbamidomethyl), C6(Carbamidomethyl), M17(Oxidation)	107	2.28E-10	1	2533.142	0.1	Ovary	3R:-:49900475-49900413	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_87725	LQEVPHEGPMCDLLWSDPDDR	AGAP010172-PB	M10(Oxidation), C11(Carbamidomethyl)	111	5.72E-11	1	2525.107	-0.2	Ovary	3R:-:49899994-49899932	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_88636	QITQVYGFYDECLR	AGAP010172-PB	C12(Carbamidomethyl)	89	1.71E-08	2	1791.844	3.88	Malpighian tubule	3R:-:49900186-49900145	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_89350	QITQVYGFYDECLRK	AGAP010172-PB	C12(Carbamidomethyl)	41	0.001140577	1	1919.931	-0.49	Ovary	3R:-:49900186-49900142	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_91587	RGEPHVTR	AGAP010172-PB	-	45	0.000327583	2	951.508	-4.21	Head	3R:-:49899474-49899451	exon=> In CDS Exon 5 of transcript AGAP010172-PB
JHU_Ag_93621	NVVTIFSAPNYCYR	AGAP010172-PB	C12(Carbamidomethyl)	43	0.000816808	1	1703.823	1.32	Salivary gland	3R:-:49899696-49899655	exon=> In CDS Exon 4 of transcript AGAP010172-PB
JHU_Ag_93881	GGWGISPR	AGAP010172-PB	-	33	0.004266202	2	829.433	1.18	Pupa	3R:-:49899931-49899908	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_94567	SPDTNYLFMGDYVDR	AGAP010172-PB	M9(Oxidation)	47	0.000115982	1	1808.780	0.1	Salivary gland	3R:-:49900400-49900356	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_95193	GAGYTFGQDISELFNHTNGLTLVSR	AGAP010172-PB	-	106	3.52E-10	1	2697.338	4	Malpighian tubule	3R:-:49899907-49900237,49899602-49899742	exon=> In CDS Exon 4 and 3 of transcript AGAP010172-PB
JHU_Ag_96135	LQEVPHEGPMCDLLWSDPDDR	AGAP010172-PB	M10(Oxidation), C11(Carbamidomethyl)	46	0.000159257	1	2525.108	0.46	Head	3R:-:49899994-49899932	exon=> In CDS Exon 3 of transcript AGAP010172-PB
JHU_Ag_96334	SPDTNYLFMGDYVDR	AGAP010172-PB	M9(Oxidation)	98	1.00E-09	1	1808.781	0.7	Midgut	3R:-:49900400-49900356	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_97712	SPDTNYLFMGDYVDR	AGAP010172-PB	-	73	3.93E-07	2	1792.791	3.66	Pupa	3R:-:49900400-49900356	exon=> In CDS Exon 2 of transcript AGAP010172-PB
JHU_Ag_99780	DLDQWIEQLNECK	AGAP010172-PB	C12(Carbamidomethyl)	112	7.48E-11	2	1690.777	1.61	Head	3R:-:49906836-49906798	exon=> In CDS Exon 1 of transcript AGAP010172-PB
JHU_Ag_101849	NVVTIFSAPNYCYR	AGAP010172-PB	C12(Carbamidomethyl)	56	3.75E-05	1	1703.827	3.25	Malpighian tubule	3R:-:49899696-49899655	exon=> In CDS Exon 4 of transcript AGAP010172-PB
JHU_Ag_106796	DLDQWIEQLNECK	AGAP010172-PB	C12(Carbamidomethyl)	106	3.50E-10	2	1690.780	3.7	Visceras	3R:-:49906836-49906798	exon=> In CDS Exon 1 of transcript AGAP010172-PB
JHU_Ag_112465	AHQLVMEGYNWCHDR	AGAP010172-PB	M6(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	92	3.28E-09	1	1931.826	-1.02	Midgut	3R:-:49899741-49899697	exon=> In CDS Exon 4 of transcript AGAP010172-PB

JHU_Ag_114128	FSFLQFDPAPR	AGAP010172-PB	-	78	2.32E-07	1	1324.674	3.87	Malpighian tubule	3R:-:49899609-49899792,498994 27-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_115713	CGNQAALMELDDALK	AGAP010172-PB	C1(Carbamidomethyl),"C1 (Carbamidomethyl), M8(Oxidation)"	84	5.42E-08	2	1648.773	3.63	Head	3R:-:49899654-49899610	exon=> In CDS Exon 4 of transcript AGAP010172-PB
JHU_Ag_116696	FSFLQFDPAPR	AGAP010172-PB	-	93	8.47E-09	2	1324.668	-0.37	Midgut	3R:-:49899609-49899792,498994 27-49899475	exon=> In CDS Exon 5 and 4 of transcript AGAP010172-PB
JHU_Ag_117210	NVVTIFSAPNYCYR	AGAP010172-PB	C12(Carbamidomethyl)	71	1.24E-06	1	1703.824	1.68	Head	3R:-:49899696-49899655	exon=> In CDS Exon 4 of transcript AGAP010172-PB
JHU_Ag_91	LYGHSHFISDVVLSSDGNYALSGSWDK	AGAP010173-PA	-	174	6.57E-17	1	2954.393	-0.89	Midgut	3R:+:49908495-49908575	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_894	AFLWDLNDGK	AGAP010173-PA	-	61	1.41E-05	1	1178.585	0.86	Visceras	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_1211	VVKVWNLANCK	AGAP010173-PA	C10(Carbamidomethyl)	77	2.25E-07	1	1330.736	4.65	Malpighian tubule	3R:+:49909864-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_1216	IDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	N7(Deamidated), C22(Carbamidomethyl),"N 11(Deamidated), C22(Carbamidomethyl)",C 22(Carbamidomethyl)	122	8.86E-12	1	2771.318	4.63	Head	3R:+:49909903-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_1371	TETLQLR	AGAP010173-PA	N-Term(Acetyl)	51	0.000195 352	2	902.495	1.4	Malpighian tubule	3R:+:49908152-49908172	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_1511	TETLQLRGQLLGHSGWVTQIATNPK	AGAP010173-PA	N-Term(Acetyl)	177	9.93E-18	1	2790.503	4.71	Malpighian tubule	3R:+:49908152-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_2280	TMVEELKPAK	AGAP010173-PA	-	53	7.45E-05	1	1145.625	1.31	Salivary gland	3R:+:49910140-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_3708	DVLSVAFSVDNR	AGAP010173-PA	-	75	6.24E-07	2	1321.675	0.28	Male reproductive organs	3R:+:49909666-49909701	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_4543	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	54	8.14E-05	1	1004.498	-0.65	Visceras	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_5727	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	72	9.71E-07	2	1456.731	0.95	Male reproductive organs	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_6796	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	139	1.27E-13	1	1907.015	0.97	Visceras	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_7710	AFLWDLNDGK	AGAP010173-PA	-	67	2.87E-06	1	1178.590	4.97	Larva	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_8983	FSPNHTNPIIVSAGWDR	AGAP010173-PA	-	100	1.49E-09	1	1910.949	-1.08	Head	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_10405	HLHTLEHNEIINALCFSPNR	AGAP010173-PA	C15(Carbamidomethyl)	91	1.08E-08	1	2415.194	-2.15	Male reproductive organs	3R:+:49910023-49910082	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_10758	IDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	C22(Carbamidomethyl)	57	2.49E-05	1	2771.311	1.9	Salivary gland	3R:+:49909903-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_11028	TLRLWDLAAGQSTR	AGAP010173-PA	-	80	1.14E-07	1	1587.864	2.64	Malpighian tubule	3R:+:49908576-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_11415	FSPNHTNPIIVSAGWDR	AGAP010173-PA	N4(Deamidated),N7(Dea midated)	90	1.42E-08	1	1910.952	0.45	Pupa	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_11506	HLHTLEHNEIINALCFSPNR	AGAP010173-PA	C15(Carbamidomethyl)	115	4.15E-11	1	2415.197	-0.63	Midgut	3R:+:49910023-49910082	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_11744	DELSYGIPQKR	AGAP010173-PA	-	67	3.00E-06	1	1305.680	0.24	Male reproductive organs	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_12945	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	48	0.000254 197	1	1004.497	-1.56	Ovary	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA

JHU_Ag_13600	DELSYGIPQK	AGAP010173-PA	-	49	0.000216 22	2	1149.576	-1.92	Midgut	3R:+:49908462-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_15089	DELSYGIPQKR	AGAP010173-PA	-	77	3.39E-07	1	1305.684	3.32	Ovary	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_15906	HLHTLEHNEIINALCFSPNR	AGAP010173-PA	C15(Carbamidomethyl)	62	9.35E-06	1	2415.202	1.49	Visceras	3R:+:49910023-49910082	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_15956	LTRDELSYGIPQK	AGAP010173-PA	-	63	5.96E-06	1	1519.812	0.35	Pupa	3R:+:49908453-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_15979	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	73	7.61E-07	1	1456.729	0.03	Ovary	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_16222	FSPNHTNPIIVSAGWDR	AGAP010173-PA	N4(Deamidated),N7(Deamidated)	129	2.02E-12	1	1910.955	2.05	Midgut	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_17003	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	56	3.93E-05	1	1004.498	-0.09	Head	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_18773	YPDMILSSSR	AGAP010173-PA	M4(Oxidation)	65	3.31E-06	1	1184.559	-2.33	Midgut	3R:+:49908227-49908256	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_19231	YPDMILSSSR	AGAP010173-PA	M4(Oxidation)	65	3.49E-06	1	1184.562	0.45	Male reproductive organs	3R:+:49908227-49908256	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_19249	IWDLASK	AGAP010173-PA	-	49	0.000282 811	1	832.457	1.31	Male reproductive organs	3R:+:49910119-49910139	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_19287	AFLWDLNDGK	AGAP010173-PA	-	42	0.000950 15	2	1178.587	2.21	Pupa	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_19412	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	138	1.40E-13	1	1907.014	0.52	Ovary	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_20840	LWDLAAGQSTR	AGAP010173-PA	-	70	1.94E-06	2	1217.630	1.8	Pupa	3R:+:49908585-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_20895	DELSYGIPQKR	AGAP010173-PA	-	77	3.63E-07	1	1305.681	1.27	Salivary gland	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_22667	DELSYGIPQK	AGAP010173-PA	-	56	4.52E-05	1	1149.590	9.72	Salivary gland	3R:+:49908462-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_22932	LWDLAAGQSTRR	AGAP010173-PA	-	49	0.000180 41	1	1373.731	2.1	Malpighian tubule	3R:+:49908585-49908620	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_23166	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	52	8.69E-05	1	1134.564	2.11	Salivary gland	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_23691	TETLQLR	AGAP010173-PA	N-Term(Acetyl)	55	7.03E-05	2	902.494	-0.09	Salivary gland	3R:+:49908152-49908172	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_24288	LWDLAAGQSTR	AGAP010173-PA	-	87	3.82E-08	1	1217.627	-0.04	Midgut	3R:+:49908585-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_25008	YTIQEDGHSDWVSCVR	AGAP010173-PA	C14(Carbamidomethyl)	94	3.28E-09	1	1951.860	-0.3	Midgut	3R:+:49909765-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_25319	YTIQEDGHSDWVSCVR	AGAP010173-PA	C14(Carbamidomethyl)	73	3.75E-07	1	1951.860	-0.11	Visceras	3R:+:49909765-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_26749	FSPNHTNPIIVSAGWDR	AGAP010173-PA	-	126	3.56E-12	1	1910.951	-0.13	Visceras	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_29111	VWQVSVSAR	AGAP010173-PA	-	52	8.69E-05	2	1031.568	4.36	Male reproductive organs	3R:+:49910257-49910283	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_29258	YTIQEDGHSDWVSCVR	AGAP010173-PA	C14(Carbamidomethyl)	109	1.13E-10	1	1951.864	1.89	Salivary gland	3R:+:49909765-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_29968	DVLSVAFSVDNR	AGAP010173-PA	-	103	8.70E-10	2	1321.675	0.01	Midgut	3R:+:49909666-49909701	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_30648	TETLQLR	AGAP010173-PA	N-Term(Acetyl)	51	0.000206 762	2	902.494	-0.7	Male reproductive organs	3R:+:49908152-49908172	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_31664	LWDLAAGQSTR	AGAP010173-PA	-	93	9.57E-09	1	1217.627	-0.3	Ovary	3R:+:49908585-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_31814	TMVEELKPAK	AGAP010173-PA	M2(Oxidation)	69	1.67E-06	1	1161.622	3.36	Larva	3R:+:49910140-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA

JHU_Ag_32315	TMVEELKPAK	AGAP010173-PA	M2(Oxidation)	65	4.69E-06	1	1161.620	0.95	Ovary	3R:+:49910140-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_33121	DKTLIVWK	AGAP010173-PA	-	38	0.000705924	2	1002.599	0.63	Visceras	3R:+:49908257-49908257,49908430-49908452	exon=> In CDS Exon 1 and 2 of transcript AGAP010173-PA
JHU_Ag_33783	FSPNHTNPIIVSAGWDR	AGAP010173-PA	-	104	6.02E-10	1	1910.955	1.98	Male reproductive organs	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_33817	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	87	1.89E-08	1	1907.022	4.56	Male reproductive organs	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_34991	FSPNHTNPIIVSAGWDR	AGAP010173-PA	-	93	6.55E-09	1	1910.958	3.83	Larva	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_35384	DKTLIVWK	AGAP010173-PA	-	51	4.33E-05	1	1002.597	-1.62	Ovary	3R:+:49908257-49908257,49908430-49908452	exon=> In CDS Exon 1 and 2 of transcript AGAP010173-PA
JHU_Ag_35583	LWNTLAECKYTIQEDGHSDWVSCVR	AGAP010173-PA	C8(Carbamidomethyl), C23(Carbamidomethyl)	203	5.08E-20	1	3067.413	2.89	Malpighian tubule	3R:+:49909738-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_36022	DKTLIVWK	AGAP010173-PA	-	53	2.50E-05	1	1002.599	0.27	Salivary gland	3R:+:49908257-49908257,49908430-49908452	exon=> In CDS Exon 1 and 2 of transcript AGAP010173-PA
JHU_Ag_36843	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	53	8.81E-05	1	1134.561	-0.09	Midgut	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_36969	TMVEELKPAK	AGAP010173-PA	M2(Oxidation)	67	2.85E-06	1	1161.619	0.1	Midgut	3R:+:49910140-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_37238	DVLSVAFSVDNR	AGAP010173-PA	-	75	6.75E-07	2	1321.678	2.78	Pupa	3R:+:49909666-49909701	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_38478	RFEDHTK	AGAP010173-PA	-	42	0.001243478	1	932.460	1.12	Ovary	3R:+:49908618-49908638	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_39161	AFLWDLNDGK	AGAP010173-PA	-	71	1.34E-06	1	1178.584	-0.48	Ovary	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_39444	TETLQLR	AGAP010173-PA	N-Term(Acetyl)	46	0.000606481	2	902.495	0.45	Ovary	3R:+:49908152-49908172	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_40011	YTIQEDGHSDWVSCVR	AGAP010173-PA	C14(Carbamidomethyl),"Q4(Deamidated), C14(Carbamidomethyl)"	107	1.77E-10	1	1951.862	0.64	Ovary	3R:+:49909765-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_40354	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	81	1.14E-07	1	1456.732	1.54	Head	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_40878	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	147	2.11E-14	1	1907.013	0.01	Midgut	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_42652	AFLWDLNDGK	AGAP010173-PA	-	71	1.46E-06	1	1178.588	3.35	Malpighian tubule	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_43058	YTIQEDGHSDWVSCVR	AGAP010173-PA	C14(Carbamidomethyl)	36	0.001879999	3	1951.861	0.54	Head	3R:+:49909765-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_44249	IWDLASK	AGAP010173-PA	-	35	0.006064018	1	832.459	3.07	Larva	3R:+:49910119-49910139	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_44466	HLHTLEHNEIINALCFSPNR	AGAP010173-PA	C15(Carbamidomethyl), N19(Deamidated),"N12(Deamidated), C15(Carbamidomethyl)","N8(Deamidated), C15(Carbamidomethyl)",C15(Carbamidomethyl)	147	2.74E-14	1	2415.210	4.68	Ovary	3R:+:49910023-49910082	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_45775	FSPNHTNPIIVSAGWDRVVK	AGAP010173-PA	-	99	8.93E-10	1	2237.189	2.67	Malpighian tubule	3R:+:49909813-49909872	exon=> In CDS Exon 3 of transcript AGAP010173-PA

JHU_Ag_46093	LYGHSHFISDVVLSSDGNYALSGSWDK	AGAP010173-PA	-	43	0.000773161	1	2954.399	1.09	Pupa	3R:+:49908495-49908575	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_46134	AFLWDLNDGK	AGAP010173-PA	-	64	6.01E-06	1	1178.583	-0.9	Male reproductive organs	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_47804	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	65	5.45E-06	1	1134.561	-0.47	Male reproductive organs	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_49538	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	73	8.29E-07	1	1134.563	1.89	Malpighian tubule	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_49654	IDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	C22(Carbamidomethyl)	97	2.63E-09	1	2771.308	0.8	Visceras	3R:+:49909903-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_50120	DVLSVAFSVDNR	AGAP010173-PA	-	61	1.54E-05	2	1321.677	1.58	Malpighian tubule	3R:+:49909666-49909701	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_52110	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	82	8.99E-08	1	1456.736	4.81	Salivary gland	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_52979	LTRDELSYGIPQK	AGAP010173-PA	-	36	0.003210527	2	1519.815	2.11	Head	3R:+:49908453-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_53063	YPDMILSSSR	AGAP010173-PA	M4(Oxidation)	69	1.68E-06	2	1168.571	3.42	Malpighian tubule	3R:+:49908227-49908256	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_53124	DKTLIVWK	AGAP010173-PA	-	45	0.000158129	1	1002.598	0.14	Midgut	3R:+:49908257-49908257,49908430-49908452	exon=> In CDS Exon 1 and 2 of transcript AGAP010173-PA
JHU_Ag_53402	TMVEELKPAK	AGAP010173-PA	-	64	5.65E-06	1	1145.626	1.74	Malpighian tubule	3R:+:49910140-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_55333	YTIQEDGHSDWVSCVR	AGAP010173-PA	C14(Carbamidomethyl)	113	4.06E-11	1	1951.862	1.01	Malpighian tubule	3R:+:49909765-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_56249	LYGHSHFISDVVLSSDGNYALSGSWDK	AGAP010173-PA	-	175	5.22E-17	1	2954.397	0.41	Head	3R:+:49908495-49908575	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_56529	YPDMILSSSR	AGAP010173-PA	M4(Oxidation)	64	4.44E-06	1	1184.561	-0.27	Ovary	3R:+:49908227-49908256	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_57164	VWQVSVSAR	AGAP010173-PA	-	62	1.06E-05	2	1031.563	-0.49	Ovary	3R:+:49910257-49910283	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_58200	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	76	3.50E-07	1	1456.730	0.33	Midgut	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_58236	LWDLAAGQSTR	AGAP010173-PA	-	67	3.29E-06	2	1217.625	-1.81	Head	3R:+:49908585-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_60318	HLHTLEHNEIINALCFSPNR	AGAP010173-PA	C15(Carbamidomethyl)	108	2.15E-10	1	2415.208	3.92	Salivary gland	3R:+:49910023-49910082	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_60847	DELSYGIPQKR	AGAP010173-PA	-	77	3.49E-07	1	1305.679	-0.79	Midgut	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_62454	AFLWDLNDGK	AGAP010173-PA	-	71	1.36E-06	1	1178.581	-2.66	Midgut	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_62531	DELSYGIPQK	AGAP010173-PA	-	75	5.89E-07	2	1149.579	0.63	Malpighian tubule	3R:+:49908462-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_62844	DVLSVAFSVDNR	AGAP010173-PA	-	87	3.72E-08	2	1321.674	-0.46	Head	3R:+:49909666-49909701	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_62928	LKIDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	C24(Carbamidomethyl)	70	1.17E-06	1	3012.494	3.09	Malpighian tubule	3R:+:49909897-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_66361	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	65	4.65E-06	2	1456.738	5.89	Larva	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_67673	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	54	5.45E-05	2	1134.563	1.57	Pupa	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_67914	VWQVSVSAR	AGAP010173-PA	-	35	0.005789433	1	1031.561	-2.43	Head	3R:+:49910257-49910283	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_68554	DKTLIVWK	AGAP010173-PA	-	36	0.000973306	1	1002.601	2.82	Malpighian tubule	3R:+:49908257-49908257,49908430-49908452	exon=> In CDS Exon 1 and 2 of transcript AGAP010173-PA

JHU_Ag_70556	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	130	8.20E-13	1	1907.016	1.55	Pupa	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_71670	HLHTLEHNEIINALCFSPNR	AGAP010173-PA	C15(Carbamidomethyl)	66	4.12E-06	1	2415.206	3.08	Head	3R:+:49910023-49910082	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_73350	FSPNHTNPIIVSAGWDR	AGAP010173-PA	-	87	2.78E-08	1	1910.951	0.13	Salivary gland	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_73600	TMVEELKPAK	AGAP010173-PA	M2(Oxidation)	47	0.000303975	1	1161.618	-0.21	Male reproductive organs	3R:+:49910140-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_76042	NGDPPQCLSLAWSTDGQTLYAGYSDNIIR	AGAP010173-PA	C7(Carbamidomethyl)	102	8.51E-10	1	3212.495	-0.26	Ovary	3R:+:49910170-49910256	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_78085	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	124	3.52E-12	1	1907.017	1.74	Salivary gland	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_78792	LWDLAAGQSTR	AGAP010173-PA	-	85	5.66E-08	2	1217.628	0.5	Male reproductive organs	3R:+:49908585-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_78880	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	67	3.02E-06	1	1456.732	1.71	Visceras	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_79739	TLIVWK	AGAP010173-PA	-	32	0.003701 66	1	759.479	3.05	Malpighian tubule	3R:+:49908435-49908452	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_79867	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	56	4.52E-05	1	1004.499	1.01	Malpighian tubule	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_79983	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	55	5.42E-05	1	1134.562	0.56	Head	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_81329	YPDMILSSSR	AGAP010173-PA	M4(Oxidation)	69	1.72E-06	2	1168.569	1.54	Salivary gland	3R:+:49908227-49908256	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_81835	DELSYGIPQKR	AGAP010173-PA	-	62	9.90E-06	1	1305.682	1.36	Pupa	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_82433	FSPNHTNPIIVSAGWDR	AGAP010173-PA	N4(Deamidated),N7(Deamidated)	126	3.46E-12	1	1910.950	-0.45	Ovary	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_82539	IWDLASK	AGAP010173-PA	-	48	0.000323218	1	832.456	-0.31	Midgut	3R:+:49910119-49910139	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_83274	LKIDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	N13(Deamidated), C24(Carbamidomethyl),"N9(Deamidated), C24(Carbamidomethyl)"	63	8.05E-06	1	3013.468	-0.27	Midgut	3R:+:49909897-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_85922	DKTLIVWK	AGAP010173-PA	-	62	2.55E-06	1	1002.599	1.12	Pupa	3R:+:49908257-49908257,49908430-49908452	exon=> In CDS Exon 1 and 2 of transcript AGAP010173-PA
JHU_Ag_86083	HLHTLEHNEIINALCFSPNR	AGAP010173-PA	N12(Deamidated), C15(Carbamidomethyl),C15(Carbamidomethyl)	120	1.53E-11	1	2415.208	3.77	Malpighian tubule	3R:+:49910023-49910082	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_86826	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	60	1.68E-05	2	1134.562	0.71	Visceras	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_86852	TETLQLR	AGAP010173-PA	N-Term(Acetyl)	58	4.03E-05	2	902.494	-0.63	Midgut	3R:+:49908152-49908172	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_87361	DELSYGIPQK	AGAP010173-PA	-	60	1.94E-05	1	1149.580	1.58	Pupa	3R:+:49908462-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_88328	DVLSVAFSVDNR	AGAP010173-PA	-	105	5.91E-10	1	1321.679	3.52	Salivary gland	3R:+:49909666-49909701	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_88852	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	57	3.44E-05	1	1004.498	-0.22	Pupa	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_89059	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	53	8.56E-05	1	1004.498	0.04	Midgut	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_89797	DVLSVAFSVDNR	AGAP010173-PA	-	91	1.60E-08	1	1321.675	0.01	Ovary	3R:+:49909666-49909701	exon=> In CDS Exon 3 of transcript AGAP010173-PA

JHU_Ag_90375	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	104	3.99E-10	1	1907.012	-0.82	Head	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_90674	LWNTLAECK	AGAP010173-PA	C8(Carbamidomethyl)	61	1.28E-05	1	1134.560	-1.23	Ovary	3R:+:49909738-49909764	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_91573	FSPNHTNPIIVSAGWDR	AGAP010173-PA	N4(Deamidated),N7(Deamidated)	118	2.10E-11	1	1910.956	2.81	Malpighian tubule	3R:+:49909813-49909863	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_92056	IDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	N7(Deamidated), N11(Deamidated), C22(Carbamidomethyl),C22(Carbamidomethyl),"N11(Deamidated), C22(Carbamidomethyl)","N7(Deamidated), C22(Carbamidomethyl)"	84	5.41E-08	3	2772.300	3.64	Malpighian tubule	3R:+:49909903-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_92190	IDHLGHNGYLNSVSVSPDGSLCTSGGKDCR	AGAP010173-PA	C22(Carbamidomethyl), C29(Carbamidomethyl)	50	9.52E-05	1	3202.461	-0.89	Malpighian tubule	3R:+:49909903-49909992	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_95411	LYGHSHFISDVVLSSDGNYALSGSWDK	AGAP010173-PA	-	159	1.70E-15	1	2954.407	3.94	Ovary	3R:+:49908495-49908575	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_96462	YWLCVAYGPSIK	AGAP010173-PA	C4(Carbamidomethyl)	44	0.00060718	2	1456.733	2.38	Malpighian tubule	3R:+:49910083-49910118	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_96547	TLIVWK	AGAP010173-PA	-	33	0.002838236	2	759.476	-0.01	Midgut	3R:+:49908435-49908452	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_96575	LWDLAAGQSTR	AGAP010173-PA	-	94	7.11E-09	1	1217.630	2.1	Malpighian tubule	3R:+:49908585-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_97226	YTIQEDGHSDWVSCVR	AGAP010173-PA	C14(Carbamidomethyl)	109	9.69E-11	2	1951.860	-0.3	Male reproductive organs	3R:+:49909765-49909812	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_97360	TMVEELKPAK	AGAP010173-PA	M2(Oxidation)	44	0.000517449	2	1161.620	1.16	Head	3R:+:49910140-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_97448	IDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	N11(Deamidated), C22(Carbamidomethyl),C22(Carbamidomethyl),"N7(Deamidated), N11(Deamidated), C22(Carbamidomethyl)","N7(Deamidated), C22(Carbamidomethyl)"	162	9.80E-16	1	2771.309	1.2	Ovary	3R:+:49909903-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_97665	DKTLIVWK	AGAP010173-PA	-	48	7.38E-05	1	1002.601	2.21	Male reproductive organs	3R:+:49908257-49908257,49908430-49908452	exon=> In CDS Exon 1 and 2 of transcript AGAP010173-PA
JHU_Ag_102877	TETLQLR	AGAP010173-PA	N-Term(Acetyl)	58	4.03E-05	2	902.494	0.32	Pupa	3R:+:49908152-49908172	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_103122	IDHLGHNGYLNSVSVSPDGSLCTSGGK	AGAP010173-PA	N7(Deamidated), C22(Carbamidomethyl),"N11(Deamidated), C22(Carbamidomethyl)",C22(Carbamidomethyl)	86	3.05E-08	1	2772.297	2.84	Midgut	3R:+:49909903-49909983	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_103300	DELSYGIPQKR	AGAP010173-PA	-	64	6.43E-06	1	1305.685	3.79	Visceras	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_104286	DELSYGIPQKR	AGAP010173-PA	-	77	3.26E-07	1	1305.680	-0.14	Malpighian tubule	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_105099	DELSYGIPQK	AGAP010173-PA	-	58	2.99E-05	2	1149.580	1.27	Head	3R:+:49908462-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA

JHU_Ag_105164	LTRDELSYGIPQK	AGAP010173-PA	-	45	0.000366566	2	1519.821	6.28	Ovary	3R:+:49908453-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_106243	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	123	4.07E-12	1	1907.019	2.7	Larva	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_107189	DELSYGIPQKR	AGAP010173-PA	-	67	2.94E-06	1	1305.678	-1.26	Head	3R:+:49908462-49908494	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_108162	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	53	8.60E-05	1	1004.500	1.43	Male reproductive organs	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_109669	TLIVWK	AGAP010173-PA	-	32	0.003675892	1	759.476	-0.33	Ovary	3R:+:49908435-49908452	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_110274	LYGHSHFISDVVLSSDGNYALSGSWDK	AGAP010173-PA	-	151	1.14E-14	1	2954.407	3.69	Salivary gland	3R:+:49908495-49908575	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_110870	DELSYGIPQK	AGAP010173-PA	-	65	6.13E-06	1	1149.580	0.73	Ovary	3R:+:49908462-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_111219	GQLLGHSGWVTQIATNPK	AGAP010173-PA	-	143	4.95E-14	1	1907.015	0.78	Malpighian tubule	3R:+:49908173-49908226	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_111256	AFLWDLNDGK	AGAP010173-PA	-	68	2.74E-06	1	1178.585	0.93	Head	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_111473	AFLWDLNDGK	AGAP010173-PA	-	64	5.89E-06	2	1178.587	2.11	Salivary gland	3R:+:49909993-49910022	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_112075	LWDLAAGQSTR	AGAP010173-PA	-	97	3.97E-09	1	1217.629	1.4	Salivary gland	3R:+:49908585-49908617	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_112561	TLIVWK	AGAP010173-PA	-	32	0.003667723	1	759.479	2.81	Salivary gland	3R:+:49908435-49908452	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_112748	IWDLASKTMVEELKPAK	AGAP010173-PA	M9(Oxidation)	85	2.15E-08	1	1975.060	1.7	Malpighian tubule	3R:+:49910119-49910169	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_114560	GQLLGHSGWVTQIATNPKYPDMILSSSR	AGAP010173-PA	-	112	5.46E-11	1	3056.577	4.68	Malpighian tubule	3R:+:49908173-49908256	exon=> In CDS Exon 1 of transcript AGAP010173-PA
JHU_Ag_115554	RFEDHTK	AGAP010173-PA	-	39	0.002388065	1	932.462	3.54	Malpighian tubule	3R:+:49908618-49908638	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_117055	LTRDELSYGIPQK	AGAP010173-PA	-	33	0.005809464	1	1519.810	-0.91	Midgut	3R:+:49908453-49908491	exon=> In CDS Exon 2 of transcript AGAP010173-PA
JHU_Ag_117063	VWNLANCK	AGAP010173-PA	C7(Carbamidomethyl)	54	7.31E-05	1	1004.500	1.91	Salivary gland	3R:+:49909873-49909896	exon=> In CDS Exon 3 of transcript AGAP010173-PA
JHU_Ag_2368	QLVQYFGNVYFYSPYPTVTQK	AGAP010174-PA	-	60	1.33E-05	1	2542.277	4.65	Head	3R:+:49911823-49911885	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_5326	FPLFGGWR	AGAP010174-PA	-	42	0.000899214	1	979.516	1.04	Visceras	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_6246	TLKDAVELDLRPR	AGAP010174-PA	-	37	0.000854641	2	1525.877	4.75	Larva	3R:+:49912364-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_8579	VILPEGANNIK	AGAP010174-PA	-	60	4.83E-06	1	1167.671	-1.67	Salivary gland	3R:+:49912559-49912591	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_9491	LSFISAK	AGAP010174-PA	-	32	0.003030325	1	765.451	0.47	Salivary gland	3R:+:49911637-49911657	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_9948	LIAPYSIQR	AGAP010174-PA	-	48	8.46E-05	2	1060.618	2.92	Larva	3R:+:49912592-49912618	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_13549	FPLFGGWR	AGAP010174-PA	-	40	0.001642419	2	979.517	2.59	Ovary	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_13917	NLVENHINDFNLK	AGAP010174-PA	-	86	3.45E-08	1	1569.805	2.18	Male reproductive organs	3R:+:49912688-49912726	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_14554	VILPEGANNIK	AGAP010174-PA	-	45	0.000137752	2	1167.674	0.42	Malpighian tubule	3R:+:49912559-49912591	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_14647	TIEVSHWGNIAVEETIDIVHSGATLK	AGAP010174-PA	-	92	6.04E-09	1	2819.458	0.05	Head	3R:+:49912142-49912219	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_15278	TIDLTSQLVK	AGAP010174-PA	-	70	6.31E-07	1	1117.646	-0.39	Salivary gland	3R:+:49911520-49911549	exon=> In CDS Exon 1 of transcript AGAP010174-PA

JHU_Ag_15661	QLVQYFGNVYFYSPYPTVTQK	AGAP010174-PA	-	55	4.40E-05	1	2542.278	5.03	Malpighian tubule	3R:+:49911823-49911885	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_17385	VIDHIFDDMMIDEVVTK	AGAP010174-PA	M10(Oxidation),M9(Oxidation),"M9(Oxidation), M10(Oxidation)"	94	5.71E-09	1	2035.966	-2.88	Midgut	3R:+:49912508-49912558	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_17791	TIEVSHWGNIAVEETIDIVHSGATLK	AGAP010174-PA	-	34	0.003458253	1	2819.464	2.21	Male reproductive organs	3R:+:49912142-49912219	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_19191	FPLFGGWR	AGAP010174-PA	-	46	0.000386245	1	979.515	0.6	Malpighian tubule	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_19674	HPDTLHYTYLDTFGRPVISFSK	AGAP010174-PA	-	106	3.78E-10	1	2594.304	0.09	Midgut	3R:+:49912619-49912684	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_23941	LDFSIIK	AGAP010174-PA	-	24	0.016906745	2	835.492	-0.81	Midgut	3R:+:49912820-49912840	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_25709	SLKPFPSSITQSER	AGAP010174-PA	-	68	1.91E-06	1	1576.832	-0.59	Salivary gland	3R:+:49911781-49911822	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_25752	TLLPASATGVYYR	AGAP010174-PA	-	66	2.16E-06	1	1411.757	-0.47	Male reproductive organs	3R:+:49912289-49912327	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_30855	THYTLGYNVPSFEYLFQNGDNFLLK	AGAP010174-PA	N18(Deamidated)	114	5.35E-11	1	2980.452	0.11	Salivary gland	3R:+:49912427-49912501	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_30993	LPISTYLFVVPEVDREK	AGAP010174-PA	-	52	4.18E-05	1	2005.097	-1.79	Salivary gland	3R:+:49911586-49911636	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_31400	TLKDAVELDLRPR	AGAP010174-PA	-	48	6.58E-05	1	1525.867	-1.5	Salivary gland	3R:+:49912364-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_32869	LPISTYLFVVPEVDR	AGAP010174-PA	-	101	4.44E-10	2	1747.966	2.01	Ovary	3R:+:49911586-49911630	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_33216	LPISTYLFVVPEVDR	AGAP010174-PA	-	88	1.15E-08	2	1747.956	-4	Midgut	3R:+:49911586-49911630	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_34113	DAVELDLRPR	AGAP010174-PA	-	48	0.000122099	1	1183.642	-0.86	Salivary gland	3R:+:49912373-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_34520	VILPEGANNIK	AGAP010174-PA	-	29	0.006112179	1	1167.676	2.58	Larva	3R:+:49912559-49912591	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_34560	QLVQYFGNVYFYSPYPTVTQK	AGAP010174-PA	-	38	0.002171304	2	2542.277	4.74	Pupa	3R:+:49911823-49911885	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_34635	TLLPASATGVYYR	AGAP010174-PA	-	83	3.99E-08	1	1411.760	1.52	Pupa	3R:+:49912289-49912327	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_37826	TIDLTSQLVK	AGAP010174-PA	-	39	0.000841103	2	1117.647	0.37	Malpighian tubule	3R:+:49911520-49911549	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_39033	TIEVSHWGNIAVEETIDIVHSGATLK	AGAP010174-PA	-	51	7.05E-05	1	2819.459	0.66	Malpighian tubule	3R:+:49912142-49912219	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_39108	DAVELDLRPR	AGAP010174-PA	-	36	0.002189612	2	1183.639	-3.75	Midgut	3R:+:49912373-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_42713	LPISTYLFVVPEVDREK	AGAP010174-PA	-	52	3.36E-05	1	2005.107	3.14	Male reproductive organs	3R:+:49911586-49911636	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_43050	QLVQYFGNVYFYSPYPTVTQK	AGAP010174-PA	-	63	7.14E-06	2	2542.271	2.05	Midgut	3R:+:49911823-49911885	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_44788	FPLFGGWR	AGAP010174-PA	-	50	0.000162226	1	979.512	-3.45	Midgut	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_44806	NLVENHINDFNLK	AGAP010174-PA	-	100	1.33E-09	1	1569.808	3.66	Larva	3R:+:49912688-49912726	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_46116	LPISTYLFVVPEVDREK	AGAP010174-PA	-	39	0.000582063	3	2005.107	3.42	Head	3R:+:49911586-49911636	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_46780	SKLPISTYLFVVPEVDR	AGAP010174-PA	-	95	9.96E-10	1	1963.096	2.82	Pupa	3R:+:49911580-49911630	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_48956	VILPEGANNIK	AGAP010174-PA	-	50	5.11E-05	2	1167.673	0.11	Pupa	3R:+:49912559-49912591	exon=> In CDS Exon 2 of transcript AGAP010174-PA

JHU_Ag_49627	LSFISAK	AGAP010174-PA	-	42	0.000298187	2	765.451	0.16	Ovary	3R:+:49911637-49911657	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_49780	NLVENHINDFNLK	AGAP010174-PA	-	64	5.05E-06	1	1569.805	1.72	Malpighian tubule	3R:+:49912688-49912726	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_51874	LPISTYLFVVPEVDREK	AGAP010174-PA	-	59	6.80E-06	1	2005.105	2.05	Malpighian tubule	3R:+:49911586-49911636	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_52037	TTVHLSSR	AGAP010174-PA	-	32	0.006053873	1	900.490	0.28	Salivary gland	3R:+:49911886-49911909	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_53887	LPISTYLFVVPEVDREK	AGAP010174-PA	-	75	1.80E-07	1	2005.104	1.59	Midgut	3R:+:49911586-49911636	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_54772	VILPEGANNIK	AGAP010174-PA	-	42	0.000312678	2	1167.673	0.11	Ovary	3R:+:49912559-49912591	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_56050	HPDTLHYTYLDTFGRPVISFSK	AGAP010174-PA	-	76	3.17E-07	1	2594.321	6.47	Larva	3R:+:49912619-49912684	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_56490	FPLFGGWR	AGAP010174-PA	-	50	0.000157889	1	979.514	-0.52	Salivary gland	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_56736	HPDTLHYTYLDTFGRPVISFSK	AGAP010174-PA	-	107	3.39E-10	1	2594.308	1.69	Pupa	3R:+:49912619-49912684	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_58279	FPLFGGWR	AGAP010174-PA	-	56	3.41E-05	1	979.515	0.35	Male reproductive organs	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_59841	TIEVSHWGNIAVEETIDIVHSGATLK	AGAP010174-PA	-	199	1.12E-19	1	2819.458	0.29	Salivary gland	3R:+:49912142-49912219	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_60205	LPISTYLFVVPEVDR	AGAP010174-PA	-	88	9.02E-09	2	1747.971	4.31	Salivary gland	3R:+:49911586-49911630	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_60262	NLVENHINDFNLKYNFSR	AGAP010174-PA	-	63	6.99E-06	1	2237.111	0.59	Malpighian tubule	3R:+:49912688-49912741	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_60514	SLKPFPSSITQSER	AGAP010174-PA	-	33	0.006718484	1	1576.835	0.96	Midgut	3R:+:49911781-49911822	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_60712	FPLFGGWR	AGAP010174-PA	-	42	0.000930115	1	979.518	3.28	Larva	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_62414	QLVQYFGNVYFYSPYPTVTQK	AGAP010174-PA	-	53	7.65E-05	2	2542.276	4.26	Salivary gland	3R:+:49911823-49911885	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_63744	VIDHIFDDMMIDEVVTK	AGAP010174-PA	M9(Oxidation),"M9(Oxidation), M10(Oxidation)"	55	6.12E-05	2	2019.990	6.61	Pupa	3R:+:49912508-49912558	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_66062	SLKPFPSSITQSER	AGAP010174-PA	-	39	0.001515069	1	1576.835	1.11	Pupa	3R:+:49911781-49911822	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_66855	FPLFGGWR	AGAP010174-PA	-	42	0.001019727	1	979.518	2.72	Pupa	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_72416	HPDTLHYTYLDTFGRPVISFSK	AGAP010174-PA	-	98	2.58E-09	1	2594.307	1.03	Malpighian tubule	3R:+:49912619-49912684	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_72638	NLVENHINDFNLK	AGAP010174-PA	N5(Deamidated)	99	1.61E-09	1	1569.800	-1.24	Midgut	3R:+:49912688-49912726	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_73697	TIDLTSQLVK	AGAP010174-PA	-	39	0.001023516	2	1117.644	-2.25	Midgut	3R:+:49911520-49911549	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_74264	TLKDAVELDLRPR	AGAP010174-PA	-	66	1.06E-06	1	1525.872	1.44	Pupa	3R:+:49912364-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_75647	TLLPASATGVYYR	AGAP010174-PA	-	48	0.000132276	2	1411.761	2.21	Malpighian tubule	3R:+:49912289-49912327	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_79359	VILPEGANNIK	AGAP010174-PA	-	52	2.79E-05	2	1167.670	-2.61	Midgut	3R:+:49912559-49912591	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_80017	TLKDAVELDLRPR	AGAP010174-PA	-	42	0.000254384	2	1525.868	-1.09	Midgut	3R:+:49912364-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_80647	TLLPASATGVYYR	AGAP010174-PA	-	89	1.19E-08	2	1411.760	1.18	Salivary gland	3R:+:49912289-49912327	exon=> In CDS Exon 2 of transcript AGAP010174-PA

JHU_Ag_81412	FPLFGGWR	AGAP010174-PA	-	40	0.001367297	2	979.517	1.72	Head	3R:+:49912403-49912426	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_82258	HPDTLHYTYLDTFGRPVISFSK	AGAP010174-PA	-	97	2.62E-09	1	2594.319	5.92	Ovary	3R:+:49912619-49912684	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_83163	DAVELDLRPR	AGAP010174-PA	-	46	0.000182532	1	1183.646	2.44	Malpighian tubule	3R:+:49912373-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_83193	TLLPASATGVYYR	AGAP010174-PA	-	72	5.63E-07	1	1411.758	-0.03	Ovary	3R:+:49912289-49912327	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_83455	TIDLTSQLVK	AGAP010174-PA	-	43	0.000333844	1	1117.651	4.15	Head	3R:+:49911520-49911549	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_85794	SKLPISTYLFVVPEVDR	AGAP010174-PA	-	91	2.42E-09	1	1963.091	0.39	Salivary gland	3R:+:49911580-49911630	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_88751	TIDLTSQLVK	AGAP010174-PA	-	53	3.34E-05	2	1117.646	-0.07	Male reproductive organs	3R:+:49911520-49911549	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_89147	TLKDAVELDLRPR	AGAP010174-PA	-	41	0.000326129	1	1525.870	0.33	Malpighian tubule	3R:+:49912364-49912402	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_93307	LPISTYLFVVPEVDR	AGAP010174-PA	-	101	4.37E-10	2	1747.970	4.24	Head	3R:+:49911586-49911630	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_94177	THYTLGYNVPSFEYLFQNGDNFLLK	AGAP010174-PA	-	53	6.17E-05	1	2980.450	-0.44	Midgut	3R:+:49912427-49912501	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_95318	NLVENHINDFNLK	AGAP010174-PA	-	90	1.42E-08	1	1569.804	1.25	Pupa	3R:+:49912688-49912726	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_95378	NVESYTQFKPSAQSDSTVTYGPYDNVAAFSHEPMTIHFENFTPFLTVTR	AGAP010174-PA	M34(Oxidation)	42	0.000317546	1	5587.586	-3.58	Midgut	3R:+:49911910-49911991,49912068-49912132	exon=> In CDS Exon 1 and 2 of transcript AGAP010174-PA
JHU_Ag_95828	SKLPISTYLFVVPEVDR	AGAP010174-PA	-	96	1.05E-09	1	1963.082	-4.27	Midgut	3R:+:49911580-49911630	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_96666	HPDTLHYTYLDTFGRPVISFSK	AGAP010174-PA	-	51	0.000118179	1	2594.318	5.26	Visceras	3R:+:49912619-49912684	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_100713	NLVENHINDFNLK	AGAP010174-PA	-	63	6.12E-06	1	1569.802	-0.16	Salivary gland	3R:+:49912688-49912726	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_101141	TLLPASATGVYYR	AGAP010174-PA	-	100	8.68E-10	1	1411.765	5.15	Larva	3R:+:49912289-49912327	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_103212	HPDTLHYTYLDTFGRPVISFSK	AGAP010174-PA	-	99	2.04E-09	1	2594.300	-1.61	Salivary gland	3R:+:49912619-49912684	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_103253	TIDLTSQLVK	AGAP010174-PA	-	52	4.74E-05	2	1117.646	-0.28	Ovary	3R:+:49911520-49911549	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_103542	TLLPASATGVYYR	AGAP010174-PA	-	74	3.00E-07	2	1411.758	-0.21	Midgut	3R:+:49912289-49912327	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_104565	VIDHIFDDMMIDEVVTK	AGAP010174-PA	M9(Oxidation), M10(Oxidation)	84	7.08E-08	1	2051.971	2.2	Larva	3R:+:49912508-49912558	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_105834	VIDHIFDDMMIDEVVTK	AGAP010174-PA	M10(Oxidation),"M9(Oxidation), M10(Oxidation)"	71	1.18E-06	1	2051.970	1.94	Salivary gland	3R:+:49912508-49912558	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_111590	SLKPFPSSITQSER	AGAP010174-PA	-	43	0.000562518	1	1576.836	1.65	Malpighian tubule	3R:+:49911781-49911822	exon=> In CDS Exon 1 of transcript AGAP010174-PA
JHU_Ag_111777	TIEVSHWGNIAVEETIDIVHSGATLK	AGAP010174-PA	-	49	0.000107559	3	2819.457	-0.23	Midgut	3R:+:49912142-49912219	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_112924	LIAPYSIQR	AGAP010174-PA	-	61	7.11E-06	2	1060.613	-1.91	Midgut	3R:+:49912592-49912618	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_114389	NLVENHINDFNLK	AGAP010174-PA	-	86	3.59E-08	1	1569.804	1.48	Head	3R:+:49912688-49912726	exon=> In CDS Exon 2 of transcript AGAP010174-PA
JHU_Ag_21009	FFSELLNAAHAAVEHR	AGAP010175-PA,AGAP010175-PC	-	45	0.000418482	3	1811.922	1.84	Head	3R:-:49919541-49919494;3R:-:49919541-49919494	exon=> In CDS Exon 4 of transcript AGAP010175-PA;exon=> In CDS Exon 1 of transcript AGAP010175-PC

JHU_Ag_24066	VDSLESTLFPALTDQPQK	AGAP010175-PA,AGAP010175-PC	-	61	1.12E-05	2	1989.021	1.73	Head	3R:-:49916330-49916277;3R:-:49916330-49916277	exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_616	SGPAPYKAPAGVTNGTK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	N14(Deamidated)	40	0.001742919	2	1616.831	2.03	Ovary	3R:-:49915106-49915056;3R:-:49915106-49915056;3R:-:49915106-49915056	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_2225	EMNDAGQFYTNR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M2(Oxidation)	80	3.13E-08	2	1461.610	2.67	Ovary	3R:-:49915601-49915566;3R:-:49915601-49915566;3R:-:49915601-49915566	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_7341	SSEMNVMIPK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M4(Oxidation), M7(Oxidation)	44	0.000465 78	2	1167.539	0.01	Salivary gland	3R:-:49914604-49914575;3R:-:49914604-49914575;3R:-:49914604-49914575	exon=> In CDS Exon 5 of transcript AGAP010175-PB;exon=> In CDS Exon 9 of transcript AGAP010175-PA;exon=> In CDS Exon 6 of transcript AGAP010175-PC
JHU_Ag_8864	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	77	2.40E-07	1	1286.642	0.58	Male reproductive organs	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC
JHU_Ag_9422	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	71	1.08E-06	1	1286.642	-0.08	Midgut	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC
JHU_Ag_9740	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	71	1.02E-06	2	1286.646	3.24	Ovary	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC
JHU_Ag_10334	VASASSAPSNTDLQNLLKPTSDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	117	2.46E-11	1	2344.200	0.25	Head	3R:-:49915880-49915812;3R:-:49915880-49915812;3R:-:49915880-49915812	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC

JHU_Ag_11196	ISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	40	0.001105055	2	967.520	-0.44	Malpighian tubule	3R:-:49915811-49915788;3R:-:49915811-49915788;3R:-:49915811-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_12020	SVAPPAAAAVAKPPTFTR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	93	1.68E-09	1	1751.985	2.66	Malpighian tubule	3R:-:49915055-49915002;3R:-:49915055-49915002;3R:-:49915055-49915002	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_12132	VASASSAPSNTDLQNLLKPTSDKISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	37	0.001680702	1	3292.701	-0.38	Midgut	3R:-:49915880-49915788;3R:-:49915880-49915788;3R:-:49915880-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_13107	SVAPPAAAAVAKPPTFTR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	87	8.67E-09	1	1751.976	-2.57	Midgut	3R:-:49915055-49915002;3R:-:49915055-49915002;3R:-:49915055-49915002	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_13495	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	64	5.53E-06	1	1782.813	-2.73	Salivary gland	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_16476	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	89	1.51E-08	2	1782.821	1.51	Visceras	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_16967	EMNDAGQFYTNR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	77	8.58E-08	2	1445.611	-0.65	Head	3R:-:49915601-49915566;3R:-:49915601-49915566;3R:-:49915601-49915566	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_22310	SSEMNVMIPK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M4(Oxidation), M7(Oxidation)	38	0.001904519	1	1167.537	-1.67	Malpighian tubule	3R:-:49914604-49914575;3R:-:49914604-49914575;3R:-:49914604-49914575	exon=> In CDS Exon 5 of transcript AGAP010175-PB;exon=> In CDS Exon 9 of transcript AGAP010175-PA;exon=> In CDS Exon 6 of transcript AGAP010175-PC

JHU_Ag_22427	AWIQTLTELQQYIK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	111	5.74E-11	1	1734.946	1.9	Male reproductive organs	3R:-:49915514-49915473;3R:-:49915514-49915473;3R:-:49915514-49915473	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_22860	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	61	9.89E-06	2	1286.643	0.87	Pupa	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC
JHU_Ag_24347	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	97	2.78E-09	1	1782.823	2.47	Malpighian tubule	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_25277	SALFAQINQGADITK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	90	1.41E-08	2	1576.835	0.95	Male reproductive organs	3R:-:49915316-49915272;3R:-:49915316-49915272;3R:-:49915316-49915272	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_27730	DSTHVEWAR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	67	1.48E-06	1	1100.514	1.46	Ovary	3R:-:49915541-49915515;3R:-:49915541-49915515;3R:-:49915541-49915515	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_28284	SSEMNVMIPK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M7(Oxidation)	47	0.000240806	2	1151.542	-1.23	Midgut	3R:-:49914604-49914575;3R:-:49914604-49914575;3R:-:49914604-49914575	exon=> In CDS Exon 5 of transcript AGAP010175-PB;exon=> In CDS Exon 9 of transcript AGAP010175-PA;exon=> In CDS Exon 6 of transcript AGAP010175-PC
JHU_Ag_28899	ISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	48	0.000188098	2	967.521	-0.19	Head	3R:-:49915811-49915788;3R:-:49915811-49915788;3R:-:49915811-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_29740	AWIQTLTELQQYIK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	91	5.32E-09	2	1734.946	2.04	Head	3R:-:49915514-49915473;3R:-:49915514-49915473;3R:-:49915514-49915473	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC

JHU_Ag_31027	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	78	2.24E-07	2	1782.821	1.51	Head	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_32174	VTADMQTHKNPSLR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	98	2.39E-09	1	1597.812	0.23	Malpighian tubule	3R:-:49915148-49915107;3R:-:49915148-49915107	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_32630	WLIEYQK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	36	0.003033801	1	979.527	2.67	Ovary	3R:-:49914989-49914969;3R:-:49914989-49914969	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_32820	VASASSAPSNTDLQNLLKPTSDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	66	3.11E-06	1	2344.201	0.92	Salivary gland	3R:-:49915880-49915812;3R:-:49915880-49915812	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_34914	ISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	50	0.000102551	1	967.521	0.12	Ovary	3R:-:49915811-49915788;3R:-:49915811-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_35131	INSVVMDSCK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M6(Oxidation), C9(Carbamidomethyl)	52	7.57E-05	2	1168.534	-0.1	Salivary gland	3R:-:49914875-49914846;3R:-:49914875-49914846	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_36074	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	73	6.47E-07	1	1782.819	0.62	Male reproductive organs	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_36811	SGPAPYKAPAGVTNGTK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	N14(Deamidated)	109	2.25E-10	1	1616.828	-0.01	Malpighian tubule	3R:-:49915106-49915056;3R:-:49915106-49915056	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC

JHU_Ag_38658	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	63	7.34E-06	2	1286.646	3.43	Malpighian tubule	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC
JHU_Ag_39538	AWIQTLTELQQYIK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	92	4.12E-09	2	1734.954	6.4	Larva	3R:-:49915514-49915473;3R:-:49915514-49915473;3R:-:49915514-49915473	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_41882	EMNDAGQFYTNR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M2(Oxidation)	54	1.23E-05	2	1461.609	1.83	Larva	3R:-:49915601-49915566;3R:-:49915601-49915566;3R:-:49915601-49915566	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_42188	SVAPPAAAAVAKPPTFTR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	87	6.75E-09	1	1751.985	2.79	Head	3R:-:49915055-49915002;3R:-:49915055-49915002;3R:-:49915055-49915002	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_45958	VPTISIDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	43	0.000800782	1	872.509	0.06	Midgut	3R:-:49914691-49914668;3R:-:49914691-49914668;3R:-:49914691-49914668	exon=> In CDS Exon 5 of transcript AGAP010175-PB;exon=> In CDS Exon 9 of transcript AGAP010175-PA;exon=> In CDS Exon 6 of transcript AGAP010175-PC
JHU_Ag_49361	NNPDLVVENAEMNNVVYMFR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M12(Oxidation), N13(Deamidated),"M12(Oxidation), M18(Oxidation)","M12(Oxidation), N14(Deamidated)"	40	0.00153419	2	2385.105	8.16	Midgut	3R:-:49914968-49914909;3R:-:49914968-49914909;3R:-:49914968-49914909	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_51392	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	78	2.46E-07	1	1333.712	0.91	Pupa	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_54047	EKDSTHVEWAR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	69	1.41E-06	1	1357.648	-1.15	Midgut	3R:-:49915547-49915515;3R:-:49915547-49915515;3R:-:49915547-49915515	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC

JHU_Ag_55723	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	45	0.000506 13	1	1333.715	2.83	Larva	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_55793	QHHTTGLVWSGK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	47	0.000391 512	2	1350.690	-0.65	Midgut	3R:-:49915472-49915437;3R:-:49915472-49915437;3R:-:49915472-49915437	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_55974	EMNDAGQFYTNR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M2(Oxidation)	68	4.32E-07	2	1461.605	-0.84	Male reproductive organs	3R:-:49915601-49915566;3R:-:49915601-49915566;3R:-:49915601-49915566	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_56331	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	64	5.64E-06	2	1333.711	0	Visceras	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_56893	APAGVTNGTK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	39	0.002137 239	1	915.490	0.75	Male reproductive organs	3R:-:49915085-49915056;3R:-:49915085-49915056;3R:-:49915085-49915056	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_59857	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	73	6.78E-07	2	1333.711	0	Midgut	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_60608	SALFAQINQGADITK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	107	2.49E-10	1	1576.836	2.19	Salivary gland	3R:-:49915316-49915272;3R:-:49915316-49915272;3R:-:49915316-49915272	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_60837	SVAPPAAAAVAKPPTFTR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	101	2.62E-10	1	1751.984	2.17	Ovary	3R:-:49915055-49915002;3R:-:49915055-49915002;3R:-:49915055-49915002	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_61844	VTADMQTHK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	36	0.002469 725	1	1030.498	-0.42	Head	3R:-:49915148-49915122;3R:-:49915148-49915122;3R:-:49915148-49915122	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC

JHU_Ag_62227	SALFAQINQGADITK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	88	2.19E-08	2	1576.832	-0.44	Ovary	3R:-:49915316-49915272;3R:-:49915316-49915272;3R:-:49915316-49915272	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_62335	ISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	48	0.000149 39	2	967.522	0.82	Pupa	3R:-:49915811-49915788;3R:-:49915811-49915788;3R:-:49915811-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_62615	VASASSAPSNTDLQNLLKPTSDKISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	100	7.33E-10	1	3292.715	4.07	Ovary	3R:-:49915880-49915788;3R:-:49915880-49915788;3R:-:49915880-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_63812	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	111	1.22E-10	1	1333.709	-1.38	Head	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_64581	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	43	0.000699 744	2	1782.818	-0.06	Pupa	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_65419	SALFAQINQGADITK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	91	1.01E-08	1	1576.834	0.56	Head	3R:-:49915316-49915272;3R:-:49915316-49915272;3R:-:49915316-49915272	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_68062	VASASSAPSNTDLQNLLKPTSDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	64	4.22E-06	2	2344.201	0.98	Male reproductive organs	3R:-:49915880-49915812;3R:-:49915880-49915812;3R:-:49915880-49915812	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_69726	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	73	6.25E-07	1	1286.643	1.34	Head	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC

JHU_Ag_69921	AWIQTLTELQQYIK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	113	3.31E-11	2	1734.943	0.14	Midgut	3R:-:49915514-49915473;3R:-:49915514-49915473;3R:-:49915514-49915473	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_71243	APAGVTNGTK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	N7(Deamidated)	54	9.12E-05	1	916.473	-0.46	Salivary gland	3R:-:49915085-49915056;3R:-:49915085-49915056;3R:-:49915085-49915056	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_71687	EKDSTHVEWAR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	56	2.70E-05	1	1357.648	-1.41	Salivary gland	3R:-:49915547-49915515;3R:-:49915547-49915515;3R:-:49915547-49915515	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_72538	SVAPPAAAAVAKPPTFTR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	92	2.11E-09	1	1751.981	0.5	Male reproductive organs	3R:-:49915055-49915002;3R:-:49915055-49915002;3R:-:49915055-49915002	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_72686	ISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	47	0.000199215	2	967.522	1.13	Salivary gland	3R:-:49915811-49915788;3R:-:49915811-49915788;3R:-:49915811-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_72986	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	98	2.21E-09	1	1333.716	3.93	Male reproductive organs	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_74928	EMNDAGQFYTNR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M2(Oxidation)	91	3.87E-09	2	1445.613	0.87	Malpighian tubule	3R:-:49915601-49915566;3R:-:49915601-49915566;3R:-:49915601-49915566	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_78420	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	65	4.08E-06	2	1286.649	5.99	Larva	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC

JHU_Ag_79224	VASASSAPSNTDLQNLLKPTSDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	82	6.74E-08	2	2344.206	2.75	Midgut	3R:-:49915880-49915812;3R:-:49915880-49915812;3R:-:49915880-49915812	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_79238	VASASSAPSNTDLQNLLKPTSDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	65	3.63E-06	1	2344.202	1.39	Malpighian tubule	3R:-:49915880-49915812;3R:-:49915880-49915812;3R:-:49915880-49915812	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_82926	AWIQTLTELQQYIK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	115	1.96E-11	1	1734.950	4.36	Salivary gland	3R:-:49915514-49915473;3R:-:49915514-49915473;3R:-:49915514-49915473	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_83680	APAGVTNGTK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	N7(Deamidated)	51	0.000155151	2	915.491	1.95	Head	3R:-:49915085-49915056;3R:-:49915085-49915056;3R:-:49915085-49915056	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_86937	AWIQTLTELQQYIK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	111	5.78E-11	1	1734.944	0.99	Ovary	3R:-:49915514-49915473;3R:-:49915514-49915473;3R:-:49915514-49915473	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_88006	VASASSAPSNTDLQNLLKPTSDKISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	42	0.000423958	1	3292.706	1.18	Male reproductive organs	3R:-:49915880-49915788;3R:-:49915880-49915788;3R:-:49915880-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_88294	EMNDAGQFYTNR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M2(Oxidation)	78	4.31E-08	2	1461.605	-1.01	Midgut	3R:-:49915601-49915566;3R:-:49915601-49915566;3R:-:49915601-49915566	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_88337	GSSGDYTEQPIPEQFKTIVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	98	2.24E-09	1	2224.122	3.85	Malpighian tubule	3R:-:49914574-49914703,49914396-49914438;3R:-:49914574-49914703,49914396-49914438;3R:-:49914574-49914703,49914396-49914438	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC

JHU_Ag_89186	SVAPPAAAAVAKPPTFTR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	82	2.22E-08	1	1751.982	0.91	Salivary gland	3R:-:49915055-49915002;3R:-:49915055-49915002;3R:-:49915055-49915002	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_89693	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	99	1.96E-09	1	1333.713	1.64	Ovary	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_90552	WLIEYQK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	37	0.0024064	1	979.525	-0.24	Midgut	3R:-:49914989-49914969;3R:-:49914989-49914969;3R:-:49914989-49914969	exon=> In CDS Exon 4 of transcript AGAP010175-PB;exon=> In CDS Exon 8 of transcript AGAP010175-PA;exon=> In CDS Exon 5 of transcript AGAP010175-PC
JHU_Ag_92750	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	51	9.91E-05	2	1286.643	0.77	Visceras	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC
JHU_Ag_92959	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	71	1.14E-06	1	1782.822	1.99	Midgut	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_93329	AWIQTLTELQQYIKQHHTTGLVWSGK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	34	0.0018469	1	3066.639	7.42	Malpighian tubule	3R:-:49915514-49915437;3R:-:49915514-49915437;3R:-:49915514-49915437	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_95285	VASASSAPSNTDLQNLLKPTSDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	39	0.0013709	1	2344.207	3.5	Pupa	3R:-:49915880-49915812;3R:-:49915880-49915812;3R:-:49915880-49915812	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_99069	VASASSAPSNTDLQNLLKPTSDKISTIQSYR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	127	1.50E-12	1	3292.712	2.91	Malpighian tubule	3R:-:49915880-49915788;3R:-:49915880-49915788;3R:-:49915880-49915788	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC

JHU_Ag_103245	SALFAQINQGADITK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	114	4.68E-11	1	1576.832	-0.44	Malpighian tubule	3R:-:49915316-49915272;3R:-:49915316-49915272;3R:-:49915316-49915272	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_106234	IGGDVATQAQFVK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	98	2.24E-09	1	1333.714	1.92	Malpighian tubule	3R:-:49916057-49916019;3R:-:49916057-49916019;3R:-:49916057-49916019	exon=> In CDS Exon 1 of transcript AGAP010175-PB;exon=> In CDS Exon 5 of transcript AGAP010175-PA;exon=> In CDS Exon 2 of transcript AGAP010175-PC
JHU_Ag_109355	GSSGDYTEQPIPEQFK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	84	5.98E-08	1	1782.825	3.98	Ovary	3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450;3R:-:49914574-49914703,49914396-49914450	exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PB;exon=> In CDS Exon 10 and 9 of transcript AGAP010175-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010175-PC
JHU_Ag_112392	EMNDAGQFYTNR	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	M2(Oxidation)	75	8.04E-08	2	1461.606	0.08	Salivary gland	3R:-:49915601-49915566;3R:-:49915601-49915566;3R:-:49915601-49915566	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_114926	AWIQTLTELQQYIK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	97	1.24E-09	2	1734.952	5.21	Malpighian tubule	3R:-:49915514-49915473;3R:-:49915514-49915473;3R:-:49915514-49915473	exon=> In CDS Exon 3 of transcript AGAP010175-PB;exon=> In CDS Exon 7 of transcript AGAP010175-PA;exon=> In CDS Exon 4 of transcript AGAP010175-PC
JHU_Ag_115683	VASASSAPSNTDLQNLLKPTSDK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	55	3.81E-05	1	2344.206	2.88	Ovary	3R:-:49915880-49915812;3R:-:49915880-49915812;3R:-:49915880-49915812	exon=> In CDS Exon 2 of transcript AGAP010175-PB;exon=> In CDS Exon 6 of transcript AGAP010175-PA;exon=> In CDS Exon 3 of transcript AGAP010175-PC
JHU_Ag_117062	EAFDAQFAFLK	AGAP010175-PB,AGAP010175-PA,AGAP010175-PC	-	63	6.51E-06	2	1286.643	1.15	Salivary gland	3R:-:49916018-49916126,49915707-49915881;3R:-:49916018-49916596,49915707-49915881;3R:-:49916018-49916596,49915707-49915881	exon=> In CDS Exon 2 and 1 of transcript AGAP010175-PB;exon=> In CDS Exon 6 and 5 of transcript AGAP010175-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010175-PC
JHU_Ag_25375	MLQFER	AGAP010177-PA	M1(Oxidation)	34	0.003965714	2	839.408	-0.34	Ovary	3R:+:49945722-49945739	exon=> In CDS Exon 1 of transcript AGAP010177-PA
JHU_Ag_63653	EIITYFNSGEK	AGAP010177-PA	-	37	0.002258942	2	1300.641	-0.65	Ovary	3R:+:49945962-49945964,49946049-49946078	exon=> In CDS Exon 1 and 2 of transcript AGAP010177-PA
JHU_Ag_94208	GNFVLVEPIEEGNKVK	AGAP010181-PA	-	33	0.003837762	1	1771.959	-0.18	Ovary	3R:-:49958364-49958317	exon=> In CDS Exon 1 of transcript AGAP010181-PA

JHU_Ag_8322	IPVPLHVGFDPDTK	AGAP010184-PA	-	33	0.003966132	1	1534.839	8.33	Ovary	3R:-:49987839-49987798	exon=> In CDS Exon 1 of transcript AGAP010184-PA
JHU_Ag_16181	CNVTSNPPPVSIEWFK	AGAP010184-PA	C1(Carbamidomethyl), N6(Deamidated),"C1(Carbamidomethyl), N2(Deamidated)"	38	0.002867665	1	1875.918	12.4	Malpighian tubule	3R:-:49989321-49989274	exon=> In CDS Exon 1 of transcript AGAP010184-PA
JHU_Ag_109591	YAGDILQLR	AGAP010184-PA	-	40	0.001230232	2	1048.578	-0.42	Ovary	3R:-:49989252-49989226	exon=> In CDS Exon 1 of transcript AGAP010184-PA
JHU_Ag_7164	FTCVVWNR	AGAP010186-PA	C3(Carbamidomethyl)	41	0.000999777	1	1081.528	2.62	Ovary	3R:-:50227346-50227323	exon=> In CDS Exon 3 of transcript AGAP010186-PA
JHU_Ag_57165	EGSTTPLAANLIYGGSR	AGAP010186-PA	-	46	0.00034743	2	1706.873	1.09	Ovary	3R:-:50227457-50227407	exon=> In CDS Exon 3 of transcript AGAP010186-PA
JHU_Ag_68744	FISSHPTHTIHR	AGAP010186-PA	-	50	0.000155757	1	1432.746	1.33	Pupa	3R:-:50214123-50214088	exon=> In CDS Exon 4 of transcript AGAP010186-PA
JHU_Ag_69193	SLGNTLDEIPIPIEDELNPR	AGAP010186-PA	-	36	0.002660929	2	2235.151	0.44	Ovary	3R:-:50212230-50212171	exon=> In CDS Exon 4 of transcript AGAP010186-PA
JHU_Ag_515	QGDYSTAVK	AGAP010188-PA	-	58	1.46E-05	2	968.469	0.3	Ovary	3R:+:50354142-50354168	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_610	AMNDPEVQQILK	AGAP010188-PA	-	37	0.002992367	2	1385.709	-0.44	Head	3R:+:50354481-50354516	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_4501	ALEIDPNNAEALEGYR	AGAP010188-PA	-	141	1.26E-13	1	1774.859	-0.79	Ovary	3R:+:50354385-50354432	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_6184	TALTHDPTDITFHNNIAAVYFEQK	AGAP010188-PA	-	49	0.000183796	1	2746.354	2.53	Pupa	3R:+:50353773-50353844	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_8455	VILEQMQNDPK	AGAP010188-PA	M6(Oxidation)	49	0.000180188	2	1330.668	0.34	Male reproductive organs	3R:+:50354532-50354564	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_9916	HYSEAIKR	AGAP010188-PA	-	40	0.0022931	1	1003.531	-0.5	Ovary	3R:+:50354169-50354192	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_10234	LAAFDLGLK	AGAP010188-PA	-	39	0.000580355	1	947.556	-0.22	Salivary gland	3R:+:50354244-50354270	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_11877	DFETALQHYR	AGAP010188-PA	-	70	1.69E-06	1	1279.610	2.48	Salivary gland	3R:+:50353743-50353772	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_14372	LAAFDLGLKDCETCCR	AGAP010188-PA	C11(Carbamidomethyl), C14(Carbamidomethyl), C15(Carbamidomethyl)	129	1.34E-12	1	1928.868	0.61	Ovary	3R:+:50354244-50354291	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_15903	AMNDPEVQQILKDPAMR	AGAP010188-PA	M2(Oxidation), M16(Oxidation)	74	6.06E-07	1	1987.956	-0.99	Ovary	3R:+:50354481-50354531	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_16503	AMNDPEVQQILKDPAMR	AGAP010188-PA	M2(Oxidation), M16(Oxidation)	40	0.001494575	1	1987.958	0.3	Male reproductive organs	3R:+:50354481-50354531	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_22026	AMNDPEVQQILKDPAMR	AGAP010188-PA	M2(Oxidation), M16(Oxidation)	56	4.43E-05	1	1987.964	3.34	Salivary gland	3R:+:50354481-50354531	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_24030	ILQVMQK	AGAP010188-PA	M5(Oxidation)	39	0.001200657	1	875.503	1.32	Male reproductive organs	3R:+:50354334-50354354	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_26229	AMNDPEVQQILK	AGAP010188-PA	M2(Oxidation)	106	3.71E-10	1	1401.704	-0.29	Ovary	3R:+:50354481-50354516	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_28875	KDFETALQHYR	AGAP010188-PA	-	62	9.79E-06	1	1407.700	-0.87	Ovary	3R:+:50353740-50353772	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_30976	GNEYFK	AGAP010188-PA	-	36	0.001226755	2	757.352	0.88	Ovary	3R:+:50354124-50354141	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_33363	SSEALTAYQK	AGAP010188-PA	-	61	8.40E-06	1	1097.551	2.94	Male reproductive organs	3R:+:50354355-50354384	exon=> In CDS Exon 1 of transcript AGAP010188-PA

JHU_Ag_35330	LAAFDLGLKDCETCCR	AGAP010188-PA	C11(Carbamidomethyl), C14(Carbamidomethyl), C15(Carbamidomethyl)	83	4.84E-08	1	1928.865	-0.65	Male reproductive organs	3R:+:50354244-50354291	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_40933	ALEIDPNNAEALEGYR	AGAP010188-PA	-	110	1.63E-10	1	1774.866	2.92	Malpighian tubule	3R:+:50354385-50354432	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_41096	AVQEHLKNPQVASK	AGAP010188-PA	-	98	1.25E-09	1	1548.851	1.31	Male reproductive organs	3R:+:50354565-50354575,50354671-50354701	exon=> In CDS Exon 1 and 2 of transcript AGAP010188-PA
JHU_Ag_43195	SSEALTAYQK	AGAP010188-PA	-	86	3.13E-08	1	1097.549	1.16	Salivary gland	3R:+:50354355-50354384	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_46541	LAYIDPSKAEEEK	AGAP010188-PA	-	50	0.000174588	2	1492.753	-0.2	Pupa	3R:+:50354079-50354117	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_47108	TALTHDPTDITFHNNIAAVYFEQK	AGAP010188-PA	-	123	7.53E-12	1	2746.359	4.15	Salivary gland	3R:+:50353773-50353844	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_47337	DLGNAAYK	AGAP010188-PA	-	46	0.000284471	2	851.424	-1.96	Ovary	3R:+:50353713-50353736	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_49251	AVQEHLK	AGAP010188-PA	-	46	0.000179833	2	824.462	-0.44	Ovary	3R:+:50354565-50354575,50354671-50354680	exon=> In CDS Exon 1 and 2 of transcript AGAP010188-PA
JHU_Ag_49467	ALEIDPNNAEALEGYR	AGAP010188-PA	N7(Deamidated)	125	4.53E-12	1	1774.863	1.55	Head	3R:+:50354385-50354432	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_49846	LAYIDPSKAEEEK	AGAP010188-PA	-	53	9.33E-05	1	1492.753	-0.04	Male reproductive organs	3R:+:50354079-50354117	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_52020	NPQVASK	AGAP010188-PA	-	34	0.002945993	2	743.405	0.64	Ovary	3R:+:50354681-50354701	exon=> In CDS Exon 2 of transcript AGAP010188-PA
JHU_Ag_55338	VILEQMQNDPK	AGAP010188-PA	-	45	0.000482284	2	1314.665	-5.47	Head	3R:+:50354532-50354564	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_56363	LAAFDLGLKDCETCCR	AGAP010188-PA	C11(Carbamidomethyl), C14(Carbamidomethyl), C15(Carbamidomethyl)	78	1.46E-07	2	1928.872	2.77	Salivary gland	3R:+:50354244-50354291	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_56454	KAMNDPEVQQILK	AGAP010188-PA	M3(Oxidation)	37	0.002961077	1	1529.798	-0.6	Ovary	3R:+:50354478-50354516	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_59823	DFETALQHYR	AGAP010188-PA	-	81	1.24E-07	1	1279.606	-0.28	Ovary	3R:+:50353743-50353772	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_63246	TALTHDPTDITFHNNIAAVYFEQK	AGAP010188-PA	-	198	2.31E-19	1	2746.350	1.09	Ovary	3R:+:50353773-50353844	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_65495	SLSEHRTPEVK	AGAP010188-PA	-	48	0.00017734	1	1282.675	-0.23	Malpighian tubule	3R:+:50354001-50354033	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_67431	LAAFDLGLK	AGAP010188-PA	-	64	1.39E-06	1	947.556	0.23	Ovary	3R:+:50354244-50354270	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_72730	DFETALQHYR	AGAP010188-PA	-	61	1.11E-05	1	1279.606	-0.47	Malpighian tubule	3R:+:50353743-50353772	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_74356	AVQEHLK	AGAP010188-PA	-	38	0.001007282	1	824.461	-1.63	Salivary gland	3R:+:50354565-50354575,50354671-50354680	exon=> In CDS Exon 1 and 2 of transcript AGAP010188-PA
JHU_Ag_77619	LLESGIIQIY	AGAP010188-PA	-	61	5.39E-06	1	1148.655	-0.86	Ovary	3R:+:50354711-50354740	exon=> In CDS Exon 2 of transcript AGAP010188-PA
JHU_Ag_79799	ALEIDPNNAEALEGYR	AGAP010188-PA	-	89	2.12E-08	2	1774.862	0.86	Pupa	3R:+:50354385-50354432	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_80158	NPDDAKLYSNR	AGAP010188-PA	-	81	1.46E-07	1	1292.625	1.58	Malpighian tubule	3R:+:50354193-50354225	exon=> In CDS Exon 1 of transcript AGAP010188-PA

JHU_Ag_86662	SSEALTAYQK	AGAP010188-PA	-	63	5.11E-06	2	1097.546	-0.96	Pupa	3R:+:50354355-50354384	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_87256	SLLSDTEKK	AGAP010188-PA	-	47	0.000213225	1	1020.556	-0.99	Ovary	3R:+:50354034-50354060	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_89416	LAYIDPSK	AGAP010188-PA	-	39	0.001355149	2	906.494	0.48	Ovary	3R:+:50354079-50354102	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_89767	VILEQMQNDPK	AGAP010188-PA	M6(Oxidation)	56	3.87E-05	1	1330.669	1.72	Salivary gland	3R:+:50354532-50354564	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_91772	ILQVMQK	AGAP010188-PA	M5(Oxidation)	39	0.001123101	1	875.503	0.9	Ovary	3R:+:50354334-50354354	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_93494	TALTHDPTDITFHNNIAAVYFEQK	AGAP010188-PA	-	153	7.37E-15	1	2746.353	1.95	Malpighian tubule	3R:+:50353773-50353844	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_95588	LDETFIK	AGAP010188-PA	-	43	0.000553581	1	865.465	-1.34	Ovary	3R:+:50354292-50354312	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_96173	AVQEHLKNPQVASK	AGAP010188-PA	-	61	6.07E-06	1	1548.853	2.05	Pupa	3R:+:50354565-50354575,50354671-50354701	exon=> In CDS Exon 1 and 2 of transcript AGAP010188-PA
JHU_Ag_98437	TALTHDPTDITFHNNIAAVYFEQK	AGAP010188-PA	-	132	8.99E-13	1	2746.351	1.35	Head	3R:+:50353773-50353844	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_98656	ALEIDPNNAEALEGYR	AGAP010188-PA	-	68	2.58E-06	2	1774.862	1	Male reproductive organs	3R:+:50354385-50354432	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_99039	SSEALTAYQK	AGAP010188-PA	-	81	1.00E-07	1	1097.545	-1.85	Ovary	3R:+:50354355-50354384	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_99659	QLALQEKDLGNAAYK	AGAP010188-PA	-	53	5.04E-05	1	1661.888	1.39	Malpighian tubule	3R:+:50353692-50353736	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_104318	HYSEAIK	AGAP010188-PA	-	41	0.001561846	2	847.431	-0.39	Ovary	3R:+:50354169-50354189	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_116030	DFETALQHYR	AGAP010188-PA	-	77	3.28E-07	1	1279.609	1.91	Head	3R:+:50353743-50353772	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_116867	VILEQMQNDPK	AGAP010188-PA	M6(Oxidation)	69	2.03E-06	1	1330.665	-1.4	Ovary	3R:+:50354532-50354564	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_117610	ALEIDPNNAEALEGYR	AGAP010188-PA	-	102	9.62E-10	1	1774.866	2.92	Salivary gland	3R:+:50354385-50354432	exon=> In CDS Exon 1 of transcript AGAP010188-PA
JHU_Ag_11000	IDFQEFVGDNAK	AGAP010191-PA	-	88	2.59E-08	1	1382.660	1.23	Malpighian tubule	3R:+:50384540-50384575	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_16474	LVQDDKEMFEAADTNR	AGAP010191-PA	M8(Oxidation)	57	2.26E-05	1	1897.858	-0.65	Ovary	3R:+:50384372-50384419	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_16947	LALLVVK	AGAP010191-PA	-	50	6.82E-06	2	755.539	0.01	Male reproductive organs	3R:+:50384114-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_19796	EAEEFDNLSPEESK	AGAP010191-PA	-	76	1.30E-07	1	1623.700	-1.24	Midgut	3R:+:50384066-50384107	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_24982	DGKLDSIEFVQFISPEEFPQMLPIILQQTLR	AGAP010191-PA	M21(Oxidation)	118	9.24E-12	1	3647.897	-1.66	Ovary	3R:+:50384420-50384512	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_31138	YDTFVGSEATDYGDHLQNIHHFDDEL	AGAP010191-PA	-	120	4.63E-12	1	3038.297	-3.6	Head	3R:+:50384883-50384960	exon=> In CDS Exon 2 of transcript AGAP010191-PA
JHU_Ag_33669	LVQDDKEMFEAADTNR	AGAP010191-PA	M8(Oxidation)	74	4.69E-07	1	1897.861	0.7	Malpighian tubule	3R:+:50384372-50384419	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_34400	LSHQEIIDK	AGAP010191-PA	-	44	0.00041766	1	1082.581	-3.17	Head	3R:+:50384856-50384882	exon=> In CDS Exon 2 of transcript AGAP010191-PA
JHU_Ag_37644	DAHHMEGGEHFSEFDHEAILGSVK	AGAP010191-PA	M5(Oxidation)	62	4.93E-06	1	2695.180	-1.65	Midgut	3R:+:50383994-50384065	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_38107	YDTFVGSEATDYGDHLQNIHHFDDEL	AGAP010191-PA	-	128	9.78E-13	1	3038.310	0.86	Malpighian tubule	3R:+:50384883-50384960	exon=> In CDS Exon 2 of transcript AGAP010191-PA
JHU_Ag_38700	TEDGAYAPR	AGAP010191-PA	-	37	0.002034154	2	979.450	2.17	Malpighian tubule	3R:+:50383967-50383993	exon=> In CDS Exon 1 of transcript AGAP010191-PA

JHU_Ag_47864	LALLVVK	AGAP010191-PA	-	26	0.000449811	2	755.539	-0.48	Midgut	3R:+:50384114-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_47997	SLAEEEASER	AGAP010191-PA	-	63	5.41E-06	2	1120.512	0.36	Malpighian tubule	3R:+:50384204-50384233	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_59830	IDFQEFVGDNAK	AGAP010191-PA	Q4(Deamidated)	51	9.28E-05	2	1383.637	-4.51	Male reproductive organs	3R:+:50384540-50384575	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_61806	LALLVVK	AGAP010191-PA	-	49	9.31E-06	2	755.539	-0.15	Pupa	3R:+:50384114-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_64260	EAEEFDNLSPEESK	AGAP010191-PA	-	43	0.000236377	2	1623.705	1.69	Head	3R:+:50384066-50384107	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_64901	IDFQEFVGDNAK	AGAP010191-PA	-	95	5.20E-09	2	1382.660	1.23	Pupa	3R:+:50384540-50384575	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_66431	LPFEEPR	AGAP010191-PA	-	36	0.002918565	2	887.463	1.19	Malpighian tubule	3R:+:50384333-50384353	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_69657	ERTEDGAYAPR	AGAP010191-PA	-	40	0.001247644	1	1264.588	-3.08	Head	3R:+:50383961-50383993	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_77095	EAEEFDNLSPEESK	AGAP010191-PA	-	90	4.18E-09	2	1623.703	0.42	Malpighian tubule	3R:+:50384066-50384107	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_80526	LDSIEFVQFISPEEFPQMLPIILQQTLR	AGAP010191-PA	M18(Oxidation)	56	1.04E-05	1	3347.756	-0.98	Malpighian tubule	3R:+:50384429-50384512	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_86130	LALLVVK	AGAP010191-PA	-	44	8.91E-06	2	755.538	-1.77	Ovary	3R:+:50384114-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_87704	DAHHMEGGEHFSEFDHEAILGSVK	AGAP010191-PA	M5(Oxidation)	101	4.94E-10	1	2695.181	-1.29	Ovary	3R:+:50383994-50384065	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_94075	IDFQEFVGDNAK	AGAP010191-PA	-	87	2.60E-08	1	1382.659	0.35	Ovary	3R:+:50384540-50384575	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_94261	LALLVVK	AGAP010191-PA	-	49	9.00E-06	1	755.539	0.17	Malpighian tubule	3R:+:50384114-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_96578	LSHQEIIDKYDTFVGSEATDYGDHLQNIHHFDDEL	AGAP010191-PA	-	125	2.96E-12	1	4101.868	-1.47	Malpighian tubule	3R:+:50384856-50384960	exon=> In CDS Exon 2 of transcript AGAP010191-PA
JHU_Ag_99435	RLALLVVK	AGAP010191-PA	-	25	0.001199665	1	911.639	-0.98	Head	3R:+:50384111-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_101893	RLALLVVK	AGAP010191-PA	-	20	0.003724432	1	911.642	2.3	Malpighian tubule	3R:+:50384111-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_105297	LDSIEFVQFISPEEFPQMLPIILQQTLR	AGAP010191-PA	M18(Oxidation)	35	0.001643394	1	3347.748	-3.39	Ovary	3R:+:50384429-50384512	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_105766	LPFEEPR	AGAP010191-PA	-	43	0.00064146	1	887.463	0.91	Ovary	3R:+:50384333-50384353	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_109410	SLAEEEASER	AGAP010191-PA	-	75	3.40E-07	1	1120.511	-0.51	Ovary	3R:+:50384204-50384233	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_111633	DAHHMEGGEHFSEFDHEAILGSVK	AGAP010191-PA	M5(Oxidation)	106	2.12E-10	1	2695.185	0.29	Malpighian tubule	3R:+:50383994-50384065	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_113594	LALLVVK	AGAP010191-PA	-	20	0.007569397	1	755.541	2.11	Ovary	3R:+:50384114-50384134	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_114996	EAEEFDNLSPEESK	AGAP010191-PA	-	34	0.002208022	2	1623.705	1.92	Pupa	3R:+:50384066-50384107	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_117820	EAEEFDNLSPEESK	AGAP010191-PA	-	113	2.92E-11	1	1623.705	1.92	Ovary	3R:+:50384066-50384107	exon=> In CDS Exon 1 of transcript AGAP010191-PA
JHU_Ag_3209	IHATNQIPNGWGYNPWSK	AGAP010193-PA	N9(Deamidated)	83	9.45E-08	1	2084.010	5.3	Pupa	3R:+:50410237-50410290	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_6798	IHATNQIPNGWGYNPWSK	AGAP010193-PA	-	55	4.67E-05	1	2083.015	0.09	Visceras	3R:+:50410237-50410290	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_18339	GCEGRPDLEPK	AGAP010193-PA	C2(Carbamidomethyl)	38	0.00180277	1	1257.591	1.74	Pupa	3R:+:50410165-50410197	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_19801	LIQQNDVPYIWTAGR	AGAP010193-PA	-	100	1.20E-09	1	1773.933	2.8	Visceras	3R:+:50410105-50410149	exon=> In CDS Exon 2 of transcript AGAP010193-PA

JHU_Ag_26388	GHNYFYSAHVPALADK	AGAP010193-PA	-	97	3.09E-09	1	1789.869	2.02	Pupa	3R:+:50409961-50410008	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_26878	NIYGWFWSNNR	AGAP010193-PA	-	65	4.60E-06	1	1456.684	5.7	Larva	3R:+:50410198-50410230	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_28931	VDWLDGR	AGAP010193-PA	-	42	0.000915707	2	860.429	3.68	Larva	3R:+:50410012-50410032	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_32608	FLSLPVPEK	AGAP010193-PA	-	41	0.000575747	1	1029.601	3.43	Malpighian tubule	3R:+:50407388-50407414	exon=> In CDS Exon 1 of transcript AGAP010193-PA
JHU_Ag_35365	GHNYFYSAHVPALADKR	AGAP010193-PA	-	86	4.59E-08	1	1945.966	-0.31	Head	3R:+:50409961-50410011	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_42758	SNQPLQKPGR	AGAP010193-PA	-	48	0.000134528	1	1124.617	0.09	Visceras	3R:+:50407358-50407387	exon=> In CDS Exon 1 of transcript AGAP010193-PA
JHU_Ag_46816	GCEGRPDLEPK	AGAP010193-PA	C2(Carbamidomethyl)	51	7.65E-05	1	1257.583	-4.72	Head	3R:+:50410165-50410197	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_51414	GHNYFYSAHVPALADK	AGAP010193-PA	-	119	1.78E-11	1	1789.870	2.23	Head	3R:+:50409961-50410008	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_55557	SNQPLQKPGR	AGAP010193-PA	-	49	9.66E-05	1	1124.617	0.31	Malpighian tubule	3R:+:50407358-50407387	exon=> In CDS Exon 1 of transcript AGAP010193-PA
JHU_Ag_59426	NIYGWFWSNNR	AGAP010193-PA	-	68	1.78E-06	2	1456.676	-0.08	Head	3R:+:50410198-50410230	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_59517	NIYGWFWSNNR	AGAP010193-PA	-	65	3.66E-06	2	1456.678	1.85	Visceras	3R:+:50410198-50410230	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_60254	EYCMDLVSLETQEENNLIFR	AGAP010193-PA	C3(Carbamidomethyl), M4(Oxidation),C3(Carbamidomethyl)	62	7.28E-06	2	2503.154	2.22	Head	3R:+:50410045-50410104	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_63087	VDWLDGR	AGAP010193-PA	-	56	3.47E-05	2	860.427	0.84	Pupa	3R:+:50410012-50410032	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_65458	GHNYFYSAHVPALADKR	AGAP010193-PA	-	49	0.000199205	1	1945.971	1.92	Pupa	3R:+:50409961-50410011	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_66270	LIQQNDVPYIWTAGR	AGAP010193-PA	-	79	1.45E-07	1	1773.936	4.17	Malpighian tubule	3R:+:50410105-50410149	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_70153	IHATNQIPNGWGYNPWSK	AGAP010193-PA	N9(Deamidated)	68	2.70E-06	2	2084.008	4.48	Larva	3R:+:50410237-50410290	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_75043	LIQQNDVPYIWTAGR	AGAP010193-PA	N5(Deamidated)	100	1.34E-09	1	1773.938	5.41	Larva	3R:+:50410105-50410149	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_83772	IHATNQIPNGWGYNPWSK	AGAP010193-PA	-	93	7.87E-09	1	2083.020	2.55	Malpighian tubule	3R:+:50410237-50410290	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_84542	LIQQNDVPYIWTAGR	AGAP010193-PA	-	100	1.23E-09	1	1773.932	2.11	Head	3R:+:50410105-50410149	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_88434	IHATNQIPNGWGYNPWSK	AGAP010193-PA	-	67	3.19E-06	1	2083.010	-2.02	Head	3R:+:50410237-50410290	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_94797	LIQQNDVPYIWTAGR	AGAP010193-PA	N5(Deamidated)	103	7.75E-10	1	1774.918	3.34	Pupa	3R:+:50410105-50410149	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_95888	NIYGWFWSNNREK	AGAP010193-PA	-	60	1.62E-05	1	1713.824	6.2	Malpighian tubule	3R:+:50410198-50410236	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_96542	GCEGRPDLEPK	AGAP010193-PA	C2(Carbamidomethyl)	46	0.000293818	1	1257.593	3.1	Larva	3R:+:50410165-50410197	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_114820	NIYGWFWSNNR	AGAP010193-PA	-	46	0.000352298	2	1456.677	0.93	Pupa	3R:+:50410198-50410230	exon=> In CDS Exon 2 of transcript AGAP010193-PA
JHU_Ag_23957	NTGDWSYTGGYGQQQPDNR	AGAP010196-PA,AGAP012666-PA	-	80	5.27E-08	1	2143.909	1.29	Salivary gland	3R:+:50439153-50439209;UNKN:+:22871858-22871914	exon=> In CDS Exon 2 of transcript AGAP010196-PA;exon=> In CDS Exon 2 of transcript AGAP012666-PA

JHU_Ag_47771	EAAQGNDESCLSILNNFYNDGLK	AGAP010196-PA,AGAP012666-PA	C10(Carbamidomethyl)	75	3.90E-07	2	2572.163	0.39	Visceras	3R:+:50439210-50439221,50439304-50439360;UNKN:+:22871915-22871926,22872009-22872065	exon=> In CDS Exon 2 and 3 of transcript AGAP010196-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP012666-PA
JHU_Ag_71022	EAAQGNDESCLSILNNFYNDGLK	AGAP010196-PA,AGAP012666-PA	C10(Carbamidomethyl)	60	1.35E-05	2	2572.171	3.62	Head	3R:+:50439210-50439221,50439304-50439360;UNKN:+:22871915-22871926,22872009-22872065	exon=> In CDS Exon 2 and 3 of transcript AGAP010196-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP012666-PA
JHU_Ag_78262	GVAHSYFFSWEHAPTR	AGAP010196-PA,AGAP012666-PA	-	114	5.56E-11	1	1891.892	2.19	Visceras	3R:+:50438853-50438900;UNKN:+:22871558-22871605	exon=> In CDS Exon 2 of transcript AGAP010196-PA;exon=> In CDS Exon 2 of transcript AGAP012666-PA
JHU_Ag_107563	GVAHSYFFSWEHAPTR	AGAP010196-PA,AGAP012666-PA	-	66	2.98E-06	1	1891.886	-1.01	Head	3R:+:50438853-50438900;UNKN:+:22871558-22871605	exon=> In CDS Exon 2 of transcript AGAP010196-PA;exon=> In CDS Exon 2 of transcript AGAP012666-PA
JHU_Ag_24438	DGPYETYEGSPVSK	AGAP010198-PA	-	62	6.61E-06	1	1528.683	1.75	Ovary	3R:-:50571682-50571641	exon=> In CDS Exon 4 of transcript AGAP010198-PA
JHU_Ag_97022	IIDVNYYPVPEAK	AGAP010198-PA	-	71	1.07E-06	2	1520.802	1.31	Ovary	3R:-:50571892-50571854	exon=> In CDS Exon 4 of transcript AGAP010198-PA
JHU_Ag_107998	VINGLYSGVTTQELDNLAAETAATLTTDHADYAILAAR	AGAP010198-PA	-	241	4.13E-24	1	3963.020	5.59	Ovary	3R:-:50573547-50573434	exon=> In CDS Exon 3 of transcript AGAP010198-PA
JHU_Ag_51625	GSWSEGHLAGPVEVLFGSIR	AGAP010199-PA	-	71	1.12E-06	1	2098.073	0.77	Male reproductive organs	3R:-:50576615-50576556	exon=> In CDS Exon 2 of transcript AGAP010199-PA
JHU_Ag_78926	SGSFDEYVWTPSEIER	AGAP010199-PA	-	65	3.35E-06	1	1901.854	-0.58	Male reproductive organs	3R:-:50576462-50576415	exon=> In CDS Exon 2 of transcript AGAP010199-PA
JHU_Ag_110354	HGIGVYTFAENGLR	AGAP010199-PA	-	50	0.000146474	1	1533.783	1.44	Male reproductive organs	3R:-:50576663-50576622	exon=> In CDS Exon 2 of transcript AGAP010199-PA
JHU_Ag_96202	GYGFVSFKDPQDFIR	AGAP010200-PA	-	71	1.36E-06	1	1775.877	0.86	Ovary	3R:-:50601911-50601867	exon=> In CDS Exon 4 of transcript AGAP010200-PA
JHU_Ag_113534	QALLSLFNQS	AGAP010200-PA	-	61	1.33E-05	2	1120.598	-1.27	Ovary	3R:-:50578116-50578087	exon=> In CDS Exon 5 of transcript AGAP010200-PA
JHU_Ag_77975	GVSVTSNGSNLSNAHSGTTTISSPSTQGR	AGAP010201-PA	-	57	2.97E-05	1	2804.353	4.56	Head	3R:-:50615809-50615723	exon=> In CDS Exon 2 of transcript AGAP010201-PA
JHU_Ag_24106	KIRPVK	AGAP010202-PA	-	19	0.002831001	2	740.515	1.63	Salivary gland	3R:-:50684500-50684483	exon=> In CDS Exon 2 of transcript AGAP010202-PA
JHU_Ag_107691	RVPLQQLHQQQEQVQTIGYR	AGAP010202-PA	-	74	1.96E-07	1	2449.317	4.54	Ovary	3R:-:50683627-50683568	exon=> In CDS Exon 3 of transcript AGAP010202-PA
JHU_Ag_109860	VLDLSLFPYAGLK	AGAP010203-PA	-	47	6.89E-05	2	1435.813	-4.74	Head	3R:-:50689511-50689473	exon=> In CDS Exon 2 of transcript AGAP010203-PA
JHU_Ag_26490	LLVYVLDADGR	AGAP010204-PA	-	87	2.00E-08	2	1233.686	1.83	Midgut	3R:+:50694228-50694260	exon=> In CDS Exon 2 of transcript AGAP010204-PA
JHU_Ag_67533	ISHQLFVVPWEPK	AGAP010204-PA	-	63	4.07E-06	1	1579.864	0.78	Midgut	3R:+:50694165-50694203	exon=> In CDS Exon 2 of transcript AGAP010204-PA
JHU_Ag_87505	TVDIIAPSVVLASGDLTDAK	AGAP010204-PA	-	37	0.001207467	2	1985.081	0.63	Midgut	3R:+:50693286-50693345	exon=> In CDS Exon 2 of transcript AGAP010204-PA
JHU_Ag_101970	DALFNIPGKEDLQSIVDSTHIR	AGAP010204-PA	-	90	9.82E-09	1	2468.276	-0.86	Midgut	3R:+:50694021-50694086	exon=> In CDS Exon 2 of transcript AGAP010204-PA
JHU_Ag_45427	DTLSPEWEDNLPEANR	AGAP010205-PA	-	76	2.72E-07	1	1885.849	-3.81	Head	3R:+:50698212-50698259	exon=> In CDS Exon 3 of transcript AGAP010205-PA

JHU_Ag_19744	IYSVEYDTNQLSLFHFQR	AGAP010205-PA,AGAP010205-PB	-	73	7.44E-07	1	2260.109	2.59	Head	3R:+:50697569-50697622;3R:+:50697569-50697622	exon=> In CDS Exon 2 of transcript AGAP010205-PA;exon=> In CDS Exon 2 of transcript AGAP010205-PB
JHU_Ag_64142	TSGNIETINVAEQDLWTPTFAAK	AGAP010205-PA,AGAP010205-PB	-	60	1.55E-05	2	2506.259	5.07	Head	3R:+:50697256-50697324;3R:+:50697256-50697324	exon=> In CDS Exon 1 of transcript AGAP010205-PA;exon=> In CDS Exon 1 of transcript AGAP010205-PB
JHU_Ag_936	YVDTVSDQIR	AGAP010206-PA	-	59	1.72E-05	2	1195.597	1.43	Malpighian tubule	3R:-:50703108-50703079	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_12034	ELDQVSSENIQSAK	AGAP010206-PA	-	67	3.73E-06	2	1547.759	2.99	Head	3R:-:50706646-50706605	exon=> In CDS Exon 1 of transcript AGAP010206-PA
JHU_Ag_13013	YGLGLLEEK	AGAP010206-PA	-	43	0.000759081	1	1021.556	-0.63	Salivary gland	3R:-:50706604-50706578	exon=> In CDS Exon 1 of transcript AGAP010206-PA
JHU_Ag_13208	SQNDLQNFMAK	AGAP010206-PA	M9(Oxidation)	73	5.84E-07	2	1311.599	-0.6	Salivary gland	3R:-:50703995-50703963	exon=> In CDS Exon 5 of transcript AGAP010206-PA
JHU_Ag_13568	VVTDSSATSSGDVK	AGAP010206-PA	-	76	4.04E-07	2	1352.655	0.68	Head	3R:-:50703030-50702989	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_25521	LMLLAAHVDALHTLK	AGAP010206-PA	M2(Oxidation)	69	4.77E-07	1	1661.942	0.79	Head	3R:-:50703962-50703918	exon=> In CDS Exon 5 of transcript AGAP010206-PA
JHU_Ag_25692	LTEEIELLNSQVEELASLKK	AGAP010206-PA	-	59	6.52E-06	1	2286.241	-1.17	Salivary gland	3R:-:50704611-50704552	exon=> In CDS Exon 3 of transcript AGAP010206-PA
JHU_Ag_27214	VLLDHKNDDLSFENDSLTAIQSQLK	AGAP010206-PA	-	78	2.01E-07	1	2843.447	1.55	Malpighian tubule	3R:-:50703342-50703522,50702745-50703184	exon=> In CDS Exon 8 and 7 of transcript AGAP010206-PA
JHU_Ag_31529	NTAEVALTNLK	AGAP010206-PA	-	50	0.000140586	2	1173.648	0.79	Malpighian tubule	3R:-:50702874-50702842	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_34225	LCLTANLR	AGAP010206-PA	C2(Carbamidomethyl)	42	0.000918077	1	960.531	1.5	Salivary gland	3R:-:50704043-50704020	exon=> In CDS Exon 5 of transcript AGAP010206-PA
JHU_Ag_36733	SSQVEFEGAK	AGAP010206-PA	-	41	0.001010233	1	1081.517	1.2	Malpighian tubule	3R:-:50704734-50705091,50704510-50704627	exon=> In CDS Exon 3 and 2 of transcript AGAP010206-PA
JHU_Ag_42427	LMLLAAHVDALHTLKK	AGAP010206-PA	M2(Oxidation)	31	0.001154335	1	1790.036	0.39	Salivary gland	3R:-:50703962-50703915	exon=> In CDS Exon 5 of transcript AGAP010206-PA
JHU_Ag_50673	VVTDSSATSSGDVK	AGAP010206-PA	-	43	0.000796187	2	1352.660	4.38	Larva	3R:-:50703030-50702989	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_50891	SQNDLQNFMAK	AGAP010206-PA	M9(Oxidation)	76	2.65E-07	1	1311.602	1.54	Malpighian tubule	3R:-:50703995-50703963	exon=> In CDS Exon 5 of transcript AGAP010206-PA
JHU_Ag_50912	SNKNTAEVALTNLK	AGAP010206-PA	-	68	1.58E-06	2	1502.825	4.76	Malpighian tubule	3R:-:50702883-50702842	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_69144	ELDQVSSENIQSAK	AGAP010206-PA	-	71	1.42E-06	2	1547.759	2.44	Salivary gland	3R:-:50706646-50706605	exon=> In CDS Exon 1 of transcript AGAP010206-PA
JHU_Ag_75175	TNLVALSDDLAQLYHLVCTVNGETPNR	AGAP010206-PA	C18(Carbamidomethyl)	36	0.002806635	3	3013.523	6.15	Ovary	3R:-:50703423-50703343	exon=> In CDS Exon 7 of transcript AGAP010206-PA
JHU_Ag_75885	VLLDHKNDDLSFENDSLTAIQSQLK	AGAP010206-PA	-	71	1.02E-06	1	2843.450	2.82	Ovary	3R:-:50703342-50703522,50702745-50703184	exon=> In CDS Exon 8 and 7 of transcript AGAP010206-PA
JHU_Ag_78883	LTEEIELLNSQVEELASLKK	AGAP010206-PA	-	79	5.85E-08	1	2286.257	5.71	Malpighian tubule	3R:-:50704611-50704552	exon=> In CDS Exon 3 of transcript AGAP010206-PA
JHU_Ag_87544	SDILTSKPHVFEDLQALSDAVEIRK	AGAP010206-PA	-	54	2.35E-05	1	2811.503	5.03	Ovary	3R:-:50703183-50703109	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_91480	SDILTSKPHVFEDLQALSDAVEIR	AGAP010206-PA	-	49	0.000104588	3	2683.401	2.83	Salivary gland	3R:-:50703183-50703112	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_98354	SDILTSKPHVFEDLQALSDAVEIR	AGAP010206-PA	-	48	0.000111	1	2683.410	5.9	Ovary	3R:-:50703183-50703112	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_100159	MLADYSELEEENISLQK	AGAP010206-PA	M1(Oxidation)	100	1.52E-09	1	2027.959	5.39	Malpighian tubule	3R:-:50704803-50704753	exon=> In CDS Exon 2 of transcript AGAP010206-PA

JHU_Ag_102176	HELDITQEALQK	AGAP010206-PA	-	85	4.70E-08	1	1424.734	-3.14	Head	3R:-:50706523-50706703,50704726-50705080	exon=> In CDS Exon 2 and 1 of transcript AGAP010206-PA
JHU_Ag_106372	ELDQVSSENIQSAK	AGAP010206-PA	-	49	0.000225236	2	1547.766	7.48	Ovary	3R:-:50706646-50706605	exon=> In CDS Exon 1 of transcript AGAP010206-PA
JHU_Ag_106686	EEIADLHEQIIK	AGAP010206-PA	-	68	1.99E-06	2	1437.759	0.44	Salivary gland	3R:-:50702979-50702944	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_108731	ILKEDAATFSSLR	AGAP010206-PA	-	74	2.85E-07	1	1450.796	4.37	Salivary gland	3R:-:50702775-50703226,50702484-50702651	exon=> In CDS Exon 9 and 8 of transcript AGAP010206-PA
JHU_Ag_111732	KYVDTVSDQIR	AGAP010206-PA	-	53	7.55E-05	2	1323.683	-5.44	Salivary gland	3R:-:50703111-50703079	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_113640	TSSAELETLRSEIER	AGAP010206-PA	N-Term(Acetyl)	52	8.88E-05	1	1762.892	5.78	Malpighian tubule	3R:-:50706700-50706656	exon=> In CDS Exon 1 of transcript AGAP010206-PA
JHU_Ag_115443	LRNELR	AGAP010206-PA	N3(Deamidated)	46	0.000585319	2	801.458	0.05	Salivary gland	3R:-:50702793-50702776	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_116410	NTAEVALTNLK	AGAP010206-PA	-	72	8.76E-07	2	1173.648	0.17	Salivary gland	3R:-:50702874-50702842	exon=> In CDS Exon 8 of transcript AGAP010206-PA
JHU_Ag_49878	RQEIEQER	AGAP010207-PA	Q2(Deamidated)	37	0.003078478	1	1088.541	6.84	Pupa	3R:+:50718794-50718817	exon=> In CDS Exon 4 of transcript AGAP010207-PA
JHU_Ag_20498	YLQTQPEFIFPEGASK	AGAP010210-PA	-	83	7.82E-08	1	1854.934	3.61	Visceras	3R:+:50835931-50835978	exon=> In CDS Exon 2 of transcript AGAP010210-PA
JHU_Ag_53791	GEDDEINTIAAGGATGLLYK	AGAP010210-PA	-	117	2.99E-11	2	2007.985	-0.82	Midgut	3R:+:50836308-50836367	exon=> In CDS Exon 3 of transcript AGAP010210-PA
JHU_Ag_16894	TTHASYEEIITQCEK	AGAP010212-PA	C13(Carbamidomethyl)	69	1.76E-06	2	1809.835	1.24	Head	3R:+:50839699-50839743	exon=> In CDS Exon 2 of transcript AGAP010212-PA
JHU_Ag_36800	MDLELKK	AGAP010212-PA	N-Term(Acetyl), M1(Oxidation)	37	0.003412191	2	934.490	-1.12	Ovary	3R:+:50839391-50839411	exon=> In CDS Exon 1 of transcript AGAP010212-PA
JHU_Ag_71512	HISNLAPETR	AGAP010212-PA	-	40	0.001206555	1	1137.602	0.41	Ovary	3R:+:50839603-50839632	exon=> In CDS Exon 2 of transcript AGAP010212-PA
JHU_Ag_74427	TTHASYEEIITQCEK	AGAP010212-PA	C13(Carbamidomethyl)	49	0.000164331	1	1809.834	0.99	Ovary	3R:+:50839699-50839743	exon=> In CDS Exon 2 of transcript AGAP010212-PA
JHU_Ag_75520	VYASVGR	AGAP010212-PA	-	44	0.000355035	2	751.411	1.27	Malpighian tubule	3R:+:50839633-50839653	exon=> In CDS Exon 2 of transcript AGAP010212-PA
JHU_Ag_86840	HISNLAPETR	AGAP010212-PA	-	45	0.00036647	2	1137.598	-2.91	Head	3R:+:50839603-50839632	exon=> In CDS Exon 2 of transcript AGAP010212-PA
JHU_Ag_99545	KSETTETNGKPAE	AGAP010212-PA	N8(Deamidated)	62	9.26E-06	2	1392.651	1.76	Malpighian tubule	3R:+:50839813-50839851	exon=> In CDS Exon 2 of transcript AGAP010212-PA
JHU_Ag_108948	MYVLNDVPTLTEQLK	AGAP010212-PA	M1(Oxidation)	112	7.62E-11	1	1779.918	-1.13	Ovary	3R:+:50839654-50839698	exon=> In CDS Exon 2 of transcript AGAP010212-PA
JHU_Ag_211	EHVLANKLETTQWVSR	AGAP010214-PA	-	123	5.87E-12	1	1911.011	1.26	Midgut	3R:+:50842684-50842731	exon=> In CDS Exon 1 of transcript AGAP010214-PA
JHU_Ag_3837	GLHAAIGFISR	AGAP010214-PA	-	56	1.43E-05	1	1141.650	1.6	Midgut	3R:+:50844659-50844691	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_9046	KGLHAAIGFISR	AGAP010214-PA	-	57	9.87E-06	1	1269.745	1.76	Male reproductive organs	3R:+:50844656-50844691	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_9456	LAPPTVVQPQQQGQ	AGAP010214-PA	-	81	1.04E-07	2	1490.796	-0.44	Midgut	3R:+:50844692-50844733	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_11802	KGLHAAIGFISR	AGAP010214-PA	-	58	6.30E-06	3	1269.739	-2.55	Midgut	3R:+:50844656-50844691	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_11911	LVAENFANGASTPPVLR	AGAP010214-PA	-	107	1.95E-10	1	1755.942	1.59	Head	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_12791	LLISVVEFQTR	AGAP010214-PA	-	63	2.20E-06	1	1304.762	3.59	Head	3R:+:50844325-50844357	exon=> In CDS Exon 3 of transcript AGAP010214-PA
JHU_Ag_13580	LLISVVEFQTR	AGAP010214-PA	-	61	3.10E-06	2	1304.758	0.79	Salivary gland	3R:+:50844325-50844357	exon=> In CDS Exon 3 of transcript AGAP010214-PA

JHU_Ag_14782	GLHAAIGFISR	AGAP010214-PA	-	83	3.81E-08	1	1141.652	3.56	Malpighian tubule	3R:+:50844659-50844691	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_17844	LVAENFANGASTPPVLR	AGAP010214-PA	N5(Deamidated),N8(Deamidated)	112	8.46E-11	2	1756.924	0.34	Midgut	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_21179	LVAENFANGASTPPVLRK	AGAP010214-PA	N8(Deamidated)	97	1.57E-09	1	1884.032	-0.78	Midgut	3R:+:50844605-50844658	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_22920	LLISVVEFQTR	AGAP010214-PA	-	68	5.89E-07	2	1304.761	2.56	Pupa	3R:+:50844325-50844357	exon=> In CDS Exon 3 of transcript AGAP010214-PA
JHU_Ag_25363	VLMANAATSAIR	AGAP010214-PA	-	71	1.18E-06	1	1217.669	1.32	Malpighian tubule	3R:+:50843988-50844023	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_25777	LVAENFANGASTPPVLR	AGAP010214-PA	-	56	2.50E-05	2	1755.944	2.98	Visceras	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_33492	KGLHAAIGFISR	AGAP010214-PA	-	62	3.08E-06	1	1269.745	1.86	Malpighian tubule	3R:+:50844656-50844691	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_34810	VLMANAATSAIR	AGAP010214-PA	M3(Oxidation)	90	1.48E-08	2	1233.662	0.28	Midgut	3R:+:50843988-50844023	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_37014	LAPPTVVQPQQQGQ	AGAP010214-PA	-	32	0.007491728	2	1490.802	3.74	Head	3R:+:50844692-50844733	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_42690	LPPFTLSR	AGAP010214-PA	-	43	0.000522064	2	930.541	0.12	Male reproductive organs	3R:+:50844036-50844059	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_44767	LAPPTVVQPQQQGQ	AGAP010214-PA	-	61	1.05E-05	1	1490.800	2.67	Malpighian tubule	3R:+:50844692-50844733	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_45902	LVAENFANGASTPPVLR	AGAP010214-PA	-	80	1.08E-07	2	1755.940	0.34	Ovary	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_47539	VLMANAATSAIR	AGAP010214-PA	-	77	2.62E-07	1	1217.668	0.62	Pupa	3R:+:50843988-50844023	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_50917	EHVLANK	AGAP010214-PA	-	46	0.000186833	1	810.447	0.27	Midgut	3R:+:50842684-50842704	exon=> In CDS Exon 1 of transcript AGAP010214-PA
JHU_Ag_55326	LAPPTVVQPQQQGQ	AGAP010214-PA	-	63	5.83E-06	2	1490.796	-0.11	Male reproductive organs	3R:+:50844692-50844733	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_56986	LVAENFANGASTPPVLR	AGAP010214-PA	N8(Deamidated)	96	3.17E-09	1	1756.926	1.59	Male reproductive organs	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_66050	VLMANAATSAIR	AGAP010214-PA	M3(Oxidation)	43	0.000674868	2	1233.662	0.18	Head	3R:+:50843988-50844023	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_69096	EHVLANK	AGAP010214-PA	-	42	0.000467147	1	810.446	-0.78	Head	3R:+:50842684-50842704	exon=> In CDS Exon 1 of transcript AGAP010214-PA
JHU_Ag_77808	LPPFTLSR	AGAP010214-PA	-	42	0.000652007	1	930.541	-0.08	Midgut	3R:+:50844036-50844059	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_78666	NMFYEFR	AGAP010214-PA	-	37	0.001277409	1	1006.445	0.22	Midgut	3R:+:50844584-50844604	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_82067	LVAENFANGASTPPVLR	AGAP010214-PA	N8(Deamidated)	122	6.47E-12	1	1756.932	5.2	Larva	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_88522	VLMANAATSAIR	AGAP010214-PA	M3(Oxidation)	76	3.28E-07	1	1233.665	2.56	Male reproductive organs	3R:+:50843988-50844023	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_88564	LVAENFANGASTPPVLR	AGAP010214-PA	N8(Deamidated)	123	6.51E-12	1	1756.923	0.27	Pupa	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_89925	LVAENFANGASTPPVLR	AGAP010214-PA	N8(Deamidated)	97	2.54E-09	1	1756.923	-0.08	Malpighian tubule	3R:+:50844605-50844655	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_94329	SDQQRDQQSQQR	AGAP010214-PA	N-Term(Acetyl)	61	8.79E-06	1	1545.707	4.6	Malpighian tubule	3R:+:50842624-50842659	exon=> In CDS Exon 1 of transcript AGAP010214-PA
JHU_Ag_98610	AGIMTPLVYYQFLVMR	AGAP010214-PA	M4(Oxidation)	58	2.46E-05	2	1917.997	0.14	Midgut	3R:+:50844506-50844553	exon=> In CDS Exon 4 of transcript AGAP010214-PA
JHU_Ag_107058	LLISVVEFQTR	AGAP010214-PA	-	81	3.53E-08	2	1304.757	-0.34	Midgut	3R:+:50844325-50844357	exon=> In CDS Exon 3 of transcript AGAP010214-PA
JHU_Ag_108681	LLISVVEFQTR	AGAP010214-PA	-	60	4.47E-06	2	1304.757	-0.24	Ovary	3R:+:50844325-50844357	exon=> In CDS Exon 3 of transcript AGAP010214-PA

JHU_Ag_112348	VLMANAATSAIR	AGAP010214-PA	M3(Oxidation)	46	0.000353455	2	1233.664	1.57	Larva	3R:+:50843988-50844023	exon=> In CDS Exon 2 of transcript AGAP010214-PA
JHU_Ag_308	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	105	3.81E-10	1	1275.700	2.03	Salivary gland	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_1915	AIVGASLSDIMAK	AGAP010216-PA	-	70	1.52E-06	2	1275.698	0.3	Pupa	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_3825	ADGKTFTFLNK	AGAP010216-PA	-	61	8.08E-06	1	1241.653	0.49	Malpighian tubule	3R:+:50847495-50847506,50847607-50847627	exon=> In CDS Exon 2 and 3 of transcript AGAP010216-PA
JHU_Ag_6234	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	98	1.84E-09	1	1291.692	-0.39	Midgut	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_15093	GIVEEAAK	AGAP010216-PA	-	46	0.000527781	2	816.446	-0.22	Malpighian tubule	3R:+:50847709-50847732	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_17601	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	105	3.06E-10	1	1275.700	1.74	Visceras	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_18495	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	110	1.27E-10	1	1291.697	3.2	Larva	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_18537	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	105	2.95E-10	1	1275.704	4.8	Head	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_19039	IGLCAFSGFK	AGAP010216-PA	C4(Carbamidomethyl)	67	1.87E-06	1	1099.561	0.28	Salivary gland	3R:+:50847432-50847461	exon=> In CDS Exon 2 of transcript AGAP010216-PA
JHU_Ag_24523	TFTFLNKK	AGAP010216-PA	-	41	0.000375142	1	998.569	1.79	Ovary	3R:+:50847607-50847630	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_24843	GIVEEAAK	AGAP010216-PA	-	49	0.000272557	2	816.445	-0.89	Larva	3R:+:50847709-50847732	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_32309	IGLCAFSGFK	AGAP010216-PA	C4(Carbamidomethyl)	58	1.31E-05	2	1099.561	0.5	Visceras	3R:+:50847432-50847461	exon=> In CDS Exon 2 of transcript AGAP010216-PA
JHU_Ag_36791	IGLCAFSGFKIYPASGK	AGAP010216-PA	C4(Carbamidomethyl)	137	2.19E-13	1	1815.956	5.41	Malpighian tubule	3R:+:50847432-50847482	exon=> In CDS Exon 2 of transcript AGAP010216-PA
JHU_Ag_46189	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	109	1.32E-10	1	1291.697	3.57	Malpighian tubule	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_47569	TFTFLNK	AGAP010216-PA	-	41	0.000566718	2	870.472	0.16	Male reproductive organs	3R:+:50847607-50847627	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_50464	WTVLYR	AGAP010216-PA	-	30	0.00515696	2	837.464	2.78	Larva	3R:+:50847676-50847693	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_54127	IGLCAFSGFK	AGAP010216-PA	C4(Carbamidomethyl)	77	2.00E-07	1	1099.563	2.27	Malpighian tubule	3R:+:50847432-50847461	exon=> In CDS Exon 2 of transcript AGAP010216-PA
JHU_Ag_55013	TFTFLNKK	AGAP010216-PA	-	29	0.005704218	1	998.568	1.24	Pupa	3R:+:50847607-50847630	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_61669	KGIVEEAAK	AGAP010216-PA	-	55	5.28E-05	2	944.538	-2.97	Larva	3R:+:50847706-50847732	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_66263	VKWTVLYR	AGAP010216-PA	-	37	0.000826929	2	1064.625	-0.22	Malpighian tubule	3R:+:50847670-50847693	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_67216	IGLCAFSGFK	AGAP010216-PA	C4(Carbamidomethyl)	77	1.85E-07	1	1099.561	0.83	Ovary	3R:+:50847432-50847461	exon=> In CDS Exon 2 of transcript AGAP010216-PA
JHU_Ag_71342	AIVGASLSDIMAKR	AGAP010216-PA	M11(Oxidation)	111	3.79E-11	2	1431.807	5.69	Malpighian tubule	3R:+:50847766-50847807	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_75599	WTVLYR	AGAP010216-PA	-	35	0.001517893	2	837.463	2.05	Salivary gland	3R:+:50847676-50847693	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_78059	WTVLYR	AGAP010216-PA	-	41	0.000455882	2	837.461	-1.01	Visceras	3R:+:50847676-50847693	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_84313	GIVEEAAK	AGAP010216-PA	-	41	0.00179661	2	816.446	0.15	Ovary	3R:+:50847709-50847732	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_84934	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	86	2.70E-08	1	1291.692	-0.87	Ovary	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA

JHU_Ag_88856	IGLCAFSGFK	AGAP010216-PA	C4(Carbamidomethyl)	40	0.000826117	1	1099.561	0.12	Midgut	3R:+:50847432-50847461	exon=> In CDS Exon 2 of transcript AGAP010216-PA
JHU_Ag_90181	IGLCAFSGFK	AGAP010216-PA	C4(Carbamidomethyl)	40	0.000988647	2	1099.561	0.72	Head	3R:+:50847432-50847461	exon=> In CDS Exon 2 of transcript AGAP010216-PA
JHU_Ag_95272	AIVGASLSDIMAK	AGAP010216-PA	M11(Oxidation)	109	1.34E-10	1	1291.694	0.83	Male reproductive organs	3R:+:50847766-50847804	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_99814	KGIVEEAAK	AGAP010216-PA	-	59	1.99E-05	2	944.542	0.72	Malpighian tubule	3R:+:50847706-50847732	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_104880	WTVLYR	AGAP010216-PA	-	42	0.000331315	2	837.463	1.98	Malpighian tubule	3R:+:50847676-50847693	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_111092	WTVLYR	AGAP010216-PA	-	39	0.0006712	2	837.462	0.37	Pupa	3R:+:50847676-50847693	exon=> In CDS Exon 3 of transcript AGAP010216-PA
JHU_Ag_386	DPTGDLPWEEDPIGADVVHVPDAVTLGK	AGAP010217-PA	-	134	4.54E-13	1	2942.455	4.57	Larva	3R:-:50850571-50850862,50850213-50850422	exon=> In CDS Exon 2 and 1 of transcript AGAP010217-PA
JHU_Ag_1397	YVLAAIDVNRPENSIIR	AGAP010217-PA	-	36	0.001476644	1	1943.069	-1.26	Midgut	3R:-:50850307-50850257	exon=> In CDS Exon 2 of transcript AGAP010217-PA
JHU_Ag_2110	YVLAAIDVNRPENSIIR	AGAP010217-PA	-	77	9.19E-08	1	1943.076	2.51	Larva	3R:-:50850307-50850257	exon=> In CDS Exon 2 of transcript AGAP010217-PA
JHU_Ag_26181	DPTGDLPWEEDPIGADVVHVPDAVTLGK	AGAP010217-PA	-	138	2.03E-13	1	2942.456	4.76	Visceras	3R:-:50850571-50850862,50850213-50850422	exon=> In CDS Exon 2 and 1 of transcript AGAP010217-PA
JHU_Ag_34163	YVLAAIDVNRPENSIIR	AGAP010217-PA	-	37	0.00099837	1	1943.074	1.75	Ovary	3R:-:50850307-50850257	exon=> In CDS Exon 2 of transcript AGAP010217-PA
JHU_Ag_43631	TAQDMLQFLR	AGAP010217-PA	M5(Oxidation)	46	0.000401646	1	1238.618	-1.12	Midgut	3R:-:50848817-50848788	exon=> In CDS Exon 5 of transcript AGAP010217-PA
JHU_Ag_63545	DPTGDLPWEEDPIGADVVHVPDAVTLGK	AGAP010217-PA	-	120	1.23E-11	1	2942.450	2.58	Head	3R:-:50850571-50850862,50850213-50850422	exon=> In CDS Exon 2 and 1 of transcript AGAP010217-PA
JHU_Ag_72438	TLKPEFSAAATELK	AGAP010217-PA	-	60	7.83E-06	2	1505.822	0.91	Head	3R:-:50850355-50850314	exon=> In CDS Exon 2 of transcript AGAP010217-PA
JHU_Ag_75147	DPTGDLPWEEDPIGADVVHVPDAVTLGK	AGAP010217-PA	-	114	5.67E-11	1	2942.446	1.52	Pupa	3R:-:50850571-50850862,50850213-50850422	exon=> In CDS Exon 2 and 1 of transcript AGAP010217-PA
JHU_Ag_101776	HSAVCSSYEVR	AGAP010217-PA	C5(Carbamidomethyl)	52	6.86E-05	2	1294.578	-5.36	Head	3R:-:50849294-50849262	exon=> In CDS Exon 5 of transcript AGAP010217-PA
JHU_Ag_21785	NHSNIR	AGAP010218-PA	-	31	0.00349298	1	740.381	1.72	Midgut	3R:+:50871650-50871667	exon=> In CDS Exon 12 of transcript AGAP010218-PA
JHU_Ag_22970	LIYHDQVIIPLK	AGAP010219-PA	-	32	0.001251044	1	1451.868	3.84	Ovary	3R:+:50914352-50914363,50914455-50914478	exon=> In CDS Exon 3 and 4 of transcript AGAP010219-PA
JHU_Ag_26398	IFPYLCQSVSNFVR	AGAP010219-PA	C6(Carbamidomethyl)	102	8.37E-10	1	1729.877	2.47	Ovary	3R:+:50912188-50912229	exon=> In CDS Exon 2 of transcript AGAP010219-PA
JHU_Ag_28130	LYQNLINSLFPSIYGNDEVKR	AGAP010219-PA	-	95	3.19E-09	1	2483.303	4.14	Ovary	3R:+:50912965-50913027	exon=> In CDS Exon 2 of transcript AGAP010219-PA
JHU_Ag_32751	SLQQNIQLTAPIMSR	AGAP010219-PA	-	79	1.19E-07	2	1699.918	0.95	Ovary	3R:+:50913554-50913598	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_40863	IVDLHSHIEHSLDQVYSR	AGAP010219-PA	-	92	8.59E-09	1	2148.089	2.84	Ovary	3R:+:50913665-50913718	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_45915	MDVADAHVGQLR	AGAP010219-PA	N-Term(Acetyl)	62	9.84E-06	1	1353.662	3.04	Malpighian tubule	3R:+:50911889-50911924	exon=> In CDS Exon 1 of transcript AGAP010219-PA
JHU_Ag_50826	TSILAAANPIGGR	AGAP010219-PA	-	54	2.54E-05	2	1240.700	-0.81	Male reproductive organs	3R:+:50913500-50913538	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_54442	GDINVCIVGDPSTAK	AGAP010219-PA	C6(Carbamidomethyl)	81	1.43E-07	1	1545.762	2.71	Ovary	3R:+:50913173-50913217	exon=> In CDS Exon 3 of transcript AGAP010219-PA

JHU_Ag_54562	TNETEENDQDTPAVAK	AGAP010219-PA	-	94	3.25E-09	2	1761.779	1.02	Malpighian tubule	3R:+:50914082-50914129	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_59472	TSILAAANPIGGRYDR	AGAP010219-PA	-	52	7.57E-05	1	1674.892	0.09	Ovary	3R:+:50913500-50913547	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_68467	MDVADAHVGQLR	AGAP010219-PA	N-Term(Acetyl), M1(Oxidation)	64	5.28E-06	1	1369.654	0.66	Ovary	3R:+:50911889-50911924	exon=> In CDS Exon 1 of transcript AGAP010219-PA
JHU_Ag_68793	IQETQAELPR	AGAP010219-PA	-	55	2.77E-05	2	1184.627	0.18	Ovary	3R:+:50912554-50912583	exon=> In CDS Exon 2 of transcript AGAP010219-PA
JHU_Ag_69366	MDVADAHVGQLR	AGAP010219-PA	N-Term(Acetyl)	69	1.65E-06	2	1353.661	1.87	Ovary	3R:+:50911889-50911924	exon=> In CDS Exon 1 of transcript AGAP010219-PA
JHU_Ag_76040	TSILAAANPIGGR	AGAP010219-PA	-	54	2.27E-05	2	1240.706	4.11	Salivary gland	3R:+:50913500-50913538	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_81152	MDVADAHVGQLR	AGAP010219-PA	N-Term(Acetyl), M1(Oxidation)	85	4.37E-08	1	1369.658	3.69	Malpighian tubule	3R:+:50911889-50911924	exon=> In CDS Exon 1 of transcript AGAP010219-PA
JHU_Ag_96206	TSILAAANPIGGRYDR	AGAP010219-PA	-	44	0.000371396	1	1674.902	5.56	Malpighian tubule	3R:+:50913500-50913547	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_100944	TNETEENDQDTPAVAK	AGAP010219-PA	-	74	3.38E-07	2	1761.780	1.23	Ovary	3R:+:50914082-50914129	exon=> In CDS Exon 3 of transcript AGAP010219-PA
JHU_Ag_101928	MAFLACSVQVTSSR	AGAP010219-PA	C6(Carbamidomethyl)	48	0.000219604	2	1556.755	-0.79	Ovary	3R:+:50912815-50912856	exon=> In CDS Exon 2 of transcript AGAP010219-PA
JHU_Ag_106674	GILLMLFGGVAK	AGAP010219-PA	M5(Oxidation)	70	3.45E-07	2	1234.728	3.81	Ovary	3R:+:50913028-50913063	exon=> In CDS Exon 2 of transcript AGAP010219-PA
JHU_Ag_107617	VIDRLIYHDQVIIPLK	AGAP010219-PA	-	98	4.50E-11	1	1935.144	0.54	Ovary	3R:+:50914340-50914363,50914455-50914478	exon=> In CDS Exon 3 and 4 of transcript AGAP010219-PA
JHU_Ag_3873	LMNLDQEHLGIPETDYACVVR	AGAP010220-PA	M2(Oxidation), C18(Carbamidomethyl)	85	5.14E-08	1	2489.183	1.03	Male reproductive organs	3R:-:50916113-50916051	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_9450	LMNLDQEHLGIPETDYACVVR	AGAP010220-PA	M2(Oxidation), C18(Carbamidomethyl)	150	1.78E-14	1	2489.181	0.37	Ovary	3R:-:50916113-50916051	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_24403	NLSMGMNLANMAK	AGAP010220-PA	M4(Oxidation), M6(Oxidation), M11(Oxidation)	85	2.51E-08	1	1442.640	-2.29	Ovary	3R:-:50916272-50916234	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_28948	AQDNADTVTFMFESQNQEK	AGAP010220-PA	M11(Oxidation)	90	7.23E-09	2	2218.954	-0.86	Male reproductive organs	3R:-:50916191-50916135	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_36763	LNASHVLK	AGAP010220-PA	-	42	0.000196857	2	881.521	0.57	Male reproductive organs	3R:-:50916449-50916426	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_39358	DLLNEATFDCSDSGIQLQAMDNSHVSLVSLSLR	AGAP010220-PA	C10(Carbamidomethyl), M20(Oxidation)	190	1.13E-18	1	3651.724	-0.74	Ovary	3R:-:50916404-50916306	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_42511	SDGFDKYR	AGAP010220-PA	-	49	5.40E-05	1	987.455	2.33	Male reproductive organs	3R:-:50916305-50916282	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_44132	NLSMGMNLANMAK	AGAP010220-PA	M4(Oxidation), M6(Oxidation), M11(Oxidation)	60	9.33E-06	1	1442.649	3.72	Male reproductive organs	3R:-:50916272-50916234	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_54833	FSASGDAGSANIK	AGAP010220-PA	-	96	4.31E-09	2	1224.587	1.33	Ovary	3R:-:50915893-50915855	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_60075	FSASGDAGSANIK	AGAP010220-PA	-	59	2.20E-05	2	1224.589	3.03	Male reproductive organs	3R:-:50915893-50915855	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_62149	MPAMEFAR	AGAP010220-PA	M1(Oxidation), M4(Oxidation)	33	0.002338676	2	984.429	0.83	Ovary	3R:-:50916050-50916027	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_64369	ATPLCNQVQLSMSADVPLVVEYRIPDLGHIR	AGAP010220-PA	C5(Carbamidomethyl), M12(Oxidation)	78	1.12E-07	1	3507.828	5.47	Malpighian tubule	3R:-:50915746-50915654	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_66264	IPDLGHIR	AGAP010220-PA	-	43	0.000405769	2	920.531	-0.77	Male reproductive organs	3R:-:50915677-50915654	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_74731	LAQTSTVDKEDESVIIEMQEPVTLTFACR	AGAP010220-PA	M18(Oxidation), C28(Carbamidomethyl)	163	7.79E-16	1	3326.608	-1.53	Ovary	3R:-:50915854-50915768	exon=> In CDS Exon 2 of transcript AGAP010220-PA

JHU_Ag_82493	YYLAPKIEDDEN	AGAP010220-PA	-	57	2.08E-05	1	1469.685	3.39	Malpighian tubule	3R:-:50915653-50915618	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_89290	DLSQFGESVVISCTK	AGAP010220-PA	C13(Carbamidomethyl)	78	2.47E-07	1	1669.811	0.51	Ovary	3R:-:50916017-50915973	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_95258	KVLDAIK	AGAP010220-PA	-	35	0.001297372	2	786.508	-0.62	Ovary	3R:-:50916425-50916405	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_96708	ATPLCNQVQLSMSADVPLVVEYR	AGAP010220-PA	C5(Carbamidomethyl), M12(Oxidation)	54	4.88E-05	1	2606.291	-1.83	Ovary	3R:-:50915746-50915678	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_104472	IPDLGHIR	AGAP010220-PA	-	36	0.002278498	1	920.532	0.89	Salivary gland	3R:-:50915677-50915654	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_110908	AQDNADTVTFMFESQNQEK	AGAP010220-PA	M11(Oxidation)	92	4.69E-09	1	2218.960	1.69	Ovary	3R:-:50916191-50916135	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_113600	LNASHVLK	AGAP010220-PA	-	53	1.80E-05	1	881.520	-0.75	Ovary	3R:-:50916449-50916426	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_113602	DLSQFGESVVISCTK	AGAP010220-PA	C13(Carbamidomethyl)	106	4.15E-10	1	1669.812	0.87	Male reproductive organs	3R:-:50916017-50915973	exon=> In CDS Exon 1 of transcript AGAP010220-PA
JHU_Ag_116436	IPDLGHIR	AGAP010220-PA	-	54	3.07E-05	1	920.531	-0.1	Ovary	3R:-:50915677-50915654	exon=> In CDS Exon 2 of transcript AGAP010220-PA
JHU_Ag_20936	IGVVFEVVK	AGAP010227-PA	-	40	0.000304342	2	989.603	0.02	Ovary	3R:+:51289837-51289863	exon=> In CDS Exon 1 of transcript AGAP010227-PA
JHU_Ag_79108	IGVVFEVVK	AGAP010227-PA	-	45	5.97E-05	2	989.604	1.44	Malpighian tubule	3R:+:51289837-51289863	exon=> In CDS Exon 1 of transcript AGAP010227-PA
JHU_Ag_2193	IIEEAPAPGLSEELRK	AGAP010228-PA	-	49	6.39E-05	1	1751.959	2.93	Head	3R:+:51291925-51291972	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_9281	AIPNAEGSNVR	AGAP010228-PA	-	50	9.62E-05	2	1127.584	3.53	Malpighian tubule	3R:+:51293232-51293264	exon=> In CDS Exon 3 of transcript AGAP010228-PA
JHU_Ag_13016	FLVTESSMGGVDASSVTAPMPGVLDKLFVKPGDTVK	AGAP010228-PA	M8(Oxidation), M20(Oxidation)	116	1.85E-11	1	3711.914	7.42	Malpighian tubule	3R:+:51293046-51293153	exon=> In CDS Exon 3 of transcript AGAP010228-PA
JHU_Ag_13744	IYAEDPAGGFLPGAGPLDYLSTPETSNTTR	AGAP010228-PA	-	46	0.000337036	1	3110.501	1.88	Visceras	3R:+:51292231-51292320	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_14499	VVQMALAHTLNER	AGAP010228-PA	M4(Oxidation)	94	2.46E-09	1	1481.797	5.09	Malpighian tubule	3R:+:51292594-51292632	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_17303	LPVTQEDIVK	AGAP010228-PA	-	62	5.27E-06	2	1141.648	1.1	Malpighian tubule	3R:+:51292177-51292206	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_17427	LANEAYNIGPAASQQSYLRGDK	AGAP010228-PA	-	45	0.000468614	1	2366.182	3.57	Ovary	3R:+:51291343-51291408	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_22469	LFVKPGDTVK	AGAP010228-PA	-	31	0.005574954	2	1103.647	0.94	Head	3R:+:51293124-51293153	exon=> In CDS Exon 3 of transcript AGAP010228-PA
JHU_Ag_31094	IIEEAPAPGLSEELR	AGAP010228-PA	-	63	4.67E-06	1	1623.865	3.99	Malpighian tubule	3R:+:51291925-51291969	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_31759	IGFPLMIK	AGAP010228-PA	-	30	0.003153712	1	918.552	4.08	Malpighian tubule	3R:+:51291664-51291687	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_36373	LPVTQEDIVK	AGAP010228-PA	-	44	0.000261671	1	1141.651	3.67	Ovary	3R:+:51292177-51292206	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_37107	IYAEDPAGGFLPGAGPLDYLSTPETSNTTRVETGVR	AGAP010228-PA	-	80	9.00E-08	1	3751.862	4.53	Malpighian tubule	3R:+:51292231-51292338	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_37109	AFGDSAMLLER	AGAP010228-PA	-	77	2.43E-07	2	1209.600	5.65	Malpighian tubule	3R:+:51291784-51291816	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_39719	IIEEAPAPGLSEELRK	AGAP010228-PA	-	70	4.63E-07	2	1751.961	3.98	Ovary	3R:+:51291925-51291972	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_48301	IIEEAPAPGLSEELRK	AGAP010228-PA	-	58	6.46E-06	1	1751.964	5.93	Malpighian tubule	3R:+:51291925-51291972	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_49505	LANEAYNIGPAASQQSYLR	AGAP010228-PA	-	70	1.42E-06	2	2066.043	6.08	Midgut	3R:+:51291343-51291399	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_50421	KIGFPLMIK	AGAP010228-PA	M7(Oxidation)	26	0.005864342	1	1062.643	4.52	Malpighian tubule	3R:+:51291661-51291687	exon=> In CDS Exon 2 of transcript AGAP010228-PA

JHU_Ag_52538	LLIANR	AGAP010228-PA	-	39	0.000412552	2	699.453	2	Salivary gland	3R:+:51291226-51291243	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_54945	TCGPFDVEYGFRPNYRVPR	AGAP010228-PA	C2(Carbamidomethyl)	57	3.06E-05	1	2330.124	4.54	Malpighian tubule	3R:+:51292663-51292719	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_56957	HIMSAAGVPIINGYHGEDQSDEK	AGAP010228-PA	M3(Oxidation),"M3(Oxidation), N12(Deamidated)"	146	3.13E-14	1	2485.125	-1.92	Head	3R:+:51291574-51291642	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_69743	TVAVFSDADEK	AGAP010228-PA	-	43	0.000892813	2	1181.569	0.01	Malpighian tubule	3R:+:51291295-51291327	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_71333	KVIPATK	AGAP010228-PA	-	32	0.002473446	1	756.498	-0.23	Salivary gland	3R:+:51292573-51292593	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_73629	VAAGERLPVTQEDIVK	AGAP010228-PA	-	84	1.65E-08	1	1724.963	4.84	Malpighian tubule	3R:+:51292159-51292206	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_74421	TCGPFDVEYGFRPNYR	AGAP010228-PA	C2(Carbamidomethyl)	51	0.000105006	1	1977.894	1.14	Head	3R:+:51292663-51292710	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_80197	LANEAYNIGPAASQQSYLR	AGAP010228-PA	-	57	2.90E-05	1	2066.034	1.71	Malpighian tubule	3R:+:51291343-51291399	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_84929	LANEAYNIGPAASQQSYLR	AGAP010228-PA	-	42	0.000847916	2	2066.036	2.65	Ovary	3R:+:51291343-51291399	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_86173	LPVTQEDIVKR	AGAP010228-PA	-	56	1.11E-05	1	1297.747	-0.01	Visceras	3R:+:51292177-51292209	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_89776	AIPNAEGSNVR	AGAP010228-PA	-	38	0.001615925	2	1127.581	0.39	Head	3R:+:51293232-51293264	exon=> In CDS Exon 3 of transcript AGAP010228-PA
JHU_Ag_91478	LPVTQEDIVK	AGAP010228-PA	-	57	1.32E-05	2	1141.650	3.56	Head	3R:+:51292177-51292206	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_93517	IAETEADFMPMLQSAR	AGAP010228-PA	M9(Oxidation), M11(Oxidation),M9(Oxidation)	117	2.52E-11	1	1841.849	4.35	Malpighian tubule	3R:+:51291721-51291768	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_94478	LLIANR	AGAP010228-PA	-	32	0.001538801	1	699.451	-0.7	Visceras	3R:+:51291226-51291243	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_96530	TCGPFDVEYGFRPNYR	AGAP010228-PA	C2(Carbamidomethyl)	88	2.05E-08	1	1977.892	0.31	Visceras	3R:+:51292663-51292710	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_99316	LANEAYNIGPAASQQSYLRGDK	AGAP010228-PA	-	80	1.38E-07	1	2366.184	4.26	Malpighian tubule	3R:+:51291343-51291408	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_99812	LANEAYNIGPAASQQSYLR	AGAP010228-PA	-	101	1.11E-09	2	2066.034	2.06	Head	3R:+:51291343-51291399	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_102926	QGDEVSIHYDPMIAK	AGAP010228-PA	-	74	5.58E-07	1	1702.818	4.59	Malpighian tubule	3R:+:51292339-51292383	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_103006	IIEEAPAPGLSEELRK	AGAP010228-PA	-	78	8.48E-08	1	1751.957	1.82	Visceras	3R:+:51291925-51291972	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_106184	IGFPLMIK	AGAP010228-PA	M6(Oxidation)	35	0.001122194	2	918.549	0.49	Head	3R:+:51291664-51291687	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_107526	AFGDSAMLLER	AGAP010228-PA	M7(Oxidation)	65	4.17E-06	1	1225.592	3.35	Salivary gland	3R:+:51291784-51291816	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_108829	LANEAYNIGPAASQQSYLR	AGAP010228-PA	-	75	4.68E-07	2	2066.033	1.47	Visceras	3R:+:51291343-51291399	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_110363	TESEKAFGDSAMLLER	AGAP010228-PA	M12(Oxidation)	59	1.91E-05	1	1783.858	2.67	Malpighian tubule	3R:+:51291769-51291816	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_111422	TVAVFSDADEKSLHVK	AGAP010228-PA	-	65	4.30E-06	1	1745.918	6.56	Malpighian tubule	3R:+:51291295-51291342	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_114022	AIPNAEGSNVRK	AGAP010228-PA	-	50	8.36E-05	1	1255.679	2.97	Malpighian tubule	3R:+:51293232-51293267	exon=> In CDS Exon 3 of transcript AGAP010228-PA
JHU_Ag_115917	TCGPFDVEYGFRPNYR	AGAP010228-PA	C2(Carbamidomethyl)	41	0.000959187	1	1977.893	0.68	Ovary	3R:+:51292663-51292710	exon=> In CDS Exon 2 of transcript AGAP010228-PA
JHU_Ag_117342	LANEAYNIGPAASQQSYLR	AGAP010228-PA	-	87	2.93E-08	1	2066.034	1.94	Salivary gland	3R:+:51291343-51291399	exon=> In CDS Exon 2 of transcript AGAP010228-PA

JHU_Ag_2216	DFGPFYGSSYVAAPDGSR	AGAP010229-PA	-	107	1.85E-10	1	1892.844	-0.33	Head	3R:+:51296489-51296542	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_5368	LPLYAESLAK	AGAP010229-PA	-	41	0.000575747	1	1104.632	2.16	Salivary gland	3R:+:51296648-51296677	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_7440	NAAIANSYFTVAINR	AGAP010229-PA	-	75	3.49E-07	1	1624.843	-0.5	Midgut	3R:+:51296384-51296428	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_8711	LPLYAESLAK	AGAP010229-PA	-	58	7.52E-06	1	1104.633	2.39	Malpighian tubule	3R:+:51296648-51296677	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_10123	TDDNELQFSEETISLAK	AGAP010229-PA	-	108	2.60E-10	1	1939.909	-2.3	Midgut	3R:+:51294857-51294864,51295517-51295559	exon=> In CDS Exon 1 and 2 of transcript AGAP010229-PA
JHU_Ag_17265	VAAVQNTVDIPTTAPIHVQR	AGAP010229-PA	-	125	2.18E-12	1	2130.164	-1.07	Head	3R:+:51295635-51295694	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_17494	QYNMVIISPILER	AGAP010229-PA	M4(Oxidation)	74	3.72E-07	1	1591.851	-0.12	Midgut	3R:+:51295968-51296006	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_18742	VGTEVFPNEFTSGNGLPAHKDFGPFYGSSYVAAPDGSR	AGAP010229-PA	-	97	1.99E-09	1	3974.881	4.63	Malpighian tubule	3R:+:51296429-51296542	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_18891	LPLYAESLAK	AGAP010229-PA	-	41	0.000610759	1	1104.629	-1.15	Pupa	3R:+:51296648-51296677	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_19972	VAAVQNTVDIPTTAPIHVQR	AGAP010229-PA	-	99	7.54E-10	1	2130.173	2.8	Ovary	3R:+:51295635-51295694	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_21645	QYNMVIISPILER	AGAP010229-PA	M4(Oxidation)	77	1.88E-07	1	1591.851	-0.19	Malpighian tubule	3R:+:51295968-51296006	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_24655	TDDNELQFSEETISLAK	AGAP010229-PA	-	50	0.000147706	2	1939.912	-0.72	Pupa	3R:+:51294857-51294864,51295517-51295559	exon=> In CDS Exon 1 and 2 of transcript AGAP010229-PA
JHU_Ag_25576	VGDFNESTYYFEGDTGHPVFDTQFGR	AGAP010229-PA	-	143	3.54E-14	1	2985.292	-1.44	Head	3R:+:51296103-51296180	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_27691	ISNILR	AGAP010229-PA	N3(Deamidated)	43	0.000898749	2	716.429	-1.09	Pupa	3R:+:51295713-51295730	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_28876	EKFPWCEFAEDVENGPTTK	AGAP010229-PA	C6(Carbamidomethyl)	71	7.09E-07	1	2284.026	1.29	Malpighian tubule	3R:+:51295890-51295946	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_35724	VGDFNESTYYFEGDTGHPVFDTQFGR	AGAP010229-PA	-	108	1.08E-10	1	2985.293	-0.94	Visceras	3R:+:51296103-51296180	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_36929	VGTEVFPNEFTSGNGLPAHK	AGAP010229-PA	N14(Deamidated)	122	1.02E-11	1	2101.041	2.83	Malpighian tubule	3R:+:51296429-51296488	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_41291	DFWGFQMTQR	AGAP010229-PA	M7(Oxidation)	73	3.21E-07	1	1331.583	-0.65	Midgut	3R:+:51296618-51296647	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_43407	DKDGLLVVEMDLNLCR	AGAP010229-PA	M10(Oxidation), C15(Carbamidomethyl)	115	5.11E-11	1	1905.939	-0.78	Malpighian tubule	3R:+:51296561-51296608	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_45749	AVKPDYKPQIIR	AGAP010229-PA	-	59	4.82E-06	1	1427.839	1.18	Head	3R:+:51296678-51296713	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_46133	VAAVQNTVDIPTTAPIHVQR	AGAP010229-PA	N6(Deamidated)	136	1.47E-13	1	2130.168	0.75	Malpighian tubule	3R:+:51295635-51295694	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_48535	LPLYAESLAK	AGAP010229-PA	-	46	0.000202876	2	1104.632	1.83	Ovary	3R:+:51296648-51296677	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_49793	VAAVQNTVDIPTTAPIHVQR	AGAP010229-PA	-	98	1.03E-09	1	2130.168	0.48	Pupa	3R:+:51295635-51295694	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_52711	NAAIANSYFTVAINR	AGAP010229-PA	-	61	8.06E-06	2	1624.845	0.18	Head	3R:+:51296384-51296428	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_52861	FPWCEFAEDVENGPTTK	AGAP010229-PA	C4(Carbamidomethyl)	99	1.06E-09	1	2026.894	4.56	Malpighian tubule	3R:+:51295896-51295946	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_53272	ISNILR	AGAP010229-PA	-	40	0.001021298	2	715.446	-0.14	Malpighian tubule	3R:+:51295713-51295730	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_54123	SLEATLNK	AGAP010229-PA	-	57	2.98E-05	1	875.485	1.41	Malpighian tubule	3R:+:51294782-51294805	exon=> In CDS Exon 1 of transcript AGAP010229-PA

JHU_Ag_57915	LPLYAESLAK	AGAP010229-PA	-	47	0.000167917	2	1104.630	-0.16	Midgut	3R:+:51296648-51296677	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_62370	DTNHHDTIWNTAVVISNNGTVIGK	AGAP010229-PA	-	77	2.69E-07	1	2606.297	0.45	Malpighian tubule	3R:+:51296007-51296078	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_64106	TDDNELQFSEETISLAK	AGAP010229-PA	-	95	5.07E-09	1	1939.917	2.17	Head	3R:+:51294857-51294864,51295517-51295559	exon=> In CDS Exon 1 and 2 of transcript AGAP010229-PA
JHU_Ag_64285	VAAVQNTVDIPTTAPIHVQR	AGAP010229-PA	-	106	1.37E-10	1	2130.172	2.63	Midgut	3R:+:51295635-51295694	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_65011	AVKPDYKPQIIRES	AGAP010229-PA	-	92	4.23E-09	1	1643.913	0.62	Malpighian tubule	3R:+:51296678-51296719	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_65744	VGDFNESTYYFEGDTGHPVFDTQFGR	AGAP010229-PA	-	153	3.60E-15	1	2985.304	2.43	Malpighian tubule	3R:+:51296103-51296180	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_66561	DFWGFQMTQR	AGAP010229-PA	-	53	3.28E-05	2	1315.593	2.81	Malpighian tubule	3R:+:51296618-51296647	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_71816	VAAVQNTVDIPTTAPIHVQR	AGAP010229-PA	-	104	2.46E-10	1	2130.166	-0.12	Visceras	3R:+:51295635-51295694	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_72528	AVKPDYKPQIIR	AGAP010229-PA	-	41	0.000350791	1	1427.840	2.08	Ovary	3R:+:51296678-51296713	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_73058	VGTEVFPNEFTSGNGLPAHK	AGAP010229-PA	N14(Deamidated)	80	1.70E-07	1	2101.035	-0.14	Midgut	3R:+:51296429-51296488	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_73442	VGDFNESTYYFEGDTGHPVFDTQFGR	AGAP010229-PA	-	133	3.26E-13	1	2985.294	-0.76	Pupa	3R:+:51296103-51296180	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_79901	TDDNELQFSEETISLAK	AGAP010229-PA	-	116	3.79E-11	1	1939.917	1.73	Malpighian tubule	3R:+:51294857-51294864,51295517-51295559	exon=> In CDS Exon 1 and 2 of transcript AGAP010229-PA
JHU_Ag_83627	VGDFNESTYYFEGDTGHPVFDTQFGR	AGAP010229-PA	-	139	8.34E-14	1	2985.294	-0.82	Ovary	3R:+:51296103-51296180	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_84001	IAINICYGR	AGAP010229-PA	C6(Carbamidomethyl)	54	5.32E-05	2	1079.569	1.95	Malpighian tubule	3R:+:51296181-51296207	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_89015	DALHEKISNILR	AGAP010229-PA	-	92	2.85E-09	1	1408.795	2.79	Malpighian tubule	3R:+:51295695-51295730	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_89060	AVKPDYKPQIIR	AGAP010229-PA	-	63	2.34E-06	1	1427.837	-0.2	Midgut	3R:+:51296678-51296713	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_90196	DFGPFYGSSYVAAPDGSR	AGAP010229-PA	-	126	2.81E-12	1	1892.850	2.76	Malpighian tubule	3R:+:51296489-51296542	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_91079	VGDFNESTYYFEGDTGHPVFDTQFGR	AGAP010229-PA	-	120	6.53E-12	1	2985.296	-0.15	Midgut	3R:+:51296103-51296180	exon=> In CDS Exon 3 of transcript AGAP010229-PA
JHU_Ag_94278	DFGPFYGSSYVAAPDGSR	AGAP010229-PA	-	135	3.08E-13	1	1892.848	1.79	Midgut	3R:+:51296489-51296542	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_94735	SESNFKSLEATLNK	AGAP010229-PA	N-Term(Acetyl)	69	2.01E-06	2	1609.814	4.37	Malpighian tubule	3R:+:51294764-51294805	exon=> In CDS Exon 1 of transcript AGAP010229-PA
JHU_Ag_99137	GYVFSAR	AGAP010229-PA	-	34	0.002781197	2	799.410	-0.03	Malpighian tubule	3R:+:51295581-51295601	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_103383	AVKPDYKPQIIR	AGAP010229-PA	-	77	9.10E-08	1	1427.837	0.22	Malpighian tubule	3R:+:51296678-51296713	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_103644	ISNILR	AGAP010229-PA	-	45	0.000469016	2	715.445	-1.5	Midgut	3R:+:51295713-51295730	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_107844	NAAIANSYFTVAINR	AGAP010229-PA	-	136	2.65E-13	1	1624.849	2.73	Malpighian tubule	3R:+:51296384-51296428	exon=> In CDS Exon 4 of transcript AGAP010229-PA
JHU_Ag_110438	DALHEK	AGAP010229-PA	-	34	0.001917599	1	712.363	0.62	Malpighian tubule	3R:+:51295695-51295712	exon=> In CDS Exon 2 of transcript AGAP010229-PA
JHU_Ag_3602	TPSDVLSILQNSEGTITFK	AGAP010230-PA	-	59	1.50E-05	2	2050.078	3.93	Malpighian tubule	3R:-:51301555-51301696,51301240-51301393	exon=> In CDS Exon 7 and 6 of transcript AGAP010230-PA

JHU_Ag_3797	AGLIPSR	AGAP010230-PA	-	43	0.000254949	2	713.432	1.51	Malpighian tubule	3R:-:51301098-51301078	exon=> In CDS Exon 8 of transcript AGAP010230-PA
JHU_Ag_32305	TPSDVLSILQNSEGTITFK	AGAP010230-PA	-	99	1.50E-09	2	2050.078	3.69	Head	3R:-:51301555-51301696,51301240-51301393	exon=> In CDS Exon 7 and 6 of transcript AGAP010230-PA
JHU_Ag_39524	EVFHLLQTPHLQSILFAHDAIAQK	AGAP010230-PA	-	136	7.91E-14	1	2756.506	6.23	Ovary	3R:-:51304661-51304721,51303729-51303825	exon=> In CDS Exon 4 and 3 of transcript AGAP010230-PA
JHU_Ag_56133	SIVNASCVCVLGPHYQALK	AGAP010230-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	77	2.56E-07	1	2116.072	1.98	Head	3R:-:51300263-51300207	exon=> In CDS Exon 10 of transcript AGAP010230-PA
JHU_Ag_63808	GHLYGTAADSVK	AGAP010230-PA	-	73	7.92E-07	1	1218.607	-3.7	Head	3R:-:51300299-51300264	exon=> In CDS Exon 10 of transcript AGAP010230-PA
JHU_Ag_68261	LYPRPGVFRPIVLIGAPGVGR	AGAP010230-PA	-	66	8.42E-08	1	2234.331	1.05	Head	3R:-:51300630-51300568	exon=> In CDS Exon 9 of transcript AGAP010230-PA
JHU_Ag_111859	DFYPHLPDIPVEVDEDEETIK	AGAP010230-PA	-	137	3.28E-13	1	2500.184	3.04	Head	3R:-:51303824-51303762	exon=> In CDS Exon 4 of transcript AGAP010230-PA
JHU_Ag_112660	EMIATYEEVAK	AGAP010230-PA	-	43	0.000713063	1	1283.620	0.84	Head	3R:-:51300663-51300631	exon=> In CDS Exon 9 of transcript AGAP010230-PA
JHU_Ag_54443	VVLWDINQEGLDDSVK	AGAP010232-PB	-	88	2.22E-08	1	1829.933	2.52	Head	3R:+:51317823-51317850,51320068-51320087	exon=> In CDS Exon 2 and 3 of transcript AGAP010232-PB
JHU_Ag_73862	LELEHLR	AGAP010232-PB	-	44	0.000273049	2	909.513	-2.25	Head	3R:+:51321418-51321438	exon=> In CDS Exon 6 of transcript AGAP010232-PB
JHU_Ag_97878	DISNSFASDNNNTTK	AGAP010232-PB	-	101	7.11E-10	1	1627.722	1.45	Head	3R:+:51322540-51322584	exon=> In CDS Exon 8 of transcript AGAP010232-PB
JHU_Ag_5517	DGEQPALCSSYEDCIR	AGAP010233-PA	C8(Carbamidomethyl), C14(Carbamidomethyl)	122	1.74E-12	1	1899.784	-0.64	Malpighian tubule	3R:+:51331961-51332008	exon=> In CDS Exon 7 of transcript AGAP010233-PA
JHU_Ag_6642	YDYPSLEQIWR	AGAP010233-PA	-	61	1.02E-05	1	1469.706	-0.09	Midgut	3R:+:51330490-51330522	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_11272	DIDSFIAQVK	AGAP010233-PA	-	65	4.83E-06	1	1135.600	0.21	Malpighian tubule	3R:+:51330226-51330255	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_13227	YTTDCAGLYR	AGAP010233-PA	C5(Carbamidomethyl)	38	0.001068683	2	1219.543	1.67	Salivary gland	3R:+:51330739-51330768	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_18189	YTTDCAGLYREPQPINR	AGAP010233-PA	C5(Carbamidomethyl)	111	1.29E-10	1	2053.987	5.16	Midgut	3R:+:51330739-51330789	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_18780	FSDEKNVCDYR	AGAP010233-PA	C8(Carbamidomethyl)	54	2.20E-05	1	1432.616	-0.3	Midgut	3R:+:51332214-51332246	exon=> In CDS Exon 8 of transcript AGAP010233-PA
JHU_Ag_22411	YTTDCAGLYREPQPINR	AGAP010233-PA	C5(Carbamidomethyl)	68	2.37E-06	1	2053.984	3.74	Malpighian tubule	3R:+:51330739-51330789	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_22855	VEFIDNSPDYMQLR	AGAP010233-PA	M11(Oxidation)	84	4.31E-08	1	1742.803	-1.27	Midgut	3R:+:51330697-51330738	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_22917	RVEFIDNSPDYMQLR	AGAP010233-PA	M12(Oxidation)	91	1.30E-08	1	1898.909	1.24	Malpighian tubule	3R:+:51330694-51330738	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_31447	LSDLMPEFTSVGR	AGAP010233-PA	M5(Oxidation)	74	6.66E-07	2	1467.714	-0.5	Midgut	3R:+:51330592-51330630	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_31545	ELFEQCVAPSVGDELR	AGAP010233-PA	C6(Carbamidomethyl)	97	3.33E-09	1	1848.880	0.37	Malpighian tubule	3R:+:51331487-51331534	exon=> In CDS Exon 6 of transcript AGAP010233-PA
JHU_Ag_32972	LQDDSSNIIQLVDEGYREFVK	AGAP010233-PA	-	113	6.76E-11	1	2468.228	-1.15	Midgut	3R:+:51330631-51330693	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_33137	FNVEIHLLEYPK	AGAP010233-PA	-	62	6.08E-06	2	1501.813	5.11	Midgut	3R:+:51330823-51330858	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_36234	LQDDSSNIIQLVDEGYR	AGAP010233-PA	-	105	5.78E-10	1	1964.960	2.08	Salivary gland	3R:+:51330631-51330681	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_41530	FSYELANNR	AGAP010233-PA	-	75	2.88E-07	2	1113.536	3.19	Malpighian tubule	3R:+:51332247-51332273	exon=> In CDS Exon 8 of transcript AGAP010233-PA

JHU_Ag_43443	APSNDAVCSGHGQCNCGR	AGAP010233-PA	C8(Carbamidomethyl), C14(Carbamidomethyl), C16(Carbamidomethyl)	86	4.74E-09	1	1946.768	1.56	Malpighian tubule	3R:+:51331862-51331915	exon=> In CDS Exon 7 of transcript AGAP010233-PA
JHU_Ag_48612	LQNPCYSENDQCEPTYGFK	AGAP010233-PA	C5(Carbamidomethyl), C12(Carbamidomethyl)	61	2.71E-06	2	2349.980	1.98	Midgut	3R:+:51330148-51330204	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_49206	DFDSQQLEAVQIMPQK	AGAP010233-PA	M13(Oxidation)	92	1.16E-08	2	1892.907	0.31	Midgut	3R:+:51329775-51329822	exon=> In CDS Exon 3 of transcript AGAP010233-PA
JHU_Ag_50205	ELFEQCVAPSVGDELR	AGAP010233-PA	C6(Carbamidomethyl)	67	3.02E-06	2	1848.881	0.63	Salivary gland	3R:+:51331487-51331534	exon=> In CDS Exon 6 of transcript AGAP010233-PA
JHU_Ag_56116	DFDSQQLEAVQIMPQK	AGAP010233-PA	M13(Oxidation)	102	1.06E-09	1	1892.905	-0.59	Malpighian tubule	3R:+:51329775-51329822	exon=> In CDS Exon 3 of transcript AGAP010233-PA
JHU_Ag_59984	HELLESK	AGAP010233-PA	-	32	0.003353644	1	855.457	0.06	Malpighian tubule	3R:+:51329682-51329702	exon=> In CDS Exon 3 of transcript AGAP010233-PA
JHU_Ag_60185	RVEFIDNSPDYMQLR	AGAP010233-PA	M12(Oxidation)	91	1.07E-08	1	1882.911	-0.34	Midgut	3R:+:51330694-51330738	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_66011	LQDDSSNIIQLVDEGYREFVK	AGAP010233-PA	-	102	9.01E-10	1	2468.238	3.08	Malpighian tubule	3R:+:51330631-51330693	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_66213	DIDSFIAQVK	AGAP010233-PA	-	74	7.33E-07	2	1135.600	0.1	Salivary gland	3R:+:51330226-51330255	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_81826	ELFEQCVAPSVGDELR	AGAP010233-PA	C6(Carbamidomethyl)	81	1.27E-07	2	1848.880	0.24	Midgut	3R:+:51331487-51331534	exon=> In CDS Exon 6 of transcript AGAP010233-PA
JHU_Ag_82490	QCHLDSDGNFVDALK	AGAP010233-PA	C2(Carbamidomethyl)	88	2.19E-08	2	1718.787	3.76	Midgut	3R:+:51330445-51330489	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_84548	DIDSFIAQVK	AGAP010233-PA	-	55	6.01E-05	1	1135.601	1.67	Midgut	3R:+:51330226-51330255	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_87586	LQDDSSNIIQLVDEGYR	AGAP010233-PA	-	119	2.13E-11	1	1964.958	1.14	Malpighian tubule	3R:+:51330631-51330681	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_88854	CSCDESFFGPFCETK	AGAP010233-PA	C1(Carbamidomethyl), C3(Carbamidomethyl), C12(Carbamidomethyl)	83	5.11E-09	1	1870.707	-0.58	Malpighian tubule	3R:+:51331916-51331960	exon=> In CDS Exon 7 of transcript AGAP010233-PA
JHU_Ag_88998	DGEQPALCSSYEDCIR	AGAP010233-PA	C8(Carbamidomethyl), C14(Carbamidomethyl)	92	1.69E-09	2	1899.784	-0.64	Midgut	3R:+:51331961-51332008	exon=> In CDS Exon 7 of transcript AGAP010233-PA
JHU_Ag_93504	YTTDCAGLYR	AGAP010233-PA	C5(Carbamidomethyl)	54	2.85E-05	2	1219.542	0.57	Midgut	3R:+:51330739-51330768	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_95901	NEPHRDFDSQQLEAVQIMPQK	AGAP010233-PA	M18(Oxidation)	66	3.57E-06	1	2526.212	3.18	Midgut	3R:+:51329760-51329822	exon=> In CDS Exon 3 of transcript AGAP010233-PA
JHU_Ag_97810	FSYELANNR	AGAP010233-PA	-	50	9.38E-05	2	1113.534	1.55	Salivary gland	3R:+:51332247-51332273	exon=> In CDS Exon 8 of transcript AGAP010233-PA
JHU_Ag_103789	QCHLDSDGNFVDALK	AGAP010233-PA	C2(Carbamidomethyl)	38	0.001965537	2	1718.783	1.48	Malpighian tubule	3R:+:51330445-51330489	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_104674	LSDLMPEFTSVGR	AGAP010233-PA	M5(Oxidation)	47	0.000277026	2	1467.716	0.59	Malpighian tubule	3R:+:51330592-51330630	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_109069	VEFIDNSPDYMQLR	AGAP010233-PA	M11(Oxidation)	43	0.000635046	1	1742.804	-0.92	Malpighian tubule	3R:+:51330697-51330738	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_113735	TAVIFAVTEAQQAYYRR	AGAP010233-PA	-	45	0.000325715	1	1987.050	5.43	Malpighian tubule	3R:+:51330541-51330591	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_114428	YTTDCAGLYR	AGAP010233-PA	C5(Carbamidomethyl)	52	3.77E-05	1	1219.541	-0.53	Malpighian tubule	3R:+:51330739-51330768	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_115674	LQDDSSNIIQLVDEGYR	AGAP010233-PA	-	108	3.06E-10	1	1964.960	1.83	Midgut	3R:+:51330631-51330681	exon=> In CDS Exon 4 of transcript AGAP010233-PA
JHU_Ag_1394	DGLLNNYNILAPK	AGAP010234-PA	-	45	0.000345401	2	1444.788	5.8	Salivary gland	3R:+:51338609-51338647	exon=> In CDS Exon 4 of transcript AGAP010234-PA
JHU_Ag_16128	STDFTVSTDGALQK	AGAP010234-PA	-	59	1.55E-05	2	1469.712	0.05	Salivary gland	3R:+:51337439-51337480	exon=> In CDS Exon 4 of transcript AGAP010234-PA

JHU_Ag_28704	AKFEDIFFQVSK	AGAP010234-PA	-	50	0.000141515	1	1458.772	6.15	Salivary gland	3R:+:51338369-51338404	exon=> In CDS Exon 4 of transcript AGAP010234-PA
JHU_Ag_40858	LSFDTSFASVDVR	AGAP010234-PA	-	106	3.50E-10	2	1443.718	4.38	Salivary gland	3R:+:51339288-51339326	exon=> In CDS Exon 5 of transcript AGAP010234-PA
JHU_Ag_75081	IQVQNPSLVSIPDGK	AGAP010234-PA	-	67	9.96E-07	1	1594.885	3.27	Salivary gland	3R:+:51336996-51337001,51337091-51337129	exon=> In CDS Exon 3 and 4 of transcript AGAP010234-PA
JHU_Ag_87506	SELLSSSDDENMFLAER	AGAP010234-PA	M12(Oxidation)	85	2.57E-08	2	1958.869	2.26	Salivary gland	3R:+:51337925-51337975	exon=> In CDS Exon 4 of transcript AGAP010234-PA
JHU_Ag_91691	SFSVYLWNDEFR	AGAP010234-PA	-	39	0.001800066	1	1562.730	1.64	Salivary gland	3R:+:51338333-51338368	exon=> In CDS Exon 4 of transcript AGAP010234-PA
JHU_Ag_109470	IQVQNPSLVSIPDGK	AGAP010234-PA	-	59	7.61E-06	2	1594.881	0.82	Pupa	3R:+:51336996-51337001,51337091-51337129	exon=> In CDS Exon 3 and 4 of transcript AGAP010234-PA
JHU_Ag_113687	DNNCDNIISVFK	AGAP010234-PA	C4(Carbamidomethyl)	50	0.00012369	1	1438.669	4.31	Salivary gland	3R:+:51337685-51337720	exon=> In CDS Exon 4 of transcript AGAP010234-PA
JHU_Ag_14796	NNLFDSVNHQIQ	AGAP010236-PA,AGAP010236-PB	-	46	0.000340646	1	1428.689	1.9	Ovary	3R:+:51362392-51362427;3R:+:51362392-51362427	exon=> In CDS Exon 3 of transcript AGAP010236-PA;exon=> In CDS Exon 3 of transcript AGAP010236-PB
JHU_Ag_56242	SDADEELLFNIPFTGNVK	AGAP010236-PA,AGAP010236-PB	-	66	4.36E-06	1	2008.990	1.73	Ovary	3R:+:51361895-51361948;3R:+:51361895-51361948	exon=> In CDS Exon 2 of transcript AGAP010236-PA;exon=> In CDS Exon 2 of transcript AGAP010236-PB
JHU_Ag_114084	GIIIIGADDETHPK	AGAP010236-PA,AGAP010236-PB	-	48	0.000193191	2	1478.785	-0.12	Male reproductive organs	3R:+:51361955-51361996;3R:+:51361955-51361996	exon=> In CDS Exon 2 of transcript AGAP010236-PA;exon=> In CDS Exon 2 of transcript AGAP010236-PB
JHU_Ag_1186	DGEVIDTIGGMPVK	AGAP010238-PA	M11(Oxidation)	55	5.21E-05	2	1446.717	1.83	Head	3R:-:51371161-51371120	exon=> In CDS Exon 5 of transcript AGAP010238-PA
JHU_Ag_59834	ILPDFASVQLGDSVPEQYR	AGAP010238-PA	-	94	6.20E-09	2	2134.083	0.45	Head	3R:-:51373688-51373632	exon=> In CDS Exon 1 of transcript AGAP010238-PA
JHU_Ag_87851	DIPFTLIVPDK	AGAP010238-PA	-	51	8.72E-05	2	1257.712	2.18	Head	3R:-:51373559-51373844,51372245-51372562	exon=> In CDS Exon 2 and 1 of transcript AGAP010238-PA
JHU_Ag_104398	IGQHLMNFLAGMK	AGAP010238-PA	M6(Oxidation), M12(Oxidation)	42	0.001097239	2	1491.752	4.61	Head	3R:-:51372102-51372064	exon=> In CDS Exon 3 of transcript AGAP010238-PA
JHU_Ag_55166	FKEVAEAYEVLSDK	AGAP010239-PB,AGAP007107-PA,AGAP010239-PC	-	83	7.64E-08	2	1627.829	4.88	Male reproductive organs	3R:+:51405500-51405541;2L:+:42820420-42820461;3R:+:51405500-51405541	exon=> In CDS Exon 1 of transcript AGAP010239-PB;exon=> In CDS Exon 1 of transcript AGAP007107-PA;exon=> In CDS Exon 1 of transcript AGAP010239-PC
JHU_Ag_11878	IQGYGLPFPK	AGAP010239-PB,AGAP010239-PC	-	56	2.94E-05	1	1119.620	-0.07	Male reproductive organs	3R:+:51406674-51406703;3R:+:51406674-51406703	exon=> In CDS Exon 4 of transcript AGAP010239-PB;exon=> In CDS Exon 4 of transcript AGAP010239-PC
JHU_Ag_32683	IPADIVFIIR	AGAP010239-PB,AGAP010239-PC	-	49	3.72E-05	2	1156.707	-1.7	Male reproductive organs	3R:+:51406242-51406271;3R:+:51406242-51406271	exon=> In CDS Exon 3 of transcript AGAP010239-PB;exon=> In CDS Exon 3 of transcript AGAP010239-PC
JHU_Ag_58767	IPADIVFIIR	AGAP010239-PB,AGAP010239-PC	-	74	1.07E-07	2	1156.711	1.57	Head	3R:+:51406242-51406271;3R:+:51406242-51406271	exon=> In CDS Exon 3 of transcript AGAP010239-PB;exon=> In CDS Exon 3 of transcript AGAP010239-PC
JHU_Ag_103406	QALCGVIFEVPTMTGEK	AGAP010239-PB,AGAP010239-PC	C4(Carbamidomethyl), M13(Oxidation)	36	0.003946277	1	1895.926	1.09	Male reproductive organs	3R:+:51406341-51406343,51406575-51406622;3R:+:51406341-51406343,51406575-51406622	exon=> In CDS Exon 3 and 4 of transcript AGAP010239-PB;exon=> In CDS Exon 3 and 4 of transcript AGAP010239-PC

JHU_Ag_32776	TSNLIIIHPNYNPSNLNNDIGLIR	AGAP010240-PA	N17(Deamidated),N15(Deamidated),N18(Deamidated)	148	7.29E-15	1	2705.451	5.1	Larva	3R:-:51410788-51410717	exon=> In CDS Exon 2 of transcript AGAP010240-PA
JHU_Ag_89310	AGSIQNNSGGTVR	AGAP010240-PA	-	53	9.24E-05	1	1260.638	6.61	Larva	3R:-:51410827-51410789	exon=> In CDS Exon 2 of transcript AGAP010240-PA
JHU_Ag_106706	LNEPMPLGGNIQVVALPEANLSETFLNR	AGAP010240-PA	M5(Oxidation)	127	1.37E-12	1	3052.593	5.06	Larva	3R:-:51410716-51410633	exon=> In CDS Exon 2 of transcript AGAP010240-PA
JHU_Ag_116561	EATVSGFGR	AGAP010240-PA	-	51	0.000117248	2	923.460	2.25	Larva	3R:-:51410632-51410606	exon=> In CDS Exon 2 of transcript AGAP010240-PA
JHU_Ag_8728	FISIDIAGPTVR	AGAP010246-PA	-	53	5.00E-05	2	1288.728	1.3	Head	3R:-:51647789-51647754	exon=> In CDS Exon 3 of transcript AGAP010246-PA
JHU_Ag_60873	TASEVAYYEIPGSHHLHLVTPDR	AGAP010246-PA	-	46	0.000352322	1	2592.321	14.25	Ovary	3R:-:51647363-51647295	exon=> In CDS Exon 3 of transcript AGAP010246-PA
JHU_Ag_74472	LCPLLPAEVPILAIDLPGHGK	AGAP010246-PA	C2(Carbamidomethyl)	52	1.29E-05	1	2223.258	0.31	Head	3R:-:51648023-51647961	exon=> In CDS Exon 3 of transcript AGAP010246-PA
JHU_Ag_90436	FISIDIAGPTVR	AGAP010246-PA	-	46	0.000238469	2	1288.725	-0.88	Ovary	3R:-:51647789-51647754	exon=> In CDS Exon 3 of transcript AGAP010246-PA
JHU_Ag_97378	TASEVAYYEIPGSHHLHLVTPDR	AGAP010246-PA	-	41	0.001331471	1	2592.288	1.46	Head	3R:-:51647363-51647295	exon=> In CDS Exon 3 of transcript AGAP010246-PA
JHU_Ag_110737	TASEVAYYEIPGSHHLHLVTPDR	AGAP010246-PA	-	65	5.01E-06	1	2592.290	2.17	Malpighian tubule	3R:-:51647363-51647295	exon=> In CDS Exon 3 of transcript AGAP010246-PA
JHU_Ag_112272	FISIDIAGPTVR	AGAP010246-PA	-	45	0.000309223	2	1288.728	1.87	Male reproductive organs	3R:-:51647789-51647754	exon=> In CDS Exon 3 of transcript AGAP010246-PA
JHU_Ag_16544	VGEFADNDSSNDPTIEEYTQWLSLVDHMK	AGAP010249-PA	M28(Oxidation)	42	0.000365059	1	3356.476	-4.11	Head	3R:-:51652910-51652824	exon=> In CDS Exon 3 of transcript AGAP010249-PA
JHU_Ag_26864	SLGVVDYVR	AGAP010249-PA	-	53	6.83E-05	2	1007.556	3.74	Malpighian tubule	3R:-:51652520-51652494	exon=> In CDS Exon 4 of transcript AGAP010249-PA
JHU_Ag_33329	GGLYVIGHVK	AGAP010249-PA	-	41	0.000780407	1	1042.604	-0.25	Salivary gland	3R:-:51652940-51652911	exon=> In CDS Exon 3 of transcript AGAP010249-PA
JHU_Ag_48527	IPEWSKDIDFAK	AGAP010249-PA	-	38	0.002946519	1	1448.744	1.03	Head	3R:-:51652017-51651982	exon=> In CDS Exon 6 of transcript AGAP010249-PA
JHU_Ag_71361	AFVELTLSR	AGAP010249-PA	-	51	5.29E-05	2	1035.584	0.4	Salivary gland	3R:-:51652817-51652791	exon=> In CDS Exon 3 of transcript AGAP010249-PA
JHU_Ag_71398	AFVELTLSR	AGAP010249-PA	-	53	3.44E-05	2	1035.586	2.52	Malpighian tubule	3R:-:51652817-51652791	exon=> In CDS Exon 3 of transcript AGAP010249-PA
JHU_Ag_77398	QFTGNSDSNQLMAEENINR	AGAP010249-PA	M12(Oxidation)	58	1.22E-05	2	2183.959	-1.72	Salivary gland	3R:-:51651963-51651907	exon=> In CDS Exon 6 of transcript AGAP010249-PA
JHU_Ag_113195	INQIIR	AGAP010249-PA	-	48	7.79E-05	2	756.474	1.08	Salivary gland	3R:-:51651809-51651792	exon=> In CDS Exon 7 of transcript AGAP010249-PA
JHU_Ag_536	TPVYSMSYNPALNAVLLCTR	AGAP010251-PA	M6(Oxidation), C18(Carbamidomethyl)	88	2.31E-08	2	2286.139	5.87	Salivary gland	3R:-:51660937-51660878	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_568	LLNDQVGVVNFAPYK	AGAP010251-PA	-	97	1.64E-09	1	1676.907	3.85	Salivary gland	3R:-:51659188-51659144	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_947	FGLALECGNIEVALEAAK	AGAP010251-PA	C7(Carbamidomethyl)	82	7.97E-08	1	1904.986	4.01	Salivary gland	3R:-:51660079-51660026	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_2278	YAIINGDHGIIR	AGAP010251-PA	-	39	0.001164148	1	1341.728	0.13	Male reproductive organs	3R:-:51660373-51660338	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_2750	LVGQSIIAYLQQK	AGAP010251-PA	-	74	9.81E-08	1	1460.848	0.35	Male reproductive organs	3R:-:51660166-51660128	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_3373	GVNWASFHPSLPLIVSGADDR	AGAP010251-PA	-	110	1.56E-10	1	2238.134	1.57	Salivary gland	3R:-:51661405-51661343	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_4483	GIAFHNQQPLFVSGGDDFK	AGAP010251-PA	-	47	0.000322884	1	2077.015	0.6	Male reproductive organs	3R:-:51661867-51661811	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_6931	IWDISGLR	AGAP010251-PA	-	38	0.002840854	2	959.532	1.52	Malpighian tubule	3R:-:51661549-51661526	exon=> In CDS Exon 2 of transcript AGAP010251-PA

JHU_Ag_7123	TSNLENSTYDLYSIPQK	AGAP010251-PA	-	88	2.52E-08	1	1972.953	1.67	Head	3R:-:51660877-51660827	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_7437	THGLEEDAAQMAEEFAAEGK	AGAP010251-PA	M11(Oxidation)	86	2.02E-08	1	2149.941	3.12	Midgut	3R:-:51659734-51659675	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_7818	ISTLIEKFDEHDGPVR	AGAP010251-PA	-	94	5.29E-09	1	1855.964	5.06	Malpighian tubule	3R:-:51661915-51661868	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_8383	NVAPGPTGLDDHLK	AGAP010251-PA	-	50	0.000192773	1	1433.742	2.77	Malpighian tubule	3R:-:51661519-51661478	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_9026	QTSLAYLTAK	AGAP010251-PA	-	37	0.001448483	2	1095.606	1.61	Malpighian tubule	3R:-:51659764-51659735	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_10041	DVSAQYQGALLLGDVAER	AGAP010251-PA	-	50	0.000136286	2	1904.984	6.69	Malpighian tubule	3R:-:51659842-51659789	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_10092	GHPPSHFWTINSQLAADHVR	AGAP010251-PA	-	99	2.35E-09	1	2270.119	-1.05	Midgut	3R:-:51659275-51659216	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_11074	YAIINGDHGIIR	AGAP010251-PA	N5(Deamidated)	62	7.63E-06	2	1342.714	1.76	Midgut	3R:-:51660373-51660338	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_12212	LVGQSIIAYLQQK	AGAP010251-PA	-	88	4.37E-09	1	1460.853	4.19	Malpighian tubule	3R:-:51660166-51660128	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_12232	LLTIDTTEYK	AGAP010251-PA	-	45	0.000261786	2	1196.647	5.09	Larva	3R:-:51660259-51660230	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_13275	ISTLIEKFDEHDGPVR	AGAP010251-PA	-	42	0.000763669	1	1855.955	-0.07	Ovary	3R:-:51661915-51661868	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_13978	SSGVTAVWVAR	AGAP010251-PA	-	79	1.78E-07	2	1132.611	0.12	Salivary gland	3R:-:51660787-51660755	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_14347	LSFLYLITGNLEK	AGAP010251-PA	-	74	2.09E-07	1	1510.854	1.86	Malpighian tubule	3R:-:51659917-51659879	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_15150	GYPEVALHFVK	AGAP010251-PA	-	47	0.0002652	1	1259.683	4.02	Head	3R:-:51660127-51660095	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_15732	LSFLYLITGNLEK	AGAP010251-PA	-	98	7.59E-10	1	1510.853	0.73	Salivary gland	3R:-:51659917-51659879	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_15883	EPEHVTLFDVQQLR	AGAP010251-PA	-	63	6.15E-06	2	1710.886	2.92	Ovary	3R:-:51660622-51660581	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_19967	SSGVTAVWVAR	AGAP010251-PA	-	72	9.51E-07	2	1132.611	0.23	Midgut	3R:-:51660787-51660755	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_20316	TSNLENSTYDLYSIPQKDSNSQNK	AGAP010251-PA	-	92	1.00E-08	1	2746.296	5.65	Malpighian tubule	3R:-:51660877-51660806	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_21973	LLNDQVGVVNFAPYK	AGAP010251-PA	-	76	2.30E-07	2	1676.905	2.83	Head	3R:-:51659188-51659144	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_22062	VAEVGKDVIGLR	AGAP010251-PA	-	76	1.08E-07	1	1255.736	-0.84	Midgut	3R:-:51658396-51658361	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_22836	ELDFNTNTDSVVMTIR	AGAP010251-PA	-	63	7.34E-06	2	1854.889	-0.85	Midgut	3R:-:51660997-51660950	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_23030	ADLIISNSEDR	AGAP010251-PA	-	46	0.000406837	1	1232.615	2.25	Malpighian tubule	3R:-:51661243-51661211	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_23146	TSYSSLPHVSSLSAHPNR	AGAP010251-PA	-	66	4.40E-06	1	1939.961	-0.46	Midgut	3R:-:51659110-51659057	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_25855	TGEGGEGAGWDVGDDDLELPEELISK	AGAP010251-PA	-	41	0.000927526	2	2688.221	1.66	Head	3R:-:51659407-51659330	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_27074	ADLIISNSEDR	AGAP010251-PA	-	49	0.000223573	2	1232.613	1.35	Salivary gland	3R:-:51661243-51661211	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_27359	NPGATDLFGQADAVVK	AGAP010251-PA	-	97	2.98E-09	2	1602.813	0.46	Malpighian tubule	3R:-:51661477-51661430	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_27383	ICELAAYFTHVNLQPVHQILTLR	AGAP010251-PA	C2(Carbamidomethyl)	69	5.88E-07	1	2736.488	8.14	Ovary	3R:-:51658762-51658694	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_27410	QEIAEAQQLLTICR	AGAP010251-PA	C13(Carbamidomethyl)	110	1.22E-10	2	1672.876	4.05	Salivary gland	3R:-:51658879-51658838	exon=> In CDS Exon 2 of transcript AGAP010251-PA

JHU_Ag_28221	YAIINGDHGIIR	AGAP010251-PA	-	58	1.50E-05	2	1341.735	5.41	Malpighian tubule	3R:-:51660373-51660338	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_29684	TTVFHHEYPWILSASDDQTIR	AGAP010251-PA	-	68	2.59E-06	2	2516.238	6.78	Ovary	3R:-:51661741-51661679	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_29857	IQTPVCDEIFYAGTGMLLLR	AGAP010251-PA	C6(Carbamidomethyl)	61	9.21E-06	1	2297.171	1.95	Salivary gland	3R:-:51660682-51660623	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_31504	DVSAQYQGALLLGDVAER	AGAP010251-PA	-	76	3.47E-07	1	1904.977	3.16	Salivary gland	3R:-:51659842-51659789	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_31739	VAEVGKDVIGLR	AGAP010251-PA	-	42	0.000258374	3	1255.738	0.49	Head	3R:-:51658396-51658361	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_32247	TALNLFFK	AGAP010251-PA	-	62	3.92E-06	2	953.547	1.73	Salivary gland	3R:-:51658693-51658670	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_32510	GIAFHNQQPLFVSGGDDFK	AGAP010251-PA	-	71	1.52E-06	1	2077.016	1.04	Salivary gland	3R:-:51661867-51661811	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_33472	LLTIDTTEYK	AGAP010251-PA	-	58	1.37E-05	2	1196.642	0.5	Salivary gland	3R:-:51660259-51660230	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_37173	TTVFHHEYPWILSASDDQTIR	AGAP010251-PA	-	51	0.000126505	1	2516.227	2.46	Salivary gland	3R:-:51661741-51661679	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_37913	FGLALECGNIEVALEAAK	AGAP010251-PA	C7(Carbamidomethyl)	54	4.91E-05	2	1904.987	4.27	Midgut	3R:-:51660079-51660026	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_37955	KYEEVLHMVR	AGAP010251-PA	M8(Oxidation)	44	0.000652342	1	1319.678	-0.12	Salivary gland	3R:-:51660205-51660176	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_38493	FKLALINR	AGAP010251-PA	-	28	0.001804649	2	974.604	-10.46	Malpighian tubule	3R:-:51660229-51660206	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_39804	GHPPSHFWTINSQLAADHVR	AGAP010251-PA	-	66	5.16E-06	1	2270.117	-1.92	Salivary gland	3R:-:51659275-51659216	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_42047	ICELAAYFTHVNLQPVHQILTLR	AGAP010251-PA	C2(Carbamidomethyl)	129	6.82E-13	1	2736.481	5.61	Salivary gland	3R:-:51658762-51658694	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_42661	LLNDQVGVVNFAPYK	AGAP010251-PA	-	43	0.000533613	2	1676.904	1.81	Malpighian tubule	3R:-:51659188-51659144	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_43055	LVGQSIIAYLQQK	AGAP010251-PA	-	60	2.79E-06	2	1460.854	4.86	Larva	3R:-:51660166-51660128	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_43225	LSFLYLITGNLEK	AGAP010251-PA	-	107	1.06E-10	2	1510.852	0.24	Midgut	3R:-:51659917-51659879	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_44496	LVGQSIIAYLQQK	AGAP010251-PA	-	98	4.41E-10	1	1460.852	3.44	Salivary gland	3R:-:51660166-51660128	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_46097	LNDLVQNLQTCYQLTTTGK	AGAP010251-PA	C11(Carbamidomethyl)	78	2.41E-07	2	2210.123	4.81	Salivary gland	3R:-:51659005-51658949	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_47304	LAQSALMQGNHQVVEMCYQR	AGAP010251-PA	M7(Oxidation), M16(Oxidation), C17(Carbamidomethyl)	53	5.70E-05	1	2395.104	3.85	Larva	3R:-:51659995-51659936	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_48406	RLLELGPRPEVAQQAR	AGAP010251-PA	-	33	0.001275983	1	1833.053	4.26	Malpighian tubule	3R:-:51658633-51658586	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_48529	LNDLVQNLQTCYQLTTTGK	AGAP010251-PA	C11(Carbamidomethyl)	60	1.55E-05	2	2210.119	3.04	Head	3R:-:51659005-51658949	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_50228	LLNDQVGVVNFAPYK	AGAP010251-PA	-	60	1.00E-05	2	1676.905	2.54	Male reproductive organs	3R:-:51659188-51659144	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_51315	TALNLFFK	AGAP010251-PA	-	38	0.000964561	1	953.546	0.01	Midgut	3R:-:51658693-51658670	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_51527	AWEVDTCR	AGAP010251-PA	C7(Carbamidomethyl)	35	0.001740826	1	1036.452	0.24	Salivary gland	3R:-:51661309-51661286	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_51761	LVGQSIIAYLQQK	AGAP010251-PA	-	92	1.59E-09	1	1460.846	-0.57	Midgut	3R:-:51660166-51660128	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_52675	GVNWASFHPSLPLIVSGADDR	AGAP010251-PA	-	57	2.84E-05	1	2238.148	8.04	Head	3R:-:51661405-51661343	exon=> In CDS Exon 2 of transcript AGAP010251-PA

JHU_Ag_52689	YVVWSTDMSHVALLAK	AGAP010251-PA	-	38	0.002085527	1	1819.941	0.04	Salivary gland	3R:-:51660547-51660500	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_52730	GVNWASFHPSLPLIVSGADDR	AGAP010251-PA	-	103	6.90E-10	1	2238.130	-0.14	Malpighian tubule	3R:-:51661405-51661343	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_53088	NVAPGPTGLDDHLKNPGATDLFGQADAVVK	AGAP010251-PA	-	67	1.68E-06	1	3017.550	5.65	Malpighian tubule	3R:-:51661519-51661430	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_54293	TALNLFFK	AGAP010251-PA	-	66	1.41E-06	2	953.547	1.66	Malpighian tubule	3R:-:51658693-51658670	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_56192	ICELAAYFTHVNLQPVHQILTLR	AGAP010251-PA	C2(Carbamidomethyl)	130	4.73E-13	1	2736.474	2.94	Malpighian tubule	3R:-:51658762-51658694	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_56716	ANQLVIK	AGAP010251-PA	-	50	0.00009	2	785.488	0.42	Salivary gland	3R:-:51660730-51660710	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_56882	FLRPPVPIQQAESNWPLLTVSK	AGAP010251-PA	-	153	9.57E-16	1	2520.417	7.95	Malpighian tubule	3R:-:51659644-51659579	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_59006	EYVVGLQMETVR	AGAP010251-PA	M8(Oxidation)	39	0.002148684	1	1439.718	-1.23	Male reproductive organs	3R:-:51658837-51658802	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_61703	LLELGPRPEVAQQAR	AGAP010251-PA	-	65	9.08E-07	1	1676.943	-0.98	Midgut	3R:-:51658630-51658586	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_62398	GHYYNVSCVLFHPR	AGAP010251-PA	C8(Carbamidomethyl)	54	6.65E-05	1	1748.830	-1.25	Ovary	3R:-:51661285-51661244	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_62465	TSNLENSTYDLYSIPQK	AGAP010251-PA	-	92	1.11E-08	2	1972.964	6.99	Malpighian tubule	3R:-:51660877-51660827	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_63633	IWDISGLR	AGAP010251-PA	-	53	8.72E-05	2	959.535	4.06	Salivary gland	3R:-:51661549-51661526	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_63991	ERPAYAVYGNCLYYVK	AGAP010251-PA	C11(Carbamidomethyl)	85	4.71E-08	1	1965.960	3.48	Salivary gland	3R:-:51661060-51661013	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_64078	GVNWASFHPSLPLIVSGADDR	AGAP010251-PA	-	39	0.001693616	1	2238.138	3.54	Pupa	3R:-:51661405-51661343	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_64415	FDEHDGPVR	AGAP010251-PA	-	33	0.00274484	1	1071.486	0.07	Salivary gland	3R:-:51661894-51661868	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_64800	YAIINGDHGIIR	AGAP010251-PA	N5(Deamidated)	46	0.000248212	1	1341.729	1.13	Salivary gland	3R:-:51660373-51660338	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_66014	EPEHVTLFDVQQLR	AGAP010251-PA	-	79	1.79E-07	1	1710.887	3.28	Salivary gland	3R:-:51660622-51660581	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_67881	TLDLPIYITR	AGAP010251-PA	-	52	3.24E-05	1	1204.696	1.93	Malpighian tubule	3R:-:51660337-51660308	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_68963	TALNLFFK	AGAP010251-PA	-	39	0.000725897	1	953.547	1.6	Head	3R:-:51658693-51658670	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_69004	NSQVFCLDR	AGAP010251-PA	C6(Carbamidomethyl)	44	0.000381892	2	1138.530	-0.5	Salivary gland	3R:-:51660301-51660275	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_69029	TSNLENSTYDLYSIPQK	AGAP010251-PA	-	70	1.66E-06	1	1972.952	1.3	Ovary	3R:-:51660877-51660827	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_69377	THGLEEDAAQMAEEFAAEGK	AGAP010251-PA	M11(Oxidation)	159	8.46E-16	1	2149.939	2.16	Head	3R:-:51659734-51659675	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_70514	TSYSSLPHVSSLSAHPNR	AGAP010251-PA	-	51	0.0001324	1	1939.962	-0.27	Salivary gland	3R:-:51659110-51659057	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_71831	EPEHVTLFDVQQLR	AGAP010251-PA	-	41	0.001175181	1	1710.886	2.81	Malpighian tubule	3R:-:51660622-51660581	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_72659	LALINR	AGAP010251-PA	-	31	0.00161876	1	699.452	0.87	Salivary gland	3R:-:51660223-51660206	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_75347	RLDLLCSIHESAR	AGAP010251-PA	C6(Carbamidomethyl)	67	2.56E-06	1	1569.825	5.35	Malpighian tubule	3R:-:51660475-51660437	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_76279	FLRPPVPIQQAESNWPLLTVSK	AGAP010251-PA	-	99	2.77E-10	1	2520.406	3.52	Head	3R:-:51659644-51659579	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_76945	LLELGPRPEVAQQAR	AGAP010251-PA	-	60	3.19E-06	1	1676.945	0.47	Salivary gland	3R:-:51658630-51658586	exon=> In CDS Exon 2 of transcript AGAP010251-PA

JHU_Ag_77293	VAEVGKDVIGLR	AGAP010251-PA	-	85	1.26E-08	1	1255.737	-0.35	Salivary gland	3R:-:51658396-51658361	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_77385	GYPEVALHFVK	AGAP010251-PA	-	42	0.000915652	2	1259.682	2.66	Salivary gland	3R:-:51660127-51660095	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_77482	GIAFHNQQPLFVSGGDDFK	AGAP010251-PA	-	120	1.73E-11	1	2077.014	0.28	Midgut	3R:-:51661867-51661811	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_77922	TLDLPIYITR	AGAP010251-PA	-	56	1.34E-05	2	1204.696	2.34	Salivary gland	3R:-:51660337-51660308	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_78225	EYVVGLQMETVR	AGAP010251-PA	M8(Oxidation)	66	3.50E-06	1	1439.723	2.08	Salivary gland	3R:-:51658837-51658802	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_78723	RLLELGPRPEVAQQAR	AGAP010251-PA	-	64	1.33E-06	1	1833.044	-0.53	Salivary gland	3R:-:51658633-51658586	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_80098	GVNWASFHPSLPLIVSGADDR	AGAP010251-PA	-	79	1.91E-07	1	2238.133	1.41	Ovary	3R:-:51661405-51661343	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_81809	TSYSSLPHVSSLSAHPNR	AGAP010251-PA	-	109	2.04E-10	1	1939.963	0.49	Malpighian tubule	3R:-:51659110-51659057	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_81910	TLDLPIYITR	AGAP010251-PA	-	64	2.18E-06	2	1204.694	0.11	Midgut	3R:-:51660337-51660308	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_82141	QEIAEAQQLLTICR	AGAP010251-PA	C13(Carbamidomethyl)	91	1.13E-08	2	1672.877	5.15	Pupa	3R:-:51658879-51658838	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_82354	LVGQSIIAYLQQK	AGAP010251-PA	-	66	5.85E-07	2	1460.855	5.2	Ovary	3R:-:51660166-51660128	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_82439	VAEVGKDVIGLR	AGAP010251-PA	-	71	3.62E-07	1	1255.738	0.72	Pupa	3R:-:51658396-51658361	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_84439	NVAPGPTGLDDHLKNPGATDLFGQADAVVK	AGAP010251-PA	-	33	0.005587137	1	3017.535	0.55	Ovary	3R:-:51661519-51661430	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_85139	VAEVGKDVIGLR	AGAP010251-PA	-	39	0.000555966	2	1255.736	-0.55	Male reproductive organs	3R:-:51658396-51658361	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_85473	GHYYNVSCVLFHPR	AGAP010251-PA	C8(Carbamidomethyl)	57	3.47E-05	1	1748.835	1.16	Malpighian tubule	3R:-:51661285-51661244	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_88084	LVGQSIIAYLQQK	AGAP010251-PA	-	101	1.97E-10	1	1460.848	0.85	Head	3R:-:51660166-51660128	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_88402	GFFEGTMMSR	AGAP010251-PA	M7(Oxidation), M8(Oxidation)	38	0.000565331	2	1194.492	0.5	Malpighian tubule	3R:-:51659578-51659549	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_89037	SSGVTAVWVAR	AGAP010251-PA	-	63	6.65E-06	2	1132.610	-0.63	Ovary	3R:-:51660787-51660755	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_90182	SGAWDESGVFIYTTSNHIK	AGAP010251-PA	-	86	3.89E-08	1	2112.010	2.95	Salivary gland	3R:-:51660430-51660374	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_90213	GHYYNVSCVLFHPR	AGAP010251-PA	C8(Carbamidomethyl)	71	1.25E-06	1	1748.836	2.1	Salivary gland	3R:-:51661285-51661244	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_91643	SSGVTAVWVAR	AGAP010251-PA	-	64	5.33E-06	1	1132.617	5.62	Malpighian tubule	3R:-:51660787-51660755	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_91780	FVEAIDKLQNIILCIPLLVVETR	AGAP010251-PA	C14(Carbamidomethyl)	47	1.66E-05	3	2696.542	0.06	Midgut	3R:-:51658948-51658880	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_93707	LSFLYLITGNLEK	AGAP010251-PA	-	32	0.002885634	2	1510.859	5.17	Ovary	3R:-:51659917-51659879	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_95271	LLNDQVGVVNFAPYK	AGAP010251-PA	-	83	5.19E-08	2	1676.902	0.64	Ovary	3R:-:51659188-51659144	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_95387	FLRPPVPIQQAESNWPLLTVSK	AGAP010251-PA	-	133	1.08E-13	1	2520.401	1.41	Salivary gland	3R:-:51659644-51659579	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_95977	FLRPPVPIQQAESNWPLLTVSK	AGAP010251-PA	-	27	0.004115501	1	2520.403	2.28	Male reproductive organs	3R:-:51659644-51659579	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_96464	LLTIDTTEYK	AGAP010251-PA	-	46	0.00022277	2	1196.641	-0.32	Ovary	3R:-:51660259-51660230	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_96608	THGLEEDAAQMAEEFAAEGKDLPEVSK	AGAP010251-PA	M11(Oxidation)	56	3.24E-05	1	2902.356	4.9	Malpighian tubule	3R:-:51659734-51659654	exon=> In CDS Exon 2 of transcript AGAP010251-PA

JHU_Ag_96981	TGEGGEGAGWDVGDDDLELPEELISK	AGAP010251-PA	-	56	3.33E-05	2	2688.231	5.65	Malpighian tubule	3R:-:51659407-51659330	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_97034	LDLLCSIHESAR	AGAP010251-PA	C5(Carbamidomethyl)	53	6.36E-05	1	1413.724	6.19	Salivary gland	3R:-:51660472-51660437	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_98381	NPGATDLFGQADAVVK	AGAP010251-PA	-	43	0.000698 02	1	1602.810	-1.29	Head	3R:-:51661477-51661430	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_98650	KYEEVLHMVR	AGAP010251-PA	M8(Oxidation)	76	4.13E-07	1	1319.675	-2.15	Head	3R:-:51660205-51660176	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_98775	LLELGPRPEVAQQAR	AGAP010251-PA	-	64	1.20E-06	1	1676.949	2.73	Malpighian tubule	3R:-:51658630-51658586	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_99833	LLTIDTTEYK	AGAP010251-PA	-	42	0.000568 665	2	1196.641	-0.32	Midgut	3R:-:51660259-51660230	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_100126	GVTCVVCK	AGAP010251-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	50	0.000122 435	1	922.448	-0.13	Salivary gland	3R:-:51658420-51658397	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_101210	SGAWDESGVFIYTTSNHIK	AGAP010251-PA	-	40	0.001397 21	1	2112.006	1.44	Male reproductive organs	3R:-:51660430-51660374	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_101956	GIAFHNQQPLFVSGGDDFK	AGAP010251-PA	-	53	7.90E-05	1	2077.018	2.19	Malpighian tubule	3R:-:51661867-51661811	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_102012	TALNLFFK	AGAP010251-PA	-	49	7.78E-05	2	953.545	-0.26	Pupa	3R:-:51658693-51658670	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_102451	TTVFHHEYPWILSASDDQTIR	AGAP010251-PA	-	72	1.02E-06	1	2516.218	-0.82	Midgut	3R:-:51661741-51661679	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_102732	VAEVGKDVIGLR	AGAP010251-PA	-	46	8.72E-05	3	1255.741	3.11	Malpighian tubule	3R:-:51658396-51658361	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_103288	FLRPPVPIQQAESNWPLLTVSK	AGAP010251-PA	-	77	4.36E-08	1	2520.414	6.5	Visceras	3R:-:51659644-51659579	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_103439	LAQSALMQGNHQVVEMCYQR	AGAP010251-PA	M7(Oxidation), M16(Oxidation), C17(Carbamidomethyl)	93	6.20E-09	1	2395.095	-0.28	Salivary gland	3R:-:51659995-51659936	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_104686	LLELGPRPEVAQQAR	AGAP010251-PA	-	62	1.66E-06	1	1676.948	2.08	Head	3R:-:51658630-51658586	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_104906	LLELGPRPEVAQQAR	AGAP010251-PA	-	37	0.000618 458	1	1676.944	-0.12	Male reproductive organs	3R:-:51658630-51658586	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_105869	TALNLFFK	AGAP010251-PA	-	60	5.13E-06	2	953.548	2.49	Ovary	3R:-:51658693-51658670	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_106067	IWNWQSR	AGAP010251-PA	-	40	0.001550 654	1	989.495	-0.11	Salivary gland	3R:-:51661678-51661658	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_106381	LLNDQVGVVNFAPYK	AGAP010251-PA	-	70	1.02E-06	2	1676.901	0.43	Pupa	3R:-:51659188-51659144	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_106666	GVNWASFHPSLPLIVSGADDR	AGAP010251-PA	-	66	3.68E-06	1	2238.139	3.7	Midgut	3R:-:51661405-51661343	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_107674	TAASFAR	AGAP010251-PA	-	45	0.000377 914	1	723.380	1.54	Salivary gland	3R:-:51658654-51658634	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_107714	LLNDQVGVVNFAPYK	AGAP010251-PA	-	98	1.74E-09	1	1676.902	0.79	Midgut	3R:-:51659188-51659144	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_108347	FGLALECGNIEVALEAAK	AGAP010251-PA	C7(Carbamidomethyl)	72	7.99E-07	2	1904.990	5.8	Malpighian tubule	3R:-:51660079-51660026	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_109114	LLNDQVGVVNFAPYKELFMESYAASK	AGAP010251-PA	M19(Oxidation)	79	1.47E-07	1	2949.482	4.03	Malpighian tubule	3R:-:51659188-51659111	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_109492	ERPAYAVYGNCLYYVK	AGAP010251-PA	C11(Carbamidomethyl)	59	2.27E-05	1	1965.952	-0.24	Male reproductive organs	3R:-:51661060-51661013	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_112127	TSYSSLPHVSSLSAHPNR	AGAP010251-PA	-	45	0.000570 841	1	1939.966	2.18	Head	3R:-:51659110-51659057	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_113299	FAVLDR	AGAP010251-PA	-	36	0.001999 899	2	720.404	0.05	Ovary	3R:-:51660748-51660731	exon=> In CDS Exon 2 of transcript AGAP010251-PA

JHU_Ag_113392	LLTIDTTEYK	AGAP010251-PA	-	45	0.000239159	2	1196.641	0.4	Malpighian tubule	3R:-:51660259-51660230	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_114243	VAEVGKDVIGLR	AGAP010251-PA	-	50	4.35E-05	1	1255.737	0.13	Ovary	3R:-:51658396-51658361	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_114365	TSNLENSTYDLYSIPQK	AGAP010251-PA	-	110	1.50E-10	2	1972.948	-0.8	Midgut	3R:-:51660877-51660827	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_115303	YAIINGDHGIIR	AGAP010251-PA	-	35	0.00284732	2	1341.731	2.41	Ovary	3R:-:51660373-51660338	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_116038	TGEGGEGAGWDVGDDDLELPEELISK	AGAP010251-PA	-	47	0.000217499	2	2688.219	1.02	Salivary gland	3R:-:51659407-51659330	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_116615	TPVYSMSYNPALNAVLLCTR	AGAP010251-PA	M6(Oxidation), C18(Carbamidomethyl),C18(Carbamidomethyl)	93	8.37E-09	2	2270.148	7.33	Malpighian tubule	3R:-:51660937-51660878	exon=> In CDS Exon 2 of transcript AGAP010251-PA
JHU_Ag_466	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	170	8.31E-17	1	1970.043	2.85	Malpighian tubule	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_4317	LNRLPAAGVGDMFVATVK	AGAP010252-PA	M12(Oxidation)	44	0.000396117	2	1875.016	0.06	Male reproductive organs	3R:+:51663066-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_8147	LPAAGVGDMFVATVK	AGAP010252-PA	M9(Oxidation)	73	5.39E-07	1	1475.800	5.05	Visceras	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_9803	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	81	7.14E-08	1	1970.042	2.23	Visceras	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_14689	NLYVIAVHGIR	AGAP010252-PA	-	96	9.44E-10	1	1254.737	3.97	Malpighian tubule	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_14706	NLYVIAVHGIR	AGAP010252-PA	-	86	8.09E-09	1	1254.736	3.39	Ovary	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_16202	LPAAGVGDMFVATVK	AGAP010252-PA	M9(Oxidation)	97	3.09E-09	1	1491.787	-0.76	Salivary gland	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_17092	KGKPELR	AGAP010252-PA	-	43	0.000228798	2	827.510	0.67	Ovary	3R:+:51663120-51663140	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_18540	LPAAGVGDMFVATVK	AGAP010252-PA	M9(Oxidation)	97	2.55E-09	1	1491.788	0.14	Male reproductive organs	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_21877	GSAITGPVAK	AGAP010252-PA	-	40	0.001345672	1	900.517	2.69	Visceras	3R:+:51663367-51663396	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_22399	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	175	2.78E-17	1	1970.038	0.06	Ovary	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_22681	GSAITGPVAK	AGAP010252-PA	-	53	8.00E-05	1	900.514	-1.18	Male reproductive organs	3R:+:51663367-51663396	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_24780	NLYVIAVHGIR	AGAP010252-PA	-	90	3.18E-09	1	1254.732	0.37	Male reproductive organs	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_25184	LNRLPAAGVGDMFVATVK	AGAP010252-PA	-	33	0.003000207	1	1859.029	4.45	Malpighian tubule	3R:+:51663066-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_29649	VMPAVVIR	AGAP010252-PA	M2(Oxidation)	44	0.000456917	1	900.535	2.06	Malpighian tubule	3R:+:51663253-51663276	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_30225	ECADLWPR	AGAP010252-PA	C2(Carbamidomethyl)	43	0.000266949	2	1046.472	-0.22	Male reproductive organs	3R:+:51663397-51663420	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_33610	KVMPAVVIR	AGAP010252-PA	M3(Oxidation)	53	1.85E-05	1	1028.628	-0.81	Ovary	3R:+:51663144-51663146,51663253-51663276	exon=> In CDS Exon 2 and 3 of transcript AGAP010252-PA
JHU_Ag_36873	GSAITGPVAK	AGAP010252-PA	-	63	7.57E-06	1	900.516	0.79	Ovary	3R:+:51663367-51663396	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_37515	LPAAGVGDMFVATVK	AGAP010252-PA	M9(Oxidation)	97	2.19E-09	1	1491.795	4.73	Larva	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_37606	ECADLWPR	AGAP010252-PA	C2(Carbamidomethyl)	37	0.001186844	1	1046.474	1.02	Midgut	3R:+:51663397-51663420	exon=> In CDS Exon 3 of transcript AGAP010252-PA

JHU_Ag_38833	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	102	5.53E-10	1	1970.040	1.05	Pupa	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_41003	KGKPELR	AGAP010252-PA	-	33	0.002169966	1	827.510	-0.37	Male reproductive organs	3R:+:51663120-51663140	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_41899	GSAITGPVAKECADLWPR	AGAP010252-PA	C12(Carbamidomethyl)	101	1.24E-09	1	1927.974	2.13	Malpighian tubule	3R:+:51663367-51663420	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_42179	LPAAGVGDMFVATVK	AGAP010252-PA	-	93	6.60E-09	1	1475.792	-0.49	Midgut	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_47889	VMPAVVIR	AGAP010252-PA	-	29	0.003426273	1	884.539	-0.12	Midgut	3R:+:51663253-51663276	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_50231	LPAAGVGDMFVATVKK	AGAP010252-PA	M9(Oxidation)	52	5.10E-05	1	1619.882	-0.14	Male reproductive organs	3R:+:51663075-51663122	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_53379	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	118	1.54E-11	1	1970.038	0	Midgut	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_53539	ECADLWPR	AGAP010252-PA	C2(Carbamidomethyl)	53	3.33E-05	1	1046.476	3.12	Malpighian tubule	3R:+:51663397-51663420	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_54277	LPAAGVGDMFVATVK	AGAP010252-PA	-	95	3.42E-09	1	1475.798	3.48	Malpighian tubule	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_54909	FRISLGLPVGAVINCADNTGAK	AGAP010252-PA	C15(Carbamidomethyl)	113	4.25E-11	1	2273.218	4.81	Malpighian tubule	3R:+:51662961-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_57810	LNRLPAAGVGDMFVATVK	AGAP010252-PA	M12(Oxidation)	93	4.97E-09	1	1875.017	0.45	Midgut	3R:+:51663066-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_60109	LNRLPAAGVGDMFVATVK	AGAP010252-PA	M12(Oxidation)	47	0.000162736	1	1875.023	4.06	Larva	3R:+:51663066-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_61195	NLYVIAVHGIR	AGAP010252-PA	-	68	5.85E-07	1	1254.737	3.97	Larva	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_72064	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	174	3.44E-17	1	1970.037	-0.43	Salivary gland	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_74805	ISLGLPVGAVINCADNTGAKNLYVIAVHGIR	AGAP010252-PA	C13(Carbamidomethyl)	64	6.66E-07	1	3205.765	4.2	Malpighian tubule	3R:+:51662967-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_75648	NLYVIAVHGIR	AGAP010252-PA	-	71	3.20E-07	1	1254.735	2.22	Visceras	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_76592	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	105	2.84E-10	1	1970.038	0.19	Male reproductive organs	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_79726	GSAITGPVAK	AGAP010252-PA	-	67	2.78E-06	1	900.515	0.25	Malpighian tubule	3R:+:51663367-51663396	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_86808	IASNAGSIA	AGAP010252-PA	-	39	0.003427204	1	803.429	3.55	Visceras	3R:+:51663421-51663447	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_89926	GGSAGGKFR	AGAP010252-PA	-	69	1.54E-06	1	836.440	3.34	Malpighian tubule	3R:+:51662940-51662966	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_95817	KVMPAVVIR	AGAP010252-PA	-	29	0.001832821	1	1012.636	2.35	Malpighian tubule	3R:+:51663144-51663146,51663253-51663276	exon=> In CDS Exon 2 and 3 of transcript AGAP010252-PA
JHU_Ag_96919	LPAAGVGDMFVATVK	AGAP010252-PA	M9(Oxidation)	117	3.08E-11	1	1491.788	0.06	Ovary	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_100643	LNRLPAAGVGDMFVATVK	AGAP010252-PA	M12(Oxidation)	60	6.98E-06	3	1859.024	1.79	Pupa	3R:+:51663066-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_101714	LPAAGVGDMFVATVK	AGAP010252-PA	M9(Oxidation)	101	1.16E-09	1	1491.788	0.22	Head	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_102635	NLYVIAVHGIR	AGAP010252-PA	-	76	8.71E-08	1	1254.737	4.55	Midgut	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_103667	LPAAGVGDMFVATVK	AGAP010252-PA	-	91	9.45E-09	1	1475.799	4.47	Pupa	3R:+:51663075-51663119	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_107074	NLYVIAVHGIR	AGAP010252-PA	-	69	4.94E-07	1	1254.734	1.54	Pupa	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA

JHU_Ag_107450	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	153	4.93E-15	1	1970.037	-0.5	Head	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_111325	NLYVIAVHGIR	AGAP010252-PA	-	86	8.15E-09	1	1254.732	-0.02	Head	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_113066	ISLGLPVGAVINCADNTGAK	AGAP010252-PA	C13(Carbamidomethyl)	138	1.32E-13	1	1970.046	4.34	Larva	3R:+:51662967-51663026	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_113411	NLYVIAVHGIR	AGAP010252-PA	-	62	2.09E-06	1	1254.732	-0.02	Salivary gland	3R:+:51663027-51663059	exon=> In CDS Exon 2 of transcript AGAP010252-PA
JHU_Ag_115387	VMPAVVIR	AGAP010252-PA	M2(Oxidation)	43	0.000486225	1	900.534	0.9	Ovary	3R:+:51663253-51663276	exon=> In CDS Exon 3 of transcript AGAP010252-PA
JHU_Ag_3451	KIISIDDHLGLSFAGITADAR	AGAP010253-PA	-	35	0.001801639	1	2213.210	7.73	Pupa	3R:-:51665382-51665320	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_7420	NISIAIVGK	AGAP010253-PA	-	33	0.003085764	2	914.567	0.48	Pupa	3R:-:51664941-51664915	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_10148	GENFHVLEEQENDKYLSNIVR	AGAP010253-PA	-	156	4.35E-15	1	2533.236	1.54	Ovary	3R:-:51664914-51664852	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_11445	LHQVEYAMEAVK	AGAP010253-PA	M8(Oxidation)	72	1.34E-06	1	1433.703	-4.33	Head	3R:-:51665511-51665476	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_11770	NQYDSDVTVWSPQGR	AGAP010253-PA	-	93	7.30E-09	2	1751.797	-0.85	Midgut	3R:-:51665556-51665512	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_15719	NQYDSDVTVWSPQGR	AGAP010253-PA	-	84	5.33E-08	2	1751.801	1.31	Malpighian tubule	3R:-:51665556-51665512	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_15965	NKDFAVLIALK	AGAP010253-PA	-	63	1.02E-06	1	1231.742	0.45	Male reproductive organs	3R:-:51665448-51665416	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_17273	NQYDSDVTVWSPQGR	AGAP010253-PA	-	100	1.24E-09	1	1751.796	-1.13	Male reproductive organs	3R:-:51665556-51665512	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_17304	GENFHVLEEQENDK	AGAP010253-PA	-	94	3.82E-09	1	1687.760	2.54	Malpighian tubule	3R:-:51664914-51664873	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_19314	RPYGVGLLVIGYDDQGPHIYQTCPSANFFDCK	AGAP010253-PA	C23(Carbamidomethyl), C31(Carbamidomethyl)	91	9.28E-09	1	3687.763	7.34	Malpighian tubule	3R:-:51665190-51665095	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_20108	YAYDAFYPVGR	AGAP010253-PA	-	51	0.000116567	1	1321.622	0.24	Salivary gland	3R:-:51665277-51665245	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_22945	YLRQECLNYK	AGAP010253-PA	C6(Carbamidomethyl)	51	0.000137033	1	1386.685	1.09	Male reproductive organs	3R:-:51665307-51665278	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_23149	YAYDAFYPVGR	AGAP010253-PA	-	64	5.64E-06	1	1321.622	0.33	Male reproductive organs	3R:-:51665277-51665245	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_25938	NISIAIVGK	AGAP010253-PA	-	37	0.001217202	1	914.567	-0.19	Male reproductive organs	3R:-:51664941-51664915	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_26794	ASSELSSYQK	AGAP010253-PA	-	77	1.91E-07	1	1099.527	0.37	Male reproductive organs	3R:-:51665412-51665383	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_36573	HGVQALQDTLPNEVELNNK	AGAP010253-PA	-	101	1.23E-09	1	2119.075	-1.6	Head	3R:-:51664998-51664942	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_38166	GENFHVLEEQENDKYLSNIVR	AGAP010253-PA	-	133	7.88E-13	1	2533.235	1.11	Head	3R:-:51664914-51664852	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_39035	LHQVEYAMEAVK	AGAP010253-PA	-	52	0.000117474	2	1417.715	0.12	Pupa	3R:-:51665511-51665476	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_39712	HGVQALQDTLPNEVELNNK	AGAP010253-PA	-	100	1.31E-09	1	2119.083	2.43	Malpighian tubule	3R:-:51664998-51664942	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_41489	LHQVEYAMEAVK	AGAP010253-PA	M8(Oxidation)	85	6.22E-08	1	1433.708	-0.84	Ovary	3R:-:51665511-51665476	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_42807	GENFHVLEEQENDK	AGAP010253-PA	Q10(Deamidated)	111	7.74E-11	1	1687.757	0.59	Head	3R:-:51664914-51664873	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_43661	HGVQALQDTLPNEVELNNK	AGAP010253-PA	-	111	1.05E-10	1	2119.074	-1.95	Male reproductive organs	3R:-:51664998-51664942	exon=> In CDS Exon 2 of transcript AGAP010253-PA

JHU_Ag_46130	YDRRPYGVGLLVIGYDDQGPHIYQTCP SANFFDCK	AGAP010253-PA	C26(Carbamidomethyl), C34(Carbamidomethyl)	78	1.40E-07	1	4121.920	-1.78	Ovary	3R:-:51665199-51665095	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_47120	GENFHVLEEQENDKYLSNIVR	AGAP010253-PA	-	97	2.86E-09	1	2533.233	0.53	Midgut	3R:-:51664914-51664852	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_47757	YAYDAFYPVGR	AGAP010253-PA	-	63	8.21E-06	1	1321.622	0.52	Midgut	3R:-:51665277-51665245	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_50499	ASSELSSYQK	AGAP010253-PA	-	71	7.39E-07	1	1099.528	1.03	Ovary	3R:-:51665412-51665383	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_51311	NISIAIVGK	AGAP010253-PA	-	41	0.000505057	1	914.566	-0.91	Midgut	3R:-:51664941-51664915	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_52873	HLATFPDCTKDELIR	AGAP010253-PA	C8(Carbamidomethyl)	137	3.04E-13	1	1815.907	0.56	Ovary	3R:-:51665043-51664999	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_53009	YAYDAFYPVGR	AGAP010253-PA	-	45	0.00049628	2	1321.624	2.18	Malpighian tubule	3R:-:51665277-51665245	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_55005	YAYDAFYPVGR	AGAP010253-PA	-	71	9.96E-07	1	1321.621	-0.31	Ovary	3R:-:51665277-51665245	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_55460	LHQVEYAMEAVK	AGAP010253-PA	M8(Oxidation)	80	2.08E-07	1	1433.710	0.26	Male reproductive organs	3R:-:51665511-51665476	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_59771	LGSATVGLK	AGAP010253-PA	-	31	0.006718955	1	845.508	-1.79	Head	3R:-:51665475-51665449	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_60245	NQYDSDVTVWSPQGR	AGAP010253-PA	-	106	3.18E-10	1	1751.799	0.61	Pupa	3R:-:51665556-51665512	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_60617	NQYDSDVTVWSPQGR	AGAP010253-PA	-	67	2.95E-06	2	1751.801	1.24	Salivary gland	3R:-:51665556-51665512	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_65156	HLATFPDCTKDELIR	AGAP010253-PA	C8(Carbamidomethyl)	65	4.80E-06	1	1815.920	7.76	Midgut	3R:-:51665043-51664999	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_69087	GENFHVLEEQENDK	AGAP010253-PA	-	94	3.93E-09	1	1687.758	1.24	Ovary	3R:-:51664914-51664873	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_69694	NQYDSDVTVWSPQGR	AGAP010253-PA	-	100	1.47E-09	1	1751.799	0.33	Ovary	3R:-:51665556-51665512	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_71473	GENFHVLEEQENDKYLSNIVR	AGAP010253-PA	-	119	1.96E-11	1	2533.239	2.91	Pupa	3R:-:51664914-51664852	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_72558	HLATFPDCTK	AGAP010253-PA	C8(Carbamidomethyl)	40	0.001195668	1	1189.565	-1.75	Ovary	3R:-:51665043-51665014	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_73203	YAYDAFYPVGR	AGAP010253-PA	-	46	0.000384757	1	1321.623	1.53	Pupa	3R:-:51665277-51665245	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_74215	NISIAIVGK	AGAP010253-PA	-	47	0.000112037	1	914.567	0.08	Ovary	3R:-:51664941-51664915	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_74645	HGVQALQDTLPNEVELNNK	AGAP010253-PA	-	96	3.72E-09	1	2119.079	0.69	Midgut	3R:-:51664998-51664942	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_80238	HLATFPDCTKDELIR	AGAP010253-PA	C8(Carbamidomethyl)	85	5.02E-08	1	1815.911	2.78	Malpighian tubule	3R:-:51665043-51664999	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_84273	NKDFAVLIALK	AGAP010253-PA	-	85	7.09E-09	1	1231.742	1.24	Ovary	3R:-:51665448-51665416	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_87620	DFAVLIALK	AGAP010253-PA	-	69	3.91E-07	1	989.603	0.02	Ovary	3R:-:51665442-51665416	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_90662	YAYDAFYPVGR	AGAP010253-PA	-	57	2.81E-05	1	1321.624	2.18	Head	3R:-:51665277-51665245	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_91542	HLATFPDCTK	AGAP010253-PA	C8(Carbamidomethyl)	64	4.96E-06	1	1189.564	-2.57	Head	3R:-:51665043-51665014	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_93900	GENFHVLEEQENDKYLSNIVR	AGAP010253-PA	-	141	1.18E-13	1	2533.239	2.91	Male reproductive organs	3R:-:51664914-51664852	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_96165	MQVCTQR	AGAP010253-PA	M1(Oxidation), C4(Carbamidomethyl)	38	0.001859553	1	938.419	0.29	Male reproductive organs	3R:-:51665220-51665200	exon=> In CDS Exon 2 of transcript AGAP010253-PA

JHU_Ag_96907	HLATFPDCTKDELIR	AGAP010253-PA	C8(Carbamidomethyl)	53	8.31E-05	1	1815.921	8.3	Male reproductive organs	3R:-:51665043-51664999	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_97158	DFAVLIALK	AGAP010253-PA	-	70	3.22E-07	2	989.600	-2.94	Head	3R:-:51665442-51665416	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_97416	LGSATVGLK	AGAP010253-PA	-	54	3.65E-05	2	845.508	-1.59	Ovary	3R:-:51665475-51665449	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_98971	LGSATVGLK	AGAP010253-PA	-	51	5.54E-05	2	845.511	2.24	Male reproductive organs	3R:-:51665475-51665449	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_100212	HGVQALQDTLPNEVELNNK	AGAP010253-PA	-	50	0.000155961	3	2119.080	0.87	Pupa	3R:-:51664998-51664942	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_105863	NQYDSDVTVWSPQGR	AGAP010253-PA	-	100	1.22E-09	1	1751.800	0.68	Head	3R:-:51665556-51665512	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_110809	HGVQALQDTLPNEVELNNK	AGAP010253-PA	-	144	5.07E-14	1	2119.079	0.35	Ovary	3R:-:51664998-51664942	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_114134	LHQVEYAMEAVK	AGAP010253-PA	-	59	2.40E-05	2	1417.714	-0.22	Midgut	3R:-:51665511-51665476	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_115080	RPYGVGLLVIGYDDQGPHIYQTCPSANFFDCK	AGAP010253-PA	C23(Carbamidomethyl), C31(Carbamidomethyl)	177	2.30E-17	1	3687.740	1.05	Ovary	3R:-:51665190-51665095	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_115313	IISIDDHLGLSFAGITADAR	AGAP010253-PA	-	92	7.09E-09	1	2085.098	0.16	Ovary	3R:-:51665379-51665320	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_116805	LISNLGNK	AGAP010253-PA	-	52	0.000108969	1	858.505	0.87	Male reproductive organs	3R:-:51665244-51665221	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_117126	RPYGVGLLVIGYDDQGPHIYQTCPSANFFDCK	AGAP010253-PA	C23(Carbamidomethyl), C31(Carbamidomethyl)	74	4.27E-07	1	3687.729	-1.93	Midgut	3R:-:51665190-51665095	exon=> In CDS Exon 2 of transcript AGAP010253-PA
JHU_Ag_38799	VVEVPIWR	AGAP010254-PA	-	35	0.001196906	2	997.583	0.5	Malpighian tubule	3R:+:51686368-51686391	exon=> In CDS Exon 2 of transcript AGAP010254-PA
JHU_Ag_92267	VVEVPIWR	AGAP010254-PA	-	42	0.000241026	1	997.584	1.05	Pupa	3R:+:51686368-51686391	exon=> In CDS Exon 2 of transcript AGAP010254-PA
JHU_Ag_2780	DVVNNLEAK	AGAP010257-PA	-	39	0.002153399	2	1001.530	3.52	Head	3R:-:51714790-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_4688	DVVNNLEAK	AGAP010257-PA	-	47	0.000329056	1	1001.532	5.6	Larva	3R:-:51714790-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_4746	KPILIDGR	AGAP010257-PA	-	35	0.000716444	2	911.567	-0.43	Salivary gland	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_6345	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	51	3.32E-05	2	927.544	-0.33	Midgut	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_8924	IESQNAVLK	AGAP010257-PA	-	47	0.000334082	1	1001.562	-0.75	Ovary	3R:-:51714593-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_9064	RIESQNAVLK	AGAP010257-PA	-	58	1.60E-05	1	1157.662	-1.59	Male reproductive organs	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_9369	KPILIDGR	AGAP010257-PA	-	35	0.000667087	2	911.566	-0.96	Male reproductive organs	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_10135	YSKPVVNAVPPK	AGAP010257-PA	-	57	1.27E-05	1	1298.746	-0.29	Ovary	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_10495	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	30	0.004378849	2	927.546	1.77	Head	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_10562	FLAYLR	AGAP010257-PA	-	31	0.002760863	1	782.458	3.07	Larva	3R:-:51715366-51715349	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_10799	YRDVVNNLEAK	AGAP010257-PA	-	71	1.39E-06	2	1320.690	-0.9	Visceras	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA

JHU_Ag_12353	KPILIDGRGHLLGR	AGAP010257-PA	-	21	0.004821157	1	1544.940	1.08	Malpighian tubule	3R:-:51715701-51715716,51715270-51715472	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_13804	LKVYEGIPPPYDK	AGAP010257-PA	-	64	4.80E-06	1	1518.821	0.59	Visceras	3R:-:51715138-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_15981	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	67	9.51E-07	2	927.548	3.35	Male reproductive organs	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_17724	FLAYLR	AGAP010257-PA	-	35	0.001035249	2	782.459	3.3	Head	3R:-:51715366-51715349	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_17982	GPFHFR	AGAP010257-PA	-	39	0.002795498	1	760.389	-0.3	Ovary	3R:-:51715321-51715304	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_20270	YRDVVNNLEAK	AGAP010257-PA	-	81	1.41E-07	1	1320.695	3.17	Ovary	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_22061	ELYVAAK	AGAP010257-PA	-	37	0.002324675	1	793.450	5.74	Head	3R:-:51714473-51714453	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_22272	KYSKPVVNAVPPK	AGAP010257-PA	-	55	1.05E-05	1	1426.847	3.48	Larva	3R:-:51714533-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_22912	VYEGIPPPYDK	AGAP010257-PA	-	58	2.94E-05	1	1277.643	1.44	Visceras	3R:-:51715132-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_23230	QILSGNSVVVVR	AGAP010257-PA	-	76	1.07E-07	2	1270.749	0.7	Pupa	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_24408	YRDVVNNLEAK	AGAP010257-PA	-	81	1.45E-07	1	1320.686	-3.49	Head	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_24816	RIESQNAVLK	AGAP010257-PA	-	47	0.000183367	1	1157.668	4	Larva	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_25393	YRDVVNNLEAK	AGAP010257-PA	-	41	0.001533973	1	1320.682	-6.26	Male reproductive organs	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_25952	YSKPVVNAVPPK	AGAP010257-PA	-	54	2.57E-05	1	1298.748	0.62	Male reproductive organs	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_26605	YRDVVNNLEAK	AGAP010257-PA	-	76	4.28E-07	1	1320.690	-0.16	Midgut	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_28861	VAHEVGWK	AGAP010257-PA	-	46	0.000190648	1	925.490	0.65	Malpighian tubule	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_29860	QILSGNSVVVVR	AGAP010257-PA	-	85	1.29E-08	1	1270.750	1.85	Malpighian tubule	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_30031	VYEGIPPPYDK	AGAP010257-PA	-	58	3.14E-05	1	1277.645	2.97	Head	3R:-:51715132-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_31389	CEGLQLSGHFFR	AGAP010257-PA	C1(Carbamidomethyl)	69	1.90E-06	1	1450.686	-2.77	Salivary gland	3R:-:51715414-51715379	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_33307	RIESQNAVLK	AGAP010257-PA	-	36	0.002918699	1	1157.663	-0.85	Midgut	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_33461	QYGYLTSEFEK	AGAP010257-PA	-	44	0.00049269	1	1364.639	1.39	Midgut	3R:-:51714566-51714534	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_35673	KPILIDGR	AGAP010257-PA	-	30	0.001978211	2	911.570	3.39	Malpighian tubule	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_36078	TKKPILIDGR	AGAP010257-PA	-	45	6.74E-05	1	1140.714	3.2	Larva	3R:-:51715707-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_38567	TKKPILIDGR	AGAP010257-PA	-	43	0.000125367	1	1140.710	0.13	Pupa	3R:-:51715707-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_40454	LKVYEGIPPPYDK	AGAP010257-PA	-	83	5.51E-08	1	1518.820	-0.53	Midgut	3R:-:51715138-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_40709	GPFHFR	AGAP010257-PA	-	39	0.002887003	1	760.390	1.46	Male reproductive organs	3R:-:51715321-51715304	exon=> In CDS Exon 2 of transcript AGAP010257-PA

JHU_Ag_41948	QYGYLTSEFEK	AGAP010257-PA	-	67	2.95E-06	2	1364.642	3.39	Head	3R:-:51714566-51714534	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_42318	KYSKPVVNAVPPK	AGAP010257-PA	-	33	0.001804274	1	1426.843	1.1	Salivary gland	3R:-:51714533-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_42611	KPILIDGR	AGAP010257-PA	-	45	6.64E-05	2	911.564	-4.11	Head	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_42803	DVVNNLEAK	AGAP010257-PA	-	38	0.002509079	1	1001.526	-0.57	Male reproductive organs	3R:-:51714790-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_44224	KPILIDGR	AGAP010257-PA	-	35	0.000670537	2	911.568	0.71	Larva	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_45962	RVCVPIALR	AGAP010257-PA	C3(Carbamidomethyl)	44	0.00012584	1	1083.646	0.29	Ovary	3R:-:51715093-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_46090	FLAYLR	AGAP010257-PA	-	34	0.001445655	2	782.455	-0.83	Visceras	3R:-:51715366-51715349	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_46820	QILSGNSVVVVR	AGAP010257-PA	N6(Deamidated)	85	1.31E-08	1	1270.754	4.54	Larva	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_48257	KPILIDGR	AGAP010257-PA	-	41	0.000185961	2	911.567	-0.36	Pupa	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_48990	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	48	6.64E-05	2	927.544	-0.47	Salivary gland	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_48995	RIESQNAVLK	AGAP010257-PA	-	61	7.62E-06	1	1157.666	1.68	Ovary	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_49553	QYGYLTSEFEK	AGAP010257-PA	-	65	3.90E-06	1	1364.636	-0.55	Ovary	3R:-:51714566-51714534	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_50053	QILSGNSVVVVR	AGAP010257-PA	-	65	1.39E-06	1	1270.748	0.31	Salivary gland	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_50056	QILSGNSVVVVR	AGAP010257-PA	-	73	2.23E-07	2	1270.750	1.85	Male reproductive organs	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_50141	KPILIDGR	AGAP010257-PA	-	39	0.000297292	2	911.566	-1.1	Visceras	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_51333	YSKPVVNAVPPK	AGAP010257-PA	-	50	6.45E-05	1	1298.747	-0.08	Malpighian tubule	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_52767	RVCVPIALR	AGAP010257-PA	C3(Carbamidomethyl)	45	0.000134519	1	1083.648	2.09	Malpighian tubule	3R:-:51715093-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_52846	QYGYLTSEFEK	AGAP010257-PA	-	49	0.000163608	2	1364.636	-0.37	Visceras	3R:-:51714566-51714534	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_53988	QYGYLTSEFEKK	AGAP010257-PA	-	48	0.000244188	1	1492.733	0.65	Midgut	3R:-:51714566-51714531	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_54554	VAHEVGWK	AGAP010257-PA	-	44	0.000319199	1	925.489	-0.14	Male reproductive organs	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_54624	LKVYEGIPPPYDK	AGAP010257-PA	-	39	0.001254337	2	1518.825	3.09	Larva	3R:-:51715138-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_55637	YSKPVVNAVPPK	AGAP010257-PA	-	53	3.81E-05	1	1298.750	2.39	Larva	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_56483	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	55	1.42E-05	1	927.548	3.61	Larva	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_56612	KPILIDGR	AGAP010257-PA	-	34	0.000940118	2	911.566	-1.57	Midgut	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_57125	TKKPILIDGR	AGAP010257-PA	-	46	5.33E-05	3	1140.711	1.27	Malpighian tubule	3R:-:51715707-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA

JHU_Ag_59756	FLAYLR	AGAP010257-PA	-	38	0.000656243	1	782.456	0.34	Ovary	3R:-:51715366-51715349	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_59932	YSKPVVNAVPPK	AGAP010257-PA	-	50	5.98E-05	1	1298.751	3.37	Head	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_61273	TKKPILIDGR	AGAP010257-PA	-	42	0.000155662	1	1140.710	0.31	Ovary	3R:-:51715707-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_61940	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	67	9.00E-07	2	927.543	-1.85	Visceras	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_62107	YSKPVVNAVPPK	AGAP010257-PA	-	59	1.05E-05	2	1298.748	1.32	Visceras	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_62786	TKKPILIDGR	AGAP010257-PA	-	46	5.89E-05	1	1140.709	-0.9	Midgut	3R:-:51715707-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_62876	DVVNNLEAK	AGAP010257-PA	-	53	8.12E-05	1	1001.526	0.16	Ovary	3R:-:51714790-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_65732	DVVNNLEAK	AGAP010257-PA	-	58	2.67E-05	1	1001.528	2.13	Pupa	3R:-:51714790-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_66295	CEGLQLSGHFFR	AGAP010257-PA	C1(Carbamidomethyl)	95	5.23E-09	1	1450.689	-0.61	Midgut	3R:-:51715414-51715379	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_68336	VYEGIPPPYDK	AGAP010257-PA	-	52	0.000102218	1	1277.640	-0.98	Midgut	3R:-:51715132-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_68858	LKVYEGIPPPYDK	AGAP010257-PA	-	79	1.39E-07	1	1518.823	1.56	Malpighian tubule	3R:-:51715138-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_68892	FLAYLR	AGAP010257-PA	-	33	0.001694513	1	782.458	3.22	Malpighian tubule	3R:-:51715366-51715349	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_68894	TKKPILIDGR	AGAP010257-PA	-	41	0.000175866	1	1140.710	0.23	Visceras	3R:-:51715707-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_69877	YRDVVNNLEAK	AGAP010257-PA	-	76	4.69E-07	1	1320.693	1.96	Malpighian tubule	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_71276	RVCVPIALR	AGAP010257-PA	C3(Carbamidomethyl)	40	0.000344404	1	1083.646	0.07	Male reproductive organs	3R:-:51715093-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_73016	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	47	8.06E-05	2	927.544	-0.2	Ovary	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_73088	FLAYLR	AGAP010257-PA	-	33	0.00187096	2	782.456	-0.05	Midgut	3R:-:51715366-51715349	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_74132	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	32	0.002926577	2	927.546	1.44	Pupa	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_76803	YSKPVVNAVPPK	AGAP010257-PA	-	43	0.000312827	1	1298.748	0.91	Pupa	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_79424	LKVYEGIPPPYDK	AGAP010257-PA	-	44	0.000443488	1	1518.822	1.24	Male reproductive organs	3R:-:51715138-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_80222	VYEGIPPPYDK	AGAP010257-PA	-	49	0.000205785	2	1277.643	0.96	Male reproductive organs	3R:-:51715132-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_81402	DVVNNLEAK	AGAP010257-PA	-	55	5.51E-05	1	1001.530	3.41	Malpighian tubule	3R:-:51714790-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_81748	VAHEVGWK	AGAP010257-PA	-	54	2.84E-05	1	925.488	-1.13	Head	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_82882	CEGLQLSGHFFR	AGAP010257-PA	C1(Carbamidomethyl)	76	4.21E-07	1	1450.690	0.45	Head	3R:-:51715414-51715379	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_83496	IESQNAVLK	AGAP010257-PA	-	56	4.24E-05	2	1001.562	-0.81	Visceras	3R:-:51714593-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_84884	QILSGNSVVVVR	AGAP010257-PA	N6(Deamidated)	81	3.50E-08	1	1270.749	1.18	Ovary	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA

JHU_Ag_86505	QYGYLTSEFEK	AGAP010257-PA	-	56	3.94E-05	1	1364.642	3.57	Pupa	3R:-:51714566-51714534	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_86559	YRDVVNNLEAK	AGAP010257-PA	-	75	5.22E-07	1	1320.697	4.92	Larva	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_86624	YRDVVNNLEAK	AGAP010257-PA	-	67	3.48E-06	2	1320.690	-0.35	Salivary gland	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_88041	RIESQNAVLK	AGAP010257-PA	-	68	1.56E-06	1	1157.664	0.52	Visceras	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_89621	RIESQNAVLK	AGAP010257-PA	-	60	1.25E-05	1	1157.658	-4.54	Head	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_91307	CEGLQLSGHFFR	AGAP010257-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), Q5(Deamidated)"	87	2.96E-08	1	1450.690	0.48	Ovary	3R:-:51715414-51715379	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_91422	IESQNAVLK	AGAP010257-PA	-	38	0.002984373	2	1001.562	-0.51	Head	3R:-:51714593-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_92564	DVVNNLEAK	AGAP010257-PA	-	46	0.000440396	2	1001.523	-2.82	Midgut	3R:-:51714790-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_92875	KYSKPVVNAVPPK	AGAP010257-PA	-	45	0.000121423	1	1426.844	1.3	Malpighian tubule	3R:-:51714533-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_93904	VAHEVGWK	AGAP010257-PA	-	54	2.81E-05	1	925.490	0.85	Visceras	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_93940	KPILIDGR	AGAP010257-PA	-	40	0.000210583	2	911.568	0.64	Ovary	3R:-:51715701-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_94566	GPFHFRAPSR	AGAP010257-PA	-	35	0.003732466	1	1171.612	0.27	Malpighian tubule	3R:-:51715321-51715292	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_95186	TKKPILIDGR	AGAP010257-PA	-	44	8.66E-05	1	1140.713	2.55	Head	3R:-:51715707-51715716,51715270-51715490	exon=> In CDS Exon 2 and 1 of transcript AGAP010257-PA
JHU_Ag_98112	VAHEVGWK	AGAP010257-PA	-	53	3.84E-05	1	925.488	-1.45	Midgut	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_98185	CEGLQLSGHFFR	AGAP010257-PA	C1(Carbamidomethyl)	57	3.19E-05	3	1450.688	-0.87	Visceras	3R:-:51715414-51715379	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_99653	LKVYEGIPPPYDK	AGAP010257-PA	-	41	0.000736947	1	1518.828	5.18	Head	3R:-:51715138-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_101891	VAHEVGWK	AGAP010257-PA	-	50	8.11E-05	1	925.490	1.18	Ovary	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_102101	YSKPVVNAVPPK	AGAP010257-PA	-	42	0.000473233	1	1298.746	-0.85	Midgut	3R:-:51714530-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_102970	RIESQNAVLK	AGAP010257-PA	-	53	5.17E-05	1	1157.663	-0.43	Pupa	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_103190	VAHEVGWK	AGAP010257-PA	-	50	7.46E-05	1	925.488	-0.67	Larva	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_103738	RVCVPIALR	AGAP010257-PA	C3(Carbamidomethyl)	39	0.000556176	1	1083.647	1.42	Pupa	3R:-:51715093-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_104954	QYGYLTSEFEK	AGAP010257-PA	-	57	2.41E-05	1	1364.641	2.85	Malpighian tubule	3R:-:51714566-51714534	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_105386	QILSGNSVVVVR	AGAP010257-PA	-	91	3.82E-09	1	1270.748	-0.17	Visceras	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_105767	VCVPIALR	AGAP010257-PA	C2(Carbamidomethyl)	61	3.41E-06	2	927.547	3.15	Malpighian tubule	3R:-:51715090-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_106757	RIESQNAVLK	AGAP010257-PA	-	65	3.56E-06	1	1157.667	2.84	Malpighian tubule	3R:-:51714596-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_106916	VYEGIPPPYDK	AGAP010257-PA	-	57	2.95E-05	1	1277.647	4.12	Larva	3R:-:51715132-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA

JHU_Ag_107711	RVCVPIALR	AGAP010257-PA	C3(Carbamidomethyl)	40	0.000362927	1	1083.647	0.86	Visceras	3R:-:51715093-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_107776	VAHEVGWK	AGAP010257-PA	-	50	7.18E-05	1	925.488	-1.46	Pupa	3R:-:51714820-51714797	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_107949	QYGYLTSEFEK	AGAP010257-PA	-	55	4.21E-05	1	1364.645	5.63	Larva	3R:-:51714566-51714534	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_108062	YRDVVNNLEAK	AGAP010257-PA	-	75	5.08E-07	1	1320.691	0.48	Pupa	3R:-:51714796-51714764	exon=> In CDS Exon 4 of transcript AGAP010257-PA
JHU_Ag_108676	VYEGIPPPYDK	AGAP010257-PA	-	57	3.17E-05	1	1277.642	0.68	Ovary	3R:-:51715132-51715100	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_109333	GPFHFR	AGAP010257-PA	-	39	0.002867129	1	760.390	1.22	Larva	3R:-:51715321-51715304	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_109775	CEGLQLSGHFFR	AGAP010257-PA	C1(Carbamidomethyl)	88	2.74E-08	1	1450.692	1.41	Malpighian tubule	3R:-:51715414-51715379	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_110224	FLAYLR	AGAP010257-PA	-	29	0.0042077	2	782.457	0.88	Pupa	3R:-:51715366-51715349	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_112158	GPFHFR	AGAP010257-PA	-	39	0.002731197	1	760.393	5.07	Head	3R:-:51715321-51715304	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_112236	QILSGNSVVVVR	AGAP010257-PA	-	85	1.39E-08	1	1270.747	-0.46	Midgut	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_112858	IESQNAVLK	AGAP010257-PA	-	40	0.002026184	2	1001.563	0.34	Larva	3R:-:51714593-51714567	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_113026	KYSKPVVNAVPPK	AGAP010257-PA	-	45	0.000103248	1	1426.841	-0.56	Male reproductive organs	3R:-:51714533-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_114471	RVCVPIALR	AGAP010257-PA	C3(Carbamidomethyl)	39	0.000451927	1	1083.645	-0.72	Head	3R:-:51715093-51715067	exon=> In CDS Exon 3 of transcript AGAP010257-PA
JHU_Ag_116135	QILSGNSVVVVR	AGAP010257-PA	-	89	5.75E-09	1	1270.753	4.35	Head	3R:-:51715450-51715415	exon=> In CDS Exon 2 of transcript AGAP010257-PA
JHU_Ag_117124	KYSKPVVNAVPPK	AGAP010257-PA	-	52	2.10E-05	1	1426.844	1.3	Pupa	3R:-:51714533-51714495	exon=> In CDS Exon 5 of transcript AGAP010257-PA
JHU_Ag_1048	TSGHDHPDVATMLNILALVYR	AGAP010258-PA	M12(Oxidation)	77	2.76E-07	1	2339.180	-0.75	Ovary	3R:+:51718189-51718251	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_8399	YDEIQENEDNLEK	AGAP010258-PA	-	74	2.43E-07	2	1638.709	-2.2	Midgut	3R:+:51717925-51717963	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_8607	TLHNLVIQYASQGR	AGAP010258-PA	-	60	8.93E-06	1	1599.864	2.56	Ovary	3R:+:51718096-51718137	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_13586	QLNNLALLCQNQAK	AGAP010258-PA	C9(Carbamidomethyl)	49	0.000140988	2	1627.861	1.31	Head	3R:+:51718808-51718843,51718925-51718930	exon=> In CDS Exon 3 and 4 of transcript AGAP010258-PA
JHU_Ag_15829	TLHNLVIQYASQGR	AGAP010258-PA	-	70	1.01E-06	1	1599.865	2.86	Malpighian tubule	3R:+:51718096-51718137	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_30265	TLNNLASCYLK	AGAP010258-PA	C8(Carbamidomethyl)	72	9.33E-07	1	1296.666	3.09	Ovary	3R:+:51719015-51719047	exon=> In CDS Exon 4 of transcript AGAP010258-PA
JHU_Ag_38130	TVMQGLEALR	AGAP010258-PA	M3(Oxidation)	47	0.000284677	2	1133.602	3.49	Malpighian tubule	3R:+:51717499-51717528	exon=> In CDS Exon 1 of transcript AGAP010258-PA
JHU_Ag_46488	EAANLLNDALTIR	AGAP010258-PA	-	79	1.13E-07	2	1413.774	2.77	Ovary	3R:+:51718604-51718642	exon=> In CDS Exon 3 of transcript AGAP010258-PA
JHU_Ag_48484	TLNNLASCYLK	AGAP010258-PA	C8(Carbamidomethyl)	32	0.00813	1	1296.664	2.06	Head	3R:+:51719015-51719047	exon=> In CDS Exon 4 of transcript AGAP010258-PA
JHU_Ag_58055	KYDEIQENEDNLEK	AGAP010258-PA	-	81	1.02E-07	2	1766.812	2.31	Ovary	3R:+:51717922-51717963	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_59539	EAANLLNDALTIR	AGAP010258-PA	-	90	8.02E-09	2	1413.773	2.51	Salivary gland	3R:+:51718604-51718642	exon=> In CDS Exon 3 of transcript AGAP010258-PA
JHU_Ag_61808	EAANLLNDALTIR	AGAP010258-PA	-	90	9.04E-09	1	1413.773	2.34	Head	3R:+:51718604-51718642	exon=> In CDS Exon 3 of transcript AGAP010258-PA

JHU_Ag_61893	LQASEQSVAQLEEEK	AGAP010258-PA	-	64	7.10E-06	2	1688.835	0.78	Ovary	3R:+:51717847-51717891	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_70311	RALEIYEMK	AGAP010258-PA	M8(Oxidation)	33	0.005697946	2	1168.600	-2.76	Head	3R:+:51718958-51718984	exon=> In CDS Exon 4 of transcript AGAP010258-PA
JHU_Ag_77891	TLGENHPAVAATLNNLAVLYGK	AGAP010258-PA	-	61	5.17E-06	1	2266.223	1.61	Salivary gland	3R:+:51718649-51718714	exon=> In CDS Exon 3 of transcript AGAP010258-PA
JHU_Ag_78360	VDSPTVTTTLK	AGAP010258-PA	-	64	4.92E-06	2	1161.638	1.86	Ovary	3R:+:51719240-51719272	exon=> In CDS Exon 4 of transcript AGAP010258-PA
JHU_Ag_81117	TLHNLVIQYASQGR	AGAP010258-PA	-	74	3.94E-07	1	1599.864	2.18	Head	3R:+:51718096-51718137	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_84385	TDPVVELFPEDEAEER	AGAP010258-PA	-	74	5.02E-07	1	1874.863	-1.24	Ovary	3R:+:51717970-51718017	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_101626	EAANLLNDALTIR	AGAP010258-PA	-	60	9.73E-06	1	1413.773	2.34	Malpighian tubule	3R:+:51718604-51718642	exon=> In CDS Exon 3 of transcript AGAP010258-PA
JHU_Ag_102922	KYDEIQENEDNLEK	AGAP010258-PA	-	125	3.84E-12	1	1766.802	-3.22	Head	3R:+:51717922-51717963	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_103884	VDSPTVTTTLK	AGAP010258-PA	-	62	7.41E-06	2	1161.639	2.39	Head	3R:+:51719240-51719272	exon=> In CDS Exon 4 of transcript AGAP010258-PA
JHU_Ag_106879	TLHNLVIQYASQGR	AGAP010258-PA	-	43	0.000460257	1	1599.862	1.41	Salivary gland	3R:+:51718096-51718137	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_108699	TLGENHPAVAATLNNLAVLYGK	AGAP010258-PA	-	65	1.83E-06	1	2266.231	5.17	Head	3R:+:51718649-51718714	exon=> In CDS Exon 3 of transcript AGAP010258-PA
JHU_Ag_110893	KYDEIQENEDNLEK	AGAP010258-PA	-	71	9.63E-07	1	1766.815	3.83	Malpighian tubule	3R:+:51717922-51717963	exon=> In CDS Exon 2 of transcript AGAP010258-PA
JHU_Ag_4067	RPPVEETASFLQSLLASHGPNYLEK	AGAP010260-PA	-	144	3.52E-14	1	2783.443	2.5	Head	3R:+:51754597-51754671	exon=> In CDS Exon 3 of transcript AGAP010260-PA
JHU_Ag_14820	RNEACHPYEPFK	AGAP010260-PA	C5(Carbamidomethyl)	38	0.00162844	1	1547.702	-2.71	Head	3R:+:51754249-51754255,51754373-51754401	exon=> In CDS Exon 1 and 2 of transcript AGAP010260-PA
JHU_Ag_17785	DALAPLGGVEK	AGAP010260-PA	-	46	0.000166852	1	1069.588	-0.46	Head	3R:+:51754693-51754725	exon=> In CDS Exon 3 of transcript AGAP010260-PA
JHU_Ag_55876	SIGIKDSELGDVK	AGAP010260-PA	-	54	5.13E-05	2	1360.732	0.05	Head	3R:+:51755401-51755439	exon=> In CDS Exon 4 of transcript AGAP010260-PA
JHU_Ag_81161	NEACHPYEPFK	AGAP010260-PA	N1(Deamidated), C4(Carbamidomethyl),C4(Carbamidomethyl)	46	0.000126528	2	1391.600	-3.42	Head	3R:+:51754252-51754255,51754373-51754401	exon=> In CDS Exon 1 and 2 of transcript AGAP010260-PA
JHU_Ag_86838	SDLEHLR	AGAP010260-PA	-	54	3.13E-05	2	869.445	-3.06	Head	3R:+:51755335-51755355	exon=> In CDS Exon 4 of transcript AGAP010260-PA
JHU_Ag_94368	VAIALSESQTIEDFGAALHLMR	AGAP010260-PA	M21(Oxidation)	73	5.90E-07	1	2388.218	-2.03	Head	3R:+:51754726-51754790,51755334-51755334	exon=> In CDS Exon 3 and 4 of transcript AGAP010260-PA
JHU_Ag_44127	SVTASQLNTDSPAK	AGAP010261-PA,AGAP010261-PB	-	57	3.38E-05	2	1418.718	3.86	Malpighian tubule	3R:-:51760865-51760824;3R:-:51760865-51760824	exon=> In CDS Exon 17 of transcript AGAP010261-PA;exon=> In CDS Exon 17 of transcript AGAP010261-PB
JHU_Ag_81416	QLEAQLQRLR	AGAP010261-PA,AGAP010261-PB	Q5(Deamidated), Q7(Deamidated)	40	0.001343878	1	1256.681	-11.7	Visceras	3R:-:51761047-51761018;3R:-:51761047-51761018	exon=> In CDS Exon 16 of transcript AGAP010261-PA;exon=> In CDS Exon 16 of transcript AGAP010261-PB
JHU_Ag_93412	ELEEENANLQAEYEK	AGAP010261-PA,AGAP010261-PB	-	67	2.17E-06	2	1808.820	0.8	Ovary	3R:-:51761374-51761330;3R:-:51761374-51761330	exon=> In CDS Exon 15 of transcript AGAP010261-PA;exon=> In CDS Exon 15 of transcript AGAP010261-PB
JHU_Ag_3155	AQCEQAHR	AGAP010264-PA	C3(Carbamidomethyl)	33	0.003219971	2	999.446	3.51	Head	3R:+:51806373-51806396	exon=> In CDS Exon 4 of transcript AGAP010264-PA

JHU_Ag_41740	DSVQELSVASTHDQHR	AGAP010264-PA	-	77	2.73E-07	1	1808.854	0.93	Head	3R:+:51805037-51805084	exon=> In CDS Exon 3 of transcript AGAP010264-PA
JHU_Ag_79742	ETALDGQVYNYVNPEDCQCECHEHER	AGAP010264-PA	C17(Carbamidomethyl), C19(Carbamidomethyl), C21(Carbamidomethyl)	105	3.03E-11	1	3252.298	-2.31	Head	3R:+:51807819-51807896	exon=> In CDS Exon 4 of transcript AGAP010264-PA
JHU_Ag_85771	DSEFDSASIQTGR	AGAP010264-PA	-	91	6.89E-09	2	1412.632	1.95	Head	3R:+:51806952-51806990	exon=> In CDS Exon 4 of transcript AGAP010264-PA
JHU_Ag_93841	IDNPDGSIIIPLK	AGAP010264-PA	-	39	0.000663086	2	1394.789	-0.12	Head	3R:+:51805824-51805862	exon=> In CDS Exon 4 of transcript AGAP010264-PA
JHU_Ag_104516	ENNSHNWENVIGELSQR	AGAP010264-PA	-	52	8.10E-05	1	2025.939	0.95	Head	3R:+:51805881-51805931	exon=> In CDS Exon 4 of transcript AGAP010264-PA
JHU_Ag_113369	YDQTTDQPTASANSTPSK	AGAP010264-PA	-	55	2.88E-05	2	1911.853	-1.97	Head	3R:+:51805284-51805337	exon=> In CDS Exon 4 of transcript AGAP010264-PA
JHU_Ag_14899	ELIELK	AGAP010266-PA	-	41	0.000393694	1	744.450	-0.36	Head	3R:+:51855808-51855825	exon=> In CDS Exon 5 of transcript AGAP010266-PA
JHU_Ag_20073	KTLPTDLLPVIFR	AGAP010266-PA	-	18	0.00839402	1	1512.935	13.6	Ovary	3R:+:51876352-51876390	exon=> In CDS Exon 24 of transcript AGAP010266-PA
JHU_Ag_59238	ELIELK	AGAP010266-PA	-	41	0.000687081	1	744.459	11.69	Male reproductive organs	3R:+:51855808-51855825	exon=> In CDS Exon 5 of transcript AGAP010266-PA
JHU_Ag_84117	DDGSEIDDPESSSCPEK	AGAP010266-PA	C14(Carbamidomethyl)	60	1.30E-06	2	1866.719	0.61	Head	3R:+:51875543-51875593	exon=> In CDS Exon 21 of transcript AGAP010266-PA
JHU_Ag_87352	MTGSFRIQLINMNTR	AGAP010266-PA	Q8(Deamidated), N11(Deamidated), M12(Oxidation), N13(Deamidated)	43	0.000611204	1	1800.841	-11.45	Larva	3R:+:51851517-51851561	exon=> In CDS Exon 1 of transcript AGAP010266-PA
JHU_Ag_381	ILDNSLDTSLR	AGAP010267-PA	-	52	9.11E-05	2	1246.667	2.88	Ovary	3R:-:51881015-51880983	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_1123	LITENIVNDWDDPR	AGAP010267-PA	-	95	4.89E-09	2	1699.831	1.21	Midgut	3R:-:51879725-51881222,51878832-51879612	exon=> In CDS Exon 2 and 1 of transcript AGAP010267-PA
JHU_Ag_1613	IKPQTAHHLELIVR	AGAP010267-PA	-	63	7.69E-07	1	1654.976	0.18	Salivary gland	3R:-:51881060-51881019	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_1620	LNVNYTVVSK	AGAP010267-PA	-	68	1.38E-06	2	1136.631	0.21	Salivary gland	3R:-:51879770-51879741	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_3161	DIVEWLGYKPFK	AGAP010267-PA	-	78	1.83E-07	2	1494.799	-0.29	Midgut	3R:-:51880271-51880236	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_6003	DIVEWLGYKPFK	AGAP010267-PA	-	77	1.89E-07	1	1494.804	3.3	Ovary	3R:-:51880271-51880236	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_7036	IDEGAATLR	AGAP010267-PA	-	53	0.000107744	2	945.502	2.01	Salivary gland	3R:-:51880046-51880020	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_7264	ATSVVEPSAVNANNRPEGPR	AGAP010267-PA	-	50	0.000167529	1	2065.038	-1.86	Salivary gland	3R:-:51880628-51880569	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_7695	TMAVLEPLK	AGAP010267-PA	M2(Oxidation)	45	0.000533666	1	1017.566	1.11	Malpighian tubule	3R:-:51879455-51879429	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_9135	ILDNSLDTSLR	AGAP010267-PA	-	81	1.30E-07	2	1246.666	1.61	Salivary gland	3R:-:51881015-51880983	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_9807	AYVHWVAKPCPVEVR	AGAP010267-PA	C10(Carbamidomethyl)	59	1.14E-05	1	1810.950	4.23	Malpighian tubule	3R:-:51879134-51879090	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_10566	LNVNYTVVSK	AGAP010267-PA	-	63	4.06E-06	2	1136.630	-0.65	Midgut	3R:-:51879770-51879741	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_13855	NRPIEESLQLFEDMK	AGAP010267-PA	M14(Oxidation)	47	0.000332583	1	1864.913	0.99	Head	3R:-:51880100-51880056	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_14013	NVDFHRPGENFK	AGAP010267-PA	-	55	4.82E-05	1	1459.704	-2.3	Head	3R:-:51880547-51880512	exon=> In CDS Exon 1 of transcript AGAP010267-PA

JHU_Ag_14745	TMAVLEPLK	AGAP010267-PA	M2(Oxidation)	54	5.64E-05	1	1017.565	-0.21	Salivary gland	3R:-:51879455-51879429	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_16723	ETPASDTAPK	AGAP010267-PA	-	48	0.000135461	2	1016.492	2.18	Malpighian tubule	3R:-:51880658-51880629	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_17469	NGQLVFNR	AGAP010267-PA	N1(Deamidated)	47	0.000323662	2	948.489	-0.39	Salivary gland	3R:-:51878894-51878871	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_17520	TDGYIITPDTER	AGAP010267-PA	-	37	0.00327223	2	1380.663	-0.86	Midgut	3R:-:51880511-51880476	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_17978	IGYFSVDPDSR	AGAP010267-PA	-	73	5.79E-07	2	1255.597	1.55	Ovary	3R:-:51878927-51878895	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_22357	LFTLSALR	AGAP010267-PA	-	48	4.72E-05	2	920.557	0.29	Salivary gland	3R:-:51879611-51879588	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_23117	VYDKYQFER	AGAP010267-PA	-	69	2.08E-06	1	1247.606	0.76	Malpighian tubule	3R:-:51878954-51878928	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_23811	GFTTEPSKWR	AGAP010267-PA	-	44	0.000635605	2	1208.610	3.01	Malpighian tubule	3R:-:51880130-51880101	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_24979	LITENIVNDWDDPR	AGAP010267-PA	-	84	6.52E-08	2	1699.832	1.72	Salivary gland	3R:-:51879725-51881222,51878832-51879612	exon=> In CDS Exon 2 and 1 of transcript AGAP010267-PA
JHU_Ag_26625	TMVDLMR	AGAP010267-PA	M2(Oxidation), M6(Oxidation)	33	0.00380434	1	897.419	2.66	Malpighian tubule	3R:-:51880568-51880548	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_26886	IKPQTAHHLELIVR	AGAP010267-PA	-	39	0.000170644	1	1654.976	0.63	Head	3R:-:51881060-51881019	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_27739	IGYFSVDPDSR	AGAP010267-PA	-	68	1.90E-06	2	1255.596	0.29	Salivary gland	3R:-:51878927-51878895	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_27752	LNVNYTVVSK	AGAP010267-PA	-	51	7.36E-05	2	1136.633	1.5	Malpighian tubule	3R:-:51879770-51879741	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_30378	LFTLSALR	AGAP010267-PA	-	53	1.75E-05	2	920.555	-1.57	Midgut	3R:-:51879611-51879588	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_32701	RLTPGQPVGLK	AGAP010267-PA	-	39	0.000165245	1	1165.706	0.64	Salivary gland	3R:-:51879272-51879240	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_33338	DVLNLAASR	AGAP010267-PA	-	53	8.37E-05	2	958.531	-0.52	Midgut	3R:-:51879482-51879456	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_36047	IGYFSVDPDSR	AGAP010267-PA	-	81	9.43E-08	2	1255.601	4.56	Malpighian tubule	3R:-:51878927-51878895	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_37618	VDTALEYVLANVTK	AGAP010267-PA	-	92	5.91E-09	1	1535.833	1.1	Malpighian tubule	3R:-:51880982-51880941	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_38314	LLSEIRSALPWVDGK	AGAP010267-PA	-	28	0.005814052	1	1683.965	13.26	Head	3R:-:51880793-51880749	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_43249	IKPQTAHHLELIVR	AGAP010267-PA	-	45	5.29E-05	1	1654.980	2.83	Malpighian tubule	3R:-:51881060-51881019	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_44958	TDGYIITPDTER	AGAP010267-PA	-	34	0.005855129	1	1380.672	5.42	Malpighian tubule	3R:-:51880511-51880476	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_45722	VDTALEYVLANVTK	AGAP010267-PA	-	96	2.25E-09	1	1535.833	0.78	Ovary	3R:-:51880982-51880941	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_46301	IGYFSVDPDSRNGQLVFNR	AGAP010267-PA	Q14(Deamidated),N12(Deamidated),N18(Deamidated)	80	1.42E-07	1	2185.071	1.82	Ovary	3R:-:51878927-51878871	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_46612	DIVEWLGYKPFK	AGAP010267-PA	-	76	2.07E-07	1	1494.804	3.3	Malpighian tubule	3R:-:51880271-51880236	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_47873	LNVNYTVVSKR	AGAP010267-PA	-	43	0.00025082	1	1292.736	3.17	Malpighian tubule	3R:-:51879770-51879738	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_48499	AFSYVPPGVELSSAQKPLIFQACSK	AGAP010267-PA	C23(Carbamidomethyl)	35	0.002564149	1	2724.417	3.69	Visceras	3R:-:51881135-51881061	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_53206	IEPCTATEKPK	AGAP010267-PA	C4(Carbamidomethyl)	54	7.15E-05	1	1273.648	1.98	Malpighian tubule	3R:-:51879167-51879135	exon=> In CDS Exon 2 of transcript AGAP010267-PA

JHU_Ag_54181	LITENIVNDWDDPR	AGAP010267-PA	-	88	2.25E-08	2	1699.829	0.21	Ovary	3R:-:51879725-51881222,51878832-51879612	exon=> In CDS Exon 2 and 1 of transcript AGAP010267-PA
JHU_Ag_54743	DVLNLAASR	AGAP010267-PA	-	62	8.86E-06	2	958.535	3.3	Malpighian tubule	3R:-:51879482-51879456	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_55891	MEHLVSLGLNEQK	AGAP010267-PA	N-Term(Acetyl), M1(Oxidation)	91	1.06E-08	1	1555.785	4.13	Ovary	3R:-:51881222-51881184	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_56576	MEHLVSLGLNEQK	AGAP010267-PA	N-Term(Acetyl), M1(Oxidation)	103	5.95E-10	1	1555.781	1.54	Salivary gland	3R:-:51881222-51881184	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_56656	LFTLSALR	AGAP010267-PA	-	32	0.001543202	2	920.560	3.8	Ovary	3R:-:51879611-51879588	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_57673	TDGYIITPDTER	AGAP010267-PA	-	39	0.002076886	2	1380.665	0.64	Ovary	3R:-:51880511-51880476	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_59497	ATSVVEPSAVNANNRPEGPR	AGAP010267-PA	-	35	0.003931325	1	2065.048	2.57	Head	3R:-:51880628-51880569	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_62735	FNVGKLLSEIR	AGAP010267-PA	-	57	1.07E-05	2	1275.746	2.95	Malpighian tubule	3R:-:51880808-51880776	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_62748	TMAVLEPLK	AGAP010267-PA	M2(Oxidation)	46	0.000299865	1	1017.568	3.15	Ovary	3R:-:51879455-51879429	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_63740	SEVDVQMFDLLGPK	AGAP010267-PA	M7(Oxidation)	64	5.39E-06	2	1593.791	5.07	Ovary	3R:-:51880739-51880698	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_64237	YDDTNPEKEEEK	AGAP010267-PA	-	49	7.87E-05	1	1496.646	4.61	Salivary gland	3R:-:51880325-51880290	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_64846	LITENIVNDWDDPR	AGAP010267-PA	-	75	4.36E-07	2	1699.836	4.59	Head	3R:-:51879725-51881222,51878832-51879612	exon=> In CDS Exon 2 and 1 of transcript AGAP010267-PA
JHU_Ag_64937	VDTALEYVLANVTK	AGAP010267-PA	-	112	5.30E-11	2	1535.840	5.15	Head	3R:-:51880982-51880941	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_65057	AININFAYAAANDGICFLR	AGAP010267-PA	C16(Carbamidomethyl)	44	0.000549131	2	2114.061	5.55	Salivary gland	3R:-:51880382-51880326	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_67309	MEHLVSLGLNEQK	AGAP010267-PA	N-Term(Acetyl), M1(Oxidation)	81	9.94E-08	1	1555.778	-0.43	Male reproductive organs	3R:-:51881222-51881184	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_68522	AFSYVPPGVELSSAQKPLIFQACSK	AGAP010267-PA	C23(Carbamidomethyl)	44	0.000423864	1	2724.410	1.27	Ovary	3R:-:51881135-51881061	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_69002	ETPASDTAPK	AGAP010267-PA	-	46	0.000240704	2	1016.494	4.82	Head	3R:-:51880658-51880629	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_70889	ATSVVEPSAVNANNRPEGPR	AGAP010267-PA	-	37	0.002809579	1	2065.038	-2.22	Midgut	3R:-:51880628-51880569	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_72001	GIRDIVEWLGYKPFK	AGAP010267-PA	-	35	0.001434185	1	1821.013	4.11	Malpighian tubule	3R:-:51880280-51880236	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_73519	ATSVVEPSAVNANNRPEGPR	AGAP010267-PA	N14(Deamidated),N13(Deamidated),N11(Deamidated)	46	0.000380936	1	2065.044	0.8	Ovary	3R:-:51880628-51880569	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_75118	VDTALEYVLANVTK	AGAP010267-PA	-	102	5.41E-10	2	1535.832	0.38	Salivary gland	3R:-:51880982-51880941	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_75930	VDTALEYVLANVTK	AGAP010267-PA	-	89	1.08E-08	2	1535.836	2.85	Visceras	3R:-:51880982-51880941	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_81622	DVLNLAASR	AGAP010267-PA	-	53	6.38E-05	2	958.528	-3.51	Salivary gland	3R:-:51879482-51879456	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_83102	NVDFHRPGENFKTDGYIITPDTER	AGAP010267-PA	-	93	7.55E-09	1	2821.364	3.54	Malpighian tubule	3R:-:51880547-51880476	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_83359	NVDFHRPGENFK	AGAP010267-PA	-	54	6.00E-05	1	1459.714	4.39	Ovary	3R:-:51880547-51880512	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_83815	DVLNLAASR	AGAP010267-PA	-	61	1.44E-05	2	958.532	-0.07	Ovary	3R:-:51879482-51879456	exon=> In CDS Exon 2 of transcript AGAP010267-PA

JHU_Ag_86668	ITLEEGKMDPVAYR	AGAP010267-PA	M8(Oxidation)	85	6.19E-08	1	1637.818	-1.72	Salivary gland	3R:-:51880013-51879972	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_88043	DIVEWLGYKPFK	AGAP010267-PA	-	73	5.35E-07	1	1494.801	0.93	Salivary gland	3R:-:51880271-51880236	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_88548	IGYFSVDPDSRNGQLVFNR	AGAP010267-PA	Q14(Deamidated),N12(Deamidated),N18(Deamidated)	86	3.58E-08	1	2184.096	5.93	Malpighian tubule	3R:-:51878927-51878871	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_89650	IKPQTAHHLELIVRK	AGAP010267-PA	-	63	4.17E-07	1	1783.077	3.72	Malpighian tubule	3R:-:51881060-51881016	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_90776	GIRDIVEWLGYKPFK	AGAP010267-PA	-	47	0.000104152	1	1821.003	-1.53	Salivary gland	3R:-:51880280-51880236	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_91097	MEHLVSLGLNEQK	AGAP010267-PA	N-Term(Acetyl),M1(Oxidation)	86	3.59E-08	1	1555.779	0.28	Malpighian tubule	3R:-:51881222-51881184	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_92645	ATSVVEPSAVNANNRPEGPR	AGAP010267-PA	-	52	8.64E-05	1	2065.052	4.96	Male reproductive organs	3R:-:51880628-51880569	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_93939	IGYFSVDPDSR	AGAP010267-PA	-	72	6.40E-07	2	1255.593	-1.95	Midgut	3R:-:51878927-51878895	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_95590	ATSVVEPSAVNANNRPEGPR	AGAP010267-PA	-	40	0.001377904	1	2065.046	2.04	Malpighian tubule	3R:-:51880628-51880569	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_96079	IDEGAATLR	AGAP010267-PA	-	60	1.73E-05	2	945.503	3.11	Ovary	3R:-:51880046-51880020	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_96421	SGTVEELVCR	AGAP010267-PA	C9(Carbamidomethyl)	66	4.19E-06	2	1149.557	0.24	Salivary gland	3R:-:51879197-51879168	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_97713	TDGYIITPDTER	AGAP010267-PA	-	55	4.88E-05	2	1380.665	0.46	Salivary gland	3R:-:51880511-51880476	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_99721	SGTVEELVCR	AGAP010267-PA	C9(Carbamidomethyl)	38	0.003062288	2	1149.558	0.77	Ovary	3R:-:51879197-51879168	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_100652	DVLNLAASR	AGAP010267-PA	-	56	3.98E-05	2	958.530	-1.41	Male reproductive organs	3R:-:51879482-51879456	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_105390	LFTLSALR	AGAP010267-PA	-	57	4.39E-06	2	920.560	3.61	Malpighian tubule	3R:-:51879611-51879588	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_110159	LITENIVNDWDDPR	AGAP010267-PA	-	75	4.61E-07	2	1699.830	1	Male reproductive organs	3R:-:51879725-51881222,51878832-51879612	exon=> In CDS Exon 2 and 1 of transcript AGAP010267-PA
JHU_Ag_110503	LNVNYTVVSK	AGAP010267-PA	-	50	7.93E-05	2	1136.635	3.22	Male reproductive organs	3R:-:51879770-51879741	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_110573	IKPQTAHHLELIVR	AGAP010267-PA	-	52	1.01E-05	2	1654.982	4.24	Ovary	3R:-:51881060-51881019	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_113761	LITENIVNDWDDPR	AGAP010267-PA	-	50	0.000146309	2	1699.838	5.24	Malpighian tubule	3R:-:51879725-51881222,51878832-51879612	exon=> In CDS Exon 2 and 1 of transcript AGAP010267-PA
JHU_Ag_114055	ALKSEVDVQMFDLLGPK	AGAP010267-PA	-	48	0.000164351	1	1890.012	4.34	Malpighian tubule	3R:-:51880748-51880698	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_115572	TRFPPEPNGILHIGHAK	AGAP010267-PA	N8(Deamidated)	68	1.14E-06	1	1884.031	3.98	Ovary	3R:-:51880433-51880383	exon=> In CDS Exon 1 of transcript AGAP010267-PA
JHU_Ag_116590	AYVHWVAKPCPVEVR	AGAP010267-PA	C10(Carbamidomethyl)	58	1.82E-05	1	1810.940	-1.33	Salivary gland	3R:-:51879134-51879090	exon=> In CDS Exon 2 of transcript AGAP010267-PA
JHU_Ag_14338	LDNDTIPVPQHDEDGR	AGAP010268-PA	-	59	1.80E-05	1	1820.866	13.78	Ovary	3R:+:51883066-51883113	exon=> In CDS Exon 4 of transcript AGAP010268-PA
JHU_Ag_54899	LDNDTIPVPQHDEDGR	AGAP010268-PA	-	71	1.16E-06	1	1820.846	2.59	Malpighian tubule	3R:+:51883066-51883113	exon=> In CDS Exon 4 of transcript AGAP010268-PA
JHU_Ag_4178	ISLTEQMRLAGGR	AGAP010269-PA	-	38	0.001854923	1	1431.780	4.44	Male reproductive organs	3R:-:51891406-51891368	exon=> In CDS Exon 1 of transcript AGAP010269-PA
JHU_Ag_13920	ISLTEQMRLAGGR	AGAP010269-PA	-	38	0.001903603	1	1431.777	2.58	Midgut	3R:-:51891406-51891368	exon=> In CDS Exon 1 of transcript AGAP010269-PA

JHU_Ag_32840	ISLTEQMRLAGGR	AGAP010269-PA	-	41	0.001019581	1	1431.779	3.67	Visceras	3R:-:51891406-51891368	exon=> In CDS Exon 1 of transcript AGAP010269-PA
JHU_Ag_48321	ISLTEQMRLAGGR	AGAP010269-PA	-	38	0.001510573	1	1431.784	7.12	Larva	3R:-:51891406-51891368	exon=> In CDS Exon 1 of transcript AGAP010269-PA
JHU_Ag_88538	ISLTEQMRLAGGR	AGAP010269-PA	-	38	0.001937251	1	1431.780	4.05	Pupa	3R:-:51891406-51891368	exon=> In CDS Exon 1 of transcript AGAP010269-PA
JHU_Ag_2242	IDVTANVSGGGPSSQAGAVR	AGAP010270-PA	-	92	9.32E-09	2	1842.933	1.29	Ovary	3R:+:51911216-51911275	exon=> In CDS Exon 1 of transcript AGAP010270-PA
JHU_Ag_34686	IDVTANVSGGGPSSQAGAVR	AGAP010270-PA	-	98	2.29E-09	2	1842.928	-1.36	Pupa	3R:+:51911216-51911275	exon=> In CDS Exon 1 of transcript AGAP010270-PA
JHU_Ag_67688	IDVTANVSGGGPSSQAGAVR	AGAP010270-PA	-	97	2.67E-09	1	1842.932	0.69	Midgut	3R:+:51911216-51911275	exon=> In CDS Exon 1 of transcript AGAP010270-PA
JHU_Ag_45969	HNLLFLYR	AGAP010275-PA	-	41	0.000798789	1	1075.606	0.71	Head	3R:+:51938166-51938189	exon=> In CDS Exon 5 of transcript AGAP010275-PA
JHU_Ag_50746	LAELNPDITNTTVENILLEHVR	AGAP010275-PA	-	37	0.001303621	3	2504.344	3.32	Malpighian tubule	3R:+:51938618-51938683	exon=> In CDS Exon 7 of transcript AGAP010275-PA
JHU_Ag_52571	HLSDVDYDNISK	AGAP010275-PA	-	73	7.61E-07	1	1405.666	4.8	Malpighian tubule	3R:+:51938437-51938472	exon=> In CDS Exon 6 of transcript AGAP010275-PA
JHU_Ag_64906	ILLNNIFK	AGAP010275-PA	N5(Deamidated)	30	0.003438442	2	975.580	-7.19	Midgut	3R:+:51939836-51939859	exon=> In CDS Exon 9 of transcript AGAP010275-PA
JHU_Ag_79911	DLCTPDNDQQFMVQDGR	AGAP010275-PA	C3(Carbamidomethyl), M12(Oxidation)	67	7.95E-07	2	2054.860	2.6	Head	3R:+:51938780-51938815,51938908-51938922	exon=> In CDS Exon 7 and 8 of transcript AGAP010275-PA
JHU_Ag_93888	AHAALTVPSASSSSSSPQNPIQNSLFNAR	AGAP010275-PA	-	52	7.71E-05	3	2939.483	7.48	Malpighian tubule	3R:+:51939481-51939567	exon=> In CDS Exon 8 of transcript AGAP010275-PA
JHU_Ag_102403	LAELNPDITNTTVENILLEHVRR	AGAP010275-PA	-	74	1.29E-07	1	2660.451	5.21	Malpighian tubule	3R:+:51938618-51938686	exon=> In CDS Exon 7 of transcript AGAP010275-PA
JHU_Ag_2519	MLDFYSQFNPSPLSIK	AGAP010276-PA	M1(Oxidation)	88	2.65E-08	2	1902.931	0.14	Midgut	3R:-:51945487-51945440	exon=> In CDS Exon 1 of transcript AGAP010276-PA
JHU_Ag_4082	EITLLPESLLR	AGAP010276-PA	-	39	0.000626844	1	1283.757	0.39	Malpighian tubule	3R:-:51944612-51944580	exon=> In CDS Exon 2 of transcript AGAP010276-PA
JHU_Ag_14999	MLINQHTILFGDIPQTGR	AGAP010276-PA	-	33	0.004270539	1	2054.091	3	Malpighian tubule	3R:-:51944220-51944392,51943998-51944082	exon=> In CDS Exon 4 and 3 of transcript AGAP010276-PA
JHU_Ag_21775	EITLLPESLLR	AGAP010276-PA	-	39	0.000595881	1	1283.757	-0.18	Midgut	3R:-:51944612-51944580	exon=> In CDS Exon 2 of transcript AGAP010276-PA
JHU_Ag_29952	EITLLPESLLR	AGAP010276-PA	-	31	0.004374919	2	1283.760	2.01	Head	3R:-:51944612-51944580	exon=> In CDS Exon 2 of transcript AGAP010276-PA
JHU_Ag_45270	MPSVGLVSAWYVK	AGAP010276-PA	-	68	1.64E-06	2	1436.764	2.36	Malpighian tubule	3R:-:51944579-51944541	exon=> In CDS Exon 2 of transcript AGAP010276-PA
JHU_Ag_46040	SFVFLRK	AGAP010276-PA	-	35	0.000639372	1	896.535	-0.51	Malpighian tubule	3R:-:51944666-51944646	exon=> In CDS Exon 2 of transcript AGAP010276-PA
JHU_Ag_66609	HSDVVQTMAQGILELK	AGAP010276-PA	-	91	8.46E-09	2	1768.935	4.92	Head	3R:-:51944358-51944311	exon=> In CDS Exon 3 of transcript AGAP010276-PA
JHU_Ag_84545	GLPVALQELGNNYVK	AGAP010277-PA	-	73	3.86E-07	2	1614.885	0.08	Ovary	3R:+:51946259-51946259,51946342-51946385	exon=> In CDS Exon 1 and 2 of transcript AGAP010277-PA
JHU_Ag_3778	LDSTDHGEHIENIWVVGGNSVYK	AGAP010278-PA	-	75	4.84E-07	1	2569.229	-0.98	Malpighian tubule	3R:-:51946998-51946930	exon=> In CDS Exon 2 of transcript AGAP010278-PA
JHU_Ag_5028	GIGINGDLPWK	AGAP010278-PA	-	60	8.93E-06	1	1169.632	0.93	Malpighian tubule	3R:-:51947322-51947290	exon=> In CDS Exon 1 of transcript AGAP010278-PA
JHU_Ag_64409	LNIVLTR	AGAP010278-PA	-	57	1.75E-05	2	828.530	-0.52	Male reproductive organs	3R:-:51947088-51947068	exon=> In CDS Exon 2 of transcript AGAP010278-PA
JHU_Ag_82060	LDSTDHGEHIENIWVVGGNSVYK	AGAP010278-PA	-	47	0.000338856	3	2569.232	-0.12	Ovary	3R:-:51946998-51946930	exon=> In CDS Exon 2 of transcript AGAP010278-PA

JHU_Ag_84056	LNIVLTR	AGAP010278-PA	-	54	3.78E-05	2	828.531	1.03	Malpighian tubule	3R:-:51947088-51947068	exon=> In CDS Exon 2 of transcript AGAP010278-PA
JHU_Ag_84257	LDSTDHGEHIENIWVVGGNSVYK	AGAP010278-PA	-	76	4.10E-07	1	2569.233	0.45	Midgut	3R:-:51946998-51946930	exon=> In CDS Exon 2 of transcript AGAP010278-PA
JHU_Ag_91706	KTYFGVPESK	AGAP010278-PA	-	50	8.38E-05	1	1155.605	0.68	Malpighian tubule	3R:-:51947136-51947107	exon=> In CDS Exon 2 of transcript AGAP010278-PA
JHU_Ag_110157	RPLPERLNIVLTR	AGAP010278-PA	-	76	1.16E-08	1	1576.967	1.54	Malpighian tubule	3R:-:51947106-51947068	exon=> In CDS Exon 2 of transcript AGAP010278-PA
JHU_Ag_113836	LNIVLTR	AGAP010278-PA	-	40	0.000867926	2	828.530	0.14	Ovary	3R:-:51947088-51947068	exon=> In CDS Exon 2 of transcript AGAP010278-PA
JHU_Ag_3474	EVSFAWPSEDAK	AGAP010280-PA	-	56	3.62E-05	2	1365.632	-0.05	Pupa	3R:-:51984313-51984278	exon=> In CDS Exon 1 of transcript AGAP010280-PA
JHU_Ag_12253	LQDGTRPIYFHAFSSTK	AGAP010280-PA	-	54	4.54E-05	1	1967.998	0.14	Head	3R:-:51982461-51982411	exon=> In CDS Exon 4 of transcript AGAP010280-PA
JHU_Ag_22931	LFITVPR	AGAP010280-PA	-	50	3.53E-05	2	845.525	0.73	Pupa	3R:-:51984202-51984421,51983069-51983175	exon=> In CDS Exon 2 and 1 of transcript AGAP010280-PA
JHU_Ag_59853	LPMFIFTSLDAEQYNYR	AGAP010280-PA	M3(Oxidation)	71	1.48E-06	2	2124.022	5.32	Pupa	3R:-:51982104-51982054	exon=> In CDS Exon 4 of transcript AGAP010280-PA
JHU_Ag_95618	YIVHNNLPLGLER	AGAP010280-PA	-	32	0.003326967	1	1537.846	-1.42	Pupa	3R:-:51984253-51984215	exon=> In CDS Exon 1 of transcript AGAP010280-PA
JHU_Ag_115088	LQDGTRPIYFHAFSSTK	AGAP010280-PA	-	61	9.70E-06	1	1968.001	1.65	Pupa	3R:-:51982461-51982411	exon=> In CDS Exon 4 of transcript AGAP010280-PA
JHU_Ag_116742	YIVHNNLPLGLER	AGAP010280-PA	-	45	0.000172741	2	1537.854	3.71	Head	3R:-:51984253-51984215	exon=> In CDS Exon 1 of transcript AGAP010280-PA
JHU_Ag_10177	NENISCTK	AGAP010281-PA	N1(Deamidated), N3(Deamidated), C6(Carbamidomethyl)	39	0.000502866	2	967.404	0.44	Head	3R:-:52007973-52007950	exon=> In CDS Exon 5 of transcript AGAP010281-PA
JHU_Ag_25684	LLFLVN	AGAP010282-PA	-	27	0.00411864	1	718.451	1.96	Ovary	3R:+:52038466-52038483	exon=> In CDS Exon 6 of transcript AGAP010282-PA
JHU_Ag_36134	DRHDIVEYFVNNTIVR	AGAP010282-PA	-	90	1.29E-08	3	1990.024	4.89	Ovary	3R:+:52036785-52036832	exon=> In CDS Exon 5 of transcript AGAP010282-PA
JHU_Ag_78128	ILDAVKGGVR	AGAP010282-PA	-	29	0.004561084	1	1027.631	5.21	Visceras	3R:+:52037331-52037360	exon=> In CDS Exon 5 of transcript AGAP010282-PA
JHU_Ag_88038	VNNPLLK	AGAP010283-PA	-	31	0.001895518	1	797.479	-10.92	Salivary gland	3R:+:52059571-52059591	exon=> In CDS Exon 7 of transcript AGAP010283-PA
JHU_Ag_107945	VNNPLLK	AGAP010283-PA	-	30	0.002792158	1	797.481	-8.53	Ovary	3R:+:52059571-52059591	exon=> In CDS Exon 7 of transcript AGAP010283-PA
JHU_Ag_20723	GLYLEEELYGRPPR	AGAP010284-PA	-	76	3.02E-07	1	1691.878	1.92	Head	3R:+:52069871-52069912	exon=> In CDS Exon 2 of transcript AGAP010284-PA
JHU_Ag_41587	APTHSLEYPR	AGAP010284-PA	-	65	4.01E-06	1	1170.585	-4.36	Head	3R:+:52069657-52069686	exon=> In CDS Exon 1 of transcript AGAP010284-PA
JHU_Ag_59851	DMDEPISPAGGHHR	AGAP010284-PA	M2(Oxidation)	62	5.84E-06	1	1534.665	-3.38	Head	3R:+:52069597-52069638	exon=> In CDS Exon 1 of transcript AGAP010284-PA
JHU_Ag_70383	GYLGDLQVQNGELQR	AGAP010284-PA	Q9(Deamidated)	102	1.02E-09	1	1689.860	2.51	Head	3R:+:52070015-52070059	exon=> In CDS Exon 3 of transcript AGAP010284-PA
JHU_Ag_85624	APNIEMQQQMEALYAENEHLQR	AGAP010284-PA	M6(Oxidation), M10(Oxidation)	111	9.03E-11	1	2675.218	-0.38	Head	3R:+:52070368-52070433	exon=> In CDS Exon 4 of transcript AGAP010284-PA
JHU_Ag_104542	LGSSMHSIK	AGAP010284-PA	M5(Oxidation)	60	1.62E-05	2	975.492	-0.74	Head	3R:+:52070105-52070131	exon=> In CDS Exon 3 of transcript AGAP010284-PA
JHU_Ag_2032	LHETSLQLDLAR	AGAP010286-PA	-	97	2.02E-09	1	1395.755	-3.17	Head	3R:+:52111706-52111741	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_2691	GDNELEQWR	AGAP010286-PA	-	36	0.001841089	2	1146.520	1.83	Head	3R:+:52112525-52112551	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_3739	LQNSLDKAQNEIDHLQEK	AGAP010286-PA	-	45	0.000472356	1	2123.070	-1.25	Head	3R:+:52110394-52110447	exon=> In CDS Exon 3 of transcript AGAP010286-PA

JHU_Ag_4167	QNPQSAISPGALAATSTVSLADKNELDR	AGAP010286-PA	-	41	0.000861323	1	2854.466	4.22	Head	3R:+:52111868-52111951	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_5410	DQLVMQLEK	AGAP010286-PA	M5(Oxidation)	58	2.75E-05	2	1119.572	0.18	Head	3R:+:52112279-52112305	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_15194	EKINYEFENIQSQLDK	AGAP010286-PA	-	117	3.27E-11	2	1997.979	-1.42	Head	3R:+:52110578-52110625	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_18310	SSPQQPGSAPAAPQQGQAAAQEIQNYKK	AGAP010286-PA	-	97	2.53E-09	1	2880.426	0.79	Head	3R:+:52112396-52112479	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_20872	INYEFENIQSQLDK	AGAP010286-PA	-	125	4.90E-12	1	1740.847	1.94	Head	3R:+:52110584-52110625	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_21627	QTASLDSAQEEIAR	AGAP010286-PA	-	83	9.14E-08	1	1518.738	-0.7	Head	3R:+:52111403-52111444	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_21721	GDNELEQWRK	AGAP010286-PA	-	52	9.69E-05	1	1274.614	1.45	Head	3R:+:52112525-52112554	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_28028	TAQAQPQDAGPAGFLK	AGAP010286-PA	-	98	1.99E-09	1	1599.815	1.7	Head	3R:+:52113926-52113973	exon=> In CDS Exon 9 of transcript AGAP010286-PA
JHU_Ag_29215	AQNEIDHLQEK	AGAP010286-PA	-	63	8.81E-06	1	1324.651	1.01	Head	3R:+:52110415-52110447	exon=> In CDS Exon 3 of transcript AGAP010286-PA
JHU_Ag_34642	SQYEQETFDK	AGAP010286-PA	-	53	2.91E-05	1	1274.553	-0.14	Head	3R:+:52111622-52111651	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_34928	SSPQQPGSAPAAPQQGQAAAQEIQNYK	AGAP010286-PA	-	99	1.75E-09	1	2752.332	1.18	Head	3R:+:52112396-52112476	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_37796	QLQQQSTQQQPPQQSPSNKK	AGAP010286-PA	-	96	2.95E-09	1	2308.164	0.03	Head	3R:+:52112789-52112848	exon=> In CDS Exon 5 of transcript AGAP010286-PA
JHU_Ag_59345	LENAQGEQESLK	AGAP010286-PA	-	56	3.08E-05	1	1345.661	1.28	Head	3R:+:52108684-52108719	exon=> In CDS Exon 2 of transcript AGAP010286-PA
JHU_Ag_61722	SQDMLMSFQQELNAAEVELQR	AGAP010286-PA	M4(Oxidation), M6(Oxidation)	75	4.28E-07	2	2499.153	1.69	Head	3R:+:52112306-52112368	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_62498	ENEFQTMELK	AGAP010286-PA	-	42	0.000622467	2	1268.585	1.84	Head	3R:+:52111676-52111705	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_64619	SRAEAAALQEK	AGAP010286-PA	-	52	0.00011407	2	1173.616	-5.66	Head	3R:+:52108609-52108641	exon=> In CDS Exon 2 of transcript AGAP010286-PA
JHU_Ag_68802	DAIQTELEVVK	AGAP010286-PA	-	68	2.33E-06	2	1244.676	1.92	Head	3R:+:52110830-52110862	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_77158	ERDVLSDELEK	AGAP010286-PA	-	100	1.94E-09	1	1332.660	-3.47	Head	3R:+:52110740-52110772	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_79213	QNPQSAISPGALAATSTVSLADK	AGAP010286-PA	-	35	0.00362064	2	2227.161	2.07	Head	3R:+:52111868-52111936	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_91856	DATEMEAGR	AGAP010286-PA	M5(Oxidation)	55	1.28E-05	2	995.414	4.21	Head	3R:+:52111988-52112014	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_96090	AQLHLTK	AGAP010286-PA	-	43	0.000156369	1	810.480	-4.34	Head	3R:+:52112036-52112056	exon=> In CDS Exon 4 of transcript AGAP010286-PA
JHU_Ag_105972	LLQLVQMTQEEQNQK	AGAP010286-PA	M7(Oxidation)	110	1.43E-10	1	1829.947	2.15	Head	3R:+:52113757-52113801	exon=> In CDS Exon 8 of transcript AGAP010286-PA
JHU_Ag_108422	LENAQGEQESLKQEMER	AGAP010286-PA	M15(Oxidation)	53	7.89E-05	1	2034.939	-0.23	Head	3R:+:52108684-52108734	exon=> In CDS Exon 2 of transcript AGAP010286-PA
JHU_Ag_101294	VRPQGASHESETIYALSLK	AGAP010292-PA	-	54	3.80E-05	1	2086.093	-0.12	Head	3R:-:52303415-52303734,52301278-52301430	exon=> In CDS Exon 11 and 10 of transcript AGAP010292-PA
JHU_Ag_1410	LAANDFFR	AGAP010293-PA	-	53	4.93E-05	2	953.484	-0.32	Ovary	3R:+:52355639-52355662	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_2372	LAANDFFR	AGAP010293-PA	-	52	7.61E-05	2	953.486	2.44	Malpighian tubule	3R:+:52355639-52355662	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_3823	TLKYEGVTAFFK	AGAP010293-PA	-	56	3.52E-05	1	1403.756	-0.68	Midgut	3R:+:52358558-52358593	exon=> In CDS Exon 6 of transcript AGAP010293-PA

JHU_Ag_5733	HHLTTSNGTLPITR	AGAP010293-PA	N7(Deamidated)	84	5.61E-08	2	1548.810	-1.82	Head	3R:+:52355663-52355685,52357844-52357862	exon=> In CDS Exon 2 and 3 of transcript AGAP010293-PA
JHU_Ag_6698	GTGATMLR	AGAP010293-PA	-	35	0.005466945	2	806.416	-3.73	Malpighian tubule	3R:+:52358162-52358185	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_7040	GSAVNILLITPEK	AGAP010293-PA	-	90	3.73E-09	1	1354.797	1.98	Malpighian tubule	3R:+:52355591-52355629	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_10356	TLKYEGVTAFFK	AGAP010293-PA	-	53	6.46E-05	1	1403.760	2.03	Malpighian tubule	3R:+:52358558-52358593	exon=> In CDS Exon 6 of transcript AGAP010293-PA
JHU_Ag_10690	IINGGIAGIIGVSCVFPLDLVK	AGAP010293-PA	C14(Carbamidomethyl)	90	1.67E-09	1	2255.290	3.11	Malpighian tubule	3R:+:52354678-52354743	exon=> In CDS Exon 1 of transcript AGAP010293-PA
JHU_Ag_14971	GSAVNILLITPEK	AGAP010293-PA	-	77	8.01E-08	2	1354.794	-0.36	Midgut	3R:+:52355591-52355629	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_22007	LAANDFFR	AGAP010293-PA	-	55	3.94E-05	2	953.486	2.18	Salivary gland	3R:+:52355639-52355662	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_23455	GSAVNILLITPEK	AGAP010293-PA	-	79	5.00E-08	2	1354.795	0.99	Head	3R:+:52355591-52355629	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_23809	VSATSIAMELIR	AGAP010293-PA	M8(Oxidation)	67	2.13E-06	2	1306.711	5.66	Larva	3R:+:52358099-52358134	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_29531	TLKYEGVTAFFK	AGAP010293-PA	-	57	2.85E-05	2	1403.758	0.71	Head	3R:+:52358558-52358593	exon=> In CDS Exon 6 of transcript AGAP010293-PA
JHU_Ag_29804	IINGGIAGIIGVSCVFPLDLVK	AGAP010293-PA	N3(Deamidated), C14(Carbamidomethyl)	79	2.50E-08	1	2256.277	4.24	Midgut	3R:+:52354678-52354743	exon=> In CDS Exon 1 of transcript AGAP010293-PA
JHU_Ag_33301	LQNQQVGPNGEK	AGAP010293-PA	-	68	1.93E-06	1	1311.665	-0.19	Head	3R:+:52354750-52354785	exon=> In CDS Exon 1 of transcript AGAP010293-PA
JHU_Ag_39469	LAANDFFR	AGAP010293-PA	-	54	4.72E-05	2	953.485	0.58	Head	3R:+:52355639-52355662	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_41086	VSATSIAMELIR	AGAP010293-PA	M8(Oxidation)	88	1.77E-08	2	1306.704	-0.04	Midgut	3R:+:52358099-52358134	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_42979	VSATSIAMELIR	AGAP010293-PA	M8(Oxidation)	107	1.64E-10	2	1290.711	1.89	Head	3R:+:52358099-52358134	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_45952	VSATSIAMELIR	AGAP010293-PA	M8(Oxidation)	93	4.60E-09	2	1290.715	4.82	Malpighian tubule	3R:+:52358099-52358134	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_49103	LAANDFFRHHLTTSNGTLPITR	AGAP010293-PA	N15(Deamidated)	141	7.02E-14	1	2482.305	3.99	Malpighian tubule	3R:+:52355639-52355685,52357844-52357862	exon=> In CDS Exon 2 and 3 of transcript AGAP010293-PA
JHU_Ag_50899	LQALKK	AGAP010293-PA	Q2(Deamidated)	32	0.003534515	1	701.452	-4.8	Head	3R:+:52358416-52358433	exon=> In CDS Exon 5 of transcript AGAP010293-PA
JHU_Ag_67073	VSATSIAMELIR	AGAP010293-PA	M8(Oxidation)	88	1.47E-08	2	1290.713	3.31	Visceras	3R:+:52358099-52358134	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_69064	IQMQDAGR	AGAP010293-PA	M3(Oxidation)	50	0.000192553	2	918.447	0.58	Malpighian tubule	3R:+:52357932-52357955	exon=> In CDS Exon 3 of transcript AGAP010293-PA
JHU_Ag_73189	VSATSIAMELIR	AGAP010293-PA	M8(Oxidation)	61	9.74E-06	2	1306.702	-1.25	Ovary	3R:+:52358099-52358134	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_74945	DVSFSIVYFPLFATLNSLGPR	AGAP010293-PA	-	50	8.10E-05	2	2343.240	0.47	Midgut	3R:+:52358186-52358248	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_76233	MYNSMLDCFKK	AGAP010293-PA	C8(Carbamidomethyl)	65	2.99E-06	1	1436.636	-0.95	Midgut	3R:+:52354786-52354799,52355536-52355554	exon=> In CDS Exon 1 and 2 of transcript AGAP010293-PA
JHU_Ag_77552	LQNQQVGPNGEK	AGAP010293-PA	N9(Deamidated)	77	2.18E-07	1	1311.663	-1.68	Midgut	3R:+:52354750-52354785	exon=> In CDS Exon 1 of transcript AGAP010293-PA
JHU_Ag_78673	KVEGEMQFNGVADCIGK	AGAP010293-PA	M6(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	83	5.82E-08	1	1897.882	1.72	Head	3R:+:52358431-52358477,52358554-52358557	exon=> In CDS Exon 5 and 6 of transcript AGAP010293-PA

JHU_Ag_87553	LQNQQVGPNGEK	AGAP010293-PA	-	68	1.82E-06	1	1311.668	1.86	Malpighian tubule	3R:+:52354750-52354785	exon=> In CDS Exon 1 of transcript AGAP010293-PA
JHU_Ag_89100	AEGYFGMYR	AGAP010293-PA	M7(Oxidation)	45	0.000136916	2	1109.472	-0.33	Midgut	3R:+:52355564-52355590	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_97640	HHLTTSNGTLPITR	AGAP010293-PA	N7(Deamidated)	58	2.06E-05	2	1548.815	1.09	Malpighian tubule	3R:+:52355663-52355685,52357844-52357862	exon=> In CDS Exon 2 and 3 of transcript AGAP010293-PA
JHU_Ag_99476	LAANDFFR	AGAP010293-PA	-	67	2.21E-06	2	953.483	-1.02	Midgut	3R:+:52355639-52355662	exon=> In CDS Exon 2 of transcript AGAP010293-PA
JHU_Ag_99800	IINGGIAGIIGVSCVFPLDLVK	AGAP010293-PA	C14(Carbamidomethyl)	67	3.63E-07	1	2255.289	2.68	Head	3R:+:52354678-52354743	exon=> In CDS Exon 1 of transcript AGAP010293-PA
JHU_Ag_100934	TRLQNQQVGPNGEK	AGAP010293-PA	-	81	1.04E-07	1	1568.818	2.26	Malpighian tubule	3R:+:52354744-52354785	exon=> In CDS Exon 1 of transcript AGAP010293-PA
JHU_Ag_112581	VEGEMQFNGVADCIGK	AGAP010293-PA	M5(Oxidation), C13(Carbamidomethyl)	111	6.37E-11	1	1769.783	-0.22	Midgut	3R:+:52358434-52358477,52358554-52358557	exon=> In CDS Exon 5 and 6 of transcript AGAP010293-PA
JHU_Ag_113322	MYNSMLDCFK	AGAP010293-PA	C8(Carbamidomethyl)	65	8.90E-07	1	1308.541	-0.76	Head	3R:+:52354786-52354799,52355536-52355551	exon=> In CDS Exon 1 and 2 of transcript AGAP010293-PA
JHU_Ag_114189	VSATSIAMELIR	AGAP010293-PA	-	43	0.000438572	2	1290.712	2.74	Pupa	3R:+:52358099-52358134	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_114480	GITGLYK	AGAP010293-PA	-	32	0.003902938	2	751.437	2.89	Malpighian tubule	3R:+:52358141-52358161	exon=> In CDS Exon 4 of transcript AGAP010293-PA
JHU_Ag_117352	HHLTTSNGTLPITR	AGAP010293-PA	N7(Deamidated)	82	8.03E-08	2	1548.817	2.91	Midgut	3R:+:52355663-52355685,52357844-52357862	exon=> In CDS Exon 2 and 3 of transcript AGAP010293-PA
JHU_Ag_79569	TIAELISEK	AGAP010297-PA	-	40	0.00107287	1	1003.561	-6.43	Ovary	3R:+:52614551-52614577	exon=> In CDS Exon 2 of transcript AGAP010297-PA
JHU_Ag_80116	MSNVVEAYER	AGAP010297-PA	M1(Oxidation)	44	0.000354929	2	1213.550	-1.22	Ovary	3R:+:52614451-52614455,52614526-52614550	exon=> In CDS Exon 1 and 2 of transcript AGAP010297-PA
JHU_Ag_98585	ISINEQLIQK	AGAP010297-PA	-	83	4.25E-08	1	1185.686	1.61	Ovary	3R:+:52616114-52616143	exon=> In CDS Exon 4 of transcript AGAP010297-PA
JHU_Ag_1867	VNAIEHVIIPRIDR	AGAP010298-PA	-	75	7.11E-08	1	1644.958	2.24	Malpighian tubule	3R:+:52656555-52656573,52656641-52656663	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_3199	TLAYIISELDELEREEFYR	AGAP010298-PA	-	102	8.42E-10	1	2389.197	2.03	Malpighian tubule	3R:+:52656664-52656720	exon=> In CDS Exon 4 of transcript AGAP010298-PA
JHU_Ag_4902	FASGDFNQVVLQNVTK	AGAP010298-PA	-	118	2.15E-11	1	1766.906	-0.68	Male reproductive organs	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_6723	LAGAHKGHGLLK	AGAP010298-PA	-	68	4.80E-07	1	1201.717	0.73	Malpighian tubule	3R:+:52656042-52656077	exon=> In CDS Exon 2 of transcript AGAP010298-PA
JHU_Ag_8362	EAAFSLAEAK	AGAP010298-PA	-	41	0.001038332	1	1036.532	1.41	Head	3R:+:52656240-52656269	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_9188	SQANILDEGDDDILF	AGAP010298-PA	-	37	0.002261591	1	1664.764	-0.89	Salivary gland	3R:+:52656893-52656937	exon=> In CDS Exon 5 of transcript AGAP010298-PA
JHU_Ag_9754	KDNVAGVTLPVFESYQDGSDTYELTGLAK	AGAP010298-PA	-	96	3.29E-09	1	3117.536	3.12	Malpighian tubule	3R:+:52656342-52656428	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_11359	AALLQEGIDVR	AGAP010298-PA	-	80	8.99E-08	1	1184.664	0.06	Male reproductive organs	3R:+:52656860-52656892	exon=> In CDS Exon 5 of transcript AGAP010298-PA
JHU_Ag_12414	FASGDFNQVVLQNVTK	AGAP010298-PA	-	138	2.41E-13	1	1766.917	5.61	Salivary gland	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_13876	TLAYIISELDELER	AGAP010298-PA	-	57	2.18E-05	2	1664.882	4.68	Pupa	3R:+:52656664-52656705	exon=> In CDS Exon 4 of transcript AGAP010298-PA
JHU_Ag_15817	KADALQMR	AGAP010298-PA	M7(Oxidation)	54	6.84E-05	1	932.500	1.9	Malpighian tubule	3R:+:52656081-52656104	exon=> In CDS Exon 2 of transcript AGAP010298-PA

JHU_Ag_18332	FASGDFNQVVLQNVTK	AGAP010298-PA	-	141	1.01E-13	1	1766.914	3.88	Malpighian tubule	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_19951	RAALLQEGIDVR	AGAP010298-PA	-	58	7.03E-06	1	1340.767	1.94	Malpighian tubule	3R:+:52656857-52656892	exon=> In CDS Exon 5 of transcript AGAP010298-PA
JHU_Ag_21829	DRIPIFPSR	AGAP010298-PA	-	41	0.001093 49	2	1100.619	-1.57	Head	3R:+:52655905-52655931	exon=> In CDS Exon 1 of transcript AGAP010298-PA
JHU_Ag_31730	FASGDFNQVVLQNVTK	AGAP010298-PA	-	62	8.49E-06	1	1766.908	0.36	Midgut	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_35269	AQIKIR	AGAP010298-PA	-	35	0.000842 167	2	728.479	1.17	Malpighian tubule	3R:+:52656318-52656335	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_40561	TLMGEVMKEAAFSLAEAK	AGAP010298-PA	M3(Oxidation), M7(Oxidation)	103	6.11E-10	1	1925.979	3.81	Malpighian tubule	3R:+:52656216-52656269	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_43951	RVNAIEHVIIPR	AGAP010298-PA	-	33	0.000696 773	1	1416.846	1.53	Salivary gland	3R:+:52656552-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_44730	AALLQEGIDVR	AGAP010298-PA	-	96	2.05E-09	1	1184.667	2.74	Malpighian tubule	3R:+:52656860-52656892	exon=> In CDS Exon 5 of transcript AGAP010298-PA
JHU_Ag_49495	GHGLLKK	AGAP010298-PA	-	35	0.000336 278	2	752.481	3.89	Malpighian tubule	3R:+:52656060-52656080	exon=> In CDS Exon 2 of transcript AGAP010298-PA
JHU_Ag_50615	RVNAIEHVIIPR	AGAP010298-PA	N3(Deamidated)	79	1.69E-08	1	1416.846	1.79	Malpighian tubule	3R:+:52656552-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_50770	TLAYIISELDELEREEFYR	AGAP010298-PA	-	56	3.80E-05	1	2389.207	6.17	Salivary gland	3R:+:52656664-52656720	exon=> In CDS Exon 4 of transcript AGAP010298-PA
JHU_Ag_51782	RVNAIEHVIIPR	AGAP010298-PA	-	75	4.34E-08	1	1416.849	4.11	Head	3R:+:52656552-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_54219	AALLQEGIDVR	AGAP010298-PA	-	81	7.37E-08	2	1184.665	1.4	Salivary gland	3R:+:52656860-52656892	exon=> In CDS Exon 5 of transcript AGAP010298-PA
JHU_Ag_55521	TLAYIISELDELER	AGAP010298-PA	-	78	1.75E-07	2	1664.874	-0.23	Midgut	3R:+:52656664-52656705	exon=> In CDS Exon 4 of transcript AGAP010298-PA
JHU_Ag_57014	RVNAIEHVIIPR	AGAP010298-PA	-	27	0.002840 325	1	1416.846	1.93	Larva	3R:+:52656552-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_59315	TLAYIISELDELEREEFYR	AGAP010298-PA	-	102	8.51E-10	1	2389.193	0.27	Midgut	3R:+:52656664-52656720	exon=> In CDS Exon 4 of transcript AGAP010298-PA
JHU_Ag_61998	VNAIEHVIIPR	AGAP010298-PA	-	89	4.44E-09	1	1260.741	-1.34	Midgut	3R:+:52656555-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_63483	AALLQEGIDVR	AGAP010298-PA	-	66	2.28E-06	2	1184.664	0.57	Visceras	3R:+:52656860-52656892	exon=> In CDS Exon 5 of transcript AGAP010298-PA
JHU_Ag_64795	TLMGEVMKEAAFSLAEAK	AGAP010298-PA	M3(Oxidation), M7(Oxidation)	74	6.50E-07	1	1957.958	-1.41	Salivary gland	3R:+:52656216-52656269	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_64898	VNAIEHVIIPR	AGAP010298-PA	-	47	6.36E-05	2	1260.747	3.98	Larva	3R:+:52656555-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_66807	GHGLLKK	AGAP010298-PA	-	35	0.000348 897	2	752.478	0.08	Male reproductive organs	3R:+:52656060-52656080	exon=> In CDS Exon 2 of transcript AGAP010298-PA
JHU_Ag_68595	LLVELASLQTSFVTLDEVIK	AGAP010298-PA	-	46	2.77E-05	2	2218.269	4.81	Malpighian tubule	3R:+:52656480-52656539	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_71854	DRIPIFPSR	AGAP010298-PA	-	53	7.60E-05	1	1100.621	-0.02	Malpighian tubule	3R:+:52655905-52655931	exon=> In CDS Exon 1 of transcript AGAP010298-PA
JHU_Ag_76948	TLAYIISELDELER	AGAP010298-PA	-	121	7.82E-12	2	1664.880	3.66	Malpighian tubule	3R:+:52656664-52656705	exon=> In CDS Exon 4 of transcript AGAP010298-PA
JHU_Ag_78465	FASGDFNQVVLQNVTK	AGAP010298-PA	-	139	1.73E-13	2	1766.913	3.12	Pupa	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA

JHU_Ag_80053	VNAIEHVIIPR	AGAP010298-PA	-	64	1.25E-06	1	1260.743	0.59	Head	3R:+:52656555-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_82252	EAAFSLAEAK	AGAP010298-PA	-	48	0.000217192	2	1036.531	-0.19	Salivary gland	3R:+:52656240-52656269	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_83156	VNAIEHVIIPR	AGAP010298-PA	-	80	3.66E-08	1	1260.741	-0.99	Male reproductive organs	3R:+:52656555-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_83477	DRIPIFPSR	AGAP010298-PA	-	40	0.001551897	1	1100.622	0.76	Salivary gland	3R:+:52655905-52655931	exon=> In CDS Exon 1 of transcript AGAP010298-PA
JHU_Ag_84806	FASGDFNQVVLQNVTK	AGAP010298-PA	-	44	0.000564431	2	1766.917	5.47	Larva	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_91912	ADALQMR	AGAP010298-PA	-	47	0.000471284	2	804.405	1.98	Malpighian tubule	3R:+:52656084-52656104	exon=> In CDS Exon 2 of transcript AGAP010298-PA
JHU_Ag_92356	IIETK	AGAP010298-PA	-	34	0.002001492	1	603.373	2.71	Malpighian tubule	3R:+:52656126-52656134,52656210-52656215	exon=> In CDS Exon 2 and 3 of transcript AGAP010298-PA
JHU_Ag_92634	SQANILDEGDDDILF	AGAP010298-PA	-	66	2.53E-06	2	1664.770	2.78	Malpighian tubule	3R:+:52656893-52656937	exon=> In CDS Exon 5 of transcript AGAP010298-PA
JHU_Ag_95569	VNAIEHVIIPR	AGAP010298-PA	-	89	3.71E-09	1	1260.743	0.21	Salivary gland	3R:+:52656555-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_98315	GHGLLK	AGAP010298-PA	-	35	0.000618404	1	624.383	0.31	Salivary gland	3R:+:52656060-52656077	exon=> In CDS Exon 2 of transcript AGAP010298-PA
JHU_Ag_98906	FASGDFNQVVLQNVTK	AGAP010298-PA	-	104	5.29E-10	1	1766.922	8.51	Ovary	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_99221	RVNAIEHVIIPR	AGAP010298-PA	-	79	2.33E-08	1	1416.845	1.1	Ovary	3R:+:52656552-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_99265	DRIPIFPSR	AGAP010298-PA	-	37	0.002449923	1	1100.622	1.09	Male reproductive organs	3R:+:52655905-52655931	exon=> In CDS Exon 1 of transcript AGAP010298-PA
JHU_Ag_101013	VNAIEHVIIPR	AGAP010298-PA	N2(Deamidated)	89	4.09E-09	1	1260.745	2.34	Malpighian tubule	3R:+:52656555-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_102584	DNVAGVTLPVFESYQDGSDTYELTGLAK	AGAP010298-PA	-	150	1.33E-14	1	2989.444	4.25	Malpighian tubule	3R:+:52656345-52656428	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_107198	EAAFSLAEAK	AGAP010298-PA	-	58	2.69E-05	2	1036.531	0.16	Malpighian tubule	3R:+:52656240-52656269	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_111819	FASGDFNQVVLQNVTK	AGAP010298-PA	-	131	1.08E-12	1	1766.913	3.26	Head	3R:+:52656270-52656317	exon=> In CDS Exon 3 of transcript AGAP010298-PA
JHU_Ag_114091	TLAYIISELDELEREEFYR	AGAP010298-PA	-	90	1.44E-08	1	2389.198	2.26	Ovary	3R:+:52656664-52656720	exon=> In CDS Exon 4 of transcript AGAP010298-PA
JHU_Ag_114453	RVNAIEHVIIPR	AGAP010298-PA	-	64	7.22E-07	2	1416.844	0.32	Male reproductive organs	3R:+:52656552-52656573,52656641-52656654	exon=> In CDS Exon 3 and 4 of transcript AGAP010298-PA
JHU_Ag_46242	KPTPNEPFFIYHVNEGIK	AGAP010303-PA	-	106	2.92E-10	1	2130.103	0.7	Head	3R:-:52936926-52936873	exon=> In CDS Exon 3 of transcript AGAP010303-PA
JHU_Ag_79493	YTNCVACSSLVLER	AGAP010303-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	47	0.000325706	2	1671.788	3.1	Malpighian tubule	3R:-:52904145-52904104	exon=> In CDS Exon 10 of transcript AGAP010303-PA
JHU_Ag_18893	LSGNNTEELENLQELEK	AGAP010304-PA	-	80	1.88E-07	2	1959.957	3.47	Head	3R:+:52995283-52995333	exon=> In CDS Exon 3 of transcript AGAP010304-PA
JHU_Ag_30936	LNLFDK	AGAP010304-PA	-	43	0.000355786	2	749.419	-0.18	Salivary gland	3R:+:52995364-52995381	exon=> In CDS Exon 3 of transcript AGAP010304-PA
JHU_Ag_46877	FFGATLIGK	AGAP010304-PA	-	51	5.18E-05	2	953.546	0.05	Salivary gland	3R:+:52995582-52995608	exon=> In CDS Exon 4 of transcript AGAP010304-PA

JHU_Ag_75831	LSGNNTEELENLQELEK	AGAP010304-PA	-	135	5.12E-13	1	1959.951	0.36	Midgut	3R:+:52995283-52995333	exon=> In CDS Exon 3 of transcript AGAP010304-PA
JHU_Ag_69462	IHHGHVGPVTSVDYAPTGR	AGAP010305-PA	-	95	4.80E-09	1	2000.017	3.84	Ovary	3R:+:53005852-53005908	exon=> In CDS Exon 1 of transcript AGAP010305-PA
JHU_Ag_5844	QHLIPLEEVQLQALEDNGQYR	AGAP010307-PA	-	107	2.28E-10	1	2493.283	3.68	Head	3R:-:53086706-53086918,53085300-53085418	exon=> In CDS Exon 3 and 2 of transcript AGAP010307-PA
JHU_Ag_8072	DNVTHDEPK	AGAP010307-PA	-	62	4.73E-06	2	1054.480	0.35	Head	3R:-:53083654-53083747,53072347-53072377	exon=> In CDS Exon 7 and 6 of transcript AGAP010307-PA
JHU_Ag_23087	VDKLVNSEANAR	AGAP010307-PA	N-Term(Acetyl)	72	6.66E-07	1	1357.710	1.88	Malpighian tubule	3R:-:53087441-53087444,53086652-53086896	exon=> In CDS Exon 2 and 1 of transcript AGAP010307-PA
JHU_Ag_33196	QHLIPLEEVQLQALEDNGQYR	AGAP010307-PA	-	93	6.02E-09	1	2493.275	0.6	Ovary	3R:-:53086706-53086918,53085300-53085418	exon=> In CDS Exon 3 and 2 of transcript AGAP010307-PA
JHU_Ag_35508	VLVGEGVLTK	AGAP010307-PA	-	60	4.83E-06	1	1014.619	0.06	Ovary	3R:-:53086832-53086803	exon=> In CDS Exon 2 of transcript AGAP010307-PA
JHU_Ag_72700	DNVTHDEPK	AGAP010307-PA	-	36	0.001941584	2	1054.479	-0.8	Malpighian tubule	3R:-:53083654-53083747,53072347-53072377	exon=> In CDS Exon 7 and 6 of transcript AGAP010307-PA
JHU_Ag_7724	LLTYYKQLLK	AGAP010308-PA	Q7(Deamidated)	39	0.000422196	1	1283.774	10.12	Ovary	3R:+:53092207-53092236	exon=> In CDS Exon 3 of transcript AGAP010308-PA
JHU_Ag_26012	DGSINFLPVRK	AGAP010308-PA	-	51	7.89E-05	1	1245.697	1.32	Ovary	3R:+:53091964-53091996	exon=> In CDS Exon 2 of transcript AGAP010308-PA
JHU_Ag_26282	TLDVILFKR	AGAP010308-PA	-	30	0.002524542	2	1104.676	-1.06	Ovary	3R:+:53093249-53093275	exon=> In CDS Exon 5 of transcript AGAP010308-PA
JHU_Ag_55256	DGSINFLPVR	AGAP010308-PA	-	40	0.001463931	1	1117.601	0.81	Ovary	3R:+:53091964-53091993	exon=> In CDS Exon 2 of transcript AGAP010308-PA
JHU_Ag_113781	IENIGVLLDLLNEVNR	AGAP010308-PA	-	71	2.64E-07	1	1824.033	5.95	Ovary	3R:+:53091916-53091963	exon=> In CDS Exon 2 of transcript AGAP010308-PA
JHU_Ag_117785	QFFIGTTCAAILENPEAR	AGAP010308-PA	C8(Carbamidomethyl)	41	0.001279881	2	2038.003	-1.41	Ovary	3R:+:53091862-53091915	exon=> In CDS Exon 2 of transcript AGAP010308-PA
JHU_Ag_82	NHASATSTTVLHLTPEQEK	AGAP010310-PA	-	86	3.79E-08	1	2064.041	2.48	Malpighian tubule	3L:-:80988-80932	exon=> In CDS Exon 5 of transcript AGAP010310-PA
JHU_Ag_4384	GNGTSMISLIIPPKDQISR	AGAP010310-PA	-	32	0.004143244	1	2027.104	4.22	Malpighian tubule	3L:-:82186-82270,81714-82059	exon=> In CDS Exon 2 and 1 of transcript AGAP010310-PA
JHU_Ag_4665	GFGGIGGILR	AGAP010310-PA	-	62	4.85E-06	1	946.546	-1.05	Ovary	3L:-:80705-80834,66666-66738	exon=> In CDS Exon 7 and 6 of transcript AGAP010310-PA
JHU_Ag_11366	YFDEISQDTGK	AGAP010310-PA	-	50	7.30E-05	1	1302.585	0.19	Male reproductive organs	3L:-:81188-81323,80905-81091	exon=> In CDS Exon 5 and 4 of transcript AGAP010310-PA
JHU_Ag_11737	SFDETSADR	AGAP010310-PA	N-Term(Acetyl)	65	1.31E-06	2	1069.444	0.55	Ovary	3L:-:82267-82241	exon=> In CDS Exon 1 of transcript AGAP010310-PA
JHU_Ag_12005	YCFGVEDTLK	AGAP010310-PA	C2(Carbamidomethyl)	41	0.000570288	1	1231.568	1.04	Ovary	3L:-:81090-81061	exon=> In CDS Exon 5 of transcript AGAP010310-PA
JHU_Ag_18373	FHTEALTALLADDNK	AGAP010310-PA	-	104	5.32E-10	1	1658.841	1.43	Midgut	3L:-:81809-81765	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_21697	FTVDLPK	AGAP010310-PA	-	43	0.000514049	1	819.461	-0.02	Male reproductive organs	3L:-:81606-81586	exon=> In CDS Exon 3 of transcript AGAP010310-PA
JHU_Ag_23859	LVDVSYGGENGFNQAIELAAESLQNVK	AGAP010310-PA	N10(Deamidated)	135	3.78E-13	1	2865.433	2.23	Ovary	3L:-:81299-81219	exon=> In CDS Exon 4 of transcript AGAP010310-PA
JHU_Ag_25280	SFDETSADRNVEIWK	AGAP010310-PA	N-Term(Acetyl)	97	2.82E-09	1	1838.857	0.81	Malpighian tubule	3L:-:82267-82223	exon=> In CDS Exon 1 of transcript AGAP010310-PA

JHU_Ag_25575	YFDEISQDTGK	AGAP010310-PA	-	51	6.26E-05	1	1302.585	0	Malpighian tubule	3L:-:81188-81323,80905-81091	exon=> In CDS Exon 5 and 4 of transcript AGAP010310-PA
JHU_Ag_27648	LSVLGAITSVQHR	AGAP010310-PA	-	102	1.69E-10	1	1380.797	0.97	Head	3L:-:81995-81957	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_30459	FGFIVMDGNGALFGTLQGNTR	AGAP010310-PA	M6(Oxidation)	133	7.53E-13	1	2231.093	0.54	Ovary	3L:-:81764-82113,81388-81622	exon=> In CDS Exon 3 and 2 of transcript AGAP010310-PA
JHU_Ag_31590	LVDVSYGGENGFNQAIELAAESLQNVK	AGAP010310-PA	-	43	0.000610924	1	2865.431	1.53	Malpighian tubule	3L:-:81299-81219	exon=> In CDS Exon 4 of transcript AGAP010310-PA
JHU_Ag_33816	LSVLGAITSVQHR	AGAP010310-PA	-	96	6.55E-10	1	1380.796	0.44	Ovary	3L:-:81995-81957	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_36379	GFGGIGGILR	AGAP010310-PA	-	46	0.000164431	2	946.548	1.33	Head	3L:-:80705-80834,66666-66738	exon=> In CDS Exon 7 and 6 of transcript AGAP010310-PA
JHU_Ag_40804	FHTEALTALLADDNK	AGAP010310-PA	-	86	3.81E-08	2	1658.845	3.78	Head	3L:-:81809-81765	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_42770	FTVDLPK	AGAP010310-PA	-	43	0.000504667	1	819.462	0.58	Salivary gland	3L:-:81606-81586	exon=> In CDS Exon 3 of transcript AGAP010310-PA
JHU_Ag_42988	TELSQSDMFDPR	AGAP010310-PA	M8(Oxidation)	52	4.07E-05	2	1441.628	0.89	Salivary gland	3L:-:81420-81633,81168-81321	exon=> In CDS Exon 4 and 3 of transcript AGAP010310-PA
JHU_Ag_45310	YFDEISQDTGK	AGAP010310-PA	-	58	1.37E-05	2	1302.585	-0.18	Salivary gland	3L:-:81188-81323,80905-81091	exon=> In CDS Exon 5 and 4 of transcript AGAP010310-PA
JHU_Ag_45933	SQEGSQFVR	AGAP010310-PA	-	58	2.01E-05	1	1037.499	-1.95	Ovary	3L:-:80732-80706	exon=> In CDS Exon 6 of transcript AGAP010310-PA
JHU_Ag_55612	TELSQSDMFDPR	AGAP010310-PA	M8(Oxidation)	41	0.000534286	2	1441.627	0.12	Midgut	3L:-:81420-81633,81168-81321	exon=> In CDS Exon 4 and 3 of transcript AGAP010310-PA
JHU_Ag_56474	NHASATSTTVLHLTPEQEK	AGAP010310-PA	-	113	7.28E-11	1	2064.041	2.6	Head	3L:-:80988-80932	exon=> In CDS Exon 5 of transcript AGAP010310-PA
JHU_Ag_58400	GFGGIGGILR	AGAP010310-PA	-	59	9.75E-06	1	946.548	1.53	Malpighian tubule	3L:-:80705-80834,66666-66738	exon=> In CDS Exon 7 and 6 of transcript AGAP010310-PA
JHU_Ag_60363	LSVLGAITSVQHR	AGAP010310-PA	-	33	0.001396877	1	1380.796	0.4	Pupa	3L:-:81995-81957	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_61546	LSVLGAITSVQHR	AGAP010310-PA	-	106	6.72E-11	1	1380.797	1.06	Salivary gland	3L:-:81995-81957	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_61886	LVDVSYGGENGFNQAIELAAESLQNVK	AGAP010310-PA	-	119	1.55E-11	1	2865.428	0.32	Salivary gland	3L:-:81299-81219	exon=> In CDS Exon 4 of transcript AGAP010310-PA
JHU_Ag_62673	NHASATSTTVLHLTPEQEK	AGAP010310-PA	-	51	0.000123677	1	2064.035	-0.54	Salivary gland	3L:-:80988-80932	exon=> In CDS Exon 5 of transcript AGAP010310-PA
JHU_Ag_78849	GFGGIGGILR	AGAP010310-PA	-	44	0.00028336	2	946.547	-0.08	Midgut	3L:-:80705-80834,66666-66738	exon=> In CDS Exon 7 and 6 of transcript AGAP010310-PA
JHU_Ag_79335	GFGGIGGILR	AGAP010310-PA	-	58	1.14E-05	1	946.547	0.43	Salivary gland	3L:-:80705-80834,66666-66738	exon=> In CDS Exon 7 and 6 of transcript AGAP010310-PA
JHU_Ag_80320	LSVLGAITSVQHR	AGAP010310-PA	-	111	2.09E-11	1	1380.796	0.26	Male reproductive organs	3L:-:81995-81957	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_81838	GFGGIGGILR	AGAP010310-PA	-	51	5.82E-05	2	946.546	-0.66	Male reproductive organs	3L:-:80705-80834,66666-66738	exon=> In CDS Exon 7 and 6 of transcript AGAP010310-PA
JHU_Ag_82537	SFDETSADRNVEIWK	AGAP010310-PA	N-Term(Acetyl)	75	4.36E-07	1	1838.859	1.74	Male reproductive organs	3L:-:82267-82223	exon=> In CDS Exon 1 of transcript AGAP010310-PA

JHU_Ag_82810	FTVDLPK	AGAP010310-PA	-	43	0.000532114	1	819.462	1.32	Ovary	3L:-:81606-81586	exon=> In CDS Exon 3 of transcript AGAP010310-PA
JHU_Ag_83441	VPPNGLVIYCGTIVTEEGKEK	AGAP010310-PA	C10(Carbamidomethyl)	48	0.000141327	1	2303.205	4.04	Malpighian tubule	3L:-:81938-81876	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_86113	CFGATLEIITDK	AGAP010310-PA	C1(Carbamidomethyl)	92	1.06E-08	1	1367.687	-0.21	Ovary	3L:-:80768-80733	exon=> In CDS Exon 6 of transcript AGAP010310-PA
JHU_Ag_88704	FHTEALTALLADDNK	AGAP010310-PA	-	119	1.78E-11	1	1658.845	3.86	Malpighian tubule	3L:-:81809-81765	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_89879	SFDETSADRNVEIWK	AGAP010310-PA	N-Term(Acetyl)	57	2.98E-05	2	1838.858	1.07	Salivary gland	3L:-:82267-82223	exon=> In CDS Exon 1 of transcript AGAP010310-PA
JHU_Ag_99121	LSVLGAITSVQHR	AGAP010310-PA	-	106	8.35E-11	1	1380.795	-0.71	Midgut	3L:-:81995-81957	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_100372	NHASATSTTVLHLTPEQEKDK	AGAP010310-PA	-	134	5.76E-13	1	2307.157	-0.21	Ovary	3L:-:80988-80926	exon=> In CDS Exon 5 of transcript AGAP010310-PA
JHU_Ag_100660	SFDETSADR	AGAP010310-PA	N-Term(Acetyl)	39	0.0004806	1	1069.440	-3.15	Salivary gland	3L:-:82267-82241	exon=> In CDS Exon 1 of transcript AGAP010310-PA
JHU_Ag_102687	YFDEISQDTGK	AGAP010310-PA	-	71	5.70E-07	1	1302.587	1.41	Ovary	3L:-:81188-81323,80905-81091	exon=> In CDS Exon 5 and 4 of transcript AGAP010310-PA
JHU_Ag_103281	NHASATSTTVLHLTPEQEK	AGAP010310-PA	-	136	3.64E-13	1	2064.049	6.39	Ovary	3L:-:80988-80932	exon=> In CDS Exon 5 of transcript AGAP010310-PA
JHU_Ag_103536	YFDEISQDTGK	AGAP010310-PA	-	77	1.67E-07	1	1302.585	-0.18	Midgut	3L:-:81188-81323,80905-81091	exon=> In CDS Exon 5 and 4 of transcript AGAP010310-PA
JHU_Ag_103962	VNIDFEPFKPINTSLYLCDNK	AGAP010310-PA	C18(Carbamidomethyl)	134	6.78E-13	1	2527.255	0.31	Ovary	3L:-:81872-81810	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_110780	LSVLGAITSVQHR	AGAP010310-PA	-	88	4.43E-09	1	1380.798	1.32	Malpighian tubule	3L:-:81995-81957	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_110915	KVNIDFEPFKPINTSLYLCDNK	AGAP010310-PA	C19(Carbamidomethyl)	120	1.14E-11	1	2655.361	4.55	Ovary	3L:-:81875-81810	exon=> In CDS Exon 2 of transcript AGAP010310-PA
JHU_Ag_115053	SFDETSADRNVEIWK	AGAP010310-PA	N-Term(Acetyl)	82	8.91E-08	1	1838.862	3.66	Ovary	3L:-:82267-82223	exon=> In CDS Exon 1 of transcript AGAP010310-PA
JHU_Ag_48425	FHPSGDAISTGSDDSTCR	AGAP010318-PA,AGAP012525-PA	C17(Carbamidomethyl)	36	0.001163477	3	1909.797	-0.44	Head	3L:-:427377-427741,427005-427263;UNKN:-:10943697-10944061,10943322-10943583	exon=> In CDS Exon 3 and 2 of transcript AGAP010318-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012525-PA
JHU_Ag_81382	VTVYPITLEEDISSR	AGAP010318-PA,AGAP012525-PA	-	77	2.52E-07	2	1721.901	3.19	Head	3L:-:427725-427681;UNKN:-:10944045-10944001	exon=> In CDS Exon 2 of transcript AGAP010318-PA;exon=> In CDS Exon 2 of transcript AGAP012525-PA
JHU_Ag_97258	SGHVVQSFEGHQSDINSVK	AGAP010318-PA,AGAP012525-PA	-	108	2.50E-10	1	2054.992	1.47	Head	3L:-:427434-427378;UNKN:-:10943754-10943698	exon=> In CDS Exon 2 of transcript AGAP010318-PA;exon=> In CDS Exon 2 of transcript AGAP012525-PA
JHU_Ag_100024	RHIVSSSQDGK	AGAP010318-PA,AGAP012525-PA	-	40	0.001222573	2	1213.626	-2.28	Head	3L:-:427959-427927;UNKN:-:10944279-10944247	exon=> In CDS Exon 1 of transcript AGAP010318-PA;exon=> In CDS Exon 1 of transcript AGAP012525-PA
JHU_Ag_76684	YPHLAVNGILLAENGK	AGAP010320-PA	-	32	0.003453767	1	1708.938	0.1	Head	3L:-:644407-644360	exon=> In CDS Exon 1 of transcript AGAP010320-PA
JHU_Ag_7047	VGLIPLISDEVVDR	AGAP010321-PA	-	53	2.37E-05	2	1524.865	1.4	Male reproductive organs	3L:+:667120-667161	exon=> In CDS Exon 2 of transcript AGAP010321-PA
JHU_Ag_20094	VGLIPLISDEVVDR	AGAP010321-PA	-	73	2.59E-07	2	1524.864	0.2	Midgut	3L:+:667120-667161	exon=> In CDS Exon 2 of transcript AGAP010321-PA

JHU_Ag_45860	SEHTELDDDKYEADYNWELKPNK	AGAP010321-PA	-	94	3.89E-09	1	2839.288	6.45	Ovary	3L:+:667537-667567,667632-667669	exon=> In CDS Exon 2 and 3 of transcript AGAP010321-PA
JHU_Ag_93136	VGLIPLISDEVVDR	AGAP010321-PA	-	57	9.29E-06	2	1524.865	1.08	Head	3L:+:667120-667161	exon=> In CDS Exon 2 of transcript AGAP010321-PA
JHU_Ag_101851	VGLIPLISDEVVDR	AGAP010321-PA	-	70	4.68E-07	1	1524.864	0.68	Ovary	3L:+:667120-667161	exon=> In CDS Exon 2 of transcript AGAP010321-PA
JHU_Ag_112180	HRDDEDNEYGEGTDEILIIK	AGAP010321-PA	-	129	2.08E-12	1	2361.100	6.75	Ovary	3L:+:667318-667377	exon=> In CDS Exon 2 of transcript AGAP010321-PA
JHU_Ag_5409	HHDSVALK	AGAP010325-PA	-	40	0.001592649	1	906.483	4.07	Malpighian tubule	3L:-:838564-838541	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_28152	EVPIEQHNHELAALNTDKSNV	AGAP010325-PA	-	69	1.83E-06	1	2358.174	2.21	Malpighian tubule	3L:-:838288-838226	exon=> In CDS Exon 3 of transcript AGAP010325-PA
JHU_Ag_39618	EVPIEQHNHELAALNTDK	AGAP010325-PA	-	101	1.50E-09	1	2058.027	0.76	Malpighian tubule	3L:-:838288-838235	exon=> In CDS Exon 3 of transcript AGAP010325-PA
JHU_Ag_49139	LLTPASVFDVALEK	AGAP010325-PA	-	76	1.38E-07	1	1502.848	1.09	Head	3L:-:838735-838694	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_64335	LLTPASVFDVALEK	AGAP010325-PA	-	90	7.87E-09	2	1502.838	-5.73	Midgut	3L:-:838735-838694	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_64590	LLTPASVFDVALEK	AGAP010325-PA	-	79	6.45E-08	2	1502.851	2.96	Visceras	3L:-:838735-838694	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_66733	LLTPASVFDVALEK	AGAP010325-PA	-	60	4.82E-06	1	1502.851	2.72	Pupa	3L:-:838735-838694	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_76363	LLTPASVFDVALEK	AGAP010325-PA	-	45	0.000168717	2	1502.848	0.85	Salivary gland	3L:-:838735-838694	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_82155	LLTPASVFDVALEK	AGAP010325-PA	-	84	2.06E-08	1	1502.855	5.56	Larva	3L:-:838735-838694	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_84933	FGFTVGALAVAAGPYTGASMNPAR	AGAP010325-PA	M20(Oxidation)	52	8.77E-05	1	2342.171	4.6	Larva	3L:-:838540-838776,838223-838403	exon=> In CDS Exon 3 and 2 of transcript AGAP010325-PA
JHU_Ag_106173	LLTPASVFDVALEK	AGAP010325-PA	-	85	1.50E-08	1	1502.850	2.47	Malpighian tubule	3L:-:838735-838694	exon=> In CDS Exon 2 of transcript AGAP010325-PA
JHU_Ag_57677	SSYQLDYDR	AGAP010330-PA	-	45	0.000164548	2	1146.505	-0.9	Male reproductive organs	3L:-:1016788-1016762	exon=> In CDS Exon 2 of transcript AGAP010330-PA
JHU_Ag_75163	SYIISSHWPDQDWQR	AGAP010330-PA	-	94	4.94E-09	1	1917.888	-0.2	Male reproductive organs	3L:-:1016539-1016495	exon=> In CDS Exon 2 of transcript AGAP010330-PA
JHU_Ag_81394	SSYQLDYDRLPER	AGAP010330-PA	-	58	2.17E-05	1	1641.789	1.42	Male reproductive organs	3L:-:1016788-1016750	exon=> In CDS Exon 2 of transcript AGAP010330-PA
JHU_Ag_103388	FGCVYTISNIPK	AGAP010330-PA	C3(Carbamidomethyl)	73	7.26E-07	1	1398.709	0.54	Male reproductive organs	3L:-:1016575-1016540	exon=> In CDS Exon 2 of transcript AGAP010330-PA
JHU_Ag_2	KESEEPSSPTPTSNGDQQK	AGAP010331-PA	N14(Deamidated)	36	0.002432204	1	2046.916	2.83	Ovary	3L:+:1242567-1242623	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_201	AQKWYEEAR	AGAP010331-PA	-	51	0.000116015	1	1180.580	4.27	Malpighian tubule	3L:+:1251078-1251104	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_834	TQINDCVITVPSYFTNAQR	AGAP010331-PA	C6(Carbamidomethyl)	39	0.001903198	1	2227.081	0.04	Male reproductive organs	3L:+:1241408-1241464	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_977	AGGIETIANDYSLR	AGAP010331-PA	-	39	0.002246559	2	1479.746	1.71	Pupa	3L:+:1237524-1237565	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_1687	SVIGIDFGNDSSYVAVAK	AGAP010331-PA	N-Term(Acetyl)	91	1.01E-08	2	1883.939	0.15	Ovary	3L:+:1237470-1237523	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_3895	AVEQYR	AGAP010331-PA	-	39	0.001829586	1	765.391	2.34	Malpighian tubule	3L:+:1250991-1251008	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_4344	VNYLDEEHVFSPEQITAMLFTK	AGAP010331-PA	M18(Oxidation)	61	1.20E-05	1	2627.285	5.8	Salivary gland	3L:+:1241312-1241377	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_5434	SLPYHTEALQDGGIGIR	AGAP010331-PA	-	59	1.52E-05	1	1826.939	-0.54	Male reproductive organs	3L:+:1241261-1241311	exon=> In CDS Exon 2 of transcript AGAP010331-PA

JHU_Ag_5929	GIKPDANGEAQEVK	AGAP010331-PA	-	60	1.38E-05	1	1455.748	2.89	Ovary	3L:+:1242462-1242503	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_6255	NQQVTNMNNTIGNFK	AGAP010331-PA	M7(Oxidation)	83	7.96E-08	1	1738.822	2.61	Male reproductive organs	3L:+:1241165-1241209	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_6528	VFEQYHAAPFCR	AGAP010331-PA	C11(Carbamidomethyl)	69	1.86E-06	1	1524.711	3.89	Malpighian tubule	3L:+:1242324-1242359	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_7239	NALEEQVYEIR	AGAP010331-PA	-	75	6.70E-07	1	1363.687	1.49	Ovary	3L:+:1250706-1250738	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_7394	GIKPDANGEAQEVK	AGAP010331-PA	Q11(Deamidated)	41	0.001037845	2	1455.744	0.21	Male reproductive organs	3L:+:1242462-1242503	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_8925	NRCEEFNGQEQAFTDLGHAVQQTLK	AGAP010331-PA	N1(Deamidated), C3(Carbamidomethyl),C3(Carbamidomethyl),"C3(Carbamidomethyl), N7(Deamidated)"	122	9.01E-12	1	2920.373	3.05	Ovary	3L:+:1250916-1250990	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_9203	TGDANQSSPQGDESGK	AGAP010331-PA	-	84	2.21E-08	2	1577.667	-0.04	Malpighian tubule	3L:+:1242624-1242671	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_10152	ATPSFVAFAGR	AGAP010331-PA	-	39	0.001687257	1	1123.590	0.39	Head	3L:+:1237566-1237573,1241113-1241137	exon=> In CDS Exon 1 and 2 of transcript AGAP010331-PA
JHU_Ag_10686	QALLDAANISGLNVLR	AGAP010331-PA	-	30	0.003745077	1	1667.946	1.07	Pupa	3L:+:1241465-1241512	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_11100	GIKPDANGEAQEVK	AGAP010331-PA	-	67	2.48E-06	1	1455.746	1.72	Malpighian tubule	3L:+:1242462-1242503	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_11289	LKEDAFK	AGAP010331-PA	-	46	0.000265049	1	850.469	1.9	Salivary gland	3L:+:1241378-1241398	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_12865	LMNETTATALSYGFYK	AGAP010331-PA	M2(Oxidation)	136	4.48E-13	2	1809.878	2.85	Ovary	3L:+:1241513-1241560	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_14637	INNNGIITVSSATMYER	AGAP010331-PA	M14(Oxidation)	78	2.36E-07	2	1898.925	-1.26	Head	3L:+:1242516-1242566	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_15125	QDLPAPEEKPR	AGAP010331-PA	-	45	0.000428847	1	1279.663	-1.09	Head	3L:+:1241561-1241593	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_15397	AGGIETIANDYSLR	AGAP010331-PA	-	77	3.01E-07	2	1479.751	4.84	Salivary gland	3L:+:1237524-1237565	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_15966	QALLDAANISGLNVLR	AGAP010331-PA	-	114	1.68E-11	2	1667.947	1.78	Salivary gland	3L:+:1241465-1241512	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_16010	CEEFNGQEQAFTDLGHAVQQTLK	AGAP010331-PA	C1(Carbamidomethyl)	74	5.99E-07	1	2650.228	2.99	Malpighian tubule	3L:+:1250922-1250990	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_16207	AGGIETIANDYSLR	AGAP010331-PA	-	75	4.83E-07	2	1479.746	1.29	Ovary	3L:+:1237524-1237565	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_16314	LMNETTATALSYGFYKQDLPAPEEKPR	AGAP010331-PA	M2(Oxidation)	185	4.04E-18	1	3086.533	6.01	Malpighian tubule	3L:+:1241513-1241593	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_18054	SVIGIDFGNDSSYVAVAK	AGAP010331-PA	N-Term(Acetyl)	76	3.10E-07	2	1883.949	5.26	Malpighian tubule	3L:+:1237470-1237523	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_18594	GIKPDANGEAQEVKVK	AGAP010331-PA	-	78	1.15E-07	1	1682.914	3.84	Malpighian tubule	3L:+:1242462-1242509	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_18693	NALEEQVYEIREK	AGAP010331-PA	-	107	3.70E-10	1	1620.824	0.65	Ovary	3L:+:1250706-1250744	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_21258	TQINDCVITVPSYFTNAQR	AGAP010331-PA	C6(Carbamidomethyl)	66	3.79E-06	2	2227.082	0.37	Head	3L:+:1241408-1241464	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_23755	ELEETENWLYEEGESCEK	AGAP010331-PA	C16(Carbamidomethyl)	61	3.64E-06	1	2273.940	0.37	Ovary	3L:+:1250808-1250861	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_24205	NALEEQVYEIR	AGAP010331-PA	-	40	0.001738488	2	1363.688	2.12	Midgut	3L:+:1250706-1250738	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_24425	LALEEIHSVEIVGGSSR	AGAP010331-PA	-	49	0.000104348	1	1795.954	-0.58	Male reproductive organs	3L:+:1242063-1242113	exon=> In CDS Exon 3 of transcript AGAP010331-PA

JHU_Ag_25687	NQQVTNMNNTIGNFK	AGAP010331-PA	M7(Oxidation)	44	0.000607 93	1	1738.817	-0.48	Salivary gland	3L:+:1241165-1241209	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_26777	AGGIETIANDYSLR	AGAP010331-PA	-	74	6.52E-07	1	1479.745	0.55	Male reproductive organs	3L:+:1237524-1237565	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_28155	KESEEPSSPTPTSNGDQQK	AGAP010331-PA	N14(Deamidated)	87	1.78E-08	2	2046.912	1.04	Malpighian tubule	3L:+:1242567-1242623	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_29383	IQEDGALHDYIDPQDASAICR	AGAP010331-PA	C20(Carbamidomethyl)	131	1.08E-12	1	2387.104	4.57	Ovary	3L:+:1250745-1250807	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_30961	VHYEPNSIPYPDPFIGTYHVK	AGAP010331-PA	-	106	3.57E-10	1	2473.214	-1.85	Head	3L:+:1242399-1242461	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_31558	LMNETTATALSYGFYKQDLPAPEEKPR	AGAP010331-PA	M2(Oxidation)	178	2.02E-17	1	3086.518	1.19	Ovary	3L:+:1241513-1241593	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_32280	DFDLVLATHFNKEFQTK	AGAP010331-PA	-	57	2.60E-05	1	2053.042	1.3	Ovary	3L:+:1241705-1241755	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_33449	CEEFNGQEQAFTDLGHAVQQTLK	AGAP010331-PA	C1(Carbamidomethyl)	150	1.28E-14	1	2650.232	4.24	Ovary	3L:+:1250922-1250990	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_33675	NALEEQVYEIREK	AGAP010331-PA	-	98	2.69E-09	1	1620.831	4.8	Malpighian tubule	3L:+:1250706-1250744	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_34800	TQINDCVITVPSYFTNAQR	AGAP010331-PA	C6(Carbamidomethyl)	77	3.34E-07	2	2227.086	2.34	Malpighian tubule	3L:+:1241408-1241464	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_35271	NALEEQVYEIR	AGAP010331-PA	-	73	1.01E-06	2	1363.687	1.58	Head	3L:+:1250706-1250738	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_36781	LLTVHR	AGAP010331-PA	-	30	0.001134 776	2	738.464	3.1	Ovary	3L:+:1242360-1242377	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_36866	GAALQCAILSPAVR	AGAP010331-PA	C6(Carbamidomethyl)	64	2.88E-06	2	1426.788	2.85	Salivary gland	3L:+:1242198-1242239	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_36998	NALEEQVYEIR	AGAP010331-PA	-	82	1.26E-07	1	1363.688	2.12	Salivary gland	3L:+:1250706-1250738	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_38344	TQINDCVITVPSYFTNAQR	AGAP010331-PA	C6(Carbamidomethyl)	116	4.07E-11	1	2227.087	2.45	Ovary	3L:+:1241408-1241464	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_39663	CEEFNGQEQAFTDLGHAVQQTLK	AGAP010331-PA	C1(Carbamidomethyl)	45	0.000438 752	1	2650.230	3.68	Midgut	3L:+:1250922-1250990	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_39786	ATPSFVAFAGR	AGAP010331-PA	-	73	4.39E-07	2	1123.594	3.58	Malpighian tubule	3L:+:1237566-1237573,1241113-1241137	exon=> In CDS Exon 1 and 2 of transcript AGAP010331-PA
JHU_Ag_40236	LMNETTATALSYGFYK	AGAP010331-PA	M2(Oxidation)	98	2.36E-09	1	1825.870	1.2	Malpighian tubule	3L:+:1241513-1241560	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_40734	LMNETTATALSYGFYK	AGAP010331-PA	M2(Oxidation)	92	9.75E-09	2	1825.864	-2.28	Midgut	3L:+:1241513-1241560	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_40800	ATPSFVAFAGR	AGAP010331-PA	-	70	1.20E-06	2	1123.591	0.86	Male reproductive organs	3L:+:1237566-1237573,1241113-1241137	exon=> In CDS Exon 1 and 2 of transcript AGAP010331-PA
JHU_Ag_42058	NQQVTNMNNTIGNFK	AGAP010331-PA	M7(Oxidation)	130	1.52E-12	1	1738.818	-0.06	Head	3L:+:1241165-1241209	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_42732	HLIEQIFGKPASTTLNQDEAVSR	AGAP010331-PA	-	107	1.64E-10	1	2554.328	0.69	Male reproductive organs	3L:+:1242129-1242197	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_45304	GAALQCAILSPAVR	AGAP010331-PA	C6(Carbamidomethyl)	87	1.18E-08	1	1426.787	2.17	Malpighian tubule	3L:+:1242198-1242239	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_45858	KESEEPSSPTPTSNGDQQK	AGAP010331-PA	N14(Deamidated)	61	7.53E-06	1	2046.908	-0.75	Head	3L:+:1242567-1242623	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_45866	TGDANQSSPQGDESGK	AGAP010331-PA	-	88	7.24E-09	2	1577.670	1.35	Head	3L:+:1242624-1242671	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_46071	ATPSFVAFAGR	AGAP010331-PA	-	90	1.02E-08	1	1123.592	1.84	Salivary gland	3L:+:1237566-1237573,1241113-1241137	exon=> In CDS Exon 1 and 2 of transcript AGAP010331-PA

JHU_Ag_46324	VHYEPNSIPYPDPFIGTYHVK	AGAP010331-PA	-	67	3.12E-06	1	2473.213	-2.37	Male reproductive organs	3L:+:1242399-1242461	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_47615	VNYLDEEHVFSPEQITAMLFTK	AGAP010331-PA	M18(Oxidation)	123	7.04E-12	1	2627.285	5.66	Malpighian tubule	3L:+:1241312-1241377	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_48401	INNNGIITVSSATMYER	AGAP010331-PA	M14(Oxidation)	95	4.34E-09	2	1882.939	3.1	Malpighian tubule	3L:+:1242516-1242566	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_49007	GAALQCAILSPAVR	AGAP010331-PA	C6(Carbamidomethyl)	54	2.61E-05	2	1426.789	3.62	Visceras	3L:+:1242198-1242239	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_49063	NRCEEFNGQEQAFTDLGHAVQQTLK	AGAP010331-PA	C3(Carbamidomethyl)	112	9.09E-11	1	2920.378	4.61	Malpighian tubule	3L:+:1250916-1250990	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_50183	IPAIKHLIEQIFGKPASTTLNQDEAVSR	AGAP010331-PA	-	146	4.90E-15	1	3076.697	5.82	Malpighian tubule	3L:+:1242114-1242197	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_50302	NVIFVDCGHASLQVSACAFHK	AGAP010331-PA	C7(Carbamidomethyl), C17(Carbamidomethyl)	50	0.000200379	1	2360.124	-1.65	Ovary	3L:+:1241594-1241656	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_50380	GAALQCAILSPAVR	AGAP010331-PA	C6(Carbamidomethyl)	59	7.49E-06	2	1426.784	0.11	Midgut	3L:+:1242198-1242239	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_50511	SLPYHTEALQDGGIGIR	AGAP010331-PA	-	90	1.13E-08	1	1826.937	-1.66	Midgut	3L:+:1241261-1241311	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_50530	HLIEQIFGKPASTTLNQDEAVSR	AGAP010331-PA	-	166	1.72E-16	1	2554.326	0.11	Head	3L:+:1242129-1242197	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_51055	LALEEIHSVEIVGGSSR	AGAP010331-PA	-	72	4.59E-07	2	1795.968	7.1	Salivary gland	3L:+:1242063-1242113	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_51214	VNYLDEEHVFSPEQITAMLFTK	AGAP010331-PA	M18(Oxidation)	105	4.58E-10	1	2627.269	-0.47	Male reproductive organs	3L:+:1241312-1241377	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_53253	VHYEPNSIPYPDPFIGTYHVK	AGAP010331-PA	N6(Deamidated)	71	1.07E-06	1	2474.209	2.51	Ovary	3L:+:1242399-1242461	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_54076	TGDANQSSPQGDESGK	AGAP010331-PA	-	87	9.92E-09	2	1577.669	1.12	Salivary gland	3L:+:1242624-1242671	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_54350	ELEETENWLYEEGESCEK	AGAP010331-PA	C16(Carbamidomethyl)	41	0.000442887	2	2273.947	3.37	Salivary gland	3L:+:1250808-1250861	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_55273	VFEQYHAAPFCR	AGAP010331-PA	C11(Carbamidomethyl)	76	2.87E-07	1	1524.707	0.93	Ovary	3L:+:1242324-1242359	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_56342	NQQVTNMNNTIGNFK	AGAP010331-PA	M7(Oxidation)	92	1.04E-08	2	1738.820	0.99	Malpighian tubule	3L:+:1241165-1241209	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_56613	GIKPDANGEAQEVK	AGAP010331-PA	-	84	4.83E-08	1	1455.747	2.14	Head	3L:+:1242462-1242503	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_56907	YEHLTETEMINITEAAQK	AGAP010331-PA	M9(Oxidation)	117	3.25E-11	1	2121.019	1.06	Ovary	3L:+:1251024-1251077	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_58205	VNYLDEEHVFSPEQITAMLFTK	AGAP010331-PA	M18(Oxidation)	140	1.58E-13	1	2627.279	3.29	Ovary	3L:+:1241312-1241377	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_58377	VHYEPNSIPYPDPFIGTYHVK	AGAP010331-PA	-	38	0.001967447	1	2473.226	2.96	Salivary gland	3L:+:1242399-1242461	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_59149	SLPYHTEALQDGGIGIR	AGAP010331-PA	-	107	2.35E-10	1	1826.942	1.48	Ovary	3L:+:1241261-1241311	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_60760	TQINDCVITVPSYFTNAQR	AGAP010331-PA	C6(Carbamidomethyl)	54	5.83E-05	2	2227.089	3.43	Salivary gland	3L:+:1241408-1241464	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_61944	QALLDAANISGLNVLR	AGAP010331-PA	-	61	2.91E-06	2	1667.951	4.19	Visceras	3L:+:1241465-1241512	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_62347	IQEDGALHDYIDPQDASAICR	AGAP010331-PA	C20(Carbamidomethyl)	70	1.25E-06	1	2387.092	-0.57	Male reproductive organs	3L:+:1250745-1250807	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_62829	YEHLTETEMINITEAAQK	AGAP010331-PA	M9(Oxidation)	120	1.77E-11	1	2137.011	-0.19	Malpighian tubule	3L:+:1251024-1251077	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_63177	NQQVTNMNNTIGNFKELLGR	AGAP010331-PA	M7(Oxidation)	72	8.84E-07	1	2291.158	0.89	Ovary	3L:+:1241165-1241224	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_65202	AKIDPVR	AGAP010331-PA	-	37	0.000810558	1	798.484	1.53	Malpighian tubule	3L:+:1250895-1250915	exon=> In CDS Exon 5 of transcript AGAP010331-PA

JHU_Ag_66508	HLIEQIFGKPASTTLNQDEAVSR	AGAP010331-PA	-	157	1.21E-15	1	2554.337	4.27	Malpighian tubule	3L:+:1242129-1242197	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_67811	VNYLDEEHVFSPEQITAMLFTK	AGAP010331-PA	M18(Oxidation)	114	5.67E-11	1	2627.272	0.92	Head	3L:+:1241312-1241377	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_68151	VFEQYHAAPFCR	AGAP010331-PA	C11(Carbamidomethyl)	61	1.04E-05	1	1524.702	-2.11	Head	3L:+:1242324-1242359	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_68697	INNNGIITVSSATMYER	AGAP010331-PA	M14(Oxidation)	56	4.35E-05	2	1898.934	3.5	Salivary gland	3L:+:1242516-1242566	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_69528	MLASCSDSVGGR	AGAP010331-PA	M1(Oxidation), C5(Carbamidomethyl)	66	1.63E-06	2	1255.544	2.98	Ovary	3L:+:1241669-1241704	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_71311	QALLDAANISGLNVLR	AGAP010331-PA	-	141	3.24E-14	1	1667.944	0.17	Malpighian tubule	3L:+:1241465-1241512	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_72535	AGGIETIANDYSLR	AGAP010331-PA	-	97	3.49E-09	1	1479.745	0.8	Malpighian tubule	3L:+:1237524-1237565	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_73590	SLPYHTEALQDGGIGIR	AGAP010331-PA	-	54	5.37E-05	1	1826.941	0.97	Salivary gland	3L:+:1241261-1241311	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_73601	LLTVHR	AGAP010331-PA	-	37	0.000258173	2	738.463	1.04	Malpighian tubule	3L:+:1242360-1242377	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_74282	NALEEQVYEIR	AGAP010331-PA	-	63	9.43E-06	1	1363.685	-0.39	Male reproductive organs	3L:+:1250706-1250738	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_74448	GAALQCAILSPAVR	AGAP010331-PA	C6(Carbamidomethyl)	67	1.29E-06	2	1426.783	-0.06	Ovary	3L:+:1242198-1242239	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_75424	NALEEQVYEIR	AGAP010331-PA	-	75	5.27E-07	1	1363.685	0.06	Malpighian tubule	3L:+:1250706-1250738	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_76114	YEHLTETEMINITEAAQK	AGAP010331-PA	M9(Oxidation)	79	1.90E-07	1	2137.019	3.49	Salivary gland	3L:+:1251024-1251077	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_76368	SLPYHTEALQDGGIGIR	AGAP010331-PA	-	116	3.05E-11	1	1826.948	4.62	Malpighian tubule	3L:+:1241261-1241311	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_76809	LALEEIHSVEIVGGSSR	AGAP010331-PA	-	85	2.55E-08	1	1795.958	1.53	Ovary	3L:+:1242063-1242113	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_77317	VGEPMDIQEDK	AGAP010331-PA	M5(Oxidation)	49	0.000107986	1	1276.569	-2.93	Head	3L:+:1242672-1242698,1250398-1250403	exon=> In CDS Exon 3 and 4 of transcript AGAP010331-PA
JHU_Ag_79401	LLLDSKLALEEIHSVEIVGGSSR	AGAP010331-PA	-	135	7.00E-14	1	2465.373	4.69	Malpighian tubule	3L:+:1242045-1242113	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_81386	QALLDAANISGLNVLR	AGAP010331-PA	-	132	2.23E-13	2	1667.954	5.73	Ovary	3L:+:1241465-1241512	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_82047	VFEQYHAAPFCR	AGAP010331-PA	C11(Carbamidomethyl)	81	8.74E-08	1	1524.705	-0.19	Male reproductive organs	3L:+:1242324-1242359	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_82650	IQEDGALHDYIDPQDASAICR	AGAP010331-PA	C20(Carbamidomethyl)	94	5.30E-09	1	2387.104	4.42	Malpighian tubule	3L:+:1250745-1250807	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_83267	NMSANSTKLPLNIECFMNEIDVHSSMQR	AGAP010331-PA	M2(Oxidation), C15(Carbamidomethyl), M26(Oxidation),"M2(Oxidation), C15(Carbamidomethyl), M17(Oxidation)"	48	0.000156001	1	3298.505	2.56	Ovary	3L:+:1241901-1241984	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_84304	INNNGIITVSSATMYER	AGAP010331-PA	M14(Oxidation)	97	2.97E-09	2	1882.932	-0.27	Ovary	3L:+:1242516-1242566	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_84341	LMNETTATALSYGFYK	AGAP010331-PA	M2(Oxidation)	117	3.43E-11	2	1825.877	4.94	Salivary gland	3L:+:1241513-1241560	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_85326	NRVLGVAAK	AGAP010331-PA	-	34	0.001445666	1	927.576	3.02	Malpighian tubule	3L:+:1241138-1241164	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_88284	LLLDSKLALEEIHSVEIVGGSSR	AGAP010331-PA	-	175	7.86E-18	1	2465.364	1.2	Ovary	3L:+:1242045-1242113	exon=> In CDS Exon 3 of transcript AGAP010331-PA

JHU_Ag_89940	GAALQCAILSPAVR	AGAP010331-PA	C6(Carbamidomethyl)	83	3.36E-08	1	1426.784	0.46	Head	3L:+:1242198-1242239	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_90263	EFQTKYK	AGAP010331-PA	Q3(Deamidated)	32	0.005219736	1	944.475	2.72	Malpighian tubule	3L:+:1241741-1241761	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_90511	CEEFNGQEQAFTDLGHAVQQTLK	AGAP010331-PA	C1(Carbamidomethyl)	104	5.48E-10	1	2650.219	-0.46	Head	3L:+:1250922-1250990	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_91820	ELEETENWLYEEGESCEK	AGAP010331-PA	C16(Carbamidomethyl)	88	7.97E-09	2	2273.932	-3.18	Head	3L:+:1250808-1250861	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_91863	VHYEPNSIPYPDPFIGTYHVK	AGAP010331-PA	-	101	9.75E-10	1	2473.230	4.66	Malpighian tubule	3L:+:1242399-1242461	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_92134	NQQVTNMNNTIGNFKELLGR	AGAP010331-PA	M7(Oxidation)	92	7.94E-09	1	2291.164	3.61	Malpighian tubule	3L:+:1241165-1241224	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_92375	LLTVHRK	AGAP010331-PA	-	29	0.001885088	2	866.558	1.31	Malpighian tubule	3L:+:1242360-1242380	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_92879	KESEEPSSPTPTSNGDQQK	AGAP010331-PA	N14(Deamidated)	53	5.23E-05	1	2046.924	7.12	Larva	3L:+:1242567-1242623	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_93166	HLIEQIFGKPASTTLNQDEAVSR	AGAP010331-PA	-	183	3.19E-18	1	2554.340	5.56	Ovary	3L:+:1242129-1242197	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_95222	ELEETENWLYEEGESCEK	AGAP010331-PA	C16(Carbamidomethyl)	66	1.29E-06	1	2273.943	1.76	Malpighian tubule	3L:+:1250808-1250861	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_95813	LMNETTATALSYGFYK	AGAP010331-PA	M2(Oxidation)	102	9.64E-10	2	1825.869	0.53	Male reproductive organs	3L:+:1241513-1241560	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_96349	DFDLVLATHFNK	AGAP010331-PA	-	94	7.44E-09	1	1419.729	1.88	Head	3L:+:1241705-1241740	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_96875	LMNETTATALSYGFYK	AGAP010331-PA	-	118	2.36E-11	2	1809.875	1.23	Head	3L:+:1241513-1241560	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_97366	EFSCTDVQAYPVLISWTDTDGPHEMK	AGAP010331-PA	C4(Carbamidomethyl)	67	1.86E-06	1	3026.354	-0.38	Ovary	3L:+:1242246-1242323	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_97429	LPLNIECFMNEIDVHSSMQR	AGAP010331-PA	C7(Carbamidomethyl), M9(Oxidation), M18(Oxidation)	99	1.76E-09	1	2465.138	5.02	Ovary	3L:+:1241925-1241984	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_97849	DFDLVLATHFNK	AGAP010331-PA	-	98	3.02E-09	1	1419.732	4.03	Ovary	3L:+:1241705-1241740	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_98673	ESEEPSSPTPTSNGDQQK	AGAP010331-PA	N13(Deamidated),Q16(Deamidated),Q17(Deamidated)	111	4.26E-11	1	1918.818	1.62	Head	3L:+:1242570-1242623	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_99686	GAALQCAILSPAVR	AGAP010331-PA	C6(Carbamidomethyl)	87	1.16E-08	1	1426.787	2.42	Male reproductive organs	3L:+:1242198-1242239	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_99793	ATPSFVAFAGR	AGAP010331-PA	-	77	2.63E-07	2	1123.590	0.32	Ovary	3L:+:1237566-1237573,1241113-1241137	exon=> In CDS Exon 1 and 2 of transcript AGAP010331-PA
JHU_Ag_100609	TQINDCVITVPSYFTNAQR	AGAP010331-PA	C6(Carbamidomethyl)	36	0.003967508	2	2227.078	-1.61	Midgut	3L:+:1241408-1241464	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_100814	QALLDAANISGLNVLR	AGAP010331-PA	-	130	3.74E-13	2	1667.954	5.95	Head	3L:+:1241465-1241512	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_105645	ATPSFVAFAGR	AGAP010331-PA	-	39	0.001695045	2	1123.590	0.54	Visceras	3L:+:1237566-1237573,1241113-1241137	exon=> In CDS Exon 1 and 2 of transcript AGAP010331-PA
JHU_Ag_108337	AGGIETIANDYSLR	AGAP010331-PA	-	93	9.33E-09	1	1479.743	-0.27	Head	3L:+:1237524-1237565	exon=> In CDS Exon 1 of transcript AGAP010331-PA
JHU_Ag_108993	LLTVHR	AGAP010331-PA	-	33	0.001487298	2	738.462	-0.37	Head	3L:+:1242360-1242377	exon=> In CDS Exon 3 of transcript AGAP010331-PA
JHU_Ag_110164	SLPYHTEALQDGGIGIR	AGAP010331-PA	-	114	4.62E-11	1	1826.943	2.01	Head	3L:+:1241261-1241311	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_110686	ELEETENWLYEEGESCEK	AGAP010331-PA	C16(Carbamidomethyl)	65	1.58E-06	2	2273.940	0.47	Midgut	3L:+:1250808-1250861	exon=> In CDS Exon 5 of transcript AGAP010331-PA

JHU_Ag_114630	QALLDAANISGLNVLR	AGAP010331-PA	-	105	1.19E-10	1	1667.944	0.24	Male reproductive organs	3L:+:1241465-1241512	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_115143	IQEDGALHDYIDPQDASAICR	AGAP010331-PA	C20(Carbamidomethyl)	117	2.49E-11	1	2387.093	-0.34	Head	3L:+:1250745-1250807	exon=> In CDS Exon 5 of transcript AGAP010331-PA
JHU_Ag_115971	YKIDASSK	AGAP010331-PA	-	40	0.000548694	1	911.484	0.49	Malpighian tubule	3L:+:1241756-1241779	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_116767	AGGIETIANDYSLRATPSFVAFAGR	AGAP010331-PA	-	93	6.32E-09	1	2584.333	6.74	Malpighian tubule	3L:+:1237524-1237573,1241113-1241137	exon=> In CDS Exon 1 and 2 of transcript AGAP010331-PA
JHU_Ag_116940	NQQVTNMNNTIGNFK	AGAP010331-PA	M7(Oxidation)	130	1.50E-12	1	1738.822	2.68	Ovary	3L:+:1241165-1241209	exon=> In CDS Exon 2 of transcript AGAP010331-PA
JHU_Ag_6313	AFANVISK	AGAP010337-PA	-	51	8.96E-05	2	849.481	-1.75	Head	3L:-:1664680-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_7814	ISPFEQR	AGAP010337-PA	-	37	0.004172175	2	876.459	2.04	Head	3L:-:1664701-1664681	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_13956	KNPAEFENDS	AGAP010337-PA	-	46	0.00018336	1	1150.500	-1.22	Head	3L:-:1664452-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_20173	KNPAEFENDS	AGAP010337-PA	-	58	1.13E-05	2	1150.505	3.17	Malpighian tubule	3L:-:1664452-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_23339	NPAEFENDS	AGAP010337-PA	-	51	1.57E-05	1	1022.406	0.3	Midgut	3L:-:1664449-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_23831	ISPFEQRAFANVISK	AGAP010337-PA	-	50	5.63E-05	2	1706.931	5.16	Malpighian tubule	3L:-:1664701-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_28497	AFANVISK	AGAP010337-PA	-	37	0.001901907	1	849.482	-1.67	Midgut	3L:-:1664680-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_35532	AFANVISK	AGAP010337-PA	-	45	0.000285762	1	849.483	0.47	Salivary gland	3L:-:1664680-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_40610	GIVTHKISPFEQR	AGAP010337-PA	-	79	1.00E-07	1	1511.830	-1.8	Malpighian tubule	3L:-:1664719-1664681	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_58412	AFANVISK	AGAP010337-PA	-	67	1.99E-06	2	849.484	0.83	Visceras	3L:-:1664680-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_61684	NPAEFENDS	AGAP010337-PA	-	48	3.96E-05	1	1022.410	3.52	Malpighian tubule	3L:-:1664449-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_66078	KNPAEFENDS	AGAP010337-PA	-	47	0.00015599	2	1150.504	2.43	Ovary	3L:-:1664452-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_68580	GVPNTLRR	AGAP010337-PA	-	39	0.000682797	1	912.539	1.32	Visceras	3L:-:1664656-1664633	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_72260	AFANVISK	AGAP010337-PA	-	39	0.001207827	2	849.483	-0.32	Ovary	3L:-:1664680-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_75465	NPAEFENDS	AGAP010337-PA	-	50	1.24E-05	1	1022.404	-1.73	Head	3L:-:1664449-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_82594	KNPAEFENDS	AGAP010337-PA	-	63	3.08E-06	2	1150.500	-0.76	Visceras	3L:-:1664452-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_83259	KNPAEFENDS	AGAP010337-PA	-	58	9.16E-06	2	1150.498	-2.45	Midgut	3L:-:1664452-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_105199	AFANVISK	AGAP010337-PA	-	54	3.10E-05	2	849.485	2.63	Malpighian tubule	3L:-:1664680-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_111843	AFANVISK	AGAP010337-PA	-	35	0.00307613	1	849.483	0.06	Pupa	3L:-:1664680-1664657	exon=> In CDS Exon 1 of transcript AGAP010337-PA
JHU_Ag_116652	NPAEFENDS	AGAP010337-PA	-	58	3.09E-06	1	1022.408	2.21	Visceras	3L:-:1664449-1664423	exon=> In CDS Exon 2 of transcript AGAP010337-PA
JHU_Ag_12630	YAYVTLPR	AGAP010338-PA	-	46	0.00020298	2	982.535	-1.02	Midgut	3L:+:1688423-1688440,1688514-1688519	exon=> In CDS Exon 1 and 2 of transcript AGAP010338-PA
JHU_Ag_16541	DLVLGYITKEEDTK	AGAP010338-PA	-	97	2.15E-09	1	1623.846	-1.25	Midgut	3L:+:1688381-1688422	exon=> In CDS Exon 1 of transcript AGAP010338-PA

JHU_Ag_64867	QFTFPDIFPTDAK	AGAP010338-PA	-	43	0.000755309	2	1526.756	1.9	Head	3L:+:1688526-1688564	exon=> In CDS Exon 2 of transcript AGAP010338-PA
JHU_Ag_68537	VFLPNFWLK	AGAP010338-PA	-	38	0.000984354	2	1163.663	1.74	Midgut	3L:+:1688198-1688224	exon=> In CDS Exon 1 of transcript AGAP010338-PA
JHU_Ag_109163	QFTFPDIFPTDAK	AGAP010338-PA	-	39	0.001843705	1	1526.752	-0.34	Ovary	3L:+:1688526-1688564	exon=> In CDS Exon 2 of transcript AGAP010338-PA
JHU_Ag_98155	INAIIK	AGAP010341-PA	-	40	0.000194187	1	671.444	-0.91	Male reproductive organs	3L:-:1793788-1793771	exon=> In CDS Exon 1 of transcript AGAP010341-PA
JHU_Ag_5483	LPFFVLTR	AGAP010343-PA	-	55	1.07E-05	1	992.592	-0.79	Midgut	3L:+:1887674-1887697	exon=> In CDS Exon 9 of transcript AGAP010343-PA
JHU_Ag_5557	LPFFVLTR	AGAP010343-PA	-	54	6.30E-06	1	992.594	1.18	Salivary gland	3L:+:1887674-1887697	exon=> In CDS Exon 9 of transcript AGAP010343-PA
JHU_Ag_14249	DAFSLLTR	AGAP010343-PA	-	38	0.001579305	2	922.502	3.12	Malpighian tubule	3L:+:1887956-1887979	exon=> In CDS Exon 9 of transcript AGAP010343-PA
JHU_Ag_15859	NDGSAERPFYMSR	AGAP010343-PA	M11(Oxidation)	27	0.011813856	1	1545.676	0.56	Midgut	3L:+:1888333-1888371	exon=> In CDS Exon 10 of transcript AGAP010343-PA
JHU_Ag_32775	LPFFVLTR	AGAP010343-PA	-	32	0.000993203	2	992.593	-0.24	Visceras	3L:+:1887674-1887697	exon=> In CDS Exon 9 of transcript AGAP010343-PA
JHU_Ag_97663	LPFFVLTR	AGAP010343-PA	-	54	6.97E-06	1	992.592	-0.42	Malpighian tubule	3L:+:1887674-1887697	exon=> In CDS Exon 9 of transcript AGAP010343-PA
JHU_Ag_99760	SRLPFFVLTR	AGAP010343-PA	-	41	0.000137733	3	1235.727	0.44	Malpighian tubule	3L:+:1887668-1887697	exon=> In CDS Exon 9 of transcript AGAP010343-PA
JHU_Ag_96255	KFVVK	AGAP010346-PA	-	30	0.000283218	1	620.414	1.25	Male reproductive organs	3L:+:1915232-1915246	exon=> In CDS Exon 4 of transcript AGAP010346-PA
JHU_Ag_6699	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	166	3.91E-16	1	2045.033	1.42	Visceras	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_7991	GTIFFEQSGESDPVK	AGAP010347-PA	-	62	8.25E-06	2	1640.785	2.98	Larva	3L:+:1918787-1918810,1919247-1919267	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PA
JHU_Ag_9900	VDLTATQIALSGALNVVGR	AGAP010347-PA	-	81	2.57E-08	1	1898.079	4.57	Pupa	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_14659	THGGPDAEER	AGAP010347-PA	-	44	0.000309094	2	1068.471	0.09	Male reproductive organs	3L:+:1919385-1919414	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_14918	LACGVIGLCK	AGAP010347-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	77	3.52E-07	1	1090.577	1.63	Ovary	3L:+:1919607-1919636	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_15928	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	139	2.03E-13	1	2045.039	4.2	Larva	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_17901	LACGVIGLCKI	AGAP010347-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	63	6.61E-06	1	1203.664	4.2	Malpighian tubule	3L:+:1919607-1919639	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_18046	GTIFFEQSGESDPVK	AGAP010347-PA	-	95	4.69E-09	1	1640.783	1.56	Visceras	3L:+:1918787-1918810,1919247-1919267	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PA
JHU_Ag_18574	VDLTATQIALSGALNVVGR	AGAP010347-PA	-	38	0.000759369	3	1898.068	-1.22	Salivary gland	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_22533	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	166	4.10E-16	1	2045.035	2.31	Ovary	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_27285	LACGVIGLCK	AGAP010347-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	52	9.62E-05	1	1090.574	-1.17	Male reproductive organs	3L:+:1919607-1919636	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_27699	HAGDMGNIVADENGEAK	AGAP010347-PA	M5(Oxidation), N13(Deamidated),M5(Oxidation)	146	1.51E-14	1	1744.747	1.29	Ovary	3L:+:1919415-1919465	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_27900	HAGDMGNIVADENGEAK	AGAP010347-PA	M5(Oxidation),"M5(Oxidation), N13(Deamidated)"	156	2.10E-15	1	1727.769	2.32	Head	3L:+:1919415-1919465	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_30457	VDLTATQIALSGALNVVGR	AGAP010347-PA	N15(Deamidated)	143	1.99E-14	1	1898.072	0.88	Ovary	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA

JHU_Ag_30899	HAGDMGNIVADENGEAK	AGAP010347-PA	M5(Oxidation)	107	1.74E-10	1	1743.763	1.79	Male reproductive organs	3L:+:1919415-1919465	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_32229	VTGSVTGLKPGDHGFHIHEFGDNTNG CMSTGAHFNPYAK	AGAP010347-PA	C27(Carbamidomethyl), M28(Oxidation)	136	2.36E-13	1	4173.897	0.89	Head	3L:+:1919268-1919384	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_34769	VDLTATQIALSGALNVVGR	AGAP010347-PA	-	143	2.02E-14	1	1898.073	1.33	Malpighian tubule	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_40797	THGGPDAEERHAGDMGNIVADENGE AK	AGAP010347-PA	M15(Oxidation)	75	2.28E-07	1	2793.216	1.22	Malpighian tubule	3L:+:1919385-1919465	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_46786	VDLTATQIALSGALNVVGR	AGAP010347-PA	-	113	2.03E-11	1	1898.074	1.78	Visceras	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_51030	THGGPDAEER	AGAP010347-PA	-	43	0.000426406	1	1068.473	2.67	Midgut	3L:+:1919385-1919414	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_51464	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	165	4.25E-16	1	2045.031	0.61	Malpighian tubule	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_54686	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	173	8.54E-17	1	2045.022	-3.98	Head	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_55026	GTIFFEQSGESDPVK	AGAP010347-PA	-	115	3.93E-11	1	1640.782	0.97	Ovary	3L:+:1918787-1918810,1919247-1919267	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PA
JHU_Ag_56841	GTIFFEQSGESDPVK	AGAP010347-PA	-	111	1.04E-10	1	1640.782	0.89	Male reproductive organs	3L:+:1918787-1918810,1919247-1919267	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PA
JHU_Ag_57106	VTGSVTGLKPGDHGFHIHEFGDNTNG CMSTGAHFNPYAK	AGAP010347-PA	C27(Carbamidomethyl), M28(Oxidation),"N25(Deamidated), C27(Carbamidomethyl), M28(Oxidation)"	275	3.09E-27	1	4173.902	2.06	Ovary	3L:+:1919268-1919384	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_57439	VTGSVTGLKPGDHGFHIHEFGDNTNG CMSTGAHFNPYAK	AGAP010347-PA	N23(Deamidated), C27(Carbamidomethyl), M28(Oxidation),"N23(Deamidated), C27(Carbamidomethyl)","C27(Carbamidomethyl), M28(Oxidation)","N25(Deamidated), C27(Carbamidomethyl), M28(Oxidation)","N25(Deamidated), C27(Carbamidomethyl)"	76	1.93E-07	1	4173.891	-0.64	Midgut	3L:+:1919268-1919384	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_58182	HAGDMGNIVADENGEAK	AGAP010347-PA	M5(Oxidation), N13(Deamidated),N13(Deamidated),M5(Oxidation)	115	2.27E-11	1	1728.751	1.05	Midgut	3L:+:1919415-1919465	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_62023	VDLTATQIALSGALNVVGR	AGAP010347-PA	-	149	5.49E-15	2	1898.071	-0.02	Midgut	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_62463	LACGVIGLCK	AGAP010347-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	66	3.78E-06	1	1090.578	3.08	Malpighian tubule	3L:+:1919607-1919636	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_69082	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	64	6.26E-06	1	2045.037	3.66	Pupa	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_69350	LACGVIGLCK	AGAP010347-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	49	0.00017509	1	1090.575	0.58	Head	3L:+:1919607-1919636	exon=> In CDS Exon 2 of transcript AGAP010347-PA

JHU_Ag_70986	THGGPDAEER	AGAP010347-PA	-	51	5.69E-05	2	1068.471	0.66	Head	3L:+:1919385-1919414	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_74937	HAGDMGNIVADENGEAK	AGAP010347-PA	M5(Oxidation)	108	1.17E-10	1	1743.767	3.75	Larva	3L:+:1919415-1919465	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_78740	THGGPDAEER	AGAP010347-PA	-	53	4.41E-05	2	1068.474	2.95	Malpighian tubule	3L:+:1919385-1919414	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_79491	THGGPDAEER	AGAP010347-PA	-	48	0.000137 52	1	1068.472	1.01	Ovary	3L:+:1919385-1919414	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_80786	VDLTATQIALSGALNVVGR	AGAP010347-PA	-	117	6.30E-12	1	1898.080	4.86	Larva	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_81228	HAGDMGNIVADENGEAK	AGAP010347-PA	M5(Oxidation)	69	9.84E-07	2	1743.767	3.96	Visceras	3L:+:1919415-1919465	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_81792	SLVVHADPDDLGVGGHELSKTTGNAG AR	AGAP010347-PA	-	154	4.67E-15	1	2773.395	3.08	Malpighian tubule	3L:+:1919523-1919606	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_82193	HAGDMGNIVADENGEAKVDLTATQIA LSGALNVVGR	AGAP010347-PA	M5(Oxidation)	41	0.000660 41	1	3622.840	7.4	Malpighian tubule	3L:+:1919415-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_84918	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	40	0.001416 401	1	2045.030	0.25	Salivary gland	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_86107	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	132	8.48E-13	1	2045.030	-0.04	Male reproductive organs	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_92247	LACGVIGLCKI	AGAP010347-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	52	6.92E-05	2	1203.660	0.9	Visceras	3L:+:1919607-1919639	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_95432	GTIFFEQSGESDPVK	AGAP010347-PA	-	107	2.76E-10	1	1640.780	0.07	Head	3L:+:1918787-1918810,1919247-1919267	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PA
JHU_Ag_100486	GTIFFEQSGESDPVK	AGAP010347-PA	-	91	1.19E-08	1	1640.789	5.28	Midgut	3L:+:1918787-1918810,1919247-1919267	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PA
JHU_Ag_101451	GTIFFEQSGESDPVK	AGAP010347-PA	-	93	6.04E-09	1	1640.781	0.6	Malpighian tubule	3L:+:1918787-1918810,1919247-1919267	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PA
JHU_Ag_102648	VTGSVTGLKPGDHGFHIHEFGDNTNG CMSTGAHFNPYAK	AGAP010347-PA	C27(Carbamidomethyl), M28(Oxidation)	100	1.00E-09	1	4173.926	7.77	Malpighian tubule	3L:+:1919268-1919384	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_109904	TTGNAGAR	AGAP010347-PA	-	45	0.000462 085	2	747.374	0.01	Ovary	3L:+:1919583-1919606	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_110695	LACGVIGLCK	AGAP010347-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	73	8.08E-07	1	1090.574	-0.5	Midgut	3L:+:1919607-1919636	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_116040	SLVVHADPDDLGVGGHELSK	AGAP010347-PA	-	161	1.11E-15	1	2045.023	-3.33	Midgut	3L:+:1919523-1919582	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_116253	VDLTATQIALSGALNVVGR	AGAP010347-PA	-	134	1.59E-13	2	1898.072	0.75	Head	3L:+:1919466-1919522	exon=> In CDS Exon 2 of transcript AGAP010347-PA
JHU_Ag_1346	AVCVLNGEVK	AGAP010347-PA,AGAP010347-PB	C3(Carbamidomethyl)	49	0.000222 475	1	1088.578	0.59	Ovary	3L:+:1918757-1918786;3L:+:1918757-1918786	exon=> In CDS Exon 1 of transcript AGAP010347-PA;exon=> In CDS Exon 1 of transcript AGAP010347-PB
JHU_Ag_25425	AVCVLNGEVK	AGAP010347-PA,AGAP010347-PB	C3(Carbamidomethyl)	54	7.66E-05	1	1088.574	-3.04	Head	3L:+:1918757-1918786;3L:+:1918757-1918786	exon=> In CDS Exon 1 of transcript AGAP010347-PA;exon=> In CDS Exon 1 of transcript AGAP010347-PB
JHU_Ag_73670	AVCVLNGEVK	AGAP010347-PA,AGAP010347-PB	C3(Carbamidomethyl)	46	0.000416 179	1	1088.578	1.22	Visceras	3L:+:1918757-1918786;3L:+:1918757-1918786	exon=> In CDS Exon 1 of transcript AGAP010347-PA;exon=> In CDS Exon 1 of transcript AGAP010347-PB
JHU_Ag_82383	AVCVLNGEVK	AGAP010347-PA,AGAP010347-PB	C3(Carbamidomethyl), N6(Deamidated),C3(Carbamidomethyl)	57	2.99E-05	1	1089.561	-0.24	Midgut	3L:+:1918757-1918786;3L:+:1918757-1918786	exon=> In CDS Exon 1 of transcript AGAP010347-PA;exon=> In CDS Exon 1 of transcript AGAP010347-PB
JHU_Ag_20265	LHLTTDE	AGAP010347-PB	-	44	0.000264 479	1	828.412	2.42	Visceras	3L:+:1920371-1920391	exon=> In CDS Exon 2 of transcript AGAP010347-PB

JHU_Ag_32713	TTGNSGNCIACAIIGVAR	AGAP010347-PB	C8(Carbamidomethyl), C11(Carbamidomethyl)	74	7.46E-07	2	1834.891	0.54	Visceras	3L:+:1920296-1920349	exon=> In CDS Exon 2 of transcript AGAP010347-PB
JHU_Ag_41444	TLSISEYEDDLGR	AGAP010347-PB	-	86	2.94E-08	1	1497.711	2.96	Visceras	3L:+:1920236-1920274	exon=> In CDS Exon 2 of transcript AGAP010347-PB
JHU_Ag_86880	GTIFFEQSGSSVAVTGALEGLRPGK	AGAP010347-PB	-	44	0.000346011	1	2508.321	4.53	Visceras	3L:+:1918787-1918810,1919966-1920016	exon=> In CDS Exon 1 and 2 of transcript AGAP010347-PB
JHU_Ag_102471	GCLSTGPHYNPDGNDHGAPDDANCHVGDLGNIVAYSTGLAK	AGAP010347-PB	C2(Carbamidomethyl), C24(Carbamidomethyl)	40	0.000708859	1	4236.881	1.75	Visceras	3L:+:1920056-1920178	exon=> In CDS Exon 2 of transcript AGAP010347-PB
JHU_Ag_98224	VNDILDQKIDPIQSTK	AGAP010348-PA	N2(Deamidated)	37	0.002767518	1	1827.944	-13.94	Midgut	3L:-:1921558-1922020,1921240-1921442	exon=> In CDS Exon 3 and 2 of transcript AGAP010348-PA
JHU_Ag_18262	RFTDER	AGAP010351-PA	-	32	0.007301696	2	823.417	13.51	Head	3L:-:1953905-1953888	exon=> In CDS Exon 1 of transcript AGAP010351-PA
JHU_Ag_32037	EALVALLLEKPK	AGAP010351-PA	-	77	1.75E-08	1	1323.825	-0.14	Ovary	3L:-:1950921-1950886	exon=> In CDS Exon 6 of transcript AGAP010351-PA
JHU_Ag_35078	VILISDPTTDR	AGAP010351-PA	-	45	0.00050966	2	1229.674	0.28	Salivary gland	3L:-:1953707-1953675	exon=> In CDS Exon 1 of transcript AGAP010351-PA
JHU_Ag_35460	VILISDPTTDR	AGAP010351-PA	-	44	0.000647108	2	1229.676	1.57	Malpighian tubule	3L:-:1953707-1953675	exon=> In CDS Exon 1 of transcript AGAP010351-PA
JHU_Ag_59000	VILISDPTTDR	AGAP010351-PA	-	48	0.000218194	2	1229.674	-0.02	Ovary	3L:-:1953707-1953675	exon=> In CDS Exon 1 of transcript AGAP010351-PA
JHU_Ag_99246	IIVQSPR	AGAP010351-PA	-	31	0.004175357	2	812.500	0.96	Head	3L:-:1951111-1951091	exon=> In CDS Exon 5 of transcript AGAP010351-PA
JHU_Ag_103515	LIFQYINMLR	AGAP010351-PA	M8(Oxidation)	48	0.000152485	2	1326.724	-0.26	Ovary	3L:-:1952753-1952724	exon=> In CDS Exon 1 of transcript AGAP010351-PA
JHU_Ag_45202	EAWNMER	AGAP010353-PA	N4(Deamidated), M5(Oxidation)	34	0.000986219	2	952.383	-0.11	Ovary	3L:+:1960704-1960724	exon=> In CDS Exon 2 of transcript AGAP010353-PA
JHU_Ag_17341	ECDGVKTYICDSCTSR	AGAP010363-PA	C2(Carbamidomethyl), C10(Carbamidomethyl), C13(Carbamidomethyl)	81	2.38E-08	1	1950.801	1.14	Malpighian tubule	3L:+:2242847-2242894	exon=> In CDS Exon 1 of transcript AGAP010363-PA
JHU_Ag_24029	VYYVVCDGVNLPTEVLR	AGAP010363-PA	C6(Carbamidomethyl)	94	5.54E-09	2	1996.023	0.81	Visceras	3L:+:2243313-2243363	exon=> In CDS Exon 2 of transcript AGAP010363-PA
JHU_Ag_45264	RPCFGTQEIETTFTCGTGLFCIEGTASDR	AGAP010363-PA	C3(Carbamidomethyl), C15(Carbamidomethyl), C21(Carbamidomethyl)	134	4.15E-13	1	3311.496	5.84	Malpighian tubule	3L:+:2242895-2242981	exon=> In CDS Exon 1 of transcript AGAP010363-PA
JHU_Ag_84392	LVYNELDCPSGTIFNQTLR	AGAP010363-PA	C8(Carbamidomethyl)	86	4.10E-08	1	2240.101	-0.36	Visceras	3L:+:2243505-2243561	exon=> In CDS Exon 2 of transcript AGAP010363-PA
JHU_Ag_88277	LVYNELDCPSGTIFNQTLR	AGAP010363-PA	C8(Carbamidomethyl)	134	6.55E-13	1	2240.100	-0.79	Malpighian tubule	3L:+:2243505-2243561	exon=> In CDS Exon 2 of transcript AGAP010363-PA
JHU_Ag_89032	TYICDSCTSR	AGAP010363-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	86	6.49E-09	1	1262.516	1.49	Malpighian tubule	3L:+:2242865-2242894	exon=> In CDS Exon 1 of transcript AGAP010363-PA
JHU_Ag_97242	VYYVVCDGVNLPTEVLR	AGAP010363-PA	C6(Carbamidomethyl)	67	2.63E-06	1	1996.017	-1.94	Midgut	3L:+:2243313-2243363	exon=> In CDS Exon 2 of transcript AGAP010363-PA
JHU_Ag_112608	VYYVVCDGVNLPTEVLR	AGAP010363-PA	C6(Carbamidomethyl)	135	4.21E-13	1	1996.031	5.15	Malpighian tubule	3L:+:2243313-2243363	exon=> In CDS Exon 2 of transcript AGAP010363-PA
JHU_Ag_117166	LVYNELDCPSGTIFNQTLR	AGAP010363-PA	C8(Carbamidomethyl)	94	6.63E-09	2	2240.102	0.3	Midgut	3L:+:2243505-2243561	exon=> In CDS Exon 2 of transcript AGAP010363-PA
JHU_Ag_50559	FYGLCDGTGQAPIMYK	AGAP010364-PA	C5(Carbamidomethyl), M14(Oxidation)	45	0.000375476	1	1836.837	3.88	Malpighian tubule	3L:+:2247472-2247519	exon=> In CDS Exon 2 of transcript AGAP010364-PA
JHU_Ag_51599	YNLVHCPVGLTFNSR	AGAP010364-PA	C6(Carbamidomethyl)	62	1.17E-05	1	1776.890	2.89	Malpighian tubule	3L:+:2247664-2247708	exon=> In CDS Exon 2 of transcript AGAP010364-PA
JHU_Ag_54467	QLVCDSCSTFR	AGAP010364-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	39	0.000825873	2	1372.604	3.81	Malpighian tubule	3L:+:2247000-2247032	exon=> In CDS Exon 1 of transcript AGAP010364-PA

JHU_Ag_86093	LRYNLVHCPVGLTFNSR	AGAP010364-PA	C8(Carbamidomethyl)	73	5.51E-07	1	2046.078	3.87	Malpighian tubule	3L:+:2247658-2247708	exon=> In CDS Exon 2 of transcript AGAP010364-PA
JHU_Ag_94520	YNLVHCPVGLTFNSRLQYCT	AGAP010364-PA	C6(Carbamidomethyl), C19(Carbamidomethyl)	34	0.005108975	1	2442.181	4.72	Malpighian tubule	3L:+:2247664-2247723	exon=> In CDS Exon 2 of transcript AGAP010364-PA
JHU_Ag_1433	LKPCELESLLR	AGAP010366-PA	C4(Carbamidomethyl)	57	2.00E-05	1	1357.748	-2.19	Head	3L:-:2255986-2255954	exon=> In CDS Exon 2 of transcript AGAP010366-PA
JHU_Ag_106833	HILEHDPSDRENYQNLEDSSEATR	AGAP010366-PA	-	58	1.11E-05	1	2855.275	-2.88	Head	3L:-:2255890-2255819	exon=> In CDS Exon 2 of transcript AGAP010366-PA
JHU_Ag_3285	VAIQSHITPFTEQLIDALAK	AGAP010368-PA	-	59	4.96E-06	3	2195.222	6.58	Larva	3L:-:2273148-2273089	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_20035	DAIIVSEGANTMDIGR	AGAP010368-PA	M12(Oxidation)	102	9.99E-10	2	1677.819	4.51	Head	3L:-:2272932-2272885	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_23822	GVVPDLDPQCIAPAR	AGAP010368-PA	C10(Carbamidomethyl)	55	4.37E-05	1	1607.819	-1.29	Midgut	3L:-:2273349-2273305	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_29347	DALTATDRPHIINIAISPQADR	AGAP010368-PA	-	104	3.44E-10	1	2388.261	-0.7	Midgut	3L:-:2272389-2272324	exon=> In CDS Exon 4 of transcript AGAP010368-PA
JHU_Ag_36493	VAIQSHITPFTEQLIDALAK	AGAP010368-PA	-	102	3.19E-10	1	2195.211	1.58	Malpighian tubule	3L:-:2273148-2273089	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_36599	VAIQSHITPFTEQLIDALAK	AGAP010368-PA	-	49	6.94E-05	3	2195.199	-3.76	Midgut	3L:-:2273148-2273089	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_37116	GVVPDLDPQCIAPAR	AGAP010368-PA	C10(Carbamidomethyl)	36	0.004001163	1	1607.818	-2.2	Malpighian tubule	3L:-:2273349-2273305	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_40370	DALTATDRPHIINIAISPQADR	AGAP010368-PA	-	121	7.61E-12	1	2388.258	-2.15	Head	3L:-:2272389-2272324	exon=> In CDS Exon 4 of transcript AGAP010368-PA
JHU_Ag_44358	ADVVLLLGAR	AGAP010368-PA	-	68	6.80E-07	1	1026.631	-0.13	Malpighian tubule	3L:-:2273286-2273257	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_57644	TIVELQAVVK	AGAP010368-PA	-	39	0.000525243	2	1099.671	-1.35	Malpighian tubule	3L:-:2272419-2272390	exon=> In CDS Exon 4 of transcript AGAP010368-PA
JHU_Ag_84339	DALTATDRPHIINIAISPQADR	AGAP010368-PA	-	111	6.17E-11	1	2388.272	3.9	Malpighian tubule	3L:-:2272389-2272324	exon=> In CDS Exon 4 of transcript AGAP010368-PA
JHU_Ag_103681	RPLVIVGK	AGAP010368-PA	-	37	3.20E-05	1	881.593	0.32	Malpighian tubule	3L:-:2273460-2273437	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_113512	LVAEAAHLLCTAK	AGAP010368-PA	C10(Carbamidomethyl)	74	4.10E-07	1	1396.762	0.35	Midgut	3L:-:2273499-2273461	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_117070	VAIQSHITPFTEQLIDALAK	AGAP010368-PA	-	77	9.19E-08	1	2195.210	1.24	Ovary	3L:-:2273148-2273089	exon=> In CDS Exon 3 of transcript AGAP010368-PA
JHU_Ag_33585	AGFLAALPYLAR	AGAP010370-PA	-	44	0.000181656	2	1262.729	2.9	Malpighian tubule	3L:+:2283453-2283488	exon=> In CDS Exon 4 of transcript AGAP010370-PA
JHU_Ag_65705	AGFLAALPYLAR	AGAP010370-PA	-	51	3.10E-05	1	1262.730	3.48	Salivary gland	3L:+:2283453-2283488	exon=> In CDS Exon 4 of transcript AGAP010370-PA
JHU_Ag_5078	SLVIPEKFQHILR	AGAP010374-PA	N-Term(Acetyl)	45	4.82E-05	2	1621.943	0.4	Visceras	3L:+:2325302-2325340	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_17576	SLVIPEK	AGAP010374-PA	N-Term(Acetyl)	39	0.00049012	1	827.488	0.55	Head	3L:+:2325302-2325322	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_26336	SLVIPEK	AGAP010374-PA	N-Term(Acetyl)	45	0.000112022	1	827.487	-0.7	Midgut	3L:+:2325302-2325322	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_30460	SLVIPEKFQHILR	AGAP010374-PA	N-Term(Acetyl)	43	7.27E-05	1	1621.954	7.13	Head	3L:+:2325302-2325340	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_43787	SLVIPEK	AGAP010374-PA	N-Term(Acetyl)	43	0.000166751	1	827.490	3.28	Larva	3L:+:2325302-2325322	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_51085	SLVIPEK	AGAP010374-PA	N-Term(Acetyl)	43	0.000172704	1	827.488	0.63	Pupa	3L:+:2325302-2325322	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_54511	SLVIPEKFQHILR	AGAP010374-PA	N-Term(Acetyl)	48	2.22E-05	1	1621.945	1.26	Pupa	3L:+:2325302-2325340	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_57864	SLVIPEK	AGAP010374-PA	N-Term(Acetyl)	36	0.000841838	2	827.487	-0.28	Ovary	3L:+:2325302-2325322	exon=> In CDS Exon 2 of transcript AGAP010374-PA

JHU_Ag_75242	SLVIPEKFQHILR	AGAP010374-PA	N-Term(Acetyl)	40	0.000165231	1	1621.943	0.36	Midgut	3L:+:2325302-2325340	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_85675	SLVIPEKFQHILR	AGAP010374-PA	N-Term(Acetyl)	66	3.65E-07	1	1621.944	0.86	Male reproductive organs	3L:+:2325302-2325340	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_86384	SLVIPEKFQHILR	AGAP010374-PA	N-Term(Acetyl)	75	4.27E-08	1	1621.949	4.24	Malpighian tubule	3L:+:2325302-2325340	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_89082	SLVIPEKFQHILR	AGAP010374-PA	N-Term(Acetyl)	28	0.002218663	1	1621.942	-0.43	Salivary gland	3L:+:2325302-2325340	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_108318	SLVIPEK	AGAP010374-PA	N-Term(Acetyl)	46	9.08E-05	1	827.488	0.26	Male reproductive organs	3L:+:2325302-2325322	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_116303	SLVIPEK	AGAP010374-PA	N-Term(Acetyl)	48	6.16E-05	1	827.489	2.03	Visceras	3L:+:2325302-2325322	exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_637	KADVDPFK	AGAP010375-PA	-	44	0.000768678	1	919.487	-1.87	Head	3L:+:2341448-2341471	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_2571	AGECSDEEVEK	AGAP010375-PA	C4(Carbamidomethyl)	53	7.87E-06	2	1252.499	-0.92	Ovary	3L:+:2341475-2341507	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_3547	VLSTNIDGKR	AGAP010375-PA	-	74	5.07E-07	1	1102.621	-0.26	Ovary	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_9972	IITIISNPR	AGAP010375-PA	-	37	0.000717868	2	1026.635	4.53	Larva	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_11370	VLSTNIDGKR	AGAP010375-PA	-	81	1.07E-07	1	1102.620	-1.81	Midgut	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_13241	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	94	5.37E-09	1	1386.660	2.05	Malpighian tubule	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_15430	TVPIALTAIK	AGAP010375-PA	-	43	0.000131383	2	1026.656	0	Ovary	3L:+:2341382-2341411	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_17799	YAHVVLK	AGAP010375-PA	-	46	0.000333869	1	829.495	2.23	Midgut	3L:+:2341427-2341447	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_18816	LREDLER	AGAP010375-PA	-	38	0.003192891	1	930.500	-0.09	Ovary	3L:+:2341628-2341648	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_20737	IPDWFLNR	AGAP010375-PA	-	53	9.14E-05	1	1060.559	0.97	Head	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_24477	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	57	2.86E-05	1	1386.660	2.4	Head	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_24963	VLSTNIDGKR	AGAP010375-PA	-	67	2.43E-06	1	1102.621	-0.15	Salivary gland	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_25262	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	88	1.49E-08	1	1402.652	-0.01	Ovary	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_26553	YAHVVLK	AGAP010375-PA	-	46	0.000285974	1	829.491	-2.55	Head	3L:+:2341427-2341447	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_27690	AGECSDEEVEK	AGAP010375-PA	C4(Carbamidomethyl)	60	2.04E-06	1	1252.500	0.45	Malpighian tubule	3L:+:2341475-2341507	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_31065	ADVDPFKR	AGAP010375-PA	-	37	0.003626194	1	947.494	-0.39	Male reproductive organs	3L:+:2341451-2341474	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_33193	YAHVVLK	AGAP010375-PA	-	36	0.002977866	1	829.497	4.16	Larva	3L:+:2341427-2341447	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_33541	IITIISNPR	AGAP010375-PA	-	70	5.10E-07	2	1026.630	-0.46	Male reproductive organs	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_34796	IITIISNPR	AGAP010375-PA	-	78	8.06E-08	2	1026.631	0.25	Ovary	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_36185	IITIISNPR	AGAP010375-PA	-	52	2.74E-05	2	1026.631	0.25	Salivary gland	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_37385	AGECSDEEVEK	AGAP010375-PA	C4(Carbamidomethyl)	41	0.000145799	2	1252.502	1.71	Male reproductive organs	3L:+:2341475-2341507	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_37909	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	69	1.41E-06	1	1402.653	0.6	Visceras	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA

JHU_Ag_38921	IPDWFLNR	AGAP010375-PA	-	53	0.000101484	1	1060.556	-1.33	Ovary	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_44415	IPDWFLNR	AGAP010375-PA	-	53	0.000111259	1	1060.559	1.2	Malpighian tubule	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_44744	IITIISNPR	AGAP010375-PA	-	56	1.07E-05	2	1026.628	-2.25	Midgut	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_44926	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	89	1.40E-08	1	1402.651	-0.88	Midgut	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_46954	VLSTNIDGKR	AGAP010375-PA	-	80	1.14E-07	1	1102.622	0.07	Malpighian tubule	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_47538	VLSTNIDGKR	AGAP010375-PA	-	41	0.000995396	1	1102.622	0.4	Pupa	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_47744	KADVDPFK	AGAP010375-PA	-	42	0.000960592	1	919.487	-1.09	Ovary	3L:+:2341448-2341471	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_50061	RAGECSDEEVEK	AGAP010375-PA	C5(Carbamidomethyl)	52	3.11E-05	2	1408.596	-3.28	Head	3L:+:2341472-2341507	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_51445	YAHVVLK	AGAP010375-PA	-	42	0.000806046	1	829.494	0.98	Malpighian tubule	3L:+:2341427-2341447	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_55445	IITIISNPR	AGAP010375-PA	-	61	3.58E-06	2	1026.632	1.44	Malpighian tubule	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_58764	VLSTNIDGKR	AGAP010375-PA	-	53	5.20E-05	2	1102.621	-0.48	Male reproductive organs	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_60348	IPDWFLNR	AGAP010375-PA	-	53	8.53E-05	1	1060.561	3.73	Larva	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_69157	AGECSDEEVEKIITIISNPR	AGAP010375-PA	C4(Carbamidomethyl)	54	6.06E-05	1	2260.110	-1.2	Midgut	3L:+:2341475-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_72003	VLSTNIDGKR	AGAP010375-PA	-	80	1.07E-07	1	1102.625	3.06	Head	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_72624	RTVPIALTAIK	AGAP010375-PA	-	33	0.000276791	2	1182.758	1.2	Male reproductive organs	3L:+:2341379-2341411	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_72754	IITIISNPR	AGAP010375-PA	-	44	0.000176788	1	1026.631	0.72	Head	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_73537	LREDLER	AGAP010375-PA	-	39	0.002255001	2	930.500	-0.22	Midgut	3L:+:2341628-2341648	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_77280	YAHVVLKK	AGAP010375-PA	-	50	3.93E-05	1	957.589	0.85	Malpighian tubule	3L:+:2341427-2341450	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_78276	RYAHVVLK	AGAP010375-PA	-	37	0.001074714	1	985.598	3.81	Larva	3L:+:2341424-2341447	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_79206	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	70	1.11E-06	1	1402.651	-0.53	Salivary gland	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_79292	VLSTNIDGKR	AGAP010375-PA	-	75	3.63E-07	1	1102.625	3.39	Larva	3L:+:2341352-2341381	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_80680	TVPIALTAIK	AGAP010375-PA	-	38	0.000432056	2	1026.655	-0.36	Male reproductive organs	3L:+:2341382-2341411	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_81783	TVPIALTAIKGVGR	AGAP010375-PA	-	64	1.17E-07	1	1395.874	4.14	Malpighian tubule	3L:+:2341382-2341423	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_82076	ADVDPFKR	AGAP010375-PA	-	50	0.000180448	1	947.496	1.86	Malpighian tubule	3L:+:2341451-2341474	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_83343	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	70	9.58E-07	2	1402.656	2.86	Larva	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_85242	YAHVVLKK	AGAP010375-PA	-	50	3.70E-05	1	957.591	3.53	Larva	3L:+:2341427-2341450	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_87347	ADVDPFKR	AGAP010375-PA	-	42	0.001248393	1	947.496	1.47	Salivary gland	3L:+:2341451-2341474	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_89016	RAGECSDEEVEK	AGAP010375-PA	C5(Carbamidomethyl)	44	0.000218199	1	1408.606	3.57	Ovary	3L:+:2341472-2341507	exon=> In CDS Exon 1 of transcript AGAP010375-PA

JHU_Ag_89521	IITIISNPR	AGAP010375-PA	-	51	3.33E-05	2	1026.630	-0.23	Visceras	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_92014	IPDWFLNR	AGAP010375-PA	-	53	9.89E-05	1	1060.560	2.12	Pupa	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_93082	TVPIALTAIK	AGAP010375-PA	-	31	0.000926638	2	1026.658	1.78	Malpighian tubule	3L:+:2341382-2341411	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_97839	RTVPIALTAIK	AGAP010375-PA	-	53	3.70E-06	1	1182.755	-1.69	Head	3L:+:2341379-2341411	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_98465	DIVDGK	AGAP010375-PA	-	43	0.000893659	1	646.342	1.74	Head	3L:+:2341574-2341591	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_98998	AGECSDEEVEK	AGAP010375-PA	C4(Carbamidomethyl)	85	5.73E-09	1	1252.499	-0.72	Midgut	3L:+:2341475-2341507	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_99285	IPDWFLNR	AGAP010375-PA	-	55	7.22E-05	2	1060.557	-0.41	Male reproductive organs	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_99606	ADVDPFKR	AGAP010375-PA	-	47	0.000356001	2	947.494	-0.46	Visceras	3L:+:2341451-2341474	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_99987	IITIISNPR	AGAP010375-PA	-	69	5.56E-07	2	1026.631	0.01	Pupa	3L:+:2341508-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_101065	YAHVVLKK	AGAP010375-PA	-	34	0.001571189	1	957.593	5.57	Male reproductive organs	3L:+:2341427-2341450	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_101179	ADVDPFKR	AGAP010375-PA	-	54	8.46E-05	1	947.493	-1.23	Ovary	3L:+:2341451-2341474	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_101333	RTVPIALTAIK	AGAP010375-PA	-	22	0.003640418	2	1182.759	1.61	Malpighian tubule	3L:+:2341379-2341411	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_101416	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	70	1.03E-06	1	1402.651	-0.44	Pupa	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_104836	AGECSDEEVEKIITIISNPR	AGAP010375-PA	C4(Carbamidomethyl)	97	2.89E-09	1	2260.126	5.93	Malpighian tubule	3L:+:2341475-2341534	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_105185	IPDWFLNR	AGAP010375-PA	-	59	2.63E-05	2	1060.557	-0.53	Midgut	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_106971	YAHVVLK	AGAP010375-PA	-	46	0.000298935	1	829.495	1.94	Ovary	3L:+:2341427-2341447	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_108013	HYKIPDWFLNR	AGAP010375-PA	-	72	1.12E-06	1	1488.776	0.8	Malpighian tubule	3L:+:2341535-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_108208	IPDWFLNR	AGAP010375-PA	-	47	0.000477984	2	1060.557	-0.3	Salivary gland	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_110452	YMQLTSSNIDSK	AGAP010375-PA	M2(Oxidation)	75	3.28E-07	1	1402.651	-0.36	Male reproductive organs	3L:+:2341592-2341627	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_114029	IPDWFLNR	AGAP010375-PA	-	53	9.06E-05	1	1060.559	0.97	Visceras	3L:+:2341544-2341567	exon=> In CDS Exon 1 of transcript AGAP010375-PA
JHU_Ag_2504	VLSTNIDGK	AGAP010375-PA,AGAP010374-PA	-	47	0.000331738	1	946.520	-0.11	Male reproductive organs	3L:+:2341352-2341378;3L:+:2325341-2325367	exon=> In CDS Exon 1 of transcript AGAP010375-PA;exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_11181	VLSTNIDGK	AGAP010375-PA,AGAP010374-PA	-	48	0.000240928	2	946.522	1.36	Visceras	3L:+:2341352-2341378;3L:+:2325341-2325367	exon=> In CDS Exon 1 of transcript AGAP010375-PA;exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_40595	VLSTNIDGK	AGAP010375-PA,AGAP010374-PA	-	43	0.000773749	2	946.523	2.84	Head	3L:+:2341352-2341378;3L:+:2325341-2325367	exon=> In CDS Exon 1 of transcript AGAP010375-PA;exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_44832	VLSTNIDGK	AGAP010375-PA,AGAP010374-PA	-	54	7.71E-05	1	946.520	-0.31	Midgut	3L:+:2341352-2341378;3L:+:2325341-2325367	exon=> In CDS Exon 1 of transcript AGAP010375-PA;exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_65614	VLSTNIDGK	AGAP010375-PA,AGAP010374-PA	-	38	0.002740283	2	946.520	-0.13	Ovary	3L:+:2341352-2341378;3L:+:2325341-2325367	exon=> In CDS Exon 1 of transcript AGAP010375-PA;exon=> In CDS Exon 2 of transcript AGAP010374-PA

JHU_Ag_109519	FQHILR	AGAP010375-PA,AGAP010374-PA	-	33	0.002331812	1	813.476	3.75	Head	3L:+:2341334-2341351;3L:+:2325323-2325340	exon=> In CDS Exon 1 of transcript AGAP010375-PA;exon=> In CDS Exon 2 of transcript AGAP010374-PA
JHU_Ag_12836	VNNIELGANSGYR	AGAP010376-PA	-	87	3.77E-08	2	1406.701	-1.22	Head	3L:-:2344130-2344092	exon=> In CDS Exon 7 of transcript AGAP010376-PA
JHU_Ag_28011	YLHSLVEAQVR	AGAP010376-PA	-	45	0.000436088	2	1314.713	-2.62	Head	3L:-:2345885-2345853	exon=> In CDS Exon 5 of transcript AGAP010376-PA
JHU_Ag_68324	DTEAALIPNPANR	AGAP010376-PA	-	79	1.89E-07	2	1381.710	1.85	Head	3L:-:2346867-2346829	exon=> In CDS Exon 2 of transcript AGAP010376-PA
JHU_Ag_88918	DGISPEVTLEQAER	AGAP010376-PA	-	87	3.11E-08	1	1543.762	1.51	Head	3L:-:2346185-2346188,2345805-2345982	exon=> In CDS Exon 5 and 4 of transcript AGAP010376-PA
JHU_Ag_103943	DTEAALIPNPANRVEDFIFEK	AGAP010376-PA	-	40	0.001415609	1	2389.211	2.98	Head	3L:-:2346867-2346805	exon=> In CDS Exon 2 of transcript AGAP010376-PA
JHU_Ag_114194	LLLEGISTTQATHLR	AGAP010376-PA	-	105	1.21E-10	1	1652.930	-1.72	Head	3L:-:2345930-2345886	exon=> In CDS Exon 5 of transcript AGAP010376-PA
JHU_Ag_61060	SHILK	AGAP010378-PA,AGAP007576-PA,AGAP002657-PA	-	31	0.001931701	1	597.372	-0.11	Head	3L:+:2369533-2369547;2L:+:47793909-47793923;2R:-:25204250-25204236	exon=> In CDS Exon 3 of transcript AGAP010378-PA;exon=> In CDS Exon 3 of transcript AGAP007576-PA;exon=> In CDS Exon 2 of transcript AGAP002657-PA
JHU_Ag_7391	ANSNNSGSSSGSNIK	AGAP010380-PA	-	42	0.000671722	1	1423.639	-1.4	Salivary gland	3L:-:2389771-2389727	exon=> In CDS Exon 1 of transcript AGAP010380-PA
JHU_Ag_12127	STLERNPNAFKPK	AGAP010380-PA	-	32	0.006107131	1	1501.818	3.68	Malpighian tubule	3L:-:2389507-2391013,2389153-2389393	exon=> In CDS Exon 2 and 1 of transcript AGAP010380-PA
JHU_Ag_25481	IILNSDSNSGTAR	AGAP010380-PA	-	62	9.70E-06	2	1347.691	3.52	Malpighian tubule	3L:-:2389975-2389937	exon=> In CDS Exon 1 of transcript AGAP010380-PA
JHU_Ag_33368	LLNQRPTTSGGTVQK	AGAP010380-PA	-	39	0.000869321	2	1599.885	2.46	Head	3L:-:2390254-2390210	exon=> In CDS Exon 1 of transcript AGAP010380-PA
JHU_Ag_40841	KQDQYVIETVK	AGAP010380-PA	-	47	0.000196984	2	1350.728	1.06	Salivary gland	3L:-:2389804-2389772	exon=> In CDS Exon 1 of transcript AGAP010380-PA
JHU_Ag_1976	VAIADPLLER	AGAP010382-PA	-	59	3.73E-06	2	1096.641	4.46	Ovary	3L:-:2398318-2398289	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_9387	ETPTAASGTGEAGDKNGSEVQPEESFGLQSK	AGAP010382-PA	-	72	6.97E-07	1	3108.426	0.56	Ovary	3L:-:2398048-2397956	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_9902	AETIDLAKDPADGGSR	AGAP010382-PA	-	62	1.06E-05	1	1615.794	1.35	Malpighian tubule	3L:-:2398468-2398421	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_19441	RCEVFLELLK	AGAP010382-PA	C2(Carbamidomethyl)	51	8.92E-05	1	1306.719	0.16	Ovary	3L:-:2399344-2399315	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_23348	DAEAEVEKFITANTQELAK	AGAP010382-PA	-	44	0.000582049	3	2107.067	5.36	Malpighian tubule	3L:-:2397565-2397509	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_26537	NGSEVQPEESFGLQSK	AGAP010382-PA	N1(Deamidated)	34	0.006587057	2	1736.804	3.58	Head	3L:-:2398003-2397956	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_31751	LRDCELGAIVNK	AGAP010382-PA	C4(Carbamidomethyl)	34	0.006228696	1	1387.736	-0.47	Ovary	3L:-:2398207-2398172	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_33062	DCELGAIVNK	AGAP010382-PA	C2(Carbamidomethyl)	56	4.36E-05	2	1118.553	1.94	Salivary gland	3L:-:2398201-2398172	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_37180	VSEGELIERDPQLIEVLDR	AGAP010382-PA	-	101	6.89E-10	1	2210.168	0.52	Ovary	3L:-:2397862-2397806	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_38188	TPATLNEEK	AGAP010382-PA	-	50	0.000170675	2	1002.513	2.9	Malpighian tubule	3L:-:2399161-2399135	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_38586	EVEYFNNYLK	AGAP010382-PA	-	48	0.000240888	2	1318.632	0.81	Ovary	3L:-:2397403-2397374	exon=> In CDS Exon 6 of transcript AGAP010382-PA

JHU_Ag_41810	TPATLNEEK	AGAP010382-PA	-	39	0.002366844	2	1002.513	3.08	Ovary	3L:-:2399161-2399135	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_41859	IVHSVDFYNHCEYPYEDEMPNR	AGAP010382-PA	C11(Carbamidomethyl), M19(Oxidation)	72	2.28E-07	1	2830.192	1.73	Head	3L:-:2397787-2397722	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_43841	FITANTQELAK	AGAP010382-PA	-	55	3.29E-05	2	1235.663	0.24	Ovary	3L:-:2397541-2397509	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_47702	AETIDLAKDPADGGSR	AGAP010382-PA	-	36	0.004091077	2	1615.800	4.67	Ovary	3L:-:2398468-2398421	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_50808	EVNIKEICWNLNNIR	AGAP010382-PA	C8(Carbamidomethyl)	45	0.00046377	1	1914.992	3.21	Malpighian tubule	3L:-:2398252-2398208	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_53727	RPQLPEHPGNAK	AGAP010382-PA	-	38	0.002155312	1	1343.723	3.66	Malpighian tubule	3L:-:2397364-2397329	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_54922	VLDIKPSVVEAAAR	AGAP010382-PA	-	52	2.50E-05	2	1467.855	1.27	Ovary	3L:-:2399203-2399162	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_58733	VSVDASNTDALLR	AGAP010382-PA	-	71	1.31E-06	2	1360.708	0.78	Salivary gland	3L:-:2399296-2399258	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_59922	EICWNLNNIR	AGAP010382-PA	C3(Carbamidomethyl)	62	9.39E-06	2	1331.655	1.54	Ovary	3L:-:2398237-2398208	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_66822	ETPTAASGTGEAGDKNGSEVQPEESFGLQSK	AGAP010382-PA	-	79	1.62E-07	1	3108.431	2.33	Malpighian tubule	3L:-:2398048-2397956	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_69546	VSVDASNTDALLR	AGAP010382-PA	-	44	0.000551275	2	1360.709	1.95	Head	3L:-:2399296-2399258	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_74495	VSVDASNTDALLR	AGAP010382-PA	-	65	4.66E-06	2	1360.714	5.26	Malpighian tubule	3L:-:2399296-2399258	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_76905	IVHSVDFYNHCEYPYEDEMPNR	AGAP010382-PA	C11(Carbamidomethyl), M19(Oxidation)	58	5.61E-06	1	2830.184	-1.05	Ovary	3L:-:2397787-2397722	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_78571	VSVDASNTDALLR	AGAP010382-PA	-	104	5.87E-10	2	1360.708	0.87	Ovary	3L:-:2399296-2399258	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_83833	KPGSEGATSATANASVGAGGYR	AGAP010382-PA	-	71	1.53E-06	2	2008.975	3.31	Malpighian tubule	3L:-:2397328-2399347,2397071-2397184	exon=> In CDS Exon 7 and 6 of transcript AGAP010382-PA
JHU_Ag_84544	VMSNEIQEYIR	AGAP010382-PA	M2(Oxidation)	76	4.58E-07	1	1381.679	0.76	Ovary	3L:-:2397679-2397647	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_88953	MEEDSSKQETETDVLSVPQSEEDAR	AGAP010382-PA	-	29	0.00852136	1	2839.238	-1.54	Ovary	3L:-:2399083-2399009	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_91563	VAIADPLLER	AGAP010382-PA	-	37	0.000877098	2	1096.637	0.56	Malpighian tubule	3L:-:2398318-2398289	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_104907	IVHSVDFYNHCEYPYEDEMPNR	AGAP010382-PA	C11(Carbamidomethyl), M19(Oxidation)	44	0.000129808	1	2830.193	2.03	Malpighian tubule	3L:-:2397787-2397722	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_105089	VMSNEIQEYIR	AGAP010382-PA	M2(Oxidation)	52	8.13E-05	2	1397.679	4.21	Malpighian tubule	3L:-:2397679-2397647	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_105787	LILYLR	AGAP010382-PA	-	38	3.95E-05	2	790.519	0.75	Salivary gland	3L:-:2397805-2397788	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_105905	CEVFLELLK	AGAP010382-PA	C1(Carbamidomethyl)	60	1.07E-05	1	1150.622	4.04	Ovary	3L:-:2399341-2399315	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_111889	TPATLNEEKVK	AGAP010382-PA	-	42	0.000887804	1	1229.677	2.86	Malpighian tubule	3L:-:2399161-2399129	exon=> In CDS Exon 6 of transcript AGAP010382-PA
JHU_Ag_475	QLSYFIR	AGAP010383-PA	-	37	0.001246495	2	926.510	0.39	Midgut	3L:+:2419598-2419618	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_4383	EHWLDYSEK	AGAP010383-PA	-	58	1.44E-05	1	1206.546	2.52	Midgut	3L:+:2418971-2418997	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_5090	GSATYTYTLSSTGPGPNCAVAEEQR	AGAP010383-PA	C18(Carbamidomethyl)	74	4.49E-07	2	2617.189	1.98	Midgut	3L:+:2419499-2419573	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_15512	NYDEEDDPNATLPIDQK	AGAP010383-PA	-	109	1.18E-10	1	1976.874	0.9	Midgut	3L:+:2420327-2420377	exon=> In CDS Exon 4 of transcript AGAP010383-PA

JHU_Ag_18958	AIPFIISNEFCER	AGAP010383-PA	C11(Carbamidomethyl)	75	5.61E-07	1	1595.788	-0.29	Midgut	3L:+:2418071-2418109	exon=> In CDS Exon 1 of transcript AGAP010383-PA
JHU_Ag_22098	ILLNVLK	AGAP010383-PA	-	45	2.71E-05	2	812.560	-0.26	Midgut	3L:+:2419031-2419051	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_30768	DIDSSDAFDR	AGAP010383-PA	-	74	1.58E-07	1	1140.480	-0.18	Midgut	3L:+:2419739-2419768	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_38842	IQSNIPEHADFTLK	AGAP010383-PA	-	60	1.21E-05	1	1612.830	-2.14	Midgut	3L:+:2419418-2419459	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_38913	KQDSGISLLR	AGAP010383-PA	-	52	5.99E-05	1	1116.637	-0.39	Midgut	3L:+:2419619-2419648	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_40762	IFNGMPCDYR	AGAP010383-PA	M5(Oxidation), C7(Carbamidomethyl)	44	0.000123731	2	1288.544	-0.56	Midgut	3L:+:2419388-2419417	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_41648	ISAPAGNMFVK	AGAP010383-PA	M8(Oxidation)	52	8.92E-05	2	1150.597	4.14	Larva	3L:+:2418734-2418766	exon=> In CDS Exon 2 of transcript AGAP010383-PA
JHU_Ag_59269	DIDSSDAFDR	AGAP010383-PA	-	44	0.000170241	2	1140.484	2.75	Malpighian tubule	3L:+:2419739-2419768	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_61484	ILLNVLK	AGAP010383-PA	-	25	0.002782396	2	812.562	1.69	Ovary	3L:+:2419031-2419051	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_72519	NYDEEDDPNATLPIDQK	AGAP010383-PA	-	77	1.99E-07	2	1976.874	0.77	Malpighian tubule	3L:+:2420327-2420377	exon=> In CDS Exon 4 of transcript AGAP010383-PA
JHU_Ag_75241	ISAPAGNMFVK	AGAP010383-PA	M8(Oxidation)	44	0.000545143	1	1150.592	-0.42	Midgut	3L:+:2418734-2418766	exon=> In CDS Exon 2 of transcript AGAP010383-PA
JHU_Ag_75871	TFVVDEEKQLSYFIR	AGAP010383-PA	-	32	0.008190793	1	1873.973	1.83	Midgut	3L:+:2419574-2419618	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_99649	TFVVDEEKQLSYFIR	AGAP010383-PA	-	74	4.04E-07	2	1873.984	7.7	Ovary	3L:+:2419574-2419618	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_104523	YEDDTEK	AGAP010383-PA	-	31	0.001318372	1	899.362	-0.88	Midgut	3L:+:2419649-2419669	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_109538	NYDEEDDPNATLPIDQKEESGLDNPVFK	AGAP010383-PA	-	119	1.13E-11	1	3192.449	-0.1	Midgut	3L:+:2420327-2420410	exon=> In CDS Exon 4 of transcript AGAP010383-PA
JHU_Ag_111844	LYIPLPVFWALFDQQGSR	AGAP010383-PA	-	105	2.90E-10	1	2150.145	0.54	Midgut	3L:+:2419052-2419105	exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_114065	TVLVLYLTR	AGAP010383-PA	-	47	1.24E-05	2	1077.667	-0.13	Midgut	3L:+:2418131-2418131,2418198-2418223	exon=> In CDS Exon 1 and 2 of transcript AGAP010383-PA
JHU_Ag_11618	DSNLQPSSSQVAK	AGAP010384-PA	-	59	2.01E-05	2	1360.672	1.42	Head	3L:+:2421414-2421452	exon=> In CDS Exon 1 of transcript AGAP010384-PA
JHU_Ag_29565	DPFDGSLTPSSLQPTR	AGAP010384-PA	-	91	1.56E-08	1	1717.846	3.8	Head	3L:+:2421774-2421821	exon=> In CDS Exon 1 of transcript AGAP010384-PA
JHU_Ag_30179	TDVNQQTNFPQPGLPTGIR	AGAP010384-PA	-	38	0.002454305	1	2083.057	-0.04	Head	3L:+:2421867-2421923	exon=> In CDS Exon 1 of transcript AGAP010384-PA
JHU_Ag_68575	DSYGNPVTPFTDLAKPELDSVGFR	AGAP010384-PA	-	70	1.47E-06	1	2625.292	3.21	Head	3L:+:2421327-2421398	exon=> In CDS Exon 1 of transcript AGAP010384-PA
JHU_Ag_86018	FTGSFGGAPGILGNQQRPGTNVNPDGTVFSPVQSQTGQK	AGAP010384-PA	-	84	3.08E-08	1	3945.954	1.6	Head	3L:+:2422572-2422688	exon=> In CDS Exon 1 of transcript AGAP010384-PA
JHU_Ag_30408	LVHSGLFILTR	AGAP010386-PA	-	69	3.44E-07	1	1255.759	5.41	Larva	3L:-:2437185-2437153	exon=> In CDS Exon 5 of transcript AGAP010386-PA
JHU_Ag_60875	LVHSGLFILTR	AGAP010386-PA	-	36	0.001114448	1	1255.754	1.85	Ovary	3L:-:2437185-2437153	exon=> In CDS Exon 5 of transcript AGAP010386-PA
JHU_Ag_62098	EQYIGNLQR	AGAP010386-PA	-	45	0.000532941	2	1120.573	-1.15	Midgut	3L:-:2437640-2437614	exon=> In CDS Exon 3 of transcript AGAP010386-PA
JHU_Ag_83683	ESDLPEADQNSAQSSPK	AGAP010386-PA	-	98	1.63E-09	2	1802.808	2.18	Malpighian tubule	3L:-:2436924-2436874	exon=> In CDS Exon 5 of transcript AGAP010386-PA
JHU_Ag_84753	MWEGYPDHPMIFLHK	AGAP010386-PA	M1(Oxidation), M10(Oxidation)	46	0.000305727	1	1932.885	3.8	Larva	3L:-:2437613-2437569	exon=> In CDS Exon 3 of transcript AGAP010386-PA

JHU_Ag_109340	ESDLPEADQNSAQSSPK	AGAP010386-PA	-	34	0.004010754	2	1802.808	2.39	Head	3L:-:2436924-2436874	exon=> In CDS Exon 5 of transcript AGAP010386-PA
JHU_Ag_110219	ESDLPEADQNSAQSSPK	AGAP010386-PA	-	79	1.15E-07	2	1802.808	1.98	Salivary gland	3L:-:2436924-2436874	exon=> In CDS Exon 5 of transcript AGAP010386-PA
JHU_Ag_6484	VLGAPPGITPISISPK	AGAP010387-PA	-	66	3.67E-07	1	1546.919	-0.83	Midgut	3L:-:2444934-2444887	exon=> In CDS Exon 1 of transcript AGAP010387-PA
JHU_Ag_6622	NPLIIPEK	AGAP010387-PA	-	53	1.08E-05	1	923.558	1.78	Midgut	3L:-:2445516-2445493	exon=> In CDS Exon 1 of transcript AGAP010387-PA
JHU_Ag_7059	EALAQIAEEGLENQIKR	AGAP010387-PA	-	81	8.06E-08	1	1912.013	-0.35	Midgut	3L:-:2444600-2444550	exon=> In CDS Exon 3 of transcript AGAP010387-PA
JHU_Ag_8599	VGIMGECSTVQK	AGAP010387-PA	C7(Carbamidomethyl)	32	0.009101744	1	1308.627	-1.12	Midgut	3L:-:2444269-2444234	exon=> In CDS Exon 4 of transcript AGAP010387-PA
JHU_Ag_12238	ATHPDYIFEESNGFH	AGAP010387-PA	N12(Deamidated)	86	1.50E-08	1	1764.750	-0.01	Midgut	3L:-:2444194-2444150	exon=> In CDS Exon 4 of transcript AGAP010387-PA
JHU_Ag_26694	VLGAPPGITPISISPK	AGAP010387-PA	-	44	4.80E-05	2	1546.927	4.07	Malpighian tubule	3L:-:2444934-2444887	exon=> In CDS Exon 1 of transcript AGAP010387-PA
JHU_Ag_34014	RIECAQILYEGLGK	AGAP010387-PA	C4(Carbamidomethyl)	81	1.02E-07	1	1649.868	0.11	Midgut	3L:-:2444549-2444508	exon=> In CDS Exon 3 of transcript AGAP010387-PA
JHU_Ag_37765	TIEGPPDRPFSLETLAR	AGAP010387-PA	-	61	8.29E-06	1	1898.997	-0.02	Midgut	3L:-:2445189-2445139	exon=> In CDS Exon 1 of transcript AGAP010387-PA
JHU_Ag_64271	VLIAVNGIWAER	AGAP010387-PA	-	64	1.83E-06	2	1340.769	0.57	Midgut	3L:-:2445264-2445229	exon=> In CDS Exon 1 of transcript AGAP010387-PA
JHU_Ag_80324	EALAQIAEEGLENQIK	AGAP010387-PA	-	141	9.49E-14	1	1755.918	3.33	Midgut	3L:-:2444600-2444553	exon=> In CDS Exon 3 of transcript AGAP010387-PA
JHU_Ag_94412	IECAQILYEGLGK	AGAP010387-PA	C3(Carbamidomethyl)	117	3.41E-11	2	1493.767	0.07	Midgut	3L:-:2444546-2444508	exon=> In CDS Exon 3 of transcript AGAP010387-PA
JHU_Ag_97094	MGLDIFVK	AGAP010387-PA	M1(Oxidation)	64	3.34E-06	2	938.501	-0.19	Midgut	3L:-:2444507-2444484	exon=> In CDS Exon 3 of transcript AGAP010387-PA
JHU_Ag_100808	LPTVTGIMIPK	AGAP010387-PA	M8(Oxidation)	58	1.29E-05	2	1185.690	-1.04	Midgut	3L:-:2444468-2444436	exon=> In CDS Exon 3 of transcript AGAP010387-PA
JHU_Ag_109886	IQFYLYGFK	AGAP010387-PA	-	47	0.000254226	2	1178.624	-0.24	Midgut	3L:-:2444233-2444207	exon=> In CDS Exon 4 of transcript AGAP010387-PA
JHU_Ag_113563	YHHTVASNLIFALR	AGAP010387-PA	-	60	1.01E-05	2	1641.886	0.22	Midgut	3L:-:2444642-2444601	exon=> In CDS Exon 3 of transcript AGAP010387-PA
JHU_Ag_115640	VLTAMTNTVLSNFHAELFR	AGAP010387-PA	M5(Oxidation)	65	4.52E-06	1	2180.113	-1.72	Midgut	3L:-:2445453-2445397	exon=> In CDS Exon 1 of transcript AGAP010387-PA
JHU_Ag_4071	HLIYEADSDADEKLTK	AGAP010392-PA	-	97	3.39E-09	1	1847.902	-0.01	Malpighian tubule	3L:-:2597019-2596972	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_5500	VSVEEYIGDMYR	AGAP010392-PA	M10(Oxidation)	81	8.93E-08	1	1476.670	1.46	Ovary	3L:-:2597277-2597242	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_8178	LTKEEIIEK	AGAP010392-PA	-	39	0.001199522	1	1102.635	-0.26	Ovary	3L:-:2596980-2596954	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_9280	QGEQNEEEPDWVK	AGAP010392-PA	-	37	0.001877797	2	1587.692	-0.18	Ovary	3L:-:2597241-2597203	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_16861	QGEQNEEEPDWVKHER	AGAP010392-PA	-	74	4.45E-07	1	2009.901	2.83	Ovary	3L:-:2597241-2597194	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_18196	TFDQLEADESR	AGAP010392-PA	-	65	3.71E-06	2	1310.587	0.95	Head	3L:-:2597882-2597850	exon=> In CDS Exon 1 of transcript AGAP010392-PA
JHU_Ag_22482	EEFTDFLHPEESSHMR	AGAP010392-PA	M15(Oxidation)	45	0.000160057	1	2006.854	-0.46	Ovary	3L:-:2597379-2597332	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_23366	YDLFVGSQATDFGEALTR	AGAP010392-PA	-	159	2.32E-15	1	1989.958	1.18	Ovary	3L:-:2596953-2596900	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_23390	HLIYEADSDADEKLTK	AGAP010392-PA	-	112	1.19E-10	1	1847.896	-3.28	Midgut	3L:-:2597019-2596972	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_23712	HLIYEADSDADEK	AGAP010392-PA	-	37	0.001577641	1	1505.675	-0.42	Malpighian tubule	3L:-:2597019-2596981	exon=> In CDS Exon 3 of transcript AGAP010392-PA

JHU_Ag_26264	YDLFVGSQATDFGEALTR	AGAP010392-PA	-	118	2.74E-11	1	1989.959	2.04	Head	3L:-:2596953-2596900	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_33615	DGDDELTREEFTDFLHPEESSHMR	AGAP010392-PA	M23(Oxidation)	61	3.99E-06	1	2908.237	1.5	Malpighian tubule	3L:-:2597403-2597332	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_34827	YDLFVGSQATDFGEALTR	AGAP010392-PA	-	179	2.16E-17	1	1989.960	2.53	Malpighian tubule	3L:-:2596953-2596900	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_39327	VSVEEYIGDMYR	AGAP010392-PA	-	80	1.25E-07	2	1460.674	0.91	Head	3L:-:2597277-2597242	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_43622	DGFMDNQEVKDWITPADFDHAEAEAR	AGAP010392-PA	M4(Oxidation)	106	1.65E-10	1	3023.313	0.66	Ovary	3L:-:2597097-2597020	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_45684	HLIYEADSDADEKLTK	AGAP010392-PA	-	132	1.15E-12	1	1847.902	-0.01	Ovary	3L:-:2597019-2596972	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_46813	NVYGFLDELAAQEPDHPSDEHFSYR	AGAP010392-PA	-	123	4.53E-12	1	2936.311	-0.4	Malpighian tubule	3L:-:2597523-2597449	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_51194	DGDDELTREEFTDFLHPEESSHMR	AGAP010392-PA	M23(Oxidation)	126	1.08E-12	1	2908.230	-0.82	Ovary	3L:-:2597403-2597332	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_52788	LGLIVDKIDR	AGAP010392-PA	-	61	3.32E-06	1	1141.693	-0.83	Ovary	3L:-:2597843-2598068,2597174-2597671	exon=> In CDS Exon 2 and 1 of transcript AGAP010392-PA
JHU_Ag_53038	DVVVTETIEDIDKDSDGK	AGAP010392-PA	-	119	2.07E-11	1	1977.956	2.9	Malpighian tubule	3L:-:2597331-2597278	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_53712	HLIYEADSDADEK	AGAP010392-PA	-	107	1.83E-10	1	1505.669	-4.08	Head	3L:-:2597019-2596981	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_54573	VLDHDPLSHAQHYQNDEHNK	AGAP010392-PA	-	91	9.62E-09	1	2397.099	0.76	Ovary	3L:-:2597981-2597922	exon=> In CDS Exon 1 of transcript AGAP010392-PA
JHU_Ag_57183	AWIQYTQR	AGAP010392-PA	-	46	0.000374466	2	1065.546	-1.7	Ovary	3L:-:2597634-2597611	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_57641	TFDQLEADESR	AGAP010392-PA	-	89	1.27E-08	1	1310.587	0.86	Ovary	3L:-:2597882-2597850	exon=> In CDS Exon 1 of transcript AGAP010392-PA
JHU_Ag_60239	VLDHDPLSHAQHYQNDEHNK	AGAP010392-PA	-	36	0.003227942	1	2397.102	2.34	Head	3L:-:2597981-2597922	exon=> In CDS Exon 1 of transcript AGAP010392-PA
JHU_Ag_62919	QYDHEAFLGEDAK	AGAP010392-PA	-	39	0.001045604	1	1522.679	-1.17	Ovary	3L:-:2597921-2597883	exon=> In CDS Exon 1 of transcript AGAP010392-PA
JHU_Ag_70778	DWITPADFDHAEAEAR	AGAP010392-PA	-	75	3.50E-07	2	1843.828	1.77	Ovary	3L:-:2597067-2597020	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_73970	ETFTNFRDK	AGAP010392-PA	-	51	8.15E-05	1	1157.561	1.71	Ovary	3L:-:2597193-2597695,2596885-2597104	exon=> In CDS Exon 3 and 2 of transcript AGAP010392-PA
JHU_Ag_78722	NVYGFLDELAAQEPDHPSDEHFSYR	AGAP010392-PA	-	143	4.95E-14	1	2936.312	-0.08	Ovary	3L:-:2597523-2597449	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_81878	YIDDDVNRQWK	AGAP010392-PA	-	36	0.00426003	1	1451.697	3.64	Ovary	3L:-:2597607-2597575	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_81991	NVYGFLDELAAQEPDHPSDEHFSYR	AGAP010392-PA	-	108	1.36E-10	1	2936.306	-2.14	Pupa	3L:-:2597523-2597449	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_85919	DVVVTETIEDIDK	AGAP010392-PA	-	69	2.21E-06	2	1475.751	2.39	Head	3L:-:2597331-2597293	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_88427	DNDGFVNMSELK	AGAP010392-PA	M8(Oxidation)	71	7.17E-07	2	1384.608	1.96	Malpighian tubule	3L:-:2597670-2597635	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_89394	TFDQLEADESR	AGAP010392-PA	-	82	6.75E-08	1	1310.586	-0.35	Malpighian tubule	3L:-:2597882-2597850	exon=> In CDS Exon 1 of transcript AGAP010392-PA
JHU_Ag_93994	EEFTDFLHPEESSHMR	AGAP010392-PA	M15(Oxidation)	43	0.00024636	1	2006.851	-2.1	Head	3L:-:2597379-2597332	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_94872	DVVVTETIEDIDKDSDGK	AGAP010392-PA	-	133	8.31E-13	1	1977.952	0.81	Ovary	3L:-:2597331-2597278	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_95501	AWIQYTQR	AGAP010392-PA	-	45	0.000450742	1	1065.548	0.48	Pupa	3L:-:2597634-2597611	exon=> In CDS Exon 2 of transcript AGAP010392-PA

JHU_Ag_100551	DNDGFVNMSELK	AGAP010392-PA	M8(Oxidation)	94	3.37E-09	1	1384.607	1.35	Ovary	3L:-:2597670-2597635	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_104503	HLIYEADSDADEK	AGAP010392-PA	-	111	7.94E-11	1	1505.676	0.22	Ovary	3L:-:2597019-2596981	exon=> In CDS Exon 3 of transcript AGAP010392-PA
JHU_Ag_111484	LGLIVDK	AGAP010392-PA	-	42	0.000807841	2	757.483	1.29	Ovary	3L:-:2597843-2598068,2597174-2597680	exon=> In CDS Exon 2 and 1 of transcript AGAP010392-PA
JHU_Ag_114060	NVYGFLDELAAQEPDHPSDEHFSYR	AGAP010392-PA	-	39	0.001187746	1	2936.310	-0.64	Head	3L:-:2597523-2597449	exon=> In CDS Exon 2 of transcript AGAP010392-PA
JHU_Ag_116161	TFDQLEADESR	AGAP010392-PA	-	67	2.05E-06	2	1310.585	-0.45	Pupa	3L:-:2597882-2597850	exon=> In CDS Exon 1 of transcript AGAP010392-PA
JHU_Ag_14174	QINIPK	AGAP010393-PA	Q1(Deamidated), N3(Deamidated)	39	0.000453715	1	714.403	-0.35	Midgut	3L:+:2603191-2603208	exon=> In CDS Exon 1 of transcript AGAP010393-PA
JHU_Ag_88049	HSVEFLDHAIQENSNAK	AGAP010393-PA	-	42	0.001138713	1	1938.935	2.56	Ovary	3L:+:2608616-2608666	exon=> In CDS Exon 7 of transcript AGAP010393-PA
JHU_Ag_7234	VVPQEQLNEEVSNICK	AGAP010403-PA	C15(Carbamidomethyl)	65	6.17E-06	2	1885.932	-0.36	Male reproductive organs	3L:-:2778082-2778035	exon=> In CDS Exon 2 of transcript AGAP010403-PA
JHU_Ag_7927	NIVENQHDTELR	AGAP010403-PA	-	45	0.000544891	2	1467.722	2.48	Malpighian tubule	3L:-:2778602-2778567	exon=> In CDS Exon 1 of transcript AGAP010403-PA
JHU_Ag_26678	NIVENQHDTELR	AGAP010403-PA	-	69	2.02E-06	1	1467.722	2.06	Head	3L:-:2778602-2778567	exon=> In CDS Exon 1 of transcript AGAP010403-PA
JHU_Ag_40819	VVPQEQLNEEVSNICK	AGAP010403-PA	C15(Carbamidomethyl)	57	3.86E-05	2	1885.933	0.03	Head	3L:-:2778082-2778035	exon=> In CDS Exon 2 of transcript AGAP010403-PA
JHU_Ag_49269	NIVENQHDTELR	AGAP010403-PA	-	75	4.93E-07	1	1467.723	2.89	Ovary	3L:-:2778602-2778567	exon=> In CDS Exon 1 of transcript AGAP010403-PA
JHU_Ag_76445	DGVGTILLDNEK	AGAP010403-PA	-	77	3.53E-07	1	1273.667	3.07	Midgut	3L:-:2778683-2778648	exon=> In CDS Exon 1 of transcript AGAP010403-PA
JHU_Ag_79526	VVPQEQLNEEVSNICK	AGAP010403-PA	C15(Carbamidomethyl)	116	4.34E-11	1	1885.935	1.58	Visceras	3L:-:2778082-2778035	exon=> In CDS Exon 2 of transcript AGAP010403-PA
JHU_Ag_88148	AAYMLFTGLPITAHEALQAGLVSK	AGAP010403-PA	M4(Oxidation)	39	0.000784044	3	2518.351	5.18	Malpighian tubule	3L:-:2778154-2778083	exon=> In CDS Exon 2 of transcript AGAP010403-PA
JHU_Ag_91374	VVPQEQLNEEVSNICK	AGAP010403-PA	C15(Carbamidomethyl)	89	2.00E-08	1	1885.933	0.35	Malpighian tubule	3L:-:2778082-2778035	exon=> In CDS Exon 2 of transcript AGAP010403-PA
JHU_Ag_93893	VVPQEQLNEEVSNICK	AGAP010403-PA	C15(Carbamidomethyl)	78	3.02E-07	2	1885.932	-0.49	Midgut	3L:-:2778082-2778035	exon=> In CDS Exon 2 of transcript AGAP010403-PA
JHU_Ag_113860	DGVGTILLDNEK	AGAP010403-PA	-	91	1.35E-08	2	1273.666	1.64	Head	3L:-:2778683-2778648	exon=> In CDS Exon 1 of transcript AGAP010403-PA
JHU_Ag_7635	ALGEPLR	AGAP010404-PA	-	43	0.000243871	2	755.441	-0.13	Midgut	3L:-:2783305-2783285	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_9163	KVHQSVAMSR	AGAP010404-PA	-	50	0.000102527	1	1142.610	0.18	Malpighian tubule	3L:-:2782124-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_9426	FLLSYGNLPFDDVR	AGAP010404-PA	-	89	1.72E-08	1	1655.846	1.97	Head	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_10836	KMVTLNNEVIPFYLTK	AGAP010404-PA	M2(Oxidation)	105	2.16E-10	1	1910.050	2.19	Visceras	3L:-:2780137-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_12284	FLLSYGNLPFDDVR	AGAP010404-PA	-	80	1.56E-07	1	1655.844	0.72	Male reproductive organs	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_16555	TNLLENFPNLQEVVQK	AGAP010404-PA	-	117	2.08E-11	1	1886.004	1.36	Head	3L:-:2779981-2779934	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_18160	VHQSVAMSR	AGAP010404-PA	M7(Oxidation)	41	0.000785817	1	1030.510	0.4	Midgut	3L:-:2782121-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_20636	YLANQVGLAGADDWENLMIDTVVDTVNDFR	AGAP010404-PA	-	52	7.84E-05	3	3354.609	4.32	Visceras	3L:-:2782094-2782005	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_23541	ALGEPLRFLLSYGNLPFDDVR	AGAP010404-PA	-	75	2.17E-07	1	2392.278	4.78	Malpighian tubule	3L:-:2783305-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA

JHU_Ag_25028	MVTLNNEVIPFYLTK	AGAP010404-PA	N5(Deamidated),N6(Deamidated),M1(Oxidation)," M1(Oxidation), N5(Deamidated), N6(Deamidated)"	109	1.07E-10	1	1781.957	3.31	Pupa	3L:-:2780134-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_26976	TNLLENFPNLQEVVQK	AGAP010404-PA	Q11(Deamidated),N9(Deamidated),Q15(Deamidated)	132	5.99E-13	1	1886.004	1.16	Visceras	3L:-:2779981-2779934	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_31154	IAIVAYEPDDMVK	AGAP010404-PA	M11(Oxidation)	60	1.66E-05	1	1479.744	2.39	Malpighian tubule	3L:-:2780182-2780144	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_32629	ALGEPLR	AGAP010404-PA	-	34	0.002102845	2	755.441	0.2	Malpighian tubule	3L:-:2783305-2783285	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_33264	YLANQVGLAGADDWENLMIDTVVDTVNDFR	AGAP010404-PA	M18(Oxidation)	65	3.87E-06	1	3354.601	1.92	Pupa	3L:-:2782094-2782005	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_33326	LNVIAK	AGAP010404-PA	-	37	0.001757694	1	657.431	2.73	Visceras	3L:-:2780089-2780072	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_33946	VHQSVAMSR	AGAP010404-PA	M7(Oxidation)	61	8.11E-06	1	1014.517	1.95	Visceras	3L:-:2782121-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_34850	VHQSVAMSR	AGAP010404-PA	M7(Oxidation)	40	0.001125035	1	1030.509	-0.78	Head	3L:-:2782121-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_40039	YLANQVGLAGADDWENLMIDTVVDTVNDFR	AGAP010404-PA	-	47	0.00029508	2	3354.601	1.94	Midgut	3L:-:2782094-2782005	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_43275	VYYFNVK	AGAP010404-PA	-	39	0.002422574	1	932.486	-1.28	Midgut	3L:-:2783326-2783306	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_47132	EEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	M10(Oxidation), M12(Oxidation),"M10(Oxidation), M12(Oxidation), M15(Oxidation)"	72	9.39E-07	1	2631.254	1.39	Pupa	3L:-:2783233-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_49557	EEWPALKPTMPMGQMPVLEVDGKK	AGAP010404-PA	-	34	0.004569883	1	2711.363	1	Malpighian tubule	3L:-:2783233-2783363,2782001-2782122	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_50121	RPITEV	AGAP010404-PA	-	37	0.000937005	2	714.415	0.39	Visceras	3L:-:2779894-2779877	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_53067	EEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	-	40	0.001443338	3	2583.275	3.52	Malpighian tubule	3L:-:2783233-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_53462	KMVTLNNEVIPFYLTK	AGAP010404-PA	M2(Oxidation)	105	1.64E-10	1	1910.052	3.15	Pupa	3L:-:2780137-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_55075	RPITEV	AGAP010404-PA	-	31	0.003861373	1	714.415	0.14	Malpighian tubule	3L:-:2779894-2779877	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_55647	ALGEPLR	AGAP010404-PA	-	35	0.001216884	1	755.440	-1.81	Head	3L:-:2783305-2783285	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_59789	ALGEPLR	AGAP010404-PA	-	41	0.000410022	1	755.442	1.18	Pupa	3L:-:2783305-2783285	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_59994	FLLSYGNLPFDDVR	AGAP010404-PA	-	91	1.05E-08	1	1655.845	1.01	Ovary	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_60967	EEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	M10(Oxidation), M12(Oxidation),"M10(Oxidation), M12(Oxidation), M15(Oxidation)"	89	1.81E-08	1	2631.246	-1.54	Midgut	3L:-:2783233-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_63738	MVTLNNEVIPFYLTK	AGAP010404-PA	M1(Oxidation)	106	2.24E-10	1	1781.955	2.49	Visceras	3L:-:2780134-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_66621	MVTLNNEVIPFYLTK	AGAP010404-PA	M1(Oxidation)	99	1.28E-09	2	1797.951	2.92	Head	3L:-:2780134-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA

JHU_Ag_67668	VYYFNVK	AGAP010404-PA	-	42	0.001055477	1	932.489	1.52	Malpighian tubule	3L:-:2783326-2783306	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_69069	IAIVAYEPDDMVK	AGAP010404-PA	M11(Oxidation)	62	1.02E-05	1	1463.746	0.53	Pupa	3L:-:2780182-2780144	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_69256	VLDNENVK	AGAP010404-PA	-	51	0.000155125	1	930.492	3.6	Visceras	3L:-:2779933-2779910	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_76073	VLDNENVK	AGAP010404-PA	-	49	0.000251676	1	930.490	0.45	Malpighian tubule	3L:-:2779933-2779910	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_76512	IAIVAYEPDDMVK	AGAP010404-PA	M11(Oxidation)	72	8.31E-07	2	1463.748	2.28	Visceras	3L:-:2780182-2780144	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_77306	FLLSYGNLPFDDVR	AGAP010404-PA	-	85	4.81E-08	2	1655.841	-1.42	Midgut	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_77426	KVHQSVAMSR	AGAP010404-PA	M8(Oxidation)	35	0.005237308	1	1158.607	1.73	Visceras	3L:-:2782124-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_77532	KVHQSVAMSR	AGAP010404-PA	M8(Oxidation)	40	0.001387677	1	1158.604	-0.59	Male reproductive organs	3L:-:2782124-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_78092	IAIVAYEPDDMVK	AGAP010404-PA	M11(Oxidation)	56	4.66E-05	1	1479.737	-1.73	Midgut	3L:-:2780182-2780144	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_79945	MVTLNNEVIPFYLTK	AGAP010404-PA	M1(Oxidation)	100	1.11E-09	1	1797.941	-2.58	Midgut	3L:-:2780134-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_79957	ALGEPLR	AGAP010404-PA	-	40	0.000555354	2	755.443	2.54	Visceras	3L:-:2783305-2783285	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_79996	TNLLENFPNLQEVVQK	AGAP010404-PA	-	98	1.52E-09	1	1886.012	5.5	Malpighian tubule	3L:-:2779981-2779934	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_82449	ITREEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	M13(Oxidation), M15(Oxidation), M18(Oxidation)	110	1.31E-10	1	3001.492	2.83	Visceras	3L:-:2783242-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_83460	IAIVAYEPDDMVKEK	AGAP010404-PA	-	82	8.40E-08	1	1720.887	2.58	Visceras	3L:-:2780182-2780138	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_84738	FLLSYGNLPFDDVR	AGAP010404-PA	-	76	3.06E-07	1	1655.849	3.82	Malpighian tubule	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_86225	FLLSYGNLPFDDVR	AGAP010404-PA	N7(Deamidated)	100	1.49E-09	1	1655.846	2.19	Pupa	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_88003	EEWPALKPTMPMGQMPVLEVDGKK	AGAP010404-PA	M10(Oxidation), M15(Oxidation),"M10(Oxidation), M12(Oxidation)","M10(Oxidation), M12(Oxidation), M15(Oxidation)"	53	7.20E-05	1	2759.349	1.23	Visceras	3L:-:2783233-2783363,2782001-2782122	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_90053	EEWPALKPTMPMGQMPVLEVDGKK	AGAP010404-PA	M10(Oxidation), M15(Oxidation),"M10(Oxidation), M12(Oxidation)","M10(Oxidation), M12(Oxidation), M15(Oxidation)"	61	1.04E-05	1	2743.352	0.54	Midgut	3L:-:2783233-2783363,2782001-2782122	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_91733	FLLSYGNLPFDDVR	AGAP010404-PA	-	83	5.92E-08	2	1655.855	7.35	Larva	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_91753	EEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	M10(Oxidation), M12(Oxidation), M15(Oxidation)	39	0.001891152	1	2631.251	0.27	Male reproductive organs	3L:-:2783233-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_93209	TNLLENFPNLQEVVQK	AGAP010404-PA	Q11(Deamidated),N9(Deamidated),Q15(Deamidated),N2(Deamidated)	128	1.65E-12	1	1886.006	2.22	Pupa	3L:-:2779981-2779934	exon=> In CDS Exon 4 of transcript AGAP010404-PA

JHU_Ag_94178	EEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	M15(Oxidation),"M10(Oxidation), M15(Oxidation)","M10(Oxidation), M12(Oxidation)","M10(Oxidation), M12(Oxidation), M15(Oxidation)",M12(Oxidation),"M12(Oxidation), M15(Oxidation)"	101	1.22E-09	1	2615.266	4.02	Visceras	3L:-:2783233-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_94392	IAIVAYEPDDMVK	AGAP010404-PA	M11(Oxidation)	51	0.000146517	1	1479.745	3.22	Head	3L:-:2780182-2780144	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_97019	TNLLENFPNLQEVVQK	AGAP010404-PA	-	98	1.74E-09	2	1885.997	-2.53	Midgut	3L:-:2779981-2779934	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_97248	EEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	M10(Oxidation), M12(Oxidation), M15(Oxidation)	54	5.46E-05	1	2631.262	4.45	Larva	3L:-:2783233-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_99547	MVTLNNEVIPFYLTK	AGAP010404-PA	M1(Oxidation)	93	4.23E-09	2	1781.964	7.63	Malpighian tubule	3L:-:2780134-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_104272	VHQSVAMSR	AGAP010404-PA	-	67	2.33E-06	1	1014.515	0.09	Malpighian tubule	3L:-:2782121-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_107855	KVHQSVAMSR	AGAP010404-PA	M8(Oxidation)	40	0.001345106	1	1158.604	-0.38	Midgut	3L:-:2782124-2782095	exon=> In CDS Exon 3 of transcript AGAP010404-PA
JHU_Ag_109512	ITREEWPALKPTMPMGQMPVLEVDGK	AGAP010404-PA	M13(Oxidation), M15(Oxidation), M18(Oxidation)	44	0.000572235	1	3001.481	-0.87	Midgut	3L:-:2783242-2783363,2782001-2782125	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_112940	FLLSYGNLPFDDVR	AGAP010404-PA	-	100	1.31E-09	1	1655.849	3.59	Visceras	3L:-:2783284-2783243	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_113794	EEWPALKPTMPMGQMPVLEVDGKK	AGAP010404-PA	M10(Oxidation), M12(Oxidation), M15(Oxidation)	82	9.51E-08	1	2759.341	-1.49	Pupa	3L:-:2783233-2783363,2782001-2782122	exon=> In CDS Exon 3 and 2 of transcript AGAP010404-PA
JHU_Ag_114561	FLLSYGNLPFDDVRITR	AGAP010404-PA	-	47	0.000172106	1	2026.085	4.52	Malpighian tubule	3L:-:2783284-2783234	exon=> In CDS Exon 2 of transcript AGAP010404-PA
JHU_Ag_116786	KMVTLNNEVIPFYLTK	AGAP010404-PA	M2(Oxidation)	72	4.75E-07	1	1926.047	3.16	Malpighian tubule	3L:-:2780137-2780090	exon=> In CDS Exon 4 of transcript AGAP010404-PA
JHU_Ag_21076	GQIVLVK	AGAP010411-PA	-	41	0.000194278	1	756.498	-0.37	Midgut	3L:-:2869170-2869150	exon=> In CDS Exon 1 of transcript AGAP010411-PA
JHU_Ag_51070	IVQWFIK	AGAP010411-PA	Q3(Deamidated)	31	0.00562146	2	934.531	-9.52	Head	3L:-:2869446-2869426	exon=> In CDS Exon 1 of transcript AGAP010411-PA
JHU_Ag_15700	LNLPPPNHPPPPPPVGQVVK	AGAP010413-PA	-	51	1.40E-05	1	2094.195	4.22	Head	3L:+:2949071-2949130	exon=> In CDS Exon 13 of transcript AGAP010413-PA
JHU_Ag_114586	ITAAELEELFQR	AGAP010413-PA	-	72	8.77E-07	2	1419.753	3.84	Head	3L:+:2948612-2948647	exon=> In CDS Exon 13 of transcript AGAP010413-PA
JHU_Ag_16262	GIPPSLVDSEVK	AGAP010416-PA	-	28	0.009047258	1	1240.696	14.09	Midgut	3L:-:2985018-2984983	exon=> In CDS Exon 3 of transcript AGAP010416-PA
JHU_Ag_25178	DQAILALEDAK	AGAP010417-PA	-	38	0.002567561	2	1186.631	-0.47	Head	3L:-:2989978-2990087,2989771-2989882	exon=> In CDS Exon 9 and 8 of transcript AGAP010417-PA
JHU_Ag_97316	IVEENLNHYGER	AGAP010417-PA	-	79	2.13E-07	1	1472.715	1.36	Head	3L:-:2990313-2990278	exon=> In CDS Exon 7 of transcript AGAP010417-PA
JHU_Ag_4920	SLGNVIDPMDVITGISLEGLHK	AGAP010420-PA	M9(Oxidation)	49	9.55E-05	1	2324.229	5.31	Malpighian tubule	3L:-:3013737-3013672	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_5497	VETMLGDTAVAVHPK	AGAP010420-PA	M4(Oxidation)	59	1.78E-05	2	1583.812	1.55	Ovary	3L:-:3014721-3014677	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_5724	SVFQTNDESAK	AGAP010420-PA	-	47	0.000241091	2	1225.574	3.33	Ovary	3L:-:3013164-3013132	exon=> In CDS Exon 4 of transcript AGAP010420-PA

JHU_Ag_7378	LAGCIETANR	AGAP010420-PA	C4(Carbamidomethyl)	46	0.000459 17	2	1104.547	0.44	Head	3L:-:3013287-3013258	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_8461	VVAVYSGSTK	AGAP010420-PA	-	63	2.82E-06	2	1010.554	1.96	Malpighian tubule	3L:-:3015576-3015547	exon=> In CDS Exon 2 of transcript AGAP010420-PA
JHU_Ag_9165	AASTLKVDK	AGAP010420-PA	-	52	5.16E-05	1	932.544	2.5	Malpighian tubule	3L:-:3014034-3014008	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_11016	SLGNVIDPMDVITGISLEGLHK	AGAP010420-PA	M9(Oxidation)	67	1.92E-06	1	2324.220	1.3	Ovary	3L:-:3013737-3013672	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_15926	NLSDENLWFVGRTEAEALSK	AGAP010420-PA	-	55	5.54E-05	1	2279.140	4.44	Malpighian tubule	3L:-:3014094-3014035	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_16538	SLGNVIDPMDVITGISLEGLHK	AGAP010420-PA	M9(Oxidation)	40	0.001078 507	1	2324.212	-2.17	Midgut	3L:-:3013737-3013672	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_18814	SVFQTNDESAK	AGAP010420-PA	-	46	0.000302 121	2	1225.574	3.33	Malpighian tubule	3L:-:3013164-3013132	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_21174	AVTEAFVR	AGAP010420-PA	-	40	0.001497 504	2	892.490	1.79	Malpighian tubule	3L:-:3014970-3014947	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_23565	TKTDAYFICSDEGVR	AGAP010420-PA	C9(Carbamidomethyl)	43	0.000677 805	2	1761.822	6.32	Malpighian tubule	3L:-:3012867-3012823	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_26022	YDIITSLDGLESNLDR	AGAP010420-PA	-	95	4.98E-09	1	1823.903	0.56	Ovary	3L:-:3013425-3015351,3012475-3013303	exon=> In CDS Exon 4 and 3 of transcript AGAP010420-PA
JHU_Ag_26861	TDAYFICSDEGVR	AGAP010420-PA	C7(Carbamidomethyl)	42	0.000412 327	2	1532.675	4.05	Malpighian tubule	3L:-:3012861-3012823	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_29210	SAISDIEVDKVEVSGR	AGAP010420-PA	-	49	0.000147 018	2	1703.893	6.9	Salivary gland	3L:-:3014883-3014836	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_30113	DINLDIQR	AGAP010420-PA	-	37	0.002565 555	2	986.527	0.39	Salivary gland	3L:-:3013530-3013507	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_30925	GDFATVASICVASYPEQTDSPWKDESI EK	AGAP010420-PA	C10(Carbamidomethyl)	100	1.16E-09	1	3230.484	0.13	Ovary	3L:-:3013026-3012940	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_31346	TDAYFICSDEGVR	AGAP010420-PA	C7(Carbamidomethyl)	49	6.13E-05	2	1532.670	1.02	Ovary	3L:-:3012861-3012823	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_31587	LLSPFMPFITEELYQR	AGAP010420-PA	-	103	6.61E-10	1	1984.024	-0.36	Salivary gland	3L:-:3013083-3013036	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_33041	ITPAHDPNDYDVGKR	AGAP010420-PA	-	53	8.30E-05	1	1697.827	1.7	Malpighian tubule	3L:-:3014559-3014515	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_34133	TDAYFICSDEGVR	AGAP010420-PA	C7(Carbamidomethyl)	53	3.25E-05	2	1532.674	3.49	Salivary gland	3L:-:3012861-3012823	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_34382	GLIEVDKEIEK	AGAP010420-PA	-	57	2.40E-05	1	1272.703	-0.95	Midgut	3L:-:3012690-3012658	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_36609	NLSDENLWFVGR	AGAP010420-PA	-	56	4.32E-05	2	1449.714	1.54	Visceras	3L:-:3014094-3014059	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_37279	YDIITSLDGLESNLDR	AGAP010420-PA	-	95	5.75E-09	1	1823.908	3.17	Head	3L:-:3013425-3015351,3012475-3013303	exon=> In CDS Exon 4 and 3 of transcript AGAP010420-PA
JHU_Ag_37878	IPAYQVVFKDPAK	AGAP010420-PA	-	68	9.78E-07	2	1475.829	2.47	Salivary gland	3L:-:3014142-3014104	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_40229	VIGSESDEIVVATTR	AGAP010420-PA	-	100	1.34E-09	2	1575.824	1.11	Male reproductive organs	3L:-:3014766-3014722	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_40246	SVFQTNDESAK	AGAP010420-PA	-	43	0.000652 351	2	1225.570	0.25	Head	3L:-:3013164-3013132	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_43131	FALMYFPGAEK	AGAP010420-PA	-	45	0.000489 966	1	1273.628	-0.31	Midgut	3L:-:3013458-3013426	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_43887	KQEALQQTIAK	AGAP010420-PA	-	39	0.001426 612	1	1257.717	0.72	Pupa	3L:-:3012648-3012616	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_44587	IPAYQVVFK	AGAP010420-PA	-	33	0.002014 024	2	1064.615	0.7	Malpighian tubule	3L:-:3014142-3014116	exon=> In CDS Exon 3 of transcript AGAP010420-PA

JHU_Ag_46722	FALCAYMTQAR	AGAP010420-PA	C4(Carbamidomethyl),"C4 (Carbamidomethyl), M7(Oxidation)"	54	4.55E-05	2	1347.625	4.62	Malpighian tubule	3L:-:3013563-3013531	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_46837	LAGCIETANR	AGAP010420-PA	C4(Carbamidomethyl)	61	1.33E-05	2	1104.542	-4.42	Salivary gland	3L:-:3013287-3013258	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_47196	NLSDENLWFVGR	AGAP010420-PA	-	84	6.44E-08	2	1449.713	0.78	Ovary	3L:-:3014094-3014059	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_48409	LAGCIETANR	AGAP010420-PA	C4(Carbamidomethyl)	55	5.87E-05	2	1104.546	-0.88	Male reproductive organs	3L:-:3013287-3013258	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_48996	NLSDENLWFVGR	AGAP010420-PA	-	79	1.91E-07	2	1449.711	-0.73	Male reproductive organs	3L:-:3014094-3014059	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_50457	TGALAITPDVHKK	AGAP010420-PA	-	67	9.12E-07	1	1350.781	4.83	Malpighian tubule	3L:-:3014250-3014212	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_53028	TGALAITPDVHKK	AGAP010420-PA	-	44	0.000168305	1	1350.769	-3.92	Head	3L:-:3014250-3014212	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_53338	TGALAITPDVHKK	AGAP010420-PA	-	34	0.001390159	2	1350.783	6.73	Ovary	3L:-:3014250-3014212	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_53516	SAISDIEVDKVEVSGR	AGAP010420-PA	-	119	1.85E-11	1	1703.882	0.45	Ovary	3L:-:3014883-3014836	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_54903	FALMYFPGAEK	AGAP010420-PA	M4(Oxidation)	49	0.000212646	2	1273.630	1.03	Ovary	3L:-:3013458-3013426	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_58416	NLSDENLWFVGR	AGAP010420-PA	N6(Deamidated),N1(Deamidated)	41	0.001253487	1	1450.711	10.2	Midgut	3L:-:3014094-3014059	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_58515	MVFFGQTLLGK	AGAP010420-PA	M1(Oxidation)	62	5.83E-06	2	1240.676	0.33	Ovary	3L:-:3013836-3013804	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_60213	ITPAHDPNDYDVGK	AGAP010420-PA	-	35	0.004582818	2	1541.727	2.58	Ovary	3L:-:3014559-3014518	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_61338	YDIITSLDGLESNLDR	AGAP010420-PA	-	81	1.31E-07	2	1823.921	10.13	Larva	3L:-:3013425-3015351,3012475-3013303	exon=> In CDS Exon 4 and 3 of transcript AGAP010420-PA
JHU_Ag_63330	AILVALQEK	AGAP010420-PA	-	49	4.51E-05	1	984.610	0.88	Malpighian tubule	3L:-:3014418-3014392	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_68220	YDIITSLDGLESNLDR	AGAP010420-PA	-	91	1.34E-08	2	1823.903	0.16	Malpighian tubule	3L:-:3013425-3015351,3012475-3013303	exon=> In CDS Exon 4 and 3 of transcript AGAP010420-PA
JHU_Ag_69293	VIGSESDEIVVATTR	AGAP010420-PA	-	90	1.42E-08	2	1575.827	2.73	Salivary gland	3L:-:3014766-3014722	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_70691	YDIITSLDGLESNLDR	AGAP010420-PA	-	86	4.10E-08	2	1823.913	5.65	Midgut	3L:-:3013425-3015351,3012475-3013303	exon=> In CDS Exon 4 and 3 of transcript AGAP010420-PA
JHU_Ag_73076	YDIITSLDGLESNLDR	AGAP010420-PA	-	100	1.58E-09	1	1823.905	1.7	Salivary gland	3L:-:3013425-3015351,3012475-3013303	exon=> In CDS Exon 4 and 3 of transcript AGAP010420-PA
JHU_Ag_73119	IPAYQVVFKDPAK	AGAP010420-PA	-	32	0.004459976	1	1475.825	-0.18	Male reproductive organs	3L:-:3014142-3014104	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_73235	GLIEVDKEIEK	AGAP010420-PA	-	43	0.000532103	1	1272.704	-0.38	Salivary gland	3L:-:3012690-3012658	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_76698	LGSSFDWDRACFTMDPK	AGAP010420-PA	C11(Carbamidomethyl), M14(Oxidation)	32	0.004498814	1	2048.892	3.61	Malpighian tubule	3L:-:3015030-3014980	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_77302	SLGNVIDPMDVITGISLEGLHK	AGAP010420-PA	-	39	0.001208899	1	2308.224	0.87	Salivary gland	3L:-:3013737-3013672	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_79860	KQEALQQTIAK	AGAP010420-PA	-	65	3.09E-06	1	1257.720	3.24	Ovary	3L:-:3012648-3012616	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_80458	QQQEQQAAEKPK	AGAP010420-PA	-	50	0.000121857	1	1412.715	1.33	Salivary gland	3L:-:3015861-3015826	exon=> In CDS Exon 1 of transcript AGAP010420-PA

JHU_Ag_80737	TLYTCLNLGLK	AGAP010420-PA	C5(Carbamidomethyl)	44	0.000301409	2	1295.711	6.3	Malpighian tubule	3L:-:3013116-3013084	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_81357	SKDIVEPLIKPQWYVK	AGAP010420-PA	-	78	4.68E-08	1	1943.106	3.14	Malpighian tubule	3L:-:3014337-3014290	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_82425	NLSDENLWFVGR	AGAP010420-PA	-	57	3.31E-05	2	1449.717	3.39	Salivary gland	3L:-:3014094-3014059	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_84229	LAGCIETANR	AGAP010420-PA	C4(Carbamidomethyl)	57	3.33E-05	2	1104.550	2.88	Ovary	3L:-:3013287-3013258	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_85894	QDYPNGIPECGTDALR	AGAP010420-PA	C10(Carbamidomethyl)	39	0.001468269	2	1805.810	-1.59	Head	3L:-:3013611-3013564	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_88029	AILVALQEK	AGAP010420-PA	-	41	0.000287123	2	984.615	6.58	Ovary	3L:-:3014418-3014392	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_88441	GLIEVDKEIEK	AGAP010420-PA	-	61	8.96E-06	1	1272.711	4.7	Malpighian tubule	3L:-:3012690-3012658	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_89769	SDYNIPNKTK	AGAP010420-PA	-	35	0.004901368	1	1179.604	2.64	Malpighian tubule	3L:-:3012891-3012862	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_89952	MVFFGQTLLGK	AGAP010420-PA	M1(Oxidation)	34	0.00422114	2	1256.673	2.04	Malpighian tubule	3L:-:3013836-3013804	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_90237	IPAYQVVFKDPAK	AGAP010420-PA	-	42	0.00031769	2	1475.834	5.53	Malpighian tubule	3L:-:3014142-3014104	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_90341	KQEALQQTIAK	AGAP010420-PA	-	79	1.34E-07	1	1257.717	0.92	Head	3L:-:3012648-3012616	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_91043	LVNWSCTLR	AGAP010420-PA	C6(Carbamidomethyl)	42	0.001109599	2	1148.589	0.36	Ovary	3L:-:3014910-3014884	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_91216	KQEALQQTIAK	AGAP010420-PA	-	64	3.50E-06	1	1257.721	3.92	Malpighian tubule	3L:-:3012648-3012616	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_92849	VIGSESDEIVVATTR	AGAP010420-PA	-	132	1.00E-12	1	1575.827	2.81	Ovary	3L:-:3014766-3014722	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_94647	DINLDIQR	AGAP010420-PA	-	59	1.44E-05	2	986.529	2.55	Malpighian tubule	3L:-:3013530-3013507	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_98569	IPAYQVVFKDPAK	AGAP010420-PA	-	66	1.67E-06	1	1475.828	1.73	Ovary	3L:-:3014142-3014104	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_102181	FALCAYMTQAR	AGAP010420-PA	C4(Carbamidomethyl), M7(Oxidation)	41	0.000862079	2	1347.620	1.17	Ovary	3L:-:3013563-3013531	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_102981	MVFFGQTLLGK	AGAP010420-PA	-	50	8.39E-05	1	1240.676	0.03	Midgut	3L:-:3013836-3013804	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_104429	NLSDENLWFVGR	AGAP010420-PA	-	68	2.63E-06	2	1449.714	1.2	Head	3L:-:3014094-3014059	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_105214	ITPAHDPNDYDVGK	AGAP010420-PA	-	44	0.000546436	1	1541.728	3.29	Head	3L:-:3014559-3014518	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_105477	NLSDENLWFVGR	AGAP010420-PA	-	69	2.24E-06	2	1449.718	3.81	Malpighian tubule	3L:-:3014094-3014059	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_105608	KQEALQQTIAK	AGAP010420-PA	-	62	6.64E-06	2	1257.715	-1.32	Midgut	3L:-:3012648-3012616	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_108319	SKDIVEPLIKPQWYVK	AGAP010420-PA	-	52	2.15E-05	1	1943.101	0.4	Male reproductive organs	3L:-:3014337-3014290	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_109409	YDIITSLDGLESNLDR	AGAP010420-PA	-	81	1.28E-07	2	1823.910	4.11	Visceras	3L:-:3013425-3015351,3012475-3013303	exon=> In CDS Exon 4 and 3 of transcript AGAP010420-PA
JHU_Ag_109544	YQHLHGK	AGAP010420-PA	-	43	0.000528836	1	882.458	0.33	Salivary gland	3L:-:3014667-3014647	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_109720	LLSPFMPFITEELYQR	AGAP010420-PA	M6(Oxidation)	45	0.000414209	1	2000.022	0.9	Ovary	3L:-:3013083-3013036	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_112453	LVNWSCTLR	AGAP010420-PA	C6(Carbamidomethyl)	43	0.000727518	2	1148.591	2.91	Salivary gland	3L:-:3014910-3014884	exon=> In CDS Exon 3 of transcript AGAP010420-PA

JHU_Ag_112776	SAISDIEVDKVEVSGR	AGAP010420-PA	-	84	5.25E-08	1	1703.881	-0.12	Male reproductive organs	3L:-:3014883-3014836	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_112844	TGALAITPDVHK	AGAP010420-PA	-	41	0.000501639	1	1222.683	3.24	Malpighian tubule	3L:-:3014250-3014215	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_114507	LQQAMAVPNYANK	AGAP010420-PA	M5(Oxidation)	47	0.000287673	2	1463.735	2.38	Malpighian tubule	3L:-:3012615-3012577	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_115056	LGSSFDWDR	AGAP010420-PA	-	42	0.000587181	2	1082.493	2.56	Salivary gland	3L:-:3015030-3015004	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_115155	SAISDIEVDKVEVSGR	AGAP010420-PA	-	98	2.47E-09	1	1703.886	2.67	Malpighian tubule	3L:-:3014883-3014836	exon=> In CDS Exon 3 of transcript AGAP010420-PA
JHU_Ag_115964	GLIEVDKEIEK	AGAP010420-PA	-	75	4.05E-07	1	1272.703	-1.24	Ovary	3L:-:3012690-3012658	exon=> In CDS Exon 4 of transcript AGAP010420-PA
JHU_Ag_525	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	92	9.63E-09	1	1817.934	4.52	Visceras	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_915	VFLLGEEVAQYDGAYK	AGAP010421-PA	-	132	9.77E-13	2	1801.900	-0.65	Midgut	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_2338	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	103	6.65E-10	1	1817.934	4.52	Male reproductive organs	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_2486	NFVLPIGK	AGAP010421-PA	-	55	2.25E-05	1	887.536	0.63	Head	3L:+:3019703-3019726	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_3081	VVSPYDSEDAK	AGAP010421-PA	-	47	0.000216081	2	1209.563	-0.42	Visceras	3L:+:3019442-3019474	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_3171	DALNAALDEEMERDEK	AGAP010421-PA	M11(Oxidation)	39	0.000940706	1	1864.821	-1.11	Ovary	3L:+:3018632-3018679	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_3898	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	115	5.29E-11	1	1504.771	2.09	Visceras	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_4681	DALNAALDEEMERDEK	AGAP010421-PA	M11(Oxidation)	65	2.90E-06	1	1864.829	3.15	Head	3L:+:3018632-3018679	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_4927	VTGADVPMPYAK	AGAP010421-PA	M8(Oxidation)	71	1.32E-06	1	1264.624	-0.25	Midgut	3L:+:3020115-3020121,3020207-3020235	exon=> In CDS Exon 5 and 6 of transcript AGAP010421-PA
JHU_Ag_6801	VVSPYDSEDAK	AGAP010421-PA	-	65	4.05E-06	1	1209.567	3.11	Malpighian tubule	3L:+:3019442-3019474	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_8443	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	64	5.08E-06	2	1817.941	8.68	Larva	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_9546	VTGADVPMPYAK	AGAP010421-PA	M8(Oxidation)	77	3.64E-07	1	1264.625	0.91	Visceras	3L:+:3020115-3020121,3020207-3020235	exon=> In CDS Exon 5 and 6 of transcript AGAP010421-PA
JHU_Ag_13339	GIEAEVINLR	AGAP010421-PA	-	82	6.22E-08	2	1113.628	1.93	Salivary gland	3L:+:3019823-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_14312	GIEAEVINLR	AGAP010421-PA	-	50	0.000107208	1	1113.626	-0.3	Head	3L:+:3019823-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_14679	GPNGAAAGVAAQHSQCFGAWYSHCPGLK	AGAP010421-PA	N3(Deamidated), C16(Carbamidomethyl), C24(Carbamidomethyl)	69	1.25E-06	1	2900.302	1	Male reproductive organs	3L:+:3019358-3019441	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_14983	VVSPYDSEDAK	AGAP010421-PA	-	47	0.000259529	1	1209.564	0.65	Midgut	3L:+:3019442-3019474	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_16256	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	81	1.07E-07	2	1817.930	2.57	Head	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_16545	VVSPYDSEDAK	AGAP010421-PA	-	48	0.000193232	2	1209.563	-0.32	Head	3L:+:3019442-3019474	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_18383	VFLLGEEVAQYDGAYK	AGAP010421-PA	-	155	4.28E-15	1	1801.903	1.18	Pupa	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_18408	DALNAALDEEMERDEK	AGAP010421-PA	M11(Oxidation)	107	2.01E-10	1	1848.832	2.01	Midgut	3L:+:3018632-3018679	exon=> In CDS Exon 1 of transcript AGAP010421-PA

JHU_Ag_18765	THHLVTVEQGWPQGGIGSEICAR	AGAP010421-PA	C21(Carbamidomethyl)	110	1.77E-10	1	2532.236	-1.96	Midgut	3L:+:3019901-3019943,3020041-3020066	exon=> In CDS Exon 4 and 5 of transcript AGAP010421-PA
JHU_Ag_19760	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	87	2.88E-08	1	1801.938	4.11	Malpighian tubule	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_20386	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	90	4.94E-09	1	1936.077	1.16	Visceras	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_20707	SLRPMDSETIFK	AGAP010421-PA	M5(Oxidation)	48	0.000233948	1	1439.719	-0.42	Male reproductive organs	3L:+:3019853-3019888	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_21511	THHLVTVEQGWPQGGIGSEICAR	AGAP010421-PA	C21(Carbamidomethyl)	114	6.66E-11	1	2532.243	0.72	Male reproductive organs	3L:+:3019901-3019943,3020041-3020066	exon=> In CDS Exon 4 and 5 of transcript AGAP010421-PA
JHU_Ag_23219	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	45	0.000136175	1	1936.075	-0.23	Male reproductive organs	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_26306	NFVLPIGK	AGAP010421-PA	-	45	0.000275186	1	887.536	1.53	Male reproductive organs	3L:+:3019703-3019726	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_27377	VVSPYDSEDAKGLLK	AGAP010421-PA	-	85	3.71E-08	1	1620.852	2.75	Malpighian tubule	3L:+:3019442-3019475,3019599-3019609	exon=> In CDS Exon 3 and 4 of transcript AGAP010421-PA
JHU_Ag_29175	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	66	3.92E-06	2	1520.762	-0.29	Salivary gland	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_29775	VFLLGEEVAQYDGAYK	AGAP010421-PA	-	158	2.54E-15	1	1801.907	3.41	Head	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_30039	GIEAEVINLR	AGAP010421-PA	-	57	1.81E-05	2	1113.627	0.84	Ovary	3L:+:3019823-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_36269	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	63	2.47E-06	1	1936.075	0.15	Midgut	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_36425	IMRPGKHITLVAHSK	AGAP010421-PA	-	81	1.51E-08	1	1687.982	2.01	Malpighian tubule	3L:+:3019733-3019777	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_38973	THHLVTVEQGWPQGGIGSEICAR	AGAP010421-PA	C21(Carbamidomethyl)	68	2.25E-06	1	2532.246	1.87	Head	3L:+:3019901-3019943,3020041-3020066	exon=> In CDS Exon 4 and 5 of transcript AGAP010421-PA
JHU_Ag_42750	DALNAALDEEMERDEK	AGAP010421-PA	M11(Oxidation)	37	0.001489902	1	1864.821	-1.21	Salivary gland	3L:+:3018632-3018679	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_43588	DALNAALDEEMER	AGAP010421-PA	M11(Oxidation)	86	2.18E-08	1	1492.659	0.4	Male reproductive organs	3L:+:3018632-3018670	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_45376	SLRPMDSETIFK	AGAP010421-PA	M5(Oxidation)	89	2.12E-08	1	1439.720	0.09	Ovary	3L:+:3019853-3019888	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_46439	THHLVTVEQGWPQGGIGSEICAR	AGAP010421-PA	C21(Carbamidomethyl)	168	2.53E-16	1	2532.247	2.38	Malpighian tubule	3L:+:3019901-3019943,3020041-3020066	exon=> In CDS Exon 4 and 5 of transcript AGAP010421-PA
JHU_Ag_46658	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	117	2.96E-11	1	1817.929	2.17	Ovary	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_47139	GPNGAAAGVAAQHSQCFGAWYSHCPGLK	AGAP010421-PA	C16(Carbamidomethyl), C24(Carbamidomethyl)	140	1.04E-13	1	2899.314	-0.33	Head	3L:+:3019358-3019441	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_48041	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	96	1.29E-09	1	1936.075	-0.16	Salivary gland	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_48078	SLRPMDSETIFK	AGAP010421-PA	M5(Oxidation)	70	1.29E-06	1	1423.730	3.19	Malpighian tubule	3L:+:3019853-3019888	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_49192	SVETAMLAANELAGKGIEAEVINLR	AGAP010421-PA	M6(Oxidation)	224	3.61E-22	1	2615.382	4.05	Malpighian tubule	3L:+:3019778-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_49284	VVSPYDSEDAK	AGAP010421-PA	-	36	0.003163631	1	1209.564	0.49	Male reproductive organs	3L:+:3019442-3019474	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_49521	SLRPMDSETIFK	AGAP010421-PA	M5(Oxidation)	94	6.43E-09	1	1423.727	1.64	Head	3L:+:3019853-3019888	exon=> In CDS Exon 4 of transcript AGAP010421-PA

JHU_Ag_49854	IMEHETFFHLDAPIWR	AGAP010421-PA	M2(Oxidation)	126	3.83E-12	1	2057.991	0.28	Visceras	3L:+:3020067-3020114	exon=> In CDS Exon 5 of transcript AGAP010421-PA
JHU_Ag_52056	VTGADVPMPYAK	AGAP010421-PA	M8(Oxidation)	78	2.69E-07	1	1248.631	1.44	Malpighian tubule	3L:+:3020115-3020121,3020207-3020235	exon=> In CDS Exon 5 and 6 of transcript AGAP010421-PA
JHU_Ag_55414	IMEHETFFHLDAPIWR	AGAP010421-PA	M2(Oxidation)	55	5.94E-05	1	2058.001	5.42	Salivary gland	3L:+:3020067-3020114	exon=> In CDS Exon 5 of transcript AGAP010421-PA
JHU_Ag_58003	HITLVAHSK	AGAP010421-PA	-	68	9.41E-07	1	1005.587	2.68	Larva	3L:+:3019751-3019777	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_59577	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	69	6.00E-07	1	1936.074	-0.48	Head	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_60719	AAIRDPDPVVVLENEMVYGVSYPVSDQVLDK	AGAP010421-PA	M16(Oxidation)	43	0.000477529	3	3433.717	-0.86	Midgut	3L:+:3019610-3019702	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_63935	TLEAAALPQVPDVVTAVNKVLGVK	AGAP010421-PA	-	36	0.000215141	1	2432.425	5.18	Malpighian tubule	3L:+:3020236-3020307	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_64242	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	93	9.52E-09	1	1520.763	0.51	Male reproductive organs	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_64603	IMEHETFFHLDAPIWR	AGAP010421-PA	M2(Oxidation)	120	1.89E-11	1	2057.995	2.39	Pupa	3L:+:3020067-3020114	exon=> In CDS Exon 5 of transcript AGAP010421-PA
JHU_Ag_67035	AAIRDPDPVVVLENEMVYGVSYPVSDQVLDK	AGAP010421-PA	M16(Oxidation)	52	6.09E-05	1	3433.731	3.3	Visceras	3L:+:3019610-3019702	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_67395	VFLLGEEVAQYDGAYK	AGAP010421-PA	-	123	6.64E-12	1	1801.903	1.51	Salivary gland	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_67943	VTGADVPMPYAK	AGAP010421-PA	M8(Oxidation)	46	0.000395263	2	1264.626	1.39	Salivary gland	3L:+:3020115-3020121,3020207-3020235	exon=> In CDS Exon 5 and 6 of transcript AGAP010421-PA
JHU_Ag_69489	IMEHETFFHLDAPIWR	AGAP010421-PA	M2(Oxidation)	64	6.11E-06	1	2057.993	1.5	Head	3L:+:3020067-3020114	exon=> In CDS Exon 5 of transcript AGAP010421-PA
JHU_Ag_73942	DALNAALDEEMER	AGAP010421-PA	M11(Oxidation)	96	1.86E-09	1	1492.658	-0.01	Pupa	3L:+:3018632-3018670	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_74715	IMEHETFFHLDAPIWR	AGAP010421-PA	M2(Oxidation)	123	9.51E-12	1	2057.999	4.35	Malpighian tubule	3L:+:3020067-3020114	exon=> In CDS Exon 5 of transcript AGAP010421-PA
JHU_Ag_75079	VFLLGEEVAQYDGAYK	AGAP010421-PA	-	128	2.22E-12	1	1801.901	-0.11	Ovary	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_76963	HITLVAHSK	AGAP010421-PA	-	58	9.41E-06	1	1005.584	0.44	Head	3L:+:3019751-3019777	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_77515	VFLLGEEVAQYDGAYK	AGAP010421-PA	-	132	9.93E-13	1	1801.902	0.84	Male reproductive organs	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_78218	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	108	2.42E-10	2	1801.931	-0.02	Midgut	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_78457	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	107	3.43E-10	2	1520.763	0.59	Pupa	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_79210	DALNAALDEEMER	AGAP010421-PA	M11(Oxidation)	101	6.01E-10	1	1492.658	-0.01	Visceras	3L:+:3018632-3018670	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_81505	VVSPYDSEDAK	AGAP010421-PA	-	38	0.001782701	2	1209.563	-0.12	Ovary	3L:+:3019442-3019474	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_81740	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	123	7.42E-12	1	1504.769	1.19	Malpighian tubule	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_83826	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	108	8.32E-11	1	1936.074	-0.42	Ovary	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_84138	VFLLGEEVAQYDGAYK	AGAP010421-PA	Q10(Deamidated)	147	3.09E-14	1	1801.905	2.12	Visceras	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_85865	GPNGAAAGVAAQHSQCFGAWYSHCPGLK	AGAP010421-PA	N3(Deamidated), C16(Carbamidomethyl), C24(Carbamidomethyl)	52	6.21E-05	1	2900.304	1.63	Pupa	3L:+:3019358-3019441	exon=> In CDS Exon 3 of transcript AGAP010421-PA

JHU_Ag_90323	DALNAALDEEMER	AGAP010421-PA	M11(Oxidation)	109	1.35E-10	1	1476.665	1.18	Head	3L:+:3018632-3018670	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_90580	IMEHETFFHLDAPIWR	AGAP010421-PA	M2(Oxidation)	120	1.63E-11	1	2057.990	-0.19	Male reproductive organs	3L:+:3020067-3020114	exon=> In CDS Exon 5 of transcript AGAP010421-PA
JHU_Ag_90998	GIEAEVINLR	AGAP010421-PA	-	82	6.43E-08	2	1113.627	0.51	Pupa	3L:+:3019823-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_91224	GIEAEVINLR	AGAP010421-PA	-	73	4.97E-07	2	1113.626	-0.04	Midgut	3L:+:3019823-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_91390	AAIRDPDPVVVLENEMVYGVSYPVSDQVLDK	AGAP010421-PA	M16(Oxidation)	53	4.53E-05	3	3433.731	3.3	Pupa	3L:+:3019610-3019702	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_91410	GPNGAAAGVAAQHSQCFGAWYSHCPGLK	AGAP010421-PA	N3(Deamidated), C16(Carbamidomethyl), C24(Carbamidomethyl)	179	1.22E-17	1	2900.305	2	Malpighian tubule	3L:+:3019358-3019441	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_92472	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	94	1.69E-09	1	1936.076	0.59	Pupa	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_93221	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	92	9.92E-09	2	1817.931	3.11	Salivary gland	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_94950	DALNAALDEEMER	AGAP010421-PA	M11(Oxidation)	59	9.29E-06	2	1492.661	1.63	Salivary gland	3L:+:3018632-3018670	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_95278	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	107	3.75E-10	1	1520.763	0.35	Ovary	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_95330	DALNAALDEEMERDEK	AGAP010421-PA	M11(Oxidation)	109	1.28E-10	1	1848.832	2.01	Malpighian tubule	3L:+:3018632-3018679	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_96645	VTGADVPMPYAK	AGAP010421-PA	M8(Oxidation)	50	0.000172526	2	1264.623	-1.12	Pupa	3L:+:3020115-3020121,3020207-3020235	exon=> In CDS Exon 5 and 6 of transcript AGAP010421-PA
JHU_Ag_97960	VVSPYDSEDAK	AGAP010421-PA	-	56	2.41E-05	2	1209.561	-2.03	Pupa	3L:+:3019442-3019474	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_99650	DALNAALDEEMERDEK	AGAP010421-PA	M11(Oxidation)	121	8.99E-12	1	1848.831	1.35	Visceras	3L:+:3018632-3018679	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_99871	VTGADVPMPYAK	AGAP010421-PA	M8(Oxidation)	69	2.44E-06	1	1264.624	-0.06	Male reproductive organs	3L:+:3020115-3020121,3020207-3020235	exon=> In CDS Exon 5 and 6 of transcript AGAP010421-PA
JHU_Ag_100206	NFVLPIGK	AGAP010421-PA	-	49	8.80E-05	1	887.536	0.63	Midgut	3L:+:3019703-3019726	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_101536	HITLVAHSK	AGAP010421-PA	-	68	9.83E-07	1	1005.584	0.25	Visceras	3L:+:3019751-3019777	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_102306	GPNGAAAGVAAQHSQCFGAWYSHCPGLK	AGAP010421-PA	N3(Deamidated), C16(Carbamidomethyl), C24(Carbamidomethyl),"C16(Carbamidomethyl), C24(Carbamidomethyl)"	80	1.29E-07	1	2899.324	2.89	Salivary gland	3L:+:3019358-3019441	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_102564	GIEAEVINLR	AGAP010421-PA	-	82	5.54E-08	2	1113.630	3.47	Visceras	3L:+:3019823-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_103390	NFVLPIGK	AGAP010421-PA	-	47	0.000148478	1	887.536	1.11	Pupa	3L:+:3019703-3019726	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_103620	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	125	5.02E-12	2	1520.761	-0.85	Midgut	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_104433	GIEAEVINLR	AGAP010421-PA	-	83	4.49E-08	2	1113.630	2.92	Malpighian tubule	3L:+:3019823-3019852	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_106259	TFYMSAGTVNVPIVFR	AGAP010421-PA	M4(Oxidation)	120	1.44E-11	2	1801.936	2.96	Pupa	3L:+:3019310-3019357	exon=> In CDS Exon 3 of transcript AGAP010421-PA

JHU_Ag_106817	SVETAMLAANELAGK	AGAP010421-PA	M6(Oxidation)	112	1.08E-10	1	1520.764	1.23	Head	3L:+:3019778-3019822	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_106838	TLEAAALPQVPDVVTAVNK	AGAP010421-PA	-	67	9.31E-07	1	1936.083	3.93	Malpighian tubule	3L:+:3020236-3020292	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_107172	THHLVTVEQGWPQGGIGSEICAR	AGAP010421-PA	C21(Carbamidomethyl)	160	1.72E-15	1	2532.249	3.1	Visceras	3L:+:3019901-3019943,3020041-3020066	exon=> In CDS Exon 4 and 5 of transcript AGAP010421-PA
JHU_Ag_107867	GPNGAAAGVAAQHSQCFGAWYSHCPGLK	AGAP010421-PA	N3(Deamidated), C16(Carbamidomethyl), C24(Carbamidomethyl),"C16(Carbamidomethyl), C24(Carbamidomethyl)"	170	1.08E-16	1	2899.322	2.3	Visceras	3L:+:3019358-3019441	exon=> In CDS Exon 3 of transcript AGAP010421-PA
JHU_Ag_108534	IMEHETFFHLDAPIWR	AGAP010421-PA	M2(Oxidation)	116	3.45E-11	1	2041.993	-1.12	Midgut	3L:+:3020067-3020114	exon=> In CDS Exon 5 of transcript AGAP010421-PA
JHU_Ag_108997	VLGVK	AGAP010421-PA	-	29	0.003028071	1	515.355	0.54	Visceras	3L:+:3020293-3020307	exon=> In CDS Exon 6 of transcript AGAP010421-PA
JHU_Ag_108998	SLRPMDSETIFK	AGAP010421-PA	M5(Oxidation)	87	2.74E-08	1	1423.727	1.61	Visceras	3L:+:3019853-3019888	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_109666	THHLVTVEQGWPQGGIGSEICAR	AGAP010421-PA	C21(Carbamidomethyl)	154	5.92E-15	1	2532.256	5.7	Ovary	3L:+:3019901-3019943,3020041-3020066	exon=> In CDS Exon 4 and 5 of transcript AGAP010421-PA
JHU_Ag_110009	AAIRDPDPVVVLENEMVYGVSYPVSDQVLDK	AGAP010421-PA	M16(Oxidation)	66	2.34E-06	1	3433.723	1.06	Head	3L:+:3019610-3019702	exon=> In CDS Exon 4 of transcript AGAP010421-PA
JHU_Ag_110240	THHLVTVEQGWPQGGIGSEICAR	AGAP010421-PA	C21(Carbamidomethyl)	150	1.56E-14	1	2532.239	-0.95	Pupa	3L:+:3019901-3019943,3020041-3020066	exon=> In CDS Exon 4 and 5 of transcript AGAP010421-PA
JHU_Ag_110609	VFLLGEEVAQYDGAYK	AGAP010421-PA	-	137	2.71E-13	1	1801.904	1.92	Malpighian tubule	3L:+:3018680-3018727	exon=> In CDS Exon 1 of transcript AGAP010421-PA
JHU_Ag_114349	VTGADVPMPYAK	AGAP010421-PA	M8(Oxidation)	72	1.18E-06	1	1264.625	0.62	Head	3L:+:3020115-3020121,3020207-3020235	exon=> In CDS Exon 5 and 6 of transcript AGAP010421-PA
JHU_Ag_13387	GNKYSLVIR	AGAP010422-PA	-	35	0.001274838	1	1049.609	-0.78	Male reproductive organs	3L:+:3072508-3072534	exon=> In CDS Exon 5 of transcript AGAP010422-PA
JHU_Ag_89866	GNKYSLVIR	AGAP010422-PA	-	32	0.002493354	1	1049.611	0.27	Ovary	3L:+:3072508-3072534	exon=> In CDS Exon 5 of transcript AGAP010422-PA
JHU_Ag_100817	GNKYSLVIR	AGAP010422-PA	-	32	0.002647182	1	1049.611	0.38	Head	3L:+:3072508-3072534	exon=> In CDS Exon 5 of transcript AGAP010422-PA
JHU_Ag_330	LFNYSEYEVLR	AGAP010428-PA	-	81	1.54E-07	1	1432.713	1.87	Malpighian tubule	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_1174	YFGLHIAQDNSVVAR	AGAP010428-PA	-	98	2.31E-09	2	1689.875	2.52	Visceras	3L:-:3187816-3187772	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_1231	FLNEFDR	AGAP010428-PA	-	46	0.00026205	2	940.452	-0.55	Male reproductive organs	3L:-:3183989-3183969	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_1310	LNDLEGGLNEFTQGYK	AGAP010428-PA	-	126	3.75E-12	1	1797.874	4.73	Ovary	3L:-:3187864-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_1414	YHWLDCLPAYVSWK	AGAP010428-PA	C6(Carbamidomethyl)	68	2.15E-06	1	1837.875	0.8	Malpighian tubule	3L:-:3183944-3183903	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_2399	IYECHVGIATEEYGVGTYRNFADNIIPR	AGAP010428-PA	C4(Carbamidomethyl)	88	1.99E-08	1	3257.594	7.71	Malpighian tubule	3L:-:3185200-3185117	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_2457	VVLSSDDAEFGGFNR	AGAP010428-PA	-	121	1.22E-11	1	1612.762	1.01	Ovary	3L:-:3183782-3183738	exon=> In CDS Exon 4 of transcript AGAP010428-PA

JHU_Ag_2949	FDGVTSMLYHSR	AGAP010428-PA	-	50	0.000120025	1	1412.664	0.52	Ovary	3L:-:3184655-3184620	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_3896	VGNNDSYHYAR	AGAP010428-PA	-	91	8.42E-09	1	1295.575	-0.67	Pupa	3L:-:3184064-3184032	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_3968	VVLSSDDAEFGGFNRIDK	AGAP010428-PA	-	47	0.000276116	1	1968.968	0.73	Visceras	3L:-:3183782-3183729	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_4448	NTQDGLNQFDGTNACYFHDGSR	AGAP010428-PA	C15(Carbamidomethyl)	118	4.77E-12	1	2517.052	1.46	Malpighian tubule	3L:-:3184912-3184847	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_4781	FLLSNLR	AGAP010428-PA	-	36	0.0013224	2	862.517	3.21	Head	3L:-:3184712-3184692	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_5798	NHIQLYLPCR	AGAP010428-PA	C9(Carbamidomethyl)	63	6.00E-06	1	1313.678	-0.33	Head	3L:-:3183683-3183654	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_6956	SDEEWNIGNIVHTLTNR	AGAP010428-PA	-	97	2.90E-09	2	1997.976	4.07	Malpighian tubule	3L:-:3184373-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_7262	RQWHLVDDQLLK	AGAP010428-PA	-	67	1.99E-06	1	1550.844	-0.04	Pupa	3L:-:3184031-3183996	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_7678	VVLSSDDAEFGGFNR	AGAP010428-PA	-	120	1.65E-11	2	1612.761	0.63	Pupa	3L:-:3183782-3183738	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_7826	ALRIYECHVGIATEEYGVGTYR	AGAP010428-PA	C7(Carbamidomethyl)	110	1.57E-10	1	2557.265	5.77	Malpighian tubule	3L:-:3185209-3185144	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_7865	VGNNDSYHYAR	AGAP010428-PA	N4(Deamidated),N3(Deamidated)	85	3.77E-08	1	1295.579	1.96	Malpighian tubule	3L:-:3184064-3184032	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_8960	YFGLHIAQDNSVVAR	AGAP010428-PA	-	60	1.58E-05	1	1689.873	1.51	Ovary	3L:-:3187816-3187772	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_9824	LFELDPYLK	AGAP010428-PA	-	52	5.17E-05	1	1137.623	3.16	Head	3L:-:3188474-3188448	exon=> In CDS Exon 1 of transcript AGAP010428-PA
JHU_Ag_12311	IGVELAGK	AGAP010428-PA	-	43	0.000281312	2	786.471	-1.01	Head	3L:-:3183812-3183789	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_14514	VGNNDSYHYARR	AGAP010428-PA	-	44	0.000647919	1	1451.682	3.13	Malpighian tubule	3L:-:3184064-3184029	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_14995	FLLSNLR	AGAP010428-PA	-	45	0.000204133	2	862.514	-0.96	Pupa	3L:-:3184712-3184692	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_16633	NTEFRGWIK	AGAP010428-PA	-	48	0.000214966	1	1150.606	5.17	Malpighian tubule	3L:-:3187894-3187868	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_16750	VVLSSDDAEFGGFNR	AGAP010428-PA	-	101	1.18E-09	2	1612.756	-2.47	Midgut	3L:-:3183782-3183738	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_17167	EWAPGAK	AGAP010428-PA	-	43	0.000237686	1	758.386	3.9	Malpighian tubule	3L:-:3187771-3187751	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_17646	TKSDEEWNIGNIVHTLTNR	AGAP010428-PA	-	41	0.001280359	3	2227.125	6.6	Ovary	3L:-:3184379-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_18655	VVLSSDDAEFGGFNR	AGAP010428-PA	-	136	3.88E-13	1	1612.763	1.77	Visceras	3L:-:3183782-3183738	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_19221	NFADNIIPR	AGAP010428-PA	-	57	2.98E-05	1	1059.563	4.2	Malpighian tubule	3L:-:3185143-3185117	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_21558	LAMAIPDKWIQLLK	AGAP010428-PA	-	43	9.17E-05	1	1639.962	0.67	Salivary gland	3L:-:3184421-3184380	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_21959	SDEEWNIGNIVHTLTNR	AGAP010428-PA	-	48	0.000244977	1	1997.974	3.03	Ovary	3L:-:3184373-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_23068	FLNEFDR	AGAP010428-PA	-	46	0.000272319	2	940.455	3.08	Head	3L:-:3183989-3183969	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_23260	WWRDEYNFDGYR	AGAP010428-PA	-	38	0.00101362	1	1706.741	3.95	Malpighian tubule	3L:-:3184691-3184656	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_23645	YVVPPPKELGVNFQQR	AGAP010428-PA	-	42	0.000415982	1	1871.020	1.32	Pupa	3L:-:3185320-3185273	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_26188	WWRDEYNFDGYR	AGAP010428-PA	-	64	2.22E-06	1	1706.737	1.49	Visceras	3L:-:3184691-3184656	exon=> In CDS Exon 4 of transcript AGAP010428-PA

JHU_Ag_26256	IDKNVEHHTFPEGWAGR	AGAP010428-PA	-	102	1.07E-09	1	1992.967	-0.49	Visceras	3L:-:3183737-3183687	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_26344	EMYTHMSVVSDPSLIIDR	AGAP010428-PA	M2(Oxidation), M6(Oxidation)	33	0.008580548	1	2124.995	0.32	Head	3L:-:3184232-3184179	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_26391	IYECHVGIATEEYGVGTYR	AGAP010428-PA	C4(Carbamidomethyl)	108	2.42E-10	1	2217.038	4.63	Malpighian tubule	3L:-:3185200-3185144	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_27416	LNDLEGGLNEFTQGYK	AGAP010428-PA	-	142	9.63E-14	1	1797.873	4.12	Head	3L:-:3187864-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_32767	IGVELAGKYR	AGAP010428-PA	-	59	8.90E-06	1	1105.640	2.81	Malpighian tubule	3L:-:3183812-3183783	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_32901	TKSDEEWNIGNIVHTLTNR	AGAP010428-PA	-	88	2.61E-08	1	2227.122	5.29	Malpighian tubule	3L:-:3184379-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_33027	VGNNDSYHYAR	AGAP010428-PA	-	90	8.76E-09	1	1295.570	-4.82	Head	3L:-:3184064-3184032	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_33601	RNHIQLYLPCR	AGAP010428-PA	C10(Carbamidomethyl)	41	0.000867028	1	1469.783	2.41	Malpighian tubule	3L:-:3183686-3183654	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_33667	LFNYSEYEVLR	AGAP010428-PA	-	82	1.24E-07	1	1432.714	2.3	Head	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_33930	ESTVAYAESHDQALVGDK	AGAP010428-PA	-	107	2.85E-10	2	1919.898	0.02	Pupa	3L:-:3184313-3184260	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_34447	HEDDKVIAFER	AGAP010428-PA	-	88	1.97E-08	1	1358.670	0.36	Visceras	3L:-:3183902-3183870	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_34922	HLSEIK	AGAP010428-PA	-	34	0.000947415	1	726.413	-1.6	Ovary	3L:-:3185395-3185378	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_35178	NVEHHTFPEGWAGR	AGAP010428-PA	-	54	5.75E-05	1	1636.761	-0.42	Visceras	3L:-:3183728-3183687	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_35531	RLNDLEGGLNEFTQGYK	AGAP010428-PA	-	112	8.49E-11	1	1953.967	0.11	Visceras	3L:-:3187867-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_35618	NTQDGLNQFDGTNACYFHDGSR	AGAP010428-PA	C15(Carbamidomethyl)	101	2.46E-10	1	2517.058	3.94	Head	3L:-:3184912-3184847	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_37794	LFNYSEYEVLR	AGAP010428-PA	-	80	1.65E-07	1	1432.714	2.3	Pupa	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_38983	VWHPPAHEK	AGAP010428-PA	-	40	0.000965162	1	1100.567	3.5	Malpighian tubule	3L:-:3185272-3185246	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_39933	SDEEWNIGNIVHTLTNRR	AGAP010428-PA	-	106	3.92E-10	1	2154.073	2.16	Visceras	3L:-:3184373-3184320	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_39975	HEDDKVIAFER	AGAP010428-PA	-	52	9.64E-05	2	1358.674	2.69	Head	3L:-:3183902-3183870	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_40623	ESTVAYAESHDQALVGDK	AGAP010428-PA	-	143	6.30E-14	1	1919.902	1.99	Head	3L:-:3184313-3184260	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_42372	ESTVAYAESHDQALVGDK	AGAP010428-PA	-	127	2.87E-12	1	1919.900	1.17	Visceras	3L:-:3184313-3184260	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_43054	QWHLVDDQLLKYR	AGAP010428-PA	-	62	6.27E-06	1	1713.915	4.43	Malpighian tubule	3L:-:3184028-3183990	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_43600	SDEEWNIGNIVHTLTNR	AGAP010428-PA	-	126	3.43E-12	1	1997.969	0.65	Visceras	3L:-:3184373-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_44052	LAMAIPDKWIQLLK	AGAP010428-PA	M3(Oxidation)	75	7.61E-08	1	1655.963	4.8	Malpighian tubule	3L:-:3184421-3184380	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_44902	LAFGKWELK	AGAP010428-PA	-	40	0.000510692	1	1091.631	5.66	Malpighian tubule	3L:-:3185458-3185432	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_45552	HLSEIK	AGAP010428-PA	-	35	0.00072701	2	726.412	-3.72	Head	3L:-:3185395-3185378	exon=> In CDS Exon 3 of transcript AGAP010428-PA

JHU_Ag_46779	LFNYSEYEVLR	AGAP010428-PA	-	84	6.47E-08	1	1432.712	0.6	Ovary	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_48135	ELGVNFQQR	AGAP010428-PA	-	49	0.000244328	2	1090.563	-0.58	Pupa	3L:-:3185299-3185273	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_49478	EVYLTGDFNNWQWLATPYEK	AGAP010428-PA	-	83	7.12E-08	2	2474.174	3.03	Visceras	3L:-:3187750-3187895,3184803-3185459	exon=> In CDS Exon 3 and 2 of transcript AGAP010428-PA
JHU_Ag_49906	FDGVTSMLYHSR	AGAP010428-PA	M7(Oxidation)	55	3.53E-05	1	1428.658	0.4	Head	3L:-:3184655-3184620	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_51663	RQWHLVDDQLLK	AGAP010428-PA	-	66	2.66E-06	1	1550.843	-0.87	Midgut	3L:-:3184031-3183996	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_51840	NFADNIIPR	AGAP010428-PA	-	45	0.000409546	1	1059.560	1.32	Pupa	3L:-:3185143-3185117	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_54561	LFNYSEYEVLR	AGAP010428-PA	-	70	1.82E-06	1	1432.714	2.47	Salivary gland	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_55928	VWHPPAHEKYMFR	AGAP010428-PA	M11(Oxidation)	72	9.48E-07	1	1713.838	3.43	Malpighian tubule	3L:-:3185272-3185234	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_56653	SFTDYRIGVELAGK	AGAP010428-PA	-	70	1.00E-06	1	1555.820	5.74	Malpighian tubule	3L:-:3183830-3183789	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_58310	NFADNIIPR	AGAP010428-PA	-	47	0.000439909	1	1059.559	0.28	Midgut	3L:-:3185143-3185117	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_58611	ESTVAYAESHDQALVGDK	AGAP010428-PA	-	115	3.77E-11	1	1919.891	-3.6	Malpighian tubule	3L:-:3184313-3184260	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_59189	SDEEWNIGNIVHTLTNRR	AGAP010428-PA	-	92	1.01E-08	1	2154.077	3.63	Malpighian tubule	3L:-:3184373-3184320	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_60578	IGVELAGK	AGAP010428-PA	-	43	0.000817556	2	786.474	1.94	Malpighian tubule	3L:-:3183812-3183789	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_61915	LFELDPYLK	AGAP010428-PA	-	46	0.000218517	2	1137.620	0.42	Male reproductive organs	3L:-:3188474-3188448	exon=> In CDS Exon 1 of transcript AGAP010428-PA
JHU_Ag_62152	LAMAIPDKWIQLLK	AGAP010428-PA	M3(Oxidation)	79	3.63E-08	1	1655.957	1.15	Visceras	3L:-:3184421-3184380	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_62684	QWHLVDDQLLK	AGAP010428-PA	-	59	1.20E-05	1	1394.744	0.87	Visceras	3L:-:3184028-3183996	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_64885	NHIQLYLPCR	AGAP010428-PA	C9(Carbamidomethyl),"N1 (Deamidated), C9(Carbamidomethyl)"	76	3.55E-07	1	1314.664	1.62	Visceras	3L:-:3183683-3183654	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_64952	FLLSNLR	AGAP010428-PA	-	35	0.001739253	1	862.517	2.86	Malpighian tubule	3L:-:3184712-3184692	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_65378	IPPNPDGSCAIK	AGAP010428-PA	C9(Carbamidomethyl)	35	0.00488899	1	1268.630	-0.57	Visceras	3L:-:3185431-3185396	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_65880	LNDLEGGLNEFTQGYK	AGAP010428-PA	-	110	1.21E-10	1	1797.874	4.73	Pupa	3L:-:3187864-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_66092	NNLLFLFNFHSTK	AGAP010428-PA	-	54	5.11E-05	2	1594.836	-0.92	Midgut	3L:-:3183869-3183831	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_68370	LFNYSEYEVLR	AGAP010428-PA	-	74	6.71E-07	1	1432.712	1.19	Visceras	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_69398	TKSDEEWNIGNIVHTLTNR	AGAP010428-PA	-	88	2.68E-08	1	2227.115	2.24	Visceras	3L:-:3184379-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_70527	YVVPPPKELGVNFQQR	AGAP010428-PA	-	60	6.08E-06	1	1871.026	4.58	Head	3L:-:3185320-3185273	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_71591	AHEHGIFVLLDVVHSHASK	AGAP010428-PA	-	65	2.98E-06	1	2096.113	4.55	Visceras	3L:-:3184969-3184913	exon=> In CDS Exon 3 of transcript AGAP010428-PA

JHU_Ag_72067	IYECHVGIATEEYGVGTYR	AGAP010428-PA	C4(Carbamidomethyl)	118	2.50E-11	1	2217.033	1.97	Visceras	3L:-:3185200-3185144	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_73841	SDEEWNIGNIVHTLTNR	AGAP010428-PA	-	48	0.000240792	3	1997.981	6.75	Midgut	3L:-:3184373-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_75381	TACILAPQ	AGAP010428-PA	C3(Carbamidomethyl)	40	0.001218658	1	873.452	2.71	Head	3L:-:3183653-3183630	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_75718	LFELDPYLK	AGAP010428-PA	-	55	3.06E-05	2	1137.621	1.38	Visceras	3L:-:3188474-3188448	exon=> In CDS Exon 1 of transcript AGAP010428-PA
JHU_Ag_76242	NHIQLYLPCR	AGAP010428-PA	C9(Carbamidomethyl),"N1(Deamidated), C9(Carbamidomethyl)"	69	1.33E-06	1	1313.685	4.78	Malpighian tubule	3L:-:3183683-3183654	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_76557	LFNYSEYEVLR	AGAP010428-PA	-	42	0.001080798	2	1432.711	-0.17	Male reproductive organs	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_78333	NNLLFLFNFHSTK	AGAP010428-PA	-	82	7.63E-08	1	1594.842	2.45	Visceras	3L:-:3183869-3183831	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_80472	ESTVAYAESHDQALVGDK	AGAP010428-PA	-	84	6.21E-08	2	1919.901	1.42	Midgut	3L:-:3184313-3184260	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_82147	VNLEKLFELDPYLK	AGAP010428-PA	-	79	4.71E-08	1	1720.961	5.1	Malpighian tubule	3L:-:3188489-3188448	exon=> In CDS Exon 1 of transcript AGAP010428-PA
JHU_Ag_83478	NNLLFLFNFHSTK	AGAP010428-PA	-	49	0.000129443	1	1594.842	2.91	Head	3L:-:3183869-3183831	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_84055	LNDLEGGLNEFTQGYK	AGAP010428-PA	-	130	1.35E-12	2	1797.875	5.14	Malpighian tubule	3L:-:3187864-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_84305	LAMAIPDKWIQLLK	AGAP010428-PA	M3(Oxidation)	51	2.63E-05	1	1655.954	-0.73	Pupa	3L:-:3184421-3184380	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_84486	NTQDGLNQFDGTNACYFHDGSR	AGAP010428-PA	C15(Carbamidomethyl)	60	3.43E-06	1	2517.053	1.9	Ovary	3L:-:3184912-3184847	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_84540	TKSDEEWNIGNIVHTLTNR	AGAP010428-PA	-	67	3.11E-06	1	2227.121	4.63	Head	3L:-:3184379-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_86382	NNLLFLFNFHSTK	AGAP010428-PA	-	34	0.004143946	1	1594.847	5.81	Ovary	3L:-:3183869-3183831	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_86613	LFELDPYLK	AGAP010428-PA	-	51	7.15E-05	2	1137.620	0.95	Pupa	3L:-:3188474-3188448	exon=> In CDS Exon 1 of transcript AGAP010428-PA
JHU_Ag_87208	SDEEWNIGNIVHTLTNRR	AGAP010428-PA	-	93	7.75E-09	1	2154.075	2.95	Head	3L:-:3184373-3184320	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_88463	QWHLVDDQLLK	AGAP010428-PA	-	57	1.91E-05	1	1394.739	-2.97	Head	3L:-:3184028-3183996	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_88705	RQWHLVDDQLLK	AGAP010428-PA	-	68	1.23E-06	1	1550.849	3.04	Visceras	3L:-:3184031-3183996	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_88748	NNLLFLFNFHSTK	AGAP010428-PA	-	71	9.79E-07	2	1594.850	7.43	Malpighian tubule	3L:-:3183869-3183831	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_89200	LNDLEGGLNEFTQGYK	AGAP010428-PA	-	122	8.79E-12	1	1797.868	1.68	Visceras	3L:-:3187864-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_89331	RQWHLVDDQLLK	AGAP010428-PA	-	55	3.09E-05	1	1550.847	2.25	Head	3L:-:3184031-3183996	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_89622	VVLSSDDAEFGGFNRIDK	AGAP010428-PA	-	42	0.001022649	1	1968.975	4.36	Malpighian tubule	3L:-:3183782-3183729	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_90247	YVVPPPKELGVNFQQR	AGAP010428-PA	-	72	3.68E-07	1	1871.028	5.82	Malpighian tubule	3L:-:3185320-3185273	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_90382	RLNDLEGGLNEFTQGYK	AGAP010428-PA	-	88	2.02E-08	1	1953.969	1.46	Malpighian tubule	3L:-:3187867-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_90906	NTQDGLNQFDGTNACYFHDGSR	AGAP010428-PA	C15(Carbamidomethyl)	117	6.89E-12	1	2517.056	3.06	Visceras	3L:-:3184912-3184847	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_90915	IDKNVEHHTFPEGWAGR	AGAP010428-PA	-	36	0.004139 96	1	1992.971	1.83	Head	3L:-:3183737-3183687	exon=> In CDS Exon 4 of transcript AGAP010428-PA

JHU_Ag_91209	FLNEFDR	AGAP010428-PA	-	49	0.000147317	2	940.452	-0.17	Pupa	3L:-:3183989-3183969	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_92894	YHWLDCLPAYVSWK	AGAP010428-PA	C6(Carbamidomethyl)	122	9.43E-12	1	1837.878	2.93	Visceras	3L:-:3183944-3183903	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_92960	VVLSSDDAEFGGFNR	AGAP010428-PA	-	116	4.06E-11	1	1612.767	3.96	Head	3L:-:3183782-3183738	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_93238	LNDLEGGLNEFTQGYK	AGAP010428-PA	-	75	4.53E-07	2	1797.866	0.05	Male reproductive organs	3L:-:3187864-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_93730	FDGVTSMLYHSR	AGAP010428-PA	-	66	3.31E-06	1	1412.664	1.04	Visceras	3L:-:3184655-3184620	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_97983	IYECHVGIATEEYGVGTYR	AGAP010428-PA	C4(Carbamidomethyl)	62	1.06E-05	1	2217.032	1.74	Head	3L:-:3185200-3185144	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_98009	ESTVAYAESHDQALVGDK	AGAP010428-PA	-	39	0.001571 57	1	1919.899	0.27	Ovary	3L:-:3184313-3184260	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_98291	VVLSSDDAEFGGFNRIDK	AGAP010428-PA	-	33	0.007130309	1	1968.971	2.31	Head	3L:-:3183782-3183729	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_98421	NVEHHTFPEGWAGRR	AGAP010428-PA	-	48	0.000246839	1	1792.867	2.58	Malpighian tubule	3L:-:3183728-3183684	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_98570	LFNYSEYEVLR	AGAP010428-PA	-	77	3.75E-07	2	1432.711	-0.17	Midgut	3L:-:3184819-3185493,3183627-3184713	exon=> In CDS Exon 4 and 3 of transcript AGAP010428-PA
JHU_Ag_99492	VVLSSDDAEFGGFNR	AGAP010428-PA	-	143	7.74E-14	1	1612.762	1.31	Malpighian tubule	3L:-:3183782-3183738	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_99773	LFELDPYLK	AGAP010428-PA	-	52	5.64E-05	1	1137.618	-1.3	Malpighian tubule	3L:-:3188474-3188448	exon=> In CDS Exon 1 of transcript AGAP010428-PA
JHU_Ag_100319	LNDLEGGLNEFTQGYK	AGAP010428-PA	-	125	4.67E-12	2	1797.866	0.12	Midgut	3L:-:3187864-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_100787	LAMAIPDKWIQLLK	AGAP010428-PA	M3(Oxidation)	52	1.25E-05	1	1655.962	4.25	Head	3L:-:3184421-3184380	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_103270	ELGVNFQQR	AGAP010428-PA	-	58	3.07E-05	1	1090.569	4.35	Malpighian tubule	3L:-:3185299-3185273	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_104261	SDEEWNIGNIVHTLTNR	AGAP010428-PA	-	82	1.00E-07	1	1997.975	3.64	Head	3L:-:3184373-3184323	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_104335	LFELDPYLKSHEQEIR	AGAP010428-PA	-	62	7.89E-06	1	2017.047	4.04	Malpighian tubule	3L:-:3188474-3188427	exon=> In CDS Exon 1 of transcript AGAP010428-PA
JHU_Ag_105216	YGTPDELK	AGAP010428-PA	-	34	0.005995755	2	922.451	-0.36	Head	3L:-:3185008-3184985	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_105674	RQWHLVDDQLLK	AGAP010428-PA	-	55	2.66E-05	1	1550.846	1.15	Malpighian tubule	3L:-:3184031-3183996	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_105721	HLSEIKVIIR	AGAP010428-PA	-	52	6.11E-06	1	1207.756	3.13	Malpighian tubule	3L:-:3185395-3185366	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_107787	LNDLEGGLNEFTQGYKYFGLHIAQDNSVVAR	AGAP010428-PA	-	192	6.53E-19	1	3468.734	4.46	Malpighian tubule	3L:-:3187864-3187772	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_107878	YVVPPPK	AGAP010428-PA	-	30	0.0048	1	799.473	2.47	Malpighian tubule	3L:-:3185320-3185300	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_110774	RLNDLEGGLNEFTQGYK	AGAP010428-PA	-	36	0.003406209	3	1953.971	2.26	Head	3L:-:3187867-3187817	exon=> In CDS Exon 2 of transcript AGAP010428-PA
JHU_Ag_115978	IDKNVEHHTFPEGWAGR	AGAP010428-PA	-	62	1.17E-05	1	1992.976	4.1	Malpighian tubule	3L:-:3183737-3183687	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_116366	NHIQLYLPCR	AGAP010428-PA	C9(Carbamidomethyl)	37	0.002266521	1	1313.688	7.57	Ovary	3L:-:3183683-3183654	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_116820	IPPNPDGSCAIK	AGAP010428-PA	C9(Carbamidomethyl)	31	0.009988728	1	1268.632	1.25	Head	3L:-:3185431-3185396	exon=> In CDS Exon 3 of transcript AGAP010428-PA
JHU_Ag_117254	VVLSSDDAEFGGFNR	AGAP010428-PA	-	81	1.30E-07	2	1612.772	7.29	Salivary gland	3L:-:3183782-3183738	exon=> In CDS Exon 4 of transcript AGAP010428-PA

JHU_Ag_117405	FLNEFDR	AGAP010428-PA	-	45	0.000343023	1	940.457	4.44	Malpighian tubule	3L:-:3183989-3183969	exon=> In CDS Exon 4 of transcript AGAP010428-PA
JHU_Ag_588	TMQTHAAVFR	AGAP010429-PA	M2(Oxidation)	48	0.000218151	2	1177.570	-6.75	Midgut	3L:+:3191443-3191472	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_1061	QRVDEYDFSKPLEGQQK	AGAP010429-PA	-	106	3.98E-10	1	2067.019	2.31	Head	3L:+:3191686-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_1233	GSDWLGDQDAIHYMTR	AGAP010429-PA	M14(Oxidation)	123	3.56E-12	1	1880.823	-0.38	Male reproductive organs	3L:+:3190276-3190323	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_1746	DHVYLQLHHLPPEQLAQR	AGAP010429-PA	-	107	2.34E-10	1	2194.147	-2.34	Visceras	3L:+:3190975-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_2222	TAVITKLFPTR	AGAP010429-PA	-	31	0.001049406	3	1246.756	3.45	Malpighian tubule	3L:+:3190150-3190182	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_2454	AGLPSEDLEFVQFHPTGIYGAGCLITEGCR	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	194	4.18E-19	1	3294.564	2.31	Head	3L:+:3190738-3190827	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_3127	TAVITK	AGAP010429-PA	-	32	0.001104772	1	632.397	-0.99	Head	3L:+:3190150-3190167	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_3178	GSDWLGDQDAIHYMTR	AGAP010429-PA	M14(Oxidation)	138	1.40E-13	1	1864.839	5.8	Malpighian tubule	3L:+:3190276-3190323	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_3498	EYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	102	7.35E-10	1	2245.141	7.15	Malpighian tubule	3L:+:3190051-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_4786	GEGGYLINSQGER	AGAP010429-PA	-	69	2.12E-06	2	1379.656	1	Male reproductive organs	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_4912	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	133	6.02E-13	1	2182.127	0.82	Midgut	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_5755	TIAEENRPGEK	AGAP010429-PA	-	63	7.63E-06	1	1243.629	0.66	Visceras	3L:+:3191299-3191331	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_5943	TMQTHAAVFR	AGAP010429-PA	M2(Oxidation)	77	3.36E-07	1	1177.580	1.43	Malpighian tubule	3L:+:3191443-3191472	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_6072	SMTIEIR	AGAP010429-PA	M2(Oxidation)	40	0.001353358	2	865.444	-1.01	Ovary	3L:+:3190927-3190947	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_6377	EPIPVLPTVHYNMGGVPTNYK	AGAP010429-PA	M13(Oxidation)	62	8.13E-06	1	2326.196	2.62	Visceras	3L:+:3191083-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_6892	TIAEENRPGEK	AGAP010429-PA	-	50	0.000137041	1	1243.627	-0.72	Midgut	3L:+:3191299-3191331	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_7001	EYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	157	3.21E-15	1	2245.119	-2.42	Midgut	3L:+:3190051-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_7231	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	N7(Deamidated)	183	5.59E-18	1	2182.130	2.16	Visceras	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_8117	NTVLATGGYGR	AGAP010429-PA	-	73	8.14E-07	2	1108.579	4	Ovary	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_8435	KMGDIYK	AGAP010429-PA	M2(Oxidation)	38	0.001355681	2	870.439	0.08	Midgut	3L:+:3191503-3191523	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_8528	EYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	107	3.14E-10	1	2245.123	-0.79	Male reproductive organs	3L:+:3190051-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_10030	AAFGLVAEGFK	AGAP010429-PA	-	69	1.56E-06	1	1109.598	-0.88	Salivary gland	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_10171	VDEYDFSKPLEGQQK	AGAP010429-PA	-	109	2.32E-10	1	1782.857	1.51	Male reproductive organs	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_10662	TIAEENRPGEK	AGAP010429-PA	-	62	7.99E-06	1	1243.622	-5.04	Head	3L:+:3191299-3191331	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_11054	VDEYDFSKPLEGQQKKPVEEHWR	AGAP010429-PA	-	53	6.79E-05	1	2844.395	-0.21	Malpighian tubule	3L:+:3191692-3191703,3192099-3192155	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA

JHU_Ag_11088	GQVLTTQNGADR	AGAP010429-PA	Q7(Deamidated), N8(Deamidated),Q7(Deamidated),N8(Deamidated)	76	3.72E-07	1	1260.618	0.23	Visceras	3L:+:3191146-3191181	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_11582	GSDWLGDQDAIHYMTR	AGAP010429-PA	M14(Oxidation)	123	3.73E-12	1	1880.821	-1.03	Midgut	3L:+:3190276-3190323	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_11628	TLQEGVR	AGAP010429-PA	-	41	0.001800564	2	802.444	2.25	Malpighian tubule	3L:+:3191482-3191502	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_11674	AFGGQSLKYGK	AGAP010429-PA	-	79	8.96E-08	1	1155.615	-0.39	Malpighian tubule	3L:+:3190405-3190437	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_14260	GCGPEKDHVYLQLHHLPPEQLAQR	AGAP010429-PA	C2(Carbamidomethyl)	119	1.34E-11	1	2822.425	3.23	Head	3L:+:3190957-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_14264	NADGQVPTSTLR	AGAP010429-PA	-	66	3.37E-06	2	1258.640	1.31	Head	3L:+:3191392-3191427	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_14521	NADGQVPTSTLR	AGAP010429-PA	-	68	2.16E-06	1	1258.640	1.4	Malpighian tubule	3L:+:3191392-3191427	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_14939	GSDWLGDQDAIHYMTR	AGAP010429-PA	M14(Oxidation)	93	3.87E-09	1	1880.822	-0.9	Head	3L:+:3190276-3190323	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_15968	EPIPVLPTVHYNMGGVPTNYK	AGAP010429-PA	M13(Oxidation)	71	9.12E-07	1	2326.194	1.84	Malpighian tubule	3L:+:3191083-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_17500	YAPVAKDLASR	AGAP010429-PA	-	79	1.44E-07	1	1190.655	2.07	Malpighian tubule	3L:+:3190879-3190911	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_17623	EPIPVLPTVHYNMGGVPTNYK	AGAP010429-PA	M13(Oxidation)	43	0.000527937	1	2342.185	-0.18	Midgut	3L:+:3191083-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_17923	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	135	4.28E-13	1	2175.012	2.04	Malpighian tubule	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_18086	GEGGYLINSQGER	AGAP010429-PA	-	52	8.64E-05	2	1379.658	2.5	Salivary gland	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_18281	AGLPSEDLEFVQFHPTGIYGAGCLITEGCR	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	181	9.77E-18	1	3294.554	-0.58	Midgut	3L:+:3190738-3190827	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_19113	GEGGYLINSQGER	AGAP010429-PA	-	73	7.65E-07	2	1379.656	0.38	Malpighian tubule	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_20087	GSDWLGDQDAIHYMTR	AGAP010429-PA	M14(Oxidation)	124	3.81E-12	1	1864.833	2.46	Visceras	3L:+:3190276-3190323	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_20425	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	84	5.40E-08	1	1641.796	1.07	Salivary gland	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_21246	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	106	2.43E-10	1	2182.127	0.93	Male reproductive organs	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_21472	GSDWLGDQDAIHYMTR	AGAP010429-PA	M14(Oxidation)	123	3.47E-12	1	1880.820	-1.93	Ovary	3L:+:3190276-3190323	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_22489	LGANSLLDLVVFGR	AGAP010429-PA	-	106	1.14E-10	1	1473.844	1.23	Salivary gland	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_24632	AKNTVLATGGYGR	AGAP010429-PA	-	83	4.97E-08	1	1307.708	1.33	Head	3L:+:3190636-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_25350	TIAEENRPGEKVQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	176	2.13E-17	1	3406.742	2.02	Malpighian tubule	3L:+:3191299-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_26633	KPVEEHWR	AGAP010429-PA	-	61	1.17E-05	1	1080.561	2	Malpighian tubule	3L:+:3192132-3192155	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_26717	VDEYDFSKPLEGQQK	AGAP010429-PA	-	112	1.12E-10	1	1782.859	2.74	Head	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA

JHU_Ag_27261	AYFSCTSAHTCTGDGTAMVAR	AGAP010429-PA	C5(Carbamidomethyl), C11(Carbamidomethyl),"C 5(Carbamidomethyl), C11(Carbamidomethyl), M18(Oxidation)"	142	1.86E-14	1	2279.950	0.99	Visceras	3L:+:3190675-3190737	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_28914	SNPDAISR	AGAP010429-PA	-	42	0.000612121	2	859.426	-0.85	Head	3L:+:3190027-3190050	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_31305	TMQTHAAVFR	AGAP010429-PA	-	51	0.000108 71	1	1161.582	-1.23	Pupa	3L:+:3191443-3191472	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_31449	AAFGLVAEGFK	AGAP010429-PA	-	72	5.88E-07	1	1109.603	3.2	Malpighian tubule	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_31518	SMTIEIR	AGAP010429-PA	M2(Oxidation)	40	0.001405816	2	865.444	-1.29	Visceras	3L:+:3190927-3190947	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_31675	DHVYLQLHHLPPEQLAQR	AGAP010429-PA	-	93	4.28E-09	1	2194.163	5.36	Midgut	3L:+:3190975-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_31955	LPGISETAMIFAGVDVTR	AGAP010429-PA	M9(Oxidation)	132	7.90E-13	2	1876.991	3.9	Visceras	3L:+:3191029-3191082	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_32106	TIAEENRPGEK	AGAP010429-PA	-	59	1.72E-05	1	1243.630	1.74	Malpighian tubule	3L:+:3191299-3191331	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_32556	QRVDEYDFSKPLEGQQK	AGAP010429-PA	-	141	1.21E-13	1	2067.009	-2.56	Midgut	3L:+:3191686-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_33594	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	87	2.80E-08	1	2175.005	-0.76	Ovary	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_33741	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	68	2.20E-06	1	1625.794	-2.95	Pupa	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_33904	AYFSCTSAHTCTGDGTAMVAR	AGAP010429-PA	C5(Carbamidomethyl), C11(Carbamidomethyl), M18(Oxidation)	78	5.56E-08	1	2279.947	-0.45	Salivary gland	3L:+:3190675-3190737	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_34429	GEGGYLINSQGER	AGAP010429-PA	-	56	3.94E-05	2	1379.651	-2.89	Pupa	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_34634	AKNTVLATGGYGR	AGAP010429-PA	-	84	3.62E-08	1	1307.711	2.92	Malpighian tubule	3L:+:3190636-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_34805	NTVLATGGYGR	AGAP010429-PA	-	64	6.55E-06	2	1108.574	-0.62	Salivary gland	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_35704	TIAEENRPGEK	AGAP010429-PA	-	63	6.92E-06	1	1243.627	-0.33	Ovary	3L:+:3191299-3191331	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_36367	EAPKAVIELENYGMPFSR	AGAP010429-PA	M14(Oxidation)	113	8.80E-11	1	2051.035	4.01	Malpighian tubule	3L:+:3190324-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_37384	KPVEEHWRK	AGAP010429-PA	-	52	7.26E-05	1	1208.655	1.39	Malpighian tubule	3L:+:3192132-3192158	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_37732	DLASRDVVSR	AGAP010429-PA	-	51	0.000133 39	2	1117.598	2.01	Malpighian tubule	3L:+:3190897-3190926	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_39661	QRVDEYDFSKPLEGQQK	AGAP010429-PA	-	133	7.28E-13	1	2067.016	0.89	Visceras	3L:+:3191686-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_40990	GQVLTTQNGADR	AGAP010429-PA	Q7(Deamidated), N8(Deamidated),Q7(Dea midated),N8(Deamidated) ,Q2(Deamidated)	73	7.27E-07	1	1259.636	1.39	Head	3L:+:3191146-3191181	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_42613	AKNTVLATGGYGR	AGAP010429-PA	-	78	1.48E-07	1	1307.709	1.61	Male reproductive organs	3L:+:3190636-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA

JHU_Ag_43660	LPGISETAMIFAGVDVTREPIPVLPTVHYNMGGVPTNYK	AGAP010429-PA	M31(Oxidation),"M9(Oxidation), M31(Oxidation)",M9(Oxidation)	147	7.73E-15	1	4200.168	3.96	Visceras	3L:+:3191029-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_43978	GEGGYLINSQGER	AGAP010429-PA	-	70	1.41E-06	2	1379.656	0.82	Visceras	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_44063	QRVDEYDFSKPLEGQQK	AGAP010429-PA	-	78	2.44E-07	1	2067.015	0.36	Malpighian tubule	3L:+:3191686-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_44159	NTVLATGGYGR	AGAP010429-PA	-	94	5.54E-09	2	1108.575	0.15	Visceras	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_44646	NTVLATGGYGR	AGAP010429-PA	-	94	6.38E-09	1	1108.576	0.92	Malpighian tubule	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_45746	AFGGQSLK	AGAP010429-PA	-	46	0.000428655	2	807.435	-0.62	Salivary gland	3L:+:3190405-3190428	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_45801	GQVLTTQNGADR	AGAP010429-PA	Q7(Deamidated)	64	5.92E-06	2	1259.635	0.52	Ovary	3L:+:3191146-3191181	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_46492	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	139	1.81E-13	1	2175.007	-0.2	Visceras	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_47392	AGLPSEDLEFVQFHPTGIYGAGCLITEGCR	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	169	1.59E-16	1	3294.562	1.98	Visceras	3L:+:3190738-3190827	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_47794	AFGGQSLK	AGAP010429-PA	-	48	0.000226396	2	807.437	1.05	Head	3L:+:3190405-3190428	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_48921	EPIPVLPTVHYNMGGVPTNYK	AGAP010429-PA	M13(Oxidation)	39	0.001390548	1	2342.187	0.76	Ovary	3L:+:3191083-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_49322	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	147	1.92E-14	1	2182.127	0.7	Pupa	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_51224	DHVYLQLHHLPPEQLAQR	AGAP010429-PA	-	106	2.34E-10	1	2194.156	2	Malpighian tubule	3L:+:3190975-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_51520	TMQTHAAVFR	AGAP010429-PA	M2(Oxidation)	83	7.99E-08	1	1177.572	-5.61	Head	3L:+:3191443-3191472	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_52793	EYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	68	2.48E-06	1	2245.132	3.14	Pupa	3L:+:3190051-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_53520	NADGQVPTSTLR	AGAP010429-PA	-	71	9.85E-07	1	1258.637	-1.31	Pupa	3L:+:3191392-3191427	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_53626	TIAEENRPGEK	AGAP010429-PA	-	42	0.000775748	1	1243.629	0.95	Salivary gland	3L:+:3191299-3191331	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_54297	AGLPSEDLEFVQFHPTGIYGAGCLITEGCR	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	107	2.65E-10	1	3294.557	0.2	Ovary	3L:+:3190738-3190827	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_55939	LGANSLLDLVVFGR	AGAP010429-PA	-	41	0.000284304	2	1473.851	5.79	Larva	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_57401	LGANSLLDLVVFGR	AGAP010429-PA	-	120	4.13E-12	2	1473.850	5.29	Malpighian tubule	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_58630	LGANSLLDLVVFGR	AGAP010429-PA	-	48	7.12E-05	2	1473.844	0.98	Male reproductive organs	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_58955	TMQTHAAVFREEK	AGAP010429-PA	M2(Oxidation)	76	4.27E-07	1	1563.761	1.82	Visceras	3L:+:3191443-3191481	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_59141	GCGPEKDHVYLQLHHLPPEQLAQR	AGAP010429-PA	C2(Carbamidomethyl)	52	6.93E-05	1	2822.415	-0.15	Midgut	3L:+:3190957-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_61225	AGLPSEDLEFVQFHPTGIYGAGCLITEGCR	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	148	1.79E-14	1	3294.552	-1.25	Pupa	3L:+:3190738-3190827	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_61598	EPIPVLPTVHYNMGGVPTNYK	AGAP010429-PA	M13(Oxidation)	73	5.59E-07	1	2342.189	1.62	Head	3L:+:3191083-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA

JHU_Ag_62021	AYFSCTSAHTCTGDGTAMVAR	AGAP010429-PA	C5(Carbamidomethyl), C11(Carbamidomethyl),"C5(Carbamidomethyl), C11(Carbamidomethyl), M18(Oxidation)"	155	1.34E-15	1	2263.960	2.91	Head	3L:+:3190675-3190737	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_62704	KPVEEHWR	AGAP010429-PA	-	58	2.36E-05	1	1080.558	-0.71	Midgut	3L:+:3192132-3192155	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_62971	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	51	0.000109292	1	1641.798	2.18	Male reproductive organs	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_63141	AAFGLVAEGFK	AGAP010429-PA	-	66	2.66E-06	1	1109.605	4.96	Male reproductive organs	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_63192	KHTLTWIDPATGNVTIDYRPVIDETLSEECATVPPAIR	AGAP010429-PA	C30(Carbamidomethyl)	34	0.001715745	1	4279.191	4.76	Malpighian tubule	3L:+:3192156-3192269	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_64577	KPVEEHWR	AGAP010429-PA	-	53	7.18E-05	1	1080.559	0.54	Visceras	3L:+:3192132-3192155	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_65646	LPGISETAMIFAGVDVTR	AGAP010429-PA	M9(Oxidation)	120	1.29E-11	1	1892.976	-1.45	Head	3L:+:3191029-3191082	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_66044	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	111	1.06E-10	1	1641.796	1.07	Malpighian tubule	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_67006	AYFSCTSAHTCTGDGTAMVAR	AGAP010429-PA	C5(Carbamidomethyl), C11(Carbamidomethyl), M18(Oxidation)	62	2.30E-06	1	2279.950	0.83	Ovary	3L:+:3190675-3190737	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_68430	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	50	0.000124149	1	2175.007	-0.15	Pupa	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_68459	HTLTWIDPATGNVTIDYRPVIDETLSEECATVPPAIR	AGAP010429-PA	C29(Carbamidomethyl)	82	5.17E-08	1	4151.075	-0.15	Malpighian tubule	3L:+:3192159-3192269	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_69152	SNPDAISREYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	107	2.09E-10	1	3085.542	2.66	Malpighian tubule	3L:+:3190027-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_69981	HTLTWIDPATGNVTIDYRPVIDETLSEECATVPPAIR	AGAP010429-PA	C29(Carbamidomethyl)	135	2.43E-13	1	4151.082	1.52	Visceras	3L:+:3192159-3192269	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_70355	EYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	135	4.35E-13	1	2245.131	2.58	Visceras	3L:+:3190051-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_70423	NTVLATGGYGR	AGAP010429-PA	-	73	8.40E-07	2	1108.574	-0.62	Midgut	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_70846	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	173	5.71E-17	1	2182.130	2.27	Malpighian tubule	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_70975	VDEYDFSKPLEGQQK	AGAP010429-PA	-	107	3.34E-10	1	1782.859	2.26	Malpighian tubule	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_71053	TMQTHAAVFREEK	AGAP010429-PA	M2(Oxidation)	73	8.58E-07	1	1563.760	1.24	Malpighian tubule	3L:+:3191443-3191481	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_71663	VDEYDFSKPLEGQQK	AGAP010429-PA	-	85	5.57E-08	1	1782.856	0.61	Salivary gland	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_72552	DHVYLQLHHLPPEQLAQR	AGAP010429-PA	-	91	7.32E-09	1	2194.154	1.19	Head	3L:+:3190975-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_74345	HTLTWIDPATGNVTIDYRPVIDETLSEECATVPPAIR	AGAP010429-PA	C29(Carbamidomethyl)	37	0.001422155	1	4151.071	-1.12	Ovary	3L:+:3192159-3192269	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_74608	SMTIEIR	AGAP010429-PA	M2(Oxidation)	43	0.000676633	2	865.446	1.89	Malpighian tubule	3L:+:3190927-3190947	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_74844	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	99	1.60E-09	1	1641.801	4.11	Head	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_75042	LGANSLLDLVVFGR	AGAP010429-PA	-	119	6.22E-12	1	1473.840	-1.67	Midgut	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA

JHU_Ag_75133	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	85	4.61E-08	1	1641.796	0.92	Midgut	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_75181	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	99	1.63E-09	1	1641.795	0.69	Visceras	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_75671	LPGISETAMIFAGVDVTREPIPVLPTVH YNMGGVPTNYK	AGAP010429-PA	M9(Oxidation), M31(Oxidation)	78	1.03E-07	1	4216.146	-0.06	Malpighian tubule	3L:+:3191029-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_76441	NTVLATGGYGR	AGAP010429-PA	-	74	6.58E-07	2	1108.574	-0.29	Pupa	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_77379	VDEYDFSKPLEGQQK	AGAP010429-PA	-	110	1.59E-10	1	1782.857	1.23	Visceras	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_78364	AGLPSEDLEFVQFHPTGIYGAGCLITEG CR	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	215	3.64E-21	1	3294.564	2.42	Malpighian tubule	3L:+:3190738-3190827	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_78410	NADGQVPTSTLR	AGAP010429-PA	-	79	1.68E-07	2	1258.640	0.82	Visceras	3L:+:3191392-3191427	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_78565	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	53	6.75E-05	1	2175.011	1.7	Salivary gland	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_78693	GQVLTTQNGADR	AGAP010429-PA	N8(Deamidated)	76	3.86E-07	1	1260.619	1.19	Malpighian tubule	3L:+:3191146-3191181	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_79020	NADGQVPTSTLR	AGAP010429-PA	-	46	0.000356631	1	1258.639	0.63	Ovary	3L:+:3191392-3191427	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_79218	AVIELENYGMPFSR	AGAP010429-PA	M10(Oxidation)	78	2.28E-07	2	1625.801	1.03	Ovary	3L:+:3190336-3190377	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_79844	AYFSCTSAHTCTGDGTAMVAR	AGAP010429-PA	C5(Carbamidomethyl), C11(Carbamidomethyl),"C 5(Carbamidomethyl), C11(Carbamidomethyl), M18(Oxidation)"	82	1.64E-08	1	2279.941	-2.94	Midgut	3L:+:3190675-3190737	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_79866	CCCVADR	AGAP010429-PA	C1(Carbamidomethyl), C2(Carbamidomethyl), C3(Carbamidomethyl)	42	2.97E-05	2	940.341	-2.71	Head	3L:+:3190456-3190476	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_81506	AAFGLVAEGFK	AGAP010429-PA	-	55	2.62E-05	2	1109.600	1.21	Visceras	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_81865	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	145	3.04E-14	1	2182.126	0.26	Ovary	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_83638	KPVEEHWR	AGAP010429-PA	-	54	5.68E-05	1	1080.560	1.66	Male reproductive organs	3L:+:3192132-3192155	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_83730	SNPDAISR	AGAP010429-PA	-	38	0.001544584	1	859.429	2.44	Malpighian tubule	3L:+:3190027-3190050	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_84684	GQVLTTQNGADR	AGAP010429-PA	Q7(Deamidated),N8(Dea midated)	70	1.33E-06	2	1260.617	-0.36	Midgut	3L:+:3191146-3191181	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_84805	AAFGLVAEGFK	AGAP010429-PA	-	62	6.89E-06	2	1109.599	-0.22	Ovary	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_85467	NADGQVPTSTLRLNMQK	AGAP010429-PA	-	77	2.76E-07	1	1872.967	4.13	Malpighian tubule	3L:+:3191392-3191442	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_86141	SMTIEIREGR	AGAP010429-PA	-	43	0.000897972	1	1191.617	1.18	Malpighian tubule	3L:+:3190927-3190956	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_87048	LPTVLAKNALSAVR	AGAP010429-PA	-	33	0.000622219	1	1452.881	-5.97	Salivary gland	3L:+:3189412-3189447,3189958-3189963	exon=> In CDS Exon 1 and 2 of transcript AGAP010429-PA
JHU_Ag_87713	GEGGYLINSQGER	AGAP010429-PA	-	58	2.28E-05	2	1379.653	-1.66	Midgut	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_87996	AAFGLVAEGFKTAVITK	AGAP010429-PA	-	126	5.21E-13	1	1722.991	6.77	Malpighian tubule	3L:+:3190117-3190167	exon=> In CDS Exon 2 of transcript AGAP010429-PA

JHU_Ag_88035	GCGPEKDHVYLQLHHLPPEQLAQR	AGAP010429-PA	C2(Carbamidomethyl)	123	5.26E-12	1	2822.421	1.84	Visceras	3L:+:3190957-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_89458	LGANSLLDLVVFGR	AGAP010429-PA	N4(Deamidated)	120	4.94E-12	2	1473.844	0.9	Pupa	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_90409	GQVLTTQNGADR	AGAP010429-PA	N8(Deamidated)	67	3.48E-06	2	1260.618	0.03	Male reproductive organs	3L:+:3191146-3191181	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_91045	KPVEEHWR	AGAP010429-PA	-	35	0.004362368	1	1080.560	0.87	Pupa	3L:+:3192132-3192155	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_91066	AGLPSEDLEFVQFHPTGIYGAGCLITEGCRGEGGYLINSQGER	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	85	3.17E-08	1	4655.207	2.91	Malpighian tubule	3L:+:3190738-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_92525	NADGQVPTSTLR	AGAP010429-PA	-	54	4.79E-05	2	1258.638	-0.44	Salivary gland	3L:+:3191392-3191427	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_92901	LGANSLLDLVVFGR	AGAP010429-PA	-	106	9.38E-11	1	1473.849	4.71	Ovary	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_93422	LGANSLLDLVVFGRACAK	AGAP010429-PA	C16(Carbamidomethyl)	85	1.49E-08	1	1904.051	4.42	Malpighian tubule	3L:+:3191245-3191298	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_93450	AGLPSEDLEFVQFHPTGIYGAGCLITEGCR	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	174	4.80E-17	1	3294.567	3.42	Salivary gland	3L:+:3190738-3190827	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_95019	KHTLTWIDPATGNVTIDYRPVIDETLSEECATVPPAIR	AGAP010429-PA	C30(Carbamidomethyl)	53	2.04E-05	1	4279.190	4.59	Visceras	3L:+:3192156-3192269	exon=> In CDS Exon 3 of transcript AGAP010429-PA
JHU_Ag_95181	EPIPVLPTVHYNMGGVPTNYK	AGAP010429-PA	M13(Oxidation)	46	0.000309185	1	2342.193	3.26	Pupa	3L:+:3191083-3191145	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_96012	VDEYDFSKPLEGQQK	AGAP010429-PA	-	112	1.11E-10	1	1782.853	-0.96	Midgut	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_96014	GCGPEKDHVYLQLHHLPPEQLAQR	AGAP010429-PA	C2(Carbamidomethyl)	103	6.14E-10	1	2822.418	0.98	Malpighian tubule	3L:+:3190957-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_97527	TMQTHAAVFREEK	AGAP010429-PA	M2(Oxidation)	60	1.44E-05	1	1563.758	-0.52	Midgut	3L:+:3191443-3191481	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_97843	AAFGLVAEGFK	AGAP010429-PA	-	65	3.31E-06	1	1109.600	0.55	Pupa	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_98750	QRVDEYDFSKPLEGQQK	AGAP010429-PA	-	77	3.46E-07	1	2067.013	-0.44	Pupa	3L:+:3191686-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_98830	GCGPEKDHVYLQLHHLPPEQLAQR	AGAP010429-PA	C2(Carbamidomethyl)	81	8.99E-08	1	2822.420	1.41	Ovary	3L:+:3190957-3191028	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_99866	GQVLTTQNGADR	AGAP010429-PA	Q7(Deamidated),N8(Deamidated)	72	8.91E-07	2	1260.622	2.84	Pupa	3L:+:3191146-3191181	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_100642	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	80	1.54E-07	1	2175.014	3.28	Male reproductive organs	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_101589	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	80	1.31E-07	1	2175.007	0.13	Midgut	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_101853	VVPGLYACGEAACSSVHGANR	AGAP010429-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	149	1.55E-14	1	2175.006	-0.43	Head	3L:+:3191182-3191244	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_102425	EYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	135	5.07E-13	1	2245.131	2.69	Head	3L:+:3190051-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_102566	VDEYDFSKPLEGQQK	AGAP010429-PA	-	109	1.90E-10	1	1782.857	1.44	Ovary	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_102824	NADGQVPTSTLR	AGAP010429-PA	-	69	1.81E-06	2	1258.638	-0.83	Midgut	3L:+:3191392-3191427	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_103314	AKNTVLATGGYGR	AGAP010429-PA	-	87	2.22E-08	1	1307.708	0.77	Visceras	3L:+:3190636-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA

JHU_Ag_103454	GEGGYLINSQGER	AGAP010429-PA	-	83	8.66E-08	1	1379.662	4.72	Ovary	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_104548	TIAEENRPGEK	AGAP010429-PA	-	54	6.02E-05	1	1243.627	-0.91	Male reproductive organs	3L:+:3191299-3191331	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_104639	AYFSCTSAHTCTGDGTAMVAR	AGAP010429-PA	C5(Carbamidomethyl), C11(Carbamidomethyl),"C 5(Carbamidomethyl), C11(Carbamidomethyl), M18(Oxidation)"	155	1.07E-15	1	2279.954	2.68	Malpighian tubule	3L:+:3190675-3190737	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_104654	NTVLATGGYGR	AGAP010429-PA	N1(Deamidated)	40	0.001907556	1	1109.542	-14.93	Male reproductive organs	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_104710	GEGGYLINSQGER	AGAP010429-PA	-	82	9.29E-08	2	1379.653	-1.48	Head	3L:+:3190828-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_105221	EYPVVDHTYDAVVVGAGGAGLR	AGAP010429-PA	-	91	1.14E-08	1	2245.128	1.27	Ovary	3L:+:3190051-3190116	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_107249	GSDWLGDQDAIHYMTR	AGAP010429-PA	M14(Oxidation)	72	6.50E-07	1	1864.830	0.75	Pupa	3L:+:3190276-3190323	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_107726	AGLPSEDLEFVQFHPTGIYGAGCLITEG CRGEGGYLINSQGER	AGAP010429-PA	C23(Carbamidomethyl), C29(Carbamidomethyl)	71	6.91E-07	1	4655.183	-2.13	Visceras	3L:+:3190738-3190866	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_107833	LGANSLLDLVVFGR	AGAP010429-PA	-	112	2.85E-11	2	1473.847	3.22	Visceras	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_108951	AAFGLVAEGFK	AGAP010429-PA	-	73	4.80E-07	1	1109.604	4.52	Head	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_110337	VDEYDFSKPLEGQQK	AGAP010429-PA	-	98	2.80E-09	1	1782.855	0.48	Pupa	3L:+:3191692-3191703,3192099-3192131	exon=> In CDS Exon 2 and 3 of transcript AGAP010429-PA
JHU_Ag_110734	NTVLATGGYGR	AGAP010429-PA	-	75	4.44E-07	1	1108.574	-0.73	Head	3L:+:3190642-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_111431	AKNTVLATGGYGR	AGAP010429-PA	-	74	4.16E-07	1	1307.707	0.3	Ovary	3L:+:3190636-3190674	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_112960	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	168	1.85E-16	1	2182.125	-0.3	Head	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_114824	LGANSLLDLVVFGR	AGAP010429-PA	-	116	1.07E-11	1	1473.851	6.03	Head	3L:+:3191245-3191286	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_116004	AAFGLVAEGFK	AGAP010429-PA	-	68	1.83E-06	2	1109.599	-0.11	Midgut	3L:+:3190117-3190149	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_116479	VQDLKPNAGEASVANLDWVR	AGAP010429-PA	-	105	3.30E-10	1	2182.133	3.61	Salivary gland	3L:+:3191332-3191391	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_117770	TPDGKIYQR	AGAP010429-PA	-	65	4.21E-06	1	1077.570	1.36	Malpighian tubule	3L:+:3190378-3190404	exon=> In CDS Exon 2 of transcript AGAP010429-PA
JHU_Ag_13702	IISSGDQMNLELIIQGQHATTSYFK	AGAP010431-PA	M8(Oxidation)	95	3.67E-09	1	2810.419	5.81	Head	3L:-:3261574-3261500	exon=> In CDS Exon 7 of transcript AGAP010431-PA
JHU_Ag_30177	YGPHPELYPNR	AGAP010431-PA	-	42	0.00079092	1	1342.650	-2.57	Head	3L:-:3263628-3263596	exon=> In CDS Exon 3 of transcript AGAP010431-PA
JHU_Ag_41343	RGEVVQGSYCER	AGAP010431-PA	C10(Carbamidomethyl)	50	0.000113337	2	1439.670	0.06	Head	3L:-:3263595-3263682,3262990-3263148	exon=> In CDS Exon 4 and 3 of transcript AGAP010431-PA
JHU_Ag_44046	LQTCYVQSPAYPGIYPR	AGAP010431-PA	C4(Carbamidomethyl)	88	2.44E-08	1	2012.992	0.85	Head	3L:-:3263129-3263079	exon=> In CDS Exon 4 of transcript AGAP010431-PA
JHU_Ag_49920	NTLIYK	AGAP010431-PA	N1(Deamidated)	32	0.002983608	1	752.421	2.42	Ovary	3L:-:3261826-3261809	exon=> In CDS Exon 7 of transcript AGAP010431-PA
JHU_Ag_55336	FGDPVPNTLCDEVFYAWK	AGAP010431-PA	C10(Carbamidomethyl)	46	0.000345921	2	2157.992	-1.21	Head	3L:-:3261910-3261857	exon=> In CDS Exon 7 of transcript AGAP010431-PA

JHU_Ag_61073	TVDIYEDISSPEVTNLNR	AGAP010431-PA	-	62	9.27E-06	1	2065.014	2.89	Head	3L:-:3267621-3267568	exon=> In CDS Exon 1 of transcript AGAP010431-PA
JHU_Ag_89333	HEEDCAESLTIYDANNPDPAR	AGAP010431-PA	C5(Carbamidomethyl)	84	2.66E-08	1	2417.033	0.63	Head	3L:-:3262135-3262073	exon=> In CDS Exon 7 of transcript AGAP010431-PA
JHU_Ag_2331	FSDAENVSLEEADDMGFVHQNPLVIDVR	AGAP010432-PA	M15(Oxidation)	33	0.007419128	1	3162.485	5.14	Head	3L:+:3304227-3304310	exon=> In CDS Exon 5 of transcript AGAP010432-PA
JHU_Ag_14603	GLETEGWEIVHR	AGAP010432-PA	-	59	1.78E-05	2	1425.712	0.11	Head	3L:+:3302847-3302882	exon=> In CDS Exon 2 of transcript AGAP010432-PA
JHU_Ag_71719	QGLIIVSALYGK	AGAP010432-PA	-	36	0.000493672	2	1261.759	5.91	Visceras	3L:+:3304191-3304226	exon=> In CDS Exon 5 of transcript AGAP010432-PA
JHU_Ag_104193	IPLQCLVK	AGAP010432-PA	C5(Carbamidomethyl)	40	0.00043153	1	970.575	-0.4	Malpighian tubule	3L:+:3304311-3304334	exon=> In CDS Exon 5 of transcript AGAP010432-PA
JHU_Ag_13725	FLQELTVLPVECR	AGAP010435-PA	C12(Carbamidomethyl)	40	0.001416508	2	1603.836	-9.33	Malpighian tubule	3L:-:3318159-3318121	exon=> In CDS Exon 19 of transcript AGAP010435-PA
JHU_Ag_45518	LIFEISNLR	AGAP010435-PA	-	41	0.000381238	1	1104.641	-0.5	Male reproductive organs	3L:-:3321066-3321040	exon=> In CDS Exon 15 of transcript AGAP010435-PA
JHU_Ag_50879	AVTNDELFGIINPATR	AGAP010435-PA,AGAP001672-PA	-	58	1.95E-05	2	1730.908	0.43	Male reproductive organs	3L:-:3321306-3321259;2R:-:7777991-7777944	exon=> In CDS Exon 15 of transcript AGAP010435-PA;exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_65571	DGLFSVIMR	AGAP010435-PA,AGAP001672-PA	M8(Oxidation)	45	0.000365918	2	1053.539	-0.54	Male reproductive organs	3L:-:3321249-3321223;2R:-:7777934-7777908	exon=> In CDS Exon 15 of transcript AGAP010435-PA;exon=> In CDS Exon 12 of transcript AGAP001672-PA
JHU_Ag_57907	ILLENILPAHVAQHFLK	AGAP010436-PA	-	53	5.09E-06	1	1956.146	1.29	Head	3L:-:3339527-3339477	exon=> In CDS Exon 14 of transcript AGAP010436-PA
JHU_Ag_97013	IEDDILSENSHLDDLYTR	AGAP010436-PA	-	119	1.72E-11	1	2148.006	-1.65	Midgut	3L:-:3361844-3361913,3347141-3347240	exon=> In CDS Exon 2 and 1 of transcript AGAP010436-PA
JHU_Ag_6755	VMVQPINLIFR	AGAP010440-PA	M2(Oxidation)	84	2.79E-08	1	1345.767	0.39	Ovary	3L:-:3624104-3624072	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_20331	IMLKGDNITLIQNVQN	AGAP010440-PA	M2(Oxidation)	51	7.11E-05	2	1829.986	3.87	Malpighian tubule	3L:-:3623806-3623759	exon=> In CDS Exon 2 of transcript AGAP010440-PA
JHU_Ag_28918	VMVQPINLIFR	AGAP010440-PA	-	34	0.001307052	1	1329.777	4.28	Malpighian tubule	3L:-:3624104-3624072	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_31175	GDNITLIQNVQN	AGAP010440-PA	-	85	4.46E-08	1	1328.680	-0.04	Ovary	3L:-:3623794-3623759	exon=> In CDS Exon 2 of transcript AGAP010440-PA
JHU_Ag_52427	VQKVMVQPINLIFR	AGAP010440-PA	M5(Oxidation)	29	0.001799401	1	1700.996	4.72	Malpighian tubule	3L:-:3624113-3624072	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_52676	VQVWLYENTHLR	AGAP010440-PA	-	51	9.98E-05	1	1557.820	1.58	Ovary	3L:-:3624050-3624015	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_56468	VQVWLYENTHLR	AGAP010440-PA	-	59	1.74E-05	2	1557.815	-1.16	Midgut	3L:-:3624050-3624015	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_65776	VMVQPINLIFR	AGAP010440-PA	M2(Oxidation)	71	6.23E-07	2	1345.765	-0.7	Midgut	3L:-:3624104-3624072	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_68236	IMLKGDNITLIQNVQN	AGAP010440-PA	M2(Oxidation), N7(Deamidated), N16(Deamidated),"M2(Oxidation), N7(Deamidated), Q15(Deamidated)"	37	0.002659024	1	1831.974	14.65	Head	3L:-:3623806-3623759	exon=> In CDS Exon 2 of transcript AGAP010440-PA
JHU_Ag_69089	IEGHIVGFDEYMNLVLDEAEEFNIK	AGAP010440-PA	M12(Oxidation)	143	6.99E-14	1	2940.398	0.25	Ovary	3L:-:3624014-3624134,3623756-3623834	exon=> In CDS Exon 2 and 1 of transcript AGAP010440-PA

JHU_Ag_69102	IEGHIVGFDEYMNLVLDEAEEFNIKK	AGAP010440-PA	M12(Oxidation)	103	5.75E-10	1	3068.500	2.64	Ovary	3L:-:3624014-3624134,3623756-3623831	exon=> In CDS Exon 2 and 1 of transcript AGAP010440-PA
JHU_Ag_100434	VMVQPINLIFR	AGAP010440-PA	M2(Oxidation)	39	0.000811577	1	1345.770	2.75	Salivary gland	3L:-:3624104-3624072	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_100593	VMVQPINLIFR	AGAP010440-PA	M2(Oxidation)	62	4.39E-06	1	1345.768	1.39	Head	3L:-:3624104-3624072	exon=> In CDS Exon 1 of transcript AGAP010440-PA
JHU_Ag_18044	DDDNPNEVMETTK	AGAP010448-PA,AGAP010451-PA	M9(Oxidation)	88	4.20E-09	1	1523.621	3	Head	3L:-:3838861-3838823;3L:-:3862825-3862787	exon=> In CDS Exon 1 of transcript AGAP010448-PA;exon=> In CDS Exon 2 of transcript AGAP010451-PA
JHU_Ag_26435	LNQPYIGIFLK	AGAP010448-PA,AGAP010451-PA	-	55	9.31E-06	2	1305.758	1.45	Male reproductive organs	3L:-:3838897-3838865;3L:-:3862861-3862829	exon=> In CDS Exon 1 of transcript AGAP010448-PA;exon=> In CDS Exon 2 of transcript AGAP010451-PA
JHU_Ag_30876	LNQPYIGIFLK	AGAP010448-PA,AGAP010451-PA	-	60	3.74E-06	1	1305.757	0.04	Head	3L:-:3838897-3838865;3L:-:3862861-3862829	exon=> In CDS Exon 1 of transcript AGAP010448-PA;exon=> In CDS Exon 2 of transcript AGAP010451-PA
JHU_Ag_103983	LNQPYIGIFLK	AGAP010448-PA,AGAP010451-PA	-	26	0.005724715	1	1305.763	5.09	Malpighian tubule	3L:-:3838897-3838865;3L:-:3862861-3862829	exon=> In CDS Exon 1 of transcript AGAP010448-PA;exon=> In CDS Exon 2 of transcript AGAP010451-PA
JHU_Ag_85993	DYSLDFFHYAAR	AGAP010449-PA,AGAP010447-PA	-	74	4.18E-07	1	1504.688	1.87	Head	3L:-:3855499-3855464;3L:-:3831085-3831050	exon=> In CDS Exon 2 of transcript AGAP010449-PA;exon=> In CDS Exon 2 of transcript AGAP010447-PA
JHU_Ag_104533	DYSLDFFHYAAR	AGAP010449-PA,AGAP010447-PA	-	75	3.78E-07	1	1504.687	1.22	Midgut	3L:-:3855499-3855464;3L:-:3831085-3831050	exon=> In CDS Exon 2 of transcript AGAP010449-PA;exon=> In CDS Exon 2 of transcript AGAP010447-PA
JHU_Ag_9590	DGPAEGPPQIEK	AGAP010450-PA	-	55	4.55E-05	1	1237.608	1.4	Head	3L:+:3859044-3859079	exon=> In CDS Exon 1 of transcript AGAP010450-PA
JHU_Ag_93315	VTNLAGRDPETGR	AGAP010450-PA	-	66	3.04E-06	1	1385.714	0.19	Pupa	3L:+:3858942-3858980	exon=> In CDS Exon 1 of transcript AGAP010450-PA
JHU_Ag_3176	ILEFIAVSQLK	AGAP010451-PA	-	56	5.67E-06	2	1260.758	1.46	Pupa	3L:-:3861429-3861397	exon=> In CDS Exon 6 of transcript AGAP010451-PA
JHU_Ag_6161	TENPLVLIDEVDK	AGAP010451-PA	-	58	2.08E-05	2	1484.787	1.9	Head	3L:-:3861186-3861148	exon=> In CDS Exon 6 of transcript AGAP010451-PA
JHU_Ag_7848	NFISQIEPSNNFLESSHIHLHVPEGATPK	AGAP010451-PA	-	78	2.28E-07	1	3242.636	3.89	Malpighian tubule	3L:-:3860283-3860197	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_8545	DGPSAGVTIVTALLSLAR	AGAP010451-PA	-	116	9.78E-12	1	1740.986	0.49	Ovary	3L:-:3860196-3860143	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_13205	AVADVIEEELTK	AGAP010451-PA	-	85	5.11E-08	1	1316.694	-0.34	Salivary gland	3L:-:3861705-3861670	exon=> In CDS Exon 5 of transcript AGAP010451-PA
JHU_Ag_14891	KDPNPDDPVEPPAESVNYTNQLPATVAIPEVWPHLPVIATK	AGAP010451-PA	-	58	8.32E-06	1	4459.290	1.79	Head	3L:-:3863159-3863037	exon=> In CDS Exon 1 of transcript AGAP010451-PA
JHU_Ag_19101	KEADFTEVSGTNLSDLLGKPIFTQDR	AGAP010451-PA	-	91	9.48E-09	1	2881.456	-0.53	Ovary	3L:-:3860580-3860503	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_23151	AVADVIEEELTK	AGAP010451-PA	-	87	3.58E-08	1	1316.696	0.87	Head	3L:-:3861705-3861670	exon=> In CDS Exon 5 of transcript AGAP010451-PA
JHU_Ag_24978	KDPNPDDPVEPPAESVNYTNQLPATVAIPEVWPHLPVIATK	AGAP010451-PA	-	58	8.64E-06	1	4459.290	1.79	Ovary	3L:-:3863159-3863037	exon=> In CDS Exon 1 of transcript AGAP010451-PA
JHU_Ag_25255	NFISQIEPSNNFLESSHIHLHVPEGATPK	AGAP010451-PA	-	52	8.43E-05	1	3242.636	3.99	Ovary	3L:-:3860283-3860197	exon=> In CDS Exon 8 of transcript AGAP010451-PA

JHU_Ag_25918	ILEVTNPMLIDLIRR	AGAP010451-PA	M8(Oxidation)	58	3.65E-06	1	1812.048	3.89	Malpighian tubule	3L:-:3863006-3863336,3862600-3862871	exon=> In CDS Exon 2 and 1 of transcript AGAP010451-PA
JHU_Ag_27071	EADFTEVSGTNLSDLLGKPIFTQDR	AGAP010451-PA	-	104	5.97E-10	1	2753.366	1.19	Head	3L:-:3860577-3860503	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_33245	KEADFTEVSGTNLSDLLGKPIFTQDR	AGAP010451-PA	-	45	0.000331191	1	2881.468	3.47	Malpighian tubule	3L:-:3860580-3860503	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_35540	AVADVIEEELTK	AGAP010451-PA	-	42	0.000929321	2	1316.695	0.22	Midgut	3L:-:3861705-3861670	exon=> In CDS Exon 5 of transcript AGAP010451-PA
JHU_Ag_36955	NFISQIEPSNNFLESSHIHLHVPEGATPK	AGAP010451-PA	-	37	0.002550413	1	3242.623	0.05	Head	3L:-:3860283-3860197	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_39184	GQPIRQNVAMTGEVSLMGK	AGAP010451-PA	M10(Oxidation), M17(Oxidation)	62	7.90E-06	1	2048.033	3.38	Malpighian tubule	3L:-:3860142-3860086	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_41437	LNFLESHSSEFNVTR	AGAP010451-PA	-	94	6.96E-09	1	1779.871	2.76	Ovary	3L:-:3861669-3861939,3861140-3861553	exon=> In CDS Exon 6 and 5 of transcript AGAP010451-PA
JHU_Ag_41501	ILEVTNPMLIDLIR	AGAP010451-PA	M8(Oxidation)	43	0.000205331	2	1655.942	1.23	Ovary	3L:-:3863006-3863336,3862600-3862874	exon=> In CDS Exon 2 and 1 of transcript AGAP010451-PA
JHU_Ag_44841	HISITDDALHALIK	AGAP010451-PA	-	105	1.95E-10	1	1546.864	3.33	Ovary	3L:-:3860706-3860665	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_46905	TENPLVLIDEVDK	AGAP010451-PA	-	61	9.19E-06	1	1484.785	0.33	Ovary	3L:-:3861186-3861148	exon=> In CDS Exon 6 of transcript AGAP010451-PA
JHU_Ag_56816	ILEVTNPMLIDLIR	AGAP010451-PA	-	59	2.56E-06	1	1639.949	2.46	Head	3L:-:3863006-3863336,3862600-3862874	exon=> In CDS Exon 2 and 1 of transcript AGAP010451-PA
JHU_Ag_57536	DGPSAGVTIVTALLSLAR	AGAP010451-PA	-	117	7.40E-12	1	1740.993	4.56	Malpighian tubule	3L:-:3860196-3860143	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_57975	VLFICTANVIDTIPEPLRDR	AGAP010451-PA	C5(Carbamidomethyl)	85	1.55E-08	1	2342.261	3.06	Head	3L:-:3860956-3860897	exon=> In CDS Exon 7 of transcript AGAP010451-PA
JHU_Ag_64980	AVADVIEEELTK	AGAP010451-PA	-	58	2.35E-05	2	1316.695	0.31	Male reproductive organs	3L:-:3861705-3861670	exon=> In CDS Exon 5 of transcript AGAP010451-PA
JHU_Ag_65413	QAPGDGSLELTGHLGDVMKESAR	AGAP010451-PA	M18(Oxidation)	45	0.000541399	1	2384.158	2.79	Malpighian tubule	3L:-:3860373-3860305	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_65784	ILEFIAVSQLK	AGAP010451-PA	-	73	1.04E-07	1	1260.758	1.27	Head	3L:-:3861429-3861397	exon=> In CDS Exon 6 of transcript AGAP010451-PA
JHU_Ag_66404	TENPLVLIDEVDKIGR	AGAP010451-PA	-	35	0.002230183	1	1810.990	-0.37	Male reproductive organs	3L:-:3861186-3861562,3860875-3861062	exon=> In CDS Exon 7 and 6 of transcript AGAP010451-PA
JHU_Ag_74873	HISITDDALHALIK	AGAP010451-PA	-	58	8.27E-06	1	1546.862	1.79	Head	3L:-:3860706-3860665	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_78050	AVADVIEEELTK	AGAP010451-PA	-	38	0.002529567	2	1316.698	2.91	Malpighian tubule	3L:-:3861705-3861670	exon=> In CDS Exon 5 of transcript AGAP010451-PA
JHU_Ag_78117	AVADVIEEELTK	AGAP010451-PA	-	67	3.46E-06	2	1316.700	4.02	Ovary	3L:-:3861705-3861670	exon=> In CDS Exon 5 of transcript AGAP010451-PA
JHU_Ag_78827	ILEVTNPMLIDLIR	AGAP010451-PA	M8(Oxidation)	55	1.20E-05	1	1655.943	1.9	Male reproductive organs	3L:-:3863006-3863336,3862600-3862874	exon=> In CDS Exon 2 and 1 of transcript AGAP010451-PA
JHU_Ag_79390	EADFTEVSGTNLSDLLGKPIFTQDR	AGAP010451-PA	-	99	1.61E-09	1	2753.367	1.53	Ovary	3L:-:3860577-3860503	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_83677	LNFLESHSSEFNVTR	AGAP010451-PA	-	37	0.004080175	1	1779.872	3.17	Head	3L:-:3861669-3861939,3861140-3861553	exon=> In CDS Exon 6 and 5 of transcript AGAP010451-PA
JHU_Ag_91265	ILEFIAVSQLK	AGAP010451-PA	-	92	1.45E-09	1	1260.758	1.46	Ovary	3L:-:3861429-3861397	exon=> In CDS Exon 6 of transcript AGAP010451-PA

JHU_Ag_92009	ILCFHGPPGVGK	AGAP010451-PA	C3(Carbamidomethyl)	59	1.52E-05	1	1281.683	4.66	Malpighian tubule	3L:-:3861378-3861343	exon=> In CDS Exon 6 of transcript AGAP010451-PA
JHU_Ag_95269	ALNREYFR	AGAP010451-PA	-	39	0.00100929	1	1068.563	4.21	Malpighian tubule	3L:-:3861315-3861292	exon=> In CDS Exon 6 of transcript AGAP010451-PA
JHU_Ag_97074	DSGVEDKHISITDDALHALIK	AGAP010451-PA	-	112	7.23E-11	1	2277.180	3.56	Malpighian tubule	3L:-:3860727-3860665	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_105802	TENPLVLIDEVDKIGR	AGAP010451-PA	-	56	1.30E-05	2	1811.002	6.21	Malpighian tubule	3L:-:3861186-3861562,3860875-3861062	exon=> In CDS Exon 7 and 6 of transcript AGAP010451-PA
JHU_Ag_105921	VLPVGGIKEK	AGAP010451-PA	-	36	0.000328053	1	1039.653	1.86	Malpighian tubule	3L:-:3860085-3860056	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_109870	EADFTEVSGTNLSDLLGKPIFTQDR	AGAP010451-PA	-	59	1.57E-05	1	2753.380	6.18	Malpighian tubule	3L:-:3860577-3860503	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_111581	DGPSAGVTIVTALLSLAR	AGAP010451-PA	-	75	1.10E-07	2	1740.997	6.59	Head	3L:-:3860196-3860143	exon=> In CDS Exon 8 of transcript AGAP010451-PA
JHU_Ag_113982	ILEVTNPMLIDLIR	AGAP010451-PA	M8(Oxidation)	54	1.28E-05	2	1655.949	5.21	Malpighian tubule	3L:-:3863006-3863336,3862600-3862874	exon=> In CDS Exon 2 and 1 of transcript AGAP010451-PA
JHU_Ag_115499	ILCFHGPPGVGK	AGAP010451-PA	C3(Carbamidomethyl)	64	5.45E-06	1	1281.678	0.37	Ovary	3L:-:3861378-3861343	exon=> In CDS Exon 6 of transcript AGAP010451-PA
JHU_Ag_45331	LNQPYIGIFLK	AGAP010451-PA,AGAP010448-PA	-	62	2.08E-06	1	1305.757	0.42	Ovary	3L:-:3862861-3862829;3L:-:3838897-3838865	exon=> In CDS Exon 2 of transcript AGAP010451-PA;exon=> In CDS Exon 1 of transcript AGAP010448-PA
JHU_Ag_106561	IVGQLYEDLDAPAAGK	AGAP010451-PA,AGAP010448-PA	-	83	7.37E-08	1	1659.860	0.53	Ovary	3L:-:3862690-3862643;3L:-:3838726-3838679	exon=> In CDS Exon 2 of transcript AGAP010451-PA;exon=> In CDS Exon 1 of transcript AGAP010448-PA
JHU_Ag_5505	FSVGENLFR	AGAP010453-PA	-	60	1.11E-05	1	1068.546	-0.94	Ovary	3L:-:3871884-3871858	exon=> In CDS Exon 2 of transcript AGAP010453-PA
JHU_Ag_51508	IHVHDDDPFR	AGAP010453-PA	-	66	3.75E-06	1	1250.594	2.03	Ovary	3L:-:3872178-3872149	exon=> In CDS Exon 2 of transcript AGAP010453-PA
JHU_Ag_69639	QVNLQPIELLTK	AGAP010453-PA	Q1(Deamidated)	50	1.58E-05	2	1395.820	-0.73	Ovary	3L:-:3872148-3872113	exon=> In CDS Exon 2 of transcript AGAP010453-PA
JHU_Ag_74592	SKPTQVLGIEFK	AGAP010453-PA	-	51	3.79E-05	1	1346.768	0.4	Ovary	3L:-:3871326-3871291	exon=> In CDS Exon 2 of transcript AGAP010453-PA
JHU_Ag_101485	LIIRPR	AGAP010455-PA	-	39	9.60E-05	2	767.524	-1.42	Head	3L:-:3884214-3884197	exon=> In CDS Exon 1 of transcript AGAP010455-PA
JHU_Ag_112108	DLFMDLDEGALK	AGAP010456-PA	M4(Oxidation)	77	3.01E-07	2	1382.653	1.35	Head	3L:-:3891675-3891640	exon=> In CDS Exon 2 of transcript AGAP010456-PA
JHU_Ag_2753	AGEFIHTTGDTHIYLNHVDGLR	AGAP010457-PA	-	123	8.94E-12	1	2466.222	2.31	Ovary	3L:+:3906797-3906862	exon=> In CDS Exon 3 of transcript AGAP010457-PA
JHU_Ag_50137	FPTLVFK	AGAP010457-PA	-	43	0.000129493	2	851.501	-1.63	Ovary	3L:+:3906890-3906910	exon=> In CDS Exon 3 of transcript AGAP010457-PA
JHU_Ag_98154	KVESIDNFTYDDFEILNYNPQSAIK	AGAP010457-PA	N7(Deamidated)	42	0.000788684	1	2964.423	2.61	Ovary	3L:+:3906914-3906988	exon=> In CDS Exon 3 of transcript AGAP010457-PA
JHU_Ag_98898	SADVGLGVPFNIASYSLLTHMIAHVTGLK	AGAP010457-PA	M21(Oxidation)	84	2.58E-08	1	3027.589	-2.75	Ovary	3L:+:3906644-3906730	exon=> In CDS Exon 2 of transcript AGAP010457-PA
JHU_Ag_104154	GVAEELLWFIK	AGAP010457-PA	-	83	4.33E-08	1	1304.726	0.41	Ovary	3L:+:3906166-3906198	exon=> In CDS Exon 1 of transcript AGAP010457-PA
JHU_Ag_18150	DNETFTQEYPNSVPK	AGAP010460-PA	-	75	3.26E-07	2	1768.808	3.34	Head	3L:-:3929706-3929662	exon=> In CDS Exon 2 of transcript AGAP010460-PA
JHU_Ag_80676	VDHTENLVVPFR	AGAP010460-PA	-	65	3.26E-06	1	1425.747	-1.01	Head	3L:-:3929220-3929185	exon=> In CDS Exon 4 of transcript AGAP010460-PA
JHU_Ag_87979	LQQQWSNVNHPNQAESSSLLK	AGAP010460-PA	-	82	8.87E-08	1	2408.194	-0.68	Head	3L:-:3929461-3929399	exon=> In CDS Exon 3 of transcript AGAP010460-PA

JHU_Ag_109848	THLLADPVSNSPAVR	AGAP010460-PA	-	62	6.92E-06	2	1576.850	3.66	Malpighian tubule	3L:-:3929754-3929710	exon=> In CDS Exon 2 of transcript AGAP010460-PA
JHU_Ag_116886	DNETFTQEYPNSVPK	AGAP010460-PA	-	81	8.54E-08	2	1768.808	2.86	Malpighian tubule	3L:-:3929706-3929662	exon=> In CDS Exon 2 of transcript AGAP010460-PA
JHU_Ag_8735	GVGASGSFK	AGAP010461-PA	-	50	0.000136286	1	809.415	-0.57	Ovary	3L:+:3934019-3934045	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_30076	YMAANYKVDVAK	AGAP010461-PA	M2(Oxidation)	90	1.47E-08	1	1372.691	-1.22	Malpighian tubule	3L:+:3933917-3933952	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_34460	GVGASGSFK	AGAP010461-PA	-	46	0.000338393	1	809.414	-1.61	Head	3L:+:3934019-3934045	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_37805	GVGASGSFK	AGAP010461-PA	-	49	0.000121985	1	809.418	3.07	Larva	3L:+:3934019-3934045	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_44209	LGPFIKK	AGAP010461-PA	-	47	1.80E-05	1	802.518	-0.81	Visceras	3L:+:3933953-3933973	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_56244	KPATHPPVNAMIVAALK	AGAP010461-PA	M11(Oxidation)	121	2.28E-12	1	1758.012	1.41	Malpighian tubule	3L:+:3933821-3933871	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_68050	KPATHPPVNAMIVAALK	AGAP010461-PA	M11(Oxidation)	107	8.60E-11	1	1774.004	-0.51	Ovary	3L:+:3933821-3933871	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_68629	KPATHPPVNAMIVAALK	AGAP010461-PA	M11(Oxidation)	63	1.96E-06	1	1774.011	3.62	Larva	3L:+:3933821-3933871	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_68770	KPATHPPVNAMIVAALK	AGAP010461-PA	M11(Oxidation)	98	4.72E-10	1	1758.014	2.25	Visceras	3L:+:3933821-3933871	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_73704	KPATHPPVNAMIVAALK	AGAP010461-PA	M11(Oxidation)	135	1.20E-13	1	1774.008	1.96	Male reproductive organs	3L:+:3933821-3933871	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_90231	KPATHPPVNAMIVAALK	AGAP010461-PA	M11(Oxidation)	87	6.61E-09	1	1758.009	-0.46	Salivary gland	3L:+:3933821-3933871	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_93285	GVGASGSFK	AGAP010461-PA	-	49	0.000163851	1	809.415	0.11	Male reproductive organs	3L:+:3934019-3934045	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_97075	GVGASGSFK	AGAP010461-PA	-	50	0.000148748	1	809.415	0.11	Visceras	3L:+:3934019-3934045	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_113914	KPATHPPVNAMIVAALK	AGAP010461-PA	M11(Oxidation)	101	3.35E-10	1	1774.008	1.96	Head	3L:+:3933821-3933871	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_115091	LGPFIKK	AGAP010461-PA	-	21	0.007434342	2	802.519	0.94	Head	3L:+:3933953-3933973	exon=> In CDS Exon 1 of transcript AGAP010461-PA
JHU_Ag_36895	NGSSLQAIKK	AGAP010461-PA,AGAP011193-PA,AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N1(Deamidated)	75	3.25E-07	1	1045.598	-1.57	Visceras	3L:+:3933887-3933916;3L:-:18930997-18930968;2L:-:13393025-13392996;2L:-:13420928-13420899;2L:-:13401371-13401342	exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_39583	NGSSLQAIKK	AGAP010461-PA,AGAP011193-PA,AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N1(Deamidated)	55	3.90E-05	1	1046.583	-1.11	Ovary	3L:+:3933887-3933916;3L:-:18930997-18930968;2L:-:13393025-13392996;2L:-:13420928-13420899;2L:-:13401371-13401342	exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA

JHU_Ag_75199	NGSSLQAIK	AGAP010461-PA,AGAP011193-PA,AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N1(Deamidated)	57	3.36E-05	2	917.506	0.87	Visceras	3L:+:3933887-3933913;3L:-:18930997-18930971;2L:-:13393025-13392999;2L:-:13420928-13420902;2L:-:13401371-13401345	exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_103628	NGSSLQAIK	AGAP010461-PA,AGAP011193-PA,AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	N1(Deamidated)	56	4.67E-05	2	917.504	-1.59	Ovary	3L:+:3933887-3933913;3L:-:18930997-18930971;2L:-:13393025-13392999;2L:-:13420928-13420902;2L:-:13401371-13401345	exon=> In CDS Exon 1 of transcript AGAP010461-PA;exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_18635	LTQVLNTHYNAPHR	AGAP010462-PA	-	107	2.98E-10	1	1663.873	3.83	Head	3L:-:3938611-3938570	exon=> In CDS Exon 3 of transcript AGAP010462-PA
JHU_Ag_1822	AALFER	AGAP010463-PA	-	43	0.000607188	2	706.388	0.26	Malpighian tubule	3L:+:3942066-3942083	exon=> In CDS Exon 2 of transcript AGAP010463-PA
JHU_Ag_6346	AALFER	AGAP010463-PA	-	42	0.00062708	2	706.388	0.17	Male reproductive organs	3L:+:3942066-3942083	exon=> In CDS Exon 2 of transcript AGAP010463-PA
JHU_Ag_8978	FIAECVGLR	AGAP010463-PA	C5(Carbamidomethyl)	52	0.000116792	2	1064.558	1.88	Malpighian tubule	3L:+:3942093-3942119	exon=> In CDS Exon 2 of transcript AGAP010463-PA
JHU_Ag_11477	ELKDALVGHEFSIGSYKPIR	AGAP010463-PA	-	123	3.03E-12	1	2259.215	0.81	Malpighian tubule	3L:+:3941941-3941943,3942009-3942065	exon=> In CDS Exon 1 and 2 of transcript AGAP010463-PA
JHU_Ag_14106	GQGSFLNGSR	AGAP010463-PA	-	62	8.82E-06	2	1022.501	-0.88	Male reproductive organs	3L:+:3941890-3941919	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_23457	AAFETALELVK	AGAP010463-PA	-	82	5.04E-08	1	1191.663	1.03	Malpighian tubule	3L:+:3941497-3941529	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_34887	ELKDALVGHEFSIGSYKPIR	AGAP010463-PA	-	124	2.20E-12	1	2259.220	2.92	Male reproductive organs	3L:+:3941941-3941943,3942009-3942065	exon=> In CDS Exon 1 and 2 of transcript AGAP010463-PA
JHU_Ag_42714	AAFETALELVK	AGAP010463-PA	-	89	1.08E-08	1	1191.664	1.64	Male reproductive organs	3L:+:3941497-3941529	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_43038	FCAEESAFASGAK	AGAP010463-PA	C2(Carbamidomethyl)	76	1.43E-07	1	1374.600	0.55	Male reproductive organs	3L:+:3941680-3941718	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_57017	HWDLVTVYDQR	AGAP010463-PA	-	93	7.54E-09	1	1431.704	1.71	Malpighian tubule	3L:+:3941596-3941628	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_61950	VEDILIAGLR	AGAP010463-PA	-	90	5.22E-09	2	1098.653	1.2	Male reproductive organs	3L:+:3941629-3941658	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_66188	DALVGHEFSIGSYKPIR	AGAP010463-PA	-	91	9.95E-09	1	1888.991	-0.51	Midgut	3L:+:3942015-3942065	exon=> In CDS Exon 2 of transcript AGAP010463-PA
JHU_Ag_71033	QCNEIVLEGFR	AGAP010463-PA	C2(Carbamidomethyl)	47	0.000411146	1	1364.664	1.25	Malpighian tubule	3L:+:3941530-3941562	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_83756	LILGPEPTWIIDPIDGTVNFVR	AGAP010463-PA	-	88	4.79E-09	1	2465.354	4.18	Malpighian tubule	3L:+:3941719-3941784	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_85519	DALVGHEFSIGSYKPIR	AGAP010463-PA	-	133	6.71E-13	1	1888.993	0.66	Malpighian tubule	3L:+:3942015-3942065	exon=> In CDS Exon 2 of transcript AGAP010463-PA
JHU_Ag_103402	VEDILIAGLR	AGAP010463-PA	-	56	1.13E-05	2	1098.656	3.43	Malpighian tubule	3L:+:3941629-3941658	exon=> In CDS Exon 1 of transcript AGAP010463-PA

JHU_Ag_109077	GKHWDLVTVYDQR	AGAP010463-PA	-	88	2.64E-08	2	1616.819	0.31	Male reproductive organs	3L:+:3941590-3941628	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_114640	FIAECVGLR	AGAP010463-PA	C5(Carbamidomethyl)	72	9.19E-07	2	1064.556	-0.18	Male reproductive organs	3L:+:3942093-3942119	exon=> In CDS Exon 2 of transcript AGAP010463-PA
JHU_Ag_115338	DALVGHEFSIGSYKPIR	AGAP010463-PA	-	82	8.13E-08	1	1888.992	0.27	Male reproductive organs	3L:+:3942015-3942065	exon=> In CDS Exon 2 of transcript AGAP010463-PA
JHU_Ag_115771	VEDILIAGLR	AGAP010463-PA	-	38	0.001004728	1	1098.652	-0.13	Midgut	3L:+:3941629-3941658	exon=> In CDS Exon 1 of transcript AGAP010463-PA
JHU_Ag_16409	EPLTLQLIK	AGAP010464-PA	-	41	0.000224892	2	1054.648	-2.81	Midgut	3L:-:3945475-3945449	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_19571	EPLTLQLIK	AGAP010464-PA	-	34	0.001021518	2	1054.651	0.31	Salivary gland	3L:-:3945475-3945449	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_27536	LFRPADIVQYIADKEDIYE	AGAP010464-PA	-	84	4.49E-08	1	2298.173	3.18	Salivary gland	3L:-:3945009-3944953	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_28974	EPLTLQLIK	AGAP010464-PA	-	46	7.37E-05	2	1054.652	1	Ovary	3L:-:3945475-3945449	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_35652	EPLTLQLIKER	AGAP010464-PA	-	88	3.64E-09	1	1339.798	2.58	Malpighian tubule	3L:-:3945475-3945443	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_37678	VLLVLK	AGAP010464-PA	-	28	0.000238831	1	684.501	-1.11	Midgut	3L:-:3945442-3945425	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_39947	LFRPADIVQYIADK	AGAP010464-PA	-	34	0.001850174	2	1648.918	7.27	Midgut	3L:-:3945009-3944968	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_61621	LFRPADIVQYIADK	AGAP010464-PA	-	92	3.80E-09	1	1648.912	3.79	Malpighian tubule	3L:-:3945009-3944968	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_62277	LFRPADIVQYIADKEDIYE	AGAP010464-PA	-	45	0.000398437	3	2298.168	1.19	Pupa	3L:-:3945009-3944953	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_75975	LYDKVNPEK	AGAP010464-PA	-	54	6.40E-05	2	1105.589	0.18	Visceras	3L:-:3945424-3945398	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_80264	EPLTLQLIK	AGAP010464-PA	-	40	0.000193087	1	1054.653	2.23	Visceras	3L:-:3945475-3945449	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_81001	EPLTLQLIKER	AGAP010464-PA	-	50	2.32E-05	3	1339.796	0.93	Visceras	3L:-:3945475-3945443	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_82135	LFRPADIVQYIADKEDIYE	AGAP010464-PA	-	97	2.34E-09	1	2298.173	3.5	Head	3L:-:3945009-3944953	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_86538	VLLVLK	AGAP010464-PA	-	33	7.00E-05	1	684.503	2.19	Visceras	3L:-:3945442-3945425	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_86969	EPLTLQLIK	AGAP010464-PA	-	50	2.57E-05	2	1054.651	0.31	Malpighian tubule	3L:-:3945475-3945449	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_91232	LFRPADIVQYIADKEDIYE	AGAP010464-PA	-	102	6.49E-10	1	2298.182	7.12	Malpighian tubule	3L:-:3945009-3944953	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_92776	LFRPADIVQYIADK	AGAP010464-PA	Q9(Deamidated)	99	7.17E-10	1	1648.913	4.16	Head	3L:-:3945009-3944968	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_100276	EPLTLQLIK	AGAP010464-PA	-	45	8.94E-05	1	1054.650	-0.31	Head	3L:-:3945475-3945449	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_102110	LFRPADIVQYIADKEDIYE	AGAP010464-PA	-	103	4.95E-10	1	2298.176	4.46	Ovary	3L:-:3945009-3944953	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_106500	VLLVLK	AGAP010464-PA	-	28	0.000243832	1	684.504	2.99	Malpighian tubule	3L:-:3945442-3945425	exon=> In CDS Exon 2 of transcript AGAP010464-PA
JHU_Ag_106931	LFRPADIVQYIADK	AGAP010464-PA	-	81	4.59E-08	1	1648.911	2.9	Visceras	3L:-:3945009-3944968	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_107914	LFRPADIVQYIADKEDIYE	AGAP010464-PA	-	110	1.18E-10	1	2298.175	4.14	Midgut	3L:-:3945009-3944953	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_113651	LFRPADIVQYIADKEDIYE	AGAP010464-PA	-	109	1.57E-10	1	2298.174	3.72	Visceras	3L:-:3945009-3944953	exon=> In CDS Exon 4 of transcript AGAP010464-PA
JHU_Ag_116731	LYDKVNPEK	AGAP010464-PA	-	69	1.97E-06	2	1105.589	-0.04	Pupa	3L:-:3945424-3945398	exon=> In CDS Exon 2 of transcript AGAP010464-PA

JHU_Ag_26137	YYMCMDSQALER	AGAP010466-PA	M3(Oxidation), C4(Carbamidomethyl), M5(Oxidation)	36	0.000493483	2	1598.633	2.62	Larva	3L:-:3979721-3979686	exon=> In CDS Exon 3 of transcript AGAP010466-PA
JHU_Ag_75688	ECAQGLQFDPVEK	AGAP010467-PA	C2(Carbamidomethyl)	61	1.04E-05	2	1520.711	3.58	Larva	3L:+:3969893-3969931	exon=> In CDS Exon 1 of transcript AGAP010467-PA
JHU_Ag_32449	VSAETIGSIFIK	AGAP010471-PA	-	80	4.29E-08	1	1264.714	-0.4	Midgut	3L:-:4058554-4058519	exon=> In CDS Exon 1 of transcript AGAP010471-PA
JHU_Ag_41199	TGYGGDFLGIGGTWNLNEEK	AGAP010471-PA	-	111	1.11E-10	1	2127.997	-0.77	Midgut	3L:-:4056977-4056918	exon=> In CDS Exon 2 of transcript AGAP010471-PA
JHU_Ag_4281	VPTGEAIPTPETVPVR	AGAP010476-PA	-	98	1.31E-09	1	1662.910	2.33	Ovary	3L:+:4177806-4177853	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_6153	VPTGEAIPTPETVPVR	AGAP010476-PA	-	95	2.54E-09	1	1662.910	2.55	Head	3L:+:4177806-4177853	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_21766	TSIIQTCNK	AGAP010476-PA	C7(Carbamidomethyl)	60	1.89E-05	2	1064.541	0.41	Ovary	3L:+:4177857-4177883	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_33635	YGSNVGMGGPR	AGAP010476-PA	M7(Oxidation)	73	5.84E-07	2	1094.507	1.67	Malpighian tubule	3L:+:4177647-4177679	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_64333	GLGGHSAFLQK	AGAP010476-PA	-	57	2.32E-05	1	1114.599	-0.9	Head	3L:+:4177680-4177712	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_75909	YFDSGDYQMAK	AGAP010476-PA	M9(Oxidation)	71	2.19E-07	2	1340.549	2.22	Malpighian tubule	3L:+:4177734-4177766	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_77537	GLGGHSAFLQK	AGAP010476-PA	-	65	3.88E-06	1	1114.601	0.63	Ovary	3L:+:4177680-4177712	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_88936	TSIIQTCNKFQS	AGAP010476-PA	C7(Carbamidomethyl)	49	0.000166668	1	1426.703	2.55	Malpighian tubule	3L:+:4177857-4177892	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_103685	VPTGEAIPTPETVPVRK	AGAP010476-PA	-	63	2.26E-06	1	1791.001	-0.08	Head	3L:+:4177806-4177856	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_104637	YFDSGDYQMAK	AGAP010476-PA	M9(Oxidation)	96	7.06E-10	1	1340.547	0.58	Ovary	3L:+:4177734-4177766	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_106908	GLGGHSAFLQK	AGAP010476-PA	-	80	9.60E-08	1	1114.603	1.94	Malpighian tubule	3L:+:4177680-4177712	exon=> In CDS Exon 2 of transcript AGAP010476-PA
JHU_Ag_24583	EISGQDYVEEVTK	AGAP010477-PA	-	84	5.74E-08	2	1496.711	-0.7	Midgut	3L:-:4179767-4179729	exon=> In CDS Exon 2 of transcript AGAP010477-PA
JHU_Ag_104780	AIATTCIANYPER	AGAP010477-PA	C6(Carbamidomethyl)	71	1.40E-06	2	1479.728	1.01	Midgut	3L:-:4179608-4179570	exon=> In CDS Exon 2 of transcript AGAP010477-PA
JHU_Ag_530	YVDQDISYLADTR	AGAP010479-PA	-	51	0.000111872	2	1558.749	6.52	Salivary gland	3L:-:4183177-4183139	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_1055	LVTVYTDEEGYGWSK	AGAP010479-PA	-	90	1.65E-08	2	1746.827	2.88	Salivary gland	3L:-:4182581-4182537	exon=> In CDS Exon 4 of transcript AGAP010479-PA
JHU_Ag_2227	LVTVYTDEEGYGWSK	AGAP010479-PA	-	125	4.59E-12	1	1746.811	-6.2	Midgut	3L:-:4182581-4182537	exon=> In CDS Exon 4 of transcript AGAP010479-PA
JHU_Ag_3148	YVDQDISYLADTR	AGAP010479-PA	-	88	1.99E-08	2	1558.745	3.93	Ovary	3L:-:4183177-4183139	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_3273	LTETHVEYALPVNLYDTQPPVLSPLLPALNEGNSIVDKGQQPAK	AGAP010479-PA	-	37	0.00030858	1	4769.515	2.3	Ovary	3L:-:4182419-4182288	exon=> In CDS Exon 5 of transcript AGAP010479-PA
JHU_Ag_8934	SLSNEYSDR	AGAP010479-PA	-	48	9.89E-05	1	1070.475	-0.13	Midgut	3L:-:4183622-4183596	exon=> In CDS Exon 2 of transcript AGAP010479-PA
JHU_Ag_9093	SLSSIEAAMIETK	AGAP010479-PA	M9(Oxidation)	100	1.55E-09	2	1395.707	2.37	Midgut	3L:-:4182536-4182677,4182081-4182420	exon=> In CDS Exon 5 and 4 of transcript AGAP010479-PA
JHU_Ag_16066	YLGKGAGDEDFAEYCSYDVTTK	AGAP010479-PA	C15(Carbamidomethyl)	76	1.83E-07	1	2489.086	2.03	Malpighian tubule	3L:-:4183496-4183431	exon=> In CDS Exon 2 of transcript AGAP010479-PA
JHU_Ag_16620	GAGDEDFAEYCSYDVTTK	AGAP010479-PA	C11(Carbamidomethyl)	152	1.39E-15	1	2027.814	-1.75	Midgut	3L:-:4183484-4183431	exon=> In CDS Exon 2 of transcript AGAP010479-PA
JHU_Ag_20226	GIVAKPENIHIHISELDFGQAYPGFR	AGAP010479-PA	-	161	7.00E-16	1	2908.511	0.14	Midgut	3L:-:4182287-4182210	exon=> In CDS Exon 5 of transcript AGAP010479-PA

JHU_Ag_21505	GAGDEDFAEYCSYDVTTK	AGAP010479-PA	C11(Carbamidomethyl)	103	1.40E-10	1	2027.824	3.24	Ovary	3L:-:4183484-4183431	exon=> In CDS Exon 2 of transcript AGAP010479-PA
JHU_Ag_26692	AKLVTVYTDEEGYGWSK	AGAP010479-PA	-	63	9.92E-06	1	1945.953	-0.74	Midgut	3L:-:4182587-4182537	exon=> In CDS Exon 4 of transcript AGAP010479-PA
JHU_Ag_27891	YVDQDISYLADTR	AGAP010479-PA	-	95	4.07E-09	1	1558.736	-1.47	Malpighian tubule	3L:-:4183177-4183139	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_28808	DLVYKK	AGAP010479-PA	-	31	0.002212188	1	765.450	-0.77	Midgut	3L:-:4183270-4183253	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_35808	LVAGETYYSR	AGAP010479-PA	-	79	1.74E-07	2	1158.576	-2.18	Midgut	3L:-:4183060-4183031	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_38637	NVAIGAAILFFSVLGVAIIDMIRR	AGAP010479-PA	M21(Oxidation)	79	8.91E-09	3	2575.486	2.44	Midgut	3L:-:4182209-4182138	exon=> In CDS Exon 5 of transcript AGAP010479-PA
JHU_Ag_41676	LVTVYTDEEGYGWSK	AGAP010479-PA	-	104	6.45E-10	2	1746.829	3.72	Ovary	3L:-:4182581-4182537	exon=> In CDS Exon 4 of transcript AGAP010479-PA
JHU_Ag_46048	GIVAKPENIHIHISELDFGQAYPGFR	AGAP010479-PA	-	55	2.69E-05	1	2908.523	4.31	Ovary	3L:-:4182287-4182210	exon=> In CDS Exon 5 of transcript AGAP010479-PA
JHU_Ag_51101	LTETHVEYALPVNLYDTQPPVLSPLLPALNEGNSIVDKGQQPAK	AGAP010479-PA	-	40	0.000151484	1	4769.502	-0.43	Midgut	3L:-:4182419-4182288	exon=> In CDS Exon 5 of transcript AGAP010479-PA
JHU_Ag_53323	IEYVLPATVTHGIPLSVYR	AGAP010479-PA	-	137	8.42E-14	1	2128.173	-3.53	Midgut	3L:-:4183138-4183082	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_54940	FLINSRLEVNVK	AGAP010479-PA	-	44	7.55E-05	1	1431.834	1.36	Malpighian tubule	3L:-:4183777-4183742	exon=> In CDS Exon 1 of transcript AGAP010479-PA
JHU_Ag_63308	SCTTDNGAVEGSILLLAEKFPER	AGAP010479-PA	C2(Carbamidomethyl)	58	2.40E-05	1	2507.253	3.25	Ovary	3L:-:4183430-4183679,4183022-4183283	exon=> In CDS Exon 3 and 2 of transcript AGAP010479-PA
JHU_Ag_63966	LEVNVK	AGAP010479-PA	-	36	0.002769681	1	701.419	-0.35	Midgut	3L:-:4183759-4183742	exon=> In CDS Exon 1 of transcript AGAP010479-PA
JHU_Ag_65584	SCTTDNGAVEGSILLLAEK	AGAP010479-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), N6(Deamidated)"	135	4.85E-13	1	1978.964	-0.03	Midgut	3L:-:4183430-4183679,4183022-4183295	exon=> In CDS Exon 3 and 2 of transcript AGAP010479-PA
JHU_Ag_71502	IEYVLPATVTHGIPLSVYR	AGAP010479-PA	-	57	6.29E-06	1	2128.190	4.43	Larva	3L:-:4183138-4183082	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_71945	IEYVLPATVTHGIPLSVYR	AGAP010479-PA	-	35	0.000823844	1	2128.189	4	Head	3L:-:4183138-4183082	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_75209	YVDQDISYLADTRIEYVLPATVTHGIPLSVYR	AGAP010479-PA	-	163	3.09E-16	1	3667.897	-1.12	Midgut	3L:-:4183177-4183082	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_77105	GAGDEDFAEYCSYDVTTK	AGAP010479-PA	C11(Carbamidomethyl)	111	2.29E-11	1	2027.821	1.8	Malpighian tubule	3L:-:4183484-4183431	exon=> In CDS Exon 2 of transcript AGAP010479-PA
JHU_Ag_82055	LTETHVEYALPVNLYDTQPPVLSPLLPALNEGNSIVDK	AGAP010479-PA	-	92	2.23E-09	1	4160.192	2.92	Midgut	3L:-:4182419-4182306	exon=> In CDS Exon 5 of transcript AGAP010479-PA
JHU_Ag_83134	LVAGETYYSR	AGAP010479-PA	-	52	8.52E-05	2	1158.578	-1.02	Pupa	3L:-:4183060-4183031	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_83917	YVDQDISYLADTR	AGAP010479-PA	-	107	2.74E-10	1	1558.743	3.15	Midgut	3L:-:4183177-4183139	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_86282	LVTVYTDEEGYGWSK	AGAP010479-PA	-	111	1.08E-10	1	1746.821	-0.4	Malpighian tubule	3L:-:4182581-4182537	exon=> In CDS Exon 4 of transcript AGAP010479-PA
JHU_Ag_87749	GKTESYK	AGAP010479-PA	-	42	0.00046506	2	812.415	-0.12	Midgut	3L:-:4183081-4183061	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_88726	SCTTDNGAVEGSILLLAEKFPER	AGAP010479-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), N6(Deamidated)"	154	6.54E-15	1	2507.250	1.92	Midgut	3L:-:4183430-4183679,4183022-4183283	exon=> In CDS Exon 3 and 2 of transcript AGAP010479-PA
JHU_Ag_100485	NVAIGAAILFFSVLGVAIIDMIR	AGAP010479-PA	M21(Oxidation)	74	6.84E-08	3	2419.374	-1.63	Midgut	3L:-:4182209-4182141	exon=> In CDS Exon 5 of transcript AGAP010479-PA
JHU_Ag_101876	GIVAKPENIHIHISELDFGQAYPGFR	AGAP010479-PA	-	160	8.30E-16	1	2908.518	2.66	Malpighian tubule	3L:-:4182287-4182210	exon=> In CDS Exon 5 of transcript AGAP010479-PA

JHU_Ag_103486	SCTTDNGAVEGSILLLAEK	AGAP010479-PA	C2(Carbamidomethyl)	67	3.17E-06	2	1977.984	2.13	Malpighian tubule	3L:-:4183430-4183679,4183022-4183295	exon=> In CDS Exon 3 and 2 of transcript AGAP010479-PA
JHU_Ag_109764	IEYVLPATVTHGIPLSVYR	AGAP010479-PA	-	51	2.62E-05	1	2128.184	1.85	Visceras	3L:-:4183138-4183082	exon=> In CDS Exon 3 of transcript AGAP010479-PA
JHU_Ag_87284	LLNVTLR	AGAP010481-PA	-	30	0.007431528	2	828.528	-2.07	Head	3L:-:4234633-4234613	exon=> In CDS Exon 2 of transcript AGAP010481-PA
JHU_Ag_31610	ANVLLSEAEKTYILHGIQK	AGAP010483-PA	N-Term(Acetyl)	111	2.21E-11	1	2169.203	5.33	Malpighian tubule	3L:-:4267581-4267584,4266604-4267456	exon=> In CDS Exon 2 and 1 of transcript AGAP010483-PA
JHU_Ag_73790	LDVTTAPILVTVCK	AGAP010483-PA	C13(Carbamidomethyl)	33	0.002766146	2	1529.867	3.72	Midgut	3L:-:4266942-4266901	exon=> In CDS Exon 2 of transcript AGAP010483-PA
JHU_Ag_104563	GGEQLATEISNTLSK	AGAP010483-PA	-	98	2.62E-09	1	1547.788	-2.15	Ovary	3L:-:4267227-4267183	exon=> In CDS Exon 2 of transcript AGAP010483-PA
JHU_Ag_1134	VLPGDALVTSCYYDTR	AGAP010485-PA	C11(Carbamidomethyl)	53	7.76E-05	2	1829.878	2.5	Head	3L:-:4781720-4783010,4764796-4764945	exon=> In CDS Exon 2 and 1 of transcript AGAP010485-PA
JHU_Ag_35751	VIDWNQAK	AGAP010485-PA	-	36	0.004423283	1	973.509	-1.46	Head	3L:-:4764663-4764640	exon=> In CDS Exon 3 of transcript AGAP010485-PA
JHU_Ag_50682	IQQLDPWLTNAK	AGAP010485-PA	-	59	1.09E-05	2	1426.773	2.49	Head	3L:-:4782380-4782345	exon=> In CDS Exon 1 of transcript AGAP010485-PA
JHU_Ag_71819	LYQQVHDSYTSR	AGAP010485-PA	-	57	3.10E-05	1	1496.714	0.96	Head	3L:-:4782764-4782729	exon=> In CDS Exon 1 of transcript AGAP010485-PA
JHU_Ag_93927	NQGVLPVQLLR	AGAP010485-PA	-	32	0.000542905	2	1236.748	4.26	Head	3L:-:4782518-4782486	exon=> In CDS Exon 1 of transcript AGAP010485-PA
JHU_Ag_16827	LLDMAGGTGDIAFR	AGAP010488-PA	M4(Oxidation)	45	0.000458157	2	1452.714	-0.83	Midgut	3L:-:4939726-4939685	exon=> In CDS Exon 1 of transcript AGAP010488-PA
JHU_Ag_76458	ENVTQSATQHDSDTHFGFQTVK	AGAP010488-PA	-	112	7.77E-11	1	2477.127	-2.39	Head	3L:-:4939942-4939877	exon=> In CDS Exon 1 of transcript AGAP010488-PA
JHU_Ag_1429	FQHDKPTLHEILIQEK	AGAP010490-PA	-	61	6.98E-06	1	1976.060	0.11	Head	3L:+:5019877-5019924	exon=> In CDS Exon 9 of transcript AGAP010490-PA
JHU_Ag_5361	ILLFTPVSSDLAQSNMK	AGAP010490-PA	M16(Oxidation)	51	8.12E-05	2	1879.992	4.34	Malpighian tubule	3L:+:5014872-5014922	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_9427	NAQFEQPFYLVVLER	AGAP010490-PA	-	44	0.000403982	2	1852.968	4.74	Head	3L:+:5013765-5013809	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_10556	KGDVSIFDVR	AGAP010490-PA	-	45	0.000447561	2	1135.612	1.17	Head	3L:+:5024560-5024589	exon=> In CDS Exon 17 of transcript AGAP010490-PA
JHU_Ag_13146	TPTGEEEADSSSWDCVWK	AGAP010490-PA	C15(Carbamidomethyl)	62	2.28E-06	2	2083.869	6.91	Head	3L:+:5011032-5011085	exon=> In CDS Exon 4 of transcript AGAP010490-PA
JHU_Ag_17398	GGEETGDHHASK	AGAP010490-PA	-	33	0.002266164	2	1224.521	-2.33	Head	3L:+:5012721-5012756	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_24247	SLSSWQDLLK	AGAP010490-PA	-	48	0.000226224	2	1176.626	0.05	Head	3L:+:5021464-5021493	exon=> In CDS Exon 10 of transcript AGAP010490-PA
JHU_Ag_25071	DEKMTAFFANNFAEDR	AGAP010490-PA	N11(Deamidated),N10(Deamidated)	34	0.002011732	1	1906.810	-9.4	Salivary gland	3L:+:5018461-5018508	exon=> In CDS Exon 9 of transcript AGAP010490-PA
JHU_Ag_35720	QIQLEDSITPLER	AGAP010490-PA	-	86	1.91E-08	1	1541.829	8.02	Head	3L:+:5019106-5019144	exon=> In CDS Exon 9 of transcript AGAP010490-PA
JHU_Ag_36135	GPASVDYIPGCFIESEAK	AGAP010490-PA	C11(Carbamidomethyl)	51	0.000121016	2	1939.907	-1.7	Head	3L:+:5021512-5021539,5021641-5021666	exon=> In CDS Exon 10 and 11 of transcript AGAP010490-PA
JHU_Ag_43135	VDAVGPLSQSGGVSELAR	AGAP010490-PA	-	70	1.21E-06	1	1741.913	2.81	Visceras	3L:+:5013147-5013200	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_44318	VQIIPGAVHNYIR	AGAP010490-PA	-	55	1.13E-05	1	1479.844	0.63	Midgut	3L:+:5010511-5010549	exon=> In CDS Exon 2 of transcript AGAP010490-PA
JHU_Ag_44369	ASSLAQPHFNDEIR	AGAP010490-PA	-	55	5.05E-05	1	1584.779	1.45	Head	3L:+:5014968-5015009	exon=> In CDS Exon 6 of transcript AGAP010490-PA

JHU_Ag_48917	SLSSWQDLLKEELENR	AGAP010490-PA	-	31	0.011885428	1	1946.979	-1.24	Midgut	3L:+:5021464-5021511	exon=> In CDS Exon 10 of transcript AGAP010490-PA
JHU_Ag_55266	LNQVLHTLSHDDAR	AGAP010490-PA	-	51	0.000138994	2	1618.833	2.25	Head	3L:+:5014611-5014652	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_57855	SNTPFSPCLAASAPAR	AGAP010490-PA	C8(Carbamidomethyl)	45	0.000565976	2	1646.804	4.88	Malpighian tubule	3L:+:5021706-5021753	exon=> In CDS Exon 11 of transcript AGAP010490-PA
JHU_Ag_60541	YSTDEPLAVSTPPSK	AGAP010490-PA	-	44	0.000755387	2	1591.783	-1.59	Head	3L:+:5020516-5020560	exon=> In CDS Exon 9 of transcript AGAP010490-PA
JHU_Ag_61046	FSQVLSIGHASR	AGAP010490-PA	-	84	6.14E-08	2	1301.697	0.64	Head	3L:+:5012901-5012936	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_61336	SNTPFSPCLAASAPAR	AGAP010490-PA	C8(Carbamidomethyl)	79	2.05E-07	1	1646.797	0.58	Head	3L:+:5021706-5021753	exon=> In CDS Exon 11 of transcript AGAP010490-PA
JHU_Ag_62265	ESTSSNLQQNDEVK	AGAP010490-PA	-	43	0.000578882	2	1578.724	-0.43	Head	3L:+:5017614-5017655	exon=> In CDS Exon 8 of transcript AGAP010490-PA
JHU_Ag_65959	MNCHQILSGACNAGDR	AGAP010490-PA	N2(Deamidated), C3(Carbamidomethyl), Q5(Deamidated), C11(Carbamidomethyl)	31	0.002564886	1	1805.756	10.71	Pupa	3L:+:5009145-5009192	exon=> In CDS Exon 1 of transcript AGAP010490-PA
JHU_Ag_66924	HIGQGVTQLQIDQGGR	AGAP010490-PA	-	120	1.31E-11	1	1706.891	-1.56	Head	3L:+:5024950-5024997	exon=> In CDS Exon 19 of transcript AGAP010490-PA
JHU_Ag_71383	KKPEPDSLPLNK	AGAP010490-PA	-	56	1.67E-05	2	1365.768	-4.19	Head	3L:+:5019535-5019570	exon=> In CDS Exon 9 of transcript AGAP010490-PA
JHU_Ag_71934	VDAVGPLSQSGGVSELAR	AGAP010490-PA	-	47	0.000192393	1	1741.919	6.24	Malpighian tubule	3L:+:5013147-5013200	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_71991	APLDHASHVNISTTK	AGAP010490-PA	-	73	6.63E-07	1	1590.828	2.63	Head	3L:+:5014002-5014046	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_89140	VNDITCHPVLPLLLTTSHHNIPDIPTGEPAQPGGGTGNR	AGAP010490-PA	C6(Carbamidomethyl)	44	0.000213701	1	4096.085	4.28	Head	3L:+:5012958-5013074	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_89846	SITEHGNTCPITQK	AGAP010490-PA	C9(Carbamidomethyl)	77	2.81E-07	1	1585.768	2.4	Head	3L:+:5014758-5014799	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_93822	DIESLASSNFLVIHTSTDK	AGAP010490-PA	-	118	2.26E-11	1	2077.049	2.05	Head	3L:+:5022150-5022205,5022285-5022285	exon=> In CDS Exon 11 and 12 of transcript AGAP010490-PA
JHU_Ag_101230	ALVAAFTCHDQGASSLAYAPQHQLLISAGK	AGAP010490-PA	C8(Carbamidomethyl)	44	0.00031951	1	3125.593	3.09	Head	3L:+:5024392-5024404,5024483-5024559	exon=> In CDS Exon 16 and 17 of transcript AGAP010490-PA
JHU_Ag_103714	VDAVGPLSQSGGVSELAR	AGAP010490-PA	-	104	4.44E-10	1	1741.912	2.32	Head	3L:+:5013147-5013200	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_104605	MELVLLLQELQQEK	AGAP010490-PA	M1(Oxidation)	30	0.007815323	2	1729.945	2.44	Head	3L:+:5020060-5020101	exon=> In CDS Exon 9 of transcript AGAP010490-PA
JHU_Ag_108949	HIGQGVTQLQIDQGGR	AGAP010490-PA	Q4(Deamidated), Q13(Deamidated)	50	0.000154654	2	1708.873	6.58	Malpighian tubule	3L:+:5024950-5024997	exon=> In CDS Exon 19 of transcript AGAP010490-PA
JHU_Ag_113112	DHTGADGAPLEQADILTAPPSPTISMVTK	AGAP010490-PA	M26(Oxidation)	36	0.003048161	1	2949.459	2.79	Head	3L:+:5012760-5012846	exon=> In CDS Exon 6 of transcript AGAP010490-PA
JHU_Ag_8095	FTTSLALSLLENK	AGAP010491-PA	-	90	4.19E-09	2	1436.804	2.91	Ovary	3L:-:5029033-5028995	exon=> In CDS Exon 4 of transcript AGAP010491-PA
JHU_Ag_17805	LILSLADCSR	AGAP010491-PA	C8(Carbamidomethyl)	50	0.000143061	2	1147.615	0.67	Ovary	3L:-:5031004-5030975	exon=> In CDS Exon 2 of transcript AGAP010491-PA
JHU_Ag_18511	LNLDQYAIK	AGAP010491-PA	-	42	0.000666985	2	1077.596	1.92	Ovary	3L:-:5028437-5028411	exon=> In CDS Exon 5 of transcript AGAP010491-PA
JHU_Ag_19027	AVAQFIDALAEK	AGAP010491-PA	-	63	5.94E-06	2	1275.698	3.05	Malpighian tubule	3L:-:5030785-5030750	exon=> In CDS Exon 2 of transcript AGAP010491-PA
JHU_Ag_22514	LNENADDSMSAETGDVSAFQK	AGAP010491-PA	M9(Oxidation)	65	1.92E-06	2	2244.958	0.6	Malpighian tubule	3L:-:5028257-5028195	exon=> In CDS Exon 6 of transcript AGAP010491-PA
JHU_Ag_25420	AILLGCGLQHK	AGAP010491-PA	C6(Carbamidomethyl)	34	0.002577443	2	1209.677	-0.61	Ovary	3L:-:5028728-5028696	exon=> In CDS Exon 5 of transcript AGAP010491-PA

JHU_Ag_35104	IATHPNYQR	AGAP010491-PA	-	40	0.000857573	1	1099.565	1.03	Malpighian tubule	3L:-:5029691-5029665	exon=> In CDS Exon 3 of transcript AGAP010491-PA
JHU_Ag_35692	LNENADDSMSAETGDVSAFQK	AGAP010491-PA	-	70	5.85E-07	2	2228.959	-0.91	Ovary	3L:-:5028257-5028195	exon=> In CDS Exon 6 of transcript AGAP010491-PA
JHU_Ag_54179	AVAQFIDALAEKQLKPPTSLTAGR	AGAP010491-PA	-	59	2.75E-06	1	2525.416	2.97	Malpighian tubule	3L:-:5030785-5030714	exon=> In CDS Exon 2 of transcript AGAP010491-PA
JHU_Ag_59105	ASGDLIPWNITEQFGDHEFPK	AGAP010491-PA	-	40	0.001481984	1	2401.150	1.76	Ovary	3L:-:5029778-5029716	exon=> In CDS Exon 3 of transcript AGAP010491-PA
JHU_Ag_70158	INITRNNR	AGAP010491-PA	N2(Deamidated)	30	0.017196131	2	1001.560	11.02	Midgut	3L:-:5030500-5030477	exon=> In CDS Exon 2 of transcript AGAP010491-PA
JHU_Ag_75168	ETNAPLPIKLEESIR	AGAP010491-PA	-	72	3.57E-07	1	1709.948	2.63	Ovary	3L:-:5030272-5031350,5029665-5030163	exon=> In CDS Exon 3 and 2 of transcript AGAP010491-PA
JHU_Ag_81929	ALTQTTIDEVFLPHDVQR	AGAP010491-PA	-	100	1.21E-09	1	2083.081	-0.26	Ovary	3L:-:5028973-5029492,5028346-5028849	exon=> In CDS Exon 5 and 4 of transcript AGAP010491-PA
JHU_Ag_90033	AVAQFIDALAEK	AGAP010491-PA	-	73	6.41E-07	2	1275.694	-0.68	Ovary	3L:-:5030785-5030750	exon=> In CDS Exon 2 of transcript AGAP010491-PA
JHU_Ag_92630	VETNEWLNDYFLDFR	AGAP010491-PA	-	70	1.56E-06	2	1960.911	1.8	Ovary	3L:-:5029117-5029073	exon=> In CDS Exon 4 of transcript AGAP010491-PA
JHU_Ag_94256	KPEMLDYLGTSYGLTGELLR	AGAP010491-PA	M4(Oxidation)	73	6.52E-07	1	2272.157	1.9	Ovary	3L:-:5029288-5029229	exon=> In CDS Exon 4 of transcript AGAP010491-PA
JHU_Ag_98733	FTTSLALSLLENK	AGAP010491-PA	-	41	0.000266001	2	1436.811	8.26	Salivary gland	3L:-:5029033-5028995	exon=> In CDS Exon 4 of transcript AGAP010491-PA
JHU_Ag_99288	TADVKPIDVASIENVQSEQLAELK	AGAP010491-PA	-	43	0.000352448	3	2597.373	2.25	Ovary	3L:-:5030926-5030855	exon=> In CDS Exon 2 of transcript AGAP010491-PA
JHU_Ag_102412	ARDQVPILYDILTK	AGAP010491-PA	-	62	3.44E-06	3	1644.931	-0.46	Ovary	3L:-:5031530-5031489	exon=> In CDS Exon 1 of transcript AGAP010491-PA
JHU_Ag_105741	DQVPILYDILTK	AGAP010491-PA	-	63	3.86E-06	1	1417.795	1.02	Ovary	3L:-:5031524-5031489	exon=> In CDS Exon 1 of transcript AGAP010491-PA
JHU_Ag_109201	IDINESDLFDAFR	AGAP010491-PA	-	109	1.71E-10	1	1554.744	0.57	Ovary	3L:-:5031310-5031272	exon=> In CDS Exon 2 of transcript AGAP010491-PA
JHU_Ag_108468	VVDLPTIIESLK	AGAP010493-PA	-	50	4.34E-05	2	1326.789	1.05	Ovary	3L:+:5034906-5034941	exon=> In CDS Exon 2 of transcript AGAP010493-PA
JHU_Ag_55279	LENELR	AGAP010493-PA,AGAP007137-PA,AGAP007137-PB,AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	37	0.004077881	2	773.417	2.1	Salivary gland	3L:+:5034846-5034863;2L:+:43520344-43520361;2L:+:43520344-43520361;2R:+:42292172-42292189;2R:+:42292172-42292189;2R:+:42292172-42292189	exon=> In CDS Exon 2 of transcript AGAP010493-PA;exon=> In CDS Exon 1 of transcript AGAP007137-PA;exon=> In CDS Exon 1 of transcript AGAP007137-PB;exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD
JHU_Ag_117174	LENELR	AGAP010493-PA,AGAP007137-PA,AGAP007137-PB,AGAP003711-PC,AGAP003711-PA,AGAP003711-PD	-	36	0.005309161	2	773.415	-0.11	Malpighian tubule	3L:+:5034846-5034863;2L:+:43520344-43520361;2L:+:43520344-43520361;2R:+:42292172-42292189;2R:+:42292172-42292189;2R:+:42292172-42292189	exon=> In CDS Exon 2 of transcript AGAP010493-PA;exon=> In CDS Exon 1 of transcript AGAP007137-PA;exon=> In CDS Exon 1 of transcript AGAP007137-PB;exon=> In CDS Exon 2 of transcript AGAP003711-PC;exon=> In CDS Exon 2 of transcript AGAP003711-PA;exon=> In CDS Exon 2 of transcript AGAP003711-PD

JHU_Ag_23963	SEQHSFEEFQSLIER	AGAP010494-PA	-	49	0.000199187	1	1865.873	3.62	Malpighian tubule	3L:-:5040235-5040191	exon=> In CDS Exon 2 of transcript AGAP010494-PA
JHU_Ag_26383	SQLLVSYIDPR	AGAP010494-PA	-	68	1.45E-06	2	1290.703	-1.63	Male reproductive organs	3L:-:5040172-5040140	exon=> In CDS Exon 2 of transcript AGAP010494-PA
JHU_Ag_39565	SEQHSFEEFQSLIER	AGAP010494-PA	-	47	0.000332729	1	1865.872	3.13	Head	3L:-:5040235-5040191	exon=> In CDS Exon 2 of transcript AGAP010494-PA
JHU_Ag_45128	SEQHSFEEFQSLIER	AGAP010494-PA	-	39	0.001696978	1	1865.866	-0.4	Salivary gland	3L:-:5040235-5040191	exon=> In CDS Exon 2 of transcript AGAP010494-PA
JHU_Ag_57272	NLISSILGQTPVKPK	AGAP010494-PA	-	48	1.28E-05	1	1594.949	-2.38	Ovary	3L:-:5039154-5039110	exon=> In CDS Exon 3 of transcript AGAP010494-PA
JHU_Ag_58436	SQLLVSYIDPR	AGAP010494-PA	-	79	1.10E-07	2	1290.709	3.1	Salivary gland	3L:-:5040172-5040140	exon=> In CDS Exon 2 of transcript AGAP010494-PA
JHU_Ag_66585	SQLLVSYIDPRDNDLLPINNDDNFGR	AGAP010494-PA	-	63	5.87E-06	1	3003.489	2.69	Malpighian tubule	3L:-:5040172-5040095	exon=> In CDS Exon 2 of transcript AGAP010494-PA
JHU_Ag_90679	LPGIFISR	AGAP010494-PA	-	40	0.000410395	2	902.547	1.04	Ovary	3L:-:5038768-5038745	exon=> In CDS Exon 5 of transcript AGAP010494-PA
JHU_Ag_110745	NLISSILGQTPVKPK	AGAP010494-PA	-	29	0.00098415	1	1594.953	0.03	Salivary gland	3L:-:5039154-5039110	exon=> In CDS Exon 3 of transcript AGAP010494-PA
JHU_Ag_6668	GPPFAFVEFEDAR	AGAP010495-PA,AGAP010496-PA	-	119	1.54E-11	1	1481.707	0.95	Male reproductive organs	3L:+:5043567-5043605;3L:+:5046460-5046497,5046582-5046582	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010496-PA
JHU_Ag_21473	VTFVDLK	AGAP010495-PA,AGAP010496-PA	-	43	0.000307159	1	821.478	1.14	Ovary	3L:+:5043537-5043557;3L:+:5046430-5046450	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 of transcript AGAP010496-PA
JHU_Ag_49880	DIQDLFHK	AGAP010495-PA,AGAP010496-PA	-	52	9.65E-05	1	1015.520	-0.32	Ovary	3L:+:5043504-5043527;3L:+:5046397-5046420	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 of transcript AGAP010496-PA
JHU_Ag_83371	TKDIQDLFHK	AGAP010495-PA,AGAP010496-PA	-	69	2.23E-06	1	1244.663	-0.14	Ovary	3L:+:5043498-5043527;3L:+:5046391-5046420	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 of transcript AGAP010496-PA
JHU_Ag_99728	GPPFAFVEFEDAR	AGAP010495-PA,AGAP010496-PA	-	95	4.41E-09	2	1481.709	2.27	Head	3L:+:5043567-5043605;3L:+:5046460-5046497,5046582-5046582	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010496-PA
JHU_Ag_104331	IYVGNLPPDIR	AGAP010495-PA,AGAP010496-PA	-	38	0.001658193	2	1256.700	0.55	Ovary	3L:+:5043465-5043497;3L:+:5046358-5046390	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 of transcript AGAP010496-PA
JHU_Ag_112691	GPPFAFVEFEDAR	AGAP010495-PA,AGAP010496-PA	-	108	2.19E-10	1	1481.706	-0.21	Ovary	3L:+:5043567-5043605;3L:+:5046460-5046497,5046582-5046582	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010496-PA
JHU_Ag_114681	RGPPFAFVEFEDAR	AGAP010495-PA,AGAP010496-PA	-	40	0.001555242	1	1637.813	3.74	Ovary	3L:+:5043564-5043605;3L:+:5046457-5046497,5046582-5046582	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010496-PA
JHU_Ag_115946	RGPPFAFVEFEDAR	AGAP010495-PA,AGAP010496-PA	-	68	2.69E-06	1	1637.807	-0.33	Head	3L:+:5043564-5043605;3L:+:5046457-5046497,5046582-5046582	exon=> In CDS Exon 1 of transcript AGAP010495-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP010496-PA

JHU_Ag_19339	EAGDVCFADVYK	AGAP010496-PA	C6(Carbamidomethyl)	39	0.000730326	2	1373.605	0.47	Male reproductive organs	3L:+:5046829-5046864	exon=> In CDS Exon 2 of transcript AGAP010496-PA
JHU_Ag_65547	EAGDVCFADVYKDGTGVVEFLR	AGAP010496-PA	C6(Carbamidomethyl)	139	1.76E-13	1	2447.163	3.39	Head	3L:+:5046829-5046894	exon=> In CDS Exon 2 of transcript AGAP010496-PA
JHU_Ag_79678	DGTGVVEFLR	AGAP010496-PA	-	39	0.001805682	2	1092.568	-0.16	Ovary	3L:+:5046865-5046894	exon=> In CDS Exon 2 of transcript AGAP010496-PA
JHU_Ag_80125	EAGDVCFADVYK	AGAP010496-PA	C6(Carbamidomethyl)	57	1.17E-05	1	1373.603	-0.77	Ovary	3L:+:5046829-5046864	exon=> In CDS Exon 2 of transcript AGAP010496-PA
JHU_Ag_94492	DGTGVVEFLR	AGAP010496-PA	-	63	8.23E-06	1	1092.567	-0.94	Head	3L:+:5046865-5046894	exon=> In CDS Exon 2 of transcript AGAP010496-PA
JHU_Ag_992	FQPGDHVIPLYIPQCFECR	AGAP010499-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	40	0.001490724	1	2376.126	-0.06	Midgut	3L:+:5054711-5054767	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_1083	AALESCTR	AGAP010499-PA	C6(Carbamidomethyl)	42	0.000992693	2	907.432	1.94	Ovary	3L:+:5055293-5055316	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_1314	GTAFGGWK	AGAP010499-PA	-	35	0.003015129	1	823.411	1.06	Malpighian tubule	3L:+:5055410-5055433	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_2183	LVTSYLQK	AGAP010499-PA	-	35	0.001872527	2	951.549	-2.53	Pupa	3L:+:5055455-5055478	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_2422	ELKVDEFITHTMELEK	AGAP010499-PA	M12(Oxidation)	84	6.75E-08	1	1961.989	-0.08	Midgut	3L:+:5055479-5055526	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_4731	IIGVDINPAK	AGAP010499-PA	-	36	0.000980151	2	1039.619	4.34	Larva	3L:+:5055119-5055148	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_14721	VCLLGCGIPTGYGAALNTAK	AGAP010499-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	68	2.91E-06	2	2036.031	0.36	Midgut	3L:+:5054969-5055028	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_23471	INDAFTLMHEGK	AGAP010499-PA	M8(Oxidation)	72	9.65E-07	1	1391.663	0.51	Ovary	3L:+:5055527-5055562	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_26506	QPLSIETIEVAPPK	AGAP010499-PA	-	34	0.002024305	2	1521.850	-1.3	Midgut	3L:+:5054516-5054557	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_26548	FQPGDHVIPLYIPQCFECR	AGAP010499-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	51	0.000111967	1	2376.134	3.33	Head	3L:+:5054711-5054767	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_29790	LVTSYLQK	AGAP010499-PA	-	39	0.000565405	2	951.552	0.55	Malpighian tubule	3L:+:5055455-5055478	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_30712	AAVAWEPK	AGAP010499-PA	-	39	0.000698862	2	871.466	-1.06	Pupa	3L:+:5054492-5054515	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_41821	IIGVDINPAKFEIAK	AGAP010499-PA	-	88	4.11E-09	1	1627.945	1.7	Malpighian tubule	3L:+:5055119-5055163	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_44808	INDAFTLMHEGK	AGAP010499-PA	M8(Oxidation)	74	5.15E-07	1	1391.661	-0.73	Midgut	3L:+:5055527-5055562	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_46182	IIGVDINPAK	AGAP010499-PA	-	63	2.10E-06	1	1039.614	-0.24	Ovary	3L:+:5055119-5055148	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_47324	QPLSIETIEVAPPK	AGAP010499-PA	-	75	1.71E-07	2	1521.854	1.03	Ovary	3L:+:5054516-5054557	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_51760	VCLLGCGIPTGYGAALNTAK	AGAP010499-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	104	6.04E-10	1	2036.035	2.4	Malpighian tubule	3L:+:5054969-5055028	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_51974	FQPGDHVIPLYIPQCFECR	AGAP010499-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	70	1.73E-06	1	2376.125	-0.45	Ovary	3L:+:5054711-5054767	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_55631	FQPGDHVIPLYIPQCFECR	AGAP010499-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	36	0.003634232	1	2376.130	1.4	Male reproductive organs	3L:+:5054711-5054767	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_60698	VCLLGCGIPTGYGAALNTAK	AGAP010499-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	58	2.47E-05	2	2036.047	8.16	Larva	3L:+:5054969-5055028	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_63126	VCLLGCGIPTGYGAALNTAK	AGAP010499-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	79	2.03E-07	1	2036.033	1.32	Head	3L:+:5054969-5055028	exon=> In CDS Exon 2 of transcript AGAP010499-PA

JHU_Ag_67081	QFGCTEFVNPNDYKEPIQQVLVEK	AGAP010499-PA	C4(Carbamidomethyl)	67	3.11E-06	1	2882.410	2.36	Visceras	3L:+:5055164-5055235	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_69911	QPLSIETIEVAPPKAGEVR	AGAP010499-PA	-	48	6.73E-05	1	2034.127	1.95	Malpighian tubule	3L:+:5054516-5054572	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_70076	GWGVSVIVGVAEAGTEISTRPFQLVTGR	AGAP010499-PA	-	129	5.37E-13	1	2886.552	1.68	Ovary	3L:+:5055317-5055400	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_75594	VCLLGCGIPTGYGAALNTAK	AGAP010499-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	152	1.15E-14	1	2036.028	-1.08	Ovary	3L:+:5054969-5055028	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_76224	QFGCTEFVNPNDYKEPIQQVLVEK	AGAP010499-PA	C4(Carbamidomethyl)	124	5.60E-12	1	2882.408	1.78	Ovary	3L:+:5055164-5055235	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_83323	IIGVDINPAK	AGAP010499-PA	-	31	0.002648915	2	1039.617	2.1	Malpighian tubule	3L:+:5055119-5055148	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_89225	VCLLGCGIPTGYGAALNTAK	AGAP010499-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	73	8.47E-07	1	2036.029	-0.9	Male reproductive organs	3L:+:5054969-5055028	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_95029	TWKGTAFGGWK	AGAP010499-PA	-	50	0.000132349	1	1238.633	0.91	Malpighian tubule	3L:+:5055401-5055433	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_105205	FQPGDHVIPLYIPQCFECR	AGAP010499-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	50	0.000157542	1	2376.123	-1.52	Malpighian tubule	3L:+:5054711-5054767	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_107371	VTASGVCHTDAYTLGGLDSEGVFPVILGHEGAGVVESVGEGVTK	AGAP010499-PA	C7(Carbamidomethyl)	147	1.59E-14	1	4371.149	0.9	Ovary	3L:+:5054579-5054710	exon=> In CDS Exon 1 of transcript AGAP010499-PA
JHU_Ag_112572	VDEFITHTMELEK	AGAP010499-PA	M9(Oxidation)	44	0.000624785	1	1607.762	-0.07	Ovary	3L:+:5055488-5055526	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_114660	ELKVDEFITHTMELEK	AGAP010499-PA	M12(Oxidation)	78	2.41E-07	1	1977.981	-1.33	Ovary	3L:+:5055479-5055526	exon=> In CDS Exon 2 of transcript AGAP010499-PA
JHU_Ag_7824	TAYTEEASATSAGLADLFK	AGAP010509-PA	-	122	1.00E-11	2	1945.940	0.25	Salivary gland	3L:-:5244758-5244702	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_9444	GDTAFSSCMGR	AGAP010509-PA	C8(Carbamidomethyl)	54	6.77E-06	2	1188.478	0.46	Malpighian tubule	3L:-:5244125-5244093	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_14178	TIEWNLVCDKR	AGAP010509-PA	C8(Carbamidomethyl)	45	0.000593337	1	1433.725	2.81	Larva	3L:-:5245334-5245302	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_37662	TAYTEEASATSAGLADLFK	AGAP010509-PA	-	121	1.51E-11	2	1945.940	0.31	Midgut	3L:-:5244758-5244702	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_46077	THTEDFPPPQQMVPLRK	AGAP010509-PA	M12(Oxidation)	75	4.76E-07	1	2037.026	1.98	Head	3L:-:5244086-5244036	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_49892	EAVNIVDR	AGAP010509-PA	-	48	0.000311783	2	915.490	0.95	Salivary gland	3L:-:5244845-5244822	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_62680	TAYTEEASATSAGLADLFK	AGAP010509-PA	-	125	5.94E-12	1	1945.944	2.76	Malpighian tubule	3L:-:5244758-5244702	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_82156	TAYTEEASATSAGLADLFK	AGAP010509-PA	-	131	1.43E-12	1	1945.943	1.82	Head	3L:-:5244758-5244702	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_87422	GSTESTSIVMFGK	AGAP010509-PA	M10(Oxidation)	61	9.42E-06	1	1359.646	-0.06	Midgut	3L:-:5244443-5244405	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_95006	TIEWNLVCDK	AGAP010509-PA	C8(Carbamidomethyl)	35	0.006373	2	1277.622	2.33	Head	3L:-:5245334-5245305	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_98970	TAYTEEASATSAGLADLFK	AGAP010509-PA	-	86	4.58E-08	1	1945.938	-0.56	Visceras	3L:-:5244758-5244702	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_109543	TIEWNLVCDKR	AGAP010509-PA	C8(Carbamidomethyl)	45	0.000674052	1	1433.722	1.19	Salivary gland	3L:-:5245334-5245302	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_113244	EAVNIVDR	AGAP010509-PA	-	44	0.000593633	2	915.493	4.15	Larva	3L:-:5244845-5244822	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_114854	TIEWNLVCDKR	AGAP010509-PA	C8(Carbamidomethyl)	50	0.000227873	2	1433.717	-2.55	Visceras	3L:-:5245334-5245302	exon=> In CDS Exon 2 of transcript AGAP010509-PA
JHU_Ag_1386	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	M1(Oxidation), C12(Carbamidomethyl)	80	1.62E-07	1	2126.069	4.69	Larva	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA

JHU_Ag_3724	MSSTFIGNTTAIQELFK	AGAP010510-PA	-	107	3.26E-10	2	1887.950	-0.89	Midgut	3L:+:5282901-5282951	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_3951	EIVHLQAGQCGNQIGAK	AGAP010510-PA	C10(Carbamidomethyl)	51	0.000134051	1	1822.919	-2.2	Pupa	3L:+:5261106-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_5037	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	M1(Oxidation), C12(Carbamidomethyl)	130	1.91E-12	1	2126.061	0.81	Visceras	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_8263	MSSTFIGNTTAIQELFK	AGAP010510-PA	M1(Oxidation)	46	0.000465869	2	1903.955	4.29	Larva	3L:+:5282901-5282951	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_24176	VPNPSYGDLNHLVSLTMSGVTTCLR	AGAP010510-PA	M17(Oxidation), C23(Carbamidomethyl)	125	4.40E-12	1	2747.350	0.2	Ovary	3L:+:5282463-5282537	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_27533	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	40	0.001577943	1	2168.073	1.58	Male reproductive organs	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_33431	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	C12(Carbamidomethyl)," M1(Oxidation), C12(Carbamidomethyl)"	93	6.22E-09	1	2110.067	1.13	Ovary	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_40859	EIVHLQAGQCGNQIGAK	AGAP010510-PA	C10(Carbamidomethyl), Q13(Deamidated),C10(Carbamidomethyl),"C10(Carbamidomethyl), N12(Deamidated)"	135	4.99E-13	1	1822.923	-0.15	Salivary gland	3L:+:5261106-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_45968	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	M1(Oxidation), C12(Carbamidomethyl)	93	8.16E-09	1	2126.057	-1.17	Male reproductive organs	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_49600	VSVYYNEASAVSR	AGAP010510-PA	-	90	1.26E-08	1	1444.706	-0.51	Ovary	3L:+:5281251-5281278,5281899-5281909	exon=> In CDS Exon 2 and 3 of transcript AGAP010510-PA
JHU_Ag_50113	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	C12(Carbamidomethyl)," M1(Oxidation), C12(Carbamidomethyl)"	106	4.02E-10	1	2126.060	0.3	Salivary gland	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_52010	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	N-Term(Acetyl), Q8(Deamidated), C12(Carbamidomethyl)	69	2.30E-06	1	2153.070	5.13	Salivary gland	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_61710	REIVHLQAGQCGNQIGAK	AGAP010510-PA	C11(Carbamidomethyl)	102	9.33E-10	1	1979.020	-2.23	Ovary	3L:+:5261103-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_75477	MSSTFIGNTTAIQELFKR	AGAP010510-PA	-	49	0.000172024	2	2044.059	2.56	Salivary gland	3L:+:5282901-5282954	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_75753	LFRPDNFVFGQSGAGNNWAK	AGAP010510-PA	-	110	1.56E-10	1	2225.093	2.01	Malpighian tubule	3L:+:5282000-5282059	exon=> In CDS Exon 3 of transcript AGAP010510-PA
JHU_Ag_76414	GHYTEGAELVDAVLDVVR	AGAP010510-PA	-	94	5.98E-09	1	1942.994	3.42	Head	3L:+:5282060-5282113	exon=> In CDS Exon 3 of transcript AGAP010510-PA
JHU_Ag_77028	EIVHLQAGQCGNQIGAK	AGAP010510-PA	C10(Carbamidomethyl)	97	2.86E-09	1	1822.925	0.92	Ovary	3L:+:5261106-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_77248	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	C12(Carbamidomethyl)," M1(Oxidation), C12(Carbamidomethyl)"	116	4.45E-11	1	2126.062	1.42	Head	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_77553	MSSTFIGNTTAIQELFKR	AGAP010510-PA	-	62	8.30E-06	1	2044.059	3	Malpighian tubule	3L:+:5282901-5282954	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_82889	VSVYYNEASAVSR	AGAP010510-PA	-	65	4.67E-06	1	1444.708	1.01	Malpighian tubule	3L:+:5281251-5281278,5281899-5281909	exon=> In CDS Exon 2 and 3 of transcript AGAP010510-PA
JHU_Ag_87143	AILLDLEPGTMEAVR	AGAP010510-PA	M11(Oxidation)	53	6.63E-05	2	1643.872	2.58	Malpighian tubule	3L:+:5281937-5281981	exon=> In CDS Exon 3 of transcript AGAP010510-PA

JHU_Ag_87951	EIVHLQAGQCGNQIGAK	AGAP010510-PA	C10(Carbamidomethyl), N12(Deamidated),"Q9(Deamidated), C10(Carbamidomethyl)",C10(Carbamidomethyl),"C10(Carbamidomethyl), Q13(Deamidated)"	117	3.11E-11	1	1822.924	0.66	Head	3L:+:5261106-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_90830	ISEQFSAMFR	AGAP010510-PA	M8(Oxidation)	71	8.95E-07	2	1231.577	-0.46	Ovary	3L:+:5282955-5282984	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_90859	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	C12(Carbamidomethyl),"M1(Oxidation), C12(Carbamidomethyl)"	142	9.66E-14	1	2126.058	-0.82	Malpighian tubule	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_99762	EVDEQMLAVQNK	AGAP010510-PA	M6(Oxidation)	65	5.76E-06	1	1419.677	-1.02	Ovary	3L:+:5282787-5282822	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_101062	EIVHLQAGQCGNQIGAK	AGAP010510-PA	C10(Carbamidomethyl)	88	2.44E-08	1	1822.929	3.2	Male reproductive organs	3L:+:5261106-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_101492	MREIVHLQAGQCGNQIGAK	AGAP010510-PA	N-Term(Acetyl), Q8(Deamidated), C12(Carbamidomethyl)	49	0.000214524	1	2153.083	11.25	Head	3L:+:5261100-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_105814	EIVHLQAGQCGNQIGAK	AGAP010510-PA	C10(Carbamidomethyl)	127	2.87E-12	1	1822.926	1.59	Malpighian tubule	3L:+:5261106-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_107155	LFRPDNFVFGQSGAGNNWAK	AGAP010510-PA	-	81	1.20E-07	1	2225.096	3.4	Ovary	3L:+:5282000-5282059	exon=> In CDS Exon 3 of transcript AGAP010510-PA
JHU_Ag_107811	LFRPDNFVFGQSGAGNNWAK	AGAP010510-PA	-	81	1.05E-07	1	2225.088	-0.3	Head	3L:+:5282000-5282059	exon=> In CDS Exon 3 of transcript AGAP010510-PA
JHU_Ag_109068	EIVHLQAGQCGNQIGAK	AGAP010510-PA	C10(Carbamidomethyl)	102	8.40E-10	1	1822.924	0.52	Visceras	3L:+:5261106-5261156	exon=> In CDS Exon 1 of transcript AGAP010510-PA
JHU_Ag_111626	MSSTFIGNTTAIQELFK	AGAP010510-PA	M1(Oxidation)	121	1.30E-11	1	1903.948	0.25	Ovary	3L:+:5282901-5282951	exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_114483	GHYTEGAELVDAVLDVVR	AGAP010510-PA	-	97	3.15E-09	1	1942.989	0.79	Ovary	3L:+:5282060-5282113	exon=> In CDS Exon 3 of transcript AGAP010510-PA
JHU_Ag_115519	GHYTEGAELVDAVLDVVRK	AGAP010510-PA	-	90	9.70E-09	1	2071.095	6.28	Ovary	3L:+:5282060-5282116	exon=> In CDS Exon 3 of transcript AGAP010510-PA
JHU_Ag_20546	IREEYPDR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP008622-PA,AGAP010929-PA	-	44	0.000818983	1	1077.532	-0.11	Midgut	3L:+:5282277-5282300;2L:+:13794008-13794031;2L:+:13794008-13794031;3R:-:13725995-13725972;3L:-:13309073-13309050	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_55799	IREEYPDR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP008622-PA,AGAP010929-PA	-	48	0.000355857	1	1077.532	-0.11	Salivary gland	3L:+:5282277-5282300;2L:+:13794008-13794031;2L:+:13794008-13794031;3R:-:13725995-13725972;3L:-:13309073-13309050	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_69275	IREEYPDR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP008622-PA,AGAP010929-PA	-	43	0.001050207	1	1077.532	-0.34	Pupa	3L:+:5282277-5282300;2L:+:13794008-13794031;2L:+:13794008-13794031;3R:-:13725995-13725972;3L:-:13309073-13309050	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_79654	IREEYPDR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP008622-PA,AGAP010929-PA	-	49	0.000275597	1	1077.532	-0.22	Male reproductive organs	3L:+:5282277-5282300;2L:+:13794008-13794031;2L:+:13794008-13794031;3R:-:13725995-13725972;3L:-:13309073-13309050	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_94327	IREEYPDR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP008622-PA,AGAP010929-PA	-	44	0.000763487	1	1077.527	-4.96	Head	3L:+:5282277-5282300;2L:+:13794008-13794031;2L:+:13794008-13794031;3R:-:13725995-13725972;3L:-:13309073-13309050	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 3 of transcript AGAP005293-PB;exon=> In CDS Exon 3 of transcript AGAP005293-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_4068	ALTVPELTQQMFDAK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	105	4.76E-10	1	1691.871	2.3	Malpighian tubule	3L:+:5282661-5282705;2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_10526	LAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M5(Oxidation)	79	2.39E-07	1	1159.629	-0.08	Head	3L:+:5282571-5282600;2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_22448	KLAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M6(Oxidation)	73	4.14E-07	2	1287.726	1.44	Male reproductive organs	3L:+:5282568-5282600;2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_23777	LAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M5(Oxidation)	64	6.88E-06	2	1159.628	-1.03	Midgut	3L:+:5282571-5282600;2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_34048	FPGQLNADLRK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	62	9.90E-06	1	1258.693	2.27	Head	3L:+:5282538-5282570;2L:+:13795710-13795742;2L:+:13795710-13795742;3L:-:13308812-13308780	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_36818	LAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M5(Oxidation)	74	4.52E-07	1	1143.634	-0.48	Salivary gland	3L:+:5282571-5282600;2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_37027	FPGQLNADLR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	72	1.05E-06	2	1130.595	-0.72	Head	3L:+:5282538-5282567;2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_41626	FPGQLNADLR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	68	3.07E-06	2	1130.594	-0.93	Malpighian tubule	3L:+:5282538-5282567;2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_42531	KLAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M6(Oxidation)	63	4.20E-06	1	1271.729	-0.14	Salivary gland	3L:+:5282568-5282600;2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_44897	KLAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	34	0.003260524	1	1271.727	-1.77	Midgut	3L:+:5282568-5282600;2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_54716	FPGQLNADLR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	59	2.42E-05	2	1130.596	0.9	Pupa	3L:+:5282538-5282567;2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_57182	ALTVPELTQQMFDAK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	111	1.31E-10	1	1691.868	0.28	Male reproductive organs	3L:+:5282661-5282705;2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_59004	FPGQLNADLRK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	73	6.35E-07	1	1258.695	3.91	Male reproductive organs	3L:+:5282538-5282570;2L:+:13795710-13795742;2L:+:13795710-13795742;3L:-:13308812-13308780	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_61072	ALTVPELTQQMFDAK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	112	8.86E-11	2	1691.868	0.35	Midgut	3L:+:5282661-5282705;2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_67179	KLAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M6(Oxidation)	62	4.58E-06	1	1271.732	2.45	Pupa	3L:+:5282568-5282600;2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_73964	LAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M5(Oxidation)	81	1.35E-07	2	1159.629	-0.08	Male reproductive organs	3L:+:5282571-5282600;2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_75002	ALTVPELTQQMFDAK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	127	3.36E-12	1	1691.866	-1.02	Salivary gland	3L:+:5282661-5282705;2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_78545	ALTVPELTQQMFDAK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M11(Oxidation)	95	4.41E-09	2	1707.865	1.47	Pupa	3L:+:5282661-5282705;2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_80202	FPGQLNADLR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	72	1.12E-06	2	1130.596	0.69	Salivary gland	3L:+:5282538-5282567;2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_83652	FPGQLNADLRK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	52	9.75E-05	1	1258.692	1.3	Malpighian tubule	3L:+:5282538-5282570;2L:+:13795710-13795742;2L:+:13795710-13795742;3L:-:13308812-13308780	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_84859	FPGQLNADLR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	45	0.000618011	2	1130.595	-0.72	Midgut	3L:+:5282538-5282567;2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_85760	KLAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M6(Oxidation)	67	1.51E-06	1	1271.730	0.34	Malpighian tubule	3L:+:5282568-5282600;2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_91859	KLAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M6(Oxidation)	52	6.77E-05	1	1287.724	0.02	Head	3L:+:5282568-5282600;2L:+:13795740-13795772;2L:+:13795740-13795772;3L:-:13308782-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_100761	FPGQLNADLRK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	64	6.39E-06	1	1258.689	-1.02	Salivary gland	3L:+:5282538-5282570;2L:+:13795710-13795742;2L:+:13795710-13795742;3L:-:13308812-13308780	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_103680	LAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M5(Oxidation)	77	3.67E-07	2	1159.630	0.76	Pupa	3L:+:5282571-5282600;2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_106824	ALTVPELTQQMFDAK	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	Q10(Deamidated),"Q9(Deamidated),M11(Oxidation)",M11(Oxidation),"Q10(Deamidated),M11(Oxidation)",Q9(Deamidated)	117	3.05E-11	1	1691.873	3.17	Head	3L:+:5282661-5282705;2L:+:13795833-13795877;2L:+:13795833-13795877;3L:-:13308689-13308645	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_109891	LAVNMVPFPR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	M5(Oxidation)	81	1.38E-07	2	1159.630	0.34	Malpighian tubule	3L:+:5282571-5282600;2L:+:13795743-13795772;2L:+:13795743-13795772;3L:-:13308779-13308750	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_116877	FPGQLNADLR	AGAP010510-PA,AGAP005293-PB,AGAP005293-PA,AGAP010929-PA	-	72	1.16E-06	2	1130.595	-0.18	Male reproductive organs	3L:+:5282538-5282567;2L:+:13795710-13795739;2L:+:13795710-13795739;3L:-:13308812-13308783	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 5 of transcript AGAP005293-PB;exon=> In CDS Exon 6 of transcript AGAP005293-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_797	NSSYFVEWIPNNVK	AGAP010510-PA,AGAP010929-PA	N1(Deamidated),N11(Deamidated)	78	2.32E-07	1	1696.838	3.2	Pupa	3L:+:5282823-5282864;3L:-:13308527-13308486	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_4098	NMMAACDPR	AGAP010510-PA,AGAP010929-PA	M2(Oxidation),C6(Carbamidomethyl),C6(Carbamidomethyl)	41	0.00019196	2	1065.427	-0.66	Salivary gland	3L:+:5282706-5282732;3L:-:13308644-13308618	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_5082	IMNTYSVVPSPK	AGAP010510-PA,AGAP010929-PA	M2(Oxidation)	93	9.20E-09	2	1335.698	0.31	Malpighian tubule	3L:+:5282301-5282336;3L:-:13309049-13309014	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_17464	NSSYFVEWIPNNVK	AGAP010510-PA,AGAP010929-PA	N1(Deamidated),N11(Deamidated)	102	1.02E-09	2	1696.835	1.25	Head	3L:+:5282823-5282864;3L:-:13308527-13308486	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_24080	NSSYFVEWIPNNVK	AGAP010510-PA,AGAP010929-PA	-	64	5.39E-06	2	1696.838	2.77	Malpighian tubule	3L:+:5282823-5282864;3L:-:13308527-13308486	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_27571	NSSYFVEWIPNNVK	AGAP010510-PA,AGAP010929-PA	-	90	1.73E-08	2	1696.833	0.1	Midgut	3L:+:5282823-5282864;3L:-:13308527-13308486	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_30146	NSSYFVEWIPNNVK	AGAP010510-PA,AGAP010929-PA	-	94	6.46E-09	1	1696.836	1.9	Salivary gland	3L:+:5282823-5282864;3L:-:13308527-13308486	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_34472	IMNTYSVVPSPK	AGAP010510-PA,AGAP010929-PA	M2(Oxidation)	77	3.28E-07	2	1335.697	-0.42	Pupa	3L:+:5282301-5282336;3L:-:13309049-13309014	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_43492	LHFFMPGFAPLTSR	AGAP010510-PA,AGAP010929-PA	M5(Oxidation)	95	5.71E-09	1	1636.834	2.37	Head	3L:+:5282601-5282642;3L:-:13308749-13308708	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_43817	YLTVAAVFRGR	AGAP010510-PA,AGAP010929-PA	-	37	0.000999406	1	1252.717	0.87	Malpighian tubule	3L:+:5282742-5282774;3L:-:13308608-13308576	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_46086	NMMAACDPR	AGAP010510-PA,AGAP010929-PA	M2(Oxidation), M3(Oxidation), C6(Carbamidomethyl)	32	0.000982037	2	1097.420	2.62	Male reproductive organs	3L:+:5282706-5282732;3L:-:13308644-13308618	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_46589	LHFFMPGFAPLTSR	AGAP010510-PA,AGAP010929-PA	M5(Oxidation)	67	3.23E-06	1	1636.832	0.65	Male reproductive organs	3L:+:5282601-5282642;3L:-:13308749-13308708	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_48860	NMMAACDPR	AGAP010510-PA,AGAP010929-PA	M2(Oxidation), M3(Oxidation), C6(Carbamidomethyl)	33	0.000606611	2	1097.417	-0.27	Midgut	3L:+:5282706-5282732;3L:-:13308644-13308618	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_50407	NMMAACDPR	AGAP010510-PA,AGAP010929-PA	M3(Oxidation), C6(Carbamidomethyl),"M2(Oxidation), C6(Carbamidomethyl)"	46	2.18E-05	2	1081.419	-3.06	Head	3L:+:5282706-5282732;3L:-:13308644-13308618	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_57407	YLTVAAVFR	AGAP010510-PA,AGAP010929-PA	-	75	1.35E-07	1	1039.595	1.2	Malpighian tubule	3L:+:5282742-5282768;3L:-:13308608-13308582	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_62419	IMNTYSVVPSPK	AGAP010510-PA,AGAP010929-PA	M2(Oxidation)	94	6.05E-09	2	1335.698	0.4	Head	3L:+:5282301-5282336;3L:-:13309049-13309014	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_62846	IMNTYSVVPSPK	AGAP010510-PA,AGAP010929-PA	M2(Oxidation)	79	2.16E-07	1	1351.693	0.46	Male reproductive organs	3L:+:5282301-5282336;3L:-:13309049-13309014	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_62967	YLTVAAVFR	AGAP010510-PA,AGAP010929-PA	-	82	3.23E-08	2	1039.593	-0.45	Male reproductive organs	3L:+:5282742-5282768;3L:-:13308608-13308582	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_63978	LHFFMPGFAPLTSR	AGAP010510-PA,AGAP010929-PA	M5(Oxidation)	86	4.34E-08	1	1620.837	0.76	Midgut	3L:+:5282601-5282642;3L:-:13308749-13308708	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_69456	LHFFMPGFAPLTSR	AGAP010510-PA,AGAP010929-PA	M5(Oxidation)	93	7.99E-09	1	1636.835	2.51	Pupa	3L:+:5282601-5282642;3L:-:13308749-13308708	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_70469	YLTVAAVFR	AGAP010510-PA,AGAP010929-PA	-	68	7.35E-07	2	1039.594	0.84	Midgut	3L:+:5282742-5282768;3L:-:13308608-13308582	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_81144	LHFFMPGFAPLTSR	AGAP010510-PA,AGAP010929-PA	M5(Oxidation)	80	1.63E-07	1	1636.832	1.1	Salivary gland	3L:+:5282601-5282642;3L:-:13308749-13308708	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_81955	IMNTYSVVPSPK	AGAP010510-PA,AGAP010929-PA	M2(Oxidation)	75	5.29E-07	1	1351.691	-0.9	Midgut	3L:+:5282301-5282336;3L:-:13309049-13309014	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_88640	NSSYFVEWIPNNVK	AGAP010510-PA,AGAP010929-PA	N1(Deamidated)	83	8.10E-08	2	1696.834	0.61	Male reproductive organs	3L:+:5282823-5282864;3L:-:13308527-13308486	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_89900	IMNTYSVVPSPK	AGAP010510-PA,AGAP010929-PA	M2(Oxidation)	88	2.95E-08	2	1335.696	-1.15	Salivary gland	3L:+:5282301-5282336;3L:-:13309049-13309014	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_93933	ALTVPELTQQMFDAKNMMAACDPR	AGAP010510-PA,AGAP010929-PA	M17(Oxidation), M18(Oxidation), C21(Carbamidomethyl)	61	8.82E-06	1	2770.274	2.45	Malpighian tubule	3L:+:5282661-5282732;3L:-:13308689-13308618	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_101275	NMMAACDPR	AGAP010510-PA,AGAP010929-PA	M3(Oxidation), C6(Carbamidomethyl),C6(Carbamidomethyl)	36	0.000312543	1	1081.422	-0.01	Malpighian tubule	3L:+:5282706-5282732;3L:-:13308644-13308618	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_104743	YLTVAAVFR	AGAP010510-PA,AGAP010929-PA	-	76	1.18E-07	2	1039.594	0.49	Pupa	3L:+:5282742-5282768;3L:-:13308608-13308582	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_110056	YLTVAAVFR	AGAP010510-PA,AGAP010929-PA	-	75	1.50E-07	1	1039.593	-0.57	Salivary gland	3L:+:5282742-5282768;3L:-:13308608-13308582	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_115034	YLTVAAVFR	AGAP010510-PA,AGAP010929-PA	-	80	5.15E-08	2	1039.594	0.26	Head	3L:+:5282742-5282768;3L:-:13308608-13308582	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_116115	LHFFMPGFAPLTSR	AGAP010510-PA,AGAP010929-PA	M5(Oxidation)	93	8.33E-09	1	1636.834	2.37	Malpighian tubule	3L:+:5282601-5282642;3L:-:13308749-13308708	exon=> In CDS Exon 4 of transcript AGAP010510-PA;exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_7561	KIDLETVTSSPDASK	AGAP010514-PA	-	78	2.37E-07	2	1590.820	-1.38	Male reproductive organs	3L:-:5561227-5561183	exon=> In CDS Exon 1 of transcript AGAP010514-PA
JHU_Ag_27732	IDLETVTSSPDASK	AGAP010514-PA	-	44	0.000633641	2	1462.733	3.93	Male reproductive organs	3L:-:5561224-5561183	exon=> In CDS Exon 1 of transcript AGAP010514-PA
JHU_Ag_36503	GGDFVYFGGNISGK	AGAP010514-PA	-	58	1.73E-05	2	1417.675	0.09	Salivary gland	3L:-:5561032-5561809,5560797-5560899	exon=> In CDS Exon 2 and 1 of transcript AGAP010514-PA
JHU_Ag_45752	WIVEERPDATNVNNWHWTEK	AGAP010514-PA	-	99	1.72E-09	1	2524.206	2.21	Ovary	3L:-:5561779-5561720	exon=> In CDS Exon 1 of transcript AGAP010514-PA
JHU_Ag_46271	KIDLETVTSSPDASK	AGAP010514-PA	-	44	0.000546608	2	1590.825	1.46	Ovary	3L:-:5561227-5561183	exon=> In CDS Exon 1 of transcript AGAP010514-PA

JHU_Ag_49303	YYWNSIR	AGAP010514-PA	-	37	0.001599 03	2	1001.486	1.57	Ovary	3L:-:5547126-5547106	exon=> In CDS Exon 3 of transcript AGAP010514-PA
JHU_Ag_77590	ANELFDALTR	AGAP010514-PA	-	39	0.002035 346	2	1149.589	-0.56	Ovary	3L:-:5561116-5561087	exon=> In CDS Exon 1 of transcript AGAP010514-PA
JHU_Ag_90010	KIDLETVTSSPDASK	AGAP010514-PA	-	73	8.05E-07	2	1590.822	-0.3	Salivary gland	3L:-:5561227-5561183	exon=> In CDS Exon 1 of transcript AGAP010514-PA
JHU_Ag_110246	ANELFDALTR	AGAP010514-PA	-	42	0.001062 101	2	1149.591	0.5	Male reproductive organs	3L:-:5561116-5561087	exon=> In CDS Exon 1 of transcript AGAP010514-PA
JHU_Ag_1767	NLSPDRSDPSAELQK	AGAP010517-PA	-	60	1.45E-05	1	1656.820	0.63	Visceras	3L:-:5582317-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_1853	NLSPDRSDPSAELQK	AGAP010517-PA	-	53	7.96E-05	2	1656.816	-1.8	Midgut	3L:-:5582317-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_3411	SDPSAELQKALNR	AGAP010517-PA	Q8(Deamidated)	35	0.004243 464	1	1429.730	0.92	Male reproductive organs	3L:-:5582299-5582261	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_3573	NLRPNYVDAIFDVVNWK	AGAP010517-PA	-	69	1.34E-06	1	2063.086	7.33	Ovary	3L:-:5581963-5581913	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_4846	AAAVAVQGSGWAWLGYNKK	AGAP010517-PA	-	126	2.18E-12	1	1977.035	0.45	Head	3L:-:5582221-5582165	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_6178	HHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	-	173	7.01E-17	1	2436.197	2.59	Visceras	3L:-:5582467-5582402	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_6876	NLRPNYVDAIFDVVNWKDVSER	AGAP010517-PA	-	36	0.002759 828	1	2649.343	0.22	Head	3L:-:5581963-5581898	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_8769	NLSPDRSDPSAELQK	AGAP010517-PA	-	61	1.28E-05	1	1656.813	-3.5	Head	3L:-:5582317-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_9365	EIMELHHQK	AGAP010517-PA	M3(Oxidation)	48	0.000262 129	1	1180.580	1.62	Ovary	3L:-:5582579-5582670,5582107-5582468	exon=> In CDS Exon 3 and 2 of transcript AGAP010517-PA
JHU_Ag_12086	HHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	Q15(Deamidated),Q17(Deamidated)	193	7.68E-19	1	2436.191	0.17	Ovary	3L:-:5582467-5582402	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_13582	DFQNMENFKK	AGAP010517-PA	M5(Oxidation)	59	1.10E-05	1	1316.593	-0.92	Ovary	3L:-:5582260-5582231	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_15529	HTLPDLPYDFGALEPVICR	AGAP010517-PA	C18(Carbamidomethyl)	96	3.88E-09	1	2213.114	3.4	Head	3L:-:5582636-5582580	exon=> In CDS Exon 2 of transcript AGAP010517-PA
JHU_Ag_16044	EIMELHHQK	AGAP010517-PA	M3(Oxidation)	51	0.000133 597	1	1180.574	-3.65	Head	3L:-:5582579-5582670,5582107-5582468	exon=> In CDS Exon 3 and 2 of transcript AGAP010517-PA
JHU_Ag_16933	SDPSAELQK	AGAP010517-PA	-	42	0.000827 325	1	974.479	0.47	Ovary	3L:-:5582299-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_17032	IIQLGNAIK	AGAP010517-PA	-	58	3.99E-06	2	969.607	-2.15	Head	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_17658	DFQNMENFKK	AGAP010517-PA	M5(Oxidation)	36	0.002609 32	1	1300.596	-2.58	Head	3L:-:5582260-5582231	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_18860	HHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	Q15(Deamidated),Q17(Deamidated),N8(Deamidated),N3(Deamidated),N10(Deamidated)	163	7.87E-16	1	2436.198	3.27	Head	3L:-:5582467-5582402	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_20264	FNGGGHINHSIFWK	AGAP010517-PA	N2(Deamidated)	95	5.41E-09	1	1613.795	-1.55	Head	3L:-:5582359-5582318	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_21846	IIQLGNAIK	AGAP010517-PA	-	41	0.000185 443	2	969.609	-0.08	Visceras	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_23035	IIQLGNAIKFNGGGHINHSIFWK	AGAP010517-PA	N17(Deamidated),N11(Deamidated)	47	0.000106 022	1	2565.376	1.37	Malpighian tubule	3L:-:5582386-5582318	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_23628	AAAVAVQGSGWAWLGYNK	AGAP010517-PA	-	103	7.11E-10	1	1848.943	2.19	Head	3L:-:5582221-5582168	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_24753	AAAVAVQGSGWAWLGYNKK	AGAP010517-PA	-	77	1.86E-07	1	1977.035	0.26	Midgut	3L:-:5582221-5582165	exon=> In CDS Exon 3 of transcript AGAP010517-PA

JHU_Ag_26112	HHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	-	72	1.01E-06	1	2436.195	1.99	Salivary gland	3L:-:5582467-5582402	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_28268	LLQIAACPNQDPLEATTGLVPLLGIDVWEHAYYLQYK	AGAP010517-PA	C7(Carbamidomethyl)	84	1.67E-08	1	4213.177	2.12	Ovary	3L:-:5582158-5582482,5581880-5581964	exon=> In CDS Exon 4 and 3 of transcript AGAP010517-PA
JHU_Ag_28528	NLSPDRSDPSAELQK	AGAP010517-PA	-	62	1.08E-05	1	1656.824	2.99	Male reproductive organs	3L:-:5582317-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_32399	FNGGGHINHSIFWK	AGAP010517-PA	-	45	0.000518322	1	1613.798	0.37	Male reproductive organs	3L:-:5582359-5582318	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_33155	DFQNMENFKK	AGAP010517-PA	M5(Oxidation)	64	4.55E-06	1	1300.602	2.39	Malpighian tubule	3L:-:5582260-5582231	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_36350	NLRPNYVDAIFDVVNWK	AGAP010517-PA	-	65	3.71E-06	3	2063.081	4.93	Malpighian tubule	3L:-:5581963-5581913	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_39185	HTLPDLPYDFGALEPVICR	AGAP010517-PA	C18(Carbamidomethyl)	62	9.36E-06	1	2213.105	-0.57	Malpighian tubule	3L:-:5582636-5582580	exon=> In CDS Exon 2 of transcript AGAP010517-PA
JHU_Ag_41516	FNGGGHINHSIFWK	AGAP010517-PA	-	53	9.23E-05	1	1613.797	0.02	Ovary	3L:-:5582359-5582318	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_41683	FNGGGHINHSIFWK	AGAP010517-PA	-	90	1.73E-08	1	1613.801	2.38	Malpighian tubule	3L:-:5582359-5582318	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_42812	HHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	-	135	5.03E-13	1	2436.193	1.24	Larva	3L:-:5582467-5582402	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_43234	AAAVAVQGSGWAWLGYNK	AGAP010517-PA	-	135	4.33E-13	2	1848.945	2.92	Visceras	3L:-:5582221-5582168	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_44704	SDPSAELQK	AGAP010517-PA	-	41	0.001123767	1	974.479	-0.14	Visceras	3L:-:5582299-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_49564	SDPSAELQK	AGAP010517-PA	-	60	1.42E-05	1	974.479	-0.28	Malpighian tubule	3L:-:5582299-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_50980	HHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	N8(Deamidated),N3(Deamidated)	155	4.06E-15	1	2436.203	5.37	Midgut	3L:-:5582467-5582402	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_52234	IIQLGNAIK	AGAP010517-PA	-	47	4.89E-05	2	969.609	-0.33	Midgut	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_53995	HTLPDLPYDFGALEPVICR	AGAP010517-PA	C18(Carbamidomethyl)	92	9.91E-09	1	2213.113	2.96	Visceras	3L:-:5582636-5582580	exon=> In CDS Exon 2 of transcript AGAP010517-PA
JHU_Ag_56930	NLRPNYVDAIFDVVNWK	AGAP010517-PA	-	102	7.28E-10	1	2063.074	1.6	Head	3L:-:5581963-5581913	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_59042	IIQLGNAIK	AGAP010517-PA	N6(Deamidated)	65	6.69E-07	1	969.611	2	Ovary	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_59412	NLRPNYVDAIFDVVNWKDVSER	AGAP010517-PA	-	101	8.19E-10	1	2649.354	4.46	Malpighian tubule	3L:-:5581963-5581898	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_62895	AAAVAVQGSGWAWLGYNKK	AGAP010517-PA	-	118	1.35E-11	1	1977.038	1.93	Visceras	3L:-:5582221-5582165	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_80913	NLRPNYVDAIFDVVNWKDVSER	AGAP010517-PA	-	103	5.40E-10	1	2649.339	-1	Midgut	3L:-:5581963-5581898	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_87527	NLRPNYVDAIFDVVNWK	AGAP010517-PA	-	68	1.68E-06	3	2063.081	4.93	Larva	3L:-:5581963-5581913	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_88801	HHNAYVTNLNAAEEQLQDAVAKQDVSK	AGAP010517-PA	-	80	1.43E-07	1	2993.483	3.78	Malpighian tubule	3L:-:5582467-5582387	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_89868	AAAVAVQGSGWAWLGYNKK	AGAP010517-PA	-	140	9.20E-14	1	1977.040	2.79	Malpighian tubule	3L:-:5582221-5582165	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_89989	NLRPNYVDAIFDVVNWK	AGAP010517-PA	-	113	6.38E-11	1	2063.072	0.41	Midgut	3L:-:5581963-5581913	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_92097	NLSPDRSDPSAELQK	AGAP010517-PA	-	61	1.32E-05	1	1656.820	0.85	Malpighian tubule	3L:-:5582317-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_92674	NLRPNYVDAIFDVVNWK	AGAP010517-PA	-	106	3.10E-10	1	2063.077	3.14	Visceras	3L:-:5581963-5581913	exon=> In CDS Exon 4 of transcript AGAP010517-PA

JHU_Ag_92801	HTLPDLPYDFGALEPVICR	AGAP010517-PA	C18(Carbamidomethyl)	109	1.77E-10	1	2213.108	0.83	Ovary	3L:-:5582636-5582580	exon=> In CDS Exon 2 of transcript AGAP010517-PA
JHU_Ag_93930	IIQLGNAIK	AGAP010517-PA	-	64	9.36E-07	2	969.610	0.49	Male reproductive organs	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_95144	SDPSAELQK	AGAP010517-PA	-	38	0.002156137	2	974.478	-0.97	Head	3L:-:5582299-5582273	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_95397	HTLPDLPYDFGALEPVICR	AGAP010517-PA	C18(Carbamidomethyl)	47	0.000273181	1	2213.117	4.95	Midgut	3L:-:5582636-5582580	exon=> In CDS Exon 2 of transcript AGAP010517-PA
JHU_Ag_96502	DFQNMENFKK	AGAP010517-PA	M5(Oxidation)	63	4.39E-06	1	1300.601	1.36	Visceras	3L:-:5582260-5582231	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_98665	IIQLGNAIK	AGAP010517-PA	-	50	2.20E-05	1	969.611	1.43	Salivary gland	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_101465	DFQNMENFKK	AGAP010517-PA	M5(Oxidation)	64	2.91E-06	1	1316.593	-0.92	Midgut	3L:-:5582260-5582231	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_101590	IIQLGNAIK	AGAP010517-PA	-	55	7.47E-06	1	969.611	2.19	Larva	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_107209	DFQNMENFK	AGAP010517-PA	M5(Oxidation)	32	0.001999325	2	1188.499	-0.4	Visceras	3L:-:5582260-5582234	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_108563	FNGGGHINHSIFWK	AGAP010517-PA	N2(Deamidated)	90	1.71E-08	1	1613.802	2.99	Visceras	3L:-:5582359-5582318	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_109272	HHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	-	149	2.13E-14	1	2436.197	2.74	Malpighian tubule	3L:-:5582467-5582402	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_109416	IIQLGNAIK	AGAP010517-PA	-	59	2.88E-06	1	969.611	1.62	Malpighian tubule	3L:-:5582386-5582360	exon=> In CDS Exon 3 of transcript AGAP010517-PA
JHU_Ag_109964	EIMELHHQKHHNAYVTNLNAAEEQLQDAVAK	AGAP010517-PA	-	88	1.65E-08	1	3581.781	7.09	Malpighian tubule	3L:-:5582579-5582670,5582107-5582402	exon=> In CDS Exon 3 and 2 of transcript AGAP010517-PA
JHU_Ag_112756	NLRPNYVDAIFDVVNWKDVSER	AGAP010517-PA	-	134	5.08E-13	1	2649.343	0.22	Ovary	3L:-:5581963-5581898	exon=> In CDS Exon 4 of transcript AGAP010517-PA
JHU_Ag_30563	KNAISMLK	AGAP010518-PA	M6(Oxidation)	33	0.005051571	1	920.511	-12.97	Head	3L:-:5585795-5585772	exon=> In CDS Exon 3 of transcript AGAP010518-PA
JHU_Ag_78677	KNAISMLK	AGAP010518-PA	M6(Oxidation)	41	0.000896251	2	920.510	-14.51	Visceras	3L:-:5585795-5585772	exon=> In CDS Exon 3 of transcript AGAP010518-PA
JHU_Ag_86967	IQIKSLK	AGAP010518-PA	-	29	0.001920653	1	829.552	1.6	Ovary	3L:-:5586245-5586225	exon=> In CDS Exon 2 of transcript AGAP010518-PA
JHU_Ag_93121	LSIDVNLK	AGAP010518-PA	N6(Deamidated)	42	0.000914888	1	902.511	-9.64	Male reproductive organs	3L:-:5586821-5586798	exon=> In CDS Exon 1 of transcript AGAP010518-PA
JHU_Ag_3842	RPYVFIFR	AGAP010519-PA	-	45	0.000186002	1	1097.627	1.03	Head	3L:+:5629398-5629421	exon=> In CDS Exon 16 of transcript AGAP010519-PA
JHU_Ag_19377	HEEAFSTEPVK	AGAP010519-PA	-	42	0.000750516	2	1273.601	-3.51	Head	3L:+:5627180-5627212	exon=> In CDS Exon 13 of transcript AGAP010519-PA
JHU_Ag_26770	LGTSEANVPQDIQLSGSHILK	AGAP010519-PA	-	36	0.002215231	1	2207.173	3.04	Head	3L:+:5622661-5622723	exon=> In CDS Exon 7 of transcript AGAP010519-PA
JHU_Ag_56043	GDSSVASELHESNDQEPGEHLQPGK	AGAP010519-PA	-	34	0.004029267	1	2647.183	-1.35	Head	3L:+:5626948-5627022	exon=> In CDS Exon 12 of transcript AGAP010519-PA
JHU_Ag_67125	DGVVTLVPHK	AGAP010519-PA	-	66	1.28E-06	1	1064.612	1.82	Head	3L:+:5622748-5622777	exon=> In CDS Exon 7 of transcript AGAP010519-PA
JHU_Ag_97776	HLLLLR	AGAP010519-PA	-	21	0.001794486	2	764.515	0.95	Head	3L:+:5628834-5628851	exon=> In CDS Exon 16 of transcript AGAP010519-PA
JHU_Ag_363	ITHAQQSFFLSNVLK	AGAP010536-PA	-	38	0.001414772	1	1732.949	6.13	Ovary	3L:-:5819644-5819600	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_2755	LIGIWSTAEEETIR	AGAP010536-PA	-	91	1.29E-08	1	1617.853	2.77	Ovary	3L:-:5819713-5819672	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_6601	LETTDPELFAFLK	AGAP010536-PA	-	73	5.38E-07	1	1523.808	5.51	Ovary	3L:-:5820451-5820413	exon=> In CDS Exon 2 of transcript AGAP010536-PA

JHU_Ag_11131	FSPANIQENAFK	AGAP010536-PA	-	56	3.87E-05	1	1365.681	1.2	Ovary	3L:-:5819077-5819042	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_22955	FVSPNTLPNINFMR	AGAP010536-PA	M13(Oxidation)	43	0.000729673	2	1665.849	4.49	Larva	3L:-:5819566-5819525	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_37243	SYLALTEKR	AGAP010536-PA	-	47	0.000137818	2	1080.607	2.34	Malpighian tubule	3L:-:5819935-5819909	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_51644	ISDYKLPTLK	AGAP010536-PA	-	59	5.44E-06	1	1177.685	2.01	Ovary	3L:-:5818681-5818652	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_55767	AFNSALYTVTGDK	AGAP010536-PA	-	88	2.60E-08	2	1386.691	0.68	Ovary	3L:-:5820064-5820026	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_60696	AWTNDLTTLPIK	AGAP010536-PA	-	78	1.82E-07	1	1372.748	0.78	Ovary	3L:-:5820130-5820095	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_82401	TVEDYPLEDGTDADQVDIVK	AGAP010536-PA	-	95	5.21E-09	2	2222.037	1.18	Ovary	3L:-:5818351-5818292	exon=> In CDS Exon 3 of transcript AGAP010536-PA
JHU_Ag_82739	FVSPNTLPNINFMR	AGAP010536-PA	M13(Oxidation)	37	0.002736649	1	1665.851	5.66	Malpighian tubule	3L:-:5819566-5819525	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_82749	FVSPNTLPNINFMR	AGAP010536-PA	N5(Deamidated), M13(Oxidation)	35	0.00440913	2	1666.846	12.1	Ovary	3L:-:5819566-5819525	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_96955	DLKLDDWDD	AGAP010536-PA	-	49	8.83E-05	2	1134.497	1.74	Ovary	3L:-:5818291-5818265	exon=> In CDS Exon 3 of transcript AGAP010536-PA
JHU_Ag_115165	AFNSALYTVTGDK	AGAP010536-PA	-	64	5.97E-06	2	1386.694	2.71	Midgut	3L:-:5820064-5820026	exon=> In CDS Exon 2 of transcript AGAP010536-PA
JHU_Ag_12656	ESATLRPEHLQYHVETIEQHAAK	AGAP010537-PA	-	81	1.02E-07	1	2687.351	-0.83	Midgut	3L:+:5822131-5822199	exon=> In CDS Exon 2 of transcript AGAP010537-PA
JHU_Ag_15586	LHSNVVGIDPSEK	AGAP010537-PA	-	70	1.33E-06	1	1394.730	1.83	Male reproductive organs	3L:+:5822062-5822100	exon=> In CDS Exon 2 of transcript AGAP010537-PA
JHU_Ag_19483	NTEINYALHAVK	AGAP010537-PA	-	68	2.78E-06	1	1372.725	2.48	Head	3L:+:5822527-5822562	exon=> In CDS Exon 2 of transcript AGAP010537-PA
JHU_Ag_24576	QSSEWWDPQGPIR	AGAP010537-PA	-	59	1.39E-05	2	1585.732	-4.4	Midgut	3L:+:5821858-5821896	exon=> In CDS Exon 2 of transcript AGAP010537-PA
JHU_Ag_33840	ESATLRPEHLQYHVETIEQHAAK	AGAP010537-PA	-	49	0.000156161	1	2687.362	3.17	Head	3L:+:5822131-5822199	exon=> In CDS Exon 2 of transcript AGAP010537-PA
JHU_Ag_172	YVLEPSYVPCENLIEGR	AGAP010538-PA	C10(Carbamidomethyl)	94	6.99E-09	1	2037.997	0.76	Ovary	3L:-:5822948-5822898	exon=> In CDS Exon 2 of transcript AGAP010538-PA
JHU_Ag_31689	ILDIESGADIAK	AGAP010538-PA	-	83	6.67E-08	2	1244.675	1.22	Ovary	3L:-:5822861-5822826	exon=> In CDS Exon 2 of transcript AGAP010538-PA
JHU_Ag_43613	ALYASEITDK	AGAP010538-PA	-	54	5.85E-05	2	1110.568	0.57	Ovary	3L:-:5822999-5822970	exon=> In CDS Exon 2 of transcript AGAP010538-PA
JHU_Ag_108441	LQHPLPLNIK	AGAP010538-PA	-	35	0.000639372	1	1172.714	-1.24	Ovary	3L:-:5822699-5822670	exon=> In CDS Exon 2 of transcript AGAP010538-PA
JHU_Ag_2640	AGKPIPIDELPTPPGYGPIPVDGPPKPAAPPAPK	AGAP010539-PA	-	31	0.001223162	1	3351.842	1.97	Malpighian tubule	3L:+:5825133-5825234	exon=> In CDS Exon 3 of transcript AGAP010539-PA
JHU_Ag_3936	YQFPESVVPAGNNYLNK	AGAP010543-PA	-	57	3.20E-05	2	1939.959	2.12	Ovary	3L:+:6000362-6000412	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_6835	YQFPESVVPAGNNYLNK	AGAP010543-PA	-	45	0.000497412	1	1939.963	4.2	Malpighian tubule	3L:+:6000362-6000412	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_8637	DILEAVVDYGR	AGAP010543-PA	-	79	2.06E-07	2	1249.641	-0.95	Visceras	3L:+:6000794-6000826	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_8837	NVIISDCKPFANRLYLTIPR	AGAP010543-PA	C7(Carbamidomethyl)	48	5.78E-05	1	2390.318	6.98	Malpighian tubule	3L:+:5999943-6000002	exon=> In CDS Exon 1 of transcript AGAP010543-PA
JHU_Ag_23227	LYLTIPR	AGAP010543-PA	-	46	5.80E-05	1	875.537	2.11	Malpighian tubule	3L:+:5999982-6000002	exon=> In CDS Exon 1 of transcript AGAP010543-PA
JHU_Ag_36253	DILEAVVDYGR	AGAP010543-PA	-	59	2.09E-05	2	1249.646	3.25	Ovary	3L:+:6000794-6000826	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_41290	TGALSYVYTPDNLFNSDGK	AGAP010543-PA	-	62	1.15E-05	2	2061.984	3.87	Malpighian tubule	3L:+:6001103-6001159	exon=> In CDS Exon 2 of transcript AGAP010543-PA

JHU_Ag_45438	DILEAVVDYGR	AGAP010543-PA	-	69	1.78E-06	1	1249.645	1.78	Malpighian tubule	3L:+:6000794-6000826	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_53382	LNPLEVNFR	AGAP010543-PA	-	43	0.000549392	1	1101.608	2.64	Ovary	3L:+:6001061-6001087	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_58941	NVIISDCKPFANR	AGAP010543-PA	C7(Carbamidomethyl)	61	1.47E-05	1	1533.780	-2.91	Ovary	3L:+:5999943-5999981	exon=> In CDS Exon 1 of transcript AGAP010543-PA
JHU_Ag_63528	IILLDLKR	AGAP010543-PA	-	44	3.42E-05	2	983.665	4.17	Head	3L:+:6000317-6000340	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_68056	LYLTIPR	AGAP010543-PA	-	47	5.14E-05	2	875.537	2.46	Ovary	3L:+:5999982-6000002	exon=> In CDS Exon 1 of transcript AGAP010543-PA
JHU_Ag_69323	NVYYSPLSSYHIYSLPASLLRDPEFNAR	AGAP010543-PA	-	104	3.33E-10	1	3272.662	7.34	Ovary	3L:+:6000698-6000781	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_73961	TGALSYVYTPDNLFNSDGK	AGAP010543-PA	-	57	3.18E-05	2	2061.979	1.03	Ovary	3L:+:6001103-6001159	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_75324	IILLDLK	AGAP010543-PA	-	31	0.000797487	1	827.562	1.91	Ovary	3L:+:6000317-6000337	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_81961	DILEAVVDYGRK	AGAP010543-PA	-	81	7.99E-08	1	1377.740	2.24	Malpighian tubule	3L:+:6000794-6000829	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_87416	IILLDLKR	AGAP010543-PA	-	55	2.88E-06	1	983.663	1.56	Ovary	3L:+:6000317-6000340	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_96620	DILEAVVDYGRK	AGAP010543-PA	-	89	1.36E-08	1	1377.740	2.06	Ovary	3L:+:6000794-6000829	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_100876	DILEAVVDYGR	AGAP010543-PA	-	67	2.95E-06	2	1249.646	2.56	Head	3L:+:6000794-6000826	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_106641	YQFPESVVPAGNNYLNK	AGAP010543-PA	-	42	0.001134046	1	1939.952	-1.53	Head	3L:+:6000362-6000412	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_110176	DILEAVVDYGR	AGAP010543-PA	-	59	1.95E-05	2	1249.643	0.81	Salivary gland	3L:+:6000794-6000826	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_112551	NVIISDCKPFANR	AGAP010543-PA	C7(Carbamidomethyl)	61	1.32E-05	1	1533.788	2.5	Malpighian tubule	3L:+:5999943-5999981	exon=> In CDS Exon 1 of transcript AGAP010543-PA
JHU_Ag_112916	NVYYSPLSSYHIYSLPASLLRDPEFNAR	AGAP010543-PA	-	123	4.95E-12	1	3272.637	-0.04	Malpighian tubule	3L:+:6000698-6000781	exon=> In CDS Exon 2 of transcript AGAP010543-PA
JHU_Ag_5650	FFHTSPVLDCAFLDSVK	AGAP010544-PA	C10(Carbamidomethyl)	101	1.16E-09	1	1982.972	1.74	Ovary	3L:-:6011204-6011372,6010298-6011075	exon=> In CDS Exon 2 and 1 of transcript AGAP010544-PA
JHU_Ag_15685	LYDLNTHIEHNLGTHDAAVK	AGAP010544-PA	-	92	9.72E-09	1	2261.139	3.38	Ovary	3L:-:6011041-6010982	exon=> In CDS Exon 2 of transcript AGAP010544-PA
JHU_Ag_17155	FFHTSPVLDCAFLDSVK	AGAP010544-PA	C10(Carbamidomethyl)	54	6.16E-05	3	1982.974	2.75	Midgut	3L:-:6011204-6011372,6010298-6011075	exon=> In CDS Exon 2 and 1 of transcript AGAP010544-PA
JHU_Ag_18898	VLIWDLR	AGAP010544-PA	-	37	0.002089009	1	914.546	-0.37	Ovary	3L:-:6010804-6010784	exon=> In CDS Exon 2 of transcript AGAP010544-PA
JHU_Ag_40743	YVSEQETRPK	AGAP010544-PA	-	42	0.000842079	2	1236.623	0.64	Malpighian tubule	3L:-:6010330-6010301	exon=> In CDS Exon 2 of transcript AGAP010544-PA
JHU_Ag_59342	LYDVVNNTLR	AGAP010544-PA	-	60	1.37E-05	2	1206.649	1.22	Ovary	3L:-:6011240-6011211	exon=> In CDS Exon 1 of transcript AGAP010544-PA
JHU_Ag_106803	KAEVQILNAPSDVISSVK	AGAP010544-PA	-	80	4.70E-08	1	1898.058	-0.8	Ovary	3L:-:6011351-6011298	exon=> In CDS Exon 1 of transcript AGAP010544-PA
JHU_Ag_108197	FFHTSPVLDCAFLDSVK	AGAP010544-PA	C10(Carbamidomethyl)	36	0.004053628	1	1982.967	-0.39	Head	3L:-:6011204-6011372,6010298-6011075	exon=> In CDS Exon 2 and 1 of transcript AGAP010544-PA
JHU_Ag_40920	VTPFLVGLTSFGRPCGQSHPGVYTR	AGAP010545-PA	C15(Carbamidomethyl)	61	7.75E-06	1	2733.406	4.63	Head	3L:+:6058749-6058823	exon=> In CDS Exon 5 of transcript AGAP010545-PA
JHU_Ag_114289	NAPVEYLIGVYSR	AGAP010545-PA	-	42	0.000656739	2	1480.786	4.51	Head	3L:+:6060857-6060895	exon=> In CDS Exon 9 of transcript AGAP010545-PA

JHU_Ag_81086	DGFEGLVAPAYGNPALLR	AGAP010546-PA	-	53	6.82E-05	2	1859.974	4.54	Head	3L:+:6061743-6061796	exon=> In CDS Exon 3 of transcript AGAP010546-PA
JHU_Ag_3385	QNEDTNLFTEYLVNIYSHGR	AGAP010547-PA	Q1(Deamidated)	99	1.93E-09	1	2413.151	3.67	Head	3L:+:6065333-6065392	exon=> In CDS Exon 3 of transcript AGAP010547-PA
JHU_Ag_12501	DCGFGEPAVAVR	AGAP010547-PA	C2(Carbamidomethyl)	71	1.05E-06	2	1277.595	0.6	Head	3L:+:6064262-6064297	exon=> In CDS Exon 1 of transcript AGAP010547-PA
JHU_Ag_23908	DEVIFIDPDLR	AGAP010547-PA	-	77	4.18E-07	2	1331.687	2.12	Head	3L:+:6064382-6064414	exon=> In CDS Exon 1 of transcript AGAP010547-PA
JHU_Ag_33014	TDVTSNPSEIER	AGAP010547-PA	-	50	0.00015	2	1347.638	-0.82	Head	3L:+:6064556-6064591	exon=> In CDS Exon 1 of transcript AGAP010547-PA
JHU_Ag_6405	VQDEPPPFFER	AGAP010548-PA	-	71	1.08E-06	1	1360.658	3.4	Ovary	3L:-:6175935-6175903	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_18274	QVQVLLK	AGAP010548-PA	-	38	0.000541351	1	827.537	2.02	Ovary	3L:-:6175496-6175476	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_20580	MALDLYRMR	AGAP010548-PA	M1(Oxidation), M8(Oxidation)	31	0.008555119	1	1200.577	-8.07	Head	3L:-:6175848-6175822	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_22924	FPVTEECYTDR	AGAP010548-PA	C7(Carbamidomethyl)	83	2.13E-08	1	1416.610	-0.27	Ovary	3L:-:6175613-6175581	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_30881	AVERDLPEER	AGAP010548-PA	-	50	0.000126025	1	1213.616	-1.19	Malpighian tubule	3L:-:6175974-6175945	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_32363	MALDLYR	AGAP010548-PA	-	54	3.43E-05	2	881.457	1.75	Malpighian tubule	3L:-:6175848-6175828	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_34598	LLPAIDELSDRDSGDELTK	AGAP010548-PA	-	52	9.05E-05	1	2087.058	3.84	Ovary	3L:-:6175460-6175404	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_36641	YDLWGGDGSR	AGAP010548-PA	-	68	1.08E-06	1	1125.499	2.72	Ovary	3L:-:6176052-6176023	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_39159	NRVENDCFCSGVTER	AGAP010548-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	89	7.41E-09	1	1842.791	2.64	Ovary	3L:-:6175899-6175855	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_39655	LLPAIDELSDR	AGAP010548-PA	-	48	0.000114304	2	1241.677	2.83	Ovary	3L:-:6175460-6175428	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_42454	VQDEPPPFFERK	AGAP010548-PA	-	61	1.19E-05	1	1488.753	3.35	Ovary	3L:-:6175935-6175900	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_44888	TYDSISPEGICLSIPELWELHKK	AGAP010548-PA	C11(Carbamidomethyl)	76	2.72E-07	1	2715.379	3.45	Ovary	3L:-:6175196-6175128	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_47200	IPLSVLLGNLITAYGGYMR	AGAP010548-PA	M18(Oxidation)	121	4.07E-12	1	2067.132	0.53	Ovary	3L:-:6175670-6175614	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_51375	AVGYFLPTSHDQR	AGAP010548-PA	-	50	0.000161911	1	1490.741	1.47	Malpighian tubule	3L:-:6175535-6175497	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_54078	LGGESSGANYIR	AGAP010548-PA	-	67	2.90E-06	2	1223.602	0.75	Ovary	3L:-:6175706-6175671	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_57985	CIPSYGELVCPSVK	AGAP010548-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	61	1.06E-05	2	1608.778	1.19	Ovary	3L:-:6176112-6176071	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_58695	EDAGRYDLWGGDGSR	AGAP010548-PA	-	52	5.21E-05	1	1653.731	3.69	Ovary	3L:-:6176067-6176023	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_61741	LKVHDYGHRPLCNPVWYFNGRPVSK	AGAP010548-PA	C12(Carbamidomethyl)	66	2.19E-06	1	3039.556	1.23	Ovary	3L:-:6176193-6176119	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_62875	AVGYFLPTSHDQRQVQVLLK	AGAP010548-PA	-	30	0.003253138	1	2299.262	2.74	Malpighian tubule	3L:-:6175535-6175476	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_65176	AVERDLPEER	AGAP010548-PA	-	50	0.000115055	2	1213.619	1.83	Ovary	3L:-:6175974-6175945	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_69785	AVGYFLPTSHDQR	AGAP010548-PA	-	72	1.10E-06	1	1490.744	3.52	Ovary	3L:-:6175535-6175497	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_73335	MALDLYR	AGAP010548-PA	-	54	3.57E-05	2	881.457	2.09	Ovary	3L:-:6175848-6175828	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_74113	EDAGRYDLWGGDGSR	AGAP010548-PA	-	31	0.005889267	1	1653.726	0.43	Malpighian tubule	3L:-:6176067-6176023	exon=> In CDS Exon 1 of transcript AGAP010548-PA

JHU_Ag_74297	TYDSISPEGICLSIPELWELHK	AGAP010548-PA	C11(Carbamidomethyl)	93	6.60E-09	1	2587.286	4.16	Ovary	3L:-:6175196-6175131	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_78466	VENDCFCSGVTER	AGAP010548-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	65	1.27E-06	1	1572.645	2.08	Ovary	3L:-:6175893-6175855	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_84422	LIFSANVQVTR	AGAP010548-PA	-	64	2.33E-06	2	1247.713	1.69	Malpighian tubule	3L:-:6176007-6175975	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_91147	FIFMSTLSNIHSVYIR	AGAP010548-PA	M4(Oxidation)	82	9.15E-08	1	1944.006	0.51	Ovary	3L:-:6175403-6175356	exon=> In CDS Exon 2 of transcript AGAP010548-PA
JHU_Ag_94844	LIFSANVQVTR	AGAP010548-PA	-	76	1.40E-07	1	1247.715	3.55	Ovary	3L:-:6176007-6175975	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_99897	VQDEPPPFFER	AGAP010548-PA	-	77	2.27E-07	1	1360.655	0.98	Malpighian tubule	3L:-:6175935-6175903	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_99980	VHDYGHRPLCNPVWYFNGRPVSK	AGAP010548-PA	C10(Carbamidomethyl), N17(Deamidated),C10(Carbamidomethyl)	124	6.11E-12	1	2799.376	6.63	Ovary	3L:-:6176187-6176119	exon=> In CDS Exon 1 of transcript AGAP010548-PA
JHU_Ag_8659	ESTPVPTTEDDPSK	AGAP010551-PA	-	57	2.24E-05	2	1502.690	2.91	Head	3L:-:6260153-6260112	exon=> In CDS Exon 7 of transcript AGAP010551-PA
JHU_Ag_17135	LLNITR	AGAP010551-PA	N3(Deamidated)	44	0.000633 67	2	730.448	2.83	Larva	3L:-:6255091-6255074	exon=> In CDS Exon 16 of transcript AGAP010551-PA
JHU_Ag_20117	LLNITR	AGAP010551-PA	N3(Deamidated)	43	0.000730 151	2	730.447	1.07	Visceras	3L:-:6255091-6255074	exon=> In CDS Exon 16 of transcript AGAP010551-PA
JHU_Ag_25447	TGSSGTTPLAVSAK	AGAP010551-PA	-	45	0.000524 393	2	1276.676	1.23	Male reproductive organs	3L:-:6258002-6257961	exon=> In CDS Exon 9 of transcript AGAP010551-PA
JHU_Ag_31974	LLNITR	AGAP010551-PA	N3(Deamidated)	45	0.000437 384	2	730.448	3.5	Malpighian tubule	3L:-:6255091-6255074	exon=> In CDS Exon 16 of transcript AGAP010551-PA
JHU_Ag_51598	VISPPGTGAHDEVVIVSNELNK	AGAP010551-PA	-	45	0.000282 812	1	2275.196	1.34	Male reproductive organs	3L:-:6258932-6258867	exon=> In CDS Exon 8 of transcript AGAP010551-PA
JHU_Ag_56481	LLNITR	AGAP010551-PA	N3(Deamidated)	45	0.000313 581	2	730.446	-0.35	Pupa	3L:-:6255091-6255074	exon=> In CDS Exon 16 of transcript AGAP010551-PA
JHU_Ag_59406	FQEQEKK	AGAP010551-PA	-	39	0.002054 922	2	936.481	2.61	Head	3L:-:6256320-6256300	exon=> In CDS Exon 14 of transcript AGAP010551-PA
JHU_Ag_60640	LLNITR	AGAP010551-PA	N3(Deamidated)	45	0.000435 926	2	730.447	1.24	Head	3L:-:6255091-6255074	exon=> In CDS Exon 16 of transcript AGAP010551-PA
JHU_Ag_80490	RIFNNIR	AGAP010551-PA	-	36	0.001775 548	1	932.542	-0.23	Head	3L:-:6263339-6263319	exon=> In CDS Exon 1 of transcript AGAP010551-PA
JHU_Ag_92388	ISPDSSVGSLEGGGSVR	AGAP010551-PA	-	42	0.001004 188	1	1603.794	0.83	Male reproductive organs	3L:-:6258140-6258090	exon=> In CDS Exon 9 of transcript AGAP010551-PA
JHU_Ag_28940	GNYVGEDYFGNK	AGAP010552-PA	-	53	4.04E-05	2	1362.597	0.36	Visceras	3L:+:6294996-6295031	exon=> In CDS Exon 1 of transcript AGAP010552-PA
JHU_Ag_54330	IVLDNFLK	AGAP010552-PA	-	37	0.000706 023	2	961.574	2.37	Malpighian tubule	3L:+:6294948-6294971	exon=> In CDS Exon 1 of transcript AGAP010552-PA
JHU_Ag_11983	LNTEQIELVSR	AGAP010553-PA	-	84	5.34E-08	2	1301.711	4.01	Malpighian tubule	3L:-:6300258-6300226	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_12862	SALLGILGGALPR	AGAP010553-PA	-	52	3.79E-06	2	1237.767	3.04	Salivary gland	3L:-:6300297-6300259	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_13934	SALLGILGGALPR	AGAP010553-PA	-	85	1.82E-09	2	1237.765	2.15	Visceras	3L:-:6300297-6300259	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_16087	AESYDQALFDHGDLSG	AGAP010553-PA	-	48	7.97E-05	2	1724.743	1.57	Head	3L:-:6298276-6298229	exon=> In CDS Exon 5 of transcript AGAP010553-PA
JHU_Ag_17207	VGRPSNMPQAQQVIDEIQEEAK	AGAP010553-PA	M7(Oxidation)	129	1.86E-12	1	2483.215	-1.71	Midgut	3L:-:6299534-6299469	exon=> In CDS Exon 4 of transcript AGAP010553-PA
JHU_Ag_18965	QIGDVAFGPGTR	AGAP010553-PA	-	43	0.000887 148	2	1217.632	3.9	Malpighian tubule	3L:-:6300333-6300298	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_19913	SINMSWDPITQK	AGAP010553-PA	M4(Oxidation)	53	9.16E-05	2	1435.690	1.1	Midgut	3L:-:6299669-6299634	exon=> In CDS Exon 4 of transcript AGAP010553-PA

JHU_Ag_21788	LLEEGEPQTLQQQESMSIKGQSAR	AGAP010553-PA	M16(Oxidation)	44	0.000666071	1	2703.330	1.63	Malpighian tubule	3L:-:6298648-6298577	exon=> In CDS Exon 5 of transcript AGAP010553-PA
JHU_Ag_26111	AESYDQALFDHGDLSG	AGAP010553-PA	-	35	0.001791814	1	1724.743	1.99	Viscera	3L:-:6298276-6298229	exon=> In CDS Exon 5 of transcript AGAP010553-PA
JHU_Ag_29322	IYIASIHPDLTEEDIK	AGAP010553-PA	-	75	3.83E-07	1	1856.966	1.02	Midgut	3L:-:6299456-6299409	exon=> In CDS Exon 4 of transcript AGAP010553-PA
JHU_Ag_29914	SALLGILGGALPR	AGAP010553-PA	-	71	4.51E-08	2	1237.767	3.44	Head	3L:-:6300297-6300259	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_51915	IYIASIHPDLTEEDIK	AGAP010553-PA	-	58	1.82E-05	1	1856.964	-0.3	Malpighian tubule	3L:-:6299456-6299409	exon=> In CDS Exon 4 of transcript AGAP010553-PA
JHU_Ag_58800	AAFLPFGPIK	AGAP010553-PA	-	34	0.001941762	2	1060.624	4.97	Malpighian tubule	3L:-:6299699-6299670	exon=> In CDS Exon 4 of transcript AGAP010553-PA
JHU_Ag_61482	SALLGILGGALPR	AGAP010553-PA	-	82	3.82E-09	2	1237.768	4.32	Malpighian tubule	3L:-:6300297-6300259	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_63809	ILPYIAQPVYDIR	AGAP010553-PA	-	54	1.99E-05	2	1560.888	6.4	Malpighian tubule	3L:-:6300372-6300334	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_78525	LNTEQIELVSR	AGAP010553-PA	-	37	0.003356167	2	1301.707	0.91	Ovary	3L:-:6300258-6300226	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_84166	LNTEQIELVSR	AGAP010553-PA	-	83	7.60E-08	2	1301.707	1.01	Salivary gland	3L:-:6300258-6300226	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_95115	AESYDQALFDHGDLSG	AGAP010553-PA	-	33	0.003008822	2	1724.741	0.43	Ovary	3L:-:6298276-6298229	exon=> In CDS Exon 5 of transcript AGAP010553-PA
JHU_Ag_97157	IFVEFSQATEADR	AGAP010553-PA	-	58	2.51E-05	2	1512.737	2.33	Ovary	3L:-:6298363-6298325	exon=> In CDS Exon 5 of transcript AGAP010553-PA
JHU_Ag_101118	AESYDQALFDHGDLSG	AGAP010553-PA	-	55	1.80E-05	1	1724.749	5.03	Malpighian tubule	3L:-:6298276-6298229	exon=> In CDS Exon 5 of transcript AGAP010553-PA
JHU_Ag_105831	SALLGILGGALPR	AGAP010553-PA	-	86	1.50E-09	2	1237.768	4.23	Ovary	3L:-:6300297-6300259	exon=> In CDS Exon 3 of transcript AGAP010553-PA
JHU_Ag_10595	DRDYNQLYQHDQLYVEK	AGAP010556-PA	-	96	3.77E-09	1	2227.039	-0.99	Head	3L:-:6360877-6360827	exon=> In CDS Exon 6 of transcript AGAP010556-PA
JHU_Ag_23708	IDILVNAPAASK	AGAP010556-PA	N6(Deamidated)	39	0.000559363	1	1212.700	13.45	Pupa	3L:-:6360229-6360194	exon=> In CDS Exon 7 of transcript AGAP010556-PA
JHU_Ag_76580	LIDLVGDNVGGSNLR	AGAP010556-PA	N8(Deamidated)	74	4.87E-07	2	1542.815	1.43	Male reproductive organs	3L:-:6359977-6359933	exon=> In CDS Exon 7 of transcript AGAP010556-PA
JHU_Ag_10785	KVAELEQELAK	AGAP010557-PA	-	56	2.79E-05	1	1257.707	1.97	Male reproductive organs	3L:-:6370077-6370045	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_17034	FLAMLSR	AGAP010557-PA	M4(Oxidation)	46	0.000223099	2	853.460	-0.52	Male reproductive organs	3L:-:6370657-6370637	exon=> In CDS Exon 1 of transcript AGAP010557-PA
JHU_Ag_24487	VAELEQELAK	AGAP010557-PA	-	59	1.97E-05	1	1129.611	0.79	Male reproductive organs	3L:-:6370074-6370045	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_29618	YSSNDHTHTETHLNVEMQHSMR	AGAP010557-PA	M17(Oxidation), M21(Oxidation)	77	8.69E-08	1	2686.145	3.02	Larva	3L:-:6370558-6370774,6370173-6370407	exon=> In CDS Exon 2 and 1 of transcript AGAP010557-PA
JHU_Ag_29653	FLAMLSR	AGAP010557-PA	M4(Oxidation)	35	0.002367328	2	853.463	3.56	Larva	3L:-:6370657-6370637	exon=> In CDS Exon 1 of transcript AGAP010557-PA
JHU_Ag_33219	VAELEQELAK	AGAP010557-PA	-	43	0.000743499	1	1129.610	-0.11	Head	3L:-:6370074-6370045	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_33457	DKPAGDAPNTDELK	AGAP010557-PA	-	74	5.66E-07	1	1470.707	0.19	Malpighian tubule	3L:-:6370199-6370459,6369916-6370081	exon=> In CDS Exon 3 and 2 of transcript AGAP010557-PA
JHU_Ag_35471	DKPAGDAPNTDELKK	AGAP010557-PA	-	88	2.19E-08	1	1598.802	-0.06	Malpighian tubule	3L:-:6370199-6370459,6369916-6370078	exon=> In CDS Exon 3 and 2 of transcript AGAP010557-PA
JHU_Ag_51647	DKPAGDAPNTDELK	AGAP010557-PA	-	72	8.19E-07	2	1470.708	0.28	Male reproductive organs	3L:-:6370199-6370459,6369916-6370081	exon=> In CDS Exon 3 and 2 of transcript AGAP010557-PA

JHU_Ag_61187	KVAELEQELAK	AGAP010557-PA	-	57	2.51E-05	2	1257.700	-3.75	Head	3L:-:6370077-6370045	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_65829	DKPAGDAPNTDELK	AGAP010557-PA	-	87	2.71E-08	2	1470.712	3.1	Head	3L:-:6370199-6370459,6369916-6370081	exon=> In CDS Exon 3 and 2 of transcript AGAP010557-PA
JHU_Ag_78733	EYDRLTEEYSK	AGAP010557-PA	-	58	1.53E-05	1	1432.660	0.85	Male reproductive organs	3L:-:6369993-6369961	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_81659	ITVSSADKSD	AGAP010557-PA	-	61	1.20E-05	1	1022.500	0.14	Malpighian tubule	3L:-:6369948-6369919	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_87712	DKPAGDAPNTDELKK	AGAP010557-PA	-	65	5.02E-06	1	1598.803	0.71	Head	3L:-:6370199-6370459,6369916-6370078	exon=> In CDS Exon 3 and 2 of transcript AGAP010557-PA
JHU_Ag_93348	SPQQWHR	AGAP010557-PA	-	39	0.001748278	2	938.458	-1.49	Midgut	3L:-:6370693-6370673	exon=> In CDS Exon 1 of transcript AGAP010557-PA
JHU_Ag_95870	DKPAGDAPNTDELKK	AGAP010557-PA	-	57	3.29E-05	1	1598.802	-0.28	Male reproductive organs	3L:-:6370199-6370459,6369916-6370078	exon=> In CDS Exon 3 and 2 of transcript AGAP010557-PA
JHU_Ag_99163	VAELEQELAK	AGAP010557-PA	-	71	1.29E-06	1	1129.610	0.04	Salivary gland	3L:-:6370074-6370045	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_105585	QAQSATSAAR	AGAP010557-PA	-	74	8.36E-07	2	990.496	-0.69	Male reproductive organs	3L:-:6370277-6370248	exon=> In CDS Exon 2 of transcript AGAP010557-PA
JHU_Ag_105908	FLAMLSR	AGAP010557-PA	-	39	0.000611496	1	837.466	0.56	Head	3L:-:6370657-6370637	exon=> In CDS Exon 1 of transcript AGAP010557-PA
JHU_Ag_111999	VAELEQELAK	AGAP010557-PA	-	73	8.43E-07	2	1129.612	1.33	Malpighian tubule	3L:-:6370074-6370045	exon=> In CDS Exon 3 of transcript AGAP010557-PA
JHU_Ag_10402	SSGSDIAAPPGYNPSADVISSK	AGAP010558-PA	-	73	8.38E-07	1	2120.018	1.68	Head	3L:-:6372845-6372780	exon=> In CDS Exon 2 of transcript AGAP010558-PA
JHU_Ag_19766	RLEYSGGGISLL	AGAP010558-PA	-	65	2.69E-06	2	1264.692	2.02	Head	3L:-:6372428-6372393	exon=> In CDS Exon 2 of transcript AGAP010558-PA
JHU_Ag_48456	SSGSDIAAPPGYNPSADVISSK	AGAP010558-PA	-	67	3.46E-06	1	2120.019	2.37	Malpighian tubule	3L:-:6372845-6372780	exon=> In CDS Exon 2 of transcript AGAP010558-PA
JHU_Ag_59377	SSGSDIAAPPGYNPSADVISSK	AGAP010558-PA	-	66	3.77E-06	1	2120.013	-0.74	Midgut	3L:-:6372845-6372780	exon=> In CDS Exon 2 of transcript AGAP010558-PA
JHU_Ag_83518	VVNQTDQSHLILK	AGAP010558-PA	-	87	1.01E-08	1	1494.831	2.15	Head	3L:-:6372779-6372741	exon=> In CDS Exon 2 of transcript AGAP010558-PA
JHU_Ag_98375	VVNQTDQSHLILK	AGAP010558-PA	-	43	0.00028933	1	1494.825	-1.36	Midgut	3L:-:6372779-6372741	exon=> In CDS Exon 2 of transcript AGAP010558-PA
JHU_Ag_101037	SWEIALGPIK	AGAP010558-PA	-	58	1.62E-05	1	1113.627	-3.25	Midgut	3L:-:6372737-6372708	exon=> In CDS Exon 2 of transcript AGAP010558-PA
JHU_Ag_32057	FWSALTR	AGAP010560-PA	-	46	0.000316072	2	880.471	3.99	Male reproductive organs	3L:+:6389722-6389742	exon=> In CDS Exon 1 of transcript AGAP010560-PA
JHU_Ag_37889	GMSGYIDSLVDNK	AGAP010560-PA	M2(Oxidation)	107	2.38E-10	1	1414.652	-0.02	Midgut	3L:+:6390179-6390217	exon=> In CDS Exon 2 of transcript AGAP010560-PA
JHU_Ag_76306	FWSALTR	AGAP010560-PA	-	40	0.001203678	2	880.468	0.32	Midgut	3L:+:6389722-6389742	exon=> In CDS Exon 1 of transcript AGAP010560-PA
JHU_Ag_61610	VLYAMSSDGIIYK	AGAP010561-PA	-	70	1.56E-06	1	1459.748	-1.35	Midgut	3L:+:6390830-6390868	exon=> In CDS Exon 1 of transcript AGAP010561-PA
JHU_Ag_780	TSESTTSSITADNTLQK	AGAP010564-PA	-	45	0.000498092	2	1783.861	2.94	Visceras	3L:-:6420572-6420522	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_1409	DHLSTFSDYYASLGPPNPDNVPEDGK	AGAP010564-PA	-	101	7.75E-10	1	2835.279	1.72	Ovary	3L:-:6421055-6420978	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_4155	DHLSTFSDYYASLGPPNPDNVPEDGK	AGAP010564-PA	-	48	0.000137722	1	2835.275	0.3	Midgut	3L:-:6421055-6420978	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_7899	RFYLDVK	AGAP010564-PA	-	36	0.001334836	1	940.520	-5.61	Head	3L:-:6421175-6421155	exon=> In CDS Exon 1 of transcript AGAP010564-PA

JHU_Ag_8001	YYLDLK	AGAP010564-PA	-	34	0.003102319	2	814.434	-0.21	Head	3L:-:6420941-6420924	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_8938	TSESTTSSITADNTLQK	AGAP010564-PA	-	126	3.84E-12	2	1783.858	1.43	Head	3L:-:6420572-6420522	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_14408	NFYFDIGQNSR	AGAP010564-PA	-	39	0.001453395	1	1360.627	-1.15	Ovary	3L:-:6420725-6420693	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_17328	TAITVPEK	AGAP010564-PA	-	41	0.001592747	2	858.492	-1.14	Head	3L:-:6420650-6420627	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_21586	MDGGGVLGGGGSGDFDSGQQSQQTEQELATK	AGAP010564-PA	M1(Oxidation)	214	2.83E-21	1	3057.338	1.2	Ovary	3L:-:6421289-6421197	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_22479	DALTDLLEEFGTNDGGYK	AGAP010564-PA	-	156	2.77E-15	1	1957.902	-0.56	Ovary	3L:-:6420821-6420768	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_30908	VAEIGADGR	AGAP010564-PA	-	55	3.65E-05	2	887.459	0.55	Ovary	3L:-:6421127-6421101	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_33697	FRDILTDYCDK	AGAP010564-PA	C9(Carbamidomethyl)	62	8.41E-06	2	1445.675	1.28	Visceras	3L:-:6420614-6420582	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_34441	DHLSTFSDYYASLGPPNPDNVPEDGK	AGAP010564-PA	-	70	9.39E-07	1	2835.273	-0.47	Head	3L:-:6421055-6420978	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_35319	SQIAIPAQGMIEFR	AGAP010564-PA	-	72	9.03E-07	1	1560.823	1.56	Head	3L:-:6420863-6420822	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_42304	VDNKNFYFDIGQNSR	AGAP010564-PA	-	66	3.05E-06	1	1816.856	-2.74	Male reproductive organs	3L:-:6420737-6420693	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_44407	NFYFDIGQNSR	AGAP010564-PA	-	73	5.30E-07	1	1360.628	0.28	Head	3L:-:6420725-6420693	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_49545	DALTDLLEEFGTNDGGYKGELPEGR	AGAP010564-PA	-	114	6.39E-11	1	2696.272	1.35	Ovary	3L:-:6420821-6420747	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_54795	FRDILTDYCDK	AGAP010564-PA	C9(Carbamidomethyl)	68	1.76E-06	1	1445.675	1.49	Malpighian tubule	3L:-:6420614-6420582	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_56992	MDGGGVLGGGGSGDFDSGQQSQQTEQELATK	AGAP010564-PA	M1(Oxidation)	73	3.31E-07	3	3057.340	1.98	Head	3L:-:6421289-6421197	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_57784	FRDILTDYCDK	AGAP010564-PA	C9(Carbamidomethyl)	71	9.28E-07	2	1445.678	3.4	Midgut	3L:-:6420614-6420582	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_60477	FRDILTDYCDK	AGAP010564-PA	C9(Carbamidomethyl)	67	2.76E-06	2	1445.679	4.16	Ovary	3L:-:6420614-6420582	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_63062	NFYFDIGQNSR	AGAP010564-PA	-	38	0.00157525	2	1360.631	2.26	Visceras	3L:-:6420725-6420693	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_69789	MLQIQSK	AGAP010564-PA	M1(Oxidation)	35	0.004063302	1	863.466	0.01	Ovary	3L:-:6421196-6421176	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_71449	FRDILTDYCDK	AGAP010564-PA	C9(Carbamidomethyl)	50	0.000136983	2	1445.679	3.82	Salivary gland	3L:-:6420614-6420582	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_77927	FRDILTDYCDK	AGAP010564-PA	C9(Carbamidomethyl)	44	0.00042887	1	1445.672	-0.48	Male reproductive organs	3L:-:6420614-6420582	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_84619	DHLSTFSDYYASLGPPNPDNVPEDGKLK	AGAP010564-PA	-	47	0.000252186	1	3076.460	2.23	Ovary	3L:-:6421055-6420972	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_85234	VAEIGADGRR	AGAP010564-PA	-	31	0.008333079	1	1043.552	-6.6	Head	3L:-:6421127-6421098	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_86746	VDNKNFYFDIGQNSR	AGAP010564-PA	-	108	2.15E-10	1	1816.867	2.84	Malpighian tubule	3L:-:6420737-6420693	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_87185	TSESTTSSITADNTLQK	AGAP010564-PA	-	99	2.19E-09	2	1783.856	0.06	Male reproductive organs	3L:-:6420572-6420522	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_93269	YYLDLKENVR	AGAP010564-PA	-	47	0.00025176	1	1312.691	1.4	Malpighian tubule	3L:-:6420941-6420912	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_93595	TSESTTSSITADNTLQK	AGAP010564-PA	-	97	2.95E-09	2	1783.859	1.84	Salivary gland	3L:-:6420572-6420522	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_94475	TSESTTSSITADNTLQK	AGAP010564-PA	-	133	8.21E-13	2	1783.856	-0.08	Ovary	3L:-:6420572-6420522	exon=> In CDS Exon 1 of transcript AGAP010564-PA

JHU_Ag_98008	TAITVPEK	AGAP010564-PA	-	48	0.000281934	1	858.493	-0.71	Ovary	3L:-:6420650-6420627	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_98744	DALTDLLEEFGTNDGGYKGELPEGR	AGAP010564-PA	-	103	7.43E-10	3	2696.264	-1.59	Midgut	3L:-:6420821-6420747	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_104940	SQIAIPAQGMIEFR	AGAP010564-PA	-	53	7.37E-05	2	1560.818	-1.33	Midgut	3L:-:6420863-6420822	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_106427	MDGGGVLGGGGSGDFDSGQQSQQTEQELATK	AGAP010564-PA	-	39	0.001093442	1	3041.341	0.64	Malpighian tubule	3L:-:6421289-6421197	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_109157	TSESTTSSITADNTLQK	AGAP010564-PA	-	120	1.74E-11	2	1783.860	2.66	Malpighian tubule	3L:-:6420572-6420522	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_113680	FRDILTDYCDK	AGAP010564-PA	C9(Carbamidomethyl)	64	4.35E-06	1	1445.670	-2.06	Head	3L:-:6420614-6420582	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_114254	SQIAIPAQGMIEFR	AGAP010564-PA	M10(Oxidation)	86	3.62E-08	1	1576.816	0.67	Ovary	3L:-:6420863-6420822	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_116828	TAITVPEKCWSR	AGAP010564-PA	C9(Carbamidomethyl)	37	0.003198866	1	1447.737	0.41	Malpighian tubule	3L:-:6420650-6420615	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_117283	SQIAIPAQGMIEFR	AGAP010564-PA	M10(Oxidation)	49	0.000204368	2	1576.817	0.98	Male reproductive organs	3L:-:6420863-6420822	exon=> In CDS Exon 1 of transcript AGAP010564-PA
JHU_Ag_2144	AGEFFITSILR	AGAP010568-PA	-	56	2.27E-05	1	1253.690	0.66	Malpighian tubule	3L:-:6437321-6437289	exon=> In CDS Exon 5 of transcript AGAP010568-PA
JHU_Ag_107051	AGEFFITSILR	AGAP010568-PA	-	64	3.26E-06	1	1253.692	2.81	Ovary	3L:-:6437321-6437289	exon=> In CDS Exon 5 of transcript AGAP010568-PA
JHU_Ag_115961	AGEFFITSILR	AGAP010568-PA	-	50	7.75E-05	2	1253.694	3.68	Salivary gland	3L:-:6437321-6437289	exon=> In CDS Exon 5 of transcript AGAP010568-PA
JHU_Ag_57901	SSLLEYLGAYK	AGAP010578-PA	-	88	2.61E-08	1	1243.657	-0.1	Midgut	3L:+:6471286-6471318	exon=> In CDS Exon 1 of transcript AGAP010578-PA
JHU_Ag_58539	LPAVPEGSDPTYGESR	AGAP010578-PA	-	65	5.04E-06	2	1674.802	2.78	Malpighian tubule	3L:+:6471226-6471273	exon=> In CDS Exon 1 of transcript AGAP010578-PA
JHU_Ag_77236	VVVSTANLYENDWYNR	AGAP010578-PA	-	110	1.38E-10	1	1942.927	-1.16	Midgut	3L:+:6471151-6471198	exon=> In CDS Exon 1 of transcript AGAP010578-PA
JHU_Ag_93355	LPAVPEGSDPTYGESR	AGAP010578-PA	-	56	3.22E-05	2	1674.796	-0.87	Midgut	3L:+:6471226-6471273	exon=> In CDS Exon 1 of transcript AGAP010578-PA
JHU_Ag_99166	ASAGLLSPIDPLPVR	AGAP010580-PA	-	42	0.00015638	2	1505.877	5.68	Malpighian tubule	3L:+:6475303-6475347	exon=> In CDS Exon 3 of transcript AGAP010580-PA
JHU_Ag_20169	LVKMLPEIR	AGAP010581-PA	M4(Oxidation)	40	0.000721585	1	1114.654	-10.2	Malpighian tubule	3L:+:6494611-6494637	exon=> In CDS Exon 3 of transcript AGAP010581-PA
JHU_Ag_82052	FQAVEINDCQFPTR	AGAP010581-PA	C9(Carbamidomethyl)	73	6.68E-07	2	1724.809	1.58	Salivary gland	3L:+:6494210-6494251	exon=> In CDS Exon 2 of transcript AGAP010581-PA
JHU_Ag_42200	TVMIAQLSK	AGAP010582-PA	Q6(Deamidated)	42	0.000711524	1	991.558	8.93	Malpighian tubule	3L:+:6497893-6497919	exon=> In CDS Exon 7 of transcript AGAP010582-PA
JHU_Ag_43803	RYYIDSYK	AGAP010582-PA	-	36	0.003648306	1	1107.547	0.2	Head	3L:+:6499570-6499593	exon=> In CDS Exon 10 of transcript AGAP010582-PA
JHU_Ag_52704	AVNTIANIFDCFSADR	AGAP010582-PA	C11(Carbamidomethyl)	80	1.42E-07	2	1813.859	2.74	Salivary gland	3L:+:6495260-6495307	exon=> In CDS Exon 1 of transcript AGAP010582-PA
JHU_Ag_75071	ESFQSLINLAK	AGAP010582-PA	-	59	1.18E-05	2	1249.682	2.46	Salivary gland	3L:+:6495131-6495163	exon=> In CDS Exon 1 of transcript AGAP010582-PA
JHU_Ag_91335	DGELLTVDTPDR	AGAP010582-PA	-	51	9.00E-05	2	1330.654	4.06	Salivary gland	3L:+:6500505-6500540	exon=> In CDS Exon 11 of transcript AGAP010582-PA
JHU_Ag_92120	TVMIAQLSK	AGAP010582-PA	Q6(Deamidated)	41	0.00078017	1	991.560	10.29	Ovary	3L:+:6497893-6497919	exon=> In CDS Exon 7 of transcript AGAP010582-PA
JHU_Ag_41	AAEELLESLK	AGAP010586-PA	-	62	1.21E-05	2	1102.600	0.4	Ovary	3L:-:6548444-6548415	exon=> In CDS Exon 1 of transcript AGAP010586-PA
JHU_Ag_993	IFETVAPDLK	AGAP010586-PA	-	40	0.001066036	2	1132.628	2.81	Male reproductive organs	3L:-:6547593-6547564	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_2624	IAMLQTENETLR	AGAP010586-PA	M3(Oxidation)	98	2.36E-09	1	1434.725	-0.44	Ovary	3L:-:6548286-6548251	exon=> In CDS Exon 2 of transcript AGAP010586-PA

JHU_Ag_5449	IDCGEPNGPR	AGAP010586-PA	C3(Carbamidomethyl)	39	0.000857675	2	1114.496	1.12	Malpighian tubule	3L:-:6547869-6547840	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_6298	AAEELLESLKQELK	AGAP010586-PA	-	113	4.53E-11	1	1600.879	-0.45	Ovary	3L:-:6548444-6548552,6547462-6548317	exon=> In CDS Exon 2 and 1 of transcript AGAP010586-PA
JHU_Ag_8804	AAEELLESLK	AGAP010586-PA	-	77	2.92E-07	1	1102.602	2.51	Malpighian tubule	3L:-:6548444-6548415	exon=> In CDS Exon 1 of transcript AGAP010586-PA
JHU_Ag_13720	AAEELLESLK	AGAP010586-PA	-	58	2.64E-05	2	1102.597	-1.48	Male reproductive organs	3L:-:6548444-6548415	exon=> In CDS Exon 1 of transcript AGAP010586-PA
JHU_Ag_14640	GILSEAMVMCASTPDRVEILAPPADAVPGDLVHVEGYPR	AGAP010586-PA	M7(Oxidation), M9(Oxidation), C10(Carbamidomethyl)	59	1.03E-05	1	4165.037	-0.9	Ovary	3L:-:6547743-6547627	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_18458	QLVSLEVAHGK	AGAP010586-PA	-	66	1.00E-06	1	1180.668	-0.53	Ovary	3L:-:6548226-6548194	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_20320	IFETVAPDLK	AGAP010586-PA	-	60	1.22E-05	1	1132.624	-0.96	Ovary	3L:-:6547593-6547564	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_21100	HPDADSLYVEK	AGAP010586-PA	-	55	3.58E-05	1	1273.604	-1.2	Malpighian tubule	3L:-:6547902-6547870	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_31965	IDCGEPNGPR	AGAP010586-PA	C3(Carbamidomethyl)	55	1.88E-05	2	1114.495	0.58	Ovary	3L:-:6547869-6547840	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_35215	MEPVAQPPAAK	AGAP010586-PA	M1(Oxidation)	41	0.000865733	2	1154.589	1.02	Ovary	3L:-:6548130-6548098	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_37006	VEILAPPADAVPGDLVHVEGYPR	AGAP010586-PA	-	39	0.000978259	1	2414.280	3.5	Head	3L:-:6547695-6547627	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_42311	VPDSVMNPK	AGAP010586-PA	M6(Oxidation)	53	6.43E-05	1	1002.493	0.57	Ovary	3L:-:6547626-6547600	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_49768	YVPIEEMQNR	AGAP010586-PA	M7(Oxidation)	67	2.96E-06	1	1294.611	0.66	Malpighian tubule	3L:-:6547815-6547786	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_51817	AAEELLESLKQELK	AGAP010586-PA	-	49	0.000114769	3	1600.880	0.72	Salivary gland	3L:-:6548444-6548552,6547462-6548317	exon=> In CDS Exon 2 and 1 of transcript AGAP010586-PA
JHU_Ag_56031	IFETVAPDLK	AGAP010586-PA	-	61	9.40E-06	2	1132.626	1.2	Salivary gland	3L:-:6547593-6547564	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_56657	VQIPVPTPDEVR	AGAP010586-PA	-	46	0.000170602	1	1349.742	-0.67	Malpighian tubule	3L:-:6548193-6548158	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_65006	MVVALCNLKPAK	AGAP010586-PA	M1(Oxidation), C6(Carbamidomethyl)	35	0.003368729	2	1359.752	2.56	Malpighian tubule	3L:-:6547785-6547750	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_72244	EKPAGGEGKPAAPAVEEPPIDVGR	AGAP010586-PA	-	48	0.000147511	1	2371.231	2.21	Ovary	3L:-:6548013-6547942	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_78188	QLVSLEVAHGK	AGAP010586-PA	-	56	9.80E-06	1	1180.671	2.19	Malpighian tubule	3L:-:6548226-6548194	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_78995	VQIPVPTPDEVR	AGAP010586-PA	-	45	0.000204097	2	1349.744	1.14	Male reproductive organs	3L:-:6548193-6548158	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_79368	TVISGLVK	AGAP010586-PA	-	32	0.002103214	1	816.520	0.97	Malpighian tubule	3L:-:6547839-6547816	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_79825	MVVALCNLKPAK	AGAP010586-PA	M1(Oxidation), C6(Carbamidomethyl)	60	9.54E-06	1	1359.751	1.75	Ovary	3L:-:6547785-6547750	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_80070	AAEELLESLKQELK	AGAP010586-PA	-	64	3.95E-06	1	1600.880	0.23	Male reproductive organs	3L:-:6548444-6548552,6547462-6548317	exon=> In CDS Exon 2 and 1 of transcript AGAP010586-PA
JHU_Ag_88822	TNGELVACYK	AGAP010586-PA	C8(Carbamidomethyl)	57	2.57E-05	1	1154.551	0.21	Ovary	3L:-:6547563-6547534	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_90355	AAEELLESLKQELK	AGAP010586-PA	-	78	1.55E-07	1	1600.883	2.09	Malpighian tubule	3L:-:6548444-6548552,6547462-6548317	exon=> In CDS Exon 2 and 1 of transcript AGAP010586-PA

JHU_Ag_94513	VQIPVPTPDEVR	AGAP010586-PA	-	45	0.000211027	1	1349.741	-1.4	Ovary	3L:-:6548193-6548158	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_97255	HPDADSLYVEK	AGAP010586-PA	-	77	2.52E-07	1	1273.605	-0.82	Ovary	3L:-:6547902-6547870	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_103227	YVPIEEMQNR	AGAP010586-PA	M7(Oxidation)	66	3.55E-06	1	1294.610	0	Ovary	3L:-:6547815-6547786	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_112697	YVPIEEMQNR	AGAP010586-PA	M7(Oxidation)	51	0.00013027	1	1294.617	5.28	Male reproductive organs	3L:-:6547815-6547786	exon=> In CDS Exon 2 of transcript AGAP010586-PA
JHU_Ag_31303	LESYLEEHPPIEENYSK	AGAP010587-PA	-	62	1.05E-05	1	2076.982	2.65	Head	3L:+:6549333-6549383	exon=> In CDS Exon 2 of transcript AGAP010587-PA
JHU_Ag_72216	HAVCALK	AGAP010587-PA	C4(Carbamidomethyl)	25	0.008980486	1	798.434	6.31	Head	3L:+:6550737-6550757	exon=> In CDS Exon 3 of transcript AGAP010587-PA
JHU_Ag_72876	ALGEAHLTLGEPR	AGAP010587-PA	-	55	4.10E-05	2	1363.733	0.12	Head	3L:+:6551931-6551969	exon=> In CDS Exon 5 of transcript AGAP010587-PA
JHU_Ag_88229	GVSGTIYTLPTSNTPTR	AGAP010587-PA	-	52	8.80E-05	1	1764.923	5.91	Malpighian tubule	3L:+:6550338-6550388	exon=> In CDS Exon 3 of transcript AGAP010587-PA
JHU_Ag_99720	GVSGTIYTLPTSNTPTR	AGAP010587-PA	-	54	6.29E-05	2	1764.914	0.86	Salivary gland	3L:+:6550338-6550388	exon=> In CDS Exon 3 of transcript AGAP010587-PA
JHU_Ag_680	AVGGTVLPR	AGAP010588-PA	-	47	8.33E-05	2	869.521	0.41	Salivary gland	3L:-:6554062-6554036	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_1239	IALYSCPVDIIQTETK	AGAP010588-PA	C6(Carbamidomethyl)	122	6.34E-12	1	1850.971	7.75	Head	3L:-:6554326-6554279	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_2273	SADELKTFSQGEENLLEAQIK	AGAP010588-PA	-	142	8.78E-14	1	2350.186	3.57	Ovary	3L:-:6554260-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_4078	FVEGEVTSATK	AGAP010588-PA	-	81	1.09E-07	2	1167.590	0.23	Malpighian tubule	3L:-:6554365-6554333	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_6764	YAVGAACTILK	AGAP010588-PA	C7(Carbamidomethyl)	45	0.00025828	2	1166.625	0.6	Ovary	3L:-:6553513-6553481	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_10332	APGFASMLK	AGAP010588-PA	M7(Oxidation)	42	0.000741571	1	937.481	0.28	Malpighian tubule	3L:-:6555169-6555143	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_10516	ALHVPK	AGAP010588-PA	N-Term(Acetyl)	32	0.001678116	2	706.424	-0.69	Head	3L:-:6555187-6555170	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_11071	AYSGLEEAVYR	AGAP010588-PA	-	75	4.23E-07	1	1257.614	2.02	Salivary gland	3L:-:6554980-6554948	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_12289	APGFASMLK	AGAP010588-PA	M7(Oxidation)	43	0.000596167	1	937.482	1.07	Ovary	3L:-:6555169-6555143	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_12433	FVEGEVTSATK	AGAP010588-PA	-	63	8.15E-06	2	1167.592	2.12	Male reproductive organs	3L:-:6554365-6554333	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_13114	TFSQGEENLLEAQIK	AGAP010588-PA	N8(Deamidated)	87	2.95E-08	1	1706.860	0.38	Male reproductive organs	3L:-:6554242-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_15325	VIDDGVNTFK	AGAP010588-PA	-	71	1.11E-06	1	1107.569	0.37	Pupa	3L:-:6553870-6553841	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_15785	TFSQGEENLLEAQIK	AGAP010588-PA	-	97	2.95E-09	2	1706.867	4.6	Salivary gland	3L:-:6554242-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_18758	AIVDTGATVIVAGAK	AGAP010588-PA	-	119	8.31E-12	2	1385.801	0.99	Ovary	3L:-:6554197-6554153	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_19695	TTFNVDNIR	AGAP010588-PA	-	58	2.42E-05	2	1079.548	0.32	Ovary	3L:-:6554458-6554432	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_19706	QLGNEDFLADLIAK	AGAP010588-PA	-	69	1.88E-06	2	1546.819	5.03	Salivary gland	3L:-:6554527-6554486	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_19918	AIVDTGATVIVAGAK	AGAP010588-PA	-	88	9.71E-09	1	1385.802	1.17	Male reproductive organs	3L:-:6554197-6554153	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_20719	QFVTSDAGTIMR	AGAP010588-PA	M11(Oxidation)	49	0.000143841	2	1341.649	1.35	Ovary	3L:-:6554854-6554819	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_21312	KTEGFDIESEQPATIDVTTK	AGAP010588-PA	-	160	1.58E-15	1	2209.089	0.91	Ovary	3L:-:6553615-6553556	exon=> In CDS Exon 2 of transcript AGAP010588-PA

JHU_Ag_21678	TLDILPTLSCHEIKDYR	AGAP010588-PA	C10(Carbamidomethyl)	73	6.34E-07	1	2074.068	1.97	Ovary	3L:-:6554626-6554576	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_22246	YAVGAACTILKVDEIIMAK	AGAP010588-PA	C7(Carbamidomethyl), M17(Oxidation),C7(Carbamidomethyl)	51	6.17E-05	1	2082.102	1.98	Ovary	3L:-:6553513-6553457	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_23559	VIDDGVNTFK	AGAP010588-PA	-	65	5.45E-06	2	1107.569	0.59	Salivary gland	3L:-:6553870-6553841	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_23718	IALYSCPVDIIQTETK	AGAP010588-PA	C6(Carbamidomethyl)	75	3.56E-07	1	1850.959	1.35	Visceras	3L:-:6554326-6554279	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_24400	AYSGLEEAVYR	AGAP010588-PA	-	76	3.26E-07	1	1257.612	0.37	Ovary	3L:-:6554980-6554948	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_25437	ALEYFPK	AGAP010588-PA	-	42	0.000483965	1	867.462	0.77	Malpighian tubule	3L:-:6553711-6553691	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_25626	AIVDTGATVIVAGAK	AGAP010588-PA	-	116	1.56E-11	2	1385.801	0.99	Pupa	3L:-:6554197-6554153	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_26352	ALAENSGVNATEVVHQLYLAHK	AGAP010588-PA	-	140	8.74E-14	1	2364.228	-1.18	Male reproductive organs	3L:-:6553690-6553625	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_28217	TTFNVDNIR	AGAP010588-PA	-	44	0.000645548	2	1079.547	-1.04	Male reproductive organs	3L:-:6554458-6554432	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_28659	AYSGLEEAVYR	AGAP010588-PA	-	71	9.78E-07	2	1257.612	0.86	Head	3L:-:6554980-6554948	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_29793	AIVDTGATVIVAGAK	AGAP010588-PA	-	108	9.73E-11	2	1385.804	3.11	Head	3L:-:6554197-6554153	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_29866	TFSQGEENLLEAQIK	AGAP010588-PA	-	130	1.59E-12	1	1706.864	2.38	Ovary	3L:-:6554242-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_30278	IALYSCPVDIIQTETKGTVLIK	AGAP010588-PA	C6(Carbamidomethyl)	44	9.06E-05	1	2462.359	0.4	Ovary	3L:-:6554326-6554261	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_30886	ALAENSGVNATEVVHQLYLAHK	AGAP010588-PA	-	127	1.68E-12	1	2364.235	1.71	Head	3L:-:6553690-6553625	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_30969	LGVTSSDITEGYEK	AGAP010588-PA	-	73	6.39E-07	2	1498.722	-3.49	Midgut	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_33015	TTFNVDNIR	AGAP010588-PA	-	54	5.85E-05	2	1079.549	1.23	Salivary gland	3L:-:6554458-6554432	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_33359	LGVTSSDITEGYEK	AGAP010588-PA	-	110	1.27E-10	1	1498.729	1.4	Malpighian tubule	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_33571	TLDILPTLSCHEIK	AGAP010588-PA	C10(Carbamidomethyl)	67	1.55E-06	1	1639.879	4.12	Ovary	3L:-:6554626-6554585	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_34209	IATVVIR	AGAP010588-PA	-	33	0.002378351	2	771.510	1.47	Head	3L:-:6553927-6553907	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_35004	QLGNEDFLADLIAK	AGAP010588-PA	-	104	5.31E-10	1	1546.816	2.98	Ovary	3L:-:6554527-6554486	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_35036	VIDDGVNTFK	AGAP010588-PA	-	73	7.68E-07	1	1107.570	1.58	Ovary	3L:-:6553870-6553841	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_37670	YAVGAACTILK	AGAP010588-PA	C7(Carbamidomethyl)	43	0.000431608	1	1166.624	0.39	Salivary gland	3L:-:6553513-6553481	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_37781	KTEGFDIESEQPATIDVTTK	AGAP010588-PA	-	138	2.55E-13	1	2209.092	2.01	Malpighian tubule	3L:-:6553615-6553556	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_38668	AVGGTVLPR	AGAP010588-PA	-	47	7.32E-05	2	869.520	-0.5	Male reproductive organs	3L:-:6554062-6554036	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_40151	ALAENSGVNATEVVHQLYLAHK	AGAP010588-PA	-	121	8.31E-12	1	2364.230	-0.15	Pupa	3L:-:6553690-6553625	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_40567	LGVTSSDITEGYEK	AGAP010588-PA	-	72	7.36E-07	1	1498.732	3.52	Larva	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_42911	ALHVPK	AGAP010588-PA	N-Term(Acetyl)	37	0.000727888	2	706.425	0.87	Pupa	3L:-:6555187-6555170	exon=> In CDS Exon 1 of transcript AGAP010588-PA

JHU_Ag_42928	ALAENSGVNATEVVHQLYLAHK	AGAP010588-PA	-	87	1.90E-08	1	2364.233	0.88	Malpighian tubule	3L:-:6553690-6553625	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_43982	TTFNVDNIR	AGAP010588-PA	-	38	0.002209848	2	1079.554	5.18	Larva	3L:-:6554458-6554432	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_47203	FLPGAGAVEIELAQQLAEYADTLPGLEQYAVR	AGAP010588-PA	-	91	5.40E-09	1	3432.775	1.77	Ovary	3L:-:6553819-6553724	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_49374	ILGSGLQMSEVIPGMVFKR	AGAP010588-PA	M8(Oxidation), M15(Oxidation)	44	0.000274367	1	2094.116	3.68	Ovary	3L:-:6554422-6554366	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_49613	AYSGLEEAVYR	AGAP010588-PA	-	83	5.58E-08	1	1257.610	-0.5	Male reproductive organs	3L:-:6554980-6554948	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_50018	LGVTSSDITEGYEK	AGAP010588-PA	-	92	6.87E-09	1	1498.725	-1.78	Salivary gland	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_50037	TLDILPTLSCHEIK	AGAP010588-PA	C10(Carbamidomethyl)	86	2.41E-08	1	1639.876	1.97	Malpighian tubule	3L:-:6554626-6554585	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_50545	AYSGLEEAVYR	AGAP010588-PA	-	52	7.31E-05	2	1257.607	-3.32	Midgut	3L:-:6554980-6554948	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_50580	ILGSGLQMSEVIPGMVFKR	AGAP010588-PA	M8(Oxidation), M15(Oxidation)	74	1.81E-07	1	2062.125	2.95	Malpighian tubule	3L:-:6554422-6554366	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_50895	QLGNEDFLADLIAK	AGAP010588-PA	-	73	8.83E-07	2	1546.812	0.3	Male reproductive organs	3L:-:6554527-6554486	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_52049	AYSGLEEAVYR	AGAP010588-PA	-	79	1.56E-07	1	1257.615	2.8	Malpighian tubule	3L:-:6554980-6554948	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_52257	IALYSCPVDIIQTETKGTVLIK	AGAP010588-PA	C6(Carbamidomethyl)	79	3.26E-08	1	2462.367	3.82	Malpighian tubule	3L:-:6554326-6554261	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_52297	AIVDTGATVIVAGAK	AGAP010588-PA	-	86	1.80E-08	2	1385.801	0.46	Salivary gland	3L:-:6554197-6554153	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_53121	IALYSCPVDIIQTETK	AGAP010588-PA	C6(Carbamidomethyl)	108	1.72E-10	1	1850.966	4.72	Salivary gland	3L:-:6554326-6554279	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_53766	YAVGAACTILK	AGAP010588-PA	C7(Carbamidomethyl)	39	0.000942085	2	1166.625	1.13	Malpighian tubule	3L:-:6553513-6553481	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_55199	TEGFDIESEQPATIDVTTK	AGAP010588-PA	-	81	1.28E-07	1	2081.002	4.95	Malpighian tubule	3L:-:6553612-6553556	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_57267	VDEIIMAK	AGAP010588-PA	M6(Oxidation)	41	0.001289778	1	934.493	1.81	Ovary	3L:-:6553480-6553457	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_58138	ALEYFPK	AGAP010588-PA	-	33	0.004611199	2	867.462	1.54	Ovary	3L:-:6553711-6553691	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_58443	FVEGEVTSATK	AGAP010588-PA	-	79	2.16E-07	2	1167.591	1.07	Salivary gland	3L:-:6554365-6554333	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_61045	KTEGFDIESEQPATIDVTTK	AGAP010588-PA	-	84	5.77E-08	1	2209.086	-0.45	Pupa	3L:-:6553615-6553556	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_62787	LTPPSTEELGYCDNVYLHELGDTSVTIFK	AGAP010588-PA	C12(Carbamidomethyl)	98	2.27E-09	1	3298.601	5.73	Ovary	3L:-:6554035-6553949	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_65814	TFSQGEENLLEAQIK	AGAP010588-PA	Q4(Deamidated)	104	5.72E-10	1	1706.865	2.88	Midgut	3L:-:6554242-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_66576	IALYSCPVDIIQTETK	AGAP010588-PA	C6(Carbamidomethyl)	122	7.32E-12	1	1850.961	1.95	Malpighian tubule	3L:-:6554326-6554279	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_67532	YAVGAACTILK	AGAP010588-PA	C7(Carbamidomethyl)	35	0.002342402	2	1166.623	-0.65	Head	3L:-:6553513-6553481	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_69292	IATVVIR	AGAP010588-PA	-	35	0.001783987	2	771.509	0.04	Ovary	3L:-:6553927-6553907	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_71281	TTFNVDNIR	AGAP010588-PA	-	45	0.000501105	2	1079.547	-1.26	Midgut	3L:-:6554458-6554432	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_72043	SADELKTFSQGEENLLEAQIK	AGAP010588-PA	-	60	1.29E-05	1	2350.185	3.26	Malpighian tubule	3L:-:6554260-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_72775	QLGNEDFLADLIAK	AGAP010588-PA	-	59	1.57E-05	2	1546.819	5.27	Head	3L:-:6554527-6554486	exon=> In CDS Exon 2 of transcript AGAP010588-PA

JHU_Ag_73086	ILGSGLQMSEVIPGMVFK	AGAP010588-PA	M8(Oxidation), M15(Oxidation)	50	0.000104575	1	1938.014	3.47	Head	3L:-:6554422-6554369	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_73360	QLGNEDFLADLIAK	AGAP010588-PA	-	101	1.07E-09	1	1546.814	2.03	Malpighian tubule	3L:-:6554527-6554486	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_74005	TTFNVDNIR	AGAP010588-PA	-	59	2.16E-05	2	1079.550	1.56	Pupa	3L:-:6554458-6554432	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_74229	IALYSCPVDIIQTETK	AGAP010588-PA	C6(Carbamidomethyl)	59	1.57E-05	1	1850.960	1.55	Male reproductive organs	3L:-:6554326-6554279	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_74430	AVGGTVLPR	AGAP010588-PA	-	55	1.24E-05	1	869.521	0.76	Malpighian tubule	3L:-:6554062-6554036	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_74887	GSTDNYMDDIER	AGAP010588-PA	M7(Oxidation)	45	6.86E-05	2	1431.571	0.98	Salivary gland	3L:-:6553906-6553871	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_74999	ALHVPK	AGAP010588-PA	N-Term(Acetyl)	39	0.000362929	1	706.424	-0.34	Ovary	3L:-:6555187-6555170	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_75639	FVEGEVTSATK	AGAP010588-PA	-	81	1.16E-07	2	1167.591	1.28	Ovary	3L:-:6554365-6554333	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_75797	NINACKEFANSVR	AGAP010588-PA	C5(Carbamidomethyl)	80	1.70E-07	1	1522.742	-1.09	Ovary	3L:-:6554947-6554909	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_76535	ALAENSGVNATEVVHQLYLAHK	AGAP010588-PA	-	114	3.47E-11	1	2364.234	1.5	Salivary gland	3L:-:6553690-6553625	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_78477	TEGFDIESEQPATIDVTTK	AGAP010588-PA	-	104	5.62E-10	2	2080.993	0.61	Pupa	3L:-:6553612-6553556	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_78618	AVGGTVLPR	AGAP010588-PA	-	50	3.47E-05	2	869.521	0.27	Pupa	3L:-:6554062-6554036	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_79191	TFSQGEENLLEAQIK	AGAP010588-PA	-	132	9.60E-13	1	1706.861	0.95	Pupa	3L:-:6554242-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_79501	VIDDGVNTFK	AGAP010588-PA	-	52	0.000101201	1	1107.570	1.58	Malpighian tubule	3L:-:6553870-6553841	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_79505	TTFNVDNIR	AGAP010588-PA	-	38	0.002252378	2	1079.550	1.68	Malpighian tubule	3L:-:6554458-6554432	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_81547	LGVTSSDITEGYEK	AGAP010588-PA	-	111	8.46E-11	1	1498.726	-0.88	Ovary	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_82429	YAVGAACTILK	AGAP010588-PA	C7(Carbamidomethyl)	40	0.000833854	1	1166.625	1.13	Male reproductive organs	3L:-:6553513-6553481	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_82868	TFSQGEENLLEAQIK	AGAP010588-PA	-	117	3.12E-11	1	1706.864	2.6	Head	3L:-:6554242-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_84373	GSTDNYMDDIER	AGAP010588-PA	M7(Oxidation)	87	4.04E-09	1	1431.571	1.49	Ovary	3L:-:6553906-6553871	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_85365	GSTDNYMDDIER	AGAP010588-PA	M7(Oxidation)	60	1.98E-06	2	1431.572	1.75	Malpighian tubule	3L:-:6553906-6553871	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_86479	IATVVIR	AGAP010588-PA	-	34	0.001982786	2	771.509	0.44	Malpighian tubule	3L:-:6553927-6553907	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_87765	FVEGEVTSATK	AGAP010588-PA	-	45	0.000476867	2	1167.592	2.33	Larva	3L:-:6554365-6554333	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_87819	QLGNEDFLADLIAK	AGAP010588-PA	-	71	1.05E-06	2	1546.815	2.67	Pupa	3L:-:6554527-6554486	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_90212	ELDVEHPAAK	AGAP010588-PA	-	43	0.000849041	2	1108.563	-0.52	Head	3L:-:6554818-6554789	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_91467	TEGFDIESEQPATIDVTTK	AGAP010588-PA	-	131	1.22E-12	1	2080.999	3.31	Ovary	3L:-:6553612-6553556	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_91890	QLGNEDFLADLIAK	AGAP010588-PA	-	64	6.11E-06	2	1546.812	0.69	Midgut	3L:-:6554527-6554486	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_92271	AYSGLEEAVYR	AGAP010588-PA	-	74	4.90E-07	1	1257.612	0.95	Pupa	3L:-:6554980-6554948	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_93514	LGVTSSDITEGYEK	AGAP010588-PA	-	115	3.88E-11	1	1498.731	2.46	Pupa	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA

JHU_Ag_93583	ALHVPK	AGAP010588-PA	N-Term(Acetyl)	36	0.000805048	2	706.424	-0.26	Male reproductive organs	3L:-:6555187-6555170	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_94468	LTPPSTEELGYCDNVYLHELGDTSVTIFK	AGAP010588-PA	C12(Carbamidomethyl)	54	5.56E-05	1	3298.597	4.29	Malpighian tubule	3L:-:6554035-6553949	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_94848	FVEGEVTSATK	AGAP010588-PA	-	79	1.92E-07	2	1167.590	0.86	Pupa	3L:-:6554365-6554333	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_94885	TFSQGEENLLEAQIK	AGAP010588-PA	-	100	1.51E-09	1	1706.865	3.1	Malpighian tubule	3L:-:6554242-6554198	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_96434	APGFASMLK	AGAP010588-PA	-	37	0.002015215	1	921.486	0.07	Salivary gland	3L:-:6555169-6555143	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_96456	IALYSCPVDIIQTETK	AGAP010588-PA	C6(Carbamidomethyl)	83	5.69E-08	1	1850.963	3.13	Pupa	3L:-:6554326-6554279	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_97718	LGVTSSDITEGYEK	AGAP010588-PA	-	104	5.08E-10	2	1498.731	2.37	Head	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_98267	ALHVPK	AGAP010588-PA	N-Term(Acetyl)	38	0.000519783	2	706.424	-0.6	Malpighian tubule	3L:-:6555187-6555170	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_98742	ALAENSGVNATEVVHQLYLAHK	AGAP010588-PA	-	149	1.19E-14	1	2364.236	2.23	Ovary	3L:-:6553690-6553625	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_103783	ELDVEHPAAK	AGAP010588-PA	-	57	3.15E-05	1	1108.564	0.14	Ovary	3L:-:6554818-6554789	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_104362	ALHVPK	AGAP010588-PA	N-Term(Acetyl)	38	0.000522182	2	706.425	0.44	Salivary gland	3L:-:6555187-6555170	exon=> In CDS Exon 1 of transcript AGAP010588-PA
JHU_Ag_105004	YAVGAACTILKVDEIIMAK	AGAP010588-PA	C7(Carbamidomethyl), M17(Oxidation)	72	5.23E-07	1	2082.103	2.77	Malpighian tubule	3L:-:6553513-6553457	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_105843	YGLMAVR	AGAP010588-PA	M4(Oxidation)	50	0.000132333	2	825.430	1.24	Ovary	3L:-:6554119-6554099	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_106186	FGDMALHYMNK	AGAP010588-PA	M4(Oxidation), M9(Oxidation)	43	0.00031481	1	1358.588	0.72	Head	3L:-:6554152-6554120	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_106256	IALYSCPVDIIQTETK	AGAP010588-PA	C6(Carbamidomethyl)	126	2.72E-12	1	1850.961	2.08	Ovary	3L:-:6554326-6554279	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_106424	YGLMAVR	AGAP010588-PA	M4(Oxidation)	52	7.32E-05	2	825.430	1.24	Male reproductive organs	3L:-:6554119-6554099	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_106732	LGVTSSDITEGYEK	AGAP010588-PA	-	96	2.90E-09	2	1498.732	3.19	Male reproductive organs	3L:-:6554680-6554639	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_107363	AVGGTVLPR	AGAP010588-PA	-	64	1.66E-06	1	869.521	0.69	Ovary	3L:-:6554062-6554036	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_110095	RFVEGEVTSATK	AGAP010588-PA	-	72	7.00E-07	2	1323.694	2.57	Ovary	3L:-:6554368-6554333	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_111191	AIVDTGATVIVAGAK	AGAP010588-PA	-	107	1.25E-10	2	1385.800	0.29	Midgut	3L:-:6554197-6554153	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_112241	NINACK	AGAP010588-PA	C5(Carbamidomethyl)	37	0.003042073	1	719.352	1.8	Ovary	3L:-:6554947-6554930	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_113042	GSTDNYMDDIER	AGAP010588-PA	M7(Oxidation)	48	3.04E-05	2	1431.571	0.98	Pupa	3L:-:6553906-6553871	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_113220	NIFDLYTTKYWGLK	AGAP010588-PA	-	35	0.003708109	1	1761.930	5.12	Ovary	3L:-:6553555-6553514	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_116825	AIVDTGATVIVAGAK	AGAP010588-PA	-	117	1.30E-11	1	1385.800	-0.24	Malpighian tubule	3L:-:6554197-6554153	exon=> In CDS Exon 2 of transcript AGAP010588-PA
JHU_Ag_11157	ITVSQAVADIVK	AGAP010589-PA	-	56	1.33E-05	2	1243.729	2.41	Salivary gland	3L:+:6555952-6555987	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_39981	MDIMASNLQQQR	AGAP010589-PA	N-Term(Acetyl), M1(Oxidation), M4(Oxidation)	64	4.08E-06	2	1508.682	-0.8	Midgut	3L:+:6555874-6555909	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_40471	ITVSQAVADIVK	AGAP010589-PA	-	113	2.73E-11	2	1243.730	3.78	Visceras	3L:+:6555952-6555987	exon=> In CDS Exon 1 of transcript AGAP010589-PA

JHU_Ag_53834	YVTEHQAEDCLLVGFSSQK	AGAP010589-PA	C10(Carbamidomethyl)	42	0.001015869	3	2211.042	1.68	Head	3L:+:6555988-6556044	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_78732	MDIMASNLQQQR	AGAP010589-PA	N-Term(Acetyl), M1(Oxidation), M4(Oxidation)	62	6.52E-06	2	1508.685	0.98	Malpighian tubule	3L:+:6555874-6555909	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_82509	ITVSQAVADIVK	AGAP010589-PA	-	108	9.38E-11	2	1243.728	2.11	Head	3L:+:6555952-6555987	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_99596	ITVSQAVADIVK	AGAP010589-PA	-	94	2.44E-09	1	1243.729	3	Ovary	3L:+:6555952-6555987	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_108010	MDIMASNLQQQR	AGAP010589-PA	N-Term(Acetyl), M1(Oxidation)	46	0.000323584	2	1492.691	1.83	Malpighian tubule	3L:+:6555874-6555909	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_111655	ITVSQAVADIVK	AGAP010589-PA	-	105	2.02E-10	2	1243.722	-2.79	Midgut	3L:+:6555952-6555987	exon=> In CDS Exon 1 of transcript AGAP010589-PA
JHU_Ag_9092	HLVEILPITYR	AGAP010590-PA	-	55	1.05E-05	1	1353.788	-0.96	Midgut	3L:-:6558024-6557992	exon=> In CDS Exon 3 of transcript AGAP010590-PA
JHU_Ag_27478	HLVEILPITYR	AGAP010590-PA	-	50	3.05E-05	1	1353.794	4.09	Ovary	3L:-:6558024-6557992	exon=> In CDS Exon 3 of transcript AGAP010590-PA
JHU_Ag_30481	YGEPTEADIER	AGAP010590-PA	-	56	2.69E-05	2	1279.579	-1.16	Midgut	3L:-:6557991-6557959	exon=> In CDS Exon 3 of transcript AGAP010590-PA
JHU_Ag_68091	YGEPTEADIER	AGAP010590-PA	-	54	5.11E-05	2	1279.576	-2.87	Malpighian tubule	3L:-:6557991-6557959	exon=> In CDS Exon 3 of transcript AGAP010590-PA
JHU_Ag_2741	IIDLHSPSEIVK	AGAP010591-PA	-	58	7.27E-06	1	1350.766	2.67	Malpighian tubule	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_4026	VCADLIAGAK	AGAP010591-PA	C2(Carbamidomethyl)	59	2.44E-05	1	1017.538	-1.7	Salivary gland	3L:-:6564370-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_5088	VCADLIAGAK	AGAP010591-PA	C2(Carbamidomethyl)	53	8.51E-05	1	1017.538	-2.18	Ovary	3L:-:6564370-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_6344	IIDLHSPSEIVK	AGAP010591-PA	-	52	3.08E-05	2	1350.766	2.4	Pupa	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_11262	QITSINMEPGVEVEVTIADP	AGAP010591-PA	M7(Oxidation)	110	1.35E-10	1	2158.065	2.89	Ovary	3L:-:6563800-6563741	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_12154	AAVATK	AGAP010591-PA	N-Term(Acetyl)	44	0.000573553	1	602.352	1.21	Male reproductive organs	3L:-:6564475-6564458	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_13602	IRITLTSR	AGAP010591-PA	-	35	0.001174982	2	959.601	1.88	Malpighian tubule	3L:-:6564415-6564392	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_14471	IIDLHSPSEIVK	AGAP010591-PA	-	49	6.63E-05	1	1350.766	2.36	Midgut	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_14516	DIEKPVVETATVHR	AGAP010591-PA	-	80	8.01E-08	1	1593.862	1.29	Visceras	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_27316	DIEKPVVETATVHR	AGAP010591-PA	-	113	4.57E-11	1	1593.854	-3.23	Head	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_28055	DIEKPVVETATVHR	AGAP010591-PA	-	93	4.81E-09	1	1593.857	-1.33	Salivary gland	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_32857	IIDLHSPSEIVK	AGAP010591-PA	-	53	2.14E-05	1	1350.766	2.49	Visceras	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_33899	SLEKVCADLIAGAK	AGAP010591-PA	C6(Carbamidomethyl)	65	3.80E-06	1	1474.799	3.41	Malpighian tubule	3L:-:6564382-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_42855	IIDLHSPSEIVK	AGAP010591-PA	-	54	1.98E-05	1	1350.763	0.05	Male reproductive organs	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_44585	IIDLHSPSEIVK	AGAP010591-PA	-	60	5.24E-06	1	1350.766	2.54	Ovary	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_47095	IIDLHSPSEIVKQITSINMEPGVEVEVTIADP	AGAP010591-PA	M19(Oxidation)	51	5.06E-05	3	3489.822	5.34	Malpighian tubule	3L:-:6563836-6563741	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_49940	RIIDLHSPSEIVK	AGAP010591-PA	-	43	0.000108695	1	1506.866	1.47	Head	3L:-:6563839-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA

JHU_Ag_51240	DIEKPVVETATVHR	AGAP010591-PA	-	83	3.33E-08	3	1593.866	3.96	Larva	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_53127	IIDLHSPSEIVK	AGAP010591-PA	-	45	0.000157673	1	1350.764	1.22	Head	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_60374	DIEKPVVETATVHR	AGAP010591-PA	-	112	5.37E-11	1	1593.862	1.59	Malpighian tubule	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_60954	DIEKPVVETATVHR	AGAP010591-PA	-	86	1.81E-08	1	1593.860	-0.02	Pupa	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_62079	RIIDLHSPSEIVK	AGAP010591-PA	-	59	3.36E-06	2	1506.870	4.14	Ovary	3L:-:6563839-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_69600	DIEKPVVETATVHR	AGAP010591-PA	-	116	2.47E-11	1	1593.856	-2.48	Midgut	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_77192	DIEKPVVETATVHR	AGAP010591-PA	-	99	9.41E-10	1	1593.859	-0.32	Male reproductive organs	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_82040	DIEKPVVETATVHR	AGAP010591-PA	-	121	6.50E-12	1	1593.860	0.05	Ovary	3L:-:6564457-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_85611	VCADLIAGAK	AGAP010591-PA	C2(Carbamidomethyl)	42	0.001079691	1	1017.542	1.97	Head	3L:-:6564370-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_91183	VCADLIAGAK	AGAP010591-PA	C2(Carbamidomethyl)	39	0.002859 45	1	1017.542	2.63	Larva	3L:-:6564370-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_92202	VCADLIAGAK	AGAP010591-PA	C2(Carbamidomethyl)	53	0.000100291	1	1017.540	0.35	Midgut	3L:-:6564370-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_95917	AAVATKDIEKPVVETATVHR	AGAP010591-PA	N-Term(Acetyl)	165	1.32E-16	1	2177.196	1.47	Malpighian tubule	3L:-:6564475-6564416	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_96985	RIIDLHSPSEIVK	AGAP010591-PA	-	36	0.000769345	2	1506.862	-1.53	Midgut	3L:-:6563839-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_103498	VCADLIAGAK	AGAP010591-PA	C2(Carbamidomethyl)	47	0.000316446	1	1017.542	2.08	Malpighian tubule	3L:-:6564370-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_105280	RIIDLHSPSEIVK	AGAP010591-PA	-	49	3.19E-05	1	1506.870	3.74	Malpighian tubule	3L:-:6563839-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_109715	RIIDLHSPSEIVK	AGAP010591-PA	-	52	1.62E-05	1	1506.865	0.93	Male reproductive organs	3L:-:6563839-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_113331	IIDLHSPSEIVK	AGAP010591-PA	-	45	0.000151 44	1	1350.768	3.86	Larva	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_113430	IIDLHSPSEIVK	AGAP010591-PA	-	44	0.000192353	1	1350.761	-1.3	Salivary gland	3L:-:6563836-6563801	exon=> In CDS Exon 4 of transcript AGAP010591-PA
JHU_Ag_113930	VCADLIAGAK	AGAP010591-PA	C2(Carbamidomethyl)	54	7.83E-05	1	1017.539	-0.62	Male reproductive organs	3L:-:6564370-6564341	exon=> In CDS Exon 2 of transcript AGAP010591-PA
JHU_Ag_3994	VDTFASVYK	AGAP010592-PA	-	38	0.001928493	2	1029.526	0.5	Salivary gland	3L:+:6566439-6566465	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_7975	VHLDKNQQTTIEHK	AGAP010592-PA	-	47	0.000248519	1	1690.894	3.95	Larva	3L:+:6566248-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_11223	TLTAVYDAILEDLVFPAEVVGK	AGAP010592-PA	-	92	2.87E-09	1	2363.281	2.92	Pupa	3L:+:6566143-6566208	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_16838	HVVFIAER	AGAP010592-PA	-	31	0.005254325	1	970.549	2.22	Ovary	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_22033	VKLDGSQLIK	AGAP010592-PA	-	67	1.09E-06	1	1100.669	1.01	Ovary	3L:+:6566218-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_24592	LDGSQLIK	AGAP010592-PA	-	40	0.001712 74	2	873.504	-0.53	Salivary gland	3L:+:6566224-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_24732	AIIIYVPVPK	AGAP010592-PA	-	60	1.73E-06	2	1112.710	1.73	Pupa	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_25620	LDGSQLIK	AGAP010592-PA	-	41	0.001121222	2	873.504	-0.39	Ovary	3L:+:6566224-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_26280	AGNGEPDAFETQIGQAILELEMNSDLKPQLRDLYITR	AGAP010592-PA	M22(Oxidation)	86	1.68E-08	1	4162.108	7.63	Malpighian tubule	3L:+:6565734-6565844	exon=> In CDS Exon 1 of transcript AGAP010592-PA

JHU_Ag_26379	VDTFASVYKK	AGAP010592-PA	-	58	2.03E-05	1	1157.621	0.55	Malpighian tubule	3L:+:6566439-6566468	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_29951	HVVFIAER	AGAP010592-PA	-	40	0.000612564	2	970.547	-0.44	Midgut	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_30690	LVRELEK	AGAP010592-PA	-	43	0.000587612	1	886.535	-0.62	Malpighian tubule	3L:+:6566017-6566037	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_31638	NQQTTIEHK	AGAP010592-PA	-	46	0.000247396	1	1098.553	-0.41	Visceras	3L:+:6566263-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_32515	AIIIYVPVPK	AGAP010592-PA	-	79	2.34E-08	1	1112.709	0.74	Ovary	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_33171	DVTFEFPENYL	AGAP010592-PA	-	71	6.57E-07	1	1373.629	1.96	Salivary gland	3L:+:6566481-6566513	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_33488	HVVFIAER	AGAP010592-PA	-	42	0.00039675	1	970.548	1.57	Salivary gland	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_33509	NQQTTIEHK	AGAP010592-PA	-	35	0.003306684	2	1098.556	1.81	Ovary	3L:+:6566263-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_36206	AIIIYVPVPK	AGAP010592-PA	-	49	2.06E-05	2	1112.709	0.96	Visceras	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_38530	NQQTTIEHK	AGAP010592-PA	-	40	0.001005525	2	1098.554	-0.08	Malpighian tubule	3L:+:6566263-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_38605	TLTAVYDAILEDLVFPAEVVGK	AGAP010592-PA	-	121	4.15E-12	1	2363.273	-0.8	Ovary	3L:+:6566143-6566208	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_38940	DVTFEFPENYL	AGAP010592-PA	-	66	2.62E-06	1	1373.628	1.34	Ovary	3L:+:6566481-6566513	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_40146	KAIIIYVPVPK	AGAP010592-PA	-	53	8.36E-07	1	1240.804	1.06	Male reproductive organs	3L:+:6565872-6565874,6565957-6565986	exon=> In CDS Exon 1 and 2 of transcript AGAP010592-PA
JHU_Ag_40608	KAIIIYVPVPK	AGAP010592-PA	-	67	2.95E-08	1	1240.806	2.24	Malpighian tubule	3L:+:6565872-6565874,6565957-6565986	exon=> In CDS Exon 1 and 2 of transcript AGAP010592-PA
JHU_Ag_41783	KAIIIYVPVPK	AGAP010592-PA	-	31	0.000115636	1	1240.804	0.9	Ovary	3L:+:6565872-6565874,6565957-6565986	exon=> In CDS Exon 1 and 2 of transcript AGAP010592-PA
JHU_Ag_42206	EVEFNNKK	AGAP010592-PA	-	52	0.000127694	1	1007.515	-0.31	Malpighian tubule	3L:+:6565851-6565874	exon=> In CDS Exon 1 of transcript AGAP010592-PA
JHU_Ag_45402	AIIIYVPVPK	AGAP010592-PA	-	60	1.82E-06	2	1112.708	-0.14	Midgut	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_45838	TLTAVYDAILEDLVFPAEVVGK	AGAP010592-PA	-	40	0.000477795	3	2363.280	2.14	Salivary gland	3L:+:6566143-6566208	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_47916	VKLDGSQLIK	AGAP010592-PA	-	49	6.48E-05	1	1100.669	1.3	Visceras	3L:+:6566218-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_49131	AIIIYVPVPK	AGAP010592-PA	-	69	2.08E-07	2	1112.714	5.13	Malpighian tubule	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_49844	VHLDK	AGAP010592-PA	-	31	0.002012463	1	611.351	0.26	Head	3L:+:6566248-6566262	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_50126	VDTFASVYKK	AGAP010592-PA	-	55	3.74E-05	1	1157.620	-0.09	Midgut	3L:+:6566439-6566468	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_56985	VKLDGSQLIK	AGAP010592-PA	-	52	3.06E-05	1	1100.667	-0.57	Midgut	3L:+:6566218-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_60380	VDTFASVYK	AGAP010592-PA	-	51	8.03E-05	2	1029.527	1.92	Malpighian tubule	3L:+:6566439-6566465	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_65318	KAIIIYVPVPK	AGAP010592-PA	-	78	2.46E-09	1	1240.804	0.67	Pupa	3L:+:6565872-6565874,6565957-6565986	exon=> In CDS Exon 1 and 2 of transcript AGAP010592-PA
JHU_Ag_66117	TLTAVYDAILEDLVFPAEVVGKR	AGAP010592-PA	-	73	1.39E-07	1	2519.383	2.86	Ovary	3L:+:6566143-6566211	exon=> In CDS Exon 2 of transcript AGAP010592-PA

JHU_Ag_66341	VDTFASVYK	AGAP010592-PA	-	41	0.000918794	2	1029.526	0.38	Male reproductive organs	3L:+:6566439-6566465	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_67585	AIIIYVPVPK	AGAP010592-PA	-	63	8.45E-07	2	1112.709	0.63	Male reproductive organs	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_70533	NQQTTIEHKVDTFASVYK	AGAP010592-PA	-	95	4.96E-09	2	2109.063	0.77	Midgut	3L:+:6566263-6566289,6566439-6566465	exon=> In CDS Exon 2 and 3 of transcript AGAP010592-PA
JHU_Ag_72352	KAIIIYVPVPK	AGAP010592-PA	-	78	2.39E-09	1	1240.802	-0.81	Midgut	3L:+:6565872-6565874,6565957-6565986	exon=> In CDS Exon 1 and 2 of transcript AGAP010592-PA
JHU_Ag_72895	VKLDGSQLIK	AGAP010592-PA	-	57	9.14E-06	1	1100.669	1.67	Malpighian tubule	3L:+:6566218-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_73352	VDTFASVYKK	AGAP010592-PA	-	47	0.000295612	1	1157.622	1.29	Pupa	3L:+:6566439-6566468	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_73546	VHLDKNQQTTIEHK	AGAP010592-PA	-	69	1.65E-06	2	1690.887	-0.38	Midgut	3L:+:6566248-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_74503	TLTAVYDAILEDLVFPAEVVGKR	AGAP010592-PA	-	30	0.003412464	3	2519.377	0.61	Head	3L:+:6566143-6566211	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_75591	VHLDKNQQTTIEHK	AGAP010592-PA	-	84	5.26E-08	1	1690.887	-0.17	Ovary	3L:+:6566248-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_76886	VDTFASVYKK	AGAP010592-PA	-	44	0.000509005	2	1157.621	1.07	Visceras	3L:+:6566439-6566468	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_77425	HVVFIAER	AGAP010592-PA	-	42	0.000391878	1	970.547	-0.06	Visceras	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_78518	ILPKPMR	AGAP010592-PA	-	37	0.000369618	1	854.528	-0.34	Salivary gland	3L:+:6566080-6566100	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_79610	LDGSQLIK	AGAP010592-PA	-	43	0.000795594	2	873.504	-0.39	Male reproductive organs	3L:+:6566224-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_81000	VHLDKNQQTTIEHK	AGAP010592-PA	-	47	0.000299143	1	1690.888	0.59	Malpighian tubule	3L:+:6566248-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_81872	TLTAVYDAILEDLVFPAEVVGK	AGAP010592-PA	-	48	8.43E-05	2	2363.275	0.16	Midgut	3L:+:6566143-6566208	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_82117	HVVFIAER	AGAP010592-PA	-	41	0.000425747	1	970.547	-0.19	Male reproductive organs	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_82219	TLTAVYDAILEDLVFPAEVVGKR	AGAP010592-PA	-	101	2.64E-10	1	2519.377	0.71	Midgut	3L:+:6566143-6566211	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_84514	HVVFIAERR	AGAP010592-PA	-	49	7.23E-05	1	1126.649	0.72	Malpighian tubule	3L:+:6566053-6566079	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_84880	HVVFIAER	AGAP010592-PA	-	42	0.000512115	1	970.545	-1.95	Head	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_85806	TLTAVYDAILEDLVFPAEVVGK	AGAP010592-PA	-	35	0.001551522	1	2363.284	4.16	Visceras	3L:+:6566143-6566208	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_88163	VKLDGSQLIK	AGAP010592-PA	-	58	6.96E-06	1	1100.668	0.74	Salivary gland	3L:+:6566218-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_89723	AREVEFNNK	AGAP010592-PA	-	42	0.000986706	1	1106.558	-0.61	Malpighian tubule	3L:+:6565845-6565871	exon=> In CDS Exon 1 of transcript AGAP010592-PA
JHU_Ag_89786	HVVFIAER	AGAP010592-PA	-	42	0.000387719	1	970.549	2.52	Larva	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_89982	AIIIYVPVPK	AGAP010592-PA	-	66	4.93E-07	1	1112.709	1.07	Salivary gland	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_90299	ILPKPMR	AGAP010592-PA	M6(Oxidation)	43	0.000193992	1	870.523	-0.38	Ovary	3L:+:6566080-6566100	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_91554	HVVFIAER	AGAP010592-PA	-	40	0.000666066	2	970.549	2.2	Malpighian tubule	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_91992	AGNGEPDAFETQIGQAILELEMNSDLKPQLR	AGAP010592-PA	M22(Oxidation)	83	6.04E-08	1	3400.685	4.75	Malpighian tubule	3L:+:6565734-6565826	exon=> In CDS Exon 1 of transcript AGAP010592-PA

JHU_Ag_92104	VDTFASVYK	AGAP010592-PA	-	44	0.000398359	1	1029.527	1.4	Midgut	3L:+:6566439-6566465	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_94788	NQQTTIEHK	AGAP010592-PA	-	63	6.23E-06	1	1098.553	-0.74	Head	3L:+:6566263-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_96340	NQQTTIEHKVDTFASVYK	AGAP010592-PA	-	108	2.49E-10	1	2109.063	0.7	Ovary	3L:+:6566263-6566289,6566439-6566465	exon=> In CDS Exon 2 and 3 of transcript AGAP010592-PA
JHU_Ag_98001	VHLDKNQQTTIEHK	AGAP010592-PA	N6(Deamidated)	88	2.08E-08	1	1690.895	4.39	Pupa	3L:+:6566248-6566289	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_99331	AIIIYVPVPK	AGAP010592-PA	-	65	5.68E-07	2	1112.709	0.74	Head	3L:+:6565957-6565986	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_102002	DLYITR	AGAP010592-PA	-	32	0.005190769	1	780.425	-0.71	Pupa	3L:+:6565827-6565844	exon=> In CDS Exon 1 of transcript AGAP010592-PA
JHU_Ag_102667	AGNGEPDAFETQIGQAILELEMNSDLKPQLR	AGAP010592-PA	M22(Oxidation),"N3(Deamidated), M22(Oxidation)"	99	1.62E-09	1	3401.658	1.46	Midgut	3L:+:6565734-6565826	exon=> In CDS Exon 1 of transcript AGAP010592-PA
JHU_Ag_102895	DVTFEFPENYL	AGAP010592-PA	-	40	0.000950622	1	1373.627	0.41	Head	3L:+:6566481-6566513	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_105709	VDTFASVYKK	AGAP010592-PA	-	63	6.62E-06	1	1157.621	0.65	Salivary gland	3L:+:6566439-6566468	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_105817	HVVFIAER	AGAP010592-PA	-	30	0.005904067	1	970.547	0.25	Pupa	3L:+:6566053-6566076	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_107718	VDTFASVYKK	AGAP010592-PA	-	77	2.50E-07	1	1157.619	-0.72	Ovary	3L:+:6566439-6566468	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_108345	AGNGEPDAFETQIGQAILELEMNSDLKPQLR	AGAP010592-PA	Q15(Deamidated), M22(Oxidation),M22(Oxidation),"Q12(Deamidated), M22(Oxidation)","N3(Deamidated), M22(Oxidation)"	198	2.16E-19	1	3400.670	0.34	Ovary	3L:+:6565734-6565826	exon=> In CDS Exon 1 of transcript AGAP010592-PA
JHU_Ag_109132	ILPKPMR	AGAP010592-PA	M6(Oxidation)	39	0.000577808	1	870.523	0.32	Malpighian tubule	3L:+:6566080-6566100	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_111500	DVTFEFPENYL	AGAP010592-PA	-	67	1.70E-06	2	1373.626	0.27	Male reproductive organs	3L:+:6566481-6566513	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_111816	VKLDGSQLIK	AGAP010592-PA	-	53	2.62E-05	1	1100.667	-0.59	Male reproductive organs	3L:+:6566218-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_112604	TLTAVYDAILEDLVFPAEVVGKR	AGAP010592-PA	-	132	1.53E-13	1	2519.390	5.84	Malpighian tubule	3L:+:6566143-6566211	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_112744	ILPKPMR	AGAP010592-PA	-	43	9.20E-05	1	854.528	0.37	Pupa	3L:+:6566080-6566100	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_113258	VDTFASVYK	AGAP010592-PA	-	53	6.35E-05	2	1029.525	0.02	Pupa	3L:+:6566439-6566465	exon=> In CDS Exon 3 of transcript AGAP010592-PA
JHU_Ag_113535	ILPKPMR	AGAP010592-PA	-	31	0.001587646	1	854.527	-0.91	Midgut	3L:+:6566080-6566100	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_115653	VKLDGSQLIK	AGAP010592-PA	-	29	0.005555738	1	1100.667	-0.36	Pupa	3L:+:6566218-6566247	exon=> In CDS Exon 2 of transcript AGAP010592-PA
JHU_Ag_117608	KAIIIYVPVPK	AGAP010592-PA	-	54	6.00E-07	1	1240.805	1.75	Salivary gland	3L:+:6565872-6565874,6565957-6565986	exon=> In CDS Exon 1 and 2 of transcript AGAP010592-PA
JHU_Ag_21239	VLQRPDSAGFALMVEGGR	AGAP010596-PA	M13(Oxidation)	72	9.98E-07	1	1918.980	-0.11	Salivary gland	3L:-:6592625-6592572	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_26235	VLQRPDSAGFALMVEGGR	AGAP010596-PA	M13(Oxidation)	56	4.23E-05	1	1918.982	0.84	Midgut	3L:-:6592625-6592572	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_27367	LPSFMDWAQEEGKR	AGAP010596-PA	-	60	1.47E-05	1	1693.802	1.13	Malpighian tubule	3L:-:6593159-6593118	exon=> In CDS Exon 2 of transcript AGAP010596-PA

JHU_Ag_29862	DRTPDGEPSLSEMTEAAIK	AGAP010596-PA	-	77	2.82E-07	1	2046.969	1.97	Malpighian tubule	3L:-:6592682-6592626	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_37490	YGVLGVDYTITETNLEAAK	AGAP010596-PA	-	129	1.72E-12	1	2057.048	2.11	Malpighian tubule	3L:-:6593216-6593160	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_39362	VLQRPDSAGFALMVEGGR	AGAP010596-PA	M13(Oxidation)	102	1.01E-09	1	1918.984	1.89	Malpighian tubule	3L:-:6592625-6592572	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_42556	LPSFMDWAQEEGK	AGAP010596-PA	-	90	1.11E-08	2	1537.700	0.18	Malpighian tubule	3L:-:6593159-6593121	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_42689	NIIIFVGDGMGIASLSTGR	AGAP010596-PA	M10(Oxidation)	111	8.48E-11	1	1937.023	3.39	Malpighian tubule	3L:-:6593432-6593376	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_44101	DRTPDGEPSLSEMTEAAIK	AGAP010596-PA	M13(Oxidation)	85	5.01E-08	1	2046.969	1.97	Salivary gland	3L:-:6592682-6592626	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_44863	QVPDSAGTATAMFSGVK	AGAP010596-PA	-	102	9.18E-10	1	1666.813	1.47	Salivary gland	3L:-:6593273-6593223	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_50354	TGIVTTTR	AGAP010596-PA	-	38	0.001289682	1	848.484	0.56	Malpighian tubule	3L:-:6593117-6593094	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_52716	VTHATPAACYAHSINR	AGAP010596-PA	C9(Carbamidomethyl)	37	0.002712455	1	1768.849	-3.3	Salivary gland	3L:-:6593093-6593046	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_54522	NHFGASMPNHLKPEYQFQGAMEK	AGAP010596-PA	-	89	2.03E-08	1	2661.240	2.2	Malpighian tubule	3L:-:6592925-6592857	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_54781	NLNVVLGGGR	AGAP010596-PA	-	53	3.02E-05	2	998.574	-0.01	Salivary gland	3L:-:6592955-6592926	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_56091	AVELDKVDHLLGLFNDDHLSYDTVR	AGAP010596-PA	-	133	6.52E-13	1	2884.450	0.75	Malpighian tubule	3L:-:6592757-6592683	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_56237	IPVHLK	AGAP010596-PA	-	19	0.005224684	1	706.461	0.08	Malpighian tubule	3L:-:6593024-6593007	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_56511	TGIVTTTR	AGAP010596-PA	-	36	0.00232532	2	848.483	-1.24	Salivary gland	3L:-:6593117-6593094	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_64812	NLNVVLGGGR	AGAP010596-PA	-	63	3.02E-06	2	998.574	0.12	Malpighian tubule	3L:-:6592955-6592926	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_65344	TPDGEPSLSEMTEAAIK	AGAP010596-PA	-	78	2.37E-07	1	1775.842	2.94	Malpighian tubule	3L:-:6592676-6592626	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_66801	LPSFMDWAQEEGKR	AGAP010596-PA	M5(Oxidation)	37	0.00284349	1	1709.796	0.31	Salivary gland	3L:-:6593159-6593118	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_67560	AVELDKVDHLLGLFNDDHLSYDTVR	AGAP010596-PA	-	31	0.008267682	1	2884.463	5.24	Ovary	3L:-:6592757-6592683	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_72405	HLSAFPLPDETHGGEDVAVFASGPGANLVR	AGAP010596-PA	-	163	6.45E-16	1	3060.536	6.07	Malpighian tubule	3L:-:6592155-6592066	exon=> In CDS Exon 3 of transcript AGAP010596-PA
JHU_Ag_72589	VDHLLGLFNDDHLSYDTVR	AGAP010596-PA	-	80	1.55E-07	1	2229.096	1.14	Midgut	3L:-:6592739-6592683	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_77265	AVELDKVDHLLGLFNDDHLSYDTVR	AGAP010596-PA	-	131	8.59E-13	1	2884.454	2.19	Salivary gland	3L:-:6592757-6592683	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_80894	YGVLGVDYTITETNLEAAK	AGAP010596-PA	-	77	2.97E-07	2	2057.043	-0.38	Salivary gland	3L:-:6593216-6593160	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_82210	RFNLACDDDFPR	AGAP010596-PA	C6(Carbamidomethyl)	41	0.000914512	1	1525.689	2.34	Malpighian tubule	3L:-:6591999-6591964	exon=> In CDS Exon 3 of transcript AGAP010596-PA
JHU_Ag_85208	FNLACDDDFPR	AGAP010596-PA	C5(Carbamidomethyl)	46	0.000138736	2	1369.584	-0.39	Ovary	3L:-:6591996-6591964	exon=> In CDS Exon 3 of transcript AGAP010596-PA
JHU_Ag_103359	FNLACDDDFPR	AGAP010596-PA	C5(Carbamidomethyl)	39	0.000743102	2	1369.585	0.33	Salivary gland	3L:-:6591996-6591964	exon=> In CDS Exon 3 of transcript AGAP010596-PA
JHU_Ag_106058	VDHLLGLFNDDHLSYDTVR	AGAP010596-PA	-	123	7.59E-12	1	2229.093	-0.33	Malpighian tubule	3L:-:6592739-6592683	exon=> In CDS Exon 2 of transcript AGAP010596-PA
JHU_Ag_108479	HLSAFPLPDETHGGEDVAVFASGPGANLVR	AGAP010596-PA	-	90	1.30E-08	1	3060.521	1.26	Salivary gland	3L:-:6592155-6592066	exon=> In CDS Exon 3 of transcript AGAP010596-PA
JHU_Ag_109071	SGEEEQLSFDNFPNTGMSK	AGAP010596-PA	M17(Oxidation)	123	3.90E-12	1	2116.919	2.65	Salivary gland	3L:-:6593348-6593292	exon=> In CDS Exon 2 of transcript AGAP010596-PA

JHU_Ag_113847	FNLACDDDFPR	AGAP010596-PA	C5(Carbamidomethyl)	67	1.26E-06	1	1369.585	0.24	Malpighian tubule	3L:-:6591996-6591964	exon=> In CDS Exon 3 of transcript AGAP010596-PA
JHU_Ag_6120	FIVTSEHPHSSAALK	AGAP010598-PA	-	55	3.49E-05	1	1623.851	1.22	Malpighian tubule	3L:+:6867886-6867930	exon=> In CDS Exon 2 of transcript AGAP010598-PA
JHU_Ag_12856	FIVTSEHPHSSAALK	AGAP010598-PA	-	77	2.10E-07	2	1623.849	-0.12	Midgut	3L:+:6867886-6867930	exon=> In CDS Exon 2 of transcript AGAP010598-PA
JHU_Ag_33246	LIQESIGCCGADGPNDYMVMR	AGAP010598-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), M18(Oxidation), M20(Oxidation),"C8(Carbamidomethyl), C9(Carbamidomethyl), M20(Oxidation)","C8(Carbamidomethyl), C9(Carbamidomethyl), M18(Oxidation)"	102	3.14E-10	1	2402.023	-0.41	Midgut	3L:+:6867931-6867945,6869399-6869446	exon=> In CDS Exon 2 and 3 of transcript AGAP010598-PA
JHU_Ag_64710	QPLPLECR	AGAP010598-PA	C7(Carbamidomethyl)	34	0.003491468	2	1012.524	-0.01	Midgut	3L:+:6869447-6869470	exon=> In CDS Exon 3 of transcript AGAP010598-PA
JHU_Ag_72862	FIVTSEHPHSSAALK	AGAP010598-PA	-	74	4.16E-07	2	1623.854	2.89	Larva	3L:+:6867886-6867930	exon=> In CDS Exon 2 of transcript AGAP010598-PA
JHU_Ag_94457	LIQESIGCCGADGPNDYMVMR	AGAP010598-PA	C8(Carbamidomethyl), C9(Carbamidomethyl), M18(Oxidation), M20(Oxidation)	67	1.28E-06	2	2418.034	6.14	Larva	3L:+:6867931-6867945,6869399-6869446	exon=> In CDS Exon 2 and 3 of transcript AGAP010598-PA
JHU_Ag_28222	HGAGHNELIPAR	AGAP010602-PA,AGAP010604-PA	-	77	3.21E-07	1	1271.657	-2.94	Head	3L:-:7103896-7103861;3L:-:7128939-7128904	exon=> In CDS Exon 2 of transcript AGAP010602-PA;exon=> In CDS Exon 2 of transcript AGAP010604-PA
JHU_Ag_14070	LSAQIHEFNDICWDK	AGAP010606-PA	C12(Carbamidomethyl)	70	1.60E-06	1	1875.877	3.93	Visceras	3L:-:7139743-7139833,7139493-7139631	exon=> In CDS Exon 2 and 1 of transcript AGAP010606-PA
JHU_Ag_14974	FVDTSLLITQR	AGAP010606-PA	-	85	2.00E-08	1	1292.723	1.75	Malpighian tubule	3L:-:7139561-7139529	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_19361	ANVDPELQDFLMAENER	AGAP010606-PA	M12(Oxidation)	116	3.63E-11	1	1990.922	2.42	Head	3L:-:7139800-7139750	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_23184	TETCLANCVNR	AGAP010606-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	38	0.001135971	2	1337.595	1.26	Midgut	3L:-:7139594-7139562	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_23827	SSFGSADTPK	AGAP010606-PA	N-Term(Acetyl)	53	5.61E-05	1	1038.474	0.35	Visceras	3L:-:7139830-7139801	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_24261	TETCLANCVNR	AGAP010606-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	63	4.26E-06	2	1337.596	1.53	Malpighian tubule	3L:-:7139594-7139562	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_35393	FVDTSLLITQR	AGAP010606-PA	-	81	5.58E-08	1	1292.723	1.56	Visceras	3L:-:7139561-7139529	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_47165	FVDTSLLITQR	AGAP010606-PA	-	82	3.82E-08	2	1292.724	2.03	Ovary	3L:-:7139561-7139529	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_49380	FVDTSLLITQR	AGAP010606-PA	-	53	3.46E-05	2	1292.722	0.52	Salivary gland	3L:-:7139561-7139529	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_56527	ANVDPELQDFLMAENER	AGAP010606-PA	M12(Oxidation)	120	1.51E-11	1	1990.924	3.22	Malpighian tubule	3L:-:7139800-7139750	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_56749	FVDTSLLITQR	AGAP010606-PA	-	68	1.05E-06	2	1292.723	1.37	Midgut	3L:-:7139561-7139529	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_62915	ANVDPELQDFLMAENER	AGAP010606-PA	M12(Oxidation)	121	1.11E-11	1	1990.920	1.44	Visceras	3L:-:7139800-7139750	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_71202	FAQSLQK	AGAP010606-PA	-	42	0.000996636	2	821.451	-0.33	Ovary	3L:-:7139528-7139508	exon=> In CDS Exon 2 of transcript AGAP010606-PA

JHU_Ag_74921	TETCLANCVNR	AGAP010606-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	36	0.002089751	2	1337.595	0.71	Head	3L:-:7139594-7139562	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_84026	FVDTSLLITQR	AGAP010606-PA	-	78	1.07E-07	1	1292.722	0.52	Head	3L:-:7139561-7139529	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_85038	ANVDPELQDFLMAENER	AGAP010606-PA	M12(Oxidation)	151	1.13E-14	1	1990.915	-1.14	Midgut	3L:-:7139800-7139750	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_88317	ANVDPELQDFLMAENER	AGAP010606-PA	M12(Oxidation)	139	1.56E-13	1	2006.914	0.68	Ovary	3L:-:7139800-7139750	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_91677	ANVDPELQDFLMAENERAR	AGAP010606-PA	-	48	0.000263631	1	2218.063	3.02	Malpighian tubule	3L:-:7139800-7139744	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_92675	FAQSLQK	AGAP010606-PA	-	40	0.001196332	2	821.450	-2.48	Head	3L:-:7139528-7139508	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_99080	SSFGSADTPK	AGAP010606-PA	N-Term(Acetyl)	38	0.001474513	2	1038.472	-1.72	Ovary	3L:-:7139830-7139801	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_102368	LDSRTETCLANCVNR	AGAP010606-PA	C8(Carbamidomethyl), C12(Carbamidomethyl)	67	2.30E-06	1	1808.840	1.25	Malpighian tubule	3L:-:7139606-7139562	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_112800	SSFGSADTPK	AGAP010606-PA	N-Term(Acetyl)	67	2.01E-06	1	1038.476	1.81	Malpighian tubule	3L:-:7139830-7139801	exon=> In CDS Exon 1 of transcript AGAP010606-PA
JHU_Ag_114728	TETCLANCVNR	AGAP010606-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	72	5.13E-07	2	1337.594	0.44	Visceras	3L:-:7139594-7139562	exon=> In CDS Exon 2 of transcript AGAP010606-PA
JHU_Ag_15169	HHEETISK	AGAP010608-PA	-	46	0.000390424	2	980.474	-5.99	Head	3L:-:7147626-7147603	exon=> In CDS Exon 2 of transcript AGAP010608-PA
JHU_Ag_45622	SIILQLK	AGAP010608-PA	-	37	0.000629281	2	814.541	1.75	Salivary gland	3L:-:7146582-7146562	exon=> In CDS Exon 3 of transcript AGAP010608-PA
JHU_Ag_49222	SIILQLK	AGAP010608-PA	-	40	0.000264146	1	814.539	-1.16	Head	3L:-:7146582-7146562	exon=> In CDS Exon 3 of transcript AGAP010608-PA
JHU_Ag_59371	MNAFGDNFEQQSEVDPAAEFLAR	AGAP010608-PA	N-Term(Acetyl), M1(Oxidation)	174	3.27E-17	1	2644.165	1.03	Ovary	3L:-:7151785-7151717	exon=> In CDS Exon 1 of transcript AGAP010608-PA
JHU_Ag_67060	HHEETISK	AGAP010608-PA	-	43	0.000833347	1	980.481	1.25	Malpighian tubule	3L:-:7147626-7147603	exon=> In CDS Exon 2 of transcript AGAP010608-PA
JHU_Ag_69499	QFVAETDEIEPGTEWER	AGAP010608-PA	-	112	8.56E-11	1	2035.930	2.84	Head	3L:-:7146699-7146649	exon=> In CDS Exon 3 of transcript AGAP010608-PA
JHU_Ag_76845	QFVAETDEIEPGTEWER	AGAP010608-PA	-	121	1.07E-11	1	2035.925	0.08	Ovary	3L:-:7146699-7146649	exon=> In CDS Exon 3 of transcript AGAP010608-PA
JHU_Ag_81491	NAEKQFVAETDEIEPGTEWER	AGAP010608-PA	-	57	2.79E-05	1	2478.154	4.88	Malpighian tubule	3L:-:7146711-7146649	exon=> In CDS Exon 3 of transcript AGAP010608-PA
JHU_Ag_91795	QFVAETDEIEPGTEWER	AGAP010608-PA	-	113	6.66E-11	2	2035.931	3.38	Malpighian tubule	3L:-:7146699-7146649	exon=> In CDS Exon 3 of transcript AGAP010608-PA
JHU_Ag_107619	SIILQLK	AGAP010608-PA	-	37	0.000535605	1	814.539	-1.1	Ovary	3L:-:7146582-7146562	exon=> In CDS Exon 3 of transcript AGAP010608-PA
JHU_Ag_6237	NTSYPQSAAFAQPSGLAINR	AGAP010610-PA	-	62	1.05E-05	2	2093.045	2.07	Salivary gland	3L:+:7154239-7154298	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_30451	EQLLSSPWDVAVYSTR	AGAP010610-PA	-	43	0.000757768	2	1850.923	-2.82	Ovary	3L:+:7154002-7154049	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_34324	NTSYPQSAAFAQPSGLAINR	AGAP010610-PA	-	58	1.98E-05	1	2093.055	6.85	Malpighian tubule	3L:+:7154239-7154298	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_45247	VLIVDSAGTVLHK	AGAP010610-PA	-	75	8.80E-08	1	1351.790	-3.49	Salivary gland	3L:+:7153747-7153785	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_68769	VLIVDSAGTVLHK	AGAP010610-PA	-	34	0.001337519	2	1351.792	-2.05	Ovary	3L:+:7153747-7153785	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_69160	VPEELDSVAGEAEQGGR	AGAP010610-PA	-	55	4.50E-05	2	1742.821	1.13	Salivary gland	3L:+:7154800-7154850	exon=> In CDS Exon 2 of transcript AGAP010610-PA
JHU_Ag_90724	NTSYPQSAAFAQPSGLAINR	AGAP010610-PA	-	58	2.41E-05	1	2093.040	-0.38	Head	3L:+:7154239-7154298	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_92921	VLIVDSAGTVLHK	AGAP010610-PA	-	70	3.12E-07	2	1351.799	3.19	Malpighian tubule	3L:+:7153747-7153785	exon=> In CDS Exon 1 of transcript AGAP010610-PA

JHU_Ag_101027	RLEHLYPIEEGLAVVGVHSAK	AGAP010610-PA	-	53	2.04E-05	1	2317.273	2.89	Malpighian tubule	3L:+:7153288-7153350	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_103905	VGREQLLSSPWDVAVYSTR	AGAP010610-PA	-	73	4.98E-07	1	2163.131	5.15	Malpighian tubule	3L:+:7153993-7154049	exon=> In CDS Exon 1 of transcript AGAP010610-PA
JHU_Ag_2995	LQICCVIEDDK	AGAP010612-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	74	5.06E-07	1	1392.648	-0.97	Head	3L:-:7170745-7170713	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_3866	APAATHVHALR	AGAP010612-PA	-	47	0.000232169	1	1143.638	-0.17	Salivary gland	3L:-:7171165-7171133	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_4151	APAATHVHALR	AGAP010612-PA	-	45	0.0004534	3	1143.639	0.31	Head	3L:-:7171165-7171133	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_5939	ADLSVFDALGK	AGAP010612-PA	-	83	8.52E-08	2	1135.601	1.7	Head	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_11186	SSIILDVKPWDDETDMKEMEK	AGAP010612-PA	M16(Oxidation), M19(Oxidation)	94	6.04E-09	1	2509.184	0.19	Midgut	3L:-:7170886-7170824	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_13622	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	92	1.09E-08	2	1406.699	0.19	Midgut	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_17508	ADLSVFDALGK	AGAP010612-PA	-	68	2.90E-06	2	1135.602	1.92	Salivary gland	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_21085	WYNHIASFNAK	AGAP010612-PA	-	58	2.68E-05	1	1350.670	8.46	Ovary	3L:-:7171132-7171100	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_23836	LVPVGYGIQK	AGAP010612-PA	-	53	3.84E-05	1	1073.636	0.48	Ovary	3L:-:7170775-7170746	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_25714	SIEMDGLLWGAAK	AGAP010612-PA	-	41	0.001763701	2	1390.704	0.48	Visceras	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_26204	ELDKFLADHSYVEGYAPSK	AGAP010612-PA	-	101	1.26E-09	1	2169.051	0.6	Ovary	3L:-:7171350-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_27119	SSIILDVKPWDDETDMKEMEK	AGAP010612-PA	M16(Oxidation), M19(Oxidation)	43	0.000697786	1	2541.190	6.52	Larva	3L:-:7170886-7170824	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_28059	FLADHSYVEGYAPSK	AGAP010612-PA	-	56	3.69E-05	1	1683.808	3.89	Larva	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_29602	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	73	8.85E-07	2	1406.699	0.01	Salivary gland	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_30063	ADLSVFDALGKAPAATHVHALR	AGAP010612-PA	-	43	0.000223669	1	2260.232	5.44	Malpighian tubule	3L:-:7171198-7171133	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_33464	FLADHSYVEGYAPSK	AGAP010612-PA	-	96	3.72E-09	1	1683.806	2.66	Pupa	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_38251	FLADHSYVEGYAPSK	AGAP010612-PA	-	108	2.34E-10	1	1683.804	1.42	Visceras	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_41457	WYNHIASFNAK	AGAP010612-PA	-	65	5.62E-06	1	1350.660	0.54	Head	3L:-:7171132-7171100	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_41907	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	69	2.37E-06	2	1406.697	-0.77	Pupa	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_42288	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	80	1.71E-07	2	1406.699	0.53	Male reproductive organs	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_43142	FLADHSYVEGYAPSK	AGAP010612-PA	-	101	1.22E-09	1	1683.803	0.77	Ovary	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_43686	FLADHSYVEGYAPSK	AGAP010612-PA	-	101	1.31E-09	1	1683.804	1.64	Head	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_45560	ADLSVFDALGK	AGAP010612-PA	-	47	0.000342765	2	1135.602	2.35	Malpighian tubule	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA

JHU_Ag_49093	APAATHVHALR	AGAP010612-PA	-	92	9.12E-09	1	1143.639	1.09	Ovary	3L:-:7171165-7171133	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_49256	ELDKFLADHSYVEGYAPSK	AGAP010612-PA	-	150	1.50E-14	1	2169.042	-3.76	Male reproductive organs	3L:-:7171350-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_51559	LQICCVIEDDK	AGAP010612-PA	C4(Carbamidomethyl), C5(Carbamidomethyl)	96	3.40E-09	1	1392.652	1.4	Ovary	3L:-:7170745-7170713	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_53243	WYNHIASFNAK	AGAP010612-PA	-	53	7.52E-05	1	1350.658	-1.08	Midgut	3L:-:7171132-7171100	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_60990	ADLSVFDALGK	AGAP010612-PA	-	83	9.31E-08	2	1135.601	1.06	Ovary	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_63347	LVPVGYGIQK	AGAP010612-PA	-	36	0.001226324	1	1073.637	1.11	Midgut	3L:-:7170775-7170746	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_64623	ELDKFLADHSYVEGYAPSK	AGAP010612-PA	-	105	5.52E-10	1	2169.047	-1.51	Midgut	3L:-:7171350-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_66310	LVPVGYGIQK	AGAP010612-PA	-	32	0.004867689	1	1073.636	0.2	Visceras	3L:-:7170775-7170746	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_66500	ELDKFLADHSYVEGYAPSK	AGAP010612-PA	-	58	2.43E-05	1	2169.057	3.13	Salivary gland	3L:-:7171350-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_66907	SSIILDVKPWDDETDMKEMEK	AGAP010612-PA	M16(Oxidation), M19(Oxidation)	85	4.16E-08	1	2541.176	0.98	Male reproductive organs	3L:-:7170886-7170824	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_69371	SSIILDVKPWDDETDMKEMEK	AGAP010612-PA	M16(Oxidation), M19(Oxidation)	55	3.64E-05	1	2541.176	1.05	Salivary gland	3L:-:7170886-7170824	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_69467	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	90	1.73E-08	2	1406.699	0.1	Head	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_70661	WYNHIASFNAK	AGAP010612-PA	-	69	2.06E-06	1	1350.662	2.17	Visceras	3L:-:7171132-7171100	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_74133	FLADHSYVEGYAPSK	AGAP010612-PA	-	50	0.000167456	1	1683.801	0.04	Salivary gland	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_75219	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	89	2.27E-08	1	1406.702	2.79	Larva	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_76464	FLADHSYVEGYAPSK	AGAP010612-PA	-	91	1.28E-08	1	1683.802	0.55	Male reproductive organs	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_80942	FLADHSYVEGYAPSK	AGAP010612-PA	-	53	7.72E-05	1	1683.804	1.57	Malpighian tubule	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_81555	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	77	3.82E-07	2	1406.701	1.83	Ovary	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_84994	LAAYNAK	AGAP010612-PA	-	36	0.002450338	2	750.415	0.87	Malpighian tubule	3L:-:7170937-7170917	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_86372	ADLSVFDALGK	AGAP010612-PA	-	79	2.04E-07	2	1135.599	-0.55	Male reproductive organs	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_88203	ADLSVFDALGK	AGAP010612-PA	-	69	2.34E-06	1	1135.600	0.2	Visceras	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_95804	ELDKFLADHSYVEGYAPSK	AGAP010612-PA	-	98	2.52E-09	1	2169.051	0.51	Visceras	3L:-:7171350-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_99652	SSIILDVKPWDDETDMKEMEK	AGAP010612-PA	M16(Oxidation), M19(Oxidation)	115	4.65E-11	1	2541.174	0.11	Ovary	3L:-:7170886-7170824	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_101727	ELDKFLADHSYVEGYAPSK	AGAP010612-PA	-	121	1.46E-11	1	2169.047	-1.28	Head	3L:-:7171350-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA

JHU_Ag_102932	WYNHIASFNAK	AGAP010612-PA	-	59	2.21E-05	2	1350.644	-11.02	Malpighian tubule	3L:-:7171132-7171100	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_103030	FLADHSYVEGYAPSK	AGAP010612-PA	-	89	2.10E-08	1	1683.803	0.99	Midgut	3L:-:7171338-7171389,7170626-7171199	exon=> In CDS Exon 2 and 1 of transcript AGAP010612-PA
JHU_Ag_103908	APAATHVHALR	AGAP010612-PA	-	83	7.13E-08	2	1143.639	1.09	Male reproductive organs	3L:-:7171165-7171133	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_105406	ADLSVFDALGK	AGAP010612-PA	-	69	2.07E-06	2	1135.601	1.27	Pupa	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_107279	SIEMDGLLWGAAK	AGAP010612-PA	M4(Oxidation)	78	2.61E-07	2	1390.711	5.13	Malpighian tubule	3L:-:7170814-7170776	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_107285	APAATHVHALR	AGAP010612-PA	-	81	9.83E-08	1	1143.642	3.12	Larva	3L:-:7171165-7171133	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_108187	SSIILDVKPWDDETDMKEMEK	AGAP010612-PA	M16(Oxidation), M19(Oxidation)	39	0.001775072	1	2541.173	-0.32	Pupa	3L:-:7170886-7170824	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_112153	SSIILDVKPWDDETDMK	AGAP010612-PA	M16(Oxidation)	69	2.16E-06	1	2007.963	2.24	Head	3L:-:7170886-7170836	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_112490	ADLSVFDALGK	AGAP010612-PA	-	74	6.41E-07	2	1135.599	-0.77	Midgut	3L:-:7171198-7171166	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_116413	SSIILDVKPWDDETDMKEMEK	AGAP010612-PA	M16(Oxidation), M19(Oxidation)	60	1.26E-05	1	2541.177	1.26	Malpighian tubule	3L:-:7170886-7170824	exon=> In CDS Exon 2 of transcript AGAP010612-PA
JHU_Ag_16289	KPALIAK	AGAP010612-PA,AGAP004235-PA,AGAP004235-PC	-	44	2.35E-05	1	740.503	-0.41	Head	3L:-:7170907-7170887;2R:-:52953729-52953709;2R:-:52953729-52953709	exon=> In CDS Exon 2 of transcript AGAP010612-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_42668	KPALIAK	AGAP010612-PA,AGAP004235-PA,AGAP004235-PC	-	37	0.000145912	1	740.505	2.72	Male reproductive organs	3L:-:7170907-7170887;2R:-:52953729-52953709;2R:-:52953729-52953709	exon=> In CDS Exon 2 of transcript AGAP010612-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_51917	KPALIAK	AGAP010612-PA,AGAP004235-PA,AGAP004235-PC	-	31	0.000695168	1	740.504	0.99	Malpighian tubule	3L:-:7170907-7170887;2R:-:52953729-52953709;2R:-:52953729-52953709	exon=> In CDS Exon 2 of transcript AGAP010612-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_53906	SKKPALIAK	AGAP010612-PA,AGAP004235-PA,AGAP004235-PC	-	27	0.003804028	1	955.631	0.77	Malpighian tubule	3L:-:7170913-7170887;2R:-:52953735-52953709;2R:-:52953735-52953709	exon=> In CDS Exon 2 of transcript AGAP010612-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_82262	SKKPALIAK	AGAP010612-PA,AGAP004235-PA,AGAP004235-PC	-	29	0.002367405	1	955.632	2.11	Male reproductive organs	3L:-:7170913-7170887;2R:-:52953735-52953709;2R:-:52953735-52953709	exon=> In CDS Exon 2 of transcript AGAP010612-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC

JHU_Ag_100283	KPALIAK	AGAP010612-PA,AGAP004235-PA,AGAP004235-PC	-	42	5.62E-05	2	740.504	1.79	Ovary	3L:-:7170907-7170887;2R:-:52953729-52953709;2R:-:52953729-52953709	exon=> In CDS Exon 2 of transcript AGAP010612-PA;exon=> In CDS Exon 3 of transcript AGAP004235-PA;exon=> In CDS Exon 4 of transcript AGAP004235-PC
JHU_Ag_9331	IVNGKAVSIVK	AGAP010615-PA,AGAP010614-PA,AGAP012670-PA	N3(Deamidated)	24	0.006139316	1	1128.704	4.85	Larva	3L:+:7193928-7193960;3L:-:7192968-7192936;UNKN:-:23073477-23073445	exon=> In CDS Exon 1 of transcript AGAP010615-PA;exon=> In CDS Exon 1 of transcript AGAP010614-PA;exon=> In CDS Exon 1 of transcript AGAP012670-PA
JHU_Ag_1194	IYIPCIYLLNK	AGAP010624-PA	C5(Carbamidomethyl)	93	2.38E-09	1	1409.788	1.4	Ovary	3L:-:7363731-7363699	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_8378	YDATADDLIDVIEGNR	AGAP010624-PA	-	94	7.44E-09	2	1779.846	3.3	Male reproductive organs	3L:-:7363779-7363732	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_12308	IDQISIEELDVIYK	AGAP010624-PA	-	138	1.50E-13	1	1677.896	0.78	Ovary	3L:-:7363698-7363657	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_13799	VGIDHVLNDEDVVQIVK	AGAP010624-PA	-	86	2.40E-08	1	1892.015	1.56	Malpighian tubule	3L:-:7363229-7363179	exon=> In CDS Exon 4 of transcript AGAP010624-PA
JHU_Ag_16676	TCNLIFMVLDVLKPLTHK	AGAP010624-PA	C2(Carbamidomethyl), M7(Oxidation)	84	1.89E-08	1	2158.177	0.24	Ovary	3L:-:7364025-7363972	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_23200	IAQIESEMAR	AGAP010624-PA	M8(Oxidation)	56	4.26E-05	2	1163.572	-0.53	Ovary	3L:-:7364562-7364583,7363565-7364392	exon=> In CDS Exon 2 and 1 of transcript AGAP010624-PA
JHU_Ag_24186	VGIDHVLNDEDVVQIVK	AGAP010624-PA	-	93	4.54E-09	1	1892.018	3.05	Midgut	3L:-:7363229-7363179	exon=> In CDS Exon 4 of transcript AGAP010624-PA
JHU_Ag_27310	LLEHELEGFGLR	AGAP010624-PA	-	77	2.14E-07	1	1412.756	2.01	Malpighian tubule	3L:-:7363968-7363933	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_33688	YDATADDLIDVIEGNR	AGAP010624-PA	-	79	2.37E-07	2	1779.852	6.87	Malpighian tubule	3L:-:7363779-7363732	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_35062	GGVNLNATVAQSELDLDTVK	AGAP010624-PA	-	132	8.01E-13	1	2044.059	1.63	Ovary	3L:-:7363887-7363828	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_39630	IQLLDLPGIIEGAK	AGAP010624-PA	-	82	7.12E-09	1	1479.875	-2.04	Ovary	3L:-:7364109-7364068	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_41105	DKGGVNLNATVAQSELDLDTVK	AGAP010624-PA	-	61	8.85E-06	1	2287.178	0.16	Ovary	3L:-:7363893-7363828	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_43931	VGIDHVLNDEDVVQIVK	AGAP010624-PA	-	87	1.67E-08	1	1892.009	-1.63	Male reproductive organs	3L:-:7363229-7363179	exon=> In CDS Exon 4 of transcript AGAP010624-PA
JHU_Ag_49168	IQLLDLPGIIEGAK	AGAP010624-PA	-	42	8.18E-05	2	1479.879	0.85	Salivary gland	3L:-:7364109-7364068	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_50743	IQLLDLPGIIEGAK	AGAP010624-PA	-	74	5.08E-08	1	1479.884	4.06	Larva	3L:-:7364109-7364068	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_51545	GQLPDYSSPIVLHHEHTTVESFCNK	AGAP010624-PA	C23(Carbamidomethyl)	74	5.46E-07	1	2895.384	3.81	Ovary	3L:-:7363473-7363399	exon=> In CDS Exon 3 of transcript AGAP010624-PA
JHU_Ag_54386	VGFVGFPSVGK	AGAP010624-PA	-	58	1.35E-05	1	1093.607	2.62	Malpighian tubule	3L:-:7364247-7364215	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_61571	VGFVGFPSVGK	AGAP010624-PA	-	59	1.15E-05	1	1093.605	0.83	Ovary	3L:-:7364247-7364215	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_63172	YDATADDLIDVIEGNR	AGAP010624-PA	-	93	7.98E-09	2	1779.850	5.63	Midgut	3L:-:7363779-7363732	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_63412	IQLLDLPGIIEGAK	AGAP010624-PA	-	73	5.78E-08	2	1479.885	4.56	Male reproductive organs	3L:-:7364109-7364068	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_64479	LLEHELEGFGLR	AGAP010624-PA	-	76	2.90E-07	1	1412.757	2.44	Ovary	3L:-:7363968-7363933	exon=> In CDS Exon 2 of transcript AGAP010624-PA

JHU_Ag_70575	LLEHELEGFGLR	AGAP010624-PA	-	55	3.11E-05	1	1412.753	-0.5	Midgut	3L:-:7363968-7363933	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_74372	VGIDHVLNDEDVVQIVK	AGAP010624-PA	-	126	2.38E-12	1	1892.016	1.83	Ovary	3L:-:7363229-7363179	exon=> In CDS Exon 4 of transcript AGAP010624-PA
JHU_Ag_76706	YALVWGSSVK	AGAP010624-PA	-	51	8.22E-05	2	1109.598	-1.18	Ovary	3L:-:7363368-7363489,7363170-7363245	exon=> In CDS Exon 4 and 3 of transcript AGAP010624-PA
JHU_Ag_76874	IQLLDLPGIIEGAK	AGAP010624-PA	-	66	2.84E-07	2	1479.884	3.73	Malpighian tubule	3L:-:7364109-7364068	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_87344	GGGGASEQGFEVSK	AGAP010624-PA	-	82	1.01E-07	1	1309.603	0.66	Malpighian tubule	3L:-:7364304-7364263	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_92511	YDATADDLIDVIEGNR	AGAP010624-PA	-	102	9.71E-10	1	1779.844	2.62	Head	3L:-:7363779-7363732	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_97133	GGGGASEQGFEVSK	AGAP010624-PA	-	55	4.68E-05	2	1309.602	0.01	Male reproductive organs	3L:-:7364304-7364263	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_98198	LNKQPPNISYR	AGAP010624-PA	-	43	0.000605858	1	1329.727	-0.23	Malpighian tubule	3L:-:7363932-7363900	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_98401	LLEHELEGFGLRLNK	AGAP010624-PA	-	36	0.001255473	1	1767.980	2.64	Malpighian tubule	3L:-:7363968-7363924	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_105800	GGGGASEQGFEVSK	AGAP010624-PA	-	81	1.28E-07	1	1309.602	0.29	Ovary	3L:-:7364304-7364263	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_106115	IQLLDLPGIIEGAK	AGAP010624-PA	-	58	1.89E-06	2	1479.883	3.07	Head	3L:-:7364109-7364068	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_107316	YDATADDLIDVIEGNR	AGAP010624-PA	-	120	1.73E-11	1	1779.845	3.16	Ovary	3L:-:7363779-7363732	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_113447	VGFVGFPSVGK	AGAP010624-PA	-	60	1.10E-05	1	1093.604	-0.4	Male reproductive organs	3L:-:7364247-7364215	exon=> In CDS Exon 2 of transcript AGAP010624-PA
JHU_Ag_19000	GRQVIAVAR	AGAP010624-PA,AGAP002185-PA	-	60	2.72E-06	1	969.596	0.23	Malpighian tubule	3L:-:7364052-7364026;2R:-:17213223-17213197	exon=> In CDS Exon 2 of transcript AGAP010624-PA;exon=> In CDS Exon 2 of transcript AGAP002185-PA
JHU_Ag_30188	VVAVVDNVWQDFLTR	AGAP010625-PA	-	42	0.000847202	2	1760.935	1.22	Visceras	3L:-:7402996-7402952	exon=> In CDS Exon 2 of transcript AGAP010625-PA
JHU_Ag_9161	RGTCVNQTSCPNVR	AGAP010627-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	33	0.005972681	1	1648.763	-0.51	Pupa	3L:-:7467975-7467934	exon=> In CDS Exon 1 of transcript AGAP010627-PA
JHU_Ag_1732	NVNVNCVDSLGR	AGAP010630-PA	C6(Carbamidomethyl)	78	2.06E-07	1	1346.650	1.31	Head	3L:-:7645489-7645454	exon=> In CDS Exon 1 of transcript AGAP010630-PA
JHU_Ag_4335	VDINTAMFTPDVTPLMLAAHK	AGAP010630-PA	M16(Oxidation),"M7(Oxidation), M16(Oxidation)",M7(Oxidation)	110	1.42E-10	1	2301.162	0.06	Head	3L:-:7645194-7645132	exon=> In CDS Exon 2 of transcript AGAP010630-PA
JHU_Ag_6159	EDGGAAPAGTIIPTLSTTPATPLPSHK	AGAP010630-PA	-	142	5.05E-14	1	2600.368	4.36	Head	3L:-:7641680-7641600	exon=> In CDS Exon 8 of transcript AGAP010630-PA
JHU_Ag_13863	NFLYCCVALLR	AGAP010630-PA	C5(Carbamidomethyl), C6(Carbamidomethyl)	55	4.51E-05	1	1428.718	3.42	Head	3L:-:7644061-7644029	exon=> In CDS Exon 4 of transcript AGAP010630-PA
JHU_Ag_16454	VVAYIQQTSQISADPSTAYIAR	AGAP010630-PA	-	111	9.58E-11	1	2382.225	-2.19	Head	3L:-:7644028-7643963	exon=> In CDS Exon 4 of transcript AGAP010630-PA
JHU_Ag_16834	SSQELAIILNYDPESPPYMDGDHMK	AGAP010630-PA	M19(Oxidation), M24(Oxidation)	64	4.24E-06	1	2882.297	3.76	Head	3L:-:7644731-7644657	exon=> In CDS Exon 3 of transcript AGAP010630-PA
JHU_Ag_40785	RALQEELAR	AGAP010630-PA	-	57	1.99E-05	2	1085.600	-5.39	Head	3L:-:7644232-7644206	exon=> In CDS Exon 4 of transcript AGAP010630-PA
JHU_Ag_53602	YELLDIFEK	AGAP010630-PA	-	45	0.000313412	2	1169.612	2.32	Head	3L:-:7642953-7642927	exon=> In CDS Exon 6 of transcript AGAP010630-PA
JHU_Ag_55850	YVSAMHR	AGAP010630-PA	M5(Oxidation)	43	0.000661791	1	879.411	-3.34	Head	3L:-:7643043-7643023	exon=> In CDS Exon 6 of transcript AGAP010630-PA

JHU_Ag_55996	FLLAVER	AGAP010630-PA	-	42	0.000316403	1	847.503	-0.22	Head	3L:-:7645561-7645541	exon=> In CDS Exon 1 of transcript AGAP010630-PA
JHU_Ag_57671	NMWNFIDFSR	AGAP010630-PA	M2(Oxidation)	54	2.91E-05	2	1345.599	-0.12	Head	3L:-:7644091-7644062	exon=> In CDS Exon 4 of transcript AGAP010630-PA
JHU_Ag_60540	AVAAPRPPSPSAPPK	AGAP010630-PA	-	61	5.49E-06	1	1442.812	0.38	Head	3L:-:7641599-7641555	exon=> In CDS Exon 8 of transcript AGAP010630-PA
JHU_Ag_63855	MEQDAVTEDDINEVK	AGAP010630-PA	M1(Oxidation)	99	1.05E-09	1	1751.768	2.36	Head	3L:-:7643019-7642975	exon=> In CDS Exon 6 of transcript AGAP010630-PA
JHU_Ag_83004	SGAATPLNMLTAQLQAALSK	AGAP010630-PA	N8(Deamidated), M9(Oxidation), Q15(Deamidated)	36	0.002721962	2	2004.043	5.43	Head	3L:-:7642367-7642308	exon=> In CDS Exon 7 of transcript AGAP010630-PA
JHU_Ag_92279	HQCQNFAVELLDQSR	AGAP010630-PA	C3(Carbamidomethyl)	64	6.04E-06	1	1844.871	0.1	Head	3L:-:7644776-7644732	exon=> In CDS Exon 3 of transcript AGAP010630-PA
JHU_Ag_51463	VNQLSSR	AGAP010633-PA	Q3(Deamidated)	52	0.000173048	2	804.410	-13.92	Salivary gland	3L:+:7673887-7673907	exon=> In CDS Exon 2 of transcript AGAP010633-PA
JHU_Ag_24023	YNLEIK	AGAP010636-PA	-	39	0.00201077	1	779.432	3.3	Larva	3L:+:7770168-7770185	exon=> In CDS Exon 2 of transcript AGAP010636-PA
JHU_Ag_61485	YNLEIK	AGAP010636-PA	-	39	0.001886432	1	779.430	-0.22	Midgut	3L:+:7770168-7770185	exon=> In CDS Exon 2 of transcript AGAP010636-PA
JHU_Ag_7498	MPLDNPQLFK	AGAP010637-PA	M1(Oxidation)	55	4.84E-05	1	1218.618	-0.97	Male reproductive organs	3L:+:7797027-7797056	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_14681	LTVFHADNQHSSGLVLGDK	AGAP010637-PA	-	84	5.08E-08	1	2038.044	4.08	Male reproductive organs	3L:+:7797426-7797482	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_18424	ELNLQNNELLK	AGAP010637-PA	N3(Deamidated), N6(Deamidated), N7(Deamidated)	44	0.000671622	1	1330.688	10.77	Visceras	3L:+:7797654-7797686	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_55697	NLPNLQSFAFK	AGAP010637-PA	-	50	0.000120942	2	1278.687	2.37	Male reproductive organs	3L:+:7796784-7796816	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_68981	ITMLPEGLFIGATK	AGAP010637-PA	M3(Oxidation)	87	1.72E-08	1	1506.827	1.99	Male reproductive organs	3L:+:7797534-7797575	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_95293	FSDQISLDPQLFASLPK	AGAP010637-PA	-	82	7.50E-08	1	1905.996	0.21	Male reproductive organs	3L:+:7796943-7796993	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_95655	ELNLQNNELLK	AGAP010637-PA	-	77	1.74E-07	1	1327.726	3.08	Male reproductive organs	3L:+:7797654-7797686	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_110858	VDLSGNLLQSVPENLFR	AGAP010637-PA	-	88	1.37E-08	1	1901.020	3.96	Male reproductive organs	3L:+:7797585-7797635	exon=> In CDS Exon 1 of transcript AGAP010637-PA
JHU_Ag_43713	LFFVDNAK	AGAP010637-PA,AGAP001002-PA,AGAP000999-PA	-	39	0.001058756	1	953.508	-1.01	Male reproductive organs	3L:+:7796919-7796942;X:-:19052508-19052485;X:-:19005959-19005936	exon=> In CDS Exon 1 of transcript AGAP010637-PA;exon=> In CDS Exon 1 of transcript AGAP001002-PA;exon=> In CDS Exon 1 of transcript AGAP000999-PA
JHU_Ag_345	AGQILWIR	AGAP010638-PA	-	32	0.003053105	1	956.568	-0.11	Male reproductive organs	3L:-:7846227-7846204	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_905	ETFGSNVIPPKPPK	AGAP010638-PA	-	60	7.78E-06	1	1510.830	2.33	Head	3L:-:7849311-7849270	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_3924	KADVGFAMGIAGTDVAK	AGAP010638-PA	M8(Oxidation)	47	0.000286114	3	1666.850	1.73	Salivary gland	3L:-:7847115-7847065	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_4833	MTVVQSYICEK	AGAP010638-PA	C9(Carbamidomethyl)	32	0.00569274	2	1357.649	0.1	Head	3L:-:7848111-7848079	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_5433	YGDLLPADGILIQSNDLK	AGAP010638-PA	-	69	1.23E-06	1	1945.031	1.44	Ovary	3L:-:7848921-7848868	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_5849	GGDAVQVNIGDIVVGDICQIK	AGAP010638-PA	C18(Carbamidomethyl)	105	3.75E-10	1	2170.125	3.51	Salivary gland	3L:-:7848984-7848922	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_6218	TICIAFR	AGAP010638-PA	C3(Carbamidomethyl)	36	0.003088769	2	880.471	0.02	Ovary	3L:-:7847622-7847602	exon=> In CDS Exon 2 of transcript AGAP010638-PA

JHU_Ag_6971	KLYTSPNEGLSGSTADIDHR	AGAP010638-PA	-	33	0.008342199	3	2161.048	-2.11	Head	3L:-:7849374-7849315	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_7034	SSPTDKYNLVK	AGAP010638-PA	-	48	0.000228336	1	1251.659	0.8	Head	3L:-:7847232-7847200	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_7393	IEGEHKFSVIR	AGAP010638-PA	-	46	0.000349479	1	1314.721	3.59	Malpighian tubule	3L:-:7849017-7848985	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_10909	GASEIILKK	AGAP010638-PA	-	37	0.000731915	2	958.597	3.8	Salivary gland	3L:-:7847757-7847731	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_12596	AGQILWIR	AGAP010638-PA	-	32	0.003153129	2	956.568	0.46	Visceras	3L:-:7846227-7846204	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_12808	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	88	2.83E-08	1	1642.830	1.08	Salivary gland	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_13599	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	106	3.65E-10	1	1642.830	0.93	Head	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_13794	DEITNNSHGHPQGIR	AGAP010638-PA	N5(Deamidated),N6(Deamidated)	84	5.08E-08	1	1674.793	-1	Head	3L:-:7848621-7848577	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_14651	LYTSPNEGLSGSTADIDHR	AGAP010638-PA	-	41	0.001132139	1	2032.959	0.85	Salivary gland	3L:-:7849371-7849315	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_22625	AAGAKDEITNNSHGHPQGIR	AGAP010638-PA	-	128	2.46E-12	1	2073.027	2.35	Malpighian tubule	3L:-:7848636-7848577	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_23057	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	93	7.27E-09	1	1642.826	-1.37	Visceras	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_23161	LYTSPNEGLSGSTADIDHR	AGAP010638-PA	-	149	2.18E-14	1	2032.967	4.85	Midgut	3L:-:7849371-7849315	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_23527	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	57	2.26E-05	1	1731.903	0.51	Visceras	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_23929	EASDIILTDDNFSSIVK	AGAP010638-PA	-	66	3.14E-06	1	1866.938	2.46	Visceras	3L:-:7847064-7847014	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_25139	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	37	0.002676556	1	1731.907	2.69	Ovary	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_26801	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	54	4.58E-05	1	1731.905	1.35	Male reproductive organs	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_27003	VDESSLTGESDHVK	AGAP010638-PA	-	56	3.08E-05	2	1502.702	3.23	Malpighian tubule	3L:-:7848867-7848826	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_28790	SQTTVDSITSDDGGDEGSK	AGAP010638-PA	-	114	1.68E-11	2	1898.807	-1.6	Visceras	3L:-:7848576-7848520	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_28937	SIHSLHSLR	AGAP010638-PA	-	41	0.00072681	1	1049.588	3.03	Malpighian tubule	3L:-:7846125-7846099	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_29499	AAGAKDEITNNSHGHPQGIR	AGAP010638-PA	-	129	2.27E-12	1	2073.024	0.82	Head	3L:-:7848636-7848577	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_29794	TECALLGFVNGLGR	AGAP010638-PA	C3(Carbamidomethyl),N10(Deamidated),C3(Carbamidomethyl)	99	2.18E-09	2	1506.776	1.51	Salivary gland	3L:-:7847931-7847890	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_30197	YGDLLPADGILIQSNDLK	AGAP010638-PA	-	54	4.31E-05	1	1945.035	3.51	Larva	3L:-:7848921-7848868	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_31777	GGDAVQVNIGDIVVGDICQIK	AGAP010638-PA	C18(Carbamidomethyl)	44	0.000452341	2	2170.130	5.79	Malpighian tubule	3L:-:7848984-7848922	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_33403	KLYTSPNEGLSGSTADIDHR	AGAP010638-PA	-	99	2.18E-09	1	2161.047	-2.2	Midgut	3L:-:7849374-7849315	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_33499	AGQILWIR	AGAP010638-PA	-	33	0.002242548	2	956.569	1.29	Malpighian tubule	3L:-:7846227-7846204	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_36002	GHPESEYTEAIR	AGAP010638-PA	-	63	6.05E-06	2	1388.648	2.7	Malpighian tubule	3L:-:7846311-7846276	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_36468	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	49	0.000163369	2	1731.905	1.43	Pupa	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA

JHU_Ag_36487	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	41	0.000822243	2	1338.608	-2.07	Pupa	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_36631	EVVAVTGDGTNDGPALKK	AGAP010638-PA	-	115	3.87E-11	1	1770.931	4.1	Head	3L:-:7847166-7847113	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_38948	EASDIILTDDNFSSIVK	AGAP010638-PA	-	100	1.56E-09	2	1866.934	0.24	Midgut	3L:-:7847064-7847014	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_39030	VDESSLTGESDHVK	AGAP010638-PA	-	104	4.99E-10	1	1502.701	2.83	Salivary gland	3L:-:7848867-7848826	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_39805	EASDIILTDDNFSSIVK	AGAP010638-PA	-	71	1.07E-06	1	1866.943	5.01	Salivary gland	3L:-:7847064-7847014	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_40852	TECALLGFVNGLGR	AGAP010638-PA	C3(Carbamidomethyl)	102	1.06E-09	2	1506.777	2.4	Visceras	3L:-:7847931-7847890	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_40899	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	97	1.84E-09	1	1338.608	-1.98	Midgut	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_41753	NVYDSIAK	AGAP010638-PA	-	41	0.000897997	1	909.469	1.88	Head	3L:-:7846995-7846972	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_44361	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	51	7.73E-05	2	1338.611	0.48	Visceras	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_45111	IRDSNGDIQQHLLDK	AGAP010638-PA	-	61	9.92E-06	1	1751.909	3.37	Head	3L:-:7847307-7847263	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_45151	MTVVQSYICEK	AGAP010638-PA	C9(Carbamidomethyl),"M1(Oxidation), C9(Carbamidomethyl)"	75	3.33E-07	1	1373.643	-1	Midgut	3L:-:7848111-7848079	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_45609	LLHQVIEPMACDGLR	AGAP010638-PA	M9(Oxidation), C11(Carbamidomethyl)	45	0.000462412	1	1767.891	1.4	Salivary gland	3L:-:7847667-7847623	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_46107	TECALLGFVNGLGR	AGAP010638-PA	C3(Carbamidomethyl)	95	5.28E-09	1	1506.775	1.19	Ovary	3L:-:7847931-7847890	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_46393	SSPTDKYNLVK	AGAP010638-PA	-	60	1.50E-05	1	1251.663	3.73	Malpighian tubule	3L:-:7847232-7847200	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_46607	ADVGFAMGIAGTDVAK	AGAP010638-PA	M7(Oxidation)	126	3.89E-12	1	1538.756	2.68	Head	3L:-:7847112-7847065	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_46644	ATIDGRPAQYQITQKNLR	AGAP010638-PA	N-Term(Acetyl)	62	4.68E-06	1	2115.142	5.24	Malpighian tubule	3L:-:7849503-7849450	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_46973	SQTTVDSITSDDGGDEGSK	AGAP010638-PA	-	90	4.74E-09	1	1898.809	-0.44	Midgut	3L:-:7848576-7848520	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_47548	YGDLLPADGILIQSNDLK	AGAP010638-PA	-	67	2.22E-06	1	1945.030	1.25	Salivary gland	3L:-:7848921-7848868	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_48454	SGGGGEGGGHGGK	AGAP010638-PA	-	58	8.50E-06	2	1013.440	0.64	Head	3L:-:7848519-7848481	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_49435	GASEIILKK	AGAP010638-PA	-	65	1.26E-06	1	958.595	1.69	Malpighian tubule	3L:-:7847757-7847731	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_50962	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	90	1.29E-08	1	1731.909	3.89	Salivary gland	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_52810	YGDLLPADGILIQSNDLK	AGAP010638-PA	-	82	6.48E-08	1	1945.028	0.18	Midgut	3L:-:7848921-7848868	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_54184	LLHQVIEPMACDGLR	AGAP010638-PA	M9(Oxidation), C11(Carbamidomethyl)	70	1.61E-06	2	1767.891	1.85	Head	3L:-:7847667-7847623	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_55064	MVTGDNINTAR	AGAP010638-PA	M1(Oxidation)	63	7.90E-06	2	1207.574	0.02	Male reproductive organs	3L:-:7847418-7847386	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_55635	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	98	2.47E-09	2	1642.836	4.42	Malpighian tubule	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_55763	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	89	2.06E-08	1	1642.830	1.23	Midgut	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_55881	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	80	1.14E-07	1	1731.910	4.24	Malpighian tubule	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA

JHU_Ag_57291	HLDACETMGNATAICSDK	AGAP010638-PA	C5(Carbamidomethyl), M8(Oxidation), C15(Carbamidomethyl)	86	9.41E-09	2	2009.835	-0.79	Head	3L:-:7848189-7848136	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_59001	NESTDPIVLSGTHVMEGSGK	AGAP010638-PA	M15(Oxidation)	32	0.009654 38	1	2073.986	4.99	Head	3L:-:7848822-7848763	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_59552	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	93	5.59E-09	1	1731.907	2.41	Head	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_63534	GHPESEYTEAIR	AGAP010638-PA	-	85	3.33E-08	1	1388.638	-4.07	Head	3L:-:7846311-7846276	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_65427	MTVVQSYICEK	AGAP010638-PA	C9(Carbamidomethyl),"M 1(Oxidation), C9(Carbamidomethyl)"	61	8.80E-06	2	1373.645	1.04	Salivary gland	3L:-:7848111-7848079	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_65496	DANPEDSFTR	AGAP010638-PA	-	36	0.001799 617	2	1151.496	-0.66	Midgut	3L:-:7847871-7847842	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_65724	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	76	3.19E-07	1	1731.900	-1.46	Midgut	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_67821	CAFIYGQDGVLEK	AGAP010638-PA	C1(Carbamidomethyl)	62	8.66E-06	1	1499.723	1.83	Head	3L:-:7847730-7847692	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_72309	YGDLLPADGILIQSNDLK	AGAP010638-PA	-	95	3.42E-09	1	1945.030	1.12	Head	3L:-:7848921-7848868	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_72605	SQTTVDSITSDDGGDEGSK	AGAP010638-PA	-	124	2.66E-12	2	1898.816	3.41	Malpighian tubule	3L:-:7848576-7848520	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_74426	EASDIILTDDNFSSIVK	AGAP010638-PA	-	55	4.75E-05	2	1866.940	3.7	Pupa	3L:-:7847064-7847014	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_74471	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	83	5.71E-08	2	1338.614	2.76	Malpighian tubule	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_75007	TECALLGFVNGLGR	AGAP010638-PA	C3(Carbamidomethyl)	99	1.92E-09	2	1506.782	5.56	Head	3L:-:7847931-7847890	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_76390	GGDAVQVNIGDIVVGDICQIK	AGAP010638-PA	C18(Carbamidomethyl)	122	7.14E-12	1	2170.130	5.68	Head	3L:-:7848984-7848922	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_76664	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	40	0.000973 703	2	1338.615	2.85	Larva	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_76996	VYTFNSVR	AGAP010638-PA	-	41	0.000662 136	2	985.514	3.59	Salivary gland	3L:-:7847841-7847818	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_79462	GASEIILK	AGAP010638-PA	-	43	0.000876 705	1	830.499	0.94	Midgut	3L:-:7847757-7847734	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_80677	ADVGFAMGIAGTDVAK	AGAP010638-PA	M7(Oxidation)	91	1.36E-08	1	1538.758	4.19	Salivary gland	3L:-:7847112-7847065	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_82031	KNESTDPIVLSGTHVMEGSGK	AGAP010638-PA	M16(Oxidation),N2(Deami dated)	131	1.04E-12	1	2202.069	-0.98	Head	3L:-:7848825-7848763	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_82476	DANPEDSFTRVYTFNSVR	AGAP010638-PA	-	42	0.000993 511	1	2118.000	5.13	Malpighian tubule	3L:-:7847871-7847818	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_83391	EIMEHR	AGAP010638-PA	M3(Oxidation)	27	0.006502 316	1	830.382	-0.66	Head	3L:-:7849449-7849432	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_85532	ADVGFAMGIAGTDVAK	AGAP010638-PA	M7(Oxidation)	72	1.06E-06	1	1538.752	-0.25	Midgut	3L:-:7847112-7847065	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_88108	ATIDGRPAQYQITQK	AGAP010638-PA	N-Term(Acetyl)	81	1.10E-07	1	1731.913	6.15	Larva	3L:-:7849503-7849459	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_92570	EASDIILTDDNFSSIVK	AGAP010638-PA	-	74	5.95E-07	2	1866.940	3.77	Head	3L:-:7847064-7847014	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_92747	NESTDPIVLSGTHVMEGSGK	AGAP010638-PA	M15(Oxidation)	46	0.000412 259	1	2073.982	2.96	Salivary gland	3L:-:7848822-7848763	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_93585	GIIDSKVSASR	AGAP010638-PA	-	47	0.000210 863	2	1132.635	2.48	Malpighian tubule	3L:-:7847199-7847167	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_93866	LYTSPNEGLSGSTADIDHR	AGAP010638-PA	-	125	4.73E-12	1	2032.960	1.24	Head	3L:-:7849371-7849315	exon=> In CDS Exon 1 of transcript AGAP010638-PA

JHU_Ag_95422	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	85	3.31E-08	2	1338.611	0.2	Salivary gland	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_95445	AGQILWIR	AGAP010638-PA	-	52	3.40E-05	2	956.567	-0.18	Salivary gland	3L:-:7846227-7846204	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_96179	LYTSPNEGLSGSTADIDHR	AGAP010638-PA	-	117	3.36E-11	1	2032.962	2.57	Malpighian tubule	3L:-:7849371-7849315	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_96268	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	65	3.38E-06	2	1338.611	-0.07	Male reproductive organs	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_96634	GGDAVQVNIGDIVVGDICQIK	AGAP010638-PA	C18(Carbamidomethyl)	101	7.09E-10	2	2170.143	11.86	Visceras	3L:-:7848984-7848922	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_97071	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	76	4.08E-07	1	1642.828	-0.48	Ovary	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_97543	CGILRPQDDFLILEGK	AGAP010638-PA	C1(Carbamidomethyl)	70	9.96E-07	1	1873.988	1.93	Head	3L:-:7847370-7847323	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_99356	SQTTVDSITSDDGGDEGSK	AGAP010638-PA	-	112	2.78E-11	2	1898.805	-2.5	Salivary gland	3L:-:7848576-7848520	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_99431	SQTTVDSITSDDGGDEGSK	AGAP010638-PA	-	41	0.000361617	2	1898.800	-5.01	Ovary	3L:-:7848576-7848520	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_100174	EASDIILTDDNFSSIVK	AGAP010638-PA	-	54	5.50E-05	2	1866.936	1.67	Ovary	3L:-:7847064-7847014	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_100933	VDESSLTGESDHVK	AGAP010638-PA	-	130	1.23E-12	1	1502.701	2.99	Head	3L:-:7848867-7848826	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_103278	EASDIILTDDNFSSIVK	AGAP010638-PA	-	75	4.45E-07	2	1866.945	6.38	Malpighian tubule	3L:-:7847064-7847014	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_105171	VNEYGGVGDICR	AGAP010638-PA	C11(Carbamidomethyl)	97	1.95E-09	2	1338.611	0.3	Head	3L:-:7849410-7849375	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_105911	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	51	0.000130956	2	1642.835	3.76	Pupa	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_106457	VDESSLTGESDHVK	AGAP010638-PA	-	90	1.10E-08	1	1502.697	-0.26	Visceras	3L:-:7848867-7848826	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_107944	STLEDLEER	AGAP010638-PA	-	54	6.10E-05	2	1091.521	-0.14	Salivary gland	3L:-:7846155-7846129	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_108838	MVTGDNINTAR	AGAP010638-PA	M1(Oxidation)	65	5.49E-06	2	1191.583	3.44	Malpighian tubule	3L:-:7847418-7847386	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_111397	EVVAVTGDGTNDGPALKK	AGAP010638-PA	-	36	0.003050497	1	1770.923	-0.38	Male reproductive organs	3L:-:7847166-7847113	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_112648	GHPESEYTEAIR	AGAP010638-PA	-	47	0.000236691	2	1388.644	-0.38	Visceras	3L:-:7846311-7846276	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_112806	EVVAVTGDGTNDGPALK	AGAP010638-PA	-	74	6.29E-07	2	1642.833	2.71	Male reproductive organs	3L:-:7847166-7847116	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_113668	VDESSLTGESDHVK	AGAP010638-PA	-	91	9.44E-09	1	1502.697	0.07	Midgut	3L:-:7848867-7848826	exon=> In CDS Exon 1 of transcript AGAP010638-PA
JHU_Ag_114062	DSNGDIQQHLLDK	AGAP010638-PA	-	77	2.80E-07	1	1482.723	3.25	Head	3L:-:7847301-7847263	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_115281	EVVAVTGDGTNDGPALKK	AGAP010638-PA	-	82	7.94E-08	1	1770.927	1.9	Malpighian tubule	3L:-:7847166-7847113	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_115605	GHPESEYTEAIR	AGAP010638-PA	-	53	5.91E-05	1	1388.645	0.38	Salivary gland	3L:-:7846311-7846276	exon=> In CDS Exon 4 of transcript AGAP010638-PA
JHU_Ag_116340	TECALLGFVNGLGR	AGAP010638-PA	C3(Carbamidomethyl)	90	1.97E-08	2	1506.775	1.03	Midgut	3L:-:7847931-7847890	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_116474	MVTGDNINTAR	AGAP010638-PA	M1(Oxidation)	79	1.76E-07	2	1207.575	1.14	Head	3L:-:7847418-7847386	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_117224	CGILRPQDDFLILEGK	AGAP010638-PA	C1(Carbamidomethyl)	57	1.97E-05	2	1873.992	4.19	Midgut	3L:-:7847370-7847323	exon=> In CDS Exon 2 of transcript AGAP010638-PA
JHU_Ag_117783	ADVGFAMGIAGTDVAK	AGAP010638-PA	M7(Oxidation)	77	3.21E-07	2	1538.758	3.87	Malpighian tubule	3L:-:7847112-7847065	exon=> In CDS Exon 2 of transcript AGAP010638-PA

JHU_Ag_1245	MFSGITASLKNLGSK	AGAP010640-PA	N-Term(Acetyl)	113	4.66E-11	1	1595.854	5.05	Malpighian tubule	3L:-:7902665-7902665,7898887-7899103	exon=> In CDS Exon 2 and 1 of transcript AGAP010640-PA
JHU_Ag_3925	AEGLFDKK	AGAP010640-PA	-	41	0.000822721	1	907.489	0.18	Ovary	3L:-:7899102-7899079	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_5584	EAQDLANEK	AGAP010640-PA	-	46	0.000272971	2	1017.483	-1.67	Head	3L:-:7899072-7899046	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_8113	AQESATASAAGLLGK	AGAP010640-PA	-	75	5.48E-07	1	1374.721	-0.71	Visceras	3L:-:7898494-7898450	exon=> In CDS Exon 4 of transcript AGAP010640-PA
JHU_Ag_9245	QAAENAIAQSAVAVEQAVEEQMK	AGAP010640-PA	M22(Oxidation)	164	5.45E-16	1	2431.182	1.92	Ovary	3L:-:7898780-7898712	exon=> In CDS Exon 3 of transcript AGAP010640-PA
JHU_Ag_9333	EAQDLANEKVQAASSMAEEQAK	AGAP010640-PA	M16(Oxidation)	139	2.03E-13	1	2364.101	1.16	Malpighian tubule	3L:-:7899072-7899007	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_11233	AEGLFDK	AGAP010640-PA	-	33	0.007921281	2	779.393	-0.26	Head	3L:-:7899102-7899082	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_12727	TKSDAEALASSAAGEIDATK	AGAP010640-PA	-	46	0.000433677	1	1935.954	1.7	Malpighian tubule	3L:-:7898982-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_16220	QQAAAAAETTSQAAGTLMDHAK	AGAP010640-PA	M18(Oxidation)	143	5.72E-14	1	2188.036	2.65	Head	3L:-:7898922-7899128,7898601-7898781	exon=> In CDS Exon 3 and 2 of transcript AGAP010640-PA
JHU_Ag_19635	MFSGITASLK	AGAP010640-PA	N-Term(Acetyl)	52	6.14E-05	2	1096.570	-0.82	Visceras	3L:-:7902665-7902665,7898887-7899118	exon=> In CDS Exon 2 and 1 of transcript AGAP010640-PA
JHU_Ag_22408	TKSDAEALASSAAGEIDATK	AGAP010640-PA	-	115	5.87E-11	1	1935.950	-0.15	Male reproductive organs	3L:-:7898982-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_22848	SDAEALASSAAGEIDATK	AGAP010640-PA	-	117	3.39E-11	2	1706.811	1.94	Malpighian tubule	3L:-:7898976-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_28160	MFSGITASLK	AGAP010640-PA	N-Term(Acetyl), M1(Oxidation)	70	1.20E-06	2	1112.569	3	Malpighian tubule	3L:-:7902665-7902665,7898887-7899118	exon=> In CDS Exon 2 and 1 of transcript AGAP010640-PA
JHU_Ag_36366	QAAENAIAQSAVAVEQAVEEQMK	AGAP010640-PA	M22(Oxidation)	70	1.55E-06	1	2431.176	-0.57	Visceras	3L:-:7898780-7898712	exon=> In CDS Exon 3 of transcript AGAP010640-PA
JHU_Ag_39873	AQESATASAAGLLGKLNLGK	AGAP010640-PA	-	97	6.52E-10	2	1900.057	3.95	Malpighian tubule	3L:-:7898494-7898435	exon=> In CDS Exon 4 of transcript AGAP010640-PA
JHU_Ag_40078	ASEEVDRK	AGAP010640-PA	-	47	0.000326457	2	933.464	0.48	Ovary	3L:-:7898675-7898652	exon=> In CDS Exon 3 of transcript AGAP010640-PA
JHU_Ag_40720	TKSDAEALASSAAGEIDATK	AGAP010640-PA	-	141	1.15E-13	1	1935.952	0.67	Visceras	3L:-:7898982-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_41725	AQESATASAAGLLGK	AGAP010640-PA	-	130	1.71E-12	1	1374.724	1.1	Ovary	3L:-:7898494-7898450	exon=> In CDS Exon 4 of transcript AGAP010640-PA
JHU_Ag_42376	ASEEVDRK	AGAP010640-PA	-	43	0.000916873	2	933.463	-0.31	Malpighian tubule	3L:-:7898675-7898652	exon=> In CDS Exon 3 of transcript AGAP010640-PA
JHU_Ag_42381	MFSGITASLK	AGAP010640-PA	N-Term(Acetyl), M1(Oxidation)	56	2.28E-05	2	1112.566	0.37	Ovary	3L:-:7902665-7902665,7898887-7899118	exon=> In CDS Exon 2 and 1 of transcript AGAP010640-PA
JHU_Ag_43229	MFSGITASLK	AGAP010640-PA	N-Term(Acetyl), M1(Oxidation)	64	3.74E-06	2	1112.566	0.69	Male reproductive organs	3L:-:7902665-7902665,7898887-7899118	exon=> In CDS Exon 2 and 1 of transcript AGAP010640-PA
JHU_Ag_44864	QQAAAAAETTSQAAGTLMDHAK	AGAP010640-PA	M18(Oxidation)	83	6.30E-08	1	2188.031	0.56	Male reproductive organs	3L:-:7898922-7899128,7898601-7898781	exon=> In CDS Exon 3 and 2 of transcript AGAP010640-PA
JHU_Ag_45543	SDAEALASSAAGEIDATK	AGAP010640-PA	-	147	3.43E-14	2	1706.809	0.51	Head	3L:-:7898976-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_48197	TKSDAEALASSAAGEIDATK	AGAP010640-PA	-	149	2.17E-14	1	1935.947	-1.73	Head	3L:-:7898982-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA

JHU_Ag_49730	MFSGITASLKNLGSK	AGAP010640-PA	N-Term(Acetyl), M1(Oxidation)	89	1.44E-08	1	1611.850	5.5	Malpighian tubule	3L:-:7902665-7902665,7898887-7899103	exon=> In CDS Exon 2 and 1 of transcript AGAP010640-PA
JHU_Ag_57956	AQESATASAAGLLGK	AGAP010640-PA	-	96	3.50E-09	2	1374.727	3.05	Malpighian tubule	3L:-:7898494-7898450	exon=> In CDS Exon 4 of transcript AGAP010640-PA
JHU_Ag_59215	AQESATASAAGLLGK	AGAP010640-PA	-	111	1.29E-10	2	1374.722	0.04	Male reproductive organs	3L:-:7898494-7898450	exon=> In CDS Exon 4 of transcript AGAP010640-PA
JHU_Ag_60029	QQAAAAAETTSQAAGTLMDHAK	AGAP010640-PA	M18(Oxidation)	139	1.65E-13	1	2188.031	0.48	Ovary	3L:-:7898922-7899128,7898601-7898781	exon=> In CDS Exon 3 and 2 of transcript AGAP010640-PA
JHU_Ag_65921	RASEEVDR	AGAP010640-PA	-	41	0.001106 95	2	961.465	-5.17	Head	3L:-:7898678-7898655	exon=> In CDS Exon 3 of transcript AGAP010640-PA
JHU_Ag_69131	TKSDAEALASSAAGEIDATK	AGAP010640-PA	-	56	3.91E-05	1	1935.950	-0.48	Salivary gland	3L:-:7898982-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_69245	SDAEALASSAAGEIDATK	AGAP010640-PA	-	135	5.16E-13	1	1706.806	-1.2	Ovary	3L:-:7898976-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_71201	KTQESFSK	AGAP010640-PA	-	39	0.001328 377	2	954.489	-0.64	Male reproductive organs	3L:-:7899006-7898983	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_73497	QQAAAAAETTSQAAGTLMDHAK	AGAP010640-PA	-	78	2.32E-07	1	2172.037	0.78	Visceras	3L:-:7898922-7899128,7898601-7898781	exon=> In CDS Exon 3 and 2 of transcript AGAP010640-PA
JHU_Ag_74660	TKSDAEALASSAAGEIDATK	AGAP010640-PA	-	86	4.54E-08	1	1935.950	-0.57	Ovary	3L:-:7898982-7898923	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_78329	AQESATASAAGLLGK	AGAP010640-PA	-	88	2.59E-08	2	1374.724	0.83	Salivary gland	3L:-:7898494-7898450	exon=> In CDS Exon 4 of transcript AGAP010640-PA
JHU_Ag_79061	VQAASSMAEEQAK	AGAP010640-PA	M7(Oxidation)	65	3.89E-06	2	1365.631	-0.2	Male reproductive organs	3L:-:7899045-7899007	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_82767	ASEEVDRK	AGAP010640-PA	-	46	0.000471 313	1	933.462	-1.61	Head	3L:-:7898675-7898652	exon=> In CDS Exon 3 of transcript AGAP010640-PA
JHU_Ag_83292	AQESATASAAGLLGK	AGAP010640-PA	-	97	3.19E-09	2	1374.724	1.28	Head	3L:-:7898494-7898450	exon=> In CDS Exon 4 of transcript AGAP010640-PA
JHU_Ag_93049	VQAASSMAEEQAK	AGAP010640-PA	M7(Oxidation)	102	8.34E-10	1	1365.635	2.39	Head	3L:-:7899045-7899007	exon=> In CDS Exon 2 of transcript AGAP010640-PA
JHU_Ag_95334	QAAENAIAQSAVAVEQAVEEQMK	AGAP010640-PA	M22(Oxidation)	128	2.53E-12	1	2431.182	1.92	Head	3L:-:7898780-7898712	exon=> In CDS Exon 3 of transcript AGAP010640-PA
JHU_Ag_95721	QQAAAAAETTSQAAGTLMDHAK	AGAP010640-PA	-	126	3.53E-12	1	2172.041	2.8	Malpighian tubule	3L:-:7898922-7899128,7898601-7898781	exon=> In CDS Exon 3 and 2 of transcript AGAP010640-PA
JHU_Ag_105699	MFSGITASLK	AGAP010640-PA	N-Term(Acetyl)	72	6.80E-07	2	1096.574	2.52	Malpighian tubule	3L:-:7902665-7902665,7898887-7899118	exon=> In CDS Exon 2 and 1 of transcript AGAP010640-PA
JHU_Ag_15916	NEVQLK	AGAP010641-PA	N1(Deamidated), Q4(Deamidated)	33	0.007955 018	1	732.377	-0.67	Ovary	3L:-:7911225-7911208	exon=> In CDS Exon 2 of transcript AGAP010641-PA
JHU_Ag_90680	VPIANNTAPLPSPSPAK	AGAP010641-PA	-	63	3.39E-06	2	1673.924	0.87	Salivary gland	3L:-:7910055-7910005	exon=> In CDS Exon 3 of transcript AGAP010641-PA
JHU_Ag_1072	ELIIK	AGAP010643-PA	-	34	0.001493 801	1	615.407	-0.64	Midgut	3L:+:7930462-7930476	exon=> In CDS Exon 2 of transcript AGAP010643-PA
JHU_Ag_9998	LLITCLVPYQLPAEER	AGAP010643-PA	C5(Carbamidomethyl)	43	0.000394 629	2	1915.046	5.28	Head	3L:+:7931185-7931232	exon=> In CDS Exon 2 of transcript AGAP010643-PA
JHU_Ag_42593	GDITYPAGCRPINEDLGQDELIRR	AGAP010643-PA	N-Term(Acetyl), C9(Carbamidomethyl)	44	0.000598 561	1	2800.381	4.35	Malpighian tubule	3L:+:7929757-7929828	exon=> In CDS Exon 1 of transcript AGAP010643-PA
JHU_Ag_61526	DLTPTVLK	AGAP010643-PA	-	31	0.008365 002	1	886.518	-6.79	Ovary	3L:+:7931362-7931385	exon=> In CDS Exon 2 of transcript AGAP010643-PA
JHU_Ag_76455	LLITCLVPYQLPAEER	AGAP010643-PA	C5(Carbamidomethyl)	30	0.007834 587	1	1915.038	1.33	Ovary	3L:+:7931185-7931232	exon=> In CDS Exon 2 of transcript AGAP010643-PA

JHU_Ag_93604	LSAGKAMLK	AGAP010643-PA	M7(Oxidation)	31	0.00562146	2	934.531	-8.85	Head	3L:+:7932520-7932546	exon=> In CDS Exon 2 of transcript AGAP010643-PA
JHU_Ag_111906	FYDIAVPIR	AGAP010643-PA	-	36	0.002232663	2	1093.604	-0.38	Ovary	3L:+:7930771-7930797	exon=> In CDS Exon 2 of transcript AGAP010643-PA
JHU_Ag_1463	SGSFVHDIVLAEEHWNPTVPELR	AGAP010644-PA	-	117	2.54E-11	1	2632.325	3.43	Malpighian tubule	3L:+:7937719-7937787	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_7095	LSQQDLPIER	AGAP010644-PA	-	56	2.41E-05	2	1198.642	-0.86	Pupa	3L:+:7937812-7937841	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_13065	IGHFAYNILENR	AGAP010644-PA	-	55	4.91E-05	1	1446.747	-0.96	Pupa	3L:+:7938112-7938147	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_23169	EQIPSVAAQNNGQVTVYR	AGAP010644-PA	-	35	0.005371201	2	1974.007	1.46	Ovary	3L:+:7937899-7937952	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_23468	EQIPSVAAQNNGQVTVYR	AGAP010644-PA	N11(Deamidated)	101	1.44E-09	1	1974.988	-0.15	Midgut	3L:+:7937899-7937952	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_28695	IGHFAYNILENR	AGAP010644-PA	-	103	8.34E-10	1	1446.752	1.99	Malpighian tubule	3L:+:7938112-7938147	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_39393	LDVSSELALEMFHDNPFKR	AGAP010644-PA	-	67	3.39E-06	1	2248.105	-0.95	Midgut	3L:+:7937842-7937898	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_43310	LSQQDLPIER	AGAP010644-PA	-	65	2.80E-06	1	1198.642	-0.86	Male reproductive organs	3L:+:7937812-7937841	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_48856	VGEHVDISK	AGAP010644-PA	-	64	3.37E-06	2	983.515	-0.57	Pupa	3L:+:7937953-7937979	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_53494	SGSFVHDIVLAEEHWNPTVPELR	AGAP010644-PA	-	96	3.48E-09	1	2632.326	4.05	Pupa	3L:+:7937719-7937787	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_61768	MQGVALPAVLR	AGAP010644-PA	M1(Oxidation)	64	3.61E-06	2	1170.667	0.32	Midgut	3L:+:7938079-7938111	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_61991	SGSFVHDIVLAEEHWNPTVPELR	AGAP010644-PA	-	105	3.77E-10	1	2632.332	6.35	Ovary	3L:+:7937719-7937787	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_66533	EQIPSVAAQNNGQVTVYR	AGAP010644-PA	Q13(Deamidated),N11(Deamidated)	60	1.75E-05	2	1974.990	0.84	Pupa	3L:+:7937899-7937952	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_71094	YLGLPHDTTLVMNR	AGAP010644-PA	M12(Oxidation)	45	0.00050876	1	1645.837	0.45	Midgut	3L:+:7937259-7937300	exon=> In CDS Exon 2 of transcript AGAP010644-PA
JHU_Ag_78645	MQGVALPAVLR	AGAP010644-PA	M1(Oxidation)	68	1.16E-06	2	1170.665	-1.03	Ovary	3L:+:7938079-7938111	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_88745	VGEHVDISK	AGAP010644-PA	-	41	0.000620881	2	983.514	-1.56	Midgut	3L:+:7937953-7937979	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_91788	SGSFVHDIVLAEEHWNPTVPELR	AGAP010644-PA	-	126	3.25E-12	1	2632.313	-0.96	Midgut	3L:+:7937719-7937787	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_117640	GPMMGSTGLLGR	AGAP010644-PA	M3(Oxidation), M4(Oxidation)	54	6.49E-05	1	1208.575	-0.97	Ovary	3L:+:7937980-7938015	exon=> In CDS Exon 4 of transcript AGAP010644-PA
JHU_Ag_5495	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	55	2.76E-05	2	1272.732	0.79	Ovary	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_6020	DFQLLGTEQCGGYQCDK	AGAP010645-PA,AGAP012577-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	92	4.76E-09	1	2018.867	4.23	Larva	3L:+:7940054-7940069,7940201-7940235;UNKN:-:17208641-17208946,17208237-17208460	exon=> In CDS Exon 2 and 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012577-PA
JHU_Ag_9095	DFQLLGTEQCGGYQCDK	AGAP010645-PA,AGAP012577-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	120	6.31E-12	2	2018.860	0.6	Midgut	3L:+:7940054-7940069,7940201-7940235;UNKN:-:17208641-17208946,17208237-17208460	exon=> In CDS Exon 2 and 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012577-PA

JHU_Ag_17290	LAPVTTQNQMNK	AGAP010645-PA,AGAP012577-PA	M10(Oxidation)	68	2.80E-06	2	1360.690	0.83	Male reproductive organs	3L:+:7939946-7939981;UNKN:-:17208749-17208714	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_22322	LAPVTTQNQMNK	AGAP010645-PA,AGAP012577-PA	-	37	0.003320242	2	1344.695	0.41	Pupa	3L:+:7939946-7939981;UNKN:-:17208749-17208714	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_22381	RNVYTLWVR	AGAP010645-PA,AGAP012577-PA	-	39	0.000860695	2	1206.676	1.32	Malpighian tubule	3L:+:7940266-7940292;UNKN:-:17208429-17208403	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_24117	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	67	1.70E-06	1	1272.735	2.8	Pupa	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_32416	LAPVTTQNQMNK	AGAP010645-PA,AGAP012577-PA	M10(Oxidation)	89	2.21E-08	1	1360.690	1.1	Head	3L:+:7939946-7939981;UNKN:-:17208749-17208714	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_35061	NVYTLWVR	AGAP010645-PA,AGAP012577-PA	-	43	0.000413677	1	1050.574	0.86	Pupa	3L:+:7940269-7940292;UNKN:-:17208426-17208403	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_37304	NVYTLWVR	AGAP010645-PA,AGAP012577-PA	-	40	0.000842973	1	1050.575	2.21	Larva	3L:+:7940269-7940292;UNKN:-:17208426-17208403	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_38513	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	74	3.07E-07	2	1272.731	-0.08	Midgut	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_41401	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	75	2.28E-07	1	1272.736	3.66	Larva	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_43151	FGLTEVIGQK	AGAP010645-PA,AGAP012577-PA	-	36	0.002194659	2	1091.612	2.64	Midgut	3L:+:7940236-7940265;UNKN:-:17208459-17208430	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_44278	TYQLTK	AGAP010645-PA,AGAP012577-PA	-	36	0.001352223	1	753.417	3.95	Male reproductive organs	3L:+:7939901-7939918;UNKN:-:17208794-17208777	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_49687	NVYTLWVR	AGAP010645-PA,AGAP012577-PA	-	46	0.000196379	2	1050.576	2.72	Malpighian tubule	3L:+:7940269-7940292;UNKN:-:17208426-17208403	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_49951	LAPVTTQNQMNK	AGAP010645-PA,AGAP012577-PA	M10(Oxidation)	50	0.000160145	2	1360.694	3.97	Larva	3L:+:7939946-7939981;UNKN:-:17208749-17208714	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_50036	FGLTEVIGQKR	AGAP010645-PA,AGAP012577-PA	-	60	5.79E-06	1	1247.711	0.02	Male reproductive organs	3L:+:7940236-7940268;UNKN:-:17208459-17208427	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA

JHU_Ag_63112	FGLTEVIGQK	AGAP010645-PA,AGAP012577-PA	-	47	0.000150441	2	1091.612	2.19	Malpighian tubule	3L:+:7940236-7940265;UNKN:-:17208459-17208430	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_64345	NVYTLWVR	AGAP010645-PA,AGAP012577-PA	-	50	0.000117849	2	1050.573	-0.42	Male reproductive organs	3L:+:7940269-7940292;UNKN:-:17208426-17208403	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_67037	FGLTEVIGQK	AGAP010645-PA,AGAP012577-PA	-	35	0.003233 22	2	1091.610	-0.04	Visceras	3L:+:7940236-7940265;UNKN:-:17208459-17208430	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_70766	FGLTEVIGQK	AGAP010645-PA,AGAP012577-PA	-	57	1.96E-05	2	1091.609	-0.94	Male reproductive organs	3L:+:7940236-7940265;UNKN:-:17208459-17208430	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_74782	FGLTEVIGQKR	AGAP010645-PA,AGAP012577-PA	-	76	1.38E-07	1	1247.709	-1.54	Midgut	3L:+:7940236-7940268;UNKN:-:17208459-17208427	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_75267	SRVDYYGGMVK	AGAP010645-PA,AGAP012577-PA	-	34	0.006674168	1	1274.620	-0.12	Head	3L:+:7939868-7939900;UNKN:-:17208827-17208795	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_77507	DFQLLGTEQCGGYQCDK	AGAP010645-PA,AGAP012577-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	116	1.59E-11	1	2018.857	-0.61	Head	3L:+:7940054-7940069,7940201-7940235;UNKN:-:17208641-17208946,17208237-17208460	exon=> In CDS Exon 2 and 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012577-PA
JHU_Ag_87711	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	47	0.000168 69	2	1272.730	-0.75	Visceras	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_92214	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	64	2.76E-06	1	1272.736	3.76	Male reproductive organs	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_94537	FGLTEVIGQK	AGAP010645-PA,AGAP012577-PA	-	58	1.24E-05	2	1091.614	4.32	Larva	3L:+:7940236-7940265;UNKN:-:17208459-17208430	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_98621	DFQLLGTEQCGGYQCDK	AGAP010645-PA,AGAP012577-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	93	2.78E-09	2	2018.850	-3.99	Male reproductive organs	3L:+:7940054-7940069,7940201-7940235;UNKN:-:17208641-17208946,17208237-17208460	exon=> In CDS Exon 2 and 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012577-PA
JHU_Ag_104099	DFQLLGTEQCGGYQCDK	AGAP010645-PA,AGAP012577-PA	C10(Carbamidomethyl), C15(Carbamidomethyl)	77	1.46E-07	1	2018.867	4.17	Pupa	3L:+:7940054-7940069,7940201-7940235;UNKN:-:17208641-17208946,17208237-17208460	exon=> In CDS Exon 2 and 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012577-PA

JHU_Ag_107170	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	44	0.000337361	2	1272.733	1.17	Salivary gland	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_109604	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	59	1.01E-05	1	1272.732	0.69	Head	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_112224	MPIPVR	AGAP010645-PA,AGAP012577-PA	M1(Oxidation)	32	0.003575 64	1	728.411	-1.93	Male reproductive organs	3L:+:7940326-7940343;UNKN:-:17208369-17208352	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_112746	IDVQGILPYVR	AGAP010645-PA,AGAP012577-PA	-	58	1.04E-05	1	1272.735	2.99	Malpighian tubule	3L:+:7940021-7940053;UNKN:-:17208674-17208642	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_113911	FGLTEVIGQK	AGAP010645-PA,AGAP012577-PA	-	65	2.80E-06	2	1091.609	-0.6	Pupa	3L:+:7940236-7940265;UNKN:-:17208459-17208430	exon=> In CDS Exon 3 of transcript AGAP010645-PA;exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_114702	LAPVTTQNQMNK	AGAP010645-PA,AGAP012577-PA	M10(Oxidation)	89	2.21E-08	1	1360.688	-0.61	Midgut	3L:+:7939946-7939981;UNKN:-:17208749-17208714	exon=> In CDS Exon 2 of transcript AGAP010645-PA;exon=> In CDS Exon 2 of transcript AGAP012577-PA
JHU_Ag_98201	LSPTAYVTDAECVR	AGAP010647-PA	C12(Carbamidomethyl)	69	2.14E-06	1	1581.769	7.37	Salivary gland	3L:-:7954629-7954588	exon=> In CDS Exon 1 of transcript AGAP010647-PA
JHU_Ag_114224	MYLEPDEEQR	AGAP010653-PA	M1(Oxidation)	34	0.003254027	2	1325.580	8.97	Pupa	3L:-:8020825-8020796	exon=> In CDS Exon 2 of transcript AGAP010653-PA
JHU_Ag_53850	SILEEKLLQK	AGAP010655-PA	Q9(Deamidated)	29	0.010523405	1	1201.694	-8.42	Head	3L:-:8081810-8081781	exon=> In CDS Exon 3 of transcript AGAP010655-PA
JHU_Ag_18460	EEEQRR	AGAP010656-PA	Q4(Deamidated)	34	0.004268801	2	847.391	0.52	Head	3L:+:8097625-8097642	exon=> In CDS Exon 5 of transcript AGAP010656-PA
JHU_Ag_28773	TLAFILPMFR	AGAP010656-PA	M8(Oxidation)	37	0.001180832	1	1224.682	0.76	Ovary	3L:+:8098435-8098464	exon=> In CDS Exon 5 of transcript AGAP010656-PA
JHU_Ag_61052	DEEEPVVETNEQVFR	AGAP010656-PA	-	76	3.46E-07	2	1819.842	4.21	Head	3L:+:8099944-8099988	exon=> In CDS Exon 8 of transcript AGAP010656-PA
JHU_Ag_62316	GATQQAAEAILK	AGAP010656-PA	-	57	2.77E-05	2	1200.658	0.03	Ovary	3L:+:8099818-8099853	exon=> In CDS Exon 8 of transcript AGAP010656-PA
JHU_Ag_75821	HEQQNNPPPAPAPPVPSVTHSDK	AGAP010656-PA	-	34	0.006288347	1	2444.191	-1.87	Head	3L:+:8099683-8099751	exon=> In CDS Exon 8 of transcript AGAP010656-PA
JHU_Ag_91562	ASSSGVTIITGVAK	AGAP010656-PA	-	61	6.22E-06	2	1290.727	0.24	Ovary	3L:+:8097949-8097990	exon=> In CDS Exon 5 of transcript AGAP010656-PA
JHU_Ag_113340	ALELSGGTVPEDLR	AGAP010656-PA	-	42	0.000790 03	1	1456.767	1.88	Ovary	3L:+:8099377-8099418	exon=> In CDS Exon 8 of transcript AGAP010656-PA
JHU_Ag_6190	YADKDFLFK	AGAP010657-PA	-	39	0.002553325	1	1146.590	6.41	Salivary gland	3L:-:8115952-8116045,8115755-8115860	exon=> In CDS Exon 2 and 1 of transcript AGAP010657-PA
JHU_Ag_8874	NIHLPLQFEEYFPYTK	AGAP010657-PA	-	58	2.13E-05	1	2039.033	2.68	Salivary gland	3L:-:8115832-8115785	exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_9580	NIHLPLQFEEYFPYTK	AGAP010657-PA	-	104	5.23E-10	1	2039.037	4.81	Larva	3L:-:8115832-8115785	exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_10388	GELFSIYNQEYMK	AGAP010657-PA	M12(Oxidation)	95	4.06E-09	1	1637.759	4.62	Larva	3L:-:8103110-8103072	exon=> In CDS Exon 3 of transcript AGAP010657-PA
JHU_Ag_19108	YVNFQEVVEFFNYYK	AGAP010657-PA	-	100	1.58E-09	2	1988.955	6.01	Larva	3L:-:8115760-8115882,8102799-8103129	exon=> In CDS Exon 3 and 2 of transcript AGAP010657-PA

JHU_Ag_65444	YADKDFLFK	AGAP010657-PA	-	69	2.20E-06	1	1146.583	-0.19	Pupa	3L:-:8115952-8116045,8115755-8115860	exon=> In CDS Exon 2 and 1 of transcript AGAP010657-PA
JHU_Ag_73183	FGFVSNGK	AGAP010657-PA	N6(Deamidated)	64	2.75E-06	2	856.420	-0.09	Pupa	3L:-:8102825-8102802	exon=> In CDS Exon 3 of transcript AGAP010657-PA
JHU_Ag_79875	GFVLPAVYEIYPYYFFNTDLIHSVTFR	AGAP010657-PA	-	58	1.12E-05	1	3271.675	7.65	Larva	3L:-:8102924-8102844	exon=> In CDS Exon 3 of transcript AGAP010657-PA
JHU_Ag_81073	ENVNEGMFVHAITMAVFHHPQLK	AGAP010657-PA	M7(Oxidation), M14(Oxidation)	131	1.31E-12	1	2681.309	4.87	Larva	3L:-:8102993-8102925	exon=> In CDS Exon 3 of transcript AGAP010657-PA
JHU_Ag_83489	ENVNEGMFVHAITMAVFHHPQLK	AGAP010657-PA	M7(Oxidation), M14(Oxidation),N2(Deamidated),M14(Oxidation),M7(Oxidation)	130	1.46E-12	1	2649.314	2.95	Pupa	3L:-:8102993-8102925	exon=> In CDS Exon 3 of transcript AGAP010657-PA
JHU_Ag_95991	YVNFQEVVEFFNYYK	AGAP010657-PA	-	46	0.000419591	1	1988.948	2.35	Pupa	3L:-:8115760-8115882,8102799-8103129	exon=> In CDS Exon 3 and 2 of transcript AGAP010657-PA
JHU_Ag_102849	YADKDFLFK	AGAP010657-PA	-	49	0.000257584	2	1146.587	3.11	Larva	3L:-:8115952-8116045,8115755-8115860	exon=> In CDS Exon 2 and 1 of transcript AGAP010657-PA
JHU_Ag_107782	NIHLPLQFEEYFPYTK	AGAP010657-PA	Q7(Deamidated),N1(Deamidated)	106	3.39E-10	1	2039.031	1.96	Pupa	3L:-:8115832-8115785	exon=> In CDS Exon 2 of transcript AGAP010657-PA
JHU_Ag_112143	GELFSIYNQEYMK	AGAP010657-PA	M12(Oxidation)	91	1.05E-08	1	1637.754	1.49	Pupa	3L:-:8103110-8103072	exon=> In CDS Exon 3 of transcript AGAP010657-PA
JHU_Ag_113516	YVNFQEVVEFFNYYK	AGAP010657-PA	-	54	6.89E-05	3	1988.951	3.82	Salivary gland	3L:-:8115760-8115882,8102799-8103129	exon=> In CDS Exon 3 and 2 of transcript AGAP010657-PA
JHU_Ag_27794	ALDPNYGFYANK	AGAP010658-PA	-	54	5.68E-05	2	1372.653	-0.52	Pupa	3L:-:8120866-8120831	exon=> In CDS Exon 3 of transcript AGAP010658-PA
JHU_Ag_50541	ANLNEGMFLSALTLSVLHR	AGAP010658-PA	M7(Oxidation)	90	9.13E-09	2	2102.116	4.7	Larva	3L:-:8121019-8120963	exon=> In CDS Exon 3 of transcript AGAP010658-PA
JHU_Ag_94524	FFFEILR	AGAP010658-PA	-	47	0.000227226	2	971.538	3.01	Larva	3L:-:8121365-8121345	exon=> In CDS Exon 2 of transcript AGAP010658-PA
JHU_Ag_100200	FFFEILR	AGAP010658-PA	-	35	0.002602359	2	971.537	1.95	Pupa	3L:-:8121365-8121345	exon=> In CDS Exon 2 of transcript AGAP010658-PA
JHU_Ag_114603	ALDPNYGFYANKR	AGAP010658-PA	-	95	5.07E-09	1	1528.755	0.46	Pupa	3L:-:8120866-8120828	exon=> In CDS Exon 3 of transcript AGAP010658-PA
JHU_Ag_38012	LLLTVYTSIR	AGAP010663-PA	-	29	0.001243723	1	1178.724	8.43	Salivary gland	3L:-:8163418-8163389	exon=> In CDS Exon 1 of transcript AGAP010663-PA
JHU_Ag_56131	LLLTVYTSIR	AGAP010663-PA	-	29	0.001243723	1	1178.728	11.77	Male reproductive organs	3L:-:8163418-8163389	exon=> In CDS Exon 1 of transcript AGAP010663-PA
JHU_Ag_58772	LLLTVYTSIR	AGAP010663-PA	-	24	0.003653622	1	1178.728	11.46	Malpighian tubule	3L:-:8163418-8163389	exon=> In CDS Exon 1 of transcript AGAP010663-PA
JHU_Ag_78429	LLLTVYTSIR	AGAP010663-PA	-	29	0.001243723	1	1178.726	9.83	Pupa	3L:-:8163418-8163389	exon=> In CDS Exon 1 of transcript AGAP010663-PA
JHU_Ag_95165	LLLTVYTSIR	AGAP010663-PA	-	29	0.001243723	1	1178.728	11.38	Head	3L:-:8163418-8163389	exon=> In CDS Exon 1 of transcript AGAP010663-PA
JHU_Ag_111203	LLLTVYTSIR	AGAP010663-PA	-	29	0.001302338	1	1178.725	9.13	Visceras	3L:-:8163418-8163389	exon=> In CDS Exon 1 of transcript AGAP010663-PA
JHU_Ag_6352	ELAVQTYELIQK	AGAP010670-PA	-	41	0.000738379	2	1434.783	-0.38	Ovary	3L:-:8201054-8201019	exon=> In CDS Exon 1 of transcript AGAP010670-PA
JHU_Ag_38555	TLAYALPLIER	AGAP010670-PA	-	32	0.002746527	2	1259.736	-0.26	Ovary	3L:-:8201156-8201124	exon=> In CDS Exon 1 of transcript AGAP010670-PA
JHU_Ag_69351	AVLVIPDIYNR	AGAP010671-PA	-	39	0.000913684	1	1272.731	-0.08	Ovary	3L:+:8204397-8204429	exon=> In CDS Exon 1 of transcript AGAP010671-PA
JHU_Ag_4550	RPQSPHLTIYSFQLTSMLSITHR	AGAP010672-PA	-	64	2.77E-06	1	2713.425	0.31	Midgut	3L:+:8206678-8206746	exon=> In CDS Exon 2 of transcript AGAP010672-PA

JHU_Ag_16260	HLFWDMGK	AGAP010672-PA	M6(Oxidation)	35	0.004124978	1	1049.488	0.22	Head	3L:+:8206924-8206947	exon=> In CDS Exon 2 of transcript AGAP010672-PA
JHU_Ag_45538	FTMAYPFAYHTVNGVR	AGAP010672-PA	M3(Oxidation), N13(Deamidated)	84	6.00E-08	1	1890.888	1.84	Malpighian tubule	3L:+:8206876-8206923	exon=> In CDS Exon 2 of transcript AGAP010672-PA
JHU_Ag_51047	HLFWDMGK	AGAP010672-PA	M6(Oxidation)	39	0.001271807	1	1049.477	-10.18	Malpighian tubule	3L:+:8206924-8206947	exon=> In CDS Exon 2 of transcript AGAP010672-PA
JHU_Ag_70695	FTMAYPFAYHTVNGVR	AGAP010672-PA	M3(Oxidation)	91	1.36E-08	1	1889.898	-1.26	Visceras	3L:+:8206876-8206923	exon=> In CDS Exon 2 of transcript AGAP010672-PA
JHU_Ag_71522	FTMAYPFAYHTVNGVR	AGAP010672-PA	M3(Oxidation)	96	4.23E-09	1	1889.902	1.07	Head	3L:+:8206876-8206923	exon=> In CDS Exon 2 of transcript AGAP010672-PA
JHU_Ag_87261	FTMAYPFAYHTVNGVR	AGAP010672-PA	M3(Oxidation), N13(Deamidated),M3(Oxidation),N13(Deamidated)	106	3.96E-10	1	1874.886	-1.84	Midgut	3L:+:8206876-8206923	exon=> In CDS Exon 2 of transcript AGAP010672-PA
JHU_Ag_89674	HLFWDMGK	AGAP010672-PA	M6(Oxidation)	41	0.000894742	1	1049.485	-2.57	Midgut	3L:+:8206924-8206947	exon=> In CDS Exon 2 of transcript AGAP010672-PA
JHU_Ag_8379	LEILSLSGNR	AGAP010675-PA	-	53	6.61E-05	2	1101.629	2.74	Head	3L:+:8274308-8274337	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_15379	EGIETPVANPNVR	AGAP010675-PA	-	76	3.50E-07	1	1395.724	0.67	Head	3L:+:8274692-8274730	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_17353	ELPIDDTIELGR	AGAP010675-PA	-	33	0.006745079	2	1370.718	1.41	Head	3L:+:8274338-8274373	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_26639	EGIETPVANPNVR	AGAP010675-PA	-	39	0.001679847	1	1395.725	1.81	Malpighian tubule	3L:+:8274692-8274730	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_27439	LYASDNQISQVIVHQTR	AGAP010675-PA	-	51	0.000110481	1	1972.023	-0.97	Malpighian tubule	3L:+:8274179-8274229	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_37967	EGIETPVANPNVR	AGAP010675-PA	-	35	0.003928889	2	1395.725	1.37	Pupa	3L:+:8274692-8274730	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_42375	ELDVLQLTK	AGAP010675-PA	Q6(Deamidated)	39	0.001933315	2	1059.590	-3.42	Head	3L:+:8274578-8274604	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_45658	LYASDNQISQVIVHQTR	AGAP010675-PA	-	119	2.00E-11	1	1972.025	0.18	Head	3L:+:8274179-8274229	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_49781	IPAELLNAFPNLR	AGAP010675-PA	-	93	2.36E-09	1	1467.834	1.2	Head	3L:+:8274080-8274118	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_85407	LEILSLSGNR	AGAP010675-PA	-	50	0.000127029	2	1101.626	-0.69	Male reproductive organs	3L:+:8274308-8274337	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_93672	LEILSLSGNRELPIDDTIELGR	AGAP010675-PA	-	98	8.65E-10	1	2453.333	3.34	Malpighian tubule	3L:+:8274308-8274373	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_98681	IPAELLNAFPNLR	AGAP010675-PA	-	46	0.000127279	2	1467.833	0.7	Visceras	3L:+:8274080-8274118	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_111722	LAYNQLRELDVLQLTK	AGAP010675-PA	-	66	6.65E-07	1	1917.087	3.38	Malpighian tubule	3L:+:8274557-8274604	exon=> In CDS Exon 1 of transcript AGAP010675-PA
JHU_Ag_29126	LLQLIR	AGAP010676-PA	Q3(Deamidated)	35	0.001800085	1	756.498	-0.05	Male reproductive organs	3L:-:8279141-8279124	exon=> In CDS Exon 3 of transcript AGAP010676-PA
JHU_Ag_30100	LLQLIR	AGAP010676-PA	Q3(Deamidated)	43	0.000256031	1	756.500	2.44	Malpighian tubule	3L:-:8279141-8279124	exon=> In CDS Exon 3 of transcript AGAP010676-PA
JHU_Ag_63761	LLQLIR	AGAP010676-PA	Q3(Deamidated)	43	0.000254855	1	756.498	0.26	Ovary	3L:-:8279141-8279124	exon=> In CDS Exon 3 of transcript AGAP010676-PA
JHU_Ag_72376	LLQLIR	AGAP010676-PA	Q3(Deamidated)	32	0.003142628	2	756.498	0.66	Pupa	3L:-:8279141-8279124	exon=> In CDS Exon 3 of transcript AGAP010676-PA
JHU_Ag_83748	LLQLIR	AGAP010676-PA	Q3(Deamidated)	43	0.000106518	2	756.497	-1.03	Head	3L:-:8279141-8279124	exon=> In CDS Exon 3 of transcript AGAP010676-PA
JHU_Ag_85449	LLQLIR	AGAP010676-PA	Q3(Deamidated)	43	0.000252518	2	756.499	1.79	Larva	3L:-:8279141-8279124	exon=> In CDS Exon 3 of transcript AGAP010676-PA
JHU_Ag_103177	LLQLIR	AGAP010676-PA	Q3(Deamidated)	35	0.000750624	1	756.497	-0.61	Midgut	3L:-:8279141-8279124	exon=> In CDS Exon 3 of transcript AGAP010676-PA

JHU_Ag_6518	TPLQHFLGMTEEDYDHAAVAGSSTSALR	AGAP010677-PA	M9(Oxidation)	133	5.95E-13	1	3020.398	-2.53	Head	3L:+:8333249-8333332	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_9439	LQEQVLPILDLMSTMASPHVSK	AGAP010677-PA	M12(Oxidation), M15(Oxidation)	39	0.001223159	1	2469.278	2.12	Head	3L:+:8333579-8333644	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_14921	SGFWGWR	AGAP010677-PA	-	45	0.000327531	2	895.423	2.47	Head	3L:+:8333102-8333122	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_15388	VTCVIDDACFEAPSGYGVR	AGAP010677-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	81	1.00E-07	1	2115.950	1.07	Head	3L:+:8333882-8333938	exon=> In CDS Exon 4 of transcript AGAP010677-PA
JHU_Ag_29567	DFITMQLPSGFPVK	AGAP010677-PA	M5(Oxidation)	47	0.000253934	1	1595.811	-1.67	Head	3L:+:8333651-8333692	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_47704	IDTTLLGFDNNTWQR	AGAP010677-PA	-	78	3.06E-07	2	1793.889	4.01	Head	3L:+:8332838-8332882	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_53930	TRNEHLGSEQAR	AGAP010677-PA	-	42	0.000733686	1	1397.691	2.25	Ovary	3L:+:8333198-8333233	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_58329	NIEDENIDGIRPSR	AGAP010677-PA	-	54	6.21E-05	1	1627.805	1.12	Head	3L:+:8332979-8333020	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_67815	VSHVPQLLQHLQDTPDFYIEMK	AGAP010677-PA	M21(Oxidation)	88	1.81E-08	1	2654.334	1.98	Head	3L:+:8332685-8332750	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_88326	TRNEHLGSEQAR	AGAP010677-PA	-	56	3.12E-05	1	1397.692	2.48	Malpighian tubule	3L:+:8333198-8333233	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_95679	ANIWLSEEFPIK	AGAP010677-PA	-	72	8.59E-07	2	1446.766	2.32	Head	3L:+:8333543-8333578	exon=> In CDS Exon 3 of transcript AGAP010677-PA
JHU_Ag_30848	YADSELGK	AGAP010679-PA	-	40	0.0009946	2	882.421	0.37	Ovary	3L:+:8341408-8341426,8341510-8341514	exon=> In CDS Exon 1 and 2 of transcript AGAP010679-PA
JHU_Ag_36061	LTAMSAQDEDLK	AGAP010679-PA	M4(Oxidation)	103	6.89E-10	1	1337.625	-0.63	Ovary	3L:+:8341584-8341619	exon=> In CDS Exon 2 of transcript AGAP010679-PA
JHU_Ag_41362	GESVCIDR	AGAP010679-PA	C5(Carbamidomethyl)	50	0.00011274	1	935.424	-1.37	Ovary	3L:+:8341515-8341538	exon=> In CDS Exon 2 of transcript AGAP010679-PA
JHU_Ag_110976	SMPQLDAAQQAK	AGAP010679-PA	N-Term(Acetyl), M2(Oxidation)	85	3.76E-08	1	1345.640	-0.95	Ovary	3L:+:8341279-8341314	exon=> In CDS Exon 1 of transcript AGAP010679-PA
JHU_Ag_111229	YADSELGKGESVCIDR	AGAP010679-PA	C13(Carbamidomethyl)	58	1.86E-05	1	1798.825	-1.4	Midgut	3L:+:8341408-8341426,8341510-8341538	exon=> In CDS Exon 1 and 2 of transcript AGAP010679-PA
JHU_Ag_112203	SMPQLDAAQQAK	AGAP010679-PA	N-Term(Acetyl), M2(Oxidation)	70	1.08E-06	2	1345.645	2.31	Malpighian tubule	3L:+:8341279-8341314	exon=> In CDS Exon 1 of transcript AGAP010679-PA
JHU_Ag_115625	LTAMSAQDEDLKK	AGAP010679-PA	M4(Oxidation)	41	0.001167585	1	1465.723	1.67	Ovary	3L:+:8341584-8341622	exon=> In CDS Exon 2 of transcript AGAP010679-PA
JHU_Ag_3250	LPQEDIDEVAK	AGAP010681-PA	-	42	0.000670729	2	1256.638	0.74	Pupa	3L:-:8347530-8347498	exon=> In CDS Exon 2 of transcript AGAP010681-PA
JHU_Ag_10055	IGFLFDHPELNLPR	AGAP010681-PA	-	55	3.55E-05	1	1667.893	1.53	Pupa	3L:-:8347032-8347245,8346830-8346926	exon=> In CDS Exon 4 and 3 of transcript AGAP010681-PA
JHU_Ag_13141	IGFLFDHPELNLPR	AGAP010681-PA	-	60	9.69E-06	1	1667.894	2.19	Malpighian tubule	3L:-:8347032-8347245,8346830-8346926	exon=> In CDS Exon 4 and 3 of transcript AGAP010681-PA
JHU_Ag_13825	LPQEDIDEVAK	AGAP010681-PA	-	82	6.78E-08	1	1256.637	-0.14	Ovary	3L:-:8347530-8347498	exon=> In CDS Exon 2 of transcript AGAP010681-PA
JHU_Ag_21703	LPQEDIDEVAK	AGAP010681-PA	-	63	5.79E-06	1	1256.638	0.54	Head	3L:-:8347530-8347498	exon=> In CDS Exon 2 of transcript AGAP010681-PA
JHU_Ag_27458	NETVLDGTEYYDIVHSR	AGAP010681-PA	-	31	0.010255086	1	2010.943	1.47	Head	3L:-:8347164-8347114	exon=> In CDS Exon 3 of transcript AGAP010681-PA
JHU_Ag_27598	IGFLFDHPELNLPR	AGAP010681-PA	-	66	2.52E-06	1	1667.893	1.53	Head	3L:-:8347032-8347245,8346830-8346926	exon=> In CDS Exon 4 and 3 of transcript AGAP010681-PA

JHU_Ag_32654	VELMLNELVAGGR	AGAP010681-PA	M4(Oxidation)	106	3.62E-10	1	1416.751	-0.25	Ovary	3L:-:8348571-8348533	exon=> In CDS Exon 1 of transcript AGAP010681-PA
JHU_Ag_42167	NETVLDGTEYYDIVHSR	AGAP010681-PA	-	38	0.002061259	1	2010.944	1.65	Ovary	3L:-:8347164-8347114	exon=> In CDS Exon 3 of transcript AGAP010681-PA
JHU_Ag_46223	IGFLFDHPELNLPR	AGAP010681-PA	-	79	1.56E-07	1	1667.888	-1.76	Ovary	3L:-:8347032-8347245,8346830-8346926	exon=> In CDS Exon 4 and 3 of transcript AGAP010681-PA
JHU_Ag_59473	KFQLSEVAALQR	AGAP010681-PA	-	79	7.37E-08	2	1389.786	0.45	Pupa	3L:-:8348637-8348602	exon=> In CDS Exon 1 of transcript AGAP010681-PA
JHU_Ag_60015	FQLSEVAALQR	AGAP010681-PA	-	43	0.000514224	2	1261.690	0.3	Head	3L:-:8348634-8348602	exon=> In CDS Exon 1 of transcript AGAP010681-PA
JHU_Ag_67203	DHVIVMGDSLGDAGMASGVPSSSHILK	AGAP010681-PA	M6(Oxidation), M15(Oxidation)	115	4.17E-11	1	2712.295	-0.71	Head	3L:-:8347113-8347033	exon=> In CDS Exon 3 of transcript AGAP010681-PA
JHU_Ag_67992	LPQEDIDEVAKR	AGAP010681-PA	-	70	1.12E-06	1	1412.738	-0.33	Pupa	3L:-:8347530-8347495	exon=> In CDS Exon 2 of transcript AGAP010681-PA
JHU_Ag_73368	KFQLSEVAALQR	AGAP010681-PA	-	52	3.33E-05	2	1389.794	6.69	Salivary gland	3L:-:8348637-8348602	exon=> In CDS Exon 1 of transcript AGAP010681-PA
JHU_Ag_82205	NETVLDGTEYYDIVHSR	AGAP010681-PA	-	103	6.26E-10	2	2010.940	-0.2	Pupa	3L:-:8347164-8347114	exon=> In CDS Exon 3 of transcript AGAP010681-PA
JHU_Ag_85813	IGFLFDHPELNLPR	AGAP010681-PA	-	66	2.64E-06	1	1667.893	1.53	Visceras	3L:-:8347032-8347245,8346830-8346926	exon=> In CDS Exon 4 and 3 of transcript AGAP010681-PA
JHU_Ag_95446	NETVLDGTEYYDIVHSR	AGAP010681-PA	-	97	2.32E-09	2	2010.938	-1.11	Visceras	3L:-:8347164-8347114	exon=> In CDS Exon 3 of transcript AGAP010681-PA
JHU_Ag_96122	IGFLFDHPELNLPR	AGAP010681-PA	-	48	0.000176636	1	1667.889	-0.99	Male reproductive organs	3L:-:8347032-8347245,8346830-8346926	exon=> In CDS Exon 4 and 3 of transcript AGAP010681-PA
JHU_Ag_113142	IGFLFDHPELNLPR	AGAP010681-PA	-	37	0.001957598	1	1667.897	3.95	Larva	3L:-:8347032-8347245,8346830-8346926	exon=> In CDS Exon 4 and 3 of transcript AGAP010681-PA
JHU_Ag_11726	RLLELPLLEEYR	AGAP010682-PA	-	33	0.001895761	1	1543.891	4.62	Malpighian tubule	3L:-:8350185-8350150	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_25195	RVFVYGTLK	AGAP010682-PA	-	33	0.002214178	2	1082.636	0.05	Head	3L:-:8350527-8350501	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_29128	RLLELPLLEEYR	AGAP010682-PA	-	32	0.002279206	2	1543.892	4.83	Midgut	3L:-:8350185-8350150	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_34409	VFVYGTLKR	AGAP010682-PA	-	41	0.000287891	1	1082.637	1.56	Malpighian tubule	3L:-:8350524-8350498	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_50260	VFVYGTLK	AGAP010682-PA	-	32	0.003566776	1	926.534	-0.14	Midgut	3L:-:8350524-8350501	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_55877	LDVLEDYPQLYDR	AGAP010682-PA	-	51	0.000157389	2	1638.800	-0.87	Midgut	3L:-:8350302-8350264	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_60526	VFVYGTLK	AGAP010682-PA	-	45	0.000138607	1	926.538	4.08	Malpighian tubule	3L:-:8350524-8350501	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_63403	RVFVYGTLK	AGAP010682-PA	-	35	0.001140849	1	1082.638	1.75	Malpighian tubule	3L:-:8350527-8350501	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_104732	RGEPNHHWLTDAANGQAR	AGAP010682-PA	-	57	3.75E-05	1	2029.976	2.69	Malpighian tubule	3L:-:8350500-8350447	exon=> In CDS Exon 1 of transcript AGAP010682-PA
JHU_Ag_56818	LAVATIDDTVR	AGAP010685-PA	-	43	0.000735983	2	1173.647	-0.57	Midgut	3L:-:8357675-8357643	exon=> In CDS Exon 2 of transcript AGAP010685-PA
JHU_Ag_112350	LAVATIDDTVR	AGAP010685-PA	-	52	8.12E-05	1	1173.650	1.83	Ovary	3L:-:8357675-8357643	exon=> In CDS Exon 2 of transcript AGAP010685-PA
JHU_Ag_99585	VLKQER	AGAP010686-PA	Q4(Deamidated)	42	0.00146133	2	773.451	-0.99	Male reproductive organs	3L:-:8362410-8362393	exon=> In CDS Exon 5 of transcript AGAP010686-PA
JHU_Ag_117406	VLKQER	AGAP010686-PA	Q4(Deamidated)	39	0.002971099	1	773.453	1.85	Ovary	3L:-:8362410-8362393	exon=> In CDS Exon 5 of transcript AGAP010686-PA

JHU_Ag_52804	SLLQSNPEGIQQAVER	AGAP010687-PA	-	69	1.69E-06	2	1768.920	0.75	Midgut	3L:+:8398864-8398911	exon=> In CDS Exon 10 of transcript AGAP010687-PA
JHU_Ag_98096	EHLGLLEPDPK	AGAP010687-PA	-	39	0.001793604	2	1247.663	-0.16	Midgut	3L:+:8398666-8398698	exon=> In CDS Exon 10 of transcript AGAP010687-PA
JHU_Ag_50742	IPIEAFYLLLK	AGAP010690-PA	-	28	0.001254351	1	1319.803	3.99	Salivary gland	3L:-:8607072-8607040	exon=> In CDS Exon 2 of transcript AGAP010690-PA
JHU_Ag_68936	IPIEAFYLLLK	AGAP010690-PA	-	85	3.42E-09	1	1319.798	0.66	Ovary	3L:-:8607072-8607040	exon=> In CDS Exon 2 of transcript AGAP010690-PA
JHU_Ag_79171	LSFEQAGLLLKPDYDEK	AGAP010690-PA	-	44	0.000399386	1	1966.019	0.97	Ovary	3L:-:8607583-8607533	exon=> In CDS Exon 1 of transcript AGAP010690-PA
JHU_Ag_1652	GVVDSEDIPLNLSR	AGAP010691-PA	-	103	6.16E-10	1	1513.791	3.6	Visceras	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_9103	IVIHLK	AGAP010691-PA	-	31	0.000266147	1	722.496	4.57	Ovary	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_9637	QAEGQKDIYYLAAPNR	AGAP010691-PA	-	56	3.35E-05	2	1836.933	4.81	Malpighian tubule	3L:+:8610021-8610068	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_10796	GVVDSEDIPLNLSR	AGAP010691-PA	-	115	3.95E-11	1	1513.789	2.06	Malpighian tubule	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_12166	GVVDSEDIPLNLSR	AGAP010691-PA	-	97	2.80E-09	1	1513.789	1.9	Salivary gland	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_13033	TQIDELLPWLK	AGAP010691-PA	-	52	3.40E-05	2	1355.765	5.86	Salivary gland	3L:+:8610282-8610314	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_13865	GVVDSEDIPLNLSR	AGAP010691-PA	-	96	3.62E-09	1	1513.786	0.05	Midgut	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_15488	IVIHLK	AGAP010691-PA	-	29	0.000352469	2	722.494	1.87	Male reproductive organs	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_16804	TQSHNISEENR	AGAP010691-PA	-	37	0.002129638	2	1314.607	2.97	Ovary	3L:+:8610423-8610455	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_23697	EGIVTSQEQQEKEEIAK	AGAP010691-PA	-	48	0.000269276	1	1945.966	-2.87	Midgut	3L:+:8609904-8609954	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_24225	FVGNTFDTPR	AGAP010691-PA	-	79	2.03E-07	1	1153.565	1.54	Malpighian tubule	3L:+:8609505-8609534	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_26271	ELVSNASDALEK	AGAP010691-PA	-	69	2.42E-06	2	1275.644	1.05	Visceras	3L:+:8608851-8608886	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_31577	TLAEASPYYESLK	AGAP010691-PA	-	52	8.03E-05	2	1471.731	-0.45	Midgut	3L:+:8610069-8610107	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_40708	ALLYFPEGKPGLFEMSR	AGAP010691-PA	M15(Oxidation)	52	7.55E-05	1	1971.016	5.58	Malpighian tubule	3L:+:8609577-8609627	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_42766	GVVDSEDIPLNLSR	AGAP010691-PA	-	101	9.11E-10	1	1513.788	1.34	Male reproductive organs	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_43896	YSNFVGSPIFLNGK	AGAP010691-PA	-	38	0.001971983	1	1542.799	2.57	Ovary	3L:+:8609385-8609426	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_49525	LTSSDPELAELLAK	AGAP010691-PA	-	49	0.000190305	1	1486.802	1.22	Malpighian tubule	3L:+:8610602-8610643	exon=> In CDS Exon 2 of transcript AGAP010691-PA
JHU_Ag_53266	IVIHLK	AGAP010691-PA	-	34	0.000126801	2	722.493	1.36	Salivary gland	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_54198	EGIVTSQEQQEKEEIAK	AGAP010691-PA	-	43	0.000883072	1	1945.978	3.15	Malpighian tubule	3L:+:8609904-8609954	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_54493	DELVANLGTIAR	AGAP010691-PA	-	53	5.47E-05	2	1271.699	2.61	Malpighian tubule	3L:+:8609040-8609075	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_57093	AVGTSDKHEFQAETR	AGAP010691-PA	-	111	1.45E-10	1	1675.808	2.87	Malpighian tubule	3L:+:8608749-8608793	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_57553	ELLQNSALIR	AGAP010691-PA	-	71	6.41E-07	2	1156.673	4.12	Malpighian tubule	3L:+:8609763-8609792	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_57948	FTLHYKTDVPLSIR	AGAP010691-PA	-	79	8.19E-08	1	1689.941	5	Malpighian tubule	3L:+:8609535-8609576	exon=> In CDS Exon 1 of transcript AGAP010691-PA

JHU_Ag_58042	IVIHLK	AGAP010691-PA	-	39	3.75E-05	1	722.491	-2.1	Pupa	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_61971	ELVSNASDALEK	AGAP010691-PA	-	65	5.98E-06	2	1275.644	0.76	Salivary gland	3L:+:8608851-8608886	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_62966	IVIHLK	AGAP010691-PA	-	29	0.000342075	1	722.493	0.51	Visceras	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_64186	GVVDSEDIPLNLSR	AGAP010691-PA	-	115	4.03E-11	1	1513.794	5.45	Larva	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_71036	GVVDSEDIPLNLSR	AGAP010691-PA	-	115	3.81E-11	1	1513.789	2.31	Pupa	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_72448	TQIDELLPWLK	AGAP010691-PA	-	62	3.98E-06	2	1355.760	2.26	Visceras	3L:+:8610282-8610314	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_75159	DADGGVALYTRK	AGAP010691-PA	-	34	0.004933245	1	1265.653	3.46	Malpighian tubule	3L:+:8609628-8609663	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_76443	YALLQPQFEINPK	AGAP010691-PA	-	38	0.001749606	2	1560.844	1.31	Midgut	3L:+:8610456-8610493,8610574-8610574	exon=> In CDS Exon 1 and 2 of transcript AGAP010691-PA
JHU_Ag_81788	ELVSNASDALEK	AGAP010691-PA	-	68	3.13E-06	2	1275.643	0.09	Head	3L:+:8608851-8608886	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_84319	ELVSNASDALEKFR	AGAP010691-PA	-	48	0.000223633	1	1578.820	4.8	Malpighian tubule	3L:+:8608851-8608892	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_84555	DIYYLAAPNR	AGAP010691-PA	-	46	0.000352108	2	1195.610	-0.19	Ovary	3L:+:8610039-8610068	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_85062	IVIHLK	AGAP010691-PA	-	40	3.21E-05	2	722.494	2.37	Larva	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_87413	FVGNTFDTPR	AGAP010691-PA	-	73	8.06E-07	2	1153.565	1.22	Salivary gland	3L:+:8609505-8609534	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_89173	YALLQPQFEINPK	AGAP010691-PA	-	37	0.001936156	1	1560.845	1.86	Ovary	3L:+:8610456-8610493,8610574-8610574	exon=> In CDS Exon 1 and 2 of transcript AGAP010691-PA
JHU_Ag_92372	MLLDIVAR	AGAP010691-PA	M1(Oxidation)	47	0.000162742	2	946.544	5	Ovary	3L:+:8608794-8608817	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_93533	DIYYLAAPNR	AGAP010691-PA	-	41	0.001109986	1	1195.595	-13.26	Malpighian tubule	3L:+:8610039-8610068	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_95322	LTSSDPELAELLAK	AGAP010691-PA	-	62	9.11E-06	1	1486.808	5.08	Visceras	3L:+:8610602-8610643	exon=> In CDS Exon 2 of transcript AGAP010691-PA
JHU_Ag_96897	IVIHLK	AGAP010691-PA	-	46	7.80E-06	2	722.496	5.08	Malpighian tubule	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_97747	DADGGVALYTR	AGAP010691-PA	-	62	9.50E-06	2	1137.558	3.96	Malpighian tubule	3L:+:8609628-8609660	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_98040	GVVDSEDIPLNLSR	AGAP010691-PA	-	104	4.55E-10	1	1513.789	1.98	Ovary	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_101082	QVTPEQHNEFYR	AGAP010691-PA	-	49	0.00016954	1	1547.725	0.65	Malpighian tubule	3L:+:8609469-8609504	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_101584	YSNFVGSPIFLNGK	AGAP010691-PA	-	67	2.30E-06	2	1542.804	5.81	Malpighian tubule	3L:+:8609385-8609426	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_103774	IVIHLK	AGAP010691-PA	-	39	3.79E-05	1	722.491	-2.36	Head	3L:+:8609313-8609330	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_104115	GVVDSEDIPLNLSR	AGAP010691-PA	-	98	1.99E-09	1	1513.790	2.79	Head	3L:+:8609721-8609762	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_109434	ELVSNASDALEK	AGAP010691-PA	-	55	5.52E-05	2	1275.645	1.43	Malpighian tubule	3L:+:8608851-8608886	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_111830	TLAEASPYYESLKK	AGAP010691-PA	-	38	0.002051341	1	1599.842	9.58	Malpighian tubule	3L:+:8610069-8610110	exon=> In CDS Exon 1 of transcript AGAP010691-PA
JHU_Ag_11105	VTIFDLK	AGAP010693-PA	-	31	0.003243844	2	835.493	0.8	Midgut	3L:+:8624637-8624657	exon=> In CDS Exon 2 of transcript AGAP010693-PA

JHU_Ag_36828	GNLLFTPDGYSVISPVGNR	AGAP010693-PA	-	106	3.04E-10	1	2006.038	2.06	Ovary	3L:+:8624580-8624636	exon=> In CDS Exon 2 of transcript AGAP010693-PA
JHU_Ag_38661	EQIAGGVEDTIEK	AGAP010693-PA	-	38	0.002357 84	2	1388.689	-1.03	Ovary	3L:+:8625284-8625322	exon=> In CDS Exon 3 of transcript AGAP010693-PA
JHU_Ag_47623	EAILLK	AGAP010693-PA	-	28	0.003685 008	1	686.445	0.3	Larva	3L:+:8626696-8626713	exon=> In CDS Exon 5 of transcript AGAP010693-PA
JHU_Ag_60743	EAILLK	AGAP010693-PA	-	31	0.001821 539	1	686.444	-1.21	Pupa	3L:+:8626696-8626713	exon=> In CDS Exon 5 of transcript AGAP010693-PA
JHU_Ag_64847	EAILLK	AGAP010693-PA	-	28	0.003702 017	1	686.444	-1.3	Head	3L:+:8626696-8626713	exon=> In CDS Exon 5 of transcript AGAP010693-PA
JHU_Ag_82637	EAILLK	AGAP010693-PA	-	34	0.000923 503	1	686.444	-0.5	Midgut	3L:+:8626696-8626713	exon=> In CDS Exon 5 of transcript AGAP010693-PA
JHU_Ag_99586	GIVFDPFQLSTEVTPR	AGAP010693-PA	-	81	9.60E-08	2	1805.951	4.45	Ovary	3L:+:8630000-8630047	exon=> In CDS Exon 6 of transcript AGAP010693-PA
JHU_Ag_103577	EAILLK	AGAP010693-PA	-	28	0.003254 157	1	686.445	0.21	Visceras	3L:+:8626696-8626713	exon=> In CDS Exon 5 of transcript AGAP010693-PA
JHU_Ag_110475	EAILLKK	AGAP010693-PA	-	29	0.003249 712	2	814.539	-0.89	Ovary	3L:+:8626696-8626716	exon=> In CDS Exon 5 of transcript AGAP010693-PA
JHU_Ag_56933	VALNFFAR	AGAP010696-PA	-	55	1.95E-05	1	937.527	1.41	Salivary gland	3L:+:8702225-8702248	exon=> In CDS Exon 3 of transcript AGAP010696-PA
JHU_Ag_69628	GHLVVTSSTAGLIGAPNSGTYTGAK	AGAP010696-PA	-	75	4.04E-07	1	2359.229	1.4	Head	3L:+:8702261-8702335	exon=> In CDS Exon 3 of transcript AGAP010696-PA
JHU_Ag_79789	VALNFFAR	AGAP010696-PA	-	48	0.000105 034	2	937.526	0.43	Pupa	3L:+:8702225-8702248	exon=> In CDS Exon 3 of transcript AGAP010696-PA
JHU_Ag_15605	LPLPLAGAAGQQGQSAGK	AGAP010697-PA	-	74	1.94E-07	2	1663.922	5.77	Head	3L:-:8706844-8706791	exon=> In CDS Exon 6 of transcript AGAP010697-PA
JHU_Ag_54606	LPVFVATVQYAAQQEQILLGYGTEHSVR	AGAP010698-PA	-	99	7.63E-10	1	3117.645	2.66	Ovary	3L:+:8715805-8715888	exon=> In CDS Exon 1 of transcript AGAP010698-PA
JHU_Ag_266	LGFDKENVYEELR	AGAP010700-PA	-	87	3.46E-08	1	1611.809	4.43	Ovary	3L:+:8726459-8726497	exon=> In CDS Exon 3 of transcript AGAP010700-PA
JHU_Ag_11251	SFTLDTDNLENR	AGAP010700-PA	-	81	1.05E-07	2	1424.665	0.13	Ovary	3L:+:8725551-8725586	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_13311	KANYAVDAYFK	AGAP010700-PA	-	54	6.47E-05	2	1289.652	-0.46	Ovary	3L:+:8725677-8725709	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_14250	DSEITDEDIDAILQKGEEK	AGAP010700-PA	-	101	1.25E-09	1	2148.014	-2.41	Ovary	3L:+:8725443-8725499	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_17206	TEQEEDEELLAETNQK	AGAP010700-PA	-	69	1.51E-06	2	1905.856	0.03	Head	3L:+:8723883-8723930	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_18278	TGGGNAAAGGGTVGAGGGGAQK	AGAP010700-PA	-	81	1.04E-07	2	1672.806	3.93	Malpighian tubule	3L:+:8726654-8726719	exon=> In CDS Exon 3 of transcript AGAP010700-PA
JHU_Ag_20905	DSEITDEDIDAILQK	AGAP010700-PA	-	105	4.71E-10	1	1704.820	1.32	Ovary	3L:+:8725443-8725487	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_26098	STLQNWVNEFGR	AGAP010700-PA	-	71	1.09E-06	2	1450.711	2.13	Head	3L:+:8724162-8724197	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_37860	TGGGNAAAGGGTVGAGGGGAQK	AGAP010700-PA	-	52	8.37E-05	2	1672.802	1.38	Ovary	3L:+:8726654-8726719	exon=> In CDS Exon 3 of transcript AGAP010700-PA
JHU_Ag_40479	IDEAEPLTEEELVEK	AGAP010700-PA	-	83	8.18E-08	2	1743.857	2.24	Head	3L:+:8725923-8725967	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_47699	AVCLIGDQETR	AGAP010700-PA	C3(Carbamidomethyl)	49	0.000240 462	2	1261.623	1.61	Ovary	3L:+:8724216-8724248	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_48069	RFEFLLK	AGAP010700-PA	-	35	0.001017 452	2	952.563	1.09	Head	3L:+:8723736-8723756	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_48198	KTEQEEDEELLAETNQK	AGAP010700-PA	-	44	0.000649 887	1	2033.955	1.82	Ovary	3L:+:8723880-8723930	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_55240	LSEILR	AGAP010700-PA	-	34	0.003849 015	2	730.446	0.06	Pupa	3L:+:8724405-8724422	exon=> In CDS Exon 2 of transcript AGAP010700-PA

JHU_Ag_56100	LHAVLKPFLLR	AGAP010700-PA	-	36	8.75E-05	1	1306.837	0.65	Ovary	3L:+:8724597-8724629	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_56756	FDWFLK	AGAP010700-PA	-	36	0.002157463	2	855.439	-1.07	Head	3L:+:8726528-8726545	exon=> In CDS Exon 3 of transcript AGAP010700-PA
JHU_Ag_56994	TLQTISLLGYLK	AGAP010700-PA	-	81	1.60E-08	1	1349.805	0.6	Ovary	3L:+:8724081-8724116	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_62996	TLQTISLLGYLK	AGAP010700-PA	-	75	7.05E-08	2	1349.809	3.68	Head	3L:+:8724081-8724116	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_65355	STLQNWVNEFGR	AGAP010700-PA	-	64	6.50E-06	2	1450.709	1.37	Ovary	3L:+:8724162-8724197	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_71614	TGGGNAAAGGGTVGAGGGGAQK	AGAP010700-PA	-	41	0.001043119	2	1672.803	1.74	Head	3L:+:8726654-8726719	exon=> In CDS Exon 3 of transcript AGAP010700-PA
JHU_Ag_74542	SFTLDTDNLENR	AGAP010700-PA	-	42	0.000884248	2	1424.664	-1.24	Head	3L:+:8725551-8725586	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_79792	AVCLIGDQETR	AGAP010700-PA	C3(Carbamidomethyl)	65	5.46E-06	2	1261.625	3.45	Malpighian tubule	3L:+:8724216-8724248	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_85290	ENQELEEKER	AGAP010700-PA	-	33	0.00603059	2	1303.605	-6.11	Head	3L:+:8726606-8726635	exon=> In CDS Exon 3 of transcript AGAP010700-PA
JHU_Ag_99676	DFNQFIK	AGAP010700-PA	-	37	0.001953096	2	911.461	-0.78	Ovary	3L:+:8726010-8726030	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_104905	LFELLDQEIYHYR	AGAP010700-PA	-	48	0.000260326	1	1738.887	3.99	Ovary	3L:+:8725803-8725841	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_110398	IFVGLSK	AGAP010700-PA	-	26	0.008892651	1	763.471	-0.15	Ovary	3L:+:8724681-8724701	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_113230	SVYQFEGEDYREK	AGAP010700-PA	-	60	9.71E-06	1	1649.746	1.3	Ovary	3L:+:8725587-8725625	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_114699	RFEFLLK	AGAP010700-PA	-	41	0.00024407	1	952.562	0.25	Ovary	3L:+:8723736-8723756	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_115465	LQNILMQLR	AGAP010700-PA	-	36	0.003061293	2	1128.651	-4.35	Ovary	3L:+:8724783-8724809	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_117094	TLQTISLLGYLK	AGAP010700-PA	-	69	2.28E-07	2	1349.811	5.22	Malpighian tubule	3L:+:8724081-8724116	exon=> In CDS Exon 2 of transcript AGAP010700-PA
JHU_Ag_17660	SSLGTGILAMPVAFK	AGAP010701-PA	M10(Oxidation)	86	1.91E-08	2	1491.832	5.22	Midgut	3L:-:8736423-8736379	exon=> In CDS Exon 2 of transcript AGAP010701-PA
JHU_Ag_45484	QIDKPNSTTGSLIHLLK	AGAP010701-PA	-	62	2.26E-06	1	1865.045	-2.19	Midgut	3L:-:8736474-8736424	exon=> In CDS Exon 2 of transcript AGAP010701-PA
JHU_Ag_58736	VPVLGFSETAQSVFR	AGAP010701-PA	-	83	6.49E-08	1	1636.871	1.13	Midgut	3L:-:8729385-8729341	exon=> In CDS Exon 3 of transcript AGAP010701-PA
JHU_Ag_75635	VKDDPSAPSAPGYSVGDFNSTTK	AGAP010701-PA	-	67	2.73E-06	1	2340.098	-0.42	Midgut	3L:-:8737329-8737344,8736304-8736529	exon=> In CDS Exon 2 and 1 of transcript AGAP010701-PA
JHU_Ag_82857	LAESQIISDAEYNPFEHR	AGAP010701-PA	-	73	9.14E-07	1	2119.008	-0.73	Male reproductive organs	3L:-:8736528-8736475	exon=> In CDS Exon 2 of transcript AGAP010701-PA
JHU_Ag_93320	VKDDPSAPSAPGYSVGDFNSTTK	AGAP010701-PA	-	66	3.37E-06	1	2340.099	-0.19	Male reproductive organs	3L:-:8737329-8737344,8736304-8736529	exon=> In CDS Exon 2 and 1 of transcript AGAP010701-PA
JHU_Ag_96574	LAESQIISDAEYNPFEHR	AGAP010701-PA	-	131	1.20E-12	1	2119.008	-0.38	Midgut	3L:-:8736528-8736475	exon=> In CDS Exon 2 of transcript AGAP010701-PA
JHU_Ag_900	ELAVQINDHLK	AGAP010702-PA	-	54	4.68E-05	1	1279.701	0.35	Ovary	3L:+:8751779-8751811	exon=> In CDS Exon 4 of transcript AGAP010702-PA
JHU_Ag_1606	TEDLPLYPTSER	AGAP010702-PA	-	39	0.002541168	1	1420.697	0.93	Ovary	3L:+:8752870-8752905	exon=> In CDS Exon 7 of transcript AGAP010702-PA
JHU_Ag_97577	LGNSSAAPEDKPLYGLILTPTR	AGAP010702-PA	-	49	7.08E-05	1	2313.249	1.57	Ovary	3L:+:8751713-8751778	exon=> In CDS Exon 4 of transcript AGAP010702-PA
JHU_Ag_104002	IVDLTQDHGTAR	AGAP010702-PA	-	64	5.17E-06	2	1325.685	2.83	Ovary	3L:+:8752393-8752428	exon=> In CDS Exon 6 of transcript AGAP010702-PA

JHU_Ag_116348	DLWYHGTLER	AGAP010710-PA	-	39	0.001628741	1	1289.627	-0.18	Ovary	3L:+:8896755-8896784	exon=> In CDS Exon 3 of transcript AGAP010710-PA
JHU_Ag_5714	HLFEDPNVLASICEK	AGAP010711-PA	C13(Carbamidomethyl)	79	1.87E-07	2	1771.868	-0.26	Ovary	3L:-:8903804-8903760	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_6143	FATGDFHIINGVLQTAHSLFK	AGAP010711-PA	-	67	1.65E-06	1	2316.221	3.22	Larva	3L:-:8904386-8904324	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_6497	TILGPQIIVATMPLVSK	AGAP010711-PA	M12(Oxidation)	101	7.78E-11	1	1781.066	3.08	Ovary	3L:-:8903321-8903271	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_6541	LASYLQQTLNPDPEVR	AGAP010711-PA	-	64	4.75E-06	2	1843.961	3.02	Head	3L:-:8904909-8904862	exon=> In CDS Exon 1 of transcript AGAP010711-PA
JHU_Ag_13999	VSDEELFEDNPEEYIRR	AGAP010711-PA	-	92	9.92E-09	1	2139.995	5.42	Malpighian tubule	3L:-:8903732-8903682	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_19151	FIESIEVSQNYPLLCLHLIDRPQVDMTIR	AGAP010711-PA	C15(Carbamidomethyl), M26(Oxidation)	51	5.05E-05	1	3515.819	4.57	Larva	3L:-:8904713-8904627	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_19498	QIFSLLFQR	AGAP010711-PA	-	40	0.000484946	2	1151.662	4.52	Malpighian tubule	3L:-:8902233-8902207	exon=> In CDS Exon 5 of transcript AGAP010711-PA
JHU_Ag_23064	QASAQISADDKLNGVLGVFQK	AGAP010711-PA	-	34	0.002852044	1	2189.171	6.88	Malpighian tubule	3L:-:8902491-8902429	exon=> In CDS Exon 4 of transcript AGAP010711-PA
JHU_Ag_27820	MEINENNFER	AGAP010711-PA	N-Term(Acetyl), M1(Oxidation)	55	2.00E-05	2	1353.578	2.8	Malpighian tubule	3L:-:8904939-8904910	exon=> In CDS Exon 1 of transcript AGAP010711-PA
JHU_Ag_39621	DIEGSDVETRR	AGAP010711-PA	-	43	0.000856429	1	1276.616	2.48	Malpighian tubule	3L:-:8903681-8903649	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_41443	LGVTQTSELVPLPQFTQQQIIPELER	AGAP010711-PA	-	30	0.003624113	1	2964.605	0.32	Ovary	3L:-:8903462-8903385	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_42741	YDALVSNALR	AGAP010711-PA	-	35	0.004067558	2	1121.598	2.96	Larva	3L:-:8903870-8903841	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_43017	SPAAIQK	AGAP010711-PA	-	32	0.005346751	1	714.416	2.27	Malpighian tubule	3L:-:8904491-8904471	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_43219	TDDDEDAGVLEHLR	AGAP010711-PA	-	99	1.57E-09	1	1584.718	2.6	Midgut	3L:-:8904035-8903994	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_45886	LASYLQQTLNPDPEVR	AGAP010711-PA	Q6(Deamidated),Q7(Deamidated)	96	3.04E-09	1	1843.958	1.77	Ovary	3L:-:8904909-8904862	exon=> In CDS Exon 1 of transcript AGAP010711-PA
JHU_Ag_50533	VSDEELFEDNPEEYIRR	AGAP010711-PA	-	74	5.67E-07	1	2139.990	3.28	Ovary	3L:-:8903732-8903682	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_54460	DIEGSDVETR	AGAP010711-PA	-	46	0.000259733	2	1120.513	0.9	Ovary	3L:-:8903681-8903652	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_58842	LTDILSTVAK	AGAP010711-PA	-	45	0.000141643	2	1060.625	0.02	Ovary	3L:-:8903006-8902977	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_61756	LASYLQQTLNPDPEVR	AGAP010711-PA	-	75	4.21E-07	1	1843.957	1.24	Male reproductive organs	3L:-:8904909-8904862	exon=> In CDS Exon 1 of transcript AGAP010711-PA
JHU_Ag_62137	TDDDEDAGVLEHLR	AGAP010711-PA	-	107	2.31E-10	1	1584.715	0.83	Ovary	3L:-:8904035-8903994	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_62522	LLCAFVR	AGAP010711-PA	C3(Carbamidomethyl)	48	0.000126092	2	878.492	0.17	Ovary	3L:-:8902512-8902492	exon=> In CDS Exon 4 of transcript AGAP010711-PA
JHU_Ag_76240	TILGPQIIVATMPLVSK	AGAP010711-PA	-	64	3.59E-07	1	1781.064	1.92	Head	3L:-:8903321-8903271	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_80720	DIEGSDVETR	AGAP010711-PA	-	70	1.20E-06	2	1120.514	2.21	Malpighian tubule	3L:-:8903681-8903652	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_85882	VSDEELFEDNPEEYIR	AGAP010711-PA	-	63	5.56E-06	2	1983.888	3.01	Malpighian tubule	3L:-:8903732-8903685	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_89682	ADVNQLPVLK	AGAP010711-PA	-	41	0.000367323	2	1096.636	-0.21	Ovary	3L:-:8903384-8903355	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_90201	LASYLQQTLNPDPEVR	AGAP010711-PA	-	55	3.56E-05	2	1843.964	5.01	Larva	3L:-:8904909-8904862	exon=> In CDS Exon 1 of transcript AGAP010711-PA
JHU_Ag_95129	MAKPLTDLLQATLGLAEAHAGNK	AGAP010711-PA	M1(Oxidation)	95	1.52E-09	1	2379.287	7.26	Larva	3L:-:8904260-8904192	exon=> In CDS Exon 2 of transcript AGAP010711-PA

JHU_Ag_96871	VLNTLQEASLPFMIVVLPR	AGAP010711-PA	-	35	0.000745094	2	2140.221	0.25	Ovary	3L:-:8903063-8903007	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_98486	LTDILSTVAK	AGAP010711-PA	-	61	4.00E-06	2	1060.629	4.17	Malpighian tubule	3L:-:8903006-8902977	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_101182	FATGDFHIINGVLQTAHSLFK	AGAP010711-PA	-	74	3.12E-07	1	2316.225	4.81	Ovary	3L:-:8904386-8904324	exon=> In CDS Exon 2 of transcript AGAP010711-PA
JHU_Ag_104008	LASYLQQTLNPDPEVR	AGAP010711-PA	-	73	6.24E-07	1	1843.967	6.4	Malpighian tubule	3L:-:8904909-8904862	exon=> In CDS Exon 1 of transcript AGAP010711-PA
JHU_Ag_3613	AHLLSTVINNLELAGDYYQR	AGAP010712-PA	-	57	2.28E-05	1	2290.182	-0.5	Ovary	3L:+:8916406-8916465	exon=> In CDS Exon 4 of transcript AGAP010712-PA
JHU_Ag_56761	DLTAADLPLLR	AGAP010712-PA	-	56	1.34E-05	2	1197.686	1.57	Male reproductive organs	3L:+:8916217-8916249	exon=> In CDS Exon 4 of transcript AGAP010712-PA
JHU_Ag_75610	DLTAADLPLLR	AGAP010712-PA	-	82	4.26E-08	2	1197.684	0.05	Ovary	3L:+:8916217-8916249	exon=> In CDS Exon 4 of transcript AGAP010712-PA
JHU_Ag_76323	TVEQLYLLALVR	AGAP010712-PA	-	105	5.17E-11	1	1417.841	-0.28	Ovary	3L:+:8916157-8916192	exon=> In CDS Exon 4 of transcript AGAP010712-PA
JHU_Ag_100980	YGIGASQLR	AGAP010712-PA	-	56	3.45E-05	2	964.520	-1.44	Ovary	3L:+:8916289-8916315	exon=> In CDS Exon 4 of transcript AGAP010712-PA
JHU_Ag_106677	FSNLSPDQQAIVVLEKR	AGAP010712-PA	-	36	0.002038557	1	1944.060	2.78	Ovary	3L:+:8915497-8915547	exon=> In CDS Exon 1 of transcript AGAP010712-PA
JHU_Ag_629	LLETLFVHR	AGAP010714-PA	-	41	0.000456487	3	1127.659	1.78	Head	3L:+:8921386-8921412	exon=> In CDS Exon 2 of transcript AGAP010714-PA
JHU_Ag_3330	FSHATMPLR	AGAP010714-PA	M6(Oxidation)	40	0.001634839	1	1075.534	-0.95	Midgut	3L:+:8921413-8921439	exon=> In CDS Exon 2 of transcript AGAP010714-PA
JHU_Ag_6751	DLGPQISWK	AGAP010714-PA	-	42	0.000735105	1	1043.554	1.69	Midgut	3L:+:8919368-8919394	exon=> In CDS Exon 1 of transcript AGAP010714-PA
JHU_Ag_27582	LLETLFVHR	AGAP010714-PA	-	67	1.52E-06	2	1127.659	1.36	Midgut	3L:+:8921386-8921412	exon=> In CDS Exon 2 of transcript AGAP010714-PA
JHU_Ag_32240	IAAACWVGHYTK	AGAP010714-PA	C5(Carbamidomethyl)	74	8.74E-07	1	1376.677	-0.61	Midgut	3L:+:8921347-8921382	exon=> In CDS Exon 2 of transcript AGAP010714-PA
JHU_Ag_38249	IAAACWVGHYTK	AGAP010714-PA	C5(Carbamidomethyl)	64	8.33E-06	1	1376.679	0.81	Male reproductive organs	3L:+:8921347-8921382	exon=> In CDS Exon 2 of transcript AGAP010714-PA
JHU_Ag_42056	LKPALTVHR	AGAP010714-PA	-	26	0.001542237	2	1034.648	0.76	Malpighian tubule	3L:+:8919245-8919271	exon=> In CDS Exon 1 of transcript AGAP010714-PA
JHU_Ag_46713	LLETLFVHR	AGAP010714-PA	-	57	1.15E-05	2	1127.659	1.58	Male reproductive organs	3L:+:8921386-8921412	exon=> In CDS Exon 2 of transcript AGAP010714-PA
JHU_Ag_66675	KAILPFVL	AGAP010714-PA	-	26	0.001871104	1	900.594	2.69	Head	3L:+:8922009-8922032	exon=> In CDS Exon 4 of transcript AGAP010714-PA
JHU_Ag_72870	VSGDTTLQALK	AGAP010714-PA	-	48	0.000177143	2	1132.621	-0.2	Male reproductive organs	3L:+:8919197-8919229	exon=> In CDS Exon 1 of transcript AGAP010714-PA
JHU_Ag_88929	VSGDTTLQALK	AGAP010714-PA	-	57	2.02E-05	2	1132.621	0.01	Visceras	3L:+:8919197-8919229	exon=> In CDS Exon 1 of transcript AGAP010714-PA
JHU_Ag_91454	KAILPFVL	AGAP010714-PA	-	35	0.000240486	2	900.590	-1.59	Visceras	3L:+:8922009-8922032	exon=> In CDS Exon 4 of transcript AGAP010714-PA
JHU_Ag_105487	KAILPFVL	AGAP010714-PA	-	28	0.001002532	2	900.593	1.8	Male reproductive organs	3L:+:8922009-8922032	exon=> In CDS Exon 4 of transcript AGAP010714-PA
JHU_Ag_108043	VSGDTTLQALK	AGAP010714-PA	-	55	3.67E-05	2	1132.624	2.92	Head	3L:+:8919197-8919229	exon=> In CDS Exon 1 of transcript AGAP010714-PA
JHU_Ag_108490	IEFLDAKSSK	AGAP010714-PA	N-Term(Acetyl)	40	0.00092684	1	1179.633	6.54	Malpighian tubule	3L:+:8919149-8919178	exon=> In CDS Exon 1 of transcript AGAP010714-PA
JHU_Ag_114473	KAILPFVL	AGAP010714-PA	-	34	0.000249516	2	900.592	0.1	Ovary	3L:+:8922009-8922032	exon=> In CDS Exon 4 of transcript AGAP010714-PA
JHU_Ag_97174	TLALLK	AGAP010715-PA	-	20	0.007346797	1	658.450	0.29	Midgut	3L:-:8923313-8923296	exon=> In CDS Exon 10 of transcript AGAP010715-PA
JHU_Ag_2310	VPSFDETHSDKLAR	AGAP010716-PA	-	84	6.57E-08	1	1601.795	2.08	Malpighian tubule	3L:+:8936443-8936484	exon=> In CDS Exon 1 of transcript AGAP010716-PA

JHU_Ag_20745	VPSFDETHSDK	AGAP010716-PA	-	68	1.36E-06	1	1261.570	0.33	Visceras	3L:+:8936443-8936475	exon=> In CDS Exon 1 of transcript AGAP010716-PA
JHU_Ag_22656	VPSFDETHSDK	AGAP010716-PA	-	74	3.50E-07	2	1261.571	1.3	Head	3L:+:8936443-8936475	exon=> In CDS Exon 1 of transcript AGAP010716-PA
JHU_Ag_89595	GAMSTSVFLMQLR	AGAP010716-PA	M3(Oxidation), M10(Oxidation)	70	1.20E-06	2	1472.725	0.66	Midgut	3L:+:8936572-8936610	exon=> In CDS Exon 1 of transcript AGAP010716-PA
JHU_Ag_103693	VPSFDETHSDKLAR	AGAP010716-PA	-	78	2.42E-07	1	1601.793	0.56	Head	3L:+:8936443-8936484	exon=> In CDS Exon 1 of transcript AGAP010716-PA
JHU_Ag_110268	VPSFDETHSDKLAR	AGAP010716-PA	-	50	0.000151136	1	1601.793	0.62	Visceras	3L:+:8936443-8936484	exon=> In CDS Exon 1 of transcript AGAP010716-PA
JHU_Ag_114984	VPSFDETHSDK	AGAP010716-PA	-	42	0.000448092	1	1261.568	-1.25	Midgut	3L:+:8936443-8936475	exon=> In CDS Exon 1 of transcript AGAP010716-PA
JHU_Ag_13716	DINVPPSPPVQPLGVAFASAGR	AGAP010717-PA	-	41	0.000499829	2	2189.178	3	Male reproductive organs	3L:-:8939714-8939649	exon=> In CDS Exon 4 of transcript AGAP010717-PA
JHU_Ag_18102	FTQNLLNQGPVQFPR	AGAP010717-PA	-	84	4.30E-08	1	1758.929	0.2	Male reproductive organs	3L:-:8941037-8941223,8940639-8940834	exon=> In CDS Exon 3 and 2 of transcript AGAP010717-PA
JHU_Ag_55961	LYYAAQNPTQIPAPFYPSQLRPSDVK	AGAP010717-PA	-	97	1.95E-09	1	2964.528	0.67	Male reproductive organs	3L:-:8940032-8939955	exon=> In CDS Exon 4 of transcript AGAP010717-PA
JHU_Ag_100684	SYAVEDIDSLNEAATDVKK	AGAP010717-PA	-	135	5.63E-13	1	2068.006	-0.97	Male reproductive organs	3L:-:8940671-8940858,8939373-8940396	exon=> In CDS Exon 4 and 3 of transcript AGAP010717-PA
JHU_Ag_116631	YYASTPVQQPQQQYITHQIRPAR	AGAP010717-PA	-	55	3.10E-05	1	2773.422	1.75	Male reproductive organs	3L:-:8940101-8940033	exon=> In CDS Exon 4 of transcript AGAP010717-PA
JHU_Ag_2100	GMGLSMGMMLAGYDK	AGAP010718-PA	M2(Oxidation), M6(Oxidation), M8(Oxidation), M9(Oxidation)	84	1.01E-08	1	1625.668	-0.24	Ovary	3L:+:8974682-8974726	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_2751	GMGLSMGMMLAGYDK	AGAP010718-PA	M2(Oxidation), M6(Oxidation), M8(Oxidation), M9(Oxidation)	37	0.000586587	2	1625.667	-0.76	Midgut	3L:+:8974682-8974726	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_4424	GPQLYYIDSEGTR	AGAP010718-PA	-	88	1.81E-08	2	1498.716	-0.54	Midgut	3L:+:8974804-8974842	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_11113	RGPQLYYIDSEGTR	AGAP010718-PA	-	86	3.92E-08	1	1654.821	1.33	Malpighian tubule	3L:+:8974727-8974729,8974804-8974842	exon=> In CDS Exon 2 and 3 of transcript AGAP010718-PA
JHU_Ag_11214	DAYSGGIVR	AGAP010718-PA	-	46	0.000274729	1	937.477	3.2	Male reproductive organs	3L:+:8974981-8975007	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_12338	GPQLYYIDSEGTR	AGAP010718-PA	-	106	2.77E-10	1	1498.719	1.41	Visceras	3L:+:8974804-8974842	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_14495	GPQLYYIDSEGTR	AGAP010718-PA	-	116	3.14E-11	1	1498.718	0.35	Ovary	3L:+:8974804-8974842	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_14883	ATGGQFIGSQTMK	AGAP010718-PA	M12(Oxidation)	82	1.13E-07	2	1325.653	0.48	Malpighian tubule	3L:+:8974466-8974504	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_16581	DAYSGGIVR	AGAP010718-PA	-	55	4.86E-05	1	937.475	1.03	Ovary	3L:+:8974981-8975007	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_16925	IMSNIVYYYK	AGAP010718-PA	M2(Oxidation)	49	0.000202058	2	1309.651	1.21	Head	3L:+:8974652-8974681	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_19383	ATGGQFIGSQTMK	AGAP010718-PA	M12(Oxidation)	76	3.51E-07	2	1325.649	-1.92	Midgut	3L:+:8974466-8974504	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_21283	FQGGVILAVDSR	AGAP010718-PA	-	47	0.000204716	2	1261.690	0.2	Male reproductive organs	3L:+:8974430-8974465	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_23364	IMSNIVYYYK	AGAP010718-PA	M2(Oxidation)	71	1.17E-06	1	1309.652	1.77	Ovary	3L:+:8974652-8974681	exon=> In CDS Exon 2 of transcript AGAP010718-PA

JHU_Ag_28690	RGPQLYYIDSEGTR	AGAP010718-PA	-	66	3.74E-06	2	1654.824	3.17	Male reproductive organs	3L:+:8974727-8974729,8974804-8974842	exon=> In CDS Exon 2 and 3 of transcript AGAP010718-PA
JHU_Ag_42983	DAYSGGIVR	AGAP010718-PA	-	45	0.000459766	1	937.473	-0.91	Midgut	3L:+:8974981-8975007	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_44065	FQGGVILAVDSR	AGAP010718-PA	-	85	3.62E-08	2	1261.693	2.33	Midgut	3L:+:8974430-8974465	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_54708	GPQLYYIDSEGTR	AGAP010718-PA	-	92	6.99E-09	1	1498.721	2.72	Malpighian tubule	3L:+:8974804-8974842	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_56140	IMSNIVYYYK	AGAP010718-PA	M2(Oxidation)	71	1.16E-06	1	1309.651	0.75	Midgut	3L:+:8974652-8974681	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_59417	ATGGQFIGSQTMK	AGAP010718-PA	M12(Oxidation)	66	3.04E-06	2	1341.647	0.17	Male reproductive organs	3L:+:8974466-8974504	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_60476	FQGGVILAVDSR	AGAP010718-PA	-	48	0.000200221	2	1261.685	-3.86	Head	3L:+:8974430-8974465	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_64222	DAYSGGIVR	AGAP010718-PA	-	54	5.09E-05	1	937.474	-0.01	Malpighian tubule	3L:+:8974981-8975007	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_64472	ATGGQFIGSQTMK	AGAP010718-PA	M12(Oxidation)	83	6.36E-08	1	1341.644	-1.83	Ovary	3L:+:8974466-8974504	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_72642	FQGGVILAVDSR	AGAP010718-PA	-	105	3.11E-10	1	1261.692	1.26	Ovary	3L:+:8974430-8974465	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_74598	FQGGVILAVDSR	AGAP010718-PA	-	56	2.78E-05	2	1261.693	2.23	Pupa	3L:+:8974430-8974465	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_75966	GPQLYYIDSEGTR	AGAP010718-PA	-	74	4.91E-07	2	1498.719	1.01	Pupa	3L:+:8974804-8974842	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_80170	ATGGQFIGSQTMKK	AGAP010718-PA	M12(Oxidation)	69	1.77E-06	1	1469.743	0.57	Male reproductive organs	3L:+:8974466-8974507	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_81606	RGPQLYYIDSEGTR	AGAP010718-PA	-	57	2.82E-05	2	1654.818	-0.22	Midgut	3L:+:8974727-8974729,8974804-8974842	exon=> In CDS Exon 2 and 3 of transcript AGAP010718-PA
JHU_Ag_91692	GMGLSMGMMLAGYDK	AGAP010718-PA	M2(Oxidation), M6(Oxidation), M8(Oxidation), M9(Oxidation)	49	4.04E-05	1	1625.675	4.49	Male reproductive organs	3L:+:8974682-8974726	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_91813	FQGGVILAVDSR	AGAP010718-PA	-	99	1.23E-09	1	1261.694	3.2	Malpighian tubule	3L:+:8974430-8974465	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_91895	IMSNIVYYYK	AGAP010718-PA	M2(Oxidation)	73	8.04E-07	2	1309.650	0.09	Male reproductive organs	3L:+:8974652-8974681	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_94620	ATGGQFIGSQTMKK	AGAP010718-PA	M12(Oxidation)	67	2.57E-06	1	1469.744	1.32	Ovary	3L:+:8974466-8974507	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_100118	ATGGQFIGSQTMK	AGAP010718-PA	-	50	0.000168976	2	1325.653	0.48	Salivary gland	3L:+:8974466-8974504	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_103363	RGPQLYYIDSEGTR	AGAP010718-PA	-	72	8.92E-07	1	1654.817	-0.9	Ovary	3L:+:8974727-8974729,8974804-8974842	exon=> In CDS Exon 2 and 3 of transcript AGAP010718-PA
JHU_Ag_103853	GPQLYYIDSEGTR	AGAP010718-PA	-	116	3.00E-11	1	1498.717	-0.22	Salivary gland	3L:+:8974804-8974842	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_104423	IMSNIVYYYK	AGAP010718-PA	M2(Oxidation)	70	1.40E-06	2	1293.656	0.79	Salivary gland	3L:+:8974652-8974681	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_106304	AIYHATHR	AGAP010718-PA	-	42	0.000617281	1	968.510	3.59	Malpighian tubule	3L:+:8974957-8974980	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_108471	RGPQLYYIDSEGTR	AGAP010718-PA	-	82	1.01E-07	1	1654.814	-2.66	Head	3L:+:8974727-8974729,8974804-8974842	exon=> In CDS Exon 2 and 3 of transcript AGAP010718-PA
JHU_Ag_110735	GPQLYYIDSEGTR	AGAP010718-PA	-	83	6.20E-08	1	1498.718	0.6	Male reproductive organs	3L:+:8974804-8974842	exon=> In CDS Exon 3 of transcript AGAP010718-PA

JHU_Ag_112302	AIYHATHR	AGAP010718-PA	-	41	0.000728486	1	968.506	-0.38	Male reproductive organs	3L:+:8974957-8974980	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_115927	DAYSGGIVR	AGAP010718-PA	-	46	0.000399774	2	937.474	0.06	Visceras	3L:+:8974981-8975007	exon=> In CDS Exon 3 of transcript AGAP010718-PA
JHU_Ag_117293	ATGGQFIGSQTMKK	AGAP010718-PA	M12(Oxidation)	62	8.91E-06	1	1469.740	-1.01	Midgut	3L:+:8974466-8974507	exon=> In CDS Exon 2 of transcript AGAP010718-PA
JHU_Ag_1945	IEGLLAAFPK	AGAP010719-PA	-	52	3.86E-05	2	1058.627	2.57	Male reproductive organs	3L:+:8976634-8976663	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_2381	YVYQPLEK	AGAP010719-PA	-	36	0.002325559	1	1039.547	0.87	Male reproductive organs	3L:+:8976715-8976738	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_13423	SSNQIGLKNPAKPFPLNTDVGVLK	AGAP010719-PA	-	81	1.42E-08	1	2537.427	7.07	Ovary	3L:+:8977760-8977831	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_15245	VVSTPLPTAAASAAAK	AGAP010719-PA	-	43	0.000350682	1	1454.822	0.29	Salivary gland	3L:+:8977405-8977452	exon=> In CDS Exon 3 of transcript AGAP010719-PA
JHU_Ag_18152	IEGLLAAFPK	AGAP010719-PA	-	64	2.80E-06	2	1058.625	0.73	Ovary	3L:+:8976634-8976663	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_20931	NPAKPFPLNTDVGVLK	AGAP010719-PA	-	54	1.53E-05	1	1709.963	2.47	Malpighian tubule	3L:+:8977784-8977831	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_30214	ASNILEDLETLR	AGAP010719-PA	-	82	9.61E-08	2	1373.728	0.41	Male reproductive organs	3L:+:8976766-8976801	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_33533	ASNILEDLETLR	AGAP010719-PA	-	107	3.37E-10	1	1373.733	4.14	Malpighian tubule	3L:+:8976766-8976801	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_36226	ASNILEDLETLR	AGAP010719-PA	-	66	4.05E-06	1	1373.729	1.65	Ovary	3L:+:8976766-8976801	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_36735	VQLDNTDQR	AGAP010719-PA	-	36	0.003410387	1	1088.529	-3.69	Salivary gland	3L:+:8977685-8977711	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_38597	VVSTPLPTAAASAAAK	AGAP010719-PA	-	41	0.000537989	1	1454.823	0.88	Head	3L:+:8977405-8977452	exon=> In CDS Exon 3 of transcript AGAP010719-PA
JHU_Ag_46489	SSNQIGLK	AGAP010719-PA	-	67	5.40E-06	2	846.467	-1.35	Salivary gland	3L:+:8977760-8977783	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_47495	IEGLLAAFPK	AGAP010719-PA	-	37	0.001706702	2	1058.623	-1	Malpighian tubule	3L:+:8976634-8976663	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_50109	FSAETVFYTDK	AGAP010719-PA	-	47	0.000319387	1	1307.618	1.64	Head	3L:+:8978466-8978498	exon=> In CDS Exon 7 of transcript AGAP010719-PA
JHU_Ag_51232	IPYAELAPAK	AGAP010719-PA	-	59	1.91E-05	1	1072.602	-2.01	Salivary gland	3L:+:8978403-8978432	exon=> In CDS Exon 7 of transcript AGAP010719-PA
JHU_Ag_54871	ASNILEDLETLR	AGAP010719-PA	-	89	2.27E-08	1	1373.726	-1.19	Salivary gland	3L:+:8976766-8976801	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_55053	LYMLLITTK	AGAP010719-PA	M3(Oxidation)	39	0.000486461	2	1111.643	0.15	Salivary gland	3L:+:8976739-8976765	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_59266	GIQLQTHPNVDKELFR	AGAP010719-PA	-	32	0.004679049	1	1895.021	3.84	Pupa	3L:+:8977712-8977759	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_60219	NQLLWNLPVIDASSK	AGAP010719-PA	-	54	2.74E-05	2	1697.926	2.51	Ovary	3L:+:8978210-8978254	exon=> In CDS Exon 6 of transcript AGAP010719-PA
JHU_Ag_62583	YVYQPLEK	AGAP010719-PA	-	34	0.003507245	2	1039.549	2.52	Midgut	3L:+:8976715-8976738	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_63755	NPAKPFPLNTDVGVLK	AGAP010719-PA	-	52	3.33E-05	1	1709.955	-1.81	Salivary gland	3L:+:8977784-8977831	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_64044	FSAETVFYTDKFEIV	AGAP010719-PA	-	41	0.001236289	1	1795.886	3.67	Malpighian tubule	3L:+:8978466-8978510	exon=> In CDS Exon 7 of transcript AGAP010719-PA
JHU_Ag_70089	YVYQPLEK	AGAP010719-PA	-	34	0.004116492	2	1039.546	0.52	Ovary	3L:+:8976715-8976738	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_71013	IPYAELAPAK	AGAP010719-PA	-	38	0.002350801	1	1072.605	1.29	Ovary	3L:+:8978403-8978432	exon=> In CDS Exon 7 of transcript AGAP010719-PA
JHU_Ag_78734	KNQLLWNLPVIDASSK	AGAP010719-PA	-	64	2.19E-06	2	1826.028	5.88	Malpighian tubule	3L:+:8978207-8978254	exon=> In CDS Exon 6 of transcript AGAP010719-PA

JHU_Ag_79499	DADTFVDQLK	AGAP010719-PA	-	40	0.001326094	1	1151.556	-1.73	Salivary gland	3L:+:8977360-8977389	exon=> In CDS Exon 3 of transcript AGAP010719-PA
JHU_Ag_80119	ESVNLAQIK	AGAP010719-PA	-	60	1.81E-05	2	1001.562	-0.51	Salivary gland	3L:+:8976916-8976942	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_80180	VVSTPLPTAAASAAAK	AGAP010719-PA	-	70	5.99E-07	1	1454.823	0.88	Ovary	3L:+:8977405-8977452	exon=> In CDS Exon 3 of transcript AGAP010719-PA
JHU_Ag_82876	IEGLLAAFPK	AGAP010719-PA	-	65	2.85E-06	2	1058.624	-0.66	Salivary gland	3L:+:8976634-8976663	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_83218	VLLVDDGSEVK	AGAP010719-PA	-	55	5.84E-05	1	1173.637	0.68	Salivary gland	3L:+:8978433-8978465	exon=> In CDS Exon 7 of transcript AGAP010719-PA
JHU_Ag_86285	IPYAELAPAK	AGAP010719-PA	-	40	0.001486831	1	1072.604	0.26	Malpighian tubule	3L:+:8978403-8978432	exon=> In CDS Exon 7 of transcript AGAP010719-PA
JHU_Ag_86533	DADTFVDQLKNEGEK	AGAP010719-PA	-	48	0.000209462	1	1708.803	0.37	Salivary gland	3L:+:8977360-8977404	exon=> In CDS Exon 3 of transcript AGAP010719-PA
JHU_Ag_89096	GIQLQTHPNVDKELFR	AGAP010719-PA	-	53	5.30E-05	1	1895.014	0.26	Salivary gland	3L:+:8977712-8977759	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_95281	GIQLQTHPNVDKELFR	AGAP010719-PA	-	76	2.58E-07	1	1895.014	0.14	Ovary	3L:+:8977712-8977759	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_97612	NPAKPFPLNTDVGVLK	AGAP010719-PA	-	60	4.29E-06	1	1709.960	0.63	Midgut	3L:+:8977784-8977831	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_99555	ASNILEDLETLR	AGAP010719-PA	-	80	1.55E-07	2	1373.731	2.89	Head	3L:+:8976766-8976801	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_99756	IKVQLDNTDQR	AGAP010719-PA	-	53	6.91E-05	2	1329.712	0.03	Salivary gland	3L:+:8977679-8977711	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_100874	ASNILEDLETLR	AGAP010719-PA	-	105	5.72E-10	1	1373.727	0.05	Midgut	3L:+:8976766-8976801	exon=> In CDS Exon 2 of transcript AGAP010719-PA
JHU_Ag_103496	KNQLLWNLPVIDASSK	AGAP010719-PA	-	64	2.24E-06	2	1826.027	5.21	Ovary	3L:+:8978207-8978254	exon=> In CDS Exon 6 of transcript AGAP010719-PA
JHU_Ag_103809	NQLLWNLPVIDASSK	AGAP010719-PA	-	80	8.61E-08	2	1697.924	0.86	Midgut	3L:+:8978210-8978254	exon=> In CDS Exon 6 of transcript AGAP010719-PA
JHU_Ag_104715	GIQLQTHPNVDKELFR	AGAP010719-PA	-	76	2.74E-07	1	1895.012	-0.89	Midgut	3L:+:8977712-8977759	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_109862	GGVGSAGGFGNTSFGSGGGGGGGISSDSISSLSTPSANIAEISKPASTASK	AGAP010719-PA	-	33	0.005086701	1	4488.147	1.61	Ovary	3L:+:8977093-8977241,8977311-8977314	exon=> In CDS Exon 2 and 3 of transcript AGAP010719-PA
JHU_Ag_112209	GIQLQTHPNVDK	AGAP010719-PA	-	63	5.57E-06	2	1349.719	1.24	Head	3L:+:8977712-8977747	exon=> In CDS Exon 4 of transcript AGAP010719-PA
JHU_Ag_115672	VVSTPLPTAAASAAAK	AGAP010719-PA	-	46	0.000157005	2	1454.821	-0.04	Male reproductive organs	3L:+:8977405-8977452	exon=> In CDS Exon 3 of transcript AGAP010719-PA
JHU_Ag_54255	VLVTEVGPER	AGAP010722-PA	-	42	0.000556441	2	1098.620	3.88	Malpighian tubule	3L:+:8986309-8986338	exon=> In CDS Exon 1 of transcript AGAP010722-PA
JHU_Ag_85671	VFITAILTPDR	AGAP010722-PA	-	54	1.99E-05	2	1245.721	0.53	Ovary	3L:+:8986111-8986143	exon=> In CDS Exon 1 of transcript AGAP010722-PA
JHU_Ag_286	EELKGAIGEISK	AGAP010723-PA	-	45	0.000412642	2	1273.703	2.68	Male reproductive organs	3L:+:8990007-8990042	exon=> In CDS Exon 1 of transcript AGAP010723-PA
JHU_Ag_1869	LPVILTQVIDQLSK	AGAP010723-PA	-	81	6.14E-09	2	1566.950	2.33	Midgut	3L:+:8989920-8989961	exon=> In CDS Exon 1 of transcript AGAP010723-PA
JHU_Ag_7465	TTEEIGSFFR	AGAP010723-PA	-	57	2.06E-05	2	1186.575	1.11	Pupa	3L:+:8990411-8990440	exon=> In CDS Exon 2 of transcript AGAP010723-PA
JHU_Ag_8847	ERLPVILTQVIDQLSK	AGAP010723-PA	-	26	0.001938291	1	1852.086	-2.34	Midgut	3L:+:8989914-8989961	exon=> In CDS Exon 1 of transcript AGAP010723-PA
JHU_Ag_26199	AIPWYISDVTPK	AGAP010723-PA	-	60	1.49E-05	2	1389.740	-0.67	Male reproductive organs	3L:+:8990786-8990821	exon=> In CDS Exon 3 of transcript AGAP010723-PA
JHU_Ag_30992	TTEEIGSFFR	AGAP010723-PA	-	49	0.000131826	2	1186.573	-0.44	Male reproductive organs	3L:+:8990411-8990440	exon=> In CDS Exon 2 of transcript AGAP010723-PA

JHU_Ag_37202	LPVILTQVIDQLSK	AGAP010723-PA	-	112	6.49E-12	1	1566.947	0.38	Male reproductive organs	3L:+:8989920-8989961	exon=> In CDS Exon 1 of transcript AGAP010723-PA
JHU_Ag_68776	KDASWMVTGEYGVIQFAGK	AGAP010723-PA	M6(Oxidation)	37	0.002872636	1	2103.015	-3.26	Male reproductive organs	3L:+:8991206-8991262	exon=> In CDS Exon 3 of transcript AGAP010723-PA
JHU_Ag_72625	LLGDFNFPYNTPFVEALR	AGAP010723-PA	-	57	2.85E-05	1	2113.083	3.74	Male reproductive organs	3L:+:8991059-8991112	exon=> In CDS Exon 3 of transcript AGAP010723-PA
JHU_Ag_95451	LNNIFENTQTLQK	AGAP010723-PA	-	57	2.74E-05	1	1562.816	-0.57	Head	3L:+:8990199-8990221,8990293-8990308	exon=> In CDS Exon 1 and 2 of transcript AGAP010723-PA
JHU_Ag_98645	LNNIFENTQTLQK	AGAP010723-PA	-	72	8.48E-07	2	1562.819	0.91	Midgut	3L:+:8990199-8990221,8990293-8990308	exon=> In CDS Exon 1 and 2 of transcript AGAP010723-PA
JHU_Ag_103700	LNNIFENTQTLQK	AGAP010723-PA	-	68	1.99E-06	2	1562.819	0.99	Male reproductive organs	3L:+:8990199-8990221,8990293-8990308	exon=> In CDS Exon 1 and 2 of transcript AGAP010723-PA
JHU_Ag_108006	ERLPVILTQVIDQLSK	AGAP010723-PA	-	64	3.05E-07	1	1852.098	4.08	Ovary	3L:+:8989914-8989961	exon=> In CDS Exon 1 of transcript AGAP010723-PA
JHU_Ag_109693	LPVILTQVIDQLSK	AGAP010723-PA	-	87	1.54E-09	1	1566.950	2.1	Ovary	3L:+:8989920-8989961	exon=> In CDS Exon 1 of transcript AGAP010723-PA
JHU_Ag_34464	THTSAGAINNSNNYR	AGAP010727-PA	-	45	0.000406727	1	1619.753	0.53	Salivary gland	3L:-:9005984-9005940	exon=> In CDS Exon 3 of transcript AGAP010727-PA
JHU_Ag_4469	FGEWDISTTK	AGAP010730-PA	-	38	0.001875385	2	1183.563	-0.41	Pupa	3L:+:9014290-9014319	exon=> In CDS Exon 1 of transcript AGAP010730-PA
JHU_Ag_7275	YAGLGPFYTLR	AGAP010730-PA	-	55	3.96E-05	2	1257.664	0.95	Pupa	3L:+:9014679-9014711	exon=> In CDS Exon 2 of transcript AGAP010730-PA
JHU_Ag_57176	FGEWDISTTK	AGAP010730-PA	-	82	9.03E-08	2	1183.568	4.54	Larva	3L:+:9014290-9014319	exon=> In CDS Exon 1 of transcript AGAP010730-PA
JHU_Ag_96256	LTLPVIGR	AGAP010730-PA	-	44	4.24E-05	2	868.559	-3.23	Pupa	3L:+:9014631-9014654	exon=> In CDS Exon 2 of transcript AGAP010730-PA
JHU_Ag_104688	LVVTTAHNTDGK	AGAP010730-PA	-	71	7.55E-07	1	1255.669	3.96	Larva	3L:+:9014236-9014271	exon=> In CDS Exon 1 of transcript AGAP010730-PA
JHU_Ag_13918	TIIVHPEYNSVGLLNDIALAQLK	AGAP010731-PA	-	86	7.78E-09	1	2521.414	4.43	Pupa	3L:+:9016363-9016431	exon=> In CDS Exon 4 of transcript AGAP010731-PA
JHU_Ag_23935	TIIVHPEYNSVGLLNDIALAQLK	AGAP010731-PA	-	87	5.63E-09	1	2521.416	5.52	Larva	3L:+:9016363-9016431	exon=> In CDS Exon 4 of transcript AGAP010731-PA
JHU_Ag_965	VATASFVPHPK	AGAP010733-PA	-	54	3.15E-05	2	1153.636	-0.48	Ovary	3L:-:9023318-9023286	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_5143	MTFPNAAINKIPQPK	AGAP010733-PA	M1(Oxidation)	29	0.012742436	1	1685.904	-0.05	Midgut	3L:-:9022606-9022562	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_8650	DAIAPCNILEYEPVVR	AGAP010733-PA	C6(Carbamidomethyl)	36	0.003955661	2	1858.947	5.5	Ovary	3L:-:9023285-9023238	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_9783	LYVAQVPK	AGAP010733-PA	-	48	7.91E-05	1	917.546	0.47	Malpighian tubule	3L:-:9022630-9022607	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_14654	AHSDLYTFAIWAR	AGAP010733-PA	-	82	8.99E-08	1	1550.780	3.21	Malpighian tubule	3L:-:9021879-9021841	exon=> In CDS Exon 4 of transcript AGAP010733-PA
JHU_Ag_16405	FAATEAYDEAVTFNTITIQAK	AGAP010733-PA	-	85	5.19E-08	2	2304.139	-0.13	Midgut	3L:-:9022156-9022094	exon=> In CDS Exon 3 of transcript AGAP010733-PA
JHU_Ag_21220	RGELTTVMNHEPQTK	AGAP010733-PA	-	70	1.87E-06	1	1740.867	-1.42	Pupa	3L:-:9022751-9023504,9022388-9022631	exon=> In CDS Exon 2 and 1 of transcript AGAP010733-PA
JHU_Ag_22199	DAIAPCNILEYEPVVR	AGAP010733-PA	C6(Carbamidomethyl)	91	1.00E-08	1	1858.948	5.83	Larva	3L:-:9023285-9023238	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_23785	FAATEAYDEAVTFNTITIQAK	AGAP010733-PA	-	80	1.67E-07	1	2304.151	5.16	Larva	3L:-:9022156-9022094	exon=> In CDS Exon 3 of transcript AGAP010733-PA
JHU_Ag_24612	KYVVINLTEK	AGAP010733-PA	-	59	2.02E-06	1	1206.713	3.43	Larva	3L:-:9023207-9023178	exon=> In CDS Exon 1 of transcript AGAP010733-PA

JHU_Ag_28194	YVVINLTEK	AGAP010733-PA	-	46	0.000148885	1	1078.615	0.32	Midgut	3L:-:9023204-9023178	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_28356	LAAYDAGR	AGAP010733-PA	-	41	0.001359351	2	836.426	-0.22	Pupa	3L:-:9022267-9022244	exon=> In CDS Exon 3 of transcript AGAP010733-PA
JHU_Ag_33314	DAIAPCNILEYEPVVR	AGAP010733-PA	C6(Carbamidomethyl)	87	2.90E-08	1	1858.944	3.86	Malpighian tubule	3L:-:9023285-9023238	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_44189	AHSDLYTFAIWAR	AGAP010733-PA	-	111	1.29E-10	1	1550.775	0.14	Midgut	3L:-:9021879-9021841	exon=> In CDS Exon 4 of transcript AGAP010733-PA
JHU_Ag_44705	LYVAQVPK	AGAP010733-PA	-	56	1.45E-05	2	917.544	-1.19	Pupa	3L:-:9022630-9022607	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_46732	YVVINLTEK	AGAP010733-PA	-	39	0.000746194	1	1078.614	0.1	Pupa	3L:-:9023204-9023178	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_47086	MTFPNAAINKIPQPK	AGAP010733-PA	M1(Oxidation)	36	0.002128342	1	1685.909	2.99	Larva	3L:-:9022606-9022562	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_52214	CPEAGDVRPCSADGLYHFNTNVAFDR	AGAP010733-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	68	1.18E-06	1	2968.312	0.76	Malpighian tubule	3L:-:9023171-9023094	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_52662	CPEAGDVRPCSADGLYHFNTNVAFDR	AGAP010733-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	123	3.73E-12	1	2968.317	2.42	Larva	3L:-:9023171-9023094	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_53889	RGELTTVMNHEPQTK	AGAP010733-PA	M8(Oxidation)	73	7.61E-07	1	1740.871	0.68	Malpighian tubule	3L:-:9022751-9023504,9022388-9022631	exon=> In CDS Exon 2 and 1 of transcript AGAP010733-PA
JHU_Ag_54812	VATASFVPHPK	AGAP010733-PA	-	73	3.39E-07	1	1153.639	2.55	Malpighian tubule	3L:-:9023318-9023286	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_56208	DAIAPCNILEYEPVVR	AGAP010733-PA	C6(Carbamidomethyl)	86	4.01E-08	1	1858.946	4.78	Head	3L:-:9023285-9023238	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_57476	YVVINLTEK	AGAP010733-PA	-	67	8.96E-07	1	1078.618	3.27	Larva	3L:-:9023204-9023178	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_58660	AHSDLYTFAIWAR	AGAP010733-PA	-	66	3.71E-06	1	1550.782	4.74	Larva	3L:-:9021879-9021841	exon=> In CDS Exon 4 of transcript AGAP010733-PA
JHU_Ag_62473	EGVVVSR	AGAP010733-PA	-	41	0.002709404	2	745.420	-0.31	Midgut	3L:-:9023093-9023073	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_63525	VATASFVPHPK	AGAP010733-PA	-	64	2.98E-06	2	1153.636	-0.48	Midgut	3L:-:9023318-9023286	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_65723	VDGETAETSTANR	AGAP010733-PA	-	69	1.66E-06	2	1350.613	-0.39	Midgut	3L:-:9023441-9023403	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_68385	DQIDKYATK	AGAP010733-PA	-	46	0.000317444	1	1081.546	-5.9	Malpighian tubule	3L:-:9022522-9022496	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_74966	RGELTTVMNHEPQTK	AGAP010733-PA	M8(Oxidation),"M8(Oxidation), N9(Deamidated)"	62	8.46E-06	1	1756.870	3.23	Larva	3L:-:9022751-9023504,9022388-9022631	exon=> In CDS Exon 2 and 1 of transcript AGAP010733-PA
JHU_Ag_75565	RGELTTVMNHEPQTK	AGAP010733-PA	-	37	0.003396613	1	1740.869	-0.37	Midgut	3L:-:9022751-9023504,9022388-9022631	exon=> In CDS Exon 2 and 1 of transcript AGAP010733-PA
JHU_Ag_85513	RFAATEAYDEAVTFNTITIQAK	AGAP010733-PA	-	52	0.000104306	2	2460.240	-0.24	Midgut	3L:-:9022159-9022094	exon=> In CDS Exon 3 of transcript AGAP010733-PA
JHU_Ag_87781	DAIAPCNILEYEPVVR	AGAP010733-PA	C6(Carbamidomethyl)	96	3.70E-09	1	1858.941	2.48	Midgut	3L:-:9023285-9023238	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_89281	DAIAPCNILEYEPVVR	AGAP010733-PA	C6(Carbamidomethyl)	77	2.87E-07	1	1858.939	1.03	Pupa	3L:-:9023285-9023238	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_91748	VATASFVPHPK	AGAP010733-PA	-	73	4.33E-07	1	1153.637	0.04	Pupa	3L:-:9023318-9023286	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_94741	MTFPNAAINK	AGAP010733-PA	M1(Oxidation)	56	4.14E-05	2	1122.564	2.45	Larva	3L:-:9022606-9022577	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_106784	DQIDKYATK	AGAP010733-PA	-	62	6.94E-06	1	1081.552	-0.48	Midgut	3L:-:9022522-9022496	exon=> In CDS Exon 2 of transcript AGAP010733-PA

JHU_Ag_110203	KYVVINLTEK	AGAP010733-PA	-	40	0.000262522	2	1206.706	-2.54	Midgut	3L:-:9023207-9023178	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_110379	DQIDKYATK	AGAP010733-PA	-	62	7.43E-06	1	1081.552	-0.6	Pupa	3L:-:9022522-9022496	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_110566	VATASFVPHPK	AGAP010733-PA	-	73	4.35E-07	1	1153.641	3.64	Larva	3L:-:9023318-9023286	exon=> In CDS Exon 1 of transcript AGAP010733-PA
JHU_Ag_111818	AHSDLYTFAIWAR	AGAP010733-PA	-	62	9.85E-06	2	1550.779	2.43	Pupa	3L:-:9021879-9021841	exon=> In CDS Exon 4 of transcript AGAP010733-PA
JHU_Ag_117060	LYVAQVPK	AGAP010733-PA	-	45	0.000190773	2	917.547	1.41	Larva	3L:-:9022630-9022607	exon=> In CDS Exon 2 of transcript AGAP010733-PA
JHU_Ag_5560	APSSCYPIIVPEHDPAHSQTETECINFVR	AGAP010734-PA	C5(Carbamidomethyl), C24(Carbamidomethyl)	101	9.61E-10	1	3354.554	0.64	Pupa	3L:+:9069618-9069704	exon=> In CDS Exon 3 of transcript AGAP010734-PA
JHU_Ag_10652	ASTWEDLMDLISPQDVSK	AGAP010734-PA	M8(Oxidation)	53	7.66E-05	1	2050.967	1.57	Pupa	3L:+:9070687-9070740	exon=> In CDS Exon 4 of transcript AGAP010734-PA
JHU_Ag_13137	LDLVSEIR	AGAP010734-PA	-	54	6.84E-05	1	944.541	0.01	Pupa	3L:+:9070308-9070312,9070401-9070419	exon=> In CDS Exon 3 and 4 of transcript AGAP010734-PA
JHU_Ag_30963	YFHSQIEGR	AGAP010734-PA	-	40	0.001676475	1	1136.546	-1.7	Pupa	3L:+:9070281-9070307	exon=> In CDS Exon 3 of transcript AGAP010734-PA
JHU_Ag_31913	YNPHWDDELLFQEAR	AGAP010734-PA	-	85	4.56E-08	1	1932.891	1.76	Pupa	3L:+:9070053-9070097	exon=> In CDS Exon 3 of transcript AGAP010734-PA
JHU_Ag_35370	ASTWEDLMDLISPQDVSK	AGAP010734-PA	M8(Oxidation)	59	1.94E-05	1	2050.971	3.24	Larva	3L:+:9070687-9070740	exon=> In CDS Exon 4 of transcript AGAP010734-PA
JHU_Ag_46499	VNQNPGLTIMQIVLLR	AGAP010734-PA	-	86	7.45E-09	2	1809.043	0.99	Pupa	3L:+:9069972-9070019	exon=> In CDS Exon 3 of transcript AGAP010734-PA
JHU_Ag_55762	GLATQPEELTDTNFDAEIK	AGAP010734-PA	-	100	1.42E-09	1	2092.008	-0.15	Pupa	3L:+:9070507-9070563	exon=> In CDS Exon 4 of transcript AGAP010734-PA
JHU_Ag_66010	GGEYINDYDPSQDPSVLNSHATAAFR	AGAP010734-PA	-	91	7.91E-09	1	2824.279	-0.59	Pupa	3L:+:9070203-9070280	exon=> In CDS Exon 3 of transcript AGAP010734-PA
JHU_Ag_71072	YGDGISLPTVSVTGQELPNAR	AGAP010734-PA	-	43	0.000599331	2	2174.122	6.09	Larva	3L:+:9069302-9069364	exon=> In CDS Exon 2 of transcript AGAP010734-PA
JHU_Ag_84288	LSDWFNRPSIIEAGDNYDFLTR	AGAP010734-PA	-	163	7.98E-16	1	2629.274	2.19	Pupa	3L:+:9070441-9070506	exon=> In CDS Exon 4 of transcript AGAP010734-PA
JHU_Ag_86293	TLDGSCNNLQNPTWGTPNRR	AGAP010734-PA	C6(Carbamidomethyl)	89	2.22E-08	1	2301.080	0.35	Pupa	3L:+:9069218-9069277	exon=> In CDS Exon 2 of transcript AGAP010734-PA
JHU_Ag_88299	GDKDLAFTR	AGAP010734-PA	-	66	3.21E-06	1	1022.526	-1.07	Pupa	3L:+:9070900-9070926	exon=> In CDS Exon 4 of transcript AGAP010734-PA
JHU_Ag_89207	ISHSNQVVPCSQIPEVDLSLWK	AGAP010734-PA	C10(Carbamidomethyl)	59	1.52E-05	1	2536.289	0.91	Pupa	3L:+:9071023-9071088	exon=> In CDS Exon 4 of transcript AGAP010734-PA
JHU_Ag_89892	YGDGISLPTVSVTGQELPNAR	AGAP010734-PA	-	131	1.03E-12	1	2174.117	3.51	Pupa	3L:+:9069302-9069364	exon=> In CDS Exon 2 of transcript AGAP010734-PA
JHU_Ag_75736	AIDIQR	AGAP010734-PA,AGAP013327-PA	-	46	0.000262068	2	715.410	-0.05	Salivary gland	3L:+:9070609-9070626;3L:+:1078 7541-10787558	exon=> In CDS Exon 4 of transcript AGAP010734-PA;exon=> In CDS Exon 3 of transcript AGAP013327-PA
JHU_Ag_111887	AIDIQR	AGAP010734-PA,AGAP013327-PA	-	40	0.001276221	2	715.409	-1.5	Pupa	3L:+:9070609-9070626;3L:+:1078 7541-10787558	exon=> In CDS Exon 4 of transcript AGAP010734-PA;exon=> In CDS Exon 3 of transcript AGAP013327-PA
JHU_Ag_4830	HPQATSACTLNAATDTCYLTGDER	AGAP010735-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	166	1.76E-16	1	2653.161	-0.28	Salivary gland	3L:-:9091196-9091125	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_13646	LLSMTMFNDQNILDPR	AGAP010735-PA	M6(Oxidation),M4(Oxidation),"M4(Oxidation), M6(Oxidation)"	103	8.61E-10	1	1907.937	1.02	Salivary gland	3L:-:9091637-9091590	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_15931	TFDGTCNNLQNPSWGSANTPYGR	AGAP010735-PA	C6(Carbamidomethyl)	139	6.75E-14	1	2557.123	2.52	Salivary gland	3L:-:9103026-9102958	exon=> In CDS Exon 1 of transcript AGAP010735-PA
JHU_Ag_21215	CFAIPVRPDDPVLSAGGIQCLDLVR	AGAP010735-PA	C1(Carbamidomethyl), C20(Carbamidomethyl)	168	1.47E-16	1	2768.428	1.95	Salivary gland	3L:-:9091466-9091392	exon=> In CDS Exon 7 of transcript AGAP010735-PA

JHU_Ag_25073	SNITPELTILHVAFLR	AGAP010735-PA	-	123	1.13E-12	1	1824.045	3.82	Salivary gland	3L:-:9102366-9102319	exon=> In CDS Exon 2 of transcript AGAP010735-PA
JHU_Ag_33351	QYCGLGR	AGAP010735-PA	C3(Carbamidomethyl)	49	0.000131646	2	853.398	-0.62	Salivary gland	3L:-:9101697-9101677	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_37574	SRDHGIAGYNAFR	AGAP010735-PA	-	90	1.37E-08	1	1463.714	0.3	Salivary gland	3L:-:9101736-9101698	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_38569	FFFENGNRPSSFTPPQLNDIR	AGAP010735-PA	-	59	2.01E-05	1	2483.210	-0.26	Head	3L:-:9090165-9090103	exon=> In CDS Exon 9 of transcript AGAP010735-PA
JHU_Ag_40219	DYVNDYTPSINPASLNSHANGAFR	AGAP010735-PA	N16(Deamidated),N20(Deamidated)	190	1.44E-18	1	2623.224	2.64	Salivary gland	3L:-:9090893-9090822	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_41450	ALDIQR	AGAP010735-PA	-	40	0.001276221	2	715.409	-1.5	Pupa	3L:-:9101754-9101737	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_47475	ALDIQR	AGAP010735-PA	-	46	0.00026268	2	715.410	-0.05	Salivary gland	3L:-:9101754-9101737	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_47817	NDLSFDPEIK	AGAP010735-PA	N1(Deamidated)	66	4.04E-06	1	1178.555	-1.82	Salivary gland	3L:-:9090588-9090559	exon=> In CDS Exon 8 of transcript AGAP010735-PA
JHU_Ag_59477	GMTTQPMGR	AGAP010735-PA	M2(Oxidation), M7(Oxidation)	54	1.99E-05	2	1010.439	-0.91	Salivary gland	3L:-:9101856-9101830	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_60903	FFFENGNRPSSFTPPQLNDIR	AGAP010735-PA	N5(Deamidated),N7(Deamidated)	112	9.76E-11	1	2483.210	-0.11	Salivary gland	3L:-:9090165-9090103	exon=> In CDS Exon 9 of transcript AGAP010735-PA
JHU_Ag_61221	ARPLWNDEKVFQEAR	AGAP010735-PA	-	73	7.68E-07	1	1858.955	-0.62	Salivary gland	3L:-:9091043-9090999	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_64924	AFQQISDANPLVPCTMMPSLDAR	AGAP010735-PA	C14(Carbamidomethyl),"C14(Carbamidomethyl), M17(Oxidation)","C14(Carbamidomethyl), M16(Oxidation)"	49	0.000183118	1	2562.217	0.67	Salivary gland	3L:-:9090039-9089971	exon=> In CDS Exon 9 of transcript AGAP010735-PA
JHU_Ag_74617	DHGIAGYNAFR	AGAP010735-PA	-	79	1.65E-07	1	1220.581	0.2	Salivary gland	3L:-:9101730-9101698	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_78681	LAQQLCK	AGAP010735-PA	C6(Carbamidomethyl)	48	0.000290113	2	860.465	-1.23	Salivary gland	3L:-:9091064-9091044	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_79923	ILCDNTPGVAQMQQR	AGAP010735-PA	C3(Carbamidomethyl), M12(Oxidation),C3(Carbamidomethyl)	110	1.53E-10	1	1746.828	0.75	Salivary gland	3L:-:9101326-9101282	exon=> In CDS Exon 4 of transcript AGAP010735-PA
JHU_Ag_87192	HIPGTQAGPTYHCILMEQFLR	AGAP010735-PA	C13(Carbamidomethyl), M16(Oxidation),C13(Carbamidomethyl)	98	2.42E-09	1	2469.222	2.18	Salivary gland	3L:-:9101488-9101426	exon=> In CDS Exon 4 of transcript AGAP010735-PA
JHU_Ag_88267	QQAQQLNAATSFLDLSVVYGNSGQQNAQLR	AGAP010735-PA	-	184	4.13E-18	1	3249.628	0.88	Salivary gland	3L:-:9102588-9102499	exon=> In CDS Exon 1 of transcript AGAP010735-PA
JHU_Ag_89501	AFAGAININDHMFNPTVLER	AGAP010735-PA	N9(Deamidated), M12(Oxidation),M12(Oxidation)	134	7.08E-13	1	2230.116	3.73	Salivary gland	3L:-:9090702-9090643	exon=> In CDS Exon 8 of transcript AGAP010735-PA
JHU_Ag_90082	FFFENGNRPSSFTPPQLNDIRK	AGAP010735-PA	N5(Deamidated)	125	4.08E-12	1	2611.299	-2.24	Salivary gland	3L:-:9090165-9090100	exon=> In CDS Exon 9 of transcript AGAP010735-PA
JHU_Ag_95050	TTLVNMQFGQLVAHDMGLR	AGAP010735-PA	M16(Oxidation),M6(Oxidation),"M6(Oxidation), M16(Oxidation)"	148	2.27E-14	1	2131.084	2.34	Salivary gland	3L:-:9102831-9102775	exon=> In CDS Exon 1 of transcript AGAP010735-PA
JHU_Ag_99231	TRDYVNDYTPSINPASLNSHANGAFR	AGAP010735-PA	N22(Deamidated)	163	6.52E-16	1	2880.363	-0.91	Salivary gland	3L:-:9090899-9090822	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_106988	SKTGAQLPSAR	AGAP010735-PA	-	54	5.51E-05	2	1115.616	-1.03	Salivary gland	3L:-:9091670-9091638	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_108977	LLPAEYGDGVYVPR	AGAP010735-PA	-	108	2.34E-10	1	1548.807	1.09	Salivary gland	3L:-:9102957-9102916	exon=> In CDS Exon 1 of transcript AGAP010735-PA

JHU_Ag_109326	WEDFVELR	AGAP010735-PA	-	52	9.98E-05	1	1093.533	1.41	Salivary gland	3L:-:9101667-9101644	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_111920	TGAQLPSAR	AGAP010735-PA	-	55	3.41E-05	1	900.489	-0.48	Salivary gland	3L:-:9091664-9091638	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_111957	AGSSDQVACCQNGR	AGAP010735-PA	C9(Carbamidomethyl), C10(Carbamidomethyl), N12(Deamidated),"C9(Carbamidomethyl), C10(Carbamidomethyl)"	66	6.31E-07	2	1510.601	0.33	Salivary gland	3L:-:9091532-9091491	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_113979	TLNTCDVNPSSCANR	AGAP010735-PA	C5(Carbamidomethyl), C12(Carbamidomethyl)	108	1.08E-10	1	1708.740	1.16	Salivary gland	3L:-:9102633-9102589	exon=> In CDS Exon 1 of transcript AGAP010735-PA
JHU_Ag_114929	ARPLWNDEK	AGAP010735-PA	-	52	7.42E-05	2	1128.579	-0.48	Salivary gland	3L:-:9091043-9091017	exon=> In CDS Exon 7 of transcript AGAP010735-PA
JHU_Ag_116082	ATRWEDFVELR	AGAP010735-PA	-	56	4.11E-05	3	1421.717	-0.39	Salivary gland	3L:-:9101676-9101644	exon=> In CDS Exon 3 of transcript AGAP010735-PA
JHU_Ag_29498	IEGLNGQLPNLDLHNLVQK	AGAP010738-PA	-	49	5.10E-05	1	2115.170	6.59	Head	3L:+:9134912-9134968	exon=> In CDS Exon 2 of transcript AGAP010738-PA
JHU_Ag_73645	YGIEALTLEAVK	AGAP010738-PA	-	72	5.58E-07	2	1306.723	-1.75	Midgut	3L:+:9135125-9135160	exon=> In CDS Exon 2 of transcript AGAP010738-PA
JHU_Ag_103736	SLNNLLER	AGAP010738-PA	N3(Deamidated), N4(Deamidated)	42	0.001383931	2	960.500	0.18	Visceras	3L:+:9135233-9135256	exon=> In CDS Exon 2 of transcript AGAP010738-PA
JHU_Ag_112278	IEGLNGQLPNLDLHNLVQK	AGAP010738-PA	-	30	0.005198462	1	2115.154	-0.94	Midgut	3L:+:9134912-9134968	exon=> In CDS Exon 2 of transcript AGAP010738-PA
JHU_Ag_56006	HFDGESLDGEQALAIIR	AGAP010739-PA	-	152	8.95E-15	1	1870.935	2.82	Head	3L:+:9149240-9149290	exon=> In CDS Exon 2 of transcript AGAP010739-PA
JHU_Ag_80299	DLHAK	AGAP010740-PA,AGAP004715-PA	-	26	0.007419899	1	583.321	2.03	Head	3L:-:9161072-9161058;2L:+:2616116-2616130	exon=> In CDS Exon 3 of transcript AGAP010740-PA;exon=> In CDS Exon 1 of transcript AGAP004715-PA
JHU_Ag_578	LPNDPYMQGNGYKPAPLDLSAAVLTPK	AGAP010750-PA	M7(Oxidation), Q8(Deamidated),"M7(Oxidation), N10(Deamidated)",N10(Deamidated)	65	3.30E-06	1	2871.469	3.03	Pupa	3L:+:9798494-9798574	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_946	TPTTLPLSAAVLPTSDK	AGAP010750-PA	-	97	1.19E-09	1	1711.948	-0.1	Head	3L:+:9803686-9803736	exon=> In CDS Exon 14 of transcript AGAP010750-PA
JHU_Ag_1209	VIISLLEK	AGAP010750-PA	-	24	0.004525826	2	914.594	2.21	Larva	3L:+:9797393-9797416	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_2609	VPLAIFK	AGAP010750-PA	-	33	0.001156675	2	787.506	-2.02	Visceras	3L:+:9817443-9817463	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_4994	ANWEFLR	AGAP010750-PA	-	48	0.000235053	2	935.473	-0.83	Visceras	3L:+:9802472-9802492	exon=> In CDS Exon 12 of transcript AGAP010750-PA
JHU_Ag_5415	IGWANTAGYVPYPGGGEK	AGAP010750-PA	-	68	2.69E-06	2	1836.893	0.96	Visceras	3L:+:9797687-9797740	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_7411	NLEEDDLENASCGPELR	AGAP010750-PA	C12(Carbamidomethyl)	51	5.72E-05	2	1960.860	2.5	Visceras	3L:+:9805449-9805499	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_8504	LNWLFSR	AGAP010750-PA	-	42	0.000602566	1	935.513	3.47	Larva	3L:+:9797264-9797284	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_8778	YYGTTGGGQASQFGASSDEEK	AGAP010750-PA	-	108	9.41E-11	2	2139.912	0.9	Head	3L:+:9807468-9807530	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_10614	GPAQEEEEPIPEAEPSLR	AGAP010750-PA	-	61	1.44E-05	2	1977.943	1.42	Head	3L:+:9816627-9816680	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_10871	RPVTHWYTK	AGAP010750-PA	-	34	0.006121049	1	1187.632	0.22	Pupa	3L:+:9802316-9802342	exon=> In CDS Exon 12 of transcript AGAP010750-PA

JHU_Ag_11704	ALPPLPLEEPPGTVQAFGLDISKEENGQYR	AGAP010750-PA	N26(Deamidated),Q28(Deamidated),Q15(Deamidated)	33	0.00452292	1	3266.669	3.31	Visceras	3L:+:9816681-9816770	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_12813	ANWEFLR	AGAP010750-PA	-	42	0.000948064	2	935.472	-1.03	Pupa	3L:+:9802472-9802492	exon=> In CDS Exon 12 of transcript AGAP010750-PA
JHU_Ag_13523	KNEELDQCGGAIHAQLVPYDLLTDK	AGAP010750-PA	C8(Carbamidomethyl)	62	8.82E-06	1	2827.387	-2.33	Head	3L:+:9808743-9808817	exon=> In CDS Exon 20 of transcript AGAP010750-PA
JHU_Ag_14861	LLEDAFLPDLR	AGAP010750-PA	-	47	0.000246562	2	1301.717	5.31	Larva	3L:+:9807069-9807101	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_15457	IATYTQQIIINSSEELLK	AGAP010750-PA	-	91	5.85E-09	2	2064.121	-0.84	Head	3L:+:9810244-9810297	exon=> In CDS Exon 22 of transcript AGAP010750-PA
JHU_Ag_17257	RAQAQSDAPVQTADGEESAPK	AGAP010750-PA	-	80	1.61E-07	1	2156.025	1.57	Pupa	3L:+:9806079-9806141	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_17490	LYNFINAVK	AGAP010750-PA	-	36	0.00155836	1	1081.607	2.78	Pupa	3L:+:9805620-9805646	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_18567	TLLYGNAILLR	AGAP010750-PA	-	48	2.53E-05	1	1246.752	0.43	Visceras	3L:+:9795453-9795485	exon=> In CDS Exon 3 of transcript AGAP010750-PA
JHU_Ag_18694	LLPVGLNLFAGK	AGAP010750-PA	-	43	7.03E-05	2	1241.765	2.52	Head	3L:+:9810876-9810911	exon=> In CDS Exon 23 of transcript AGAP010750-PA
JHU_Ag_19977	EANIEQWEKPQIK	AGAP010750-PA	-	56	2.97E-05	2	1612.837	2.22	Pupa	3L:+:9816153-9816191	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_23112	DQAFTYISEEEEER	AGAP010750-PA	-	59	9.96E-06	2	1745.752	1.21	Head	3L:+:9816348-9816389	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_24003	IADTSLEAQDIMSK	AGAP010750-PA	M12(Oxidation)	76	3.48E-07	2	1537.743	0.72	Visceras	3L:+:9809917-9809958	exon=> In CDS Exon 22 of transcript AGAP010750-PA
JHU_Ag_25244	LLLVGVITNEDVEK	AGAP010750-PA	-	78	5.88E-08	2	1541.882	2.54	Pupa	3L:+:9804988-9805029	exon=> In CDS Exon 17 of transcript AGAP010750-PA
JHU_Ag_25585	LLEDAFLPDLR	AGAP010750-PA	-	51	0.000122675	1	1301.711	0.34	Midgut	3L:+:9807069-9807101	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_27669	LLPVGLNLFAGK	AGAP010750-PA	-	43	3.54E-05	2	1241.766	3.5	Visceras	3L:+:9810876-9810911	exon=> In CDS Exon 23 of transcript AGAP010750-PA
JHU_Ag_27844	GDVIGCTLDLSVPVIR	AGAP010750-PA	C6(Carbamidomethyl)	47	0.000215774	2	1713.920	-0.15	Visceras	3L:+:9797864-9797911	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_29379	SAAVSGDMPASGGK	AGAP010750-PA	M8(Oxidation)	56	3.32E-05	1	1250.573	3.76	Head	3L:+:9810747-9810788	exon=> In CDS Exon 23 of transcript AGAP010750-PA
JHU_Ag_30933	HSSQVDLLK	AGAP010750-PA	-	40	0.00083631	1	1026.554	-3.41	Head	3L:+:9815574-9815600	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_32055	ELEEDPKEPVEEEK	AGAP010750-PA	-	38	0.002027399	1	1699.790	-0.77	Visceras	3L:+:9805647-9805688	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_33381	VHENVMAVMMNTLGR	AGAP010750-PA	M6(Oxidation), M9(Oxidation), M10(Oxidation)	43	0.000735956	2	1749.811	1.52	Head	3L:+:9806034-9806078	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_34605	IEAGWTWGER	AGAP010750-PA	-	53	7.18E-05	2	1204.575	0.63	Pupa	3L:+:9798296-9798325	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_34677	VYGIETQELFYR	AGAP010750-PA	-	70	1.53E-06	2	1517.769	3.76	Pupa	3L:+:9807033-9807068	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_35574	YSETYDFDSISNLLGMEK	AGAP010750-PA	M16(Oxidation)	34	0.003784496	2	2127.942	-0.39	Visceras	3L:+:9817629-9817682	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_36014	TPTTLPLSAAVLPTSDK	AGAP010750-PA	-	70	6.10E-07	2	1711.950	1.19	Visceras	3L:+:9803686-9803736	exon=> In CDS Exon 14 of transcript AGAP010750-PA
JHU_Ag_37273	FISGLETLQENR	AGAP010750-PA	-	53	7.80E-05	2	1406.734	4.5	Larva	3L:+:9796806-9796813,9796879-9796906	exon=> In CDS Exon 6 and 7 of transcript AGAP010750-PA
JHU_Ag_39352	DQATTSQTAFVLR	AGAP010750-PA	-	59	1.59E-05	2	1437.734	0.28	Pupa	3L:+:9796473-9796511	exon=> In CDS Exon 6 of transcript AGAP010750-PA

JHU_Ag_40215	QYDTIGELIK	AGAP010750-PA	-	40	0.001054577	2	1179.627	1.58	Pupa	3L:+:9805806-9805835	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_43501	VPNTALQVHALK	AGAP010750-PA	-	50	4.52E-05	1	1290.752	-0.51	Pupa	3L:+:9803803-9803838	exon=> In CDS Exon 14 of transcript AGAP010750-PA
JHU_Ag_44171	AQAQSDAPVQTADGEESAPK	AGAP010750-PA	-	46	0.000335808	1	1999.917	-1.57	Visceras	3L:+:9806082-9806141	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_45418	YIGNSILPLLIK	AGAP010750-PA	-	82	2.08E-09	2	1343.832	1.55	Visceras	3L:+:9807165-9807200	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_46142	GPAQEEEEPIPEAEPSLR	AGAP010750-PA	-	89	1.90E-08	1	1977.938	-0.98	Visceras	3L:+:9816627-9816680	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_47003	QSIVLFLER	AGAP010750-PA	-	67	9.82E-07	2	1104.642	0.39	Visceras	3L:+:9807006-9807032	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_48503	VGDDLILVSVATER	AGAP010750-PA	-	64	4.72E-06	2	1486.814	1.79	Pupa	3L:+:9795911-9795952	exon=> In CDS Exon 4 of transcript AGAP010750-PA
JHU_Ag_50155	IATYTQQIIINSSEELLK	AGAP010750-PA	-	65	2.34E-06	2	2064.122	-0.36	Visceras	3L:+:9810244-9810297	exon=> In CDS Exon 22 of transcript AGAP010750-PA
JHU_Ag_50814	FTLTNPALGEDRPK	AGAP010750-PA	-	42	0.000896472	1	1558.826	2.33	Head	3L:+:9806928-9806969	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_50934	DQAFTYISEEEEER	AGAP010750-PA	-	63	3.65E-06	2	1745.752	0.93	Pupa	3L:+:9816348-9816389	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_51471	IEAGWTWGER	AGAP010750-PA	-	45	0.000390186	2	1204.575	0.73	Visceras	3L:+:9798296-9798325	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_51639	VVYGQDVDSLK	AGAP010750-PA	-	48	0.000212	2	1222.632	0.06	Pupa	3L:+:9802153-9802185	exon=> In CDS Exon 11 of transcript AGAP010750-PA
JHU_Ag_52153	LLPVGLNLFAGK	AGAP010750-PA	-	28	0.002508234	2	1241.763	1.34	Pupa	3L:+:9810876-9810911	exon=> In CDS Exon 23 of transcript AGAP010750-PA
JHU_Ag_53031	HAAIYVEDENEK	AGAP010750-PA	-	104	3.93E-10	1	1417.654	-3.95	Head	3L:+:9803306-9803341	exon=> In CDS Exon 13 of transcript AGAP010750-PA
JHU_Ag_53831	LVNNHTFFQHPDLIR	AGAP010750-PA	-	98	1.70E-09	1	1850.972	3.11	Head	3L:+:9805980-9806024	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_54340	VVLEDKDLEIIGAPIIK	AGAP010750-PA	-	39	8.39E-05	3	1865.104	2.63	Visceras	3L:+:9796533-9796583	exon=> In CDS Exon 6 of transcript AGAP010750-PA
JHU_Ag_54472	LLPVGLNLFAGK	AGAP010750-PA	-	42	4.33E-05	2	1241.770	6.45	Larva	3L:+:9810876-9810911	exon=> In CDS Exon 23 of transcript AGAP010750-PA
JHU_Ag_54535	YSETYDFDSISNLLGMEK	AGAP010750-PA	M16(Oxidation)	67	2.47E-06	1	2127.965	10.63	Larva	3L:+:9817629-9817682	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_54902	IADTSLEAQDIMSK	AGAP010750-PA	-	45	0.000545975	2	1521.760	9.02	Head	3L:+:9809917-9809958	exon=> In CDS Exon 22 of transcript AGAP010750-PA
JHU_Ag_55761	SGALQEDPLYMSYASIVAR	AGAP010750-PA	-	61	1.23E-05	2	2071.018	0.87	Pupa	3L:+:9814502-9814558	exon=> In CDS Exon 27 of transcript AGAP010750-PA
JHU_Ag_58494	LFPAIFVEATSK	AGAP010750-PA	-	62	3.50E-06	2	1322.739	2.58	Pupa	3L:+:9803623-9803658	exon=> In CDS Exon 14 of transcript AGAP010750-PA
JHU_Ag_58642	LKPYNTLSEYER	AGAP010750-PA	-	90	1.48E-08	1	1512.767	-1.28	Head	3L:+:9807894-9807923,9807991-9807996	exon=> In CDS Exon 18 and 19 of transcript AGAP010750-PA
JHU_Ag_61511	YIGNSILPLLIK	AGAP010750-PA	-	56	7.50E-07	2	1343.833	2.64	Pupa	3L:+:9807165-9807200	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_62039	FYNEAENYASLLDATLHTVYR	AGAP010750-PA	-	70	1.65E-06	3	2490.197	1.2	Larva	3L:+:9807210-9807272	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_63267	VYGIETQELFYR	AGAP010750-PA	-	37	0.003341001	2	1517.764	0.38	Head	3L:+:9807033-9807068	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_63512	ILSALYTLGTDTSLTR	AGAP010750-PA	-	76	1.82E-07	2	1724.943	0.05	Head	3L:+:9809728-9809775	exon=> In CDS Exon 22 of transcript AGAP010750-PA
JHU_Ag_65179	IQQGWTYGLNEDSENLR	AGAP010750-PA	-	65	4.77E-06	2	2022.953	0.82	Pupa	3L:+:9798635-9798685	exon=> In CDS Exon 7 of transcript AGAP010750-PA

JHU_Ag_65372	LNWLFSR	AGAP010750-PA	-	35	0.004157976	2	935.512	1.9	Pupa	3L:+:9797264-9797284	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_65527	FIQLTCEGHNLDWQNYLR	AGAP010750-PA	C6(Carbamidomethyl)	94	5.17E-09	1	2307.107	3.96	Visceras	3L:+:9815217-9815270	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_65874	HCFLENIADK	AGAP010750-PA	C2(Carbamidomethyl)	72	7.84E-07	1	1246.586	-1.95	Head	3L:+:9791288-9791317	exon=> In CDS Exon 2 of transcript AGAP010750-PA
JHU_Ag_66395	DGLSYSMYMISPSNIK	AGAP010750-PA	M7(Oxidation), M9(Oxidation)	46	0.00029525	2	1837.838	1.68	Larva	3L:+:9816432-9816479	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_66507	VLYGLHMIDHPQQQSK	AGAP010750-PA	M7(Oxidation)	48	0.000209146	1	1909.962	1.37	Head	3L:+:9811233-9811253,9811575-9811601	exon=> In CDS Exon 24 and 25 of transcript AGAP010750-PA
JHU_Ag_67072	FISGLETLQENR	AGAP010750-PA	-	71	1.05E-06	1	1406.728	0.51	Head	3L:+:9796806-9796813,9796879-9796906	exon=> In CDS Exon 6 and 7 of transcript AGAP010750-PA
JHU_Ag_67826	DIYSFYPLLIK	AGAP010750-PA	-	57	2.25E-05	2	1371.759	2.14	Visceras	3L:+:9810525-9810557	exon=> In CDS Exon 23 of transcript AGAP010750-PA
JHU_Ag_68531	YLDFLR	AGAP010750-PA	-	36	0.001520809	2	826.444	-1.63	Visceras	3L:+:9806481-9806498	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_69345	DPIGGSNENLFLPLIK	AGAP010750-PA	-	83	4.71E-08	2	1726.942	2.71	Visceras	3L:+:9804867-9804901,9804963-9804975	exon=> In CDS Exon 16 and 17 of transcript AGAP010750-PA
JHU_Ag_70039	LLEDAFLPDLR	AGAP010750-PA	-	73	7.94E-07	2	1301.713	2.03	Visceras	3L:+:9807069-9807101	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_71399	DPIGGSNENLFLPLIK	AGAP010750-PA	-	134	3.94E-13	1	1726.944	3.77	Head	3L:+:9804867-9804901,9804963-9804975	exon=> In CDS Exon 16 and 17 of transcript AGAP010750-PA
JHU_Ag_71668	DQPIFENTDEIPECK	AGAP010750-PA	C14(Carbamidomethyl)	81	7.22E-08	1	1834.820	1.8	Head	3L:+:9802343-9802387	exon=> In CDS Exon 12 of transcript AGAP010750-PA
JHU_Ag_71743	VVLEDKDLEIIGAPIIK	AGAP010750-PA	-	50	7.05E-06	2	1865.102	1.59	Pupa	3L:+:9796533-9796583	exon=> In CDS Exon 6 of transcript AGAP010750-PA
JHU_Ag_71763	YIGNSILPLLIK	AGAP010750-PA	-	57	5.42E-07	2	1343.835	4.18	Head	3L:+:9807165-9807200	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_71835	IGWANTAGYVPYPGGGEK	AGAP010750-PA	-	64	6.13E-06	2	1836.894	1.16	Pupa	3L:+:9797687-9797740	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_71883	ELEEDPKEPVEEEK	AGAP010750-PA	-	34	0.005459188	1	1699.794	1.6	Head	3L:+:9805647-9805688	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_72060	EFVMSALQEAVQINQVHNR	AGAP010750-PA	-	40	0.001482971	1	2213.117	1.87	Visceras	3L:+:9804810-9804866	exon=> In CDS Exon 16 of transcript AGAP010750-PA
JHU_Ag_73271	DQAFTYISEEEEER	AGAP010750-PA	-	98	1.18E-09	2	1745.752	1	Visceras	3L:+:9816348-9816389	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_74632	LLEDAFLPDLR	AGAP010750-PA	-	66	3.83E-06	2	1301.713	2.31	Pupa	3L:+:9807069-9807101	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_74807	LNWLFSR	AGAP010750-PA	-	46	0.000293296	2	935.509	-1.03	Visceras	3L:+:9797264-9797284	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_76439	AQEATLASIEAESK	AGAP010750-PA	-	64	6.07E-06	2	1447.730	1.88	Pupa	3L:+:9816963-9817004	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_78054	LVNNHTFFQHPDLIR	AGAP010750-PA	-	64	4.88E-06	1	1850.973	3.96	Larva	3L:+:9805980-9806024	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_78135	DLEIIGAPIIK	AGAP010750-PA	-	68	2.06E-07	2	1181.715	0.49	Head	3L:+:9796551-9796583	exon=> In CDS Exon 6 of transcript AGAP010750-PA
JHU_Ag_78917	NLEEDDLENASCGPELR	AGAP010750-PA	C12(Carbamidomethyl)	73	2.65E-07	2	1960.847	-4.1	Head	3L:+:9805449-9805499	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_79796	TLELGIAVLR	AGAP010750-PA	-	57	6.33E-06	2	1084.673	0.23	Pupa	3L:+:9814965-9814994	exon=> In CDS Exon 28 of transcript AGAP010750-PA

JHU_Ag_80194	FISGLETLQENR	AGAP010750-PA	-	84	4.82E-08	2	1406.727	-0.19	Visceras	3L:+:9796806-9796813,9796879-9796906	exon=> In CDS Exon 6 and 7 of transcript AGAP010750-PA
JHU_Ag_81508	RLEFDGLFIAEQPEDDDIK	AGAP010750-PA	-	42	0.000925098	1	2250.101	3.84	Head	3L:+:9817485-9817541	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_81855	IGWANTAGYVPYPGGGEK	AGAP010750-PA	-	94	5.96E-09	1	1836.894	1.42	Head	3L:+:9797687-9797740	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_83699	EMFGLLVR	AGAP010750-PA	-	34	0.003774476	2	964.528	-0.28	Visceras	3L:+:9805782-9805805	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_83959	TLLIYGYNLDPPTGEANEALAAEALR	AGAP010750-PA	-	48	0.000143299	2	2775.441	7.53	Visceras	3L:+:9798767-9798844	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_84815	TLLYGNAILLR	AGAP010750-PA	-	56	3.47E-06	2	1246.753	0.63	Pupa	3L:+:9795453-9795485	exon=> In CDS Exon 3 of transcript AGAP010750-PA
JHU_Ag_84825	YYGTTGGGQASQFGASSDEEKR	AGAP010750-PA	-	43	0.000408582	1	2296.015	1.48	Visceras	3L:+:9807468-9807533	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_85270	ADELFNEVTQDSSGK	AGAP010750-PA	-	59	1.41E-05	2	1639.751	4.1	Pupa	3L:+:9803461-9803505	exon=> In CDS Exon 14 of transcript AGAP010750-PA
JHU_Ag_86020	HQITVLQSK	AGAP010750-PA	-	43	0.000183328	2	1053.604	-1.39	Head	3L:+:9816480-9816506	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_86089	KMPEYEVIEFAR	AGAP010750-PA	-	61	1.30E-05	2	1511.753	-1.99	Head	3L:+:9811020-9811055	exon=> In CDS Exon 24 of transcript AGAP010750-PA
JHU_Ag_87202	LLEDAFLPDLR	AGAP010750-PA	-	38	0.002283711	2	1301.712	1.75	Ovary	3L:+:9807069-9807101	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_88837	DPIGGSNENLFLPLIK	AGAP010750-PA	-	84	3.21E-08	1	1726.947	5.33	Pupa	3L:+:9804867-9804901,9804963-9804975	exon=> In CDS Exon 16 and 17 of transcript AGAP010750-PA
JHU_Ag_88862	SGALQEDPLYMSYASIVAR	AGAP010750-PA	M11(Oxidation)	68	2.16E-06	2	2071.021	1.93	Visceras	3L:+:9814502-9814558	exon=> In CDS Exon 27 of transcript AGAP010750-PA
JHU_Ag_88867	FPLEVVR	AGAP010750-PA	-	38	0.001626027	1	859.504	0.84	Pupa	3L:+:9804789-9804809	exon=> In CDS Exon 16 of transcript AGAP010750-PA
JHU_Ag_89228	IADTSLEAQDIMSK	AGAP010750-PA	M12(Oxidation)	93	7.64E-09	2	1537.748	4.29	Larva	3L:+:9809917-9809958	exon=> In CDS Exon 22 of transcript AGAP010750-PA
JHU_Ag_89288	HNPFSLLNR	AGAP010750-PA	-	41	0.0006462	1	1097.586	1.04	Head	3L:+:9809890-9809916	exon=> In CDS Exon 22 of transcript AGAP010750-PA
JHU_Ag_91652	QSIVLFLER	AGAP010750-PA	-	40	0.000480852	2	1104.643	1.16	Pupa	3L:+:9807006-9807032	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_92312	LLEDAFLPDLR	AGAP010750-PA	-	67	3.27E-06	1	1301.713	2.5	Head	3L:+:9807069-9807101	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_92597	LFPAIFVEATSK	AGAP010750-PA	-	46	0.000149582	2	1322.737	0.73	Head	3L:+:9803623-9803658	exon=> In CDS Exon 14 of transcript AGAP010750-PA
JHU_Ag_94042	HQITVLQSK	AGAP010750-PA	-	33	0.001875 13	2	1053.606	0.93	Pupa	3L:+:9816480-9816506	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_94046	ALPCLIAIGCALPPDYSLSK	AGAP010750-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	57	2.45E-05	1	2159.133	4.21	Visceras	3L:+:9807609-9807668	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_95102	TLELGIAVLR	AGAP010750-PA	-	70	3.51E-07	2	1084.672	-0.9	Visceras	3L:+:9814965-9814994	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_96718	VSGGATESFGK	AGAP010750-PA	-	40	0.001414676	2	1039.509	3.54	Larva	3L:+:9800938-9800970	exon=> In CDS Exon 9 of transcript AGAP010750-PA
JHU_Ag_97596	VSLNALQEPEEPEADK	AGAP010750-PA	-	69	1.83E-06	2	1768.862	1.38	Head	3L:+:9805539-9805586	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_98002	DQATTSQTAFVLR	AGAP010750-PA	-	97	3.36E-09	2	1437.731	-1.25	Head	3L:+:9796473-9796511	exon=> In CDS Exon 6 of transcript AGAP010750-PA
JHU_Ag_99406	LLIMIDPETWDPSFEK	AGAP010750-PA	M4(Oxidation)	70	1.65E-06	1	1949.972	8.07	Larva	3L:+:9805030-9805077	exon=> In CDS Exon 17 of transcript AGAP010750-PA
JHU_Ag_99415	CWDFFPVGDCFR	AGAP010750-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	43	0.000159276	2	1605.663	0.85	Visceras	3L:+:9818569-9818604	exon=> In CDS Exon 29 of transcript AGAP010750-PA

JHU_Ag_99614	LNWLFSR	AGAP010750-PA	-	40	0.001199173	2	935.511	1.12	Head	3L:+:9797264-9797284	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_99821	SCGEEEEEGGDEEEGAGEDEGGASIHEQEMEK	AGAP010750-PA	C2(Carbamidomethyl), M30(Oxidation)	24	0.001465777	1	3455.277	0.1	Head	3L:+:9814559-9814636,9814839-9814856	exon=> In CDS Exon 27 and 28 of transcript AGAP010750-PA
JHU_Ag_101076	LSLPVTCANTFITEQEK	AGAP010750-PA	C7(Carbamidomethyl)	77	3.21E-07	2	1950.984	0.06	Head	3L:+:9802493-9802530,9802600-9802612	exon=> In CDS Exon 12 and 13 of transcript AGAP010750-PA
JHU_Ag_102577	RAQAQSDAPVQTADGEESAPK	AGAP010750-PA	-	110	1.69E-10	1	2156.025	1.49	Head	3L:+:9806079-9806141	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_103003	VPLAIFK	AGAP010750-PA	-	29	0.003070515	2	787.508	0.85	Pupa	3L:+:9817443-9817463	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_103389	TLLYGNAILLR	AGAP010750-PA	-	41	0.000109167	2	1246.752	0.14	Head	3L:+:9795453-9795485	exon=> In CDS Exon 3 of transcript AGAP010750-PA
JHU_Ag_104345	QLVSWAEESQIENPK	AGAP010750-PA	-	100	1.40E-09	2	1757.873	1.46	Pupa	3L:+:9805728-9805772	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_105479	LFPAIFVEATSK	AGAP010750-PA	-	43	0.000332921	2	1322.736	0.27	Visceras	3L:+:9803623-9803658	exon=> In CDS Exon 14 of transcript AGAP010750-PA
JHU_Ag_106044	YVGYVFGGDVLR	AGAP010750-PA	-	82	9.91E-08	2	1344.695	-0.15	Visceras	3L:+:9796125-9796160	exon=> In CDS Exon 5 of transcript AGAP010750-PA
JHU_Ag_106319	DIYSFYPLLIK	AGAP010750-PA	-	42	0.00059012	2	1371.761	3.65	Head	3L:+:9810525-9810557	exon=> In CDS Exon 23 of transcript AGAP010750-PA
JHU_Ag_107493	GYPDLGWDPVEGER	AGAP010750-PA	-	65	3.24E-06	2	1589.722	-0.81	Pupa	3L:+:9806439-9806480	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_108586	NLLLQTGLVDHVASIRPNIFVGR	AGAP010750-PA	-	56	2.55E-06	1	2532.449	3.06	Visceras	3L:+:9797528-9797596	exon=> In CDS Exon 7 of transcript AGAP010750-PA
JHU_Ag_109746	NMHDAEFTCALFR	AGAP010750-PA	M2(Oxidation), C9(Carbamidomethyl)	55	1.89E-05	1	1627.693	-4.09	Head	3L:+:9815178-9815216	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_112811	RPECLGPALR	AGAP010750-PA	C4(Carbamidomethyl)	40	0.000975277	1	1168.624	-1.1	Head	3L:+:9806568-9806597	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_116484	QLVSWAEESQIENPK	AGAP010750-PA	Q1(Deamidated)	56	3.93E-05	2	1757.874	1.87	Head	3L:+:9805728-9805772	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_117199	YIGNSILPLLIK	AGAP010750-PA	-	60	3.12E-07	1	1343.835	3.91	Larva	3L:+:9807165-9807200	exon=> In CDS Exon 18 of transcript AGAP010750-PA
JHU_Ag_117702	RDQAFTYISEEEEER	AGAP010750-PA	-	96	1.99E-09	1	1901.846	-2.7	Head	3L:+:9816345-9816389	exon=> In CDS Exon 28 of transcript AGAP010750-PA
JHU_Ag_1605	GFYYLVQDLK	AGAP010755-PA	-	76	3.87E-07	1	1245.653	1.65	Ovary	3L:+:9851533-9851562	exon=> In CDS Exon 2 of transcript AGAP010755-PA
JHU_Ag_2055	CLVFSLIGLHFK	AGAP010755-PA	C1(Carbamidomethyl)	84	2.43E-08	1	1433.799	1.18	Ovary	3L:+:9851563-9851598	exon=> In CDS Exon 2 of transcript AGAP010755-PA
JHU_Ag_2938	SSTEDFYLR	AGAP010755-PA	N-Term(Acetyl)	41	0.000525838	1	1159.527	0.62	Head	3L:+:9851073-9851099	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_3515	FGHEFLEFEFRPDGK	AGAP010755-PA	-	98	2.64E-09	1	1854.882	0.51	Ovary	3L:+:9851124-9851168	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_5009	FGHEFLEFEFRPDGK	AGAP010755-PA	-	39	0.002097784	1	1854.883	1	Head	3L:+:9851124-9851168	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_14610	EAYVHQAVMEELKR	AGAP010755-PA	M9(Oxidation)	61	1.55E-05	1	1718.855	1.33	Male reproductive organs	3L:+:9851220-9851261	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_19397	FGHEFLEFEFRPDGK	AGAP010755-PA	-	72	1.06E-06	2	1854.887	3.28	Midgut	3L:+:9851124-9851168	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_52815	SSTEDFYLR	AGAP010755-PA	N-Term(Acetyl)	49	8.62E-05	1	1159.526	-0.86	Midgut	3L:+:9851073-9851099	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_62688	SSTEDFYLR	AGAP010755-PA	N-Term(Acetyl)	59	8.55E-06	2	1159.526	-0.39	Male reproductive organs	3L:+:9851073-9851099	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_73222	TGSLVDVNQSK	AGAP010755-PA	-	55	6.03E-05	2	1147.596	0.74	Ovary	3L:+:9851482-9851514	exon=> In CDS Exon 2 of transcript AGAP010755-PA

JHU_Ag_76378	EAYVHQAVMEELKR	AGAP010755-PA	M9(Oxidation)	72	1.16E-06	1	1718.853	-0.1	Ovary	3L:+:9851220-9851261	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_83050	GFYYLVQDLK	AGAP010755-PA	-	64	5.84E-06	1	1245.652	0.28	Male reproductive organs	3L:+:9851533-9851562	exon=> In CDS Exon 2 of transcript AGAP010755-PA
JHU_Ag_97356	SSTEDFYLR	AGAP010755-PA	N-Term(Acetyl)	58	1.10E-05	2	1159.529	2.45	Ovary	3L:+:9851073-9851099	exon=> In CDS Exon 1 of transcript AGAP010755-PA
JHU_Ag_114308	TGSLVDVNQSKDPEGLR	AGAP010755-PA	-	57	2.77E-05	2	1814.925	0.53	Male reproductive organs	3L:+:9851482-9851532	exon=> In CDS Exon 2 of transcript AGAP010755-PA
JHU_Ag_14740	LATIVHEFIHAVGFYHQQSASDR	AGAP010764-PA	-	88	2.06E-08	1	2626.313	-1.16	Midgut	3L:+:10012162-10012230	exon=> In CDS Exon 3 of transcript AGAP010764-PA
JHU_Ag_41915	WPGNTVPVMIVEEDFTPEQIEHIK	AGAP010764-PA	M9(Oxidation)	131	1.08E-12	1	2808.385	-2.34	Midgut	3L:+:10011834-10011879,10011959-10011984	exon=> In CDS Exon 2 and 3 of transcript AGAP010764-PA
JHU_Ag_50981	WPGNTVPVMIVEEDFTPEQIEHIKR	AGAP010764-PA	M9(Oxidation)	97	2.09E-09	1	2964.495	0.83	Midgut	3L:+:10011834-10011879,10011959-10011987	exon=> In CDS Exon 2 and 3 of transcript AGAP010764-PA
JHU_Ag_70193	VIGTGSGCYSSVGHR	AGAP010764-PA	C8(Carbamidomethyl)	88	2.16E-08	2	1536.721	-0.92	Midgut	3L:+:10012060-10012104	exon=> In CDS Exon 3 of transcript AGAP010764-PA
JHU_Ag_85567	GGAQTLNLEPYDVDTGCFR	AGAP010764-PA	C17(Carbamidomethyl)	62	7.28E-06	1	2112.964	-0.56	Midgut	3L:+:10012105-10012161	exon=> In CDS Exon 3 of transcript AGAP010764-PA
JHU_Ag_4497	ALVDGLGLQSVR	AGAP010765-PA	-	91	5.25E-09	1	1227.710	3.27	Malpighian tubule	3L:+:10020292-10020327	exon=> In CDS Exon 1 of transcript AGAP010765-PA
JHU_Ag_4513	SLPATGQR	AGAP010765-PA	-	49	0.000148768	2	829.453	-0.14	Malpighian tubule	3L:+:10020457-10020480	exon=> In CDS Exon 1 of transcript AGAP010765-PA
JHU_Ag_72271	YVAEQSGDERTISLVVK	AGAP010765-PA	-	80	1.13E-07	1	1893.994	1.24	Malpighian tubule	3L:+:10020406-10020456	exon=> In CDS Exon 1 of transcript AGAP010765-PA
JHU_Ag_82149	GPMIEEVQAYTK	AGAP010765-PA	M3(Oxidation)	111	1.37E-10	1	1381.670	2.08	Malpighian tubule	3L:+:10020481-10020516	exon=> In CDS Exon 1 of transcript AGAP010765-PA
JHU_Ag_99777	TISLVVK	AGAP010765-PA	-	35	0.000259455	2	759.499	1.75	Malpighian tubule	3L:+:10020436-10020456	exon=> In CDS Exon 1 of transcript AGAP010765-PA
JHU_Ag_10294	CFYASDLPER	AGAP010765-PA,AGAP010766-PA	C1(Carbamidomethyl)	48	8.88E-05	2	1257.554	-2.11	Head	3L:+:10020589-10020618;3L:+:10022231-10022260	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_13520	CFYASDLPER	AGAP010765-PA,AGAP010766-PA	C1(Carbamidomethyl)	55	1.76E-05	1	1257.556	-0.36	Malpighian tubule	3L:+:10020589-10020618;3L:+:10022231-10022260	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_20293	ALGYVTVNR	AGAP010765-PA,AGAP010766-PA	-	62	7.15E-06	1	992.551	-1.27	Malpighian tubule	3L:+:10020643-10020669;3L:+:10022285-10022311	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_21148	ATANGDNYMSDVFR	AGAP010765-PA,AGAP010766-PA	N4(Deamidated),"N4(Deamidated),M9(Oxidation)",M9(Oxidation)	121	5.42E-12	1	1560.679	2.46	Malpighian tubule	3L:+:10020352-10020393;3L:+:10021994-10022035	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 1 of transcript AGAP010766-PA
JHU_Ag_24549	DVVPALSELTGGMFFAAR	AGAP010765-PA,AGAP010766-PA	M13(Oxidation)	74	6.54E-07	1	1896.955	1.43	Malpighian tubule	3L:+:10020535-10020588;3L:+:10022177-10022230	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_60158	IVECKITR	AGAP010765-PA,AGAP010766-PA	C4(Carbamidomethyl)	53	4.49E-05	1	1018.572	0.21	Malpighian tubule	3L:+:10020328-10020351;3L:+:10021970-10021993	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 1 of transcript AGAP010766-PA
JHU_Ag_78330	ATANGDNYMSDVFRLAVR	AGAP010765-PA,AGAP010766-PA	-	35	0.005272858	1	1999.971	2.97	Malpighian tubule	3L:+:10020352-10020405;3L:+:10021994-10022047	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 1 of transcript AGAP010766-PA
JHU_Ag_94550	QAGLDFEHCALVMR	AGAP010765-PA,AGAP010766-PA	C9(Carbamidomethyl)	54	5.30E-05	1	1646.784	3.5	Malpighian tubule	3L:+:10020670-10020711;3L:+:10022312-10022353	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 2 of transcript AGAP010766-PA

JHU_Ag_104254	DVVPALSELTGGMFFAAR	AGAP010765-PA,AGAP010766-PA	M13(Oxidation)	60	1.41E-05	2	1896.971	9.8	Head	3L:+:10020535-10020588;3L:+:10022177-10022230	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_109188	LLVFEDLK	AGAP010765-PA,AGAP010766-PA	-	50	6.07E-05	1	976.570	-1.51	Malpighian tubule	3L:+:10020619-10020642;3L:+:10022261-10022284	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_113957	YVAEQSGDER	AGAP010765-PA,AGAP010766-PA	-	71	6.20E-07	2	1153.512	0.07	Malpighian tubule	3L:+:10020406-10020435;3L:+:10022048-10022077	exon=> In CDS Exon 1 of transcript AGAP010765-PA;exon=> In CDS Exon 1 of transcript AGAP010766-PA
JHU_Ag_5003	TIFEKGLEALIAVAR	AGAP010766-PA	-	122	1.23E-12	1	1630.960	4.29	Malpighian tubule	3L:+:10022477-10022521	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_5819	LDELIELYYASFR	AGAP010766-PA	-	85	5.07E-08	1	1631.831	-0.5	Malpighian tubule	3L:+:10022819-10022857	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_13652	KIGQFHAASMR	AGAP010766-PA	M10(Oxidation)	76	3.70E-07	1	1245.652	0.09	Malpighian tubule	3L:+:10022354-10022386	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_14386	IGQFHAASMR	AGAP010766-PA	M9(Oxidation)	56	3.17E-05	1	1133.551	-0.8	Malpighian tubule	3L:+:10022357-10022386	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_20573	ARDIQYNGVNYQR	AGAP010766-PA	N7(Deamidated)	78	2.35E-07	1	1596.789	0.69	Malpighian tubule	3L:+:10023050-10023088	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_49650	GLEALIAVAR	AGAP010766-PA	-	84	1.08E-08	2	1012.617	2.43	Malpighian tubule	3L:+:10022492-10022521	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_52967	ALVNGLGLQSVR	AGAP010766-PA	N4(Deamidated)	100	4.66E-10	1	1226.724	1.79	Malpighian tubule	3L:+:10021934-10021969	exon=> In CDS Exon 1 of transcript AGAP010766-PA
JHU_Ag_54010	QFHFNMFNPDHGEASGQLR	AGAP010766-PA	M6(Oxidation)	69	1.31E-06	1	2247.999	0.18	Head	3L:+:10022420-10022476	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_57029	GLEALIAVAR	AGAP010766-PA	-	71	2.47E-07	2	1012.615	0.38	Head	3L:+:10022492-10022521	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_57205	ALVNGLGLQSVR	AGAP010766-PA	-	36	0.001102078	2	1226.723	1.09	Head	3L:+:10021934-10021969	exon=> In CDS Exon 1 of transcript AGAP010766-PA
JHU_Ag_57729	FAEQRLELLQR	AGAP010766-PA	-	60	8.44E-06	1	1402.780	-0.08	Malpighian tubule	3L:+:10022387-10022419	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_58062	ERWDGFDQTIVQK	AGAP010766-PA	-	76	4.62E-07	1	1621.801	2.3	Malpighian tubule	3L:+:10022522-10022560	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_65482	QFHFNMFNPDHGEASGQLR	AGAP010766-PA	M6(Oxidation)	106	2.87E-10	1	2232.011	3.02	Malpighian tubule	3L:+:10022420-10022476	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_71524	IVRPMLIEFNQRK	AGAP010766-PA	M5(Oxidation)	60	2.10E-06	1	1643.941	-0.26	Malpighian tubule	3L:+:10023089-10023127	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_78806	ARLDELIELYYASFR	AGAP010766-PA	-	110	9.83E-11	1	1858.981	5.87	Malpighian tubule	3L:+:10022813-10022857	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_93654	IGQFHAASMR	AGAP010766-PA	M9(Oxidation)	66	3.73E-06	1	1133.552	-0.47	Head	3L:+:10022357-10022386	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_97649	ALVNGLGLQSVR	AGAP010766-PA	-	82	3.14E-08	2	1226.725	3.08	Ovary	3L:+:10021934-10021969	exon=> In CDS Exon 1 of transcript AGAP010766-PA
JHU_Ag_101316	DIQYNGVNYQR	AGAP010766-PA	N5(Deamidated)	59	1.26E-05	1	1370.635	1.19	Malpighian tubule	3L:+:10023056-10023088	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_108680	DIQYNGVNYQR	AGAP010766-PA	-	39	0.001590656	2	1369.653	2.62	Ovary	3L:+:10023056-10023088	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_111850	GLEALIAVAR	AGAP010766-PA	-	73	1.47E-07	2	1012.618	3.27	Ovary	3L:+:10022492-10022521	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_113357	IVRPMLIEFNQR	AGAP010766-PA	M5(Oxidation)	74	3.71E-07	1	1531.845	2.18	Malpighian tubule	3L:+:10023089-10023124	exon=> In CDS Exon 2 of transcript AGAP010766-PA
JHU_Ag_113454	VLNHGDLWSNNMLFR	AGAP010766-PA	-	75	4.70E-07	1	1815.899	1.57	Malpighian tubule	3L:+:10022642-10022686	exon=> In CDS Exon 2 of transcript AGAP010766-PA

JHU_Ag_26556	LELLQR	AGAP010766-PA,AGAP001438-PA	Q5(Deamidated)	46	0.000218312	2	771.474	1.64	Malpighian tubule	3L:+:10022402-10022419;2R:-:5024953-5024936	exon=> In CDS Exon 2 of transcript AGAP010766-PA;exon=> In CDS Exon 3 of transcript AGAP001438-PA
JHU_Ag_95480	LELLQR	AGAP010766-PA,AGAP001438-PA	-	36	0.001888331	2	771.474	2.04	Ovary	3L:+:10022402-10022419;2R:-:5024953-5024936	exon=> In CDS Exon 2 of transcript AGAP010766-PA;exon=> In CDS Exon 3 of transcript AGAP001438-PA
JHU_Ag_9788	DSFETVTETQK	AGAP010767-PA	-	65	3.33E-06	2	1284.598	1.85	Head	3L:-:10027601-10027569	exon=> In CDS Exon 21 of transcript AGAP010767-PA
JHU_Ag_79297	TADQPEEAPEDEYDPR	AGAP010768-PA	-	50	4.54E-05	2	1861.778	3.24	Head	3L:-:10102180-10102258,10101987-10102057	exon=> In CDS Exon 2 and 1 of transcript AGAP010768-PA
JHU_Ag_86318	GLDDDEVEFLDLVDK	AGAP010768-PA	-	102	9.87E-10	1	1721.806	-3.05	Ovary	3L:-:10101903-10101859	exon=> In CDS Exon 3 of transcript AGAP010768-PA
JHU_Ag_6738	VGDVSLTQFLNR	AGAP010769-PA	-	57	2.25E-05	2	1348.726	2.78	Malpighian tubule	3L:+:10103385-10103415,10103525-10103529	exon=> In CDS Exon 1 and 2 of transcript AGAP010769-PA
JHU_Ag_10412	GFLQILSQLTK	AGAP010769-PA	-	47	7.13E-05	2	1247.739	2.47	Salivary gland	3L:+:10103352-10103384	exon=> In CDS Exon 1 of transcript AGAP010769-PA
JHU_Ag_22853	DKLIPFYK	AGAP010769-PA	-	41	0.000381238	1	1023.588	0.31	Male reproductive organs	3L:+:10103853-10103876	exon=> In CDS Exon 3 of transcript AGAP010769-PA
JHU_Ag_31894	GFLQILSQLTK	AGAP010769-PA	-	92	1.97E-09	1	1247.737	1.11	Ovary	3L:+:10103352-10103384	exon=> In CDS Exon 1 of transcript AGAP010769-PA
JHU_Ag_32270	GRLEDVVVDDTYR	AGAP010769-PA	-	54	6.50E-05	2	1536.768	1.65	Male reproductive organs	3L:+:10103656-10103694	exon=> In CDS Exon 2 of transcript AGAP010769-PA
JHU_Ag_42298	GFLQILSQLTK	AGAP010769-PA	-	62	1.96E-06	2	1247.735	-0.46	Male reproductive organs	3L:+:10103352-10103384	exon=> In CDS Exon 1 of transcript AGAP010769-PA
JHU_Ag_43461	IIGSATLVLER	AGAP010769-PA	-	66	9.99E-07	2	1171.703	-1.39	Midgut	3L:+:10103596-10103628	exon=> In CDS Exon 2 of transcript AGAP010769-PA
JHU_Ag_45627	GFLQILSQLTK	AGAP010769-PA	-	84	1.45E-08	2	1247.736	-0.17	Midgut	3L:+:10103352-10103384	exon=> In CDS Exon 1 of transcript AGAP010769-PA
JHU_Ag_51323	VGDVSLTQFLNR	AGAP010769-PA	-	40	0.001441193	2	1348.720	-1.65	Midgut	3L:+:10103385-10103415,10103525-10103529	exon=> In CDS Exon 1 and 2 of transcript AGAP010769-PA
JHU_Ag_51878	ISAAAPGEVWLK	AGAP010769-PA	-	48	0.000136394	2	1241.689	0.27	Midgut	3L:+:10103283-10103318	exon=> In CDS Exon 1 of transcript AGAP010769-PA
JHU_Ag_58094	VGDVSLTQFLNR	AGAP010769-PA	-	65	3.82E-06	2	1348.722	-0.02	Male reproductive organs	3L:+:10103385-10103415,10103525-10103529	exon=> In CDS Exon 1 and 2 of transcript AGAP010769-PA
JHU_Ag_66346	GFLQILSQLTK	AGAP010769-PA	-	61	2.42E-06	2	1247.738	1.59	Pupa	3L:+:10103352-10103384	exon=> In CDS Exon 1 of transcript AGAP010769-PA
JHU_Ag_66418	IIGSATLVLERK	AGAP010769-PA	-	35	0.000871631	1	1299.786	-10.59	Male reproductive organs	3L:+:10103596-10103631	exon=> In CDS Exon 2 of transcript AGAP010769-PA
JHU_Ag_69772	SIGYTLEPGNANTMNIR	AGAP010769-PA	M14(Oxidation)	55	5.00E-05	1	1866.903	1.06	Midgut	3L:+:10103877-10103927	exon=> In CDS Exon 3 of transcript AGAP010769-PA
JHU_Ag_90518	GFLQILSQLTK	AGAP010769-PA	-	35	0.001078657	2	1247.740	2.96	Larva	3L:+:10103352-10103384	exon=> In CDS Exon 1 of transcript AGAP010769-PA
JHU_Ag_94337	SIGYTLEPGNANTMNIR	AGAP010769-PA	M14(Oxidation)	47	0.000254493	1	1866.903	0.86	Male reproductive organs	3L:+:10103877-10103927	exon=> In CDS Exon 3 of transcript AGAP010769-PA
JHU_Ag_20709	KAQALTSTDK	AGAP010786-PA	-	47	0.000237631	2	1062.578	-0.56	Male reproductive organs	3L:-:10348807-10348778	exon=> In CDS Exon 2 of transcript AGAP010786-PA
JHU_Ag_94293	IEPTNAVAQTSTSTLR	AGAP010786-PA	-	90	1.38E-08	2	1688.883	0.78	Male reproductive organs	3L:-:10348665-10348618	exon=> In CDS Exon 3 of transcript AGAP010786-PA
JHU_Ag_48201	NLFNK	AGAP010788-PA	N1(Deamidated), N4(Deamidated)	30	0.006564311	1	637.319	0.13	Head	3L:-:10359962-10359948	exon=> In CDS Exon 5 of transcript AGAP010788-PA

JHU_Ag_28919	RIHLIR	AGAP010790-PA	-	22	0.006240832	1	807.523	-9.77	Ovary	3L:+:10404065-10404082	exon=> In CDS Exon 10 of transcript AGAP010790-PA
JHU_Ag_15158	NLDRPGAAGATAGATTNPTTSGVEDVKS	AGAP010791-PA	-	59	1.83E-05	3	2658.310	5	Malpighian tubule	3L:-:10409092-10409009	exon=> In CDS Exon 2 of transcript AGAP010791-PA
JHU_Ag_28734	VGLVDNEAIINPTRK	AGAP010791-PA	-	28	0.006287663	1	1638.915	-1.4	Ovary	3L:-:10410869-10410825	exon=> In CDS Exon 1 of transcript AGAP010791-PA
JHU_Ag_32236	SQNASFLPLVVDYR	AGAP010791-PA	-	64	4.50E-06	2	1608.841	1.57	Ovary	3L:-:10411178-10411137	exon=> In CDS Exon 1 of transcript AGAP010791-PA
JHU_Ag_32285	SQNASFLPLVVDYR	AGAP010791-PA	-	79	1.47E-07	2	1608.843	3.17	Visceras	3L:-:10411178-10411137	exon=> In CDS Exon 1 of transcript AGAP010791-PA
JHU_Ag_40309	VWSSFPAADPGVISETFNK	AGAP010791-PA	-	52	0.000130016	1	2052.013	2.61	Visceras	3L:-:10410476-10410420	exon=> In CDS Exon 1 of transcript AGAP010791-PA
JHU_Ag_645	DVHVDGAR	AGAP010792-PA	-	46	0.000240061	1	868.427	-0.25	Head	3L:+:10412544-10412567	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_1610	YYAHIWR	AGAP010792-PA	-	52	9.47E-05	1	1008.506	1.36	Malpighian tubule	3L:+:10412784-10412804	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_3173	LVGDLGQVLFHPYDLRDEEAIYK	AGAP010792-PA	-	64	3.63E-06	1	2690.395	4.6	Pupa	3L:+:10412403-10412471	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_4870	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	122	4.50E-12	1	2209.182	-2.14	Midgut	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_5481	NFTFKDVHVDGAR	AGAP010792-PA	-	74	6.31E-07	1	1505.750	0.52	Malpighian tubule	3L:+:10412529-10412567	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_5710	IGSQVIIPYR	AGAP010792-PA	-	73	3.77E-07	1	1145.669	0.86	Pupa	3L:+:10412343-10412372	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_5872	YSNVVINLVGRDWETK	AGAP010792-PA	-	51	9.19E-05	1	1892.989	1.28	Head	3L:+:10412481-10412528	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_7759	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	120	7.59E-12	1	1841.995	2.24	Head	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_7777	LSALVDWFHQVMR	AGAP010792-PA	M12(Oxidation)	42	0.001070727	1	1617.824	1.9	Salivary gland	3L:+:10412961-10412999	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_7971	YYGELAVREEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	55	4.18E-05	1	3334.592	-2.92	Midgut	3L:+:10412691-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_8517	EEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	76	4.00E-07	1	2383.128	3.08	Pupa	3L:+:10412715-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_9180	LVGDLGQVLFHPYDLRDEEAIYK	AGAP010792-PA	-	111	8.13E-11	1	2690.383	0.13	Midgut	3L:+:10412403-10412471	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_9693	DSDSQGQTYQAVGPR	AGAP010792-PA	-	121	7.90E-12	1	1608.724	-0.84	Midgut	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_10446	YSNVVINLVGR	AGAP010792-PA	-	55	2.56E-05	2	1233.700	3.62	Salivary gland	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_10843	TIKQPVYCSDLAQGIVNAIK	AGAP010792-PA	C8(Carbamidomethyl)	89	8.12E-09	1	2218.195	2.17	Malpighian tubule	3L:+:10412847-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_10970	YYGELAVR	AGAP010792-PA	-	47	0.000200928	2	970.501	1.48	Pupa	3L:+:10412691-10412714	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_11052	YSNVVINLVGR	AGAP010792-PA	-	69	8.95E-07	2	1233.697	1.64	Visceras	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_11581	NFTFK	AGAP010792-PA	-	32	0.003875812	1	656.340	-0.26	Pupa	3L:+:10412529-10412543	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_11823	SSFNGIVATVFGSTGFLGR	AGAP010792-PA	N4(Deamidated)	120	1.63E-11	1	1917.973	1.35	Pupa	3L:+:10412262-10412318	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_11919	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	91	4.23E-09	1	2209.189	1.36	Ovary	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_12091	TIKQPVYCSDLAQGIVNAIK	AGAP010792-PA	C8(Carbamidomethyl)	93	3.12E-09	1	2218.189	-0.47	Midgut	3L:+:10412847-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA

JHU_Ag_12473	DSDSQGQTYQAVGPR	AGAP010792-PA	Q10(Deamidated),Q5(Deamidated),Q7(Deamidated)	133	5.33E-13	1	1608.729	2.65	Head	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_13476	DSDSQGQTYQAVGPR	AGAP010792-PA	-	111	8.60E-11	1	1608.727	1.51	Salivary gland	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_13743	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	99	1.02E-09	1	1841.988	-1.35	Ovary	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_14155	EEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	81	1.36E-07	1	2383.128	3.39	Visceras	3L:+:10412715-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_14354	EEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	76	3.20E-07	1	2383.119	-0.53	Midgut	3L:+:10412715-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_16361	YYGELAVR	AGAP010792-PA	-	59	1.08E-05	2	970.499	-0.22	Midgut	3L:+:10412691-10412714	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_16466	YSNVVINLVGRDWETK	AGAP010792-PA	-	109	1.46E-10	1	1892.986	-0.1	Midgut	3L:+:10412481-10412528	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_16477	TIKQPVYCSDLAQGIVNAIK	AGAP010792-PA	C8(Carbamidomethyl)	102	3.75E-10	1	2218.196	2.67	Visceras	3L:+:10412847-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_16934	AALYYDAELDEFEKPTPPQYIQ	AGAP010792-PA	-	63	8.29E-06	1	2601.239	-0.31	Head	3L:+:10413319-10413384	exon=> In CDS Exon 2 of transcript AGAP010792-PA
JHU_Ag_19845	YSNVVINLVGR	AGAP010792-PA	-	84	3.04E-08	2	1233.695	0.16	Head	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_20012	EEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	38	0.002304927	1	2383.130	3.93	Larva	3L:+:10412715-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_20051	LVGDLGQVLFHPYDLRDEEAIYK	AGAP010792-PA	-	116	2.43E-11	1	2690.392	3.54	Malpighian tubule	3L:+:10412403-10412471	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_20910	TTSLAAMKR	AGAP010792-PA	M7(Oxidation)	37	0.002139205	1	994.534	-0.7	Salivary gland	3L:+:10412220-10412246	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_22384	YYAHIWR	AGAP010792-PA	-	54	6.34E-05	1	1008.505	0.09	Midgut	3L:+:10412784-10412804	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_23866	LSALVDWFHQVMR	AGAP010792-PA	M12(Oxidation)	45	0.000518365	1	1617.822	1	Male reproductive organs	3L:+:10412961-10412999	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_25151	IGSQVIIPYR	AGAP010792-PA	-	59	9.47E-06	2	1145.668	0.01	Male reproductive organs	3L:+:10412343-10412372	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_26364	YSNVVINLVGR	AGAP010792-PA	-	87	1.55E-08	2	1233.694	-0.53	Midgut	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_27627	AALYYDAELDEFEKPTPPQYIQ	AGAP010792-PA	-	68	2.24E-06	1	2601.234	-2.28	Midgut	3L:+:10413319-10413384	exon=> In CDS Exon 2 of transcript AGAP010792-PA
JHU_Ag_28119	AMPLWYKGER	AGAP010792-PA	M2(Oxidation)	71	1.32E-06	1	1250.637	1.82	Malpighian tubule	3L:+:10412817-10412846	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_30654	EYVSDEVEK	AGAP010792-PA	-	50	8.13E-05	2	1097.500	-0.17	Visceras	3L:+:10413135-10413161	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_31555	LSALVDWFHQVMR	AGAP010792-PA	-	99	2.09E-09	1	1601.831	3.18	Head	3L:+:10412961-10412999	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_32939	QPVYCSDLAQGIVNAIK	AGAP010792-PA	C5(Carbamidomethyl)	113	9.00E-11	1	1875.960	-1.93	Midgut	3L:+:10412856-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_34435	SSFNGIVATVFGSTGFLGR	AGAP010792-PA	N4(Deamidated)	118	2.82E-11	1	1916.984	-1.44	Midgut	3L:+:10412262-10412318	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_34795	LSALVDWFHQVMR	AGAP010792-PA	M12(Oxidation)	108	2.21E-10	1	1601.821	-2.69	Midgut	3L:+:10412961-10412999	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_36962	LVGDLGQVLFHPYDLRDEEAIYK	AGAP010792-PA	-	60	1.06E-05	1	2690.380	-1.12	Salivary gland	3L:+:10412403-10412471	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_37200	YYGELAVR	AGAP010792-PA	-	59	1.14E-05	2	970.500	1.17	Visceras	3L:+:10412691-10412714	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_37674	YSNVVINLVGR	AGAP010792-PA	-	91	6.73E-09	1	1233.698	2.34	Malpighian tubule	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA

JHU_Ag_39114	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	105	1.86E-10	1	2209.191	2.28	Pupa	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_39117	QPVYCSDLAQGIVNAIK	AGAP010792-PA	C5(Carbamidomethyl)	101	1.33E-09	1	1875.968	2.68	Ovary	3L:+:10412856-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_39315	EEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	52	9.75E-05	1	2383.124	1.47	Malpighian tubule	3L:+:10412715-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_40481	QPVYCSDLAQGIVNAIK	AGAP010792-PA	C5(Carbamidomethyl)	68	2.13E-06	1	1875.972	4.34	Pupa	3L:+:10412856-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_41253	LSALVDWFHQVMR	AGAP010792-PA	M12(Oxidation)	98	2.35E-09	1	1601.832	3.86	Malpighian tubule	3L:+:10412961-10412999	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_43717	NFTFK	AGAP010792-PA	-	34	0.002578279	1	656.339	-1.47	Midgut	3L:+:10412529-10412543	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_43956	YDLRYDPTFR	AGAP010792-PA	-	57	2.68E-05	1	1345.657	2.48	Malpighian tubule	3L:+:10413030-10413059	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_47488	YSNVVINLVGR	AGAP010792-PA	-	76	1.84E-07	2	1233.695	-0.43	Male reproductive organs	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_49670	LKLVGDLGQVLFHPYDLR	AGAP010792-PA	-	54	1.25E-05	1	2083.175	2.22	Head	3L:+:10412397-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_51409	DSDSQGQTYQAVGPR	AGAP010792-PA	Q7(Deamidated)	136	2.50E-13	1	1608.723	-1.3	Pupa	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_51480	YYAHIWR	AGAP010792-PA	-	42	0.000955586	1	1008.505	-0.39	Pupa	3L:+:10412784-10412804	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_51832	DSDSQGQTYQAVGPR	AGAP010792-PA	-	103	5.76E-10	1	1608.735	6.14	Male reproductive organs	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_51854	YYGELAVR	AGAP010792-PA	-	54	2.93E-05	2	970.499	-0.53	Head	3L:+:10412691-10412714	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_52208	YSNVVINLVGRDWETK	AGAP010792-PA	-	48	0.000204261	1	1892.989	1.18	Male reproductive organs	3L:+:10412481-10412528	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_55046	IGSQVIIPYR	AGAP010792-PA	-	71	4.66E-07	2	1145.670	2.35	Malpighian tubule	3L:+:10412343-10412372	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_57818	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	118	7.68E-12	1	2209.196	4.18	Malpighian tubule	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_58564	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	100	7.89E-10	1	1842.000	5.01	Salivary gland	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_58921	GVPTLEDLGVNLTYMEDQVPWELRPYR	AGAP010792-PA	-	96	3.19E-09	1	3190.598	3.09	Visceras	3L:+:10413162-10413215,10413292-10413318	exon=> In CDS Exon 1 and 2 of transcript AGAP010792-PA
JHU_Ag_60994	SSFNGIVATVFGSTGFLGR	AGAP010792-PA	N4(Deamidated)	123	7.86E-12	1	1916.991	2.06	Salivary gland	3L:+:10412262-10412318	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_61353	DVHVDGAR	AGAP010792-PA	-	38	0.001608131	2	868.427	-0.32	Midgut	3L:+:10412544-10412567	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_62593	IGSQVIIPYR	AGAP010792-PA	-	73	3.48E-07	1	1145.668	0.22	Visceras	3L:+:10412343-10412372	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_64327	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	82	4.46E-08	1	1841.995	2.03	Malpighian tubule	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_66191	IGSQVIIPYR	AGAP010792-PA	-	66	1.99E-06	2	1145.667	-1.06	Head	3L:+:10412343-10412372	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_66260	TIKQPVYCSDLAQGIVNAIK	AGAP010792-PA	C8(Carbamidomethyl)	93	3.25E-09	1	2218.192	0.93	Head	3L:+:10412847-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_66564	IGSQVIIPYR	AGAP010792-PA	-	52	4.80E-05	2	1145.669	0.65	Ovary	3L:+:10412343-10412372	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_67784	AALYYDAELDEFEKPTPPQYIQ	AGAP010792-PA	-	77	3.45E-07	1	2601.241	0.45	Pupa	3L:+:10413319-10413384	exon=> In CDS Exon 2 of transcript AGAP010792-PA
JHU_Ag_68022	YSNVVINLVGRDWETK	AGAP010792-PA	-	80	1.37E-07	1	1892.987	0.12	Visceras	3L:+:10412481-10412528	exon=> In CDS Exon 1 of transcript AGAP010792-PA

JHU_Ag_68320	YYGELAVREEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	59	1.52E-05	1	3334.613	3.45	Visceras	3L:+:10412691-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_70484	QPVYCSDLAQGIVNAIKDSDSQGQTYQAVGPR	AGAP010792-PA	C5(Carbamidomethyl)	96	3.05E-09	1	3465.671	0.23	Visceras	3L:+:10412856-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_70486	DVHVDGAR	AGAP010792-PA	-	51	7.86E-05	1	868.430	3.14	Malpighian tubule	3L:+:10412544-10412567	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_71494	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	90	7.42E-09	1	1841.995	2.44	Visceras	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_73003	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	139	7.09E-14	1	2209.192	2.69	Visceras	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_73716	AALYYDAELDEFEKPTPPQYIQ	AGAP010792-PA	-	77	3.61E-07	1	2601.246	2.42	Salivary gland	3L:+:10413319-10413384	exon=> In CDS Exon 2 of transcript AGAP010792-PA
JHU_Ag_74347	TTSLAAMKR	AGAP010792-PA	M7(Oxidation)	40	0.001047737	1	994.535	-0.21	Midgut	3L:+:10412220-10412246	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_74919	TTSLAAMKR	AGAP010792-PA	M7(Oxidation)	53	3.56E-05	1	978.541	1.39	Malpighian tubule	3L:+:10412220-10412246	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_75215	MKVLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	45	0.000160767	1	2468.327	2.19	Malpighian tubule	3L:+:10413060-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_75568	YDPTFR	AGAP010792-PA	-	37	0.001711926	2	798.379	0.76	Malpighian tubule	3L:+:10413042-10413059	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_75957	DSDSQGQTYQAVGPR	AGAP010792-PA	-	93	5.60E-09	1	1608.726	0.52	Ovary	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_76093	ADHYEAMR	AGAP010792-PA	M7(Oxidation)	45	0.000135835	1	1008.420	-0.36	Midgut	3L:+:10412373-10412396	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_76490	QPVYCSDLAQGIVNAIKDSDSQGQTYQAVGPR	AGAP010792-PA	C5(Carbamidomethyl)	89	1.72E-08	1	3465.674	0.97	Head	3L:+:10412856-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_77584	YSNVVINLVGR	AGAP010792-PA	-	82	4.61E-08	1	1233.696	0.95	Pupa	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_77988	QPVYCSDLAQGIVNAIK	AGAP010792-PA	C5(Carbamidomethyl)	112	1.01E-10	1	1875.968	2.56	Malpighian tubule	3L:+:10412856-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_78422	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	147	1.06E-14	1	2209.191	2.06	Head	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_79229	DSDSQGQTYQAVGPR	AGAP010792-PA	-	127	2.03E-12	1	1608.729	2.27	Malpighian tubule	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_82202	YSNVVINLVGRDWETK	AGAP010792-PA	-	35	0.003534759	1	1892.985	-0.94	Pupa	3L:+:10412481-10412528	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_83655	QPVYCSDLAQGIVNAIKDSDSQGQTYQAVGPR	AGAP010792-PA	C5(Carbamidomethyl)	59	1.81E-05	3	3465.695	7.2	Malpighian tubule	3L:+:10412856-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_84095	LVGDLGQVLFHPYDLRDEEAIYK	AGAP010792-PA	-	104	4.05E-10	1	2690.391	2.96	Visceras	3L:+:10412403-10412471	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_84111	VLLTELVSPSFPIGDVHTERVER	AGAP010792-PA	-	119	4.95E-12	1	2593.406	2.74	Malpighian tubule	3L:+:10413066-10413134	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_84442	YYGELAVR	AGAP010792-PA	-	49	0.000127 07	1	970.501	1.73	Malpighian tubule	3L:+:10412691-10412714	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_86215	QPVYCSDLAQGIVNAIK	AGAP010792-PA	C5(Carbamidomethyl)	96	4.21E-09	1	1875.972	4.51	Visceras	3L:+:10412856-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_86635	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	56	2.13E-05	1	1841.992	0.54	Male reproductive organs	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_88973	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	74	2.29E-07	1	2209.191	1.86	Salivary gland	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_89069	IGSQVIIPYR	AGAP010792-PA	-	58	1.16E-05	1	1145.669	1.14	Midgut	3L:+:10412343-10412372	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_91330	IGSQVIIPYRADHYEAMR	AGAP010792-PA	M17(Oxidation)	62	8.83E-06	1	2119.077	0.93	Malpighian tubule	3L:+:10412343-10412396	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_91889	LVGDLGQVLFHPYDLRDEEAIYK	AGAP010792-PA	-	113	4.52E-11	1	2690.401	6.8	Ovary	3L:+:10412403-10412471	exon=> In CDS Exon 1 of transcript AGAP010792-PA

JHU_Ag_92252	FLASK	AGAP010792-PA	-	34	0.001812227	1	565.334	0.04	Malpighian tubule	3L:+:10412676-10412690	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_92278	YYAHIWR	AGAP010792-PA	-	38	0.002641459	2	1008.503	-1.85	Head	3L:+:10412784-10412804	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_93248	DVHVDGAR	AGAP010792-PA	-	38	0.001749371	1	868.428	1.16	Visceras	3L:+:10412544-10412567	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_93806	EEFPDAIVFRPSDIYGQEDR	AGAP010792-PA	-	85	4.96E-08	1	2383.131	4.39	Head	3L:+:10412715-10412774	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_95337	EYVSDEVEK	AGAP010792-PA	-	48	0.00011942	1	1097.499	-0.33	Midgut	3L:+:10413135-10413161	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_95963	YSNVVINLVGR	AGAP010792-PA	-	54	3.16E-05	2	1233.696	0.56	Ovary	3L:+:10412481-10412513	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_96192	SSFNGIVATVFGSTGFLGR	AGAP010792-PA	-	94	6.74E-09	1	1916.991	2.5	Malpighian tubule	3L:+:10412262-10412318	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_97646	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	100	8.03E-10	1	1841.996	2.63	Midgut	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_97744	VLLTELVSPSFPIGDVHTER	AGAP010792-PA	-	98	1.01E-09	1	2209.188	0.87	Male reproductive organs	3L:+:10413066-10413125	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_102151	SSFNGIVATVFGSTGFLGR	AGAP010792-PA	-	74	6.80E-07	1	1916.985	-0.94	Ovary	3L:+:10412262-10412318	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_102657	LSALVDWFHQVMR	AGAP010792-PA	M12(Oxidation)	93	9.35E-09	1	1617.820	-0.13	Pupa	3L:+:10412961-10412999	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_102786	LSALVDWFHQVMR	AGAP010792-PA	M12(Oxidation)	44	0.00061878	3	1601.827	0.61	Visceras	3L:+:10412961-10412999	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_102973	QPVYCSDLAQGIVNAIK	AGAP010792-PA	C5(Carbamidomethyl)	152	8.80E-15	1	1875.966	1.58	Head	3L:+:10412856-10412906	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_104087	VEREYVSDEVEK	AGAP010792-PA	-	79	2.07E-07	1	1481.712	0.13	Malpighian tubule	3L:+:10413126-10413161	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_107334	YYAHIWR	AGAP010792-PA	-	52	9.78E-05	1	1008.504	-0.57	Visceras	3L:+:10412784-10412804	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_107405	LVGDLGQVLFHPYDLR	AGAP010792-PA	-	102	4.57E-10	1	1841.995	2.23	Pupa	3L:+:10412403-10412450	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_110035	YSNVVINLVGRDWETK	AGAP010792-PA	-	78	1.82E-07	1	1892.995	4.61	Malpighian tubule	3L:+:10412481-10412528	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_110455	AALYYDAELDEFEKPTPPQYIQ	AGAP010792-PA	-	84	6.29E-08	1	2601.245	2.13	Malpighian tubule	3L:+:10413319-10413384	exon=> In CDS Exon 2 of transcript AGAP010792-PA
JHU_Ag_111122	EYVSDEVEK	AGAP010792-PA	-	41	0.000699013	1	1097.498	-1.4	Pupa	3L:+:10413135-10413161	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_112089	DSDSQGQTYQAVGPR	AGAP010792-PA	-	129	1.42E-12	1	1608.725	0.07	Visceras	3L:+:10412907-10412951	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_112137	SSFNGIVATVFGSTGFLGR	AGAP010792-PA	-	121	1.42E-11	2	1916.992	3.08	Head	3L:+:10412262-10412318	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_113246	AALYYDAELDEFEKPTPPQYIQ	AGAP010792-PA	-	77	3.19E-07	1	2601.246	2.6	Visceras	3L:+:10413319-10413384	exon=> In CDS Exon 2 of transcript AGAP010792-PA
JHU_Ag_114963	SSFNGIVATVFGSTGFLGR	AGAP010792-PA	-	120	1.67E-11	1	1916.991	2.31	Visceras	3L:+:10412262-10412318	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_115348	EYVSDEVEK	AGAP010792-PA	-	51	6.87E-05	1	1097.499	-0.55	Head	3L:+:10413135-10413161	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_116879	FLASK	AGAP010792-PA	-	31	0.003501164	1	565.334	-0.39	Midgut	3L:+:10412676-10412690	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_117046	ADHYEAMR	AGAP010792-PA	-	36	0.001268685	1	992.425	-0.33	Malpighian tubule	3L:+:10412373-10412396	exon=> In CDS Exon 1 of transcript AGAP010792-PA
JHU_Ag_71426	ETALLLPAALSK	AGAP010795-PA	-	45	0.000135534	2	1226.735	-0.7	Ovary	3L:-:10471925-10472119,10468944-10469030	exon=> In CDS Exon 3 and 2 of transcript AGAP010795-PA

JHU_Ag_83818	APLNAIIEDLNDKPCYCDHACLK	AGAP010796-PA	C15(Carbamidomethyl), C17(Carbamidomethyl), C21(Carbamidomethyl)	97	2.82E-09	1	2730.274	2.03	Ovary	3L:-:10484232-10484164	exon=> In CDS Exon 1 of transcript AGAP010796-PA
JHU_Ag_8994	VNPIQALSYFSR	AGAP010801-PA	-	54	3.62E-05	2	1394.742	-0.44	Salivary gland	3L:+:10593213-10593248	exon=> In CDS Exon 9 of transcript AGAP010801-PA
JHU_Ag_13505	ATVPLLLGLSR	AGAP010801-PA	-	30	0.000948418	2	1139.721	5.28	Malpighian tubule	3L:+:10586717-10586749	exon=> In CDS Exon 3 of transcript AGAP010801-PA
JHU_Ag_40955	VNPIQALSYFSR	AGAP010801-PA	-	51	7.36E-05	2	1394.753	7.53	Malpighian tubule	3L:+:10593213-10593248	exon=> In CDS Exon 9 of transcript AGAP010801-PA
JHU_Ag_76788	DFLVDPSPILTK	AGAP010801-PA	-	75	3.04E-07	2	1344.744	2.36	Head	3L:+:10588515-10588550	exon=> In CDS Exon 6 of transcript AGAP010801-PA
JHU_Ag_77040	VNPIQALSYFSR	AGAP010801-PA	-	85	3.42E-08	1	1394.746	2.28	Head	3L:+:10593213-10593248	exon=> In CDS Exon 9 of transcript AGAP010801-PA
JHU_Ag_98373	RLPPIK	AGAP010801-PA	-	24	0.001091745	1	723.488	-0.1	Head	3L:+:10590732-10590749	exon=> In CDS Exon 9 of transcript AGAP010801-PA
JHU_Ag_35806	SADHHHLTVEGSAVPAASR	AGAP010805-PA	-	38	0.002238602	1	1941.949	-1.68	Head	3L:+:10669989-10670045	exon=> In CDS Exon 5 of transcript AGAP010805-PA
JHU_Ag_104593	RHILLR	AGAP010807-PA	-	22	0.006240832	1	807.523	-9.77	Ovary	3L:+:10709575-10709592	exon=> In CDS Exon 2 of transcript AGAP010807-PA
JHU_Ag_67622	RVWMCLIVLLVLPSALIR	AGAP010810-PA	M4(Oxidation), C5(Carbamidomethyl)	24	0.001288451	1	2168.299	8.11	Malpighian tubule	3L:+:10791489-10791542	exon=> In CDS Exon 1 of transcript AGAP010810-PA
JHU_Ag_277	ILIATVAGR	AGAP010815-PA	-	56	8.84E-06	2	913.582	-0.65	Pupa	3L:-:11205069-11205043	exon=> In CDS Exon 6 of transcript AGAP010815-PA
JHU_Ag_5967	TLDDILFDSANEK	AGAP010815-PA	-	46	0.000341457	2	1480.719	1.53	Pupa	3L:-:11204624-11204586	exon=> In CDS Exon 8 of transcript AGAP010815-PA
JHU_Ag_6870	ILIATVAGR	AGAP010815-PA	-	57	4.48E-06	2	913.585	2.69	Malpighian tubule	3L:-:11205069-11205043	exon=> In CDS Exon 6 of transcript AGAP010815-PA
JHU_Ag_25370	TNFQESWLWK	AGAP010815-PA	-	44	0.000540868	2	1338.648	0.54	Pupa	3L:-:11204528-11204499	exon=> In CDS Exon 8 of transcript AGAP010815-PA
JHU_Ag_28134	ALDWLASK	AGAP010815-PA	-	61	1.36E-05	2	903.493	-0.78	Pupa	3L:-:11203418-11203395	exon=> In CDS Exon 10 of transcript AGAP010815-PA
JHU_Ag_31294	TNFQESWLWK	AGAP010815-PA	-	38	0.002643542	2	1338.650	1.91	Ovary	3L:-:11204528-11204499	exon=> In CDS Exon 8 of transcript AGAP010815-PA
JHU_Ag_36593	MINFNMPEDLTAGNYK	AGAP010815-PA,AGAP010814-PA	M1(Oxidation)	70	1.21E-06	2	1857.853	1.14	Pupa	3L:-:11206552-11206733,11205800-11206443;3L:-:11190117-11190298,11189365-11190008	exon=> In CDS Exon 3 and 2 of transcript AGAP010815-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP010814-PA
JHU_Ag_48670	ITIDGQR	AGAP010815-PA,AGAP010814-PA	-	43	0.001338913	1	802.441	-0.94	Pupa	3L:-:11206442-11206422;3L:-:11190007-11189987	exon=> In CDS Exon 3 of transcript AGAP010815-PA;exon=> In CDS Exon 3 of transcript AGAP010814-PA
JHU_Ag_73725	VDLLLK	AGAP010815-PA,AGAP010814-PA	-	35	0.000494822	2	700.460	-0.63	Pupa	3L:-:11206648-11206631;3L:-:11190213-11190196	exon=> In CDS Exon 2 of transcript AGAP010815-PA;exon=> In CDS Exon 2 of transcript AGAP010814-PA
JHU_Ag_85931	ANQEYTLVISNFNSQLSK	AGAP010815-PA,AGAP010814-PA	-	69	1.94E-06	2	2056.034	-0.19	Pupa	3L:-:11206702-11206649;3L:-:11190267-11190214	exon=> In CDS Exon 2 of transcript AGAP010815-PA;exon=> In CDS Exon 2 of transcript AGAP010814-PA

JHU_Ag_111495	ANQEYTLVISNFNSQLSK	AGAP010815-PA,AGAP010814-PA	-	48	0.000258102	2	2056.045	5.27	Head	3L:-:11206702-11206649;3L:-:11190267-11190214	exon=> In CDS Exon 2 of transcript AGAP010815-PA;exon=> In CDS Exon 2 of transcript AGAP010814-PA
JHU_Ag_45077	DPQRNVIR	AGAP010815-PA,AGAP010819-PA,AGAP010814-PA	Q3(Deamidated), N5(Deamidated)	33	0.0048991	1	999.525	2.83	Malpighian tubule	3L:-:11206244-11206221;3L:+:11291727-11291750;3L:-:11189809-11189786	exon=> In CDS Exon 3 of transcript AGAP010815-PA;exon=> In CDS Exon 3 of transcript AGAP010819-PA;exon=> In CDS Exon 3 of transcript AGAP010814-PA
JHU_Ag_86090	NNFDLSIDEQEIKPGR	AGAP010818-PA,AGAP010815-PA	N2(Deamidated)	47	0.000373247	1	1875.930	11.31	Midgut	3L:+:11285241-11285246,11285311-11285352;3L:-:11204997-11205247,11204723-11204891	exon=> In CDS Exon 6 and 7 of transcript AGAP010818-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010815-PA
JHU_Ag_87142	NNFDLSIDEQEIKPGR	AGAP010818-PA,AGAP010815-PA	-	131	1.34E-12	1	1874.929	2.21	Pupa	3L:+:11285241-11285246,11285311-11285352;3L:-:11204997-11205247,11204723-11204891	exon=> In CDS Exon 6 and 7 of transcript AGAP010818-PA;exon=> In CDS Exon 7 and 6 of transcript AGAP010815-PA
JHU_Ag_20236	SISGLIQVDKPVFKPGDTVNFR	AGAP010818-PA,AGAP010815-PA,AGAP010814-PA	-	90	4.31E-09	1	2417.322	1.28	Pupa	3L:+:11283856-11283921;3L:-:11206376-11206311;3L:-:11189941-11189876	exon=> In CDS Exon 3 of transcript AGAP010818-PA;exon=> In CDS Exon 3 of transcript AGAP010815-PA;exon=> In CDS Exon 3 of transcript AGAP010814-PA
JHU_Ag_2317	VDANEVEPGR	AGAP010821-PA	-	76	2.53E-07	2	1085.528	5.31	Salivary gland	3L:+:11337133-11337162	exon=> In CDS Exon 3 of transcript AGAP010821-PA
JHU_Ag_3751	NLDLLCR	AGAP010821-PA	C6(Carbamidomethyl)	37	0.003542127	1	903.473	1.26	Midgut	3L:+:11334722-11334742	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_10451	NSFLLNIK	AGAP010821-PA	N1(Deamidated)	57	1.46E-05	1	948.551	-0.26	Midgut	3L:+:11335292-11335315	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_17735	LATFTNER	AGAP010821-PA	-	42	0.000867628	2	951.489	-0.68	Salivary gland	3L:+:11334878-11334901	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_22596	ATALIDGGLRANQLLK	AGAP010821-PA	-	55	5.90E-06	1	1653.968	1.79	Malpighian tubule	3L:+:11335010-11335057	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_39231	LATFTNER	AGAP010821-PA	-	36	0.003752613	2	951.489	-0.68	Midgut	3L:+:11334878-11334901	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_40999	ATALIDGGLR	AGAP010821-PA	-	71	1.19E-06	2	986.565	1.79	Salivary gland	3L:+:11335010-11335039	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_43842	LPGPSTETLDVTTNVLPGGVK	AGAP010821-PA	-	123	5.11E-12	1	2095.127	-0.7	Midgut	3L:+:11334776-11334838	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_55178	NNDCSMERPSLFTLEATNALGTQTYVIK	AGAP010821-PA	C4(Carbamidomethyl), M6(Oxidation)	62	9.13E-06	1	3189.520	0.36	Midgut	3L:+:11337040-11337123	exon=> In CDS Exon 3 of transcript AGAP010821-PA
JHU_Ag_60554	VDANEVEPGR	AGAP010821-PA	-	65	2.82E-06	2	1085.521	-1.1	Midgut	3L:+:11337133-11337162	exon=> In CDS Exon 3 of transcript AGAP010821-PA
JHU_Ag_98171	ADKPIDQCNVR	AGAP010821-PA	C8(Carbamidomethyl)	39	0.001422884	1	1315.641	-0.83	Midgut	3L:+:11334743-11334775	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_107108	ATALIDGGLR	AGAP010821-PA	-	55	4.45E-05	2	986.563	-0.19	Midgut	3L:+:11335010-11335039	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_111321	NSFLLNIK	AGAP010821-PA	-	57	1.41E-05	1	948.554	2.83	Salivary gland	3L:+:11335292-11335315	exon=> In CDS Exon 1 of transcript AGAP010821-PA
JHU_Ag_24447	LSWYLDGVK	AGAP010822-PA	-	41	0.000835897	2	1080.575	2.8	Larva	3L:+:11342090-11342116	exon=> In CDS Exon 2 of transcript AGAP010822-PA

JHU_Ag_3141	IGRPAQLCLIR	AGAP010823-PA	C8(Carbamidomethyl)	51	2.88E-05	1	1296.757	-0.23	Salivary gland	3L:+:11443826-11443851,11443927-11443933	exon=> In CDS Exon 1 and 2 of transcript AGAP010823-PA
JHU_Ag_6593	MPGLNDQIALSPTEK	AGAP010823-PA	M1(Oxidation)	112	1.01E-10	1	1629.822	4.21	Larva	3L:+:11443934-11443978	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_31863	IGRPAQLCLIR	AGAP010823-PA	C8(Carbamidomethyl)	56	9.87E-06	1	1296.757	0.23	Pupa	3L:+:11443826-11443851,11443927-11443933	exon=> In CDS Exon 1 and 2 of transcript AGAP010823-PA
JHU_Ag_33702	SITVVENQENVELHCR	AGAP010823-PA	C15(Carbamidomethyl)	109	1.81E-10	1	1926.937	1.78	Ovary	3L:+:11443778-11443825	exon=> In CDS Exon 1 of transcript AGAP010823-PA
JHU_Ag_41994	MPGLNDQIALSPTEK	AGAP010823-PA	M1(Oxidation)	113	6.60E-11	1	1613.826	3.74	Ovary	3L:+:11443934-11443978	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_44289	MPGLNDQIALSPTEK	AGAP010823-PA	-	116	3.39E-11	1	1613.822	1.25	Salivary gland	3L:+:11443934-11443978	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_45617	SPVAGYHYHGEGLDK	AGAP010823-PA	-	98	2.32E-09	1	1629.767	0.54	Head	3L:+:11443979-11444023	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_50203	SITVVENQENVELHCR	AGAP010823-PA	C15(Carbamidomethyl)	59	2.06E-05	2	1926.941	3.55	Pupa	3L:+:11443778-11443825	exon=> In CDS Exon 1 of transcript AGAP010823-PA
JHU_Ag_51678	QQPVAAPIVPPPAAAK	AGAP010823-PA	-	27	0.005989602	1	1554.900	-0.01	Head	3L:+:11449821-11449868	exon=> In CDS Exon 7 of transcript AGAP010823-PA
JHU_Ag_53311	MPGLNDQIALSPTEK	AGAP010823-PA	-	68	2.03E-06	1	1613.820	-0.49	Head	3L:+:11443934-11443978	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_55889	GASLNTDINPDSEAQIAPHPHDDEIDER	AGAP010823-PA	-	109	1.36E-10	1	3056.383	-0.07	Salivary gland	3L:+:11445230-11445230,11449633-11449715	exon=> In CDS Exon 6 and 7 of transcript AGAP010823-PA
JHU_Ag_56279	IGRPAQLCLIR	AGAP010823-PA	C8(Carbamidomethyl)	50	3.47E-05	1	1296.759	1.39	Ovary	3L:+:11443826-11443851,11443927-11443933	exon=> In CDS Exon 1 and 2 of transcript AGAP010823-PA
JHU_Ag_59576	LQTQDPAAHYVHEGDER	AGAP010823-PA	-	76	2.36E-07	1	1965.882	-11.58	Ovary	3L:+:11449716-11449766	exon=> In CDS Exon 7 of transcript AGAP010823-PA
JHU_Ag_78018	SPVAGYHYHGEGLDK	AGAP010823-PA	-	54	5.08E-05	1	1629.764	-1.19	Pupa	3L:+:11443979-11444023	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_78461	MPGLNDQIALSPTEK	AGAP010823-PA	M1(Oxidation)	116	3.63E-11	1	1613.823	1.47	Pupa	3L:+:11443934-11443978	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_80228	IGRPAQLCLIR	AGAP010823-PA	C8(Carbamidomethyl)	37	0.00076001	1	1296.761	2.73	Larva	3L:+:11443826-11443851,11443927-11443933	exon=> In CDS Exon 1 and 2 of transcript AGAP010823-PA
JHU_Ag_82250	SPVAGYHYHGEGLDK	AGAP010823-PA	-	38	0.002330673	1	1629.769	1.85	Larva	3L:+:11443979-11444023	exon=> In CDS Exon 2 of transcript AGAP010823-PA
JHU_Ag_88810	GASLNTDINPDSEAQIAPHPHDDEIDER	AGAP010823-PA	-	140	1.07E-13	1	3056.387	1.49	Ovary	3L:+:11445230-11445230,11449633-11449715	exon=> In CDS Exon 6 and 7 of transcript AGAP010823-PA
JHU_Ag_96877	QQPVAAPIVPPPAAAK	AGAP010823-PA	-	40	0.000290508	1	1554.904	2.42	Ovary	3L:+:11449821-11449868	exon=> In CDS Exon 7 of transcript AGAP010823-PA
JHU_Ag_2903	ASNNFGVEEYR	AGAP010823-PA,AGAP012693-PA	-	63	4.48E-06	1	1285.579	-1.38	Head	3L:+:11445047-11445079;UNKN:+:23854228-23854260	exon=> In CDS Exon 6 of transcript AGAP010823-PA;exon=> In CDS Exon 4 of transcript AGAP012693-PA
JHU_Ag_16451	ASNNFGVEEYR	AGAP010823-PA,AGAP012693-PA	-	55	2.79E-05	2	1285.583	2.04	Ovary	3L:+:11445047-11445079;UNKN:+:23854228-23854260	exon=> In CDS Exon 6 of transcript AGAP010823-PA;exon=> In CDS Exon 4 of transcript AGAP012693-PA
JHU_Ag_21747	ASNNFGVEEYR	AGAP010823-PA,AGAP012693-PA	-	44	0.00037336	2	1285.583	1.66	Pupa	3L:+:11445047-11445079;UNKN:+:23854228-23854260	exon=> In CDS Exon 6 of transcript AGAP010823-PA;exon=> In CDS Exon 4 of transcript AGAP012693-PA

JHU_Ag_22837	LTCQAQHLAYPEGVSR	AGAP010823-PA,AGAP012693-PA	C3(Carbamidomethyl)	83	8.40E-08	1	1829.895	-0.81	Ovary	3L:+:11444571-11444618;UNKN:+:23853750-23853797	exon=> In CDS Exon 4 of transcript AGAP010823-PA;exon=> In CDS Exon 2 of transcript AGAP012693-PA
JHU_Ag_24568	YAVPIPEALGNNR	AGAP010823-PA,AGAP012693-PA	-	43	0.000541069	2	1413.751	1.84	Salivary gland	3L:+:11444867-11444893,11444969-11444980;UNKN:+:23854048-23854074,23854150-23854161	exon=> In CDS Exon 5 and 6 of transcript AGAP010823-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP012693-PA
JHU_Ag_24908	LTCQAQHLAYPEGVSR	AGAP010823-PA,AGAP012693-PA	C3(Carbamidomethyl)	73	9.58E-07	1	1829.902	2.9	Head	3L:+:11444571-11444618;UNKN:+:23853750-23853797	exon=> In CDS Exon 4 of transcript AGAP010823-PA;exon=> In CDS Exon 2 of transcript AGAP012693-PA
JHU_Ag_39027	ASNNFGVEEYR	AGAP010823-PA,AGAP012693-PA	-	71	6.70E-07	1	1285.581	0.14	Salivary gland	3L:+:11445047-11445079;UNKN:+:23854228-23854260	exon=> In CDS Exon 6 of transcript AGAP010823-PA;exon=> In CDS Exon 4 of transcript AGAP012693-PA
JHU_Ag_65120	LTCQAQHLAYPEGVSR	AGAP010823-PA,AGAP012693-PA	C3(Carbamidomethyl)	83	8.55E-08	1	1829.897	0.19	Malpighian tubule	3L:+:11444571-11444618;UNKN:+:23853750-23853797	exon=> In CDS Exon 4 of transcript AGAP010823-PA;exon=> In CDS Exon 2 of transcript AGAP012693-PA
JHU_Ag_66311	LTCQAQHLAYPEGVSR	AGAP010823-PA,AGAP012693-PA	C3(Carbamidomethyl)	54	7.38E-05	1	1829.898	0.99	Salivary gland	3L:+:11444571-11444618;UNKN:+:23853750-23853797	exon=> In CDS Exon 4 of transcript AGAP010823-PA;exon=> In CDS Exon 2 of transcript AGAP012693-PA
JHU_Ag_68288	ASNNFGVEEYRLTLR	AGAP010823-PA,AGAP012693-PA	-	67	2.60E-06	1	1768.903	2.76	Malpighian tubule	3L:+:11445047-11445091;UNKN:+:23854228-23854272	exon=> In CDS Exon 6 of transcript AGAP010823-PA;exon=> In CDS Exon 4 of transcript AGAP012693-PA
JHU_Ag_70701	HMFTATSTLK	AGAP010823-PA,AGAP012693-PA	M2(Oxidation)	48	0.000238603	1	1152.571	-0.52	Head	3L:+:11444508-11444537;UNKN:+:23853687-23853716	exon=> In CDS Exon 4 of transcript AGAP010823-PA;exon=> In CDS Exon 2 of transcript AGAP012693-PA
JHU_Ag_76833	YAVPIPEALGNNR	AGAP010823-PA,AGAP012693-PA	-	42	0.000598 76	2	1413.751	1.92	Head	3L:+:11444867-11444893,11444969-11444980;UNKN:+:23854048-23854074,23854150-23854161	exon=> In CDS Exon 5 and 6 of transcript AGAP010823-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP012693-PA
JHU_Ag_82699	RLTCQAQHLAYPEGVSR	AGAP010823-PA,AGAP012693-PA	C4(Carbamidomethyl)	65	5.16E-06	1	1986.007	4.58	Ovary	3L:+:11444568-11444618;UNKN:+:23853747-23853797	exon=> In CDS Exon 4 of transcript AGAP010823-PA;exon=> In CDS Exon 2 of transcript AGAP012693-PA
JHU_Ag_101804	LTCQAQHLAYPEGVSR	AGAP010823-PA,AGAP012693-PA	C3(Carbamidomethyl)	65	5.29E-06	1	1829.895	-0.91	Pupa	3L:+:11444571-11444618;UNKN:+:23853750-23853797	exon=> In CDS Exon 4 of transcript AGAP010823-PA;exon=> In CDS Exon 2 of transcript AGAP012693-PA
JHU_Ag_113519	ANPSPHVMWNIDGTDYHQGTEQGR	AGAP010823-PA,AGAP012693-PA	M8(Oxidation)	87	1.62E-08	1	2726.213	4.28	Larva	3L:+:11444795-11444866;UNKN:+:23853976-23854047	exon=> In CDS Exon 5 of transcript AGAP010823-PA;exon=> In CDS Exon 3 of transcript AGAP012693-PA

JHU_Ag_114971	ASNNFGVEEYRLTLR	AGAP010823-PA,AGAP012693-PA	-	60	1.31E-05	1	1768.904	3.79	Ovary	3L:+:11445047-11445091;UNKN:+:23854228-23854272	exon=> In CDS Exon 6 of transcript AGAP010823-PA;exon=> In CDS Exon 4 of transcript AGAP012693-PA
JHU_Ag_41985	SCTSYYTCVEGFPHYR	AGAP010825-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	72	3.24E-07	2	2026.852	4.74	Larva	3L:+:11497160-11497207	exon=> In CDS Exon 1 of transcript AGAP010825-PA
JHU_Ag_117451	TCTYPQYSTCR	AGAP010825-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	42	0.000273557	1	1436.600	4.32	Larva	3L:+:11497073-11497105	exon=> In CDS Exon 1 of transcript AGAP010825-PA
JHU_Ag_81516	VIVLDTELKPPAR	AGAP010830-PA,AGAP010819-PA,AGAP010815-PA,AGAP010814-PA	-	51	1.00E-05	1	1450.862	-0.62	Pupa	3L:+:11596087-11596125;3L:+:11291661-11291699;3L:-:11206310-11206272;3L:-:11189875-11189837	exon=> In CDS Exon 3 of transcript AGAP010830-PA;exon=> In CDS Exon 3 of transcript AGAP010819-PA;exon=> In CDS Exon 3 of transcript AGAP010815-PA;exon=> In CDS Exon 3 of transcript AGAP010814-PA
JHU_Ag_11205	VQLIK	AGAP010830-PA,AGAP010819-PA,AGAP012990-PA	-	34	0.002119318	1	600.409	1.64	Malpighian tubule	3L:+:11596716-11596730;3L:+:11292287-11292301;2R:-:6098834-6098820	exon=> In CDS Exon 4 of transcript AGAP010830-PA;exon=> In CDS Exon 4 of transcript AGAP010819-PA;exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_33761	VQLIK	AGAP010830-PA,AGAP010819-PA,AGAP012990-PA	-	32	0.003397786	1	600.407	-1	Midgut	3L:+:11596716-11596730;3L:+:11292287-11292301;2R:-:6098834-6098820	exon=> In CDS Exon 4 of transcript AGAP010830-PA;exon=> In CDS Exon 4 of transcript AGAP010819-PA;exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_12262	LTDDPTAPAVTTGADGK	AGAP010841-PA	-	116	3.56E-11	1	1629.800	2.3	Head	3L:+:11861254-11861304	exon=> In CDS Exon 5 of transcript AGAP010841-PA
JHU_Ag_65950	LYLEEGLLER	AGAP010841-PA	-	69	1.51E-06	1	1234.671	2.23	Head	3L:+:11857061-11857090	exon=> In CDS Exon 2 of transcript AGAP010841-PA
JHU_Ag_100655	KLPDADLR	AGAP010841-PA	-	30	0.004850731	2	927.522	-3.68	Head	3L:+:11857091-11857114	exon=> In CDS Exon 2 of transcript AGAP010841-PA
JHU_Ag_8910	GGLAPHVSPFTQIR	AGAP010842-PA	-	60	8.29E-06	1	1479.808	0.62	Visceras	3L:+:11873170-11873211	exon=> In CDS Exon 2 of transcript AGAP010842-PA
JHU_Ag_17083	SALQLAEQER	AGAP010842-PA	-	65	4.71E-06	2	1144.597	1.08	Visceras	3L:+:11873137-11873166	exon=> In CDS Exon 2 of transcript AGAP010842-PA
JHU_Ag_37390	SALQLAEQER	AGAP010842-PA	-	58	2.36E-05	1	1144.596	0.12	Malpighian tubule	3L:+:11873137-11873166	exon=> In CDS Exon 2 of transcript AGAP010842-PA
JHU_Ag_41154	RDDVELYDYIK	AGAP010842-PA	-	64	4.82E-06	2	1428.707	4.63	Malpighian tubule	3L:+:11872666-11872667,11872725-11872755	exon=> In CDS Exon 1 and 2 of transcript AGAP010842-PA
JHU_Ag_54962	GYVTNHVLGETVQK	AGAP010842-PA	-	65	4.97E-06	1	1544.811	2.63	Malpighian tubule	3L:+:11872840-11872881	exon=> In CDS Exon 2 of transcript AGAP010842-PA
JHU_Ag_87479	RDDVELYDYIK	AGAP010842-PA	-	65	4.74E-06	2	1428.704	2.16	Head	3L:+:11872666-11872667,11872725-11872755	exon=> In CDS Exon 1 and 2 of transcript AGAP010842-PA
JHU_Ag_88898	RQFTNAVDLGAGR	AGAP010842-PA	-	79	1.97E-07	1	1404.735	0.17	Head	3L:+:11872801-11872839	exon=> In CDS Exon 2 of transcript AGAP010842-PA
JHU_Ag_81007	LTNTGETVILSAR	AGAP010844-PA	N3(Deamidated)	104	3.18E-10	2	1374.761	1.37	Male reproductive organs	3L:-:11896587-11896549	exon=> In CDS Exon 1 of transcript AGAP010844-PA
JHU_Ag_100858	AVQLELEPLR	AGAP010844-PA	-	53	2.64E-05	1	1167.674	0.74	Male reproductive organs	3L:-:11896653-11896624	exon=> In CDS Exon 1 of transcript AGAP010844-PA

JHU_Ag_31967	SYYGGGSSERLFDLGGLLGSR	AGAP010849-PA	-	67	3.13E-06	1	2191.084	2.59	Malpighian tubule	3L:+:11997015-11997045,11997123-11997154	exon=> In CDS Exon 2 and 3 of transcript AGAP010849-PA
JHU_Ag_76037	LFDLGGLLGSR	AGAP010849-PA	-	63	3.27E-06	2	1147.650	2.21	Visceras	3L:+:11997045-11997045,11997123-11997154	exon=> In CDS Exon 2 and 3 of transcript AGAP010849-PA
JHU_Ag_107850	LFDLGGLLGSR	AGAP010849-PA	-	44	0.000234343	2	1147.653	5.5	Malpighian tubule	3L:+:11997045-11997045,11997123-11997154	exon=> In CDS Exon 2 and 3 of transcript AGAP010849-PA
JHU_Ag_21911	ALTAQLQSIQSPQDAVPQK	AGAP010854-PA	-	34	0.003113072	1	2023.086	2.09	Male reproductive organs	3L:+:12057118-12057174	exon=> In CDS Exon 3 of transcript AGAP010854-PA
JHU_Ag_92809	VAKPGAEVTQER	AGAP010854-PA	-	66	2.58E-06	1	1284.696	4.19	Larva	3L:+:12057825-12057860	exon=> In CDS Exon 4 of transcript AGAP010854-PA
JHU_Ag_34396	DGAGLTFMTYPDAIAK	AGAP010861-PA	M8(Oxidation)	75	5.06E-07	2	1686.810	3.51	Head	3L:+:12124439-12124486	exon=> In CDS Exon 6 of transcript AGAP010861-PA
JHU_Ag_5671	TGDAICDEVLGLLEK	AGAP010866-PA	C6(Carbamidomethyl)	115	5.11E-11	1	1632.819	2.31	Head	3L:-:12156494-12156450	exon=> In CDS Exon 1 of transcript AGAP010866-PA
JHU_Ag_5959	TGDAICDEVLGLLEK	AGAP010866-PA	C6(Carbamidomethyl)	58	2.57E-05	2	1632.820	2.98	Salivary gland	3L:-:12156494-12156450	exon=> In CDS Exon 1 of transcript AGAP010866-PA
JHU_Ag_14598	VGVSGGSLADILCEGMSDLR	AGAP010866-PA	C13(Carbamidomethyl), M16(Oxidation)	109	1.93E-10	1	2051.971	-1.46	Ovary	3L:-:12156410-12156530,12155765-12156215	exon=> In CDS Exon 2 and 1 of transcript AGAP010866-PA
JHU_Ag_18854	VCLFGAQGR	AGAP010866-PA	C2(Carbamidomethyl)	52	9.05E-05	1	1007.510	1.19	Ovary	3L:-:12155812-12155786	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_22020	AFGLEKPEEVPSFDLLILGIGPDGHTASLFPGHPLLGEK	AGAP010866-PA	-	107	6.94E-11	1	4098.174	3.68	Ovary	3L:-:12156016-12155900	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_28151	TGDAICDEVLGLLEK	AGAP010866-PA	C6(Carbamidomethyl)	79	2.16E-07	2	1632.813	-1.13	Midgut	3L:-:12156494-12156450	exon=> In CDS Exon 1 of transcript AGAP010866-PA
JHU_Ag_32331	AFGLEKPEEVPSFDLLILGIGPDGHTASLFPGHPLLGEK	AGAP010866-PA	-	58	5.11E-06	1	4098.161	0.47	Malpighian tubule	3L:-:12156016-12155900	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_34710	TGDAICDEVLGLLEK	AGAP010866-PA	C6(Carbamidomethyl)	88	2.74E-08	1	1632.815	0.06	Ovary	3L:-:12156494-12156450	exon=> In CDS Exon 1 of transcript AGAP010866-PA
JHU_Ag_41363	VCLFGAQGR	AGAP010866-PA	C2(Carbamidomethyl)	51	0.000123308	1	1007.511	2.16	Malpighian tubule	3L:-:12155812-12155786	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_43902	MLIAPIENSPKPPPK	AGAP010866-PA	M1(Oxidation)	65	1.50E-06	2	1647.918	2.62	Head	3L:-:12155896-12155852	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_52489	VGVSGGSLADILCEGMSDLR	AGAP010866-PA	C13(Carbamidomethyl), M16(Oxidation)	58	2.82E-05	2	2051.979	2.71	Salivary gland	3L:-:12156410-12156530,12155765-12156215	exon=> In CDS Exon 2 and 1 of transcript AGAP010866-PA
JHU_Ag_55782	VVPVTDKESTWGIFK	AGAP010866-PA	-	84	3.59E-08	2	1705.914	-0.91	Midgut	3L:-:12156172-12156128	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_65836	WQIFFCDER	AGAP010866-PA	C6(Carbamidomethyl)	54	3.04E-05	1	1300.579	1.09	Midgut	3L:-:12156199-12156173	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_71037	VTMTLPLINNAK	AGAP010866-PA	M3(Oxidation)	38	0.001876504	2	1314.745	0.27	Midgut	3L:-:12155848-12155813	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_94460	VGVSGGSLADILCEGMSDLR	AGAP010866-PA	C13(Carbamidomethyl), M16(Oxidation)	120	1.59E-11	2	2051.979	2.59	Male reproductive organs	3L:-:12156410-12156530,12155765-12156215	exon=> In CDS Exon 2 and 1 of transcript AGAP010866-PA
JHU_Ag_104700	VCLFGAQGR	AGAP010866-PA	C2(Carbamidomethyl)	42	0.001189045	2	1007.508	-0.87	Male reproductive organs	3L:-:12155812-12155786	exon=> In CDS Exon 2 of transcript AGAP010866-PA
JHU_Ag_117502	FANETLAK	AGAP010866-PA	-	48	0.000200712	2	893.472	-0.53	Midgut	3L:-:12156449-12156426	exon=> In CDS Exon 1 of transcript AGAP010866-PA
JHU_Ag_851	ASLPAYARPLFIR	AGAP010870-PA	-	60	3.30E-06	1	1474.857	2.94	Malpighian tubule	3L:-:12291767-12291729	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_3599	FTADDHETIK	AGAP010870-PA	-	51	0.000107047	1	1176.553	-0.45	Head	3L:-:12291599-12291570	exon=> In CDS Exon 8 of transcript AGAP010870-PA

JHU_Ag_3948	IQDPIYFLQSNGTYR	AGAP010870-PA	N11(Deamidated)	71	1.29E-06	1	1815.898	3.45	Visceras	3L:-:12291647-12291603	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_8828	LMFGNGLRPQIWPQFVSR	AGAP010870-PA	M2(Oxidation),N5(Deamidated)	51	7.66E-05	1	2162.140	3.09	Malpighian tubule	3L:-:12292780-12292727	exon=> In CDS Exon 4 of transcript AGAP010870-PA
JHU_Ag_8879	AIYPVTLIR	AGAP010870-PA	-	32	0.000839708	2	1045.643	2.87	Head	3L:-:12292530-12292583,12292163-12292432	exon=> In CDS Exon 6 and 5 of transcript AGAP010870-PA
JHU_Ag_10440	VGIVTALINSNLR	AGAP010870-PA	-	91	1.78E-09	2	1369.820	2.47	Visceras	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_11914	DCAVYGVDIPETEGK	AGAP010870-PA	C2(Carbamidomethyl)	57	2.17E-05	1	1652.746	-0.56	Visceras	3L:-:12291950-12292017,12291549-12291837	exon=> In CDS Exon 8 and 7 of transcript AGAP010870-PA
JHU_Ag_12376	AGMAAIVDPEGKVDLEQLAAGIR	AGAP010870-PA	-	49	8.77E-05	3	2324.232	1.57	Pupa	3L:-:12291836-12291768	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_15443	AGATVVQIFER	AGAP010870-PA	-	60	9.96E-06	2	1190.656	2.68	Pupa	3L:-:12299039-12299007	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_15773	FSASNFWTDCIR	AGAP010870-PA	C10(Carbamidomethyl)	39	0.000979693	1	1503.673	2.71	Malpighian tubule	3L:-:12293028-12292993	exon=> In CDS Exon 3 of transcript AGAP010870-PA
JHU_Ag_16184	VLSEVPMTTTFK	AGAP010870-PA	-	52	6.21E-05	2	1352.715	1.34	Pupa	3L:-:12291728-12291693	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_18753	CTVAQYIGEICR	AGAP010870-PA	C1(Carbamidomethyl), C11(Carbamidomethyl)	74	5.23E-07	2	1469.695	4.87	Head	3L:-:12292986-12293182,12292669-12292832	exon=> In CDS Exon 4 and 3 of transcript AGAP010870-PA
JHU_Ag_19317	VGIVTALINSNLRK	AGAP010870-PA	-	64	4.06E-07	1	1497.913	0.91	Malpighian tubule	3L:-:12298814-12298773	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_19734	LMFGNGLRPQIWPQFVSR	AGAP010870-PA	N5(Deamidated),"M2(Oxidation), N5(Deamidated)"	86	3.32E-08	1	2147.125	1.19	Pupa	3L:-:12292780-12292727	exon=> In CDS Exon 4 of transcript AGAP010870-PA
JHU_Ag_20288	VAAHFYAK	AGAP010870-PA	-	35	0.004667883	1	906.483	-0.18	Pupa	3L:-:12298919-12298896	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_24137	VGIVTALINSNLR	AGAP010870-PA	-	49	2.84E-05	2	1369.817	0.24	Male reproductive organs	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_33410	VGIVTALINSNLR	AGAP010870-PA	-	47	4.47E-05	2	1369.818	1.31	Midgut	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_34483	AAVITNLR	AGAP010870-PA	-	34	0.004746378	1	857.520	-0.78	Pupa	3L:-:12295523-12295744,12292981-12293182	exon=> In CDS Exon 3 and 2 of transcript AGAP010870-PA
JHU_Ag_38262	AGATVVQIFER	AGAP010870-PA	-	78	1.51E-07	2	1190.658	4.53	Malpighian tubule	3L:-:12299039-12299007	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_38860	VDLEQLAAGIR	AGAP010870-PA	-	63	4.31E-06	2	1184.668	3.87	Head	3L:-:12291800-12291768	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_39240	VGIVTALINSNLR	AGAP010870-PA	-	74	1.02E-07	2	1369.823	4.97	Larva	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_40082	AGEPGVFVGK	AGAP010870-PA	-	51	0.000134905	2	960.517	1.87	Head	3L:-:12292371-12292342	exon=> In CDS Exon 6 of transcript AGAP010870-PA
JHU_Ag_40084	RDLQVDGYDLGK	AGAP010870-PA	-	72	1.17E-06	1	1378.690	-4.23	Head	3L:-:12291683-12291648	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_46329	ALNSFVGYADK	AGAP010870-PA	-	57	2.13E-05	2	1184.595	0.3	Head	3L:-:12292326-12292294	exon=> In CDS Exon 6 of transcript AGAP010870-PA
JHU_Ag_48663	VGIVTALINSNLR	AGAP010870-PA	-	71	1.53E-07	2	1369.819	2.2	Pupa	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_51404	FVLMTPPKPTDTQHSVR	AGAP010870-PA	M4(Oxidation)	93	6.51E-09	1	1970.013	-1.57	Head	3L:-:12292831-12292781	exon=> In CDS Exon 4 of transcript AGAP010870-PA
JHU_Ag_54114	LEYPCIWLGLSK	AGAP010870-PA	C5(Carbamidomethyl)	43	0.000727678	2	1478.778	4.4	Visceras	3L:-:12298850-12298815	exon=> In CDS Exon 1 of transcript AGAP010870-PA

JHU_Ag_54473	VGIVTALINSNLR	AGAP010870-PA	-	79	2.53E-08	2	1369.820	2.56	Malpighian tubule	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_58352	FTADDHETIK	AGAP010870-PA	-	52	8.50E-05	1	1176.552	-0.87	Pupa	3L:-:12291599-12291570	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_60170	LVYIYTSGTTGMPK	AGAP010870-PA	M12(Oxidation)	76	4.19E-07	2	1546.783	0.36	Head	3L:-:12295565-12295524	exon=> In CDS Exon 2 of transcript AGAP010870-PA
JHU_Ag_64162	VDLEQLAAGIR	AGAP010870-PA	-	97	1.68E-09	2	1184.665	1.09	Pupa	3L:-:12291800-12291768	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_64702	AGATVVQIFER	AGAP010870-PA	-	51	8.25E-05	1	1190.654	0.73	Midgut	3L:-:12299039-12299007	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_70164	VGIVTALINSNLR	AGAP010870-PA	-	87	4.07E-09	1	1369.819	1.85	Head	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_71244	LMFGNGLRPQIWPQFVSR	AGAP010870-PA	-	74	3.97E-07	1	2146.141	1.45	Visceras	3L:-:12292780-12292727	exon=> In CDS Exon 4 of transcript AGAP010870-PA
JHU_Ag_71752	VDLEQLAAGIR	AGAP010870-PA	-	96	2.46E-09	2	1184.665	1.71	Malpighian tubule	3L:-:12291800-12291768	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_73109	VGIVTALINSNLR	AGAP010870-PA	-	48	3.79E-05	2	1369.821	3.36	Ovary	3L:-:12298814-12298776	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_74198	VDLEQLAAGIR	AGAP010870-PA	-	95	2.51E-09	2	1184.665	1.09	Visceras	3L:-:12291800-12291768	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_75827	VAFLMDDGQLTFAQVK	AGAP010870-PA	-	103	5.80E-10	1	1782.912	1.1	Pupa	3L:-:12298982-12298935	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_76540	LMFGNGLRPQIWPQFVSR	AGAP010870-PA	M2(Oxidation)	93	3.74E-09	1	2162.142	4.27	Head	3L:-:12292780-12292727	exon=> In CDS Exon 4 of transcript AGAP010870-PA
JHU_Ag_77277	VGIVTALINSNLRK	AGAP010870-PA	-	42	6.15E-05	1	1497.917	3.66	Head	3L:-:12298814-12298773	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_84874	GENVATSEVEGVITTIVGLK	AGAP010870-PA	-	56	2.08E-05	2	2016.094	3.97	Head	3L:-:12292010-12291951	exon=> In CDS Exon 7 of transcript AGAP010870-PA
JHU_Ag_85904	AIYPVTLIR	AGAP010870-PA	-	30	0.001727157	2	1045.642	1.23	Malpighian tubule	3L:-:12292530-12292583,12292163-12292432	exon=> In CDS Exon 6 and 5 of transcript AGAP010870-PA
JHU_Ag_87406	IQDPIYFLQSNGTYR	AGAP010870-PA	N11(Deamidated)	111	1.20E-10	2	1815.893	0.7	Pupa	3L:-:12291647-12291603	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_87530	KGDTIALLMETR	AGAP010870-PA	M9(Oxidation)	32	0.009316866	3	1363.719	-4.47	Head	3L:-:12298886-12298851	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_88616	FSASNFWTDCIR	AGAP010870-PA	C10(Carbamidomethyl)	91	6.78E-09	2	1503.670	1	Head	3L:-:12293028-12292993	exon=> In CDS Exon 3 of transcript AGAP010870-PA
JHU_Ag_91990	DCAVYGVDIPETEGK	AGAP010870-PA	C2(Carbamidomethyl)	74	4.91E-07	2	1652.752	3.14	Head	3L:-:12291950-12292017,12291549-12291837	exon=> In CDS Exon 8 and 7 of transcript AGAP010870-PA
JHU_Ag_103056	AAVITNLR	AGAP010870-PA	-	33	0.005825089	2	857.520	-0.07	Head	3L:-:12295523-12295744,12292981-12293182	exon=> In CDS Exon 3 and 2 of transcript AGAP010870-PA
JHU_Ag_104221	DLQVDGYDLGK	AGAP010870-PA	-	99	1.64E-09	2	1222.595	-0.43	Head	3L:-:12291680-12291648	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_106209	LSLDSSGSSSSNVDLSAIPNDISPK	AGAP010870-PA	-	37	0.002781441	2	2490.230	3.55	Head	3L:-:12295646-12295572	exon=> In CDS Exon 2 of transcript AGAP010870-PA
JHU_Ag_106388	VLSEVPMTTTFKLK	AGAP010870-PA	-	29	0.004325585	1	1593.902	6.06	Malpighian tubule	3L:-:12291728-12291687	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_110085	VAFLMDDGQLTFAQVK	AGAP010870-PA	M5(Oxidation)	101	1.11E-09	1	1798.922	9.48	Head	3L:-:12298982-12298935	exon=> In CDS Exon 1 of transcript AGAP010870-PA
JHU_Ag_110417	IQDPIYFLQSNGTYR	AGAP010870-PA	-	108	2.34E-10	2	1814.910	1.58	Head	3L:-:12291647-12291603	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_111140	VAAHFYAK	AGAP010870-PA	-	37	0.002866506	1	906.483	-0.45	Head	3L:-:12298919-12298896	exon=> In CDS Exon 1 of transcript AGAP010870-PA

JHU_Ag_114604	FTADDHETIK	AGAP010870-PA	-	44	0.000587941	2	1176.554	0.69	Malpighian tubule	3L:-:12291599-12291570	exon=> In CDS Exon 8 of transcript AGAP010870-PA
JHU_Ag_27537	LAVMSIGFLLK	AGAP010873-PA	M4(Oxidation)	65	6.52E-07	1	1207.716	2.93	Male reproductive organs	3L:-:12331682-12331650	exon=> In CDS Exon 2 of transcript AGAP010873-PA
JHU_Ag_58435	LAVMSIGFLLK	AGAP010873-PA	-	63	7.33E-07	2	1191.723	4.85	Visceras	3L:-:12331682-12331650	exon=> In CDS Exon 2 of transcript AGAP010873-PA
JHU_Ag_17349	TEGAIIVTTPQEMALEDVRK	AGAP010873-PA,AGAP012788-PA	M13(Oxidation)	57	2.52E-05	1	2217.145	0.62	Male reproductive organs	3L:-:12331484-12331425;UNKN:-:29037673-29037614	exon=> In CDS Exon 2 of transcript AGAP010873-PA;exon=> In CDS Exon 1 of transcript AGAP012788-PA
JHU_Ag_33291	VPHLGTLPIDPR	AGAP010873-PA,AGAP012788-PA	-	34	0.003368	1	1314.755	1.46	Visceras	3L:-:12331283-12331248;UNKN:-:29037472-29037437	exon=> In CDS Exon 2 of transcript AGAP010873-PA;exon=> In CDS Exon 1 of transcript AGAP012788-PA
JHU_Ag_39018	VPHLGTLPIDPR	AGAP010873-PA,AGAP012788-PA	-	39	0.001101939	1	1314.753	-0.23	Male reproductive organs	3L:-:12331283-12331248;UNKN:-:29037472-29037437	exon=> In CDS Exon 2 of transcript AGAP010873-PA;exon=> In CDS Exon 1 of transcript AGAP012788-PA
JHU_Ag_113097	VGELAGTGK	AGAP010873-PA,AGAP012788-PA	-	47	0.000345776	2	831.458	1.43	Malpighian tubule	3L:-:12331247-12331221;UNKN:-:29037436-29037410	exon=> In CDS Exon 2 of transcript AGAP010873-PA;exon=> In CDS Exon 1 of transcript AGAP012788-PA
JHU_Ag_17648	YVGLPLQWASIVGNNQILK	AGAP010874-PA	-	57	6.37E-06	1	2113.186	2.75	Ovary	3L:+:12342328-12342384	exon=> In CDS Exon 1 of transcript AGAP010874-PA
JHU_Ag_32627	LQNFLDR	AGAP010874-PA	Q2(Deamidated), N3(Deamidated)	34	0.006489147	1	907.442	-10.68	Head	3L:+:12350143-12350163	exon=> In CDS Exon 6 of transcript AGAP010874-PA
JHU_Ag_78124	IGEGSTGTVCIATDK	AGAP010874-PA	C10(Carbamidomethyl)	52	0.000114215	2	1508.726	-0.04	Ovary	3L:+:12349304-12349348	exon=> In CDS Exon 4 of transcript AGAP010874-PA
JHU_Ag_1212	LESWLNELEIYGTR	AGAP010875-PA	-	82	8.73E-08	1	1722.875	2.77	Head	3L:-:12359563-12359522	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_1782	DAQGAILVYDVTKPDTFQK	AGAP010875-PA	-	147	2.09E-14	1	2109.083	-1.68	Head	3L:-:12359620-12359564	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_5455	MDPDRILATFK	AGAP010875-PA	N-Term(Acetyl)	59	1.82E-05	1	1348.698	3.9	Malpighian tubule	3L:-:12360062-12360030	exon=> In CDS Exon 1 of transcript AGAP010875-PA
JHU_Ag_18624	LAIWDTAGQER	AGAP010875-PA	-	70	1.59E-06	1	1259.643	3.62	Malpighian tubule	3L:-:12359683-12359651	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_18774	TSEGVKDAFEEVVR	AGAP010875-PA	-	50	0.000185787	1	1565.784	2.28	Male reproductive organs	3L:-:12359398-12359357	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_20866	LAIWDTAGQER	AGAP010875-PA	-	71	1.21E-06	2	1259.636	-1.51	Male reproductive organs	3L:-:12359683-12359651	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_28129	LESWLNELEIYGTR	AGAP010875-PA	-	94	5.76E-09	2	1722.881	6.52	Visceras	3L:-:12359563-12359522	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_34970	AIGREEGFR	AGAP010875-PA	-	48	0.000222251	1	1034.539	0.65	Malpighian tubule	3L:-:12359470-12359444	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_48131	DAQGAILVYDVTKPDTFQK	AGAP010875-PA	-	69	1.38E-06	1	2109.091	2.26	Male reproductive organs	3L:-:12359620-12359564	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_70180	NDYGDGGVDLHGNR	AGAP010875-PA	-	103	2.72E-10	1	1488.640	-4.42	Head	3L:-:12359245-12359204	exon=> In CDS Exon 3 of transcript AGAP010875-PA
JHU_Ag_97638	TSEGVKDAFEEVVR	AGAP010875-PA	-	61	1.37E-05	1	1565.784	2.36	Malpighian tubule	3L:-:12359398-12359357	exon=> In CDS Exon 2 of transcript AGAP010875-PA
JHU_Ag_98090	MDPDRILATFK	AGAP010875-PA	N-Term(Acetyl), M1(Oxidation)	55	5.04E-05	1	1364.693	3.92	Malpighian tubule	3L:-:12360062-12360030	exon=> In CDS Exon 1 of transcript AGAP010875-PA
JHU_Ag_111483	MDPDRILATFK	AGAP010875-PA	N-Term(Acetyl), M1(Oxidation)	40	0.001736078	1	1364.689	0.78	Male reproductive organs	3L:-:12360062-12360030	exon=> In CDS Exon 1 of transcript AGAP010875-PA
JHU_Ag_116975	LAIWDTAGQER	AGAP010875-PA	-	44	0.000592014	2	1259.637	-0.93	Head	3L:-:12359683-12359651	exon=> In CDS Exon 2 of transcript AGAP010875-PA

JHU_Ag_555	EGSSGSSSGSSSSTGSEEAEKK	AGAP010876-PA	-	33	0.002574885	1	2061.870	0.54	Salivary gland	3L:+:12375610-12375675	exon=> In CDS Exon 4 of transcript AGAP010876-PA
JHU_Ag_1743	EEADPEEVRK	AGAP010876-PA	-	53	4.00E-05	2	1201.571	0.84	Head	3L:+:12375420-12375449	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_2441	MRETAEAYLNTPVK	AGAP010876-PA	-	52	9.95E-05	2	1622.826	3	Ovary	3L:+:12373901-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_3938	LFEMAYK	AGAP010876-PA	-	49	7.98E-05	1	901.449	-0.21	Pupa	3L:+:12375483-12375503	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_4502	VQSLVQEVFGR	AGAP010876-PA	-	91	8.87E-09	1	1261.690	-0.08	Midgut	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_5119	NAEQYAQADK	AGAP010876-PA	-	62	8.15E-06	2	1137.519	1.4	Salivary gland	3L:+:12375164-12375193	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_5997	DAGQIAGLNVLR	AGAP010876-PA	-	98	1.07E-09	2	1226.689	2.78	Pupa	3L:+:12374000-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_6887	VQSLVQEVFGR	AGAP010876-PA	-	94	4.68E-09	1	1261.691	0.69	Visceras	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_7050	MEEFKDQLPK	AGAP010876-PA	-	61	1.28E-05	2	1264.624	-0.25	Pupa	3L:+:12375260-12375289	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_7124	EQQIVIQSSGGLSKDEIENMIK	AGAP010876-PA	M20(Oxidation)	111	1.08E-10	2	2446.259	3.72	Visceras	3L:+:12375005-12375014,12375108-12375163	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_9250	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	113	8.51E-11	2	1679.834	1.52	Midgut	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_9687	EGSSGSSSGSSSSTGSEEAEK	AGAP010876-PA	-	153	1.09E-15	1	1933.777	1.21	Head	3L:+:12375610-12375672	exon=> In CDS Exon 4 of transcript AGAP010876-PA
JHU_Ag_10430	EGSSGSSSGSSSSTGSEEAEK	AGAP010876-PA	-	102	1.32E-10	2	1933.775	0.2	Malpighian tubule	3L:+:12375610-12375672	exon=> In CDS Exon 4 of transcript AGAP010876-PA
JHU_Ag_11068	SDIGEVLLVGGMTR	AGAP010876-PA	M12(Oxidation)	118	2.05E-11	2	1446.770	5.28	Malpighian tubule	3L:+:12374513-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_11078	AKLETLVGDLIK	AGAP010876-PA	-	60	2.57E-06	1	1299.789	0.34	Ovary	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_11368	RQAVTNSANTFYATK	AGAP010876-PA	-	43	0.000638452	2	1671.851	3.47	Malpighian tubule	3L:+:12373697-12373741	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_12045	TTPSHVAFTK	AGAP010876-PA	-	42	0.001184561	2	1088.568	-5.03	Head	3L:+:12373634-12373663	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_12301	MLGSFTLVGIPPAPR	AGAP010876-PA	M1(Oxidation)	39	0.001182085	1	1571.868	3.88	Head	3L:+:12374876-12374920	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_12708	TTSALQQSSLK	AGAP010876-PA	-	73	5.91E-07	2	1163.631	3.63	Ovary	3L:+:12375450-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_12767	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	-	160	1.68E-15	1	2125.058	2.93	Midgut	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_14288	LVGMPAKR	AGAP010876-PA	-	38	0.001420755	1	871.520	2.4	Malpighian tubule	3L:+:12373676-12373699	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_14432	IEAVNQAEGIVHDTETK	AGAP010876-PA	-	95	5.31E-09	1	1853.929	2.68	Ovary	3L:+:12375209-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_14658	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	51	0.000117706	2	1808.896	-3.47	Head	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_16152	DLANLSYKVVK	AGAP010876-PA	-	78	6.36E-08	1	1249.720	4.12	Malpighian tubule	3L:+:12373784-12373816	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_16669	AKLETLVGDLIK	AGAP010876-PA	-	76	6.77E-08	1	1299.792	3.16	Salivary gland	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_17666	DAGQIAGLNVLR	AGAP010876-PA	-	67	1.42E-06	1	1226.688	2.09	Ovary	3L:+:12374000-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_18132	QAVTNSANTFYATK	AGAP010876-PA	-	95	3.80E-09	1	1515.741	-1.87	Pupa	3L:+:12373700-12373741	exon=> In CDS Exon 1 of transcript AGAP010876-PA

JHU_Ag_18166	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	98	2.43E-09	1	1808.912	4.97	Visceras	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_18343	MRETAEAYLNTPVK	AGAP010876-PA	M1(Oxidation)	72	1.11E-06	1	1622.824	1.8	Visceras	3L:+:12373901-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_19013	QAVTNSANTFYATK	AGAP010876-PA	-	91	1.21E-08	2	1515.746	1.36	Head	3L:+:12373700-12373741	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_19174	QAVTNSANTFYATK	AGAP010876-PA	-	86	3.22E-08	1	1515.745	1.03	Visceras	3L:+:12373700-12373741	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_21637	AKLETLVGDLIK	AGAP010876-PA	-	91	1.95E-09	1	1299.790	1.37	Visceras	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_23458	NAEQYAQADK	AGAP010876-PA	-	68	1.85E-06	2	1137.516	-1.07	Head	3L:+:12375164-12375193	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_24333	MRETAEAYLNTPVK	AGAP010876-PA	M1(Oxidation)	61	1.27E-05	1	1622.832	7.06	Malpighian tubule	3L:+:12373901-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_26322	AKLETLVGDLIK	AGAP010876-PA	-	83	1.29E-08	1	1299.789	0.34	Male reproductive organs	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_26761	DQGIDIKK	AGAP010876-PA	-	40	0.001658891	1	916.510	-0.26	Pupa	3L:+:12374258-12374281	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_27622	ASNGDAWVQGSDGK	AGAP010876-PA	-	90	7.45E-09	2	1391.619	0.46	Head	3L:+:12373817-12373858	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_29091	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	113	4.33E-11	1	1555.820	0.59	Malpighian tubule	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_29156	EGSSGSSSGSSSSTGSEEAEKK	AGAP010876-PA	-	114	1.84E-11	1	2061.868	-0.58	Malpighian tubule	3L:+:12375610-12375675	exon=> In CDS Exon 4 of transcript AGAP010876-PA
JHU_Ag_29381	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	-	163	7.39E-16	1	2125.055	1.55	Salivary gland	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_29595	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	-	147	2.96E-14	1	2125.057	2.41	Ovary	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_30713	AKCELSSSVQTDINLPYLTMDASGPK	AGAP010876-PA	C3(Carbamidomethyl),"C3 (Carbamidomethyl), M20(Oxidation)"	48	0.000202713	1	2825.394	8.5	Malpighian tubule	3L:+:12374324-12374401	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_31544	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	80	1.49E-07	2	1808.901	-0.7	Male reproductive organs	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_32804	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	113	7.46E-11	2	1808.914	6.32	Malpighian tubule	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_33346	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	91	7.62E-09	1	1539.827	2.21	Visceras	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_33367	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	89	1.88E-08	2	1679.836	2.76	Pupa	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_33624	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	97	3.04E-09	2	1679.840	5.16	Larva	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_34096	VINEPTAAALAYGMDK	AGAP010876-PA	-	65	5.01E-06	2	1663.839	1.86	Ovary	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_34256	VQSLVQEVFGR	AGAP010876-PA	-	91	8.52E-09	1	1261.696	4.46	Head	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_35682	NAEQYAQADK	AGAP010876-PA	-	77	2.00E-07	2	1137.521	3.33	Ovary	3L:+:12375164-12375193	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_35888	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	99	2.34E-09	2	1808.902	-0.16	Midgut	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_36130	NAEQYAQADK	AGAP010876-PA	-	86	2.85E-08	2	1137.521	3.01	Malpighian tubule	3L:+:12375164-12375193	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_37322	EQQIVIQSSGGLSKDEIENMIK	AGAP010876-PA	M20(Oxidation)	77	2.48E-07	1	2462.257	5.08	Midgut	3L:+:12375005-12375014,12375108-12375163	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_37672	AKLETLVGDLIK	AGAP010876-PA	-	83	1.26E-08	1	1299.788	0.06	Midgut	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA

JHU_Ag_37948	TTPSHVAFTK	AGAP010876-PA	-	50	0.000205759	1	1088.573	-0.55	Pupa	3L:+:12373634-12373663	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_38935	STNGDTLLGGEDFDNHILNYLAAEFKK	AGAP010876-PA	N3(Deamidated)	122	9.23E-12	1	2982.464	5.18	Ovary	3L:+:12374177-12374257	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_39400	EGSSGSSSGSSSSTGSEEAEKK	AGAP010876-PA	-	84	1.62E-08	2	2061.868	-0.46	Ovary	3L:+:12375610-12375675	exon=> In CDS Exon 4 of transcript AGAP010876-PA
JHU_Ag_40580	RFDDAEIK	AGAP010876-PA	-	34	0.006035738	1	993.503	3.08	Malpighian tubule	3L:+:12373757-12373780	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_40715	TTPSHVAFTK	AGAP010876-PA	-	48	0.000244501	1	1088.576	2.25	Malpighian tubule	3L:+:12373634-12373663	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_41919	TTSALQQSSLK	AGAP010876-PA	-	56	3.37E-05	1	1163.626	-0.46	Head	3L:+:12375450-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_41969	ETAEAYLNTPVK	AGAP010876-PA	-	65	5.94E-06	2	1335.680	0.46	Visceras	3L:+:12373907-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_42691	ASNGDAWVQGSDGK	AGAP010876-PA	-	75	2.16E-07	2	1391.615	-2.44	Pupa	3L:+:12373817-12373858	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_42891	ASNGDAWVQGSDGK	AGAP010876-PA	-	73	4.02E-07	2	1391.623	3.18	Malpighian tubule	3L:+:12373817-12373858	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_43168	DQGIDIKK	AGAP010876-PA	-	40	0.001636716	1	916.513	3.47	Ovary	3L:+:12374258-12374281	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_44059	EQQIVIQSSGGLSK	AGAP010876-PA	-	57	2.44E-05	2	1473.793	1.66	Visceras	3L:+:12375005-12375014,12375108-12375139	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_44093	DLANLSYK	AGAP010876-PA	-	41	0.000751145	1	923.487	3.61	Ovary	3L:+:12373784-12373807	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_44120	LETLVGDLIK	AGAP010876-PA	-	43	0.000353891	2	1100.657	0.41	Visceras	3L:+:12374432-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_44527	IEAVNQAEGIVHDTETK	AGAP010876-PA	-	117	3.11E-11	1	1853.938	7.49	Midgut	3L:+:12375209-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_44634	EQQIVIQSSGGLSKDEIENMIK	AGAP010876-PA	-	41	0.001052485	1	2446.252	0.97	Pupa	3L:+:12375005-12375014,12375108-12375163	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_45161	AMSDAEVSKSDIGEVLLVGGMTR	AGAP010876-PA	M2(Oxidation),"M2(Oxidation), M21(Oxidation)",M21(Oxidation)	94	7.20E-09	1	2381.182	5.7	Malpighian tubule	3L:+:12374486-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_45240	STNGDTLLGGEDFDNHILNYLAAEFKK	AGAP010876-PA	N3(Deamidated)	128	2.25E-12	1	2983.435	0.88	Malpighian tubule	3L:+:12374177-12374257	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_45439	EQQIVIQSSGGLSKDEIENMIK	AGAP010876-PA	M20(Oxidation)	74	5.66E-07	1	2462.245	0.4	Malpighian tubule	3L:+:12375005-12375014,12375108-12375163	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_49128	LETLVGDLIKR	AGAP010876-PA	-	46	6.61E-05	1	1256.764	5.56	Malpighian tubule	3L:+:12374432-12374464	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_49536	DLANLSYK	AGAP010876-PA	-	46	0.000262315	1	923.483	0.04	Midgut	3L:+:12373784-12373807	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_49739	VQSLVQEVFGR	AGAP010876-PA	-	64	4.19E-06	2	1261.696	4.85	Larva	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_49931	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	115	4.78E-11	1	1663.839	1.78	Salivary gland	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_50527	QAVTNSANTFYATK	AGAP010876-PA	-	90	1.35E-08	1	1515.748	2.97	Malpighian tubule	3L:+:12373700-12373741	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_52505	MLGSFTLVGIPPAPR	AGAP010876-PA	M1(Oxidation)	33	0.005216919	1	1571.860	-0.7	Malpighian tubule	3L:+:12374876-12374920	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_53428	GAVIGIDLGTTNSCVAVMEGK	AGAP010876-PA	C14(Carbamidomethyl), M18(Oxidation)	77	3.00E-07	2	2108.043	2.94	Malpighian tubule	3L:+:12373535-12373597	exon=> In CDS Exon 1 of transcript AGAP010876-PA

JHU_Ag_53631	LREEIAK	AGAP010876-PA	-	41	0.001425236	2	858.500	-4.7	Head	3L:+:12375375-12375395	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_54147	DAGQIAGLNVLR	AGAP010876-PA	-	78	1.06E-07	2	1226.688	1.99	Male reproductive organs	3L:+:12374000-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_54840	AMSDAEVSKSDIGEVLLVGGMTR	AGAP010876-PA	M2(Oxidation), M21(Oxidation)	34	0.005977009	1	2397.181	7.07	Ovary	3L:+:12374486-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_55173	TTSALQQSSLK	AGAP010876-PA	-	51	0.000102351	2	1163.627	-0.15	Visceras	3L:+:12375450-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_55493	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	78	2.56E-07	2	1679.832	0.87	Male reproductive organs	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_56147	QAVTNSANTFYATK	AGAP010876-PA	-	87	2.65E-08	1	1515.749	3.53	Ovary	3L:+:12373700-12373741	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_57262	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	55	2.95E-05	2	1555.821	1.3	Male reproductive organs	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_57333	DAGQIAGLNVLR	AGAP010876-PA	-	72	4.68E-07	1	1226.688	1.99	Head	3L:+:12374000-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_58014	MLGSFTLVGIPPAPR	AGAP010876-PA	M1(Oxidation)	73	2.44E-07	2	1555.872	3.16	Visceras	3L:+:12374876-12374920	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_59820	EILANKEEADPEEVR	AGAP010876-PA	-	110	1.64E-10	1	1741.865	2.81	Visceras	3L:+:12375402-12375446	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_60208	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	109	1.17E-10	1	1539.827	2.13	Pupa	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_61617	VIENAEGAR	AGAP010876-PA	-	38	0.001568246	2	958.499	4.2	Ovary	3L:+:12373607-12373633	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_61778	HLNLKLTR	AGAP010876-PA	-	37	0.000357671	1	994.618	2.63	Malpighian tubule	3L:+:12374402-12374425	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_63444	LETLVGDLIK	AGAP010876-PA	-	38	0.001121682	2	1100.657	0.63	Pupa	3L:+:12374432-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_63937	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	114	7.50E-11	2	1808.902	-0.36	Pupa	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_64494	SDIGEVLLVGGMTR	AGAP010876-PA	-	99	1.67E-09	2	1446.766	2.33	Head	3L:+:12374513-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_65210	AKLETLVGDLIK	AGAP010876-PA	-	68	3.86E-07	1	1299.793	3.35	Head	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_65509	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	-	144	6.83E-14	1	2125.052	0.08	Pupa	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_66249	HLNLK	AGAP010876-PA	-	23	0.008918103	1	624.382	-1.33	Head	3L:+:12374402-12374416	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_66868	VQSLVQEVFGR	AGAP010876-PA	-	94	4.61E-09	1	1261.692	1.85	Pupa	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_67156	EQQIVIQSSGGLSKDEIENMIK	AGAP010876-PA	-	47	0.00027747	1	2446.252	1.19	Ovary	3L:+:12375005-12375014,12375108-12375163	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_67877	SDIGEVLLVGGMTR	AGAP010876-PA	M12(Oxidation)	103	7.77E-10	2	1446.765	1.82	Visceras	3L:+:12374513-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_68105	RTIAPCQK	AGAP010876-PA	C6(Carbamidomethyl)	38	0.002924463	1	973.524	-1.23	Head	3L:+:12374462-12374485	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_68278	EQQIVIQSSGGLSKDEIENMIK	AGAP010876-PA	M20(Oxidation)	63	7.53E-06	1	2462.244	-0.2	Salivary gland	3L:+:12375005-12375014,12375108-12375163	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_69311	MRETAEAYLNTPVK	AGAP010876-PA	M1(Oxidation)	59	1.86E-05	1	1622.820	-0.46	Pupa	3L:+:12373901-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_69438	RFDDAEIK	AGAP010876-PA	-	46	0.000403085	1	993.500	-0.49	Visceras	3L:+:12373757-12373780	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_70109	ETAEAYLNTPVK	AGAP010876-PA	-	47	0.000403935	2	1335.681	1.19	Ovary	3L:+:12373907-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA

JHU_Ag_70798	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	134	6.11E-13	1	1663.841	3.25	Malpighian tubule	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_71131	DAGQIAGLNVLR	AGAP010876-PA	-	77	1.39E-07	1	1226.691	4.77	Malpighian tubule	3L:+:12374000-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_71373	AMSDAEVSK	AGAP010876-PA	M2(Oxidation)	32	0.003858584	2	953.423	-2.06	Head	3L:+:12374486-12374512	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_71432	QAVTNSANTFYATKR	AGAP010876-PA	-	93	6.71E-09	1	1671.851	3.9	Malpighian tubule	3L:+:12373700-12373744	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_72279	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	-	162	1.05E-15	1	2125.055	1.29	Visceras	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_72899	DLANLSYK	AGAP010876-PA	-	54	4.27E-05	1	923.486	3.15	Salivary gland	3L:+:12373784-12373807	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_73117	ETAEAYLNTPVK	AGAP010876-PA	-	58	3.08E-05	2	1335.685	4.21	Malpighian tubule	3L:+:12373907-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_74711	TTSALQQSSLK	AGAP010876-PA	-	52	7.66E-05	2	1163.628	1.11	Male reproductive organs	3L:+:12375450-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_75194	VQSLVQEVFGR	AGAP010876-PA	-	76	2.94E-07	1	1261.690	-0.37	Male reproductive organs	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_77771	VQSLVQEVFGR	AGAP010876-PA	-	91	9.29E-09	1	1261.691	0.59	Ovary	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_77774	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	52	5.73E-05	2	1555.826	4.28	Head	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_77841	ASNGDAWVQGSDGK	AGAP010876-PA	N3(Deamidated)	84	2.92E-08	2	1392.606	2.03	Salivary gland	3L:+:12373817-12373858	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_78783	DAGQIAGLNVLR	AGAP010876-PA	-	71	5.71E-07	1	1226.687	1.49	Salivary gland	3L:+:12374000-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_79570	DQGIDIK	AGAP010876-PA	-	54	9.66E-05	1	788.418	3.58	Malpighian tubule	3L:+:12374258-12374278	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_79738	DLANLSYK	AGAP010876-PA	-	46	0.00029326	1	923.485	1.89	Male reproductive organs	3L:+:12373784-12373807	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_80274	IEAVNQAEGIVHDTETK	AGAP010876-PA	-	95	4.64E-09	1	1853.926	1.26	Visceras	3L:+:12375209-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_80542	STNGDTLLGGEDFDNHILNYLAAEFK	AGAP010876-PA	-	131	1.27E-12	1	2854.358	1.54	Malpighian tubule	3L:+:12374177-12374254	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_80802	DLANLSYK	AGAP010876-PA	-	54	4.19E-05	1	923.485	1.49	Head	3L:+:12373784-12373807	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_81607	FDDAEIKK	AGAP010876-PA	-	41	0.001281517	1	965.493	-1.15	Pupa	3L:+:12373760-12373783	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_82025	ETAEAYLNTPVK	AGAP010876-PA	-	67	4.22E-06	1	1335.683	2.56	Head	3L:+:12373907-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_82276	IEAVNQAEGIVHDTETK	AGAP010876-PA	-	91	1.38E-08	1	1853.924	-0.22	Pupa	3L:+:12375209-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_82335	MRETAEAYLNTPVK	AGAP010876-PA	M1(Oxidation)	41	0.001330822	2	1638.817	0.71	Midgut	3L:+:12373901-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_82565	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	84	4.18E-08	1	1539.828	2.69	Midgut	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_83984	MLGSFTLVGIPPAPR	AGAP010876-PA	M1(Oxidation)	54	4.12E-05	2	1571.862	0.46	Male reproductive organs	3L:+:12374876-12374920	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_84903	SDIGEVLLVGGMTR	AGAP010876-PA	M12(Oxidation)	39	0.001629018	2	1462.763	4.28	Ovary	3L:+:12374513-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_85000	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	-	157	3.56E-15	1	2125.057	2.15	Malpighian tubule	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_85998	DAGQIAGLNVLR	AGAP010876-PA	-	80	8.06E-08	1	1226.685	-0.2	Midgut	3L:+:12374000-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_86557	DLANLSYK	AGAP010876-PA	-	48	0.000148499	1	923.487	4.27	Malpighian tubule	3L:+:12373784-12373807	exon=> In CDS Exon 1 of transcript AGAP010876-PA

JHU_Ag_87105	EGSSGSSSGSSSSTGSEEAEK	AGAP010876-PA	-	54	8.46E-06	2	1933.774	-0.11	Midgut	3L:+:12375610-12375672	exon=> In CDS Exon 4 of transcript AGAP010876-PA
JHU_Ag_89325	DQGIDIKK	AGAP010876-PA	-	54	6.91E-05	1	916.512	1.87	Malpighian tubule	3L:+:12374258-12374281	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_89670	MLGSFTLVGIPPAPR	AGAP010876-PA	M1(Oxidation)	51	8.02E-05	2	1571.860	-0.78	Midgut	3L:+:12374876-12374920	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_89680	TTSALQQSSLK	AGAP010876-PA	-	79	1.74E-07	1	1163.630	3	Malpighian tubule	3L:+:12375450-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_90815	VQSLVQEVFGR	AGAP010876-PA	-	91	9.72E-09	1	1261.688	-1.92	Malpighian tubule	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_90834	STNGDTLLGGEDFDNHILNYLAAEFK	AGAP010876-PA	-	125	4.61E-12	1	2854.356	0.9	Salivary gland	3L:+:12374177-12374254	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_90976	DLANLSYK	AGAP010876-PA	-	53	4.50E-05	1	923.484	0.63	Pupa	3L:+:12373784-12373807	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_93538	STNGDTLLGGEDFDNHILNYLAAEFKK	AGAP010876-PA	-	134	5.78E-13	1	2982.450	0.66	Visceras	3L:+:12374177-12374257	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_93582	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	-	153	8.33E-15	1	2125.052	0.08	Male reproductive organs	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_93838	ASNGDAWVQGSDGK	AGAP010876-PA	-	85	2.34E-08	1	1391.618	-0.77	Visceras	3L:+:12373817-12373858	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_94136	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	79	2.19E-07	2	1808.909	3.42	Salivary gland	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_95634	QAVTNSANTFYATKR	AGAP010876-PA	-	67	2.76E-06	1	1671.847	1.23	Head	3L:+:12373700-12373744	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_96068	TTSALQQSSLK	AGAP010876-PA	-	80	1.51E-07	1	1163.625	-1.51	Pupa	3L:+:12375450-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_96272	AKLETLVGDLIK	AGAP010876-PA	-	97	5.47E-10	1	1299.791	2.12	Malpighian tubule	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_96822	SDIGEVLLVGGMTR	AGAP010876-PA	M12(Oxidation)	89	1.89E-08	2	1446.762	-0.03	Pupa	3L:+:12374513-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_96913	QATKDAGQIAGLNVLR	AGAP010876-PA	-	86	1.08E-08	2	1654.931	4.38	Malpighian tubule	3L:+:12373988-12374035	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_98179	KTTSALQQSSLK	AGAP010876-PA	-	54	2.81E-05	1	1291.720	-1.36	Pupa	3L:+:12375447-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_99736	EGSSGSSSGSSSSTGSEEAEKK	AGAP010876-PA	-	142	3.11E-14	1	2061.869	0.01	Midgut	3L:+:12375610-12375675	exon=> In CDS Exon 4 of transcript AGAP010876-PA
JHU_Ag_101942	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	117	3.06E-11	1	1679.833	1.38	Visceras	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_104079	AKLETLVGDLIK	AGAP010876-PA	-	76	7.38E-08	1	1299.787	-0.69	Pupa	3L:+:12374426-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_104302	ASNGDAWVQGSDGKVYSPSQIGAFVLMK	AGAP010876-PA	M27(Oxidation),Q9(Deamidated),N3(Deamidated)	153	6.09E-15	1	2912.445	6.78	Malpighian tubule	3L:+:12373817-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_104658	STNGDTLLGGEDFDNHILNYLAAEFKK	AGAP010876-PA	-	112	9.29E-11	1	2982.450	0.59	Salivary gland	3L:+:12374177-12374257	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_104726	SQVFSTAADGQTQVEIK	AGAP010876-PA	-	113	8.06E-11	1	1808.905	1.53	Ovary	3L:+:12374786-12374836	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_104778	MLGSFTLVGIPPAPR	AGAP010876-PA	-	66	1.30E-06	2	1555.869	1.36	Pupa	3L:+:12374876-12374920	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_105653	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	88	1.47E-08	1	1555.826	4.44	Larva	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_105878	EQQIVIQSSGGLSK	AGAP010876-PA	-	65	3.36E-06	2	1473.792	0.75	Head	3L:+:12375005-12375014,12375108-12375139	exon=> In CDS Exon 1 and 2 of transcript AGAP010876-PA
JHU_Ag_105903	VINEPTAAALAYGMDK	AGAP010876-PA	M14(Oxidation)	128	2.72E-12	1	1663.839	1.56	Head	3L:+:12374036-12374083	exon=> In CDS Exon 1 of transcript AGAP010876-PA

JHU_Ag_106002	RFDDAEIK	AGAP010876-PA	-	42	0.001137243	2	993.497	-2.94	Head	3L:+:12373757-12373780	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_108584	VQSLVQEVFGRQPSR	AGAP010876-PA	-	85	2.24E-08	1	1729.942	4.35	Malpighian tubule	3L:+:12374564-12374608	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_108737	SDIGEVLLVGGMTR	AGAP010876-PA	M12(Oxidation)	85	4.46E-08	2	1462.761	2.53	Salivary gland	3L:+:12374513-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_110033	VYSPSQIGAFVLMK	AGAP010876-PA	M13(Oxidation)	104	3.79E-10	1	1539.824	-0.16	Salivary gland	3L:+:12373859-12373900	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_110055	ETAEAYLNTPVK	AGAP010876-PA	-	66	4.29E-06	1	1335.678	-0.82	Pupa	3L:+:12373907-12373942	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_110640	VIENAEGAR	AGAP010876-PA	-	38	0.001854462	2	958.494	-1.6	Head	3L:+:12373607-12373633	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_110732	QAVTNSANTFYATK	AGAP010876-PA	-	75	4.70E-07	2	1515.749	3.21	Salivary gland	3L:+:12373700-12373741	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_112360	VIENAEGAR	AGAP010876-PA	-	63	5.24E-06	2	958.499	3.5	Malpighian tubule	3L:+:12373607-12373633	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_112860	VQSLVQEVFGR	AGAP010876-PA	-	85	3.77E-08	1	1261.694	2.82	Salivary gland	3L:+:12374564-12374596	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_113390	EILANKEEADPEEVR	AGAP010876-PA	-	51	0.000122891	1	1741.862	0.91	Malpighian tubule	3L:+:12375402-12375446	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_114417	TTPSHVAFTKDGER	AGAP010876-PA	-	88	2.45E-08	1	1545.771	3.56	Malpighian tubule	3L:+:12373634-12373675	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_114458	IEAVNQAEGIVHDTETK	AGAP010876-PA	-	140	1.61E-13	1	1853.924	0.11	Malpighian tubule	3L:+:12375209-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_114514	TTSALQQSSLK	AGAP010876-PA	-	45	0.000418637	2	1163.625	-1.09	Midgut	3L:+:12375450-12375482	exon=> In CDS Exon 3 of transcript AGAP010876-PA
JHU_Ag_114655	DRIEAVNQAEGIVHDTETK	AGAP010876-PA	N7(Deamidated),Q8(Deamidated)	181	1.47E-17	1	2125.049	-1.64	Head	3L:+:12375203-12375259	exon=> In CDS Exon 2 of transcript AGAP010876-PA
JHU_Ag_115352	LETLVGDLIK	AGAP010876-PA	-	50	7.03E-05	2	1100.658	1.63	Malpighian tubule	3L:+:12374432-12374461	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_115639	SDIGEVLLVGGMTR	AGAP010876-PA	-	76	3.26E-07	2	1446.770	5.54	Midgut	3L:+:12374513-12374554	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_117589	ASNGDAWVQGSDGK	AGAP010876-PA	-	38	0.001150963	1	1391.619	-0.07	Ovary	3L:+:12373817-12373858	exon=> In CDS Exon 1 of transcript AGAP010876-PA
JHU_Ag_31057	NAVITVPAYFNDSQR	AGAP010876-PA,AGAP012891-PA,AGAP004583-PA	-	49	0.000185075	1	1694.852	1.33	Visceras	3L:+:12373943-12373987;UNKN:-:36954387-36954343;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_96942	NAVITVPAYFNDSQR	AGAP010876-PA,AGAP012891-PA,AGAP004583-PA	-	61	1.18E-05	1	1694.855	3.13	Malpighian tubule	3L:+:12373943-12373987;UNKN:-:36954387-36954343;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_114656	NAVITVPAYFNDSQR	AGAP010876-PA,AGAP012891-PA,AGAP004583-PA	-	67	2.77E-06	2	1694.852	1.4	Ovary	3L:+:12373943-12373987;UNKN:-:36954387-36954343;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_62	SAPAIQNMPVTSAICTPASGETVQVEK	AGAP010877-PA	M8(Oxidation), C15(Carbamidomethyl)	49	0.000175987	3	2802.364	-0.48	Midgut	3L:-:12379245-12379165	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_270	EVLTLLESYR	AGAP010877-PA	-	63	3.91E-06	2	1222.665	-2.34	Midgut	3L:-:12380110-12380081	exon=> In CDS Exon 2 of transcript AGAP010877-PA

JHU_Ag_2206	SFSPSTDWDTVDFK	AGAP010877-PA	-	51	7.45E-05	2	1631.726	2.17	Ovary	3L:-:12379287-12379246	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_5132	EVLTLLESYR	AGAP010877-PA	-	54	2.86E-05	2	1222.668	0.16	Ovary	3L:-:12380110-12380081	exon=> In CDS Exon 2 of transcript AGAP010877-PA
JHU_Ag_9257	EVLTLLESYR	AGAP010877-PA	-	56	1.70E-05	1	1222.669	1.26	Malpighian tubule	3L:-:12380110-12380081	exon=> In CDS Exon 2 of transcript AGAP010877-PA
JHU_Ag_14030	AVDSNYNTQPESFANIWNLR	AGAP010877-PA	-	92	8.79E-09	2	2339.102	-1.21	Midgut	3L:-:12378942-12378883	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_20290	GYAWSGGGSEIVR	AGAP010877-PA	-	40	0.001672171	2	1338.646	1.89	Pupa	3L:-:12379143-12379105	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_20912	EGDEEGHVQFEGLDTDPTSTPYGASIPLAK	AGAP010877-PA	-	108	1.74E-10	1	3160.467	2.28	Head	3L:-:12379566-12379477	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_25562	EVLTLLESYR	AGAP010877-PA	-	40	0.000719984	2	1222.673	4.55	Head	3L:-:12380110-12380081	exon=> In CDS Exon 2 of transcript AGAP010877-PA
JHU_Ag_29371	GLPWGASAVGNAQWTGAR	AGAP010877-PA	-	84	5.39E-08	1	1798.901	1.18	Ovary	3L:-:12379653-12379600	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_31568	GDVILAYEMNGQPLNR	AGAP010877-PA	M9(Oxidation)	77	2.71E-07	1	1805.887	0.96	Malpighian tubule	3L:-:12379461-12379414	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_31666	NHLPVPEVDIK	AGAP010877-PA	-	56	3.03E-05	2	1260.694	-0.46	Midgut	3L:-:12379839-12379807	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_40548	LDESEKGTGPGR	AGAP010877-PA	-	65	4.19E-06	2	1245.606	-0.93	Midgut	3L:-:12379059-12379024	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_42558	VMLAAGGAIDPFWHIFQQHNTK	AGAP010877-PA	M2(Oxidation)	71	1.18E-06	1	2481.248	-0.61	Midgut	3L:-:12380176-12380111	exon=> In CDS Exon 2 of transcript AGAP010877-PA
JHU_Ag_45870	RHPILKPATQKPFNAEPPASVLVDSFLTPNEFFYVR	AGAP010877-PA	-	49	2.46E-05	1	4126.194	0.68	Midgut	3L:-:12380008-12380379,12378835-12379840	exon=> In CDS Exon 3 and 2 of transcript AGAP010877-PA
JHU_Ag_49535	GDVILAYEMNGQPLNR	AGAP010877-PA	M9(Oxidation), N10(Deamidated),"M9(Oxidation), Q12(Deamidated)",M9(Oxidation)	108	2.40E-10	1	1806.873	2.24	Midgut	3L:-:12379461-12379414	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_51458	EGDEEGHVQFEGLDTDPTSTPYGASIPLAK	AGAP010877-PA	-	81	1.09E-07	1	3160.468	2.86	Midgut	3L:-:12379566-12379477	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_51521	GLPWGASAVGNAQWTGAR	AGAP010877-PA	-	66	3.64E-06	2	1798.900	0.64	Pupa	3L:-:12379653-12379600	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_51838	VIVPGVVGSR	AGAP010877-PA	-	38	0.000363972	1	982.604	-0.08	Midgut	3L:-:12379392-12379363	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_52504	AESSSHWQQNDYK	AGAP010877-PA	-	69	7.17E-07	1	1579.679	1.37	Malpighian tubule	3L:-:12379326-12379288	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_55858	AVDSNYNTQPESFANIWNLR	AGAP010877-PA	-	79	2.03E-07	2	2339.113	3.27	Head	3L:-:12378942-12378883	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_61492	GVVGNAYSR	AGAP010877-PA	-	41	0.001343993	2	922.475	0.63	Malpighian tubule	3L:-:12378882-12378856	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_61544	GYAWSGGGSEIVR	AGAP010877-PA	-	57	2.87E-05	2	1338.646	1.62	Head	3L:-:12379143-12379105	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_62322	GLPWGASAVGNAQWTGAR	AGAP010877-PA	-	133	7.11E-13	1	1798.898	-0.38	Midgut	3L:-:12379653-12379600	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_62657	AVDSNYNTQPESFANIWNLR	AGAP010877-PA	-	78	2.28E-07	1	2339.112	2.75	Malpighian tubule	3L:-:12378942-12378883	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_67492	GYAWSGGGSEIVR	AGAP010877-PA	-	64	6.34E-06	2	1338.645	0.62	Malpighian tubule	3L:-:12379143-12379105	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_94975	GYAWSGGGSEIVR	AGAP010877-PA	-	78	2.51E-07	2	1338.646	1.99	Ovary	3L:-:12379143-12379105	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_96138	AESSSHWQQNDYK	AGAP010877-PA	-	75	1.74E-07	1	1579.675	-1.18	Midgut	3L:-:12379326-12379288	exon=> In CDS Exon 3 of transcript AGAP010877-PA

JHU_Ag_103443	GLPWGASAVGNAQWTGAR	AGAP010877-PA	-	64	5.17E-06	2	1798.911	6.88	Malpighian tubule	3L:-:12379653-12379600	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_103735	SFSPSTDWDTVDFK	AGAP010877-PA	-	98	1.20E-09	1	1631.723	0.45	Midgut	3L:-:12379287-12379246	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_106904	GYAWSGGGSEIVR	AGAP010877-PA	-	85	4.68E-08	2	1338.644	0.25	Midgut	3L:-:12379143-12379105	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_107169	DLPEYTMDEIVK	AGAP010877-PA	M7(Oxidation)	63	6.92E-06	2	1468.686	-0.99	Midgut	3L:-:12380305-12380270	exon=> In CDS Exon 2 of transcript AGAP010877-PA
JHU_Ag_108913	SFSPSTDWDTVDFK	AGAP010877-PA	-	64	3.58E-06	2	1631.731	5.53	Malpighian tubule	3L:-:12379287-12379246	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_110195	DLHDPWSAEPK	AGAP010877-PA	-	39	0.002024565	2	1294.612	4.67	Midgut	3L:-:12380041-12380009	exon=> In CDS Exon 2 of transcript AGAP010877-PA
JHU_Ag_113122	IGNLRADDVVSTK	AGAP010877-PA	-	59	1.68E-05	2	1387.757	1.96	Malpighian tubule	3L:-:12380080-12380042	exon=> In CDS Exon 2 of transcript AGAP010877-PA
JHU_Ag_113809	DHGFPVR	AGAP010877-PA	-	31	0.00469418	1	827.416	0.2	Malpighian tubule	3L:-:12379413-12379393	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_114244	AVDSNYNTQPESFANIWNLR	AGAP010877-PA	-	61	1.14E-05	2	2339.105	-0.07	Ovary	3L:-:12378942-12378883	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_117380	SYELEMENEK	AGAP010877-PA	M6(Oxidation)	69	8.01E-07	1	1271.545	-0.47	Midgut	3L:-:12379806-12379777	exon=> In CDS Exon 3 of transcript AGAP010877-PA
JHU_Ag_97230	FPDLLK	AGAP010877-PA,AGAP007892-PB,AGAP007892-PA	-	35	0.00370126	2	732.429	0.13	Midgut	3L:-:12379752-12379735;3R:-:2548269-2548252;3R:-:2548269-2548252	exon=> In CDS Exon 3 of transcript AGAP010877-PA;exon=> In CDS Exon 3 of transcript AGAP007892-PB;exon=> In CDS Exon 3 of transcript AGAP007892-PA
JHU_Ag_42879	EHSLEINNLK	AGAP010884-PA	-	40	0.001199716	2	1196.622	-4.1	Head	3L:+:12464166-12464195	exon=> In CDS Exon 10 of transcript AGAP010884-PA
JHU_Ag_66990	QILPNGNLVFPPFR	AGAP010884-PA	-	31	0.004383361	2	1611.898	-1.34	Head	3L:+:12419639-12419680	exon=> In CDS Exon 1 of transcript AGAP010884-PA
JHU_Ag_69162	RYIIEFK	AGAP010884-PA	-	30	0.005102785	1	968.555	-1.67	Head	3L:+:12463770-12463790	exon=> In CDS Exon 10 of transcript AGAP010884-PA
JHU_Ag_71462	VIVPGDTNEAQVQK	AGAP010884-PA	-	54	4.25E-05	1	1497.791	-0.16	Head	3L:+:12463827-12463868	exon=> In CDS Exon 10 of transcript AGAP010884-PA
JHU_Ag_110506	IVAENEIGVSDPSDVVTIITAEEAPSGKPQAIK	AGAP010884-PA	-	93	2.09E-09	1	3377.778	2.63	Head	3L:+:12463899-12463997	exon=> In CDS Exon 10 of transcript AGAP010884-PA
JHU_Ag_848	SGAGDELSLHLNR	AGAP010885-PA	-	71	1.20E-06	2	1368.688	0.81	Malpighian tubule	3L:-:12480638-12480600	exon=> In CDS Exon 1 of transcript AGAP010885-PA
JHU_Ag_42895	AIVLTVDAPLFGLR	AGAP010885-PA	-	65	7.70E-07	2	1484.883	-0.59	Midgut	3L:-:12480263-12480222	exon=> In CDS Exon 1 of transcript AGAP010885-PA
JHU_Ag_47505	DLSCTVFGQR	AGAP010885-PA	C4(Carbamidomethyl)	62	7.34E-06	2	1182.560	2.74	Malpighian tubule	3L:-:12480542-12480513	exon=> In CDS Exon 1 of transcript AGAP010885-PA
JHU_Ag_52963	QLDSVPASIEALPEIVAAVGR	AGAP010885-PA	-	95	1.66E-09	1	2135.166	-2.32	Midgut	3L:-:12478983-12479215,12478591-12478849	exon=> In CDS Exon 3 and 2 of transcript AGAP010885-PA
JHU_Ag_87627	SGAGDELSLHLNR	AGAP010885-PA	-	69	1.79E-06	1	1368.687	0.37	Midgut	3L:-:12480638-12480600	exon=> In CDS Exon 1 of transcript AGAP010885-PA
JHU_Ag_23651	SEQVVSGGYSYTAPDGQLYSVQYK	AGAP010887-PA	-	110	1.53E-10	2	2626.237	2.49	Head	3L:+:12575559-12575630	exon=> In CDS Exon 3 of transcript AGAP010887-PA
JHU_Ag_35570	YENVNNGDGSYR	AGAP010887-PA	-	41	0.000304663	2	1387.588	0.17	Head	3L:+:12574272-12574307	exon=> In CDS Exon 2 of transcript AGAP010887-PA
JHU_Ag_44387	RQQGFNPNSGYTY	AGAP010887-PA	-	76	2.23E-07	2	1531.697	2.85	Head	3L:+:12576092-12576130	exon=> In CDS Exon 4 of transcript AGAP010887-PA
JHU_Ag_54923	FDYATGNGIQHQEEGFLR	AGAP010887-PA	N7(Deamidated)	145	5.09E-14	1	2081.970	0.92	Malpighian tubule	3L:+:12574308-12574312,12575492-12575540	exon=> In CDS Exon 2 and 3 of transcript AGAP010887-PA

JHU_Ag_70927	FDYATGNGIQHQEEGFLR	AGAP010887-PA	N7(Deamidated)	114	5.10E-11	1	2081.964	-1.55	Head	3L:+:12574308-12574312,12575492-12575540	exon=> In CDS Exon 2 and 3 of transcript AGAP010887-PA
JHU_Ag_98683	LDNLYGAPAPSASFQGGAGDGNLLNAPR	AGAP010887-PA	-	68	2.36E-06	2	2743.347	1.33	Head	3L:+:12573957-12574040	exon=> In CDS Exon 2 of transcript AGAP010887-PA
JHU_Ag_107328	FDYATGNGIQHQEEGFLR	AGAP010887-PA	Q12(Deamidated),N7(Deamidated)	71	8.84E-07	1	2082.949	-1.17	Midgut	3L:+:12574308-12574312,12575492-12575540	exon=> In CDS Exon 2 and 3 of transcript AGAP010887-PA
JHU_Ag_13573	FDEFTR	AGAP010892-PA	-	36	0.001211271	2	814.373	-0.52	Salivary gland	3L:+:12678040-12678057	exon=> In CDS Exon 3 of transcript AGAP010892-PA
JHU_Ag_63363	ATGVAISMVAAR	AGAP010892-PA	M8(Oxidation)	41	0.000857942	2	1162.628	2.4	Salivary gland	3L:+:12678501-12678536	exon=> In CDS Exon 4 of transcript AGAP010892-PA
JHU_Ag_87823	IDEALAIFR	AGAP010892-PA	-	69	1.51E-06	2	1047.583	-0.43	Salivary gland	3L:+:12677743-12677769	exon=> In CDS Exon 3 of transcript AGAP010892-PA
JHU_Ag_90482	ELLIDECLREELEAVTKPIK	AGAP010892-PA	C7(Carbamidomethyl)	59	7.04E-06	1	2398.288	-0.6	Salivary gland	3L:+:12677821-12677880	exon=> In CDS Exon 3 of transcript AGAP010892-PA
JHU_Ag_3783	VPDKPNYPLNLWSIIK	AGAP010893-PA	-	34	0.001203095	1	1897.069	5.63	Male reproductive organs	3L:+:12702386-12702433	exon=> In CDS Exon 8 of transcript AGAP010893-PA
JHU_Ag_7915	YIQIVPLGYAHVEFPATGNR	AGAP010893-PA	-	57	1.66E-05	1	2245.187	4.82	Head	3L:+:12704144-12704203	exon=> In CDS Exon 10 of transcript AGAP010893-PA
JHU_Ag_33101	QHSHLEQAATR	AGAP010893-PA	-	45	0.000495494	1	1277.637	2.1	Malpighian tubule	3L:+:12694681-12694713	exon=> In CDS Exon 4 of transcript AGAP010893-PA
JHU_Ag_50859	IEIAPVTSTSGSTENPVYK	AGAP010893-PA	-	133	7.61E-13	1	1993.016	1.59	Head	3L:+:12704441-12704497	exon=> In CDS Exon 10 of transcript AGAP010893-PA
JHU_Ag_63418	VPDKPNYPLNLWSIIK	AGAP010893-PA	-	94	1.35E-09	1	1897.054	-2.19	Midgut	3L:+:12702386-12702433	exon=> In CDS Exon 8 of transcript AGAP010893-PA
JHU_Ag_74418	IEIAPVTSTSGSTENPVYK	AGAP010893-PA	-	58	2.22E-05	1	1993.017	2.02	Salivary gland	3L:+:12704441-12704497	exon=> In CDS Exon 10 of transcript AGAP010893-PA
JHU_Ag_76515	EAEAETAAAEGRPYPPYEPIWFGK	AGAP010893-PA	-	68	2.77E-06	3	2679.282	3.53	Midgut	3L:+:12704824-12704895	exon=> In CDS Exon 11 of transcript AGAP010893-PA
JHU_Ag_95846	LHLEEMVEQLAR	AGAP010893-PA	M6(Oxidation)	60	1.32E-05	2	1483.763	3.43	Head	3L:+:12694645-12694680	exon=> In CDS Exon 4 of transcript AGAP010893-PA
JHU_Ag_99472	VPDKPNYPLNLWSIIK	AGAP010893-PA	-	59	4.73E-06	1	1897.063	2.73	Head	3L:+:12702386-12702433	exon=> In CDS Exon 8 of transcript AGAP010893-PA
JHU_Ag_101145	ALSELETGDDLANK	AGAP010893-PA	-	81	1.25E-07	2	1475.722	-0.17	Head	3L:+:12691963-12692004	exon=> In CDS Exon 3 of transcript AGAP010893-PA
JHU_Ag_110371	IEIAPVTSTSGSTENPVYK	AGAP010893-PA	-	133	7.25E-13	1	1993.014	0.67	Midgut	3L:+:12704441-12704497	exon=> In CDS Exon 10 of transcript AGAP010893-PA
JHU_Ag_111810	HGAALQR	AGAP010893-PA	-	46	0.000122872	2	752.417	0.51	Head	3L:+:12691942-12691962	exon=> In CDS Exon 3 of transcript AGAP010893-PA
JHU_Ag_2497	MLDLFTIFTK	AGAP010894-PA	-	42	0.00062282	2	1228.661	-2.84	Midgut	3L:-:12709861-12709832	exon=> In CDS Exon 1 of transcript AGAP010894-PA
JHU_Ag_32976	FNQALADYSSSERPHIIDGIVLTK	AGAP010894-PA	-	92	4.76E-09	1	2674.399	5.92	Malpighian tubule	3L:-:12708035-12707964	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_34029	VIGTFDTIATTVR	AGAP010894-PA	-	105	1.84E-10	1	1393.773	3.05	Salivary gland	3L:-:12708611-12708573	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_34425	AASELLADSDGMEAPR	AGAP010894-PA	M12(Oxidation)	54	5.09E-05	2	1648.754	3.67	Malpighian tubule	3L:-:12709250-12709203	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_35648	VIGTFDTIATTVR	AGAP010894-PA	-	60	7.20E-06	2	1393.768	-0.28	Head	3L:-:12708611-12708573	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_39350	STNQLFAPSVNALIK	AGAP010894-PA	-	62	3.97E-06	1	1602.887	1.45	Midgut	3L:-:12709804-12709760	exon=> In CDS Exon 1 of transcript AGAP010894-PA
JHU_Ag_45630	KGEEKPPAGAGSGSK	AGAP010894-PA	-	41	0.000889548	2	1399.716	-0.94	Salivary gland	3L:-:12709325-12709281	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_53039	MLDLFTIFTK	AGAP010894-PA	M1(Oxidation)	42	0.001093313	2	1244.666	5.01	Larva	3L:-:12709861-12709832	exon=> In CDS Exon 1 of transcript AGAP010894-PA

JHU_Ag_59034	VIGTFDTIATTVR	AGAP010894-PA	-	77	1.10E-07	2	1393.778	6.64	Malpighian tubule	3L:-:12708611-12708573	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_73188	IDVVLIDTAGR	AGAP010894-PA	-	70	9.05E-07	2	1171.673	3.82	Salivary gland	3L:-:12708191-12708159	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_73231	GGIVLWCFR	AGAP010894-PA	C7(Carbamidomethyl)	48	0.000204316	2	1107.579	1.96	Salivary gland	3L:-:12709831-12709805	exon=> In CDS Exon 1 of transcript AGAP010894-PA
JHU_Ag_92213	ILQLSYIDK	AGAP010894-PA	-	56	1.46E-05	2	1092.632	1.53	Salivary gland	3L:-:12709574-12709548	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_95726	RVDILR	AGAP010894-PA	-	33	0.00417634	2	771.482	-2.17	Head	3L:-:12708527-12708510	exon=> In CDS Exon 2 of transcript AGAP010894-PA
JHU_Ag_109245	STNQLFAPSVNALIK	AGAP010894-PA	-	37	0.001004546	2	1602.894	5.56	Malpighian tubule	3L:-:12709804-12709760	exon=> In CDS Exon 1 of transcript AGAP010894-PA
JHU_Ag_112172	MLDLFTIFTK	AGAP010894-PA	M1(Oxidation)	68	1.59E-06	1	1228.662	-2.25	Salivary gland	3L:-:12709861-12709832	exon=> In CDS Exon 1 of transcript AGAP010894-PA
JHU_Ag_149	ETWLSENQR	AGAP010895-PA	-	46	0.000285345	2	1162.549	-0.23	Male reproductive organs	3L:+:12734365-12734391	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_238	DDTPVNLEQAENQLK	AGAP010895-PA	-	76	4.21E-07	2	1713.834	2.97	Midgut	3L:+:12736657-12736701	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_246	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	-	128	1.96E-12	1	2059.064	-1.54	Head	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_390	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	115	5.20E-11	1	2424.150	4.56	Malpighian tubule	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_479	NFTTSWR	AGAP010895-PA	-	36	0.001970111	2	911.438	0.91	Head	3L:+:12733651-12733671	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_1098	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	-	95	3.69E-09	1	2059.072	2.61	Ovary	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_1151	ETVSWIEDK	AGAP010895-PA	-	51	0.000126103	2	1106.542	4.58	Salivary gland	3L:+:12735961-12735987	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_1510	AAAEAEAEAIR	AGAP010895-PA	-	59	1.23E-05	2	1101.550	-2.8	Pupa	3L:+:12739583-12739615	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_1559	LLDAEDIFVDHPDEK	AGAP010895-PA	-	76	3.96E-07	2	1755.853	5.22	Visceras	3L:+:12733810-12733854	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_1663	QVEELDKQTEVLTK	AGAP010895-PA	-	102	9.10E-10	1	1659.882	1.04	Head	3L:+:12737377-12737418	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_1699	SWDKVYCVAR	AGAP010895-PA	C7(Carbamidomethyl)	34	0.006218367	2	1283.621	0.28	Head	3L:+:12743308-12743319,12743402-12743419	exon=> In CDS Exon 6 and 7 of transcript AGAP010895-PA
JHU_Ag_2102	DVEDEKLWIDEK	AGAP010895-PA	-	58	2.43E-05	2	1518.733	0.67	Male reproductive organs	3L:+:12737557-12737592	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_2420	LLEVLSGER	AGAP010895-PA	-	61	1.21E-05	2	1015.578	0.12	Visceras	3L:+:12733273-12733299	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_2565	TAPSDVLEPIVEKK	AGAP010895-PA	-	73	3.37E-07	2	1525.853	3.88	Malpighian tubule	3L:+:12737419-12737460	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_2795	LHEFLQDIEELTEWVQEK	AGAP010895-PA	-	90	1.39E-08	1	2286.137	3.73	Ovary	3L:+:12736903-12736956	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_2862	GAQIEIASDYTK	AGAP010895-PA	-	73	6.82E-07	2	1295.648	0.23	Ovary	3L:+:12743510-12743545	exon=> In CDS Exon 7 of transcript AGAP010895-PA
JHU_Ag_3039	AAQELMVEKPEFK	AGAP010895-PA	M6(Oxidation)	104	6.73E-10	1	1535.781	2.55	Head	3L:+:12737080-12737118	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_3157	ALQFLR	AGAP010895-PA	-	41	0.000516818	2	747.450	-1.31	Visceras	3L:+:12733357-12733374	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_3433	DLDHFQAWLTK	AGAP010895-PA	-	93	7.29E-09	1	1373.687	1.76	Head	3L:+:12736273-12736305	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_3591	LPRPTK	AGAP010895-PA	-	23	0.007200589	2	711.447	-6.27	Head	3L:+:12733300-12733317	exon=> In CDS Exon 2 of transcript AGAP010895-PA

JHU_Ag_3620	HQAFEAEIAANKER	AGAP010895-PA	-	95	5.10E-09	1	1613.809	3.64	Malpighian tubule	3L:+:12737020-12737061	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_3663	HLMGVEDLLQK	AGAP010895-PA	M3(Oxidation)	87	2.43E-08	1	1298.676	-1.28	Head	3L:+:12734737-12734769	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_3749	KHEAIETDIFAYEER	AGAP010895-PA	-	54	6.18E-05	1	1850.894	1.26	Male reproductive organs	3L:+:12734449-12734493	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_4307	LTALENEADAIEGDHPEEAALIR	AGAP010895-PA	-	104	6.81E-10	2	2477.224	3.37	Visceras	3L:+:12736099-12736167	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_4437	DDTPVNLEQAENQLKR	AGAP010895-PA	-	42	0.001114 37	1	1869.928	-1.35	Male reproductive organs	3L:+:12736657-12736704	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_4628	AAQELMVEKPEFK	AGAP010895-PA	M6(Oxidation)	91	1.51E-08	1	1535.780	1.68	Salivary gland	3L:+:12737080-12737118	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_4909	LTTFELK	AGAP010895-PA	-	30	0.003548 389	2	851.488	0.67	Head	3L:+:12739408-12739416,12739496-12739507	exon=> In CDS Exon 4 and 5 of transcript AGAP010895-PA
JHU_Ag_5032	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	-	120	1.68E-11	1	1938.986	2.67	Visceras	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_5066	LLDAEDIFVDHPDEK	AGAP010895-PA	-	105	4.57E-10	1	1755.846	1.4	Ovary	3L:+:12733810-12733854	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_5145	DGLAFNAIIHK	AGAP010895-PA	-	39	0.001008 387	1	1198.658	0.05	Pupa	3L:+:12733672-12733704	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_5446	KHEAIETDIFAYEER	AGAP010895-PA	-	102	1.03E-09	1	1850.905	7	Ovary	3L:+:12734449-12734493	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_5633	HFVNSLVGVQQQLAQFSNYR	AGAP010895-PA	Q15(Deamidated),N18(Deamidated)	135	3.83E-13	1	2335.196	0.75	Head	3L:+:12734047-12734106	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_6078	LAAIDNR	AGAP010895-PA	-	43	0.000734 475	2	772.431	0.05	Midgut	3L:+:12735535-12735555	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_6232	VVGIAMDNDR	AGAP010895-PA	M6(Oxidation)	77	3.12E-07	1	1105.530	-0.35	Head	3L:+:12733939-12733968	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_6595	RAESIAHR	AGAP010895-PA	-	51	7.82E-05	2	939.507	-5.37	Head	3L:+:12736819-12736842	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_6632	TLMLWMEDVVR	AGAP010895-PA	M3(Oxidation), M6(Oxidation)	57	2.88E-05	2	1424.698	4.38	Salivary gland	3L:+:12738841-12738873	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_6757	ARLDEALQLFMLSR	AGAP010895-PA	M11(Oxidation)	74	4.26E-07	1	1678.898	1.84	Midgut	3L:+:12738151-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_7015	TLMLWMEDVVR	AGAP010895-PA	M3(Oxidation), M6(Oxidation)	47	0.000307 765	2	1424.699	5.23	Malpighian tubule	3L:+:12738841-12738873	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_7019	KHEAIETDIFAYEER	AGAP010895-PA	-	111	1.34E-10	1	1850.891	-0.32	Head	3L:+:12734449-12734493	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_7032	KHQNFIQDLMTLHSQVQQIQEESAK	AGAP010895-PA	M10(Oxidation)	87	2.42E-08	1	2980.496	0.37	Head	3L:+:12738610-12738684	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_7086	MINEYESLTSELLK	AGAP010895-PA	-	79	1.77E-07	2	1669.837	1.02	Visceras	3L:+:12733969-12734010	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_7345	VAVVNQLAR	AGAP010895-PA	-	34	0.001576 148	2	969.584	-0.14	Midgut	3L:+:12735778-12735804	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_7407	SWDKVYCVAR	AGAP010895-PA	C7(Carbamidomethyl)	54	5.05E-05	1	1283.626	4.18	Malpighian tubule	3L:+:12743308-12743319,12743402-12743419	exon=> In CDS Exon 6 and 7 of transcript AGAP010895-PA
JHU_Ag_7767	SAHGVQTFYIECR	AGAP010895-PA	C12(Carbamidomethyl)	57	3.42E-05	2	1567.739	4.28	Salivary gland	3L:+:12735922-12735960	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_8624	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	102	9.12E-10	1	2424.145	2.6	Salivary gland	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_8669	EEIDNYTEDYKK	AGAP010895-PA	-	88	1.40E-08	1	1546.691	-0.05	Head	3L:+:12736390-12736425	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_8723	DLDHFQAWLTK	AGAP010895-PA	-	50	0.000152 149	1	1373.684	-0.56	Ovary	3L:+:12736273-12736305	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_9115	MINEYESLTSELLK	AGAP010895-PA	M1(Oxidation)	64	5.44E-06	2	1685.834	2.43	Malpighian tubule	3L:+:12733969-12734010	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_9562	LISESDGVEQWIGEK	AGAP010895-PA	-	94	6.57E-09	1	1689.835	1.06	Malpighian tubule	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_9808	EVVAGSHELGQDYDHITLLWER	AGAP010895-PA	-	140	1.59E-13	1	2567.275	8.54	Ovary	3L:+:12738229-12738294	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_10350	FNEFAQDTATVGSER	AGAP010895-PA	-	146	3.51E-14	2	1671.762	0.54	Head	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_10357	EVDDLEQWITDR	AGAP010895-PA	-	84	5.71E-08	2	1518.712	3.33	Head	3L:+:12738193-12738228	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_10720	EVDDLEQWITDR	AGAP010895-PA	-	71	1.20E-06	2	1518.709	1.08	Ovary	3L:+:12738193-12738228	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_11126	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	107	2.84E-10	1	2424.145	2.6	Larva	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_11658	LTALENEADAIEGDHPEEAALIR	AGAP010895-PA	-	107	3.74E-10	1	2477.209	-2.6	Midgut	3L:+:12736099-12736167	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_12362	YRELMELAK	AGAP010895-PA	M5(Oxidation)	36	0.003114739	1	1168.597	-5.15	Head	3L:+:12735556-12735582	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_12915	SAAAQEERFSALER	AGAP010895-PA	-	51	0.000141266	1	1564.776	2.99	Malpighian tubule	3L:+:12739366-12739407	exon=> In CDS Exon 4 of transcript AGAP010895-PA
JHU_Ag_13416	QAEVLLSQQEHVLSKDDTPVNLEQAENQLK	AGAP010895-PA	-	34	0.002988883	1	3403.749	4.35	Malpighian tubule	3L:+:12736612-12736701	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_13593	EKEQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	138	1.06E-13	1	2652.409	0.09	Midgut	3L:+:12735031-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_13696	ETVSWIEDK	AGAP010895-PA	-	36	0.004825577	1	1106.538	1.45	Head	3L:+:12735961-12735987	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_13701	LEQLAAR	AGAP010895-PA	-	43	0.000854724	2	800.462	-0.09	Male reproductive organs	3L:+:12734320-12734340	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_13812	QVLLSQGLDQQLFNR	AGAP010895-PA	-	122	6.31E-12	2	1758.953	1.58	Ovary	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_14095	ANGIADDLIHAGHSDSATIAEWK	AGAP010895-PA	-	148	2.42E-14	1	2392.156	1.42	Head	3L:+:12738349-12738417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_14151	VAVVNQLAR	AGAP010895-PA	-	58	6.85E-06	2	969.584	-0.45	Head	3L:+:12735778-12735804	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_14812	ANNQKPYTPK	AGAP010895-PA	-	33	0.009922228	1	1160.605	-1.05	Midgut	3L:+:12734185-12734214	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_14895	EQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	83	3.21E-08	1	2395.281	3.84	Malpighian tubule	3L:+:12735037-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_15191	HRYDGFDK	AGAP010895-PA	-	33	0.004487882	1	1037.473	-6.4	Head	3L:+:12735730-12735753	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_15748	ETVSWIEDK	AGAP010895-PA	-	57	3.41E-05	2	1106.537	0.17	Male reproductive organs	3L:+:12735961-12735987	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_15845	DGLNESWQDLLELIETR	AGAP010895-PA	-	101	1.23E-09	1	2031.006	1.24	Midgut	3L:+:12738418-12738468	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_16653	LISESDGVEQWIGEK	AGAP010895-PA	-	109	2.27E-10	2	1689.838	2.72	Pupa	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_16885	LLNQHQSIR	AGAP010895-PA	-	70	7.44E-07	1	1108.621	-1.18	Head	3L:+:12736363-12736389	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_17162	WQELKDAVENR	AGAP010895-PA	-	73	8.70E-07	1	1387.699	1.89	Head	3L:+:12737797-12737829	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_17193	DLDHFQAWLTK	AGAP010895-PA	-	87	3.01E-08	1	1373.684	-0.99	Midgut	3L:+:12736273-12736305	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_17405	AAAEAEAEAIR	AGAP010895-PA	-	83	5.43E-08	2	1101.555	0.96	Salivary gland	3L:+:12739583-12739615	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_17710	LTALENEADAIEGDHPEEAALIR	AGAP010895-PA	-	108	2.37E-10	1	2477.220	1.69	Male reproductive organs	3L:+:12736099-12736167	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_18212	QAEVLLSQQEHVLSK	AGAP010895-PA	-	39	0.000798621	2	1708.929	3.86	Salivary gland	3L:+:12736612-12736656	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_18220	EVDDLEQWITDR	AGAP010895-PA	-	63	8.33E-06	2	1518.711	2.44	Malpighian tubule	3L:+:12738193-12738228	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_18261	NYAETIEQLHAQAK	AGAP010895-PA	-	98	2.51E-09	1	1615.811	1.98	Midgut	3L:+:12735448-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_18497	TAGYHNVNVR	AGAP010895-PA	-	58	2.51E-05	1	1130.575	4.28	Malpighian tubule	3L:+:12733621-12733650	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_18557	DVADELKNYAETIEQLHAQAK	AGAP010895-PA	-	124	5.22E-12	1	2386.191	0.81	Midgut	3L:+:12735427-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_18590	SFFTLK	AGAP010895-PA	-	33	0.002559694	1	742.417	4.7	Ovary	3L:+:12743808-12743825	exon=> In CDS Exon 8 of transcript AGAP010895-PA
JHU_Ag_18703	HRPDLIQFDKLSK	AGAP010895-PA	-	67	1.27E-06	1	1596.887	1.02	Malpighian tubule	3L:+:12733705-12733743	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_18988	ARLDEALQLFMLSR	AGAP010895-PA	M11(Oxidation)	48	0.000166969	3	1678.900	3.25	Salivary gland	3L:+:12738151-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_19006	FQIQDITIEETDNK	AGAP010895-PA	-	52	0.000121298	2	1693.829	0.83	Head	3L:+:12733471-12733476,12733537-12733572	exon=> In CDS Exon 2 and 3 of transcript AGAP010895-PA
JHU_Ag_19297	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	M1(Oxidation)	96	4.49E-09	1	2265.129	3	Malpighian tubule	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_19985	LLEVLSGER	AGAP010895-PA	-	78	2.27E-07	2	1015.578	-0.66	Male reproductive organs	3L:+:12733273-12733299	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_20016	DSKLEEAGDLHR	AGAP010895-PA	-	59	1.78E-05	1	1369.669	-1.12	Male reproductive organs	3L:+:12736228-12736263	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_20036	LTLNEPEQER	AGAP010895-PA	-	51	8.67E-05	1	1228.617	0.4	Male reproductive organs	3L:+:12735493-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_20530	ALQFLR	AGAP010895-PA	-	46	0.000152936	2	747.453	2.53	Salivary gland	3L:+:12733357-12733374	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_20933	NYAETIEQLHAQAK	AGAP010895-PA	N1(Deamidated)	123	7.07E-12	1	1615.812	2.51	Head	3L:+:12735448-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_21371	GAQIEIASDYTK	AGAP010895-PA	-	69	1.94E-06	1	1295.652	3.15	Salivary gland	3L:+:12743510-12743545	exon=> In CDS Exon 7 of transcript AGAP010895-PA
JHU_Ag_21509	ANGIADDLIHAGHSDSATIAEWK	AGAP010895-PA	-	60	1.66E-05	1	2392.154	0.58	Male reproductive organs	3L:+:12738349-12738417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_21556	LIDEGHEDAGSYADLISQLTQK	AGAP010895-PA	-	109	2.18E-10	1	2403.171	1.6	Head	3L:+:12737731-12737796	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_21602	ELALREELIR	AGAP010895-PA	-	41	0.000453811	1	1241.720	-0.72	Head	3L:+:12734281-12734310	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_21714	QNHLNNSWSK	AGAP010895-PA	-	59	1.48E-05	1	1227.585	-0.89	Head	3L:+:12735853-12735882	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_21851	LEQLAAR	AGAP010895-PA	-	48	0.000235411	2	800.462	-0.09	Head	3L:+:12734320-12734340	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_21854	FNEFAQDTATVGSER	AGAP010895-PA	-	122	8.88E-12	2	1671.762	0.83	Male reproductive organs	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_22324	WIEVTIVQLGDR	AGAP010895-PA	-	101	8.91E-10	2	1428.786	1.01	Midgut	3L:+:12734011-12734046	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_22410	LKEILAMWSNLR	AGAP010895-PA	M7(Oxidation)	96	2.38E-09	1	1489.821	1.15	Midgut	3L:+:12735220-12735255	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_22710	AAAEAEAEAIR	AGAP010895-PA	-	48	0.000191934	2	1101.555	1.63	Malpighian tubule	3L:+:12739583-12739615	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_22712	LWNYLIELLR	AGAP010895-PA	-	61	4.02E-06	2	1332.775	5.51	Ovary	3L:+:12734587-12734616	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_22854	LTLNEPEQER	AGAP010895-PA	-	40	0.001148654	1	1228.616	-0.79	Malpighian tubule	3L:+:12735493-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_23055	HRPDLIQFDK	AGAP010895-PA	-	51	7.36E-05	1	1268.676	1.31	Male reproductive organs	3L:+:12733705-12733734	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_23071	DVEDEK	AGAP010895-PA	-	46	0.000221022	1	734.321	0.72	Midgut	3L:+:12737557-12737574	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_23454	KHESLEQSVEDYADTIR	AGAP010895-PA	-	113	7.96E-11	2	2019.975	6.33	Ovary	3L:+:12737974-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_23748	TAGYHNVNVR	AGAP010895-PA	-	61	1.14E-05	1	1130.565	-4.79	Head	3L:+:12733621-12733650	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_23779	EVIVQQSVDDIDSWMDDLEK	AGAP010895-PA	M15(Oxidation)	49	0.000174906	2	2380.100	5.86	Malpighian tubule	3L:+:12737218-12737277	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_23987	TAPSDVLEPIVEK	AGAP010895-PA	-	82	6.67E-08	1	1397.756	2.31	Salivary gland	3L:+:12737419-12737457	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_24806	EVIVQQSVDDIDSWMDDLEK	AGAP010895-PA	M15(Oxidation)	106	2.86E-10	2	2380.087	0.53	Head	3L:+:12737218-12737277	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_25032	TTDISVVR	AGAP010895-PA	N-Term(Acetyl)	64	7.86E-06	2	932.506	1.54	Malpighian tubule	3L:+:12732944-12732967	exon=> In CDS Exon 1 of transcript AGAP010895-PA
JHU_Ag_25221	EQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	74	2.77E-07	1	2395.279	3.15	Visceras	3L:+:12735037-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_25236	WDPSQGPGNEFIEDIEYDGGNSSSR	AGAP010895-PA	-	81	3.74E-08	1	2756.173	0.68	Visceras	3L:+:12732968-12733042	exon=> In CDS Exon 1 of transcript AGAP010895-PA
JHU_Ag_25599	LLEVLSGER	AGAP010895-PA	-	78	2.13E-07	2	1015.581	2.35	Salivary gland	3L:+:12733273-12733299	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_25659	HLMGVEDLLQK	AGAP010895-PA	M3(Oxidation)	47	0.000187423	2	1282.691	6.35	Midgut	3L:+:12734737-12734769	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_25704	GNLEVLLFTLQSK	AGAP010895-PA	-	75	1.16E-07	1	1461.837	3.68	Ovary	3L:+:12734140-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_25706	TNPIQNLNNAFNVAEEK	AGAP010895-PA	-	91	1.17E-08	1	1915.957	3.09	Salivary gland	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_25996	EVVAGSHELGQDYDHITLLWER	AGAP010895-PA	-	167	3.17E-16	1	2567.262	3.47	Malpighian tubule	3L:+:12738229-12738294	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_26024	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	-	117	3.12E-11	2	1938.989	4.18	Malpighian tubule	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_26041	DVSGVELLMNNHQSLK	AGAP010895-PA	M9(Oxidation)	83	6.10E-08	1	1799.898	1	Salivary gland	3L:+:12738901-12738948	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_26695	HQAFEAEIAANK	AGAP010895-PA	-	45	0.000349976	2	1328.658	-0.87	Visceras	3L:+:12737020-12737055	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_26737	LDEALQLFMLSR	AGAP010895-PA	M9(Oxidation)	82	8.45E-08	2	1451.757	0.45	Male reproductive organs	3L:+:12738157-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_27300	AAAEAEAEAIR	AGAP010895-PA	-	70	1.24E-06	1	1101.553	-0.37	Male reproductive organs	3L:+:12739583-12739615	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_27393	AAAEAEAEAIR	AGAP010895-PA	-	60	1.05E-05	2	1101.556	2.29	Visceras	3L:+:12739583-12739615	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_27515	GAQIEIASDYTK	AGAP010895-PA	-	51	0.000101582	2	1295.652	2.87	Midgut	3L:+:12743510-12743545	exon=> In CDS Exon 7 of transcript AGAP010895-PA
JHU_Ag_27583	ETWLSENQR	AGAP010895-PA	-	47	0.000262954	1	1162.553	3.62	Head	3L:+:12734365-12734391	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_27630	LEDAYAELCK	AGAP010895-PA	C9(Carbamidomethyl)	57	2.29E-05	2	1211.564	2.13	Malpighian tubule	3L:+:12734911-12734940	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_27781	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	-	44	0.000595459	1	2249.140	5.75	Visceras	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_27881	DGWEELHQMWENR	AGAP010895-PA	M9(Oxidation)	68	8.51E-07	1	1745.731	-1.28	Head	3L:+:12736519-12736557	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_27924	IMTICNNGQK	AGAP010895-PA	M2(Oxidation), C5(Carbamidomethyl),C5(Carbamidomethyl)	54	6.81E-05	2	1178.564	-1.84	Head	3L:+:12737701-12737730	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_28052	HESLEQSVEDYADTIR	AGAP010895-PA	-	110	1.32E-10	1	1891.867	0.05	Malpighian tubule	3L:+:12737977-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_28615	LLEVLSGER	AGAP010895-PA	-	72	9.86E-07	2	1015.578	0.06	Head	3L:+:12733273-12733299	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_28689	LKQETVQGK	AGAP010895-PA	-	46	0.000306193	2	1030.589	-0.14	Salivary gland	3L:+:12733900-12733926	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_28827	EEIDNYTEDYKK	AGAP010895-PA	-	53	4.38E-05	2	1546.692	0.97	Male reproductive organs	3L:+:12736390-12736425	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_28978	DLAAIQAK	AGAP010895-PA	-	36	0.00414316	2	829.479	1.09	Ovary	3L:+:12736075-12736098	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_29815	HSLVEADINVLGDR	AGAP010895-PA	-	104	4.73E-10	1	1537.800	1.71	Head	3L:+:12734770-12734811	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_30208	KHESLEQSVEDYADTIR	AGAP010895-PA	-	121	1.23E-11	1	2019.966	1.8	Malpighian tubule	3L:+:12737974-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_30424	EEIDNYTEDYKK	AGAP010895-PA	-	87	1.77E-08	1	1546.703	8.16	Midgut	3L:+:12736390-12736425	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_30615	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	-	133	6.76E-13	1	2018.945	2.16	Midgut	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_30706	LLDALSLYK	AGAP010895-PA	-	54	1.27E-05	1	1035.608	-0.53	Male reproductive organs	3L:+:12735598-12735624	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_30790	VQAVVAVCNELEAEK	AGAP010895-PA	C8(Carbamidomethyl)	104	5.52E-10	1	1658.842	0.34	Head	3L:+:12734494-12734538	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_31002	TAVNARFEK	AGAP010895-PA	-	46	0.000326724	1	1035.560	2.06	Malpighian tubule	3L:+:12737461-12737487	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_31530	ELALREELIR	AGAP010895-PA	-	34	0.002235774	1	1241.722	0.56	Male reproductive organs	3L:+:12734281-12734310	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_31575	HQNFIQDLMTLHSQVQQIQEESAK	AGAP010895-PA	M9(Oxidation)	146	3.42E-14	1	2868.400	2.04	Head	3L:+:12738613-12738684	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_31738	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	-	150	1.28E-14	1	2018.940	-0.08	Malpighian tubule	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_31831	LISESDGVEQWIGEKER	AGAP010895-PA	-	87	4.27E-08	2	1974.980	1.57	Head	3L:+:12735625-12735675	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_31911	DLAAIQAK	AGAP010895-PA	-	59	2.06E-05	1	829.479	1.25	Salivary gland	3L:+:12736075-12736098	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_31936	LTFFKDQR	AGAP010895-PA	-	39	0.00108596	2	1054.572	3.93	Malpighian tubule	3L:+:12743429-12743452	exon=> In CDS Exon 7 of transcript AGAP010895-PA
JHU_Ag_32032	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	M1(Oxidation)	151	1.30E-14	1	2249.132	1.93	Head	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_32159	FVEKGNLEVLLFTLQSK	AGAP010895-PA	-	52	1.24E-05	1	1965.114	4.28	Malpighian tubule	3L:+:12734128-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_32541	QLTTEQHAYSDQVSVK	AGAP010895-PA	-	86	4.81E-08	1	1833.900	1.12	Head	3L:+:12738046-12738093	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_32604	MINEYESLTSELLK	AGAP010895-PA	M1(Oxidation)	64	5.41E-06	2	1685.831	0.62	Ovary	3L:+:12733969-12734010	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_33132	QVLLSQGLDQQLFNR	AGAP010895-PA	-	105	3.16E-10	1	1758.952	1.44	Pupa	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_33535	DLAAIQAK	AGAP010895-PA	-	54	6.15E-05	1	829.481	3.9	Malpighian tubule	3L:+:12736075-12736098	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_33782	VATIQTIWEQLTQMLK	AGAP010895-PA	M14(Oxidation)	78	1.43E-07	1	1919.040	4.93	Head	3L:+:12736174-12736221	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_33823	LLEVLSGER	AGAP010895-PA	-	62	1.05E-05	2	1015.578	0.12	Malpighian tubule	3L:+:12733273-12733299	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_33824	ALELHEK	AGAP010895-PA	-	47	0.000122512	1	839.458	-5.5	Head	3L:+:12736864-12736884	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_33941	NHYASADIK	AGAP010895-PA	-	59	1.63E-05	1	1018.490	-5.36	Head	3L:+:12739018-12739044	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_34223	NYAETIEQLHAQAK	AGAP010895-PA	-	40	0.001443338	1	1615.806	-0.97	Visceras	3L:+:12735448-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_35027	ALESEIQSHEPQLMAVSEVGDELVR	AGAP010895-PA	M14(Oxidation)	132	9.56E-13	1	2782.364	2.6	Head	3L:+:12735109-12735183	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_35279	LLDALSLYK	AGAP010895-PA	-	41	0.000210571	2	1035.610	1.23	Visceras	3L:+:12735598-12735624	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_35514	SAHGVQTFYIECR	AGAP010895-PA	C12(Carbamidomethyl)	57	3.15E-05	2	1567.737	3.11	Ovary	3L:+:12735922-12735960	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_35622	KHEAIETDIFAYEER	AGAP010895-PA	-	90	1.50E-08	1	1850.900	4.33	Midgut	3L:+:12734449-12734493	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_35887	KHESLEQSVEDYADTIR	AGAP010895-PA	-	51	0.000132677	1	2019.963	0.44	Pupa	3L:+:12737974-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_36019	VATIQTIWEQLTQMLK	AGAP010895-PA	M14(Oxidation)	72	5.48E-07	2	1919.032	0.41	Salivary gland	3L:+:12736174-12736221	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_36169	WDPSQGPGNEFIEDIEYDGGNSSSR	AGAP010895-PA	-	70	4.97E-07	2	2756.172	0.59	Head	3L:+:12732968-12733042	exon=> In CDS Exon 1 of transcript AGAP010895-PA
JHU_Ag_36331	LWNYLIELLR	AGAP010895-PA	-	30	0.00422433	1	1332.775	5.33	Larva	3L:+:12734587-12734616	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_36453	TNPIQNLNNAFNVAEEK	AGAP010895-PA	-	108	2.72E-10	1	1915.952	0.54	Male reproductive organs	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_37263	YITAQDDTYR	AGAP010895-PA	-	64	3.62E-06	1	1245.576	0.79	Salivary gland	3L:+:12736957-12736986	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_37410	LEQLAAR	AGAP010895-PA	-	43	0.000726668	2	800.466	4.56	Salivary gland	3L:+:12734320-12734340	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_37470	HEAIETDIFAYEER	AGAP010895-PA	-	70	1.27E-06	1	1722.801	2.21	Head	3L:+:12734452-12734493	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_37555	VAVVNQLAR	AGAP010895-PA	-	41	0.000192632	2	969.587	3.45	Ovary	3L:+:12735778-12735804	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_37628	FFHDCKDVLGR	AGAP010895-PA	C5(Carbamidomethyl)	65	4.73E-06	1	1393.671	1.97	Head	3L:+:12738505-12738537	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_37866	QVLLSQGLDQQLFNR	AGAP010895-PA	-	118	1.56E-11	1	1758.955	3.18	Malpighian tubule	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_37949	DGLNESWQDLLELIETR	AGAP010895-PA	-	100	1.64E-09	1	2031.007	1.78	Pupa	3L:+:12738418-12738468	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_38014	ALESEIQSHEPQLMAVSEVGDELVR	AGAP010895-PA	M14(Oxidation)	48	0.000251569	3	2782.358	0.69	Male reproductive organs	3L:+:12735109-12735183	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_38431	DGLAFNAIIHK	AGAP010895-PA	-	57	1.71E-05	1	1198.658	-0.05	Midgut	3L:+:12733672-12733704	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_38698	DAGVVSALQR	AGAP010895-PA	-	73	7.99E-07	1	1015.553	-0.41	Salivary gland	3L:+:12738580-12738609	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_38859	TNPIQNLNNAFNVAEEK	AGAP010895-PA	-	120	1.72E-11	1	1915.953	1.12	Malpighian tubule	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_39179	DLDHFQAWLTK	AGAP010895-PA	-	87	2.93E-08	1	1373.689	3.01	Salivary gland	3L:+:12736273-12736305	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_39541	KHESLEQSVEDYADTIR	AGAP010895-PA	-	94	6.17E-09	1	2019.970	4.22	Midgut	3L:+:12737974-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_39572	ERLHEAK	AGAP010895-PA	-	41	0.000703926	2	882.479	-0.13	Head	3L:+:12737056-12737076	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_39750	VVGIAMDNDR	AGAP010895-PA	M6(Oxidation)	50	0.000137924	2	1105.531	0.31	Male reproductive organs	3L:+:12733939-12733968	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_40085	KHESLEQSVEDYADTIR	AGAP010895-PA	-	119	2.26E-11	1	2019.962	0.07	Head	3L:+:12737974-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_40143	GALLFDAK	AGAP010895-PA	-	38	0.001342362	2	834.472	-0.36	Male reproductive organs	3L:+:12737191-12737214	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_40383	NHYASADIKDR	AGAP010895-PA	-	38	0.002202175	1	1289.627	2.66	Larva	3L:+:12739018-12739050	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_40385	EILAMWSNLR	AGAP010895-PA	-	39	0.002171094	2	1232.649	2.98	Visceras	3L:+:12735226-12735255	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_40425	VQAVVAVCNELEAEKYHDIER	AGAP010895-PA	C8(Carbamidomethyl)	76	3.77E-07	1	2472.225	2.58	Salivary gland	3L:+:12734494-12734556	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_41039	LISESDGVEQWIGEK	AGAP010895-PA	-	83	9.59E-08	2	1689.835	1.21	Visceras	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_41070	HFVNSLVGVQQQLAQFSNYR	AGAP010895-PA	-	72	6.78E-07	1	2335.213	8.12	Salivary gland	3L:+:12734047-12734106	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_41346	INEKQHGVSEELGR	AGAP010895-PA	-	91	1.09E-08	1	1595.818	2.57	Malpighian tubule	3L:+:12738538-12738579	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_41629	GNLEVLLFTLQSK	AGAP010895-PA	-	85	1.36E-08	1	1461.832	0.25	Visceras	3L:+:12734140-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_41657	AAAEAEAEAIRQQEAAAAR	AGAP010895-PA	-	134	6.35E-13	1	1926.966	1.43	Head	3L:+:12739583-12739639	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_42140	QQIIQTQMAVK	AGAP010895-PA	M8(Oxidation)	46	0.000335359	1	1303.708	3.37	Malpighian tubule	3L:+:12737338-12737370	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_42573	EEIDNYTEDYK	AGAP010895-PA	-	74	1.54E-07	1	1418.597	0.55	Head	3L:+:12736390-12736422	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_43165	LLEVLSGER	AGAP010895-PA	-	64	5.36E-06	2	1015.578	-0.24	Ovary	3L:+:12733273-12733299	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_43178	VATIQTIWEQLTQMLK	AGAP010895-PA	-	67	1.31E-06	2	1903.039	1.4	Visceras	3L:+:12736174-12736221	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_44490	LLDALSLYK	AGAP010895-PA	-	47	5.62E-05	2	1035.607	-1.36	Head	3L:+:12735598-12735624	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_44547	NFDELETSTK	AGAP010895-PA	-	44	0.000455178	2	1183.549	1.04	Male reproductive organs	3L:+:12737155-12737184	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_45052	LIDEGHEDAGSYADLISQLTQK	AGAP010895-PA	-	94	6.14E-09	1	2403.170	1.22	Ovary	3L:+:12737731-12737796	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_45346	TAPSDVLEPIVEK	AGAP010895-PA	-	72	5.62E-07	2	1397.753	0.65	Male reproductive organs	3L:+:12737419-12737457	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_45911	DDTPVNLEQAENQLK	AGAP010895-PA	-	106	4.19E-10	2	1713.831	1.33	Malpighian tubule	3L:+:12736657-12736701	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_46272	FQIQDITIEETDNKETK	AGAP010895-PA	-	87	3.20E-08	1	2052.023	4.64	Malpighian tubule	3L:+:12733471-12733476,12733537-12733581	exon=> In CDS Exon 2 and 3 of transcript AGAP010895-PA
JHU_Ag_46374	LDEALQLFMLSR	AGAP010895-PA	M9(Oxidation)	69	1.79E-06	2	1451.757	0.53	Salivary gland	3L:+:12738157-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_46925	EVDDLEQWITDR	AGAP010895-PA	-	77	3.01E-07	2	1518.714	4.21	Salivary gland	3L:+:12738193-12738228	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_47051	HLMGVEDLLQK	AGAP010895-PA	M3(Oxidation)	87	1.77E-08	1	1298.682	3.89	Larva	3L:+:12734737-12734769	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_47301	ETWLSENQR	AGAP010895-PA	-	49	0.000179172	2	1162.547	-1.28	Midgut	3L:+:12734365-12734391	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_47525	EDNFSACLALGK	AGAP010895-PA	C7(Carbamidomethyl)	54	5.27E-05	2	1324.623	2.34	Salivary gland	3L:+:12738967-12739002	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_47537	GNLEVLLFTLQSK	AGAP010895-PA	-	108	6.44E-11	2	1461.831	-0.25	Midgut	3L:+:12734140-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_47922	AAAEAEAEAIRQQEAAAAR	AGAP010895-PA	-	98	2.19E-09	1	1926.963	-0.09	Salivary gland	3L:+:12739583-12739639	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_48033	LDEALQLFMLSR	AGAP010895-PA	M9(Oxidation)	85	4.21E-08	2	1451.759	2.04	Head	3L:+:12738157-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48037	FFHDCKDVLGR	AGAP010895-PA	C5(Carbamidomethyl)	39	0.002181945	1	1393.668	-0.22	Male reproductive organs	3L:+:12738505-12738537	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48217	DLDHFQAWLTK	AGAP010895-PA	-	89	1.84E-08	1	1373.688	2.12	Pupa	3L:+:12736273-12736305	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_48299	WIEVTIVQLGDR	AGAP010895-PA	-	98	1.44E-09	2	1428.792	5.11	Salivary gland	3L:+:12734011-12734046	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48370	MINEYESLTSELLK	AGAP010895-PA	M1(Oxidation)	104	5.00E-10	2	1685.828	-1.55	Midgut	3L:+:12733969-12734010	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48429	LREQAESK	AGAP010895-PA	-	47	0.000404346	2	960.506	-5.36	Head	3L:+:12735883-12735906	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48438	QLLHVEHPNSPEIIER	AGAP010895-PA	-	66	3.24E-06	1	1911.008	-0.37	Midgut	3L:+:12735805-12735852	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48440	EDNFSACLALGK	AGAP010895-PA	C7(Carbamidomethyl)	38	0.002362124	2	1324.626	3.99	Ovary	3L:+:12738967-12739002	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48543	EVVAGSHELGQDYDHITLLWER	AGAP010895-PA	-	172	8.28E-17	1	2567.264	4.26	Midgut	3L:+:12738229-12738294	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48765	VVGIAMDNDR	AGAP010895-PA	M6(Oxidation)	44	0.000574237	2	1105.530	-0.57	Midgut	3L:+:12733939-12733968	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_48918	AAAEAEAEAIR	AGAP010895-PA	-	61	9.89E-06	2	1101.553	-0.59	Ovary	3L:+:12739583-12739615	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_49344	LLDALSLYK	AGAP010895-PA	-	51	2.29E-05	2	1035.603	-5.49	Midgut	3L:+:12735598-12735624	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_49885	NYAETIEQLHAQAK	AGAP010895-PA	-	74	6.03E-07	1	1615.807	-0.21	Male reproductive organs	3L:+:12735448-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_50274	TNPIQNLNNAFNVAEEK	AGAP010895-PA	-	76	4.16E-07	1	1915.949	-0.92	Pupa	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_50381	EILAMWSNLR	AGAP010895-PA	M5(Oxidation)	59	2.12E-05	2	1248.642	0.75	Head	3L:+:12735226-12735255	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_50477	FNEFAQDTATVGSER	AGAP010895-PA	-	89	1.41E-08	2	1671.755	-3.84	Midgut	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_50971	HRPDLIQFDK	AGAP010895-PA	Q7(Deamidated)	59	1.26E-05	2	1268.681	4.78	Ovary	3L:+:12733705-12733734	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_51330	LWNYLIELLR	AGAP010895-PA	-	41	0.000495307	2	1332.769	0.84	Salivary gland	3L:+:12734587-12734616	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_51600	HSLVEADINVLGDR	AGAP010895-PA	-	90	1.13E-08	2	1537.798	0.92	Ovary	3L:+:12734770-12734811	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_51775	QLLHVEHPNSPEIIER	AGAP010895-PA	-	62	7.01E-06	1	1911.012	1.84	Salivary gland	3L:+:12735805-12735852	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_51806	LTALENEADAIEGDHPEEAALIR	AGAP010895-PA	-	114	7.32E-11	1	2477.220	1.62	Malpighian tubule	3L:+:12736099-12736167	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_51885	LISESDGVEQWIGEK	AGAP010895-PA	-	110	1.60E-10	2	1689.833	0.2	Midgut	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_52130	LLQLTNSR	AGAP010895-PA	-	47	0.000283695	1	944.549	-3.13	Head	3L:+:12739051-12739074	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_52330	LTALENEADAIEGDHPEEAALIR	AGAP010895-PA	-	123	8.59E-12	1	2477.229	5.46	Salivary gland	3L:+:12736099-12736167	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_53491	TAPSDVLEPIVEKK	AGAP010895-PA	-	56	1.68E-05	1	1525.849	1.16	Male reproductive organs	3L:+:12737419-12737460	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_53517	DVADELK	AGAP010895-PA	-	46	0.000636985	1	789.402	3.49	Midgut	3L:+:12735427-12735447	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_54064	VAVVNQLAR	AGAP010895-PA	-	54	1.59E-05	2	969.584	-0.26	Male reproductive organs	3L:+:12735778-12735804	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_54362	EILAMWSNLR	AGAP010895-PA	-	50	0.000206964	2	1232.645	-0.59	Midgut	3L:+:12735226-12735255	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_54378	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	90	1.43E-08	1	2424.143	1.77	Midgut	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_54414	DALLLWCQMK	AGAP010895-PA	C7(Carbamidomethyl)	36	0.004610165	2	1277.643	4.08	Ovary	3L:+:12733591-12733620	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_54678	DHFDADK	AGAP010895-PA	-	59	1.41E-06	1	847.356	-2.97	Head	3L:+:12736789-12736809	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_55089	LLDAEDIFVDHPDEK	AGAP010895-PA	-	97	2.94E-09	1	1755.846	1.12	Salivary gland	3L:+:12733810-12733854	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_55340	LISESDGVEQWIGEKER	AGAP010895-PA	-	36	0.004472572	1	1974.979	1.13	Ovary	3L:+:12735625-12735675	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_55347	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	114	6.38E-11	1	2424.142	1.09	Visceras	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_56407	DVSGVELLMNNHQSLK	AGAP010895-PA	M9(Oxidation)	90	1.36E-08	1	1799.900	2.29	Male reproductive organs	3L:+:12738901-12738948	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_56432	GALLFDAK	AGAP010895-PA	-	41	0.000630768	2	834.473	1.03	Salivary gland	3L:+:12737191-12737214	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_56544	GNLEVLLFTLQSK	AGAP010895-PA	-	100	4.03E-10	2	1461.838	4.51	Malpighian tubule	3L:+:12734140-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_56697	LWNYLIELLR	AGAP010895-PA	-	64	2.27E-06	1	1332.769	1.48	Midgut	3L:+:12734587-12734616	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_56805	VQAVVAVCNELEAEKYHDIER	AGAP010895-PA	C8(Carbamidomethyl)	43	0.00079226	1	2472.220	0.49	Ovary	3L:+:12734494-12734556	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_56920	RLTLNEPEQER	AGAP010895-PA	-	60	1.31E-05	2	1384.715	-1.97	Head	3L:+:12735490-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_57074	DLAAIQAK	AGAP010895-PA	-	61	1.23E-05	1	829.479	1.33	Head	3L:+:12736075-12736098	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_57092	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	-	122	1.00E-11	2	1938.991	4.99	Ovary	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_57505	HQSLNTEIDNHEPR	AGAP010895-PA	-	49	0.000184445	1	1689.794	-0.04	Salivary gland	3L:+:12737659-12737700	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_57733	DHFDADK	AGAP010895-PA	-	42	8.44E-05	1	847.359	0.99	Malpighian tubule	3L:+:12736789-12736809	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_57911	LTLNEPEQER	AGAP010895-PA	-	42	0.000711524	2	1228.617	-0.09	Visceras	3L:+:12735493-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_58081	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	M1(Oxidation)	58	2.66E-05	3	2265.131	3.81	Salivary gland	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_58202	LLNQHQSIREEIDNYTEDYK	AGAP010895-PA	-	103	7.22E-10	1	2508.211	4.49	Ovary	3L:+:12736363-12736422	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_58334	DLAAIQAK	AGAP010895-PA	-	42	0.001014686	2	829.477	-0.6	Male reproductive organs	3L:+:12736075-12736098	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_58993	QLLHVEHPNSPEIIER	AGAP010895-PA	-	33	0.005157349	1	1911.012	1.74	Pupa	3L:+:12735805-12735852	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_59019	MLQTMVPGKDIEDVEIMK	AGAP010895-PA	M1(Oxidation), M5(Oxidation), M17(Oxidation)	45	0.00053434	1	2125.023	0.23	Male reproductive organs	3L:+:12735676-12735729	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_59087	LEQLAAR	AGAP010895-PA	-	48	0.00023161	2	800.463	0.9	Malpighian tubule	3L:+:12734320-12734340	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_59240	TNPIQNLNNAFNVAEEK	AGAP010895-PA	-	85	4.82E-08	2	1915.947	-2.01	Visceras	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_59601	DDTPVNLEQAENQLKR	AGAP010895-PA	-	103	9.12E-10	1	1869.933	1.26	Head	3L:+:12736657-12736704	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_59993	TAPSDVLEPIVEKK	AGAP010895-PA	-	74	2.53E-07	2	1525.850	1.72	Ovary	3L:+:12737419-12737460	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_60344	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	-	69	1.37E-06	1	2059.066	-0.33	Male reproductive organs	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_60408	QRLEAEAAAAR	AGAP010895-PA	-	65	3.52E-06	1	1185.629	-3.87	Head	3L:+:12739550-12739582	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_60518	QQIIQTQMAVK	AGAP010895-PA	M8(Oxidation)	40	0.001328955	2	1303.708	3.37	Ovary	3L:+:12737338-12737370	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_60523	RHEAFLTTMEANDEK	AGAP010895-PA	M9(Oxidation)	129	1.33E-12	1	1807.827	-0.39	Head	3L:+:12736702-12736746	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_60613	HESLEQSVEDYADTIR	AGAP010895-PA	-	127	2.81E-12	2	1891.873	3.41	Head	3L:+:12737977-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_60795	WQELKDAVENR	AGAP010895-PA	-	69	2.01E-06	2	1387.697	0.13	Midgut	3L:+:12737797-12737829	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_61041	DVSGVELLMNNHQSLK	AGAP010895-PA	M9(Oxidation)	136	3.50E-13	1	1799.900	2.36	Head	3L:+:12738901-12738948	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_61080	DAGVVSALQR	AGAP010895-PA	-	64	6.17E-06	2	1015.553	0.19	Ovary	3L:+:12738580-12738609	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_61829	NFDELETSTK	AGAP010895-PA	-	46	0.000312022	2	1183.551	3.1	Salivary gland	3L:+:12737155-12737184	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_61883	ANNQKPYTPKEGK	AGAP010895-PA	-	61	1.34E-05	1	1474.770	3.36	Malpighian tubule	3L:+:12734185-12734223	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_62001	TVEKPPKFVEK	AGAP010895-PA	-	44	0.000247345	1	1301.750	2.56	Malpighian tubule	3L:+:12734107-12734139	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_62085	LLNQHQSIR	AGAP010895-PA	-	66	1.88E-06	1	1108.625	2.79	Larva	3L:+:12736363-12736389	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_62283	GALLFDAKR	AGAP010895-PA	-	32	0.004132274	2	990.573	0.14	Ovary	3L:+:12737191-12737217	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_62294	DVEDEKLWIDEK	AGAP010895-PA	-	89	2.30E-08	1	1518.739	4.61	Head	3L:+:12737557-12737592	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_63225	LADTGDLFK	AGAP010895-PA	-	47	0.000338748	2	979.509	-0.59	Male reproductive organs	3L:+:12738796-12738822	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_63916	YHDIER	AGAP010895-PA	-	33	0.003092643	1	832.392	-3.34	Head	3L:+:12734539-12734556	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_63936	SAHGVQTFYIECR	AGAP010895-PA	C12(Carbamidomethyl)	93	7.66E-09	1	1567.730	-1.41	Head	3L:+:12735922-12735960	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_64638	HQSLNTEIDNHEPR	AGAP010895-PA	N5(Deamidated),Q2(Deamidated)	109	1.79E-10	1	1689.797	1.58	Head	3L:+:12737659-12737700	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_64877	LLEVLSGER	AGAP010895-PA	-	54	5.58E-05	2	1015.578	-0.66	Midgut	3L:+:12733273-12733299	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_64956	ALESEIQSHEPQLMAVSEVGDELVR	AGAP010895-PA	M14(Oxidation)	66	3.88E-06	3	2766.375	4.9	Malpighian tubule	3L:+:12735109-12735183	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_65386	EQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	43	0.000326844	1	2395.284	5.14	Salivary gland	3L:+:12735037-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_65596	ARLDEALQLFMLSR	AGAP010895-PA	M11(Oxidation)	78	1.44E-07	1	1678.898	1.84	Malpighian tubule	3L:+:12738151-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_65690	FNEFAQDTATVGSER	AGAP010895-PA	-	107	2.18E-10	2	1671.761	-0.04	Pupa	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_65761	VVGIAMDNDR	AGAP010895-PA	M6(Oxidation)	73	9.12E-07	1	1105.533	1.64	Malpighian tubule	3L:+:12733939-12733968	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_65945	LTLNEPEQERVNER	AGAP010895-PA	-	37	0.003439 41	1	1726.872	0.06	Male reproductive organs	3L:+:12735493-12735534	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_65995	DVSGVELLMNNHQSLK	AGAP010895-PA	M9(Oxidation)	42	0.000848797	1	1799.898	1.48	Ovary	3L:+:12738901-12738948	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_66101	TAPSDVLEPIVEK	AGAP010895-PA	-	53	5.19E-05	2	1397.754	1.26	Ovary	3L:+:12737419-12737457	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_66754	LTALENEADAIEGDHPEEAALIRER	AGAP010895-PA	N6(Deamidated)	142	8.08E-14	1	2762.373	4.9	Malpighian tubule	3L:+:12736099-12736173	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_67258	LISESDGVEQWIGEK	AGAP010895-PA	-	110	1.98E-10	1	1689.839	3.66	Ovary	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_67892	DAGVVSALQR	AGAP010895-PA	-	59	2.08E-05	2	1015.554	0.37	Malpighian tubule	3L:+:12738580-12738609	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_67899	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	-	144	5.72E-14	2	2018.936	-2.01	Visceras	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_68081	TTDISVVR	AGAP010895-PA	N-Term(Acetyl)	37	0.003592931	1	932.505	0.25	Head	3L:+:12732944-12732967	exon=> In CDS Exon 1 of transcript AGAP010895-PA

JHU_Ag_68100	LDEALQLFMLSR	AGAP010895-PA	-	79	1.54E-07	2	1435.762	0.57	Midgut	3L:+:12738157-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_68270	DALLLWCQMK	AGAP010895-PA	C7(Carbamidomethyl)	57	3.24E-05	2	1277.640	1.4	Midgut	3L:+:12733591-12733620	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_68538	LISESDGVEQWIGEK	AGAP010895-PA	-	105	5.55E-10	1	1689.842	5.25	Salivary gland	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_68619	QLLHVEHPNSPEIIER	AGAP010895-PA	-	77	2.23E-07	1	1911.011	1.17	Malpighian tubule	3L:+:12735805-12735852	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_68637	LEDAYAELCK	AGAP010895-PA	C9(Carbamidomethyl)	68	1.68E-06	2	1211.563	1.12	Larva	3L:+:12734911-12734940	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_68951	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	-	109	1.70E-10	2	2018.940	-0.08	Pupa	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_69545	DGLAFNAIIHK	AGAP010895-PA	-	69	9.78E-07	1	1198.658	0.16	Ovary	3L:+:12733672-12733704	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_69568	HESLEQSVEDYADTIR	AGAP010895-PA	-	91	9.64E-09	2	1891.874	3.67	Ovary	3L:+:12737977-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_70069	LLDAEDIFVDHPDEK	AGAP010895-PA	-	119	1.86E-11	1	1755.845	0.77	Male reproductive organs	3L:+:12733810-12733854	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_70125	DVSGVELLMNNHQSLK	AGAP010895-PA	M9(Oxidation)	74	4.71E-07	1	1799.897	0.66	Midgut	3L:+:12738901-12738948	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_70177	FSALER	AGAP010895-PA	-	36	0.003393468	2	722.383	-0.81	Midgut	3L:+:12739390-12739407	exon=> In CDS Exon 4 of transcript AGAP010895-PA
JHU_Ag_70304	TNPIQNLNNAFNVAEEKLGLTK	AGAP010895-PA	-	78	9.87E-08	1	2428.296	5.36	Malpighian tubule	3L:+:12733744-12733809	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_70477	AAAEAEAEAIRQQEAAAAR	AGAP010895-PA	-	123	8.40E-12	1	1926.968	2.67	Malpighian tubule	3L:+:12739583-12739639	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_70690	SIITYVVTYYHYFSK	AGAP010895-PA	-	59	1.68E-05	1	1883.957	-0.37	Midgut	3L:+:12733855-12733899	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_70929	LIDEGHEDAGSYADLISQLTQK	AGAP010895-PA	-	62	1.10E-05	1	2403.175	2.97	Salivary gland	3L:+:12737731-12737796	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_71191	QHGVSEELGR	AGAP010895-PA	-	41	0.000971829	2	1111.542	-6.58	Head	3L:+:12738550-12738579	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_71213	FQIQDITIEETDNKETK	AGAP010895-PA	-	81	1.45E-07	1	2052.015	1.07	Male reproductive organs	3L:+:12733471-12733476,12733537-12733581	exon=> In CDS Exon 2 and 3 of transcript AGAP010895-PA
JHU_Ag_72074	IHCLENVDK	AGAP010895-PA	C3(Carbamidomethyl)	58	1.66E-05	1	1127.552	0.77	Male reproductive organs	3L:+:12733330-12733356	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_72125	QLLHVEHPNSPEIIERQNHLNNSWSK	AGAP010895-PA	-	58	1.61E-05	1	3119.588	3.65	Malpighian tubule	3L:+:12735805-12735882	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_72224	ALESEIQSHEPQLMAVSEVGDELVRR	AGAP010895-PA	M14(Oxidation)	59	1.31E-05	1	2938.477	6.49	Malpighian tubule	3L:+:12735109-12735186	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_72299	TLMLWMEDVVR	AGAP010895-PA	M3(Oxidation), M6(Oxidation)	50	0.000163552	2	1424.694	1.81	Head	3L:+:12738841-12738873	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_72424	DIEDVEIMK	AGAP010895-PA	M8(Oxidation)	51	9.46E-05	2	1107.523	-0.69	Head	3L:+:12735703-12735729	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_72465	KHQSLNTEIDNHEPR	AGAP010895-PA	-	35	0.004850562	1	1817.892	1.73	Malpighian tubule	3L:+:12737656-12737700	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_72478	LTLNEPEQER	AGAP010895-PA	-	51	8.30E-05	1	1228.617	0.3	Head	3L:+:12735493-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_72612	QLLHVEHPNSPEIIER	AGAP010895-PA	-	79	1.23E-07	1	1911.014	3.18	Ovary	3L:+:12735805-12735852	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_72697	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	M1(Oxidation)	84	6.99E-08	1	2249.126	-0.35	Ovary	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_73078	HFVNSLVGVQQQLAQFSNYR	AGAP010895-PA	-	125	3.71E-12	1	2335.195	0.36	Midgut	3L:+:12734047-12734106	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_73252	ARLDEALQLFMLSR	AGAP010895-PA	-	52	6.37E-05	3	1662.898	-0.73	Head	3L:+:12738151-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_74047	MMDYGEGLTSEPTQTEDPQYMFLR	AGAP010895-PA	M1(Oxidation), M2(Oxidation), M21(Oxidation)	49	4.09E-05	1	2887.210	-0.24	Head	3L:+:12736426-12736497	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_74474	NYAETIEQLHAQAK	AGAP010895-PA	-	72	8.96E-07	1	1615.811	2.21	Salivary gland	3L:+:12735448-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_75259	WDPSQGPGNEFIEDIEYDGGNSSSR	AGAP010895-PA	-	62	3.46E-06	2	2756.172	0.59	Ovary	3L:+:12732968-12733042	exon=> In CDS Exon 1 of transcript AGAP010895-PA
JHU_Ag_75418	WIEVTIVQLGDR	AGAP010895-PA	-	59	1.40E-05	2	1428.787	1.61	Head	3L:+:12734011-12734046	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_75479	QIINTDTGNDLTSVNILMQK	AGAP010895-PA	M18(Oxidation)	164	4.55E-16	2	2218.141	1.21	Head	3L:+:12737278-12737337	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_75533	VAVVNQLAR	AGAP010895-PA	-	54	1.73E-05	2	969.584	-0.07	Salivary gland	3L:+:12735778-12735804	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_75980	YITAQDDTYR	AGAP010895-PA	-	68	1.44E-06	1	1245.574	-0.19	Head	3L:+:12736957-12736986	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_76102	NFDELETSTKEK	AGAP010895-PA	-	73	6.90E-07	2	1440.690	3.31	Malpighian tubule	3L:+:12737155-12737190	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_76440	LISESDGVEQWIGEK	AGAP010895-PA	-	107	3.35E-10	2	1689.836	1.42	Male reproductive organs	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_76496	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	-	128	2.27E-12	1	2018.945	2.58	Ovary	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_76755	MINEYESLTSELLK	AGAP010895-PA	M1(Oxidation)	64	5.27E-06	2	1685.832	0.77	Male reproductive organs	3L:+:12733969-12734010	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_77225	LLDAEDIFVDHPDEK	AGAP010895-PA	-	111	1.12E-10	1	1755.847	1.82	Head	3L:+:12733810-12733854	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_77361	FNEFAQDTATVGSER	AGAP010895-PA	-	121	8.32E-12	2	1671.755	-3.47	Visceras	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_77861	AAQELMVEKPEFKEIIEPK	AGAP010895-PA	M6(Oxidation)	85	2.64E-08	1	2245.190	5.08	Malpighian tubule	3L:+:12737080-12737136	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_78505	EVDDLEQWITDR	AGAP010895-PA	-	49	0.000182211	2	1518.703	-2.94	Midgut	3L:+:12738193-12738228	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_78742	WQELKDAVENR	AGAP010895-PA	-	45	0.000544377	2	1387.698	0.83	Ovary	3L:+:12737797-12737829	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_78902	HLMGVEDLLQK	AGAP010895-PA	M3(Oxidation)	52	6.99E-05	1	1298.680	2.39	Malpighian tubule	3L:+:12734737-12734769	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_78911	ALESEIQSHEPQLMAVSEVGDELVR	AGAP010895-PA	M14(Oxidation)	118	2.68E-11	1	2782.369	4.51	Ovary	3L:+:12735109-12735183	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_79534	FNTIVQVAGQMTSK	AGAP010895-PA	M11(Oxidation)	95	3.96E-09	2	1523.791	1.38	Head	3L:+:12736747-12736788	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_79543	LTALENEADAIEGDHPEEAALIR	AGAP010895-PA	-	145	4.82E-14	1	2477.222	2.5	Head	3L:+:12736099-12736167	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_79614	LLDALSLYK	AGAP010895-PA	-	60	2.66E-06	2	1035.609	0.05	Salivary gland	3L:+:12735598-12735624	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_79636	LEDAYAELCK	AGAP010895-PA	C9(Carbamidomethyl)	61	8.92E-06	2	1211.562	0.21	Salivary gland	3L:+:12734911-12734940	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_79785	FQIQDITIEETDNKETK	AGAP010895-PA	-	73	9.89E-07	2	2052.015	0.71	Ovary	3L:+:12733471-12733476,12733537-12733581	exon=> In CDS Exon 2 and 3 of transcript AGAP010895-PA
JHU_Ag_79897	LDEALQLFMLSR	AGAP010895-PA	M9(Oxidation)	95	4.13E-09	2	1451.764	5.58	Malpighian tubule	3L:+:12738157-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_79915	QVLLSQGLDQQLFNR	AGAP010895-PA	-	128	1.36E-12	2	1758.954	2.21	Head	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_79981	LTLNEPEQER	AGAP010895-PA	-	39	0.001180411	1	1228.623	4.78	Midgut	3L:+:12735493-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_80065	DAADAPGSPHSTR	AGAP010895-PA	-	92	6.68E-09	1	1281.584	1.3	Head	3L:+:12739640-12739678	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_80742	EKEQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	130	6.23E-13	1	2652.412	1.05	Head	3L:+:12735031-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_80785	HRPDLIQFDK	AGAP010895-PA	-	36	0.002502107	3	1268.672	-1.78	Visceras	3L:+:12733705-12733734	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_81022	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	-	130	1.39E-12	2	2018.939	-0.5	Male reproductive organs	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_81034	EKEQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	44	0.000279752	1	2652.414	1.67	Salivary gland	3L:+:12735031-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_81181	NFDELETSTK	AGAP010895-PA	-	57	2.27E-05	1	1183.549	0.69	Head	3L:+:12737155-12737184	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_81213	LADTGDLFK	AGAP010895-PA	-	42	0.0011217	1	979.509	-0.35	Malpighian tubule	3L:+:12738796-12738822	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_81255	IHCLENVDK	AGAP010895-PA	C3(Carbamidomethyl)	42	0.000633091	2	1127.555	2.84	Midgut	3L:+:12733330-12733356	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_81692	NALLHR	AGAP010895-PA	-	33	0.001151963	2	723.429	4.57	Ovary	3L:+:12739075-12739092	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_81747	DSKLEEAGDLHR	AGAP010895-PA	-	81	1.05E-07	1	1369.671	0.45	Head	3L:+:12736228-12736263	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_82203	GNLEVLLFTLQSK	AGAP010895-PA	-	110	3.85E-11	2	1461.836	3.51	Head	3L:+:12734140-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_82797	LLDALSLYK	AGAP010895-PA	-	60	1.73E-06	2	1035.611	2.29	Pupa	3L:+:12735598-12735624	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_83303	QVLLSQGLDQQLFNR	AGAP010895-PA	-	128	1.41E-12	2	1758.951	0.89	Visceras	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_83403	HSLVEADINVLGDR	AGAP010895-PA	-	101	7.75E-10	1	1537.809	7.83	Larva	3L:+:12734770-12734811	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_83814	DVADELKNYAETIEQLHAQAK	AGAP010895-PA	-	137	3.32E-13	1	2386.195	2.58	Head	3L:+:12735427-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_84068	KHESLEQSVEDYADTIR	AGAP010895-PA	-	67	3.34E-06	1	2019.965	1.7	Male reproductive organs	3L:+:12737974-12738024	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_84162	LISESDGVEQWIGEKER	AGAP010895-PA	-	101	1.57E-09	1	1974.983	2.99	Malpighian tubule	3L:+:12735625-12735675	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_84523	KHQSLNTEIDNHEPR	AGAP010895-PA	-	35	0.004428552	1	1817.888	-0.48	Head	3L:+:12737656-12737700	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_84694	NFDELETSTK	AGAP010895-PA	-	45	0.000344661	2	1183.548	0.31	Ovary	3L:+:12737155-12737184	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_85033	LISESDGVEQWIGEK	AGAP010895-PA	-	125	6.45E-12	1	1689.834	0.63	Head	3L:+:12735625-12735669	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_85555	LAAIDNR	AGAP010895-PA	-	52	9.41E-05	2	772.435	4.4	Ovary	3L:+:12735535-12735555	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_85681	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	M1(Oxidation)	40	0.001529269	1	2265.126	1.54	Male reproductive organs	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_85711	HFVNSLVGVQQQLAQFSNYR	AGAP010895-PA	-	79	1.36E-07	2	2335.202	3.19	Visceras	3L:+:12734047-12734106	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_85722	FQIQDITIEETDNKETK	AGAP010895-PA	-	40	0.001605603	1	2052.018	2.19	Salivary gland	3L:+:12733471-12733476,12733537-12733581	exon=> In CDS Exon 2 and 3 of transcript AGAP010895-PA
JHU_Ag_86039	LEDAYAELCK	AGAP010895-PA	C9(Carbamidomethyl)	66	3.04E-06	2	1211.561	-0.19	Male reproductive organs	3L:+:12734911-12734940	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_86099	FSALER	AGAP010895-PA	-	42	0.00062406	2	722.383	-0.64	Head	3L:+:12739390-12739407	exon=> In CDS Exon 4 of transcript AGAP010895-PA
JHU_Ag_86509	LLDAEDIFVDHPDEK	AGAP010895-PA	-	126	3.84E-12	1	1755.852	4.74	Malpighian tubule	3L:+:12733810-12733854	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_86676	AAAEAEAEAIR	AGAP010895-PA	-	91	8.23E-09	2	1101.554	-0.03	Head	3L:+:12739583-12739615	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_86865	HQAFEAEIAANK	AGAP010895-PA	-	42	0.000794822	2	1328.664	3.36	Salivary gland	3L:+:12737020-12737055	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_87021	EVDDLEQWITDR	AGAP010895-PA	-	71	1.08E-06	2	1518.713	4.13	Visceras	3L:+:12738193-12738228	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_87672	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	Q15(Deamidated)	122	6.88E-12	1	2059.071	2.14	Midgut	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_87760	TAPSDVLEPIVEK	AGAP010895-PA	-	68	1.60E-06	2	1397.759	4.93	Malpighian tubule	3L:+:12737419-12737457	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_87866	QAEVLLSQQEHVLSKDDTPVNLEQAENQLK	AGAP010895-PA	-	41	0.000523719	1	3403.741	2.06	Head	3L:+:12736612-12736701	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_87922	FFHDCKDVLGR	AGAP010895-PA	C5(Carbamidomethyl)	40	0.001591436	1	1393.669	0.43	Ovary	3L:+:12738505-12738537	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_87958	LIDEGHEDAGSYADLISQLTQK	AGAP010895-PA	-	81	1.23E-07	1	2403.168	0.23	Malpighian tubule	3L:+:12737731-12737796	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_87968	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	-	63	5.24E-06	1	2059.066	-0.24	Pupa	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_88499	IHCLENVDK	AGAP010895-PA	C3(Carbamidomethyl)	69	1.43E-06	1	1127.548	-3.12	Head	3L:+:12733330-12733356	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_88662	QVLLSQGLDQQLFNR	AGAP010895-PA	-	102	6.21E-10	2	1758.952	1.51	Male reproductive organs	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_89101	DVEDEK	AGAP010895-PA	-	45	0.000326038	1	734.322	2.55	Malpighian tubule	3L:+:12737557-12737574	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_89637	TNPIQNLNNAFNVAEEK	AGAP010895-PA	N2(Deamidated)	104	6.67E-10	2	1915.951	0.03	Midgut	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_89679	AQCELDASGEGR	AGAP010895-PA	C3(Carbamidomethyl)	81	4.41E-08	1	1292.553	-0.27	Male reproductive organs	3L:+:12743724-12743759	exon=> In CDS Exon 8 of transcript AGAP010895-PA
JHU_Ag_90081	LLDALSLYK	AGAP010895-PA	-	62	1.82E-06	1	1035.609	0.76	Malpighian tubule	3L:+:12735598-12735624	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_90250	TLMLWMEDVVR	AGAP010895-PA	M3(Oxidation), M6(Oxidation)	48	0.000222193	2	1424.692	0.44	Male reproductive organs	3L:+:12738841-12738873	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_90477	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	-	77	3.12E-07	2	1938.980	-0.23	Male reproductive organs	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_90610	LEAEAAAAR	AGAP010895-PA	-	52	0.000100025	2	901.472	-1.59	Head	3L:+:12739556-12739582	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_90634	NYAETIEQLHAQAK	AGAP010895-PA	-	110	1.55E-10	1	1615.812	2.51	Malpighian tubule	3L:+:12735448-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_90750	HRPDLIQFDK	AGAP010895-PA	Q7(Deamidated)	64	4.00E-06	2	1268.672	-2.05	Head	3L:+:12733705-12733734	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_91284	TAPSDVLEPIVEKK	AGAP010895-PA	-	52	4.19E-05	2	1525.846	-0.76	Salivary gland	3L:+:12737419-12737460	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_91732	DAADAPGSPHSTR	AGAP010895-PA	-	38	0.001648604	1	1281.583	0.54	Ovary	3L:+:12739640-12739678	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_91754	HSLVEADINVLGDR	AGAP010895-PA	-	86	3.15E-08	1	1537.801	2.83	Malpighian tubule	3L:+:12734770-12734811	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_91783	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	-	135	3.16E-13	1	2059.071	2.25	Visceras	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_91896	RQDAAEEAER	AGAP010895-PA	-	51	7.78E-05	2	1174.544	-0.66	Salivary gland	3L:+:12739520-12739549	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_92160	AQCELDASGEGR	AGAP010895-PA	C3(Carbamidomethyl)	35	0.001739253	2	1292.558	3.03	Malpighian tubule	3L:+:12743724-12743759	exon=> In CDS Exon 8 of transcript AGAP010895-PA
JHU_Ag_92257	GNLEVLLFTLQSK	AGAP010895-PA	-	89	4.61E-09	2	1461.835	2.51	Pupa	3L:+:12734140-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_92420	KHEAIETDIFAYEER	AGAP010895-PA	-	63	7.24E-06	1	1850.897	2.64	Salivary gland	3L:+:12734449-12734493	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_92673	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	-	133	7.23E-13	1	1938.990	4.62	Pupa	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_92767	YITAQDDTYR	AGAP010895-PA	-	42	0.000540034	1	1245.576	1.28	Male reproductive organs	3L:+:12736957-12736986	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_92775	NALLHR	AGAP010895-PA	-	38	0.00072241	2	723.423	-3.95	Head	3L:+:12739075-12739092	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_93016	QVLLSQGLDQQLFNR	AGAP010895-PA	-	102	6.72E-10	1	1758.946	-2.03	Midgut	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_93383	QAEVLLSQQEHVLSK	AGAP010895-PA	-	108	9.83E-11	1	1708.928	3.15	Head	3L:+:12736612-12736656	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_93484	FQIQDITIEETDNKETK	AGAP010895-PA	-	106	4.19E-10	1	2052.016	1.42	Head	3L:+:12733471-12733476,12733537-12733581	exon=> In CDS Exon 2 and 3 of transcript AGAP010895-PA
JHU_Ag_93598	QVLLSQGLDQQLFNR	AGAP010895-PA	-	117	1.73E-11	2	1758.957	4.29	Salivary gland	3L:+:12736558-12736602	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_93737	FSALER	AGAP010895-PA	-	44	0.000583919	2	722.384	1.39	Male reproductive organs	3L:+:12739390-12739407	exon=> In CDS Exon 4 of transcript AGAP010895-PA
JHU_Ag_93800	DHFDADKITK	AGAP010895-PA	-	74	5.94E-07	1	1189.585	0.35	Head	3L:+:12736789-12736818	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_94089	VAVVNQLAR	AGAP010895-PA	-	54	1.70E-05	2	969.586	1.88	Malpighian tubule	3L:+:12735778-12735804	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_94179	DAADAPGSPHSTR	AGAP010895-PA	-	37	0.002613794	2	1281.593	8.44	Midgut	3L:+:12739640-12739678	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_94372	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	-	135	5.11E-13	1	1938.982	0.65	Salivary gland	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_94552	HQAFEAEIAANK	AGAP010895-PA	-	97	2.29E-09	1	1328.658	-0.68	Head	3L:+:12737020-12737055	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_94787	ALELHEK	AGAP010895-PA	-	44	0.000257558	2	839.464	2.57	Malpighian tubule	3L:+:12736864-12736884	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_94846	ANGIADDLIHAGHSDSATIAEWK	AGAP010895-PA	-	97	3.01E-09	1	2392.152	-0.19	Midgut	3L:+:12738349-12738417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_94903	LAAIDNR	AGAP010895-PA	-	58	2.35E-05	2	772.431	-0.34	Malpighian tubule	3L:+:12735535-12735555	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_95126	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	134	6.96E-13	1	2424.146	2.75	Head	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_95163	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	-	100	1.54E-09	1	2018.946	2.95	Salivary gland	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_96028	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	90	1.70E-08	1	2424.138	-0.5	Ovary	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_96037	ALESEIQSHEPQLMAVSEVGDELVR	AGAP010895-PA	M14(Oxidation)	59	2.10E-05	1	2782.371	5.17	Salivary gland	3L:+:12735109-12735183	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_96162	LEQLAAR	AGAP010895-PA	-	41	0.001163659	2	800.462	-0.62	Midgut	3L:+:12734320-12734340	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_96318	FLVDEEDNYKPCDPSIIVDR	AGAP010895-PA	C12(Carbamidomethyl)	108	2.74E-10	1	2424.142	1.09	Male reproductive organs	3L:+:12734842-12734901	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_97050	ELALREELIR	AGAP010895-PA	-	52	4.02E-05	1	1241.721	-0.53	Midgut	3L:+:12734281-12734310	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_97562	TNPIQNLNNAFNVAEEK	AGAP010895-PA	-	108	2.72E-10	1	1915.954	1.44	Ovary	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_97570	HSLVEADINVLGDR	AGAP010895-PA	-	93	5.45E-09	2	1537.804	4.81	Salivary gland	3L:+:12734770-12734811	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_97804	LLNQHQSIREEIDNYTEDYK	AGAP010895-PA	-	95	5.18E-09	1	2508.213	4.93	Midgut	3L:+:12736363-12736422	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_97928	DAGVVSALQR	AGAP010895-PA	-	78	2.32E-07	2	1015.552	-0.71	Head	3L:+:12738580-12738609	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_98423	GNLEVLLFTLQSK	AGAP010895-PA	-	53	2.11E-05	2	1461.838	4.34	Salivary gland	3L:+:12734140-12734178	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_98520	AQCELDASGEGR	AGAP010895-PA	C3(Carbamidomethyl)	48	8.10E-05	2	1292.554	0.48	Ovary	3L:+:12743724-12743759	exon=> In CDS Exon 8 of transcript AGAP010895-PA
JHU_Ag_99048	FNEFAQDTATVGSER	AGAP010895-PA	-	116	2.77E-11	1	1671.761	-0.11	Malpighian tubule	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_99523	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	N6(Deamidated)	135	5.24E-13	1	1938.984	1.85	Midgut	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_99902	SAHGVQTFYIECR	AGAP010895-PA	C12(Carbamidomethyl)	81	1.20E-07	1	1567.735	1.94	Malpighian tubule	3L:+:12735922-12735960	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_100060	ARLDEALQLFMLSR	AGAP010895-PA	M11(Oxidation)	44	0.000414606	3	1678.894	-0.13	Male reproductive organs	3L:+:12738151-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_100461	DLDHFQAWLTK	AGAP010895-PA	-	77	3.12E-07	1	1373.684	-0.37	Male reproductive organs	3L:+:12736273-12736305	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_100897	EDNFSACLALGK	AGAP010895-PA	C7(Carbamidomethyl)	67	2.69E-06	2	1324.622	0.95	Head	3L:+:12738967-12739002	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101038	HFVNSLVGVQQQLAQFSNYR	AGAP010895-PA	-	115	3.48E-11	1	2335.206	4.99	Ovary	3L:+:12734047-12734106	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101044	FFNMVR	AGAP010895-PA	M4(Oxidation)	38	0.000891849	2	829.400	-2.64	Head	3L:+:12738823-12738840	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101058	ETWLSENQR	AGAP010895-PA	-	50	0.000135011	1	1162.548	-0.33	Salivary gland	3L:+:12734365-12734391	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101129	FNEFAQDTATVGSER	AGAP010895-PA	-	108	2.14E-10	2	1671.765	2.3	Salivary gland	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101254	LLDAEDIFVDHPDEK	AGAP010895-PA	-	125	4.37E-12	1	1755.848	2.72	Midgut	3L:+:12733810-12733854	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101445	RLTLNEPEQER	AGAP010895-PA	-	49	0.000168884	1	1384.722	3.15	Midgut	3L:+:12735490-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101497	LAAIDNR	AGAP010895-PA	-	49	0.00019024	2	772.432	0.76	Salivary gland	3L:+:12735535-12735555	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101521	TQTDVASEDTPTSLPEAEK	AGAP010895-PA	Q2(Deamidated)	154	6.06E-15	1	2018.940	-0.01	Head	3L:+:12736306-12736362	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_101556	EIIEPK	AGAP010895-PA	-	28	0.004858631	2	728.418	-1.16	Head	3L:+:12737119-12737136	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_102100	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	M1(Oxidation)	109	2.36E-10	1	2265.123	0.25	Midgut	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_102105	HFVNSLVGVQQQLAQFSNYR	AGAP010895-PA	-	135	3.60E-13	1	2335.204	4.12	Malpighian tubule	3L:+:12734047-12734106	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_102142	LIDEGHEDAGSYADLISQLTQK	AGAP010895-PA	-	68	2.36E-06	1	2403.168	0	Midgut	3L:+:12737731-12737796	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_102495	LTALENEADAIEGDHPEEAALIR	AGAP010895-PA	-	128	2.36E-12	1	2477.226	4.13	Ovary	3L:+:12736099-12736167	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_102737	GALLFDAKR	AGAP010895-PA	-	52	4.82E-05	2	990.576	2.48	Malpighian tubule	3L:+:12737191-12737217	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_103178	VQAVVAVCNELEAEKYHDIER	AGAP010895-PA	C8(Carbamidomethyl)	36	0.004049047	1	2472.215	-1.76	Male reproductive organs	3L:+:12734494-12734556	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_103297	EVDDLEQWITDR	AGAP010895-PA	-	47	0.000292653	2	1518.708	0.6	Pupa	3L:+:12738193-12738228	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_103484	DDTPVNLEQAENQLK	AGAP010895-PA	Q9(Deamidated)	112	1.00E-10	1	1713.834	3.04	Head	3L:+:12736657-12736701	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_103521	FNEFAQDTATVGSER	AGAP010895-PA	-	119	1.61E-11	1	1671.764	1.78	Ovary	3L:+:12738295-12738339	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_103817	ANNQKPYTPK	AGAP010895-PA	-	48	0.000304383	1	1160.610	3.26	Malpighian tubule	3L:+:12734185-12734214	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_104102	HQAFEAEIAANK	AGAP010895-PA	-	60	1.32E-05	2	1328.644	-11.34	Malpighian tubule	3L:+:12737020-12737055	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_104178	ALQFLR	AGAP010895-PA	-	39	0.000789785	2	747.451	0.24	Male reproductive organs	3L:+:12733357-12733374	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_104364	LEDAYAELCK	AGAP010895-PA	C9(Carbamidomethyl)	73	5.25E-07	2	1211.560	-1.3	Midgut	3L:+:12734911-12734940	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_104437	MINEYESLTSELLK	AGAP010895-PA	M1(Oxidation)	96	4.10E-09	2	1669.841	3.07	Head	3L:+:12733969-12734010	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_104783	KHEWESTTK	AGAP010895-PA	-	57	2.21E-05	1	1145.562	2.79	Malpighian tubule	3L:+:12743266-12743292	exon=> In CDS Exon 6 of transcript AGAP010895-PA
JHU_Ag_105693	EQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	112	4.31E-11	1	2395.280	3.3	Head	3L:+:12735037-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_105778	ALQFLR	AGAP010895-PA	-	38	0.001189896	2	747.453	3.02	Malpighian tubule	3L:+:12733357-12733374	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_105968	HQAFEAEIAANKER	AGAP010895-PA	-	44	0.000682527	1	1613.802	-0.9	Ovary	3L:+:12737020-12737061	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_106253	LQAAYAGEK	AGAP010895-PA	-	43	0.00080334	1	950.494	0.12	Head	3L:+:12738685-12738711	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_106352	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	-	67	2.32E-06	1	2059.067	0.12	Salivary gland	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_106711	KHEAIETDIFAYEER	AGAP010895-PA	-	98	2.55E-09	1	1850.904	6.61	Malpighian tubule	3L:+:12734449-12734493	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_106792	HSLVEADINVLGDR	AGAP010895-PA	-	108	1.89E-10	2	1537.799	1.4	Pupa	3L:+:12734770-12734811	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_106882	TAPSDVLEPIVEK	AGAP010895-PA	-	87	2.14E-08	1	1397.755	1.96	Head	3L:+:12737419-12737457	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_106922	DLDHFQAWLTK	AGAP010895-PA	-	38	0.002755419	2	1373.693	5.85	Larva	3L:+:12736273-12736305	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_107245	DGLAFNAIIHK	AGAP010895-PA	-	64	2.82E-06	1	1198.658	-0.05	Visceras	3L:+:12733672-12733704	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_107618	EQIVSADEIGHDLTTVNLLLSK	AGAP010895-PA	-	78	1.11E-07	2	2395.277	2.21	Midgut	3L:+:12735037-12735102	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_107627	EVVAGSHELGQDYDHITLLWER	AGAP010895-PA	-	186	3.69E-18	1	2567.261	3.4	Head	3L:+:12738229-12738294	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_107906	AAAEAEAEAIRQQEAAAAR	AGAP010895-PA	-	125	4.70E-12	1	1926.964	0.48	Ovary	3L:+:12739583-12739639	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_107910	VAVVNQLAR	AGAP010895-PA	-	43	0.000189264	2	969.583	-1.58	Visceras	3L:+:12735778-12735804	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_107994	GAQIEIASDYTK	AGAP010895-PA	-	70	1.49E-06	2	1295.648	0.51	Male reproductive organs	3L:+:12743510-12743545	exon=> In CDS Exon 7 of transcript AGAP010895-PA
JHU_Ag_108042	LADTGDLFK	AGAP010895-PA	-	49	0.000227445	2	979.509	-0.41	Salivary gland	3L:+:12738796-12738822	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_108308	ANGIADDLIHAGHSDSATIAEWK	AGAP010895-PA	-	101	1.18E-09	1	2392.161	3.18	Salivary gland	3L:+:12738349-12738417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_108447	YITAQDDTYR	AGAP010895-PA	-	63	4.48E-06	1	1245.579	3.63	Malpighian tubule	3L:+:12736957-12736986	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_108506	MPLAESTEYGNSLFNVHVLK	AGAP010895-PA	-	110	1.63E-10	1	2249.128	0.54	Pupa	3L:+:12737593-12737652	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_108603	QLLHVEHPNSPEIIER	AGAP010895-PA	Q1(Deamidated)	97	2.16E-09	1	1911.012	1.74	Head	3L:+:12735805-12735852	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_108716	TAPSDVLEPIVEKK	AGAP010895-PA	-	63	3.38E-06	2	1525.852	3.32	Head	3L:+:12737419-12737460	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_109040	HSLVEADINVLGDRVK	AGAP010895-PA	-	96	1.47E-09	1	1764.974	7.99	Malpighian tubule	3L:+:12734770-12734817	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_109122	YITAQDDTYR	AGAP010895-PA	-	54	3.72E-05	2	1245.575	0.1	Ovary	3L:+:12736957-12736986	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_109555	SAHGVQTFYIECR	AGAP010895-PA	C12(Carbamidomethyl)	63	6.93E-06	2	1567.731	-0.71	Male reproductive organs	3L:+:12735922-12735960	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_109995	LVSSEDVGRDEANVQSLLK	AGAP010895-PA	-	108	1.69E-10	1	2059.075	3.92	Malpighian tubule	3L:+:12735361-12735417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_110226	LEEAGDLHR	AGAP010895-PA	-	60	1.53E-05	2	1039.517	0.37	Head	3L:+:12736237-12736263	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_110408	KHQSLNTEIDNHEPR	AGAP010895-PA	-	42	0.000948825	1	1817.891	0.99	Male reproductive organs	3L:+:12737656-12737700	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_110707	QLTTEQHAYSDQVSVK	AGAP010895-PA	-	37	0.003525318	1	1833.895	-1.62	Midgut	3L:+:12738046-12738093	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_110853	LTLNEPEQER	AGAP010895-PA	-	44	0.000455186	2	1228.616	-1.09	Pupa	3L:+:12735493-12735522	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_111166	FFNMVR	AGAP010895-PA	M4(Oxidation)	36	0.001256491	2	829.402	-0.58	Male reproductive organs	3L:+:12738823-12738840	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_111408	LDEALQLFMLSR	AGAP010895-PA	M9(Oxidation)	76	3.18E-07	2	1451.758	0.87	Ovary	3L:+:12738157-12738192	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_112030	LTTFELK	AGAP010895-PA	-	37	0.00083952	2	851.487	-0.41	Midgut	3L:+:12739408-12739416,12739496-12739507	exon=> In CDS Exon 4 and 5 of transcript AGAP010895-PA
JHU_Ag_112070	DVEDEKLWIDEK	AGAP010895-PA	-	89	2.03E-08	1	1518.735	1.47	Salivary gland	3L:+:12737557-12737592	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_112162	DAADAPGSPHSTR	AGAP010895-PA	-	89	1.36E-08	1	1281.582	-0.13	Malpighian tubule	3L:+:12739640-12739678	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_112212	LIDEGHEDAGSYADLISQLTQK	AGAP010895-PA	-	73	8.57E-07	1	2403.170	0.91	Male reproductive organs	3L:+:12737731-12737796	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_112527	LHEAK	AGAP010895-PA	-	30	0.002936861	1	597.335	-0.41	Head	3L:+:12737062-12737076	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_112763	TNPIQNLNNAFNVAEEK	AGAP010895-PA	Q5(Deamidated),N8(Deamidated),N2(Deamidated)	143	8.74E-14	1	1915.952	0.73	Head	3L:+:12733744-12733794	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_112830	LVSTDNFGFDLAAVEAAAK	AGAP010895-PA	-	155	4.28E-15	1	1938.983	1.34	Head	3L:+:12734392-12734448	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_113033	ALESEIQSHEPQLMAVSEVGDELVR	AGAP010895-PA	M14(Oxidation)	76	3.86E-07	1	2782.358	0.56	Midgut	3L:+:12735109-12735183	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_113283	NYAETIEQLHAQAK	AGAP010895-PA	-	89	1.93E-08	1	1615.817	5.91	Ovary	3L:+:12735448-12735489	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_113450	ANGIADDLIHAGHSDSATIAEWK	AGAP010895-PA	-	105	4.43E-10	1	2392.161	3.49	Ovary	3L:+:12738349-12738417	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_113788	HQSLNTEIDNHEPR	AGAP010895-PA	-	52	9.28E-05	1	1689.799	2.88	Malpighian tubule	3L:+:12737659-12737700	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_113855	AAQELMVEKPEFK	AGAP010895-PA	M6(Oxidation)	63	9.90E-06	1	1535.778	0.33	Male reproductive organs	3L:+:12737080-12737118	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_114328	GAQIEIASDYTK	AGAP010895-PA	-	81	1.10E-07	2	1295.648	0.23	Head	3L:+:12743510-12743545	exon=> In CDS Exon 7 of transcript AGAP010895-PA
JHU_Ag_114411	VQAVVAVCNELEAEK	AGAP010895-PA	C8(Carbamidomethyl)	84	4.81E-08	2	1658.846	2.33	Salivary gland	3L:+:12734494-12734538	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_114949	ALQFLR	AGAP010895-PA	-	36	0.001816929	2	747.451	-0.66	Ovary	3L:+:12733357-12733374	exon=> In CDS Exon 2 of transcript AGAP010895-PA
JHU_Ag_115401	QLTTEQHAYSDQVSVK	AGAP010895-PA	-	79	2.21E-07	2	1833.905	3.78	Malpighian tubule	3L:+:12738046-12738093	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_115549	DVEDEKLWIDEK	AGAP010895-PA	-	96	4.83E-09	1	1518.732	-0.06	Midgut	3L:+:12737557-12737592	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_115677	HSLVEADINVLGDR	AGAP010895-PA	-	107	2.53E-10	2	1537.800	1.71	Midgut	3L:+:12734770-12734811	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_116138	VQAVVAVCNELEAEKYHDIER	AGAP010895-PA	C8(Carbamidomethyl)	127	2.80E-12	1	2472.222	1.4	Head	3L:+:12734494-12734556	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_116153	LADTGDLFK	AGAP010895-PA	-	35	0.004921755	1	979.511	1.04	Head	3L:+:12738796-12738822	exon=> In CDS Exon 3 of transcript AGAP010895-PA

JHU_Ag_116353	AAAEAEAEAIRQQEAAAAR	AGAP010895-PA	-	113	7.18E-11	1	1926.963	0.1	Male reproductive organs	3L:+:12739583-12739639	exon=> In CDS Exon 5 of transcript AGAP010895-PA
JHU_Ag_116664	AQCELDASGEGR	AGAP010895-PA	C3(Carbamidomethyl)	86	1.31E-08	1	1292.554	0.67	Head	3L:+:12743724-12743759	exon=> In CDS Exon 8 of transcript AGAP010895-PA
JHU_Ag_116673	QVEELDKQTEVLTK	AGAP010895-PA	-	73	6.59E-07	1	1659.886	3.62	Malpighian tubule	3L:+:12737377-12737418	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_117043	LADTGDLFKFFNMVR	AGAP010895-PA	M13(Oxidation)	70	1.45E-06	1	1789.905	5.97	Malpighian tubule	3L:+:12738796-12738840	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_117182	LLNQHQSIR	AGAP010895-PA	-	58	1.27E-05	1	1108.623	0.7	Pupa	3L:+:12736363-12736389	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_117794	DSKLEEAGDLHR	AGAP010895-PA	-	33	0.005810453	1	1369.673	1.88	Malpighian tubule	3L:+:12736228-12736263	exon=> In CDS Exon 3 of transcript AGAP010895-PA
JHU_Ag_55805	KHEAFEK	AGAP010895-PA,AGAP004440-PA,AGAP004440-PC	-	39	0.002419854	1	888.457	-0.86	Head	3L:+:12739345-12739365;2R:+:56077364-56077384;2R:+:56077364-56077384	exon=> In CDS Exon 4 of transcript AGAP010895-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PA;exon=> In CDS Exon 7 of transcript AGAP004440-PC
JHU_Ag_12979	SSETAFTDLYR	AGAP010896-PA	-	66	2.86E-06	2	1289.597	-2.64	Midgut	3L:+:12767287-12767319	exon=> In CDS Exon 5 of transcript AGAP010896-PA
JHU_Ag_14933	ADFQTELDIR	AGAP010896-PA	-	50	0.00015685	2	1207.599	3.32	Salivary gland	3L:+:12767005-12767034	exon=> In CDS Exon 4 of transcript AGAP010896-PA
JHU_Ag_25929	VMQQDPFVQHPFAVAVLK	AGAP010896-PA	M2(Oxidation)	41	0.000753886	1	2070.085	0.36	Male reproductive organs	3L:+:12769082-12769135	exon=> In CDS Exon 6 of transcript AGAP010896-PA
JHU_Ag_34901	VMQQDPFVQHPFAVAVLK	AGAP010896-PA	M2(Oxidation)	31	0.008888029	1	2070.080	-2.12	Midgut	3L:+:12769082-12769135	exon=> In CDS Exon 6 of transcript AGAP010896-PA
JHU_Ag_35150	TFLVLDKR	AGAP010896-PA	-	36	0.001059772	2	991.594	0.07	Male reproductive organs	3L:+:12766506-12766529	exon=> In CDS Exon 2 of transcript AGAP010896-PA
JHU_Ag_41194	NVIAIEFDQKR	AGAP010896-PA	-	64	6.37E-06	1	1332.708	-14.56	Midgut	3L:+:12768533-12768565	exon=> In CDS Exon 6 of transcript AGAP010896-PA
JHU_Ag_47444	YNTIVFIDPR	AGAP010896-PA	-	52	7.05E-05	2	1237.658	-0.06	Midgut	3L:+:12766303-12766311,12766383-12766403	exon=> In CDS Exon 1 and 2 of transcript AGAP010896-PA
JHU_Ag_50496	APETDDEGALLNCGK	AGAP010896-PA	C13(Carbamidomethyl)	77	1.84E-07	2	1589.715	2.43	Male reproductive organs	3L:+:12767449-12767493	exon=> In CDS Exon 5 of transcript AGAP010896-PA
JHU_Ag_55159	TAPGVIMAAGVVGK	AGAP010896-PA	-	36	0.002532371	2	1270.717	-1.11	Midgut	3L:+:12767648-12767689	exon=> In CDS Exon 6 of transcript AGAP010896-PA
JHU_Ag_69373	GEDEENCPSHK	AGAP010896-PA	C7(Carbamidomethyl)	53	8.15E-06	1	1301.506	-0.04	Malpighian tubule	3L:+:12770438-12770470	exon=> In CDS Exon 8 of transcript AGAP010896-PA
JHU_Ag_75161	VMQQDPFVQHPFAVAVLK	AGAP010896-PA	M2(Oxidation)	82	5.43E-08	1	2070.097	6.02	Larva	3L:+:12769082-12769135	exon=> In CDS Exon 6 of transcript AGAP010896-PA
JHU_Ag_79142	YNTIVFIDPR	AGAP010896-PA	-	58	1.80E-05	2	1237.658	0.24	Male reproductive organs	3L:+:12766303-12766311,12766383-12766403	exon=> In CDS Exon 1 and 2 of transcript AGAP010896-PA
JHU_Ag_86891	GEDEENCPSHK	AGAP010896-PA	C7(Carbamidomethyl)	37	0.000280781	2	1301.505	-0.79	Midgut	3L:+:12770438-12770470	exon=> In CDS Exon 8 of transcript AGAP010896-PA
JHU_Ag_98182	SFLWSSGDGVPIHLYVER	AGAP010896-PA	-	57	2.72E-05	1	2062.039	-0.29	Midgut	3L:+:12766679-12766732	exon=> In CDS Exon 3 of transcript AGAP010896-PA
JHU_Ag_102814	APETDDEGALLNCGK	AGAP010896-PA	C13(Carbamidomethyl)	101	7.20E-10	2	1589.709	-1.33	Midgut	3L:+:12767449-12767493	exon=> In CDS Exon 5 of transcript AGAP010896-PA
JHU_Ag_105449	SSETAFTDLYR	AGAP010896-PA	-	65	3.09E-06	2	1289.601	0.11	Male reproductive organs	3L:+:12767287-12767319	exon=> In CDS Exon 5 of transcript AGAP010896-PA
JHU_Ag_81967	GAAYEISVSTDIPNAQAVR	AGAP010897-PA	-	52	8.56E-05	2	1962.006	6.75	Malpighian tubule	3L:+:12773756-12773812	exon=> In CDS Exon 3 of transcript AGAP010897-PA
JHU_Ag_86888	TDQYALLQWDEPK	AGAP010897-PA	-	42	0.001008763	2	1606.778	1.68	Male reproductive organs	3L:+:12773138-12773176	exon=> In CDS Exon 1 of transcript AGAP010897-PA

JHU_Ag_91319	TDQYALLQWDEPK	AGAP010897-PA	-	51	0.000121697	2	1606.775	-0.15	Midgut	3L:+:12773138-12773176	exon=> In CDS Exon 1 of transcript AGAP010897-PA
JHU_Ag_1769	GIDCLGMIR	AGAP010899-PA	C4(Carbamidomethyl), M7(Oxidation)	63	7.94E-06	1	1050.510	2.32	Larva	3L:-:12788422-12788396	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_11589	FLLPEAIELLSTYYK	AGAP010899-PA	-	59	1.05E-05	1	1799.986	1.86	Larva	3L:-:12787424-12787740,12786986-12787325	exon=> In CDS Exon 4 and 3 of transcript AGAP010899-PA
JHU_Ag_28036	ANQSPHLAILQTAFVR	AGAP010899-PA	-	96	1.60E-09	1	1765.975	2.09	Larva	3L:-:12788137-12788090	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_32188	YNGFPAVVQIQPLAFQLPSSK	AGAP010899-PA	-	91	4.19E-09	1	2304.247	3.52	Larva	3L:-:12787105-12787043	exon=> In CDS Exon 4 of transcript AGAP010899-PA
JHU_Ag_48522	SYMLEQQLIYPASTATNDYSATINPSVINSHTTAAFR	AGAP010899-PA	M3(Oxidation)	117	1.77E-11	1	4091.978	2.93	Larva	3L:-:12787945-12787835	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_53943	TPNDACYLTGDGR	AGAP010899-PA	C6(Carbamidomethyl)	102	4.86E-10	1	1439.626	2.52	Larva	3L:-:12788176-12788138	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_60130	HLNIAQYQHIVYNEWLPNFLGR	AGAP010899-PA	-	61	7.42E-06	1	2725.411	4.2	Larva	3L:-:12788011-12787946	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_67340	GLTTQPMGLHDTSLDPATK	AGAP010899-PA	M7(Oxidation)	85	4.57E-08	1	1998.982	1.15	Larva	3L:-:12787631-12787575	exon=> In CDS Exon 3 of transcript AGAP010899-PA
JHU_Ag_68564	DQLPCCANGR	AGAP010899-PA	C5(Carbamidomethyl), C6(Carbamidomethyl), N8(Deamidated)	49	3.97E-05	2	1191.493	3.82	Larva	3L:-:12788524-12788495	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_70733	TLTTCDENPATCTR	AGAP010899-PA	C5(Carbamidomethyl), C12(Carbamidomethyl)	81	4.00E-08	2	1639.708	1.87	Larva	3L:-:12788395-12788354	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_84045	DHGLPGYNDFVFYCFR	AGAP010899-PA	C14(Carbamidomethyl)	57	1.67E-05	2	2006.895	4.85	Larva	3L:-:12787505-12787458	exon=> In CDS Exon 3 of transcript AGAP010899-PA
JHU_Ag_84052	YADLLR	AGAP010899-PA	-	44	0.000409668	2	750.416	2.09	Larva	3L:-:12787649-12787632	exon=> In CDS Exon 3 of transcript AGAP010899-PA
JHU_Ag_88076	IALDIQR	AGAP010899-PA	-	37	0.001610979	1	828.498	5.54	Larva	3L:-:12788077-12788057	exon=> In CDS Exon 2 of transcript AGAP010899-PA
JHU_Ag_88157	AASWDDYNK	AGAP010899-PA	-	40	0.000622524	1	1069.463	4.33	Larva	3L:-:12787451-12787425	exon=> In CDS Exon 3 of transcript AGAP010899-PA
JHU_Ag_107519	SVDDLDLSVGLAFEK	AGAP010899-PA	-	112	8.22E-11	1	1607.822	3.39	Larva	3L:-:12787324-12787280	exon=> In CDS Exon 4 of transcript AGAP010899-PA
JHU_Ag_107692	IDINDHTNNPTILEQAVDR	AGAP010899-PA	N4(Deamidated),N9(Deamidated),N8(Deamidated)	117	3.30E-11	1	2178.087	3.82	Larva	3L:-:12787706-12787650	exon=> In CDS Exon 3 of transcript AGAP010899-PA
JHU_Ag_111822	TFDGTCNNVQNPSWGAANTLFAR	AGAP010899-PA	C6(Carbamidomethyl)	89	1.61E-08	2	2541.167	3.79	Larva	3L:-:12788850-12788782	exon=> In CDS Exon 1 of transcript AGAP010899-PA
JHU_Ag_115008	FFYENGNLFTPR	AGAP010899-PA	N5(Deamidated)	71	9.53E-07	2	1505.711	3.14	Larva	3L:-:12787198-12787163	exon=> In CDS Exon 4 of transcript AGAP010899-PA
JHU_Ag_17360	AVDTAFSSVR	AGAP010900-PA	-	78	2.09E-07	1	1052.538	0.59	Pupa	3L:-:12795913-12795884	exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_36953	TIVSSPAVGATHESTIR	AGAP010900-PA	-	67	2.19E-06	2	1725.911	-0.95	Larva	3L:-:12795997-12795947	exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_39720	AVDTAFSSVRK	AGAP010900-PA	-	34	0.004126501	2	1180.631	-0.93	Pupa	3L:-:12795913-12795881	exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_48190	AVDTAFSSVR	AGAP010900-PA	-	71	8.61E-07	2	1052.539	1.51	Larva	3L:-:12795913-12795884	exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_70325	TISYAAPQVYAAPQVYAAAPVAK	AGAP010900-PA	-	49	8.23E-05	1	2350.249	2	Larva	3L:-:12796066-12795998	exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_83171	TISYAAPQVYAAPQVYAAAPVAK	AGAP010900-PA	-	98	1.19E-09	1	2350.247	1.3	Pupa	3L:-:12796066-12795998	exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_111174	TIVSSPAVGATHESTIR	AGAP010900-PA	-	131	9.57E-13	1	1725.909	-2.36	Pupa	3L:-:12795997-12795947	exon=> In CDS Exon 2 of transcript AGAP010900-PA

JHU_Ag_4738	ITNELPK	AGAP010900-PA,AGAP010901-PA	-	41	0.000751297	2	814.468	1.32	Larva	3L:-:12795868-12795848;3L:-:12800997-12800977	exon=> In CDS Exon 2 of transcript AGAP010900-PA;exon=> In CDS Exon 2 of transcript AGAP010901-PA
JHU_Ag_13820	TYVSSPAVGATHESTIR	AGAP010901-PA	-	61	1.43E-05	2	1775.896	2.1	Head	3L:-:12801126-12801076	exon=> In CDS Exon 2 of transcript AGAP010901-PA
JHU_Ag_47255	TYVSSPAVGATHESTIR	AGAP010901-PA	-	80	1.61E-07	1	1775.892	-0.44	Pupa	3L:-:12801126-12801076	exon=> In CDS Exon 2 of transcript AGAP010901-PA
JHU_Ag_55104	TVSYAAPQVYAAPQVYAAAPVTK	AGAP010901-PA	-	71	5.98E-07	1	2366.245	2.64	Pupa	3L:-:12801195-12801127	exon=> In CDS Exon 2 of transcript AGAP010901-PA
JHU_Ag_90024	AVDTPYSSVR	AGAP010901-PA	-	44	0.00060345	2	1094.548	0.63	Pupa	3L:-:12801042-12801013	exon=> In CDS Exon 2 of transcript AGAP010901-PA
JHU_Ag_56617	ITNELPK	AGAP010901-PA,AGAP010900-PA	-	43	0.00052217	1	814.467	-0.03	Pupa	3L:-:12800997-12800977;3L:-:12795868-12795848	exon=> In CDS Exon 2 of transcript AGAP010901-PA;exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_80999	LAYAAPVAK	AGAP010901-PA,AGAP010900-PA	-	50	6.46E-05	1	903.531	1.05	Pupa	3L:-:12801222-12801196;3L:-:12796093-12796067	exon=> In CDS Exon 2 of transcript AGAP010901-PA;exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_81194	YAYAQPVLAK	AGAP010901-PA,AGAP010900-PA	-	69	1.14E-06	1	1123.615	0.02	Pupa	3L:-:12800976-12800947;3L:-:12795847-12795818	exon=> In CDS Exon 2 of transcript AGAP010901-PA;exon=> In CDS Exon 2 of transcript AGAP010900-PA
JHU_Ag_8426	TLLAQPAYTK	AGAP010902-PA	-	45	0.000269038	1	1105.626	0.57	Head	3L:-:12810996-12810967	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_37822	TVYAQEPAHVYAHAAPVVAAK	AGAP010902-PA	-	118	1.61E-11	1	2193.144	-0.42	Head	3L:-:12811245-12811183	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_41728	YVSQPTYTK	AGAP010902-PA	-	36	0.002328091	1	1086.546	-0.84	Head	3L:-:12810966-12810940	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_43370	TYAVHEPALK	AGAP010902-PA	-	52	6.89E-05	1	1128.606	1.05	Head	3L:-:12811305-12811276	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_43466	HVVAEPTYTK	AGAP010902-PA	-	65	4.73E-06	1	1144.600	0.04	Head	3L:-:12811026-12810997	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_63326	TVSYAAPAAHVSHVSYADNAAHYAW	AGAP010902-PA	-	49	0.000178025	1	2659.235	1.09	Head	3L:-:12810858-12810784	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_63580	QVTYAEPAVHYAAPLTK	AGAP010902-PA	-	126	2.60E-12	1	1858.975	2.79	Head	3L:-:12811356-12811306	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_100262	TLVAEHQPLYHHQPAVYAHAAPVVAAK	AGAP010902-PA	-	118	1.07E-11	1	2918.537	-1.8	Head	3L:-:12810939-12810859	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_111537	TVSYAAPQVHYQAAPQVHYQAAPALVK	AGAP010902-PA	Q12(Deamidated),Q8(Deamidated),Q20(Deamidated),Q16(Deamidated)	147	1.60E-14	1	2908.512	0.65	Head	3L:-:12811182-12811102	exon=> In CDS Exon 2 of transcript AGAP010902-PA
JHU_Ag_45779	AIIQSGSIFSPWATCK	AGAP010911-PA	C15(Carbamidomethyl)	63	8.39E-06	2	1765.890	-2.37	Midgut	3L:-:12903644-12903597	exon=> In CDS Exon 2 of transcript AGAP010911-PA
JHU_Ag_28670	FGPEYLLEK	AGAP010913-PA	-	49	0.000167026	2	1095.576	3.95	Larva	3L:-:12916542-12916516	exon=> In CDS Exon 2 of transcript AGAP010913-PA
JHU_Ag_71778	YAEAPVGEQR	AGAP010913-PA	-	54	6.54E-05	2	1119.546	2.45	Larva	3L:-:12920837-12920808	exon=> In CDS Exon 1 of transcript AGAP010913-PA
JHU_Ag_21041	QSNQYDLIDTANR	AGAP010915-PA	-	55	4.53E-05	1	1537.725	0.63	Malpighian tubule	3L:-:12929804-12929766	exon=> In CDS Exon 1 of transcript AGAP010915-PA
JHU_Ag_4683	VHQFFNIPYAEAPTGAR	AGAP010916-PA	-	40	0.001782822	1	1917.962	0.5	Midgut	3L:-:12931525-12931475	exon=> In CDS Exon 1 of transcript AGAP010916-PA
JHU_Ag_5595	IQGLGEVVGSETVTAR	AGAP010916-PA	-	94	4.75E-09	2	1615.864	-0.69	Malpighian tubule	3L:-:12931585-12931538	exon=> In CDS Exon 1 of transcript AGAP010916-PA

JHU_Ag_19470	DVTLVAVQYR	AGAP010916-PA	-	56	2.94E-05	2	1163.644	1.53	Malpighian tubule	3L:-:12931141-12931112	exon=> In CDS Exon 2 of transcript AGAP010916-PA
JHU_Ag_41246	VHQFFNIPYAEAPTGAR	AGAP010916-PA	-	43	0.000772479	1	1917.966	2.6	Malpighian tubule	3L:-:12931525-12931475	exon=> In CDS Exon 1 of transcript AGAP010916-PA
JHU_Ag_81705	APVPIAPWTAAK	AGAP010916-PA	-	46	0.000109763	1	1221.702	2.54	Malpighian tubule	3L:-:12931465-12931430	exon=> In CDS Exon 1 of transcript AGAP010916-PA
JHU_Ag_18900	ELESGSFGEMADGLIDLAGTILIK	AGAP010917-PA	M10(Oxidation)	71	1.15E-06	1	2495.259	0.32	Malpighian tubule	3L:+:12935311-12935358,12935435-12935458	exon=> In CDS Exon 3 and 4 of transcript AGAP010917-PA
JHU_Ag_19427	FLGAGDDPTGAFVGYQMR	AGAP010917-PA	M17(Oxidation)	77	2.40E-07	1	1917.885	2.43	Malpighian tubule	3L:+:12935239-12935292	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_19588	FGYGNDTSHYPFGGGVHHSDDK	AGAP010917-PA	-	38	0.000852854	1	2394.032	6.08	Ovary	3L:+:12935552-12935617	exon=> In CDS Exon 4 of transcript AGAP010917-PA
JHU_Ag_20582	VILQSAGSSAPWVWDR	AGAP010917-PA	-	111	1.01E-10	1	1771.919	3.49	Head	3L:+:12934798-12934845	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_24006	DVVLVTIQYR	AGAP010917-PA	-	63	3.02E-06	2	1205.690	0.61	Malpighian tubule	3L:+:12934552-12934581	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_24329	LLSLFTGK	AGAP010917-PA	-	43	0.000135511	1	878.535	0.94	Ovary	3L:+:12934312-12934335	exon=> In CDS Exon 2 of transcript AGAP010917-PA
JHU_Ag_29918	LYLFPYPPGKPDALNER	AGAP010917-PA	-	41	0.000772976	1	1990.048	2.28	Malpighian tubule	3L:+:12935618-12935668	exon=> In CDS Exon 4 of transcript AGAP010917-PA
JHU_Ag_30826	FYQFLGVHYAQTTSGK	AGAP010917-PA	-	72	1.20E-06	1	1846.916	2	Malpighian tubule	3L:+:12934097-12934144	exon=> In CDS Exon 1 of transcript AGAP010917-PA
JHU_Ag_31761	HEGTFLLTTVYDHFK	AGAP010917-PA	-	69	1.96E-06	1	1807.902	0.57	Malpighian tubule	3L:+:12935131-12935175	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_36590	FLGAGDDPTGAFVGYQMR	AGAP010917-PA	M17(Oxidation)	80	1.16E-07	1	1917.874	-3	Ovary	3L:+:12935239-12935292	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_37147	FGYGNDTSHYPFGGGVHHSDDK	AGAP010917-PA	-	128	7.43E-13	1	2394.014	-1.49	Head	3L:+:12935552-12935617	exon=> In CDS Exon 4 of transcript AGAP010917-PA
JHU_Ag_41964	LALEWVQEHIGR	AGAP010917-PA	-	77	1.95E-07	2	1450.786	3.71	Ovary	3L:+:12934654-12934689	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_55846	LALEWVQEHIGR	AGAP010917-PA	-	65	3.31E-06	1	1450.784	2.61	Midgut	3L:+:12934654-12934689	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_56003	AFAGDPEDCLTLSIYSSDLAAK	AGAP010917-PA	C9(Carbamidomethyl)	51	0.000130596	2	2344.108	2.79	Ovary	3L:+:12934336-12934389,12934456-12934467	exon=> In CDS Exon 2 and 3 of transcript AGAP010917-PA
JHU_Ag_61849	LALEWVQEHIGR	AGAP010917-PA	-	38	0.001381155	1	1450.785	3.36	Salivary gland	3L:+:12934654-12934689	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_67873	AFAGDPEDCLTLSIYSSDLAAK	AGAP010917-PA	C9(Carbamidomethyl)	75	5.60E-07	2	2344.115	5.7	Malpighian tubule	3L:+:12934336-12934389,12934456-12934467	exon=> In CDS Exon 2 and 3 of transcript AGAP010917-PA
JHU_Ag_68676	LALEWVQEHIGR	AGAP010917-PA	-	50	0.000100287	1	1450.784	2.86	Head	3L:+:12934654-12934689	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_70271	TTLESGLDR	AGAP010917-PA	-	50	0.000174347	2	991.506	0.4	Ovary	3L:+:12934984-12935010	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_70657	FGGDPANVTLFGQSAGAAAISALLYSPQVPDGLFHK	AGAP010917-PA	-	172	5.60E-17	1	3616.842	-0.55	Ovary	3L:+:12934690-12934797	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_70969	LLSLFTGK	AGAP010917-PA	-	32	0.001482427	2	878.536	1.77	Malpighian tubule	3L:+:12934312-12934335	exon=> In CDS Exon 2 of transcript AGAP010917-PA
JHU_Ag_72102	LLQVFNEYK	AGAP010917-PA	-	73	3.52E-07	1	1153.628	2.39	Malpighian tubule	3L:+:12934951-12934977	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_72458	VRPNIPMMAGVTK	AGAP010917-PA	M7(Oxidation), M8(Oxidation)	48	0.000246024	1	1445.761	0.61	Malpighian tubule	3L:+:12935092-12935130	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_73173	VILQSAGSSAPWVWDREPLQSMR	AGAP010917-PA	M22(Oxidation)	70	1.11E-06	1	2629.325	2.22	Ovary	3L:+:12934798-12934866	exon=> In CDS Exon 3 of transcript AGAP010917-PA

JHU_Ag_78384	LLQVFNEYK	AGAP010917-PA	-	55	2.66E-05	1	1153.626	0.59	Ovary	3L:+:12934951-12934977	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_78953	ELESGSFGEMADGLIDLAGTILIK	AGAP010917-PA	M10(Oxidation)	82	9.62E-08	1	2495.250	-3.42	Ovary	3L:+:12935311-12935358,12935435-12935458	exon=> In CDS Exon 3 and 4 of transcript AGAP010917-PA
JHU_Ag_83009	LALEWVQEHIGR	AGAP010917-PA	-	62	6.93E-06	1	1450.779	-0.61	Malpighian tubule	3L:+:12934654-12934689	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_83664	FGYGNDTSHYPFGGGVHHSDDK	AGAP010917-PA	-	67	9.72E-07	1	2394.018	0.27	Midgut	3L:+:12935552-12935617	exon=> In CDS Exon 4 of transcript AGAP010917-PA
JHU_Ag_86447	HEGTFLLTTVYDHFK	AGAP010917-PA	-	97	2.93E-09	1	1807.907	3.2	Ovary	3L:+:12935131-12935175	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_87943	RPVMVFIHGGGFYEGCAK	AGAP010917-PA	M4(Oxidation), C16(Carbamidomethyl)	82	9.98E-08	1	2040.985	3.48	Head	3L:+:12934468-12934521	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_92521	FYQFLGVHYAQTTSGK	AGAP010917-PA	-	85	5.62E-08	1	1846.921	4.68	Ovary	3L:+:12934097-12934144	exon=> In CDS Exon 1 of transcript AGAP010917-PA
JHU_Ag_100119	YGLMDAVSK	AGAP010917-PA	M4(Oxidation)	60	8.74E-06	2	999.482	0.44	Ovary	3L:+:12935212-12935238	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_100843	TTLESGLDR	AGAP010917-PA	-	56	3.90E-05	2	991.506	0.15	Malpighian tubule	3L:+:12934984-12935010	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_103491	HEGTFLLTTVYDHFKR	AGAP010917-PA	-	44	0.000562482	1	1964.004	0.87	Ovary	3L:+:12935131-12935178	exon=> In CDS Exon 3 of transcript AGAP010917-PA
JHU_Ag_109541	LMVDLWTSFAAEGVPK	AGAP010917-PA	M2(Oxidation)	79	1.51E-07	2	1779.918	10.65	Malpighian tubule	3L:+:12935687-12935734	exon=> In CDS Exon 4 of transcript AGAP010917-PA
JHU_Ag_32928	ASILVLK	AGAP010918-PA	-	29	0.004710112	1	743.504	1.52	Visceras	3L:-:12939061-12939041	exon=> In CDS Exon 3 of transcript AGAP010918-PA
JHU_Ag_60910	ASILVLK	AGAP010918-PA	-	28	0.003420329	1	743.501	-1.68	Head	3L:-:12939061-12939041	exon=> In CDS Exon 3 of transcript AGAP010918-PA
JHU_Ag_73008	ASILVLK	AGAP010918-PA	-	29	0.00308367	1	743.503	-0.12	Midgut	3L:-:12939061-12939041	exon=> In CDS Exon 3 of transcript AGAP010918-PA
JHU_Ag_105862	IVDSHTALSFLHGR	AGAP010918-PA	-	76	2.56E-07	1	1552.826	1.59	Ovary	3L:-:12939661-12939620	exon=> In CDS Exon 3 of transcript AGAP010918-PA
JHU_Ag_1474	GPELLAK	AGAP010924-PA	-	30	0.003963328	1	727.436	1.04	Pupa	3L:-:13186179-13186159	exon=> In CDS Exon 8 of transcript AGAP010924-PA
JHU_Ag_42788	GPELLAK	AGAP010924-PA	-	31	0.003080329	1	727.437	2.64	Head	3L:-:13186179-13186159	exon=> In CDS Exon 8 of transcript AGAP010924-PA
JHU_Ag_549	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation)	133	7.21E-13	1	1857.936	-3.04	Midgut	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_1874	MSMKEVDEQMLNIQNK	AGAP010929-PA	M1(Oxidation), M3(Oxidation), M10(Oxidation),"M1(Oxidation), M3(Oxidation)","M3(Oxidation), M10(Oxidation)"	130	1.64E-12	1	1937.915	0.87	Malpighian tubule	3L:-:13308575-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_5588	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl),C23(Carbamidomethyl)	121	1.07E-11	1	2766.391	3.74	Malpighian tubule	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_5782	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation)	143	6.99E-14	1	1857.950	4.78	Malpighian tubule	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_6228	TAVCDIPPR	AGAP010929-PA	C4(Carbamidomethyl)	54	2.92E-05	2	1028.520	0.89	Visceras	3L:-:13308485-13308459	exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_7173	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl),"N10(Deamidated), C23(Carbamidomethyl)"	72	7.31E-07	1	2766.382	0.83	Male reproductive organs	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_8445	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	M1(Oxidation), C12(Carbamidomethyl)	80	1.62E-07	1	2126.069	4.69	Larva	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_10219	SGPFGQIFRPDNFVFGQSGAGNNWAK	AGAP010929-PA	N22(Deamidated),N23(Deamidated),N12(Deamidated)	143	9.08E-14	1	2798.350	2.43	Visceras	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_10549	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation)	136	4.05E-13	1	1873.938	1.01	Ovary	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_10963	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	154	7.81E-15	1	1958.989	3.79	Larva	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_12103	MSMKEVDEQMLNIQNK	AGAP010929-PA	M1(Oxidation), M3(Oxidation), M10(Oxidation)	89	1.38E-08	1	1985.896	-0.73	Ovary	3L:-:13308575-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_12815	SGPFGQIFRPDNFVFGQSGAGNNWAK	AGAP010929-PA	-	108	2.81E-10	1	2798.357	4.66	Larva	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_14758	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	130	1.18E-12	1	2087.077	-0.05	Visceras	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_15560	MSATFIGNSTAIQELFKR	AGAP010929-PA	-	40	0.001211774	1	2014.043	0.29	Visceras	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_16129	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation), N8(Deamidated),M1(Oxidation),N8(Deamidated)	143	7.54E-14	1	1857.944	1.23	Salivary gland	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_17239	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl)	51	0.000134051	1	1822.919	-2.2	Pupa	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_17425	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation), N8(Deamidated),M1(Oxidation)	152	8.03E-15	1	1857.946	2.55	Head	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_20621	TAVCDIPPR	AGAP010929-PA	C4(Carbamidomethyl)	66	1.58E-06	2	1028.532	12.05	Ovary	3L:-:13308485-13308459	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_20646	KEAESCDCLQGFQLTHSLGGGTGSGMGTLLISK	AGAP010929-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), M26(Oxidation),"C6(Carbamidomethyl), C8(Carbamidomethyl)"	72	7.42E-07	1	3439.633	1.16	Salivary gland	3L:-:13309172-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_21326	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	83	6.62E-08	2	1476.698	-1.46	Visceras	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_22946	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	147	3.82E-14	1	1958.989	3.85	Pupa	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_23970	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation)	122	8.65E-12	2	1873.945	4.65	Larva	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_26518	MSMKEVDEQMLNIQNK	AGAP010929-PA	M1(Oxidation), M3(Oxidation), M10(Oxidation)	69	1.36E-06	1	1985.896	-0.73	Salivary gland	3L:-:13308575-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_27037	KEAESCDCLQGFQLTHSLGGGTGSGMGTLLISK	AGAP010929-PA	C6(Carbamidomethyl), C8(Carbamidomethyl), M26(Oxidation),"C6(Carbamidomethyl), C8(Carbamidomethyl)"	153	6.08E-15	1	3439.638	2.46	Malpighian tubule	3L:-:13309172-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_27468	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	195	4.24E-19	1	3060.409	3.78	Malpighian tubule	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_27988	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	M1(Oxidation), C12(Carbamidomethyl)	130	1.91E-12	1	2126.061	0.81	Visceras	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_28794	EAESCDCLQGFQLTHSLGGGTGSGMGTLLISK	AGAP010929-PA	C5(Carbamidomethyl), C7(Carbamidomethyl),"C5(Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)"	207	2.32E-20	1	3311.543	2.62	Malpighian tubule	3L:-:13309169-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_30733	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	162	1.01E-15	1	1958.985	1.67	Malpighian tubule	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_32534	TAVCDIPPRGLK	AGAP010929-PA	C4(Carbamidomethyl)	59	1.22E-05	1	1326.721	0.82	Malpighian tubule	3L:-:13308485-13308450	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_34551	SGPFGQIFRPDNFVFGQSGAGNNWAK	AGAP010929-PA	N12(Deamidated),Q6(Deamidated),N22(Deamidated),N23(Deamidated),Q17(Deamidated)	193	8.98E-19	1	2798.350	2.37	Salivary gland	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_34924	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation)	135	3.66E-13	1	1857.948	3.67	Pupa	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_35291	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	180	1.71E-17	1	1958.983	0.42	Salivary gland	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_35729	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl), Q13(Deamidated),C10(Carbamidomethyl),"C10(Carbamidomethyl), N12(Deamidated)"	135	4.99E-13	1	1822.923	-0.15	Salivary gland	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_36607	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	M1(Oxidation), C12(Carbamidomethyl)	93	8.16E-09	1	2126.057	-1.17	Male reproductive organs	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_37230	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl),C23(Carbamidomethyl)	130	1.22E-12	1	2766.385	1.76	Head	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_38848	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl)	135	5.16E-13	1	1822.919	-2.16	Midgut	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_38925	SGPFGQIFRPDNFVFGQSGAGNNWAK	AGAP010929-PA	Q6(Deamidated),N22(Deamidated),N23(Deamidated),"N12(Deamidated), N23(Deamidated)",Q17(Deamidated)	163	8.16E-16	1	2798.356	4.46	Malpighian tubule	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_43392	SGPFGQIFRPDNFVFGQSGAGNNWAK	AGAP010929-PA	N12(Deamidated),N22(Deamidated),N23(Deamidated),Q17(Deamidated)	148	2.36E-14	1	2798.351	2.63	Pupa	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_43921	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	C12(Carbamidomethyl)," M1(Oxidation), C12(Carbamidomethyl)"	93	6.22E-09	1	2110.067	1.13	Ovary	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_46147	SGPFGQIFRPDNFVFGQSGAGNNWAK	AGAP010929-PA	-	155	5.08E-15	1	2798.351	2.5	Male reproductive organs	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_46562	SGPFGQIFRPDNFVFGQSGAGNNWAK	AGAP010929-PA	Q6(Deamidated),N12(Deamidated),Q17(Deamidated)	157	3.56E-15	1	2798.348	1.78	Ovary	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_47786	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl),"N 10(Deamidated), C23(Carbamidomethyl)"	58	2.17E-05	1	2766.379	-0.56	Midgut	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_48222	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	183	1.02E-17	1	1958.983	0.55	Head	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_48806	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	81	1.03E-07	1	1476.700	0.19	Malpighian tubule	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_49345	SGPFGQIFRPDNFVFGQSGAGNNWA K	AGAP010929-PA	-	116	4.07E-11	1	2798.340	-1.1	Midgut	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_51526	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl)	83	6.15E-08	1	2766.399	6.85	Larva	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_51653	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl), N12(Deamidated),"Q9(De amidated), C10(Carbamidomethyl)",C 10(Carbamidomethyl),"C1 0(Carbamidomethyl), Q13(Deamidated)"	117	3.11E-11	1	1822.924	0.66	Head	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_51708	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl)	97	2.86E-09	1	1822.925	0.92	Ovary	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_52584	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl)	127	2.87E-12	1	1822.926	1.59	Malpighian tubule	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_53915	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl),C2 3(Carbamidomethyl)	162	6.78E-16	1	2750.392	2.32	Visceras	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_54634	TAVCDIPPR	AGAP010929-PA	C4(Carbamidomethyl)	53	3.93E-05	2	1028.519	-0.18	Pupa	3L:-:13308485-13308459	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_56975	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	N-Term(Acetyl), Q8(Deamidated), C12(Carbamidomethyl)	69	2.30E-06	1	2153.070	5.13	Salivary gland	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_57555	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	133	7.07E-13	1	3060.406	3	Midgut	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_58928	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	168	1.92E-16	1	3060.401	1.26	Visceras	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_61026	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	62	7.23E-06	1	2014.047	2.02	Ovary	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_62591	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	114	5.74E-11	1	2030.046	4.27	Larva	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_63276	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl)	123	6.86E-12	1	2766.376	-1.49	Ovary	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_64944	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl)	102	8.40E-10	1	1822.924	0.52	Visceras	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_66279	SGPFGQIFRPDNFVFGQSGAGNNWA K	AGAP010929-PA	-	186	4.56E-18	1	2798.351	2.5	Head	3L:-:13309304-13309227	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_67273	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	83	7.18E-08	2	1476.702	1.1	Larva	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_67984	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	140	1.27E-13	1	2014.047	2.27	Head	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_68410	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	57	2.93E-05	1	2030.034	-1.68	Midgut	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_69509	EAESCDCLQGFQLTHSLGGGTGSGMG TLLISK	AGAP010929-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)	93	5.66E-09	1	3327.521	-2.54	Pupa	3L:-:13309169-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_72485	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	94	6.20E-09	1	2030.038	0.06	Salivary gland	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_76742	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	138	2.66E-13	1	1958.983	0.67	Male reproductive organs	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_78012	EAESCDCLQGFQLTHSLGGGTGSGMG TLLISK	AGAP010929-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)	81	9.58E-08	1	3327.524	-1.44	Male reproductive organs	3L:-:13309169-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_78378	EVDEQMLNIQNK	AGAP010929-PA	Q5(Deamidated),M6(Oxidation),N8(Deamidated)	90	1.51E-08	1	1476.702	1.19	Head	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_81926	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	186	2.95E-18	1	3060.398	0.25	Head	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_83368	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	70	1.36E-06	1	2014.043	0.29	Male reproductive organs	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_84826	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl)	58	2.14E-05	1	2766.386	1.96	Pupa	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_85723	LTTPTYGDLNHLVSLTMSGVTTCLR	AGAP010929-PA	M17(Oxidation), C23(Carbamidomethyl),C23(Carbamidomethyl)	182	7.12E-18	1	2750.389	1.52	Salivary gland	3L:-:13308887-13308813	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_86257	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	127	2.74E-12	1	2087.086	4.17	Ovary	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_86976	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	154	5.70E-15	1	3060.405	2.58	Salivary gland	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_89673	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	139	1.60E-13	1	2030.040	1.33	Malpighian tubule	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_90079	EIVHIQAGQCGNQIGAK	AGAP010929-PA	C10(Carbamidomethyl)	88	2.44E-08	1	1822.929	3.2	Male reproductive organs	3L:-:13326412-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_93048	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	90	1.43E-08	1	1476.700	0.19	Salivary gland	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_93300	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	99	1.69E-09	1	2087.084	3.64	Male reproductive organs	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_93678	TAVCDIPPR	AGAP010929-PA	C4(Carbamidomethyl)	63	3.92E-06	2	1028.520	0.3	Malpighian tubule	3L:-:13308485-13308459	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_93731	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	N-Term(Acetyl), Q8(Deamidated), C12(Carbamidomethyl)	49	0.000214524	1	2153.083	11.25	Head	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_94172	EAESCDCLQGFQLTHSLGGGTGSGMG TLLISK	AGAP010929-PA	C5(Carbamidomethyl), C7(Carbamidomethyl),"C5(Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)","C5(Carbamidomethyl), C7(Carbamidomethyl), Q12(Deamidated)","C5(Carbamidomethyl), C7(Carbamidomethyl), Q9(Deamidated)"	203	5.85E-20	1	3311.544	2.85	Head	3L:-:13309169-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_95437	TAVCDIPPR	AGAP010929-PA	C4(Carbamidomethyl)	64	3.58E-06	2	1028.518	-1.84	Head	3L:-:13308485-13308459	exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_95640	EAESCDCLQGFQLTHSLGGGTGSGMG TLLISK	AGAP010929-PA	C5(Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)	222	8.37E-22	1	3327.530	0.22	Ovary	3L:-:13309169-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_95782	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	85	4.71E-08	2	1476.703	1.85	Pupa	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_95876	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	166	4.41E-16	1	1958.981	-0.32	Midgut	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_97016	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	166	3.53E-16	1	2087.081	2.04	Malpighian tubule	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_97268	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation)	132	8.78E-13	1	1857.948	3.53	Visceras	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_98548	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	150	1.16E-14	1	3060.396	-0.23	Male reproductive organs	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_99014	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	N-Term(Acetyl), M1(Oxidation), C12(Carbamidomethyl)	40	0.001577943	1	2168.073	1.58	Male reproductive organs	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_99291	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	100	1.29E-09	1	2087.076	-0.22	Salivary gland	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_101441	MSATFIGNSTAIQELFKR	AGAP010929-PA	M1(Oxidation)	80	1.44E-07	1	2030.040	1.05	Pupa	3L:-:13308449-13308396	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_101474	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	146	3.27E-14	1	2087.086	4.26	Head	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_101703	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	93	7.20E-09	1	2087.075	-1.01	Midgut	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_101955	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	85	4.63E-08	2	1476.701	0.77	Midgut	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_103456	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	75	3.93E-07	2	1476.698	-1.21	Male reproductive organs	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_103887	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	166	4.39E-16	1	1958.982	0.3	Visceras	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_105409	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	C12(Carbamidomethyl),"M1(Oxidation), C12(Carbamidomethyl)"	116	4.45E-11	1	2126.062	1.42	Head	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_105495	REIVHIQAGQCGNQIGAK	AGAP010929-PA	C11(Carbamidomethyl)	102	9.33E-10	1	1979.020	-2.23	Ovary	3L:-:13326415-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_106382	TAVCDIPPR	AGAP010929-PA	C4(Carbamidomethyl)	78	1.36E-07	2	1028.518	-1.48	Male reproductive organs	3L:-:13308485-13308459	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_107832	EAESCDCLQGFQLTHSLGGGTGSGMG TLLISK	AGAP010929-PA	C5(Carbamidomethyl), C7(Carbamidomethyl),"C5 (Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)"	165	4.46E-16	1	3311.541	2.18	Visceras	3L:-:13309169-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_108252	VSDTVVEPYNATLSVHQLVENTDETYC IDNEALYDICFR	AGAP010929-PA	C27(Carbamidomethyl), C37(Carbamidomethyl)	186	1.90E-18	1	4593.096	-2.57	Head	3L:-:13309013-13308897	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_108895	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	133	6.69E-13	1	3060.402	1.62	Ovary	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_108999	EAESCDCLQGFQLTHSLGGGTGSGMG TLLISK	AGAP010929-PA	C5(Carbamidomethyl), C7(Carbamidomethyl),"C5 (Carbamidomethyl), C7(Carbamidomethyl), M25(Oxidation)"	160	1.43E-15	1	3327.541	3.41	Salivary gland	3L:-:13309169-13309074	exon=> In CDS Exon 2 of transcript AGAP010929-PA

JHU_Ag_110066	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	C12(Carbamidomethyl),"M1(Oxidation),C12(Carbamidomethyl)"	142	9.66E-14	1	2126.058	-0.82	Malpighian tubule	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_110927	TAVCDIPPR	AGAP010929-PA	C4(Carbamidomethyl)	67	1.73E-06	1	1028.519	-0.41	Salivary gland	3L:-:13308485-13308459	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_111235	MREIVHIQAGQCGNQIGAK	AGAP010929-PA	C12(Carbamidomethyl),"M1(Oxidation),C12(Carbamidomethyl)"	106	4.02E-10	1	2126.060	0.3	Salivary gland	3L:-:13326418-13326362	exon=> In CDS Exon 1 of transcript AGAP010929-PA
JHU_Ag_111535	FWEIISDEHGIDATGGYHGDSDLQLER	AGAP010929-PA	-	172	7.74E-17	1	3060.401	1.26	Pupa	3L:-:13309478-13309398	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_112050	EVDEQMLNIQNK	AGAP010929-PA	M6(Oxidation)	89	1.61E-08	1	1476.700	0.11	Ovary	3L:-:13308563-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_112914	MSATFIGNSTAIQELFK	AGAP010929-PA	M1(Oxidation),"M1(Oxidation), N8(Deamidated),Q13(Deamidated)"	123	8.42E-12	1	1873.942	3.16	Male reproductive organs	3L:-:13308449-13308399	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_113267	GHYTEGAELVDSVLDVVRK	AGAP010929-PA	-	116	2.94E-11	1	2087.082	2.67	Pupa	3L:-:13309226-13309170	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_113482	MSMKEVDEQMLNIQNK	AGAP010929-PA	M1(Oxidation),M3(Oxidation),M10(Oxidation)	81	9.41E-08	1	1985.903	2.77	Larva	3L:-:13308575-13308528	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_114577	GHYTEGAELVDSVLDVVR	AGAP010929-PA	-	163	1.01E-15	1	1958.980	-1.13	Ovary	3L:-:13309226-13309173	exon=> In CDS Exon 2 of transcript AGAP010929-PA
JHU_Ag_39250	INVYYNEASGGK	AGAP010929-PA,AGAP008622-PA	-	78	1.90E-07	1	1314.632	-0.28	Ovary	3L:-:13309397-13309362;3R:-:13726319-13726284	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_69768	INVYYNEASGGK	AGAP010929-PA,AGAP008622-PA	-	66	2.75E-06	1	1314.633	0.56	Malpighian tubule	3L:-:13309397-13309362;3R:-:13726319-13726284	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_71303	INVYYNEASGGK	AGAP010929-PA,AGAP008622-PA	-	52	8.62E-05	2	1314.636	2.69	Larva	3L:-:13309397-13309362;3R:-:13726319-13726284	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_90544	INVYYNEASGGK	AGAP010929-PA,AGAP008622-PA	-	63	6.28E-06	2	1314.632	-0.56	Visceras	3L:-:13309397-13309362;3R:-:13726319-13726284	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 1 of transcript AGAP008622-PA
JHU_Ag_2327	YLTVAAVFR	AGAP010929-PA,AGAP010510-PA	-	64	1.67E-06	2	1039.598	4.13	Larva	3L:-:13308608-13308582;3L:+:5282742-5282768	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_4999	IMNTYSVVPSPK	AGAP010929-PA,AGAP010510-PA	M2(Oxidation)	111	1.28E-10	2	1335.697	-0.69	Visceras	3L:-:13309049-13309014;3L:+:5282301-5282336	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_8028	YLTVAAVFR	AGAP010929-PA,AGAP010510-PA	-	71	3.83E-07	1	1039.594	0.37	Ovary	3L:-:13308608-13308582;3L:+:5282742-5282768	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_9279	LHFFMPGFAPLTSR	AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	76	4.01E-07	1	1620.837	0.71	Malpighian tubule	3L:-:13308749-13308708;3L:+:5282601-5282642	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_16281	NSSYFVEWIPNNVK	AGAP010929-PA,AGAP010510-PA	-	89	1.94E-08	1	1696.836	1.69	Malpighian tubule	3L:-:13308527-13308486;3L:+:5282823-5282864	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA

JHU_Ag_35070	NSSYFVEWIPNNVK	AGAP010929-PA,AGAP010510-PA	N1(Deamidated)	71	1.31E-06	2	1696.837	2.55	Visceras	3L:-:13308527-13308486;3L:+:5282823-5282864	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_39865	NMMAACDPR	AGAP010929-PA,AGAP010510-PA	C6(Carbamidomethyl)	33	0.001277417	2	1065.429	1.63	Malpighian tubule	3L:-:13308644-13308618;3L:+:5282706-5282732	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_47258	NSSYFVEWIPNNVK	AGAP010929-PA,AGAP010510-PA	N1(Deamidated)	95	4.39E-09	2	1696.840	4.28	Larva	3L:-:13308527-13308486;3L:+:5282823-5282864	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_48585	IMNTYSVVPSPK	AGAP010929-PA,AGAP010510-PA	M2(Oxidation)	83	9.02E-08	1	1351.693	0.19	Ovary	3L:-:13309049-13309014;3L:+:5282301-5282336	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_48739	NSSYFVEWIPNNVK	AGAP010929-PA,AGAP010510-PA	-	89	2.02E-08	1	1696.833	0.18	Ovary	3L:-:13308527-13308486;3L:+:5282823-5282864	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_49461	LHFFMPGFAPLTSR	AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	94	5.83E-09	1	1636.833	1.69	Visceras	3L:-:13308749-13308708;3L:+:5282601-5282642	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_64894	LHFFMPGFAPLTSR	AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	100	1.63E-09	1	1636.829	-0.99	Ovary	3L:-:13308749-13308708;3L:+:5282601-5282642	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_81524	NMMAACDPR	AGAP010929-PA,AGAP010510-PA	C6(Carbamidomethyl)	30	0.002270969	2	1065.426	-1	Visceras	3L:-:13308644-13308618;3L:+:5282706-5282732	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_87751	YLTVAAVFR	AGAP010929-PA,AGAP010510-PA	-	75	1.57E-07	2	1039.593	-0.33	Visceras	3L:-:13308608-13308582;3L:+:5282742-5282768	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_88467	IMNTYSVVPSPK	AGAP010929-PA,AGAP010510-PA	M2(Oxidation)	89	2.29E-08	1	1351.695	1.45	Malpighian tubule	3L:-:13309049-13309014;3L:+:5282301-5282336	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_89929	LHFFMPGFAPLTSR	AGAP010929-PA,AGAP010510-PA	M5(Oxidation)	89	2.12E-08	1	1636.839	4.98	Larva	3L:-:13308749-13308708;3L:+:5282601-5282642	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_116496	YLTVAAVFR	AGAP010929-PA,AGAP010510-PA	-	64	1.73E-06	1	1039.596	2.6	Malpighian tubule	3L:-:13308608-13308582;3L:+:5282742-5282768	exon=> In CDS Exon 2 of transcript AGAP010929-PA;exon=> In CDS Exon 4 of transcript AGAP010510-PA
JHU_Ag_24196	DVLMHFLQQLR	AGAP010930-PA	Q8(Deamidated), Q9(Deamidated)	36	0.003780941	1	1401.724	2.85	Male reproductive organs	3L:-:13336827-13336795	exon=> In CDS Exon 1 of transcript AGAP010930-PA
JHU_Ag_2635	ELAPTDPDWFYVR	AGAP010933-PA	-	49	0.000196028	2	1608.777	4.77	Larva	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_2723	DVDQDKVVEGVALFLK	AGAP010933-PA	-	126	1.97E-12	1	1774.960	0.84	Ovary	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_5684	IAAQISSK	AGAP010933-PA	-	46	0.000293339	2	817.479	1.12	Salivary gland	3L:+:13354963-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_6629	KAVQALEAIK	AGAP010933-PA	-	58	7.85E-06	2	1070.657	-0.2	Pupa	3L:+:13354867-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_11048	DVDQDKVVEGVALFLK	AGAP010933-PA	-	92	5.06E-09	1	1774.959	0.21	Salivary gland	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_13094	HGVRPSHFCR	AGAP010933-PA	C9(Carbamidomethyl)	55	5.17E-05	1	1252.611	-0.51	Midgut	3L:+:13354816-13354845	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_13262	ELAPTDPDWFYVR	AGAP010933-PA	-	86	3.88E-08	1	1608.773	2.42	Male reproductive organs	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_13961	LYHHSPAGIGSICR	AGAP010933-PA	C13(Carbamidomethyl)	89	1.97E-08	1	1567.782	1.39	Head	3L:+:13354753-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_14680	ELAPTDPDWFYVR	AGAP010933-PA	-	85	4.44E-08	1	1608.771	1.2	Salivary gland	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA

JHU_Ag_24211	IAAQISSK	AGAP010933-PA	-	57	2.76E-05	1	817.479	0.97	Malpighian tubule	3L:+:13354963-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_24712	KAVQALEAIK	AGAP010933-PA	-	79	6.90E-08	1	1070.655	-1.46	Ovary	3L:+:13354867-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_28241	VVEGVALFLK	AGAP010933-PA	-	55	6.75E-06	2	1074.654	-2.06	Head	3L:+:13354517-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_30094	RLYHHSPAGIGSICR	AGAP010933-PA	C14(Carbamidomethyl)	72	7.80E-07	1	1723.881	-0.11	Malpighian tubule	3L:+:13354750-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_30996	EAAQVLK	AGAP010933-PA	-	43	0.001198003	2	758.441	0.72	Malpighian tubule	3L:+:13355008-13355028	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_32186	VVEGVALFLKK	AGAP010933-PA	-	73	3.14E-08	1	1202.754	2.53	Male reproductive organs	3L:+:13354517-13354548,13354635-13354635	exon=> In CDS Exon 1 and 2 of transcript AGAP010933-PA
JHU_Ag_35402	FKELAPTDPDWFYVR	AGAP010933-PA	-	89	1.82E-08	1	1883.940	3.81	Malpighian tubule	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_36471	ELAPTDPDWFYVR	AGAP010933-PA	-	46	0.00039082	2	1608.774	2.87	Visceras	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_39755	VVEGVALFLK	AGAP010933-PA	-	81	1.73E-08	1	1074.656	-0.12	Ovary	3L:+:13354517-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_42365	FKELAPTDPDWFYVR	AGAP010933-PA	-	76	3.64E-07	1	1883.941	4.29	Larva	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_45625	DVDQDKVVEGVALFLK	AGAP010933-PA	-	110	9.48E-11	1	1774.959	0.21	Midgut	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_47709	AVQALEAIK	AGAP010933-PA	-	53	5.53E-05	1	942.561	-1.38	Midgut	3L:+:13354870-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_48640	RLYHHSPAGIGSICR	AGAP010933-PA	C14(Carbamidomethyl)	53	6.79E-05	1	1723.886	2.86	Male reproductive organs	3L:+:13354750-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_48767	DLDRIAAQISSK	AGAP010933-PA	-	82	1.00E-07	1	1316.718	1.05	Malpighian tubule	3L:+:13354951-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_49452	LYHHSPAGIGSICR	AGAP010933-PA	C13(Carbamidomethyl)	62	9.53E-06	1	1567.778	-1.11	Salivary gland	3L:+:13354753-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_49963	EAAQVLKLQE	AGAP010933-PA	-	55	3.67E-05	1	1128.623	-2.27	Malpighian tubule	3L:+:13355008-13355037	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_54312	PGITVK	AGAP010933-PA	-	37	0.00072315	1	614.387	-1.02	Male reproductive organs	3L:+:13354481-13354498	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_55523	DVDQDKVVEGVALFLK	AGAP010933-PA	-	156	1.81E-15	1	1774.961	1.18	Head	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_57546	DVDQDK	AGAP010933-PA	-	31	0.006372052	1	719.321	0.79	Ovary	3L:+:13354499-13354516	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_58251	KAVQALEAIK	AGAP010933-PA	-	77	1.01E-07	2	1070.657	0.25	Malpighian tubule	3L:+:13354867-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_58835	LYHHSPAGIGSICR	AGAP010933-PA	C13(Carbamidomethyl)	89	1.99E-08	1	1567.777	-2.04	Ovary	3L:+:13354753-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_62604	LYHHSPAGIGSICR	AGAP010933-PA	C13(Carbamidomethyl)	107	2.94E-10	1	1567.782	1.46	Malpighian tubule	3L:+:13354753-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_63618	AVQALEAIKMIER	AGAP010933-PA	M10(Oxidation)	87	1.74E-08	1	1487.829	2.3	Malpighian tubule	3L:+:13354870-13354908	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_65208	FKELAPTDPDWFYVR	AGAP010933-PA	-	82	8.11E-08	1	1883.932	-0.57	Midgut	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_65607	LKVPDYVDLIK	AGAP010933-PA	-	63	1.33E-06	1	1302.767	0	Midgut	3L:+:13354645-13354677	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_65739	KAVQALEAIK	AGAP010933-PA	-	68	7.82E-07	1	1070.658	0.59	Salivary gland	3L:+:13354867-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_66997	ELAPTDPDWFYVR	AGAP010933-PA	-	75	4.97E-07	1	1608.774	2.87	Malpighian tubule	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA

JHU_Ag_68822	AVQALEAIK	AGAP010933-PA	-	51	6.21E-05	2	942.564	2.42	Ovary	3L:+:13354870-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_69386	LYHHSPAGIGSICR	AGAP010933-PA	C13(Carbamidomethyl)	72	8.81E-07	1	1567.784	2.4	Midgut	3L:+:13354753-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_70877	FKELAPTDPDWFYVR	AGAP010933-PA	-	90	1.44E-08	1	1883.933	-0.11	Head	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_73286	DVDQDKVVEGVALFLK	AGAP010933-PA	-	130	7.82E-13	1	1774.961	1.18	Male reproductive organs	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_75111	ELAPTDPDWFYVR	AGAP010933-PA	-	77	3.01E-07	2	1608.769	-0.39	Midgut	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_76211	DVDQDKVVEGVALFLK	AGAP010933-PA	-	131	6.10E-13	1	1774.968	5.17	Malpighian tubule	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_79256	IAAQISSK	AGAP010933-PA	-	46	0.000323 87	2	817.479	0.97	Male reproductive organs	3L:+:13354963-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_80263	FKELAPTDPDWFYVR	AGAP010933-PA	-	82	8.25E-08	1	1883.937	2.16	Visceras	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_80539	DVDQDKVVEGVALFLK	AGAP010933-PA	-	97	1.28E-09	1	1774.968	5.03	Pupa	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_82236	DVDQDKVVEGVALFLK	AGAP010933-PA	-	133	3.49E-13	1	1774.968	5.17	Larva	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_82343	IAAQISSK	AGAP010933-PA	-	50	0.000124 923	1	817.478	-0.13	Head	3L:+:13354963-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_82904	HGVRPSHFCR	AGAP010933-PA	C9(Carbamidomethyl)	59	2.11E-05	1	1252.613	1.1	Head	3L:+:13354816-13354845	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_91206	ELAPTDPDWFYVR	AGAP010933-PA	-	57	2.75E-05	2	1608.776	4.31	Pupa	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_91375	AVQALEAIK	AGAP010933-PA	-	75	2.37E-07	1	942.563	0.87	Malpighian tubule	3L:+:13354870-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_91437	EAAQVLK	AGAP010933-PA	-	45	0.000715 25	2	758.441	0.89	Ovary	3L:+:13355008-13355028	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_96487	VVEGVALFLK	AGAP010933-PA	-	31	0.001277 414	2	1074.660	3.74	Malpighian tubule	3L:+:13354517-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_97873	FKELAPTDPDWFYVR	AGAP010933-PA	-	48	0.000210 639	1	1883.935	1.28	Ovary	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_98488	ELAPTDPDWFYVR	AGAP010933-PA	-	89	1.92E-08	1	1608.772	1.51	Ovary	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_99359	IAAQISSK	AGAP010933-PA	-	55	4.13E-05	2	817.478	0.3	Ovary	3L:+:13354963-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_100490	IAAQISSK	AGAP010933-PA	-	55	3.14E-05	2	817.481	3.28	Visceras	3L:+:13354963-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_102755	ELAPTDPDWFYVR	AGAP010933-PA	-	89	1.77E-08	2	1608.772	1.58	Head	3L:+:13354693-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_104023	FKELAPTDPDWFYVR	AGAP010933-PA	-	70	1.39E-06	1	1883.935	0.99	Pupa	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_104349	AVQALEAIK	AGAP010933-PA	-	44	0.000436 516	1	942.561	-0.93	Head	3L:+:13354870-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_106260	DVDQDKVVEGVALFLK	AGAP010933-PA	-	108	1.13E-10	1	1774.969	6	Visceras	3L:+:13354499-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_107246	KAVQALEAIK	AGAP010933-PA	-	65	1.43E-06	2	1070.656	-1	Male reproductive organs	3L:+:13354867-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_107891	LYHHSPAGIGSICR	AGAP010933-PA	C13(Carbamidomethyl)	48	0.000217 336	1	1567.783	2.32	Visceras	3L:+:13354753-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_107923	VVEGVALFLK	AGAP010933-PA	-	33	0.001140 826	1	1074.653	-2.67	Midgut	3L:+:13354517-13354546	exon=> In CDS Exon 1 of transcript AGAP010933-PA
JHU_Ag_108467	FKELAPTDPDWFYVR	AGAP010933-PA	-	59	1.70E-05	1	1883.940	3.81	Salivary gland	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA

JHU_Ag_110439	IAAQISSK	AGAP010933-PA	-	52	5.73E-05	2	817.481	4.03	Larva	3L:+:13354963-13354986	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_110632	FKELAPTDPDWFYVR	AGAP010933-PA	-	76	3.19E-07	1	1883.934	0.7	Male reproductive organs	3L:+:13354687-13354731	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_112109	KAVQALEAIK	AGAP010933-PA	-	65	1.57E-06	1	1070.657	-0.09	Visceras	3L:+:13354867-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_113753	LYHHSPAGIGSICR	AGAP010933-PA	C13(Carbamidomethyl)	66	3.77E-06	1	1567.780	-0.09	Male reproductive organs	3L:+:13354753-13354794	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_115478	HGVRPSHFCR	AGAP010933-PA	C9(Carbamidomethyl)	57	2.97E-05	1	1252.613	0.88	Malpighian tubule	3L:+:13354816-13354845	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_116117	AVQALEAIK	AGAP010933-PA	-	50	0.000103276	2	942.562	0.03	Male reproductive organs	3L:+:13354870-13354896	exon=> In CDS Exon 2 of transcript AGAP010933-PA
JHU_Ag_14147	LLEAFR	AGAP010934-PA	-	34	0.00282611	2	748.436	1.04	Visceras	3L:-:13360454-13360437	exon=> In CDS Exon 1 of transcript AGAP010934-PA
JHU_Ag_44310	LTMTWANK	AGAP010934-PA	M3(Oxidation)	30	0.014514164	1	980.497	10.6	Midgut	3L:-:13361288-13361265	exon=> In CDS Exon 1 of transcript AGAP010934-PA
JHU_Ag_44725	AITDLLLPR	AGAP010934-PA	-	48	2.91E-05	2	1011.624	4.14	Malpighian tubule	3L:-:13359926-13359900	exon=> In CDS Exon 1 of transcript AGAP010934-PA
JHU_Ag_4875	LHSSIFHPTLR	AGAP010935-PA	-	46	0.000219866	1	1307.721	-0.9	Midgut	3L:-:13365716-13365684	exon=> In CDS Exon 1 of transcript AGAP010935-PA
JHU_Ag_14217	DVEEGADMLMVKPGMAYLDIVK	AGAP010935-PA	M8(Oxidation), M10(Oxidation), M15(Oxidation)	106	3.94E-10	1	2472.174	1.11	Ovary	3L:-:13364725-13364660	exon=> In CDS Exon 4 of transcript AGAP010935-PA
JHU_Ag_22806	GLQSILLFGVVDK	AGAP010935-PA	-	54	1.13E-05	2	1388.817	1.33	Malpighian tubule	3L:-:13365441-13365403	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_23633	FASGFYGPFR	AGAP010935-PA	-	43	0.000967467	2	1148.553	0.12	Male reproductive organs	3L:-:13364921-13364892	exon=> In CDS Exon 3 of transcript AGAP010935-PA
JHU_Ag_30727	TVLWEVLVGMR	AGAP010935-PA	M10(Oxidation)	69	1.47E-06	1	1318.719	0.24	Midgut	3L:-:13364487-13364455	exon=> In CDS Exon 5 of transcript AGAP010935-PA
JHU_Ag_34883	GLQSILLFGVVDKMPK	AGAP010935-PA	M14(Oxidation)	27	0.005838922	1	1761.003	2.78	Malpighian tubule	3L:-:13365441-13365394	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_48061	DVEEGADMLMVKPGMAYLDIVK	AGAP010935-PA	M8(Oxidation), M10(Oxidation), M15(Oxidation)	65	5.04E-06	1	2472.176	2.22	Midgut	3L:-:13364725-13364660	exon=> In CDS Exon 4 of transcript AGAP010935-PA
JHU_Ag_66697	AGADCIISYFTPLVLDWLKE	AGAP010935-PA	C5(Carbamidomethyl)	56	3.10E-05	3	2311.165	-1.42	Midgut	3L:-:13364451-13364392	exon=> In CDS Exon 5 of transcript AGAP010935-PA
JHU_Ag_67760	DSTGSGADCATNPVIR	AGAP010935-PA	C9(Carbamidomethyl)	97	2.24E-09	1	1620.731	1.44	Malpighian tubule	3L:-:13365257-13365210	exon=> In CDS Exon 3 of transcript AGAP010935-PA
JHU_Ag_69449	GLQSILLFGVVDK	AGAP010935-PA	-	115	7.37E-12	1	1388.815	0.45	Ovary	3L:-:13365441-13365403	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_71108	GLQSILLFGVVDK	AGAP010935-PA	-	88	4.08E-09	2	1388.815	0.19	Midgut	3L:-:13365441-13365403	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_71613	YGLTTLLAHLEPLVAK	AGAP010935-PA	-	53	1.08E-05	1	1739.013	1.6	Pupa	3L:-:13365489-13365442	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_71900	LHSSIFHPTLR	AGAP010935-PA	-	71	5.37E-07	1	1307.723	0.97	Head	3L:-:13365716-13365684	exon=> In CDS Exon 1 of transcript AGAP010935-PA
JHU_Ag_78906	LHSSIFHPTLR	AGAP010935-PA	-	35	0.002399704	1	1307.720	-1.12	Ovary	3L:-:13365716-13365684	exon=> In CDS Exon 1 of transcript AGAP010935-PA
JHU_Ag_80030	DSTGSGADCATNPVIR	AGAP010935-PA	C9(Carbamidomethyl)	114	4.12E-11	1	1620.732	2.49	Head	3L:-:13365257-13365210	exon=> In CDS Exon 3 of transcript AGAP010935-PA
JHU_Ag_93257	DSTGSGADCATNPVIR	AGAP010935-PA	C9(Carbamidomethyl)	110	1.15E-10	1	1620.731	1.36	Ovary	3L:-:13365257-13365210	exon=> In CDS Exon 3 of transcript AGAP010935-PA
JHU_Ag_99724	YGLTTLLAHLEPLVAK	AGAP010935-PA	-	40	0.000222717	3	1739.015	2.55	Larva	3L:-:13365489-13365442	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_100992	TVLWEVLVGMR	AGAP010935-PA	M10(Oxidation)	86	3.07E-08	1	1318.722	2.37	Ovary	3L:-:13364487-13364455	exon=> In CDS Exon 5 of transcript AGAP010935-PA

JHU_Ag_101946	GLQSILLFGVVDK	AGAP010935-PA	-	75	8.95E-08	2	1388.819	3.09	Visceras	3L:-:13365441-13365403	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_103857	FASGFYGPFR	AGAP010935-PA	-	61	1.21E-05	2	1148.550	-1.9	Head	3L:-:13364921-13364892	exon=> In CDS Exon 3 of transcript AGAP010935-PA
JHU_Ag_104185	GLQSILLFGVVDK	AGAP010935-PA	-	96	4.97E-10	1	1388.824	6.34	Larva	3L:-:13365441-13365403	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_104205	GLQSILLFGVVDK	AGAP010935-PA	-	86	6.36E-09	2	1388.819	3	Pupa	3L:-:13365441-13365403	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_107948	DSTGSGADCATNPVIR	AGAP010935-PA	C9(Carbamidomethyl)	100	1.15E-09	1	1620.727	-0.9	Midgut	3L:-:13365257-13365210	exon=> In CDS Exon 3 of transcript AGAP010935-PA
JHU_Ag_110519	FASGFYGPFR	AGAP010935-PA	-	60	1.90E-05	1	1148.553	0.12	Ovary	3L:-:13364921-13364892	exon=> In CDS Exon 3 of transcript AGAP010935-PA
JHU_Ag_111594	YGLTTLLAHLEPLVAK	AGAP010935-PA	-	114	1.07E-11	1	1739.008	-1.45	Ovary	3L:-:13365489-13365442	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_112841	YGLTTLLAHLEPLVAK	AGAP010935-PA	-	94	9.19E-10	1	1739.009	-0.53	Midgut	3L:-:13365489-13365442	exon=> In CDS Exon 2 of transcript AGAP010935-PA
JHU_Ag_40225	AQDVEAPLQLR	AGAP010936-PA	-	46	0.000267 67	1	1239.669	0.19	Male reproductive organs	3L:+:13369783-13369815	exon=> In CDS Exon 3 of transcript AGAP010936-PA
JHU_Ag_117162	LSADETDVEPEEYFLLIPR	AGAP010939-PA	-	38	0.002623 612	2	2236.110	3.51	Head	3L:-:13510556-13510500	exon=> In CDS Exon 1 of transcript AGAP010939-PA
JHU_Ag_23858	ETVLSLLQR	AGAP010941-PA	-	53	4.43E-05	2	1058.622	1.2	Ovary	3L:-:13520011-13519985	exon=> In CDS Exon 1 of transcript AGAP010941-PA
JHU_Ag_80118	DHCIR	AGAP010941-PA	C3(Carbamidomethyl)	30	0.003643 166	1	700.320	0.22	Midgut	3L:-:13519456-13519442	exon=> In CDS Exon 3 of transcript AGAP010941-PA
JHU_Ag_12906	QLCGPAVSVRELYETK	AGAP010956-PA	C3(Carbamidomethyl)	47	0.000310 867	1	1849.945	-1.32	Pupa	3L:-:13738149-13738102	exon=> In CDS Exon 2 of transcript AGAP010956-PA
JHU_Ag_10764	EAFSLFDK	AGAP010957-PA	-	34	0.002712 207	2	956.476	4.12	Ovary	3L:+:13803143-13803166	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_12188	ADQLTEEQIAEFK	AGAP010957-PA	N-Term(Acetyl)	94	6.63E-09	2	1563.754	0.28	Midgut	3L:+:13803104-13803142	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_15546	ADQLTEEQIAEFK	AGAP010957-PA	N-Term(Acetyl)	82	1.07E-07	1	1563.757	2.2	Head	3L:+:13803104-13803142	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_20353	EAFSLFDKDGDGTITTK	AGAP010957-PA	-	113	7.26E-11	1	1844.894	1.56	Ovary	3L:+:13803143-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_27183	DGDGTITTK	AGAP010957-PA	-	64	4.65E-06	2	907.437	0.46	Head	3L:+:13803167-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_29712	ADQLTEEQIAEFK	AGAP010957-PA	N-Term(Acetyl)	93	7.46E-09	1	1563.756	1.37	Salivary gland	3L:+:13803104-13803142	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_30670	DGDGTITTK	AGAP010957-PA	-	41	0.000983 883	2	907.441	4.9	Malpighian tubule	3L:+:13803167-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_31306	EAFSLFDKDGDGTITTK	AGAP010957-PA	-	108	2.62E-10	1	1844.893	0.63	Midgut	3L:+:13803143-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_43193	DGDGTITTK	AGAP010957-PA	-	47	0.000207 233	1	907.438	1.02	Midgut	3L:+:13803167-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_57651	ADQLTEEQIAEFK	AGAP010957-PA	N-Term(Acetyl)	66	3.66E-06	2	1563.756	1.45	Malpighian tubule	3L:+:13803104-13803142	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_66387	ADQLTEEQIAEFK	AGAP010957-PA	N-Term(Acetyl)	104	5.94E-10	1	1563.759	3.32	Visceras	3L:+:13803104-13803142	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_76868	EAFSLFDK	AGAP010957-PA	-	47	0.000162 042	2	956.473	0.93	Head	3L:+:13803143-13803166	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_85733	EAFSLFDKDGDGTITTK	AGAP010957-PA	-	49	0.000199 764	1	1844.890	-0.57	Salivary gland	3L:+:13803143-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_89114	ADQLTEEQIAEFK	AGAP010957-PA	N-Term(Acetyl)	116	4.15E-11	1	1563.754	0.28	Ovary	3L:+:13803104-13803142	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_89960	EAFSLFDKDGDGTITTK	AGAP010957-PA	-	103	8.98E-10	1	1844.896	2.42	Malpighian tubule	3L:+:13803143-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA

JHU_Ag_97594	EAFSLFDK	AGAP010957-PA	-	44	0.000282896	2	956.474	1.64	Midgut	3L:+:13803143-13803166	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_99493	EAFSLFDKDGDGTITTK	AGAP010957-PA	-	94	6.86E-09	1	1844.893	0.96	Head	3L:+:13803143-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_99496	SLGQNPTEAELQDMINEVDADGNGTIDFPEFLTMMAR	AGAP010957-PA	M14(Oxidation), M34(Oxidation), M35(Oxidation)	172	4.04E-17	1	4117.834	0.55	Ovary	3L:+:13803215-13803278,13818011-13818057	exon=> In CDS Exon 2 and 3 of transcript AGAP010957-PA
JHU_Ag_104264	EAFSLFDKDGDGTITTK	AGAP010957-PA	-	90	1.66E-08	1	1844.896	2.42	Visceras	3L:+:13803143-13803193	exon=> In CDS Exon 2 of transcript AGAP010957-PA
JHU_Ag_209	DTDSEEEIREAFR	AGAP010957-PA,AGAP012844-PA	-	72	5.62E-07	1	1596.714	0.06	Malpighian tubule	3L:+:13818067-13818105;UNKN:+:33488727-33488765	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_7679	DGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	N3(Deamidated)	106	3.45E-10	1	1250.603	1.58	Head	3L:+:13818118-13818153;UNKN:+:33488778-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_20300	HVMTNLGEK	AGAP010957-PA,AGAP012844-PA	M3(Oxidation)	66	2.40E-06	1	1028.513	-5.8	Head	3L:+:13818154-13818180;UNKN:+:33488814-33488840	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_21729	DTDSEEEIREAFR	AGAP010957-PA,AGAP012844-PA	-	66	2.74E-06	1	1596.720	4.03	Ovary	3L:+:13818067-13818105;UNKN:+:33488727-33488765	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_26735	DTDSEEEIR	AGAP010957-PA,AGAP012844-PA	-	50	6.52E-05	2	1093.467	2.31	Visceras	3L:+:13818067-13818093;UNKN:+:33488727-33488753	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_29279	LTDEEVDEMIR	AGAP010957-PA,AGAP012844-PA	M9(Oxidation)	96	3.69E-09	1	1349.628	1.64	Head	3L:+:13818181-13818213;UNKN:+:33488841-33488873	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_29529	LTDEEVDEMIR	AGAP010957-PA,AGAP012844-PA	M9(Oxidation)	54	4.14E-05	2	1365.621	0.6	Salivary gland	3L:+:13818181-13818213;UNKN:+:33488841-33488873	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_38083	DGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	N3(Deamidated)	92	1.02E-08	1	1250.605	2.75	Midgut	3L:+:13818118-13818153;UNKN:+:33488778-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_48323	DTDSEEEIREAFR	AGAP010957-PA,AGAP012844-PA	-	36	0.002254257	1	1596.717	1.82	Salivary gland	3L:+:13818067-13818105;UNKN:+:33488727-33488765	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_50432	MKDTDSEEEIR	AGAP010957-PA,AGAP012844-PA	M1(Oxidation)	29	0.008551873	2	1368.590	-3.87	Head	3L:+:13818061-13818093;UNKN:+:33488721-33488753	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_53355	DTDSEEEIR	AGAP010957-PA,AGAP012844-PA	-	65	1.64E-06	2	1093.466	1.53	Head	3L:+:13818067-13818093;UNKN:+:33488727-33488753	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA

JHU_Ag_55242	DGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	-	82	9.33E-08	1	1249.620	1.88	Ovary	3L:+:13818118-13818153;UNKN:+:33488778-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_58243	VFDKDGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	-	119	1.90E-11	1	1738.877	0.8	Head	3L:+:13818106-13818153;UNKN:+:33488766-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_62639	DTDSEEEIREAFR	AGAP010957-PA,AGAP012844-PA	-	85	2.83E-08	1	1596.718	2.81	Midgut	3L:+:13818067-13818105;UNKN:+:33488727-33488765	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_65778	DTDSEEEIREAFR	AGAP010957-PA,AGAP012844-PA	-	43	0.000532996	1	1596.717	1.89	Visceras	3L:+:13818067-13818105;UNKN:+:33488727-33488765	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_67827	LTDEEVDEMIR	AGAP010957-PA,AGAP012844-PA	-	82	8.79E-08	2	1349.633	5.44	Malpighian tubule	3L:+:13818181-13818213;UNKN:+:33488841-33488873	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_71642	DTDSEEEIR	AGAP010957-PA,AGAP012844-PA	-	66	1.22E-06	1	1093.466	1.82	Midgut	3L:+:13818067-13818093;UNKN:+:33488727-33488753	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_73029	VFDKDGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	N7(Deamidated)	120	1.49E-11	2	1738.878	1.36	Salivary gland	3L:+:13818106-13818153;UNKN:+:33488766-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_73644	DTDSEEEIR	AGAP010957-PA,AGAP012844-PA	-	46	0.00013766	2	1093.465	0.19	Ovary	3L:+:13818067-13818093;UNKN:+:33488727-33488753	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_74497	LTDEEVDEMIR	AGAP010957-PA,AGAP012844-PA	M9(Oxidation)	74	4.14E-07	1	1365.620	-0.56	Ovary	3L:+:13818181-13818213;UNKN:+:33488841-33488873	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_74891	HVMTNLGEK	AGAP010957-PA,AGAP012844-PA	M3(Oxidation)	45	0.000298881	1	1044.513	-0.8	Midgut	3L:+:13818154-13818180;UNKN:+:33488814-33488840	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_84267	DTDSEEEIREAFR	AGAP010957-PA,AGAP012844-PA	-	80	1.03E-07	1	1596.717	2.35	Head	3L:+:13818067-13818105;UNKN:+:33488727-33488765	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_84285	VFDKDGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	N7(Deamidated)	116	4.11E-11	1	1738.874	-1.23	Midgut	3L:+:13818106-13818153;UNKN:+:33488766-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_87140	LTDEEVDEMIR	AGAP010957-PA,AGAP012844-PA	-	39	0.001898164	2	1349.627	0.82	Visceras	3L:+:13818181-13818213;UNKN:+:33488841-33488873	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_90999	LTDEEVDEMIR	AGAP010957-PA,AGAP012844-PA	M9(Oxidation)	99	1.91E-09	2	1349.628	2.09	Midgut	3L:+:13818181-13818213;UNKN:+:33488841-33488873	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA

JHU_Ag_101923	VFDKDGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	N7(Deamidated)	110	1.83E-10	1	1738.880	2.21	Ovary	3L:+:13818106-13818153;UNKN:+:33488766-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_107447	HVMTNLGEK	AGAP010957-PA,AGAP012844-PA	M3(Oxidation)	34	0.003133849	2	1044.516	1.54	Ovary	3L:+:13818154-13818180;UNKN:+:33488814-33488840	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_117724	VFDKDGNGFISAAELR	AGAP010957-PA,AGAP012844-PA	-	94	6.28E-09	2	1738.881	2.63	Visceras	3L:+:13818106-13818153;UNKN:+:33488766-33488813	exon=> In CDS Exon 3 of transcript AGAP010957-PA;exon=> In CDS Exon 1 of transcript AGAP012844-PA
JHU_Ag_2628	FTTDVIASTFFGMQANCLKDEQSEFR	AGAP010961-PA	M13(Oxidation), C17(Carbamidomethyl)	90	1.10E-08	1	3058.392	-0.1	Midgut	3L:-:13840395-13840318	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_7117	GLTMASFFFLPELVPYLR	AGAP010961-PA	M4(Oxidation)	68	1.54E-06	1	2117.118	1.71	Salivary gland	3L:-:13840278-13840225	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_9076	LYPVLAFIER	AGAP010961-PA	-	57	9.29E-06	1	1220.707	2.37	Head	3L:-:13839697-13839668	exon=> In CDS Exon 4 of transcript AGAP010961-PA
JHU_Ag_9411	GLTMASFFFLPELVPYLR	AGAP010961-PA	M4(Oxidation)	80	9.97E-08	1	2117.117	1.37	Midgut	3L:-:13840278-13840225	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_14136	NNNATLGVNEK	AGAP010961-PA	-	71	1.11E-06	1	1173.586	-0.13	Salivary gland	3L:-:13840101-13840069	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_16642	DTEAFLK	AGAP010961-PA	-	39	0.001775554	1	823.420	0.03	Head	3L:-:13840206-13840186	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_17020	LYPVLAFIER	AGAP010961-PA	-	62	2.74E-06	2	1220.705	0.57	Midgut	3L:-:13839697-13839668	exon=> In CDS Exon 4 of transcript AGAP010961-PA
JHU_Ag_28696	LKLFPR	AGAP010961-PA	-	31	0.00129817	2	773.503	-0.52	Midgut	3L:-:13840224-13840207	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_31721	IFDYGPGR	AGAP010961-PA	-	38	0.001859379	2	924.458	0.74	Midgut	3L:-:13840302-13840279	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_33707	EIPYEAYANEMPYLGMVISETNR	AGAP010961-PA	M11(Oxidation), M16(Oxidation)	65	3.97E-06	2	2722.230	-2.78	Midgut	3L:-:13839766-13839698	exon=> In CDS Exon 4 of transcript AGAP010961-PA
JHU_Ag_39067	AIIEQEIAR	AGAP010961-PA	-	67	2.06E-06	1	1042.588	-1.32	Salivary gland	3L:-:13840185-13840159	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_41305	KIFDYGPGR	AGAP010961-PA	-	46	0.000332024	2	1052.552	-0.8	Malpighian tubule	3L:-:13840305-13840279	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_44529	ETEFKELCAR	AGAP010961-PA	C8(Carbamidomethyl)	57	2.74E-05	1	1282.610	0.09	Malpighian tubule	3L:-:13840425-13840396	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_46700	YFPNPTVFDPER	AGAP010961-PA	-	77	2.67E-07	1	1481.705	-0.43	Salivary gland	3L:-:13839480-13839445	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_47967	GDFIDSMIALK	AGAP010961-PA	M7(Oxidation)	65	4.42E-06	1	1209.619	0.4	Salivary gland	3L:-:13840134-13840102	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_48626	DTEAFLK	AGAP010961-PA	-	45	0.000448058	1	823.419	-0.34	Salivary gland	3L:-:13840206-13840186	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_52983	GDFIDSMIALK	AGAP010961-PA	-	72	7.95E-07	2	1209.619	0.8	Midgut	3L:-:13840134-13840102	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_54825	AIIEQEIAR	AGAP010961-PA	-	56	2.58E-05	2	1042.589	-0.62	Midgut	3L:-:13840185-13840159	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_54952	LYPVLAFIER	AGAP010961-PA	-	37	0.000694004	2	1220.707	2.77	Visceras	3L:-:13839697-13839668	exon=> In CDS Exon 4 of transcript AGAP010961-PA
JHU_Ag_55812	SPSTPEVLTYR	AGAP010961-PA	-	43	0.000941432	1	1249.639	-2.5	Head	3L:-:13839297-13839265	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_56745	KIFDYGPGR	AGAP010961-PA	-	58	1.77E-05	2	1052.552	-0.57	Midgut	3L:-:13840305-13840279	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_59012	AIIEQEIAR	AGAP010961-PA	-	31	0.008056413	2	1042.588	-1.44	Head	3L:-:13840185-13840159	exon=> In CDS Exon 2 of transcript AGAP010961-PA

JHU_Ag_65563	ENLDQIQPCTYMPFGVGPR	AGAP010961-PA	C9(Carbamidomethyl), M12(Oxidation)	79	1.58E-07	1	2238.035	1.37	Midgut	3L:-:13839435-13839379	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_77539	YFPNPTVFDPER	AGAP010961-PA	-	42	0.000866769	2	1481.707	0.8	Head	3L:-:13839480-13839445	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_78534	TCLGSHFGTLQIK	AGAP010961-PA	C2(Carbamidomethyl)	75	5.79E-07	1	1461.752	0.31	Head	3L:-:13839378-13839340	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_82339	FTTDVIASTFFGMQANCLKDEQSEFR	AGAP010961-PA	M13(Oxidation), C17(Carbamidomethyl)	101	8.71E-10	1	3058.403	3.55	Salivary gland	3L:-:13840395-13840318	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_87679	SPSTPEVLTYR	AGAP010961-PA	-	55	4.43E-05	1	1249.641	-0.74	Midgut	3L:-:13839297-13839265	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_91845	ENLDQIQPCTYMPFGVGPR	AGAP010961-PA	C9(Carbamidomethyl), M12(Oxidation)	71	1.03E-06	2	2238.034	1.04	Salivary gland	3L:-:13839435-13839379	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_94405	IFDYGPGR	AGAP010961-PA	-	54	4.79E-05	2	924.459	1.2	Salivary gland	3L:-:13840302-13840279	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_100112	DTEAFLK	AGAP010961-PA	-	45	0.00043988	1	823.420	-0.04	Midgut	3L:-:13840206-13840186	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_100729	LYPVLAFIER	AGAP010961-PA	-	67	6.30E-07	2	1220.708	3.27	Salivary gland	3L:-:13839697-13839668	exon=> In CDS Exon 4 of transcript AGAP010961-PA
JHU_Ag_101959	KIFDYGPGR	AGAP010961-PA	-	64	5.23E-06	2	1052.552	-0.68	Salivary gland	3L:-:13840305-13840279	exon=> In CDS Exon 2 of transcript AGAP010961-PA
JHU_Ag_106048	YFPNPTVFDPER	AGAP010961-PA	-	62	9.10E-06	1	1481.705	-0.68	Midgut	3L:-:13839480-13839445	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_107095	TCLGSHFGTLQIK	AGAP010961-PA	C2(Carbamidomethyl)	67	3.72E-06	1	1461.752	0.23	Salivary gland	3L:-:13839378-13839340	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_108071	SPSTPEVLTYR	AGAP010961-PA	-	54	6.16E-05	1	1249.642	-0.25	Salivary gland	3L:-:13839297-13839265	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_115703	YFPNPTVFDPER	AGAP010961-PA	-	42	0.000858822	2	1481.707	0.72	Visceras	3L:-:13839480-13839445	exon=> In CDS Exon 5 of transcript AGAP010961-PA
JHU_Ag_6448	TAHLQIIVPETDFSLGFQR	AGAP010964-PA	-	65	3.08E-06	1	2172.146	0.48	Head	3L:+:13921548-13921604	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_12085	GHIDLGYSESDDR	AGAP010964-PA	-	65	2.27E-06	1	1463.639	-0.81	Male reproductive organs	3L:+:13921410-13921448	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_30566	GHIDLGYSESDDRLHK	AGAP010964-PA	-	50	0.000169619	2	1841.881	1.53	Head	3L:+:13921410-13921457	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_32953	GHIDLGYSESDDRLHK	AGAP010964-PA	-	55	4.88E-05	1	1841.877	-0.48	Midgut	3L:+:13921410-13921457	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_46687	GHIDLGYSESDDRLHK	AGAP010964-PA	-	45	0.000504101	1	1841.885	3.7	Ovary	3L:+:13921410-13921457	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_60863	GHIDLGYSESDDR	AGAP010964-PA	-	89	1.01E-08	1	1463.635	-3.39	Head	3L:+:13921410-13921448	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_66037	TAHLQIIVPETDFSLGFQR	AGAP010964-PA	-	63	4.65E-06	1	2172.154	4.1	Larva	3L:+:13921548-13921604	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_67691	TAHLQIIVPETDFSLGFQR	AGAP010964-PA	-	74	3.78E-07	1	2172.150	2.34	Midgut	3L:+:13921548-13921604	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_70336	TAHLQIIVPETDFSLGFQR	AGAP010964-PA	-	64	3.55E-06	1	2172.152	3.09	Visceras	3L:+:13921548-13921604	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_70795	TAHLQIIVPETDFSLGFQR	AGAP010964-PA	-	68	1.28E-06	1	2172.153	3.6	Malpighian tubule	3L:+:13921548-13921604	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_90546	TAHLQIIVPETDFSLGFQR	AGAP010964-PA	-	85	2.81E-08	1	2172.142	-1.29	Ovary	3L:+:13921548-13921604	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_96947	GHIDLGYSESDDR	AGAP010964-PA	-	96	1.76E-09	1	1463.638	-1.06	Ovary	3L:+:13921410-13921448	exon=> In CDS Exon 1 of transcript AGAP010964-PA
JHU_Ag_97773	DMELECEVTIPGTDYK	AGAP010964-PA	M2(Oxidation), C6(Carbamidomethyl)	68	1.01E-06	2	1915.833	1.37	Head	3L:+:13922109-13922156	exon=> In CDS Exon 2 of transcript AGAP010964-PA
JHU_Ag_6498	DSCLLENDIALAVLKR	AGAP010968-PA	C3(Carbamidomethyl)	40	0.000837545	1	1829.986	4.03	Ovary	3L:+:14000815-14000862	exon=> In CDS Exon 4 of transcript AGAP010968-PA

JHU_Ag_12678	DSCLLENDIALAVLKR	AGAP010968-PA	C3(Carbamidomethyl)	35	0.003053429	1	1829.985	3.33	Malpighian tubule	3L:+:14000815-14000862	exon=> In CDS Exon 4 of transcript AGAP010968-PA
JHU_Ag_15815	FVLTAAHTLK	AGAP010968-PA	-	48	0.000169203	1	1100.647	0.43	Head	3L:+:14000596-14000625	exon=> In CDS Exon 3 of transcript AGAP010968-PA
JHU_Ag_33213	FVLTAAHTLK	AGAP010968-PA	-	61	8.27E-06	1	1100.645	-0.83	Ovary	3L:+:14000596-14000625	exon=> In CDS Exon 3 of transcript AGAP010968-PA
JHU_Ag_49604	LTLVGGGSLIHPK	AGAP010968-PA	-	47	2.67E-05	2	1291.778	3.54	Ovary	3L:+:14000557-14000595	exon=> In CDS Exon 3 of transcript AGAP010968-PA
JHU_Ag_50655	RIELPVVPR	AGAP010968-PA	-	44	3.24E-05	1	1078.672	-0.73	Head	3L:+:14000995-14001021	exon=> In CDS Exon 4 of transcript AGAP010968-PA
JHU_Ag_66446	NVIYTEHIRPICLPSPTDVFDGQR	AGAP010968-PA	C12(Carbamidomethyl)	110	1.05E-10	1	2827.444	8.45	Ovary	3L:+:14000863-14000934	exon=> In CDS Exon 4 of transcript AGAP010968-PA
JHU_Ag_85930	DSCLLENDIALAVLKR	AGAP010968-PA	C3(Carbamidomethyl)	39	0.001155961	1	1829.982	1.62	Visceras	3L:+:14000815-14000862	exon=> In CDS Exon 4 of transcript AGAP010968-PA
JHU_Ag_98022	VDAPGIYVDVAK	AGAP010968-PA	-	64	6.03E-06	2	1246.670	1.41	Head	3L:+:14001217-14001252	exon=> In CDS Exon 4 of transcript AGAP010968-PA
JHU_Ag_100423	RAEVDYSFK	AGAP010968-PA	-	44	0.000404832	2	1114.554	1.42	Ovary	3L:+:14001046-14001072	exon=> In CDS Exon 4 of transcript AGAP010968-PA
JHU_Ag_102927	RAEVDYSFK	AGAP010968-PA	-	48	0.000173211	1	1114.551	-1.54	Head	3L:+:14001046-14001072	exon=> In CDS Exon 4 of transcript AGAP010968-PA
JHU_Ag_9199	EIVDLVLDR	AGAP010971-PA	-	49	0.000159933	2	1071.605	0.6	Salivary gland	3L:-:14342387-14342361	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_11959	AYHEQLSVSEITNACFEPANQMVK	AGAP010971-PA	C15(Carbamidomethyl)	62	7.42E-06	1	2766.288	0.49	Visceras	3L:-:14341883-14341812	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_18983	EIVDLVLDR	AGAP010971-PA	-	61	1.15E-05	2	1071.606	0.94	Head	3L:-:14342387-14342361	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_38770	GHYTIGKEIVDLVLDR	AGAP010971-PA	-	117	1.94E-11	1	1827.996	-0.28	Male reproductive organs	3L:-:14342408-14342361	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_67797	EIVDLVLDR	AGAP010971-PA	-	39	0.001554957	2	1071.608	3.22	Larva	3L:-:14342387-14342361	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_67962	EIVDLVLDR	AGAP010971-PA	-	45	0.00043948	2	1071.605	0.48	Visceras	3L:-:14342387-14342361	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_84927	DYEEVGMDSGDGEGEGAEEY	AGAP010971-PA	M7(Oxidation)	73	2.51E-09	2	2153.770	4.2	Male reproductive organs	3L:-:14341433-14341374	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_90157	EIVDLVLDR	AGAP010971-PA	-	54	5.37E-05	2	1071.605	0.37	Pupa	3L:-:14342387-14342361	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_94614	AYHEQLSVSEITNACFEPANQMVK	AGAP010971-PA	C15(Carbamidomethyl), M22(Oxidation),"N13(Deamidated), C15(Carbamidomethyl), M22(Oxidation)"	89	1.33E-08	1	2782.285	1.3	Male reproductive organs	3L:-:14341883-14341812	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_101878	EIVDLVLDR	AGAP010971-PA	-	67	2.80E-06	1	1071.604	-0.7	Male reproductive organs	3L:-:14342387-14342361	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_116399	AYHEQLSVSEITNACFEPANQMVK	AGAP010971-PA	C15(Carbamidomethyl), M22(Oxidation)	40	0.001189011	1	2782.284	1.04	Head	3L:-:14341883-14341812	exon=> In CDS Exon 1 of transcript AGAP010971-PA
JHU_Ag_35352	SLAFPAVPGER	AGAP010975-PA	-	52	7.99E-05	1	1143.617	1.4	Malpighian tubule	3L:-:14402140-14402108	exon=> In CDS Exon 6 of transcript AGAP010975-PA
JHU_Ag_37753	DDSLTAFVCR	AGAP010975-PA	C9(Carbamidomethyl)	73	5.73E-07	2	1183.544	2.31	Malpighian tubule	3L:-:14402590-14402561	exon=> In CDS Exon 5 of transcript AGAP010975-PA
JHU_Ag_74635	SYIRPYTEVTEISPLLSNGAGAK	AGAP010975-PA	N18(Deamidated)	106	2.04E-10	1	2466.292	1.95	Malpighian tubule	3L:-:14402879-14402811	exon=> In CDS Exon 4 of transcript AGAP010975-PA
JHU_Ag_93419	KSYIRPYTEVTEISPLLSNGAGAK	AGAP010975-PA	-	90	4.81E-09	1	2594.400	6.56	Malpighian tubule	3L:-:14402882-14402811	exon=> In CDS Exon 4 of transcript AGAP010975-PA
JHU_Ag_13980	FFQLEEFINK	AGAP010978-PA	-	67	2.64E-06	1	1314.675	1.65	Ovary	3L:+:14425520-14425549	exon=> In CDS Exon 2 of transcript AGAP010978-PA

JHU_Ag_19433	IGQIDLER	AGAP010978-PA	-	40	0.001212613	1	943.521	0.16	Malpighian tubule	3L:+:14425781-14425804	exon=> In CDS Exon 2 of transcript AGAP010978-PA
JHU_Ag_43625	IGQIDLER	AGAP010978-PA	-	59	1.92E-05	2	943.520	-0.62	Ovary	3L:+:14425781-14425804	exon=> In CDS Exon 2 of transcript AGAP010978-PA
JHU_Ag_58337	IVALNEAVMK	AGAP010978-PA	M9(Oxidation)	63	4.92E-06	2	1103.614	0.98	Ovary	3L:+:14425646-14425675	exon=> In CDS Exon 2 of transcript AGAP010978-PA
JHU_Ag_105629	QMYEDLKEVIEHLNDANK	AGAP010978-PA	M2(Oxidation)	87	3.58E-08	1	2205.051	0.62	Ovary	3L:+:14425850-14425903	exon=> In CDS Exon 2 of transcript AGAP010978-PA
JHU_Ag_115607	GQTYSMAETLDSQLK	AGAP010978-PA	M6(Oxidation)	113	5.55E-11	1	1687.788	1.99	Ovary	3L:+:14425805-14425849	exon=> In CDS Exon 2 of transcript AGAP010978-PA
JHU_Ag_117664	YTDPNDPLVQIGK	AGAP010978-PA	-	80	1.78E-07	1	1459.741	-1.47	Ovary	3L:+:14425904-14425942	exon=> In CDS Exon 2 of transcript AGAP010978-PA
JHU_Ag_60434	FIDILDQLDTK	AGAP010983-PA	-	72	9.54E-07	1	1320.707	1.86	Head	3L:+:14479259-14479291	exon=> In CDS Exon 1 of transcript AGAP010983-PA
JHU_Ag_80429	LGTVELNVCTVR	AGAP010983-PA	C9(Carbamidomethyl)	47	0.000307848	2	1360.731	4.05	Ovary	3L:+:14480596-14480631	exon=> In CDS Exon 2 of transcript AGAP010983-PA
JHU_Ag_86525	DQAQEDSLHHVNSLIDLIIASADPVISR	AGAP010983-PA	-	40	0.000971015	1	3056.561	-1.2	Ovary	3L:+:14480632-14480715	exon=> In CDS Exon 2 of transcript AGAP010983-PA
JHU_Ag_94525	NNEYLSGLNENEREEIDCYVQR	AGAP010983-PA	C18(Carbamidomethyl)	47	0.000169489	1	2744.228	2.28	Midgut	3L:+:14479370-14479400,14480549-14480583	exon=> In CDS Exon 1 and 2 of transcript AGAP010983-PA
JHU_Ag_21990	SHLPMALLPRQLWTVKPR	AGAP010987-PA	M5(Oxidation)	41	0.000285 78	1	2159.199	-12.82	Malpighian tubule	3L:-:14490921-14490868	exon=> In CDS Exon 3 of transcript AGAP010987-PA
JHU_Ag_36218	EAFLDGLLEDR	AGAP010987-PA	-	59	2.54E-05	1	1277.630	-5.47	Ovary	3L:-:14490780-14490748	exon=> In CDS Exon 3 of transcript AGAP010987-PA
JHU_Ag_32469	SRNLLDR	AGAP010990-PA	N3(Deamidated)	36	0.006234228	1	874.474	-0.74	Head	3L:+:14519463-14519483	exon=> In CDS Exon 2 of transcript AGAP010990-PA
JHU_Ag_16473	LIDNILALPTK	AGAP011022-PA	N4(Deamidated)	36	0.000815603	2	1211.726	1.03	Head	3L:-:14575750-14575718	exon=> In CDS Exon 2 of transcript AGAP011022-PA
JHU_Ag_38571	LIDNILALPTK	AGAP011022-PA	N4(Deamidated)	36	0.000892234	2	1211.726	1.03	Malpighian tubule	3L:-:14575750-14575718	exon=> In CDS Exon 2 of transcript AGAP011022-PA
JHU_Ag_81944	ASLLQEPR	AGAP011025-PA	Q5(Deamidated)	38	0.0017921	2	914.505	12.05	Midgut	3L:+:14581628-14581651	exon=> In CDS Exon 2 of transcript AGAP011025-PA
JHU_Ag_1296	YDTIEGDYPLVVKK	AGAP011026-PA	-	99	1.38E-09	1	1639.859	0.6	Salivary gland	3L:-:14585050-14585009	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_1537	LGTQVIGTTEVFLDR	AGAP011026-PA	-	119	1.37E-11	1	1648.889	-0.81	Salivary gland	3L:-:14584744-14584700	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_1805	ELPPDAMTLGNHEFDHSPK	AGAP011026-PA	M7(Oxidation)	143	7.36E-14	1	2134.991	1.96	Salivary gland	3L:-:14585687-14585892,14585381-14585555	exon=> In CDS Exon 3 and 2 of transcript AGAP011026-PA
JHU_Ag_1814	MKIPTVVANLEK	AGAP011026-PA	M1(Oxidation), N9(Deamidated),M1(Oxidation)	87	1.35E-08	1	1342.777	0.59	Salivary gland	3L:-:14585521-14585486	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_2079	DQIYYVVVPSYLADGK	AGAP011026-PA	Q2(Deamidated)	74	5.33E-07	2	1829.938	3.21	Head	3L:-:14584181-14584134	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_2555	YDTIEGDYPLVVK	AGAP011026-PA	-	84	5.22E-08	1	1511.767	2.84	Head	3L:-:14585050-14585012	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_2966	DQIYYVVVPSYLADGK	AGAP011026-PA	-	47	0.000270795	1	1829.938	3.28	Ovary	3L:-:14584181-14584134	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_3015	VVIENHTNGTCSWDLDSQR	AGAP011026-PA	N8(Deamidated), C11(Carbamidomethyl),C11(Carbamidomethyl),"N5(Deamidated), C11(Carbamidomethyl)"	154	4.32E-15	1	2232.002	1.32	Salivary gland	3L:-:14584010-14583954	exon=> In CDS Exon 7 of transcript AGAP011026-PA

JHU_Ag_3125	DQIYYVVVPSYLADGK	AGAP011026-PA	-	63	8.24E-06	1	1829.939	4.01	Visceras	3L:-:14584181-14584134	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_6082	LGTQVIGTTEVFLDR	AGAP011026-PA	-	93	4.36E-09	1	1648.900	5.85	Ovary	3L:-:14584744-14584700	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_7314	VQSIDIVGANGAK	AGAP011026-PA	-	49	0.000141035	2	1271.698	1.94	Malpighian tubule	3L:-:14584235-14584197	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_8891	IPTVVANLEKNGEPALK	AGAP011026-PA	N11(Deamidated)	131	3.50E-13	1	1794.004	1.53	Salivary gland	3L:-:14585515-14585465	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_9167	GLAPYLAELEKMK	AGAP011026-PA	M12(Oxidation)	83	4.84E-08	1	1478.794	1.16	Salivary gland	3L:-:14585554-14585516	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_10415	MKIPTVVANLEK	AGAP011026-PA	M1(Oxidation)	31	0.005822238	1	1358.773	1	Ovary	3L:-:14585521-14585486	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_11614	SIVLKVGNR	AGAP011026-PA	-	42	0.000366572	2	985.614	-1.11	Salivary gland	3L:-:14585446-14585420	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_11890	KNVNIIVVLSHCGLDGDK	AGAP011026-PA	C12(Carbamidomethyl)	152	6.11E-15	1	1981.056	1.17	Salivary gland	3L:-:14585206-14585153	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_12002	MKIPTVVANLEK	AGAP011026-PA	M1(Oxidation)	88	9.06E-09	2	1358.775	2.7	Head	3L:-:14585521-14585486	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_13724	YNTAQVSGMAVVADLSK	AGAP011026-PA	M9(Oxidation),"N2(Deamidated), M9(Oxidation)"	159	1.80E-15	1	1753.879	0.26	Salivary gland	3L:-:14584301-14584251	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_19338	APFPLTLIHINDLHAR	AGAP011026-PA	N11(Deamidated)	131	3.31E-13	1	1828.026	1.91	Salivary gland	3L:-:14586008-14586101,14585667-14585892	exon=> In CDS Exon 2 and 1 of transcript AGAP011026-PA
JHU_Ag_19511	NVNIIVVLSHCGLDGDK	AGAP011026-PA	C11(Carbamidomethyl)	72	6.76E-07	1	1852.967	4.36	Visceras	3L:-:14585203-14585153	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_20817	KEAQELK	AGAP011026-PA	-	51	0.000193967	2	845.472	-0.34	Salivary gland	3L:-:14585230-14585210	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_22543	NPIEK	AGAP011026-PA	-	35	0.001046699	1	600.335	0.14	Salivary gland	3L:-:14584511-14584497	exon=> In CDS Exon 6 of transcript AGAP011026-PA
JHU_Ag_22700	NPIEKGDITNGLAIEAAPYGSSVDMIK	AGAP011026-PA	N1(Deamidated),M25(Oxidation),"N1(Deamidated), M25(Oxidation)","N10(Deamidated), M25(Oxidation)",N10(Deamidated)	166	2.77E-16	1	2803.416	-0.74	Salivary gland	3L:-:14584511-14584565,14583939-14584365	exon=> In CDS Exon 7 and 6 of transcript AGAP011026-PA
JHU_Ag_22935	THLVAQTGMVTLTNSIEAVRK	AGAP011026-PA	Q6(Deamidated),N14(Deamidated),"M9(Oxidation), N14(Deamidated)",M9(Oxidation)	174	2.11E-17	1	2269.237	1.43	Salivary gland	3L:-:14585386-14585590,14584994-14585228	exon=> In CDS Exon 4 and 3 of transcript AGAP011026-PA
JHU_Ag_25287	VTGPLDSDVLIEYVR	AGAP011026-PA	-	140	1.33E-13	1	1675.886	-2.41	Salivary gland	3L:-:14584097-14584053	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_28415	NGEPALK	AGAP011026-PA	N1(Deamidated)	49	4.16E-05	2	729.377	-0.41	Salivary gland	3L:-:14585485-14585465	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_30137	RLGTQVIGTTEVFLDR	AGAP011026-PA	-	93	3.40E-09	1	1804.990	-1.17	Salivary gland	3L:-:14584747-14584700	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_30887	GTNRVTGPLDSDVLIEYVR	AGAP011026-PA	N3(Deamidated)	113	4.80E-11	1	2104.103	-0.28	Salivary gland	3L:-:14584109-14584053	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_32347	VYHTIK	AGAP011026-PA	-	43	0.000681611	1	760.435	0.02	Salivary gland	3L:-:14585822-14585805	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_33886	ECIAGIAR	AGAP011026-PA	C2(Carbamidomethyl)	55	5.53E-05	1	889.458	1.62	Salivary gland	3L:-:14585846-14585823	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_34269	VTGPLDSDVLIEYVR	AGAP011026-PA	-	140	1.12E-13	1	1675.897	3.85	Visceras	3L:-:14584097-14584053	exon=> In CDS Exon 7 of transcript AGAP011026-PA

JHU_Ag_36342	TKNPLYLNAGDNFQGTLWYNLLR	AGAP011026-PA	N8(Deamidated),N12(Deamidated)	191	8.07E-19	1	2711.401	2.49	Salivary gland	3L:-:14585783-14585715	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_36368	RLGTQVIGTTEVFLDR	AGAP011026-PA	-	74	2.71E-07	1	1804.994	1.54	Head	3L:-:14584747-14584700	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_37529	NGEPALKDSK	AGAP011026-PA	N1(Deamidated)	67	3.92E-06	1	1059.532	0.05	Salivary gland	3L:-:14585485-14585456	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_40625	VPYDTK	AGAP011026-PA	-	39	0.001650481	1	722.373	1.52	Salivary gland	3L:-:14585068-14585051	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_40849	VGVIGALYDK	AGAP011026-PA	-	47	0.000112241	2	1034.591	2.77	Head	3L:-:14585416-14585387	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_41694	YDTIEGDYPLVVKK	AGAP011026-PA	-	53	4.70E-05	2	1639.867	5.74	Head	3L:-:14585050-14585009	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_44761	IPTVVANLEK	AGAP011026-PA	-	73	2.22E-07	1	1083.639	-1.67	Salivary gland	3L:-:14585515-14585486	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_45721	DQIYYVVVPSYLADGK	AGAP011026-PA	-	137	3.29E-13	1	1829.937	2.88	Salivary gland	3L:-:14584181-14584134	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_45826	GDITNGLAIEAAPYGSSVDMIK	AGAP011026-PA	M20(Oxidation)	72	1.17E-06	2	2238.100	1.65	Visceras	3L:-:14584496-14584565,14583939-14584365	exon=> In CDS Exon 7 and 6 of transcript AGAP011026-PA
JHU_Ag_46288	FDETNQK	AGAP011026-PA	-	47	0.000168068	2	881.400	-0.02	Salivary gland	3L:-:14585891-14585871	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_50999	LSGADLWSAIDHSFTLDDEFR	AGAP011026-PA	-	43	0.000724312	2	2395.125	1.93	Visceras	3L:-:14584364-14584302	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_51692	NVNIIVVLSHCGLDGDK	AGAP011026-PA	C11(Carbamidomethyl)	92	7.77E-09	2	1852.968	5.22	Head	3L:-:14585203-14585153	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_52547	IPTVVANLEK	AGAP011026-PA	-	48	6.04E-05	1	1083.645	3.92	Head	3L:-:14585515-14585486	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_55520	VTGPLDSDVLIEYVR	AGAP011026-PA	-	140	1.09E-13	1	1675.900	5.6	Head	3L:-:14584097-14584053	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_59143	GDITNGLAIEAAPYGSSVDMIK	AGAP011026-PA	N5(Deamidated),M20(Oxidation),"N5(Deamidated),M20(Oxidation)"	157	3.17E-15	1	2239.079	-0.51	Salivary gland	3L:-:14584496-14584565,14583939-14584365	exon=> In CDS Exon 7 and 6 of transcript AGAP011026-PA
JHU_Ag_59938	DGFAMLK	AGAP011026-PA	M5(Oxidation)	50	9.35E-05	2	797.387	0.33	Salivary gland	3L:-:14584133-14584113	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_61679	GLAPYLAELEK	AGAP011026-PA	-	85	3.46E-08	1	1203.664	1.84	Salivary gland	3L:-:14585554-14585522	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_63217	YDTIEGDYPLVVK	AGAP011026-PA	-	82	8.36E-08	1	1511.766	2.27	Visceras	3L:-:14585050-14585012	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_65225	LGTQVIGTTEVFLDRESCR	AGAP011026-PA	C18(Carbamidomethyl)	106	3.54E-10	1	2181.101	1.63	Salivary gland	3L:-:14584744-14584688	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_65635	KVGVIGALYDK	AGAP011026-PA	-	78	4.32E-08	1	1162.684	0.79	Salivary gland	3L:-:14585419-14585387	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_66292	VTGPLDSDVLIEYVRK	AGAP011026-PA	-	117	1.49E-11	1	1803.991	3.44	Salivary gland	3L:-:14584097-14584050	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_70092	RLGTQVIGTTEVFLDR	AGAP011026-PA	-	55	1.87E-05	2	1804.996	2.28	Visceras	3L:-:14584747-14584700	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_70218	IPTVVANLEK	AGAP011026-PA	-	42	0.000271049	2	1083.641	0.02	Ovary	3L:-:14585515-14585486	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_71224	GLAPYLAELEK	AGAP011026-PA	-	76	3.38E-07	2	1203.664	1.84	Head	3L:-:14585554-14585522	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_73276	YNTAQVSGMAVVADLSK	AGAP011026-PA	M9(Oxidation)	135	4.16E-13	1	1769.879	3.13	Visceras	3L:-:14584301-14584251	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_74616	LGTQVIGTTEVFLDR	AGAP011026-PA	-	107	1.75E-10	1	1648.894	2.3	Visceras	3L:-:14584744-14584700	exon=> In CDS Exon 5 of transcript AGAP011026-PA

JHU_Ag_75870	ELEPWRAEVK	AGAP011026-PA	-	46	0.000274863	1	1256.665	0.93	Salivary gland	3L:-:14584777-14584748	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_78590	APFPLTLIHINDLHAR	AGAP011026-PA	-	90	4.39E-09	1	1828.025	1.31	Visceras	3L:-:14586008-14586101,14585667-14585892	exon=> In CDS Exon 2 and 1 of transcript AGAP011026-PA
JHU_Ag_78662	SSTCTNSK	AGAP011026-PA	C4(Carbamidomethyl)	33	0.00113747	2	884.379	0.77	Salivary gland	3L:-:14585870-14585847	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_79485	APFPLTLIHINDLHAR	AGAP011026-PA	-	123	1.83E-12	1	1828.029	3.26	Head	3L:-:14586008-14586101,14585667-14585892	exon=> In CDS Exon 2 and 1 of transcript AGAP011026-PA
JHU_Ag_80189	THLVAQTGMVTLTNSIEAVR	AGAP011026-PA	M9(Oxidation)	106	1.94E-10	1	2141.143	2.16	Head	3L:-:14585386-14585590,14584994-14585231	exon=> In CDS Exon 4 and 3 of transcript AGAP011026-PA
JHU_Ag_80518	ELPPDAMTLGNHEFDHSPK	AGAP011026-PA	M7(Oxidation)	57	3.18E-05	1	2134.988	0.75	Head	3L:-:14585687-14585892,14585381-14585555	exon=> In CDS Exon 3 and 2 of transcript AGAP011026-PA
JHU_Ag_81308	YDTIEGDYPLVVK	AGAP011026-PA	-	98	2.03E-09	1	1511.764	0.98	Salivary gland	3L:-:14585050-14585012	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_83011	THLVAQTGMVTLTNSIEAVR	AGAP011026-PA	N14(Deamidated),"M9(Oxidation), N14(Deamidated)",M9(Oxidation)	200	9.53E-20	1	2157.138	2.39	Salivary gland	3L:-:14585386-14585590,14584994-14585231	exon=> In CDS Exon 4 and 3 of transcript AGAP011026-PA
JHU_Ag_83502	QDEEVLRELEPWR	AGAP011026-PA	-	100	1.36E-09	1	1698.849	2.47	Salivary gland	3L:-:14584798-14584760	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_85873	VQSIDIVGANGAK	AGAP011026-PA	-	39	0.00149704	2	1271.695	-0.56	Visceras	3L:-:14584235-14584197	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_86532	NVNIIVVLSHCGLDGDK	AGAP011026-PA	C11(Carbamidomethyl)	138	1.77E-13	1	1852.961	1.33	Salivary gland	3L:-:14585203-14585153	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_87497	LSGADLWSAIDHSFTLDDEFR	AGAP011026-PA	-	201	9.35E-20	1	2395.125	1.82	Salivary gland	3L:-:14584364-14584302	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_88512	VGVIGALYDKTHLVAQTGMVTLTNSIEAVR	AGAP011026-PA	N24(Deamidated),M19(Oxidation)	202	1.69E-20	1	3156.723	4.38	Salivary gland	3L:-:14585416-14585590,14584994-14585231	exon=> In CDS Exon 4 and 3 of transcript AGAP011026-PA
JHU_Ag_89275	NPLYLNAGDNFQGTLWYNLLR	AGAP011026-PA	-	175	4.34E-17	1	2482.258	2.45	Salivary gland	3L:-:14585777-14585715	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_89280	KDQIYYVVVPSYLADGK	AGAP011026-PA	-	58	1.85E-05	1	1958.036	4.5	Head	3L:-:14584184-14584134	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_89406	LGTQVIGTTEVFLDR	AGAP011026-PA	-	116	2.11E-11	1	1648.898	4.23	Head	3L:-:14584744-14584700	exon=> In CDS Exon 5 of transcript AGAP011026-PA
JHU_Ag_90013	DQIYYVVVPSYLADGKDGFAMLK	AGAP011026-PA	Q2(Deamidated),M21(Oxidation)	109	1.98E-10	1	2608.304	1.17	Salivary gland	3L:-:14584181-14584113	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_91041	RVVIENHTNGTCSWDLDSQR	AGAP011026-PA	N9(Deamidated), C12(Carbamidomethyl),"N6(Deamidated), C12(Carbamidomethyl)",C12(Carbamidomethyl)	132	8.14E-13	1	2387.112	-1.39	Salivary gland	3L:-:14584013-14583954	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_91301	ECIAGIAR	AGAP011026-PA	C2(Carbamidomethyl)	51	0.000115565	2	889.457	0.66	Head	3L:-:14585846-14585823	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_94774	QDEEVLR	AGAP011026-PA	-	48	0.000233951	2	888.444	1.79	Salivary gland	3L:-:14584798-14584778	exon=> In CDS Exon 5 of transcript AGAP011026-PA

JHU_Ag_96829	SSTCTNSKECIAGIAR	AGAP011026-PA	C4(Carbamidomethyl), N6(Deamidated), C10(Carbamidomethyl),"C 4(Carbamidomethyl), C10(Carbamidomethyl)"	99	1.90E-09	2	1754.818	1.33	Salivary gland	3L:-:14585870-14585823	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_97641	QLAEEAGDLIDVIVGAHSHSLLLNK	AGAP011026-PA	-	138	8.38E-14	1	2642.426	4.16	Head	3L:-:14585152-14585078	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_97642	KDQIYYVVVPSYLADGK	AGAP011026-PA	-	127	2.26E-12	1	1958.029	1.13	Salivary gland	3L:-:14584184-14584134	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_97702	QLAEEAGDLIDVIVGAHSHSLLLNK	AGAP011026-PA	-	223	2.88E-22	1	2642.417	0.91	Salivary gland	3L:-:14585152-14585078	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_98219	VQSIDIVGANGAK	AGAP011026-PA	N10(Deamidated)	80	1.07E-07	2	1271.699	2.99	Head	3L:-:14584235-14584197	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_102459	DGFAMLK	AGAP011026-PA	-	40	0.001056 91	2	781.391	-0.07	Head	3L:-:14584133-14584113	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_103352	GDITNGLAIEAAPYGSSVDMIK	AGAP011026-PA	M20(Oxidation),"N5(Dea midated), M20(Oxidation)"	82	1.07E-07	2	2238.098	1	Head	3L:-:14584496-14584565,145839 39-14584365	exon=> In CDS Exon 7 and 6 of transcript AGAP011026-PA
JHU_Ag_103513	VPYDTKYDTIEGDYPLVVK	AGAP011026-PA	-	166	4.05E-16	1	2215.117	0.01	Salivary gland	3L:-:14585068-14585012	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_104158	LSGADLWSAIDHSFTLDDEFRYNTAQV SGMAVVADLSK	AGAP011026-PA	M30(Oxidation)	146	2.20E-14	1	4145.977	0.23	Salivary gland	3L:-:14584364-14584251	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_105728	QLAEEAGDLIDVIVGAHSHSLLLNKDA K	AGAP011026-PA	-	70	5.06E-07	1	2956.574	-0.12	Salivary gland	3L:-:14585152-14585069	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_107253	VTGPLDSDVLIEYVR	AGAP011026-PA	-	125	4.35E-12	1	1675.893	1.81	Ovary	3L:-:14584097-14584053	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_107729	DGFAMLKK	AGAP011026-PA	M5(Oxidation)	55	3.37E-05	1	925.481	-0.24	Salivary gland	3L:-:14584133-14584110	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_107792	IPTVVANLEK	AGAP011026-PA	-	35	0.001448 932	2	1083.641	0.36	Visceras	3L:-:14585515-14585486	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_109263	THLVAQTGMVTLTNSIEAVR	AGAP011026-PA	-	57	1.63E-05	3	2141.145	3.27	Visceras	3L:-:14585386-14585590,145849 94-14585231	exon=> In CDS Exon 4 and 3 of transcript AGAP011026-PA
JHU_Ag_110572	TMFQEK	AGAP011026-PA	M2(Oxidation)	35	0.002017 538	1	799.366	0.42	Salivary gland	3L:-:14584031-14584014	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_110931	YNTAQVSGMAVVADLSK	AGAP011026-PA	M9(Oxidation)	144	6.42E-14	2	1753.884	2.76	Head	3L:-:14584301-14584251	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_111047	QLAEEAGDLIDVIVGAHSHSLLLNK	AGAP011026-PA	-	83	2.93E-08	1	2642.421	2.31	Visceras	3L:-:14585152-14585078	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_111379	VGVIGALYDK	AGAP011026-PA	-	92	4.96E-09	1	1034.588	-0.41	Salivary gland	3L:-:14585416-14585387	exon=> In CDS Exon 3 of transcript AGAP011026-PA
JHU_Ag_112596	NVNIIVVLSHCGLDGDKQLAEEAGDLI DVIVGAHSHSLLLNK	AGAP011026-PA	C11(Carbamidomethyl)	157	4.78E-16	1	4476.362	1.36	Salivary gland	3L:-:14585203-14585078	exon=> In CDS Exon 4 of transcript AGAP011026-PA
JHU_Ag_113801	THLVAQTGMVTLTNSIEAVRK	AGAP011026-PA	M9(Oxidation)	86	1.65E-08	1	2285.231	1.39	Head	3L:-:14585386-14585590,145849 94-14585228	exon=> In CDS Exon 4 and 3 of transcript AGAP011026-PA
JHU_Ag_116148	VQSIDIVGANGAK	AGAP011026-PA	Q2(Deamidated), N10(Deamidated),N10(De amidated)	110	1.67E-10	1	1272.677	-1.91	Salivary gland	3L:-:14584235-14584197	exon=> In CDS Exon 7 of transcript AGAP011026-PA
JHU_Ag_116870	SSTCTNSKECIAGIAR	AGAP011026-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	45	0.000491 053	1	1754.818	1.29	Malpighian tubule	3L:-:14585870-14585823	exon=> In CDS Exon 2 of transcript AGAP011026-PA
JHU_Ag_117774	ECIAGIAR	AGAP011026-PA	C2(Carbamidomethyl)	38	0.002459 381	2	889.456	-0.58	Visceras	3L:-:14585846-14585823	exon=> In CDS Exon 2 of transcript AGAP011026-PA

JHU_Ag_32354	SIVLK	AGAP011026-PA,AGAP008242-PA	-	32	0.002193149	1	559.381	0.12	Salivary gland	3L:-:14585446-14585432;3R:-:7605980-7605966	exon=> In CDS Exon 3 of transcript AGAP011026-PA;exon=> In CDS Exon 1 of transcript AGAP008242-PA
JHU_Ag_85339	IGLATVLANFR	AGAP011028-PA,AGAP011029-PA	-	67	7.08E-07	2	1174.696	1.08	Head	3L:-:14601382-14601350;3L:-:14611043-14611011	exon=> In CDS Exon 2 of transcript AGAP011028-PA;exon=> In CDS Exon 2 of transcript AGAP011029-PA
JHU_Ag_31905	AEMVQLANYQHFR	AGAP011032-PA	M3(Oxidation)	95	5.87E-09	1	1622.775	0.54	Male reproductive organs	3L:+:14762162-14762200	exon=> In CDS Exon 1 of transcript AGAP011032-PA
JHU_Ag_37466	EAAGVPR	AGAP011032-PA	-	37	0.001284563	2	699.379	0.09	Male reproductive organs	3L:+:14762075-14762095	exon=> In CDS Exon 1 of transcript AGAP011032-PA
JHU_Ag_60996	DVVLNPFFQGLTR	AGAP011032-PA	-	92	5.52E-09	1	1505.814	1.73	Male reproductive organs	3L:+:14762123-14762161	exon=> In CDS Exon 1 of transcript AGAP011032-PA
JHU_Ag_83395	RPERPAEENLR	AGAP011032-PA	-	58	1.97E-05	2	1366.719	0.28	Male reproductive organs	3L:+:14762201-14762233	exon=> In CDS Exon 1 of transcript AGAP011032-PA
JHU_Ag_103320	LESSLTLLK	AGAP011032-PA	-	43	0.000181647	2	1003.603	-0.66	Male reproductive organs	3L:+:14761736-14761762	exon=> In CDS Exon 1 of transcript AGAP011032-PA
JHU_Ag_107583	ADSNVYGFFYQGDGRK	AGAP011032-PA	-	117	2.37E-11	1	1823.833	-1.09	Male reproductive organs	3L:+:14762390-14762437	exon=> In CDS Exon 1 of transcript AGAP011032-PA
JHU_Ag_8121	DTNPGLFVPIDFHGGLLDPNTR	AGAP011034-PA	-	78	2.00E-07	1	2395.209	2.16	Head	3L:+:15317454-15317519	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_24866	YPQLADDPGNVAFQR	AGAP011034-PA	-	84	6.83E-08	1	1690.823	2.44	Head	3L:+:15318480-15318524	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_49688	VVQVGDVEFNSYDAR	AGAP011034-PA	-	95	5.35E-09	2	1697.818	2.75	Head	3L:+:15317019-15317063	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_62820	YGPAQGTLDAVSDLR	AGAP011034-PA	-	57	3.87E-05	2	1562.783	1.3	Head	3L:+:15316623-15316667	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_63843	SYVYNYDEFGR	AGAP011034-PA	-	52	4.52E-05	2	1412.614	1.56	Head	3L:+:15315324-15315356	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_72832	GRVVTSLNMGLVGVR	AGAP011034-PA	-	38	0.001052761	1	1557.882	-4.7	Salivary gland	3L:+:15312978-15313022	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_97169	IHPHQSGK	AGAP011034-PA	-	43	0.000896219	2	903.469	-12.04	Visceras	3L:+:15316296-15316319	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_115055	YVYDENGNIIGILEQGDK	AGAP011034-PA	N6(Deamidated)	67	2.72E-06	2	2041.000	11.84	Head	3L:+:15316935-15316988	exon=> In CDS Exon 9 of transcript AGAP011034-PA
JHU_Ag_92587	LFAIVPSNRTEEQLK	AGAP011041-PA,AGAP012503-PA	N8(Deamidated), Q13(Deamidated)	30	0.009727576	1	1746.938	6.34	Head	3L:+:15512739-15512783;UNKN:+:9175066-9175110	exon=> In CDS Exon 2 of transcript AGAP011041-PA;exon=> In CDS Exon 2 of transcript AGAP012503-PA
JHU_Ag_38566	APKVYYK	AGAP011046-PA,AGAP011047-PA	-	31	0.006057415	1	868.500	7.93	Ovary	3L:+:15747034-15747054;3L:-:15744201-15744181	exon=> In CDS Exon 2 of transcript AGAP011046-PA;exon=> In CDS Exon 1 of transcript AGAP011047-PA
JHU_Ag_4859	VYELQQKLDAVER	AGAP011049-PA	Q5(Deamidated), Q6(Deamidated)	38	0.001759037	1	1592.840	14.56	Larva	3L:+:15767054-15767092	exon=> In CDS Exon 1 of transcript AGAP011049-PA
JHU_Ag_65588	RFNER	AGAP011049-PA	N3(Deamidated)	33	0.005746769	2	722.360	2.24	Head	3L:+:15769424-15769438	exon=> In CDS Exon 3 of transcript AGAP011049-PA
JHU_Ag_75309	VYELQQKLDAVER	AGAP011049-PA	Q5(Deamidated), Q6(Deamidated)	31	0.009995482	1	1592.833	10.27	Midgut	3L:+:15767054-15767092	exon=> In CDS Exon 1 of transcript AGAP011049-PA
JHU_Ag_31	VLAAATIKPVTNQIECHPYLTQSK	AGAP011050-PA	C16(Carbamidomethyl)	124	2.12E-12	1	2682.427	-0.67	Salivary gland	3L:-:15774944-15774873	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_1622	DDVAQIDTFDCNGR	AGAP011050-PA	C11(Carbamidomethyl), N12(Deamidated)	45	8.67E-05	2	1626.672	1.18	Malpighian tubule	3L:-:15774608-15774567	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_2011	DAIDIGYR	AGAP011050-PA	-	47	0.000321978	2	922.464	0.69	Salivary gland	3L:-:15775352-15775329	exon=> In CDS Exon 2 of transcript AGAP011050-PA

JHU_Ag_3143	IASNFEVFDFELTK	AGAP011050-PA	-	72	8.47E-07	2	1659.830	2.38	Midgut	3L:-:15774650-15774609	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_5678	YNKTPAQILIR	AGAP011050-PA	-	62	2.36E-06	1	1316.769	0.48	Malpighian tubule	3L:-:15774737-15774705	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_9038	LSPFCTER	AGAP011050-PA	C5(Carbamidomethyl)	41	0.000896156	1	1009.478	1.24	Malpighian tubule	3L:-:15774872-15774849	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_11542	DAIDIGYR	AGAP011050-PA	-	52	0.000111378	2	922.465	2.74	Malpighian tubule	3L:-:15775352-15775329	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_11879	HIDCAHVYQNEHEVGEGVK	AGAP011050-PA	C4(Carbamidomethyl)	117	2.07E-11	1	2221.010	0.29	Midgut	3L:-:15775328-15775272	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_13400	LVELGLTK	AGAP011050-PA	-	39	0.000619096	1	872.545	-0.59	Midgut	3L:-:15775010-15774987	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_20195	TAFSDVDYVDTYK	AGAP011050-PA	-	82	7.07E-08	1	1523.694	2.51	Malpighian tubule	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_20816	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl), N10(Deamidated)	59	2.30E-05	1	1518.787	4.42	Midgut	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA
JHU_Ag_22661	EGPELFPQDENGK	AGAP011050-PA	-	79	1.30E-07	1	1459.671	0.95	Head	3L:-:15775100-15775062	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_24428	MPMLGLGTWGSPPGEVAQAVK	AGAP011050-PA	M3(Oxidation),"M1(Oxidation), M3(Oxidation)",M1(Oxidation)	99	1.77E-09	2	2126.084	3.1	Midgut	3L:-:15776845-15776890,15774550-15775353	exon=> In CDS Exon 2 and 1 of transcript AGAP011050-PA
JHU_Ag_25395	LWNTFHRPDLVEGACR	AGAP011050-PA	C15(Carbamidomethyl)	92	8.22E-09	1	1970.965	-0.05	Midgut	3L:-:15775217-15775170	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_26618	LVPITSAAGHPYHPFENEEF	AGAP011050-PA	-	51	0.000134523	1	2255.073	-1.9	Head	3L:-:15774566-15775385,15774210-15774213	exon=> In CDS Exon 3 and 2 of transcript AGAP011050-PA
JHU_Ag_26965	IASNFEVFDFELTKDDVAQIDTFDCNGR	AGAP011050-PA	C25(Carbamidomethyl)	167	1.84E-16	1	3266.509	4.31	Malpighian tubule	3L:-:15774650-15774567	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_27304	LVELGLTK	AGAP011050-PA	-	40	0.000435269	1	872.546	0.95	Pupa	3L:-:15775010-15774987	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_27365	YNKTPAQILIR	AGAP011050-PA	-	34	0.001265402	1	1316.768	-0.6	Midgut	3L:-:15774737-15774705	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_29216	DDVAQIDTFDCNGR	AGAP011050-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), N12(Deamidated)"	97	8.05E-10	2	1625.688	1.04	Head	3L:-:15774608-15774567	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_29511	DAIDIGYR	AGAP011050-PA	-	43	0.000858724	2	922.464	1.35	Ovary	3L:-:15775352-15775329	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_30613	LVPITSAAGHPYHPFENEEF	AGAP011050-PA	-	78	2.61E-07	1	2255.083	2.76	Salivary gland	3L:-:15774566-15775385,15774210-15774213	exon=> In CDS Exon 3 and 2 of transcript AGAP011050-PA
JHU_Ag_31548	TAFSDVDYVDTYK	AGAP011050-PA	-	101	7.68E-10	1	1523.692	1.47	Pupa	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_33802	GHVVIPK	AGAP011050-PA	-	31	0.003381023	2	749.466	-1.34	Pupa	3L:-:15774689-15774669	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_36053	MPMLGLGTWGSPPGEVAQAVK	AGAP011050-PA	M1(Oxidation), M3(Oxidation)	64	6.25E-06	1	2158.073	2.45	Larva	3L:-:15776845-15776890,15774550-15775353	exon=> In CDS Exon 2 and 1 of transcript AGAP011050-PA
JHU_Ag_36105	TAFSDVDYVDTYK	AGAP011050-PA	-	107	2.38E-10	1	1523.690	-0.05	Ovary	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_37297	IASNFEVFDFELTK	AGAP011050-PA	-	47	0.000293201	2	1659.840	8.12	Malpighian tubule	3L:-:15774650-15774609	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_38557	VLAAATIKPVTNQIECHPYLTQSK	AGAP011050-PA	C16(Carbamidomethyl)	128	7.71E-13	1	2682.432	1.36	Pupa	3L:-:15774944-15774873	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_40211	NLGLDYIDLYLIHWPMAYR	AGAP011050-PA	M16(Oxidation)	55	3.96E-05	1	2382.195	-0.01	Midgut	3L:-:15775157-15775101	exon=> In CDS Exon 2 of transcript AGAP011050-PA

JHU_Ag_40252	GHVVIPK	AGAP011050-PA	-	43	0.000198631	1	749.466	-0.75	Midgut	3L:-:15774689-15774669	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_41223	LWNTFHRPDLVEGACR	AGAP011050-PA	C15(Carbamidomethyl)	82	9.99E-08	1	1970.965	-0.14	Visceras	3L:-:15775217-15775170	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_42419	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl)	51	0.000118637	2	1517.801	3.17	Salivary gland	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA
JHU_Ag_42687	GHVVIPK	AGAP011050-PA	-	37	0.00052521	2	749.468	0.94	Ovary	3L:-:15774689-15774669	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_43643	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl), Q13(Deamidated)	59	2.30E-05	1	1518.787	4.42	Midgut	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA
JHU_Ag_48613	LSPFCTER	AGAP011050-PA	C5(Carbamidomethyl)	47	0.000238466	2	1009.477	0.03	Salivary gland	3L:-:15774872-15774849	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_49082	EGPELFPQDENGK	AGAP011050-PA	N11(Deamidated)	50	8.88E-05	1	1460.658	2.62	Salivary gland	3L:-:15775100-15775062	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_50190	VLAAATIKPVTNQIECHPYLTQSK	AGAP011050-PA	C16(Carbamidomethyl)	138	8.72E-14	1	2682.428	0	Head	3L:-:15774944-15774873	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_50309	TAFSDVDYVDTYK	AGAP011050-PA	-	73	5.48E-07	2	1523.691	0.67	Male reproductive organs	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_50944	LWNTFHRPDLVEGACR	AGAP011050-PA	C15(Carbamidomethyl)	74	5.64E-07	1	1970.973	3.67	Ovary	3L:-:15775217-15775170	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_51316	ALEKLVELGLTK	AGAP011050-PA	-	61	8.16E-07	1	1313.808	3.29	Malpighian tubule	3L:-:15775022-15774987	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_51643	TAFSDVDYVDTYK	AGAP011050-PA	-	101	8.86E-10	1	1523.691	0.91	Head	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_59423	DDVAQIDTFDCNGR	AGAP011050-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), N12(Deamidated)"	102	3.04E-10	1	1625.691	2.99	Midgut	3L:-:15774608-15774567	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_59676	GMIVTAYSPLGSPNRPWAKPGDAQLMEDPK	AGAP011050-PA	M2(Oxidation), M26(Oxidation),M26(Oxidation)	47	0.000262207	1	3258.593	0.15	Midgut	3L:-:15774848-15774759	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_59873	EGPELFPQDENGKTAFSDVDYVDTYK	AGAP011050-PA	Q8(Deamidated),N11(Deamidated)	54	3.19E-05	1	2965.326	-0.15	Salivary gland	3L:-:15775100-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_60098	TAFSDVDYVDTYK	AGAP011050-PA	-	98	1.90E-09	2	1523.693	2.11	Visceras	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_61017	YNKTPAQILIR	AGAP011050-PA	-	55	1.24E-05	1	1316.768	-0.08	Salivary gland	3L:-:15774737-15774705	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_61267	VLAAATIKPVTNQIECHPYLTQSK	AGAP011050-PA	C16(Carbamidomethyl)	118	9.08E-12	1	2682.429	0.27	Visceras	3L:-:15774944-15774873	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_61450	HIDCAHVYQNEHEVGEGVK	AGAP011050-PA	C4(Carbamidomethyl)	131	9.71E-13	1	2221.005	-1.86	Head	3L:-:15775328-15775272	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_61984	IASNFEVFDFELTK	AGAP011050-PA	-	91	1.11E-08	1	1659.828	0.91	Ovary	3L:-:15774650-15774609	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_62197	EGPELFPQDENGKTAFSDVDYVDTYK	AGAP011050-PA	Q8(Deamidated),N11(Deamidated)	86	2.84E-08	1	2964.343	0.22	Midgut	3L:-:15775100-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_62212	MPMLGLGTWGSPPGEVAQAVKDAIDIGYR	AGAP011050-PA	M1(Oxidation), M3(Oxidation)	62	8.06E-06	1	3061.529	5.59	Malpighian tubule	3L:-:15776845-15776890,15774550-15775329	exon=> In CDS Exon 2 and 1 of transcript AGAP011050-PA
JHU_Ag_62256	GHVVIPK	AGAP011050-PA	-	36	0.001085149	2	749.463	-5.33	Head	3L:-:15774689-15774669	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_66202	LWNTFHRPDLVEGACR	AGAP011050-PA	C15(Carbamidomethyl)	86	3.54E-08	1	1970.970	2.27	Malpighian tubule	3L:-:15775217-15775170	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_67228	VLAAATIKPVTNQIECHPYLTQSK	AGAP011050-PA	C16(Carbamidomethyl)	142	3.38E-14	1	2682.438	3.68	Malpighian tubule	3L:-:15774944-15774873	exon=> In CDS Exon 2 of transcript AGAP011050-PA

JHU_Ag_67910	LWNTFHRPDLVEGACR	AGAP011050-PA	N3(Deamidated), C15(Carbamidomethyl),C15(Carbamidomethyl)	73	7.47E-07	1	1970.971	2.74	Salivary gland	3L:-:15775217-15775170	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_73738	EGPELFPQDENGK	AGAP011050-PA	N11(Deamidated)	70	9.03E-07	1	1460.654	-0.22	Midgut	3L:-:15775100-15775062	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_74310	LVPITSAAGHPYHPFENEEF	AGAP011050-PA	-	91	1.16E-08	1	2255.085	3.51	Malpighian tubule	3L:-:15774566-15775385,15774210-15774213	exon=> In CDS Exon 3 and 2 of transcript AGAP011050-PA
JHU_Ag_74581	EGPELFPQDENGK	AGAP011050-PA	-	49	0.000141018	1	1459.672	1.37	Ovary	3L:-:15775100-15775062	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_79856	TAFSDVDYVDTYK	AGAP011050-PA	-	111	8.38E-11	1	1523.687	-1.98	Midgut	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_80128	SIGISNCNSK	AGAP011050-PA	C7(Carbamidomethyl)	48	0.000213396	1	1079.512	-2.79	Head	3L:-:15774986-15774957	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_81433	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl)	69	1.82E-06	1	1517.801	3.41	Malpighian tubule	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA
JHU_Ag_84981	HIDCAHVYQNEHEVGEGVK	AGAP011050-PA	C4(Carbamidomethyl)	130	1.11E-12	1	2221.015	2.68	Malpighian tubule	3L:-:15775328-15775272	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_85546	TAFSDVDYVDTYKALEK	AGAP011050-PA	-	38	0.003335476	1	1964.956	3.85	Malpighian tubule	3L:-:15775061-15775011	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_86060	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl), N11(Deamidated)	39	0.001917478	2	1518.790	6.54	Malpighian tubule	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA
JHU_Ag_86901	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl)	52	8.73E-05	2	1517.796	0.03	Midgut	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA
JHU_Ag_90727	DAIDIGYR	AGAP011050-PA	-	52	0.000102009	1	922.462	-0.75	Midgut	3L:-:15775352-15775329	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_92212	TAFSDVDYVDTYK	AGAP011050-PA	-	96	2.47E-09	1	1523.689	-0.61	Salivary gland	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_92504	LVPITSAAGHPYHPFENEEF	AGAP011050-PA	-	79	2.31E-07	1	2255.077	0.27	Midgut	3L:-:15774566-15775385,15774210-15774213	exon=> In CDS Exon 3 and 2 of transcript AGAP011050-PA
JHU_Ag_92581	TAFSDVDYVDTYK	AGAP011050-PA	-	51	8.36E-05	2	1523.695	2.99	Larva	3L:-:15775061-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_93118	EGPELFPQDENGK	AGAP011050-PA	-	44	0.000452142	1	1459.672	1.46	Visceras	3L:-:15775100-15775062	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_98344	GHVVIPK	AGAP011050-PA	-	39	0.000359197	1	749.467	0.62	Malpighian tubule	3L:-:15774689-15774669	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_101436	VLAAATIKPVTNQIECHPYLTQSK	AGAP011050-PA	C16(Carbamidomethyl)	124	2.12E-12	1	2682.427	-0.62	Midgut	3L:-:15774944-15774873	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_101757	LVELGLTK	AGAP011050-PA	-	49	5.89E-05	2	872.548	3.1	Salivary gland	3L:-:15775010-15774987	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_102375	VLAAATIKPVTNQIECHPYLTQSK	AGAP011050-PA	C16(Carbamidomethyl)	119	7.07E-12	1	2682.426	-0.85	Ovary	3L:-:15774944-15774873	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_103248	EGPELFPQDENGK	AGAP011050-PA	Q8(Deamidated),N11(Deamidated)	57	2.01E-05	2	1459.673	1.79	Malpighian tubule	3L:-:15775100-15775062	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_103525	IVALAEK	AGAP011050-PA	-	43	0.000487889	1	743.469	3.09	Salivary gland	3L:-:15774758-15774738	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_104198	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl), N11(Deamidated)	59	2.30E-05	1	1518.787	4.42	Midgut	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA
JHU_Ag_111386	IVALAEK	AGAP011050-PA	-	36	0.000990979	1	743.464	-2.5	Midgut	3L:-:15774758-15774738	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_114114	EGPELFPQDENGKTAFSDVDYVDTYK	AGAP011050-PA	Q8(Deamidated),N11(Deamidated)	136	3.06E-13	1	2964.353	3.5	Malpighian tubule	3L:-:15775100-15775023	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_115285	ASTVPFVTLNNGQK	AGAP011050-PA	N-Term(Acetyl)	37	0.002814814	2	1517.799	1.88	Visceras	3L:-:15776887-15776846	exon=> In CDS Exon 1 of transcript AGAP011050-PA

JHU_Ag_115689	LWNTFHRPDLVEGACR	AGAP011050-PA	C15(Carbamidomethyl)	66	3.16E-06	1	1970.961	-2.37	Head	3L:-:15775217-15775170	exon=> In CDS Exon 2 of transcript AGAP011050-PA
JHU_Ag_9570	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	58	3.58E-06	2	911.568	1.12	Malpighian tubule	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_46426	REDLFITSK	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	59	1.62E-05	1	1108.596	-3.61	Head	3L:-:15775244-15775218;3L:+:16223964-16223965,16224027-16224051;3L:+:16187835-16187836,16187898-16187922	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011068-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011066-PA
JHU_Ag_59142	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	Q4(Deamidated)	55	7.40E-06	1	911.567	-0.82	Male reproductive organs	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_59981	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	61	1.89E-06	2	911.567	-0.88	Pupa	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_61517	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	58	3.36E-06	2	911.566	-1.96	Ovary	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_63135	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	67	4.18E-07	2	911.567	-0.28	Midgut	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_64126	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	43	0.000125367	2	911.565	-2.22	Head	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_68759	REDLFITSK	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	42	0.000787698	1	1108.598	-1.3	Ovary	3L:-:15775244-15775218;3L:+:16223964-16223965,16224027-16224051;3L:+:16187835-16187836,16187898-16187922	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011068-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011066-PA

JHU_Ag_74236	REDLFITSK	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	51	8.23E-05	1	1108.600	0.03	Visceras	3L:-:15775244-15775218;3L:+:16223964-16223965,16224027-16224051;3L:+:16187835-16187836,16187898-16187922	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011068-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011066-PA
JHU_Ag_75598	EDLFITSK	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	45	0.000391939	1	952.500	1.37	Midgut	3L:-:15775241-15775218;3L:+:16224028-16224051;3L:+:16187899-16187922	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_78705	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	62	1.38E-06	2	911.568	0.45	Visceras	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_94491	TPAQILIR	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	59	3.06E-06	1	911.567	-0.01	Salivary gland	3L:-:15774728-15774705;3L:+:16224544-16224567;3L:+:16188415-16188438	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_101563	REDLFITSK	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	37	0.002462964	2	1108.599	-0.64	Midgut	3L:-:15775244-15775218;3L:+:16223964-16223965,16224027-16224051;3L:+:16187835-16187836,16187898-16187922	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011068-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011066-PA
JHU_Ag_116677	REDLFITSK	AGAP011050-PA,AGAP011068-PA,AGAP011066-PA	-	57	2.22E-05	2	1108.597	-2.18	Pupa	3L:-:15775244-15775218;3L:+:16223964-16223965,16224027-16224051;3L:+:16187835-16187836,16187898-16187922	exon=> In CDS Exon 2 of transcript AGAP011050-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011068-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011066-PA
JHU_Ag_315	YQIQLGHVVIPK	AGAP011051-PA	-	73	8.73E-08	1	1394.814	-1.38	Ovary	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_2408	NIGVSNFNAK	AGAP011051-PA	-	38	0.002902672	1	1063.549	-3.77	Male reproductive organs	3L:+:15779399-15779428	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_2835	ADDPVLMDDATVGQLAK	AGAP011051-PA	M7(Oxidation)	157	3.13E-15	1	1774.854	0.39	Ovary	3L:+:15779594-15779644	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_3480	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	52	1.80E-05	1	2012.144	5.43	Larva	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_6165	ICPESSAFGHPHHPFEK	AGAP011051-PA	C2(Carbamidomethyl)	59	2.29E-05	1	1976.922	7.66	Ovary	3L:+:15779819-15779869	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_8468	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	69	4.14E-07	1	2012.141	4.24	Salivary gland	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_11286	YQIQLGHVVIPK	AGAP011051-PA	-	71	1.62E-07	1	1394.816	0.16	Pupa	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA

JHU_Ag_11982	ICPESSAFGHPHHPFEK	AGAP011051-PA	C2(Carbamidomethyl)	69	1.76E-06	1	1976.914	3.57	Malpighian tubule	3L:+:15779819-15779869	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_22430	LWNTFHRPDLVEGACK	AGAP011051-PA	C15(Carbamidomethyl)	86	4.25E-08	1	1942.963	2.12	Ovary	3L:+:15779165-15779212	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_24511	NIGVSNFNAK	AGAP011051-PA	-	50	0.000162595	1	1063.554	1.23	Malpighian tubule	3L:+:15779399-15779428	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_26413	HIDCAHVYQNEHEVGEGIAAK	AGAP011051-PA	C4(Carbamidomethyl)	98	2.20E-09	1	2377.097	-0.73	Visceras	3L:+:15778991-15779053	exon=> In CDS Exon 2 of transcript AGAP011051-PA
JHU_Ag_26616	NGNSIPMFGLGTWNSPPGQVAQAVK	AGAP011051-PA	N3(Deamidated), M7(Oxidation),"N1(Deamidated), M7(Oxidation)",M7(Oxidation)	50	0.000146598	2	2586.266	-4.12	Midgut	3L:+:15778816-15778857,15778934-15778966	exon=> In CDS Exon 1 and 2 of transcript AGAP011051-PA
JHU_Ag_26821	HIDCAHVYQNEHEVGEGIAAK	AGAP011051-PA	C4(Carbamidomethyl)	146	3.60E-14	1	2377.105	2.66	Midgut	3L:+:15778991-15779053	exon=> In CDS Exon 2 of transcript AGAP011051-PA
JHU_Ag_27142	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	96	8.57E-10	1	2012.136	1.58	Visceras	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_28416	SAAQILIR	AGAP011051-PA	-	52	6.16E-05	2	871.537	1.44	Ovary	3L:+:15779657-15779680	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_28809	YQIQLGHVVIPK	AGAP011051-PA	-	28	0.00291766	2	1394.814	-0.8	Head	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_29343	LWNTFHRPDLVEGACK	AGAP011051-PA	C15(Carbamidomethyl)	62	9.64E-06	1	1942.961	0.88	Visceras	3L:+:15779165-15779212	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_34843	TFLFSDADYVDTWPEMEK	AGAP011051-PA	-	83	4.97E-08	2	2193.974	2.42	Head	3L:+:15779321-15779374	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_34851	IPPATNQIECHPYLHQSK	AGAP011051-PA	C10(Carbamidomethyl)	57	3.36E-05	1	2133.055	0.12	Head	3L:+:15779459-15779512	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_38108	TFLFSDADYVDTWPEMEK	AGAP011051-PA	M16(Oxidation)	77	1.53E-07	2	2209.966	0.95	Midgut	3L:+:15779321-15779374	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_38309	YQIQLGHVVIPK	AGAP011051-PA	-	59	1.54E-06	1	1394.821	4.07	Male reproductive organs	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_44253	NIGVSNFNAK	AGAP011051-PA	-	57	3.02E-05	1	1063.553	-0.26	Midgut	3L:+:15779399-15779428	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_48512	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	91	3.47E-09	1	2012.129	-1.82	Midgut	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_50622	ADDPVLMDDATVGQLAK	AGAP011051-PA	M7(Oxidation)	90	1.50E-08	1	1774.852	-0.64	Male reproductive organs	3L:+:15779594-15779644	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_50663	IASNFDVFSFQLDEDDMKQLAGLER	AGAP011051-PA	M17(Oxidation)	108	2.21E-10	1	2904.377	1.72	Malpighian tubule	3L:+:15779735-15779809	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_50903	YQIQLGHVVIPK	AGAP011051-PA	-	81	1.53E-08	1	1394.820	3.14	Malpighian tubule	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_51390	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	74	1.59E-07	1	2012.128	-2.18	Head	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_52932	ADDPVLMDDATVGQLAK	AGAP011051-PA	-	57	3.49E-05	2	1758.863	2.64	Visceras	3L:+:15779594-15779644	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_59989	TCNVVPNAIFK	AGAP011051-PA	N-Term(Acetyl), C2(Carbamidomethyl)	46	0.000482701	2	1304.672	3.65	Malpighian tubule	3L:+:15778783-15778815	exon=> In CDS Exon 1 of transcript AGAP011051-PA
JHU_Ag_61763	EDLFVTSK	AGAP011051-PA	-	38	0.002227732	1	938.482	-0.86	Midgut	3L:+:15779141-15779164	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_64624	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	100	4.39E-10	1	2012.131	-0.84	Male reproductive organs	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_64859	SAAQILIR	AGAP011051-PA	-	59	8.42E-06	2	871.540	4.73	Visceras	3L:+:15779657-15779680	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_68129	REDLFVTSK	AGAP011051-PA	-	65	4.79E-06	1	1094.585	0.94	Ovary	3L:+:15779075-15779076,15779140-15779164	exon=> In CDS Exon 2 and 3 of transcript AGAP011051-PA

JHU_Ag_69420	REDLFVTSK	AGAP011051-PA	-	48	0.000241159	1	1094.583	-0.84	Visceras	3L:+:15779075-15779076,15779140-15779164	exon=> In CDS Exon 2 and 3 of transcript AGAP011051-PA
JHU_Ag_69753	LWNTFHRPDLVEGACK	AGAP011051-PA	C15(Carbamidomethyl)	77	3.31E-07	1	1942.965	3.12	Malpighian tubule	3L:+:15779165-15779212	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_69977	LWNTFHRPDLVEGACK	AGAP011051-PA	C15(Carbamidomethyl)	70	1.47E-06	1	1942.959	-0.4	Midgut	3L:+:15779165-15779212	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_77015	LDYLDLYLIHWPVGYQEGTELFPMGPDGK	AGAP011051-PA	M24(Oxidation)	108	1.95E-10	1	3382.631	-0.92	Ovary	3L:+:15779234-15779320	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_77078	LDYLDLYLIHWPVGYQEGTELFPMGPDGK	AGAP011051-PA	M24(Oxidation)	30	0.011019991	1	3382.630	-1.13	Midgut	3L:+:15779234-15779320	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_80284	REDLFVTSK	AGAP011051-PA	-	45	0.000462703	1	1094.583	-0.96	Head	3L:+:15779075-15779076,15779140-15779164	exon=> In CDS Exon 2 and 3 of transcript AGAP011051-PA
JHU_Ag_80408	YQIQLGHVVIPK	AGAP011051-PA	-	37	0.000398357	2	1394.815	-0.45	Midgut	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_81285	IPPATNQIECHPYLHQSK	AGAP011051-PA	C10(Carbamidomethyl)	39	0.00193522	1	2133.055	-0.03	Visceras	3L:+:15779459-15779512	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_82422	YQIQLGHVVIPK	AGAP011051-PA	-	50	2.10E-05	2	1394.819	2.44	Visceras	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_84284	HIDCAHVYQNEHEVGEGIAAK	AGAP011051-PA	C4(Carbamidomethyl)	140	1.28E-13	1	2377.105	2.66	Malpighian tubule	3L:+:15778991-15779053	exon=> In CDS Exon 2 of transcript AGAP011051-PA
JHU_Ag_87786	IASNFDVFSFQLDEDDMKQLAGLER	AGAP011051-PA	M17(Oxidation)	74	5.56E-07	1	2904.371	-0.55	Midgut	3L:+:15779735-15779809	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_88135	ADDPVLMDDATVGQLAK	AGAP011051-PA	M7(Oxidation)	124	7.46E-12	2	1774.858	2.66	Head	3L:+:15779594-15779644	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_88727	IASNFDVFSFQLDEDDMK	AGAP011051-PA	M17(Oxidation)	137	1.80E-13	1	2136.945	0.93	Ovary	3L:+:15779735-15779788	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_89422	ICPESSAFGHPHHPFEK	AGAP011051-PA	C2(Carbamidomethyl)	33	0.00592257	1	1976.898	-4.64	Head	3L:+:15779819-15779869	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_91490	ADDPVLMDDATVGQLAK	AGAP011051-PA	M7(Oxidation)	153	8.29E-15	1	1774.858	2.73	Malpighian tubule	3L:+:15779594-15779644	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_92576	YQIQLGHVVIPK	AGAP011051-PA	-	50	2.13E-05	2	1394.817	1.39	Salivary gland	3L:+:15779681-15779716	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_93171	REDLFVTSK	AGAP011051-PA	-	61	1.06E-05	1	1094.584	-0.17	Midgut	3L:+:15779075-15779076,15779140-15779164	exon=> In CDS Exon 2 and 3 of transcript AGAP011051-PA
JHU_Ag_100511	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	53	1.73E-05	1	2012.138	2.42	Pupa	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_101679	HIDCAHVYQNEHEVGEGIAAK	AGAP011051-PA	C4(Carbamidomethyl)	153	6.31E-15	1	2377.093	-2.35	Head	3L:+:15778991-15779053	exon=> In CDS Exon 2 of transcript AGAP011051-PA
JHU_Ag_105197	ADDPVLMDDATVGQLAK	AGAP011051-PA	M7(Oxidation)	113	7.38E-11	1	1774.854	0.67	Midgut	3L:+:15779594-15779644	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_105644	IPPATNQIECHPYLHQSK	AGAP011051-PA	C10(Carbamidomethyl)	58	2.51E-05	1	2133.055	0.2	Malpighian tubule	3L:+:15779459-15779512	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_107343	ADDPVLMDDATVGQLAK	AGAP011051-PA	M7(Oxidation)	65	5.16E-06	1	1774.859	3.69	Salivary gland	3L:+:15779594-15779644	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_107893	ICPESSAFGHPHHPFEKEE	AGAP011051-PA	C2(Carbamidomethyl)	72	7.47E-07	1	2234.992	0.01	Malpighian tubule	3L:+:15779819-15779875	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_110936	REDLFVTSK	AGAP011051-PA	-	46	0.000334428	1	1094.583	-0.73	Male reproductive organs	3L:+:15779075-15779076,15779140-15779164	exon=> In CDS Exon 2 and 3 of transcript AGAP011051-PA
JHU_Ag_111794	GIIVTAYSPLGSPARPWVK	AGAP011051-PA	-	69	4.66E-07	1	2012.137	1.97	Malpighian tubule	3L:+:15779537-15779593	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_112388	IPPATNQIECHPYLHQSK	AGAP011051-PA	C10(Carbamidomethyl)	55	5.13E-05	1	2133.053	-0.6	Ovary	3L:+:15779459-15779512	exon=> In CDS Exon 3 of transcript AGAP011051-PA

JHU_Ag_113021	HIDCAHVYQNEHEVGEGIAAK	AGAP011051-PA	C4(Carbamidomethyl)	135	4.86E-13	1	2377.112	5.43	Ovary	3L:+:15778991-15779053	exon=> In CDS Exon 2 of transcript AGAP011051-PA
JHU_Ag_114279	IPPATNQIECHPYLHQSK	AGAP011051-PA	C10(Carbamidomethyl)	41	0.001374422	1	2133.050	-2.02	Midgut	3L:+:15779459-15779512	exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_116872	TCNVVPNAIFK	AGAP011051-PA	N-Term(Acetyl), C2(Carbamidomethyl)	42	0.001167234	1	1304.667	0.34	Midgut	3L:+:15778783-15778815	exon=> In CDS Exon 1 of transcript AGAP011051-PA
JHU_Ag_10591	ILQIATVKPVNNQVEANPGYDQRK	AGAP011052-PA	-	92	3.42E-09	1	2695.448	-1.69	Midgut	3L:+:15782624-15782695	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_11782	ILQIATVKPVNNQVEANPGYDQR	AGAP011052-PA	-	158	1.23E-15	1	2567.355	-1.03	Ovary	3L:+:15782624-15782692	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_12736	ILQIATVKPVNNQVEANPGYDQR	AGAP011052-PA	-	46	0.000171919	3	2567.359	0.61	Pupa	3L:+:15782624-15782692	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_13106	YLIDIGTIPIPYSTNEER	AGAP011052-PA	-	41	0.000960343	1	2094.086	4.92	Malpighian tubule	3L:+:15782858-15782863,15782942-15782989	exon=> In CDS Exon 2 and 3 of transcript AGAP011052-PA
JHU_Ag_13636	LTGEEIEYLASFHSAR	AGAP011052-PA	-	109	2.07E-10	1	1822.898	0.63	Ovary	3L:+:15783023-15783070	exon=> In CDS Exon 3 of transcript AGAP011052-PA
JHU_Ag_15035	SIGLSNFNSEQIER	AGAP011052-PA	-	95	5.13E-09	2	1593.788	0.77	Visceras	3L:+:15782582-15782623	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_16327	ATLVTLNNGKK	AGAP011052-PA	N8(Deamidated)	69	1.11E-06	1	1159.668	-0.55	Pupa	3L:+:15780417-15780449	exon=> In CDS Exon 1 of transcript AGAP011052-PA
JHU_Ag_19691	REDVFVTTK	AGAP011052-PA	-	52	0.000110948	1	1094.579	-4.41	Head	3L:+:15782309-15782335	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_37637	YYPFDLEF	AGAP011052-PA	-	36	0.002453789	1	1093.491	2.57	Ovary	3L:+:15783104-15783127	exon=> In CDS Exon 3 of transcript AGAP011052-PA
JHU_Ag_41455	SIGLSNFNSEQIER	AGAP011052-PA	-	78	2.12E-07	1	1593.786	-0.69	Pupa	3L:+:15782582-15782623	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_45673	SIGLSNFNSEQIER	AGAP011052-PA	-	58	2.14E-05	2	1593.787	0.31	Head	3L:+:15782582-15782623	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_52259	ILQIATVKPVNNQVEANPGYDQR	AGAP011052-PA	-	62	4.80E-06	1	2567.365	2.82	Malpighian tubule	3L:+:15782624-15782692	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_53381	ILQIATVKPVNNQVEANPGYDQRK	AGAP011052-PA	-	150	4.58E-15	1	2695.459	2.25	Malpighian tubule	3L:+:15782624-15782695	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_56965	LWNTFHDPQHVEEAFR	AGAP011052-PA	-	103	5.74E-10	1	2025.953	-1.9	Midgut	3L:+:15782336-15782383	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_57759	ILQIATVKPVNNQVEANPGYDQR	AGAP011052-PA	-	52	4.04E-05	3	2567.365	2.82	Visceras	3L:+:15782624-15782692	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_60053	LWNTFHDPQHVEEAFRR	AGAP011052-PA	-	62	9.87E-06	1	2182.056	-0.59	Midgut	3L:+:15782336-15782386	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_61010	LTGEEIEYLASFHSAR	AGAP011052-PA	-	41	0.001366077	1	1822.903	3.05	Malpighian tubule	3L:+:15783023-15783070	exon=> In CDS Exon 3 of transcript AGAP011052-PA
JHU_Ag_62377	YLIDIGTIPIPYSTNEER	AGAP011052-PA	-	60	1.26E-05	1	2094.080	2.13	Midgut	3L:+:15782858-15782863,15782942-15782989	exon=> In CDS Exon 2 and 3 of transcript AGAP011052-PA
JHU_Ag_76778	GITVTAYGPMGRPHR	AGAP011052-PA	M10(Oxidation)	44	0.000643459	1	1628.835	1.22	Malpighian tubule	3L:+:15782720-15782764	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_76967	LTGEEIEYLASFHSAR	AGAP011052-PA	-	37	0.003430949	1	1822.898	0.43	Pupa	3L:+:15783023-15783070	exon=> In CDS Exon 3 of transcript AGAP011052-PA
JHU_Ag_84809	SIGLSNFNSEQIER	AGAP011052-PA	-	66	3.68E-06	1	1593.787	-0.15	Malpighian tubule	3L:+:15782582-15782623	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_97275	ILQIATVKPVNNQVEANPGYDQR	AGAP011052-PA	-	65	2.43E-06	1	2567.350	-2.86	Midgut	3L:+:15782624-15782692	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_97875	LTGEEIEYLASFHSAR	AGAP011052-PA	-	99	2.18E-09	2	1822.895	-0.9	Midgut	3L:+:15783023-15783070	exon=> In CDS Exon 3 of transcript AGAP011052-PA
JHU_Ag_101743	ATLVTLNNGK	AGAP011052-PA	N7(Deamidated),N8(Deamidated)	39	0.001725357	2	1031.573	-0.27	Pupa	3L:+:15780417-15780446	exon=> In CDS Exon 1 of transcript AGAP011052-PA

JHU_Ag_104621	SIGLSNFNSEQIER	AGAP011052-PA	-	95	4.72E-09	2	1593.789	1.15	Ovary	3L:+:15782582-15782623	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_116035	REDVFVTTK	AGAP011052-PA	-	53	6.53E-05	1	1094.584	-0.17	Midgut	3L:+:15782309-15782335	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_116354	SIGLSNFNSEQIER	AGAP011052-PA	-	98	2.26E-09	1	1593.794	4.21	Midgut	3L:+:15782582-15782623	exon=> In CDS Exon 2 of transcript AGAP011052-PA
JHU_Ag_117505	YLIDIGTIPIPYSTNEER	AGAP011052-PA	-	60	1.27E-05	1	2094.076	0.38	Ovary	3L:+:15782858-15782863,15782942-15782989	exon=> In CDS Exon 2 and 3 of transcript AGAP011052-PA
JHU_Ag_20031	IAEGVIR	AGAP011052-PA,AGAP012852-PA	-	41	0.001012562	2	757.457	0.49	Ovary	3L:+:15782288-15782308;UNKN:+:34131207-34131227	exon=> In CDS Exon 2 of transcript AGAP011052-PA;exon=> In CDS Exon 2 of transcript AGAP012852-PA
JHU_Ag_1167	MAIDEGYRHIDTAYFYQNENQVGQAVR	AGAP011053-PA	M1(Oxidation)	169	1.49E-16	1	3188.491	1.81	Malpighian tubule	3L:-:15785118-15785038	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_1932	LLANCEIKPVTNQVECNPGINQR	AGAP011053-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	135	4.42E-13	1	2667.331	-1.21	Midgut	3L:-:15784610-15784542	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_1949	HIDTAYFYQNENQVGQAVR	AGAP011053-PA	-	112	1.05E-10	1	2253.074	2.4	Head	3L:-:15785094-15785038	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_4282	HIDTAYFYQNENQVGQAVR	AGAP011053-PA	-	109	2.04E-10	1	2253.072	1.66	Visceras	3L:-:15785094-15785038	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_8017	LLANCEIKPVTNQVECNPGINQRK	AGAP011053-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	100	9.94E-10	1	2795.433	1.18	Malpighian tubule	3L:-:15784610-15784539	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_8522	REDVFIVTK	AGAP011053-PA	-	47	0.000205668	1	1106.617	-2.83	Head	3L:-:15785010-15784984	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_8551	YLVELGTLPIPK	AGAP011053-PA	-	32	0.001710984	2	1342.799	0.93	Ovary	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_11200	LLANCEIKPVTNQVECNPGINQR	AGAP011053-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	151	9.61E-15	1	2667.340	2.29	Visceras	3L:-:15784610-15784542	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_12873	IAEGLIK	AGAP011053-PA	-	32	0.002558967	2	743.465	-1.61	Head	3L:-:15785031-15785011	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_17306	IAEGLIK	AGAP011053-PA	-	39	0.001242571	1	743.469	3.23	Malpighian tubule	3L:-:15785031-15785011	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_18908	QNIDIFDFSLTEEEIK	AGAP011053-PA	-	81	1.14E-07	2	1940.955	2.92	Head	3L:-:15784298-15784251	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_20419	VWNTYHAPEHVAEACQR	AGAP011053-PA	C15(Carbamidomethyl)	60	1.35E-05	1	2067.945	-0.23	Visceras	3L:-:15784895-15784845	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_20424	LLANCEIKPVTNQVECNPGINQR	AGAP011053-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	130	1.42E-12	1	2667.334	-0.11	Head	3L:-:15784610-15784542	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_22318	VWNTYHAPEHVAEACQR	AGAP011053-PA	C15(Carbamidomethyl)	132	7.93E-13	1	2067.949	1.73	Malpighian tubule	3L:-:15784895-15784845	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_22862	HIDTAYFYQNENQVGQAVR	AGAP011053-PA	-	113	9.46E-11	1	2253.069	0.23	Salivary gland	3L:-:15785094-15785038	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_23143	LLANCEIKPVTNQVECNPGINQR	AGAP011053-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	177	2.45E-17	1	2667.341	2.43	Malpighian tubule	3L:-:15784610-15784542	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_24394	SIGVSNFNSEQLTR	AGAP011053-PA	-	100	1.76E-09	1	1551.781	2.88	Malpighian tubule	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_26539	SIGVSNFNSEQLTR	AGAP011053-PA	-	86	3.74E-08	2	1551.778	1.15	Pupa	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_27654	YLVELGTLPIPK	AGAP011053-PA	-	73	1.47E-07	2	1342.798	-0.07	Salivary gland	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_28414	REDVFIVTK	AGAP011053-PA	-	57	1.93E-05	1	1106.621	0.48	Midgut	3L:-:15785010-15784984	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_28855	KLIEFCR	AGAP011053-PA	C6(Carbamidomethyl)	29	0.009973709	1	965.523	-0.27	Midgut	3L:-:15784541-15784521	exon=> In CDS Exon 3 of transcript AGAP011053-PA

JHU_Ag_29295	YLVELGTLPIPK	AGAP011053-PA	-	54	1.09E-05	2	1342.799	0.47	Midgut	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_31763	QNIDIFDFSLTEEEIK	AGAP011053-PA	-	84	6.18E-08	2	1940.951	1.28	Midgut	3L:-:15784298-15784251	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_34383	YLVELGTLPIPK	AGAP011053-PA	-	70	2.33E-07	2	1342.801	2.11	Visceras	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_34941	QHDIVITAYSPLGRPNMADPVVGTAGIPK	AGAP011053-PA	M17(Oxidation)	104	3.21E-10	1	3033.578	-1.44	Malpighian tubule	3L:-:15784520-15784434	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_36146	REDVFIVTK	AGAP011053-PA	-	53	4.58E-05	1	1106.622	1.14	Salivary gland	3L:-:15785010-15784984	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_36467	SAGQVVLR	AGAP011053-PA	-	46	0.000314786	2	829.488	-1.78	Ovary	3L:-:15784382-15784359	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_37239	QHDIVITAYSPLGRPNMADPVVGTAGIPK	AGAP011053-PA	M17(Oxidation)	101	6.23E-10	1	3033.584	0.55	Salivary gland	3L:-:15784520-15784434	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_37892	YLVELGTLPIPK	AGAP011053-PA	-	78	4.20E-08	2	1342.803	3.29	Malpighian tubule	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_38899	VWNTYHAPEHVAEACQR	AGAP011053-PA	C15(Carbamidomethyl)	132	7.00E-13	1	2067.938	-3.5	Midgut	3L:-:15784895-15784845	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_40455	SIGVSNFNSEQLTR	AGAP011053-PA	-	93	7.90E-09	1	1551.777	0.68	Ovary	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_41445	SAGQVVLR	AGAP011053-PA	-	39	0.001600884	2	829.494	5.87	Midgut	3L:-:15784382-15784359	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_43289	SIDSDVDYLDTWK	AGAP011053-PA	-	110	1.08E-10	2	1556.711	-0.05	Midgut	3L:-:15784727-15784689	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_43825	TVPFHFSSEHK	AGAP011053-PA	-	41	0.00094314	1	1315.644	0.64	Head	3L:-:15784220-15784188	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_44464	VIAIGQK	AGAP011053-PA	-	38	0.000858721	1	728.468	2.36	Salivary gland	3L:-:15784412-15784392	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_45133	SAGQVVLR	AGAP011053-PA	-	67	2.28E-06	2	829.492	3.3	Malpighian tubule	3L:-:15784382-15784359	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_45732	MAIDEGYR	AGAP011053-PA	-	35	0.002340385	2	954.435	-0.26	Salivary gland	3L:-:15785118-15785095	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_49486	FCGWTGDDLLPMNANGK	AGAP011053-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)","C2(Carbamidomethyl), M12(Oxidation), N15(Deamidated)","C2(Carbamidomethyl), M12(Oxidation), N13(Deamidated)"	73	5.92E-07	2	1895.844	1.49	Malpighian tubule	3L:-:15784778-15784728	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_55842	SIGVSNFNSEQLTR	AGAP011053-PA	-	73	8.45E-07	2	1551.776	-0.19	Male reproductive organs	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_56338	LLANCEIKPVTNQVECNPGINQR	AGAP011053-PA	C5(Carbamidomethyl), C16(Carbamidomethyl)	91	8.88E-09	1	2667.337	1.19	Male reproductive organs	3L:-:15784610-15784542	exon=> In CDS Exon 3 of transcript AGAP011053-PA

JHU_Ag_58486	FCGWTGDDLLPMNANGK	AGAP011053-PA	C2(Carbamidomethyl), N13(Deamidated),"C2(Carbamidomethyl), N15(Deamidated)","C2(Carbamidomethyl), M12(Oxidation), N15(Deamidated)","C2(Carbamidomethyl), M12(Oxidation)","C2(Carbamidomethyl), M12(Oxidation), N13(Deamidated)"	97	1.21E-09	1	1912.822	0.56	Midgut	3L:-:15784778-15784728	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_58594	SIGVSNFNSEQLTR	AGAP011053-PA	Q11(Deamidated),N8(Deamidated)	100	1.67E-09	1	1551.778	0.91	Salivary gland	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_61558	IAEGLIK	AGAP011053-PA	-	38	0.001557373	1	743.459	-9.64	Salivary gland	3L:-:15785031-15785011	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_63625	SIDSDVDYLDTWK	AGAP011053-PA	-	111	8.51E-11	1	1556.716	2.69	Salivary gland	3L:-:15784727-15784689	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_64192	SIDSDVDYLDTWK	AGAP011053-PA	-	114	4.26E-11	1	1556.716	3.16	Visceras	3L:-:15784727-15784689	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_67510	QHDIVITAYSPLGRPNMADPVVGTAGIPK	AGAP011053-PA	M17(Oxidation)	124	2.92E-12	1	3033.586	1.04	Midgut	3L:-:15784520-15784434	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_70262	SIGVSNFNSEQLTR	AGAP011053-PA	-	82	1.12E-07	2	1551.784	5	Larva	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_73243	SIGVSNFNSEQLTR	AGAP011053-PA	-	88	2.25E-08	2	1551.771	-3.26	Midgut	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_73492	SIDSDVDYLDTWK	AGAP011053-PA	-	106	2.43E-10	1	1556.713	0.81	Malpighian tubule	3L:-:15784727-15784689	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_74984	LLANCEIKPVTNQVECNPGINQR	AGAP011053-PA	C5(Carbamidomethyl), C16(Carbamidomethyl),"C5(Carbamidomethyl), N12(Deamidated), C16(Carbamidomethyl)","C5(Carbamidomethyl), Q13(Deamidated), C16(Carbamidomethyl)"	156	3.18E-15	1	2667.333	-0.59	Salivary gland	3L:-:15784610-15784542	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_75016	YLVELGTLPIPK	AGAP011053-PA	-	67	4.49E-07	1	1342.802	3.2	Pupa	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_76602	QNIDIFDFSLTEEEIK	AGAP011053-PA	-	69	1.80E-06	2	1940.956	3.61	Ovary	3L:-:15784298-15784251	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_76944	EDVFIVTK	AGAP011053-PA	-	49	0.000105784	1	950.520	0.62	Salivary gland	3L:-:15785007-15784984	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_78319	SIDSDVDYLDTWK	AGAP011053-PA	-	95	3.30E-09	2	1556.716	2.69	Head	3L:-:15784727-15784689	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_78843	HIDTAYFYQNENQVGQAVR	AGAP011053-PA	N10(Deamidated)	116	3.91E-11	1	2253.068	-0.29	Midgut	3L:-:15785094-15785038	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_79843	IAEGLIK	AGAP011053-PA	-	39	0.000498959	1	743.466	-0.94	Midgut	3L:-:15785031-15785011	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_81656	TVPFHFSSEHK	AGAP011053-PA	-	51	8.93E-05	1	1315.643	-0.38	Midgut	3L:-:15784220-15784188	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_82322	SIGVSNFNSEQLTR	AGAP011053-PA	-	93	8.11E-09	1	1551.780	2.17	Head	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_82701	SAGQVVLR	AGAP011053-PA	-	62	6.63E-06	2	829.491	1.75	Salivary gland	3L:-:15784382-15784359	exon=> In CDS Exon 3 of transcript AGAP011053-PA

JHU_Ag_83452	YLVELGTLPIPK	AGAP011053-PA	-	63	1.22E-06	1	1342.799	0.38	Male reproductive organs	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_85528	VWNTYHAPEHVAEACQR	AGAP011053-PA	C15(Carbamidomethyl)	58	2.30E-05	1	2067.948	1.46	Head	3L:-:15784895-15784845	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_85925	HIDTAYFYQNENQVGQAVR	AGAP011053-PA	-	107	3.85E-10	1	2253.068	-0.37	Ovary	3L:-:15785094-15785038	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_87219	IRQNIDIFDFSLTEEEIK	AGAP011053-PA	-	98	1.93E-09	1	2210.132	-1.15	Midgut	3L:-:15784304-15784251	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_90163	VWNTYHAPEHVAEACQR	AGAP011053-PA	C15(Carbamidomethyl)	95	4.72E-09	1	2067.948	1.37	Salivary gland	3L:-:15784895-15784845	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_90178	REDVFIVTK	AGAP011053-PA	-	57	2.03E-05	1	1106.621	0.37	Malpighian tubule	3L:-:15785010-15784984	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_90324	HIDTAYFYQNENQVGQAVR	AGAP011053-PA	-	136	4.50E-13	1	2253.072	1.75	Malpighian tubule	3L:-:15785094-15785038	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_92944	TVPFHFSSEHK	AGAP011053-PA	-	45	0.000438752	1	1315.653	7.97	Malpighian tubule	3L:-:15784220-15784188	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_93143	YLVELGTLPIPK	AGAP011053-PA	-	65	7.68E-07	2	1342.802	3.02	Head	3L:-:15784358-15784323	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_93541	HALDDPRVIAIGQK	AGAP011053-PA	-	46	0.000164723	1	1532.858	2.06	Malpighian tubule	3L:-:15784433-15784392	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_94691	MAIDEGYR	AGAP011053-PA	M1(Oxidation)	59	6.46E-06	2	970.430	-0.18	Midgut	3L:-:15785118-15785095	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_94703	SLDNLGLGYIDLFLIHWPMGWK	AGAP011053-PA	M19(Oxidation)	77	2.59E-07	1	2604.331	-0.25	Midgut	3L:-:15784844-15784779	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_96775	SIGVSNFNSEQLTR	AGAP011053-PA	-	90	1.43E-08	2	1551.778	1.38	Visceras	3L:-:15784652-15784611	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_101183	QNIDIFDFSLTEEEIK	AGAP011053-PA	-	37	0.003262228	2	1940.962	6.82	Malpighian tubule	3L:-:15784298-15784251	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_102588	FCGWTGDDLLPMNANGK	AGAP011053-PA	C2(Carbamidomethyl), M12(Oxidation),"C2(Carbamidomethyl), M12(Oxidation), N15(Deamidated)","C2(Carbamidomethyl), M12(Oxidation), N13(Deamidated)"	84	2.94E-08	2	1912.825	2.28	Salivary gland	3L:-:15784778-15784728	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_104247	SIDSDVDYLDTWKAMER	AGAP011053-PA	M15(Oxidation)	81	9.41E-08	1	2059.930	1.29	Malpighian tubule	3L:-:15784727-15784677	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_109364	SAGQVVLR	AGAP011053-PA	-	79	2.07E-07	2	829.489	0.21	Visceras	3L:-:15784382-15784359	exon=> In CDS Exon 3 of transcript AGAP011053-PA
JHU_Ag_109878	EDVFIVTK	AGAP011053-PA	-	53	5.95E-05	1	950.519	-0.02	Midgut	3L:-:15785007-15784984	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_114549	MAIDEGYR	AGAP011053-PA	M1(Oxidation)	36	0.001493802	2	970.431	0.77	Ovary	3L:-:15785118-15785095	exon=> In CDS Exon 2 of transcript AGAP011053-PA
JHU_Ag_772	PVPELQKPAPAFSGTAVVNGEFK	AGAP011054-PA	N19(Deamidated)	138	1.36E-13	1	2383.268	0.93	Ovary	3L:+:15789082-15789150	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_2549	DYGVLQEESGVPFR	AGAP011054-PA	-	106	4.41E-10	2	1595.767	-1.92	Head	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_3907	DYGVLQEESGVPFR	AGAP011054-PA	-	93	7.40E-09	1	1595.776	3.89	Malpighian tubule	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_5340	QGGLGELKIPLLADK	AGAP011054-PA	-	60	1.45E-06	1	1551.910	-0.24	Midgut	3L:+:15789349-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_5827	YTDEFGEVCPANWKPGSK	AGAP011054-PA	C9(Carbamidomethyl)	126	2.51E-12	1	2084.938	-0.36	Head	3L:+:15789562-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_6230	SKDYFNAVN	AGAP011054-PA	-	46	0.000151731	1	1057.494	-1.28	Male reproductive organs	3L:+:15789640-15789666	exon=> In CDS Exon 1 of transcript AGAP011054-PA

JHU_Ag_6338	PVPELQKPAPAFSGTAVVNGEFK	AGAP011054-PA	Q6(Deamidated)	102	4.80E-10	1	2383.262	-1.37	Head	3L:+:15789082-15789150	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_8246	CQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	65	3.66E-06	1	2614.222	-2.76	Head	3L:+:15789280-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_10075	KCQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C2(Carbamidomethyl), Q3(Deamidated), C7(Carbamidomethyl)	121	1.15E-11	1	2743.319	4.18	Ovary	3L:+:15789277-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_10390	GLFIIDDKGNLR	AGAP011054-PA	-	83	4.83E-08	1	1360.759	0.68	Salivary gland	3L:+:15789454-15789489	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_11178	IPLLADK	AGAP011054-PA	-	40	0.000210969	2	769.483	1.82	Salivary gland	3L:+:15789373-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_14110	TMVADPHK	AGAP011054-PA	M2(Oxidation)	44	0.00033792	1	914.440	-0.56	Male reproductive organs	3L:+:15789616-15789639	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_15204	IPLLADK	AGAP011054-PA	-	49	2.95E-05	1	769.483	1.28	Visceras	3L:+:15789373-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_15784	PVPELQKPAPAFSGTAVVNGEFKEIR	AGAP011054-PA	N19(Deamidated)	122	2.23E-12	1	2781.503	3.26	Malpighian tubule	3L:+:15789082-15789159	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_20729	GLFIIDDK	AGAP011054-PA	-	47	0.000231404	2	920.508	-0.44	Male reproductive organs	3L:+:15789454-15789477	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_22323	GLFIIDDKGNLR	AGAP011054-PA	-	81	7.61E-08	1	1360.762	2.47	Malpighian tubule	3L:+:15789454-15789489	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_22605	LVEAFR	AGAP011054-PA	-	47	0.000133068	2	734.419	-0.81	Male reproductive organs	3L:+:15789544-15789561	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_26128	IPLLADK	AGAP011054-PA	-	47	3.78E-05	2	769.482	0.55	Male reproductive organs	3L:+:15789373-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_28817	IPLLADK	AGAP011054-PA	-	48	3.26E-05	1	769.482	-0.3	Head	3L:+:15789373-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_29767	DYGVLQEESGVPFR	AGAP011054-PA	-	81	1.21E-07	2	1595.772	1.06	Salivary gland	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_31647	GLFIIDDKGNLR	AGAP011054-PA	-	90	8.80E-09	1	1360.758	-0.22	Head	3L:+:15789454-15789489	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_32473	GLFIIDDK	AGAP011054-PA	-	43	0.000529013	2	920.509	0.43	Ovary	3L:+:15789454-15789477	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_33066	GLFIIDDKGNLR	AGAP011054-PA	-	77	1.76E-07	1	1360.758	-0.31	Ovary	3L:+:15789454-15789489	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_36081	ADEFHEK	AGAP011054-PA	-	46	0.000101636	1	875.389	-0.37	Midgut	3L:+:15789256-15789276	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_39402	KCQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	72	8.74E-07	1	2742.324	0.13	Head	3L:+:15789277-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_39466	DYGVLQEESGVPFR	AGAP011054-PA	-	97	3.58E-09	1	1595.776	3.89	Midgut	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_41174	TMVADPHK	AGAP011054-PA	M2(Oxidation)	55	3.08E-05	1	898.445	-0.53	Head	3L:+:15789616-15789639	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_41300	SKDYFNAVN	AGAP011054-PA	-	36	0.001653227	2	1057.496	0.57	Malpighian tubule	3L:+:15789640-15789666	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_42504	QVTVNDLPVGR	AGAP011054-PA	-	60	8.98E-06	1	1197.658	-0.25	Midgut	3L:+:15789490-15789522	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_45336	KCQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	77	2.91E-07	1	2742.327	1.23	Visceras	3L:+:15789277-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_46983	QGGLGELKIPLLADK	AGAP011054-PA	-	102	8.72E-11	1	1551.912	1.18	Ovary	3L:+:15789349-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_50964	LSDYLGK	AGAP011054-PA	-	33	0.003730969	1	795.424	-1.51	Head	3L:+:15789160-15789180	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_54965	GLFIIDDKGNLR	AGAP011054-PA	-	76	2.56E-07	1	1360.764	4.09	Visceras	3L:+:15789454-15789489	exon=> In CDS Exon 1 of transcript AGAP011054-PA

JHU_Ag_57854	GLFIIDDKGNLR	AGAP011054-PA	-	79	1.34E-07	1	1360.758	-0.4	Male reproductive organs	3L:+:15789454-15789489	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_58929	QVTVNDLPVGR	AGAP011054-PA	-	64	3.26E-06	2	1197.659	0.16	Male reproductive organs	3L:+:15789490-15789522	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_60463	QVTVNDLPVGR	AGAP011054-PA	-	40	0.000698695	1	1197.659	0.26	Visceras	3L:+:15789490-15789522	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_62074	QVTVNDLPVGR	AGAP011054-PA	-	58	1.24E-05	1	1197.659	-0.05	Ovary	3L:+:15789490-15789522	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_62772	KCQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	151	1.31E-14	1	2742.322	-0.71	Midgut	3L:+:15789277-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_62886	ADEFHEK	AGAP011054-PA	-	42	0.000257661	1	875.389	-0.09	Male reproductive organs	3L:+:15789256-15789276	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_63293	YTDEFGEVCPANWKPGSK	AGAP011054-PA	C9(Carbamidomethyl)	101	8.28E-10	1	2084.942	1.86	Visceras	3L:+:15789562-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_65676	DYGVLQEESGVPFR	AGAP011054-PA	-	93	7.22E-09	1	1595.775	2.82	Visceras	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_66015	YTDEFGEVCPANWKPGSK	AGAP011054-PA	C9(Carbamidomethyl)	126	2.60E-12	1	2084.946	3.62	Malpighian tubule	3L:+:15789562-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_66378	IPLLADK	AGAP011054-PA	-	50	2.13E-05	2	769.482	0.16	Midgut	3L:+:15789373-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_67831	QGGLGELKIPLLADK	AGAP011054-PA	-	42	7.89E-05	1	1551.910	-0.24	Male reproductive organs	3L:+:15789349-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_70244	GLFIIDDK	AGAP011054-PA	-	47	0.000179459	1	920.506	-3.01	Head	3L:+:15789454-15789477	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_73405	QVTVNDLPVGR	AGAP011054-PA	-	44	0.000296132	1	1197.658	-0.25	Salivary gland	3L:+:15789490-15789522	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_74476	PVPELQKPAPAFSGTAVVNGEFKEIR	AGAP011054-PA	N19(Deamidated)	29	0.0073089	1	2782.477	-0.04	Midgut	3L:+:15789082-15789159	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_74553	LSDYLGK	AGAP011054-PA	-	36	0.002484971	2	795.425	0.24	Visceras	3L:+:15789160-15789180	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_74793	SKDYFNAVN	AGAP011054-PA	-	44	0.000319398	2	1057.496	1.26	Salivary gland	3L:+:15789640-15789666	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_74961	YTDEFGEVCPANWKPGSK	AGAP011054-PA	C9(Carbamidomethyl)	120	1.13E-11	1	2084.937	-0.48	Midgut	3L:+:15789562-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_77286	CQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	119	1.85E-11	1	2614.237	3.13	Ovary	3L:+:15789280-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_78626	DYGVLQEESGVPFR	AGAP011054-PA	-	95	4.85E-09	1	1595.771	0.53	Male reproductive organs	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_80210	PVPELQKPAPAFSGTAVVNGEFK	AGAP011054-PA	-	124	3.04E-12	1	2383.273	3.01	Malpighian tubule	3L:+:15789082-15789150	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_83742	GLFIIDDK	AGAP011054-PA	-	40	0.001043349	1	920.510	0.89	Malpighian tubule	3L:+:15789454-15789477	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_84356	CQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	110	1.30E-10	1	2614.235	2.47	Visceras	3L:+:15789280-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_85150	GLFIIDDKGNLR	AGAP011054-PA	-	89	1.23E-08	1	1360.758	-0.04	Midgut	3L:+:15789454-15789489	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_85306	GLFIIDDK	AGAP011054-PA	-	44	0.000432978	1	920.509	-0.02	Midgut	3L:+:15789454-15789477	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_85427	CQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	41	0.000976279	1	2614.231	0.61	Malpighian tubule	3L:+:15789280-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_85913	LSDYLGK	AGAP011054-PA	-	35	0.002337877	2	795.424	-1.14	Ovary	3L:+:15789160-15789180	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_87446	QGGLGELKIPLLADK	AGAP011054-PA	-	35	0.000383867	2	1551.917	4.41	Malpighian tubule	3L:+:15789349-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_89606	DYGVLQEESGVPFR	AGAP011054-PA	-	52	9.78E-05	2	1595.776	3.43	Larva	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA

JHU_Ag_90432	GLFIIDDK	AGAP011054-PA	-	54	4.75E-05	1	920.508	-0.9	Salivary gland	3L:+:15789454-15789477	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_95687	KCQVIACSTDSHFTHLAWINTPR	AGAP011054-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	110	1.68E-10	1	2742.319	-2	Malpighian tubule	3L:+:15789277-15789345	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_97210	PVPELQKPAPAFSGTAVVNGEFK	AGAP011054-PA	N19(Deamidated)	126	2.55E-12	1	2384.249	-0.22	Midgut	3L:+:15789082-15789150	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_97361	YTDEFGEVCPANWKPGSK	AGAP011054-PA	C9(Carbamidomethyl)	105	3.60E-10	1	2084.940	0.69	Male reproductive organs	3L:+:15789562-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_97477	YTDEFGEVCPANWKPGSK	AGAP011054-PA	C9(Carbamidomethyl)	66	2.99E-06	1	2084.944	2.53	Salivary gland	3L:+:15789562-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_98350	PVPELQKPAPAFSGTAVVNGEFK	AGAP011054-PA	-	128	1.10E-12	1	2383.270	1.7	Visceras	3L:+:15789082-15789150	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_99013	IPLLADK	AGAP011054-PA	-	51	1.71E-05	2	769.484	3.01	Ovary	3L:+:15789373-15789393	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_99486	PVPELQKPAPAFSGTAVVNGEFK	AGAP011054-PA	N19(Deamidated)	51	7.04E-05	1	2384.254	1.7	Male reproductive organs	3L:+:15789082-15789150	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_105990	SKDYFNAVN	AGAP011054-PA	-	46	0.000190 24	2	1057.495	-0.24	Ovary	3L:+:15789640-15789666	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_106886	LVEAFRYTDEFGEVCPANWKPGSK	AGAP011054-PA	C15(Carbamidomethyl)	136	4.49E-13	1	2800.353	4.67	Malpighian tubule	3L:+:15789544-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_109152	ADEFHEK	AGAP011054-PA	-	47	8.83E-05	1	875.389	-0.65	Head	3L:+:15789256-15789276	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_109187	QVTVNDLPVGR	AGAP011054-PA	-	36	0.002116 71	2	1197.660	1.08	Malpighian tubule	3L:+:15789490-15789522	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_111983	LVEAFR	AGAP011054-PA	-	32	0.004561 155	1	734.419	-0.73	Head	3L:+:15789544-15789561	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_113209	PVPELQKPAPAFSGTAVVNGEFKEIR	AGAP011054-PA	N19(Deamidated)	128	8.64E-13	1	2782.485	2.59	Ovary	3L:+:15789082-15789159	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_113928	PVPELQKPAPAFSGTAVVNGEFK	AGAP011054-PA	N19(Deamidated)	115	2.33E-11	1	2383.267	0.7	Salivary gland	3L:+:15789082-15789150	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_114160	DYGVLQEESGVPFR	AGAP011054-PA	-	79	1.90E-07	1	1595.772	1.44	Pupa	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_114542	DYGVLQEESGVPFR	AGAP011054-PA	-	74	5.87E-07	2	1595.769	-0.7	Ovary	3L:+:15789412-15789453	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_115390	YTDEFGEVCPANWKPGSK	AGAP011054-PA	C9(Carbamidomethyl)	113	4.89E-11	1	2084.944	2.92	Ovary	3L:+:15789562-15789615	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_115601	ADEFHEK	AGAP011054-PA	-	41	0.000367 323	1	875.390	0.26	Ovary	3L:+:15789256-15789276	exon=> In CDS Exon 1 of transcript AGAP011054-PA
JHU_Ag_10925	SVDETLR	AGAP011054-PA,AGAP000396-PA,AGAP007543-PA	-	40	0.002119 259	1	819.420	-0.89	Midgut	3L:+:15789523-15789543;X:+:7240756-7240776;2L:+:47439252-47439272	exon=> In CDS Exon 1 of transcript AGAP011054-PA;exon=> In CDS Exon 3 of transcript AGAP000396-PA;exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_37100	SVDETLR	AGAP011054-PA,AGAP000396-PA,AGAP007543-PA	-	46	0.000538 498	1	819.420	-0.89	Male reproductive organs	3L:+:15789523-15789543;X:+:7240756-7240776;2L:+:47439252-47439272	exon=> In CDS Exon 1 of transcript AGAP011054-PA;exon=> In CDS Exon 3 of transcript AGAP000396-PA;exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_37705	SVDETLR	AGAP011054-PA,AGAP000396-PA,AGAP007543-PA	-	42	0.001015 146	1	819.422	1.27	Malpighian tubule	3L:+:15789523-15789543;X:+:7240756-7240776;2L:+:47439252-47439272	exon=> In CDS Exon 1 of transcript AGAP011054-PA;exon=> In CDS Exon 3 of transcript AGAP000396-PA;exon=> In CDS Exon 2 of transcript AGAP007543-PA

JHU_Ag_39586	SVDETLR	AGAP011054-PA,AGAP000396-PA,AGAP007543-PA	-	48	0.000366593	2	819.420	-0.61	Head	3L:+:15789523-15789543;X:+:7240756-7240776;2L:+:47439252-47439272	exon=> In CDS Exon 1 of transcript AGAP011054-PA;exon=> In CDS Exon 3 of transcript AGAP000396-PA;exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_72873	SVDETLR	AGAP011054-PA,AGAP000396-PA,AGAP007543-PA	-	42	0.001189275	1	819.421	0.82	Visceras	3L:+:15789523-15789543;X:+:7240756-7240776;2L:+:47439252-47439272	exon=> In CDS Exon 1 of transcript AGAP011054-PA;exon=> In CDS Exon 3 of transcript AGAP000396-PA;exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_74931	SVDETLR	AGAP011054-PA,AGAP000396-PA,AGAP007543-PA	-	46	0.000494598	2	819.421	-0.16	Ovary	3L:+:15789523-15789543;X:+:7240756-7240776;2L:+:47439252-47439272	exon=> In CDS Exon 1 of transcript AGAP011054-PA;exon=> In CDS Exon 3 of transcript AGAP000396-PA;exon=> In CDS Exon 2 of transcript AGAP007543-PA
JHU_Ag_8413	EQEERR	AGAP011055-PA	Q2(Deamidated)	34	0.004268801	2	847.391	0.52	Head	3L:-:15796861-15796844	exon=> In CDS Exon 2 of transcript AGAP011055-PA
JHU_Ag_61574	LKMEK	AGAP011055-PA,AGAP010867-PA	M3(Oxidation)	34	0.003927731	1	664.366	-5.41	Visceras	3L:-:15795973-15795959;3L:-:12159595-12159581	exon=> In CDS Exon 2 of transcript AGAP011055-PA;exon=> In CDS Exon 2 of transcript AGAP010867-PA
JHU_Ag_660	DEDDEYDLPR	AGAP011056-PA	-	63	1.19E-06	2	1266.513	0.49	Midgut	3L:+:15799429-15799458	exon=> In CDS Exon 2 of transcript AGAP011056-PA
JHU_Ag_2329	FDDWYLDR	AGAP011056-PA	-	43	0.000294641	2	1129.493	-1.32	Midgut	3L:+:15799585-15799608	exon=> In CDS Exon 2 of transcript AGAP011056-PA
JHU_Ag_11280	ERISIPR	AGAP011057-PA	-	37	0.001421588	2	870.504	-12.91	Salivary gland	3L:+:15800728-15800748	exon=> In CDS Exon 2 of transcript AGAP011057-PA
JHU_Ag_39668	ERISIPR	AGAP011057-PA	-	32	0.00380347	2	870.504	-13.89	Visceras	3L:+:15800728-15800748	exon=> In CDS Exon 2 of transcript AGAP011057-PA
JHU_Ag_85050	DATEIQNIQIADGNVCPK	AGAP011057-PA	C16(Carbamidomethyl)	73	7.45E-07	2	1985.962	1.1	Head	3L:+:15800905-15800958	exon=> In CDS Exon 2 of transcript AGAP011057-PA
JHU_Ag_8287	LLSAEFLEQNYDKVFSR	AGAP011060-PA	-	45	0.000401701	1	2059.053	1.77	Pupa	3L:+:15805885-15805935	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_10723	YEALLNSENYVTR	AGAP011060-PA	-	59	2.12E-05	2	1571.772	1.18	Visceras	3L:+:15805936-15805974	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_10872	LLSAEFLEQNYDK	AGAP011060-PA	-	94	5.14E-09	1	1569.776	-2.17	Ovary	3L:+:15805885-15805923	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_26897	YEALLNSENYVTR	AGAP011060-PA	-	62	1.02E-05	2	1571.772	1.02	Pupa	3L:+:15805936-15805974	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_33190	AYLIMQIK	AGAP011060-PA	M5(Oxidation)	45	0.000199301	1	995.560	0.78	Ovary	3L:+:15806266-15806289	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_33883	DVAHIFNNVIR	AGAP011060-PA	-	60	8.18E-06	1	1297.703	1.14	Head	3L:+:15805585-15805617	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_39343	IMLHSEEFFNFFR	AGAP011060-PA	M2(Oxidation)	38	0.00221575	1	1732.813	-1.05	Midgut	3L:+:15805771-15805809	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_44099	VFVANPNKPKPIMDILLR	AGAP011060-PA	M13(Oxidation)	48	3.44E-05	1	2081.194	-0.25	Head	3L:+:15806134-15806187	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_48931	LLSAEFLEQNYDKVFSR	AGAP011060-PA	-	39	0.00152479	1	2059.047	-1.08	Midgut	3L:+:15805885-15805935	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_54296	IMLHSEEFFNFFR	AGAP011060-PA	M2(Oxidation)	58	2.63E-05	1	1732.818	1.8	Ovary	3L:+:15805771-15805809	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_66041	LLSAEFLEQNYDKVFSR	AGAP011060-PA	-	51	0.000115591	1	2059.051	0.7	Male reproductive organs	3L:+:15805885-15805935	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_80939	VFVANPNKPKPIMDILLR	AGAP011060-PA	M13(Oxidation)	57	4.23E-06	1	2081.199	2.48	Male reproductive organs	3L:+:15806134-15806187	exon=> In CDS Exon 1 of transcript AGAP011060-PA

JHU_Ag_91380	LLSAEFLEQNYDK	AGAP011060-PA	-	97	2.69E-09	1	1569.784	3.04	Pupa	3L:+:15805885-15805923	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_93303	DVAHIFNNVIR	AGAP011060-PA	-	41	0.000544436	1	1297.703	1.14	Male reproductive organs	3L:+:15805585-15805617	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_95633	LLSAEFLEQNYDK	AGAP011060-PA	-	80	1.44E-07	1	1569.784	2.97	Head	3L:+:15805885-15805923	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_100871	YEALLNSENYVTR	AGAP011060-PA	-	64	6.45E-06	1	1571.770	0.09	Male reproductive organs	3L:+:15805936-15805974	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_101243	YEALLNSENYVTR	AGAP011060-PA	-	49	0.000170426	1	1571.773	1.95	Head	3L:+:15805936-15805974	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_106285	VFVANPNKPKPIMDILLR	AGAP011060-PA	M13(Oxidation)	48	3.36E-05	1	2081.192	-1.13	Midgut	3L:+:15806134-15806187	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_108215	DVAHIFNNVIR	AGAP011060-PA	-	43	0.000439966	1	1297.703	1.27	Ovary	3L:+:15805585-15805617	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_109208	YEALLNSENYVTR	AGAP011060-PA	-	90	1.59E-08	1	1571.771	0.86	Ovary	3L:+:15805936-15805974	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_109621	YEALLNSENYVTR	AGAP011060-PA	-	70	1.62E-06	2	1571.771	0.63	Midgut	3L:+:15805936-15805974	exon=> In CDS Exon 1 of transcript AGAP011060-PA
JHU_Ag_874	FGGGAIVENTSHGLGR	AGAP011061-PA	-	103	6.97E-10	1	1571.807	8.99	Midgut	3L:+:15808468-15808515	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_1768	ELLFGVEVDGLDEPVK	AGAP011061-PA	-	99	1.65E-09	1	1758.918	1.22	Malpighian tubule	3L:+:15808654-15808701	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_6544	CGFIGEVGSGWPISHFER	AGAP011061-PA	C1(Carbamidomethyl)	118	2.70E-11	1	2034.953	2.09	Malpighian tubule	3L:+:15808702-15808755	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_6600	ELLFGVEVDGLDEPVK	AGAP011061-PA	-	99	1.54E-09	2	1758.918	1.08	Pupa	3L:+:15808654-15808701	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_8646	LTSFGGHGYSHILNNVLMR	AGAP011061-PA	M18(Oxidation)	132	8.62E-13	1	2132.074	1.49	Malpighian tubule	3L:+:15809125-15809127,15809198-15809251	exon=> In CDS Exon 1 and 2 of transcript AGAP011061-PA
JHU_Ag_11637	ITLENVGYVR	AGAP011061-PA	-	78	1.67E-07	2	1163.643	1.01	Pupa	3L:+:15808348-15808377	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_11984	TVDTMTIANPAR	AGAP011061-PA	M5(Oxidation)	73	8.38E-07	2	1305.646	-0.76	Midgut	3L:+:15809279-15809314	exon=> In CDS Exon 2 of transcript AGAP011061-PA
JHU_Ag_12542	TLFEDEDLLEFAK	AGAP011061-PA	-	102	8.66E-10	1	1569.768	-0.24	Ovary	3L:+:15808912-15808950	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_16465	EAPYEIVRLYLEAGGSASK	AGAP011061-PA	-	87	2.09E-08	1	2053.063	1.53	Malpighian tubule	3L:+:15808831-15808887	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_18061	LTSFGGHGYSHILNNVLMR	AGAP011061-PA	M18(Oxidation)	48	0.000205344	1	2132.081	5.01	Larva	3L:+:15809125-15809127,15809198-15809251	exon=> In CDS Exon 1 and 2 of transcript AGAP011061-PA
JHU_Ag_20116	MYSAPPDAVEEYVSKR	AGAP011061-PA	M1(Oxidation)	69	2.29E-06	1	1857.871	1.38	Malpighian tubule	3L:+:15808300-15808347	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_23072	LYLEAGGSASK	AGAP011061-PA	-	45	0.00038788	1	1095.567	-1.18	Pupa	3L:+:15808855-15808887	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_23839	TVDTMTIANPAR	AGAP011061-PA	M5(Oxidation)	49	0.000216697	2	1305.647	0.08	Pupa	3L:+:15809279-15809314	exon=> In CDS Exon 2 of transcript AGAP011061-PA
JHU_Ag_25428	CGFIGEVGSGWPISHFER	AGAP011061-PA	C1(Carbamidomethyl)	63	7.47E-06	1	2034.953	1.91	Midgut	3L:+:15808702-15808755	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_26993	EREAPYEIVR	AGAP011061-PA	-	38	0.002822279	1	1261.654	0.22	Malpighian tubule	3L:+:15808825-15808854	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_27869	FGGGAIVENTSHGLGR	AGAP011061-PA	-	70	1.59E-06	1	1571.797	2.54	Larva	3L:+:15808468-15808515	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_34999	TLFEDEDLLEFAK	AGAP011061-PA	-	99	1.87E-09	1	1569.772	2.18	Pupa	3L:+:15808912-15808950	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_35928	MYSAPPDAVEEYVSK	AGAP011061-PA	M1(Oxidation)	104	4.69E-10	1	1685.777	2.52	Malpighian tubule	3L:+:15808300-15808344	exon=> In CDS Exon 1 of transcript AGAP011061-PA

JHU_Ag_36249	MYSAPPDAVEEYVSK	AGAP011061-PA	M1(Oxidation)	64	3.61E-06	2	1701.763	-3.05	Midgut	3L:+:15808300-15808344	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_36323	VLMAHDIHTK	AGAP011061-PA	M3(Oxidation)	75	4.04E-07	1	1180.617	1.82	Malpighian tubule	3L:+:15809089-15809118	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_41334	MYSAPPDAVEEYVSKR	AGAP011061-PA	-	77	3.27E-07	1	1841.876	0.95	Pupa	3L:+:15808300-15808347	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_44477	ITLENVGYVR	AGAP011061-PA	-	42	0.000720028	2	1163.643	0.48	Male reproductive organs	3L:+:15808348-15808377	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_46041	GPVDPEQLGYTLTHEHFSLNFDK	AGAP011061-PA	-	34	0.005679595	1	2644.276	3.16	Visceras	3L:+:15808231-15808299	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_46255	LIEEGYAER	AGAP011061-PA	-	58	2.57E-05	2	1079.536	-1.04	Ovary	3L:+:15809062-15809088	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_46830	TVDTMTIANPAR	AGAP011061-PA	M5(Oxidation)	71	1.26E-06	1	1305.650	2.79	Malpighian tubule	3L:+:15809279-15809314	exon=> In CDS Exon 2 of transcript AGAP011061-PA
JHU_Ag_46943	GPVDPEQLGYTLTHEHFSLNFDK	AGAP011061-PA	Q7(Deamidated)	152	9.76E-15	1	2644.269	0.58	Malpighian tubule	3L:+:15808231-15808299	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_48205	FGGGAIVENTSHGLGR	AGAP011061-PA	-	111	1.03E-10	1	1571.792	-0.41	Pupa	3L:+:15808468-15808515	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_53077	FGGGAIVENTSHGLGR	AGAP011061-PA	-	68	2.09E-06	1	1571.790	-1.54	Ovary	3L:+:15808468-15808515	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_54918	YNINFEDFDTHEAVTK	AGAP011061-PA	-	110	1.26E-10	1	1942.883	0.73	Midgut	3L:+:15808399-15808446	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_58141	TLFEDEDLLEFAK	AGAP011061-PA	-	83	7.43E-08	2	1569.770	1.16	Male reproductive organs	3L:+:15808912-15808950	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_59333	VLMAHDIHTK	AGAP011061-PA	M3(Oxidation)	46	0.000280975	1	1180.619	4.09	Larva	3L:+:15809089-15809118	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_60290	LYLEAGGSASK	AGAP011061-PA	-	71	1.00E-06	1	1095.569	0.94	Malpighian tubule	3L:+:15808855-15808887	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_60768	NAIQATAEVQGVVGCGVSFHPGR	AGAP011061-PA	C15(Carbamidomethyl)	55	4.69E-05	1	2354.176	3.86	Malpighian tubule	3L:+:15808756-15808824	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_60975	GPVDPEQLGYTLTHEHFSLNFDK	AGAP011061-PA	-	126	3.92E-12	1	2644.281	4.83	Larva	3L:+:15808231-15808299	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_61261	TLFEDEDLLEFAK	AGAP011061-PA	-	52	9.60E-05	2	1569.777	5.6	Larva	3L:+:15808912-15808950	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_63091	ELLFGVEVDGLDEPVK	AGAP011061-PA	-	79	1.52E-07	2	1758.914	-0.93	Midgut	3L:+:15808654-15808701	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_73920	MYSAPPDAVEEYVSK	AGAP011061-PA	M1(Oxidation)	45	0.000394371	2	1685.773	0.35	Pupa	3L:+:15808300-15808344	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_75519	RITLENVGYVR	AGAP011061-PA	-	49	7.80E-05	1	1319.744	0.58	Malpighian tubule	3L:+:15808345-15808377	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_79145	GPVDPEQLGYTLTHEHFSLNFDK	AGAP011061-PA	-	138	2.27E-13	1	2644.269	0.3	Pupa	3L:+:15808231-15808299	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_83932	TLFEDEDLLEFAK	AGAP011061-PA	-	99	1.84E-09	1	1569.765	-2.41	Midgut	3L:+:15808912-15808950	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_85990	YNINFEDFDTHEAVTK	AGAP011061-PA	-	117	2.14E-11	1	1942.883	0.41	Pupa	3L:+:15808399-15808446	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_91068	FGGGAIVENTSHGLGR	AGAP011061-PA	-	125	5.00E-12	1	1571.796	2.23	Malpighian tubule	3L:+:15808468-15808515	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_94073	VLMAHDIHTK	AGAP011061-PA	M3(Oxidation)	38	0.001921754	1	1180.614	-0.11	Midgut	3L:+:15809089-15809118	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_94131	ITLENVGYVR	AGAP011061-PA	-	74	4.03E-07	2	1163.643	0.59	Ovary	3L:+:15808348-15808377	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_96665	MYSAPPDAVEEYVSKR	AGAP011061-PA	M1(Oxidation)	65	5.66E-06	1	1857.868	-0.46	Midgut	3L:+:15808300-15808347	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_96702	YNINFEDFDTHEAVTK	AGAP011061-PA	-	78	1.64E-07	1	1942.883	0.72	Ovary	3L:+:15808399-15808446	exon=> In CDS Exon 1 of transcript AGAP011061-PA

JHU_Ag_96949	GPVDPEQLGYTLTHEHFSLNFDK	AGAP011061-PA	-	134	5.66E-13	1	2644.271	1.04	Ovary	3L:+:15808231-15808299	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_97808	GPVDPEQLGYTLTHEHFSLNFDK	AGAP011061-PA	-	113	8.00E-11	1	2644.279	4.09	Midgut	3L:+:15808231-15808299	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_101980	ITLENVGYVRQYPYGSR	AGAP011061-PA	-	69	1.84E-06	1	2015.042	3.68	Malpighian tubule	3L:+:15808348-15808398	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_108492	TLFEDEDLLEFAK	AGAP011061-PA	-	111	1.17E-10	1	1569.772	2.18	Malpighian tubule	3L:+:15808912-15808950	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_111183	VLMAHDIHTK	AGAP011061-PA	M3(Oxidation)	61	1.02E-05	1	1180.614	-0.66	Pupa	3L:+:15809089-15809118	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_112677	ITLENVGYVR	AGAP011061-PA	-	75	3.53E-07	1	1163.644	1.95	Malpighian tubule	3L:+:15808348-15808377	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_115148	YNINFEDFDTHEAVTK	AGAP011061-PA	-	111	7.86E-11	1	1942.881	-0.59	Malpighian tubule	3L:+:15808399-15808446	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_115579	LTSFGGHGYSHILNNVLMR	AGAP011061-PA	-	82	8.46E-08	1	2116.078	0.86	Pupa	3L:+:15809125-15809127,15809198-15809251	exon=> In CDS Exon 1 and 2 of transcript AGAP011061-PA
JHU_Ag_117415	LIEEGYAER	AGAP011061-PA	-	54	6.72E-05	2	1079.538	1.45	Malpighian tubule	3L:+:15809062-15809088	exon=> In CDS Exon 1 of transcript AGAP011061-PA
JHU_Ag_109085	GALQATLRNLNLK	AGAP011068-PA	Q4(Deamidated)	28	0.005301047	1	1412.837	10.26	Malpighian tubule	3L:+:16224088-16224126	exon=> In CDS Exon 3 of transcript AGAP011068-PA
JHU_Ag_27866	QDDPVLLEDAVVQR	AGAP011068-PA,AGAP011066-PA	-	68	2.03E-06	2	1596.826	2.1	Visceras	3L:+:16224481-16224522;3L:+:16188352-16188393	exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_32328	NIGLSNFNVQQVQR	AGAP011068-PA,AGAP011066-PA	-	63	7.13E-06	2	1616.857	4.38	Visceras	3L:+:16224286-16224327;3L:+:16188157-16188198	exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_33323	NGSPIPALGLGTWNSPPGQVTQAVK	AGAP011068-PA,AGAP011066-PA	N1(Deamidated)	49	0.000114947	2	2490.314	6.19	Visceras	3L:+:16223717-16223758,16223823-16223855;3L:+:16187587-16187628,16187694-16187726	exon=> In CDS Exon 1 and 2 of transcript AGAP011068-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011066-PA
JHU_Ag_60481	IPTVFFK	AGAP011068-PA,AGAP011066-PA	-	34	0.000897305	2	851.503	0.6	Visceras	3L:+:16223696-16223716;3L:+:16187566-16187586	exon=> In CDS Exon 1 of transcript AGAP011068-PA;exon=> In CDS Exon 1 of transcript AGAP011066-PA
JHU_Ag_65701	YLDLYLIHWPVAYR	AGAP011068-PA,AGAP011066-PA	-	70	7.86E-07	1	1821.981	6.62	Visceras	3L:+:16224127-16224168;3L:+:16187998-16188039	exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_87716	LVEAGLVR	AGAP011068-PA,AGAP011066-PA	-	46	0.000152596	2	856.525	0.22	Visceras	3L:+:16224262-16224285;3L:+:16188133-16188156	exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA
JHU_Ag_39908	VLDVAR	AGAP011068-PA,AGAP011066-PA,AGAP011051-PA	-	36	0.002058215	1	672.404	-0.29	Midgut	3L:+:16224328-16224345;3L:+:16188199-16188216;3L:+:15779441-15779458	exon=> In CDS Exon 3 of transcript AGAP011068-PA;exon=> In CDS Exon 3 of transcript AGAP011066-PA;exon=> In CDS Exon 3 of transcript AGAP011051-PA
JHU_Ag_84634	DAIDVGYR	AGAP011068-PA,AGAP011066-PA,AGAP011051-PA	-	45	0.000662094	1	908.446	-1.42	Ovary	3L:+:16223856-16223879;3L:+:16187727-16187750;3L:+:15778967-15778990	exon=> In CDS Exon 2 of transcript AGAP011068-PA;exon=> In CDS Exon 2 of transcript AGAP011066-PA;exon=> In CDS Exon 2 of transcript AGAP011051-PA

JHU_Ag_110463	DAIDVGYR	AGAP011068-PA,AGAP011066-PA,AGAP011051-PA	-	47	0.000351461	2	908.447	-0.28	Male reproductive organs	3L:+:16223856-16223879;3L:+:16187727-16187750;3L:+:15778967-15778990	exon=> In CDS Exon 2 of transcript AGAP011068-PA;exon=> In CDS Exon 2 of transcript AGAP011066-PA;exon=> In CDS Exon 2 of transcript AGAP011051-PA
JHU_Ag_16274	LFEHIDRPGLDVK	AGAP011069-PA	-	66	2.23E-06	1	1538.836	2.1	Head	3L:+:16236881-16236919	exon=> In CDS Exon 3 of transcript AGAP011069-PA
JHU_Ag_18704	WYVNSVDLAYSSSNK	AGAP011069-PA	-	66	4.02E-06	2	1732.822	2.43	Head	3L:+:16236836-16236880	exon=> In CDS Exon 3 of transcript AGAP011069-PA
JHU_Ag_31728	AGNAWGPTFQCSATGTYR	AGAP011069-PA	C11(Carbamidomethyl)	128	1.31E-12	1	1944.865	-0.39	Head	3L:+:16237088-16237141	exon=> In CDS Exon 3 of transcript AGAP011069-PA
JHU_Ag_91627	SYTCDNEVIITMFAQDENDK	AGAP011069-PA	C4(Carbamidomethyl)	42	0.000394252	2	2393.033	2.2	Head	3L:+:16236968-16237027	exon=> In CDS Exon 3 of transcript AGAP011069-PA
JHU_Ag_105202	LSTPPGTLLFPTPVGK	AGAP011069-PA	-	110	3.95E-11	1	1624.933	1.2	Head	3L:+:16236920-16236967	exon=> In CDS Exon 3 of transcript AGAP011069-PA
JHU_Ag_47491	EMLLGGK	AGAP011070-PA	-	43	0.001206024	1	747.411	4.97	Malpighian tubule	3L:-:16244146-16244126	exon=> In CDS Exon 10 of transcript AGAP011070-PA
JHU_Ag_1449	GTAWEGGLYR	AGAP011076-PA	-	42	0.001151991	1	1109.538	0.26	Ovary	3L:+:16304302-16304331	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_28601	QILLGIQDLLNEPNIK	AGAP011076-PA	-	105	8.15E-11	1	1821.048	-0.12	Ovary	3L:+:16304485-16304532	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_34487	GTAWEGGLYR	AGAP011076-PA	-	52	0.000108505	2	1109.537	-0.18	Male reproductive organs	3L:+:16304302-16304331	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_39171	QILLGIQDLLNEPNIK	AGAP011076-PA	Q1(Deamidated), N11(Deamidated)	76	5.64E-08	2	1821.051	1.36	Head	3L:+:16304485-16304532	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_47145	GTAWEGGLYR	AGAP011076-PA	-	38	0.002992582	2	1109.536	-1.28	Midgut	3L:+:16304302-16304331	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_50790	KGTAWEGGLYR	AGAP011076-PA	-	49	0.000175333	2	1237.637	3.39	Ovary	3L:+:16304299-16304331	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_58332	KGTAWEGGLYR	AGAP011076-PA	-	56	3.48E-05	2	1237.633	0.13	Male reproductive organs	3L:+:16304299-16304331	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_62739	GTAWEGGLYR	AGAP011076-PA	-	41	0.001322662	1	1109.538	0.04	Salivary gland	3L:+:16304302-16304331	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_82499	DPAQAEAYTIYCQNR	AGAP011076-PA	C12(Carbamidomethyl)	124	3.18E-12	1	1799.803	0.83	Head	3L:+:16304533-16304577	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_82690	QILLGIQDLLNEPNIKDPAQAEAYTIYCQNR	AGAP011076-PA	C28(Carbamidomethyl)	210	7.36E-21	1	3601.836	1.04	Ovary	3L:+:16304485-16304577	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_87206	GTAWEGGLYR	AGAP011076-PA	-	48	0.000245315	2	1109.537	-0.73	Head	3L:+:16304302-16304331	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_87590	QILLGIQDLLNEPNIKDPAQAEAYTIYCQNR	AGAP011076-PA	C28(Carbamidomethyl)	138	1.18E-13	1	3601.837	1.24	Head	3L:+:16304485-16304577	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_97965	SGIAASR	AGAP011076-PA	N-Term(Acetyl)	36	0.003498259	1	703.373	0.07	Midgut	3L:+:16304158-16304178	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_101093	SGIAASR	AGAP011076-PA	N-Term(Acetyl)	39	0.002495734	1	703.374	1.28	Malpighian tubule	3L:+:16304158-16304178	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_104708	NTDGSLNLMTWECAIPGK	AGAP011076-PA	C13(Carbamidomethyl)	42	0.000830711	2	2006.934	1.38	Midgut	3L:+:16304245-16304298	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_106430	MIFKDDYPTSPPK	AGAP011076-PA	-	56	3.86E-05	2	1538.755	-0.46	Midgut	3L:+:16304338-16304376	exon=> In CDS Exon 1 of transcript AGAP011076-PA
JHU_Ag_108297	DHPYGFVARPVK	AGAP011076-PA,AGAP000495-PA	-	38	0.002008193	2	1385.736	2.18	Malpighian tubule	3L:+:16304209-16304244;X:-:8754195-8754249,8753942-8754002	exon=> In CDS Exon 1 of transcript AGAP011076-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP000495-PA

JHU_Ag_24607	DWRPAITIK	AGAP011076-PA,AGAP012107-PA	-	44	0.00039446	3	1099.633	6.78	Midgut	3L:+:16304458-16304484;3L:-:37745877-37745851	exon=> In CDS Exon 1 of transcript AGAP011076-PA;exon=> In CDS Exon 3 of transcript AGAP012107-PA
JHU_Ag_51228	DWRPAITIK	AGAP011076-PA,AGAP012107-PA	-	36	0.001503977	1	1099.628	1.45	Ovary	3L:+:16304458-16304484;3L:-:37745877-37745851	exon=> In CDS Exon 1 of transcript AGAP011076-PA;exon=> In CDS Exon 3 of transcript AGAP012107-PA
JHU_Ag_348	KLITALCNEHQIPLIR	AGAP011077-PA	C7(Carbamidomethyl)	87	4.25E-09	1	1919.096	3.52	Malpighian tubule	3L:+:16306645-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_2824	LITALCNEHQIPLIR	AGAP011077-PA	C6(Carbamidomethyl), Q10(Deamidated),"C6(Carbamidomethyl), N7(Deamidated)",C6(Carbamidomethyl)	107	1.13E-10	1	1790.994	-0.45	Ovary	3L:+:16306648-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_5780	RQAVLCILAESCDEPQYK	AGAP011077-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	72	1.07E-06	1	2180.048	0.28	Malpighian tubule	3L:+:16306591-16306644	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_6398	LGEWSGLCK	AGAP011077-PA	C8(Carbamidomethyl)	60	1.95E-05	1	1049.508	-0.42	Midgut	3L:+:16306711-16306737	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_7316	DFGEETPALDVIKEHLR	AGAP011077-PA	-	158	2.28E-15	1	1969.002	-0.2	Male reproductive organs	3L:+:16306905-16306955	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_12760	DFGEETPALDVIK	AGAP011077-PA	-	84	8.55E-08	2	1433.716	0.04	Male reproductive organs	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_14671	SLIADGLVHGIHEACK	AGAP011077-PA	C15(Carbamidomethyl)	97	2.46E-09	2	1719.889	2.38	Head	3L:+:16306531-16306578	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_16557	KLITALCNEHQIPLIR	AGAP011077-PA	C7(Carbamidomethyl)	123	1.06E-12	1	1919.099	4.8	Ovary	3L:+:16306645-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_19014	KSLIADGLVHGIHEACK	AGAP011077-PA	C16(Carbamidomethyl)	65	2.97E-06	1	1847.983	1.75	Male reproductive organs	3L:+:16306528-16306578	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_20668	KLGEWSGLCK	AGAP011077-PA	C9(Carbamidomethyl)	45	0.000461242	1	1177.607	2.84	Ovary	3L:+:16306708-16306737	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_21156	KICGASCVVLK	AGAP011077-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	54	6.16E-05	2	1234.664	-0.57	Head	3L:+:16306762-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_23124	LITALCNEHQIPLIR	AGAP011077-PA	C6(Carbamidomethyl)	123	2.37E-12	1	1790.996	0.71	Male reproductive organs	3L:+:16306648-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_23625	QAVLCILAESCDEPQYKK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl),"Q1(Deamidated), C5(Carbamidomethyl), C11(Carbamidomethyl)"	94	6.80E-09	1	2152.045	1.89	Malpighian tubule	3L:+:16306594-16306647	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_24801	DFGEETPALDVIK	AGAP011077-PA	-	90	2.24E-08	1	1433.719	2.08	Visceras	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_28772	QAVLCILAESCDEPQYKK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	53	7.43E-05	1	2152.045	1.83	Male reproductive organs	3L:+:16306594-16306647	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_31233	IDKEGKPR	AGAP011077-PA	-	42	0.000637987	1	942.537	-0.23	Male reproductive organs	3L:+:16306738-16306761	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_33159	QAVLCILAESCDEPQYK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	116	3.49E-11	1	2023.948	0.92	Ovary	3L:+:16306594-16306644	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_33480	LITALCNEHQIPLIR	AGAP011077-PA	C6(Carbamidomethyl)	77	1.05E-07	1	1790.998	2.07	Visceras	3L:+:16306648-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_34036	QAVLCILAESCDEPQYKK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	76	3.74E-07	1	2152.041	-0.21	Midgut	3L:+:16306594-16306647	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_35079	LITALCNEHQIPLIR	AGAP011077-PA	C6(Carbamidomethyl)	109	6.47E-11	1	1790.994	-0.38	Midgut	3L:+:16306648-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA

JHU_Ag_35107	RQAVLCILAESCDEPQYK	AGAP011077-PA	C6(Carbamidomethyl), C12(Carbamidomethyl), Q16(Deamidated),"C6(Carbamidomethyl), C12(Carbamidomethyl)"	100	1.48E-09	1	2180.051	1.73	Ovary	3L:+:16306591-16306644	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_36194	KICGASCVVLK	AGAP011077-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	60	1.34E-05	2	1234.663	-1.06	Midgut	3L:+:16306762-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_42650	LITALCNEHQIPLIR	AGAP011077-PA	C6(Carbamidomethyl), N7(Deamidated),C6(Carbamidomethyl)	123	2.34E-12	1	1791.002	4.12	Malpighian tubule	3L:+:16306648-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_53207	ICGASCVVLK	AGAP011077-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	58	2.34E-05	1	1106.569	-0.41	Head	3L:+:16306765-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_56847	DFGEETPALDVIKEHLR	AGAP011077-PA	-	48	0.000192356	1	1969.005	1.22	Visceras	3L:+:16306905-16306955	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_57294	ICGASCVVLK	AGAP011077-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	53	7.97E-05	1	1106.569	-0.3	Ovary	3L:+:16306765-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_57944	SDVEVEAPSAPVDGSMDVNTALQEVLKK	AGAP011077-PA	N-Term(Acetyl)	43	0.000745969	1	2970.458	-1.04	Midgut	3L:+:16306294-16306307,16306461-16306530	exon=> In CDS Exon 1 and 2 of transcript AGAP011077-PA
JHU_Ag_60575	DFGEETPALDVIK	AGAP011077-PA	-	102	1.19E-09	1	1433.715	-0.73	Ovary	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_62272	KICGASCVVLK	AGAP011077-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	61	1.26E-05	2	1234.664	-0.27	Male reproductive organs	3L:+:16306762-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_65565	KLITALCNEHQIPLIR	AGAP011077-PA	C7(Carbamidomethyl)	95	8.99E-10	1	1919.090	0.18	Midgut	3L:+:16306645-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_65653	LGEWSGLCK	AGAP011077-PA	C8(Carbamidomethyl)	44	0.000697822	1	1049.508	-0.26	Head	3L:+:16306711-16306737	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_66742	SLIADGLVHGIHEACK	AGAP011077-PA	C15(Carbamidomethyl)	123	5.88E-12	1	1719.893	5.01	Malpighian tubule	3L:+:16306531-16306578	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_69136	LGEWSGLCK	AGAP011077-PA	C8(Carbamidomethyl)	54	6.83E-05	1	1049.511	2.42	Ovary	3L:+:16306711-16306737	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_71755	DFGEETPALDVIKEHLR	AGAP011077-PA	-	61	1.06E-05	1	1969.008	2.58	Ovary	3L:+:16306905-16306955	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_72095	DFGEETPALDVIK	AGAP011077-PA	-	118	3.47E-11	1	1433.713	-2.34	Head	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_75338	KLITALCNEHQIPLIR	AGAP011077-PA	C7(Carbamidomethyl)	105	1.07E-10	1	1919.085	-2.58	Male reproductive organs	3L:+:16306645-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_75673	LITALCNEHQIPLIR	AGAP011077-PA	C6(Carbamidomethyl)	107	9.72E-11	1	1790.996	0.57	Head	3L:+:16306648-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_78168	QAVLCILAESCDEPQYK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	106	4.07E-10	1	2023.947	0.44	Midgut	3L:+:16306594-16306644	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_78256	DFGEETPALDVIKEHLR	AGAP011077-PA	-	124	6.23E-12	1	1969.001	-0.82	Midgut	3L:+:16306905-16306955	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_80986	SDVEVEAPSAPVDGSMDVNTALQEVLKK	AGAP011077-PA	N-Term(Acetyl), M16(Oxidation)	57	2.57E-05	1	2986.465	3.04	Malpighian tubule	3L:+:16306294-16306307,16306461-16306530	exon=> In CDS Exon 1 and 2 of transcript AGAP011077-PA
JHU_Ag_81978	QAVLCILAESCDEPQYKK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	113	7.84E-11	1	2152.046	2	Ovary	3L:+:16306594-16306647	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_84289	QAVLCILAESCDEPQYKK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	115	5.28E-11	1	2152.041	-0.13	Head	3L:+:16306594-16306647	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_87619	SLIADGLVHGIHEACK	AGAP011077-PA	C15(Carbamidomethyl)	98	2.31E-09	2	1719.885	-0.1	Midgut	3L:+:16306531-16306578	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_91473	KICGASCVVLK	AGAP011077-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	62	9.00E-06	1	1234.668	2.44	Ovary	3L:+:16306762-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA

JHU_Ag_93208	DFGEETPALDVIK	AGAP011077-PA	-	89	2.91E-08	2	1433.722	4.13	Midgut	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_93727	SDVEVEAPSAPVDGSMDVNTALQEVLKK	AGAP011077-PA	N-Term(Acetyl), M16(Oxidation)	46	0.000287598	1	2986.466	3.2	Midgut	3L:+:16306294-16306307,16306461-16306530	exon=> In CDS Exon 1 and 2 of transcript AGAP011077-PA
JHU_Ag_94573	LGEWSGLCK	AGAP011077-PA	C8(Carbamidomethyl)	57	3.44E-05	1	1049.509	0.09	Male reproductive organs	3L:+:16306711-16306737	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_97688	ICGASCVVLK	AGAP011077-PA	C2(Carbamidomethyl), C6(Carbamidomethyl)	45	0.000495138	2	1106.569	-0.85	Male reproductive organs	3L:+:16306765-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_100891	SLIADGLVHGIHEACK	AGAP011077-PA	C15(Carbamidomethyl)	63	7.08E-06	1	1719.884	-0.22	Salivary gland	3L:+:16306531-16306578	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_101200	LGEWSGLCK	AGAP011077-PA	C8(Carbamidomethyl)	53	8.28E-05	2	1049.511	2.42	Malpighian tubule	3L:+:16306711-16306737	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_101710	SDVEVEAPSAPVDGSMDVNTALQEVLK	AGAP011077-PA	N-Term(Acetyl), M16(Oxidation)	161	1.35E-15	1	2858.355	-2.12	Ovary	3L:+:16306294-16306307,16306461-16306527	exon=> In CDS Exon 1 and 2 of transcript AGAP011077-PA
JHU_Ag_102386	QAVLCILAESCDEPQYKK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	99	1.87E-09	1	2152.043	0.64	Visceras	3L:+:16306594-16306647	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_102526	LITALCNEHQIPLIR	AGAP011077-PA	C6(Carbamidomethyl)	56	1.44E-05	1	1790.997	1.25	Salivary gland	3L:+:16306648-16306692	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_103766	DFGEETPALDVIK	AGAP011077-PA	-	79	2.92E-07	1	1433.717	0.64	Malpighian tubule	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_105666	DFGEETPALDVIK	AGAP011077-PA	-	77	4.41E-07	2	1433.720	3.02	Pupa	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_107160	QAVLCILAESCDEPQYK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	90	1.37E-08	2	2023.944	-1.01	Head	3L:+:16306594-16306644	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_107173	QAVLCILAESCDEPQYKK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	65	5.25E-06	1	2152.039	-0.9	Salivary gland	3L:+:16306594-16306647	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_107466	DFGEETPALDVIK	AGAP011077-PA	-	56	5.35E-05	2	1433.721	3.62	Larva	3L:+:16306905-16306943	exon=> In CDS Exon 3 of transcript AGAP011077-PA
JHU_Ag_109143	LITALCNEHQIPLIRVDSNK	AGAP011077-PA	C6(Carbamidomethyl)	59	6.99E-06	1	2334.267	2.85	Malpighian tubule	3L:+:16306648-16306707	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_109209	KICGASCVVLK	AGAP011077-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	60	1.29E-05	2	1234.669	3.88	Larva	3L:+:16306762-16306794	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_112014	LGEWSGLCK	AGAP011077-PA	C8(Carbamidomethyl)	57	3.64E-05	1	1049.509	0.28	Visceras	3L:+:16306711-16306737	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_114556	QAVLCILAESCDEPQYK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	77	3.06E-07	2	2023.949	1.11	Malpighian tubule	3L:+:16306594-16306644	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_114650	QAVLCILAESCDEPQYK	AGAP011077-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	109	2.08E-10	1	2023.951	2.25	Visceras	3L:+:16306594-16306644	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_114927	SLIADGLVHGIHEACK	AGAP011077-PA	C15(Carbamidomethyl)	124	4.66E-12	1	1719.893	5.08	Ovary	3L:+:16306531-16306578	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_117686	SLIADGLVHGIHEACK	AGAP011077-PA	C15(Carbamidomethyl)	105	4.23E-10	1	1719.891	3.73	Visceras	3L:+:16306531-16306578	exon=> In CDS Exon 2 of transcript AGAP011077-PA
JHU_Ag_38377	IGAAYNTDLLER	AGAP011078-PA	-	96	4.99E-09	2	1335.690	-0.28	Male reproductive organs	3L:-:16307452-16307417	exon=> In CDS Exon 1 of transcript AGAP011078-PA
JHU_Ag_77005	GPNLILFR	AGAP011079-PA	-	47	0.000143169	2	929.558	1.63	Malpighian tubule	3L:+:16312198-16312221	exon=> In CDS Exon 4 of transcript AGAP011079-PA
JHU_Ag_91204	TEHLGLVAFR	AGAP011079-PA	-	40	0.001072382	2	1142.633	0.89	Malpighian tubule	3L:+:16311058-16311087	exon=> In CDS Exon 2 of transcript AGAP011079-PA
JHU_Ag_95658	ELGGGVGAGGGIGGASMLPR	AGAP011079-PA	M17(Oxidation)	83	6.30E-08	2	1728.877	4.33	Malpighian tubule	3L:+:16311774-16311833	exon=> In CDS Exon 3 of transcript AGAP011079-PA
JHU_Ag_103571	ESLSPGYICR	AGAP011079-PA	C9(Carbamidomethyl)	51	0.000112372	2	1181.563	0.59	Malpighian tubule	3L:+:16311534-16311563	exon=> In CDS Exon 3 of transcript AGAP011079-PA
JHU_Ag_99807	FAGIILAQAGLVR	AGAP011080-PA	-	71	1.37E-07	2	1328.806	0.66	Salivary gland	3L:+:16319420-16319458	exon=> In CDS Exon 3 of transcript AGAP011080-PA

JHU_Ag_7479	FEHDLTDVGSK	AGAP011084-PA	-	48	0.000220868	2	1247.589	-0.73	Ovary	3L:-:16351345-16351313	exon=> In CDS Exon 3 of transcript AGAP011084-PA
JHU_Ag_10873	ILLGLLGVK	AGAP011084-PA	-	19	0.001884045	1	925.647	2.24	Salivary gland	3L:-:16352299-16352273	exon=> In CDS Exon 2 of transcript AGAP011084-PA
JHU_Ag_24829	TAAYMLPTIER	AGAP011084-PA	-	33	0.006720811	1	1265.663	5.82	Ovary	3L:-:16353195-16353163	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_33357	VLVLVPTRELGAQVYQVAK	AGAP011084-PA	-	43	3.06E-05	1	2083.240	6.08	Malpighian tubule	3L:-:16353123-16353067	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_34821	ILLGLLGVK	AGAP011084-PA	-	61	1.24E-07	1	925.647	2.83	Ovary	3L:-:16352299-16352273	exon=> In CDS Exon 2 of transcript AGAP011084-PA
JHU_Ag_54580	KNPDVVIATPGR	AGAP011084-PA	-	89	6.99E-09	2	1266.717	0.25	Ovary	3L:-:16352985-16352950	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_55797	TGELHGDLTQAQR	AGAP011084-PA	-	61	1.09E-05	1	1425.708	0.2	Ovary	3L:-:16352272-16352234	exon=> In CDS Exon 2 of transcript AGAP011084-PA
JHU_Ag_58892	LTDFDGGFQFVSSVK	AGAP011084-PA	-	102	1.07E-09	1	1646.808	1.3	Ovary	3L:-:16353747-16353703	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_64316	IFVNNNQTVAFNLR	AGAP011084-PA	-	105	3.53E-10	1	1649.877	0.68	Ovary	3L:-:16352473-16352432	exon=> In CDS Exon 2 of transcript AGAP011084-PA
JHU_Ag_70668	AGVSVSLAGEQER	AGAP011084-PA	-	73	9.88E-07	2	1302.665	0.24	Ovary	3L:-:16352062-16352024	exon=> In CDS Exon 2 of transcript AGAP011084-PA
JHU_Ag_78615	VLVLVPTR	AGAP011084-PA	-	25	0.002013323	2	896.595	2.33	Malpighian tubule	3L:-:16353123-16353100	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_84996	KNPDVVIATPGR	AGAP011084-PA	-	68	8.70E-07	2	1266.721	3.81	Malpighian tubule	3L:-:16352985-16352950	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_89246	VLVLVPTR	AGAP011084-PA	-	52	4.47E-06	2	896.592	-0.6	Ovary	3L:-:16353123-16353100	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_102870	ILLGLLGVK	AGAP011084-PA	-	34	5.37E-05	2	925.647	2.24	Salivary gland	3L:-:16352299-16352273	exon=> In CDS Exon 2 of transcript AGAP011084-PA
JHU_Ag_111087	LLYKPNVAQAVTR	AGAP011084-PA	-	46	8.84E-05	1	1472.861	2.05	Malpighian tubule	3L:-:16353162-16353124	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_116396	VLVLVPTR	AGAP011084-PA	-	40	7.01E-05	2	896.593	0.08	Salivary gland	3L:-:16353123-16353100	exon=> In CDS Exon 1 of transcript AGAP011084-PA
JHU_Ag_89488	NLRPLK	AGAP011085-PA	-	30	0.002330443	1	740.478	0.33	Head	3L:+:16360330-16360347	exon=> In CDS Exon 3 of transcript AGAP011085-PA
JHU_Ag_22733	ASDQQQLYLVQDETDGKWYR	AGAP011089-PA	-	80	1.46E-07	1	2443.167	5.89	Malpighian tubule	3L:-:16457995-16457936	exon=> In CDS Exon 3 of transcript AGAP011089-PA
JHU_Ag_39487	LDSLSLGLR	AGAP011089-PA	-	52	6.44E-05	2	973.568	0.52	Ovary	3L:-:16457839-16457813	exon=> In CDS Exon 3 of transcript AGAP011089-PA
JHU_Ag_57547	ASDQQQLYLVQDETDGKWYR	AGAP011089-PA	-	66	3.16E-06	1	2443.154	0.72	Ovary	3L:-:16457995-16457936	exon=> In CDS Exon 3 of transcript AGAP011089-PA
JHU_Ag_78690	VFSMASAILPLVK	AGAP011089-PA	-	58	4.90E-06	2	1375.803	0.85	Ovary	3L:-:16457695-16457657	exon=> In CDS Exon 3 of transcript AGAP011089-PA
JHU_Ag_114766	LITNLTQSDALEDQHR	AGAP011089-PA	-	62	9.07E-06	2	1853.940	2.42	Ovary	3L:-:16458061-16458014	exon=> In CDS Exon 3 of transcript AGAP011089-PA
JHU_Ag_117374	VFSMASAILPLVK	AGAP011089-PA	M4(Oxidation)	36	0.00076087	2	1391.805	5.73	Malpighian tubule	3L:-:16457695-16457657	exon=> In CDS Exon 3 of transcript AGAP011089-PA
JHU_Ag_691	KETSNVLSVLR	AGAP011090-PA	N5(Deamidated)	38	0.001724985	1	1246.684	-13.38	Midgut	3L:-:16462533-16462501	exon=> In CDS Exon 1 of transcript AGAP011090-PA
JHU_Ag_542	KEFAPYGTITSAK	AGAP011092-PA	-	83	5.17E-08	1	1412.746	2.73	Malpighian tubule	3L:-:16476066-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_1788	LFPLIELMYPNLAGK	AGAP011092-PA	M8(Oxidation)	101	4.70E-10	1	1734.958	4.52	Ovary	3L:-:16475083-16475039	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_1835	NFGEDLTEEALRDMFEK	AGAP011092-PA	M14(Oxidation)	48	0.000207923	1	2059.938	5.07	Malpighian tubule	3L:-:16476411-16476361	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_2025	NFGEDLTEEALRDMFEK	AGAP011092-PA	M14(Oxidation)	89	1.59E-08	1	2059.938	5.01	Ovary	3L:-:16476411-16476361	exon=> In CDS Exon 2 of transcript AGAP011092-PA

JHU_Ag_2294	VNGMLLNEK	AGAP011092-PA	M4(Oxidation)	46	0.000475846	2	1033.538	2.72	Salivary gland	3L:-:16476528-16476502	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_3079	LFPLIELMYPNLAGK	AGAP011092-PA	M8(Oxidation)	91	5.64E-09	1	1734.950	-0.06	Salivary gland	3L:-:16475083-16475039	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_3959	NAARPITGQQTAANMQTRPVAPQLAAGQAR	AGAP011092-PA	M15(Oxidation)	183	2.21E-18	1	3088.635	5.39	Malpighian tubule	3L:-:16475520-16475431	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_4225	KSHLASQYIQR	AGAP011092-PA	-	67	3.09E-06	1	1330.719	-2.52	Male reproductive organs	3L:-:16475877-16475845	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_4969	FYGPQVAPVR	AGAP011092-PA	-	53	6.67E-05	2	1133.613	2.5	Salivary gland	3L:-:16475757-16475728	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_5686	KEFAPYGTITSAK	AGAP011092-PA	-	57	2.20E-05	1	1412.743	0.47	Visceras	3L:-:16476066-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_6051	NLDDTIDDER	AGAP011092-PA	-	69	9.70E-07	1	1205.532	3.45	Malpighian tubule	3L:-:16476102-16476073	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_6103	ITGMLLEIDNSELLHMLEHK	AGAP011092-PA	M4(Oxidation), M16(Oxidation)	66	3.88E-06	1	2368.199	4.35	Ovary	3L:-:16475038-16474979	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_6790	NFGEDLTEEALR	AGAP011092-PA	-	67	3.38E-06	1	1393.664	3.33	Pupa	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_7131	SHLASQYIQR	AGAP011092-PA	-	67	3.32E-06	1	1202.622	-4.92	Head	3L:-:16475874-16475845	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_7626	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	49	0.000170966	2	1632.745	5.17	Head	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_8485	GQEPLTTSMLAAAQPAEQKQMLGER	AGAP011092-PA	M9(Oxidation), M21(Oxidation)	87	2.79E-08	1	2717.345	7.94	Malpighian tubule	3L:-:16475328-16476809,16474901-16475084	exon=> In CDS Exon 3 and 2 of transcript AGAP011092-PA
JHU_Ag_9354	SGVGNVFIK	AGAP011092-PA	-	56	2.97E-05	2	920.520	-0.37	Pupa	3L:-:16476717-16476691	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_9394	SLGYAYVNFQQPADAER	AGAP011092-PA	-	112	8.44E-11	1	1928.914	0.23	Midgut	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_9652	NPQVPQPVPIPAQPVAQQAVIVK	AGAP011092-PA	-	106	2.21E-11	1	2418.394	3.03	Salivary gland	3L:-:16475397-16475329	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_9843	FGPITSHR	AGAP011092-PA	-	54	3.12E-05	1	914.484	-0.75	Pupa	3L:-:16476360-16476337	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_11406	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	32	0.007324625	1	1632.738	0.83	Midgut	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_12520	ITGMLLEIDNSELLHMLEHK	AGAP011092-PA	M4(Oxidation), M16(Oxidation)	37	0.002629285	1	2368.181	-3.14	Male reproductive organs	3L:-:16475038-16474979	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_12722	EFAPYGTITSAK	AGAP011092-PA	-	47	0.000236842	2	1284.650	2.42	Head	3L:-:16476063-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_15058	FGPITSHR	AGAP011092-PA	-	41	0.000704949	2	914.487	3.13	Malpighian tubule	3L:-:16476360-16476337	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_15373	EFAPYGTITSAK	AGAP011092-PA	-	43	0.000536251	2	1284.647	-0.25	Midgut	3L:-:16476063-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_16160	RSLGYAYVNFQQPADAER	AGAP011092-PA	-	41	0.001363506	3	2085.016	0.3	Ovary	3L:-:16480003-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_16831	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	84	5.69E-08	1	2098.017	1.76	Salivary gland	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_17068	FGPITSHR	AGAP011092-PA	-	51	7.11E-05	2	914.485	0.92	Salivary gland	3L:-:16476360-16476337	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_17937	IVGSKPLYVALAQR	AGAP011092-PA	-	62	6.25E-07	2	1514.910	2.85	Head	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_18087	GYGFVHFETEESANTSIEK	AGAP011092-PA	-	105	4.08E-10	1	2144.979	1.06	Ovary	3L:-:16476585-16476529	exon=> In CDS Exon 2 of transcript AGAP011092-PA

JHU_Ag_18806	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	52	7.32E-05	1	1632.742	3.3	Visceras	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_21518	NLDDTIDDERLR	AGAP011092-PA	-	63	8.69E-06	1	1474.720	4.55	Malpighian tubule	3L:-:16476102-16476067	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_21971	SRGFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	121	1.37E-11	1	2341.156	4.07	Malpighian tubule	3L:-:16476315-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_23685	NFGEDLTEEALR	AGAP011092-PA	-	103	8.63E-10	1	1393.663	2.19	Visceras	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_24323	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	55	5.22E-05	1	2098.028	7.15	Larva	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_25331	IVGSKPLYVALAQR	AGAP011092-PA	-	96	2.62E-10	1	1514.913	5.03	Ovary	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_26044	NLDDTIDDERLR	AGAP011092-PA	-	62	1.19E-05	1	1474.718	3.31	Ovary	3L:-:16476102-16476067	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_26894	NPQVPQPVPIPAQPVAQQAVIVK	AGAP011092-PA	-	82	5.98E-09	1	2418.393	2.73	Head	3L:-:16475397-16475329	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_27065	SLGYAYVNFQQPADAER	AGAP011092-PA	-	95	4.53E-09	1	1928.915	0.74	Visceras	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_27299	LFTNVYVK	AGAP011092-PA	-	36	0.001571911	2	983.558	1.81	Ovary	3L:-:16476435-16476412	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_27970	FGPITSHR	AGAP011092-PA	-	48	0.000139804	2	914.484	-0.81	Visceras	3L:-:16476360-16476337	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_28357	AMYDTFSAFGNILSCK	AGAP011092-PA	M2(Oxidation), C15(Carbamidomethyl)	117	1.99E-11	1	1840.825	0.4	Male reproductive organs	3L:-:16476663-16476616	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_28732	SLGYAYVNFQQPADAER	AGAP011092-PA	-	115	4.06E-11	1	1928.912	-1.1	Male reproductive organs	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_29167	AMYDTFSAFGNILSCK	AGAP011092-PA	M2(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	131	8.27E-13	2	1840.824	-0.27	Midgut	3L:-:16476663-16476616	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_29340	IVGSKPLYVALAQR	AGAP011092-PA	-	35	0.000377045	2	1514.907	0.76	Visceras	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_29579	VMLDEGR	AGAP011092-PA	M2(Oxidation)	47	0.000402205	1	819.406	4.15	Malpighian tubule	3L:-:16476027-16476007	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_30417	AEEAVAVLQAHQK	AGAP011092-PA	-	97	2.08E-09	1	1393.747	2.88	Male reproductive organs	3L:-:16474960-16474922	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_30850	KEFAPYGTITSAK	AGAP011092-PA	-	39	0.001330454	1	1412.743	0.81	Ovary	3L:-:16476066-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_31944	LFPLIELMYPNLAGK	AGAP011092-PA	M8(Oxidation)	62	3.11E-06	2	1734.963	7.47	Malpighian tubule	3L:-:16475083-16475039	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_32265	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	87	2.93E-08	1	2098.017	2.03	Pupa	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_35072	SGVGNVFIK	AGAP011092-PA	-	66	2.41E-06	2	920.523	2.68	Malpighian tubule	3L:-:16476717-16476691	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_36456	ITGMLLEIDNSELLHMLEHK	AGAP011092-PA	M4(Oxidation), M16(Oxidation)	95	4.10E-09	1	2368.192	1.26	Head	3L:-:16475038-16474979	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_36515	FYGPQVAPVR	AGAP011092-PA	-	70	1.46E-06	2	1133.615	4.44	Malpighian tubule	3L:-:16475757-16475728	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_37423	SKGFGFVCFSAPDEATK	AGAP011092-PA	C8(Carbamidomethyl)	51	0.000128861	2	1847.860	-1.8	Male reproductive organs	3L:-:16476006-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_37930	SGVGNVFIK	AGAP011092-PA	-	73	4.66E-07	2	920.523	3.21	Ovary	3L:-:16476717-16476691	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_37951	NLDDTIDDERLR	AGAP011092-PA	-	45	0.000597653	1	1474.716	2.04	Salivary gland	3L:-:16476102-16476067	exon=> In CDS Exon 2 of transcript AGAP011092-PA

JHU_Ag_38372	LFPLIELMYPNLAGK	AGAP011092-PA	M8(Oxidation)	80	5.16E-08	1	1734.955	2.9	Visceras	3L:-:16475083-16475039	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_39014	GANQQAPNAQSAQANSAAMR	AGAP011092-PA	M19(Oxidation)	98	2.00E-09	1	2001.918	1.13	Salivary gland	3L:-:16475580-16475521	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_39234	KEFAPYGTITSAK	AGAP011092-PA	-	78	1.55E-07	2	1412.740	-1.17	Pupa	3L:-:16476066-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_40270	YHGVNLYVK	AGAP011092-PA	-	45	0.000392978	1	1092.586	1.78	Male reproductive organs	3L:-:16476129-16476103	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_41110	NFGEDLTEEALR	AGAP011092-PA	-	75	4.61E-07	2	1393.659	-0.61	Malpighian tubule	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_42817	KSGVGNVFIK	AGAP011092-PA	-	40	0.000612862	1	1048.618	3.28	Malpighian tubule	3L:-:16476720-16476691	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_42958	NFGEDLTEEALR	AGAP011092-PA	-	83	8.45E-08	1	1393.665	4.12	Male reproductive organs	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_43743	IVGSKPLYVALAQR	AGAP011092-PA	-	76	3.24E-08	1	1514.905	-0.53	Midgut	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_44215	IVGSKPLYVALAQRK	AGAP011092-PA	-	51	3.03E-06	1	1643.006	3.59	Malpighian tubule	3L:-:16475931-16475887	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_45069	AMYDTFSAFGNILSCK	AGAP011092-PA	M2(Oxidation), C15(Carbamidomethyl)	85	2.94E-08	2	1840.839	7.76	Head	3L:-:16476663-16476616	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_45491	LTRYHGVNLYVK	AGAP011092-PA	-	87	1.09E-08	1	1462.822	3.46	Malpighian tubule	3L:-:16476138-16476103	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_46781	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	78	2.12E-07	1	1632.741	3	Ovary	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_46801	LFTNVYVK	AGAP011092-PA	-	56	1.61E-05	1	983.560	3.48	Malpighian tubule	3L:-:16476435-16476412	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_48031	EFAPYGTITSAK	AGAP011092-PA	-	50	0.000126	2	1284.652	3.75	Salivary gland	3L:-:16476063-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_48365	AMYDTFSAFGNILSCK	AGAP011092-PA	M2(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	131	8.08E-13	1	1840.833	4.71	Salivary gland	3L:-:16476663-16476616	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_49310	ALDTMNFDPIKGRPIR	AGAP011092-PA	M5(Oxidation)	68	1.64E-06	1	1843.992	4.01	Malpighian tubule	3L:-:16476801-16476754	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_50800	ELSDGKVLYVGR	AGAP011092-PA	-	83	4.96E-08	2	1335.733	4.56	Malpighian tubule	3L:-:16476240-16476205	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_51531	LFPLIELMYPNLAGK	AGAP011092-PA	-	51	5.46E-05	1	1718.954	-0.67	Midgut	3L:-:16475083-16475039	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_51737	FSSAGPVLSIR	AGAP011092-PA	-	69	1.15E-06	1	1133.636	4.1	Ovary	3L:-:16480060-16480028	exon=> In CDS Exon 1 of transcript AGAP011092-PA
JHU_Ag_52515	FTQSMRNPQVPQPVPIPAQPVAQQAVIVK	AGAP011092-PA	M5(Oxidation)	61	1.24E-06	1	3184.744	4.44	Malpighian tubule	3L:-:16475415-16475329	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_52634	ITGMLLEIDNSELLHMLEHK	AGAP011092-PA	M4(Oxidation), M16(Oxidation),M4(Oxidation)	72	7.46E-07	1	2352.198	1.7	Salivary gland	3L:-:16475038-16474979	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_53397	FGPITSHRVMTK	AGAP011092-PA	M10(Oxidation)	44	0.000603917	1	1389.735	3.13	Malpighian tubule	3L:-:16476360-16476325	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_53481	KEFAPYGTITSAK	AGAP011092-PA	-	63	5.95E-06	1	1412.743	0.9	Salivary gland	3L:-:16476066-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_54803	ALDTMNFDPIK	AGAP011092-PA	M5(Oxidation)	85	5.17E-08	1	1264.623	-0.64	Midgut	3L:-:16476801-16476769	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_55451	LFTNVYVK	AGAP011092-PA	-	51	5.21E-05	2	983.555	-1.23	Male reproductive organs	3L:-:16476435-16476412	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_55614	AEEAVAVLQAHQK	AGAP011092-PA	-	108	1.77E-10	1	1393.750	4.37	Ovary	3L:-:16474960-16474922	exon=> In CDS Exon 3 of transcript AGAP011092-PA

JHU_Ag_57266	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	123	8.15E-12	1	2098.012	-0.65	Male reproductive organs	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_57755	LFTNVYVK	AGAP011092-PA	-	55	1.88E-05	1	983.559	2.74	Salivary gland	3L:-:16476435-16476412	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_58513	SGVGNVFIK	AGAP011092-PA	-	47	0.000234653	2	920.519	-1.17	Head	3L:-:16476717-16476691	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_59324	MQHIGQVYQQSGSYFMPTIAQPQR	AGAP011092-PA	M1(Oxidation), M16(Oxidation)	39	0.001897663	1	2827.334	1.68	Salivary gland	3L:-:16475829-16475758	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_61275	KSHLASQYIQR	AGAP011092-PA	-	63	7.15E-06	1	1330.725	1.61	Head	3L:-:16475877-16475845	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_61568	ALDTMNFDPIK	AGAP011092-PA	M5(Oxidation)	91	1.37E-08	1	1280.622	2	Salivary gland	3L:-:16476801-16476769	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_61856	QAGNVRGANQQAPNAQSAQANSAAMR	AGAP011092-PA	M25(Oxidation)	126	4.01E-12	1	2627.253	2.77	Malpighian tubule	3L:-:16475598-16475521	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_61885	SLGYAYVNFQQPADAER	AGAP011092-PA	-	115	4.52E-11	1	1928.924	5.17	Ovary	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_61990	AKLFTNVYVK	AGAP011092-PA	-	68	5.79E-07	1	1182.691	2.64	Malpighian tubule	3L:-:16476441-16476412	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_62185	NPQVPQPVPIPAQPVAQQAVIVK	AGAP011092-PA	-	56	1.99E-06	1	2418.406	7.96	Malpighian tubule	3L:-:16475397-16475329	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_62257	VNSLRMQHIGQVYQQSGSYFMPTIAQPQR	AGAP011092-PA	M6(Oxidation)	37	0.002089009	1	3380.686	6.92	Malpighian tubule	3L:-:16475844-16475758	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_62556	AEEAVAVLQAHQK	AGAP011092-PA	-	106	3.03E-10	1	1393.746	1.48	Head	3L:-:16474960-16474922	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_63497	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	92	9.27E-09	1	2098.014	0.4	Visceras	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_63783	KSHLASQYIQR	AGAP011092-PA	-	77	2.55E-07	1	1330.727	3.62	Malpighian tubule	3L:-:16475877-16475845	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_65789	NAARPITGQQTAANMQTRPVAPQLAAGQAR	AGAP011092-PA	M15(Oxidation)	99	7.48E-10	1	3104.617	1.26	Head	3L:-:16475520-16475431	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_67300	IVGSKPLYVALAQR	AGAP011092-PA	-	104	5.01E-11	1	1514.905	-0.13	Pupa	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_67703	NPQVPQPVPIPAQPVAQQAVIVK	AGAP011092-PA	-	90	9.45E-10	1	2418.395	3.26	Visceras	3L:-:16475397-16475329	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_68623	GQEPLTTSMLAAAQPAEQK	AGAP011092-PA	M9(Oxidation)	138	2.34E-13	1	1970.987	1.12	Salivary gland	3L:-:16475328-16476809,16474901-16475102	exon=> In CDS Exon 3 and 2 of transcript AGAP011092-PA
JHU_Ag_69498	IDNKAMYDTFSAFGNILSCK	AGAP011092-PA	M6(Oxidation), C19(Carbamidomethyl)	57	2.64E-05	1	2311.090	7.09	Malpighian tubule	3L:-:16476675-16476616	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_69746	SKGFGFVCFSAPDEATK	AGAP011092-PA	C8(Carbamidomethyl)	96	4.04E-09	1	1847.868	2.56	Malpighian tubule	3L:-:16476006-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_70407	GQEPLTTSMLAAAQPAEQK	AGAP011092-PA	M9(Oxidation)	148	2.39E-14	1	1986.986	2.93	Ovary	3L:-:16475328-16476809,16474901-16475102	exon=> In CDS Exon 3 and 2 of transcript AGAP011092-PA
JHU_Ag_71216	AEEAVAVLQAHQK	AGAP011092-PA	-	109	1.53E-10	1	1393.744	0.69	Salivary gland	3L:-:16474960-16474922	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_72452	SLGYAYVNFQQPADAER	AGAP011092-PA	-	113	7.15E-11	1	1928.914	0.23	Head	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_72729	SLGYAYVNFQQPADAER	AGAP011092-PA	-	112	8.58E-11	2	1928.915	0.55	Pupa	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_73110	RSLGYAYVNFQQPADAER	AGAP011092-PA	-	117	2.78E-11	1	2085.025	4.61	Malpighian tubule	3L:-:16480003-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA

JHU_Ag_73476	GQEPLTTSMLAAAQPAEQK	AGAP011092-PA	M9(Oxidation)	119	1.75E-11	1	1986.987	3.18	Malpighian tubule	3L:-:16475328-16476809,16474901-16475102	exon=> In CDS Exon 3 and 2 of transcript AGAP011092-PA
JHU_Ag_74879	FGPITSHR	AGAP011092-PA	-	55	2.46E-05	2	914.484	-0.61	Midgut	3L:-:16476360-16476337	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_74901	FGPITSHR	AGAP011092-PA	-	54	3.21E-05	2	914.487	3.26	Male reproductive organs	3L:-:16476360-16476337	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_74954	GANQQAPNAQSAQANSAAMR	AGAP011092-PA	M19(Oxidation)	144	5.08E-14	1	1985.925	2.39	Malpighian tubule	3L:-:16475580-16475521	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_76653	RSLGYAYVNFQQPADAER	AGAP011092-PA	-	54	5.63E-05	3	2085.022	3.29	Salivary gland	3L:-:16480003-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_76748	NLDDTIDDER	AGAP011092-PA	-	45	0.000249429	2	1205.531	2.14	Male reproductive organs	3L:-:16476102-16476073	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_77875	NFGEDLTEEALRDMFEK	AGAP011092-PA	M14(Oxidation)	82	7.45E-08	1	2059.929	0.81	Male reproductive organs	3L:-:16476411-16476361	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_78066	EFAPYGTITSAK	AGAP011092-PA	-	53	5.59E-05	2	1284.649	1.56	Ovary	3L:-:16476063-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_78503	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	81	1.21E-07	1	2098.021	3.77	Head	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_79919	IVGSKPLYVALAQR	AGAP011092-PA	-	95	3.18E-10	1	1514.914	5.35	Malpighian tubule	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_80384	NLDDTIDDER	AGAP011092-PA	-	62	5.00E-06	1	1205.533	4.16	Ovary	3L:-:16476102-16476073	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_80469	VMLDEGR	AGAP011092-PA	M2(Oxidation)	55	4.66E-05	2	835.399	1.16	Salivary gland	3L:-:16476027-16476007	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_81094	LFTNVYVK	AGAP011092-PA	-	34	0.002273912	1	983.557	0.52	Midgut	3L:-:16476435-16476412	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_81176	NPQVPQPVPIPAQPVAQQAVIVK	AGAP011092-PA	-	107	2.02E-11	1	2418.390	1.37	Ovary	3L:-:16475397-16475329	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_81292	EFAPYGTITSAK	AGAP011092-PA	-	37	0.002225194	1	1284.647	0.04	Male reproductive organs	3L:-:16476063-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_81403	YHGVNLYVK	AGAP011092-PA	-	37	0.002681405	1	1092.583	-0.34	Pupa	3L:-:16476129-16476103	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_81577	MQHIGQVYQQSGSYFMPTIAQPQR	AGAP011092-PA	M16(Oxidation),"M1(Oxidation), M16(Oxidation)",M1(Oxidation)	81	1.07E-07	1	2827.342	4.6	Malpighian tubule	3L:-:16475829-16475758	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_81654	NLDDTIDDER	AGAP011092-PA	-	58	1.06E-05	1	1205.529	1.02	Head	3L:-:16476102-16476073	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_81702	SGVGNVFIK	AGAP011092-PA	-	69	1.40E-06	1	920.520	-0.57	Male reproductive organs	3L:-:16476717-16476691	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_82194	GQEPLTTSMLAAAQPAEQK	AGAP011092-PA	M9(Oxidation)	127	3.30E-12	1	1986.983	1.21	Male reproductive organs	3L:-:16475328-16476809,16474901-16475102	exon=> In CDS Exon 3 and 2 of transcript AGAP011092-PA
JHU_Ag_83330	SLGYAYVNFQQPADAER	AGAP011092-PA	-	97	2.88E-09	1	1928.921	3.84	Malpighian tubule	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_83721	SGVGNVFIK	AGAP011092-PA	-	69	1.23E-06	2	920.523	2.81	Salivary gland	3L:-:16476717-16476691	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_83867	MQHIGQVYQQSGSYFMPTIAQPQR	AGAP011092-PA	M1(Oxidation), M16(Oxidation),M1(Oxidation)	115	4.53E-11	1	2827.343	4.98	Ovary	3L:-:16475829-16475758	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_85192	GFGFVCFSAPDEATKAVTEMNGR	AGAP011092-PA	C6(Carbamidomethyl)	49	0.000163384	1	2491.144	2.48	Malpighian tubule	3L:-:16476000-16475932	exon=> In CDS Exon 2 of transcript AGAP011092-PA

JHU_Ag_85968	NPQVPQPVPIPAQPVAQQAVIVK	AGAP011092-PA	-	75	3.04E-08	1	2418.389	0.99	Male reproductive organs	3L:-:16475397-16475329	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_86188	GQEPLTTSMLAAAQPAEQK	AGAP011092-PA	M9(Oxidation)	109	1.86E-10	1	1970.988	1.43	Head	3L:-:16475328-16476809,16474901-16475102	exon=> In CDS Exon 3 and 2 of transcript AGAP011092-PA
JHU_Ag_86856	FGPITSHR	AGAP011092-PA	-	43	0.000376841	2	914.487	2.86	Ovary	3L:-:16476360-16476337	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_87799	AMYDTFSAFGNILSCK	AGAP011092-PA	M2(Oxidation), C15(Carbamidomethyl)	111	7.29E-11	2	1840.828	1.72	Ovary	3L:-:16476663-16476616	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_88140	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	77	2.34E-07	1	1632.746	5.77	Malpighian tubule	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_89525	NFGEDLTEEALR	AGAP011092-PA	-	85	4.55E-08	2	1393.658	-0.7	Midgut	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_89754	FSSAGPVLSIR	AGAP011092-PA	-	59	1.21E-05	2	1133.632	0.22	Malpighian tubule	3L:-:16480060-16480028	exon=> In CDS Exon 1 of transcript AGAP011092-PA
JHU_Ag_90486	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	130	1.57E-12	1	2098.023	4.71	Malpighian tubule	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_91855	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	-	87	2.78E-08	1	2098.021	3.68	Ovary	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_92378	IVGSKPLYVALAQR	AGAP011092-PA	-	101	8.50E-11	1	1514.907	0.92	Male reproductive organs	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_93120	FSSAGPVLSIR	AGAP011092-PA	-	77	1.82E-07	2	1133.631	-0.43	Male reproductive organs	3L:-:16480060-16480028	exon=> In CDS Exon 1 of transcript AGAP011092-PA
JHU_Ag_93356	KEFAPYGTITSAK	AGAP011092-PA	-	37	0.001977499	2	1412.751	6.26	Head	3L:-:16476066-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_95088	VLYVGR	AGAP011092-PA	-	34	0.001056384	2	706.424	-0.94	Pupa	3L:-:16476222-16476205	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_95787	AMYDTFSAFGNILSCK	AGAP011092-PA	C15(Carbamidomethyl),"M2(Oxidation), C15(Carbamidomethyl)"	113	5.83E-11	2	1824.844	8.05	Malpighian tubule	3L:-:16476663-16476616	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_95832	IVGSKPLYVALAQR	AGAP011092-PA	-	35	0.000353337	1	1514.912	4.14	Larva	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_96237	NLDDTIDDERLR	AGAP011092-PA	-	50	0.000186087	1	1474.712	-0.99	Male reproductive organs	3L:-:16476102-16476067	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_97726	LFPLIELMYPNLAGK	AGAP011092-PA	M8(Oxidation)	48	0.000102226	2	1734.950	-0.2	Head	3L:-:16475083-16475039	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_98620	NFGEDLTEEALR	AGAP011092-PA	-	62	9.63E-06	1	1393.663	2.28	Head	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_99930	NFGEDLTEEALRDMFEK	AGAP011092-PA	M14(Oxidation)	95	3.52E-09	1	2059.928	-0.14	Midgut	3L:-:16476411-16476361	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_100739	YHGVNLYVK	AGAP011092-PA	-	37	0.002933341	1	1092.584	0.33	Salivary gland	3L:-:16476129-16476103	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_100923	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	69	1.62E-06	1	1632.737	0.54	Male reproductive organs	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_102021	ALDTMNFDPIK	AGAP011092-PA	M5(Oxidation)	72	1.12E-06	1	1280.626	5.34	Malpighian tubule	3L:-:16476801-16476769	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_102418	IVGSKPLYVALAQR	AGAP011092-PA	-	86	2.60E-09	1	1514.910	3.18	Salivary gland	3L:-:16475931-16475890	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_103171	EFAPYGTITSAK	AGAP011092-PA	-	54	4.41E-05	2	1284.647	0.13	Malpighian tubule	3L:-:16476063-16476028	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_103444	GYGFVHFETEESANTSIEK	AGAP011092-PA	-	93	7.10E-09	1	2144.982	2.26	Salivary gland	3L:-:16476585-16476529	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_103610	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	55	3.77E-05	1	1632.743	3.97	Salivary gland	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA

JHU_Ag_104369	SHLASQYIQR	AGAP011092-PA	-	39	0.001769472	1	1202.632	3.67	Ovary	3L:-:16475874-16475845	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_104766	WSANAQMRPNAGNQNVAANAPAGGYPAMTAAHVANNQYR	AGAP011092-PA	M7(Oxidation), M28(Oxidation),M7(Oxidation)	68	1.83E-06	1	4086.901	5.18	Malpighian tubule	3L:-:16475715-16475599	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_105673	ALDTMNFDPIK	AGAP011092-PA	M5(Oxidation)	68	2.91E-06	1	1280.619	-0.48	Ovary	3L:-:16476801-16476769	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_106876	YHGVNLYVK	AGAP011092-PA	-	39	0.001695753	1	1092.584	0.29	Head	3L:-:16476129-16476103	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_106930	NFGEDLTEEALR	AGAP011092-PA	-	79	2.19E-07	2	1393.663	2.37	Salivary gland	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_107785	GFGFVCFSAPDEATK	AGAP011092-PA	C6(Carbamidomethyl)	43	0.00059674	1	1632.738	0.91	Pupa	3L:-:16476000-16475956	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_107835	GANQQAPNAQSAQANSAAMR	AGAP011092-PA	M19(Oxidation)	114	4.98E-11	1	2001.924	4.24	Ovary	3L:-:16475580-16475521	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_108417	SHLASQYIQR	AGAP011092-PA	-	83	8.16E-08	1	1202.631	2.69	Malpighian tubule	3L:-:16475874-16475845	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_109091	NLDDTIDDER	AGAP011092-PA	-	56	1.46E-05	1	1205.528	-0.19	Pupa	3L:-:16476102-16476073	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_109877	ALDTMNFDPIK	AGAP011092-PA	M5(Oxidation)	72	1.21E-06	1	1280.620	0.29	Male reproductive organs	3L:-:16476801-16476769	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_109973	YHGVNLYVK	AGAP011092-PA	-	57	2.43E-05	1	1092.586	2.56	Malpighian tubule	3L:-:16476129-16476103	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_109988	KIDNK	AGAP011092-PA	N4(Deamidated)	39	0.002442084	1	618.344	-2.44	Head	3L:-:16476678-16476664	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_110298	NFGEDLTEEALR	AGAP011092-PA	-	67	3.07E-06	2	1393.661	0.96	Ovary	3L:-:16476411-16476376	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_111809	AEEAVAVLQAHQK	AGAP011092-PA	-	104	4.41E-10	1	1393.749	4.19	Malpighian tubule	3L:-:16474960-16474922	exon=> In CDS Exon 3 of transcript AGAP011092-PA
JHU_Ag_113127	GFGFVAFEKPEDAEEAVQK	AGAP011092-PA	Q18(Deamidated)	115	4.52E-11	1	2098.017	1.8	Midgut	3L:-:16476309-16476253	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_113150	SLGYAYVNFQQPADAER	AGAP011092-PA	-	128	2.17E-12	1	1928.915	0.49	Salivary gland	3L:-:16480000-16480123,16475328-16476802	exon=> In CDS Exon 2 and 1 of transcript AGAP011092-PA
JHU_Ag_113282	VLYVGR	AGAP011092-PA	-	33	0.002513582	2	706.423	-1.72	Visceras	3L:-:16476222-16476205	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_114745	SHLASQYIQR	AGAP011092-PA	-	48	0.000276476	2	1202.625	-2.18	Salivary gland	3L:-:16475874-16475845	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_115798	FSSAGPVLSIR	AGAP011092-PA	-	73	3.85E-07	1	1133.635	3.13	Salivary gland	3L:-:16480060-16480028	exon=> In CDS Exon 1 of transcript AGAP011092-PA
JHU_Ag_117594	FSSAGPVLSIR	AGAP011092-PA	-	49	0.000104234	2	1133.633	1.62	Midgut	3L:-:16480060-16480028	exon=> In CDS Exon 1 of transcript AGAP011092-PA
JHU_Ag_117658	TPNYKFTQSMR	AGAP011092-PA	M10(Oxidation)	64	6.48E-06	1	1388.667	3.12	Malpighian tubule	3L:-:16475430-16475398	exon=> In CDS Exon 2 of transcript AGAP011092-PA
JHU_Ag_33263	TLLKEK	AGAP011096-PA	-	32	0.003320789	1	731.467	0.46	Ovary	3L:+:16749452-16749469	exon=> In CDS Exon 2 of transcript AGAP011096-PA
JHU_Ag_12006	QLLLAK	AGAP011097-PA	-	33	0.000933329	1	685.460	-1.02	Midgut	3L:-:16813058-16813041	exon=> In CDS Exon 2 of transcript AGAP011097-PA
JHU_Ag_32489	DDDGASGLQGDSK	AGAP011097-PA	-	98	5.11E-10	1	1264.532	2.71	Head	3L:-:16798712-16798674	exon=> In CDS Exon 11 of transcript AGAP011097-PA
JHU_Ag_10753	VCLAYDVLR	AGAP011098-PA	C2(Carbamidomethyl)	47	0.000248246	2	1108.582	-0.36	Midgut	3L:+:16825658-16825684	exon=> In CDS Exon 1 of transcript AGAP011098-PA
JHU_Ag_12817	SGHNFLIGDGLVSFALDR	AGAP011098-PA	-	128	2.52E-12	1	1917.981	-0.62	Midgut	3L:+:16825316-16825369	exon=> In CDS Exon 1 of transcript AGAP011098-PA
JHU_Ag_39217	VVEPVLIVHGGAGTVSEDRIPGK	AGAP011098-PA	-	62	2.78E-06	1	2329.285	-1.18	Midgut	3L:+:16824983-16825051	exon=> In CDS Exon 1 of transcript AGAP011098-PA

JHU_Ag_84194	DLLHPISLAR	AGAP011098-PA	-	40	0.000451537	1	1134.663	-0.12	Midgut	3L:+:16825271-16825300	exon=> In CDS Exon 1 of transcript AGAP011098-PA
JHU_Ag_106396	ALQPVADELLDAMSAALGGTAGLVALDR	AGAP011098-PA	-	73	3.58E-07	3	2738.438	-0.4	Midgut	3L:+:16825706-16825789	exon=> In CDS Exon 1 of transcript AGAP011098-PA
JHU_Ag_3920	VVYQADGFLEK	AGAP011099-PA	-	58	1.91E-05	2	1268.653	0.55	Head	3L:-:16877716-16877684	exon=> In CDS Exon 8 of transcript AGAP011099-PA
JHU_Ag_4065	AYNGLSQHVDFSR	AGAP011099-PA	N-Term(Acetyl), N3(Deamidated)	81	1.16E-07	1	1536.717	5.73	Head	3L:-:16888794-16888756	exon=> In CDS Exon 1 of transcript AGAP011099-PA
JHU_Ag_21677	SVGPYVDQIR	AGAP011099-PA	-	34	0.005878435	2	1133.600	4.65	Head	3L:-:16879584-16879555	exon=> In CDS Exon 3 of transcript AGAP011099-PA
JHU_Ag_43576	AQQTVATYFR	AGAP011099-PA	-	52	5.85E-05	2	1184.607	1.24	Head	3L:-:16877473-16877444	exon=> In CDS Exon 8 of transcript AGAP011099-PA
JHU_Ag_43954	TGNLYSAIQDTGSR	AGAP011099-PA	-	88	2.26E-08	2	1482.726	5.07	Head	3L:-:16877590-16877549	exon=> In CDS Exon 8 of transcript AGAP011099-PA
JHU_Ag_49986	HPNIPDFAGLFLK	AGAP011099-PA	-	49	0.000106047	1	1468.799	2.62	Head	3L:-:16884736-16884698	exon=> In CDS Exon 2 of transcript AGAP011099-PA
JHU_Ag_52118	IFVYLLEQSR	AGAP011099-PA	-	58	9.86E-06	2	1267.705	0.56	Head	3L:-:16878933-16878904	exon=> In CDS Exon 4 of transcript AGAP011099-PA
JHU_Ag_53205	AYNGLSQHVDFSR	AGAP011099-PA	N-Term(Acetyl)	115	4.43E-11	1	1535.731	4.63	Head	3L:-:16888794-16888756	exon=> In CDS Exon 1 of transcript AGAP011099-PA
JHU_Ag_53527	GHNILLTETGHVK	AGAP011099-PA	-	93	5.21E-09	1	1418.771	-3.02	Head	3L:-:16879992-16879954	exon=> In CDS Exon 3 of transcript AGAP011099-PA
JHU_Ag_54462	YLQETATLPK	AGAP011099-PA	-	71	8.14E-07	2	1163.635	3.53	Head	3L:-:16878780-16878751	exon=> In CDS Exon 4 of transcript AGAP011099-PA
JHU_Ag_57202	NFLPAEIIQLIR	AGAP011099-PA	-	42	0.000214933	2	1426.845	1.96	Head	3L:-:16877677-16877642	exon=> In CDS Exon 8 of transcript AGAP011099-PA
JHU_Ag_64340	LLGVDSADLLEALSSNSVVTR	AGAP011099-PA	-	30	0.008647084	3	2159.165	4.23	Head	3L:-:16878549-16878487	exon=> In CDS Exon 4 of transcript AGAP011099-PA
JHU_Ag_78620	YSLMDLLQK	AGAP011099-PA	-	45	0.000382894	2	1110.587	0.94	Head	3L:-:16877443-16877417	exon=> In CDS Exon 8 of transcript AGAP011099-PA
JHU_Ag_89871	LSNNQIAYILR	AGAP011099-PA	-	53	4.50E-05	1	1304.738	4.36	Head	3L:-:16880085-16880053	exon=> In CDS Exon 3 of transcript AGAP011099-PA
JHU_Ag_90264	RPPGFVLVPGLLGTVPGGDCAK	AGAP011099-PA	C20(Carbamidomethyl)	51	4.51E-05	1	2207.207	2.85	Head	3L:-:16876031-16875966	exon=> In CDS Exon 13 of transcript AGAP011099-PA
JHU_Ag_90371	DAMAAAVGAASAAAAAGR	AGAP011099-PA	M3(Oxidation)	125	4.98E-12	2	1518.733	0.11	Head	3L:-:16876262-16876209	exon=> In CDS Exon 13 of transcript AGAP011099-PA
JHU_Ag_91369	YYHVEYLSK	AGAP011099-PA	-	43	0.000541298	3	1201.582	-5.28	Head	3L:-:16877048-16877022	exon=> In CDS Exon 11 of transcript AGAP011099-PA
JHU_Ag_6021	TICEPCVIYKR	AGAP011100-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	77	2.94E-07	1	1438.722	2.47	Male reproductive organs	3L:+:16937565-16937597	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_12351	EICTTLVCQPKPQVVQVPPAR	AGAP011100-PA	C3(Carbamidomethyl), C8(Carbamidomethyl)	111	7.19E-11	1	2420.278	-0.55	Male reproductive organs	3L:+:16937691-16937753	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_19678	VIVEPK	AGAP011100-PA	-	34	0.000807299	1	684.429	-0.29	Male reproductive organs	3L:+:16937673-16937690	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_28233	IVPDPK	AGAP011100-PA	-	38	0.000238415	1	668.398	0.42	Male reproductive organs	3L:+:16937637-16937654	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_30185	HVVPQTR	AGAP011100-PA	-	31	0.003708622	1	836.475	1.53	Male reproductive organs	3L:+:16937508-16937528	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_52724	TICEPCVIYK	AGAP011100-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	68	2.65E-06	1	1282.617	0.34	Male reproductive organs	3L:+:16937565-16937594	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_64405	AIVEPK	AGAP011100-PA	-	41	0.000325136	1	656.398	0.98	Male reproductive organs	3L:+:16937529-16937546	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_103405	FITVQQPPR	AGAP011100-PA	-	71	5.08E-07	1	1085.612	2.05	Male reproductive organs	3L:+:16937430-16937456	exon=> In CDS Exon 1 of transcript AGAP011100-PA

JHU_Ag_109367	TAHDLNCMPQCPTICPPQR	AGAP011100-PA	C7(Carbamidomethyl), M8(Oxidation), C11(Carbamidomethyl), C15(Carbamidomethyl)	68	9.28E-07	1	2312.008	1.77	Male reproductive organs	3L:+:16937361-16937417	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_113999	KVINTSR	AGAP011100-PA	-	42	0.000585 49	2	817.489	-0.3	Male reproductive organs	3L:+:16937472-16937492	exon=> In CDS Exon 1 of transcript AGAP011100-PA
JHU_Ag_24807	VSCSLENIWGSR	AGAP011104-PA	C3(Carbamidomethyl)	70	1.41E-06	2	1407.669	0.2	Head	3L:+:16990971-16991006	exon=> In CDS Exon 2 of transcript AGAP011104-PA
JHU_Ag_37058	STTVGDLCISCPPER	AGAP011104-PA	C8(Carbamidomethyl), C11(Carbamidomethyl)	42	0.000803 005	2	1691.775	1.05	Malpighian tubule	3L:+:16990647-16990691	exon=> In CDS Exon 2 of transcript AGAP011104-PA
JHU_Ag_46563	ELYELETLFGPR	AGAP011104-PA	-	69	1.76E-06	1	1466.760	5.06	Malpighian tubule	3L:+:16990776-16990811	exon=> In CDS Exon 2 of transcript AGAP011104-PA
JHU_Ag_59163	ELYELETLFGPR	AGAP011104-PA	-	64	5.66E-06	2	1466.759	4.06	Salivary gland	3L:+:16990776-16990811	exon=> In CDS Exon 2 of transcript AGAP011104-PA
JHU_Ag_91479	ELYELETLFGPR	AGAP011104-PA	-	50	0.000152 012	2	1466.753	0.4	Midgut	3L:+:16990776-16990811	exon=> In CDS Exon 2 of transcript AGAP011104-PA
JHU_Ag_280	ELETQQGQGINVSLNR	AGAP011105-PA	-	84	6.90E-08	2	1785.914	2.7	Male reproductive organs	3L:-:16995384-16995337	exon=> In CDS Exon 5 of transcript AGAP011105-PA
JHU_Ag_405	VCVLDIEIEGVK	AGAP011105-PA	C2(Carbamidomethyl)	39	0.001963 924	2	1373.735	-0.01	Salivary gland	3L:-:16995743-16995708	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_3578	LNPLLVFVNPPSIEELER	AGAP011105-PA	-	46	9.91E-05	1	2079.150	0.66	Male reproductive organs	3L:-:16995686-16995633	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_6769	KAVENVQHQGK	AGAP011105-PA	-	42	0.000714 808	2	1237.668	2.2	Visceras	3L:-:16995776-16995744	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_14972	KAVENVQHQGK	AGAP011105-PA	-	48	0.000180 461	2	1237.665	0.03	Male reproductive organs	3L:-:16995776-16995744	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_35438	ELETQQGQGINVSLNR	AGAP011105-PA	Q6(Deamidated)	44	0.000750 931	2	1786.882	-6.25	Visceras	3L:-:16995384-16995337	exon=> In CDS Exon 5 of transcript AGAP011105-PA
JHU_Ag_42975	ELETQQGQGINVSLNR	AGAP011105-PA	-	42	0.001109 892	2	1785.910	0.31	Ovary	3L:-:16995384-16995337	exon=> In CDS Exon 5 of transcript AGAP011105-PA
JHU_Ag_57775	AVENVQHQGK	AGAP011105-PA	-	56	2.93E-05	1	1109.566	-3.38	Head	3L:-:16995773-16995744	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_59319	QGPRPLVICGPSGSGK	AGAP011105-PA	C9(Carbamidomethyl)	64	5.43E-06	1	1609.847	-0.47	Head	3L:-:16996170-16996123	exon=> In CDS Exon 2 of transcript AGAP011105-PA
JHU_Ag_64314	EFPDTFGFSVSHTTR	AGAP011105-PA	-	76	3.31E-07	2	1727.800	-1.36	Head	3L:-:16996095-16996202,16995863-16995991	exon=> In CDS Exon 3 and 2 of transcript AGAP011105-PA
JHU_Ag_70921	LNPLLVFVNPPSIEELER	AGAP011105-PA	-	59	6.08E-06	1	2079.140	-3.92	Ovary	3L:-:16995686-16995633	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_91112	LNPLLVFVNPPSIEELER	AGAP011105-PA	-	45	0.000124 582	1	2079.152	1.72	Visceras	3L:-:16995686-16995633	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_94586	LNPLLVFVNPPSIEELER	AGAP011105-PA	-	57	7.87E-06	1	2079.150	0.55	Head	3L:-:16995686-16995633	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_102050	AVENVQHQGK	AGAP011105-PA	-	44	0.000573 431	2	1109.571	1.24	Visceras	3L:-:16995773-16995744	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_102053	ELETQQGQGINVSLNR	AGAP011105-PA	-	121	1.25E-11	2	1785.912	1.81	Head	3L:-:16995384-16995337	exon=> In CDS Exon 5 of transcript AGAP011105-PA
JHU_Ag_106062	AVENVQHQGK	AGAP011105-PA	-	67	2.71E-06	1	1109.570	0.47	Male reproductive organs	3L:-:16995773-16995744	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_112342	NSDRLNPLLVFVNPPSIEELER	AGAP011105-PA	-	32	0.003372 899	1	2551.368	6.34	Head	3L:-:16995698-16995633	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_113064	VCVLDIEIEGVK	AGAP011105-PA	C2(Carbamidomethyl)	63	8.21E-06	2	1373.737	2.04	Head	3L:-:16995743-16995708	exon=> In CDS Exon 4 of transcript AGAP011105-PA
JHU_Ag_15409	EIVPQWADLLPSAK	AGAP011106-PA	-	55	2.49E-05	1	1566.854	0.86	Male reproductive organs	3L:+:16999917-16999958	exon=> In CDS Exon 1 of transcript AGAP011106-PA

JHU_Ag_60890	GALGQPVWELPPEHGFDLQDPELR	AGAP011106-PA	-	93	7.09E-09	1	2700.347	2.05	Male reproductive organs	3L:+:17000004-17000075	exon=> In CDS Exon 1 of transcript AGAP011106-PA
JHU_Ag_284	VFIGGNFVGGGTDIKK	AGAP011107-PA	-	83	4.38E-08	1	1608.878	1.93	Visceras	3L:-:17002518-17002471	exon=> In CDS Exon 3 of transcript AGAP011107-PA
JHU_Ag_5520	VFIGGNFVGGGTDIK	AGAP011107-PA	-	114	4.74E-11	1	1480.782	1.85	Ovary	3L:-:17002518-17002474	exon=> In CDS Exon 3 of transcript AGAP011107-PA
JHU_Ag_8277	VFIGGNFVGGGTDIKK	AGAP011107-PA	-	82	5.25E-08	1	1608.880	3.44	Malpighian tubule	3L:-:17002518-17002471	exon=> In CDS Exon 3 of transcript AGAP011107-PA
JHU_Ag_12781	KLNQEYACYELDK	AGAP011107-PA	C8(Carbamidomethyl)	81	1.03E-07	1	1673.787	1.52	Midgut	3L:-:17002744-17002706	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_16710	LNQEYACYELDKR	AGAP011107-PA	C7(Carbamidomethyl)	46	0.000288687	1	1701.791	0.5	Ovary	3L:-:17002741-17002703	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_27834	VVIFSK	AGAP011107-PA	-	28	0.00121456	1	692.433	-1.98	Midgut	3L:-:17002919-17002902	exon=> In CDS Exon 1 of transcript AGAP011107-PA
JHU_Ag_36724	NDGDEIQSVLGELTGAR	AGAP011107-PA	-	106	4.41E-10	2	1773.862	0.38	Salivary gland	3L:-:17002702-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_37639	RNDGDEIQSVLGELTGAR	AGAP011107-PA	-	60	1.44E-05	1	1929.970	3.79	Head	3L:-:17002705-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_37722	NDGDEIQSVLGELTGAR	AGAP011107-PA	-	117	3.45E-11	2	1773.870	4.57	Head	3L:-:17002702-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_47404	RNDGDEIQSVLGELTGAR	AGAP011107-PA	Q8(Deamidated),N2(Deamidated)	76	3.42E-07	1	1929.969	3.48	Ovary	3L:-:17002705-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_57031	RNDGDEIQSVLGELTGAR	AGAP011107-PA	-	57	2.98E-05	1	1929.968	2.94	Malpighian tubule	3L:-:17002705-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_58362	VFIGGNFVGGGTDIK	AGAP011107-PA	-	73	5.68E-07	2	1480.782	1.6	Visceras	3L:-:17002518-17002474	exon=> In CDS Exon 3 of transcript AGAP011107-PA
JHU_Ag_64971	DKVVIFSK	AGAP011107-PA	-	54	1.53E-05	1	935.555	-0.86	Ovary	3L:-:17002925-17002902	exon=> In CDS Exon 1 of transcript AGAP011107-PA
JHU_Ag_66068	LNQEYACYELDKR	AGAP011107-PA	C7(Carbamidomethyl)	61	8.21E-06	2	1701.786	-2.4	Midgut	3L:-:17002741-17002703	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_72929	VFIGGNFVGGGTDIK	AGAP011107-PA	-	109	1.45E-10	1	1480.780	0.03	Head	3L:-:17002518-17002474	exon=> In CDS Exon 3 of transcript AGAP011107-PA
JHU_Ag_81197	LNQEYACYELDK	AGAP011107-PA	C7(Carbamidomethyl)	73	4.06E-07	2	1545.695	4.1	Midgut	3L:-:17002741-17002706	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_83029	NDGDEIQSVLGELTGAR	AGAP011107-PA	-	127	2.94E-12	1	1773.856	-3.27	Midgut	3L:-:17002702-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_85891	LNQEYACYELDK	AGAP011107-PA	C7(Carbamidomethyl)	55	2.23E-05	2	1545.690	0.78	Head	3L:-:17002741-17002706	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_86764	VFIGGNFVGGGTDIKK	AGAP011107-PA	-	73	4.05E-07	1	1608.874	-0.43	Midgut	3L:-:17002518-17002471	exon=> In CDS Exon 3 of transcript AGAP011107-PA
JHU_Ag_91348	NDGDEIQSVLGELTGAR	AGAP011107-PA	-	118	2.89E-11	2	1773.869	4.09	Malpighian tubule	3L:-:17002702-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_96587	TYCPYCTMAK	AGAP011107-PA	C3(Carbamidomethyl), C6(Carbamidomethyl), M8(Oxidation)	51	1.41E-05	1	1310.524	2.32	Ovary	3L:-:17002901-17002872	exon=> In CDS Exon 1 of transcript AGAP011107-PA
JHU_Ag_97931	LNQEYACYELDK	AGAP011107-PA	C7(Carbamidomethyl)	92	4.54E-09	1	1545.690	0.62	Ovary	3L:-:17002741-17002706	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_100895	NDGDEIQSVLGELTGAR	AGAP011107-PA	-	127	3.10E-12	1	1773.870	4.78	Visceras	3L:-:17002702-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_104223	NDGDEIQSVLGELTGAR	AGAP011107-PA	-	69	1.88E-06	2	1773.868	3.95	Larva	3L:-:17002702-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_106081	RNDGDEIQSVLGELTGAR	AGAP011107-PA	Q8(Deamidated)	93	8.08E-09	2	1929.968	2.66	Midgut	3L:-:17002705-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_106730	NDGDEIQSVLGELTGAR	AGAP011107-PA	-	128	2.49E-12	1	1773.868	3.54	Ovary	3L:-:17002702-17002652	exon=> In CDS Exon 2 of transcript AGAP011107-PA

JHU_Ag_112832	LNQEYACYELDKR	AGAP011107-PA	C7(Carbamidomethyl)	37	0.002220376	1	1701.793	1.89	Visceras	3L:-:17002741-17002703	exon=> In CDS Exon 2 of transcript AGAP011107-PA
JHU_Ag_115578	VFIGGNFVGGGTDIK	AGAP011107-PA	-	68	1.60E-06	1	1480.784	2.92	Midgut	3L:-:17002518-17002474	exon=> In CDS Exon 3 of transcript AGAP011107-PA
JHU_Ag_48541	ALLEDAIANAELAER	AGAP011115-PA	-	54	3.76E-05	2	1598.844	3.22	Malpighian tubule	3L:+:17226675-17226719	exon=> In CDS Exon 4 of transcript AGAP011115-PA
JHU_Ag_1971	FSMLQELNVAR	AGAP011117-PA	-	72	1.12E-06	1	1307.679	0.62	Head	3L:-:17279189-17279157	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_19417	LSTLLLHDNLLSVLDASEWR	AGAP011117-PA	-	77	1.40E-07	1	2295.230	-2.03	Midgut	3L:-:17279249-17279190	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_34609	LQTISTDGSLHLPR	AGAP011117-PA	-	33	0.003553 78	1	1537.835	1	Visceras	3L:-:17279291-17279250	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_35993	YLSMCEVNHSFPHLQTLYLDENR	AGAP011117-PA	M4(Oxidation), C5(Carbamidomethyl)	128	1.94E-12	1	2882.319	-1.76	Head	3L:-:17279144-17279076	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_43764	LQTISTDGSLHLPR	AGAP011117-PA	-	124	2.85E-12	1	1537.837	2.43	Head	3L:-:17279291-17279250	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_64255	FQSIEFVQALPALR	AGAP011117-PA	-	56	1.52E-05	2	1618.897	1.03	Visceras	3L:-:17279429-17279388	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_67163	FQSIEFVQALPALR	AGAP011117-PA	-	97	1.23E-09	1	1618.896	0.35	Head	3L:-:17279429-17279388	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_113808	LQTISTDGSLHLPR	AGAP011117-PA	-	32	0.005097274	1	1537.831	-1.39	Pupa	3L:-:17279291-17279250	exon=> In CDS Exon 1 of transcript AGAP011117-PA
JHU_Ag_112977	NLLDVVDSIR	AGAP011118-PA	-	36	0.003593199	2	1143.635	-1.59	Ovary	3L:+:17317204-17317233	exon=> In CDS Exon 14 of transcript AGAP011118-PA
JHU_Ag_33743	NAVPIVYQSK	AGAP011119-PA	-	48	0.000169205	1	1118.618	-2.06	Head	3L:+:17326473-17326502	exon=> In CDS Exon 4 of transcript AGAP011119-PA
JHU_Ag_65065	IDCFDHAIVHK	AGAP011119-PA	C3(Carbamidomethyl)	73	6.91E-07	1	1354.658	0.26	Head	3L:+:17326419-17326451	exon=> In CDS Exon 4 of transcript AGAP011119-PA
JHU_Ag_14513	MQLEKLQVSANVAPK	AGAP011123-PA	-	35	0.002019567	1	1655.912	-1.56	Midgut	3L:-:17418582-17418538	exon=> In CDS Exon 3 of transcript AGAP011123-PA
JHU_Ag_25547	GINYIDTAPYYGQGR	AGAP011125-PA	-	65	4.52E-06	1	1687.804	-1.93	Midgut	3L:+:17428618-17428662	exon=> In CDS Exon 2 of transcript AGAP011125-PA
JHU_Ag_32968	VSFGTGPFSQLYGNLDEAK	AGAP011125-PA	-	64	7.39E-06	2	2029.993	3.18	Malpighian tubule	3L:+:17428457-17428494,17428566-17428584	exon=> In CDS Exon 1 and 2 of transcript AGAP011125-PA
JHU_Ag_35930	FIGVSAYPLAVLR	AGAP011125-PA	-	55	6.48E-06	2	1405.827	4.93	Malpighian tubule	3L:+:17428939-17428977	exon=> In CDS Exon 2 of transcript AGAP011125-PA
JHU_Ag_38153	GINYIDTAPYYGQGR	AGAP011125-PA	-	70	1.34E-06	1	1687.812	2.85	Malpighian tubule	3L:+:17428618-17428662	exon=> In CDS Exon 2 of transcript AGAP011125-PA
JHU_Ag_63088	FIGVSAYPLAVLR	AGAP011125-PA	-	47	6.27E-05	2	1405.825	3.2	Pupa	3L:+:17428939-17428977	exon=> In CDS Exon 2 of transcript AGAP011125-PA
JHU_Ag_79211	EVCAEAAAYCKR	AGAP011125-PA	C3(Carbamidomethyl), C10(Carbamidomethyl)	63	4.94E-06	1	1427.644	2.49	Malpighian tubule	3L:+:17429179-17429214	exon=> In CDS Exon 2 of transcript AGAP011125-PA
JHU_Ag_95575	FIGVSAYPLAVLR	AGAP011125-PA	-	61	2.21E-06	2	1405.822	1.55	Ovary	3L:+:17428939-17428977	exon=> In CDS Exon 2 of transcript AGAP011125-PA
JHU_Ag_111620	FIGVSAYPLAVLR	AGAP011125-PA	-	31	0.001613443	2	1405.827	4.5	Larva	3L:+:17428939-17428977	exon=> In CDS Exon 2 of transcript AGAP011125-PA
JHU_Ag_2673	VLIVGGGDGGVAR	AGAP011126-PA	-	64	2.48E-06	1	1169.665	1.22	Pupa	3L:+:17430286-17430324	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_5345	QHEGAFDVIITDSSDPIGPAESLFR	AGAP011126-PA	-	108	2.61E-10	1	2701.310	-0.03	Ovary	3L:+:17430481-17430555	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_6849	HPAVLEVHQVEIDER	AGAP011126-PA	-	95	4.52E-09	1	1770.912	-0.68	Ovary	3L:+:17430337-17430381	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_10979	EVAKHPAVLEVHQVEIDER	AGAP011126-PA	-	79	1.06E-07	1	2198.159	0.95	Pupa	3L:+:17430325-17430381	exon=> In CDS Exon 2 of transcript AGAP011126-PA

JHU_Ag_11498	VLIVGGGDGGVAR	AGAP011126-PA	-	53	3.14E-05	1	1169.662	-1.39	Salivary gland	3L:+:17430286-17430324	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_17061	QHEGAFDVIITDSSDPIGPAESLFR	AGAP011126-PA	-	68	2.18E-06	1	2701.325	5.4	Midgut	3L:+:17430481-17430555	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_17512	HPAVLEVHQVEIDER	AGAP011126-PA	-	82	9.71E-08	2	1770.914	0.06	Male reproductive organs	3L:+:17430337-17430381	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_20017	HPAVLEVHQVEIDER	AGAP011126-PA	-	67	2.90E-06	2	1770.916	1.5	Salivary gland	3L:+:17430337-17430381	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_21605	QFEDAEIDQLGLR	AGAP011126-PA	-	91	1.32E-08	2	1533.756	1.04	Salivary gland	3L:+:17430871-17430909	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_28201	ALKPNGIICSQGGSFWLDAGHVR	AGAP011126-PA	N5(Deamidated), C9(Carbamidomethyl)	47	0.000303985	1	2484.254	3.45	Ovary	3L:+:17430583-17430651	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_29757	QFEDAEIDQLGLR	AGAP011126-PA	-	85	5.33E-08	2	1533.750	-2.71	Midgut	3L:+:17430871-17430909	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_32454	AAFTLPR	AGAP011126-PA	-	36	0.003265202	2	775.446	-0.46	Ovary	3L:+:17430934-17430954	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_34129	HPAVLEVHQVEIDER	AGAP011126-PA	-	42	0.000822816	2	1770.916	1.23	Head	3L:+:17430337-17430381	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_37683	IIQSESHGVVLILDGIIQCTER	AGAP011126-PA	C19(Carbamidomethyl)	58	1.02E-05	1	2480.320	0.76	Ovary	3L:+:17430039-17430049,17430165-17430219	exon=> In CDS Exon 1 and 2 of transcript AGAP011126-PA
JHU_Ag_41534	ALKPNGIICSQGGSFWLDAGHVR	AGAP011126-PA	C9(Carbamidomethyl),"N5 (Deamidated), C9(Carbamidomethyl)"	93	5.91E-09	1	2483.262	0.43	Salivary gland	3L:+:17430583-17430651	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_45063	QYLPFMACGFESPK	AGAP011126-PA	M6(Oxidation), C8(Carbamidomethyl)	46	0.000254117	2	1690.763	1.21	Salivary gland	3L:+:17430400-17430441	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_49010	QHEGAFDVIITDSSDPIGPAESLFR	AGAP011126-PA	-	57	2.85E-05	3	2701.322	4.31	Head	3L:+:17430481-17430555	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_52803	VLIVGGGDGGVAR	AGAP011126-PA	-	85	1.81E-08	1	1169.664	0.59	Ovary	3L:+:17430286-17430324	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_56201	QHEGAFDVIITDSSDPIGPAESLFR	AGAP011126-PA	-	72	9.74E-07	1	2701.318	2.62	Pupa	3L:+:17430481-17430555	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_60997	QFEDAEIDQLGLR	AGAP011126-PA	-	69	2.27E-06	2	1533.755	0.16	Pupa	3L:+:17430871-17430909	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_61848	ETLDYCR	AGAP011126-PA	C6(Carbamidomethyl)	45	0.00015859	2	956.414	0.12	Salivary gland	3L:+:17430652-17430672	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_66589	VLIVGGGDGGVAR	AGAP011126-PA	-	81	4.84E-08	1	1169.666	1.85	Male reproductive organs	3L:+:17430286-17430324	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_68470	VLIVGGGDGGVAR	AGAP011126-PA	-	75	2.02E-07	1	1169.666	1.74	Malpighian tubule	3L:+:17430286-17430324	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_70598	QFEDAEIDQLGLR	AGAP011126-PA	-	95	5.91E-09	2	1533.752	-1.91	Ovary	3L:+:17430871-17430909	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_71965	YYTTDVHR	AGAP011126-PA	-	35	0.002066916	1	1054.481	-13.15	Salivary gland	3L:+:17430910-17430933	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_72076	YYTTDVHR	AGAP011126-PA	-	34	0.004298949	1	1054.494	-1.11	Male reproductive organs	3L:+:17430910-17430933	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_73449	VTYGLAAVPSYPTGQIGFFIASLNPETEFREPAR	AGAP011126-PA	-	139	9.94E-14	1	3698.884	-0.29	Ovary	3L:+:17430688-17430762,17430844-17430870	exon=> In CDS Exon 2 and 3 of transcript AGAP011126-PA
JHU_Ag_80841	QFEDAEIDQLGLR	AGAP011126-PA	-	91	1.30E-08	2	1533.753	-0.95	Head	3L:+:17430871-17430909	exon=> In CDS Exon 3 of transcript AGAP011126-PA
JHU_Ag_84531	VTYGLAAVPSYPTGQIGFFIASLNPETEFREPAR	AGAP011126-PA	-	45	0.000219254	1	3698.904	5.11	Salivary gland	3L:+:17430688-17430762,17430844-17430870	exon=> In CDS Exon 2 and 3 of transcript AGAP011126-PA
JHU_Ag_101995	YYTTDVHR	AGAP011126-PA	-	36	0.002777946	1	1054.496	1.09	Malpighian tubule	3L:+:17430910-17430933	exon=> In CDS Exon 3 of transcript AGAP011126-PA

JHU_Ag_102432	VTYGLAAVPSYPTGQIGFFIASLNPETEFR	AGAP011126-PA	-	62	6.36E-06	1	3245.654	0.63	Ovary	3L:+:17430688-17430762,17430844-17430858	exon=> In CDS Exon 2 and 3 of transcript AGAP011126-PA
JHU_Ag_104342	LTIGDGFEYMK	AGAP011126-PA	M10(Oxidation)	91	9.88E-09	1	1289.609	0.79	Ovary	3L:+:17430448-17430480	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_112428	ESYFELVKR	AGAP011126-PA	-	65	3.36E-06	1	1170.615	-0.3	Male reproductive organs	3L:+:17430556-17430582	exon=> In CDS Exon 2 of transcript AGAP011126-PA
JHU_Ag_25936	VRDDHILTVDR	AGAP011128-PA	-	34	0.003549981	2	1338.709	-2.5	Head	3L:-:17571443-17571482,17568825-17568988	exon=> In CDS Exon 3 and 2 of transcript AGAP011128-PA
JHU_Ag_38030	DAGIYECQVSTEPK	AGAP011128-PA	C7(Carbamidomethyl)	66	2.78E-06	2	1596.724	1.71	Head	3L:-:17568897-17568856	exon=> In CDS Exon 3 of transcript AGAP011128-PA
JHU_Ag_762	YFPEVTMDNYYINPYGYDMR	AGAP011130-PA	-	108	9.09E-11	1	2551.106	4.6	Malpighian tubule	3L:+:17686742-17686801	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_1014	FDENTKVVVVDGPIAAGK	AGAP011130-PA	-	38	0.001442375	3	1858.995	2.29	Ovary	3L:+:17686566-17686583,17686664-17686699	exon=> In CDS Exon 1 and 2 of transcript AGAP011130-PA
JHU_Ag_1934	FDVPELTVSPDDFK	AGAP011130-PA	-	51	0.000129925	2	1608.788	5.51	Ovary	3L:+:17687468-17687509	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_2924	YMNKPDLMNSLNVPR	AGAP011130-PA	M2(Oxidation)	82	9.27E-08	1	1807.889	3.08	Head	3L:+:17687423-17687467	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_3930	ALTDQYLKDIETIYK	AGAP011130-PA	-	41	0.000737435	1	1813.958	-0.19	Male reproductive organs	3L:+:17687189-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_6434	FHQNPTHR	AGAP011130-PA	-	44	0.000641819	2	1036.506	-0.74	Male reproductive organs	3L:+:17686853-17686876	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_9431	VVVVDGPIAAGK	AGAP011130-PA	-	73	1.24E-07	2	1124.664	-2.65	Midgut	3L:+:17686664-17686699	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_9870	IDFDRFDK	AGAP011130-PA	-	37	0.002318209	2	1055.513	-2.45	Head	3L:+:17687333-17687356	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_10268	KGYNEECGDTGILTK	AGAP011130-PA	C7(Carbamidomethyl)	107	2.75E-10	1	1684.784	-0.6	Head	3L:+:17687555-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_10760	LPATMQSFDVTK	AGAP011130-PA	M5(Oxidation)	88	2.72E-08	1	1337.677	0.2	Head	3L:+:17686817-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_14784	NAASFQVR	AGAP011130-PA	-	38	0.002738098	2	892.462	-1.34	Midgut	3L:+:17686877-17686900	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_15318	GYNEECGDTGILTK	AGAP011130-PA	C6(Carbamidomethyl)	65	3.08E-06	2	1556.694	2.57	Ovary	3L:+:17687558-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_20046	VVVVDGPIAAGK	AGAP011130-PA	-	65	8.27E-07	2	1124.669	1.47	Visceras	3L:+:17686664-17686699	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_20391	NTFCDLMKPHLVIYLDVPVDVVK	AGAP011130-PA	C4(Carbamidomethyl)	115	2.19E-11	1	2715.437	4.45	Malpighian tubule	3L:+:17687075-17687143	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_20492	FDVPELTVSPDDFK	AGAP011130-PA	-	83	6.80E-08	1	1608.786	3.92	Salivary gland	3L:+:17687468-17687509	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_24789	LPATMQSFDVTK	AGAP011130-PA	M5(Oxidation)	63	6.37E-06	2	1353.674	1.88	Ovary	3L:+:17686817-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_25387	FSQYADALAHLFSTGEGVVLDR	AGAP011130-PA	-	157	3.04E-15	1	2396.193	1.87	Visceras	3L:+:17686916-17686981	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_27355	MRDWVMENEEDWTEAR	AGAP011130-PA	-	51	3.87E-05	1	2096.885	2.47	Malpighian tubule	3L:+:17687369-17687416	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_27584	RANPAEVSSK	AGAP011130-PA	-	36	0.004861214	1	1058.563	3.4	Malpighian tubule	3L:+:17687159-17687188	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_28345	LPATMQSFDVTK	AGAP011130-PA	M5(Oxidation)	57	2.61E-05	2	1353.674	1.34	Salivary gland	3L:+:17686817-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_29923	YMNKPDLMNSLNVPR	AGAP011130-PA	M2(Oxidation),"M2(Oxidation), M8(Oxidation)"	76	4.76E-07	1	1823.874	-2.37	Midgut	3L:+:17687423-17687467	exon=> In CDS Exon 2 of transcript AGAP011130-PA

JHU_Ag_30341	LPATMQSFDVTK	AGAP011130-PA	M5(Oxidation)	99	1.91E-09	2	1337.681	2.75	Malpighian tubule	3L:+:17686817-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_30894	ALTDQYLKDIETIYK	AGAP011130-PA	-	121	7.79E-12	1	1813.966	4.26	Pupa	3L:+:17687189-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_31296	AWYDVWYSAPGMQFR	AGAP011130-PA	M12(Oxidation)	42	0.000599796	2	1892.844	0.73	Pupa	3L:+:17687510-17687554	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_32613	NAASFQVR	AGAP011130-PA	-	62	1.05E-05	2	892.464	0.1	Visceras	3L:+:17686877-17686900	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_33768	VVVVDGPIAAGK	AGAP011130-PA	-	59	3.06E-06	1	1124.669	1.25	Malpighian tubule	3L:+:17686664-17686699	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_34351	FSQYADALAHLFSTGEGVVLDR	AGAP011130-PA	-	150	1.40E-14	1	2396.199	4.69	Salivary gland	3L:+:17686916-17686981	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_34734	SVYSDFVFLEAMFR	AGAP011130-PA	M12(Oxidation)	109	2.18E-10	2	1710.821	0.68	Midgut	3L:+:17686982-17687023	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_35181	QYTAWNACMDVLR	AGAP011130-PA	C8(Carbamidomethyl), M9(Oxidation),C8(Carbamidomethyl)	64	3.10E-06	2	1643.727	-2.02	Midgut	3L:+:17686509-17686547	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_35767	QYTAWNACMDVLR	AGAP011130-PA	C8(Carbamidomethyl), M9(Oxidation)	41	0.000691603	2	1643.734	2.14	Salivary gland	3L:+:17686509-17686547	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_38370	GYNEECGDTGILTK	AGAP011130-PA	C6(Carbamidomethyl)	95	3.00E-09	1	1556.691	1	Head	3L:+:17687558-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_39763	LSKPKPFPYLEK	AGAP011130-PA	-	48	5.96E-05	1	1446.833	-1.64	Salivary gland	3L:+:17686473-17686508	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_40423	QYTAWNACMDVLR	AGAP011130-PA	C8(Carbamidomethyl)	63	5.49E-06	2	1627.738	1.59	Head	3L:+:17686509-17686547	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_41218	FSQYADALAHLFSTGEGVVLDR	AGAP011130-PA	-	158	2.14E-15	1	2396.193	1.94	Pupa	3L:+:17686916-17686981	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_42905	SVYYDLVK	AGAP011130-PA	-	39	0.001257078	1	986.518	-1.29	Head	3L:+:17687051-17687074	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_44955	FDVPELTVSPDDFK	AGAP011130-PA	-	73	6.83E-07	2	1608.783	2.63	Malpighian tubule	3L:+:17687468-17687509	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_45211	FSQYADALAHLFSTGEGVVLDR	AGAP011130-PA	-	146	3.12E-14	1	2396.198	4	Head	3L:+:17686916-17686981	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_45287	ALTDQYLKDIETIYK	AGAP011130-PA	-	75	2.91E-07	1	1813.962	1.93	Ovary	3L:+:17687189-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_47294	ALTDQYLKDIETIYK	AGAP011130-PA	-	94	3.85E-09	1	1813.963	2.65	Visceras	3L:+:17687189-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_47829	LPATMQSFDVTK	AGAP011130-PA	M5(Oxidation)	69	1.91E-06	1	1353.673	1.06	Visceras	3L:+:17686817-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_48749	ALTDQYLKDIETIYK	AGAP011130-PA	-	107	2.02E-10	1	1813.959	0.56	Head	3L:+:17687189-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_48764	ANPAEVSSK	AGAP011130-PA	-	39	0.002057135	1	902.459	1.2	Malpighian tubule	3L:+:17687162-17687188	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_49189	YMNKPDLMNSLNVPR	AGAP011130-PA	-	83	9.57E-08	1	1791.890	1.02	Malpighian tubule	3L:+:17687423-17687467	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_51606	ANPAEVSSK	AGAP011130-PA	-	43	0.000926904	2	902.457	-0.77	Salivary gland	3L:+:17687162-17687188	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_51972	FHQNPTHR	AGAP011130-PA	-	37	0.002933147	2	1036.509	1.62	Visceras	3L:+:17686853-17686876	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_52002	AWYDVWYSAPGMQFR	AGAP011130-PA	-	98	1.99E-09	1	1876.847	-0.54	Midgut	3L:+:17687510-17687554	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_55229	FSQYADALAHLFSTGEGVVLDR	AGAP011130-PA	-	137	2.94E-13	1	2396.182	-2.62	Midgut	3L:+:17686916-17686981	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_56501	GYNEECGDTGILTK	AGAP011130-PA	C6(Carbamidomethyl)	89	1.09E-08	2	1556.684	-3.47	Midgut	3L:+:17687558-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA

JHU_Ag_56854	AWYDVWYSAPGMQFR	AGAP011130-PA	M12(Oxidation)	96	2.77E-09	1	1876.851	1.74	Malpighian tubule	3L:+:17687510-17687554	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_61241	NAASFQVR	AGAP011130-PA	-	46	0.000456922	2	892.464	0.58	Malpighian tubule	3L:+:17686877-17686900	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_61757	LSKPKPFPYLEK	AGAP011130-PA	-	50	3.68E-05	1	1446.838	1.84	Ovary	3L:+:17686473-17686508	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_63464	AWYDVWYSAPGMQFR	AGAP011130-PA	M12(Oxidation)	50	0.000113476	2	1876.847	-0.15	Visceras	3L:+:17687510-17687554	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_64117	KGYNEECGDTGILTK	AGAP011130-PA	C7(Carbamidomethyl)	100	1.61E-09	1	1684.788	1.93	Visceras	3L:+:17687555-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_68714	FSQYADALAHLFSTGEGVVLDR	AGAP011130-PA	-	82	8.74E-08	1	2396.196	3.16	Ovary	3L:+:17686916-17686981	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_69584	FDVPELTVSPDDFK	AGAP011130-PA	-	69	2.04E-06	1	1608.783	2.25	Visceras	3L:+:17687468-17687509	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_70121	GYNEECGDTGILTK	AGAP011130-PA	C6(Carbamidomethyl)	100	9.66E-10	1	1556.690	0.14	Visceras	3L:+:17687558-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_71588	KGYNEECGDTGILTK	AGAP011130-PA	C7(Carbamidomethyl)	75	4.72E-07	2	1684.785	0.13	Midgut	3L:+:17687555-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_71936	DIETIYK	AGAP011130-PA	-	45	0.000295286	1	881.463	1.37	Pupa	3L:+:17687213-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_72021	QLDAKLPATMQSFDVTK	AGAP011130-PA	M10(Oxidation)	41	0.000976613	1	1908.980	3.12	Malpighian tubule	3L:+:17686802-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_72163	ALTDQYLKDIETIYK	AGAP011130-PA	-	41	0.000718006	1	1813.968	5.46	Malpighian tubule	3L:+:17687189-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_73584	DIETIYK	AGAP011130-PA	-	45	0.000318282	1	881.464	2.41	Visceras	3L:+:17687213-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_74246	DIETIYK	AGAP011130-PA	-	47	0.000176214	1	881.459	-2.37	Midgut	3L:+:17687213-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_74483	GYNEECGDTGILTK	AGAP011130-PA	C6(Carbamidomethyl)	57	2.12E-05	1	1556.692	1.39	Male reproductive organs	3L:+:17687558-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_74911	AWYDVWYSAPGMQFR	AGAP011130-PA	M12(Oxidation)	47	0.000197571	1	1892.843	0.15	Male reproductive organs	3L:+:17687510-17687554	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_76109	DIETIYK	AGAP011130-PA	-	54	4.36E-05	1	881.460	-1.82	Head	3L:+:17687213-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_79701	FDVPELTVSPDDFK	AGAP011130-PA	-	48	0.000244713	1	1608.792	8.02	Larva	3L:+:17687468-17687509	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_82185	LSKPKPFPYLEK	AGAP011130-PA	-	47	6.67E-05	1	1446.835	-0.73	Head	3L:+:17686473-17686508	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_83365	ALTDQYLKDIETIYK	AGAP011130-PA	-	125	3.19E-12	1	1813.959	0.29	Midgut	3L:+:17687189-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_83514	DIETIYK	AGAP011130-PA	-	45	0.000296926	1	881.462	0.47	Salivary gland	3L:+:17687213-17687233	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_83768	LPATMQSFDVTK	AGAP011130-PA	M5(Oxidation)	75	4.65E-07	1	1353.672	0.34	Male reproductive organs	3L:+:17686817-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_84463	FDVPELTVSPDDFK	AGAP011130-PA	-	79	1.95E-07	1	1608.783	2.25	Head	3L:+:17687468-17687509	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_86140	FDVPELTVSPDDFK	AGAP011130-PA	-	76	3.38E-07	2	1608.775	-2.91	Midgut	3L:+:17687468-17687509	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_86217	LSKPKPFPYLEK	AGAP011130-PA	-	48	5.09E-05	1	1446.836	0.45	Visceras	3L:+:17686473-17686508	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_87268	LPATMQSFDVTK	AGAP011130-PA	M5(Oxidation)	93	6.70E-09	1	1353.668	-3.08	Midgut	3L:+:17686817-17686852	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_89522	ALTDQYLK	AGAP011130-PA	-	54	4.68E-05	1	951.513	-1.76	Midgut	3L:+:17687189-17687212	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_89870	VVVVDGPIAAGK	AGAP011130-PA	-	51	2.03E-05	2	1124.668	0.49	Salivary gland	3L:+:17686664-17686699	exon=> In CDS Exon 2 of transcript AGAP011130-PA

JHU_Ag_96801	VVVVDGPIAAGK	AGAP011130-PA	-	52	1.80E-05	2	1124.667	-0.16	Head	3L:+:17686664-17686699	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_98698	DWVMENEEDWTEAR	AGAP011130-PA	M4(Oxidation)	89	3.31E-09	1	1825.733	-0.41	Midgut	3L:+:17687375-17687416	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_98715	VVVVDGPIAAGK	AGAP011130-PA	-	54	1.07E-05	2	1124.668	0.06	Male reproductive organs	3L:+:17686664-17686699	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_99379	FHQNPTHR	AGAP011130-PA	-	53	6.78E-05	1	1036.511	3.38	Head	3L:+:17686853-17686876	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_99680	YFPEVTMDNYYINPYGYDMR	AGAP011130-PA	M7(Oxidation), M19(Oxidation),M19(Oxidation),M7(Oxidation)	53	1.89E-05	2	2567.084	-2.2	Midgut	3L:+:17686742-17686801	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_105143	ELAAELEMK	AGAP011130-PA	-	35	0.006850043	2	1033.521	-2.01	Midgut	3L:+:17686715-17686741	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_105277	LSKPKPFPYLEK	AGAP011130-PA	-	38	0.000470451	1	1446.839	2.22	Male reproductive organs	3L:+:17686473-17686508	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_105602	RANPAEVSSK	AGAP011130-PA	-	52	0.000114035	1	1058.559	0.17	Head	3L:+:17687159-17687188	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_106946	KGYNEECGDTGILTK	AGAP011130-PA	C7(Carbamidomethyl)	88	2.30E-08	1	1684.787	1.29	Malpighian tubule	3L:+:17687555-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_107947	RANPAEVSSK	AGAP011130-PA	-	46	0.000375077	2	1058.558	-1.33	Male reproductive organs	3L:+:17687159-17687188	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_108294	ELAAELEMK	AGAP011130-PA	M8(Oxidation)	40	0.002051168	2	1049.517	-1.79	Head	3L:+:17686715-17686741	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_109650	NTFCDLMKPHLVIYLDVPVDVVK	AGAP011130-PA	C4(Carbamidomethyl), M7(Oxidation)	31	0.006302062	1	2731.422	0.69	Midgut	3L:+:17687075-17687143	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_112366	ELAAELEMK	AGAP011130-PA	M8(Oxidation)	47	0.000392533	2	1049.518	0.07	Malpighian tubule	3L:+:17686715-17686741	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_112654	GYNEECGDTGILTK	AGAP011130-PA	C6(Carbamidomethyl)	98	1.64E-09	1	1556.693	2.18	Malpighian tubule	3L:+:17687558-17687599	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_113094	VVVVDGPIAAGK	AGAP011130-PA	-	55	9.05E-06	2	1124.667	-0.05	Ovary	3L:+:17686664-17686699	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_113887	NTFCDLMKPHLVIYLDVPVDVVK	AGAP011130-PA	C4(Carbamidomethyl)	99	9.25E-10	1	2715.439	5.12	Visceras	3L:+:17687075-17687143	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_115638	FSQYADALAHLFSTGEGVVLDR	AGAP011130-PA	-	92	8.23E-09	2	2396.192	1.76	Malpighian tubule	3L:+:17686916-17686981	exon=> In CDS Exon 2 of transcript AGAP011130-PA
JHU_Ag_116147	LSKPKPFPYLEK	AGAP011130-PA	-	66	8.79E-07	1	1446.838	1.39	Malpighian tubule	3L:+:17686473-17686508	exon=> In CDS Exon 1 of transcript AGAP011130-PA
JHU_Ag_116780	FDENTKVVVVDGPIAAGK	AGAP011130-PA	-	50	7.54E-05	1	1858.999	4.16	Malpighian tubule	3L:+:17686566-17686583,17686664-17686699	exon=> In CDS Exon 1 and 2 of transcript AGAP011130-PA
JHU_Ag_507	ANLAAFK	AGAP011131-PA	-	41	0.000557075	1	734.419	-0.38	Midgut	3L:+:17689453-17689473	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_2051	ANLAAFK	AGAP011131-PA	-	45	0.000232314	2	734.419	-0.9	Head	3L:+:17689453-17689473	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_2450	IDWSFYK	AGAP011131-PA	-	40	0.000903977	1	958.468	1.02	Head	3L:+:17689782-17689802	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_2846	NVPVAGMVDKFQK	AGAP011131-PA	M7(Oxidation)	62	9.13E-06	1	1448.757	0.21	Ovary	3L:+:17689806-17689844	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_4404	LVEAQEKEVQQDIAK	AGAP011131-PA	-	69	1.34E-06	1	1727.915	-1.43	Ovary	3L:+:17689893-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_5031	ANLAAFK	AGAP011131-PA	-	45	0.000212398	2	734.420	0.02	Male reproductive organs	3L:+:17689453-17689473	exon=> In CDS Exon 1 of transcript AGAP011131-PA

JHU_Ag_5097	ALLPFDQMTMEDFK	AGAP011131-PA	M8(Oxidation),"M8(Oxidation), M10(Oxidation)",M10(Oxidation)	87	2.80E-08	2	1685.790	-0.95	Midgut	3L:+:17689998-17690039	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_6343	NVPVAGMVDKFQK	AGAP011131-PA	M7(Oxidation)	45	0.000422882	2	1448.752	-3.07	Head	3L:+:17689806-17689844	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_7387	ANLAAFK	AGAP011131-PA	-	45	0.000199137	2	734.420	0.02	Salivary gland	3L:+:17689453-17689473	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_11633	EVQQDIAKFVK	AGAP011131-PA	-	56	2.71E-05	1	1304.722	0.98	Visceras	3L:+:17689914-17689946	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_12296	AYEGLQIPYPADNVTK	AGAP011131-PA	Q6(Deamidated)	97	3.47E-09	1	1778.895	-0.46	Head	3L:+:17689845-17689892	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_12984	IDWSFYK	AGAP011131-PA	-	54	2.90E-05	1	958.469	2.47	Malpighian tubule	3L:+:17689782-17689802	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_14955	RIAQSSVNWAALAER	AGAP011131-PA	-	72	6.37E-07	2	1671.893	0.01	Male reproductive organs	3L:+:17689390-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_15189	ANLAAFK	AGAP011131-PA	-	45	0.000236 04	2	734.422	2.84	Malpighian tubule	3L:+:17689453-17689473	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_19352	AYEGLQIPYPADNVTK	AGAP011131-PA	-	120	1.69E-11	1	1778.899	1.53	Salivary gland	3L:+:17689845-17689892	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_21443	IDWSFYK	AGAP011131-PA	-	42	0.000503683	1	958.464	-2.56	Midgut	3L:+:17689782-17689802	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_21835	VPPNQKANLAAFK	AGAP011131-PA	-	53	3.40E-05	2	1397.791	1	Malpighian tubule	3L:+:17689435-17689473	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_23085	SVVANPETPPK	AGAP011131-PA	-	68	1.61E-06	2	1138.611	0.82	Malpighian tubule	3L:+:17689498-17689499,17689751-17689781	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_23287	NVPVAGMVDKFQK	AGAP011131-PA	M7(Oxidation)	93	6.71E-09	1	1432.766	2.97	Malpighian tubule	3L:+:17689806-17689844	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_24128	RIAQSSVNWAALAER	AGAP011131-PA	-	55	3.53E-05	1	1671.893	0.33	Salivary gland	3L:+:17689390-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_24926	IDWSFYK	AGAP011131-PA	-	55	2.89E-05	1	958.468	0.81	Visceras	3L:+:17689782-17689802	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_26927	RIAQSSVNWAALAER	AGAP011131-PA	-	109	1.45E-10	1	1671.895	1.32	Malpighian tubule	3L:+:17689390-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_29977	NVPVAGMVDK	AGAP011131-PA	M7(Oxidation)	47	0.000197812	1	1029.541	0.81	Head	3L:+:17689806-17689835	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_30148	IAQSSVNWAALAER	AGAP011131-PA	-	130	1.31E-12	1	1515.796	2.7	Visceras	3L:+:17689393-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_31512	ISDYQTQIATLK	AGAP011131-PA	-	114	5.63E-11	2	1380.739	1.26	Visceras	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_32020	IAQSSVNWAALAER	AGAP011131-PA	-	124	5.85E-12	1	1515.792	0.52	Ovary	3L:+:17689393-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_32319	ISDYQTQIATLK	AGAP011131-PA	-	105	4.89E-10	2	1380.740	2.05	Malpighian tubule	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_35498	ALLPFDQMTMEDFKDSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	AGAP011131-PA	M8(Oxidation), M10(Oxidation)	123	2.90E-12	1	5640.599	1.59	Visceras	3L:+:17689998-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_36893	LVEAQEKEVQQDIAK	AGAP011131-PA	-	111	9.91E-11	1	1727.918	0.3	Male reproductive organs	3L:+:17689893-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_37241	IAQSSVNWAALAER	AGAP011131-PA	-	130	1.35E-12	1	1515.796	2.94	Malpighian tubule	3L:+:17689393-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_38268	NVPVAGMVDKFQK	AGAP011131-PA	M7(Oxidation)	57	2.64E-05	2	1448.757	0.3	Male reproductive organs	3L:+:17689806-17689844	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_40480	IDWSFYK	AGAP011131-PA	-	41	0.000795814	2	958.470	3.61	Male reproductive organs	3L:+:17689782-17689802	exon=> In CDS Exon 2 of transcript AGAP011131-PA

JHU_Ag_41126	ALLPFDQMTMEDFK	AGAP011131-PA	M8(Oxidation), M10(Oxidation)	58	1.97E-05	2	1717.787	3.21	Visceras	3L:+:17689998-17690039	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_41554	AYEGLQIPYPADNVTK	AGAP011131-PA	-	100	1.40E-09	1	1778.898	1.12	Male reproductive organs	3L:+:17689845-17689892	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_43004	AYEGLQIPYPADNVTK	AGAP011131-PA	-	91	1.35E-08	2	1778.892	-2.03	Midgut	3L:+:17689845-17689892	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_43837	IAQSSVNWAALAER	AGAP011131-PA	-	131	1.18E-12	1	1515.791	-0.2	Salivary gland	3L:+:17689393-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_44737	ISDYQTQIATLK	AGAP011131-PA	Q5(Deamidated)	103	6.23E-10	2	1380.738	0.99	Midgut	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_46464	IAQSSVNWAALAER	AGAP011131-PA	-	130	1.24E-12	1	1515.794	1.89	Male reproductive organs	3L:+:17689393-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_48151	IDWSFYKK	AGAP011131-PA	-	48	0.000198015	1	1086.565	3.06	Malpighian tubule	3L:+:17689782-17689805	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_49395	LVEAQEKEVQQDIAK	AGAP011131-PA	-	119	1.25E-11	1	1727.923	3.06	Malpighian tubule	3L:+:17689893-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_49474	DSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	AGAP011131-PA	-	55	2.66E-05	1	3973.844	6.85	Ovary	3L:+:17690040-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_51215	IDWSFYKK	AGAP011131-PA	-	48	0.000167772	1	1086.564	1.97	Ovary	3L:+:17689782-17689805	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_51425	LVEAQEKEVQQDIAK	AGAP011131-PA	-	95	3.27E-09	1	1727.919	0.94	Salivary gland	3L:+:17689893-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_51849	EVQQDIAK	AGAP011131-PA	-	36	0.005521156	1	930.491	1.64	Malpighian tubule	3L:+:17689914-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_52113	ISDYQTQIATLK	AGAP011131-PA	-	97	2.93E-09	1	1380.736	-1.04	Salivary gland	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_52303	EVQQDIAK	AGAP011131-PA	-	37	0.002681771	1	930.486	-3.54	Male reproductive organs	3L:+:17689914-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_53867	RIAQSSVNWAALAER	AGAP011131-PA	-	92	6.57E-09	1	1671.892	-0.58	Midgut	3L:+:17689390-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_53893	EVQQDIAK	AGAP011131-PA	-	43	0.00104916	2	930.490	1.04	Salivary gland	3L:+:17689914-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_54369	IAQSSVNWAALAERVPPNQK	AGAP011131-PA	-	161	4.00E-16	1	2179.170	3.69	Malpighian tubule	3L:+:17689393-17689452	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_54821	EVQQDIAK	AGAP011131-PA	-	34	0.009425024	2	930.488	-0.99	Midgut	3L:+:17689914-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_55035	AYEGLQIPYPADNVTK	AGAP011131-PA	-	109	1.89E-10	1	1778.902	3.59	Visceras	3L:+:17689845-17689892	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_58278	RIAQSSVNWAALAER	AGAP011131-PA	-	106	2.91E-10	1	1671.894	0.74	Head	3L:+:17689390-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_58466	RIAQSSVNWAALAER	AGAP011131-PA	-	94	3.70E-09	2	1671.900	4.17	Visceras	3L:+:17689390-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_59248	LVEAQEKEVQQDIAK	AGAP011131-PA	-	121	9.21E-12	1	1727.917	-0.47	Midgut	3L:+:17689893-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_59465	NVPVAGMVDK	AGAP011131-PA	M7(Oxidation)	46	0.000312391	1	1029.540	-0.13	Midgut	3L:+:17689806-17689835	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_59842	NVPVAGMVDKFQK	AGAP011131-PA	M7(Oxidation)	62	1.06E-05	2	1432.761	-0.44	Midgut	3L:+:17689806-17689844	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_60788	ISDYQTQIATLK	AGAP011131-PA	-	110	1.38E-10	2	1380.743	4.17	Larva	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_64021	ESEVRISDYQTQIATLK	AGAP011131-PA	-	99	1.59E-09	1	1981.028	2.03	Malpighian tubule	3L:+:17689947-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_68638	IAQSSVNWAALAER	AGAP011131-PA	Q3(Deamidated)	130	1.26E-12	1	1515.793	0.68	Head	3L:+:17689393-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA

JHU_Ag_68734	KNVPVAGMVDK	AGAP011131-PA	-	43	0.000718394	1	1157.637	2.14	Malpighian tubule	3L:+:17689803-17689835	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_71740	DSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	AGAP011131-PA	-	67	1.67E-06	1	3973.825	2.07	Visceras	3L:+:17690040-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_74441	AYEGLQIPYPADNVTK	AGAP011131-PA	-	120	1.67E-11	1	1778.896	0.02	Ovary	3L:+:17689845-17689892	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_74740	LVEAQEKEVQQDIAK	AGAP011131-PA	-	123	5.17E-12	1	1727.921	1.86	Visceras	3L:+:17689893-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_74942	NVPVAGMVDKFQK	AGAP011131-PA	M7(Oxidation)	72	9.89E-07	1	1448.757	0.21	Visceras	3L:+:17689806-17689844	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_75839	ALLPFDQMTMEDFKDSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	AGAP011131-PA	M8(Oxidation), M10(Oxidation)	54	2.08E-05	1	5672.569	-2	Midgut	3L:+:17689998-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_75902	SVVANPETPPK	AGAP011131-PA	-	54	4.26E-05	2	1138.608	-1.86	Midgut	3L:+:17689498-17689499,17689751-17689781	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_79021	DSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	AGAP011131-PA	-	74	2.89E-07	1	3973.824	1.88	Malpighian tubule	3L:+:17690040-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_82638	ISDYQTQIATLK	AGAP011131-PA	-	99	1.53E-09	2	1380.738	0.64	Male reproductive organs	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_84529	SVVANPETPPK	AGAP011131-PA	-	71	7.07E-07	2	1138.610	-0.36	Visceras	3L:+:17689498-17689499,17689751-17689781	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_85024	SVVANPETPPK	AGAP011131-PA	-	57	1.74E-05	2	1138.610	-0.25	Ovary	3L:+:17689498-17689499,17689751-17689781	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_86982	ALLPFDQMTMEDFKDSFPEQALDPINRPSFWPHTPEEQEPGAPNAEPHH	AGAP011131-PA	M8(Oxidation), M10(Oxidation)	53	2.47E-05	1	5672.567	-2.31	Head	3L:+:17689998-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_87378	SVVANPETPPK	AGAP011131-PA	-	70	9.25E-07	2	1138.612	1.57	Salivary gland	3L:+:17689498-17689499,17689751-17689781	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_87561	SVVANPETPPKIDWSFYK	AGAP011131-PA	-	99	1.36E-09	1	2078.077	8.56	Malpighian tubule	3L:+:17689498-17689499,17689751-17689802	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_92110	AYEGLQIPYPADNVTK	AGAP011131-PA	-	124	6.18E-12	1	1778.899	1.81	Malpighian tubule	3L:+:17689845-17689892	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_92146	ISDYQTQIATLK	AGAP011131-PA	-	102	7.17E-10	1	1380.737	0.02	Ovary	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_92461	FVKESEVR	AGAP011131-PA	-	52	8.69E-05	2	993.536	-0.67	Malpighian tubule	3L:+:17689938-17689961	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_94584	ALLPFDQMTMEDFK	AGAP011131-PA	-	40	0.001251811	1	1685.784	-4.28	Malpighian tubule	3L:+:17689998-17690039	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_96137	ALLPFDQMTMEDFK	AGAP011131-PA	M8(Oxidation),"M8(Oxidation), M10(Oxidation)",M10(Oxidation)	90	1.32E-08	1	1685.793	0.79	Head	3L:+:17689998-17690039	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_100541	IAQSSVNWAALAER	AGAP011131-PA	-	131	1.14E-12	1	1515.793	0.68	Midgut	3L:+:17689393-17689434	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_101999	IDWSFYKK	AGAP011131-PA	-	53	4.78E-05	1	1086.562	-0.07	Male reproductive organs	3L:+:17689782-17689805	exon=> In CDS Exon 2 of transcript AGAP011131-PA

JHU_Ag_102900	ALLPFDQMTMEDFKDSFPEQALDPIN RPSFWPHTPEEQEPGAPNAEPHH	AGAP011131-PA	Q7(Deamidated), M8(Oxidation), M10(Oxidation), Q20(Deamidated), N26(Deamidated), Q38(Deamidated),"M8(Oxidation), M10(Oxidation)"	115	2.10E-11	1	5640.622	5.7	Malpighian tubule	3L:+:17689998-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_105176	DSFPEQALDPINRPSFWPHTPEEQEPG APNAEPHH	AGAP011131-PA	-	81	6.45E-08	1	3973.811	-1.5	Head	3L:+:17690040-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_106746	ANLAAFK	AGAP011131-PA	-	46	0.000190539	2	734.422	2.68	Visceras	3L:+:17689453-17689473	exon=> In CDS Exon 1 of transcript AGAP011131-PA
JHU_Ag_107939	KNVPVAGMVDK	AGAP011131-PA	-	55	4.07E-05	1	1157.637	1.5	Visceras	3L:+:17689803-17689835	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_108863	SVVANPETPPK	AGAP011131-PA	-	46	0.000229154	2	1138.610	-0.04	Male reproductive organs	3L:+:17689498-17689499,17689751-17689781	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_109554	EVQQDIAK	AGAP011131-PA	-	54	8.09E-05	2	930.491	1.56	Visceras	3L:+:17689914-17689937	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_109833	ISDYQTQIATLK	AGAP011131-PA	Q5(Deamidated),Q7(Deamidated)	114	4.63E-11	2	1380.735	-1.57	Head	3L:+:17689962-17689997	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_115144	DSFPEQALDPINRPSFWPHTPEEQEPG APNAEPHH	AGAP011131-PA	-	115	2.23E-11	1	3973.814	-0.76	Midgut	3L:+:17690040-17690054,17690133-17690222	exon=> In CDS Exon 2 and 3 of transcript AGAP011131-PA
JHU_Ag_115279	ALLPFDQMTMEDFK	AGAP011131-PA	M8(Oxidation), M10(Oxidation)	38	0.002149482	2	1717.789	4.78	Larva	3L:+:17689998-17690039	exon=> In CDS Exon 2 of transcript AGAP011131-PA
JHU_Ag_115849	SVVANPETPPK	AGAP011131-PA	-	58	1.80E-05	2	1138.609	-0.79	Head	3L:+:17689498-17689499,17689751-17689781	exon=> In CDS Exon 1 and 2 of transcript AGAP011131-PA
JHU_Ag_1596	EKYPSLQVIAGNVVTR	AGAP011133-PA	-	87	9.45E-09	1	1773.992	3.2	Ovary	3L:+:17694030-17694077	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_1830	QQAYNLITAGCDALR	AGAP011133-PA	C11(Carbamidomethyl)	85	5.97E-08	2	1693.837	2.45	Malpighian tubule	3L:+:17694078-17694122	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_2207	QYGVPVIADGGIQSIGHIVK	AGAP011133-PA	-	63	2.20E-06	3	2051.136	3.52	Head	3L:+:17694222-17694281	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_2477	DIDFREHDVDIK	AGAP011133-PA	-	38	0.002334146	1	1501.734	3.64	Ovary	3L:+:17693643-17693678	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_4112	LEDLITAPNGVTLQEANNIMEK	AGAP011133-PA	M20(Oxidation)	50	0.000132822	2	2429.239	6.73	Head	3L:+:17693700-17693765	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_8887	YPSLQVIAGNVVTR	AGAP011133-PA	-	39	0.000748907	2	1516.858	6.39	Ovary	3L:+:17694036-17694077	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_15451	HGFIRDPLVMGPENTVADVLEAK	AGAP011133-PA	M10(Oxidation)	91	9.51E-09	1	2524.300	5.18	Ovary	3L:+:17693493-17693561	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_15779	LEDLITAPNGVTLQEANNIMEK	AGAP011133-PA	M20(Oxidation)	106	3.35E-10	1	2429.243	8.33	Ovary	3L:+:17693700-17693765	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_16034	TGELVALIAR	AGAP011133-PA	-	81	5.28E-08	1	1042.629	3	Malpighian tubule	3L:+:17693799-17693828	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_18467	NGFTGYPITENGK	AGAP011133-PA	N1(Deamidated)	42	0.000735105	2	1398.653	-0.37	Ovary	3L:+:17693568-17693606	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_18827	NGFTGYPITENGK	AGAP011133-PA	N1(Deamidated)	60	1.42E-05	1	1397.671	1.21	Head	3L:+:17693568-17693606	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_22197	VAQGVSGSIVDKGSILR	AGAP011133-PA	-	137	9.34E-14	1	1685.956	0.92	Ovary	3L:+:17694483-17694533	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_23129	TGELVALIAR	AGAP011133-PA	-	104	2.31E-10	2	1042.626	0.07	Head	3L:+:17693799-17693828	exon=> In CDS Exon 3 of transcript AGAP011133-PA

JHU_Ag_23477	FVPYLLCGLQHSCQDIGAR	AGAP011133-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	105	5.21E-10	1	2234.089	1.83	Ovary	3L:+:17694534-17694590	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_31337	TGELVALIAR	AGAP011133-PA	-	85	1.80E-08	1	1042.627	1.48	Ovary	3L:+:17693799-17693828	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_32177	VAQGVSGSIVDKGSILR	AGAP011133-PA	-	117	9.85E-12	1	1685.959	2.8	Malpighian tubule	3L:+:17694483-17694533	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_35366	QQAYNLITAGCDALR	AGAP011133-PA	C11(Carbamidomethyl)	96	3.81E-09	1	1693.841	4.97	Head	3L:+:17694078-17694122	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_37818	QYGVPVIADGGIQSIGHIVK	AGAP011133-PA	-	77	1.10E-07	1	2051.133	2	Ovary	3L:+:17694222-17694281	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_43564	VAQGVSGSIVDK	AGAP011133-PA	-	45	0.000501821	1	1159.632	0.5	Salivary gland	3L:+:17694483-17694518	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_46887	VAQGVSGSIVDK	AGAP011133-PA	-	81	1.46E-07	1	1159.630	-1.39	Ovary	3L:+:17694483-17694518	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_48032	YPSLQVIAGNVVTR	AGAP011133-PA	-	68	1.04E-06	1	1516.850	1.4	Head	3L:+:17694036-17694077	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_48085	DPLVMGPENTVADVLEAK	AGAP011133-PA	M5(Oxidation)	128	2.07E-12	1	1913.948	-2.5	Ovary	3L:+:17693508-17693561	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_50739	FVPYLLCGLQHSCQDIGAR	AGAP011133-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	75	4.85E-07	1	2234.089	1.94	Malpighian tubule	3L:+:17694534-17694590	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_51613	THSAQLEGNVHGLFSYEK	AGAP011133-PA	-	52	0.000101863	1	2016.997	9.69	Malpighian tubule	3L:+:17694714-17694767	exon=> In CDS Exon 4 of transcript AGAP011133-PA
JHU_Ag_53353	EKYPSLQVIAGNVVTR	AGAP011133-PA	-	39	0.000663981	1	1773.990	2.16	Malpighian tubule	3L:+:17694030-17694077	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_56329	QLLVGAAIGTR	AGAP011133-PA	-	49	5.55E-05	2	1098.664	0.76	Head	3L:+:17693883-17693915	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_61516	VAQGVSGSIVDK	AGAP011133-PA	-	73	9.48E-07	1	1159.633	1.34	Head	3L:+:17694483-17694518	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_62788	EKYPSLQVIAGNVVTR	AGAP011133-PA	-	36	0.001531351	1	1773.985	-0.32	Salivary gland	3L:+:17694030-17694077	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_63260	VAQGVSGSIVDKGSILR	AGAP011133-PA	-	113	2.39E-11	1	1685.961	3.67	Head	3L:+:17694483-17694533	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_65803	HGFIRDPLVMGPENTVADVLEAK	AGAP011133-PA	M10(Oxidation)	115	3.56E-11	1	2524.295	3.44	Head	3L:+:17693493-17693561	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_66706	QQAYNLITAGCDALR	AGAP011133-PA	C11(Carbamidomethyl)	98	3.13E-09	2	1693.833	-0.08	Midgut	3L:+:17694078-17694122	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_70296	THSAQLEGNVHGLFSYEK	AGAP011133-PA	-	88	2.51E-08	2	2016.979	0.62	Head	3L:+:17694714-17694767	exon=> In CDS Exon 4 of transcript AGAP011133-PA
JHU_Ag_74287	THSAQLEGNVHGLFSYEK	AGAP011133-PA	-	115	4.95E-11	1	2016.989	5.88	Ovary	3L:+:17694714-17694767	exon=> In CDS Exon 4 of transcript AGAP011133-PA
JHU_Ag_76125	TGELVALIAR	AGAP011133-PA	-	62	3.41E-06	2	1042.625	-0.51	Salivary gland	3L:+:17693799-17693828	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_76702	QQAYNLITAGCDALR	AGAP011133-PA	C11(Carbamidomethyl)	95	5.76E-09	2	1693.836	1.94	Visceras	3L:+:17694078-17694122	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_77152	YYHTEIEK	AGAP011133-PA	-	49	0.00015094	1	1082.512	-3.5	Head	3L:+:17694453-17694476	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_77979	KSDGLTYNDFIILPGYIDFTAEEVDLSSPLTK	AGAP011133-PA	-	95	2.51E-09	1	3561.792	0.81	Ovary	3L:+:17692776-17692798,17692886-17692958	exon=> In CDS Exon 1 and 2 of transcript AGAP011133-PA
JHU_Ag_79791	MIYNGELR	AGAP011133-PA	M1(Oxidation)	37	0.002255932	2	1011.492	-0.59	Ovary	3L:+:17694678-17694701	exon=> In CDS Exon 4 of transcript AGAP011133-PA
JHU_Ag_83789	QLLVGAAIGTR	AGAP011133-PA	-	69	5.64E-07	2	1098.666	2.32	Ovary	3L:+:17693883-17693915	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_84230	YYHTEIEK	AGAP011133-PA	-	32	0.007928406	1	1082.519	3.15	Ovary	3L:+:17694453-17694476	exon=> In CDS Exon 3 of transcript AGAP011133-PA

JHU_Ag_85189	DPLVMGPENTVADVLEAK	AGAP011133-PA	M5(Oxidation)	99	1.71E-09	2	1913.955	1.14	Head	3L:+:17693508-17693561	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_93050	QYGVPVIADGGIQSIGHIVK	AGAP011133-PA	-	60	5.08E-06	1	2051.129	0.23	Midgut	3L:+:17694222-17694281	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_97171	FVPYLLCGLQHSCQDIGAR	AGAP011133-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	54	6.75E-05	1	2234.093	3.95	Head	3L:+:17694534-17694590	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_101328	EKYPSLQVIAGNVVTR	AGAP011133-PA	-	54	2.00E-05	2	1773.993	4.02	Head	3L:+:17694030-17694077	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_103409	QQAYNLITAGCDALR	AGAP011133-PA	C11(Carbamidomethyl)	92	1.10E-08	2	1693.838	2.95	Ovary	3L:+:17694078-17694122	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_105445	VAQGVSGSIVDK	AGAP011133-PA	-	40	0.001843013	2	1159.629	-2.45	Malpighian tubule	3L:+:17694483-17694518	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_106703	NGFTGYPITENGK	AGAP011133-PA	N1(Deamidated)	54	4.90E-05	1	1398.657	2.6	Malpighian tubule	3L:+:17693568-17693606	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_109018	GMGSLEAMER	AGAP011133-PA	M2(Oxidation), M8(Oxidation)	45	0.000141925	2	1112.469	-1.68	Ovary	3L:+:17694393-17694422	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_109464	VAQGVSGSIVDKGSILR	AGAP011133-PA	-	48	7.95E-05	1	1685.957	1.35	Male reproductive organs	3L:+:17694483-17694533	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_112191	TGELVALIAR	AGAP011133-PA	-	68	8.74E-07	2	1042.627	1.6	Visceras	3L:+:17693799-17693828	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_112254	LVGIVTSR	AGAP011133-PA	-	39	0.001325169	2	844.526	0.59	Ovary	3L:+:17693619-17693642	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_112323	RTHSAQLEGNVHGLFSYEK	AGAP011133-PA	-	115	4.37E-11	1	2173.093	6.53	Ovary	3L:+:17694711-17694767	exon=> In CDS Exon 4 of transcript AGAP011133-PA
JHU_Ag_113823	QQAYNLITAGCDALR	AGAP011133-PA	C11(Carbamidomethyl)	48	0.000271809	2	1693.839	3.74	Salivary gland	3L:+:17694078-17694122	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_117814	QYGVPVIADGGIQSIGHIVK	AGAP011133-PA	-	61	3.97E-06	2	2051.138	4.63	Malpighian tubule	3L:+:17694222-17694281	exon=> In CDS Exon 3 of transcript AGAP011133-PA
JHU_Ag_39109	QLEVLK	AGAP011134-PA	-	40	0.000500908	1	729.450	-1.16	Head	3L:-:17756851-17756834	exon=> In CDS Exon 4 of transcript AGAP011134-PA
JHU_Ag_48929	QLEVLK	AGAP011134-PA	-	40	0.000466399	1	729.450	-0.24	Pupa	3L:-:17756851-17756834	exon=> In CDS Exon 4 of transcript AGAP011134-PA
JHU_Ag_98506	QLEVLK	AGAP011134-PA	-	40	0.001451909	1	729.451	0.85	Ovary	3L:-:17756851-17756834	exon=> In CDS Exon 4 of transcript AGAP011134-PA
JHU_Ag_103793	QLEVLK	AGAP011134-PA	-	40	0.001289678	1	729.452	1.94	Visceras	3L:-:17756851-17756834	exon=> In CDS Exon 4 of transcript AGAP011134-PA
JHU_Ag_15112	MVASGGGGGGGSGGPIGPGSVVHHGDGGGIPR	AGAP011135-PA	M1(Oxidation)	87	2.87E-08	1	2713.283	-1.29	Head	3L:-:17786702-17786607	exon=> In CDS Exon 2 of transcript AGAP011135-PA
JHU_Ag_16083	EYTAAEGATFHVR	AGAP011136-PA	-	40	0.001663324	2	1451.691	0.02	Ovary	3L:+:17790058-17790096	exon=> In CDS Exon 1 of transcript AGAP011136-PA
JHU_Ag_54568	SNIVGEVGEVILR	AGAP011137-PA	-	101	4.68E-10	2	1384.783	2.33	Pupa	3L:-:17791637-17791599	exon=> In CDS Exon 3 of transcript AGAP011137-PA
JHU_Ag_77693	FADQPVSSQPAR	AGAP011137-PA	-	61	1.34E-05	1	1302.641	-2.18	Pupa	3L:-:17792535-17792500	exon=> In CDS Exon 1 of transcript AGAP011137-PA
JHU_Ag_84579	YAIEQSFVSVSNQAR	AGAP011137-PA	-	99	1.80E-09	2	1698.842	-1.42	Pupa	3L:-:17792595-17792551	exon=> In CDS Exon 1 of transcript AGAP011137-PA
JHU_Ag_12326	LELELK	AGAP011138-PA	-	32	0.003229679	2	744.450	-0.22	Ovary	3L:-:17799796-17799779	exon=> In CDS Exon 7 of transcript AGAP011138-PA
JHU_Ag_50632	LELELK	AGAP011138-PA	-	43	0.000274258	2	744.449	-1.61	Head	3L:-:17799796-17799779	exon=> In CDS Exon 7 of transcript AGAP011138-PA
JHU_Ag_63511	LELELK	AGAP011138-PA	-	41	0.000687081	1	744.459	11.69	Male reproductive organs	3L:-:17799796-17799779	exon=> In CDS Exon 7 of transcript AGAP011138-PA
JHU_Ag_56399	KVLLSGR	AGAP011139-PA	-	30	0.001034422	2	772.507	3.98	Male reproductive organs	3L:-:17833806-17833786	exon=> In CDS Exon 3 of transcript AGAP011139-PA
JHU_Ag_16918	ILATELQAR	AGAP011140-PA	-	67	1.96E-06	1	1014.596	2	Male reproductive organs	3L:-:17839129-17839103	exon=> In CDS Exon 1 of transcript AGAP011140-PA

JHU_Ag_43603	ILATELQAR	AGAP011140-PA	-	55	3.42E-05	2	1014.594	0.19	Ovary	3L:-:17839129-17839103	exon=> In CDS Exon 1 of transcript AGAP011140-PA
JHU_Ag_60289	SHDVIELGYSVDDVKPK	AGAP011140-PA	-	133	5.49E-13	1	1900.966	0.24	Ovary	3L:-:17839084-17839246,17838509-17838932	exon=> In CDS Exon 2 and 1 of transcript AGAP011140-PA
JHU_Ag_66140	LLETLENVCER	AGAP011140-PA	C9(Carbamidomethyl)	89	2.55E-08	1	1375.689	0.44	Ovary	3L:-:17838898-17838866	exon=> In CDS Exon 2 of transcript AGAP011140-PA
JHU_Ag_94835	SHDVIELGYSVDDVKPK	AGAP011140-PA	-	112	8.86E-11	1	1900.971	3.22	Midgut	3L:-:17839084-17839246,17838509-17838932	exon=> In CDS Exon 2 and 1 of transcript AGAP011140-PA
JHU_Ag_106386	QEQKPLIEYLCEDNVLK	AGAP011140-PA	C11(Carbamidomethyl)	60	1.28E-05	1	2119.077	1.3	Ovary	3L:-:17838631-17838581	exon=> In CDS Exon 2 of transcript AGAP011140-PA
JHU_Ag_115666	SHDVIELGYSVDDVKPK	AGAP011140-PA	-	67	2.66E-06	3	1900.962	-1.69	Head	3L:-:17839084-17839246,17838509-17838932	exon=> In CDS Exon 2 and 1 of transcript AGAP011140-PA
JHU_Ag_103618	SGDEIIIER	AGAP011141-PA	-	56	5.78E-05	2	1031.523	-13.52	Malpighian tubule	3L:+:17849744-17849770	exon=> In CDS Exon 9 of transcript AGAP011141-PA
JHU_Ag_76193	IKEITMK	AGAP011142-PA	M6(Oxidation)	40	0.001014728	2	878.498	-4.56	Pupa	3L:-:17852923-17852903	exon=> In CDS Exon 3 of transcript AGAP011142-PA
JHU_Ag_60728	GQNNGSVLSFVGIQELELKR	AGAP011145-PA	Q14(Deamidated)	49	9.44E-05	1	2189.168	5.62	Malpighian tubule	3L:+:17973042-17973101	exon=> In CDS Exon 4 of transcript AGAP011145-PA
JHU_Ag_71766	QLLQQTEAESSVSR	AGAP011145-PA	-	80	1.38E-07	2	1575.799	0.89	Ovary	3L:+:17972907-17972948	exon=> In CDS Exon 4 of transcript AGAP011145-PA
JHU_Ag_32700	GQNNGSVLSFVGIEELELKR	AGAP011147-PA	-	49	9.44E-05	1	2189.168	5.62	Malpighian tubule	3L:+:17979595-17979654	exon=> In CDS Exon 4 of transcript AGAP011147-PA
JHU_Ag_25694	LFLEQFGIR	AGAP011147-PA,AGAP011145-PA	-	36	0.001203518	2	1122.632	1.52	Malpighian tubule	3L:+:17979198-17979224;3L:+:17972648-17972674	exon=> In CDS Exon 3 of transcript AGAP011147-PA;exon=> In CDS Exon 3 of transcript AGAP011145-PA
JHU_Ag_57004	TILKEK	AGAP011148-PA,AGAP011146-PA	-	32	0.003320789	1	731.467	0.46	Ovary	3L:-:17980403-17980386;3L:-:17973840-17973823	exon=> In CDS Exon 1 of transcript AGAP011148-PA;exon=> In CDS Exon 1 of transcript AGAP011146-PA
JHU_Ag_699	AAAAAAAAGSATESGGK	AGAP011149-PA	-	76	3.86E-07	2	1361.667	1.21	Head	3L:+:17981995-17982045	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_7150	FAHVDGDHLTLLNVYHAFK	AGAP011149-PA	-	121	1.07E-11	1	2197.130	4.98	Ovary	3L:+:17983705-17983761	exon=> In CDS Exon 3 of transcript AGAP011149-PA
JHU_Ag_7674	IRVESLLVSPISK	AGAP011149-PA	-	37	0.000127395	1	1440.885	4.7	Malpighian tubule	3L:+:17983045-17983083	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_22493	ALVQGFFMQVAHLER	AGAP011149-PA	M8(Oxidation)	42	0.000927113	1	1761.918	4.04	Ovary	3L:+:17984005-17984031,17984106-17984123	exon=> In CDS Exon 4 and 5 of transcript AGAP011149-PA
JHU_Ag_26332	TLATDLLMGVLK	AGAP011149-PA	M8(Oxidation)	87	1.09E-08	2	1274.740	0.79	Ovary	3L:+:17982490-17982525	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_33427	IRVESLLVSPISK	AGAP011149-PA	-	44	2.80E-05	1	1440.880	0.73	Salivary gland	3L:+:17983045-17983083	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_35816	IRVESLLVSPISK	AGAP011149-PA	-	50	5.96E-06	1	1440.881	1.41	Ovary	3L:+:17983045-17983083	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_37998	FQQYFDNAPLMNVPGR	AGAP011149-PA	M11(Oxidation)	73	8.17E-07	2	1912.905	1.94	Salivary gland	3L:+:17982592-17982639	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_80860	TLATDLLMGVLK	AGAP011149-PA	M8(Oxidation)	59	8.58E-06	2	1290.739	3.77	Head	3L:+:17982490-17982525	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_83935	SNLGTVVLQLK	AGAP011149-PA	-	82	2.83E-08	2	1171.705	0.49	Salivary gland	3L:+:17983207-17983216,17983298-17983320	exon=> In CDS Exon 1 and 2 of transcript AGAP011149-PA

JHU_Ag_85354	SNLGTVVLQLKK	AGAP011149-PA	-	41	0.000129255	1	1299.802	2.03	Malpighian tubule	3L:+:17983207-17983216,17983298-17983323	exon=> In CDS Exon 1 and 2 of transcript AGAP011149-PA
JHU_Ag_92059	ALVQGFFMQVAHLER	AGAP011149-PA	M8(Oxidation)	54	6.15E-05	1	1761.910	-0.53	Salivary gland	3L:+:17984005-17984031,17984106-17984123	exon=> In CDS Exon 4 and 5 of transcript AGAP011149-PA
JHU_Ag_99536	FAHVDGDHLTLLNVYHAFK	AGAP011149-PA	-	106	2.71E-10	1	2197.134	6.73	Malpighian tubule	3L:+:17983705-17983761	exon=> In CDS Exon 3 of transcript AGAP011149-PA
JHU_Ag_102005	EIDNLGPDVGELK	AGAP011149-PA	-	66	3.06E-06	2	1398.711	-0.05	Salivary gland	3L:+:17982808-17982846	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_110555	EIDNLGPDVGELK	AGAP011149-PA	-	43	0.0006159	2	1398.717	4.31	Ovary	3L:+:17982808-17982846	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_117285	TLATDLLMGVLK	AGAP011149-PA	M8(Oxidation)	64	2.49E-06	1	1290.737	2.64	Malpighian tubule	3L:+:17982490-17982525	exon=> In CDS Exon 1 of transcript AGAP011149-PA
JHU_Ag_959	FNPNLHEALFQQEVANVEPNTVVVVSK	AGAP011150-PA	-	61	8.37E-06	1	3022.568	1.68	Midgut	3L:-:17985268-17985188	exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_3977	HGLETVNPMNEKFNPNLHEALFQQEVANVEPNTVVVVSK	AGAP011150-PA	M9(Oxidation)	92	3.15E-09	1	4388.216	4.17	Malpighian tubule	3L:-:17985304-17985188	exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_8384	FNPNLHEALFQQEVANVEPNTVVVVSK	AGAP011150-PA	-	86	2.50E-08	1	3022.566	0.83	Malpighian tubule	3L:-:17985268-17985188	exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_101503	FNPNLHEALFQQEVANVEPNTVVVVSK	AGAP011150-PA	-	97	2.13E-09	1	3022.560	-1.05	Head	3L:-:17985268-17985188	exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_102772	FNPNLHEALFQQEVANVEPNTVVVVSK	AGAP011150-PA	-	172	6.27E-17	1	3022.568	1.55	Ovary	3L:-:17985268-17985188	exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_108682	FNPNLHEALFQQEVANVEPNTVVVVSK	AGAP011150-PA	-	128	1.32E-12	1	3022.572	2.83	Visceras	3L:-:17985268-17985188	exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_8044	VTAHDVLLIVGR	AGAP011156-PA	-	82	1.09E-08	1	1292.769	0.31	Ovary	3L:+:18100507-18100542	exon=> In CDS Exon 4 of transcript AGAP011156-PA
JHU_Ag_8064	EQVPATTPSGAAGNTGR	AGAP011156-PA	-	39	0.002006545	2	1613.789	0.69	Ovary	3L:+:18102808-18102858	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_15113	EQVPATTPSGAAGNTGR	AGAP011156-PA	-	50	0.000152938	2	1613.799	6.67	Malpighian tubule	3L:+:18102808-18102858	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_20924	SAILNPVLPNFMQR	AGAP011156-PA	M12(Oxidation)	68	1.45E-06	1	1599.870	1.73	Ovary	3L:+:18099923-18099964	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_37480	YAVEILYSLLR	AGAP011156-PA	-	55	1.21E-05	2	1339.769	5.07	Ovary	3L:+:18099854-18099886	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_38102	SFLAIAPEQICR	AGAP011156-PA	C11(Carbamidomethyl)	39	0.001814016	2	1404.742	8.55	Malpighian tubule	3L:+:18102319-18102354	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_39831	QVGEVAPLILSEVYR	AGAP011156-PA	-	55	1.86E-05	1	1672.933	3.75	Ovary	3L:+:18099767-18099811	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_40105	ILSQNPFCLLPLQDR	AGAP011156-PA	C8(Carbamidomethyl)	83	5.03E-08	1	1813.970	4.07	Ovary	3L:+:18102055-18102099	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_44219	FVDDEDEQGVEFTIR	AGAP011156-PA	-	90	1.10E-08	1	1798.816	1.53	Ovary	3L:+:18100462-18100506	exon=> In CDS Exon 4 of transcript AGAP011156-PA
JHU_Ag_49044	KYAVEILYSLLR	AGAP011156-PA	-	87	5.44E-09	1	1467.867	6.71	Ovary	3L:+:18099851-18099886	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_52434	LVITIITK	AGAP011156-PA	-	38	1.32E-05	2	900.612	-0.71	Ovary	3L:+:18102451-18102474	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_53365	TPMVWVDTPVLVK	AGAP011156-PA	M3(Oxidation)	66	2.56E-06	1	1500.814	0.5	Ovary	3L:+:18102883-18102921	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_56983	SAILNPVLPNFMQR	AGAP011156-PA	M12(Oxidation)	61	7.93E-06	1	1599.875	4.78	Malpighian tubule	3L:+:18099923-18099964	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_59733	VGNLLGDSVDLLLK	AGAP011156-PA	-	107	7.21E-11	1	1455.848	4.39	Ovary	3L:+:18102475-18102516	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_66648	SFLAIAPEQICR	AGAP011156-PA	C11(Carbamidomethyl)	49	0.000225568	2	1404.731	0.73	Ovary	3L:+:18102319-18102354	exon=> In CDS Exon 6 of transcript AGAP011156-PA

JHU_Ag_68396	VITVTMTVFQK	AGAP011156-PA	-	50	5.09E-05	2	1266.716	2.71	Ovary	3L:+:18101974-18102006	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_70967	LIEGLTAPNGPHSSFQLK	AGAP011156-PA	-	89	1.06E-08	1	1909.016	-0.83	Ovary	3L:+:18099965-18100018	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_83423	AIYGFCSNLK	AGAP011156-PA	C6(Carbamidomethyl)	31	0.008209295	1	1172.577	-0.26	Ovary	3L:+:18100988-18101017	exon=> In CDS Exon 5 of transcript AGAP011156-PA
JHU_Ag_86108	FIESFSQHENFR	AGAP011156-PA	-	100	1.22E-09	1	1540.719	0.85	Ovary	3L:+:18103284-18103319	exon=> In CDS Exon 7 of transcript AGAP011156-PA
JHU_Ag_88264	LLLHELASLR	AGAP011156-PA	-	73	7.33E-08	1	1164.716	5.18	Ovary	3L:+:18102931-18102960	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_88345	HSAVAEVDR	AGAP011156-PA	-	54	3.59E-05	1	983.493	2.73	Malpighian tubule	3L:+:18100591-18100617	exon=> In CDS Exon 4 of transcript AGAP011156-PA
JHU_Ag_90900	IDETEKNILQTFNIPSM	AGAP011156-PA	M17(Oxidation)	70	2.03E-06	2	2008.989	-0.18	Ovary	3L:+:18103335-18103385	exon=> In CDS Exon 7 of transcript AGAP011156-PA
JHU_Ag_91743	SINTNIETR	AGAP011156-PA	-	42	0.001130228	2	1047.548	4.37	Malpighian tubule	3L:+:18099887-18099913	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_96281	YSQAPLSDAMIESAFPSAVHCILR	AGAP011156-PA	M10(Oxidation), C21(Carbamidomethyl),C21(Carbamidomethyl)	65	6.15E-06	1	2679.294	1.13	Ovary	3L:+:18102202-18102273	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_98641	MLMESQASPYLLGR	AGAP011156-PA	-	65	4.87E-06	1	1595.791	-0.95	Ovary	3L:+:18100744-18100785	exon=> In CDS Exon 4 of transcript AGAP011156-PA
JHU_Ag_102327	ILSQNPFCLLPLQDR	AGAP011156-PA	C8(Carbamidomethyl)	37	0.002016734	2	1813.973	5.35	Larva	3L:+:18102055-18102099	exon=> In CDS Exon 6 of transcript AGAP011156-PA
JHU_Ag_107312	DMIVESPASFDMGQYLALIK	AGAP011156-PA	M12(Oxidation)	48	0.000278941	2	2244.091	-0.75	Ovary	3L:+:18100684-18100743	exon=> In CDS Exon 4 of transcript AGAP011156-PA
JHU_Ag_114987	QPFMEQIVNVTVDSLSMDKPIVLR	AGAP011156-PA	M4(Oxidation), M17(Oxidation)	44	0.000414122	1	2791.451	4.84	Ovary	3L:+:18100831-18100902	exon=> In CDS Exon 4 of transcript AGAP011156-PA
JHU_Ag_117403	IFTAANQYSVTAR	AGAP011156-PA	-	90	1.26E-08	2	1441.747	2.37	Ovary	3L:+:18099812-18099850	exon=> In CDS Exon 3 of transcript AGAP011156-PA
JHU_Ag_6191	FTEDSMSFTGVGKPEGK	AGAP011157-PA	M6(Oxidation)	122	7.12E-12	1	1832.836	-0.81	Ovary	3L:-:18106029-18105979	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_6980	INPDKVASK	AGAP011157-PA	-	48	0.000165752	1	971.553	0.73	Malpighian tubule	3L:-:18105945-18105919	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_11871	KYELNVEFFSK	AGAP011157-PA	-	99	2.05E-09	2	1403.725	3.16	Malpighian tubule	3L:-:18105978-18105946	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_15254	KYELNVEFFSK	AGAP011157-PA	-	89	2.29E-08	1	1403.721	0.03	Male reproductive organs	3L:-:18105978-18105946	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_19750	CIEFVIAK	AGAP011157-PA	C1(Carbamidomethyl)	52	7.30E-05	1	979.530	1.95	Ovary	3L:-:18105906-18105883	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_27766	SDVLFLTLNVECSDPVYK	AGAP011157-PA	C12(Carbamidomethyl)	73	8.60E-07	2	2099.040	1.42	Midgut	3L:-:18106300-18106331,18105765-18106030	exon=> In CDS Exon 3 and 2 of transcript AGAP011157-PA
JHU_Ag_35790	KYELNVEFFSK	AGAP011157-PA	-	45	0.000615384	2	1403.718	-1.71	Midgut	3L:-:18105978-18105946	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_44068	YELNVEFFSK	AGAP011157-PA	-	81	1.32E-07	1	1275.627	0.7	Ovary	3L:-:18105975-18105946	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_47890	KYELNVEFFSK	AGAP011157-PA	-	93	8.57E-09	1	1403.723	1.5	Ovary	3L:-:18105978-18105946	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_57940	INPDK	AGAP011157-PA	-	34	0.001304075	1	586.319	-0.65	Male reproductive organs	3L:-:18105945-18105931	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_58041	RCIEFVIAK	AGAP011157-PA	C2(Carbamidomethyl)	43	0.000420164	2	1135.633	3.04	Ovary	3L:-:18105909-18105883	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_60167	FTEDSMSFTGVGKPEGK	AGAP011157-PA	M6(Oxidation)	98	1.99E-09	1	1832.840	1.73	Head	3L:-:18106029-18105979	exon=> In CDS Exon 3 of transcript AGAP011157-PA

JHU_Ag_64045	SDVLFLTLNVECSDPVYK	AGAP011157-PA	C12(Carbamidomethyl)	102	1.03E-09	2	2099.039	1.3	Head	3L:-:18106300-18106331,18105765-18106030	exon=> In CDS Exon 3 and 2 of transcript AGAP011157-PA
JHU_Ag_65896	AEPQETYWPR	AGAP011157-PA	-	43	0.000717091	1	1276.599	2.51	Malpighian tubule	3L:-:18105882-18105853	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_75351	KYELNVEFFSK	AGAP011157-PA	-	85	5.17E-08	2	1403.724	2.72	Head	3L:-:18105978-18105946	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_76299	FTEDSMSFTGVGKPEGK	AGAP011157-PA	M6(Oxidation)	83	6.30E-08	1	1832.848	5.73	Malpighian tubule	3L:-:18106029-18105979	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_82274	CIEFVIAK	AGAP011157-PA	C1(Carbamidomethyl)	52	7.23E-05	2	979.528	-0.48	Male reproductive organs	3L:-:18105906-18105883	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_84300	FTEDSMSFTGVGKPEGK	AGAP011157-PA	M6(Oxidation)	116	2.60E-11	1	1816.840	-1.25	Midgut	3L:-:18106029-18105979	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_88180	CIEFVIAKAEPQETYWPR	AGAP011157-PA	C1(Carbamidomethyl)	84	5.61E-08	1	2237.112	2.46	Malpighian tubule	3L:-:18105906-18105853	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_91917	AEPQETYWPR	AGAP011157-PA	-	56	3.56E-05	2	1276.596	0.02	Male reproductive organs	3L:-:18105882-18105853	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_94613	AEPQETYWPR	AGAP011157-PA	-	51	0.000121821	1	1276.595	-0.74	Ovary	3L:-:18105882-18105853	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_98034	AEPQETYWPR	AGAP011157-PA	-	65	4.42E-06	1	1276.596	0.12	Visceras	3L:-:18105882-18105853	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_98920	FTEDSMSFTGVGKPEGK	AGAP011157-PA	-	94	4.56E-09	1	1816.842	0.05	Salivary gland	3L:-:18106029-18105979	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_102187	SDVLFLTLNVECSDPVYK	AGAP011157-PA	C12(Carbamidomethyl)	138	2.86E-13	1	2099.040	1.42	Ovary	3L:-:18106300-18106331,18105765-18106030	exon=> In CDS Exon 3 and 2 of transcript AGAP011157-PA
JHU_Ag_103083	AEPQETYWPR	AGAP011157-PA	-	48	0.000200916	2	1276.598	2.03	Head	3L:-:18105882-18105853	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_103791	FTEDSMSFTGVGKPEGK	AGAP011157-PA	M6(Oxidation)	96	3.21E-09	1	1832.837	-0.27	Male reproductive organs	3L:-:18106029-18105979	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_106660	AEPQETYWPR	AGAP011157-PA	-	43	0.000687271	2	1276.598	1.65	Midgut	3L:-:18105882-18105853	exon=> In CDS Exon 3 of transcript AGAP011157-PA
JHU_Ag_3169	TITIGSAGK	AGAP011158-PA	-	36	0.001626784	2	847.488	-0.88	Malpighian tubule	3L:+:18110202-18110228	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_5666	LVQALSR	AGAP011158-PA	-	42	0.000974735	2	786.483	0.01	Ovary	3L:+:18109639-18109659	exon=> In CDS Exon 2 of transcript AGAP011158-PA
JHU_Ag_7843	NLQMVHQNCVYTCATPIQEAIAVGFEK	AGAP011158-PA	M4(Oxidation), C9(Carbamidomethyl), C13(Carbamidomethyl)	68	2.04E-06	1	3137.499	4.21	Malpighian tubule	3L:+:18110289-18110369	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_9821	TISSEDWKLDPLELAK	AGAP011158-PA	-	49	0.000154733	1	1844.973	4.99	Ovary	3L:+:18109947-18109994	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_9886	TVGLQGIPPSAFYNDEHKPLGEDYVR	AGAP011158-PA	-	58	2.22E-05	1	2902.434	-0.93	Head	3L:+:18110601-18110678	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_12875	MIIVNTPHNPLGK	AGAP011158-PA	M1(Oxidation)	87	2.02E-08	1	1449.790	0.9	Malpighian tubule	3L:+:18110016-18110054	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_14691	TVGLQGIPPSAFYNDEHKPLGEDYVR	AGAP011158-PA	-	42	0.00076402	1	2902.450	4.47	Midgut	3L:+:18110601-18110678	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_16501	TVGLQGIPPSAFYNDEHKPLGEDYVR	AGAP011158-PA	-	53	6.92E-05	1	2902.444	2.29	Ovary	3L:+:18110601-18110678	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_18981	VDLSQETDAQR	AGAP011158-PA	-	62	9.94E-06	1	1261.602	0.41	Midgut	3L:+:18110538-18110570	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_24921	FIPLVPTVTGR	AGAP011158-PA	-	29	0.006742287	1	1199.716	1.15	Midgut	3L:+:18109846-18109863,18109932-18109946	exon=> In CDS Exon 2 and 3 of transcript AGAP011158-PA
JHU_Ag_25102	AANILSEWKNR	AGAP011158-PA	-	81	1.32E-07	1	1301.697	1.01	Malpighian tubule	3L:+:18110715-18110747	exon=> In CDS Exon 3 of transcript AGAP011158-PA

JHU_Ag_25890	YALDALASAANSPDPLANQYTR	AGAP011158-PA	-	111	1.21E-10	2	2322.138	0.69	Midgut	3L:+:18109555-18109620	exon=> In CDS Exon 2 of transcript AGAP011158-PA
JHU_Ag_28666	MIIVNTPHNPLGK	AGAP011158-PA	M1(Oxidation)	36	0.002337823	1	1449.787	-0.81	Ovary	3L:+:18110016-18110054	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_30007	YALDALASAANSPDPLANQYTR	AGAP011158-PA	-	67	3.06E-06	1	2322.140	1.53	Visceras	3L:+:18109555-18109620	exon=> In CDS Exon 2 of transcript AGAP011158-PA
JHU_Ag_42708	LDPLELAK	AGAP011158-PA	-	45	0.000141081	1	898.525	0.2	Malpighian tubule	3L:+:18109971-18109994	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_47614	ICTLPDMWER	AGAP011158-PA	C2(Carbamidomethyl)	37	0.002758314	2	1320.608	0.2	Midgut	3L:+:18110172-18110201	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_49257	LVQALSR	AGAP011158-PA	-	50	0.000166681	2	786.484	0.48	Malpighian tubule	3L:+:18109639-18109659	exon=> In CDS Exon 2 of transcript AGAP011158-PA
JHU_Ag_49992	MIIVNTPHNPLGK	AGAP011158-PA	-	51	6.83E-05	2	1433.794	0.75	Head	3L:+:18110016-18110054	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_51066	YALDALASAANSPDPLANQYTR	AGAP011158-PA	-	148	2.57E-14	1	2322.138	1	Malpighian tubule	3L:+:18109555-18109620	exon=> In CDS Exon 2 of transcript AGAP011158-PA
JHU_Ag_51426	FIPLVPTVTGR	AGAP011158-PA	-	40	0.000489561	1	1199.715	0.03	Malpighian tubule	3L:+:18109846-18109863,18109932-18109946	exon=> In CDS Exon 2 and 3 of transcript AGAP011158-PA
JHU_Ag_56881	TVGLQGIPPSAFYNDEHKPLGEDYVR	AGAP011158-PA	-	82	8.88E-08	1	2902.434	-1.08	Malpighian tubule	3L:+:18110601-18110678	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_60690	SVWVEYIQLALQYKPLNLGQGFPDYHAPK	AGAP011158-PA	-	71	4.04E-07	1	3374.768	3.3	Ovary	3L:+:18109382-18109389,18109476-18109554	exon=> In CDS Exon 1 and 2 of transcript AGAP011158-PA
JHU_Ag_73768	AANILSEWK	AGAP011158-PA	-	48	0.00025019	2	1031.555	3.29	Ovary	3L:+:18110715-18110741	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_82863	TFSLTGWK	AGAP011158-PA	-	32	0.005892225	1	939.494	0.62	Malpighian tubule	3L:+:18110229-18110252	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_92451	YALDALASAANSPDPLANQYTR	AGAP011158-PA	-	90	1.64E-08	1	2322.144	3.52	Ovary	3L:+:18109555-18109620	exon=> In CDS Exon 2 of transcript AGAP011158-PA
JHU_Ag_93915	TFSLTGWK	AGAP011158-PA	-	49	0.000106609	2	939.493	-0.16	Midgut	3L:+:18110229-18110252	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_94806	FLEDIGMHPTIPQGGYFMVADWSK	AGAP011158-PA	M7(Oxidation), M18(Oxidation)	84	5.20E-08	1	2771.286	0.55	Midgut	3L:+:18110454-18110525	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_98010	ELNQLSSPECYFNSISTELIAK	AGAP011158-PA	C10(Carbamidomethyl)	115	5.66E-11	1	2543.234	0.18	Malpighian tubule	3L:+:18110370-18110435	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_100493	MIIVNTPHNPLGK	AGAP011158-PA	M1(Oxidation)	81	6.11E-08	1	1433.793	-0.52	Midgut	3L:+:18110016-18110054	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_100759	ICTLPDMWER	AGAP011158-PA	C2(Carbamidomethyl)	39	0.001704411	2	1320.610	1.86	Malpighian tubule	3L:+:18110172-18110201	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_101134	LADKVDLSQETDAQR	AGAP011158-PA	-	89	2.32E-08	1	1688.842	-2.05	Midgut	3L:+:18110526-18110570	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_101247	TFSLTGWK	AGAP011158-PA	-	39	0.001151541	2	939.494	0.75	Ovary	3L:+:18110229-18110252	exon=> In CDS Exon 3 of transcript AGAP011158-PA
JHU_Ag_111091	YALDALASAANSPDPLANQYTR	AGAP011158-PA	-	78	2.47E-07	1	2322.139	1.32	Head	3L:+:18109555-18109620	exon=> In CDS Exon 2 of transcript AGAP011158-PA
JHU_Ag_7423	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	89	1.64E-08	1	2015.931	3.19	Visceras	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_8311	RYEAYFNRPEIDGWEAR	AGAP011159-PA	-	97	2.77E-09	1	2172.041	6.99	Ovary	3L:-:18112169-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_10217	TNEIYPYLLQEIRPTLTELGIDTPEELGYDQPELALK	AGAP011159-PA	-	197	1.29E-19	1	4275.203	1.68	Ovary	3L:-:18111974-18111864	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_11299	SVYDMH	AGAP011159-PA	M5(Oxidation)	30	0.00139345	1	767.302	-0.6	Midgut	3L:-:18111863-18111846	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_13839	LNDYALAVR	AGAP011159-PA	-	75	3.57E-07	2	1034.563	-0.4	Male reproductive organs	3L:-:18112037-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA

JHU_Ag_17177	KAMNDLLGMDLVPEPK	AGAP011159-PA	M3(Oxidation), M9(Oxidation)	60	1.81E-05	1	1802.895	-4.3	Male reproductive organs	3L:-:18112118-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_19579	IIVSALK	AGAP011159-PA	-	56	5.70E-06	2	743.501	-2.44	Head	3L:-:18112070-18112050	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_20020	LNDYALAVR	AGAP011159-PA	N2(Deamidated)	79	1.60E-07	2	1034.564	0.54	Visceras	3L:-:18112037-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_20182	KAMNDLLGMDLVPEPK	AGAP011159-PA	M3(Oxidation),"M3(Oxidation), M9(Oxidation)",M9(Oxidation)	136	3.98E-13	1	1770.910	-1.91	Midgut	3L:-:18112118-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_21733	LNDYALAVRFLEGVK	AGAP011159-PA	-	45	0.000158961	1	1707.941	-1.25	Visceras	3L:-:18112037-18111993	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_22304	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	90	1.19E-08	1	2015.929	2.26	Ovary	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_25353	RYEAYFNRPEIDGWEAR	AGAP011159-PA	-	87	3.23E-08	1	2172.034	3.7	Malpighian tubule	3L:-:18112169-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_25470	KAMNDLLGMDLVPEPK	AGAP011159-PA	M3(Oxidation), M9(Oxidation)	62	1.01E-05	1	1770.913	0.19	Salivary gland	3L:-:18112118-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_28945	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	93	6.19E-09	1	2015.930	2.47	Malpighian tubule	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_29099	RLNDYALAVR	AGAP011159-PA	-	38	0.001279 66	2	1190.665	0.54	Pupa	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_30002	KAMNDLLGMDLVPEPK	AGAP011159-PA	M3(Oxidation), M9(Oxidation)	88	3.08E-08	1	1802.906	1.87	Head	3L:-:18112118-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_34653	IIVSALK	AGAP011159-PA	-	42	0.000216287	2	743.504	1.59	Malpighian tubule	3L:-:18112070-18112050	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_36193	FLEGVKDK	AGAP011159-PA	-	55	2.85E-05	2	935.520	0.45	Visceras	3L:-:18112010-18111987	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_36514	KAMNDLLGMDLVPEPK	AGAP011159-PA	M3(Oxidation),"M3(Oxidation), M9(Oxidation)",M9(Oxidation)	121	1.13E-11	1	1770.918	3.06	Visceras	3L:-:18112118-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_37823	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	82	8.41E-08	1	2015.923	-0.62	Head	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_39998	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	61	9.75E-06	1	2015.927	1.01	Salivary gland	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_40835	RLNDYALAVR	AGAP011159-PA	-	48	0.000159268	1	1190.663	-1.21	Salivary gland	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_41670	IIVSALK	AGAP011159-PA	-	53	2.03E-05	2	743.504	1.42	Visceras	3L:-:18112070-18112050	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_43629	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	65	3.73E-06	1	2015.929	2.08	Larva	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_44578	RYEAYFNRPEIDGWEAR	AGAP011159-PA	-	100	1.50E-09	1	2172.030	2.01	Visceras	3L:-:18112169-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_44723	TNEIYPYLLQEIRPTLTELGIDTPEELGYDQPELALK	AGAP011159-PA	-	128	7.83E-13	1	4275.215	4.42	Visceras	3L:-:18111974-18111864	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_49526	AMNDLLGMDLVPEPK	AGAP011159-PA	M2(Oxidation),M8(Oxidation),"M2(Oxidation), M8(Oxidation)",N3(Deamidated)	103	7.15E-10	2	1658.811	-1.11	Midgut	3L:-:18112115-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_51457	RYEAYFNRPEIDGWEAR	AGAP011159-PA	-	77	2.84E-07	1	2172.037	5.27	Midgut	3L:-:18112169-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_51731	IIVSALKACR	AGAP011159-PA	C9(Carbamidomethyl)	30	0.004219029	2	1130.673	0.93	Visceras	3L:-:18112070-18112041	exon=> In CDS Exon 1 of transcript AGAP011159-PA

JHU_Ag_52446	YEAYFNRPEIDGWEARK	AGAP011159-PA	-	69	1.83E-06	1	2144.019	-0.19	Visceras	3L:-:18112166-18112116	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_53164	FLEGVKDK	AGAP011159-PA	-	54	3.56E-05	2	935.521	1.75	Malpighian tubule	3L:-:18112010-18111987	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_53741	RLNDYALAVR	AGAP011159-PA	-	53	4.13E-05	1	1190.665	0.54	Ovary	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_59966	IIVSALK	AGAP011159-PA	-	37	0.000691881	2	743.504	2.08	Ovary	3L:-:18112070-18112050	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_60710	AMNDLLGMDLVPEPK	AGAP011159-PA	M2(Oxidation), M8(Oxidation),M8(Oxidation)	87	3.53E-08	1	1674.814	3.54	Visceras	3L:-:18112115-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_61974	LNDYALAVR	AGAP011159-PA	-	70	1.27E-06	2	1034.561	-2.05	Ovary	3L:-:18112037-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_64018	TNEIYPYLLQEIRPTLTELGIDTPEELGYDQPELALK	AGAP011159-PA	-	52	4.59E-05	1	4275.195	-0.29	Head	3L:-:18111974-18111864	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_65998	TNEIYPYLLQEIRPTLTELGIDTPEELGYDQPELALK	AGAP011159-PA	-	58	1.12E-05	1	4275.194	-0.38	Midgut	3L:-:18111974-18111864	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_69912	LNDYALAVR	AGAP011159-PA	-	66	3.00E-06	2	1034.564	1.25	Pupa	3L:-:18112037-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_72098	LNDYALAVR	AGAP011159-PA	-	73	6.51E-07	2	1034.560	-2.64	Midgut	3L:-:18112037-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_78824	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	95	3.84E-09	1	2015.921	-1.71	Midgut	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_79250	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	77	2.75E-07	1	2015.925	0.19	Male reproductive organs	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_80516	LNDYALAVR	AGAP011159-PA	N2(Deamidated)	75	3.73E-07	2	1034.564	1.37	Malpighian tubule	3L:-:18112037-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_81173	AMNDLLGMDLVPEPK	AGAP011159-PA	M2(Oxidation), M8(Oxidation)	94	5.29E-09	1	1674.807	-0.61	Ovary	3L:-:18112115-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_82270	AMNDLLGMDLVPEPK	AGAP011159-PA	M2(Oxidation),"M2(Oxidation), M8(Oxidation)",M8(Oxidation)	100	1.68E-09	1	1642.825	4.11	Malpighian tubule	3L:-:18112115-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_88375	KAMNDLLGMDLVPEPK	AGAP011159-PA	M3(Oxidation),"M3(Oxidation), M9(Oxidation)",M9(Oxidation)	114	5.37E-11	1	1770.919	3.12	Malpighian tubule	3L:-:18112118-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_88802	RYEAYFNRPEIDGWEAR	AGAP011159-PA	-	79	1.68E-07	1	2172.029	1.26	Head	3L:-:18112169-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_94375	RLNDYALAVR	AGAP011159-PA	N3(Deamidated)	51	7.85E-05	2	1190.662	-2.13	Head	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_94905	RLNDYALAVR	AGAP011159-PA	N3(Deamidated)	70	9.67E-07	1	1190.661	-2.95	Midgut	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_95428	FLEGVK	AGAP011159-PA	-	28	0.006315226	1	692.397	-1.71	Head	3L:-:18112010-18111993	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_95737	YEAYFNRPEIDGWEARK	AGAP011159-PA	-	80	1.59E-07	1	2144.016	-1.72	Midgut	3L:-:18112166-18112116	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_96100	RLNDYALAVR	AGAP011159-PA	-	51	5.86E-05	1	1190.664	0.33	Male reproductive organs	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_97395	LNDYALAVR	AGAP011159-PA	-	70	1.30E-06	2	1034.561	-1.46	Head	3L:-:18112037-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_98139	RLNDYALAVR	AGAP011159-PA	N3(Deamidated)	61	1.04E-05	1	1191.648	-0.08	Visceras	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_104476	RLNDYALAVR	AGAP011159-PA	-	61	6.33E-06	1	1190.668	2.89	Malpighian tubule	3L:-:18112040-18112011	exon=> In CDS Exon 1 of transcript AGAP011159-PA

JHU_Ag_108989	AMNDLLGMDLVPEPK	AGAP011159-PA	M2(Oxidation),"M2(Oxidation), M8(Oxidation)",M8(Oxidation)	98	2.62E-09	2	1674.810	1.5	Head	3L:-:18112115-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_112062	KAMNDLLGMDLVPEPK	AGAP011159-PA	M3(Oxidation), M9(Oxidation)	75	5.34E-07	1	1802.904	0.48	Ovary	3L:-:18112118-18112071	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_113129	TNEIYPYLLQEIRPTLTELGIDTPEELGYDQPELALK	AGAP011159-PA	-	62	2.61E-06	1	4275.218	5.02	Malpighian tubule	3L:-:18111974-18111864	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_115373	YEAYFNRPEIDGWEAR	AGAP011159-PA	-	77	2.56E-07	1	2015.923	-1.07	Pupa	3L:-:18112166-18112119	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_117468	IIVSALKACR	AGAP011159-PA	C9(Carbamidomethyl)	78	4.79E-08	1	1130.674	2.22	Malpighian tubule	3L:-:18112070-18112041	exon=> In CDS Exon 1 of transcript AGAP011159-PA
JHU_Ag_436	TSRPNTAVIYENNEKFEIGK	AGAP011161-PA	-	119	1.65E-11	1	2310.169	-1.62	Midgut	3L:+:18117936-18117986,18118059-18118067	exon=> In CDS Exon 2 and 3 of transcript AGAP011161-PA
JHU_Ag_975	LAYGTALAK	AGAP011161-PA	-	65	1.70E-06	1	907.525	0.25	Visceras	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_1855	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	82	1.89E-08	1	1912.079	-0.14	Midgut	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_2456	LRIDSINATQASK	AGAP011161-PA	-	44	0.000353824	2	1416.781	0.25	Pupa	3L:+:18115208-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_3123	TVAFVSTFATFFTR	AGAP011161-PA	-	117	2.29E-11	2	1594.836	6.04	Malpighian tubule	3L:+:18117666-18117707	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_3631	VSIKGVELATPPAYQK	AGAP011161-PA	-	79	5.59E-08	2	1700.961	1.62	Malpighian tubule	3L:+:18117408-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_4697	NPGPIALAPPSPQK	AGAP011161-PA	-	80	8.58E-08	1	1386.777	2.32	Head	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_5617	LNNLCVIFDVNR	AGAP011161-PA	C5(Carbamidomethyl)	65	4.54E-06	2	1476.765	1.27	Salivary gland	3L:+:18117030-18117065	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_5786	LRIDSINATQASK	AGAP011161-PA	-	63	4.22E-06	1	1416.781	0.51	Male reproductive organs	3L:+:18115208-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_5979	GVELATPPAYQK	AGAP011161-PA	-	80	1.91E-07	1	1273.681	1.94	Larva	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_6050	VVVVEDHYK	AGAP011161-PA	-	41	0.001543303	1	1087.579	0.69	Salivary gland	3L:+:18118260-18118285,18118373-18118373	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA
JHU_Ag_6370	HFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	69	1.34E-06	1	3221.617	1.19	Visceras	3L:+:18117255-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_7281	NPGPIALAPPSPQKESAPK	AGAP011161-PA	-	41	0.000658115	1	1899.036	1.22	Ovary	3L:+:18117351-18117407	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_7593	DPSSDRFILSK	AGAP011161-PA	-	39	0.001844393	1	1264.653	0	Midgut	3L:+:18116700-18116732	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_7892	TVAFVSTFATFFTR	AGAP011161-PA	-	117	2.36E-11	2	1594.830	2.21	Ovary	3L:+:18117666-18117707	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_8618	AVEMAANTPGVCFIR	AGAP011161-PA	M4(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	76	4.52E-07	1	1651.800	4.19	Head	3L:+:18117891-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_9291	NPGPIALAPPSPQK	AGAP011161-PA	-	74	3.42E-07	1	1386.775	0.56	Salivary gland	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_9610	AFDQIR	AGAP011161-PA	-	41	0.001294184	2	749.394	-0.26	Male reproductive organs	3L:+:18117708-18117725	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_9898	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	105	3.69E-10	1	1910.006	2.35	Malpighian tubule	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_10124	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	133	8.06E-13	1	1662.851	-0.79	Midgut	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA

JHU_Ag_11774	LNNLCVIFDVNR	AGAP011161-PA	C5(Carbamidomethyl)	85	4.58E-08	2	1476.763	0.19	Midgut	3L:+:18117030-18117065	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_11851	LNNLCVIFDVNR	AGAP011161-PA	C5(Carbamidomethyl)	91	1.16E-08	2	1476.764	0.77	Ovary	3L:+:18117030-18117065	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_12100	AVEMAANTPGVCFIR	AGAP011161-PA	M4(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	87	3.61E-08	2	1635.800	1.35	Salivary gland	3L:+:18117891-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_12277	TIQELKDIAHK	AGAP011161-PA	-	72	2.08E-07	1	1295.735	2.28	Malpighian tubule	3L:+:18115175-18115207	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_12692	KIDSDLEGHPTPR	AGAP011161-PA	-	69	1.92E-06	2	1464.743	-0.51	Midgut	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_12860	GVELATPPAYQKGEQVATR	AGAP011161-PA	-	117	2.30E-11	1	2015.060	1.99	Malpighian tubule	3L:+:18117420-18117476	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_13882	AAEELEKSGIHCR	AGAP011161-PA	C12(Carbamidomethyl)	44	0.000548845	3	1499.728	0.84	Malpighian tubule	3L:+:18118146-18118184	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_14331	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	101	1.24E-09	1	1992.949	2.48	Malpighian tubule	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_15514	LGQSEATSLQHQMEVYRK	AGAP011161-PA	M13(Oxidation)	95	5.45E-09	1	2105.045	0.16	Ovary	3L:+:18117066-18117119	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_15538	LGQSEATSLQHQMEVYRK	AGAP011161-PA	M13(Oxidation)	83	7.85E-08	1	2105.051	3.15	Malpighian tubule	3L:+:18117066-18117119	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_15776	VIALDGDTKNSTYSDK	AGAP011161-PA	-	41	0.001117557	1	1726.853	2.16	Malpighian tubule	3L:+:18117525-18117572	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_16780	SVAAAVQEIIK	AGAP011161-PA	-	108	1.27E-10	2	1128.663	0.47	Ovary	3L:+:18118512-18118544	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_17721	SVAAAVQEIIKM	AGAP011161-PA	M12(Oxidation)	79	1.42E-07	2	1275.699	0.88	Salivary gland	3L:+:18118512-18118547	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_17891	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	88	4.20E-09	1	1912.085	3.02	Visceras	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_18611	NSTYSDKLR	AGAP011161-PA	-	41	0.000770256	1	1083.542	-0.72	Midgut	3L:+:18117552-18117578	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_19096	LAYGTALAK	AGAP011161-PA	-	48	9.62E-05	2	907.524	-0.42	Salivary gland	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_19131	LGQSEATSLQHQMEVYR	AGAP011161-PA	Q3(Deamidated), M13(Oxidation),M13(Oxidation)	143	7.46E-14	1	1976.943	-3.22	Midgut	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_19572	SVAAAVQEIIK	AGAP011161-PA	-	74	3.54E-07	2	1128.664	1.44	Head	3L:+:18118512-18118544	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_19660	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	89	2.19E-08	1	1992.946	0.92	Male reproductive organs	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_19787	AVEMAANTPGVCFIR	AGAP011161-PA	C12(Carbamidomethyl)	72	1.04E-06	2	1635.805	4.41	Visceras	3L:+:18117891-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_19912	NPGPIALAPPSPQKESAPK	AGAP011161-PA	-	95	2.22E-09	1	1899.042	4.41	Malpighian tubule	3L:+:18117351-18117407	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_20396	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	79	1.97E-07	2	1880.942	1.46	Head	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_20825	RLDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C21(Carbamidomethyl)	133	7.76E-13	1	2504.225	0.37	Visceras	3L:+:18117120-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_20999	SVAAAVQEIIK	AGAP011161-PA	-	94	3.20E-09	2	1128.663	0.25	Salivary gland	3L:+:18118512-18118544	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_21702	VVVVEDHYK	AGAP011161-PA	-	71	1.46E-06	1	1087.579	0.81	Head	3L:+:18118260-18118285,18118373-18118373	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA

JHU_Ag_22291	VVVVEDHYK	AGAP011161-PA	-	50	0.000148289	2	1087.581	2.38	Larva	3L:+:18118260-18118285,18118373-18118373	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA
JHU_Ag_25667	TSRPNTAVIYENNEK	AGAP011161-PA	-	72	1.01E-06	1	1735.862	0.42	Visceras	3L:+:18117936-18117980	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_26409	SVAAAVQEIIKM	AGAP011161-PA	M12(Oxidation)	58	2.20E-05	2	1275.698	0.02	Midgut	3L:+:18118512-18118547	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_27763	HLGVDKLPR	AGAP011161-PA	-	37	0.001080451	1	1034.612	1.58	Malpighian tubule	3L:+:18118437-18118463	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_28198	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	88	4.07E-09	1	1912.084	2.74	Malpighian tubule	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_28427	SVAAAVQEIIK	AGAP011161-PA	-	84	3.54E-08	2	1128.665	2.41	Malpighian tubule	3L:+:18118512-18118544	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_28720	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	94	6.18E-09	1	1880.946	3.67	Ovary	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_29474	GVELATPPAYQK	AGAP011161-PA	-	77	3.55E-07	1	1273.682	2.7	Malpighian tubule	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_29705	TSRPNTAVIYENNEK	AGAP011161-PA	-	87	3.54E-08	2	1735.865	2.39	Malpighian tubule	3L:+:18117936-18117980	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_30118	HFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	110	9.27E-11	1	3221.618	1.47	Pupa	3L:+:18117255-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_30127	GHAAPILYAAWAEAGLFPVEDLMNLR	AGAP011161-PA	M23(Oxidation)	104	3.74E-10	1	2841.463	8.15	Ovary	3L:+:18116733-18116810	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_30619	QGGLGEAVLSALAEQR	AGAP011161-PA	-	58	1.33E-05	2	1598.850	-0.14	Male reproductive organs	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_31116	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	88	1.91E-08	1	1910.004	0.84	Head	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_31667	VVVVEDHYK	AGAP011161-PA	-	57	3.75E-05	1	1087.577	-0.76	Midgut	3L:+:18118260-18118285,18118373-18118373	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA
JHU_Ag_32507	NLDKADYR	AGAP011161-PA	-	40	0.001599295	2	994.497	1.8	Malpighian tubule	3L:+:18116928-18116951	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_32567	TIQELKDIAHK	AGAP011161-PA	-	68	6.82E-07	1	1295.733	0.68	Ovary	3L:+:18115175-18115207	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_32725	IDSINATQASK	AGAP011161-PA	-	73	1.03E-06	2	1147.597	1.48	Pupa	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_33520	NPGPIALAPPSPQK	AGAP011161-PA	-	79	9.98E-08	1	1386.780	4.35	Ovary	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_33943	LDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C20(Carbamidomethyl)	49	0.000186551	1	2348.129	2.83	Salivary gland	3L:+:18117123-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_34282	TSRPNTAVIYENNEKFEIGK	AGAP011161-PA	-	105	3.78E-10	1	2310.174	0.6	Ovary	3L:+:18117936-18117986,18118059-18118067	exon=> In CDS Exon 2 and 3 of transcript AGAP011161-PA
JHU_Ag_34508	LRIDSINATQASK	AGAP011161-PA	-	84	3.37E-08	2	1416.784	2.14	Malpighian tubule	3L:+:18115208-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_34890	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	134	6.95E-13	1	1646.862	2.64	Visceras	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_36062	VIALDGDTK	AGAP011161-PA	-	55	5.97E-05	1	931.510	0.88	Malpighian tubule	3L:+:18117525-18117551	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_36871	VIALDGDTK	AGAP011161-PA	-	46	0.000580042	1	931.509	-0.17	Pupa	3L:+:18117525-18117551	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_37684	NPGPIALAPPSPQK	AGAP011161-PA	-	82	4.93E-08	1	1386.773	-0.41	Pupa	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_37772	KIDSDLEGHPTPR	AGAP011161-PA	-	88	2.19E-08	2	1464.749	2.99	Head	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA

JHU_Ag_38856	HFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	107	2.34E-10	1	3221.612	-0.14	Midgut	3L:+:18117255-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_40019	LNNLCVIFDVNR	AGAP011161-PA	C5(Carbamidomethyl)	78	2.65E-07	2	1476.766	2.18	Visceras	3L:+:18117030-18117065	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_40261	FIECFIAEQNLVGVAIGAACR	AGAP011161-PA	C4(Carbamidomethyl), C20(Carbamidomethyl)	62	1.08E-05	1	2338.174	2.43	Salivary gland	3L:+:18117597-18117659	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_40283	LAYGTALAK	AGAP011161-PA	-	69	6.77E-07	1	907.526	1.8	Malpighian tubule	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_40401	LNFIDVGTGSLGQGVAVACGMAYVGK	AGAP011161-PA	C19(Carbamidomethyl)	100	1.43E-09	2	2584.315	9.69	Malpighian tubule	3L:+:18116850-18116927	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_40836	FIECFIAEQNLVGVAIGAACR	AGAP011161-PA	C4(Carbamidomethyl), C20(Carbamidomethyl)	45	0.000534384	1	2338.173	2.04	Head	3L:+:18117597-18117659	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_41373	AVEMAANTPGVCFIR	AGAP011161-PA	M4(Oxidation), C12(Carbamidomethyl)	91	1.48E-08	1	1651.797	2.27	Male reproductive organs	3L:+:18117891-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_42050	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	88	4.35E-09	1	1912.089	5.32	Ovary	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_42196	RLDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C21(Carbamidomethyl)	40	0.001364073	1	2504.229	2.12	Midgut	3L:+:18117120-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_42560	LAYGTALAK	AGAP011161-PA	-	41	0.000385985	1	907.528	3.56	Larva	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_42834	YKLSAPR	AGAP011161-PA	-	34	0.00347509	1	834.484	1.34	Malpighian tubule	3L:+:18116679-18116699	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_44703	LAYGTALAK	AGAP011161-PA	-	58	8.25E-06	1	907.529	4.15	Ovary	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_45236	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	82	1.82E-08	1	1912.083	2.07	Head	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_45249	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	82	1.78E-08	1	1912.080	0.44	Salivary gland	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_45268	PTYHKPEAK	AGAP011161-PA	-	39	0.0012853	2	1070.556	-6.88	Male reproductive organs	3L:+:18115148-18115174	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_45489	QGGLGEAVLSALAEQR	AGAP011161-PA	-	93	4.91E-09	2	1598.852	1.7	Salivary gland	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_46031	QIRNPGPIALAPPSPQK	AGAP011161-PA	-	46	6.55E-05	1	1784.020	1.32	Pupa	3L:+:18117342-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_46474	VVVVEDHYK	AGAP011161-PA	-	67	4.06E-06	1	1087.578	0.02	Ovary	3L:+:18118260-18118285,18118373-18118373	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA
JHU_Ag_46740	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	81	1.38E-07	2	1880.940	0.55	Visceras	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_47214	GVELATPPAYQK	AGAP011161-PA	-	57	3.80E-05	1	1273.681	1.61	Midgut	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_48010	NPGPIALAPPSPQK	AGAP011161-PA	-	55	2.65E-05	1	1386.774	0.03	Male reproductive organs	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_48460	SVAAAVQEIIKM	AGAP011161-PA	M12(Oxidation)	93	5.12E-09	1	1275.703	3.94	Malpighian tubule	3L:+:18118512-18118547	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_49369	GKHFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	74	4.09E-07	1	3406.726	-1.08	Midgut	3L:+:18117249-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_49972	TIQELKDIAHK	AGAP011161-PA	-	34	0.001455609	2	1295.734	2	Head	3L:+:18115175-18115207	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_50473	NSTYSDKLR	AGAP011161-PA	-	53	4.11E-05	1	1083.542	-1.17	Ovary	3L:+:18117552-18117578	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_51371	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	87	3.03E-08	2	1880.938	-0.68	Midgut	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_51994	IDSINATQASK	AGAP011161-PA	-	57	3.49E-05	2	1147.599	3.29	Larva	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA

JHU_Ag_52772	IDSINATQASK	AGAP011161-PA	-	81	1.65E-07	1	1147.597	1.27	Head	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_53045	QNANDSVLLIGAGITLYEALK	AGAP011161-PA	-	81	3.71E-08	1	2203.209	5.63	Ovary	3L:+:18118083-18118145	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_53459	GVELATPPAYQK	AGAP011161-PA	-	64	6.96E-06	1	1273.677	-1.22	Ovary	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_53873	IDSDLEGHPTPR	AGAP011161-PA	-	52	0.000106009	3	1336.660	7.79	Midgut	3L:+:18116814-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_53879	KIDSDLEGHPTPR	AGAP011161-PA	-	95	4.32E-09	1	1464.748	2.74	Malpighian tubule	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_55874	IAMNNDRVIALDGDTK	AGAP011161-PA	M3(Oxidation)	103	7.62E-10	1	1745.892	3.78	Malpighian tubule	3L:+:18117504-18117551	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_56055	SGHPTSCASIAEIMSVLFFNTMR	AGAP011161-PA	C7(Carbamidomethyl), M22(Oxidation)	81	1.29E-07	1	2572.210	4.1	Ovary	3L:+:18115247-18115251,18116615-18116678	exon=> In CDS Exon 1 and 2 of transcript AGAP011161-PA
JHU_Ag_57487	IDSDLEGHPTPR	AGAP011161-PA	-	72	1.05E-06	2	1336.651	1.36	Malpighian tubule	3L:+:18116814-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_58994	LAYGTALAK	AGAP011161-PA	-	42	0.000446231	1	907.523	-1.7	Pupa	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_59178	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	103	8.52E-10	1	1992.950	3.04	Larva	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_59523	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	101	8.96E-10	1	1910.005	1.61	Ovary	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_60166	LAYGTALAK	AGAP011161-PA	-	40	0.000532594	2	907.525	0.45	Midgut	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_61787	VIALDGDTK	AGAP011161-PA	-	40	0.001997824	1	931.511	1.86	Larva	3L:+:18117525-18117551	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_61899	IDSDLEGHPTPR	AGAP011161-PA	-	55	5.02E-05	1	1336.649	-0.29	Head	3L:+:18116814-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_62089	GVELATPPAYQK	AGAP011161-PA	-	51	0.000132372	2	1273.679	0.5	Visceras	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_62354	NPGPIALAPPSPQK	AGAP011161-PA	-	68	1.51E-06	1	1386.776	1.09	Visceras	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_62541	IDSINATQASK	AGAP011161-PA	-	88	3.12E-08	2	1147.595	-0.11	Salivary gland	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_63122	QIRNPGPIALAPPSPQK	AGAP011161-PA	-	58	4.06E-06	1	1784.023	2.96	Malpighian tubule	3L:+:18117342-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_63398	AVEMAANTPGVCFIR	AGAP011161-PA	M4(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	108	2.59E-10	1	1651.799	3.31	Ovary	3L:+:18117891-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_63498	LRIDSINATQASK	AGAP011161-PA	-	82	6.33E-08	2	1416.783	1.71	Ovary	3L:+:18115208-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_63853	SVAAAVQEIIKM	AGAP011161-PA	M12(Oxidation)	67	2.18E-06	2	1275.700	1.55	Visceras	3L:+:18118512-18118547	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_63867	RLDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C21(Carbamidomethyl)	129	1.88E-12	1	2504.226	0.81	Ovary	3L:+:18117120-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_64460	KIDSDLEGHPTPR	AGAP011161-PA	-	70	1.45E-06	1	1464.752	5.07	Male reproductive organs	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_65091	GVELATPPAYQKGEQVATR	AGAP011161-PA	-	87	2.53E-08	1	2015.059	1.51	Pupa	3L:+:18117420-18117476	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_65100	SVAAAVQEIIKM	AGAP011161-PA	M12(Oxidation)	88	2.33E-08	2	1275.698	0.21	Ovary	3L:+:18118512-18118547	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_65357	VVVVEDHYK	AGAP011161-PA	-	66	3.83E-06	1	1087.580	2.04	Malpighian tubule	3L:+:18118260-18118285,18118373-18118373	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA

JHU_Ag_65568	TSRPNTAVIYENNEK	AGAP011161-PA	-	76	4.71E-07	1	1735.860	-0.7	Midgut	3L:+:18117936-18117980	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_65616	TVAFVSTFATFFTR	AGAP011161-PA	-	117	2.68E-11	2	1594.826	-0.23	Midgut	3L:+:18117666-18117707	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_65669	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	134	5.92E-13	1	1992.944	-0.03	Visceras	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_65736	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	75	5.24E-07	2	1662.856	2.59	Salivary gland	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_66161	VVVVEDHYK	AGAP011161-PA	-	44	0.000715239	2	1087.579	0.36	Visceras	3L:+:18118260-18118285,18118373-18118373	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA
JHU_Ag_66422	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	43	0.000717993	2	1880.938	-0.68	Male reproductive organs	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_66454	TVAFVSTFATFFTR	AGAP011161-PA	-	83	6.43E-08	2	1594.829	1.6	Visceras	3L:+:18117666-18117707	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_66665	QGGLGEAVLSALAEQR	AGAP011161-PA	-	52	5.63E-05	2	1598.858	5.21	Larva	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_67451	KIDSDLEGHPTPR	AGAP011161-PA	-	90	1.24E-08	1	1464.745	0.66	Ovary	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_68590	SVAAAVQEIIKM	AGAP011161-PA	M12(Oxidation)	79	1.35E-07	2	1275.702	3.18	Head	3L:+:18118512-18118547	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_69208	QGGLGEAVLSALAEQR	AGAP011161-PA	Q1(Deamidated)	133	4.55E-13	1	1598.858	5.21	Ovary	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_69392	KIDSDLEGHPTPR	AGAP011161-PA	-	60	1.24E-05	1	1464.743	-0.75	Salivary gland	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_69857	SVAAAVQEIIK	AGAP011161-PA	-	55	2.57E-05	2	1128.662	-0.72	Midgut	3L:+:18118512-18118544	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_70083	TYVLVGDGESAEGSIWESLHFAGYYK	AGAP011161-PA	-	64	5.61E-06	1	2878.364	2.3	Midgut	3L:+:18116952-18117029	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_70665	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	121	1.21E-11	1	1976.948	-0.99	Pupa	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_70736	KIDSDLEGHPTPR	AGAP011161-PA	-	69	1.83E-06	1	1464.744	0.16	Visceras	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_71891	HLGVDK	AGAP011161-PA	-	29	0.010104119	1	668.375	3.09	Ovary	3L:+:18118437-18118454	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_72963	KIDSDLEGHPTPR	AGAP011161-PA	-	50	0.000139287	1	1464.747	2.07	Pupa	3L:+:18116811-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_74071	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	71	2.14E-07	1	1912.086	3.41	Larva	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_74358	NPGPIALAPPSPQKESAPK	AGAP011161-PA	-	75	2.69E-07	1	1899.035	0.74	Pupa	3L:+:18117351-18117407	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_74567	VIALDGDTK	AGAP011161-PA	-	59	2.71E-05	1	931.513	3.96	Ovary	3L:+:18117525-18117551	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_74587	LDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C20(Carbamidomethyl)	92	9.64E-09	2	2348.132	3.95	Visceras	3L:+:18117123-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_75053	GHAAPILYAAWAEAGLFPVEDLMNLRK	AGAP011161-PA	M23(Oxidation)	33	0.003728078	1	2969.550	5.41	Malpighian tubule	3L:+:18116733-18116813	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_75085	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	94	4.67E-09	1	1910.003	0.5	Male reproductive organs	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_75348	GKHFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	88	1.39E-08	1	3406.734	1.52	Pupa	3L:+:18117249-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_75382	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	70	1.36E-06	2	1662.860	4.72	Head	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_75738	VIDPFTVKPLDQEGIIK	AGAP011161-PA	-	61	2.28E-06	1	1912.084	2.74	Male reproductive organs	3L:+:18118185-18118235	exon=> In CDS Exon 3 of transcript AGAP011161-PA

JHU_Ag_76837	QGGLGEAVLSALAEQR	AGAP011161-PA	-	133	4.93E-13	1	1598.859	5.74	Head	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_77820	AVEMAANTPGVCFIR	AGAP011161-PA	M4(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	128	3.06E-12	1	1651.798	3.01	Malpighian tubule	3L:+:18117891-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_78082	LDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C20(Carbamidomethyl)	50	0.000191887	1	2348.138	6.57	Head	3L:+:18117123-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_78161	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	79	2.05E-07	2	1662.853	0.75	Male reproductive organs	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_78191	TSRPNTAVIYENNEKFEIGK	AGAP011161-PA	-	36	0.002918565	1	2310.172	-0.44	Salivary gland	3L:+:18117936-18117986,18118059-18118067	exon=> In CDS Exon 2 and 3 of transcript AGAP011161-PA
JHU_Ag_79071	RLDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C21(Carbamidomethyl)	38	0.002453825	1	2504.219	-2.04	Salivary gland	3L:+:18117120-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_79409	IDSINATQASK	AGAP011161-PA	-	45	0.000715007	2	1147.594	-0.96	Midgut	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_79545	AFDQIR	AGAP011161-PA	-	47	0.000359359	2	749.395	0.88	Larva	3L:+:18117708-18117725	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_79747	QGGLGEAVLSALAEQR	AGAP011161-PA	-	129	1.27E-12	1	1598.855	3.07	Visceras	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_81199	LDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C20(Carbamidomethyl)	75	5.85E-07	1	2348.128	2.36	Pupa	3L:+:18117123-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_82019	IDSDLEGHPTPR	AGAP011161-PA	-	65	6.00E-06	1	1336.663	10.13	Ovary	3L:+:18116814-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_82430	HFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	149	1.27E-14	1	3221.632	5.87	Ovary	3L:+:18117255-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_82913	IDSINATQASK	AGAP011161-PA	-	81	1.41E-07	2	1147.600	4.14	Ovary	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_83088	TSRPNTAVIYENNEKFEIGK	AGAP011161-PA	N12(Deamidated)	114	5.40E-11	1	2310.178	2.5	Malpighian tubule	3L:+:18117936-18117986,18118059-18118067	exon=> In CDS Exon 2 and 3 of transcript AGAP011161-PA
JHU_Ag_83723	DPSSDRFILSK	AGAP011161-PA	-	45	0.000558282	1	1264.653	-0.1	Pupa	3L:+:18116700-18116732	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_83898	AIPGSTVFYPADAVSTERAVEMAANTPGVCFIR	AGAP011161-PA	C30(Carbamidomethyl)	32	0.006417 26	1	3497.744	7.15	Malpighian tubule	3L:+:18117837-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_85262	GVELATPPAYQK	AGAP011161-PA	-	37	0.003826445	1	1273.678	-0.27	Salivary gland	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_86486	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	120	1.13E-11	1	1910.004	1.01	Pupa	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_87165	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	86	3.34E-08	1	1880.946	3.53	Malpighian tubule	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_87315	GVELATPPAYQK	AGAP011161-PA	-	55	5.20E-05	1	1273.680	0.79	Head	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_87384	LDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C20(Carbamidomethyl)	62	1.06E-05	1	2348.131	3.3	Larva	3L:+:18117123-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_87412	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	95	5.61E-09	1	1992.949	2.2	Head	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_88226	FILSK	AGAP011161-PA	-	31	0.001912 23	1	607.382	1.62	Malpighian tubule	3L:+:18116718-18116732	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_88833	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	153	8.95E-15	1	1976.949	-0.19	Ovary	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_90289	HFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	107	2.16E-10	1	3221.631	5.54	Larva	3L:+:18117255-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_90301	IAMNNDR	AGAP011161-PA	M3(Oxidation)	41	0.001041231	2	849.392	3.71	Midgut	3L:+:18117504-18117524	exon=> In CDS Exon 2 of transcript AGAP011161-PA

JHU_Ag_90836	GVELATPPAYQKGEQVATR	AGAP011161-PA	-	86	2.78E-08	1	2015.059	1.57	Ovary	3L:+:18117420-18117476	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_91203	RLDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C21(Carbamidomethyl)	119	1.99E-11	1	2504.230	2.49	Malpighian tubule	3L:+:18117120-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_92076	VIDPFTVKPLDQEGIIKHGAQCGGR	AGAP011161-PA	C22(Carbamidomethyl)	111	5.18E-11	1	2735.440	3.73	Malpighian tubule	3L:+:18118185-18118259	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_92714	FIECFIAEQNLVGVAIGAACR	AGAP011161-PA	C4(Carbamidomethyl), C20(Carbamidomethyl)	48	0.000257348	1	2338.184	6.74	Ovary	3L:+:18117597-18117659	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_95364	QGGLGEAVLSALAEQR	AGAP011161-PA	-	119	1.07E-11	1	1598.849	-0.52	Midgut	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_95367	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	128	2.57E-12	1	1662.860	4.57	Ovary	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_95421	VVVVEDHYKQGGLGEAVLSALAEQR	AGAP011161-PA	-	167	1.51E-16	1	2667.416	2.04	Malpighian tubule	3L:+:18118260-18118285,18118373-18118421	exon=> In CDS Exon 3 and 4 of transcript AGAP011161-PA
JHU_Ag_95574	TSRPNTAVIYENNEK	AGAP011161-PA	N12(Deamidated)	93	8.87E-09	2	1735.866	3.02	Ovary	3L:+:18117936-18117980	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_95612	GKHFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	148	1.30E-14	1	3406.745	4.66	Malpighian tubule	3L:+:18117249-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_96088	QGGLGEAVLSALAEQR	AGAP011161-PA	-	110	1.10E-10	1	1598.852	1.24	Malpighian tubule	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_97108	NSTYSDKLR	AGAP011161-PA	-	53	5.34E-05	2	1083.543	0.41	Malpighian tubule	3L:+:18117552-18117578	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_97239	AVEMAANTPGVCFIR	AGAP011161-PA	M4(Oxidation), C12(Carbamidomethyl),C12(Carbamidomethyl)	129	2.15E-12	1	1651.793	-0.24	Midgut	3L:+:18117891-18117935	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_97760	HFPNIEDLENWHGKPLGDAAADVVAHLQK	AGAP011161-PA	-	120	1.03E-11	1	3221.621	2.51	Malpighian tubule	3L:+:18117255-18117341	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_97919	LDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C20(Carbamidomethyl)	66	4.18E-06	1	2348.131	3.61	Malpighian tubule	3L:+:18117123-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_98549	LNNLCVIFDVNR	AGAP011161-PA	C5(Carbamidomethyl)	73	7.23E-07	2	1476.766	2.42	Malpighian tubule	3L:+:18117030-18117065	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_99757	LAYGTALAK	AGAP011161-PA	-	36	0.001497486	1	907.527	2.49	Head	3L:+:18117477-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_99876	LDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C20(Carbamidomethyl)	78	2.58E-07	1	2348.126	1.27	Ovary	3L:+:18117123-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_100160	NPGPIALAPPSPQK	AGAP011161-PA	-	86	2.49E-08	1	1386.778	3.11	Malpighian tubule	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_100487	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	144	5.33E-14	1	1662.861	5.16	Malpighian tubule	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_100699	IDSDLEGHPTPR	AGAP011161-PA	-	62	1.10E-05	1	1336.652	2.09	Male reproductive organs	3L:+:18116814-18116849	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_100765	GHAAPILYAAWAEAGLFPVEDLMNLR	AGAP011161-PA	-	47	0.000162367	1	2825.457	4.39	Malpighian tubule	3L:+:18116733-18116810	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_100824	SVAAAVQEIIK	AGAP011161-PA	-	75	2.46E-07	2	1128.663	0.14	Male reproductive organs	3L:+:18118512-18118544	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_100975	IDSINATQASK	AGAP011161-PA	-	81	1.51E-07	2	1147.598	1.91	Malpighian tubule	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_101574	IDSINATQASK	AGAP011161-PA	-	70	1.60E-06	2	1147.595	-0.43	Visceras	3L:+:18115214-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_102480	LRIDSINATQASK	AGAP011161-PA	-	91	8.90E-09	1	1416.776	-3.46	Head	3L:+:18115208-18115246	exon=> In CDS Exon 1 of transcript AGAP011161-PA
JHU_Ag_102518	LGQSEATSLQHQMEVYR	AGAP011161-PA	M13(Oxidation)	50	0.000190425	1	1976.953	1.53	Salivary gland	3L:+:18117066-18117116	exon=> In CDS Exon 2 of transcript AGAP011161-PA

JHU_Ag_102789	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	95	3.06E-09	1	1910.004	1.01	Visceras	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_103101	SVAAAVQEIIKM	AGAP011161-PA	M12(Oxidation)	69	1.70E-06	2	1275.696	-1.42	Male reproductive organs	3L:+:18118512-18118547	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_103185	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	100	1.06E-09	1	1910.007	2.42	Salivary gland	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_103331	RLDAFGFNAIVVDGHDVEELCK	AGAP011161-PA	C21(Carbamidomethyl)	89	1.87E-08	1	2504.233	3.59	Pupa	3L:+:18117120-18117185	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_104373	QGGLGEAVLSALAEQR	AGAP011161-PA	-	43	0.000481767	1	1598.853	1.99	Pupa	3L:+:18118374-18118421	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_104768	GHAAPILYAAWAEAGLFPVEDLMNLR	AGAP011161-PA	M23(Oxidation)	68	1.83E-06	3	2841.441	0.59	Midgut	3L:+:18116733-18116810	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_105328	GEQVATRLAYGTALAK	AGAP011161-PA	-	75	1.93E-07	2	1648.907	3.34	Malpighian tubule	3L:+:18117456-18117503	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_105346	GHAAPILYAAWAEAGLFPVEDLMNLRK	AGAP011161-PA	M23(Oxidation)	65	2.64E-06	1	2969.547	4.1	Ovary	3L:+:18116733-18116813	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_105380	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	116	2.73E-11	1	1910.002	-0.01	Midgut	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_105542	TSRPNTAVIYENNEKFEIGK	AGAP011161-PA	-	81	9.54E-08	1	2310.177	1.95	Visceras	3L:+:18117936-18117986,18118059-18118067	exon=> In CDS Exon 2 and 3 of transcript AGAP011161-PA
JHU_Ag_106024	AFDQIR	AGAP011161-PA	-	42	0.001053243	2	749.394	-0.01	Midgut	3L:+:18117708-18117725	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_106092	QGGLGEAVLSALAEQRNFVVK	AGAP011161-PA	-	63	2.41E-06	1	2186.208	6.75	Malpighian tubule	3L:+:18118374-18118436	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_106350	VIALDGDTK	AGAP011161-PA	-	45	0.000580809	1	931.515	5.55	Head	3L:+:18117525-18117551	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_107458	TSRPNTAVIYENNEK	AGAP011161-PA	-	93	8.10E-09	2	1735.855	-3.24	Head	3L:+:18117936-18117980	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_107872	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	85	4.51E-08	1	1880.940	0.49	Salivary gland	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_107974	VIALDGDTK	AGAP011161-PA	-	51	0.000164947	1	931.510	0.11	Midgut	3L:+:18117525-18117551	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_108202	HGAQCGGR	AGAP011161-PA	C5(Carbamidomethyl)	44	0.000184179	2	842.369	0	Malpighian tubule	3L:+:18118236-18118259	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_109064	NPGPIALAPPSPQK	AGAP011161-PA	-	79	1.15E-07	1	1386.779	3.9	Larva	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_109931	NPGPIALAPPSPQK	AGAP011161-PA	-	86	2.40E-08	1	1386.770	-2.96	Midgut	3L:+:18117351-18117392	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_109950	QNANDSVLLIGAGITLYEALK	AGAP011161-PA	-	110	5.23E-11	1	2203.200	1.4	Malpighian tubule	3L:+:18118083-18118145	exon=> In CDS Exon 3 of transcript AGAP011161-PA
JHU_Ag_109957	SGPPTVLVDMFGISAR	AGAP011161-PA	M10(Oxidation)	70	1.42E-06	2	1662.860	4.57	Larva	3L:+:18118464-18118511	exon=> In CDS Exon 4 of transcript AGAP011161-PA
JHU_Ag_112963	AIPGSTVFYPADAVSTER	AGAP011161-PA	-	85	4.85E-08	2	1880.938	-0.42	Pupa	3L:+:18117837-18117890	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_113726	IAMNNDR	AGAP011161-PA	-	43	0.000663092	1	833.394	0.83	Malpighian tubule	3L:+:18117504-18117524	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_114252	GVELATPPAYQK	AGAP011161-PA	-	77	3.47E-07	1	1273.679	0.12	Pupa	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_115119	DPSSDRFILSK	AGAP011161-PA	-	49	0.000207922	1	1264.657	3.28	Malpighian tubule	3L:+:18116700-18116732	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_115841	AFFEAASTTDRPTAIIAK	AGAP011161-PA	-	105	3.49E-10	1	1910.010	4.46	Larva	3L:+:18117186-18117239	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_115948	AFDQIR	AGAP011161-PA	-	39	0.002116062	1	749.395	1.29	Malpighian tubule	3L:+:18117708-18117725	exon=> In CDS Exon 2 of transcript AGAP011161-PA

JHU_Ag_116000	TSRPNTAVIYENNEKFEIGK	AGAP011161-PA	-	39	0.001566426	1	2310.174	0.76	Male reproductive organs	3L:+:18117936-18117986,18118059-18118067	exon=> In CDS Exon 2 and 3 of transcript AGAP011161-PA
JHU_Ag_116493	LGQSEATSLQHQMEVYRK	AGAP011161-PA	-	62	1.03E-05	1	2105.042	-1.03	Midgut	3L:+:18117066-18117119	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_116981	GVELATPPAYQK	AGAP011161-PA	-	56	4.44E-05	1	1273.679	-0.17	Male reproductive organs	3L:+:18117420-18117455	exon=> In CDS Exon 2 of transcript AGAP011161-PA
JHU_Ag_16315	LDENVIADIER	AGAP011162-PA	N4(Deamidated)	35	0.004635588	1	1287.638	-3.8	Visceras	3L:+:18127068-18127100	exon=> In CDS Exon 3 of transcript AGAP011162-PA
JHU_Ag_60533	DFFDGEMIADALK	AGAP011162-PA	M7(Oxidation)	84	4.13E-08	2	1487.674	0.77	Head	3L:+:18124953-18124991	exon=> In CDS Exon 2 of transcript AGAP011162-PA
JHU_Ag_61527	STLGDLPQVLAQR	AGAP011162-PA	-	56	1.77E-05	2	1397.777	1.53	Male reproductive organs	3L:+:18124713-18124751	exon=> In CDS Exon 2 of transcript AGAP011162-PA
JHU_Ag_89383	DLSQEEIDER	AGAP011162-PA	-	57	1.71E-05	2	1233.560	0.56	Head	3L:+:18123756-18123785	exon=> In CDS Exon 2 of transcript AGAP011162-PA
JHU_Ag_1864	LQEAHEEIDR	AGAP011164-PA	Q2(Deamidated)	39	0.001750269	1	1240.593	9.85	Ovary	3L:+:18187894-18187923	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_3516	LQEAHEEIDR	AGAP011164-PA	-	50	0.000146399	2	1239.593	-3.13	Head	3L:+:18187894-18187923	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_7389	LQEAHEEIDRLK	AGAP011164-PA	-	40	0.001306001	1	1480.773	-1.82	Ovary	3L:+:18187894-18187929	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_10545	CNSERPDNALAFVLDNLTEK	AGAP011164-PA	C1(Carbamidomethyl)	85	5.21E-08	1	2306.124	6.67	Head	3L:+:18187813-18187872	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_13080	CNSERPDNALAFVLDNLTEK	AGAP011164-PA	C1(Carbamidomethyl)	97	2.93E-09	1	2306.124	6.99	Ovary	3L:+:18187813-18187872	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_36660	QGVLDAITQVLVK	AGAP011164-PA	-	86	6.28E-09	1	1383.821	0.52	Ovary	3L:+:18187774-18187812	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_73424	KIDTAAAPQTNGVVEGAAAAGAAGEATTTGGGTTVK	AGAP011164-PA	-	152	6.44E-15	1	3214.615	-1.19	Ovary	3L:+:18188056-18188163	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_89710	AELSALK	AGAP011164-PA	-	43	0.001228695	2	731.430	0.88	Ovary	3L:+:18187930-18187950	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_114395	CNSERPDNALAFVLDNLTEK	AGAP011164-PA	C1(Carbamidomethyl)	71	1.12E-06	1	2306.127	8.02	Midgut	3L:+:18187813-18187872	exon=> In CDS Exon 1 of transcript AGAP011164-PA
JHU_Ag_8414	SFDEQHSK	AGAP011165-PA	-	37	0.001268902	1	977.432	-0.47	Male reproductive organs	3L:-:18189665-18189642	exon=> In CDS Exon 2 of transcript AGAP011165-PA
JHU_Ag_38666	FMEYNMVSR	AGAP011165-PA	M2(Oxidation), M6(Oxidation)	53	1.86E-05	1	1208.506	-1.02	Ovary	3L:-:18189635-18189609	exon=> In CDS Exon 2 of transcript AGAP011165-PA
JHU_Ag_49154	DQITTTEVNMAR	AGAP011165-PA	M10(Oxidation)	87	3.08E-08	2	1394.661	2.31	Head	3L:-:18189329-18189294	exon=> In CDS Exon 2 of transcript AGAP011165-PA
JHU_Ag_54192	SYAGIPEAVFVDDVEQFMK	AGAP011165-PA	M18(Oxidation)	111	9.94E-11	1	2161.014	-1.01	Ovary	3L:-:18189939-18189990,18189231-18189705	exon=> In CDS Exon 2 and 1 of transcript AGAP011165-PA
JHU_Ag_89534	DQITTTEVNMAR	AGAP011165-PA	M10(Oxidation)	77	3.11E-07	1	1394.658	-0.23	Male reproductive organs	3L:-:18189329-18189294	exon=> In CDS Exon 2 of transcript AGAP011165-PA
JHU_Ag_114708	PASMEEIELPK	AGAP011165-PA	M4(Oxidation)	34	0.006238659	1	1259.623	2.98	Head	3L:-:18189990-18189958	exon=> In CDS Exon 1 of transcript AGAP011165-PA
JHU_Ag_551	HDFDLICR	AGAP011166-PA	C7(Carbamidomethyl)	48	0.00016993	1	1075.499	-0.26	Ovary	3L:+:18195242-18195265	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_625	ICGDIHGQYYDLLR	AGAP011166-PA	C2(Carbamidomethyl)	92	1.02E-08	1	1722.826	-0.52	Ovary	3L:+:18192679-18192685,18194361-18194395	exon=> In CDS Exon 2 and 3 of transcript AGAP011166-PA
JHU_Ag_3564	SDVELSNIDHLIAMLLEVR	AGAP011166-PA	N-Term(Acetyl), M14(Oxidation)	108	1.82E-10	1	2225.150	0.84	Midgut	3L:+:18191588-18191639,18192554-18192558	exon=> In CDS Exon 1 and 2 of transcript AGAP011166-PA
JHU_Ag_4020	HDFDLICR	AGAP011166-PA	C7(Carbamidomethyl)	46	0.000225332	2	1075.487	-11.61	Malpighian tubule	3L:+:18195242-18195265	exon=> In CDS Exon 5 of transcript AGAP011166-PA

JHU_Ag_5099	TFTDCFNCLPVAAIVDEK	AGAP011166-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	111	8.65E-11	1	2099.973	-2.05	Head	3L:+:18194855-18194908	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_7526	TFTDCFNCLPVAAIVDEK	AGAP011166-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	111	1.18E-10	1	2099.985	3.65	Visceras	3L:+:18194855-18194908	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_10158	EIFLSQPILLELEAPLK	AGAP011166-PA	-	115	5.09E-12	1	1953.131	-0.04	Ovary	3L:+:18192628-18192678	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_13313	FQYGGLNSGRPVTPPR	AGAP011166-PA	-	53	6.13E-05	1	1745.908	-0.01	Male reproductive organs	3L:+:18195549-18195596	exon=> In CDS Exon 6 of transcript AGAP011166-PA
JHU_Ag_13842	AHQVVEDGYEFFAK	AGAP011166-PA	-	107	3.06E-10	1	1639.777	0.91	Midgut	3L:+:18195266-18195307	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_14177	NVQLSETDIR	AGAP011166-PA	-	56	5.34E-05	1	1174.605	-1.08	Male reproductive organs	3L:+:18192577-18192606	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_18928	AHQVVEDGYEFFAK	AGAP011166-PA	-	57	3.40E-05	2	1639.779	2.48	Pupa	3L:+:18195266-18195307	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_21068	NVQLSETDIR	AGAP011166-PA	-	62	1.05E-05	2	1174.607	0.59	Visceras	3L:+:18192577-18192606	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_22271	AHQVVEDGYEFFAK	AGAP011166-PA	-	115	5.00E-11	1	1639.779	2.18	Head	3L:+:18195266-18195307	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_26109	ICGDIHGQYYDLLR	AGAP011166-PA	C2(Carbamidomethyl)	61	1.50E-05	1	1722.837	6	Salivary gland	3L:+:18192679-18192685,18194361-18194395	exon=> In CDS Exon 2 and 3 of transcript AGAP011166-PA
JHU_Ag_26402	SREIFLSQPILLELEAPLK	AGAP011166-PA	-	80	8.82E-09	1	2196.275	5.2	Ovary	3L:+:18192622-18192678	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_27862	SDVELSNIDHLIAMLLEVR	AGAP011166-PA	N-Term(Acetyl), M14(Oxidation)	68	2.05E-06	1	2225.149	0.34	Salivary gland	3L:+:18191588-18191639,18192554-18192558	exon=> In CDS Exon 1 and 2 of transcript AGAP011166-PA
JHU_Ag_30333	NVQLSETDIR	AGAP011166-PA	-	55	5.90E-05	2	1174.606	-0.66	Midgut	3L:+:18192577-18192606	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_32409	FQYGGLNSGRPVTPPR	AGAP011166-PA	-	43	0.000628838	1	1745.910	1.25	Ovary	3L:+:18195549-18195596	exon=> In CDS Exon 6 of transcript AGAP011166-PA
JHU_Ag_32695	EIFLSQPILLELEAPLK	AGAP011166-PA	-	98	2.45E-10	2	1953.138	3.62	Salivary gland	3L:+:18192628-18192678	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_45140	TFTDCFNCLPVAAIVDEK	AGAP011166-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	69	1.68E-06	1	2099.981	1.32	Malpighian tubule	3L:+:18194855-18194908	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_46132	LFEYGSFPPESNYLFLGDYVDR	AGAP011166-PA	-	100	1.44E-09	1	2628.234	1.73	Midgut	3L:+:18194396-18194461	exon=> In CDS Exon 3 of transcript AGAP011166-PA
JHU_Ag_50104	AHQVVEDGYEFFAKR	AGAP011166-PA	-	74	5.87E-07	1	1795.881	2.85	Malpighian tubule	3L:+:18195266-18195310	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_52084	SDVELSNIDHLIAMLLEVR	AGAP011166-PA	N-Term(Acetyl), M14(Oxidation)	56	2.61E-05	1	2225.154	2.49	Larva	3L:+:18191588-18191639,18192554-18192558	exon=> In CDS Exon 1 and 2 of transcript AGAP011166-PA
JHU_Ag_55121	NVQLSETDIR	AGAP011166-PA	-	71	1.52E-06	1	1174.603	-2.84	Ovary	3L:+:18192577-18192606	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_60711	FLTKHDFDLICR	AGAP011166-PA	C11(Carbamidomethyl)	53	8.91E-05	1	1564.799	3.11	Salivary gland	3L:+:18195230-18195265	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_63064	TFTDCFNCLPVAAIVDEK	AGAP011166-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	110	1.13E-10	1	2099.978	0.28	Midgut	3L:+:18194855-18194908	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_65145	IFCCHGGLSPDLQSMEQIR	AGAP011166-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), M15(Oxidation)	110	1.03E-10	1	2264.025	-0.29	Ovary	3L:+:18194909-18194965	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_65631	KFQYGGLNSGRPVTPPR	AGAP011166-PA	-	53	4.83E-05	1	1874.005	0.94	Malpighian tubule	3L:+:18195546-18195596	exon=> In CDS Exon 6 of transcript AGAP011166-PA
JHU_Ag_66181	NVQLSETDIRLLCLK	AGAP011166-PA	C13(Carbamidomethyl)	95	1.72E-09	1	1801.993	5.04	Malpighian tubule	3L:+:18192577-18192621	exon=> In CDS Exon 2 of transcript AGAP011166-PA

JHU_Ag_68567	SDVELSNIDHLIAMLLEVR	AGAP011166-PA	N-Term(Acetyl), M14(Oxidation)	119	1.48E-11	1	2225.151	1.08	Ovary	3L:+:18191588-18191639,18192554-18192558	exon=> In CDS Exon 1 and 2 of transcript AGAP011166-PA
JHU_Ag_69322	TFTDCFNCLPVAAIVDEK	AGAP011166-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	122	8.23E-12	1	2099.981	1.55	Ovary	3L:+:18194855-18194908	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_71572	ICGDIHGQYYDLLR	AGAP011166-PA	C2(Carbamidomethyl)	116	3.78E-11	1	1722.831	2.46	Head	3L:+:18192679-18192685,18194361-18194395	exon=> In CDS Exon 2 and 3 of transcript AGAP011166-PA
JHU_Ag_75141	TFTDCFNCLPVAAIVDEK	AGAP011166-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	80	1.32E-07	1	2099.981	1.44	Male reproductive organs	3L:+:18194855-18194908	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_76844	AHQVVEDGYEFFAK	AGAP011166-PA	-	104	5.57E-10	1	1639.782	4.34	Ovary	3L:+:18195266-18195307	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_77084	TFTDCFNCLPVAAIVDEK	AGAP011166-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	71	1.14E-06	2	2099.981	1.44	Pupa	3L:+:18194855-18194908	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_78027	ICGDIHGQYYDLLR	AGAP011166-PA	C2(Carbamidomethyl)	59	1.95E-05	1	1722.829	1.47	Visceras	3L:+:18192679-18192685,18194361-18194395	exon=> In CDS Exon 2 and 3 of transcript AGAP011166-PA
JHU_Ag_81183	FLTKHDFDLICR	AGAP011166-PA	C11(Carbamidomethyl)	66	3.79E-06	1	1564.794	-0.32	Malpighian tubule	3L:+:18195230-18195265	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_82455	SDVELSNIDHLIAMLLEVR	AGAP011166-PA	N-Term(Acetyl), M14(Oxidation)	43	0.000555362	1	2225.152	1.66	Pupa	3L:+:18191588-18191639,18192554-18192558	exon=> In CDS Exon 1 and 2 of transcript AGAP011166-PA
JHU_Ag_83212	SREIFLSQPILLELEAPLK	AGAP011166-PA	-	86	2.54E-09	1	2196.265	0.37	Salivary gland	3L:+:18192622-18192678	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_83310	AHQVVEDGYEFFAK	AGAP011166-PA	-	64	5.68E-06	2	1639.775	-0.2	Male reproductive organs	3L:+:18195266-18195307	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_85658	IFCCHGGLSPDLQSMEQIR	AGAP011166-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), M15(Oxidation)	122	6.60E-12	1	2264.028	1	Head	3L:+:18194909-18194965	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_89048	AHQVVEDGYEFFAK	AGAP011166-PA	-	92	1.01E-08	1	1639.779	2.1	Salivary gland	3L:+:18195266-18195307	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_89599	ICGDIHGQYYDLLR	AGAP011166-PA	C2(Carbamidomethyl)	51	0.000121946	2	1722.832	2.96	Midgut	3L:+:18192679-18192685,18194361-18194395	exon=> In CDS Exon 2 and 3 of transcript AGAP011166-PA
JHU_Ag_93748	SREIFLSQPILLELEAPLK	AGAP011166-PA	-	34	0.000330688	3	2196.275	5.03	Malpighian tubule	3L:+:18192622-18192678	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_95239	EIFLSQPILLELEAPLK	AGAP011166-PA	-	98	2.37E-10	2	1953.132	0.87	Midgut	3L:+:18192628-18192678	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_100150	HDFDLICR	AGAP011166-PA	C7(Carbamidomethyl)	41	0.000735245	1	1075.497	-1.96	Head	3L:+:18195242-18195265	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_101112	NVQLSETDIR	AGAP011166-PA	-	43	0.000886751	2	1174.606	-0.24	Pupa	3L:+:18192577-18192606	exon=> In CDS Exon 2 of transcript AGAP011166-PA
JHU_Ag_101423	AHQVVEDGYEFFAK	AGAP011166-PA	-	100	1.58E-09	1	1639.780	2.7	Malpighian tubule	3L:+:18195266-18195307	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_112732	KFQYGGLNSGRPVTPPR	AGAP011166-PA	-	49	0.000121062	1	1874.011	3.97	Salivary gland	3L:+:18195546-18195596	exon=> In CDS Exon 6 of transcript AGAP011166-PA
JHU_Ag_114581	FQYGGLNSGRPVTPPR	AGAP011166-PA	-	63	6.43E-06	1	1745.910	1.25	Malpighian tubule	3L:+:18195549-18195596	exon=> In CDS Exon 6 of transcript AGAP011166-PA
JHU_Ag_114957	HDFDLICR	AGAP011166-PA	C7(Carbamidomethyl)	53	5.98E-05	2	1075.502	2.92	Salivary gland	3L:+:18195242-18195265	exon=> In CDS Exon 5 of transcript AGAP011166-PA
JHU_Ag_115097	IFCCHGGLSPDLQSMEQIR	AGAP011166-PA	C3(Carbamidomethyl), C4(Carbamidomethyl), M15(Oxidation)	82	6.24E-08	1	2264.025	-0.53	Midgut	3L:+:18194909-18194965	exon=> In CDS Exon 4 of transcript AGAP011166-PA
JHU_Ag_115512	SDVELSNIDHLIAMLLEVR	AGAP011166-PA	N-Term(Acetyl)	139	1.47E-13	1	2209.153	-0.02	Midgut	3L:+:18191588-18191639,18192554-18192558	exon=> In CDS Exon 1 and 2 of transcript AGAP011166-PA

JHU_Ag_1896	QSLETICLLLAYK	AGAP011166-PA,AGAP003114-PA	C7(Carbamidomethyl)	69	1.01E-06	2	1551.847	1.33	Salivary gland	3L:+:18194468-18194506;2R:+:32549542-32549580	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_2805	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	58	9.33E-06	1	1439.805	0.19	Head	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_11995	GKQSLETICLLLAYK	AGAP011166-PA,AGAP003114-PA	C9(Carbamidomethyl)	104	2.60E-10	2	1736.960	-1.12	Midgut	3L:+:18194462-18194506;2R:+:32549536-32549580	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_14764	IYGFYDECK	AGAP011166-PA,AGAP003114-PA	C8(Carbamidomethyl)	45	0.000218444	1	1194.516	1.58	Midgut	3L:+:18194570-18194577,18194809-18194827;2R:+:32549644-32549650,32549727-32549746	exon=> In CDS Exon 3 and 4 of transcript AGAP011166-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003114-PA
JHU_Ag_15485	YPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	56	2.71E-05	2	1198.625	-0.73	Salivary gland	3L:+:18194513-18194539;2R:+:32549587-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_21540	YPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	44	0.000435702	2	1198.627	0.79	Male reproductive organs	3L:+:18194513-18194539;2R:+:32549587-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_21798	IYGFYDECKR	AGAP011166-PA,AGAP003114-PA	C8(Carbamidomethyl)	52	7.57E-05	1	1350.613	-1.49	Midgut	3L:+:18194570-18194577,18194809-18194830;2R:+:32549644-32549650,32549727-32549749	exon=> In CDS Exon 3 and 4 of transcript AGAP011166-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003114-PA
JHU_Ag_24540	YPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	61	8.88E-06	2	1198.623	-2.47	Ovary	3L:+:18194513-18194539;2R:+:32549587-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_34150	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	66	1.43E-06	1	1439.804	-0.51	Salivary gland	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_34767	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	60	5.74E-06	1	1439.804	-0.38	Male reproductive organs	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_37475	QSLETICLLLAYK	AGAP011166-PA,AGAP003114-PA	C7(Carbamidomethyl)	89	9.06E-09	2	1551.850	3.06	Visceras	3L:+:18194468-18194506;2R:+:32549542-32549580	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_38834	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	45	0.000151109	1	1439.810	3.91	Malpighian tubule	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_43557	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	50	5.32E-05	1	1439.804	-0.08	Midgut	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_49268	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	65	1.86E-06	1	1439.805	0.57	Ovary	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA

JHU_Ag_49719	IYGFYDECK	AGAP011166-PA,AGAP003114-PA	C8(Carbamidomethyl)	52	4.16E-05	1	1194.515	1.52	Malpighian tubule	3L:+:18194570-18194577,18194809-18194827;2R:+:32549644-32549650,32549727-32549746	exon=> In CDS Exon 3 and 4 of transcript AGAP011166-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003114-PA
JHU_Ag_56419	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	42	0.00025497	3	1439.812	4.83	Larva	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_59225	YPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	61	7.62E-06	2	1198.627	1.2	Head	3L:+:18194513-18194539;2R:+:32549587-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_62533	GKQSLETICLLLAYK	AGAP011166-PA,AGAP003114-PA	C9(Carbamidomethyl)	74	2.53E-07	1	1736.968	3.86	Salivary gland	3L:+:18194462-18194506;2R:+:32549536-32549580	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_64616	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	66	1.47E-06	1	1439.802	-1.65	Visceras	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_82835	IYGFYDECK	AGAP011166-PA,AGAP003114-PA	C8(Carbamidomethyl)	42	0.000380956	1	1194.514	0.39	Salivary gland	3L:+:18194570-18194577,18194809-18194827;2R:+:32549644-32549650,32549727-32549746	exon=> In CDS Exon 3 and 4 of transcript AGAP011166-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003114-PA
JHU_Ag_84167	IYGFYDECK	AGAP011166-PA,AGAP003114-PA	C8(Carbamidomethyl)	48	0.00011135	1	1194.519	4.48	Male reproductive organs	3L:+:18194570-18194577,18194809-18194827;2R:+:32549644-32549650,32549727-32549746	exon=> In CDS Exon 3 and 4 of transcript AGAP011166-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003114-PA
JHU_Ag_84556	QSLETICLLLAYK	AGAP011166-PA,AGAP003114-PA	C7(Carbamidomethyl)	35	0.002313683	2	1551.851	3.46	Midgut	3L:+:18194468-18194506;2R:+:32549542-32549580	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_85692	GNHECASINR	AGAP011166-PA,AGAP003114-PA	C5(Carbamidomethyl)	56	1.85E-05	1	1157.516	3.35	Midgut	3L:+:18194540-18194569;2R:+:32549614-32549643	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_95614	IKYPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	39	0.000802912	3	1439.806	0.89	Pupa	3L:+:18194507-18194539;2R:+:32549581-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_100140	IYGFYDECKR	AGAP011166-PA,AGAP003114-PA	C8(Carbamidomethyl)	45	0.000396802	1	1350.618	2.66	Salivary gland	3L:+:18194570-18194577,18194809-18194830;2R:+:32549644-32549650,32549727-32549749	exon=> In CDS Exon 3 and 4 of transcript AGAP011166-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003114-PA
JHU_Ag_109218	YPENFFLLR	AGAP011166-PA,AGAP003114-PA	-	52	6.07E-05	1	1198.625	-0.33	Visceras	3L:+:18194513-18194539;2R:+:32549587-32549613	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA
JHU_Ag_114908	QSLETICLLLAYK	AGAP011166-PA,AGAP003114-PA	C7(Carbamidomethyl)	86	2.42E-08	2	1551.842	-2.21	Ovary	3L:+:18194468-18194506;2R:+:32549542-32549580	exon=> In CDS Exon 3 of transcript AGAP011166-PA;exon=> In CDS Exon 3 of transcript AGAP003114-PA

JHU_Ag_17414	HSLSSLR	AGAP011168-PA	-	35	0.002182294	2	799.441	-1.34	Head	3L:-:18206977-18206957	exon=> In CDS Exon 1 of transcript AGAP011168-PA
JHU_Ag_42796	YEDYLDQDGVHPVFR	AGAP011168-PA	-	59	1.46E-05	1	1852.850	-0.22	Head	3L:-:18206264-18206220	exon=> In CDS Exon 4 of transcript AGAP011168-PA
JHU_Ag_14337	LSFPGLGNVLVELPK	AGAP011170-PA	-	46	8.72E-05	2	1582.921	0.5	Ovary	3L:-:18222089-18222045	exon=> In CDS Exon 2 of transcript AGAP011170-PA
JHU_Ag_61523	TFAGNIDDNFR	AGAP011170-PA	-	35	0.003407737	2	1269.584	-1.66	Ovary	3L:-:18221396-18221364	exon=> In CDS Exon 2 of transcript AGAP011170-PA
JHU_Ag_5502	AIHVGQDPEQWNSMAVVPPISMSTTFK	AGAP011172-PA	M14(Oxidation), M22(Oxidation)	91	1.00E-08	1	3002.448	2.97	Ovary	3L:-:18229168-18229088	exon=> In CDS Exon 2 of transcript AGAP011172-PA
JHU_Ag_7624	QHGPGQHAGFEYGR	AGAP011172-PA	-	95	3.89E-09	1	1540.705	0.65	Pupa	3L:-:18229087-18229208,18228606-18228963	exon=> In CDS Exon 3 and 2 of transcript AGAP011172-PA
JHU_Ag_7854	LFWMETPTNPLLK	AGAP011172-PA	M4(Oxidation)	68	2.06E-06	1	1605.840	3.44	Male reproductive organs	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_12847	LFWMETPTNPLLK	AGAP011172-PA	M4(Oxidation)	66	2.87E-06	1	1605.848	8.23	Salivary gland	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_13421	LFWMETPTNPLLK	AGAP011172-PA	M4(Oxidation)	41	0.001038052	2	1605.837	1.39	Ovary	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_13879	LFWMETPTNPLLK	AGAP011172-PA	-	60	1.29E-05	1	1589.847	4.43	Head	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_14560	MGIEVDFVDLTNMQLVEQAIKPNTR	AGAP011172-PA	M1(Oxidation), M13(Oxidation)	152	8.08E-15	1	2893.449	1.9	Ovary	3L:-:18228767-18228693	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_15255	QTYGHSGIMSFYIR	AGAP011172-PA	M9(Oxidation)	49	0.000180271	1	1675.788	-1.04	Ovary	3L:-:18228095-18228054	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_16057	VLHPGLPSHPQHELAK	AGAP011172-PA	-	89	9.09E-09	1	1759.960	-0.25	Ovary	3L:-:18228146-18228099	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_24115	FLQNAAGIVPSPFDCYLVNR	AGAP011172-PA	C15(Carbamidomethyl)	101	1.20E-09	1	2281.147	1.44	Malpighian tubule	3L:-:18228370-18228538,18227817-18228240	exon=> In CDS Exon 5 and 4 of transcript AGAP011172-PA
JHU_Ag_33600	YMNGHSDVIMGAMVTNDEAVYER	AGAP011172-PA	M2(Oxidation), N3(Deamidated), M10(Oxidation), M13(Oxidation)	124	1.56E-12	1	2651.107	0.45	Ovary	3L:-:18228445-18228377	exon=> In CDS Exon 4 of transcript AGAP011172-PA
JHU_Ag_39791	FLQNAAGIVPSPFDCYLVNR	AGAP011172-PA	C15(Carbamidomethyl)	56	3.41E-05	1	2281.143	-0.06	Midgut	3L:-:18228370-18228538,18227817-18228240	exon=> In CDS Exon 5 and 4 of transcript AGAP011172-PA
JHU_Ag_42710	SNSLAIAR	AGAP011172-PA	-	48	0.000325834	2	831.469	0.63	Midgut	3L:-:18228200-18228177	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_47316	LFWMETPTNPLLK	AGAP011172-PA	-	58	1.64E-05	1	1589.852	8.03	Pupa	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_47435	GGLEESSNFLK	AGAP011172-PA	-	79	2.21E-07	1	1180.584	-0.4	Ovary	3L:-:18228053-18228021	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_54285	LSVGLEDVDDLIADLQQALDKA	AGAP011172-PA	-	102	6.49E-10	1	2341.219	2.49	Malpighian tubule	3L:-:18227885-18227820	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_54749	VLHPGLPSHPQHELAK	AGAP011172-PA	-	95	2.33E-09	1	1759.958	-1.35	Pupa	3L:-:18228146-18228099	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_57328	VLHPGLPSHPQHELAK	AGAP011172-PA	-	70	4.81E-07	1	1759.977	9.56	Male reproductive organs	3L:-:18228146-18228099	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_59604	LSVGLEDVDDLIADLQQALDKA	AGAP011172-PA	-	65	3.10E-06	1	2341.216	1	Ovary	3L:-:18227885-18227820	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_62850	FLQNAAGIVPSPFDCYLVNR	AGAP011172-PA	C15(Carbamidomethyl)	35	0.004245602	1	2281.146	1.12	Pupa	3L:-:18228370-18228538,18227817-18228240	exon=> In CDS Exon 5 and 4 of transcript AGAP011172-PA
JHU_Ag_63349	SGNPTRDVLER	AGAP011172-PA	-	35	0.004452195	1	1243.641	1.83	Malpighian tubule	3L:-:18228962-18228930	exon=> In CDS Exon 3 of transcript AGAP011172-PA

JHU_Ag_70004	VLHPGLPSHPQHELAK	AGAP011172-PA	-	60	7.66E-06	1	1759.961	0.18	Midgut	3L:-:18228146-18228099	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_72796	VLHPGLPSHPQHELAKR	AGAP011172-PA	-	78	7.19E-08	1	1916.060	-0.88	Malpighian tubule	3L:-:18228146-18228096	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_73074	ALHVFTLAESLGGYESLAELPSVMTHASVPLQQR	AGAP011172-PA	M24(Oxidation)	90	6.53E-09	1	3667.883	1.14	Ovary	3L:-:18228020-18227919	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_74665	VLHPGLPSHPQHELAK	AGAP011172-PA	-	66	2.12E-06	1	1759.955	-2.88	Head	3L:-:18228146-18228099	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_75233	YMNGHSDVIMGAMVTNDEAVYER	AGAP011172-PA	M2(Oxidation), N3(Deamidated), M10(Oxidation), M13(Oxidation)	44	0.000138421	1	2651.097	-3.42	Midgut	3L:-:18228445-18228377	exon=> In CDS Exon 4 of transcript AGAP011172-PA
JHU_Ag_76155	MGIEVDFVDLTNMQLVEQAIKPNTR	AGAP011172-PA	M1(Oxidation), M13(Oxidation)	79	1.73E-07	1	2893.443	-0.18	Midgut	3L:-:18228767-18228693	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_78318	QELGITDGLVR	AGAP011172-PA	-	39	0.001590414	2	1200.656	-1.8	Ovary	3L:-:18227918-18227886	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_82314	SLKTLALR	AGAP011172-PA	-	24	0.00591686	1	901.582	-0.85	Malpighian tubule	3L:-:18228239-18228216	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_85940	LFWMETPTNPLLK	AGAP011172-PA	M4(Oxidation)	75	5.10E-07	1	1605.835	0.02	Midgut	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_86711	AVSEIAHK	AGAP011172-PA	-	38	0.00119483	2	854.473	-0.23	Malpighian tubule	3L:-:18228638-18228615	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_86804	GGLEESSNFLK	AGAP011172-PA	-	39	0.002248153	2	1180.582	-2.05	Pupa	3L:-:18228053-18228021	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_86811	GGLEESSNFLK	AGAP011172-PA	-	79	2.08E-07	1	1180.585	0.64	Malpighian tubule	3L:-:18228053-18228021	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_92303	GGLEESSNFLK	AGAP011172-PA	-	72	9.97E-07	2	1180.584	-0.81	Midgut	3L:-:18228053-18228021	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_94882	QHGPGQHAGFEYGR	AGAP011172-PA	-	42	0.000735874	1	1540.706	1.48	Ovary	3L:-:18229087-18229208,18228606-18228963	exon=> In CDS Exon 3 and 2 of transcript AGAP011172-PA
JHU_Ag_96735	GGLEESSNFLK	AGAP011172-PA	-	79	2.19E-07	1	1180.585	0.43	Male reproductive organs	3L:-:18228053-18228021	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_99543	HPGIVVVVDNTFLSSYLQRPLDLGADVVMYSLTK	AGAP011172-PA	M29(Oxidation)	146	1.20E-14	1	3762.985	1.82	Ovary	3L:-:18228614-18228980,18228358-18228446	exon=> In CDS Exon 4 and 3 of transcript AGAP011172-PA
JHU_Ag_99914	ALHVFTLAESLGGYESLAELPSVMTHASVPLQQR	AGAP011172-PA	M24(Oxidation)	92	3.98E-09	1	3667.885	1.54	Malpighian tubule	3L:-:18228020-18227919	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_100740	MGIEVDFVDLTNMQLVEQAIKPNTR	AGAP011172-PA	M1(Oxidation), M13(Oxidation)	77	2.73E-07	1	2893.454	3.55	Malpighian tubule	3L:-:18228767-18228693	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_103991	VLHPGLPSHPQHELAK	AGAP011172-PA	-	80	6.77E-08	1	1759.962	1.23	Malpighian tubule	3L:-:18228146-18228099	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_105761	FLQNAAGIVPSPFDCYLVNR	AGAP011172-PA	C15(Carbamidomethyl)	100	1.34E-09	1	2281.144	0.37	Ovary	3L:-:18228370-18228538,18227817-18228240	exon=> In CDS Exon 5 and 4 of transcript AGAP011172-PA
JHU_Ag_109003	LFWMETPTNPLLK	AGAP011172-PA	-	60	1.06E-05	1	1589.850	6.73	Malpighian tubule	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_109734	QELGITDGLVR	AGAP011172-PA	-	41	0.001078414	2	1200.660	1.04	Malpighian tubule	3L:-:18227918-18227886	exon=> In CDS Exon 5 of transcript AGAP011172-PA
JHU_Ag_111832	AVSEIAHK	AGAP011172-PA	-	52	4.91E-05	1	854.474	0.56	Ovary	3L:-:18228638-18228615	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_115041	LFWMETPTNPLLK	AGAP011172-PA	M4(Oxidation)	60	1.27E-05	1	1605.844	5.95	Larva	3L:-:18228692-18228654	exon=> In CDS Exon 3 of transcript AGAP011172-PA
JHU_Ag_115121	CLASLDNGR	AGAP011172-PA	C1(Carbamidomethyl)	42	0.000908088	2	1005.479	0.73	Ovary	3L:-:18228929-18228903	exon=> In CDS Exon 3 of transcript AGAP011172-PA

JHU_Ag_116661	QHGPGQHAGFEYGR	AGAP011172-PA	-	31	0.010468998	1	1540.703	-0.89	Midgut	3L:-:18229087-18229208,18228606-18228963	exon=> In CDS Exon 3 and 2 of transcript AGAP011172-PA
JHU_Ag_4722	YDGVILNSK	AGAP011173-PA	-	44	0.000554082	1	1008.533	-2.9	Head	3L:+:18233608-18233634	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_5806	AEEILER	AGAP011173-PA	-	40	0.002056704	2	859.452	-0.36	Ovary	3L:+:18232880-18232900	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_9386	AEEILER	AGAP011173-PA	-	47	0.000383704	2	859.453	0.63	Malpighian tubule	3L:+:18232880-18232900	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_13787	IAVHCTVR	AGAP011173-PA	C5(Carbamidomethyl)	51	5.89E-05	1	955.514	-0.48	Ovary	3L:+:18232847-18232870	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_16911	YDGVILNSK	AGAP011173-PA	-	42	0.000762072	1	1008.537	1.38	Salivary gland	3L:+:18233608-18233634	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_17336	LTKEDAMK	AGAP011173-PA	M7(Oxidation)	46	0.000381517	2	935.486	-0.48	Midgut	3L:+:18233569-18233592	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_20026	AEEILER	AGAP011173-PA	-	45	0.000545753	2	859.452	0.06	Salivary gland	3L:+:18232880-18232900	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_22418	VLEQLTNQTPVYSK	AGAP011173-PA	-	111	8.71E-11	1	1619.865	0.89	Male reproductive organs	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_22464	LTKEDAMK	AGAP011173-PA	M7(Oxidation)	42	0.000916859	1	951.481	-0.32	Male reproductive organs	3L:+:18233569-18233592	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_23887	VLEQLTNQTPVYSK	AGAP011173-PA	-	94	4.35E-09	1	1619.865	0.89	Ovary	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_27555	DNFSQTGNFGFGIQEHIDLGIK	AGAP011173-PA	-	75	4.77E-07	1	2437.180	0.48	Ovary	3L:+:18232934-18232999	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_28970	VLEQLTNQTPVYSK	AGAP011173-PA	-	106	2.37E-10	1	1619.867	2.17	Malpighian tubule	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_32623	VLEQLTNQTPVYSK	AGAP011173-PA	Q4(Deamidated),N7(Deamidated),Q8(Deamidated)	123	5.29E-12	1	1619.863	-0.54	Midgut	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_34095	VLEQLTNQTPVYSK	AGAP011173-PA	-	99	1.16E-09	1	1619.867	1.95	Visceras	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_39433	IGFIHR	AGAP011173-PA	-	35	0.001359731	2	742.435	-0.74	Male reproductive organs	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_41575	LCLNICVGESGDR	AGAP011173-PA	C2(Carbamidomethyl),C6(Carbamidomethyl)	64	5.24E-06	2	1492.688	-0.05	Midgut	3L:+:18232703-18232741	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_46452	YDGVILNSK	AGAP011173-PA	N7(Deamidated)	51	0.000100434	1	1009.519	-0.62	Ovary	3L:+:18233608-18233634	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_53746	AEEILER	AGAP011173-PA	-	45	0.000629501	2	859.452	0.2	Midgut	3L:+:18232880-18232900	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_54569	LCLNICVGESGDRLTR	AGAP011173-PA	C2(Carbamidomethyl),C6(Carbamidomethyl)	64	5.37E-06	1	1862.926	2.66	Malpighian tubule	3L:+:18232703-18232750	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_58221	IGFIHR	AGAP011173-PA	-	48	6.38E-05	2	742.436	0.74	Malpighian tubule	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_58854	VREYELR	AGAP011173-PA	-	41	0.000991451	1	964.520	-1	Ovary	3L:+:18232910-18232930	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_59185	YDPTIGIYGLDFYVVLGRPGYNVAQR	AGAP011173-PA	-	115	3.30E-11	1	2946.520	1.77	Ovary	3L:+:18233000-18233057,18233513-18233532	exon=> In CDS Exon 2 and 3 of transcript AGAP011173-PA
JHU_Ag_59284	IAVHCTVR	AGAP011173-PA	C5(Carbamidomethyl)	50	6.94E-05	1	955.518	3.68	Larva	3L:+:18232847-18232870	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_59905	DNFSQTGNFGFGIQEHIDLGIK	AGAP011173-PA	-	86	4.36E-08	1	2437.181	1.16	Midgut	3L:+:18232934-18232999	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_67256	VREYELR	AGAP011173-PA	-	34	0.005409195	1	964.522	0.84	Malpighian tubule	3L:+:18232910-18232930	exon=> In CDS Exon 2 of transcript AGAP011173-PA

JHU_Ag_68322	YDGVILNSK	AGAP011173-PA	-	56	2.96E-05	2	1008.534	-1.77	Pupa	3L:+:18233608-18233634	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_72637	VLEQLTNQTPVYSK	AGAP011173-PA	-	104	4.23E-10	1	1619.864	0.21	Head	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_79835	IAVHCTVR	AGAP011173-PA	C5(Carbamidomethyl)	42	0.000504 07	1	955.513	-0.86	Midgut	3L:+:18232847-18232870	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_80385	IGFIHR	AGAP011173-PA	-	41	0.000322 689	2	742.436	0.33	Ovary	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_82399	VLEQLTNQTPVYSK	AGAP011173-PA	-	94	4.14E-09	1	1619.870	3.45	Larva	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_82580	IGFIHR	AGAP011173-PA	-	42	0.000283 651	2	742.436	0.16	Pupa	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_86506	YDGVILNSK	AGAP011173-PA	-	61	9.08E-06	2	1008.536	-0.19	Male reproductive organs	3L:+:18233608-18233634	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_87271	IGFIHR	AGAP011173-PA	-	45	0.000125 252	2	742.439	3.86	Midgut	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_94673	AEEILER	AGAP011173-PA	-	46	0.000473 338	2	859.452	-0.44	Male reproductive organs	3L:+:18232880-18232900	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_94777	KLCLNICVGESGDR	AGAP011173-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	61	1.23E-05	1	1620.784	0.33	Midgut	3L:+:18232700-18232741	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_96345	IGFIHR	AGAP011173-PA	-	43	0.000239 581	2	742.436	-0.41	Visceras	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_96381	IAVHCTVR	AGAP011173-PA	C5(Carbamidomethyl)	36	0.001476 318	1	955.515	0.61	Malpighian tubule	3L:+:18232847-18232870	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_97175	VREYELR	AGAP011173-PA	-	39	0.001726 916	1	964.520	-0.94	Head	3L:+:18232910-18232930	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_98425	VLEQLTNQTPVYSK	AGAP011173-PA	Q8(Deamidated)	116	2.38E-11	1	1619.866	1.19	Pupa	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_98460	YDGVILNSK	AGAP011173-PA	-	39	0.001589 105	1	1008.539	3.13	Malpighian tubule	3L:+:18233608-18233634	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_99387	YDGVILNSK	AGAP011173-PA	-	52	7.90E-05	2	1008.537	0.47	Visceras	3L:+:18233608-18233634	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_101525	YDPTIGIYGLDFYVVLGRPGYNVAQR	AGAP011173-PA	-	74	3.50E-07	1	2946.516	0.41	Midgut	3L:+:18233000-18233057,18233513-18233532	exon=> In CDS Exon 2 and 3 of transcript AGAP011173-PA
JHU_Ag_103082	IAVHCTVR	AGAP011173-PA	C5(Carbamidomethyl)	51	4.74E-05	1	955.515	0.8	Salivary gland	3L:+:18232847-18232870	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_106135	VLEQLTNQTPVYSK	AGAP011173-PA	-	101	7.69E-10	1	1619.868	2.4	Salivary gland	3L:+:18232760-18232801	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_109184	AEEILER	AGAP011173-PA	-	54	7.91E-05	2	859.452	0.2	Pupa	3L:+:18232880-18232900	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_110191	IGFIHR	AGAP011173-PA	-	45	0.000140 105	2	742.435	-0.99	Head	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_110314	GAKAEEILER	AGAP011173-PA	-	69	1.76E-06	1	1115.606	0.38	Malpighian tubule	3L:+:18232871-18232900	exon=> In CDS Exon 2 of transcript AGAP011173-PA
JHU_Ag_110449	IGFIHR	AGAP011173-PA	-	33	0.001931 007	2	742.437	1.72	Salivary gland	3L:+:18233551-18233568	exon=> In CDS Exon 3 of transcript AGAP011173-PA
JHU_Ag_382	SDNKEVEPEIEALDEVDIELLK	AGAP011174-PA	-	54	4.94E-05	3	2527.277	4.37	Head	3L:-:18236589-18236628,18236413-18236419	exon=> In CDS Exon 2 and 1 of transcript AGAP011174-PA
JHU_Ag_1692	QILQNEQPLQVAR	AGAP011174-PA	-	69	7.02E-07	2	1536.850	0.69	Salivary gland	3L:-:18236186-18236330,18235950-18236081	exon=> In CDS Exon 4 and 3 of transcript AGAP011174-PA
JHU_Ag_3233	FVNLGIEPPK	AGAP011174-PA	-	53	4.27E-05	1	1113.631	0.41	Ovary	3L:-:18235711-18235682	exon=> In CDS Exon 5 of transcript AGAP011174-PA

JHU_Ag_4729	IINADSDDPKYIINVK	AGAP011174-PA	-	37	0.001955191	1	1817.965	0.11	Male reproductive organs	3L:-:18236071-18236024	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_9682	FVNLGIEPPKGVLLFGPPGTGK	AGAP011174-PA	-	68	3.87E-07	1	2237.272	1.23	Male reproductive organs	3L:-:18235711-18235646	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_11162	DFLEAVNK	AGAP011174-PA	-	37	0.002861813	2	935.483	-0.45	Ovary	3L:-:18235090-18235067	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_11560	QILQNEQPLQVAR	AGAP011174-PA	-	55	2.26E-05	2	1536.845	-2.73	Midgut	3L:-:18236186-18236330,18235950-18236081	exon=> In CDS Exon 4 and 3 of transcript AGAP011174-PA
JHU_Ag_14207	FVVDLADSVAPTDIEEGMR	AGAP011174-PA	M18(Oxidation)	130	1.25E-12	1	2079.988	-1.37	Ovary	3L:-:18236011-18235955	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_14870	VATEKDFLEAVNK	AGAP011174-PA	-	48	0.000214467	1	1463.777	1.82	Midgut	3L:-:18235105-18235067	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_16569	FVNLGIEPPK	AGAP011174-PA	-	36	0.00277332	2	1113.629	-1.57	Malpighian tubule	3L:-:18235711-18235682	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_21718	YQIHIPLPPK	AGAP011174-PA	-	39	0.000642978	1	1205.704	-0.13	Salivary gland	3L:-:18235873-18235844	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_26299	IINADSDDPKYIINVK	AGAP011174-PA	-	112	6.80E-11	1	1817.967	1.6	Malpighian tubule	3L:-:18236071-18236024	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_26321	FVNLGIEPPKGVLLFGPPGTGK	AGAP011174-PA	-	47	4.33E-05	1	2237.273	1.39	Ovary	3L:-:18235711-18235646	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_27055	FVNLGIEPPK	AGAP011174-PA	-	51	6.54E-05	2	1113.631	0.19	Salivary gland	3L:-:18235711-18235682	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_28831	VLMATNRPDTLDPALMRPGRLDR	AGAP011174-PA	M3(Oxidation), M16(Oxidation)	35	0.002920048	1	2640.384	4.99	Male reproductive organs	3L:-:18235363-18235295	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_29609	YIINVK	AGAP011174-PA	N4(Deamidated)	32	0.003196639	1	750.430	-13.36	Midgut	3L:-:18236041-18236024	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_30308	FDDGAGGDNEVQR	AGAP011174-PA	-	118	6.86E-12	1	1379.583	0.2	Head	3L:-:18235459-18235421	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_38703	VIGSELVQK	AGAP011174-PA	-	39	0.00128289	1	972.573	0.42	Male reproductive organs	3L:-:18235594-18235568	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_39052	EVVETPLLHPEK	AGAP011174-PA	-	40	0.000924708	2	1390.763	3.61	Ovary	3L:-:18235747-18235712	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_39408	FVVDLADSVAPTDIEEGMR	AGAP011174-PA	M18(Oxidation)	72	9.53E-07	2	2079.989	-0.54	Male reproductive organs	3L:-:18236011-18235955	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_40366	FDDGAGGDNEVQR	AGAP011174-PA	-	85	1.49E-08	2	1379.585	2.06	Pupa	3L:-:18235459-18235421	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_41771	GVLLFGPPGTGK	AGAP011174-PA	-	44	0.000345003	1	1142.658	0.87	Ovary	3L:-:18235681-18235646	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_52013	FVNLGIEPPKGVLLFGPPGTGK	AGAP011174-PA	-	67	4.52E-07	1	2237.273	1.64	Malpighian tubule	3L:-:18235711-18235646	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_52658	TMLELINQLDGFDPR	AGAP011174-PA	M2(Oxidation)	94	6.46E-09	2	1777.878	-0.37	Male reproductive organs	3L:-:18235420-18235376	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_57638	EVVETPLLHPEK	AGAP011174-PA	-	53	3.73E-05	2	1390.770	8.96	Salivary gland	3L:-:18235747-18235712	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_61657	DIRFELLAR	AGAP011174-PA	-	35	0.001854562	1	1132.650	2.58	Ovary	3L:-:18235213-18235187	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_64329	LCPNSTGAEIR	AGAP011174-PA	C2(Carbamidomethyl)	43	0.000789258	2	1217.597	2.45	Ovary	3L:-:18235186-18235154	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_65374	YQIHIPLPPK	AGAP011174-PA	-	47	9.41E-05	1	1205.705	0.78	Ovary	3L:-:18235873-18235844	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_70907	FDDGAGGDNEVQR	AGAP011174-PA	-	80	4.03E-08	1	1379.583	0.2	Malpighian tubule	3L:-:18235459-18235421	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_71261	VIGSELVQK	AGAP011174-PA	-	48	0.000162252	2	972.573	0.59	Ovary	3L:-:18235594-18235568	exon=> In CDS Exon 5 of transcript AGAP011174-PA

JHU_Ag_74420	KVEFGLPDLEGR	AGAP011174-PA	-	43	0.000709 38	2	1359.736	7.06	Salivary gland	3L:-:18235294-18235259	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_75937	GVLLFGPPGTGK	AGAP011174-PA	-	50	8.72E-05	1	1142.661	3.86	Salivary gland	3L:-:18235681-18235646	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_76638	FVNLGIEPPK	AGAP011174-PA	-	59	1.05E-05	2	1113.632	1.94	Male reproductive organs	3L:-:18235711-18235682	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_78542	FVVDLADSVAPTDIEEGMR	AGAP011174-PA	M18(Oxidation)	57	2.61E-05	1	2079.995	2.04	Midgut	3L:-:18236011-18235955	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_80081	KVEFGLPDLEGR	AGAP011174-PA	-	68	2.15E-06	1	1359.726	-0.51	Male reproductive organs	3L:-:18235294-18235259	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_82344	VLMATNRPDTLDPALMRPGR	AGAP011174-PA	M3(Oxidation), M16(Oxidation)	76	3.30E-07	1	2256.161	0.85	Ovary	3L:-:18235363-18235304	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_82495	GVLLFGPPGTGK	AGAP011174-PA	-	49	0.000104 189	2	1142.657	0.12	Male reproductive organs	3L:-:18235681-18235646	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_86235	KVEFGLPDLEGR	AGAP011174-PA	-	65	5.24E-06	1	1359.730	2.4	Ovary	3L:-:18235294-18235259	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_86495	VLMATNRPDTLDPALMRPGR	AGAP011174-PA	M16(Oxidation),M3(Oxidation),"M3(Oxidation), M16(Oxidation)"	45	0.000364 674	1	2256.161	0.96	Head	3L:-:18235363-18235304	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_91107	SVCTEAGMFAIR	AGAP011174-PA	C3(Carbamidomethyl), M8(Oxidation)	48	0.000129 359	2	1357.622	-1.54	Male reproductive organs	3L:-:18235153-18235118	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_91668	FDDGAGGDNEVQR	AGAP011174-PA	-	101	3.53E-10	2	1379.585	2.15	Ovary	3L:-:18235459-18235421	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_92397	FVVDLADSVAPTDIEEGMR	AGAP011174-PA	M18(Oxidation)	79	1.85E-07	2	2079.992	0.98	Head	3L:-:18236011-18235955	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_96893	YQIHIPLPPK	AGAP011174-PA	-	57	1.06E-05	1	1205.702	-1.95	Male reproductive organs	3L:-:18235873-18235844	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_97514	LREVVETPLLHPEK	AGAP011174-PA	-	42	0.000146 546	1	1659.947	2.36	Male reproductive organs	3L:-:18235753-18235712	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_97614	SVCTEAGMFAIR	AGAP011174-PA	C3(Carbamidomethyl), M8(Oxidation)	73	3.93E-07	2	1357.620	-2.62	Salivary gland	3L:-:18235153-18235118	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_97771	TMLELINQLDGFDPR	AGAP011174-PA	M2(Oxidation)	115	5.75E-11	1	1777.877	-0.99	Ovary	3L:-:18235420-18235376	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_97891	FVVDLADSVAPTDIEEGMR	AGAP011174-PA	-	80	1.59E-07	2	2064.001	2.78	Malpighian tubule	3L:-:18236011-18235955	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_99044	IDPTVTMMQVEEKPDVTYSDVGGCK	AGAP011174-PA	C24(Carbamidomethyl)	149	1.98E-14	1	2799.298	3.16	Head	3L:-:18235843-18235769	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_101108	IINADSDDPKYIINVK	AGAP011174-PA	-	85	2.69E-08	1	1817.973	4.82	Ovary	3L:-:18236071-18236024	exon=> In CDS Exon 4 of transcript AGAP011174-PA
JHU_Ag_103374	FDDGAGGDNEVQR	AGAP011174-PA	-	87	7.75E-09	2	1379.581	-0.68	Salivary gland	3L:-:18235459-18235421	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_104751	QILQNEQPLQVAR	AGAP011174-PA	-	43	0.000325 204	1	1536.849	0.05	Head	3L:-:18236186-18236330,18235950-18236081	exon=> In CDS Exon 4 and 3 of transcript AGAP011174-PA
JHU_Ag_108157	SVCTEAGMFAIR	AGAP011174-PA	C3(Carbamidomethyl), M8(Oxidation)	72	4.80E-07	1	1357.622	-1.72	Ovary	3L:-:18235153-18235118	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_111457	NKYQIHIPLPPK	AGAP011174-PA	-	29	0.002066 958	1	1447.843	0.99	Male reproductive organs	3L:-:18235879-18235844	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_113739	VATEKDFLEAVNK	AGAP011174-PA	-	44	0.000487 129	2	1463.775	0.49	Male reproductive organs	3L:-:18235105-18235067	exon=> In CDS Exon 5 of transcript AGAP011174-PA
JHU_Ag_114626	QILQNEQPLQVAR	AGAP011174-PA	-	91	4.93E-09	2	1536.849	0.05	Ovary	3L:-:18236186-18236330,18235950-18236081	exon=> In CDS Exon 4 and 3 of transcript AGAP011174-PA
JHU_Ag_115048	LREVVETPLLHPEK	AGAP011174-PA	-	50	2.75E-05	1	1659.949	3.9	Ovary	3L:-:18235753-18235712	exon=> In CDS Exon 5 of transcript AGAP011174-PA

JHU_Ag_1114	VLHLNR	AGAP011177-PA	N5(Deamidated)	34	0.000732883	2	752.443	1.56	Salivary gland	3L:+:18271241-18271258	exon=> In CDS Exon 28 of transcript AGAP011177-PA
JHU_Ag_24589	SLQVQVK	AGAP011177-PA	Q3(Deamidated), Q5(Deamidated)	45	0.000526163	2	803.453	2.85	Larva	3L:+:18270608-18270628	exon=> In CDS Exon 27 of transcript AGAP011177-PA
JHU_Ag_59490	VLHLNR	AGAP011177-PA	N5(Deamidated)	43	0.000119108	1	752.439	-2.9	Head	3L:+:18271241-18271258	exon=> In CDS Exon 28 of transcript AGAP011177-PA
JHU_Ag_85462	VLHLNR	AGAP011177-PA	N5(Deamidated)	35	0.000628108	2	752.441	0.1	Ovary	3L:+:18271241-18271258	exon=> In CDS Exon 28 of transcript AGAP011177-PA
JHU_Ag_105725	SLQVQVK	AGAP011177-PA	Q3(Deamidated), Q5(Deamidated)	51	0.000127663	1	803.451	-0.42	Pupa	3L:+:18270608-18270628	exon=> In CDS Exon 27 of transcript AGAP011177-PA
JHU_Ag_14156	RYQCPELTDR	AGAP011182-PA	C4(Carbamidomethyl)	61	9.62E-06	1	1337.620	-4.89	Head	3L:+:18295165-18295166,18295242-18295269	exon=> In CDS Exon 2 and 3 of transcript AGAP011182-PA
JHU_Ag_35399	HYAELGCKPILEEGQCCPK	AGAP011182-PA	C7(Carbamidomethyl), C16(Carbamidomethyl), C17(Carbamidomethyl)	32	0.005986725	3	2289.044	-1.14	Head	3L:+:18295108-18295164	exon=> In CDS Exon 2 of transcript AGAP011182-PA
JHU_Ag_61914	EDCIHQYTLHGCCAEK	AGAP011182-PA	C3(Carbamidomethyl), C12(Carbamidomethyl), C13(Carbamidomethyl)	57	5.73E-06	1	2020.832	0.44	Head	3L:+:18295510-18295557	exon=> In CDS Exon 4 of transcript AGAP011182-PA
JHU_Ag_485	TYDIDQPVPDAEVSQFCSAACYCR	AGAP011183-PA	C17(Carbamidomethyl), C21(Carbamidomethyl), C23(Carbamidomethyl)	84	1.21E-08	2	2852.193	-0.96	Pupa	3L:+:18299190-18299261	exon=> In CDS Exon 1 of transcript AGAP011183-PA
JHU_Ag_9307	CVHVDCAEFFK	AGAP011183-PA	C1(Carbamidomethyl), C6(Carbamidomethyl)	54	2.64E-05	1	1411.616	1.52	Pupa	3L:+:18299365-18299397	exon=> In CDS Exon 2 of transcript AGAP011183-PA
JHU_Ag_56659	LATCELESEIYR	AGAP011183-PA	C4(Carbamidomethyl)	97	3.00E-09	2	1483.716	4.52	Larva	3L:+:18299485-18299520	exon=> In CDS Exon 2 of transcript AGAP011183-PA
JHU_Ag_68388	TMHCQPVGNRPDGCPER	AGAP011183-PA	M2(Oxidation), C4(Carbamidomethyl), C14(Carbamidomethyl)	53	3.22E-05	1	2026.878	6.71	Larva	3L:+:18299082-18299132	exon=> In CDS Exon 1 of transcript AGAP011183-PA
JHU_Ag_85172	LATCELESEIYR	AGAP011183-PA	C4(Carbamidomethyl)	61	1.05E-05	2	1483.712	1.64	Male reproductive organs	3L:+:18299485-18299520	exon=> In CDS Exon 2 of transcript AGAP011183-PA
JHU_Ag_93266	LATCELESEIYR	AGAP011183-PA	C4(Carbamidomethyl)	86	3.42E-08	1	1483.708	-0.91	Pupa	3L:+:18299485-18299520	exon=> In CDS Exon 2 of transcript AGAP011183-PA
JHU_Ag_98450	QVYGGGIPVYKPDGCCPWEWR	AGAP011183-PA	C15(Carbamidomethyl), C16(Carbamidomethyl)	76	3.43E-07	1	2524.163	3.54	Pupa	3L:+:18299656-18299718	exon=> In CDS Exon 2 of transcript AGAP011183-PA
JHU_Ag_1046	TLSEANSEAGTVVR	AGAP011189-PA	-	101	1.67E-09	1	1433.724	0.81	Visceras	3L:+:18873318-18873359	exon=> In CDS Exon 2 of transcript AGAP011189-PA
JHU_Ag_1661	EVLDPSVLYEELR	AGAP011189-PA	-	47	0.000334218	2	1561.816	3.33	Visceras	3L:+:18873414-18873452	exon=> In CDS Exon 2 of transcript AGAP011189-PA
JHU_Ag_20336	VAAVLFR	AGAP011189-PA	-	35	0.001440088	1	775.482	-0.06	Head	3L:+:18874875-18874895	exon=> In CDS Exon 4 of transcript AGAP011189-PA
JHU_Ag_37250	LAGFVNDETLK	AGAP011189-PA	-	57	3.28E-05	2	1206.634	-1.74	Visceras	3L:+:18874947-18874979	exon=> In CDS Exon 4 of transcript AGAP011189-PA
JHU_Ag_38949	KVAAVLFR	AGAP011189-PA	-	26	0.003078879	2	903.578	1.08	Malpighian tubule	3L:+:18874872-18874895	exon=> In CDS Exon 4 of transcript AGAP011189-PA
JHU_Ag_46504	VAAVLFR	AGAP011189-PA	-	34	0.001461449	1	775.484	1.59	Pupa	3L:+:18874875-18874895	exon=> In CDS Exon 4 of transcript AGAP011189-PA
JHU_Ag_60199	EVLDPSVLYEELR	AGAP011189-PA	-	68	2.75E-06	1	1561.814	1.69	Head	3L:+:18873414-18873452	exon=> In CDS Exon 2 of transcript AGAP011189-PA
JHU_Ag_72217	VAAVLFR	AGAP011189-PA	-	34	0.001367047	1	775.486	4.35	Larva	3L:+:18874875-18874895	exon=> In CDS Exon 4 of transcript AGAP011189-PA

JHU_Ag_81453	SCAGIVEAVGTGSK	AGAP011189-PA	C2(Carbamidomethyl)	39	0.002219078	2	1335.656	-0.8	Visceras	3L:+:18873871-18873912	exon=> In CDS Exon 3 of transcript AGAP011189-PA
JHU_Ag_101488	QILVQDACSPVGCVITQLVHK	AGAP011189-PA	C8(Carbamidomethyl), C13(Carbamidomethyl)	86	2.29E-08	1	2365.242	2.06	Visceras	3L:+:18874126-18874188	exon=> In CDS Exon 3 of transcript AGAP011189-PA
JHU_Ag_104263	TLSEANSEAGTVVR	AGAP011189-PA	-	73	1.10E-06	2	1433.717	-4.04	Midgut	3L:+:18873318-18873359	exon=> In CDS Exon 2 of transcript AGAP011189-PA
JHU_Ag_113767	NAWSSFIQLVQR	AGAP011189-PA	-	55	3.48E-05	2	1448.769	2.98	Visceras	3L:+:18873360-18873395	exon=> In CDS Exon 2 of transcript AGAP011189-PA
JHU_Ag_2508	QCAVDPSLLDECGLEPEVK	AGAP011190-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	121	1.16E-11	1	2159.001	0.43	Head	3L:-:18876621-18877134,18876280-18876467	exon=> In CDS Exon 2 and 1 of transcript AGAP011190-PA
JHU_Ag_5220	VVTATDEADLAR	AGAP011190-PA	-	67	3.96E-06	2	1260.643	0.21	Visceras	3L:-:18876089-18876054	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_11170	INLIAPPLYVMTTSTPEK	AGAP011190-PA	M11(Oxidation)	54	2.37E-05	1	2004.081	4.59	Larva	3L:-:18876307-18876512,18875883-18876186	exon=> In CDS Exon 3 and 2 of transcript AGAP011190-PA
JHU_Ag_13540	DIEFEGSGDEEDDK	AGAP011190-PA	-	49	1.46E-05	2	1584.622	2.07	Head	3L:-:18875936-18875895	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_13962	AGLALSTEELPIK	AGAP011190-PA	-	103	2.94E-10	1	1341.763	0.47	Salivary gland	3L:-:18876346-18876308	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_14170	KLVSQAVK	AGAP011190-PA	-	41	0.000333476	2	872.553	-3.47	Salivary gland	3L:-:18876439-18876416	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_14439	AGLALSTEELPIK	AGAP011190-PA	-	103	3.13E-10	1	1341.763	0.65	Male reproductive organs	3L:-:18876346-18876308	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_16002	ESLLSNIQR	AGAP011190-PA	-	43	0.000727328	2	1059.579	-0.07	Salivary gland	3L:-:18876466-18876440	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_18231	TEPVVVIR	AGAP011190-PA	-	42	0.000198984	1	912.552	0.24	Ovary	3L:-:18876876-18876853	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_20481	AVNSILR	AGAP011190-PA	-	46	0.000476719	2	772.466	-2.72	Salivary gland	3L:-:18876759-18876739	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_26086	HVADIMGFDNQKLEELYEK	AGAP011190-PA	M6(Oxidation)	152	9.26E-15	1	2295.096	-0.16	Ovary	3L:-:18876738-18876682	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_27532	INLIAPPLYVMTTSTPEK	AGAP011190-PA	M11(Oxidation)	83	4.08E-08	1	2004.072	-0.16	Ovary	3L:-:18876307-18876512,18875883-18876186	exon=> In CDS Exon 3 and 2 of transcript AGAP011190-PA
JHU_Ag_27967	VGKTEPVVVIR	AGAP011190-PA	-	52	1.04E-05	1	1196.736	0.15	Malpighian tubule	3L:-:18876885-18876853	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_33007	QCAVDPSLLDECGLEPEVK	AGAP011190-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	106	3.72E-10	1	2159.008	4.05	Midgut	3L:-:18876621-18877134,18876280-18876467	exon=> In CDS Exon 2 and 1 of transcript AGAP011190-PA
JHU_Ag_37069	ALESAIEVIK	AGAP011190-PA	-	63	5.98E-06	2	1072.625	-0.1	Male reproductive organs	3L:-:18876170-18876141	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_39950	VTAFDVFK	AGAP011190-PA	-	42	0.000554553	1	926.498	-0.22	Male reproductive organs	3L:-:18876645-18876622	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_40231	HVADIMGFDNQKLEELYEK	AGAP011190-PA	M6(Oxidation)	105	3.94E-10	1	2295.097	0.4	Male reproductive organs	3L:-:18876738-18876682	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_42064	ALESAIEVIK	AGAP011190-PA	-	47	0.000189417	2	1072.630	4.57	Larva	3L:-:18876170-18876141	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_44428	VVTATDEADLAR	AGAP011190-PA	-	106	4.96E-10	1	1260.640	-2.11	Ovary	3L:-:18876089-18876054	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_46680	ADIECACYGYEGIDAVK	AGAP011190-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	127	1.81E-12	1	1933.836	2.98	Ovary	3L:-:18876409-18876359	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_47427	INLIAPPLYVMTTSTPEK	AGAP011190-PA	M11(Oxidation)	63	3.18E-06	1	1988.081	1.88	Salivary gland	3L:-:18876307-18876512,18875883-18876186	exon=> In CDS Exon 3 and 2 of transcript AGAP011190-PA

JHU_Ag_48832	ALESAIEVIK	AGAP011190-PA	-	39	0.001271723	1	1072.624	-0.44	Pupa	3L:-:18876170-18876141	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_49115	ALESAIEVIKETIEK	AGAP011190-PA	-	98	7.80E-10	1	1672.938	0.94	Male reproductive organs	3L:-:18876170-18876126	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_49313	ALESAIEVIKETIEK	AGAP011190-PA	-	44	0.000162954	3	1672.942	3.3	Larva	3L:-:18876170-18876126	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_55436	ADIECACYGYEGIDAVK	AGAP011190-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	128	1.41E-12	1	1933.832	0.64	Head	3L:-:18876409-18876359	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_58916	QCAVDPSLLDECGLEPEVK	AGAP011190-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	124	6.29E-12	1	2159.003	1.67	Ovary	3L:-:18876621-18877134,18876280-18876467	exon=> In CDS Exon 2 and 1 of transcript AGAP011190-PA
JHU_Ag_60629	AVNSILR	AGAP011190-PA	-	45	0.000454833	2	772.468	1.07	Ovary	3L:-:18876759-18876739	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_64015	HVADIMGFDNQKLEELYEK	AGAP011190-PA	M6(Oxidation)	122	8.65E-12	1	2295.107	4.79	Larva	3L:-:18876738-18876682	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_64436	QKYPEVEDVVMVNVR	AGAP011190-PA	M11(Oxidation)	65	4.87E-06	1	1820.922	0.42	Ovary	3L:-:18877047-18877003	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_65918	SINKLIR	AGAP011190-PA	-	42	0.000306905	1	843.541	-0.48	Malpighian tubule	3L:-:18876906-18876886	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_66863	ADIECACYGYEGIDAVK	AGAP011190-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	105	2.62E-10	1	1933.829	-0.81	Male reproductive organs	3L:-:18876409-18876359	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_67924	AVNSILR	AGAP011190-PA	-	50	0.00019665	2	772.468	0.21	Malpighian tubule	3L:-:18876759-18876739	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_68756	VVTATDEADLAR	AGAP011190-PA	-	68	2.63E-06	1	1260.646	1.92	Malpighian tubule	3L:-:18876089-18876054	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_68928	VVTATDEADLAR	AGAP011190-PA	-	97	3.18E-09	1	1260.641	-1.53	Male reproductive organs	3L:-:18876089-18876054	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_70745	ALESAIEVIKETIEK	AGAP011190-PA	-	40	0.000423994	1	1672.939	1.44	Pupa	3L:-:18876170-18876126	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_73168	ESLLSNIQR	AGAP011190-PA	-	49	0.000211218	2	1059.579	-0.41	Male reproductive organs	3L:-:18876466-18876440	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_73228	ALESAIEVIKETIEK	AGAP011190-PA	-	54	2.25E-05	1	1672.935	-1.29	Salivary gland	3L:-:18876170-18876126	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_73569	ALESAIEVIKETIEK	AGAP011190-PA	-	54	1.87E-05	1	1672.938	0.57	Midgut	3L:-:18876170-18876126	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_75956	VVTATDEADLAR	AGAP011190-PA	-	73	8.44E-07	2	1260.646	2.63	Salivary gland	3L:-:18876089-18876054	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_76448	INLIAPPLYVMTTSTPEK	AGAP011190-PA	M11(Oxidation)	52	4.99E-05	1	2004.073	0.44	Male reproductive organs	3L:-:18876307-18876512,18875883-18876186	exon=> In CDS Exon 3 and 2 of transcript AGAP011190-PA
JHU_Ag_77567	IRADIECACYGYEGIDAVK	AGAP011190-PA	C7(Carbamidomethyl), C9(Carbamidomethyl)	70	1.36E-06	2	2203.011	-2.32	Male reproductive organs	3L:-:18876415-18876359	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_78575	VTAFDVFK	AGAP011190-PA	-	55	2.84E-05	1	926.499	0.5	Ovary	3L:-:18876645-18876622	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_80199	ALESAIEVIK	AGAP011190-PA	-	64	4.45E-06	1	1072.625	-0.33	Ovary	3L:-:18876170-18876141	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_81670	AGLALSTEELPIK	AGAP011190-PA	-	77	1.07E-07	2	1341.763	0.38	Head	3L:-:18876346-18876308	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_84309	SIAEMGAYVYLLEYNNIEGMILLSELSR	AGAP011190-PA	M5(Oxidation), M20(Oxidation)	74	5.07E-07	1	3223.596	1.76	Ovary	3L:-:18877002-18876919	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_85713	ADIECACYGYEGIDAVK	AGAP011190-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	122	4.70E-12	1	1933.832	0.77	Salivary gland	3L:-:18876409-18876359	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_87297	VVTATDEADLAR	AGAP011190-PA	-	73	8.74E-07	2	1260.645	1.57	Head	3L:-:18876089-18876054	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_88876	AGLALSTEELPIK	AGAP011190-PA	-	97	1.33E-09	2	1341.762	-0.44	Midgut	3L:-:18876346-18876308	exon=> In CDS Exon 2 of transcript AGAP011190-PA

JHU_Ag_89152	ALESAIEVIKETIEK	AGAP011190-PA	-	84	1.92E-08	1	1672.937	0.02	Ovary	3L:-:18876170-18876126	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_90933	HVADIMGFDNQK	AGAP011190-PA	M6(Oxidation)	69	1.24E-06	1	1390.642	0.07	Ovary	3L:-:18876738-18876703	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_90946	ALESAIEVIK	AGAP011190-PA	-	69	1.27E-06	2	1072.626	1.04	Salivary gland	3L:-:18876170-18876141	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_93273	AVNSILR	AGAP011190-PA	-	50	0.000202891	2	772.466	-2.24	Male reproductive organs	3L:-:18876759-18876739	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_93446	AGLALSTEELPIK	AGAP011190-PA	-	71	4.85E-07	1	1341.765	1.92	Pupa	3L:-:18876346-18876308	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_94307	KLVSQAVK	AGAP011190-PA	-	43	0.000223388	2	872.557	1.01	Ovary	3L:-:18876439-18876416	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_99789	VSPEDVEKCTER	AGAP011190-PA	C9(Carbamidomethyl)	51	8.56E-05	1	1448.671	1.58	Malpighian tubule	3L:-:18876810-18876775	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_105357	ADIECACYGYEGIDAVK	AGAP011190-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	137	1.70E-13	1	1933.831	-0.05	Midgut	3L:-:18876409-18876359	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_106808	GYIDLSK	AGAP011190-PA	-	42	0.000600235	1	795.425	0.47	Ovary	3L:-:18876837-18876817	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_106941	HVADIMGFDNQKLEELYEK	AGAP011190-PA	M6(Oxidation)	75	4.96E-07	1	2279.101	-0.11	Midgut	3L:-:18876738-18876682	exon=> In CDS Exon 1 of transcript AGAP011190-PA
JHU_Ag_107090	VVTATDEADLAR	AGAP011190-PA	-	77	4.06E-07	1	1260.643	0.11	Pupa	3L:-:18876089-18876054	exon=> In CDS Exon 3 of transcript AGAP011190-PA
JHU_Ag_107925	AGLALSTEELPIK	AGAP011190-PA	-	99	7.18E-10	1	1341.765	1.56	Ovary	3L:-:18876346-18876308	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_109125	INLIAPPLYVMTTSTPEK	AGAP011190-PA	M11(Oxidation)	57	1.41E-05	1	2004.071	-0.47	Midgut	3L:-:18876307-18876512,18875883-18876186	exon=> In CDS Exon 3 and 2 of transcript AGAP011190-PA
JHU_Ag_114104	KLVSQAVK	AGAP011190-PA	-	44	0.000100539	2	872.559	3.24	Male reproductive organs	3L:-:18876439-18876416	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_117169	AGLALSTEELPIK	AGAP011190-PA	-	82	3.75E-08	1	1341.767	3.65	Malpighian tubule	3L:-:18876346-18876308	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_117348	ADIECACYGYEGIDAVK	AGAP011190-PA	C5(Carbamidomethyl), C7(Carbamidomethyl)	46	0.000170195	2	1933.830	-0.31	Visceras	3L:-:18876409-18876359	exon=> In CDS Exon 2 of transcript AGAP011190-PA
JHU_Ag_28999	AAELALELKK	AGAP011192-PA	-	34	0.001374765	1	1085.668	10.79	Visceras	3L:+:18913864-18913893	exon=> In CDS Exon 10 of transcript AGAP011192-PA
JHU_Ag_4751	QPAAHPPINEMLLAAVK	AGAP011193-PA	-	36	0.00212858	1	1799.987	1.79	Visceras	3L:-:18931063-18931013	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_21625	QPAAHPPINEMLLAAVK	AGAP011193-PA	M11(Oxidation)	37	0.002063133	1	1815.982	1.92	Ovary	3L:-:18931063-18931013	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_23237	LASFFK	AGAP011193-PA	-	32	0.003768669	1	712.405	2.75	Malpighian tubule	3L:-:18930931-18930914	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_23577	LASFFK	AGAP011193-PA	-	37	0.000967848	2	712.402	-1.87	Head	3L:-:18930931-18930914	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_29417	LASFFK	AGAP011193-PA	-	32	0.003497899	1	712.403	-0.25	Male reproductive organs	3L:-:18930931-18930914	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_33581	KPVVEK	AGAP011193-PA	-	43	0.000229218	1	699.442	2.81	Head	3L:-:18930820-18930803	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_38145	KPVVEK	AGAP011193-PA	-	41	0.000337481	2	699.442	2.79	Salivary gland	3L:-:18930820-18930803	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_63463	KPVVEK	AGAP011193-PA	-	35	0.000733538	1	699.440	0.02	Male reproductive organs	3L:-:18930820-18930803	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_82663	QPAAHPPINEMLLAAVK	AGAP011193-PA	-	46	0.000206865	1	1799.985	0.47	Salivary gland	3L:-:18931063-18931013	exon=> In CDS Exon 1 of transcript AGAP011193-PA
JHU_Ag_97862	KPVVEK	AGAP011193-PA	-	34	0.000828748	1	699.440	0.02	Ovary	3L:-:18930820-18930803	exon=> In CDS Exon 1 of transcript AGAP011193-PA

JHU_Ag_75934	KADGAAAK	AGAP011193-PA,AGAP005264-PA,AGAP005266-PA	-	43	0.001475398	2	731.407	3.21	Ovary	3L:-:18930697-18930674;2L:-:13392716-13392693;2L:-:13420619-13420596	exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA
JHU_Ag_97694	GTGASGSFK	AGAP011193-PA,AGAP005264-PA,AGAP005266-PA	-	37	0.002384592	1	811.394	-0.36	Ovary	3L:-:18930865-18930839;2L:-:13392893-13392867;2L:-:13420796-13420770	exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA
JHU_Ag_15749	KYVAANYK	AGAP011193-PA,AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	36	0.001818846	1	956.519	-0.58	Ovary	3L:-:18930970-18930947;2L:-:13392998-13392975;2L:-:13420901-13420878;2L:-:13401344-13401321	exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_32653	YVAANYK	AGAP011193-PA,AGAP005264-PA,AGAP005266-PA,AGAP005265-PA	-	43	0.000427651	1	828.426	1.63	Visceras	3L:-:18930967-18930947;2L:-:13392995-13392975;2L:-:13420898-13420878;2L:-:13401341-13401321	exon=> In CDS Exon 1 of transcript AGAP011193-PA;exon=> In CDS Exon 1 of transcript AGAP005264-PA;exon=> In CDS Exon 1 of transcript AGAP005266-PA;exon=> In CDS Exon 1 of transcript AGAP005265-PA
JHU_Ag_31693	LGAYSGTGGDSLTYHK	AGAP011197-PA	-	62	8.43E-06	1	1626.776	0.03	Head	3L:-:19242505-19242458	exon=> In CDS Exon 1 of transcript AGAP011197-PA
JHU_Ag_34842	VVYASATGASEPR	AGAP011199-PA	-	57	3.04E-05	2	1307.666	5.26	Malpighian tubule	3L:-:19282989-19282951	exon=> In CDS Exon 4 of transcript AGAP011199-PA
JHU_Ag_7693	TQLLYGETGR	AGAP011202-PA	-	43	0.000584131	2	1137.591	0.85	Salivary gland	3L:-:19300944-19300915	exon=> In CDS Exon 2 of transcript AGAP011202-PA
JHU_Ag_40275	VHDQTFLAHFISYAAR	AGAP011202-PA	-	123	7.77E-12	1	1875.958	4.24	Malpighian tubule	3L:-:19300388-19300341	exon=> In CDS Exon 3 of transcript AGAP011202-PA
JHU_Ag_71217	TQLLYGETGR	AGAP011202-PA	-	40	0.001388386	2	1137.590	0.42	Malpighian tubule	3L:-:19300944-19300915	exon=> In CDS Exon 2 of transcript AGAP011202-PA
JHU_Ag_1674	NPPNVNPASQGASLTEGK	AGAP011203-PA	-	127	3.56E-12	1	1780.883	0.41	Ovary	3L:-:19303810-19303757	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_7964	MDIFYELVK	AGAP011203-PA	-	40	0.001222819	2	1157.593	1.43	Pupa	3L:-:19303483-19303457	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_8118	NPPNVNPASQGASLTEGKR	AGAP011203-PA	-	93	8.70E-09	2	1936.980	-1.92	Ovary	3L:-:19303810-19303754	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_9620	MDIFYELVKR	AGAP011203-PA	-	34	0.003525677	1	1313.697	3.33	Head	3L:-:19303483-19303454	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_11629	FVLCPECDNPETDLIVSSK	AGAP011203-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	86	3.13E-08	2	2223.035	1.72	Ovary	3L:-:19303954-19303898	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_11656	MDIFYELVK	AGAP011203-PA	M1(Oxidation)	47	0.000322649	1	1173.587	0.96	Ovary	3L:-:19303483-19303457	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_13296	VNTFIIK	AGAP011203-PA	-	39	0.000453521	2	834.510	1.4	Head	3L:-:19303831-19303811	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_17396	AIGRPATYPTK	AGAP011203-PA	-	39	0.00125165	1	1174.659	1.31	Head	3L:-:19304174-19304142	exon=> In CDS Exon 1 of transcript AGAP011203-PA
JHU_Ag_19622	EIAAQIHER	AGAP011203-PA	-	58	2.15E-05	1	1066.566	1.47	Head	3L:-:19303099-19303073	exon=> In CDS Exon 2 of transcript AGAP011203-PA

JHU_Ag_20685	NPPNVNPASQGASLTEGK	AGAP011203-PA	-	54	6.78E-05	1	1780.890	3.97	Male reproductive organs	3L:-:19303810-19303757	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_30003	DANELDNVQVHK	AGAP011203-PA	-	57	2.96E-05	1	1381.670	-0.17	Ovary	3L:-:19303447-19303412	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_31513	DANELDNVQVHK	AGAP011203-PA	-	85	4.81E-08	1	1381.670	-0.79	Malpighian tubule	3L:-:19303447-19303412	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_32826	LFYDSDVLDEK	AGAP011203-PA	-	92	6.84E-09	1	1343.638	1.31	Ovary	3L:-:19303180-19303148	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_33502	LQDLLDGFIR	AGAP011203-PA	-	68	1.46E-06	1	1189.662	3.31	Head	3L:-:19303987-19303958	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_35362	LQDLLDGFIR	AGAP011203-PA	-	48	0.000153912	2	1189.662	3.31	Male reproductive organs	3L:-:19303987-19303958	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_40072	EIAAQIHER	AGAP011203-PA	-	49	0.00014879	2	1066.562	-1.85	Ovary	3L:-:19303099-19303073	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_46482	MDIFYELVK	AGAP011203-PA	-	34	0.003888867	2	1157.591	-0.04	Midgut	3L:-:19303483-19303457	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_48989	DANELDNVQVHK	AGAP011203-PA	-	53	7.73E-05	2	1381.681	7.52	Male reproductive organs	3L:-:19303447-19303412	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_50678	LQDLLDGFIR	AGAP011203-PA	-	69	1.52E-06	2	1189.659	1.36	Malpighian tubule	3L:-:19303987-19303958	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_55906	NPPNVNPASQGASLTEGK	AGAP011203-PA	-	62	1.19E-05	2	1780.882	-0.14	Salivary gland	3L:-:19303810-19303757	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_56573	FIVNGSHDAAK	AGAP011203-PA	-	46	0.000375222	1	1158.592	1.48	Malpighian tubule	3L:-:19304020-19303988	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_57238	FIVNGSHDAAK	AGAP011203-PA	N4(Deamidated)	44	0.00056511	1	1159.574	-0.42	Ovary	3L:-:19304020-19303988	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_57620	LQDLLDGFIR	AGAP011203-PA	-	68	1.84E-06	1	1189.659	1.15	Ovary	3L:-:19303987-19303958	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_57713	LFYDSDVLDEK	AGAP011203-PA	-	50	0.000125089	2	1343.633	-2.5	Midgut	3L:-:19303180-19303148	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_62432	TVIVNMADVAR	AGAP011203-PA	M6(Oxidation)	69	1.70E-06	2	1204.638	1.96	Ovary	3L:-:19304207-19304175	exon=> In CDS Exon 1 of transcript AGAP011203-PA
JHU_Ag_74816	DANELDNVQVHK	AGAP011203-PA	-	75	4.58E-07	1	1381.673	1.69	Head	3L:-:19303447-19303412	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_78015	NPPNVNPASQGASLTEGK	AGAP011203-PA	-	105	5.62E-10	1	1780.886	2.12	Head	3L:-:19303810-19303757	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_86986	DANELDNVQVHK	AGAP011203-PA	-	91	1.48E-08	1	1381.675	3.36	Midgut	3L:-:19303447-19303412	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_87102	FVLCPECDNPETDLIVSSK	AGAP011203-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	86	3.27E-08	2	2223.031	-0.04	Head	3L:-:19303954-19303898	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_87408	NVTDIFYR	AGAP011203-PA	-	49	0.000132246	1	1027.520	-0.9	Ovary	3L:-:19304285-19304262	exon=> In CDS Exon 1 of transcript AGAP011203-PA
JHU_Ag_87510	TVIVNMADVAR	AGAP011203-PA	M6(Oxidation)	53	7.46E-05	2	1204.637	0.84	Malpighian tubule	3L:-:19304207-19304175	exon=> In CDS Exon 1 of transcript AGAP011203-PA
JHU_Ag_95360	LQDLLDGFIR	AGAP011203-PA	-	65	3.52E-06	1	1189.660	2.08	Salivary gland	3L:-:19303987-19303958	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_99028	LFYDSDVLDEK	AGAP011203-PA	-	68	1.81E-06	1	1343.639	1.86	Head	3L:-:19303180-19303148	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_104443	ACGFHGPLEVNHK	AGAP011203-PA	C2(Carbamidomethyl)	46	0.000374423	1	1465.701	0.51	Salivary gland	3L:-:19303870-19303832	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_109577	VNTFIIK	AGAP011203-PA	-	37	0.000735524	1	834.509	0.45	Salivary gland	3L:-:19303831-19303811	exon=> In CDS Exon 2 of transcript AGAP011203-PA
JHU_Ag_17	LFDGGRNPPPGTVVDDIVTLPER	AGAP011204-PA	-	80	9.90E-08	1	2464.289	2.44	Male reproductive organs	3L:+:19315379-19315446,19315528-19315528	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA

JHU_Ag_187	AFLILNLMHR	AGAP011204-PA	M8(Oxidation)	53	5.09E-05	1	1243.704	4.92	Malpighian tubule	3L:+:19313656-19313685	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_4360	AFLILNLMHR	AGAP011204-PA	M8(Oxidation)	71	5.19E-07	1	1227.707	2.93	Ovary	3L:+:19313656-19313685	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_5536	YQEQFGEGVLPR	AGAP011204-PA	-	81	1.17E-07	1	1422.701	-0.37	Male reproductive organs	3L:+:19315181-19315216	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_7804	LGGIPWIVK	AGAP011204-PA	-	64	6.47E-07	1	982.612	3.76	Ovary	3L:+:19314950-19314976	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_8078	LFDGGRNPPPGTVVDDIVTLPER	AGAP011204-PA	-	89	1.27E-08	1	2464.285	0.88	Ovary	3L:+:19315379-19315446,19315528-19315528	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_8343	LVEVPAR	AGAP011204-PA	-	42	0.000269194	2	783.474	1.92	Malpighian tubule	3L:+:19314370-19314390	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_8520	EGENITFMEYYR	AGAP011204-PA	M8(Oxidation)	65	2.84E-06	2	1551.688	6.09	Malpighian tubule	3L:+:19314034-19314069	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_8760	VGTVDMTSEKAFLILNLMHR	AGAP011204-PA	M6(Oxidation), M18(Oxidation),M18(Oxidation),M6(Oxidation)	144	3.63E-14	1	2291.198	4.02	Malpighian tubule	3L:+:19313626-19313685	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_9661	YQEQFGEGVLPRR	AGAP011204-PA	-	38	0.002685525	1	1578.806	2.29	Malpighian tubule	3L:+:19315181-19315219	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_9813	VAQPQILYLQNDSGASYTNAINELMNK	AGAP011204-PA	M25(Oxidation)	109	1.65E-10	1	3011.489	3.81	Ovary	3L:+:19314604-19314620,19314694-19314757	exon=> In CDS Exon 2 and 3 of transcript AGAP011204-PA
JHU_Ag_9836	SIADQTR	AGAP011204-PA	-	41	0.001009762	2	790.408	2.69	Malpighian tubule	3L:+:19314238-19314258	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_9922	YVPEVVVTR	AGAP011204-PA	-	36	0.001657001	2	1061.603	3.37	Malpighian tubule	3L:+:19313299-19313325	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_10419	SQLTVIVVNKR	AGAP011204-PA	-	77	4.00E-08	1	1256.769	0.23	Ovary	3L:+:19315334-19315366	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_13627	LQETPASR	AGAP011204-PA	-	46	0.000436028	2	901.474	-0.15	Ovary	3L:+:19314307-19314330	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_13761	SGASGPILLVPELCR	AGAP011204-PA	C14(Carbamidomethyl)	73	4.23E-07	1	1568.852	3.21	Male reproductive organs	3L:+:19314145-19314189	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_16491	ALLTIATK	AGAP011204-PA	-	62	2.20E-06	1	830.538	3.86	Ovary	3L:+:19314902-19314925	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_17590	GEELSSFLSSNIVK	AGAP011204-PA	-	66	3.55E-06	1	1509.779	-0.08	Male reproductive organs	3L:+:19315127-19315168	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_17980	ISIPQYGLELFPGYVTSIR	AGAP011204-PA	-	81	3.06E-08	2	2153.178	6.31	Malpighian tubule	3L:+:19313749-19313805	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_18017	LTGITDDMRR	AGAP011204-PA	-	46	0.000484394	1	1177.600	0.8	Malpighian tubule	3L:+:19314190-19314219	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_18903	ILVYRDGVGDGQLGHVVDHEVR	AGAP011204-PA	-	152	4.69E-15	1	2433.275	4.6	Malpighian tubule	3L:+:19315220-19315285	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_19499	LAFLVSQFIHNQPHNMLEGR	AGAP011204-PA	M16(Oxidation)	140	1.21E-13	1	2367.212	3.91	Ovary	3L:+:19315718-19315777	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_19693	NPPPGTVVDDIVTLPER	AGAP011204-PA	-	137	1.90E-13	1	1818.970	5.67	Ovary	3L:+:19315397-19315446,19315528-19315528	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_19955	YQEQFGEGVLPRR	AGAP011204-PA	-	34	0.005790172	1	1578.803	0.44	Ovary	3L:+:19315181-19315219	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_20100	DPRTDLLYK	AGAP011204-PA	-	38	0.002363409	1	1120.602	1.63	Malpighian tubule	3L:+:19313584-19313610	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_20705	QHEKDVLLCVEITHR	AGAP011204-PA	C9(Carbamidomethyl)	67	2.90E-06	1	1876.971	0.85	Ovary	3L:+:19313806-19313850	exon=> In CDS Exon 2 of transcript AGAP011204-PA

JHU_Ag_21416	LFDGGRNPPPGTVVDDIVTLPER	AGAP011204-PA	-	64	3.57E-06	1	2464.294	4.45	Malpighian tubule	3L:+:19315379-19315446,19315528-19315528	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_22546	NPPPGTVVDDIVTLPER	AGAP011204-PA	-	102	5.43E-10	1	1818.973	7.15	Malpighian tubule	3L:+:19315397-19315446,19315528-19315528	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_24305	AYNITIRDPK	AGAP011204-PA	-	34	0.003726244	1	1190.656	2.39	Ovary	3L:+:19314073-19314102	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_24584	VTDVDFNTTPSSSFTSR	AGAP011204-PA	-	78	2.25E-07	2	1860.861	-0.24	Salivary gland	3L:+:19313983-19314033	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_24680	CCVDRPLPCQVIK	AGAP011204-PA	C1(Carbamidomethyl), C2(Carbamidomethyl), C9(Carbamidomethyl)	68	2.37E-06	1	1644.805	1.58	Ovary	3L:+:19314827-19314865	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_24683	IDFDPVVEDQR	AGAP011204-PA	-	99	2.37E-09	2	1332.644	0.93	Malpighian tubule	3L:+:19313434-19313466	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_24791	NPPPGTVVDDIVTLPERTDFFLISQSVR	AGAP011204-PA	-	73	3.40E-07	1	3112.632	0.22	Ovary	3L:+:19315397-19315446,19315528-19315561	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_26809	SGASGPILLVPELCR	AGAP011204-PA	C14(Carbamidomethyl)	106	2.18E-10	1	1568.852	3.68	Malpighian tubule	3L:+:19314145-19314189	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_27184	VVHALLR	AGAP011204-PA	-	39	0.000117015	1	807.522	2.54	Malpighian tubule	3L:+:19313467-19313487	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_27999	FNERLQETPASR	AGAP011204-PA	-	73	7.44E-07	1	1447.733	2.89	Malpighian tubule	3L:+:19314295-19314330	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_28088	TDLLYKLR	AGAP011204-PA	-	54	1.02E-05	2	1021.607	2.89	Malpighian tubule	3L:+:19313593-19313616	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_29243	EVFTFWK	AGAP011204-PA	-	45	0.000235146	1	956.488	0.45	Male reproductive organs	3L:+:19314331-19314351	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_29917	DGVGDGQLGHVVDHEVR	AGAP011204-PA	-	46	0.000347427	1	1788.855	-4.02	Head	3L:+:19315235-19315285	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_31455	VVHALLR	AGAP011204-PA	-	36	0.000227637	2	807.523	3.37	Ovary	3L:+:19313467-19313487	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_31478	QGTVSPTSYNVIFDESGLKPDQLQVYTAK	AGAP011204-PA	-	157	1.62E-15	1	3185.616	4.9	Malpighian tubule	3L:+:19315562-19315648	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_31994	RLVEVPAR	AGAP011204-PA	-	45	9.19E-05	2	939.576	2.85	Malpighian tubule	3L:+:19314367-19314390	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_32019	EDSVIFQYR	AGAP011204-PA	-	40	0.000964389	2	1156.567	3.42	Ovary	3L:+:19313407-19313433	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_32388	YQEQFGEGVLPR	AGAP011204-PA	-	93	6.99E-09	1	1422.707	3.92	Ovary	3L:+:19315181-19315216	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_32763	EGENITFMEYYRK	AGAP011204-PA	M8(Oxidation)	98	2.37E-09	1	1679.776	1.55	Ovary	3L:+:19314034-19314072	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_33151	VYENHEFKSQLTVIVVNK	AGAP011204-PA	-	111	7.91E-11	1	2147.150	0.1	Ovary	3L:+:19315310-19315363	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_33661	KEDSVIFQYR	AGAP011204-PA	-	81	1.10E-07	1	1284.662	2.61	Ovary	3L:+:19313404-19313433	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_33814	ADGGGVPAGPEADWNQAFR	AGAP011204-PA	-	138	1.65E-13	1	1914.881	4.11	Ovary	3L:+:19314421-19314477	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_34348	ISIPQYGLELFPGYVTSIR	AGAP011204-PA	-	73	2.00E-07	1	2153.170	2.57	Male reproductive organs	3L:+:19313749-19313805	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_34436	SGASGPILLVPELCR	AGAP011204-PA	C14(Carbamidomethyl)	55	2.86E-05	1	1568.853	4.14	Visceras	3L:+:19314145-19314189	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_35609	VMRTDTVYK	AGAP011204-PA	M2(Oxidation)	36	0.002821134	1	1128.574	1.74	Malpighian tubule	3L:+:19313851-19313877	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_37052	YFSVIER	AGAP011204-PA	-	36	0.001460696	2	913.478	-0.32	Male reproductive organs	3L:+:19315097-19315117	exon=> In CDS Exon 3 of transcript AGAP011204-PA

JHU_Ag_38750	LPNAPSK	AGAP011204-PA	-	39	0.000515305	1	726.418	4.17	Ovary	3L:+:19313326-19313346	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_39085	DFVGAMMQVSNGMGFK	AGAP011204-PA	M6(Oxidation), M7(Oxidation), M13(Oxidation)	40	0.000657315	1	1766.762	4.11	Male reproductive organs	3L:+:19314556-19314603	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_39354	LLAQETIMFR	AGAP011204-PA	M8(Oxidation)	76	2.37E-07	1	1237.663	1.44	Malpighian tubule	3L:+:19314391-19314420	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_39598	RLVEVPAR	AGAP011204-PA	-	42	8.79E-05	2	939.577	3.3	Ovary	3L:+:19314367-19314390	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_41013	NPLSSVMVVGFDVCHDASDKSLSYGALVATMYAAK	AGAP011204-PA	M7(Oxidation), C14(Carbamidomethyl), M31(Oxidation)	50	9.45E-05	1	3735.786	4.04	Ovary	3L:+:19314977-19315081	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_41339	TDLLYK	AGAP011204-PA	-	39	0.00062193	1	752.421	2.64	Ovary	3L:+:19313593-19313610	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_41352	VGTVDMTSEK	AGAP011204-PA	M6(Oxidation)	66	3.15E-06	1	1082.508	4.5	Ovary	3L:+:19313626-19313655	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_41556	RILVYR	AGAP011204-PA	-	29	0.001485628	1	819.521	0.8	Ovary	3L:+:19315217-19315234	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_41719	GEELSSFLSSNIVK	AGAP011204-PA	-	91	1.05E-08	1	1509.786	4.45	Malpighian tubule	3L:+:19315127-19315168	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_43245	YYFDPLAK	AGAP011204-PA	-	41	0.001342855	1	1016.512	3.42	Malpighian tubule	3L:+:19313725-19313748	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_43595	ADGGGVPAGPEADWNQAFRNNHMFK	AGAP011204-PA	M23(Oxidation)	76	3.20E-07	1	2686.232	3.96	Malpighian tubule	3L:+:19314421-19314495	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_44309	RVGTVDMTSEK	AGAP011204-PA	M7(Oxidation)	46	0.000368109	1	1222.610	0.19	Ovary	3L:+:19313623-19313655	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_44516	SYKVTDVDFNTTPSSSFTSR	AGAP011204-PA	-	112	8.83E-11	1	2239.060	4	Malpighian tubule	3L:+:19313974-19314033	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_44945	TLQNMQR	AGAP011204-PA	M5(Oxidation)	35	0.00368081	1	906.450	3.77	Ovary	3L:+:19313878-19313898	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_45188	YVPEVVVTR	AGAP011204-PA	-	59	9.65E-06	1	1061.601	2.33	Ovary	3L:+:19313299-19313325	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_46290	YVPEVVVTRLPNAPSK	AGAP011204-PA	-	72	2.61E-07	1	1768.998	1.37	Ovary	3L:+:19313299-19313346	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_46418	VGTVDMTSEK	AGAP011204-PA	M6(Oxidation)	54	4.53E-05	2	1082.505	1.12	Malpighian tubule	3L:+:19313626-19313655	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_47462	LGGIPWIVK	AGAP011204-PA	-	49	3.12E-05	2	982.607	-1.64	Male reproductive organs	3L:+:19314950-19314976	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_47733	VMIQLNCK	AGAP011204-PA	M2(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	54	7.24E-05	1	1005.522	0.05	Ovary	3L:+:19314926-19314949	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_48211	YFSVIER	AGAP011204-PA	-	35	0.002134549	2	913.480	2.22	Malpighian tubule	3L:+:19315097-19315117	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_49047	YYFDPLAK	AGAP011204-PA	-	44	0.000633912	1	1016.513	4.26	Ovary	3L:+:19313725-19313748	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_51181	EVFTFWK	AGAP011204-PA	-	49	9.23E-05	1	956.490	2.55	Ovary	3L:+:19314331-19314351	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_52404	LLAQETIMFR	AGAP011204-PA	M8(Oxidation)	88	1.77E-08	2	1237.668	5.29	Ovary	3L:+:19314391-19314420	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_52486	LLPINRYYFDPLAK	AGAP011204-PA	-	32	0.002270221	1	1722.964	3.82	Malpighian tubule	3L:+:19313707-19313748	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_52630	VTDVDFNTTPSSSFTSR	AGAP011204-PA	-	112	8.16E-11	1	1860.864	1.8	Male reproductive organs	3L:+:19313983-19314033	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_52828	DGVGDGQLGHVVDHEVR	AGAP011204-PA	-	123	7.96E-12	1	1788.870	4.45	Malpighian tubule	3L:+:19315235-19315285	exon=> In CDS Exon 3 of transcript AGAP011204-PA

JHU_Ag_53087	VMIQLNCK	AGAP011204-PA	M2(Oxidation), C7(Carbamidomethyl)	44	0.000829381	2	1021.519	2.45	Malpighian tubule	3L:+:19314926-19314949	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_55096	AFLILNLMHR	AGAP011204-PA	M8(Oxidation)	39	0.00131396	1	1243.698	-0.32	Male reproductive organs	3L:+:19313656-19313685	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_55589	KYQEQFGEGVLPR	AGAP011204-PA	-	98	2.37E-09	2	1550.797	0.68	Ovary	3L:+:19315178-19315216	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_56809	TDFFLISQSVR	AGAP011204-PA	-	75	3.82E-07	1	1312.696	4.55	Malpighian tubule	3L:+:19315529-19315561	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_58750	QDEVELQVK	AGAP011204-PA	-	57	3.30E-05	2	1087.567	3.71	Ovary	3L:+:19313557-19313583	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_59243	DFVGAMMQVSNGMGFK	AGAP011204-PA	M7(Oxidation), M13(Oxidation),M6(Oxidation),"M6(Oxidation), M7(Oxidation)",M13(Oxidation),"M7(Oxidation), N11(Deamidated), M13(Oxidation)","M6(Oxidation), M7(Oxidation), M13(Oxidation)","M6(Oxidation), M13(Oxidation)","M6(Oxidation), M7(Oxidation), N11(Deamidated), M13(Oxidation)",M7(Oxidation)	123	3.20E-12	1	1766.761	3.69	Ovary	3L:+:19314556-19314603	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_60301	LPNAPSK	AGAP011204-PA	-	33	0.001301788	1	726.414	-0.77	Male reproductive organs	3L:+:19313326-19313346	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_60649	QPMLVSTPSQR	AGAP011204-PA	M3(Oxidation)	49	0.000214296	1	1259.645	2.99	Ovary	3L:+:19314103-19314135	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_60759	VTDVDFNTTPSSSFTSR	AGAP011204-PA	-	86	3.73E-08	2	1860.869	4.16	Malpighian tubule	3L:+:19313983-19314033	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_61328	QTHLYYNWCGSVAVPAVCQYAHK	AGAP011204-PA	C9(Carbamidomethyl), C18(Carbamidomethyl)	72	8.24E-07	1	2752.284	2.86	Ovary	3L:+:19315649-19315717	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_61639	LQETPASR	AGAP011204-PA	-	38	0.002702986	1	901.476	1.89	Malpighian tubule	3L:+:19314307-19314330	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_62817	MVVGSQVMCTYNQK	AGAP011204-PA	M1(Oxidation), C9(Carbamidomethyl),C9(Carbamidomethyl),"M8(Oxidation), C9(Carbamidomethyl)"," M1(Oxidation), M8(Oxidation), C9(Carbamidomethyl)"	101	7.06E-10	1	1676.748	2.28	Ovary	3L:+:19313932-19313973	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_63482	MVVGSQVMCTYNQK	AGAP011204-PA	C9(Carbamidomethyl),"M1(Oxidation), M8(Oxidation), C9(Carbamidomethyl)"," M1(Oxidation), C9(Carbamidomethyl)"," M8(Oxidation), C9(Carbamidomethyl)"	94	4.51E-09	2	1660.757	4.98	Malpighian tubule	3L:+:19313932-19313973	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_68291	TDLLYKLR	AGAP011204-PA	-	48	4.78E-05	1	1021.604	0.02	Ovary	3L:+:19313593-19313616	exon=> In CDS Exon 2 of transcript AGAP011204-PA

JHU_Ag_69376	NPLSSVMVVGFDVCHDASDK	AGAP011204-PA	M7(Oxidation), C14(Carbamidomethyl),C14(Carbamidomethyl)	142	8.17E-14	1	2193.006	5.02	Ovary	3L:+:19314977-19315036	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_69487	IDFDPVVEDQR	AGAP011204-PA	-	100	2.00E-09	1	1332.648	3.41	Ovary	3L:+:19313434-19313466	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_70805	HGTLGTK	AGAP011204-PA	-	40	0.000376354	1	713.394	0.53	Ovary	3L:+:19313347-19313367	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_71507	LAFLVSQFIHNQPHNMLEGR	AGAP011204-PA	M16(Oxidation)	91	7.46E-09	1	2351.231	9.9	Malpighian tubule	3L:+:19315718-19315777	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_73860	DVLLCVEITHR	AGAP011204-PA	C5(Carbamidomethyl)	88	1.70E-08	1	1354.721	4.57	Ovary	3L:+:19313818-19313850	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_74054	QHEKDVLLCVEITHR	AGAP011204-PA	C9(Carbamidomethyl)	40	0.00144796	1	1876.977	3.68	Malpighian tubule	3L:+:19313806-19313850	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_74710	LGGIPWIVK	AGAP011204-PA	-	30	0.002263226	1	982.607	-1.14	Salivary gland	3L:+:19314950-19314976	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_74904	LLAQETIMFRADGGGVPAGPEADWNQAFR	AGAP011204-PA	M8(Oxidation)	95	3.76E-09	1	3117.543	6.88	Malpighian tubule	3L:+:19314391-19314477	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_75070	TDFFLISQSVR	AGAP011204-PA	-	82	6.78E-08	2	1312.692	1.85	Male reproductive organs	3L:+:19315529-19315561	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_75844	NPPPGTVVDDIVTLPER	AGAP011204-PA	-	99	1.19E-09	1	1818.962	1.51	Male reproductive organs	3L:+:19315397-19315446,19315528-19315528	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_76771	SYKVTDVDFNTTPSSSFTSR	AGAP011204-PA	-	105	3.98E-10	1	2239.052	0.4	Ovary	3L:+:19313974-19314033	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_76882	WFIVCER	AGAP011204-PA	C5(Carbamidomethyl)	36	0.003254694	1	1009.498	5.05	Ovary	3L:+:19314514-19314534	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_76883	HQRGEELSSFLSSNIVK	AGAP011204-PA	-	93	6.78E-09	1	1930.999	0.39	Ovary	3L:+:19315118-19315168	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_76918	KYQEQFGEGVLPR	AGAP011204-PA	-	76	3.23E-07	2	1550.797	0.45	Male reproductive organs	3L:+:19315178-19315216	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_77311	SLSYGALVATMYAAK	AGAP011204-PA	M11(Oxidation)	112	8.91E-11	1	1561.794	0.48	Ovary	3L:+:19315037-19315081	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_78143	KYQEQFGEGVLPR	AGAP011204-PA	-	99	1.57E-09	1	1550.805	5.48	Malpighian tubule	3L:+:19315178-19315216	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_80981	ILVYRDGVGDGQLGHVVDHEVR	AGAP011204-PA	-	87	1.83E-08	1	2433.266	1.06	Ovary	3L:+:19315220-19315285	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_82045	SLSYGALVATMYAAK	AGAP011204-PA	M11(Oxidation)	60	1.70E-05	2	1561.798	3.3	Malpighian tubule	3L:+:19315037-19315081	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_83914	DFNLMR	AGAP011204-PA	-	38	0.001641217	1	795.386	4.76	Malpighian tubule	3L:+:19314220-19314237	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_84137	NPPPGTVVDDIVTLPER	AGAP011204-PA	-	65	3.15E-06	2	1818.963	1.98	Midgut	3L:+:19315397-19315446,19315528-19315528	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_84706	YQEQFGEGVLPR	AGAP011204-PA	-	83	7.15E-08	1	1422.707	4.17	Malpighian tubule	3L:+:19315181-19315216	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_85640	EGENITFMEYYR	AGAP011204-PA	M8(Oxidation)	87	1.31E-08	1	1551.680	0.74	Ovary	3L:+:19314034-19314069	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_85820	DFNLMR	AGAP011204-PA	-	42	0.000698286	1	795.382	0.7	Ovary	3L:+:19314220-19314237	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_86917	TDFFLISQSVR	AGAP011204-PA	-	73	5.66E-07	2	1312.691	1.39	Salivary gland	3L:+:19315529-19315561	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_87266	SGASGPILLVPELCR	AGAP011204-PA	C14(Carbamidomethyl)	97	1.66E-09	1	1568.854	4.45	Ovary	3L:+:19314145-19314189	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_88639	KAYNITIR	AGAP011204-PA	-	35	0.001933873	1	978.576	3.04	Ovary	3L:+:19314070-19314093	exon=> In CDS Exon 2 of transcript AGAP011204-PA

JHU_Ag_89659	DPRTDLLYK	AGAP011204-PA	-	33	0.007488037	1	1120.594	-5.56	Head	3L:+:19313584-19313610	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_89858	NPPPGTVVDDIVTLPERTDFFLISQSVR	AGAP011204-PA	-	132	3.51E-13	1	3112.647	5.04	Malpighian tubule	3L:+:19315397-19315446,19315528-19315561	exon=> In CDS Exon 3 and 4 of transcript AGAP011204-PA
JHU_Ag_90493	RILVYR	AGAP011204-PA	-	32	0.000377497	1	819.522	2.51	Malpighian tubule	3L:+:19315217-19315234	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_91243	DGVGDGQLGHVVDHEVR	AGAP011204-PA	Q7(Deamidated)	131	1.20E-12	1	1788.865	1.18	Ovary	3L:+:19315235-19315285	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_91974	EGENITFMEYYRK	AGAP011204-PA	-	70	1.39E-06	1	1679.781	4.39	Malpighian tubule	3L:+:19314034-19314072	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_93024	YFSVIER	AGAP011204-PA	-	37	0.001132075	1	913.481	3.48	Ovary	3L:+:19315097-19315117	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_93155	EVFTFWKTELDR	AGAP011204-PA	-	80	1.54E-07	1	1570.801	6.68	Malpighian tubule	3L:+:19314331-19314366	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_93343	GEELSSFLSSNIVK	AGAP011204-PA	-	93	6.30E-09	1	1509.785	3.89	Ovary	3L:+:19315127-19315168	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_93815	HQRGEELSSFLSSNIVK	AGAP011204-PA	-	106	3.28E-10	1	1931.009	5.45	Malpighian tubule	3L:+:19315118-19315168	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_93910	QGTVSPTSYNVIFDESGLKPDQLQVYTAK	AGAP011204-PA	-	131	7.29E-13	1	3185.615	4.55	Male reproductive organs	3L:+:19315562-19315648	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_96164	ISIPQYGLELFPGYVTSIR	AGAP011204-PA	-	128	5.82E-13	1	2153.173	4.27	Ovary	3L:+:19313749-19313805	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_97305	IDFDPVVEDQRVVHALLR	AGAP011204-PA	-	92	2.83E-09	1	2121.159	6.28	Malpighian tubule	3L:+:19313434-19313487	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_98472	VYENHEFKSQLTVIVVNK	AGAP011204-PA	-	115	2.06E-11	1	2147.162	5.64	Malpighian tubule	3L:+:19315310-19315363	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_99990	ALLTIATK	AGAP011204-PA	-	51	3.03E-05	2	830.537	2.47	Malpighian tubule	3L:+:19314902-19314925	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_101123	TDTVYKTLQNMQR	AGAP011204-PA	M11(Oxidation)	69	2.08E-06	1	1597.807	4.44	Malpighian tubule	3L:+:19313860-19313898	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_102484	SQLTVIVVNK	AGAP011204-PA	-	72	3.24E-07	1	1100.671	3.42	Ovary	3L:+:19315334-19315363	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_103614	VTDVDFNTTPSSSFTSR	AGAP011204-PA	-	125	3.95E-12	1	1860.868	3.83	Ovary	3L:+:19313983-19314033	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_104397	FNERLQETPASR	AGAP011204-PA	-	59	1.94E-05	1	1447.730	1.05	Ovary	3L:+:19314295-19314330	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_106133	ADGGGVPAGPEADWNQAFR	AGAP011204-PA	-	78	1.80E-07	1	1914.877	2.07	Malpighian tubule	3L:+:19314421-19314477	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_106179	IDFDPVVEDQRVVHALLR	AGAP011204-PA	-	111	5.57E-11	1	2121.144	-0.63	Ovary	3L:+:19313434-19313487	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_106615	ADGGGVPAGPEADWNQAFR	AGAP011204-PA	-	59	1.42E-05	1	1914.874	0.29	Male reproductive organs	3L:+:19314421-19314477	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_106968	TDFFLISQSVR	AGAP011204-PA	-	89	1.60E-08	1	1312.694	3.43	Ovary	3L:+:19315529-19315561	exon=> In CDS Exon 4 of transcript AGAP011204-PA
JHU_Ag_108370	TDLLYK	AGAP011204-PA	-	40	0.000453386	2	752.418	-1.34	Male reproductive organs	3L:+:19313593-19313610	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_110877	IDFDPVVEDQRVVHALLR	AGAP011204-PA	-	46	0.000179186	1	2121.143	-0.95	Male reproductive organs	3L:+:19313434-19313487	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_111456	TLQNMQR	AGAP011204-PA	-	41	0.001550445	1	890.453	2.31	Malpighian tubule	3L:+:19313878-19313898	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_111775	VYENHEFK	AGAP011204-PA	-	48	0.000185269	1	1065.503	2.44	Ovary	3L:+:19315310-19315333	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_111806	QGTVSPTSYNVIFDESGLKPDQLQVYTAK	AGAP011204-PA	-	208	1.32E-20	1	3185.616	4.9	Ovary	3L:+:19315562-19315648	exon=> In CDS Exon 4 of transcript AGAP011204-PA

JHU_Ag_112274	LVEVPAR	AGAP011204-PA	-	38	0.000612441	1	783.473	1.23	Ovary	3L:+:19314370-19314390	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_112285	VAQPQILYLQNDSGASYTNAINELMNKDPQLVMCIVPNDR	AGAP011204-PA	M25(Oxidation), M33(Oxidation), C34(Carbamidomethyl)	96	1.93E-09	1	4565.223	2.67	Ovary	3L:+:19314604-19314620,19314694-19314796	exon=> In CDS Exon 2 and 3 of transcript AGAP011204-PA
JHU_Ag_112396	DFVGAMMQVSNGMGFK	AGAP011204-PA	M6(Oxidation), M7(Oxidation), N11(Deamidated), M13(Oxidation),"M7(Oxidation), M13(Oxidation)",M7(Oxidation),"M6(Oxidation), M7(Oxidation), M13(Oxidation)",M13(Oxidation)	78	1.34E-07	2	1750.769	5.49	Malpighian tubule	3L:+:19314556-19314603	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_112655	TDTVYK	AGAP011204-PA	-	42	0.0006607	2	726.370	3.71	Ovary	3L:+:19313860-19313877	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_113229	YVPEVVVTRLPNAPSK	AGAP011204-PA	-	82	2.14E-08	1	1769.005	5.37	Malpighian tubule	3L:+:19313299-19313346	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_113626	KCCVDRPLPCQVIK	AGAP011204-PA	C2(Carbamidomethyl), C3(Carbamidomethyl), C10(Carbamidomethyl)	77	3.17E-07	1	1772.901	2.46	Malpighian tubule	3L:+:19314824-19314865	exon=> In CDS Exon 3 of transcript AGAP011204-PA
JHU_Ag_113819	LRQDEVELQVK	AGAP011204-PA	-	74	3.05E-07	1	1356.752	2.52	Ovary	3L:+:19313551-19313583	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_114828	TQGPLFGPYIFDGTMLFLYNK	AGAP011204-PA	M15(Oxidation)	114	5.89E-11	1	2438.218	3.24	Ovary	3L:+:19313488-19313550	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_115734	IDFDPVVEDQR	AGAP011204-PA	-	75	5.53E-07	2	1332.643	0.11	Male reproductive organs	3L:+:19313434-19313466	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_116720	LRQDEVELQVK	AGAP011204-PA	-	40	0.00079	2	1356.750	1.17	Malpighian tubule	3L:+:19313551-19313583	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_116865	VGTVDMTSEKAFLILNLMHR	AGAP011204-PA	M6(Oxidation), M18(Oxidation),M6(Oxidation)	145	2.63E-14	1	2275.197	1.28	Ovary	3L:+:19313626-19313685	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_117189	ADGGGVPAGPEADWNQAFRNNHMFK	AGAP011204-PA	M23(Oxidation)	82	7.07E-08	1	2686.220	-0.5	Ovary	3L:+:19314421-19314495	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_117305	KAEQLTR	AGAP011204-PA	-	49	0.000252852	2	845.484	-0.27	Ovary	3L:+:19314535-19314555	exon=> In CDS Exon 2 of transcript AGAP011204-PA
JHU_Ag_34619	DTMDQLFQPNLPVSYSR	AGAP011206-PA	M3(Oxidation)	37	0.003252974	1	2026.961	3.65	Head	3L:-:19378169-19378119	exon=> In CDS Exon 1 of transcript AGAP011206-PA
JHU_Ag_1726	YVSEIESDKPGTYYNCR	AGAP011208-PA	C16(Carbamidomethyl)	111	7.38E-11	1	2080.927	-0.62	Malpighian tubule	3L:-:19386416-19386366	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_3073	TEYDREIDQHSINPGR	AGAP011208-PA	-	69	1.72E-06	1	1929.905	0.03	Visceras	3L:-:19386684-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_3757	GFNCSGVVGEDVVQLLK	AGAP011208-PA	C4(Carbamidomethyl)	102	1.06E-09	2	1820.927	3.34	Head	3L:-:19389789-19389739	exon=> In CDS Exon 1 of transcript AGAP011208-PA
JHU_Ag_6129	QHVMINTEWGAFGDDGALDFVR	AGAP011208-PA	M4(Oxidation)	128	2.43E-12	1	2494.145	-0.46	Midgut	3L:-:19386750-19386685	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_6183	TEYDREIDQHSINPGR	AGAP011208-PA	-	37	0.002736629	2	1929.910	2.75	Ovary	3L:-:19386684-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_6589	AGLLFGGVGSDILFK	AGAP011208-PA	-	108	6.96E-11	1	1493.837	0.5	Midgut	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_8770	AGLLFGGVGSDILFKR	AGAP011208-PA	-	48	6.41E-05	1	1649.936	-1.17	Pupa	3L:-:19386482-19386435	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_10866	AGLLFGGVGSDILFK	AGAP011208-PA	-	118	6.30E-12	1	1493.841	2.96	Head	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA

JHU_Ag_11772	YVSEIESDKPGTYYNCR	AGAP011208-PA	C16(Carbamidomethyl)	57	1.78E-05	1	2080.929	0.25	Pupa	3L:-:19386416-19386366	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_12400	GFNCSGVVGEDVVQLLK	AGAP011208-PA	C4(Carbamidomethyl)	72	8.57E-07	2	1820.928	3.75	Visceras	3L:-:19389789-19389739	exon=> In CDS Exon 1 of transcript AGAP011208-PA
JHU_Ag_13265	VENCDLFDGPK	AGAP011208-PA	C4(Carbamidomethyl)	61	6.97E-06	1	1293.576	-1.41	Salivary gland	3L:-:19386801-19386769	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_13869	IGLIVGTGSNACYVER	AGAP011208-PA	C12(Carbamidomethyl)	102	9.00E-10	1	1708.867	-1.1	Midgut	3L:-:19387556-19387640,19386632-19386802	exon=> In CDS Exon 3 and 2 of transcript AGAP011208-PA
JHU_Ag_13945	EVLEELGLEHATDEDCANVR	AGAP011208-PA	C16(Carbamidomethyl)	110	1.22E-10	1	2299.049	-0.95	Midgut	3L:-:19386365-19386306	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_14294	YVSEIESDKPGTYYNCR	AGAP011208-PA	C16(Carbamidomethyl)	57	1.62E-05	1	2080.930	1.14	Ovary	3L:-:19386416-19386366	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_18475	YICECVSSR	AGAP011208-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	64	1.57E-06	2	1173.503	0.51	Visceras	3L:-:19386305-19386279	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_18648	IGLIVGTGSNACYVER	AGAP011208-PA	C12(Carbamidomethyl)	66	3.57E-06	1	1708.873	2.54	Malpighian tubule	3L:-:19387556-19387640,19386632-19386802	exon=> In CDS Exon 3 and 2 of transcript AGAP011208-PA
JHU_Ag_19093	AGLLFGGVGSDILFKR	AGAP011208-PA	-	41	0.000282822	1	1649.937	-0.17	Male reproductive organs	3L:-:19386482-19386435	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_19175	MISGMYMGELAR	AGAP011208-PA	M1(Oxidation), M5(Oxidation), M7(Oxidation),"M5(Oxidation), M7(Oxidation)",M1(Oxidation)	68	9.75E-07	2	1406.611	-0.42	Midgut	3L:-:19386542-19386507	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_23307	MISGMYMGELAR	AGAP011208-PA	M1(Oxidation), M5(Oxidation), M7(Oxidation)	48	0.000111664	2	1406.613	1.49	Larva	3L:-:19386542-19386507	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_28727	YICECVSSR	AGAP011208-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	44	0.000148958	2	1173.506	3.01	Male reproductive organs	3L:-:19386305-19386279	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_29587	GFNCSGVVGEDVVQLLK	AGAP011208-PA	C4(Carbamidomethyl)	72	8.76E-07	2	1820.929	4.55	Male reproductive organs	3L:-:19389789-19389739	exon=> In CDS Exon 1 of transcript AGAP011208-PA
JHU_Ag_30055	AGLLFGGVGSDILFK	AGAP011208-PA	-	111	3.04E-11	1	1493.840	2.22	Visceras	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_30204	AAHLVSAGIAALINK	AGAP011208-PA	-	71	9.51E-08	2	1448.860	1.01	Malpighian tubule	3L:-:19386278-19386234	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_31063	YVSEIESDKPGTYYNCR	AGAP011208-PA	C16(Carbamidomethyl)	127	1.84E-12	1	2080.929	0.32	Visceras	3L:-:19386416-19386366	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_34921	MISGMYMGELAR	AGAP011208-PA	M1(Oxidation), M5(Oxidation), M7(Oxidation)	59	9.19E-06	2	1406.610	-1.03	Malpighian tubule	3L:-:19386542-19386507	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_35470	VENCDLFDGPK	AGAP011208-PA	C4(Carbamidomethyl)	55	3.85E-05	1	1293.586	6.29	Head	3L:-:19386801-19386769	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_35941	EVLEELGLEHATDEDCANVR	AGAP011208-PA	C16(Carbamidomethyl)	125	3.97E-12	1	2299.058	3.11	Malpighian tubule	3L:-:19386365-19386306	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_35988	AGLLFGGVGSDILFKR	AGAP011208-PA	-	91	2.33E-09	1	1649.945	4.57	Ovary	3L:-:19386482-19386435	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_45394	YICECVSSR	AGAP011208-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	51	3.28E-05	2	1173.506	2.91	Malpighian tubule	3L:-:19386305-19386279	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_47265	YVSEIESDKPGTYYNCR	AGAP011208-PA	C16(Carbamidomethyl)	36	0.002317419	1	2080.936	3.95	Larva	3L:-:19386416-19386366	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_47268	VENCDLFDGPK	AGAP011208-PA	C4(Carbamidomethyl)	70	8.74E-07	1	1293.578	-0.09	Midgut	3L:-:19386801-19386769	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_48105	YICECVSSR	AGAP011208-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	54	1.36E-05	1	1173.502	-0.63	Head	3L:-:19386305-19386279	exon=> In CDS Exon 4 of transcript AGAP011208-PA

JHU_Ag_51496	EVLEELGLEHATDEDCANVR	AGAP011208-PA	C16(Carbamidomethyl)	101	9.44E-10	1	2299.044	-2.85	Head	3L:-:19386365-19386306	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_52188	AAHLVSAGIAALINK	AGAP011208-PA	-	132	9.17E-14	1	1448.858	-0.09	Midgut	3L:-:19386278-19386234	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_54517	AAHLVSAGIAALINK	AGAP011208-PA	-	84	4.93E-09	2	1448.864	4.04	Ovary	3L:-:19386278-19386234	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_55109	EVLEELGLEHATDEDCANVR	AGAP011208-PA	C16(Carbamidomethyl)	143	5.96E-14	1	2299.056	2.35	Visceras	3L:-:19386365-19386306	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_63086	EIDQHSINPGR	AGAP011208-PA	-	67	3.27E-06	1	1265.624	0.77	Head	3L:-:19386669-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_64566	IGLIVGTGSNACYVER	AGAP011208-PA	C12(Carbamidomethyl)	99	1.87E-09	2	1708.869	0.18	Visceras	3L:-:19387556-19387640,19386632-19386802	exon=> In CDS Exon 3 and 2 of transcript AGAP011208-PA
JHU_Ag_65583	IGLIVGTGSNACYVER	AGAP011208-PA	C12(Carbamidomethyl)	75	5.10E-07	2	1708.868	-0.25	Salivary gland	3L:-:19387556-19387640,19386632-19386802	exon=> In CDS Exon 3 and 2 of transcript AGAP011208-PA
JHU_Ag_65903	VENCDLFDGPK	AGAP011208-PA	C4(Carbamidomethyl)	70	9.76E-07	1	1293.579	0.48	Malpighian tubule	3L:-:19386801-19386769	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_66350	AGLLFGGVGSDILFK	AGAP011208-PA	-	105	1.06E-10	1	1493.848	7.53	Larva	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_68159	YICECVSSR	AGAP011208-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	44	0.000134298	2	1173.502	-0.32	Midgut	3L:-:19386305-19386279	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_69854	AAHLVSAGIAALINK	AGAP011208-PA	-	96	3.26E-10	2	1448.860	0.84	Head	3L:-:19386278-19386234	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_70758	AAHLVSAGIAALINK	AGAP011208-PA	-	127	2.55E-13	2	1448.860	1.01	Visceras	3L:-:19386278-19386234	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_72186	EVLEELGLEHATDEDCANVR	AGAP011208-PA	C16(Carbamidomethyl)	61	1.07E-05	1	2299.053	1.04	Salivary gland	3L:-:19386365-19386306	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_72721	EIDQHSINPGR	AGAP011208-PA	-	67	3.44E-06	1	1265.622	-1.35	Midgut	3L:-:19386669-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_77007	TEYDREIDQHSINPGR	AGAP011208-PA	-	68	1.84E-06	1	1929.904	-0.35	Midgut	3L:-:19386684-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_77785	YVSEIESDKPGTYYNCR	AGAP011208-PA	C16(Carbamidomethyl)	108	1.27E-10	1	2080.927	-0.39	Head	3L:-:19386416-19386366	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_79744	YICECVSSR	AGAP011208-PA	C3(Carbamidomethyl), C5(Carbamidomethyl)	51	3.18E-05	2	1173.506	2.49	Ovary	3L:-:19386305-19386279	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_82004	YVSEIESDKPGTYYNCR	AGAP011208-PA	C16(Carbamidomethyl)	82	6.04E-08	1	2080.934	3.02	Midgut	3L:-:19386416-19386366	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_83749	AGLLFGGVGSDILFKR	AGAP011208-PA	-	113	1.40E-11	1	1649.946	5.39	Malpighian tubule	3L:-:19386482-19386435	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_84745	AGLLFGGVGSDILFK	AGAP011208-PA	-	82	2.01E-08	1	1493.851	9.74	Salivary gland	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_85147	AGLLFGGVGSDILFKR	AGAP011208-PA	-	37	0.000598825	1	1649.943	3.38	Head	3L:-:19386482-19386435	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_87319	AAHLVSAGIAALINK	AGAP011208-PA	-	106	3.63E-11	1	1448.858	-0.17	Pupa	3L:-:19386278-19386234	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_88889	EIDQHSINPGR	AGAP011208-PA	-	64	6.88E-06	1	1265.622	-1.35	Pupa	3L:-:19386669-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_91810	AGLLFGGVGSDILFK	AGAP011208-PA	-	107	8.02E-11	1	1493.839	2.06	Malpighian tubule	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_92543	AGLLFGGVGSDILFK	AGAP011208-PA	-	114	1.87E-11	1	1493.836	-0.4	Ovary	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_95754	TEYDREIDQHSINPGR	AGAP011208-PA	-	38	0.002297	1	1929.906	0.6	Male reproductive organs	3L:-:19386684-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_97347	EVLEELGLEHATDEDCANVR	AGAP011208-PA	C16(Carbamidomethyl)	123	6.27E-12	1	2299.058	3.04	Ovary	3L:-:19386365-19386306	exon=> In CDS Exon 4 of transcript AGAP011208-PA

JHU_Ag_99802	GFNCSGVVGEDVVQLLK	AGAP011208-PA	C4(Carbamidomethyl),"N3 (Deamidated), C4(Carbamidomethyl)"	112	1.06E-10	1	1820.920	-0.75	Midgut	3L:-:19389789-19389739	exon=> In CDS Exon 1 of transcript AGAP011208-PA
JHU_Ag_101012	QHVMINTEWGAFGDDGALDFVR	AGAP011208-PA	-	39	0.001771209	1	2478.160	3.71	Visceras	3L:-:19386750-19386685	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_103226	AGLLFGGVGSDILFKR	AGAP011208-PA	-	37	0.000647909	1	1649.937	-0.28	Visceras	3L:-:19386482-19386435	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_103344	VENCDLFDGPK	AGAP011208-PA	C4(Carbamidomethyl)	63	4.00E-06	1	1293.579	0.85	Ovary	3L:-:19386801-19386769	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_104197	AGLLFGGVGSDILFK	AGAP011208-PA	-	69	5.47E-07	2	1493.837	0.26	Pupa	3L:-:19386482-19386438	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_110845	AAHLVSAGIAALINK	AGAP011208-PA	-	43	7.07E-05	1	1448.858	-0.33	Salivary gland	3L:-:19386278-19386234	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_111664	AGLLFGGVGSDILFKR	AGAP011208-PA	-	100	4.53E-10	1	1649.935	-1.5	Midgut	3L:-:19386482-19386435	exon=> In CDS Exon 4 of transcript AGAP011208-PA
JHU_Ag_112633	GFNCSGVVGEDVVQLLK	AGAP011208-PA	C4(Carbamidomethyl)	116	4.04E-11	1	1820.922	0.19	Ovary	3L:-:19389789-19389739	exon=> In CDS Exon 1 of transcript AGAP011208-PA
JHU_Ag_113399	TEYDREIDQHSINPGR	AGAP011208-PA	-	67	2.50E-06	1	1929.907	0.79	Malpighian tubule	3L:-:19386684-19386637	exon=> In CDS Exon 3 of transcript AGAP011208-PA
JHU_Ag_117180	IGLIVGTGSNACYVER	AGAP011208-PA	C12(Carbamidomethyl)	101	1.32E-09	2	1708.863	-3.6	Head	3L:-:19387556-19387640,19386632-19386802	exon=> In CDS Exon 3 and 2 of transcript AGAP011208-PA
JHU_Ag_117327	GFNCSGVVGEDVVQLLK	AGAP011208-PA	C4(Carbamidomethyl)	123	6.81E-12	1	1820.929	4.08	Malpighian tubule	3L:-:19389789-19389739	exon=> In CDS Exon 1 of transcript AGAP011208-PA
JHU_Ag_72141	YLQEGDLISAEVQNVHSDGTLSLHTR	AGAP011211-PA	-	161	1.03E-15	1	2882.421	-2.5	Ovary	3L:-:19418827-19418750	exon=> In CDS Exon 2 of transcript AGAP011211-PA
JHU_Ag_77146	YVGEIGDVVVAR	AGAP011211-PA	-	76	3.24E-07	1	1276.689	-0.3	Ovary	3L:-:19419001-19418966	exon=> In CDS Exon 2 of transcript AGAP011211-PA
JHU_Ag_45445	TPASVTSVLDEK	AGAP011214-PA	-	43	0.000917168	2	1246.653	0.04	Male reproductive organs	3L:-:19431248-19431719,19429961-19430318	exon=> In CDS Exon 5 and 4 of transcript AGAP011214-PA
JHU_Ag_46672	HGPPYSGALALIK	AGAP011214-PA	-	37	0.001107366	1	1323.743	0.45	Malpighian tubule	3L:-:19431941-19431903	exon=> In CDS Exon 3 of transcript AGAP011214-PA
JHU_Ag_48592	ALDESVDNTGR	AGAP011214-PA	-	52	7.96E-05	2	1176.548	-0.67	Male reproductive organs	3L:-:19429640-19429608	exon=> In CDS Exon 7 of transcript AGAP011214-PA
JHU_Ag_62586	SITTLGDTLLNR	AGAP011214-PA	-	40	0.000836537	2	1303.728	4.83	Head	3L:-:19430245-19430210	exon=> In CDS Exon 5 of transcript AGAP011214-PA
JHU_Ag_84357	LTMNGMADTVK	AGAP011214-PA	M3(Oxidation)	31	0.009731266	1	1196.582	14.13	Head	3L:-:19432160-19432128	exon=> In CDS Exon 2 of transcript AGAP011214-PA
JHU_Ag_105291	TPASVTSVLDEK	AGAP011214-PA	-	62	9.73E-06	1	1246.658	4.25	Head	3L:-:19431248-19431719,19429961-19430318	exon=> In CDS Exon 5 and 4 of transcript AGAP011214-PA
JHU_Ag_107524	SITTLGDTLLNR	AGAP011214-PA	-	64	2.88E-06	2	1303.724	2.11	Salivary gland	3L:-:19430245-19430210	exon=> In CDS Exon 5 of transcript AGAP011214-PA
JHU_Ag_117551	TPASVTSVLDEK	AGAP011214-PA	-	71	1.41E-06	1	1246.651	-1.23	Midgut	3L:-:19431248-19431719,19429961-19430318	exon=> In CDS Exon 5 and 4 of transcript AGAP011214-PA
JHU_Ag_39381	AARCSSIINEK	AGAP011222-PA	C4(Carbamidomethyl), N9(Deamidated)	39	0.001867093	1	1249.621	0.26	Midgut	3L:+:19489421-19489453	exon=> In CDS Exon 2 of transcript AGAP011222-PA
JHU_Ag_8398	LAELIK	AGAP011236-PA	-	28	0.003685008	1	686.445	0.3	Larva	3L:-:19894103-19894086	exon=> In CDS Exon 1 of transcript AGAP011236-PA
JHU_Ag_9854	LAELIK	AGAP011236-PA	-	28	0.003626089	1	686.445	0.03	Pupa	3L:-:19894103-19894086	exon=> In CDS Exon 1 of transcript AGAP011236-PA
JHU_Ag_27545	LAELIK	AGAP011236-PA	-	28	0.003702017	1	686.444	-1.3	Head	3L:-:19894103-19894086	exon=> In CDS Exon 1 of transcript AGAP011236-PA

JHU_Ag_98609	LAELIK	AGAP011236-PA	-	28	0.003415376	1	686.444	-0.41	Midgut	3L:-:19894103-19894086	exon=> In CDS Exon 1 of transcript AGAP011236-PA
JHU_Ag_17943	IAEIIK	AGAP011237-PA	-	28	0.003702017	1	686.444	-1.3	Head	3L:-:19906268-19906251	exon=> In CDS Exon 1 of transcript AGAP011237-PA
JHU_Ag_33925	IAEIIK	AGAP011237-PA	-	28	0.003685008	1	686.445	0.3	Larva	3L:-:19906268-19906251	exon=> In CDS Exon 1 of transcript AGAP011237-PA
JHU_Ag_66412	IAEIIK	AGAP011237-PA	-	28	0.003415376	1	686.444	-0.41	Midgut	3L:-:19906268-19906251	exon=> In CDS Exon 1 of transcript AGAP011237-PA
JHU_Ag_99076	RDQHVK	AGAP011237-PA	Q3(Deamidated)	35	0.003573374	2	783.400	-14.4	Malpighian tubule	3L:-:19905923-19905906	exon=> In CDS Exon 1 of transcript AGAP011237-PA
JHU_Ag_114371	IAEIIK	AGAP011237-PA	-	28	0.003626089	1	686.445	0.03	Pupa	3L:-:19906268-19906251	exon=> In CDS Exon 1 of transcript AGAP011237-PA
JHU_Ag_92320	YYNESISYSAQGSETR	AGAP011238-PA	-	62	6.62E-06	2	1854.820	3.12	Ovary	3L:+:19910031-19910078	exon=> In CDS Exon 1 of transcript AGAP011238-PA
JHU_Ag_109396	YSEFEIGSEEEK	AGAP011239-PA	-	61	3.92E-06	2	1446.621	-4.32	Pupa	3L:+:19919823-19919858	exon=> In CDS Exon 2 of transcript AGAP011239-PA
JHU_Ag_3317	ISVENEGDKK	AGAP011244-PA	-	61	1.49E-05	2	1118.568	-1.05	Ovary	3L:-:19981059-19981409,19980168-19980738	exon=> In CDS Exon 3 and 2 of transcript AGAP011244-PA
JHU_Ag_5382	ASCIDSTAVPEAVFAAEVKK	AGAP011244-PA	C3(Carbamidomethyl)	74	5.45E-07	1	2093.065	3.32	Malpighian tubule	3L:-:19980338-19980279	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_6045	LKPQEQITLEPYER	AGAP011244-PA	-	98	1.82E-09	1	1743.929	0.99	Salivary gland	3L:-:19980263-19980222	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_8662	LKPQEQITLEPYERDHAVVVGVYRPPPK	AGAP011244-PA	-	140	3.36E-14	1	3258.766	0.68	Malpighian tubule	3L:-:19980263-19980180	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_11356	NGGHFVISIK	AGAP011244-PA	-	43	0.000603817	1	1071.594	-0.98	Malpighian tubule	3L:-:19980368-19980339	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_11585	LKPQEQITLEPYER	AGAP011244-PA	-	79	1.23E-07	1	1743.933	3.3	Male reproductive organs	3L:-:19980263-19980222	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_14538	HEGIFIAR	AGAP011244-PA	-	44	0.000422314	2	942.512	-3.51	Head	3L:-:19981149-19981126	exon=> In CDS Exon 2 of transcript AGAP011244-PA
JHU_Ag_22846	DHAVVVGVYRPPPK	AGAP011244-PA	-	82	3.05E-08	1	1533.855	0.72	Salivary gland	3L:-:19980221-19980180	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_23427	VLYLGAASGTTVSHVSDIVGPEGLVYAVEFSHR	AGAP011244-PA	-	263	3.65E-26	1	3430.760	-1.25	Ovary	3L:-:19980647-19980549	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_23875	ASCIDSTAVPEAVFAAEVK	AGAP011244-PA	C3(Carbamidomethyl)	46	0.000420022	2	1964.965	0.72	Salivary gland	3L:-:19980338-19980282	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_25699	DHAVVVGVYRPPPK	AGAP011244-PA	-	90	5.53E-09	1	1533.855	1.08	Malpighian tubule	3L:-:19980221-19980180	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_26478	LKPQEQITLEPYER	AGAP011244-PA	Q4(Deamidated),Q6(Deamidated)	98	1.66E-09	1	1743.926	-0.9	Ovary	3L:-:19980263-19980222	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_29127	IVALNAHNFLK	AGAP011244-PA	-	34	0.001067574	1	1239.720	-0.38	Salivary gland	3L:-:19980401-19980369	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_30574	ISVENEGDKK	AGAP011244-PA	-	43	0.0009887	2	1118.572	2.66	Malpighian tubule	3L:-:19981059-19981409,19980168-19980738	exon=> In CDS Exon 3 and 2 of transcript AGAP011244-PA
JHU_Ag_31102	ASCIDSTAVPEAVFAAEVK	AGAP011244-PA	C3(Carbamidomethyl)	49	0.000205718	2	1964.965	0.6	Male reproductive organs	3L:-:19980338-19980282	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_31500	LAAAVLGGVDK	AGAP011244-PA	-	78	7.46E-08	1	1013.601	1.51	Male reproductive organs	3L:-:19980704-19980672	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_32262	LAAAVLGGVDK	AGAP011244-PA	-	85	2.08E-08	1	1013.600	1.03	Salivary gland	3L:-:19980704-19980672	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_35864	SVVIEPHRHEGIFIAR	AGAP011244-PA	-	90	7.35E-09	1	1860.021	-1.58	Malpighian tubule	3L:-:19981173-19981126	exon=> In CDS Exon 2 of transcript AGAP011244-PA
JHU_Ag_35897	SVVIEPHRHEGIFIAR	AGAP011244-PA	-	83	3.39E-08	1	1860.019	-2.56	Salivary gland	3L:-:19981173-19981126	exon=> In CDS Exon 2 of transcript AGAP011244-PA

JHU_Ag_36592	SVVIEPHRHEGIFIAR	AGAP011244-PA	-	33	0.003225106	1	1860.020	-2.36	Midgut	3L:-:19981173-19981126	exon=> In CDS Exon 2 of transcript AGAP011244-PA
JHU_Ag_39841	GKEDALVTLNLVPGSEVYGEK	AGAP011244-PA	-	134	3.82E-13	1	2218.155	-2.56	Ovary	3L:-:19981125-19981063	exon=> In CDS Exon 2 of transcript AGAP011244-PA
JHU_Ag_40239	NGGHFVISIK	AGAP011244-PA	N1(Deamidated)	64	6.02E-06	1	1072.579	-0.07	Ovary	3L:-:19980368-19980339	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_41560	RTNIIPIIEDAR	AGAP011244-PA	-	50	3.69E-05	2	1410.807	0.63	Malpighian tubule	3L:-:19980515-19980480	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_42111	LKPQEQITLEPYER	AGAP011244-PA	-	78	1.93E-07	1	1743.928	0.36	Malpighian tubule	3L:-:19980263-19980222	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_43032	LKPQEQITLEPYERDHAVVVGVYRPPPK	AGAP011244-PA	-	58	5.08E-06	1	3258.768	1.24	Ovary	3L:-:19980263-19980180	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_43475	MLVGMVDTVFADVAQPDQAR	AGAP011244-PA	M5(Oxidation),"M1(Oxidation), M5(Oxidation)",M1(Oxidation)	89	2.09E-08	1	2195.053	2.74	Malpighian tubule	3L:-:19980461-19980402	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_43488	NGGHFVISIK	AGAP011244-PA	-	42	0.000845979	1	1071.593	-1.55	Salivary gland	3L:-:19980368-19980339	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_43769	DHAVVVGVYRPPPK	AGAP011244-PA	-	68	8.14E-07	1	1533.854	0.07	Male reproductive organs	3L:-:19980221-19980180	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_44953	LKPQEQITLEPYER	AGAP011244-PA	-	93	4.84E-09	1	1743.930	1.55	Head	3L:-:19980263-19980222	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_48898	IHMPPGSK	AGAP011244-PA	M3(Oxidation)	39	0.001490109	1	882.450	0.27	Ovary	3L:-:19980671-19980648	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_49092	RTNIIPIIEDAR	AGAP011244-PA	-	36	0.001010324	2	1410.822	10.93	Ovary	3L:-:19980515-19980480	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_49659	DHAVVVGVYRPPPK	AGAP011244-PA	-	114	1.83E-11	1	1533.855	1.11	Ovary	3L:-:19980221-19980180	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_55528	IVALNAHNFLK	AGAP011244-PA	-	82	2.00E-08	1	1239.720	-0.98	Ovary	3L:-:19980401-19980369	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_57469	TNIIPIIEDAR	AGAP011244-PA	-	48	9.00E-05	2	1254.707	1.23	Salivary gland	3L:-:19980512-19980480	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_59110	LAAAVLGGVDKIHMPPGSK	AGAP011244-PA	M14(Oxidation)	88	9.46E-09	1	1877.035	1.8	Malpighian tubule	3L:-:19980704-19980648	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_61776	ASCIDSTAVPEAVFAAEVK	AGAP011244-PA	C3(Carbamidomethyl)	115	6.01E-11	1	1964.966	1.43	Ovary	3L:-:19980338-19980282	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_69822	IVALNAHNFLK	AGAP011244-PA	-	33	0.00160828	1	1239.720	-0.49	Male reproductive organs	3L:-:19980401-19980369	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_70773	SVVIEPHR	AGAP011244-PA	-	48	0.000130261	1	936.526	-0.6	Ovary	3L:-:19981173-19981150	exon=> In CDS Exon 2 of transcript AGAP011244-PA
JHU_Ag_71630	TNIIPIIEDAR	AGAP011244-PA	-	37	0.001211415	2	1254.704	-0.72	Male reproductive organs	3L:-:19980512-19980480	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_79374	DHAVVVGVYRPPPK	AGAP011244-PA	-	95	1.85E-09	1	1533.856	1.67	Head	3L:-:19980221-19980180	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_83155	LKPQEQITLEPYER	AGAP011244-PA	-	48	0.00016524	2	1743.931	1.9	Visceras	3L:-:19980263-19980222	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_93447	LKPQEQITLEPYER	AGAP011244-PA	Q4(Deamidated)	83	6.09E-08	1	1743.928	0.43	Midgut	3L:-:19980263-19980222	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_96166	TNIIPIIEDAR	AGAP011244-PA	-	68	7.95E-07	1	1254.707	1.33	Ovary	3L:-:19980512-19980480	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_96793	MLVGMVDTVFADVAQPDQAR	AGAP011244-PA	M1(Oxidation), M5(Oxidation)	133	7.82E-13	1	2195.045	-0.82	Ovary	3L:-:19980461-19980402	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_99351	SGRDLLNVAK	AGAP011244-PA	-	37	0.003216385	1	1072.611	0.12	Malpighian tubule	3L:-:19980548-19980519	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_102501	VLYLGAASGTTVSHVSDIVGPEGLVYAVEFSHR	AGAP011244-PA	-	120	6.94E-12	1	3430.760	-1.27	Salivary gland	3L:-:19980647-19980549	exon=> In CDS Exon 3 of transcript AGAP011244-PA

JHU_Ag_104179	ASCIDSTAVPEAVFAAEVK	AGAP011244-PA	C3(Carbamidomethyl)	41	0.001471223	1	1964.964	0.1	Midgut	3L:-:19980338-19980282	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_105078	LAAAVLGGVDK	AGAP011244-PA	-	38	0.000828316	2	1013.604	4.88	Visceras	3L:-:19980704-19980672	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_106659	LAAAVLGGVDK	AGAP011244-PA	-	85	2.03E-08	1	1013.598	-1.32	Ovary	3L:-:19980704-19980672	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_109747	ASCIDSTAVPEAVFAAEVK	AGAP011244-PA	C3(Carbamidomethyl)	49	0.00021817	2	1964.968	2.15	Malpighian tubule	3L:-:19980338-19980282	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_110010	TNIIPIIEDAR	AGAP011244-PA	-	39	0.000524035	2	1254.718	9.99	Midgut	3L:-:19980512-19980480	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_116752	HEGIFIAR	AGAP011244-PA	-	54	3.78E-05	1	942.514	-2.02	Ovary	3L:-:19981149-19981126	exon=> In CDS Exon 2 of transcript AGAP011244-PA
JHU_Ag_116809	IVALNAHNFLK	AGAP011244-PA	-	70	2.90E-07	1	1239.724	2.17	Malpighian tubule	3L:-:19980401-19980369	exon=> In CDS Exon 3 of transcript AGAP011244-PA
JHU_Ag_117341	SVVIEPHRHEGIFIAR	AGAP011244-PA	-	109	7.64E-11	1	1860.031	3.94	Ovary	3L:-:19981173-19981126	exon=> In CDS Exon 2 of transcript AGAP011244-PA
JHU_Ag_33333	NLQLDDEEKFADAEE	AGAP011245-PA	-	82	6.19E-08	1	1765.782	3.2	Malpighian tubule	3L:+:19983241-19983256,19983332-19983360	exon=> In CDS Exon 2 and 3 of transcript AGAP011245-PA
JHU_Ag_42794	NLQLDDEEKFADAEE	AGAP011245-PA	-	74	3.15E-07	1	1765.776	-0.25	Ovary	3L:+:19983241-19983256,19983332-19983360	exon=> In CDS Exon 2 and 3 of transcript AGAP011245-PA
JHU_Ag_50957	EILDQMFSAMR	AGAP011245-PA	M6(Oxidation), M10(Oxidation)	64	3.33E-06	2	1372.623	-0.3	Ovary	3L:+:19983112-19983144	exon=> In CDS Exon 2 of transcript AGAP011245-PA
JHU_Ag_108523	NASISIPWPR	AGAP011245-PA	-	45	0.000304117	2	1140.616	-0.16	Male reproductive organs	3L:+:19982872-19982901	exon=> In CDS Exon 2 of transcript AGAP011245-PA
JHU_Ag_17560	LDVTIQSFR	AGAP011248-PA	-	52	5.44E-05	2	1078.591	2.02	Ovary	3L:+:19998049-19998075	exon=> In CDS Exon 1 of transcript AGAP011248-PA
JHU_Ag_52700	SEDASSFILELSAFLK	AGAP011248-PA	-	100	1.26E-09	1	1756.902	0.9	Ovary	3L:+:19997566-19997613	exon=> In CDS Exon 1 of transcript AGAP011248-PA
JHU_Ag_65161	AYEHNPPPLEMPSWQTQR	AGAP011248-PA	M11(Oxidation)	48	0.000228881	1	2197.020	2.87	Ovary	3L:+:19998310-19998363	exon=> In CDS Exon 1 of transcript AGAP011248-PA
JHU_Ag_112827	LLDTMEVGGRDTDIAALLAAR	AGAP011248-PA	M5(Oxidation)	42	0.000567551	1	2217.164	4.3	Ovary	3L:+:19998139-19998201	exon=> In CDS Exon 1 of transcript AGAP011248-PA
JHU_Ag_5700	KVAEELDIDMDDPELHK	AGAP011250-PA	M10(Oxidation)	137	2.66E-13	1	2012.944	-2.15	Head	3L:-:20004262-20004331,20004035-20004110	exon=> In CDS Exon 2 and 1 of transcript AGAP011250-PA
JHU_Ag_23900	KEVDIDEITK	AGAP011250-PA	-	85	4.89E-08	1	1189.625	-4.8	Head	3L:-:20004292-20004263	exon=> In CDS Exon 1 of transcript AGAP011250-PA
JHU_Ag_44382	VAEELDIDMDDPELHK	AGAP011250-PA	M9(Oxidation)	110	1.01E-10	1	1884.856	1.59	Head	3L:-:20004157-20004110	exon=> In CDS Exon 2 of transcript AGAP011250-PA
JHU_Ag_68758	EVDIDEITKK	AGAP011250-PA	-	43	0.000936298	1	1189.632	0.44	Head	3L:-:20004289-20004260	exon=> In CDS Exon 1 of transcript AGAP011250-PA
JHU_Ag_69553	EVDIDEITK	AGAP011250-PA	-	56	4.55E-05	1	1061.534	-1.97	Head	3L:-:20004289-20004263	exon=> In CDS Exon 1 of transcript AGAP011250-PA
JHU_Ag_10654	CNPDDTIGDLKK	AGAP011251-PA	C1(Carbamidomethyl)	65	4.57E-06	1	1375.652	-0.5	Ovary	3L:-:20073232-20073197	exon=> In CDS Exon 1 of transcript AGAP011251-PA
JHU_Ag_90570	MLEITCNDR	AGAP011251-PA	M1(Oxidation), C6(Carbamidomethyl)	53	4.02E-05	2	1167.515	1.48	Ovary	3L:-:20073283-20073257	exon=> In CDS Exon 1 of transcript AGAP011251-PA
JHU_Ag_116143	LIAAQTGTR	AGAP011251-PA	-	59	1.84E-05	2	930.538	0.83	Ovary	3L:-:20073196-20073170	exon=> In CDS Exon 1 of transcript AGAP011251-PA
JHU_Ag_13435	LEISALEELSR	AGAP011252-PA	-	54	6.28E-05	2	1259.685	0.99	Midgut	3L:-:20081157-20081125	exon=> In CDS Exon 3 of transcript AGAP011252-PA
JHU_Ag_102871	IGDPFPLLSVSR	AGAP011252-PA	-	39	0.001493997	2	1300.725	-0.49	Midgut	3L:-:20081575-20081540	exon=> In CDS Exon 2 of transcript AGAP011252-PA

JHU_Ag_113770	LYNESIAFSEK	AGAP011270-PA,AGAP011267-PA,AGAP011257-PA,AGAP012638-PA	-	47	0.000219128	2	1300.640	-1.68	Male reproductive organs	3L:-:20398934-20398902;3L:-:20379105-20379073;3L:+:20295069-20295101;UNKN:+:21966425-21966457	exon=> In CDS Exon 1 of transcript AGAP011270-PA;exon=> In CDS Exon 1 of transcript AGAP011267-PA;exon=> In CDS Exon 1 of transcript AGAP011257-PA;exon=> In CDS Exon 1 of transcript AGAP012638-PA
JHU_Ag_6480	LQGLDVEVPSVLIHHTK	AGAP011271-PA	-	56	1.03E-05	1	1885.048	-3.18	Head	3L:+:20415840-20415890	exon=> In CDS Exon 2 of transcript AGAP011271-PA
JHU_Ag_15909	AINAAGGIQALIHLLR	AGAP011273-PA	-	37	9.31E-05	1	1630.980	2.86	Head	3L:+:20459165-20459212	exon=> In CDS Exon 1 of transcript AGAP011273-PA
JHU_Ag_44223	GLPILVELLR	AGAP011273-PA	-	47	5.57E-06	2	1122.727	2.58	Salivary gland	3L:+:20460996-20461025	exon=> In CDS Exon 3 of transcript AGAP011273-PA
JHU_Ag_55288	LLGHENTDVFR	AGAP011273-PA	-	61	1.04E-05	1	1300.661	-2.63	Head	3L:+:20459072-20459104	exon=> In CDS Exon 1 of transcript AGAP011273-PA
JHU_Ag_66835	GLPILVELLR	AGAP011273-PA	-	34	0.000174205	2	1122.727	2.14	Head	3L:+:20460996-20461025	exon=> In CDS Exon 3 of transcript AGAP011273-PA
JHU_Ag_81028	GLPILVELLR	AGAP011273-PA	-	55	1.22E-06	2	1122.725	0.4	Ovary	3L:+:20460996-20461025	exon=> In CDS Exon 3 of transcript AGAP011273-PA
JHU_Ag_109496	GLPILVELLR	AGAP011273-PA	-	32	0.000238265	2	1122.721	-3.08	Midgut	3L:+:20460996-20461025	exon=> In CDS Exon 3 of transcript AGAP011273-PA
JHU_Ag_7259	AAEEKLK	AGAP011275-PA	-	43	0.000923208	2	788.454	3.86	Malpighian tubule	3L:+:20474152-20474172	exon=> In CDS Exon 6 of transcript AGAP011275-PA
JHU_Ag_32818	AAEEKLK	AGAP011275-PA	-	40	0.00217554	2	788.452	0.68	Head	3L:+:20474152-20474172	exon=> In CDS Exon 6 of transcript AGAP011275-PA
JHU_Ag_103237	IITLK	AGAP011275-PA	-	25	0.004314297	1	587.410	-5.06	Head	3L:+:20474334-20474348	exon=> In CDS Exon 7 of transcript AGAP011275-PA
JHU_Ag_19567	NPTYGAWNGDLGIVENK	AGAP011279-PA	-	65	5.59E-06	1	1847.900	3.92	Head	3L:+:20520805-20520837,20520928-20520945	exon=> In CDS Exon 7 and 8 of transcript AGAP011279-PA
JHU_Ag_44015	SSETAYFWYR	AGAP011279-PA	-	44	0.000473354	2	1309.586	0.9	Head	3L:+:20519370-20519399	exon=> In CDS Exon 3 of transcript AGAP011279-PA
JHU_Ag_61196	VDLDIHQGSIR	AGAP011279-PA	-	77	2.22E-07	1	1252.667	2.14	Head	3L:+:20521048-20521080	exon=> In CDS Exon 8 of transcript AGAP011279-PA
JHU_Ag_68087	HILVK	AGAP011279-PA	-	31	0.000933661	1	609.408	-0.63	Head	3L:+:20519958-20519972	exon=> In CDS Exon 4 of transcript AGAP011279-PA
JHU_Ag_16639	QAVALFEDFLDRFDR	AGAP011281-PA	-	45	0.000495213	1	1841.918	-0.12	Ovary	3L:+:20533303-20533347	exon=> In CDS Exon 3 of transcript AGAP011281-PA
JHU_Ag_37597	QAVALFEDFLDR	AGAP011281-PA	-	62	8.42E-06	1	1423.727	3.98	Salivary gland	3L:+:20533303-20533338	exon=> In CDS Exon 3 of transcript AGAP011281-PA
JHU_Ag_42628	QAVALFEDFLDR	AGAP011281-PA	-	54	5.86E-05	1	1423.722	0.2	Ovary	3L:+:20533303-20533338	exon=> In CDS Exon 3 of transcript AGAP011281-PA
JHU_Ag_51858	QAAEQTLSILEGR	AGAP011281-PA	-	74	5.71E-07	2	1415.747	-1.04	Ovary	3L:+:20533097-20533119,20533188-20533203	exon=> In CDS Exon 2 and 3 of transcript AGAP011281-PA
JHU_Ag_52742	QAAEQTLSILEGRDPDYQK	AGAP011281-PA	-	105	5.53E-10	1	2162.073	0.19	Ovary	3L:+:20533097-20533119,20533188-20533221	exon=> In CDS Exon 2 and 3 of transcript AGAP011281-PA
JHU_Ag_68200	QAAEQTLSILEGR	AGAP011281-PA	-	66	3.42E-06	2	1415.754	3.45	Salivary gland	3L:+:20533097-20533119,20533188-20533203	exon=> In CDS Exon 2 and 3 of transcript AGAP011281-PA
JHU_Ag_74373	QNMPYLSIDLIR	AGAP011281-PA	M3(Oxidation)	56	3.79E-05	1	1478.768	0.68	Ovary	3L:+:20533363-20533398	exon=> In CDS Exon 3 of transcript AGAP011281-PA
JHU_Ag_107217	LQALKPDSSVK	AGAP011281-PA	-	75	2.60E-07	1	1185.683	-0.98	Ovary	3L:+:20533555-20533587	exon=> In CDS Exon 3 of transcript AGAP011281-PA

JHU_Ag_113432	AEESLELLK	AGAP011281-PA	-	64	7.80E-06	2	1031.562	0.2	Ovary	3L:+:20532436-20532462	exon=> In CDS Exon 1 of transcript AGAP011281-PA
JHU_Ag_830	SCGEETVIAIK	AGAP011284-PA	C2(Carbamidomethyl)	43	0.001020511	1	1206.603	-0.72	Head	3L:+:20553069-20553101	exon=> In CDS Exon 3 of transcript AGAP011284-PA
JHU_Ag_1325	SCGEETVIAIK	AGAP011284-PA	C2(Carbamidomethyl)	66	4.26E-06	1	1206.604	0.74	Malpighian tubule	3L:+:20553069-20553101	exon=> In CDS Exon 3 of transcript AGAP011284-PA
JHU_Ag_4720	VHMVGIDIFTGKK	AGAP011284-PA	M3(Oxidation)	45	0.000328392	1	1444.798	-0.19	Malpighian tubule	3L:+:20552623-20552660,20552743-20552743	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_7333	IVEMSTSK	AGAP011284-PA	-	45	0.000548779	1	894.461	1.03	Malpighian tubule	3L:+:20552575-20552598	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_8364	KYEDICPSTHNMDVPNVK	AGAP011284-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	102	7.69E-10	1	2146.990	0.13	Salivary gland	3L:+:20552659-20552660,20552743-20552794	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_8693	KYEDICPSTHNMDVPNVK	AGAP011284-PA	C6(Carbamidomethyl),M12(Oxidation)	110	1.26E-10	1	2162.989	1.86	Visceras	3L:+:20552659-20552660,20552743-20552794	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_12116	YEDICPSTHNMDVPNVK	AGAP011284-PA	C5(Carbamidomethyl),M11(Oxidation)	43	0.000399813	1	2034.893	1.65	Malpighian tubule	3L:+:20552744-20552794	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_16980	KYEDICPSTHNMDVPNVK	AGAP011284-PA	C6(Carbamidomethyl),M12(Oxidation)	62	7.25E-06	1	2162.989	2.03	Larva	3L:+:20552659-20552660,20552743-20552794	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_17647	SCGEETVIAIK	AGAP011284-PA	C2(Carbamidomethyl)	81	1.50E-07	1	1206.606	1.75	Salivary gland	3L:+:20553069-20553101	exon=> In CDS Exon 3 of transcript AGAP011284-PA
JHU_Ag_21011	TEMEDTHFETADSGASQTFPMQCSALR	AGAP011284-PA	N-Term(Acetyl),M3(Oxidation),M21(Oxidation),C23(Carbamidomethyl)	48	4.38E-05	1	3121.286	1.4	Malpighian tubule	3L:+:20552455-20552535	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_21054	VHMVGIDIFTGK	AGAP011284-PA	M3(Oxidation)	90	1.79E-08	1	1316.706	2.21	Malpighian tubule	3L:+:20552623-20552658	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_22079	TEMEDTHFETADSGASQTFPMQCSALR	AGAP011284-PA	N-Term(Acetyl),M3(Oxidation),M21(Oxidation),C23(Carbamidomethyl)	54	1.07E-05	1	3121.280	-0.71	Midgut	3L:+:20552455-20552535	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_22173	EDYQLTDIDDGFLVLMSDNGDLR	AGAP011284-PA	M16(Oxidation)	188	1.74E-18	1	2660.205	0.66	Ovary	3L:+:20552798-20552866	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_26081	VHMVGIDIFTGK	AGAP011284-PA	-	81	1.38E-07	1	1316.706	2.12	Visceras	3L:+:20552623-20552658	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_26588	EDLKIPDGELGTQLR	AGAP011284-PA	-	39	0.001163149	1	1683.896	2.54	Malpighian tubule	3L:+:20552867-20552911	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_26939	IPDGELGTQLR	AGAP011284-PA	-	85	2.57E-08	1	1198.644	1.37	Malpighian tubule	3L:+:20552879-20552911	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_27688	KYEDICPSTHNMDVPNVK	AGAP011284-PA	C6(Carbamidomethyl),M12(Oxidation)	93	5.90E-09	1	2162.983	-0.6	Midgut	3L:+:20552659-20552660,20552743-20552794	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_28339	KYEDICPSTHNMDVPNVK	AGAP011284-PA	C6(Carbamidomethyl),"C6(Carbamidomethyl),M12(Oxidation)"	118	2.14E-11	1	2146.994	2.01	Malpighian tubule	3L:+:20552659-20552660,20552743-20552794	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_29124	VHMVGIDIFTGKK	AGAP011284-PA	M3(Oxidation)	77	2.52E-07	1	1460.793	-0.07	Ovary	3L:+:20552623-20552660,20552743-20552743	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_36168	EDYQLTDIDDGFLVLMSDNGDLREDLK	AGAP011284-PA	M16(Oxidation),"M16(Oxidation),N19(Deamidated)"	134	5.62E-13	1	3145.460	2.58	Ovary	3L:+:20552798-20552878	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_37191	SCGEETVIAIKNNTSGDK	AGAP011284-PA	C2(Carbamidomethyl)	63	7.68E-06	1	1922.912	-0.36	Malpighian tubule	3L:+:20553069-20553122	exon=> In CDS Exon 3 of transcript AGAP011284-PA

JHU_Ag_37802	YEDICPSTHNMDVPNVK	AGAP011284-PA	C5(Carbamidomethyl), M11(Oxidation)	67	1.59E-06	1	2034.890	0.12	Ovary	3L:+:20552744-20552794	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_41814	TEMEDTHFETADSGASQTFPMQCSALRK	AGAP011284-PA	N-Term(Acetyl), M21(Oxidation), C23(Carbamidomethyl)	134	2.19E-13	1	3233.390	2.27	Malpighian tubule	3L:+:20552455-20552538	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_42845	EIVCTVLK	AGAP011284-PA	C4(Carbamidomethyl)	40	0.001197755	2	961.539	-0.04	Ovary	3L:+:20552933-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_47221	IPDGELGTQLR	AGAP011284-PA	-	57	2.03E-05	2	1198.641	-1.07	Salivary gland	3L:+:20552879-20552911	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_53053	SEFDSGKEIVCTVLK	AGAP011284-PA	C11(Carbamidomethyl)	110	1.48E-10	1	1711.864	4.15	Malpighian tubule	3L:+:20552912-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_53569	TEMEDTHFETADSGASQTFPMQCSALRK	AGAP011284-PA	N-Term(Acetyl), M3(Oxidation), M21(Oxidation), C23(Carbamidomethyl)	106	1.15E-10	1	3249.388	3.39	Malpighian tubule	3L:+:20552455-20552538	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_56647	KYEDICPSTHNMDVPNVK	AGAP011284-PA	C6(Carbamidomethyl), M12(Oxidation)	123	6.86E-12	1	2162.988	1.69	Head	3L:+:20552659-20552660,20552743-20552794	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_56695	SEFDSGKEIVCTVLK	AGAP011284-PA	C11(Carbamidomethyl)	102	1.05E-09	2	1711.862	2.51	Salivary gland	3L:+:20552912-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_58068	SCGEETVIAIK	AGAP011284-PA	C2(Carbamidomethyl)	57	3.71E-05	2	1206.605	1.14	Visceras	3L:+:20553069-20553101	exon=> In CDS Exon 3 of transcript AGAP011284-PA
JHU_Ag_59194	REDYQLTDIDDGFLVLMSDNGDLR	AGAP011284-PA	M17(Oxidation)	137	2.81E-13	1	2816.313	2.95	Ovary	3L:+:20552795-20552866	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_62638	YEDICPSTHNMDVPNVK	AGAP011284-PA	C5(Carbamidomethyl)	66	2.63E-06	1	2018.899	2.34	Salivary gland	3L:+:20552744-20552794	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_62962	EIVCTVLK	AGAP011284-PA	C4(Carbamidomethyl)	34	0.003581002	2	961.540	0.91	Visceras	3L:+:20552933-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_65463	SCGEETVIAIK	AGAP011284-PA	C2(Carbamidomethyl)	89	2.35E-08	1	1206.603	-0.58	Ovary	3L:+:20553069-20553101	exon=> In CDS Exon 3 of transcript AGAP011284-PA
JHU_Ag_70065	TEMEDTHFETADSGASQTFPMQCSALR	AGAP011284-PA	N-Term(Acetyl), M3(Oxidation), M21(Oxidation), C23(Carbamidomethyl)	52	1.85E-05	3	3121.283	0.23	Head	3L:+:20552455-20552535	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_71646	SCGEETVIAIK	AGAP011284-PA	C2(Carbamidomethyl)	57	3.86E-05	1	1206.603	-0.17	Midgut	3L:+:20553069-20553101	exon=> In CDS Exon 3 of transcript AGAP011284-PA
JHU_Ag_74408	TEMEDTHFETADSGASQTFPMQCSALR	AGAP011284-PA	N-Term(Acetyl), M3(Oxidation), C23(Carbamidomethyl)	62	1.65E-06	1	3105.290	0.79	Salivary gland	3L:+:20552455-20552535	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_78284	TEMEDTHFETADSGASQTFPMQCSALR	AGAP011284-PA	N-Term(Acetyl), M3(Oxidation), M21(Oxidation), C23(Carbamidomethyl)	115	8.32E-12	1	3121.286	1.28	Ovary	3L:+:20552455-20552535	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_79530	TEMEDTHFETADSGASQTFPMQCSALR	AGAP011284-PA	M3(Oxidation), M21(Oxidation), C23(Carbamidomethyl)	67	4.73E-07	1	3079.275	1.16	Head	3L:+:20552455-20552535	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_80366	SEFDSGKEIVCTVLK	AGAP011284-PA	C11(Carbamidomethyl)	100	1.76E-09	1	1711.858	0.37	Midgut	3L:+:20552912-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_81648	TEMEDTHFETADSGASQTFPMQCSALRK	AGAP011284-PA	N-Term(Acetyl), M3(Oxidation), C23(Carbamidomethyl)	145	1.68E-14	1	3233.392	2.95	Malpighian tubule	3L:+:20552455-20552538	exon=> In CDS Exon 1 of transcript AGAP011284-PA

JHU_Ag_83113	IPDGELGTQLR	AGAP011284-PA	Q9(Deamidated)	90	9.73E-09	1	1198.643	0.56	Ovary	3L:+:20552879-20552911	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_85171	VHMVGIDIFTGK	AGAP011284-PA	M3(Oxidation)	62	8.72E-06	1	1332.704	4.26	Larva	3L:+:20552623-20552658	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_87881	NGHVMLK	AGAP011284-PA	N1(Deamidated)	35	0.002206855	1	799.415	2.47	Head	3L:+:20552539-20552559	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_89279	KYEDICPSTHNMDVPNVK	AGAP011284-PA	C6(Carbamidomethyl),"C6 (Carbamidomethyl), M12(Oxidation)"	112	7.32E-11	1	2162.985	0.17	Ovary	3L:+:20552659-20552660,20552743-20552794	exon=> In CDS Exon 1 and 2 of transcript AGAP011284-PA
JHU_Ag_89643	VHMVGIDIFTGK	AGAP011284-PA	M3(Oxidation)	76	3.96E-07	1	1332.699	0.41	Head	3L:+:20552623-20552658	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_92283	SEFDSGKEIVCTVLK	AGAP011284-PA	C11(Carbamidomethyl)	106	3.84E-10	1	1711.864	3.87	Visceras	3L:+:20552912-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_98820	IVEMSTSK	AGAP011284-PA	-	37	0.003454595	1	894.461	0.81	Salivary gland	3L:+:20552575-20552598	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_99263	VHMVGIDIFTGK	AGAP011284-PA	M3(Oxidation)	97	3.12E-09	1	1332.700	1.6	Ovary	3L:+:20552623-20552658	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_100565	TEMEDTHFETADSGASQTFPMQCSALRK	AGAP011284-PA	N-Term(Acetyl), C23(Carbamidomethyl)	173	3.43E-17	1	3217.395	2.37	Malpighian tubule	3L:+:20552455-20552538	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_102377	IVEMSTSK	AGAP011284-PA	M4(Oxidation)	50	0.000114913	1	910.455	-0.06	Ovary	3L:+:20552575-20552598	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_110940	SEFDSGKEIVCTVLK	AGAP011284-PA	C11(Carbamidomethyl)	84	6.57E-08	2	1711.858	0.3	Head	3L:+:20552912-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_112131	EIVCTVLK	AGAP011284-PA	C4(Carbamidomethyl)	39	0.001539458	2	961.539	0.08	Salivary gland	3L:+:20552933-20552941,20553054-20553068	exon=> In CDS Exon 2 and 3 of transcript AGAP011284-PA
JHU_Ag_112938	VHMVGIDIFTGK	AGAP011284-PA	M3(Oxidation)	101	1.29E-09	1	1332.698	0.23	Salivary gland	3L:+:20552623-20552658	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_114012	VHMVGIDIFTGK	AGAP011284-PA	M3(Oxidation)	64	6.21E-06	1	1316.705	1.1	Midgut	3L:+:20552623-20552658	exon=> In CDS Exon 1 of transcript AGAP011284-PA
JHU_Ag_114096	IPDGELGTQLR	AGAP011284-PA	-	69	1.07E-06	1	1198.640	-2.09	Midgut	3L:+:20552879-20552911	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_117792	EDLKIPDGELGTQLR	AGAP011284-PA	-	88	1.64E-08	1	1683.891	-0.43	Ovary	3L:+:20552867-20552911	exon=> In CDS Exon 2 of transcript AGAP011284-PA
JHU_Ag_634	RTPDHDDLYDNLK	AGAP011286-PA	-	89	2.04E-08	1	1601.759	2.09	Malpighian tubule	3L:+:20566303-20566341	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_2904	VIQLNTLEDR	AGAP011286-PA	-	78	1.74E-07	1	1200.660	1.05	Visceras	3L:+:20566408-20566437	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_3396	DSEREYDLTK	AGAP011286-PA	-	33	0.004823359	1	1255.581	0.87	Malpighian tubule	3L:+:20564931-20564960	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_5084	AKGEVLDEVVNLSQVSAK	AGAP011286-PA	-	96	1.74E-09	2	1886.027	2.25	Malpighian tubule	3L:+:20565948-20566001	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_5593	VVVVGDQSSGK	AGAP011286-PA	-	45	0.000666858	2	1074.578	-0.56	Salivary gland	3L:+:20564775-20564807	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_6992	AKGEVLDEVVNLSQVSAK	AGAP011286-PA	-	95	2.36E-09	1	1886.025	1.15	Visceras	3L:+:20565948-20566001	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_7182	TSVLESIAQAR	AGAP011286-PA	-	73	6.21E-07	2	1174.644	0.99	Visceras	3L:+:20564808-20564840	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_7774	VTLSEGPYHVAQFR	AGAP011286-PA	-	63	7.29E-06	1	1603.827	2.83	Visceras	3L:+:20564889-20564930	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_8900	IQQVIK	AGAP011286-PA	Q3(Deamidated)	40	0.001451909	1	729.451	0.86	Ovary	3L:+:20566960-20566977	exon=> In CDS Exon 7 of transcript AGAP011286-PA
JHU_Ag_9160	SAVIDEAIRR	AGAP011286-PA	-	42	0.000884738	1	1129.632	-0.84	Head	3L:+:20566342-20566371	exon=> In CDS Exon 6 of transcript AGAP011286-PA

JHU_Ag_10302	VQLAEELIRVR	AGAP011286-PA	Q2(Deamidated)	27	0.009199365	1	1326.764	-7.82	Ovary	3L:+:20567110-20567131,20567203-20567213	exon=> In CDS Exon 7 and 8 of transcript AGAP011286-PA
JHU_Ag_10810	ALGYFAVVTGR	AGAP011286-PA	-	87	1.46E-08	2	1153.638	1.1	Head	3L:+:20565466-20565498	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_11569	AKGEVLDEVVNLSQVSAK	AGAP011286-PA	-	51	5.92E-05	1	1886.026	1.5	Male reproductive organs	3L:+:20565948-20566001	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_11988	SNVTDLVSQCDPLGKR	AGAP011286-PA	C10(Carbamidomethyl)	94	6.72E-09	1	1788.894	1.89	Head	3L:+:20565322-20565369	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_12897	FNLETEWK	AGAP011286-PA	-	52	7.50E-05	2	1066.523	1.95	Visceras	3L:+:20565793-20565816	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_13850	HSPTLSYDELTTVR	AGAP011286-PA	-	84	7.21E-08	2	1618.804	-2.18	Head	3L:+:20566651-20566692	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_13894	VDLAEDLADPNR	AGAP011286-PA	-	90	1.35E-08	2	1327.649	0.23	Head	3L:+:20565391-20565426	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_16073	GNVEVETDYIR	AGAP011286-PA	-	37	0.003215598	1	1294.631	2.41	Malpighian tubule	3L:+:20566708-20566740	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_16169	VQLAEELIR	AGAP011286-PA	-	42	0.000470174	1	1070.623	2.2	Salivary gland	3L:+:20567110-20567131,20567203-20567207	exon=> In CDS Exon 7 and 8 of transcript AGAP011286-PA
JHU_Ag_18396	VDLAEDLADPNR	AGAP011286-PA	-	71	1.01E-06	1	1327.649	0.32	Visceras	3L:+:20565391-20565426	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_18549	RVQLAEELIR	AGAP011286-PA	-	50	4.56E-05	1	1226.719	-2.29	Head	3L:+:20567107-20567131,20567203-20567207	exon=> In CDS Exon 7 and 8 of transcript AGAP011286-PA
JHU_Ag_19860	IQQVIK	AGAP011286-PA	Q3(Deamidated)	40	0.001289678	1	729.452	1.94	Visceras	3L:+:20566960-20566977	exon=> In CDS Exon 7 of transcript AGAP011286-PA
JHU_Ag_24665	IQQVIK	AGAP011286-PA	Q3(Deamidated)	40	0.000500908	1	729.450	-1.15	Head	3L:+:20566960-20566977	exon=> In CDS Exon 7 of transcript AGAP011286-PA
JHU_Ag_28771	VDLAEDLADPNR	AGAP011286-PA	-	56	3.33E-05	2	1327.652	2.44	Malpighian tubule	3L:+:20565391-20565426	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_29605	GNVEVETDYIR	AGAP011286-PA	-	50	0.000144989	2	1294.625	-1.64	Salivary gland	3L:+:20566708-20566740	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_32703	HSPTLSYDELTTVR	AGAP011286-PA	-	53	8.27E-05	2	1618.807	0.08	Ovary	3L:+:20566651-20566692	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_33842	VTLSEGPYHVAQFR	AGAP011286-PA	-	34	0.00656769	1	1603.828	3.29	Ovary	3L:+:20564889-20564930	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_34620	RVQLAEELIR	AGAP011286-PA	-	55	1.38E-05	1	1226.728	5.07	Malpighian tubule	3L:+:20567107-20567131,20567203-20567207	exon=> In CDS Exon 7 and 8 of transcript AGAP011286-PA
JHU_Ag_36846	ETIEQQADAFK	AGAP011286-PA	-	74	6.02E-07	2	1279.617	0.07	Head	3L:+:20565751-20565783	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_41973	VIQLNTLEDR	AGAP011286-PA	-	77	2.49E-07	1	1200.659	0.85	Malpighian tubule	3L:+:20566408-20566437	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_46570	LFQSGVTMSHQVTTR	AGAP011286-PA	M8(Oxidation)	58	2.66E-05	2	1707.856	4.48	Malpighian tubule	3L:+:20565565-20565572,20565669-20565705	exon=> In CDS Exon 3 and 4 of transcript AGAP011286-PA
JHU_Ag_50440	SNVTDLVSQCDPLGKR	AGAP011286-PA	C10(Carbamidomethyl)	80	1.45E-07	1	1788.904	7.08	Malpighian tubule	3L:+:20565322-20565369	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_50722	ALGYFAVVTGR	AGAP011286-PA	-	76	2.06E-07	2	1153.641	3.96	Malpighian tubule	3L:+:20565466-20565498	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_51886	AKGEVLDEVVNLSQVSAK	AGAP011286-PA	-	99	9.29E-10	2	1886.023	-0.28	Head	3L:+:20565948-20566001	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_52439	GNVEVETDYIR	AGAP011286-PA	-	47	0.0003102	2	1294.628	0.24	Head	3L:+:20566708-20566740	exon=> In CDS Exon 6 of transcript AGAP011286-PA

JHU_Ag_52619	RTPDHDDLYDNLK	AGAP011286-PA	-	75	4.20E-07	1	1601.750	-3.47	Head	3L:+:20566303-20566341	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_53775	ETIEQQADAFK	AGAP011286-PA	-	44	0.000597581	2	1279.619	2.27	Salivary gland	3L:+:20565751-20565783	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_54579	ETIEQQADAFK	AGAP011286-PA	-	48	0.000281447	2	1279.620	2.46	Malpighian tubule	3L:+:20565751-20565783	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_54937	VDLAEDLADPNR	AGAP011286-PA	-	73	6.30E-07	1	1327.651	1.79	Salivary gland	3L:+:20565391-20565426	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_55498	VTLSEGPYHVAQFR	AGAP011286-PA	-	73	7.54E-07	1	1603.832	5.57	Salivary gland	3L:+:20564889-20564930	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_55826	EVLDEYGEDDEK	AGAP011286-PA	-	46	9.46E-05	2	1440.602	0.27	Head	3L:+:20567047-20567082	exon=> In CDS Exon 7 of transcript AGAP011286-PA
JHU_Ag_55904	VVVVGDQSSGK	AGAP011286-PA	-	49	0.000232523	1	1074.577	-1.93	Malpighian tubule	3L:+:20564775-20564807	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_56272	SVEAGWEALQK	AGAP011286-PA	-	77	3.38E-07	2	1217.618	1.2	Salivary gland	3L:+:20566240-20566272	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_56598	TIFVLTK	AGAP011286-PA	-	39	3.69E-05	2	821.515	1.88	Salivary gland	3L:+:20565370-20565390	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_59237	FNLETEWKNNFPR	AGAP011286-PA	-	59	1.92E-05	1	1694.838	5.39	Malpighian tubule	3L:+:20565793-20565830,20565911-20565911	exon=> In CDS Exon 4 and 5 of transcript AGAP011286-PA
JHU_Ag_60321	GEVLDEVVNLSQVSAK	AGAP011286-PA	-	132	6.78E-13	2	1686.896	3.02	Head	3L:+:20565954-20566001	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_64057	HSPTLSYDELTTVR	AGAP011286-PA	-	75	5.88E-07	1	1618.807	-0.07	Malpighian tubule	3L:+:20566651-20566692	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_66703	ETIEQQADAFK	AGAP011286-PA	-	61	1.37E-05	2	1279.616	-0.31	Ovary	3L:+:20565751-20565783	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_67506	LFQSGVTMSHQVTTR	AGAP011286-PA	M8(Oxidation)	111	1.39E-10	1	1707.856	4.63	Head	3L:+:20565565-20565572,20565669-20565705	exon=> In CDS Exon 3 and 4 of transcript AGAP011286-PA
JHU_Ag_70023	FNLETEWK	AGAP011286-PA	-	46	0.000360753	2	1066.523	2.18	Salivary gland	3L:+:20565793-20565816	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_71029	MVLVDLPGIISTQTVDMAPDTR	AGAP011286-PA	M1(Oxidation), M17(Oxidation)	83	6.65E-08	1	2404.219	3.95	Head	3L:+:20565084-20565149	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_72291	FNLETEWK	AGAP011286-PA	-	44	0.000503049	2	1066.518	-2.17	Male reproductive organs	3L:+:20565793-20565816	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_73595	VIQLNTLEDR	AGAP011286-PA	-	82	7.74E-08	1	1200.660	1.05	Salivary gland	3L:+:20566408-20566437	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_74083	IQQVIK	AGAP011286-PA	Q3(Deamidated)	40	0.000466399	1	729.450	-0.23	Pupa	3L:+:20566960-20566977	exon=> In CDS Exon 7 of transcript AGAP011286-PA
JHU_Ag_77621	IQQVIK	AGAP011286-PA	Q3(Deamidated)	37	0.002412577	1	729.455	5.54	Male reproductive organs	3L:+:20566960-20566977	exon=> In CDS Exon 7 of transcript AGAP011286-PA
JHU_Ag_82069	TIFVLTK	AGAP011286-PA	-	27	0.000639913	1	821.514	1.15	Head	3L:+:20565370-20565390	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_85053	HSPTLSYDELTTVRK	AGAP011286-PA	-	86	3.30E-08	1	1746.908	3.25	Malpighian tubule	3L:+:20566651-20566695	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_85378	AKGEVLDEVVNLSQVSAK	AGAP011286-PA	-	62	4.07E-06	1	1886.025	1.01	Salivary gland	3L:+:20565948-20566001	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_90726	IQQVIK	AGAP011286-PA	Q3(Deamidated)	39	0.00176393	1	729.452	2.45	Midgut	3L:+:20566960-20566977	exon=> In CDS Exon 7 of transcript AGAP011286-PA
JHU_Ag_94303	TSVLESIAQAR	AGAP011286-PA	-	65	4.00E-06	2	1174.645	2.14	Salivary gland	3L:+:20564808-20564840	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_95943	ESGRDELFEK	AGAP011286-PA	-	73	5.68E-07	1	1209.571	-3.06	Head	3L:+:20565918-20565947	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_97381	VTLSEGPYHVAQFR	AGAP011286-PA	-	112	1.03E-10	1	1603.826	2.23	Head	3L:+:20564889-20564930	exon=> In CDS Exon 2 of transcript AGAP011286-PA

JHU_Ag_97574	VVVVGDQSSGK	AGAP011286-PA	-	39	0.002031163	1	1074.578	-1.36	Head	3L:+:20564775-20564807	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_103098	VDLAEDLADPNR	AGAP011286-PA	-	47	0.000238183	2	1327.654	3.82	Ovary	3L:+:20565391-20565426	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_103691	AKGEVLDEVVNLSQVSAK	AGAP011286-PA	-	64	1.99E-06	1	1886.035	6.26	Ovary	3L:+:20565948-20566001	exon=> In CDS Exon 5 of transcript AGAP011286-PA
JHU_Ag_105218	TPDHDDLYDNLK	AGAP011286-PA	-	61	8.22E-06	1	1445.656	0.92	Head	3L:+:20566306-20566341	exon=> In CDS Exon 6 of transcript AGAP011286-PA
JHU_Ag_106486	VTLSEGPYHVAQFR	AGAP011286-PA	-	54	5.93E-05	2	1603.833	6.49	Malpighian tubule	3L:+:20564889-20564930	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_108653	TSVLESIAQAR	AGAP011286-PA	-	80	1.10E-07	2	1174.648	4.53	Malpighian tubule	3L:+:20564808-20564840	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_108743	VVVVGDQSSGKTSVLESIAQAR	AGAP011286-PA	-	85	2.10E-08	1	2230.206	0.83	Malpighian tubule	3L:+:20564775-20564840	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_109319	ALGYFAVVTGR	AGAP011286-PA	-	78	1.32E-07	2	1153.637	0.04	Salivary gland	3L:+:20565466-20565498	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_109888	NLSLAVADR	AGAP011286-PA	-	37	0.003572508	2	958.533	0.95	Salivary gland	3L:+:20565706-20565732	exon=> In CDS Exon 4 of transcript AGAP011286-PA
JHU_Ag_111656	TIFVLTK	AGAP011286-PA	-	42	2.04E-05	2	821.514	0.69	Visceras	3L:+:20565370-20565390	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_113388	LEEFINALNLEK	AGAP011286-PA	-	74	4.93E-07	1	1432.772	2.35	Malpighian tubule	3L:+:20567229-20567264	exon=> In CDS Exon 8 of transcript AGAP011286-PA
JHU_Ag_114402	APVKVTLSEGPYHVAQFR	AGAP011286-PA	-	119	9.25E-12	1	1999.088	6.06	Malpighian tubule	3L:+:20564877-20564930	exon=> In CDS Exon 2 of transcript AGAP011286-PA
JHU_Ag_114496	VQLAEELIR	AGAP011286-PA	-	40	0.000705159	2	1070.623	2.77	Malpighian tubule	3L:+:20567110-20567131,20567203-20567207	exon=> In CDS Exon 7 and 8 of transcript AGAP011286-PA
JHU_Ag_115517	ALGYFAVVTGR	AGAP011286-PA	-	68	1.44E-06	2	1153.636	-0.8	Visceras	3L:+:20565466-20565498	exon=> In CDS Exon 3 of transcript AGAP011286-PA
JHU_Ag_117279	LEEFINALNLEK	AGAP011286-PA	-	83	5.96E-08	1	1432.771	2.18	Salivary gland	3L:+:20567229-20567264	exon=> In CDS Exon 8 of transcript AGAP011286-PA
JHU_Ag_63611	NSIQNQVVGPEER	AGAP011287-PA	-	73	6.26E-07	1	1469.739	2.95	Malpighian tubule	3L:-:20571211-20571173	exon=> In CDS Exon 3 of transcript AGAP011287-PA
JHU_Ag_69325	IAINGAHFCTFGHR	AGAP011287-PA	C9(Carbamidomethyl)	61	1.46E-05	1	1600.779	-0.54	Midgut	3L:-:20571100-20571059	exon=> In CDS Exon 3 of transcript AGAP011287-PA
JHU_Ag_100907	DDVTLHISIRPHEHAIVR	AGAP011287-PA	-	69	7.80E-07	1	2108.136	-0.07	Midgut	3L:-:20571265-20571212	exon=> In CDS Exon 3 of transcript AGAP011287-PA
JHU_Ag_110107	NSIQNQVVGPEER	AGAP011287-PA	-	82	7.73E-08	1	1469.731	-2.03	Midgut	3L:-:20571211-20571173	exon=> In CDS Exon 3 of transcript AGAP011287-PA
JHU_Ag_53730	LFLTLK	AGAP011292-PA	-	28	0.000426521	2	734.481	-0.57	Male reproductive organs	3L:-:20580578-20580561	exon=> In CDS Exon 6 of transcript AGAP011292-PA
JHU_Ag_61723	LFLTLK	AGAP011292-PA	-	20	0.002523132	1	734.481	-0.66	Salivary gland	3L:-:20580578-20580561	exon=> In CDS Exon 6 of transcript AGAP011292-PA
JHU_Ag_63670	DPIARK	AGAP011292-PA	-	31	0.004585936	1	699.424	12.57	Salivary gland	3L:-:20583732-20583715	exon=> In CDS Exon 3 of transcript AGAP011292-PA
JHU_Ag_94511	LFLTLK	AGAP011292-PA	-	20	0.002523132	1	734.481	-0.57	Male reproductive organs	3L:-:20580578-20580561	exon=> In CDS Exon 6 of transcript AGAP011292-PA
JHU_Ag_56811	ATCDLASGFGVGSSLCAAHCIAR	AGAP011294-PA	C3(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl)	101	8.77E-10	1	2381.083	1.26	Malpighian tubule	3L:+:20628114-20628182	exon=> In CDS Exon 2 of transcript AGAP011294-PA
JHU_Ag_77966	ATCDLASGFGVGSSLCAAHCIAR	AGAP011294-PA	C3(Carbamidomethyl), C16(Carbamidomethyl), C20(Carbamidomethyl)	120	1.11E-11	1	2381.075	-2.04	Head	3L:+:20628114-20628182	exon=> In CDS Exon 2 of transcript AGAP011294-PA

JHU_Ag_34977	LDALDLLDLSSNQLSHLDSDSFSEASK	AGAP011296-PA	-	147	2.99E-14	1	2920.413	2.35	Head	3L:+:20675937-20676017	exon=> In CDS Exon 1 of transcript AGAP011296-PA
JHU_Ag_57492	GLTELPNNLPSNVVVLNLNHNNLKR	AGAP011296-PA	-	33	0.001327211	1	2782.525	-2.82	Male reproductive organs	3L:+:20675766-20675840	exon=> In CDS Exon 1 of transcript AGAP011296-PA
JHU_Ag_83451	RPAPTDQVRPAEEVPLNKV	AGAP011296-PA	-	65	1.87E-06	1	2116.151	0.14	Male reproductive organs	3L:+:20677021-20677077	exon=> In CDS Exon 3 of transcript AGAP011296-PA
JHU_Ag_741	VLCLSVAVGHVK	AGAP011298-PA	C3(Carbamidomethyl)	89	6.30E-09	1	1281.734	-0.31	Ovary	3L:-:20688852-20688817	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_1555	MSPDELAQNVHLAINFLVSLLKK	AGAP011298-PA	M1(Oxidation)	118	6.15E-12	1	2596.416	-0.28	Midgut	3L:-:20688816-20688748	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_4976	ANDIPFMDAEALKK	AGAP011298-PA	M7(Oxidation)	73	8.11E-07	1	1578.787	2.05	Malpighian tubule	3L:-:20689101-20689060	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_5776	MQVCVLGDQQHCDEAK	AGAP011298-PA	M1(Oxidation), C4(Carbamidomethyl), C12(Carbamidomethyl)	72	3.84E-07	2	1933.821	0.53	Head	3L:-:20689149-20689102	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_5963	VLCLSVAVGHVK	AGAP011298-PA	C3(Carbamidomethyl)	84	1.51E-08	1	1281.737	1.6	Pupa	3L:-:20688852-20688817	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_9131	KYDAFLASESLIK	AGAP011298-PA	-	98	1.76E-09	1	1484.799	-0.31	Ovary	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_9403	KYDAFLASESLIK	AGAP011298-PA	-	100	1.11E-09	1	1484.801	0.92	Salivary gland	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_10680	MQVCVLGDQQHCDEAK	AGAP011298-PA	M1(Oxidation), C4(Carbamidomethyl), C12(Carbamidomethyl)	64	2.64E-06	1	1933.825	2.58	Larva	3L:-:20689149-20689102	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_10832	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	98	2.51E-09	2	1451.749	2.98	Ovary	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_10859	ANDIPFMDAEALK	AGAP011298-PA	M7(Oxidation)	65	5.53E-06	2	1450.688	-0.21	Midgut	3L:-:20689101-20689063	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_12344	FSGTVKLK	AGAP011298-PA	-	42	9.71E-05	1	879.534	4.26	Malpighian tubule	3L:-:20689572-20689711,20688682-20689168	exon=> In CDS Exon 3 and 2 of transcript AGAP011298-PA
JHU_Ag_12638	LLGPGLNK	AGAP011298-PA	-	29	0.004239356	1	811.503	-1.05	Head	3L:-:20688969-20688946	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_12674	AGKFPGLLGHGESMVQK	AGAP011298-PA	M14(Oxidation)	101	9.65E-10	1	1771.923	4.06	Larva	3L:-:20688945-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_13368	AGKFPGLLGHGESMVQK	AGAP011298-PA	M14(Oxidation)	81	9.41E-08	1	1771.921	2.74	Malpighian tubule	3L:-:20688945-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_14848	VLCLSVAVGHVK	AGAP011298-PA	C3(Carbamidomethyl)	77	6.99E-08	1	1281.736	0.61	Salivary gland	3L:-:20688852-20688817	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_17375	YDAFLASESLIK	AGAP011298-PA	-	80	1.17E-07	2	1356.710	4.16	Head	3L:-:20689017-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_20902	ANDIPFMDAEALKK	AGAP011298-PA	-	38	0.002511732	1	1562.789	0.14	Midgut	3L:-:20689101-20689060	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_21754	LLGPGLNK	AGAP011298-PA	-	40	0.000283871	2	811.505	1.11	Ovary	3L:-:20688969-20688946	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_23494	MQVCVLGDQQHCDEAK	AGAP011298-PA	C4(Carbamidomethyl), C12(Carbamidomethyl)," M1(Oxidation), C4(Carbamidomethyl), C12(Carbamidomethyl)"	92	3.40E-09	1	1917.821	-1.99	Midgut	3L:-:20689149-20689102	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_23860	FLETVELQIGLK	AGAP011298-PA	-	80	3.68E-08	2	1389.799	-0.08	Ovary	3L:-:20689635-20689600	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_26006	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	102	1.10E-09	1	1451.747	1.39	Male reproductive organs	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA

JHU_Ag_27091	FLETVELQIGLK	AGAP011298-PA	-	97	8.18E-10	2	1389.799	0.36	Midgut	3L:-:20689635-20689600	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_27160	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	80	1.23E-07	1	1451.753	5.42	Midgut	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_30167	FPGLLGHGESMVQK	AGAP011298-PA	-	59	1.73E-05	1	1499.769	0.62	Malpighian tubule	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_30304	KYDAFLASESLIK	AGAP011298-PA	-	96	3.03E-09	1	1484.800	0.1	Male reproductive organs	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_30882	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	80	1.63E-07	2	1451.746	0.63	Salivary gland	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_31107	ANDIPFMDAEALKK	AGAP011298-PA	M7(Oxidation)	51	0.000151369	1	1562.789	0.61	Pupa	3L:-:20689101-20689060	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_34013	LLGPGLNK	AGAP011298-PA	-	40	0.000287939	2	811.504	0.51	Male reproductive organs	3L:-:20688969-20688946	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_37988	AGKFPGLLGHGESMVQK	AGAP011298-PA	M14(Oxidation)	116	3.22E-11	1	1771.920	2.44	Male reproductive organs	3L:-:20688945-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_38906	KVLCLSVAVGHVK	AGAP011298-PA	C4(Carbamidomethyl)	43	0.000134019	1	1409.830	0.19	Ovary	3L:-:20688855-20688817	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_42754	FPGLLGHGESMVQK	AGAP011298-PA	M11(Oxidation)	69	1.80E-06	1	1499.772	2.63	Salivary gland	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_43099	LLGPGLNK	AGAP011298-PA	-	30	0.002761349	1	811.507	4.44	Larva	3L:-:20688969-20688946	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_44689	YDAFLASESLIK	AGAP011298-PA	-	73	5.60E-07	2	1356.711	4.43	Larva	3L:-:20689017-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_45780	RFLETVELQIGLK	AGAP011298-PA	-	66	5.51E-07	1	1545.901	0.56	Malpighian tubule	3L:-:20689638-20689600	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_46024	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	81	1.24E-07	2	1451.752	4.75	Malpighian tubule	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_47186	MSPDELAQNVHLAINFLVSLLK	AGAP011298-PA	M1(Oxidation)	120	5.80E-12	1	2468.322	0.25	Midgut	3L:-:20688816-20688751	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_49752	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	83	8.29E-08	2	1451.749	2.82	Visceras	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_50881	DILYECVAEVLKGAETK	AGAP011298-PA	C6(Carbamidomethyl)	49	0.0001632	2	1937.994	2.71	Malpighian tubule	3L:-:20689695-20689645	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_51212	FPGLLGHGESMVQKIDEVK	AGAP011298-PA	M11(Oxidation)	74	4.90E-07	1	2100.079	-0.12	Midgut	3L:-:20688936-20688880	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_53178	ANDIPFMDAEALK	AGAP011298-PA	M7(Oxidation)	49	0.000203927	1	1450.696	5.09	Larva	3L:-:20689101-20689063	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_54556	FLETVELQIGLK	AGAP011298-PA	-	106	9.77E-11	2	1389.801	1.77	Pupa	3L:-:20689635-20689600	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_56814	KYDAFLASESLIK	AGAP011298-PA	-	69	1.28E-06	2	1484.802	1.42	Visceras	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_56858	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	104	6.37E-10	2	1451.748	2.06	Pupa	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_59560	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	109	1.77E-10	2	1451.754	5.84	Larva	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_61378	ANDIPFMDAEALKK	AGAP011298-PA	M7(Oxidation)	81	1.22E-07	1	1578.784	0.58	Male reproductive organs	3L:-:20689101-20689060	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_62520	MQVCVLGDQQHCDEAK	AGAP011298-PA	M1(Oxidation), C4(Carbamidomethyl), C12(Carbamidomethyl)	89	9.18E-09	1	1933.821	0.22	Male reproductive organs	3L:-:20689149-20689102	exon=> In CDS Exon 3 of transcript AGAP011298-PA

JHU_Ag_65788	MQVCVLGDQQHCDEAK	AGAP011298-PA	C4(Carbamidomethyl), C12(Carbamidomethyl),'' M1(Oxidation), C4(Carbamidomethyl), C12(Carbamidomethyl)''	106	1.65E-10	1	1933.818	-0.98	Malpighian tubule	3L:-:20689149-20689102	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_67561	YDAFLASESLIK	AGAP011298-PA	-	72	6.04E-07	2	1356.705	0.47	Male reproductive organs	3L:-:20689017-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_67849	LLGPGLNK	AGAP011298-PA	-	42	0.000197834	2	811.503	-0.92	Salivary gland	3L:-:20688969-20688946	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_67960	AGKFPGLLGHGESMVQK	AGAP011298-PA	M14(Oxidation)	96	3.20E-09	1	1771.917	0.58	Pupa	3L:-:20688945-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_70601	ANDIPFMDAEALKK	AGAP011298-PA	M7(Oxidation)	50	0.00018817	1	1578.790	4.44	Larva	3L:-:20689101-20689060	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_71546	FPGLLGHGESMVQK	AGAP011298-PA	M11(Oxidation)	75	4.69E-07	1	1499.767	-0.14	Midgut	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_71619	YDAFLASESLIK	AGAP011298-PA	-	51	7.74E-05	2	1356.715	7.58	Malpighian tubule	3L:-:20689017-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_74235	MSPDELAQNVHLAINFLVSLLK	AGAP011298-PA	M1(Oxidation)	128	6.77E-13	1	2468.335	5.36	Larva	3L:-:20688816-20688751	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_74386	VLCLSVAVGHVK	AGAP011298-PA	C3(Carbamidomethyl)	90	4.89E-09	1	1281.735	-0.21	Midgut	3L:-:20688852-20688817	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_75916	KYDAFLASESLIK	AGAP011298-PA	-	110	1.03E-10	1	1484.805	3.64	Malpighian tubule	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_75944	LLGPGLNK	AGAP011298-PA	-	31	0.002367554	1	811.504	0	Midgut	3L:-:20688969-20688946	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_80645	FLETVELQIGLK	AGAP011298-PA	-	64	1.46E-06	2	1389.799	0.36	Salivary gland	3L:-:20689635-20689600	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_81507	DILYECVAEVLK	AGAP011298-PA	C6(Carbamidomethyl)	104	6.14E-10	2	1451.748	1.81	Head	3L:-:20689695-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_82462	FPGLLGHGESMVQK	AGAP011298-PA	M11(Oxidation)	56	4.12E-05	1	1515.769	4.26	Larva	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_82576	FPGLLGHGESMVQK	AGAP011298-PA	M11(Oxidation)	78	2.38E-07	1	1515.767	2.73	Head	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_83444	KYDAFLASESLIK	AGAP011298-PA	-	99	1.63E-09	1	1484.804	2.73	Pupa	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_83591	RFSGTVK	AGAP011298-PA	-	39	0.000778316	1	794.451	-1.13	Head	3L:-:20689575-20689711,20688682-20689174	exon=> In CDS Exon 3 and 2 of transcript AGAP011298-PA
JHU_Ag_88298	FPGLLGHGESMVQK	AGAP011298-PA	M11(Oxidation)	92	1.03E-08	1	1515.763	0	Ovary	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_89013	AGKFPGLLGHGESMVQK	AGAP011298-PA	M14(Oxidation)	90	1.20E-08	1	1771.916	-0.21	Midgut	3L:-:20688945-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_89128	ANDIPFMDAEALK	AGAP011298-PA	M7(Oxidation)	54	8.08E-05	2	1434.697	2.2	Pupa	3L:-:20689101-20689063	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_90499	MSPDELAQNVHLAINFLVSLLK	AGAP011298-PA	M1(Oxidation)	159	6.40E-16	1	2468.323	0.32	Ovary	3L:-:20688816-20688751	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_91411	YDAFLASESLIK	AGAP011298-PA	-	73	5.51E-07	2	1356.706	1.01	Ovary	3L:-:20689017-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_91879	VSRDILYECVAEVLK	AGAP011298-PA	C9(Carbamidomethyl)	83	5.03E-08	1	1793.961	8.11	Malpighian tubule	3L:-:20689704-20689660	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_93207	MQVCVLGDQQHCDEAK	AGAP011298-PA	M1(Oxidation), C4(Carbamidomethyl), C12(Carbamidomethyl)	84	2.65E-08	1	1933.818	-1.12	Ovary	3L:-:20689149-20689102	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_94678	LKYIPRPK	AGAP011298-PA	-	35	0.000230177	1	1014.647	0.98	Malpighian tubule	3L:-:20689173-20689150	exon=> In CDS Exon 3 of transcript AGAP011298-PA

JHU_Ag_97263	ANDIPFMDAEALKK	AGAP011298-PA	M7(Oxidation)	49	0.000230462	1	1578.785	1.12	Ovary	3L:-:20689101-20689060	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_97972	FPGLLGHGESMVQK	AGAP011298-PA	M11(Oxidation)	89	2.03E-08	1	1515.763	0.48	Male reproductive organs	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_98718	KYDAFLASESLIK	AGAP011298-PA	-	110	1.14E-10	1	1484.803	2.24	Larva	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_100326	YDAFLASESLIK	AGAP011298-PA	-	53	4.95E-05	1	1356.706	1.06	Midgut	3L:-:20689017-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_101825	VLCLSVAVGHVK	AGAP011298-PA	C3(Carbamidomethyl)	78	6.37E-08	1	1281.735	0.46	Male reproductive organs	3L:-:20688852-20688817	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_104883	KYDAFLASESLIK	AGAP011298-PA	-	76	3.02E-07	2	1484.797	-1.71	Midgut	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_106095	VLCLSVAVGHVK	AGAP011298-PA	C3(Carbamidomethyl)	44	0.000160769	3	1281.737	1.97	Larva	3L:-:20688852-20688817	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_108391	KYDAFLASESLIK	AGAP011298-PA	-	100	1.07E-09	1	1484.796	-2.72	Head	3L:-:20689020-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_108520	MSPDELAQNVHLAINFLVSLLKK	AGAP011298-PA	M1(Oxidation)	121	3.20E-12	1	2596.413	-1.39	Ovary	3L:-:20688816-20688748	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_109075	RFLETVELQIGLK	AGAP011298-PA	-	32	0.001258211	1	1545.904	2.34	Ovary	3L:-:20689638-20689600	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_111257	FLETVELQIGLK	AGAP011298-PA	-	85	1.29E-08	2	1389.804	3.88	Malpighian tubule	3L:-:20689635-20689600	exon=> In CDS Exon 2 of transcript AGAP011298-PA
JHU_Ag_112510	ANDIPFMDAEALK	AGAP011298-PA	M7(Oxidation)	58	2.66E-05	2	1450.690	0.8	Head	3L:-:20689101-20689063	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_112852	LKYIPRPK	AGAP011298-PA	-	35	0.000221341	1	1014.647	1.34	Pupa	3L:-:20689173-20689150	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_115881	AGKFPGLLGHGESMVQK	AGAP011298-PA	M14(Oxidation)	38	0.001852111	1	1771.920	2.13	Salivary gland	3L:-:20688945-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_116190	FPGLLGHGESMVQK	AGAP011298-PA	-	90	1.17E-08	1	1499.772	2.71	Pupa	3L:-:20688936-20688895	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_116375	ANDIPFMDAEALK	AGAP011298-PA	-	44	0.000738776	2	1434.696	2.03	Malpighian tubule	3L:-:20689101-20689063	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_116514	ANDIPFMDAEALK	AGAP011298-PA	M7(Oxidation)	52	8.93E-05	2	1450.691	1.89	Male reproductive organs	3L:-:20689101-20689063	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_117058	YDAFLASESLIK	AGAP011298-PA	-	73	5.18E-07	2	1356.708	2.36	Pupa	3L:-:20689017-20688982	exon=> In CDS Exon 3 of transcript AGAP011298-PA
JHU_Ag_1124	DQLTQTPADDPAFVVGK	AGAP011299-PA	-	73	7.35E-07	2	1801.903	3.46	Head	3L:+:20692443-20692493	exon=> In CDS Exon 2 of transcript AGAP011299-PA
JHU_Ag_12809	LPVQGNER	AGAP011299-PA	N6(Deamidated)	30	0.005904067	1	913.478	4.53	Malpighian tubule	3L:+:20690631-20690654	exon=> In CDS Exon 1 of transcript AGAP011299-PA
JHU_Ag_110874	TILQDASPDDSYYR	AGAP011299-PA	-	63	5.54E-06	1	1643.755	0.3	Midgut	3L:+:20692038-20692079	exon=> In CDS Exon 2 of transcript AGAP011299-PA
JHU_Ag_1900	MSQYLEGMSIGDK	AGAP011300-PA	-	80	1.10E-07	1	1458.664	2.29	Malpighian tubule	3L:+:20700203-20700241	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_7249	MSQYLEGMSIGDK	AGAP011300-PA	M8(Oxidation),"M1(Oxidation), M8(Oxidation)",M1(Oxidation)	94	4.36E-09	2	1458.660	-0.22	Midgut	3L:+:20700203-20700241	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_10347	LWYTLDRPKPEWTQGK	AGAP011300-PA	-	62	9.08E-06	1	2018.054	2.07	Malpighian tubule	3L:+:20701558-20701605	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_26525	LSLIFANQTEDDILLKPELDDLAAR	AGAP011300-PA	-	64	2.75E-06	1	2813.485	-2.78	Salivary gland	3L:+:20701375-20701398,20701489-20701539	exon=> In CDS Exon 3 and 4 of transcript AGAP011300-PA
JHU_Ag_29227	MSQYLEGMSIGDKIAFR	AGAP011300-PA	-	52	0.000127937	1	1945.958	3.77	Malpighian tubule	3L:+:20700203-20700253	exon=> In CDS Exon 2 of transcript AGAP011300-PA

JHU_Ag_31930	LWYTLDRPKPEWTQGK	AGAP011300-PA	-	57	2.85E-05	1	2018.053	1.71	Salivary gland	3L:+:20701558-20701605	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_44954	LWYTLDRPKPEWTQGK	AGAP011300-PA	-	80	1.38E-07	1	2018.049	-0.38	Head	3L:+:20701558-20701605	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_45134	AYTPVSCDDDHGYVDLVVK	AGAP011300-PA	C7(Carbamidomethyl)	66	2.98E-06	1	2152.987	0.48	Head	3L:+:20700101-20700157	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_49594	GFVTDEMIKER	AGAP011300-PA	M7(Oxidation)	90	1.52E-08	1	1324.657	0.2	Malpighian tubule	3L:+:20701606-20701638	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_60038	AYTPVSCDDDHGYVDLVVK	AGAP011300-PA	C7(Carbamidomethyl)	71	9.09E-07	2	2152.981	-2.04	Midgut	3L:+:20700101-20700157	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_61521	YMLPLIEKEEISHDTR	AGAP011300-PA	M2(Oxidation)	59	2.08E-05	1	1990.008	6.66	Midgut	3L:+:20699951-20699998	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_61627	MSQYLEGMSIGDK	AGAP011300-PA	M1(Oxidation), M8(Oxidation)	79	1.01E-07	2	1490.655	3.25	Larva	3L:+:20700203-20700241	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_77775	AYTPVSCDDDHGYVDLVVK	AGAP011300-PA	C7(Carbamidomethyl)	91	9.32E-09	1	2152.992	2.95	Malpighian tubule	3L:+:20700101-20700157	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_83276	LWYTLDRPKPEWTQGK	AGAP011300-PA	-	52	7.74E-05	1	2018.054	2.25	Pupa	3L:+:20701558-20701605	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_89196	KDPAQIYEATQVGLIAGGTGITPMLQLIR	AGAP011300-PA	M24(Oxidation)	61	3.12E-06	1	3070.672	3.71	Midgut	3L:+:20700314-20700362,20701301-20701338	exon=> In CDS Exon 2 and 3 of transcript AGAP011300-PA
JHU_Ag_90298	EEISHDTRR	AGAP011300-PA	-	39	0.00135578	1	1142.555	0.05	Male reproductive organs	3L:+:20699975-20700001	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_95130	YMLPLIEK	AGAP011300-PA	M2(Oxidation)	35	0.002758345	1	1022.560	0.48	Male reproductive organs	3L:+:20699951-20699974	exon=> In CDS Exon 2 of transcript AGAP011300-PA
JHU_Ag_97494	LWYTLDRPKPEWTQGK	AGAP011300-PA	-	80	1.32E-07	1	2018.043	-3.33	Male reproductive organs	3L:+:20701558-20701605	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_99563	YPDQFK	AGAP011300-PA	-	30	0.006437105	1	797.382	-0.75	Midgut	3L:+:20701540-20701557	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_106071	LSLIFANQTEDDILLKPELDDLAAR	AGAP011300-PA	-	98	8.19E-10	1	2813.503	3.34	Head	3L:+:20701375-20701398,20701489-20701539	exon=> In CDS Exon 3 and 4 of transcript AGAP011300-PA
JHU_Ag_111685	YPDQFKLWYTLDRPKPEWTQGK	AGAP011300-PA	-	104	4.75E-10	1	2796.423	2.86	Malpighian tubule	3L:+:20701540-20701605	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_112424	LWYTLDRPKPEWTQGK	AGAP011300-PA	-	70	1.26E-06	1	2018.049	-0.01	Midgut	3L:+:20701558-20701605	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_113124	GFVTDEMIKER	AGAP011300-PA	M7(Oxidation)	63	7.06E-06	1	1340.650	-0.93	Midgut	3L:+:20701606-20701638	exon=> In CDS Exon 4 of transcript AGAP011300-PA
JHU_Ag_75518	GIGYLGDPCPEDDDVCVK	AGAP011301-PA	C9(Carbamidomethyl), C16(Carbamidomethyl)	103	2.64E-10	1	2008.864	0.83	Head	3L:-:20702943-20702890	exon=> In CDS Exon 1 of transcript AGAP011301-PA
JHU_Ag_231	VTHASPSGMYAHIAFR	AGAP011302-PA	M9(Oxidation)	106	3.44E-10	1	1760.853	-0.6	Midgut	3L:+:20765034-20765081	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_3304	YAIDETVEFAK	AGAP011302-PA	-	83	6.45E-08	1	1285.638	5.25	Larva	3L:+:20765577-20765609	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_5542	NLDEEPTLSEMVDK	AGAP011302-PA	-	89	1.65E-08	1	1619.746	-0.74	Midgut	3L:+:20765442-20765483	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_7247	LLGMFEPSHCVYNLDR	AGAP011302-PA	M4(Oxidation), C10(Carbamidomethyl)	102	9.74E-10	1	1966.924	4.29	Larva	3L:+:20765385-20765432	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_8695	GQDIFGPAGTGK	AGAP011302-PA	-	69	2.03E-06	1	1147.577	2.11	Larva	3L:+:20765782-20765817	exon=> In CDS Exon 3 of transcript AGAP011302-PA
JHU_Ag_13570	TTHTSSIGQWAMDAGK	AGAP011302-PA	M12(Oxidation)	113	7.14E-11	1	1706.788	4.64	Larva	3L:+:20764959-20765006	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_17794	NVIMFLGDGMSISTVAMAR	AGAP011302-PA	M4(Oxidation), M10(Oxidation), M17(Oxidation)	141	1.41E-13	1	2060.992	4.98	Larva	3L:+:20764698-20764754	exon=> In CDS Exon 2 of transcript AGAP011302-PA

JHU_Ag_18336	DGIPYMTISYANGLGFYK	AGAP011302-PA	M6(Oxidation),N12(Deamidated),"M6(Oxidation), N12(Deamidated)"	105	4.54E-10	1	2010.958	2.86	Midgut	3L:+:20765818-20765871	exon=> In CDS Exon 3 of transcript AGAP011302-PA
JHU_Ag_23109	SDLMAVDPHR	AGAP011302-PA	M4(Oxidation)	67	2.15E-06	1	1156.546	3.59	Larva	3L:+:20765346-20765375	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_25394	DAGIVTTTR	AGAP011302-PA	-	64	8.41E-06	1	933.502	2.11	Larva	3L:+:20765007-20765033	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_31753	HLINEWLK	AGAP011302-PA	-	58	1.05E-05	1	1052.589	0.36	Midgut	3L:+:20765280-20765303	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_31889	TTHTSSIGQWAMDAGK	AGAP011302-PA	M12(Oxidation)	114	4.69E-11	2	1706.779	-0.87	Midgut	3L:+:20764959-20765006	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_37533	VTHASPSGMYAHIAFR	AGAP011302-PA	M9(Oxidation)	106	3.87E-10	1	1760.860	3.49	Larva	3L:+:20765034-20765081	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_43173	YAIDETVEFAK	AGAP011302-PA	-	92	8.74E-09	1	1285.632	0.32	Midgut	3L:+:20765577-20765609	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_44677	NLDEEPTLSEMVDK	AGAP011302-PA	M11(Oxidation)	100	1.02E-09	1	1635.748	3.79	Larva	3L:+:20765442-20765483	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_46254	EIHQDYETGR	AGAP011302-PA	-	39	0.001181676	2	1247.564	-0.61	Midgut	3L:+:20765226-20765255	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_47643	GQDIFGPAGTGK	AGAP011302-PA	-	40	0.002055512	1	1147.576	1.22	Midgut	3L:+:20765782-20765817	exon=> In CDS Exon 3 of transcript AGAP011302-PA
JHU_Ag_50184	ATDILSTNPEGFFLFVEGGR	AGAP011302-PA	-	105	4.41E-10	1	2170.084	1	Midgut	3L:+:20765484-20765543	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_56132	NAEQEQTIEYWR	AGAP011302-PA	N1(Deamidated)	91	1.12E-08	1	1566.726	4.72	Larva	3L:+:20764599-20764634	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_64537	NAEQEQTIEYWR	AGAP011302-PA	-	92	7.94E-09	1	1566.718	-0.34	Midgut	3L:+:20764599-20764634	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_71683	GNYETIGVNAHVPVR	AGAP011302-PA	N9(Deamidated)	110	1.27E-10	1	1626.828	3.02	Larva	3L:+:20764890-20764934	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_72379	LLGMFEPSHCVYNLDR	AGAP011302-PA	M4(Oxidation), C10(Carbamidomethyl)	97	2.80E-09	1	1966.913	-1.1	Midgut	3L:+:20765385-20765432	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_73426	EMEDAGADDFR	AGAP011302-PA	M2(Oxidation)	53	5.86E-06	1	1271.483	-1.07	Midgut	3L:+:20765911-20765943	exon=> In CDS Exon 3 of transcript AGAP011302-PA
JHU_Ag_74677	DGIPYMTISYANGLGFYK	AGAP011302-PA	M6(Oxidation),"M6(Oxidation), N12(Deamidated)"	127	3.25E-12	1	2025.969	3.25	Larva	3L:+:20765818-20765871	exon=> In CDS Exon 3 of transcript AGAP011302-PA
JHU_Ag_75684	DAGIVTTTR	AGAP011302-PA	-	51	0.000156905	1	933.500	-0.23	Midgut	3L:+:20765007-20765033	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_82792	HLINEWLK	AGAP011302-PA	-	48	9.15E-05	1	1052.591	1.87	Larva	3L:+:20765280-20765303	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_93629	FSEEDTLIVVTSDHSHSVSFSGYPSR	AGAP011302-PA	-	181	1.19E-17	1	2883.356	4.52	Larva	3L:+:20765634-20765705,20765776-20765781	exon=> In CDS Exon 2 and 3 of transcript AGAP011302-PA
JHU_Ag_99592	TYCVNYQVADSACTATAYLTGVK	AGAP011302-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	141	1.20E-13	2	2556.180	2.31	Larva	3L:+:20764821-20764889	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_100839	ATDILSTNPEGFFLFVEGGR	AGAP011302-PA	-	85	3.90E-08	2	2170.091	4.49	Larva	3L:+:20765484-20765543	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_102416	EMEDAGADDFR	AGAP011302-PA	M2(Oxidation)	69	1.82E-07	2	1271.489	3.54	Larva	3L:+:20765911-20765943	exon=> In CDS Exon 3 of transcript AGAP011302-PA
JHU_Ag_104492	VYAGGEEKPLSFEEFPFVGMSK	AGAP011302-PA	M20(Oxidation)	113	7.35E-11	1	2448.178	-0.48	Midgut	3L:+:20764755-20764820	exon=> In CDS Exon 2 of transcript AGAP011302-PA

JHU_Ag_105259	NVIMFLGDGMSISTVAMAR	AGAP011302-PA	M4(Oxidation), M10(Oxidation), M17(Oxidation),"M4(Oxidation), M10(Oxidation)"	125	5.59E-12	1	2060.984	1.07	Midgut	3L:+:20764698-20764754	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_108488	VYAGGEEKPLSFEEFPFVGMSK	AGAP011302-PA	M20(Oxidation)	129	1.96E-12	1	2464.189	5.8	Larva	3L:+:20764755-20764820	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_110798	SDLMAVDPHRTDR	AGAP011302-PA	M4(Oxidation)	73	6.34E-07	1	1528.721	2.38	Larva	3L:+:20765346-20765384	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_111992	GNYETIGVNAHVPVR	AGAP011302-PA	-	116	3.16E-11	1	1625.841	1.22	Midgut	3L:+:20764890-20764934	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_113077	FSEEDTLIVVTSDHSHSVSFSGYPSR	AGAP011302-PA	-	171	1.09E-16	1	2883.340	-1.06	Midgut	3L:+:20765634-20765705,20765776-20765781	exon=> In CDS Exon 2 and 3 of transcript AGAP011302-PA
JHU_Ag_115652	TYCVNYQVADSACTATAYLTGVK	AGAP011302-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	115	4.21E-11	2	2556.171	-1.32	Midgut	3L:+:20764821-20764889	exon=> In CDS Exon 2 of transcript AGAP011302-PA
JHU_Ag_3637	YMAMVPMDAETHGGDDVGVWASGPMSHLFR	AGAP011303-PA	M2(Oxidation), M4(Oxidation), M7(Oxidation), M25(Oxidation)	115	1.44E-11	1	3328.438	6.26	Larva	3L:-:20767117-20767028	exon=> In CDS Exon 2 of transcript AGAP011303-PA
JHU_Ag_24875	KMTSEQDTLIVVSSDHSHTMTYNGYPK	AGAP011303-PA	M2(Oxidation), M20(Oxidation), N23(Deamidated)	65	3.52E-06	1	3102.413	3.25	Midgut	3L:-:20767436-20767463,20766872-20767286	exon=> In CDS Exon 2 and 1 of transcript AGAP011303-PA
JHU_Ag_39779	MTSEQDTLIVVSSDHSHTMTYNGYPK	AGAP011303-PA	M1(Oxidation), M19(Oxidation), N22(Deamidated)	95	2.77E-09	1	2974.329	7	Larva	3L:-:20767433-20767463,20766872-20767286	exon=> In CDS Exon 2 and 1 of transcript AGAP011303-PA
JHU_Ag_59040	KMTSEQDTLIVVSSDHSHTMTYNGYPK	AGAP011303-PA	M2(Oxidation), M20(Oxidation), N23(Deamidated)	110	1.29E-10	1	3102.416	4.11	Larva	3L:-:20767436-20767463,20766872-20767286	exon=> In CDS Exon 2 and 1 of transcript AGAP011303-PA
JHU_Ag_86248	ADPSNYDYK	AGAP011303-PA	-	29	0.004028561	1	1072.462	3.35	Larva	3L:-:20767159-20767133	exon=> In CDS Exon 2 of transcript AGAP011303-PA
JHU_Ag_102882	YMAMVPMDAETHGGDDVGVWASGPMSHLFR	AGAP011303-PA	M2(Oxidation), M4(Oxidation), M7(Oxidation), M25(Oxidation)	51	2.91E-05	1	3328.417	0.17	Midgut	3L:-:20767117-20767028	exon=> In CDS Exon 2 of transcript AGAP011303-PA
JHU_Ag_7325	MYLGNEANFLSFENFK	AGAP011304-PA	-	78	1.89E-07	2	1923.896	0.92	Pupa	3L:-:20768306-20768259	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_23052	MYLGNEANFLSFENFK	AGAP011304-PA	M1(Oxidation)	132	9.22E-13	2	1939.892	1.02	Midgut	3L:-:20768306-20768259	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_42478	INYGMVNIAASVDR	AGAP011304-PA	M5(Oxidation)	109	1.79E-10	1	1538.762	-0.71	Midgut	3L:-:20768171-20768130	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_42831	QVSDSSCTATAYLSGVK	AGAP011304-PA	C7(Carbamidomethyl)	120	1.45E-11	2	1773.830	-1.15	Midgut	3L:-:20768222-20768172	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_43226	LATPHNTDHAK	AGAP011304-PA	-	52	9.80E-05	1	1204.606	-0.68	Midgut	3L:-:20768396-20768364	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_43945	YWENDVEVASSDCDPSR	AGAP011304-PA	N4(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	137	5.89E-14	1	2028.830	2.75	Larva	3L:-:20767982-20767932	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_47289	VDDIAEQLVDKEVAQR	AGAP011304-PA	-	137	2.52E-13	1	1827.949	2.52	Larva	3L:-:20767931-20767884	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_57730	ITHATPAGAYASSANR	AGAP011304-PA	-	108	2.28E-10	1	1587.794	3.89	Larva	3L:-:20768030-20767983	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_60677	YWENDVEVASSDCDPSRVDDIAEQLVDK	AGAP011304-PA	C13(Carbamidomethyl)	119	9.99E-12	1	3254.455	3.54	Larva	3L:-:20767982-20767899	exon=> In CDS Exon 2 of transcript AGAP011304-PA

JHU_Ag_68455	NVIFFIGDGMSSQTVAATR	AGAP011304-PA	M10(Oxidation)	136	4.75E-13	1	2030.002	0.55	Midgut	3L:-:20768363-20768307	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_70335	ELETDYWLEQAQQTLAQK	AGAP011304-PA	-	132	1.06E-12	1	2194.080	6.18	Larva	3L:-:20768450-20768397	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_70622	NVIFFIGDGMSSQTVAATR	AGAP011304-PA	M10(Oxidation)	127	3.35E-12	1	2030.010	4.34	Larva	3L:-:20768363-20768307	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_72872	INYGMVNIAASVDR	AGAP011304-PA	M5(Oxidation)	118	2.20E-11	1	1538.770	4.45	Larva	3L:-:20768171-20768130	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_73241	QVSDSSCTATAYLSGVK	AGAP011304-PA	C7(Carbamidomethyl)	123	6.48E-12	1	1773.841	4.77	Larva	3L:-:20768222-20768172	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_76705	MYLGNEANFLSFENFK	AGAP011304-PA	M1(Oxidation)	135	4.79E-13	1	1939.898	4.48	Larva	3L:-:20768306-20768259	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_77930	VDDIAEQLVDK	AGAP011304-PA	-	81	1.19E-07	1	1244.637	0.06	Midgut	3L:-:20767931-20767899	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_87558	ELETDYWLEQAQQTLAQK	AGAP011304-PA	-	109	1.94E-10	1	2194.076	4.4	Midgut	3L:-:20768450-20768397	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_93441	YWENDVEVASSDCDPSR	AGAP011304-PA	C13(Carbamidomethyl)	110	2.65E-11	1	2028.824	-0.2	Midgut	3L:-:20767982-20767932	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_107735	VDDIAEQLVDKEVAQR	AGAP011304-PA	-	138	2.17E-13	1	1827.944	-0.35	Midgut	3L:-:20767931-20767884	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_116296	VDDIAEQLVDK	AGAP011304-PA	-	90	1.38E-08	1	1244.643	4.96	Larva	3L:-:20767931-20767899	exon=> In CDS Exon 2 of transcript AGAP011304-PA
JHU_Ag_30607	EFHKAIELAR	AGAP011305-PA	-	35	0.003721503	1	1213.657	-9.97	Midgut	3L:-:20770052-20770023	exon=> In CDS Exon 1 of transcript AGAP011305-PA
JHU_Ag_97202	TAVAPLDRIK	AGAP011308-PA	-	29	0.005058807	1	1083.653	1.16	Malpighian tubule	3L:-:20830552-20830523	exon=> In CDS Exon 1 of transcript AGAP011308-PA
JHU_Ag_44141	LPFYVAPEGFEVPK	AGAP011309-PA	-	39	0.001253237	2	1592.841	3.37	Ovary	3L:+:20837959-20838000	exon=> In CDS Exon 1 of transcript AGAP011309-PA
JHU_Ag_47526	GRLPFYVAPEGFEVPK	AGAP011309-PA	-	36	0.002273187	1	1805.969	5.89	Malpighian tubule	3L:+:20837953-20838000	exon=> In CDS Exon 1 of transcript AGAP011309-PA
JHU_Ag_92029	IVTPAPFQGWVSSGTVAR	AGAP011309-PA	-	58	1.25E-05	1	1873.004	4.04	Ovary	3L:+:20836765-20836818	exon=> In CDS Exon 1 of transcript AGAP011309-PA
JHU_Ag_104134	IFLIDCPGVVYPTAETDTEK	AGAP011309-PA	C6(Carbamidomethyl)	36	0.004232881	1	2268.111	0.27	Ovary	3L:+:20837662-20837721	exon=> In CDS Exon 1 of transcript AGAP011309-PA
JHU_Ag_902	VVQPTATVSSVPVTAPTTGIAR	AGAP011312-PA	-	94	1.19E-09	1	2152.193	-1.93	Head	3L:+:20845325-20845373,20845667-20845683	exon=> In CDS Exon 3 and 4 of transcript AGAP011312-PA
JHU_Ag_14818	QIVLLLLAER	AGAP011312-PA	-	41	4.54E-05	2	1167.747	0.83	Head	3L:+:20843635-20843664	exon=> In CDS Exon 1 of transcript AGAP011312-PA
JHU_Ag_35501	YSKPPNLNDPHAALFR	AGAP011312-PA	-	45	0.000320917	1	1839.952	0.89	Head	3L:+:20843182-20843229	exon=> In CDS Exon 1 of transcript AGAP011312-PA
JHU_Ag_54012	RVVQELYDER	AGAP011312-PA	-	38	0.003019766	1	1306.672	-2.11	Head	3L:+:20843434-20843463	exon=> In CDS Exon 1 of transcript AGAP011312-PA
JHU_Ag_67646	RSEDLAQILSEEK	AGAP011312-PA	-	43	0.000836832	3	1517.777	-2.5	Head	3L:+:20843701-20843739	exon=> In CDS Exon 1 of transcript AGAP011312-PA
JHU_Ag_1058	DMLGENGVFIYPTHPTVAPYHNEPLIR	AGAP011315-PA	M2(Oxidation)	139	1.49E-13	1	3096.532	2.2	Midgut	3L:+:20941769-20941849	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_1279	EKPFLGVPISTK	AGAP011315-PA	-	49	7.59E-05	1	1315.763	0.32	Salivary gland	3L:+:20940477-20940512	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_2068	IIADENAPK	AGAP011315-PA	-	47	0.000191271	2	970.525	4.27	Salivary gland	3L:+:20941313-20941339	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_4306	EKPFLGVPISTK	AGAP011315-PA	-	63	2.45E-06	1	1315.762	-0.15	Midgut	3L:+:20940477-20940512	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_4410	LTSVEVTQAFIDR	AGAP011315-PA	-	107	1.97E-10	2	1478.789	2.94	Salivary gland	3L:+:20940312-20940350	exon=> In CDS Exon 2 of transcript AGAP011315-PA

JHU_Ag_5010	KLTSVEVTQAFIDR	AGAP011315-PA	-	110	7.64E-11	2	1606.886	3.55	Salivary gland	3L:+:20940235-20940237,20940312-20940350	exon=> In CDS Exon 1 and 2 of transcript AGAP011315-PA
JHU_Ag_5921	DAQTKQNLLER	AGAP011315-PA	Q3(Deamidated), Q6(Deamidated), N7(Deamidated)	33	0.006491365	1	1318.633	-11.59	Midgut	3L:+:20940025-20940057	exon=> In CDS Exon 1 of transcript AGAP011315-PA
JHU_Ag_7645	VGFDSQLANLEGAINPWLELAK	AGAP011315-PA	-	102	5.72E-10	1	2385.249	1.6	Midgut	3L:+:20941568-20941633	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_13802	EVNPLLNCVVDER	AGAP011315-PA	C8(Carbamidomethyl)	53	7.63E-05	2	1556.774	-0.04	Midgut	3L:+:20940357-20940395	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_14986	AFGGWVAPEVK	AGAP011315-PA	-	43	0.000810286	2	1160.611	0.6	Pupa	3L:+:20942012-20942044	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_15056	FLVLLVR	AGAP011315-PA	-	34	1.89E-05	2	859.578	1.46	Salivary gland	3L:+:20940106-20940126	exon=> In CDS Exon 1 of transcript AGAP011315-PA
JHU_Ag_17663	LRLDEPVDLK	AGAP011315-PA	-	34	0.002023245	2	1197.685	0.55	Midgut	3L:+:20941340-20941369	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_26090	MPAFFNGIFGHKPTK	AGAP011315-PA	M1(Oxidation)	70	1.69E-06	1	1707.871	2.18	Head	3L:+:20940964-20941008	exon=> In CDS Exon 4 of transcript AGAP011315-PA
JHU_Ag_26536	EGLPVGLQVVAGVNQDR	AGAP011315-PA	-	94	3.09E-09	2	1750.945	-0.12	Midgut	3L:+:20941928-20941978	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_29045	SRNPYDANR	AGAP011315-PA	-	40	0.001521315	2	1092.517	-0.91	Midgut	3L:+:20940844-20940870	exon=> In CDS Exon 4 of transcript AGAP011315-PA
JHU_Ag_32479	FFYQINDGGAHLVSPVDLDIR	AGAP011315-PA	-	63	6.29E-06	1	2376.210	4.97	Pupa	3L:+:20941379-20941441	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_34847	SAPMWLANMK	AGAP011315-PA	M4(Oxidation), M9(Oxidation)	38	0.002013664	2	1180.549	-0.31	Midgut	3L:+:20941526-20941555	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_37059	FLVLLVR	AGAP011315-PA	-	32	4.57E-05	1	859.576	-0.8	Midgut	3L:+:20940106-20940126	exon=> In CDS Exon 1 of transcript AGAP011315-PA
JHU_Ag_38317	MPPITNLILMESATSLATK	AGAP011315-PA	M1(Oxidation),"M1(Oxidation), M10(Oxidation)"	81	9.57E-08	1	2063.073	-1.43	Midgut	3L:+:20940166-20940222	exon=> In CDS Exon 1 of transcript AGAP011315-PA
JHU_Ag_38933	IIADENAPK	AGAP011315-PA	-	49	0.000123379	2	970.521	0.24	Malpighian tubule	3L:+:20941313-20941339	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_42974	IIADENAPK	AGAP011315-PA	-	38	0.001483346	1	970.521	0.26	Midgut	3L:+:20941313-20941339	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_43335	FFYQINDGGAHLVSPVDLDIR	AGAP011315-PA	-	90	1.24E-08	1	2376.200	0.58	Midgut	3L:+:20941379-20941441	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_43548	LIASGTMTVEQLER	AGAP011315-PA	M7(Oxidation)	98	2.39E-09	2	1563.805	-0.1	Salivary gland	3L:+:20940435-20940476	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_44776	FLVLLVR	AGAP011315-PA	-	28	7.10E-05	2	859.578	2.03	Malpighian tubule	3L:+:20940106-20940126	exon=> In CDS Exon 1 of transcript AGAP011315-PA
JHU_Ag_46758	LRLDEPVDLK	AGAP011315-PA	-	51	4.33E-05	1	1197.686	1.57	Salivary gland	3L:+:20941340-20941369	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_52170	EVNPLLNCVVDER	AGAP011315-PA	C8(Carbamidomethyl)	44	0.000637583	2	1556.778	2.62	Malpighian tubule	3L:+:20940357-20940395	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_52952	VEGLLHTSGIWNR	AGAP011315-PA	-	57	1.57E-05	1	1481.786	0.07	Malpighian tubule	3L:+:20940525-20940531,20940609-20940640	exon=> In CDS Exon 2 and 3 of transcript AGAP011315-PA
JHU_Ag_56603	VEGLLHTSGIWNR	AGAP011315-PA	-	53	3.71E-05	2	1481.793	4.82	Midgut	3L:+:20940525-20940531,20940609-20940640	exon=> In CDS Exon 2 and 3 of transcript AGAP011315-PA
JHU_Ag_60273	DMLGENGVFIYPTHPTVAPYHNEPLIR	AGAP011315-PA	M2(Oxidation)	92	7.84E-09	1	3096.530	1.79	Head	3L:+:20941769-20941849	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_60527	VEGLLHTSGIWNR	AGAP011315-PA	-	56	1.85E-05	1	1481.789	2.05	Salivary gland	3L:+:20940525-20940531,20940609-20940640	exon=> In CDS Exon 2 and 3 of transcript AGAP011315-PA

JHU_Ag_62612	YATDLKPMLR	AGAP011315-PA	M8(Oxidation)	63	7.26E-06	1	1223.645	-0.41	Midgut	3L:+:20941283-20941312	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_68877	MSNHTLIGILTALTER	AGAP011315-PA	M1(Oxidation)	59	1.37E-05	1	1785.952	-0.63	Midgut	3L:+:20941646-20941693	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_72153	FFYQINDGGAHLVSPVDLDIR	AGAP011315-PA	-	87	2.32E-08	1	2376.211	5.12	Head	3L:+:20941379-20941441	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_72348	YGSAEYHHYVQQK	AGAP011315-PA	-	61	9.54E-06	1	1609.735	-2.56	Head	3L:+:20941706-20941744	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_78729	LIASGTMTVEQLER	AGAP011315-PA	M7(Oxidation)	100	1.56E-09	2	1563.799	-3.45	Midgut	3L:+:20940435-20940476	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_82384	MSNHTLIGILTALTER	AGAP011315-PA	M1(Oxidation)	64	4.17E-06	1	1785.949	-2.34	Salivary gland	3L:+:20941646-20941693	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_83453	LCLAVACELER	AGAP011315-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	57	3.30E-05	2	1333.665	3.65	Head	3L:+:20941979-20942011	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_84004	MPAFFNGIFGHKPTK	AGAP011315-PA	N6(Deamidated),"M1(Oxidation), N6(Deamidated)"	58	2.61E-05	1	1708.848	-2	Midgut	3L:+:20940964-20941008	exon=> In CDS Exon 4 of transcript AGAP011315-PA
JHU_Ag_88969	LRLDEPVDLK	AGAP011315-PA	-	57	1.24E-05	1	1197.679	-4.24	Head	3L:+:20941340-20941369	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_91682	MPAFFNGIFGHKPTK	AGAP011315-PA	M1(Oxidation)	62	1.02E-05	1	1707.875	4.11	Salivary gland	3L:+:20940964-20941008	exon=> In CDS Exon 4 of transcript AGAP011315-PA
JHU_Ag_96488	IIADENAPK	AGAP011315-PA	-	42	0.000605262	1	970.522	1.44	Head	3L:+:20941313-20941339	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_104618	LCLAVACELER	AGAP011315-PA	C2(Carbamidomethyl), C7(Carbamidomethyl)	74	7.15E-07	2	1333.659	-0.74	Midgut	3L:+:20941979-20942011	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_111178	EGLPVGLQVVAGVNQDR	AGAP011315-PA	-	98	1.15E-09	1	1750.950	3.08	Salivary gland	3L:+:20941928-20941978	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_112264	EGLPVGLQVVAGVNQDR	AGAP011315-PA	-	89	8.44E-09	2	1750.949	2.39	Head	3L:+:20941928-20941978	exon=> In CDS Exon 5 of transcript AGAP011315-PA
JHU_Ag_115857	EVNPLLNCVVDER	AGAP011315-PA	C8(Carbamidomethyl)	51	0.000106256	1	1556.779	3.64	Head	3L:+:20940357-20940395	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_116268	EKPFLGVPISTK	AGAP011315-PA	-	43	0.000191771	1	1315.769	5.05	Male reproductive organs	3L:+:20940477-20940512	exon=> In CDS Exon 2 of transcript AGAP011315-PA
JHU_Ag_96413	AGGAFDPIAFVQRPTVILR	AGAP011318-PA	-	135	8.92E-14	1	2028.148	4.39	Head	3L:+:20949959-20950015	exon=> In CDS Exon 1 of transcript AGAP011318-PA
JHU_Ag_50119	CANNGIGWFCTR	AGAP011319-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	78	1.16E-07	2	1455.627	0.74	Head	3L:+:20963577-20963612	exon=> In CDS Exon 3 of transcript AGAP011319-PA
JHU_Ag_1348	GLFTLTGPSHFQMIDFDLK	AGAP011322-PA	M13(Oxidation)	42	0.00084445	1	2183.095	4.7	Larva	3L:-:21051798-21051742	exon=> In CDS Exon 13 of transcript AGAP011322-PA
JHU_Ag_15912	IGLVVGSSANK	AGAP011322-PA	-	46	0.000258325	2	1044.604	-0.99	Malpighian tubule	3L:-:21060850-21060818	exon=> In CDS Exon 2 of transcript AGAP011322-PA
JHU_Ag_17277	LQSCGTGYTLNAETGHCDDDDECALGR	AGAP011322-PA	C4(Carbamidomethyl), C17(Carbamidomethyl), C23(Carbamidomethyl)	102	1.16E-10	1	3015.223	2.75	Malpighian tubule	3L:-:21053912-21053998,21053487-21053731	exon=> In CDS Exon 9 and 8 of transcript AGAP011322-PA
JHU_Ag_25802	YSSYQPQLPPCGIGFER	AGAP011322-PA	C11(Carbamidomethyl)	40	0.001471811	1	1998.946	3.86	Malpighian tubule	3L:-:21053559-21053509	exon=> In CDS Exon 9 of transcript AGAP011322-PA
JHU_Ag_28756	SCIDIDECETGDVCR	AGAP011322-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	72	1.18E-07	2	1828.723	4.5	Malpighian tubule	3L:-:21052489-21052989,21052008-21052103	exon=> In CDS Exon 12 and 11 of transcript AGAP011322-PA
JHU_Ag_33546	SCIDIDECETGDVCR	AGAP011322-PA	C2(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	88	2.80E-09	2	1828.721	3.64	Ovary	3L:-:21052489-21052989,21052008-21052103	exon=> In CDS Exon 12 and 11 of transcript AGAP011322-PA
JHU_Ag_36057	NSAGACVDIDECAR	AGAP011322-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	87	5.54E-09	1	1537.639	1.4	Malpighian tubule	3L:-:21053508-21053756,21053078-21053196	exon=> In CDS Exon 10 and 9 of transcript AGAP011322-PA

JHU_Ag_48544	TNDAQLNLKK	AGAP011322-PA	-	64	5.30E-06	1	1144.636	3.21	Malpighian tubule	3L:-:21051524-21051495	exon=> In CDS Exon 14 of transcript AGAP011322-PA
JHU_Ag_49928	KVETCTPGFR	AGAP011322-PA	C5(Carbamidomethyl)	43	0.000671945	2	1194.598	4.03	Malpighian tubule	3L:-:21054859-21054830	exon=> In CDS Exon 6 of transcript AGAP011322-PA
JHU_Ag_53928	IYQCTAGQIAAR	AGAP011322-PA	C4(Carbamidomethyl)	76	4.03E-07	2	1351.683	2.81	Malpighian tubule	3L:-:21061039-21061004	exon=> In CDS Exon 1 of transcript AGAP011322-PA
JHU_Ag_90869	GRQDICTNIGGSYR	AGAP011322-PA	C6(Carbamidomethyl)	67	2.70E-06	2	1596.758	2.01	Malpighian tubule	3L:-:21052102-21052061	exon=> In CDS Exon 12 of transcript AGAP011322-PA
JHU_Ag_94267	NSAGACVDIDECAR	AGAP011322-PA	C6(Carbamidomethyl), C12(Carbamidomethyl)	47	5.95E-05	2	1537.636	-0.66	Ovary	3L:-:21053508-21053756,21053078-21053196	exon=> In CDS Exon 10 and 9 of transcript AGAP011322-PA
JHU_Ag_103138	LQSCGTGYTLNAETGHCDDDDECALGR	AGAP011322-PA	C4(Carbamidomethyl), C17(Carbamidomethyl), C23(Carbamidomethyl)	46	3.72E-05	1	3015.212	-1.01	Ovary	3L:-:21053912-21053998,21053487-21053731	exon=> In CDS Exon 9 and 8 of transcript AGAP011322-PA
JHU_Ag_104049	LFVYTGDTDAKPADILAK	AGAP011324-PA	-	44	0.000327076	1	1938.027	2.83	Salivary gland	3L:+:21086665-21086718	exon=> In CDS Exon 1 of transcript AGAP011324-PA
JHU_Ag_3815	LFSFFIFKK	AGAP011327-PA	-	29	0.0057604	1	1176.683	1.19	Ovary	3L:+:21113496-21113522	exon=> In CDS Exon 3 of transcript AGAP011327-PA
JHU_Ag_61012	FENVNEFVNNVKK	AGAP011327-PA	-	35	0.004831603	1	1580.814	4.56	Ovary	3L:+:21113418-21113456	exon=> In CDS Exon 3 of transcript AGAP011327-PA
JHU_Ag_74265	DTIIADFGCGEAK	AGAP011327-PA	C9(Carbamidomethyl)	39	0.001458418	2	1396.645	2.55	Ovary	3L:+:21113072-21113110	exon=> In CDS Exon 2 of transcript AGAP011327-PA
JHU_Ag_7661	VAKPVPTGAADDYLISPITGEK	AGAP011328-PA	-	47	0.000138099	1	2242.211	6.41	Ovary	3L:+:21115278-21115343	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_47648	FNFLSPGDPYHAYYQHK	AGAP011328-PA	-	43	0.000672546	3	2083.969	1.51	Head	3L:+:21114249-21114299	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_51107	VAQENVYAPGAAIEASLK	AGAP011328-PA	-	42	0.000739963	1	1830.963	1.84	Head	3L:+:21115431-21115484	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_64986	FNFLSPGDPYHAYYQHK	AGAP011328-PA	-	57	2.44E-05	1	2083.971	2.27	Ovary	3L:+:21114249-21114299	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_78877	SLPAPVAPPTHDK	AGAP011328-PA	-	39	0.00166972	1	1329.717	0.4	Ovary	3L:+:21115200-21115238	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_83775	SLPAPVAPPTHDK	AGAP011328-PA	-	39	0.00166972	1	1329.717	0.49	Head	3L:+:21115200-21115238	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_92824	TDSSSGAAGGQAGSAGGLPK	AGAP011328-PA	-	78	2.12E-07	2	1675.788	-0.45	Ovary	3L:+:21114324-21114383	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_102227	ANITLEAQIHQIHK	AGAP011328-PA	-	30	0.009764167	1	1615.885	-4.12	Ovary	3L:+:21115638-21115679	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_108257	NCQFDFLRPQHSLFQYFTK	AGAP011328-PA	C2(Carbamidomethyl)	57	3.34E-05	1	2476.197	4.12	Ovary	3L:+:21114603-21114659	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_110949	SRTEDNLIEESVFLQR	AGAP011328-PA	-	66	3.87E-06	1	1935.980	1.5	Ovary	3L:+:21116244-21116291	exon=> In CDS Exon 4 of transcript AGAP011328-PA
JHU_Ag_114529	VAQENVYAPGAAIEASLK	AGAP011328-PA	-	64	4.79E-06	2	1830.967	3.97	Ovary	3L:+:21115431-21115484	exon=> In CDS Exon 2 of transcript AGAP011328-PA
JHU_Ag_795	FGQLATVFQR	AGAP011329-PA	-	55	2.17E-05	2	1166.633	1.5	Visceras	3L:+:21119419-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_2234	QAVIFAGLPK	AGAP011329-PA	-	45	0.000230192	1	1043.624	-0.51	Ovary	3L:+:21118942-21118971	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_2265	GSTPYGGVSLIDGIVFDGLTDVYNK	AGAP011329-PA	-	113	7.71E-11	1	2587.295	0.98	Ovary	3L:+:21119122-21119196	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_3420	EDVQEVYIGNVCAAGLGQAPAR	AGAP011329-PA	C12(Carbamidomethyl)	103	8.37E-10	2	2317.126	0.77	Head	3L:+:21118876-21118941	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_4214	AFEAEITPVR	AGAP011329-PA	-	73	8.31E-07	1	1132.601	0.66	Malpighian tubule	3L:+:21119314-21119343	exon=> In CDS Exon 1 of transcript AGAP011329-PA

JHU_Ag_8991	QAGIGKEDVQEVYIGNVCAAGLGQAPAR	AGAP011329-PA	C18(Carbamidomethyl)	101	9.80E-10	1	2871.443	0.22	Salivary gland	3L:+:21118858-21118941	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_9833	VNVHGGAVSLGHPIGMSGAR	AGAP011329-PA	M16(Oxidation)	110	1.38E-10	1	1931.989	1.25	Head	3L:+:21119749-21119808	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_10542	QAGIGKEDVQEVYIGNVCAAGLGQAPAR	AGAP011329-PA	C18(Carbamidomethyl)	66	3.22E-06	1	2871.442	0.15	Visceras	3L:+:21118858-21118941	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_16240	LVTHLTHALKPGQVGCASICNGGGGASSILIEK	AGAP011329-PA	C16(Carbamidomethyl), C20(Carbamidomethyl), N21(Deamidated),"C16(Carbamidomethyl), C20(Carbamidomethyl)"	121	5.68E-12	1	3345.749	2.59	Malpighian tubule	3L:+:21119809-21119907	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_17082	IVGFADAETDPIDFPIAPALAVPK	AGAP011329-PA	-	125	1.77E-12	1	2467.315	1.28	Malpighian tubule	3L:+:21119563-21119634	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_17487	QAVIFAGLPK	AGAP011329-PA	-	57	9.65E-06	2	1043.626	1.36	Visceras	3L:+:21118942-21118971	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_20571	STICTTVNKVCSSGMK	AGAP011329-PA	C4(Carbamidomethyl), C11(Carbamidomethyl), M15(Oxidation),"C4(Carbamidomethyl), C11(Carbamidomethyl)"	97	2.52E-09	1	1772.839	2.61	Malpighian tubule	3L:+:21118972-21119019	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_23726	QAVIFAGLPK	AGAP011329-PA	-	58	8.18E-06	2	1043.627	2.18	Malpighian tubule	3L:+:21118942-21118971	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_25586	FGQLATVFQR	AGAP011329-PA	-	53	3.47E-05	2	1166.632	0.66	Salivary gland	3L:+:21119419-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_26438	TPIGSFQSSLSSLSATQLGAVAVESAVK	AGAP011329-PA	-	149	7.23E-15	1	2735.450	1.4	Salivary gland	3L:+:21118774-21118857	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_27113	AFEAEITPVR	AGAP011329-PA	-	43	0.000696236	2	1132.602	2.17	Ovary	3L:+:21119314-21119343	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_28068	VNVHGGAVSLGHPIGMSGAR	AGAP011329-PA	-	70	1.33E-06	1	1915.996	1.88	Malpighian tubule	3L:+:21119749-21119808	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_28580	TPIGSFQSSLSSLSATQLGAVAVESAVK	AGAP011329-PA	-	43	0.000280385	3	2735.453	2.33	Malpighian tubule	3L:+:21118774-21118857	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_31472	KDQDEFAVR	AGAP011329-PA	-	62	9.11E-06	2	1107.542	-0.51	Malpighian tubule	3L:+:21119251-21119277	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_33727	ENGTVTAGNASTLNDGASAVVLMTAEAAER	AGAP011329-PA	-	34	0.005679215	3	2920.406	3.7	Head	3L:+:21119449-21119538	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_34254	FGQLATVFQR	AGAP011329-PA	-	59	8.69E-06	1	1166.632	-0.07	Ovary	3L:+:21119419-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_40546	LVTHLTHALKPGQVGCASICNGGGGASSILIEK	AGAP011329-PA	C16(Carbamidomethyl), C20(Carbamidomethyl), N21(Deamidated),"C16(Carbamidomethyl), C20(Carbamidomethyl)"	73	2.68E-07	1	3345.756	4.49	Ovary	3L:+:21119809-21119907	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_41989	IVGFADAETDPIDFPIAPALAVPK	AGAP011329-PA	-	84	2.28E-08	1	2467.316	1.66	Head	3L:+:21119563-21119634	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_46531	VNVHGGAVSLGHPIGMSGAR	AGAP011329-PA	M16(Oxidation)	81	1.28E-07	1	1931.987	-0.12	Ovary	3L:+:21119749-21119808	exon=> In CDS Exon 1 of transcript AGAP011329-PA

JHU_Ag_51071	AFEAEITPVR	AGAP011329-PA	-	53	9.11E-05	2	1132.601	0.99	Visceras	3L:+:21119314-21119343	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_52551	LLQQTGVR	AGAP011329-PA	-	44	0.000461414	2	914.541	-0.37	Ovary	3L:+:21119635-21119658	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_52839	SAAAWAAK	AGAP011329-PA	-	53	0.000131876	1	775.410	-0.22	Malpighian tubule	3L:+:21119290-21119313	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_53549	IVGFADAETDPIDFPIAPALAVPK	AGAP011329-PA	-	48	9.42E-05	2	2467.315	1.09	Visceras	3L:+:21119563-21119634	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_57653	RGKPDVVVSEDEEYR	AGAP011329-PA	-	110	1.49E-10	1	1777.869	-1.29	Head	3L:+:21119356-21119400	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_57927	GSTPYGGVSLIDGIVFDGLTDVYNK	AGAP011329-PA	-	41	0.001106094	2	2587.299	2.56	Visceras	3L:+:21119122-21119196	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_58802	GKPDVVVSEDEEYRR	AGAP011329-PA	-	57	3.48E-05	1	1777.873	0.84	Malpighian tubule	3L:+:21119359-21119403	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_63595	FGQLATVFQR	AGAP011329-PA	-	74	2.37E-07	2	1166.635	2.65	Malpighian tubule	3L:+:21119419-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_67420	LVTHLTHALKPGQVGCASICNGGGGASSILIEKL	AGAP011329-PA	C16(Carbamidomethyl), C20(Carbamidomethyl)	96	1.37E-09	1	3458.830	1.41	Malpighian tubule	3L:+:21119809-21119910	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_67975	RHDVVIVAATR	AGAP011329-PA	-	42	0.000202059	2	1236.719	1.3	Visceras	3L:+:21118741-21118773	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_68218	QAGIGKEDVQEVYIGNVCAAGLGQAPAR	AGAP011329-PA	C18(Carbamidomethyl)	52	8.67E-05	1	2871.438	-1.44	Head	3L:+:21118858-21118941	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_71963	LLQQTGVR	AGAP011329-PA	-	48	0.000219326	1	914.540	-1.51	Head	3L:+:21119635-21119658	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_73593	QAVIFAGLPK	AGAP011329-PA	-	35	0.002495112	1	1043.625	0.03	Head	3L:+:21118942-21118971	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_77392	VNFDKFGQLATVFQR	AGAP011329-PA	-	51	8.96E-05	1	1769.938	2.64	Ovary	3L:+:21119404-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_78064	LVTHLTHALKPGQVGCASICNGGGGASSILIEK	AGAP011329-PA	C16(Carbamidomethyl), C20(Carbamidomethyl)	45	0.000189182	1	3345.751	2.98	Head	3L:+:21119809-21119907	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_78154	GKPDVVVSEDEEYR	AGAP011329-PA	-	57	3.35E-05	1	1621.774	2.23	Head	3L:+:21119359-21119400	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_78718	RHDVVIVAATR	AGAP011329-PA	-	82	2.06E-08	1	1236.719	1.4	Malpighian tubule	3L:+:21118741-21118773	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_78952	RHDVVIVAATR	AGAP011329-PA	-	72	2.16E-07	1	1236.718	0.61	Head	3L:+:21118741-21118773	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_79768	FGQLATVFQR	AGAP011329-PA	-	79	9.55E-08	2	1166.631	-0.59	Head	3L:+:21119419-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_80819	RGSTPYGGVSLIDGIVFDGLTDVYNK	AGAP011329-PA	-	86	2.23E-08	1	2743.406	4.31	Ovary	3L:+:21119119-21119196	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_82085	RHDVVIVAATR	AGAP011329-PA	-	81	2.67E-08	1	1236.722	3.77	Larva	3L:+:21118741-21118773	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_84102	IVGFADAETDPIDFPIAPALAVPK	AGAP011329-PA	-	37	0.000904058	1	2467.325	5.15	Salivary gland	3L:+:21119563-21119634	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_84216	TPIGSFQSSLSSLSATQLGAVAVESAVK	AGAP011329-PA	-	105	1.83E-10	1	2735.457	4.07	Head	3L:+:21118774-21118857	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_85061	FGQLATVFQR	AGAP011329-PA	-	64	3.50E-06	2	1166.629	-2.16	Male reproductive organs	3L:+:21119419-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_87491	STICTTVNK	AGAP011329-PA	C4(Carbamidomethyl)	41	0.000915806	2	1023.513	-0.83	Head	3L:+:21118972-21118998	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_88703	GSTPYGGVSLIDGIVFDGLTDVYNK	AGAP011329-PA	-	74	5.77E-07	2	2587.299	2.28	Malpighian tubule	3L:+:21119122-21119196	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_93009	HDVVIVAATR	AGAP011329-PA	-	52	3.50E-05	1	1080.616	0.17	Malpighian tubule	3L:+:21118744-21118773	exon=> In CDS Exon 1 of transcript AGAP011329-PA

JHU_Ag_94894	VNFDKFGQLATVFQR	AGAP011329-PA	-	89	1.55E-08	1	1769.939	3.26	Malpighian tubule	3L:+:21119404-21119448	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_103076	QAGIGKEDVQEVYIGNVCAAGLGQAPAR	AGAP011329-PA	C18(Carbamidomethyl)	146	2.80E-14	1	2871.446	1.49	Malpighian tubule	3L:+:21118858-21118941	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_104994	KDQDEFAVR	AGAP011329-PA	-	47	0.000309229	2	1107.543	0.26	Ovary	3L:+:21119251-21119277	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_105551	IVGFADAETDPIDFPIAPALAVPK	AGAP011329-PA	-	81	4.70E-08	1	2467.315	1.19	Ovary	3L:+:21119563-21119634	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_110998	RGSTPYGGVSLIDGIVFDGLTDVYNK	AGAP011329-PA	-	35	0.003267919	2	2743.411	6.14	Malpighian tubule	3L:+:21119119-21119196	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_111026	EDVQEVYIGNVCAAGLGQAPAR	AGAP011329-PA	C12(Carbamidomethyl)	52	8.93E-05	2	2317.130	2.67	Salivary gland	3L:+:21118876-21118941	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_113872	RHDVVIVAATR	AGAP011329-PA	-	59	3.27E-06	2	1236.725	6.33	Ovary	3L:+:21118741-21118773	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_117100	LLQQTGVR	AGAP011329-PA	-	49	0.000125297	1	914.544	2.83	Malpighian tubule	3L:+:21119635-21119658	exon=> In CDS Exon 1 of transcript AGAP011329-PA
JHU_Ag_17888	QFYTSSQWKQHQR	AGAP011332-PA	Q12(Deamidated)	35	0.004194947	1	1724.839	14.32	Midgut	3L:+:21150135-21150173	exon=> In CDS Exon 2 of transcript AGAP011332-PA
JHU_Ag_89	YDKDLDAALTQEQR	AGAP011334-PA	-	57	2.97E-05	2	1665.812	2.7	Salivary gland	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_1584	SKNTEQMLK	AGAP011334-PA	M7(Oxidation)	42	0.000909586	1	1094.553	1.33	Ovary	3L:-:21305718-21305692	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_2160	LPNALLNFFFK	AGAP011334-PA	-	77	9.12E-08	1	1323.747	0.45	Male reproductive organs	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_3723	YDKDLDAALTQEQR	AGAP011334-PA	-	126	4.01E-12	1	1665.808	-0.08	Male reproductive organs	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_5062	LPNALLNFFFK	AGAP011334-PA	-	64	1.98E-06	1	1323.749	2.57	Midgut	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_9296	LPNALLNFFFK	AGAP011334-PA	-	87	1.06E-08	1	1323.750	3.31	Head	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_12137	AQGLGVHKPEEIEEFGRK	AGAP011334-PA	-	44	0.000380313	1	2024.060	1.9	Malpighian tubule	3L:-:21304992-21304939	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_12573	YDKDLDAALTQEQR	AGAP011334-PA	-	114	6.50E-11	1	1665.815	4.24	Larva	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_13886	AQGLGVHKPEEIEEFGR	AGAP011334-PA	Q2(Deamidated)	125	4.78E-12	1	1895.960	-0.74	Head	3L:-:21304992-21304942	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_15114	YDKDLDAALTQEQR	AGAP011334-PA	-	86	3.62E-08	1	1665.817	5.42	Malpighian tubule	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_19010	LDLNAHIPKPEPETK	AGAP011334-PA	-	73	4.61E-07	1	1701.922	2.94	Larva	3L:-:21303929-21304094,21303628-21303793	exon=> In CDS Exon 4 and 3 of transcript AGAP011334-PA
JHU_Ag_19078	INLQHALGSR	AGAP011334-PA	-	40	0.000828384	2	1108.626	3.66	Malpighian tubule	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_20692	INLQHALGSR	AGAP011334-PA	-	43	0.000400695	2	1108.623	0.36	Visceras	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_24093	KGQLPFVEVNGEEIADSTIIMQELATR	AGAP011334-PA	N10(Deamidated), M21(Oxidation),M21(Oxidation)	60	1.15E-05	3	3005.536	7.4	Malpighian tubule	3L:-:21305907-21305827	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_24836	YDKDLDAALTQEQR	AGAP011334-PA	-	113	8.60E-11	1	1665.805	-1.62	Pupa	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_25997	LPNALLNFFFK	AGAP011334-PA	-	69	5.67E-07	1	1323.753	4.97	Larva	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_26501	LPNALLNFFFK	AGAP011334-PA	-	91	4.37E-09	1	1323.746	-0.19	Ovary	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_28099	INLQHALGSR	AGAP011334-PA	-	59	8.50E-06	2	1108.626	3.66	Larva	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA

JHU_Ag_30843	KGQLPFVEVNGEEIADSTIIMQELATR	AGAP011334-PA	M21(Oxidation)	35	0.003395786	3	3004.538	2.89	Ovary	3L:-:21305907-21305827	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_33096	AQGLGVHKPEEIEEFGR	AGAP011334-PA	-	94	5.91E-09	1	1895.959	-1.09	Ovary	3L:-:21304992-21304942	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_34253	INLQHALGSR	AGAP011334-PA	-	70	7.99E-07	2	1108.621	-0.97	Male reproductive organs	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_36684	EFMQENCPNLVGHVSR	AGAP011334-PA	M3(Oxidation), C7(Carbamidomethyl)	99	1.76E-09	1	1932.877	3.98	Larva	3L:-:21304022-21303975	exon=> In CDS Exon 3 of transcript AGAP011334-PA
JHU_Ag_40917	SKNTEQMLK	AGAP011334-PA	M7(Oxidation)	46	0.000341615	1	1094.552	0.55	Male reproductive organs	3L:-:21305718-21305692	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_40937	INLQHALGSR	AGAP011334-PA	-	53	4.15E-05	1	1108.622	-0.3	Pupa	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_43794	LDLNAHIPKPEPETK	AGAP011334-PA	-	83	4.81E-08	1	1701.921	2.48	Ovary	3L:-:21303929-21304094,21303628-21303793	exon=> In CDS Exon 4 and 3 of transcript AGAP011334-PA
JHU_Ag_44084	DLDAALTQEQR	AGAP011334-PA	-	70	1.26E-06	2	1259.625	1.59	Malpighian tubule	3L:-:21305817-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_44362	INLQHALGSR	AGAP011334-PA	-	40	0.000706014	1	1108.623	0.36	Salivary gland	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_45876	AQGLGVHKPEEIEEFGR	AGAP011334-PA	-	108	2.48E-10	1	1895.963	0.99	Visceras	3L:-:21304992-21304942	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_48780	YDKDLDAALTQEQR	AGAP011334-PA	-	124	5.61E-12	1	1665.813	2.85	Ovary	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_49172	EFMQENCPNLVGHVSR	AGAP011334-PA	M3(Oxidation), C7(Carbamidomethyl)	35	0.003986089	1	1932.870	0.57	Ovary	3L:-:21304022-21303975	exon=> In CDS Exon 3 of transcript AGAP011334-PA
JHU_Ag_51873	AQGLGVHKPEEIEEFGR	AGAP011334-PA	-	57	3.01E-05	1	1895.967	3.02	Male reproductive organs	3L:-:21304992-21304942	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_53948	EFMQENCPNLVGHVSR	AGAP011334-PA	M3(Oxidation), C7(Carbamidomethyl)	46	0.000310006	1	1932.875	3.22	Head	3L:-:21304022-21303975	exon=> In CDS Exon 3 of transcript AGAP011334-PA
JHU_Ag_54292	EFMQENCPNLVGHVSR	AGAP011334-PA	M3(Oxidation), C7(Carbamidomethyl)	77	2.41E-07	1	1932.866	-1.76	Male reproductive organs	3L:-:21304022-21303975	exon=> In CDS Exon 3 of transcript AGAP011334-PA
JHU_Ag_54464	YDKDLDAALTQEQR	AGAP011334-PA	-	118	2.19E-11	1	1665.809	0.43	Visceras	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_60325	LDLNAHIPKPEPETK	AGAP011334-PA	N4(Deamidated)	85	3.39E-08	1	1701.921	2.41	Head	3L:-:21303929-21304094,21303628-21303793	exon=> In CDS Exon 4 and 3 of transcript AGAP011334-PA
JHU_Ag_65629	DLDAALTQEQR	AGAP011334-PA	-	78	2.19E-07	2	1259.624	0.91	Midgut	3L:-:21305817-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_69222	LDLNAHIPKPEPETK	AGAP011334-PA	-	43	0.000530037	1	1701.916	-0.61	Visceras	3L:-:21303929-21304094,21303628-21303793	exon=> In CDS Exon 4 and 3 of transcript AGAP011334-PA
JHU_Ag_71179	GQLPFVEVNGEEIADSTIIMQELATR	AGAP011334-PA	M20(Oxidation)	41	0.000983082	3	2876.446	3.74	Ovary	3L:-:21305904-21305827	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_79929	KEEPEK	AGAP011334-PA	-	47	0.000113352	1	759.387	-1.67	Head	3L:-:21303690-21303673	exon=> In CDS Exon 4 of transcript AGAP011334-PA
JHU_Ag_80620	YGLKEFMQENCPNLVGHVSR	AGAP011334-PA	M7(Oxidation), C11(Carbamidomethyl)	43	0.000713063	1	2394.133	-0.12	Ovary	3L:-:21304034-21303975	exon=> In CDS Exon 3 of transcript AGAP011334-PA
JHU_Ag_80667	LPNALLNFFFK	AGAP011334-PA	-	87	1.04E-08	1	1323.751	3.4	Malpighian tubule	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_81198	LPNALLNFFFK	AGAP011334-PA	-	65	1.52E-06	2	1323.749	2.11	Pupa	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_81911	INLQHALGSR	AGAP011334-PA	Q4(Deamidated)	71	8.38E-07	2	1109.604	-2.18	Head	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_84370	LDLNAHIPKPEPETK	AGAP011334-PA	-	41	0.000768084	1	1701.917	-0.29	Pupa	3L:-:21303929-21304094,21303628-21303793	exon=> In CDS Exon 4 and 3 of transcript AGAP011334-PA

JHU_Ag_85453	AQGLGVHKPEEIEEFGR	AGAP011334-PA	-	64	5.73E-06	1	1895.969	4.28	Malpighian tubule	3L:-:21304992-21304942	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_85691	LDLNAHIPKPEPETK	AGAP011334-PA	-	83	4.73E-08	1	1701.914	-1.97	Male reproductive organs	3L:-:21303929-21304094,21303628-21303793	exon=> In CDS Exon 4 and 3 of transcript AGAP011334-PA
JHU_Ag_93204	AQGLGVHKPEEIEEFGRK	AGAP011334-PA	-	79	1.36E-07	1	2024.055	-0.64	Male reproductive organs	3L:-:21304992-21304939	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_94715	CFPDWEDICTK	AGAP011334-PA	C1(Carbamidomethyl), C9(Carbamidomethyl)	35	0.000809554	2	1470.606	1.79	Head	3L:-:21303962-21303930	exon=> In CDS Exon 3 of transcript AGAP011334-PA
JHU_Ag_95291	LPNALLNFFFK	AGAP011334-PA	-	66	1.22E-06	2	1323.748	1.84	Salivary gland	3L:-:21305652-21305620	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_99454	INLQHALGSR	AGAP011334-PA	-	76	1.71E-07	1	1108.622	-0.19	Ovary	3L:-:21305682-21305653	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_106465	AQGLGVHKPEEIEEFGRK	AGAP011334-PA	Q2(Deamidated)	112	6.95E-11	1	2024.048	-4.16	Head	3L:-:21304992-21304939	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_110345	YDKDLDAALTQEQR	AGAP011334-PA	-	107	2.92E-10	1	1665.811	2.12	Head	3L:-:21305826-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_110764	DLDAALTQEQR	AGAP011334-PA	Q10(Deamidated),Q8(Deamidated)	102	8.63E-10	1	1259.623	-0.06	Head	3L:-:21305817-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_110855	DLDAALTQEQR	AGAP011334-PA	-	68	2.72E-06	2	1259.624	0.81	Ovary	3L:-:21305817-21305785	exon=> In CDS Exon 1 of transcript AGAP011334-PA
JHU_Ag_112726	AQGLGVHKPEEIEEFGRK	AGAP011334-PA	-	99	1.38E-09	1	2024.057	0.45	Ovary	3L:-:21304992-21304939	exon=> In CDS Exon 2 of transcript AGAP011334-PA
JHU_Ag_16043	LLEIIR	AGAP011336-PA	-	35	0.000750624	1	756.497	-0.62	Midgut	3L:-:21362481-21362464	exon=> In CDS Exon 2 of transcript AGAP011336-PA
JHU_Ag_31880	LLEIIR	AGAP011336-PA	-	47	0.000112536	2	756.499	1.06	Visceras	3L:-:21362481-21362464	exon=> In CDS Exon 2 of transcript AGAP011336-PA
JHU_Ag_46540	LLEIIR	AGAP011336-PA	-	47	4.78E-05	2	756.497	-1.68	Male reproductive organs	3L:-:21362481-21362464	exon=> In CDS Exon 2 of transcript AGAP011336-PA
JHU_Ag_59098	LLEIIR	AGAP011336-PA	-	43	0.000256031	1	756.500	2.43	Malpighian tubule	3L:-:21362481-21362464	exon=> In CDS Exon 2 of transcript AGAP011336-PA
JHU_Ag_76223	LLEIIR	AGAP011336-PA	-	32	0.003142628	2	756.498	0.66	Pupa	3L:-:21362481-21362464	exon=> In CDS Exon 2 of transcript AGAP011336-PA
JHU_Ag_94564	LLEIIR	AGAP011336-PA	-	43	0.000106518	2	756.497	-1.04	Head	3L:-:21362481-21362464	exon=> In CDS Exon 2 of transcript AGAP011336-PA
JHU_Ag_110136	LLEIIR	AGAP011336-PA	-	43	0.000254855	1	756.498	0.25	Ovary	3L:-:21362481-21362464	exon=> In CDS Exon 2 of transcript AGAP011336-PA
JHU_Ag_5151	ILSLLTDIK	AGAP011337-PA	-	54	4.46E-06	2	1015.644	3.78	Salivary gland	3L:+:21377457-21377483	exon=> In CDS Exon 5 of transcript AGAP011337-PA
JHU_Ag_6771	AVVANGDSEQAIAQSHPVDSAQLQQEIDTLR	AGAP011337-PA	-	151	8.94E-15	1	3290.644	5.81	Head	3L:+:21376683-21376775	exon=> In CDS Exon 4 of transcript AGAP011337-PA
JHU_Ag_10679	DLQLQQLADDREMMK	AGAP011337-PA	M13(Oxidation), M14(Oxidation)	57	2.65E-05	1	1865.877	2.25	Malpighian tubule	3L:+:21377100-21377144	exon=> In CDS Exon 4 of transcript AGAP011337-PA
JHU_Ag_18296	IDQLTTDDGQDYNAK	AGAP011337-PA	-	84	4.16E-08	1	1696.768	1.4	Malpighian tubule	3L:+:21375505-21375549	exon=> In CDS Exon 2 of transcript AGAP011337-PA
JHU_Ag_22485	IDQLTTDDGQDYNAK	AGAP011337-PA	-	66	3.05E-06	2	1696.769	1.76	Head	3L:+:21375505-21375549	exon=> In CDS Exon 2 of transcript AGAP011337-PA
JHU_Ag_44187	ANYGNLETELGAIR	AGAP011337-PA	-	80	1.45E-07	1	1520.775	3.06	Salivary gland	3L:+:21376425-21376466	exon=> In CDS Exon 4 of transcript AGAP011337-PA
JHU_Ag_48246	LTVEMGPLQEQLQMQIQAVGVLVGEK	AGAP011337-PA	M5(Oxidation), M14(Oxidation)	64	2.72E-06	1	2870.504	1.38	Malpighian tubule	3L:+:21375073-21375150	exon=> In CDS Exon 2 of transcript AGAP011337-PA
JHU_Ag_58085	LHDELQEDLAELR	AGAP011337-PA	-	61	1.18E-05	2	1580.790	-0.85	Head	3L:+:21375376-21375414	exon=> In CDS Exon 2 of transcript AGAP011337-PA
JHU_Ag_60736	IESLTQQNLIK	AGAP011337-PA	-	39	0.001015835	1	1286.731	-0.66	Malpighian tubule	3L:+:21375550-21375582	exon=> In CDS Exon 2 of transcript AGAP011337-PA

JHU_Ag_65424	LHDELQEDLAELR	AGAP011337-PA	-	89	1.67E-08	1	1580.798	3.78	Midgut	3L:+:21375376-21375414	exon=> In CDS Exon 2 of transcript AGAP011337-PA
JHU_Ag_77165	LEETIASQVGEYQR	AGAP011337-PA	-	114	6.74E-11	1	1622.805	1.92	Salivary gland	3L:+:21375313-21375354	exon=> In CDS Exon 2 of transcript AGAP011337-PA
JHU_Ag_98575	LEETIASQVGEYQR	AGAP011337-PA	-	35	0.005716864	2	1622.808	3.8	Ovary	3L:+:21375313-21375354	exon=> In CDS Exon 2 of transcript AGAP011337-PA
JHU_Ag_99070	TMLEVAELTEEK	AGAP011337-PA	M2(Oxidation)	54	5.74E-05	2	1408.690	1.3	Salivary gland	3L:+:21376950-21376985	exon=> In CDS Exon 4 of transcript AGAP011337-PA
JHU_Ag_115445	ILSLLTDIK	AGAP011337-PA	-	55	5.61E-06	2	1015.640	0.54	Malpighian tubule	3L:+:21377457-21377483	exon=> In CDS Exon 5 of transcript AGAP011337-PA
JHU_Ag_115451	DLQLQQLADDR	AGAP011337-PA	-	67	2.71E-06	2	1314.671	4.33	Salivary gland	3L:+:21377100-21377132	exon=> In CDS Exon 4 of transcript AGAP011337-PA
JHU_Ag_5523	FGNQADHFLGSFGFAK	AGAP011338-PA	-	51	0.000108176	2	1742.832	2.13	Pupa	3L:+:21379495-21379542	exon=> In CDS Exon 2 of transcript AGAP011338-PA
JHU_Ag_21711	HPDGNPHLDLAILGR	AGAP011338-PA	-	47	0.000188474	1	1624.857	0.95	Pupa	3L:+:21380386-21380430	exon=> In CDS Exon 2 of transcript AGAP011338-PA
JHU_Ag_68869	HPDGNPHLDLAILGR	AGAP011338-PA	-	74	4.44E-07	1	1624.856	0.04	Ovary	3L:+:21380386-21380430	exon=> In CDS Exon 2 of transcript AGAP011338-PA
JHU_Ag_83604	FGNQADHFLGSFGFAK	AGAP011338-PA	-	63	6.17E-06	1	1742.829	0.09	Ovary	3L:+:21379495-21379542	exon=> In CDS Exon 2 of transcript AGAP011338-PA
JHU_Ag_94227	GAFIGVHLR	AGAP011338-PA	-	37	0.000631704	2	969.563	-0.12	Head	3L:+:21380074-21380100	exon=> In CDS Exon 2 of transcript AGAP011338-PA
JHU_Ag_6974	NTISPTPAVVAISAYR	AGAP011340-PA	-	42	0.000445817	2	1659.912	3.03	Ovary	3L:+:21448417-21448464	exon=> In CDS Exon 5 of transcript AGAP011340-PA
JHU_Ag_14712	TPILASYIIELK	AGAP011340-PA	-	61	1.48E-06	1	1360.814	3.74	Ovary	3L:+:21446426-21446461	exon=> In CDS Exon 2 of transcript AGAP011340-PA
JHU_Ag_34066	KIEDVYDLSR	AGAP011340-PA	-	49	0.0001873	2	1237.645	1.91	Ovary	3L:+:21448489-21448518	exon=> In CDS Exon 5 of transcript AGAP011340-PA
JHU_Ag_60003	LLLYDIIEVVPEPGKPLTK	AGAP011340-PA	-	60	5.58E-07	1	2137.260	3.55	Ovary	3L:+:21449875-21449931	exon=> In CDS Exon 6 of transcript AGAP011340-PA
JHU_Ag_66440	TPILASYIIELK	AGAP011340-PA	-	60	2.16E-06	2	1360.813	3.02	Midgut	3L:+:21446426-21446461	exon=> In CDS Exon 2 of transcript AGAP011340-PA
JHU_Ag_88846	DALLISFPDAK	AGAP011340-PA	-	40	0.001551424	2	1189.647	0.74	Ovary	3L:+:21446126-21446158	exon=> In CDS Exon 2 of transcript AGAP011340-PA
JHU_Ag_27768	SITTAWDETQER	AGAP011342-PA	-	42	0.000814477	2	1436.660	-3.61	Midgut	3L:+:21510911-21510946	exon=> In CDS Exon 3 of transcript AGAP011342-PA
JHU_Ag_40204	SITTAWDETQER	AGAP011342-PA	-	63	7.41E-06	1	1436.666	0.55	Salivary gland	3L:+:21510911-21510946	exon=> In CDS Exon 3 of transcript AGAP011342-PA
JHU_Ag_90585	SITTAWDETQER	AGAP011342-PA	-	50	0.000132522	2	1436.667	1.49	Head	3L:+:21510911-21510946	exon=> In CDS Exon 3 of transcript AGAP011342-PA
JHU_Ag_95354	VAFPFSLK	AGAP011345-PA	-	30	0.004866269	1	908.524	-0.5	Midgut	3L:+:21519515-21519538	exon=> In CDS Exon 2 of transcript AGAP011345-PA
JHU_Ag_103400	IAALR	AGAP011345-PA	-	32	0.002037746	1	543.363	2.9	Malpighian tubule	3L:+:21519223-21519237	exon=> In CDS Exon 1 of transcript AGAP011345-PA
JHU_Ag_13486	NTGLVSVAQEPLSLQDR	AGAP011346-PA	-	70	1.13E-06	1	1826.966	2.73	Pupa	3L:-:21520730-21520680	exon=> In CDS Exon 2 of transcript AGAP011346-PA
JHU_Ag_17345	NTGLVSVAQEPLSLQDR	AGAP011346-PA	-	67	1.88E-06	2	1826.965	2.53	Salivary gland	3L:-:21520730-21520680	exon=> In CDS Exon 2 of transcript AGAP011346-PA
JHU_Ag_20690	HTEPAPIPDTASFIQK	AGAP011346-PA	-	63	7.04E-06	1	1751.893	-1.78	Midgut	3L:-:21520346-21520299	exon=> In CDS Exon 3 of transcript AGAP011346-PA
JHU_Ag_35127	NTGLVSVAQEPLSLQDR	AGAP011346-PA	-	40	0.000952296	1	1826.979	9.75	Larva	3L:-:21520730-21520680	exon=> In CDS Exon 2 of transcript AGAP011346-PA
JHU_Ag_61736	LEAHVTDSEGVTK	AGAP011346-PA	-	89	1.57E-08	1	1385.691	-0.04	Head	3L:-:21520637-21520599	exon=> In CDS Exon 2 of transcript AGAP011346-PA
JHU_Ag_71306	NTGLVSVAQEPLSLQDR	AGAP011346-PA	-	111	8.42E-11	1	1826.959	-1.07	Midgut	3L:-:21520730-21520680	exon=> In CDS Exon 2 of transcript AGAP011346-PA

JHU_Ag_5950	LDDSVGAVYESLR	AGAP011347-PA	-	96	3.85E-09	1	1423.709	1.58	Malpighian tubule	3L:-:21524690-21524652	exon=> In CDS Exon 2 of transcript AGAP011347-PA
JHU_Ag_9695	SGQPMLLVMNHLAPHAGNDDDPLQAPQETIDR	AGAP011347-PA	-	77	2.53E-07	1	3480.674	3.04	Salivary gland	3L:-:21524840-21524745	exon=> In CDS Exon 2 of transcript AGAP011347-PA
JHU_Ag_21356	AASLQDEGDDSALPPPTHSLAK	AGAP011347-PA	-	122	1.07E-11	1	2220.089	4.94	Malpighian tubule	3L:-:21523758-21523693	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_23344	GMHSNTGSNYPFR	AGAP011347-PA	M2(Oxidation)	79	5.45E-08	1	1483.640	1.33	Salivary gland	3L:-:21524588-21524550	exon=> In CDS Exon 2 of transcript AGAP011347-PA
JHU_Ag_23399	MNSGTFEGYDMR	AGAP011347-PA	-	87	3.33E-09	1	1407.565	-1.66	Salivary gland	3L:-:21527113-21527626,21524547-21524934	exon=> In CDS Exon 2 and 1 of transcript AGAP011347-PA
JHU_Ag_23632	FGGVWNWWR	AGAP011347-PA	-	69	2.17E-06	1	1207.585	4.25	Salivary gland	3L:-:21523800-21523774	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_32625	AASLQDEGDDSALPPPTHSLAK	AGAP011347-PA	-	109	2.18E-10	1	2220.088	4.61	Salivary gland	3L:-:21523758-21523693	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_33884	LDDSVGAVYESLR	AGAP011347-PA	-	98	2.04E-09	1	1423.710	2.53	Salivary gland	3L:-:21524690-21524652	exon=> In CDS Exon 2 of transcript AGAP011347-PA
JHU_Ag_34882	TAALIWSPLLK	AGAP011347-PA	-	64	1.36E-06	1	1212.740	4.15	Salivary gland	3L:-:21524442-21524410	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_42176	TAALIWSPLLKDTQR	AGAP011347-PA	-	47	8.68E-05	2	1712.981	6.45	Malpighian tubule	3L:-:21524442-21524398	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_43294	TAALIWSPLLK	AGAP011347-PA	-	63	1.51E-06	2	1212.737	1.73	Malpighian tubule	3L:-:21524442-21524410	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_50765	GFDTHIGYLGPYVDYWSYVSK	AGAP011347-PA	-	88	2.46E-08	1	2467.173	5.18	Salivary gland	3L:-:21527176-21527114	exon=> In CDS Exon 1 of transcript AGAP011347-PA
JHU_Ag_52587	LDDSVGAVYESLR	AGAP011347-PA	-	66	4.12E-06	2	1423.706	-0.3	Pupa	3L:-:21524690-21524652	exon=> In CDS Exon 2 of transcript AGAP011347-PA
JHU_Ag_56430	NRPHDPEADPSK	AGAP011347-PA	-	44	0.000506214	3	1362.639	-0.66	Salivary gland	3L:-:21523836-21523801	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_56846	LISYLR	AGAP011347-PA	-	34	0.000626746	2	764.468	1.38	Salivary gland	3L:-:21524043-21524026	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_58741	WHLGFFTEHYIPTNR	AGAP011347-PA	-	52	0.000116698	1	1917.943	1.79	Malpighian tubule	3L:-:21527221-21527177	exon=> In CDS Exon 1 of transcript AGAP011347-PA
JHU_Ag_72061	GMHSNTGSNYPFRGQK	AGAP011347-PA	-	52	9.63E-05	1	1780.821	1.62	Malpighian tubule	3L:-:21524588-21524960,21523510-21524470	exon=> In CDS Exon 3 and 2 of transcript AGAP011347-PA
JHU_Ag_72818	HPINVGMQHYVIDSDEPWGLGLDQR	AGAP011347-PA	M7(Oxidation)	110	1.37E-10	1	2892.370	-1.32	Larva	3L:-:21527350-21527276	exon=> In CDS Exon 1 of transcript AGAP011347-PA
JHU_Ag_77499	GFDTHIGYLGPYVDYWSYVSK	AGAP011347-PA	-	119	2.29E-11	1	2467.172	4.81	Larva	3L:-:21527176-21527114	exon=> In CDS Exon 1 of transcript AGAP011347-PA
JHU_Ag_90300	FGGVWNWWR	AGAP011347-PA	-	59	2.25E-05	1	1207.584	3.75	Malpighian tubule	3L:-:21523800-21523774	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_96521	TAALIWSPLLK	AGAP011347-PA	-	59	4.41E-06	2	1212.739	3.44	Larva	3L:-:21524442-21524410	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_100209	MNSGTFEGYDMR	AGAP011347-PA	M1(Oxidation), M11(Oxidation)	58	1.43E-06	2	1439.561	3.07	Larva	3L:-:21527113-21527626,21524547-21524934	exon=> In CDS Exon 2 and 1 of transcript AGAP011347-PA
JHU_Ag_103448	LDDSVGAVYESLR	AGAP011347-PA	-	81	1.25E-07	2	1423.713	4.33	Larva	3L:-:21524690-21524652	exon=> In CDS Exon 2 of transcript AGAP011347-PA
JHU_Ag_103768	TAALIWSPLLK	AGAP011347-PA	-	52	1.85E-05	2	1212.740	4.25	Pupa	3L:-:21524442-21524410	exon=> In CDS Exon 3 of transcript AGAP011347-PA
JHU_Ag_117625	GMHSNTGSNYPFR	AGAP011347-PA	M2(Oxidation)	59	6.93E-06	2	1483.642	2.15	Larva	3L:-:21524588-21524550	exon=> In CDS Exon 2 of transcript AGAP011347-PA
JHU_Ag_14747	LFFVTNNSTK	AGAP011350-PA	-	45	0.000337585	2	1170.616	0.12	Midgut	3L:-:21615730-21615701	exon=> In CDS Exon 1 of transcript AGAP011350-PA

JHU_Ag_25656	TVYTIGSTGITK	AGAP011350-PA	-	41	0.000702189	2	1240.678	-0.58	Midgut	3L:-:21615509-21615474	exon=> In CDS Exon 2 of transcript AGAP011350-PA
JHU_Ag_74114	YSGQNLGSLSPAEIK	AGAP011350-PA	-	73	7.46E-07	1	1563.808	4.18	Salivary gland	3L:-:21615895-21615851	exon=> In CDS Exon 1 of transcript AGAP011350-PA
JHU_Ag_87940	LGFNVTIDNIISTAYLAAQYLK	AGAP011350-PA	-	74	2.22E-07	1	2428.317	1.72	Midgut	3L:-:21615667-21615952,21614910-21615528	exon=> In CDS Exon 2 and 1 of transcript AGAP011350-PA
JHU_Ag_98870	YSGQNLGSLSPAEIK	AGAP011350-PA	-	72	1.07E-06	2	1563.805	2.54	Pupa	3L:-:21615895-21615851	exon=> In CDS Exon 1 of transcript AGAP011350-PA
JHU_Ag_98944	NCDFQTLLVETGIHK	AGAP011350-PA	C2(Carbamidomethyl)	119	2.28E-11	2	1774.888	4.68	Midgut	3L:-:21615059-21615015	exon=> In CDS Exon 2 of transcript AGAP011350-PA
JHU_Ag_108431	YSGQNLGSLSPAEIK	AGAP011350-PA	-	57	3.10E-05	2	1563.806	2.78	Head	3L:-:21615895-21615851	exon=> In CDS Exon 1 of transcript AGAP011350-PA
JHU_Ag_111643	TVYTIGSTGITK	AGAP011350-PA	-	59	8.91E-06	2	1240.679	0.7	Salivary gland	3L:-:21615509-21615474	exon=> In CDS Exon 2 of transcript AGAP011350-PA
JHU_Ag_1349	GYNFATCMEGALK	AGAP011352-PA	C7(Carbamidomethyl), M8(Oxidation)	38	0.001197001	1	1477.647	1.07	Salivary gland	3L:+:21660755-21660793	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_4025	EVLDLLLNGLK	AGAP011352-PA	-	62	2.57E-06	2	1226.738	1.98	Visceras	3L:+:21659183-21659215	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_8680	EGRPIIICEEGDRETMAFASK	AGAP011352-PA	C8(Carbamidomethyl), M16(Oxidation),C8(Carbamidomethyl)	49	0.000232657	1	2409.164	4.23	Malpighian tubule	3L:+:21660956-21661018	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_9904	VIYLEDDDVAAVK	AGAP011352-PA	-	42	0.000896058	2	1449.750	2.12	Pupa	3L:+:21659936-21659974	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_11427	EVLDLLLNGLK	AGAP011352-PA	N8(Deamidated)	56	8.17E-06	2	1226.740	3.97	Salivary gland	3L:+:21659183-21659215	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_12443	EIFEQPESVINTMR	AGAP011352-PA	M13(Oxidation)	46	0.000405415	2	1708.828	4.04	Malpighian tubule	3L:+:21660101-21660142	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_15934	EIFEQPESVINTMR	AGAP011352-PA	M13(Oxidation)	87	3.31E-08	2	1708.823	0.97	Salivary gland	3L:+:21660101-21660142	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_22009	EVLDLLLNGLK	AGAP011352-PA	-	45	9.78E-05	2	1226.741	4.27	Pupa	3L:+:21659183-21659215	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_25300	REVLDLLLNGLK	AGAP011352-PA	-	41	0.000112288	2	1382.841	3.4	Midgut	3L:+:21659180-21659215	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_29827	RLEIIEGLR	AGAP011352-PA	-	42	0.000269285	2	1098.662	-1.02	Midgut	3L:+:21660626-21660652	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_32833	QVLMLDQR	AGAP011352-PA	M4(Oxidation)	49	0.000258132	2	1018.535	-0.09	Salivary gland	3L:+:21660674-21660697	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_35013	VLEIAQDLYQQK	AGAP011352-PA	-	70	8.47E-07	2	1447.788	6.19	Malpighian tubule	3L:+:21660698-21660733	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_36261	TSLATNHVPILYGK	AGAP011352-PA	-	45	0.000298392	1	1513.836	-1.03	Salivary gland	3L:+:21659753-21659794	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_38134	VLEIAQDLYQQK	AGAP011352-PA	-	93	5.15E-09	2	1447.782	1.72	Salivary gland	3L:+:21660698-21660733	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_46211	EVLDLLLNGLK	AGAP011352-PA	N8(Deamidated)	62	2.77E-06	2	1226.737	0.99	Midgut	3L:+:21659183-21659215	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_47562	GALIVGITNTVGSSICR	AGAP011352-PA	C16(Carbamidomethyl)	118	1.63E-11	2	1717.929	1.53	Salivary gland	3L:+:21660437-21660487	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_50033	RLEIIEGLR	AGAP011352-PA	-	63	2.34E-06	2	1098.662	-0.68	Salivary gland	3L:+:21660626-21660652	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_52458	VIYLEDDDVAAVK	AGAP011352-PA	-	38	0.002194502	1	1449.749	0.94	Ovary	3L:+:21659936-21659974	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_52954	EGRPIIICEEGDRETMAFASK	AGAP011352-PA	C8(Carbamidomethyl), M16(Oxidation)	49	0.000192806	1	2425.150	0.46	Salivary gland	3L:+:21660956-21661018	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_63451	ESHCGVHVNAGPEIGVASTK	AGAP011352-PA	C4(Carbamidomethyl)	94	5.94E-09	1	2048.995	6.35	Midgut	3L:+:21660488-21660547	exon=> In CDS Exon 1 of transcript AGAP011352-PA

JHU_Ag_71197	VTLGGIKDYIPEIK	AGAP011352-PA	-	38	0.000475731	1	1545.887	-0.81	Salivary gland	3L:+:21660170-21660211	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_71844	RLEIIEGLR	AGAP011352-PA	-	44	0.000125174	2	1098.669	5.32	Malpighian tubule	3L:+:21660626-21660652	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_72687	ELVEQVIQQLEGAFALAFK	AGAP011352-PA	-	105	1.81E-10	1	2133.159	0.15	Midgut	3L:+:21659624-21659680	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_74576	SDDTNAFVVVHNGIVTNYK	AGAP011352-PA	-	61	1.17E-05	1	2093.030	-0.18	Salivary gland	3L:+:21659450-21659506	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_75836	TSLATNHVPILYGK	AGAP011352-PA	-	66	1.68E-06	1	1513.847	6.11	Malpighian tubule	3L:+:21659753-21659794	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_76864	GSPLLVGIK	AGAP011352-PA	-	51	1.69E-05	2	883.561	-0.39	Salivary gland	3L:+:21659720-21659746	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_77805	ESHCGVHVNAGPEIGVASTK	AGAP011352-PA	C4(Carbamidomethyl)	96	3.69E-09	1	2048.982	0.06	Salivary gland	3L:+:21660488-21660547	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_78925	RGSPLLVGIK	AGAP011352-PA	-	33	0.000431 76	2	1039.666	3.85	Malpighian tubule	3L:+:21659717-21659746	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_79694	EVLDLLLNGLKR	AGAP011352-PA	-	60	1.30E-06	1	1382.838	0.84	Salivary gland	3L:+:21659183-21659218	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_87776	VIYLEDDDVAAVK	AGAP011352-PA	-	74	5.18E-07	1	1449.747	0.01	Salivary gland	3L:+:21659936-21659974	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_90154	RLEIIEGLR	AGAP011352-PA	-	50	4.19E-05	1	1098.660	-2.91	Pupa	3L:+:21660626-21660652	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_95696	VLEIAQDLYQQK	AGAP011352-PA	-	109	1.38E-10	1	1447.779	-0.05	Midgut	3L:+:21660698-21660733	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_100619	TSLATNHVPILYGK	AGAP011352-PA	-	67	1.69E-06	1	1513.837	-0.1	Midgut	3L:+:21659753-21659794	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_101971	EVLDLLLNGLK	AGAP011352-PA	-	58	4.84E-06	2	1226.744	6.66	Malpighian tubule	3L:+:21659183-21659215	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_102161	RGSPLLVGIK	AGAP011352-PA	-	33	0.000441817	2	1039.663	0.68	Pupa	3L:+:21659717-21659746	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_103071	VLEIAQDLYQQK	AGAP011352-PA	-	98	1.71E-09	2	1447.779	-0.39	Pupa	3L:+:21660698-21660733	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_103208	LVHHLWK	AGAP011352-PA	-	37	0.001578785	1	932.547	0.44	Salivary gland	3L:+:21659579-21659599	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_104604	GSPLLVGIK	AGAP011352-PA	-	45	6.40E-05	2	883.565	3.83	Malpighian tubule	3L:+:21659720-21659746	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_109356	GALIVGITNTVGSSICR	AGAP011352-PA	C16(Carbamidomethyl)	64	2.81E-06	2	1717.943	9.56	Malpighian tubule	3L:+:21660437-21660487	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_115240	EVLDLLLNGLKR	AGAP011352-PA	-	48	2.27E-05	2	1382.837	-0.04	Midgut	3L:+:21659183-21659218	exon=> In CDS Exon 1 of transcript AGAP011352-PA
JHU_Ag_24743	ATLGVVGGSDLEK	AGAP011353-PA	-	58	2.46E-05	2	1245.670	1.31	Male reproductive organs	3L:+:21675972-21676010	exon=> In CDS Exon 1 of transcript AGAP011353-PA
JHU_Ag_29845	FDYVFPENGLVQYEAGR	AGAP011353-PA	-	40	0.001494 64	2	2003.941	-4.61	Male reproductive organs	3L:+:21676050-21676100	exon=> In CDS Exon 1 of transcript AGAP011353-PA
JHU_Ag_40911	TSPGGNDYEIYSHPDTIGHR	AGAP011353-PA	-	108	1.80E-10	1	2215.992	-3.56	Head	3L:+:21676497-21676556	exon=> In CDS Exon 1 of transcript AGAP011353-PA
JHU_Ag_52732	FDYVFPENGLVQYEAGR	AGAP011353-PA	-	51	0.000128265	1	2003.953	1.66	Visceras	3L:+:21676050-21676100	exon=> In CDS Exon 1 of transcript AGAP011353-PA
JHU_Ag_59298	NGMLNVSPIGR	AGAP011353-PA	M3(Oxidation)	44	0.000521618	2	1173.604	-0.31	Male reproductive organs	3L:+:21676230-21676262	exon=> In CDS Exon 1 of transcript AGAP011353-PA
JHU_Ag_2171	QLAELLK	AGAP011353-PA,AGAP000607-PA	-	37	0.001545811	1	814.503	-1.01	Head	3L:+:21676584-21676604;X:-:11074813-11074793	exon=> In CDS Exon 1 of transcript AGAP011353-PA;exon=> In CDS Exon 1 of transcript AGAP000607-PA

JHU_Ag_109748	QLAELLK	AGAP011353-PA,AGAP000607-PA	-	47	0.000153164	2	814.504	0.78	Salivary gland	3L:+:21676584-21676604;X:-:11074813-11074793	exon=> In CDS Exon 1 of transcript AGAP011353-PA;exon=> In CDS Exon 1 of transcript AGAP000607-PA
JHU_Ag_7085	ATFTPQEVSR	AGAP011354-PA	-	44	0.000609578	2	1135.577	2.37	Malpighian tubule	3L:-:21677491-21677462	exon=> In CDS Exon 2 of transcript AGAP011354-PA
JHU_Ag_27009	SLVHHLLDAIEVLAHDK	AGAP011354-PA	-	26	0.007783053	1	1910.078	14.94	Midgut	3L:-:21677614-21677564	exon=> In CDS Exon 2 of transcript AGAP011354-PA
JHU_Ag_34976	ILNPAVAKELIFTAR	AGAP011354-PA	-	79	1.18E-08	2	1655.990	3.26	Malpighian tubule	3L:-:21677251-21677207	exon=> In CDS Exon 2 of transcript AGAP011354-PA
JHU_Ag_35722	LGLVETK	AGAP011354-PA	-	42	0.000917353	2	759.461	-0.02	Malpighian tubule	3L:-:21677317-21677297	exon=> In CDS Exon 2 of transcript AGAP011354-PA
JHU_Ag_40104	SLVHHLLDAIEVLAHDK	AGAP011354-PA	-	84	2.42E-08	1	1910.048	-0.88	Head	3L:-:21677614-21677564	exon=> In CDS Exon 2 of transcript AGAP011354-PA
JHU_Ag_81057	SLVHHLLDAIEVLAHDK	AGAP011354-PA	-	119	7.20E-12	1	1910.052	1.32	Ovary	3L:-:21677614-21677564	exon=> In CDS Exon 2 of transcript AGAP011354-PA
JHU_Ag_37190	LPSEPQSVSVEPLTER	AGAP011355-PA	Q6(Deamidated)	94	5.29E-09	1	1768.899	1.24	Head	3L:-:21696744-21696697	exon=> In CDS Exon 4 of transcript AGAP011355-PA
JHU_Ag_29603	VTANCLHPGVIDTGIWR	AGAP011357-PA	C5(Carbamidomethyl)	64	5.45E-06	1	1908.980	2.52	Salivary gland	3L:-:21832188-21832138	exon=> In CDS Exon 2 of transcript AGAP011357-PA
JHU_Ag_30082	TVIITGANSGIGK	AGAP011357-PA	-	45	0.000205373	2	1230.707	1.45	Salivary gland	3L:-:21835588-21835550	exon=> In CDS Exon 1 of transcript AGAP011357-PA
JHU_Ag_51255	TVIITGANSGIGK	AGAP011357-PA	-	49	9.30E-05	2	1230.703	-1.82	Pupa	3L:-:21835588-21835550	exon=> In CDS Exon 1 of transcript AGAP011357-PA
JHU_Ag_8152	RLDSFFELEEK	AGAP011358-PA	-	54	6.10E-05	2	1412.708	1.5	Malpighian tubule	3L:-:21848790-21848758	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_8376	GSPFPTVAEAIQEELEQYR	AGAP011358-PA	-	128	2.23E-12	1	2164.061	2.34	Salivary gland	3L:-:21849048-21848992	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_14188	IIYGASTLTNAK	AGAP011358-PA	-	53	3.52E-05	2	1251.700	4.69	Malpighian tubule	3L:-:21848037-21848002	exon=> In CDS Exon 5 of transcript AGAP011358-PA
JHU_Ag_22818	QLSLLGQEIGGV	AGAP011358-PA	-	37	0.001710519	2	1213.684	4.64	Malpighian tubule	3L:-:21847989-21847954	exon=> In CDS Exon 5 of transcript AGAP011358-PA
JHU_Ag_30156	RLDSFFELEEK	AGAP011358-PA	-	38	0.002062377	2	1412.708	1.93	Head	3L:-:21848790-21848758	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_33617	IATSILNYIK	AGAP011358-PA	-	60	3.43E-06	2	1135.672	-0.33	Male reproductive organs	3L:-:21848826-21848797	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_34699	LTSAVNSLPQLLEK	AGAP011358-PA	-	49	6.35E-05	2	1512.867	2.63	Malpighian tubule	3L:-:21848895-21848854	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_49543	LVSQGSSFVMEGVK	AGAP011358-PA	M10(Oxidation)	51	9.96E-05	2	1483.748	1.53	Male reproductive organs	3L:-:21848407-21848366	exon=> In CDS Exon 4 of transcript AGAP011358-PA
JHU_Ag_58325	VGQDIISPLISIR	AGAP011358-PA	-	45	8.30E-05	2	1410.836	2.79	Salivary gland	3L:-:21850031-21849993	exon=> In CDS Exon 1 of transcript AGAP011358-PA
JHU_Ag_66677	VGQDIISPLISIR	AGAP011358-PA	-	63	1.37E-06	1	1410.837	4.17	Male reproductive organs	3L:-:21850031-21849993	exon=> In CDS Exon 1 of transcript AGAP011358-PA
JHU_Ag_69471	STLTNSNQYEGSGTK	AGAP011358-PA	-	81	1.01E-07	2	1586.736	4.07	Malpighian tubule	3L:-:21848473-21848429	exon=> In CDS Exon 4 of transcript AGAP011358-PA
JHU_Ag_74177	VGQDIISPLISIR	AGAP011358-PA	-	47	5.40E-05	2	1410.837	3.83	Head	3L:-:21850031-21849993	exon=> In CDS Exon 1 of transcript AGAP011358-PA
JHU_Ag_75011	IATSILNYIK	AGAP011358-PA	-	59	4.07E-06	2	1135.676	3.11	Head	3L:-:21848826-21848797	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_75426	ITEQLMECR	AGAP011358-PA	M6(Oxidation), C8(Carbamidomethyl)	41	0.000779334	2	1195.545	0.59	Salivary gland	3L:-:21848259-21848233	exon=> In CDS Exon 5 of transcript AGAP011358-PA
JHU_Ag_78755	IATSILNYIK	AGAP011358-PA	-	31	0.002648915	2	1135.674	1.82	Visceras	3L:-:21848826-21848797	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_90962	IATSILNYIK	AGAP011358-PA	-	64	1.21E-06	2	1135.677	4.4	Malpighian tubule	3L:-:21848826-21848797	exon=> In CDS Exon 3 of transcript AGAP011358-PA

JHU_Ag_94201	SGGGSEVDDYLYLDPK	AGAP011358-PA	-	61	8.85E-06	2	1714.778	-1.36	Malpighian tubule	3L:-:21848232-21848185	exon=> In CDS Exon 5 of transcript AGAP011358-PA
JHU_Ag_97558	LTSAVNSLPQLLEK	AGAP011358-PA	-	39	0.000604354	2	1512.864	0.62	Ovary	3L:-:21848895-21848854	exon=> In CDS Exon 3 of transcript AGAP011358-PA
JHU_Ag_11720	EEYEQYLTPGVELR	AGAP011359-PA	-	72	8.38E-07	1	1725.832	-0.71	Midgut	3L:-:21901909-21901868	exon=> In CDS Exon 3 of transcript AGAP011359-PA
JHU_Ag_30080	LGQLFLR	AGAP011359-PA	-	52	1.36E-05	1	846.519	-0.36	Midgut	3L:-:21901861-21901841	exon=> In CDS Exon 3 of transcript AGAP011359-PA
JHU_Ag_30944	TNSISSTFEQLLR	AGAP011359-PA	-	86	2.99E-08	2	1495.773	-1.52	Midgut	3L:-:21902547-21902509	exon=> In CDS Exon 1 of transcript AGAP011359-PA
JHU_Ag_3305	LGEQPSIEVSKEYILKPNK	AGAP011360-PA	-	28	0.006597645	1	2172.196	2.32	Malpighian tubule	3L:-:21924581-21924525	exon=> In CDS Exon 3 of transcript AGAP011360-PA
JHU_Ag_6330	AFVGESQEDKPHKR	AGAP011360-PA	-	44	0.00063654	1	1627.820	0.56	Ovary	3L:-:21924671-21924630	exon=> In CDS Exon 3 of transcript AGAP011360-PA
JHU_Ag_6875	ITVYLGK	AGAP011360-PA	-	31	0.002080022	1	793.482	0.18	Ovary	3L:-:21931679-21931659	exon=> In CDS Exon 1 of transcript AGAP011360-PA
JHU_Ag_14466	KVFGHVLAAFR	AGAP011360-PA	-	81	4.11E-08	1	1244.725	-0.72	Malpighian tubule	3L:-:21931326-21931294	exon=> In CDS Exon 2 of transcript AGAP011360-PA
JHU_Ag_14862	DLYLASEQIYPPLETDRPLTR	AGAP011360-PA	-	42	0.000704686	1	2490.284	-1.52	Visceras	3L:-:21931248-21931367,21924495-21924816	exon=> In CDS Exon 3 and 2 of transcript AGAP011360-PA
JHU_Ag_18236	DLYLASEQIYPPLETDRPLTR	AGAP011360-PA	-	102	5.90E-10	1	2490.296	3.48	Head	3L:-:21931248-21931367,21924495-21924816	exon=> In CDS Exon 3 and 2 of transcript AGAP011360-PA
JHU_Ag_18331	LGEQPSIEVSK	AGAP011360-PA	-	59	2.00E-05	2	1186.633	1.19	Malpighian tubule	3L:-:21924581-21924549	exon=> In CDS Exon 3 of transcript AGAP011360-PA
JHU_Ag_22429	VFTLTPLLANNK	AGAP011360-PA	-	61	3.40E-06	2	1330.774	0.48	Ovary	3L:-:21914835-21914800	exon=> In CDS Exon 5 of transcript AGAP011360-PA
JHU_Ag_27407	YGREDLDVLGLTFR	AGAP011360-PA	-	56	2.38E-05	2	1653.874	8.77	Head	3L:-:21931293-21931252	exon=> In CDS Exon 2 of transcript AGAP011360-PA
JHU_Ag_32087	YGREDLDVLGLTFR	AGAP011360-PA	-	92	7.02E-09	1	1653.870	6.48	Malpighian tubule	3L:-:21931293-21931252	exon=> In CDS Exon 2 of transcript AGAP011360-PA
JHU_Ag_37686	ITVYLGK	AGAP011360-PA	-	32	0.000994143	2	793.481	-1.67	Head	3L:-:21931679-21931659	exon=> In CDS Exon 1 of transcript AGAP011360-PA
JHU_Ag_38561	AFVGESQEDKPHKR	AGAP011360-PA	-	46	0.000385559	1	1627.818	-0.57	Midgut	3L:-:21924671-21924630	exon=> In CDS Exon 3 of transcript AGAP011360-PA
JHU_Ag_44290	VFTLTPLLANNK	AGAP011360-PA	-	59	5.47E-06	2	1330.772	-0.44	Midgut	3L:-:21914835-21914800	exon=> In CDS Exon 5 of transcript AGAP011360-PA
JHU_Ag_49744	DLYLASEQIYPPLETDRPLTR	AGAP011360-PA	-	51	8.17E-05	3	2490.291	1.2	Male reproductive organs	3L:-:21931248-21931367,21924495-21924816	exon=> In CDS Exon 3 and 2 of transcript AGAP011360-PA
JHU_Ag_50668	DLYLASEQIYPPLETDRPLTR	AGAP011360-PA	-	101	8.10E-10	1	2490.293	2.38	Ovary	3L:-:21931248-21931367,21924495-21924816	exon=> In CDS Exon 3 and 2 of transcript AGAP011360-PA
JHU_Ag_54304	DFVDHITHVDPIDGVVLIDPDYVK	AGAP011360-PA	-	130	1.14E-12	1	2721.391	5.12	Head	3L:-:21931655-21931730,21931225-21931333	exon=> In CDS Exon 2 and 1 of transcript AGAP011360-PA
JHU_Ag_57902	DFVDHITHVDPIDGVVLIDPDYVK	AGAP011360-PA	-	112	7.37E-11	1	2721.387	3.64	Malpighian tubule	3L:-:21931655-21931730,21931225-21931333	exon=> In CDS Exon 2 and 1 of transcript AGAP011360-PA
JHU_Ag_58149	VFTLTPLLANNK	AGAP011360-PA	-	62	2.55E-06	2	1330.772	-0.62	Malpighian tubule	3L:-:21914835-21914800	exon=> In CDS Exon 5 of transcript AGAP011360-PA
JHU_Ag_58471	DFVDHITHVDPIDGVVLIDPDYVKER	AGAP011360-PA	-	48	0.000159301	1	3006.523	0.81	Ovary	3L:-:21931655-21931730,21931225-21931327	exon=> In CDS Exon 2 and 1 of transcript AGAP011360-PA

JHU_Ag_58784	VFGHVLAAFR	AGAP011360-PA	-	38	0.001660076	1	1116.633	1.88	Ovary	3L:-:21931323-21931294	exon=> In CDS Exon 2 of transcript AGAP011360-PA
JHU_Ag_67428	DLYLASEQIYPPLETDRPLTR	AGAP011360-PA	-	77	2.35E-07	1	2490.293	2.38	Malpighian tubule	3L:-:21931248-21931367,21924495-21924816	exon=> In CDS Exon 3 and 2 of transcript AGAP011360-PA
JHU_Ag_70003	DFVDHITHVDPIDGVVLIDPDYVK	AGAP011360-PA	-	81	9.34E-08	3	2721.390	4.86	Ovary	3L:-:21931655-21931730,21931225-21931333	exon=> In CDS Exon 2 and 1 of transcript AGAP011360-PA
JHU_Ag_87658	LGEQPSIEVSK	AGAP011360-PA	-	42	0.000889757	2	1186.635	3.35	Head	3L:-:21924581-21924549	exon=> In CDS Exon 3 of transcript AGAP011360-PA
JHU_Ag_89727	DLYLASEQIYPPLETDRPLTR	AGAP011360-PA	-	74	4.51E-07	3	2490.285	-1.08	Midgut	3L:-:21931248-21931367,21924495-21924816	exon=> In CDS Exon 3 and 2 of transcript AGAP011360-PA
JHU_Ag_90346	HEDTNLASSTLIADPSQR	AGAP011360-PA	-	39	0.001463086	1	1954.944	-1.12	Ovary	3L:-:21914763-21914875,21913186-21913251	exon=> In CDS Exon 6 and 5 of transcript AGAP011360-PA
JHU_Ag_98287	VFTLTPLLANNK	AGAP011360-PA	-	51	2.92E-05	2	1330.778	3.5	Head	3L:-:21914835-21914800	exon=> In CDS Exon 5 of transcript AGAP011360-PA
JHU_Ag_102590	LCITPLGGDLVAELPFILMHPKPDDDEPVIGDR	AGAP011360-PA	C2(Carbamidomethyl), M19(Oxidation)	76	1.93E-07	1	3658.848	-0.6	Malpighian tubule	3L:-:21913208-21913272,21912874-21913008	exon=> In CDS Exon 7 and 6 of transcript AGAP011360-PA
JHU_Ag_103658	DFVDHITHVDPIDGVVLIDPDYVK	AGAP011360-PA	-	93	5.62E-09	1	2721.400	8.29	Midgut	3L:-:21931655-21931730,21931225-21931333	exon=> In CDS Exon 2 and 1 of transcript AGAP011360-PA
JHU_Ag_111566	AFVGESQEDKPHKR	AGAP011360-PA	-	40	0.001409057	1	1627.817	-1.24	Head	3L:-:21924671-21924630	exon=> In CDS Exon 3 of transcript AGAP011360-PA
JHU_Ag_113181	EDLDVLGLTFR	AGAP011360-PA	-	43	0.000741884	2	1277.677	2.94	Head	3L:-:21931284-21931252	exon=> In CDS Exon 2 of transcript AGAP011360-PA
JHU_Ag_113789	EDLDVLGLTFR	AGAP011360-PA	-	78	2.24E-07	1	1277.673	-0.69	Ovary	3L:-:21931284-21931252	exon=> In CDS Exon 2 of transcript AGAP011360-PA
JHU_Ag_115701	DFVDHITHVDPIDGVVLIDPDYVKER	AGAP011360-PA	-	129	1.32E-12	1	3006.535	4.56	Malpighian tubule	3L:-:21931655-21931730,21931225-21931327	exon=> In CDS Exon 2 and 1 of transcript AGAP011360-PA
JHU_Ag_116963	RDFVDHITHVDPIDGVVLIDPDYVK	AGAP011360-PA	-	75	2.61E-07	1	2877.491	4.51	Ovary	3L:-:21931658-21931730,21931225-21931333	exon=> In CDS Exon 2 and 1 of transcript AGAP011360-PA
JHU_Ag_179	GSDVIIMLVGNK	AGAP011363-PA	-	63	5.82E-06	2	1245.689	1.74	Visceras	3L:-:21991207-21991172	exon=> In CDS Exon 4 of transcript AGAP011363-PA
JHU_Ag_8179	SSSGDFGNPLRK	AGAP011363-PA	N-Term(Acetyl)	48	0.000242864	1	1306.629	-7.62	Head	3L:-:22014742-22014707	exon=> In CDS Exon 1 of transcript AGAP011363-PA
JHU_Ag_20113	GSDVIIMLVGNK	AGAP011363-PA	-	63	6.59E-06	2	1245.687	-0.51	Midgut	3L:-:21991207-21991172	exon=> In CDS Exon 4 of transcript AGAP011363-PA
JHU_Ag_26151	SSSGDFGNPLR	AGAP011363-PA	N-Term(Acetyl)	49	0.000133463	2	1178.543	-0.47	Male reproductive organs	3L:-:22014742-22014710	exon=> In CDS Exon 1 of transcript AGAP011363-PA
JHU_Ag_28145	LVFLGEQSVGK	AGAP011363-PA	-	67	1.46E-06	2	1176.663	0.35	Head	3L:-:22014700-22014745,22012680-22012731	exon=> In CDS Exon 2 and 1 of transcript AGAP011363-PA
JHU_Ag_30543	LVFLGEQSVGK	AGAP011363-PA	-	75	2.56E-07	1	1176.663	0.24	Male reproductive organs	3L:-:22014700-22014745,22012680-22012731	exon=> In CDS Exon 2 and 1 of transcript AGAP011363-PA
JHU_Ag_31980	VAAALPGMDSTENKPPEDMHEVVLK	AGAP011363-PA	M8(Oxidation), M19(Oxidation)	38	0.002271276	1	2710.305	-0.58	Midgut	3L:-:21990968-21990980,21990568-21990616	exon=> In CDS Exon 6 and 5 of transcript AGAP011363-PA
JHU_Ag_37467	DSTVAVVVYDITNANSFHQTSK	AGAP011363-PA	-	49	0.000177179	1	2396.178	2.12	Male reproductive organs	3L:-:21995104-21995227,21991058-21991235	exon=> In CDS Exon 4 and 3 of transcript AGAP011363-PA

JHU_Ag_55167	LVFLGEQSVGK	AGAP011363-PA	-	50	7.40E-05	2	1176.664	1.49	Salivary gland	3L:-:22014700-22014745,22012680-22012731	exon=> In CDS Exon 2 and 1 of transcript AGAP011363-PA
JHU_Ag_59764	GSDVIIMLVGNK	AGAP011363-PA	-	76	3.33E-07	1	1245.687	-0.51	Head	3L:-:21991207-21991172	exon=> In CDS Exon 4 of transcript AGAP011363-PA
JHU_Ag_61676	SSSGDFGNPLRK	AGAP011363-PA	N-Term(Acetyl)	57	2.88E-05	1	1306.632	-5	Salivary gland	3L:-:22014742-22014707	exon=> In CDS Exon 1 of transcript AGAP011363-PA
JHU_Ag_69346	DSTVAVVVYDITNANSFHQTSK	AGAP011363-PA	-	110	1.35E-10	2	2396.183	4.07	Visceras	3L:-:21995104-21995227,21991058-21991235	exon=> In CDS Exon 4 and 3 of transcript AGAP011363-PA
JHU_Ag_82123	GSDVIIMLVGNK	AGAP011363-PA	M7(Oxidation)	66	3.40E-06	2	1261.683	0.91	Male reproductive organs	3L:-:21991207-21991172	exon=> In CDS Exon 4 of transcript AGAP011363-PA
JHU_Ag_84848	SSSGDFGNPLR	AGAP011363-PA	N-Term(Acetyl)	42	0.000705365	1	1178.541	-2.48	Head	3L:-:22014742-22014710	exon=> In CDS Exon 1 of transcript AGAP011363-PA
JHU_Ag_88939	DSTVAVVVYDITNANSFHQTSK	AGAP011363-PA	-	94	6.44E-09	2	2396.182	3.96	Midgut	3L:-:21995104-21995227,21991058-21991235	exon=> In CDS Exon 4 and 3 of transcript AGAP011363-PA
JHU_Ag_89141	SSSGDFGNPLRK	AGAP011363-PA	N-Term(Acetyl)	73	9.37E-07	1	1306.643	3.03	Malpighian tubule	3L:-:22014742-22014707	exon=> In CDS Exon 1 of transcript AGAP011363-PA
JHU_Ag_101986	SSSGDFGNPLRK	AGAP011363-PA	N-Term(Acetyl)	85	6.07E-08	1	1306.639	0.32	Male reproductive organs	3L:-:22014742-22014707	exon=> In CDS Exon 1 of transcript AGAP011363-PA
JHU_Ag_102347	DSTVAVVVYDITNANSFHQTSK	AGAP011363-PA	-	108	2.35E-10	2	2396.177	1.72	Head	3L:-:21995104-21995227,21991058-21991235	exon=> In CDS Exon 4 and 3 of transcript AGAP011363-PA
JHU_Ag_5955	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	85	5.11E-08	1	1316.658	-1.24	Head	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_39384	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	70	1.75E-06	1	1316.662	2.19	Salivary gland	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_61833	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	61	1.44E-05	1	1316.662	2.28	Malpighian tubule	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_70073	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	63	8.60E-06	1	1316.660	0.33	Ovary	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_76488	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	78	2.62E-07	1	1316.660	0.15	Midgut	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_81637	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	60	1.93E-05	1	1316.662	2.28	Visceras	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_82469	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	72	1.08E-06	1	1316.659	-0.22	Male reproductive organs	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB
JHU_Ag_105927	LQLWDTAGQER	AGAP011363-PA,AGAP000433-PB	-	53	9.00E-05	2	1316.664	3.67	Larva	3L:-:21995167-21995135;X:-:7695753-7695721	exon=> In CDS Exon 3 of transcript AGAP011363-PA;exon=> In CDS Exon 2 of transcript AGAP000433-PB

JHU_Ag_189	SNFAADDWQQPLLAGHIETCVK	AGAP011367-PA	C20(Carbamidomethyl)	67	3.11E-06	1	2500.208	6.33	Larva	3L:-:22026139-22026074	exon=> In CDS Exon 3 of transcript AGAP011367-PA
JHU_Ag_10814	SNFAADDWQQPLLAGHIETCVK	AGAP011367-PA	C20(Carbamidomethyl)	34	0.005251911	1	2500.198	2.23	Pupa	3L:-:22026139-22026074	exon=> In CDS Exon 3 of transcript AGAP011367-PA
JHU_Ag_72322	ADGAYEPVDFFSCER	AGAP011367-PA	C13(Carbamidomethyl)	51	3.14E-05	2	1762.749	6.11	Larva	3L:-:22026368-22026568,22025864-22026254	exon=> In CDS Exon 3 and 2 of transcript AGAP011367-PA
JHU_Ag_47356	EGIADENGALLHTDLAK	AGAP011368-PA	-	89	1.95E-08	2	1766.896	2.42	Head	3L:+:22028907-22028957	exon=> In CDS Exon 2 of transcript AGAP011368-PA
JHU_Ag_98109	EHLNCITECIAK	AGAP011368-PA	C5(Carbamidomethyl), C9(Carbamidomethyl)	58	1.91E-05	1	1487.692	-4.27	Head	3L:+:22028868-22028903	exon=> In CDS Exon 2 of transcript AGAP011368-PA
JHU_Ag_98353	EDVSDLHDDIEAAE	AGAP011368-PA	-	63	2.12E-06	2	1557.655	-0.15	Head	3L:+:22029204-22029245	exon=> In CDS Exon 2 of transcript AGAP011368-PA
JHU_Ag_3767	EVEGTESDLFLSYFK	AGAP011369-PA	-	122	1.16E-11	2	1763.844	3.71	Head	3L:-:22039934-22039890	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_4564	MVTLLGDYGK	AGAP011369-PA	M1(Oxidation)	42	0.000658121	2	1112.561	-4.46	Midgut	3L:-:22032519-22032490	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_7369	TTQDEAGSAAILSVQLDDLLGGLPVQHR	AGAP011369-PA	-	86	2.04E-08	1	2904.513	2.26	Head	3L:-:22040018-22039935	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_7789	SEETVPIVVLK	AGAP011369-PA	-	49	9.08E-05	2	1213.706	1.62	Malpighian tubule	3L:-:22031881-22031849	exon=> In CDS Exon 4 of transcript AGAP011369-PA
JHU_Ag_11568	SEETVPIVVLK	AGAP011369-PA	-	48	0.000114632	2	1213.700	-3.11	Midgut	3L:-:22031881-22031849	exon=> In CDS Exon 4 of transcript AGAP011369-PA
JHU_Ag_12769	TAGTVYIWHGVGASDLEK	AGAP011369-PA	-	83	7.62E-08	1	1903.962	3.5	Malpighian tubule	3L:-:22032369-22032316	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_13522	VQNYDLEPVEPDAYGTFYAGDSYLVRYEYTVR	AGAP011369-PA	-	60	1.01E-05	1	3792.810	10.42	Malpighian tubule	3L:-:22032795-22032700	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_14237	KYPAWTPVER	AGAP011369-PA	-	34	0.005820723	1	1246.659	1.14	Malpighian tubule	3L:-:22039256-22039227	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_15442	LVQNAETAPFK	AGAP011369-PA	-	47	0.000347917	2	1217.653	0.09	Male reproductive organs	3L:-:22039226-22039194	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_18804	AGGHGYIVYFWQGK	AGAP011369-PA	-	31	0.012197244	1	1582.781	0.43	Midgut	3L:-:22032699-22032658	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_22254	ELDPAGAPFLTPR	AGAP011369-PA	-	66	2.81E-06	2	1383.728	1.03	Head	3L:-:22032195-22032157	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_24103	GTCSDDVRAEEMAPTAASLASDDVFLLK	AGAP011369-PA	C3(Carbamidomethyl), M12(Oxidation)	107	2.58E-10	1	2985.388	1.96	Malpighian tubule	3L:-:22032453-22032370	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_24104	RLFHIK	AGAP011369-PA	-	30	0.003673369	1	813.511	2.16	Head	3L:-:22039814-22039797	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_27687	ELDPAGAPFLTPR	AGAP011369-PA	-	81	8.83E-08	1	1383.729	1.74	Malpighian tubule	3L:-:22032195-22032157	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_28432	AGGHGYIVYFWQGK	AGAP011369-PA	-	86	3.47E-08	1	1582.789	5.42	Malpighian tubule	3L:-:22032699-22032658	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_30520	EIYVYVGPHAGR	AGAP011369-PA	-	37	0.002831583	2	1360.701	0.27	Visceras	3L:-:22039709-22039674	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_32717	ELDPAGAPFLTPR	AGAP011369-PA	-	102	6.17E-10	2	1383.726	-0.56	Midgut	3L:-:22032195-22032157	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_37167	DEYDRELDPAGAPFLTPR	AGAP011369-PA	-	106	4.35E-10	1	2061.987	-0.39	Midgut	3L:-:22032210-22032157	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_40156	TAGTVYIWHGVGASDLEK	AGAP011369-PA	-	85	6.00E-08	1	1903.953	-0.83	Midgut	3L:-:22032369-22032316	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_42005	VENFQPVVIPK	AGAP011369-PA	-	52	4.14E-05	2	1269.721	0.23	Male reproductive organs	3L:-:22040249-22040217	exon=> In CDS Exon 1 of transcript AGAP011369-PA
JHU_Ag_45119	TDPSERSEETVPIVVLK	AGAP011369-PA	-	39	0.00136701	1	1899.006	-0.53	Midgut	3L:-:22031899-22031849	exon=> In CDS Exon 4 of transcript AGAP011369-PA

JHU_Ag_47854	DQDHAGR	AGAP011369-PA	-	28	0.005626026	2	798.350	1.81	Head	3L:-:22039631-22039611	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_48436	LVQNAETAPFK	AGAP011369-PA	Q3(Deamidated)	61	1.27E-05	2	1217.650	-2.21	Head	3L:-:22039226-22039194	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_50782	DEYDRELDPAGAPFLTPR	AGAP011369-PA	-	93	8.97E-09	1	2061.991	1.65	Malpighian tubule	3L:-:22032210-22032157	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_52927	AINFANDLRDQDHAGR	AGAP011369-PA	-	68	2.21E-06	1	1812.872	-1.07	Pupa	3L:-:22039658-22039611	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_60105	QVELAVSAMNK	AGAP011369-PA	M9(Oxidation)	37	0.003437149	2	1205.621	0.94	Pupa	3L:-:22039772-22039740	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_64283	AEEMAPTAASLASDDVFLLK	AGAP011369-PA	M4(Oxidation)	125	5.20E-12	1	2095.032	2.76	Male reproductive organs	3L:-:22032429-22032370	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_64318	KYPAWTPVER	AGAP011369-PA	-	64	6.17E-06	1	1246.659	0.65	Pupa	3L:-:22039256-22039227	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_65498	EVEGTESDLFLSYFK	AGAP011369-PA	-	67	3.33E-06	2	1763.843	3.09	Larva	3L:-:22039934-22039890	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_66557	EVEGTESDLFLSYFK	AGAP011369-PA	-	113	7.81E-11	1	1763.842	2.68	Pupa	3L:-:22039934-22039890	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_71158	GDCFILDAGR	AGAP011369-PA	C3(Carbamidomethyl)	64	4.27E-06	2	1123.520	-0.17	Pupa	3L:-:22039739-22039710	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_73757	MVTLLGDYGK	AGAP011369-PA	M1(Oxidation)	70	1.03E-06	1	1112.566	0.59	Malpighian tubule	3L:-:22032519-22032490	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_75790	MVTLLGDYGK	AGAP011369-PA	-	40	0.001009892	2	1096.574	2.75	Salivary gland	3L:-:22032519-22032490	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_76014	ALGFMPDNGQGAVEIWR	AGAP011369-PA	-	55	5.61E-05	2	1860.911	2.52	Ovary	3L:-:22032846-22032796	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_79349	MVTLLGDYGKQSAEDTK	AGAP011369-PA	M1(Oxidation)	44	0.000644448	1	1871.916	5.71	Malpighian tubule	3L:-:22032519-22032469	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_79456	FYTGDSYIVMNTK	AGAP011369-PA	M10(Oxidation)	92	6.71E-09	1	1554.714	-0.31	Pupa	3L:-:22040201-22040318,22039146-22040073	exon=> In CDS Exon 2 and 1 of transcript AGAP011369-PA
JHU_Ag_80063	AINFANDLRDQDHAGR	AGAP011369-PA	-	71	1.20E-06	1	1812.876	1.26	Malpighian tubule	3L:-:22039658-22039611	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_80105	AINFANDLR	AGAP011369-PA	-	47	0.000382544	2	1033.543	-0.04	Head	3L:-:22039658-22039632	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_80291	KLNIPAFNNAGK	AGAP011369-PA	-	51	7.88E-05	1	1286.721	-0.57	Malpighian tubule	3L:-:22040309-22040274	exon=> In CDS Exon 1 of transcript AGAP011369-PA
JHU_Ag_80491	TDPSERSEETVPIVVLK	AGAP011369-PA	-	54	3.86E-05	1	1899.014	3.71	Malpighian tubule	3L:-:22031899-22031849	exon=> In CDS Exon 4 of transcript AGAP011369-PA
JHU_Ag_80773	LVQNAETAPFK	AGAP011369-PA	N4(Deamidated)	93	8.27E-09	1	1217.650	-1.91	Pupa	3L:-:22039226-22039194	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_80848	AEEMAPTAASLASDDVFLLK	AGAP011369-PA	M4(Oxidation)	168	2.56E-16	1	2095.031	2.18	Malpighian tubule	3L:-:22032429-22032370	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_81298	THDIHFWLGTK	AGAP011369-PA	-	51	9.36E-05	1	1354.690	-0.19	Pupa	3L:-:22040051-22040019	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_85320	ALGFMPDNGQGAVEIWR	AGAP011369-PA	M5(Oxidation)	57	3.75E-05	1	1876.908	3.45	Male reproductive organs	3L:-:22032846-22032796	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_86644	VENFQPVVIPK	AGAP011369-PA	-	64	2.12E-06	1	1269.721	1	Pupa	3L:-:22040249-22040217	exon=> In CDS Exon 1 of transcript AGAP011369-PA
JHU_Ag_90151	AEEMAPTAASLASDDVFLLK	AGAP011369-PA	M4(Oxidation)	160	1.60E-15	1	2095.026	-0.15	Midgut	3L:-:22032429-22032370	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_92726	YLEGGVASGFK	AGAP011369-PA	-	92	7.09E-09	1	1127.572	-1	Pupa	3L:-:22039877-22039845	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_94883	HVTTNDPGAK	AGAP011369-PA	-	41	0.001060428	2	1039.515	-1.38	Head	3L:-:22039844-22039815	exon=> In CDS Exon 2 of transcript AGAP011369-PA

JHU_Ag_95511	AINFANDLR	AGAP011369-PA	-	44	0.000677322	2	1033.546	3.03	Male reproductive organs	3L:-:22039658-22039632	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_95793	TSSTTEKGASAMHAVR	AGAP011369-PA	M12(Oxidation)	91	1.44E-08	1	1649.793	0.89	Malpighian tubule	3L:-:22032657-22032610	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_97567	ALGFMPDNGQGAVEIWR	AGAP011369-PA	M5(Oxidation),N8(Deamidated),"M5(Oxidation),N8(Deamidated)"	98	2.69E-09	1	1876.903	0.85	Midgut	3L:-:22032846-22032796	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_97569	AINFANDLR	AGAP011369-PA	-	40	0.001854818	2	1033.542	-0.4	Pupa	3L:-:22039658-22039632	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_98023	VQNYDLEPVEPDAYGTFYAGDSYLVR	AGAP011369-PA	-	122	6.16E-12	1	2981.384	0.05	Malpighian tubule	3L:-:22032795-22032718	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_99787	ALGFMPDNGQGAVEIWR	AGAP011369-PA	M5(Oxidation),N8(Deamidated)	112	1.23E-10	1	1876.913	6.19	Malpighian tubule	3L:-:22032846-22032796	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_101144	YLEGGVASGFK	AGAP011369-PA	-	35	0.003396253	2	1127.573	-0.57	Midgut	3L:-:22039877-22039845	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_103142	LVQNAETAPFKHFFQTWR	AGAP011369-PA	-	82	7.30E-08	1	2220.141	2.72	Malpighian tubule	3L:-:22039226-22039173	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_104300	LAVEPITERPLKQEFLK	AGAP011369-PA	-	68	2.69E-07	1	2011.160	0.65	Pupa	3L:-:22039427-22039377	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_106956	TTQDEAGSAAILSVQLDDLLGGLPVQHR	AGAP011369-PA	-	106	2.19E-10	1	2904.511	1.57	Pupa	3L:-:22040018-22039935	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_112975	AEEMAPTAASLASDDVFLLK	AGAP011369-PA	M4(Oxidation)	40	0.001614761	2	2095.030	1.83	Visceras	3L:-:22032429-22032370	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_113153	VQNYDLEPVEPDAYGTFYAGDSYLVR	AGAP011369-PA	-	51	8.86E-05	2	2981.390	2.06	Male reproductive organs	3L:-:22032795-22032718	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_113822	EIYVYVGPHAGR	AGAP011369-PA	-	100	1.52E-09	1	1360.701	0.18	Pupa	3L:-:22039709-22039674	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_114468	AEEMAPTAASLASDDVFLLK	AGAP011369-PA	M4(Oxidation)	57	3.48E-05	1	2095.036	4.74	Head	3L:-:22032429-22032370	exon=> In CDS Exon 3 of transcript AGAP011369-PA
JHU_Ag_115302	LAVEPITERPLK	AGAP011369-PA	-	31	0.002182596	1	1365.809	-0.65	Pupa	3L:-:22039427-22039392	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_117711	YPAWTPVER	AGAP011369-PA	-	47	0.000356056	1	1118.562	-0.7	Pupa	3L:-:22039253-22039227	exon=> In CDS Exon 2 of transcript AGAP011369-PA
JHU_Ag_7226	YAPEQNAITWTIK	AGAP011374-PA	-	53	9.29E-05	2	1534.793	1.68	Pupa	3L:-:22428292-22428254	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_12611	SSSAIFILDAK	AGAP011374-PA	N-Term(Acetyl)	56	3.26E-05	2	1193.640	-1.13	Male reproductive organs	3L:-:22429285-22429253	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_14287	YAPEQNAITWTIK	AGAP011374-PA	-	81	1.20E-07	1	1534.795	2.95	Malpighian tubule	3L:-:22428292-22428254	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_16504	SSSAIFILDAK	AGAP011374-PA	N-Term(Acetyl)	43	0.000587612	2	1193.643	1.33	Ovary	3L:-:22429285-22429253	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_18606	ILQEYITQEGHKLEIQPR	AGAP011374-PA	-	61	4.75E-06	1	2195.189	3.37	Ovary	3L:-:22428901-22428848	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_28195	YITQNGDYQLR	AGAP011374-PA	-	48	0.000187754	1	1370.675	3.41	Malpighian tubule	3L:-:22427918-22427886	exon=> In CDS Exon 3 of transcript AGAP011374-PA
JHU_Ag_32894	FEIPYFTTSGIQVR	AGAP011374-PA	-	78	2.18E-07	2	1657.859	0.05	Midgut	3L:-:22428075-22428165,22427877-22427970	exon=> In CDS Exon 3 and 2 of transcript AGAP011374-PA
JHU_Ag_36813	YITQNGDYQLR	AGAP011374-PA	-	41	0.001114987	2	1370.672	1.36	Male reproductive organs	3L:-:22427918-22427886	exon=> In CDS Exon 3 of transcript AGAP011374-PA
JHU_Ag_39995	LGLNDKVLFESTGR	AGAP011374-PA	-	115	3.15E-11	1	1548.842	2.41	Malpighian tubule	3L:-:22428658-22428617	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_42561	SSSAIFILDAK	AGAP011374-PA	N-Term(Acetyl)	63	6.11E-06	1	1193.643	1.18	Midgut	3L:-:22429285-22429253	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_57187	LNTHVKPLIWIESVIER	AGAP011374-PA	-	58	3.13E-06	1	2047.166	-2.03	Midgut	3L:-:22428487-22428437	exon=> In CDS Exon 1 of transcript AGAP011374-PA

JHU_Ag_66208	SSSAIFILDAKGK	AGAP011374-PA	N-Term(Acetyl)	65	2.62E-06	1	1378.758	0.01	Malpighian tubule	3L:-:22429285-22429247	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_78641	LNTHVKPLIWIESVIER	AGAP011374-PA	-	32	0.000962347	1	2047.173	1.64	Pupa	3L:-:22428487-22428437	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_83564	LNTHVKPLIWIESVIER	AGAP011374-PA	-	41	8.55E-05	1	2047.181	5.21	Ovary	3L:-:22428487-22428437	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_92783	TNNLYLVSVTR	AGAP011374-PA	-	36	0.002586568	2	1279.698	-1.83	Midgut	3L:-:22429105-22429073	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_95537	STANNVEIVIPVPADADSPK	AGAP011374-PA	-	56	3.16E-05	1	2037.051	0.48	Malpighian tubule	3L:-:22428379-22428320	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_97714	STANNVEIVIPVPADADSPK	AGAP011374-PA	-	68	1.92E-06	1	2037.049	-0.42	Midgut	3L:-:22428379-22428320	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_99445	TNNLYLVSVTR	AGAP011374-PA	-	39	0.000950291	2	1279.702	1.22	Male reproductive organs	3L:-:22429105-22429073	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_100113	ILQEYITQEGHKLEIQPR	AGAP011374-PA	-	131	5.44E-13	1	2195.185	1.53	Malpighian tubule	3L:-:22428901-22428848	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_103276	YAPEQNAITWTIK	AGAP011374-PA	-	77	3.66E-07	1	1534.791	0.41	Midgut	3L:-:22428292-22428254	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_103891	TNNLYLVSVTR	AGAP011374-PA	-	59	1.11E-05	2	1279.704	2.65	Malpighian tubule	3L:-:22429105-22429073	exon=> In CDS Exon 1 of transcript AGAP011374-PA
JHU_Ag_8914	IPTAELAVLER	AGAP011378-PA	-	74	1.72E-07	2	1211.698	-0.88	Midgut	3L:+:22704100-22704132	exon=> In CDS Exon 1 of transcript AGAP011378-PA
JHU_Ag_808	QAQAATLEGIGR	AGAP011383-PA	-	64	5.18E-06	1	1214.650	1.21	Ovary	3L:+:23002356-23002391	exon=> In CDS Exon 2 of transcript AGAP011383-PA
JHU_Ag_8600	LHELGIATK	AGAP011383-PA	-	34	0.001824719	2	981.575	2.11	Ovary	3L:+:23002392-23002418	exon=> In CDS Exon 2 of transcript AGAP011383-PA
JHU_Ag_49120	IPYVKPEADTVLNDFKR	AGAP011383-PA	-	56	1.86E-05	1	2005.084	4.45	Ovary	3L:+:23002287-23002337	exon=> In CDS Exon 2 of transcript AGAP011383-PA
JHU_Ag_71597	VLLDKQEGIAK	AGAP011383-PA	-	37	0.000930589	2	1213.717	1.81	Ovary	3L:+:23002482-23002514	exon=> In CDS Exon 2 of transcript AGAP011383-PA
JHU_Ag_83797	NELKPGLNVILK	AGAP011383-PA	-	28	0.001312933	2	1337.820	3.6	Ovary	3L:+:23002065-23002100	exon=> In CDS Exon 2 of transcript AGAP011383-PA
JHU_Ag_98557	QAQAATLEGIGR	AGAP011383-PA	-	42	0.000813224	2	1214.653	3.22	Head	3L:+:23002356-23002391	exon=> In CDS Exon 2 of transcript AGAP011383-PA
JHU_Ag_101404	QAQAATLEGIGR	AGAP011383-PA	-	75	4.55E-07	2	1214.649	0.31	Visceras	3L:+:23002356-23002391	exon=> In CDS Exon 2 of transcript AGAP011383-PA
JHU_Ag_34935	LFLCMPNSEKLD	AGAP011386-PA	C4(Carbamidomethyl), M5(Oxidation)	52	8.37E-05	1	1482.697	0.27	Male reproductive organs	3L:+:23270714-23270749	exon=> In CDS Exon 8 of transcript AGAP011386-PA
JHU_Ag_1974	TESAELLHDGKR	AGAP011387-PA	-	36	0.002761076	1	1355.692	0.14	Ovary	3L:-:23254037-23254002	exon=> In CDS Exon 1 of transcript AGAP011387-PA
JHU_Ag_6803	NLILSTSEDCTAK	AGAP011387-PA	C10(Carbamidomethyl)	41	0.00135261	2	1451.706	1.05	Midgut	3L:-:23253407-23253369	exon=> In CDS Exon 2 of transcript AGAP011387-PA
JHU_Ag_10321	NLILSTSEDCTAK	AGAP011387-PA	C10(Carbamidomethyl)	57	2.91E-05	2	1451.706	0.63	Ovary	3L:-:23253407-23253369	exon=> In CDS Exon 2 of transcript AGAP011387-PA
JHU_Ag_31779	RVECEDDNPNGITK	AGAP011387-PA	C4(Carbamidomethyl)	49	0.000125728	1	1646.747	1.62	Ovary	3L:-:23253674-23254727,23253339-23253552	exon=> In CDS Exon 2 and 1 of transcript AGAP011387-PA
JHU_Ag_33848	IFEVPAAGQ	AGAP011387-PA	-	39	0.002599069	1	931.490	1.5	Midgut	3L:-:23253368-23253342	exon=> In CDS Exon 2 of transcript AGAP011387-PA
JHU_Ag_112550	FTLDGHTNDIQSLSYDR	AGAP011387-PA	-	92	9.03E-09	1	1981.927	0.96	Ovary	3L:-:23253464-23253414	exon=> In CDS Exon 2 of transcript AGAP011387-PA
JHU_Ag_115570	SGTPLLEVDSTVGHK	AGAP011387-PA	-	57	2.13E-05	2	1539.811	6.54	Midgut	3L:-:23253953-23253909	exon=> In CDS Exon 1 of transcript AGAP011387-PA
JHU_Ag_33186	LALTPQPR	AGAP011393-PA	Q6(Deamidated)	25	0.012337534	1	896.531	12.08	Midgut	3L:-:23469602-23469579	exon=> In CDS Exon 1 of transcript AGAP011393-PA

JHU_Ag_99531	LALTPQPR	AGAP011393-PA	-	30	0.003345638	1	895.536	-0.44	Salivary gland	3L:-:23469602-23469579	exon=> In CDS Exon 1 of transcript AGAP011393-PA
JHU_Ag_13337	SNYQLHANETTISIPR	AGAP011394-PA	N-Term(Acetyl)	67	3.68E-06	2	1885.948	3.97	Head	3L:+:23473705-23473752	exon=> In CDS Exon 1 of transcript AGAP011394-PA
JHU_Ag_90997	SNYQLHANETTISIPR	AGAP011394-PA	N-Term(Acetyl)	117	3.70E-11	1	1885.946	2.87	Malpighian tubule	3L:+:23473705-23473752	exon=> In CDS Exon 1 of transcript AGAP011394-PA
JHU_Ag_95920	NLIIYGVPTENIQNVGALR	AGAP011394-PA	-	41	0.000343843	1	2084.162	5.62	Head	3L:+:23474407-23474452,23474602-23474612	exon=> In CDS Exon 1 and 2 of transcript AGAP011394-PA
JHU_Ag_105499	YRDFAELHDQLVSER	AGAP011394-PA	-	41	0.001632456	1	1877.922	4.28	Ovary	3L:+:23473831-23473875	exon=> In CDS Exon 1 of transcript AGAP011394-PA
JHU_Ag_292	VVLNQLDEVAGILGK	AGAP011396-PA	-	94	1.19E-09	2	1567.908	1.46	Head	3L:-:23624685-23624641	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_2104	RLDDLTDAAQR	AGAP011396-PA	-	39	0.002310706	1	1273.651	1.45	Male reproductive organs	3L:-:23623863-23623831	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_2125	IGEILDSDNAR	AGAP011396-PA	-	60	1.50E-05	2	1202.601	-0.29	Pupa	3L:-:23622285-23622253	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_2354	NRPDLIDWR	AGAP011396-PA	-	34	0.003711311	2	1184.616	-0.75	Visceras	3L:-:23665506-23665480	exon=> In CDS Exon 3 of transcript AGAP011396-PA
JHU_Ag_3332	VVLNQLDEVAGILGK	AGAP011396-PA	-	72	1.71E-07	2	1567.908	1.85	Pupa	3L:-:23624685-23624641	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_3658	FLNDSSNLEHELTALNEALEGR	AGAP011396-PA	-	78	2.37E-07	1	2472.211	4.17	Midgut	3L:-:23627550-23627485	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_3981	QLVLTGGDVLSAPEVAALETSGR	AGAP011396-PA	-	107	1.36E-10	1	2283.224	2.18	Head	3L:-:23628780-23628712	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_4331	ALQNTAEQANQADPISAHPPK	AGAP011396-PA	-	86	3.68E-08	1	2201.094	-0.38	Visceras	3L:-:23622150-23622088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_4567	ISLEEAALR	AGAP011396-PA	-	55	5.41E-05	2	1001.562	-0.15	Male reproductive organs	3L:-:23642447-23642421	exon=> In CDS Exon 13 of transcript AGAP011396-PA
JHU_Ag_4892	NLDLSAVHR	AGAP011396-PA	-	48	0.00016152	2	1024.555	1.48	Head	3L:-:23662982-23662956	exon=> In CDS Exon 6 of transcript AGAP011396-PA
JHU_Ag_6328	EDTIGLANSILGK	AGAP011396-PA	-	68	2.44E-06	1	1330.718	-2.28	Head	3L:-:23618875-23618837	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_7386	QLVLTGGDVLSAPEVAALETSGR	AGAP011396-PA	-	77	1.39E-07	2	2283.215	-1.99	Visceras	3L:-:23628780-23628712	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_7839	MLTVLGPISSDPR	AGAP011396-PA	M1(Oxidation)	57	3.23E-05	2	1401.742	0.92	Male reproductive organs	3L:-:23626356-23626318	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_8086	HGDGLITLK	AGAP011396-PA	-	42	0.000505037	2	953.540	-1.61	Head	3L:-:23634491-23634465	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_8105	ELASLPAEVFAQR	AGAP011396-PA	-	69	1.90E-06	2	1430.767	2.02	Pupa	3L:-:23627484-23627446	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_8449	LAEDGPVHGDLDTVTTLVEHHR	AGAP011396-PA	-	46	0.000327983	1	2411.198	1.27	Head	3L:-:23619298-23619233	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_8542	FDTSKLEMGAVADLFDR	AGAP011396-PA	M8(Oxidation)	46	0.000452287	1	1930.924	1.45	Visceras	3L:-:23615781-23615731	exon=> In CDS Exon 23 of transcript AGAP011396-PA
JHU_Ag_8627	IPPIGMSLPVVVER	AGAP011396-PA	M6(Oxidation)	38	0.000612446	2	1522.868	0.96	Male reproductive organs	3L:-:23639015-23638974	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_8791	VGGGWVALDEFLVK	AGAP011396-PA	-	79	1.28E-07	1	1489.811	3.73	Visceras	3L:-:23615405-23615364	exon=> In CDS Exon 24 of transcript AGAP011396-PA
JHU_Ag_8820	GTALNDTLGVAEK	AGAP011396-PA	-	59	2.20E-05	2	1288.676	1.3	Midgut	3L:-:23621883-23621845	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_8907	VAAVGKQYQTLQK	AGAP011396-PA	-	41	0.000295842	2	1433.814	2.26	Malpighian tubule	3L:-:23625849-23625811	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_9679	AQLADQPFLMK	AGAP011396-PA	M10(Oxidation)	66	4.21E-06	2	1277.656	0.21	Male reproductive organs	3L:-:23624016-23623984	exon=> In CDS Exon 17 of transcript AGAP011396-PA

JHU_Ag_10443	IYDVVDVLSK	AGAP011396-PA	-	36	0.001719 11	2	1150.639	3.26	Midgut	3L:-:23636591-23636562	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_10635	AMELVPTDEEK	AGAP011396-PA	M2(Oxidation)	50	0.000139 413	2	1277.594	0.79	Head	3L:-:23623728-23623696	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_10645	REMHFATILDR	AGAP011396-PA	M3(Oxidation)	59	2.75E-05	1	1404.703	-1.45	Head	3L:-:23662050-23662018	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_10742	YSQSEFTLDQGESLLR	AGAP011396-PA	-	86	3.88E-08	2	1872.900	1.33	Visceras	3L:-:23661807-23661760	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_10915	YVTITHTGEAPEGQPQVLLSFTEAVR	AGAP011396-PA	-	83	4.69E-08	1	2843.471	4.8	Head	3L:-:23640920-23640843	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_11638	GQQPQLNHLQEVGNAVLEHLR	AGAP011396-PA	-	131	7.07E-13	1	2380.256	3.19	Head	3L:-:23626266-23626204	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_11907	DPKLLER	AGAP011396-PA	-	51	5.10E-05	2	870.507	3.07	Malpighian tubule	3L:-:23625015-23624995	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_11925	MLTVLGPISSDPR	AGAP011396-PA	M1(Oxidation)	48	0.000195 108	2	1385.754	5.8	Head	3L:-:23626356-23626318	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_12072	TGEALMALVADDDAAK	AGAP011396-PA	-	88	2.68E-08	2	1590.772	2.33	Head	3L:-:23622333-23622286	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_12535	AGFIDNDSLSVRDPTDGQIVPLAVAIEK	AGAP011396-PA	-	63	2.84E-06	1	2940.545	4.7	Malpighian tubule	3L:-:23636081-23635998	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_12561	RFEAIVEQIQR	AGAP011396-PA	Q10(Deamidated)	40	0.001470 742	2	1389.736	-8.85	Malpighian tubule	3L:-:23622912-23622880	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_12926	NWISIIQSR	AGAP011396-PA	-	44	0.000436 653	2	1116.622	5.75	Visceras	3L:-:23618806-23618780	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_13064	LGELGVYDVEK	AGAP011396-PA	-	61	1.19E-05	2	1221.637	0.26	Male reproductive organs	3L:-:23636486-23636454	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_13515	GTALNDTLGVAEK	AGAP011396-PA	-	47	0.000348 08	2	1288.674	0.07	Male reproductive organs	3L:-:23621883-23621845	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_13667	DAITGQDKPLR	AGAP011396-PA	-	48	0.000217 723	2	1213.653	-0.59	Male reproductive organs	3L:-:23633690-23633658	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_13993	YSQSEFTLDQGESLLR	AGAP011396-PA	-	57	3.35E-05	2	1872.904	3.68	Ovary	3L:-:23661807-23661760	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_14321	TDANLDELKPIPGDPQLLEVELAK	AGAP011396-PA	-	54	2.50E-05	1	2618.388	-1.7	Midgut	3L:-:23620630-23620559	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_14401	FYDLHQHTQEDLGDVSDQLK	AGAP011396-PA	Q9(Deamidated)	163	6.11E-16	1	2388.103	-3.12	Head	3L:-:23624448-23624389	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_14441	LWDDVQDLSGR	AGAP011396-PA	-	54	6.14E-05	2	1303.625	-1.81	Male reproductive organs	3L:-:23619109-23619077	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_14785	TNNLAPVAVDVDAIK	AGAP011396-PA	-	51	5.97E-05	1	1539.846	5.02	Head	3L:-:23627178-23627134	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_14903	RDVTDTGVVR	AGAP011396-PA	-	61	1.13E-05	2	1117.592	-3.56	Head	3L:-:23627361-23627332	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_15253	LLDPEDVDTNEPDEK	AGAP011396-PA	-	84	5.65E-08	1	1728.788	4.2	Midgut	3L:-:23665401-23665665,23663676-23664356	exon=> In CDS Exon 4 and 3 of transcript AGAP011396-PA
JHU_Ag_15683	LEDPALFSNPSTTLADVLK	AGAP011396-PA	-	69	1.54E-06	1	2031.074	4.72	Head	3L:-:23639489-23639433	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_15825	TNNLAPVAVDVDAIK	AGAP011396-PA	-	49	8.44E-05	2	1539.841	2.16	Visceras	3L:-:23627178-23627134	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_15897	IHDEVK	AGAP011396-PA	-	43	0.000347 467	1	740.396	3.02	Head	3L:-:23615640-23615623	exon=> In CDS Exon 23 of transcript AGAP011396-PA
JHU_Ag_15927	IRDQIDENVALVQDIDK	AGAP011396-PA	-	86	2.68E-08	1	1984.034	-0.4	Head	3L:-:23622087-23622037	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_15962	FAAAAPDDESQAK	AGAP011396-PA	-	39	0.001819 447	2	1320.609	1.87	Pupa	3L:-:23618974-23618936	exon=> In CDS Exon 18 of transcript AGAP011396-PA

JHU_Ag_16120	DLDSLEHTVQILEDYKR	AGAP011396-PA	-	74	5.79E-07	1	2074.063	8.36	Ovary	3L:-:23660173-23660123	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_16391	NWISIIQSR	AGAP011396-PA	-	51	0.000112176	2	1116.617	0.94	Head	3L:-:23618806-23618780	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_16749	NTTDRYTDLVVASENIGHVLNESR	AGAP011396-PA	-	91	1.15E-08	1	2703.348	5.3	Head	3L:-:23623548-23623477	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_16889	LTDLFR	AGAP011396-PA	-	43	0.000438317	2	764.430	0.41	Head	3L:-:23615951-23615934	exon=> In CDS Exon 22 of transcript AGAP011396-PA
JHU_Ag_18244	DLDSLEHTVQILEDYKR	AGAP011396-PA	-	90	1.46E-08	1	2074.050	2.09	Visceras	3L:-:23660173-23660123	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_18481	HGSTLSLDSTDDATPSR	AGAP011396-PA	-	60	1.39E-05	2	1759.829	11.23	Visceras	3L:-:23605045-23604995	exon=> In CDS Exon 27 of transcript AGAP011396-PA
JHU_Ag_19841	ALQNTAEQANQADPISAHPPK	AGAP011396-PA	-	50	0.000130533	1	2201.094	-0.3	Male reproductive organs	3L:-:23622150-23622088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_19843	HAQDALPLVQQFHDSHLR	AGAP011396-PA	-	131	9.39E-13	1	2112.078	2.07	Ovary	3L:-:23623167-23623114	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_20043	ALQSEFLSQGR	AGAP011396-PA	-	54	7.41E-05	2	1235.636	-1.63	Pupa	3L:-:23628102-23628070	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_20056	LQNRPASLIK	AGAP011396-PA	-	27	0.004416009	1	1139.690	0.52	Head	3L:-:23627823-23627794	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_20542	TGLELER	AGAP011396-PA	-	57	4.04E-05	2	817.442	0.38	Head	3L:-:23619178-23619158	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_20556	AFPTTLIELK	AGAP011396-PA	-	29	0.005061771	2	1132.665	3.03	Head	3L:-:23664190-23664161	exon=> In CDS Exon 4 of transcript AGAP011396-PA
JHU_Ag_21057	VVLNQLDEVAGILGK	AGAP011396-PA	-	69	3.54E-07	2	1567.905	-0.33	Midgut	3L:-:23624685-23624641	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_21383	DLQDRPGQTTDR	AGAP011396-PA	-	46	0.000354071	1	1401.670	-1.54	Male reproductive organs	3L:-:23625573-23625538	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_21899	LLEWITR	AGAP011396-PA	-	48	0.000153606	2	930.541	0.64	Head	3L:-:23629021-23629001	exon=> In CDS Exon 16 of transcript AGAP011396-PA
JHU_Ag_22158	TLDTLAEETSNDAVK	AGAP011396-PA	-	106	4.71E-10	2	1606.784	2.04	Head	3L:-:23619631-23619587	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_22432	LLDPEDVDTNEPDEK	AGAP011396-PA	-	91	9.64E-09	1	1728.784	1.87	Head	3L:-:23665401-23665665,23663676-23664356	exon=> In CDS Exon 4 and 3 of transcript AGAP011396-PA
JHU_Ag_22684	ESTLSDLHNLPSQSDTVK	AGAP011396-PA	-	84	5.81E-08	1	1970.970	1.79	Head	3L:-:23628558-23628505	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_22903	GEALLVQSHPASK	AGAP011396-PA	-	56	2.45E-05	1	1336.723	0.71	Head	3L:-:23662017-23661979	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_23267	MSGSAGSGSNQTSSPIPTQGPIVK	AGAP011396-PA	M1(Oxidation)	44	0.000710442	1	2304.119	2.37	Head	3L:-:23608723-23608652	exon=> In CDS Exon 25 of transcript AGAP011396-PA
JHU_Ag_23592	SVHMLLEWLSEAEQK	AGAP011396-PA	M4(Oxidation)	47	0.000307979	1	1815.902	4.22	Larva	3L:-:23619025-23618981	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_24775	VLANDIHAHQSSVDTLNDAGR	AGAP011396-PA	Q10(Deamidated)	136	3.65E-13	1	2233.090	-2.6	Head	3L:-:23620552-23620490	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_24897	FYDLHQHTQEDLGDVSDQLK	AGAP011396-PA	-	103	7.33E-10	1	2388.118	3.4	Midgut	3L:-:23624448-23624389	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_25080	IESNLSDVTGR	AGAP011396-PA	-	36	0.004229339	2	1190.606	3.62	Head	3L:-:23627655-23627623	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_25249	TEADKIHDEVK	AGAP011396-PA	-	64	5.07E-06	1	1284.641	-1.78	Head	3L:-:23615655-23615623	exon=> In CDS Exon 23 of transcript AGAP011396-PA
JHU_Ag_25400	DTASDQLMALDVAVEK	AGAP011396-PA	M8(Oxidation)	132	9.22E-13	2	1721.832	3.57	Head	3L:-:23635664-23635617	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_25527	MVQSQVQQVQVLR	AGAP011396-PA	M1(Oxidation)	72	9.30E-07	2	1558.840	2.05	Male reproductive organs	3L:-:23626317-23626279	exon=> In CDS Exon 17 of transcript AGAP011396-PA

JHU_Ag_26309	EELNAFGETIAQLQHQATAIVPLK	AGAP011396-PA	-	51	4.50E-05	3	2621.403	3.59	Visceras	3L:-:23661741-23661670	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_26549	AGEQLVDCGFAPDTAQTR	AGAP011396-PA	C8(Carbamidomethyl)	100	1.37E-09	1	1935.885	-0.74	Visceras	3L:-:23624601-23624548	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_26591	LAEDGPVHGDLDTVTTLVEHHR	AGAP011396-PA	-	99	1.81E-09	1	2411.212	7.12	Ovary	3L:-:23619298-23619233	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_27448	LGVLFNK	AGAP011396-PA	-	40	0.000341311	2	790.482	0.04	Male reproductive organs	3L:-:23635979-23635959	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_27586	TSAEQAGAIREPLNAVNR	AGAP011396-PA	-	71	9.83E-07	1	1896.992	1.56	Head	3L:-:23620801-23620748	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_27599	QEIDQTKPEVEQVR	AGAP011396-PA	-	72	8.21E-07	1	1698.871	3.29	Head	3L:-:23621715-23621674	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_27753	RLLTDLNR	AGAP011396-PA	-	40	0.000956779	1	1000.586	-3.99	Head	3L:-:23664160-23664137	exon=> In CDS Exon 4 of transcript AGAP011396-PA
JHU_Ag_28482	GTAEIVDIPLR	AGAP011396-PA	-	38	0.000913637	2	1183.669	0.38	Male reproductive organs	3L:-:23638778-23638746	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_28797	QQVALQEIR	AGAP011396-PA	-	32	0.005463286	2	1084.614	3.18	Head	3L:-:23621742-23621716	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_28803	VETLIAQGQEYVR	AGAP011396-PA	-	70	1.20E-06	2	1505.801	3.36	Visceras	3L:-:23620186-23620148	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_29527	FSTSNQADTELR	AGAP011396-PA	-	92	9.24E-09	1	1368.638	-0.51	Head	3L:-:23616514-23616574,23615867-23616132	exon=> In CDS Exon 22 and 21 of transcript AGAP011396-PA
JHU_Ag_31582	TDANLDELKPIPGDPQLLEVELAK	AGAP011396-PA	-	145	1.85E-14	1	2618.402	3.48	Head	3L:-:23620630-23620559	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_32218	TNNLAPVAVDVDAIKFQIEEVRPLVK	AGAP011396-PA	-	23	0.005693675	1	2878.628	8.25	Malpighian tubule	3L:-:23627178-23627101	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_33519	DPTDGQIVPLAVAIEK	AGAP011396-PA	-	82	6.09E-08	2	1665.909	1.72	Head	3L:-:23636045-23635998	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_36111	AMEFHETLQNLLSFLK	AGAP011396-PA	M2(Oxidation)	34	0.007440462	1	1936.978	-3.06	Head	3L:-:23621526-23621479	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_36401	VNDFTSSWR	AGAP011396-PA	-	53	4.74E-05	2	1111.518	1.23	Head	3L:-:23665566-23665540	exon=> In CDS Exon 3 of transcript AGAP011396-PA
JHU_Ag_36770	GPAITTNLDDSNLR	AGAP011396-PA	-	86	4.02E-08	2	1486.749	-0.25	Head	3L:-:23670270-23670229	exon=> In CDS Exon 1 of transcript AGAP011396-PA
JHU_Ag_37086	TNNLAPVAVDVDAIK	AGAP011396-PA	-	46	0.000160807	2	1539.840	1.37	Male reproductive organs	3L:-:23627178-23627134	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_37213	TSVEPGTAPPRPESR	AGAP011396-PA	-	54	6.40E-05	1	1580.806	1.92	Head	3L:-:23602526-23602482	exon=> In CDS Exon 29 of transcript AGAP011396-PA
JHU_Ag_37289	VEQDIAAVGGPK	AGAP011396-PA	-	56	2.43E-05	2	1183.631	-0.45	Pupa	3L:-:23629000-23628965	exon=> In CDS Exon 16 of transcript AGAP011396-PA
JHU_Ag_37546	DPKLLER	AGAP011396-PA	-	51	5.36E-05	2	870.505	0.2	Salivary gland	3L:-:23625015-23624995	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_38390	FQIEEVRPLVK	AGAP011396-PA	-	45	0.0001637	2	1357.789	3.67	Midgut	3L:-:23627133-23627101	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_38626	SRLDVALK	AGAP011396-PA	-	34	0.003360215	2	901.545	-1.39	Head	3L:-:23619070-23619047	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_38689	RLDDLTDAAQR	AGAP011396-PA	-	62	1.11E-05	1	1273.646	-2.96	Head	3L:-:23623863-23623831	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_39021	TGTTTTTTTNGVSSR	AGAP011396-PA	N10(Deamidated)	76	2.97E-07	2	1485.704	0.85	Head	3L:-:23604919-23604875	exon=> In CDS Exon 27 of transcript AGAP011396-PA
JHU_Ag_39083	VFQVGEGK	AGAP011396-PA	-	42	0.000925808	1	863.463	0.87	Visceras	3L:-:23615583-23615560	exon=> In CDS Exon 23 of transcript AGAP011396-PA
JHU_Ag_39256	EYDKEDTIGLANSILGK	AGAP011396-PA	-	47	0.000306798	1	1865.955	2.98	Visceras	3L:-:23618887-23618837	exon=> In CDS Exon 18 of transcript AGAP011396-PA

JHU_Ag_40175	RGTALNDTLGVAEK	AGAP011396-PA	-	66	3.80E-06	1	1444.774	-0.98	Head	3L:-:23621886-23621845	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_40431	VTVAQALEQGIINAR	AGAP011396-PA	-	70	4.67E-07	1	1582.894	1.9	Head	3L:-:23641772-23641728	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_40440	VLETIQQQMEEHK	AGAP011396-PA	M9(Oxidation)	51	0.000107101	1	1628.800	3.26	Head	3L:-:23619928-23619890	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_40442	FQIEEVRPLVK	AGAP011396-PA	-	66	1.50E-06	1	1357.785	1.06	Head	3L:-:23627133-23627101	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_40449	NLLVSVQHR	AGAP011396-PA	-	66	1.11E-06	1	1065.617	0.1	Head	3L:-:23619781-23619755	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_41344	FAAAAPDDESQAK	AGAP011396-PA	-	60	1.21E-05	2	1320.606	-0.44	Visceras	3L:-:23618974-23618936	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_41354	HIEDLDNAWDNITALYAK	AGAP011396-PA	-	70	1.49E-06	3	2102.027	3.61	Head	3L:-:23621613-23621560	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_41729	FMEVYNELEENR	AGAP011396-PA	M2(Oxidation)	86	2.10E-08	1	1588.701	3.85	Head	3L:-:23620228-23620193	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_41767	FQNLGPLGSDIEAVK	AGAP011396-PA	-	46	0.000376795	2	1587.845	4.25	Visceras	3L:-:23621463-23621419	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_42299	LAAHDALGGAAK	AGAP011396-PA	-	89	1.42E-08	1	1094.591	-4.21	Head	3L:-:23625051-23625016	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_42935	FLNDSSNLEHELTALNEALEGR	AGAP011396-PA	-	55	4.38E-05	1	2472.215	5.95	Ovary	3L:-:23627550-23627485	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_43019	DVTDTGVVR	AGAP011396-PA	-	44	0.000784197	2	961.495	-0.29	Male reproductive organs	3L:-:23627358-23627332	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_43244	GGPSPLSPASGSSGFGSR	AGAP011396-PA	-	134	6.01E-13	1	1604.767	0.38	Head	3L:-:23626920-23626867	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_43688	LKEDLRPQYEATVR	AGAP011396-PA	-	38	0.001325081	1	1717.930	4.1	Malpighian tubule	3L:-:23627427-23627386	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_43778	RFEAIVEQIQR	AGAP011396-PA	-	84	3.90E-08	1	1388.766	0.9	Head	3L:-:23622912-23622880	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_44217	DYLGVLNDFR	AGAP011396-PA	-	60	1.33E-05	2	1211.605	-0.44	Head	3L:-:23628420-23628391	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_44276	YSQLLEALGDR	AGAP011396-PA	-	102	9.49E-10	2	1264.659	4.73	Head	3L:-:23627955-23627923	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_44363	QEVSLVTAQYR	AGAP011396-PA	-	66	3.29E-06	2	1293.680	-0.04	Visceras	3L:-:23628327-23628295	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_44391	VVLNQLDEVAGILGK	AGAP011396-PA	-	64	1.35E-06	2	1567.907	1.07	Ovary	3L:-:23624685-23624641	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_44402	VVEPLTGKIDELNR	AGAP011396-PA	-	53	2.96E-05	1	1582.881	0.43	Head	3L:-:23624313-23624272	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_44856	EQAQQLLYWCR	AGAP011396-PA	C10(Carbamidomethyl)	53	8.30E-05	2	1494.718	1.48	Visceras	3L:-:23664250-23664218	exon=> In CDS Exon 4 of transcript AGAP011396-PA
JHU_Ag_44938	HHETGELMTIPEAVDR	AGAP011396-PA	M8(Oxidation)	51	0.000105768	1	1850.868	-1.22	Head	3L:-:23641424-23641377	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_45022	LLEGALAGLEDNEQVISDLEGK	AGAP011396-PA	-	115	4.14E-11	1	2313.187	2.13	Head	3L:-:23659966-23659901	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_45131	IEDLHAR	AGAP011396-PA	-	41	0.00069049	1	853.449	-4.22	Head	3L:-:23624847-23624827	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_45896	DADPPAMTPK	AGAP011396-PA	-	40	0.000714921	2	1042.491	3.08	Head	3L:-:23622777-23622748	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_46233	LPHIEQISSSDSPIR	AGAP011396-PA	-	73	5.41E-07	1	1678.879	1.72	Head	3L:-:23628372-23628328	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_46428	LLGVDLNDLEQQVDSLHPPAR	AGAP011396-PA	-	112	6.18E-11	1	2329.221	2.88	Visceras	3L:-:23624757-23624695	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_46519	ALQSEFLSQGR	AGAP011396-PA	-	43	0.000881126	2	1235.637	-0.55	Salivary gland	3L:-:23628102-23628070	exon=> In CDS Exon 17 of transcript AGAP011396-PA

JHU_Ag_46951	GGPSPLSPASGSSGFGSR	AGAP011396-PA	-	62	9.11E-06	2	1604.768	0.98	Visceras	3L:-:23626920-23626867	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_46974	LGDFNEELR	AGAP011396-PA	-	45	0.000566048	2	1092.534	1.75	Male reproductive organs	3L:-:23625114-23625088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_47680	FLNDSSNLEHELTALNEALEGR	AGAP011396-PA	-	110	1.35E-10	1	2472.213	5.13	Head	3L:-:23627550-23627485	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_48390	ESSPEGQAVSTK	AGAP011396-PA	-	61	1.07E-05	1	1219.580	-0.01	Head	3L:-:23626203-23626168	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_48482	LSTEVLGSTLETTK	AGAP011396-PA	-	60	8.22E-06	2	1478.801	3.85	Head	3L:-:23670020-23669979	exon=> In CDS Exon 2 of transcript AGAP011396-PA
JHU_Ag_48548	KLTLEQAIAGK	AGAP011396-PA	-	39	0.000561 68	2	1171.703	-1.08	Male reproductive organs	3L:-:23634641-23634609	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_48647	VVLNQLDEVAGILGK	AGAP011396-PA	-	63	1.52E-06	2	1567.906	0.14	Salivary gland	3L:-:23624685-23624641	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_48703	QNALDQALQESAQFSDK	AGAP011396-PA	-	117	3.23E-11	2	1892.899	0.03	Head	3L:-:23622219-23622169	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_49077	LSVGSVSGR	AGAP011396-PA	-	68	2.30E-06	2	861.477	-1.95	Head	3L:-:23604946-23604920	exon=> In CDS Exon 27 of transcript AGAP011396-PA
JHU_Ag_49145	LLAEGDPADPQLR	AGAP011396-PA	-	72	7.64E-07	1	1394.729	1.02	Head	3L:-:23661267-23661229	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_49818	FQNLGPLGSDIEAVK	AGAP011396-PA	-	92	8.49E-09	2	1587.846	5.02	Head	3L:-:23621463-23621419	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_49825	VTEEMVANQKPPSADYK	AGAP011396-PA	M5(Oxidation)	81	1.17E-07	1	1922.920	1.98	Head	3L:-:23624076-23624026	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_49842	MKPVSSELEQIR	AGAP011396-PA	M1(Oxidation)	79	1.82E-07	1	1416.748	-2.73	Head	3L:-:23624385-23624350	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_50207	QDVILIK	AGAP011396-PA	-	34	0.003431 492	2	828.531	14.29	Visceras	3L:-:23619802-23619782	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_50290	LHDHMLYLQDVER	AGAP011396-PA	M5(Oxidation)	91	1.32E-08	1	1684.812	0.49	Head	3L:-:23616059-23616021	exon=> In CDS Exon 22 of transcript AGAP011396-PA
JHU_Ag_50426	ELQEALQTQEPPAAQPQAIQK	AGAP011396-PA	-	118	1.75E-11	1	2318.205	2.81	Head	3L:-:23621805-23621743	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_50492	DVQEYTEWCQSK	AGAP011396-PA	C9(Carbamidomethyl)	85	1.41E-08	1	1572.662	-0.88	Visceras	3L:-:23663427-23663392	exon=> In CDS Exon 5 of transcript AGAP011396-PA
JHU_Ag_51412	LSVGSVSGR	AGAP011396-PA	-	63	6.55E-06	2	861.479	-0.46	Visceras	3L:-:23604946-23604920	exon=> In CDS Exon 27 of transcript AGAP011396-PA
JHU_Ag_51855	FLNDSSNLEHELTALNEALEGR	AGAP011396-PA	-	74	5.24E-07	1	2472.210	3.95	Malpighian tubule	3L:-:23627550-23627485	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_52238	REENLIDAMEK	AGAP011396-PA	M9(Oxidation)	55	5.76E-05	2	1347.658	0.38	Head	3L:-:23621559-23621527	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_52826	DLDSLEHTVQILEDYKR	AGAP011396-PA	-	106	3.39E-10	1	2074.051	2.8	Midgut	3L:-:23660173-23660123	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_52832	LAAHDALGGAAK	AGAP011396-PA	-	58	1.80E-05	2	1094.596	0.25	Male reproductive organs	3L:-:23625051-23625016	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_53213	GSLEASTTQDKLQQLNK	AGAP011396-PA	-	40	0.001397 342	1	1860.965	-0.39	Visceras	3L:-:23620468-23620418	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_53298	GTALNDTLGVAEK	AGAP011396-PA	-	65	6.22E-06	2	1288.676	1.12	Head	3L:-:23621883-23621845	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_53526	VNDLGAQYDALIRPDSPTRK	AGAP011396-PA	-	124	4.84E-12	1	2229.157	-2.52	Head	3L:-:23627067-23627008	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_53751	DPKLLER	AGAP011396-PA	-	56	1.66E-05	2	870.507	2.51	Male reproductive organs	3L:-:23625015-23624995	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_53790	TTLPDRLPHIEQISSSDSPIR	AGAP011396-PA	Q12(Deamidated)	97	1.72E-09	1	2362.230	-2.44	Head	3L:-:23628390-23628328	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_54161	TLDTLAEETSNDAVK	AGAP011396-PA	-	97	3.91E-09	2	1606.785	2.87	Visceras	3L:-:23619631-23619587	exon=> In CDS Exon 18 of transcript AGAP011396-PA

JHU_Ag_54237	AEQLHAYENLK	AGAP011396-PA	-	72	9.58E-07	1	1315.666	1.38	Head	3L:-:23627250-23627218	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_54537	VLANDIHAHQSSVDTLNDAGR	AGAP011396-PA	-	35	0.004869495	1	2233.092	-1.57	Visceras	3L:-:23620552-23620490	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_54867	LLDPEDVDTNEPDEK	AGAP011396-PA	-	86	3.48E-08	2	1728.783	1.3	Visceras	3L:-:23665401-23665665,23663676-23664356	exon=> In CDS Exon 4 and 3 of transcript AGAP011396-PA
JHU_Ag_54977	VEQDIAAVGGPK	AGAP011396-PA	-	66	2.30E-06	2	1183.632	0.48	Head	3L:-:23629000-23628965	exon=> In CDS Exon 16 of transcript AGAP011396-PA
JHU_Ag_55516	VIEATVTELPDVIDGINR	AGAP011396-PA	-	78	1.09E-07	2	1954.054	2.62	Head	3L:-:23670201-23670148	exon=> In CDS Exon 1 of transcript AGAP011396-PA
JHU_Ag_56292	GTALNDTLGVAEK	AGAP011396-PA	-	44	0.000682774	2	1288.673	-1.35	Salivary gland	3L:-:23621883-23621845	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_56475	YSQSEFTLDQGESLLR	AGAP011396-PA	-	68	2.92E-06	2	1872.905	3.81	Malpighian tubule	3L:-:23661807-23661760	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_56546	QLHTSDYGSDLPSAK	AGAP011396-PA	-	82	1.03E-07	1	1618.775	2.8	Head	3L:-:23663312-23663268	exon=> In CDS Exon 6 of transcript AGAP011396-PA
JHU_Ag_57450	ELASLPAEVFAQR	AGAP011396-PA	-	82	9.51E-08	2	1430.766	1.76	Head	3L:-:23627484-23627446	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_58716	ALQSEFLSQGR	AGAP011396-PA	-	78	2.56E-07	2	1235.639	0.84	Visceras	3L:-:23628102-23628070	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_58797	YYENLMSELEK	AGAP011396-PA	-	31	0.008039296	2	1418.655	3.15	Head	3L:-:23662955-23663315,23661159-23662051	exon=> In CDS Exon 7 and 6 of transcript AGAP011396-PA
JHU_Ag_59414	QLELPSTQEGLYEVYK	AGAP011396-PA	-	77	3.35E-07	2	1896.962	1.69	Head	3L:-:23659891-23659844	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_62119	TLDTLAEETSNDAVK	AGAP011396-PA	-	111	1.38E-10	2	1606.781	0.06	Midgut	3L:-:23619631-23619587	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_62221	GSLEASTTQDKLQQLNK	AGAP011396-PA	-	44	0.000503744	1	1860.972	3.25	Head	3L:-:23620468-23620418	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_62234	ELQEALQTQEPPAAQPQAIQK	AGAP011396-PA	-	67	2.09E-06	1	2318.203	2.02	Visceras	3L:-:23621805-23621743	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_63270	ANALLDR	AGAP011396-PA	-	49	0.000165311	2	772.432	1.16	Head	3L:-:23628279-23628259	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_63387	LWDDVQDLSGR	AGAP011396-PA	-	54	6.84E-05	2	1303.631	2.31	Pupa	3L:-:23619109-23619077	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_63538	RIESNLSDVTGR	AGAP011396-PA	-	69	2.34E-06	2	1346.697	-3.82	Head	3L:-:23627658-23627623	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_63875	DLDSLEHTVQILEDYK	AGAP011396-PA	-	72	1.08E-06	1	1917.952	4.36	Head	3L:-:23660173-23660126	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_64231	FLNDSSNLEHELTALNEALEGR	AGAP011396-PA	-	124	6.52E-12	1	2472.208	3.28	Visceras	3L:-:23627550-23627485	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_65807	EFHSDVIAHQADLR	AGAP011396-PA	-	86	4.29E-08	1	1637.814	6.43	Midgut	3L:-:23628504-23628463	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_66304	RFEAIVEQIQR	AGAP011396-PA	-	44	0.000431953	2	1388.766	0.81	Visceras	3L:-:23622912-23622880	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_67437	RIESNLSDVTGR	AGAP011396-PA	-	54	6.52E-05	2	1346.704	1.17	Visceras	3L:-:23627658-23627623	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_67459	FITMSAQK	AGAP011396-PA	M4(Oxidation), Q7(Deamidated)	33	0.003954528	1	942.472	12.76	Head	3L:-:23628462-23628439	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_68254	YSQSEFTLDQGESLLR	AGAP011396-PA	-	109	2.14E-10	1	1872.905	4.2	Head	3L:-:23661807-23661760	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_68285	MVQSQVQQVQVLR	AGAP011396-PA	-	115	2.87E-11	1	1542.842	0.2	Head	3L:-:23626317-23626279	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_68631	FMEVYNELEENR	AGAP011396-PA	M2(Oxidation)	58	1.19E-05	2	1588.697	1.54	Male reproductive organs	3L:-:23620228-23620193	exon=> In CDS Exon 18 of transcript AGAP011396-PA

JHU_Ag_68705	DFLDTHDNLNTWLAAK	AGAP011396-PA	-	59	2.05E-05	1	1873.909	0.76	Visceras	3L:-:23626410-23626363	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_68931	EALQTISDNLDSLPTDRDHQETLR	AGAP011396-PA	-	103	6.55E-10	1	2767.368	6.83	Malpighian tubule	3L:-:23626047-23625976	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_68969	SPNVESTVEAGSELMK	AGAP011396-PA	M15(Oxidation)	72	1.06E-06	2	1693.799	2.15	Male reproductive organs	3L:-:23623314-23623267	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_69050	ALQNTAEQANQADPISAHPPK	AGAP011396-PA	-	44	0.000526713	1	2201.095	0.11	Pupa	3L:-:23622150-23622088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_69247	LTLEQAIAGK	AGAP011396-PA	-	46	0.000274046	2	1043.610	0.19	Male reproductive organs	3L:-:23634638-23634609	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_69711	VSSVLSDPIAADPQSVQDQMNQTK	AGAP011396-PA	M20(Oxidation)	59	1.98E-05	1	2574.239	1.55	Head	3L:-:23628174-23628103	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_69962	FSTSNQADTELR	AGAP011396-PA	-	92	9.06E-09	1	1368.641	1.45	Visceras	3L:-:23616514-23616574,23615867-23616132	exon=> In CDS Exon 22 and 21 of transcript AGAP011396-PA
JHU_Ag_70812	LTDLFR	AGAP011396-PA	-	43	0.000432303	2	764.431	1.05	Visceras	3L:-:23615951-23615934	exon=> In CDS Exon 22 of transcript AGAP011396-PA
JHU_Ag_70885	FMEVYNELEENR	AGAP011396-PA	M2(Oxidation)	73	3.90E-07	1	1588.694	-0.3	Midgut	3L:-:23620228-23620193	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_71145	LSPSEVSALEIPVEEVK	AGAP011396-PA	-	53	3.99E-05	2	1825.985	3.13	Visceras	3L:-:23628012-23627962	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_71215	DRQNALDQALQESAQFSDK	AGAP011396-PA	-	129	1.86E-12	1	2164.024	-1.25	Head	3L:-:23622225-23622169	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_71506	DPKLLER	AGAP011396-PA	-	51	5.43E-05	2	870.506	1.74	Visceras	3L:-:23625015-23624995	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_71918	DPKLLER	AGAP011396-PA	-	43	0.000292937	2	870.505	1.04	Pupa	3L:-:23625015-23624995	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_71974	VLANDIHAHQSSVDTLNDAGRK	AGAP011396-PA	-	64	6.60E-06	1	2361.188	-1.28	Head	3L:-:23620552-23620487	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_72368	DTQEEIDLNEAYVK	AGAP011396-PA	-	57	2.56E-05	2	1666.783	1.09	Male reproductive organs	3L:-:23635958-23635917	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_73054	LLVSAHRPTLQHQIDTHEPVYR	AGAP011396-PA	-	152	4.47E-15	1	2610.400	3.99	Head	3L:-:23625690-23625625	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_73573	MSGSAGSGSNQTSSPIPTQGPIVK	AGAP011396-PA	M1(Oxidation)	41	0.001485923	2	2304.105	-3.78	Visceras	3L:-:23608723-23608652	exon=> In CDS Exon 25 of transcript AGAP011396-PA
JHU_Ag_74204	LLEGALAGLEDNEQVISDLEGK	AGAP011396-PA	-	93	6.55E-09	2	2313.184	0.97	Visceras	3L:-:23659966-23659901	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_74850	LSGLSYPVQETTITK	AGAP011396-PA	-	49	0.000123312	2	1636.880	0.69	Head	3L:-:23663526-23663482	exon=> In CDS Exon 5 of transcript AGAP011396-PA
JHU_Ag_74957	LGQDLIR	AGAP011396-PA	-	42	0.00078984	2	814.478	0.26	Head	3L:-:23624271-23624251	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_75906	GPAITTNLDDSNLR	AGAP011396-PA	-	91	1.18E-08	2	1486.751	0.74	Visceras	3L:-:23670270-23670229	exon=> In CDS Exon 1 of transcript AGAP011396-PA
JHU_Ag_75925	DSILQQEVQR	AGAP011396-PA	-	60	1.62E-05	2	1215.635	1.42	Head	3L:-:23663962-23663933	exon=> In CDS Exon 4 of transcript AGAP011396-PA
JHU_Ag_76063	LLGVDLNDLEQQVDSLHPPAR	AGAP011396-PA	-	79	1.14E-07	1	2329.228	5.79	Pupa	3L:-:23624757-23624695	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_76302	TGFLLDAAR	AGAP011396-PA	-	47	0.000295371	2	963.525	-0.76	Male reproductive organs	3L:-:23641070-23641044	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_76565	FQNLGPLGSDIEAVKK	AGAP011396-PA	-	70	9.64E-07	2	1715.937	2.51	Visceras	3L:-:23621463-23621416	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_76582	HGSTLSLDSTDDATPSR	AGAP011396-PA	-	140	1.17E-13	2	1759.802	-4.17	Head	3L:-:23605045-23604995	exon=> In CDS Exon 27 of transcript AGAP011396-PA
JHU_Ag_76692	RGEFLEDTMSQLTK	AGAP011396-PA	M9(Oxidation)	78	2.27E-07	1	1654.806	-2.57	Head	3L:-:23627592-23627551	exon=> In CDS Exon 17 of transcript AGAP011396-PA

JHU_Ag_76854	VTVAQALEQGIINAR	AGAP011396-PA	-	55	1.41E-05	2	1582.892	0.66	Male reproductive organs	3L:-:23641772-23641728	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_77102	IAQQWDR	AGAP011396-PA	-	53	6.40E-05	2	916.468	4.29	Head	3L:-:23625513-23625493	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_78020	VFQVGEGK	AGAP011396-PA	-	44	0.000641979	2	863.463	0.65	Male reproductive organs	3L:-:23615583-23615560	exon=> In CDS Exon 23 of transcript AGAP011396-PA
JHU_Ag_78073	QEVSLVTAQYR	AGAP011396-PA	-	64	5.41E-06	2	1293.681	1	Head	3L:-:23628327-23628295	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_78287	LQALPTATSAR	AGAP011396-PA	-	35	0.003258956	1	1128.638	0.91	Visceras	3L:-:23659491-23659459	exon=> In CDS Exon 9 of transcript AGAP011396-PA
JHU_Ag_78391	TELDTFSSWLQSSR	AGAP011396-PA	-	102	9.61E-10	2	1656.791	2.49	Visceras	3L:-:23628618-23628577	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_78970	HLQETFR	AGAP011396-PA	-	41	0.001166251	1	930.478	-1.23	Head	3L:-:23660092-23660072	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_79165	HISSDEALQLK	AGAP011396-PA	-	89	1.40E-08	1	1240.651	-2.16	Head	3L:-:23623266-23623234	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_79231	AGEQLVDCGFAPDTAQTR	AGAP011396-PA	C8(Carbamidomethyl)	106	2.94E-10	2	1935.888	0.52	Head	3L:-:23624601-23624548	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_79566	TLDTLAEETSNDAVK	AGAP011396-PA	-	59	2.41E-05	2	1606.782	0.59	Pupa	3L:-:23619631-23619587	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_79848	SSLSASTPDSLSDNESGIGTPGR	AGAP011396-PA	-	99	2.05E-09	2	2235.045	3.35	Head	3L:-:23605332-23605264	exon=> In CDS Exon 26 of transcript AGAP011396-PA
JHU_Ag_80193	TLNITTEYLER	AGAP011396-PA	-	64	5.42E-06	2	1352.707	1.23	Male reproductive organs	3L:-:23640635-23640603	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_80325	VVLNQLDEVAGILGK	AGAP011396-PA	-	66	6.14E-07	2	1567.912	4.11	Visceras	3L:-:23624685-23624641	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_80500	HASNFTGEELQLYR	AGAP011396-PA	-	128	2.77E-12	1	1664.798	-2.92	Head	3L:-:23663192-23663151	exon=> In CDS Exon 6 of transcript AGAP011396-PA
JHU_Ag_81003	KPISLADALLR	AGAP011396-PA	-	31	0.001321661	3	1196.733	-2.59	Head	3L:-:23635310-23635278	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_81068	LEMGAVADLFDR	AGAP011396-PA	M3(Oxidation)	77	3.71E-07	2	1352.653	1.33	Head	3L:-:23615766-23615731	exon=> In CDS Exon 23 of transcript AGAP011396-PA
JHU_Ag_81179	LLDNVQHSLDALLK	AGAP011396-PA	-	49	6.56E-05	1	1578.891	3.64	Midgut	3L:-:23628069-23628028	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_81471	QQVALQEIR	AGAP011396-PA	-	45	0.00028937	2	1084.611	-0.09	Visceras	3L:-:23621742-23621716	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_82457	IDPSLVQLVDPANPAGEK	AGAP011396-PA	-	61	8.08E-06	2	1862.988	1.16	Male reproductive organs	3L:-:23639996-23639943	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_82659	IGLNEALQR	AGAP011396-PA	-	54	2.82E-05	2	1013.574	-0.33	Male reproductive organs	3L:-:23638463-23638437	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_82680	NIVEGLDGDIR	AGAP011396-PA	-	41	0.001040365	2	1200.624	1.35	Visceras	3L:-:23663797-23663765	exon=> In CDS Exon 4 of transcript AGAP011396-PA
JHU_Ag_82844	GILDLHGTNMIFVPIAR	AGAP011396-PA	M10(Oxidation)	38	0.001150328	1	1883.028	3.62	Head	3L:-:23639348-23639298	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_83257	YSLVGAR	AGAP011396-PA	-	36	0.00257086	2	765.426	0.41	Head	3L:-:23626791-23626771	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_84627	TELDTFSSWLQSSR	AGAP011396-PA	-	111	1.08E-10	2	1656.789	1.46	Head	3L:-:23628618-23628577	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_85030	EDLRPQYEATVR	AGAP011396-PA	-	34	0.006665817	1	1476.745	0.82	Head	3L:-:23627421-23627386	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_85299	LLDNVQHSLDALLK	AGAP011396-PA	-	31	0.003781757	2	1578.886	0.7	Visceras	3L:-:23628069-23628028	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_85313	TNNLAPVAVDVDAIKFQIEEVRPLVK	AGAP011396-PA	-	43	7.13E-05	1	2878.618	5.03	Head	3L:-:23627178-23627101	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_85727	ALQSEFLSQGR	AGAP011396-PA	-	78	2.39E-07	2	1235.638	-0.25	Male reproductive organs	3L:-:23628102-23628070	exon=> In CDS Exon 17 of transcript AGAP011396-PA

JHU_Ag_86918	FVDECKDYLGVLNDFR	AGAP011396-PA	C5(Carbamidomethyl)	64	6.60E-06	1	1989.938	0.13	Visceras	3L:-:23628438-23628391	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_87771	LNALWGDLQK	AGAP011396-PA	-	52	9.80E-05	2	1157.635	3.38	Visceras	3L:-:23621928-23621899	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_87785	TELDTFSSWLQSSR	AGAP011396-PA	-	111	1.33E-10	2	1656.791	2.71	Pupa	3L:-:23628618-23628577	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_88535	ALQSEFLSQGR	AGAP011396-PA	-	89	2.14E-08	2	1235.635	-2.13	Head	3L:-:23628102-23628070	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_89179	LLVSAHRPTLQHQIDTHEPVYR	AGAP011396-PA	-	32	0.004444405	1	2610.390	-0.08	Visceras	3L:-:23625690-23625625	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_89415	TGSNLMSLCGEPDKPEVK	AGAP011396-PA	M6(Oxidation), C9(Carbamidomethyl)	56	3.50E-05	1	1977.930	2.15	Head	3L:-:23621670-23621617	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_89770	GGPSPLSPASGSSGFGSR	AGAP011396-PA	-	57	2.86E-05	2	1604.769	1.44	Male reproductive organs	3L:-:23626920-23626867	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_89773	TLGWLSGELGNLTDR	AGAP011396-PA	-	99	2.42E-09	2	1631.843	2.74	Head	3L:-:23625735-23625691	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_90980	YTDLVVASENIGHVLNESR	AGAP011396-PA	-	50	0.000123568	1	2116.074	3.43	Malpighian tubule	3L:-:23623533-23623477	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_92158	ELNTQAGLHGDR	AGAP011396-PA	-	57	2.98E-05	2	1310.639	-4.65	Head	3L:-:23660008-23659973	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_92180	RLDVGLLQSGK	AGAP011396-PA	-	75	2.13E-07	1	1185.694	-0.57	Head	3L:-:23624148-23624116	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_92251	FMEVYNELEENR	AGAP011396-PA	M2(Oxidation)	66	2.05E-06	2	1588.699	2.31	Visceras	3L:-:23620228-23620193	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_92473	DLQDRPGQTTDR	AGAP011396-PA	Q3(Deamidated)	39	0.001325112	1	1402.654	-0.93	Head	3L:-:23625573-23625538	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_93325	HATDYHSFFDEVR	AGAP011396-PA	-	87	1.11E-08	1	1623.717	-0.84	Head	3L:-:23661894-23661856	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_93551	LSPSEVSALEIPVEEVKDK	AGAP011396-PA	-	32	0.004749648	1	2069.108	3.07	Head	3L:-:23628012-23627956	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_93733	LEMGAVADLFDR	AGAP011396-PA	-	56	5.26E-05	2	1336.658	1.2	Visceras	3L:-:23615766-23615731	exon=> In CDS Exon 23 of transcript AGAP011396-PA
JHU_Ag_93735	LSPSEVSALEIPVEEVK	AGAP011396-PA	-	53	4.84E-05	2	1825.981	0.93	Pupa	3L:-:23628012-23627962	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_94669	LLEWITR	AGAP011396-PA	-	34	0.004076673	2	930.540	-1.26	Pupa	3L:-:23629021-23629001	exon=> In CDS Exon 16 of transcript AGAP011396-PA
JHU_Ag_94993	DVQEYTEWCQSK	AGAP011396-PA	C9(Carbamidomethyl)	95	1.75E-09	1	1572.668	3	Head	3L:-:23663427-23663392	exon=> In CDS Exon 5 of transcript AGAP011396-PA
JHU_Ag_94996	LLGVDLNDLEQQVDSLHPPAR	AGAP011396-PA	-	91	7.79E-09	1	2329.211	-1.6	Midgut	3L:-:23624757-23624695	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_95358	TGEALMALVADDDAAK	AGAP011396-PA	-	40	0.001689368	2	1590.772	2.56	Visceras	3L:-:23622333-23622286	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_95379	VNDLGAQYDALIRPDSPTR	AGAP011396-PA	-	125	4.36E-12	1	2101.070	1.19	Visceras	3L:-:23627067-23627011	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_95471	LQALPTATSAR	AGAP011396-PA	-	33	0.006084404	2	1128.642	4.48	Head	3L:-:23659491-23659459	exon=> In CDS Exon 9 of transcript AGAP011396-PA
JHU_Ag_96253	RGEAFAAVQR	AGAP011396-PA	-	50	0.000157519	1	1104.586	-4.81	Head	3L:-:23622036-23622007	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_96298	DYQESLEKVR	AGAP011396-PA	-	42	0.000954727	2	1266.637	3.66	Malpighian tubule	3L:-:23628231-23628202	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_96447	TGLELER	AGAP011396-PA	-	42	0.001308941	2	817.442	0.38	Visceras	3L:-:23619178-23619158	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_96529	IENLER	AGAP011396-PA	-	37	0.004077881	2	773.417	2.1	Salivary gland	3L:-:23625972-23625955	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_96711	IYDVVDVLSK	AGAP011396-PA	-	57	1.58E-05	2	1150.635	-0.56	Male reproductive organs	3L:-:23636591-23636562	exon=> In CDS Exon 15 of transcript AGAP011396-PA

JHU_Ag_97035	TSAEQAGAIREPLNAVNR	AGAP011396-PA	-	59	1.52E-05	1	1896.988	-0.18	Male reproductive organs	3L:-:23620801-23620748	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_97100	SSLSASTPDSLSDNESGIGTPGR	AGAP011396-PA	-	117	3.21E-11	2	2235.036	-0.58	Visceras	3L:-:23605332-23605264	exon=> In CDS Exon 26 of transcript AGAP011396-PA
JHU_Ag_97128	QLEGQRPLLADSEAAAETLCR	AGAP011396-PA	C20(Carbamidomethyl)	50	0.000166156	1	2328.163	0.92	Head	3L:-:23625954-23625892	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_97597	QEIDQTKPEVEQVRR	AGAP011396-PA	-	48	0.00019603	1	1854.967	-0.07	Visceras	3L:-:23621715-23621671	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_98028	LSPSEVSALEIPVEEVK	AGAP011396-PA	-	123	3.88E-12	1	1825.984	2.73	Head	3L:-:23628012-23627962	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_98206	ALQNTAEQANQADPISAHPPK	AGAP011396-PA	-	61	9.86E-06	1	2201.112	8.02	Midgut	3L:-:23622150-23622088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_98273	VNDLGAQYDALIRPDSPTR	AGAP011396-PA	-	101	1.01E-09	1	2101.074	3.37	Head	3L:-:23627067-23627011	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_98479	VTVAQALEQGIINAR	AGAP011396-PA	-	50	3.89E-05	2	1582.891	-0.03	Midgut	3L:-:23641772-23641728	exon=> In CDS Exon 14 of transcript AGAP011396-PA
JHU_Ag_98497	EFHSDVIAHQADLR	AGAP011396-PA	-	90	1.99E-08	1	1637.802	-0.42	Visceras	3L:-:23628504-23628463	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_99682	VETLIAQGQEYVR	AGAP011396-PA	-	87	2.54E-08	1	1505.799	1.98	Head	3L:-:23620186-23620148	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_100268	RDEILNSK	AGAP011396-PA	-	53	8.43E-05	1	974.524	-2.3	Head	3L:-:23661831-23661808	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_101042	LLDPEDVDTNEPDEK	AGAP011396-PA	-	43	0.000630979	1	1728.791	5.47	Larva	3L:-:23665401-23665665,23663676-23664356	exon=> In CDS Exon 4 and 3 of transcript AGAP011396-PA
JHU_Ag_102499	HVTHSLIDVLSR	AGAP011396-PA	-	41	0.000525177	2	1376.773	5.8	Ovary	3L:-:23635598-23635563	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_102587	LWDDVQDLSGR	AGAP011396-PA	-	80	1.77E-07	1	1303.630	1.38	Visceras	3L:-:23619109-23619077	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_102792	YTDLVVASENIGHVLNESR	AGAP011396-PA	-	56	3.33E-05	1	2116.072	2.16	Ovary	3L:-:23623533-23623477	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_102937	YTDLVVASENIGHVLNESR	AGAP011396-PA	-	114	5.70E-11	1	2116.069	1.09	Head	3L:-:23623533-23623477	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_103977	EVFIDGIIGTK	AGAP011396-PA	-	46	0.000188562	2	1191.667	4.51	Visceras	3L:-:23615897-23616156,23615554-23615782	exon=> In CDS Exon 23 and 22 of transcript AGAP011396-PA
JHU_Ag_104323	SPNVESTVEAGSELMK	AGAP011396-PA	M15(Oxidation)	80	1.31E-07	2	1677.798	-1.37	Head	3L:-:23623314-23623267	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_104396	DLDSLEHTVQILEDYKR	AGAP011396-PA	-	113	7.33E-11	1	2074.048	1.21	Head	3L:-:23660173-23660123	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_105074	LIQNLQANHAVTSVQETVAAFHTITTK	AGAP011396-PA	-	155	1.12E-15	1	2935.573	3.05	Head	3L:-:23638700-23638620	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_105096	VETLIAQGQEYVR	AGAP011396-PA	-	44	0.000556068	2	1505.795	-0.29	Midgut	3L:-:23620186-23620148	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_105157	HISSDEALQLK	AGAP011396-PA	-	47	0.000220389	2	1240.655	1.58	Visceras	3L:-:23623266-23623234	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_105234	EHEQLHDEILSK	AGAP011396-PA	-	41	0.001380531	2	1477.726	-1.66	Head	3L:-:23623677-23623642	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_105417	GLIEPEKSNVLDTASSK	AGAP011396-PA	-	47	0.000235077	1	1787.937	-0.71	Male reproductive organs	3L:-:23633015-23632965	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_105419	ELASLPAEVFAQR	AGAP011396-PA	-	72	9.78E-07	2	1430.767	2.19	Visceras	3L:-:23627484-23627446	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_105620	EHEVIMLLNK	AGAP011396-PA	M6(Oxidation)	43	0.000533668	2	1241.659	2.39	Head	3L:-:23625609-23625580	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_105890	ELSLIELVYR	AGAP011396-PA	-	53	4.04E-05	2	1234.700	-3.81	Midgut	3L:-:23641118-23641089	exon=> In CDS Exon 14 of transcript AGAP011396-PA

JHU_Ag_106104	FAAAAPDDESQAK	AGAP011396-PA	-	71	9.88E-07	2	1320.606	-0.17	Head	3L:-:23618974-23618936	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_106360	DGLAFSALIHR	AGAP011396-PA	-	65	3.34E-06	2	1199.653	-0.16	Visceras	3L:-:23665539-23665507	exon=> In CDS Exon 3 of transcript AGAP011396-PA
JHU_Ag_106745	YTDLVVASENIGHVLNESR	AGAP011396-PA	-	106	3.03E-10	1	2116.067	0.05	Visceras	3L:-:23623533-23623477	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_107126	LLDNVQHSLDALLK	AGAP011396-PA	-	97	9.63E-10	1	1578.889	2.48	Head	3L:-:23628069-23628028	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_107276	EELNAFGETIAQLQHQATAIVPLK	AGAP011396-PA	-	71	4.71E-07	1	2621.404	4.01	Head	3L:-:23661741-23661670	exon=> In CDS Exon 7 of transcript AGAP011396-PA
JHU_Ag_107533	LAEDGPVHGDLDTVTTLVEHHR	AGAP011396-PA	-	116	3.89E-11	1	2411.207	4.77	Visceras	3L:-:23619298-23619233	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_107769	SGQFSSTTTPER	AGAP011396-PA	-	63	6.36E-06	1	1297.602	0.41	Male reproductive organs	3L:-:23634962-23634927	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_108210	MVQSQVQQVQVLR	AGAP011396-PA	M1(Oxidation)	58	1.89E-05	2	1558.839	1.11	Visceras	3L:-:23626317-23626279	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_108269	LGQDLIR	AGAP011396-PA	-	51	6.58E-05	2	814.476	-2.37	Visceras	3L:-:23624271-23624251	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_108410	FQEALDGLSEWLK	AGAP011396-PA	-	73	1.00E-06	2	1535.778	2.45	Head	3L:-:23624115-23624077	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_109047	TGTTTTTTTNGVSSR	AGAP011396-PA	N10(Deamidated)	57	2.57E-05	2	1485.701	-0.96	Visceras	3L:-:23604919-23604875	exon=> In CDS Exon 27 of transcript AGAP011396-PA
JHU_Ag_109436	DLDHAVGR	AGAP011396-PA	-	33	0.006970618	2	882.444	1.04	Head	3L:-:23625087-23625064	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_109781	LWDDVQDLSGR	AGAP011396-PA	-	80	1.81E-07	2	1303.629	0.63	Head	3L:-:23619109-23619077	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_109820	GLLNDLESHR	AGAP011396-PA	-	78	1.90E-07	1	1153.597	0.68	Head	3L:-:23627760-23627731	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_110029	AAGGDGDHLK	AGAP011396-PA	-	56	2.78E-05	2	940.449	0.53	Head	3L:-:23624904-23624875	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_110338	FRHEILNEK	AGAP011396-PA	-	51	8.42E-05	1	1185.628	-7.65	Head	3L:-:23670228-23670202	exon=> In CDS Exon 1 of transcript AGAP011396-PA
JHU_Ag_110411	TTFHTSLVQK	AGAP011396-PA	-	57	3.19E-05	1	1161.621	-4.85	Head	3L:-:23663556-23663527	exon=> In CDS Exon 5 of transcript AGAP011396-PA
JHU_Ag_110464	ITFSEHLR	AGAP011396-PA	-	41	0.001561395	2	1002.536	-0.26	Head	3L:-:23626434-23626411	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_111177	EQAQQLLYWCR	AGAP011396-PA	C10(Carbamidomethyl)	73	8.70E-07	1	1494.723	4.99	Head	3L:-:23664250-23664218	exon=> In CDS Exon 4 of transcript AGAP011396-PA
JHU_Ag_111503	YVWMLAWER	AGAP011396-PA	M4(Oxidation)	40	0.001446496	2	1253.614	0.15	Head	3L:-:23616095-23616069	exon=> In CDS Exon 22 of transcript AGAP011396-PA
JHU_Ag_111570	SINDDISSQK	AGAP011396-PA	-	41	0.00161749	2	1106.536	2.82	Head	3L:-:23622717-23622688	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_112101	VGGGWVALDEFLVK	AGAP011396-PA	-	74	4.80E-07	1	1489.810	3.57	Head	3L:-:23615405-23615364	exon=> In CDS Exon 24 of transcript AGAP011396-PA
JHU_Ag_112420	EFHSDVIAHQADLR	AGAP011396-PA	-	71	1.26E-06	2	1637.796	-4.23	Head	3L:-:23628504-23628463	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_112652	EALQTISDNLDSLPTDRDHQETLR	AGAP011396-PA	Q20(Deamidated)	110	1.46E-10	1	2767.355	2.13	Head	3L:-:23626047-23625976	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_112850	FSTSNQADTELR	AGAP011396-PA	-	60	1.35E-05	1	1368.639	0.2	Male reproductive organs	3L:-:23616514-23616574,23615867-23616132	exon=> In CDS Exon 22 and 21 of transcript AGAP011396-PA
JHU_Ag_112882	ALQSEFLSQGR	AGAP011396-PA	-	53	8.69E-05	2	1235.644	4.59	Malpighian tubule	3L:-:23628102-23628070	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_113009	KPISLADALLR	AGAP011396-PA	-	29	0.002356527	1	1196.737	0.76	Salivary gland	3L:-:23635310-23635278	exon=> In CDS Exon 15 of transcript AGAP011396-PA

JHU_Ag_113045	RKPDVQGAER	AGAP011396-PA	-	43	0.000361834	2	1155.619	-3.05	Head	3L:-:23626530-23626501	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_113289	IREHEQLHDEILSK	AGAP011396-PA	-	70	1.23E-06	1	1746.913	-0.26	Head	3L:-:23623683-23623642	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_113350	LLGVDLNDLEQQVDSLHPPAR	AGAP011396-PA	-	108	1.46E-10	1	2329.226	4.77	Head	3L:-:23624757-23624695	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_113438	IGEILDSDNAR	AGAP011396-PA	-	50	0.000154926	1	1202.601	-0.18	Visceras	3L:-:23622285-23622253	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_114790	EQFILADGVSQSMAAFKPR	AGAP011396-PA	-	37	0.003040039	1	2095.069	2.09	Visceras	3L:-:23608780-23608724	exon=> In CDS Exon 25 of transcript AGAP011396-PA
JHU_Ag_114925	RLGDFNEELR	AGAP011396-PA	-	44	0.000687613	2	1248.631	-2.12	Head	3L:-:23625117-23625088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_114966	IYHPESGQLLTLR	AGAP011396-PA	-	39	0.000976109	1	1526.833	0.14	Head	3L:-:23639240-23639202	exon=> In CDS Exon 15 of transcript AGAP011396-PA
JHU_Ag_115736	ALQNTAEQANQADPISAHPPK	AGAP011396-PA	-	85	4.58E-08	1	2201.100	2.61	Head	3L:-:23622150-23622088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_115931	LSLLKPGLLK	AGAP011396-PA	-	31	0.000151367	3	1081.734	-0.47	Visceras	3L:-:23625375-23625346	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_116628	TLDTLAEETSNDAVK	AGAP011396-PA	-	47	0.000322878	2	1606.781	0.21	Male reproductive organs	3L:-:23619631-23619587	exon=> In CDS Exon 18 of transcript AGAP011396-PA
JHU_Ag_117137	LGDFNEELR	AGAP011396-PA	-	37	0.003434139	2	1092.533	0.74	Visceras	3L:-:23625114-23625088	exon=> In CDS Exon 17 of transcript AGAP011396-PA
JHU_Ag_117680	DLDSLEHTVQILEDYKR	AGAP011396-PA	-	57	2.56E-05	1	2074.053	3.68	Malpighian tubule	3L:-:23660173-23660123	exon=> In CDS Exon 8 of transcript AGAP011396-PA
JHU_Ag_96573	QIEQLK	AGAP011396-PA,AGAP003779-PA	-	44	0.000903954	2	758.452	14.34	Midgut	3L:-:23621415-23621398;2R:-:43163483-43163466	exon=> In CDS Exon 17 of transcript AGAP011396-PA;exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_105525	QIEQLK	AGAP011396-PA,AGAP003779-PA	Q4(Deamidated)	46	0.000649853	2	759.432	9.33	Head	3L:-:23621415-23621398;2R:-:43163483-43163466	exon=> In CDS Exon 17 of transcript AGAP011396-PA;exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_114704	QIEQLK	AGAP011396-PA,AGAP003779-PA	-	55	7.03E-05	2	758.452	14.58	Salivary gland	3L:-:23621415-23621398;2R:-:43163483-43163466	exon=> In CDS Exon 17 of transcript AGAP011396-PA;exon=> In CDS Exon 1 of transcript AGAP003779-PA
JHU_Ag_44432	FHMLQNAQMALDFLR	AGAP011397-PA	M3(Oxidation), M9(Oxidation)	36	0.003563519	3	1866.909	5.39	Larva	3L:-:23687529-23687485	exon=> In CDS Exon 3 of transcript AGAP011397-PA
JHU_Ag_61762	FHMLQNAQMALDFLR	AGAP011397-PA	M3(Oxidation), M9(Oxidation)	42	0.000819094	3	1866.902	1.47	Visceras	3L:-:23687529-23687485	exon=> In CDS Exon 3 of transcript AGAP011397-PA
JHU_Ag_62821	SSGAEHHQR	AGAP011399-PA	Q8(Deamidated)	29	0.008092353	2	1009.446	1.21	Head	3L:-:23827337-23827311	exon=> In CDS Exon 4 of transcript AGAP011399-PA
JHU_Ag_98278	KLPRPEEFPELAGGANGK	AGAP011399-PA	N16(Deamidated)	56	3.11E-05	1	1911.006	4.82	Ovary	3L:-:23827304-23827251	exon=> In CDS Exon 4 of transcript AGAP011399-PA
JHU_Ag_6467	LDTLLK	AGAP011403-PA	-	32	0.004986704	1	702.442	3.54	Larva	3L:-:23871718-23871701	exon=> In CDS Exon 1 of transcript AGAP011403-PA
JHU_Ag_30506	LLLPLVK	AGAP011408-PA	-	31	0.000164828	1	795.571	0.41	Head	3L:-:23901650-23901630	exon=> In CDS Exon 1 of transcript AGAP011408-PA
JHU_Ag_97962	VQLNAHMKK	AGAP011410-PA	Q2(Deamidated), N4(Deamidated)	36	0.002562331	1	1070.572	5.35	Pupa	3L:-:23915612-23915586	exon=> In CDS Exon 15 of transcript AGAP011410-PA
JHU_Ag_116977	VQLNAHMKK	AGAP011410-PA	Q2(Deamidated), N4(Deamidated)	41	0.000669401	1	1070.575	8.43	Larva	3L:-:23915612-23915586	exon=> In CDS Exon 15 of transcript AGAP011410-PA
JHU_Ag_50168	YISLLRPPITESTAPGAEIIDK	AGAP011414-PA	-	47	5.60E-05	1	2384.322	6.23	Head	3L:+:24021427-24021492	exon=> In CDS Exon 5 of transcript AGAP011414-PA

JHU_Ag_52871	VQNAYELSQDLLDK	AGAP011421-PA	Q2(Deamidated)	41	0.001179772	2	1636.825	11.29	Head	3L:+:24381670-24381680,24396616-24396646	exon=> In CDS Exon 2 and 3 of transcript AGAP011421-PA
JHU_Ag_9710	IVIVDNSPASYIFHPDNAVPVK	AGAP011422-PA	-	73	2.97E-07	2	2395.285	7.93	Head	3L:-:24429129-24429229,24427151-24427283	exon=> In CDS Exon 4 and 3 of transcript AGAP011422-PA
JHU_Ag_21701	ESCVFHMGNYVKDLNK	AGAP011422-PA	C3(Carbamidomethyl), N9(Deamidated)	36	0.003451555	1	1941.899	7.84	Pupa	3L:-:24429198-24429151	exon=> In CDS Exon 3 of transcript AGAP011422-PA
JHU_Ag_22600	RPHVDEFLK	AGAP011422-PA	-	34	0.004100037	1	1140.615	-1.16	Head	3L:-:24429418-24429392	exon=> In CDS Exon 2 of transcript AGAP011422-PA
JHU_Ag_79371	IVIVDNSPASYIFHPDNAVPVK	AGAP011422-PA	-	41	0.000636041	1	2395.264	-0.89	Midgut	3L:-:24429129-24429229,24427151-24427283	exon=> In CDS Exon 4 and 3 of transcript AGAP011422-PA
JHU_Ag_671	TYEEANK	AGAP011423-PA	-	36	0.001342378	1	854.390	1.12	Male reproductive organs	3L:+:24477141-24477161	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_2787	ATEGPIVADK	AGAP011423-PA	-	48	0.000198345	2	1000.532	0.59	Head	3L:+:24476637-24476666	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_19049	KDATEYLR	AGAP011423-PA	-	41	0.001036517	2	995.518	2.15	Male reproductive organs	3L:+:24477117-24477140	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_19594	SLAYDFKQGTTAVLQSK	AGAP011423-PA	-	56	2.78E-05	1	1856.983	4.3	Malpighian tubule	3L:+:24477174-24477224	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_21002	DATEYLR	AGAP011423-PA	-	51	8.80E-05	1	867.421	0.86	Male reproductive organs	3L:+:24477120-24477140	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_26583	DATEYLR	AGAP011423-PA	-	43	0.000589318	1	867.421	0.44	Malpighian tubule	3L:+:24477120-24477140	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_28039	TVPVVVANTMLK	AGAP011423-PA	M10(Oxidation)	49	9.92E-05	2	1287.733	-0.65	Midgut	3L:+:24476796-24476831	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_40900	DGVILGADTR	AGAP011423-PA	-	54	7.21E-05	2	1016.537	0	Male reproductive organs	3L:+:24476607-24476636	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_41220	HLVPEGVESMDTA	AGAP011423-PA	M10(Oxidation)	97	1.97E-09	1	1400.638	1.21	Ovary	3L:+:24477261-24477299	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_42336	TYEEANKK	AGAP011423-PA	-	31	0.009020954	1	982.485	1.14	Head	3L:+:24477141-24477164	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_42584	TVPVVVANTMLK	AGAP011423-PA	M10(Oxidation)	44	0.000363031	2	1287.734	0.11	Pupa	3L:+:24476796-24476831	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_43101	VDVTDTVVR	AGAP011423-PA	-	67	3.41E-06	2	1003.541	-0.9	Male reproductive organs	3L:+:24477234-24477260	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_45076	KDATEYLR	AGAP011423-PA	-	55	4.48E-05	1	995.516	-0.06	Ovary	3L:+:24477117-24477140	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_47091	HLVPEGVESMDTA	AGAP011423-PA	M10(Oxidation)	61	7.65E-06	1	1400.634	-1.41	Head	3L:+:24477261-24477299	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_58706	DATEYLR	AGAP011423-PA	-	34	0.003938067	1	867.420	-0.69	Midgut	3L:+:24477120-24477140	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_59161	VDVTDTVVR	AGAP011423-PA	-	52	0.000121809	2	1003.541	-1.14	Pupa	3L:+:24477234-24477260	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_62493	LPYATMGSGSLAAMSVFESR	AGAP011423-PA	M6(Oxidation), M14(Oxidation)	36	0.003253372	1	2106.985	0.46	Ovary	3L:+:24476943-24477002	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_69332	DGVILGADTR	AGAP011423-PA	-	43	0.000677606	1	1016.536	-1.37	Midgut	3L:+:24476607-24476636	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_71068	QGTTAVLQSK	AGAP011423-PA	-	73	6.32E-07	2	1032.569	0.2	Ovary	3L:+:24477195-24477224	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_72266	SLAYDFK	AGAP011423-PA	-	35	0.002513549	1	843.425	0.39	Midgut	3L:+:24477174-24477194	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_73846	DAIAAGVFNDLGSGSNIDLCVIR	AGAP011423-PA	C20(Carbamidomethyl)	85	3.89E-08	2	2377.194	5	Visceras	3L:+:24477048-24477116	exon=> In CDS Exon 2 of transcript AGAP011423-PA

JHU_Ag_74306	TVPVVVANTMLK	AGAP011423-PA	M10(Oxidation)	92	5.25E-09	1	1287.735	0.68	Ovary	3L:+:24476796-24476831	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_76215	VDVTDTVVR	AGAP011423-PA	-	71	1.59E-06	1	1003.543	1.23	Ovary	3L:+:24477234-24477260	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_78603	ATEGPIVADKNCEK	AGAP011423-PA	C12(Carbamidomethyl)	94	6.63E-09	1	1531.746	2.28	Male reproductive organs	3L:+:24476637-24476678	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_82124	HLVPEGVESMDTA	AGAP011423-PA	M10(Oxidation)	63	5.51E-06	1	1400.639	1.9	Male reproductive organs	3L:+:24477261-24477299	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_86751	TVPVVVANTMLK	AGAP011423-PA	M10(Oxidation)	57	1.66E-05	2	1287.734	0.21	Male reproductive organs	3L:+:24476796-24476831	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_92502	DATEYLR	AGAP011423-PA	-	42	0.000716 72	1	867.422	1.28	Pupa	3L:+:24477120-24477140	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_92547	VDVTDTVVR	AGAP011423-PA	-	58	3.00E-05	1	1003.538	-4.3	Visceras	3L:+:24477234-24477260	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_103004	DGVILGADTR	AGAP011423-PA	-	50	0.000183 991	1	1016.537	0.24	Ovary	3L:+:24476607-24476636	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_105647	HLVPEGVESMDTA	AGAP011423-PA	M10(Oxidation)	66	2.38E-06	2	1400.638	1.03	Malpighian tubule	3L:+:24477261-24477299	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_107984	DAIAAGVFNDLGSGSNIDLCVIR	AGAP011423-PA	C20(Carbamidomethyl)	34	0.005107 626	1	2377.188	2.53	Pupa	3L:+:24477048-24477116	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_108656	ATEGPIVADKNCEK	AGAP011423-PA	C12(Carbamidomethyl)	101	1.33E-09	1	1531.740	-1.23	Midgut	3L:+:24476637-24476678	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_114106	DGVILGADTR	AGAP011423-PA	-	61	1.37E-05	2	1016.538	1.2	Head	3L:+:24476607-24476636	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_114883	DAIAAGVFNDLGSGSNIDLCVIR	AGAP011423-PA	C20(Carbamidomethyl)	104	5.53E-10	1	2377.180	-0.85	Ovary	3L:+:24477048-24477116	exon=> In CDS Exon 2 of transcript AGAP011423-PA
JHU_Ag_145	INGRPLDQIEPK	AGAP011424-PA	-	42	0.000451 152	1	1379.764	0.17	Visceras	3L:-:24478938-24478903	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_2199	YVDEASRK	AGAP011424-PA	-	47	0.000254 365	1	967.482	-2.28	Head	3L:-:24478743-24478720	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_2215	KFGGPGAR	AGAP011424-PA	-	40	0.001498 754	2	789.438	1.6	Malpighian tubule	3L:-:24478647-24478624	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_3104	VNAVQVFGR	AGAP011424-PA	-	69	1.70E-06	1	989.551	-1.69	Salivary gland	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_7750	VNAVQVFGR	AGAP011424-PA	-	75	4.58E-07	2	989.552	-0.58	Pupa	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_8272	ALVSFYQK	AGAP011424-PA	-	43	0.000355 062	1	955.526	1.21	Malpighian tubule	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_10717	LQEPLLLLGK	AGAP011424-PA	-	53	4.52E-06	2	1123.707	-1.01	Midgut	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_12485	ELKDILTQYDR	AGAP011424-PA	-	53	5.95E-05	2	1393.733	0.88	Head	3L:-:24478719-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_12896	DILTQYDR	AGAP011424-PA	-	44	0.000592 712	2	1023.514	3.3	Malpighian tubule	3L:-:24478710-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_15076	DILTQYDR	AGAP011424-PA	-	39	0.001795 639	1	1023.515	4.27	Larva	3L:-:24478710-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_17736	YKLQEPLLLLGK	AGAP011424-PA	-	57	1.12E-06	1	1414.871	3.02	Visceras	3L:-:24478893-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_17981	FAGVDIR	AGAP011424-PA	-	44	0.000681 035	2	777.426	0.38	Male reproductive organs	3L:-:24478851-24478831	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_19512	YKLQEPLLLLGK	AGAP011424-PA	-	78	9.82E-09	1	1414.872	3.4	Malpighian tubule	3L:-:24478893-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_19578	LQEPLLLLGK	AGAP011424-PA	-	51	7.24E-06	1	1123.711	1.7	Malpighian tubule	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_19654	YVDEASR	AGAP011424-PA	-	43	0.000448 563	1	839.391	1.31	Male reproductive organs	3L:-:24478743-24478723	exon=> In CDS Exon 2 of transcript AGAP011424-PA

JHU_Ag_21876	VNAVQVFGR	AGAP011424-PA	-	63	6.24E-06	1	989.551	-1.32	Visceras	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_22695	LQEPLLLLGK	AGAP011424-PA	-	61	7.66E-07	1	1123.710	1.6	Pupa	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_22825	YKLQEPLLLLGK	AGAP011424-PA	-	44	2.38E-05	1	1414.870	2.49	Larva	3L:-:24478893-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_24898	TLLVADPR	AGAP011424-PA	-	39	0.000858112	2	884.520	-0.18	Visceras	3L:-:24478686-24478663	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_26206	TATAVAHCK	AGAP011424-PA	C8(Carbamidomethyl)	49	9.59E-05	2	958.477	-0.24	Ovary	3L:-:24478986-24478960	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_28095	EKVNAVQVFGR	AGAP011424-PA	-	65	3.71E-06	2	1246.690	-0.16	Pupa	3L:-:24479174-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_28390	TLLVADPRR	AGAP011424-PA	-	33	0.002013947	1	1040.623	1.74	Malpighian tubule	3L:-:24478686-24478660	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_28693	ALVSFYQK	AGAP011424-PA	-	50	6.85E-05	2	955.525	0	Midgut	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_29467	YVDEASRK	AGAP011424-PA	-	42	0.000731688	1	967.483	-1.08	Male reproductive organs	3L:-:24478743-24478720	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_31848	VNAVQVFGR	AGAP011424-PA	-	65	3.96E-06	2	989.554	1.34	Malpighian tubule	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_32377	TLLVADPR	AGAP011424-PA	-	41	0.000500926	2	884.523	3.2	Larva	3L:-:24478686-24478663	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_33336	EKVNAVQVFGR	AGAP011424-PA	-	77	2.41E-07	1	1246.691	0.52	Male reproductive organs	3L:-:24479174-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_33426	FAGVDIRIR	AGAP011424-PA	-	32	0.004724306	1	1046.614	3.54	Malpighian tubule	3L:-:24478851-24478825	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_34055	LQEPLLLLGK	AGAP011424-PA	Q2(Deamidated)	65	3.06E-07	1	1123.708	-0.14	Ovary	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_34352	DILTQYDR	AGAP011424-PA	-	41	0.001076098	1	1023.511	0.52	Male reproductive organs	3L:-:24478710-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_34457	INGRPLDQIEPK	AGAP011424-PA	N2(Deamidated)	43	0.000458867	1	1379.762	-1.6	Midgut	3L:-:24478938-24478903	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_36228	YKLQEPLLLLGK	AGAP011424-PA	-	41	4.77E-05	1	1414.868	1.13	Salivary gland	3L:-:24478893-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_38556	ELKDILTQYDR	AGAP011424-PA	-	46	0.000349867	2	1393.738	4.03	Larva	3L:-:24478719-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_39100	DILTQYDR	AGAP011424-PA	-	57	2.58E-05	1	1023.509	-1.59	Ovary	3L:-:24478710-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_41475	FAGVDIR	AGAP011424-PA	-	43	0.000851471	2	777.426	0.38	Visceras	3L:-:24478851-24478831	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_42997	DILTQYDR	AGAP011424-PA	-	39	0.001929092	2	1023.511	-0.03	Midgut	3L:-:24478710-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_44312	TLLVADPR	AGAP011424-PA	-	51	4.87E-05	2	884.520	0.24	Midgut	3L:-:24478686-24478663	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_44518	TLLVADPR	AGAP011424-PA	-	46	0.000160896	2	884.520	0.03	Male reproductive organs	3L:-:24478686-24478663	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_46738	EKVNAVQVFGR	AGAP011424-PA	-	46	0.000239234	2	1246.696	4.25	Head	3L:-:24479174-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_47716	FAGVDIR	AGAP011424-PA	-	35	0.005475164	2	777.428	3.21	Larva	3L:-:24478851-24478831	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_52178	VNAVQVFGR	AGAP011424-PA	N2(Deamidated)	73	6.93E-07	2	990.537	0.59	Ovary	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_54248	VSGGGHVAQIYAIR	AGAP011424-PA	-	90	7.84E-09	1	1427.775	-0.17	Male reproductive organs	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_55334	FAGVDIR	AGAP011424-PA	-	42	0.001023576	2	777.426	0.54	Salivary gland	3L:-:24478851-24478831	exon=> In CDS Exon 2 of transcript AGAP011424-PA

JHU_Ag_56596	VNAVQVFGR	AGAP011424-PA	-	63	6.20E-06	2	989.552	-0.7	Midgut	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_57499	TLLVADPR	AGAP011424-PA	-	42	0.000433056	1	884.521	1.06	Ovary	3L:-:24478686-24478663	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_57680	ELKDILTQYDR	AGAP011424-PA	-	76	3.68E-07	1	1393.735	1.84	Pupa	3L:-:24478719-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_57717	YVDEASRK	AGAP011424-PA	-	42	0.000709827	1	967.487	2.58	Malpighian tubule	3L:-:24478743-24478720	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_57765	VNAVQVFGR	AGAP011424-PA	-	69	1.56E-06	1	989.553	-0.08	Male reproductive organs	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_60024	ELKDILTQYDR	AGAP011424-PA	-	51	9.74E-05	1	1393.733	0.88	Ovary	3L:-:24478719-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_62392	INGRPLDQIEPK	AGAP011424-PA	-	55	2.62E-05	1	1379.763	-0.8	Head	3L:-:24478938-24478903	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_62927	ALVSFYQK	AGAP011424-PA	-	31	0.006446483	1	955.524	-1.08	Head	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_63116	VSGGGHVAQIYAIR	AGAP011424-PA	-	99	9.87E-10	1	1427.775	-0.42	Head	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_63357	ALVSFYQK	AGAP011424-PA	-	55	2.14E-05	1	955.528	2.87	Larva	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_65439	YKLQEPLLLLGK	AGAP011424-PA	-	75	1.89E-08	1	1414.869	1.39	Pupa	3L:-:24478893-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_65785	VSGGGHVAQIYAIR	AGAP011424-PA	-	88	1.16E-08	1	1427.778	1.8	Visceras	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_67152	VSGGGHVAQIYAIR	AGAP011424-PA	-	90	7.66E-09	1	1427.777	1.12	Malpighian tubule	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_71655	ALVSFYQK	AGAP011424-PA	-	55	2.43E-05	2	955.525	-0.2	Male reproductive organs	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_74459	ELKDILTQYDR	AGAP011424-PA	-	76	2.75E-07	1	1393.735	2.28	Malpighian tubule	3L:-:24478719-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_78003	VNAVQVFGR	AGAP011424-PA	-	76	2.81E-07	2	989.556	3.68	Larva	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_78112	YKLQEPLLLLGK	AGAP011424-PA	-	75	1.93E-08	1	1414.867	-0.23	Male reproductive organs	3L:-:24478893-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_79949	INGRPLDQIEPK	AGAP011424-PA	N2(Deamidated)	38	0.001736129	1	1380.748	0.17	Pupa	3L:-:24478938-24478903	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_80183	ELKDILTQYDR	AGAP011424-PA	-	68	2.05E-06	2	1393.732	-0.17	Midgut	3L:-:24478719-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_82725	LQEPLLLLGK	AGAP011424-PA	-	49	7.75E-06	2	1123.713	3.99	Larva	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_83280	ELKDILTQYDR	AGAP011424-PA	-	76	3.43E-07	1	1393.737	3.07	Male reproductive organs	3L:-:24478719-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_83314	YKLQEPLLLLGK	AGAP011424-PA	-	75	1.70E-08	1	1414.866	-0.61	Midgut	3L:-:24478893-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_83969	DILTQYDR	AGAP011424-PA	-	53	6.84E-05	1	1023.511	0.08	Pupa	3L:-:24478710-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_86389	EKVNAVQVFGR	AGAP011424-PA	-	71	9.05E-07	2	1246.692	1.31	Malpighian tubule	3L:-:24479174-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_86566	VSGGGHVAQIYAIR	AGAP011424-PA	-	102	4.94E-10	1	1427.773	-1.53	Midgut	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_86726	LQEPLLLLGK	AGAP011424-PA	-	38	8.88E-05	2	1123.712	3.01	Visceras	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_87012	VNAVQVFGR	AGAP011424-PA	-	69	1.70E-06	1	989.551	-1.81	Head	3L:-:24479168-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA
JHU_Ag_87955	EKVNAVQVFGR	AGAP011424-PA	-	90	1.18E-08	1	1246.689	-0.75	Ovary	3L:-:24479174-24479142	exon=> In CDS Exon 1 of transcript AGAP011424-PA

JHU_Ag_89884	FAGVDIR	AGAP011424-PA	-	48	0.000233948	1	777.426	1.32	Ovary	3L:-:24478851-24478831	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_90283	ALVSFYQK	AGAP011424-PA	-	60	7.47E-06	1	955.524	-1.22	Pupa	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_91900	TATAVAHCK	AGAP011424-PA	C8(Carbamidomethyl)	41	0.000646879	2	958.477	-0.31	Malpighian tubule	3L:-:24478986-24478960	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_93663	EKFAGVDIR	AGAP011424-PA	-	37	0.002243417	2	1034.561	-1.72	Midgut	3L:-:24478857-24478831	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_94099	DILTQYDR	AGAP011424-PA	-	36	0.003509964	1	1023.510	-0.98	Head	3L:-:24478710-24478687	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_94775	ALVSFYQK	AGAP011424-PA	-	60	7.17E-06	1	955.524	-1.03	Ovary	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_94807	KTATAVAHCK	AGAP011424-PA	C9(Carbamidomethyl)	48	0.000182551	2	1086.572	-0.16	Male reproductive organs	3L:-:24478989-24478960	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_95275	INGRPLDQIEPK	AGAP011424-PA	N2(Deamidated)	59	9.11E-06	1	1379.765	0.26	Male reproductive organs	3L:-:24478938-24478903	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_95399	VSGGGHVAQIYAIR	AGAP011424-PA	-	83	3.40E-08	1	1427.778	1.63	Larva	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_98446	ALVSFYQK	AGAP011424-PA	-	40	0.000713352	2	955.526	1.21	Salivary gland	3L:-:24478767-24478744	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_100659	INGRPLDQIEPK	AGAP011424-PA	N2(Deamidated)	49	0.000131349	1	1380.756	5.47	Malpighian tubule	3L:-:24478938-24478903	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_101843	TLLVADPR	AGAP011424-PA	-	38	0.001162904	1	884.521	0.72	Salivary gland	3L:-:24478686-24478663	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_106337	TATAVAHCKR	AGAP011424-PA	C8(Carbamidomethyl)	68	1.58E-06	1	1114.578	-0.85	Male reproductive organs	3L:-:24478986-24478957	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_107179	VSGGGHVAQIYAIR	AGAP011424-PA	-	93	4.20E-09	1	1427.779	2.66	Ovary	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_108476	INGRPLDQIEPK	AGAP011424-PA	N2(Deamidated)	71	9.43E-07	1	1380.746	-1.33	Ovary	3L:-:24478938-24478903	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_108575	EKFAGVDIR	AGAP011424-PA	-	46	0.000351482	2	1034.563	0.05	Male reproductive organs	3L:-:24478857-24478831	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_110634	VSGGGHVAQIYAIR	AGAP011424-PA	-	87	1.77E-08	1	1427.776	0.09	Pupa	3L:-:24478824-24478783	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_111988	LQEPLLLLGK	AGAP011424-PA	-	61	7.45E-07	1	1123.709	0.18	Male reproductive organs	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_112182	LQEPLLLLGK	AGAP011424-PA	-	52	3.66E-06	1	1123.716	6.7	Salivary gland	3L:-:24478887-24478858	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_112764	YVDEASR	AGAP011424-PA	-	40	0.000872616	2	839.390	0.71	Ovary	3L:-:24478743-24478723	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_115733	TLLVADPR	AGAP011424-PA	-	38	0.001001253	2	884.522	1.75	Malpighian tubule	3L:-:24478686-24478663	exon=> In CDS Exon 2 of transcript AGAP011424-PA
JHU_Ag_75617	LEEQIAALQQR	AGAP011425-PA	Q4(Deamidated), Q9(Deamidated), Q10(Deamidated)	40	0.001652418	2	1301.673	10.95	Visceras	3L:+:24485073-24485105	exon=> In CDS Exon 4 of transcript AGAP011425-PA
JHU_Ag_40223	FGLLWK	AGAP011432-PA	-	36	0.001522508	2	763.450	-0.61	Pupa	3L:+:24564261-24564278	exon=> In CDS Exon 2 of transcript AGAP011432-PA
JHU_Ag_80636	SKPEFFAYGLEDQFDK	AGAP011432-PA	-	47	0.00031106	3	1920.906	2.52	Head	3L:+:24564558-24564605	exon=> In CDS Exon 2 of transcript AGAP011432-PA
JHU_Ag_33679	QGNPAVFMEGTIHAR	AGAP011435-PA	M8(Oxidation)	75	4.33E-07	1	1643.793	-2	Midgut	3L:-:24597293-24597249	exon=> In CDS Exon 1 of transcript AGAP011435-PA
JHU_Ag_49041	NIAENYDWYVVPVANPDGYVYTHTTTR	AGAP011435-PA	-	119	1.37E-11	1	3158.485	-0.13	Midgut	3L:-:24597176-24597096	exon=> In CDS Exon 1 of transcript AGAP011435-PA
JHU_Ag_50608	GTLQTPLTFAYELR	AGAP011435-PA	-	40	0.00101222	1	1609.864	3.61	Pupa	3L:-:24596449-24596408	exon=> In CDS Exon 4 of transcript AGAP011435-PA

JHU_Ag_52617	NIAENYDWYVVPVANPDGYVYTHTTTR	AGAP011435-PA	-	49	0.000156467	1	3158.488	0.92	Pupa	3L:-:24597176-24597096	exon=> In CDS Exon 1 of transcript AGAP011435-PA
JHU_Ag_82965	GTLQTPLTFAYELR	AGAP011435-PA	-	83	5.93E-08	2	1609.859	0.28	Midgut	3L:-:24596449-24596408	exon=> In CDS Exon 4 of transcript AGAP011435-PA
JHU_Ag_95455	VGNIAEIIYVASGSSLDWVK	AGAP011435-PA	-	105	3.09E-10	1	2121.125	0.97	Midgut	3L:-:24596595-24596655,24596291-24596450	exon=> In CDS Exon 4 and 3 of transcript AGAP011435-PA
JHU_Ag_103393	QNVLCYGADPNR	AGAP011435-PA	C5(Carbamidomethyl)	66	3.37E-06	1	1406.647	-0.91	Midgut	3L:-:24597071-24597036	exon=> In CDS Exon 1 of transcript AGAP011435-PA
JHU_Ag_23799	LPKEIILK	AGAP011437-PA	-	29	0.002001557	2	953.626	-14.25	Ovary	3L:+:24711628-24711651	exon=> In CDS Exon 10 of transcript AGAP011437-PA
JHU_Ag_65341	LPKEIILK	AGAP011437-PA	-	18	0.007181456	1	953.647	8.34	Head	3L:+:24711628-24711651	exon=> In CDS Exon 10 of transcript AGAP011437-PA
JHU_Ag_101730	LPKEIILK	AGAP011437-PA	-	29	0.000527488	2	953.647	8.34	Head	3L:+:24711628-24711651	exon=> In CDS Exon 10 of transcript AGAP011437-PA
JHU_Ag_249	FNLTGLNEQVPNYR	AGAP011438-PA	-	63	7.02E-06	2	1664.843	2.57	Ovary	3L:+:24718284-24718325	exon=> In CDS Exon 2 of transcript AGAP011438-PA
JHU_Ag_1488	RPANQFIPR	AGAP011438-PA	-	47	0.000175557	2	1098.618	1.34	Male reproductive organs	3L:+:24720372-24720397,24720516-24720516	exon=> In CDS Exon 4 and 5 of transcript AGAP011438-PA
JHU_Ag_3901	FNLTGLNEQVPNYR	AGAP011438-PA	-	79	2.01E-07	2	1664.844	3.01	Midgut	3L:+:24718284-24718325	exon=> In CDS Exon 2 of transcript AGAP011438-PA
JHU_Ag_12093	GNEFFCEVDEDYIQDKFNLTGLNEQVPNYR	AGAP011438-PA	C6(Carbamidomethyl)	104	3.64E-10	1	3653.644	-1.38	Midgut	3L:+:24718047-24718067,24718257-24718325	exon=> In CDS Exon 1 and 2 of transcript AGAP011438-PA
JHU_Ag_12517	RPANQFIPR	AGAP011438-PA	-	52	5.79E-05	2	1098.614	-2.66	Head	3L:+:24720372-24720397,24720516-24720516	exon=> In CDS Exon 4 and 5 of transcript AGAP011438-PA
JHU_Ag_18920	GNEFFCEVDEDYIQDKFNLTGLNEQVPNYR	AGAP011438-PA	C6(Carbamidomethyl)	120	9.85E-12	1	3653.660	3.03	Visceras	3L:+:24718047-24718067,24718257-24718325	exon=> In CDS Exon 1 and 2 of transcript AGAP011438-PA
JHU_Ag_22809	IHSLAYQIQLQAAANFK	AGAP011438-PA	-	115	2.77E-11	2	1916.042	1.75	Head	3L:+:24720532-24720582	exon=> In CDS Exon 5 of transcript AGAP011438-PA
JHU_Ag_37062	FNLTGLNEQVPNYR	AGAP011438-PA	-	42	0.000881302	2	1664.837	-1.02	Malpighian tubule	3L:+:24718284-24718325	exon=> In CDS Exon 2 of transcript AGAP011438-PA
JHU_Ag_38887	GNEFFCEVDEDYIQDKFNLTGLNEQVPNYR	AGAP011438-PA	C6(Carbamidomethyl)	132	5.96E-13	1	3653.658	2.33	Head	3L:+:24718047-24718067,24718257-24718325	exon=> In CDS Exon 1 and 2 of transcript AGAP011438-PA
JHU_Ag_55527	FNLTGLNEQVPNYR	AGAP011438-PA	-	110	1.44E-10	2	1664.838	-0.8	Head	3L:+:24718284-24718325	exon=> In CDS Exon 2 of transcript AGAP011438-PA
JHU_Ag_71200	GNEFFCEVDEDYIQDK	AGAP011438-PA	C6(Carbamidomethyl)	130	3.32E-13	1	2007.832	2.28	Head	3L:+:24718047-24718067,24718257-24718283	exon=> In CDS Exon 1 and 2 of transcript AGAP011438-PA
JHU_Ag_102399	FNLTGLNEQVPNYR	AGAP011438-PA	-	84	5.68E-08	1	1664.842	1.47	Visceras	3L:+:24718284-24718325	exon=> In CDS Exon 2 of transcript AGAP011438-PA
JHU_Ag_8747	ADYAALER	AGAP011441-PA	-	46	0.000462377	2	908.447	-0.68	Male reproductive organs	3L:+:24737542-24737565	exon=> In CDS Exon 5 of transcript AGAP011441-PA
JHU_Ag_33894	IVAILK	AGAP011441-PA	-	21	0.007874854	1	656.472	1.8	Midgut	3L:+:24733267-24733284	exon=> In CDS Exon 2 of transcript AGAP011441-PA
JHU_Ag_45667	DVVQELIR	AGAP011441-PA	-	45	0.000411696	2	971.551	-1.4	Male reproductive organs	3L:+:24736570-24736593	exon=> In CDS Exon 5 of transcript AGAP011441-PA
JHU_Ag_53140	TGEEITLNELR	AGAP011441-PA	-	53	0.000101437	2	1274.658	-0.28	Male reproductive organs	3L:+:24733171-24733203	exon=> In CDS Exon 2 of transcript AGAP011441-PA
JHU_Ag_57195	SQYAVLEAIK	AGAP011441-PA	-	51	6.89E-05	2	1121.621	0.35	Male reproductive organs	3L:+:24734550-24734579	exon=> In CDS Exon 3 of transcript AGAP011441-PA

JHU_Ag_64671	DIVAQMPNEGR	AGAP011441-PA	M6(Oxidation)	46	0.000323 87	1	1245.589	-0.4	Male reproductive organs	3L:+:24735814-24735846	exon=> In CDS Exon 5 of transcript AGAP011441-PA
JHU_Ag_75244	AETLIGGLGGEK	AGAP011441-PA	-	50	0.000137 94	2	1144.621	0.1	Male reproductive organs	3L:+:24741565-24741600	exon=> In CDS Exon 7 of transcript AGAP011441-PA
JHU_Ag_75597	AAQEKIK	AGAP011441-PA	Q3(Deamidated)	43	0.000923 208	2	788.454	3.86	Malpighian tubule	3L:+:24732588-24732596,24732703-24732714	exon=> In CDS Exon 1 and 2 of transcript AGAP011441-PA
JHU_Ag_78326	AAQEKIK	AGAP011441-PA	Q3(Deamidated)	40	0.002175 54	2	788.452	0.69	Head	3L:+:24732588-24732596,24732703-24732714	exon=> In CDS Exon 1 and 2 of transcript AGAP011441-PA
JHU_Ag_108493	QSLILQGAK	AGAP011441-PA	-	41	0.000795 047	1	957.573	-0.06	Salivary gland	3L:+:24742330-24742356	exon=> In CDS Exon 7 of transcript AGAP011441-PA
JHU_Ag_972	MAPEFAYVLDK	AGAP011442-PA	M1(Oxidation)	38	0.002177 224	1	1299.634	3.52	Larva	3L:+:24748307-24748339	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_2882	QFYDAQPEFR	AGAP011442-PA	-	51	7.12E-05	1	1300.596	-0.17	Midgut	3L:+:24748235-24748264	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_4849	NTPLHIYAESYGGK	AGAP011442-PA	-	95	5.80E-09	1	1549.768	1.97	Midgut	3L:+:24748265-24748306	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_7631	LAVYWALR	AGAP011442-PA	-	58	8.86E-06	1	991.572	0.03	Midgut	3L:+:24749135-24749158	exon=> In CDS Exon 3 of transcript AGAP011442-PA
JHU_Ag_11242	LASEDRDQILQDLMR	AGAP011442-PA	M14(Oxidation)	95	5.39E-09	1	1802.906	-0.11	Midgut	3L:+:24748781-24748825	exon=> In CDS Exon 3 of transcript AGAP011442-PA
JHU_Ag_17128	MAPEFAYVLDK	AGAP011442-PA	M1(Oxidation)	67	2.80E-06	1	1299.629	0.05	Midgut	3L:+:24748307-24748339	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_29348	AGHMVPADNPILMDLILQK	AGAP011442-PA	M4(Oxidation), M13(Oxidation),"N9(Deamidated), M13(Oxidation)",M4(Oxidation),M13(Oxidation)	107	2.13E-10	1	2108.088	0.23	Midgut	3L:+:24749159-24749215	exon=> In CDS Exon 3 of transcript AGAP011442-PA
JHU_Ag_30010	DQILQDLMR	AGAP011442-PA	M8(Oxidation)	35	0.006193 988	2	1147.573	-3.8	Midgut	3L:+:24748799-24748825	exon=> In CDS Exon 3 of transcript AGAP011442-PA
JHU_Ag_49574	QFYDAQPEFR	AGAP011442-PA	-	38	0.001494 136	2	1300.597	0.87	Pupa	3L:+:24748235-24748264	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_53197	SQLEQFSR	AGAP011442-PA	-	40	0.001450 097	2	994.495	-0.11	Midgut	3L:+:24748640-24748663	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_80738	NNYLQSPR	AGAP011442-PA	-	46	0.000502 525	2	991.496	0	Midgut	3L:+:24749057-24749080	exon=> In CDS Exon 3 of transcript AGAP011442-PA
JHU_Ag_98327	FEVAPALSLPAESVYGAQSGR	AGAP011442-PA	-	110	1.38E-10	1	2149.093	0.37	Midgut	3L:+:24748826-24748888	exon=> In CDS Exon 3 of transcript AGAP011442-PA
JHU_Ag_103108	DYNVLFIDNPVGTGFSYVEDFSLLTK	AGAP011442-PA	-	109	1.59E-10	1	2953.452	0.38	Midgut	3L:+:24748115-24748192	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_105734	FEVAPALSLPAESVYGAQSGR	AGAP011442-PA	-	82	8.57E-08	1	2149.099	3.21	Larva	3L:+:24748826-24748888	exon=> In CDS Exon 3 of transcript AGAP011442-PA
JHU_Ag_106889	TNGEIADDLVELMK	AGAP011442-PA	N2(Deamidated),M13(Oxidation)	135	5.17E-13	1	1548.743	-2.36	Midgut	3L:+:24748193-24748234	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_114722	ETHGIDFYNVLFK	AGAP011442-PA	-	70	1.36E-06	2	1582.786	-2.54	Midgut	3L:+:24748580-24748618	exon=> In CDS Exon 2 of transcript AGAP011442-PA
JHU_Ag_9668	MVEDLIDSVLR	AGAP011446-PA	M1(Oxidation)	85	5.44E-08	1	1305.677	4.09	Ovary	3L:-:24766798-24766766	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_12282	QLVYELIQEK	AGAP011446-PA	-	51	7.47E-05	1	1262.700	1.08	Malpighian tubule	3L:-:24767053-24767024	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_12667	VRELISK	AGAP011446-PA	-	30	0.010315 326	1	844.523	-2.88	Head	3L:-:24767386-24767366	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_43091	VGLIIGK	AGAP011446-PA	-	39	0.000561 636	1	699.479	3.12	Ovary	3L:-:24767206-24767186	exon=> In CDS Exon 2 of transcript AGAP011446-PA

JHU_Ag_44798	MVEDLIDSVLR	AGAP011446-PA	M1(Oxidation)	66	4.09E-06	2	1305.676	2.97	Head	3L:-:24766798-24766766	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_46514	GEQHQVDEAK	AGAP011446-PA	-	65	3.77E-06	1	1140.523	-4.64	Head	3L:-:24766358-24766329	exon=> In CDS Exon 3 of transcript AGAP011446-PA
JHU_Ag_46625	QLVYELIQEK	AGAP011446-PA	-	44	0.000403 59	2	1262.704	3.69	Ovary	3L:-:24767053-24767024	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_46896	IEEAEAIEK	AGAP011446-PA	-	51	0.000141 635	2	1031.528	2.69	Ovary	3L:-:24764429-24764403	exon=> In CDS Exon 7 of transcript AGAP011446-PA
JHU_Ag_59400	EAEIIEQQVK	AGAP011446-PA	-	48	0.000256 997	2	1186.634	2.32	Malpighian tubule	3L:-:24765888-24765859	exon=> In CDS Exon 5 of transcript AGAP011446-PA
JHU_Ag_59402	EAEIIEQQVK	AGAP011446-PA	-	36	0.003825 528	2	1186.631	-0.05	Head	3L:-:24765888-24765859	exon=> In CDS Exon 5 of transcript AGAP011446-PA
JHU_Ag_72962	QLVYELIQEKDAYSQR	AGAP011446-PA	-	41	0.000849 334	1	1983.034	7.96	Malpighian tubule	3L:-:24767053-24767006	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_73714	VGLIIGK	AGAP011446-PA	-	48	2.08E-05	2	699.476	-0.02	Salivary gland	3L:-:24767206-24767186	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_78510	LEYTFTVPVSK	AGAP011446-PA	-	52	5.87E-05	2	1283.693	3.56	Head	3L:-:24766615-24766583	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_80941	AAVGVVIGK	AGAP011446-PA	-	50	3.32E-05	2	813.521	2.42	Malpighian tubule	3L:-:24766960-24766934	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_84966	MVEDLIDSVLRR	AGAP011446-PA	M1(Oxidation)	39	0.001450 008	1	1461.780	4.42	Ovary	3L:-:24766798-24766763	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_85502	MVIIQDGPGQEMEKPLR	AGAP011446-PA	M1(Oxidation), M12(Oxidation)	58	2.15E-05	1	1940.996	1.62	Ovary	3L:-:24767140-24767090	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_101105	LEYTFTVPVSK	AGAP011446-PA	-	51	6.91E-05	2	1283.692	3.28	Ovary	3L:-:24766615-24766583	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_103839	LEYTFTVPVSK	AGAP011446-PA	-	64	3.48E-06	1	1283.690	1.47	Malpighian tubule	3L:-:24766615-24766583	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_110179	EAEIIEQQVK	AGAP011446-PA	-	51	0.000114 359	2	1186.636	3.66	Ovary	3L:-:24765888-24765859	exon=> In CDS Exon 5 of transcript AGAP011446-PA
JHU_Ag_111252	AAVGVVIGK	AGAP011446-PA	-	56	6.55E-06	2	813.523	4.37	Ovary	3L:-:24766960-24766934	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_111866	QLVYELIQEK	AGAP011446-PA	-	34	0.003058 335	2	1262.705	4.95	Head	3L:-:24767053-24767024	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_113346	MVEDLIDSVLRR	AGAP011446-PA	M1(Oxidation)	49	0.000140 721	1	1461.781	5.18	Malpighian tubule	3L:-:24766798-24766763	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_116418	MVEDLIDSVLR	AGAP011446-PA	M1(Oxidation)	74	7.04E-07	1	1305.674	1.75	Malpighian tubule	3L:-:24766798-24766766	exon=> In CDS Exon 2 of transcript AGAP011446-PA
JHU_Ag_4761	QIAANK	AGAP011446-PA,AGAP007852-PB	-	42	0.001034 793	1	644.374	2.26	Visceras	3L:-:24764402-24764385;3R:-:2122574-2122557	exon=> In CDS Exon 7 of transcript AGAP011446-PA;exon=> In CDS Exon 6 of transcript AGAP007852-PB
JHU_Ag_3166	GSGASAAAPAGR	AGAP011447-PA	-	49	0.000114 755	1	972.488	2.03	Malpighian tubule	3L:-:24777576-24777541	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_4518	GSGASAAAPAGR	AGAP011447-PA	-	38	0.001275 919	2	972.490	4.23	Ovary	3L:-:24777576-24777541	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_15462	KLGQLAEILALEK	AGAP011447-PA	-	54	5.23E-06	2	1425.871	2.21	Male reproductive organs	3L:-:24777801-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_16387	KLGQLAEILALEK	AGAP011447-PA	-	115	4.67E-12	2	1425.871	2.21	Ovary	3L:-:24777801-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_22346	KFDGFEFGADSDAYR	AGAP011447-PA	-	63	4.59E-06	2	1724.769	8.14	Salivary gland	3L:-:24777882-24777838	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_25415	LGQLAEILALEK	AGAP011447-PA	-	75	8.11E-08	1	1297.773	0.45	Male reproductive organs	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_26899	LGQLAEILALEK	AGAP011447-PA	-	49	3.41E-05	2	1297.772	-0.39	Pupa	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA

JHU_Ag_30453	LGQLAEILALEK	AGAP011447-PA	-	105	7.82E-11	1	1297.775	2.05	Visceras	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_32375	KFDGFEFGADSDAYR	AGAP011447-PA	-	52	5.36E-05	2	1724.771	9.06	Head	3L:-:24777882-24777838	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_34528	LGQLAEILALEK	AGAP011447-PA	-	73	1.01E-07	1	1297.779	4.59	Malpighian tubule	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_37727	LGQLAEILALEK	AGAP011447-PA	-	107	5.00E-11	1	1297.771	-1.05	Salivary gland	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_38462	AAAAVANNK	AGAP011447-PA	-	42	0.000787971	1	829.452	-0.97	Salivary gland	3L:-:24776562-24776536	exon=> In CDS Exon 4 of transcript AGAP011447-PA
JHU_Ag_48238	GSGASAAAPAGR	AGAP011447-PA	-	51	6.97E-05	1	972.485	-0.66	Salivary gland	3L:-:24777576-24777541	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_51984	LGQLAEILALEK	AGAP011447-PA	-	114	1.06E-11	1	1297.775	1.87	Head	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_59430	EILEEANLEEITMK	AGAP011447-PA	M13(Oxidation)	90	1.51E-08	2	1677.835	5.53	Head	3L:-:24775193-24775152	exon=> In CDS Exon 6 of transcript AGAP011447-PA
JHU_Ag_60723	KFDGFEFGADSDAYR	AGAP011447-PA	-	75	2.30E-07	2	1724.760	2.83	Visceras	3L:-:24777882-24777838	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_64006	LGQLAEILALEKK	AGAP011447-PA	-	25	0.004899141	3	1425.866	-1.16	Ovary	3L:-:24777798-24777760	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_65130	KFDGFEFGADSDAYR	AGAP011447-PA	-	92	4.52E-09	1	1724.755	0.1	Ovary	3L:-:24777882-24777838	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_65873	KFDGFEFGADSDAYR	AGAP011447-PA	-	94	2.75E-09	1	1724.758	1.7	Malpighian tubule	3L:-:24777882-24777838	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_65964	EILEEANLEEITMK	AGAP011447-PA	M13(Oxidation)	110	1.56E-10	1	1677.832	4.3	Ovary	3L:-:24775193-24775152	exon=> In CDS Exon 6 of transcript AGAP011447-PA
JHU_Ag_73745	KLGQLAEILALEK	AGAP011447-PA	-	86	2.73E-09	2	1425.871	2.55	Malpighian tubule	3L:-:24777801-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_80331	KLGQLAEILALEK	AGAP011447-PA	-	25	0.004638032	1	1425.870	1.44	Pupa	3L:-:24777801-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_80610	GRPSAAAVAAR	AGAP011447-PA	-	70	5.87E-07	2	1026.582	1.9	Malpighian tubule	3L:-:24776736-24776704	exon=> In CDS Exon 4 of transcript AGAP011447-PA
JHU_Ag_83802	KLGQLAEILALEK	AGAP011447-PA	-	46	3.98E-05	1	1425.868	-0.01	Midgut	3L:-:24777801-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_93612	LGQLAEILALEK	AGAP011447-PA	-	113	1.16E-11	1	1297.774	1.11	Ovary	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_95969	KFDGFEFGADSDAYR	AGAP011447-PA	-	56	1.80E-05	1	1724.758	1.77	Midgut	3L:-:24777882-24777838	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_111077	AAAAVANNK	AGAP011447-PA	-	38	0.001636084	1	829.457	4.77	Ovary	3L:-:24776562-24776536	exon=> In CDS Exon 4 of transcript AGAP011447-PA
JHU_Ag_113621	KLGQLAEILALEK	AGAP011447-PA	-	91	8.96E-10	2	1425.873	3.58	Salivary gland	3L:-:24777801-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_114353	RGSGASAAAPAGR	AGAP011447-PA	-	78	1.88E-07	2	1128.586	-1.15	Head	3L:-:24777579-24777541	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_114893	LGQLAEILALEK	AGAP011447-PA	-	86	6.31E-09	2	1297.773	0.08	Midgut	3L:-:24777798-24777763	exon=> In CDS Exon 1 of transcript AGAP011447-PA
JHU_Ag_2816	GLSQLIADIAPFAVK	AGAP011448-PA	-	104	1.38E-10	1	1542.890	0.55	Ovary	3L:+:24780219-24780263	exon=> In CDS Exon 1 of transcript AGAP011448-PA
JHU_Ag_775	EISADRADFAGIDSNYGYLAR	AGAP011453-PA	-	117	3.47E-11	1	2304.090	0.13	Midgut	3L:+:24913568-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_3773	HTGGLDGLR	AGAP011453-PA	-	40	0.000823736	1	925.485	-0.34	Midgut	3L:+:24912388-24912414	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_4180	QNDGIGGSIDRNVLCAAADTNR	AGAP011453-PA	C15(Carbamidomethyl)	99	1.85E-09	1	2317.109	5.87	Malpighian tubule	3L:+:24914166-24914231	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_4470	YCHPGLHYSR	AGAP011453-PA	C2(Carbamidomethyl)	56	2.31E-05	1	1289.588	3.02	Malpighian tubule	3L:+:24912424-24912453	exon=> In CDS Exon 2 of transcript AGAP011453-PA

JHU_Ag_6079	YAEKPTPR	AGAP011453-PA	-	41	0.001515787	1	961.511	0.5	Salivary gland	3L:+:24914034-24914057	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_6299	NSLTSGAPWETAIIDILTR	AGAP011453-PA	-	88	1.49E-08	2	2058.094	3.57	Ovary	3L:+:24913274-24913330	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_6784	WCTTSLEEQDKCDVLAK	AGAP011453-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	76	2.93E-07	2	2082.956	4.18	Malpighian tubule	3L:+:24913442-24913492	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_8221	QSNLAAALYQETEKEK	AGAP011453-PA	-	66	3.63E-06	1	1822.918	-0.31	Ovary	3L:+:24913631-24913678	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_12331	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	-	81	7.57E-08	1	2568.333	1.05	Ovary	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_12562	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	-	114	4.16E-11	1	2568.338	2.91	Salivary gland	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_14494	QSNLAAALYQETEKEK	AGAP011453-PA	-	110	1.59E-10	1	1822.923	2.84	Salivary gland	3L:+:24913631-24913678	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_14851	LVAPPK	AGAP011453-PA	-	40	6.98E-06	1	624.408	-0.59	Midgut	3L:+:24912496-24912513	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_15214	YSSVVVLTK	AGAP011453-PA	-	58	8.81E-06	1	995.577	-0.01	Visceras	3L:+:24913679-24913705	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_16223	NSLTSGAPWETAIIDILTR	AGAP011453-PA	-	113	4.15E-11	1	2058.099	5.83	Malpighian tubule	3L:+:24913274-24913330	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_17947	DDLHDPTGEHAENLCALCR	AGAP011453-PA	C15(Carbamidomethyl), C18(Carbamidomethyl),"N13(Deamidated), C15(Carbamidomethyl), C18(Carbamidomethyl)"	143	2.46E-14	1	2222.948	-3.36	Midgut	3L:+:24913977-24914033	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_18560	MYNIFAGQR	AGAP011453-PA	M1(Oxidation)	61	7.90E-06	1	1099.536	0.74	Salivary gland	3L:+:24914532-24914558	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_18736	YTAECEQLQR	AGAP011453-PA	C5(Carbamidomethyl)	76	2.39E-07	1	1297.584	-0.2	Ovary	3L:+:24912139-24912168	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_18786	WCTTSLEEQDK	AGAP011453-PA	C2(Carbamidomethyl)	68	1.46E-06	1	1396.607	1.26	Midgut	3L:+:24913442-24913474	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_18936	ACFPEFGGIASIAFVNVGR	AGAP011453-PA	C2(Carbamidomethyl)	120	1.61E-11	1	2012.014	3.8	Visceras	3L:+:24913751-24913778,24913861-24913889	exon=> In CDS Exon 3 and 4 of transcript AGAP011453-PA
JHU_Ag_19451	NSLTSGAPWETAIIDILTR	AGAP011453-PA	-	85	2.87E-08	2	2058.093	2.98	Visceras	3L:+:24913274-24913330	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_19625	NECDYGHLMSEFFSESCAPGSR	AGAP011453-PA	C3(Carbamidomethyl), C17(Carbamidomethyl),"C3(Carbamidomethyl), M9(Oxidation), C17(Carbamidomethyl)"	80	9.18E-09	1	2596.019	0.72	Salivary gland	3L:+:24913911-24913976	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_21321	AGLTSGVYPLLQCNNPTTNR	AGAP011453-PA	C13(Carbamidomethyl)	105	5.26E-10	1	2176.088	3.13	Ovary	3L:+:24913493-24913552	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_26820	AGLTSGVYPLLQCNNPTTNR	AGAP011453-PA	C13(Carbamidomethyl)	117	3.33E-11	1	2176.087	2.69	Visceras	3L:+:24913493-24913552	exon=> In CDS Exon 3 of transcript AGAP011453-PA

JHU_Ag_26832	DDLHDPTGEHAENLCALCR	AGAP011453-PA	C15(Carbamidomethyl), C18(Carbamidomethyl),"N 13(Deamidated), C15(Carbamidomethyl), C18(Carbamidomethyl)"	150	5.98E-15	1	2222.961	2.49	Malpighian tubule	3L:+:24913977-24914033	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_27821	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	-	106	2.58E-10	1	2568.340	3.69	Visceras	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_27824	ADFAGIDSNYGYLAR	AGAP011453-PA	-	114	6.14E-11	1	1632.767	0.96	Ovary	3L:+:24913586-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_28644	YTAECEQLQR	AGAP011453-PA	C5(Carbamidomethyl)	87	1.78E-08	1	1297.585	0.27	Malpighian tubule	3L:+:24912139-24912168	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_29335	DGDVVYASVLEIQR	AGAP011453-PA	-	107	2.86E-10	1	1563.804	1.91	Malpighian tubule	3L:+:24913058-24913099	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_29873	YSSVVVLTK	AGAP011453-PA	-	60	6.32E-06	1	995.577	0.24	Malpighian tubule	3L:+:24913679-24913705	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_30479	QSNLAAALYQETEKEK	AGAP011453-PA	-	115	4.78E-11	1	1822.917	-0.44	Midgut	3L:+:24913631-24913678	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_30998	GIFDRNECDYGHLMSEFFSESCAPGSR	AGAP011453-PA	C8(Carbamidomethyl), M14(Oxidation), C22(Carbamidomethyl)	101	2.70E-10	1	3184.320	0.1	Midgut	3L:+:24913896-24913976	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_32813	MYNIFAGQR	AGAP011453-PA	M1(Oxidation)	62	6.21E-06	2	1099.538	2.4	Malpighian tubule	3L:+:24914532-24914558	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_33605	ADFAGIDSNYGYLAR	AGAP011453-PA	-	75	4.30E-07	2	1632.768	1.79	Pupa	3L:+:24913586-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_35857	WCTTSLEEQDKCDVLAK	AGAP011453-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	62	6.64E-06	1	2082.952	2.56	Salivary gland	3L:+:24913442-24913492	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_37570	ADFAGIDSNYGYLAR	AGAP011453-PA	N9(Deamidated)	134	6.65E-13	1	1632.770	2.61	Malpighian tubule	3L:+:24913586-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_38629	SRHTGGLDGLR	AGAP011453-PA	-	63	4.35E-06	1	1168.618	-0.5	Malpighian tubule	3L:+:24912382-24912414	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_38709	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	N17(Deamidated),N1(Deamidated),Q15(Deamidated)	113	6.05E-11	1	2569.321	2.4	Midgut	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_38873	IAAASSIQSPVDYMRPHRPMPIPADICQSTAR	AGAP011453-PA	M14(Oxidation), C27(Carbamidomethyl)," M14(Oxidation), M20(Oxidation), C27(Carbamidomethyl)","M20(Oxidation), C27(Carbamidomethyl)"	107	2.39E-10	1	3552.750	-0.38	Midgut	3L:+:24913346-24913441	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_40145	ACFPEFGGIASIAFVNVGR	AGAP011453-PA	C2(Carbamidomethyl)	157	2.72E-15	1	2011.998	-4.03	Midgut	3L:+:24913751-24913778,24913861-24913889	exon=> In CDS Exon 3 and 4 of transcript AGAP011453-PA
JHU_Ag_41778	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	N17(Deamidated),N1(Deamidated),Q15(Deamidated)	139	1.14E-13	1	2568.341	3.93	Malpighian tubule	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_41876	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	-	49	0.000124975	3	2568.335	1.77	Head	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_42894	DDLHDPTGEHAENLCALCR	AGAP011453-PA	C15(Carbamidomethyl), C18(Carbamidomethyl)	133	2.99E-13	1	2222.957	0.84	Salivary gland	3L:+:24913977-24914033	exon=> In CDS Exon 4 of transcript AGAP011453-PA

JHU_Ag_48629	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	-	134	3.87E-13	1	2568.345	5.45	Larva	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_49153	NSLTSGAPWETAIIDILTR	AGAP011453-PA	-	160	8.96E-16	1	2058.083	-1.89	Midgut	3L:+:24913274-24913330	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_49493	YTAECEQLQR	AGAP011453-PA	C5(Carbamidomethyl)	58	1.57E-05	1	1297.585	0.65	Visceras	3L:+:24912139-24912168	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_49843	EISADRADFAGIDSNYGYLAR	AGAP011453-PA	-	43	0.000921027	1	2304.092	1.08	Pupa	3L:+:24913568-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_50669	AVQIAAR	AGAP011453-PA	-	40	0.000359164	2	728.441	0	Malpighian tubule	3L:+:24913235-24913255	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_50958	QSNLAAALYQETEK	AGAP011453-PA	-	57	3.28E-05	2	1565.780	-0.43	Malpighian tubule	3L:+:24913631-24913672	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_53300	NVLCAAADTNR	AGAP011453-PA	C4(Carbamidomethyl)	78	2.15E-07	1	1204.578	3.3	Malpighian tubule	3L:+:24914199-24914231	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_53465	YSSVVVLTK	AGAP011453-PA	-	60	4.34E-06	1	995.579	1.59	Salivary gland	3L:+:24913679-24913705	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_55883	WCTTSLEEQDKCDVLAK	AGAP011453-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	114	4.80E-11	1	2082.948	0.54	Midgut	3L:+:24913442-24913492	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_58701	YTAECEQLQR	AGAP011453-PA	C5(Carbamidomethyl)	59	1.08E-05	1	1297.584	-0.2	Pupa	3L:+:24912139-24912168	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_58717	NVLCAAADTNR	AGAP011453-PA	C4(Carbamidomethyl)	75	4.02E-07	1	1204.576	1.37	Salivary gland	3L:+:24914199-24914231	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_59612	ACFPEFGGIASIAFVNVGR	AGAP011453-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), N16(Deamidated)"	162	8.93E-16	1	2012.011	2.71	Malpighian tubule	3L:+:24913751-24913778,24913861-24913889	exon=> In CDS Exon 3 and 4 of transcript AGAP011453-PA
JHU_Ag_61355	WCTTSLEEQDKCDVLAK	AGAP011453-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	47	0.000231933	2	2082.951	1.83	Ovary	3L:+:24913442-24913492	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_62569	YTAECEQLQR	AGAP011453-PA	C5(Carbamidomethyl)	67	1.76E-06	1	1297.585	0.65	Salivary gland	3L:+:24912139-24912168	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_64259	QSNLAAALYQETEKEK	AGAP011453-PA	-	100	1.52E-09	1	1822.923	2.7	Malpighian tubule	3L:+:24913631-24913678	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_65268	QNDGIGGSIDR	AGAP011453-PA	-	56	2.76E-05	2	1131.540	0.9	Malpighian tubule	3L:+:24914166-24914198	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_67201	GLRYCHPGLHYSR	AGAP011453-PA	C5(Carbamidomethyl)	58	2.44E-05	1	1615.796	2.77	Malpighian tubule	3L:+:24912415-24912453	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_67279	MDVWLR	AGAP011453-PA	M1(Oxidation)	50	0.000155739	2	835.416	3.07	Malpighian tubule	3L:+:24913256-24913273	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_68354	YAEKPTPR	AGAP011453-PA	-	41	0.001554 67	1	961.511	0.5	Ovary	3L:+:24914034-24914057	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_70138	DGDVVYASVLEIQR	AGAP011453-PA	-	88	2.23E-08	1	1563.806	3.08	Salivary gland	3L:+:24913058-24913099	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_70232	GASEVVCVHVQDSVECAQR	AGAP011453-PA	C7(Carbamidomethyl), C16(Carbamidomethyl)	133	6.94E-13	1	2129.970	-0.39	Midgut	3L:+:24912169-24912225	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_70667	WCTTSLEEQDK	AGAP011453-PA	C2(Carbamidomethyl)	52	5.09E-05	2	1396.611	4.15	Malpighian tubule	3L:+:24913442-24913474	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_72421	AGLTSGVYPLLQCNNPTTNR	AGAP011453-PA	C13(Carbamidomethyl)	139	2.24E-13	1	2176.078	-1.69	Midgut	3L:+:24913493-24913552	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_75960	GASEVVCVHVQDSVECAQR	AGAP011453-PA	C7(Carbamidomethyl), C16(Carbamidomethyl)	40	0.001143431	1	2129.973	1.01	Ovary	3L:+:24912169-24912225	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_77594	QSNLAAALYQETEK	AGAP011453-PA	-	117	3.32E-11	1	1565.780	-0.43	Midgut	3L:+:24913631-24913672	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_77859	NVLCAAADTNR	AGAP011453-PA	C4(Carbamidomethyl)	64	5.46E-06	1	1204.574	0.02	Midgut	3L:+:24914199-24914231	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_79254	RQWEQSDNIVHLLTSLDVYLLNDPDFR	AGAP011453-PA	-	143	4.00E-14	1	3286.650	0.38	Midgut	3L:+:24914451-24914531	exon=> In CDS Exon 4 of transcript AGAP011453-PA

JHU_Ag_81908	WCTTSLEEQDKCDVLAK	AGAP011453-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	56	2.90E-05	1	2082.949	0.98	Visceras	3L:+:24913442-24913492	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_85001	ADFAGIDSNYGYLAR	AGAP011453-PA	N9(Deamidated)	133	7.89E-13	1	1632.763	-1.13	Midgut	3L:+:24913586-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_85518	YSSVVVLTK	AGAP011453-PA	-	59	8.32E-06	2	995.577	-0.19	Midgut	3L:+:24913679-24913705	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_89748	MDVWLR	AGAP011453-PA	M1(Oxidation)	44	0.000620008	2	835.416	3.21	Larva	3L:+:24913256-24913273	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_90001	AGLTSGVYPLLQCNNPTTNR	AGAP011453-PA	C13(Carbamidomethyl)	99	2.09E-09	1	2176.092	4.82	Larva	3L:+:24913493-24913552	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_91121	AVQIAAR	AGAP011453-PA	-	39	0.000701759	1	728.443	2.1	Salivary gland	3L:+:24913235-24913255	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_91213	AVQIAAR	AGAP011453-PA	-	47	7.28E-05	2	728.441	0.09	Midgut	3L:+:24913235-24913255	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_92020	EISADRADFAGIDSNYGYLAR	AGAP011453-PA	-	97	3.95E-09	1	2304.092	1.16	Ovary	3L:+:24913568-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_92565	QWEQSDNIVHLLTSLDVYLLNDPDFR	AGAP011453-PA	-	63	6.05E-06	1	3130.551	1	Midgut	3L:+:24914454-24914531	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_94023	EKYSSVVVLTK	AGAP011453-PA	-	49	6.97E-05	2	1252.714	-0.78	Midgut	3L:+:24913673-24913705	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_94204	NLLFEDSALGLVSPQHNELGTSVKNYIR	AGAP011453-PA	-	150	7.57E-15	1	3114.639	5.36	Malpighian tubule	3L:+:24914559-24914642	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_95084	AGLTSGVYPLLQCNNPTTNR	AGAP011453-PA	C13(Carbamidomethyl)	143	8.23E-14	1	2176.085	1.68	Salivary gland	3L:+:24913493-24913552	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_95169	MYNIFAGQR	AGAP011453-PA	M1(Oxidation)	69	1.24E-06	2	1099.534	-1.26	Midgut	3L:+:24914532-24914558	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_95175	YAEKPTPR	AGAP011453-PA	-	42	0.001105387	1	961.510	-0.08	Midgut	3L:+:24914034-24914057	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_95626	YAEKPTPR	AGAP011453-PA	-	44	0.000705135	1	961.512	1.45	Malpighian tubule	3L:+:24914034-24914057	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_96495	HTGGLDGLR	AGAP011453-PA	-	33	0.004560418	2	925.486	0.51	Malpighian tubule	3L:+:24912388-24912414	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_97705	AGLTSGVYPLLQCNNPTTNR	AGAP011453-PA	C13(Carbamidomethyl)	143	8.73E-14	1	2176.084	1.12	Malpighian tubule	3L:+:24913493-24913552	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_98983	YCHPGLHYSR	AGAP011453-PA	C2(Carbamidomethyl)	58	1.51E-05	1	1289.583	-1.05	Midgut	3L:+:24912424-24912453	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_99427	YTAECEQLQR	AGAP011453-PA	C5(Carbamidomethyl)	87	1.60E-08	1	1297.586	1.4	Midgut	3L:+:24912139-24912168	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_100046	MDVWLR	AGAP011453-PA	M1(Oxidation)	42	0.000837216	2	835.414	1.09	Salivary gland	3L:+:24913256-24913273	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_100195	NVLCAAADTNRYYGTR	AGAP011453-PA	C4(Carbamidomethyl)	67	3.19E-06	1	1844.879	4.65	Malpighian tubule	3L:+:24914199-24914246	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_101147	NLLFEDSALGLVSPQHNELGTSVK	AGAP011453-PA	-	37	0.001896706	1	2568.334	1.34	Male reproductive organs	3L:+:24914559-24914630	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_102711	MYNIFAGQR	AGAP011453-PA	-	36	0.002086513	2	1099.536	0.29	Ovary	3L:+:24914532-24914558	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_103339	AGLTSGVYPLLQCNNPTTNRINCLR	AGAP011453-PA	C13(Carbamidomethyl), C23(Carbamidomethyl)	87	2.47E-08	1	2832.441	5.87	Malpighian tubule	3L:+:24913493-24913567	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_103485	EISADRADFAGIDSNYGYLAR	AGAP011453-PA	-	111	1.44E-10	1	2304.093	1.8	Malpighian tubule	3L:+:24913568-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_104370	ADFAGIDSNYGYLAR	AGAP011453-PA	-	126	3.67E-12	1	1632.768	1.86	Salivary gland	3L:+:24913586-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_106161	GASEVVCVHVQDSVECAQR	AGAP011453-PA	C7(Carbamidomethyl), C16(Carbamidomethyl)	133	6.39E-13	1	2129.979	4.08	Malpighian tubule	3L:+:24912169-24912225	exon=> In CDS Exon 2 of transcript AGAP011453-PA

JHU_Ag_106565	SRHTGGLDGLR	AGAP011453-PA	-	57	1.65E-05	3	1168.618	-0.34	Midgut	3L:+:24912382-24912414	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_106717	NSLTSGAPWETAIIDILTR	AGAP011453-PA	-	131	6.63E-13	1	2058.098	5.71	Larva	3L:+:24913274-24913330	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_107168	QNDGIGGSIDR	AGAP011453-PA	-	56	2.80E-05	2	1131.539	0.14	Salivary gland	3L:+:24914166-24914198	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_107531	DGDVVYASVLEIQR	AGAP011453-PA	-	111	1.10E-10	2	1563.809	4.95	Midgut	3L:+:24913058-24913099	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_109780	DGDVVYASVLEIQR	AGAP011453-PA	-	95	4.61E-09	2	1563.808	4.17	Ovary	3L:+:24913058-24913099	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_111043	ADFAGIDSNYGYLAR	AGAP011453-PA	-	97	2.93E-09	2	1632.770	2.98	Visceras	3L:+:24913586-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_111048	AGLTSGVYPLLQCNNPTTNR	AGAP011453-PA	C13(Carbamidomethyl)	57	3.44E-05	1	2176.084	1.25	Pupa	3L:+:24913493-24913552	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_111058	NECDYGHLMSEFFSESCAPGSR	AGAP011453-PA	C3(Carbamidomethyl), C17(Carbamidomethyl),"C 3(Carbamidomethyl), M9(Oxidation), C17(Carbamidomethyl)"	99	2.01E-10	2	2580.034	4.44	Malpighian tubule	3L:+:24913911-24913976	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_112767	VLKHFER	AGAP011453-PA	-	42	0.000538725	1	928.538	1.53	Malpighian tubule	3L:+:24912475-24912495	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_113303	QSNLAAALYQETEK	AGAP011453-PA	-	39	0.002290847	2	1565.780	-0.12	Salivary gland	3L:+:24913631-24913672	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_113593	MDVWLR	AGAP011453-PA	M1(Oxidation)	44	0.000628569	2	835.412	-1.32	Midgut	3L:+:24913256-24913273	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_114847	NVLCAAADTNR	AGAP011453-PA	C4(Carbamidomethyl)	67	2.72E-06	2	1204.577	2.18	Larva	3L:+:24914199-24914231	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_115525	NECDYGHLMSEFFSESCAPGSR	AGAP011453-PA	C3(Carbamidomethyl), C17(Carbamidomethyl),"C 3(Carbamidomethyl), M9(Oxidation), C17(Carbamidomethyl)"	88	2.21E-09	1	2580.023	0.37	Midgut	3L:+:24913911-24913976	exon=> In CDS Exon 4 of transcript AGAP011453-PA
JHU_Ag_116146	YCHPGLHYSR	AGAP011453-PA	C2(Carbamidomethyl)	62	6.30E-06	1	1289.587	2.35	Salivary gland	3L:+:24912424-24912453	exon=> In CDS Exon 2 of transcript AGAP011453-PA
JHU_Ag_116636	ADFAGIDSNYGYLAR	AGAP011453-PA	-	102	8.80E-10	2	1632.774	5.22	Larva	3L:+:24913586-24913630	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_117704	DGDVVYASVLEIQR	AGAP011453-PA	-	96	3.44E-09	2	1563.809	4.95	Visceras	3L:+:24913058-24913099	exon=> In CDS Exon 3 of transcript AGAP011453-PA
JHU_Ag_3099	VAYVQGQSPAPK	AGAP011455-PA	-	58	2.48E-05	1	1244.665	0.95	Malpighian tubule	3L:+:24928380-24928415	exon=> In CDS Exon 1 of transcript AGAP011455-PA
JHU_Ag_73953	EHNYELDQDWWK	AGAP011455-PA	-	67	1.15E-06	1	1662.720	1.07	Midgut	3L:+:24929017-24929052	exon=> In CDS Exon 3 of transcript AGAP011455-PA
JHU_Ag_64823	THLLSGNDDVVTNYFSSR	AGAP011456-PA	-	57	2.96E-05	1	2024.972	2.31	Head	3L:+:24933026-24933038,24933123-24933163	exon=> In CDS Exon 2 and 3 of transcript AGAP011456-PA
JHU_Ag_5152	DNTVVGVGSGSTVVYAVHR	AGAP011457-PA	-	61	1.37E-05	1	1916.986	1.64	Male reproductive organs	3L:-:24934095-24934039	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_10637	QLIIEHGLVLGDLECNPR	AGAP011457-PA	C15(Carbamidomethyl)	96	2.81E-09	1	2076.094	1.7	Visceras	3L:-:24933972-24933919	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_12019	QLIIEHGLVLGDLECNPR	AGAP011457-PA	C15(Carbamidomethyl)	46	0.000256413	3	2076.095	2.23	Midgut	3L:-:24933972-24933919	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_13119	LVCIPTSFQAR	AGAP011457-PA	C3(Carbamidomethyl)	40	0.001363724	2	1291.683	0.29	Male reproductive organs	3L:-:24934005-24933973	exon=> In CDS Exon 1 of transcript AGAP011457-PA

JHU_Ag_15814	AGPVVTDNGNFILDWSFPADKEHDWDAVNR	AGAP011457-PA	-	170	1.07E-16	1	3385.594	1.99	Ovary	3L:-:24933572-24933483	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_19515	AYFGQQDGSVTER	AGAP011457-PA	-	53	5.18E-05	2	1457.666	-0.02	Head	3L:-:24933422-24933384	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_25149	AVDEYVKDNTVVGVGSGSTVVYAVHR	AGAP011457-PA	-	123	5.27E-12	1	2721.406	7.79	Malpighian tubule	3L:-:24934116-24934039	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_25811	DNTVVGVGSGSTVVYAVHR	AGAP011457-PA	-	41	0.001370869	1	1916.989	3.27	Pupa	3L:-:24934095-24934039	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_31471	AYFGQQDGSVTER	AGAP011457-PA	-	77	1.90E-07	1	1457.667	1.15	Malpighian tubule	3L:-:24933422-24933384	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_34177	AVDEYVKDNTVVGVGSGSTVVYAVHR	AGAP011457-PA	-	48	0.00018377	1	2721.389	1.64	Ovary	3L:-:24934116-24934039	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_40879	LDCAIDGADEVDAK	AGAP011457-PA	C3(Carbamidomethyl)	67	1.62E-06	2	1491.665	0.9	Head	3L:-:24933918-24933877	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_45004	AYFGQQDGSVTER	AGAP011457-PA	-	98	1.45E-09	2	1457.666	0.23	Male reproductive organs	3L:-:24933422-24933384	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_46056	LVVIADYTK	AGAP011457-PA	-	49	5.60E-05	1	1021.594	0.74	Ovary	3L:-:24933734-24933708	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_49199	LVCIPTSFQAR	AGAP011457-PA	C3(Carbamidomethyl)	43	0.000675657	1	1291.683	0.2	Ovary	3L:-:24934005-24933973	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_51550	LDCAIDGADEVDAK	AGAP011457-PA	C3(Carbamidomethyl)	72	4.60E-07	2	1491.663	-0.25	Ovary	3L:-:24933918-24933877	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_52147	AYFGQQDGSVTER	AGAP011457-PA	-	65	2.94E-06	2	1457.666	0.4	Midgut	3L:-:24933422-24933384	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_53852	AYFGQQDGSVTER	AGAP011457-PA	-	103	4.96E-10	1	1457.667	0.9	Visceras	3L:-:24933422-24933384	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_56519	GIPIEVAPMAYVPIK	AGAP011457-PA	M9(Oxidation)	90	5.46E-09	1	1613.899	1.16	Ovary	3L:-:24933674-24933630	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_66093	GIPIEVAPMAYVPIK	AGAP011457-PA	M9(Oxidation)	41	0.000387978	2	1613.906	5.63	Salivary gland	3L:-:24933674-24933630	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_66299	AGPVVTDNGNFILDWSFPADKEHDWDAVNR	AGAP011457-PA	-	135	3.94E-13	1	3385.593	1.7	Visceras	3L:-:24933572-24933483	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_67308	EIMMIPGVVDTGLFVGMATK	AGAP011457-PA	M3(Oxidation), M4(Oxidation), M17(Oxidation)	117	3.24E-11	1	2157.069	2.08	Ovary	3L:-:24933482-24933423	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_68311	GIPIEVAPMAYVPIK	AGAP011457-PA	-	50	5.09E-05	2	1597.904	1.36	Visceras	3L:-:24933674-24933630	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_68375	AYFGQQDGSVTER	AGAP011457-PA	-	112	5.61E-11	1	1457.667	0.82	Ovary	3L:-:24933422-24933384	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_82304	GIPIEVAPMAYVPIK	AGAP011457-PA	M9(Oxidation)	64	2.81E-06	1	1613.898	0.63	Male reproductive organs	3L:-:24933674-24933630	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_84623	LDCAIDGADEVDAK	AGAP011457-PA	C3(Carbamidomethyl)	44	0.000322916	2	1491.663	0	Midgut	3L:-:24933918-24933877	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_96167	QLIIEHGLVLGDLECNPR	AGAP011457-PA	C15(Carbamidomethyl)	96	2.90E-09	1	2076.088	-1.38	Ovary	3L:-:24933972-24933919	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_99442	LDCAIDGADEVDAK	AGAP011457-PA	C3(Carbamidomethyl)	73	4.32E-07	2	1491.664	0.57	Male reproductive organs	3L:-:24933918-24933877	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_100176	DNTVVGVGSGSTVVYAVHR	AGAP011457-PA	-	71	1.34E-06	1	1916.985	1.26	Ovary	3L:-:24934095-24934039	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_110819	LVCIPTSFQAR	AGAP011457-PA	C3(Carbamidomethyl)	43	0.000686834	2	1291.685	2.09	Visceras	3L:-:24934005-24933973	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_113361	DNTVVGVGSGSTVVYAVHR	AGAP011457-PA	-	73	7.44E-07	2	1916.979	-1.95	Head	3L:-:24934095-24934039	exon=> In CDS Exon 1 of transcript AGAP011457-PA
JHU_Ag_114779	GGGGCLLQEK	AGAP011457-PA	C5(Carbamidomethyl)	60	1.38E-05	1	1018.498	-0.38	Ovary	3L:-:24933861-24934284,24933375-24933759	exon=> In CDS Exon 2 and 1 of transcript AGAP011457-PA

JHU_Ag_115991	GIPIEVAPMAYVPIK	AGAP011457-PA	M9(Oxidation)	60	6.31E-06	1	1613.898	0.71	Midgut	3L:-:24933674-24933630	exon=> In CDS Exon 2 of transcript AGAP011457-PA
JHU_Ag_34031	LISATPVSDGEALAK	AGAP011458-PA	-	58	1.41E-05	2	1471.801	0.17	Ovary	3L:+:24937317-24937361	exon=> In CDS Exon 1 of transcript AGAP011458-PA
JHU_Ag_41432	AQQLEPQDEIVQQVLK	AGAP011458-PA	-	116	2.25E-11	1	1866.000	1.94	Ovary	3L:+:24937740-24937787	exon=> In CDS Exon 1 of transcript AGAP011458-PA
JHU_Ag_113937	ADVLFVIR	AGAP011458-PA	-	46	9.53E-05	2	932.557	0.14	Malpighian tubule	3L:+:24937293-24937316	exon=> In CDS Exon 1 of transcript AGAP011458-PA
JHU_Ag_11203	VGSCSPTCLTDR	AGAP011460-PA	C4(Carbamidomethyl), C8(Carbamidomethyl)	76	2.00E-07	1	1352.592	-1.22	Head	3L:+:24944303-24944338	exon=> In CDS Exon 3 of transcript AGAP011460-PA
JHU_Ag_22500	VGSCSPTCLTDRDCADIGGK	AGAP011460-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	88	1.05E-08	1	2168.940	1.5	Head	3L:+:24944303-24944362	exon=> In CDS Exon 3 of transcript AGAP011460-PA
JHU_Ag_96414	VGSCSPTCLTDRDCADIGGK	AGAP011460-PA	C4(Carbamidomethyl), C8(Carbamidomethyl), C14(Carbamidomethyl)	54	2.50E-05	1	2168.938	0.66	Malpighian tubule	3L:+:24944303-24944362	exon=> In CDS Exon 3 of transcript AGAP011460-PA
JHU_Ag_115426	YGSNSGSGSYCGSTK	AGAP011460-PA	C11(Carbamidomethyl)	29	0.003021662	2	1511.609	1.77	Head	3L:+:24944432-24944432,24944777-24944820	exon=> In CDS Exon 3 and 4 of transcript AGAP011460-PA
JHU_Ag_70888	ERIPSNLIDLNTPLPCHDYVNDK	AGAP011463-PA	C16(Carbamidomethyl)	57	3.06E-05	1	2723.343	-0.98	Head	3L:+:24968040-24968108	exon=> In CDS Exon 5 of transcript AGAP011463-PA
JHU_Ag_83716	HLLLIDPEGIVR	AGAP011463-PA	-	42	0.000137635	2	1374.815	3.58	Head	3L:+:24968437-24968466,24968536-24968541	exon=> In CDS Exon 6 and 7 of transcript AGAP011463-PA
JHU_Ag_4795	TDPVGTVEANTR	AGAP011464-PA	-	53	7.80E-05	2	1259.627	3.82	Salivary gland	3L:-:24972875-24972840	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_10126	HRDEYVDVLFHHLR	AGAP011464-PA	-	66	3.60E-06	1	1835.928	-1.11	Midgut	3L:-:24972660-24972619	exon=> In CDS Exon 4 of transcript AGAP011464-PA
JHU_Ag_12697	VIGQVWDSAADITEISVGVPK	AGAP011464-PA	-	53	3.83E-05	2	2184.155	-0.09	Head	3L:-:24973175-24973113	exon=> In CDS Exon 2 of transcript AGAP011464-PA
JHU_Ag_15792	TDPVGTVEANTR	AGAP011464-PA	-	71	1.07E-06	2	1259.617	-4.23	Midgut	3L:-:24972875-24972840	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_17528	AFHEPATSHYIR	AGAP011464-PA	-	75	4.59E-07	1	1428.699	-2.36	Head	3L:-:24972971-24972936	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_29731	DLPNYQVVLDR	AGAP011464-PA	-	65	5.93E-06	2	1331.695	-0.24	Midgut	3L:-:24973208-24973176	exon=> In CDS Exon 2 of transcript AGAP011464-PA
JHU_Ag_49212	DLPNYQVVLDR	AGAP011464-PA	-	77	3.42E-07	2	1331.697	0.86	Visceras	3L:-:24973208-24973176	exon=> In CDS Exon 2 of transcript AGAP011464-PA
JHU_Ag_56146	AFHEPATSHYIR	AGAP011464-PA	-	46	0.000403058	1	1428.704	1.21	Malpighian tubule	3L:-:24972971-24972936	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_56228	SSQMFHTNLLR	AGAP011464-PA	M4(Oxidation)	47	0.000346074	2	1349.661	-1.78	Head	3L:-:24972935-24972903	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_58616	VKDSWEQSGVK	AGAP011464-PA	-	57	3.73E-05	1	1262.640	2.14	Malpighian tubule	3L:-:24972839-24972807	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_62490	DLPNYQVVLDR	AGAP011464-PA	-	75	5.01E-07	2	1331.696	0.76	Head	3L:-:24973208-24973176	exon=> In CDS Exon 2 of transcript AGAP011464-PA
JHU_Ag_63033	CPALFLISK	AGAP011464-PA	C1(Carbamidomethyl)	60	8.79E-06	2	1048.584	-1.78	Visceras	3L:-:24972902-24972876	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_68417	CPALFLISK	AGAP011464-PA	C1(Carbamidomethyl)	64	3.87E-06	2	1048.586	-0.26	Malpighian tubule	3L:-:24972902-24972876	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_81231	QQCDRPAVLIISWLNAR	AGAP011464-PA	C3(Carbamidomethyl)	53	4.09E-05	1	2040.086	2.55	Head	3L:-:24973561-24973511	exon=> In CDS Exon 1 of transcript AGAP011464-PA
JHU_Ag_82281	DLPNYQVVLDR	AGAP011464-PA	-	41	0.001297393	2	1331.698	1.59	Pupa	3L:-:24973208-24973176	exon=> In CDS Exon 2 of transcript AGAP011464-PA
JHU_Ag_84847	TDPVGTVEANTR	AGAP011464-PA	-	51	0.000109171	2	1259.620	-1.9	Head	3L:-:24972875-24972840	exon=> In CDS Exon 3 of transcript AGAP011464-PA

JHU_Ag_88558	TDPVGTVEANTR	AGAP011464-PA	-	70	1.38E-06	1	1259.625	1.59	Malpighian tubule	3L:-:24972875-24972840	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_103934	TDPVGTVEANTR	AGAP011464-PA	-	58	2.26E-05	2	1259.625	1.68	Visceras	3L:-:24972875-24972840	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_111275	CPALFLISKTDPVGTVEANTR	AGAP011464-PA	C1(Carbamidomethyl)	92	5.97E-09	1	2289.200	3.88	Malpighian tubule	3L:-:24972902-24972840	exon=> In CDS Exon 3 of transcript AGAP011464-PA
JHU_Ag_113729	DLPNYQVVLDR	AGAP011464-PA	-	67	3.96E-06	1	1331.699	2.32	Malpighian tubule	3L:-:24973208-24973176	exon=> In CDS Exon 2 of transcript AGAP011464-PA
JHU_Ag_34065	LRLLLQR	AGAP011469-PA,AGAP012854-PA	-	32	0.000491 01	1	911.604	-11.93	Salivary gland	3L:+:24986641-24986661;UNKN:-:34240632-34240612	exon=> In CDS Exon 5 of transcript AGAP011469-PA;exon=> In CDS Exon 7 of transcript AGAP012854-PA
JHU_Ag_73226	LRLLLQR	AGAP011469-PA,AGAP012854-PA	-	35	0.000141 57	2	911.607	-8.6	Ovary	3L:+:24986641-24986661;UNKN:-:34240632-34240612	exon=> In CDS Exon 5 of transcript AGAP011469-PA;exon=> In CDS Exon 7 of transcript AGAP012854-PA
JHU_Ag_75773	LPGTAADRPNVYEFGTTYDDIYNDLAAK	AGAP011470-PA	-	94	5.47E-09	1	3090.475	1.98	Head	3L:+:24987419-24987502	exon=> In CDS Exon 1 of transcript AGAP011470-PA
JHU_Ag_23126	SSTINAVFLEK	AGAP011471-PA	-	56	2.50E-05	2	1208.658	4.82	Malpighian tubule	3L:-:24991118-24991086	exon=> In CDS Exon 2 of transcript AGAP011471-PA
JHU_Ag_25340	DHVPPVNLLCTLIPR	AGAP011471-PA	C10(Carbamidomethyl)	31	0.005963 356	1	1743.960	1.63	Ovary	3L:-:24990920-24990876	exon=> In CDS Exon 2 of transcript AGAP011471-PA
JHU_Ag_37841	LLTNAELIALFK	AGAP011471-PA	-	70	1.93E-07	2	1345.817	5.97	Ovary	3L:-:24991229-24991194	exon=> In CDS Exon 2 of transcript AGAP011471-PA
JHU_Ag_88496	SSTDVDEQFFKER	AGAP011471-PA	-	113	5.45E-11	1	1587.733	2.58	Malpighian tubule	3L:-:24989857-24989819	exon=> In CDS Exon 3 of transcript AGAP011471-PA
JHU_Ag_103994	LLTNAELIALFK	AGAP011471-PA	-	81	1.55E-08	2	1345.818	6.42	Malpighian tubule	3L:-:24991229-24991194	exon=> In CDS Exon 2 of transcript AGAP011471-PA
JHU_Ag_2679	VSATTTDLLLEVTSSVGHGPCVR	AGAP011472-PA	C21(Carbamidomethyl)	96	3.22E-09	1	2399.229	2.44	Malpighian tubule	3L:+:24994306-24994374	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_11906	VMNVLLER	AGAP011472-PA	M2(Oxidation)	59	1.67E-05	2	973.550	-0.44	Ovary	3L:+:24994375-24994398	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_12648	LTEVPGEFGK	AGAP011472-PA	-	35	0.006244 477	1	1076.562	-0.69	Ovary	3L:+:24993212-24993241	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_17195	VISLPPLTNCDETK	AGAP011472-PA	C10(Carbamidomethyl)	37	0.002427 196	1	1586.812	1.69	Ovary	3L:+:24994264-24994305	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_19838	LSVCNLSGNELAEVPQFHIGEVHHLTEVNLEK	AGAP011472-PA	C4(Carbamidomethyl)	114	4.08E-11	1	3612.823	3.04	Ovary	3L:+:24993314-24993409	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_24547	IESLTHLQSLLLYR	AGAP011472-PA	-	98	7.72E-10	1	1685.962	2.03	Ovary	3L:+:24993095-24993136	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_29676	YITLLTAR	AGAP011472-PA	-	33	0.000895 427	2	950.567	0.42	Ovary	3L:+:24994207-24994230	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_31708	QLATIATHDLAK	AGAP011472-PA	-	41	0.000412 433	1	1281.716	0.23	Ovary	3L:+:24993997-24994032	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_33148	IAQLPATIGQLGELK	AGAP011472-PA	-	78	2.25E-08	1	1551.911	0.48	Midgut	3L:+:24993143-24993187	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_35205	AVTLTVEQVQLYDHEGKPHSVFPGK	AGAP011472-PA	-	98	1.66E-09	1	2779.443	0.63	Ovary	3L:+:24994543-24994617	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_41769	LTGASVSER	AGAP011472-PA	-	51	0.000146 021	2	919.484	-0.15	Ovary	3L:+:24992966-24992992	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_45029	IESLTHLQSLLLYR	AGAP011472-PA	-	29	0.005168 791	1	1685.965	3.62	Visceras	3L:+:24993095-24993136	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_48747	IESLTHLQSLLLYR	AGAP011472-PA	-	78	6.46E-08	1	1685.962	1.89	Head	3L:+:24993095-24993136	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_50029	SLTTLNLSFNQLK	AGAP011472-PA	-	78	7.47E-08	2	1478.825	2.62	Malpighian tubule	3L:+:24993248-24993286	exon=> In CDS Exon 1 of transcript AGAP011472-PA

JHU_Ag_50906	NSIVALPEDLTR	AGAP011472-PA	-	50	8.48E-05	2	1327.723	1.33	Ovary	3L:+:24993410-24993445	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_69316	VTFTQEAR	AGAP011472-PA	-	49	0.000159711	2	951.489	-0.61	Ovary	3L:+:24993862-24993885	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_77244	VTAEQYYADLCHQAELLR	AGAP011472-PA	C11(Carbamidomethyl)	111	1.25E-10	1	2180.043	-0.58	Ovary	3L:+:24994114-24994167	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_80635	VTFTQEAR	AGAP011472-PA	-	41	0.000995199	2	951.490	0.67	Malpighian tubule	3L:+:24993862-24993885	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_81340	IAQLPATIGQLGELK	AGAP011472-PA	-	106	3.86E-11	1	1551.912	1.19	Ovary	3L:+:24993143-24993187	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_92523	VTAEQYYADLCHQAELLRK	AGAP011472-PA	C11(Carbamidomethyl)	79	1.67E-07	1	2308.142	1.41	Ovary	3L:+:24994114-24994170	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_102611	SLTTLNLSFNQLK	AGAP011472-PA	-	57	1.15E-05	2	1478.822	0.64	Ovary	3L:+:24993248-24993286	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_107652	VSATTTDLLLEVTSSVGHGPCVR	AGAP011472-PA	C21(Carbamidomethyl)	80	1.13E-07	1	2399.239	6.26	Ovary	3L:+:24994306-24994374	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_109389	YITLLTAR	AGAP011472-PA	-	33	0.001032833	2	950.570	2.92	Male reproductive organs	3L:+:24994207-24994230	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_110079	KLDLSALDR	AGAP011472-PA	-	39	0.001188502	2	1030.587	-1.69	Head	3L:+:24993287-24993313	exon=> In CDS Exon 1 of transcript AGAP011472-PA
JHU_Ag_112317	FLQLQNTLHDTECNRR	AGAP011472-PA	Q3(Deamidated), C13(Carbamidomethyl),C13(Carbamidomethyl)	86	4.18E-08	1	2044.999	0.45	Ovary	3L:+:24993949-24993996	exon=> In CDS Exon 2 of transcript AGAP011472-PA
JHU_Ag_708	AGIDGLLLATNIAEWR	AGAP011476-PA	-	124	2.64E-12	2	1712.933	-0.25	Midgut	3L:+:25028210-25028257	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_2043	DAYSVVSNILDSLDVGR	AGAP011476-PA	-	130	1.42E-12	2	1822.923	2.44	Visceras	3L:+:25028701-25028720,25028797-25028827	exon=> In CDS Exon 3 and 4 of transcript AGAP011476-PA
JHU_Ag_7227	DVFPLRELESGSIVDTVR	AGAP011476-PA	-	55	3.13E-05	1	2032.074	1.22	Ovary	3L:+:25029288-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_7752	VAPSMLECYESAQIFER	AGAP011476-PA	C8(Carbamidomethyl)	148	2.13E-14	1	2029.939	1.55	Malpighian tubule	3L:+:25027014-25027064	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_9440	LALMIVHTDR	AGAP011476-PA	-	31	0.00430713	1	1168.654	2.59	Salivary gland	3L:+:25029123-25029152	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_11491	DVFPLRELESGSIVDTVR	AGAP011476-PA	-	43	0.00047401	3	2032.080	4.37	Visceras	3L:+:25029288-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_11535	VSEGDTNFAIQHLQIFR	AGAP011476-PA	-	88	2.95E-08	1	1975.003	-0.22	Ovary	3L:+:25029153-25029203	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_11754	CGHDWVQENWGSNSMNQFVEPR	AGAP011476-PA	C1(Carbamidomethyl), M15(Oxidation)	34	0.00168674	3	2693.130	1.47	Malpighian tubule	3L:+:25029405-25029470	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_12398	VSEGDTNFAIQHLQIFR	AGAP011476-PA	-	150	1.85E-14	1	1975.005	1.08	Visceras	3L:+:25029153-25029203	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_14215	ELESGSIVDTVR	AGAP011476-PA	-	53	0.000108461	2	1304.670	0.89	Visceras	3L:+:25029306-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_15500	DVFPLRELESGSIVDTVR	AGAP011476-PA	-	99	1.34E-09	1	2032.074	1.64	Midgut	3L:+:25029288-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_23857	VSEGDTNFAIQHLQIFR	AGAP011476-PA	-	38	0.003223621	1	1975.005	0.7	Pupa	3L:+:25029153-25029203	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_26328	DLFTTVAPMQQLR	AGAP011476-PA	M9(Oxidation)	76	4.13E-07	2	1535.787	-1.41	Midgut	3L:+:25028354-25028392	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_26705	IQGHGFATLTVCHSR	AGAP011476-PA	C12(Carbamidomethyl)	97	3.14E-09	1	1683.834	-2.63	Midgut	3L:+:25029537-25029581	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_26893	TINTDAYDIDLSNACDGHSVIHTCPPLFVSVEGPLNPPAVIR	AGAP011476-PA	C15(Carbamidomethyl), C24(Carbamidomethyl)	81	5.91E-08	1	4575.236	1.64	Malpighian tubule	3L:+:25029703-25029828	exon=> In CDS Exon 6 of transcript AGAP011476-PA

JHU_Ag_27002	RIVNPR	AGAP011476-PA	-	33	0.000467996	2	754.470	2.72	Malpighian tubule	3L:+:25029387-25029404	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_28262	KVEDTPGFQQDIR	AGAP011476-PA	-	69	1.93E-06	2	1532.775	2.8	Malpighian tubule	3L:+:25027113-25027151	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_29315	DAYSVVSNILDSLDVGR	AGAP011476-PA	-	139	2.01E-13	1	1822.910	-4.26	Midgut	3L:+:25028701-25028720,25028797-25028827	exon=> In CDS Exon 3 and 4 of transcript AGAP011476-PA
JHU_Ag_30577	RTNNLSGR	AGAP011476-PA	-	42	0.001126462	2	917.488	-3.52	Malpighian tubule	3L:+:25029093-25029116	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_32873	EHLQMTDTEIR	AGAP011476-PA	M5(Oxidation)	72	8.72E-07	1	1388.647	-0.09	Midgut	3L:+:25028177-25028209	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_34532	FLYLAAGDPGR	AGAP011476-PA	-	72	8.25E-07	2	1179.615	-0.29	Midgut	3L:+:25029225-25029257	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_39188	ELESGSIVDTVR	AGAP011476-PA	-	72	1.17E-06	2	1304.670	0.61	Salivary gland	3L:+:25029306-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_41458	DLFTTVAPMQQLR	AGAP011476-PA	-	35	0.004228499	2	1519.794	0.37	Salivary gland	3L:+:25028354-25028392	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_43209	FLYLAAGDPGR	AGAP011476-PA	-	67	2.97E-06	2	1179.615	-0.39	Malpighian tubule	3L:+:25029225-25029257	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_45288	CALHFMLSNSIDRR	AGAP011476-PA	C1(Carbamidomethyl)	34	0.008112559	1	1719.841	-0.5	Midgut	3L:+:25027415-25027456	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_45506	TINTDAYDIDLSNACDGHSVIHTCPPLFVSVEGPLNPPAVIR	AGAP011476-PA	C15(Carbamidomethyl), C24(Carbamidomethyl)	61	5.71E-06	1	4575.247	4.09	Midgut	3L:+:25029703-25029828	exon=> In CDS Exon 6 of transcript AGAP011476-PA
JHU_Ag_47036	APGVTSMSGVIPFSPTEFQFTK	AGAP011476-PA	M7(Oxidation)	55	4.13E-05	1	2344.161	3.46	Larva	3L:+:25027203-25027268	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_48317	ELESGSIVDTVR	AGAP011476-PA	-	61	1.61E-05	1	1304.670	0.61	Ovary	3L:+:25029306-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_49319	VQLSPVIHR	AGAP011476-PA	-	45	0.000126026	1	1048.628	1.3	Salivary gland	3L:+:25029342-25029368	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_49363	VQLSPVIHR	AGAP011476-PA	-	59	4.55E-06	2	1048.621	-4.85	Midgut	3L:+:25029342-25029368	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_50180	VRGDENIR	AGAP011476-PA	-	46	0.000326865	2	958.507	0.7	Malpighian tubule	3L:+:25027457-25027480	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_57008	IQQEPR	AGAP011476-PA	-	42	0.00035925	2	770.416	0.26	Midgut	3L:+:25029369-25029386	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_57632	DVFPLRELESGSIVDTVR	AGAP011476-PA	-	93	4.22E-09	1	2032.081	5.01	Malpighian tubule	3L:+:25029288-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_57633	GVNFYRLHPNYFFR	AGAP011476-PA	-	67	2.99E-06	1	1829.931	3.88	Malpighian tubule	3L:+:25029471-25029512	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_61579	VQLSPVIHR	AGAP011476-PA	-	53	1.76E-05	1	1048.630	3.41	Malpighian tubule	3L:+:25029342-25029368	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_61834	APGVTSMSGVIPFSPTEFQFTK	AGAP011476-PA	M7(Oxidation)	84	6.85E-08	1	2328.152	-2.79	Midgut	3L:+:25027203-25027268	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_61897	CGHDWVQENWGSNSMNQFVEPR	AGAP011476-PA	C1(Carbamidomethyl), M15(Oxidation)	109	5.84E-11	1	2693.131	1.81	Midgut	3L:+:25029405-25029470	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_62734	EETNNLMSTER	AGAP011476-PA	-	34	0.002876164	2	1323.582	-1.8	Midgut	3L:+:25029060-25029092	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_66390	FRQDGIVR	AGAP011476-PA	-	39	0.001392188	2	990.549	0.71	Malpighian tubule	3L:+:25027179-25027202	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_66602	MREETNNLMSTER	AGAP011476-PA	M9(Oxidation),M1(Oxidation)	72	6.40E-07	1	1610.727	0.33	Midgut	3L:+:25029054-25029092	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_67141	VSEGDTNFAIQHLQIFREEVPDLR	AGAP011476-PA	-	91	8.68E-09	1	2813.415	-2.57	Midgut	3L:+:25029153-25029224	exon=> In CDS Exon 5 of transcript AGAP011476-PA

JHU_Ag_74723	DAYSVVSNILDSLDVGR	AGAP011476-PA	-	68	2.18E-06	1	1822.920	0.96	Malpighian tubule	3L:+:25028701-25028720,25028797-25028827	exon=> In CDS Exon 3 and 4 of transcript AGAP011476-PA
JHU_Ag_76623	ELESGSIVDTVR	AGAP011476-PA	-	86	5.07E-08	2	1304.672	1.82	Midgut	3L:+:25029306-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_78658	CALHFMLSNSIDR	AGAP011476-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M6(Oxidation)"	80	1.39E-07	1	1579.731	-3.01	Midgut	3L:+:25027415-25027453	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_79655	VSEGDTNFAIQHLQIFR	AGAP011476-PA	-	110	1.85E-10	1	1975.006	1.26	Salivary gland	3L:+:25029153-25029203	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_80294	MREETNNLMSTER	AGAP011476-PA	M9(Oxidation),"M1(Oxidation), M9(Oxidation)",M1(Oxidation)	72	4.69E-07	1	1642.718	1.23	Malpighian tubule	3L:+:25029054-25029092	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_80646	DNRLPMTMNMLIELIR	AGAP011476-PA	M6(Oxidation), M10(Oxidation),"M8(Oxidation), M10(Oxidation)",M6(Oxidation),"M6(Oxidation), M8(Oxidation)","M6(Oxidation), M8(Oxidation), M10(Oxidation)",M8(Oxidation),M10(Oxidation)	101	1.14E-09	1	2008.001	-0.67	Midgut	3L:+:25027065-25027112	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_82833	FLYLAAGDPGR	AGAP011476-PA	-	48	0.000213411	2	1179.617	1.47	Salivary gland	3L:+:25029225-25029257	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_83008	VEDTPGFQQDIR	AGAP011476-PA	-	78	3.09E-07	2	1404.678	1.83	Midgut	3L:+:25027116-25027151	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_83859	VAPSMLECYESAQIFER	AGAP011476-PA	M5(Oxidation), C8(Carbamidomethyl),C8(Carbamidomethyl)	145	4.80E-14	1	2029.935	-0.37	Midgut	3L:+:25027014-25027064	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_85346	VSEGDTNFAIQHLQIFR	AGAP011476-PA	-	165	5.91E-16	1	1975.004	0.16	Malpighian tubule	3L:+:25029153-25029203	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_85821	LALMIVHTDR	AGAP011476-PA	-	50	6.11E-05	1	1168.653	2.34	Malpighian tubule	3L:+:25029123-25029152	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_89167	LPMTMNMLIELIR	AGAP011476-PA	M5(Oxidation), M7(Oxidation),"M3(Oxidation), M5(Oxidation)",M3(Oxidation), M5(Oxidation), M7(Oxidation)",M5(Oxidation),"M3(Oxidation), M7(Oxidation)",M3(Oxidation),M7(Oxidation)	121	9.40E-12	1	1590.840	-0.83	Midgut	3L:+:25027074-25027112	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_92255	LSQVLDMYYSHR	AGAP011476-PA	M7(Oxidation)	47	0.000303453	1	1527.733	4.66	Larva	3L:+:25028279-25028314	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_95693	RIVNPR	AGAP011476-PA	-	29	0.001268 36	2	754.468	0.13	Midgut	3L:+:25029387-25029404	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_95863	TASDLYIFIDAAWPHR	AGAP011476-PA	-	99	2.15E-09	1	1875.944	2.57	Midgut	3L:+:25028653-25028700	exon=> In CDS Exon 3 of transcript AGAP011476-PA
JHU_Ag_96863	VSEGDTNFAIQHLQIFR	AGAP011476-PA	N7(Deamidated)	152	1.13E-14	1	1974.997	-3.37	Midgut	3L:+:25029153-25029203	exon=> In CDS Exon 5 of transcript AGAP011476-PA

JHU_Ag_96992	DLFTTVAPMQQLR	AGAP011476-PA	M9(Oxidation)	37	0.002769287	2	1519.796	1.25	Ovary	3L:+:25028354-25028392	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_97576	FLYLAAGDPGRFNR	AGAP011476-PA	-	55	4.06E-05	1	1596.829	0.66	Malpighian tubule	3L:+:25029225-25029266	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_98929	LALMIVHTDR	AGAP011476-PA	M4(Oxidation)	76	1.91E-07	1	1184.645	-0.4	Midgut	3L:+:25029123-25029152	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_100299	KVEDTPGFQQDIR	AGAP011476-PA	-	87	3.10E-08	1	1532.773	1.84	Midgut	3L:+:25027113-25027151	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_100869	AGIDGLLLATNIAEWR	AGAP011476-PA	-	104	2.69E-10	1	1712.941	4.45	Ovary	3L:+:25028210-25028257	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_101213	AGIDGLLLATNIAEWR	AGAP011476-PA	-	81	5.19E-08	2	1712.945	7.09	Malpighian tubule	3L:+:25028210-25028257	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_101664	LSQVLDMYYSHR	AGAP011476-PA	M7(Oxidation)	101	1.14E-09	1	1527.722	-2.69	Midgut	3L:+:25028279-25028314	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_102222	VQLSPVIHR	AGAP011476-PA	-	53	1.98E-05	1	1048.627	0.52	Visceras	3L:+:25029342-25029368	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_104076	LSQVLDMYYSHR	AGAP011476-PA	M7(Oxidation)	62	9.74E-06	1	1511.735	2.73	Malpighian tubule	3L:+:25028279-25028314	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_104109	APGVTSMSGVIPFSPTEFQFTK	AGAP011476-PA	M7(Oxidation)	71	1.02E-06	2	2344.165	5.12	Malpighian tubule	3L:+:25027203-25027268	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_104705	IQQEPR	AGAP011476-PA	-	33	0.002208249	2	770.421	6.67	Malpighian tubule	3L:+:25029369-25029386	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_105295	EQTVAFSTVLDK	AGAP011476-PA	-	70	1.17E-06	2	1337.695	-0.02	Midgut	3L:+:25028393-25028428	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_105850	ELESGSIVDTVR	AGAP011476-PA	-	75	5.73E-07	2	1304.672	1.92	Malpighian tubule	3L:+:25029306-25029341	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_106538	DLFTTVAPMQQLR	AGAP011476-PA	M9(Oxidation)	48	0.000243207	1	1519.797	1.81	Malpighian tubule	3L:+:25028354-25028392	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_106620	QLAISMLHR	AGAP011476-PA	-	33	0.002530905	1	1068.599	0.39	Midgut	3L:+:25027152-25027178	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_111793	EEVPDLR	AGAP011476-PA	-	38	0.001203522	1	857.436	0.04	Midgut	3L:+:25029204-25029224	exon=> In CDS Exon 5 of transcript AGAP011476-PA
JHU_Ag_113324	KVEDTPGFQQDIR	AGAP011476-PA	-	66	4.03E-06	2	1532.775	3.27	Visceras	3L:+:25027113-25027151	exon=> In CDS Exon 1 of transcript AGAP011476-PA
JHU_Ag_114145	VRGDENIR	AGAP011476-PA	-	54	5.37E-05	1	958.506	-0.45	Midgut	3L:+:25027457-25027480	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_116859	DLFTTVAPMQQLR	AGAP011476-PA	-	45	0.000467	2	1519.795	0.85	Visceras	3L:+:25028354-25028392	exon=> In CDS Exon 2 of transcript AGAP011476-PA
JHU_Ag_10507	VVGGSDTTIEAHPYQVSLRR	AGAP011477-PA	-	76	2.65E-07	1	2185.134	-1.07	Midgut	3L:-:25031959-25031900	exon=> In CDS Exon 2 of transcript AGAP011477-PA
JHU_Ag_14611	VVGIVSWGYGCAFENYPSVYTR	AGAP011477-PA	C11(Carbamidomethyl)	85	4.05E-08	2	2524.189	-2.92	Midgut	3L:-:25031231-25031166	exon=> In CDS Exon 4 of transcript AGAP011477-PA
JHU_Ag_26373	VSEFLDFIGQHF	AGAP011477-PA	-	86	4.40E-08	1	1438.708	5.12	Larva	3L:-:25031165-25031130	exon=> In CDS Exon 4 of transcript AGAP011477-PA
JHU_Ag_81169	DACQGDSGGPLVYQSR	AGAP011477-PA	C3(Carbamidomethyl)	111	5.77E-11	2	1709.755	0.05	Midgut	3L:-:25031279-25031232	exon=> In CDS Exon 4 of transcript AGAP011477-PA
JHU_Ag_81206	LVSSLQLSPTVQPISLPDR	AGAP011477-PA	-	132	2.24E-13	1	2050.157	1.18	Midgut	3L:-:25031598-25031542	exon=> In CDS Exon 3 of transcript AGAP011477-PA
JHU_Ag_88290	VSEFLDFIGQHF	AGAP011477-PA	-	89	1.87E-08	1	1438.701	0.45	Midgut	3L:-:25031165-25031130	exon=> In CDS Exon 4 of transcript AGAP011477-PA
JHU_Ag_105557	LVSSLQLSPTVQPISLPDR	AGAP011477-PA	-	98	3.63E-10	1	2050.169	7.01	Larva	3L:-:25031598-25031542	exon=> In CDS Exon 3 of transcript AGAP011477-PA
JHU_Ag_108301	LVSSLQLSPTVQPISLPDR	AGAP011477-PA	-	109	5.14E-11	2	2050.154	-0.37	Pupa	3L:-:25031598-25031542	exon=> In CDS Exon 3 of transcript AGAP011477-PA

JHU_Ag_111849	HSCGGAILNTNTILTAAHCVDYPELVPSDFEVR	AGAP011477-PA	C3(Carbamidomethyl), C19(Carbamidomethyl)	39	0.001286513	1	3656.759	3.19	Midgut	3L:-:25031890-25031972,25031485-25031710	exon=> In CDS Exon 3 and 2 of transcript AGAP011477-PA
JHU_Ag_115328	VVGGSDTTIEAHPYQVSLR	AGAP011477-PA	-	120	1.37E-11	1	2029.033	-0.91	Midgut	3L:-:25031959-25031903	exon=> In CDS Exon 2 of transcript AGAP011477-PA
JHU_Ag_117721	NFAPILPFHICAGHK	AGAP011477-PA	C11(Carbamidomethyl)	58	2.31E-05	2	1721.894	-0.18	Midgut	3L:-:25031330-25031286	exon=> In CDS Exon 4 of transcript AGAP011477-PA
JHU_Ag_6953	APLSIAPIKHEYSYTGK	AGAP011478-PA	-	105	3.16E-10	1	1875.006	2.74	Male reproductive organs	3L:-:25044331-25044281	exon=> In CDS Exon 2 of transcript AGAP011478-PA
JHU_Ag_11079	EGEAGWNIHIDPDTFSTR	AGAP011478-PA	-	73	6.74E-07	1	2044.938	0.87	Male reproductive organs	3L:-:25039056-25039003	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_11709	FPLSVAGSAK	AGAP011478-PA	-	41	0.000713646	2	976.547	1.05	Pupa	3L:-:25044235-25044451,25043928-25044060	exon=> In CDS Exon 3 and 2 of transcript AGAP011478-PA
JHU_Ag_15820	QFLGIWYVIQK	AGAP011478-PA	-	63	3.03E-06	2	1394.786	2.01	Head	3L:-:25048917-25049055,25044226-25044422	exon=> In CDS Exon 2 and 1 of transcript AGAP011478-PA
JHU_Ag_15913	EGEAGWNIHIDPDTFSTR	AGAP011478-PA	-	50	0.000110952	1	2044.946	4.9	Malpighian tubule	3L:-:25039056-25039003	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_17088	NPDTPDEYFIEQISQK	AGAP011478-PA	-	55	4.91E-05	2	1923.904	3.5	Pupa	3L:-:25044379-25044332	exon=> In CDS Exon 2 of transcript AGAP011478-PA
JHU_Ag_24010	NPDTPDEYFIEQISQK	AGAP011478-PA	-	83	6.66E-08	2	1923.903	3.18	Larva	3L:-:25044379-25044332	exon=> In CDS Exon 2 of transcript AGAP011478-PA
JHU_Ag_36113	APLSIAPIKHEYSYTGK	AGAP011478-PA	-	88	1.79E-08	1	1875.010	4.66	Larva	3L:-:25044331-25044281	exon=> In CDS Exon 2 of transcript AGAP011478-PA
JHU_Ag_36552	FPLSVAGSAK	AGAP011478-PA	-	62	6.23E-06	1	976.546	-0.26	Male reproductive organs	3L:-:25044235-25044451,25043928-25044060	exon=> In CDS Exon 3 and 2 of transcript AGAP011478-PA
JHU_Ag_40550	AGEAIGDGFEAAVNAGK	AGAP011478-PA	-	99	1.93E-09	2	1576.766	3.5	Malpighian tubule	3L:-:25038978-25038928	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_43779	TGDCPSVEPMSGFSMK	AGAP011478-PA	C4(Carbamidomethyl), M10(Oxidation), M15(Oxidation)	55	6.75E-06	1	1761.717	2.36	Larva	3L:-:25048965-25048918	exon=> In CDS Exon 1 of transcript AGAP011478-PA
JHU_Ag_45584	APLSIAPIKHEYSYTGK	AGAP011478-PA	-	74	4.12E-07	1	1875.005	2.02	Pupa	3L:-:25044331-25044281	exon=> In CDS Exon 2 of transcript AGAP011478-PA
JHU_Ag_50363	AGEAIGDGFEAAVNAGK	AGAP011478-PA	-	134	5.95E-13	1	1576.763	1.41	Male reproductive organs	3L:-:25038978-25038928	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_59229	NPDTPDEYFIEQISQK	AGAP011478-PA	-	95	4.90E-09	1	1923.901	1.85	Male reproductive organs	3L:-:25044379-25044332	exon=> In CDS Exon 2 of transcript AGAP011478-PA
JHU_Ag_61786	EGEAGWNIHIDPDTFSTR	AGAP011478-PA	-	43	0.000572034	1	2044.945	4.54	Larva	3L:-:25039056-25039003	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_67766	AGEAIGDGFEAAVNAGKK	AGAP011478-PA	-	70	1.93E-06	1	1704.861	3.33	Malpighian tubule	3L:-:25038978-25038925	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_69914	AGEAIGDGFEAAVNAGK	AGAP011478-PA	-	85	4.90E-08	2	1576.769	5.35	Larva	3L:-:25038978-25038928	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_71621	QFLGIWYVIQK	AGAP011478-PA	-	48	9.25E-05	2	1394.791	5.95	Larva	3L:-:25048917-25049055,25044226-25044422	exon=> In CDS Exon 2 and 1 of transcript AGAP011478-PA
JHU_Ag_72626	QFLGIWYVIQK	AGAP011478-PA	-	60	5.87E-06	2	1394.783	-0.18	Male reproductive organs	3L:-:25048917-25049055,25044226-25044422	exon=> In CDS Exon 2 and 1 of transcript AGAP011478-PA
JHU_Ag_79248	EGEAGWNIHIDPDTFSTR	AGAP011478-PA	-	48	0.000189073	1	2044.935	-0.38	Pupa	3L:-:25039056-25039003	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_97842	EGEAGWNIHIDPDTFSTR	AGAP011478-PA	-	43	0.000678203	1	2044.945	4.18	Head	3L:-:25039056-25039003	exon=> In CDS Exon 4 of transcript AGAP011478-PA

JHU_Ag_109922	AGEAIGDGFEAAVNAGKK	AGAP011478-PA	-	64	7.20E-06	1	1704.856	0.22	Male reproductive organs	3L:-:25038978-25038925	exon=> In CDS Exon 4 of transcript AGAP011478-PA
JHU_Ag_81821	ESTLSHLEEFATEGLR	AGAP011483-PA	-	52	0.000103298	2	1818.902	8.04	Head	3L:+:25284124-25284171	exon=> In CDS Exon 9 of transcript AGAP011483-PA
JHU_Ag_87587	ILETK	AGAP011483-PA	-	34	0.002001492	1	603.373	2.71	Malpighian tubule	3L:+:25279151-25279165	exon=> In CDS Exon 1 of transcript AGAP011483-PA
JHU_Ag_40959	KEQEER	AGAP011485-PA,AGAP009037-PA	Q3(Deamidated)	40	0.001282374	2	819.383	-1.94	Head	3L:-:25306405-25306388;3R:-:24471995-24472084,24471738-24471905	exon=> In CDS Exon 2 of transcript AGAP011485-PA;exon=> In CDS Exon 6 and 5 of transcript AGAP009037-PA
JHU_Ag_22528	NTALQHNIIR	AGAP011492-PA	N1(Deamidated), N7(Deamidated),"N1(Deamidated), Q5(Deamidated)"	35	0.004515671	1	1181.616	-9.91	Visceras	3L:-:25425143-25425114	exon=> In CDS Exon 3 of transcript AGAP011492-PA
JHU_Ag_69845	TIVPAVNGAEPHSVDPGTSPTFPNTTVDMER	AGAP011492-PA	N7(Deamidated),"N7(Deamidated), M29(Oxidation)",M29(Oxidation)	89	1.66E-08	1	3237.550	4.13	Head	3L:-:25426054-25425962	exon=> In CDS Exon 1 of transcript AGAP011492-PA
JHU_Ag_108518	NTALQHNIIR	AGAP011492-PA	-	51	5.63E-05	1	1179.656	-2.56	Head	3L:-:25425143-25425114	exon=> In CDS Exon 3 of transcript AGAP011492-PA
JHU_Ag_7408	MGLYQEVLYK	AGAP011493-PA	M1(Oxidation)	56	3.56E-05	2	1259.643	6.69	Larva	3L:+:25438496-25438525	exon=> In CDS Exon 2 of transcript AGAP011493-PA
JHU_Ag_47449	MGLYQEVLYK	AGAP011493-PA	M1(Oxidation)	44	0.000658447	2	1259.633	-0.87	Male reproductive organs	3L:+:25438496-25438525	exon=> In CDS Exon 2 of transcript AGAP011493-PA
JHU_Ag_43257	QLIKQQQQEQQQTLTPNK	AGAP011496-PA	Q1(Deamidated), Q5(Deamidated), N17(Deamidated)	33	0.005338367	1	2184.125	4.9	Midgut	3L:+:25452648-25452686,25452807-25452821	exon=> In CDS Exon 1 and 2 of transcript AGAP011496-PA
JHU_Ag_77732	KLSPEAR	AGAP011497-PA	-	43	0.000762669	2	800.466	4.18	Malpighian tubule	3L:+:25462429-25462449	exon=> In CDS Exon 1 of transcript AGAP011497-PA
JHU_Ag_1021	LNEVIVNK	AGAP011498-PA	-	35	0.002887128	1	928.546	0.08	Head	3L:-:25477888-25477865	exon=> In CDS Exon 17 of transcript AGAP011498-PA
JHU_Ag_1441	LFSFVSQLK	AGAP011498-PA	-	67	1.08E-06	1	1068.609	0.19	Head	3L:-:25487321-25487295	exon=> In CDS Exon 10 of transcript AGAP011498-PA
JHU_Ag_1633	LNDDFTPK	AGAP011498-PA	-	53	8.50E-05	2	949.463	0.63	Head	3L:-:25487354-25487331	exon=> In CDS Exon 10 of transcript AGAP011498-PA
JHU_Ag_3477	NWRPQILMLAK	AGAP011498-PA	M8(Oxidation)	54	4.20E-05	2	1385.776	2.63	Head	3L:-:25487387-25487355	exon=> In CDS Exon 10 of transcript AGAP011498-PA
JHU_Ag_11089	FGQSIGGK	AGAP011498-PA	-	55	5.09E-05	2	793.418	-2.44	Head	3L:-:25488170-25488147	exon=> In CDS Exon 8 of transcript AGAP011498-PA
JHU_Ag_20383	MHTAVK	AGAP011498-PA	M1(Oxidation)	44	0.000401075	1	702.360	-0.44	Head	3L:-:25477906-25477889	exon=> In CDS Exon 17 of transcript AGAP011498-PA
JHU_Ag_24564	EAGSEEADREEK	AGAP011498-PA	-	66	1.37E-06	1	1349.578	-2.56	Head	3L:-:25478362-25478327	exon=> In CDS Exon 14 of transcript AGAP011498-PA
JHU_Ag_27979	DKFGQSIGGK	AGAP011498-PA	-	49	0.000171088	1	1036.543	0.63	Head	3L:-:25488269-25488421,25487779-25488147	exon=> In CDS Exon 8 and 7 of transcript AGAP011498-PA
JHU_Ag_29927	IFTVAQMEDNSIQIK	AGAP011498-PA	M7(Oxidation)	101	1.19E-09	2	1736.895	3.45	Head	3L:-:25485451-25485407	exon=> In CDS Exon 12 of transcript AGAP011498-PA
JHU_Ag_38477	TWHVFLQTVR	AGAP011498-PA	-	70	1.36E-06	1	1286.704	2.49	Head	3L:-:25485743-25485714	exon=> In CDS Exon 11 of transcript AGAP011498-PA
JHU_Ag_56536	SAFKPDEGNVR	AGAP011498-PA	-	54	7.27E-05	1	1219.606	-0.82	Head	3L:-:25478058-25478081,25477789-25477910	exon=> In CDS Exon 17 and 16 of transcript AGAP011498-PA
JHU_Ag_68382	GINFFPAIGDK	AGAP011498-PA	-	64	6.23E-06	2	1178.621	0.03	Head	3L:-:25485674-25485642	exon=> In CDS Exon 11 of transcript AGAP011498-PA

JHU_Ag_70302	FADPSENKEAGSEEADR	AGAP011498-PA	-	94	3.06E-09	1	1851.804	2.64	Head	3L:-:25478386-25478336	exon=> In CDS Exon 14 of transcript AGAP011498-PA
JHU_Ag_78078	MALLVPK	AGAP011498-PA	-	42	0.000477305	2	771.479	-1.47	Head	3L:-:25485695-25485675	exon=> In CDS Exon 11 of transcript AGAP011498-PA
JHU_Ag_78130	QSEDDRTWHVFLQTVR	AGAP011498-PA	Q1(Deamidated)	79	2.25E-07	1	2016.993	2.02	Head	3L:-:25485761-25485714	exon=> In CDS Exon 11 of transcript AGAP011498-PA
JHU_Ag_79907	GIALSAAR	AGAP011498-PA	-	47	0.000380317	2	758.450	-2.35	Head	3L:-:25487453-25487430	exon=> In CDS Exon 10 of transcript AGAP011498-PA
JHU_Ag_80409	SHDAQLVILNLPGPPK	AGAP011498-PA	-	46	9.99E-05	3	1698.953	-0.46	Visceras	3L:-:25477864-25477817	exon=> In CDS Exon 17 of transcript AGAP011498-PA
JHU_Ag_85613	ESNYMEFLEVLTEGLER	AGAP011498-PA	M5(Oxidation)	103	6.95E-10	1	2074.963	-0.32	Head	3L:-:25477798-25477928,25473136-25473187	exon=> In CDS Exon 18 and 17 of transcript AGAP011498-PA
JHU_Ag_85622	LEEGPPHTK	AGAP011498-PA	-	58	2.41E-05	1	1007.510	-5.7	Head	3L:-:25487414-25487388	exon=> In CDS Exon 10 of transcript AGAP011498-PA
JHU_Ag_91270	GLAVVVSLIPGDFTR	AGAP011498-PA	-	67	6.78E-07	2	1543.890	3.86	Head	3L:-:25487285-25487241	exon=> In CDS Exon 10 of transcript AGAP011498-PA
JHU_Ag_96103	SAFKPDEGNVRR	AGAP011498-PA	-	56	4.70E-05	1	1375.707	-0.91	Head	3L:-:25478058-25478081,25477789-25477907	exon=> In CDS Exon 17 and 16 of transcript AGAP011498-PA
JHU_Ag_97244	SHDAQLVILNLPGPPK	AGAP011498-PA	-	127	8.41E-13	2	1698.958	2.64	Head	3L:-:25477864-25477817	exon=> In CDS Exon 17 of transcript AGAP011498-PA
JHU_Ag_101429	DVAVANCSK	AGAP011498-PA	C7(Carbamidomethyl)	40	0.001341901	2	963.458	1.28	Head	3L:-:25493820-25493794	exon=> In CDS Exon 4 of transcript AGAP011498-PA
JHU_Ag_115030	RAGEAAAAK	AGAP011498-PA	-	55	5.96E-05	2	844.463	-1.15	Head	3L:-:25487240-25487214	exon=> In CDS Exon 10 of transcript AGAP011498-PA
JHU_Ag_7834	DGIIPFLEPFAVSSK	AGAP011498-PA,AGAP011499-PA	-	41	0.000742629	1	1619.871	1.62	Ovary	3L:-:25488020-25487976;3L:-:25523022-25522978	exon=> In CDS Exon 8 of transcript AGAP011498-PA;exon=> In CDS Exon 3 of transcript AGAP011499-PA
JHU_Ag_9207	SGDLADAQK	AGAP011498-PA,AGAP011499-PA	-	39	0.002009228	2	904.435	-2.07	Head	3L:-:25488398-25488372;3L:-:25523406-25523380	exon=> In CDS Exon 7 of transcript AGAP011498-PA;exon=> In CDS Exon 1 of transcript AGAP011499-PA
JHU_Ag_39044	DGIIPFLEPFAVSSK	AGAP011498-PA,AGAP011499-PA	-	77	1.81E-07	1	1619.875	4.04	Head	3L:-:25488020-25487976;3L:-:25523022-25522978	exon=> In CDS Exon 8 of transcript AGAP011498-PA;exon=> In CDS Exon 3 of transcript AGAP011499-PA
JHU_Ag_79117	LLQAIAK	AGAP011498-PA,AGAP011499-PA	-	34	0.002110051	2	756.498	0.42	Head	3L:-:25488041-25488021;3L:-:25523043-25523023	exon=> In CDS Exon 8 of transcript AGAP011498-PA;exon=> In CDS Exon 3 of transcript AGAP011499-PA
JHU_Ag_85468	LLQAIAK	AGAP011498-PA,AGAP011499-PA	-	48	3.56E-05	2	756.496	-1.84	Visceras	3L:-:25488041-25488021;3L:-:25523043-25523023	exon=> In CDS Exon 8 of transcript AGAP011498-PA;exon=> In CDS Exon 3 of transcript AGAP011499-PA
JHU_Ag_97407	DGIIPFLEPFAVSSK	AGAP011498-PA,AGAP011499-PA	-	62	6.59E-06	1	1619.872	2.68	Visceras	3L:-:25488020-25487976;3L:-:25523022-25522978	exon=> In CDS Exon 8 of transcript AGAP011498-PA;exon=> In CDS Exon 3 of transcript AGAP011499-PA
JHU_Ag_107697	IDTNLYLYSDDIQERPHVTTLISSLANYSNTIAPAPTDPDAKPAPAAAR	AGAP011500-PA	-	85	9.71E-09	1	5267.665	2.93	Head	3L:-:25551353-25551359,25550360-25550364	exon=> In CDS Exon 2 and 1 of transcript AGAP011500-PA
JHU_Ag_2554	PAPASSTSVGSGSRSPSKPTSAPR	AGAP011504-PA	-	76	3.16E-07	1	2269.162	3.77	Malpighian tubule	3L:-:25689242-25689171	exon=> In CDS Exon 2 of transcript AGAP011504-PA

JHU_Ag_17340	AAAGGSSTLKQR	AGAP011504-PA	-	59	1.99E-05	1	1146.624	1.37	Malpighian tubule	3L:-:25689170-25689135	exon=> In CDS Exon 2 of transcript AGAP011504-PA
JHU_Ag_17996	NTGTGSGGMWR	AGAP011504-PA	-	44	0.000312851	2	1123.494	-0.71	Salivary gland	3L:-:25689098-25689066	exon=> In CDS Exon 2 of transcript AGAP011504-PA
JHU_Ag_37441	PAPASSTSVGSGSR	AGAP011504-PA	-	89	1.87E-08	1	1260.619	0.9	Ovary	3L:-:25689242-25689201	exon=> In CDS Exon 2 of transcript AGAP011504-PA
JHU_Ag_41909	PAPASSTSVGSGSR	AGAP011504-PA	-	104	6.25E-10	1	1260.621	2.26	Malpighian tubule	3L:-:25689242-25689201	exon=> In CDS Exon 2 of transcript AGAP011504-PA
JHU_Ag_54588	FYTDDSPGIK	AGAP011504-PA	-	54	4.26E-05	1	1142.535	-1	Salivary gland	3L:-:25689065-25689036	exon=> In CDS Exon 2 of transcript AGAP011504-PA
JHU_Ag_97579	FYTDDSPGIK	AGAP011504-PA	-	54	3.93E-05	1	1142.537	0.39	Malpighian tubule	3L:-:25689065-25689036	exon=> In CDS Exon 2 of transcript AGAP011504-PA
JHU_Ag_113663	FYTDDSPGIK	AGAP011504-PA	-	45	0.000315372	1	1142.536	-0.51	Midgut	3L:-:25689065-25689036	exon=> In CDS Exon 2 of transcript AGAP011504-PA
JHU_Ag_1614	HQGVMVGMGNKDSYVGDEAQSK	AGAP011514-PA	M5(Oxidation), M8(Oxidation)	119	1.20E-11	1	2369.047	-1.05	Head	3L:-:26294639-26294574	exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_9663	HQGVMVGMGNKDSYVGDEAQSK	AGAP011514-PA	M5(Oxidation), M8(Oxidation)	128	1.89E-12	1	2337.062	0.75	Malpighian tubule	3L:-:26294639-26294574	exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_15433	HQGVMVGMGNKDSYVGDEAQSK	AGAP011514-PA	M5(Oxidation), M8(Oxidation)	66	2.63E-06	1	2369.050	0.11	Visceras	3L:-:26294639-26294574	exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_22477	HQGVMVGMGNKDSYVGDEAQSK	AGAP011514-PA	M5(Oxidation), M8(Oxidation), N10(Deamidated),M5(Oxidation),M8(Oxidation),"M5(Oxidation), M8(Oxidation)"	103	4.47E-10	1	2369.045	-2.18	Pupa	3L:-:26294639-26294574	exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_43821	HQGVMVGMGNKDSYVGDEAQSK	AGAP011514-PA	M5(Oxidation), M8(Oxidation)	112	8.08E-11	1	2369.059	4.06	Larva	3L:-:26294639-26294574	exon=> In CDS Exon 1 of transcript AGAP011514-PA
JHU_Ag_75539	MTQIMFETFASPAVYVAIQAVLSLYASGR	AGAP011515-PA	-	34	0.003339247	3	3164.624	2.59	Head	3L:-:26300099-26300013	exon=> In CDS Exon 2 of transcript AGAP011515-PA
JHU_Ag_9884	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	79	1.34E-07	1	1487.677	0.51	Ovary	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_10487	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	71	8.11E-07	1	1487.683	4.37	Larva	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_17917	QEYDESGPGIVHRK	AGAP011516-PA	Q1(Deamidated)	44	0.000636595	1	1615.777	3.34	Ovary	3L:+:26319575-26319616	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_21684	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	98	1.80E-09	1	1487.681	3.55	Male reproductive organs	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_26912	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	59	1.47E-05	2	1487.691	10.03	Salivary gland	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_32985	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	95	3.57E-09	1	1487.675	-0.8	Pupa	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_43672	QEYDESGPGIVHRK	AGAP011516-PA	Q1(Deamidated)	61	1.24E-05	1	1615.775	2.51	Male reproductive organs	3L:+:26319575-26319616	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_51517	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	76	2.10E-07	2	1487.671	-3.51	Midgut	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_65822	QEYDESGPGIVHRK	AGAP011516-PA	Q1(Deamidated)	61	1.14E-05	1	1615.772	0.77	Head	3L:+:26319575-26319616	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_82078	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	97	2.21E-09	1	1486.691	-0.47	Head	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_89759	EITALAPSSIK	AGAP011516-PA	-	57	2.05E-05	1	1129.649	2.48	Male reproductive organs	3L:+:26319443-26319475	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_101432	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	74	4.64E-07	1	1486.695	1.67	Visceras	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_109605	QEYDESGPGIVHR	AGAP011516-PA	Q1(Deamidated)	84	4.58E-08	1	1487.679	1.99	Malpighian tubule	3L:+:26319575-26319613	exon=> In CDS Exon 2 of transcript AGAP011516-PA

JHU_Ag_110214	EITALAPSSIK	AGAP011516-PA	-	42	0.000623161	1	1129.644	-2.17	Head	3L:+:26319443-26319475	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_115974	EITALAPSSIK	AGAP011516-PA	-	43	0.000487528	2	1129.647	0.9	Visceras	3L:+:26319443-26319475	exon=> In CDS Exon 2 of transcript AGAP011516-PA
JHU_Ag_40125	SSELQHENHLIQLR	AGAP011519-PA	N-Term(Acetyl)	75	4.39E-07	1	1745.901	4.55	Malpighian tubule	3L:+:26419982-26420023	exon=> In CDS Exon 1 of transcript AGAP011519-PA
JHU_Ag_4015	KVEEVAEDDEPQLTR	AGAP011521-PA	-	97	3.05E-09	1	1757.859	2.21	Malpighian tubule	3L:+:26438580-26438624	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_4582	GAAGVIQIQNPNR	AGAP011521-PA	-	92	4.99E-09	1	1337.730	0.88	Ovary	3L:+:26438520-26438558	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_22043	VEEVAEDDEPQLTR	AGAP011521-PA	-	112	8.13E-11	1	1629.761	0.21	Head	3L:+:26438583-26438624	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_49759	NFTNPEELEAQR	AGAP011521-PA	-	79	1.80E-07	2	1447.683	1.05	Visceras	3L:+:26438352-26438387	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_64086	GAAGVIQIQNPNR	AGAP011521-PA	-	66	2.11E-06	1	1337.729	0.24	Male reproductive organs	3L:+:26438520-26438558	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_72644	GAAGVIQIQNPNR	AGAP011521-PA	-	49	0.000116397	2	1337.730	1.24	Malpighian tubule	3L:+:26438520-26438558	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_72993	GAAGVIQIQNPNR	AGAP011521-PA	-	52	5.12E-05	1	1337.727	-0.95	Head	3L:+:26438520-26438558	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_73556	NFTNPEELEAQRK	AGAP011521-PA	-	61	1.15E-05	1	1575.780	2.29	Head	3L:+:26438352-26438390	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_79194	GAAGVIQIQNPNR	AGAP011521-PA	-	63	4.83E-06	1	1337.730	1.15	Salivary gland	3L:+:26438520-26438558	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_86742	KVEEVAEDDEPQLTR	AGAP011521-PA	-	60	1.46E-05	1	1757.858	1.79	Male reproductive organs	3L:+:26438580-26438624	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_115180	AAAAYQKR	AGAP011521-PA	-	53	5.07E-05	2	878.488	3.95	Malpighian tubule	3L:+:26438655-26438678	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_117002	KVEEVAEDDEPQLTR	AGAP011521-PA	-	70	1.28E-06	1	1757.855	-0.19	Ovary	3L:+:26438580-26438624	exon=> In CDS Exon 1 of transcript AGAP011521-PA
JHU_Ag_53528	NLEDQLVLGLR	AGAP011526-PA	-	34	0.002120884	1	1269.720	3.39	Malpighian tubule	3L:-:26521679-26521647	exon=> In CDS Exon 4 of transcript AGAP011526-PA
JHU_Ag_15950	ELFQTIDLGDDGLTPLEIR	AGAP011531-PA	-	142	8.66E-14	1	2145.111	1.69	Ovary	3L:+:26870185-26870241	exon=> In CDS Exon 3 of transcript AGAP011531-PA
JHU_Ag_37096	ELFQTIDLGDDGLTPLEIR	AGAP011531-PA	-	86	3.09E-08	1	2145.113	2.38	Larva	3L:+:26870185-26870241	exon=> In CDS Exon 3 of transcript AGAP011531-PA
JHU_Ag_46275	ELFQTIDLGDDGLTPLEIR	AGAP011531-PA	-	120	1.20E-11	1	2145.107	-0.13	Malpighian tubule	3L:+:26870185-26870241	exon=> In CDS Exon 3 of transcript AGAP011531-PA
JHU_Ag_50443	ELFQTIDLGDDGLTPLEIR	AGAP011531-PA	-	48	0.000189665	2	2145.116	4.08	Midgut	3L:+:26870185-26870241	exon=> In CDS Exon 3 of transcript AGAP011531-PA
JHU_Ag_107304	ELFQTIDLGDDGLTPLEIR	AGAP011531-PA	-	102	8.48E-10	1	2145.110	1.35	Visceras	3L:+:26870185-26870241	exon=> In CDS Exon 3 of transcript AGAP011531-PA
JHU_Ag_5765	LVLPCLNSDR	AGAP011531-PA,AGAP012845-PA	C5(Carbamidomethyl)	47	0.000276364	1	1186.624	-0.93	Malpighian tubule	3L:+:26869759-26869788;UNKN:-:33533413-33533384	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 of transcript AGAP012845-PA
JHU_Ag_22812	GDFVEFDKNFELVGTWSR	AGAP011531-PA,AGAP012845-PA	-	72	8.34E-07	1	2146.025	0.42	Malpighian tubule	3L:+:26869957-26870010;UNKN:-:33533215-33533162	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 of transcript AGAP012845-PA
JHU_Ag_32491	LVLPCLNSDRIFVIDTGTDPR	AGAP011531-PA,AGAP012845-PA	C5(Carbamidomethyl)	46	0.000192344	1	2401.263	3.47	Malpighian tubule	3L:+:26869759-26869821;UNKN:-:33533413-33533351	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 of transcript AGAP012845-PA

JHU_Ag_75735	IFVIDTGTDPR	AGAP011531-PA,AGAP012845-PA	-	59	1.90E-05	1	1233.646	-0.84	Ovary	3L:+:26869789-26869821;UNKN:-:33533383-33533351	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 of transcript AGAP012845-PA
JHU_Ag_76976	IFVIDTGTDPR	AGAP011531-PA,AGAP012845-PA	-	67	2.72E-06	2	1233.654	5	Larva	3L:+:26869789-26869821;UNKN:-:33533383-33533351	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 of transcript AGAP012845-PA
JHU_Ag_89656	LLYVVCVQPNLDEEHGDYLATVDVDPASPTYCQVIHR	AGAP011531-PA,AGAP012845-PA	C6(Carbamidomethyl), C32(Carbamidomethyl)	131	7.08E-13	1	4286.048	-1.38	Malpighian tubule	3L:+:26869468-26869566,26869642-26869653;UNKN:-:33533704-33533769,33533159-33533519	exon=> In CDS Exon 2 and 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012845-PA
JHU_Ag_90649	IFVIDTGTDPR	AGAP011531-PA,AGAP012845-PA	-	87	3.55E-08	2	1233.648	0.35	Midgut	3L:+:26869789-26869821;UNKN:-:33533383-33533351	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 of transcript AGAP012845-PA
JHU_Ag_114232	IFVIDTGTDPR	AGAP011531-PA,AGAP012845-PA	-	85	5.49E-08	1	1233.648	0.85	Malpighian tubule	3L:+:26869789-26869821;UNKN:-:33533383-33533351	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 3 of transcript AGAP012845-PA
JHU_Ag_117006	CGPGYATPLDAVR	AGAP011531-PA,AGAP012845-PA	C1(Carbamidomethyl)	74	7.24E-07	1	1376.663	0.17	Malpighian tubule	3L:+:26869411-26869449;UNKN:-:33533761-33533723	exon=> In CDS Exon 2 of transcript AGAP011531-PA;exon=> In CDS Exon 2 of transcript AGAP012845-PA
JHU_Ag_8295	LLGGPQMLQLSLDGR	AGAP011531-PA,AGAP012893-PA	M7(Oxidation)	105	2.38E-10	1	1613.868	-0.12	Ovary	3L:+:26870572-26870616;UNKN:+:37132861-37132905	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_9449	LYVSSSLFSPWDK	AGAP011531-PA,AGAP012893-PA	-	90	1.59E-08	1	1528.768	-0.02	Malpighian tubule	3L:+:26870620-26870658;UNKN:+:37132909-37132947	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_15281	LLGGPQMLQLSLDGR	AGAP011531-PA,AGAP012893-PA	M7(Oxidation)	113	4.51E-11	1	1613.871	1.77	Malpighian tubule	3L:+:26870572-26870616;UNKN:+:37132861-37132905	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_27053	LNENFLVDFGGEPYGPGLPHEMR	AGAP011531-PA,AGAP012893-PA	M22(Oxidation)	144	6.27E-14	1	2604.219	0.18	Malpighian tubule	3L:+:26870737-26870805;UNKN:+:37133026-37133093,37133167	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012893-PA
JHU_Ag_29953	QYDISDRANPR	AGAP011531-PA,AGAP012893-PA	-	35	0.005334676	1	1334.645	0.11	Malpighian tubule	3L:+:26870425-26870457;UNKN:+:37132714-37132746	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_36159	LTGQVFLGGAIQR	AGAP011531-PA,AGAP012893-PA	-	105	1.66E-10	1	1359.775	0.6	Malpighian tubule	3L:+:26870458-26870496;UNKN:+:37132747-37132785	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA

JHU_Ag_38086	LNENFLVDFGGEPYGPGLPHEMR	AGAP011531-PA,AGAP012893-PA	N2(Deamidated), M22(Oxidation)	58	2.16E-05	1	2605.225	8.33	Head	3L:+:26870737-26870805;UNKN:+:37133026-37133093,37133167-37133167	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012893-PA
JHU_Ag_40799	LTGQVFLGGAIQR	AGAP011531-PA,AGAP012893-PA	-	73	2.49E-07	2	1359.777	1.94	Pupa	3L:+:26870458-26870496;UNKN:+:37132747-37132785	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_41180	LLGGPQMLQLSLDGRR	AGAP011531-PA,AGAP012893-PA	M7(Oxidation)	31	0.004985292	1	1769.972	1.78	Malpighian tubule	3L:+:26870572-26870619;UNKN:+:37132861-37132908	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_42070	LTGQVFLGGAIQR	AGAP011531-PA,AGAP012893-PA	-	95	1.81E-09	1	1359.775	0.6	Ovary	3L:+:26870458-26870496;UNKN:+:37132747-37132785	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_48290	RLLGGPQMLQLSLDGR	AGAP011531-PA,AGAP012893-PA	M8(Oxidation)	71	5.86E-07	1	1769.968	-0.7	Malpighian tubule	3L:+:26870569-26870616;UNKN:+:37132858-37132905	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_66782	VLNDPELK	AGAP011531-PA,AGAP012893-PA	-	50	5.77E-05	1	927.515	0.01	Malpighian tubule	3L:+:26870512-26870535;UNKN:+:37132801-37132824	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_74835	VLNDPELK	AGAP011531-PA,AGAP012893-PA	-	50	6.76E-05	1	927.514	-0.51	Ovary	3L:+:26870512-26870535;UNKN:+:37132801-37132824	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_102249	LNENFLVDFGGEPYGPGLPHEMR	AGAP011531-PA,AGAP012893-PA	M22(Oxidation)	139	1.68E-13	1	2604.219	-0.11	Ovary	3L:+:26870737-26870805;UNKN:+:37133026-37133093,37133167-37133167	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012893-PA
JHU_Ag_113863	LYVSSSLFSPWDK	AGAP011531-PA,AGAP012893-PA	-	72	1.03E-06	2	1528.769	0.46	Midgut	3L:+:26870620-26870658;UNKN:+:37132909-37132947	exon=> In CDS Exon 3 of transcript AGAP011531-PA;exon=> In CDS Exon 1 of transcript AGAP012893-PA
JHU_Ag_2252	SVVDYIDQQFEAYLQEELK	AGAP011532-PA	-	135	4.55E-13	1	2317.123	-0.24	Ovary	3L:-:26881380-26881324	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_3671	KLEEEFVEFNR	AGAP011532-PA	-	100	1.81E-09	2	1439.716	-0.59	Head	3L:-:26876184-26876152	exon=> In CDS Exon 3 of transcript AGAP011532-PA
JHU_Ag_4843	ADTISKTELAK	AGAP011532-PA	-	42	0.000604621	2	1176.649	1.8	Malpighian tubule	3L:-:26881173-26881141	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_5023	VNIIPIIAK	AGAP011532-PA	-	30	0.000390003	2	980.649	-1.14	Pupa	3L:-:26881200-26881174	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_19016	THICLYFICPTGHGLK	AGAP011532-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	60	1.56E-05	1	1916.957	3.37	Malpighian tubule	3L:-:26881287-26881240	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_20740	STLMDSLFNTNFESQPSPHTLPCVK	AGAP011532-PA	M4(Oxidation), C23(Carbamidomethyl)	97	2.63E-09	1	2866.352	4.64	Head	3L:-:26881644-26881570	exon=> In CDS Exon 1 of transcript AGAP011532-PA
JHU_Ag_21372	VNIIPIIAK	AGAP011532-PA	-	36	9.51E-05	2	980.649	-1.38	Ovary	3L:-:26881200-26881174	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_33856	VNIIPIIAK	AGAP011532-PA	-	34	8.77E-05	2	980.651	1.1	Salivary gland	3L:-:26881200-26881174	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_52142	SQMTAHHTLTLGK	AGAP011532-PA	M3(Oxidation)	38	0.002090823	1	1440.728	1.23	Head	3L:-:26876145-26876107	exon=> In CDS Exon 3 of transcript AGAP011532-PA

JHU_Ag_105136	KLEEEFVEFNR	AGAP011532-PA	-	87	2.89E-08	2	1439.733	11.28	Ovary	3L:-:26876184-26876152	exon=> In CDS Exon 3 of transcript AGAP011532-PA
JHU_Ag_108049	THICLYFICPTGHGLK	AGAP011532-PA	C4(Carbamidomethyl), C9(Carbamidomethyl)	63	9.44E-06	1	1916.959	4.23	Ovary	3L:-:26881287-26881240	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_115398	VNIIPIIAK	AGAP011532-PA	-	23	0.001738073	2	980.650	-0.51	Head	3L:-:26881200-26881174	exon=> In CDS Exon 2 of transcript AGAP011532-PA
JHU_Ag_25345	LLTIK	AGAP011533-PA	-	25	0.004314297	1	587.410	-5.06	Head	3L:-:26890119-26890105	exon=> In CDS Exon 2 of transcript AGAP011533-PA
JHU_Ag_110613	LLLAELPVYLGAPR	AGAP011533-PA	-	90	1.05E-09	1	1524.918	1.8	Malpighian tubule	3L:-:26889879-26889838	exon=> In CDS Exon 2 of transcript AGAP011533-PA
JHU_Ag_67735	LGWVEVVR	AGAP011534-PA	-	37	0.001961023	2	957.552	-0.19	Ovary	3L:-:26895688-26895665	exon=> In CDS Exon 1 of transcript AGAP011534-PA
JHU_Ag_2667	LISSDGHEFIVK	AGAP011535-PA	-	63	6.82E-06	2	1344.719	2.28	Head	3L:+:26900842-26900877	exon=> In CDS Exon 1 of transcript AGAP011535-PA
JHU_Ag_5680	AMLSGPGQFAENEANEVNFR	AGAP011535-PA	M2(Oxidation)	160	1.13E-15	1	2196.998	0.05	Head	3L:+:26900911-26900970	exon=> In CDS Exon 1 of transcript AGAP011535-PA
JHU_Ag_5982	IYGGCEGPDAMYVK	AGAP011535-PA	C5(Carbamidomethyl), M11(Oxidation)	71	4.15E-07	1	1575.671	-6.62	Head	3L:+:26900800-26900841	exon=> In CDS Exon 1 of transcript AGAP011535-PA
JHU_Ag_24159	LISSDGHEFIVKR	AGAP011535-PA	-	41	0.001014345	1	1500.817	0.21	Malpighian tubule	3L:+:26900842-26900880	exon=> In CDS Exon 1 of transcript AGAP011535-PA
JHU_Ag_45358	AMLSGPGQFAENEANEVNFR	AGAP011535-PA	M2(Oxidation)	131	7.79E-13	1	2196.998	-0.06	Midgut	3L:+:26900911-26900970	exon=> In CDS Exon 1 of transcript AGAP011535-PA
JHU_Ag_71902	AMLSGPGQFAENEANEVNFR	AGAP011535-PA	M2(Oxidation)	124	4.63E-12	1	2197.000	0.94	Visceras	3L:+:26900911-26900970	exon=> In CDS Exon 1 of transcript AGAP011535-PA
JHU_Ag_110282	IYGGCEGPDAMYVK	AGAP011535-PA	C5(Carbamidomethyl), M11(Oxidation)	99	7.97E-10	1	1575.685	2.21	Malpighian tubule	3L:+:26900800-26900841	exon=> In CDS Exon 1 of transcript AGAP011535-PA
JHU_Ag_4504	VEPGYKPAVTFIVVQK	AGAP011537-PA	-	34	0.001239247	1	1775.011	0.44	Ovary	3L:-:26912529-26912482	exon=> In CDS Exon 4 of transcript AGAP011537-PA
JHU_Ag_13645	EEPAVTIVVLPSR	AGAP011537-PA	-	60	3.88E-06	2	1409.801	0.81	Ovary	3L:-:26913169-26913131	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_22086	IIDAPPIEYAR	AGAP011537-PA	-	56	2.90E-05	2	1257.686	1.41	Ovary	3L:-:26913487-26913455	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_25847	GMDVVYTNPTTR	AGAP011537-PA	M2(Oxidation)	59	1.56E-05	2	1369.643	1.21	Ovary	3L:-:26913919-26913884	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_33412	SAYENNPNFVR	AGAP011537-PA	-	39	0.001555626	2	1310.614	1.06	Head	3L:-:26916576-26916544	exon=> In CDS Exon 2 of transcript AGAP011537-PA
JHU_Ag_34332	LRYPNLPVLHVGSTVR	AGAP011537-PA	-	32	0.001331798	1	1821.060	5.62	Malpighian tubule	3L:-:26913763-26913716	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_35203	LSVADYFAR	AGAP011537-PA	-	63	5.41E-06	2	1041.536	-0.46	Ovary	3L:-:26913805-26913779	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_39936	EAAQLDLGVLK	AGAP011537-PA	-	37	0.001792343	2	1156.658	0.2	Ovary	3L:-:26931082-26931050	exon=> In CDS Exon 1 of transcript AGAP011537-PA
JHU_Ag_40381	SAYENNPNFVR	AGAP011537-PA	-	68	1.78E-06	2	1310.613	0.41	Ovary	3L:-:26916576-26916544	exon=> In CDS Exon 2 of transcript AGAP011537-PA
JHU_Ag_50525	EEPAVTIVVLPSR	AGAP011537-PA	-	39	0.000462872	2	1409.802	1.76	Salivary gland	3L:-:26913169-26913131	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_51932	TDLRPVLVR	AGAP011537-PA	-	39	0.000317931	3	1068.654	1.12	Malpighian tubule	3L:-:26931412-26931386	exon=> In CDS Exon 1 of transcript AGAP011537-PA
JHU_Ag_56297	SVYVPAELCDIPAGQALNK	AGAP011537-PA	C9(Carbamidomethyl)	56	3.28E-05	2	2045.040	1.42	Ovary	3L:-:26913715-26913659	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_56578	ENYPGAMLAFDGQK	AGAP011537-PA	M7(Oxidation)	34	0.004028711	2	1556.706	0.6	Ovary	3L:-:26931223-26931182	exon=> In CDS Exon 1 of transcript AGAP011537-PA
JHU_Ag_57347	ILNLDSYTNEATVK	AGAP011537-PA	-	83	6.71E-08	2	1580.818	0.86	Ovary	3L:-:26913355-26913314	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_60383	ILNLDSYTNEATVK	AGAP011537-PA	-	59	1.54E-05	2	1580.827	6.42	Malpighian tubule	3L:-:26913355-26913314	exon=> In CDS Exon 3 of transcript AGAP011537-PA

JHU_Ag_60969	ILNLDSYTNEATVKK	AGAP011537-PA	-	32	0.005423496	1	1708.910	-0.78	Ovary	3L:-:26913355-26913311	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_63910	VEPGYKPAVTFIVVQK	AGAP011537-PA	-	27	0.004096592	2	1775.019	5.18	Midgut	3L:-:26912529-26912482	exon=> In CDS Exon 4 of transcript AGAP011537-PA
JHU_Ag_70117	DIGTLLQNIK	AGAP011537-PA	-	54	4.16E-05	2	1114.645	-1.14	Malpighian tubule	3L:-:26913202-26913173	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_83131	YAATSAPER	AGAP011537-PA	-	46	0.000359032	2	965.471	2.86	Malpighian tubule	3L:-:26913622-26913596	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_85957	TDLRPVLVR	AGAP011537-PA	-	41	0.000192297	1	1068.657	3.95	Ovary	3L:-:26931412-26931386	exon=> In CDS Exon 1 of transcript AGAP011537-PA
JHU_Ag_86230	AVSYPAPTYYAHLAAYR	AGAP011537-PA	-	38	0.002278106	2	1913.957	1.29	Ovary	3L:-:26912223-26912173	exon=> In CDS Exon 4 of transcript AGAP011537-PA
JHU_Ag_100086	SAYENNPNFVR	AGAP011537-PA	-	60	1.25E-05	2	1310.616	2.73	Malpighian tubule	3L:-:26916576-26916544	exon=> In CDS Exon 2 of transcript AGAP011537-PA
JHU_Ag_100367	ILNLDSYTNEATVK	AGAP011537-PA	-	66	3.49E-06	1	1580.813	-2.23	Midgut	3L:-:26913355-26913314	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_104159	ILDLASQIQYNK	AGAP011537-PA	-	90	1.02E-08	2	1405.769	0.52	Ovary	3L:-:26913586-26913551	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_108988	DIGTLLQNIK	AGAP011537-PA	-	49	0.000121621	2	1114.649	2.48	Salivary gland	3L:-:26913202-26913173	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_112568	TDLRPVLVR	AGAP011537-PA	-	29	0.003388234	1	1068.651	-0.93	Head	3L:-:26931412-26931386	exon=> In CDS Exon 1 of transcript AGAP011537-PA
JHU_Ag_114223	DIGTLLQNIKR	AGAP011537-PA	-	56	9.22E-06	1	1270.750	1.66	Ovary	3L:-:26913202-26913170	exon=> In CDS Exon 3 of transcript AGAP011537-PA
JHU_Ag_15838	NKVEFSEPANHDLFR	AGAP011539-PA	-	53	8.71E-05	1	1802.893	5.91	Male reproductive organs	3L:-:26946025-26945981	exon=> In CDS Exon 1 of transcript AGAP011539-PA
JHU_Ag_32704	LLMDPIKADEQDLSR	AGAP011539-PA	M3(Oxidation)	62	9.32E-06	1	1759.893	1.87	Male reproductive organs	3L:-:26945194-26945150	exon=> In CDS Exon 1 of transcript AGAP011539-PA
JHU_Ag_90441	SSSRTLNVYR	AGAP011539-PA	N7(Deamidated)	40	0.000940658	1	1183.622	13.41	Male reproductive organs	3L:-:26945662-26945633	exon=> In CDS Exon 1 of transcript AGAP011539-PA
JHU_Ag_101101	DPVSVGTQYSR	AGAP011539-PA	-	60	1.62E-05	2	1208.591	0.7	Male reproductive organs	3L:-:26945965-26945933	exon=> In CDS Exon 1 of transcript AGAP011539-PA
JHU_Ag_110859	NFLTIGDWIAR	AGAP011539-PA	-	43	0.000733001	1	1305.695	-0.05	Male reproductive organs	3L:-:26944878-26944846	exon=> In CDS Exon 2 of transcript AGAP011539-PA
JHU_Ag_7119	LDGPVLR	AGAP011540-PA	-	31	0.002829982	2	769.458	1.35	Head	3L:+:26950201-26950221	exon=> In CDS Exon 3 of transcript AGAP011540-PA
JHU_Ag_15548	GHASSGNNVGGSQLVR	AGAP011546-PA	-	91	1.08E-08	1	1539.762	-0.27	Head	3L:-:27088140-27088093	exon=> In CDS Exon 6 of transcript AGAP011546-PA
JHU_Ag_86958	ADQRPYWNR	AGAP011546-PA	-	33	0.007100725	3	1205.580	-0.72	Head	3L:-:27091584-27091558	exon=> In CDS Exon 3 of transcript AGAP011546-PA
JHU_Ag_107625	TTLAVFSILSK	AGAP011547-PA	-	50	2.22E-05	2	1179.698	-0.09	Ovary	3L:+:27194082-27194114	exon=> In CDS Exon 4 of transcript AGAP011547-PA
JHU_Ag_9193	DHDLVASCGK	AGAP011551-PA	C8(Carbamidomethyl)	42	0.000449624	2	1101.501	1.49	Salivary gland	3L:+:27211313-27211342	exon=> In CDS Exon 1 of transcript AGAP011551-PA
JHU_Ag_9949	LVEAWQLSK	AGAP011551-PA	-	67	3.42E-06	2	1073.599	0.25	Salivary gland	3L:+:27214457-27214483	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_11769	VTPHEDVQGLAWNR	AGAP011551-PA	-	44	0.000810731	1	1621.812	2.33	Male reproductive organs	3L:+:27210995-27211036	exon=> In CDS Exon 1 of transcript AGAP011551-PA
JHU_Ag_20412	QNGTGGGEIPYK	AGAP011551-PA	Q1(Deamidated),N2(Deamidated)	55	4.20E-05	2	1221.573	-1.42	Salivary gland	3L:+:27213928-27213963	exon=> In CDS Exon 4 of transcript AGAP011551-PA
JHU_Ag_29982	TVTINQVITDPELVER	AGAP011551-PA	-	68	1.39E-06	2	1826.987	0.39	Male reproductive organs	3L:+:27211803-27211850	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_32041	LQGEAVSNADLAR	AGAP011551-PA	-	69	1.46E-06	2	1343.690	-0.72	Ovary	3L:+:27214376-27214414	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_33191	SAPAVGKLADLLSQYAR	AGAP011551-PA	-	36	0.001383577	2	1759.974	2.33	Malpighian tubule	3L:+:27214616-27214666	exon=> In CDS Exon 5 of transcript AGAP011551-PA

JHU_Ag_38175	FMWYFLK	AGAP011551-PA	M2(Oxidation)	41	0.001408369	1	1050.514	2.55	Salivary gland	3L:+:27211941-27211961	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_44191	VTPHEDVQGLAWNR	AGAP011551-PA	-	84	7.21E-08	1	1621.808	-0.41	Salivary gland	3L:+:27210995-27211036	exon=> In CDS Exon 1 of transcript AGAP011551-PA
JHU_Ag_46170	LQGEAVSNADLAR	AGAP011551-PA	-	100	1.36E-09	1	1343.696	3.55	Malpighian tubule	3L:+:27214376-27214414	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_47764	TSEALILAMNSGSDLLAK	AGAP011551-PA	M9(Oxidation)	101	1.02E-09	2	1849.962	2.59	Salivary gland	3L:+:27214060-27214090,27214167-27214189	exon=> In CDS Exon 4 and 5 of transcript AGAP011551-PA
JHU_Ag_50664	TVTINQVITDPELVERSNQLER	AGAP011551-PA	-	76	1.17E-07	1	2554.360	4.82	Malpighian tubule	3L:+:27211803-27211868	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_51595	IADSFPGMEHIGHEPSQSVPVQSHGPVANDLK	AGAP011551-PA	M8(Oxidation)	45	0.000353628	1	3396.633	1.63	Salivary gland	3L:+:27211550-27211645	exon=> In CDS Exon 1 of transcript AGAP011551-PA
JHU_Ag_54257	TVTINQVITDPELVER	AGAP011551-PA	-	86	2.05E-08	2	1826.991	2.53	Head	3L:+:27211803-27211850	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_54876	TVTINQVITDPELVER	AGAP011551-PA	-	93	4.43E-09	2	1826.993	3.8	Salivary gland	3L:+:27211803-27211850	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_58450	GDESNPVDGLTDQMAGLSR	AGAP011551-PA	M14(Oxidation)	62	6.21E-06	2	1977.880	-0.77	Salivary gland	3L:+:27212146-27212202	exon=> In CDS Exon 3 of transcript AGAP011551-PA
JHU_Ag_61282	ANFEDDPHAEMLNLLGYQADDTANK	AGAP011551-PA	M11(Oxidation)	100	8.89E-10	1	2808.247	1.89	Salivary gland	3L:+:27211962-27212007,27212087-27212115	exon=> In CDS Exon 2 and 3 of transcript AGAP011551-PA
JHU_Ag_61948	RPAGACFGFGGK	AGAP011551-PA	C6(Carbamidomethyl)	46	0.000323119	2	1224.594	-0.42	Head	3L:+:27211667-27211690,27211764-27211775	exon=> In CDS Exon 1 and 2 of transcript AGAP011551-PA
JHU_Ag_67011	LQGEAVSNADLAR	AGAP011551-PA	-	52	7.91E-05	2	1343.693	1.28	Head	3L:+:27214376-27214414	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_76355	LVTFNGASR	AGAP011551-PA	-	57	2.61E-05	2	964.523	2.41	Salivary gland	3L:+:27211776-27211802	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_76537	LQGEAVSNADLAR	AGAP011551-PA	-	54	5.39E-05	2	1343.691	-0.17	Male reproductive organs	3L:+:27214376-27214414	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_78375	EALVAAITHCK	AGAP011551-PA	C10(Carbamidomethyl)	64	3.88E-06	2	1212.641	0.48	Salivary gland	3L:+:27214304-27214336	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_80826	LADLLSQYAR	AGAP011551-PA	-	77	2.11E-07	2	1149.627	1.04	Salivary gland	3L:+:27214637-27214666	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_83739	QVQHILASVFPSR	AGAP011551-PA	-	62	3.01E-06	1	1481.827	3.25	Salivary gland	3L:+:27211037-27211075	exon=> In CDS Exon 1 of transcript AGAP011551-PA
JHU_Ag_84259	LYYALGHK	AGAP011551-PA	-	37	0.001894643	1	964.525	-0.34	Salivary gland	3L:+:27214754-27214777	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_91197	TVTINQVITDPELVER	AGAP011551-PA	-	96	2.18E-09	1	1826.990	2.2	Ovary	3L:+:27211803-27211850	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_92651	TVTINQVITDPELVER	AGAP011551-PA	-	91	7.42E-09	2	1826.995	4.87	Malpighian tubule	3L:+:27211803-27211850	exon=> In CDS Exon 2 of transcript AGAP011551-PA
JHU_Ag_96918	LQGEAVSNADLAR	AGAP011551-PA	-	75	3.96E-07	2	1343.693	1.46	Salivary gland	3L:+:27214376-27214414	exon=> In CDS Exon 5 of transcript AGAP011551-PA
JHU_Ag_114047	YVVDGPKGDESNPVDGLTDQMAGLSR	AGAP011551-PA	M21(Oxidation)	83	7.44E-08	1	2736.294	5.84	Malpighian tubule	3L:+:27212125-27212202	exon=> In CDS Exon 3 of transcript AGAP011551-PA
JHU_Ag_42503	SSTAGAFHQQHQPQQQSPR	AGAP011552-PA	N-Term(Acetyl)	41	0.00131623	1	2162.022	4.59	Head	3L:-:27220540-27220484	exon=> In CDS Exon 1 of transcript AGAP011552-PA
JHU_Ag_55957	SSTAGAFHQQHQPQQQSPR	AGAP011552-PA	N-Term(Acetyl)	58	2.30E-05	1	2162.009	-1.42	Malpighian tubule	3L:-:27220540-27220484	exon=> In CDS Exon 1 of transcript AGAP011552-PA
JHU_Ag_53908	DDPAGAR	AGAP011553-PA	-	35	0.001315869	1	701.323	2.8	Male reproductive organs	3L:+:27233955-27233975	exon=> In CDS Exon 1 of transcript AGAP011553-PA
JHU_Ag_66018	EKAPTILFIDELDAIGTK	AGAP011557-PA	-	92	3.12E-09	1	1974.079	-0.12	Male reproductive organs	3L:-:27681326-27681273	exon=> In CDS Exon 1 of transcript AGAP011557-PA

JHU_Ag_51959	LAGPQLVQMFIGDGAK	AGAP011557-PA,AGAP000616-PA	M9(Oxidation)	111	1.01E-10	1	1644.887	5.25	Malpighian tubule	3L:-:27681404-27681357;X:-:11208457-11208410	exon=> In CDS Exon 1 of transcript AGAP011557-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_92665	AVCVEAGMIALR	AGAP011557-PA,AGAP000616-PA	C3(Carbamidomethyl), M8(Oxidation)	70	1.77E-06	2	1305.666	0.48	Ovary	3L:-:27680963-27680928;X:-:11208016-11207981	exon=> In CDS Exon 1 of transcript AGAP011557-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_104971	LAGPQLVQMFIGDGAK	AGAP011557-PA,AGAP000616-PA	M9(Oxidation)	128	2.20E-12	1	1660.875	1.42	Male reproductive organs	3L:-:27681404-27681357;X:-:11208457-11208410	exon=> In CDS Exon 1 of transcript AGAP011557-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_112365	LAGPQLVQMFIGDGAK	AGAP011557-PA,AGAP000616-PA	M9(Oxidation)	112	9.14E-11	1	1660.872	-0.78	Ovary	3L:-:27681404-27681357;X:-:11208457-11208410	exon=> In CDS Exon 1 of transcript AGAP011557-PA;exon=> In CDS Exon 1 of transcript AGAP000616-PA
JHU_Ag_15797	ILAANRR	AGAP011560-PA	-	26	0.010098324	1	813.503	-3.12	Head	3L:+:27751409-27751429	exon=> In CDS Exon 6 of transcript AGAP011560-PA
JHU_Ag_25510	YYFHDLPQEIASR	AGAP011560-PA	-	46	0.000406069	2	1638.795	2.57	Midgut	3L:+:27751430-27751468	exon=> In CDS Exon 6 of transcript AGAP011560-PA
JHU_Ag_25950	ILAANRR	AGAP011560-PA	-	31	0.003632865	1	813.503	-3.42	Malpighian tubule	3L:+:27751409-27751429	exon=> In CDS Exon 6 of transcript AGAP011560-PA
JHU_Ag_40503	VSSILQELLANEANYVQTLGR	AGAP011560-PA	-	65	2.38E-06	2	2318.236	0.43	Midgut	3L:+:27749003-27749065	exon=> In CDS Exon 2 of transcript AGAP011560-PA
JHU_Ag_72293	LLLAEINKEILK	AGAP011560-PA	-	54	7.11E-07	1	1396.879	0.81	Midgut	3L:+:27749490-27749525	exon=> In CDS Exon 3 of transcript AGAP011560-PA
JHU_Ag_80447	EGVFDVYNEYIR	AGAP011560-PA	-	65	4.00E-06	2	1503.709	-1.39	Midgut	3L:+:27751665-27751700	exon=> In CDS Exon 7 of transcript AGAP011560-PA
JHU_Ag_114607	LLLAEINK	AGAP011560-PA	-	29	0.003934444	2	913.572	0.36	Midgut	3L:+:27749490-27749513	exon=> In CDS Exon 3 of transcript AGAP011560-PA
JHU_Ag_112637	LLLFSIK	AGAP011562-PA	-	27	0.000435542	1	833.549	-0.29	Ovary	3L:-:27764038-27764018	exon=> In CDS Exon 3 of transcript AGAP011562-PA
JHU_Ag_2954	SHVIVQDALMK	AGAP011564-PA	M10(Oxidation)	50	0.000121839	2	1256.666	-0.29	Midgut	3L:+:27795465-27795497	exon=> In CDS Exon 1 of transcript AGAP011564-PA
JHU_Ag_38055	ILGINTSPSR	AGAP011564-PA	-	52	6.72E-05	1	1057.601	1.33	Male reproductive organs	3L:+:27795435-27795464	exon=> In CDS Exon 1 of transcript AGAP011564-PA
JHU_Ag_47583	AVNEVLHNPR	AGAP011564-PA	-	63	5.13E-06	2	1148.627	8.27	Male reproductive organs	3L:+:27796742-27796771	exon=> In CDS Exon 3 of transcript AGAP011564-PA
JHU_Ag_74851	HTEVTVETFSK	AGAP011564-PA	-	65	5.64E-06	1	1277.637	-0.38	Midgut	3L:+:27796709-27796741	exon=> In CDS Exon 3 of transcript AGAP011564-PA
JHU_Ag_86740	ITIPIDPWATDFTK	AGAP011564-PA	-	38	0.002357046	2	1617.855	1.65	Midgut	3L:+:27795576-27795606,27795676-27795686	exon=> In CDS Exon 1 and 2 of transcript AGAP011564-PA
JHU_Ag_8400	IHTGDQPFPCIACGEGFR	AGAP011566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	78	1.92E-07	1	2061.936	4.53	Malpighian tubule	3L:-:27873708-27873655	exon=> In CDS Exon 9 of transcript AGAP011566-PA
JHU_Ag_9277	IITTGGTATAVATGHQK	AGAP011566-PA	-	138	1.47E-13	1	1626.885	2.47	Ovary	3L:-:27876913-27876863	exon=> In CDS Exon 3 of transcript AGAP011566-PA
JHU_Ag_11077	MIVVNDASALPQGTQR	AGAP011566-PA	-	56	3.28E-05	2	1699.885	2.88	Ovary	3L:-:27877052-27877145,27876797-27876914	exon=> In CDS Exon 3 and 2 of transcript AGAP011566-PA
JHU_Ag_19059	AILTTSGASAFMSPIGPIQLTAEECNDILMKR	AGAP011566-PA	M12(Oxidation), C25(Carbamidomethyl), M30(Oxidation)	36	0.002256505	3	3467.735	3.68	Malpighian tubule	3L:-:27874962-27874867	exon=> In CDS Exon 5 of transcript AGAP011566-PA

JHU_Ag_21070	IHTGDQPFPCIACGEGFR	AGAP011566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	32	0.008128063	3	2061.933	3.02	Head	3L:-:27873708-27873655	exon=> In CDS Exon 9 of transcript AGAP011566-PA
JHU_Ag_30264	IITTGGTATAVATGHQK	AGAP011566-PA	-	97	2.00E-09	1	1626.883	1.27	Malpighian tubule	3L:-:27876913-27876863	exon=> In CDS Exon 3 of transcript AGAP011566-PA
JHU_Ag_31458	MIVVNDASALPQGTQR	AGAP011566-PA	M1(Oxidation)	87	3.57E-08	2	1715.880	3.4	Malpighian tubule	3L:-:27877052-27877145,27876797-27876914	exon=> In CDS Exon 3 and 2 of transcript AGAP011566-PA
JHU_Ag_48639	IHTGDQPFPCIACGEGFR	AGAP011566-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	68	1.78E-06	1	2061.928	0.35	Ovary	3L:-:27873708-27873655	exon=> In CDS Exon 9 of transcript AGAP011566-PA
JHU_Ag_80800	MIVVNDASALPQGTQR	AGAP011566-PA	-	78	1.97E-07	2	1699.888	4.89	Head	3L:-:27877052-27877145,27876797-27876914	exon=> In CDS Exon 3 and 2 of transcript AGAP011566-PA
JHU_Ag_83884	IITTGGTATAVATGHQK	AGAP011566-PA	-	120	7.59E-12	1	1626.885	2.55	Head	3L:-:27876913-27876863	exon=> In CDS Exon 3 of transcript AGAP011566-PA
JHU_Ag_112519	VIQGLEEGDDSQATTSNHQMK	AGAP011566-PA	M20(Oxidation)	35	0.003336949	1	2304.042	0.26	Head	3L:-:27874691-27874629	exon=> In CDS Exon 6 of transcript AGAP011566-PA
JHU_Ag_12097	ANASPSPVLGATAGRPAPSK	AGAP011568-PA	-	55	2.39E-05	1	1848.997	2.17	Head	3L:+:27913054-27913113	exon=> In CDS Exon 4 of transcript AGAP011568-PA
JHU_Ag_46846	ANASPSPVLGATAGRPAPSKAPAQNGSVAGASSK	AGAP011568-PA	Q24(Deamidated),N25(Deamidated)	40	0.000521997	1	3074.624	8.46	Malpighian tubule	3L:+:27913054-27913155	exon=> In CDS Exon 4 of transcript AGAP011568-PA
JHU_Ag_92545	SQQNVIIRGPPAR	AGAP011568-PA	-	44	0.000140211	1	1435.817	2.62	Malpighian tubule	3L:+:27911546-27911584	exon=> In CDS Exon 3 of transcript AGAP011568-PA
JHU_Ag_97089	AGETSDDGLAVLSEIYESCESAHPTIVR	AGAP011568-PA	C19(Carbamidomethyl)	72	8.88E-07	1	3006.398	-0.71	Head	3L:+:27911810-27911893	exon=> In CDS Exon 3 of transcript AGAP011568-PA
JHU_Ag_98628	IFEVNDALTQALDKYR	AGAP011568-PA	-	36	0.003026286	1	1895.988	0.68	Ovary	3L:+:27912607-27912654	exon=> In CDS Exon 4 of transcript AGAP011568-PA
JHU_Ag_20065	IIATGHQR	AGAP011570-PA	-	34	0.002192174	2	895.510	-0.63	Head	3L:-:27952019-27951996	exon=> In CDS Exon 4 of transcript AGAP011570-PA
JHU_Ag_39113	ILPYVFEDVQWK	AGAP011570-PA	-	62	7.68E-06	2	1536.812	1.18	Head	3L:-:27954179-27954144	exon=> In CDS Exon 2 of transcript AGAP011570-PA
JHU_Ag_96526	LLQVLVPQVEK	AGAP011570-PA	-	46	1.67E-05	1	1265.785	2.08	Male reproductive organs	3L:-:27950954-27950922	exon=> In CDS Exon 6 of transcript AGAP011570-PA
JHU_Ag_98567	LLNNPLVQSYLPNSTK	AGAP011570-PA	-	47	0.000165147	2	1800.986	0.16	Head	3L:-:27953471-27953424	exon=> In CDS Exon 2 of transcript AGAP011570-PA
JHU_Ag_114479	SDIVEESMEGSHPAQEAEPGTLK	AGAP011570-PA	M8(Oxidation)	66	2.78E-06	1	2457.117	3.29	Head	3L:-:27951377-27951309	exon=> In CDS Exon 5 of transcript AGAP011570-PA
JHU_Ag_4243	TCEGNTPCGWAVYTPATR	AGAP011571-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	80	7.70E-08	1	2040.892	1.02	Head	3L:-:27960729-27960676	exon=> In CDS Exon 2 of transcript AGAP011571-PA
JHU_Ag_9704	TDDDVSISAYVYR	AGAP011571-PA	-	47	0.000266631	2	1503.694	-1.38	Visceras	3L:-:27960498-27960460	exon=> In CDS Exon 3 of transcript AGAP011571-PA
JHU_Ag_61102	TDDDVSISAYVYR	AGAP011571-PA	-	61	1.08E-05	2	1503.703	4.3	Malpighian tubule	3L:-:27960498-27960460	exon=> In CDS Exon 3 of transcript AGAP011571-PA
JHU_Ag_100468	TDDDVSISAYVYR	AGAP011571-PA	-	71	9.96E-07	2	1503.697	0.73	Head	3L:-:27960498-27960460	exon=> In CDS Exon 3 of transcript AGAP011571-PA
JHU_Ag_17120	TPDPLILDCEYEVDESEK	AGAP011578-PA	C9(Carbamidomethyl)	65	3.17E-06	2	2151.965	0.68	Head	3L:+:28254030-28254083	exon=> In CDS Exon 1 of transcript AGAP011578-PA
JHU_Ag_69717	DISPLPELQIR	AGAP011578-PA	-	35	0.001810723	2	1280.721	-0.15	Midgut	3L:+:28255434-28255465,28258125-28258125	exon=> In CDS Exon 3 and 4 of transcript AGAP011578-PA
JHU_Ag_107044	DISPLPELQIR	AGAP011578-PA	-	33	0.002353649	2	1280.724	2.14	Head	3L:+:28255434-28255465,28258125-28258125	exon=> In CDS Exon 3 and 4 of transcript AGAP011578-PA
JHU_Ag_673	CDFSLFWSR	AGAP011580-PA	C1(Carbamidomethyl)	52	3.68E-05	1	1217.541	0.17	Visceras	3L:+:28372533-28372559	exon=> In CDS Exon 2 of transcript AGAP011580-PA

JHU_Ag_11643	VLLSWLK	AGAP011580-PA	-	34	0.001983 17	2	858.544	-0.65	Midgut	3L:+:28372704-28372724	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_16891	ALTNFPHTDFVLCK	AGAP011580-PA	C13(Carbamidomethyl)	56	5.00E-05	1	1662.833	1.15	Ovary	3L:+:28372416-28372457	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_17262	EEGGLVTIATQEDNIK	AGAP011580-PA	-	53	7.32E-05	2	1716.874	5.43	Head	3L:+:28372740-28372787	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_20890	YNPEHLK	AGAP011580-PA	-	33	0.005063 153	1	900.456	-1.25	Malpighian tubule	3L:+:28372260-28372280	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_22216	ALTNFPHTDFVLCK	AGAP011580-PA	C13(Carbamidomethyl)	37	0.003600 343	2	1662.832	0.41	Malpighian tubule	3L:+:28372416-28372457	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_23871	VIEAYVEEQAR	AGAP011580-PA	-	87	3.92E-08	2	1306.666	1.82	Visceras	3L:+:28372281-28372313	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_26304	HITEKIEFDNLAPLMANCL	AGAP011580-PA	M15(Oxidation), C18(Carbamidomethyl)	45	0.000491 49	1	2245.104	1.91	Ovary	3L:+:28372794-28372850	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_27194	EIIYLADILEK	AGAP011580-PA	-	81	4.80E-08	1	1319.745	-0.26	Ovary	3L:+:28372500-28372532	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_30389	VIEAYVEEQAR	AGAP011580-PA	-	86	4.96E-08	1	1306.665	1.26	Male reproductive organs	3L:+:28372281-28372313	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_30832	YGWKEEGGLVTIATQEDNIK	AGAP011580-PA	-	78	2.64E-07	1	2251.126	0.67	Midgut	3L:+:28372728-28372787	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_35862	VIEAYVEEQAR	AGAP011580-PA	-	65	5.73E-06	1	1306.666	1.54	Midgut	3L:+:28372281-28372313	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_38267	LYQFNPHLLNLDITYIILLK	AGAP011580-PA	-	139	1.04E-14	1	2444.397	0.57	Ovary	3L:+:28372356-28372415	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_38893	ALTNFPHTDFVLCK	AGAP011580-PA	C13(Carbamidomethyl)	116	4.35E-11	1	1662.830	-0.54	Midgut	3L:+:28372416-28372457	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_39634	EIIYLADILEK	AGAP011580-PA	-	45	0.000192 201	1	1319.745	-0.63	Male reproductive organs	3L:+:28372500-28372532	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_45978	EEGGLVTIATQEDNIK	AGAP011580-PA	-	79	1.91E-07	1	1716.868	1.94	Salivary gland	3L:+:28372740-28372787	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_51362	EIIYLADILEK	AGAP011580-PA	-	73	3.14E-07	2	1319.749	2.79	Head	3L:+:28372500-28372532	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_52032	GYLMQLLGNVEEK	AGAP011580-PA	-	97	2.98E-09	2	1493.768	0.97	Midgut	3L:+:28372665-28372703	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_54675	EIIYLADILEK	AGAP011580-PA	-	44	0.000214 125	2	1319.746	-0.07	Salivary gland	3L:+:28372500-28372532	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_55245	KFVCHVVGITFQTIER	AGAP011580-PA	C4(Carbamidomethyl)	55	3.02E-05	2	1934.034	1.28	Midgut	3L:+:28372617-28372664	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_57444	EIIYLADILEK	AGAP011580-PA	-	62	3.54E-06	2	1319.746	0.39	Midgut	3L:+:28372500-28372532	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_57571	EEGGLVTIATQEDNIK	AGAP011580-PA	-	50	0.000182 52	2	1716.867	1.3	Male reproductive organs	3L:+:28372740-28372787	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_57880	CLLLPAQMNDETVKEIIYLADILEK	AGAP011580-PA	C1(Carbamidomethyl), M8(Oxidation)	69	9.46E-07	1	2948.544	2.83	Ovary	3L:+:28372458-28372532	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_60421	CDFSLFWSR	AGAP011580-PA	C1(Carbamidomethyl)	73	2.68E-07	1	1217.542	0.87	Midgut	3L:+:28372533-28372559	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_60611	EEGGLVTIATQEDNIK	AGAP011580-PA	-	45	0.000474 58	2	1716.868	1.8	Midgut	3L:+:28372740-28372787	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_64893	GYLMQLLGNVEEK	AGAP011580-PA	M4(Oxidation)	88	2.49E-08	1	1509.764	1.58	Ovary	3L:+:28372665-28372703	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_65361	VIEAYVEEQAR	AGAP011580-PA	-	64	6.32E-06	1	1306.662	-1.08	Head	3L:+:28372281-28372313	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_70200	VLLSWLK	AGAP011580-PA	-	43	0.000211 038	1	858.546	1.49	Malpighian tubule	3L:+:28372704-28372724	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_72901	ENQYDLEANLACLK	AGAP011580-PA	C12(Carbamidomethyl)	60	1.72E-05	2	1680.791	0.52	Ovary	3L:+:28372314-28372355	exon=> In CDS Exon 2 of transcript AGAP011580-PA

JHU_Ag_73893	ENQYDLEANLACLK	AGAP011580-PA	C12(Carbamidomethyl)	62	1.09E-05	2	1680.792	1.32	Pupa	3L:+:28372314-28372355	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_76902	GYLMQLLGNVEEK	AGAP011580-PA	M4(Oxidation)	68	2.45E-06	2	1509.767	3.6	Head	3L:+:28372665-28372703	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_78947	EIIYLADILEK	AGAP011580-PA	-	64	2.44E-06	2	1319.749	2.79	Pupa	3L:+:28372500-28372532	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_80630	VLLSWLKR	AGAP011580-PA	-	44	3.14E-05	2	1014.646	0.25	Male reproductive organs	3L:+:28372704-28372727	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_81318	ALTNFPHTDFVLCK	AGAP011580-PA	C13(Carbamidomethyl)	105	5.67E-10	1	1662.833	1.15	Male reproductive organs	3L:+:28372416-28372457	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_84759	VLLSWLK	AGAP011580-PA	-	39	0.000627134	1	858.545	0.14	Salivary gland	3L:+:28372704-28372724	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_92085	ENQYDLEANLACLK	AGAP011580-PA	C12(Carbamidomethyl)	81	1.44E-07	2	1680.795	3.13	Male reproductive organs	3L:+:28372314-28372355	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_92860	GYLMQLLGNVEEK	AGAP011580-PA	-	39	0.002231809	2	1493.769	1.54	Malpighian tubule	3L:+:28372665-28372703	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_94291	VIEAYVEEQARENQYDLEANLACLK	AGAP011580-PA	C23(Carbamidomethyl)	100	1.65E-09	1	2968.439	1.02	Midgut	3L:+:28372281-28372355	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_97364	ENQYDLEANLACLK	AGAP011580-PA	C12(Carbamidomethyl)	60	1.65E-05	2	1680.792	1.17	Salivary gland	3L:+:28372314-28372355	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_102664	VIEAYVEEQAR	AGAP011580-PA	-	82	1.26E-07	1	1306.663	-0.52	Ovary	3L:+:28372281-28372313	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_103929	ENQYDLEANLACLK	AGAP011580-PA	C12(Carbamidomethyl)	62	1.10E-05	2	1680.795	3.13	Visceras	3L:+:28372314-28372355	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_108189	EEGGLVTIATQEDNIK	AGAP011580-PA	-	77	3.55E-07	2	1716.873	4.57	Ovary	3L:+:28372740-28372787	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_109446	FVCHVVGITFQTIER	AGAP011580-PA	C3(Carbamidomethyl)	65	4.67E-06	2	1805.935	-0.86	Midgut	3L:+:28372620-28372664	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_113356	VLLSWLK	AGAP011580-PA	-	36	0.001194978	1	858.546	1.34	Ovary	3L:+:28372704-28372724	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_114873	VIEAYVEEQAR	AGAP011580-PA	-	75	6.42E-07	2	1306.667	2.47	Salivary gland	3L:+:28372281-28372313	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_115367	YGWKEEGGLVTIATQEDNIK	AGAP011580-PA	-	82	1.05E-07	1	2251.131	3.19	Malpighian tubule	3L:+:28372728-28372787	exon=> In CDS Exon 2 of transcript AGAP011580-PA
JHU_Ag_408	NLLEGMNLVQAK	AGAP011581-PA	-	43	0.000737181	2	1329.722	1.9	Visceras	3L:-:28373230-28373195	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_26097	KLNLPDTAMMPAGFGAFAGGPAPGAAAADEEEAAPK	AGAP011581-PA	M9(Oxidation), M10(Oxidation)	80	1.47E-07	1	3544.689	4.52	Malpighian tubule	3L:-:28373419-28373309	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_60018	NLLEGMNLVQAK	AGAP011581-PA	M6(Oxidation)	46	0.000366078	2	1345.717	1.93	Ovary	3L:-:28373230-28373195	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_62111	LAAIVDSIATLNLLEVSELSALLKR	AGAP011581-PA	-	114	2.34E-12	1	2652.558	1.12	Ovary	3L:-:28373494-28373420	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_70981	LTIPVPEGTDKPADPK	AGAP011581-PA	-	45	0.000270984	2	1677.909	2	Visceras	3L:-:28373542-28373495	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_74201	NLLEGMNLVQAK	AGAP011581-PA	-	45	0.000393632	2	1329.721	1.25	Salivary gland	3L:-:28373230-28373195	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_80842	LTIPVPEGTDKPADPK	AGAP011581-PA	-	44	0.000328279	1	1677.908	1.26	Ovary	3L:-:28373542-28373495	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_94624	LAAIVDSIATLNLLEVSELSALLK	AGAP011581-PA	-	72	4.91E-08	1	2496.456	1.07	Ovary	3L:-:28373494-28373423	exon=> In CDS Exon 1 of transcript AGAP011581-PA
JHU_Ag_1980	GTALGVAEYLTPVLK	AGAP011582-PA	-	67	5.96E-07	2	1531.876	1.6	Head	3L:+:28384071-28384115	exon=> In CDS Exon 1 of transcript AGAP011582-PA
JHU_Ag_21288	GTALGVAEYLTPVLK	AGAP011582-PA	-	35	0.001423603	2	1531.874	0.32	Malpighian tubule	3L:+:28384071-28384115	exon=> In CDS Exon 1 of transcript AGAP011582-PA
JHU_Ag_43343	IEDEPAADMDDPR	AGAP011582-PA	M9(Oxidation)	56	9.00E-06	2	1489.613	1.33	Head	3L:+:28384622-28384660	exon=> In CDS Exon 3 of transcript AGAP011582-PA

JHU_Ag_44315	GTALGVAEYLTPVLK	AGAP011582-PA	-	53	1.68E-05	2	1531.874	0.72	Male reproductive organs	3L:+:28384071-28384115	exon=> In CDS Exon 1 of transcript AGAP011582-PA
JHU_Ag_51108	GTALGVAEYLTPVLK	AGAP011582-PA	-	55	1.24E-05	1	1531.873	-0.24	Ovary	3L:+:28384071-28384115	exon=> In CDS Exon 1 of transcript AGAP011582-PA
JHU_Ag_108593	TYDLHITYDK	AGAP011582-PA	-	50	0.000131136	1	1268.619	2.41	Head	3L:+:28384939-28384968	exon=> In CDS Exon 4 of transcript AGAP011582-PA
JHU_Ag_9062	DDNTTYTTSIQLHPTLVPQNHVK	AGAP011583-PA	-	66	3.82E-06	1	2622.323	2.58	Head	3L:+:28394704-28394772	exon=> In CDS Exon 2 of transcript AGAP011583-PA
JHU_Ag_24427	TANQGQAGAAANSAGGTQAAK	AGAP011583-PA	-	44	0.000643276	2	1844.888	1.55	Head	3L:+:28395086-28395148	exon=> In CDS Exon 3 of transcript AGAP011583-PA
JHU_Ag_63890	TANQGQAGAAANSAGGTQAAK	AGAP011583-PA	-	51	0.000133204	2	1844.890	3.14	Malpighian tubule	3L:+:28395086-28395148	exon=> In CDS Exon 3 of transcript AGAP011583-PA
JHU_Ag_75908	SQSEQPATCPICQAVIR	AGAP011583-PA	C9(Carbamidomethyl), C12(Carbamidomethyl)	51	0.000122664	2	1944.925	-0.76	Ovary	3L:+:28395404-28395454	exon=> In CDS Exon 3 of transcript AGAP011583-PA
JHU_Ag_3649	LGTVEVQDQITGAR	AGAP011584-PA	-	59	1.76E-05	2	1486.790	2.62	Malpighian tubule	3L:-:28406409-28406368	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_5696	LSASGFTGTWTANGK	AGAP011584-PA	N13(Deamidated)	105	4.73E-10	2	1497.736	1.65	Midgut	3L:-:28408216-28408172	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_7926	DDFGTVMVYDPEDNDTK	AGAP011584-PA	M7(Oxidation)	33	0.001879611	2	1976.818	5.62	Head	3L:-:28408159-28408109	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_10269	LGTVEVQDQITGAR	AGAP011584-PA	-	95	4.04E-09	1	1486.785	-0.58	Midgut	3L:-:28406409-28406368	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_11017	IIFRDDFGTVMVYDPEDNDTK	AGAP011584-PA	M11(Oxidation)	59	1.46E-05	1	2506.144	-0.29	Midgut	3L:-:28408171-28408109	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_11526	LVTIWMNR	AGAP011584-PA	M6(Oxidation)	39	0.002122528	2	1048.561	-0.03	Midgut	3L:-:28407375-28407352	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_14942	DHIITSVGWTK	AGAP011584-PA	-	85	3.22E-08	1	1256.662	-1.1	Midgut	3L:-:28407414-28407382	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_15958	QSFFNAQMSPNGGNYLVLEAR	AGAP011584-PA	M8(Oxidation), N11(Deamidated),M8(Oxidation)	117	2.95E-11	2	2360.100	0.94	Midgut	3L:-:28406949-28406887	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_16866	EGEPITLDDFLQGR	AGAP011584-PA	-	75	5.60E-07	2	1589.788	4.55	Midgut	3L:-:28408258-28408217	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_18679	SAVPVTSGTFVVQEILR	AGAP011584-PA	-	65	1.49E-06	1	1803.007	3.24	Pupa	3L:-:28407141-28407091	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_19258	IPIYGPPGNPDYQYPR	AGAP011584-PA	-	117	3.73E-11	1	1846.911	-0.55	Midgut	3L:-:28407588-28407541	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_20011	LSASGFTGTWTANGK	AGAP011584-PA	N13(Deamidated)	72	7.36E-07	2	1498.722	3.35	Salivary gland	3L:-:28408216-28408172	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_22746	NPEVHLFQYDLTGR	AGAP011584-PA	-	40	0.001992862	1	1688.840	0.25	Salivary gland	3L:-:28407504-28407463	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_24755	VGTKNPEVHLFQYDLTGR	AGAP011584-PA	-	110	1.08E-10	1	2074.073	0.53	Midgut	3L:-:28407516-28407463	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_29437	DDFGTVMVYDPEDNDTK	AGAP011584-PA	M7(Oxidation)	82	1.68E-08	1	1976.804	-1.17	Midgut	3L:-:28408159-28408109	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_29478	GPNIPWTHVYR	AGAP011584-PA	-	38	0.001506723	1	1339.692	0.66	Salivary gland	3L:-:28406886-28406854	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_29737	IWESNDHLER	AGAP011584-PA	-	71	1.02E-06	1	1298.611	-1.1	Midgut	3L:-:28406736-28406707	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_30465	KLGTVEVQDQITGAR	AGAP011584-PA	-	115	3.31E-11	1	1614.879	-1.37	Midgut	3L:-:28406412-28406368	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_31423	TLLGVANEEQLQGFK	AGAP011584-PA	-	129	1.58E-12	1	1646.875	0.02	Midgut	3L:-:28408108-28408064	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_33863	SAVPVTSGTFVVQEILR	AGAP011584-PA	-	154	2.18E-15	1	1802.998	-1.57	Midgut	3L:-:28407141-28407091	exon=> In CDS Exon 2 of transcript AGAP011584-PA

JHU_Ag_34839	EGEPITLDDFLQGR	AGAP011584-PA	-	77	3.55E-07	1	1589.786	3.47	Malpighian tubule	3L:-:28408258-28408217	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_37549	IPIYGPPGNPDYQYPR	AGAP011584-PA	-	109	2.00E-10	1	1846.912	0.05	Salivary gland	3L:-:28407588-28407541	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_39332	NPEVHLFQYDLTGR	AGAP011584-PA	-	64	6.52E-06	1	1688.842	1.81	Malpighian tubule	3L:-:28407504-28407463	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_40692	AGYETSR	AGAP011584-PA	-	50	9.18E-05	2	783.364	0.58	Salivary gland	3L:-:28406154-28406134	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_41715	LAEIEPPVELVNQQR	AGAP011584-PA	-	84	3.03E-08	2	1734.939	-0.02	Midgut	3L:-:28407459-28407415	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_42882	ALETHDIMFK	AGAP011584-PA	M8(Oxidation)	70	1.43E-06	1	1204.603	0.05	Midgut	3L:-:28406031-28406002	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_44332	IPIYGPPGNPDYQYPR	AGAP011584-PA	-	90	1.94E-08	1	1846.909	-1.54	Head	3L:-:28407588-28407541	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_45614	KLGTVEVQDQITGAR	AGAP011584-PA	-	88	1.18E-08	1	1614.887	3.92	Malpighian tubule	3L:-:28406412-28406368	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_55162	TLLGVANEEQLQGFK	AGAP011584-PA	-	93	6.32E-09	1	1646.876	0.61	Malpighian tubule	3L:-:28408108-28408064	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_57992	QVSYPDEDHSLAGVRPHLYHTLGK	AGAP011584-PA	-	56	3.13E-05	1	2719.360	0.36	Midgut	3L:-:28406001-28406759,28405825-28405855	exon=> In CDS Exon 4 and 3 of transcript AGAP011584-PA
JHU_Ag_59003	YMGLPTLTDNR	AGAP011584-PA	M2(Oxidation)	60	1.40E-05	1	1296.625	-0.3	Midgut	3L:-:28406187-28406155	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_64011	IPIYGPPGNPDYQYPR	AGAP011584-PA	-	85	5.89E-08	1	1846.920	4.21	Malpighian tubule	3L:-:28407588-28407541	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_65513	KLAEIEPPVELVNQQR	AGAP011584-PA	-	109	5.27E-11	1	1863.035	0.86	Midgut	3L:-:28407462-28407415	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_66167	LMYQIYR	AGAP011584-PA	M2(Oxidation)	46	0.000287792	2	986.513	-0.14	Midgut	3L:-:28406433-28406413	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_71496	VEIHELDLGNGFTAK	AGAP011584-PA	-	62	8.07E-06	1	1642.845	0.6	Malpighian tubule	3L:-:28406679-28406635	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_74854	NPEVHLFQYDLTGR	AGAP011584-PA	-	61	1.28E-05	1	1688.842	1.74	Midgut	3L:-:28407504-28407463	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_75677	YLLVAR	AGAP011584-PA	-	33	0.001067635	2	734.456	0.19	Midgut	3L:-:28408039-28408022	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_77828	ALNLVEWSPVGHSFVFVYQNNLYYR	AGAP011584-PA	-	39	0.001512077	1	3015.515	-0.07	Midgut	3L:-:28407846-28407772	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_78387	GPNIPWTHVYR	AGAP011584-PA	-	48	0.000163024	1	1339.693	1.81	Midgut	3L:-:28406886-28406854	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_81458	SAVPVTSGTFVVQEILR	AGAP011584-PA	-	94	2.00E-09	1	1803.006	2.9	Malpighian tubule	3L:-:28407141-28407091	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_84009	DHIITSVGWTK	AGAP011584-PA	-	51	9.68E-05	1	1256.666	2.11	Salivary gland	3L:-:28407414-28407382	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_92718	ELTLHYPK	AGAP011584-PA	-	46	0.000296094	2	1000.549	2.76	Midgut	3L:-:28407540-28407517	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_94332	HVTMISTTER	AGAP011584-PA	M4(Oxidation)	39	0.002027898	1	1190.583	-0.12	Midgut	3L:-:28407171-28407142	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_98470	IPIYGPPGNPDYQYPR	AGAP011584-PA	-	84	6.49E-08	1	1846.919	3.55	Pupa	3L:-:28407588-28407541	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_99075	TYLLVHGTYDDNVHYQQAMQLAR	AGAP011584-PA	M19(Oxidation)	113	7.26E-11	1	2752.310	-1.79	Midgut	3L:-:28406100-28406032	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_99620	VEIHELDLGNGFTAK	AGAP011584-PA	N10(Deamidated)	114	5.65E-11	1	1643.834	3.69	Midgut	3L:-:28406679-28406635	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_103594	LTALHER	AGAP011584-PA	-	50	6.20E-05	2	839.473	-0.41	Midgut	3L:-:28406133-28406113	exon=> In CDS Exon 3 of transcript AGAP011584-PA

JHU_Ag_105333	LGTVEVQDQITGAR	AGAP011584-PA	-	68	2.16E-06	2	1486.788	1.39	Salivary gland	3L:-:28406409-28406368	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_109060	EGEPITLDDFLQGR	AGAP011584-PA	-	70	1.96E-06	2	1589.789	5.54	Larva	3L:-:28408258-28408217	exon=> In CDS Exon 1 of transcript AGAP011584-PA
JHU_Ag_110073	KLAEQLPFVDPQR	AGAP011584-PA	-	87	1.51E-08	1	1540.848	-0.3	Midgut	3L:-:28406367-28406329	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_113218	VGTKNPEVHLFQYDLTGR	AGAP011584-PA	-	57	2.34E-05	1	2074.082	4.94	Malpighian tubule	3L:-:28407516-28407463	exon=> In CDS Exon 2 of transcript AGAP011584-PA
JHU_Ag_117020	LAEQLPFVDPQR	AGAP011584-PA	-	57	2.04E-05	1	1412.753	-0.06	Midgut	3L:-:28406364-28406329	exon=> In CDS Exon 3 of transcript AGAP011584-PA
JHU_Ag_68512	VAGIVSFGDGCAKPGVPGVYTDVAHYEK	AGAP011590-PA	C11(Carbamidomethyl)	68	2.15E-06	1	2893.416	-0.91	Midgut	3L:-:28546508-28546425	exon=> In CDS Exon 3 of transcript AGAP011590-PA
JHU_Ag_70930	CSLAGWGVTDEQSR	AGAP011590-PA	C1(Carbamidomethyl)	88	1.28E-08	2	1565.698	-1.88	Midgut	3L:-:28546718-28546677	exon=> In CDS Exon 3 of transcript AGAP011590-PA
JHU_Ag_74958	YDASLFINDVAILR	AGAP011590-PA	-	100	1.12E-09	1	1609.863	2.92	Midgut	3L:-:28546838-28546797	exon=> In CDS Exon 3 of transcript AGAP011590-PA
JHU_Ag_101882	DACQGDSGGALLCAGGR	AGAP011590-PA	C3(Carbamidomethyl), C13(Carbamidomethyl)	87	1.33E-08	1	1664.709	-1.34	Midgut	3L:-:28546559-28546509	exon=> In CDS Exon 3 of transcript AGAP011590-PA
JHU_Ag_114587	TEFSTISVNQLR	AGAP011592-PA,AGAP011599-PA	-	77	2.88E-07	2	1394.726	-0.7	Male reproductive organs	3L:-:28625525-28625717,28625306-28625426;3L:+:28753288-28753309,28753374-28753387	exon=> In CDS Exon 2 and 1 of transcript AGAP011592-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011599-PA
JHU_Ag_318	GANVFIGYLKDPQR	AGAP011603-PA	-	68	1.94E-06	1	1577.849	3.3	Malpighian tubule	3L:-:29281145-29281487,29280831-29281038	exon=> In CDS Exon 6 and 5 of transcript AGAP011603-PA
JHU_Ag_659	SQYVEQVFVHGESLK	AGAP011603-PA	-	77	3.15E-07	1	1749.879	-1.2	Male reproductive organs	3L:-:29280875-29280831	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_1269	SWAQENNIPGTLSVLCNNPDVK	AGAP011603-PA	C16(Carbamidomethyl)	54	5.84E-05	2	2456.198	4.07	Head	3L:-:29280125-29280060	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_2622	SCIVAIVVPDVEVIK	AGAP011603-PA	C2(Carbamidomethyl)	44	0.000161238	2	1640.931	1.04	Midgut	3L:-:29280170-29280126	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_2979	SQYVEQVFVHGESLK	AGAP011603-PA	-	90	1.54E-08	1	1749.881	0.2	Visceras	3L:-:29280875-29280831	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_4089	NVGIDVHTFDEVEK	AGAP011603-PA	-	32	0.009262546	1	1601.779	-0.94	Midgut	3L:-:29281961-29281920	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_4714	QLILNDMILWGK	AGAP011603-PA	M7(Oxidation)	38	0.001416211	2	1459.801	2.47	Midgut	3L:-:29280059-29280024	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_4764	SQYVEQVFVHGESLK	AGAP011603-PA	-	71	1.24E-06	1	1749.880	-0.29	Salivary gland	3L:-:29280875-29280831	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_8199	LMVVGSAPLSEAVLSFSR	AGAP011603-PA	M2(Oxidation)	64	3.18E-06	2	1879.010	5.38	Salivary gland	3L:-:29281391-29281338	exon=> In CDS Exon 5 of transcript AGAP011603-PA
JHU_Ag_8409	VNLLLDK	AGAP011603-PA	-	51	5.51E-05	2	814.503	0.18	Visceras	3L:-:29282122-29282102	exon=> In CDS Exon 3 of transcript AGAP011603-PA
JHU_Ag_14519	ENLQSPYQWMNFNETLLR	AGAP011603-PA	M10(Oxidation)	54	6.44E-05	2	2299.090	3.85	Larva	3L:-:29282510-29282660,29282094-29282351	exon=> In CDS Exon 3 and 2 of transcript AGAP011603-PA
JHU_Ag_17781	DIYLHPDPFSVQNGLLTPTYK	AGAP011603-PA	-	109	1.37E-10	1	2418.245	4.59	Visceras	3L:-:29279916-29279854	exon=> In CDS Exon 8 of transcript AGAP011603-PA
JHU_Ag_18157	SQYVEQVFVHGESLK	AGAP011603-PA	-	98	2.90E-09	1	1749.882	0.48	Midgut	3L:-:29280875-29280831	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_19289	LRLMVVGSAPLSEAVLSFSR	AGAP011603-PA	M4(Oxidation)	43	0.00013409	3	2148.193	3.7	Malpighian tubule	3L:-:29281397-29281338	exon=> In CDS Exon 5 of transcript AGAP011603-PA

JHU_Ag_19940	LSQGEYIVPEKIENAYIR	AGAP011603-PA	-	66	2.52E-06	1	2122.122	2.09	Head	3L:-:29280929-29280876	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_22891	DIYLHPDPFSVQNGLLTPTYK	AGAP011603-PA	N13(Deamidated)	67	2.71E-06	1	2419.219	0.49	Midgut	3L:-:29279916-29279854	exon=> In CDS Exon 8 of transcript AGAP011603-PA
JHU_Ag_25436	LMVVGSAPLSEAVLSFSR	AGAP011603-PA	M2(Oxidation)	108	1.11E-10	1	1863.019	7.94	Malpighian tubule	3L:-:29281391-29281338	exon=> In CDS Exon 5 of transcript AGAP011603-PA
JHU_Ag_26099	QLILNDMILWGK	AGAP011603-PA	-	61	6.15E-06	2	1443.809	4.05	Visceras	3L:-:29280059-29280024	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_26843	LMVVGSAPLSEAVLSFSR	AGAP011603-PA	M2(Oxidation)	88	1.39E-08	1	1879.001	0.96	Midgut	3L:-:29281391-29281338	exon=> In CDS Exon 5 of transcript AGAP011603-PA
JHU_Ag_28030	DIYLHPDPFSVQNGLLTPTYK	AGAP011603-PA	N13(Deamidated)	83	6.17E-08	1	2418.240	2.62	Head	3L:-:29279916-29279854	exon=> In CDS Exon 8 of transcript AGAP011603-PA
JHU_Ag_35880	LMVVGSAPLSEAVLSFSR	AGAP011603-PA	M2(Oxidation)	120	9.01E-12	1	1863.012	4	Visceras	3L:-:29281391-29281338	exon=> In CDS Exon 5 of transcript AGAP011603-PA
JHU_Ag_36020	SWAQENNIPGTLSVLCNNPDVK	AGAP011603-PA	C16(Carbamidomethyl)	87	3.20E-08	1	2456.193	2.23	Visceras	3L:-:29280125-29280060	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_37804	LGAISDNPELEPKPDDLCTVCYTSGTTGNPK	AGAP011603-PA	C18(Carbamidomethyl), C21(Carbamidomethyl)	52	8.00E-05	1	3349.562	1.52	Salivary gland	3L:-:29281919-29281827	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_40113	LSQGEYIVPEK	AGAP011603-PA	-	57	2.72E-05	1	1262.665	1.95	Salivary gland	3L:-:29280929-29280897	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_40439	LGAISDNPELEPKPDDLCTVCYTSGTTGNPK	AGAP011603-PA	C18(Carbamidomethyl), C21(Carbamidomethyl)	31	0.010322948	1	3349.559	0.75	Midgut	3L:-:29281919-29281827	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_40753	GANVFIGYLKDPQR	AGAP011603-PA	-	102	7.94E-10	1	1577.848	2.81	Visceras	3L:-:29281145-29281487,29280831-29281038	exon=> In CDS Exon 6 and 5 of transcript AGAP011603-PA
JHU_Ag_43387	ENLQSPYQWMNFNETLLR	AGAP011603-PA	M10(Oxidation)	65	4.94E-06	2	2299.099	7.57	Visceras	3L:-:29282510-29282660,29282094-29282351	exon=> In CDS Exon 3 and 2 of transcript AGAP011603-PA
JHU_Ag_44739	GANVFIGYLK	AGAP011603-PA	-	53	3.18E-05	2	1081.605	0.63	Salivary gland	3L:-:29281145-29281487,29280831-29281050	exon=> In CDS Exon 6 and 5 of transcript AGAP011603-PA
JHU_Ag_47189	ENLQSPYQWMNFNETLLR	AGAP011603-PA	M10(Oxidation)	45	0.000469926	1	2299.085	1.62	Head	3L:-:29282510-29282660,29282094-29282351	exon=> In CDS Exon 3 and 2 of transcript AGAP011603-PA
JHU_Ag_48896	SCIVAIVVPDVEVIK	AGAP011603-PA	C2(Carbamidomethyl)	64	1.94E-06	1	1640.935	3.5	Head	3L:-:29280170-29280126	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_53748	SCIVAIVVPDVEVIK	AGAP011603-PA	C2(Carbamidomethyl)	48	6.52E-05	2	1640.934	2.68	Salivary gland	3L:-:29280170-29280126	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_55484	VGDIMVSFLPLAHMLER	AGAP011603-PA	M14(Oxidation),"M5(Oxidation), M14(Oxidation)"	87	2.43E-08	1	1960.012	4.5	Malpighian tubule	3L:-:29281748-29281698	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_56524	LGAISDNPELEPKPDDLCTVCYTSGTTGNPK	AGAP011603-PA	C18(Carbamidomethyl), C21(Carbamidomethyl)	149	1.47E-14	1	3349.562	1.63	Visceras	3L:-:29281919-29281827	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_59455	FVSCLEEDIR	AGAP011603-PA	C4(Carbamidomethyl)	68	2.39E-06	1	1267.600	1.27	Visceras	3L:-:29282606-29282577	exon=> In CDS Exon 2 of transcript AGAP011603-PA
JHU_Ag_61746	LSQGEYIVPEK	AGAP011603-PA	-	68	2.27E-06	1	1262.662	-0.37	Midgut	3L:-:29280929-29280897	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_64365	SFEQVKDIYLHPDPFSVQNGLLTPTYK	AGAP011603-PA	-	79	1.24E-07	1	3136.614	4.73	Malpighian tubule	3L:-:29280008-29280170,29279785-29279854	exon=> In CDS Exon 8 and 7 of transcript AGAP011603-PA
JHU_Ag_65301	IVAIKEVRPATLQR	AGAP011603-PA	-	51	1.75E-06	1	1593.984	2.7	Malpighian tubule	3L:-:29282009-29281968	exon=> In CDS Exon 4 of transcript AGAP011603-PA

JHU_Ag_65890	VNLLLDK	AGAP011603-PA	-	53	4.17E-05	2	814.504	0.4	Salivary gland	3L:-:29282122-29282102	exon=> In CDS Exon 3 of transcript AGAP011603-PA
JHU_Ag_66449	LGAISDNPELEPKPDDLCTVCYTSGTTGNPK	AGAP011603-PA	C18(Carbamidomethyl), C21(Carbamidomethyl)	99	1.71E-09	1	3349.565	2.61	Malpighian tubule	3L:-:29281919-29281827	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_67432	GVMLTHANVLAGVAGVLLQLGPHRPR	AGAP011603-PA	M3(Oxidation)	72	6.72E-08	1	2692.524	1.58	Visceras	3L:-:29281826-29281749	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_69400	SCIVAIVVPDVEVIK	AGAP011603-PA	C2(Carbamidomethyl)	65	1.14E-06	2	1640.938	5.06	Visceras	3L:-:29280170-29280126	exon=> In CDS Exon 7 of transcript AGAP011603-PA
JHU_Ag_71830	LMVVGSAPLSEAVLSFSR	AGAP011603-PA	M2(Oxidation)	110	9.60E-11	2	1879.001	0.83	Head	3L:-:29281391-29281338	exon=> In CDS Exon 5 of transcript AGAP011603-PA
JHU_Ag_71938	VNLLLDK	AGAP011603-PA	-	45	0.000227068	2	814.505	1.83	Head	3L:-:29282122-29282102	exon=> In CDS Exon 3 of transcript AGAP011603-PA
JHU_Ag_71980	VGDIMVSFLPLAHMLER	AGAP011603-PA	M5(Oxidation)	110	1.39E-10	1	1944.010	1.1	Visceras	3L:-:29281748-29281698	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_75239	NVGIDVHTFDEVEK	AGAP011603-PA	-	70	1.37E-06	1	1601.790	5.66	Visceras	3L:-:29281961-29281920	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_79962	FVSCLEEDIR	AGAP011603-PA	C4(Carbamidomethyl)	37	0.002790463	2	1267.597	-1.33	Midgut	3L:-:29282606-29282577	exon=> In CDS Exon 2 of transcript AGAP011603-PA
JHU_Ag_80487	LGAISDNPELEPKPDDLCTVCYTSGTTGNPK	AGAP011603-PA	C18(Carbamidomethyl), C21(Carbamidomethyl)	194	5.44E-19	1	3349.561	1.41	Head	3L:-:29281919-29281827	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_80718	TAETIDKDGWHHTGDIGQWLPNGTLK	AGAP011603-PA	-	140	1.34E-13	1	2890.413	0.29	Visceras	3L:-:29281037-29280960	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_81576	GAYTSNNGPCLGWR	AGAP011603-PA	C10(Carbamidomethyl)	114	4.55E-11	1	1552.700	2.29	Visceras	3L:-:29282552-29282511	exon=> In CDS Exon 2 of transcript AGAP011603-PA
JHU_Ag_88058	SYFAPQLDDMYK	AGAP011603-PA	M10(Oxidation)	38	0.001472876	1	1493.669	4.6	Visceras	3L:-:29279832-29279797	exon=> In CDS Exon 8 of transcript AGAP011603-PA
JHU_Ag_93525	NVGIDVHTFDEVEK	AGAP011603-PA	-	64	5.92E-06	1	1601.785	2.84	Head	3L:-:29281961-29281920	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_96544	GVMLTHANVLAGVAGVLLQLGPHRPR	AGAP011603-PA	M3(Oxidation)	111	1.06E-11	1	2692.532	4.76	Larva	3L:-:29281826-29281749	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_98617	LSQGEYIVPEK	AGAP011603-PA	-	81	1.06E-07	1	1262.664	0.99	Visceras	3L:-:29280929-29280897	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_100259	VGDIMVSFLPLAHMLER	AGAP011603-PA	M5(Oxidation), M14(Oxidation)	56	3.13E-05	1	1960.016	6.55	Larva	3L:-:29281748-29281698	exon=> In CDS Exon 4 of transcript AGAP011603-PA
JHU_Ag_100311	VNLLLDK	AGAP011603-PA	-	48	0.000128279	1	814.504	0.57	Midgut	3L:-:29282122-29282102	exon=> In CDS Exon 3 of transcript AGAP011603-PA
JHU_Ag_100452	GANVFIGYLKDPQR	AGAP011603-PA	-	74	3.87E-07	1	1577.852	5.51	Head	3L:-:29281145-29281487,29280831-29281038	exon=> In CDS Exon 6 and 5 of transcript AGAP011603-PA
JHU_Ag_101621	TLYQSFR	AGAP011603-PA	-	32	0.004981072	1	914.473	-0.06	Visceras	3L:-:29282576-29282556	exon=> In CDS Exon 2 of transcript AGAP011603-PA
JHU_Ag_105886	SFEQVKDIYLHPDPFSVQNGLLTPTYK	AGAP011603-PA	-	62	6.13E-06	1	3136.609	3.2	Head	3L:-:29280008-29280170,29279785-29279854	exon=> In CDS Exon 8 and 7 of transcript AGAP011603-PA
JHU_Ag_107109	SQYVEQVFVHGESLK	AGAP011603-PA	-	122	9.36E-12	1	1749.884	2.15	Head	3L:-:29280875-29280831	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_111714	SYFAPQLDDMYK	AGAP011603-PA	M10(Oxidation)	43	0.000420198	2	1493.661	-0.79	Midgut	3L:-:29279832-29279797	exon=> In CDS Exon 8 of transcript AGAP011603-PA
JHU_Ag_113422	GAYTSNNGPCLGWR	AGAP011603-PA	C10(Carbamidomethyl)	100	1.07E-09	1	1552.700	2.21	Head	3L:-:29282552-29282511	exon=> In CDS Exon 2 of transcript AGAP011603-PA
JHU_Ag_114812	LSQGEYIVPEKIENAYIR	AGAP011603-PA	-	111	6.55E-11	1	2122.129	5.37	Malpighian tubule	3L:-:29280929-29280876	exon=> In CDS Exon 6 of transcript AGAP011603-PA
JHU_Ag_115845	LSQGEYIVPEK	AGAP011603-PA	-	33	0.006565811	2	1262.664	1.08	Head	3L:-:29280929-29280897	exon=> In CDS Exon 6 of transcript AGAP011603-PA

JHU_Ag_117149	LMVVGSAPLSEAVLSFSR	AGAP011603-PA	M2(Oxidation)	106	1.75E-10	2	1879.011	6.29	Larva	3L:-:29281391-29281338	exon=> In CDS Exon 5 of transcript AGAP011603-PA
JHU_Ag_34421	IVLADGTVITK	AGAP011604-PA	-	28	0.003093417	1	1129.691	7.15	Head	3L:-:29404600-29404568	exon=> In CDS Exon 1 of transcript AGAP011604-PA
JHU_Ag_64810	IFPHPQYNPWTFENDIAVLR	AGAP011608-PA	-	53	5.81E-05	3	2457.248	5.22	Larva	3L:-:29490560-29490501	exon=> In CDS Exon 2 of transcript AGAP011608-PA
JHU_Ag_20141	LNDINRK	AGAP011609-PA	N2(Deamidated)	42	0.00118075	1	873.468	-12.26	Malpighian tubule	3L:+:29592805-29592825	exon=> In CDS Exon 2 of transcript AGAP011609-PA
JHU_Ag_40427	AAAAGSDDDDDDDIDSNNVIEGAAR	AGAP011609-PA	-	69	6.36E-07	2	2492.042	5.11	Head	3L:+:29606552-29606626	exon=> In CDS Exon 6 of transcript AGAP011609-PA
JHU_Ag_77996	SYKLIR	AGAP011609-PA	-	31	0.001537282	1	779.489	14.4	Head	3L:+:29606441-29606458	exon=> In CDS Exon 6 of transcript AGAP011609-PA
JHU_Ag_84936	YVTCTLWIPAER	AGAP011614-PA	C4(Carbamidomethyl)	56	3.75E-05	1	1508.763	4.03	Larva	3L:-:29869061-29869026	exon=> In CDS Exon 1 of transcript AGAP011614-PA
JHU_Ag_111005	FSMCMIGDVNR	AGAP011614-PA	M3(Oxidation), C4(Carbamidomethyl), M5(Oxidation)	39	0.000311153	1	1361.569	2.79	Larva	3L:-:29868992-29868960	exon=> In CDS Exon 1 of transcript AGAP011614-PA
JHU_Ag_16813	LGCGEDVSCSEYFNGYAR	AGAP011616-PA	C3(Carbamidomethyl), C9(Carbamidomethyl),"C3 (Carbamidomethyl), C9(Carbamidomethyl), N14(Deamidated)"	133	1.41E-13	1	2083.847	-0.49	Midgut	3L:+:29873502-29873555	exon=> In CDS Exon 1 of transcript AGAP011616-PA
JHU_Ag_43293	TLESVACNR	AGAP011616-PA	C7(Carbamidomethyl)	42	0.001024842	2	1049.502	-2	Midgut	3L:+:29873556-29873582	exon=> In CDS Exon 1 of transcript AGAP011616-PA
JHU_Ag_52134	SAHPYLCEK	AGAP011616-PA	C7(Carbamidomethyl)	36	0.002658875	1	1104.514	0.04	Midgut	3L:+:29873766-29873792	exon=> In CDS Exon 1 of transcript AGAP011616-PA
JHU_Ag_60404	SCVPGNQDTCER	AGAP011617-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	61	2.68E-06	2	1422.578	3.14	Larva	3L:-:29880869-29880834	exon=> In CDS Exon 2 of transcript AGAP011617-PA
JHU_Ag_22569	DTNIDPSYQDYR	AGAP011618-PA	-	46	0.000189536	2	1486.647	1.69	Head	3L:+:29950283-29950318	exon=> In CDS Exon 1 of transcript AGAP011618-PA
JHU_Ag_72496	DTNIDPSYQDYR	AGAP011618-PA	-	37	0.001257015	2	1486.640	-3.32	Midgut	3L:+:29950283-29950318	exon=> In CDS Exon 1 of transcript AGAP011618-PA
JHU_Ag_58634	QLEQLR	AGAP011623-PA	Q4(Deamidated)	43	0.000916986	2	787.432	1.03	Salivary gland	3L:-:30145224-30145207	exon=> In CDS Exon 3 of transcript AGAP011623-PA
JHU_Ag_113834	RQLEQLR	AGAP011623-PA	Q5(Deamidated)	41	0.001207855	1	943.521	-12	Salivary gland	3L:-:30145227-30145207	exon=> In CDS Exon 3 of transcript AGAP011623-PA
JHU_Ag_62978	ELLPLTSVQLAGFR	AGAP011626-PA	-	33	0.001969975	1	1543.889	3.16	Visceras	3L:+:30322814-30322855	exon=> In CDS Exon 3 of transcript AGAP011626-PA
JHU_Ag_4321	LCQLLDSINK	AGAP011627-PA	C2(Carbamidomethyl)	50	0.000135265	2	1203.641	0.36	Salivary gland	3L:-:30329450-30329421	exon=> In CDS Exon 1 of transcript AGAP011627-PA
JHU_Ag_29854	IIGSVIELR	AGAP011627-PA	-	64	1.63E-06	1	999.619	-0.39	Ovary	3L:-:30328902-30328876	exon=> In CDS Exon 3 of transcript AGAP011627-PA
JHU_Ag_37363	TISEYIVSAIEILVAK	AGAP011627-PA	-	46	6.68E-05	1	1749.014	5.16	Ovary	3L:-:30329188-30329141	exon=> In CDS Exon 2 of transcript AGAP011627-PA
JHU_Ag_45123	ELLQLK	AGAP011627-PA	Q4(Deamidated)	41	0.000393694	1	744.450	-0.36	Head	3L:-:30329399-30329382	exon=> In CDS Exon 1 of transcript AGAP011627-PA
JHU_Ag_77764	ELLQLK	AGAP011627-PA	Q4(Deamidated)	41	0.000687081	1	744.459	11.69	Male reproductive organs	3L:-:30329399-30329382	exon=> In CDS Exon 1 of transcript AGAP011627-PA
JHU_Ag_80167	LCQLLDSINK	AGAP011627-PA	C2(Carbamidomethyl)	52	9.57E-05	1	1203.639	-0.85	Ovary	3L:-:30329450-30329421	exon=> In CDS Exon 1 of transcript AGAP011627-PA
JHU_Ag_86239	LCGFELDQDCPDKVDQIMK	AGAP011627-PA	C2(Carbamidomethyl), C10(Carbamidomethyl), M18(Oxidation)	61	7.01E-06	1	2327.034	-0.62	Salivary gland	3L:-:30329004-30328948	exon=> In CDS Exon 3 of transcript AGAP011627-PA
JHU_Ag_105891	IIGSVIELR	AGAP011627-PA	-	57	6.27E-06	2	999.624	3.88	Malpighian tubule	3L:-:30328902-30328876	exon=> In CDS Exon 3 of transcript AGAP011627-PA

JHU_Ag_111132	SSVPSAAEKIIGSVIELR	AGAP011627-PA	-	36	0.000932096	1	1856.060	5.76	Malpighian tubule	3L:-:30328929-30328876	exon=> In CDS Exon 3 of transcript AGAP011627-PA
JHU_Ag_56577	NVVQLSVDAKEFVPLIK	AGAP011628-PA	-	37	0.000292663	1	1899.106	5.65	Malpighian tubule	3L:-:30337695-30337737,30333193-30333490	exon=> In CDS Exon 2 and 1 of transcript AGAP011628-PA
JHU_Ag_108	NILIATGSEVTPFPGIEVDEETIVSSTGALK	AGAP011629-PA	-	76	1.68E-07	1	3187.669	2.07	Head	3L:-:30344346-30344254	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_197	ALLNNSHYYHMAHSGDLAAR	AGAP011629-PA	M11(Oxidation)	124	6.00E-12	1	2241.063	0.41	Malpighian tubule	3L:-:30344610-30344551	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_619	SLTGGIAQLFKK	AGAP011629-PA	-	105	8.96E-11	1	1262.748	1.25	Head	3L:-:30344481-30344446	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_3256	LGADVTAIEFLSTIGGVGIDQEVSKNFQK	AGAP011629-PA	-	93	3.60E-09	3	3036.596	2.25	Malpighian tubule	3L:-:30344175-30344089	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_3681	AEGVAYNVGK	AGAP011629-PA	-	62	1.16E-05	1	1007.518	2.54	Malpighian tubule	3L:-:30343650-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_3897	LGLIGAGVIGLELGSVWGR	AGAP011629-PA	-	155	5.55E-16	1	1867.086	2.88	Visceras	3L:-:30344232-30344176	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_5008	TGSGVSVTVESVK	AGAP011629-PA	-	73	5.74E-07	2	1249.663	-0.47	Pupa	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_5246	LDLDVLMGQK	AGAP011629-PA	M7(Oxidation)	70	1.84E-06	1	1147.601	-1.36	Ovary	3L:-:30344526-30344497	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_5436	LGLIGAGVIGLELGSVWGR	AGAP011629-PA	-	147	2.87E-15	1	1867.084	2.23	Head	3L:-:30344232-30344176	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_6027	GIHVENVR	AGAP011629-PA	-	46	0.000195208	1	923.506	0.07	Visceras	3L:-:30344550-30344527	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_6127	VPVNSQFQTIVPSVYAIGDCIHGPMLAHK	AGAP011629-PA	C20(Carbamidomethyl), M25(Oxidation)	184	3.27E-18	1	3194.613	-0.05	Ovary	3L:-:30343872-30343786	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_7154	RPYTEGLGLENVGIVKDDR	AGAP011629-PA	-	128	1.84E-12	1	2131.120	2.6	Male reproductive organs	3L:-:30343935-30343879	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_7735	GIHVENVR	AGAP011629-PA	-	42	0.000475131	1	923.505	-0.46	Salivary gland	3L:-:30344550-30344527	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_8471	NEEELKAEGVAYNVGK	AGAP011629-PA	-	125	5.15E-12	1	1749.867	1.02	Salivary gland	3L:-:30343668-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_9640	VCHAHPTCAEALR	AGAP011629-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	87	2.59E-08	1	1521.706	0.5	Ovary	3L:-:30343346-30343308	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_9930	ALLNNSHYYHMAHSGDLAAR	AGAP011629-PA	M11(Oxidation)	107	3.16E-10	1	2257.055	-0.86	Salivary gland	3L:-:30344610-30344551	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_10191	AEGVAYNVGK	AGAP011629-PA	-	62	1.31E-05	1	1007.515	-0.43	Salivary gland	3L:-:30343650-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_10924	VLGVHIIGPAAGELINESVLAMEYGASAEDVAR	AGAP011629-PA	M22(Oxidation)	218	1.26E-21	1	3367.724	1.09	Ovary	3L:-:30343533-30344652,30343263-30343347	exon=> In CDS Exon 2 and 1 of transcript AGAP011629-PA
JHU_Ag_11422	LDLDVLMGQK	AGAP011629-PA	M7(Oxidation)	85	4.56E-08	1	1131.609	0.81	Malpighian tubule	3L:-:30344526-30344497	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_11640	FPFAANSR	AGAP011629-PA	-	46	0.000249129	1	909.458	-0.22	Salivary gland	3L:-:30343620-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_12258	TGSGVSVTVESVK	AGAP011629-PA	-	85	3.62E-08	1	1249.662	-0.86	Visceras	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_12328	RPYTEGLGLENVGIVK	AGAP011629-PA	-	83	3.38E-08	1	1744.962	1.46	Larva	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_13001	DGSQQNLEFDVLLVCVGR	AGAP011629-PA	C15(Carbamidomethyl)	35	0.004991946	1	2049.011	2.06	Midgut	3L:-:30343989-30343936	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_14980	GIHVENVR	AGAP011629-PA	-	34	0.001843919	1	923.516	11.44	Male reproductive organs	3L:-:30344550-30344527	exon=> In CDS Exon 1 of transcript AGAP011629-PA

JHU_Ag_15475	VPVNSQFQTIVPSVYAIGDCIHGPMLAHK	AGAP011629-PA	C20(Carbamidomethyl),"C20(Carbamidomethyl), M25(Oxidation)"	96	2.26E-09	1	3194.609	-1.14	Malpighian tubule	3L:-:30343872-30343786	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_16338	AKTNNDTDGFVK	AGAP011629-PA	-	77	3.53E-07	1	1309.639	0.67	Head	3L:-:30343596-30343561	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_17196	NEEELKAEGVAYNVGK	AGAP011629-PA	-	145	5.81E-14	1	1749.867	0.81	Head	3L:-:30343668-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_18279	FPFAANSR	AGAP011629-PA	-	41	0.000840279	2	909.458	-0.22	Visceras	3L:-:30343620-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_18977	TNNDTDGFVK	AGAP011629-PA	-	41	0.000809601	1	1110.505	-1.51	Head	3L:-:30343590-30343561	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_19104	SLTGGIAQLFK	AGAP011629-PA	-	84	2.86E-08	1	1134.653	1.07	Ovary	3L:-:30344481-30344449	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_19631	AEGVAYNVGK	AGAP011629-PA	-	77	3.52E-07	1	1007.514	-1.7	Visceras	3L:-:30343650-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_20055	RPYTEGLGLENVGIVK	AGAP011629-PA	-	107	1.57E-10	1	1744.957	-1.31	Pupa	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_22963	GIHVENVR	AGAP011629-PA	-	43	0.000388596	1	923.506	0.6	Malpighian tubule	3L:-:30344550-30344527	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_23671	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated)	63	3.78E-06	1	1941.048	1.9	Pupa	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_23716	SLTGGIAQLFKK	AGAP011629-PA	-	94	1.28E-09	1	1262.747	-0.01	Malpighian tubule	3L:-:30344481-30344446	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_23732	KADGSEETVNTK	AGAP011629-PA	-	89	2.52E-08	1	1278.618	0.46	Ovary	3L:-:30344382-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_25238	NEEELKAEGVAYNVGK	AGAP011629-PA	-	95	6.38E-09	1	1749.867	0.77	Malpighian tubule	3L:-:30343668-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_26534	TGSGVSVTVESVK	AGAP011629-PA	-	83	6.75E-08	1	1249.664	0.11	Midgut	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_27770	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated)	158	8.76E-16	1	1940.061	0.46	Head	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_27973	RPYTEGLGLENVGIVKDDR	AGAP011629-PA	-	133	5.11E-13	1	2131.114	0.02	Visceras	3L:-:30343935-30343879	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_28253	NEEELKAEGVAYNVGK	AGAP011629-PA	-	165	6.32E-16	1	1749.864	-0.72	Ovary	3L:-:30343668-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_29312	RPYTEGLGLENVGIVKDDR	AGAP011629-PA	-	124	4.90E-12	1	2131.111	-1.36	Midgut	3L:-:30343935-30343879	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_29364	TGSGVSVTVESVK	AGAP011629-PA	-	78	1.75E-07	1	1249.667	2.95	Male reproductive organs	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_29751	KADGSEETVNTK	AGAP011629-PA	-	91	1.42E-08	1	1278.616	-0.78	Salivary gland	3L:-:30344382-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_30233	KADGSEETVNTK	AGAP011629-PA	-	86	5.07E-08	2	1278.617	-0.12	Male reproductive organs	3L:-:30344382-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_30897	VPVNSQFQTIVPSVYAIGDCIHGPMLAHK	AGAP011629-PA	C20(Carbamidomethyl),"C20(Carbamidomethyl), M25(Oxidation)"	152	5.89E-15	1	3194.616	1.1	Head	3L:-:30343872-30343786	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_31087	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated)	105	2.44E-10	2	1941.045	0.58	Ovary	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_34372	VCHAHPTCAEALR	AGAP011629-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	89	1.67E-08	1	1521.704	-0.52	Malpighian tubule	3L:-:30343346-30343308	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_34673	FPFAANSR	AGAP011629-PA	-	43	0.000527745	1	909.458	0.58	Ovary	3L:-:30343620-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_34781	GRVPVNSQFQTIVPSVYAIGDCIHGPMLAHK	AGAP011629-PA	C22(Carbamidomethyl), M27(Oxidation)	91	5.31E-09	1	3407.749	4.08	Head	3L:-:30343878-30343786	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_35593	RPYTEGLGLENVGIVKDDR	AGAP011629-PA	-	116	2.54E-11	1	2131.117	1.05	Malpighian tubule	3L:-:30343935-30343879	exon=> In CDS Exon 1 of transcript AGAP011629-PA

JHU_Ag_35606	FMLGTK	AGAP011629-PA	M2(Oxidation)	33	0.003646272	2	712.369	-1.47	Head	3L:-:30344064-30344047	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_36352	FPFAANSR	AGAP011629-PA	-	42	0.000676743	1	909.457	-0.36	Midgut	3L:-:30343620-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_36760	TNNDTDGFVK	AGAP011629-PA	-	54	4.18E-05	1	1110.504	-2.28	Salivary gland	3L:-:30343590-30343561	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_37982	VLGVHIIGPAAGELINESVLAMEYGASAEDVAR	AGAP011629-PA	M22(Oxidation)	135	2.19E-13	1	3367.728	2.29	Visceras	3L:-:30343533-30344652,30343263-30343347	exon=> In CDS Exon 2 and 1 of transcript AGAP011629-PA
JHU_Ag_38224	LGADVTAIEFLSTIGGVGIDQEVSK	AGAP011629-PA	-	94	3.31E-09	2	2519.331	2.7	Visceras	3L:-:30344175-30344101	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_38352	NEEELKAEGVAYNVGK	AGAP011629-PA	-	118	2.91E-11	1	1749.865	-0.38	Male reproductive organs	3L:-:30343668-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_39746	RPYTEGLGLENVGIVK	AGAP011629-PA	-	111	6.44E-11	1	1744.959	-0.26	Midgut	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_39848	AEGVAYNVGK	AGAP011629-PA	-	53	9.58E-05	2	1007.514	-1.64	Pupa	3L:-:30343650-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_40877	SLTGGIAQLFKK	AGAP011629-PA	-	55	9.55E-06	2	1262.748	0.77	Salivary gland	3L:-:30344481-30344446	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_41240	KADGSEETVNTK	AGAP011629-PA	-	105	4.80E-10	1	1278.610	-5.65	Head	3L:-:30344382-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_41342	ALLNNSHYYHMAHSGDLAAR	AGAP011629-PA	M11(Oxidation)	127	3.20E-12	1	2257.053	-1.83	Midgut	3L:-:30344610-30344551	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_43331	RPYTEGLGLENVGIVK	AGAP011629-PA	-	109	8.13E-11	1	1744.962	1.52	Male reproductive organs	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_43702	EAHTAASFGKPINF	AGAP011629-PA	-	91	1.28E-08	1	1489.743	-0.09	Salivary gland	3L:-:30343307-30343266	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_44308	EAHTAASFGKPINF	AGAP011629-PA	-	92	9.00E-09	1	1489.744	0.56	Visceras	3L:-:30343307-30343266	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_45944	VLGVHIIGPAAGELINESVLAMEYGASAEDVAR	AGAP011629-PA	-	70	6.80E-07	1	3351.725	-0.13	Midgut	3L:-:30343533-30344652,30343263-30343347	exon=> In CDS Exon 2 and 1 of transcript AGAP011629-PA
JHU_Ag_46405	NEEELKAEGVAYNVGK	AGAP011629-PA	-	140	1.81E-13	1	1749.867	1.16	Visceras	3L:-:30343668-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_47263	VCHAHPTCAEALR	AGAP011629-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	49	0.000156161	1	1521.707	1.58	Midgut	3L:-:30343346-30343308	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_47278	VCHAHPTCAEALR	AGAP011629-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	73	5.82E-07	1	1521.705	0.2	Salivary gland	3L:-:30343346-30343308	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_48530	SLTGGIAQLFKK	AGAP011629-PA	-	80	3.11E-08	1	1262.748	1.25	Visceras	3L:-:30344481-30344446	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_50280	SLTGGIAQLFK	AGAP011629-PA	-	82	3.70E-08	2	1134.654	1.71	Head	3L:-:30344481-30344449	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_51342	RPYTEGLGLENVGIVK	AGAP011629-PA	-	92	4.50E-09	2	1744.960	0.41	Visceras	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_51906	NKITHINGFGTITGPNTVVAK	AGAP011629-PA	N7(Deamidated)	124	2.63E-12	1	2183.184	1.03	Malpighian tubule	3L:-:30344445-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_52449	LDLDVLMGQK	AGAP011629-PA	M7(Oxidation)	77	3.26E-07	2	1131.609	0.92	Visceras	3L:-:30344526-30344497	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_52462	TGSGVSVTVESVK	AGAP011629-PA	-	88	1.85E-08	2	1249.666	1.68	Malpighian tubule	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_53370	ALLNNSHYYHMAHSGDLAAR	AGAP011629-PA	M11(Oxidation)	136	4.12E-13	1	2257.060	1.25	Ovary	3L:-:30344610-30344551	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_56180	LGADVTAIEFLSTIGGVGIDQEVSK	AGAP011629-PA	-	91	5.79E-09	2	2519.339	5.8	Salivary gland	3L:-:30344175-30344101	exon=> In CDS Exon 1 of transcript AGAP011629-PA

JHU_Ag_56645	GRVPVNSQFQTIVPSVYAIGDCIHGPMLAHK	AGAP011629-PA	C22(Carbamidomethyl), M27(Oxidation),C22(Carbamidomethyl)	122	5.54E-12	1	3391.742	0.51	Visceras	3L:-:30343878-30343786	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_56804	NILIATGSEVTPFPGIEVDEETIVSSTGALK	AGAP011629-PA	-	50	5.89E-05	1	3187.666	1.04	Visceras	3L:-:30344346-30344254	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_61201	TGSGVSVTVESVK	AGAP011629-PA	-	44	0.000482555	2	1249.666	2.16	Larva	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_61865	NEEELKAEGVAYNVGK	AGAP011629-PA	-	129	2.40E-12	1	1749.865	-0.1	Midgut	3L:-:30343668-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_61995	VLGVHIIGPAAGELINESVLAMEYGASAEDVAR	AGAP011629-PA	M22(Oxidation)	132	4.26E-13	1	3367.733	3.59	Head	3L:-:30343533-30344652,30343263-30343347	exon=> In CDS Exon 2 and 1 of transcript AGAP011629-PA
JHU_Ag_64275	EAHTAASFGKPINF	AGAP011629-PA	-	103	7.68E-10	1	1489.741	-1.98	Male reproductive organs	3L:-:30343307-30343266	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_64576	AEGVAYNVGKFPFAANSR	AGAP011629-PA	-	107	2.92E-10	1	1897.958	1.09	Head	3L:-:30343650-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_64995	RLGLIGAGVIGLELGSVWGR	AGAP011629-PA	-	54	4.51E-06	3	2023.186	2.24	Visceras	3L:-:30344235-30344176	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_65600	RPYTEGLGLENVGIVK	AGAP011629-PA	-	111	5.68E-11	1	1744.961	0.79	Salivary gland	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_65767	EAHTAASFGKPINF	AGAP011629-PA	-	106	3.43E-10	1	1489.744	0.07	Head	3L:-:30343307-30343266	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_67396	LDLDVLMGQK	AGAP011629-PA	M7(Oxidation)	74	6.49E-07	1	1147.602	-1.04	Salivary gland	3L:-:30344526-30344497	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_68183	TNNDTDGFVK	AGAP011629-PA	-	56	3.29E-05	2	1110.508	1.79	Ovary	3L:-:30343590-30343561	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_69554	ADGSEETVNTK	AGAP011629-PA	-	44	0.000433589	2	1150.521	-1.08	Visceras	3L:-:30344379-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_71225	LGADVTAIEFLSTIGGVGIDQEVSK	AGAP011629-PA	-	178	1.21E-17	1	2519.327	1.19	Ovary	3L:-:30344175-30344101	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_73984	TGSGVSVTVESVK	AGAP011629-PA	-	75	3.10E-07	1	1249.673	7.73	Salivary gland	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_75602	GIHVENVR	AGAP011629-PA	-	50	7.74E-05	1	923.506	0	Midgut	3L:-:30344550-30344527	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_78024	ADGSEETVNTK	AGAP011629-PA	-	68	2.22E-06	2	1150.526	3.58	Head	3L:-:30344379-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_79293	KADGSEETVNTK	AGAP011629-PA	-	85	5.81E-08	1	1278.617	-0.59	Midgut	3L:-:30344382-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_79630	RLGLIGAGVIGLELGSVWGR	AGAP011629-PA	-	86	2.97E-09	1	2023.179	-1.02	Midgut	3L:-:30344235-30344176	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_80582	VPVNSQFQTIVPSVYAIGDCIHGPMLAHK	AGAP011629-PA	C20(Carbamidomethyl),"C20(Carbamidomethyl), M25(Oxidation)"	161	7.37E-16	1	3178.621	0.97	Visceras	3L:-:30343872-30343786	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_80791	AEGVAYNVGK	AGAP011629-PA	-	77	3.58E-07	1	1007.515	-0.37	Head	3L:-:30343650-30343621	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_81241	RPYTEGLGLENVGIVKDDR	AGAP011629-PA	-	132	7.57E-13	1	2131.116	0.88	Head	3L:-:30343935-30343879	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_81943	FPFAANSR	AGAP011629-PA	-	47	0.000190218	2	909.457	-0.49	Head	3L:-:30343620-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_83089	FMLGTK	AGAP011629-PA	M2(Oxidation)	35	0.002248273	1	712.369	-1.12	Malpighian tubule	3L:-:30344064-30344047	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_83232	NKITHINGFGTITGPNTVVAK	AGAP011629-PA	-	101	4.70E-10	1	2182.193	-2.32	Head	3L:-:30344445-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_83344	FPFAANSR	AGAP011629-PA	-	50	0.000116795	1	909.459	0.85	Malpighian tubule	3L:-:30343620-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA

JHU_Ag_84002	VLGVHIIGPAAGELINESVLAMEYGAS AEDVAR	AGAP011629-PA	M22(Oxidation)	124	2.53E-12	1	3351.724	-0.57	Salivary gland	3L:-:30343533-30344652,30343263-30343347	exon=> In CDS Exon 2 and 1 of transcript AGAP011629-PA
JHU_Ag_84090	RLGLIGAGVIGLELGSVWGR	AGAP011629-PA	-	45	3.61E-05	3	2023.186	2.51	Head	3L:-:30344235-30344176	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_84673	AKTNNDTDGFVK	AGAP011629-PA	-	86	4.70E-08	1	1309.639	0.76	Malpighian tubule	3L:-:30343596-30343561	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_85400	GIHVENVRLDLDVLMGQK	AGAP011629-PA	M15(Oxidation)	91	4.83E-09	1	2036.103	3.76	Malpighian tubule	3L:-:30344550-30344497	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_85569	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated)	125	2.07E-12	1	1941.049	2.28	Midgut	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_85798	ALLNNSHYYHMAHSGDLAAR	AGAP011629-PA	N4(Deamidated),M11(Oxidation)	133	7.84E-13	1	2241.062	0.09	Visceras	3L:-:30344610-30344551	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_85995	SLTGGIAQLFKK	AGAP011629-PA	-	72	2.23E-07	1	1262.748	0.67	Midgut	3L:-:30344481-30344446	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_86164	SLTGGIAQLFK	AGAP011629-PA	-	68	9.98E-07	1	1134.653	1.17	Salivary gland	3L:-:30344481-30344449	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_86498	EAHTAASFGKPINF	AGAP011629-PA	-	112	9.42E-11	1	1489.746	1.46	Malpighian tubule	3L:-:30343307-30343266	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_86507	DGSQQNLEFDVLLVCVGR	AGAP011629-PA	C15(Carbamidomethyl)	113	7.04E-11	1	2049.010	1.58	Visceras	3L:-:30343989-30343936	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_87885	RPYTEGLGLENVGIVKDDR	AGAP011629-PA	-	95	3.38E-09	1	2131.116	0.79	Salivary gland	3L:-:30343935-30343879	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_88149	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated),"N5(Deamidated), N14(Deamidated)"	158	1.00E-15	1	1940.061	0.52	Visceras	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_91292	TGSGVSVTVESVK	AGAP011629-PA	-	79	1.81E-07	2	1249.664	0.7	Ovary	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_92569	LGADVTAIEFLSTIGGVGIDQEVSK	AGAP011629-PA	-	137	1.66E-13	1	2519.331	2.57	Head	3L:-:30344175-30344101	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_93023	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated)	133	2.63E-13	1	1940.062	0.84	Malpighian tubule	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_93213	RPYTEGLGLENVGIVK	AGAP011629-PA	-	106	1.94E-10	1	1744.957	-1.21	Malpighian tubule	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_93923	ALLNNSHYYHMAHSGDLAAR	AGAP011629-PA	N5(Deamidated), M11(Oxidation),"N4(Deamidated), M11(Oxidation)",M11(Oxidation)	122	8.48E-12	1	2257.055	-0.69	Head	3L:-:30344610-30344551	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_96402	LGADVTAIEFLSTIGGVGIDQEVSK	AGAP011629-PA	-	193	4.57E-19	1	2519.327	1.34	Malpighian tubule	3L:-:30344175-30344101	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_97144	KADGSEETVNTK	AGAP011629-PA	-	77	3.83E-07	2	1278.617	-0.02	Malpighian tubule	3L:-:30344382-30344347	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_97165	VPVNSQFQTIVPSVYAIGDCIHGPMLA HK	AGAP011629-PA	C20(Carbamidomethyl), M25(Oxidation)	92	4.76E-09	1	3194.624	3.51	Midgut	3L:-:30343872-30343786	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_98137	LDLDVLMGQK	AGAP011629-PA	M7(Oxidation)	73	9.45E-07	2	1147.602	-0.72	Head	3L:-:30344526-30344497	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_98498	LDLDVLMGQK	AGAP011629-PA	M7(Oxidation)	67	3.68E-06	2	1147.603	0.55	Male reproductive organs	3L:-:30344526-30344497	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_98687	FMLGTK	AGAP011629-PA	M2(Oxidation)	30	0.007292041	1	712.369	-0.61	Midgut	3L:-:30344064-30344047	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_99284	RLGLIGAGVIGLELGSVWGR	AGAP011629-PA	-	67	2.15E-07	3	2023.187	2.78	Malpighian tubule	3L:-:30344235-30344176	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_100624	SLTGGIAQLFK	AGAP011629-PA	-	76	1.78E-07	1	1134.652	0.21	Malpighian tubule	3L:-:30344481-30344449	exon=> In CDS Exon 1 of transcript AGAP011629-PA

JHU_Ag_101778	TNNDTDGFVK	AGAP011629-PA	-	55	2.89E-05	2	1110.505	-0.85	Midgut	3L:-:30343590-30343561	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_102685	SLTGGIAQLFK	AGAP011629-PA	-	81	6.51E-08	2	1134.649	-2.81	Midgut	3L:-:30344481-30344449	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_105547	FPFAANSR	AGAP011629-PA	-	46	0.000287292	1	909.459	1.05	Male reproductive organs	3L:-:30343620-30343597	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_105720	DGSQQNLEFDVLLVCVGR	AGAP011629-PA	C15(Carbamidomethyl)	101	1.10E-09	1	2049.011	1.94	Head	3L:-:30343989-30343936	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_105860	VLGVHIIGPAAGELINESVLAMEYGASAEDVAR	AGAP011629-PA	M22(Oxidation)	179	1.06E-17	1	3367.718	-0.76	Malpighian tubule	3L:-:30343533-30344652,30343432 63-30343347	exon=> In CDS Exon 2 and 1 of transcript AGAP011629-PA
JHU_Ag_106160	VCHAHPTCAEALR	AGAP011629-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	95	3.81E-09	1	1521.706	0.5	Visceras	3L:-:30343346-30343308	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_106394	DGSQQNLEFDVLLVCVGR	AGAP011629-PA	C15(Carbamidomethyl)	50	0.000159539	2	2049.009	0.86	Salivary gland	3L:-:30343989-30343936	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_106815	VCHAHPTCAEALR	AGAP011629-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	98	1.53E-09	1	1521.699	-4.07	Head	3L:-:30343346-30343308	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_106963	SLTGGIAQLFKK	AGAP011629-PA	-	95	1.10E-09	1	1262.746	-0.3	Male reproductive organs	3L:-:30344481-30344446	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_107395	SLTGGIAQLFK	AGAP011629-PA	-	80	6.80E-08	2	1134.652	0.31	Male reproductive organs	3L:-:30344481-30344449	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_108634	TNNDTDGFVK	AGAP011629-PA	-	55	3.04E-05	2	1110.506	0.14	Malpighian tubule	3L:-:30343590-30343561	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_109652	RPYTEGLGLENVGIVK	AGAP011629-PA	N11(Deamidated)	125	2.30E-12	1	1744.956	-1.84	Head	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_110978	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated)	100	5.82E-10	1	1940.068	4.23	Male reproductive organs	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_111149	SLTGGIAQLFK	AGAP011629-PA	-	80	6.55E-08	2	1134.653	0.85	Visceras	3L:-:30344481-30344449	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_111162	EAHTAASFGKPINF	AGAP011629-PA	-	115	4.42E-11	1	1489.749	3.84	Ovary	3L:-:30343307-30343266	exon=> In CDS Exon 2 of transcript AGAP011629-PA
JHU_Ag_111657	GIHVENVR	AGAP011629-PA	-	41	0.000592671	1	923.506	-0.06	Ovary	3L:-:30344550-30344527	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_112116	VLADKQTDR	AGAP011629-PA	-	54	7.57E-05	1	1045.565	1	Malpighian tubule	3L:-:30343560-30343534	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_112319	DGSQQNLEFDVLLVCVGR	AGAP011629-PA	C15(Carbamidomethyl)	106	3.99E-10	1	2049.008	0.63	Ovary	3L:-:30343989-30343936	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_112690	RPYTEGLGLENVGIVK	AGAP011629-PA	-	110	8.45E-11	1	1744.958	-0.47	Ovary	3L:-:30343935-30343888	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_112772	TGSGVSVTVESVK	AGAP011629-PA	-	92	7.20E-09	1	1249.662	-1.45	Head	3L:-:30344028-30343990	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_113555	GIHVENVR	AGAP011629-PA	-	59	9.04E-06	1	923.502	-3.83	Head	3L:-:30344550-30344527	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_117146	ITHINGFGTITGPNTVVAK	AGAP011629-PA	N5(Deamidated)	89	9.33E-09	2	1941.043	-0.68	Salivary gland	3L:-:30344439-30344383	exon=> In CDS Exon 1 of transcript AGAP011629-PA
JHU_Ag_9660	SAYLDYPLKGQR	AGAP011630-PA	-	57	2.40E-05	1	1410.741	2.23	Malpighian tubule	3L:+:30365012-30365047	exon=> In CDS Exon 1 of transcript AGAP011630-PA
JHU_Ag_37101	GGYASITSGGIGK	AGAP011630-PA	-	72	1.10E-06	2	1167.599	-1.33	Midgut	3L:+:30365099-30365137	exon=> In CDS Exon 1 of transcript AGAP011630-PA
JHU_Ag_89419	SAYLDYPLKGQR	AGAP011630-PA	-	53	5.91E-05	1	1410.737	-0.46	Midgut	3L:+:30365012-30365047	exon=> In CDS Exon 1 of transcript AGAP011630-PA
JHU_Ag_94839	SAYLDYPLK	AGAP011630-PA	-	65	3.42E-06	1	1069.556	-0.17	Midgut	3L:+:30365012-30365038	exon=> In CDS Exon 1 of transcript AGAP011630-PA
JHU_Ag_26848	IQQAIEFIQQK	AGAP011632-PA	-	70	1.05E-06	1	1345.748	0.36	Head	3L:-:30455002-30454970	exon=> In CDS Exon 1 of transcript AGAP011632-PA

JHU_Ag_45104	IQQAIEFIQQK	AGAP011632-PA	-	68	1.73E-06	1	1345.746	-1	Ovary	3L:-:30455002-30454970	exon=> In CDS Exon 1 of transcript AGAP011632-PA
JHU_Ag_46229	VLIDVQCPDEDDCPEGK	AGAP011632-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	64	2.91E-06	2	1988.864	3.14	Midgut	3L:-:30454954-30454904	exon=> In CDS Exon 1 of transcript AGAP011632-PA
JHU_Ag_50003	IQQAIEFIQQK	AGAP011632-PA	-	56	2.96E-05	1	1345.749	0.82	Male reproductive organs	3L:-:30455002-30454970	exon=> In CDS Exon 1 of transcript AGAP011632-PA
JHU_Ag_57441	VLIDVQCPDEDDCPEGK	AGAP011632-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	71	5.34E-07	2	1988.855	-1.52	Visceras	3L:-:30454954-30454904	exon=> In CDS Exon 1 of transcript AGAP011632-PA
JHU_Ag_70681	IQQAIEFIQQK	AGAP011632-PA	-	72	6.56E-07	2	1345.748	0.18	Salivary gland	3L:-:30455002-30454970	exon=> In CDS Exon 1 of transcript AGAP011632-PA
JHU_Ag_100056	VLIDVQCPDEDDCPEGK	AGAP011632-PA	C7(Carbamidomethyl), C13(Carbamidomethyl)	66	1.81E-06	2	1988.862	1.91	Ovary	3L:-:30454954-30454904	exon=> In CDS Exon 1 of transcript AGAP011632-PA
JHU_Ag_104206	IQQAIEFIQQK	AGAP011632-PA	-	70	9.92E-07	2	1345.749	1.18	Midgut	3L:-:30455002-30454970	exon=> In CDS Exon 1 of transcript AGAP011632-PA
JHU_Ag_291	VIAVCDTESSSDLVR	AGAP011633-PA	C5(Carbamidomethyl)	76	3.85E-07	2	1650.802	1.14	Head	3L:-:30455549-30455505	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_4996	HAELNVPLPFIPGHEFSGEIVEIGQDNPHHFNR	AGAP011633-PA	-	56	1.78E-05	1	3746.863	4.41	Ovary	3L:-:30455918-30455820	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_7751	VIAVCDTESSSDLVR	AGAP011633-PA	C5(Carbamidomethyl)	119	1.97E-11	1	1650.802	0.7	Visceras	3L:-:30455549-30455505	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_20549	DVWTVPQSVPLK	AGAP011633-PA	-	46	0.000192896	1	1368.753	0.54	Visceras	3L:-:30455741-30455706	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_23688	VIAVCDTESSSDLVR	AGAP011633-PA	C5(Carbamidomethyl)	92	1.09E-08	2	1650.805	2.7	Malpighian tubule	3L:-:30455549-30455505	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_56282	VIAVCDTESSSDLVR	AGAP011633-PA	C5(Carbamidomethyl)	122	1.11E-11	1	1650.799	-0.7	Ovary	3L:-:30455549-30455505	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_66627	VHYCSLNTTDVK	AGAP011633-PA	C4(Carbamidomethyl)	60	1.43E-05	2	1436.678	-3.82	Head	3L:-:30455969-30455934	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_100704	VIAVCDTESSSDLVR	AGAP011633-PA	C5(Carbamidomethyl)	72	9.17E-07	2	1650.801	0.48	Male reproductive organs	3L:-:30455549-30455505	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_109098	HAELNVPLPFIPGHEFSGEIVEIGQDNPHHFNR	AGAP011633-PA	-	54	3.43E-05	1	3746.857	2.86	Visceras	3L:-:30455918-30455820	exon=> In CDS Exon 2 of transcript AGAP011633-PA
JHU_Ag_7438	LGVLSEDGTQVSDISDRYEGDLITLIR	AGAP011634-PA	-	103	5.15E-10	1	2964.525	3.14	Salivary gland	3L:+:30457286-30457366	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_7569	ANAMDYVFGYTVAQDISARDWQK	AGAP011634-PA	M4(Oxidation)	76	3.65E-07	1	2665.247	4.32	Malpighian tubule	3L:+:30457739-30457807	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_8660	LGVLSEDGTQVSDISDR	AGAP011634-PA	-	71	1.41E-06	2	1790.879	1.03	Head	3L:+:30457286-30457336	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_11620	YEGDLITLIR	AGAP011634-PA	-	43	0.000354707	2	1192.657	0.11	Ovary	3L:+:30457337-30457366	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_18990	AAPLKVDSVELLAPVTNPQK	AGAP011634-PA	-	111	1.46E-11	1	2090.185	-0.28	Midgut	3L:+:30457409-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_24695	QNGSTSELIFRIDDIIAR	AGAP011634-PA	-	69	1.06E-06	1	2048.077	0.14	Malpighian tubule	3L:+:30457946-30457999	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_24744	YATTIVGPHDDVIAHK	AGAP011634-PA	-	62	8.23E-06	1	1736.895	-0.83	Ovary	3L:+:30457553-30457600	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_25215	VTESITLLPGDVILTGTPAGVGMHR	AGAP011634-PA	M23(Oxidation)	47	0.000143611	3	2550.356	-1.35	Midgut	3L:+:30458000-30458007,30458084-30458150	exon=> In CDS Exon 3 and 4 of transcript AGAP011634-PA
JHU_Ag_26985	KPAEFLKPGDVIDSEIEGLGK	AGAP011634-PA	-	114	3.28E-11	1	2242.203	2.98	Midgut	3L:+:30458151-30458213	exon=> In CDS Exon 4 of transcript AGAP011634-PA
JHU_Ag_27847	YATTIVGPHDDVIAHK	AGAP011634-PA	-	60	1.34E-05	1	1736.899	1.4	Male reproductive organs	3L:+:30457553-30457600	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_31795	VTESITLLPGDVILTGTPAGVGMHR	AGAP011634-PA	M23(Oxidation)	101	5.48E-10	1	2550.361	0.45	Ovary	3L:+:30458000-30458007,30458084-30458150	exon=> In CDS Exon 3 and 4 of transcript AGAP011634-PA

JHU_Ag_31926	AAPLKVDSVELLAPVTNPQK	AGAP011634-PA	-	42	9.84E-05	3	2090.194	4.12	Salivary gland	3L:+:30457409-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_32073	ILCVGLNYSGHCEEQNKPIPK	AGAP011634-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	77	3.02E-07	1	2456.179	-11.09	Malpighian tubule	3L:+:30457469-30457531	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_34932	LGVLSEDGTQVSDISDRYEGDLITLIR	AGAP011634-PA	-	134	3.25E-13	1	2964.533	5.8	Midgut	3L:+:30457286-30457366	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_41017	LGVLSEDGTQVSDISDRYEGDLITLIR	AGAP011634-PA	-	186	2.40E-18	1	2964.518	0.73	Ovary	3L:+:30457286-30457366	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_42259	SGASLDEVKASAAK	AGAP011634-PA	-	101	1.36E-09	1	1333.697	0.91	Malpighian tubule	3L:+:30457367-30457408	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_44384	VTESITLLPGDVILTGTPAGVGMHR	AGAP011634-PA	M23(Oxidation)	110	5.39E-11	1	2550.368	3.25	Head	3L:+:30458000-30458007,30458084-30458150	exon=> In CDS Exon 3 and 4 of transcript AGAP011634-PA
JHU_Ag_45068	QNGSTSELIFR	AGAP011634-PA	-	65	5.68E-06	1	1251.634	0.6	Head	3L:+:30457946-30457978	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_49460	ILCVGLNYSGHCEEQNKPIPK	AGAP011634-PA	C3(Carbamidomethyl), C12(Carbamidomethyl)	83	7.73E-08	1	2456.200	-2.59	Head	3L:+:30457469-30457531	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_53676	IDDIIAR	AGAP011634-PA	-	42	0.001178559	1	815.463	0.99	Malpighian tubule	3L:+:30457979-30457999	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_57797	LGVLSEDGTQVSDISDRYEGDLITLIR	AGAP011634-PA	-	180	7.89E-18	1	2964.536	6.66	Malpighian tubule	3L:+:30457286-30457366	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_59206	VDSVELLAPVTNPQK	AGAP011634-PA	-	34	0.002461225	1	1609.890	6.47	Head	3L:+:30457424-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_60443	LGVLSEDGTQVSDISDR	AGAP011634-PA	-	89	1.94E-08	2	1790.888	6	Midgut	3L:+:30457286-30457336	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_60645	KPAEFLKPGDVIDSEIEGLGK	AGAP011634-PA	-	156	2.07E-15	1	2242.195	-0.7	Ovary	3L:+:30458151-30458213	exon=> In CDS Exon 4 of transcript AGAP011634-PA
JHU_Ag_61049	VDSVELLAPVTNPQK	AGAP011634-PA	-	60	7.52E-06	1	1609.884	2.45	Malpighian tubule	3L:+:30457424-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_65111	KPAEFLKPGDVIDSEIEGLGK	AGAP011634-PA	-	110	7.80E-11	1	2242.202	2.32	Visceras	3L:+:30458151-30458213	exon=> In CDS Exon 4 of transcript AGAP011634-PA
JHU_Ag_67706	NGGQFLIGK	AGAP011634-PA	-	52	7.87E-05	2	933.516	1.06	Malpighian tubule	3L:+:30457814-30457840	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_68176	KPAEFLKPGDVIDSEIEGLGK	AGAP011634-PA	-	118	1.34E-11	1	2242.204	3.14	Malpighian tubule	3L:+:30458151-30458213	exon=> In CDS Exon 4 of transcript AGAP011634-PA
JHU_Ag_74613	SMDTFCPLGPAAVHK	AGAP011634-PA	C6(Carbamidomethyl),"M2(Oxidation), C6(Carbamidomethyl)"	69	1.55E-06	1	1646.768	1.05	Malpighian tubule	3L:+:30457841-30457885	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_79642	LGVLSEDGTQVSDISDRYEGDLITLIR	AGAP011634-PA	-	143	4.59E-14	1	2964.522	1.91	Visceras	3L:+:30457286-30457366	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_81877	LGVLSEDGTQVSDISDR	AGAP011634-PA	-	76	4.38E-07	2	1790.874	-1.36	Malpighian tubule	3L:+:30457286-30457336	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_82585	KPAEFLKPGDVIDSEIEGLGK	AGAP011634-PA	-	100	8.52E-10	1	2242.204	3.38	Pupa	3L:+:30458151-30458213	exon=> In CDS Exon 4 of transcript AGAP011634-PA
JHU_Ag_85406	NGGQFLIGK	AGAP011634-PA	-	46	0.00036	2	933.515	0.02	Head	3L:+:30457814-30457840	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_87931	IDDIIAR	AGAP011634-PA	-	50	0.000184585	2	815.462	-0.51	Ovary	3L:+:30457979-30457999	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_89632	YATTIVGPHDDVIAHK	AGAP011634-PA	-	69	1.59E-06	1	1736.895	-1.06	Midgut	3L:+:30457553-30457600	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_92127	SGASLDEVK	AGAP011634-PA	-	56	3.88E-05	2	905.458	0.54	Ovary	3L:+:30457367-30457393	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_92291	VTESITLLPGDVILTGTPAGVGMHR	AGAP011634-PA	M23(Oxidation)	80	5.87E-08	1	2550.368	3.25	Malpighian tubule	3L:+:30458000-30458007,30458084-30458150	exon=> In CDS Exon 3 and 4 of transcript AGAP011634-PA

JHU_Ag_92376	AAPLKVDSVELLAPVTNPQK	AGAP011634-PA	-	108	2.84E-11	1	2090.184	-0.75	Head	3L:+:30457409-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_92753	SGASLDEVK	AGAP011634-PA	-	58	2.28E-05	2	905.459	1.42	Malpighian tubule	3L:+:30457367-30457393	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_93786	VDSVELLAPVTNPQK	AGAP011634-PA	-	57	1.48E-05	2	1609.879	-0.12	Midgut	3L:+:30457424-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_97041	ANAMDYVFGYTVAQDISAR	AGAP011634-PA	M4(Oxidation)	61	1.13E-05	2	2107.985	4.62	Midgut	3L:+:30457739-30457795	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_97522	VTESITLLPGDVILTGTPAGVGMHR	AGAP011634-PA	-	38	0.000641784	1	2534.381	6.56	Visceras	3L:+:30458000-30458007,30458084-30458150	exon=> In CDS Exon 3 and 4 of transcript AGAP011634-PA
JHU_Ag_102609	KPAEFLKPGDVIDSEIEGLGK	AGAP011634-PA	-	134	3.70E-13	1	2242.199	1.18	Head	3L:+:30458151-30458213	exon=> In CDS Exon 4 of transcript AGAP011634-PA
JHU_Ag_102958	AAPLKVDSVELLAPVTNPQK	AGAP011634-PA	-	105	6.14E-11	1	2090.191	2.52	Malpighian tubule	3L:+:30457409-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_103292	SLVKDPHQLAIK	AGAP011634-PA	-	78	3.16E-08	1	1348.799	3.13	Malpighian tubule	3L:+:30457886-30457921	exon=> In CDS Exon 3 of transcript AGAP011634-PA
JHU_Ag_106195	LGVLSEDGTQVSDISDRYEGDLITLIR	AGAP011634-PA	-	175	3.12E-17	1	2964.528	4.13	Head	3L:+:30457286-30457366	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_111189	YATTIVGPHDDVIAHK	AGAP011634-PA	-	75	4.66E-07	1	1736.876	-11.68	Malpighian tubule	3L:+:30457553-30457600	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_114787	VDSVELLAPVTNPQK	AGAP011634-PA	-	48	0.000138063	2	1609.882	1.17	Ovary	3L:+:30457424-30457468	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_114819	KPAEFLKPGDVIDSEIEGLGKIK	AGAP011634-PA	-	108	4.43E-11	1	2483.388	4.89	Malpighian tubule	3L:+:30458151-30458219	exon=> In CDS Exon 4 of transcript AGAP011634-PA
JHU_Ag_116989	YATTIVGPHDDVIAHK	AGAP011634-PA	-	86	3.41E-08	1	1736.893	-2.12	Head	3L:+:30457553-30457600	exon=> In CDS Exon 2 of transcript AGAP011634-PA
JHU_Ag_7481	YYIDDPYTPYHTR	AGAP011635-PA	-	60	1.04E-05	1	1703.769	-0.34	Visceras	3L:-:30458585-30458547	exon=> In CDS Exon 1 of transcript AGAP011635-PA
JHU_Ag_76608	LDWGGWIR	AGAP011635-PA	-	42	0.001125933	2	1002.516	0.53	Visceras	3L:-:30458747-30458724	exon=> In CDS Exon 1 of transcript AGAP011635-PA
JHU_Ag_4366	LVPNRHDIAFVEFATELQSGAAR	AGAP011637-PA	-	95	2.76E-09	1	2541.341	7.96	Ovary	3L:-:30460482-30460414	exon=> In CDS Exon 1 of transcript AGAP011637-PA
JHU_Ag_27776	MDIRPNHTIYINNLNEK	AGAP011637-PA	N-Term(Acetyl), M1(Oxidation)	76	4.36E-07	1	2143.060	-0.08	Head	3L:-:30460998-30460948	exon=> In CDS Exon 1 of transcript AGAP011637-PA
JHU_Ag_55193	HDIAFVEFATELQSGAAR	AGAP011637-PA	-	36	0.004323678	1	1961.983	5.84	Ovary	3L:-:30460467-30460414	exon=> In CDS Exon 1 of transcript AGAP011637-PA
JHU_Ag_55507	MDIRPNHTIYINNLNEK	AGAP011637-PA	N-Term(Acetyl), M1(Oxidation)	100	1.61E-09	1	2143.062	0.86	Ovary	3L:-:30460998-30460948	exon=> In CDS Exon 1 of transcript AGAP011637-PA
JHU_Ag_83473	LVPNRHDIAFVEFATELQSGAAR	AGAP011637-PA	-	106	2.01E-10	1	2541.339	6.98	Malpighian tubule	3L:-:30460482-30460414	exon=> In CDS Exon 1 of transcript AGAP011637-PA
JHU_Ag_89876	MDIRPNHTIYINNLNEK	AGAP011637-PA	N-Term(Acetyl), M1(Oxidation)	97	3.16E-09	1	2143.059	-0.42	Male reproductive organs	3L:-:30460998-30460948	exon=> In CDS Exon 1 of transcript AGAP011637-PA
JHU_Ag_27958	VVNEYIETTANTSVDEIQSHTDALVK	AGAP011638-PA	-	64	5.18E-06	1	2876.429	4.51	Head	3L:-:30466837-30466760	exon=> In CDS Exon 2 of transcript AGAP011638-PA
JHU_Ag_38297	SASRPGTAAAAAAAAAAAAVGNFNSFSPTLAR	AGAP011638-PA	-	54	3.42E-05	3	2918.506	6.65	Ovary	3L:-:30463765-30463670	exon=> In CDS Exon 7 of transcript AGAP011638-PA
JHU_Ag_81075	DCIEDLEEELRLDVR	AGAP011643-PA	C2(Carbamidomethyl)	52	8.72E-05	1	1903.904	-1.46	Midgut	3L:+:30651517-30651561	exon=> In CDS Exon 1 of transcript AGAP011643-PA
JHU_Ag_94120	LPTQPEYVSR	AGAP011643-PA	-	38	0.002782998	2	1189.620	-0.67	Midgut	3L:+:30651355-30651384	exon=> In CDS Exon 1 of transcript AGAP011643-PA
JHU_Ag_105042	DCIEDLEEELR	AGAP011643-PA	C2(Carbamidomethyl)	62	5.03E-06	1	1420.633	4.91	Midgut	3L:+:30651517-30651549	exon=> In CDS Exon 1 of transcript AGAP011643-PA
JHU_Ag_83860	LTGEATTSADEIR	AGAP011644-PA	-	75	6.44E-07	1	1363.671	0.4	Male reproductive organs	3L:-:30657447-30657409	exon=> In CDS Exon 5 of transcript AGAP011644-PA

JHU_Ag_107542	ILYAVNENNYR	AGAP011644-PA	-	38	0.002093 53	2	1368.696	3.96	Midgut	3L:-:30657158-30657126	exon=> In CDS Exon 6 of transcript AGAP011644-PA
JHU_Ag_49424	SIDNVIEHLNYIK	AGAP011654-PA	-	86	2.68E-08	1	1557.838	7.22	Midgut	3L:+:30826620-30826638,308267 04-30826723	exon=> In CDS Exon 3 and 4 of transcript AGAP011654-PA
JHU_Ag_97344	SIDNVIEHLNYIK	AGAP011654-PA	-	54	4.68E-05	1	1557.832	3.33	Larva	3L:+:30826620-30826638,308267 04-30826723	exon=> In CDS Exon 3 and 4 of transcript AGAP011654-PA
JHU_Ag_104288	LAGENLLR	AGAP011654-PA	-	56	2.27E-05	2	885.517	2.43	Larva	3L:+:30826898-30826921	exon=> In CDS Exon 4 of transcript AGAP011654-PA
JHU_Ag_113998	LGMLIDVSHVSHGVMVEVLEHTK	AGAP011654-PA	M3(Oxidation), M15(Oxidation)	51	8.90E-05	1	2562.319	5.23	Larva	3L:+:30826410-30826478	exon=> In CDS Exon 3 of transcript AGAP011654-PA
JHU_Ag_114099	SIDNVIEHLNYIK	AGAP011654-PA	-	45	0.000376 348	2	1557.832	2.99	Head	3L:+:30826620-30826638,308267 04-30826723	exon=> In CDS Exon 3 and 4 of transcript AGAP011654-PA
JHU_Ag_31365	QQLLQQ	AGAP011655-PA	Q2(Deamidated), Q5(Deamidated)	43	0.000271 286	2	759.387	-2.14	Head	3L:+:30933120-30933137	exon=> In CDS Exon 2 of transcript AGAP011655-PA
JHU_Ag_70870	DNEENDDEDSNPIDIPR	AGAP011661-PA	-	61	2.67E-06	1	1986.825	4.28	Head	3L:+:31046116-31046166	exon=> In CDS Exon 4 of transcript AGAP011661-PA
JHU_Ag_44122	AKYDELETELLAFK	AGAP011662-PA	-	81	1.10E-07	2	1669.872	1.93	Head	3L:-:31052618-31052738,310515 21-31051886	exon=> In CDS Exon 2 and 1 of transcript AGAP011662-PA
JHU_Ag_2197	AVVLHEDKR	AGAP011677-PA	-	29	0.007560 385	1	1066.601	0.08	Ovary	3L:-:31278726-31278700	exon=> In CDS Exon 1 of transcript AGAP011677-PA
JHU_Ag_4551	MINTIVSATGTSR	AGAP011682-PA	M1(Oxidation)	76	3.45E-07	2	1366.704	3.27	Larva	3L:+:31317927-31317965	exon=> In CDS Exon 2 of transcript AGAP011682-PA
JHU_Ag_13316	FTIHGWNGGETSGLHANIR	AGAP011683-PA	N7(Deamidated)	117	3.29E-11	1	2068.009	4.49	Larva	3L:-:31314275-31314219	exon=> In CDS Exon 1 of transcript AGAP011683-PA
JHU_Ag_35882	MVNTLVSATGTSR	AGAP011683-PA	M1(Oxidation)	53	7.11E-05	2	1352.688	3.23	Larva	3L:-:31314095-31314057	exon=> In CDS Exon 1 of transcript AGAP011683-PA
JHU_Ag_38139	NNIYLIGHSLGAHAAGNAGK	AGAP011683-PA	-	106	2.58E-10	1	1978.032	3.4	Larva	3L:-:31314056-31313997	exon=> In CDS Exon 1 of transcript AGAP011683-PA
JHU_Ag_6762	ETSESEQLHPLSYVCR	AGAP011685-PA	C15(Carbamidomethyl)	76	3.41E-07	1	1934.895	2.12	Head	3L:+:31378597-31378617,313786 82-31378708	exon=> In CDS Exon 1 and 2 of transcript AGAP011685-PA
JHU_Ag_6853	AYYDDNSDPVSR	AGAP011685-PA	-	78	9.19E-08	1	1401.593	0.76	Head	3L:+:31379798-31379833	exon=> In CDS Exon 6 of transcript AGAP011685-PA
JHU_Ag_9379	ETSESEQLHPLSYVCR	AGAP011685-PA	C15(Carbamidomethyl)	64	5.89E-06	1	1934.900	4.65	Salivary gland	3L:+:31378597-31378617,313786 82-31378708	exon=> In CDS Exon 1 and 2 of transcript AGAP011685-PA
JHU_Ag_14830	INAPLPGSTTSTEHEHGDILVEIEPVK	AGAP011685-PA	-	38	0.001920 404	1	2883.466	-2.7	Head	3L:+:31379117-31379152,313792 34-31379278	exon=> In CDS Exon 3 and 4 of transcript AGAP011685-PA
JHU_Ag_26889	KINSIMVSR	AGAP011685-PA	M6(Oxidation)	45	0.000397 49	1	1063.593	-0.07	Salivary gland	3L:+:31379834-31379848,313799 26-31379937	exon=> In CDS Exon 6 and 7 of transcript AGAP011685-PA
JHU_Ag_43066	FSEAETHLQFAVR	AGAP011685-PA	-	87	3.03E-08	1	1534.766	0.4	Salivary gland	3L:+:31378531-31378569	exon=> In CDS Exon 1 of transcript AGAP011685-PA
JHU_Ag_47634	HHAFEVLINMGGGGK	AGAP011685-PA	M10(Oxidation)	55	4.69E-05	1	1582.783	2.03	Head	3L:+:31378805-31378849	exon=> In CDS Exon 2 of transcript AGAP011685-PA
JHU_Ag_49726	FSDYYVAR	AGAP011685-PA	-	34	0.005179 303	2	1020.477	-1.29	Head	3L:+:31378997-31379020	exon=> In CDS Exon 3 of transcript AGAP011685-PA
JHU_Ag_65826	FSEAETHLQFAVR	AGAP011685-PA	-	62	1.20E-05	1	1534.769	2.87	Head	3L:+:31378531-31378569	exon=> In CDS Exon 1 of transcript AGAP011685-PA
JHU_Ag_68231	HEGVVQGLFTK	AGAP011685-PA	-	90	1.42E-08	1	1214.653	-0.18	Salivary gland	3L:+:31379513-31379545	exon=> In CDS Exon 5 of transcript AGAP011685-PA

JHU_Ag_78208	YHAGIFGGAVSAGMGK	AGAP011685-PA	M14(Oxidation)	128	2.62E-12	1	1538.747	3.49	Head	3L:+:31378874-31378921	exon=> In CDS Exon 2 of transcript AGAP011685-PA
JHU_Ag_78404	YHAGIFGGAVSAGMGK	AGAP011685-PA	M14(Oxidation)	58	2.72E-05	2	1538.745	1.59	Salivary gland	3L:+:31378874-31378921	exon=> In CDS Exon 2 of transcript AGAP011685-PA
JHU_Ag_79317	TSLAETVITYDYMK	AGAP011685-PA	M13(Oxidation)	81	1.21E-07	2	1650.789	-2.61	Salivary gland	3L:+:31379453-31379494	exon=> In CDS Exon 5 of transcript AGAP011685-PA
JHU_Ag_94184	DMEDVK	AGAP011685-PA	M2(Oxidation)	33	0.003198257	2	752.315	2.61	Head	3L:+:31379938-31379955	exon=> In CDS Exon 7 of transcript AGAP011685-PA
JHU_Ag_98320	AYYDDNSDPVSR	AGAP011685-PA	-	61	4.30E-06	2	1401.597	3.46	Malpighian tubule	3L:+:31379798-31379833	exon=> In CDS Exon 6 of transcript AGAP011685-PA
JHU_Ag_101473	ALVIGTNTQAVTSSTLSWEK	AGAP011685-PA	-	99	1.50E-09	2	2106.106	-1.09	Salivary gland	3L:+:31378471-31378530	exon=> In CDS Exon 1 of transcript AGAP011685-PA
JHU_Ag_104036	AYYDDNSDPVSR	AGAP011685-PA	-	76	1.25E-07	1	1401.591	-0.19	Salivary gland	3L:+:31379798-31379833	exon=> In CDS Exon 6 of transcript AGAP011685-PA
JHU_Ag_111390	HEGVVQGLFTK	AGAP011685-PA	-	83	6.51E-08	1	1214.648	-3.7	Head	3L:+:31379513-31379545	exon=> In CDS Exon 5 of transcript AGAP011685-PA
JHU_Ag_6275	NKWFFQK	AGAP011687-PA	-	41	0.000770798	1	997.525	-0.38	Male reproductive organs	3L:-:31393783-31393763	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_6851	MLNYNHLMPTR	AGAP011687-PA	M1(Oxidation), M8(Oxidation)	59	1.56E-05	1	1421.666	-0.03	Male reproductive organs	3L:-:31393942-31393910	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_6991	QFGQALVAGIDRYPR	AGAP011687-PA	-	56	2.34E-05	3	1690.911	5.2	Head	3L:-:31394155-31394111	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_7505	QFGQALVAGIDR	AGAP011687-PA	-	82	1.04E-07	2	1274.686	0.67	Pupa	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_7538	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	180	1.68E-17	1	2241.077	-0.51	Male reproductive organs	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_10000	YSVPDVNLDSK	AGAP011687-PA	-	48	0.000276385	1	1236.610	-0.28	Midgut	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_11331	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	95	4.33E-09	1	2241.085	2.86	Malpighian tubule	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_11833	YSVPDVNLDSK	AGAP011687-PA	-	71	1.36E-06	1	1236.612	0.94	Ovary	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_13629	VVLVLGGR	AGAP011687-PA	-	37	0.000267412	1	812.536	1.17	Male reproductive organs	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_16776	VVLVLGGR	AGAP011687-PA	-	36	0.00044132	1	812.535	-0.18	Head	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_20356	YSVADMKDPAK	AGAP011687-PA	M6(Oxidation)	47	0.000286597	1	1240.590	1.62	Male reproductive organs	3L:-:31393876-31393844	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_23885	QFGQALVAGIDRYPR	AGAP011687-PA	-	77	2.27E-07	1	1690.903	0.11	Visceras	3L:-:31394155-31394111	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_24800	YSVADMKDPAK	AGAP011687-PA	M6(Oxidation)	55	3.90E-05	1	1240.589	0.54	Midgut	3L:-:31393876-31393844	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_25502	YSVPDVNLDSK	AGAP011687-PA	-	64	6.71E-06	1	1236.616	4.1	Head	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_26367	MLNYNHLMPTR	AGAP011687-PA	M8(Oxidation),"M1(Oxidation), M8(Oxidation)"	62	9.61E-06	1	1389.682	3.63	Malpighian tubule	3L:-:31393942-31393910	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_26469	QFGQALVAGIDR	AGAP011687-PA	-	94	5.90E-09	2	1274.693	5.84	Head	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_32887	VVLVLGGR	AGAP011687-PA	-	41	0.00016663	2	812.536	0.93	Malpighian tubule	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_33489	QFGQALVAGIDR	AGAP011687-PA	-	67	3.14E-06	2	1274.688	2.39	Male reproductive organs	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_38914	QFGQALVAGIDR	AGAP011687-PA	-	67	3.36E-06	2	1274.685	-0.29	Midgut	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA

JHU_Ag_42412	VVLVLGGR	AGAP011687-PA	-	44	4.63E-05	2	812.537	1.91	Ovary	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_44530	QFGQALVAGIDRYPR	AGAP011687-PA	-	52	5.60E-05	1	1690.909	4.11	Malpighian tubule	3L:-:31394155-31394111	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_47980	MLNYNHLMPTR	AGAP011687-PA	M1(Oxidation), M8(Oxidation)	52	9.14E-05	1	1421.668	0.92	Ovary	3L:-:31393942-31393910	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_49855	MLNYNHLMPTR	AGAP011687-PA	M1(Oxidation), M8(Oxidation)	61	1.03E-05	1	1421.668	1	Larva	3L:-:31393942-31393910	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_51735	MLNYNHLMPTR	AGAP011687-PA	M8(Oxidation)	48	0.000301853	1	1405.672	0.12	Visceras	3L:-:31393942-31393910	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_52351	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	113	6.73E-11	1	2241.081	1.24	Pupa	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_54740	TFDDGTSDK	AGAP011687-PA	-	34	0.001153041	1	985.413	1.73	Ovary	3L:-:31394182-31394156	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_55349	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	45	0.000467658	1	2241.076	-1.14	Salivary gland	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_57058	YSVADMKDPAK	AGAP011687-PA	M6(Oxidation)	58	2.33E-05	1	1240.592	3.59	Larva	3L:-:31393876-31393844	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_60235	QFGQALVAGIDRYPR	AGAP011687-PA	Q1(Deamidated)	41	0.000915265	2	1691.891	2.42	Ovary	3L:-:31394155-31394111	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_63335	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	97	2.75E-09	1	2241.088	4.29	Larva	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_70890	VVLVLGGR	AGAP011687-PA	-	33	0.000943525	1	812.535	-0.33	Midgut	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_75063	YSVPDVNLDSK	AGAP011687-PA	-	48	0.00028195	1	1236.613	1.99	Pupa	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_79152	YSVPDVNLDSK	AGAP011687-PA	-	61	1.18E-05	2	1236.613	2.22	Malpighian tubule	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_79327	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	67	3.25E-06	1	2241.076	-0.98	Midgut	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_81903	YSVADMKDPAK	AGAP011687-PA	M6(Oxidation)	62	9.01E-06	1	1240.589	0.94	Ovary	3L:-:31393876-31393844	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_82139	YSVPDVNLDSK	AGAP011687-PA	-	64	6.95E-06	1	1236.616	4.3	Larva	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_82741	QFGQALVAGIDRYPR	AGAP011687-PA	-	53	5.18E-05	1	1690.907	2.71	Larva	3L:-:31394155-31394111	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_86494	QFGQALVAGIDR	AGAP011687-PA	-	47	0.000314693	2	1274.688	2.01	Malpighian tubule	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_87484	SGKVVLVLGGR	AGAP011687-PA	-	35	0.000630142	1	1084.684	0.33	Malpighian tubule	3L:-:31394245-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_89135	QFGQALVAGIDR	AGAP011687-PA	-	41	0.001148093	2	1274.691	4.21	Larva	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_89440	YSVPDVNLDSK	AGAP011687-PA	-	64	6.63E-06	1	1236.611	-0.15	Visceras	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_90877	YSVPDVNLDSK	AGAP011687-PA	-	79	2.31E-07	2	1236.611	0.05	Male reproductive organs	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_91388	QFGQALVAGIDRYPR	AGAP011687-PA	-	45	0.000417717	2	1690.900	-1.55	Midgut	3L:-:31394155-31394111	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_92482	YSVADMKDPAK	AGAP011687-PA	-	44	0.00050185	2	1224.594	1.08	Visceras	3L:-:31393876-31393844	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_103264	QFGQALVAGIDR	AGAP011687-PA	-	87	3.56E-08	2	1274.688	1.82	Ovary	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_104774	MLNYNHLMPTR	AGAP011687-PA	M8(Oxidation),"M1(Oxidation), M8(Oxidation)",M1(Oxidation)	83	7.20E-08	1	1389.675	-1.29	Midgut	3L:-:31393942-31393910	exon=> In CDS Exon 2 of transcript AGAP011687-PA

JHU_Ag_107136	QFGQALVAGIDRYPR	AGAP011687-PA	-	58	2.04E-05	1	1690.901	-1.08	Pupa	3L:-:31394155-31394111	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_107180	MLNYNHLMPTR	AGAP011687-PA	M1(Oxidation), M8(Oxidation)	63	7.11E-06	1	1421.666	-0.03	Head	3L:-:31393942-31393910	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_108356	YSVADMKDPAK	AGAP011687-PA	M6(Oxidation)	41	0.001104765	2	1240.592	3	Head	3L:-:31393876-31393844	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_109532	VVLVLGGR	AGAP011687-PA	-	43	8.34E-05	2	812.534	-1.4	Visceras	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_110129	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	46	0.000404885	1	2241.078	-0.16	Ovary	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_110349	VVLVLGGR	AGAP011687-PA	-	32	0.000719749	1	812.538	3.28	Larva	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_110984	TFDDGTSDKQFGQALVAGIDR	AGAP011687-PA	-	100	1.45E-09	1	2241.083	1.97	Visceras	3L:-:31394182-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_111635	YSVADMKDPAK	AGAP011687-PA	M6(Oxidation)	69	1.75E-06	1	1240.589	1.23	Pupa	3L:-:31393876-31393844	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_113314	QFGQALVAGIDR	AGAP011687-PA	-	72	1.09E-06	1	1274.686	0.57	Visceras	3L:-:31394155-31394120	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_117071	VVLVLGGR	AGAP011687-PA	-	42	0.000115546	2	812.535	-0.27	Pupa	3L:-:31394236-31394213	exon=> In CDS Exon 1 of transcript AGAP011687-PA
JHU_Ag_117201	YSVPDVNLDSK	AGAP011687-PA	-	46	0.000426749	2	1236.612	1.04	Salivary gland	3L:-:31393909-31393877	exon=> In CDS Exon 2 of transcript AGAP011687-PA
JHU_Ag_492	AALLQPSQLDTIEQR	AGAP011690-PA	-	130	8.64E-13	1	1682.909	0.81	Malpighian tubule	3L:-:31409208-31409164	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_2429	LFAELETTQASILNGVAANK	AGAP011690-PA	-	98	1.35E-09	1	2090.116	1.71	Malpighian tubule	3L:-:31408829-31408770	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_3302	AALLQPSQLDTIEQR	AGAP011690-PA	-	81	6.47E-08	2	1682.912	3.06	Head	3L:-:31409208-31409164	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_5772	LAGTTGTGNLIEAVQNISAK	AGAP011690-PA	-	133	3.78E-13	1	1958.059	1.91	Head	3L:-:31409268-31409209	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_11152	YLTGEVDFSDGIGR	AGAP011690-PA	-	78	2.38E-07	2	1528.729	0.53	Malpighian tubule	3L:-:31409775-31409734	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_17019	ILELYEIAK	AGAP011690-PA	-	35	0.00176716	1	1091.633	-1.49	Male reproductive organs	3L:-:31409019-31408993	exon=> In CDS Exon 3 of transcript AGAP011690-PA
JHU_Ag_18083	SLDYELAGEGER	AGAP011690-PA	-	87	2.53E-08	2	1338.617	-0.02	Male reproductive organs	3L:-:31409706-31409671	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_18688	ASHETVFGVVSTAK	AGAP011690-PA	-	68	2.66E-06	1	1432.746	1.67	Malpighian tubule	3L:-:31409565-31409524	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_18700	LEQVIGSEVVAGGAGGGDAEAK	AGAP011690-PA	-	46	0.000381414	3	2014.013	1.92	Head	3L:-:31409502-31409437	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_18894	ILELYEIAK	AGAP011690-PA	-	57	1.12E-05	1	1091.635	-0.15	Ovary	3L:-:31409019-31408993	exon=> In CDS Exon 3 of transcript AGAP011690-PA
JHU_Ag_21113	AALLQPSQLDTIEQR	AGAP011690-PA	-	75	2.52E-07	2	1682.909	1.03	Salivary gland	3L:-:31409208-31409164	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_22842	TLLTGVQEAFAQNLENVNK	AGAP011690-PA	-	93	4.72E-09	1	2089.096	1.44	Male reproductive organs	3L:-:31408769-31408713	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_24820	LAGTTGTGNLIEAVQNISAK	AGAP011690-PA	-	153	3.53E-15	1	1958.062	3.22	Malpighian tubule	3L:-:31409268-31409209	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_30022	LQQMIK	AGAP011690-PA	-	35	0.004459522	2	760.438	-0.92	Salivary gland	3L:-:31408679-31408662	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_32987	LAGTTGTGNLIEAVQNISAK	AGAP011690-PA	-	98	1.12E-09	2	1958.064	4.34	Ovary	3L:-:31409268-31409209	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_33484	AALLQPSQLDTIEQR	AGAP011690-PA	-	117	1.60E-11	1	1682.908	0.59	Ovary	3L:-:31409208-31409164	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_35575	TAEEKASHETVFGVVSTAK	AGAP011690-PA	-	113	8.34E-11	1	1991.012	2.2	Malpighian tubule	3L:-:31409580-31409524	exon=> In CDS Exon 2 of transcript AGAP011690-PA

JHU_Ag_36144	ASHETVFGVVSTAK	AGAP011690-PA	-	78	2.59E-07	1	1432.751	5.17	Head	3L:-:31409565-31409524	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_36281	VAQLEHRLHQLEVAVGAKPER	AGAP011690-PA	-	118	4.94E-12	1	2380.323	1.04	Malpighian tubule	3L:-:31409340-31409278	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_43214	TLLTGVQEAFAQNLENVNK	AGAP011690-PA	-	148	1.90E-14	1	2089.090	-1.13	Malpighian tubule	3L:-:31408769-31408713	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_45836	TLLTGVQEAFAQNLENVNKEVK	AGAP011690-PA	-	85	2.09E-08	1	2445.308	3.8	Malpighian tubule	3L:-:31408769-31408704	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_47630	SLDYELAGEGERETPLQR	AGAP011690-PA	-	57	3.19E-05	3	2063.004	0.08	Ovary	3L:-:31409706-31409653	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_49198	SLDYELAGEGER	AGAP011690-PA	-	85	3.98E-08	1	1338.617	-0.57	Malpighian tubule	3L:-:31409706-31409671	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_50293	TLLTGVQEAFAQNLENVNK	AGAP011690-PA	-	151	8.67E-15	1	2089.093	0.15	Ovary	3L:-:31408769-31408713	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_54122	SLDYELAGEGER	AGAP011690-PA	-	81	8.43E-08	1	1338.617	-0.29	Ovary	3L:-:31409706-31409671	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_61148	ILELYEIAK	AGAP011690-PA	-	48	5.71E-05	1	1091.637	2.2	Malpighian tubule	3L:-:31409019-31408993	exon=> In CDS Exon 3 of transcript AGAP011690-PA
JHU_Ag_63573	ASHETVFGVVSTAK	AGAP011690-PA	-	52	9.85E-05	1	1432.746	2.1	Salivary gland	3L:-:31409565-31409524	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_63878	VAQLEHR	AGAP011690-PA	-	43	0.000402005	2	852.465	-3.85	Head	3L:-:31409340-31409320	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_66180	STEPIVQVLPDILNR	AGAP011690-PA	-	73	1.65E-07	2	1693.955	3.69	Malpighian tubule	3L:-:31408992-31408948	exon=> In CDS Exon 3 of transcript AGAP011690-PA
JHU_Ag_69952	VAQLEHR	AGAP011690-PA	-	45	0.000236635	2	852.469	0.37	Ovary	3L:-:31409340-31409320	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_70292	ASHETVFGVVSTAK	AGAP011690-PA	-	49	0.000218072	1	1432.747	2.94	Ovary	3L:-:31409565-31409524	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_72884	LNNLLQQMNSIQEK	AGAP011690-PA	M8(Oxidation)	59	2.35E-05	1	1688.872	4.64	Male reproductive organs	3L:-:31409163-31409122	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_74070	STEPIVQVLPDILNR	AGAP011690-PA	-	86	6.96E-09	2	1693.956	4.41	Ovary	3L:-:31408992-31408948	exon=> In CDS Exon 3 of transcript AGAP011690-PA
JHU_Ag_75739	TLLTGVQEAFAQNLENVNK	AGAP011690-PA	-	113	4.70E-11	1	2089.099	3.19	Head	3L:-:31408769-31408713	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_83975	TLLTGVQEAFAQNLENVNK	AGAP011690-PA	-	68	1.57E-06	1	2089.096	1.61	Visceras	3L:-:31408769-31408713	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_86537	TLLTGVQEAFAQNLENVNKEVK	AGAP011690-PA	-	40	0.00062024	1	2445.315	6.79	Ovary	3L:-:31408769-31408704	exon=> In CDS Exon 4 of transcript AGAP011690-PA
JHU_Ag_91212	LAGTTGTGNLIEAVQNISAK	AGAP011690-PA	-	141	5.35E-14	2	1958.063	4.09	Male reproductive organs	3L:-:31409268-31409209	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_95125	ASHETVFGVVSTAK	AGAP011690-PA	-	42	0.001195981	2	1432.745	1.33	Male reproductive organs	3L:-:31409565-31409524	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_98902	AALLQPSQLDTIEQR	AGAP011690-PA	-	48	0.000120965	2	1682.909	1.1	Male reproductive organs	3L:-:31409208-31409164	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_101577	LHQLEVAVGAKPER	AGAP011690-PA	-	62	3.11E-06	1	1546.873	1.63	Head	3L:-:31409319-31409278	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_106270	STEPIVQVLPDILNR	AGAP011690-PA	-	68	5.58E-07	2	1693.952	1.96	Head	3L:-:31408992-31408948	exon=> In CDS Exon 3 of transcript AGAP011690-PA
JHU_Ag_106545	LHQLEVAVGAKPER	AGAP011690-PA	-	75	1.29E-07	1	1546.874	2.45	Malpighian tubule	3L:-:31409319-31409278	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_109721	LHQLEVAVGAKPER	AGAP011690-PA	-	48	7.16E-05	2	1546.873	1.95	Ovary	3L:-:31409319-31409278	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_110158	SLDYELAGEGERETPLQR	AGAP011690-PA	-	127	3.06E-12	1	2063.008	1.94	Malpighian tubule	3L:-:31409706-31409653	exon=> In CDS Exon 2 of transcript AGAP011690-PA
JHU_Ag_117645	LFAELETTQASILNGVAANK	AGAP011690-PA	-	84	3.27E-08	2	2090.115	1.02	Ovary	3L:-:31408829-31408770	exon=> In CDS Exon 4 of transcript AGAP011690-PA

JHU_Ag_45850	HFLVLFR	AGAP011691-PA	-	34	0.002482638	2	931.555	4.11	Ovary	3L:-:31414415-31414395	exon=> In CDS Exon 3 of transcript AGAP011691-PA
JHU_Ag_12641	LPEGEWFVTAR	AGAP011700-PA	-	48	0.000328225	1	1304.658	-3.97	Midgut	3L:+:31630427-31630459	exon=> In CDS Exon 5 of transcript AGAP011700-PA
JHU_Ag_13238	IENELGEAVSK	AGAP011700-PA	-	74	6.31E-07	1	1188.611	0.55	Malpighian tubule	3L:+:31628461-31628466,31628542-31628568	exon=> In CDS Exon 2 and 3 of transcript AGAP011700-PA
JHU_Ag_14993	YIPVTAEISSHDQNPDGYTWTIR	AGAP011700-PA	-	47	0.000342065	1	2663.278	1.61	Visceras	3L:+:31630183-31630244,31630408-31630414	exon=> In CDS Exon 4 and 5 of transcript AGAP011700-PA
JHU_Ag_16127	IENELGEAVSK	AGAP011700-PA	-	67	3.21E-06	2	1188.610	-0.58	Ovary	3L:+:31628461-31628466,31628542-31628568	exon=> In CDS Exon 2 and 3 of transcript AGAP011700-PA
JHU_Ag_16206	LPEGEWFVTAR	AGAP011700-PA	-	44	0.00064493	2	1304.664	0.52	Visceras	3L:+:31630427-31630459	exon=> In CDS Exon 5 of transcript AGAP011700-PA
JHU_Ag_19496	DLQAYYCK	AGAP011700-PA	C7(Carbamidomethyl)	42	0.000433572	2	1060.477	0.26	Salivary gland	3L:+:31628437-31628460	exon=> In CDS Exon 2 of transcript AGAP011700-PA
JHU_Ag_22804	IHSIQQITEMLVLYR	AGAP011700-PA	Q5(Deamidated), Q6(Deamidated)	49	0.000106126	1	1845.994	8.91	Ovary	3L:+:31628650-31628694	exon=> In CDS Exon 3 of transcript AGAP011700-PA
JHU_Ag_22992	IENELGEAVSK	AGAP011700-PA	-	64	6.73E-06	2	1188.610	-0.89	Midgut	3L:+:31628461-31628466,31628542-31628568	exon=> In CDS Exon 2 and 3 of transcript AGAP011700-PA
JHU_Ag_26934	LPEGEWFVTAR	AGAP011700-PA	-	77	4.28E-07	1	1304.669	3.89	Ovary	3L:+:31630427-31630459	exon=> In CDS Exon 5 of transcript AGAP011700-PA
JHU_Ag_35925	DLQAYYCKIENELGEAVSK	AGAP011700-PA	C7(Carbamidomethyl)	92	9.99E-09	1	2230.078	3.85	Malpighian tubule	3L:+:31628437-31628466,31628542-31628568	exon=> In CDS Exon 2 and 3 of transcript AGAP011700-PA
JHU_Ag_36043	IHSIQQITEMLVLYR	AGAP011700-PA	Q5(Deamidated), Q6(Deamidated)	34	0.004229327	1	1845.989	5.94	Malpighian tubule	3L:+:31628650-31628694	exon=> In CDS Exon 3 of transcript AGAP011700-PA
JHU_Ag_38137	IHSIQQITEMLVLYR	AGAP011700-PA	Q5(Deamidated), Q6(Deamidated)	49	0.000111945	1	1845.988	5.44	Salivary gland	3L:+:31628650-31628694	exon=> In CDS Exon 3 of transcript AGAP011700-PA
JHU_Ag_47973	GSPIIHK	AGAP011700-PA	-	31	0.004670139	1	751.443	-4.6	Head	3L:+:31627218-31627218,31628216-31628235	exon=> In CDS Exon 1 and 2 of transcript AGAP011700-PA
JHU_Ag_50744	YIPVTAEISSHDQNPDGYTWTIR	AGAP011700-PA	-	73	8.81E-07	1	2663.284	4.02	Pupa	3L:+:31630183-31630244,31630408-31630414	exon=> In CDS Exon 4 and 5 of transcript AGAP011700-PA
JHU_Ag_62988	YIPVTAEISSHDQNPDGYTWTIRK	AGAP011700-PA	-	109	1.83E-10	1	2791.376	2.63	Ovary	3L:+:31630183-31630244,31630408-31630417	exon=> In CDS Exon 4 and 5 of transcript AGAP011700-PA
JHU_Ag_66905	DLQAYYCKIENELGEAVSK	AGAP011700-PA	C7(Carbamidomethyl)	91	1.27E-08	2	2230.073	1.39	Ovary	3L:+:31628437-31628466,31628542-31628568	exon=> In CDS Exon 2 and 3 of transcript AGAP011700-PA
JHU_Ag_68072	IHSIQQITEMLVLYR	AGAP011700-PA	Q5(Deamidated), Q6(Deamidated)	34	0.003639497	1	1845.993	8.02	Head	3L:+:31628650-31628694	exon=> In CDS Exon 3 of transcript AGAP011700-PA
JHU_Ag_80985	LPEGEWFVTAR	AGAP011700-PA	-	77	3.79E-07	1	1304.663	-0.7	Salivary gland	3L:+:31630427-31630459	exon=> In CDS Exon 5 of transcript AGAP011700-PA
JHU_Ag_81919	YIPVTAEISSHDQNPDGYTWTIR	AGAP011700-PA	-	100	1.64E-09	1	2663.282	3.19	Ovary	3L:+:31630183-31630244,31630408-31630414	exon=> In CDS Exon 4 and 5 of transcript AGAP011700-PA
JHU_Ag_84951	YIPVTAEISSHDQNPDGYTWTIR	AGAP011700-PA	-	60	1.62E-05	1	2663.287	4.91	Head	3L:+:31630183-31630244,31630408-31630414	exon=> In CDS Exon 4 and 5 of transcript AGAP011700-PA
JHU_Ag_85167	LPEGEWFVTAR	AGAP011700-PA	-	40	0.001893032	2	1304.667	2.58	Head	3L:+:31630427-31630459	exon=> In CDS Exon 5 of transcript AGAP011700-PA

JHU_Ag_111349	IENELGEAVSK	AGAP011700-PA	-	43	0.000794 01	2	1188.611	0.24	Salivary gland	3L:+:31628461-31628466,31628542-31628568	exon=> In CDS Exon 2 and 3 of transcript AGAP011700-PA
JHU_Ag_112981	LPEGEWFVTAR	AGAP011700-PA	-	71	1.52E-06	1	1304.664	0.43	Male reproductive organs	3L:+:31630427-31630459	exon=> In CDS Exon 5 of transcript AGAP011700-PA
JHU_Ag_116129	SIRLPEGEWFVTAR	AGAP011700-PA	-	43	0.000578 871	1	1660.884	1.98	Ovary	3L:+:31630418-31630459	exon=> In CDS Exon 5 of transcript AGAP011700-PA
JHU_Ag_1877	VPVVDLVQFGYFK	AGAP011706-PA	-	116	1.92E-11	1	1510.835	2.83	Head	3L:-:31717888-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_4691	VPVVDLVQFGYFK	AGAP011706-PA	-	117	1.42E-11	1	1510.830	-0.48	Midgut	3L:-:31717888-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_4773	INFDKYHPGYFGK	AGAP011706-PA	-	86	3.75E-08	1	1585.784	2.39	Malpighian tubule	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_13340	VPVVDLVQFGYFK	AGAP011706-PA	-	115	2.42E-11	1	1510.835	2.67	Pupa	3L:-:31717888-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_17420	INFDKYHPGYFGK	AGAP011706-PA	-	67	2.76E-06	1	1585.781	0.54	Pupa	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_18996	VPVVDLVQFGYFK	AGAP011706-PA	-	114	2.77E-11	1	1510.832	1.05	Salivary gland	3L:-:31717888-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_22205	LLGSGGLPK	AGAP011706-PA	-	38	0.000517 879	1	841.513	-1.54	Midgut	3L:-:31717639-31717613	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_23614	NPEKVPVVDLVQFGYFK	AGAP011706-PA	-	57	1.52E-05	1	1979.072	4.25	Malpighian tubule	3L:-:31717900-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_23879	VPVVDLVQFGYFK	AGAP011706-PA	-	114	2.67E-11	1	1510.837	4.04	Male reproductive organs	3L:-:31717888-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_26031	VPVVDLVQFGYFK	AGAP011706-PA	Q8(Deamidated)	116	1.96E-11	1	1510.834	2.26	Ovary	3L:-:31717888-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_26729	AAGGACVLRA	AGAP011706-PA	C6(Carbamidomethyl)	52	0.000101 923	2	945.493	-0.4	Visceras	3L:-:31717549-31717520	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_28925	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	88	1.89E-08	1	2041.066	3.91	Salivary gland	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_29601	INFDKYHPGYFGK	AGAP011706-PA	-	48	0.000223 936	1	1585.779	-0.74	Midgut	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_36630	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	98	1.87E-09	1	2041.067	4.45	Larva	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_41544	VPVVDLVQFGYFK	AGAP011706-PA	-	107	1.57E-10	1	1510.834	2.02	Malpighian tubule	3L:-:31717888-31718109,31717517-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_43150	VSLKVR	AGAP011706-PA	-	42	0.000121 27	2	701.467	0.66	Malpighian tubule	3L:-:31718788-31718791,31718211-31718263	exon=> In CDS Exon 2 and 1 of transcript AGAP011706-PA
JHU_Ag_48854	YHPGYFGK	AGAP011706-PA	-	38	0.001554 977	1	968.467	4.32	Head	3L:-:31718035-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_50910	VPVVDLVQFGYFKLLGSGGLPK	AGAP011706-PA	-	141	1.09E-14	1	2333.327	0.08	Ovary	3L:-:31717888-31718109,31717517-31717613	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_52298	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	104	4.30E-10	1	2041.066	4.03	Malpighian tubule	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA

JHU_Ag_53254	LAEERIK	AGAP011706-PA	-	46	0.000463768	1	858.505	0.63	Malpighian tubule	3L:-:31717570-31717550	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_53981	VPVVDLVQFGYFK	AGAP011706-PA	-	96	1.65E-09	1	1510.835	2.91	Visceras	3L:-:31717888-31718109,31717717-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_57438	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	41	0.001016026	1	2041.065	3.39	Head	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_58150	INFDK	AGAP011706-PA	-	34	0.003452153	1	636.335	-0.25	Midgut	3L:-:31718050-31718036	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_60044	INFDKYHPGYFGK	AGAP011706-PA	-	68	2.65E-06	1	1585.781	0.62	Visceras	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_60438	AAGGACVLR	AGAP011706-PA	C6(Carbamidomethyl)	63	9.99E-06	1	874.457	0.28	Malpighian tubule	3L:-:31717549-31717523	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_60504	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	90	1.20E-08	1	2041.059	0.56	Midgut	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_64043	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	78	1.91E-07	2	2041.065	3.49	Ovary	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_65520	NPEKVPVVDLVQFGYFK	AGAP011706-PA	-	36	0.001718931	1	1979.065	0.87	Male reproductive organs	3L:-:31717900-31718109,31717717-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_67290	AAGGACVLR	AGAP011706-PA	C6(Carbamidomethyl)	52	0.000141193	1	874.454	-2.86	Visceras	3L:-:31717549-31717523	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_67378	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	75	3.33E-07	1	2041.063	2.67	Pupa	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_76525	VPVVDLVQFGYFK	AGAP011706-PA	-	116	1.91E-11	1	1510.840	6.38	Larva	3L:-:31717888-31718109,31717717-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_84424	NPEKVPVVDLVQFGYFK	AGAP011706-PA	-	91	4.91E-09	1	1979.073	4.81	Visceras	3L:-:31717900-31718109,31717717-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_85783	NPEKVPVVDLVQFGYFK	AGAP011706-PA	-	61	5.11E-06	1	1979.064	0.37	Head	3L:-:31717900-31718109,31717717-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_87575	INFDKYHPGYFGK	AGAP011706-PA	-	46	0.000378802	2	1585.783	1.69	Head	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_89692	INFDKYHPGYFGK	AGAP011706-PA	-	77	3.44E-07	1	1585.780	0.08	Male reproductive organs	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_95644	INFDKYHPGYFGK	AGAP011706-PA	-	68	2.20E-06	1	1585.784	2.93	Larva	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_97666	NPEKVPVVDLVQFGYFK	AGAP011706-PA	-	108	1.20E-10	1	1979.065	0.74	Midgut	3L:-:31717900-31718109,31717717-31717640	exon=> In CDS Exon 4 and 3 of transcript AGAP011706-PA
JHU_Ag_99587	AAGGACVLR	AGAP011706-PA	C6(Carbamidomethyl)	69	2.66E-06	1	874.456	-0.07	Male reproductive organs	3L:-:31717549-31717523	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_99941	AAGGACVLR	AGAP011706-PA	C6(Carbamidomethyl)	68	2.88E-06	1	874.458	1.75	Salivary gland	3L:-:31717549-31717523	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_102558	AAGGACVLR	AGAP011706-PA	C6(Carbamidomethyl)	69	2.78E-06	1	874.457	0.42	Ovary	3L:-:31717549-31717523	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_104494	TCGPIIVK	AGAP011706-PA	C2(Carbamidomethyl)	38	0.002663254	1	887.503	1.58	Malpighian tubule	3L:-:31717612-31717589	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_106881	TCGPIIVK	AGAP011706-PA	C2(Carbamidomethyl)	38	0.002428118	2	887.502	-0.21	Salivary gland	3L:-:31717612-31717589	exon=> In CDS Exon 4 of transcript AGAP011706-PA
JHU_Ag_117429	FCPTINLSHLWSLVPEK	AGAP011706-PA	C2(Carbamidomethyl)	47	0.000215438	2	2041.070	6.24	Visceras	3L:-:31717972-31717922	exon=> In CDS Exon 3 of transcript AGAP011706-PA
JHU_Ag_117457	INFDKYHPGYFGK	AGAP011706-PA	-	43	0.000851382	1	1585.780	0.07	Salivary gland	3L:-:31718050-31718012	exon=> In CDS Exon 3 of transcript AGAP011706-PA

JHU_Ag_75355	GPEEAEETFEPNAGR	AGAP011708-PA	-	48	0.000119203	2	1632.711	-1.89	Head	3L:-:31727854-31727810	exon=> In CDS Exon 1 of transcript AGAP011708-PA
JHU_Ag_89143	EPGAASEEASSGAPSATTGER	AGAP011708-PA	-	113	4.99E-11	2	1961.872	1.59	Head	3L:-:31727917-31727855	exon=> In CDS Exon 1 of transcript AGAP011708-PA
JHU_Ag_93793	EVAVLR	AGAP011710-PA	-	42	0.001021914	1	686.423	4.75	Malpighian tubule	3L:+:31736559-31736576	exon=> In CDS Exon 6 of transcript AGAP011710-PA
JHU_Ag_115292	EVAVLR	AGAP011710-PA	-	42	0.000463694	1	686.420	0.75	Male reproductive organs	3L:+:31736559-31736576	exon=> In CDS Exon 6 of transcript AGAP011710-PA
JHU_Ag_9764	FDELDALIK	AGAP011715-PA	-	59	1.94E-05	2	1063.567	0.23	Midgut	3L:+:32087738-32087764	exon=> In CDS Exon 1 of transcript AGAP011715-PA
JHU_Ag_18259	VVFVGNFLR	AGAP011715-PA	-	41	0.000278654	2	1050.610	0.59	Ovary	3L:+:32088492-32088518	exon=> In CDS Exon 4 of transcript AGAP011715-PA
JHU_Ag_19066	EDLAHAILVTITNNIGSIAR	AGAP011715-PA	-	58	5.98E-06	3	2121.172	2.8	Malpighian tubule	3L:+:32088338-32088397	exon=> In CDS Exon 3 of transcript AGAP011715-PA
JHU_Ag_28538	EDLAHAILVTITNNIGSIAR	AGAP011715-PA	-	75	1.40E-07	1	2121.163	-1.52	Ovary	3L:+:32088338-32088397	exon=> In CDS Exon 3 of transcript AGAP011715-PA
JHU_Ag_31333	FPTSEMLSFLK	AGAP011715-PA	-	63	6.35E-06	1	1299.661	-3.53	Midgut	3L:+:32087591-32087623	exon=> In CDS Exon 1 of transcript AGAP011715-PA
JHU_Ag_38494	DITPGELDQEAR	AGAP011715-PA	-	49	0.000165532	2	1343.643	-0.25	Midgut	3L:+:32087426-32087461	exon=> In CDS Exon 1 of transcript AGAP011715-PA
JHU_Ag_65356	EDLAHAILVTITNNIGSIAR	AGAP011715-PA	-	38	0.000505904	3	2121.179	5.82	Midgut	3L:+:32088338-32088397	exon=> In CDS Exon 3 of transcript AGAP011715-PA
JHU_Ag_113760	FPTSEMLSFLK	AGAP011715-PA	-	40	0.001051817	2	1299.668	1.92	Head	3L:+:32087591-32087623	exon=> In CDS Exon 1 of transcript AGAP011715-PA
JHU_Ag_14666	IELSSANLSTLELLK	AGAP011716-PA	-	58	8.90E-06	2	1630.921	-3.1	Midgut	3L:-:32107775-32107731	exon=> In CDS Exon 3 of transcript AGAP011716-PA
JHU_Ag_95137	ITATFDPFDESAVPTR	AGAP011716-PA	-	47	0.00033052	2	1766.858	-1.02	Midgut	3L:-:32108838-32108937,32107870-32107997	exon=> In CDS Exon 2 and 1 of transcript AGAP011716-PA
JHU_Ag_1387	DGVSEGQFPHVLQHELTAIR	AGAP011717-PA	-	51	8.61E-05	1	2233.149	5.92	Ovary	3L:+:32124387-32124446	exon=> In CDS Exon 11 of transcript AGAP011717-PA
JHU_Ag_2876	SFFSSPDGYYHPLGGGR	AGAP011717-PA	-	40	0.001304897	1	1843.839	-0.23	Head	3L:+:32120303-32120325,32120406-32120433	exon=> In CDS Exon 4 and 5 of transcript AGAP011717-PA
JHU_Ag_10378	EGRPIVLR	AGAP011717-PA	-	29	0.003375699	1	939.575	1.68	Malpighian tubule	3L:+:32119868-32119891	exon=> In CDS Exon 4 of transcript AGAP011717-PA
JHU_Ag_17762	DGVSEGQFPHVLQHELTAIR	AGAP011717-PA	-	48	0.000191667	1	2233.143	3.3	Head	3L:+:32124387-32124446	exon=> In CDS Exon 11 of transcript AGAP011717-PA
JHU_Ag_36207	SFFSSPDGYYHPLGGGR	AGAP011717-PA	-	52	7.57E-05	1	1843.842	1.13	Ovary	3L:+:32120303-32120325,32120406-32120433	exon=> In CDS Exon 4 and 5 of transcript AGAP011717-PA
JHU_Ag_38725	VFDEPVIFLGADVTHPPAGDNK	AGAP011717-PA	-	83	7.72E-08	1	2338.180	3.43	Malpighian tubule	3L:+:32124135-32124200	exon=> In CDS Exon 11 of transcript AGAP011717-PA
JHU_Ag_39951	VGDTVLGMATQCVQAK	AGAP011717-PA	M8(Oxidation), C12(Carbamidomethyl)	74	7.09E-07	2	1693.833	4.84	Malpighian tubule	3L:+:32123892-32123939	exon=> In CDS Exon 10 of transcript AGAP011717-PA
JHU_Ag_41940	HTYLPLEVCNIVAGQR	AGAP011717-PA	C9(Carbamidomethyl)	58	1.94E-05	2	1869.975	5.87	Head	3L:+:32122753-32122800	exon=> In CDS Exon 7 of transcript AGAP011717-PA
JHU_Ag_44211	VFDEPVIFLGADVTHPPAGDNK	AGAP011717-PA	-	57	3.12E-05	1	2338.185	5.78	Ovary	3L:+:32124135-32124200	exon=> In CDS Exon 11 of transcript AGAP011717-PA
JHU_Ag_51043	VWAIACFAPQR	AGAP011717-PA	C6(Carbamidomethyl)	48	0.000264355	2	1318.672	-0.39	Midgut	3L:+:32123560-32123592	exon=> In CDS Exon 9 of transcript AGAP011717-PA
JHU_Ag_55043	VSSMSGQLLSGPQNK	AGAP011717-PA	M4(Oxidation)	107	3.68E-10	1	1548.774	3.16	Malpighian tubule	3L:+:32123114-32123134,32123461-32123484	exon=> In CDS Exon 8 and 9 of transcript AGAP011717-PA

JHU_Ag_58509	ISNDAGMPIIGQPCFCK	AGAP011717-PA	M7(Oxidation), C14(Carbamidomethyl), C16(Carbamidomethyl)	38	0.001678348	2	1923.881	2.48	Malpighian tubule	3L:+:32123641-32123691	exon=> In CDS Exon 9 of transcript AGAP011717-PA
JHU_Ag_58689	LGGINSILVPSIRPK	AGAP011717-PA	-	88	9.64E-10	1	1563.958	0	Midgut	3L:+:32124000-32124044	exon=> In CDS Exon 10 of transcript AGAP011717-PA
JHU_Ag_61100	LGGINSILVPSIRPK	AGAP011717-PA	-	54	1.49E-06	1	1563.962	2.45	Salivary gland	3L:+:32124000-32124044	exon=> In CDS Exon 10 of transcript AGAP011717-PA
JHU_Ag_61779	HTYLPLEVCNIVAGQR	AGAP011717-PA	C9(Carbamidomethyl)	73	6.51E-07	1	1869.968	2.34	Ovary	3L:+:32122753-32122800	exon=> In CDS Exon 7 of transcript AGAP011717-PA
JHU_Ag_64844	LGGINSILVPSIRPK	AGAP011717-PA	-	50	4.36E-06	1	1563.961	1.56	Ovary	3L:+:32124000-32124044	exon=> In CDS Exon 10 of transcript AGAP011717-PA
JHU_Ag_69614	KPSIAAVVGSMDAHPSR	AGAP011717-PA	M11(Oxidation)	70	1.58E-06	2	1738.891	0.27	Head	3L:+:32124201-32124251	exon=> In CDS Exon 11 of transcript AGAP011717-PA
JHU_Ag_80029	VFDEPVIFLGADVTHPPAGDNK	AGAP011717-PA	-	77	3.13E-07	1	2338.180	3.59	Head	3L:+:32124135-32124200	exon=> In CDS Exon 11 of transcript AGAP011717-PA
JHU_Ag_80457	HTYLPLEVCNIVAGQR	AGAP011717-PA	C9(Carbamidomethyl)	60	1.18E-05	1	1869.967	1.46	Midgut	3L:+:32122753-32122800	exon=> In CDS Exon 7 of transcript AGAP011717-PA
JHU_Ag_80761	LGGINSILVPSIRPK	AGAP011717-PA	-	80	5.44E-09	1	1563.960	0.93	Malpighian tubule	3L:+:32124000-32124044	exon=> In CDS Exon 10 of transcript AGAP011717-PA
JHU_Ag_83401	SVSIPAPAYYAHLVAFR	AGAP011717-PA	-	71	7.71E-07	1	1862.000	2.18	Midgut	3L:+:32124853-32124903	exon=> In CDS Exon 12 of transcript AGAP011717-PA
JHU_Ag_108256	RPAQMQSFPLQLENGQTVECTVAK	AGAP011717-PA	M5(Oxidation), C20(Carbamidomethyl)	44	0.000657421	1	2748.337	-2.63	Ovary	3L:+:32120773-32120792,32122626-32122677	exon=> In CDS Exon 6 and 7 of transcript AGAP011717-PA
JHU_Ag_110122	YATGPDQVEPMFR	AGAP011717-PA	M11(Oxidation)	65	3.70E-06	1	1526.693	-0.7	Midgut	3L:+:32123692-32123730	exon=> In CDS Exon 9 of transcript AGAP011717-PA
JHU_Ag_94481	YIELFR	AGAP011722-PA,AGAP002892-PA	-	40	0.000815243	2	840.468	7.66	Malpighian tubule	3L:-:32344342-32344325;2R:-:28974324-28974307	exon=> In CDS Exon 8 of transcript AGAP011722-PA;exon=> In CDS Exon 3 of transcript AGAP002892-PA
JHU_Ag_2611	TAGSAIYANR	AGAP011723-PA	-	42	0.000918053	2	1023.523	1.27	Male reproductive organs	3L:-:32414802-32414773	exon=> In CDS Exon 2 of transcript AGAP011723-PA
JHU_Ag_21479	TAGSAIYANRHYLALYK	AGAP011723-PA	-	77	2.05E-07	1	1912.009	0.86	Malpighian tubule	3L:-:32414802-32414752	exon=> In CDS Exon 2 of transcript AGAP011723-PA
JHU_Ag_38866	MENPPLFNTDGR	AGAP011723-PA	M1(Oxidation)	43	0.000637335	2	1406.638	0.73	Salivary gland	3L:-:32414280-32414245	exon=> In CDS Exon 4 of transcript AGAP011723-PA
JHU_Ag_41660	LYALPVNNWWSQIK	AGAP011723-PA	-	32	0.006297469	1	1731.933	6.23	Ovary	3L:-:32414844-32414803	exon=> In CDS Exon 2 of transcript AGAP011723-PA
JHU_Ag_44346	VEGTPSDPDPNKPFAK	AGAP011723-PA	-	48	0.000208146	1	1698.833	-0.01	Salivary gland	3L:-:32414328-32414281	exon=> In CDS Exon 4 of transcript AGAP011723-PA
JHU_Ag_48349	LYALPVNNWWSQIK	AGAP011723-PA	-	37	0.002261117	2	1731.927	2.77	Salivary gland	3L:-:32414844-32414803	exon=> In CDS Exon 2 of transcript AGAP011723-PA
JHU_Ag_76662	ALVSIMGTEATR	AGAP011723-PA	M6(Oxidation)	48	0.000249088	2	1264.655	-1.14	Salivary gland	3L:-:32415141-32415106	exon=> In CDS Exon 2 of transcript AGAP011723-PA
JHU_Ag_82860	VEGTPSDPDPNKPFAK	AGAP011723-PA	-	81	1.25E-07	1	1698.835	1.14	Malpighian tubule	3L:-:32414328-32414281	exon=> In CDS Exon 4 of transcript AGAP011723-PA
JHU_Ag_84417	LYALPVNNWWSQIK	AGAP011723-PA	-	48	0.000161879	2	1731.932	5.66	Malpighian tubule	3L:-:32414844-32414803	exon=> In CDS Exon 2 of transcript AGAP011723-PA
JHU_Ag_98217	TENDNANLVCNIVPDVHIHPTASVHPTATLGPNVSIGPGVVIGPGVR	AGAP011723-PA	C10(Carbamidomethyl)	106	8.76E-11	1	4805.479	-0.05	Malpighian tubule	3L:-:32414712-32415506,32414437-32414504	exon=> In CDS Exon 3 and 2 of transcript AGAP011723-PA
JHU_Ag_36065	LSDLLR	AGAP011724-PA	-	43	0.000898749	2	716.429	-1.09	Pupa	3L:-:32424877-32424860	exon=> In CDS Exon 2 of transcript AGAP011724-PA
JHU_Ag_102804	AENGR	AGAP011724-PA	-	35	0.003033654	1	546.263	-0.82	Visceras	3L:-:32425177-32425163	exon=> In CDS Exon 2 of transcript AGAP011724-PA

JHU_Ag_1024	VALNAER	AGAP011725-PA	-	53	7.74E-05	2	772.431	-0.19	Midgut	3L:-:32455365-32455345	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_18811	TGVIEIQTGPQPSITR	AGAP011725-PA	-	102	4.47E-10	2	1696.931	4.6	Malpighian tubule	3L:-:32454653-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_30509	SIINIVDTGSLSHNLVR	AGAP011725-PA	-	80	4.82E-08	2	1838.023	5.31	Visceras	3L:-:32454804-32455086,32454582-32454660	exon=> In CDS Exon 3 and 2 of transcript AGAP011725-PA
JHU_Ag_31328	TGVIEIQTGPQPSITR	AGAP011725-PA	-	39	0.000831735	2	1696.928	2.8	Salivary gland	3L:-:32454653-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_37494	SIINIVDTGSLSHNLVR	AGAP011725-PA	-	113	2.80E-11	1	1838.018	2.92	Midgut	3L:-:32454804-32455086,32454582-32454660	exon=> In CDS Exon 3 and 2 of transcript AGAP011725-PA
JHU_Ag_41541	GKTGVIEIQTGPQPSITR	AGAP011725-PA	-	38	0.000943339	3	1882.039	-0.03	Visceras	3L:-:32454659-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_44495	VLSEAVFK	AGAP011725-PA	-	39	0.00129964	2	892.513	-0.74	Midgut	3L:-:32455323-32455300	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_45045	GKTGVIEIQTGPQPSITR	AGAP011725-PA	-	74	2.28E-07	1	1882.039	-0.13	Midgut	3L:-:32454659-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_46783	TGVIEIQTGPQPSITR	AGAP011725-PA	-	106	1.66E-10	2	1696.927	2.23	Midgut	3L:-:32454653-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_54124	QLDLKVLSEAVFK	AGAP011725-PA	-	36	0.00048325	2	1489.871	5.53	Malpighian tubule	3L:-:32455338-32455300	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_55313	TGVIEIQTGPQPSITR	AGAP011725-PA	-	77	1.33E-07	2	1696.925	1.29	Ovary	3L:-:32454653-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_56669	DGIMLIR	AGAP011725-PA	-	43	0.000879402	2	817.461	0.72	Midgut	3L:-:32454924-32454904	exon=> In CDS Exon 2 of transcript AGAP011725-PA
JHU_Ag_56779	SIINIVDTGSLSHNLVR	AGAP011725-PA	-	76	1.36E-07	1	1838.010	-1.86	Ovary	3L:-:32454804-32455086,32454582-32454660	exon=> In CDS Exon 3 and 2 of transcript AGAP011725-PA
JHU_Ag_61351	TGVIEIQTGPQPSITR	AGAP011725-PA	-	84	2.91E-08	1	1696.925	1.37	Visceras	3L:-:32454653-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_62737	FFLLSNK	AGAP011725-PA	-	46	0.000155294	1	868.493	0.12	Midgut	3L:-:32455032-32455012	exon=> In CDS Exon 2 of transcript AGAP011725-PA
JHU_Ag_69990	RNYPESVGPWFVDDR	AGAP011725-PA	-	80	1.33E-07	1	1836.875	4.48	Midgut	3L:-:32455290-32455246	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_76547	IPLELKK	AGAP011725-PA	-	47	2.06E-05	1	840.555	0.05	Midgut	3L:-:32454903-32454883	exon=> In CDS Exon 2 of transcript AGAP011725-PA
JHU_Ag_81784	SIINIVDTGSLSHNLVR	AGAP011725-PA	-	76	9.99E-08	1	1838.021	4.45	Malpighian tubule	3L:-:32454804-32455086,32454582-32454660	exon=> In CDS Exon 3 and 2 of transcript AGAP011725-PA
JHU_Ag_84186	VALNAER	AGAP011725-PA	-	48	0.000220658	2	772.433	2.82	Malpighian tubule	3L:-:32455365-32455345	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_88077	SGNLLVIAGQ	AGAP011725-PA	-	45	0.000386747	1	971.556	4.45	Malpighian tubule	3L:-:32454599-32454681,32454478-32454481	exon=> In CDS Exon 4 and 3 of transcript AGAP011725-PA
JHU_Ag_90290	NYPESVGPWFVDDR	AGAP011725-PA	-	87	2.12E-08	2	1680.765	-0.23	Midgut	3L:-:32455287-32455246	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_92756	GKTGVIEIQTGPQPSITR	AGAP011725-PA	-	95	1.79E-09	1	1882.044	2.73	Malpighian tubule	3L:-:32454659-32454606	exon=> In CDS Exon 3 of transcript AGAP011725-PA
JHU_Ag_93094	NYPESVGPWFVDDR	AGAP011725-PA	-	83	5.60E-08	2	1680.768	1.58	Visceras	3L:-:32455287-32455246	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_93157	IPLELKK	AGAP011725-PA	-	39	0.00013122	2	840.558	2.89	Malpighian tubule	3L:-:32454903-32454883	exon=> In CDS Exon 2 of transcript AGAP011725-PA
JHU_Ag_98449	HCQDASILLR	AGAP011725-PA	C2(Carbamidomethyl)	39	0.001564482	1	1212.614	-1.02	Midgut	3L:-:32455431-32455402	exon=> In CDS Exon 1 of transcript AGAP011725-PA

JHU_Ag_102210	AVYLLDGK	AGAP011725-PA	-	47	0.000231926	2	878.498	-0.64	Midgut	3L:-:32455011-32454988	exon=> In CDS Exon 2 of transcript AGAP011725-PA
JHU_Ag_106891	NYPESVGPWFVDDR	AGAP011725-PA	-	52	7.10E-05	2	1680.767	1.15	Ovary	3L:-:32455287-32455246	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_114806	NYPESVGPWFVDDR	AGAP011725-PA	-	47	0.000257686	2	1680.771	3.33	Malpighian tubule	3L:-:32455287-32455246	exon=> In CDS Exon 1 of transcript AGAP011725-PA
JHU_Ag_4844	LQQLFIELTLK	AGAP011726-PA	-	62	1.60E-06	1	1345.812	1.99	Midgut	3L:-:32456613-32456581	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_8841	EGIEWVPVEYFDNK	AGAP011726-PA	-	46	0.000373901	2	1724.818	0.78	Ovary	3L:-:32456556-32456515	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_15811	INTSLHAADLPK	AGAP011726-PA	-	41	0.000733701	2	1279.705	3.59	Malpighian tubule	3L:-:32456745-32456710	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_19561	GEIVTSPLNR	AGAP011726-PA	-	41	0.000863617	2	1085.599	3.28	Malpighian tubule	3L:-:32456850-32456821	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_24297	NSFEQFCINFCNEK	AGAP011726-PA	C7(Carbamidomethyl), C11(Carbamidomethyl)	104	1.92E-10	1	1836.767	-0.63	Midgut	3L:-:32456655-32456614	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_25482	ILKPESVTAIAK	AGAP011726-PA	-	61	1.47E-06	1	1269.776	-1.74	Midgut	3L:-:32457023-32456988	exon=> In CDS Exon 1 of transcript AGAP011726-PA
JHU_Ag_28310	EGIEWVPVEYFDNK	AGAP011726-PA	-	87	3.04E-08	1	1724.817	-0.07	Midgut	3L:-:32456556-32456515	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_30892	EGIEWVPVEYFDNK	AGAP011726-PA	-	48	0.000258876	2	1724.825	5.02	Visceras	3L:-:32456556-32456515	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_38287	LFTWLVSR	AGAP011726-PA	-	53	3.95E-05	2	1021.582	-1.05	Ovary	3L:-:32456769-32456746	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_49431	AMTVIEIPDQEQR	AGAP011726-PA	M2(Oxidation)	37	0.002970475	2	1545.762	2.87	Ovary	3L:-:32457137-32457099	exon=> In CDS Exon 1 of transcript AGAP011726-PA
JHU_Ag_49642	LLGCNEEQLTSAFTHR	AGAP011726-PA	C4(Carbamidomethyl)	131	1.19E-12	1	1875.899	-1.66	Midgut	3L:-:32456913-32456866	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_51163	GEIVTSPLNR	AGAP011726-PA	-	71	8.82E-07	2	1085.592	-2.91	Midgut	3L:-:32456850-32456821	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_51690	ILKPESVTAIAK	AGAP011726-PA	-	28	0.003088544	1	1269.778	-0.17	Ovary	3L:-:32457023-32456988	exon=> In CDS Exon 1 of transcript AGAP011726-PA
JHU_Ag_53924	LFTWLVSR	AGAP011726-PA	-	64	3.39E-06	2	1021.583	-0.16	Midgut	3L:-:32456769-32456746	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_57341	EGIEWVPVEYFDNK	AGAP011726-PA	-	44	0.000532265	2	1724.816	-0.5	Malpighian tubule	3L:-:32456556-32456515	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_70156	GEIVTSPLNR	AGAP011726-PA	-	37	0.002229287	2	1085.598	2.6	Visceras	3L:-:32456850-32456821	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_72699	LFTWLVSR	AGAP011726-PA	-	45	0.00011252	2	1021.586	3.07	Visceras	3L:-:32456769-32456746	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_74743	VICNLIEEK	AGAP011726-PA	C3(Carbamidomethyl)	69	1.76E-06	1	1117.593	0.64	Midgut	3L:-:32456514-32456488	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_75281	GIVALMDEECLRPGDPTDLSFLAK	AGAP011726-PA	M6(Oxidation), C10(Carbamidomethyl)	113	8.44E-11	1	2663.303	-0.97	Midgut	3L:-:32456481-32456410	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_75551	GIVALMDEECLRPGDPTDLSFLAK	AGAP011726-PA	M6(Oxidation), C10(Carbamidomethyl)	34	0.005820723	1	2663.308	0.88	Ovary	3L:-:32456481-32456410	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_78323	LLGCNEEQLTSAFTHR	AGAP011726-PA	C4(Carbamidomethyl)	83	7.20E-08	1	1875.909	3.61	Malpighian tubule	3L:-:32456913-32456866	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_83450	LLGCNEEQLTSAFTHR	AGAP011726-PA	C4(Carbamidomethyl)	46	0.000440585	1	1875.895	-3.65	Visceras	3L:-:32456913-32456866	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_90503	DLAIYAR	AGAP011726-PA	-	42	0.00089441	1	821.451	-0.61	Midgut	3L:-:32456820-32456800	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_91785	ILKPESVTAIAK	AGAP011726-PA	-	38	0.000332686	1	1269.782	3.1	Malpighian tubule	3L:-:32457023-32456988	exon=> In CDS Exon 1 of transcript AGAP011726-PA
JHU_Ag_96300	LQQLFIELTLKQEQEEYLR	AGAP011726-PA	-	39	0.000782559	1	2421.297	-2.28	Midgut	3L:-:32456613-32456557	exon=> In CDS Exon 2 of transcript AGAP011726-PA

JHU_Ag_102535	QILDIVAAVLHMGNVGFTEEEGKAK	AGAP011726-PA	M12(Oxidation)	49	0.000124861	1	2685.379	-4.65	Midgut	3L:-:32457098-32457024	exon=> In CDS Exon 1 of transcript AGAP011726-PA
JHU_Ag_103262	QILDIVAAVLHMGNVGFTEEEGK	AGAP011726-PA	M12(Oxidation),Q1(Deamidated)	127	2.40E-12	1	2470.264	-0.41	Midgut	3L:-:32457098-32457030	exon=> In CDS Exon 1 of transcript AGAP011726-PA
JHU_Ag_108046	INTSLHAADLPK	AGAP011726-PA	-	100	1.19E-09	1	1279.700	-0.32	Midgut	3L:-:32456745-32456710	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_111035	GIVALMDEECLRPGDPTDLSFLAK	AGAP011726-PA	M6(Oxidation), C10(Carbamidomethyl)	44	0.000550 11	1	2663.329	8.58	Malpighian tubule	3L:-:32456481-32456410	exon=> In CDS Exon 2 of transcript AGAP011726-PA
JHU_Ag_111211	AMTVIEIPDQEQR	AGAP011726-PA	M2(Oxidation)	72	1.08E-06	2	1545.757	-0.52	Midgut	3L:-:32457137-32457099	exon=> In CDS Exon 1 of transcript AGAP011726-PA
JHU_Ag_4624	ELSNITSQQSEVIDTIENSIGR	AGAP011727-PA	-	118	2.47E-11	2	2433.216	2.43	Head	3L:+:32497486-32497525,32497610-32497635	exon=> In CDS Exon 4 and 5 of transcript AGAP011727-PA
JHU_Ag_20078	TVDNVESGAEELVK	AGAP011727-PA	-	79	1.89E-07	1	1489.745	4.65	Malpighian tubule	3L:+:32497636-32497677	exon=> In CDS Exon 5 of transcript AGAP011727-PA
JHU_Ag_72461	DKINDIQTGTNQR	AGAP011727-PA	-	94	7.59E-09	1	1502.754	-1.49	Head	3L:+:32496908-32496915,32496985-32497015	exon=> In CDS Exon 1 and 2 of transcript AGAP011727-PA
JHU_Ag_79787	IGTTTKDLQR	AGAP011727-PA	-	53	6.21E-05	1	1132.631	-1.17	Malpighian tubule	3L:+:32497016-32497045	exon=> In CDS Exon 2 of transcript AGAP011727-PA
JHU_Ag_85721	TVDNVESGAEELVK	AGAP011727-PA	-	92	8.69E-09	1	1489.738	-0.02	Head	3L:+:32497636-32497677	exon=> In CDS Exon 5 of transcript AGAP011727-PA
JHU_Ag_3844	GSIDLIFIGPLTNLALAMK	AGAP011729-PA	M18(Oxidation)	75	1.05E-07	2	2003.125	0.19	Ovary	3L:+:32615373-32615429	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_11197	GAHEPLVHPR	AGAP011729-PA	-	44	0.000384863	1	1112.596	-0.29	Midgut	3L:+:32615208-32615237	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_13666	MEELGADETKPMLR	AGAP011729-PA	M1(Oxidation), M12(Oxidation)	68	1.96E-06	1	1651.764	-1.4	Ovary	3L:+:32615637-32615678	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_15831	GAHEPLVHPR	AGAP011729-PA	-	52	6.48E-05	1	1112.597	0.94	Malpighian tubule	3L:+:32615208-32615237	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_20165	LRPGLLK	AGAP011729-PA	-	22	0.003438 45	2	796.544	4.46	Malpighian tubule	3L:+:32615430-32615450	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_22476	GQMVLDHR	AGAP011729-PA	M3(Oxidation)	41	0.000596361	2	971.470	-2.4	Ovary	3L:+:32615832-32615855	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_23788	TPLQEEHAVTAIQR	AGAP011729-PA	-	88	1.67E-08	1	1592.843	2.6	Midgut	3L:+:32615313-32615354	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_25202	TPLQEEHAVTAIQR	AGAP011729-PA	-	104	4.19E-10	1	1592.842	1.84	Malpighian tubule	3L:+:32615313-32615354	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_38146	GAHEPLVHPR	AGAP011729-PA	-	44	0.000449062	1	1112.596	0.1	Ovary	3L:+:32615208-32615237	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_40655	AHSYTVDVELHGALTR	AGAP011729-PA	-	77	3.20E-07	1	1768.897	-0.44	Malpighian tubule	3L:+:32615784-32615831	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_58629	IIDDIDEGKFK	AGAP011729-PA	-	56	2.97E-05	1	1292.674	0.14	Malpighian tubule	3L:+:32615880-32615912	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_89986	GQMVLDHR	AGAP011729-PA	-	45	0.000272153	2	955.480	1.95	Malpighian tubule	3L:+:32615832-32615855	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_92027	ILNAVER	AGAP011729-PA	-	43	0.000633197	2	814.479	1.01	Ovary	3L:+:32615679-32615699	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_96065	TPLQEEHAVTAIQR	AGAP011729-PA	-	111	8.96E-11	1	1592.839	-0.23	Ovary	3L:+:32615313-32615354	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_110741	TPLQEEHAVTAIQR	AGAP011729-PA	-	111	8.46E-11	1	1592.841	0.84	Pupa	3L:+:32615313-32615354	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_116336	MEELGADETKPMLR	AGAP011729-PA	M1(Oxidation), M12(Oxidation)	73	7.34E-07	1	1651.769	1.15	Malpighian tubule	3L:+:32615637-32615678	exon=> In CDS Exon 2 of transcript AGAP011729-PA
JHU_Ag_12703	GEGLDQAMDWLSNALQAR	AGAP011730-PA	M8(Oxidation)	90	1.69E-08	2	1990.929	0.27	Midgut	3L:+:32618586-32618639	exon=> In CDS Exon 3 of transcript AGAP011730-PA

JHU_Ag_13370	LQVGEVVTTIPTIGFNVEQVTYK	AGAP011730-PA	-	48	6.04E-05	3	2535.379	3.32	Head	3L:+:32618030-32618098	exon=> In CDS Exon 1 of transcript AGAP011730-PA
JHU_Ag_17940	TFQIFK	AGAP011730-PA	-	32	0.003023919	1	783.440	-0.21	Midgut	3L:+:32618553-32618570	exon=> In CDS Exon 3 of transcript AGAP011730-PA
JHU_Ag_18344	FQVWDLGGQTSIRPYWR	AGAP011730-PA	-	46	0.000263284	1	2109.090	10.89	Malpighian tubule	3L:+:32618108-32618145,32618235-32618247	exon=> In CDS Exon 1 and 2 of transcript AGAP011730-PA
JHU_Ag_37590	FQVWDLGGQTSIRPYWR	AGAP011730-PA	-	46	0.000331387	1	2109.063	-1.88	Ovary	3L:+:32618108-32618145,32618235-32618247	exon=> In CDS Exon 1 and 2 of transcript AGAP011730-PA
JHU_Ag_48824	ILILGLDGAGK	AGAP011730-PA	-	61	1.64E-06	2	1069.664	1.97	Salivary gland	3L:+:32617979-32618011	exon=> In CDS Exon 1 of transcript AGAP011730-PA
JHU_Ag_49178	TFQIFK	AGAP011730-PA	-	37	0.001048504	2	783.440	0.24	Salivary gland	3L:+:32618553-32618570	exon=> In CDS Exon 3 of transcript AGAP011730-PA
JHU_Ag_49290	ILILGLDGAGK	AGAP011730-PA	-	70	3.41E-07	2	1069.662	0.03	Male reproductive organs	3L:+:32617979-32618011	exon=> In CDS Exon 1 of transcript AGAP011730-PA
JHU_Ag_65494	LQVGEVVTTIPTIGFNVEQVTYK	AGAP011730-PA	-	51	3.78E-05	1	2535.371	0.36	Ovary	3L:+:32618030-32618098	exon=> In CDS Exon 1 of transcript AGAP011730-PA
JHU_Ag_74021	ILILGLDGAGK	AGAP011730-PA	-	39	0.000390404	1	1069.661	-0.59	Midgut	3L:+:32617979-32618011	exon=> In CDS Exon 1 of transcript AGAP011730-PA
JHU_Ag_74862	FQVWDLGGQTSIRPYWR	AGAP011730-PA	-	69	1.75E-06	1	2109.066	-0.4	Midgut	3L:+:32618108-32618145,32618235-32618247	exon=> In CDS Exon 1 and 2 of transcript AGAP011730-PA
JHU_Ag_78823	ILILGLDGAGK	AGAP011730-PA	-	48	4.87E-05	2	1069.663	1.17	Malpighian tubule	3L:+:32617979-32618011	exon=> In CDS Exon 1 of transcript AGAP011730-PA
JHU_Ag_102138	FQVWDLGGQTSIRPYWR	AGAP011730-PA	-	34	0.004978572	1	2109.072	2.38	Head	3L:+:32618108-32618145,32618235-32618247	exon=> In CDS Exon 1 and 2 of transcript AGAP011730-PA
JHU_Ag_107633	LQVGEVVTTIPTIGFNVEQVTYK	AGAP011730-PA	-	76	9.78E-08	3	2535.377	2.45	Midgut	3L:+:32618030-32618098	exon=> In CDS Exon 1 of transcript AGAP011730-PA
JHU_Ag_12270	DGLITHETAVAPVEHDYSGFDIVK	AGAP011732-PA	-	147	2.93E-14	1	2613.295	4.49	Head	3L:+:32625454-32625525	exon=> In CDS Exon 1 of transcript AGAP011732-PA
JHU_Ag_14164	PADILGFAYAATVAAGGIVGYAK	AGAP011733-PA	-	133	4.11E-13	1	2196.173	1.43	Ovary	3L:+:32631148-32631216	exon=> In CDS Exon 1 of transcript AGAP011733-PA
JHU_Ag_86926	YLPMIGAKQE	AGAP011733-PA	M4(Oxidation)	47	0.000328041	2	1165.594	1.45	Malpighian tubule	3L:+:32631562-32631591	exon=> In CDS Exon 2 of transcript AGAP011733-PA
JHU_Ag_113234	PADILGFAYAATVAAGGIVGYAK	AGAP011733-PA	-	103	3.61E-10	2	2196.183	5.75	Midgut	3L:+:32631148-32631216	exon=> In CDS Exon 1 of transcript AGAP011733-PA
JHU_Ag_18399	LLVAEALIEHLRPIR	AGAP011744-PA	-	27	0.001308921	1	1743.071	3.79	Visceras	3L:-:32831028-32830984	exon=> In CDS Exon 2 of transcript AGAP011744-PA
JHU_Ag_64350	DVGYLADVIEEGSER	AGAP011744-PA	-	52	0.000101263	2	1651.790	5.54	Salivary gland	3L:-:32830959-32830915	exon=> In CDS Exon 2 of transcript AGAP011744-PA
JHU_Ag_85888	LLVAEALIEHLRPIR	AGAP011744-PA	-	19	0.006309138	1	1743.072	4.42	Ovary	3L:-:32831028-32830984	exon=> In CDS Exon 2 of transcript AGAP011744-PA
JHU_Ag_87805	DVGYLADVIEEGSER	AGAP011744-PA	-	62	9.39E-06	2	1651.785	2.37	Visceras	3L:-:32830959-32830915	exon=> In CDS Exon 2 of transcript AGAP011744-PA
JHU_Ag_111147	LLVAEALIEHLRPIR	AGAP011744-PA	-	97	1.07E-10	1	1743.063	-0.72	Ovary	3L:-:32831028-32830984	exon=> In CDS Exon 2 of transcript AGAP011744-PA
JHU_Ag_6585	NENWHCFGCAPR	AGAP011746-PA	C6(Carbamidomethyl), C9(Carbamidomethyl)	36	0.000614061	2	1547.629	1.75	Ovary	3L:+:32865602-32865637	exon=> In CDS Exon 1 of transcript AGAP011746-PA
JHU_Ag_53793	NCHAFYNSGDFDKGEDGSELYCR	AGAP011746-PA	C2(Carbamidomethyl), C22(Carbamidomethyl)	45	5.04E-05	1	2741.108	3.14	Ovary	3L:+:32865422-32865490	exon=> In CDS Exon 1 of transcript AGAP011746-PA
JHU_Ag_70931	IHCTTCNAHIGTAPVSEAVIR	AGAP011746-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	36	0.003454243	1	2307.133	-0.19	Head	3L:+:32865326-32865388	exon=> In CDS Exon 1 of transcript AGAP011746-PA

JHU_Ag_51751	VNVPK	AGAP011746-PA,AGAP003538-PA	-	32	0.001333614	1	556.346	1.29	Male reproductive organs	3L:+:32866510-32866524;2R:+:39334258-39334272	exon=> In CDS Exon 3 of transcript AGAP011746-PA;exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_62620	VNVPK	AGAP011746-PA,AGAP003538-PA	-	31	0.001599669	1	556.347	3.05	Malpighian tubule	3L:+:32866510-32866524;2R:+:39334258-39334272	exon=> In CDS Exon 3 of transcript AGAP011746-PA;exon=> In CDS Exon 2 of transcript AGAP003538-PA
JHU_Ag_8986	MDLSPPEEWWQLR	AGAP011747-PA	-	71	1.06E-06	1	1686.797	1.34	Visceras	3L:-:32873284-32873246	exon=> In CDS Exon 3 of transcript AGAP011747-PA
JHU_Ag_42850	ATFDAHNEK	AGAP011747-PA	-	66	1.35E-06	1	1032.469	-5.56	Head	3L:-:32873902-32873876	exon=> In CDS Exon 1 of transcript AGAP011747-PA
JHU_Ag_87960	DEGDECSYPLDGFR	AGAP011747-PA	C6(Carbamidomethyl)	106	3.74E-11	1	1659.664	3.02	Head	3L:-:32873875-32874049,32873639-32873762	exon=> In CDS Exon 2 and 1 of transcript AGAP011747-PA
JHU_Ag_106855	ATFDAHNEKDEGDECSYPLDGFR	AGAP011747-PA	C15(Carbamidomethyl)	104	1.66E-10	1	2673.116	0.12	Visceras	3L:-:32873902-32874049,32873639-32873762	exon=> In CDS Exon 2 and 1 of transcript AGAP011747-PA
JHU_Ag_8309	VEVDNTPIPVPHICEHK	AGAP011749-PA	C14(Carbamidomethyl)	58	2.08E-05	1	1983.991	-2.24	Head	3L:-:32887527-32887477	exon=> In CDS Exon 3 of transcript AGAP011749-PA
JHU_Ag_49689	YPLDGFSCDIPEK	AGAP011749-PA	C8(Carbamidomethyl)	37	0.002479829	2	1540.707	5.16	Ovary	3L:-:32887353-32887315	exon=> In CDS Exon 3 of transcript AGAP011749-PA
JHU_Ag_25235	SFLSAVPLGR	AGAP011750-PA	-	49	0.000106996	1	1046.601	2.03	Malpighian tubule	3L:+:32918443-32918472	exon=> In CDS Exon 3 of transcript AGAP011750-PA
JHU_Ag_64875	AQQAWNIFLR	AGAP011750-PA	-	46	0.000384168	2	1246.671	1.23	Head	3L:+:32918809-32918838	exon=> In CDS Exon 3 of transcript AGAP011750-PA
JHU_Ag_2374	FCLIPIPPLPDK	AGAP011751-PA	C2(Carbamidomethyl)	39	0.000811577	1	1409.783	-2.18	Midgut	3L:-:32921496-32921461	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_16515	DSYSVTVDSPK	AGAP011751-PA	-	52	7.31E-05	2	1197.563	-0.21	Head	3L:-:32921655-32921623	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_20369	GLLAAWPDTLGEYR	AGAP011751-PA	-	43	0.00072071	1	1561.808	4.35	Salivary gland	3L:-:32920902-32920861	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_27150	GLFPAAYVETIPEAPSLPSGPPK	AGAP011751-PA	-	66	1.88E-06	1	2338.241	3.41	Malpighian tubule	3L:-:32922237-32922169	exon=> In CDS Exon 1 of transcript AGAP011751-PA
JHU_Ag_30860	DSYSVTVDSPK	AGAP011751-PA	-	73	5.30E-07	2	1197.567	2.64	Malpighian tubule	3L:-:32921655-32921623	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_42600	IGEGFSEMAR	AGAP011751-PA	-	73	5.76E-07	2	1096.514	4.42	Malpighian tubule	3L:-:32921088-32921059	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_46206	SFIAYQLTPSFNNIPVAR	AGAP011751-PA	-	49	1.00E-04	2	2038.086	4.92	Head	3L:-:32921595-32921542	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_46477	SFIAYQLTPSFNNIPVAR	AGAP011751-PA	-	52	6.15E-05	1	2038.077	0.67	Midgut	3L:-:32921595-32921542	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_56209	SFIAYQLTPSFNNIPVAR	AGAP011751-PA	-	39	0.001207859	1	2038.081	2.76	Ovary	3L:-:32921595-32921542	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_67439	HDFIPFSDRLHIYR	AGAP011751-PA	-	47	0.000299119	1	1815.936	4.1	Malpighian tubule	3L:-:32920944-32920903	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_99252	GLFPAAYVETIPEAPSLPSGPPK	AGAP011751-PA	-	64	2.88E-06	2	2338.244	4.77	Head	3L:-:32922237-32922169	exon=> In CDS Exon 1 of transcript AGAP011751-PA
JHU_Ag_113671	HDFIPFSDR	AGAP011751-PA	-	34	0.004563793	2	1133.541	3.38	Malpighian tubule	3L:-:32920944-32920918	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_116756	HDFIPFSDR	AGAP011751-PA	-	40	0.001114284	1	1133.531	-5.35	Head	3L:-:32920944-32920918	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_117365	GLLAAWPDTLGEYR	AGAP011751-PA	-	53	7.47E-05	2	1561.813	7.79	Malpighian tubule	3L:-:32920902-32920861	exon=> In CDS Exon 2 of transcript AGAP011751-PA
JHU_Ag_15352	VPVKILSLR	AGAP011756-PA	-	24	0.002204767	1	1024.678	-10	Visceras	3L:+:32951854-32951880	exon=> In CDS Exon 2 of transcript AGAP011756-PA
JHU_Ag_56083	VPVKILSLR	AGAP011756-PA	-	20	0.005062473	1	1024.677	-10.83	Midgut	3L:+:32951854-32951880	exon=> In CDS Exon 2 of transcript AGAP011756-PA

JHU_Ag_81441	VPVKILSLR	AGAP011756-PA	-	21	0.004338731	1	1024.676	-11.55	Head	3L:+:32951854-32951880	exon=> In CDS Exon 2 of transcript AGAP011756-PA
JHU_Ag_93648	VPVKILSLR	AGAP011756-PA	-	29	0.000458205	1	1024.682	-6.07	Salivary gland	3L:+:32951854-32951880	exon=> In CDS Exon 2 of transcript AGAP011756-PA
JHU_Ag_28317	MLLGHVDLIEK	AGAP011761-PA	M1(Oxidation)	43	0.000429835	1	1283.705	1.52	Ovary	3L:-:32976472-32976440	exon=> In CDS Exon 2 of transcript AGAP011761-PA
JHU_Ag_1879	LDSIDAEDQPQIK	AGAP011762-PA	-	73	6.23E-07	2	1471.730	1.85	Head	3L:-:32979661-32979623	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_8432	DVLAIFDQVEQFK	AGAP011762-PA	-	96	3.72E-09	1	1551.809	2.16	Malpighian tubule	3L:-:32979772-32979734	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_21201	DVLAIFDQVEQFK	AGAP011762-PA	-	48	0.000208316	2	1551.810	2.71	Midgut	3L:-:32979772-32979734	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_27379	QQQPPAAQQQHADGQQHPAAAAGQDQPDSRPK	AGAP011762-PA	-	51	9.76E-05	1	3386.603	1.66	Head	3L:-:32979916-32979821	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_32423	DVLAIFDQVEQFK	AGAP011762-PA	-	103	6.42E-10	1	1551.812	4.21	Head	3L:-:32979772-32979734	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_36946	HGTIFDSVR	AGAP011762-PA	-	50	0.000170525	2	1031.528	0.82	Ovary	3L:-:32980192-32980166	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_43107	HGTIFDSVR	AGAP011762-PA	-	39	0.002684436	1	1031.527	0.11	Head	3L:-:32980192-32980166	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_51505	HGTIFDSVR	AGAP011762-PA	-	51	0.000143149	2	1031.528	0.58	Malpighian tubule	3L:-:32980192-32980166	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_56134	LDSIDAEDQPQIK	AGAP011762-PA	-	65	4.00E-06	2	1471.731	2.43	Malpighian tubule	3L:-:32979661-32979623	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_58791	AEAGASGSANASSGSIGK	AGAP011762-PA	-	109	1.82E-10	2	1521.715	0.88	Head	3L:-:32979562-32979509	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_68268	SINTCIAVLEAK	AGAP011762-PA	C5(Carbamidomethyl)	72	8.04E-07	2	1318.705	1.18	Ovary	3L:-:32979598-32979563	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_85292	SNFPGFHQGFK	AGAP011762-PA	-	57	2.71E-05	1	1265.606	-0.08	Head	3L:-:32980150-32980118	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_96980	DVLAIFDQVEQFK	AGAP011762-PA	-	59	1.76E-05	2	1551.810	2.95	Ovary	3L:-:32979772-32979734	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_103326	SSQQEQPQQQQPTVR	AGAP011762-PA	N-Term(Acetyl)	76	3.39E-07	2	1810.870	1.06	Male reproductive organs	3L:-:32980414-32980370	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_112159	LDSIDAEDQPQIK	AGAP011762-PA	-	41	0.000901923	2	1471.733	4.01	Salivary gland	3L:-:32979661-32979623	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_114540	AEAGASGSANASSGSIGK	AGAP011762-PA	-	58	2.38E-05	2	1521.714	0.24	Male reproductive organs	3L:-:32979562-32979509	exon=> In CDS Exon 1 of transcript AGAP011762-PA
JHU_Ag_92925	IYNLFIVGSR	AGAP011765-PA	-	54	2.07E-05	2	1181.668	0.42	Pupa	3L:+:33005527-33005536,33007028-33007047	exon=> In CDS Exon 1 and 2 of transcript AGAP011765-PA
JHU_Ag_111030	LLHAAQLK	AGAP011766-PA	-	31	0.001932707	1	893.555	-1.85	Head	3L:-:33027179-33027156	exon=> In CDS Exon 1 of transcript AGAP011766-PA
JHU_Ag_111168	LLHAAQLK	AGAP011766-PA	Q6(Deamidated)	31	0.002470695	1	894.554	14.8	Male reproductive organs	3L:-:33027179-33027156	exon=> In CDS Exon 1 of transcript AGAP011766-PA
JHU_Ag_13760	YIAENFR	AGAP011767-PA	-	36	0.002489524	1	912.458	0.83	Ovary	3L:+:33030141-33030161	exon=> In CDS Exon 3 of transcript AGAP011767-PA
JHU_Ag_15717	ALNADLYEELSYIGR	AGAP011767-PA	-	60	1.64E-05	2	1726.862	-1.43	Pupa	3L:+:33029329-33029373	exon=> In CDS Exon 2 of transcript AGAP011767-PA
JHU_Ag_18295	NYNLFDDELHYVDR	AGAP011767-PA	-	51	7.31E-05	1	1812.825	3.69	Head	3L:+:33029536-33029543,33029690-33029723	exon=> In CDS Exon 2 and 3 of transcript AGAP011767-PA
JHU_Ag_21322	HGGFTPEVLER	AGAP011767-PA	-	48	0.000168058	1	1241.629	1.27	Midgut	3L:+:33029784-33029816	exon=> In CDS Exon 3 of transcript AGAP011767-PA
JHU_Ag_22560	LNAANYTVWQYRR	AGAP011767-PA	-	38	0.002287027	1	1654.847	1.47	Malpighian tubule	3L:+:33029278-33029316	exon=> In CDS Exon 2 of transcript AGAP011767-PA

JHU_Ag_25126	HGGFTPEVLER	AGAP011767-PA	-	51	9.80E-05	1	1241.625	-1.77	Head	3L:+:33029784-33029816	exon=> In CDS Exon 3 of transcript AGAP011767-PA
JHU_Ag_40035	LNAANYTVWQYR	AGAP011767-PA	-	58	1.91E-05	2	1498.751	5	Salivary gland	3L:+:33029278-33029313	exon=> In CDS Exon 2 of transcript AGAP011767-PA
JHU_Ag_64389	NNESPWNFLR	AGAP011767-PA	-	67	2.94E-06	1	1276.608	0.88	Midgut	3L:+:33029856-33029885	exon=> In CDS Exon 3 of transcript AGAP011767-PA
JHU_Ag_64450	ALNADLYEELSYIGR	AGAP011767-PA	-	93	8.61E-09	1	1726.862	-1.78	Ovary	3L:+:33029329-33029373	exon=> In CDS Exon 2 of transcript AGAP011767-PA
JHU_Ag_75740	NYNLFDDELHYVDR	AGAP011767-PA	-	85	3.17E-08	1	1812.828	5.24	Ovary	3L:+:33029536-33029543,33029690-33029723	exon=> In CDS Exon 2 and 3 of transcript AGAP011767-PA
JHU_Ag_108019	FNDVFGYLR	AGAP011767-PA	-	40	0.0016621	2	1130.564	0.5	Pupa	3L:+:33029122-33029122,33029189-33029214	exon=> In CDS Exon 1 and 2 of transcript AGAP011767-PA
JHU_Ag_4468	FNSLNELVDYHR	AGAP011768-PA	-	97	4.31E-09	2	1506.737	2.16	Head	3L:-:33036283-33036248	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_13437	GLFPAIYVAPYHS	AGAP011768-PA	-	65	4.53E-06	1	1434.748	4.15	Malpighian tubule	3L:-:33034205-33034167	exon=> In CDS Exon 4 of transcript AGAP011768-PA
JHU_Ag_17117	FNSLNELVDYHR	AGAP011768-PA	-	81	1.53E-07	1	1506.733	-0.51	Midgut	3L:-:33036283-33036248	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_18836	GLFPAIYVAPYHS	AGAP011768-PA	-	63	9.04E-06	1	1434.745	2.11	Head	3L:-:33034205-33034167	exon=> In CDS Exon 4 of transcript AGAP011768-PA
JHU_Ag_18927	RGDVITVTDR	AGAP011768-PA	-	58	2.02E-05	1	1131.608	-3.43	Head	3L:-:33034277-33034248	exon=> In CDS Exon 4 of transcript AGAP011768-PA
JHU_Ag_22484	GLFPAIYVAPYHS	AGAP011768-PA	-	49	0.000223299	2	1434.742	0.07	Midgut	3L:-:33034205-33034167	exon=> In CDS Exon 4 of transcript AGAP011768-PA
JHU_Ag_27043	FNSLNELVDYHR	AGAP011768-PA	-	80	1.86E-07	1	1506.735	0.95	Ovary	3L:-:33036283-33036248	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_27341	FFLWVVK	AGAP011768-PA	-	34	0.001822609	2	938.549	-0.55	Head	3L:-:33036304-33036284	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_30572	FNSLNELVDYHR	AGAP011768-PA	-	95	6.73E-09	1	1506.737	2.56	Malpighian tubule	3L:-:33036283-33036248	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_36116	ISESSPGDFSLSVK	AGAP011768-PA	-	73	6.96E-07	2	1452.724	1.34	Head	3L:-:33036397-33036356	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_42822	ISESSPGDFSLSVK	AGAP011768-PA	-	44	0.00059342	2	1452.724	1.34	Salivary gland	3L:-:33036397-33036356	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_43227	ILNMEDDMNWYR	AGAP011768-PA	M4(Oxidation), M8(Oxidation)	66	8.34E-07	2	1631.684	0.36	Male reproductive organs	3L:-:33036659-33036624	exon=> In CDS Exon 2 of transcript AGAP011768-PA
JHU_Ag_45016	ISESSPGDFSLSVK	AGAP011768-PA	-	82	9.72E-08	2	1452.722	0.33	Ovary	3L:-:33036397-33036356	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_47135	ISESSPGDFSLSVK	AGAP011768-PA	-	61	1.12E-05	2	1452.725	2.52	Visceras	3L:-:33036397-33036356	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_48891	ISESSPGDFSLSVK	AGAP011768-PA	-	51	0.000124382	2	1452.727	3.86	Malpighian tubule	3L:-:33036397-33036356	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_63138	FFLWVVK	AGAP011768-PA	-	35	0.001673762	2	938.550	0.23	Visceras	3L:-:33036304-33036284	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_78975	GLFPAIYVAPYHS	AGAP011768-PA	-	57	3.62E-05	2	1434.740	-0.95	Salivary gland	3L:-:33034205-33034167	exon=> In CDS Exon 4 of transcript AGAP011768-PA
JHU_Ag_82016	FFLWVVK	AGAP011768-PA	-	34	0.001833333	2	938.551	0.68	Ovary	3L:-:33036304-33036284	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_87334	ISESSPGDFSLSVK	AGAP011768-PA	-	46	0.000391623	2	1452.721	-0.34	Midgut	3L:-:33036397-33036356	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_92224	FNSLNELVDYHR	AGAP011768-PA	-	59	2.15E-05	1	1506.733	-0.14	Male reproductive organs	3L:-:33036283-33036248	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_96470	ILNMEDDMNWYR	AGAP011768-PA	M4(Oxidation), M8(Oxidation)	71	2.41E-07	1	1631.682	-0.31	Midgut	3L:-:33036659-33036624	exon=> In CDS Exon 2 of transcript AGAP011768-PA

JHU_Ag_99352	LLSNKHEGAFLIR	AGAP011768-PA	-	62	3.52E-06	1	1497.853	-0.18	Male reproductive organs	3L:-:33036436-33036398	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_100967	GLFPAIYVAPYHS	AGAP011768-PA	-	43	0.000912003	2	1434.741	-0.27	Male reproductive organs	3L:-:33034205-33034167	exon=> In CDS Exon 4 of transcript AGAP011768-PA
JHU_Ag_101733	HEGAFLIR	AGAP011768-PA	-	34	0.003177532	2	942.511	-5.32	Head	3L:-:33036421-33036398	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_103077	HDFNATADDELSFR	AGAP011768-PA	-	73	4.03E-07	1	1637.720	0.55	Head	3L:-:33059426-33059385	exon=> In CDS Exon 1 of transcript AGAP011768-PA
JHU_Ag_106831	ISESSPGDFSLSVK	AGAP011768-PA	-	62	9.57E-06	1	1452.722	0.33	Male reproductive organs	3L:-:33036397-33036356	exon=> In CDS Exon 3 of transcript AGAP011768-PA
JHU_Ag_111317	GLFPAIYVAPYHS	AGAP011768-PA	-	55	5.86E-05	2	1434.743	1.26	Ovary	3L:-:33034205-33034167	exon=> In CDS Exon 4 of transcript AGAP011768-PA
JHU_Ag_91415	FPIVELLR	AGAP011771-PA	-	30	0.004870855	1	986.605	1.85	Head	3L:+:33115370-33115393	exon=> In CDS Exon 2 of transcript AGAP011771-PA
JHU_Ag_104011	AAAADEDDGRLSVLVR	AGAP011771-PA	-	84	5.22E-08	1	1657.856	3.61	Malpighian tubule	3L:+:33115499-33115546	exon=> In CDS Exon 2 of transcript AGAP011771-PA
JHU_Ag_108340	FPIVELLR	AGAP011771-PA	-	39	0.000634754	1	986.605	1.3	Malpighian tubule	3L:+:33115370-33115393	exon=> In CDS Exon 2 of transcript AGAP011771-PA
JHU_Ag_115503	FPIVELLR	AGAP011771-PA	-	47	0.000156436	2	986.602	-1.8	Midgut	3L:+:33115370-33115393	exon=> In CDS Exon 2 of transcript AGAP011771-PA
JHU_Ag_26768	LGLANRTR	AGAP011776-PA	N5(Deamidated)	35	0.005353505	1	901.513	-9.37	Malpighian tubule	3L:+:33165787-33165810	exon=> In CDS Exon 6 of transcript AGAP011776-PA
JHU_Ag_91123	IGLGKPGIRR	AGAP011776-PA	-	29	0.001489167	1	1066.677	-6.68	Malpighian tubule	3L:+:33162256-33162285	exon=> In CDS Exon 1 of transcript AGAP011776-PA
JHU_Ag_626	TDGVHIINLGR	AGAP011777-PA	-	56	2.20E-05	2	1194.658	-1.14	Pupa	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_937	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	140	1.42E-13	1	1774.908	0.57	Salivary gland	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_2314	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl)	63	8.71E-06	1	1277.656	0.41	Male reproductive organs	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_3089	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl), N9(Deamidated),C8(Carbamidomethyl)	70	1.59E-06	1	1277.656	-0.26	Ovary	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_5717	EQAAIEAAAPVIK	AGAP011777-PA	-	85	1.89E-08	1	1310.731	-0.49	Head	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_10202	LLIVTDPLTDHQPVTEASYVNIPVIAFCNTDSPVK	AGAP011777-PA	C28(Carbamidomethyl)	45	0.000207928	1	3866.987	-0.3	Midgut	3L:+:33171707-33171811	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_11970	STHSIGLMWWMLAR	AGAP011777-PA	M11(Oxidation),"M8(Oxidation), M11(Oxidation)"	72	1.10E-06	2	1688.848	4.68	Malpighian tubule	3L:+:33171845-33171886	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_12191	MLAATTHIGSTSVNFQMEQYVYK	AGAP011777-PA	M17(Oxidation),M1(Oxidation)	113	7.71E-11	1	2635.249	-1.68	Midgut	3L:+:33171301-33171369	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_13216	SGNLDVLSLK	AGAP011777-PA	N-Term(Acetyl)	81	1.39E-07	1	1087.601	1.9	Pupa	3L:+:33171253-33171282	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_14302	FTPGAFTNQIQTTFR	AGAP011777-PA	-	119	1.80E-11	1	1728.873	1.31	Salivary gland	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_18634	FTPGAFTNQIQTTFR	AGAP011777-PA	-	105	4.85E-10	2	1728.878	4.49	Larva	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_19471	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl)	54	5.78E-05	2	1277.658	1.27	Malpighian tubule	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_20845	FTPGAFTNQIQTTFREPR	AGAP011777-PA	-	52	9.94E-05	1	2111.073	3	Malpighian tubule	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_21559	MLAATTHIGSTSVNFQMEQYVYK	AGAP011777-PA	M1(Oxidation), M17(Oxidation)	96	3.41E-09	1	2651.253	1.95	Head	3L:+:33171301-33171369	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_21744	EQAAIEAAAPVIK	AGAP011777-PA	-	89	7.80E-09	1	1310.736	3.05	Male reproductive organs	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA

JHU_Ag_21980	LLLAAR	AGAP011777-PA	-	32	0.000416005	1	656.445	-0.15	Male reproductive organs	3L:+:33171421-33171438	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_22144	EQAAIEAAAPVIK	AGAP011777-PA	-	78	9.60E-08	1	1310.736	3.61	Larva	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_23933	FTPGAFTNQIQTTFR	AGAP011777-PA	-	125	3.99E-12	1	1728.872	0.61	Midgut	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_24788	YAHYTQATPIAGR	AGAP011777-PA	-	89	2.08E-08	1	1448.730	1.23	Salivary gland	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_25487	DPEEAEKEQAAIEAAAPVIK	AGAP011777-PA	-	121	1.06E-11	1	2109.074	1.14	Midgut	3L:+:33171959-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_25972	RTDGVHIINLGR	AGAP011777-PA	-	41	0.000350543	1	1350.761	0.95	Head	3L:+:33171373-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_26465	TDGVHIINLGR	AGAP011777-PA	-	78	1.05E-07	1	1194.660	0.7	Male reproductive organs	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_27020	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	111	1.20E-10	1	1774.910	1.61	Head	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_31149	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl)	70	1.48E-06	1	1277.657	1.08	Salivary gland	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_32913	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	140	1.41E-13	1	1774.909	1.19	Ovary	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_33588	TYEKLLLAAR	AGAP011777-PA	-	71	2.32E-07	1	1177.695	1.17	Malpighian tubule	3L:+:33171409-33171438	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_33815	EQAAIEAAAPVIK	AGAP011777-PA	-	79	7.81E-08	2	1310.733	1.28	Salivary gland	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_34271	STHSIGLMWWMLAR	AGAP011777-PA	M8(Oxidation), M11(Oxidation)	37	0.003803398	1	1720.838	4.71	Larva	3L:+:33171845-33171886	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_35285	YAHYTQATPIAGR	AGAP011777-PA	-	96	4.41E-09	1	1448.727	-0.96	Midgut	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_37124	CIASIEYPGEVFAISSRPYGQR	AGAP011777-PA	C1(Carbamidomethyl)	64	5.79E-06	1	2500.231	0.8	Midgut	3L:+:33171439-33171468,33171566-33171601	exon=> In CDS Exon 1 and 2 of transcript AGAP011777-PA
JHU_Ag_37749	RTDGVHIINLGR	AGAP011777-PA	-	62	3.15E-06	1	1350.760	0.22	Male reproductive organs	3L:+:33171373-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_38266	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	133	7.54E-13	1	1774.904	-1.49	Male reproductive organs	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_38593	CIASIEYPGEVFAISSRPYGQR	AGAP011777-PA	C1(Carbamidomethyl)	44	0.000528875	1	2500.237	3.28	Visceras	3L:+:33171439-33171468,33171566-33171601	exon=> In CDS Exon 1 and 2 of transcript AGAP011777-PA
JHU_Ag_39545	RTDGVHIINLGR	AGAP011777-PA	-	80	4.42E-08	1	1350.758	-1.58	Ovary	3L:+:33171373-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_43077	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	152	9.59E-15	1	1774.911	2.02	Malpighian tubule	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_44398	FTPGAFTNQIQTTFREPR	AGAP011777-PA	-	55	5.23E-05	1	2111.068	0.31	Salivary gland	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_46043	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	70	1.29E-06	2	1774.913	3.39	Larva	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_46216	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	133	7.34E-13	1	1774.913	3.33	Midgut	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_46259	MLAATTHIGSTSVNFQMEQYVYKR	AGAP011777-PA	M17(Oxidation)	44	0.000534365	1	2791.358	1.42	Malpighian tubule	3L:+:33171301-33171372	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_46593	RTDGVHIINLGR	AGAP011777-PA	-	102	3.14E-10	1	1350.761	0.49	Pupa	3L:+:33171373-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_47511	SGNLDVLSLK	AGAP011777-PA	N-Term(Acetyl)	72	1.06E-06	1	1087.599	-0.68	Ovary	3L:+:33171253-33171282	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_49318	MLAATTHIGSTSVNFQMEQYVYK	AGAP011777-PA	M1(Oxidation), M17(Oxidation)	91	1.11E-08	1	2651.242	-2.33	Male reproductive organs	3L:+:33171301-33171369	exon=> In CDS Exon 1 of transcript AGAP011777-PA

JHU_Ag_50764	ITHDRWEVMPDLFFFR	AGAP011777-PA	M9(Oxidation)	57	3.75E-05	1	2125.042	4.57	Midgut	3L:+:33171911-33171958	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_50833	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl)	63	7.91E-06	2	1277.653	-2.26	Midgut	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_50863	STHSIGLMWWMLAR	AGAP011777-PA	M8(Oxidation), M11(Oxidation)	64	6.80E-06	1	1720.826	-2.53	Ovary	3L:+:33171845-33171886	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_51017	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	142	8.54E-14	1	1774.910	1.47	Visceras	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_51355	EDDVTK	AGAP011777-PA	-	40	0.001533113	1	706.325	-0.31	Ovary	3L:+:33171283-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_54753	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl)	47	0.000289618	2	1277.660	3.18	Larva	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_55669	FTPGAFTNQIQTTFREPR	AGAP011777-PA	-	46	0.000368017	1	2111.070	1.35	Visceras	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_55913	YAHYTQATPIAGR	AGAP011777-PA	-	91	1.44E-08	1	1448.732	2.5	Ovary	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_55988	STHSIGLMWWMLAR	AGAP011777-PA	M8(Oxidation), M11(Oxidation)	70	1.66E-06	1	1720.833	1.84	Salivary gland	3L:+:33171845-33171886	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_57060	EQAAIEAAAPVIK	AGAP011777-PA	-	89	7.86E-09	1	1310.730	-1.14	Ovary	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_57737	CIASIEYPGEVFAISSRPYGQR	AGAP011777-PA	C1(Carbamidomethyl)	55	4.94E-05	1	2500.239	4.09	Malpighian tubule	3L:+:33171439-33171468,33171566-33171601	exon=> In CDS Exon 1 and 2 of transcript AGAP011777-PA
JHU_Ag_58058	DPEEAEK	AGAP011777-PA	-	39	0.000332781	2	817.357	-0.28	Malpighian tubule	3L:+:33171959-33171979	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_59089	CIASIEYPGEVFAISSRPYGQR	AGAP011777-PA	C1(Carbamidomethyl)	56	3.51E-05	1	2500.231	0.64	Male reproductive organs	3L:+:33171439-33171468,33171566-33171601	exon=> In CDS Exon 1 and 2 of transcript AGAP011777-PA
JHU_Ag_59364	FTPGAFTNQIQTTFREPR	AGAP011777-PA	-	43	0.000749614	1	2111.071	1.96	Head	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_59696	LLIVTDPLTDHQPVTEASYVNIPVIAFCNTDSPVK	AGAP011777-PA	C28(Carbamidomethyl)	161	5.44E-16	1	3866.997	2.18	Salivary gland	3L:+:33171707-33171811	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_60241	MLAATTHIGSTSVNFQMEQYVYK	AGAP011777-PA	M1(Oxidation)	47	0.000302844	3	2635.256	1.17	Pupa	3L:+:33171301-33171369	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_61562	WEVMPDLFFFRDPEEAEK	AGAP011777-PA	M4(Oxidation)	38	0.002384151	1	2301.049	-1.8	Ovary	3L:+:33171926-33171979	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_61841	YAHYTQATPIAGR	AGAP011777-PA	-	86	5.27E-08	1	1448.721	-4.92	Head	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_64529	TDGVHIINLGR	AGAP011777-PA	-	69	9.76E-07	1	1194.660	0.59	Ovary	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_66885	EQAAIEAAAPVIK	AGAP011777-PA	-	86	1.39E-08	2	1310.731	-0.58	Midgut	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_69619	TDGVHIINLGR	AGAP011777-PA	-	65	2.27E-06	2	1194.658	-0.63	Midgut	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_71698	STHSIGLMWWMLAR	AGAP011777-PA	M8(Oxidation), M11(Oxidation)	50	0.000172582	1	1720.833	1.94	Pupa	3L:+:33171845-33171886	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_73092	RTDGVHIINLGR	AGAP011777-PA	-	38	0.000680923	1	1350.761	0.62	Visceras	3L:+:33171373-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_73619	DPEEAEK	AGAP011777-PA	-	28	0.004845758	2	817.360	2.56	Head	3L:+:33171959-33171979	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_77466	EQAAIEAAAPVIK	AGAP011777-PA	-	83	3.18E-08	1	1310.732	0.44	Pupa	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_78470	CIASIEYPGEVFAISSRPYGQR	AGAP011777-PA	C1(Carbamidomethyl)	64	5.69E-06	1	2500.230	0.35	Salivary gland	3L:+:33171439-33171468,33171566-33171601	exon=> In CDS Exon 1 and 2 of transcript AGAP011777-PA

JHU_Ag_78672	SGNLDVLSLK	AGAP011777-PA	N-Term(Acetyl)	63	9.77E-06	1	1087.600	0.18	Midgut	3L:+:33171253-33171282	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_80920	STHSIGLMWWMLAR	AGAP011777-PA	M8(Oxidation), M11(Oxidation)	74	8.17E-07	1	1720.830	-0.07	Midgut	3L:+:33171845-33171886	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_83372	SGNLDVLSLK	AGAP011777-PA	N-Term(Acetyl)	68	2.36E-06	1	1087.604	4.49	Male reproductive organs	3L:+:33171253-33171282	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_83922	MLAATTHIGSTSVNFQMEQYVYK	AGAP011777-PA	M1(Oxidation), M17(Oxidation),M1(Oxidation)	123	7.34E-12	1	2651.250	0.57	Ovary	3L:+:33171301-33171369	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_85071	FTPGAFTNQIQTTFREPR	AGAP011777-PA	Q11(Deamidated),Q9(Deamidated),N8(Deamidated)	53	8.09E-05	1	2111.070	1.52	Ovary	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_85787	TDGVHIINLGR	AGAP011777-PA	-	64	2.80E-06	1	1194.660	1.21	Head	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_86051	LLIVTDPLTDHQPVTEASYVNIPVIAFCNTDSPVK	AGAP011777-PA	C28(Carbamidomethyl)	32	0.004076998	1	3866.989	0	Pupa	3L:+:33171707-33171811	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_87519	MLAATTHIGSTSVNFQMEQYVYK	AGAP011777-PA	M1(Oxidation), M17(Oxidation)	58	2.03E-05	1	2651.257	3.4	Salivary gland	3L:+:33171301-33171369	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_88645	EQAAIEAAAPVIK	AGAP011777-PA	-	83	2.89E-08	2	1310.736	3.61	Malpighian tubule	3L:+:33171980-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_89361	FTPGAFTNQIQTTFR	AGAP011777-PA	-	120	1.47E-11	1	1728.875	2.58	Head	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_89504	YAHYTQATPIAGR	AGAP011777-PA	-	89	2.11E-08	1	1448.732	2.66	Visceras	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_90360	DPEEAEKEQAAIEAAAPVIK	AGAP011777-PA	-	143	7.61E-14	1	2109.071	-0.25	Ovary	3L:+:33171959-33172018	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_90742	LLLAAR	AGAP011777-PA	-	36	0.000184543	1	656.446	0.5	Midgut	3L:+:33171421-33171438	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_90961	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl)	51	0.000147056	2	1277.651	-3.51	Head	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_91529	SGNLDVLSLK	AGAP011777-PA	N-Term(Acetyl)	56	4.69E-05	1	1087.601	1.64	Salivary gland	3L:+:33171253-33171282	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_91931	FTPGAFTNQIQTTFR	AGAP011777-PA	Q11(Deamidated)	140	1.41E-13	1	1728.873	1.24	Ovary	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_92333	FTPGAFTNQIQTTFREPR	AGAP011777-PA	-	51	0.000121023	1	2111.071	1.78	Pupa	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_92990	FTPGAFTNQIQTTFREPR	AGAP011777-PA	N8(Deamidated)	56	3.76E-05	1	2112.053	1.08	Midgut	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_93812	FTPGAFTNQIQTTFR	AGAP011777-PA	N8(Deamidated)	125	4.51E-12	1	1728.872	0.68	Male reproductive organs	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_94199	YAHYTQATPIAGR	AGAP011777-PA	-	91	1.42E-08	1	1448.733	3.25	Male reproductive organs	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_94773	LLIVTDPLTDHQPVTEASYVNIPVIAFCNTDSPVK	AGAP011777-PA	C28(Carbamidomethyl)	160	6.52E-16	1	3866.992	0.95	Ovary	3L:+:33171707-33171811	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_95276	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl), N3(Deamidated)	55	5.09E-05	1	1775.902	5.93	Midgut	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_96361	MLAATTHIGSTSVNFQMEQYVYKR	AGAP011777-PA	M17(Oxidation),"M1(Oxidation), M17(Oxidation)"	70	1.34E-06	1	2791.350	-1.47	Midgut	3L:+:33171301-33171372	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_97506	AVLKYAHYTQATPIAGR	AGAP011777-PA	-	43	0.000321769	1	1860.019	3.3	Malpighian tubule	3L:+:33171602-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_97975	FTPGAFTNQIQTTFREPR	AGAP011777-PA	-	46	0.000393811	1	2111.073	3	Male reproductive organs	3L:+:33171653-33171706	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_98589	YAHYTQATPIAGR	AGAP011777-PA	-	93	9.85E-09	1	1448.732	2.75	Malpighian tubule	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA

JHU_Ag_99644	FTPGAFTNQIQTTFR	AGAP011777-PA	N8(Deamidated)	115	4.18E-11	2	1728.875	2.51	Pupa	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_100523	YAHYTQATPIAGR	AGAP011777-PA	-	93	9.43E-09	1	1448.728	-0.03	Pupa	3L:+:33171614-33171652	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_100598	FTPGAFTNQIQTTFR	AGAP011777-PA	-	93	6.79E-09	1	1728.875	2.44	Visceras	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_101337	DPEEAEK	AGAP011777-PA	-	42	0.000207664	1	817.358	0.79	Midgut	3L:+:33171959-33171979	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_101701	RTDGVHIINLGR	AGAP011777-PA	-	67	1.01E-06	1	1350.769	6.46	Salivary gland	3L:+:33171373-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_102944	LLIVTDPLTDHQPVTEASYVNIPVIAFCNTDSPVK	AGAP011777-PA	C28(Carbamidomethyl)	37	0.001251387	1	3867.002	3.5	Head	3L:+:33171707-33171811	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_103286	FTPGAFTNQIQTTFR	AGAP011777-PA	-	108	2.15E-10	1	1728.873	1.45	Malpighian tubule	3L:+:33171653-33171697	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_103547	SGNLDVLSLKEDDVTK	AGAP011777-PA	N-Term(Acetyl)	144	5.58E-14	1	1774.906	-0.39	Pupa	3L:+:33171253-33171300	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_104576	CIASIEYPGEVFAISSRPYGQR	AGAP011777-PA	C1(Carbamidomethyl)	59	2.04E-05	1	2500.227	-0.82	Ovary	3L:+:33171439-33171468,33171566-33171601	exon=> In CDS Exon 1 and 2 of transcript AGAP011777-PA
JHU_Ag_106442	FVDIAIPCNTK	AGAP011777-PA	C8(Carbamidomethyl)	51	0.000117696	2	1277.658	1.46	Pupa	3L:+:33171812-33171844	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_106692	WEVMPDLFFFRDPEEAEK	AGAP011777-PA	M4(Oxidation)	50	0.000148198	1	2301.066	5.36	Larva	3L:+:33171926-33171979	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_108024	WEVMPDLFFFRDPEEAEK	AGAP011777-PA	M4(Oxidation)	37	0.002987809	1	2301.059	2.26	Pupa	3L:+:33171926-33171979	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_109105	TDGVHIINLGR	AGAP011777-PA	-	64	2.62E-06	1	1194.661	1.31	Malpighian tubule	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_109836	STHSIGLMWWMLAR	AGAP011777-PA	M8(Oxidation), M11(Oxidation)	54	7.94E-05	1	1720.834	2.13	Male reproductive organs	3L:+:33171845-33171886	exon=> In CDS Exon 2 of transcript AGAP011777-PA
JHU_Ag_114570	TDGVHIINLGR	AGAP011777-PA	-	62	4.68E-06	1	1194.660	0.43	Salivary gland	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_116978	RTDGVHIINLGR	AGAP011777-PA	-	85	1.31E-08	1	1350.762	1.4	Malpighian tubule	3L:+:33171373-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_117525	TDGVHIINLGR	AGAP011777-PA	-	54	2.90E-05	1	1194.659	-0.41	Visceras	3L:+:33171376-33171408	exon=> In CDS Exon 1 of transcript AGAP011777-PA
JHU_Ag_2263	GVDTCEGDGGAPLVCPIGAASENR	AGAP011780-PA	C5(Carbamidomethyl), C15(Carbamidomethyl)	41	0.000735589	2	2402.075	1.57	Pupa	3L:-:33242360-33242289	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_3400	VNSHPDFNPR	AGAP011780-PA	-	52	9.21E-05	1	1182.565	-0.19	Pupa	3L:-:33242681-33242652	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_6332	KVPLPLVPSSTCER	AGAP011780-PA	C12(Carbamidomethyl)	52	4.25E-05	2	1582.863	0.47	Head	3L:-:33242474-33242433	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_19466	AGEWDTQTTK	AGAP011780-PA	-	35	0.004193496	2	1136.525	2.69	Larva	3L:-:33242747-33242718	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_28561	AGEWDTQTTK	AGAP011780-PA	-	56	3.57E-05	2	1136.521	-0.75	Pupa	3L:-:33242747-33242718	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_34756	TQDGSSTCGGSLIHPNLVLTGAHCVQGFR	AGAP011780-PA	C8(Carbamidomethyl), C24(Carbamidomethyl)	91	9.45E-09	1	3069.472	3.02	Head	3L:-:33242855-33242769	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_50627	LHQTFICAGGER	AGAP011780-PA	C7(Carbamidomethyl)	47	0.000347262	1	1388.675	0.96	Pupa	3L:-:33242396-33242361	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_58340	KVPLPLVPSSTCER	AGAP011780-PA	C12(Carbamidomethyl)	39	0.000929301	1	1582.862	0.09	Pupa	3L:-:33242474-33242433	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_59507	ERLPYQER	AGAP011780-PA	-	49	0.000222638	1	1090.567	2.9	Larva	3L:-:33242717-33242694	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_65860	VNSHPDFNPR	AGAP011780-PA	-	36	0.003694357	1	1182.562	-2.98	Head	3L:-:33242681-33242652	exon=> In CDS Exon 3 of transcript AGAP011780-PA

JHU_Ag_68154	TQDGSSTCGGSLIHPNLVLTGAHCVQGFR	AGAP011780-PA	C8(Carbamidomethyl), C24(Carbamidomethyl)	76	2.92E-07	1	3069.459	-1.2	Pupa	3L:-:33242855-33242769	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_70181	VPLPLVPSSTCER	AGAP011780-PA	C11(Carbamidomethyl)	50	0.00013483	1	1454.768	0.35	Pupa	3L:-:33242471-33242433	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_70624	GVDTCEGDGGAPLVCPIGAASENR	AGAP011780-PA	C5(Carbamidomethyl), C15(Carbamidomethyl)	95	3.50E-09	2	2402.074	0.96	Head	3L:-:33242360-33242289	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_82653	SWIDNVVR	AGAP011780-PA	-	40	0.001756776	2	988.524	2.53	Head	3L:-:33242204-33242181	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_92995	ERLPYQER	AGAP011780-PA	-	44	0.000669887	1	1090.559	-4.82	Head	3L:-:33242717-33242694	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_103590	RTDCFASGWGK	AGAP011780-PA	C4(Carbamidomethyl)	37	0.001529273	2	1284.575	-2.87	Pupa	3L:-:33242549-33242517	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_108438	SWIDNVVR	AGAP011780-PA	-	49	0.000225736	2	988.522	0.62	Pupa	3L:-:33242204-33242181	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_113301	LHQTFICAGGER	AGAP011780-PA	C7(Carbamidomethyl)	75	5.46E-07	1	1388.675	0.52	Head	3L:-:33242396-33242361	exon=> In CDS Exon 3 of transcript AGAP011780-PA
JHU_Ag_65572	TESEVLPYQDAR	AGAP011781-PA	-	40	0.001655106	2	1407.673	-1.56	Pupa	3L:-:33248245-33248427,33247587-33248136	exon=> In CDS Exon 4 and 3 of transcript AGAP011781-PA
JHU_Ag_105273	FGVMGVYQHILK	AGAP011781-PA	M4(Oxidation)	50	0.000126553	1	1407.746	0.53	Pupa	3L:-:33247955-33247920	exon=> In CDS Exon 4 of transcript AGAP011781-PA
JHU_Ag_33141	LGPADPSR	AGAP011782-PA	-	31	0.004659655	2	812.436	12.46	Head	3L:+:33254196-33254219	exon=> In CDS Exon 2 of transcript AGAP011782-PA
JHU_Ag_30656	YQVILKK	AGAP011783-PA,AGAP011787-PA	-	28	0.001227694	2	891.563	-3.25	Pupa	3L:-:33254916-33254896;3L:-:33268748-33268728	exon=> In CDS Exon 2 of transcript AGAP011783-PA;exon=> In CDS Exon 2 of transcript AGAP011787-PA
JHU_Ag_71129	YQVILK	AGAP011783-PA,AGAP011787-PA	-	33	0.000993185	2	763.469	-2.44	Pupa	3L:-:33254916-33254899;3L:-:33268748-33268731	exon=> In CDS Exon 2 of transcript AGAP011783-PA;exon=> In CDS Exon 2 of transcript AGAP011787-PA
JHU_Ag_95459	YQVILK	AGAP011783-PA,AGAP011787-PA	-	41	0.000295823	1	763.472	1.33	Head	3L:-:33254916-33254899;3L:-:33268748-33268731	exon=> In CDS Exon 2 of transcript AGAP011783-PA;exon=> In CDS Exon 2 of transcript AGAP011787-PA
JHU_Ag_10300	DWINQQLVQR	AGAP011785-PA	N4(Deamidated)	53	5.99E-05	2	1300.666	0.84	Head	3L:-:33261570-33261541	exon=> In CDS Exon 2 of transcript AGAP011785-PA
JHU_Ag_34876	DWINQQLVQR	AGAP011785-PA	N4(Deamidated)	76	3.99E-07	1	1300.670	4.32	Larva	3L:-:33261570-33261541	exon=> In CDS Exon 2 of transcript AGAP011785-PA
JHU_Ag_46010	DWINQQLVQR	AGAP011785-PA	N4(Deamidated)	63	6.13E-06	1	1300.664	-0.28	Pupa	3L:-:33261570-33261541	exon=> In CDS Exon 2 of transcript AGAP011785-PA
JHU_Ag_33944	YQVILK	AGAP011787-PA,AGAP011783-PA	-	36	0.000515264	1	763.471	-0.74	Larva	3L:-:33268748-33268731;3L:-:33254916-33254899	exon=> In CDS Exon 2 of transcript AGAP011787-PA;exon=> In CDS Exon 2 of transcript AGAP011783-PA
JHU_Ag_42	VAEVITHEAFNK	AGAP011788-PA	-	47	0.000215977	2	1357.710	-0.8	Male reproductive organs	3L:-:33271524-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_1693	VAEVITHEAFNK	AGAP011788-PA	-	99	1.21E-09	1	1357.710	-0.8	Head	3L:-:33271524-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_15368	VAEVITHEAFNK	AGAP011788-PA	-	102	7.44E-10	1	1357.715	2.7	Larva	3L:-:33271524-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_15602	VAEVITHEAFNK	AGAP011788-PA	-	82	8.07E-08	1	1357.714	2.34	Visceras	3L:-:33271524-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_33910	VAEVITHEAFNK	AGAP011788-PA	-	95	3.27E-09	1	1357.710	-1.07	Pupa	3L:-:33271524-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA

JHU_Ag_44028	VAEVITHEAFNK	AGAP011788-PA	-	106	2.92E-10	1	1357.713	1.53	Malpighian tubule	3L:-:33271524-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_88782	RVAEVITHEAFNK	AGAP011788-PA	-	62	8.50E-06	1	1513.811	-1	Pupa	3L:-:33271527-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_105780	RVAEVITHEAFNK	AGAP011788-PA	-	51	0.000100314	1	1513.812	-0.16	Larva	3L:-:33271527-33271489	exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_1423	NENGIGFR	AGAP011788-PA,AGAP011788-PB	N3(Deamidated)	43	0.000729356	1	907.429	2.76	Larva	3L:-:33271797-33271774;3L:-:33271797-33271774	exon=> In CDS Exon 2 of transcript AGAP011788-PA;exon=> In CDS Exon 2 of transcript AGAP011788-PB
JHU_Ag_11564	DGESEYGEFPWMLAVLR	AGAP011788-PA,AGAP011788-PB	M12(Oxidation)	107	2.41E-10	1	2014.930	4.16	Larva	3L:-:33271758-33271708;3L:-:33271758-33271708	exon=> In CDS Exon 2 of transcript AGAP011788-PA;exon=> In CDS Exon 2 of transcript AGAP011788-PB
JHU_Ag_29397	APPTSVPDAR	AGAP011788-PA,AGAP011788-PB	-	54	4.23E-05	1	1010.530	3.51	Larva	3L:-:33271848-33271819;3L:-:33271848-33271819	exon=> In CDS Exon 2 of transcript AGAP011788-PA;exon=> In CDS Exon 2 of transcript AGAP011788-PB
JHU_Ag_31370	AGEWDTQTR	AGAP011788-PA,AGAP011788-PB	-	76	2.91E-07	2	1063.483	2.56	Larva	3L:-:33271581-33271555;3L:-:33271581-33271555	exon=> In CDS Exon 2 of transcript AGAP011788-PA;exon=> In CDS Exon 2 of transcript AGAP011788-PB
JHU_Ag_59962	IITDGAGIIDIR	AGAP011788-PA,AGAP011788-PB	-	44	0.000297027	2	1256.722	0.52	Visceras	3L:-:33271986-33271951;3L:-:33271986-33271951	exon=> In CDS Exon 2 of transcript AGAP011788-PA;exon=> In CDS Exon 2 of transcript AGAP011788-PB
JHU_Ag_60931	IITDGAGIIDIR	AGAP011788-PA,AGAP011788-PB	-	83	3.45E-08	1	1256.726	4.31	Larva	3L:-:33271986-33271951;3L:-:33271986-33271951	exon=> In CDS Exon 2 of transcript AGAP011788-PA;exon=> In CDS Exon 2 of transcript AGAP011788-PB
JHU_Ag_100943	EQLLIR	AGAP011788-PA,AGAP011788-PB	-	33	0.004266562	1	771.474	1.58	Larva	3L:-:33271599-33271582;3L:-:33271599-33271582	exon=> In CDS Exon 2 of transcript AGAP011788-PA;exon=> In CDS Exon 2 of transcript AGAP011788-PB
JHU_Ag_108152	YTCTGECVQYYLCSDNK	AGAP011788-PA,AGAP011788-PB	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl)	101	1.94E-10	1	2160.877	4.34	Larva	3L:-:33272419-33272638,33271414-33271987;3L:-:33272419-33272638,33271519-33271987	exon=> In CDS Exon 2 and 1 of transcript AGAP011788-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP011788-PB
JHU_Ag_5555	DGESEYGEFPWMLAVLR	AGAP011788-PB,AGAP011788-PA	-	91	1.04E-08	1	1998.930	1.58	Pupa	3L:-:33271758-33271708;3L:-:33271758-33271708	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_7079	YTCTGECVQYYLCSDNK	AGAP011788-PB,AGAP011788-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl)	98	3.42E-10	1	2160.865	-0.97	Pupa	3L:-:33272419-33272638,33271519-33271987;3L:-:33272419-33272638,33271414-33271987	exon=> In CDS Exon 2 and 1 of transcript AGAP011788-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP011788-PA
JHU_Ag_10651	APPTSVPDAR	AGAP011788-PB,AGAP011788-PA	-	60	1.09E-05	2	1010.527	0.07	Head	3L:-:33271848-33271819;3L:-:33271848-33271819	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA

JHU_Ag_22433	VGEDPAEEYECPHFLNTCCEK	AGAP011788-PB,AGAP011788-PA	C11(Carbamidomethyl), C18(Carbamidomethyl), C19(Carbamidomethyl)	136	5.49E-14	1	2584.042	-0.15	Head	3L:-:33271950-33271888;3L:-:33271950-33271888	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_62248	IITDGAGIIDIR	AGAP011788-PB,AGAP011788-PA	-	56	2.04E-05	2	1256.719	-1.33	Head	3L:-:33271986-33271951;3L:-:33271986-33271951	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_65665	YTCTGECVQYYLCSDNK	AGAP011788-PB,AGAP011788-PA	C3(Carbamidomethyl), C7(Carbamidomethyl), C13(Carbamidomethyl)	88	4.12E-09	1	2160.869	1.06	Head	3L:-:33272419-33272638,33271519-33271987;3L:-:33272419-33272638,33271414-33271987	exon=> In CDS Exon 2 and 1 of transcript AGAP011788-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP011788-PA
JHU_Ag_84538	NENGIGFR	AGAP011788-PB,AGAP011788-PA	N3(Deamidated)	48	0.000199858	2	907.427	-0.2	Pupa	3L:-:33271797-33271774;3L:-:33271797-33271774	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_84560	IITDGAGIIDIR	AGAP011788-PB,AGAP011788-PA	-	71	5.33E-07	2	1256.723	1.78	Pupa	3L:-:33271986-33271951;3L:-:33271986-33271951	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_111003	APPTSVPDAR	AGAP011788-PB,AGAP011788-PA	-	66	2.32E-06	1	1010.526	-0.48	Pupa	3L:-:33271848-33271819;3L:-:33271848-33271819	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_113476	NELYQHQDR	AGAP011788-PB,AGAP011788-PA	-	35	0.002445048	1	1202.549	-4.81	Head	3L:-:33271554-33271528;3L:-:33271554-33271528	exon=> In CDS Exon 2 of transcript AGAP011788-PB;exon=> In CDS Exon 2 of transcript AGAP011788-PA
JHU_Ag_5374	VGEWDTQTK	AGAP011789-PA	-	53	7.96E-05	1	1063.506	0.03	Pupa	3L:-:33275719-33275693	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_6562	SFICAGGVPGK	AGAP011789-PA	C4(Carbamidomethyl)	81	1.33E-07	1	1092.551	0.67	Pupa	3L:-:33275359-33275327	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_8014	SVVEIVVHPDYYK	AGAP011789-PA	-	89	1.70E-08	1	1547.810	-0.07	Malpighian tubule	3L:-:33275665-33275627	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_10882	VGEWDTQTKNEIYPHQDR	AGAP011789-PA	-	81	1.12E-07	1	2216.038	0.77	Malpighian tubule	3L:-:33275719-33275666	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_11070	GGPCGGEAVCIQK	AGAP011789-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	96	2.30E-09	2	1332.607	2.93	Larva	3L:-:33276295-33276257	exon=> In CDS Exon 2 of transcript AGAP011789-PA
JHU_Ag_14975	RNVDGIGFR	AGAP011789-PA	-	39	0.001978283	1	1033.552	-1.59	Pupa	3L:-:33275941-33275915	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_23297	AGTYQVILK	AGAP011789-PA	-	54	1.06E-05	1	992.585	7.22	Larva	3L:-:33275473-33275447	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_25869	NEIYPHQDR	AGAP011789-PA	-	53	4.29E-05	1	1171.548	-0.91	Pupa	3L:-:33275692-33275666	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_27346	SVVEIVVHPDYYK	AGAP011789-PA	-	124	5.82E-12	1	1547.812	1.11	Pupa	3L:-:33275665-33275627	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_29756	NVDGIGFR	AGAP011789-PA	-	48	0.000265164	1	877.452	-1.19	Pupa	3L:-:33275938-33275915	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_31184	ENVYTCGGSLIHR	AGAP011789-PA	C6(Carbamidomethyl)	109	1.79E-10	1	1505.716	-0.15	Pupa	3L:-:33275821-33275783	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_32459	QVVLTGAHCVQNKQPSQLK	AGAP011789-PA	C9(Carbamidomethyl)	68	1.49E-06	1	2135.138	-0.45	Pupa	3L:-:33275782-33275726	exon=> In CDS Exon 3 of transcript AGAP011789-PA

JHU_Ag_33068	GGPCGGEAVCIQK	AGAP011789-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	97	1.94E-09	2	1332.603	-0.36	Pupa	3L:-:33276295-33276257	exon=> In CDS Exon 2 of transcript AGAP011789-PA
JHU_Ag_37713	GWIDQHMVQR	AGAP011789-PA	M7(Oxidation)	69	1.60E-06	1	1285.609	-0.98	Pupa	3L:-:33275176-33275147	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_38199	TEEVLGQLRENVYTCGGSLIHR	AGAP011789-PA	C15(Carbamidomethyl)	50	0.000160421	1	2531.268	0.21	Malpighian tubule	3L:-:33275848-33275783	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_42277	IDLPVVPNDQCQTALR	AGAP011789-PA	C11(Carbamidomethyl)	52	7.22E-05	1	1838.946	1.62	Pupa	3L:-:33275443-33275396	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_42473	AGTYQVILK	AGAP011789-PA	-	42	0.0001952	2	992.581	3.4	Malpighian tubule	3L:-:33275473-33275447	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_43559	SFICAGGVPGK	AGAP011789-PA	C4(Carbamidomethyl)	65	4.98E-06	2	1092.553	2.35	Larva	3L:-:33275359-33275327	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_47478	QVVLTGAHCVQNKQPSQLK	AGAP011789-PA	C9(Carbamidomethyl)	66	1.86E-06	1	2135.142	1.52	Malpighian tubule	3L:-:33275782-33275726	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_51226	NEIYPHQDR	AGAP011789-PA	-	64	2.88E-06	1	1171.544	-4.56	Head	3L:-:33275692-33275666	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_51543	SVVEIVVHPDYYK	AGAP011789-PA	-	61	9.93E-06	1	1547.815	2.61	Male reproductive organs	3L:-:33275665-33275627	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_52553	NSEAEYGEFPWMVAILK	AGAP011789-PA	M12(Oxidation)	86	3.63E-08	1	1983.954	1	Pupa	3L:-:33275899-33275849	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_55315	VGEWDTQTKNEIYPHQDR	AGAP011789-PA	-	145	5.14E-14	1	2216.037	0	Pupa	3L:-:33275719-33275666	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_55814	TEEVLGQLR	AGAP011789-PA	-	43	0.000920679	2	1044.571	2.29	Male reproductive organs	3L:-:33275848-33275822	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_57918	KIDLPVVPNDQCQTALR	AGAP011789-PA	C12(Carbamidomethyl)	71	7.97E-07	1	1967.043	2.51	Larva	3L:-:33275446-33275396	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_59719	IDLPVVPNDQCQTALR	AGAP011789-PA	C11(Carbamidomethyl)	44	0.0005758	2	1838.944	0.56	Head	3L:-:33275443-33275396	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_63612	GGPCGGEAVCIQK	AGAP011789-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	106	2.12E-10	1	1332.597	-4.76	Head	3L:-:33276295-33276257	exon=> In CDS Exon 2 of transcript AGAP011789-PA
JHU_Ag_63948	GWIDQHMVQR	AGAP011789-PA	M7(Oxidation)	73	5.70E-07	1	1285.614	2.82	Larva	3L:-:33275176-33275147	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_64869	ENVYTCGGSLIHR	AGAP011789-PA	C6(Carbamidomethyl)	80	1.38E-07	1	1505.716	-0.15	Visceras	3L:-:33275821-33275783	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_67223	NSEAEYGEFPWMVAILK	AGAP011789-PA	M12(Oxidation)	54	6.45E-05	2	1999.952	2.62	Head	3L:-:33275899-33275849	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_68641	TEEVLGQLR	AGAP011789-PA	-	48	0.000248256	1	1044.573	4.24	Larva	3L:-:33275848-33275822	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_74093	SFICAGGVPGKDTCK	AGAP011789-PA	C4(Carbamidomethyl), C14(Carbamidomethyl)	43	0.000668914	2	1596.748	-1.72	Pupa	3L:-:33275359-33275315	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_75044	AGTYQVILK	AGAP011789-PA	-	69	4.73E-07	1	992.577	-0.78	Pupa	3L:-:33275473-33275447	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_75538	ENVYTCGGSLIHR	AGAP011789-PA	C6(Carbamidomethyl)	104	6.26E-10	1	1505.724	4.79	Larva	3L:-:33275821-33275783	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_84089	SVVEIVVHPDYYK	AGAP011789-PA	-	84	6.37E-08	2	1547.810	-0.47	Head	3L:-:33275665-33275627	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_84534	GGPCGGEAVCIQK	AGAP011789-PA	C4(Carbamidomethyl), C10(Carbamidomethyl)	97	1.97E-09	1	1332.602	-0.82	Malpighian tubule	3L:-:33276295-33276257	exon=> In CDS Exon 2 of transcript AGAP011789-PA
JHU_Ag_85419	NSEAEYGEFPWMVAILK	AGAP011789-PA	-	124	6.24E-12	1	1983.951	-0.54	Midgut	3L:-:33275899-33275849	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_86041	QVVLTGAHCVQNK	AGAP011789-PA	C9(Carbamidomethyl)	102	1.01E-09	1	1453.758	0.11	Pupa	3L:-:33275782-33275744	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_87466	SVVEIVVHPDYYK	AGAP011789-PA	-	99	1.57E-09	1	1547.817	4.27	Larva	3L:-:33275665-33275627	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_93418	NEIYPHQDR	AGAP011789-PA	-	38	0.001364027	1	1171.553	3.15	Larva	3L:-:33275692-33275666	exon=> In CDS Exon 3 of transcript AGAP011789-PA

JHU_Ag_96119	KIDLPVVPNDQCQTALR	AGAP011789-PA	C12(Carbamidomethyl)	100	1.07E-09	1	1967.038	-0.2	Pupa	3L:-:33275446-33275396	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_99806	ENVYTCGGSLIHR	AGAP011789-PA	C6(Carbamidomethyl)	109	1.78E-10	1	1505.719	1.63	Head	3L:-:33275821-33275783	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_103863	TEEVLGQLR	AGAP011789-PA	-	54	5.91E-05	1	1044.567	-0.98	Pupa	3L:-:33275848-33275822	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_105857	TEEVLGQLRENVYTCGGSLIHR	AGAP011789-PA	C15(Carbamidomethyl)	120	1.42E-11	1	2531.265	-0.8	Pupa	3L:-:33275848-33275783	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_107624	KIDLPVVPNDQCQTALR	AGAP011789-PA	C12(Carbamidomethyl)	87	2.35E-08	1	1967.039	0.64	Head	3L:-:33275446-33275396	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_107702	NVDGIGFR	AGAP011789-PA	-	40	0.001571339	2	877.455	2.43	Larva	3L:-:33275938-33275915	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_111298	QVVLTGAHCVQNK	AGAP011789-PA	C9(Carbamidomethyl)	74	5.49E-07	1	1453.761	1.96	Head	3L:-:33275782-33275744	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_111842	QVVLTGAHCVQNK	AGAP011789-PA	C9(Carbamidomethyl)	87	2.42E-08	1	1453.764	3.97	Larva	3L:-:33275782-33275744	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_116252	NSEAEYGEFPWMVAILK	AGAP011789-PA	M12(Oxidation)	99	1.99E-09	1	1999.958	5.42	Larva	3L:-:33275899-33275849	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_116800	RNVDGIGFR	AGAP011789-PA	-	36	0.002859959	1	1033.559	4.67	Larva	3L:-:33275941-33275915	exon=> In CDS Exon 3 of transcript AGAP011789-PA
JHU_Ag_39931	QIPYTVLTK	AGAP011790-PB	-	38	0.000589493	2	1062.631	11.17	Head	3L:+:33281777-33281803	exon=> In CDS Exon 3 of transcript AGAP011790-PB
JHU_Ag_1120	NEMFDYQDR	AGAP011792-PA	M3(Oxidation)	41	7.18E-05	2	1233.485	0.74	Pupa	3L:-:33287462-33287806,33286810-33287362	exon=> In CDS Exon 4 and 3 of transcript AGAP011792-PA
JHU_Ag_4467	KIELPIMPNEECQK	AGAP011792-PA	M7(Oxidation), C12(Carbamidomethyl)	67	3.21E-06	2	1744.866	3.07	Larva	3L:-:33287142-33287101	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_8392	ALDQVINVYQCGGSLIHPSVVLTAAHCVQNR	AGAP011792-PA	C11(Carbamidomethyl), C27(Carbamidomethyl)	155	2.75E-15	1	3419.753	6.46	Larva	3L:-:33287606-33287514	exon=> In CDS Exon 3 of transcript AGAP011792-PA
JHU_Ag_8427	FKLHSSFICAGGEK	AGAP011792-PA	C9(Carbamidomethyl)	73	8.73E-07	1	1580.789	0.11	Pupa	3L:-:33287070-33287029	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_13730	QGTYQVILK	AGAP011792-PA	-	40	0.000460052	1	1049.603	3.76	Larva	3L:-:33287169-33287143	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_29201	GWIDDHLR	AGAP011792-PA	-	49	0.000161736	1	1011.504	3.4	Larva	3L:-:33286872-33286849	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_50693	GWIDDHLR	AGAP011792-PA	-	53	5.74E-05	1	1011.503	2.13	Pupa	3L:-:33286872-33286849	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_52598	LGEWDTQTK	AGAP011792-PA	-	52	9.99E-05	2	1077.523	2.16	Larva	3L:-:33287489-33287463	exon=> In CDS Exon 3 of transcript AGAP011792-PA
JHU_Ag_65354	NEMFDYQDR	AGAP011792-PA	M3(Oxidation)	40	0.000106756	2	1233.489	3.6	Larva	3L:-:33287462-33287806,33286810-33287362	exon=> In CDS Exon 4 and 3 of transcript AGAP011792-PA
JHU_Ag_72841	LHSSFICAGGEK	AGAP011792-PA	C7(Carbamidomethyl)	56	3.64E-05	1	1305.628	1.97	Larva	3L:-:33287064-33287029	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_85281	ITGDNDGESEYGEFPWMVAILK	AGAP011792-PA	M17(Oxidation)	72	8.43E-07	2	2487.148	3.6	Larva	3L:-:33287681-33287616	exon=> In CDS Exon 3 of transcript AGAP011792-PA
JHU_Ag_88596	ALDQVINVYQCGGSLIHPSVVLTAAHCVQNR	AGAP011792-PA	C11(Carbamidomethyl), C27(Carbamidomethyl)	180	8.69E-18	1	3419.741	2.89	Pupa	3L:-:33287606-33287514	exon=> In CDS Exon 3 of transcript AGAP011792-PA
JHU_Ag_93124	LHSSFICAGGEK	AGAP011792-PA	C7(Carbamidomethyl)	85	4.45E-08	1	1305.623	-1.87	Pupa	3L:-:33287064-33287029	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_103064	LHLCPNGELNTDGANIIDIR	AGAP011792-PA	C4(Carbamidomethyl)	118	2.42E-11	1	2235.121	0.85	Head	3L:-:33289324-33289265	exon=> In CDS Exon 2 of transcript AGAP011792-PA
JHU_Ag_106764	LGEWDTQTK	AGAP011792-PA	-	53	0.000100701	2	1077.522	0.57	Pupa	3L:-:33287489-33287463	exon=> In CDS Exon 3 of transcript AGAP011792-PA

JHU_Ag_110532	QGTYQVILK	AGAP011792-PA	-	35	0.001845678	1	1049.598	-0.54	Pupa	3L:-:33287169-33287143	exon=> In CDS Exon 4 of transcript AGAP011792-PA
JHU_Ag_114456	NVDGVGFR	AGAP011792-PA	-	38	0.002103061	2	863.439	2.28	Larva	3L:-:33287705-33287682	exon=> In CDS Exon 3 of transcript AGAP011792-PA
JHU_Ag_115764	FNPDNECEDYLLK	AGAP011792-PA	C7(Carbamidomethyl)	61	4.39E-06	2	1656.720	-0.79	Head	3L:-:33289264-33289226	exon=> In CDS Exon 2 of transcript AGAP011792-PA
JHU_Ag_8053	HGGAIDFGQAMLR	AGAP011797-PA	M11(Oxidation)	69	1.50E-06	1	1372.678	-0.61	Midgut	3L:+:33314669-33314707	exon=> In CDS Exon 2 of transcript AGAP011797-PA
JHU_Ag_8913	HGGAIDFGQAMLR	AGAP011797-PA	M11(Oxidation)	52	0.000102663	2	1388.673	-0.9	Head	3L:+:33314669-33314707	exon=> In CDS Exon 2 of transcript AGAP011797-PA
JHU_Ag_42518	EVEVEQPVFGANYIK	AGAP011797-PA	-	110	1.49E-10	2	1721.874	-0.28	Midgut	3L:+:33314558-33314602	exon=> In CDS Exon 2 of transcript AGAP011797-PA
JHU_Ag_42731	EAEAAQSAYYDPNRPQTAYVPPPAYYEPPPSYSSLNKK	AGAP011797-PA	-	83	5.50E-08	1	4260.024	0.9	Male reproductive organs	3L:+:33316702-33316779,33316866-33316901	exon=> In CDS Exon 3 and 4 of transcript AGAP011797-PA
JHU_Ag_114413	VQAQQNGNWEGEAK	AGAP011797-PA	-	76	3.59E-07	1	1558.727	1.65	Malpighian tubule	3L:+:33314609-33314650	exon=> In CDS Exon 2 of transcript AGAP011797-PA
JHU_Ag_116156	VIYNGKSETDALR	AGAP011797-PA	-	95	4.35E-09	1	1465.770	3.57	Malpighian tubule	3L:+:33314489-33314527	exon=> In CDS Exon 2 of transcript AGAP011797-PA
JHU_Ag_3181	LAAEHIEQR	AGAP011798-PA	-	49	0.000149936	2	1066.563	-0.82	Pupa	3L:-:33318479-33318453	exon=> In CDS Exon 7 of transcript AGAP011798-PA
JHU_Ag_7445	QSHINPDQPEVQVIDHLTQQYK	AGAP011798-PA	-	77	2.86E-07	1	2617.297	-1.47	Malpighian tubule	3L:-:33319235-33319621,33318790-33319098	exon=> In CDS Exon 5 and 4 of transcript AGAP011798-PA
JHU_Ag_10606	TIYHLYAYDEALK	AGAP011798-PA	-	72	8.35E-07	1	1599.810	2.81	Midgut	3L:-:33318290-33318252	exon=> In CDS Exon 7 of transcript AGAP011798-PA
JHU_Ag_12241	GCATASPELAK	AGAP011798-PA	C2(Carbamidomethyl)	44	0.000654596	2	1104.538	2.54	Malpighian tubule	3L:-:33318332-33318300	exon=> In CDS Exon 7 of transcript AGAP011798-PA
JHU_Ag_17215	GATLEEATNQTSIELAR	AGAP011798-PA	-	96	3.76E-09	1	1803.916	4.19	Malpighian tubule	3L:-:33318443-33318393	exon=> In CDS Exon 7 of transcript AGAP011798-PA
JHU_Ag_21974	GLETTATYDER	AGAP011798-PA	-	67	2.36E-06	1	1255.577	-2.73	Pupa	3L:-:33319795-33319763	exon=> In CDS Exon 3 of transcript AGAP011798-PA
JHU_Ag_22065	GATLEEATNQTSIELAR	AGAP011798-PA	-	53	9.22E-05	2	1803.908	-0.41	Midgut	3L:-:33318443-33318393	exon=> In CDS Exon 7 of transcript AGAP011798-PA
JHU_Ag_32301	FTTISESDINR	AGAP011798-PA	-	63	6.90E-06	2	1282.625	-1.95	Midgut	3L:-:33318157-33318125	exon=> In CDS Exon 8 of transcript AGAP011798-PA
JHU_Ag_33481	GLETTATYDER	AGAP011798-PA	-	71	8.70E-07	2	1255.579	-0.78	Midgut	3L:-:33319795-33319763	exon=> In CDS Exon 3 of transcript AGAP011798-PA
JHU_Ag_34846	FTTISESDINR	AGAP011798-PA	-	59	1.57E-05	2	1282.630	2.15	Head	3L:-:33318157-33318125	exon=> In CDS Exon 8 of transcript AGAP011798-PA
JHU_Ag_64125	QSHINPDQPEVQVIDHLTQQYK	AGAP011798-PA	-	78	2.48E-07	1	2617.298	-0.91	Head	3L:-:33319235-33319621,33318790-33319098	exon=> In CDS Exon 5 and 4 of transcript AGAP011798-PA
JHU_Ag_65574	LAAEHIEQR	AGAP011798-PA	-	62	7.73E-06	1	1066.563	-0.93	Midgut	3L:-:33318479-33318453	exon=> In CDS Exon 7 of transcript AGAP011798-PA
JHU_Ag_68284	LLEDGTFVKPPSQALTYGTMMFVR	AGAP011798-PA	M20(Oxidation), M21(Oxidation)	92	8.74E-09	1	2733.361	-0.76	Midgut	3L:-:33319385-33319314	exon=> In CDS Exon 4 of transcript AGAP011798-PA
JHU_Ag_72822	ALQTVAAGK	AGAP011798-PA	-	47	0.000295391	2	858.507	3.54	Malpighian tubule	3L:-:33318580-33318713,33318231-33318486	exon=> In CDS Exon 7 and 6 of transcript AGAP011798-PA
JHU_Ag_85796	FTTISESDINR	AGAP011798-PA	-	43	0.000773912	2	1282.628	0.15	Visceras	3L:-:33318157-33318125	exon=> In CDS Exon 8 of transcript AGAP011798-PA
JHU_Ag_89065	FTTISESDINR	AGAP011798-PA	-	40	0.001562037	1	1282.628	0.43	Pupa	3L:-:33318157-33318125	exon=> In CDS Exon 8 of transcript AGAP011798-PA
JHU_Ag_89462	GLETTATYDER	AGAP011798-PA	-	68	1.54E-06	1	1255.582	1.26	Malpighian tubule	3L:-:33319795-33319763	exon=> In CDS Exon 3 of transcript AGAP011798-PA

JHU_Ag_92905	FTTISESDINR	AGAP011798-PA	-	64	5.61E-06	1	1282.629	1.48	Malpighian tubule	3L:-:33318157-33318125	exon=> In CDS Exon 8 of transcript AGAP011798-PA
JHU_Ag_93281	AWNCEIIGTYAQTELGHGTFLR	AGAP011798-PA	C4(Carbamidomethyl)	51	0.000131073	1	2537.237	5.01	Visceras	3L:-:33319861-33319796	exon=> In CDS Exon 3 of transcript AGAP011798-PA
JHU_Ag_95012	LLEDGTFVKPPSQALTYGTMMFVR	AGAP011798-PA	M20(Oxidation), M21(Oxidation)	41	0.000936843	3	2733.380	6.21	Larva	3L:-:33319385-33319314	exon=> In CDS Exon 4 of transcript AGAP011798-PA
JHU_Ag_97867	AITTADAAAGVELCR	AGAP011798-PA	C14(Carbamidomethyl)	53	9.64E-05	2	1518.760	1.01	Midgut	3L:-:33318953-33318909	exon=> In CDS Exon 5 of transcript AGAP011798-PA
JHU_Ag_101572	QSHINPDQPEVQVIDHLTQQYK	AGAP011798-PA	-	48	0.000193131	1	2617.305	1.72	Midgut	3L:-:33319235-33319621,33318790-33319098	exon=> In CDS Exon 5 and 4 of transcript AGAP011798-PA
JHU_Ag_104611	GQELVPTVQYLAR	AGAP011798-PA	-	47	0.000231353	2	1473.806	-0.07	Midgut	3L:-:33318679-33318641	exon=> In CDS Exon 6 of transcript AGAP011798-PA
JHU_Ag_105392	EFVLHSPTLTAYK	AGAP011798-PA	-	33	0.006435411	1	1505.801	1.02	Midgut	3L:-:33319756-33319718	exon=> In CDS Exon 3 of transcript AGAP011798-PA
JHU_Ag_109970	GATLEEATNQTSIELAR	AGAP011798-PA	-	87	3.24E-08	1	1803.913	2.77	Pupa	3L:-:33318443-33318393	exon=> In CDS Exon 7 of transcript AGAP011798-PA
JHU_Ag_112560	ALQTVAAGKLR	AGAP011798-PA	-	51	3.05E-05	1	1127.693	2.74	Malpighian tubule	3L:-:33318580-33318713,33318231-33318480	exon=> In CDS Exon 7 and 6 of transcript AGAP011798-PA
JHU_Ag_113947	GQELVPTVQYLAR	AGAP011798-PA	-	41	0.000664948	2	1473.815	6.22	Malpighian tubule	3L:-:33318679-33318641	exon=> In CDS Exon 6 of transcript AGAP011798-PA
JHU_Ag_222	ILDWYVANTEQK	AGAP011800-PA	-	82	1.20E-07	1	1479.755	4.52	Larva	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_1897	LIALYEER	AGAP011800-PA	-	45	0.000410001	2	1006.557	0.3	Midgut	3L:-:33332192-33332169	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_3469	VSTEIDAR	AGAP011800-PA	-	57	4.38E-05	2	890.460	2.65	Larva	3L:-:33332258-33332235	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_3521	AGTTLDEQVSEAADMLFVLFGCEILK	AGAP011800-PA	M15(Oxidation), C22(Carbamidomethyl)	58	1.99E-05	1	2873.399	1.44	Ovary	3L:-:33332419-33332535,33331569-33332274	exon=> In CDS Exon 3 and 2 of transcript AGAP011800-PA
JHU_Ag_3718	QLTTIVADTGDFEAMK	AGAP011800-PA	-	92	1.18E-08	2	1739.860	4.62	Visceras	3L:-:33333296-33333359,33332412-33332528	exon=> In CDS Exon 2 and 1 of transcript AGAP011800-PA
JHU_Ag_6145	MQMDEATFR	AGAP011800-PA	M1(Oxidation), M3(Oxidation)	37	0.000459391	2	1160.470	-1.18	Male reproductive organs	3L:-:33331706-33331680	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_6631	LASTWEGIQAASVLEK	AGAP011800-PA	-	132	6.76E-13	2	1702.907	3.55	Head	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_7876	ILDWYVANTEQK	AGAP011800-PA	-	81	1.37E-07	2	1479.750	1.72	Midgut	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_10086	AFEPEQDPGVVSVTK	AGAP011800-PA	-	67	2.71E-06	1	1602.803	1.3	Visceras	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_11189	LASTWEGIQAASVLEK	AGAP011800-PA	-	113	4.79E-11	1	1702.911	5.98	Larva	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_15677	TVVMGASFR	AGAP011800-PA	M4(Oxidation)	46	0.000254707	2	983.498	-0.21	Midgut	3L:-:33331874-33331848	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_15741	LIALYEER	AGAP011800-PA	-	51	0.000102091	2	1006.557	-0.18	Male reproductive organs	3L:-:33332192-33332169	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_16408	QLTTIVADTGDFEAMK	AGAP011800-PA	M15(Oxidation)	90	1.61E-08	2	1755.856	5.18	Salivary gland	3L:-:33333296-33333359,33332412-33332528	exon=> In CDS Exon 2 and 1 of transcript AGAP011800-PA
JHU_Ag_17170	LASTWEGIQAASVLEK	AGAP011800-PA	-	122	7.26E-12	1	1702.904	1.76	Malpighian tubule	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_17948	ILDWYVANTEQK	AGAP011800-PA	-	84	7.61E-08	2	1479.752	2.79	Visceras	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA

JHU_Ag_19100	AFEPEQDPGVVSVTK	AGAP011800-PA	-	74	6.07E-07	1	1602.804	1.68	Salivary gland	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_19717	QLTTIVADTGDFEAMK	AGAP011800-PA	M15(Oxidation)	98	2.62E-09	2	1755.850	1.63	Malpighian tubule	3L:-:33333296-33333359,33332412-33332528	exon=> In CDS Exon 2 and 1 of transcript AGAP011800-PA
JHU_Ag_20034	MASSLEQLK	AGAP011800-PA	M1(Oxidation)	53	7.32E-05	1	1006.524	-0.26	Midgut	3L:-:33333323-33333297	exon=> In CDS Exon 1 of transcript AGAP011800-PA
JHU_Ag_20774	TVVMGASFR	AGAP011800-PA	M4(Oxidation)	69	1.04E-06	1	983.500	2.02	Larva	3L:-:33331874-33331848	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_25349	WMLNEDQMSTDKLSDGIR	AGAP011800-PA	M2(Oxidation),"M2(Oxidation), M8(Oxidation)"	84	5.03E-08	1	2154.983	1.63	Midgut	3L:-:33331679-33331626	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_25770	NVGEIMALAGCDLLTISPK	AGAP011800-PA	M6(Oxidation), C11(Carbamidomethyl)	95	4.73E-09	1	2018.040	4.92	Larva	3L:-:33331847-33331791	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_27122	NVGEIMALAGCDLLTISPK	AGAP011800-PA	M6(Oxidation), C11(Carbamidomethyl)	72	9.81E-07	2	2018.030	0.32	Male reproductive organs	3L:-:33331847-33331791	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_32560	YLDAEKAK	AGAP011800-PA	-	41	0.00084791	1	937.502	2.72	Malpighian tubule	3L:-:33331748-33331725	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_34907	TYKPTDATTNPSLILSAAGMEQYQHLIDK	AGAP011800-PA	M20(Oxidation)	109	1.28E-10	1	3222.608	2.81	Malpighian tubule	3L:-:33332527-33332441	exon=> In CDS Exon 2 of transcript AGAP011800-PA
JHU_Ag_38233	NVGEIMALAGCDLLTISPK	AGAP011800-PA	M6(Oxidation), C11(Carbamidomethyl)	124	6.41E-12	1	2018.029	-0.34	Ovary	3L:-:33331847-33331791	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_41092	MASSLEQLK	AGAP011800-PA	M1(Oxidation)	45	0.00040319	2	1022.520	1.49	Male reproductive organs	3L:-:33333323-33333297	exon=> In CDS Exon 1 of transcript AGAP011800-PA
JHU_Ag_44216	LIALYEER	AGAP011800-PA	-	57	2.69E-05	1	1006.556	-0.97	Ovary	3L:-:33332192-33332169	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_46113	MQMDEATFR	AGAP011800-PA	M1(Oxidation), M3(Oxidation)	48	3.15E-05	2	1160.471	-0.02	Midgut	3L:-:33331706-33331680	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_46999	ILDWYVANTEQK	AGAP011800-PA	-	92	1.25E-08	1	1479.748	0.15	Ovary	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_47536	MASSLEQLK	AGAP011800-PA	-	44	0.000554034	2	1006.524	0.34	Malpighian tubule	3L:-:33333323-33333297	exon=> In CDS Exon 1 of transcript AGAP011800-PA
JHU_Ag_48959	AFEPEQDPGVVSVTK	AGAP011800-PA	-	86	3.72E-08	1	1602.804	2.14	Malpighian tubule	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_48993	AFEPEQDPGVVSVTK	AGAP011800-PA	-	88	2.33E-08	1	1602.804	1.68	Pupa	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_49323	ILDWYVANTEQK	AGAP011800-PA	-	71	1.34E-06	2	1479.749	0.89	Male reproductive organs	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_50763	QLTTIVADTGDFEAMK	AGAP011800-PA	M15(Oxidation)	100	1.52E-09	2	1755.850	1.49	Head	3L:-:33333296-33333359,33332412-33332528	exon=> In CDS Exon 2 and 1 of transcript AGAP011800-PA
JHU_Ag_52529	TVVMGASFR	AGAP011800-PA	M4(Oxidation)	62	6.37E-06	1	983.497	-0.71	Ovary	3L:-:33331874-33331848	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_53165	AFEPEQDPGVVSVTK	AGAP011800-PA	-	75	4.69E-07	2	1602.805	2.29	Head	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_55828	TYKPTDATTNPSLILSAAGMEQYQHLIDK	AGAP011800-PA	M20(Oxidation)	172	6.79E-17	1	3206.610	1.88	Pupa	3L:-:33332527-33332441	exon=> In CDS Exon 2 of transcript AGAP011800-PA
JHU_Ag_57218	NVGEIMALAGCDLLTISPK	AGAP011800-PA	M6(Oxidation), C11(Carbamidomethyl)	49	0.000196011	2	2018.032	0.93	Pupa	3L:-:33331847-33331791	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_60343	LSFNKEASVAK	AGAP011800-PA	-	81	7.67E-08	1	1193.654	1.22	Malpighian tubule	3L:-:33332234-33332202	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_61687	VSTEIDAR	AGAP011800-PA	-	57	4.35E-05	2	890.458	0.53	Visceras	3L:-:33332258-33332235	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_63452	TYKPTDATTNPSLILSAAGMEQYQHLIDK	AGAP011800-PA	M20(Oxidation)	178	1.94E-17	1	3206.604	0.06	Midgut	3L:-:33332527-33332441	exon=> In CDS Exon 2 of transcript AGAP011800-PA

JHU_Ag_64737	AFEPEQDPGVVSVTK	AGAP011800-PA	-	79	2.00E-07	1	1602.802	0.69	Male reproductive organs	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_69948	TVVMGASFR	AGAP011800-PA	M4(Oxidation)	46	0.000236514	2	983.498	0.22	Pupa	3L:-:33331874-33331848	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_71115	MQMDEATFR	AGAP011800-PA	-	53	2.08E-05	1	1128.481	-0.27	Pupa	3L:-:33331706-33331680	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_73343	LASTWEGIQAASVLEK	AGAP011800-PA	-	132	7.85E-13	2	1702.901	0.18	Midgut	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_75869	AGTTLDEQVSEAADMLFVLFGCEILK	AGAP011800-PA	M15(Oxidation), C22(Carbamidomethyl),C22(Carbamidomethyl)	98	2.31E-09	1	2857.399	-0.44	Midgut	3L:-:33332419-33332535,33331569-33332274	exon=> In CDS Exon 3 and 2 of transcript AGAP011800-PA
JHU_Ag_76517	QLTTIVADTGDFEAMK	AGAP011800-PA	M15(Oxidation)	128	2.71E-12	1	1755.851	2.19	Ovary	3L:-:33333296-33333359,33332412-33332528	exon=> In CDS Exon 2 and 1 of transcript AGAP011800-PA
JHU_Ag_76824	TYKPTDATTNPSLILSAAGMEQYQHLIDK	AGAP011800-PA	M20(Oxidation)	161	8.32E-16	1	3222.604	1.56	Ovary	3L:-:33332527-33332441	exon=> In CDS Exon 2 of transcript AGAP011800-PA
JHU_Ag_77285	MASSLEQLK	AGAP011800-PA	M1(Oxidation)	52	7.23E-05	1	1022.518	-1.02	Ovary	3L:-:33333323-33333297	exon=> In CDS Exon 1 of transcript AGAP011800-PA
JHU_Ag_77486	LASTWEGIQAASVLEK	AGAP011800-PA	-	110	1.40E-10	1	1702.904	1.61	Pupa	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_78656	VSTEIDAR	AGAP011800-PA	-	39	0.002632465	2	890.460	2.86	Malpighian tubule	3L:-:33332258-33332235	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_79030	LASTWEGIQAASVLEK	AGAP011800-PA	-	108	1.91E-10	2	1702.905	2.54	Visceras	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_82570	MQMDEATFR	AGAP011800-PA	M1(Oxidation), M3(Oxidation)	45	6.53E-05	2	1160.474	2.61	Larva	3L:-:33331706-33331680	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_83393	LASTWEGIQAASVLEK	AGAP011800-PA	-	58	2.13E-05	2	1702.903	1.18	Male reproductive organs	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_84365	MQMDEATFR	AGAP011800-PA	M1(Oxidation), M3(Oxidation)	57	4.54E-06	1	1160.469	-2.12	Ovary	3L:-:33331706-33331680	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_84494	VSTEIDAR	AGAP011800-PA	-	48	0.000332085	2	890.458	0.66	Salivary gland	3L:-:33332258-33332235	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_85148	TYKPTDATTNPSLILSAAGMEQYQHLIDK	AGAP011800-PA	M20(Oxidation),"M20(Oxidation), Q22(Deamidated)","M20(Oxidation), Q24(Deamidated)"	73	5.48E-07	1	3222.601	0.65	Head	3L:-:33332527-33332441	exon=> In CDS Exon 2 of transcript AGAP011800-PA
JHU_Ag_86288	LASTWEGIQAASVLEK	AGAP011800-PA	-	116	3.30E-11	1	1702.902	0.61	Ovary	3L:-:33332138-33332091	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_86603	LIALYEER	AGAP011800-PA	-	41	0.000906413	1	1006.558	1.09	Pupa	3L:-:33332192-33332169	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_87775	MQMDEATFR	AGAP011800-PA	M1(Oxidation)	59	6.63E-06	1	1128.482	1.03	Malpighian tubule	3L:-:33331706-33331680	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_88210	NVGEIMALAGCDLLTISPK	AGAP011800-PA	C11(Carbamidomethyl),"M6(Oxidation), C11(Carbamidomethyl)"	91	1.23E-08	2	2002.034	-0.32	Midgut	3L:-:33331847-33331791	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_88442	ILDWYVANTEQK	AGAP011800-PA	-	94	7.60E-09	1	1479.748	-0.01	Pupa	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_89761	ILDWYVANTEQK	AGAP011800-PA	-	87	3.75E-08	1	1479.750	1.47	Salivary gland	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_89991	AFEPEQDPGVVSVTK	AGAP011800-PA	-	69	1.93E-06	2	1602.809	4.96	Larva	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_91264	AFEPEQDPGVVSVTK	AGAP011800-PA	-	80	1.51E-07	1	1602.807	3.51	Midgut	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA

JHU_Ag_94800	AFEPEQDPGVVSVTK	AGAP011800-PA	-	80	1.51E-07	1	1602.802	0.31	Ovary	3L:-:33331952-33331908	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_95994	LIALYEER	AGAP011800-PA	-	44	0.000368927	2	1006.559	1.82	Visceras	3L:-:33332192-33332169	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_96558	LSFNKEASVAK	AGAP011800-PA	-	57	2.15E-05	1	1193.651	-1.44	Pupa	3L:-:33332234-33332202	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_97105	LIALYEER	AGAP011800-PA	-	39	0.001500956	1	1006.558	0.97	Malpighian tubule	3L:-:33332192-33332169	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_99444	KLETMLR	AGAP011800-PA	M5(Oxidation)	33	0.00439262	2	906.510	2.8	Larva	3L:-:33331604-33331584	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_99528	LETMLR	AGAP011800-PA	M4(Oxidation)	44	0.000512359	2	778.415	2.47	Larva	3L:-:33331601-33331584	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_102614	VSTEIDAR	AGAP011800-PA	-	41	0.001858866	2	890.458	0.11	Midgut	3L:-:33332258-33332235	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_103131	WMLNEDQMSTDK	AGAP011800-PA	M2(Oxidation),M8(Oxidation),"M2(Oxidation), M8(Oxidation)"	86	1.02E-08	1	1513.630	-0.18	Midgut	3L:-:33331679-33331644	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_104777	AKEVPLEK	AGAP011800-PA	-	32	0.003235961	1	913.543	8.71	Malpighian tubule	3L:-:33331730-33331707	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_106800	TVVMGASFR	AGAP011800-PA	-	37	0.001874995	2	967.504	1.41	Visceras	3L:-:33331874-33331848	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_106829	ILDWYVANTEQK	AGAP011800-PA	-	63	8.07E-06	2	1479.745	-1.99	Head	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_107047	ILDWYVANTEQK	AGAP011800-PA	-	84	6.02E-08	1	1479.753	3.62	Malpighian tubule	3L:-:33331988-33331953	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_108229	VSTEIDAR	AGAP011800-PA	-	46	0.000598753	2	890.459	1.35	Ovary	3L:-:33332258-33332235	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_111418	TYKPTDATTNPSLILSAAGMEQYQHLIDKAIK	AGAP011800-PA	-	87	1.14E-08	1	3518.836	4.62	Malpighian tubule	3L:-:33332527-33332432	exon=> In CDS Exon 2 of transcript AGAP011800-PA
JHU_Ag_111994	LIALYEER	AGAP011800-PA	-	48	0.000172102	2	1006.557	0.12	Salivary gland	3L:-:33332192-33332169	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_112077	NVGEIMALAGCDLLTISPK	AGAP011800-PA	C11(Carbamidomethyl),"M6(Oxidation), C11(Carbamidomethyl)"	115	4.96E-11	1	2018.036	3.17	Malpighian tubule	3L:-:33331847-33331791	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_117101	NVGEIMALAGCDLLTISPK	AGAP011800-PA	C11(Carbamidomethyl),"M6(Oxidation), C11(Carbamidomethyl)"	74	5.77E-07	2	2002.041	3.03	Salivary gland	3L:-:33331847-33331791	exon=> In CDS Exon 3 of transcript AGAP011800-PA
JHU_Ag_71344	LVPGR	AGAP011800-PA,AGAP002030-PA	-	24	0.003854784	1	541.346	-0.32	Midgut	3L:-:33332273-33332259;2R:+:14089967-14089981	exon=> In CDS Exon 3 of transcript AGAP011800-PA;exon=> In CDS Exon 4 of transcript AGAP002030-PA
JHU_Ag_20086	RLEEAIQQLELSAGR	AGAP011801-PA	-	68	1.05E-06	2	1712.935	3.74	Malpighian tubule	3L:+:33337709-33337753	exon=> In CDS Exon 5 of transcript AGAP011801-PA
JHU_Ag_55667	RLEEAIQQLELSAGR	AGAP011801-PA	-	73	3.67E-07	2	1712.933	2.17	Head	3L:+:33337709-33337753	exon=> In CDS Exon 5 of transcript AGAP011801-PA
JHU_Ag_102438	DSTDAADPEAPLDR	AGAP011801-PA	-	99	8.65E-10	1	1472.652	1.6	Head	3L:+:33336284-33336325	exon=> In CDS Exon 3 of transcript AGAP011801-PA
JHU_Ag_105959	MDDIDNIILHSLR	AGAP011801-PA	N-Term(Acetyl),M1(Oxidation)	71	1.21E-06	1	1612.805	3	Malpighian tubule	3L:+:33335818-33335856	exon=> In CDS Exon 1 of transcript AGAP011801-PA
JHU_Ag_8917	QNRPIPQWIR	AGAP011802-PA	-	50	5.39E-05	1	1307.734	0.68	Visceras	3L:-:33338425-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_9629	TGNTIRYNAK	AGAP011802-PA	-	66	3.11E-06	1	1137.604	2.89	Malpighian tubule	3L:-:33338389-33338476,33338199-33338235	exon=> In CDS Exon 3 and 2 of transcript AGAP011802-PA

JHU_Ag_26136	QNRPIPQWIR	AGAP011802-PA	-	46	0.000164769	1	1307.736	1.98	Midgut	3L:-:33338425-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_42857	LKQNRPIPQWIR	AGAP011802-PA	-	27	0.00328346	1	1548.912	-0.13	Pupa	3L:-:33338431-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_43414	QNRPIPQWIR	AGAP011802-PA	-	36	0.001549993	1	1307.736	2.39	Larva	3L:-:33338425-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_49356	QNRPIPQWIR	AGAP011802-PA	-	46	0.000172127	1	1307.732	-0.82	Ovary	3L:-:33338425-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_57500	LKQNRPIPQWIR	AGAP011802-PA	-	40	0.00015537	1	1548.914	1.23	Midgut	3L:-:33338431-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_64830	QNRPIPQWIR	AGAP011802-PA	-	50	6.26E-05	1	1307.737	2.74	Head	3L:-:33338425-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_65230	LKQNRPIPQWIR	AGAP011802-PA	-	63	7.61E-07	1	1548.914	0.94	Malpighian tubule	3L:-:33338431-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_114222	QNRPIPQWIR	AGAP011802-PA	-	42	0.000429413	1	1307.735	1.61	Pupa	3L:-:33338425-33338396	exon=> In CDS Exon 2 of transcript AGAP011802-PA
JHU_Ag_6587	APDAEHFDDLAPAEQGAGEAGEGQK	AGAP011803-PA	-	58	1.42E-05	3	2510.110	1.32	Salivary gland	3L:+:33339429-33339503	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_11174	INLDTLYYDLEQR	AGAP011803-PA	-	64	5.90E-06	2	1655.830	1.62	Pupa	3L:+:33338997-33339035	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_14665	ISAIDIDIYANK	AGAP011803-PA	-	61	9.29E-06	2	1335.712	-2.47	Salivary gland	3L:+:33339054-33339089	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_18818	LVDESHVEEVADLLYK	AGAP011803-PA	-	99	1.63E-09	1	1858.947	1.92	Ovary	3L:+:33339090-33339137	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_20752	LTEETSSTLDSTHHALVR	AGAP011803-PA	-	71	1.33E-06	1	1996.994	0.07	Midgut	3L:+:33339144-33339197	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_27323	APDAEHFDDLAPAEQGAGEAGEGQK	AGAP011803-PA	-	50	8.09E-05	1	2510.106	-0.14	Pupa	3L:+:33339429-33339503	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_30151	INLDTLYYDLEQR	AGAP011803-PA	-	89	2.02E-08	2	1655.831	2.21	Midgut	3L:+:33338997-33339035	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_30432	LYTEWCNLR	AGAP011803-PA	C6(Carbamidomethyl)	35	0.004290806	2	1254.593	-0.72	Midgut	3L:+:33340019-33340045	exon=> In CDS Exon 2 of transcript AGAP011803-PA
JHU_Ag_30545	APDAEHFDDLAPAEQGAGEAGEGQK	AGAP011803-PA	-	50	9.31E-05	1	2510.108	0.52	Midgut	3L:+:33339429-33339503	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_33231	INLDTLYYDLEQR	AGAP011803-PA	-	70	1.67E-06	2	1655.830	1.62	Ovary	3L:+:33338997-33339035	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_40758	VATLLALQEDFSNPITK	AGAP011803-PA	-	53	3.72E-05	2	1860.022	5.71	Larva	3L:+:33339342-33339392	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_46054	NEYFDDHFDLTDSQLLLGK	AGAP011803-PA	-	73	7.95E-07	1	2270.065	1.83	Ovary	3L:+:33339549-33339605	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_52124	VATLLALQEDFSNPITK	AGAP011803-PA	-	69	8.65E-07	2	1860.017	2.83	Salivary gland	3L:+:33339342-33339392	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_52738	APDAEHFDDLAPAEQGAGEAGEGQK	AGAP011803-PA	-	93	4.44E-09	1	2510.113	2.49	Malpighian tubule	3L:+:33339429-33339503	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_76174	LVDESHVEEVADLLYK	AGAP011803-PA	-	60	1.36E-05	1	1858.946	1.63	Midgut	3L:+:33339090-33339137	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_86349	LTEETSSTLDSTHHALVR	AGAP011803-PA	-	65	5.08E-06	1	1996.991	-1.31	Head	3L:+:33339144-33339197	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_94483	APDAEHFDDLAPAEQGAGEAGEGQK	AGAP011803-PA	-	46	0.000236171	3	2510.117	4.24	Head	3L:+:33339429-33339503	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_95389	VATLLALQEDFSNPITK	AGAP011803-PA	-	67	1.54E-06	2	1860.013	1.05	Pupa	3L:+:33339342-33339392	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_98157	ISAIDIDIYANK	AGAP011803-PA	-	70	9.99E-07	2	1335.715	-0.1	Midgut	3L:+:33339054-33339089	exon=> In CDS Exon 1 of transcript AGAP011803-PA
JHU_Ag_113497	VATLLALQEDFSNPITK	AGAP011803-PA	-	118	1.30E-11	1	1860.013	0.99	Midgut	3L:+:33339342-33339392	exon=> In CDS Exon 1 of transcript AGAP011803-PA

JHU_Ag_17716	VTALNLEHPAVLSFYPYK	AGAP011804-PA	-	86	1.70E-08	1	2062.103	1.04	Ovary	3L:+:33342727-33342780	exon=> In CDS Exon 2 of transcript AGAP011804-PA
JHU_Ag_81041	VMAQFNRPDEETGTAPSPLAELFGNR	AGAP011804-PA	M2(Oxidation)	33	0.006938568	1	2863.377	2.96	Ovary	3L:+:33341707-33341784	exon=> In CDS Exon 1 of transcript AGAP011804-PA
JHU_Ag_98254	IGEIDYNDINK	AGAP011810-PA	-	54	6.05E-05	1	1293.632	-0.13	Salivary gland	3L:-:33477860-33477828	exon=> In CDS Exon 4 of transcript AGAP011810-PA
JHU_Ag_1462	AVLITGCESPLAR	AGAP011811-PA	C7(Carbamidomethyl)	84	5.17E-08	1	1386.743	1.75	Head	3L:-:33501433-33501395	exon=> In CDS Exon 1 of transcript AGAP011811-PA
JHU_Ag_3029	IVFLSSALAHLPSPVR	AGAP011811-PA	-	99	2.10E-10	1	1706.996	0.65	Pupa	3L:-:33497744-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_13942	YLDDLGFTVFGAFK	AGAP011811-PA	-	82	9.14E-08	2	1592.801	1.01	Midgut	3L:-:33501382-33501341	exon=> In CDS Exon 1 of transcript AGAP011811-PA
JHU_Ag_17244	LTQIMLPLIR	AGAP011811-PA	-	24	0.003133935	2	1197.738	-0.43	Visceras	3L:-:33497789-33497760	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_20987	LTQIMLPLIR	AGAP011811-PA	-	51	6.45E-06	1	1197.739	-0.12	Head	3L:-:33497789-33497760	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_23285	SLEPFCYGDGDFQATVR	AGAP011811-PA	C6(Carbamidomethyl)	85	3.23E-08	2	1961.874	2.32	Head	3L:-:33497465-33497800,33497216-33497348	exon=> In CDS Exon 4 and 3 of transcript AGAP011811-PA
JHU_Ag_26666	LTQIMLPLIR	AGAP011811-PA	-	51	6.27E-06	1	1197.739	0.49	Midgut	3L:-:33497789-33497760	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_31073	GVLCATQAAIEGLAVCLRK	AGAP011811-PA	C4(Carbamidomethyl), C16(Carbamidomethyl)	52	5.42E-05	1	2030.097	4.07	Malpighian tubule	3L:-:33497696-33497640	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_35461	SLEPFCYGDGDFQATVR	AGAP011811-PA	C6(Carbamidomethyl)	87	2.27E-08	2	1961.876	3.19	Malpighian tubule	3L:-:33497465-33497800,33497216-33497348	exon=> In CDS Exon 4 and 3 of transcript AGAP011811-PA
JHU_Ag_40687	AVLITGCESPLAR	AGAP011811-PA	C7(Carbamidomethyl)	80	1.39E-07	1	1386.742	0.34	Ovary	3L:-:33501433-33501395	exon=> In CDS Exon 1 of transcript AGAP011811-PA
JHU_Ag_44379	YLDDLGFTVFGAFKK	AGAP011811-PA	-	72	7.57E-07	1	1720.906	6.61	Malpighian tubule	3L:-:33501382-33501338	exon=> In CDS Exon 1 of transcript AGAP011811-PA
JHU_Ag_48375	NTYGEDYFEQAIR	AGAP011811-PA	-	87	1.68E-08	1	1605.716	-1.19	Midgut	3L:-:33497504-33497466	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_48469	LTQIMLPLIR	AGAP011811-PA	M5(Oxidation)	52	1.91E-05	1	1213.734	0.45	Ovary	3L:-:33497789-33497760	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_54165	TMWSLLSDEQK	AGAP011811-PA	-	60	1.47E-05	2	1337.643	1.39	Head	3L:-:33497537-33497505	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_65671	IVFLSSALAHLPSPVR	AGAP011811-PA	-	111	1.21E-11	1	1707.000	2.94	Head	3L:-:33497744-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_65777	GRIVFLSSALAHLPSPVR	AGAP011811-PA	-	57	2.66E-06	1	1920.120	1.25	Head	3L:-:33497750-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_67952	IVFLSSALAHLPSPVR	AGAP011811-PA	-	27	0.00382184	1	1706.996	0.5	Male reproductive organs	3L:-:33497744-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_69548	SLEPFCYGDGDFQATVR	AGAP011811-PA	C6(Carbamidomethyl)	81	7.31E-08	2	1961.873	1.82	Visceras	3L:-:33497465-33497800,33497216-33497348	exon=> In CDS Exon 4 and 3 of transcript AGAP011811-PA
JHU_Ag_72439	AVLITGCESPLAR	AGAP011811-PA	C7(Carbamidomethyl)	37	0.002329088	1	1386.737	-2.66	Midgut	3L:-:33501433-33501395	exon=> In CDS Exon 1 of transcript AGAP011811-PA
JHU_Ag_85906	IVFLSSALAHLPSPVR	AGAP011811-PA	-	94	7.47E-10	1	1706.994	-0.9	Ovary	3L:-:33497744-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_90763	NTYGEDYFEQAIR	AGAP011811-PA	-	100	7.80E-10	1	1605.718	0.1	Ovary	3L:-:33497504-33497466	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_93934	IVFLSSALAHLPSPVR	AGAP011811-PA	-	113	9.18E-12	1	1706.993	-1.36	Midgut	3L:-:33497744-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_95536	LQDNDDATALKESSSGR	AGAP011811-PA	-	90	1.35E-08	1	1806.852	3.23	Malpighian tubule	3L:-:33501337-33501287	exon=> In CDS Exon 1 of transcript AGAP011811-PA

JHU_Ag_97289	TMWSLLSDEQKNTYGEDYFEQAIR	AGAP011811-PA	M2(Oxidation)	85	3.91E-08	1	2940.345	3.01	Malpighian tubule	3L:-:33497537-33497466	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_101433	IVFLSSALAHLPSPVR	AGAP011811-PA	-	64	6.41E-07	2	1707.005	5.87	Malpighian tubule	3L:-:33497744-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_110306	NTYGEDYFEQAIR	AGAP011811-PA	-	43	0.000478396	2	1605.722	2.46	Visceras	3L:-:33497504-33497466	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_111336	NTYGEDYFEQAIR	AGAP011811-PA	-	98	1.50E-09	1	1605.720	0.94	Head	3L:-:33497504-33497466	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_113689	IVFLSSALAHLPSPVR	AGAP011811-PA	-	91	1.32E-09	1	1707.003	4.37	Visceras	3L:-:33497744-33497697	exon=> In CDS Exon 3 of transcript AGAP011811-PA
JHU_Ag_15348	YEGNEELADKSACAGVR	AGAP011820-PA	C13(Carbamidomethyl)	89	1.52E-08	1	1868.849	2.51	Malpighian tubule	3L:-:33822597-33822547	exon=> In CDS Exon 1 of transcript AGAP011820-PA
JHU_Ag_53108	VVEDTKLFEEGVLGK	AGAP011822-PA	-	38	0.001662691	1	1662.903	4.64	Malpighian tubule	3L:-:33827508-33827464	exon=> In CDS Exon 6 of transcript AGAP011822-PA
JHU_Ag_61392	LLQGLASLCK	AGAP011822-PA	C9(Carbamidomethyl)	59	1.20E-05	2	1102.633	3.88	Malpighian tubule	3L:-:33825708-33825679	exon=> In CDS Exon 7 of transcript AGAP011822-PA
JHU_Ag_86875	QSSATAGSSEATSMETEDVADKPGTSKR	AGAP011822-PA	M14(Oxidation)	36	0.002566108	1	2844.302	7.66	Malpighian tubule	3L:-:33830181-33830098	exon=> In CDS Exon 5 of transcript AGAP011822-PA
JHU_Ag_102596	ILMLVLPLLGEIK	AGAP011822-PA	M3(Oxidation)	31	0.000178624	1	1467.926	2.46	Ovary	3L:-:33831173-33831135	exon=> In CDS Exon 4 of transcript AGAP011822-PA
JHU_Ag_110581	LGAAFGLQSISK	AGAP011822-PA	-	72	4.51E-07	2	1191.677	2.97	Salivary gland	3L:-:33827262-33827227	exon=> In CDS Exon 7 of transcript AGAP011822-PA
JHU_Ag_195	VLAHSVDDLK	AGAP011824-PA	-	66	2.74E-06	1	1096.599	-0.42	Visceras	3L:-:33861451-33861422	exon=> In CDS Exon 2 of transcript AGAP011824-PA
JHU_Ag_641	ALFIISPDKR	AGAP011824-PA	-	52	3.45E-05	1	1159.682	-1.19	Midgut	3L:-:33861186-33861157	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_1654	SYCPDIIGNFPYPIIADPSR	AGAP011824-PA	C3(Carbamidomethyl)	88	2.23E-08	1	2295.115	1.53	Visceras	3L:-:33861318-33861259	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_1909	ALFIISPDKR	AGAP011824-PA	-	40	0.000475302	1	1159.683	0.01	Visceras	3L:-:33861186-33861157	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_2325	ALFIISPDKR	AGAP011824-PA	-	56	1.32E-05	2	1159.685	1.55	Salivary gland	3L:-:33861186-33861157	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_3918	VIDSLQLTDR	AGAP011824-PA	-	66	4.66E-06	2	1159.632	-0.02	Salivary gland	3L:-:33861017-33860988	exon=> In CDS Exon 4 of transcript AGAP011824-PA
JHU_Ag_7780	RIGATIPNFQADSTK	AGAP011824-PA	-	55	3.70E-05	1	1618.856	0.43	Midgut	3L:-:33861713-33861669	exon=> In CDS Exon 1 of transcript AGAP011824-PA
JHU_Ag_12526	ALFIISPDKR	AGAP011824-PA	-	45	0.000141 57	1	1159.684	0.5	Male reproductive organs	3L:-:33861186-33861157	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_15423	IGATIPNFQADSTK	AGAP011824-PA	-	87	2.77E-08	1	1462.753	-0.16	Midgut	3L:-:33861710-33861669	exon=> In CDS Exon 1 of transcript AGAP011824-PA
JHU_Ag_15459	CHVDWVNDIK	AGAP011824-PA	C1(Carbamidomethyl)	54	3.86E-05	2	1285.597	-1.73	Head	3L:-:33861421-33861557,33861110-33861319	exon=> In CDS Exon 3 and 2 of transcript AGAP011824-PA
JHU_Ag_17579	VIATPANWTPGTK	AGAP011824-PA	-	57	2.25E-05	2	1355.733	0.73	Male reproductive organs	3L:-:33860981-33861030,33860711-33860831	exon=> In CDS Exon 5 and 4 of transcript AGAP011824-PA
JHU_Ag_18125	VIDSLQLTDRLK	AGAP011824-PA	-	87	8.58E-09	1	1400.815	2.63	Malpighian tubule	3L:-:33861017-33860982	exon=> In CDS Exon 4 of transcript AGAP011824-PA
JHU_Ag_20523	IAVHQEHFEKR	AGAP011824-PA	-	53	5.64E-05	1	1393.736	1.93	Malpighian tubule	3L:-:33861493-33861461	exon=> In CDS Exon 2 of transcript AGAP011824-PA
JHU_Ag_21938	IGATIPNFQADSTK	AGAP011824-PA	-	77	3.11E-07	1	1462.752	-1	Head	3L:-:33861710-33861669	exon=> In CDS Exon 1 of transcript AGAP011824-PA
JHU_Ag_22782	VIATPANWTPGTK	AGAP011824-PA	-	85	2.84E-08	1	1355.732	-0.17	Salivary gland	3L:-:33860981-33861030,33860711-33860831	exon=> In CDS Exon 5 and 4 of transcript AGAP011824-PA

JHU_Ag_23214	VMILPSVSEEDADK	AGAP011824-PA	M2(Oxidation)	70	1.91E-06	2	1532.755	2.26	Head	3L:-:33860830-33860789	exon=> In CDS Exon 5 of transcript AGAP011824-PA
JHU_Ag_23702	VMILPSVSEEDADKLFPNGIER	AGAP011824-PA	M2(Oxidation)	64	5.70E-06	1	2475.258	5.91	Malpighian tubule	3L:-:33860830-33860765	exon=> In CDS Exon 5 of transcript AGAP011824-PA
JHU_Ag_23974	IGATIPNFQADSTK	AGAP011824-PA	-	55	4.55E-05	2	1462.757	2.34	Malpighian tubule	3L:-:33861710-33861669	exon=> In CDS Exon 1 of transcript AGAP011824-PA
JHU_Ag_24040	IAVHQEHFEKR	AGAP011824-PA	-	59	1.44E-05	1	1393.733	-0.62	Midgut	3L:-:33861493-33861461	exon=> In CDS Exon 2 of transcript AGAP011824-PA
JHU_Ag_24879	IAVHQEHFEK	AGAP011824-PA	-	76	4.25E-07	1	1237.626	-4.89	Head	3L:-:33861493-33861464	exon=> In CDS Exon 2 of transcript AGAP011824-PA
JHU_Ag_24915	SYCPDIIGNFPYPIIADPSR	AGAP011824-PA	C3(Carbamidomethyl)	134	6.28E-13	1	2295.115	1.53	Salivary gland	3L:-:33861318-33861259	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_25652	IGATIPNFQADSTK	AGAP011824-PA	-	44	0.000508832	1	1462.755	0.76	Male reproductive organs	3L:-:33861710-33861669	exon=> In CDS Exon 1 of transcript AGAP011824-PA
JHU_Ag_33075	CHVDWVNDIK	AGAP011824-PA	C1(Carbamidomethyl)	77	2.09E-07	1	1285.599	-0.11	Midgut	3L:-:33861421-33861557,33861110-33861319	exon=> In CDS Exon 3 and 2 of transcript AGAP011824-PA
JHU_Ag_33107	VMILPSVSEEDADKLFPNGIER	AGAP011824-PA	M2(Oxidation),"M2(Oxidation), N18(Deamidated)"	66	3.90E-06	1	2475.243	-0.2	Midgut	3L:-:33860830-33860765	exon=> In CDS Exon 5 of transcript AGAP011824-PA
JHU_Ag_35180	LTMHYPTSTGR	AGAP011824-PA	M3(Oxidation)	44	0.000571834	1	1279.607	-2.16	Midgut	3L:-:33861150-33861118	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_38905	SYCPDIIGNFPYPIIADPSR	AGAP011824-PA	C3(Carbamidomethyl)	70	1.64E-06	2	2295.124	5.36	Pupa	3L:-:33861318-33861259	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_45565	DNVELAQTVR	AGAP011824-PA	-	46	0.000332095	1	1144.596	0.4	Midgut	3L:-:33861216-33861187	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_48492	IGATIPNFQADSTK	AGAP011824-PA	-	54	5.33E-05	1	1462.756	1.67	Salivary gland	3L:-:33861710-33861669	exon=> In CDS Exon 1 of transcript AGAP011824-PA
JHU_Ag_50353	DKDNVELAQTVR	AGAP011824-PA	-	92	1.07E-08	1	1387.717	-0.49	Head	3L:-:33861222-33861187	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_57527	SYCPDIIGNFPYPIIADPSR	AGAP011824-PA	C3(Carbamidomethyl)	86	3.32E-08	1	2295.108	-1.66	Head	3L:-:33861318-33861259	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_59379	ALFIISPDK	AGAP011824-PA	-	39	0.000953458	1	1003.581	-1.56	Head	3L:-:33861186-33861160	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_59401	ALFIISPDKR	AGAP011824-PA	-	41	0.000388814	3	1159.685	1.75	Malpighian tubule	3L:-:33861186-33861157	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_60212	VIATPANWTPGTK	AGAP011824-PA	-	89	1.44E-08	1	1355.733	1.18	Pupa	3L:-:33860981-33861030,33860711-33860831	exon=> In CDS Exon 5 and 4 of transcript AGAP011824-PA
JHU_Ag_60976	VIDSLQLTDR	AGAP011824-PA	-	49	0.000236394	1	1159.633	1.21	Visceras	3L:-:33861017-33860988	exon=> In CDS Exon 4 of transcript AGAP011824-PA
JHU_Ag_61047	VSMPSGNVYVR	AGAP011824-PA	-	54	6.18E-05	1	1208.609	0.02	Salivary gland	3L:-:33860764-33860732	exon=> In CDS Exon 5 of transcript AGAP011824-PA
JHU_Ag_63220	VIDSLQLTDR	AGAP011824-PA	-	41	0.001304066	2	1159.633	0.93	Male reproductive organs	3L:-:33861017-33860988	exon=> In CDS Exon 4 of transcript AGAP011824-PA
JHU_Ag_63856	DNVELAQTVR	AGAP011824-PA	-	50	0.000142982	2	1144.598	2.15	Head	3L:-:33861216-33861187	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_68086	LTMHYPTSTGR	AGAP011824-PA	M3(Oxidation)	51	0.000121311	1	1279.610	0.31	Head	3L:-:33861150-33861118	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_70643	CHVDWVNDIK	AGAP011824-PA	C1(Carbamidomethyl)	52	5.43E-05	1	1285.583	-12.55	Malpighian tubule	3L:-:33861421-33861557,33861110-33861319	exon=> In CDS Exon 3 and 2 of transcript AGAP011824-PA
JHU_Ag_73062	NVDEILR	AGAP011824-PA	-	35	0.006322322	1	858.467	-0.69	Head	3L:-:33861117-33861327,33860955-33861018	exon=> In CDS Exon 4 and 3 of transcript AGAP011824-PA

JHU_Ag_75480	VLAHSVDDLK	AGAP011824-PA	-	54	3.82E-05	1	1096.599	-0.42	Midgut	3L:-:33861451-33861422	exon=> In CDS Exon 2 of transcript AGAP011824-PA
JHU_Ag_75580	DKDNVELAQTVR	AGAP011824-PA	-	44	0.000661746	2	1387.720	1.53	Pupa	3L:-:33861222-33861187	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_77913	VMILPSVSEEDADKLFPNGIER	AGAP011824-PA	M2(Oxidation)	44	0.000564765	1	2475.246	0.88	Head	3L:-:33860830-33860765	exon=> In CDS Exon 5 of transcript AGAP011824-PA
JHU_Ag_78350	NVDEILR	AGAP011824-PA	-	43	0.001008966	1	858.469	0.94	Visceras	3L:-:33861117-33861327,33860955-33861018	exon=> In CDS Exon 4 and 3 of transcript AGAP011824-PA
JHU_Ag_81160	ALFIISPDKR	AGAP011824-PA	-	59	6.88E-06	2	1159.685	1.02	Pupa	3L:-:33861186-33861157	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_83458	SYCPDIIGNFPYPIIADPSR	AGAP011824-PA	C3(Carbamidomethyl)	51	0.000117244	2	2295.122	4.73	Malpighian tubule	3L:-:33861318-33861259	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_84885	VIATPANWTPGTK	AGAP011824-PA	-	45	0.000326233	2	1355.731	-0.98	Head	3L:-:33860981-33861030,33860711-33860831	exon=> In CDS Exon 5 and 4 of transcript AGAP011824-PA
JHU_Ag_87449	SYCPDIIGNFPYPIIADPSR	AGAP011824-PA	C3(Carbamidomethyl)	80	1.53E-07	2	2295.104	-3.46	Midgut	3L:-:33861318-33861259	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_90036	VIDSLQLTDR	AGAP011824-PA	-	55	6.23E-05	1	1159.630	-1.43	Head	3L:-:33861017-33860988	exon=> In CDS Exon 4 of transcript AGAP011824-PA
JHU_Ag_91689	IAVHQEHFEK	AGAP011824-PA	-	68	2.33E-06	1	1237.635	1.82	Midgut	3L:-:33861493-33861464	exon=> In CDS Exon 2 of transcript AGAP011824-PA
JHU_Ag_95691	VIATPANWTPGTK	AGAP011824-PA	-	97	2.13E-09	1	1355.735	2.35	Malpighian tubule	3L:-:33860981-33861030,33860711-33860831	exon=> In CDS Exon 5 and 4 of transcript AGAP011824-PA
JHU_Ag_97545	SYCPDIIGNFPYPIIADPSR	AGAP011824-PA	C3(Carbamidomethyl)	35	0.005115262	2	2295.113	0.68	Larva	3L:-:33861318-33861259	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_98292	LTMHYPTSTGR	AGAP011824-PA	M3(Oxidation)	43	0.00084314	1	1279.610	0.04	Salivary gland	3L:-:33861150-33861118	exon=> In CDS Exon 3 of transcript AGAP011824-PA
JHU_Ag_98988	VIDSLQLTDR	AGAP011824-PA	-	48	0.000307088	1	1159.631	-0.48	Midgut	3L:-:33861017-33860988	exon=> In CDS Exon 4 of transcript AGAP011824-PA
JHU_Ag_99256	IGATIPNFQADSTK	AGAP011824-PA	-	61	1.16E-05	1	1462.756	1.84	Visceras	3L:-:33861710-33861669	exon=> In CDS Exon 1 of transcript AGAP011824-PA
JHU_Ag_100023	VLAHSVDDLK	AGAP011824-PA	-	55	3.40E-05	1	1096.599	-0.31	Head	3L:-:33861451-33861422	exon=> In CDS Exon 2 of transcript AGAP011824-PA
JHU_Ag_101807	VIATPANWTPGTK	AGAP011824-PA	-	65	2.74E-06	1	1355.732	0.19	Visceras	3L:-:33860981-33861030,33860711-33860831	exon=> In CDS Exon 5 and 4 of transcript AGAP011824-PA
JHU_Ag_104809	VMILPSVSEEDADKLFPNGIER	AGAP011824-PA	M2(Oxidation)	64	5.57E-06	1	2475.247	1.25	Salivary gland	3L:-:33860830-33860765	exon=> In CDS Exon 5 of transcript AGAP011824-PA
JHU_Ag_109627	VSMPSGNVYVR	AGAP011824-PA	M3(Oxidation)	77	2.80E-07	1	1224.606	1.39	Malpighian tubule	3L:-:33860764-33860732	exon=> In CDS Exon 5 of transcript AGAP011824-PA
JHU_Ag_65329	APIVLK	AGAP011825-PA	-	30	0.000722933	1	640.440	0.39	Midgut	3L:+:33863391-33863408	exon=> In CDS Exon 1 of transcript AGAP011825-PA
JHU_Ag_14509	DACIMENGEEK	AGAP011826-PA	C3(Carbamidomethyl), M5(Oxidation)	41	0.00016189	2	1311.521	1.3	Head	3L:-:33864421-33864389	exon=> In CDS Exon 1 of transcript AGAP011826-PA
JHU_Ag_514	LAAAFNASR	AGAP011827-PA	-	57	2.83E-05	2	920.495	0.43	Pupa	3L:+:33867423-33867449	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_3781	EVIDYIVYGTVIQEVK	AGAP011827-PA	-	77	1.45E-07	2	1868.020	7.69	Salivary gland	3L:+:33867021-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_4289	DFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	65	2.07E-06	1	2562.354	1.73	Visceras	3L:+:33867753-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_5385	QEQDDYALR	AGAP011827-PA	-	40	0.001356313	2	1137.519	1.4	Head	3L:+:33867450-33867476	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_5956	NYLGLNEK	AGAP011827-PA	-	50	0.000173721	1	950.497	2.83	Ovary	3L:+:33868022-33868045	exon=> In CDS Exon 2 of transcript AGAP011827-PA

JHU_Ag_6925	ALGLRPK	AGAP011827-PA	-	34	0.000459 39	1	754.490	-5.06	Head	3L:+:33867720-33867740	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_7793	EVIDYIVYGTVIQEVK	AGAP011827-PA	-	114	2.92E-11	1	1868.012	3.5	Head	3L:+:33867021-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_9179	LCMHTANR	AGAP011827-PA	C2(Carbamidomethyl), M3(Oxidation)	53	3.04E-05	1	1018.455	-0.84	Salivary gland	3L:+:33868130-33868144,33868214-33868222	exon=> In CDS Exon 2 and 3 of transcript AGAP011827-PA
JHU_Ag_10624	EAALSAGFSNK	AGAP011827-PA	-	74	6.68E-07	1	1094.548	0.23	Malpighian tubule	3L:+:33867087-33867119	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_11727	GYFTDLVPFK	AGAP011827-PA	-	55	4.04E-05	1	1186.615	0.7	Head	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_13576	LQLLSTIRPDFFAPELPAVAEFSSGETMGHSADR	AGAP011827-PA	M28(Oxidation)	109	1.08E-10	1	3689.848	5.57	Visceras	3L:+:33867321-33867422	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_15494	EAQDKGYFTDLVPFK	AGAP011827-PA	-	51	0.000134 983	2	1757.879	2.37	Pupa	3L:+:33867495-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_16833	LCMHTANR	AGAP011827-PA	C2(Carbamidomethyl), M3(Oxidation)	42	0.000463 117	2	1018.458	2.39	Head	3L:+:33868130-33868144,33868214-33868222	exon=> In CDS Exon 2 and 3 of transcript AGAP011827-PA
JHU_Ag_18419	GYFTDLVPFK	AGAP011827-PA	-	65	4.50E-06	2	1186.614	0.08	Male reproductive organs	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_18743	NYLGLNEK	AGAP011827-PA	-	44	0.000610 216	1	950.494	-0.26	Salivary gland	3L:+:33868022-33868045	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_18884	GYFTDLVPFK	AGAP011827-PA	-	58	2.35E-05	1	1186.617	2.45	Malpighian tubule	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_19050	NYLGLNEK	AGAP011827-PA	-	55	5.47E-05	1	950.494	0	Malpighian tubule	3L:+:33868022-33868045	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_19756	LAAAFNASRQEQDDYALR	AGAP011827-PA	-	40	0.001684 28	1	2039.001	3.32	Ovary	3L:+:33867423-33867476	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_20802	AYLRDFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	37	0.000698 703	1	3065.655	6.73	Malpighian tubule	3L:+:33867741-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_22328	LAAAFNASR	AGAP011827-PA	-	57	2.79E-05	1	920.496	1.69	Ovary	3L:+:33867423-33867449	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_26172	EAALSAGFSNK	AGAP011827-PA	-	81	1.14E-07	1	1094.550	2.13	Salivary gland	3L:+:33867087-33867119	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_26348	QEQDDYALR	AGAP011827-PA	-	54	4.77E-05	2	1137.517	0.01	Pupa	3L:+:33867450-33867476	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_27465	WNNWGGSLSIGHPFAATGVR	AGAP011827-PA	-	92	1.06E-08	1	2127.053	0.26	Head	3L:+:33868070-33868129	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_27469	GYFTDLVPFK	AGAP011827-PA	-	57	3.08E-05	1	1186.616	1.62	Pupa	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_28232	QEQDDYALR	AGAP011827-PA	-	43	0.000502 822	2	1137.515	-2.25	Malpighian tubule	3L:+:33867450-33867476	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_29924	GYFTDLVPFK	AGAP011827-PA	-	65	4.05E-06	2	1186.621	5.64	Salivary gland	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_30074	VDKEVIDYIVYGTVIQEVK	AGAP011827-PA	-	92	4.06E-09	1	2210.191	-2.14	Salivary gland	3L:+:33867012-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_35051	DFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	85	2.12E-08	1	2562.346	-1.2	Ovary	3L:+:33867753-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_35705	EAQDKGYFTDLVPFK	AGAP011827-PA	-	100	1.49E-09	1	1757.877	1.25	Visceras	3L:+:33867495-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_38545	VDKEVIDYIVYGTVIQEVK	AGAP011827-PA	-	54	2.29E-05	1	2210.195	-0.32	Male reproductive organs	3L:+:33867012-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_39880	EVIDYIVYGTVIQEVK	AGAP011827-PA	-	57	1.57E-05	2	1868.015	5.4	Malpighian tubule	3L:+:33867021-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_40253	FGAPDMSK	AGAP011827-PA	-	38	0.001292 764	2	852.393	1.15	Malpighian tubule	3L:+:33868046-33868069	exon=> In CDS Exon 2 of transcript AGAP011827-PA

JHU_Ag_40671	ALGLRPK	AGAP011827-PA	-	48	1.21E-05	2	754.495	1.73	Salivary gland	3L:+:33867720-33867740	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_40787	VDKEVIDYIVYGTVIQEVK	AGAP011827-PA	-	51	4.63E-05	1	2210.193	-1.15	Head	3L:+:33867012-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_42063	TIEKDNGIR	AGAP011827-PA	-	46	0.000399987	1	1045.563	-0.29	Malpighian tubule	3L:+:33867558-33867584	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_46149	WNNWGGSLSIGHPFAATGVR	AGAP011827-PA	-	151	1.25E-14	1	2127.052	-0.2	Visceras	3L:+:33868070-33868129	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_46260	EAALSAGFSNK	AGAP011827-PA	-	39	0.001921504	2	1094.548	0.5	Visceras	3L:+:33867087-33867119	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_46313	LAAAFNASR	AGAP011827-PA	-	49	0.000164168	2	920.495	0.16	Midgut	3L:+:33867423-33867449	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_46901	DFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	63	3.27E-06	2	2562.353	1.54	Midgut	3L:+:33867753-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_49853	EAQDKGYFTDLVPFK	AGAP011827-PA	-	114	6.09E-11	1	1757.882	4.03	Ovary	3L:+:33867495-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_50103	EAQDKGYFTDLVPFK	AGAP011827-PA	-	54	5.52E-05	1	1757.880	2.99	Salivary gland	3L:+:33867495-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_50727	LKPAFVKPYGTVTAANASFLTDGASACLVMTEEKAK	AGAP011827-PA	C27(Carbamidomethyl)	82	3.57E-08	1	3786.958	3.56	Malpighian tubule	3L:+:33867612-33867719	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_54205	VSTKESLAK	AGAP011827-PA	-	53	2.87E-05	1	962.551	-0.62	Malpighian tubule	3L:+:33867585-33867611	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_54546	LCMHTANR	AGAP011827-PA	C2(Carbamidomethyl)	36	0.001713465	1	1002.460	-0.39	Malpighian tubule	3L:+:33868130-33868144,33868214-33868222	exon=> In CDS Exon 2 and 3 of transcript AGAP011827-PA
JHU_Ag_56548	DFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	77	1.53E-07	1	2562.354	2.02	Malpighian tubule	3L:+:33867753-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_56864	LAAAFNASR	AGAP011827-PA	-	73	6.63E-07	2	920.495	-0.37	Head	3L:+:33867423-33867449	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_63287	EAALSAGFSNK	AGAP011827-PA	-	69	1.88E-06	1	1094.549	1.46	Ovary	3L:+:33867087-33867119	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_65324	ENGQLGMIAACAAGGQGVAMLLERHPDANAE	AGAP011827-PA	C11(Carbamidomethyl)	69	1.73E-06	1	3151.479	2.38	Ovary	3L:+:33868232-33868324	exon=> In CDS Exon 3 of transcript AGAP011827-PA
JHU_Ag_67528	LKPAFVKPYGTVTAANASFLTDGASACLVMTEEK	AGAP011827-PA	C27(Carbamidomethyl),"C27(Carbamidomethyl), M30(Oxidation)"	144	3.86E-14	1	3587.813	0.17	Visceras	3L:+:33867612-33867713	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_67638	GYFTDLVPFK	AGAP011827-PA	-	53	6.78E-05	2	1186.615	0.39	Midgut	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_70230	WNNWGGSLSIGHPFAATGVR	AGAP011827-PA	-	105	5.77E-10	1	2127.062	4.73	Ovary	3L:+:33868070-33868129	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_72527	WNNWGGSLSIGHPFAATGVR	AGAP011827-PA	-	74	6.42E-07	1	2127.054	0.77	Midgut	3L:+:33868070-33868129	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_73521	DFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	30	0.006719516	1	2562.346	-1.41	Head	3L:+:33867753-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_74720	WNNWGGSLSIGHPFAATGVR	AGAP011827-PA	-	104	6.30E-10	1	2127.064	5.59	Salivary gland	3L:+:33868070-33868129	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_77939	GYFTDLVPFK	AGAP011827-PA	-	60	1.34E-05	2	1186.619	3.68	Ovary	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_78242	ENGQLGMIAACAAGGQGVAMLLERHPDANAE	AGAP011827-PA	C11(Carbamidomethyl)	129	1.75E-12	1	3151.478	2.03	Malpighian tubule	3L:+:33868232-33868324	exon=> In CDS Exon 3 of transcript AGAP011827-PA
JHU_Ag_82609	TIEKDNGIR	AGAP011827-PA	-	47	0.000396435	1	1045.567	3.57	Salivary gland	3L:+:33867558-33867584	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_83597	LAAAFNASR	AGAP011827-PA	-	60	1.58E-05	2	920.497	2.35	Male reproductive organs	3L:+:33867423-33867449	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_86419	GYFTDLVPFK	AGAP011827-PA	-	66	3.76E-06	1	1186.615	0.49	Visceras	3L:+:33867510-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA

JHU_Ag_87341	NYLGLNEK	AGAP011827-PA	-	44	0.000559 41	1	950.495	0.32	Midgut	3L:+:33868022-33868045	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_88517	LAAAFNASRQEQDDYALR	AGAP011827-PA	-	89	2.06E-08	1	2038.992	-1.08	Malpighian tubule	3L:+:33867423-33867476	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_89666	DFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	47	0.000138 115	2	2562.362	5.07	Salivary gland	3L:+:33867753-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_90307	QEQDDYALR	AGAP011827-PA	-	57	2.64E-05	2	1137.519	1.94	Ovary	3L:+:33867450-33867476	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_90550	LQLLSTIRPDFFAPELPAVAEFSSGETM GHSADR	AGAP011827-PA	M28(Oxidation)	95	3.64E-09	1	3705.826	1.18	Salivary gland	3L:+:33867321-33867422	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_92337	LQLLSTIRPDFFAPELPAVAEFSSGETM GHSADR	AGAP011827-PA	M28(Oxidation)	110	1.33E-10	1	3705.830	2.23	Head	3L:+:33867321-33867422	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_93713	LAAAFNASR	AGAP011827-PA	-	56	3.59E-05	2	920.497	2.35	Malpighian tubule	3L:+:33867423-33867449	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_96964	LKPAFVKPYGTVTAANASFLTDGASAC LVMTEEK	AGAP011827-PA	C27(Carbamidomethyl), M30(Oxidation)	85	2.71E-08	1	3603.820	3.39	Salivary gland	3L:+:33867612-33867713	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_97373	LAAAFNASR	AGAP011827-PA	-	60	1.57E-05	2	920.495	0.5	Salivary gland	3L:+:33867423-33867449	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_99662	EAALSAGFSNK	AGAP011827-PA	-	72	9.10E-07	1	1094.545	-2.22	Male reproductive organs	3L:+:33867087-33867119	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_104463	ALGLRPK	AGAP011827-PA	-	36	0.000158 525	1	754.493	0.03	Malpighian tubule	3L:+:33867720-33867740	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_104857	VDKEVIDYIVYGTVIQEVK	AGAP011827-PA	-	93	2.73E-09	1	2210.198	1.17	Visceras	3L:+:33867012-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_106001	VDKEVIDYIVYGTVIQEVK	AGAP011827-PA	-	51	4.62E-05	1	2210.196	0.1	Malpighian tubule	3L:+:33867012-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_106003	FGAPDMSKWNNWGGSLSIGHPFAAT GVR	AGAP011827-PA	M6(Oxidation)	162	7.95E-16	1	2960.447	7.02	Malpighian tubule	3L:+:33868046-33868129	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_107066	DFLYVSQDPIDQLLLGPAYGIPK	AGAP011827-PA	-	53	3.35E-05	1	2562.359	3.83	Pupa	3L:+:33867753-33867821	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_108021	VDKEVIDYIVYGTVIQEVK	AGAP011827-PA	-	63	2.94E-06	1	2210.201	2.25	Ovary	3L:+:33867012-33867068	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_108629	EAQDKGYFTDLVPFK	AGAP011827-PA	-	120	1.39E-11	1	1757.883	4.59	Malpighian tubule	3L:+:33867495-33867539	exon=> In CDS Exon 1 of transcript AGAP011827-PA
JHU_Ag_115748	WNNWGGSLSIGHPFAATGVR	AGAP011827-PA	-	92	9.57E-09	1	2127.066	6.69	Malpighian tubule	3L:+:33868070-33868129	exon=> In CDS Exon 2 of transcript AGAP011827-PA
JHU_Ag_49	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	124	7.27E-12	1	1719.862	2.39	Pupa	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_2681	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	61	3.48E-06	1	2000.839	2.83	Ovary	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_8317	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	111	1.31E-10	2	1719.860	0.83	Midgut	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_8608	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	106	4.16E-10	1	1719.865	3.67	Larva	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_9304	NSWGTTWGDQGYVK	AGAP011828-PA	N1(Deamidated)	92	5.61E-09	2	1598.724	0.14	Pupa	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_10160	NSWGTTWGDQGYVK	AGAP011828-PA	-	77	1.81E-07	2	1598.723	-0.01	Midgut	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_13325	GIDTEKSYPYEAIDDECHYNPK	AGAP011828-PA	C17(Carbamidomethyl)	153	3.95E-15	1	2644.155	1.56	Malpighian tubule	3L:+:33876692-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_13613	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	112	1.06E-10	2	1719.861	1.61	Visceras	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_13964	AVGATDKGFVDIPQGNEK	AGAP011828-PA	-	123	7.38E-12	1	1845.940	3.06	Malpighian tubule	3L:+:33876758-33876811	exon=> In CDS Exon 4 of transcript AGAP011828-PA

JHU_Ag_16706	NRDNHCGIATTASYPLV	AGAP011828-PA	N4(Deamidated), C6(Carbamidomethyl),C6(Carbamidomethyl),"N1(D eamidated), C6(Carbamidomethyl)"	93	9.77E-09	1	1888.895	-0.87	Malpighian tubule	3L:+:33877052-33877102	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_18272	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	109	4.82E-11	1	2000.829	-1.99	Head	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_19538	GFVDIPQGNEK	AGAP011828-PA	-	51	0.000135869	2	1203.600	-0.29	Midgut	3L:+:33876779-33876811	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_19651	NRDNHCGIATTASYPLV	AGAP011828-PA	C6(Carbamidomethyl)	56	4.23E-05	2	1888.894	-1.52	Head	3L:+:33877052-33877102	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_21432	DNHCGIATTASYPLV	AGAP011828-PA	C4(Carbamidomethyl)	44	0.000520419	2	1618.756	1.62	Salivary gland	3L:+:33877058-33877102	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_23781	TGKLVSLSEQNLVDCSQK	AGAP011828-PA	C15(Carbamidomethyl)	148	2.40E-14	1	2006.028	2.87	Malpighian tubule	3L:+:33876572-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_24253	GFVDIPQGNEK	AGAP011828-PA	-	40	0.001512367	2	1203.602	1.64	Male reproductive organs	3L:+:33876779-33876811	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_38606	AVGATDKGFVDIPQGNEK	AGAP011828-PA	-	52	0.000101619	1	1845.944	5.03	Pupa	3L:+:33876758-33876811	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_40307	NSWGTTWGDQGYVK	AGAP011828-PA	-	95	3.37E-09	1	1598.732	5.11	Larva	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_40505	NSWGTTWGDQGYVK	AGAP011828-PA	-	54	4.20E-05	1	1598.733	5.72	Visceras	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_43302	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	63	1.83E-06	2	2000.833	0.15	Midgut	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_46850	DNHCGIATTASYPLV	AGAP011828-PA	C4(Carbamidomethyl)	59	1.74E-05	1	1618.752	-0.87	Head	3L:+:33877058-33877102	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_47577	NRDNHCGIATTASYPLV	AGAP011828-PA	C6(Carbamidomethyl)	59	2.33E-05	2	1888.901	2.03	Ovary	3L:+:33877052-33877102	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_49118	NSWGTTWGDQGYVK	AGAP011828-PA	-	107	2.41E-10	1	1598.729	3.27	Malpighian tubule	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_52785	NSWGTTWGDQGYVK	AGAP011828-PA	-	75	3.57E-07	1	1598.725	1.06	Male reproductive organs	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_53404	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	88	2.91E-08	1	1719.863	2.67	Ovary	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_61555	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	117	3.24E-11	2	1719.862	2.39	Malpighian tubule	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_69383	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	105	5.67E-10	1	1719.862	2.1	Male reproductive organs	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_70190	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	84	1.47E-08	1	2000.833	-0.1	Visceras	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_73463	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	104	6.90E-10	2	1719.860	1.11	Salivary gland	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_83396	NSWGTTWGDQGYVK	AGAP011828-PA	-	82	6.23E-08	1	1598.726	1.59	Salivary gland	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_86359	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	72	2.61E-07	1	2000.840	3.2	Larva	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_86610	GFVDIPQGNEK	AGAP011828-PA	-	54	5.82E-05	2	1203.600	-0.19	Pupa	3L:+:33876779-33876811	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_88230	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	91	3.47E-09	1	2000.837	2.04	Malpighian tubule	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_89079	DQGHCGSCWSFSATGALEGQHFR	AGAP011828-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	121	3.28E-12	1	2595.099	3.83	Malpighian tubule	3L:+:33876425-33876431,33876507-33876568	exon=> In CDS Exon 3 and 4 of transcript AGAP011828-PA

JHU_Ag_94592	DQGHCGSCWSFSATGALEGQHFR	AGAP011828-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	66	9.69E-07	1	2595.089	0.09	Pupa	3L:+:33876425-33876431,33876507-33876568	exon=> In CDS Exon 3 and 4 of transcript AGAP011828-PA
JHU_Ag_95266	AVGATDKGFVDIPQGNEK	AGAP011828-PA	-	114	5.86E-11	1	1845.935	0.21	Head	3L:+:33876758-33876811	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_97711	NSWGTTWGDQGYVK	AGAP011828-PA	-	81	8.13E-08	1	1598.726	1.44	Head	3L:+:33877001-33877042	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_100095	LVSLSEQNLVDCSQK	AGAP011828-PA	C12(Carbamidomethyl)	96	4.13E-09	1	1719.860	1.25	Head	3L:+:33876581-33876625	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_101017	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	64	1.72E-06	2	2000.833	0.09	Salivary gland	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_102974	SYPYEAIDDECHYNPK	AGAP011828-PA	C11(Carbamidomethyl)	108	5.72E-11	1	2000.833	-0.03	Pupa	3L:+:33876710-33876757	exon=> In CDS Exon 4 of transcript AGAP011828-PA
JHU_Ag_6169	GESGGVFDTGLAR	AGAP011829-PA	-	91	1.32E-08	1	1265.609	-2.24	Head	3L:-:33880360-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_6832	GESGGVFDTGLAR	AGAP011829-PA	-	74	6.61E-07	2	1265.613	0.95	Ovary	3L:-:33880360-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_7525	GESGGVFDTGLAR	AGAP011829-PA	-	89	2.12E-08	2	1265.610	-2.04	Midgut	3L:-:33880360-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_10667	IGLFTVVIPIIVYAK	AGAP011829-PA	-	49	2.00E-06	2	1646.037	4.98	Malpighian tubule	3L:-:33880102-33880058	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_11778	GESGGVFDTGLAR	AGAP011829-PA	-	77	3.29E-07	2	1265.613	0.66	Visceras	3L:-:33880360-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_15004	TGQVAYADR	AGAP011829-PA	-	46	0.000442764	2	980.479	-0.39	Head	3L:-:33880015-33879989	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_15492	TGQVAYADRR	AGAP011829-PA	-	43	0.000992834	2	1136.575	-4.84	Head	3L:-:33880015-33879986	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_20856	SFKIGLFTVVIPIIVYAK	AGAP011829-PA	-	20	0.003581525	1	2008.234	4.72	Malpighian tubule	3L:-:33880111-33880058	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_26162	IGLFTVVIPIIVYAK	AGAP011829-PA	-	55	4.28E-07	1	1646.038	5.35	Ovary	3L:-:33880102-33880058	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_35110	IGLFTVVIPIIVYAK	AGAP011829-PA	-	38	2.28E-05	2	1646.036	4.39	Visceras	3L:-:33880102-33880058	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_40446	IGLFTVVIPIIVYAK	AGAP011829-PA	-	37	3.71E-05	2	1646.033	2.53	Head	3L:-:33880102-33880058	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_41088	VNHYEHFKPTGR	AGAP011829-PA	-	86	3.58E-08	1	1484.742	1.85	Pupa	3L:-:33880147-33880112	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_47725	TMTNPHNHLR	AGAP011829-PA	M2(Oxidation)	62	8.55E-06	1	1236.584	-4.92	Head	3L:-:33880390-33880361	exon=> In CDS Exon 1 of transcript AGAP011829-PA
JHU_Ag_52653	GESGGVFDTGLAR	AGAP011829-PA	-	76	4.15E-07	2	1265.613	0.75	Malpighian tubule	3L:-:33880360-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_66828	VNHYEHFKPTGR	AGAP011829-PA	-	86	3.30E-08	1	1484.742	2.1	Malpighian tubule	3L:-:33880147-33880112	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_69867	VNHYEHFKPTGR	AGAP011829-PA	-	87	2.98E-08	1	1484.741	0.84	Visceras	3L:-:33880147-33880112	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_70713	TGQVAYADRR	AGAP011829-PA	-	45	0.000597 91	2	1136.581	0.43	Malpighian tubule	3L:-:33880015-33879986	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_73025	IGLFTVVIPIIVYAK	AGAP011829-PA	-	44	7.85E-06	2	1646.033	2.24	Pupa	3L:-:33880102-33880058	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_75532	VNHYEHFKPTGR	AGAP011829-PA	-	93	6.31E-09	1	1484.733	-4.31	Head	3L:-:33880147-33880112	exon=> In CDS Exon 2 of transcript AGAP011829-PA

JHU_Ag_81375	FQAMRVNHYEHFKPTGR	AGAP011829-PA	M4(Oxidation)	74	6.76E-07	1	2134.041	0.54	Malpighian tubule	3L:-:33880162-33880112	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_84103	GESGGVFDTGLAR	AGAP011829-PA	-	55	5.28E-05	2	1265.614	1.14	Salivary gland	3L:-:33880360-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_88288	AALRNEYWR	AGAP011829-PA	-	57	2.81E-05	1	1178.608	1.39	Malpighian tubule	3L:-:33880417-33880391	exon=> In CDS Exon 1 of transcript AGAP011829-PA
JHU_Ag_90031	VNHYEHFKPTGR	AGAP011829-PA	-	51	0.000110785	1	1484.741	0.84	Ovary	3L:-:33880147-33880112	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_92421	IGLFTVVIPIIVYAK	AGAP011829-PA	-	64	1.09E-07	2	1646.025	-2.43	Midgut	3L:-:33880102-33880058	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_95254	TMTNPHNHLRGESGGVFDTGLAR	AGAP011829-PA	M2(Oxidation)	102	1.21E-09	1	2467.196	2.44	Malpighian tubule	3L:-:33880390-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_95538	GESGGVFDTGLAR	AGAP011829-PA	-	71	1.35E-06	1	1265.611	-1.08	Pupa	3L:-:33880360-33880456,33879971-33880163	exon=> In CDS Exon 2 and 1 of transcript AGAP011829-PA
JHU_Ag_101140	TMTNPHNHLR	AGAP011829-PA	M2(Oxidation)	63	8.32E-06	1	1236.589	-0.69	Midgut	3L:-:33880390-33880361	exon=> In CDS Exon 1 of transcript AGAP011829-PA
JHU_Ag_110920	TMTNPHNHLR	AGAP011829-PA	M2(Oxidation)	79	2.08E-07	1	1220.597	1.54	Visceras	3L:-:33880390-33880361	exon=> In CDS Exon 1 of transcript AGAP011829-PA
JHU_Ag_116045	TGQVAYADRR	AGAP011829-PA	-	48	0.000292 17	2	1136.581	0.53	Visceras	3L:-:33880015-33879986	exon=> In CDS Exon 2 of transcript AGAP011829-PA
JHU_Ag_6380	APLVPQGTPVVNSLFR	AGAP011830-PA	-	68	6.11E-07	2	1694.964	3.1	Malpighian tubule	3L:-:33882634-33882587	exon=> In CDS Exon 3 of transcript AGAP011830-PA
JHU_Ag_9479	ASIYDPDFIAANQADR	AGAP011830-PA	-	67	3.20E-06	2	1766.836	0.71	Midgut	3L:-:33883596-33883549	exon=> In CDS Exon 2 of transcript AGAP011830-PA
JHU_Ag_23272	ASIYDPDFIAANQADR	AGAP011830-PA	-	75	5.22E-07	2	1766.836	0.57	Ovary	3L:-:33883596-33883549	exon=> In CDS Exon 2 of transcript AGAP011830-PA
JHU_Ag_60679	FDLPVGESQPDVQQHVAK	AGAP011830-PA	-	59	1.93E-05	1	1994.006	4.11	Head	3L:-:33882508-33882455	exon=> In CDS Exon 3 of transcript AGAP011830-PA
JHU_Ag_67726	YEQYQQIVR	AGAP011830-PA	-	44	0.000507208	2	1226.620	2.94	Head	3L:-:33883521-33883495	exon=> In CDS Exon 2 of transcript AGAP011830-PA
JHU_Ag_88624	TAIENILR	AGAP011830-PA	-	41	0.001089767	2	929.541	-0.34	Head	3L:-:33882580-33882557	exon=> In CDS Exon 3 of transcript AGAP011830-PA
JHU_Ag_96094	FDLPVGESQPDVQQHVAK	AGAP011830-PA	-	54	5.47E-05	1	1994.004	3.1	Malpighian tubule	3L:-:33882508-33882455	exon=> In CDS Exon 3 of transcript AGAP011830-PA
JHU_Ag_100728	SVLSLLSYLCK	AGAP011830-PA	C10(Carbamidomethyl)	63	3.29E-06	1	1282.714	4.85	Ovary	3L:-:33882667-33882635	exon=> In CDS Exon 3 of transcript AGAP011830-PA
JHU_Ag_8497	ADEDKGLVAGHPPAVK	AGAP011832-PA	N-Term(Acetyl)	77	3.43E-07	1	1645.848	-3.81	Midgut	3L:+:33893414-33893456,33893529-33893533	exon=> In CDS Exon 1 and 2 of transcript AGAP011832-PA
JHU_Ag_22459	TPNSERPAKDPVEVIGLSNPAPNVNTGEVAQSGTSTK	AGAP011832-PA	Q31(Deamidated)	163	4.42E-16	1	3761.894	-0.08	Ovary	3L:+:33893564-33893617,33893727-33893783	exon=> In CDS Exon 2 and 3 of transcript AGAP011832-PA
JHU_Ag_27700	TPNSERPAKDPVEVIGLSNPAPNVNTGEVAQSGTSTK	AGAP011832-PA	-	50	8.76E-05	1	3761.891	-0.86	Male reproductive organs	3L:+:33893564-33893617,33893727-33893783	exon=> In CDS Exon 2 and 3 of transcript AGAP011832-PA
JHU_Ag_61300	ADEDKGLVAGHPPAVK	AGAP011832-PA	N-Term(Acetyl)	78	2.87E-07	1	1645.856	0.75	Ovary	3L:+:33893414-33893456,33893529-33893533	exon=> In CDS Exon 1 and 2 of transcript AGAP011832-PA
JHU_Ag_72851	DPVEVIGLSNPAPNVNTGEVAQSGTSTK	AGAP011832-PA	-	130	1.29E-12	1	2781.398	2.81	Head	3L:+:33893591-33893617,33893727-33893783	exon=> In CDS Exon 2 and 3 of transcript AGAP011832-PA

JHU_Ag_85335	TPNSERPAKDPVEVIGLSNPAPNVNTGEVAQSGTSTK	AGAP011832-PA	-	103	4.42E-10	1	3761.891	-0.79	Malpighian tubule	3L:+:33893564-33893617,33893727-33893783	exon=> In CDS Exon 2 and 3 of transcript AGAP011832-PA
JHU_Ag_96232	GLVAGHPPAVK	AGAP011832-PA	-	39	0.000564105	1	1045.619	3.9	Ovary	3L:+:33893429-33893456,33893529-33893533	exon=> In CDS Exon 1 and 2 of transcript AGAP011832-PA
JHU_Ag_96890	GLVAGHPPAVK	AGAP011832-PA	-	56	1.60E-05	1	1045.615	0.05	Head	3L:+:33893429-33893456,33893529-33893533	exon=> In CDS Exon 1 and 2 of transcript AGAP011832-PA
JHU_Ag_106961	ADEDKGLVAGHPPAVK	AGAP011832-PA	N-Term(Acetyl)	86	3.96E-08	1	1645.855	0.32	Male reproductive organs	3L:+:33893414-33893456,33893529-33893533	exon=> In CDS Exon 1 and 2 of transcript AGAP011832-PA
JHU_Ag_109231	ADEDKGLVAGHPPAVK	AGAP011832-PA	N-Term(Acetyl)	86	4.29E-08	1	1645.856	0.75	Malpighian tubule	3L:+:33893414-33893456,33893529-33893533	exon=> In CDS Exon 1 and 2 of transcript AGAP011832-PA
JHU_Ag_110854	TPNSERPAK	AGAP011832-PA	-	44	0.000412429	1	999.523	1.04	Head	3L:+:33893564-33893590	exon=> In CDS Exon 2 of transcript AGAP011832-PA
JHU_Ag_112657	HTDHSVEASQVAHAQKPPAPVHSKPVNHIQQPR	AGAP011832-PA	-	158	1.11E-15	1	3627.867	0.78	Ovary	3L:+:33893784-33893882	exon=> In CDS Exon 3 of transcript AGAP011832-PA
JHU_Ag_117602	DPVEVIGLSNPAPNVNTGEVAQSGTSTK	AGAP011832-PA	-	192	8.42E-19	1	2781.385	-1.74	Ovary	3L:+:33893591-33893617,33893727-33893783	exon=> In CDS Exon 2 and 3 of transcript AGAP011832-PA
JHU_Ag_988	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	81	8.88E-08	2	1855.970	2.19	Visceras	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_3673	AYEFIK	AGAP011833-PA	-	30	0.005232312	1	770.407	-1.46	Head	3L:+:33896306-33896323	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_5933	YEADDSIGAIVITGSEK	AGAP011833-PA	-	134	6.21E-13	2	1767.867	1.53	Ovary	3L:+:33896438-33896488	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_10184	HFHATFSTK	AGAP011833-PA	-	43	0.000731939	1	1075.535	3.11	Larva	3L:+:33896996-33897022	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_12729	HFHATFSTK	AGAP011833-PA	-	45	0.000511699	1	1075.536	3.86	Ovary	3L:+:33896996-33897022	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_14298	AYEFIK	AGAP011833-PA	-	31	0.003349742	2	770.410	1.63	Ovary	3L:+:33896306-33896323	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_15422	DRLEGMTAFVEK	AGAP011833-PA	M6(Oxidation)	75	4.44E-07	1	1411.687	-0.97	Ovary	3L:+:33897023-33897058	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_17459	HFHATFSTK	AGAP011833-PA	-	53	7.31E-05	1	1075.534	1.52	Head	3L:+:33896996-33897022	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_21578	RHFHATFSTK	AGAP011833-PA	-	60	1.89E-05	1	1231.638	3.57	Larva	3L:+:33896993-33897022	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_22063	AMEMCLTGNMITAEEAER	AGAP011833-PA	M2(Oxidation), M4(Oxidation), C5(Carbamidomethyl), M10(Oxidation)	67	5.90E-07	2	2104.864	-0.69	Male reproductive organs	3L:+:33896774-33896827	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_27251	AFAAGADIKEMQPNTYAK	AGAP011833-PA	M11(Oxidation)	122	8.20E-12	1	1925.946	1.78	Malpighian tubule	3L:+:33896489-33896542	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_28519	AYEFIK	AGAP011833-PA	-	35	0.001297814	1	770.410	2.26	Malpighian tubule	3L:+:33896306-33896323	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_33762	AFAAGADIKEMQPNTYAK	AGAP011833-PA	M11(Oxidation)	63	7.49E-06	1	1941.934	-1.66	Head	3L:+:33896489-33896542	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_34411	DRLEGMTAFVEK	AGAP011833-PA	-	45	0.000423485	2	1395.697	2.28	Salivary gland	3L:+:33897023-33897058	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_37738	NVAVITLNRPK	AGAP011833-PA	-	62	1.10E-06	1	1224.744	1.01	Pupa	3L:+:33896348-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_38373	AFAAGADIK	AGAP011833-PA	-	37	0.002847874	2	863.462	-0.14	Ovary	3L:+:33896489-33896515	exon=> In CDS Exon 2 of transcript AGAP011833-PA

JHU_Ag_39091	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	112	8.19E-11	1	1855.965	-0.83	Head	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_40883	CINTDFLANWTR	AGAP011833-PA	C1(Carbamidomethyl)	70	1.52E-06	1	1510.716	3.28	Malpighian tubule	3L:+:33896543-33896578	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_41169	ISTFSPLIVR	AGAP011833-PA	-	44	0.000118337	2	1132.672	-0.31	Head	3L:+:33896897-33896926	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_41467	EAVNASYEMSLNEGLR	AGAP011833-PA	M9(Oxidation)	68	1.87E-06	2	1798.829	0.81	Male reproductive organs	3L:+:33896936-33896983	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_43103	AFAAGADIKEMQPNTYAK	AGAP011833-PA	M11(Oxidation)	41	0.001083032	1	1941.938	0.13	Ovary	3L:+:33896489-33896542	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_44372	YEADDSIGAIVITGSEK	AGAP011833-PA	-	126	4.09E-12	2	1767.861	-2.06	Head	3L:+:33896438-33896488	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_45160	HFHATFSTK	AGAP011833-PA	-	35	0.005543202	1	1075.534	1.65	Pupa	3L:+:33896996-33897022	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_47625	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	64	4.36E-06	2	1855.974	4.17	Larva	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_52272	ISTFSPLIVR	AGAP011833-PA	-	51	2.61E-05	2	1132.673	0.55	Male reproductive organs	3L:+:33896897-33896926	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_55060	NVAVITLNRPK	AGAP011833-PA	-	81	1.64E-08	1	1224.742	-0.68	Ovary	3L:+:33896348-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_56852	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	76	2.85E-07	1	1855.974	4.43	Male reproductive organs	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_58007	AFAAGADIK	AGAP011833-PA	-	37	0.002954075	1	863.464	1.58	Pupa	3L:+:33896489-33896515	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_58258	AELAGEKK	AGAP011833-PA	-	43	0.001152731	1	845.472	-0.5	Male reproductive organs	3L:+:33896324-33896347	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_59803	ALNALCNGLVAEISDALDRYEADDSIGAIVITGSEK	AGAP011833-PA	C6(Carbamidomethyl)	236	2.05E-23	1	3763.884	3.75	Ovary	3L:+:33896381-33896488	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_61668	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	74	5.47E-07	1	1855.968	0.88	Ovary	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_63114	NVAVITLNRPK	AGAP011833-PA	-	67	3.57E-07	1	1224.745	2.41	Male reproductive organs	3L:+:33896348-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_65025	DRLEGMTAFVEK	AGAP011833-PA	-	58	2.50E-05	1	1395.695	0.88	Malpighian tubule	3L:+:33897023-33897058	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_66105	NVAVITLNRPK	AGAP011833-PA	-	69	2.25E-07	1	1224.744	1.11	Salivary gland	3L:+:33896348-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_66833	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	108	1.69E-10	1	1855.972	3.05	Malpighian tubule	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_68083	LVEEAVK	AGAP011833-PA	-	43	0.000987324	2	787.458	2.71	Malpighian tubule	3L:+:33896864-33896884	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_68206	EAVNASYEMSLNEGLR	AGAP011833-PA	M9(Oxidation)	65	3.62E-06	2	1798.830	1.56	Salivary gland	3L:+:33896936-33896983	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_69394	ISTFSPLIVR	AGAP011833-PA	-	47	5.89E-05	2	1132.674	0.98	Ovary	3L:+:33896897-33896926	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_70958	ISTFSPLIVR	AGAP011833-PA	-	64	9.87E-07	2	1132.676	2.7	Malpighian tubule	3L:+:33896897-33896926	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_71153	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	73	6.15E-07	2	1855.970	1.93	Midgut	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_71422	ISTFSPLIVR	AGAP011833-PA	-	45	9.29E-05	2	1132.673	0.12	Salivary gland	3L:+:33896897-33896926	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_73526	ALNALCNGLVAEISDALDRYEADDSIGAIVITGSEK	AGAP011833-PA	C6(Carbamidomethyl)	74	3.76E-07	1	3763.892	5.98	Malpighian tubule	3L:+:33896381-33896488	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_75637	EAVNASYEMSLNEGLR	AGAP011833-PA	M9(Oxidation)	109	1.54E-10	1	1798.830	1.08	Head	3L:+:33896936-33896983	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_77383	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	88	1.80E-08	1	1855.970	1.86	Pupa	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA

JHU_Ag_82444	NVAVITLNRPK	AGAP011833-PA	-	44	6.55E-05	1	1224.745	2.21	Midgut	3L:+:33896348-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_84852	AFAAGADIK	AGAP011833-PA	-	54	5.55E-05	1	863.462	0.01	Head	3L:+:33896489-33896515	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_86765	FGQPEIALGTIPGAGGSQR	AGAP011833-PA	-	75	3.80E-07	1	1855.969	1.27	Salivary gland	3L:+:33896690-33896746	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_87209	KNVAVITLNRPK	AGAP011833-PA	-	88	1.37E-09	1	1352.839	1.2	Malpighian tubule	3L:+:33896345-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_87351	ISTFSPLIVR	AGAP011833-PA	-	45	9.29E-05	2	1132.673	0.55	Visceras	3L:+:33896897-33896926	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_91877	AFAAGADIKEMQPNTYAK	AGAP011833-PA	M11(Oxidation)	85	4.96E-08	1	1941.935	-1.47	Male reproductive organs	3L:+:33896489-33896542	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_93064	CINTDFLANWTR	AGAP011833-PA	C1(Carbamidomethyl)	86	3.67E-08	1	1510.713	1.26	Head	3L:+:33896543-33896578	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_97077	AFAAGADIK	AGAP011833-PA	-	51	0.000111563	1	863.463	0.94	Male reproductive organs	3L:+:33896489-33896515	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_98806	DRLEGMTAFVEK	AGAP011833-PA	M6(Oxidation)	79	1.63E-07	1	1411.690	0.93	Head	3L:+:33897023-33897058	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_103229	HFHATFSTK	AGAP011833-PA	-	40	0.001772046	1	1075.535	3.07	Malpighian tubule	3L:+:33896996-33897022	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_104767	ISTFSPLIVR	AGAP011833-PA	-	39	0.000396116	2	1132.674	1.3	Pupa	3L:+:33896897-33896926	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_104938	DRLEGMTAFVEK	AGAP011833-PA	M6(Oxidation)	49	0.000182312	2	1411.688	-0.8	Male reproductive organs	3L:+:33897023-33897058	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_106286	NVAVITLNRPK	AGAP011833-PA	-	76	4.59E-08	1	1224.743	0.71	Head	3L:+:33896348-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_108136	AFAAGADIK	AGAP011833-PA	-	39	0.002150407	2	863.464	1.77	Malpighian tubule	3L:+:33896489-33896515	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_109406	NVAVITLNRPK	AGAP011833-PA	-	85	5.59E-09	1	1224.744	1.01	Malpighian tubule	3L:+:33896348-33896380	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_110808	AFAAGADIKEMQPNTYAK	AGAP011833-PA	M11(Oxidation)	51	0.000129498	1	1941.943	2.77	Larva	3L:+:33896489-33896542	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_113463	SKAMEMCLTGNMITAEEAER	AGAP011833-PA	M4(Oxidation), C7(Carbamidomethyl), M12(Oxidation),"M4(Oxidation), M6(Oxidation), C7(Carbamidomethyl)"," M4(Oxidation), M6(Oxidation), C7(Carbamidomethyl), M12(Oxidation)","M6(Oxidation), C7(Carbamidomethyl), M12(Oxidation)"	45	0.000206784	1	2304.008	4.37	Malpighian tubule	3L:+:33896768-33896827	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_114730	ALNALCNGLVAEISDALDRYEADDSIGAIVITGSEK	AGAP011833-PA	C6(Carbamidomethyl)	53	4.19E-05	1	3763.879	2.48	Visceras	3L:+:33896381-33896488	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_115473	AMEMCLTGNMITAEEAER	AGAP011833-PA	M2(Oxidation), M4(Oxidation), C5(Carbamidomethyl), M10(Oxidation),"M2(Oxidation), M4(Oxidation), C5(Carbamidomethyl)"	102	1.74E-10	1	2104.868	1.39	Malpighian tubule	3L:+:33896774-33896827	exon=> In CDS Exon 2 of transcript AGAP011833-PA
JHU_Ag_931	GLGAAEILTEEELR	AGAP011834-PA	-	84	5.34E-08	2	1500.791	0.29	Salivary gland	3L:+:33898433-33898474	exon=> In CDS Exon 2 of transcript AGAP011834-PA

JHU_Ag_1131	VLQLQEESVPDPK	AGAP011834-PA	-	69	1.16E-06	2	1481.783	-0.88	Midgut	3L:+:33897844-33897882	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_2343	SALELAR	AGAP011834-PA	-	47	0.000436804	2	759.435	-1.78	Ovary	3L:+:33898544-33898564	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_6172	AWNVECVGVVR	AGAP011834-PA	C6(Carbamidomethyl)	65	4.77E-06	2	1288.651	3.06	Salivary gland	3L:+:33898361-33898393	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_6594	VPASVGVPEAATITVNPCTGYR	AGAP011834-PA	C18(Carbamidomethyl)	96	3.54E-09	2	2259.153	3.87	Malpighian tubule	3L:+:33898199-33898264	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_10266	EPVTVPTASLIFK	AGAP011834-PA	-	59	8.02E-06	2	1401.798	-0.69	Visceras	3L:+:33898613-33898651	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_11063	VLQLQEESVPDPK	AGAP011834-PA	-	69	1.11E-06	2	1481.788	2.09	Male reproductive organs	3L:+:33897844-33897882	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_14135	VGDRVVPFATGLGTWR	AGAP011834-PA	-	31	0.006360374	1	1730.943	5.08	Malpighian tubule	3L:+:33898115-33898162	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_17446	VLQLQEESVPDPK	AGAP011834-PA	-	76	1.95E-07	2	1481.786	1.1	Salivary gland	3L:+:33897844-33897882	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_18701	GLGAAEILTEEELR	AGAP011834-PA	-	71	1.22E-06	2	1500.791	0.13	Male reproductive organs	3L:+:33898433-33898474	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_18961	YPVKPTFPAVGGNECVGEVVAIGGDGSGNSLK	AGAP011834-PA	C15(Carbamidomethyl)	83	5.82E-08	1	3175.567	-1.78	Visceras	3L:+:33898019-33898114	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_22788	DRPEFAQLK	AGAP011834-PA	-	52	9.97E-05	1	1103.585	0.85	Visceras	3L:+:33898394-33898420	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_27325	LALNCVGGK	AGAP011834-PA	C5(Carbamidomethyl)	39	0.002082846	2	931.501	-2.27	Ovary	3L:+:33898517-33898543	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_34969	TLGAPINPADINTIQGK	AGAP011834-PA	-	137	1.17E-13	1	1722.941	1.32	Ovary	3L:+:33897904-33897949,33898014-33898018	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_35053	SEMFNELFGLIDR	AGAP011834-PA	M3(Oxidation)	102	8.29E-10	1	1586.750	-1.31	Midgut	3L:+:33898718-33898756	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_35101	TLGAPINPADINTIQGK	AGAP011834-PA	-	96	1.64E-09	2	1722.942	1.75	Head	3L:+:33897904-33897949,33898014-33898018	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_43986	VPASVGVPEAATITVNPCTGYR	AGAP011834-PA	C18(Carbamidomethyl)	88	2.10E-08	2	2259.154	4.41	Salivary gland	3L:+:33898199-33898264	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_44812	SHAIYAANQLMK	AGAP011834-PA	-	70	1.81E-06	1	1346.692	2.86	Malpighian tubule	3L:+:33898163-33898198	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_45242	GLGAAEILTEEELR	AGAP011834-PA	-	57	3.24E-05	2	1500.795	2.81	Pupa	3L:+:33898433-33898474	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_46333	SEMFNELFGLIDR	AGAP011834-PA	M3(Oxidation)	45	0.000429551	2	1586.758	4.07	Visceras	3L:+:33898718-33898756	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_48411	VVPFATGLGTWR	AGAP011834-PA	-	46	0.000258246	2	1303.714	-1.07	Midgut	3L:+:33898127-33898162	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_48813	VLQLQEESVPDPK	AGAP011834-PA	-	43	0.000537987	1	1481.785	0.19	Head	3L:+:33897844-33897882	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_53668	SHAIYAANQLMK	AGAP011834-PA	M11(Oxidation)	63	9.73E-06	1	1362.687	2.26	Midgut	3L:+:33898163-33898198	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_54102	GLGAAEILTEEELR	AGAP011834-PA	-	97	2.82E-09	1	1500.796	3.38	Malpighian tubule	3L:+:33898433-33898474	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_57676	DRPEFAQLKDHLK	AGAP011834-PA	-	57	1.94E-05	1	1596.849	0.03	Malpighian tubule	3L:+:33898394-33898432	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_59915	YPVKPTFPAVGGNECVGEVVAIGGDGSGNSLK	AGAP011834-PA	C15(Carbamidomethyl)	59	1.55E-05	1	3175.581	2.37	Head	3L:+:33898019-33898114	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_60630	EPVTVPTASLIFK	AGAP011834-PA	-	43	0.00027712	1	1401.800	0.53	Ovary	3L:+:33898613-33898651	exon=> In CDS Exon 2 of transcript AGAP011834-PA

JHU_Ag_61333	TLGAPINPADINTIQGK	AGAP011834-PA	-	67	1.32E-06	2	1722.940	0.97	Malpighian tubule	3L:+:33897904-33897949,33898014-33898018	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_62665	TLGAPINPADINTIQGK	AGAP011834-PA	-	121	5.68E-12	1	1722.939	0.33	Midgut	3L:+:33897904-33897949,33898014-33898018	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_63864	DRPEFAQLK	AGAP011834-PA	-	46	0.000419649	1	1103.583	-1.37	Ovary	3L:+:33898394-33898420	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_66539	YGEFGEPAK	AGAP011834-PA	-	38	0.001361338	1	997.460	-2.4	Ovary	3L:+:33897817-33897843	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_68530	SEMFNELFGLIDR	AGAP011834-PA	M3(Oxidation)	52	8.82E-05	2	1586.754	1.15	Salivary gland	3L:+:33898718-33898756	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_70344	GLGAAEILTEEELR	AGAP011834-PA	-	97	2.66E-09	2	1500.791	0.37	Head	3L:+:33898433-33898474	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_70987	VLQLQEESVPDPK	AGAP011834-PA	-	94	3.42E-09	1	1481.787	1.51	Visceras	3L:+:33897844-33897882	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_77978	AWNVECVGVVR	AGAP011834-PA	C6(Carbamidomethyl)	46	0.000392753	2	1288.648	1.36	Midgut	3L:+:33898361-33898393	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_79091	SEMFNELFGLIDR	AGAP011834-PA	M3(Oxidation)	53	7.04E-05	1	1586.760	4.77	Malpighian tubule	3L:+:33898718-33898756	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_80927	GLGAAEILTEEELR	AGAP011834-PA	-	117	2.95E-11	1	1500.793	1.68	Visceras	3L:+:33898433-33898474	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_81341	VPASVGVPEAATITVNPCTGYR	AGAP011834-PA	C18(Carbamidomethyl)	90	1.30E-08	1	2259.149	2.14	Midgut	3L:+:33898199-33898264	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_82601	VPASVGVPEAATITVNPCTGYR	AGAP011834-PA	C18(Carbamidomethyl)	115	4.28E-11	1	2259.147	1.49	Head	3L:+:33898199-33898264	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_83030	VLQLQEESVPDPK	AGAP011834-PA	-	59	1.00E-05	2	1481.785	-0.05	Pupa	3L:+:33897844-33897882	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_83173	VLQLQEESVPDPK	AGAP011834-PA	-	97	2.03E-09	1	1481.785	0.52	Ovary	3L:+:33897844-33897882	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_85814	SEMFNELFGLIDR	AGAP011834-PA	M3(Oxidation)	70	1.40E-06	2	1586.758	3.54	Head	3L:+:33898718-33898756	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_88561	TLGAPINPADINTIQGK	AGAP011834-PA	-	72	4.17E-07	2	1722.941	1.68	Visceras	3L:+:33897904-33897949,33898014-33898018	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_88800	TLGAPINPADINTIQGK	AGAP011834-PA	-	59	7.17E-06	1	1722.943	2.74	Salivary gland	3L:+:33897904-33897949,33898014-33898018	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_91323	AWNVECVGVVR	AGAP011834-PA	C6(Carbamidomethyl)	68	2.28E-06	2	1288.645	-1.58	Head	3L:+:33898361-33898393	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_92877	SHAIYAANQLMK	AGAP011834-PA	M11(Oxidation)	78	3.18E-07	1	1362.683	-0.52	Head	3L:+:33898163-33898198	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_95589	EHAASPLR	AGAP011834-PA	-	37	0.003439357	2	880.465	1.97	Ovary	3L:+:33898694-33898717	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_96130	GLGAAEILTEEELR	AGAP011834-PA	-	97	2.55E-09	2	1500.792	1.03	Ovary	3L:+:33898433-33898474	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_96247	SEMFNELFGLIDR	AGAP011834-PA	M3(Oxidation)	64	6.12E-06	2	1586.761	5.69	Male reproductive organs	3L:+:33898718-33898756	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_97131	SEMFNELFGLIDR	AGAP011834-PA	M3(Oxidation)	100	1.29E-09	1	1586.748	-2.23	Ovary	3L:+:33898718-33898756	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_98143	VLQLQEESVPDPKQGEVLIK	AGAP011834-PA	-	103	1.63E-10	1	2249.243	2.01	Malpighian tubule	3L:+:33897844-33897903	exon=> In CDS Exon 1 of transcript AGAP011834-PA
JHU_Ag_98213	VPASVGVPEAATITVNPCTGYR	AGAP011834-PA	C18(Carbamidomethyl)	78	1.87E-07	1	2259.162	7.87	Visceras	3L:+:33898199-33898264	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_98386	VVPFATGLGTWR	AGAP011834-PA	-	59	1.49E-05	1	1303.713	-1.82	Ovary	3L:+:33898127-33898162	exon=> In CDS Exon 2 of transcript AGAP011834-PA

JHU_Ag_101443	AWNVECVGVVR	AGAP011834-PA	C6(Carbamidomethyl)	71	1.16E-06	2	1288.649	2.02	Malpighian tubule	3L:+:33898361-33898393	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_108856	VVPFATGLGTWR	AGAP011834-PA	-	77	1.90E-07	1	1303.716	0.33	Visceras	3L:+:33898127-33898162	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_109545	TLGAPINPADINTIQGKYPVKPTFPAVGGNECVGEVVAIGGDGSGNSLK	AGAP011834-PA	C32(Carbamidomethyl)	30	0.002905026	1	4879.522	5.72	Malpighian tubule	3L:+:33897904-33897949,33898014-33898114	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_111437	TLGAPINPADINTIQGK	AGAP011834-PA	-	96	1.52E-09	1	1722.941	1.4	Pupa	3L:+:33897904-33897949,33898014-33898018	exon=> In CDS Exon 1 and 2 of transcript AGAP011834-PA
JHU_Ag_112072	APAHEMIPFEEYSAAVTNALNIQGFVGK	AGAP011834-PA	M6(Oxidation)	117	2.63E-11	1	3020.477	-1.89	Ovary	3L:+:33898769-33898852	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_112367	DRPEFAQLK	AGAP011834-PA	-	45	0.000456163	2	1103.581	-3.03	Head	3L:+:33898394-33898420	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_112888	AWNVECVGVVR	AGAP011834-PA	C6(Carbamidomethyl)	63	7.46E-06	2	1288.647	0.41	Visceras	3L:+:33898361-33898393	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_113865	VVPFATGLGTWR	AGAP011834-PA	-	91	8.46E-09	1	1303.721	4.08	Malpighian tubule	3L:+:33898127-33898162	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_114275	VVPFATGLGTWR	AGAP011834-PA	-	73	4.86E-07	1	1303.716	0.52	Head	3L:+:33898127-33898162	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_114596	VVPFATGLGTWR	AGAP011834-PA	-	57	2.19E-05	2	1303.723	5.58	Salivary gland	3L:+:33898127-33898162	exon=> In CDS Exon 2 of transcript AGAP011834-PA
JHU_Ag_28929	DKAAELLPK	AGAP011835-PA	-	34	0.002938156	2	984.573	0.51	Midgut	3L:-:33913919-33913893	exon=> In CDS Exon 3 of transcript AGAP011835-PA
JHU_Ag_56186	ISILIR	AGAP011836-PA	-	34	0.000795131	2	714.488	1.39	Salivary gland	3L:+:33918163-33918180	exon=> In CDS Exon 2 of transcript AGAP011836-PA
JHU_Ag_10565	VYSMTAGIEQVVLGLHIIR	AGAP011837-PA	M4(Oxidation)	162	2.91E-16	1	2115.166	1.1	Ovary	3L:-:33917211-33917155	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_24633	SGLESYVNNTVSIITADGR	AGAP011837-PA	N-Term(Acetyl)	114	7.39E-11	1	2038.010	0.39	Ovary	3L:-:33917337-33917281	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_39756	GDNIAIIGQLDESVDSK	AGAP011837-PA	-	95	4.56E-09	1	1773.890	1.68	Ovary	3L:-:33917154-33917104	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_61854	GFDQTVNVILDESHER	AGAP011837-PA	-	83	8.78E-08	1	1858.895	1.1	Ovary	3L:-:33917259-33917212	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_71390	LDFSTIR	AGAP011837-PA	-	45	0.000230404	2	851.464	1.82	Ovary	3L:-:33917103-33917083	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_71784	NFVGTLK	AGAP011837-PA	-	35	0.002748892	1	778.448	2.18	Ovary	3L:-:33917280-33917260	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_77912	GFDQTVNVILDESHER	AGAP011837-PA	-	38	0.002717115	1	1858.891	-0.87	Head	3L:-:33917259-33917212	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_112593	GDNIAIIGQLDESVDSK	AGAP011837-PA	-	70	1.73E-06	1	1773.888	0.72	Malpighian tubule	3L:-:33917154-33917104	exon=> In CDS Exon 1 of transcript AGAP011837-PA
JHU_Ag_53073	VHQLQPSITPAATTTTTTTPR	AGAP011839-PA	-	64	2.66E-06	1	2222.183	2.24	Head	3L:-:33925371-33925309	exon=> In CDS Exon 5 of transcript AGAP011839-PA
JHU_Ag_72328	ALYSGIWPAVLR	AGAP011839-PA	-	40	0.000776794	2	1345.762	-0.82	Male reproductive organs	3L:-:33926803-33926937,33925597-33925992	exon=> In CDS Exon 3 and 2 of transcript AGAP011839-PA
JHU_Ag_107075	ALYSGIWPAVLR	AGAP011839-PA	-	60	7.25E-06	2	1345.762	-0.36	Head	3L:-:33926803-33926937,33925597-33925992	exon=> In CDS Exon 3 and 2 of transcript AGAP011839-PA
JHU_Ag_116294	RVHQLQPSITPAATTTTTTTPR	AGAP011839-PA	-	98	1.17E-09	1	2378.282	1.46	Head	3L:-:33925374-33925309	exon=> In CDS Exon 5 of transcript AGAP011839-PA
JHU_Ag_74577	LLVLDR	AGAP011840-PA	-	30	0.002952033	2	728.466	-0.25	Midgut	3L:-:33930562-33930545	exon=> In CDS Exon 3 of transcript AGAP011840-PA
JHU_Ag_95841	ILAMADVIRLK	AGAP011840-PA	-	29	0.002334381	1	1242.762	1.65	Visceras	3L:-:33931626-33931594	exon=> In CDS Exon 1 of transcript AGAP011840-PA

JHU_Ag_15686	HALDDSVK	AGAP011842-PA	-	70	9.02E-07	2	884.448	0.27	Midgut	3L:+:33981161-33981184	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_21891	EHFAIIDGR	AGAP011842-PA	-	37	0.002139468	3	1057.545	2.14	Salivary gland	3L:+:33981215-33981241	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_33409	GIFVVGNQK	AGAP011842-PA	-	45	0.000377914	1	961.545	-1.86	Midgut	3L:+:33981401-33981427	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_39425	SVANFIDVNGLVLDDLVASEVNR	AGAP011842-PA	N9(Deamidated)	124	4.59E-12	2	2460.272	4.16	Midgut	3L:+:33981551-33981619	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_59216	SVANFIDVNGLVLDDLVASEVNR	AGAP011842-PA	-	148	1.79E-14	1	2459.274	-1.48	Ovary	3L:+:33981551-33981619	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_70064	QSETVPAKEEEVVQINK	AGAP011842-PA	-	83	6.34E-08	1	1928.002	2.61	Salivary gland	3L:+:33980953-33980985,33981122-33981139	exon=> In CDS Exon 1 and 2 of transcript AGAP011842-PA
JHU_Ag_75022	NALMEHSNMK	AGAP011842-PA	M4(Oxidation), M9(Oxidation)	40	0.000720811	1	1206.524	-0.31	Midgut	3L:+:33981185-33981214	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_83557	IVNSLNADR	AGAP011842-PA	-	64	7.68E-06	2	1001.538	0.65	Ovary	3L:+:33981620-33981646	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_92643	YDDKYELTVQLK	AGAP011842-PA	-	88	2.27E-08	1	1514.773	-0.33	Midgut	3L:+:33981479-33981514	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_101099	GIFVVGNQK	AGAP011842-PA	-	55	2.65E-05	1	961.548	1.68	Salivary gland	3L:+:33981401-33981427	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_101707	QSETVPAKEEEVVQINK	AGAP011842-PA	-	84	5.87E-08	1	1927.997	-0.34	Midgut	3L:+:33980953-33980985,33981122-33981139	exon=> In CDS Exon 1 and 2 of transcript AGAP011842-PA
JHU_Ag_102108	HALDDSVK	AGAP011842-PA	-	33	0.004430177	2	884.448	0.82	Salivary gland	3L:+:33981161-33981184	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_106809	IVNSLNADR	AGAP011842-PA	-	60	1.65E-05	2	1001.537	-0.26	Salivary gland	3L:+:33981620-33981646	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_114162	IVNSLNADRK	AGAP011842-PA	-	57	2.44E-05	1	1129.633	0.69	Salivary gland	3L:+:33981620-33981649	exon=> In CDS Exon 2 of transcript AGAP011842-PA
JHU_Ag_10598	LLQGTTISQGGVMPNIHSVLLPR	AGAP011845-PA	M13(Oxidation)	137	5.70E-14	1	2447.347	1.08	Ovary	3L:-:33985413-33985345	exon=> In CDS Exon 2 of transcript AGAP011845-PA
JHU_Ag_39214	LLQGTTISQGGVMPNIHSVLLPR	AGAP011845-PA	M13(Oxidation)	115	1.05E-11	1	2447.345	0.33	Male reproductive organs	3L:-:33985413-33985345	exon=> In CDS Exon 2 of transcript AGAP011845-PA
JHU_Ag_45814	HIQLAVR	AGAP011845-PA	-	42	0.000113546	1	836.510	0.2	Ovary	3L:-:33985455-33985435	exon=> In CDS Exon 2 of transcript AGAP011845-PA
JHU_Ag_63019	AGLTFSVSR	AGAP011845-PA	-	59	1.45E-05	2	937.509	-1.26	Ovary	3L:-:33985638-33985612	exon=> In CDS Exon 2 of transcript AGAP011845-PA
JHU_Ag_73479	AAGNSSSQEKQSQEY	AGAP011845-PA	-	69	7.91E-07	1	1613.705	0.5	Malpighian tubule	3L:-:33985329-33985285	exon=> In CDS Exon 2 of transcript AGAP011845-PA
JHU_Ag_80514	AGLTFSVSR	AGAP011845-PA	-	65	3.67E-06	2	937.510	-0.74	Male reproductive organs	3L:-:33985638-33985612	exon=> In CDS Exon 2 of transcript AGAP011845-PA
JHU_Ag_1116	GAHQGPFLASGSR	AGAP011849-PA	-	45	0.000395565	1	1284.646	1.17	Ovary	3L:+:34041675-34041713	exon=> In CDS Exon 3 of transcript AGAP011849-PA
JHU_Ag_9616	VWDFETGEYER	AGAP011849-PA	-	53	2.93E-05	1	1430.621	-0.92	Head	3L:+:34040996-34041028	exon=> In CDS Exon 1 of transcript AGAP011849-PA
JHU_Ag_35023	GIVFHPGGK	AGAP011849-PA	-	32	0.002845102	1	911.509	-0.6	Ovary	3L:+:34041872-34041898	exon=> In CDS Exon 4 of transcript AGAP011849-PA
JHU_Ag_68674	LSEAEKEVIEGAPTK	AGAP011849-PA	-	55	4.43E-05	1	1600.842	-0.34	Ovary	3L:+:34040810-34040854	exon=> In CDS Exon 1 of transcript AGAP011849-PA
JHU_Ag_71100	EHENTVECIAWAPESAAAAINEAAGADNKK	AGAP011849-PA	C8(Carbamidomethyl)	152	8.11E-15	1	3167.483	4.18	Ovary	3L:+:34041585-34041674	exon=> In CDS Exon 3 of transcript AGAP011849-PA
JHU_Ag_94069	GHTDSVQDLAFDSQGK	AGAP011849-PA	-	97	2.05E-09	1	1704.783	0.4	Ovary	3L:+:34041038-34041085	exon=> In CDS Exon 1 of transcript AGAP011849-PA
JHU_Ag_96136	GAHQGPFLASGSR	AGAP011849-PA	-	67	2.17E-06	1	1284.645	0.12	Head	3L:+:34041675-34041713	exon=> In CDS Exon 3 of transcript AGAP011849-PA

JHU_Ag_98092	GHTDSVQDLAFDSQGK	AGAP011849-PA	-	94	4.09E-09	2	1704.787	2.84	Head	3L:+:34041038-34041085	exon=> In CDS Exon 1 of transcript AGAP011849-PA
JHU_Ag_49929	SHAEQLDDAFQQK	AGAP011850-PA	-	60	8.49E-06	1	1516.700	-1.6	Ovary	3L:-:34046753-34046715	exon=> In CDS Exon 2 of transcript AGAP011850-PA
JHU_Ag_2274	ELGGDAAAFVAPR	AGAP011851-PA	-	58	2.63E-05	2	1273.651	-1.82	Salivary gland	3L:+:34054896-34054934	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_4537	HVDEEPNAAGSLRR	AGAP011851-PA	-	50	0.000174387	1	1550.770	2	Malpighian tubule	3L:+:34055874-34055915	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_5619	ELGGDAAAFVAPR	AGAP011851-PA	-	52	0.000121629	2	1273.653	-0.77	Ovary	3L:+:34054896-34054934	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_7563	HVDEEPNAAGSLRR	AGAP011851-PA	-	49	0.00020038	1	1550.767	-0.24	Pupa	3L:+:34055874-34055915	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_7995	AAVIDSIEPLIGAFK	AGAP011851-PA	-	40	0.000566669	1	1543.878	2.99	Salivary gland	3L:+:34056561-34056605	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_8260	AAVIDSIEPLIGAFK	AGAP011851-PA	-	55	2.00E-05	2	1543.877	2.76	Visceras	3L:+:34056561-34056605	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_15690	NRPAFTDADIVNVFPVVK	AGAP011851-PA	-	40	0.000689108	2	2002.084	3.96	Head	3L:+:34056690-34056743	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_17708	VATPYQVYTWTAPALEHTIDAIR	AGAP011851-PA	-	37	0.001710178	1	2616.363	6.55	Ovary	3L:+:34054521-34054589	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_30610	NIDGLQEGSVIR	AGAP011851-PA	-	46	0.000335313	2	1300.690	3.45	Malpighian tubule	3L:+:34053912-34053947	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_31457	NRPAFTDADIVNVFPVVK	AGAP011851-PA	-	69	1.16E-06	1	2002.076	0.17	Midgut	3L:+:34056690-34056743	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_33795	FNPDVYSPGIR	AGAP011851-PA	-	52	0.000112925	1	1264.629	-2.5	Midgut	3L:+:34055841-34055873	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_40704	EAAAAAAAAR	AGAP011851-PA	-	64	3.26E-06	2	872.463	4.64	Malpighian tubule	3L:+:34055667-34055696	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_41383	YLELLNAAGK	AGAP011851-PA	-	48	0.000143759	2	1091.610	0.41	Midgut	3L:+:34055133-34055162	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_43592	VLTTSAWNPPPGPR	AGAP011851-PA	-	44	0.000516301	2	1492.793	1.67	Midgut	3L:+:34054233-34054274	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_44652	ASDAYNFYTTGQTK	AGAP011851-PA	-	86	2.84E-08	1	1566.713	3.8	Malpighian tubule	3L:+:34056759-34056800	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_46502	NRPAFTDADIVNVFPVVK	AGAP011851-PA	-	87	1.80E-08	1	2002.076	0.3	Malpighian tubule	3L:+:34056690-34056743	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_49169	VLTTSAWNPPPGPR	AGAP011851-PA	-	38	0.001971532	2	1492.795	2.66	Pupa	3L:+:34054233-34054274	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_55428	LSYIMGDPQEALAIQQR	AGAP011851-PA	M5(Oxidation)	80	1.51E-07	2	1948.994	7.21	Malpighian tubule	3L:+:34056921-34056971	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_62373	AAVIDSIEPLIGAFK	AGAP011851-PA	-	38	0.001044512	2	1543.873	0.07	Midgut	3L:+:34056561-34056605	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_62924	ELGGDAAAFVAPR	AGAP011851-PA	-	69	2.19E-06	2	1273.655	1.44	Midgut	3L:+:34054896-34054934	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_62983	TPPVVAAAAGEQK	AGAP011851-PA	-	56	1.79E-05	2	1238.680	4.53	Malpighian tubule	3L:+:34053504-34053542	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_72941	VLTTSAWNPPPGPR	AGAP011851-PA	-	38	0.001925944	1	1492.797	3.88	Malpighian tubule	3L:+:34054233-34054274	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_73023	FLEHALALNIR	AGAP011851-PA	-	45	0.000135909	1	1296.747	3.41	Salivary gland	3L:+:34058056-34058088	exon=> In CDS Exon 3 of transcript AGAP011851-PA
JHU_Ag_74580	NIDGLQEGSVIR	AGAP011851-PA	-	48	0.000249956	2	1300.686	0.45	Midgut	3L:+:34053912-34053947	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_75140	ASDAYNFYTTGQTK	AGAP011851-PA	-	77	1.88E-07	2	1566.706	-0.64	Midgut	3L:+:34056759-34056800	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_76973	HYILDLLR	AGAP011851-PA	-	33	0.005347688	2	1042.604	-0.71	Ovary	3L:+:34055265-34055288	exon=> In CDS Exon 1 of transcript AGAP011851-PA

JHU_Ag_77787	TPPVVAAAAGEQK	AGAP011851-PA	-	80	8.89E-08	2	1238.676	1.38	Salivary gland	3L:+:34053504-34053542	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_82410	AAVIDSIEPLIGAFKLQK	AGAP011851-PA	-	58	2.21E-06	1	1913.119	4.35	Malpighian tubule	3L:+:34056561-34056614	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_86465	VATPYQVYTWTAPALEHTIDAIR	AGAP011851-PA	-	54	3.33E-05	1	2616.361	5.64	Salivary gland	3L:+:34054521-34054589	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_87509	TGVQILLQEYAFEQR	AGAP011851-PA	-	58	1.61E-05	2	1794.945	3.59	Malpighian tubule	3L:+:34056645-34056689	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_89840	AAVIDSIEPLIGAFK	AGAP011851-PA	-	70	5.90E-07	2	1543.876	2.04	Ovary	3L:+:34056561-34056605	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_101811	FNPDVYSPGIR	AGAP011851-PA	-	53	8.58E-05	2	1264.634	1.17	Pupa	3L:+:34055841-34055873	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_108604	VLTTSAWNPPPGPR	AGAP011851-PA	-	43	0.000597921	2	1492.796	3.55	Salivary gland	3L:+:34054233-34054274	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_116619	QELLEAFVENR	AGAP011851-PA	-	46	0.000408213	2	1347.696	4.06	Salivary gland	3L:+:34055406-34055438	exon=> In CDS Exon 1 of transcript AGAP011851-PA
JHU_Ag_446	AALDQFTR	AGAP011852-PA	-	46	0.000329425	2	921.479	0.43	Visceras	3L:-:34100524-34100501	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_9713	ATPLTVVTDVTKR	AGAP011852-PA	-	55	1.79E-05	1	1400.808	-2.25	Midgut	3L:-:34100836-34100798	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_10881	AALDQFTR	AGAP011852-PA	-	61	1.21E-05	2	921.479	0.63	Malpighian tubule	3L:-:34100524-34100501	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_12508	LALPHLLAAK	AGAP011852-PA	-	29	0.000832053	2	1046.673	0.5	Midgut	3L:-:34100629-34100600	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_13561	VNSVNPAVIVTNFHK	AGAP011852-PA	-	108	7.97E-11	1	1638.908	6.86	Midgut	3L:-:34100464-34101082,34100139-34100334	exon=> In CDS Exon 2 and 1 of transcript AGAP011852-PA
JHU_Ag_13694	GNIVNVSSVAGTNSFHNALSYCVSK	AGAP011852-PA	C22(Carbamidomethyl)	112	8.26E-11	2	2625.282	3.66	Malpighian tubule	3L:-:34100599-34100525	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_14987	VVLITGASSGIGASTAK	AGAP011852-PA	-	65	1.58E-06	2	1531.868	-0.81	Head	3L:-:34100980-34100930	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_18076	VDGGKHILTPR	AGAP011852-PA	-	64	1.83E-06	1	1192.680	0.3	Malpighian tubule	3L:-:34100174-34100142	exon=> In CDS Exon 2 of transcript AGAP011852-PA
JHU_Ag_19991	ATPLTVVTDVTK	AGAP011852-PA	-	69	1.13E-06	2	1244.709	-0.44	Midgut	3L:-:34100836-34100801	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_22711	AALDQFTR	AGAP011852-PA	-	54	5.73E-05	1	921.477	-2.16	Male reproductive organs	3L:-:34100524-34100501	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_23623	LAEVCKECAALGK	AGAP011852-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	91	1.36E-08	1	1448.727	2.02	Malpighian tubule	3L:-:34100875-34100837	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_25607	LLKLTIAK	AGAP011852-PA	-	27	0.000315567	1	899.630	1.6	Malpighian tubule	3L:-:34100782-34100759	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_30695	LALPHLLAAK	AGAP011852-PA	-	35	0.000194604	2	1046.672	-0.08	Visceras	3L:-:34100629-34100600	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_37001	YGRLDVLVNNAGK	AGAP011852-PA	-	75	2.95E-07	1	1418.779	2.65	Malpighian tubule	3L:-:34100758-34100720	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_42949	VVLITGASSGIGASTAK	AGAP011852-PA	-	144	2.13E-14	2	1531.870	0.55	Midgut	3L:-:34100980-34100930	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_43958	GAGGSIEEADLDQFDDILDTNLRSVFALTK	AGAP011852-PA	-	169	1.66E-16	1	3210.596	4.84	Malpighian tubule	3L:-:34100719-34100630	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_46375	VVLITGASSGIGASTAK	AGAP011852-PA	-	77	9.89E-08	2	1531.870	0.71	Malpighian tubule	3L:-:34100980-34100930	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_49527	ATPLTVVTDVTK	AGAP011852-PA	-	107	1.67E-10	1	1244.713	2.89	Malpighian tubule	3L:-:34100836-34100801	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_53289	SVFALTKLALPHLLAAK	AGAP011852-PA	-	32	0.000128242	1	1793.114	4.96	Malpighian tubule	3L:-:34100650-34100600	exon=> In CDS Exon 1 of transcript AGAP011852-PA

JHU_Ag_53960	YGRLDVLVNNAGK	AGAP011852-PA	-	65	2.81E-06	1	1418.776	0.32	Midgut	3L:-:34100758-34100720	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_56203	AALDQFTRCTALDLAAK	AGAP011852-PA	C9(Carbamidomethyl)	44	0.000546987	1	1864.968	4.91	Malpighian tubule	3L:-:34100524-34100474	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_58828	GAGGSIEEADLDQFDDILDTNLR	AGAP011852-PA	-	137	3.22E-13	2	2464.156	3.45	Visceras	3L:-:34100719-34100651	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_65203	ATPLTVVTDVTK	AGAP011852-PA	-	85	2.35E-08	2	1244.711	1.42	Visceras	3L:-:34100836-34100801	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_65490	CTALDLAAK	AGAP011852-PA	C1(Carbamidomethyl)	47	0.000316101	1	962.499	1.09	Malpighian tubule	3L:-:34100500-34100474	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_66849	LALPHLLAAK	AGAP011852-PA	-	38	8.81E-05	2	1046.675	3.07	Malpighian tubule	3L:-:34100629-34100600	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_71651	GAGGSIEEADLDQFDDILDTNLR	AGAP011852-PA	-	153	7.21E-15	1	2464.154	2.56	Malpighian tubule	3L:-:34100719-34100651	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_76070	AIGMEDEAYAAYLK	AGAP011852-PA	M4(Oxidation)	127	2.29E-12	1	1560.732	4.48	Malpighian tubule	3L:-:34100333-34100292	exon=> In CDS Exon 2 of transcript AGAP011852-PA
JHU_Ag_78348	ATPLTVVTDVTK	AGAP011852-PA	-	45	0.000224343	2	1244.716	5.25	Larva	3L:-:34100836-34100801	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_79687	GVRVNSVNPAVIVTNFHK	AGAP011852-PA	-	47	9.87E-05	1	1951.092	2.51	Malpighian tubule	3L:-:34100473-34101082,34100139-34100334	exon=> In CDS Exon 2 and 1 of transcript AGAP011852-PA
JHU_Ag_82196	VVLITGASSGIGASTAK	AGAP011852-PA	-	59	4.84E-06	2	1531.871	1.42	Visceras	3L:-:34100980-34100930	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_83990	LALPHLLAAKGNIVNVSSVAGTNSFHNALSYCVSK	AGAP011852-PA	C32(Carbamidomethyl)	114	9.36E-12	1	3652.954	7.4	Malpighian tubule	3L:-:34100629-34100525	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_85308	AIGMEDEAYAAYLKHCETTHPLGR	AGAP011852-PA	C16(Carbamidomethyl),"M4(Oxidation),C16(Carbamidomethyl)"	158	2.04E-15	1	2749.277	2.1	Malpighian tubule	3L:-:34100333-34100262	exon=> In CDS Exon 2 of transcript AGAP011852-PA
JHU_Ag_87480	SVFALTK	AGAP011852-PA	-	32	0.003079564	1	765.450	-0.31	Midgut	3L:-:34100650-34100630	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_90101	YLTNLGASCVLAAR	AGAP011852-PA	C9(Carbamidomethyl)	72	9.46E-07	2	1508.792	1.67	Visceras	3L:-:34100929-34100888	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_92808	ATPLTVVTDVTKR	AGAP011852-PA	-	64	1.80E-06	1	1400.817	4.37	Malpighian tubule	3L:-:34100836-34100798	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_98996	YLTNLGASCVLAAR	AGAP011852-PA	C9(Carbamidomethyl)	74	4.84E-07	2	1508.797	4.98	Larva	3L:-:34100929-34100888	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_100438	VNSVNPAVIVTNFHK	AGAP011852-PA	-	113	3.02E-11	1	1638.901	3.06	Malpighian tubule	3L:-:34100464-34101082,34100139-34100334	exon=> In CDS Exon 2 and 1 of transcript AGAP011852-PA
JHU_Ag_107783	YLTNLGASCVLAAR	AGAP011852-PA	C9(Carbamidomethyl)	121	9.59E-12	1	1508.794	3.29	Malpighian tubule	3L:-:34100929-34100888	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_108798	YLTNLGASCVLAAR	AGAP011852-PA	C9(Carbamidomethyl)	98	2.17E-09	1	1508.790	0.54	Midgut	3L:-:34100929-34100888	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_109158	HILTPR	AGAP011852-PA	-	31	0.000312651	1	736.446	-0.09	Malpighian tubule	3L:-:34100159-34100142	exon=> In CDS Exon 2 of transcript AGAP011852-PA
JHU_Ag_114475	LDVLVNNAGK	AGAP011852-PA	-	50	9.66E-05	1	1042.591	1.33	Malpighian tubule	3L:-:34100749-34100720	exon=> In CDS Exon 1 of transcript AGAP011852-PA
JHU_Ag_3971	AQSNDAPTDEKEEDTVLDVYR	AGAP011859-PA	-	67	2.48E-06	1	2395.101	4.57	Larva	3L:-:34277912-34277850	exon=> In CDS Exon 4 of transcript AGAP011859-PA
JHU_Ag_16178	YNAWYANSGK	AGAP011859-PA	-	56	1.44E-05	2	1173.532	-0.39	Midgut	3L:-:34276855-34276826	exon=> In CDS Exon 7 of transcript AGAP011859-PA
JHU_Ag_18118	SSIEQLIHR	AGAP011859-PA	-	40	0.00079957	2	1082.600	4.12	Larva	3L:-:34277372-34277346	exon=> In CDS Exon 6 of transcript AGAP011859-PA
JHU_Ag_18418	SSIEQLIHR	AGAP011859-PA	-	63	3.83E-06	2	1082.595	-0.28	Midgut	3L:-:34277372-34277346	exon=> In CDS Exon 6 of transcript AGAP011859-PA

JHU_Ag_21492	DHVGTVWYDR	AGAP011859-PA	-	39	0.001585 39	1	1247.580	-0.71	Midgut	3L:-:34278700-34278671	exon=> In CDS Exon 2 of transcript AGAP011859-PA
JHU_Ag_25817	TLEWNNSSFLINGKPIYFR	AGAP011859-PA	N12(Deamidated)	77	2.47E-07	2	2300.167	-1.65	Midgut	3L:-:34277831-34277775	exon=> In CDS Exon 4 of transcript AGAP011859-PA
JHU_Ag_26339	NGTLVSKDESEAK	AGAP011859-PA	N1(Deamidated)	61	1.52E-05	1	1378.669	-0.25	Midgut	3L:-:34278053-34278015	exon=> In CDS Exon 4 of transcript AGAP011859-PA
JHU_Ag_35112	VIEEAEAWNKK	AGAP011859-PA	-	90	1.52E-08	1	1316.684	-0.42	Midgut	3L:-:34276804-34276772	exon=> In CDS Exon 7 of transcript AGAP011859-PA
JHU_Ag_35468	DRNHPSVVMWSIANEPR	AGAP011859-PA	M9(Oxidation)	64	5.95E-06	1	2023.974	-1.53	Midgut	3L:-:34277345-34277295	exon=> In CDS Exon 6 of transcript AGAP011859-PA
JHU_Ag_46553	GLDLALLTK	AGAP011859-PA	-	55	1.04E-05	2	943.590	8.29	Larva	3L:-:34277652-34277626	exon=> In CDS Exon 5 of transcript AGAP011859-PA
JHU_Ag_49286	EKWYTDDLAR	AGAP011859-PA	-	45	0.000408 633	1	1296.623	0.51	Midgut	3L:-:34278799-34278770	exon=> In CDS Exon 2 of transcript AGAP011859-PA
JHU_Ag_49692	DFNLLK	AGAP011859-PA	-	42	0.000763 491	1	749.419	0	Midgut	3L:-:34277625-34277608	exon=> In CDS Exon 5 of transcript AGAP011859-PA
JHU_Ag_49875	TIQMPVPSSYNDVTEDAGLR	AGAP011859-PA	M4(Oxidation)	89	2.06E-08	2	2209.045	0.22	Midgut	3L:-:34278760-34278701	exon=> In CDS Exon 2 of transcript AGAP011859-PA
JHU_Ag_49982	SVVLYTVPR	AGAP011859-PA	-	62	3.57E-06	2	1033.604	-0.16	Midgut	3L:-:34278206-34278180	exon=> In CDS Exon 4 of transcript AGAP011859-PA
JHU_Ag_56651	SSIEQLIHR	AGAP011859-PA	-	48	0.000136 728	2	1082.595	0.06	Pupa	3L:-:34277372-34277346	exon=> In CDS Exon 6 of transcript AGAP011859-PA
JHU_Ag_60372	MVASPYFEAVAQYTK	AGAP011859-PA	M1(Oxidation)	68	3.06E-06	1	1720.832	4.24	Larva	3L:-:34277285-34277241	exon=> In CDS Exon 6 of transcript AGAP011859-PA
JHU_Ag_64553	NHPSVVMWSIANEPR	AGAP011859-PA	-	73	1.00E-06	2	1736.854	-0.06	Midgut	3L:-:34277339-34277295	exon=> In CDS Exon 6 of transcript AGAP011859-PA
JHU_Ag_68824	VIEEAEAWNK	AGAP011859-PA	-	49	0.000187 643	2	1188.588	-1.39	Midgut	3L:-:34276804-34276775	exon=> In CDS Exon 7 of transcript AGAP011859-PA
JHU_Ag_71747	AAAYLLR	AGAP011859-PA	-	46	0.000214 83	2	777.462	0	Midgut	3L:-:34276370-34276350	exon=> In CDS Exon 9 of transcript AGAP011859-PA
JHU_Ag_73978	GLDLALLTK	AGAP011859-PA	-	45	0.000232 011	1	943.582	-0.04	Midgut	3L:-:34277652-34277626	exon=> In CDS Exon 5 of transcript AGAP011859-PA
JHU_Ag_78213	AQSNDAPTDEKEEDTVLDVYR	AGAP011859-PA	-	135	3.85E-13	1	2395.088	-0.86	Midgut	3L:-:34277912-34277850	exon=> In CDS Exon 4 of transcript AGAP011859-PA
JHU_Ag_80868	YHALGELGK	AGAP011859-PA	-	51	0.000102 552	1	987.526	0.22	Midgut	3L:-:34276343-34276317	exon=> In CDS Exon 9 of transcript AGAP011859-PA
JHU_Ag_86592	GLDLALLTK	AGAP011859-PA	-	58	6.13E-06	2	943.584	1.82	Pupa	3L:-:34277652-34277626	exon=> In CDS Exon 5 of transcript AGAP011859-PA
JHU_Ag_86876	SHLPDDLFLYTAPENSQLSQEK	AGAP011859-PA	-	45	0.000566 259	3	2532.224	-0.72	Midgut	3L:-:34276316-34276251	exon=> In CDS Exon 9 of transcript AGAP011859-PA
JHU_Ag_92971	ITVLCDNVLLQVTVPQGK	AGAP011859-PA	C5(Carbamidomethyl)	67	9.15E-07	2	1997.105	-2.4	Midgut	3L:-:34278415-34278362	exon=> In CDS Exon 3 of transcript AGAP011859-PA
JHU_Ag_95942	SVVLYTVPR	AGAP011859-PA	-	62	2.62E-06	2	1033.609	4.33	Larva	3L:-:34278206-34278180	exon=> In CDS Exon 4 of transcript AGAP011859-PA
JHU_Ag_103066	VDYQVTTSTNETDHLLLK	AGAP011859-PA	-	57	2.88E-05	1	2077.050	2.7	Midgut	3L:-:34278125-34278072	exon=> In CDS Exon 4 of transcript AGAP011859-PA
JHU_Ag_104065	MVASPYFEAVAQYTK	AGAP011859-PA	M1(Oxidation)	115	5.20E-11	2	1720.825	0.06	Midgut	3L:-:34277285-34277241	exon=> In CDS Exon 6 of transcript AGAP011859-PA
JHU_Ag_105523	SSIEQLIHR	AGAP011859-PA	-	53	4.37E-05	1	1082.592	-3.1	Head	3L:-:34277372-34277346	exon=> In CDS Exon 6 of transcript AGAP011859-PA
JHU_Ag_106483	VDNQAIDNGVELVQSYTFDFFNYAGIHR	AGAP011859-PA	-	125	5.03E-12	1	3232.535	0.49	Midgut	3L:-:34278361-34278511,34277748-34278207	exon=> In CDS Exon 4 and 3 of transcript AGAP011859-PA
JHU_Ag_852	IAVTDSALQAEENGGGGGGAGGEDLDPDRIGR	AGAP011872-PA	-	62	8.40E-06	1	3054.442	1.87	Salivary gland	3L:-:34566585-34566490	exon=> In CDS Exon 2 of transcript AGAP011872-PA

JHU_Ag_1599	IAVTDSALQAEENGGGGGGAGGEDLDPDR	AGAP011872-PA	-	84	3.92E-08	2	2728.225	-1.48	Ovary	3L:-:34566585-34566499	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_4598	LAQGFNTLER	AGAP011872-PA	-	79	1.65E-07	2	1148.606	0.3	Salivary gland	3L:-:34566243-34566618,34565744-34566140	exon=> In CDS Exon 3 and 2 of transcript AGAP011872-PA
JHU_Ag_7619	MYFEEQYSNQIR	AGAP011872-PA	M1(Oxidation)	95	1.80E-09	1	1623.710	-0.73	Midgut	3L:-:34566956-34566921	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_10327	AEVYGIPQQR	AGAP011872-PA	-	54	7.73E-05	2	1160.606	-0.01	Midgut	3L:-:34566773-34566744	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_17141	LAQGFNTLER	AGAP011872-PA	-	52	8.57E-05	2	1148.610	3.28	Ovary	3L:-:34566243-34566618,34565744-34566140	exon=> In CDS Exon 3 and 2 of transcript AGAP011872-PA
JHU_Ag_21079	MYFEEQYSNQIR	AGAP011872-PA	M1(Oxidation)	59	6.91E-06	2	1623.710	-0.35	Salivary gland	3L:-:34566956-34566921	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_22964	IVMTIEVPK	AGAP011872-PA	-	57	1.49E-05	2	1029.602	0.26	Salivary gland	3L:-:34566722-34566956,34566233-34566610	exon=> In CDS Exon 2 and 1 of transcript AGAP011872-PA
JHU_Ag_23828	AEVYGIPQQR	AGAP011872-PA	-	48	0.000286465	2	1160.607	0.83	Head	3L:-:34566773-34566744	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_26671	IVMTIEVPKFTPR	AGAP011872-PA	M3(Oxidation)	64	1.14E-06	1	1530.880	5.46	Malpighian tubule	3L:-:34566722-34566956,34566233-34566598	exon=> In CDS Exon 2 and 1 of transcript AGAP011872-PA
JHU_Ag_34047	LQSELAALGKPDFTITPLEFEKDDDNNLHMDFIVAASNLR	AGAP011872-PA	M30(Oxidation)	125	2.17E-12	1	4504.245	2.47	Malpighian tubule	3L:-:34566489-34566370	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_34614	LQSELAALGKPDFTITPLEFEK	AGAP011872-PA	-	139	7.93E-14	1	2447.315	3.13	Head	3L:-:34566489-34566424	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_37090	IVMTIEVPK	AGAP011872-PA	-	35	0.002554064	2	1029.602	0.74	Ovary	3L:-:34566722-34566956,34566233-34566610	exon=> In CDS Exon 2 and 1 of transcript AGAP011872-PA
JHU_Ag_41910	KIVMTIEVPK	AGAP011872-PA	-	54	1.06E-05	2	1157.696	-0.61	Ovary	3L:-:34566725-34566956,34566233-34566610	exon=> In CDS Exon 2 and 1 of transcript AGAP011872-PA
JHU_Ag_43490	IAVTDSALQAEENGGGGGGAGGEDLDPDRIGR	AGAP011872-PA	-	234	6.08E-23	1	3054.447	3.73	Malpighian tubule	3L:-:34566585-34566490	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_44481	IAVTDSALQAEENGGGGGGAGGEDLDPDR	AGAP011872-PA	-	96	2.50E-09	1	2728.232	0.98	Malpighian tubule	3L:-:34566585-34566499	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_44609	LAQGFNTLER	AGAP011872-PA	-	75	3.98E-07	2	1148.605	-0.44	Head	3L:-:34566243-34566618,34565744-34566140	exon=> In CDS Exon 3 and 2 of transcript AGAP011872-PA
JHU_Ag_47904	RLPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	139	9.56E-14	1	3013.577	3.23	Malpighian tubule	3L:-:34566851-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_48442	RLPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	45	0.000237264	1	3013.576	2.82	Salivary gland	3L:-:34566851-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_48452	MYFEEQYSNQIR	AGAP011872-PA	M1(Oxidation)	48	0.000106697	2	1623.714	2.05	Male reproductive organs	3L:-:34566956-34566921	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_50263	MYFEEQYSNQIR	AGAP011872-PA	M1(Oxidation)	88	1.66E-08	2	1607.721	2.93	Malpighian tubule	3L:-:34566956-34566921	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_50289	LPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	80	8.12E-08	1	2857.469	1.14	Visceras	3L:-:34566848-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_50347	AEVYGIPQQR	AGAP011872-PA	-	47	0.000369889	1	1160.606	0.41	Male reproductive organs	3L:-:34566773-34566744	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_51913	GELTLQEFLDYFER	AGAP011872-PA	-	112	9.64E-11	1	1759.860	3.47	Ovary	3L:-:34566019-34565978	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_52066	LPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	144	2.98E-14	1	2857.465	-0.34	Malpighian tubule	3L:-:34566848-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA

JHU_Ag_57584	IVMTIEVPK	AGAP011872-PA	M3(Oxidation)	54	4.51E-05	2	1045.597	0.92	Malpighian tubule	3L:-:34566722-34566956,34566233-34566610	exon=> In CDS Exon 2 and 1 of transcript AGAP011872-PA
JHU_Ag_58681	MYFEEQYSNQIR	AGAP011872-PA	M1(Oxidation)	35	0.001554426	2	1623.705	-3.29	Pupa	3L:-:34566956-34566921	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_61369	RLPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	73	3.94E-07	1	3013.573	1.93	Visceras	3L:-:34566851-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_61788	IAVTDSALQAEENGGGGGGAGGEDLDPDRIGR	AGAP011872-PA	-	178	2.28E-17	1	3054.441	1.45	Head	3L:-:34566585-34566490	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_63947	SIEPHVR	AGAP011872-PA	-	39	0.001373527	1	837.455	-3.07	Head	3L:-:34565845-34565825	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_66818	IAVTDSALQAEENGGGGGGAGGEDLDPDRIGR	AGAP011872-PA	-	158	1.98E-15	1	3054.430	-2.14	Ovary	3L:-:34566585-34566490	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_66834	LPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	43	0.00040666	1	2857.473	2.61	Head	3L:-:34566848-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_68835	LQSELAALGKPDFTITPLEFEK	AGAP011872-PA	-	41	0.000473547	1	2447.324	7.02	Larva	3L:-:34566489-34566424	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_69356	AEVYGIPQQR	AGAP011872-PA	-	41	0.001355412	1	1160.606	-0.11	Salivary gland	3L:-:34566773-34566744	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_69422	RLPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	153	3.24E-15	1	3013.579	3.92	Ovary	3L:-:34566851-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_70911	MYFEEQYSNQIR	AGAP011872-PA	M1(Oxidation)	64	2.37E-06	2	1623.717	4.01	Head	3L:-:34566956-34566921	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_72024	LNLPMSEVVR	AGAP011872-PA	M5(Oxidation)	35	0.005272478	2	1173.631	1.46	Malpighian tubule	3L:-:34565890-34565861	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_72354	LQSELAALGKPDFTITPLEFEK	AGAP011872-PA	-	125	1.68E-12	1	2447.320	5.15	Pupa	3L:-:34566489-34566424	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_74038	GELTLQEFLDYFER	AGAP011872-PA	-	98	2.57E-09	1	1759.859	3.19	Head	3L:-:34566019-34565978	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_79697	LPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	45	0.000236695	1	2857.479	4.53	Salivary gland	3L:-:34566848-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_81202	SIEPHVR	AGAP011872-PA	-	33	0.002721774	1	837.461	3.49	Malpighian tubule	3L:-:34565845-34565825	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_81778	IMPAIATTTSLVAGCASLELYK	AGAP011872-PA	M2(Oxidation), C15(Carbamidomethyl),C15(Carbamidomethyl)	71	9.14E-07	1	2326.207	1.47	Salivary gland	3L:-:34566309-34566244	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_83949	LPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	151	5.93E-15	1	2857.475	3.32	Ovary	3L:-:34566848-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_85645	LAQGFNTLER	AGAP011872-PA	-	48	0.000243698	2	1148.606	0.2	Male reproductive organs	3L:-:34566243-34566618,34565744-34566140	exon=> In CDS Exon 3 and 2 of transcript AGAP011872-PA
JHU_Ag_86002	AEVYGIPQQR	AGAP011872-PA	-	41	0.001614345	2	1160.607	1.04	Ovary	3L:-:34566773-34566744	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_87601	AEVYGIPQQR	AGAP011872-PA	-	50	0.000177489	2	1160.608	1.57	Malpighian tubule	3L:-:34566773-34566744	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_87927	ALVFEICCNDEEGEDVEVPYVR	AGAP011872-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	44	0.000510391	1	2642.181	2.43	Malpighian tubule	3L:-:34565824-34565759	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_88412	LQSELAALGKPDFTITPLEFEK	AGAP011872-PA	-	82	4.07E-08	1	2447.311	1.64	Ovary	3L:-:34566489-34566424	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_90119	RLPEAITFDPEEPLHLDYIFATANLK	AGAP011872-PA	-	85	2.19E-08	1	3013.572	1.73	Midgut	3L:-:34566851-34566774	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_93820	GELTLQEFLDYFER	AGAP011872-PA	-	120	1.66E-11	1	1759.855	0.76	Malpighian tubule	3L:-:34566019-34565978	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_97237	MYFEEQYSNQIR	AGAP011872-PA	M1(Oxidation)	100	8.91E-10	1	1607.716	-0.1	Ovary	3L:-:34566956-34566921	exon=> In CDS Exon 1 of transcript AGAP011872-PA

JHU_Ag_98494	IAVTDSALQAEENGGGGGGAGGEDLDPDR	AGAP011872-PA	N13(Deamidated)	137	1.90E-13	2	2729.222	3.31	Head	3L:-:34566585-34566499	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_99370	DDDNNLHMDFIVAASNLR	AGAP011872-PA	M8(Oxidation)	51	0.000101676	1	2059.959	4.13	Head	3L:-:34566423-34566370	exon=> In CDS Exon 2 of transcript AGAP011872-PA
JHU_Ag_99916	LAQGFNTLER	AGAP011872-PA	-	70	1.33E-06	2	1148.611	4.02	Malpighian tubule	3L:-:34566243-34566618,34565744-34566140	exon=> In CDS Exon 3 and 2 of transcript AGAP011872-PA
JHU_Ag_100735	LNLPMSEVVR	AGAP011872-PA	-	54	5.21E-05	2	1157.636	0.99	Salivary gland	3L:-:34565890-34565861	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_103989	NGFLNLALPFFTFSEPIQAK	AGAP011872-PA	-	37	0.002015965	1	2254.192	0.46	Malpighian tubule	3L:-:34566133-34566074	exon=> In CDS Exon 3 of transcript AGAP011872-PA
JHU_Ag_107154	AEVYGIPQQR	AGAP011872-PA	-	51	0.000161462	2	1160.606	-0.01	Pupa	3L:-:34566773-34566744	exon=> In CDS Exon 1 of transcript AGAP011872-PA
JHU_Ag_116855	IMPAIATTTSLVAGCASLELYKLAQGFNTLER	AGAP011872-PA	M2(Oxidation), C15(Carbamidomethyl)	42	0.000351536	1	3455.815	6.72	Malpighian tubule	3L:-:34566309-34566618,34565744-34566140	exon=> In CDS Exon 3 and 2 of transcript AGAP011872-PA
JHU_Ag_42566	SSGEFRDSLVDPPAAK	AGAP011873-PA	N-Term(Acetyl)	48	0.000257616	2	1717.850	6.13	Malpighian tubule	3L:-:34573633-34573586	exon=> In CDS Exon 1 of transcript AGAP011873-PA
JHU_Ag_81159	EALILSLK	AGAP011874-PA	-	26	0.005217022	2	886.560	-0.62	Midgut	3L:-:34577491-34577468	exon=> In CDS Exon 7 of transcript AGAP011874-PA
JHU_Ag_45768	EQTPEEGLQR	AGAP011875-PA	Q9(Deamidated)	43	0.000491401	2	1187.569	12.71	Male reproductive organs	3L:-:34592101-34592072	exon=> In CDS Exon 6 of transcript AGAP011875-PA
JHU_Ag_4726	LSLENFK	AGAP011876-PA,AGAP005372-PA	-	35	0.003684053	2	850.467	-0.39	Pupa	3L:+:34604484-34604504;2L:-:14714846-14714826	exon=> In CDS Exon 1 of transcript AGAP011876-PA;exon=> In CDS Exon 1 of transcript AGAP005372-PA
JHU_Ag_112978	VKDLVLLK	AGAP011879-PA	-	20	0.003681867	1	927.624	0.25	Salivary gland	3L:-:34607198-34607175	exon=> In CDS Exon 6 of transcript AGAP011879-PA
JHU_Ag_79195	RLDLAFSK	AGAP011880-PA	-	35	0.002972962	1	949.533	-14.05	Ovary	3L:+:34610572-34610595	exon=> In CDS Exon 2 of transcript AGAP011880-PA
JHU_Ag_100976	QQLQQTELSNAALAR	AGAP011883-PA	-	100	1.18E-09	2	1670.883	0.31	Malpighian tubule	3L:+:34625883-34625927	exon=> In CDS Exon 2 of transcript AGAP011883-PA
JHU_Ag_19301	HEIALDVLR	AGAP011884-PA	-	47	0.000116079	2	1065.609	3.53	Ovary	3L:-:34627256-34627230	exon=> In CDS Exon 1 of transcript AGAP011884-PA
JHU_Ag_43380	LNPNAKPVALVPK	AGAP011884-PA	-	23	0.004248567	1	1360.835	2.59	Malpighian tubule	3L:-:34626980-34626942	exon=> In CDS Exon 1 of transcript AGAP011884-PA
JHU_Ag_56866	GYGFVSFPK	AGAP011884-PA	-	49	0.00014495	2	1001.509	-0.17	Ovary	3L:-:34627283-34627257	exon=> In CDS Exon 1 of transcript AGAP011884-PA
JHU_Ag_79410	LTIHNIPQSYTNEDLRK	AGAP011884-PA	-	60	1.08E-05	1	2042.077	5.25	Ovary	3L:-:34627427-34627377	exon=> In CDS Exon 1 of transcript AGAP011884-PA
JHU_Ag_100169	KLNNNPSVFGK	AGAP011884-PA	-	39	0.001245702	2	1217.674	8.52	Malpighian tubule	3L:-:34627229-34627197	exon=> In CDS Exon 1 of transcript AGAP011884-PA
JHU_Ag_110392	KIQELQEK	AGAP011884-PA	Q3(Deamidated), Q6(Deamidated)	40	0.001679571	1	1017.558	11.04	Malpighian tubule	3L:-:34627091-34627068	exon=> In CDS Exon 1 of transcript AGAP011884-PA
JHU_Ag_113867	EDAFFNEAIGK	AGAP011884-PA	-	52	8.70E-05	2	1240.586	1.09	Ovary	3L:-:34626689-34626657	exon=> In CDS Exon 1 of transcript AGAP011884-PA
JHU_Ag_30391	GSDVLSHPDYFGVHK	AGAP011886-PA	-	43	0.000699866	1	1657.796	-0.83	Male reproductive organs	3L:-:34630737-34630693	exon=> In CDS Exon 1 of transcript AGAP011886-PA
JHU_Ag_74544	LFTVEDLFK	AGAP011886-PA	-	36	0.001849934	2	1111.605	1.43	Ovary	3L:-:34630692-34630666	exon=> In CDS Exon 1 of transcript AGAP011886-PA
JHU_Ag_77208	DGIILFFNR	AGAP011886-PA	-	43	0.000356699	2	1094.602	2.28	Visceras	3L:-:34630509-34630483	exon=> In CDS Exon 1 of transcript AGAP011886-PA
JHU_Ag_81256	LFTVEDLFK	AGAP011886-PA	-	56	1.71E-05	2	1111.605	1.43	Visceras	3L:-:34630692-34630666	exon=> In CDS Exon 1 of transcript AGAP011886-PA
JHU_Ag_81751	GSDVLSHPDYFGVHK	AGAP011886-PA	-	47	0.000297177	1	1657.796	-0.76	Pupa	3L:-:34630737-34630693	exon=> In CDS Exon 1 of transcript AGAP011886-PA

JHU_Ag_82852	LFTVEDLFK	AGAP011886-PA	-	43	0.000426587	2	1111.605	1.76	Pupa	3L:-:34630692-34630666	exon=> In CDS Exon 1 of transcript AGAP011886-PA
JHU_Ag_106694	GSDVLSHPDYFGVHK	AGAP011886-PA	-	50	0.000163202	1	1657.788	-5.18	Head	3L:-:34630737-34630693	exon=> In CDS Exon 1 of transcript AGAP011886-PA
JHU_Ag_13463	SRPHSVAFAPETSLAVVPK	AGAP011887-PA	-	77	1.25E-07	1	1993.085	-0.7	Midgut	3L:-:34632034-34631978	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_22673	EDYSQGPSFFFGSAVQSAK	AGAP011887-PA	-	138	1.83E-13	1	2051.932	-1.3	Ovary	3L:-:34631788-34631732	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_24274	FSPHSESVVASIGRPNATLK	AGAP011887-PA	-	59	1.27E-05	1	2097.111	1.1	Head	3L:-:34631473-34631414	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_24960	SRPHSVAFAPETSLAVVPK	AGAP011887-PA	-	97	1.02E-09	1	1993.088	0.68	Head	3L:-:34632034-34631978	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_27431	FSPHSESVVASIGRPNATLK	AGAP011887-PA	-	34	0.003731103	1	2097.107	-0.91	Midgut	3L:-:34631473-34631414	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_38423	SRPHSVAFAPETSLAVVPK	AGAP011887-PA	-	95	1.51E-09	1	1993.091	1.97	Malpighian tubule	3L:-:34632034-34631978	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_43319	SRPHSVAFAPETSLAVVPK	AGAP011887-PA	-	113	2.82E-11	1	1993.092	2.7	Ovary	3L:-:34632034-34631978	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_56974	GCIFSWDLK	AGAP011887-PA	C2(Carbamidomethyl)	43	0.000656873	1	1125.541	1.02	Ovary	3L:-:34631560-34631534	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_72004	VVLASAGSDYK	AGAP011887-PA	-	79	1.52E-07	2	1109.584	-0.2	Ovary	3L:-:34631974-34631942	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_85508	LPQIEAK	AGAP011887-PA	-	36	0.001222813	1	798.472	0.32	Ovary	3L:-:34631392-34631372	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_102604	KVVLASAGSDYK	AGAP011887-PA	-	79	1.14E-07	1	1237.678	-0.47	Ovary	3L:-:34631977-34631942	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_102668	FSPHSESVVASIGRPNATLK	AGAP011887-PA	-	110	1.02E-10	1	2097.111	0.99	Ovary	3L:-:34631473-34631414	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_105595	LILGSVR	AGAP011887-PA	-	45	0.000386503	1	757.493	0.08	Ovary	3L:-:34632189-34632169	exon=> In CDS Exon 1 of transcript AGAP011887-PA
JHU_Ag_117824	CKEDYSQGPSFFFGSAVQSAK	AGAP011887-PA	C1(Carbamidomethyl)	105	3.39E-10	1	2340.061	0.16	Ovary	3L:-:34631794-34631732	exon=> In CDS Exon 2 of transcript AGAP011887-PA
JHU_Ag_35869	HASYSLAHPAALIWTTLLK	AGAP011888-PA	-	46	8.38E-05	1	2093.178	11.16	Ovary	3L:+:34635227-34635283	exon=> In CDS Exon 2 of transcript AGAP011888-PA
JHU_Ag_65533	NAHTFIEYVGLNRPAIEPFATTVEDPYNVNRR	AGAP011888-PA	-	50	7.20E-05	1	3703.887	6.86	Ovary	3L:+:34636229-34636324	exon=> In CDS Exon 2 of transcript AGAP011888-PA
JHU_Ag_82116	TDFLEIFR	AGAP011888-PA	-	59	1.18E-05	2	1040.542	0.95	Ovary	3L:+:34635476-34635499	exon=> In CDS Exon 2 of transcript AGAP011888-PA
JHU_Ag_109392	DAVNQILQYLK	AGAP011889-PA	-	42	0.000598119	2	1304.727	5.02	Ovary	3L:-:34639847-34639815	exon=> In CDS Exon 3 of transcript AGAP011889-PA
JHU_Ag_67885	DLKPENLLYTSPHPNAILK	AGAP011890-PA	-	80	3.86E-08	1	2163.184	1.59	Head	3L:+:34653833-34653889	exon=> In CDS Exon 4 of transcript AGAP011890-PA
JHU_Ag_109332	RYTEVPQTPLHTGR	AGAP011890-PA	-	40	0.001146365	3	1654.868	1.31	Malpighian tubule	3L:+:34654439-34654480	exon=> In CDS Exon 6 of transcript AGAP011890-PA
JHU_Ag_63224	IIGDVISLIEK	AGAP011892-PA	-	70	3.87E-07	1	1199.724	-0.39	Ovary	3L:-:34661480-34661448	exon=> In CDS Exon 1 of transcript AGAP011892-PA
JHU_Ag_83806	DELPIEIELEPDNR	AGAP011892-PA	-	48	0.000227202	2	1681.839	6.56	Head	3L:-:34660511-34661570,34659760-34659889	exon=> In CDS Exon 2 and 1 of transcript AGAP011892-PA
JHU_Ag_8225	ILVTATSNYACNELAK	AGAP011893-PA	C11(Carbamidomethyl)	97	2.92E-09	1	1767.894	-0.37	Midgut	3L:-:34664917-34664870	exon=> In CDS Exon 2 of transcript AGAP011893-PA
JHU_Ag_84750	LDFSSILFPK	AGAP011893-PA	-	55	1.81E-05	2	1166.644	-1.02	Midgut	3L:-:34665836-34665807	exon=> In CDS Exon 1 of transcript AGAP011893-PA
JHU_Ag_90563	TAYPAPYILFGPPGTGK	AGAP011893-PA	-	59	1.67E-05	1	1749.914	-4	Midgut	3L:-:34665025-34664975	exon=> In CDS Exon 2 of transcript AGAP011893-PA

JHU_Ag_1608	VGPNVTLQGNLDPQDMYKPPEELR	AGAP011895-PA	M16(Oxidation)	111	1.05E-10	1	2710.345	-1.91	Midgut	3L:+:34674141-34674212	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_2632	TPELACEVTMQPLR	AGAP011895-PA	C6(Carbamidomethyl), M10(Oxidation),C6(Carbamidomethyl)	98	2.30E-09	1	1644.809	0.1	Malpighian tubule	3L:+:34673442-34673483	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_3553	ELVLTMVR	AGAP011895-PA	M6(Oxidation)	46	0.000197462	2	976.549	-1.15	Ovary	3L:+:34674213-34674236	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_3940	AGAQMLQVFESSADHLSK	AGAP011895-PA	-	59	2.07E-05	1	1918.934	0.48	Pupa	3L:+:34673883-34673936	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_6363	AGAQMLQVFESSADHLSK	AGAP011895-PA	M5(Oxidation)	121	1.24E-11	1	1934.928	0.33	Salivary gland	3L:+:34673883-34673936	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_7623	LLDILTDQVVDYLVMQVK	AGAP011895-PA	M15(Oxidation)	156	1.30E-15	1	2121.156	2.14	Ovary	3L:+:34673829-34673882	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_8472	ELVLTMVR	AGAP011895-PA	M6(Oxidation)	45	0.000274444	2	976.550	-0.03	Male reproductive organs	3L:+:34674213-34674236	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_9513	GWLADHPEASQK	AGAP011895-PA	-	75	4.49E-07	1	1338.644	0.07	Malpighian tubule	3L:+:34673793-34673828	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_9636	LNQTGTIER	AGAP011895-PA	-	54	8.14E-05	1	1031.547	-0.61	Midgut	3L:+:34673622-34673648	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_11880	AKHDFFTVCR	AGAP011895-PA	C9(Carbamidomethyl)	50	0.000186118	1	1280.622	1.35	Malpighian tubule	3L:+:34673412-34673441	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_12206	AGAQMLQVFESSADHLSK	AGAP011895-PA	M5(Oxidation)	147	3.55E-14	1	1934.927	-0.24	Ovary	3L:+:34673883-34673936	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_14305	ELVLTMVR	AGAP011895-PA	-	55	2.36E-05	2	960.555	0.2	Visceras	3L:+:34674213-34674236	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_18680	AKHDFFTVCR	AGAP011895-PA	C9(Carbamidomethyl)	58	3.09E-05	1	1280.620	-0.65	Midgut	3L:+:34673412-34673441	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_21949	YLPEFQEVR	AGAP011895-PA	-	61	1.30E-05	1	1180.601	1.17	Ovary	3L:+:34673385-34673411	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_29296	KLADEGVPAVPMVLFAK	AGAP011895-PA	M12(Oxidation)	33	0.00342627	1	1800.994	0.82	Ovary	3L:+:34673997-34674047	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_32647	AGAQMLQVFESSADHLSK	AGAP011895-PA	M5(Oxidation)	141	1.21E-13	1	1934.928	-0.05	Male reproductive organs	3L:+:34673883-34673936	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_33892	AKGWLADHPEASQK	AGAP011895-PA	-	46	0.000461152	1	1537.775	-0.31	Midgut	3L:+:34673787-34673828	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_43522	VGPNVTLQGNLDPQDMYKPPEELR	AGAP011895-PA	M16(Oxidation)	136	3.70E-13	1	2726.350	1.55	Salivary gland	3L:+:34674141-34674212	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_45294	GWLADHPEASQK	AGAP011895-PA	-	77	3.31E-07	1	1338.645	0.71	Salivary gland	3L:+:34673793-34673828	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_45920	KLADEGVPAVPMVLFAK	AGAP011895-PA	-	39	0.000496009	2	1785.007	5.17	Malpighian tubule	3L:+:34673997-34674047	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_48937	AGAQMLQVFESSADHLSK	AGAP011895-PA	M5(Oxidation)	133	8.41E-13	1	1934.927	-0.62	Midgut	3L:+:34673883-34673936	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_52525	TPELACEVTMQPLR	AGAP011895-PA	C6(Carbamidomethyl), M10(Oxidation)	127	2.98E-12	1	1660.802	-1.03	Ovary	3L:+:34673442-34673483	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_54929	YIANLGHGITPQTPIESMSVLVQAVHDAL	AGAP011895-PA	M18(Oxidation)	165	2.64E-16	1	3090.588	-1.69	Ovary	3L:+:34674255-34674341	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_55854	GEPVDRVPVWVMR	AGAP011895-PA	-	52	6.09E-05	1	1539.814	2.36	Malpighian tubule	3L:+:34673334-34673372	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_63020	VGPNVTLQGNLDPQDMYKPPEELR	AGAP011895-PA	M16(Oxidation)	116	3.98E-11	1	2726.356	3.97	Male reproductive organs	3L:+:34674141-34674212	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_63426	TPELACEVTMQPLR	AGAP011895-PA	C6(Carbamidomethyl), M10(Oxidation)	112	1.04E-10	1	1660.807	2.28	Male reproductive organs	3L:+:34673442-34673483	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_65597	VPLFGFTGAPWTLMGYMIEGGGSK	AGAP011895-PA	M14(Oxidation), M17(Oxidation)	52	9.53E-05	1	2548.216	-3.7	Ovary	3L:+:34673703-34673774	exon=> In CDS Exon 2 of transcript AGAP011895-PA

JHU_Ag_68451	VPVWVMR	AGAP011895-PA	-	47	0.000193412	2	886.497	-0.34	Midgut	3L:+:34673352-34673372	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_68510	VPVWVMR	AGAP011895-PA	M6(Oxidation)	41	0.001506147	1	902.491	-0.45	Male reproductive organs	3L:+:34673352-34673372	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_69194	GWLADHPEASQK	AGAP011895-PA	-	79	1.82E-07	1	1338.642	-1.39	Midgut	3L:+:34673793-34673828	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_69596	EQFLSVSLPCLK	AGAP011895-PA	C10(Carbamidomethyl)	61	1.17E-05	2	1420.751	0.09	Ovary	3L:+:34673937-34673972	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_71025	GWLADHPEASQK	AGAP011895-PA	-	58	2.23E-05	2	1338.644	0.25	Pupa	3L:+:34673793-34673828	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_71653	TPELACEVTMQPLR	AGAP011895-PA	C6(Carbamidomethyl), M10(Oxidation)	63	8.59E-06	2	1660.809	3.09	Salivary gland	3L:+:34673442-34673483	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_72716	AKHDFFTVCR	AGAP011895-PA	C9(Carbamidomethyl)	38	0.002877704	1	1280.621	0.02	Male reproductive organs	3L:+:34673412-34673441	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_76032	YVGEAITMMR	AGAP011895-PA	M8(Oxidation), M9(Oxidation)	38	0.001268467	2	1202.556	1.03	Male reproductive organs	3L:+:34673655-34673684	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_76486	LNQTGTIER	AGAP011895-PA	-	44	0.000662287	2	1031.546	-1.91	Ovary	3L:+:34673622-34673648	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_80652	LLDILTDQVVDYLVMQVK	AGAP011895-PA	M15(Oxidation)	56	1.02E-05	3	2121.158	3.26	Pupa	3L:+:34673829-34673882	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_82291	KLADEGVPAVPMVLFAK	AGAP011895-PA	M12(Oxidation)	36	0.001503401	1	1800.993	0.15	Male reproductive organs	3L:+:34673997-34674047	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_82667	EQFLSVSLPCLK	AGAP011895-PA	C10(Carbamidomethyl)	54	5.99E-05	2	1420.750	-0.68	Salivary gland	3L:+:34673937-34673972	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_88988	HDFFTVCR	AGAP011895-PA	C7(Carbamidomethyl)	43	0.000492587	2	1081.486	-2.22	Ovary	3L:+:34673418-34673441	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_89977	ELVLTMVR	AGAP011895-PA	M6(Oxidation)	51	7.63E-05	2	976.549	-0.53	Salivary gland	3L:+:34674213-34674236	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_93233	RVGPNVTLQGNLDPQDMYKPPEELR	AGAP011895-PA	M17(Oxidation)	53	5.95E-05	1	2882.437	-3.38	Head	3L:+:34674138-34674212	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_93956	YVGEAITMMR	AGAP011895-PA	M8(Oxidation), M9(Oxidation)	47	0.00016136	1	1202.553	-1.61	Ovary	3L:+:34673655-34673684	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_99006	YLPEFQEVR	AGAP011895-PA	-	47	0.000322775	2	1180.600	0.14	Male reproductive organs	3L:+:34673385-34673411	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_101197	LADEGVPAVPMVLFAK	AGAP011895-PA	M11(Oxidation)	45	0.000302171	2	1672.897	-0.57	Midgut	3L:+:34674000-34674047	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_102091	GWLADHPEASQK	AGAP011895-PA	-	77	3.30E-07	1	1338.644	0.16	Male reproductive organs	3L:+:34673793-34673828	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_103411	GAMHSLEEMAQTGYEVLGLDWTIDPEEAR	AGAP011895-PA	M3(Oxidation), M9(Oxidation)	113	5.00E-11	1	3280.474	-1.17	Ovary	3L:+:34674048-34674134	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_104626	YLPEFQEVR	AGAP011895-PA	-	56	3.00E-05	1	1180.603	2.51	Malpighian tubule	3L:+:34673385-34673411	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_106331	EQFLSVSLPCLK	AGAP011895-PA	C10(Carbamidomethyl)	66	3.03E-06	2	1420.751	0.52	Male reproductive organs	3L:+:34673937-34673972	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_111224	VGPNVTLQGNLDPQDMYKPPEELR	AGAP011895-PA	M16(Oxidation)	137	3.02E-13	1	2726.350	1.62	Ovary	3L:+:34674141-34674212	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_112057	KLADEGVPAVPMVLFAK	AGAP011895-PA	M12(Oxidation)	65	2.23E-06	2	1800.990	-1.41	Midgut	3L:+:34673997-34674047	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_112719	YIANLGHGITPQTPIESMSVLVQAVHDAL	AGAP011895-PA	M18(Oxidation)	78	1.32E-07	1	3090.594	0.2	Salivary gland	3L:+:34674255-34674341	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_115820	TPELACEVTMQPLR	AGAP011895-PA	C6(Carbamidomethyl), M10(Oxidation)	113	7.21E-11	1	1660.804	0.22	Midgut	3L:+:34673442-34673483	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_116025	VPLFGFTGAPWTLMGYMIEGGGSK	AGAP011895-PA	M14(Oxidation), M17(Oxidation)	35	0.005276327	3	2548.237	4.64	Larva	3L:+:34673703-34673774	exon=> In CDS Exon 2 of transcript AGAP011895-PA
JHU_Ag_4825	LYTLVTYVPVPTFK	AGAP011896-PA	-	96	9.81E-10	2	1640.930	0.38	Midgut	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA

JHU_Ag_7701	LYTLVTYVPVPTFK	AGAP011896-PA	-	86	1.05E-08	1	1640.933	1.79	Male reproductive organs	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_10400	SAINEVVTR	AGAP011896-PA	-	73	8.01E-07	2	988.556	13.64	Ovary	3L:-:34675676-34675650	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_12518	SAINEVVTR	AGAP011896-PA	-	79	2.36E-07	1	988.545	3.2	Head	3L:-:34675676-34675650	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_16071	LYTLVTYVPVPTFK	AGAP011896-PA	-	96	1.03E-09	2	1640.930	-0.15	Pupa	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_17356	ELQTENVESTED	AGAP011896-PA	-	41	0.000429059	1	1393.602	4.01	Head	3L:-:34675270-34675235	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_18855	ECTINLNR	AGAP011896-PA	C2(Carbamidomethyl)	37	0.003144255	2	1019.494	-0.19	Salivary gland	3L:-:34675649-34675626	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_20566	ELQTENVESTED	AGAP011896-PA	-	48	7.66E-05	2	1393.596	-0.68	Midgut	3L:-:34675270-34675235	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_21349	SAINEVVTR	AGAP011896-PA	-	72	1.06E-06	2	988.544	2.09	Larva	3L:-:34675676-34675650	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_22447	FAEKEMGTTDVR	AGAP011896-PA	M6(Oxidation)	68	1.75E-06	1	1399.652	-0.19	Midgut	3L:-:34675565-34675530	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_23548	AIKIVR	AGAP011896-PA	-	39	0.000351688	1	699.488	0.59	Malpighian tubule	3L:-:34675586-34675569	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_29278	LYTLVTYVPVPTFK	AGAP011896-PA	-	91	3.22E-09	1	1640.933	1.86	Ovary	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_29765	NDDEDSPNKLYTLVTYVPVPTFK	AGAP011896-PA	-	52	7.64E-05	1	2655.333	5.18	Head	3L:-:34675339-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_29839	FAEKEMGTTDVR	AGAP011896-PA	M6(Oxidation)	62	6.85E-06	1	1399.656	2.95	Larva	3L:-:34675565-34675530	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_34243	ELQTENVESTED	AGAP011896-PA	-	77	1.10E-07	2	1393.597	0.28	Male reproductive organs	3L:-:34675270-34675235	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_38801	NDDEDSPNKLYTLVTYVPVPTFK	AGAP011896-PA	-	37	0.002515222	3	2655.327	2.97	Visceras	3L:-:34675339-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_45857	SAINEVVTR	AGAP011896-PA	-	53	9.71E-05	2	988.542	-0.63	Pupa	3L:-:34675676-34675650	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_49879	ELQTENVESTED	AGAP011896-PA	-	55	1.88E-05	2	1393.596	-0.33	Pupa	3L:-:34675270-34675235	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_53922	NDDEDSPNKLYTLVTYVPVPTFK	AGAP011896-PA	-	100	1.19E-09	1	2655.322	1.18	Midgut	3L:-:34675339-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_56763	LYTLVTYVPVPTFK	AGAP011896-PA	-	96	1.11E-09	2	1640.936	3.95	Visceras	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_62614	ELQTENVESTED	AGAP011896-PA	-	79	6.70E-08	1	1393.598	0.98	Ovary	3L:-:34675270-34675235	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_65265	ECTINLNR	AGAP011896-PA	C2(Carbamidomethyl)	54	5.89E-05	2	1019.492	-1.81	Male reproductive organs	3L:-:34675649-34675626	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_65852	SAINEVVTR	AGAP011896-PA	-	79	2.33E-07	1	988.542	-0.56	Visceras	3L:-:34675676-34675650	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_66240	ECTINLNR	AGAP011896-PA	C2(Carbamidomethyl)	39	0.002178575	2	1019.495	0.89	Ovary	3L:-:34675649-34675626	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_67018	FAEKEMGTTDVR	AGAP011896-PA	M6(Oxidation)	66	3.50E-06	1	1399.654	1.38	Pupa	3L:-:34675565-34675530	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_69240	ELQTENVESTED	AGAP011896-PA	-	32	0.003574011	2	1393.600	2.21	Larva	3L:-:34675270-34675235	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_72287	LYTLVTYVPVPTFK	AGAP011896-PA	-	96	9.76E-10	2	1640.939	5.43	Head	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_75920	SAINEVVTRECTINLNR	AGAP011896-PA	C11(Carbamidomethyl)	134	5.13E-13	1	1989.025	3.22	Malpighian tubule	3L:-:34675676-34675626	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_78406	SAINEVVTR	AGAP011896-PA	-	77	3.59E-07	2	988.541	-0.75	Male reproductive organs	3L:-:34675676-34675650	exon=> In CDS Exon 1 of transcript AGAP011896-PA

JHU_Ag_87854	LYTLVTYVPVPTFK	AGAP011896-PA	-	84	1.44E-08	2	1640.939	5.66	Larva	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_88246	SAINEVVTR	AGAP011896-PA	-	67	3.38E-06	2	988.543	0.73	Malpighian tubule	3L:-:34675676-34675650	exon=> In CDS Exon 1 of transcript AGAP011896-PA
JHU_Ag_92846	RNDDEDSPNK	AGAP011896-PA	-	32	0.002045606	2	1189.508	-0.05	Malpighian tubule	3L:-:34675342-34675313	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_100932	NDDEDSPNKLYTLVTYVPVPTFK	AGAP011896-PA	-	39	0.001422775	1	2655.328	3.31	Pupa	3L:-:34675339-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_103645	RNDDEDSPNK	AGAP011896-PA	-	52	1.97E-05	1	1189.508	0.16	Ovary	3L:-:34675342-34675313	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_111745	ELQTENVESTED	AGAP011896-PA	-	65	1.71E-06	2	1393.600	2.64	Malpighian tubule	3L:-:34675270-34675235	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_115406	LYTLVTYVPVPTFK	AGAP011896-PA	-	79	5.58E-08	1	1640.932	1.42	Malpighian tubule	3L:-:34675312-34675271	exon=> In CDS Exon 2 of transcript AGAP011896-PA
JHU_Ag_2391	RLNLGPK	AGAP011897-PA	-	29	0.003222301	1	797.498	-0.98	Head	3L:-:34677616-34677596	exon=> In CDS Exon 7 of transcript AGAP011897-PA
JHU_Ag_6381	VYAHFIEWCERMHDQLGQVNLEQLYNK	AGAP011897-PA	M12(Oxidation), Q15(Deamidated), Q23(Deamidated),"C9(Carbamidomethyl), M12(Oxidation), N20(Deamidated), N26(Deamidated)","C9(Carbamidomethyl), M12(Oxidation), Q15(Deamidated), N26(Deamidated)","C9(Carbamidomethyl), Q15(Deamidated), Q18(Deamidated), N20(Deamidated), Q23(Deamidated)","C9(Carbamidomethyl), M12(Oxidation), N20(Deamidated), Q23(Deamidated)","C9(Carbamidomethyl), M12(Oxidation), Q15(Deamidated), Q18(Deamidated)","C9(Carbamidomethyl), Q15(Deamidated), N20(Deamidated),	33	0.005559043	1	3424.553	-2.33	Head	3L:-:34682174-34682094	exon=> In CDS Exon 3 of transcript AGAP011897-PA
JHU_Ag_35297	ISLDPTNNERDPQDLILILK	AGAP011904-PA	-	31	0.004434118	1	2307.261	2.31	Head	3L:+:34819808-34819867	exon=> In CDS Exon 2 of transcript AGAP011904-PA
JHU_Ag_46569	NGILTIR	AGAP011905-PA	N1(Deamidated)	50	0.000197903	2	787.465	-3.4	Head	3L:-:34827195-34827175	exon=> In CDS Exon 1 of transcript AGAP011905-PA
JHU_Ag_17154	QLNAACGDLVPVVQHLLVSK	AGAP011906-PA	C6(Carbamidomethyl)	95	1.25E-09	1	2161.178	-0.92	Ovary	3L:+:34829637-34829696	exon=> In CDS Exon 2 of transcript AGAP011906-PA
JHU_Ag_55040	FCELGELFCDLK	AGAP011906-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	102	7.15E-10	1	1530.699	1.22	Ovary	3L:+:34829166-34829201	exon=> In CDS Exon 2 of transcript AGAP011906-PA
JHU_Ag_106951	VIVSVFDPR	AGAP011906-PA	-	42	0.000456423	2	1031.589	0.2	Ovary	3L:+:34829118-34829144	exon=> In CDS Exon 2 of transcript AGAP011906-PA
JHU_Ag_36375	YNIHSQLEHLQSK	AGAP011907-PA	-	53	6.94E-05	1	1596.809	-2.69	Head	3L:-:34830149-34830111	exon=> In CDS Exon 1 of transcript AGAP011907-PA

JHU_Ag_97561	YNIHSQLEHLQSK	AGAP011907-PA	-	78	2.26E-07	1	1596.813	0.15	Ovary	3L:-:34830149-34830111	exon=> In CDS Exon 1 of transcript AGAP011907-PA
JHU_Ag_84732	VTAYLSWIR	AGAP011908-PA	-	38	0.001165018	2	1108.617	2.02	Salivary gland	3L:+:34835375-34835401	exon=> In CDS Exon 2 of transcript AGAP011908-PA
JHU_Ag_1493	FGTSSFENAR	AGAP011914-PA	-	44	0.000328373	2	1115.512	0.2	Salivary gland	3L:+:34888104-34888133	exon=> In CDS Exon 3 of transcript AGAP011914-PA
JHU_Ag_21334	ELLQTTLAVVSSTSCGTK	AGAP011914-PA	C15(Carbamidomethyl)	104	5.08E-10	2	1894.982	1.33	Salivary gland	3L:+:34888185-34888238	exon=> In CDS Exon 3 of transcript AGAP011914-PA
JHU_Ag_46948	MLVSTFIK	AGAP011914-PA	-	33	0.003259537	1	938.537	-1.29	Salivary gland	3L:+:34887972-34887995	exon=> In CDS Exon 3 of transcript AGAP011914-PA
JHU_Ag_77274	VFCGSTIVTNR	AGAP011914-PA	C3(Carbamidomethyl)	84	5.26E-08	1	1253.632	1.21	Salivary gland	3L:+:34887760-34887781,34887850-34887860	exon=> In CDS Exon 2 and 3 of transcript AGAP011914-PA
JHU_Ag_27126	FGDPNLSDAIVR	AGAP011914-PA,AGAP011913-PA	-	77	3.65E-07	1	1303.663	-1.07	Salivary gland	3L:+:34887420-34887455;3L:+:34884106-34884141	exon=> In CDS Exon 1 of transcript AGAP011914-PA;exon=> In CDS Exon 1 of transcript AGAP011913-PA
JHU_Ag_88916	HVLTAAHCLLDR	AGAP011914-PA,AGAP011913-PA	C8(Carbamidomethyl)	70	1.59E-06	1	1405.738	0.82	Salivary gland	3L:+:34887861-34887896;3L:+:34884565-34884600	exon=> In CDS Exon 3 of transcript AGAP011914-PA;exon=> In CDS Exon 3 of transcript AGAP011913-PA
JHU_Ag_66259	LALQWVR	AGAP011916-PA,AGAP006725-PA	-	52	3.93E-05	1	885.530	-0.73	Midgut	3L:-:35015869-35015849;2L:-:37290077-37290057	exon=> In CDS Exon 4 of transcript AGAP011916-PA;exon=> In CDS Exon 2 of transcript AGAP006725-PA
JHU_Ag_76968	LALQWVR	AGAP011916-PA,AGAP006725-PA	-	52	3.99E-05	1	885.532	1.96	Malpighian tubule	3L:-:35015869-35015849;2L:-:37290077-37290057	exon=> In CDS Exon 4 of transcript AGAP011916-PA;exon=> In CDS Exon 2 of transcript AGAP006725-PA
JHU_Ag_45449	IGPSSLCTLTR	AGAP011917-PA	C7(Carbamidomethyl)	90	1.31E-08	2	1204.640	3.8	Larva	3L:-:35127207-35127175	exon=> In CDS Exon 2 of transcript AGAP011917-PA
JHU_Ag_69653	FVLSSANCLSGR	AGAP011917-PA	C8(Carbamidomethyl)	60	1.31E-05	2	1310.656	2.66	Larva	3L:-:35127652-35127617	exon=> In CDS Exon 1 of transcript AGAP011917-PA
JHU_Ag_78368	LATATMAVAGSR	AGAP011917-PA	M6(Oxidation)	75	4.37E-07	2	1164.607	2.38	Larva	3L:-:35127616-35127581	exon=> In CDS Exon 1 of transcript AGAP011917-PA
JHU_Ag_3323	IVIHPNFASATLANDVAVAR	AGAP011919-PA	-	121	3.97E-12	1	2079.140	2.54	Larva	3L:-:35131893-35131834	exon=> In CDS Exon 1 of transcript AGAP011919-PA
JHU_Ag_48185	GWILAHTLI	AGAP011919-PA	-	41	0.000287272	1	1023.603	3.95	Larva	3L:-:35131366-35131340	exon=> In CDS Exon 2 of transcript AGAP011919-PA
JHU_Ag_111353	VVVGAYR	AGAP011919-PA	-	45	0.000264818	1	763.449	3.79	Larva	3L:-:35131950-35131930	exon=> In CDS Exon 1 of transcript AGAP011919-PA
JHU_Ag_12637	YVLSAAHCTIGR	AGAP011920-PA	C8(Carbamidomethyl)	71	1.43E-06	1	1347.683	-0.5	Larva	3L:-:35135853-35135818	exon=> In CDS Exon 2 of transcript AGAP011920-PA
JHU_Ag_17171	IVGGQNAGTNQFPYQVSLR	AGAP011920-PA	Q11(Deamidated),N6(Deamidated),N10(Deamidated)	156	3.10E-15	1	2049.061	4.66	Larva	3L:-:35135958-35135902	exon=> In CDS Exon 2 of transcript AGAP011920-PA
JHU_Ag_57884	SSGNSHFCGGSIINNR	AGAP011920-PA	C8(Carbamidomethyl)	118	1.50E-11	1	1706.772	3.29	Larva	3L:-:35135901-35135854	exon=> In CDS Exon 2 of transcript AGAP011920-PA
JHU_Ag_97994	TTANTISVVGAIFLNGGGIAHSTAR	AGAP011920-PA	N15(Deamidated)	117	1.58E-11	1	2429.299	8.56	Larva	3L:-:35135817-35135743	exon=> In CDS Exon 2 of transcript AGAP011920-PA
JHU_Ag_13131	LASGCPLWWSLDGLKR	AGAP011922-PA	C5(Carbamidomethyl)	37	0.002472171	1	1858.974	5.95	Head	3L:-:35158934-35158887	exon=> In CDS Exon 1 of transcript AGAP011922-PA
JHU_Ag_33091	LLPSTAVTSPVMTRAYGGLHSLYVVNQYGR	AGAP011922-PA	M12(Oxidation)	43	0.000318534	1	3266.718	5.88	Head	3L:-:35158106-35158017	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_56130	AASLPYGWLHFPR	AGAP011922-PA	-	72	8.39E-07	1	1514.799	5.95	Head	3L:-:35157902-35157864	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_64633	LTDYFNVFSR	AGAP011922-PA	-	71	1.39E-06	2	1261.619	-1.69	Head	3L:-:35157638-35157609	exon=> In CDS Exon 3 of transcript AGAP011922-PA

JHU_Ag_77633	LLDHQQPVLDLLDSR	AGAP011922-PA	-	104	2.64E-10	1	1761.959	5.37	Head	3L:-:35157788-35157744	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_93220	FYDAAGSK	AGAP011922-PA	-	41	0.000329426	1	858.399	-0.79	Head	3L:-:35157851-35157828	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_97297	AYGGLHSLYVVNQYGR	AGAP011922-PA	-	114	4.70E-11	1	1796.909	0.82	Head	3L:-:35158064-35158017	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_98526	LLPSTAVTSPVMTR	AGAP011922-PA	M12(Oxidation)	95	3.15E-09	1	1472.815	0.87	Head	3L:-:35158106-35158065	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_100430	FAYTSFADAAAGGFWTR	AGAP011922-PA	-	118	2.09E-11	2	1838.860	5.33	Head	3L:-:35157695-35157645	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_108115	LTDYFNVFSR	AGAP011922-PA	-	74	7.77E-07	2	1261.621	-0.34	Malpighian tubule	3L:-:35157638-35157609	exon=> In CDS Exon 3 of transcript AGAP011922-PA
JHU_Ag_13828	ELLQDLIVAEAASK	AGAP011931-PA	-	108	1.48E-10	2	1499.829	-2.06	Ovary	3L:+:35235802-35235843	exon=> In CDS Exon 2 of transcript AGAP011931-PA
JHU_Ag_39251	LFGEEPLGIFTDQAALK	AGAP011931-PA	-	101	9.17E-10	2	1848.968	-3.37	Midgut	3L:+:35235400-35235450	exon=> In CDS Exon 2 of transcript AGAP011931-PA
JHU_Ag_45318	LAVTHPPANYFQK	AGAP011931-PA	-	46	0.000276686	1	1485.789	3.07	Ovary	3L:+:35235505-35235543	exon=> In CDS Exon 2 of transcript AGAP011931-PA
JHU_Ag_56263	LFGEEPLGIFTDQAALK	AGAP011931-PA	-	67	2.08E-06	2	1848.975	0.13	Head	3L:+:35235400-35235450	exon=> In CDS Exon 2 of transcript AGAP011931-PA
JHU_Ag_85753	LFGEEPLGIFTDQAALK	AGAP011931-PA	-	128	1.47E-12	1	1848.977	1.72	Ovary	3L:+:35235400-35235450	exon=> In CDS Exon 2 of transcript AGAP011931-PA
JHU_Ag_96002	LAVTHPPANYFQK	AGAP011931-PA	-	56	2.71E-05	1	1485.790	3.23	Malpighian tubule	3L:+:35235505-35235543	exon=> In CDS Exon 2 of transcript AGAP011931-PA
JHU_Ag_7802	DVIQCTSSGLQAIR	AGAP011936-PA	C5(Carbamidomethyl)	40	0.001815578	2	1547.790	3.65	Larva	3L:+:35359391-35359414,35359526-35359543	exon=> In CDS Exon 2 and 3 of transcript AGAP011936-PA
JHU_Ag_12612	DVIQCTSSGLQAIR	AGAP011936-PA	C5(Carbamidomethyl)	84	7.51E-08	2	1547.788	1.99	Pupa	3L:+:35359391-35359414,35359526-35359543	exon=> In CDS Exon 2 and 3 of transcript AGAP011936-PA
JHU_Ag_13279	CVVEGQPACWVPHSCK	AGAP011936-PA	C1(Carbamidomethyl), C9(Carbamidomethyl), C15(Carbamidomethyl)	48	0.000130029	1	1913.845	-0.38	Pupa	3L:+:35367581-35367628	exon=> In CDS Exon 5 of transcript AGAP011936-PA
JHU_Ag_14600	SHAVWEMVMNELDRR	AGAP011936-PA	M9(Oxidation),M7(Oxidation)	50	0.000148844	1	1888.881	0.68	Pupa	3L:+:35367209-35367253	exon=> In CDS Exon 5 of transcript AGAP011936-PA
JHU_Ag_32245	GHEIAVHSITHNDDER	AGAP011936-PA	-	96	3.34E-09	1	1829.853	0.07	Pupa	3L:+:35366693-35366721,35366908-35366926	exon=> In CDS Exon 4 and 5 of transcript AGAP011936-PA
JHU_Ag_40516	ATYFVSHK	AGAP011936-PA	-	34	0.004140315	1	952.493	4.02	Larva	3L:+:35366630-35366653	exon=> In CDS Exon 4 of transcript AGAP011936-PA
JHU_Ag_47730	DKDAGEWFR	AGAP011936-PA	-	64	3.99E-06	1	1123.515	-1.19	Pupa	3L:+:35359334-35359360	exon=> In CDS Exon 2 of transcript AGAP011936-PA
JHU_Ag_68725	APLGLYFHAAWLK	AGAP011936-PA	-	80	1.02E-07	1	1486.820	-0.19	Pupa	3L:+:35367383-35367421	exon=> In CDS Exon 5 of transcript AGAP011936-PA
JHU_Ag_78274	DCSDGSDENSCDIENDPNR	AGAP011936-PA	C2(Carbamidomethyl), C11(Carbamidomethyl)	98	5.27E-11	1	2198.787	1.48	Head	3L:+:35359742-35359775,35366400-35366422	exon=> In CDS Exon 3 and 4 of transcript AGAP011936-PA
JHU_Ag_83067	KGHEIAVHSITHNDDER	AGAP011936-PA	-	123	8.49E-12	1	1957.946	-1.01	Pupa	3L:+:35366690-35366721,35366908-35366926	exon=> In CDS Exon 4 and 5 of transcript AGAP011936-PA
JHU_Ag_94374	EVPGETINLQTCVR	AGAP011936-PA	C12(Carbamidomethyl)	86	3.81E-08	1	1615.812	0.49	Pupa	3L:+:35367641-35367682	exon=> In CDS Exon 5 of transcript AGAP011936-PA
JHU_Ag_95232	SHAVWEMVMNELDR	AGAP011936-PA	-	75	4.21E-07	2	1716.785	0.95	Pupa	3L:+:35367209-35367250	exon=> In CDS Exon 5 of transcript AGAP011936-PA

JHU_Ag_95893	LVAGEGDNCRDVIQCTSSGLQAIR	AGAP011936-PA	C9(Carbamidomethyl), C15(Carbamidomethyl)	114	6.35E-11	1	2619.264	1.03	Pupa	3L:+:35359361-35359414,35359526-35359543	exon=> In CDS Exon 2 and 3 of transcript AGAP011936-PA
JHU_Ag_102982	ATYFVSHK	AGAP011936-PA	-	39	0.00174925	1	952.487	-1.75	Pupa	3L:+:35366630-35366653	exon=> In CDS Exon 4 of transcript AGAP011936-PA
JHU_Ag_111561	KGHEIAVHSITHNDDER	AGAP011936-PA	-	63	8.25E-06	1	1957.956	4.17	Larva	3L:+:35366690-35366721,35366908-35366926	exon=> In CDS Exon 4 and 5 of transcript AGAP011936-PA
JHU_Ag_3340	GHEISVFSLTHK	AGAP011937-PA	-	43	0.000615733	2	1354.712	0.31	Pupa	3L:+:35397177-35397212	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_9914	KVLPILK	AGAP011937-PA	-	38	2.56E-05	1	810.580	-1.23	Pupa	3L:+:35396647-35396667	exon=> In CDS Exon 5 of transcript AGAP011937-PA
JHU_Ag_31034	KGHEISVFSLTHK	AGAP011937-PA	-	41	0.000788475	1	1482.805	-0.94	Pupa	3L:+:35397174-35397212	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_33818	APLGLHFHASWLK	AGAP011937-PA	-	52	5.09E-05	1	1476.816	3.62	Larva	3L:+:35397681-35397719	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_34407	CPTGLYFDVLR	AGAP011937-PA	C1(Carbamidomethyl)	69	1.71E-06	1	1340.667	-0.08	Pupa	3L:+:35393863-35393895	exon=> In CDS Exon 3 of transcript AGAP011937-PA
JHU_Ag_35497	LSCGNGECIDK	AGAP011937-PA	C3(Carbamidomethyl), N5(Deamidated), C8(Carbamidomethyl)	63	1.86E-06	2	1253.516	1.46	Pupa	3L:+:35396698-35396730	exon=> In CDS Exon 5 of transcript AGAP011937-PA
JHU_Ag_39916	FIEEMLGR	AGAP011937-PA	-	59	1.49E-05	2	994.502	-0.39	Pupa	3L:+:35397753-35397776	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_44397	DRPGDEYFR	AGAP011937-PA	-	56	2.18E-05	1	1154.521	-1.21	Pupa	3L:+:35393280-35393306	exon=> In CDS Exon 2 of transcript AGAP011937-PA
JHU_Ag_45320	DDPTFDESLPGCHMVDSCSNIQSGEQFGR	AGAP011937-PA	C12(Carbamidomethyl), C18(Carbamidomethyl),"C12(Carbamidomethyl), M14(Oxidation), C18(Carbamidomethyl)"	114	8.78E-12	1	3285.354	0.55	Pupa	3L:+:35397552-35397638	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_50384	GQPYCSLPNACPLTTR	AGAP011937-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	64	5.46E-06	1	1834.872	7.75	Larva	3L:+:35397888-35397935	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_53200	APLGLHFHASWLK	AGAP011937-PA	-	75	2.93E-07	1	1476.813	0.96	Pupa	3L:+:35397681-35397719	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_62005	DDPTFDESLPGCHMVDSCSNIQSGEQFGR	AGAP011937-PA	C12(Carbamidomethyl), M14(Oxidation), C18(Carbamidomethyl)	73	1.16E-07	1	3301.362	4.46	Larva	3L:+:35397552-35397638	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_64513	VPIWPYTLYFR	AGAP011937-PA	-	81	7.01E-08	1	1454.784	0.84	Pupa	3L:+:35397429-35397461	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_79123	GTYFVSHK	AGAP011937-PA	-	35	0.003663573	2	938.473	-0.25	Pupa	3L:+:35397114-35397137	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_82716	DFQEWK	AGAP011937-PA	-	40	0.000713408	1	852.390	1.21	Pupa	3L:+:35397852-35397869	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_87814	QITCPSGLAFDIEK	AGAP011937-PA	C4(Carbamidomethyl)	83	9.33E-08	2	1578.785	1.29	Pupa	3L:+:35394522-35394563	exon=> In CDS Exon 4 of transcript AGAP011937-PA
JHU_Ag_99922	GQPYCSLPNACPLTTR	AGAP011937-PA	C5(Carbamidomethyl), C11(Carbamidomethyl)	80	1.47E-07	1	1834.861	1.63	Pupa	3L:+:35397888-35397935	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_109171	DESDENACTVELDPNR	AGAP011937-PA	C8(Carbamidomethyl)	79	3.61E-08	2	1863.770	1.94	Head	3L:+:35396764-35396788,35396884-35396906	exon=> In CDS Exon 5 and 6 of transcript AGAP011937-PA
JHU_Ag_115349	VPIWPYTLYFR	AGAP011937-PA	-	49	0.000103861	1	1454.788	3.53	Larva	3L:+:35397429-35397461	exon=> In CDS Exon 6 of transcript AGAP011937-PA
JHU_Ag_486	VELENSVQTLR	AGAP011938-PA	-	68	2.58E-06	2	1287.691	0.37	Malpighian tubule	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA

JHU_Ag_1682	DQVHQQEITETK	AGAP011938-PA	-	73	8.65E-07	1	1455.714	4.43	Ovary	3L:-:35402133-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_2369	QVEISEIDGMLSEQYEAK	AGAP011938-PA	M10(Oxidation)	106	2.93E-10	1	2084.970	0.44	Ovary	3L:-:35402088-35402035	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_2387	LQQTLQDLRDQYDMQLR	AGAP011938-PA	M14(Oxidation)	63	9.06E-06	1	2180.078	0.61	Male reproductive organs	3L:-:35402034-35401984	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_2575	DQVHQQEITETK	AGAP011938-PA	Q5(Deamidated)	62	9.31E-06	1	1455.707	-0.1	Malpighian tubule	3L:-:35402133-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_3393	GDVEIVEVDPEGK	AGAP011938-PA	-	88	2.01E-08	1	1385.680	0.31	Ovary	3L:-:35401475-35401437	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_3540	TVLEESDER	AGAP011938-PA	-	44	0.000492 19	2	1077.507	1.02	Salivary gland	3L:-:35401538-35401512	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_3603	YHSLVSEHK	AGAP011938-PA	-	48	0.000138 358	1	1099.549	-3.94	Head	3L:-:35402313-35402287	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_3675	YHSLVSEHKK	AGAP011938-PA	-	55	3.68E-05	1	1227.652	2.84	Malpighian tubule	3L:-:35402313-35402284	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_3946	QVEISEIDGMLSEQYEAK	AGAP011938-PA	M10(Oxidation)	88	1.92E-08	2	2084.979	4.78	Malpighian tubule	3L:-:35402088-35402035	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_5104	VELENSVQTLR	AGAP011938-PA	-	78	2.67E-07	1	1287.690	-0.48	Visceras	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_5188	GDVEIVEVDPEGKYVK	AGAP011938-PA	-	84	6.38E-08	1	1775.907	0.57	Ovary	3L:-:35401475-35401428	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_6112	WFAGDNMTTHLLNAEGEEVAASER	AGAP011938-PA	M7(Oxidation)	162	6.61E-16	1	2664.202	1.08	Ovary	3L:-:35401150-35401321,35400927-35401008	exon=> In CDS Exon 5 and 4 of transcript AGAP011938-PA
JHU_Ag_6864	EISMQLQEYQDLMDIK	AGAP011938-PA	-	65	5.12E-06	1	1983.941	0.59	Head	3L:-:35401766-35401719	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_6884	GDVEIVEVDPEGK	AGAP011938-PA	-	98	2.21E-09	2	1385.680	0.66	Salivary gland	3L:-:35401475-35401437	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_8734	SVSDYSVTSSAK	AGAP011938-PA	-	87	1.85E-08	2	1230.583	-1.18	Visceras	3L:-:35401511-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_8826	MDGGAFVTVWSSDLGKDHEPPTTIVMK	AGAP011938-PA	M1(Oxidation), M26(Oxidation)	40	0.001221 547	1	2950.416	6.78	Larva	3L:-:35401240-35401160	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_9353	TSQDTTTREVSNIK	AGAP011938-PA	-	71	1.17E-06	1	1579.796	2.49	Malpighian tubule	3L:-:35406456-35406415	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_10392	LQQTLQDLR	AGAP011938-PA	-	48	0.000180 957	2	1114.623	1.28	Ovary	3L:-:35402034-35402008	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_10441	TVLEESDERSVSDYSVTSSAK	AGAP011938-PA	-	78	2.21E-07	1	2289.078	2.2	Ovary	3L:-:35401538-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_10815	ADLQNLNDR	AGAP011938-PA	-	65	4.10E-06	1	1058.522	-0.17	Head	3L:-:35406552-35406526	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_11325	NLEDETLTR	AGAP011938-PA	-	61	1.50E-05	1	1090.538	0.32	Head	3L:-:35402211-35402185	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_11412	SVSDYSVTSSAK	AGAP011938-PA	-	79	1.14E-07	2	1230.587	2	Malpighian tubule	3L:-:35401511-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_11894	EYLGSYGEELHHQQGEPR	AGAP011938-PA	-	46	0.000327 844	1	2128.970	0.61	Salivary gland	3L:-:35400968-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_13098	EISMQLQEYQDLMDIK	AGAP011938-PA	-	84	5.91E-08	2	1983.950	4.96	Midgut	3L:-:35401766-35401719	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_14889	DQVHQQEITETK	AGAP011938-PA	Q2(Deamidated)	94	6.17E-09	1	1455.711	2.17	Head	3L:-:35402133-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_16617	WFAGDNMTTHLLNAEGEEVAASER	AGAP011938-PA	M7(Oxidation)	151	7.95E-15	1	2664.205	2.04	Visceras	3L:-:35401150-35401321,35400927-35401008	exon=> In CDS Exon 5 and 4 of transcript AGAP011938-PA

JHU_Ag_16961	LLSSEEDR	AGAP011938-PA	-	46	0.000433027	1	948.463	-0.06	Male reproductive organs	3L:-:35401682-35401659	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_17149	ITPGSQTSIFSQSSMSGSLSR	AGAP011938-PA	M15(Oxidation)	110	1.87E-10	1	2158.042	-1.17	Head	3L:-:35401652-35401590	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_17445	LLSSEEDRLK	AGAP011938-PA	-	78	2.45E-07	1	1189.643	0.64	Ovary	3L:-:35401682-35401653	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_18470	SGKEVQIGGWTVLR	AGAP011938-PA	-	106	2.50E-10	1	1529.849	3.68	Malpighian tubule	3L:-:35401415-35401886,35401100-35401289	exon=> In CDS Exon 4 and 3 of transcript AGAP011938-PA
JHU_Ag_18678	LACYIDR	AGAP011938-PA	C3(Carbamidomethyl)	36	0.002926738	2	910.445	0.1	Visceras	3L:-:35406525-35406505	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_19768	YLEQENSRLTMEVR	AGAP011938-PA	M11(Oxidation)	47	0.000306329	1	1783.868	2.03	Malpighian tubule	3L:-:35406498-35406457	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_20475	WFAGDNMTTHLLNAEGEEVAASER	AGAP011938-PA	M7(Oxidation)	119	1.52E-11	1	2664.209	3.56	Salivary gland	3L:-:35401150-35401321,35400927-35401008	exon=> In CDS Exon 5 and 4 of transcript AGAP011938-PA
JHU_Ag_22206	EVQIGGWTVLR	AGAP011938-PA	-	90	1.16E-08	1	1257.701	4.41	Head	3L:-:35401321-35401289	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_22335	LRDLEQQMNHER	AGAP011938-PA	M8(Oxidation)	50	0.000148327	1	1584.748	-4.31	Head	3L:-:35401859-35401824	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_22451	LQQTLQDLR	AGAP011938-PA	-	56	3.32E-05	1	1114.620	-1.02	Pupa	3L:-:35402034-35402008	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_22811	KNLEDETLTR	AGAP011938-PA	-	65	5.66E-06	1	1218.635	2.39	Head	3L:-:35402214-35402185	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_23081	HREYLGSYGEELHHQQGEPR	AGAP011938-PA	-	133	8.29E-13	1	2422.133	2.04	Malpighian tubule	3L:-:35400974-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_23504	VELENSVQTLREELTFK	AGAP011938-PA	-	43	0.000470785	1	2035.080	4.44	Midgut	3L:-:35402184-35402134	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_23952	MDGGAFVTVWSSDLGK	AGAP011938-PA	M1(Oxidation)	51	0.000102854	2	1685.788	2.13	Ovary	3L:-:35401240-35401193	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_24480	ITPGSQTSIFSQSSMSGSLSR	AGAP011938-PA	M15(Oxidation)	95	4.15E-09	2	2174.040	0.39	Visceras	3L:-:35401652-35401590	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_26145	EYLGSYGEELHHQQGEPR	AGAP011938-PA	-	83	6.29E-08	1	2128.971	1.22	Head	3L:-:35400968-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_26871	VELENSVQTLR	AGAP011938-PA	-	80	1.43E-07	1	1287.689	-0.95	Pupa	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_28042	GDVEIVEVDPEGK	AGAP011938-PA	-	93	6.10E-09	1	1385.684	3.45	Midgut	3L:-:35401475-35401437	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_29066	NLEDETLTR	AGAP011938-PA	-	52	0.000122924	1	1090.538	0.32	Visceras	3L:-:35402211-35402185	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_30246	EELTFKDQVHQQEITETK	AGAP011938-PA	-	86	3.82E-08	1	2203.088	0.08	Ovary	3L:-:35402151-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_30469	SGASTPVPVQASTPVQQSGSGATGASAAHHHHSARPASPLSPTR	AGAP011938-PA	-	114	2.72E-11	1	4240.113	3.33	Malpighian tubule	3L:-:35406705-35406574	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_31109	HREYLGSYGEELHHQQGEPR	AGAP011938-PA	-	115	4.77E-11	1	2422.129	0.38	Ovary	3L:-:35400974-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_31700	ADLQNLNDRLACYIDR	AGAP011938-PA	C12(Carbamidomethyl)	40	0.001354336	1	1949.949	-0.31	Ovary	3L:-:35406552-35406505	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_32039	VELENSVQTLR	AGAP011938-PA	-	50	0.000139273	2	1287.689	-1.14	Male reproductive organs	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_34092	LRDLEQQMNHER	AGAP011938-PA	-	50	0.000149369	1	1568.762	1.2	Salivary gland	3L:-:35401859-35401824	exon=> In CDS Exon 3 of transcript AGAP011938-PA

JHU_Ag_34322	ITPGSQTSIFSQSSMSGSLSR	AGAP011938-PA	M15(Oxidation)	145	5.34E-14	1	2158.048	1.55	Malpighian tubule	3L:-:35401652-35401590	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_34410	EVSNIKSMYEHELSDAR	AGAP011938-PA	M8(Oxidation)	50	0.000156796	1	2023.945	2.91	Malpighian tubule	3L:-:35406432-35406382	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_34778	EYLGSYGEELHHQQGEPR	AGAP011938-PA	-	80	1.26E-07	1	2128.970	0.61	Visceras	3L:-:35400968-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_34975	EISMQLQEYQDLMDIK	AGAP011938-PA	M4(Oxidation), M13(Oxidation)	53	6.70E-05	1	2015.922	-4	Male reproductive organs	3L:-:35401766-35401719	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_35707	SVSDYSVTSSAK	AGAP011938-PA	-	64	4.25E-06	2	1230.585	0.01	Male reproductive organs	3L:-:35401511-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_35999	GDVEIVEVDPEGK	AGAP011938-PA	-	105	4.40E-10	2	1385.681	1.37	Male reproductive organs	3L:-:35401475-35401437	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_36498	VELENSVQTLREELTFK	AGAP011938-PA	-	82	5.38E-08	1	2035.075	2.05	Ovary	3L:-:35402184-35402134	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_36782	LRDLEQQMNHER	AGAP011938-PA	M8(Oxidation)	68	2.55E-06	1	1584.757	1.35	Malpighian tubule	3L:-:35401859-35401824	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_36917	MVSTAASR	AGAP011938-PA	-	42	0.000634489	2	822.415	1.34	Malpighian tubule	3L:-:35400998-35400975	exon=> In CDS Exon 5 of transcript AGAP011938-PA
JHU_Ag_37157	ARLEIDGK	AGAP011938-PA	-	35	0.004997173	1	901.508	-2.66	Head	3L:-:35406351-35406328	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_38350	SMYEHELSDAR	AGAP011938-PA	M2(Oxidation)	58	9.00E-06	2	1353.574	0.19	Head	3L:-:35406414-35406382	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_38956	ILEENDELKK	AGAP011938-PA	-	81	1.29E-07	1	1230.660	1.56	Head	3L:-:35406324-35406295	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_39386	KLLDDTSR	AGAP011938-PA	-	36	0.003844279	2	947.516	0.06	Ovary	3L:-:35406381-35406358	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_41270	EELTFKDQVHQQEITETK	AGAP011938-PA	-	78	2.51E-07	1	2203.087	-0.25	Visceras	3L:-:35402151-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_41687	NLEDETLTRVELENSVQTLR	AGAP011938-PA	-	117	2.54E-11	1	2359.212	0.96	Ovary	3L:-:35402211-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_43551	ILEENDELKK	AGAP011938-PA	-	60	1.80E-05	1	1230.658	0.57	Visceras	3L:-:35406324-35406295	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_44894	ADLQNLNDR	AGAP011938-PA	-	66	3.20E-06	1	1058.524	1.45	Malpighian tubule	3L:-:35406552-35406526	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_47319	LQQTLQDLRDQYDMQLR	AGAP011938-PA	M14(Oxidation)	52	0.000111136	1	2180.080	1.36	Salivary gland	3L:-:35402034-35401984	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_47388	SMYEHELSDAR	AGAP011938-PA	M2(Oxidation)	46	0.000166468	2	1353.576	1.18	Male reproductive organs	3L:-:35406414-35406382	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_48327	EVQIGGWTVLR	AGAP011938-PA	-	66	3.34E-06	2	1257.695	-0.15	Salivary gland	3L:-:35401321-35401289	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_48969	VGSNETVFKFHR	AGAP011938-PA	-	92	9.79E-09	1	1420.736	1.61	Malpighian tubule	3L:-:35401285-35401250	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_49488	VELENSVQTLREELTFK	AGAP011938-PA	-	58	1.43E-05	1	2035.077	3.09	Salivary gland	3L:-:35402184-35402134	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_50285	DLEQQMNHER	AGAP011938-PA	M6(Oxidation)	71	4.43E-07	1	1315.573	2.25	Head	3L:-:35401853-35401824	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_51251	RQVEISEIDGMLSEQYEAK	AGAP011938-PA	M11(Oxidation)	101	1.20E-09	1	2241.073	1.15	Ovary	3L:-:35402091-35402035	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_51725	VELENSVQTLR	AGAP011938-PA	-	38	0.002081433	2	1287.695	3.5	Midgut	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_51742	LQQTLQDLRDQYDMQLR	AGAP011938-PA	M14(Oxidation)	63	7.73E-06	1	2180.081	1.95	Head	3L:-:35402034-35401984	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_51961	GDVEIVEVDPEGK	AGAP011938-PA	-	78	2.04E-07	2	1385.683	2.16	Visceras	3L:-:35401475-35401437	exon=> In CDS Exon 3 of transcript AGAP011938-PA

JHU_Ag_52006	ANELSTKYHSLVSEHK	AGAP011938-PA	-	49	0.000180826	1	1842.936	0.82	Malpighian tubule	3L:-:35402334-35402287	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_52059	ILEENDELKK	AGAP011938-PA	-	73	9.06E-07	1	1230.659	1.36	Malpighian tubule	3L:-:35406324-35406295	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_52100	ITPGSQTSIFSQSSMSGSLSR	AGAP011938-PA	M15(Oxidation)	136	3.65E-13	1	2158.048	1.77	Ovary	3L:-:35401652-35401590	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_53043	SVSDYSVTSSAK	AGAP011938-PA	-	70	1.27E-06	2	1230.591	4.58	Ovary	3L:-:35401511-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_53166	LTMEVR	AGAP011938-PA	M3(Oxidation)	34	0.005263 84	1	764.398	1.67	Malpighian tubule	3L:-:35406474-35406457	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_54798	ADLQNLNDR	AGAP011938-PA	-	47	0.000257289	1	1058.525	2.72	Male reproductive organs	3L:-:35406552-35406526	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_56508	LRDLEQQMNHER	AGAP011938-PA	M8(Oxidation)	38	0.002147716	1	1584.753	-0.96	Male reproductive organs	3L:-:35401859-35401824	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_56729	DQVHQQEITETK	AGAP011938-PA	-	71	1.27E-06	2	1455.711	2.42	Midgut	3L:-:35402133-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_56731	EELTFKDQVHQQEITETK	AGAP011938-PA	-	73	8.21E-07	1	2203.093	2.33	Head	3L:-:35402151-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_57891	VGSNETVFK	AGAP011938-PA	-	47	0.000276 25	2	980.508	3.33	Ovary	3L:-:35401285-35401259	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_59026	LACYIDR	AGAP011938-PA	C3(Carbamidomethyl)	44	0.000398498	2	910.447	1.51	Head	3L:-:35406525-35406505	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_59917	TVLEESDER	AGAP011938-PA	-	63	7.53E-06	1	1077.506	0.22	Head	3L:-:35401538-35401512	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_60279	RILEENDELK	AGAP011938-PA	-	70	1.48E-06	1	1258.658	-4.33	Head	3L:-:35406327-35406298	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_61943	ADLQNLNDR	AGAP011938-PA	-	77	2.79E-07	2	1058.526	3.53	Ovary	3L:-:35406552-35406526	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_61976	LQQTLQDLR	AGAP011938-PA	-	59	1.38E-05	1	1114.621	-0.36	Salivary gland	3L:-:35402034-35402008	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_64096	EVQIGGWTVLR	AGAP011938-PA	-	86	2.76E-08	1	1257.696	0.43	Ovary	3L:-:35401321-35401289	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_65657	EVQIGGWTVLR	AGAP011938-PA	-	77	2.40E-07	1	1257.699	2.86	Visceras	3L:-:35401321-35401289	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_65901	ILEENDELKK	AGAP011938-PA	-	39	0.001974919	1	1230.659	1.07	Salivary gland	3L:-:35406324-35406295	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_66318	LEIDGKR	AGAP011938-PA	-	43	0.001085012	2	830.473	-0.1	Ovary	3L:-:35406345-35406325	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_66892	EYLGSYGEELHHQQGEPR	AGAP011938-PA	Q13(Deamidated),Q14(Deamidated)	120	1.32E-11	1	2128.977	4.12	Ovary	3L:-:35400968-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_67761	LRDLEQQMNHER	AGAP011938-PA	M8(Oxidation)	55	4.72E-05	1	1584.755	-0.03	Ovary	3L:-:35401859-35401824	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_68439	ILEENDELK	AGAP011938-PA	-	57	3.45E-05	2	1102.563	-0.03	Ovary	3L:-:35406324-35406298	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_69861	EISMQLQEYQDLMDIK	AGAP011938-PA	M4(Oxidation), M13(Oxidation),M13(Oxidation)	94	6.79E-09	1	1983.945	2.19	Ovary	3L:-:35401766-35401719	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_70060	LQQTLQDLRDQYDMQLR	AGAP011938-PA	-	58	2.61E-05	1	2164.092	4.72	Malpighian tubule	3L:-:35402034-35401984	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_70397	EVQIGGWTVLRK	AGAP011938-PA	-	71	6.05E-07	1	1385.788	-1.28	Ovary	3L:-:35401321-35401286	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_71095	QVEISEIDGMLSEQYEAK	AGAP011938-PA	-	103	7.92E-10	2	2068.977	1.29	Head	3L:-:35402088-35402035	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_73443	VGSNETVFK	AGAP011938-PA	-	52	8.69E-05	2	980.505	0.71	Head	3L:-:35401285-35401259	exon=> In CDS Exon 4 of transcript AGAP011938-PA

JHU_Ag_73685	YHSLVSEHKK	AGAP011938-PA	-	45	0.000375105	1	1227.647	-1.15	Male reproductive organs	3L:-:35402313-35402284	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_74270	LLDDTSREK	AGAP011938-PA	-	42	0.001096979	1	1076.560	1.81	Malpighian tubule	3L:-:35406378-35406352	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_74621	SMYEHELSDARK	AGAP011938-PA	M2(Oxidation)	53	5.12E-05	1	1481.669	0.27	Ovary	3L:-:35406414-35406379	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_74792	ILEENDELK	AGAP011938-PA	-	40	0.001424723	2	1102.563	0.64	Head	3L:-:35406324-35406298	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_75828	LACYIDR	AGAP011938-PA	C3(Carbamidomethyl)	45	0.000338364	2	910.446	0.44	Ovary	3L:-:35406525-35406505	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_76185	VELENSVQTLR	AGAP011938-PA	-	102	8.31E-10	1	1287.693	2.08	Head	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_76462	LACYIDR	AGAP011938-PA	C3(Carbamidomethyl)	44	0.000441961	2	910.445	0.1	Salivary gland	3L:-:35406525-35406505	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_78757	SVSDYSVTSSAK	AGAP011938-PA	-	66	2.65E-06	2	1230.583	-1.18	Salivary gland	3L:-:35401511-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_78969	SGASTPVPVQASTPVQQSGSGATGAS AAHHHHSARPASPLSPTR	AGAP011938-PA	-	39	0.000834233	1	4240.100	0.23	Head	3L:-:35406705-35406574	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_79845	RSGASTPVPVQASTPVQQSGSGATGA SAAHHHHSARPASPLSPTR	AGAP011938-PA	-	47	0.00013624	1	4396.205	1.04	Malpighian tubule	3L:-:35406708-35406574	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_81124	LEIDGKR	AGAP011938-PA	-	39	0.0028802	1	830.474	1.3	Malpighian tubule	3L:-:35406345-35406325	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_81461	LLSSEEDRLK	AGAP011938-PA	-	79	2.12E-07	1	1189.642	-0.18	Salivary gland	3L:-:35401682-35401653	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_83487	ADLQNLNDR	AGAP011938-PA	-	62	7.09E-06	2	1058.522	-0.74	Salivary gland	3L:-:35406552-35406526	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_83617	GDVEIVEVDPEGK	AGAP011938-PA	-	38	0.002044002	2	1385.687	5.51	Malpighian tubule	3L:-:35401475-35401437	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_83744	TVLEESDERSVSDYSVTSSAK	AGAP011938-PA	-	123	7.49E-12	1	2289.079	2.44	Malpighian tubule	3L:-:35401538-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_84937	GDVEIVEVDPEGKYVK	AGAP011938-PA	-	78	2.27E-07	1	1775.910	2.14	Malpighian tubule	3L:-:35401475-35401428	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_86529	ILEENDELKK	AGAP011938-PA	-	39	0.001962115	1	1230.661	2.95	Ovary	3L:-:35406324-35406295	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_86548	ILEENDELKK	AGAP011938-PA	-	47	0.000315528	2	1230.660	1.56	Pupa	3L:-:35406324-35406295	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_86638	ANELSTK	AGAP011938-PA	-	42	0.00078332	1	762.399	-0.41	Male reproductive organs	3L:-:35402334-35402314	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_88114	ITPGSQTSIFSQSSMSGSLSR	AGAP011938-PA	M15(Oxidation)	84	5.78E-08	1	2174.038	-0.84	Male reproductive organs	3L:-:35401652-35401590	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_91048	LQQTLQDLR	AGAP011938-PA	-	65	4.19E-06	2	1114.620	-1.02	Head	3L:-:35402034-35402008	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_92000	MMEEVER	AGAP011938-PA	-	45	0.000214453	1	923.398	1.9	Malpighian tubule	3L:-:35401796-35401776	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_92758	LTMEVR	AGAP011938-PA	-	36	0.003407609	2	748.402	0.13	Salivary gland	3L:-:35406474-35406457	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_94324	TVLEESDER	AGAP011938-PA	-	50	0.00015171	2	1077.510	3.51	Ovary	3L:-:35401538-35401512	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_94671	GDVEIVEVDPEGK	AGAP011938-PA	-	100	1.28E-09	2	1385.684	3.13	Head	3L:-:35401475-35401437	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_95263	VGSNETVFK	AGAP011938-PA	-	40	0.001534094	1	980.505	-0.1	Salivary gland	3L:-:35401285-35401259	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_95438	SMYEHELSDARK	AGAP011938-PA	M2(Oxidation)	56	2.62E-05	3	1481.670	0.76	Malpighian tubule	3L:-:35406414-35406379	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_95472	ITPGSQTSIFSQSSMSGSLSR	AGAP011938-PA	M15(Oxidation)	103	7.23E-10	1	2174.039	-0.17	Salivary gland	3L:-:35401652-35401590	exon=> In CDS Exon 3 of transcript AGAP011938-PA

JHU_Ag_95482	LLSSEEDRLK	AGAP011938-PA	-	69	2.25E-06	1	1189.641	-0.8	Head	3L:-:35401682-35401653	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_95662	KLLDDTSR	AGAP011938-PA	-	55	5.19E-05	1	947.517	1.15	Malpighian tubule	3L:-:35406381-35406358	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_95738	DHEPPTTIVMK	AGAP011938-PA	M10(Oxidation)	42	0.000857988	1	1283.632	1.88	Head	3L:-:35401192-35401160	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_97704	TVLEESDER	AGAP011938-PA	-	60	1.36E-05	1	1077.507	1.36	Malpighian tubule	3L:-:35401538-35401512	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_98174	SVSDYSVTSSAK	AGAP011938-PA	-	55	2.85E-05	2	1230.585	-0.19	Head	3L:-:35401511-35401476	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_99503	MDGGAFVTVWSSDLGKDHEPPTTIVMK	AGAP011938-PA	M1(Oxidation), M26(Oxidation),M26(Oxidation)	102	7.15E-10	1	2934.402	0.12	Ovary	3L:-:35401240-35401160	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_99679	EVQIGGWTVLR	AGAP011938-PA	-	59	1.59E-05	2	1257.701	4.8	Malpighian tubule	3L:-:35401321-35401289	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_100208	VELENSVQTLREELTFK	AGAP011938-PA	-	69	1.16E-06	1	2035.076	2.64	Visceras	3L:-:35402184-35402134	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_100384	EVQIGGWTVLR	AGAP011938-PA	-	46	0.000294534	2	1257.695	-0.05	Midgut	3L:-:35401321-35401289	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_100590	SMYEHELSDARK	AGAP011938-PA	M2(Oxidation)	52	6.04E-05	3	1481.666	-2.14	Head	3L:-:35406414-35406379	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_100818	VELENSVQTLR	AGAP011938-PA	-	90	1.32E-08	1	1287.696	4.45	Ovary	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_100890	LLSSEEDR	AGAP011938-PA	-	39	0.002014225	1	948.465	1.68	Ovary	3L:-:35401682-35401659	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_102201	LQQTLQDLR	AGAP011938-PA	-	53	6.12E-05	2	1114.623	1.39	Malpighian tubule	3L:-:35402034-35402008	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_102345	ADLQNLNDRLACYIDR	AGAP011938-PA	C12(Carbamidomethyl)	66	3.64E-06	1	1949.953	1.56	Malpighian tubule	3L:-:35406552-35406505	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_103038	NLEDETLTR	AGAP011938-PA	-	40	0.001689869	2	1090.537	-0.13	Ovary	3L:-:35402211-35402185	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_103115	HREYLGSYGEELHHQQGEPR	AGAP011938-PA	-	116	4.06E-11	1	2422.131	1.03	Head	3L:-:35400974-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_103234	EVQIGGWTVLR	AGAP011938-PA	-	60	1.22E-05	2	1257.696	0.63	Male reproductive organs	3L:-:35401321-35401289	exon=> In CDS Exon 4 of transcript AGAP011938-PA
JHU_Ag_103512	EYLGSYGEELHHQQGEPR	AGAP011938-PA	-	70	1.24E-06	1	2128.973	2.33	Malpighian tubule	3L:-:35400968-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_104059	ADLQNLNDR	AGAP011938-PA	-	37	0.002585689	2	1058.522	-0.51	Visceras	3L:-:35406552-35406526	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_104499	VELENSVQTLR	AGAP011938-PA	-	85	4.77E-08	1	1287.693	2.08	Salivary gland	3L:-:35402184-35402152	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_105240	EYLGSYGEELHHQQGEPR	AGAP011938-PA	-	63	6.90E-06	1	2128.970	0.7	Male reproductive organs	3L:-:35400968-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_105421	SMYEHELSDAR	AGAP011938-PA	M2(Oxidation)	53	3.19E-05	2	1337.578	-1.14	Ovary	3L:-:35406414-35406382	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_105633	LQQTLQDLRDQYDMQLR	AGAP011938-PA	M14(Oxidation)	105	5.63E-10	1	2180.078	0.78	Ovary	3L:-:35402034-35401984	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_107467	HREYLGSYGEELHHQQGEPR	AGAP011938-PA	-	54	6.19E-05	1	2422.132	1.54	Visceras	3L:-:35400974-35401028,35400651-35400678	exon=> In CDS Exon 6 and 5 of transcript AGAP011938-PA
JHU_Ag_108025	NLEDETLTR	AGAP011938-PA	-	52	0.000109305	2	1090.538	0.66	Salivary gland	3L:-:35402211-35402185	exon=> In CDS Exon 2 of transcript AGAP011938-PA

JHU_Ag_110531	DQVHQQEITETK	AGAP011938-PA	-	63	8.36E-06	2	1455.708	0.07	Salivary gland	3L:-:35402133-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_111309	WFAGDNMTTHLLNAEGEEVAASER	AGAP011938-PA	M7(Oxidation)	135	3.73E-13	1	2664.208	3.28	Head	3L:-:35401150-35401321,35400927-35401008	exon=> In CDS Exon 5 and 4 of transcript AGAP011938-PA
JHU_Ag_113179	EISMQLQEYQDLMDIK	AGAP011938-PA	M4(Oxidation), M13(Oxidation)	91	1.34E-08	1	1983.944	1.94	Salivary gland	3L:-:35401766-35401719	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_114476	LLSSEEDR	AGAP011938-PA	-	40	0.001515357	2	948.462	-0.91	Head	3L:-:35401682-35401659	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_115321	RTVLEESDER	AGAP011938-PA	-	52	0.00012828	1	1233.603	-3.31	Head	3L:-:35401541-35401512	exon=> In CDS Exon 3 of transcript AGAP011938-PA
JHU_Ag_115712	WFAGDNMTTHLLNAEGEEVAASER	AGAP011938-PA	M7(Oxidation)	113	6.05E-11	1	2664.215	5.62	Malpighian tubule	3L:-:35401150-35401321,35400927-35401008	exon=> In CDS Exon 5 and 4 of transcript AGAP011938-PA
JHU_Ag_115714	SMYEHELSDAR	AGAP011938-PA	M2(Oxidation)	64	2.63E-06	1	1337.580	0.41	Malpighian tubule	3L:-:35406414-35406382	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_116155	WFAGDNMTTHLLNAEGEEVAASER	AGAP011938-PA	M7(Oxidation)	114	4.56E-11	1	2664.198	-0.5	Midgut	3L:-:35401150-35401321,35400927-35401008	exon=> In CDS Exon 5 and 4 of transcript AGAP011938-PA
JHU_Ag_116741	NLEDETLTR	AGAP011938-PA	-	40	0.001855721	2	1090.538	0.1	Malpighian tubule	3L:-:35402211-35402185	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_117125	LLDDTSR	AGAP011938-PA	-	41	0.001394853	1	819.423	2.54	Malpighian tubule	3L:-:35406378-35406358	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_117134	LACYIDR	AGAP011938-PA	C3(Carbamidomethyl)	53	5.91E-05	2	910.445	-0.23	Male reproductive organs	3L:-:35406525-35406505	exon=> In CDS Exon 1 of transcript AGAP011938-PA
JHU_Ag_117359	EELTFKDQVHQQEITETK	AGAP011938-PA	-	91	1.31E-08	1	2203.087	-0.25	Male reproductive organs	3L:-:35402151-35402098	exon=> In CDS Exon 2 of transcript AGAP011938-PA
JHU_Ag_6714	ISLDMEIAAYDK	AGAP011938-PA,AGAP008015-PA	M5(Oxidation)	101	1.32E-09	2	1384.670	2.4	Salivary gland	3L:-:35401718-35401683;3R:+:4188116-4188151	exon=> In CDS Exon 3 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_7157	ISLDMEIAAYDK	AGAP011938-PA,AGAP008015-PA	M5(Oxidation)	78	2.37E-07	1	1384.662	-3.6	Midgut	3L:-:35401718-35401683;3R:+:4188116-4188151	exon=> In CDS Exon 3 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_12455	ISLDMEIAAYDK	AGAP011938-PA,AGAP008015-PA	M5(Oxidation)	39	0.001980578	2	1384.672	3.99	Head	3L:-:35401718-35401683;3R:+:4188116-4188151	exon=> In CDS Exon 3 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_37843	YLEQENSR	AGAP011938-PA,AGAP008015-PA	-	46	0.000295147	2	1038.485	0.06	Ovary	3L:-:35406498-35406475;3R:+:4187315-4187338	exon=> In CDS Exon 1 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_40154	YLEQENSR	AGAP011938-PA,AGAP008015-PA	-	43	0.000532312	1	1038.487	2.06	Malpighian tubule	3L:-:35406498-35406475;3R:+:4187315-4187338	exon=> In CDS Exon 1 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_59135	ISLDMEIAAYDK	AGAP011938-PA,AGAP008015-PA	M5(Oxidation)	101	1.30E-09	2	1384.668	0.9	Ovary	3L:-:35401718-35401683;3R:+:4188116-4188151	exon=> In CDS Exon 3 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_81130	YLEQENSR	AGAP011938-PA,AGAP008015-PA	-	38	0.001517631	2	1038.488	2.41	Male reproductive organs	3L:-:35406498-35406475;3R:+:4187315-4187338	exon=> In CDS Exon 1 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_116834	ISLDMEIAAYDK	AGAP011938-PA,AGAP008015-PA	M5(Oxidation)	66	3.47E-06	2	1384.667	0.46	Visceras	3L:-:35401718-35401683;3R:+:4188116-4188151	exon=> In CDS Exon 3 of transcript AGAP011938-PA;exon=> In CDS Exon 1 of transcript AGAP008015-PA
JHU_Ag_1490	AVALGDSVLAVVR	AGAP011939-PA	-	117	6.92E-12	2	1269.753	0.4	Malpighian tubule	3L:-:35408236-35408198	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_3183	YREVNVQAQLAAEK	AGAP011939-PA	-	105	3.69E-10	2	1618.854	-0.54	Midgut	3L:-:35408350-35408309	exon=> In CDS Exon 2 of transcript AGAP011939-PA

JHU_Ag_11270	VYQSMMELRK	AGAP011939-PA	M5(Oxidation),M6(Oxidation)	77	2.61E-07	1	1284.643	-0.65	Midgut	3L:-:35408296-35408267	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_15978	DIVLLPNEAFVLK	AGAP011939-PA	-	61	3.69E-06	1	1470.862	3.91	Malpighian tubule	3L:-:35407971-35407933	exon=> In CDS Exon 3 of transcript AGAP011939-PA
JHU_Ag_18010	TPFQWDDTAMAGFTTGSK	AGAP011939-PA	M10(Oxidation)	55	2.60E-05	2	1976.872	1.17	Ovary	3L:-:35408428-35408375	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_18642	EVNVQAQLAAEK	AGAP011939-PA	-	67	2.31E-06	2	1299.694	3.09	Malpighian tubule	3L:-:35408344-35408309	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_20602	TKTYQLGTVK	AGAP011939-PA	-	49	5.65E-05	2	1138.645	-1.1	Midgut	3L:-:35408266-35408237	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_21512	DIVLLPNEAFVLK	AGAP011939-PA	-	51	3.77E-05	2	1470.861	2.67	Ovary	3L:-:35407971-35407933	exon=> In CDS Exon 3 of transcript AGAP011939-PA
JHU_Ag_25214	DIVLLPNEAFVLK	AGAP011939-PA	-	83	2.16E-08	2	1470.857	0.26	Midgut	3L:-:35407971-35407933	exon=> In CDS Exon 3 of transcript AGAP011939-PA
JHU_Ag_32296	DLYAEK	AGAP011939-PA	-	42	0.000670233	1	738.366	-0.81	Midgut	3L:-:35408464-35408447	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_33530	AVALGDSVLAVVR	AGAP011939-PA	-	92	1.80E-09	2	1269.757	3.28	Salivary gland	3L:-:35408236-35408198	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_37268	LITEVDKQSTAADYVK	AGAP011939-PA	-	152	6.61E-15	1	1780.932	-0.62	Midgut	3L:-:35408825-35408778	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_40781	DIVLLPNEAFVLKAQIGPVER	AGAP011939-PA	-	35	0.00065799	1	2321.316	-2.85	Midgut	3L:-:35407971-35407909	exon=> In CDS Exon 3 of transcript AGAP011939-PA
JHU_Ag_40865	TYQLGTVKAVALGDSVLAVVR	AGAP011939-PA	-	39	0.000203915	3	2160.240	0.66	Midgut	3L:-:35408260-35408198	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_41000	EVNVQAQLAAEK	AGAP011939-PA	-	86	2.97E-08	1	1299.689	-0.8	Midgut	3L:-:35408344-35408309	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_42347	AQIGPVER	AGAP011939-PA	-	41	0.000482552	2	869.484	-0.28	Midgut	3L:-:35407932-35407909	exon=> In CDS Exon 3 of transcript AGAP011939-PA
JHU_Ag_47441	AVALGDSVLAVVR	AGAP011939-PA	-	98	5.07E-10	2	1269.754	1.17	Visceras	3L:-:35408236-35408198	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_50225	TPFQWDDTAMAGFTTGSK	AGAP011939-PA	M10(Oxidation)	121	6.52E-12	1	1960.877	1.01	Malpighian tubule	3L:-:35408428-35408375	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_57675	VVKDWMSILPAGQVPNWVMGNHDRPR	AGAP011939-PA	M19(Oxidation),"M6(Oxidation), M19(Oxidation)"	85	3.74E-08	1	3018.507	-4.12	Midgut	3L:-:35408777-35408972,35408055-35408627	exon=> In CDS Exon 2 and 1 of transcript AGAP011939-PA
JHU_Ag_61680	LITEVDK	AGAP011939-PA	-	38	0.002606901	1	817.466	-0.81	Midgut	3L:-:35408825-35408805	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_71394	VIMTEAYSTLDVIK	AGAP011939-PA	M3(Oxidation)	59	1.25E-05	2	1598.841	3.89	Ovary	3L:-:35408924-35408883	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_74457	EVNVQAQLAAEK	AGAP011939-PA	-	57	2.59E-05	2	1299.695	3.18	Ovary	3L:-:35408344-35408309	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_84746	LITEVDKQSTAADYVK	AGAP011939-PA	-	125	3.47E-12	1	1780.937	2.47	Ovary	3L:-:35408825-35408778	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_85207	DIVLLPNEAFVLK	AGAP011939-PA	-	47	8.80E-05	2	1470.859	1.42	Visceras	3L:-:35407971-35407933	exon=> In CDS Exon 3 of transcript AGAP011939-PA
JHU_Ag_86383	TPFQWDDTAMAGFTTGSK	AGAP011939-PA	M10(Oxidation)	158	1.29E-15	1	1960.875	0.14	Midgut	3L:-:35408428-35408375	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_88647	ELIDAFQAEHGGETR	AGAP011939-PA	-	105	4.81E-10	1	1672.798	3.08	Ovary	3L:-:35408969-35408925	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_89464	DWMSILPAGQVPNWVMGNHDRPR	AGAP011939-PA	M16(Oxidation),M3(Oxidation),"M3(Oxidation), M16(Oxidation)"	93	6.52E-09	1	2708.278	-1.64	Midgut	3L:-:35408768-35408972,35408055-35408627	exon=> In CDS Exon 2 and 1 of transcript AGAP011939-PA
JHU_Ag_92984	VYQSMMELR	AGAP011939-PA	M5(Oxidation),"M5(Oxidation), M6(Oxidation)"	71	8.51E-07	2	1156.545	-3.36	Midgut	3L:-:35408296-35408270	exon=> In CDS Exon 2 of transcript AGAP011939-PA

JHU_Ag_94725	AVALGDSVLAVVR	AGAP011939-PA	-	111	3.02E-11	2	1269.749	-2.68	Midgut	3L:-:35408236-35408198	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_96330	LYFEVVSVNSHNIR	AGAP011939-PA	N9(Deamidated),N12(Deamidated)	91	1.02E-08	1	1676.875	-0.14	Midgut	3L:-:35408098-35408057	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_103510	LGSHMPFNFR	AGAP011939-PA	M5(Oxidation)	61	1.01E-05	1	1221.583	-0.04	Midgut	3L:-:35408855-35408826	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_106445	ELIDAFQAEHGGETR	AGAP011939-PA	Q7(Deamidated)	111	1.01E-10	1	1672.796	2.28	Midgut	3L:-:35408969-35408925	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_106511	TYQLGTVK	AGAP011939-PA	-	40	0.000767932	1	909.503	-1.48	Midgut	3L:-:35408260-35408237	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_107200	QSTAADYVK	AGAP011939-PA	-	54	4.88E-05	2	982.485	0.65	Midgut	3L:-:35408804-35408778	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_107582	TYYASSTGR	AGAP011939-PA	-	32	0.00721786	1	1005.463	-0.67	Midgut	3L:-:35408882-35408856	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_108852	AVALGDSVLAVVR	AGAP011939-PA	-	110	3.22E-11	2	1269.753	0.5	Ovary	3L:-:35408236-35408198	exon=> In CDS Exon 2 of transcript AGAP011939-PA
JHU_Ag_115215	VIMTEAYSTLDVIK	AGAP011939-PA	M3(Oxidation)	110	1.02E-10	2	1582.840	0.09	Midgut	3L:-:35408924-35408883	exon=> In CDS Exon 1 of transcript AGAP011939-PA
JHU_Ag_25259	QIFYGLNPGWVISLK	AGAP011946-PA	-	50	4.93E-05	2	1734.962	2.25	Head	3L:+:35476856-35476900	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_51125	GYLADPEQISEQR	AGAP011946-PA	-	69	1.72E-06	2	1505.723	-0.2	Pupa	3L:+:35476727-35476765	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_57865	INIEVQHAPESVIAAIER	AGAP011946-PA	-	85	2.13E-08	1	1989.080	1.77	Pupa	3L:+:35476520-35476573	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_57980	INIEVQHAPESVIAAIER	AGAP011946-PA	-	49	9.70E-05	3	1989.075	-0.53	Salivary gland	3L:+:35476520-35476573	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_58177	LGYETGNTPFYMR	AGAP011946-PA	M12(Oxidation)	80	1.05E-07	1	1564.710	0.02	Midgut	3L:+:35476259-35476297	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_63314	VTIGNIRDNPQSK	AGAP011946-PA	-	77	1.55E-07	1	1441.778	1.67	Malpighian tubule	3L:+:35476028-35476066	exon=> In CDS Exon 1 of transcript AGAP011946-PA
JHU_Ag_73914	APIDLTTICNTGLFEVRPDLLHHGVQLTDEGADDFK	AGAP011946-PA	C9(Carbamidomethyl)	59	1.18E-05	1	4008.020	9.72	Ovary	3L:+:35476406-35476513	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_79258	GYLADPEQISEQR	AGAP011946-PA	-	60	1.70E-05	2	1505.727	2.8	Salivary gland	3L:+:35476727-35476765	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_91386	INIEVQHAPESVIAAIER	AGAP011946-PA	-	65	2.39E-06	1	1989.075	-0.62	Midgut	3L:+:35476520-35476573	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_96750	LGYETGNTPFYMR	AGAP011946-PA	M12(Oxidation)	37	0.002067409	1	1564.712	1.19	Salivary gland	3L:+:35476259-35476297	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_103698	LGYETGNTPFYMR	AGAP011946-PA	M12(Oxidation)	59	1.39E-05	2	1564.715	3.21	Pupa	3L:+:35476259-35476297	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_115537	EYPPVSLHQLQK	AGAP011946-PA	-	53	4.65E-05	1	1438.766	-1.93	Midgut	3L:+:35476340-35476375	exon=> In CDS Exon 2 of transcript AGAP011946-PA
JHU_Ag_2620	FGLDFR	AGAP011948-PA	-	39	0.000978064	1	754.389	0.89	Ovary	3L:+:35502136-35502153	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_4143	YQCYLKPDTR	AGAP011948-PA	C3(Carbamidomethyl)	50	0.0001195	1	1343.646	3.46	Salivary gland	3L:+:35502331-35502360	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_5030	IFVPSTIGAFGPDSPR	AGAP011948-PA	-	109	1.68E-10	1	1660.872	1.4	Ovary	3L:+:35501992-35502039	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_7725	LVDLMVR	AGAP011948-PA	-	42	0.000861264	2	845.492	0.85	Salivary gland	3L:+:35502634-35502654	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_8538	SLLEFMTAPEEK	AGAP011948-PA	M6(Oxidation)	86	4.14E-08	1	1410.684	1.55	Ovary	3L:+:35502394-35502429	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_9943	FPGVISSDPPGGGTTDYAVAVFFEGLK	AGAP011948-PA	-	157	3.11E-15	1	2728.352	0.45	Ovary	3L:+:35502163-35502208,35502287-35502321	exon=> In CDS Exon 2 and 3 of transcript AGAP011948-PA

JHU_Ag_10118	RVYNVTAMSFTPEELVEK	AGAP011948-PA	M8(Oxidation)	98	2.50E-09	1	2129.060	0.87	Ovary	3L:+:35502439-35502492	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_16657	LPMMYIEDCLR	AGAP011948-PA	M3(Oxidation), M4(Oxidation), C9(Carbamidomethyl),C9(Carbamidomethyl)	67	1.84E-06	1	1472.662	2.54	Salivary gland	3L:+:35502361-35502393	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_23086	YIPELHVSYRPDSR	AGAP011948-PA	-	54	6.45E-05	1	1731.879	-1.52	Ovary	3L:+:35502502-35502543	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_26303	FGLDFR	AGAP011948-PA	-	40	0.000787631	2	754.388	-0.57	Salivary gland	3L:+:35502136-35502153	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_26566	ILITGGLGQLGVECAK	AGAP011948-PA	C14(Carbamidomethyl)	129	8.69E-13	1	1628.908	2.7	Salivary gland	3L:+:35499911-35499923,35501684-35501718	exon=> In CDS Exon 1 and 2 of transcript AGAP011948-PA
JHU_Ag_29805	NPTPNVTIQRPR	AGAP011948-PA	-	38	0.000980753	2	1392.772	1.05	Visceras	3L:+:35502040-35502075	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_31046	QLIADSWPQIFDDSEAR	AGAP011948-PA	-	116	4.44E-11	1	1990.950	-0.42	Ovary	3L:+:35502544-35502594	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_40661	NPTPNVTIQRPR	AGAP011948-PA	-	33	0.002863354	1	1392.779	6.04	Salivary gland	3L:+:35502040-35502075	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_41397	IVVDHR	AGAP011948-PA	-	36	0.000859612	2	738.422	-4.5	Head	3L:+:35501845-35501862	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_43917	LPMMYIEDCLR	AGAP011948-PA	M3(Oxidation), M4(Oxidation), C9(Carbamidomethyl)	68	1.08E-06	1	1472.657	-1.11	Ovary	3L:+:35502361-35502393	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_46022	ILITGGLGQLGVECAK	AGAP011948-PA	C14(Carbamidomethyl)	153	3.69E-15	1	1628.902	-1.2	Ovary	3L:+:35499911-35499923,35501684-35501718	exon=> In CDS Exon 1 and 2 of transcript AGAP011948-PA
JHU_Ag_46989	ILITGGLGQLGVECAK	AGAP011948-PA	C14(Carbamidomethyl)	70	7.46E-07	1	1628.906	1.28	Head	3L:+:35499911-35499923,35501684-35501718	exon=> In CDS Exon 1 and 2 of transcript AGAP011948-PA
JHU_Ag_48458	IFVPSTIGAFGPDSPR	AGAP011948-PA	-	73	7.33E-07	2	1660.868	-0.8	Midgut	3L:+:35501992-35502039	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_50702	QLIADSWPQIFDDSEAR	AGAP011948-PA	-	84	6.17E-08	1	1990.957	3.07	Head	3L:+:35502544-35502594	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_52491	VYNVTAMSFTPEELVEK	AGAP011948-PA	M7(Oxidation)	89	1.98E-08	2	1972.963	2.79	Head	3L:+:35502442-35502492	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_53894	VHAELMGEYYHHK	AGAP011948-PA	M6(Oxidation)	83	6.31E-08	1	1629.746	-1.29	Head	3L:+:35502097-35502135	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_57935	QLIADSWPQIFDDSEAR	AGAP011948-PA	-	88	2.59E-08	1	1990.959	3.99	Salivary gland	3L:+:35502544-35502594	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_61873	VYNVTAMSFTPEELVEK	AGAP011948-PA	M7(Oxidation)	140	1.67E-13	1	1972.961	1.68	Ovary	3L:+:35502442-35502492	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_64411	FGLDFR	AGAP011948-PA	-	36	0.001915875	2	754.389	0.89	Head	3L:+:35502136-35502153	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_64745	IFVPSTIGAFGPDSPR	AGAP011948-PA	-	84	5.66E-08	1	1660.867	-1.39	Head	3L:+:35501992-35502039	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_68018	ILITGGLGQLGVECAK	AGAP011948-PA	C14(Carbamidomethyl)	130	6.16E-13	1	1628.911	4.27	Malpighian tubule	3L:+:35499911-35499923,35501684-35501718	exon=> In CDS Exon 1 and 2 of transcript AGAP011948-PA
JHU_Ag_68788	VYNVTAMSFTPEELVEK	AGAP011948-PA	M7(Oxidation)	49	0.000242129	2	1972.965	3.66	Malpighian tubule	3L:+:35502442-35502492	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_72406	SLLEFMTAPEEK	AGAP011948-PA	M6(Oxidation)	81	1.30E-07	1	1394.690	2.12	Salivary gland	3L:+:35502394-35502429	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_72417	YQCYLKPDTR	AGAP011948-PA	C3(Carbamidomethyl)	46	0.00029595	1	1343.634	-5.08	Head	3L:+:35502331-35502360	exon=> In CDS Exon 3 of transcript AGAP011948-PA

JHU_Ag_77354	IVVDHR	AGAP011948-PA	-	31	0.003014406	1	738.427	1.37	Ovary	3L:+:35501845-35501862	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_77852	IVVDHR	AGAP011948-PA	-	37	0.00080761	2	738.427	1.37	Salivary gland	3L:+:35501845-35501862	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_78240	FGLDFR	AGAP011948-PA	-	39	0.000855703	2	754.388	-0.81	Visceras	3L:+:35502136-35502153	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_78948	VDWIIHFSALLSAIGEQNVPLAVR	AGAP011948-PA	-	73	1.70E-07	1	2648.458	0.81	Ovary	3L:+:35501863-35501934	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_80572	VNIEGMHNVLELAK	AGAP011948-PA	M6(Oxidation)	38	0.001597459	1	1582.829	1.94	Head	3L:+:35501935-35501976	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_84452	VNIEGMHNVLELAK	AGAP011948-PA	M6(Oxidation)	99	1.48E-09	1	1566.833	1.04	Salivary gland	3L:+:35501935-35501976	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_86023	RVYNVTAMSFTPEELVEK	AGAP011948-PA	M8(Oxidation)	46	0.000338826	1	2129.065	3.28	Salivary gland	3L:+:35502439-35502492	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_88795	ILITGGLGQLGVECAK	AGAP011948-PA	C14(Carbamidomethyl)	140	6.33E-14	1	1628.906	1.2	Visceras	3L:+:35499911-35499923,35501684-35501718	exon=> In CDS Exon 1 and 2 of transcript AGAP011948-PA
JHU_Ag_88821	DVTENYIKK	AGAP011948-PA	-	41	0.000898632	1	1109.587	2.67	Salivary gland	3L:+:35502655-35502681	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_92457	IFVPSTIGAFGPDSPR	AGAP011948-PA	-	44	0.000533492	2	1660.874	2.8	Pupa	3L:+:35501992-35502039	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_93294	NPTPNVTIQRPR	AGAP011948-PA	-	73	3.07E-07	1	1392.769	-0.97	Ovary	3L:+:35502040-35502075	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_93572	NPTPNVTIQRPR	AGAP011948-PA	-	40	0.000675889	1	1392.774	2.29	Malpighian tubule	3L:+:35502040-35502075	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_94698	IFVPSTIGAFGPDSPR	AGAP011948-PA	-	88	2.32E-08	2	1660.869	-0.36	Salivary gland	3L:+:35501992-35502039	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_95083	NPTPNVTIQRPR	AGAP011948-PA	-	40	0.000671079	1	1392.769	-0.93	Head	3L:+:35502040-35502075	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_98917	SQYGEESVILSDIIKPSSEIVNSGPYIFADILDFK	AGAP011948-PA	-	242	4.20E-24	1	3873.976	1.89	Ovary	3L:+:35501728-35501832	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_99534	FPGVISSDPPGGGTTDYAVAVFFEGLK	AGAP011948-PA	-	74	5.02E-07	1	2728.368	6.29	Salivary gland	3L:+:35502163-35502208,35502287-35502321	exon=> In CDS Exon 2 and 3 of transcript AGAP011948-PA
JHU_Ag_101043	VYNVTAMSFTPEELVEK	AGAP011948-PA	M7(Oxidation)	100	1.90E-09	1	1972.961	1.86	Salivary gland	3L:+:35502442-35502492	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_101284	VNIEGMHNVLELAK	AGAP011948-PA	-	42	0.000669268	1	1566.832	0.57	Malpighian tubule	3L:+:35501935-35501976	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_101735	VHAELMGEYYHHK	AGAP011948-PA	M6(Oxidation)	52	7.53E-05	1	1629.746	-1.19	Ovary	3L:+:35502097-35502135	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_101929	IFVPSTIGAFGPDSPR	AGAP011948-PA	-	100	1.35E-09	1	1660.876	3.9	Malpighian tubule	3L:+:35501992-35502039	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_105510	VYNVTAMSFTPEELVEK	AGAP011948-PA	M7(Oxidation)	45	0.00054723	2	1972.958	0.19	Midgut	3L:+:35502442-35502492	exon=> In CDS Exon 3 of transcript AGAP011948-PA
JHU_Ag_111409	VNIEGMHNVLELAK	AGAP011948-PA	M6(Oxidation)	107	2.50E-10	1	1582.827	0.47	Ovary	3L:+:35501935-35501976	exon=> In CDS Exon 2 of transcript AGAP011948-PA
JHU_Ag_71465	VSAQIQDVATSSR	AGAP011954-PA	-	89	1.93E-08	2	1361.705	1.85	Head	3L:+:35514689-35514727	exon=> In CDS Exon 1 of transcript AGAP011954-PA
JHU_Ag_100257	RLEILSTK	AGAP011954-PA	-	42	0.000380446	2	959.588	-0.73	Head	3L:+:35515178-35515201	exon=> In CDS Exon 1 of transcript AGAP011954-PA
JHU_Ag_103728	DVLTFIDQLQR	AGAP011954-PA	-	72	9.00E-07	2	1347.732	3.61	Head	3L:+:35514656-35514688	exon=> In CDS Exon 1 of transcript AGAP011954-PA
JHU_Ag_111829	LQLSLLAPLEQLR	AGAP011954-PA	-	49	1.49E-05	2	1493.907	1.24	Head	3L:+:35514758-35514796	exon=> In CDS Exon 1 of transcript AGAP011954-PA
JHU_Ag_54399	LAGLAWFQK	AGAP011958-PA	-	48	0.000111773	2	1033.584	1.25	Pupa	3L:-:35582090-35582064	exon=> In CDS Exon 2 of transcript AGAP011958-PA

JHU_Ag_11215	GGDFNLDGYPDLLATLTK	AGAP011964-PA	-	49	0.000187731	2	1909.953	-0.58	Midgut	3L:+:35665125-35665178	exon=> In CDS Exon 1 of transcript AGAP011964-PA
JHU_Ag_34858	VIVLTGLSNSSGPK	AGAP011964-PA	-	46	0.000182517	2	1371.785	0.59	Midgut	3L:+:35665431-35665472	exon=> In CDS Exon 1 of transcript AGAP011964-PA
JHU_Ag_102884	DNFHTLQILLGSDDKPLLR	AGAP011964-PA	-	118	9.89E-12	1	2195.183	0.44	Midgut	3L:+:35664318-35664374	exon=> In CDS Exon 1 of transcript AGAP011964-PA
JHU_Ag_32742	LETLHK	AGAP011966-PA	-	30	0.002754 06	2	740.428	-3.43	Head	3L:+:35680340-35680357	exon=> In CDS Exon 2 of transcript AGAP011966-PA
JHU_Ag_8412	DVNIILVLSHCGLEVDKR	AGAP011971-PA	C11(Carbamidomethyl)	104	2.57E-10	1	2080.123	0.62	Salivary gland	3L:+:35699293-35699346	exon=> In CDS Exon 4 of transcript AGAP011971-PA
JHU_Ag_8559	QVEAYGATK	AGAP011971-PA	-	44	0.000549678	2	966.487	-1.7	Salivary gland	3L:+:35699739-35699765	exon=> In CDS Exon 5 of transcript AGAP011971-PA
JHU_Ag_10360	AAEEGDTCIAGIAR	AGAP011971-PA	C8(Carbamidomethyl)	127	2.41E-12	1	1433.669	-0.09	Salivary gland	3L:+:35698658-35698699	exon=> In CDS Exon 2 of transcript AGAP011971-PA
JHU_Ag_13500	LLHPDAMTLGNHEFDDGLKGLRPYLSALAK	AGAP011971-PA	M7(Oxidation)	56	1.86E-05	1	3308.704	-1.64	Salivary gland	3L:+:35698829-35698849,35698916-35698984	exon=> In CDS Exon 2 and 3 of transcript AGAP011971-PA
JHU_Ag_15967	GDALWQLVEHSLVWDSVKR	AGAP011971-PA	-	99	1.23E-09	1	2238.170	1.51	Salivary gland	3L:+:35700076-35700132	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_17327	VVNESNLVGGR	AGAP011971-PA	N6(Deamidated),N3(Deamidated)	82	9.71E-08	2	1143.610	-1.58	Salivary gland	3L:+:35700397-35700429	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_28898	VVADLDR	AGAP011971-PA	-	43	0.001055267	2	787.432	1.48	Salivary gland	3L:+:35700163-35700183	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_30621	GDALWQLVEHSLVWDSVK	AGAP011971-PA	-	153	6.09E-15	1	2082.065	-0.11	Salivary gland	3L:+:35700076-35700129	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_34872	RLNVAQVAGLR	AGAP011971-PA	-	66	5.43E-07	1	1196.722	-0.36	Head	3L:+:35700130-35700162	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_35233	GLRPYLSALAK	AGAP011971-PA	-	65	8.27E-07	1	1188.711	0.61	Salivary gland	3L:+:35698952-35698984	exon=> In CDS Exon 3 of transcript AGAP011971-PA
JHU_Ag_37526	LLHPDAMTLGNHEFDDGLK	AGAP011971-PA	M7(Oxidation)	82	1.15E-07	1	2139.011	-2.95	Head	3L:+:35698829-35698849,35698916-35698951	exon=> In CDS Exon 2 and 3 of transcript AGAP011971-PA
JHU_Ag_41403	STDPFPALPR	AGAP011971-PA	-	67	1.93E-06	1	1100.575	1.77	Salivary gland	3L:+:35699021-35699050	exon=> In CDS Exon 3 of transcript AGAP011971-PA
JHU_Ag_46730	THELSNTESITFSDSVAAVREEAAALK	AGAP011971-PA	-	76	3.07E-07	1	2876.428	0.1	Salivary gland	3L:+:35699111-35699116,35699212-35699286	exon=> In CDS Exon 3 and 4 of transcript AGAP011971-PA
JHU_Ag_50004	VVTMSFIATGK	AGAP011971-PA	M4(Oxidation)	91	6.35E-09	2	1153.632	2.93	Salivary gland	3L:+:35700274-35700306	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_51802	CKAAEEGDTCIAGIAR	AGAP011971-PA	C1(Carbamidomethyl), C10(Carbamidomethyl)	49	0.000177245	1	1721.795	0.15	Salivary gland	3L:+:35698652-35698699	exon=> In CDS Exon 2 of transcript AGAP011971-PA
JHU_Ag_52021	NALFFNVGDNFQGTIWYNYHR	AGAP011971-PA	-	100	1.55E-09	1	2576.212	0.34	Salivary gland	3L:+:35698739-35698801	exon=> In CDS Exon 2 of transcript AGAP011971-PA
JHU_Ag_52633	KDIQTVATNLIR	AGAP011971-PA	-	69	5.08E-07	1	1371.795	-0.15	Salivary gland	3L:+:35698985-35699020	exon=> In CDS Exon 3 of transcript AGAP011971-PA
JHU_Ag_53102	DIQTVATNLIR	AGAP011971-PA	-	81	7.27E-08	1	1243.699	-1.41	Salivary gland	3L:+:35698988-35699020	exon=> In CDS Exon 3 of transcript AGAP011971-PA
JHU_Ag_57806	QLAELFPLTIIHMNDLHAR	AGAP011971-PA	N14(Deamidated),"M13(Oxidation), N14(Deamidated)",M13(Oxidation)	126	1.66E-12	1	2232.194	-0.81	Salivary gland	3L:+:35698509-35698564,35698621-35698621	exon=> In CDS Exon 1 and 2 of transcript AGAP011971-PA
JHU_Ag_58807	VFHTVQELR	AGAP011971-PA	-	69	1.37E-06	1	1128.614	-1.56	Salivary gland	3L:+:35698700-35698726	exon=> In CDS Exon 2 of transcript AGAP011971-PA
JHU_Ag_59595	LLHPDAMTLGNHEFDDGLK	AGAP011971-PA	M7(Oxidation)	156	4.28E-15	1	2123.024	0.82	Salivary gland	3L:+:35698829-35698849,35698916-35698951	exon=> In CDS Exon 2 and 3 of transcript AGAP011971-PA

JHU_Ag_60270	SIGIIGVIADKTHELSNTESITFSDSVAAVR	AGAP011971-PA	-	167	1.08E-16	1	3230.707	5.23	Salivary gland	3L:+:35699078-35699116,35699212-35699265	exon=> In CDS Exon 3 and 4 of transcript AGAP011971-PA
JHU_Ag_62099	KILIVQAYAYGK	AGAP011971-PA	-	104	8.41E-11	1	1366.810	0.56	Salivary gland	3L:+:35699497-35699499,35699574-35699606	exon=> In CDS Exon 4 and 5 of transcript AGAP011971-PA
JHU_Ag_66874	DVNIILVLSHCGLEVDK	AGAP011971-PA	C11(Carbamidomethyl)	88	1.41E-08	1	1924.022	0.31	Salivary gland	3L:+:35699293-35699343	exon=> In CDS Exon 4 of transcript AGAP011971-PA
JHU_Ag_68900	LKVVNESNLVGGR	AGAP011971-PA	-	103	3.65E-10	1	1384.787	-2.51	Salivary gland	3L:+:35700391-35700429	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_69198	SIGIIGVIADK	AGAP011971-PA	-	73	1.88E-07	2	1085.660	3.36	Salivary gland	3L:+:35699078-35699110	exon=> In CDS Exon 3 of transcript AGAP011971-PA
JHU_Ag_74739	VLSIDVR	AGAP011971-PA	-	59	1.33E-05	2	801.482	-1.17	Salivary gland	3L:+:35700199-35700219	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_81554	LTAYFDAQGEVQHWEGFPVYLSNSVPQSPVALR	AGAP011971-PA	-	157	2.14E-15	1	3705.836	0.71	Salivary gland	3L:+:35699619-35699717	exon=> In CDS Exon 5 of transcript AGAP011971-PA
JHU_Ag_83762	GDITNEEAIGASPFSNTVDLLTLR	AGAP011971-PA	-	183	7.23E-18	1	2533.281	0.95	Salivary gland	3L:+:35699928-35699931,35700008-35700075	exon=> In CDS Exon 5 and 6 of transcript AGAP011971-PA
JHU_Ag_83829	THELSNTESITFSDSVAAVR	AGAP011971-PA	-	103	7.07E-10	2	2164.050	-0.65	Salivary gland	3L:+:35699111-35699116,35699212-35699265	exon=> In CDS Exon 3 and 4 of transcript AGAP011971-PA
JHU_Ag_85045	QIGPLDSDTFIQYLK	AGAP011971-PA	-	128	1.95E-12	1	1737.908	1.18	Salivary gland	3L:+:35700343-35700387	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_87283	NLNDGVSYEPLNR	AGAP011971-PA	-	101	1.12E-09	1	1490.725	0.97	Salivary gland	3L:+:35700220-35700258	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_92586	VFHTVQELRK	AGAP011971-PA	-	65	2.34E-06	1	1256.720	7.05	Salivary gland	3L:+:35698700-35698729	exon=> In CDS Exon 2 of transcript AGAP011971-PA
JHU_Ag_92653	RLNVAQVAGLR	AGAP011971-PA	-	88	3.66E-09	1	1196.722	-0.16	Salivary gland	3L:+:35700130-35700162	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_98723	ILIVQAYAYGK	AGAP011971-PA	-	102	2.58E-10	1	1238.714	-0.07	Salivary gland	3L:+:35699574-35699606	exon=> In CDS Exon 5 of transcript AGAP011971-PA
JHU_Ag_107205	EEAAALK	AGAP011971-PA	-	43	0.00160151	1	731.394	0.99	Salivary gland	3L:+:35699266-35699286	exon=> In CDS Exon 4 of transcript AGAP011971-PA
JHU_Ag_108624	VVADLDRAPYGR	AGAP011971-PA	-	83	7.33E-08	1	1331.716	6.62	Salivary gland	3L:+:35700163-35700198	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_112146	SVTIKR	AGAP011971-PA	-	42	0.000462485	2	703.445	-1.53	Salivary gland	3L:+:35699051-35699068	exon=> In CDS Exon 3 of transcript AGAP011971-PA
JHU_Ag_113259	LNVAQVAGLR	AGAP011971-PA	-	90	4.26E-09	2	1040.624	2.33	Salivary gland	3L:+:35700133-35700162	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_113757	FAETSER	AGAP011971-PA	-	47	0.000175097	1	839.387	-2.35	Salivary gland	3L:+:35698622-35698642	exon=> In CDS Exon 2 of transcript AGAP011971-PA
JHU_Ag_113775	ILAPYR	AGAP011971-PA	-	32	0.003858305	1	732.441	0.89	Salivary gland	3L:+:35699718-35699735	exon=> In CDS Exon 5 of transcript AGAP011971-PA
JHU_Ag_115043	IAQTTVDLVQATCR	AGAP011971-PA	C13(Carbamidomethyl)	128	2.58E-12	1	1575.816	0.22	Salivary gland	3L:+:35699766-35699807	exon=> In CDS Exon 5 of transcript AGAP011971-PA
JHU_Ag_116305	ILIVQAYAYGKYVGR	AGAP011971-PA	-	32	0.00336635	1	1713.966	-1.55	Salivary gland	3L:+:35699574-35699618	exon=> In CDS Exon 5 of transcript AGAP011971-PA
JHU_Ag_116569	QIGPLDSDTFIQYLKK	AGAP011971-PA	-	82	6.56E-08	1	1865.999	-1.04	Salivary gland	3L:+:35700343-35700390	exon=> In CDS Exon 6 of transcript AGAP011971-PA
JHU_Ag_19910	HHGGPDVIEAFK	AGAP011972-PA	-	53	8.88E-05	1	1306.651	-1.93	Head	3L:+:35704773-35704808	exon=> In CDS Exon 5 of transcript AGAP011972-PA
JHU_Ag_6683	MDEIAQIGFQIIALAK	AGAP011973-PA	N-Term(Acetyl), M1(Oxidation)	104	3.61E-10	1	1818.972	2.74	Ovary	3L:+:35713485-35713532	exon=> In CDS Exon 1 of transcript AGAP011973-PA
JHU_Ag_67057	LLQEAVLEILK	AGAP011973-PA	-	76	3.21E-08	1	1268.781	-1.13	Ovary	3L:+:35713620-35713652	exon=> In CDS Exon 1 of transcript AGAP011973-PA

JHU_Ag_44177	VFVKPMSADLYDLQPVFVQR	AGAP011974-PA	M6(Oxidation)	78	1.46E-07	1	2368.250	5.32	Larva	3L:+:35715891-35715950	exon=> In CDS Exon 3 of transcript AGAP011974-PA
JHU_Ag_21155	VIDFGLLIK	AGAP011975-PA	-	51	7.31E-06	2	1017.636	1.29	Salivary gland	3L:+:35718936-35718962	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_22011	TGPYADPTDFLLK	AGAP011975-PA	-	43	0.000816754	1	1437.719	-4.98	Ovary	3L:+:35718435-35718473	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_30920	TGPYADPTDFLLK	AGAP011975-PA	-	70	1.61E-06	1	1437.725	-1.08	Midgut	3L:+:35718435-35718473	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_32470	VIDFGLLIKK	AGAP011975-PA	-	27	0.001296921	1	1145.732	2.11	Malpighian tubule	3L:+:35718936-35718965	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_43804	TGPYADPTDFLLK	AGAP011975-PA	-	47	0.000310715	2	1437.735	5.97	Head	3L:+:35718435-35718473	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_45738	FLILDPHYTGPDELGPVLGK	AGAP011975-PA	-	37	0.001476028	1	2181.163	1.83	Ovary	3L:+:35719963-35720022	exon=> In CDS Exon 2 of transcript AGAP011975-PA
JHU_Ag_64036	VLINPHETLTVPHPEGR	AGAP011975-PA	-	88	1.06E-08	1	1909.036	3.5	Malpighian tubule	3L:+:35719395-35719431,35719517-35719530	exon=> In CDS Exon 1 and 2 of transcript AGAP011975-PA
JHU_Ag_69107	FLILDPHYTGPDELGPVLGK	AGAP011975-PA	-	68	1.10E-06	3	2181.166	3.09	Head	3L:+:35719963-35720022	exon=> In CDS Exon 2 of transcript AGAP011975-PA
JHU_Ag_73514	FLILDPHYTGPDELGPVLGK	AGAP011975-PA	-	49	9.66E-05	1	2181.167	3.68	Salivary gland	3L:+:35719963-35720022	exon=> In CDS Exon 2 of transcript AGAP011975-PA
JHU_Ag_80992	AGPDAFVTDNPVYLHYTGEPGADLQTFIFEQR	AGAP011975-PA	-	65	3.74E-06	3	3568.717	4.22	Visceras	3L:+:35718474-35718569	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_82166	LGDKQRPFIGSR	AGAP011975-PA	-	35	0.003145746	1	1373.766	0.52	Malpighian tubule	3L:+:35719708-35719743	exon=> In CDS Exon 2 of transcript AGAP011975-PA
JHU_Ag_85705	FLILDPHYTGPDELGPVLGK	AGAP011975-PA	-	52	5.09E-05	1	2181.169	4.35	Visceras	3L:+:35719963-35720022	exon=> In CDS Exon 2 of transcript AGAP011975-PA
JHU_Ag_88482	ELGHFVTCVYPLGEEVSETDSFLER	AGAP011975-PA	C8(Carbamidomethyl)	69	1.81E-06	1	2913.363	0.44	Salivary gland	3L:+:35719230-35719304	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_90647	VLINPHETLTVPHPEGR	AGAP011975-PA	-	42	0.000501571	1	1909.030	0.62	Salivary gland	3L:+:35719395-35719431,35719517-35719530	exon=> In CDS Exon 1 and 2 of transcript AGAP011975-PA
JHU_Ag_101755	LQCTLTLVCEQTEK	AGAP011975-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	65	5.18E-06	1	1722.840	-0.36	Salivary gland	3L:+:35718639-35718680	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_114268	TGPYADPTDFLLK	AGAP011975-PA	-	68	2.55E-06	1	1437.731	3.68	Malpighian tubule	3L:+:35718435-35718473	exon=> In CDS Exon 1 of transcript AGAP011975-PA
JHU_Ag_68982	ERIIAK	AGAP011979-PA	-	34	0.005892542	2	729.458	-4.62	Head	3L:+:35816080-35816097	exon=> In CDS Exon 3 of transcript AGAP011979-PA
JHU_Ag_36195	LHVLVIGPGLGR	AGAP011983-PA	-	36	0.000143599	2	1230.769	0.55	Head	3L:-:35857996-35857961	exon=> In CDS Exon 1 of transcript AGAP011983-PA
JHU_Ag_32437	PIQIANESNNSGGGGGSGHEIKVK	AGAP011993-PA	-	39	0.001643811	1	2350.181	2.53	Malpighian tubule	3L:-:35996640-35996569	exon=> In CDS Exon 1 of transcript AGAP011993-PA
JHU_Ag_68885	PIQIANESNNSGGGGGSGHEIK	AGAP011993-PA	-	91	1.19E-08	1	2123.009	-0.99	Salivary gland	3L:-:35996640-35996575	exon=> In CDS Exon 1 of transcript AGAP011993-PA
JHU_Ag_5708	IDPALDLDDDQGPELPTK	AGAP011996-PA	-	120	1.78E-11	1	1951.955	2.96	Larva	3L:+:36028401-36028425,36028506-36028534	exon=> In CDS Exon 2 and 3 of transcript AGAP011996-PA
JHU_Ag_19486	FWYAISK	AGAP011996-PA	-	46	0.000187999	1	914.480	3.29	Midgut	3L:+:36028583-36028603	exon=> In CDS Exon 3 of transcript AGAP011996-PA
JHU_Ag_41095	MMNEETSSPASSNVVALFFK	AGAP011996-PA	N-Term(Acetyl), M1(Oxidation), M2(Oxidation)	62	6.36E-06	3	2263.027	0.44	Midgut	3L:+:36027993-36028052	exon=> In CDS Exon 1 of transcript AGAP011996-PA
JHU_Ag_48366	LGQLYQLQLDK	AGAP011996-PA	-	83	3.73E-08	1	1318.738	0.96	Male reproductive organs	3L:+:36028056-36028064,36028224-36028247	exon=> In CDS Exon 1 and 2 of transcript AGAP011996-PA

JHU_Ag_57960	SNEEFRPFIR	AGAP011996-PA	-	34	0.006149671	1	1294.641	-10.14	Malpighian tubule	3L:+:36028535-36028564	exon=> In CDS Exon 3 of transcript AGAP011996-PA
JHU_Ag_67379	RLGQLYQLQLDK	AGAP011996-PA	-	40	0.000485526	1	1474.838	0.33	Midgut	3L:+:36028053-36028064,36028224-36028247	exon=> In CDS Exon 1 and 2 of transcript AGAP011996-PA
JHU_Ag_84957	LGQLYQLQLDK	AGAP011996-PA	-	67	1.39E-06	2	1318.739	1.8	Salivary gland	3L:+:36028056-36028064,36028224-36028247	exon=> In CDS Exon 1 and 2 of transcript AGAP011996-PA
JHU_Ag_86245	SNEEFRPFIR	AGAP011996-PA	-	43	0.000756208	1	1294.654	0.1	Male reproductive organs	3L:+:36028535-36028564	exon=> In CDS Exon 3 of transcript AGAP011996-PA
JHU_Ag_86688	IDPALDLDDDQGPELPTK	AGAP011996-PA	-	95	4.70E-09	1	1951.948	-0.73	Midgut	3L:+:36028401-36028425,36028506-36028534	exon=> In CDS Exon 2 and 3 of transcript AGAP011996-PA
JHU_Ag_89126	IDPALDLDDDQGPELPTK	AGAP011996-PA	-	125	4.70E-12	1	1951.949	-0.36	Salivary gland	3L:+:36028401-36028425,36028506-36028534	exon=> In CDS Exon 2 and 3 of transcript AGAP011996-PA
JHU_Ag_96965	IDPALDLDDDQGPELPTK	AGAP011996-PA	-	98	2.77E-09	1	1951.951	0.95	Male reproductive organs	3L:+:36028401-36028425,36028506-36028534	exon=> In CDS Exon 2 and 3 of transcript AGAP011996-PA
JHU_Ag_100691	IDPALDLDDDQGPELPTK	AGAP011996-PA	-	109	2.11E-10	1	1951.954	2.33	Pupa	3L:+:36028401-36028425,36028506-36028534	exon=> In CDS Exon 2 and 3 of transcript AGAP011996-PA
JHU_Ag_101069	LGQLYQLQLDK	AGAP011996-PA	-	37	0.001729246	1	1318.736	-0.37	Midgut	3L:+:36028056-36028064,36028224-36028247	exon=> In CDS Exon 1 and 2 of transcript AGAP011996-PA
JHU_Ag_112379	IDPALDLDDDQGPELPTK	AGAP011996-PA	-	113	8.09E-11	1	1951.958	4.39	Malpighian tubule	3L:+:36028401-36028425,36028506-36028534	exon=> In CDS Exon 2 and 3 of transcript AGAP011996-PA
JHU_Ag_26835	STVTALLSR	AGAP011997-PA	-	82	2.81E-08	2	947.553	0.95	Malpighian tubule	3L:-:36031983-36031957	exon=> In CDS Exon 1 of transcript AGAP011997-PA
JHU_Ag_51242	SSGADVPSDAPAHCPGTQSDDAGK	AGAP011997-PA	N-Term(Acetyl), C14(Carbamidomethyl)	75	1.50E-07	1	2369.006	4.71	Head	3L:-:36032202-36032131	exon=> In CDS Exon 1 of transcript AGAP011997-PA
JHU_Ag_68841	STVTALLSR	AGAP011997-PA	-	72	3.04E-07	2	947.552	0.05	Ovary	3L:-:36031983-36031957	exon=> In CDS Exon 1 of transcript AGAP011997-PA
JHU_Ag_76793	DFITEFPTSPAVVALEEIVTK	AGAP011997-PA	-	50	7.43E-05	1	2306.221	1.95	Ovary	3L:-:36031332-36031270	exon=> In CDS Exon 1 of transcript AGAP011997-PA
JHU_Ag_101312	GPDPAIALVR	AGAP011997-PA	-	80	5.75E-08	2	1008.585	0.91	Male reproductive organs	3L:-:36032076-36032047	exon=> In CDS Exon 1 of transcript AGAP011997-PA
JHU_Ag_6464	VAVPVLVR	AGAP012001-PA	-	34	0.000153483	1	852.567	-0.09	Head	3L:-:36060649-36060626	exon=> In CDS Exon 2 of transcript AGAP012001-PA
JHU_Ag_50590	VAVPVLVR	AGAP012001-PA	-	34	0.000152426	1	852.566	-0.3	Midgut	3L:-:36060649-36060626	exon=> In CDS Exon 2 of transcript AGAP012001-PA
JHU_Ag_64287	VAVPVLVR	AGAP012001-PA	-	30	0.000447775	1	852.568	2.21	Malpighian tubule	3L:-:36060649-36060626	exon=> In CDS Exon 2 of transcript AGAP012001-PA
JHU_Ag_90443	VAVPVLVR	AGAP012001-PA	-	34	0.000149644	1	852.568	1.63	Salivary gland	3L:-:36060649-36060626	exon=> In CDS Exon 2 of transcript AGAP012001-PA
JHU_Ag_30386	IAAIR	AGAP012002-PA	-	32	0.002037746	1	543.363	2.9	Malpighian tubule	3L:+:36081869-36081883	exon=> In CDS Exon 7 of transcript AGAP012002-PA
JHU_Ag_30224	TLEQVSPGVFANR	AGAP012003-PA	-	67	3.22E-06	2	1417.743	-0.44	Ovary	3L:-:36084550-36084512	exon=> In CDS Exon 2 of transcript AGAP012003-PA
JHU_Ag_49451	DIQLVK	AGAP012003-PA	Q3(Deamidated)	42	0.001372266	1	716.420	1.23	Malpighian tubule	3L:-:36084028-36084011	exon=> In CDS Exon 2 of transcript AGAP012003-PA
JHU_Ag_78628	TDQLPEDVAIR	AGAP012003-PA	-	61	9.20E-06	2	1256.648	0.06	Ovary	3L:-:36084103-36084071	exon=> In CDS Exon 2 of transcript AGAP012003-PA
JHU_Ag_103635	DIQLVK	AGAP012003-PA	Q3(Deamidated)	42	0.000672137	1	716.418	-1.15	Midgut	3L:-:36084028-36084011	exon=> In CDS Exon 2 of transcript AGAP012003-PA

JHU_Ag_106279	GELSFTGPTIFLAGR	AGAP012003-PA	-	82	7.22E-08	1	1565.835	1.65	Ovary	3L:-:36084367-36084323	exon=> In CDS Exon 2 of transcript AGAP012003-PA
JHU_Ag_108636	DIQLVK	AGAP012003-PA	Q3(Deamidated)	44	0.000501716	1	716.419	-0.39	Male reproductive organs	3L:-:36084028-36084011	exon=> In CDS Exon 2 of transcript AGAP012003-PA
JHU_Ag_2385	LAALLSGQNVK	AGAP012004-PA	-	35	0.00176962	2	1113.663	0.4	Ovary	3L:+:36087015-36087047	exon=> In CDS Exon 2 of transcript AGAP012004-PA
JHU_Ag_11510	EAQLAK	AGAP012004-PA	Q3(Deamidated)	40	0.001727908	1	660.354	-4.15	Visceras	3L:+:36086097-36086114	exon=> In CDS Exon 1 of transcript AGAP012004-PA
JHU_Ag_103849	AINVPVNAISAVNR	AGAP012004-PA	-	32	0.002514718	2	1437.816	-1.11	Ovary	3L:+:36086946-36086987	exon=> In CDS Exon 2 of transcript AGAP012004-PA
JHU_Ag_22461	ASIILNGLGFTK	AGAP012005-PA	-	63	1.78E-06	2	1233.726	4.3	Salivary gland	3L:-:36089771-36089736	exon=> In CDS Exon 1 of transcript AGAP012005-PA
JHU_Ag_32480	SAAACTAVLKR	AGAP012005-PA	N-Term(Acetyl), C5(Carbamidomethyl)	65	5.70E-06	1	1189.637	1.2	Malpighian tubule	3L:-:36090770-36090738	exon=> In CDS Exon 1 of transcript AGAP012005-PA
JHU_Ag_43068	SIEGGFDEYRK	AGAP012005-PA	-	49	0.000161401	1	1300.613	-2.9	Head	3L:-:36088365-36088333	exon=> In CDS Exon 4 of transcript AGAP012005-PA
JHU_Ag_62899	AAAAATAATAPVLQTATASQVISK	AGAP012005-PA	-	64	2.16E-06	1	2213.214	0.01	Head	3L:-:36090275-36090204	exon=> In CDS Exon 1 of transcript AGAP012005-PA
JHU_Ag_71608	IVVGLLQPTGGLVQMHR	AGAP012005-PA	M15(Oxidation)	43	0.000161893	1	1834.043	3.32	Salivary gland	3L:-:36088955-36088905	exon=> In CDS Exon 3 of transcript AGAP012005-PA
JHU_Ag_97595	TLLQNADLLLASGR	AGAP012005-PA	-	81	5.31E-08	2	1484.846	2.05	Ovary	3L:-:36090119-36090078	exon=> In CDS Exon 1 of transcript AGAP012005-PA
JHU_Ag_28637	DNDETYLIETK	AGAP012006-PA	-	43	0.000562576	2	1340.622	0.52	Head	3L:+:36171341-36171373	exon=> In CDS Exon 7 of transcript AGAP012006-PA
JHU_Ag_7429	IIEVNGQNITTETHKK	AGAP012008-PA	-	42	0.000491684	1	1824.979	-1.23	Ovary	3L:-:36200892-36200845	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_14957	VVELIK	AGAP012008-PA	-	39	0.000510562	1	700.462	1.98	Ovary	3L:-:36200844-36200827	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_21183	VLTVTDGAAVGK	AGAP012008-PA	-	55	3.18E-05	2	1130.639	-2.25	Salivary gland	3L:-:36200424-36200389	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_22504	LLVIDPR	AGAP012008-PA	-	29	0.002314643	2	825.519	-0.93	Midgut	3L:-:36200805-36200785	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_25716	LLVIDPR	AGAP012008-PA	-	26	0.003912767	1	825.518	-1.23	Malpighian tubule	3L:-:36200805-36200785	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_27429	KVVELIK	AGAP012008-PA	-	42	8.23E-05	2	828.555	0.05	Ovary	3L:-:36200847-36200827	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_28609	VVELIK	AGAP012008-PA	-	39	0.000209146	1	700.460	-0.55	Salivary gland	3L:-:36200844-36200827	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_38671	VLTVTDGAAVGK	AGAP012008-PA	-	66	2.49E-06	2	1130.642	0.56	Ovary	3L:-:36200424-36200389	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_39942	ADFDGYGFNLHAEK	AGAP012008-PA	-	64	4.62E-06	2	1583.714	1.01	Salivary gland	3L:-:36201012-36200971	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_43279	RADFDGYGFNLHAEK	AGAP012008-PA	-	74	5.41E-07	1	1739.812	-1.01	Malpighian tubule	3L:-:36201015-36200971	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_58234	LCHVVK	AGAP012008-PA	C2(Carbamidomethyl)	45	0.000147996	2	755.423	-0.11	Salivary gland	3L:-:36201033-36201016	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_60831	LLVIDPR	AGAP012008-PA	-	41	0.000136925	2	825.520	0.62	Ovary	3L:-:36200805-36200785	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_65108	VDDGSPAESAGLR	AGAP012008-PA	-	66	3.35E-06	1	1273.605	2.12	Salivary gland	3L:-:36200943-36200905	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_73066	RADFDGYGFNLHAEK	AGAP012008-PA	-	82	9.40E-08	1	1739.813	-0.38	Salivary gland	3L:-:36201015-36200971	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_85534	LLVIDPR	AGAP012008-PA	-	30	0.001652418	2	825.517	-2.34	Head	3L:-:36200805-36200785	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_92335	KYEIIQK	AGAP012008-PA	-	47	7.38E-05	2	921.540	-0.03	Ovary	3L:-:36200205-36200185	exon=> In CDS Exon 1 of transcript AGAP012008-PA

JHU_Ag_93857	VDDGSPAESAGLR	AGAP012008-PA	-	52	9.08E-05	1	1273.606	2.79	Malpighian tubule	3L:-:36200943-36200905	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_94151	LLVIDPR	AGAP012008-PA	-	48	2.35E-05	2	825.519	0.03	Salivary gland	3L:-:36200805-36200785	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_94947	IIEVNGQNITTETHK	AGAP012008-PA	N5(Deamidated),Q7(Deamidated),N8(Deamidated)	42	0.000655261	1	1696.887	0.11	Ovary	3L:-:36200892-36200848	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_101738	IIEVNGQNITTETHK	AGAP012008-PA	-	35	0.00336816	3	1696.890	2.16	Midgut	3L:-:36200892-36200848	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_103642	VDDGSPAESAGLR	AGAP012008-PA	-	66	2.85E-06	1	1273.601	-0.66	Midgut	3L:-:36200943-36200905	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_103713	ADFDGYGFNLHAEK	AGAP012008-PA	-	76	2.81E-07	1	1583.709	-2.01	Ovary	3L:-:36201012-36200971	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_107407	VDDGSPAESAGLR	AGAP012008-PA	-	64	5.70E-06	1	1273.602	0.2	Ovary	3L:-:36200943-36200905	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_108302	AAAAGPVTNGTSINNNNNITNGTTNGHHENGGVNGK	AGAP012008-PA	N34(Deamidated),N25(Deamidated),N30(Deamidated),N21(Deamidated)	32	0.007685955	1	3488.614	0.19	Head	3L:-:36200748-36200641	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_114794	GRPGQYIGKVDDGSPAESAGLR	AGAP012008-PA	-	86	3.59E-08	1	2230.125	1.86	Malpighian tubule	3L:-:36200970-36200905	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_117590	RADFDGYGFNLHAEK	AGAP012008-PA	-	101	1.21E-09	1	1739.814	0.04	Ovary	3L:-:36201015-36200971	exon=> In CDS Exon 1 of transcript AGAP012008-PA
JHU_Ag_2466	ENELSFEEGAVR	AGAP012009-PA	-	82	9.36E-08	2	1379.649	3.91	Head	3L:+:36230596-36230631	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_5585	AALLNLAQDPAHPAMALNAR	AGAP012009-PA	M15(Oxidation)	46	0.000246758	1	2074.095	4.15	Ovary	3L:+:36233908-36233967	exon=> In CDS Exon 4 of transcript AGAP012009-PA
JHU_Ag_13384	GPFLVAVPLSTIINWER	AGAP012009-PA	-	34	0.001238354	1	1912.080	5.78	Ovary	3L:+:36230470-36230520	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_17930	LRELEEEER	AGAP012009-PA	-	36	0.004131506	2	1202.605	3.47	Head	3L:+:36230188-36230214	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_19436	HDYWLLAGIVTHGYGR	AGAP012009-PA	-	109	1.32E-10	1	1857.956	8.85	Ovary	3L:+:36233701-36233748	exon=> In CDS Exon 4 of transcript AGAP012009-PA
JHU_Ag_41732	IEYTEEDFENLVTFK	AGAP012009-PA	-	102	1.06E-09	2	1876.893	3.91	Head	3L:+:36228463-36228507	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_44029	QELDDILR	AGAP012009-PA	-	45	0.000520145	2	1001.529	3.21	Head	3L:+:36231775-36231798	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_49811	ELSYDQATWEDEEDDIAGLK	AGAP012009-PA	-	30	0.008387395	2	2327.027	3.13	Head	3L:+:36230014-36230073	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_73353	VGGNIEVLGFNAR	AGAP012009-PA	-	39	0.001814348	2	1345.729	4.8	Head	3L:+:36232351-36232389	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_77955	FNELAEFQNEFADISK	AGAP012009-PA	-	57	3.08E-05	2	1901.896	2.43	Head	3L:+:36230908-36230955	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_84215	AYHLVCLDPELEDTPEGK	AGAP012009-PA	C6(Carbamidomethyl)	47	0.000227407	1	2085.978	-0.91	Midgut	3L:+:36229303-36229356	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_114415	LVLLEK	AGAP012009-PA	-	27	0.003753608	1	714.475	-1.25	Pupa	3L:+:36231292-36231309	exon=> In CDS Exon 2 of transcript AGAP012009-PA
JHU_Ag_115024	AALLNLAQDPAHPAMALNAR	AGAP012009-PA	M15(Oxidation)	75	3.51E-07	1	2074.089	1.41	Head	3L:+:36233908-36233967	exon=> In CDS Exon 4 of transcript AGAP012009-PA
JHU_Ag_3785	YIDEQQIEGLR	AGAP012010-PA	-	70	2.10E-06	2	1363.691	4.09	Head	3L:+:36247434-36247466	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_7857	VVVHKHEGHIQSR	AGAP012010-PA	-	44	0.000283336	1	1525.838	2.04	Malpighian tubule	3L:+:36247168-36247206	exon=> In CDS Exon 4 of transcript AGAP012010-PA
JHU_Ag_11731	YLNWIGINTK	AGAP012010-PA	-	37	0.002465369	2	1221.665	1.78	Ovary	3L:+:36244941-36244970	exon=> In CDS Exon 2 of transcript AGAP012010-PA

JHU_Ag_22303	YIDEQQIEGLR	AGAP012010-PA	-	66	4.77E-06	2	1363.687	1.31	Ovary	3L:+:36247434-36247466	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_25218	TIQTVADVNAPQER	AGAP012010-PA	-	70	1.17E-06	1	1541.795	1.92	Malpighian tubule	3L:+:36247491-36247532	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_27231	VVVHKHEGHIQSR	AGAP012010-PA	-	33	0.004419988	1	1525.825	-6.04	Head	3L:+:36247168-36247206	exon=> In CDS Exon 4 of transcript AGAP012010-PA
JHU_Ag_31181	HGESEHNLQGLIGGDSNLSER	AGAP012010-PA	-	50	0.000178844	3	2249.064	4.24	Midgut	3L:+:36247341-36247403	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_49330	YLNWIGINTK	AGAP012010-PA	-	45	0.000373008	1	1221.663	-0.02	Head	3L:+:36244941-36244970	exon=> In CDS Exon 2 of transcript AGAP012010-PA
JHU_Ag_63032	VPLHTIIK	AGAP012010-PA	-	23	0.001013981	2	920.591	-1.57	Head	3L:+:36247951-36247974	exon=> In CDS Exon 7 of transcript AGAP012010-PA
JHU_Ag_63435	TIQTVADVNAPQER	AGAP012010-PA	-	42	0.000790576	2	1541.797	3.19	Ovary	3L:+:36247491-36247532	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_65503	NMNMDEALSDFR	AGAP012010-PA	-	56	9.96E-06	2	1442.607	2.43	Head	3L:+:36247036-36247071	exon=> In CDS Exon 4 of transcript AGAP012010-PA
JHU_Ag_67015	TIQTVADVNAPQER	AGAP012010-PA	-	70	1.29E-06	1	1541.800	5.33	Pupa	3L:+:36247491-36247532	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_73141	FVGKPNPNPAEK	AGAP012010-PA	-	51	6.89E-05	1	1297.690	0.38	Head	3L:+:36249578-36249613	exon=> In CDS Exon 8 of transcript AGAP012010-PA
JHU_Ag_81863	SHEFFRPDNEEAMAIR	AGAP012010-PA	M13(Oxidation)	37	0.002091143	1	1964.894	0.88	Head	3L:+:36245019-36245066	exon=> In CDS Exon 2 of transcript AGAP012010-PA
JHU_Ag_84404	GESYEDLVVR	AGAP012010-PA	-	64	6.26E-06	2	1166.567	-1.31	Head	3L:+:36247726-36247755	exon=> In CDS Exon 6 of transcript AGAP012010-PA
JHU_Ag_88266	HGESEHNLQGLIGGDSNLSER	AGAP012010-PA	-	126	3.81E-12	1	2249.064	4.56	Ovary	3L:+:36247341-36247403	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_88479	VEHIMLPIHAVDTHR	AGAP012010-PA	M5(Oxidation)	75	4.86E-07	1	1783.921	-3.29	Head	3L:+:36248002-36248046	exon=> In CDS Exon 7 of transcript AGAP012010-PA
JHU_Ag_88484	HGESEHNLQGLIGGDSNLSER	AGAP012010-PA	-	136	3.71E-13	1	2249.058	1.63	Head	3L:+:36247341-36247403	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_91956	TIQTVADVNAPQER	AGAP012010-PA	-	79	1.74E-07	1	1541.793	0.66	Head	3L:+:36247491-36247532	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_96225	HEGHIQSR	AGAP012010-PA	-	54	6.03E-05	1	963.474	-1.16	Head	3L:+:36247183-36247206	exon=> In CDS Exon 4 of transcript AGAP012010-PA
JHU_Ag_98012	TIQTVADVNAPQER	AGAP012010-PA	-	33	0.005846689	2	1541.797	3.51	Larva	3L:+:36247491-36247532	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_113636	TIQTVADVNAPQER	AGAP012010-PA	-	66	3.20E-06	1	1541.795	2.24	Male reproductive organs	3L:+:36247491-36247532	exon=> In CDS Exon 5 of transcript AGAP012010-PA
JHU_Ag_45099	VSILVERLK	AGAP012011-PA	-	19	0.008890237	1	1056.693	14.83	Malpighian tubule	3L:+:36262074-36262100	exon=> In CDS Exon 2 of transcript AGAP012011-PA
JHU_Ag_3111	ELNESPVSVLIVPEK	AGAP012012-PA	-	39	0.00071685	1	1652.901	-5.86	Salivary gland	3L:-:36295218-36295174	exon=> In CDS Exon 1 of transcript AGAP012012-PA
JHU_Ag_21015	SEVGGGGVHGIFK	AGAP012013-PA	-	50	0.000149421	2	1243.648	4.09	Malpighian tubule	3L:+:36303315-36303353	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_32772	SEVGGGGVHGIFK	AGAP012013-PA	-	58	2.17E-05	1	1243.640	-2.68	Head	3L:+:36303315-36303353	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_42782	ILSGSGSGTASGIIK	AGAP012013-PA	-	69	1.16E-06	2	1347.753	3.68	Malpighian tubule	3L:+:36303045-36303089	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_43442	TEQTGSSPQSSPK	AGAP012013-PA	-	43	0.000623995	2	1333.622	-0.62	Salivary gland	3L:+:36303360-36303398	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_49185	TGAGSLQEMPVK	AGAP012013-PA	-	58	2.70E-05	2	1217.619	-0.67	Ovary	3L:+:36302024-36302059	exon=> In CDS Exon 2 of transcript AGAP012013-PA
JHU_Ag_62789	SEVGGGGVHGIFK	AGAP012013-PA	-	58	2.13E-05	1	1243.643	0.26	Ovary	3L:+:36303315-36303353	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_75535	AGPVTTTPGTPTRR	AGAP012013-PA	-	46	0.000193182	1	1411.770	3.52	Ovary	3L:+:36302364-36302405	exon=> In CDS Exon 4 of transcript AGAP012013-PA

JHU_Ag_80012	CHSVFHLIELFR	AGAP012013-PA	C1(Carbamidomethyl)	88	2.33E-08	1	1557.808	5.53	Ovary	3L:+:36301679-36301714	exon=> In CDS Exon 1 of transcript AGAP012013-PA
JHU_Ag_100515	VWAFLLWK	AGAP012013-PA	-	41	0.000340763	2	1062.612	-1.13	Salivary gland	3L:+:36301793-36301816	exon=> In CDS Exon 1 of transcript AGAP012013-PA
JHU_Ag_101398	CHSVFHLIELFR	AGAP012013-PA	C1(Carbamidomethyl)	61	1.10E-05	1	1557.801	1.1	Malpighian tubule	3L:+:36301679-36301714	exon=> In CDS Exon 1 of transcript AGAP012013-PA
JHU_Ag_104322	IVVGAQLPQAMK	AGAP012013-PA	M11(Oxidation)	47	0.000100739	1	1254.724	-0.01	Ovary	3L:+:36302301-36302336	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_105031	AGPVTTTPGTPTRR	AGAP012013-PA	-	51	7.41E-05	1	1411.769	2.87	Malpighian tubule	3L:+:36302364-36302405	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_110412	TAVNGGTGSVGSAGK	AGAP012013-PA	N4(Deamidated)	44	0.000698733	2	1263.619	0.86	Head	3L:+:36303090-36303134	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_110763	VKTEQTGSSPQSSPK	AGAP012013-PA	-	66	3.75E-06	1	1560.793	4.36	Malpighian tubule	3L:+:36303354-36303398	exon=> In CDS Exon 4 of transcript AGAP012013-PA
JHU_Ag_316	NISFTVWDVGGQDK	AGAP012014-PA	-	83	1.02E-07	2	1565.757	-1.53	Visceras	3L:+:36310350-36310391	exon=> In CDS Exon 2 of transcript AGAP012014-PA
JHU_Ag_2003	DAVLLIFANKQDLPNAMNAAEITDK	AGAP012014-PA	M17(Oxidation)	46	0.000250678	1	2731.403	2.28	Head	3L:+:36310626-36310658,36310836-36310877	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_6741	QDLPNAMNAAEITDK	AGAP012014-PA	M7(Oxidation)	116	3.06E-11	1	1646.772	1.99	Head	3L:+:36310656-36310658,36310836-36310877	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_17102	MLAEDELR	AGAP012014-PA	-	54	6.43E-05	1	976.477	0.17	Malpighian tubule	3L:+:36310602-36310625	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_18358	IGEAREELMR	AGAP012014-PA	M9(Oxidation)	43	0.000885681	1	1203.616	0.45	Malpighian tubule	3L:+:36310572-36310601	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_23125	QDLPNAMNAAEITDKLGLHSLR	AGAP012014-PA	M7(Oxidation)	46	0.000327826	1	2423.239	1.77	Salivary gland	3L:+:36310656-36310658,36310836-36310898	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_24973	MLAEDELRDAVLLIFANK	AGAP012014-PA	M1(Oxidation)	97	1.73E-09	1	2077.099	-0.36	Ovary	3L:+:36310602-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_31229	MLAEDELR	AGAP012014-PA	M1(Oxidation)	56	4.31E-05	2	992.471	-0.67	Midgut	3L:+:36310602-36310625	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_32800	LGLHSLR	AGAP012014-PA	-	42	0.000256661	1	795.484	0.75	Midgut	3L:+:36310878-36310898	exon=> In CDS Exon 4 of transcript AGAP012014-PA
JHU_Ag_39280	MLAEDELRDAVLLIFANK	AGAP012014-PA	M1(Oxidation)	52	5.42E-05	1	2077.110	4.92	Malpighian tubule	3L:+:36310602-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_50052	LGLHSLR	AGAP012014-PA	-	39	0.000474765	2	795.485	1.59	Salivary gland	3L:+:36310878-36310898	exon=> In CDS Exon 4 of transcript AGAP012014-PA
JHU_Ag_50196	GNVFANLFK	AGAP012014-PA	N-Term(Acetyl)	37	0.002262436	1	1051.557	0.02	Ovary	3L:+:36310088-36310114	exon=> In CDS Exon 1 of transcript AGAP012014-PA
JHU_Ag_51539	DAVLLIFANK	AGAP012014-PA	-	69	4.72E-07	2	1103.649	2.6	Malpighian tubule	3L:+:36310626-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_54802	NISFTVWDVGGQDK	AGAP012014-PA	-	74	6.39E-07	2	1565.757	-1.92	Midgut	3L:+:36310350-36310391	exon=> In CDS Exon 2 of transcript AGAP012014-PA
JHU_Ag_60483	QDLPNAMNAAEITDK	AGAP012014-PA	M7(Oxidation)	127	2.03E-12	1	1646.769	0.06	Ovary	3L:+:36310656-36310658,36310836-36310877	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_61569	NISFTVWDVGGQDK	AGAP012014-PA	-	99	2.26E-09	1	1565.762	1.43	Salivary gland	3L:+:36310350-36310391	exon=> In CDS Exon 2 of transcript AGAP012014-PA
JHU_Ag_64228	LGLHSLR	AGAP012014-PA	-	38	0.000708533	1	795.484	-0.09	Ovary	3L:+:36310878-36310898	exon=> In CDS Exon 4 of transcript AGAP012014-PA
JHU_Ag_64718	DAVLLIFANK	AGAP012014-PA	-	57	1.02E-05	1	1103.648	1.72	Salivary gland	3L:+:36310626-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_65431	DAVLLIFANK	AGAP012014-PA	-	64	2.85E-06	2	1103.646	0.39	Ovary	3L:+:36310626-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA

JHU_Ag_69745	MLAEDELR	AGAP012014-PA	M1(Oxidation)	49	0.000196486	1	992.471	-1.15	Head	3L:+:36310602-36310625	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_76296	QDLPNAMNAAEITDK	AGAP012014-PA	M7(Oxidation)	115	3.53E-11	1	1646.764	-3.35	Midgut	3L:+:36310656-36310658,36310836-36310877	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_76301	DAVLLIFANK	AGAP012014-PA	-	90	6.39E-09	2	1103.647	0.61	Midgut	3L:+:36310626-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_88197	QDLPNAMNAAEITDK	AGAP012014-PA	-	91	1.43E-08	1	1630.779	3.15	Salivary gland	3L:+:36310656-36310658,36310836-36310877	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_89799	DAVLLIFANK	AGAP012014-PA	-	82	3.36E-08	2	1103.648	2.05	Visceras	3L:+:36310626-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_92845	LGLHSLR	AGAP012014-PA	-	33	0.001888868	2	795.488	5.12	Malpighian tubule	3L:+:36310878-36310898	exon=> In CDS Exon 4 of transcript AGAP012014-PA
JHU_Ag_95542	LGLHSLR	AGAP012014-PA	-	52	2.78E-05	1	795.483	-1.32	Head	3L:+:36310878-36310898	exon=> In CDS Exon 4 of transcript AGAP012014-PA
JHU_Ag_100556	MLAEDELRDAVLLIFANK	AGAP012014-PA	M1(Oxidation)	77	1.79E-07	1	2077.096	-1.87	Salivary gland	3L:+:36310602-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_101886	DAVLLIFANK	AGAP012014-PA	-	80	6.22E-08	2	1103.644	-1.71	Head	3L:+:36310626-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_102019	NISFTVWDVGGQDK	AGAP012014-PA	-	93	8.53E-09	1	1565.756	-2.07	Malpighian tubule	3L:+:36310350-36310391	exon=> In CDS Exon 2 of transcript AGAP012014-PA
JHU_Ag_102132	NISFTVWDVGGQDK	AGAP012014-PA	-	98	2.91E-09	1	1565.761	0.97	Head	3L:+:36310350-36310391	exon=> In CDS Exon 2 of transcript AGAP012014-PA
JHU_Ag_105682	NISFTVWDVGGQDK	AGAP012014-PA	-	44	0.000744181	2	1565.760	0.03	Ovary	3L:+:36310350-36310391	exon=> In CDS Exon 2 of transcript AGAP012014-PA
JHU_Ag_108827	MLAEDELRDAVLLIFANK	AGAP012014-PA	M1(Oxidation), N17(Deamidated),M1(Oxidation)	82	5.39E-08	1	2077.099	-0.46	Midgut	3L:+:36310602-36310655	exon=> In CDS Exon 3 of transcript AGAP012014-PA
JHU_Ag_111836	QDLPNAMNAAEITDK	AGAP012014-PA	M7(Oxidation)	62	6.69E-06	2	1646.774	3.17	Larva	3L:+:36310656-36310658,36310836-36310877	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_117493	QDLPNAMNAAEITDK	AGAP012014-PA	-	85	4.62E-08	1	1630.778	2.48	Malpighian tubule	3L:+:36310656-36310658,36310836-36310877	exon=> In CDS Exon 3 and 4 of transcript AGAP012014-PA
JHU_Ag_7452	ILMVGLDAAGK	AGAP012014-PA,AGAP002931-PB	M3(Oxidation)	85	3.44E-08	1	1103.614	0.97	Ovary	3L:+:36310142-36310174;2R:+:29823907-29823916,29824116-29824138	exon=> In CDS Exon 1 of transcript AGAP012014-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002931-PB
JHU_Ag_8561	HYFQNTQGLIFVVDSNDR	AGAP012014-PA,AGAP002931-PB	-	134	7.97E-13	1	2153.042	0.32	Midgut	3L:+:36310410-36310430,36310533-36310565;2R:+:29824286-29824339	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_12459	HYFQNTQGLIFVVDSNDRER	AGAP012014-PA,AGAP002931-PB	-	44	0.00063488	1	2438.183	-0.69	Visceras	3L:+:36310410-36310430,36310533-36310571;2R:+:29824286-29824345	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_17430	LKLGEIVTTIPTIGFNVETVEYK	AGAP012014-PA,AGAP002931-PB	-	40	0.000282189	3	2564.422	-0.22	Midgut	3L:+:36310193-36310232,36310321-36310349;2R:+:29824157-29824225	exon=> In CDS Exon 1 and 2 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB

JHU_Ag_24284	HYFQNTQGLIFVVDSNDR	AGAP012014-PA,AGAP002931-PB	-	54	6.86E-05	1	2153.050	4.14	Ovary	3L:+:36310410-36310430,36310533-36310565;2R:+:29824286-29824339	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_33985	ILMVGLDAAGK	AGAP012014-PA,AGAP002931-PB	M3(Oxidation)	74	5.42E-07	1	1103.614	1.2	Salivary gland	3L:+:36310142-36310174;2R:+:29823907-29823916,29824116-29824138	exon=> In CDS Exon 1 of transcript AGAP012014-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002931-PB
JHU_Ag_41579	ILMVGLDAAGK	AGAP012014-PA,AGAP002931-PB	M3(Oxidation)	68	1.85E-06	1	1103.615	2.19	Malpighian tubule	3L:+:36310142-36310174;2R:+:29823907-29823916,29824116-29824138	exon=> In CDS Exon 1 of transcript AGAP012014-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002931-PB
JHU_Ag_43476	LGEIVTTIPTIGFNVETVEYK	AGAP012014-PA,AGAP002931-PB	-	79	5.74E-08	1	2323.249	2.61	Malpighian tubule	3L:+:36310199-36310232,36310321-36310349;2R:+:29824163-29824225	exon=> In CDS Exon 1 and 2 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_49469	HYFQNTQGLIFVVDSNDRER	AGAP012014-PA,AGAP002931-PB	-	46	0.000362853	1	2438.191	2.39	Salivary gland	3L:+:36310410-36310430,36310533-36310571;2R:+:29824286-29824345	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_59420	LGEIVTTIPTIGFNVETVEYK	AGAP012014-PA,AGAP002931-PB	-	106	1.38E-10	1	2323.247	1.74	Head	3L:+:36310199-36310232,36310321-36310349;2R:+:29824163-29824225	exon=> In CDS Exon 1 and 2 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_65152	HYFQNTQGLIFVVDSNDR	AGAP012014-PA,AGAP002931-PB	-	146	4.39E-14	1	2153.046	2.25	Head	3L:+:36310410-36310430,36310533-36310565;2R:+:29824286-29824339	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_66752	ILMVGLDAAGK	AGAP012014-PA,AGAP002931-PB	M3(Oxidation)	64	4.27E-06	2	1103.612	-0.46	Head	3L:+:36310142-36310174;2R:+:29823907-29823916,29824116-29824138	exon=> In CDS Exon 1 of transcript AGAP012014-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002931-PB
JHU_Ag_67624	ILMVGLDAAGK	AGAP012014-PA,AGAP002931-PB	M3(Oxidation)	79	1.31E-07	2	1103.612	-1.35	Midgut	3L:+:36310142-36310174;2R:+:29823907-29823916,29824116-29824138	exon=> In CDS Exon 1 of transcript AGAP012014-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP002931-PB
JHU_Ag_69820	LGEIVTTIPTIGFNVETVEYK	AGAP012014-PA,AGAP002931-PB	-	83	3.15E-08	1	2323.243	-0.12	Ovary	3L:+:36310199-36310232,36310321-36310349;2R:+:29824163-29824225	exon=> In CDS Exon 1 and 2 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_76711	HYFQNTQGLIFVVDSNDRER	AGAP012014-PA,AGAP002931-PB	-	87	2.98E-08	1	2438.185	0.13	Midgut	3L:+:36310410-36310430,36310533-36310571;2R:+:29824286-29824345	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB

JHU_Ag_80734	LKLGEIVTTIPTIGFNVETVEYK	AGAP012014-PA,AGAP002931-PB	-	71	2.02E-07	1	2564.427	1.92	Head	3L:+:36310193-36310232,36310321-36310349;2R:+:29824157-29824225	exon=> In CDS Exon 1 and 2 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_88018	LGEIVTTIPTIGFNVETVEYK	AGAP012014-PA,AGAP002931-PB	-	77	1.19E-07	3	2323.242	-0.39	Midgut	3L:+:36310199-36310232,36310321-36310349;2R:+:29824163-29824225	exon=> In CDS Exon 1 and 2 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_88094	HYFQNTQGLIFVVDSNDRER	AGAP012014-PA,AGAP002931-PB	-	91	1.20E-08	1	2438.188	1.48	Ovary	3L:+:36310410-36310430,36310533-36310571;2R:+:29824286-29824345	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_93906	LGEIVTTIPTIGFNVETVEYK	AGAP012014-PA,AGAP002931-PB	-	44	0.000196461	1	2323.247	1.58	Salivary gland	3L:+:36310199-36310232,36310321-36310349;2R:+:29824163-29824225	exon=> In CDS Exon 1 and 2 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_109459	HYFQNTQGLIFVVDSNDRER	AGAP012014-PA,AGAP002931-PB	-	93	7.11E-09	1	2438.188	1.26	Malpighian tubule	3L:+:36310410-36310430,36310533-36310571;2R:+:29824286-29824345	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_115794	HYFQNTQGLIFVVDSNDR	AGAP012014-PA,AGAP002931-PB	-	105	6.14E-10	1	2153.043	0.66	Malpighian tubule	3L:+:36310410-36310430,36310533-36310565;2R:+:29824286-29824339	exon=> In CDS Exon 2 and 3 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB
JHU_Ag_44377	TTILYK	AGAP012014-PA,AGAP002931-PB,AGAP006890-PB	-	32	0.002563207	1	738.441	1.48	Ovary	3L:+:36310175-36310192;2R:+:29824139-29824156;2L:+:39408753-39408756,39408855-39408868	exon=> In CDS Exon 1 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP006890-PB
JHU_Ag_94231	TTILYK	AGAP012014-PA,AGAP002931-PB,AGAP006890-PB	-	30	0.001965343	2	738.439	-0.42	Midgut	3L:+:36310175-36310192;2R:+:29824139-29824156;2L:+:39408753-39408756,39408855-39408868	exon=> In CDS Exon 1 of transcript AGAP012014-PA;exon=> In CDS Exon 2 of transcript AGAP002931-PB;exon=> In CDS Exon 1 and 2 of transcript AGAP006890-PB
JHU_Ag_12866	LLLLGAEWLQK	AGAP012015-PA	-	28	0.003689266	1	1283.785	9.79	Malpighian tubule	3L:+:36320081-36320113	exon=> In CDS Exon 1 of transcript AGAP012015-PA
JHU_Ag_40292	QFLLSR	AGAP012019-PA	-	34	0.003151307	1	763.448	1.89	Ovary	3L:+:36444028-36444045	exon=> In CDS Exon 2 of transcript AGAP012019-PA
JHU_Ag_69604	FGDWIIETLQR	AGAP012020-PA,AGAP012504-PA	-	77	2.59E-07	2	1377.722	4.02	Larva	3L:-:36461151-36461119;UNKN:+:9251800-9251832	exon=> In CDS Exon 5 of transcript AGAP012020-PA;exon=> In CDS Exon 5 of transcript AGAP012504-PA
JHU_Ag_60	DLLEGLLQR	AGAP012026-PA	-	54	3.65E-05	2	1056.606	1.45	Visceras	3L:+:36646149-36646175	exon=> In CDS Exon 6 of transcript AGAP012026-PA
JHU_Ag_7252	DLLEGLLQR	AGAP012026-PA	-	57	1.85E-05	2	1056.606	1.56	Head	3L:+:36646149-36646175	exon=> In CDS Exon 6 of transcript AGAP012026-PA

JHU_Ag_7779	NEVPVNLFEPYIEEIFHHLR	AGAP012026-PA	-	42	0.000694053	1	2495.274	0.88	Malpighian tubule	3L:+:36633982-36634041	exon=> In CDS Exon 2 of transcript AGAP012026-PA
JHU_Ag_35046	GGFGEVYGCR	AGAP012026-PA	C9(Carbamidomethyl)	34	0.001770305	2	1101.478	-0.27	Head	3L:+:36642348-36642377	exon=> In CDS Exon 3 of transcript AGAP012026-PA
JHU_Ag_52802	ISDLGLACDFSK	AGAP012026-PA	C8(Carbamidomethyl)	72	9.89E-07	2	1325.648	5.18	Malpighian tubule	3L:+:36645217-36645252	exon=> In CDS Exon 5 of transcript AGAP012026-PA
JHU_Ag_59450	YGGSFASVWQTR	AGAP012026-PA	-	91	9.87E-09	1	1358.649	0.38	Head	3L:+:36646718-36646753	exon=> In CDS Exon 8 of transcript AGAP012026-PA
JHU_Ag_80329	FIVYRDLKPANILLDENGHVR	AGAP012026-PA	-	77	7.17E-08	1	2482.376	7.86	Malpighian tubule	3L:+:36645154-36645216	exon=> In CDS Exon 5 of transcript AGAP012026-PA
JHU_Ag_93960	GEVNAADAFDIGSFDEEDTK	AGAP012026-PA	-	98	9.81E-10	1	2129.919	1.91	Head	3L:+:36646376-36646435	exon=> In CDS Exon 7 of transcript AGAP012026-PA
JHU_Ag_6961	VFVTSSLTADELLETIK	AGAP012028-PA	-	82	4.39E-08	2	1866.013	1.48	Ovary	3L:+:36687896-36687946	exon=> In CDS Exon 3 of transcript AGAP012028-PA
JHU_Ag_25778	VFVTSSLTADELLETIKK	AGAP012028-PA	-	47	8.01E-05	1	1994.115	4.86	Malpighian tubule	3L:+:36687896-36687949	exon=> In CDS Exon 3 of transcript AGAP012028-PA
JHU_Ag_32173	VFVTSSLTADELLETIKK	AGAP012028-PA	-	89	5.43E-09	1	1994.109	1.87	Midgut	3L:+:36687896-36687949	exon=> In CDS Exon 3 of transcript AGAP012028-PA
JHU_Ag_43766	VFVTSSLTADELLETIKK	AGAP012028-PA	-	54	1.84E-05	1	1994.107	0.82	Ovary	3L:+:36687896-36687949	exon=> In CDS Exon 3 of transcript AGAP012028-PA
JHU_Ag_100958	VFVTSSLTADELLETIKK	AGAP012028-PA	-	42	0.000246866	1	1994.114	3.95	Visceras	3L:+:36687896-36687949	exon=> In CDS Exon 3 of transcript AGAP012028-PA
JHU_Ag_108260	VFVTSSLTADELLETIK	AGAP012028-PA	-	99	8.86E-10	2	1866.019	4.49	Head	3L:+:36687896-36687946	exon=> In CDS Exon 3 of transcript AGAP012028-PA
JHU_Ag_5851	STFGEADVTELPPNRR	AGAP012038-PA	-	55	5.77E-05	1	1788.899	6.16	Head	3L:-:36812453-36812406	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_11159	STFGEADVTELPPNRR	AGAP012038-PA	-	58	2.67E-05	1	1788.892	2.4	Malpighian tubule	3L:-:36812453-36812406	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_14531	EVLDELDLASYGAGWTSR	AGAP012038-PA	-	87	3.36E-08	2	1981.947	-1.73	Salivary gland	3L:-:36811778-36811725	exon=> In CDS Exon 3 of transcript AGAP012038-PA
JHU_Ag_19956	AGQKPTDELTDCLR	AGAP012038-PA	C12(Carbamidomethyl)	84	5.52E-08	1	1603.775	0.04	Male reproductive organs	3L:-:36815635-36815716,36811865-36812454	exon=> In CDS Exon 2 and 1 of transcript AGAP012038-PA
JHU_Ag_21863	EGVIEWAVGSDNAVGNLK	AGAP012038-PA	-	72	9.08E-07	2	1857.947	6.72	Head	3L:-:36812141-36812088	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_33987	EGVIEWAVGSDNAVGNLKK	AGAP012038-PA	-	40	0.001325164	1	1986.032	1.24	Head	3L:-:36812141-36812085	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_45225	FSEPALTEAVEK	AGAP012038-PA	-	81	1.34E-07	2	1320.669	0.29	Salivary gland	3L:-:36812312-36812277	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_46497	IGQLGIADLDADSLK	AGAP012038-PA	-	90	9.75E-09	1	1528.825	2.09	Head	3L:-:36812045-36812001	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_58002	EVLDELDLASYGAGWTSR	AGAP012038-PA	-	121	1.31E-11	1	1981.953	1.41	Male reproductive organs	3L:-:36811778-36811725	exon=> In CDS Exon 3 of transcript AGAP012038-PA
JHU_Ag_58308	KAGQKPTDELTDCLR	AGAP012038-PA	C13(Carbamidomethyl)	39	0.001716827	1	1731.871	0.77	Malpighian tubule	3L:-:36815638-36815716,36811865-36812454	exon=> In CDS Exon 2 and 1 of transcript AGAP012038-PA
JHU_Ag_61423	IGQLGIADLDADSLK	AGAP012038-PA	-	66	2.39E-06	1	1528.830	5.37	Salivary gland	3L:-:36812045-36812001	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_64163	DTSVIVSTGNVLNVSELR	AGAP012038-PA	-	70	1.00E-06	2	1903.017	2.01	Head	3L:-:36815695-36815642	exon=> In CDS Exon 1 of transcript AGAP012038-PA
JHU_Ag_64491	STFGEADVTELPPNRR	AGAP012038-PA	-	57	3.62E-05	1	1788.892	2.2	Male reproductive organs	3L:-:36812453-36812406	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_67317	FSEPALTEAVEK	AGAP012038-PA	-	64	7.44E-06	2	1320.669	0.38	Midgut	3L:-:36812312-36812277	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_68185	FSEPALTEAVEK	AGAP012038-PA	-	40	0.001956849	2	1320.673	3.34	Larva	3L:-:36812312-36812277	exon=> In CDS Exon 2 of transcript AGAP012038-PA

JHU_Ag_78095	FSEPALTEAVEK	AGAP012038-PA	-	49	0.000222339	2	1320.668	-0.08	Head	3L:-:36812312-36812277	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_83117	DTSVIVSTGNVLNVSELR	AGAP012038-PA	-	66	2.27E-06	2	1903.018	2.4	Salivary gland	3L:-:36815695-36815642	exon=> In CDS Exon 1 of transcript AGAP012038-PA
JHU_Ag_87529	MLSHLLK	AGAP012038-PA	N-Term(Acetyl), M1(Oxidation)	48	0.000107616	1	899.504	2.37	Male reproductive organs	3L:-:36815716-36815696	exon=> In CDS Exon 1 of transcript AGAP012038-PA
JHU_Ag_91839	FSEPALTEAVEK	AGAP012038-PA	-	78	2.90E-07	1	1320.670	1.4	Male reproductive organs	3L:-:36812312-36812277	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_102394	AGQKPTDELTDCLR	AGAP012038-PA	C12(Carbamidomethyl)	83	6.47E-08	1	1603.777	1.48	Head	3L:-:36815635-36815716,36811865-36812454	exon=> In CDS Exon 2 and 1 of transcript AGAP012038-PA
JHU_Ag_102794	IGQLGIADLDADSLK	AGAP012038-PA	-	45	0.000352576	2	1528.827	3.61	Larva	3L:-:36812045-36812001	exon=> In CDS Exon 2 of transcript AGAP012038-PA
JHU_Ag_108861	AGQKPTDELTDCLR	AGAP012038-PA	C12(Carbamidomethyl)	96	3.68E-09	1	1603.779	2.78	Malpighian tubule	3L:-:36815635-36815716,36811865-36812454	exon=> In CDS Exon 2 and 1 of transcript AGAP012038-PA
JHU_Ag_110721	GFIVSLDR	AGAP012038-PA	-	42	0.00075707	2	906.504	-0.21	Salivary gland	3L:-:36811682-36811659	exon=> In CDS Exon 3 of transcript AGAP012038-PA
JHU_Ag_113945	EVLDELDLASYGAGWTSR	AGAP012038-PA	-	71	1.17E-06	2	1981.961	5.42	Head	3L:-:36811778-36811725	exon=> In CDS Exon 3 of transcript AGAP012038-PA
JHU_Ag_4471	TLLEHADAINEQIK	AGAP012041-PA	-	95	3.77E-09	1	1594.845	0.59	Head	3L:+:36834062-36834103	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_24803	TLLEHADAINEQIK	AGAP012041-PA	-	109	1.31E-10	1	1594.845	0.9	Ovary	3L:+:36834062-36834103	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_31995	AASTPGKDPNVFELDK	AGAP012041-PA	-	87	3.98E-08	1	1688.850	0.63	Ovary	3L:+:36833888-36833935	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_41358	TLLEHADAINEQIKK	AGAP012041-PA	-	87	1.12E-08	1	1722.943	2.53	Malpighian tubule	3L:+:36834062-36834106	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_67338	TLLEHADAINEQIK	AGAP012041-PA	-	90	1.04E-08	1	1594.845	0.75	Male reproductive organs	3L:+:36834062-36834103	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_69403	GISLTVPQWK	AGAP012041-PA	-	49	0.000135604	2	1128.643	1.79	Male reproductive organs	3L:+:36834032-36834061	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_72931	KITVNEFK	AGAP012041-PA	-	41	0.000519892	1	978.559	-2.83	Ovary	3L:+:36833942-36833965	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_75114	TLLEHADAINEQIK	AGAP012041-PA	-	52	5.80E-05	2	1594.858	9.01	Midgut	3L:+:36834062-36834103	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_87454	AASTPGKDPNVFELDK	AGAP012041-PA	-	79	2.58E-07	1	1688.854	2.94	Malpighian tubule	3L:+:36833888-36833935	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_96639	AASTPGKDPNVFELDK	AGAP012041-PA	-	45	0.000634971	2	1688.849	-0.24	Male reproductive organs	3L:+:36833888-36833935	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_115266	GISLTVPQWK	AGAP012041-PA	-	47	0.000207621	1	1128.644	2.11	Ovary	3L:+:36834032-36834061	exon=> In CDS Exon 2 of transcript AGAP012041-PA
JHU_Ag_22745	LHPANAFGGTQNWDESVIK	AGAP012042-PA	-	53	8.92E-05	1	2084.021	0.42	Midgut	3L:-:36834749-36834693	exon=> In CDS Exon 1 of transcript AGAP012042-PA
JHU_Ag_107599	DFAGPYFVSEDNMGFGRPTR	AGAP012042-PA	M13(Oxidation)	39	0.001148528	1	2279.016	-1.2	Midgut	3L:-:36834818-36834759	exon=> In CDS Exon 1 of transcript AGAP012042-PA
JHU_Ag_16858	ALELNPDYDKAR	AGAP012044-PA	-	47	0.000346734	2	1404.715	2.27	Ovary	3L:+:36838111-36838146	exon=> In CDS Exon 1 of transcript AGAP012044-PA
JHU_Ag_52283	ILGLAYLVDK	AGAP012044-PA	-	45	9.85E-05	2	1104.667	0.72	Ovary	3L:+:36838730-36838759	exon=> In CDS Exon 2 of transcript AGAP012044-PA
JHU_Ag_1509	ELLSVLEEAGQQPTVELVEMAK	AGAP012045-PA	M20(Oxidation)	72	6.25E-07	1	2429.265	7.02	Malpighian tubule	3L:-:36849647-36849582	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_1927	QGFPRPTAIQSQGWPIALSGR	AGAP012045-PA	-	41	0.000770803	3	2267.201	-1.57	Ovary	3L:-:36851103-36851041	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_3711	ELAQQIQTVVR	AGAP012045-PA	-	57	1.54E-05	2	1284.729	1.53	Pupa	3L:-:36850905-36850873	exon=> In CDS Exon 1 of transcript AGAP012045-PA

JHU_Ag_7454	STILVATDVAAR	AGAP012045-PA	-	70	8.46E-07	2	1216.690	-0.02	Ovary	3L:-:36849836-36849801	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_7625	MQFQGTAQPHQGGFR	AGAP012045-PA	N-Term(Acetyl), M1(Oxidation)	108	2.00E-10	1	1747.799	1.29	Head	3L:-:36851829-36851785	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_13028	DGYGATSIHGDK	AGAP012045-PA	-	39	0.001271515	1	1220.553	-1.4	Salivary gland	3L:-:36849920-36849885	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_15444	ELAQQIQTVVR	AGAP012045-PA	-	63	3.27E-06	2	1284.731	3.05	Malpighian tubule	3L:-:36850905-36850873	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_15631	STILVATDVAAR	AGAP012045-PA	-	46	0.000174057	2	1216.696	5.1	Malpighian tubule	3L:-:36849836-36849801	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_17960	NDFYVGQPGTKPPHFMNK	AGAP012045-PA	M16(Oxidation)	81	1.34E-07	1	2092.988	-1.29	Salivary gland	3L:-:36851766-36851713	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_21998	IVEQIRPDR	AGAP012045-PA	-	29	0.006153155	1	1125.639	1.37	Head	3L:-:36850220-36850194	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_24865	GLDVEDVKYVINFDYPNSSEDYIHR	AGAP012045-PA	-	160	1.24E-15	1	2987.421	5.01	Malpighian tubule	3L:-:36849800-36849726	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_25384	GEGPIVLVLAPTR	AGAP012045-PA	-	55	5.50E-06	2	1321.783	-0.48	Midgut	3L:-:36850944-36850906	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_26969	YTCVFGGALK	AGAP012045-PA	C3(Carbamidomethyl)	47	0.000224794	2	1115.556	0.9	Salivary gland	3L:-:36850839-36850810	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_32486	MQFQGTAQPHQGGFR	AGAP012045-PA	N-Term(Acetyl), M1(Oxidation)	50	0.000142481	2	1747.805	4.85	Malpighian tubule	3L:-:36851829-36851785	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_34518	GEGPIVLVLAPTR	AGAP012045-PA	-	57	3.13E-06	1	1321.787	2.47	Salivary gland	3L:-:36850944-36850906	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_35069	QGFPRPTAIQSQGWPIALSGR	AGAP012045-PA	-	64	3.72E-06	1	2267.205	0.44	Head	3L:-:36851103-36851041	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_36440	GEGPIVLVLAPTR	AGAP012045-PA	-	63	8.17E-07	1	1321.784	0.35	Ovary	3L:-:36850944-36850906	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_36534	QGFPRPTAIQSQGWPIALSGRDMVGIAQTGSGK	AGAP012045-PA	M23(Oxidation)	49	8.00E-05	1	3427.775	5.96	Malpighian tubule	3L:-:36851103-36851005	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_38944	MQFQGTAQPHQGGFR	AGAP012045-PA	N-Term(Acetyl), M1(Oxidation)	90	1.33E-08	1	1747.799	0.94	Salivary gland	3L:-:36851829-36851785	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_39351	NDFYVGQPGTKPPHFMNK	AGAP012045-PA	M16(Oxidation)	55	4.94E-05	1	2092.990	-0.32	Head	3L:-:36851766-36851713	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_39570	YVINFDYPNSSEDYIHR	AGAP012045-PA	-	51	0.000116709	1	2131.969	-1.37	Male reproductive organs	3L:-:36849776-36849726	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_43022	RPPFNGGGGFGGPPK	AGAP012045-PA	N5(Deamidated)	51	0.000106057	1	1442.718	-0.03	Salivary gland	3L:-:36849494-36849450	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_44997	GEGPIVLVLAPTR	AGAP012045-PA	-	63	7.96E-07	1	1321.784	-0.12	Male reproductive organs	3L:-:36850944-36850906	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_45097	AFGGQPGTMPK	AGAP012045-PA	M9(Oxidation)	36	0.004108946	1	1106.531	1.3	Malpighian tubule	3L:-:36851583-36851551	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_45868	ELAQQIQTVVR	AGAP012045-PA	-	87	1.67E-08	2	1284.728	0.87	Ovary	3L:-:36850905-36850873	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_48052	RPPFNGGGGFGGPPK	AGAP012045-PA	-	81	1.04E-07	1	1441.734	0.06	Head	3L:-:36849494-36849450	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_49288	ELLSVLEEAGQQPTVELVEMAK	AGAP012045-PA	M20(Oxidation)	122	7.64E-12	1	2429.254	2.27	Ovary	3L:-:36849647-36849582	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_49851	YVINFDYPNSSEDYIHR	AGAP012045-PA	-	62	8.99E-06	1	2131.980	3.54	Salivary gland	3L:-:36849776-36849726	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_50306	EVQTLAEDFLR	AGAP012045-PA	-	54	6.60E-05	1	1320.684	3.34	Salivary gland	3L:-:36850160-36850128	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_51142	EVQTLAEDFLR	AGAP012045-PA	-	61	1.38E-05	1	1320.681	1.31	Head	3L:-:36850160-36850128	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_51235	KIVEQIRPDR	AGAP012045-PA	-	39	0.000316913	1	1253.735	2	Pupa	3L:-:36850223-36850194	exon=> In CDS Exon 2 of transcript AGAP012045-PA

JHU_Ag_52075	IVEQIRPDR	AGAP012045-PA	-	33	0.002542385	1	1125.637	-0.47	Salivary gland	3L:-:36850220-36850194	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_53938	ELAQQIQTVVR	AGAP012045-PA	-	54	2.88E-05	2	1284.728	0.96	Head	3L:-:36850905-36850873	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_57624	GEGPIVLVLAPTR	AGAP012045-PA	-	64	5.07E-07	1	1321.792	5.89	Malpighian tubule	3L:-:36850944-36850906	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_57878	QGFPRPTAIQSQGWPIALSGR	AGAP012045-PA	-	74	2.72E-07	1	2267.215	4.56	Salivary gland	3L:-:36851103-36851041	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_65731	MYGPGGSKPYGDDKPFDTFGGPK	AGAP012045-PA	M1(Oxidation)	31	0.008298508	1	2434.107	1.95	Ovary	3L:-:36851529-36851461	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_68624	AAEEVQTFR	AGAP012045-PA	-	52	0.000101745	2	1050.521	-0.67	Salivary gland	3L:-:36851232-36851206	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_69336	DFYVPHPSVMGR	AGAP012045-PA	M10(Oxidation)	45	0.00040772	1	1420.672	2.6	Salivary gland	3L:-:36851268-36851233	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_69430	GEGPIVLVLAPTR	AGAP012045-PA	-	31	0.001409678	1	1321.786	1.27	Pupa	3L:-:36850944-36850906	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_71346	GSSGMGSYQR	AGAP012045-PA	M5(Oxidation)	55	7.70E-06	2	1045.436	-0.66	Salivary gland	3L:-:36849524-36849495	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_75841	YVINFDYPNSSEDYIHR	AGAP012045-PA	-	45	0.000485643	1	2131.978	2.84	Malpighian tubule	3L:-:36849776-36849726	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_79433	GEGPIVLVLAPTR	AGAP012045-PA	-	70	1.66E-07	1	1321.785	0.81	Head	3L:-:36850944-36850906	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_81558	EVQTLAEDFLR	AGAP012045-PA	-	45	0.000559807	2	1320.685	3.9	Ovary	3L:-:36850160-36850128	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_86273	STILVATDVAAR	AGAP012045-PA	-	60	7.91E-06	2	1216.693	2.69	Salivary gland	3L:-:36849836-36849801	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_86328	DFGNHSKPNIR	AGAP012045-PA	-	47	0.000254952	1	1284.645	0.23	Salivary gland	3L:-:36850872-36850840	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_91128	GLDVEDVKYVINFDYPNSSEDYIHR	AGAP012045-PA	-	134	5.48E-13	1	2987.406	0.04	Ovary	3L:-:36849800-36849726	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_94173	DFGNHSKPNIR	AGAP012045-PA	-	48	0.000191695	1	1284.644	-0.36	Head	3L:-:36850872-36850840	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_94534	ELAQQIQTVVR	AGAP012045-PA	-	87	1.56E-08	2	1284.727	-0.18	Salivary gland	3L:-:36850905-36850873	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_96404	YTCVFGGALKGPQVR	AGAP012045-PA	C3(Carbamidomethyl)	32	0.00699903	1	1652.864	3.6	Ovary	3L:-:36850839-36851829,36848679-36850377	exon=> In CDS Exon 2 and 1 of transcript AGAP012045-PA
JHU_Ag_98067	DGYGATSIHGDK	AGAP012045-PA	-	55	3.18E-05	2	1220.556	1.5	Head	3L:-:36849920-36849885	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_99160	MQFQGTAQPHQGGFR	AGAP012045-PA	N-Term(Acetyl), M1(Oxidation)	98	2.01E-09	1	1747.805	4.64	Male reproductive organs	3L:-:36851829-36851785	exon=> In CDS Exon 1 of transcript AGAP012045-PA
JHU_Ag_102042	EVQTLAEDFLR	AGAP012045-PA	-	52	0.000120747	2	1320.679	-0.45	Midgut	3L:-:36850160-36850128	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_105570	YVINFDYPNSSEDYIHR	AGAP012045-PA	-	54	6.31E-05	1	2131.977	2.51	Ovary	3L:-:36849776-36849726	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_108409	RPPFNGGGGFGGPPK	AGAP012045-PA	-	43	0.000636171	1	1441.733	-0.45	Malpighian tubule	3L:-:36849494-36849450	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_110108	KVDDLLK	AGAP012045-PA	-	42	0.000841902	2	830.495	-3.78	Head	3L:-:36849953-36849933	exon=> In CDS Exon 2 of transcript AGAP012045-PA
JHU_Ag_113138	ELAQQIQTVVR	AGAP012045-PA	-	87	1.51E-08	2	1284.728	0.96	Male reproductive organs	3L:-:36850905-36850873	exon=> In CDS Exon 1 of transcript AGAP012045-PA

JHU_Ag_45586	MLDMGFEPQIR	AGAP012045-PA,AGAP005351-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB,AGAP003047-PA,AGAP003663-PB,AGAP003663-PA,AGAP004351-PA	M1(Oxidation), M4(Oxidation)	72	1.00E-06	2	1336.638	-0.95	Midgut	3L:-:36850256-36850224;2L:-:14449703-14449671;2L:+:18295293-18295325;2L:+:5827276-5827308;2L:+:5827276-5827308;2R:-:31428300-31428268;2R:+:41331544-41331576;2R:+:41331544-41331576;2R:+:54944750-54944782	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005351-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB;exon=> In CDS Exon 3 of transcript AGAP003047-PA;exon=> In CDS Exon 2 of transcript AGAP003663-PB;exon=> In CDS Exon 2 of transcript AGAP003663-PA;exon=> In CDS Exon 2 of transcript AGAP004351-PA
JHU_Ag_1355	DMVGIAQTGSGK	AGAP012045-PA,AGAP005652-PA	M2(Oxidation)	72	9.10E-07	2	1179.565	-1.81	Salivary gland	3L:-:36851040-36851005;2L:+:18294933-18294968	exon=> In CDS Exon 1 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA
JHU_Ag_78042	GLDVEDVK	AGAP012045-PA,AGAP005652-PA	-	49	0.000265064	2	874.453	1.21	Salivary gland	3L:-:36849800-36849777;2L:+:18295746-18295752,18299822-18299838	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP005652-PA
JHU_Ag_3290	RCTYLVLDEADR	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	C2(Carbamidomethyl)	38	0.002327383	2	1510.732	0.21	Head	3L:-:36850292-36850257;2L:+:18295257-18295292;2L:+:5827240-5827275;2L:+:5827240-5827275	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_7755	LIDFLER	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	-	44	0.000369857	2	905.510	1.35	Salivary gland	3L:-:36850331-36850311;2L:+:18295218-18295238;2L:+:5827201-5827221;2L:+:5827201-5827221	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_17944	QVLMWSATWPK	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	M4(Oxidation)	48	0.000312659	2	1362.693	4.13	Salivary gland	3L:-:36850193-36850161;2L:+:18295356-18295388;2L:+:5827339-5827371;2L:+:5827339-5827371	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_57204	LIDFLER	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	-	44	0.000480471	2	905.507	-2.02	Head	3L:-:36850331-36850311;2L:+:18295218-18295238;2L:+:5827201-5827221;2L:+:5827201-5827221	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB

JHU_Ag_67170	CTYLVLDEADR	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	C1(Carbamidomethyl)	46	0.000358799	2	1354.634	2.06	Salivary gland	3L:-:36850289-36850257;2L:+:18295260-18295292;2L:+:5827243-5827275;2L:+:5827243-5827275	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_77384	LIDFLER	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	-	52	6.60E-05	2	905.509	0.27	Male reproductive organs	3L:-:36850331-36850311;2L:+:18295218-18295238;2L:+:5827201-5827221;2L:+:5827201-5827221	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_79765	LIDFLER	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	-	36	0.002386294	2	905.512	3.44	Malpighian tubule	3L:-:36850331-36850311;2L:+:18295218-18295238;2L:+:5827201-5827221;2L:+:5827201-5827221	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_90025	LIDFLER	AGAP012045-PA,AGAP005652-PA,AGAP004912-PA,AGAP004912-PB	-	47	0.000187597	2	905.510	0.67	Pupa	3L:-:36850331-36850311;2L:+:18295218-18295238;2L:+:5827201-5827221;2L:+:5827201-5827221	exon=> In CDS Exon 2 of transcript AGAP012045-PA;exon=> In CDS Exon 2 of transcript AGAP005652-PA;exon=> In CDS Exon 1 of transcript AGAP004912-PA;exon=> In CDS Exon 2 of transcript AGAP004912-PB
JHU_Ag_161	LPVIAATIYR	AGAP012048-PA	-	62	1.71E-06	2	1116.678	0.16	Visceras	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_558	MLGYEDEKFTELMR	AGAP012048-PA	M1(Oxidation), M13(Oxidation),M1(Oxidation),M13(Oxidation)	125	3.49E-12	1	1761.817	-1.07	Midgut	3L:+:36868347-36868388	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_1950	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	74	5.38E-07	1	1594.768	6.55	Salivary gland	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_2121	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	99	1.18E-09	1	1826.972	-4.33	Midgut	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_2138	VKNPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	161	6.65E-16	1	2498.324	1.95	Visceras	3L:+:36868800-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_2169	YWEYVYEDSMDLIAK	AGAP012048-PA	M10(Oxidation)	50	9.29E-05	1	1940.860	-0.99	Malpighian tubule	3L:+:36868200-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_2306	LPVIAATIYR	AGAP012048-PA	-	73	1.30E-07	2	1116.679	1.36	Pupa	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_2351	YWEYVYEDSMDLIAK	AGAP012048-PA	M10(Oxidation)	89	1.18E-08	1	1940.865	1.4	Midgut	3L:+:36868200-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_2668	HLPNDPLFGLVSNIYK	AGAP012048-PA	N13(Deamidated)	103	4.29E-10	1	1826.981	0.5	Pupa	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_3612	AALPSHVVTMLNNMPTSLHPMSQLSCAVTALNHESK	AGAP012048-PA	M10(Oxidation), M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl)	52	6.39E-05	1	3934.919	6.95	Salivary gland	3L:+:36868053-36868160	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_4535	ALGVLASLVWDR	AGAP012048-PA	-	98	1.27E-09	1	1299.747	3.64	Salivary gland	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_4756	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	154	5.32E-15	1	2271.156	0.26	Ovary	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_4758	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl)	74	4.71E-07	1	1468.785	1.57	Pupa	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_5390	MLGYEDEKFTELMR	AGAP012048-PA	M1(Oxidation), M13(Oxidation)	59	1.62E-05	1	1761.820	0.89	Salivary gland	3L:+:36868347-36868388	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_5599	SGQVVPGYGHAVLRK	AGAP012048-PA	-	50	5.12E-05	2	1567.874	2.18	Ovary	3L:+:36868632-36868676	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_6717	SKYWEYVYEDSMDLIAK	AGAP012048-PA	M12(Oxidation)	106	3.80E-10	1	2139.998	1.81	Visceras	3L:+:36868194-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_7213	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	86	3.96E-08	2	1578.768	3.78	Pupa	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_7480	ALGLPIERPK	AGAP012048-PA	-	67	2.06E-07	1	1093.674	0.58	Salivary gland	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_7972	ALGLPIERPK	AGAP012048-PA	-	49	1.35E-05	1	1093.672	-0.53	Visceras	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_8230	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl), Q8(Deamidated),"C7(Carbamidomethyl), Q9(Deamidated)",C7(Carbamidomethyl)	87	2.50E-08	1	1468.786	2.15	Head	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_9107	VGEVTVDMMYGGMR	AGAP012048-PA	M8(Oxidation),M9(Oxidation),"M8(Oxidation), M9(Oxidation), M13(Oxidation)",M13(Oxidation)	79	1.07E-07	1	1544.692	0.97	Visceras	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_9129	KDWSANFTK	AGAP012048-PA	-	61	1.02E-05	1	1096.541	-0.89	Midgut	3L:+:36868320-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_9536	ELGDNASEDKVK	AGAP012048-PA	-	106	4.81E-10	1	1304.634	0.98	Malpighian tubule	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_9756	GIGAIDPK	AGAP012048-PA	-	51	3.30E-05	2	770.444	3.71	Male reproductive organs	3L:+:36868296-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_9759	GIGAIDPK	AGAP012048-PA	-	51	3.59E-05	2	770.441	0.07	Head	3L:+:36868296-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_10936	VKNPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	119	1.12E-11	1	2498.322	1.21	Head	3L:+:36868800-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_11938	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	113	4.27E-11	1	1826.985	2.95	Malpighian tubule	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_12680	SKYWEYVYEDSMDLIAK	AGAP012048-PA	M12(Oxidation)	118	2.35E-11	1	2139.988	-2.82	Midgut	3L:+:36868194-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_13084	LPVIAATIYR	AGAP012048-PA	-	69	4.00E-07	1	1116.672	-4.65	Midgut	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_13638	VKNPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	85	2.60E-08	1	2498.319	0.04	Midgut	3L:+:36868800-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_14196	SGQVVPGYGHAVLR	AGAP012048-PA	-	98	1.39E-09	1	1439.774	-0.84	Visceras	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_14316	APGGQEPLPEGLFWLLITGDVPSK	AGAP012048-PA	-	68	1.09E-06	2	2521.338	1.72	Visceras	3L:+:36867335-36867341,36867949-36868013	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_15309	VVPPILTELGK	AGAP012048-PA	-	45	4.22E-05	1	1165.722	2.8	Head	3L:+:36868767-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_15526	APGGQEPLPEGLFWLLITGDVPSK	AGAP012048-PA	-	73	3.39E-07	1	2521.345	4.43	Malpighian tubule	3L:+:36867335-36867341,36867949-36868013	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_15707	LPVIAATIYR	AGAP012048-PA	-	74	9.73E-08	2	1116.679	1.47	Head	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_15775	AQVDALSR	AGAP012048-PA	-	47	0.000445319	2	859.465	1.48	Midgut	3L:+:36868014-36868037	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_15810	ALGVLASLVWDR	AGAP012048-PA	-	102	5.81E-10	1	1299.744	1.76	Visceras	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_17362	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	79	1.13E-07	1	1826.981	0.4	Salivary gland	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_18691	VGEVTVDMMYGGMR	AGAP012048-PA	M8(Oxidation), M9(Oxidation), M13(Oxidation)	72	3.78E-07	1	1592.680	2.71	Larva	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_19127	VVPPILTELGKVK	AGAP012048-PA	-	23	0.001371265	1	1392.885	2.1	Malpighian tubule	3L:+:36868767-36868805	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_19165	DWSANFTK	AGAP012048-PA	-	45	0.00029717	1	968.450	2.59	Salivary gland	3L:+:36868323-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_20140	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	93	7.35E-09	1	1578.764	1.15	Visceras	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_20971	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl)	68	1.85E-06	2	1468.789	3.82	Visceras	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_21878	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl)	42	0.000713002	2	1468.783	0.33	Male reproductive organs	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_22516	VVPPILTELGK	AGAP012048-PA	-	43	5.65E-05	1	1165.722	2.38	Malpighian tubule	3L:+:36868767-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_23410	GIGAIDPK	AGAP012048-PA	-	51	3.58E-05	2	770.441	0.15	Midgut	3L:+:36868296-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_23508	SKYWEYVYEDSMDLIAK	AGAP012048-PA	-	57	3.38E-05	1	2139.998	1.89	Ovary	3L:+:36868194-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_24241	SKYWEYVYEDSMDLIAK	AGAP012048-PA	-	56	4.10E-05	1	2140.000	2.75	Malpighian tubule	3L:+:36868194-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_24312	LPVIAATIYR	AGAP012048-PA	-	63	1.32E-06	2	1116.678	0.71	Ovary	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_24360	VGEVTVDMMYGGMR	AGAP012048-PA	M13(Oxidation),M9(Oxidation),"M9(Oxidation), M13(Oxidation)","M8(Oxidation), M9(Oxidation)",M8(Oxidation),"M8(Oxidation), M13(Oxidation)","M8(Oxidation), M9(Oxidation), M13(Oxidation)"	95	3.11E-09	1	1544.695	2.48	Malpighian tubule	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_25535	VKEFIWK	AGAP012048-PA	-	49	8.80E-05	1	949.551	0.23	Pupa	3L:+:36868602-36868622	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_26587	NASDSTDLKAVLTEK	AGAP012048-PA	-	37	0.002962991	2	1591.817	0	Visceras	3L:+:36864185-36864229	exon=> In CDS Exon 2 of transcript AGAP012048-PA
JHU_Ag_26716	VVPPILTELGK	AGAP012048-PA	-	42	5.48E-05	1	1165.724	3.84	Larva	3L:+:36868767-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_26755	SGQVVPGYGHAVLR	AGAP012048-PA	-	93	4.03E-09	1	1439.776	0.6	Ovary	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_27271	GLVCETSVLDPDEGIRFR	AGAP012048-PA	C4(Carbamidomethyl)	99	1.75E-09	1	2063.029	3.02	Malpighian tubule	3L:+:36867242-36867295	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_27333	DGKGIGAIDPK	AGAP012048-PA	-	36	0.002135494	3	1070.584	0.02	Pupa	3L:+:36868287-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_27579	LPVIAATIYR	AGAP012048-PA	-	65	8.62E-07	1	1116.679	1.69	Malpighian tubule	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_28753	AALPSHVVTMLNNMPTSLHPMSQLSCAVTALNHESK	AGAP012048-PA	M10(Oxidation), M21(Oxidation), C26(Carbamidomethyl),"M10(Oxidation), M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl)","M10(Oxidation), N13(Deamidated), M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl)","M10(Oxidation), M14(Oxidation), C26(Carbamidomethyl)"	147	1.89E-14	1	3934.903	2.91	Head	3L:+:36868053-36868160	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_28871	VGEVTVDMMYGGMR	AGAP012048-PA	M8(Oxidation), M9(Oxidation), M13(Oxidation)	61	3.73E-06	1	1592.677	0.79	Male reproductive organs	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_28951	ELGDNASEDKVK	AGAP012048-PA	-	51	0.000122607	1	1304.635	1.45	Head	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_28985	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	83	8.56E-08	2	1578.768	3.55	Ovary	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_29545	VKNPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	77	1.72E-07	1	2498.323	1.41	Ovary	3L:+:36868800-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_30498	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	140	1.28E-13	1	2271.164	3.73	Pupa	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_30823	MLGYEDEK	AGAP012048-PA	M1(Oxidation)	39	0.000467808	2	1000.428	-0.84	Head	3L:+:36868347-36868370	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_31161	YTCQREFALK	AGAP012048-PA	C3(Carbamidomethyl)	42	0.000812102	1	1315.647	0.48	Malpighian tubule	3L:+:36868689-36868718	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_31215	GLVCETSVLDPDEGIRFR	AGAP012048-PA	C4(Carbamidomethyl)	93	7.15E-09	1	2063.030	3.56	Ovary	3L:+:36867242-36867295	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_31237	AALPSHVVTMLNNMPTSLHPMSQLSCAVTALNHESK	AGAP012048-PA	M10(Oxidation), M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl),"M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl)",C26(Carbamidomethyl),"M21(Oxidation), C26(Carbamidomethyl)","M10(Oxidation), M14(Oxidation), C26(Carbamidomethyl)"	177	2.03E-17	1	3886.889	-4.68	Visceras	3L:+:36868053-36868160	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_31528	MLGYEDEKFTELMR	AGAP012048-PA	M1(Oxidation), M13(Oxidation),M1(Oxidation)	123	7.10E-12	1	1761.821	1.28	Malpighian tubule	3L:+:36868347-36868388	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_32140	DWSANFTK	AGAP012048-PA	-	54	3.64E-05	1	968.447	0.13	Head	3L:+:36868323-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_32568	AQVDALSREWANR	AGAP012048-PA	-	91	1.27E-08	1	1515.767	0.68	Malpighian tubule	3L:+:36868014-36868052	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_32994	ALGLPIERPK	AGAP012048-PA	-	62	7.03E-07	1	1093.674	0.92	Malpighian tubule	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_33465	YWEYVYEDSMDLIAK	AGAP012048-PA	M10(Oxidation)	113	5.28E-11	1	1940.865	1.59	Head	3L:+:36868200-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_33681	AQVDALSR	AGAP012048-PA	-	53	0.000115966	1	859.462	-1.29	Pupa	3L:+:36868014-36868037	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_34544	LPVIAATIYR	AGAP012048-PA	-	58	3.89E-06	2	1116.679	1.58	Salivary gland	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_34697	AALPSHVVTMLNNMPTSLHPMSQLSCAVTALNHESKFAK	AGAP012048-PA	C26(Carbamidomethyl)	100	7.66E-10	1	4233.128	4.85	Malpighian tubule	3L:+:36868053-36868169	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_35103	ALGLPIERPK	AGAP012048-PA	-	49	1.33E-05	1	1093.672	-0.53	Male reproductive organs	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_35773	ELGDNASEDKVK	AGAP012048-PA	-	105	5.00E-10	1	1304.633	0.42	Visceras	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_37277	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	122	1.03E-11	1	1759.856	1.81	Malpighian tubule	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_37334	GIGAIDPK	AGAP012048-PA	-	36	0.001033844	2	770.440	-0.41	Pupa	3L:+:36868296-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_38455	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl)	69	1.61E-06	2	1468.785	1.41	Salivary gland	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_40336	SKYWEYVYEDSMDLIAK	AGAP012048-PA	M12(Oxidation)	111	1.14E-10	1	2140.001	3.09	Head	3L:+:36868194-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_42547	SGQVVPGYGHAVLR	AGAP012048-PA	-	74	3.39E-07	1	1439.775	-0.08	Male reproductive organs	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_43469	VKNPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	102	5.64E-10	1	2498.325	2.48	Salivary gland	3L:+:36868800-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_44539	AALPSHVVTMLNNMPTSLHPMSQLSCAVTALNHESK	AGAP012048-PA	M10(Oxidation), M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl),C26(Carbamidomethyl),"M10(Oxidation), M14(Oxidation), C26(Carbamidomethyl)"	173	5.35E-17	1	3886.891	-4.24	Midgut	3L:+:36868053-36868160	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_46247	ALGVLASLVWDR	AGAP012048-PA	-	102	6.80E-10	1	1299.745	2.14	Pupa	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_47070	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl)	76	3.02E-07	1	1468.785	1.32	Malpighian tubule	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_47285	APGGQEPLPEGLFWLLITGDVPSK	AGAP012048-PA	-	104	2.35E-10	1	2521.340	2.5	Head	3L:+:36867335-36867341,36867949-36868013	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_48374	ALGLPIERPK	AGAP012048-PA	-	57	1.79E-06	1	1093.675	2.03	Ovary	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_48443	VVPPILTELGK	AGAP012048-PA	-	53	5.78E-06	1	1165.721	1.33	Pupa	3L:+:36868767-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_48914	GIGAIDPK	AGAP012048-PA	-	44	0.000156479	2	770.441	0.07	Visceras	3L:+:36868296-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_49382	ALGVLASLVWDR	AGAP012048-PA	-	92	5.19E-09	1	1299.742	-0.12	Midgut	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_50504	ELGDNASEDKVK	AGAP012048-PA	-	95	5.71E-09	1	1304.632	-0.42	Ovary	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_51223	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	81	1.16E-07	2	1759.853	0.08	Male reproductive organs	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_53942	VKEFIWK	AGAP012048-PA	-	36	0.001846452	1	949.550	-0.35	Head	3L:+:36868602-36868622	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_53990	AQVDALSR	AGAP012048-PA	-	48	0.000363442	2	859.463	0.27	Visceras	3L:+:36868014-36868037	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_54133	VGEVTVDMMYGGMR	AGAP012048-PA	M9(Oxidation), M13(Oxidation),M8(Oxidation),M9(Oxidation),"M8(Oxidation), M9(Oxidation), M13(Oxidation)",M13(Oxidation)	104	4.06E-10	1	1544.694	2.16	Pupa	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_54224	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	67	1.94E-06	1	1826.989	4.71	Larva	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_56397	AQVDALSR	AGAP012048-PA	-	45	0.000516731	2	859.468	5.39	Salivary gland	3L:+:36868014-36868037	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_56629	VGEVTVDMMYGGMR	AGAP012048-PA	M8(Oxidation), M9(Oxidation), M13(Oxidation)	71	3.95E-07	1	1592.676	0.48	Salivary gland	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_56757	VKNPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	62	5.56E-06	1	2498.329	3.83	Malpighian tubule	3L:+:36868800-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_57181	MLGYEDEKFTELMR	AGAP012048-PA	M1(Oxidation), M13(Oxidation)	74	4.52E-07	1	1793.811	1.38	Ovary	3L:+:36868347-36868388	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_57712	ALGVLASLVWDR	AGAP012048-PA	-	91	6.30E-09	1	1299.746	3.36	Ovary	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_57834	KDWSANFTK	AGAP012048-PA	-	50	0.000146938	2	1096.541	-0.73	Male reproductive organs	3L:+:36868320-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_58474	KDWSANFTK	AGAP012048-PA	-	76	3.48E-07	1	1096.542	-0.11	Head	3L:+:36868320-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_58679	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl)	65	4.11E-06	2	1468.781	-1.25	Midgut	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_58910	ALGVLASLVWDR	AGAP012048-PA	-	98	1.37E-09	1	1299.747	4.11	Malpighian tubule	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_59901	LPVIAATIYR	AGAP012048-PA	-	67	5.70E-07	2	1116.678	0.05	Male reproductive organs	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_60095	GIGAIDPK	AGAP012048-PA	-	51	3.12E-05	2	770.443	2.36	Salivary gland	3L:+:36868296-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_60354	APGGQEPLPEGLFWLLITGDVPSK	AGAP012048-PA	-	93	2.93E-09	1	2521.340	2.4	Pupa	3L:+:36867335-36867341,36867949-36868013	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_62184	EFALKHLPNDPLFGLVSNIYK	AGAP012048-PA	-	100	4.56E-10	1	2415.315	3.43	Malpighian tubule	3L:+:36868704-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_62486	VVPPILTELGK	AGAP012048-PA	-	25	0.003735878	1	1165.725	4.79	Ovary	3L:+:36868767-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_62655	LPVIAATIYR	AGAP012048-PA	-	55	7.76E-06	2	1116.681	3	Larva	3L:+:36868245-36868274	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_63437	VVPPILTELGK	AGAP012048-PA	-	48	2.09E-05	1	1165.719	-0.51	Male reproductive organs	3L:+:36868767-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_63555	ALGLPIERPK	AGAP012048-PA	-	67	2.05E-07	1	1093.673	0.36	Pupa	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_63822	MLGYEDEKFTELMR	AGAP012048-PA	M1(Oxidation), M13(Oxidation)	56	2.82E-05	1	1793.815	3.52	Larva	3L:+:36868347-36868388	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_64215	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	77	2.27E-07	1	2271.168	5.34	Larva	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_64386	DWSANFTK	AGAP012048-PA	-	45	0.000279901	1	968.449	1.9	Malpighian tubule	3L:+:36868323-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_65521	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	129	1.85E-12	1	1759.851	-1.1	Salivary gland	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_66207	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	145	4.30E-14	1	2271.159	1.23	Visceras	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_66222	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	134	6.13E-13	1	1759.855	1.05	Pupa	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_66337	SGQVVPGYGHAVLR	AGAP012048-PA	-	94	3.36E-09	1	1439.774	-0.84	Salivary gland	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_66889	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	95	5.44E-09	2	1578.764	1.46	Head	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_67882	ELGDNASEDKVK	AGAP012048-PA	-	59	2.45E-05	1	1304.634	1.08	Salivary gland	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_68642	KDWSANFTK	AGAP012048-PA	N6(Deamidated)	68	2.13E-06	1	1096.541	-0.73	Pupa	3L:+:36868320-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_68690	KDWSANFTK	AGAP012048-PA	-	45	0.000392765	1	1096.542	-0.4	Visceras	3L:+:36868320-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_69165	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	112	1.08E-10	1	1759.857	2.23	Ovary	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_69235	MLGYEDEKFTELMR	AGAP012048-PA	M1(Oxidation), M13(Oxidation),M1(Oxidation),M13(Oxidation)	118	1.90E-11	1	1761.820	0.94	Visceras	3L:+:36868347-36868388	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_69472	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	81	1.24E-07	1	1594.758	0.35	Malpighian tubule	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_69808	SGQVVPGYGHAVLR	AGAP012048-PA	Q3(Deamidated)	108	1.20E-10	1	1439.778	1.95	Head	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_70831	SKYWEYVYEDSMDLIAK	AGAP012048-PA	M12(Oxidation)	92	8.87E-09	1	2139.999	2.15	Pupa	3L:+:36868194-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_71137	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	118	2.06E-11	1	2271.170	6.39	Salivary gland	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_71181	AQVDALSR	AGAP012048-PA	-	53	0.000110011	1	859.463	-0.72	Malpighian tubule	3L:+:36868014-36868037	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_71549	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	152	9.13E-15	1	2271.159	1.39	Head	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_72366	VGEVTVDMMYGGMR	AGAP012048-PA	M13(Oxidation),M9(Oxidation),"M9(Oxidation), M13(Oxidation)","M8(Oxidation), M9(Oxidation)",M8(Oxidation),"M8(Oxidation), M13(Oxidation)","M8(Oxidation), M9(Oxidation), M13(Oxidation)"	98	1.23E-09	1	1560.689	2.03	Head	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_72563	ELGDNASEDK	AGAP012048-PA	-	58	1.10E-05	2	1077.471	1.02	Head	3L:+:36868572-36868601	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_73711	AQVDALSR	AGAP012048-PA	-	57	4.77E-05	1	859.463	-0.01	Head	3L:+:36868014-36868037	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_74140	ELGDNASEDKVK	AGAP012048-PA	-	63	8.23E-06	2	1304.638	3.88	Larva	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_74703	ALGVLASLVWDR	AGAP012048-PA	-	98	1.71E-09	1	1299.745	2.14	Head	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_74747	AVLTEKIPK	AGAP012048-PA	-	67	3.69E-07	1	998.626	1.51	Ovary	3L:+:36864212-36864238	exon=> In CDS Exon 2 of transcript AGAP012048-PA
JHU_Ag_75021	GIGAIDPK	AGAP012048-PA	-	36	0.001042392	1	770.443	2.52	Malpighian tubule	3L:+:36868296-36868319	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_75531	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	132	8.13E-13	1	2271.162	2.76	Malpighian tubule	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_76975	APGGQEPLPEGLFWLLITGDVPSK	AGAP012048-PA	-	34	0.002240928	1	2521.355	8.23	Salivary gland	3L:+:36867335-36867341,36867949-36868013	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_77036	ALGVLASLVWDR	AGAP012048-PA	-	91	5.54E-09	2	1299.747	3.64	Larva	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_78472	NPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	113	6.39E-11	1	2271.157	0.66	Midgut	3L:+:36868806-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_79300	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	89	1.83E-08	2	1594.757	-0.26	Midgut	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_80532	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	95	3.11E-09	1	1826.986	3.41	Ovary	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_81196	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	77	1.82E-07	1	1826.983	1.91	Male reproductive organs	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_81489	DWSANFTK	AGAP012048-PA	-	58	1.53E-05	1	968.449	1.39	Pupa	3L:+:36868323-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_82093	KDWSANFTK	AGAP012048-PA	-	58	2.06E-05	1	1096.541	-0.73	Malpighian tubule	3L:+:36868320-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_82148	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	90	1.53E-08	1	1759.860	3.89	Midgut	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_83003	APGGQEPLPEGLFWLLITGDVPSK	AGAP012048-PA	Q5(Deamidated)	89	8.90E-09	2	2521.333	-0.21	Midgut	3L:+:36867335-36867341,36867949-36868013	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_83061	KDWSANFTK	AGAP012048-PA	-	52	7.96E-05	1	1096.541	-1.51	Salivary gland	3L:+:36868320-36868346	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_83247	AVLTEKIPK	AGAP012048-PA	-	67	6.14E-07	1	998.625	0.23	Pupa	3L:+:36864212-36864238	exon=> In CDS Exon 2 of transcript AGAP012048-PA
JHU_Ag_83877	ALGLPIERPK	AGAP012048-PA	-	49	1.33E-05	1	1093.672	-0.53	Midgut	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_85584	APGGQEPLPEGLFWLLITGDVPSKAQVDALSR	AGAP012048-PA	-	166	7.92E-17	1	3361.793	3.96	Malpighian tubule	3L:+:36867335-36867341,36867949-36868037	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_85618	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	102	5.23E-10	1	1826.983	1.61	Visceras	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_86037	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	130	1.62E-12	1	1759.857	2.16	Head	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_88220	ALGLPIERPK	AGAP012048-PA	-	62	6.87E-07	1	1093.673	-0.31	Head	3L:+:36868941-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_89546	ELGDNASEDK	AGAP012048-PA	-	46	0.000170561	2	1077.469	-0.23	Salivary gland	3L:+:36868572-36868601	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_92906	ELGDNASEDKVK	AGAP012048-PA	-	71	1.45E-06	2	1304.632	-0.8	Midgut	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_93547	HLPNDPLFGLVSNIYK	AGAP012048-PA	-	102	5.92E-10	1	1826.986	3.22	Head	3L:+:36868719-36868766	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_93795	ELGDNASEDK	AGAP012048-PA	-	40	0.000669507	2	1077.469	-0.34	Visceras	3L:+:36868572-36868601	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_98682	SGQVVPGYGHAVLR	AGAP012048-PA	Q3(Deamidated)	102	5.33E-10	1	1439.776	0.68	Pupa	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_99273	HLPNDPLFGLVSNIYKVVPPILTELGK	AGAP012048-PA	-	42	4.71E-05	1	2973.692	3.69	Malpighian tubule	3L:+:36868719-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_100768	GLVCETSVLDPDEGIR	AGAP012048-PA	C4(Carbamidomethyl)	125	4.31E-12	1	1759.855	0.84	Visceras	3L:+:36867242-36867289	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_104070	SGQVVPGYGHAVLR	AGAP012048-PA	-	93	3.77E-09	1	1439.776	0.6	Midgut	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_104506	GLVCETSVLDPDEGIRFR	AGAP012048-PA	C4(Carbamidomethyl)	53	8.30E-05	1	2063.023	0.18	Pupa	3L:+:36867242-36867295	exon=> In CDS Exon 3 of transcript AGAP012048-PA

JHU_Ag_105055	GLSIPECQQVLPK	AGAP012048-PA	C7(Carbamidomethyl)	69	1.41E-06	1	1468.788	3.23	Ovary	3L:+:36867296-36867334	exon=> In CDS Exon 3 of transcript AGAP012048-PA
JHU_Ag_105117	AALPSHVVTMLNNMPTSLHPMSQLSCAVTALNHESK	AGAP012048-PA	M10(Oxidation), M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl)	38	0.001806926	1	3934.908	4.03	Ovary	3L:+:36868053-36868160	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_105554	ALGVLASLVWDR	AGAP012048-PA	-	81	7.12E-08	1	1299.743	0.63	Male reproductive organs	3L:+:36868905-36868940	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_105704	MLGYEDEKFTELMR	AGAP012048-PA	M13(Oxidation)	71	9.36E-07	2	1777.815	0.56	Pupa	3L:+:36868347-36868388	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_106554	APGGQEPLPEGLFWLLITGDVPSK	AGAP012048-PA	-	68	1.17E-06	1	2521.336	0.68	Ovary	3L:+:36867335-36867341,36867949-36868013	exon=> In CDS Exon 3 and 4 of transcript AGAP012048-PA
JHU_Ag_106846	SGQVVPGYGHAVLR	AGAP012048-PA	-	109	9.22E-11	1	1439.777	1.19	Malpighian tubule	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_108694	SGQVVPGYGHAVLR	AGAP012048-PA	-	86	1.66E-08	1	1439.779	2.71	Larva	3L:+:36868632-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_108767	SGQVVPGYGHAVLRK	AGAP012048-PA	-	36	0.001453429	1	1567.872	0.93	Pupa	3L:+:36868632-36868676	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_109991	VVPPILTELGK	AGAP012048-PA	-	44	5.03E-05	1	1165.720	0.39	Midgut	3L:+:36868767-36868799	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_110457	YWEYVYEDSMDLIAK	AGAP012048-PA	M10(Oxidation)	61	7.30E-06	2	1940.868	2.79	Pupa	3L:+:36868200-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_110483	VKNPWPNVDAHSGVLLQYYGLK	AGAP012048-PA	-	125	2.81E-12	1	2498.326	2.66	Pupa	3L:+:36868800-36868865	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_111306	VGEVTVDMMYGGMR	AGAP012048-PA	M9(Oxidation), M13(Oxidation),"M8(Oxidation), M9(Oxidation)","M8(Oxidation), M13(Oxidation)","M8(Oxidation), M9(Oxidation), M13(Oxidation)"	88	1.08E-08	1	1576.683	1.83	Midgut	3L:+:36864287-36864310,36867215-36867232	exon=> In CDS Exon 2 and 3 of transcript AGAP012048-PA
JHU_Ag_113263	AVLTEKIPK	AGAP012048-PA	-	67	6.57E-07	1	998.625	0.11	Malpighian tubule	3L:+:36864212-36864238	exon=> In CDS Exon 2 of transcript AGAP012048-PA
JHU_Ag_114025	AALPSHVVTMLNNMPTSLHPMSQLSCAVTALNHESK	AGAP012048-PA	C26(Carbamidomethyl)," M10(Oxidation), M14(Oxidation), M21(Oxidation), C26(Carbamidomethyl)"," M10(Oxidation), M14(Oxidation), C26(Carbamidomethyl)"	138	1.88E-13	1	3886.920	3.3	Malpighian tubule	3L:+:36868053-36868160	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_114238	ALGVLASLVWDRALGLPIERPK	AGAP012048-PA	-	103	3.02E-11	1	2374.408	4.48	Malpighian tubule	3L:+:36868905-36868970	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_114341	TLKSGQVVPGYGHAVLR	AGAP012048-PA	-	52	2.35E-05	1	1782.004	1.14	Malpighian tubule	3L:+:36868623-36868673	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_114357	ELGDNASEDKVK	AGAP012048-PA	-	105	5.75E-10	1	1304.633	0.14	Pupa	3L:+:36868572-36868607	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_115596	EMNYYTVLFGVSR	AGAP012048-PA	M2(Oxidation)	70	1.60E-06	2	1594.762	3.18	Larva	3L:+:36868866-36868904	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_115840	SMSTDGLMK	AGAP012048-PA	M2(Oxidation), M8(Oxidation)	39	0.000289428	1	1001.426	-1.49	Head	3L:+:36868971-36868997	exon=> In CDS Exon 4 of transcript AGAP012048-PA

JHU_Ag_115972	SGQVVPGYGHAVLRK	AGAP012048-PA	-	73	2.75E-07	1	1567.871	0.32	Malpighian tubule	3L:+:36868632-36868676	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_116787	YWEYVYEDSMDLIAK	AGAP012048-PA	M10(Oxidation)	109	1.06E-10	1	1940.866	1.91	Visceras	3L:+:36868200-36868244	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_117766	SMSTDGLMK	AGAP012048-PA	M2(Oxidation), M8(Oxidation),M8(Oxidation)	41	0.000213783	1	1001.428	0.03	Malpighian tubule	3L:+:36868971-36868997	exon=> In CDS Exon 4 of transcript AGAP012048-PA
JHU_Ag_11858	VCNALALLQCVASHPETR	AGAP012050-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	69	1.88E-06	1	2039.021	2.32	Ovary	3L:+:36873824-36873877	exon=> In CDS Exon 1 of transcript AGAP012050-PA
JHU_Ag_32204	DGTFTACLQEDK	AGAP012050-PA	C7(Carbamidomethyl)	52	5.51E-05	2	1384.607	1.44	Ovary	3L:+:36874546-36874581	exon=> In CDS Exon 4 of transcript AGAP012050-PA
JHU_Ag_90284	LTSLGVIGALVK	AGAP012050-PA	-	63	2.23E-07	2	1170.748	1.63	Male reproductive organs	3L:+:36873965-36874000	exon=> In CDS Exon 1 of transcript AGAP012050-PA
JHU_Ag_108015	LTSLGVIGALVK	AGAP012050-PA	-	90	4.71E-10	1	1170.748	1.94	Ovary	3L:+:36873965-36874000	exon=> In CDS Exon 1 of transcript AGAP012050-PA
JHU_Ag_1113	YFTPTNLSPLWVGCYDR	AGAP012053-PA	C14(Carbamidomethyl)	93	8.34E-09	1	2088.994	4.48	Larva	3L:-:36941188-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_1658	MTSDVALNPDLYSIIHVDHPVIVPGGR	AGAP012053-PA	M1(Oxidation)	115	2.79E-11	1	2915.518	3.32	Visceras	3L:-:36942072-36942417,36940871-36941921	exon=> In CDS Exon 2 and 1 of transcript AGAP012053-PA
JHU_Ag_5147	GMLENFLSIIQR	AGAP012053-PA	M2(Oxidation)	84	4.35E-08	2	1436.757	-0.03	Salivary gland	3L:-:36941842-36941807	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_6682	FAMDSVETLER	AGAP012053-PA	M3(Oxidation)	71	1.18E-06	1	1297.610	0.81	Salivary gland	3L:-:36941698-36941666	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_7588	EFQFFMNNYVTEVNNHQLATYGYK	AGAP012053-PA	M6(Oxidation)	69	1.42E-06	1	2973.356	1.62	Head	3L:-:36941665-36941594	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_12686	EEDKQDYYCELK	AGAP012053-PA	C9(Carbamidomethyl)	61	4.63E-06	1	1619.687	-1.54	Midgut	3L:-:36941530-36941495	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_14419	ELAFSWAQR	AGAP012053-PA	-	52	9.44E-05	2	1107.562	3.24	Larva	3L:-:36940951-36940925	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_17110	GMLENFLSIIQR	AGAP012053-PA	M2(Oxidation)	86	3.00E-08	2	1436.759	1.84	Ovary	3L:-:36941842-36941807	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_17702	GMLENFLSIIQR	AGAP012053-PA	M2(Oxidation)	100	9.59E-10	2	1436.764	5.07	Larva	3L:-:36941842-36941807	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_17849	EFQFFMNNYVTEVNNHQLATYGYK	AGAP012053-PA	M6(Oxidation)	80	1.40E-07	1	2957.359	1.04	Visceras	3L:-:36941665-36941594	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_18088	ELAFSWAQR	AGAP012053-PA	-	62	9.66E-06	2	1107.558	-0.06	Midgut	3L:-:36940951-36940925	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_18097	EDVLSAAIFQR	AGAP012053-PA	-	77	2.86E-07	1	1248.663	3.74	Larva	3L:-:36941563-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_20058	AAAESGMDFSSR	AGAP012053-PA	M7(Oxidation)	61	3.31E-06	2	1228.526	-0.15	Salivary gland	3L:-:36941494-36941459	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_22752	YFTPTNLSPLWVGCYDR	AGAP012053-PA	C14(Carbamidomethyl)	78	2.67E-07	1	2089.000	7.17	Salivary gland	3L:-:36941188-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_24900	YDAQELGGHGSGGEYEVQTGFGWTNGAAMDLMNK	AGAP012053-PA	N25(Deamidated), M29(Oxidation), M32(Oxidation)	103	1.77E-10	1	3623.547	4.03	Larva	3L:-:36940790-36940689	exon=> In CDS Exon 3 of transcript AGAP012053-PA
JHU_Ag_25724	KYFTPTNLSPLWVGCYDR	AGAP012053-PA	C15(Carbamidomethyl)	105	5.80E-10	1	2217.092	5.65	Larva	3L:-:36941191-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_25808	EFQFFMNNYVTEVNNHQLATYGYK	AGAP012053-PA	M6(Oxidation)	109	1.44E-10	1	2957.353	-1.06	Midgut	3L:-:36941665-36941594	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_28023	AAAESGMDFSSR	AGAP012053-PA	M7(Oxidation)	81	2.85E-08	1	1244.520	-1.06	Midgut	3L:-:36941494-36941459	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_29770	MTSDVALNPDLYSIIHVDHPVIVPGGR	AGAP012053-PA	M1(Oxidation)	166	2.21E-16	1	2931.503	-0.12	Midgut	3L:-:36942072-36942417,36940871-36941921	exon=> In CDS Exon 2 and 1 of transcript AGAP012053-PA

JHU_Ag_32255	TVQMSEIYPDSK	AGAP012053-PA	M4(Oxidation)	65	3.82E-06	1	1397.663	0.81	Salivary gland	3L:-:36942375-36942340	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_32410	SSGPRPESYREDVLSAAIFQR	AGAP012053-PA	-	44	0.000540451	1	2365.195	2.27	Malpighian tubule	3L:-:36941593-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_32524	FAMDSVETLER	AGAP012053-PA	M3(Oxidation)	82	7.64E-08	2	1313.608	2.9	Larva	3L:-:36941698-36941666	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_32888	ILAYIDR	AGAP012053-PA	-	42	0.000469343	1	863.498	-0.19	Salivary gland	3L:-:36941113-36941093	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_33319	EDVLSAAIFQR	AGAP012053-PA	-	59	1.90E-05	2	1248.660	1.59	Visceras	3L:-:36941563-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_34032	EFQFFMNNYVTEVNNHQLATYGYK	AGAP012053-PA	M6(Oxidation)	114	4.56E-11	1	2957.350	-2.11	Salivary gland	3L:-:36941665-36941594	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_36932	MTSDVALNPDLYSIIHVDHPVIVPGGR	AGAP012053-PA	M1(Oxidation)	166	2.11E-16	1	2931.515	3.87	Head	3L:-:36942072-36942417,36940871-36941921	exon=> In CDS Exon 2 and 1 of transcript AGAP012053-PA
JHU_Ag_38756	KMTSDVALNPDLYSIIHVDHPVIVPGGR	AGAP012053-PA	M2(Oxidation)	97	1.17E-09	1	3059.610	3.87	Malpighian tubule	3L:-:36942075-36942417,36940871-36941921	exon=> In CDS Exon 2 and 1 of transcript AGAP012053-PA
JHU_Ag_39829	GFASELNKIWHSLGR	AGAP012053-PA	-	66	3.43E-06	1	1714.910	4.27	Malpighian tubule	3L:-:36942120-36942076	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_40240	AINAVLWDEAEGAWFDYDLINKK	AGAP012053-PA	-	65	5.00E-06	1	2681.325	0.26	Midgut	3L:-:36941266-36941198	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_42647	TVQMSEIYPDSK	AGAP012053-PA	M4(Oxidation)	64	4.93E-06	2	1413.658	0.68	Malpighian tubule	3L:-:36942375-36942340	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_43014	RILAYIDR	AGAP012053-PA	-	38	0.000919161	1	1019.600	-0.14	Salivary gland	3L:-:36941116-36941093	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_43355	GLLLSEMYSTTK	AGAP012053-PA	-	69	1.52E-06	1	1342.695	1.8	Malpighian tubule	3L:-:36941878-36941843	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_44017	YGFIPNGGR	AGAP012053-PA	-	40	0.001176494	2	980.499	3.84	Malpighian tubule	3L:-:36941806-36941780	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_44381	EFYYWDSYWIVK	AGAP012053-PA	-	37	0.002846872	1	1698.788	2.2	Salivary gland	3L:-:36941914-36941879	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_44566	GLLLSEMYSTTK	AGAP012053-PA	M7(Oxidation)	69	1.49E-06	1	1342.696	2.44	Salivary gland	3L:-:36941878-36941843	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_46220	GLLLSEMYSTTK	AGAP012053-PA	M7(Oxidation)	74	5.04E-07	1	1358.691	2.92	Larva	3L:-:36941878-36941843	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_48699	GFASELNK	AGAP012053-PA	-	46	0.00035347	1	865.445	4.23	Larva	3L:-:36942120-36942097	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_50191	SSGPRPESYREDVLSAAIFQR	AGAP012053-PA	-	59	1.88E-05	1	2365.189	-0.38	Midgut	3L:-:36941593-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_51768	YGFIPNGGR	AGAP012053-PA	-	42	0.000996249	2	980.496	1.1	Visceras	3L:-:36941806-36941780	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_51864	YGFIPNGGR	AGAP012053-PA	N6(Deamidated)	52	8.14E-05	2	981.478	-0.53	Midgut	3L:-:36941806-36941780	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_54633	KYFTPTNLSPLWVGCYDR	AGAP012053-PA	C15(Carbamidomethyl)	64	8.34E-06	1	2217.078	-0.74	Midgut	3L:-:36941191-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_55910	ILAYIDR	AGAP012053-PA	-	43	0.000347688	1	863.500	1.93	Malpighian tubule	3L:-:36941113-36941093	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_56828	SQPPLLCGMVK	AGAP012053-PA	C7(Carbamidomethyl), M9(Oxidation)	38	0.002769803	2	1245.632	-0.65	Midgut	3L:-:36941761-36941729	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_56962	ILAYIDR	AGAP012053-PA	-	35	0.002567383	1	863.498	-0.67	Midgut	3L:-:36941113-36941093	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_59114	YFTPTNLSPLWVGCYDR	AGAP012053-PA	C14(Carbamidomethyl),"N6(Deamidated), C14(Carbamidomethyl)"	44	0.000722794	2	2088.987	0.85	Head	3L:-:36941188-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA

JHU_Ag_64679	SSGPRPESYREDVLSAAIFQR	AGAP012053-PA	-	115	4.68E-11	1	2365.191	0.55	Salivary gland	3L:-:36941593-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_64719	GMLENFLSIIQR	AGAP012053-PA	M2(Oxidation)	76	2.36E-07	2	1436.760	2.01	Visceras	3L:-:36941842-36941807	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_67763	AAAESGMDFSSR	AGAP012053-PA	-	54	1.85E-05	2	1228.526	-0.25	Pupa	3L:-:36941494-36941459	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_68891	EEDKQDYYCELK	AGAP012053-PA	C9(Carbamidomethyl)	63	3.55E-06	1	1619.696	4.27	Larva	3L:-:36941530-36941495	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_69101	EEDKQDYYCELK	AGAP012053-PA	C9(Carbamidomethyl)	61	5.02E-06	1	1619.692	1.48	Salivary gland	3L:-:36941530-36941495	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_69960	ELAFSWAQR	AGAP012053-PA	-	52	8.13E-05	2	1107.560	1.81	Ovary	3L:-:36940951-36940925	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_70058	YFTPTNLSPLWVGCYDR	AGAP012053-PA	C14(Carbamidomethyl)	83	8.87E-08	1	2088.990	2.37	Visceras	3L:-:36941188-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_74738	TVQMSEIYPDSK	AGAP012053-PA	M4(Oxidation)	67	2.57E-06	2	1397.658	-2.42	Midgut	3L:-:36942375-36942340	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_80449	FAMDSVETLER	AGAP012053-PA	-	73	6.41E-07	2	1297.609	0.05	Midgut	3L:-:36941698-36941666	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_80766	SSGPRPESYREDVLSAAIFQR	AGAP012053-PA	-	59	1.79E-05	1	2365.196	2.87	Head	3L:-:36941593-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_81735	GFASELNK	AGAP012053-PA	-	42	0.001086247	2	865.442	0.43	Midgut	3L:-:36942120-36942097	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_83140	SSGPRPESYREDVLSAAIFQR	AGAP012053-PA	-	78	1.97E-07	1	2365.202	5.35	Larva	3L:-:36941593-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_83225	NDIGSIAK	AGAP012053-PA	-	37	0.003529828	1	817.446	4.95	Larva	3L:-:36941329-36941306	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_84069	GMLENFLSIIQR	AGAP012053-PA	M2(Oxidation)	81	8.24E-08	1	1436.763	4.39	Malpighian tubule	3L:-:36941842-36941807	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_84691	SPNETLDSFHEFMVAQDNSPSK	AGAP012053-PA	M13(Oxidation)	74	3.14E-07	1	2496.099	0.15	Head	3L:-:36942312-36942247	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_85176	EEDKQDYYCELK	AGAP012053-PA	C9(Carbamidomethyl)	48	8.46E-05	1	1619.688	-0.63	Ovary	3L:-:36941530-36941495	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_86357	ILAYIDR	AGAP012053-PA	-	38	0.001198094	1	863.499	1.01	Larva	3L:-:36941113-36941093	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_86666	GMLENFLSIIQR	AGAP012053-PA	M2(Oxidation)	96	2.88E-09	1	1436.756	-0.2	Midgut	3L:-:36941842-36941807	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_88424	KYFTPTNLSPLWVGCYDR	AGAP012053-PA	C15(Carbamidomethyl)	52	0.000104953	1	2217.079	-0.25	Salivary gland	3L:-:36941191-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_88523	EFQFFMNNYVTEVNNHQLATYGYK	AGAP012053-PA	-	49	0.000172798	1	2957.364	2.47	Malpighian tubule	3L:-:36941665-36941594	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_88560	EDVLSAAIFQR	AGAP012053-PA	-	48	0.000240917	2	1248.657	-1.25	Pupa	3L:-:36941563-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_88811	AAAESGMDFSSR	AGAP012053-PA	M7(Oxidation)	88	8.05E-09	2	1244.527	4.33	Larva	3L:-:36941494-36941459	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_92759	KYFTPTNLSPLWVGCYDR	AGAP012053-PA	C15(Carbamidomethyl)	42	0.001059411	1	2217.087	3.39	Visceras	3L:-:36941191-36941138	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_94823	ELAFSWAQR	AGAP012053-PA	-	49	0.000198996	2	1107.559	0.6	Visceras	3L:-:36940951-36940925	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_97299	EDVLSAAIFQR	AGAP012053-PA	-	93	6.95E-09	2	1248.658	-0.46	Head	3L:-:36941563-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_99335	EDVLSAAIFQR	AGAP012053-PA	-	71	1.24E-06	2	1248.660	1	Midgut	3L:-:36941563-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_100542	MTSDVALNPDLYSIIHVDHPVIVPGGR	AGAP012053-PA	M1(Oxidation)	139	9.22E-14	1	2915.520	3.99	Malpighian tubule	3L:-:36942072-36942417,36940871-36941921	exon=> In CDS Exon 2 and 1 of transcript AGAP012053-PA

JHU_Ag_101818	ELAFSWAQR	AGAP012053-PA	-	71	1.01E-06	2	1107.560	1.37	Salivary gland	3L:-:36940951-36940925	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_102652	GLLLSEMYSTTK	AGAP012053-PA	M7(Oxidation)	85	3.84E-08	2	1342.692	-0.2	Midgut	3L:-:36941878-36941843	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_106262	ILAYIDR	AGAP012053-PA	-	43	0.000390383	1	863.499	-0.05	Visceras	3L:-:36941113-36941093	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_106753	EDVLSAAIFQR	AGAP012053-PA	-	72	9.48E-07	1	1248.662	3.25	Salivary gland	3L:-:36941563-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_106797	SSGPRPESYREDVLSAAIFQR	AGAP012053-PA	-	86	3.36E-08	1	2365.197	3.25	Visceras	3L:-:36941593-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_109415	LKEWVELNFEKPGAEFENWTPDDWTASPK	AGAP012053-PA	-	71	1.03E-06	1	3463.647	-0.32	Midgut	3L:-:36942240-36942154	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_109586	ELAFSWAQR	AGAP012053-PA	-	47	0.000258494	2	1107.560	1.7	Malpighian tubule	3L:-:36940951-36940925	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_110515	GFASELNKIWHSLGR	AGAP012053-PA	-	37	0.002511366	1	1714.906	1.92	Ovary	3L:-:36942120-36942076	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_112855	FAMDSVETLER	AGAP012053-PA	-	47	0.000271727	2	1297.608	-1.07	Head	3L:-:36941698-36941666	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_112930	KMTSDVALNPDLYSIIHVDHPVIVPGGR	AGAP012053-PA	M2(Oxidation)	178	8.58E-18	1	3059.608	3.3	Larva	3L:-:36942075-36942417,36940871-36941921	exon=> In CDS Exon 2 and 1 of transcript AGAP012053-PA
JHU_Ag_113201	SSGPRPESYREDVLSAAIFQR	AGAP012053-PA	-	71	1.04E-06	1	2365.200	4.26	Ovary	3L:-:36941593-36941531	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_114897	EFQFFMNNYVTEVNNHQLATYGYK	AGAP012053-PA	M6(Oxidation)	107	2.72E-10	1	2973.359	2.61	Larva	3L:-:36941665-36941594	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_116228	TVQMSEIYPDSK	AGAP012053-PA	M4(Oxidation)	91	1.16E-08	1	1413.663	4.4	Larva	3L:-:36942375-36942340	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_116985	ELAFSWAQR	AGAP012053-PA	-	49	0.000171387	2	1107.558	-0.61	Pupa	3L:-:36940951-36940925	exon=> In CDS Exon 2 of transcript AGAP012053-PA
JHU_Ag_117438	TVQMSEIYPDSK	AGAP012053-PA	-	40	0.001324046	2	1397.669	5.09	Head	3L:-:36942375-36942340	exon=> In CDS Exon 1 of transcript AGAP012053-PA
JHU_Ag_117661	MTSDVALNPDLYSIIHVDHPVIVPGGR	AGAP012053-PA	M1(Oxidation)	155	2.86E-15	1	2931.519	5.21	Larva	3L:-:36942072-36942417,36940871-36941921	exon=> In CDS Exon 2 and 1 of transcript AGAP012053-PA
JHU_Ag_37443	CVQHLNNIPIGNDGK	AGAP012054-PA	C1(Carbamidomethyl)	34	0.00682509	2	1678.839	3.43	Head	3L:-:36976474-36976430	exon=> In CDS Exon 3 of transcript AGAP012054-PA
JHU_Ag_40206	SSSGLVEFPSVALAVQAIMK	AGAP012054-PA	M19(Oxidation)	43	0.000476893	2	2050.100	5.55	Head	3L:-:36975999-36975940	exon=> In CDS Exon 5 of transcript AGAP012054-PA
JHU_Ag_52196	ILHFFNTPPGLTDEQLIAAFGSNDCHPSQVR	AGAP012054-PA	C25(Carbamidomethyl)	90	1.39E-08	1	3481.706	2.82	Ovary	3L:-:36976116-36976024	exon=> In CDS Exon 5 of transcript AGAP012054-PA
JHU_Ag_75245	ILHFFNTPPGLTDEQLIAAFGSNDCHPSQVR	AGAP012054-PA	C25(Carbamidomethyl)	89	1.43E-08	1	3481.716	5.83	Malpighian tubule	3L:-:36976116-36976024	exon=> In CDS Exon 5 of transcript AGAP012054-PA
JHU_Ag_85041	QNFLSEVTNPYTLPDHTPSFK	AGAP012054-PA	-	90	1.42E-08	1	2435.199	4.39	Head	3L:-:36976335-36976273	exon=> In CDS Exon 4 of transcript AGAP012054-PA
JHU_Ag_2956	YGLFDFEYMHQCQGTSESSKK	AGAP012056-PA	M9(Oxidation), C12(Carbamidomethyl)	79	6.86E-08	1	2558.099	1.15	Ovary	3L:-:37152728-37152666	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_3714	TTYEEIKK	AGAP012056-PA	-	40	0.000990202	1	1011.535	-0.28	Midgut	3L:-:37152993-37152970	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_3989	ASGVTVSDVCK	AGAP012056-PA	N-Term(Acetyl), C10(Carbamidomethyl)	83	6.87E-08	1	1164.557	0.17	Midgut	3L:-:37153026-37152994	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_4242	QIDVEVIGDR	AGAP012056-PA	-	47	0.000278029	2	1143.595	-5.11	Salivary gland	3L:-:37152924-37152895	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_6125	YGLFDFEYMHQCQGTSESSKK	AGAP012056-PA	M9(Oxidation), C12(Carbamidomethyl)	89	6.84E-09	1	2558.100	1.3	Male reproductive organs	3L:-:37152728-37152666	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_9857	MLYSSSFDALK	AGAP012056-PA	M1(Oxidation)	43	0.000852758	2	1277.608	-0.15	Male reproductive organs	3L:-:37152502-37152470	exon=> In CDS Exon 4 of transcript AGAP012056-PA

JHU_Ag_11617	YVIFYIR	AGAP012056-PA	-	49	0.000151482	1	973.550	-0.37	Ovary	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_11854	YGLFDFEYMHQCQGTSESSK	AGAP012056-PA	M9(Oxidation), C12(Carbamidomethyl)	87	5.43E-09	1	2430.001	0.03	Male reproductive organs	3L:-:37152728-37152669	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_12268	NAEYDSFLEDIQK	AGAP012056-PA	N1(Deamidated)	106	2.59E-10	1	1571.724	1.17	Midgut	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_14667	YIQATDLSEASR	AGAP012056-PA	-	103	7.68E-10	1	1353.667	2.03	Malpighian tubule	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_15405	MLYSSSFDALKK	AGAP012056-PA	M1(Oxidation)	61	1.44E-05	2	1405.704	0.22	Male reproductive organs	3L:-:37152502-37152467	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_16765	LFLMSWCPDTAK	AGAP012056-PA	C7(Carbamidomethyl)	74	4.75E-07	1	1468.697	0.62	Male reproductive organs	3L:-:37152659-37152624	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_18672	NAEYDSFLEDIQK	AGAP012056-PA	Q12(Deamidated)	117	2.17E-11	1	1571.725	1.71	Head	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_19170	TTYEEIKK	AGAP012056-PA	-	33	0.004223058	1	1011.537	1.53	Malpighian tubule	3L:-:37152993-37152970	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_19305	MLYSSSFDALK	AGAP012056-PA	M1(Oxidation)	73	9.13E-07	1	1261.615	1.14	Head	3L:-:37152502-37152470	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_21465	NAEYDSFLEDIQK	AGAP012056-PA	-	109	1.48E-10	1	1571.728	3.42	Visceras	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_21931	YIQATDLSEASR	AGAP012056-PA	-	99	2.05E-09	1	1353.666	1.13	Ovary	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_22770	YGLFDFEYMHQCQGTSESSKK	AGAP012056-PA	C12(Carbamidomethyl)," M9(Oxidation), C12(Carbamidomethyl)"	43	0.000347729	1	2558.111	5.88	Malpighian tubule	3L:-:37152728-37152666	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_23295	NAEYDSFLEDIQK	AGAP012056-PA	Q12(Deamidated),N1(Deamidated)	126	2.84E-12	1	1571.725	1.56	Ovary	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_24216	YGLFDFEYMHQCQGTSESSK	AGAP012056-PA	C12(Carbamidomethyl)," M9(Oxidation), C12(Carbamidomethyl)"	102	1.64E-10	1	2430.002	0.33	Head	3L:-:37152728-37152669	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_26658	YVIFYIR	AGAP012056-PA	-	49	0.000148377	1	973.551	0.13	Head	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_26662	YGLFDFEYMHQCQGTSESSKK	AGAP012056-PA	C12(Carbamidomethyl)	48	0.000156466	1	2542.106	1.94	Visceras	3L:-:37152728-37152666	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_27933	YVIFYIRDEK	AGAP012056-PA	-	63	9.15E-06	1	1345.715	-0.25	Midgut	3L:-:37152954-37152925	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_29812	YVIFYIR	AGAP012056-PA	-	38	0.002310791	2	973.556	5.46	Larva	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_33947	QIDVEVIGDR	AGAP012056-PA	-	58	1.95E-05	1	1143.600	-0.34	Midgut	3L:-:37152924-37152895	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_37331	MLYSSSFDALKK	AGAP012056-PA	M1(Oxidation)	78	2.34E-07	1	1405.709	4.12	Malpighian tubule	3L:-:37152502-37152467	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_37647	YIQATDLSEASR	AGAP012056-PA	-	90	1.48E-08	1	1353.664	-0.58	Pupa	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_41511	YVIFYIR	AGAP012056-PA	-	45	0.00034241	2	973.551	0.76	Visceras	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_44200	MLYSSSFDALKK	AGAP012056-PA	M1(Oxidation)	72	1.09E-06	2	1389.708	-0.54	Midgut	3L:-:37152502-37152467	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_44592	LFLMSWCPDTAK	AGAP012056-PA	M4(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	62	7.70E-06	1	1484.698	4.7	Visceras	3L:-:37152659-37152624	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_47157	LFLMSWCPDTAK	AGAP012056-PA	M4(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	69	1.46E-06	2	1468.703	4.37	Malpighian tubule	3L:-:37152659-37152624	exon=> In CDS Exon 3 of transcript AGAP012056-PA

JHU_Ag_47534	YVIFYIRDEK	AGAP012056-PA	-	62	9.72E-06	1	1345.715	-0.43	Male reproductive organs	3L:-:37152954-37152925	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_50671	EAVEEK	AGAP012056-PA	-	40	0.000913633	1	704.346	-0.72	Midgut	3L:-:37152409-37152392	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_51346	YGLFDFEYMHQCQGTSESSK	AGAP012056-PA	M9(Oxidation), C12(Carbamidomethyl)	135	9.27E-14	1	2430.006	1.92	Ovary	3L:-:37152728-37152669	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_53471	SLVGVQK	AGAP012056-PA	-	43	0.000744253	1	730.444	-1.92	Midgut	3L:-:37152466-37152446	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_54036	ASGVTVSDVCK	AGAP012056-PA	N-Term(Acetyl), C10(Carbamidomethyl)	82	1.04E-07	1	1164.556	-0.78	Head	3L:-:37153026-37152994	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_55067	MLYSSSFDALKK	AGAP012056-PA	M1(Oxidation)	75	5.42E-07	1	1405.706	1.69	Ovary	3L:-:37152502-37152467	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_58359	YIQATDLSEASR	AGAP012056-PA	-	89	2.02E-08	1	1353.670	3.84	Larva	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_63374	NAEYDSFLEDIQK	AGAP012056-PA	-	97	1.98E-09	1	1571.730	4.51	Larva	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_63678	YGLFDFEYMHQCQGTSESSKK	AGAP012056-PA	C12(Carbamidomethyl),"M9(Oxidation), C12(Carbamidomethyl)"	95	3.03E-09	1	2542.097	-1.61	Midgut	3L:-:37152728-37152666	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_63826	SLVGVQK	AGAP012056-PA	-	46	0.000333321	1	730.447	1.42	Malpighian tubule	3L:-:37152466-37152446	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_65481	ASGVTVSDVCK	AGAP012056-PA	N-Term(Acetyl), C10(Carbamidomethyl)	82	8.69E-08	1	1164.557	0.58	Male reproductive organs	3L:-:37153026-37152994	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_66049	LFLMSWCPDTAK	AGAP012056-PA	C7(Carbamidomethyl)	62	7.41E-06	1	1468.693	-2.53	Salivary gland	3L:-:37152659-37152624	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_67675	YIQATDLSEASR	AGAP012056-PA	-	76	4.35E-07	2	1353.663	-0.85	Male reproductive organs	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_68075	MLYSSSFDALKK	AGAP012056-PA	M1(Oxidation)	60	1.69E-05	2	1405.708	3.17	Larva	3L:-:37152502-37152467	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_68076	YIQATDLSEASR	AGAP012056-PA	-	84	5.36E-08	2	1353.668	2.66	Visceras	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_70673	TTYEEIKK	AGAP012056-PA	-	38	0.001389963	1	1011.534	-1.43	Ovary	3L:-:37152993-37152970	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_71265	SLVGVQK	AGAP012056-PA	-	48	0.000242505	2	730.445	-0.6	Head	3L:-:37152466-37152446	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_71327	YGLFDFEYMHQCQGTSESSKK	AGAP012056-PA	M9(Oxidation), C12(Carbamidomethyl)	88	8.83E-09	1	2558.095	-0.42	Head	3L:-:37152728-37152666	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_72771	MLYSSSFDALK	AGAP012056-PA	M1(Oxidation)	68	2.61E-06	1	1277.610	1.29	Ovary	3L:-:37152502-37152470	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_74571	TTYEEIKK	AGAP012056-PA	-	47	0.000140239	1	1011.538	2.37	Visceras	3L:-:37152993-37152970	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_76671	NAEYDSFLEDIQK	AGAP012056-PA	-	114	4.93E-11	1	1571.729	4.04	Malpighian tubule	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_77993	NAEYDSFLEDIQK	AGAP012056-PA	-	117	2.08E-11	1	1571.724	0.78	Male reproductive organs	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_78704	NAEYDSFLEDIQK	AGAP012056-PA	-	96	2.66E-09	1	1571.723	0.55	Salivary gland	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_78790	YIQATDLSEASR	AGAP012056-PA	-	108	2.36E-10	1	1353.663	-0.85	Head	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_78840	YVIFYIR	AGAP012056-PA	-	45	0.000429892	2	973.550	-0.37	Male reproductive organs	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_80155	LFLMSWCPDTAK	AGAP012056-PA	M4(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	82	7.08E-08	1	1468.696	-0.04	Midgut	3L:-:37152659-37152624	exon=> In CDS Exon 3 of transcript AGAP012056-PA

JHU_Ag_80746	LFLMSWCPDTAKVK	AGAP012056-PA	C7(Carbamidomethyl)	48	0.000207766	1	1695.864	2.73	Malpighian tubule	3L:-:37152659-37152729,37152368-37152509	exon=> In CDS Exon 4 and 3 of transcript AGAP012056-PA
JHU_Ag_80980	QIDVEVIGDR	AGAP012056-PA	-	64	5.41E-06	2	1143.601	0.44	Malpighian tubule	3L:-:37152924-37152895	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_81097	MLYSSSFDALKK	AGAP012056-PA	-	51	0.000132885	1	1389.708	0.07	Head	3L:-:37152502-37152467	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_83690	YVIFYIR	AGAP012056-PA	-	36	0.00291063	2	973.551	0	Midgut	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_86770	ASGVTVSDVCK	AGAP012056-PA	N-Term(Acetyl), C10(Carbamidomethyl)	61	1.16E-05	2	1164.557	0.52	Salivary gland	3L:-:37153026-37152994	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_87421	NAEYDSFLEDIQK	AGAP012056-PA	-	114	4.23E-11	1	1571.728	3.27	Pupa	3L:-:37152894-37152856	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_87994	EAVEEKLR	AGAP012056-PA	-	55	6.24E-05	1	973.532	0.46	Malpighian tubule	3L:-:37152409-37152386	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_88431	SLVGVQK	AGAP012056-PA	-	41	0.00112425	1	730.448	3.01	Larva	3L:-:37152466-37152446	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_89869	MLYSSSFDALK	AGAP012056-PA	M1(Oxidation)	60	1.52E-05	1	1261.611	-1.7	Midgut	3L:-:37152502-37152470	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_91220	SLVGVQK	AGAP012056-PA	-	41	0.001106275	1	730.448	3.17	Visceras	3L:-:37152466-37152446	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_92374	LFLMSWCPDTAK	AGAP012056-PA	M4(Oxidation), C7(Carbamidomethyl)	79	1.28E-07	1	1484.692	0.59	Ovary	3L:-:37152659-37152624	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_94415	YIQATDLSEASREAVEEK	AGAP012056-PA	-	86	4.28E-08	1	2039.001	3.89	Malpighian tubule	3L:-:37152445-37152392	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_95292	YGLFDFEYMHQCQGTSESSK	AGAP012056-PA	C12(Carbamidomethyl)," M9(Oxidation), C12(Carbamidomethyl)"	83	2.32E-08	1	2414.013	2.58	Malpighian tubule	3L:-:37152728-37152669	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_95630	MLYSSSFDALKK	AGAP012056-PA	M1(Oxidation)	47	0.000358753	2	1405.704	0.48	Visceras	3L:-:37152502-37152467	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_97159	YIQATDLSEASR	AGAP012056-PA	-	90	1.57E-08	2	1353.661	-2.39	Midgut	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_102645	ASGVTVSDVCK	AGAP012056-PA	N-Term(Acetyl), C10(Carbamidomethyl)	73	7.51E-07	1	1164.561	3.52	Malpighian tubule	3L:-:37153026-37152994	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_104483	ASGVTVSDVCK	AGAP012056-PA	N-Term(Acetyl), C10(Carbamidomethyl)	98	2.08E-09	1	1164.557	0.21	Ovary	3L:-:37153026-37152994	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_107149	YGLFDFEYMHQCQGTSESSK	AGAP012056-PA	C12(Carbamidomethyl)," M9(Oxidation), C12(Carbamidomethyl)"	96	6.80E-10	1	2429.999	-1.17	Midgut	3L:-:37152728-37152669	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_107673	SLVGVQK	AGAP012056-PA	-	47	0.000298346	1	730.445	-0.67	Male reproductive organs	3L:-:37152466-37152446	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_107978	QIDVEVIGDR	AGAP012056-PA	-	34	0.005054369	2	1143.600	-0.09	Head	3L:-:37152924-37152895	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_108116	GGPGECR	AGAP012056-PA	C6(Carbamidomethyl)	28	0.003373142	2	732.309	-0.11	Midgut	3L:-:37152855-37153026,37152624-37152729	exon=> In CDS Exon 3 and 2 of transcript AGAP012056-PA
JHU_Ag_110587	LFLMSWCPDTAK	AGAP012056-PA	C7(Carbamidomethyl)	64	5.21E-06	2	1468.700	2.62	Head	3L:-:37152659-37152624	exon=> In CDS Exon 3 of transcript AGAP012056-PA
JHU_Ag_111939	YVIFYIR	AGAP012056-PA	-	49	0.000201503	1	973.554	3.14	Malpighian tubule	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_114127	YVIFYIRDEK	AGAP012056-PA	-	39	0.001862636	1	1345.717	1.11	Salivary gland	3L:-:37152954-37152925	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_114372	SLVGVQKYIQATDLSEASR	AGAP012056-PA	-	122	6.45E-12	1	2065.095	0.99	Malpighian tubule	3L:-:37152466-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA

JHU_Ag_114993	YVIFYIR	AGAP012056-PA	-	40	0.001307817	2	973.552	1.26	Pupa	3L:-:37152954-37152934	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_115330	YIQATDLSEASR	AGAP012056-PA	-	103	7.73E-10	1	1353.665	0.41	Salivary gland	3L:-:37152445-37152410	exon=> In CDS Exon 4 of transcript AGAP012056-PA
JHU_Ag_116429	ASGVTVSDVCK	AGAP012056-PA	N-Term(Acetyl), C10(Carbamidomethyl)	94	5.72E-09	1	1164.558	0.94	Visceras	3L:-:37153026-37152994	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_117170	QIDVEVIGDR	AGAP012056-PA	Q1(Deamidated)	69	1.67E-06	2	1143.602	1.62	Ovary	3L:-:37152924-37152895	exon=> In CDS Exon 2 of transcript AGAP012056-PA
JHU_Ag_100032	ELNSQIQEIEER	AGAP012057-PA	-	50	0.000140779	2	1487.735	0.82	Ovary	3L:-:37174205-37174170	exon=> In CDS Exon 5 of transcript AGAP012057-PA
JHU_Ag_111289	RGPNVPATAAGNTALAGAGGGGGVK	AGAP012057-PA	-	120	1.07E-11	1	2121.115	-0.7	Head	3L:-:37176373-37176299	exon=> In CDS Exon 2 of transcript AGAP012057-PA
JHU_Ag_35166	IVEELGNQFR	AGAP012058-PA	-	51	0.000129745	2	1204.633	0.41	Male reproductive organs	3L:+:37181043-37181072	exon=> In CDS Exon 3 of transcript AGAP012058-PA
JHU_Ag_45574	HNFIWQTESHSPLIEYK	AGAP012059-PA	-	44	0.000568383	3	2129.048	1.27	Head	3L:-:37185621-37185571	exon=> In CDS Exon 5 of transcript AGAP012059-PA
JHU_Ag_5194	STFHSGQTR	AGAP012064-PA	-	40	0.001415311	1	1020.483	-2.63	Head	3L:-:37215612-37215694,37214654-37214762	exon=> In CDS Exon 15 and 14 of transcript AGAP012064-PA
JHU_Ag_12658	NIAGNEGAAAGNSQVQSPTHR	AGAP012064-PA	-	75	5.33E-07	1	2078.998	0.7	Head	3L:-:37223369-37223307	exon=> In CDS Exon 9 of transcript AGAP012064-PA
JHU_Ag_13498	LAAQNQRPASSITKPITSVDNSSISSPAK	AGAP012064-PA	-	46	0.000131571	1	2968.583	4.29	Malpighian tubule	3L:-:37222261-37222325,37221925-37222080	exon=> In CDS Exon 13 and 12 of transcript AGAP012064-PA
JHU_Ag_84821	NSTVYAGTGGNVGDSPHSGK	AGAP012064-PA	-	109	1.64E-10	2	1904.876	1.26	Head	3L:-:37214755-37214696	exon=> In CDS Exon 15 of transcript AGAP012064-PA
JHU_Ag_89031	RQNTIDSATIK	AGAP012064-PA	-	34	0.006342518	2	1246.670	-3.97	Head	3L:-:37222309-37222277	exon=> In CDS Exon 12 of transcript AGAP012064-PA
JHU_Ag_103869	LFQVIETEK	AGAP012064-PA	-	40	0.001105014	2	1106.609	-0.4	Midgut	3L:-:37229143-37229117	exon=> In CDS Exon 5 of transcript AGAP012064-PA
JHU_Ag_87900	IIHRDLK	AGAP012064-PA,AGAP006461-PA	-	31	0.002470695	1	894.554	2.24	Male reproductive organs	3L:-:37228975-37229185,37228579-37228851;2L:+:32461421-32461441	exon=> In CDS Exon 6 and 5 of transcript AGAP012064-PA;exon=> In CDS Exon 2 of transcript AGAP006461-PA
JHU_Ag_20754	IADGQDTIGYEQYR	AGAP012066-PA	-	88	1.86E-08	2	1628.756	0.55	Salivary gland	3L:+:37336120-37336161	exon=> In CDS Exon 3 of transcript AGAP012066-PA
JHU_Ag_24599	DVYQWESVFR	AGAP012066-PA	-	61	9.72E-06	2	1328.629	1.73	Salivary gland	3L:+:37336174-37336203	exon=> In CDS Exon 3 of transcript AGAP012066-PA
JHU_Ag_1448	DIAGGDNSPPAAANGER	AGAP012067-PA	N14(Deamidated)	82	6.96E-08	2	1612.724	2.44	Head	3L:-:37337511-37337461	exon=> In CDS Exon 3 of transcript AGAP012067-PA
JHU_Ag_406	SSFDVQDFYQIR	AGAP012068-PA	-	98	2.10E-09	2	1504.715	5.42	Malpighian tubule	3L:-:37353331-37353296	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_2094	LGFEEFQQLLTDIAK	AGAP012068-PA	-	105	3.78E-10	2	1751.918	-2.06	Midgut	3L:-:37347402-37347358	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_4829	DLAQKPLK	AGAP012068-PA	-	32	0.002533867	1	912.549	-2.43	Malpighian tubule	3L:-:37352077-37352054	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_5001	IQLVDIETPGR	AGAP012068-PA	-	54	2.94E-05	2	1240.687	-1.79	Visceras	3L:-:37352614-37352582	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_9549	ILDHSFRDDNISSEGFSK	AGAP012068-PA	-	68	2.59E-06	1	2066.982	1.84	Salivary gland	3L:-:37351643-37351760,37347156-37347454	exon=> In CDS Exon 4 and 3 of transcript AGAP012068-PA
JHU_Ag_11411	IQLVDIETPGR	AGAP012068-PA	-	55	1.83E-05	2	1240.692	2.15	Pupa	3L:-:37352614-37352582	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_14005	NYLDTFWHNPQYVIR	AGAP012068-PA	-	102	1.01E-09	1	1965.965	2.37	Visceras	3L:-:37352263-37352219	exon=> In CDS Exon 2 of transcript AGAP012068-PA

JHU_Ag_14699	LDDPDEDDEEGNCTVIIALLQK	AGAP012068-PA	C13(Carbamidomethyl)	74	4.64E-07	2	2502.154	-0.59	Visceras	3L:-:37352218-37352153	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_16117	NYLDTFWHNPQYVIR	AGAP012068-PA	-	62	9.36E-06	2	1965.964	1.54	Malpighian tubule	3L:-:37352263-37352219	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_16204	IAPDVPGYVQPSPQR	AGAP012068-PA	-	68	1.69E-06	1	1623.852	1.76	Visceras	3L:-:37351760-37351716	exon=> In CDS Exon 3 of transcript AGAP012068-PA
JHU_Ag_19065	SSEQNEFWSALLEK	AGAP012068-PA	-	98	2.39E-09	2	1667.792	0.57	Head	3L:-:37352911-37352870	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_20167	NYLDTFWHNPQYVIR	AGAP012068-PA	-	81	1.13E-07	1	1965.967	3.03	Ovary	3L:-:37352263-37352219	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_21912	EALNSAGYHLNNR	AGAP012068-PA	-	71	9.89E-07	1	1458.711	1.73	Salivary gland	3L:-:37347291-37347253	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_23488	LFLDVAGADGEVDWVELKR	AGAP012068-PA	-	73	5.26E-07	1	2132.114	5.33	Visceras	3L:-:37351700-37351644	exon=> In CDS Exon 3 of transcript AGAP012068-PA
JHU_Ag_26083	LGFEEFQQLLTDIAK	AGAP012068-PA	-	113	4.82E-11	2	1751.932	5.81	Ovary	3L:-:37347402-37347358	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_26314	SSEQNEFWSALLEK	AGAP012068-PA	-	94	5.71E-09	2	1667.794	1.38	Ovary	3L:-:37352911-37352870	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_27574	SPAFINLR	AGAP012068-PA	-	55	3.79E-05	1	917.524	3.79	Malpighian tubule	3L:-:37352017-37351994	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_28646	WVDVVIDDRLPTYR	AGAP012068-PA	-	60	1.25E-05	1	1746.918	0.47	Salivary gland	3L:-:37352974-37352933	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_29695	NYLDTFWHNPQYVIR	AGAP012068-PA	-	82	9.94E-08	1	1965.966	2.53	Head	3L:-:37352263-37352219	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_30738	SPAFINLR	AGAP012068-PA	-	45	0.000351483	1	917.521	0.27	Pupa	3L:-:37352017-37351994	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_34868	GHAYSITK	AGAP012068-PA	-	47	0.000337267	1	876.459	1.43	Malpighian tubule	3L:-:37352638-37352615	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_35049	LFLDVAGADGEVDWVELKR	AGAP012068-PA	-	80	1.27E-07	1	2132.111	3.87	Malpighian tubule	3L:-:37351700-37351644	exon=> In CDS Exon 3 of transcript AGAP012068-PA
JHU_Ag_35087	FKLPPGTYVIVPSTFEPNEEGEFIIR	AGAP012068-PA	-	60	7.88E-06	1	2979.573	7.56	Malpighian tubule	3L:-:37351978-37351901	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_36890	LGFEEFQQLLTDIAK	AGAP012068-PA	-	94	4.33E-09	1	1751.925	2.19	Malpighian tubule	3L:-:37347402-37347358	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_38804	FKLPPGTYVIVPSTFEPNEEGEFIIR	AGAP012068-PA	-	52	6.52E-05	1	2979.552	0.62	Salivary gland	3L:-:37351978-37351901	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_41537	IAPDVPGYVQPSPQR	AGAP012068-PA	-	80	9.34E-08	1	1623.859	5.97	Male reproductive organs	3L:-:37351760-37351716	exon=> In CDS Exon 3 of transcript AGAP012068-PA
JHU_Ag_41921	SSFDVQDFYQIR	AGAP012068-PA	-	95	5.32E-09	1	1504.709	1.37	Head	3L:-:37353331-37353296	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_43029	NYLDTFWHNPQYVIR	AGAP012068-PA	-	58	2.68E-05	1	1965.963	1.44	Male reproductive organs	3L:-:37352263-37352219	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_46137	SSEQNEFWSALLEKAYAK	AGAP012068-PA	-	65	4.55E-06	1	2101.042	8.62	Malpighian tubule	3L:-:37352911-37352858	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_48424	SSFDVQDFYQIR	AGAP012068-PA	-	97	2.57E-09	2	1504.706	-0.5	Male reproductive organs	3L:-:37353331-37353296	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_49771	EALNSAGYHLNNR	AGAP012068-PA	-	95	4.53E-09	1	1458.713	3.15	Malpighian tubule	3L:-:37347291-37347253	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_51935	SPAFINLR	AGAP012068-PA	-	42	0.000704539	2	917.521	0.33	Visceras	3L:-:37352017-37351994	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_52405	IQLVDIETPGR	AGAP012068-PA	-	69	7.36E-07	1	1240.691	1.46	Head	3L:-:37352614-37352582	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_54427	NPWGNEAEWNGPWSDKSPEWR	AGAP012068-PA	-	72	6.81E-07	1	2542.126	3.28	Head	3L:-:37352551-37352489	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_57177	IQLVDIETPGR	AGAP012068-PA	-	69	6.65E-07	1	1240.691	1.26	Ovary	3L:-:37352614-37352582	exon=> In CDS Exon 2 of transcript AGAP012068-PA

JHU_Ag_58575	ILNALVHR	AGAP012068-PA	-	56	3.82E-06	2	935.579	-0.01	Salivary gland	3L:-:37347252-37347229	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_66455	IQLVDIETPGR	AGAP012068-PA	Q2(Deamidated)	68	9.41E-07	2	1240.690	-0.11	Male reproductive organs	3L:-:37352614-37352582	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_66620	FKLPPGTYVIVPSTFEPNEEGEFIIR	AGAP012068-PA	-	60	1.02E-05	1	2979.554	1.17	Head	3L:-:37351978-37351901	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_66766	SGKIPLIR	AGAP012068-PA	-	35	0.000464 87	2	883.575	3.14	Malpighian tubule	3L:-:37352581-37352558	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_70696	EALNSAGYHLNNR	AGAP012068-PA	-	57	2.72E-05	1	1458.708	-0.61	Male reproductive organs	3L:-:37347291-37347253	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_74986	LSPFQLR	AGAP012068-PA	-	52	6.85E-05	2	860.502	3.81	Malpighian tubule	3L:-:37347312-37347292	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_75849	ILNALVHR	AGAP012068-PA	-	56	1.19E-06	2	935.582	3.71	Malpighian tubule	3L:-:37347252-37347229	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_77884	SSFDVQDFYQIR	AGAP012068-PA	-	86	3.95E-08	2	1504.709	1.45	Salivary gland	3L:-:37353331-37353296	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_81896	SSFDVQDFYQIR	AGAP012068-PA	-	77	2.70E-07	2	1504.711	2.66	Visceras	3L:-:37353331-37353296	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_82009	NSMFGCSIEADPHVLEAETPEGLIR	AGAP012068-PA	C6(Carbamidomethyl)	62	9.48E-06	1	2772.313	5.97	Malpighian tubule	3L:-:37352713-37352639	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_82920	NPWGNEAEWNGPWSDKSPEWR	AGAP012068-PA	-	81	7.35E-08	1	2542.124	2.7	Visceras	3L:-:37352551-37352489	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_84411	SPAFINLR	AGAP012068-PA	-	55	3.62E-05	1	917.520	-0.66	Salivary gland	3L:-:37352017-37351994	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_87675	VVPEDNSFEDGYAGVFHFR	AGAP012068-PA	-	79	1.53E-07	1	2184.999	0.1	Malpighian tubule	3L:-:37353049-37352993	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_89903	EALNSAGYHLNNR	AGAP012068-PA	-	104	5.77E-10	1	1458.702	-4.63	Head	3L:-:37347291-37347253	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_90115	FDVQQGELGDCWLLAACANLTQDHK	AGAP012068-PA	C11(Carbamidomethyl), C17(Carbamidomethyl)	53	5.62E-05	1	2889.337	2.41	Visceras	3L:-:37353136-37353062	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_91332	FKLPPGTYVIVPSTFEPNEEGEFIIR	AGAP012068-PA	-	89	1.13E-08	1	2979.560	3.2	Visceras	3L:-:37351978-37351901	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_96756	IQLVDIETPGR	AGAP012068-PA	-	78	9.13E-08	1	1240.691	0.87	Salivary gland	3L:-:37352614-37352582	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_97023	EALNSAGYHLNNRILNALVHR	AGAP012068-PA	-	48	0.000114 593	1	2375.273	1.65	Malpighian tubule	3L:-:37347291-37347229	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_98226	IQLVDIETPGR	AGAP012068-PA	-	79	8.40E-08	1	1240.690	0.58	Malpighian tubule	3L:-:37352614-37352582	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_100115	DQTPPNLFEIIEK	AGAP012068-PA	-	40	0.001373 158	2	1543.806	3.49	Head	3L:-:37352764-37352726	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_102384	SGTIPFDDFIMCAVK	AGAP012068-PA	C12(Carbamidomethyl)	42	0.000940 508	2	1700.806	2.2	Salivary gland	3L:-:37347216-37347172	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_103950	SSEQNEFWSALLEK	AGAP012068-PA	-	86	3.82E-08	2	1667.796	2.77	Visceras	3L:-:37352911-37352870	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_105158	LFLDVAGADGEVDWVELKR	AGAP012068-PA	-	57	2.68E-05	1	2132.101	-0.42	Salivary gland	3L:-:37351700-37351644	exon=> In CDS Exon 3 of transcript AGAP012068-PA
JHU_Ag_106408	SSFDVQDFYQIR	AGAP012068-PA	-	86	3.58E-08	1	1504.709	1.69	Ovary	3L:-:37353331-37353296	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_107628	SPAFINLR	AGAP012068-PA	-	55	4.19E-05	1	917.522	1.8	Male reproductive organs	3L:-:37352017-37351994	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_108855	LGFEEFQQLLTDIAK	AGAP012068-PA	-	70	9.14E-07	2	1751.931	5.6	Salivary gland	3L:-:37347402-37347358	exon=> In CDS Exon 4 of transcript AGAP012068-PA
JHU_Ag_108944	IAPDVPGYVQPSPQR	AGAP012068-PA	-	71	8.46E-07	1	1623.850	0.85	Malpighian tubule	3L:-:37351760-37351716	exon=> In CDS Exon 3 of transcript AGAP012068-PA

JHU_Ag_109668	DLAQKPLK	AGAP012068-PA	-	36	0.000945766	1	912.549	-2.3	Salivary gland	3L:-:37352077-37352054	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_113288	HYEWLRPHEICDGPEFFVEGFSR	AGAP012068-PA	C11(Carbamidomethyl)	58	1.80E-05	1	2907.352	7.33	Ovary	3L:-:37353205-37353137	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_113895	IAPDVPGYVQPSPQR	AGAP012068-PA	-	72	7.59E-07	1	1623.854	3.26	Head	3L:-:37351760-37351716	exon=> In CDS Exon 3 of transcript AGAP012068-PA
JHU_Ag_116297	IAPDVPGYVQPSPQR	AGAP012068-PA	-	75	3.64E-07	1	1623.850	0.7	Salivary gland	3L:-:37351760-37351716	exon=> In CDS Exon 3 of transcript AGAP012068-PA
JHU_Ag_117395	SPAFINLREVSCR	AGAP012068-PA	C12(Carbamidomethyl)	45	0.000468126	2	1548.803	5.21	Malpighian tubule	3L:-:37352017-37351979	exon=> In CDS Exon 2 of transcript AGAP012068-PA
JHU_Ag_71483	VPNEGYYTIIAK	AGAP012070-PA	-	49	0.00013105	2	1367.723	2.09	Head	3L:-:37375506-37375649,37375106-37375391	exon=> In CDS Exon 5 and 4 of transcript AGAP012070-PA
JHU_Ag_107055	HRDGDAVEMPVAVK	AGAP012070-PA	M9(Oxidation)	59	1.79E-05	3	1539.755	-2.21	Head	3L:-:37373866-37373825	exon=> In CDS Exon 9 of transcript AGAP012070-PA
JHU_Ag_114183	DLIFCALDVAK	AGAP012070-PA	C5(Carbamidomethyl)	38	0.002372949	2	1264.663	2.15	Head	3L:-:37373448-37373416	exon=> In CDS Exon 11 of transcript AGAP012070-PA
JHU_Ag_23971	SEGLTDKEAK	AGAP012071-PA	N-Term(Acetyl)	80	1.47E-07	1	1119.553	0.14	Malpighian tubule	3L:-:37391339-37391310	exon=> In CDS Exon 1 of transcript AGAP012071-PA
JHU_Ag_75315	SEGLTDKEAK	AGAP012071-PA	N-Term(Acetyl)	40	0.001885597	1	1119.556	2.87	Visceras	3L:-:37391339-37391310	exon=> In CDS Exon 1 of transcript AGAP012071-PA
JHU_Ag_82026	SEGLTDKEAK	AGAP012071-PA	N-Term(Acetyl)	59	2.28E-05	1	1119.553	0.25	Ovary	3L:-:37391339-37391310	exon=> In CDS Exon 1 of transcript AGAP012071-PA
JHU_Ag_3122	NFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	-	71	1.40E-06	1	1347.652	0.24	Head	3L:-:37390748-37390719;3L:-:37400709-37400680	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_4762	NFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	75	4.27E-07	1	1363.649	1.9	Malpighian tubule	3L:-:37390748-37390719;3L:-:37400709-37400680	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_5193	KGTLELTHNWGTENDAEFK	AGAP012071-PA,AGAP012072-PA	-	100	1.53E-09	1	2190.048	0.84	Visceras	3L:-:37390547-37390748,37390181-37390391;3L:-:37400508-37400709,37400136-37400346	exon=> In CDS Exon 3 and 2 of transcript AGAP012071-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012072-PA
JHU_Ag_5792	GYGHIGIMVPDVKK	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	87	2.33E-08	1	1529.819	3.17	Midgut	3L:-:37390363-37390322;3L:-:37400318-37400277	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_6537	GYGHIGIMVPDVKK	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	67	2.07E-06	1	1529.817	1.64	Malpighian tubule	3L:-:37390363-37390322;3L:-:37400318-37400277	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_7636	ASLPFYNEVLGMNLLCK	AGAP012071-PA,AGAP012072-PA	M12(Oxidation), C16(Carbamidomethyl)	74	6.35E-07	1	1984.994	3.54	Larva	3L:-:37390703-37390653;3L:-:37400664-37400614	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_11714	LPDADTKNFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	M15(Oxidation)	99	2.05E-09	1	2104.026	4.38	Malpighian tubule	3L:-:37391297-37391342,37390525-37390719;3L:-:37401256-37401304,37400486-37400680	exon=> In CDS Exon 2 and 1 of transcript AGAP012071-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP012072-PA

JHU_Ag_12213	ECVQWAMSR	AGAP012071-PA,AGAP012072-PA	C2(Carbamidomethyl), M7(Oxidation)	49	4.81E-05	2	1182.502	-0.62	Midgut	3L:-:37390574-37390548;3L:-:37400535-37400509	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_16238	NFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	64	6.93E-06	1	1347.655	2.5	Visceras	3L:-:37390748-37390719;3L:-:37400709-37400680	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_22393	RPDEGR	AGAP012071-PA,AGAP012072-PA	-	34	0.001605053	1	729.364	0.34	Malpighian tubule	3L:-:37390279-37390262;3L:-:37400234-37400217	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_31382	KECVQWAMSR	AGAP012071-PA,AGAP012072-PA	C3(Carbamidomethyl), M8(Oxidation)	65	3.64E-06	1	1310.597	-0.93	Midgut	3L:-:37390577-37390548;3L:-:37400538-37400509	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_32432	FSLYFMGYEDIANQPSDR	AGAP012071-PA,AGAP012072-PA	M6(Oxidation)	73	3.69E-07	1	2168.962	1.17	Malpighian tubule	3L:-:37390631-37390578;3L:-:37400592-37400539	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_37199	FSLYFMGYEDIANQPSDR	AGAP012071-PA,AGAP012072-PA	M6(Oxidation)	106	2.51E-10	1	2152.969	2.22	Midgut	3L:-:37390631-37390578;3L:-:37400592-37400539	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_43967	ELLKLPDADTK	AGAP012071-PA,AGAP012072-PA	-	59	1.32E-05	1	1242.695	0.55	Midgut	3L:-:37391309-37391277;3L:-:37401268-37401236	exon=> In CDS Exon 1 of transcript AGAP012071-PA;exon=> In CDS Exon 1 of transcript AGAP012072-PA
JHU_Ag_48087	FSLYFMGYEDIANQPSDR	AGAP012071-PA,AGAP012072-PA	M6(Oxidation)	115	2.51E-11	1	2168.962	1.06	Ovary	3L:-:37390631-37390578;3L:-:37400592-37400539	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_49074	GYGHIGIMVPDVK	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	84	6.31E-08	1	1401.720	0.33	Malpighian tubule	3L:-:37390363-37390325;3L:-:37400318-37400280	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_52457	GYGHIGIMVPDVK	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	69	2.29E-06	1	1401.720	0.33	Ovary	3L:-:37390363-37390325;3L:-:37400318-37400280	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_52886	LGVEYVK	AGAP012071-PA,AGAP012072-PA	-	43	0.000452748	1	807.462	0.83	Malpighian tubule	3L:-:37390300-37390280;3L:-:37400255-37400235	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_56675	GYGHIGIMVPDVK	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	76	4.42E-07	1	1401.723	2.5	Head	3L:-:37390363-37390325;3L:-:37400318-37400280	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_57544	ASLPFYNEVLGMNLLCK	AGAP012071-PA,AGAP012072-PA	M12(Oxidation), C16(Carbamidomethyl)	95	5.69E-09	2	1984.993	2.92	Visceras	3L:-:37390703-37390653;3L:-:37400664-37400614	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_58019	GYGHIGIMVPDVKK	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	47	0.000233592	1	1529.817	1.63	Ovary	3L:-:37390363-37390322;3L:-:37400318-37400277	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA

JHU_Ag_62783	ELLKLPDADTK	AGAP012071-PA,AGAP012072-PA	-	46	0.000229951	1	1242.693	-0.72	Male reproductive organs	3L:-:37391309-37391277;3L:-:37401268-37401236	exon=> In CDS Exon 1 of transcript AGAP012071-PA;exon=> In CDS Exon 1 of transcript AGAP012072-PA
JHU_Ag_66540	KGTLELTHNWGTENDAEFK	AGAP012071-PA,AGAP012072-PA	-	46	0.000418 09	2	2190.054	3.75	Ovary	3L:-:37390547-37390748,37390181-37390391;3L:-:37400508-37400709,37400136-37400346	exon=> In CDS Exon 3 and 2 of transcript AGAP012071-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012072-PA
JHU_Ag_68853	NFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	72	7.64E-07	2	1363.645	-1.05	Midgut	3L:-:37390748-37390719;3L:-:37400709-37400680	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_69643	LPDADTKNFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	M15(Oxidation)	98	2.37E-09	1	2104.016	-0.58	Ovary	3L:-:37391297-37391342,37390525-37390719;3L:-:37401256-37401304,37400486-37400680	exon=> In CDS Exon 2 and 1 of transcript AGAP012071-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP012072-PA
JHU_Ag_75020	LGVEYVK	AGAP012071-PA,AGAP012072-PA	-	47	0.000156984	1	807.462	0.6	Visceras	3L:-:37390300-37390280;3L:-:37400255-37400235	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_78200	NFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	60	1.17E-05	2	1363.648	1.46	Male reproductive organs	3L:-:37390748-37390719;3L:-:37400709-37400680	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_80259	KGTLELTHNWGTENDAEFK	AGAP012071-PA,AGAP012072-PA	-	82	9.36E-08	1	2190.049	1.26	Midgut	3L:-:37390547-37390748,37390181-37390391;3L:-:37400508-37400709,37400136-37400346	exon=> In CDS Exon 3 and 2 of transcript AGAP012071-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012072-PA
JHU_Ag_80581	NFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	69	1.49E-06	1	1363.649	1.64	Ovary	3L:-:37390748-37390719;3L:-:37400709-37400680	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_82626	ASLPFYNEVLGMNLLCK	AGAP012071-PA,AGAP012072-PA	M12(Oxidation), C16(Carbamidomethyl)	81	1.29E-07	1	1984.986	-0.71	Ovary	3L:-:37390703-37390653;3L:-:37400664-37400614	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_83086	KGTLELTHNWGTENDAEFK	AGAP012071-PA,AGAP012072-PA	-	81	1.18E-07	1	2190.048	0.68	Malpighian tubule	3L:-:37390547-37390748,37390181-37390391;3L:-:37400508-37400709,37400136-37400346	exon=> In CDS Exon 3 and 2 of transcript AGAP012071-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012072-PA
JHU_Ag_84418	NFLFQQTMYR	AGAP012071-PA,AGAP012072-PA	-	57	3.44E-05	1	1347.656	3.41	Salivary gland	3L:-:37390748-37390719;3L:-:37400709-37400680	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_84711	LGVEYVK	AGAP012071-PA,AGAP012072-PA	-	34	0.001645845	2	807.460	-1.21	Head	3L:-:37390300-37390280;3L:-:37400255-37400235	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA

JHU_Ag_85979	LGVEYVK	AGAP012071-PA,AGAP012072-PA	-	42	0.000559573	2	807.463	1.88	Ovary	3L:-:37390300-37390280;3L:-:37400255-37400235	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_93564	LGVEYVKRPDEGR	AGAP012071-PA,AGAP012072-PA	-	88	2.12E-08	1	1517.808	0.5	Malpighian tubule	3L:-:37390300-37390262;3L:-:37400255-37400217	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_102617	ASLPFYNEVLGMNLLCK	AGAP012071-PA,AGAP012072-PA	M12(Oxidation), C16(Carbamidomethyl)	105	5.59E-10	1	1984.990	1.22	Malpighian tubule	3L:-:37390703-37390653;3L:-:37400664-37400614	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_103033	GYGHIGIMVPDVK	AGAP012071-PA,AGAP012072-PA	M8(Oxidation)	71	1.36E-06	1	1401.719	-0.29	Midgut	3L:-:37390363-37390325;3L:-:37400318-37400280	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_103599	RPDEGR	AGAP012071-PA,AGAP012072-PA	-	29	0.004513141	2	729.364	0.18	Ovary	3L:-:37390279-37390262;3L:-:37400234-37400217	exon=> In CDS Exon 3 of transcript AGAP012071-PA;exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_103757	ELLKLPDADTK	AGAP012071-PA,AGAP012072-PA	-	54	3.93E-05	1	1242.694	0.26	Visceras	3L:-:37391309-37391277;3L:-:37401268-37401236	exon=> In CDS Exon 1 of transcript AGAP012071-PA;exon=> In CDS Exon 1 of transcript AGAP012072-PA
JHU_Ag_109134	ASLPFYNEVLGMNLLCK	AGAP012071-PA,AGAP012072-PA	C16(Carbamidomethyl)," M12(Oxidation), C16(Carbamidomethyl)"	104	5.89E-10	2	1968.993	0.18	Midgut	3L:-:37390703-37390653;3L:-:37400664-37400614	exon=> In CDS Exon 2 of transcript AGAP012071-PA;exon=> In CDS Exon 2 of transcript AGAP012072-PA
JHU_Ag_33238	GLAFIKDPDGYWIEIFNASTVQTH	AGAP012072-PA	-	129	2.10E-12	1	2722.352	0.35	Ovary	3L:-:37400210-37400139	exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_50502	GLAFIKDPDGYWIEIFNASTVQTH	AGAP012072-PA	-	35	0.004812067	3	2722.347	-1.4	Head	3L:-:37400210-37400139	exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_109992	GLAFIKDPDGYWIEIFNASTVQTH	AGAP012072-PA	-	81	1.13E-07	1	2722.370	6.74	Malpighian tubule	3L:-:37400210-37400139	exon=> In CDS Exon 3 of transcript AGAP012072-PA
JHU_Ag_8780	GEAIIKVTGR	AGAP012077-PA	-	35	0.003110449	1	1043.609	-11.17	Visceras	3L:+:37449234-37449263	exon=> In CDS Exon 2 of transcript AGAP012077-PA
JHU_Ag_33180	LGFAGEPYPR	AGAP012077-PA	-	61	1.29E-05	1	1106.563	-0.16	Male reproductive organs	3L:+:37448601-37448630	exon=> In CDS Exon 2 of transcript AGAP012077-PA
JHU_Ag_85480	LGFAGEPYPR	AGAP012077-PA	-	64	5.95E-06	2	1106.565	1.49	Malpighian tubule	3L:+:37448601-37448630	exon=> In CDS Exon 2 of transcript AGAP012077-PA
JHU_Ag_104020	GEAIIKVTGR	AGAP012077-PA	-	31	0.006180393	1	1043.612	-8.48	Head	3L:+:37449234-37449263	exon=> In CDS Exon 2 of transcript AGAP012077-PA
JHU_Ag_70240	YNYQLTLNNTR	AGAP012079-PA	Q4(Deamidated), N9(Deamidated),"Q4(Deamidated), N8(Deamidated)"	39	0.001742895	1	1401.680	11.4	Salivary gland	3L:-:37458051-37458019	exon=> In CDS Exon 2 of transcript AGAP012079-PA
JHU_Ag_10774	LINMLLFIK	AGAP012080-PA,AGAP012083-PA	M4(Oxidation)	25	0.004735524	1	1120.684	3.64	Pupa	3L:-:37465727-37465701;3L:-:37475924-37475898	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_43734	GKGEVSLSSYALLFSELVQYSQSR	AGAP012080-PA,AGAP012083-PA	-	60	1.21E-05	1	2648.357	0	Ovary	3L:-:37465989-37465918;3L:-:37476186-37476115	exon=> In CDS Exon 1 of transcript AGAP012080-PA;exon=> In CDS Exon 1 of transcript AGAP012083-PA

JHU_Ag_61780	LINMLLFIK	AGAP012080-PA,AGAP012083-PA	M4(Oxidation)	35	0.000430892	1	1120.683	2.99	Male reproductive organs	3L:-:37465727-37465701;3L:-:37475924-37475898	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_68460	LINMLLFIK	AGAP012080-PA,AGAP012083-PA	M4(Oxidation)	25	0.004789981	1	1120.687	6.26	Malpighian tubule	3L:-:37465727-37465701;3L:-:37475924-37475898	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_82789	LINMLLFIK	AGAP012080-PA,AGAP012083-PA	M4(Oxidation)	33	0.000762239	1	1120.683	2.33	Salivary gland	3L:-:37465727-37465701;3L:-:37475924-37475898	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_94960	IIDLYFVR	AGAP012080-PA,AGAP012083-PA	-	40	0.000395395	2	1038.600	1.44	Ovary	3L:-:37465778-37465755;3L:-:37475975-37475952	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_96044	LINMLLFIK	AGAP012080-PA,AGAP012083-PA	M4(Oxidation)	33	0.00070205	1	1120.686	5.82	Head	3L:-:37465727-37465701;3L:-:37475924-37475898	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_99042	LINMLLFIK	AGAP012080-PA,AGAP012083-PA	M4(Oxidation)	29	0.001898314	1	1120.684	3.75	Midgut	3L:-:37465727-37465701;3L:-:37475924-37475898	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_100297	IIDLYFVR	AGAP012080-PA,AGAP012083-PA	-	48	5.93E-05	2	1038.601	2.62	Male reproductive organs	3L:-:37465778-37465755;3L:-:37475975-37475952	exon=> In CDS Exon 2 of transcript AGAP012080-PA;exon=> In CDS Exon 2 of transcript AGAP012083-PA
JHU_Ag_3001	AAVNAAAGAQGK	AGAP012081-PA	-	87	1.98E-08	1	1028.552	3.67	Larva	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_4863	AAVNAAAGAQGK	AGAP012081-PA	-	98	1.22E-09	1	1028.546	-2.39	Salivary gland	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_10222	AAVNAAAGAQGK	AGAP012081-PA	Q10(Deamidated),N4(Deamidated)	114	3.67E-11	1	1028.547	-1.32	Head	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_36838	AAVNAAAGAQGK	AGAP012081-PA	-	41	0.000704923	2	1028.552	3.07	Pupa	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_44709	AAVNAAAGAQGK	AGAP012081-PA	-	98	1.51E-09	1	1028.549	0.58	Ovary	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_48308	AAVNAAAGAQGK	AGAP012081-PA	N4(Deamidated)	113	3.99E-11	1	1028.549	0.82	Malpighian tubule	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_104975	AAVNAAAGAQGK	AGAP012081-PA	-	104	3.21E-10	1	1028.548	-0.01	Visceras	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_110612	AAVNAAAGAQGK	AGAP012081-PA	-	109	1.08E-10	1	1028.548	-0.01	Male reproductive organs	3L:-:37467740-37467705	exon=> In CDS Exon 1 of transcript AGAP012081-PA
JHU_Ag_998	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	109	2.19E-10	1	1406.665	-11.8	Malpighian tubule	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_1821	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	81	1.48E-07	1	1278.636	0.2	Ovary	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_4115	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	64	4.40E-06	2	975.561	-1.08	Head	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_6922	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	65	3.41E-06	2	975.561	-0.9	Visceras	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_6934	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	N3(Deamidated)	79	7.93E-08	1	1367.756	2.32	Pupa	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_7898	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	63	3.66E-06	1	1088.636	0.39	Malpighian tubule	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_11341	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	Q7(Deamidated)	122	3.35E-12	1	1677.930	1.21	Salivary gland	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_11384	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	45	0.000152813	1	1088.638	2.75	Larva	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_12163	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	102	2.69E-10	1	1951.100	1.65	Pupa	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_14242	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	65	2.47E-06	1	1088.636	0.39	Head	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_14515	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	95	4.93E-09	1	1278.634	-1.33	Salivary gland	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_14956	VLDTGSPIR	AGAP012081-PA,AGAP012106-PA	-	57	2.91E-05	1	957.537	0.13	Head	3L:-:37467518-37467492;3L:-:37744077-37744051	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_14967	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),N9(Deamidated),N10(Deamidated)	108	8.00E-11	2	1457.843	2.23	Visceras	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_17107	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	N3(Deamidated)	84	2.72E-08	1	1367.749	-2.86	Head	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_20355	VLDTGSPIR	AGAP012081-PA,AGAP012106-PA	-	69	1.63E-06	1	957.538	1.21	Malpighian tubule	3L:-:37467518-37467492;3L:-:37744077-37744051	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_20583	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	67	1.36E-06	1	1012.579	0.63	Ovary	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_20916	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	-	89	7.45E-09	1	1367.755	1.69	Malpighian tubule	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_21004	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),"M5(Oxidation), N10(Deamidated)",N9(Deamidated),"M5(Oxidation), N9(Deamidated)",N10(Deamidated)	108	7.28E-11	2	1457.846	4.41	Malpighian tubule	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_21127	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	-	84	2.67E-08	1	1367.755	1.51	Salivary gland	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_24574	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	94	7.29E-09	1	1262.641	0.04	Visceras	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_25294	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	-	132	3.35E-13	1	1677.929	0.7	Ovary	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_26517	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	-	75	2.06E-07	2	1367.758	3.48	Midgut	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_26780	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	67	1.31E-06	1	1012.578	-0.27	Salivary gland	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_27409	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	92	2.77E-09	1	1951.097	-0.04	Head	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_28839	GPIDTNLSAPIHAEAPEFIEMSVEQEILVTGIK	AGAP012081-PA,AGAP012106-PA	M21(Oxidation)	152	4.92E-15	1	3564.821	1.86	Visceras	3L:-:37467425-37467327;3L:-:37743984-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_30979	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	64	2.15E-06	1	1088.637	1.56	Ovary	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_31441	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	115	5.07E-11	1	1406.681	-0.09	Head	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_32386	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),"M5(Oxidation), N10(Deamidated)","M5(Oxidation), N9(Deamidated)"	108	1.04E-10	1	1457.840	-0.03	Ovary	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_33000	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	67	1.34E-06	1	1012.580	1.48	Visceras	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_33048	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),"M5(Oxidation), N10(Deamidated)",N9(Deamidated),"M5(Oxidation), N9(Deamidated)",N10(Deamidated)	114	2.82E-11	2	1457.839	-0.7	Midgut	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_33182	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	55	2.38E-05	1	1088.634	-1.25	Salivary gland	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_33822	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	67	1.31E-06	1	1012.577	-1.36	Head	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_34078	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	-	59	7.07E-06	2	1367.761	5.53	Larva	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_34454	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	67	1.47E-06	2	1012.582	3.1	Male reproductive organs	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_34582	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	92	1.12E-08	1	1406.683	1.47	Pupa	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_35223	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	N12(Deamidated)	94	2.74E-09	1	1677.924	-2.5	Midgut	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_39782	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	106	9.90E-11	1	1951.100	1.65	Malpighian tubule	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_40391	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	89	1.96E-08	1	1262.643	1.68	Midgut	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_43857	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	-	114	1.99E-11	2	1677.931	1.64	Male reproductive organs	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_45245	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	105	1.43E-10	1	1951.101	2.03	Visceras	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_49485	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	-	73	3.35E-07	2	1367.755	1.16	Male reproductive organs	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_50015	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	101	1.28E-09	1	1406.669	-8.94	Ovary	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_51379	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	95	1.24E-09	1	1951.104	3.34	Ovary	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_51406	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	-	63	2.38E-06	2	1677.934	3.32	Larva	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_51687	GPIDTNLSAPIHAEAPEFIEMSVEQEILVTGIK	AGAP012081-PA,AGAP012106-PA	M21(Oxidation)	214	3.03E-21	1	3564.812	-0.71	Malpighian tubule	3L:-:37467425-37467327;3L:-:37743984-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_51877	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	60	7.66E-06	2	975.564	1.73	Ovary	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_53227	VLDTGSPIR	AGAP012081-PA,AGAP012106-PA	-	64	5.88E-06	1	957.535	-1.53	Pupa	3L:-:37467518-37467492;3L:-:37744077-37744051	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_54178	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	100	4.38E-10	1	1951.096	-0.6	Midgut	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_55659	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation)	85	1.55E-08	2	1473.842	5.16	Larva	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_58338	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	-	84	2.53E-08	1	1367.754	1.07	Ovary	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_58677	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	Q7(Deamidated),N12(Deamidated)	142	3.52E-14	1	1677.932	1.93	Head	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_61812	VLDTGSPIR	AGAP012081-PA,AGAP012106-PA	-	69	1.83E-06	1	957.536	-0.89	Salivary gland	3L:-:37467518-37467492;3L:-:37744077-37744051	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_62470	IINVIGEPIDER	AGAP012081-PA,AGAP012106-PA	-	89	8.03E-09	1	1367.754	1.07	Visceras	3L:-:37467461-37467426;3L:-:37744020-37743985	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_65641	TIAMDGTEGLVRGQR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	38	0.003255958	1	1619.819	1.45	Malpighian tubule	3L:-:37467563-37467519;3L:-:37744122-37744078	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_66086	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	51	4.95E-05	2	1088.637	1.67	Visceras	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_66419	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	63	3.54E-06	1	1012.578	-0.57	Pupa	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_69294	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	65	2.27E-06	1	1088.634	-1.4	Midgut	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_72897	VVAVIGAVVDVQFDEQLPPILNALEVQGR	AGAP012081-PA,AGAP012106-PA	-	69	2.38E-07	1	3088.700	-1.29	Malpighian tubule	3L:-:37467704-37467618;3L:-:37744263-37744177	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_72940	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	63	4.00E-06	2	975.562	-0.08	Pupa	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_73967	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	72	9.24E-07	1	1278.638	1.91	Male reproductive organs	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_74899	VLDTGSPIR	AGAP012081-PA,AGAP012106-PA	-	47	0.000305002	2	957.534	-2.29	Midgut	3L:-:37467518-37467492;3L:-:37744077-37744051	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_75329	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	52	4.06E-05	1	1088.634	-1.29	Male reproductive organs	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_77299	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),"M5(Oxidation), N9(Deamidated)",N10(Deamidated)	112	3.16E-11	2	1457.844	3.24	Head	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_78891	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	-	131	4.13E-13	1	1677.934	3.53	Malpighian tubule	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_79041	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	63	3.73E-06	2	975.563	1.17	Midgut	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_79809	VVAVIGAVVDVQFDEQLPPILNALEVQGR	AGAP012081-PA,AGAP012106-PA	Q12(Deamidated),Q16(Deamidated)	103	8.54E-11	1	3088.712	2.38	Head	3L:-:37467704-37467618;3L:-:37744263-37744177	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_84657	GPIDTNLSAPIHAEAPEFIEMSVEQEILVTGIK	AGAP012081-PA,AGAP012106-PA	M21(Oxidation)	257	1.82E-25	1	3564.799	-4.2	Midgut	3L:-:37467425-37467327;3L:-:37743984-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_84897	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	77	1.11E-07	1	1012.575	-4.01	Midgut	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_86536	VVAVIGAVVDVQFDEQLPPILNALEVQGR	AGAP012081-PA,AGAP012106-PA	-	30	0.001470056	3	3088.723	5.94	Visceras	3L:-:37467704-37467618;3L:-:37744263-37744177	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_87458	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	75	5.78E-07	1	1278.635	-0.85	Pupa	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_89366	GPIDTNLSAPIHAEAPEFIEMSVEQEILV TGIK	AGAP012081-PA,AGAP012106-PA	M21(Oxidation)	152	4.94E-15	1	3564.818	1.04	Head	3L:-:37467425-37467327;3L:-:37743984-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_89513	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),N9(Deamidated),N10(Deamidated)	108	9.60E-11	2	1457.842	1.9	Pupa	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_89711	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	99	2.18E-09	1	1278.636	-0.28	Head	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_90186	IINVIGEPIDERGPIDTNLSAPIHAEAPEF IEMSVEQEILVTGIK	AGAP012081-PA,AGAP012106-PA	M33(Oxidation)	93	1.30E-09	1	4913.547	-0.61	Malpighian tubule	3L:-:37467461-37467327;3L:-:37744020-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_90663	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	48	0.000115964	1	975.564	1.75	Larva	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_94565	VLDTGSPIR	AGAP012081-PA,AGAP012106-PA	-	63	7.25E-06	2	957.537	1.02	Visceras	3L:-:37467518-37467492;3L:-:37744077-37744051	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_95681	VLDTGSPIR	AGAP012081-PA,AGAP012106-PA	-	69	1.84E-06	1	957.536	0	Ovary	3L:-:37467518-37467492;3L:-:37744077-37744051	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_95731	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	64	3.24E-06	2	975.563	0.98	Salivary gland	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_96426	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	-	131	4.94E-13	1	1677.925	-2.14	Visceras	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_97006	LVLEVAQHLGENTVR	AGAP012081-PA,AGAP012106-PA	Q7(Deamidated),N12(Deamidated)	122	3.77E-12	1	1677.930	1.28	Pupa	3L:-:37467608-37467564;3L:-:37744167-37744123	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_97277	GPIDTNLSAPIHAEAPEFIEMSVEQEILV TGIK	AGAP012081-PA,AGAP012106-PA	M21(Oxidation)	236	2.02E-23	1	3564.818	0.94	Salivary gland	3L:-:37467425-37467327;3L:-:37743984-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_98474	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),N9(Deamidated),"M5(Oxidation),N9(Deamidated)",N10(Deamidated)	102	4.44E-10	1	1457.841	0.99	Salivary gland	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_99271	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	119	2.31E-11	1	1406.680	-0.7	Salivary gland	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_101023	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	63	5.11E-06	2	975.561	-1.08	Male reproductive organs	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_103785	IPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	71	5.49E-07	1	1012.579	0.15	Malpighian tubule	3L:-:37467491-37467462;3L:-:37744050-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_104241	TVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M5(Oxidation),N9(Deamidated)	108	1.05E-10	2	1473.834	-0.39	Male reproductive organs	3L:-:37467254-37467216;3L:-:37743813-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_105340	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	81	3.73E-08	1	1951.097	-0.13	Male reproductive organs	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_105950	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	101	1.50E-09	1	1406.686	3.38	Male reproductive organs	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_107141	IGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	63	3.97E-06	2	975.565	2.86	Malpighian tubule	3L:-:37467287-37467255;3L:-:37743846-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_107258	GPIDTNLSAPIHAEAPEFIEMSVEQEILVTGIK	AGAP012081-PA,AGAP012106-PA	M21(Oxidation)	134	2.80E-13	1	3564.815	0.22	Pupa	3L:-:37467425-37467327;3L:-:37743984-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_108305	TIAMDGTEGLVR	AGAP012081-PA,AGAP012106-PA	M4(Oxidation)	101	1.30E-09	1	1262.643	1.87	Malpighian tubule	3L:-:37467563-37467528;3L:-:37744122-37744087	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_109690	GGKIGLFGGAGVGK	AGAP012081-PA,AGAP012106-PA	-	40	0.000586667	2	1217.700	-0.04	Malpighian tubule	3L:-:37467296-37467255;3L:-:37743855-37743814	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_109909	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	112	1.11E-10	1	1406.682	0.43	Visceras	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_110636	VLDTGSPIRIPVGAETLGR	AGAP012081-PA,AGAP012106-PA	-	100	4.34E-10	1	1951.097	-0.04	Salivary gland	3L:-:37467518-37467462;3L:-:37744077-37744021	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_112435	AHGGYSVFAGVGER	AGAP012081-PA,AGAP012106-PA	-	114	7.37E-11	1	1406.681	-0.43	Midgut	3L:-:37467215-37467174;3L:-:37743774-37743733	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_114666	VVDLLAPYAK	AGAP012081-PA,AGAP012106-PA	-	54	2.42E-05	1	1088.637	1.4	Pupa	3L:-:37467326-37467297;3L:-:37743885-37743856	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_114935	IGLFGGAGVGKTVLIMELINNVAK	AGAP012081-PA,AGAP012106-PA	M16(Oxidation)	81	9.75E-09	1	2430.381	0.89	Head	3L:-:37467287-37467216;3L:-:37743846-37743775	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA

JHU_Ag_117539	GPIDTNLSAPIHAEAPEFIEMSVEQEILVTGIK	AGAP012081-PA,AGAP012106-PA	M21(Oxidation)	226	1.93E-22	1	3564.820	1.45	Ovary	3L:-:37467425-37467327;3L:-:37743984-37743886	exon=> In CDS Exon 1 of transcript AGAP012081-PA;exon=> In CDS Exon 1 of transcript AGAP012106-PA
JHU_Ag_111758	RPQTDSALESFIR	AGAP012088-PA,AGAP012887-PA	-	46	0.000376684	1	1519.787	0.58	Head	3L:+:37512955-37512993;UNKN:+:36659579-36659617	exon=> In CDS Exon 2 of transcript AGAP012088-PA;exon=> In CDS Exon 1 of transcript AGAP012887-PA
JHU_Ag_95283	ATDECNEQLKASSLQDKPSPSR	AGAP012092-PA,AGAP012091-PA	C5(Carbamidomethyl)	82	1.08E-07	1	2461.174	4.56	Malpighian tubule	3L:-:37592020-37591955;3L:-:37584797-37584732	exon=> In CDS Exon 1 of transcript AGAP012092-PA;exon=> In CDS Exon 1 of transcript AGAP012091-PA
JHU_Ag_3046	AAVHDQVGDFTFIQLYEAVKR	AGAP012093-PA	-	117	2.29E-11	1	2407.254	5.6	Malpighian tubule	3L:+:37597373-37597435	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_8155	LYEQEVAR	AGAP012093-PA	-	63	9.73E-06	1	1007.518	2.24	Malpighian tubule	3L:+:37597301-37597324	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_14004	ELIVPPFKR	AGAP012093-PA	-	41	0.000382611	1	1098.665	-1.68	Male reproductive organs	3L:+:37597325-37597351	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_20769	AAVHDQVGDFTFIQLYEAVKR	AGAP012093-PA	-	38	0.002107586	1	2407.237	-1.4	Visceras	3L:+:37597373-37597435	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_58934	SATQGFDDGDRPPVDPEAVHADLLR	AGAP012093-PA	-	135	5.80E-13	1	2678.291	3.86	Malpighian tubule	3L:+:37597214-37597288	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_61547	SATQGFDDGDRPPVDPEAVHADLLR	AGAP012093-PA	-	162	1.09E-15	1	2678.277	-1.33	Head	3L:+:37597214-37597288	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_66963	SATQGFDDGDRPPVDPEAVHADLLRR	AGAP012093-PA	-	54	5.04E-05	1	2834.393	4.12	Malpighian tubule	3L:+:37597214-37597291	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_70724	SATQGFDDGDRPPVDPEAVHADLLR	AGAP012093-PA	-	91	1.30E-08	1	2678.288	2.7	Midgut	3L:+:37597214-37597288	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_79599	SATQGFDDGDRPPVDPEAVHADLLR	AGAP012093-PA	-	107	2.99E-10	1	2678.297	6.12	Ovary	3L:+:37597214-37597288	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_81834	KSATQGFDDGDRPPVDPEAVHADLLR	AGAP012093-PA	-	107	2.74E-10	1	2806.381	1.83	Malpighian tubule	3L:+:37597211-37597288	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_100070	LYEQEVAR	AGAP012093-PA	-	49	0.000241009	2	1007.516	0.49	Head	3L:+:37597301-37597324	exon=> In CDS Exon 2 of transcript AGAP012093-PA
JHU_Ag_3150	VDYIQDYASGPDFNYPPEFYEHTEELWK	AGAP012095-PA	-	54	2.54E-05	3	3452.528	0.35	Head	3L:+:37622380-37622407,37622482-37622537	exon=> In CDS Exon 3 and 4 of transcript AGAP012095-PA
JHU_Ag_18929	YFIRDEFLR	AGAP012095-PA	-	43	0.000766236	1	1258.654	-3.43	Head	3L:+:37623487-37623510,37623601-37623603	exon=> In CDS Exon 8 and 9 of transcript AGAP012095-PA
JHU_Ag_25513	VFNDCRDIIQR	AGAP012095-PA	C5(Carbamidomethyl)	40	0.001914239	1	1435.712	0.84	Malpighian tubule	3L:+:37623685-37623717	exon=> In CDS Exon 9 of transcript AGAP012095-PA
JHU_Ag_36821	YFIRDEFLR	AGAP012095-PA	-	34	0.006528958	1	1258.657	-0.62	Malpighian tubule	3L:+:37623487-37623510,37623601-37623603	exon=> In CDS Exon 8 and 9 of transcript AGAP012095-PA
JHU_Ag_38841	LSDYFGEFNR	AGAP012095-PA	-	54	3.95E-05	2	1247.567	-1.49	Midgut	3L:+:37623319-37623348	exon=> In CDS Exon 7 of transcript AGAP012095-PA
JHU_Ag_39454	TISVILFLNKQDLLAEK	AGAP012095-PA	-	59	9.96E-07	1	1945.141	2.32	Malpighian tubule	3L:+:37623247-37623297	exon=> In CDS Exon 7 of transcript AGAP012095-PA
JHU_Ag_40894	VLTSGIFETR	AGAP012095-PA	-	39	0.001221822	2	1122.617	1.09	Midgut	3L:+:37622815-37622844	exon=> In CDS Exon 5 of transcript AGAP012095-PA
JHU_Ag_46471	YQTPADAVCEMGEDPEVIR	AGAP012095-PA	C9(Carbamidomethyl), M11(Oxidation)	88	1.30E-08	1	2195.964	2.37	Head	3L:+:37623349-37623361,37623437-37623480	exon=> In CDS Exon 7 and 8 of transcript AGAP012095-PA

JHU_Ag_52883	DAILTITGAMSTLTPPIQLEKPENQAR	AGAP012095-PA	M10(Oxidation)	115	1.93E-11	1	2924.546	2.11	Head	3L:+:37622198-37622209,37622311-37622379	exon=> In CDS Exon 2 and 3 of transcript AGAP012095-PA
JHU_Ag_59893	VNFHMFDVGGQR	AGAP012095-PA	M5(Oxidation)	65	4.12E-06	1	1422.659	0.35	Head	3L:+:37622860-37622870,37622960-37622984	exon=> In CDS Exon 5 and 6 of transcript AGAP012095-PA
JHU_Ag_60531	QPNYTPTEQDILR	AGAP012095-PA	-	41	0.001433208	2	1574.783	1.07	Head	3L:+:37622770-37622808	exon=> In CDS Exon 5 of transcript AGAP012095-PA
JHU_Ag_66483	LRESLDLFK	AGAP012095-PA	-	43	0.000424289	1	1120.636	-0.35	Head	3L:+:37623096-37623122	exon=> In CDS Exon 6 of transcript AGAP012095-PA
JHU_Ag_70339	SNEYQLIDCAK	AGAP012095-PA	C9(Carbamidomethyl)	57	2.58E-05	2	1340.615	-0.16	Head	3L:+:37622568-37622600	exon=> In CDS Exon 4 of transcript AGAP012095-PA
JHU_Ag_86936	LSDYFGEFNR	AGAP012095-PA	-	56	2.60E-05	2	1247.572	2.03	Head	3L:+:37623319-37623348	exon=> In CDS Exon 7 of transcript AGAP012095-PA
JHU_Ag_89342	HYCYPHFTCAVDTENIK	AGAP012095-PA	C3(Carbamidomethyl), C9(Carbamidomethyl)	101	6.04E-10	1	2154.938	0.2	Head	3L:+:37623631-37623681	exon=> In CDS Exon 9 of transcript AGAP012095-PA
JHU_Ag_111023	VSEIKQPNYTPTEQDILR	AGAP012095-PA	-	44	0.000478073	1	2131.106	1.61	Malpighian tubule	3L:+:37622755-37622808	exon=> In CDS Exon 5 of transcript AGAP012095-PA
JHU_Ag_112920	ILHVNGFSDSER	AGAP012095-PA	-	51	0.000123373	1	1373.675	-4.16	Head	3L:+:37622126-37622161	exon=> In CDS Exon 2 of transcript AGAP012095-PA
JHU_Ag_9099	LLLLGAGESGK	AGAP012095-PA,AGAP005904-PA,AGAP005773-PB,AGAP005773-PA,AGAP009457-PA	-	49	8.80E-05	2	1057.626	0.38	Midgut	3L:+:37622069-37622101;2L:+:23576691-23576703,23589104-23589123;2L:-:20492876-20492981,20467433-20467456;2L:-:20469711-20469816,20467433-20467456;3R:+:33798566-33798598	exon=> In CDS Exon 2 of transcript AGAP012095-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005904-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PA;exon=> In CDS Exon 2 of transcript AGAP009457-PA
JHU_Ag_53797	LLLLGAGESGK	AGAP012095-PA,AGAP005904-PA,AGAP005773-PB,AGAP005773-PA,AGAP009457-PA	-	71	5.10E-07	1	1057.626	0.69	Head	3L:+:37622069-37622101;2L:+:23576691-23576703,23589104-23589123;2L:-:20492876-20492981,20467433-20467456;2L:-:20469711-20469816,20467433-20467456;3R:+:33798566-33798598	exon=> In CDS Exon 2 of transcript AGAP012095-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005904-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PA;exon=> In CDS Exon 2 of transcript AGAP009457-PA

JHU_Ag_62525	LLLLGAGESGK	AGAP012095-PA,AGAP005904-PA,AGAP005773-PB,AGAP005773-PA,AGAP009457-PA	-	43	0.000371797	2	1057.626	0.5	Pupa	3L:+:37622069-37622101;2L:+:23576691-23576703,23589104-23589123;2L:-:20492876-20492981,20467433-20467456;2L:-:20469711-20469816,20467433-20467456;3R:+:33798566-33798598	exon=> In CDS Exon 2 of transcript AGAP012095-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005904-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PA;exon=> In CDS Exon 2 of transcript AGAP009457-PA
JHU_Ag_77592	LLLLGAGESGK	AGAP012095-PA,AGAP005904-PA,AGAP005773-PB,AGAP005773-PA,AGAP009457-PA	-	69	9.17E-07	1	1057.625	-0.19	Male reproductive organs	3L:+:37622069-37622101;2L:+:23576691-23576703,23589104-23589123;2L:-:20492876-20492981,20467433-20467456;2L:-:20469711-20469816,20467433-20467456;3R:+:33798566-33798598	exon=> In CDS Exon 2 of transcript AGAP012095-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005904-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PA;exon=> In CDS Exon 2 of transcript AGAP009457-PA
JHU_Ag_78447	LLLLGAGESGK	AGAP012095-PA,AGAP005904-PA,AGAP005773-PB,AGAP005773-PA,AGAP009457-PA	-	62	4.04E-06	2	1057.625	0.04	Salivary gland	3L:+:37622069-37622101;2L:+:23576691-23576703,23589104-23589123;2L:-:20492876-20492981,20467433-20467456;2L:-:20469711-20469816,20467433-20467456;3R:+:33798566-33798598	exon=> In CDS Exon 2 of transcript AGAP012095-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP005904-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PB;exon=> In CDS Exon 2 and 1 of transcript AGAP005773-PA;exon=> In CDS Exon 2 of transcript AGAP009457-PA
JHU_Ag_43049	LAMILFDIPDIR	AGAP012096-PA	M3(Oxidation)	61	7.49E-06	1	1432.790	2.03	Midgut	3L:+:37632908-37632943	exon=> In CDS Exon 2 of transcript AGAP012096-PA
JHU_Ag_4622	LGVYTSLNDAYKQK	AGAP012097-PA	-	81	8.81E-08	2	1599.844	3.79	Malpighian tubule	3L:+:37636312-37636349,37636471-37636474	exon=> In CDS Exon 1 and 2 of transcript AGAP012097-PA
JHU_Ag_5711	EYNNTFDAIGK	AGAP012097-PA	-	72	6.65E-07	1	1271.591	0.25	Salivary gland	3L:+:37636195-37636227	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_6526	HEGLFALWK	AGAP012097-PA	-	45	0.000432683	1	1100.590	0.67	Malpighian tubule	3L:+:37637125-37637151	exon=> In CDS Exon 5 of transcript AGAP012097-PA
JHU_Ag_10162	EYNNTFDAIGK	AGAP012097-PA	-	51	6.94E-05	2	1271.591	0.16	Pupa	3L:+:37636195-37636227	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_16191	LGVYTSLNDAYK	AGAP012097-PA	-	62	8.28E-06	2	1343.687	2.04	Head	3L:+:37636312-37636347	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_18865	AMVVNAAQLASYSQAK	AGAP012097-PA	M2(Oxidation)	67	3.41E-06	1	1667.841	-0.48	Male reproductive organs	3L:+:37636786-37636833	exon=> In CDS Exon 3 of transcript AGAP012097-PA
JHU_Ag_19966	AMVVNAAQLASYSQAK	AGAP012097-PA	M2(Oxidation)	108	2.63E-10	2	1667.844	0.81	Salivary gland	3L:+:37636786-37636833	exon=> In CDS Exon 3 of transcript AGAP012097-PA

JHU_Ag_20105	EYNNTFDAIGK	AGAP012097-PA	-	64	3.78E-06	1	1271.589	-1.28	Head	3L:+:37636195-37636227	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_20812	IAREEGVLSLWR	AGAP012097-PA	-	67	1.85E-06	1	1428.798	1.26	Salivary gland	3L:+:37636649-37636664,37636742-37636761	exon=> In CDS Exon 2 and 3 of transcript AGAP012097-PA
JHU_Ag_21455	EYNNTFDAIGK	AGAP012097-PA	-	62	7.32E-06	2	1271.594	2.85	Malpighian tubule	3L:+:37636195-37636227	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_21679	EEGVLSLWR	AGAP012097-PA	-	47	0.000388049	1	1088.573	-0.79	Male reproductive organs	3L:+:37636658-37636664,37636742-37636761	exon=> In CDS Exon 2 and 3 of transcript AGAP012097-PA
JHU_Ag_23264	NYTGFFNALFR	AGAP012097-PA	-	78	2.77E-07	1	1349.666	1.99	Malpighian tubule	3L:+:37636616-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_23428	RNYTGFFNALFR	AGAP012097-PA	-	46	0.000574077	2	1505.767	1.11	Salivary gland	3L:+:37636613-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_31818	AMVVNAAQLASYSQAK	AGAP012097-PA	M2(Oxidation)	148	2.68E-14	2	1667.841	-0.44	Midgut	3L:+:37636786-37636833	exon=> In CDS Exon 3 of transcript AGAP012097-PA
JHU_Ag_36519	HEGLFALWK	AGAP012097-PA	-	46	0.000281468	1	1100.585	-3.1	Midgut	3L:+:37637125-37637151	exon=> In CDS Exon 5 of transcript AGAP012097-PA
JHU_Ag_37133	AMVVNAAQLASYSQAK	AGAP012097-PA	M2(Oxidation)	99	1.93E-09	1	1667.846	2.42	Larva	3L:+:37636786-37636833	exon=> In CDS Exon 3 of transcript AGAP012097-PA
JHU_Ag_38084	MQISGMGGAAK	AGAP012097-PA	-	43	0.000713698	1	1050.508	0.68	Malpighian tubule	3L:+:37636162-37636194	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_38301	NYTGFFNALFR	AGAP012097-PA	-	79	2.47E-07	1	1349.664	0	Ovary	3L:+:37636616-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_38745	NYTGFFNALFR	AGAP012097-PA	-	67	3.34E-06	2	1349.666	1.45	Salivary gland	3L:+:37636616-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_47059	EYNNTFDAIGK	AGAP012097-PA	-	66	2.32E-06	2	1271.589	-0.71	Midgut	3L:+:37636195-37636227	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_47397	TNKTPNLLASMAMGMTAGAIGSFVGNPSELILIR	AGAP012097-PA	M11(Oxidation), M13(Oxidation), M15(Oxidation)	66	1.77E-06	1	3523.822	7.36	Malpighian tubule	3L:+:37636475-37636576	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_48672	LGVYTSLNDAYK	AGAP012097-PA	-	83	6.01E-08	2	1343.684	-0.32	Pupa	3L:+:37636312-37636347	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_57443	LGVYTSLNDAYK	AGAP012097-PA	-	91	1.03E-08	1	1343.687	1.86	Male reproductive organs	3L:+:37636312-37636347	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_61540	NYTGFFNALFR	AGAP012097-PA	-	57	3.75E-05	2	1349.669	3.71	Larva	3L:+:37636616-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_65261	VAPGEVPPYK	AGAP012097-PA	-	36	0.001888317	1	1056.575	2.05	Malpighian tubule	3L:+:37637062-37637091	exon=> In CDS Exon 5 of transcript AGAP012097-PA
JHU_Ag_71357	NYTGFFNALFR	AGAP012097-PA	-	70	1.87E-06	2	1349.668	3.17	Male reproductive organs	3L:+:37636616-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_72868	LGVYTSLNDAYK	AGAP012097-PA	-	88	1.97E-08	2	1343.679	-3.68	Midgut	3L:+:37636312-37636347	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_84211	NYTGFFNALFR	AGAP012097-PA	-	73	1.01E-06	2	1349.665	0.82	Midgut	3L:+:37636616-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA
JHU_Ag_93087	EEGVLSLWR	AGAP012097-PA	-	43	0.000711049	1	1088.576	2.35	Malpighian tubule	3L:+:37636658-37636664,37636742-37636761	exon=> In CDS Exon 2 and 3 of transcript AGAP012097-PA
JHU_Ag_96102	EEGVLSLWR	AGAP012097-PA	-	57	4.02E-05	2	1088.572	-1.58	Midgut	3L:+:37636658-37636664,37636742-37636761	exon=> In CDS Exon 2 and 3 of transcript AGAP012097-PA
JHU_Ag_99468	AMVVNAAQLASYSQAK	AGAP012097-PA	-	119	1.85E-11	1	1651.849	0.84	Malpighian tubule	3L:+:37636786-37636833	exon=> In CDS Exon 3 of transcript AGAP012097-PA
JHU_Ag_110433	NYTGFFNALFR	AGAP012097-PA	-	56	5.07E-05	2	1349.664	0.27	Head	3L:+:37636616-37636648	exon=> In CDS Exon 2 of transcript AGAP012097-PA

JHU_Ag_113223	EYNNTFDAIGK	AGAP012097-PA	-	70	9.77E-07	2	1271.592	1.31	Male reproductive organs	3L:+:37636195-37636227	exon=> In CDS Exon 1 of transcript AGAP012097-PA
JHU_Ag_64457	KGGALVR	AGAP012099-PA	-	32	0.001897396	1	700.446	-0.64	Salivary gland	3L:-:37641090-37641070	exon=> In CDS Exon 1 of transcript AGAP012099-PA
JHU_Ag_6445	NIVEAAAVR	AGAP012100-PA	-	50	8.66E-05	1	942.536	-1	Salivary gland	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_7033	DISDASVYSSYVLPK	AGAP012100-PA	-	98	2.66E-09	1	1643.823	4.08	Larva	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_9084	DISDASVYSSYVLPK	AGAP012100-PA	-	100	1.56E-09	1	1643.819	1.41	Midgut	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_18784	NIVEAAAVR	AGAP012100-PA	-	54	3.92E-05	2	942.536	-0.49	Ovary	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_23876	DISDASVYSSYVLPK	AGAP012100-PA	-	100	1.71E-09	1	1643.814	-1.27	Pupa	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_24931	DISDASVYSSYVLPK	AGAP012100-PA	-	118	2.10E-11	1	1643.821	2.89	Malpighian tubule	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_37657	DISDASVYSSYVLPK	AGAP012100-PA	-	113	8.54E-11	1	1643.818	0.96	Male reproductive organs	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_42552	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	75	4.32E-07	1	1474.688	-3.19	Midgut	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_43189	DISDASVYSSYVLPK	AGAP012100-PA	-	86	3.50E-08	1	1643.820	2	Salivary gland	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_45554	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	84	5.31E-08	1	1474.690	-2.01	Male reproductive organs	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_47529	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	80	1.56E-07	1	1474.699	4	Malpighian tubule	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_55770	NIVEAAAVRDISDASVYSSYVLPK	AGAP012100-PA	-	60	7.88E-06	1	2567.353	6.93	Malpighian tubule	3L:+:37646336-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_57482	DMNRQQNAQR	AGAP012100-PA	M2(Oxidation), N3(Deamidated), Q5(Deamidated), Q6(Deamidated), N7(Deamidated), Q9(Deamidated)	28	0.004298964	1	1281.509	5.92	Larva	3L:+:37646749-37646778	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_59855	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	50	0.000139264	2	1474.692	-0.88	Visceras	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_59862	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	57	3.02E-05	1	1474.700	4.58	Head	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_62622	NIVEAAAVR	AGAP012100-PA	-	69	1.24E-06	1	942.538	1.39	Visceras	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_64167	SFPKDMNR	AGAP012100-PA	M6(Oxidation)	42	0.000598418	1	1010.473	0.86	Malpighian tubule	3L:+:37646737-37646760	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_67535	DISDASVYSSYVLPK	AGAP012100-PA	-	104	5.28E-10	1	1643.821	3.04	Visceras	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_71617	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	47	0.000303139	1	1474.698	3.14	Larva	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_77294	NIVEAAAVR	AGAP012100-PA	-	62	6.69E-06	2	942.538	1.78	Larva	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA

JHU_Ag_77338	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	46	0.000367581	1	1474.693	0.1	Pupa	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_78910	NIVEAAAVR	AGAP012100-PA	-	60	9.16E-06	2	942.537	-0.03	Malpighian tubule	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_86691	NIVEAAAVR	AGAP012100-PA	-	64	3.43E-06	2	942.537	-0.23	Male reproductive organs	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_93473	NIVEAAAVR	AGAP012100-PA	-	54	3.74E-05	1	942.536	-0.62	Head	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_97882	NIVEAAAVR	AGAP012100-PA	-	56	2.51E-05	2	942.536	-0.81	Pupa	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_99741	DISDASVYSSYVLPK	AGAP012100-PA	-	129	1.98E-12	1	1643.818	0.96	Head	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_112202	NIVEAAAVR	AGAP012100-PA	-	49	0.000125436	1	942.536	-0.8	Midgut	3L:+:37646336-37646362	exon=> In CDS Exon 2 of transcript AGAP012100-PA
JHU_Ag_114003	DISDASVYSSYVLPK	AGAP012100-PA	-	127	3.22E-12	1	1643.820	1.92	Ovary	3L:+:37646363-37646390,37646618-37646634	exon=> In CDS Exon 2 and 3 of transcript AGAP012100-PA
JHU_Ag_116421	LHYCVSCAIHSK	AGAP012100-PA	C4(Carbamidomethyl), C7(Carbamidomethyl)	102	8.41E-10	1	1474.692	-0.52	Ovary	3L:+:37646647-37646682	exon=> In CDS Exon 3 of transcript AGAP012100-PA
JHU_Ag_1331	ITVSSINDISSFNLER	AGAP012103-PA	-	125	4.29E-12	1	1794.928	2.64	Visceras	3L:-:37669513-37669466	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_1954	FSGASVK	AGAP012103-PA	-	34	0.001550947	1	695.373	0.81	Ovary	3L:-:37669069-37669049	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_3260	VTIIGTPEAQWK	AGAP012103-PA	-	42	0.000603995	2	1342.740	2.2	Salivary gland	3L:-:37668997-37668962	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_3715	IAPLEADKPQEQQTER	AGAP012103-PA	Q10(Deamidated),Q12(Deamidated),Q13(Deamidated)	95	4.00E-09	1	1852.942	1.1	Malpighian tubule	3L:-:37669048-37669001	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_4565	ITVSSINDISSFNLER	AGAP012103-PA	-	137	2.33E-13	1	1794.926	1.28	Midgut	3L:-:37669513-37669466	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_5946	IAPLEADKPQEQQTER	AGAP012103-PA	-	72	8.13E-07	1	1852.942	1.23	Head	3L:-:37669048-37669001	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_7338	IAPLEADKPQEQQTERK	AGAP012103-PA	-	48	0.000168365	1	1981.040	2.44	Malpighian tubule	3L:-:37669048-37668998	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_11623	ITVSSINDISSFNLER	AGAP012103-PA	-	140	1.28E-13	1	1794.926	1.48	Salivary gland	3L:-:37669513-37669466	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_12355	LPEHTASAPVDEETTVHIIGPFFSVQSAQRR	AGAP012103-PA	-	130	8.74E-13	1	3419.757	6.53	Malpighian tubule	3L:-:37668725-37668797,37666359-37666545	exon=> In CDS Exon 4 and 3 of transcript AGAP012103-PA
JHU_Ag_12660	LLVELSDSNKQAR	AGAP012103-PA	-	74	3.50E-07	1	1472.813	4.07	Malpighian tubule	3L:-:37669963-37669925	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_15053	AITIYGNPENCTMACK	AGAP012103-PA	C11(Carbamidomethyl), C15(Carbamidomethyl),"C11(Carbamidomethyl), M13(Oxidation), C15(Carbamidomethyl)"	64	3.47E-06	1	1858.815	0.85	Ovary	3L:-:37669711-37669664	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_16806	VLVQSEMVGAIIGR	AGAP012103-PA	M7(Oxidation)	108	8.14E-11	2	1471.840	6.67	Malpighian tubule	3L:-:37669840-37669799	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_17842	KVTIIGTPEAQWK	AGAP012103-PA	-	48	0.000111599	2	1470.831	-0.4	Male reproductive organs	3L:-:37669000-37668962	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_19184	IAPLEADKPQEQQTER	AGAP012103-PA	-	49	0.000166776	1	1852.942	1.04	Visceras	3L:-:37669048-37669001	exon=> In CDS Exon 2 of transcript AGAP012103-PA

JHU_Ag_20813	TMMLATNPPPVTK	AGAP012103-PA	M2(Oxidation), M3(Oxidation)	79	2.08E-07	1	1432.718	0.12	Ovary	3L:-:37666538-37666500	exon=> In CDS Exon 4 of transcript AGAP012103-PA
JHU_Ag_21299	AVAGLNGVDFDGSK	AGAP012103-PA	-	80	1.68E-07	1	1349.671	1.23	Salivary gland	3L:-:37670005-37669964	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_21934	AVAGLNGVDFDGSKLLVELSDSNK	AGAP012103-PA	-	70	1.09E-06	1	2448.275	5.32	Malpighian tubule	3L:-:37670005-37669934	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_22666	LLVELSDSNK	AGAP012103-PA	-	58	1.56E-05	2	1117.615	4.2	Ovary	3L:-:37669963-37669934	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_23740	LPEHTASAPVDEETTVHIIGPFFSVQSAQR	AGAP012103-PA	-	130	1.00E-12	1	3263.648	4.47	Malpighian tubule	3L:-:37668725-37668797,37666359-37666548	exon=> In CDS Exon 4 and 3 of transcript AGAP012103-PA
JHU_Ag_27170	AVAGLNGVDFDGSK	AGAP012103-PA	-	72	1.07E-06	2	1349.674	3.58	Head	3L:-:37670005-37669964	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_28576	ARVDVHR	AGAP012103-PA	-	39	0.000584054	2	852.479	-0.78	Ovary	3L:-:37669759-37669739	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_31095	QTDFPLR	AGAP012103-PA	-	52	0.000113679	2	876.461	3.99	Malpighian tubule	3L:-:37669861-37669841	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_32500	VTIIGTPEAQWK	AGAP012103-PA	-	51	7.55E-05	2	1342.744	5.29	Malpighian tubule	3L:-:37668997-37668962	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_35513	IAPLEADKPQEQQTER	AGAP012103-PA	Q10(Deamidated),Q12(Deamidated),Q13(Deamidated)	77	2.90E-07	1	1852.942	1.16	Ovary	3L:-:37669048-37669001	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_37183	VTIIGTPEAQWK	AGAP012103-PA	-	54	3.74E-05	1	1342.737	0.57	Ovary	3L:-:37668997-37668962	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_37393	SQYGAGMPGGGGPGR	AGAP012103-PA	M7(Oxidation)	89	1.06E-08	2	1364.605	2.85	Malpighian tubule	3L:-:37669906-37669862	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_43112	ILEVMQQEANSTNKGEICLK	AGAP012103-PA	M5(Oxidation), C18(Carbamidomethyl)	84	6.73E-08	1	2321.157	4.08	Malpighian tubule	3L:-:37669660-37669601	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_44208	KVTIIGTPEAQWK	AGAP012103-PA	-	87	1.14E-08	1	1470.840	5.75	Malpighian tubule	3L:-:37669000-37668962	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_45040	ITVSSINDISSFNLER	AGAP012103-PA	-	137	2.29E-13	1	1794.926	1.69	Ovary	3L:-:37669513-37669466	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_45935	MREEGFVSGTDDVR	AGAP012103-PA	M1(Oxidation)	48	0.000142236	1	1613.717	-3.28	Head	3L:-:37668937-37668896	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_51419	ILEVMQQEANSTNKGEICLK	AGAP012103-PA	M5(Oxidation), C18(Carbamidomethyl)	85	5.02E-08	1	2321.148	0.21	Ovary	3L:-:37669660-37669601	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_52023	FSGASVK	AGAP012103-PA	-	38	0.001069498	1	695.374	2.3	Malpighian tubule	3L:-:37669069-37669049	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_52734	QGSTIRHITQQSR	AGAP012103-PA	-	36	0.002654241	1	1511.807	2.37	Malpighian tubule	3L:-:37669798-37669760	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_55849	AVAGLNGVDFDGSK	AGAP012103-PA	N6(Deamidated)	81	1.25E-07	2	1349.669	-0.13	Ovary	3L:-:37670005-37669964	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_59829	AVAGLNGVDFDGSK	AGAP012103-PA	N6(Deamidated)	82	1.13E-07	2	1349.674	3.49	Malpighian tubule	3L:-:37670005-37669964	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_61067	ILAHNNLIGR	AGAP012103-PA	-	68	6.09E-07	2	1120.663	3.72	Ovary	3L:-:37669600-37669571	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_64153	LLVELSDSNK	AGAP012103-PA	-	54	4.43E-05	2	1117.610	-0.28	Salivary gland	3L:-:37669963-37669934	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_65032	VLVQSEMVGAIIGR	AGAP012103-PA	M7(Oxidation)	116	2.34E-11	1	1487.825	0.25	Ovary	3L:-:37669840-37669799	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_65566	ILAHNNLIGR	AGAP012103-PA	-	44	0.000147591	2	1120.659	0.12	Salivary gland	3L:-:37669600-37669571	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_65573	LTVEIFVPSAQVGR	AGAP012103-PA	-	38	0.001020052	1	1515.856	2.28	Salivary gland	3L:-:37668895-37669163,37668648-37668789	exon=> In CDS Exon 3 and 2 of transcript AGAP012103-PA

JHU_Ag_68164	LTVEIFVPSAQVGR	AGAP012103-PA	-	61	5.19E-06	2	1515.853	-0.29	Ovary	3L:-:37668895-37669163,37668648-37668789	exon=> In CDS Exon 3 and 2 of transcript AGAP012103-PA
JHU_Ag_74615	DNVGSVEK	AGAP012103-PA	-	42	0.001203457	1	847.416	0.89	Ovary	3L:-:37669735-37669712	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_83358	LPEHTASAPVDEETTVHIIGPFFSVQSAQR	AGAP012103-PA	-	118	1.44E-11	1	3263.650	4.98	Visceras	3L:-:37668725-37668797,37666359-37666548	exon=> In CDS Exon 4 and 3 of transcript AGAP012103-PA
JHU_Ag_85209	LPEHTASAPVDEETTVHIIGPFFSVQSAQR	AGAP012103-PA	-	101	7.44E-10	1	3263.647	4.08	Head	3L:-:37668725-37668797,37666359-37666548	exon=> In CDS Exon 4 and 3 of transcript AGAP012103-PA
JHU_Ag_85737	GSIENMSKGESQISAK	AGAP012103-PA	M6(Oxidation)	59	2.00E-05	2	1665.816	3.09	Malpighian tubule	3L:-:37669450-37669403	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_86642	AITIYGNPENCTMACK	AGAP012103-PA	C11(Carbamidomethyl), C15(Carbamidomethyl),"C 11(Carbamidomethyl), M13(Oxidation), C15(Carbamidomethyl)"	78	1.60E-07	2	1842.826	4.32	Malpighian tubule	3L:-:37669711-37669664	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_89326	SQYGAGMPGGGGPGR	AGAP012103-PA	M7(Oxidation)	90	7.19E-09	1	1364.606	3.21	Ovary	3L:-:37669906-37669862	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_95021	VTGSIIKLPEHTASAPVDEETTVHIIGPFFSVQSAQR	AGAP012103-PA	-	89	5.32E-09	1	3962.079	3.16	Malpighian tubule	3L:-:37668746-37668797,37666359-37666548	exon=> In CDS Exon 4 and 3 of transcript AGAP012103-PA
JHU_Ag_97350	AQYLIFEK	AGAP012103-PA	-	52	4.24E-05	1	1011.552	0.68	Ovary	3L:-:37668961-37668938	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_97443	AQYLIFEK	AGAP012103-PA	-	54	2.95E-05	1	1011.551	0.2	Salivary gland	3L:-:37668961-37668938	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_98444	IAPLEADKPQEQQTER	AGAP012103-PA	-	73	6.64E-07	1	1852.940	-0.28	Male reproductive organs	3L:-:37669048-37669001	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_99101	ILAHNNLIGR	AGAP012103-PA	-	70	3.65E-07	1	1120.662	3.28	Malpighian tubule	3L:-:37669600-37669571	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_99171	VLVQSEMVGAIIGR	AGAP012103-PA	M7(Oxidation)	61	7.54E-06	2	1487.826	0.66	Salivary gland	3L:-:37669840-37669799	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_99774	TMMLATNPPPVTK	AGAP012103-PA	M2(Oxidation), M3(Oxidation)	75	6.58E-07	2	1432.722	3.35	Malpighian tubule	3L:-:37666538-37666500	exon=> In CDS Exon 4 of transcript AGAP012103-PA
JHU_Ag_99997	NIIRFSGASVK	AGAP012103-PA	N1(Deamidated)	41	0.000440952	1	1192.673	3.68	Malpighian tubule	3L:-:37669081-37669049	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_100092	AVAGLNGVDFDGSK	AGAP012103-PA	-	48	0.000286443	2	1349.670	0.05	Visceras	3L:-:37670005-37669964	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_100249	LPEHTASAPVDEETTVHIIGPFFSVQSAQR	AGAP012103-PA	-	147	2.50E-14	1	3263.634	0.26	Ovary	3L:-:37668725-37668797,37666359-37666548	exon=> In CDS Exon 4 and 3 of transcript AGAP012103-PA
JHU_Ag_100462	AITIYGNPENCTMACKK	AGAP012103-PA	C11(Carbamidomethyl), C15(Carbamidomethyl)	52	7.48E-05	1	1970.920	3.24	Malpighian tubule	3L:-:37669711-37669661	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_101747	SQYGAGMPGGGGPGR	AGAP012103-PA	M7(Oxidation)	35	0.002528109	2	1364.606	3.84	Head	3L:-:37669906-37669862	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_102269	ITVSSINDISSFNLER	AGAP012103-PA	-	123	6.19E-12	1	1794.929	2.98	Head	3L:-:37669513-37669466	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_105719	KVTIIGTPEAQWK	AGAP012103-PA	-	75	2.53E-07	1	1470.832	0.1	Ovary	3L:-:37669000-37668962	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_108402	AQYLIFEK	AGAP012103-PA	-	38	0.001082256	2	1011.554	3.4	Malpighian tubule	3L:-:37668961-37668938	exon=> In CDS Exon 2 of transcript AGAP012103-PA

JHU_Ag_108660	TMMLATNPPPVTK	AGAP012103-PA	M2(Oxidation), M3(Oxidation)	50	0.000203008	2	1432.716	-0.73	Salivary gland	3L:-:37666538-37666500	exon=> In CDS Exon 4 of transcript AGAP012103-PA
JHU_Ag_110975	QTDFPLRVLVQSEMVGAIIGR	AGAP012103-PA	M14(Oxidation)	55	1.92E-05	1	2345.278	5.51	Malpighian tubule	3L:-:37669861-37669799	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_112394	IMQDTDTKITVSSINDISSFNLER	AGAP012103-PA	M2(Oxidation)	60	1.34E-05	3	2743.360	5.15	Malpighian tubule	3L:-:37669537-37669466	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_113692	ITVSSINDISSFNLER	AGAP012103-PA	-	103	6.42E-10	1	1794.934	5.9	Malpighian tubule	3L:-:37669513-37669466	exon=> In CDS Exon 1 of transcript AGAP012103-PA
JHU_Ag_114563	KVTIIGTPEAQWK	AGAP012103-PA	-	50	6.75E-05	1	1470.836	3.01	Salivary gland	3L:-:37669000-37668962	exon=> In CDS Exon 2 of transcript AGAP012103-PA
JHU_Ag_5237	VDVHRK	AGAP012103-PA,AGAP003872-PA	-	30	0.003891061	2	753.437	0.08	Ovary	3L:-:37669753-37669736;2R:+:44850939-44850956	exon=> In CDS Exon 1 of transcript AGAP012103-PA;exon=> In CDS Exon 2 of transcript AGAP003872-PA
JHU_Ag_10316	HLRLLK	AGAP012104-PA	-	19	0.009080087	1	779.517	-10.84	Ovary	3L:+:37739476-37739493	exon=> In CDS Exon 1 of transcript AGAP012104-PA
JHU_Ag_54596	QLLLGIQDLLNEPNIK	AGAP012107-PA	Q1(Deamidated), N11(Deamidated)	76	5.64E-08	2	1821.051	1.36	Head	3L:-:37745850-37745803	exon=> In CDS Exon 3 of transcript AGAP012107-PA
JHU_Ag_108287	QLLLGIQDLLNEPNIK	AGAP012107-PA	-	105	8.15E-11	1	1821.048	-0.12	Ovary	3L:-:37745850-37745803	exon=> In CDS Exon 3 of transcript AGAP012107-PA
JHU_Ag_6778	AQQWGVPYVETSAK	AGAP012108-PA	-	61	1.56E-05	1	1563.781	0.68	Head	3L:+:37749086-37749127	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_7703	NDENIPFLLVGNK	AGAP012108-PA	-	79	1.88E-07	2	1472.778	2.67	Head	3L:+:37748996-37749034	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_17959	VKNDENIPFLLVGNK	AGAP012108-PA	-	94	2.41E-09	2	1699.941	1.63	Male reproductive organs	3L:+:37748990-37749034	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_18543	AQQWGVPYVETSAK	AGAP012108-PA	-	52	0.000101619	2	1563.778	-1.2	Midgut	3L:+:37749086-37749127	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_21996	VFFDLMR	AGAP012108-PA	-	50	8.75E-05	1	927.477	1.13	Head	3L:+:37750236-37750256	exon=> In CDS Exon 4 of transcript AGAP012108-PA
JHU_Ag_25116	VKNDENIPFLLVGNK	AGAP012108-PA	-	72	4.31E-07	2	1699.932	-3.4	Midgut	3L:+:37748990-37749034	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_29697	VKNDENIPFLLVGNK	AGAP012108-PA	-	106	1.65E-10	1	1699.940	1.2	Visceras	3L:+:37748990-37749034	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_46280	NDENIPFLLVGNK	AGAP012108-PA	-	72	8.37E-07	2	1472.773	-0.65	Midgut	3L:+:37748996-37749034	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_52669	VKNDENIPFLLVGNK	AGAP012108-PA	-	110	6.99E-11	1	1699.936	-1.17	Head	3L:+:37748990-37749034	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_54673	AQQWGVPYVETSAK	AGAP012108-PA	-	73	9.01E-07	1	1563.781	0.52	Male reproductive organs	3L:+:37749086-37749127	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_84727	AQQWGVPYVETSAK	AGAP012108-PA	-	48	0.000278013	1	1563.779	-0.57	Salivary gland	3L:+:37749086-37749127	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_86062	VIMVGSGGVGK	AGAP012108-PA	M3(Oxidation)	54	5.28E-05	1	1019.557	1.08	Male reproductive organs	3L:+:37748161-37748193	exon=> In CDS Exon 1 of transcript AGAP012108-PA
JHU_Ag_92352	KVPLAECQSR	AGAP012108-PA	C7(Carbamidomethyl)	59	2.23E-05	1	1187.621	0.3	Malpighian tubule	3L:+:37749056-37749085	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_102430	KPTTGPALHK	AGAP012108-PA	-	66	9.40E-07	1	1049.606	-3.86	Head	3L:+:37748131-37748160	exon=> In CDS Exon 1 of transcript AGAP012108-PA
JHU_Ag_103652	AQQWGVPYVETSAK	AGAP012108-PA	-	64	7.07E-06	1	1563.786	3.56	Malpighian tubule	3L:+:37749086-37749127	exon=> In CDS Exon 3 of transcript AGAP012108-PA
JHU_Ag_106759	DNYFR	AGAP012108-PA	-	31	0.002657535	1	714.320	-0.21	Midgut	3L:+:37748662-37748676	exon=> In CDS Exon 2 of transcript AGAP012108-PA
JHU_Ag_110755	VIMVGSGGVGK	AGAP012108-PA	M3(Oxidation)	46	0.000382718	1	1019.555	-0.84	Head	3L:+:37748161-37748193	exon=> In CDS Exon 1 of transcript AGAP012108-PA
JHU_Ag_86086	EHILFDHLNLNNLFFTPTPK	AGAP012109-PA	-	56	1.97E-05	1	2410.274	7.69	Ovary	3L:-:37754686-37754627	exon=> In CDS Exon 1 of transcript AGAP012109-PA

JHU_Ag_5208	KLILEK	AGAP012111-PA	-	32	0.002600347	1	743.514	14.8	Head	3L:-:37762818-37762801	exon=> In CDS Exon 1 of transcript AGAP012111-PA
JHU_Ag_38058	IAPEFYDNIPQHTSWTR	AGAP012111-PA	-	47	0.000305007	1	2075.002	1.95	Salivary gland	3L:-:37762053-37762003	exon=> In CDS Exon 2 of transcript AGAP012111-PA
JHU_Ag_45026	VLYDFITDPSVGPYAR	AGAP012111-PA	-	82	7.27E-08	2	1812.929	6.63	Malpighian tubule	3L:-:37762002-37761955	exon=> In CDS Exon 2 of transcript AGAP012111-PA
JHU_Ag_65426	IAPEFYDNIPQHTSWTR	AGAP012111-PA	-	66	4.34E-06	1	2075.002	2.08	Malpighian tubule	3L:-:37762053-37762003	exon=> In CDS Exon 2 of transcript AGAP012111-PA
JHU_Ag_88066	VLYDFITDPSVGPYAR	AGAP012111-PA	-	99	1.72E-09	1	1812.917	0.03	Midgut	3L:-:37762002-37761955	exon=> In CDS Exon 2 of transcript AGAP012111-PA
JHU_Ag_89806	IAPEFYDNIPQHTSWTR	AGAP012111-PA	-	63	8.55E-06	2	2075.001	1.13	Midgut	3L:-:37762053-37762003	exon=> In CDS Exon 2 of transcript AGAP012111-PA
JHU_Ag_1320	NFPVAHGPTTPETLLK	AGAP012113-PA	-	68	1.56E-06	1	1721.921	-0.92	Male reproductive organs	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_4547	SLFFTR	AGAP012113-PA	-	30	0.004078199	2	770.421	1.22	Pupa	3L:-:37765678-37765661	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_8241	QFVHNACGTIAVIHAILNNPDIEVTEGSVLK	AGAP012113-PA	C7(Carbamidomethyl)	113	3.12E-11	1	3359.755	4.01	Visceras	3L:-:37765660-37765568	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_11910	AKQDEELK	AGAP012113-PA	Q3(Deamidated)	45	0.000690193	1	961.487	2.96	Male reproductive organs	3L:-:37765726-37765703	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_16362	SLIFLFPCSK	AGAP012113-PA	C8(Carbamidomethyl)	65	2.61E-06	2	1211.650	0.2	Male reproductive organs	3L:-:37765850-37765821	exon=> In CDS Exon 2 of transcript AGAP012113-PA
JHU_Ag_26026	SLIFLFPCSK	AGAP012113-PA	C8(Carbamidomethyl)	41	0.000564767	1	1211.658	7.51	Ovary	3L:-:37765850-37765821	exon=> In CDS Exon 2 of transcript AGAP012113-PA
JHU_Ag_26946	SLIFLFPCSK	AGAP012113-PA	C8(Carbamidomethyl)	38	0.001064972	2	1211.655	4.53	Pupa	3L:-:37765850-37765821	exon=> In CDS Exon 2 of transcript AGAP012113-PA
JHU_Ag_32870	AHEEFR	AGAP012113-PA	-	31	0.004261919	1	788.370	1.89	Malpighian tubule	3L:-:37765820-37765958,37765232-37765727	exon=> In CDS Exon 3 and 2 of transcript AGAP012113-PA
JHU_Ag_34330	QFVHNACGTIAVIHAILNNPDIEVTEGSVLKK	AGAP012113-PA	C7(Carbamidomethyl)	85	1.17E-08	1	3487.846	2.62	Malpighian tubule	3L:-:37765660-37765565	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_36725	NFPVAHGPTTPETLLK	AGAP012113-PA	-	81	6.70E-08	1	1721.922	0.07	Pupa	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_41649	NFPVAHGPTTPETLLK	AGAP012113-PA	-	80	8.42E-08	1	1721.925	1.42	Ovary	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_42814	SLIFLFPCSK	AGAP012113-PA	C8(Carbamidomethyl)	51	5.47E-05	1	1211.653	2.92	Visceras	3L:-:37765850-37765821	exon=> In CDS Exon 2 of transcript AGAP012113-PA
JHU_Ag_46000	NFPVAHGPTTPETLLKDSIK	AGAP012113-PA	-	79	9.27E-08	1	2165.159	-0.65	Head	3L:-:37765366-37765307	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_48635	QFIELDPSEVR	AGAP012113-PA	-	51	0.000154888	2	1332.683	2.4	Male reproductive organs	3L:-:37765297-37765265	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_51982	NFPVAHGPTTPETLLK	AGAP012113-PA	-	67	1.45E-06	1	1721.932	5.53	Larva	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_54947	NFPVAHGPTTPETLLK	AGAP012113-PA	-	76	2.09E-07	2	1721.929	3.75	Midgut	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_56523	QFIELDPSEVR	AGAP012113-PA	-	50	0.000190993	1	1332.682	2.21	Ovary	3L:-:37765297-37765265	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_58025	QFIELDPSEVR	AGAP012113-PA	-	68	3.46E-06	1	1332.681	1.21	Head	3L:-:37765297-37765265	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_59693	QFVHNACGTIAVIHAILNNPDIEVTEGSVLKK	AGAP012113-PA	C7(Carbamidomethyl)	174	1.91E-17	1	3487.838	0.44	Head	3L:-:37765660-37765565	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_60603	GELLNKSEEFK	AGAP012113-PA	-	64	6.20E-06	1	1293.667	-1.09	Head	3L:-:37765525-37765493	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_72273	NFPVAHGPTTPETLLK	AGAP012113-PA	-	88	1.22E-08	1	1721.925	1.42	Visceras	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA

JHU_Ag_74194	KNFPVAHGPTTPETLLK	AGAP012113-PA	-	80	7.04E-08	1	1850.016	-0.44	Head	3L:-:37765369-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_78267	NFPVAHGPTTPETLLK	AGAP012113-PA	-	99	1.03E-09	1	1721.932	5.46	Head	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_81212	QFIELDPSEVR	AGAP012113-PA	-	44	0.000872705	2	1332.683	2.85	Pupa	3L:-:37765297-37765265	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_82286	QFVHNACGTIAVIHAILNNPDIEVTEGSVLK	AGAP012113-PA	C7(Carbamidomethyl)	109	8.05E-11	1	3359.749	2.12	Head	3L:-:37765660-37765568	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_83905	QFVHNACGTIAVIHAILNNPDIEVTEGSVLK	AGAP012113-PA	C7(Carbamidomethyl)	117	1.37E-11	1	3359.740	-0.56	Ovary	3L:-:37765660-37765568	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_97209	AHEEFR	AGAP012113-PA	-	33	0.002324027	1	788.365	-4.92	Head	3L:-:37765820-37765958,37765232-37765727	exon=> In CDS Exon 3 and 2 of transcript AGAP012113-PA
JHU_Ag_100667	NFPVAHGPTTPETLLK	AGAP012113-PA	-	67	1.50E-06	1	1721.923	0.49	Malpighian tubule	3L:-:37765366-37765319	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_103318	SLIFLFPCSK	AGAP012113-PA	C8(Carbamidomethyl)	50	7.87E-05	2	1211.653	3.42	Malpighian tubule	3L:-:37765850-37765821	exon=> In CDS Exon 2 of transcript AGAP012113-PA
JHU_Ag_105455	SLIFLFPCSK	AGAP012113-PA	C8(Carbamidomethyl)	59	8.98E-06	1	1211.650	0.7	Head	3L:-:37765850-37765821	exon=> In CDS Exon 2 of transcript AGAP012113-PA
JHU_Ag_106949	QFVHNACGTIAVIHAILNNPDIEVTEGSVLK	AGAP012113-PA	C7(Carbamidomethyl)	37	0.001302807	1	3359.758	4.89	Malpighian tubule	3L:-:37765660-37765568	exon=> In CDS Exon 3 of transcript AGAP012113-PA
JHU_Ag_2617	FWYGGQAIALSK	AGAP012115-PA	-	62	8.06E-06	2	1340.703	2.51	Head	3L:-:37779598-37779563	exon=> In CDS Exon 5 of transcript AGAP012115-PA
JHU_Ag_8308	ALQQNGHIVGMTGDGVNDGVALK	AGAP012115-PA	M11(Oxidation)	79	1.75E-07	1	2310.164	5.81	Head	3L:-:37775177-37775109	exon=> In CDS Exon 6 of transcript AGAP012115-PA
JHU_Ag_16512	QNEAEFLQEAYEIGR	AGAP012115-PA	-	103	7.56E-10	2	1796.848	1.69	Head	3L:-:37779562-37779518	exon=> In CDS Exon 5 of transcript AGAP012115-PA
JHU_Ag_39952	NGQYSAADNYLR	AGAP012115-PA	-	40	0.000796324	2	1371.629	0.29	Head	3L:-:37779766-37779731	exon=> In CDS Exon 5 of transcript AGAP012115-PA
JHU_Ag_1195	VNFVEAFTR	AGAP012118-PA	-	53	5.64E-05	2	1082.564	0.51	Ovary	3L:+:37831978-37832004	exon=> In CDS Exon 1 of transcript AGAP012118-PA
JHU_Ag_59112	YAIASTPAPPPQAAVYVR	AGAP012124-PA	-	92	5.04E-09	1	1872.006	2.36	Ovary	3L:+:37857811-37857864	exon=> In CDS Exon 2 of transcript AGAP012124-PA
JHU_Ag_260	SISISDPEDEEGIKK	AGAP012126-PA	-	71	1.34E-06	1	1646.814	1.43	Malpighian tubule	3L:-:37914575-37914531	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_1725	FGQLSSSVLK	AGAP012126-PA	-	55	1.93E-05	2	1065.594	0.1	Ovary	3L:-:37914198-37914169	exon=> In CDS Exon 4 of transcript AGAP012126-PA
JHU_Ag_3694	FIDDHVPR	AGAP012126-PA	-	54	3.92E-05	1	998.502	-3.21	Head	3L:-:37914014-37913991	exon=> In CDS Exon 5 of transcript AGAP012126-PA
JHU_Ag_14232	SISISDPEDEEGIK	AGAP012126-PA	-	81	1.34E-07	1	1518.721	2.6	Head	3L:-:37914575-37914534	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_17848	LNSWFDLK	AGAP012126-PA	-	46	0.000325939	2	1022.529	-1.41	Midgut	3L:-:37914599-37914576	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_21902	YVHELIQSEMK	AGAP012126-PA	M10(Oxidation)	86	4.07E-08	1	1392.682	-0.64	Midgut	3L:-:37914521-37914489	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_24998	NSHFQTYQGLGHSSCDAELSDMK	AGAP012126-PA	C15(Carbamidomethyl), M22(Oxidation)	85	1.62E-08	1	2628.113	1.42	Head	3L:-:37914156-37914088	exon=> In CDS Exon 4 of transcript AGAP012126-PA
JHU_Ag_26831	CPDTVPVLQCHGDCDPIVFYK	AGAP012126-PA	C1(Carbamidomethyl), C10(Carbamidomethyl), C14(Carbamidomethyl)	52	7.80E-05	1	2520.149	5.14	Head	3L:-:37914332-37914702,37914088-37914199	exon=> In CDS Exon 4 and 3 of transcript AGAP012126-PA
JHU_Ag_36652	YVHELIQSEMK	AGAP012126-PA	M10(Oxidation)	38	0.002541966	1	1392.684	0.49	Ovary	3L:-:37914521-37914489	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_44981	AAAPVIIPSVAK	AGAP012126-PA	N-Term(Acetyl)	62	7.53E-07	2	1178.716	1.03	Visceras	3L:-:37915695-37915660	exon=> In CDS Exon 1 of transcript AGAP012126-PA

JHU_Ag_48232	LNSWFDLK	AGAP012126-PA	-	55	4.01E-05	2	1022.529	-1.65	Head	3L:-:37914599-37914576	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_48743	FGQLSSSVLK	AGAP012126-PA	-	53	3.78E-05	2	1065.591	-2.42	Head	3L:-:37914198-37914169	exon=> In CDS Exon 4 of transcript AGAP012126-PA
JHU_Ag_52517	SISISDPEDEEGIKK	AGAP012126-PA	-	67	3.56E-06	1	1646.811	-0.5	Head	3L:-:37914575-37914531	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_57809	AGILSNR	AGAP012126-PA	-	42	0.001434 05	2	730.420	-1.02	Visceras	3L:-:37914488-37914468	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_59028	HTSTLIFLHGLGDTGHGWATSMGALR	AGAP012126-PA	M22(Oxidation)	58	2.21E-05	1	2752.375	4.59	Malpighian tubule	3L:-:37915659-37915698,37914315-37914669	exon=> In CDS Exon 3 and 1 of transcript AGAP012126-PA
JHU_Ag_61821	LNSWFDLK	AGAP012126-PA	-	44	0.000535 965	2	1022.529	-1.23	Male reproductive organs	3L:-:37914599-37914576	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_67822	AAAPVIIPSVAK	AGAP012126-PA	N-Term(Acetyl)	64	6.12E-07	1	1178.713	-1.49	Head	3L:-:37915695-37915660	exon=> In CDS Exon 1 of transcript AGAP012126-PA
JHU_Ag_68357	SISISDPEDEEGIKK	AGAP012126-PA	-	61	1.20E-05	2	1646.815	2.1	Visceras	3L:-:37914575-37914531	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_68402	FGQLSSSVLK	AGAP012126-PA	-	60	7.34E-06	2	1065.594	-0.24	Visceras	3L:-:37914198-37914169	exon=> In CDS Exon 4 of transcript AGAP012126-PA
JHU_Ag_69128	VICPTAPNMPVTMNGGFR	AGAP012126-PA	C3(Carbamidomethyl), M9(Oxidation), M13(Oxidation),"C3(Carbamidomethyl), M13(Oxidation)"	63	7.97E-06	1	1993.925	-2.2	Head	3L:-:37914653-37914600	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_70511	HTSTLIFLHGLGDTGHGWATSMGALR	AGAP012126-PA	-	85	3.83E-08	1	2736.381	4.9	Head	3L:-:37915659-37915698,37914315-37914669	exon=> In CDS Exon 3 and 1 of transcript AGAP012126-PA
JHU_Ag_70891	LNSWFDLK	AGAP012126-PA	-	41	0.000879 818	2	1022.533	1.87	Visceras	3L:-:37914599-37914576	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_75339	AAAPVIIPSVAK	AGAP012126-PA	N-Term(Acetyl)	77	2.65E-08	2	1178.715	0.2	Male reproductive organs	3L:-:37915695-37915660	exon=> In CDS Exon 1 of transcript AGAP012126-PA
JHU_Ag_81114	VICPTAPNMPVTMNGGFR	AGAP012126-PA	C3(Carbamidomethyl), M9(Oxidation), M13(Oxidation), N14(Deamidated)	49	0.000162 187	2	1994.912	-0.74	Male reproductive organs	3L:-:37914653-37914600	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_83369	AAAPVIIPSVAK	AGAP012126-PA	N-Term(Acetyl)	58	1.83E-06	1	1178.717	2.34	Midgut	3L:-:37915695-37915660	exon=> In CDS Exon 1 of transcript AGAP012126-PA
JHU_Ag_87296	YVHELIQSEMK	AGAP012126-PA	M10(Oxidation)	93	8.13E-09	1	1392.680	-2.13	Head	3L:-:37914521-37914489	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_89760	AAAPVIIPSVAK	AGAP012126-PA	N-Term(Acetyl)	55	4.31E-06	1	1178.716	1.61	Malpighian tubule	3L:-:37915695-37915660	exon=> In CDS Exon 1 of transcript AGAP012126-PA
JHU_Ag_90429	SISISDPEDEEGIKK	AGAP012126-PA	-	43	0.000869 992	1	1646.813	0.39	Male reproductive organs	3L:-:37914575-37914531	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_91139	AAAPVIIPSVAK	AGAP012126-PA	N-Term(Acetyl)	41	0.000130 645	2	1178.714	-0.21	Ovary	3L:-:37915695-37915660	exon=> In CDS Exon 1 of transcript AGAP012126-PA
JHU_Ag_94654	FGQLSSSVLK	AGAP012126-PA	-	51	5.77E-05	2	1065.593	-0.7	Male reproductive organs	3L:-:37914198-37914169	exon=> In CDS Exon 4 of transcript AGAP012126-PA
JHU_Ag_95238	HTSTLIFLHGLGDTGHGWATSMGALR	AGAP012126-PA	M22(Oxidation)	106	3.59E-10	1	2736.356	-4.38	Midgut	3L:-:37915659-37915698,37914315-37914669	exon=> In CDS Exon 3 and 1 of transcript AGAP012126-PA
JHU_Ag_95296	LNSWFDLK	AGAP012126-PA	-	46	0.000254 588	2	1022.535	4.14	Malpighian tubule	3L:-:37914599-37914576	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_96963	VICPTAPNMPVTMNGGFR	AGAP012126-PA	C3(Carbamidomethyl), M9(Oxidation), M13(Oxidation), N14(Deamidated)	68	2.14E-06	1	1994.910	-1.84	Midgut	3L:-:37914653-37914600	exon=> In CDS Exon 3 of transcript AGAP012126-PA

JHU_Ag_101295	YVHELIQSEMK	AGAP012126-PA	M10(Oxidation)	63	9.20E-06	2	1392.686	2.43	Malpighian tubule	3L:-:37914521-37914489	exon=> In CDS Exon 3 of transcript AGAP012126-PA
JHU_Ag_111752	FIDDHVPRQ	AGAP012126-PA	-	57	2.17E-05	1	1126.564	-0.23	Visceras	3L:-:37914014-37913988	exon=> In CDS Exon 5 of transcript AGAP012126-PA
JHU_Ag_112564	FIDDHVPRQ	AGAP012126-PA	-	44	0.000384974	1	1126.566	1.39	Malpighian tubule	3L:-:37914014-37913988	exon=> In CDS Exon 5 of transcript AGAP012126-PA
JHU_Ag_113489	FIDDHVPRQ	AGAP012126-PA	-	40	0.000979123	2	1126.564	-0.45	Male reproductive organs	3L:-:37914014-37913988	exon=> In CDS Exon 5 of transcript AGAP012126-PA
JHU_Ag_116884	FGQLSSSVLK	AGAP012126-PA	-	44	0.000250348	1	1065.594	0.52	Midgut	3L:-:37914198-37914169	exon=> In CDS Exon 4 of transcript AGAP012126-PA
JHU_Ag_9357	SASEGPSKVEFK	AGAP012129-PA	N-Term(Acetyl)	48	0.000247349	1	1307.650	1.43	Visceras	3L:+:37935007-37935042	exon=> In CDS Exon 1 of transcript AGAP012129-PA
JHU_Ag_29375	LIEQQNLQR	AGAP012129-PA	-	42	0.000523151	1	1141.634	1.22	Malpighian tubule	3L:+:37935094-37935120	exon=> In CDS Exon 1 of transcript AGAP012129-PA
JHU_Ag_51405	SASEGPSKVEFK	AGAP012129-PA	N-Term(Acetyl)	65	5.91E-06	1	1307.647	-0.34	Male reproductive organs	3L:+:37935007-37935042	exon=> In CDS Exon 1 of transcript AGAP012129-PA
JHU_Ag_76256	SASEGPSKVEFK	AGAP012129-PA	N-Term(Acetyl)	46	0.000406928	1	1307.646	-1.18	Head	3L:+:37935007-37935042	exon=> In CDS Exon 1 of transcript AGAP012129-PA
JHU_Ag_305	LQQAHLQTTPK	AGAP012134-PA	-	56	1.55E-05	2	1264.705	2.99	Malpighian tubule	3L:-:37997333-37997301	exon=> In CDS Exon 1 of transcript AGAP012134-PA
JHU_Ag_3410	VLATTNQIATIYDINTGQK	AGAP012134-PA	-	83	4.51E-08	2	2064.099	0.7	Midgut	3L:-:37993985-37994255,37993229-37993838	exon=> In CDS Exon 6 and 5 of transcript AGAP012134-PA
JHU_Ag_7200	SNNGILVLLALMR	AGAP012134-PA	M12(Oxidation)	36	0.000931211	2	1429.826	4.53	Ovary	3L:-:37995717-37995679	exon=> In CDS Exon 2 of transcript AGAP012134-PA
JHU_Ag_9123	LGGVQLLLR	AGAP012134-PA	-	79	8.71E-09	2	968.629	3.71	Ovary	3L:-:37996163-37996137	exon=> In CDS Exon 1 of transcript AGAP012134-PA
JHU_Ag_11043	ESGLSASLFQQLPNPPASALSR	AGAP012134-PA	-	35	0.003996855	1	2270.181	1.37	Ovary	3L:-:37995199-37995134	exon=> In CDS Exon 3 of transcript AGAP012134-PA
JHU_Ag_26712	YPISALWNLEDNQISEK	AGAP012134-PA	-	73	8.74E-07	2	2020.001	-0.86	Ovary	3L:-:37994090-37994040	exon=> In CDS Exon 5 of transcript AGAP012134-PA
JHU_Ag_42791	SNNGILVLLALMR	AGAP012134-PA	M12(Oxidation)	73	2.21E-07	2	1429.825	3.5	Malpighian tubule	3L:-:37995717-37995679	exon=> In CDS Exon 2 of transcript AGAP012134-PA
JHU_Ag_45173	LAELFETEMEAYR	AGAP012134-PA	M9(Oxidation)	50	0.000116527	2	1617.745	-0.87	Ovary	3L:-:37997795-37997757	exon=> In CDS Exon 1 of transcript AGAP012134-PA
JHU_Ag_45330	AHWAPVDELLK	AGAP012134-PA	-	36	0.003137446	2	1278.686	1.6	Ovary	3L:-:37996196-37996164	exon=> In CDS Exon 1 of transcript AGAP012134-PA
JHU_Ag_49070	LAELFETEMEAYR	AGAP012134-PA	M9(Oxidation)	37	0.002230108	2	1617.756	6.07	Malpighian tubule	3L:-:37997795-37997757	exon=> In CDS Exon 1 of transcript AGAP012134-PA
JHU_Ag_62795	SALALLVHLVCAPIHRPSGSLAR	AGAP012134-PA	C11(Carbamidomethyl)	105	4.51E-11	1	2438.391	3.74	Ovary	3L:-:37995861-37995793	exon=> In CDS Exon 2 of transcript AGAP012134-PA
JHU_Ag_64946	SAASLHSPFVFR	AGAP012134-PA	-	36	0.003453518	2	1318.691	0.6	Ovary	3L:-:37995133-37995098	exon=> In CDS Exon 3 of transcript AGAP012134-PA
JHU_Ag_72373	VLATTNQIATIYDINTGQK	AGAP012134-PA	-	43	0.000375566	2	2064.108	5.43	Malpighian tubule	3L:-:37993985-37994255,37993229-37993838	exon=> In CDS Exon 6 and 5 of transcript AGAP012134-PA
JHU_Ag_77801	LLLTTAVWR	AGAP012134-PA	-	34	0.000871387	2	1072.654	2.64	Salivary gland	3L:-:37994117-37994091	exon=> In CDS Exon 5 of transcript AGAP012134-PA
JHU_Ag_88732	HTGSSTGGSQNGHHPAANR	AGAP012134-PA	N11(Deamidated)	70	9.41E-07	1	1873.829	0.28	Ovary	3L:-:37994830-37994774	exon=> In CDS Exon 3 of transcript AGAP012134-PA
JHU_Ag_93108	IQFNEQQLYQLIYQHLIASGLK	AGAP012134-PA	-	65	1.22E-06	1	2647.443	6.93	Ovary	3L:-:37995289-37995224	exon=> In CDS Exon 3 of transcript AGAP012134-PA
JHU_Ag_102812	IFNLNDSNEEHSYTCHETAVTSTK	AGAP012134-PA	C15(Carbamidomethyl)	86	1.86E-08	1	2797.246	3.07	Ovary	3L:-:37994207-37994136	exon=> In CDS Exon 5 of transcript AGAP012134-PA
JHU_Ag_105342	QQEPSGTLTQPVFK	AGAP012134-PA	-	51	0.000109356	2	1559.815	5.15	Malpighian tubule	3L:-:37996307-37996266	exon=> In CDS Exon 1 of transcript AGAP012134-PA

JHU_Ag_107401	VDTFGNQVDTSLSDIHK	AGAP012134-PA	-	35	0.004715024	1	1875.917	4.78	Ovary	3L:-:37995364-37995314	exon=> In CDS Exon 3 of transcript AGAP012134-PA
JHU_Ag_109595	VLATTNQIATIYDINTGQK	AGAP012134-PA	-	72	6.45E-07	2	2064.095	-0.95	Ovary	3L:-:37993985-37994255,37993229-37993838	exon=> In CDS Exon 6 and 5 of transcript AGAP012134-PA
JHU_Ag_115565	YPISALWNLEDNQISEK	AGAP012134-PA	-	72	1.10E-06	2	2020.005	1.2	Midgut	3L:-:37994090-37994040	exon=> In CDS Exon 5 of transcript AGAP012134-PA
JHU_Ag_4202	GVLDVSNSFAVPFDEDDKDK	AGAP012135-PA	-	94	4.70E-09	2	2197.031	0.53	Male reproductive organs	3L:-:38000346-38000487,37999396-38000212	exon=> In CDS Exon 2 and 1 of transcript AGAP012135-PA
JHU_Ag_4239	VIVHPLVLLSVVDHFNR	AGAP012135-PA	-	108	2.09E-11	1	1957.138	-0.02	Malpighian tubule	3L:-:38000460-38000410	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_6898	SIIALHNLINNK	AGAP012135-PA	-	62	1.27E-06	2	1349.794	2.77	Malpighian tubule	3L:-:37999605-37999570	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_7485	DLGLPTEAYIAVEEVHDDGSPTSK	AGAP012135-PA	-	38	0.002545025	1	2543.217	0.77	Male reproductive organs	3L:-:38000019-37999948	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_12723	VVGVLLGCWR	AGAP012135-PA	C8(Carbamidomethyl)	59	1.72E-05	1	1158.645	0.03	Male reproductive organs	3L:-:38000382-38000353	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_14476	VIVHPLVLLSVVDHFNR	AGAP012135-PA	-	27	0.002100839	1	1957.143	2.29	Visceras	3L:-:38000460-38000410	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_15209	ITNQLLGLK	AGAP012135-PA	-	46	9.21E-05	1	999.622	2	Salivary gland	3L:-:37999836-37999810	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_16385	DLGLPTEAYIAVEEVHDDGSPTSK	AGAP012135-PA	-	84	6.79E-08	2	2543.212	-0.96	Malpighian tubule	3L:-:38000019-37999948	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_17408	ITNQLLGLK	AGAP012135-PA	-	65	1.18E-06	1	999.621	1.15	Male reproductive organs	3L:-:37999836-37999810	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_17972	TFEHVPSEIGAEEAEEVGVEHLLR	AGAP012135-PA	-	100	1.31E-09	1	2677.310	-0.03	Head	3L:-:37999947-37999876	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_18569	SIIALHNLINNK	AGAP012135-PA	-	66	4.89E-07	2	1349.794	2.95	Larva	3L:-:37999605-37999570	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_20468	ITNQLLGLK	AGAP012135-PA	-	42	0.000251786	2	999.620	0.23	Ovary	3L:-:37999836-37999810	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_22685	VIVHPLVLLSVVDHFNR	AGAP012135-PA	-	115	3.38E-12	1	1957.143	2.28	Salivary gland	3L:-:38000460-38000410	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_23021	DIKDTTVGSLSQK	AGAP012135-PA	-	75	3.98E-07	1	1391.735	-2.1	Pupa	3L:-:37999875-37999837	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_24206	LCQNDIAINELIR	AGAP012135-PA	C2(Carbamidomethyl)	66	2.95E-06	2	1571.819	-1.54	Visceras	3L:-:38000106-38000068	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_24653	SIIALHNLINNK	AGAP012135-PA	-	93	1.03E-09	1	1349.788	-1.39	Salivary gland	3L:-:37999605-37999570	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_25821	GVLDVSNSFAVPFDEDDKDK	AGAP012135-PA	-	99	1.73E-09	1	2197.032	1.22	Ovary	3L:-:38000346-38000487,37999396-38000212	exon=> In CDS Exon 2 and 1 of transcript AGAP012135-PA
JHU_Ag_29530	TFEHVPSEIGAEEAEEVGVEHLLR	AGAP012135-PA	-	136	3.48E-13	1	2677.315	1.82	Male reproductive organs	3L:-:37999947-37999876	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_31709	DIKDTTVGSLSQK	AGAP012135-PA	-	83	5.74E-08	1	1391.738	0.44	Male reproductive organs	3L:-:37999875-37999837	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_33505	VVGVLLGCWR	AGAP012135-PA	C8(Carbamidomethyl)	45	0.000405902	2	1158.648	2.45	Pupa	3L:-:38000382-38000353	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_38007	VVGWYHTGPK	AGAP012135-PA	-	44	0.000487764	2	1143.596	0.8	Malpighian tubule	3L:-:38000136-38000107	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_38771	TFEHVPSEIGAEEAEEVGVEHLLR	AGAP012135-PA	-	123	7.13E-12	1	2677.332	8.18	Malpighian tubule	3L:-:37999947-37999876	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_38779	DLGLPTEAYIAVEEVHDDGSPTSK	AGAP012135-PA	-	100	1.47E-09	1	2543.209	-2.3	Pupa	3L:-:38000019-37999948	exon=> In CDS Exon 2 of transcript AGAP012135-PA

JHU_Ag_39439	DLGLPTEAYIAVEEVHDDGSPTSK	AGAP012135-PA	-	112	9.36E-11	1	2543.213	-0.67	Midgut	3L:-:38000019-37999948	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_41125	ITNQLLGLK	AGAP012135-PA	-	60	4.20E-06	2	999.621	0.84	Pupa	3L:-:37999836-37999810	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_41162	RYCPNSVLVIIDAKPK	AGAP012135-PA	C3(Carbamidomethyl)	94	1.97E-09	1	1873.041	2.37	Malpighian tubule	3L:-:38000067-38000020	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_41601	GLNAQLR	AGAP012135-PA	-	47	0.000141968	2	771.447	-0.88	Ovary	3L:-:37999809-37999789	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_42313	DIKDTTVGSLSQK	AGAP012135-PA	-	57	2.27E-05	2	1391.742	2.9	Salivary gland	3L:-:37999875-37999837	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_46791	ITNQLLGLK	AGAP012135-PA	-	71	2.89E-07	2	999.622	1.82	Malpighian tubule	3L:-:37999836-37999810	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_51433	TFEHVPSEIGAEEAEEVGVEHLLR	AGAP012135-PA	-	106	3.94E-10	1	2677.312	0.42	Pupa	3L:-:37999947-37999876	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_53411	SIIALHNLINNK	AGAP012135-PA	-	92	1.37E-09	1	1349.790	-0.03	Ovary	3L:-:37999605-37999570	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_53899	GLNAQLR	AGAP012135-PA	-	50	6.83E-05	2	771.450	4.26	Male reproductive organs	3L:-:37999809-37999789	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_55197	LCQNDIAINELIRR	AGAP012135-PA	C2(Carbamidomethyl)	37	0.002301618	1	1727.924	0.93	Malpighian tubule	3L:-:38000106-38000065	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_56092	VIVHPLVLLSVVDHFNR	AGAP012135-PA	-	121	9.20E-13	1	1957.141	1.16	Pupa	3L:-:38000460-38000410	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_57661	LCQNDIAINELIR	AGAP012135-PA	C2(Carbamidomethyl)	113	6.60E-11	1	1571.822	0.4	Male reproductive organs	3L:-:38000106-38000068	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_60464	LCQNDIAINELIR	AGAP012135-PA	C2(Carbamidomethyl)	95	4.33E-09	1	1571.823	1.25	Head	3L:-:38000106-38000068	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_62495	LCQNDIAINELIR	AGAP012135-PA	C2(Carbamidomethyl)	89	1.71E-08	2	1571.823	1.33	Malpighian tubule	3L:-:38000106-38000068	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_62548	SIIALHNLINNK	AGAP012135-PA	-	78	3.06E-08	2	1349.790	-0.03	Head	3L:-:37999605-37999570	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_63652	VVGVLLGCWR	AGAP012135-PA	C8(Carbamidomethyl)	57	2.42E-05	2	1158.648	2.24	Malpighian tubule	3L:-:38000382-38000353	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_64939	LCQNDIAINELIR	AGAP012135-PA	C2(Carbamidomethyl)	77	2.37E-07	1	1571.829	4.75	Midgut	3L:-:38000106-38000068	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_66329	RYCPNSVLVIIDAKPK	AGAP012135-PA	C3(Carbamidomethyl)	43	0.000229487	1	1873.035	-0.76	Midgut	3L:-:38000067-38000020	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_69001	GVLDVSNSFAVPFDEDDKDK	AGAP012135-PA	-	38	0.001949511	1	2197.034	1.97	Salivary gland	3L:-:38000346-38000487,37999396-38000212	exon=> In CDS Exon 2 and 1 of transcript AGAP012135-PA
JHU_Ag_72144	DLGLPTEAYIAVEEVHDDGSPTSK	AGAP012135-PA	-	88	2.35E-08	1	2543.215	0.1	Head	3L:-:38000019-37999948	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_73349	GVLDVSNSFAVPFDEDDKDK	AGAP012135-PA	-	101	1.15E-09	1	2197.031	0.53	Midgut	3L:-:38000346-38000487,37999396-38000212	exon=> In CDS Exon 2 and 1 of transcript AGAP012135-PA
JHU_Ag_73393	SIIALHNLINNKLTNR	AGAP012135-PA	-	31	0.001639659	1	1834.065	-0.29	Malpighian tubule	3L:-:37999605-37999558	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_73608	VVGWYHTGPK	AGAP012135-PA	-	48	0.000170216	2	1143.593	-1.55	Midgut	3L:-:38000136-38000107	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_74173	VIVHPLVLLSVVDHFNR	AGAP012135-PA	-	96	2.89E-10	1	1957.137	-0.61	Midgut	3L:-:38000460-38000410	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_80889	VIVHPLVLLSVVDHFNR	AGAP012135-PA	-	47	2.31E-05	1	1957.147	4.71	Larva	3L:-:38000460-38000410	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_81187	SIIALHNLINNK	AGAP012135-PA	-	40	0.000219494	2	1349.789	-1.12	Midgut	3L:-:37999605-37999570	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_84183	SVWFLDHDYLENMYGMFK	AGAP012135-PA	M13(Oxidation), M16(Oxidation)	68	9.47E-07	1	2327.013	-0.78	Midgut	3L:-:38000211-38000158	exon=> In CDS Exon 2 of transcript AGAP012135-PA

JHU_Ag_88733	YCPNSVLVIIDAKPK	AGAP012135-PA	C2(Carbamidomethyl)	56	2.07E-05	2	1716.940	2.62	Malpighian tubule	3L:-:38000064-38000020	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_92752	RYCPNSVLVIIDAKPK	AGAP012135-PA	C3(Carbamidomethyl)	45	0.000141 5	1	1873.035	-0.76	Male reproductive organs	3L:-:38000067-38000020	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_93195	DIKDTTVGSLSQK	AGAP012135-PA	-	55	3.03E-05	1	1391.742	3.08	Larva	3L:-:37999875-37999837	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_94640	GVLDVSNSFAVPFDEDDKDK	AGAP012135-PA	-	99	1.84E-09	1	2197.035	2.22	Pupa	3L:-:38000346-38000487,37999396-38000212	exon=> In CDS Exon 2 and 1 of transcript AGAP012135-PA
JHU_Ag_102779	SIIALHNLINNK	AGAP012135-PA	-	77	4.97E-08	1	1349.785	-3.47	Male reproductive organs	3L:-:37999605-37999570	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_104865	LCQNDIAINELIR	AGAP012135-PA	C2(Carbamidomethyl)	88	1.98E-08	1	1571.821	-0.14	Ovary	3L:-:38000106-38000068	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_105928	VIVHPLVLLSVVDHFNR	AGAP012135-PA	-	129	1.66E-13	1	1957.138	-0.09	Ovary	3L:-:38000460-38000410	exon=> In CDS Exon 1 of transcript AGAP012135-PA
JHU_Ag_107680	DIKDTTVGSLSQK	AGAP012135-PA	-	52	7.76E-05	2	1391.736	-1.57	Head	3L:-:37999875-37999837	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_109607	DIKDTTVGSLSQK	AGAP012135-PA	-	107	2.35E-10	1	1391.738	-0.08	Malpighian tubule	3L:-:37999875-37999837	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_112076	RYCPNSVLVIIDAKPK	AGAP012135-PA	C3(Carbamidomethyl)	50	4.42E-05	3	1873.039	1.29	Pupa	3L:-:38000067-38000020	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_115431	TFEHVPSEIGAEEAEEVGVEHLLR	AGAP012135-PA	-	168	2.08E-16	1	2677.323	4.49	Ovary	3L:-:37999947-37999876	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_116819	TNDQMLVVYLASLVR	AGAP012135-PA	M5(Oxidation)	122	5.48E-12	1	1737.922	0.98	Ovary	3L:-:37999650-37999606	exon=> In CDS Exon 2 of transcript AGAP012135-PA
JHU_Ag_689	SGDYVDIK	AGAP012138-PA	-	47	0.000181 803	2	896.436	-0.27	Pupa	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_2326	VEHVQPSR	AGAP012138-PA	-	42	0.000701 449	1	951.500	-0.74	Salivary gland	3L:+:38003869-38003892	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_4305	HGTIPLSTYMK	AGAP012138-PA	M10(Oxidation)	67	3.89E-06	1	1247.648	2.25	Malpighian tubule	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_7054	SGDYVDIK	AGAP012138-PA	-	46	0.000257 395	2	896.437	1.43	Larva	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_10239	HALGVIVNK	AGAP012138-PA	-	51	1.12E-05	1	950.583	5.23	Malpighian tubule	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_13030	SGDYVDIK	AGAP012138-PA	-	54	4.34E-05	2	896.435	-1.63	Head	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_14705	HALGVIVNKR	AGAP012138-PA	N8(Deamidated)	86	3.18E-09	1	1106.679	0.02	Pupa	3L:+:38003800-38003829	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_15652	HALGVIVNK	AGAP012138-PA	-	41	0.000169 338	1	950.577	-1.59	Head	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_16276	HALGVIVNKR	AGAP012138-PA	-	60	1.04E-06	2	1106.683	3.55	Larva	3L:+:38003800-38003829	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_18446	HALGVIVNK	AGAP012138-PA	-	47	3.18E-05	2	950.579	0.59	Larva	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_19047	SGDYVDIKGHGAVHK	AGAP012138-PA	-	93	6.81E-09	1	1582.799	1	Malpighian tubule	3L:+:38003608-38003631,38003722-38003742	exon=> In CDS Exon 1 and 2 of transcript AGAP012138-PA
JHU_Ag_22455	SGDYVDIKGHGAVHK	AGAP012138-PA	-	83	6.39E-08	1	1582.799	1.39	Pupa	3L:+:38003608-38003631,38003722-38003742	exon=> In CDS Exon 1 and 2 of transcript AGAP012138-PA
JHU_Ag_25713	VEHVQPSR	AGAP012138-PA	-	47	0.000233 241	1	951.498	-3.18	Head	3L:+:38003869-38003892	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_27617	HGTIPLSTYMK	AGAP012138-PA	M10(Oxidation)	54	7.55E-05	1	1263.641	0.64	Visceras	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA

JHU_Ag_27718	NPPKPIFLAPIPYEFVA	AGAP012138-PA	-	61	3.92E-06	1	1913.067	4.95	Head	3L:+:38004028-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_28137	KLPGFK	AGAP012138-PA	-	31	0.002142595	1	689.434	-0.53	Midgut	3L:+:38003959-38003976	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_33839	NPPKPIFLAPIPYEFVA	AGAP012138-PA	-	72	3.07E-07	1	1913.061	2.02	Visceras	3L:+:38004028-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_34384	HGTIPLSTYMK	AGAP012138-PA	M10(Oxidation)	87	3.15E-08	1	1263.641	0.55	Ovary	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_35086	VEHVQPSR	AGAP012138-PA	-	53	7.61E-05	1	951.503	2.08	Ovary	3L:+:38003869-38003892	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_38554	HALGVIVNK	AGAP012138-PA	-	35	0.000552424	1	950.579	1.3	Salivary gland	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_41774	HALGVIVNK	AGAP012138-PA	-	48	3.05E-05	1	950.581	2.4	Ovary	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_45078	HALGVIVNKR	AGAP012138-PA	-	67	2.36E-07	1	1106.679	-0.75	Midgut	3L:+:38003800-38003829	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_46035	QAQVIKNPPKPIFLAPIPYEFVA	AGAP012138-PA	-	42	8.74E-05	1	2580.474	5.7	Malpighian tubule	3L:+:38004010-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_46891	SGDYVDIK	AGAP012138-PA	-	52	5.98E-05	2	896.437	0.55	Malpighian tubule	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_46976	NPPKPIFLAPIPYEFVA	AGAP012138-PA	-	79	7.59E-08	1	1913.061	2.21	Salivary gland	3L:+:38004028-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_48754	VYNVSK	AGAP012138-PA	-	31	0.003951912	2	709.389	1.63	Salivary gland	3L:+:38003782-38003799	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_54636	SGDYVDIKGHGAVHK	AGAP012138-PA	-	39	0.001572313	1	1582.796	-0.79	Midgut	3L:+:38003608-38003631,38003722-38003742	exon=> In CDS Exon 1 and 2 of transcript AGAP012138-PA
JHU_Ag_55143	SGDYVDIK	AGAP012138-PA	-	47	0.00019169	1	896.437	0.55	Salivary gland	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_55366	VEHVQPSR	AGAP012138-PA	-	55	4.72E-05	1	951.503	2.92	Malpighian tubule	3L:+:38003869-38003892	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_56547	SGDYVDIK	AGAP012138-PA	-	59	1.41E-05	2	896.435	-0.61	Visceras	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_57607	QAQVIKNPPKPIFLAPIPYEFVA	AGAP012138-PA	-	43	8.72E-05	1	2580.466	2.86	Pupa	3L:+:38004010-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_58738	HALGVIVNK	AGAP012138-PA	-	45	6.11E-05	1	950.578	-0.36	Pupa	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_66898	HALGVIVNKR	AGAP012138-PA	-	76	3.17E-08	1	1106.680	0.25	Malpighian tubule	3L:+:38003800-38003829	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_69636	SGDYVDIKGHGAVHK	AGAP012138-PA	-	39	0.001771343	1	1582.799	0.95	Visceras	3L:+:38003608-38003631,38003722-38003742	exon=> In CDS Exon 1 and 2 of transcript AGAP012138-PA
JHU_Ag_69908	HALGVIVNKR	AGAP012138-PA	-	77	2.53E-08	1	1106.679	0.14	Visceras	3L:+:38003800-38003829	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_82718	NPPKPIFLAPIPYEFVA	AGAP012138-PA	-	69	6.79E-07	1	1913.056	-0.47	Ovary	3L:+:38004028-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_84920	HGTIPLSTYMK	AGAP012138-PA	-	42	0.001165237	2	1247.647	1.08	Pupa	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_95040	VYNVSK	AGAP012138-PA	-	34	0.002081583	1	709.389	0.96	Malpighian tubule	3L:+:38003782-38003799	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_96937	HGTIPLSTYMK	AGAP012138-PA	M10(Oxidation)	50	0.000190482	1	1263.636	-3.61	Head	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_97903	VEHVQPSR	AGAP012138-PA	-	55	4.81E-05	1	951.500	-0.29	Midgut	3L:+:38003869-38003892	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_98253	SGDYVDIK	AGAP012138-PA	-	52	6.91E-05	1	896.436	-0.26	Midgut	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA

JHU_Ag_98363	HALGVIVNK	AGAP012138-PA	-	47	3.49E-05	1	950.578	-0.36	Midgut	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_99979	HALGVIVNKR	AGAP012138-PA	-	48	1.73E-05	3	1106.682	2.41	Head	3L:+:38003800-38003829	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_101409	NPPKPIFLAPIPYEFVA	AGAP012138-PA	-	69	6.86E-07	1	1913.065	4.12	Malpighian tubule	3L:+:38004028-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_103581	HGTIPLSTYMK	AGAP012138-PA	M10(Oxidation)	54	6.61E-05	2	1263.640	-0.32	Midgut	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_104699	NPPKPIFLAPIPYEFVA	AGAP012138-PA	-	64	1.97E-06	1	1913.061	1.83	Pupa	3L:+:38004028-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_104833	HGTIPLSTYMK	AGAP012138-PA	M10(Oxidation)	46	0.000457803	2	1263.643	2.29	Larva	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_106675	HALGVIVNKR	AGAP012138-PA	-	42	6.53E-05	1	1106.680	0.67	Salivary gland	3L:+:38003800-38003829	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_106848	SGDYVDIKGHGAVHK	AGAP012138-PA	-	78	2.13E-07	2	1582.804	4.24	Larva	3L:+:38003608-38003631,38003722-38003742	exon=> In CDS Exon 1 and 2 of transcript AGAP012138-PA
JHU_Ag_107554	HALGVIVNK	AGAP012138-PA	-	36	0.000534261	1	950.577	-0.82	Visceras	3L:+:38003800-38003826	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_108331	VYNVSK	AGAP012138-PA	-	34	0.001653824	1	709.388	-0.59	Midgut	3L:+:38003782-38003799	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_111975	NPPKPIFLAPIPYEFVA	AGAP012138-PA	-	77	1.25E-07	1	1913.054	-1.75	Midgut	3L:+:38004028-38004078	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_114460	KHGTIPLSTYMK	AGAP012138-PA	M11(Oxidation)	48	0.000200841	1	1391.733	-1.52	Midgut	3L:+:38003563-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_115190	HGTIPLSTYMK	AGAP012138-PA	-	45	0.000554393	1	1247.648	2.05	Salivary gland	3L:+:38003566-38003598	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_116622	INVRVEHVQPSR	AGAP012138-PA	-	40	0.000569867	1	1433.797	-0.47	Malpighian tubule	3L:+:38003857-38003892	exon=> In CDS Exon 2 of transcript AGAP012138-PA
JHU_Ag_116758	SGDYVDIK	AGAP012138-PA	-	49	0.000141449	1	896.438	1.7	Ovary	3L:+:38003608-38003631	exon=> In CDS Exon 1 of transcript AGAP012138-PA
JHU_Ag_3036	ETILAFAWEPVGSK	AGAP012140-PA	-	84	5.88E-08	2	1547.814	2.35	Ovary	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_4198	FAHSNAQFVDISPCEQYLVTYGPNGQK	AGAP012140-PA	C14(Carbamidomethyl), Q26(Deamidated),"C14(Carbamidomethyl), N24(Deamidated)",C14(Carbamidomethyl)	98	1.84E-09	1	3071.429	2.92	Ovary	3L:+:38008363-38008443	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_4924	KVCGHLFWSPR	AGAP012140-PA	C3(Carbamidomethyl)	71	1.01E-06	2	1386.711	0.98	Salivary gland	3L:+:38009098-38009130	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_5538	TFVSDGMSNASMLR	AGAP012140-PA	M7(Oxidation), M12(Oxidation)	89	9.34E-09	2	1547.688	3.53	Malpighian tubule	3L:+:38008483-38008524	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_5774	QKPCESDGVENVIVVDNIPVVGAAR	AGAP012140-PA	C4(Carbamidomethyl)	58	1.67E-05	1	2665.373	4.19	Malpighian tubule	3L:+:38007763-38007837	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_8325	TFVSDGMSNASMLR	AGAP012140-PA	M7(Oxidation), M12(Oxidation)	90	7.22E-09	2	1547.684	0.61	Midgut	3L:+:38008483-38008524	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_8360	FSIIHGEPSSANVSFYETNKGQEPVLVK	AGAP012140-PA	-	78	1.60E-07	1	3077.561	1.12	Male reproductive organs	3L:+:38009002-38009085	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_13005	FAHSNAQFVDISPCEQYLVTYGPNGQK	AGAP012140-PA	C14(Carbamidomethyl)	70	1.21E-06	1	3070.441	1.61	Visceras	3L:+:38008363-38008443	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_13763	ETILAFAWEPVGSK	AGAP012140-PA	-	94	5.18E-09	2	1547.816	3.45	Pupa	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_16609	ERFTDTYVK	AGAP012140-PA	-	39	0.001287967	1	1158.583	3.08	Malpighian tubule	3L:+:38008249-38008275	exon=> In CDS Exon 2 of transcript AGAP012140-PA

JHU_Ag_17080	EKDIPVDSVEVK	AGAP012140-PA	-	44	0.000408429	2	1357.721	0.35	Salivary gland	3L:+:38008924-38008959	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_17113	DIPVDSVEVK	AGAP012140-PA	-	46	0.000265109	1	1100.583	-0.84	Salivary gland	3L:+:38008930-38008959	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_19106	QGVVVWGGSSFVK	AGAP012140-PA	-	52	7.15E-05	2	1349.724	1.69	Male reproductive organs	3L:+:38008315-38008353	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_20075	VTLMAIPK	AGAP012140-PA	M4(Oxidation)	39	0.001599124	2	888.524	1.68	Ovary	3L:+:38008711-38008734	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_21929	NAGTIVNVHYPK	AGAP012140-PA	-	91	8.82E-09	1	1312.701	0.19	Salivary gland	3L:+:38007877-38007912	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_24581	QKPCESDGVENVIVVDNIPVVGAARFPK	AGAP012140-PA	C4(Carbamidomethyl)	59	9.35E-06	1	3037.590	4.05	Malpighian tubule	3L:+:38007763-38007846	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_27000	VCGHLFWSPR	AGAP012140-PA	C2(Carbamidomethyl)	63	5.92E-06	1	1258.620	3.99	Ovary	3L:+:38009101-38009130	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_29041	TFVSDGMSNASMLR	AGAP012140-PA	M7(Oxidation), M12(Oxidation)	91	6.06E-09	1	1547.690	4.24	Ovary	3L:+:38008483-38008524	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_29053	AKEDQGYYMWSFQGR	AGAP012140-PA	-	36	0.00186558	1	1865.824	-2.03	Ovary	3L:+:38010474-38010518	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_30533	ETILAFAWEPVGSK	AGAP012140-PA	-	71	1.14E-06	2	1547.815	3.21	Head	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_31745	NAGTIVNVHYPKDEEDNTK	AGAP012140-PA	-	54	6.35E-05	1	2144.027	0.75	Head	3L:+:38007877-38007933	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_31864	LREQFTEYR	AGAP012140-PA	-	47	0.000236248	1	1241.631	3.26	Malpighian tubule	3L:+:38010708-38010734	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_31868	ERFTDTYVK	AGAP012140-PA	-	39	0.001874354	1	1158.578	-0.61	Midgut	3L:+:38008249-38008275	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_32666	LREQFTEYR	AGAP012140-PA	-	50	0.000131881	1	1241.631	2.67	Male reproductive organs	3L:+:38010708-38010734	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_33312	FTDTYVKWSPK	AGAP012140-PA	-	68	1.89E-06	1	1371.700	4.01	Malpighian tubule	3L:+:38008255-38008287	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_33487	NFSWSPTDNIIAYWVAEEVDVPAK	AGAP012140-PA	-	62	8.28E-06	2	2751.331	0.24	Midgut	3L:+:38008639-38008710	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_34126	NNVDTDTLEADPDNVEEEIVEILVR	AGAP012140-PA	-	62	9.14E-06	1	2841.371	2.46	Visceras	3L:+:38010789-38010792,38010878-38010948	exon=> In CDS Exon 3 and 4 of transcript AGAP012140-PA
JHU_Ag_37015	YVVTGTSGK	AGAP012140-PA	-	45	0.000183371	1	911.483	0.11	Midgut	3L:+:38009260-38009286	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_38839	YYSQFESKDR	AGAP012140-PA	-	41	0.000784217	1	1322.600	-1.15	Midgut	3L:+:38010630-38010659	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_39186	NNVDTDTLEADPDNVEEEIVEILVR	AGAP012140-PA	-	64	5.82E-06	1	2841.374	3.43	Midgut	3L:+:38010789-38010792,38010878-38010948	exon=> In CDS Exon 3 and 4 of transcript AGAP012140-PA
JHU_Ag_39684	IVIWDIR	AGAP012140-PA	-	44	0.000414416	2	914.548	2.83	Ovary	3L:+:38008444-38008464	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_40331	FSIIHGEPSSANVSFYETNKGQEPVLVK	AGAP012140-PA	-	68	1.48E-06	1	3077.560	0.81	Midgut	3L:+:38009002-38009085	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_40360	VTLMAIPK	AGAP012140-PA	-	45	0.000422322	2	872.528	0.08	Salivary gland	3L:+:38008711-38008734	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_40421	FLGMFYNFEIFHMR	AGAP012140-PA	M4(Oxidation), M13(Oxidation)	48	0.000166356	1	1883.868	3.87	Ovary	3L:+:38008882-38008923	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_41643	NNVDTDTLEADPDNVEEEIVEILVR	AGAP012140-PA	-	58	2.37E-05	1	2841.367	1.17	Malpighian tubule	3L:+:38010789-38010792,38010878-38010948	exon=> In CDS Exon 3 and 4 of transcript AGAP012140-PA
JHU_Ag_42199	FSIIHGEPSSANVSFYETNKGQEPVLVK	AGAP012140-PA	-	125	3.13E-12	1	3077.571	4.38	Malpighian tubule	3L:+:38009002-38009085	exon=> In CDS Exon 2 of transcript AGAP012140-PA

JHU_Ag_42243	LDKHYTLLVNR	AGAP012140-PA	-	55	2.86E-05	1	1371.775	0.45	Salivary gland	3L:+:38008006-38008038	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_43008	ASEVEWDPTGRYVVTGTSGK	AGAP012140-PA	-	112	9.77E-11	1	2139.044	4.16	Malpighian tubule	3L:+:38009227-38009286	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_43403	NAGTIVNVHYPK	AGAP012140-PA	-	58	1.69E-05	2	1312.702	1.02	Midgut	3L:+:38007877-38007912	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_45019	SGDYLCVK	AGAP012140-PA	C6(Carbamidomethyl)	49	8.18E-05	2	941.440	-0.11	Salivary gland	3L:+:38008798-38008821	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_45425	LREQFTEYR	AGAP012140-PA	-	51	9.18E-05	1	1241.627	-0.37	Salivary gland	3L:+:38010708-38010734	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_45816	EWSPPQPQPYK	AGAP012140-PA	-	45	0.000360227	1	1356.659	0.4	Salivary gland	3L:+:38008075-38008107	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_46752	FAHSNAQFVDISPCEQYLVTYGPNGQK	AGAP012140-PA	C14(Carbamidomethyl), Q26(Deamidated),"C14(Carbamidomethyl), N24(Deamidated)"	71	1.03E-06	1	3071.421	0.29	Malpighian tubule	3L:+:38008363-38008443	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_49743	ETILAFAWEPVGSK	AGAP012140-PA	-	95	4.40E-09	2	1547.811	0.53	Midgut	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_49786	QGVVVWGGSSFVK	AGAP012140-PA	-	55	3.53E-05	2	1349.721	-0.39	Salivary gland	3L:+:38008315-38008353	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_50433	DIPVDSVEVK	AGAP012140-PA	-	45	0.000340743	1	1100.583	-0.5	Midgut	3L:+:38008930-38008959	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_50579	NLFNVADCKIHWQK	AGAP012140-PA	C8(Carbamidomethyl)	47	0.000326656	1	1772.900	5.45	Malpighian tubule	3L:+:38008756-38008797	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_50816	VTLMAIPK	AGAP012140-PA	-	49	0.000144758	2	872.527	0.01	Midgut	3L:+:38008711-38008734	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_50842	ASEVEWDPTGR	AGAP012140-PA	-	51	6.24E-05	1	1246.570	0.06	Male reproductive organs	3L:+:38009227-38009259	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_51685	EWSPPQPQPYK	AGAP012140-PA	-	48	0.000191486	2	1356.657	-0.95	Midgut	3L:+:38008075-38008107	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_51894	QKPCESDGVENVIVVDNIPVVGAAR	AGAP012140-PA	C4(Carbamidomethyl)	40	0.001192405	1	2665.366	1.58	Ovary	3L:+:38007763-38007837	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_52559	GTYIVTFHK	AGAP012140-PA	-	30	0.011576473	1	1065.573	-0.21	Midgut	3L:+:38008288-38008314	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_53985	LREQFTEYR	AGAP012140-PA	-	38	0.001819207	2	1241.627	-0.38	Head	3L:+:38010708-38010734	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_54113	IVIWDIR	AGAP012140-PA	-	45	0.000314647	2	914.548	2.03	Larva	3L:+:38008444-38008464	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_55662	GTYIVTFHK	AGAP012140-PA	-	34	0.003267702	1	1065.577	3.64	Ovary	3L:+:38008288-38008314	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_55992	IVIWDIR	AGAP012140-PA	-	50	9.23E-05	1	914.549	3.5	Salivary gland	3L:+:38008444-38008464	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_57839	KVCGHLFWSPR	AGAP012140-PA	C3(Carbamidomethyl)	48	0.000226433	1	1386.714	2.82	Malpighian tubule	3L:+:38009098-38009130	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_60296	NLFNVADCK	AGAP012140-PA	C8(Carbamidomethyl)	56	3.03E-05	1	1080.513	-1.26	Salivary gland	3L:+:38008756-38008782	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_60471	YYSQFESKDR	AGAP012140-PA	-	64	5.13E-06	1	1322.606	3.65	Malpighian tubule	3L:+:38010630-38010659	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_60942	NLFNVADCK	AGAP012140-PA	C8(Carbamidomethyl)	36	0.003338404	2	1080.514	-0.43	Midgut	3L:+:38008756-38008782	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_61622	IVIWDIR	AGAP012140-PA	-	49	0.000126714	2	914.548	2.43	Visceras	3L:+:38008444-38008464	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_62762	TFVSDGMSNASMLR	AGAP012140-PA	M7(Oxidation), M12(Oxidation)	93	4.15E-09	1	1547.684	0.77	Male reproductive organs	3L:+:38008483-38008524	exon=> In CDS Exon 2 of transcript AGAP012140-PA

JHU_Ag_63460	FSIIHGEPSSANVSFYETNK	AGAP012140-PA	-	85	4.92E-08	1	2227.068	0.61	Malpighian tubule	3L:+:38009002-38009061	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_65014	GYAFVEYK	AGAP012140-PA	-	52	9.78E-05	2	976.477	-0.58	Salivary gland	3L:+:38007934-38007957	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_66091	GTYIVTFHK	AGAP012140-PA	-	58	2.09E-05	1	1065.573	-0.05	Salivary gland	3L:+:38008288-38008314	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_67799	ETILAFAWEPVGSK	AGAP012140-PA	-	83	5.16E-08	2	1547.831	13.23	Visceras	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_68124	FSIIHGEPSSANVSFYETNKGQEPVLVK	AGAP012140-PA	-	100	8.93E-10	1	3077.561	0.97	Salivary gland	3L:+:38009002-38009085	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_68673	FSIIHGEPSSANVSFYETNK	AGAP012140-PA	-	59	2.03E-05	1	2227.067	0.12	Midgut	3L:+:38009002-38009061	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_69457	AKEDQGYYMWSFQGR	AGAP012140-PA	M9(Oxidation)	50	6.98E-05	1	1881.819	-1.87	Salivary gland	3L:+:38010474-38010518	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_71491	NAGTIVNVHYPKDEEDNTK	AGAP012140-PA	-	58	2.43E-05	1	2144.026	0.32	Midgut	3L:+:38007877-38007933	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_72252	FAHSNAQFVDISPCEQYLVTYGPNGQK	AGAP012140-PA	C14(Carbamidomethyl), Q26(Deamidated),C14(Carbamidomethyl),"C14(Carbamidomethyl), N24(Deamidated)"	107	2.55E-10	1	3070.441	1.49	Salivary gland	3L:+:38008363-38008443	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_73294	ASEVEWDPTGR	AGAP012140-PA	-	44	0.000351988	1	1246.574	3.35	Midgut	3L:+:38009227-38009259	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_73357	VCGHLFWSPR	AGAP012140-PA	C2(Carbamidomethyl)	61	9.07E-06	1	1258.615	0.02	Salivary gland	3L:+:38009101-38009130	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_76425	QGVVVWGGSSFVK	AGAP012140-PA	-	66	2.67E-06	1	1349.721	-0.03	Midgut	3L:+:38008315-38008353	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_79477	QGVVVWGGSSFVK	AGAP012140-PA	-	31	0.007080731	2	1349.731	7.38	Head	3L:+:38008315-38008353	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_80846	NAGTIVNVHYPKDEEDNTK	AGAP012140-PA	-	89	1.90E-08	1	2144.003	-10.7	Ovary	3L:+:38007877-38007933	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_81552	QKPCESDGVENVIVVDNIPVVGAAR	AGAP012140-PA	C4(Carbamidomethyl)	34	0.004077404	1	2665.368	2.48	Visceras	3L:+:38007763-38007837	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_81730	NAGTIVNVHYPKDEEDNTK	AGAP012140-PA	-	97	3.11E-09	1	2144.025	-0.11	Salivary gland	3L:+:38007877-38007933	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_83909	ASEVEWDPTGR	AGAP012140-PA	-	51	7.01E-05	1	1246.575	3.68	Ovary	3L:+:38009227-38009259	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_84941	GQEPVLVK	AGAP012140-PA	-	33	0.001824167	1	869.510	0.84	Salivary gland	3L:+:38009062-38009085	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_85470	ASEVEWDPTGR	AGAP012140-PA	-	61	7.56E-06	1	1246.572	1.63	Salivary gland	3L:+:38009227-38009259	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_88605	IVIWDIR	AGAP012140-PA	-	42	0.000633783	2	914.545	-0.44	Head	3L:+:38008444-38008464	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_90808	LREQFTEYR	AGAP012140-PA	-	44	0.000436554	1	1241.632	3.95	Ovary	3L:+:38010708-38010734	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_95390	NAGTIVNVHYPK	AGAP012140-PA	-	56	3.17E-05	2	1312.705	3.16	Malpighian tubule	3L:+:38007877-38007912	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_95749	ASEVEWDPTGR	AGAP012140-PA	-	70	9.63E-07	2	1246.575	3.98	Malpighian tubule	3L:+:38009227-38009259	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_98031	ETILAFAWEPVGSK	AGAP012140-PA	-	92	8.86E-09	1	1547.813	1.4	Salivary gland	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_98688	IVIWDIR	AGAP012140-PA	-	50	9.95E-05	1	914.545	-1.18	Male reproductive organs	3L:+:38008444-38008464	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_99400	FSIIHGEPSSANVSFYETNK	AGAP012140-PA	-	61	1.34E-05	1	2227.067	-0.04	Head	3L:+:38009002-38009061	exon=> In CDS Exon 2 of transcript AGAP012140-PA

JHU_Ag_100420	GYAFVEYK	AGAP012140-PA	-	43	0.000765816	1	976.478	0.81	Midgut	3L:+:38007934-38007957	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_100942	TFVSDGMSNASMLR	AGAP012140-PA	M7(Oxidation), M12(Oxidation)	112	7.21E-11	1	1515.695	1.4	Salivary gland	3L:+:38008483-38008524	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_101015	FLGMFYNFEIFHMR	AGAP012140-PA	M4(Oxidation), M13(Oxidation)	36	0.003015966	3	1883.860	-0.4	Midgut	3L:+:38008882-38008923	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_101041	YVVTGTSGK	AGAP012140-PA	-	49	7.51E-05	1	911.487	4.59	Malpighian tubule	3L:+:38009260-38009286	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_102010	ETILAFAWEPVGSK	AGAP012140-PA	-	65	4.48E-06	2	1547.820	5.98	Larva	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_103232	ERFTDTYVK	AGAP012140-PA	-	51	9.62E-05	1	1158.578	-0.82	Salivary gland	3L:+:38008249-38008275	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_103254	FSIIHGEPSSANVSFYETNK	AGAP012140-PA	-	79	2.16E-07	1	2227.066	-0.46	Ovary	3L:+:38009002-38009061	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_103941	NAGTIVNVHYPKDEEDNTK	AGAP012140-PA	-	81	1.11E-07	1	2144.034	3.74	Malpighian tubule	3L:+:38007877-38007933	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_105057	QKPCESDGVENVIVVDNIPVVGAAR	AGAP012140-PA	C4(Carbamidomethyl)	57	2.18E-05	1	2665.369	2.96	Salivary gland	3L:+:38007763-38007837	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_105622	NQESAEEAVK	AGAP012140-PA	-	54	4.53E-05	2	1104.517	0.07	Salivary gland	3L:+:38007958-38007987	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_106103	IVIWDIR	AGAP012140-PA	-	46	0.000241141	2	914.550	4.83	Malpighian tubule	3L:+:38008444-38008464	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_108834	NQESAEEAVK	AGAP012140-PA	-	37	0.002411403	2	1104.520	2.73	Malpighian tubule	3L:+:38007958-38007987	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_110437	VCGHLFWSPR	AGAP012140-PA	C2(Carbamidomethyl)	51	9.83E-05	1	1258.614	-0.99	Malpighian tubule	3L:+:38009101-38009130	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_110781	VTLMAIPK	AGAP012140-PA	M4(Oxidation)	55	3.91E-05	2	872.532	4.77	Malpighian tubule	3L:+:38008711-38008734	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_111801	AKEDQGYYMWSFQGR	AGAP012140-PA	M9(Oxidation)	55	3.14E-05	2	1881.828	2.87	Malpighian tubule	3L:+:38010474-38010518	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_114081	FSIIHGEPSSANVSFYETNK	AGAP012140-PA	-	105	4.85E-10	1	2227.074	3.33	Salivary gland	3L:+:38009002-38009061	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_114860	ETILAFAWEPVGSK	AGAP012140-PA	-	81	1.07E-07	2	1547.811	0.14	Male reproductive organs	3L:+:38008960-38009001	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_115295	ASKELIEK	AGAP012140-PA	-	49	0.000154333	1	917.533	2.65	Malpighian tubule	3L:+:38010675-38010698	exon=> In CDS Exon 3 of transcript AGAP012140-PA
JHU_Ag_116563	FSIIHGEPSSANVSFYETNK	AGAP012140-PA	-	48	0.000227235	1	2227.066	-0.37	Pupa	3L:+:38009002-38009061	exon=> In CDS Exon 2 of transcript AGAP012140-PA
JHU_Ag_24416	RAMPDLSR	AGAP012141-PA	M3(Oxidation)	53	9.30E-05	2	961.494	5.92	Visceras	3L:+:38036518-38036541	exon=> In CDS Exon 5 of transcript AGAP012141-PA
JHU_Ag_40316	TILGQVFGNR	AGAP012141-PA	-	46	0.000286028	2	1104.616	0.17	Malpighian tubule	3L:+:38035097-38035126	exon=> In CDS Exon 4 of transcript AGAP012141-PA
JHU_Ag_91752	IILTDDYFSDVNPR	AGAP012141-PA	-	64	6.05E-06	2	1667.839	6.57	Malpighian tubule	3L:+:38036752-38036793	exon=> In CDS Exon 5 of transcript AGAP012141-PA
JHU_Ag_92365	SLLQYLETDDLAGLK	AGAP012141-PA	-	42	0.000700367	1	1678.889	-0.68	Head	3L:+:38033601-38033645	exon=> In CDS Exon 2 of transcript AGAP012141-PA
JHU_Ag_47540	AGHVGIVELLLDNGAELEHR	AGAP012141-PA,AGAP012913-PA	-	51	7.96E-05	1	2142.133	1.47	Midgut	3L:+:38033993-38034052;UNKN:-:38507060-38507001	exon=> In CDS Exon 3 of transcript AGAP012141-PA;exon=> In CDS Exon 1 of transcript AGAP012913-PA
JHU_Ag_80286	AGHVGIVELLLDNGAELEHR	AGAP012141-PA,AGAP012913-PA	-	104	3.86E-10	1	2142.137	3.18	Malpighian tubule	3L:+:38033993-38034052;UNKN:-:38507060-38507001	exon=> In CDS Exon 3 of transcript AGAP012141-PA;exon=> In CDS Exon 1 of transcript AGAP012913-PA
JHU_Ag_7118	HISGTASSVAFTPLQGLEIVNPQAAEK	AGAP012142-PA	-	57	1.29E-05	3	2765.450	1.07	Ovary	3L:-:38043225-38043145	exon=> In CDS Exon 7 of transcript AGAP012142-PA

JHU_Ag_42054	YFSNTSGFLSVGK	AGAP012142-PA	-	61	1.51E-05	2	1406.697	1.49	Ovary	3L:-:38043120-38043082	exon=> In CDS Exon 7 of transcript AGAP012142-PA
JHU_Ag_43715	ELGNDLDQAK	AGAP012142-PA	-	41	0.000977844	2	1102.540	1.86	Ovary	3L:-:38044342-38044313	exon=> In CDS Exon 3 of transcript AGAP012142-PA
JHU_Ag_48977	YAITEFRK	AGAP012142-PA	-	32	0.004336669	1	1027.559	1.82	Malpighian tubule	3L:-:38043534-38043511	exon=> In CDS Exon 5 of transcript AGAP012142-PA
JHU_Ag_53967	IFEYVESR	AGAP012142-PA	-	45	0.00028395	2	1042.520	-0.46	Ovary	3L:-:38044088-38044065	exon=> In CDS Exon 4 of transcript AGAP012142-PA
JHU_Ag_55725	VDASHESHLGEIGQR	AGAP012142-PA	-	67	3.39E-06	1	1634.785	-1.83	Head	3L:-:38043717-38043673	exon=> In CDS Exon 5 of transcript AGAP012142-PA
JHU_Ag_80034	YAITEFRK	AGAP012142-PA	-	54	4.00E-05	1	1027.557	-0.32	Ovary	3L:-:38043534-38043511	exon=> In CDS Exon 5 of transcript AGAP012142-PA
JHU_Ag_80195	LVGLAGGLTK	AGAP012142-PA	-	42	0.00020566	2	928.586	3.13	Malpighian tubule	3L:-:38044007-38043978	exon=> In CDS Exon 4 of transcript AGAP012142-PA
JHU_Ag_87368	FIKPLPKPIEGGK	AGAP012142-PA	-	40	0.000156001	1	1423.866	-0.8	Ovary	3L:-:38043615-38043577	exon=> In CDS Exon 5 of transcript AGAP012142-PA
JHU_Ag_99518	VDASHESHLGEIGQR	AGAP012142-PA	-	74	5.99E-07	1	1634.791	1.75	Malpighian tubule	3L:-:38043717-38043673	exon=> In CDS Exon 5 of transcript AGAP012142-PA
JHU_Ag_84093	PAVPGGVYSQNQQPSCFDR	AGAP012145-PA	C16(Carbamidomethyl)	66	2.91E-06	2	2106.966	0.05	Midgut	3L:+:38047181-38047237	exon=> In CDS Exon 1 of transcript AGAP012145-PA
JHU_Ag_32603	SQQQGSSIPLGTAGK	AGAP012146-PA	-	42	0.001025867	1	1458.756	0.87	Malpighian tubule	3L:+:38056875-38056919	exon=> In CDS Exon 6 of transcript AGAP012146-PA
JHU_Ag_43120	LVFVGLFTAPSVR	AGAP012146-PA	-	31	0.001594974	2	1405.829	6.23	Larva	3L:+:38053248-38053286	exon=> In CDS Exon 4 of transcript AGAP012146-PA
JHU_Ag_49184	AVLQFTPESWAPVR	AGAP012146-PA	-	50	0.000131797	1	1600.843	-3.11	Male reproductive organs	3L:+:38052999-38053040	exon=> In CDS Exon 3 of transcript AGAP012146-PA
JHU_Ag_76658	LVFVGLFTAPSVR	AGAP012146-PA	-	37	0.000551851	2	1405.821	0.67	Midgut	3L:+:38053248-38053286	exon=> In CDS Exon 4 of transcript AGAP012146-PA
JHU_Ag_18297	GANPLAIDLLEK	AGAP012148-PC,AGAP012148-PA	-	43	0.00030352	2	1253.710	-0.33	Midgut	3L:-:38071227-38071192;3L:-:38071227-38071192	exon=> In CDS Exon 2 of transcript AGAP012148-PC;exon=> In CDS Exon 3 of transcript AGAP012148-PA
JHU_Ag_86335	GANPLAIDLLEK	AGAP012148-PC,AGAP012148-PA	-	68	9.04E-07	1	1253.710	0.06	Ovary	3L:-:38071227-38071192;3L:-:38071227-38071192	exon=> In CDS Exon 2 of transcript AGAP012148-PC;exon=> In CDS Exon 3 of transcript AGAP012148-PA
JHU_Ag_51821	ITAEQALAHPYLEK	AGAP012148-PC,AGAP012148-PA,AGAP012148-PB	-	57	2.05E-05	1	1583.844	0.71	Ovary	3L:-:38071164-38071290,38070959-38071044;3L:-:38071164-38071290,38070959-38071044;3L:-:38071164-38071191,38070959-38071044	exon=> In CDS Exon 3 and 2 of transcript AGAP012148-PC;exon=> In CDS Exon 4 and 3 of transcript AGAP012148-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP012148-PB
JHU_Ag_58760	ITAEQALAHPYLEK	AGAP012148-PC,AGAP012148-PB,AGAP012148-PA	-	64	4.18E-06	2	1583.844	0.53	Midgut	3L:-:38071164-38071290,38070959-38071044;3L:-:38071164-38071290,38070959-38071044;3L:-:38071164-38071191,38070959-38071044	exon=> In CDS Exon 3 and 2 of transcript AGAP012148-PC;exon=> In CDS Exon 2 and 1 of transcript AGAP012148-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP012148-PA

JHU_Ag_110036	ITAEQALAHPYLEK	AGAP012148-PC,AGAP012148-PB,AGAP012148-PA	-	80	9.54E-08	1	1583.846	1.68	Male reproductive organs	3L:-:38071164-38071290,38070959-38071044;3L:-:38071164-38071191,38070959-38071044;3L:-:38071164-38071290,38070959-38071044	exon=> In CDS Exon 3 and 2 of transcript AGAP012148-PC;exon=> In CDS Exon 2 and 1 of transcript AGAP012148-PB;exon=> In CDS Exon 4 and 3 of transcript AGAP012148-PA
JHU_Ag_14935	DQTLLIK	AGAP012152-PA	-	43	0.000876705	1	830.499	0.95	Midgut	3L:+:38085311-38085331	exon=> In CDS Exon 3 of transcript AGAP012152-PA
JHU_Ag_82000	HLTELK	AGAP012152-PA	-	29	0.003459181	1	740.428	-3.33	Head	3L:+:38084539-38084556	exon=> In CDS Exon 2 of transcript AGAP012152-PA
JHU_Ag_48242	FHTDIPNLAGFSVPSR	AGAP012154-PA	-	59	1.98E-05	1	1757.894	-1.85	Salivary gland	3L:-:38088201-38088154	exon=> In CDS Exon 3 of transcript AGAP012154-PA
JHU_Ag_62887	LPEQAAQLAK	AGAP012154-PA	-	34	0.002423052	1	1068.605	0.29	Salivary gland	3L:-:38088960-38088931	exon=> In CDS Exon 3 of transcript AGAP012154-PA
JHU_Ag_88958	TVLALYLTQK	AGAP012154-PA	-	52	1.53E-05	2	1149.690	1.67	Salivary gland	3L:-:38089433-38089511,38089125-38089325	exon=> In CDS Exon 2 and 1 of transcript AGAP012154-PA
JHU_Ag_91362	SSLLEYADTAAK	AGAP012154-PA	-	68	2.15E-06	2	1268.635	-1.57	Salivary gland	3L:-:38087973-38087938	exon=> In CDS Exon 3 of transcript AGAP012154-PA
JHU_Ag_113618	SSLLEYADTAAK	AGAP012154-PA	-	38	0.002122285	1	1268.635	-1.47	Male reproductive organs	3L:-:38087973-38087938	exon=> In CDS Exon 3 of transcript AGAP012154-PA
JHU_Ag_64544	WTFQATR	AGAP012154-PA,AGAP010383-PA	-	37	0.00206348	2	909.460	2.87	Midgut	3L:-:38088513-38088493;3L:+:2419106-2419126	exon=> In CDS Exon 3 of transcript AGAP012154-PA;exon=> In CDS Exon 3 of transcript AGAP010383-PA
JHU_Ag_39119	ETGTEFWNNWQTER	AGAP012156-PA	-	38	0.001573777	2	1797.787	2.44	Midgut	3L:+:38107943-38107984	exon=> In CDS Exon 3 of transcript AGAP012156-PA
JHU_Ag_56335	IFALLR	AGAP012156-PA,AGAP006380-PA	-	20	0.006055517	1	732.477	-0.22	Midgut	3L:+:38112054-38112071;2L:-:30935777-30935760	exon=> In CDS Exon 7 of transcript AGAP012156-PA;exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_7332	IFALLR	AGAP012156-PA,AGAP012155-PA,AGAP006380-PA	-	36	0.000148303	2	732.477	-0.22	Midgut	3L:+:38112054-38112071;3L:+:38104747-38104764;2L:-:30935777-30935760	exon=> In CDS Exon 7 of transcript AGAP012156-PA;exon=> In CDS Exon 5 of transcript AGAP012155-PA;exon=> In CDS Exon 5 of transcript AGAP006380-PA
JHU_Ag_11602	FPALRWLR	AGAP012159-PA	-	36	0.001636259	1	1058.627	1.43	Salivary gland	3L:+:38123059-38123082	exon=> In CDS Exon 2 of transcript AGAP012159-PA
JHU_Ag_1235	SLDGLIR	AGAP012160-PA	-	41	0.00225236	1	773.451	-0.42	Midgut	3L:-:38126215-38126195	exon=> In CDS Exon 7 of transcript AGAP012160-PA
JHU_Ag_80978	DVLENEDVK	AGAP012161-PA	N5(Deamidated)	36	0.003356907	1	1061.512	11.07	Pupa	3L:+:38174130-38174156	exon=> In CDS Exon 12 of transcript AGAP012161-PA
JHU_Ag_29482	TDDQFLTMFLR	AGAP012165-PA	M8(Oxidation)	49	0.000143291	2	1402.667	-0.37	Midgut	3L:-:38246935-38246903	exon=> In CDS Exon 1 of transcript AGAP012165-PA
JHU_Ag_41637	MGVAVPLPNTVTPDGPR	AGAP012165-PA	-	44	0.000443512	2	1720.904	-0.69	Midgut	3L:-:38246776-38246726	exon=> In CDS Exon 1 of transcript AGAP012165-PA
JHU_Ag_58961	IILVRPGVYDPSK	AGAP012165-PA	-	39	0.000490664	1	1456.852	-0.13	Midgut	3L:-:38246725-38246687	exon=> In CDS Exon 1 of transcript AGAP012165-PA
JHU_Ag_869	LTTPADGDILLDYSK	AGAP012167-PA	-	93	7.07E-09	1	1621.839	4.56	Midgut	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_2028	LTTPADGDILLDYSK	AGAP012167-PA	-	123	6.63E-12	1	1621.833	0.87	Pupa	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA

JHU_Ag_2638	LFDEDDIRFDK	AGAP012167-PA	-	39	0.001744 11	1	1412.670	0.37	Pupa	3L:+:38254290-38254322	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_3005	ISDVVNIGIGGSDLGPLMVTEALKPYN QGIR	AGAP012167-PA	M18(Oxidation)	130	5.79E-13	1	3242.719	3.19	Pupa	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_3309	AVLHVALR	AGAP012167-PA	-	27	0.002535 876	2	878.557	-0.25	Midgut	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_3584	VTDDAWNLLLELAESR	AGAP012167-PA	-	118	2.59E-11	2	1844.940	0.69	Midgut	3L:+:38256269-38256316	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_3650	KISDVVNIGIGGSDLGPLMVTEALKPY NQGIR	AGAP012167-PA	-	133	1.89E-13	1	3354.811	0.48	Visceras	3L:+:38256533-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_3784	TAATAQAELEK	AGAP012167-PA	-	93	1.03E-08	1	1132.587	2.28	Ovary	3L:+:38259976-38260008	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_3792	INVTENRAVLHVALR	AGAP012167-PA	-	72	1.33E-07	1	1704.991	2.51	Malpighian tubule	3L:+:38256359-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_3880	VFTGNRPTNSILVK	AGAP012167-PA	-	48	6.59E-05	1	1545.874	-0.41	Male reproductive organs	3L:+:38260054-38260095	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_5107	TAATAQAELEKAGLAGEALEK	AGAP012167-PA	-	124	3.43E-12	1	2072.097	4.81	Ovary	3L:+:38259976-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_6674	LTTPADGDILLDYSK	AGAP012167-PA	-	119	1.91E-11	1	1621.835	1.55	Malpighian tubule	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_7210	KLDPETTLFIIASK	AGAP012167-PA	-	74	1.65E-07	1	1575.901	1.18	Salivary gland	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_7425	AVLHVALR	AGAP012167-PA	-	62	8.85E-07	1	878.557	-0.11	Salivary gland	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_8336	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	126	3.48E-12	1	1854.938	1.76	Ovary	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_8424	KISDVVNIGIGGSDLGPLMVTEALKPY NQGIR	AGAP012167-PA	M19(Oxidation)	66	1.03E-06	1	3370.800	-1.24	Pupa	3L:+:38256533-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_9153	HFVALSTNKEK	AGAP012167-PA	-	75	4.19E-07	1	1273.690	-0.16	Head	3L:+:38256812-38256844	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_10090	DSVYQQIKEYYNANGASINIK	AGAP012167-PA	-	97	3.17E-09	1	2418.204	4.19	Malpighian tubule	3L:+:38254224-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_12556	NMFEFWDWVGGR	AGAP012167-PA	M2(Oxidation)	90	8.13E-09	1	1559.684	6.38	Head	3L:+:38256872-38256907	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_13090	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	51	5.25E-05	1	1933.062	0.26	Salivary gland	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_13223	SHFVSNVDGTHIAETLKK	AGAP012167-PA	-	101	1.01E-09	1	1983.033	2.01	Head	3L:+:38256629-38256682	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_13490	LDPETTLFIIASK	AGAP012167-PA	-	74	2.66E-07	1	1447.806	1.2	Visceras	3L:+:38256683-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_13859	AVLHVALR	AGAP012167-PA	-	43	8.44E-05	2	878.558	1.21	Head	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_14273	AVLHVALR	AGAP012167-PA	-	56	3.16E-06	1	878.556	-1.22	Visceras	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_14378	AVLHVALR	AGAP012167-PA	-	52	9.86E-06	2	878.559	1.69	Larva	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_14518	ISDVVNIGIGGSDLGPLMVTEALKPYN QGIR	AGAP012167-PA	M18(Oxidation)	100	5.43E-10	1	3242.723	4.21	Ovary	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_14834	FAAYFQQGDMESNGK	AGAP012167-PA	M10(Oxidation)	109	7.80E-11	1	1692.734	0.95	Visceras	3L:+:38257211-38257255	exon=> In CDS Exon 3 of transcript AGAP012167-PA
JHU_Ag_15196	EFTEQIHNGVWR	AGAP012167-PA	-	81	1.17E-07	1	1515.737	2.16	Ovary	3L:+:38256482-38256517	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_15946	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	132	8.12E-13	1	1854.939	2.29	Visceras	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_16085	VTPFVLGALIAMYEHK	AGAP012167-PA	M12(Oxidation)	116	2.17E-11	1	1804.978	6.51	Head	3L:+:38260099-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA

JHU_Ag_16149	TFTTQETITNATAAK	AGAP012167-PA	-	85	4.64E-08	2	1597.810	2.11	Male reproductive organs	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_17230	EFTEQIHNGVWR	AGAP012167-PA	N8(Deamidated)	79	1.57E-07	1	1516.722	2.47	Malpighian tubule	3L:+:38256482-38256517	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_18265	TAATAQAELEK	AGAP012167-PA	-	67	3.23E-06	1	1132.590	5.08	Larva	3L:+:38259976-38260008	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_19114	AGLAGEALEK	AGAP012167-PA	-	68	2.88E-06	2	958.521	0.3	Malpighian tubule	3L:+:38260009-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_19309	EYYNANGASINIK	AGAP012167-PA	N6(Deamidated)	47	0.000250819	2	1457.691	0.07	Salivary gland	3L:+:38254248-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_19351	LDPETTLFIIASK	AGAP012167-PA	-	67	1.37E-06	2	1447.807	1.96	Pupa	3L:+:38256683-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_19368	EYYNANGASINIKK	AGAP012167-PA	N6(Deamidated)	80	1.41E-07	1	1585.787	0.68	Pupa	3L:+:38254248-38254289	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_20429	AGLAGEALEK	AGAP012167-PA	-	36	0.00354422	2	958.523	2.59	Larva	3L:+:38260009-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_21212	HFVALSTNK	AGAP012167-PA	-	41	0.001025687	1	1016.555	2.56	Pupa	3L:+:38256812-38256838	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_21565	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	79	7.48E-08	1	1933.059	-1.16	Male reproductive organs	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_22763	TFTTQETITNATAAKR	AGAP012167-PA	-	90	1.32E-08	2	1753.912	2.25	Malpighian tubule	3L:+:38256722-38256769	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_22880	TFTTQETITNATAAK	AGAP012167-PA	-	99	1.99E-09	2	1597.812	3.18	Larva	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_23924	TFTTQETITNATAAK	AGAP012167-PA	-	109	1.82E-10	2	1597.810	1.81	Head	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_24372	KLDPETTLFIIASK	AGAP012167-PA	-	102	2.23E-10	1	1575.901	1.26	Pupa	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_24932	FDKFHLK	AGAP012167-PA	-	33	0.005826752	2	934.516	1.2	Head	3L:+:38254314-38254327,38256211-38256217	exon=> In CDS Exon 1 and 2 of transcript AGAP012167-PA
JHU_Ag_25068	HFVALSTNK	AGAP012167-PA	-	60	1.32E-05	1	1016.553	1.06	Head	3L:+:38256812-38256838	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_25254	AVLHVALR	AGAP012167-PA	-	62	8.63E-07	1	878.557	-0.67	Pupa	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_25409	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	AGAP012167-PA	Q27(Deamidated),N20(Deamidated)	169	1.18E-16	1	3654.799	7.29	Head	3L:+:38257268-38257360,38259847-38259855	exon=> In CDS Exon 3 and 4 of transcript AGAP012167-PA
JHU_Ag_25838	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	128	2.19E-12	1	1854.935	0.45	Pupa	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_26164	TAATAQAELEK	AGAP012167-PA	-	72	9.63E-07	2	1132.584	-0.74	Midgut	3L:+:38259976-38260008	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_26298	KLDPETTLFIIASK	AGAP012167-PA	-	74	1.26E-07	1	1575.907	4.98	Larva	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_26948	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	AGAP012167-PA	Q27(Deamidated),N20(Deamidated)	130	1.04E-12	1	3654.786	3.68	Malpighian tubule	3L:+:38257268-38257360,38259847-38259855	exon=> In CDS Exon 3 and 4 of transcript AGAP012167-PA
JHU_Ag_27520	LTTPADGDILLDYSK	AGAP012167-PA	-	89	2.08E-08	1	1621.834	1.1	Salivary gland	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_27800	VAAFGIDTK	AGAP012167-PA	-	51	7.24E-05	1	921.505	0.69	Midgut	3L:+:38256845-38256871	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_28645	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	N24(Deamidated),N20(Deamidated)	96	3.16E-09	1	2915.428	0.26	Visceras	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_29020	SHFVSNVDGTHIAETLKK	AGAP012167-PA	-	82	7.66E-08	1	1983.032	1.09	Visceras	3L:+:38256629-38256682	exon=> In CDS Exon 2 of transcript AGAP012167-PA

JHU_Ag_29027	DSVYQQIKEYYNANGASINIK	AGAP012167-PA	-	47	0.000302812	2	2418.206	5.05	Ovary	3L:+:38254224-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_30348	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	114	1.37E-11	1	1917.069	1.28	Visceras	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_30806	NMFEFWDWVGGR	AGAP012167-PA	M2(Oxidation)	70	6.51E-07	2	1559.676	1.52	Midgut	3L:+:38256872-38256907	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_30863	EYYNANGASINIK	AGAP012167-PA	N6(Deamidated)	88	2.26E-08	1	1456.708	0.83	Visceras	3L:+:38254248-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_31155	HFVALSTNKEK	AGAP012167-PA	-	75	4.26E-07	1	1273.691	0.49	Malpighian tubule	3L:+:38256812-38256844	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_31869	HFVALSTNK	AGAP012167-PA	-	36	0.003137431	2	1016.556	3.63	Larva	3L:+:38256812-38256838	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_32492	EYYNANGASINIK	AGAP012167-PA	-	91	1.04E-08	1	1456.709	1.75	Malpighian tubule	3L:+:38254248-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_33199	VAAFGIDTK	AGAP012167-PA	-	43	0.000552318	2	921.505	1.27	Ovary	3L:+:38256845-38256871	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_34445	VAAFGIDTK	AGAP012167-PA	-	65	3.69E-06	1	921.505	1.14	Malpighian tubule	3L:+:38256845-38256871	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_35480	SNKPILVDGK	AGAP012167-PA	-	53	3.71E-05	1	1070.619	-1.2	Pupa	3L:+:38256410-38256439	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_35590	ISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M18(Oxidation)	113	2.39E-11	1	3242.727	5.56	Larva	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_37808	SNKPILVDGKDVMPEVNAVLAHMK	AGAP012167-PA	M13(Oxidation), M23(Oxidation)	54	2.98E-05	1	2637.371	-1.06	Midgut	3L:+:38256410-38256481	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_37827	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	N24(Deamidated),N20(Deamidated)	98	2.00E-09	1	2915.435	2.71	Head	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_37923	HFVALSTNK	AGAP012167-PA	-	39	0.001750363	2	1016.553	0.74	Malpighian tubule	3L:+:38256812-38256838	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_38998	AGLAGEALEK	AGAP012167-PA	-	44	0.000640502	2	958.522	1.32	Male reproductive organs	3L:+:38260009-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_39403	TAATAQAELEK	AGAP012167-PA	-	94	7.13E-09	1	1132.587	1.85	Head	3L:+:38259976-38260008	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_39427	KLDPETTLFIIASK	AGAP012167-PA	-	94	1.39E-09	1	1575.903	2.57	Malpighian tubule	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_42936	LDPETTLFIIASK	AGAP012167-PA	-	77	1.32E-07	1	1447.807	2.04	Malpighian tubule	3L:+:38256683-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_43454	LDPETTLFIIASK	AGAP012167-PA	-	37	0.001313229	2	1447.805	0.44	Ovary	3L:+:38256683-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_44161	VFTGNRPTNSILVK	AGAP012167-PA	-	60	3.81E-06	1	1545.878	2.2	Malpighian tubule	3L:+:38260054-38260095	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_44380	TAATAQAELEKAGLAGEALEK	AGAP012167-PA	-	150	1.03E-14	1	2072.090	1.46	Malpighian tubule	3L:+:38259976-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_44498	KLDPETTLFIIASK	AGAP012167-PA	-	107	7.75E-11	1	1575.905	3.58	Head	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_45272	LFDEDDIRFDK	AGAP012167-PA	-	45	0.000423768	1	1412.668	-0.86	Ovary	3L:+:38254290-38254322	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_45289	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	45	0.000188655	1	1933.067	2.92	Ovary	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_45756	ISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M18(Oxidation)	75	1.94E-07	1	3242.712	0.93	Salivary gland	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_45907	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	135	4.99E-13	1	1854.936	0.6	Malpighian tubule	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_46567	VFTGNRPTNSILVKK	AGAP012167-PA	-	54	1.05E-05	2	1673.972	1.38	Malpighian tubule	3L:+:38260054-38260098	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_47848	EYYNANGASINIKK	AGAP012167-PA	-	78	2.30E-07	1	1584.803	0.77	Head	3L:+:38254248-38254289	exon=> In CDS Exon 1 of transcript AGAP012167-PA

JHU_Ag_48046	KISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M19(Oxidation)	88	5.03E-09	1	3370.816	3.54	Head	3L:+:38256533-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_48319	VFTGNRPTNSILVK	AGAP012167-PA	N9(Deamidated)	73	2.69E-07	1	1546.860	0.62	Pupa	3L:+:38260054-38260095	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_48489	CSEKEQVAK	AGAP012167-PA	C1(Carbamidomethyl)	41	0.001324859	2	1078.521	1.17	Ovary	3L:+:38256785-38256811	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_49500	SNKPILVDGKDVMPEVNAVLAHMK	AGAP012167-PA	-	52	4.40E-05	1	2605.393	3.27	Head	3L:+:38256410-38256481	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_49511	DSVYQQIK	AGAP012167-PA	-	50	0.000137991	1	980.505	0.23	Head	3L:+:38254224-38254247	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_50002	TAATAQAELEK	AGAP012167-PA	-	85	4.73E-08	1	1132.585	0.56	Malpighian tubule	3L:+:38259976-38260008	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_50779	TFTTQETITNATAAK	AGAP012167-PA	-	108	2.37E-10	2	1597.808	0.89	Visceras	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_51091	VTDDAWNLLLELAESR	AGAP012167-PA	-	123	6.68E-12	1	1844.949	5.39	Salivary gland	3L:+:38256269-38256316	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_51562	AGLAGEALEK	AGAP012167-PA	-	65	5.50E-06	2	958.520	-0.53	Ovary	3L:+:38260009-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_52442	VFTGNRPTNSILVK	AGAP012167-PA	-	54	1.45E-05	1	1545.876	0.94	Head	3L:+:38260054-38260095	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_52933	LDPETTLFIIASK	AGAP012167-PA	-	96	1.46E-09	1	1447.810	3.9	Head	3L:+:38256683-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_53870	ISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M18(Oxidation)	130	6.24E-13	1	3242.715	1.72	Midgut	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_54264	SNKPILVDGKDVMPEVNAVLAHMK	AGAP012167-PA	-	77	1.42E-07	1	2605.387	1.12	Pupa	3L:+:38256410-38256481	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_54274	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	AGAP012167-PA	N20(Deamidated),Q22(Deamidated)	163	4.38E-16	1	3655.773	4.38	Visceras	3L:+:38257268-38257360,38259847-38259855	exon=> In CDS Exon 3 and 4 of transcript AGAP012167-PA
JHU_Ag_54418	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	N24(Deamidated),N20(Deamidated)	83	6.57E-08	1	2914.449	2.09	Ovary	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_54808	LTTPADGDILLDYSK	AGAP012167-PA	-	67	2.98E-06	2	1621.832	-0.03	Male reproductive organs	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_54896	TFTTQETITNATAAK	AGAP012167-PA	N10(Deamidated)	109	2.41E-10	2	1597.805	-0.87	Pupa	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_56304	TFTTQETITNATAAKR	AGAP012167-PA	-	52	7.62E-05	1	1753.909	0.79	Ovary	3L:+:38256722-38256769	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_57457	ISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M18(Oxidation)	123	2.67E-12	1	3242.724	4.66	Malpighian tubule	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_58871	FAAYFQQGDMESNGK	AGAP012167-PA	M10(Oxidation),N13(Deamidated),M10(Oxidation),N13(Deamidated)	91	4.13E-09	2	1693.715	-1	Midgut	3L:+:38257211-38257255	exon=> In CDS Exon 3 of transcript AGAP012167-PA
JHU_Ag_60129	FAAYFQQGDMESNGK	AGAP012167-PA	M10(Oxidation)	37	0.001178016	1	1708.733	3.56	Salivary gland	3L:+:38257211-38257255	exon=> In CDS Exon 3 of transcript AGAP012167-PA
JHU_Ag_61978	ISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M18(Oxidation)	155	1.65E-15	1	3242.725	5	Head	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_63205	EFTEQIHNGVWR	AGAP012167-PA	N8(Deamidated)	73	5.62E-07	1	1515.728	-3.88	Pupa	3L:+:38256482-38256517	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_64196	KISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M19(Oxidation)	146	8.96E-15	1	3370.809	1.59	Malpighian tubule	3L:+:38256533-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_64975	AVLHVALR	AGAP012167-PA	-	47	2.83E-05	1	878.557	-0.04	Malpighian tubule	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_65475	KLFDEDDIR	AGAP012167-PA	-	46	0.000364453	2	1150.574	-0.04	Visceras	3L:+:38254287-38254313	exon=> In CDS Exon 1 of transcript AGAP012167-PA

JHU_Ag_66077	VAAFGIDTK	AGAP012167-PA	-	63	5.76E-06	1	921.503	-1.18	Pupa	3L:+:38256845-38256871	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_66336	TAATAQAELEK	AGAP012167-PA	-	54	6.51E-05	2	1132.585	0.45	Visceras	3L:+:38259976-38260008	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_66790	VFTGNRPTNSILVK	AGAP012167-PA	N9(Deamidated)	55	1.65E-05	1	1546.859	-0.1	Midgut	3L:+:38260054-38260095	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_66800	KLDPETTLFIIASK	AGAP012167-PA	-	97	7.21E-10	1	1575.899	-0.29	Midgut	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_67025	VTPFVLGALIAMYEHK	AGAP012167-PA	M12(Oxidation)	54	3.93E-05	2	1804.982	8.34	Larva	3L:+:38260099-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_67148	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	64	1.76E-06	1	1933.069	3.77	Larva	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_67441	AVLHVALR	AGAP012167-PA	-	48	1.28E-05	2	878.564	7.6	Male reproductive organs	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_67501	SHFVSNVDGTHIAETLKK	AGAP012167-PA	-	107	2.45E-10	1	1983.029	-0.39	Pupa	3L:+:38256629-38256682	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_67880	EFTEQIHNGVWR	AGAP012167-PA	N8(Deamidated)	87	2.51E-08	1	1515.732	-1.31	Midgut	3L:+:38256482-38256517	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_69012	VLLSKDSVYQQIK	AGAP012167-PA	-	49	4.34E-05	1	1520.869	0.57	Pupa	3L:+:38254209-38254247	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_69381	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	N24(Deamidated),N20(Deamidated)	122	8.83E-12	1	2915.426	-0.43	Midgut	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_69823	AVLHVALR	AGAP012167-PA	-	56	3.54E-06	1	878.558	1.14	Ovary	3L:+:38256380-38256403	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_70828	EFTEQIHNGVWR	AGAP012167-PA	N8(Deamidated)	79	1.60E-07	1	1515.730	-2.35	Head	3L:+:38256482-38256517	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_70972	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	AGAP012167-PA	-	120	9.99E-12	1	3654.789	4.48	Ovary	3L:+:38257268-38257360,38259847-38259855	exon=> In CDS Exon 3 and 4 of transcript AGAP012167-PA
JHU_Ag_71805	TAATAQAELEKAGLAGEALEK	AGAP012167-PA	-	112	6.47E-11	1	2072.089	1.01	Pupa	3L:+:38259976-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_72176	DVMPEVNAVLAHMK	AGAP012167-PA	M3(Oxidation), M13(Oxidation)	41	0.001153187	1	1585.777	3.8	Head	3L:+:38256440-38256481	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_72182	LTTPADGDILLDYSK	AGAP012167-PA	-	119	1.75E-11	1	1621.836	2.75	Ovary	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_72660	AGLAGEALEK	AGAP012167-PA	-	53	8.27E-05	2	958.520	-0.53	Midgut	3L:+:38260009-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_73751	TFTTQETITNATAAK	AGAP012167-PA	-	113	8.44E-11	1	1597.810	1.73	Malpighian tubule	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_74214	TFTTQETITNATAAKR	AGAP012167-PA	-	116	3.27E-11	2	1753.910	1.06	Pupa	3L:+:38256722-38256769	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_74579	LTTPADGDILLDYSK	AGAP012167-PA	-	119	1.92E-11	1	1621.835	1.85	Visceras	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_75059	VTDDAWNLLLELAESR	AGAP012167-PA	-	136	3.92E-13	2	1844.944	2.87	Visceras	3L:+:38256269-38256316	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_75218	AGLAGEALEKLLPHK	AGAP012167-PA	-	38	0.000436456	1	1546.899	2.4	Malpighian tubule	3L:+:38260009-38260053	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_75573	VTDDAWNLLLELAESR	AGAP012167-PA	-	64	5.19E-06	2	1844.949	5.45	Malpighian tubule	3L:+:38256269-38256316	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_76348	EYYNANGASINIK	AGAP012167-PA	N6(Deamidated)	90	1.17E-08	1	1457.690	-0.6	Midgut	3L:+:38254248-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_76606	SNKPILVDGK	AGAP012167-PA	-	57	1.10E-05	1	1070.615	-4.71	Head	3L:+:38256410-38256439	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_76859	FAAYFQQGDMESNGK	AGAP012167-PA	M10(Oxidation), N13(Deamidated),N13(Deamidated)	98	7.93E-10	1	1693.719	1.38	Pupa	3L:+:38257211-38257255	exon=> In CDS Exon 3 of transcript AGAP012167-PA

JHU_Ag_77554	KLDPETTLFIIASK	AGAP012167-PA	-	96	8.26E-10	1	1575.903	2.42	Visceras	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_77671	TFTTQETITNATAAK	AGAP012167-PA	-	102	1.08E-09	2	1597.807	-0.18	Salivary gland	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_77854	TAATAQAELEK	AGAP012167-PA	-	82	1.07E-07	1	1132.585	0.23	Pupa	3L:+:38259976-38260008	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_78187	VTDDAWNLLLELAESRDVVK	AGAP012167-PA	-	72	5.30E-07	1	2286.203	2.41	Pupa	3L:+:38256269-38256328	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_79407	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	88	2.06E-08	1	1854.938	1.69	Male reproductive organs	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_80513	EYYNANGASINIK	AGAP012167-PA	N6(Deamidated),N11(Deamidated)	86	3.19E-08	1	1457.691	0.16	Pupa	3L:+:38254248-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_80687	DSVYQQIK	AGAP012167-PA	-	43	0.000709336	2	980.505	0.17	Midgut	3L:+:38254224-38254247	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_80908	LFDEDDIRFDK	AGAP012167-PA	-	53	7.13E-05	1	1412.671	1.54	Malpighian tubule	3L:+:38254290-38254322	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_83587	VTDDAWNLLLELAESR	AGAP012167-PA	-	132	9.51E-13	2	1844.950	5.98	Head	3L:+:38256269-38256316	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_84065	DSVYQQIKEYYNANGASINIK	AGAP012167-PA	-	63	8.22E-06	1	2418.203	3.73	Head	3L:+:38254224-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_85305	LFDEDDIRFDK	AGAP012167-PA	-	68	2.27E-06	1	1412.671	0.9	Visceras	3L:+:38254290-38254322	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_86974	SHFVSNVDGTHIAETLKK	AGAP012167-PA	-	61	9.93E-06	1	1983.031	0.63	Midgut	3L:+:38256629-38256682	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_87809	DSVYQQIK	AGAP012167-PA	-	52	9.83E-05	1	980.504	-0.76	Pupa	3L:+:38254224-38254247	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_88343	LTTPADGDILLDYSK	AGAP012167-PA	-	131	1.04E-12	1	1621.838	3.73	Head	3L:+:38256218-38256262	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_89322	VFTGNRPTNSILVK	AGAP012167-PA	-	48	7.61E-05	1	1545.875	0.38	Visceras	3L:+:38260054-38260095	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_89336	TFTTQETITNATAAK	AGAP012167-PA	-	109	2.13E-10	2	1597.807	0.36	Ovary	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_92633	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	AGAP012167-PA	Q27(Deamidated),Q22(Deamidated),N20(Deamidated),Q31(Deamidated)	150	8.53E-15	1	3655.768	3.25	Pupa	3L:+:38257268-38257360,38259847-38259855	exon=> In CDS Exon 3 and 4 of transcript AGAP012167-PA
JHU_Ag_92931	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	Q11(Deamidated),N24(Deamidated),N20(Deamidated),N10(Deamidated)	102	8.81E-10	1	2915.432	1.83	Pupa	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_93651	HFVALSTNKEK	AGAP012167-PA	-	75	4.33E-07	1	1273.689	-0.73	Pupa	3L:+:38256812-38256844	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_94326	VLLSKDSVYQQIK	AGAP012167-PA	-	102	1.96E-10	1	1520.874	3.62	Head	3L:+:38254209-38254247	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_95223	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	117	3.03E-11	1	1854.935	0.31	Salivary gland	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_96121	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	140	1.35E-13	1	1854.936	0.9	Head	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_96128	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	AGAP012167-PA	Q27(Deamidated),Q22(Deamidated),N20(Deamidated),Q31(Deamidated)	92	5.99E-09	1	3654.772	-0.26	Midgut	3L:+:38257268-38257360,38259847-38259855	exon=> In CDS Exon 3 and 4 of transcript AGAP012167-PA
JHU_Ag_96207	AGETVDFATGPIVWGEPGTNGQHAFYQLIHQGTR	AGAP012167-PA	N20(Deamidated)	81	6.79E-08	1	3655.779	6.04	Salivary gland	3L:+:38257268-38257360,38259847-38259855	exon=> In CDS Exon 3 and 4 of transcript AGAP012167-PA

JHU_Ag_96706	FAAYFQQGDMESNGK	AGAP012167-PA	M10(Oxidation)	118	8.96E-12	1	1692.733	0.66	Head	3L:+:38257211-38257255	exon=> In CDS Exon 3 of transcript AGAP012167-PA
JHU_Ag_96785	TFTTQETITNATAAK	AGAP012167-PA	-	88	2.66E-08	2	1597.810	2.19	Midgut	3L:+:38256722-38256766	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_96873	LFDEDDIR	AGAP012167-PA	-	51	9.33E-05	1	1022.481	2.42	Head	3L:+:38254290-38254313	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_97703	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	N24(Deamidated),N20(Deamidated)	86	3.51E-08	1	2914.439	-1.31	Salivary gland	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_97938	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	94	5.63E-09	1	1854.940	2.97	Larva	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_99250	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	110	3.97E-11	1	1917.067	0.13	Midgut	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_99514	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	N20(Deamidated)	148	1.79E-14	1	2914.446	1.14	Malpighian tubule	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_99870	AGLAGEALEK	AGAP012167-PA	-	44	0.000659065	1	958.522	1.27	Head	3L:+:38260009-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_100937	FDKFHLK	AGAP012167-PA	-	37	0.001996668	2	934.513	-1.15	Visceras	3L:+:38254314-38254327,38256211-38256217	exon=> In CDS Exon 1 and 2 of transcript AGAP012167-PA
JHU_Ag_101505	LFDEDDIR	AGAP012167-PA	-	53	6.88E-05	2	1022.478	-0.76	Malpighian tubule	3L:+:38254290-38254313	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_101832	VTDDAWNLLLELAESR	AGAP012167-PA	-	153	6.64E-15	1	1844.944	2.94	Pupa	3L:+:38256269-38256316	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_102033	VTDDAWNLLLELAESRDVVK	AGAP012167-PA	-	91	7.40E-09	1	2286.206	3.77	Malpighian tubule	3L:+:38256269-38256328	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_103088	AGLAGEALEK	AGAP012167-PA	-	61	1.32E-05	1	958.520	-0.53	Pupa	3L:+:38260009-38260038	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_103375	NMFEFWDWVGGR	AGAP012167-PA	M2(Oxidation)	81	4.83E-08	2	1559.677	2.31	Visceras	3L:+:38256872-38256907	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_103422	LFDEDDIRFDK	AGAP012167-PA	-	79	1.95E-07	1	1412.672	2.02	Head	3L:+:38254290-38254322	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_104034	HFVALSTNK	AGAP012167-PA	-	45	0.000542942	2	1016.552	-0.58	Visceras	3L:+:38256812-38256838	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_104103	LDPETTLFIIASK	AGAP012167-PA	-	86	1.88E-08	2	1447.802	-1.33	Midgut	3L:+:38256683-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_104692	FAAYFQQGDMESNGK	AGAP012167-PA	M10(Oxidation)	93	2.66E-09	2	1708.730	1.78	Ovary	3L:+:38257211-38257255	exon=> In CDS Exon 3 of transcript AGAP012167-PA
JHU_Ag_105207	FAAYFQQGDMESNGK	AGAP012167-PA	N13(Deamidated),M10(Oxidation),"M10(Oxidation),N13(Deamidated)"	115	2.12E-11	1	1692.734	1.1	Malpighian tubule	3L:+:38257211-38257255	exon=> In CDS Exon 3 of transcript AGAP012167-PA
JHU_Ag_105446	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	70	6.28E-07	1	1933.066	2.16	Pupa	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_105656	AIEVDLADPNQTTTHDSSTNGLINFIK	AGAP012167-PA	Q11(Deamidated),N24(Deamidated),N20(Deamidated),N10(Deamidated)	36	0.003188467	1	2915.446	6.67	Larva	3L:+:38260225-38260305	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_105896	EFTEQIHNGVWR	AGAP012167-PA	N8(Deamidated)	100	1.31E-09	1	1516.717	-0.67	Visceras	3L:+:38256482-38256517	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_105901	EYYNANGASINIK	AGAP012167-PA	N6(Deamidated)	93	6.79E-09	1	1456.710	2.09	Head	3L:+:38254248-38254286	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_106041	SHFVSNVDGTHIAETLK	AGAP012167-PA	-	106	3.42E-10	1	1854.940	3.07	Midgut	3L:+:38256629-38256679	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_106127	KLDPETTLFIIASK	AGAP012167-PA	-	100	3.37E-10	1	1575.903	2.26	Ovary	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA

JHU_Ag_106849	VFTGNRPTNSILVK	AGAP012167-PA	-	39	0.000523658	2	1545.877	1.49	Ovary	3L:+:38260054-38260095	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_107067	VAAFGIDTK	AGAP012167-PA	-	63	4.72E-06	1	921.504	-0.05	Head	3L:+:38256845-38256871	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_109474	ISDVVNIGIGGSDLGPLMVTEALKPYNQGIR	AGAP012167-PA	M18(Oxidation)	135	1.61E-13	1	3242.721	3.53	Visceras	3L:+:38256536-38256628	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_109796	EKVAAFGIDTK	AGAP012167-PA	-	46	0.000246284	2	1178.644	1.98	Head	3L:+:38256839-38256871	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_111281	HFVALSTNK	AGAP012167-PA	-	56	3.56E-05	1	1016.553	0.76	Midgut	3L:+:38256812-38256838	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_111475	LFDEDDIRFDK	AGAP012167-PA	-	62	9.72E-06	1	1412.671	1.16	Midgut	3L:+:38254290-38254322	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_112745	LTTPADGDILLDYSKNR	AGAP012167-PA	-	105	3.96E-10	1	1891.981	2.42	Malpighian tubule	3L:+:38256218-38256268	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_113477	KVTPFVLGALIAMYEHK	AGAP012167-PA	M13(Oxidation)	121	4.56E-12	1	1933.067	2.82	Head	3L:+:38260096-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_113840	INVTENR	AGAP012167-PA	-	39	0.002933976	2	845.448	0.1	Malpighian tubule	3L:+:38256359-38256379	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_115380	KLDPETTLFIIASK	AGAP012167-PA	-	63	2.42E-06	1	1575.896	-1.92	Male reproductive organs	3L:+:38256680-38256721	exon=> In CDS Exon 2 of transcript AGAP012167-PA
JHU_Ag_116346	VTPFVLGALIAMYEHK	AGAP012167-PA	M12(Oxidation)	34	0.004117011	1	1804.968	0.62	Pupa	3L:+:38260099-38260146	exon=> In CDS Exon 4 of transcript AGAP012167-PA
JHU_Ag_117517	KLFDEDDIR	AGAP012167-PA	-	77	3.16E-07	2	1150.576	1.77	Head	3L:+:38254287-38254313	exon=> In CDS Exon 1 of transcript AGAP012167-PA
JHU_Ag_7313	EIQSYTTPFEEAPSGMMAR	AGAP012168-PA	M16(Oxidation), M17(Oxidation)	78	1.20E-07	1	2176.950	-1.33	Head	3L:-:38263984-38263928	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_14906	DPMELDLTGDLTK	AGAP012168-PA	M3(Oxidation)	111	1.22E-10	1	1463.697	2.36	Head	3L:-:38265018-38264980	exon=> In CDS Exon 2 of transcript AGAP012168-PA
JHU_Ag_15190	IIFDESDPRK	AGAP012168-PA	-	40	0.001712839	1	1219.634	1.48	Midgut	3L:-:38265167-38265338,38264968-38265058	exon=> In CDS Exon 2 and 1 of transcript AGAP012168-PA
JHU_Ag_15654	TIEEIMAADAEDESLR	AGAP012168-PA	M6(Oxidation)	119	1.21E-11	2	1808.823	0.53	Male reproductive organs	3L:-:38265257-38265210	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_19573	STEKEMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	N-Term(Acetyl), M6(Oxidation)	62	4.59E-06	1	3099.353	1.33	Visceras	3L:-:38265335-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_21799	TIEEIMAADAEDESLRK	AGAP012168-PA	M6(Oxidation)	115	5.04E-11	1	1936.916	-0.38	Head	3L:-:38265257-38265207	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_21952	DPMELDLTGDLTK	AGAP012168-PA	M3(Oxidation)	90	1.44E-08	1	1463.696	1.61	Ovary	3L:-:38265018-38264980	exon=> In CDS Exon 2 of transcript AGAP012168-PA
JHU_Ag_22394	NVFVIK	AGAP012168-PA	-	51	1.59E-05	1	719.445	-0.09	Male reproductive organs	3L:-:38264970-38265077,38264782-38264882	exon=> In CDS Exon 3 and 2 of transcript AGAP012168-PA
JHU_Ag_23736	EIQSYTTPFEEAPSGMMAR	AGAP012168-PA	M16(Oxidation),"M16(Oxidation), M17(Oxidation)",M17(Oxidation)	97	1.73E-09	1	2176.953	0.02	Midgut	3L:-:38263984-38263928	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_25868	WDWSFEIKK	AGAP012168-PA	-	39	0.001845807	2	1238.621	0.23	Midgut	3L:-:38263870-38263844	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_27149	IRIDFVVQR	AGAP012168-PA	-	34	0.001586575	1	1145.680	1.26	Ovary	3L:-:38264863-38264837	exon=> In CDS Exon 3 of transcript AGAP012168-PA
JHU_Ag_29753	GTYSVTSLFTDDDKNEHLK	AGAP012168-PA	-	44	0.000609505	1	2170.027	-1.18	Head	3L:-:38263927-38263871	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_33044	GTYSVTSLFTDDDKNEHLK	AGAP012168-PA	-	87	2.73E-08	1	2170.034	1.68	Ovary	3L:-:38263927-38263871	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_34119	IDFVVQR	AGAP012168-PA	-	40	0.001184213	2	876.494	-0.21	Male reproductive organs	3L:-:38264857-38264837	exon=> In CDS Exon 3 of transcript AGAP012168-PA

JHU_Ag_35185	LALLVADRDPMELDLTGDLTK	AGAP012168-PA	M11(Oxidation)	121	5.14E-12	1	2315.231	6.11	Larva	3L:-:38265042-38264980	exon=> In CDS Exon 2 of transcript AGAP012168-PA
JHU_Ag_35836	GTYSVTSLFTDDDKNEHLK	AGAP012168-PA	-	71	1.25E-06	1	2170.030	0	Pupa	3L:-:38263927-38263871	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_37122	IRIDFVVQR	AGAP012168-PA	-	39	0.000396172	1	1145.681	1.7	Head	3L:-:38264863-38264837	exon=> In CDS Exon 3 of transcript AGAP012168-PA
JHU_Ag_38877	TIEEIMAADAEDESLRK	AGAP012168-PA	M6(Oxidation)	108	2.71E-10	1	1936.917	-0.13	Male reproductive organs	3L:-:38265257-38265207	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_43749	EMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	M2(Oxidation)	81	5.49E-08	1	2612.129	3.31	Male reproductive organs	3L:-:38265323-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_46126	EMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	M2(Oxidation)	67	1.73E-06	1	2612.134	5.2	Midgut	3L:-:38265323-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_56167	LALLVADRDPMELDLTGDLTK	AGAP012168-PA	M11(Oxidation)	142	4.17E-14	1	2315.229	5.63	Head	3L:-:38265042-38264980	exon=> In CDS Exon 2 of transcript AGAP012168-PA
JHU_Ag_56411	IIFDESDPR	AGAP012168-PA	-	61	1.41E-05	1	1091.539	1.87	Male reproductive organs	3L:-:38265167-38265338,38264968-38265061	exon=> In CDS Exon 2 and 1 of transcript AGAP012168-PA
JHU_Ag_56880	IRIDFVVQR	AGAP012168-PA	-	42	0.000248577	1	1145.679	-0.43	Midgut	3L:-:38264863-38264837	exon=> In CDS Exon 3 of transcript AGAP012168-PA
JHU_Ag_58127	YKEALLGEAQAEK	AGAP012168-PA	-	79	1.61E-07	2	1449.758	-0.32	Male reproductive organs	3L:-:38265206-38265168	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_58348	STEKEMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	N-Term(Acetyl), M6(Oxidation)	84	2.26E-08	1	3099.340	-2.8	Midgut	3L:-:38265335-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_58531	GTYSVTSLFTDDDKNEHLK	AGAP012168-PA	-	106	3.68E-10	1	2170.032	0.96	Male reproductive organs	3L:-:38263927-38263871	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_58672	LALLVADRDPMELDLTGDLTK	AGAP012168-PA	M11(Oxidation)	136	2.12E-13	1	2315.218	0.73	Ovary	3L:-:38265042-38264980	exon=> In CDS Exon 2 of transcript AGAP012168-PA
JHU_Ag_60059	IIFDESDPRK	AGAP012168-PA	-	57	3.53E-05	1	1219.630	-1.13	Ovary	3L:-:38265167-38265338,38264968-38265058	exon=> In CDS Exon 2 and 1 of transcript AGAP012168-PA
JHU_Ag_62818	STEKEMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	N-Term(Acetyl), M6(Oxidation)	125	2.26E-12	1	3099.352	1.22	Ovary	3L:-:38265335-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_66761	TIEEIMAADAEDESLRK	AGAP012168-PA	M6(Oxidation)	98	2.62E-09	2	1920.921	-0.75	Midgut	3L:-:38265257-38265207	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_67310	NVFVIK	AGAP012168-PA	-	43	9.55E-05	1	719.444	-1.36	Midgut	3L:-:38264970-38265077,38264782-38264882	exon=> In CDS Exon 3 and 2 of transcript AGAP012168-PA
JHU_Ag_68348	TIEEIMAADAEDESLRK	AGAP012168-PA	M6(Oxidation)	123	7.81E-12	1	1936.919	1.19	Ovary	3L:-:38265257-38265207	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_70299	EMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	M2(Oxidation)	156	1.67E-15	1	2612.118	-1.1	Ovary	3L:-:38265323-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_70606	LALLVADR	AGAP012168-PA	-	54	1.76E-05	2	870.541	-0.03	Ovary	3L:-:38265042-38265019	exon=> In CDS Exon 2 of transcript AGAP012168-PA
JHU_Ag_74510	GTYSVTSLFTDDDKNEHLK	AGAP012168-PA	-	99	2.10E-09	1	2170.029	-0.28	Midgut	3L:-:38263927-38263871	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_75915	EIQSYTTPFEEAPSGMMAR	AGAP012168-PA	M16(Oxidation), M17(Oxidation)	93	4.73E-09	1	2176.956	1.7	Ovary	3L:-:38263984-38263928	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_77697	IIFDESDPRK	AGAP012168-PA	-	53	9.36E-05	1	1219.631	-0.32	Male reproductive organs	3L:-:38265167-38265338,38264968-38265058	exon=> In CDS Exon 2 and 1 of transcript AGAP012168-PA
JHU_Ag_81142	LALLVADRDPMELDLTGDLTK	AGAP012168-PA	M11(Oxidation)	138	1.04E-13	1	2315.235	7.93	Malpighian tubule	3L:-:38265042-38264980	exon=> In CDS Exon 2 of transcript AGAP012168-PA
JHU_Ag_82516	LALLVADRDPMELDLTGDLTK	AGAP012168-PA	M11(Oxidation)	143	3.86E-14	1	2315.217	0.17	Midgut	3L:-:38265042-38264980	exon=> In CDS Exon 2 of transcript AGAP012168-PA

JHU_Ag_83236	EMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	M2(Oxidation),"M2(Oxidation), Q17(Deamidated)","M2(Oxidation), Q21(Deamidated)","M2(Oxidation), N15(Deamidated)","M2(Oxidation), Q9(Deamidated)"	101	4.80E-10	1	2612.125	1.84	Head	3L:-:38265323-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_83635	STEKEMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	N-Term(Acetyl), M6(Oxidation)	105	2.04E-10	1	3099.346	-0.91	Male reproductive organs	3L:-:38265335-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_88388	EIQSYTTPFEEAPSGMMAR	AGAP012168-PA	M16(Oxidation),"M16(Oxidation), M17(Oxidation)",M17(Oxidation)	85	2.44E-08	1	2176.951	-0.55	Malpighian tubule	3L:-:38263984-38263928	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_92988	STEKEMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	N-Term(Acetyl)	104	2.77E-10	1	3083.358	1.31	Malpighian tubule	3L:-:38265335-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_93338	EIQSYTTPFEEAPSGMMAR	AGAP012168-PA	M16(Oxidation), M17(Oxidation)	88	1.15E-08	1	2176.950	-0.99	Male reproductive organs	3L:-:38263984-38263928	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_97064	IIFDESDPR	AGAP012168-PA	-	59	2.13E-05	2	1091.538	0.87	Ovary	3L:-:38265167-38265338,38264968-38265061	exon=> In CDS Exon 2 and 1 of transcript AGAP012168-PA
JHU_Ag_100361	YKEALLGEAQAEK	AGAP012168-PA	-	106	3.29E-10	1	1449.759	0.69	Head	3L:-:38265206-38265168	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_101514	IDFVVQR	AGAP012168-PA	-	42	0.000611547	2	876.493	-0.63	Midgut	3L:-:38264857-38264837	exon=> In CDS Exon 3 of transcript AGAP012168-PA
JHU_Ag_102365	GTYSVTSLFTDDDKNEHLK	AGAP012168-PA	-	59	1.80E-05	1	2170.037	3.29	Malpighian tubule	3L:-:38263927-38263871	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_102589	GTYSVTSLFTDDDK	AGAP012168-PA	-	86	3.16E-08	1	1548.711	3	Head	3L:-:38263927-38263886	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_104981	MVQMVGSYPPK	AGAP012168-PA	M1(Oxidation), M4(Oxidation)	47	0.00027303	2	1268.603	1.5	Male reproductive organs	3L:-:38264020-38263988	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_109456	EALLGEAQAEK	AGAP012168-PA	-	49	0.000198202	2	1158.606	4.73	Malpighian tubule	3L:-:38265200-38265168	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_109576	IIFDESDPRK	AGAP012168-PA	-	33	0.009271921	1	1219.626	-4.43	Head	3L:-:38265167-38265338,38264968-38265058	exon=> In CDS Exon 2 and 1 of transcript AGAP012168-PA
JHU_Ag_110212	EALLGEAQAEK	AGAP012168-PA	-	51	0.000124601	2	1158.600	-0.22	Male reproductive organs	3L:-:38265200-38265168	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_113020	MVQMVGSYPPKK	AGAP012168-PA	M1(Oxidation), M4(Oxidation)	43	0.000798193	1	1396.698	1.35	Ovary	3L:-:38264020-38263985	exon=> In CDS Exon 4 of transcript AGAP012168-PA
JHU_Ag_113785	STEKEMNPAEVEQEEHDSNYQPPPQK	AGAP012168-PA	N-Term(Acetyl), M6(Oxidation)	92	3.71E-09	1	3099.352	1.22	Malpighian tubule	3L:-:38265335-38265258	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_113849	IIFDESDPR	AGAP012168-PA	-	42	0.001086029	2	1091.536	-0.36	Midgut	3L:-:38265167-38265338,38264968-38265061	exon=> In CDS Exon 2 and 1 of transcript AGAP012168-PA
JHU_Ag_114997	EALLGEAQAEK	AGAP012168-PA	-	75	5.42E-07	1	1158.600	-0.54	Ovary	3L:-:38265200-38265168	exon=> In CDS Exon 1 of transcript AGAP012168-PA
JHU_Ag_78121	VVQHILR	AGAP012173-PA	-	21	0.00570293	1	864.543	2.2	Ovary	3L:-:38307140-38307120	exon=> In CDS Exon 1 of transcript AGAP012173-PA
JHU_Ag_15180	SDVYDLDVVSNSTNSSSK	AGAP012175-PA	-	87	2.13E-08	2	1916.874	1.13	Head	3L:-:38328440-38328387	exon=> In CDS Exon 6 of transcript AGAP012175-PA
JHU_Ag_26960	TNCLDCLDR	AGAP012175-PA	C3(Carbamidomethyl), C6(Carbamidomethyl)	38	0.000893626	2	1166.495	2.13	Head	3L:-:38331030-38331004	exon=> In CDS Exon 2 of transcript AGAP012175-PA
JHU_Ag_40860	SGGPPPLPARPNNP	AGAP012175-PA	-	33	0.005526599	2	1370.719	1.05	Head	3L:-:38328218-38328177	exon=> In CDS Exon 6 of transcript AGAP012175-PA

JHU_Ag_42238	FGVECNFWLLK	AGAP012175-PA	C5(Carbamidomethyl)	33	0.00668116	2	1412.709	4.05	Head	3L:-:38331672-38331640	exon=> In CDS Exon 2 of transcript AGAP012175-PA
JHU_Ag_52878	IYAGTGAIQGGSK	AGAP012175-PA	-	38	0.002138996	1	1222.643	-0.05	Head	3L:-:38330850-38330812	exon=> In CDS Exon 2 of transcript AGAP012175-PA
JHU_Ag_59544	ESEHTDVPHLVFDYHQECR	AGAP012175-PA	C18(Carbamidomethyl)	108	1.14E-10	1	2398.049	-1.08	Head	3L:-:38331207-38331151	exon=> In CDS Exon 2 of transcript AGAP012175-PA
JHU_Ag_74082	QSPHDLTAVLQYDQLR	AGAP012175-PA	-	66	2.93E-06	1	1883.964	1.51	Head	3L:-:38329720-38329673	exon=> In CDS Exon 5 of transcript AGAP012175-PA
JHU_Ag_74797	DVSLADWLLDCHR	AGAP012175-PA	C11(Carbamidomethyl)	66	3.58E-06	1	1599.768	6.18	Head	3L:-:38330457-38330419	exon=> In CDS Exon 3 of transcript AGAP012175-PA
JHU_Ag_86380	YGQQAIVNLLGTSLIGSK	AGAP012175-PA	-	51	2.85E-05	1	1862.043	2.38	Head	3L:-:38331306-38331253	exon=> In CDS Exon 2 of transcript AGAP012175-PA
JHU_Ag_94770	SKPPSPHSVLLEHR	AGAP012175-PA	-	33	0.00311408	1	1583.871	3.66	Head	3L:-:38334538-38334497	exon=> In CDS Exon 1 of transcript AGAP012175-PA
JHU_Ag_100721	RYEEYVNPLVFR	AGAP012175-PA	-	90	1.21E-08	1	1584.817	0.15	Head	3L:-:38330553-38330518	exon=> In CDS Exon 3 of transcript AGAP012175-PA
JHU_Ag_110291	ILLPSNMLHAPTPVLR	AGAP012175-PA	M7(Oxidation)	42	0.00020487	2	1788.027	3.99	Head	3L:-:38330682-38332100,38330403-38330566	exon=> In CDS Exon 3 and 2 of transcript AGAP012175-PA
JHU_Ag_2809	LIEYTDTMLR	AGAP012179-PA	M8(Oxidation)	49	0.000181521	2	1254.640	0.32	Head	3L:-:38362065-38362125,38361860-38361910	exon=> In CDS Exon 7 and 6 of transcript AGAP012179-PA
JHU_Ag_16417	EYDSDNSGYIEADELK	AGAP012179-PA	-	108	7.58E-11	2	1847.785	1.9	Midgut	3L:-:38363215-38363168	exon=> In CDS Exon 5 of transcript AGAP012179-PA
JHU_Ag_20030	DNNGSIENEELR	AGAP012179-PA	N3(Deamidated)	51	5.31E-05	2	1390.602	-4.27	Midgut	3L:-:38353940-38353905	exon=> In CDS Exon 10 of transcript AGAP012179-PA
JHU_Ag_29076	DGNGYIEGSELDGFLK	AGAP012179-PA	-	74	6.43E-07	2	1713.802	3.33	Midgut	3L:-:38371257-38371401,38368978-38369020	exon=> In CDS Exon 2 and 1 of transcript AGAP012179-PA
JHU_Ag_38095	EYDSDNSGYIEADELK	AGAP012179-PA	-	116	1.21E-11	1	1847.781	-0.42	Head	3L:-:38363215-38363168	exon=> In CDS Exon 5 of transcript AGAP012179-PA
JHU_Ag_46296	LSANQFMDVWSHYDR	AGAP012179-PA	M7(Oxidation)	94	4.11E-09	1	1884.838	2.26	Head	3L:-:38371302-38371258	exon=> In CDS Exon 1 of transcript AGAP012179-PA
JHU_Ag_52069	FDNPLESSVEFMK	AGAP012179-PA	-	62	9.20E-06	2	1542.719	3.15	Head	3L:-:38363415-38363377	exon=> In CDS Exon 4 of transcript AGAP012179-PA
JHU_Ag_58107	VFSLYDR	AGAP012179-PA	-	33	0.004039868	2	899.462	-0.1	Head	3L:-:38354041-38354021	exon=> In CDS Exon 9 of transcript AGAP012179-PA
JHU_Ag_61345	ELTMILLALAK	AGAP012179-PA	M4(Oxidation)	52	1.75E-05	2	1231.736	2.27	Head	3L:-:38353692-38353660	exon=> In CDS Exon 11 of transcript AGAP012179-PA
JHU_Ag_67950	VFSLYDRDNNGSIENEELR	AGAP012179-PA	N10(Deamidated)	53	8.01E-05	1	2270.075	2.68	Midgut	3L:-:38354041-38354077,38353869-38353905	exon=> In CDS Exon 10 and 9 of transcript AGAP012179-PA
JHU_Ag_70415	DGNGYIEGSELDGFLK	AGAP012179-PA	N3(Deamidated)	102	9.32E-10	2	1713.800	1.7	Head	3L:-:38371257-38371401,38368978-38369020	exon=> In CDS Exon 2 and 1 of transcript AGAP012179-PA
JHU_Ag_73827	DNNGSIENEELR	AGAP012179-PA	N3(Deamidated)	78	1.36E-07	1	1390.610	1.26	Head	3L:-:38353940-38353905	exon=> In CDS Exon 10 of transcript AGAP012179-PA
JHU_Ag_101934	VFSLYDRDNNGSIENEELR	AGAP012179-PA	-	63	9.82E-06	1	2270.069	0.34	Visceras	3L:-:38354041-38354077,38353869-38353905	exon=> In CDS Exon 10 and 9 of transcript AGAP012179-PA
JHU_Ag_102041	DLLELVK	AGAP012179-PA	-	41	0.000869036	2	829.503	-0.38	Head	3L:-:38353892-38353872	exon=> In CDS Exon 10 of transcript AGAP012179-PA
JHU_Ag_115556	KDYDAQDLIEFEETILR	AGAP012179-PA	-	54	5.28E-05	2	2098.056	10.36	Midgut	3L:-:38353871-38353940,38353636-38353732	exon=> In CDS Exon 11 and 10 of transcript AGAP012179-PA

JHU_Ag_72093	ETGGLATPYASTTLPSSR	AGAP012181-PA	-	45	0.000503266	2	1808.911	4.91	Head	3L:-:38408370-38408317	exon=> In CDS Exon 7 of transcript AGAP012181-PA
JHU_Ag_87986	SFLTNSDEDPPIAPSIVR	AGAP012181-PA	-	60	1.45E-05	2	1957.993	3.29	Head	3L:-:38411155-38411102	exon=> In CDS Exon 1 of transcript AGAP012181-PA
JHU_Ag_95553	ETGGLATPYASTTLPSSR	AGAP012181-PA	-	50	0.00014877	2	1808.905	1.4	Visceras	3L:-:38408370-38408317	exon=> In CDS Exon 7 of transcript AGAP012181-PA
JHU_Ag_100979	SFLTNSDEDPPIAPSIVR	AGAP012181-PA	-	70	1.65E-06	1	1957.993	3.42	Visceras	3L:-:38411155-38411102	exon=> In CDS Exon 1 of transcript AGAP012181-PA
JHU_Ag_115744	FFGDTDTEYGDQNATSYR	AGAP012181-PA	-	84	1.74E-08	2	2086.871	3.89	Head	3L:-:38409656-38409603	exon=> In CDS Exon 3 of transcript AGAP012181-PA
JHU_Ag_12281	STDTEATPSTPPLLAEAVLR	AGAP012183-PA	-	48	0.000193677	1	2069.079	1.19	Head	3L:+:38458357-38458416	exon=> In CDS Exon 2 of transcript AGAP012183-PA
JHU_Ag_42280	GDHLLQNILLK	AGAP012183-PA	-	43	0.000186736	3	1263.739	-2.68	Head	3L:+:38458906-38458938	exon=> In CDS Exon 2 of transcript AGAP012183-PA
JHU_Ag_63102	SKGDHLLQNILLK	AGAP012183-PA	-	51	1.49E-05	1	1478.875	4.06	Malpighian tubule	3L:+:38458900-38458938	exon=> In CDS Exon 2 of transcript AGAP012183-PA
JHU_Ag_64418	LNEIFNALSAER	AGAP012183-PA	-	36	0.003871398	2	1376.717	0.3	Ovary	3L:+:38460632-38460667	exon=> In CDS Exon 4 of transcript AGAP012183-PA
JHU_Ag_74020	LVDNIFPANPEDGLVK	AGAP012183-PA	-	46	0.000266429	2	1740.919	1.28	Head	3L:+:38457778-38457825	exon=> In CDS Exon 2 of transcript AGAP012183-PA
JHU_Ag_100371	IGEYLYQR	AGAP012183-PA	-	40	0.000837997	2	1041.541	4.37	Malpighian tubule	3L:+:38457883-38457906	exon=> In CDS Exon 2 of transcript AGAP012183-PA
JHU_Ag_3011	AKLVCSPDYAYGSR	AGAP012184-PA	C5(Carbamidomethyl)	70	1.46E-06	1	1586.763	-0.45	Malpighian tubule	3L:-:38473418-38473377	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_9382	GHPGVIPPNAR	AGAP012184-PA	-	39	0.001436715	2	1114.608	-3.43	Head	3L:-:38473376-38473344	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_12000	LVCSPDYAYGSR	AGAP012184-PA	C3(Carbamidomethyl)	75	2.43E-07	1	1387.630	-0.77	Head	3L:-:38473412-38473377	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_12199	GVQIVPIANGDQTTFPKPGQTAVVHYTGTLDDGTVFDSSR	AGAP012184-PA	-	94	3.43E-09	1	4189.103	4.49	Visceras	3L:-:38473762-38473765,38473308-38473512	exon=> In CDS Exon 2 and 1 of transcript AGAP012184-PA
JHU_Ag_15005	LTFDVELLRVE	AGAP012184-PA	-	66	1.49E-06	2	1333.742	4.57	Visceras	3L:-:38473343-38473311	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_15571	GEVIRGWDEGVAQMSVGQR	AGAP012184-PA	M14(Oxidation)	102	9.79E-10	1	2090.016	3.4	Malpighian tubule	3L:-:38473475-38473419	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_19826	LTFDVELLRVE	AGAP012184-PA	-	66	2.11E-06	1	1333.737	0.36	Ovary	3L:-:38473343-38473311	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_27725	GWDEGVAQMSVGQR	AGAP012184-PA	M9(Oxidation)	85	3.32E-08	2	1519.697	1.02	Visceras	3L:-:38473460-38473419	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_28393	LTFDVELLRVE	AGAP012184-PA	-	79	9.48E-08	1	1333.742	4.39	Malpighian tubule	3L:-:38473343-38473311	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_42992	GVQIVPIANGDQTTFPKPGQTAVVHYTGTLDDGTVFDSSR	AGAP012184-PA	-	65	2.72E-06	1	4189.100	3.88	Malpighian tubule	3L:-:38473762-38473765,38473308-38473512	exon=> In CDS Exon 2 and 1 of transcript AGAP012184-PA
JHU_Ag_44087	GHPGVIPPNAR	AGAP012184-PA	-	42	0.000786211	1	1114.613	0.95	Ovary	3L:-:38473376-38473344	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_45321	GWDEGVAQMSVGQR	AGAP012184-PA	M9(Oxidation)	94	4.33E-09	2	1535.691	0.18	Head	3L:-:38473460-38473419	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_52958	LTFDVELLR	AGAP012184-PA	-	67	1.53E-06	2	1105.627	1.48	Head	3L:-:38473343-38473317	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_67257	FSVGKGEVIR	AGAP012184-PA	-	47	0.000153743	1	1091.618	-2.51	Malpighian tubule	3L:-:38473490-38473461	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_67932	GWDEGVAQMSVGQR	AGAP012184-PA	M9(Oxidation)	99	1.34E-09	2	1519.695	-0.43	Midgut	3L:-:38473460-38473419	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_68489	GWDEGVAQMSVGQR	AGAP012184-PA	M9(Oxidation)	62	7.52E-06	2	1535.695	3.04	Larva	3L:-:38473460-38473419	exon=> In CDS Exon 2 of transcript AGAP012184-PA

JHU_Ag_72337	GVQIVPIANGDQTTFPKPGQTAVVHY TGTLDDGTVFDSSR	AGAP012184-PA	-	31	0.007506 179	1	4189.083	-0.28	Head	3L:-:38473762-38473765,38473308-38473512	exon=> In CDS Exon 2 and 1 of transcript AGAP012184-PA
JHU_Ag_73215	LVCSPDYAYGSR	AGAP012184-PA	C3(Carbamidomethyl)	84	3.70E-08	1	1387.634	1.79	Ovary	3L:-:38473412-38473377	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_87919	GWDEGVAQMSVGQR	AGAP012184-PA	M9(Oxidation)	108	1.47E-10	2	1535.690	-0.29	Ovary	3L:-:38473460-38473419	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_88519	GVQIVPIANGDQTTFPKPGQTAVVHY TGTLDDGTVFDSSRTR	AGAP012184-PA	-	34	0.002451 478	1	4446.257	5.45	Malpighian tubule	3L:-:38473762-38473765,38473308-38473506	exon=> In CDS Exon 2 and 1 of transcript AGAP012184-PA
JHU_Ag_89898	LVCSPDYAYGSR	AGAP012184-PA	C3(Carbamidomethyl)	77	1.62E-07	1	1387.633	1.43	Malpighian tubule	3L:-:38473412-38473377	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_90450	LTFDVELLR	AGAP012184-PA	-	70	7.50E-07	1	1105.623	-1.72	Ovary	3L:-:38473343-38473317	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_91629	LVCSPDYAYGSR	AGAP012184-PA	C3(Carbamidomethyl)	68	1.38E-06	2	1387.634	2.23	Visceras	3L:-:38473412-38473377	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_97544	GVQIVPIANGDQTTFPKPGQTAVVHY TGTLDDGTVFDSSR	AGAP012184-PA	N9(Deamidated)	101	7.14E-10	1	4189.095	2.64	Ovary	3L:-:38473762-38473765,38473308-38473512	exon=> In CDS Exon 2 and 1 of transcript AGAP012184-PA
JHU_Ag_102141	GWDEGVAQMSVGQR	AGAP012184-PA	M9(Oxidation)	107	2.33E-10	1	1519.700	3.02	Malpighian tubule	3L:-:38473460-38473419	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_106661	LTFDVELLR	AGAP012184-PA	-	52	4.42E-05	2	1105.629	3.47	Visceras	3L:-:38473343-38473317	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_113961	LVCSPDYAYGSR	AGAP012184-PA	C3(Carbamidomethyl)	57	1.68E-05	2	1387.629	-1.29	Midgut	3L:-:38473412-38473377	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_114732	LTFDVELLRVE	AGAP012184-PA	-	65	2.46E-06	2	1333.736	0.09	Salivary gland	3L:-:38473343-38473311	exon=> In CDS Exon 2 of transcript AGAP012184-PA
JHU_Ag_1144	VTLLDGSILEVTIDRK	AGAP012185-PA	-	27	0.006263 571	1	1772.015	-0.6	Midgut	3L:+:38503938-38503979,38504063-38504068	exon=> In CDS Exon 1 and 2 of transcript AGAP012185-PA
JHU_Ag_1226	TGQLHIVGGVVDSASGK	AGAP012185-PA	-	56	2.58E-05	1	1624.867	1.16	Salivary gland	3L:+:38508823-38508873	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_2398	TGETIYTSSQVDPK	AGAP012185-PA	-	43	0.000968 946	2	1525.743	3.2	Ovary	3L:+:38509687-38509728	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_2405	LILNYADIEPSHFGK	AGAP012185-PA	-	37	0.002837 056	1	1716.898	1.24	Visceras	3L:+:38510317-38510361	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_3180	SYTGADNVVGASQIPEGPNVEHR	AGAP012185-PA	-	44	0.000595 89	1	2397.141	-1.02	Male reproductive organs	3L:+:38512315-38512323,38512468-38512527	exon=> In CDS Exon 10 and 11 of transcript AGAP012185-PA
JHU_Ag_4146	APGSPVAATATAAGVK	AGAP012185-PA	-	89	8.83E-09	1	1368.749	0.34	Head	3L:+:38508301-38508348	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_4176	LNAAAAAAAAGTPTVVK	AGAP012185-PA	-	65	1.82E-06	1	1496.841	-1.48	Head	3L:+:38510545-38510595	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_4855	TGQLHIVGGVVDSASGK	AGAP012185-PA	-	63	4.84E-06	1	1624.868	1.44	Visceras	3L:+:38508823-38508873	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_5044	IRPGEFEQYESTIGFK	AGAP012185-PA	-	80	1.37E-07	1	1900.946	0.85	Midgut	3L:+:38504887-38504934	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_5282	IAPNQTPELLDK	AGAP012185-PA	-	60	8.79E-06	2	1338.726	-0.41	Visceras	3L:+:38504447-38504482	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_5850	IFIITK	AGAP012185-PA	-	36	6.52E-05	2	734.481	-0.66	Salivary gland	3L:+:38509981-38509998	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_5927	TWLDLERPVTK	AGAP012185-PA	-	66	2.10E-06	1	1357.747	-0.54	Visceras	3L:+:38504168-38504200	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_6214	AAEPAAATSPSTPK	AGAP012185-PA	-	81	1.15E-07	2	1298.658	-0.38	Pupa	3L:+:38503860-38503901	exon=> In CDS Exon 1 of transcript AGAP012185-PA

JHU_Ag_6761	TVATTTTQHGER	AGAP012185-PA	-	48	0.000225139	1	1301.643	-1.5	Head	3L:+:38511835-38511870	exon=> In CDS Exon 9 of transcript AGAP012185-PA
JHU_Ag_6911	TGQNETFQGQTDPK	AGAP012185-PA	-	42	0.000858836	2	1550.711	1.87	Male reproductive organs	3L:+:38508781-38508822	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_8456	KVDTAQGVVEHSTGVLDTK	AGAP012185-PA	-	132	7.68E-13	1	1984.032	-1.45	Head	3L:+:38508652-38508708	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_8999	YDEAPLRPNEESEAQLSPNSQSR	AGAP012185-PA	-	38	0.001960748	1	2617.214	0.39	Ovary	3L:+:38508157-38508225	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_10748	SQTPAEAELHYLENAK	AGAP012185-PA	-	82	9.29E-08	1	1800.879	1.59	Ovary	3L:+:38504588-38504635	exon=> In CDS Exon 3 of transcript AGAP012185-PA
JHU_Ag_12554	SDPWDLSFEVK	AGAP012185-PA	-	56	3.16E-05	2	1322.625	-0.82	Visceras	3L:+:38504210-38504242	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_12696	SNGQIMVVGVTDPK	AGAP012185-PA	M6(Oxidation)	73	9.07E-07	1	1460.744	1.55	Head	3L:+:38509156-38509197	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_15160	KAPGSPVAATATAAGVK	AGAP012185-PA	-	46	0.000136258	2	1496.844	0.72	Visceras	3L:+:38508298-38508348	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_17580	GKPEELDVSAVDLDPETGHIR	AGAP012185-PA	-	73	6.47E-07	1	2277.147	4.82	Malpighian tubule	3L:+:38510011-38510073	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_19315	IAPNQTPELLDK	AGAP012185-PA	-	67	1.66E-06	1	1338.730	2.42	Head	3L:+:38504447-38504482	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_19698	TTATVTSGDQYAR	AGAP012185-PA	-	74	4.51E-07	2	1370.661	4.29	Head	3L:+:38511904-38511933,38512210-38512218	exon=> In CDS Exon 9 and 10 of transcript AGAP012185-PA
JHU_Ag_20284	AAEPAAATSPSTPK	AGAP012185-PA	-	69	1.48E-06	2	1298.663	3.38	Visceras	3L:+:38503860-38503901	exon=> In CDS Exon 1 of transcript AGAP012185-PA
JHU_Ag_20938	SDPWDLSFEVK	AGAP012185-PA	-	43	0.000616783	2	1322.626	-0.63	Salivary gland	3L:+:38504210-38504242	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_21032	TGQLHIVGGVVDSASGK	AGAP012185-PA	-	97	1.95E-09	1	1624.869	2.41	Head	3L:+:38508823-38508873	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_22028	TGQLHIVGGVVDSASGK	AGAP012185-PA	-	40	0.001109599	2	1624.866	0.46	Malpighian tubule	3L:+:38508823-38508873	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_22775	ATGLAFNYAPGEDQK	AGAP012185-PA	-	55	5.58E-05	1	1581.756	1.24	Male reproductive organs	3L:+:38508229-38508273	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_23069	YDEAPLRPNEESEAQLSPNSQSR	AGAP012185-PA	-	38	0.002207547	1	2617.216	1.23	Malpighian tubule	3L:+:38508157-38508225	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_24835	ITIQSDGDPIDHDK	AGAP012185-PA	-	60	1.56E-05	1	1553.747	1.52	Head	3L:+:38512750-38512791	exon=> In CDS Exon 12 of transcript AGAP012185-PA
JHU_Ag_26331	TGETIYTSSQVDPK	AGAP012185-PA	-	65	5.03E-06	1	1525.739	0.32	Midgut	3L:+:38509687-38509728	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_27260	YGDINPR	AGAP012185-PA	-	48	0.00024122	2	834.410	-0.47	Head	3L:+:38509051-38509071	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_29769	FVTATAVTTR	AGAP012185-PA	-	62	5.67E-06	2	1066.590	0.32	Head	3L:+:38511745-38511774	exon=> In CDS Exon 9 of transcript AGAP012185-PA
JHU_Ag_29997	KVDTAQGVVEHSTGVLDTK	AGAP012185-PA	-	95	3.60E-09	1	1984.033	-0.8	Salivary gland	3L:+:38508652-38508708	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_30360	TGKPSPAAAAVRPVTVDR	AGAP012185-PA	-	43	0.000164998	1	1793.011	4.38	Malpighian tubule	3L:+:38509102-38509155	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_31209	TGETIYTSSQVDPK	AGAP012185-PA	-	65	5.19E-06	2	1525.741	1.84	Male reproductive organs	3L:+:38509687-38509728	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_32721	KPAGGVAVLPVAGK	AGAP012185-PA	-	98	1.57E-10	1	1263.779	0.15	Visceras	3L:+:38506767-38506808	exon=> In CDS Exon 6 of transcript AGAP012185-PA
JHU_Ag_33086	DYFGLTYHTANDPR	AGAP012185-PA	-	71	1.07E-06	2	1669.761	0.07	Head	3L:+:38504126-38504167	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_33320	SDPWDLSFEVK	AGAP012185-PA	-	43	0.000677206	2	1322.626	-0.45	Midgut	3L:+:38504210-38504242	exon=> In CDS Exon 2 of transcript AGAP012185-PA

JHU_Ag_33938	KPAGGVAVLPVAGK	AGAP012185-PA	-	89	1.35E-09	1	1263.780	1.12	Salivary gland	3L:+:38506767-38506808	exon=> In CDS Exon 6 of transcript AGAP012185-PA
JHU_Ag_35126	IAPNQTPELLDKVIDLHK	AGAP012185-PA	-	26	0.007052836	1	2044.152	3.89	Ovary	3L:+:38504447-38504500	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_36814	IRPGEFEQYESTIGFK	AGAP012185-PA	-	37	0.002674782	1	1900.947	1.33	Salivary gland	3L:+:38504887-38504934	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_37580	KVDTAQGVVEHSTGVLDTK	AGAP012185-PA	-	68	1.75E-06	1	1984.032	-1.36	Male reproductive organs	3L:+:38508652-38508708	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_37630	TVETITYKTER	AGAP012185-PA	-	42	0.000687724	2	1340.710	3.06	Malpighian tubule	3L:+:38512615-38512632,38512702-38512716	exon=> In CDS Exon 11 and 12 of transcript AGAP012185-PA
JHU_Ag_38862	IAPNQTPELLDK	AGAP012185-PA	-	52	5.55E-05	2	1338.726	-0.31	Midgut	3L:+:38504447-38504482	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_40121	LDNSQAHLIAIGNQVDPVVEVTSVLGK	AGAP012185-PA	-	98	7.96E-10	1	2816.516	0.16	Visceras	3L:+:38509207-38509287	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_40778	LNAAAAAAAAGTPTVVK	AGAP012185-PA	-	81	4.13E-08	2	1496.844	0.39	Visceras	3L:+:38510545-38510595	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_41031	DEGLNGNNGQAEALNSSAEEATSPSGK	AGAP012185-PA	N5(Deamidated),N8(Deamidated),"N5(Deamidated), N8(Deamidated)","N5(Deamidated), N7(Deamidated)",N7(Deamidated),Q10(Deamidated)	130	8.42E-13	2	2648.163	2.96	Head	3L:+:38506839-38506854,38506916-38506980	exon=> In CDS Exon 6 and 7 of transcript AGAP012185-PA
JHU_Ag_41875	LDNSQAHLIAIGNQVDPVVEVTSVLGK	AGAP012185-PA	-	57	7.62E-06	1	2816.524	3.09	Salivary gland	3L:+:38509207-38509287	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_42601	VDPVSGQVLLK	AGAP012185-PA	-	46	8.20E-05	2	1154.678	0.33	Head	3L:+:38509462-38509494	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_42969	TWLDLERPVTK	AGAP012185-PA	-	46	0.000255934	1	1357.754	4.58	Salivary gland	3L:+:38504168-38504200	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_43484	AAEPAAATSPSTPK	AGAP012185-PA	-	66	3.41E-06	2	1298.662	2.82	Malpighian tubule	3L:+:38503860-38503901	exon=> In CDS Exon 1 of transcript AGAP012185-PA
JHU_Ag_44425	NEDGVTHNVEEEVQNLGTGQIVYSTQEHK	AGAP012185-PA	-	74	4.97E-07	1	3254.521	0.27	Visceras	3L:+:38510623-38510709	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_45409	IAPNQTPELLDK	AGAP012185-PA	-	45	0.000265107	2	1338.725	-0.86	Pupa	3L:+:38504447-38504482	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_45632	TTATVTSGDQYAR	AGAP012185-PA	-	53	5.52E-05	2	1370.658	2.15	Salivary gland	3L:+:38511904-38511933,38512210-38512218	exon=> In CDS Exon 9 and 10 of transcript AGAP012185-PA
JHU_Ag_46150	LILNYADIEPSHFGK	AGAP012185-PA	-	76	3.24E-07	2	1716.905	5.23	Salivary gland	3L:+:38510317-38510361	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_46611	SQTPAEAELHYLENAK	AGAP012185-PA	-	104	5.54E-10	1	1800.882	3.15	Head	3L:+:38504588-38504635	exon=> In CDS Exon 3 of transcript AGAP012185-PA
JHU_Ag_48350	LNAAAAAAAAGTPTVVK	AGAP012185-PA	-	108	8.27E-11	2	1496.844	0.47	Male reproductive organs	3L:+:38510545-38510595	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_49221	EIKVDPVSGQVLLK	AGAP012185-PA	-	34	0.000625345	1	1524.902	1.56	Ovary	3L:+:38509453-38509494	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_51341	SEWGHIDPNTGDIDPATAIRDPVTGK	AGAP012185-PA	-	72	7.70E-07	1	2762.335	-1.01	Head	3L:+:38510239-38510316	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_53612	IRPGEFEQYESTIGFK	AGAP012185-PA	-	85	4.44E-08	1	1900.942	-0.88	Visceras	3L:+:38504887-38504934	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_54441	TATTHEDLGTNAK	AGAP012185-PA	-	95	3.93E-09	1	1358.658	2.52	Head	3L:+:38511775-38511813	exon=> In CDS Exon 9 of transcript AGAP012185-PA
JHU_Ag_54879	GFRYDEAPLRPNEESEAQLSPNSQSR	AGAP012185-PA	-	47	0.000285301	1	2977.413	3.32	Malpighian tubule	3L:+:38508148-38508225	exon=> In CDS Exon 8 of transcript AGAP012185-PA

JHU_Ag_55434	SYTGADNVVGASQIPEGPNVEHR	AGAP012185-PA	-	56	3.88E-05	3	2397.142	-0.33	Malpighian tubule	3L:+:38512315-38512323,38512468-38512527	exon=> In CDS Exon 10 and 11 of transcript AGAP012185-PA
JHU_Ag_56385	AGTVVNFNAR	AGAP012185-PA	-	44	0.000779782	2	1048.553	-0.77	Male reproductive organs	3L:+:38508751-38508780	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_57882	FVTATAVTTR	AGAP012185-PA	-	40	0.00079333	2	1066.590	0.78	Salivary gland	3L:+:38511745-38511774	exon=> In CDS Exon 9 of transcript AGAP012185-PA
JHU_Ag_59362	TNQVWLPDGGKDPK	AGAP012185-PA	-	36	0.003185195	2	1554.793	1.35	Head	3L:+:38509645-38509686	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_59592	VVLDDLAEGGTTTHGEIVSSQTVSSK	AGAP012185-PA	-	51	0.000100328	3	2630.326	3.99	Malpighian tubule	3L:+:38512531-38512608	exon=> In CDS Exon 11 of transcript AGAP012185-PA
JHU_Ag_59884	TGKPSPAAAAVRPVTVDR	AGAP012185-PA	-	46	0.000117826	1	1792.998	-2.57	Male reproductive organs	3L:+:38509102-38509155	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_60720	EIKVDPVSGQVLLK	AGAP012185-PA	-	50	1.96E-05	1	1524.900	0.04	Visceras	3L:+:38509453-38509494	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_61506	IAPNQTPELLDKVIDLHK	AGAP012185-PA	-	31	0.002383965	1	2044.144	0.1	Midgut	3L:+:38504447-38504500	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_63946	AAEPAAATSPSTPK	AGAP012185-PA	-	74	5.15E-07	1	1298.659	0	Male reproductive organs	3L:+:38503860-38503901	exon=> In CDS Exon 1 of transcript AGAP012185-PA
JHU_Ag_64936	LDNSQAHLIAIGNQVDPVVEVTSVLGK	AGAP012185-PA	-	67	7.82E-07	1	2816.527	4.06	Head	3L:+:38509207-38509287	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_65609	VVLDDLAEGGTTTHGEIVSSQTVSSK	AGAP012185-PA	-	153	6.07E-15	1	2630.324	3.08	Head	3L:+:38512531-38512608	exon=> In CDS Exon 11 of transcript AGAP012185-PA
JHU_Ag_67509	TGQLHIVGGVVDSASGK	AGAP012185-PA	-	44	0.000352998	2	1624.872	3.99	Ovary	3L:+:38508823-38508873	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_67812	LAMYGVDLHPAK	AGAP012185-PA	-	34	0.005022306	1	1314.687	-0.08	Midgut	3L:+:38504639-38504674	exon=> In CDS Exon 3 of transcript AGAP012185-PA
JHU_Ag_68423	LILNYADIEPSHFGK	AGAP012185-PA	-	72	1.02E-06	1	1716.896	0.17	Male reproductive organs	3L:+:38510317-38510361	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_69875	ATGLAFNYAPGEDQK	AGAP012185-PA	-	38	0.002386953	2	1581.759	2.63	Visceras	3L:+:38508229-38508273	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_70287	ATGLAFNYAPGEDQK	AGAP012185-PA	-	55	5.55E-05	1	1581.754	-0.38	Head	3L:+:38508229-38508273	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_70820	YDEAPLRPNEESEAQLSPNSQSR	AGAP012185-PA	-	61	9.58E-06	3	2617.225	4.59	Head	3L:+:38508157-38508225	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_70922	DYFGLTYHTANDPR	AGAP012185-PA	-	48	0.000214151	1	1669.762	0.95	Ovary	3L:+:38504126-38504167	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_70994	TGQNETFQGQTDPK	AGAP012185-PA	-	60	1.36E-05	2	1550.712	2.35	Visceras	3L:+:38508781-38508822	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_71051	GKPEELDVSAVDLDPETGHIR	AGAP012185-PA	-	126	3.07E-12	1	2277.135	-0.41	Visceras	3L:+:38510011-38510073	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_71424	DYFGLTYHTANDPR	AGAP012185-PA	-	50	0.000121118	1	1669.760	-0.22	Midgut	3L:+:38504126-38504167	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_73742	KVDTAQGVVEHSTGVLDTK	AGAP012185-PA	-	106	2.96E-10	1	1984.035	0.3	Visceras	3L:+:38508652-38508708	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_74369	LNAAAAAAAAGTPTVVK	AGAP012185-PA	-	92	3.36E-09	1	1496.844	0.39	Salivary gland	3L:+:38510545-38510595	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_75191	GKPEELDVSAVDLDPETGHIR	AGAP012185-PA	-	118	2.32E-11	1	2277.145	4.18	Salivary gland	3L:+:38510011-38510073	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_76258	NEDGVTHNVEEEVQNLGTGQIVYSTQEHK	AGAP012185-PA	Q26(Deamidated),Q20(Deamidated)	134	5.31E-13	1	3254.513	-2.1	Head	3L:+:38510623-38510709	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_77516	KVDTAQGVVEHSTGVLDTK	AGAP012185-PA	-	75	3.11E-07	1	1984.049	6.98	Ovary	3L:+:38508652-38508708	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_77715	KAPGSPVAATATAAGVK	AGAP012185-PA	-	50	5.68E-05	1	1496.845	1.37	Head	3L:+:38508298-38508348	exon=> In CDS Exon 8 of transcript AGAP012185-PA

JHU_Ag_78171	SDPWDLSFEVK	AGAP012185-PA	-	76	3.57E-07	2	1322.628	1.49	Head	3L:+:38504210-38504242	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_78426	TWLDLERPVTK	AGAP012185-PA	-	43	0.00048666	1	1357.745	-1.98	Male reproductive organs	3L:+:38504168-38504200	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_78889	LILNYADIEPSHFGK	AGAP012185-PA	-	89	1.86E-08	1	1716.901	3.02	Head	3L:+:38510317-38510361	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_79024	IRPGEFEQYESTIGFK	AGAP012185-PA	-	91	1.26E-08	1	1900.946	1.21	Head	3L:+:38504887-38504934	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_79541	TWLDLERPVTK	AGAP012185-PA	-	60	9.99E-06	2	1357.750	1.7	Midgut	3L:+:38504168-38504200	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_80031	TDKDYGR	AGAP012185-PA	-	41	0.000531236	1	854.400	-0.13	Salivary gland	3L:+:38509522-38509542	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_80486	TGETIYTSSQVDPK	AGAP012185-PA	-	74	5.78E-07	1	1525.741	1.92	Head	3L:+:38509687-38509728	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_80879	YGDINPR	AGAP012185-PA	-	51	0.00012585	2	834.413	2.61	Malpighian tubule	3L:+:38509051-38509071	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_80936	ACVEHHTFFR	AGAP012185-PA	C2(Carbamidomethyl)	67	2.36E-06	1	1303.600	0.03	Male reproductive organs	3L:+:38504971-38505000	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_81224	AAEPAAATSPSTPK	AGAP012185-PA	-	61	9.22E-06	1	1298.662	2.63	Ovary	3L:+:38503860-38503901	exon=> In CDS Exon 1 of transcript AGAP012185-PA
JHU_Ag_81462	LILNYADIEPSHFGK	AGAP012185-PA	-	68	2.38E-06	1	1716.899	1.96	Ovary	3L:+:38510317-38510361	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_82788	TWLDLERPVTK	AGAP012185-PA	-	67	2.36E-06	1	1357.749	0.98	Head	3L:+:38504168-38504200	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_83006	VDTAQGVVEHSTGVLDTK	AGAP012185-PA	-	53	7.01E-05	1	1855.945	3.02	Head	3L:+:38508655-38508708	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_84135	SQTPAEAELHYLENAK	AGAP012185-PA	-	89	1.86E-08	2	1800.886	5.52	Midgut	3L:+:38504588-38504635	exon=> In CDS Exon 3 of transcript AGAP012185-PA
JHU_Ag_84702	IFIITK	AGAP012185-PA	-	20	0.002523132	1	734.481	-0.57	Male reproductive organs	3L:+:38509981-38509998	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_85126	SQTPAEAELHYLENAKK	AGAP012185-PA	-	52	9.89E-05	1	1928.971	-0.11	Visceras	3L:+:38504588-38504638	exon=> In CDS Exon 3 of transcript AGAP012185-PA
JHU_Ag_85978	SYTGADNVVGASQIPEGPNVEHRR	AGAP012185-PA	-	106	3.62E-10	1	2553.263	7.42	Malpighian tubule	3L:+:38512315-38512323,38512468-38512530	exon=> In CDS Exon 10 and 11 of transcript AGAP012185-PA
JHU_Ag_86012	ALAEAIQEATAMNPDMTVEK	AGAP012185-PA	M12(Oxidation), M16(Oxidation)	84	5.76E-08	2	2133.021	0.21	Head	3L:+:38512792-38512812,38514589-38514627	exon=> In CDS Exon 12 and 13 of transcript AGAP012185-PA
JHU_Ag_87248	GKPEELDVSAVDLDPETGHIR	AGAP012185-PA	-	67	2.44E-06	1	2277.147	5.06	Ovary	3L:+:38510011-38510073	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_89424	IRPGEFEQYESTIGFK	AGAP012185-PA	-	73	8.11E-07	1	1900.945	0.66	Pupa	3L:+:38504887-38504934	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_89482	GKPEELDVSAVDLDPETGHIR	AGAP012185-PA	-	123	6.22E-12	1	2277.133	-1.05	Head	3L:+:38510011-38510073	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_89835	TGQNETFQGQTDPK	AGAP012185-PA	-	83	5.96E-08	1	1550.711	1.48	Head	3L:+:38508781-38508822	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_91571	TGETIYTSSQVDPK	AGAP012185-PA	-	51	0.000129646	2	1525.741	2	Visceras	3L:+:38509687-38509728	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_92325	YGDINPR	AGAP012185-PA	-	47	0.000312905	2	834.410	-0.1	Male reproductive organs	3L:+:38509051-38509071	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_92978	FVTATAVTTR	AGAP012185-PA	-	44	0.000302591	2	1066.589	0.09	Male reproductive organs	3L:+:38511745-38511774	exon=> In CDS Exon 9 of transcript AGAP012185-PA
JHU_Ag_92997	FYPPEPAQLQEDITR	AGAP012185-PA	-	37	0.003784828	1	1803.895	2.25	Head	3L:+:38504243-38504287	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_93592	KPAGGVAVLPVAGK	AGAP012185-PA	-	65	3.34E-07	1	1263.779	0.44	Male reproductive organs	3L:+:38506767-38506808	exon=> In CDS Exon 6 of transcript AGAP012185-PA

JHU_Ag_93659	HVPAAPVEDK	AGAP012185-PA	-	40	0.001859602	1	1062.554	-3.66	Head	3L:+:38509594-38509623	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_93856	EIKVDPVSGQVLLK	AGAP012185-PA	-	50	1.95E-05	1	1524.900	0.2	Head	3L:+:38509453-38509494	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_95551	AAEPAAATSPSTPK	AGAP012185-PA	-	92	8.58E-09	1	1298.658	-0.47	Head	3L:+:38503860-38503901	exon=> In CDS Exon 1 of transcript AGAP012185-PA
JHU_Ag_96033	TTATVTSGDQYAR	AGAP012185-PA	-	72	7.04E-07	2	1370.659	3.49	Malpighian tubule	3L:+:38511904-38511933,38512210-38512218	exon=> In CDS Exon 9 and 10 of transcript AGAP012185-PA
JHU_Ag_96921	FYPPEPAQLQEDITR	AGAP012185-PA	-	37	0.003872338	1	1803.891	0.01	Midgut	3L:+:38504243-38504287	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_97651	RATGLAFNYAPGEDQK	AGAP012185-PA	-	58	2.45E-05	1	1737.856	0.19	Visceras	3L:+:38508226-38508273	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_97659	TWLDLERPVTK	AGAP012185-PA	-	33	0.004560405	2	1357.746	-0.99	Ovary	3L:+:38504168-38504200	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_100002	SEWGHIDPNTGDIDPATAIRDPVTGK	AGAP012185-PA	-	76	3.42E-07	1	2762.346	2.95	Malpighian tubule	3L:+:38510239-38510316	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_100279	YGQLDLVK	AGAP012185-PA	-	49	0.000125315	2	935.520	0.21	Head	3L:+:38509381-38509404	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_100506	YHLCLQVR	AGAP012185-PA	C4(Carbamidomethyl)	44	0.000866093	1	1088.569	1.64	Head	3L:+:38504288-38504311	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_103517	SDPWDLSFEVK	AGAP012185-PA	-	62	7.89E-06	2	1322.629	1.68	Pupa	3L:+:38504210-38504242	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_103895	EIKVDPVSGQVLLK	AGAP012185-PA	-	50	1.93E-05	1	1524.903	2.52	Salivary gland	3L:+:38509453-38509494	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_104622	ITIQSDGDPIDHDK	AGAP012185-PA	-	54	6.15E-05	2	1553.751	4.59	Midgut	3L:+:38512750-38512791	exon=> In CDS Exon 12 of transcript AGAP012185-PA
JHU_Ag_104678	EISSGTAAAGSK	AGAP012185-PA	-	55	3.82E-05	2	1078.536	-1.27	Head	3L:+:38510509-38510544	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_104842	TTVTQTMTLSGEIDPATGR	AGAP012185-PA	M7(Oxidation)	91	1.27E-08	1	1994.972	0.8	Head	3L:+:38510176-38510232	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_105173	TPVERPAPDFK	AGAP012185-PA	-	45	0.000353337	1	1256.662	-1.11	Head	3L:+:38505097-38505129	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_105995	LNAAAAAAAAGTPTVVK	AGAP012185-PA	-	69	6.68E-07	1	1496.845	1.13	Ovary	3L:+:38510545-38510595	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_106170	VTLLDGSILEVTIDR	AGAP012185-PA	-	27	0.009004362	2	1643.928	3.74	Head	3L:+:38503938-38503979,38504063-38504065	exon=> In CDS Exon 1 and 2 of transcript AGAP012185-PA
JHU_Ag_106625	TGKPSPAAAAVRPVTVDR	AGAP012185-PA	-	42	0.000287402	1	1793.002	-0.38	Head	3L:+:38509102-38509155	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_108704	IRPGEFEQYESTIGFK	AGAP012185-PA	-	82	9.55E-08	1	1900.944	0.12	Ovary	3L:+:38504887-38504934	exon=> In CDS Exon 4 of transcript AGAP012185-PA
JHU_Ag_109826	SYTGADNVVGASQIPEGPNVEHR	AGAP012185-PA	-	74	6.71E-07	1	2397.148	1.88	Salivary gland	3L:+:38512315-38512323,38512468-38512527	exon=> In CDS Exon 10 and 11 of transcript AGAP012185-PA
JHU_Ag_111254	LDNSQAHLIAIGNQVDPVVEVTSVLGK	AGAP012185-PA	-	66	1.00E-06	1	2816.526	3.67	Ovary	3L:+:38509207-38509287	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_111318	YDEAPLRPNEESEAQLSPNSQSR	AGAP012185-PA	-	81	1.03E-07	1	2617.212	-0.38	Visceras	3L:+:38508157-38508225	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_112337	KPAGGVAVLPVAGK	AGAP012185-PA	-	103	4.96E-11	1	1263.780	1.41	Head	3L:+:38506767-38506808	exon=> In CDS Exon 6 of transcript AGAP012185-PA
JHU_Ag_112523	RATGLAFNYAPGEDQK	AGAP012185-PA	-	63	7.52E-06	2	1737.853	-1.21	Head	3L:+:38508226-38508273	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_112809	DPITGETYNVDPNDPR	AGAP012185-PA	-	96	3.16E-09	1	1802.824	2.8	Head	3L:+:38510113-38510160	exon=> In CDS Exon 8 of transcript AGAP012185-PA

JHU_Ag_112862	ATGLAFNYAPGEDQK	AGAP012185-PA	-	40	0.001708118	1	1581.756	0.7	Salivary gland	3L:+:38508229-38508273	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_113779	AGTVVNFNAR	AGAP012185-PA	-	46	0.000387012	2	1048.556	2.25	Salivary gland	3L:+:38508751-38508780	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_114217	KPAGGVAVLPVAGK	AGAP012185-PA	-	75	3.38E-08	1	1263.779	0.73	Ovary	3L:+:38506767-38506808	exon=> In CDS Exon 6 of transcript AGAP012185-PA
JHU_Ag_117048	SYTGADNVVGASQIPEGPNVEHR	AGAP012185-PA	-	108	2.54E-10	1	2397.148	2.27	Head	3L:+:38512315-38512323,38512468-38512527	exon=> In CDS Exon 10 and 11 of transcript AGAP012185-PA
JHU_Ag_117336	LAMYGVDLHPAK	AGAP012185-PA	M3(Oxidation)	85	4.97E-08	1	1330.687	3.1	Head	3L:+:38504639-38504674	exon=> In CDS Exon 3 of transcript AGAP012185-PA
JHU_Ag_117383	LNAAAAAAAAGTPTVVK	AGAP012185-PA	-	108	8.66E-11	2	1496.847	2.51	Malpighian tubule	3L:+:38510545-38510595	exon=> In CDS Exon 8 of transcript AGAP012185-PA
JHU_Ag_117583	SDPWDLSFEVK	AGAP012185-PA	-	39	0.001644142	2	1322.627	0.85	Ovary	3L:+:38504210-38504242	exon=> In CDS Exon 2 of transcript AGAP012185-PA
JHU_Ag_157	ALHLSMTK	AGAP012188-PA	-	49	0.000131259	1	900.498	0.54	Midgut	3L:+:38533827-38533850	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_324	ALHLSMTK	AGAP012188-PA	-	51	7.87E-05	1	900.499	1.48	Malpighian tubule	3L:+:38533827-38533850	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_6783	YLEPYLQEVIR	AGAP012188-PA	-	73	6.25E-07	2	1422.764	0.92	Midgut	3L:+:38533899-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_12283	DDCLYENEDVKEAIR	AGAP012188-PA	C3(Carbamidomethyl)	112	5.84E-11	1	1868.829	-2.34	Midgut	3L:+:38533734-38533778	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_13072	DDCLYENEDVK	AGAP012188-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl), N7(Deamidated)"	70	2.59E-07	2	1399.569	0.72	Midgut	3L:+:38533734-38533766	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_21606	YLEPYLQEVIR	AGAP012188-PA	-	78	1.86E-07	1	1422.767	3.06	Visceras	3L:+:38533899-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_24834	KGPAVYSALGK	AGAP012188-PA	-	77	1.72E-07	1	1090.627	1.31	Visceras	3L:+:38533302-38533320,38533528-38533541	exon=> In CDS Exon 1 and 2 of transcript AGAP012188-PA
JHU_Ag_26281	DDCLYENEDVKEAIR	AGAP012188-PA	C3(Carbamidomethyl)	122	6.37E-12	1	1868.836	1.7	Visceras	3L:+:38533734-38533778	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_26887	ALHLSMTK	AGAP012188-PA	M6(Oxidation)	44	0.000731164	1	916.494	2.6	Ovary	3L:+:38533827-38533850	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_28258	ALHLSMTK	AGAP012188-PA	M6(Oxidation)	54	6.90E-05	1	916.493	1.42	Head	3L:+:38533827-38533850	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_31276	GPAVYSALGK	AGAP012188-PA	-	56	3.11E-05	2	962.529	-1.37	Head	3L:+:38533305-38533320,38533528-38533541	exon=> In CDS Exon 1 and 2 of transcript AGAP012188-PA
JHU_Ag_35080	DDCLYENEDVK	AGAP012188-PA	C3(Carbamidomethyl)	84	9.57E-09	1	1399.570	0.89	Ovary	3L:+:38533734-38533766	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_41659	YEEDTKYLEPYLQEVIR	AGAP012188-PA	-	98	2.01E-09	1	2188.087	2.82	Malpighian tubule	3L:+:38533881-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_46852	DDCLYENEDVK	AGAP012188-PA	C3(Carbamidomethyl)	84	1.21E-08	1	1399.572	2.99	Malpighian tubule	3L:+:38533734-38533766	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_49927	YLEPYLQEVIR	AGAP012188-PA	-	79	1.59E-07	1	1422.764	1.09	Head	3L:+:38533899-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_64384	YLEPYLQEVIR	AGAP012188-PA	-	73	5.37E-07	1	1422.762	-0.46	Ovary	3L:+:38533899-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_64641	KGPAVYSALGK	AGAP012188-PA	-	73	4.01E-07	1	1090.624	-1	Ovary	3L:+:38533302-38533320,38533528-38533541	exon=> In CDS Exon 1 and 2 of transcript AGAP012188-PA
JHU_Ag_66023	YEEDTK	AGAP012188-PA	-	35	0.001296534	1	784.335	-0.65	Midgut	3L:+:38533881-38533898	exon=> In CDS Exon 3 of transcript AGAP012188-PA

JHU_Ag_72560	YEEDTKYLEPYLQEVIR	AGAP012188-PA	-	107	2.91E-10	1	2188.081	0.23	Head	3L:+:38533881-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_72768	YLEPYLQEVIR	AGAP012188-PA	-	67	2.19E-06	2	1422.766	2.55	Malpighian tubule	3L:+:38533899-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_74625	YEEDTKYLEPYLQEVIR	AGAP012188-PA	-	126	3.28E-12	1	2188.089	3.49	Visceras	3L:+:38533881-38533931	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_76600	DDCLYENEDVK	AGAP012188-PA	C3(Carbamidomethyl)	75	8.94E-08	1	1399.570	1.16	Visceras	3L:+:38533734-38533766	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_82086	WAYNMAGFNQYGLHR	AGAP012188-PA	M5(Oxidation)	111	7.99E-11	1	1843.831	-1.16	Midgut	3L:+:38533542-38533575,38533723-38533733	exon=> In CDS Exon 2 and 3 of transcript AGAP012188-PA
JHU_Ag_87234	WAYNMAGFNQYGLHR	AGAP012188-PA	M5(Oxidation)	123	6.48E-12	1	1827.843	2.4	Visceras	3L:+:38533542-38533575,38533723-38533733	exon=> In CDS Exon 2 and 3 of transcript AGAP012188-PA
JHU_Ag_87335	WAYNMAGFNQYGLHRDDCLYENEDVK	AGAP012188-PA	C18(Carbamidomethyl),"M5(Oxidation),C18(Carbamidomethyl)"	113	2.84E-11	1	3224.385	0.53	Visceras	3L:+:38533542-38533575,38533723-38533766	exon=> In CDS Exon 2 and 3 of transcript AGAP012188-PA
JHU_Ag_91819	GPAVYSALGK	AGAP012188-PA	-	43	0.000551 83	1	962.531	0.86	Visceras	3L:+:38533305-38533320,38533528-38533541	exon=> In CDS Exon 1 and 2 of transcript AGAP012188-PA
JHU_Ag_93472	DDCLYENEDVK	AGAP012188-PA	C3(Carbamidomethyl),"C3(Carbamidomethyl),N7(Deamidated)"	88	4.33E-09	1	1399.571	2.03	Head	3L:+:38533734-38533766	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_98823	ALHLSMTK	AGAP012188-PA	M6(Oxidation)	55	5.46E-05	1	916.493	1.21	Visceras	3L:+:38533827-38533850	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_106948	GPAVYSALGK	AGAP012188-PA	-	49	0.000156 392	2	962.529	-1.24	Malpighian tubule	3L:+:38533305-38533320,38533528-38533541	exon=> In CDS Exon 1 and 2 of transcript AGAP012188-PA
JHU_Ag_107667	EQWTKYEEDTK	AGAP012188-PA	-	56	2.28E-05	1	1456.656	-2.02	Midgut	3L:+:38533866-38533898	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_109986	EQWTKYEEDTK	AGAP012188-PA	-	56	2.50E-05	2	1456.661	1.17	Visceras	3L:+:38533866-38533898	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_111165	WAYNMAGFNQYGLHR	AGAP012188-PA	M5(Oxidation)	91	9.88E-09	1	1827.842	1.93	Malpighian tubule	3L:+:38533542-38533575,38533723-38533733	exon=> In CDS Exon 2 and 3 of transcript AGAP012188-PA
JHU_Ag_111360	KGPAVYSALGK	AGAP012188-PA	-	66	2.13E-06	1	1090.629	2.78	Malpighian tubule	3L:+:38533302-38533320,38533528-38533541	exon=> In CDS Exon 1 and 2 of transcript AGAP012188-PA
JHU_Ag_112118	KGPAVYSALGK	AGAP012188-PA	-	52	5.37E-05	1	1090.625	-0.75	Head	3L:+:38533302-38533320,38533528-38533541	exon=> In CDS Exon 1 and 2 of transcript AGAP012188-PA
JHU_Ag_114120	WAYNMAGFNQYGLHR	AGAP012188-PA	M5(Oxidation)	50	0.000130 232	2	1843.837	1.89	Head	3L:+:38533542-38533575,38533723-38533733	exon=> In CDS Exon 2 and 3 of transcript AGAP012188-PA
JHU_Ag_115410	DDCLYENEDVKEAIR	AGAP012188-PA	C3(Carbamidomethyl)	59	1.39E-05	1	1868.838	2.68	Malpighian tubule	3L:+:38533734-38533778	exon=> In CDS Exon 3 of transcript AGAP012188-PA
JHU_Ag_117473	WAYNMAGFNQYGLHRDDCLYENEDVK	AGAP012188-PA	C18(Carbamidomethyl)	36	0.001747 397	1	3208.395	2.04	Malpighian tubule	3L:+:38533542-38533575,38533723-38533766	exon=> In CDS Exon 2 and 3 of transcript AGAP012188-PA
JHU_Ag_27771	ATTNDVVLYLHGNTASR	AGAP012189-PA	-	83	8.23E-08	1	1831.929	-0.35	Midgut	3L:+:38541551-38541601	exon=> In CDS Exon 3 of transcript AGAP012189-PA
JHU_Ag_36428	ALNYHVIAIDYR	AGAP012189-PA	-	65	4.24E-06	1	1447.770	0.81	Midgut	3L:+:38541641-38541676	exon=> In CDS Exon 3 of transcript AGAP012189-PA
JHU_Ag_48770	AVVLESPFNNIKEEICAHPFSK	AGAP012189-PA	C16(Carbamidomethyl)	55	3.87E-05	1	2529.290	3.6	Ovary	3L:+:38541863-38541928	exon=> In CDS Exon 3 of transcript AGAP012189-PA

JHU_Ag_52583	FESDQHIAEFR	AGAP012189-PA	-	54	3.76E-05	1	1378.630	-6.6	Midgut	3L:+:38542067-38542099	exon=> In CDS Exon 4 of transcript AGAP012189-PA
JHU_Ag_82598	SDGFQLTDEK	AGAP012189-PA	-	40	0.000760484	2	1139.523	0.83	Midgut	3L:+:38541488-38541517	exon=> In CDS Exon 3 of transcript AGAP012189-PA
JHU_Ag_90608	ATTNDVVLYLHGNTASR	AGAP012189-PA	-	42	0.001025761	1	1831.936	3.58	Ovary	3L:+:38541551-38541601	exon=> In CDS Exon 3 of transcript AGAP012189-PA
JHU_Ag_101936	ATTNDVVLYLHGNTASR	AGAP012189-PA	-	59	2.24E-05	1	1831.942	6.58	Salivary gland	3L:+:38541551-38541601	exon=> In CDS Exon 3 of transcript AGAP012189-PA
JHU_Ag_14111	HYLVPLEVATK	AGAP012190-PA	-	50	5.99E-05	1	1269.724	3.32	Head	3L:-:38545833-38545801	exon=> In CDS Exon 9 of transcript AGAP012190-PA
JHU_Ag_15951	APQACPNPK	AGAP012190-PA	C5(Carbamidomethyl)	36	0.002519055	1	982.479	1.12	Salivary gland	3L:-:38545545-38545519	exon=> In CDS Exon 10 of transcript AGAP012190-PA
JHU_Ag_53710	LHIYNDHTFVAK	AGAP012190-PA	-	49	0.000191112	1	1457.750	-2.44	Head	3L:-:38545770-38545735	exon=> In CDS Exon 9 of transcript AGAP012190-PA
JHU_Ag_97046	INNIQK	AGAP012190-PA	N3(Deamidated)	30	0.010506498	1	730.409	-0.83	Head	3L:-:38548285-38548268	exon=> In CDS Exon 7 of transcript AGAP012190-PA
JHU_Ag_44434	GGMSSVSEYTIGGGGPVKR	AGAP012194-PA	M3(Oxidation)	81	1.16E-07	1	1854.902	0	Male reproductive organs	3L:-:38574602-38574546	exon=> In CDS Exon 4 of transcript AGAP012194-PA
JHU_Ag_110293	EFFGGSPFDELFR	AGAP012194-PA	-	40	0.001378385	2	1547.721	2.92	Male reproductive organs	3L:-:38574922-38574884	exon=> In CDS Exon 3 of transcript AGAP012194-PA
JHU_Ag_24260	FQSAAVAALQEASEAYLVGLFEDTNLCAIHAK	AGAP012196-PA	C27(Carbamidomethyl)	182	7.61E-18	1	3437.711	1.83	Ovary	3L:-:38651544-38651449	exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_4642	HAVSEGTK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA	-	56	1.94E-05	1	828.421	0.27	Ovary	3L:+:38656781-38656804;2R:-:46080475-46080452;UNKN:-:16236917-16236894	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_30486	HAVSEGTK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA	-	52	4.25E-05	1	828.419	-2.9	Head	3L:+:38656781-38656804;2R:-:46080475-46080452;UNKN:-:16236917-16236894	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_65529	HAVSEGTK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA	-	53	4.69E-05	2	828.421	0.25	Midgut	3L:+:38656781-38656804;2R:-:46080475-46080452;UNKN:-:16236917-16236894	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_91726	HAVSEGTK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA	-	49	0.000105917	2	828.424	3.86	Male reproductive organs	3L:+:38656781-38656804;2R:-:46080475-46080452;UNKN:-:16236917-16236894	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_99738	HAVSEGTK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA	-	42	0.000484728	2	828.421	-0.19	Malpighian tubule	3L:+:38656781-38656804;2R:-:46080475-46080452;UNKN:-:16236917-16236894	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA

JHU_Ag_100615	HAVSEGTK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA	-	41	0.000611644	2	828.422	0.92	Salivary gland	3L:+:38656781-38656804;2R:-:46080475-46080452;UNKN:-:16236917-16236894	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_1304	STITSREIQTAVR	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	64	3.17E-06	1	1461.805	2.26	Malpighian tubule	3L:+:38656715-38656753;2R:-:46080541-46080503;UNKN:-:16236983-16236945;UNKN:+:35222683-35222721	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_2909	EIQTAVR	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	52	0.000157392	2	816.457	-0.95	Visceras	3L:+:38656733-38656753;2R:-:46080523-46080503;UNKN:-:16236965-16236945;UNKN:+:35222701-35222721	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_13768	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	46	3.39E-05	1	953.604	1.05	Ovary	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_17049	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	54	7.96E-06	2	953.602	-1.45	Head	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_17293	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	53	6.97E-06	2	953.605	1.75	Malpighian tubule	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_29725	EIQTAVRLLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	34	0.000443609	2	1751.047	2.38	Head	3L:+:38656733-38656780;2R:-:46080523-46080476;UNKN:-:16236965-16236918;UNKN:+:35222701-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_40103	EIQTAVRLLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	96	2.18E-10	1	1751.052	5.58	Malpighian tubule	3L:+:38656733-38656780;2R:-:46080523-46080476;UNKN:-:16236965-16236918;UNKN:+:35222701-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_42168	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	54	5.49E-06	2	953.605	2.52	Male reproductive organs	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_51157	EIQTAVR	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	40	0.002108538	2	816.458	0.32	Ovary	3L:+:38656733-38656753;2R:-:46080523-46080503;UNKN:-:16236965-16236945;UNKN:+:35222701-35222721	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_53896	EIQTAVR	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	43	0.000785737	2	816.460	3.61	Head	3L:+:38656733-38656753;2R:-:46080523-46080503;UNKN:-:16236965-16236945;UNKN:+:35222701-35222721	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_56460	EIQTAVR	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	56	6.05E-05	2	816.457	-0.28	Malpighian tubule	3L:+:38656733-38656753;2R:-:46080523-46080503;UNKN:-:16236965-16236945;UNKN:+:35222701-35222721	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_57919	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	42	0.000135218	2	953.603	-0.1	Midgut	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_60569	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	54	5.46E-06	2	953.606	2.78	Salivary gland	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_97370	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	41	0.000167894	2	953.603	-0.36	Visceras	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_109521	EIQTAVR	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	33	0.00926901	2	816.456	-1.48	Midgut	3L:+:38656733-38656753;2R:-:46080523-46080503;UNKN:-:16236965-16236945;UNKN:+:35222701-35222721	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_111924	EIQTAVR	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	37	0.003634772	2	816.459	1.36	Salivary gland	3L:+:38656733-38656753;2R:-:46080523-46080503;UNKN:-:16236965-16236945;UNKN:+:35222701-35222721	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_112007	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	54	5.41E-06	2	953.606	3.16	Larva	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_117527	LLLPGELAK	AGAP012199-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	53	8.75E-06	2	953.602	-1.13	Pupa	3L:+:38656754-38656780;2R:-:46080502-46080476;UNKN:-:16236944-16236918;UNKN:+:35222722-35222748	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_8673	QVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	51	9.65E-05	3	1168.597	0.72	Ovary	3L:+:38656595-38656627;UNKN:-:15799687-15799655;2R:-:46080667-46080635;UNKN:-:16237103-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_15783	QVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	42	0.000714775	1	1168.598	1.97	Midgut	3L:+:38656595-38656627;UNKN:-:15799687-15799655;2R:-:46080667-46080635;UNKN:-:16237103-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA

JHU_Ag_16419	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation), M5(Oxidation), N10(Deamidated),"M2(Oxidation), M5(Oxidation)","M2(Oxidation), M5(Oxidation), N6(Deamidated)"	133	4.45E-13	2	1806.806	1.06	Male reproductive organs	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_21544	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation), M5(Oxidation),"M2(Oxidation), M5(Oxidation), N10(Deamidated)",N6(Deamidated),M2(Oxidation), "M2(Oxidation), N10(Deamidated)",N10(Deamidated),M5(Oxidation),"M2(Oxidation), M5(Oxidation), N6(Deamidated)","M2(Oxidation), N6(Deamidated)"	134	5.30E-13	2	1805.824	2.08	Midgut	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_23816	QVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	54	5.28E-05	1	1168.594	-1.32	Visceras	3L:+:38656595-38656627;UNKN:-:15799687-15799655;2R:-:46080667-46080635;UNKN:-:16237103-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_37925	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation),M5(Oxidation),"M2(Oxidation), M5(Oxidation)"	133	6.04E-13	2	1805.825	2.82	Malpighian tubule	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_47898	VLKQVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	74	2.31E-07	1	1508.843	-0.09	Visceras	3L:+:38656586-38656627;UNKN:-:15799696-15799655;2R:-:46080676-46080635;UNKN:-:16237112-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_48014	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation),"M2(Oxidation), M5(Oxidation)"	133	6.58E-13	2	1805.832	6.54	Larva	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA

JHU_Ag_58655	VLKQVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	76	1.09E-07	1	1508.845	1.06	Malpighian tubule	3L:+:38656586-38656627;UNKN:-:15799696-15799655;2R:-:46080676-46080635;UNKN:-:16237112-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_75618	QVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	Q1(Deamidated)	56	3.58E-05	1	1168.590	-4.77	Head	3L:+:38656595-38656627;UNKN:-:15799687-15799655;2R:-:46080667-46080635;UNKN:-:16237103-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_87638	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation), M5(Oxidation), N10(Deamidated),"M2(Oxidation), M5(Oxidation)","M2(Oxidation), M5(Oxidation), N6(Deamidated)"	133	4.78E-13	2	1806.809	2.95	Ovary	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_90837	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation),M5(Oxidation),"M2(Oxidation), M5(Oxidation)","M2(Oxidation), N6(Deamidated)"	122	7.97E-12	1	1805.824	2.08	Visceras	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_95426	QVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	37	0.002533485	2	1168.596	0.34	Salivary gland	3L:+:38656595-38656627;UNKN:-:15799687-15799655;2R:-:46080667-46080635;UNKN:-:16237103-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_98357	QVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	51	8.62E-05	2	1168.596	0.13	Malpighian tubule	3L:+:38656595-38656627;UNKN:-:15799687-15799655;2R:-:46080667-46080635;UNKN:-:16237103-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_105476	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation), M5(Oxidation)	111	9.80E-11	1	1805.823	2.01	Pupa	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA

JHU_Ag_109146	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation),M5(Oxidation),"M2(Oxidation), M5(Oxidation)"	133	5.68E-13	2	1805.817	-1.44	Salivary gland	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_112505	QVHPDTGISSK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	-	42	0.000798 77	3	1168.597	1.35	Larva	3L:+:38656595-38656627;UNKN:-:15799687-15799655;2R:-:46080667-46080635;UNKN:-:16237103-16237071	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_117818	AMSIMNSFVNDIFER	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA	M2(Oxidation),M5(Oxidation),"M2(Oxidation), M5(Oxidation)","M2(Oxidation), M5(Oxidation), N10(Deamidated)"	122	9.37E-12	2	1789.833	4.51	Head	3L:+:38656628-38656672;UNKN:-:15799654-15799610;2R:-:46080634-46080590;UNKN:-:16237070-16237026	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_537	LAHYNK	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	34	0.004522 305	2	745.396	-4.51	Head	3L:+:38656694-38656711;UNKN:-:15799588-15799571;2R:-:46080562-46080545;UNKN:-:16237004-16236987;UNKN:+:35222662-35222679	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_5754	LAHYNKR	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	39	0.002142 109	2	901.500	-0.39	Midgut	3L:+:38656694-38656714;UNKN:-:15799588-15799568;2R:-:46080562-46080542;UNKN:-:16237004-16236984;UNKN:+:35222662-35222682	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_10364	LAHYNKR	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	42	0.001166 384	1	901.500	-0.39	Male reproductive organs	3L:+:38656694-38656714;UNKN:-:15799588-15799568;2R:-:46080562-46080542;UNKN:-:16237004-16236984;UNKN:+:35222662-35222682	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_17527	LAHYNKR	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	42	0.001209709	1	901.502	1.91	Visceras	3L:+:38656694-38656714;UNKN:-:15799588-15799568;2R:-:46080562-46080542;UNKN:-:16237004-16236984;UNKN:+:35222662-35222682	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_36745	RSTITSR	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	46	0.000240403	2	820.463	-0.85	Head	3L:+:38656712-38656732;UNKN:-:15799570-15799550;2R:-:46080544-46080524;UNKN:-:16236986-16236966;UNKN:+:35222680-35222700	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_96386	RSTITSR	AGAP012199-PA,AGAP012555-PA,AGAP003912-PA,AGAP012560-PA,AGAP012871-PA	-	32	0.005395306	1	820.470	8.1	Ovary	3L:+:38656712-38656732;UNKN:-:15799570-15799550;2R:-:46080544-46080524;UNKN:-:16236986-16236966;UNKN:+:35222680-35222700	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP003912-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_47372	AMSIMNSFVNDIFERIAAEASR	AGAP012199-PA,AGAP012555-PA,AGAP012560-PA	M5(Oxidation),"M2(Oxidation), M5(Oxidation)"	89	2.24E-08	1	2488.202	2.2	Malpighian tubule	3L:+:38656628-38656693;UNKN:-:15799654-15799589;UNKN:-:16237070-16237005	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_268	IAAEASR	AGAP012199-PA,AGAP012555-PA,AGAP012560-PA,AGAP012871-PA	-	39	0.002354252	1	717.388	-0.74	Midgut	3L:+:38656673-38656693;UNKN:-:15799609-15799589;UNKN:-:16237025-16237005;UNKN:+:35222641-35222661	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_4563	IAAEASR	AGAP012199-PA,AGAP012555-PA,AGAP012560-PA,AGAP012871-PA	-	50	0.000260229	2	717.390	1.03	Head	3L:+:38656673-38656693;UNKN:-:15799609-15799589;UNKN:-:16237025-16237005;UNKN:+:35222641-35222661	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_6142	IAAEASR	AGAP012199-PA,AGAP012555-PA,AGAP012560-PA,AGAP012871-PA	-	47	0.000458216	2	717.385	-5.78	Visceras	3L:+:38656673-38656693;UNKN:-:15799609-15799589;UNKN:-:16237025-16237005;UNKN:+:35222641-35222661	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_39357	IAAEASR	AGAP012199-PA,AGAP012555-PA,AGAP012560-PA,AGAP012871-PA	-	41	0.001290882	2	717.389	-0.25	Male reproductive organs	3L:+:38656673-38656693;UNKN:-:15799609-15799589;UNKN:-:16237025-16237005;UNKN:+:35222641-35222661	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_72023	IAAEASR	AGAP012199-PA,AGAP012555-PA,AGAP012560-PA,AGAP012871-PA	-	43	0.001211201	2	717.391	2.64	Ovary	3L:+:38656673-38656693;UNKN:-:15799609-15799589;UNKN:-:16237025-16237005;UNKN:+:35222641-35222661	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_94182	IAAEASR	AGAP012199-PA,AGAP012555-PA,AGAP012560-PA,AGAP012871-PA	-	53	9.18E-05	2	717.389	0.09	Malpighian tubule	3L:+:38656673-38656693;UNKN:-:15799609-15799589;UNKN:-:16237025-16237005;UNKN:+:35222641-35222661	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012555-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_5459	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	69	1.69E-06	1	1277.683	3.84	Head	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_6607	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	44	0.000695468	1	1149.587	3.49	Visceras	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_11069	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	43	0.00091897	2	1149.579	-3.59	Midgut	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_25787	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	69	1.73E-06	1	1277.678	0.6	Ovary	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_29493	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	47	0.000348082	1	1149.585	1.83	Ovary	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_34648	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	60	1.23E-05	1	1277.682	3.37	Malpighian tubule	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA

JHU_Ag_42971	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	47	0.000399762	1	1149.584	1.58	Pupa	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_51582	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	47	0.000389656	2	1149.585	2.25	Salivary gland	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_54510	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	79	1.80E-07	1	1277.674	-2.56	Midgut	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_64132	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	41	0.001320318	1	1149.585	2.32	Larva	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_64172	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	68	2.17E-06	1	1277.681	2.6	Larva	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_68472	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	51	0.000150826	1	1149.586	2.53	Head	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_80068	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	51	0.000129684	1	1149.583	0.09	Male reproductive organs	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_84589	HAVSEGTKAVTK	AGAP012199-PA,AGAP012560-PA	-	60	9.53E-06	2	1227.671	1.3	Malpighian tubule	3L:+:38656781-38656816;UNKN:-:16236917-16236882	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_101040	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	70	1.14E-06	1	1277.679	0.98	Male reproductive organs	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_102952	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	71	1.01E-06	1	1277.679	0.79	Visceras	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_103315	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	47	0.000277275	1	1277.679	0.98	Pupa	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_110454	ESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	52	0.000113	1	1149.581	-1.72	Malpighian tubule	3L:+:38656559-38656585;UNKN:-:16237139-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA
JHU_Ag_116629	KESYAIYIYK	AGAP012199-PA,AGAP012560-PA	-	58	2.47E-05	1	1277.678	-0.07	Salivary gland	3L:+:38656556-38656585;UNKN:-:16237142-16237113	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA

JHU_Ag_63851	AVTKYTSSK	AGAP012199-PA,AGAP012560-PA,AGAP012871-PA	-	61	7.54E-06	1	984.536	0.18	Malpighian tubule	3L:+:38656805-38656831;UNKN:-:16236893-16236867;UNKN:+:35222774-35222800	exon=> In CDS Exon 1 of transcript AGAP012199-PA;exon=> In CDS Exon 1 of transcript AGAP012560-PA;exon=> In CDS Exon 2 of transcript AGAP012871-PA
JHU_Ag_66206	VRIIPQPPR	AGAP012203-PA	-	20	0.001803142	1	1075.685	10.24	Salivary gland	3L:-:38712910-38712884	exon=> In CDS Exon 3 of transcript AGAP012203-PA
JHU_Ag_3507	LKVELSTLPVPS	AGAP012204-PA	-	77	5.00E-08	1	1282.762	0.4	Ovary	3L:+:38716961-38716996	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_13846	VDAAEEVDTSVVVK	AGAP012204-PA	-	116	3.64E-11	1	1460.751	2.01	Ovary	3L:+:38716394-38716435	exon=> In CDS Exon 1 of transcript AGAP012204-PA
JHU_Ag_26773	DLGAAMGVKR	AGAP012204-PA	M6(Oxidation)	39	0.001962436	1	1033.546	0.22	Malpighian tubule	3L:+:38716874-38716903	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_47610	EHPDYQDMYDK	AGAP012204-PA	M8(Oxidation)	48	2.78E-05	1	1456.571	1.39	Ovary	3L:+:38716928-38716960	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_51830	NIPYCYMPSR	AGAP012204-PA	C5(Carbamidomethyl), M7(Oxidation)	51	4.20E-05	1	1316.577	0.63	Ovary	3L:+:38716841-38716870	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_61151	VELSTLPVPS	AGAP012204-PA	-	37	0.001477437	2	1041.583	-0.01	Ovary	3L:+:38716967-38716996	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_62672	NASAIAQPMASK	AGAP012204-PA	M9(Oxidation)	68	2.74E-06	1	1204.601	1.66	Malpighian tubule	3L:+:38716466-38716501	exon=> In CDS Exon 1 of transcript AGAP012204-PA
JHU_Ag_65720	GTVAMLIR	AGAP012204-PA	M5(Oxidation)	49	0.000119048	2	876.499	1.64	Ovary	3L:+:38716904-38716927	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_75024	GETGLVVFAGDVTPIEIMCHLPAVCEEK	AGAP012204-PA	M18(Oxidation), C19(Carbamidomethyl), C25(Carbamidomethyl)	86	3.47E-08	1	3087.486	0.83	Ovary	3L:+:38716673-38716683,38716768-38716840	exon=> In CDS Exon 2 and 3 of transcript AGAP012204-PA
JHU_Ag_77442	EHPDYQDMYDKLK	AGAP012204-PA	M8(Oxidation)	59	1.07E-05	1	1697.746	-0.95	Ovary	3L:+:38716928-38716966	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_82042	GETGLVVFAGDVTPIEIMCHLPAVCEEK	AGAP012204-PA	M18(Oxidation), C19(Carbamidomethyl), C25(Carbamidomethyl)	33	0.006294241	1	3087.486	0.83	Head	3L:+:38716673-38716683,38716768-38716840	exon=> In CDS Exon 2 and 3 of transcript AGAP012204-PA
JHU_Ag_107607	DLGAAMGVK	AGAP012204-PA	M6(Oxidation)	37	0.003576951	1	877.446	1.84	Ovary	3L:+:38716874-38716900	exon=> In CDS Exon 3 of transcript AGAP012204-PA
JHU_Ag_112034	NASAIAQPMASK	AGAP012204-PA	M9(Oxidation)	87	2.70E-08	1	1204.599	-0.46	Ovary	3L:+:38716466-38716501	exon=> In CDS Exon 1 of transcript AGAP012204-PA
JHU_Ag_55424	IPIPPLR	AGAP012214-PA	-	25	0.002518199	2	805.528	-1.84	Head	3L:-:38968007-38967987	exon=> In CDS Exon 1 of transcript AGAP012214-PA
JHU_Ag_68160	SLHDIEDYFR	AGAP012218-PA	-	43	0.000748749	1	1294.603	-2.77	Head	3L:+:38979749-38979778	exon=> In CDS Exon 5 of transcript AGAP012218-PA
JHU_Ag_19209	EQELEEVLTK	AGAP012220-PA	-	69	2.43E-06	2	1217.624	-1.51	Midgut	3L:-:38999733-38999704	exon=> In CDS Exon 1 of transcript AGAP012220-PA
JHU_Ag_113372	TAGGASSAAAGGIAGAASSGFK	AGAP012220-PA	-	122	1.19E-11	2	1766.868	0.82	Head	3L:-:38993520-38993455	exon=> In CDS Exon 2 of transcript AGAP012220-PA
JHU_Ag_117067	YTDEDRPAVSGIFPTFSDVVQHIISSSAEQ	AGAP012227-PA	-	43	0.000566772	1	3295.583	2.32	Ovary	3L:+:39154962-39155051	exon=> In CDS Exon 3 of transcript AGAP012227-PA
JHU_Ag_5395	LSEFAPENLAEKWDNVGLLVEPR	AGAP012228-PA	-	88	1.59E-08	1	2626.359	3	Head	3L:-:39156173-39156105	exon=> In CDS Exon 1 of transcript AGAP012228-PA
JHU_Ag_17833	ETGAQMIISYHPPIFAPLK	AGAP012228-PA	M6(Oxidation)	63	5.74E-06	1	2129.111	0.26	Ovary	3L:-:39155965-39155909	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_19024	LSEFAPENLAEKWDNVGLLVEPR	AGAP012228-PA	-	86	2.37E-08	1	2626.363	4.4	Malpighian tubule	3L:-:39156173-39156105	exon=> In CDS Exon 1 of transcript AGAP012228-PA
JHU_Ag_20371	GYLSVFK	AGAP012228-PA	-	39	0.000923182	1	813.451	0.91	Ovary	3L:-:39155434-39155414	exon=> In CDS Exon 2 of transcript AGAP012228-PA

JHU_Ag_31391	SSITNILLTIDLTEAVVAEAR	AGAP012228-PA	-	143	2.14E-14	1	2229.236	0.84	Ovary	3L:-:39156095-39156284,39155315-39155966	exon=> In CDS Exon 2 and 1 of transcript AGAP012228-PA
JHU_Ag_33637	LSEFAPENLAEK	AGAP012228-PA	-	43	0.001002063	2	1347.681	1.62	Ovary	3L:-:39156173-39156138	exon=> In CDS Exon 1 of transcript AGAP012228-PA
JHU_Ag_34473	ETGAQMIISYHPPIFAPLKR	AGAP012228-PA	M6(Oxidation)	62	4.31E-06	1	2285.212	0.49	Ovary	3L:-:39155965-39155906	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_41944	HDIAIYSPHTSWDNVTNGVNDWLADSLPHADSRPILENPINAAYGAGR	AGAP012228-PA	-	88	9.56E-09	1	5240.528	1.31	Ovary	3L:-:39155857-39155714	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_57077	KVQTYAVCAGSGASVLK	AGAP012228-PA	C8(Carbamidomethyl)	63	5.82E-06	1	1738.919	1.85	Ovary	3L:-:39155596-39155546	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_58737	WDNVGLLVEPR	AGAP012228-PA	-	45	0.000244887	2	1297.695	3.77	Midgut	3L:-:39156137-39156105	exon=> In CDS Exon 1 of transcript AGAP012228-PA
JHU_Ag_60552	IVIDCIR	AGAP012228-PA	C5(Carbamidomethyl)	38	0.002845573	1	888.498	0.87	Ovary	3L:-:39155878-39155858	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_70167	VQTYAVCAGSGASVLK	AGAP012228-PA	C7(Carbamidomethyl)	114	7.18E-11	2	1610.822	0.9	Ovary	3L:-:39155593-39155546	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_80702	ETGAQMIISYHPPIFAPLK	AGAP012228-PA	M6(Oxidation)	71	7.04E-07	1	2129.121	5.25	Head	3L:-:39155965-39155909	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_96401	LSEFAPENLAEKWDNVGLLVEPR	AGAP012228-PA	-	54	4.31E-05	3	2626.351	0.07	Midgut	3L:-:39156173-39156105	exon=> In CDS Exon 1 of transcript AGAP012228-PA
JHU_Ag_101137	WDNVGLLVEPR	AGAP012228-PA	-	63	4.91E-06	2	1297.692	1.61	Ovary	3L:-:39156137-39156105	exon=> In CDS Exon 1 of transcript AGAP012228-PA
JHU_Ag_101169	LSEFAPENLAEKWDNVGLLVEPR	AGAP012228-PA	-	140	1.10E-13	1	2626.354	0.91	Ovary	3L:-:39156173-39156105	exon=> In CDS Exon 1 of transcript AGAP012228-PA
JHU_Ag_117324	DAVQQIVK	AGAP012228-PA	-	49	0.000192105	2	900.515	-0.35	Ovary	3L:-:39155677-39155654	exon=> In CDS Exon 2 of transcript AGAP012228-PA
JHU_Ag_114187	LEGVIGSPEKPLSDLGK	AGAP012229-PA	-	31	0.003201548	1	1738.960	0.64	Ovary	3L:-:39156903-39156853	exon=> In CDS Exon 2 of transcript AGAP012229-PA
JHU_Ag_46708	GYGGVQLSPVNENIVIR	AGAP012230-PA	-	83	4.23E-08	1	1814.987	6.25	Larva	3L:+:39159364-39159414	exon=> In CDS Exon 1 of transcript AGAP012230-PA
JHU_Ag_65818	LNNLNTAYGFAPGSR	AGAP012230-PA	-	89	1.75E-08	2	1594.803	3.83	Larva	3L:+:39159886-39159930	exon=> In CDS Exon 1 of transcript AGAP012230-PA
JHU_Ag_99436	AFLAQEVIDMGAHEAVR	AGAP012230-PA	M10(Oxidation)	90	1.36E-08	1	1872.937	5.1	Larva	3L:+:39159931-39159981	exon=> In CDS Exon 1 of transcript AGAP012230-PA
JHU_Ag_113275	MATAFAAAYPYGQLR	AGAP012230-PA	M1(Oxidation)	65	5.21E-06	2	1646.803	1.78	Larva	3L:+:39160201-39160245	exon=> In CDS Exon 1 of transcript AGAP012230-PA
JHU_Ag_117050	NLAWGTPLQHWWDNGNNQIAFAR	AGAP012230-PA	-	39	0.001967782	1	2709.327	7.5	Larva	3L:+:39160405-39160473	exon=> In CDS Exon 1 of transcript AGAP012230-PA
JHU_Ag_1684	RIEYITK	AGAP012235-PA	-	36	0.00169387	1	922.537	1.28	Ovary	3L:+:39177274-39177294	exon=> In CDS Exon 3 of transcript AGAP012235-PA
JHU_Ag_2060	SILEELQMLKPTNTVYK	AGAP012235-PA	M8(Oxidation)	45	0.000286078	1	2023.083	2.36	Head	3L:+:39177064-39177105,39177205-39177213	exon=> In CDS Exon 2 and 3 of transcript AGAP012235-PA
JHU_Ag_12555	LVQTQQQLDGQYFENK	AGAP012235-PA	-	52	9.57E-05	2	1938.958	1.12	Visceras	3L:+:39177016-39177063	exon=> In CDS Exon 2 of transcript AGAP012235-PA
JHU_Ag_16848	LQMQYQSQMAIAK	AGAP012235-PA	M3(Oxidation), M9(Oxidation)	112	8.97E-11	1	1571.759	2.23	Ovary	3L:+:39177370-39177408	exon=> In CDS Exon 3 of transcript AGAP012235-PA
JHU_Ag_21037	MDKEVAVLQR	AGAP012235-PA	N-Term(Acetyl), M1(Oxidation)	74	6.46E-07	1	1246.649	2.52	Malpighian tubule	3L:+:39176832-39176861	exon=> In CDS Exon 1 of transcript AGAP012235-PA
JHU_Ag_32011	LVQTQQQLDGQYFENK	AGAP012235-PA	-	89	1.96E-08	1	1938.958	0.99	Midgut	3L:+:39177016-39177063	exon=> In CDS Exon 2 of transcript AGAP012235-PA
JHU_Ag_60287	IEYITK	AGAP012235-PA	-	34	0.001798918	1	766.435	0.01	Ovary	3L:+:39177277-39177294	exon=> In CDS Exon 3 of transcript AGAP012235-PA

JHU_Ag_103882	MDKEVAVLQR	AGAP012235-PA	N-Term(Acetyl), M1(Oxidation)	67	3.29E-06	1	1246.648	1.64	Ovary	3L:+:39176832-39176861	exon=> In CDS Exon 1 of transcript AGAP012235-PA
JHU_Ag_110322	RCGENITQLEAK	AGAP012235-PA	C2(Carbamidomethyl)	70	1.68E-06	2	1418.709	2.34	Ovary	3L:+:39177304-39177339	exon=> In CDS Exon 3 of transcript AGAP012235-PA
JHU_Ag_111405	KLEAELK	AGAP012235-PA	-	50	0.000172129	2	830.499	1.15	Ovary	3L:+:39176862-39176882	exon=> In CDS Exon 1 of transcript AGAP012235-PA
JHU_Ag_111896	LVQTQQQLDGQYFENK	AGAP012235-PA	-	136	4.04E-13	1	1938.960	2.25	Ovary	3L:+:39177016-39177063	exon=> In CDS Exon 2 of transcript AGAP012235-PA
JHU_Ag_112095	MDKEVAVLQR	AGAP012235-PA	N-Term(Acetyl)	72	1.20E-06	1	1230.655	2.79	Malpighian tubule	3L:+:39176832-39176861	exon=> In CDS Exon 1 of transcript AGAP012235-PA
JHU_Ag_113923	SILEELQMLKPTNTVYK	AGAP012235-PA	M8(Oxidation)	63	4.18E-06	1	2023.078	-0.18	Ovary	3L:+:39177064-39177105,39177205-39177213	exon=> In CDS Exon 2 and 3 of transcript AGAP012235-PA
JHU_Ag_116902	LVQTQQQLDGQYFENK	AGAP012235-PA	-	86	4.50E-08	2	1938.957	0.62	Head	3L:+:39177016-39177063	exon=> In CDS Exon 2 of transcript AGAP012235-PA
JHU_Ag_68487	KMEAIVK	AGAP012236-PA	-	39	0.000809431	2	818.488	9.28	Head	3L:+:39197390-39197410	exon=> In CDS Exon 4 of transcript AGAP012236-PA
JHU_Ag_155	DYSQAIDSPKPVGTNYSR	AGAP012240-PA	-	48	0.000271712	1	1997.962	2.58	Head	3L:+:39250480-39250498,39250571-39250605	exon=> In CDS Exon 2 and 3 of transcript AGAP012240-PA
JHU_Ag_176	VQETGEDGISELAAELNSGK	AGAP012240-PA	-	102	9.65E-10	1	2046.982	-0.23	Ovary	3L:+:39249896-39249955	exon=> In CDS Exon 1 of transcript AGAP012240-PA
JHU_Ag_16744	EGAATAAASVSSASPVSPDR	AGAP012240-PA	-	88	2.58E-08	2	1830.890	3.97	Head	3L:+:39250863-39250922	exon=> In CDS Exon 4 of transcript AGAP012240-PA
JHU_Ag_29361	FVFINWQGEGAPIAR	AGAP012240-PA	-	80	1.40E-07	1	1704.894	4.75	Malpighian tubule	3L:+:39250007-39250027,39250306-39250329	exon=> In CDS Exon 1 and 2 of transcript AGAP012240-PA
JHU_Ag_33466	IQYAFLR	AGAP012240-PA	-	33	0.003855327	2	910.517	3.12	Head	3L:+:39249956-39249976	exon=> In CDS Exon 1 of transcript AGAP012240-PA
JHU_Ag_58485	IQYAFLR	AGAP012240-PA	-	40	0.000719233	1	910.513	-1.51	Ovary	3L:+:39249956-39249976	exon=> In CDS Exon 1 of transcript AGAP012240-PA
JHU_Ag_61628	VDNSETGIAK	AGAP012240-PA	-	49	0.000236458	2	1033.517	0.67	Head	3L:+:39249977-39250006	exon=> In CDS Exon 1 of transcript AGAP012240-PA
JHU_Ag_68306	VQETGEDGISELAAELNSGK	AGAP012240-PA	-	107	3.32E-10	2	2046.988	2.46	Head	3L:+:39249896-39249955	exon=> In CDS Exon 1 of transcript AGAP012240-PA
JHU_Ag_76652	FVFINWQGEGAPIAR	AGAP012240-PA	-	92	9.36E-09	2	1704.893	4.47	Head	3L:+:39250007-39250027,39250306-39250329	exon=> In CDS Exon 1 and 2 of transcript AGAP012240-PA
JHU_Ag_80561	VQETGEDGISELAAELNSGK	AGAP012240-PA	-	124	6.82E-12	2	2046.988	2.46	Midgut	3L:+:39249896-39249955	exon=> In CDS Exon 1 of transcript AGAP012240-PA
JHU_Ag_91493	QLPEIR	AGAP012241-PA	-	35	0.001481286	2	755.441	0.21	Larva	3L:+:39252977-39252994	exon=> In CDS Exon 1 of transcript AGAP012241-PA
JHU_Ag_96769	QLPEIR	AGAP012241-PA	-	31	0.003722264	2	755.441	0.13	Midgut	3L:+:39252977-39252994	exon=> In CDS Exon 1 of transcript AGAP012241-PA
JHU_Ag_111736	QLPEIR	AGAP012241-PA	-	32	0.003402571	2	755.442	1.26	Visceras	3L:+:39252977-39252994	exon=> In CDS Exon 1 of transcript AGAP012241-PA
JHU_Ag_73439	QIREFLK	AGAP012247-PA	Q1(Deamidated)	38	0.001019309	2	934.537	0.92	Visceras	3L:+:39297560-39297580	exon=> In CDS Exon 2 of transcript AGAP012247-PA
JHU_Ag_81018	QIREFLK	AGAP012247-PA	Q1(Deamidated)	38	0.001024014	2	934.538	2.1	Malpighian tubule	3L:+:39297560-39297580	exon=> In CDS Exon 2 of transcript AGAP012247-PA
JHU_Ag_91109	QIREFLK	AGAP012247-PA	Q1(Deamidated)	39	0.001067282	2	934.533	-2.41	Head	3L:+:39297560-39297580	exon=> In CDS Exon 2 of transcript AGAP012247-PA
JHU_Ag_1065	ALIGQGHPDFSTK	AGAP012248-PA	-	53	6.56E-05	2	1370.707	0.8	Ovary	3L:-:39299999-39299961	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_2837	DKIEIPDPSAADGAGGADGPEK	AGAP012248-PA	-	62	1.06E-05	2	2109.998	2	Malpighian tubule	3L:-:39301107-39301042	exon=> In CDS Exon 1 of transcript AGAP012248-PA

JHU_Ag_3962	AIFDSFPSDPANDFNVQMAK	AGAP012248-PA	M18(Oxidation)	61	8.85E-06	1	2230.014	1	Salivary gland	3L:-:39300240-39301317,39298910-39300102	exon=> In CDS Exon 2 and 1 of transcript AGAP012248-PA
JHU_Ag_7090	ALKETGNNTER	AGAP012248-PA	-	45	0.000583492	1	1232.629	4.82	Malpighian tubule	3L:-:39299099-39299067	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_7611	DGQWVIFNDNK	AGAP012248-PA	-	49	0.000184809	2	1335.632	-0.91	Head	3L:-:39298752-39298720	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_9927	KYEYQEHYQVVVFDEPVVR	AGAP012248-PA	-	102	9.52E-10	1	2427.207	3.84	Ovary	3L:-:39300984-39300928	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_13345	QQQDAQEFFLHIISTLEK	AGAP012248-PA	-	106	2.94E-10	1	2175.115	3.05	Salivary gland	3L:-:39299960-39299907	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_14090	AIFDSFPSDPANDFNVQMAK	AGAP012248-PA	M18(Oxidation)	82	8.33E-08	2	2230.017	1.98	Head	3L:-:39300240-39301317,39298910-39300102	exon=> In CDS Exon 2 and 1 of transcript AGAP012248-PA
JHU_Ag_14821	AIFDSFPSDPANDFNVQMAK	AGAP012248-PA	M18(Oxidation)	118	1.68E-11	1	2230.021	3.84	Ovary	3L:-:39300240-39301317,39298910-39300102	exon=> In CDS Exon 2 and 1 of transcript AGAP012248-PA
JHU_Ag_16993	RDEWCLPLQIPLQK	AGAP012248-PA	C5(Carbamidomethyl)	39	0.00095781	2	1795.958	2.93	Male reproductive organs	3L:-:39299810-39299769	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_19833	ELGYLYLYQR	AGAP012248-PA	-	43	0.001051578	2	1317.684	-0.2	Ovary	3L:-:39298692-39298663	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_23171	ATNLDEVKQYEAER	AGAP012248-PA	-	121	1.30E-11	1	1665.814	3.8	Malpighian tubule	3L:-:39299768-39299727	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_25337	DEWCLPLQIPLQK	AGAP012248-PA	C4(Carbamidomethyl)	55	3.31E-05	1	1639.852	0.4	Male reproductive organs	3L:-:39299807-39299769	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_32208	QVSTHAAELLQLDNGKK	AGAP012248-PA	-	44	0.000273944	1	1851.992	-0.09	Ovary	3L:-:39300798-39300748	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_34838	VAISQNPPKELGYLYLYQR	AGAP012248-PA	-	67	1.51E-06	1	2252.212	2.06	Ovary	3L:-:39298719-39298663	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_40617	IGEWGILCESGSQLKPIAGPGYTGMK	AGAP012248-PA	C8(Carbamidomethyl), M25(Oxidation)	36	0.003657026	3	2765.365	0.27	Head	3L:-:39300408-39300331	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_43973	ELGYLYLYQR	AGAP012248-PA	-	52	0.000117447	1	1317.684	-0.11	Malpighian tubule	3L:-:39298692-39298663	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_45624	HLAHWGINVGQLEK	AGAP012248-PA	-	64	4.66E-06	3	1601.855	0.01	Salivary gland	3L:-:39300495-39300454	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_45918	IGEWGILCESGSQLKPIAGPGYTGMK	AGAP012248-PA	C8(Carbamidomethyl), M25(Oxidation)	135	3.90E-13	1	2765.370	2.39	Salivary gland	3L:-:39300408-39300331	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_46200	NTGIEPATQWMMEHIADADFASPFVPPGTGGK	AGAP012248-PA	M11(Oxidation), M12(Oxidation)	42	0.000797987	1	3404.573	4.76	Malpighian tubule	3L:-:39299288-39299193	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_48773	LGTITADGKGDVYSYSEDDMVEDPYLVK	AGAP012248-PA	M20(Oxidation)	97	2.07E-09	1	3080.427	-0.7	Ovary	3L:-:39300579-39300496	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_48776	FTLKEDWTSLK	AGAP012248-PA	-	39	0.001141919	1	1367.720	-0.64	Male reproductive organs	3L:-:39299522-39299490	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_53758	ELGYLYLYQR	AGAP012248-PA	-	60	1.82E-05	1	1317.688	3.04	Salivary gland	3L:-:39298692-39298663	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_54543	AIFDSFPSDPANDFNVQMAK	AGAP012248-PA	M18(Oxidation)	85	4.21E-08	1	2230.021	4.06	Malpighian tubule	3L:-:39300240-39301317,39298910-39300102	exon=> In CDS Exon 2 and 1 of transcript AGAP012248-PA
JHU_Ag_55542	LGTGLCSGR	AGAP012248-PA	C6(Carbamidomethyl)	65	4.38E-06	2	920.464	2.81	Malpighian tubule	3L:-:39300101-39300075	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_56136	RDEWCLPLQIPLQK	AGAP012248-PA	C5(Carbamidomethyl)	43	0.00041409	2	1795.957	2.45	Ovary	3L:-:39299810-39299769	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_56833	ELGYLYLYQR	AGAP012248-PA	-	51	0.000145985	2	1317.686	1.65	Head	3L:-:39298692-39298663	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_56857	QVSTHAAELLQLDNGK	AGAP012248-PA	-	62	7.44E-06	1	1723.903	3.24	Head	3L:-:39300798-39300751	exon=> In CDS Exon 1 of transcript AGAP012248-PA

JHU_Ag_58109	LASMPDYLLLHLKK	AGAP012248-PA	-	60	4.06E-06	1	1641.945	3.04	Malpighian tubule	3L:-:39299564-39299523	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_60764	LAIGVEGGYTGAESK	AGAP012248-PA	-	114	5.87E-11	1	1451.738	0.42	Ovary	3L:-:39301029-39300985	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_61390	FCIEDRVECCSSGK	AGAP012248-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	37	0.000840615	1	1746.723	-1.13	Salivary gland	3L:-:39299867-39299826	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_65406	IEIPDPSAADGAGGADGPEK	AGAP012248-PA	-	60	1.25E-05	2	1866.876	2.25	Midgut	3L:-:39301101-39301042	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_66920	FFDGSGGNDHAVNHYKETNYPLAVK	AGAP012248-PA	-	34	0.005792308	1	2780.313	2.29	Ovary	3L:-:39300654-39300580	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_68380	ALIGQGHPDFSTK	AGAP012248-PA	-	61	8.13E-06	2	1370.707	0.17	Head	3L:-:39299999-39299961	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_68432	ATNLDEVKQYEAER	AGAP012248-PA	-	78	2.53E-07	2	1665.810	1.24	Ovary	3L:-:39299768-39299727	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_69368	ALIGQGHPDFSTK	AGAP012248-PA	-	64	5.37E-06	1	1370.711	3.65	Male reproductive organs	3L:-:39299999-39299961	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_73456	NTGIEPATQWMMEHIADADFASPFVPPGTGGK	AGAP012248-PA	M11(Oxidation), M12(Oxidation)	32	0.006228858	1	3404.559	0.67	Ovary	3L:-:39299288-39299193	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_75374	FCIEDRVECCSSGK	AGAP012248-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	34	0.001621003	2	1746.726	0.87	Ovary	3L:-:39299867-39299826	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_78453	VAISQNPPK	AGAP012248-PA	-	38	0.001239336	2	953.544	2.87	Ovary	3L:-:39298719-39298693	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_78682	IGEWGILCESGSQLKPIAGPGYTGMK	AGAP012248-PA	C8(Carbamidomethyl), M25(Oxidation)	149	1.83E-14	1	2765.363	-0.26	Male reproductive organs	3L:-:39300408-39300331	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_82541	LVAFISHMGTSAQVGHYVCHILK	AGAP012248-PA	M8(Oxidation), C19(Carbamidomethyl)	49	0.000135577	1	2584.335	7.15	Ovary	3L:-:39298821-39298753	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_82709	FFDGSGGNDHAVNHYKETNYPLAVK	AGAP012248-PA	-	51	9.13E-05	1	2780.308	0.51	Malpighian tubule	3L:-:39300654-39300580	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_84802	FCIEDRVECCSSGK	AGAP012248-PA	C2(Carbamidomethyl), C9(Carbamidomethyl), C10(Carbamidomethyl)	50	5.42E-05	2	1746.735	5.83	Malpighian tubule	3L:-:39299867-39299826	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_86944	AIFFTK	AGAP012248-PA	-	32	0.003254265	1	726.420	1.74	Male reproductive organs	3L:-:39299306-39299289	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_88842	KFFDGSGGNDHAVNHYK	AGAP012248-PA	-	33	0.005795334	1	1892.861	-3.44	Head	3L:-:39300657-39300607	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_90396	AIFDSFPSDPANDFNVQMAK	AGAP012248-PA	M18(Oxidation)	85	3.39E-08	1	2230.009	-1.41	Male reproductive organs	3L:-:39300240-39301317,39298910-39300102	exon=> In CDS Exon 2 and 1 of transcript AGAP012248-PA
JHU_Ag_91949	ALIGQGHPDFSTK	AGAP012248-PA	-	61	9.80E-06	2	1370.711	3.38	Malpighian tubule	3L:-:39299999-39299961	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_93907	LGTGLCSGR	AGAP012248-PA	C6(Carbamidomethyl)	79	2.31E-07	2	920.462	-0.24	Salivary gland	3L:-:39300101-39300075	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_95167	LASMPDYLLLHLK	AGAP012248-PA	M4(Oxidation)	64	3.52E-06	1	1529.845	3.34	Ovary	3L:-:39299564-39299526	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_96323	LASMPDYLLLHLKK	AGAP012248-PA	M4(Oxidation)	49	7.89E-05	1	1657.935	0.34	Ovary	3L:-:39299564-39299523	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_97121	DGQWVIFNDNK	AGAP012248-PA	-	74	5.80E-07	2	1335.635	1.83	Salivary gland	3L:-:39298752-39298720	exon=> In CDS Exon 3 of transcript AGAP012248-PA
JHU_Ag_98388	IGEWGILCESGSQLKPIAGPGYTGMK	AGAP012248-PA	C8(Carbamidomethyl), M25(Oxidation),C8(Carbamidomethyl)	71	1.00E-06	1	2765.376	4.51	Malpighian tubule	3L:-:39300408-39300331	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_98448	IEIPDPSAADGAGGADGPEK	AGAP012248-PA	-	95	4.02E-09	1	1866.875	1.92	Head	3L:-:39301101-39301042	exon=> In CDS Exon 1 of transcript AGAP012248-PA

JHU_Ag_98761	RLDPDALVRPK	AGAP012248-PA	-	35	0.000831649	1	1279.751	2.08	Salivary gland	3L:-:39299702-39299670	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_99411	LASMPDYLLLHLK	AGAP012248-PA	-	49	9.46E-05	1	1513.846	0.6	Head	3L:-:39299564-39299526	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_100968	ATNLDEVK	AGAP012248-PA	-	39	0.002909827	1	889.466	3.42	Ovary	3L:-:39299768-39299745	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_106484	QQQDAQEFFLHIISTLEK	AGAP012248-PA	Q1(Deamidated),Q2(Deamidated)	116	3.05E-11	1	2175.118	4.74	Ovary	3L:-:39299960-39299907	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_106945	LAIGVEGGYTGAESK	AGAP012248-PA	-	117	3.20E-11	1	1451.743	3.53	Malpighian tubule	3L:-:39301029-39300985	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_109601	LASMPDYLLLHLKK	AGAP012248-PA	M4(Oxidation)	60	5.96E-06	1	1657.937	1.59	Male reproductive organs	3L:-:39299564-39299523	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_110022	IGEWGILCESGSQLKPIAGPGYTGMK	AGAP012248-PA	C8(Carbamidomethyl),M25(Oxidation),C8(Carbamidomethyl)	122	7.42E-12	1	2749.371	0.91	Ovary	3L:-:39300408-39300331	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_112935	LDVAIDIPEVLDLETLR	AGAP012248-PA	-	60	4.76E-06	1	1924.071	3.51	Ovary	3L:-:39299489-39299439	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_115142	KYEYQEHYQVVVFDEPVVR	AGAP012248-PA	-	107	3.31E-10	1	2427.203	2.23	Salivary gland	3L:-:39300984-39300928	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_115879	LGTGLCSGR	AGAP012248-PA	C6(Carbamidomethyl)	58	3.18E-05	2	920.461	-1.5	Head	3L:-:39300101-39300075	exon=> In CDS Exon 2 of transcript AGAP012248-PA
JHU_Ag_116278	HLAHWGINVGQLEK	AGAP012248-PA	-	74	4.55E-07	1	1601.864	5.51	Ovary	3L:-:39300495-39300454	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_116287	FFDGSGGNDHAVNHYK	AGAP012248-PA	-	84	3.52E-08	2	1764.773	-0.01	Head	3L:-:39300654-39300607	exon=> In CDS Exon 1 of transcript AGAP012248-PA
JHU_Ag_290	FDQHSGEHLTAEETPAEYLQR	AGAP012249-PA	-	116	2.89E-11	1	2458.115	-4.71	Head	3L:+:39304289-39304351	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_18209	FDQHSGEHLTAEETPAEYLQR	AGAP012249-PA	-	94	4.83E-09	1	2458.130	1.24	Ovary	3L:+:39304289-39304351	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_37917	AIGADSAEPR	AGAP012249-PA	-	55	3.02E-05	2	986.493	2.92	Malpighian tubule	3L:+:39303399-39303428	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_46829	LLVGELDPVQGEAK	AGAP012249-PA	-	66	1.69E-06	1	1467.813	5.27	Salivary gland	3L:+:39304220-39304261	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_47405	EMQNRPTNAFSGGWR	AGAP012249-PA	M2(Oxidation)	45	0.00036491	1	1766.806	1.84	Salivary gland	3L:+:39303465-39303509	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_47681	ILAGLGFSR	AGAP012249-PA	-	52	2.62E-05	2	933.555	3.66	Ovary	3L:+:39303438-39303464	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_47886	QKPLFVGADFGIDLSSR	AGAP012249-PA	-	84	4.21E-08	1	1849.990	4.77	Malpighian tubule	3L:+:39304121-39304171	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_48852	NQKPGEDDDGPVELLSKPK	AGAP012249-PA	-	75	4.72E-07	1	2066.054	6.9	Ovary	3L:+:39303906-39303962	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_56113	LDDGDEEEGDEEAGEK	AGAP012249-PA	-	141	1.07E-14	1	1736.664	1.53	Head	3L:+:39302820-39302867	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_57510	VAIVGPNGVGK	AGAP012249-PA	-	40	0.000189127	2	1010.602	2.15	Malpighian tubule	3L:+:39304172-39304204	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_62180	ILAGLGFSR	AGAP012249-PA	-	33	0.0025235	2	933.554	1.96	Malpighian tubule	3L:+:39303438-39303464	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_63155	LDDGDEEEGDEEAGEK	AGAP012249-PA	-	125	2.97E-13	1	1736.660	-0.79	Midgut	3L:+:39302820-39302867	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_73700	LLVGELDPVQGEAK	AGAP012249-PA	-	54	2.54E-05	2	1467.813	5.44	Malpighian tubule	3L:+:39304220-39304261	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_78386	LLVGELDPVQGEAK	AGAP012249-PA	-	53	3.02E-05	1	1467.808	1.86	Ovary	3L:+:39304220-39304261	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_85788	GNDLFVNANLLIANGR	AGAP012249-PA	-	92	6.53E-09	2	1700.909	0.76	Ovary	3L:+:39303081-39303128	exon=> In CDS Exon 1 of transcript AGAP012249-PA

JHU_Ag_90238	TLLIVSHDQSFLDNVCNEIIHLDNKK	AGAP012249-PA	C16(Carbamidomethyl)	120	8.15E-12	1	3065.595	7.2	Ovary	3L:+:39303636-39303713	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_95353	FSFPDPPPLQPPILGLHNCHFNFPK	AGAP012249-PA	C19(Carbamidomethyl)	52	7.00E-05	1	2916.482	5.76	Ovary	3L:+:39303978-39304029,39304098-39304120	exon=> In CDS Exon 1 and 2 of transcript AGAP012249-PA
JHU_Ag_97096	IGRFDQHSGEHLTAEETPAEYLQR	AGAP012249-PA	-	58	2.32E-05	1	2784.345	3.92	Malpighian tubule	3L:+:39304280-39304351	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_100588	ILAGLGFSR	AGAP012249-PA	-	48	8.77E-05	2	933.554	2.42	Salivary gland	3L:+:39303438-39303464	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_107741	IELQDKLQEVYNELK	AGAP012249-PA	-	61	6.80E-06	1	1862.000	4.95	Ovary	3L:+:39303354-39303398	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_110910	LFNLPYEK	AGAP012249-PA	-	40	0.000778176	1	1023.553	1.75	Malpighian tubule	3L:+:39304352-39304375	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_111169	TLLIVSHDQSFLDNVCNEIIHLDNK	AGAP012249-PA	C16(Carbamidomethyl)	51	7.04E-05	1	2937.500	7.76	Ovary	3L:+:39303636-39303710	exon=> In CDS Exon 1 of transcript AGAP012249-PA
JHU_Ag_114305	VAIVGPNGVGK	AGAP012249-PA	-	35	0.000619484	2	1010.599	-0.2	Ovary	3L:+:39304172-39304204	exon=> In CDS Exon 2 of transcript AGAP012249-PA
JHU_Ag_15098	QGGAGWLIAVR	AGAP012251-PA	-	57	1.40E-05	2	1127.634	1.57	Malpighian tubule	3L:+:39327000-39327032	exon=> In CDS Exon 2 of transcript AGAP012251-PA
JHU_Ag_47233	SNHVLVWEQAEMATDEGVLPAKR	AGAP012251-PA	M12(Oxidation)	56	3.66E-05	1	2596.293	3.98	Malpighian tubule	3L:+:39324457-39324520,39326623-39326627	exon=> In CDS Exon 1 and 2 of transcript AGAP012251-PA
JHU_Ag_51190	FIQGLGEGPIVPCTHAMLAK	AGAP012251-PA	C13(Carbamidomethyl), M17(Oxidation),C13(Carbamidomethyl)	78	1.69E-07	1	2155.106	0.91	Malpighian tubule	3L:+:39327033-39327092	exon=> In CDS Exon 2 of transcript AGAP012251-PA
JHU_Ag_52009	VNHTWTR	AGAP012251-PA	-	28	0.010767082	1	913.464	0.01	Midgut	3L:+:39327701-39327721	exon=> In CDS Exon 3 of transcript AGAP012251-PA
JHU_Ag_61169	YIQQSLWGNASVHIPPIPWTSIAK	AGAP012251-PA	-	58	6.13E-06	1	2706.454	5.01	Malpighian tubule	3L:+:39327330-39327401	exon=> In CDS Exon 2 of transcript AGAP012251-PA
JHU_Ag_77061	YIQQSLWGNASVHIPPIPWTSIAK	AGAP012251-PA	-	34	0.001439024	1	2706.462	8.12	Salivary gland	3L:+:39327330-39327401	exon=> In CDS Exon 2 of transcript AGAP012251-PA
JHU_Ag_84822	YIQQSLWGNASVHIPPIPWTSIAK	AGAP012251-PA	-	33	0.003345931	1	2706.435	-1.82	Head	3L:+:39327330-39327401	exon=> In CDS Exon 2 of transcript AGAP012251-PA
JHU_Ag_100484	INHLDITPR	AGAP012251-PA	-	42	0.000560383	1	1078.603	2.54	Malpighian tubule	3L:+:39327863-39327889	exon=> In CDS Exon 3 of transcript AGAP012251-PA
JHU_Ag_103530	FIQGLGEGPIVPCTHAMLAK	AGAP012251-PA	C13(Carbamidomethyl), M17(Oxidation)	78	1.96E-07	1	2155.103	-0.53	Midgut	3L:+:39327033-39327092	exon=> In CDS Exon 2 of transcript AGAP012251-PA
JHU_Ag_105657	INHLDITPR	AGAP012251-PA	-	44	0.000341819	1	1078.600	-0.51	Midgut	3L:+:39327863-39327889	exon=> In CDS Exon 3 of transcript AGAP012251-PA
JHU_Ag_116610	FIQGLGEGPIVPCTHAMLAK	AGAP012251-PA	C13(Carbamidomethyl)	40	0.001017067	1	2139.110	0.37	Salivary gland	3L:+:39327033-39327092	exon=> In CDS Exon 2 of transcript AGAP012251-PA
JHU_Ag_4292	QGFQCQVCSFVVHK	AGAP012252-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	96	3.97E-09	1	1723.810	3.33	Head	3L:+:39365724-39365742,39365831-39365853	exon=> In CDS Exon 3 and 4 of transcript AGAP012252-PA
JHU_Ag_8580	GEEDVRAHAFFR	AGAP012252-PA	-	36	0.004869082	1	1433.693	0.75	Malpighian tubule	3L:+:39390776-39390811	exon=> In CDS Exon 14 of transcript AGAP012252-PA
JHU_Ag_9290	ATDFNFLMVLGK	AGAP012252-PA	M8(Oxidation)	91	9.54E-09	2	1371.709	7.85	Malpighian tubule	3L:+:39389170-39389205	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_10573	CTACDMNVHK	AGAP012252-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), M6(Oxidation)	46	2.69E-05	2	1251.488	-2.76	Head	3L:+:39368630-39368636,39384820-39384842	exon=> In CDS Exon 5 and 6 of transcript AGAP012252-PA
JHU_Ag_13317	ASLNPVWNETLIFDLKPEDKDR	AGAP012252-PA	-	95	3.56E-09	1	2600.341	1.96	Head	3L:+:39388676-39388713,39388788-39388815	exon=> In CDS Exon 7 and 8 of transcript AGAP012252-PA

JHU_Ag_14488	GTDELYAIK	AGAP012252-PA	-	61	1.16E-05	2	1009.521	0.7	Head	3L:+:39389242-39389268	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_19081	CHEYVTFK	AGAP012252-PA	C1(Carbamidomethyl)	52	6.02E-05	1	1083.489	-3.69	Head	3L:+:39365857-39365880	exon=> In CDS Exon 4 of transcript AGAP012252-PA
JHU_Ag_24102	LIPDADNVK	AGAP012252-PA	-	30	0.008896978	1	984.536	-0.58	Head	3L:+:39388628-39388654	exon=> In CDS Exon 7 of transcript AGAP012252-PA
JHU_Ag_27576	EWTYSSPTFCDHCGSLLYGLIHQGLK	AGAP012252-PA	C10(Carbamidomethyl), C13(Carbamidomethyl)	112	9.09E-11	1	3069.434	3.6	Head	3L:+:39368552-39368629	exon=> In CDS Exon 5 of transcript AGAP012252-PA
JHU_Ag_29506	TFCGTPDYIAPEIILYQPYGK	AGAP012252-PA	C3(Carbamidomethyl)	60	1.64E-05	2	2446.210	4.1	Head	3L:+:39390353-39390388,39390472-39390498	exon=> In CDS Exon 12 and 13 of transcript AGAP012252-PA
JHU_Ag_29665	NPVDGWFK	AGAP012252-PA	-	55	5.34E-05	1	962.472	-0.83	Head	3L:+:39388906-39388929	exon=> In CDS Exon 8 of transcript AGAP012252-PA
JHU_Ag_32832	RLGCGAR	AGAP012252-PA	C4(Carbamidomethyl)	41	0.00188421	2	789.416	1.52	Head	3L:+:39390755-39390775	exon=> In CDS Exon 14 of transcript AGAP012252-PA
JHU_Ag_34212	LLIEVWDWDR	AGAP012252-PA	-	67	3.41E-06	1	1344.700	3.64	Head	3L:+:39388819-39388848	exon=> In CDS Exon 8 of transcript AGAP012252-PA
JHU_Ag_35544	IQLTITYAAGK	AGAP012252-PA	-	47	8.93E-05	1	1178.679	0.86	Head	3L:+:39384903-39384935	exon=> In CDS Exon 6 of transcript AGAP012252-PA
JHU_Ag_35711	DVSNFDR	AGAP012252-PA	-	32	0.00563642	1	852.385	0.84	Head	3L:+:39390968-39390988	exon=> In CDS Exon 15 of transcript AGAP012252-PA
JHU_Ag_36477	DIIIQDDDVECTMVEK	AGAP012252-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), M13(Oxidation)"	103	5.87E-10	2	1922.876	1.95	Head	3L:+:39389281-39389328	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_38152	LNIEVK	AGAP012252-PA	-	44	0.000258676	2	715.433	-2.27	Head	3L:+:39384936-39384948,39388560-39388564	exon=> In CDS Exon 6 and 7 of transcript AGAP012252-PA
JHU_Ag_41247	KGTDELYAIK	AGAP012252-PA	-	63	4.56E-06	1	1137.616	1.05	Head	3L:+:39389239-39389268	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_42562	DVPHNMTK	AGAP012252-PA	-	42	0.000441882	1	941.452	0.78	Head	3L:+:39389131-39389154	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_54270	LLIEVWDWDR	AGAP012252-PA	-	39	0.001928078	2	1344.700	3.83	Visceras	3L:+:39388819-39388848	exon=> In CDS Exon 8 of transcript AGAP012252-PA
JHU_Ag_63879	ASLNPVWNETLIFDLKPEDK	AGAP012252-PA	-	106	2.48E-10	2	2329.224	7.13	Head	3L:+:39388676-39388713,39388788-39388809	exon=> In CDS Exon 7 and 8 of transcript AGAP012252-PA
JHU_Ag_69782	ATDFNFLMVLGK	AGAP012252-PA	M8(Oxidation)	72	8.20E-07	2	1371.699	0.91	Salivary gland	3L:+:39389170-39389205	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_71089	LLIEVWDWDR	AGAP012252-PA	-	42	0.00094302	2	1344.697	1.83	Salivary gland	3L:+:39388819-39388848	exon=> In CDS Exon 8 of transcript AGAP012252-PA
JHU_Ag_72773	ATDFNFLMVLGK	AGAP012252-PA	M8(Oxidation)	87	2.37E-08	2	1355.707	3.11	Head	3L:+:39389170-39389205	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_75888	NLIPMDPNGSSDPYVK	AGAP012252-PA	M5(Oxidation)	54	6.78E-05	1	1746.840	1.77	Head	3L:+:39388574-39388621	exon=> In CDS Exon 7 of transcript AGAP012252-PA
JHU_Ag_88118	LLTQEEGEYYNVPVPEEGADLVQLK	AGAP012252-PA	-	69	1.48E-06	1	2833.420	1.86	Head	3L:+:39388930-39389004	exon=> In CDS Exon 8 of transcript AGAP012252-PA
JHU_Ag_101235	RCEESVPNLCGCDHTER	AGAP012252-PA	C2(Carbamidomethyl), C10(Carbamidomethyl), C12(Carbamidomethyl)	119	4.17E-12	1	2118.866	-4.08	Head	3L:+:39384843-39384893	exon=> In CDS Exon 6 of transcript AGAP012252-PA
JHU_Ag_107963	CEESVPNLCGCDHTER	AGAP012252-PA	C1(Carbamidomethyl), C9(Carbamidomethyl), C11(Carbamidomethyl)	78	2.50E-08	1	1962.773	-0.37	Head	3L:+:39384846-39384893	exon=> In CDS Exon 6 of transcript AGAP012252-PA
JHU_Ag_108311	KDVSNFDR	AGAP012252-PA	-	33	0.00694085	2	980.479	-0.96	Head	3L:+:39390965-39390988	exon=> In CDS Exon 15 of transcript AGAP012252-PA

JHU_Ag_113370	RCHEYVTFK	AGAP012252-PA	C2(Carbamidomethyl)	50	0.000133008	1	1239.594	0.03	Head	3L:+:39365854-39365880	exon=> In CDS Exon 4 of transcript AGAP012252-PA
JHU_Ag_114785	ATDFNFLMVLGK	AGAP012252-PA	M8(Oxidation)	53	6.29E-05	2	1371.695	-2.03	Male reproductive organs	3L:+:39389170-39389205	exon=> In CDS Exon 9 of transcript AGAP012252-PA
JHU_Ag_114934	EVQPPFKPK	AGAP012252-PA	-	35	0.001730565	1	1069.604	0.17	Head	3L:+:39390842-39390868	exon=> In CDS Exon 14 of transcript AGAP012252-PA
JHU_Ag_49533	IADFGMCK	AGAP012252-PA,AGAP000418-PA	M6(Oxidation), C7(Carbamidomethyl)	43	0.000169123	1	957.420	2.95	Head	3L:+:39390299-39390322;X:-:7446720-7446697	exon=> In CDS Exon 12 of transcript AGAP012252-PA;exon=> In CDS Exon 10 of transcript AGAP000418-PA
JHU_Ag_44944	LAEVWMDEYK	AGAP012253-PA	M6(Oxidation)	64	4.14E-06	1	1299.593	0.43	Salivary gland	3L:-:39407194-39407165	exon=> In CDS Exon 3 of transcript AGAP012253-PA
JHU_Ag_50305	SPAHLVK	AGAP012253-PA	-	30	0.003381816	1	751.447	0.68	Male reproductive organs	3L:-:39411345-39411325	exon=> In CDS Exon 1 of transcript AGAP012253-PA
JHU_Ag_71609	EIVLVDDCSTLASLK	AGAP012253-PA	C8(Carbamidomethyl)	67	2.83E-06	2	1662.862	0.32	Salivary gland	3L:-:39411324-39411867,39411059-39411213	exon=> In CDS Exon 2 and 1 of transcript AGAP012253-PA
JHU_Ag_102068	TQLDEYFRPYPK	AGAP012253-PA	-	59	1.92E-05	1	1556.779	3.01	Salivary gland	3L:-:39411212-39411177	exon=> In CDS Exon 2 of transcript AGAP012253-PA
JHU_Ag_103606	VLVESQQILSVAR	AGAP012253-PA	-	83	2.10E-08	2	1441.837	-0.03	Midgut	3L:-:39406774-39406736	exon=> In CDS Exon 3 of transcript AGAP012253-PA
JHU_Ag_77804	TFFER	AGAP012253-PA,AGAP000755-PA	-	30	0.003011093	1	699.348	2.15	Ovary	3L:-:39407395-39407381;X:+:13751524-13751538	exon=> In CDS Exon 3 of transcript AGAP012253-PA;exon=> In CDS Exon 3 of transcript AGAP000755-PA
JHU_Ag_34294	VTTRTSK	AGAP012255-PA	-	31	0.005858627	2	792.446	-13.91	Head	3L:-:39422788-39422768	exon=> In CDS Exon 7 of transcript AGAP012255-PA
JHU_Ag_47256	KLLEIGK	AGAP012255-PA	-	33	0.001973555	2	800.535	13.69	Head	3L:-:39420973-39420953	exon=> In CDS Exon 9 of transcript AGAP012255-PA
JHU_Ag_109462	SGFNQQLAPIAEPAGQQHQTLIIEEFEPDVFR	AGAP012255-PA	-	41	0.000748456	1	3609.813	4.21	Head	3L:-:39425740-39425743,39424278-39424810	exon=> In CDS Exon 3 and 2 of transcript AGAP012255-PA
JHU_Ag_649	YTQNVEGIYK	AGAP012257-PA	-	46	0.000332405	2	1214.606	0.76	Head	3L:+:39501102-39501131	exon=> In CDS Exon 3 of transcript AGAP012257-PA
JHU_Ag_24462	IEEPFLSAVSTTLGDR	AGAP012257-PA	-	122	9.35E-12	2	1734.895	2.1	Head	3L:+:39501054-39501101	exon=> In CDS Exon 3 of transcript AGAP012257-PA
JHU_Ag_63979	EEQATSEELQEHANK	AGAP012257-PA	-	98	1.79E-09	1	1742.787	2.13	Head	3L:+:39500596-39500640	exon=> In CDS Exon 2 of transcript AGAP012257-PA
JHU_Ag_105735	TKEEQATSEELQEHANK	AGAP012257-PA	-	128	1.77E-12	1	1971.924	-0.6	Head	3L:+:39500590-39500640	exon=> In CDS Exon 2 of transcript AGAP012257-PA
JHU_Ag_115949	LSDEPNRAS	AGAP012257-PA	-	31	0.00500017	1	988.463	-6.29	Pupa	3L:+:39501234-39501260	exon=> In CDS Exon 3 of transcript AGAP012257-PA
JHU_Ag_23038	LIGLAFDLSDSR	AGAP012258-PA	-	76	3.07E-07	2	1306.701	0.86	Midgut	3L:+:39510372-39510407	exon=> In CDS Exon 3 of transcript AGAP012258-PA
JHU_Ag_25434	MINPVEALASASGASVPAIR	AGAP012258-PA	M1(Oxidation)	101	7.53E-10	2	1970.039	0.8	Midgut	3L:+:39509284-39509343	exon=> In CDS Exon 1 of transcript AGAP012258-PA
JHU_Ag_28895	FIAGAYESHTQNAPAYATK	AGAP012258-PA	-	73	7.84E-07	1	2039.981	-0.53	Midgut	3L:+:39510540-39510596	exon=> In CDS Exon 3 of transcript AGAP012258-PA
JHU_Ag_49506	VGVFENTSK	AGAP012258-PA	-	36	0.003748452	1	980.505	0.09	Midgut	3L:+:39510939-39510965	exon=> In CDS Exon 4 of transcript AGAP012258-PA
JHU_Ag_63847	FIAGAYESHTQNAPAYATK	AGAP012258-PA	-	121	1.27E-11	1	2039.985	1.45	Head	3L:+:39510540-39510596	exon=> In CDS Exon 3 of transcript AGAP012258-PA
JHU_Ag_64294	LILSVLFAYPIGSVYR	AGAP012258-PA	-	41	0.000239246	2	1811.048	0.97	Midgut	3L:+:39509344-39509365,39510003-39510028	exon=> In CDS Exon 1 and 2 of transcript AGAP012258-PA
JHU_Ag_89500	LQQLLQQQPLLR	AGAP012258-PA	-	89	1.46E-09	2	1477.884	-0.36	Midgut	3L:+:39511276-39511311	exon=> In CDS Exon 5 of transcript AGAP012258-PA

JHU_Ag_114166	LQQLLQQQPLLR	AGAP012258-PA	-	45	4.01E-05	2	1477.888	2.36	Larva	3L:+:39511276-39511311	exon=> In CDS Exon 5 of transcript AGAP012258-PA
JHU_Ag_1201	LPLTESHPTGSCTNPYGK	AGAP012261-PA	C12(Carbamidomethyl)	46	0.000393663	1	1958.927	-0.6	Head	3L:-:39525745-39525692	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_2268	IGEDPNGEPNNLMPYISQVAVGR	AGAP012261-PA	M13(Oxidation)	32	0.010974813	1	2486.197	-0.53	Midgut	3L:-:39525580-39525512	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_3377	VYNLGTGR	AGAP012261-PA	-	50	0.000137438	1	879.469	1.3	Salivary gland	3L:-:39525367-39525344	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_10803	AIDKLAGGTISGFR	AGAP012261-PA	-	87	1.44E-08	1	1405.787	4.92	Salivary gland	3L:-:39525409-39525368	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_11134	IDCVVHFAALK	AGAP012261-PA	C3(Carbamidomethyl)	70	1.51E-06	1	1272.678	1.12	Malpighian tubule	3L:-:39525998-39525966	exon=> In CDS Exon 2 of transcript AGAP012261-PA
JHU_Ag_16242	LAGGTISGFR	AGAP012261-PA	-	50	0.00010055	2	978.534	-3.03	Head	3L:-:39525397-39525368	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_17596	VFGNNYDTPDGTGVR	AGAP012261-PA	-	77	2.43E-07	1	1611.742	1.64	Male reproductive organs	3L:-:39525496-39525452	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_25261	LAGGTISGFR	AGAP012261-PA	-	62	6.61E-06	1	978.536	-1.09	Male reproductive organs	3L:-:39525397-39525368	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_25926	VFGNNYDTPDGTGVR	AGAP012261-PA	-	83	6.91E-08	2	1611.744	2.39	Visceras	3L:-:39525496-39525452	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_26142	WTVVSLR	AGAP012261-PA	-	48	0.00018008	2	860.500	1.83	Salivary gland	3L:-:39525637-39525617	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_30083	LPLTESHPTGSCTNPYGK	AGAP012261-PA	C12(Carbamidomethyl)	34	0.005721041	1	1958.933	2.86	Midgut	3L:-:39525745-39525692	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_31283	GYSVLEVVK	AGAP012261-PA	-	40	0.000717041	2	993.563	1.73	Male reproductive organs	3L:-:39525343-39525317	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_31789	DYIHIVDLAEGHVK	AGAP012261-PA	-	114	5.26E-11	1	1608.835	-2.14	Head	3L:-:39525451-39525410	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_32514	HKIDCVVHFAALK	AGAP012261-PA	C5(Carbamidomethyl)	48	0.000118709	1	1537.829	-0.88	Salivary gland	3L:-:39526004-39525966	exon=> In CDS Exon 2 of transcript AGAP012261-PA
JHU_Ag_33660	DYIHIVDLAEGHVK	AGAP012261-PA	-	121	9.05E-12	1	1608.844	3.93	Midgut	3L:-:39525451-39525410	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_38706	IVYSSSATVYGEPQK	AGAP012261-PA	Q14(Deamidated)	80	1.54E-07	2	1628.818	0.62	Salivary gland	3L:-:39525790-39525746	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_40771	DYIHIVDLAEGHVK	AGAP012261-PA	-	100	1.44E-09	1	1608.840	1	Salivary gland	3L:-:39525451-39525410	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_41633	DLCESDPR	AGAP012261-PA	C3(Carbamidomethyl)	29	0.002993409	2	991.417	1.89	Midgut	3L:-:39525661-39525638	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_44727	GYSVLEVVK	AGAP012261-PA	-	54	3.09E-05	2	993.561	-0.17	Visceras	3L:-:39525343-39525317	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_49073	LPLTESHPTGSCTNPYGK	AGAP012261-PA	C12(Carbamidomethyl)	49	0.000221512	1	1958.927	-0.13	Salivary gland	3L:-:39525745-39525692	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_49215	LAGGTISGFR	AGAP012261-PA	-	87	2.40E-08	2	978.538	1.03	Salivary gland	3L:-:39525397-39525368	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_53037	IVYSSSATVYGEPQKLPLTESHPTGSCTNPYGK	AGAP012261-PA	C27(Carbamidomethyl)	92	7.94E-09	1	3568.730	1.07	Salivary gland	3L:-:39525790-39525692	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_56328	AGDVAASYADVSLAAQELGWTAK	AGAP012261-PA	-	64	5.55E-06	2	2294.142	5.17	Salivary gland	3L:-:39525098-39525030	exon=> In CDS Exon 4 of transcript AGAP012261-PA
JHU_Ag_68397	IVYSSSATVYGEPQK	AGAP012261-PA	-	88	2.35E-08	2	1628.816	-0.58	Midgut	3L:-:39525790-39525746	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_72658	GYSVLEVVK	AGAP012261-PA	-	35	0.002498541	2	993.561	-0.91	Midgut	3L:-:39525343-39525317	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_73182	AGDVAASYADVSLAAQELGWTAKR	AGAP012261-PA	-	62	8.77E-06	1	2450.240	3.72	Malpighian tubule	3L:-:39525098-39525027	exon=> In CDS Exon 4 of transcript AGAP012261-PA
JHU_Ag_75515	VFGNNYDTPDGTGVR	AGAP012261-PA	-	74	5.37E-07	2	1611.745	3	Malpighian tubule	3L:-:39525496-39525452	exon=> In CDS Exon 3 of transcript AGAP012261-PA

JHU_Ag_83389	GYSVLEVVK	AGAP012261-PA	-	48	0.000116827	2	993.563	1.67	Malpighian tubule	3L:-:39525343-39525317	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_85307	GLEEMCEDTWNWQK	AGAP012261-PA	M5(Oxidation), C6(Carbamidomethyl)	62	1.44E-06	2	1841.752	2.85	Salivary gland	3L:-:39525026-39524985	exon=> In CDS Exon 4 of transcript AGAP012261-PA
JHU_Ag_89894	HKIDCVVHFAALK	AGAP012261-PA	C5(Carbamidomethyl)	40	0.000844277	1	1537.829	-1.12	Malpighian tubule	3L:-:39526004-39525966	exon=> In CDS Exon 2 of transcript AGAP012261-PA
JHU_Ag_91943	IGEDPNGEPNNLMPYISQVAVGRR	AGAP012261-PA	M13(Oxidation)	70	1.24E-06	1	2642.308	3.25	Malpighian tubule	3L:-:39525580-39525509	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_92962	VQEITGASVTFYDVDIR	AGAP012261-PA	-	79	1.67E-07	2	1912.973	3.88	Salivary gland	3L:-:39526172-39526122	exon=> In CDS Exon 1 of transcript AGAP012261-PA
JHU_Ag_96054	WTVVSLR	AGAP012261-PA	-	53	5.01E-05	2	860.499	0.55	Visceras	3L:-:39525637-39525617	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_97526	IDCVVHFAALK	AGAP012261-PA	C3(Carbamidomethyl)	47	0.000274275	1	1272.680	2.19	Salivary gland	3L:-:39525998-39525966	exon=> In CDS Exon 2 of transcript AGAP012261-PA
JHU_Ag_101815	VFGNNYDTPDGTGVRDYIHIVDLAEGHVK	AGAP012261-PA	-	83	6.62E-08	1	3201.577	5.2	Malpighian tubule	3L:-:39525496-39525410	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_105309	GLEEMCEDTWNWQK	AGAP012261-PA	C6(Carbamidomethyl)	68	7.38E-07	1	1825.757	2.96	Malpighian tubule	3L:-:39525026-39524985	exon=> In CDS Exon 4 of transcript AGAP012261-PA
JHU_Ag_105841	VFGNNYDTPDGTGVR	AGAP012261-PA	-	88	2.27E-08	1	1611.741	0.73	Salivary gland	3L:-:39525496-39525452	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_107771	LPLTESHPTGSCTNPYGK	AGAP012261-PA	C12(Carbamidomethyl)	45	0.000456905	1	1958.932	2.4	Malpighian tubule	3L:-:39525745-39525692	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_109890	GYSVLEVVK	AGAP012261-PA	-	68	1.08E-06	2	993.563	1.79	Salivary gland	3L:-:39525343-39525317	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_115724	AIDKLAGGTISGFR	AGAP012261-PA	-	92	4.73E-09	1	1405.785	3.36	Malpighian tubule	3L:-:39525409-39525368	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_117618	VFGNNYDTPDGTGVR	AGAP012261-PA	-	63	6.37E-06	2	1611.743	1.71	Head	3L:-:39525496-39525452	exon=> In CDS Exon 3 of transcript AGAP012261-PA
JHU_Ag_33360	LPESLR	AGAP012261-PA,AGAP009526-PA	-	32	0.003279002	1	714.415	0.48	Visceras	3L:-:39526193-39526176;3R:-:35305256-35305239	exon=> In CDS Exon 1 of transcript AGAP012261-PA;exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_63218	LPESLR	AGAP012261-PA,AGAP009526-PA	-	32	0.003241468	1	714.415	0.31	Salivary gland	3L:-:39526193-39526176;3R:-:35305256-35305239	exon=> In CDS Exon 1 of transcript AGAP012261-PA;exon=> In CDS Exon 1 of transcript AGAP009526-PA
JHU_Ag_53547	VYGIK	AGAP012263-PA,AGAP003784-PA	-	26	0.005407974	1	579.350	0.01	Head	3L:-:39529879-39529865;2R:-:43274979-43274965	exon=> In CDS Exon 4 of transcript AGAP012263-PA;exon=> In CDS Exon 3 of transcript AGAP003784-PA
JHU_Ag_52348	FIDTTATNPQFR	AGAP012264-PA	-	48	0.000208991	2	1410.709	5.16	Salivary gland	3L:-:39539772-39539737	exon=> In CDS Exon 4 of transcript AGAP012264-PA
JHU_Ag_4759	TQIMKIFK	AGAP012273-PA	Q2(Deamidated), M4(Oxidation)	34	0.002448359	2	1025.578	7.58	Pupa	3L:-:39662078-39662055	exon=> In CDS Exon 13 of transcript AGAP012273-PA
JHU_Ag_9548	LPQSALQPGITIAQVGK	AGAP012273-PA	-	29	0.002382528	2	1720.999	1.9	Ovary	3L:-:39665411-39665361	exon=> In CDS Exon 6 of transcript AGAP012273-PA
JHU_Ag_38165	LQTNLVNIQPLIVSNSR	AGAP012273-PA	-	36	0.000650498	2	1909.090	1.59	Ovary	3L:-:39665462-39665412	exon=> In CDS Exon 6 of transcript AGAP012273-PA
JHU_Ag_39688	TQIMKIFK	AGAP012273-PA	Q2(Deamidated), M4(Oxidation)	30	0.004337517	2	1025.580	9.84	Larva	3L:-:39662078-39662055	exon=> In CDS Exon 13 of transcript AGAP012273-PA
JHU_Ag_27737	SPEEVIGAFVK	AGAP012275-PA	-	64	7.01E-06	1	1175.630	-0.79	Male reproductive organs	3L:-:39682768-39682736	exon=> In CDS Exon 4 of transcript AGAP012275-PA
JHU_Ag_28994	IITEPVEVLDADGNVEK	AGAP012275-PA	-	66	3.27E-06	2	1840.957	1.57	Male reproductive organs	3L:-:39682735-39682685	exon=> In CDS Exon 4 of transcript AGAP012275-PA
JHU_Ag_103533	LIIPGVWTPTNR	AGAP012275-PA	-	62	2.10E-06	1	1366.783	-0.88	Male reproductive organs	3L:-:39682507-39682472	exon=> In CDS Exon 4 of transcript AGAP012275-PA

JHU_Ag_109723	LADDVFEQIYYK	AGAP012275-PA	-	78	2.78E-07	1	1503.737	0.48	Male reproductive organs	3L:-:39682849-39682814	exon=> In CDS Exon 4 of transcript AGAP012275-PA
JHU_Ag_110084	LIQNIYR	AGAP012279-PA	-	35	0.002801697	2	919.524	-12.95	Pupa	3L:-:39725159-39725139	exon=> In CDS Exon 2 of transcript AGAP012279-PA
JHU_Ag_997	AQFAQCPPSNEQMQK	AGAP012281-PA	C6(Carbamidomethyl), M13(Oxidation)	48	0.000128871	2	1779.774	-2.66	Midgut	3L:+:39764919-39764963	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_3175	LLHDVLKDSNSELASK	AGAP012281-PA	-	33	0.004859596	1	1768.946	1.23	Ovary	3L:+:39764973-39765020	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_3999	EFVNSQGLNHEQNIKK	AGAP012281-PA	-	70	1.60E-06	1	1884.955	-0.67	Ovary	3L:+:39765252-39765270,39765345-39765373	exon=> In CDS Exon 3 and 4 of transcript AGAP012281-PA
JHU_Ag_4106	IIGVCDVCFK	AGAP012281-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	49	0.000165796	2	1210.596	0.45	Pupa	3L:+:39764524-39764553	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_4810	EFVNSQGLNHEQNIK	AGAP012281-PA	-	91	1.18E-08	1	1756.864	1.4	Head	3L:+:39765252-39765270,39765345-39765370	exon=> In CDS Exon 3 and 4 of transcript AGAP012281-PA
JHU_Ag_6220	IIGVCDVCFK	AGAP012281-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	60	1.39E-05	1	1210.596	-0.36	Ovary	3L:+:39764524-39764553	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_7821	VCLQSLWR	AGAP012281-PA	C2(Carbamidomethyl)	51	0.000146125	2	1061.556	0.32	Pupa	3L:+:39764701-39764714,39764789-39764798	exon=> In CDS Exon 2 and 3 of transcript AGAP012281-PA
JHU_Ag_9633	AKETSLAR	AGAP012281-PA	-	37	0.001745246	2	875.497	2.3	Malpighian tubule	3L:+:39764677-39764700	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_10156	GLGAEISEEK	AGAP012281-PA	-	66	4.01E-06	2	1032.519	-1.34	Pupa	3L:+:39764461-39764490	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_10473	GENLILSFCDK	AGAP012281-PA	C9(Carbamidomethyl)	88	2.10E-08	2	1295.632	1.87	Salivary gland	3L:+:39764635-39764667	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_11796	GLGAEISEEK	AGAP012281-PA	-	45	0.000503496	2	1032.520	-1.22	Malpighian tubule	3L:+:39764461-39764490	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_11967	YHVYYHLVQVAK	AGAP012281-PA	-	86	3.37E-08	1	1519.810	2.79	Malpighian tubule	3L:+:39764835-39764870	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_13329	IIGVCDVCFK	AGAP012281-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	38	0.001980252	2	1210.600	3.68	Larva	3L:+:39764524-39764553	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_13892	DSNSELASK	AGAP012281-PA	-	49	0.000175756	2	950.444	1.46	Male reproductive organs	3L:+:39764994-39765020	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_15495	DLLLSWK	AGAP012281-PA	-	39	0.001969554	1	874.504	0.67	Pupa	3L:+:39765599-39765619	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_16170	TFGRPQWQQLR	AGAP012281-PA	-	47	0.000338047	1	1416.750	0.1	Pupa	3L:+:39765566-39765598	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_16719	VCLQSLWR	AGAP012281-PA	C2(Carbamidomethyl)	52	0.000116842	1	1061.554	-1.52	Malpighian tubule	3L:+:39764701-39764714,39764789-39764798	exon=> In CDS Exon 2 and 3 of transcript AGAP012281-PA
JHU_Ag_17591	IIGVCDVCFK	AGAP012281-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	52	8.06E-05	1	1210.596	0.15	Salivary gland	3L:+:39764524-39764553	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_19094	LLHDVLK	AGAP012281-PA	-	50	1.35E-05	1	837.519	-0.25	Ovary	3L:+:39764973-39764993	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_22545	EVFTGVEQLK	AGAP012281-PA	-	47	0.000253146	2	1149.614	-1.3	Pupa	3L:+:39764889-39764918	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_22593	VMIELLGTYTAENASYAR	AGAP012281-PA	-	56	3.74E-05	1	2002.005	5.1	Salivary gland	3L:+:39765021-39765074	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_22937	FLEGELIHDLLSVFVSEK	AGAP012281-PA	-	103	3.84E-10	1	2075.106	-0.08	Ovary	3L:+:39765162-39765215	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_23880	GIEDDLHK	AGAP012281-PA	-	55	3.05E-05	1	926.458	0.37	Ovary	3L:+:39764500-39764523	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_24817	LPSYLEFYK	AGAP012281-PA	-	60	1.83E-05	1	1159.604	0.66	Ovary	3L:+:39765216-39765242	exon=> In CDS Exon 3 of transcript AGAP012281-PA

JHU_Ag_26305	YHVYYHLVQVAK	AGAP012281-PA	-	86	3.39E-08	1	1519.808	1.67	Head	3L:+:39764835-39764870	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_26340	DNTHSPEEIDAVLNSIVSIIVSIPLER	AGAP012281-PA	-	52	3.76E-05	1	2960.555	-1.01	Ovary	3L:+:39764554-39764634	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_27693	DNTHSPEEIDAVLNSIVSIIVSIPLER	AGAP012281-PA	-	43	0.000324 25	1	2960.554	-1.07	Midgut	3L:+:39764554-39764634	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_28128	LLHDVLKDSNSELASK	AGAP012281-PA	-	53	5.03E-05	1	1768.942	-1.05	Male reproductive organs	3L:+:39764973-39765020	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_28157	LLHDVLKDSNSELASK	AGAP012281-PA	-	66	2.81E-06	1	1768.944	-0.01	Pupa	3L:+:39764973-39765020	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_30032	EVFTGVEQLK	AGAP012281-PA	-	54	4.98E-05	1	1149.613	-1.45	Male reproductive organs	3L:+:39764889-39764918	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_30135	FLEGELIHDLLSVFVSEK	AGAP012281-PA	-	67	1.46E-06	1	2075.115	4.51	Larva	3L:+:39765162-39765215	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_30530	GENLILSFCDK	AGAP012281-PA	C9(Carbamidomethyl)	55	3.97E-05	2	1295.636	4.22	Larva	3L:+:39764635-39764667	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_34630	LFSNLEVTSPLR	AGAP012281-PA	-	83	3.91E-08	1	1375.761	2.43	Pupa	3L:+:39764799-39764834	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_36119	FLEGELIHDLLSVFVSEK	AGAP012281-PA	-	119	1.03E-11	1	2075.105	-0.72	Midgut	3L:+:39765162-39765215	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_39000	GLGAEISEEK	AGAP012281-PA	-	61	1.26E-05	2	1032.519	-2.05	Ovary	3L:+:39764461-39764490	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_45136	EVFTGVEQLK	AGAP012281-PA	-	45	0.000396 887	2	1149.616	0.5	Ovary	3L:+:39764889-39764918	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_48208	EEEVEPFIIEVLK	AGAP012281-PA	-	69	1.65E-06	1	1573.841	3.06	Head	3L:+:39765458-39765496	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_49432	SNLTLVQENINTVSAAQMELAQR	AGAP012281-PA	M18(Oxidation)	140	1.31E-13	1	2546.290	0.81	Ovary	3L:+:39765620-39765688	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_50453	LPSYLEFYK	AGAP012281-PA	-	53	7.63E-05	2	1159.603	-0.5	Pupa	3L:+:39765216-39765242	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_50992	GENLILSFCDK	AGAP012281-PA	C9(Carbamidomethyl)	50	0.000139 899	2	1295.629	-0.87	Midgut	3L:+:39764635-39764667	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_53835	LFSNLEVTSPLR	AGAP012281-PA	-	97	1.69E-09	1	1375.759	0.84	Male reproductive organs	3L:+:39764799-39764834	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_54226	LFSNLEVTSPLR	AGAP012281-PA	-	86	2.26E-08	1	1375.757	-0.94	Ovary	3L:+:39764799-39764834	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_55221	CIVTALADPNTFLLDPLLSLKPVR	AGAP012281-PA	C1(Carbamidomethyl)	27	0.002211 555	1	2666.504	3.38	Salivary gland	3L:+:39765090-39765161	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_63858	VCLQSLWR	AGAP012281-PA	C2(Carbamidomethyl)	43	0.000861 515	1	1061.551	-5.2	Male reproductive organs	3L:+:39764701-39764714,39764789-39764798	exon=> In CDS Exon 2 and 3 of transcript AGAP012281-PA
JHU_Ag_64263	AQFAQCPPSNEQMQK	AGAP012281-PA	C6(Carbamidomethyl), M13(Oxidation)	50	7.47E-05	1	1779.784	2.82	Male reproductive organs	3L:+:39764919-39764963	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_64964	TFGRPQWQQLR	AGAP012281-PA	-	49	0.000200 568	1	1416.749	-0.17	Male reproductive organs	3L:+:39765566-39765598	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_67080	MQGPAVFIDAEIDDQAQELR	AGAP012281-PA	N-Term(Acetyl), M1(Oxidation)	103	8.25E-10	2	2304.085	1.47	Ovary	3L:+:39764272-39764316,39764434-39764448	exon=> In CDS Exon 1 and 2 of transcript AGAP012281-PA
JHU_Ag_67870	LLHDVLK	AGAP012281-PA	-	43	6.65E-05	1	837.518	-0.98	Midgut	3L:+:39764973-39764993	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_67979	YHVYYHLVQVAK	AGAP012281-PA	-	65	4.31E-06	1	1519.815	6.16	Midgut	3L:+:39764835-39764870	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_68996	LFSNLEVTSPLR	AGAP012281-PA	-	61	5.86E-06	2	1375.759	0.75	Midgut	3L:+:39764799-39764834	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_71019	EVFTGVEQLK	AGAP012281-PA	-	42	0.000598 833	2	1149.625	8.36	Larva	3L:+:39764889-39764918	exon=> In CDS Exon 3 of transcript AGAP012281-PA

JHU_Ag_71049	GIEDDLHK	AGAP012281-PA	-	55	3.10E-05	1	926.458	0.44	Pupa	3L:+:39764500-39764523	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_71392	VCLQSLWR	AGAP012281-PA	C2(Carbamidomethyl)	58	2.89E-05	1	1061.556	-0.03	Ovary	3L:+:39764701-39764714,39764789-39764798	exon=> In CDS Exon 2 and 3 of transcript AGAP012281-PA
JHU_Ag_75447	VCLQSLWR	AGAP012281-PA	C2(Carbamidomethyl)	53	7.17E-05	1	1061.557	0.66	Midgut	3L:+:39764701-39764714,39764789-39764798	exon=> In CDS Exon 2 and 3 of transcript AGAP012281-PA
JHU_Ag_77511	EFVNSQGLNHEQNIK	AGAP012281-PA	-	62	8.53E-06	1	1756.860	-0.69	Ovary	3L:+:39765252-39765270,39765345-39765370	exon=> In CDS Exon 3 and 4 of transcript AGAP012281-PA
JHU_Ag_77705	LLHDVLK	AGAP012281-PA	-	38	0.000230743	2	837.519	-0.91	Pupa	3L:+:39764973-39764993	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_80348	CIVTALADPNTFLLDPLLSLKPVR	AGAP012281-PA	C1(Carbamidomethyl)	80	1.83E-08	1	2666.489	-2.41	Ovary	3L:+:39765090-39765161	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_81350	EVFTGVEQLK	AGAP012281-PA	-	41	0.000848054	1	1149.621	5.24	Salivary gland	3L:+:39764889-39764918	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_85040	LPSYLEFYK	AGAP012281-PA	-	56	4.79E-05	1	1159.605	1.5	Salivary gland	3L:+:39765216-39765242	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_85194	KVHISSTMHR	AGAP012281-PA	M8(Oxidation)	51	7.63E-05	1	1211.631	-0.1	Salivary gland	3L:+:39765536-39765565	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_88513	GLGAEISEEK	AGAP012281-PA	-	64	6.48E-06	2	1032.522	1.38	Salivary gland	3L:+:39764461-39764490	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_88534	GENLILSFCDK	AGAP012281-PA	C9(Carbamidomethyl)	61	1.28E-05	2	1295.630	-0.02	Ovary	3L:+:39764635-39764667	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_89625	LPSYLEFYK	AGAP012281-PA	-	37	0.003413995	2	1159.607	3.39	Larva	3L:+:39765216-39765242	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_90268	LFSNLEVTSPLR	AGAP012281-PA	-	89	9.56E-09	1	1375.760	1.28	Malpighian tubule	3L:+:39764799-39764834	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_90622	VCLQSLWR	AGAP012281-PA	C2(Carbamidomethyl)	40	0.001576979	1	1061.558	1.7	Larva	3L:+:39764701-39764714,39764789-39764798	exon=> In CDS Exon 2 and 3 of transcript AGAP012281-PA
JHU_Ag_91989	GENLILSFCDK	AGAP012281-PA	C9(Carbamidomethyl)	71	1.05E-06	1	1295.631	0.92	Male reproductive organs	3L:+:39764635-39764667	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_92562	YHVYYHLVQVAK	AGAP012281-PA	-	96	2.75E-09	1	1519.813	4.72	Ovary	3L:+:39764835-39764870	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_94044	LFSNLEVTSPLR	AGAP012281-PA	-	79	1.13E-07	2	1375.760	1.55	Salivary gland	3L:+:39764799-39764834	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_95911	GIEDDLHK	AGAP012281-PA	-	51	7.53E-05	1	926.458	0.31	Head	3L:+:39764500-39764523	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_96449	SNLTLVQENINTVSAAQMELAQR	AGAP012281-PA	-	140	1.14E-13	1	2530.292	-0.3	Salivary gland	3L:+:39765620-39765688	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_98668	YHVYYHLVQVAK	AGAP012281-PA	-	84	5.22E-08	1	1519.809	2.39	Salivary gland	3L:+:39764835-39764870	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_99174	EFVNSQGLNHEQNIK	AGAP012281-PA	-	101	9.58E-10	1	1756.865	2.17	Larva	3L:+:39765252-39765270,39765345-39765370	exon=> In CDS Exon 3 and 4 of transcript AGAP012281-PA
JHU_Ag_99200	GLGAEISEEKSTK	AGAP012281-PA	-	60	1.86E-05	2	1348.697	0.79	Malpighian tubule	3L:+:39764461-39764499	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_99229	LPSYLEFYK	AGAP012281-PA	-	40	0.00198151	1	1159.606	2.45	Malpighian tubule	3L:+:39765216-39765242	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_100418	FLEGELIHDLLSVFVSEK	AGAP012281-PA	-	41	0.00065257	1	2075.107	0.54	Pupa	3L:+:39765162-39765215	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_101396	LPSYLEFYK	AGAP012281-PA	-	63	9.62E-06	2	1159.604	0.87	Midgut	3L:+:39765216-39765242	exon=> In CDS Exon 3 of transcript AGAP012281-PA

JHU_Ag_103084	LLHDVLKDSNSELASK	AGAP012281-PA	-	70	1.07E-06	1	1768.943	-0.42	Midgut	3L:+:39764973-39765020	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_104967	LLHDVLKDSNSELASK	AGAP012281-PA	-	56	2.68E-05	1	1768.948	2.05	Malpighian tubule	3L:+:39764973-39765020	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_106240	LPSYLEFYK	AGAP012281-PA	-	63	9.35E-06	2	1159.603	-0.08	Male reproductive organs	3L:+:39765216-39765242	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_107770	EVFTGVEQLK	AGAP012281-PA	-	52	8.84E-05	2	1149.617	1.46	Malpighian tubule	3L:+:39764889-39764918	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_109144	IIGVCDVCFK	AGAP012281-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	67	3.07E-06	1	1210.597	0.65	Malpighian tubule	3L:+:39764524-39764553	exon=> In CDS Exon 2 of transcript AGAP012281-PA
JHU_Ag_109466	KVHISSTMHR	AGAP012281-PA	M8(Oxidation)	46	0.000246056	1	1211.631	-0.47	Male reproductive organs	3L:+:39765536-39765565	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_116581	EVFTGVEQLK	AGAP012281-PA	-	58	1.93E-05	1	1149.616	0.57	Midgut	3L:+:39764889-39764918	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_116604	LLSFMQLAESNSEMTFQQLQDELQIKEEEVEPFIIEVLK	AGAP012281-PA	M5(Oxidation), M14(Oxidation)	205	1.87E-20	1	4658.312	-0.52	Ovary	3L:+:39765380-39765496	exon=> In CDS Exon 4 of transcript AGAP012281-PA
JHU_Ag_117434	VMIELLGTYTAENASYAR	AGAP012281-PA	M2(Oxidation)	57	3.71E-05	2	2017.998	4.01	Larva	3L:+:39765021-39765074	exon=> In CDS Exon 3 of transcript AGAP012281-PA
JHU_Ag_1369	YSAFDDATGLPTHDLEGK	AGAP012283-PA	-	94	6.38E-09	1	1936.907	7.68	Midgut	3L:-:39776245-39776192	exon=> In CDS Exon 2 of transcript AGAP012283-PA
JHU_Ag_9743	SAGFNALLLR	AGAP012283-PA	-	83	2.63E-08	2	1061.614	3.58	Malpighian tubule	3L:-:39776828-39776799	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_12202	QLQEGEGDLSIGADR	AGAP012283-PA	-	107	2.83E-10	1	1587.763	1.03	Salivary gland	3L:-:39777548-39777504	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_16378	FLNEFFLNVK	AGAP012283-PA	-	60	1.13E-05	1	1270.690	5.72	Ovary	3L:-:39777062-39777033	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_18409	VSEYVPQIVTYIEK	AGAP012283-PA	-	43	0.000489521	1	1667.898	5.18	Head	3L:-:39777713-39777672	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_22151	DTLDYSDNTMEMAVQYER	AGAP012283-PA	M10(Oxidation), M12(Oxidation)	62	1.58E-06	2	2212.901	0.08	Salivary gland	3L:-:39777116-39777063	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_23794	FLNEFFLNVK	AGAP012283-PA	-	64	4.84E-06	1	1270.682	-0.91	Malpighian tubule	3L:-:39777062-39777033	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_24821	AGEPWWDSPWGR	AGAP012283-PA	-	35	0.002621966	1	1443.642	-1.36	Midgut	3L:-:39777452-39777417	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_26788	IQQAQDQFLQDSKDPLADLLDSK	AGAP012283-PA	-	120	1.30E-11	1	2616.327	4.48	Ovary	3L:-:39777899-39777831	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_27759	FLNEFFLNVK	AGAP012283-PA	-	86	3.02E-08	1	1270.685	1.11	Salivary gland	3L:-:39777062-39777033	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_35407	AAIHEALCDNVDTR	AGAP012283-PA	C8(Carbamidomethyl)	77	2.58E-07	1	1584.739	-3.14	Salivary gland	3L:-:39776933-39776892	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_37280	VAAYCTDLLHIFGAISGPR	AGAP012283-PA	C5(Carbamidomethyl)	48	0.00020011	1	2061.058	-0.24	Ovary	3L:-:39776795-39776739	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_38476	IQQAQDQFLQDSKDPLADLLDSK	AGAP012283-PA	-	101	8.98E-10	1	2616.324	3.36	Visceras	3L:-:39777899-39777831	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_38828	IQQAQDQFLQDSKDPLADLLDSK	AGAP012283-PA	-	81	9.00E-08	1	2616.326	3.99	Head	3L:-:39777899-39777831	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_40049	SAGFNALLLR	AGAP012283-PA	-	55	1.97E-05	2	1061.612	1.51	Pupa	3L:-:39776828-39776799	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_41127	SAGFNALLLR	AGAP012283-PA	-	83	2.73E-08	2	1061.613	2.43	Salivary gland	3L:-:39776828-39776799	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_42309	SETDKYSAFDDATGLPTHDLEGK	AGAP012283-PA	-	103	6.40E-10	1	2497.145	3.33	Salivary gland	3L:-:39776260-39776192	exon=> In CDS Exon 2 of transcript AGAP012283-PA
JHU_Ag_48494	LTAAVDNLSLAVK	AGAP012283-PA	-	49	7.45E-05	2	1314.765	1.34	Male reproductive organs	3L:-:39777956-39777918	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_48553	LAFLLHSWK	AGAP012283-PA	-	48	0.000191172	1	1114.642	0.74	Salivary gland	3L:-:39777143-39777117	exon=> In CDS Exon 1 of transcript AGAP012283-PA

JHU_Ag_48880	NFVTIQQVLEK	AGAP012283-PA	-	73	4.63E-07	1	1318.738	1.33	Malpighian tubule	3L:-:39777197-39777165	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_50401	FLNEFFLNVK	AGAP012283-PA	-	50	0.000102666	2	1270.684	0.91	Viscera	3L:-:39777062-39777033	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_50834	AGEPWWDSPWGR	AGAP012283-PA	-	38	0.001304726	1	1443.647	1.85	Ovary	3L:-:39777452-39777417	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_51628	QGSSVTENAIFETLPR	AGAP012283-PA	-	42	0.000933857	2	1748.890	5	Malpighian tubule	3L:-:39777830-39777783	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_53466	NFVTIQQVLEK	AGAP012283-PA	-	68	1.26E-06	1	1318.737	0.58	Salivary gland	3L:-:39777197-39777165	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_54850	FLNEFFLNVK	AGAP012283-PA	-	34	0.004329051	2	1270.687	3.22	Pupa	3L:-:39777062-39777033	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_58264	RVQPTWQAPEEKPAPK	AGAP012283-PA	-	55	3.21E-05	3	1861.997	2.74	Malpighian tubule	3L:-:39778400-39778353	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_58799	AGEPWWDSPWGR	AGAP012283-PA	-	58	1.56E-05	1	1443.646	1.51	Salivary gland	3L:-:39777452-39777417	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_58827	GLVSACNVYIK	AGAP012283-PA	C6(Carbamidomethyl)	34	0.004124853	2	1223.648	1.99	Head	3L:-:39776870-39776838	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_58914	NFVTIQQVLEK	AGAP012283-PA	-	60	8.89E-06	2	1318.738	1.14	Ovary	3L:-:39777197-39777165	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_59574	QGSSVTENAIFETLPR	AGAP012283-PA	-	75	5.27E-07	2	1748.882	0.54	Salivary gland	3L:-:39777830-39777783	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_59681	SYISFDILR	AGAP012283-PA	-	58	1.47E-05	2	1113.594	-0.33	Salivary gland	3L:-:39778229-39778203	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_60031	QGSSVTENAIFETLPR	AGAP012283-PA	-	88	2.75E-08	2	1748.886	2.42	Ovary	3L:-:39777830-39777783	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_66061	SAGFNALLLR	AGAP012283-PA	-	51	4.79E-05	2	1061.610	0.01	Midgut	3L:-:39776828-39776799	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_68971	SAGFNALLLRR	AGAP012283-PA	-	35	0.001294339	1	1217.715	3.25	Malpighian tubule	3L:-:39776828-39776796	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_69494	DTLDYSDNTMEMAVQYER	AGAP012283-PA	M10(Oxidation), M12(Oxidation)	106	7.90E-11	1	2212.906	2.07	Head	3L:-:39777116-39777063	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_73484	VQPTWQAPEEKPAPK	AGAP012283-PA	-	60	1.49E-05	1	1705.891	-0.12	Salivary gland	3L:-:39778397-39778353	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_73575	DAFDRWRPVEAELER	AGAP012283-PA	-	71	1.45E-06	1	1888.938	4.04	Malpighian tubule	3L:-:39776996-39776952	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_75276	FLNEFFLNVK	AGAP012283-PA	-	83	4.95E-08	1	1270.684	0.82	Midgut	3L:-:39777062-39777033	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_76701	IQQAQDQFLQDSKDPLADLLDSK	AGAP012283-PA	-	137	2.89E-13	1	2616.317	0.7	Salivary gland	3L:-:39777899-39777831	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_77651	SANDFALWK	AGAP012283-PA	-	45	0.000428965	2	1051.526	5.02	Malpighian tubule	3L:-:39777488-39777462	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_79626	SAGFNALLLR	AGAP012283-PA	-	83	3.16E-08	2	1061.610	-0.56	Male reproductive organs	3L:-:39776828-39776799	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_79732	LYLYNSLTR	AGAP012283-PA	-	40	0.001078936	1	1142.622	1.35	Salivary gland	3L:-:39778352-39778326	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_79737	KINPLDMFR	AGAP012283-PA	-	52	7.20E-05	1	1133.612	-1.14	Ovary	3L:-:39776287-39776261	exon=> In CDS Exon 2 of transcript AGAP012283-PA
JHU_Ag_81383	GLVSACNVYIK	AGAP012283-PA	C6(Carbamidomethyl)	64	3.91E-06	2	1223.647	1.19	Salivary gland	3L:-:39776870-39776838	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_83936	DMAALNVLQPDVLTR	AGAP012283-PA	M2(Oxidation)	91	1.00E-08	2	1671.878	2.66	Head	3L:-:39777758-39777714	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_85394	FLNEFFLNVKDLTR	AGAP012283-PA	-	72	6.08E-07	1	1755.948	3.06	Malpighian tubule	3L:-:39777062-39777021	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_86205	LTAAVDNLSLAVK	AGAP012283-PA	-	50	5.32E-05	2	1314.768	3.66	Ovary	3L:-:39777956-39777918	exon=> In CDS Exon 1 of transcript AGAP012283-PA

JHU_Ag_88385	VSEYVPQIVTYIEK	AGAP012283-PA	-	55	3.58E-05	1	1667.891	1.38	Salivary gland	3L:-:39777713-39777672	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_88603	ATEILQLCDQLRDDVLPGLGVR	AGAP012283-PA	C8(Carbamidomethyl)	55	2.44E-05	1	2481.317	1.68	Salivary gland	3L:-:39776518-39776453	exon=> In CDS Exon 2 of transcript AGAP012283-PA
JHU_Ag_98837	SANDFALWK	AGAP012283-PA	-	47	0.000327209	2	1051.520	-0.79	Salivary gland	3L:-:39777488-39777462	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_101068	SAGFNALLLR	AGAP012283-PA	-	68	7.63E-07	2	1061.615	4.38	Ovary	3L:-:39776828-39776799	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_101232	WRPVEAELER	AGAP012283-PA	-	42	0.000662867	2	1284.674	3.25	Salivary gland	3L:-:39776981-39776952	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_108911	ATEILQLCDQLRDDVLPGLGVR	AGAP012283-PA	C8(Carbamidomethyl)	30	0.004931776	1	2481.340	10.69	Malpighian tubule	3L:-:39776518-39776453	exon=> In CDS Exon 2 of transcript AGAP012283-PA
JHU_Ag_110965	IQQAQDQFLQDSKDPLADLLDSK	AGAP012283-PA	-	65	3.66E-06	1	2616.324	3.29	Pupa	3L:-:39777899-39777831	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_113925	VAAYCTDLLHIFGAISGPR	AGAP012283-PA	C5(Carbamidomethyl)	33	0.00559174	1	2061.069	5.09	Visceras	3L:-:39776795-39776739	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_115239	LTAAVDNLSLAVK	AGAP012283-PA	-	68	8.60E-07	2	1314.763	0.23	Salivary gland	3L:-:39777956-39777918	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_115298	VAAYCTDLLHIFGAISGPR	AGAP012283-PA	C5(Carbamidomethyl)	119	1.74E-11	1	2061.062	1.45	Salivary gland	3L:-:39776795-39776739	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_115413	VQPTWQAPEEKPAPK	AGAP012283-PA	-	55	4.28E-05	2	1705.898	4.1	Malpighian tubule	3L:-:39778397-39778353	exon=> In CDS Exon 1 of transcript AGAP012283-PA
JHU_Ag_6167	IRFPLVQR	AGAP012284-PA	-	30	0.003903815	2	1028.638	1.29	Larva	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_6540	AHSIQIIK	AGAP012284-PA	-	37	0.000401025	1	909.553	1.77	Larva	3L:+:39779623-39779637,39779719-39779727	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_6754	RPETFYQ	AGAP012284-PA	-	36	0.002853539	2	940.452	-0.34	Ovary	3L:+:39779854-39779874	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_15347	IRFPLVQR	AGAP012284-PA	-	40	0.000496605	1	1028.637	0.11	Male reproductive organs	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_15980	KLFSYR	AGAP012284-PA	-	30	0.00533339	1	813.464	2.18	Malpighian tubule	3L:+:39779836-39779853	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_23389	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl), M15(Oxidation)	162	5.40E-16	1	1946.861	1.12	Ovary	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_25564	RPETFYQ	AGAP012284-PA	-	33	0.005156841	1	940.452	-0.4	Visceras	3L:+:39779854-39779874	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_26869	RPETFYQ	AGAP012284-PA	-	36	0.002495263	1	940.453	0.31	Pupa	3L:+:39779854-39779874	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_27462	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), M15(Oxidation)"	134	3.55E-13	1	1930.864	0.08	Salivary gland	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_28886	FPLVQR	AGAP012284-PA	-	31	0.011259951	1	759.462	14.62	Ovary	3L:+:39779797-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_32787	AHSIQIIKVESIAASK	AGAP012284-PA	-	112	1.90E-11	1	1694.985	3.03	Malpighian tubule	3L:+:39779623-39779637,39779719-39779751	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_35017	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl)	154	3.40E-15	1	1930.867	1.72	Malpighian tubule	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_38694	IRFPLVQR	AGAP012284-PA	-	28	0.007507395	1	1028.637	0.23	Midgut	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_40976	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl),"C11(Carbamidomethyl), M15(Oxidation)"	59	1.15E-05	2	1930.864	0.39	Pupa	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA

JHU_Ag_42137	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl),"C 11(Carbamidomethyl), M15(Oxidation)"	158	1.40E-15	1	1946.858	0.05	Visceras	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_44552	AHSIQIIKVESIAASK	AGAP012284-PA	-	63	1.94E-06	2	1694.979	-0.36	Midgut	3L:+:39779623-39779637,39779719-39779751	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_45685	IRFPLVQR	AGAP012284-PA	-	43	0.000258255	1	1028.636	-0.37	Head	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_46968	RPETFYQ	AGAP012284-PA	-	41	0.000978548	2	940.455	2.84	Head	3L:+:39779854-39779874	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_52031	AHSIQIIK	AGAP012284-PA	-	35	0.000783552	1	909.551	-0.43	Midgut	3L:+:39779623-39779637,39779719-39779727	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_57129	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl), M15(Oxidation)	75	2.42E-07	2	1946.861	1.31	Larva	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_59193	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl),"C 11(Carbamidomethyl), M15(Oxidation)"	121	6.67E-12	1	1930.867	1.66	Midgut	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_61525	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl), M15(Oxidation)	87	1.75E-08	2	1946.860	0.99	Male reproductive organs	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_65101	FPLVQR	AGAP012284-PA	-	32	0.011250347	1	759.450	-0.97	Midgut	3L:+:39779797-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_66764	IRFPLVQR	AGAP012284-PA	-	40	0.000473685	1	1028.638	1.29	Malpighian tubule	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_67958	IRFPLVQR	AGAP012284-PA	-	34	0.002079929	1	1028.636	-0.6	Visceras	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_70479	AHSIQIIK	AGAP012284-PA	-	32	0.001222283	1	909.554	2.31	Malpighian tubule	3L:+:39779623-39779637,39779719-39779727	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_71774	RPETFYQ	AGAP012284-PA	-	37	0.002111456	2	940.455	2.65	Malpighian tubule	3L:+:39779854-39779874	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_72836	VESIAASK	AGAP012284-PA	-	39	0.002418116	1	804.447	0.93	Ovary	3L:+:39779728-39779751	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_74561	FPLVQR	AGAP012284-PA	-	35	0.005796501	2	759.453	1.85	Head	3L:+:39779797-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_74668	AHSIQIIK	AGAP012284-PA	-	35	0.000574344	1	909.553	1.18	Pupa	3L:+:39779623-39779637,39779719-39779727	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_75295	AHSIQIIK	AGAP012284-PA	-	37	0.000402876	2	909.551	-0.24	Visceras	3L:+:39779623-39779637,39779719-39779727	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_75428	DLTVGGAVTQCYSDMASR	AGAP012284-PA	C11(Carbamidomethyl),"C 11(Carbamidomethyl), M15(Oxidation)"	126	1.94E-12	2	1946.858	-0.01	Head	3L:+:39779557-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_78077	IRFPLVQR	AGAP012284-PA	-	40	0.000484718	1	1028.637	0.82	Pupa	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_79240	RPETFYQ	AGAP012284-PA	-	34	0.004654596	2	940.454	1.48	Salivary gland	3L:+:39779854-39779874	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_90812	KLFSYR	AGAP012284-PA	-	31	0.005198524	1	813.462	0.16	Head	3L:+:39779836-39779853	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_99996	EYRDLTVGGAVTQCYSDMASR	AGAP012284-PA	C14(Carbamidomethyl), M18(Oxidation)	79	1.17E-07	1	2395.064	-0.5	Midgut	3L:+:39779548-39779610	exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_104367	AHSIQIIK	AGAP012284-PA	-	42	9.56E-05	1	909.556	4.8	Head	3L:+:39779623-39779637,39779719-39779727	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA

JHU_Ag_109487	IRFPLVQR	AGAP012284-PA	Q7(Deamidated)	48	6.51E-05	1	1028.637	0.7	Ovary	3L:+:39779791-39779814	exon=> In CDS Exon 3 of transcript AGAP012284-PA
JHU_Ag_113587	AHSIQIIK	AGAP012284-PA	-	55	5.29E-06	1	909.553	1.17	Ovary	3L:+:39779623-39779637,39779719-39779727	exon=> In CDS Exon 2 and 3 of transcript AGAP012284-PA
JHU_Ag_26661	GGQVNDLEYIQR	AGAP012287-PA	-	76	5.07E-07	1	1391.697	3.88	Malpighian tubule	3L:-:39786193-39786158	exon=> In CDS Exon 1 of transcript AGAP012287-PA
JHU_Ag_42233	LVLPHISDVLEK	AGAP012287-PA	-	33	0.001012601	1	1362.806	5.27	Larva	3L:-:39785678-39785643	exon=> In CDS Exon 2 of transcript AGAP012287-PA
JHU_Ag_71925	IPGVIWEYTTPR	AGAP012287-PA	-	46	0.000337661	1	1431.760	-2.4	Midgut	3L:-:39786253-39786218	exon=> In CDS Exon 1 of transcript AGAP012287-PA
JHU_Ag_52962	FHLLLFR	AGAP012289-PA	-	42	0.00038626	1	945.567	-0.43	Ovary	3L:+:39802890-39802910	exon=> In CDS Exon 6 of transcript AGAP012289-PA
JHU_Ag_71240	SALVNNVNLACVLVR	AGAP012289-PA	C11(Carbamidomethyl)	37	0.001199168	2	1641.917	4.17	Malpighian tubule	3L:+:39805023-39805067	exon=> In CDS Exon 7 of transcript AGAP012289-PA
JHU_Ag_91357	DLFTGSNVTWER	AGAP012289-PA	-	58	2.48E-05	2	1424.689	6.12	Salivary gland	3L:+:39802158-39802193	exon=> In CDS Exon 5 of transcript AGAP012289-PA
JHU_Ag_92201	TTTFPIGDYFPVR	AGAP012289-PA	-	38	0.001925797	1	1513.772	2.25	Head	3L:+:39804744-39804782	exon=> In CDS Exon 7 of transcript AGAP012289-PA
JHU_Ag_107171	TTTFPIGDYFPVR	AGAP012289-PA	-	42	0.000924981	2	1513.771	1.85	Ovary	3L:+:39804744-39804782	exon=> In CDS Exon 7 of transcript AGAP012289-PA
JHU_Ag_3963	LNIDFLTPEEDQFFR	AGAP012291-PA	-	59	1.60E-05	1	1883.925	3.78	Head	3L:+:39812712-39812756	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_7402	LNIDFLTPEEDQFFR	AGAP012291-PA	-	123	7.79E-12	1	1883.914	-1.73	Midgut	3L:+:39812712-39812756	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_11268	FANDVIGTAAFGIK	AGAP012291-PA	-	67	1.61E-06	2	1423.766	5.42	Head	3L:+:39812544-39812585	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_21696	VDSFRDPTNVFISMAR	AGAP012291-PA	-	61	1.18E-05	1	1854.924	3.94	Malpighian tubule	3L:+:39812586-39812633	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_27674	VDSFRDPTNVFISMAR	AGAP012291-PA	-	39	0.002123831	1	1854.914	-1.29	Midgut	3L:+:39812586-39812633	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_34484	LMFALIADCGK	AGAP012291-PA	M2(Oxidation), C9(Carbamidomethyl)	63	7.43E-06	2	1254.623	0.35	Midgut	3L:+:39812418-39812450	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_34967	HQQAEEPRTDSETGEGFATVEESHVGR	AGAP012291-PA	-	128	1.55E-12	1	2983.348	2.23	Malpighian tubule	3L:+:39812856-39812936	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_43733	TDSETGEGFATVEESHVGR	AGAP012291-PA	-	75	2.70E-07	1	2007.895	3.02	Head	3L:+:39812880-39812936	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_54098	TDSETGEGFATVEESHVGR	AGAP012291-PA	-	41	0.00072581	1	2007.892	1.38	Malpighian tubule	3L:+:39812880-39812936	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_56896	TDSETGEGFATVEESHVGR	AGAP012291-PA	-	51	7.51E-05	1	2007.901	6.12	Midgut	3L:+:39812880-39812936	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_57219	GIFRPDMIELLMQAK	AGAP012291-PA	M12(Oxidation)	53	5.17E-05	1	1777.927	-4.07	Midgut	3L:+:39812796-39812840	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_71768	SVTNQESLVK	AGAP012291-PA	-	63	7.72E-06	1	1104.590	0.4	Malpighian tubule	3L:+:39812634-39812663	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_78260	FANDVIGTAAFGIK	AGAP012291-PA	-	76	2.38E-07	1	1423.762	2.6	Malpighian tubule	3L:+:39812544-39812585	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_84710	AAGGTGYQLEMKDVMTR	AGAP012291-PA	M11(Oxidation), M15(Oxidation)	39	0.001815205	1	1859.862	-0.43	Malpighian tubule	3L:+:39812493-39812543	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_91536	DAEQSLEEGK	AGAP012291-PA	-	52	5.71E-05	2	1105.502	1.06	Midgut	3L:+:39813096-39813125	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_101189	LYEEVRDAEQSLEEGK	AGAP012291-PA	-	107	3.18E-10	1	1894.901	-1.24	Midgut	3L:+:39813078-39813125	exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_116193	FANDVIGTAAFGIK	AGAP012291-PA	-	67	2.18E-06	2	1423.764	3.97	Ovary	3L:+:39812544-39812585	exon=> In CDS Exon 1 of transcript AGAP012291-PA

JHU_Ag_1776	DAGFATVHESAVGK	AGAP012292-PA	-	73	7.06E-07	2	1388.684	2.76	Head	3L:+:39815960-39816001	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_2038	INPGAYLPFGVGPR	AGAP012292-PA	-	52	8.06E-05	1	1457.788	-1.64	Midgut	3L:+:39816452-39816493	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_2671	VIGAYDLLTPNVLLRDPDCVK	AGAP012292-PA	C19(Carbamidomethyl)	78	9.25E-08	1	2371.276	2.85	Ovary	3L:+:39815267-39815329	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_18384	VIGAYDLLTPNVLLR	AGAP012292-PA	-	64	7.67E-07	2	1656.976	4.67	Salivary gland	3L:+:39815267-39815311	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_22839	VIGAYDLLTPNVLLR	AGAP012292-PA	-	60	2.06E-06	2	1656.977	5.48	Head	3L:+:39815267-39815311	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_37193	QIGVK	AGAP012292-PA	-	40	0.000634097	1	544.346	1.09	Head	3L:+:39815330-39815344	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_37503	NMIQHIEALYYSHPDAK	AGAP012292-PA	M2(Oxidation)	65	5.19E-06	1	2045.990	7.2	Head	3L:+:39815111-39815160,39815266-39815266	exon=> In CDS Exon 1 and 2 of transcript AGAP012292-PA
JHU_Ag_39910	DYTFDDGEGLR	AGAP012292-PA	-	47	0.000119332	1	1287.554	3.72	Midgut	3L:+:39816296-39816328	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_41697	VIGAYDLLTPNVLLR	AGAP012292-PA	-	69	3.56E-07	2	1656.967	-0.71	Midgut	3L:+:39815267-39815311	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_50016	LYEEIAEIDQR	AGAP012292-PA	-	46	0.000429607	2	1378.687	1.27	Salivary gland	3L:+:39816143-39816175	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_50919	FANDVIASIAFGIR	AGAP012292-PA	-	33	0.00435792	2	1493.816	3.54	Head	3L:+:39815621-39815662	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_60841	YMDMVVSESLR	AGAP012292-PA	M2(Oxidation), M4(Oxidation)	46	0.000175831	2	1361.606	-1.19	Midgut	3L:+:39816221-39816253	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_66197	LDGKPLTYDAVQGMR	AGAP012292-PA	M14(Oxidation)	83	8.30E-08	1	1679.838	-2.77	Midgut	3L:+:39816176-39816220	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_68245	LKNSPVVLAAEK	AGAP012292-PA	-	47	4.22E-05	1	1268.758	0.61	Malpighian tubule	3L:+:39816602-39816637	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_75287	VIGAYDLLTPNVLLRDPDCVK	AGAP012292-PA	C19(Carbamidomethyl)	52	3.64E-05	1	2371.271	0.76	Midgut	3L:+:39815267-39815329	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_87095	FANDVIASIAFGIR	AGAP012292-PA	-	79	1.15E-07	2	1493.814	1.9	Malpighian tubule	3L:+:39815621-39815662	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_91287	LYEEIAEIDQR	AGAP012292-PA	-	53	7.62E-05	2	1378.697	8.44	Head	3L:+:39816143-39816175	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_91957	LYEEIAEIDQR	AGAP012292-PA	-	72	1.31E-06	2	1378.683	-1.39	Midgut	3L:+:39816143-39816175	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_93542	INPGAYLPFGVGPR	AGAP012292-PA	-	45	0.000420167	1	1457.796	4.14	Head	3L:+:39816452-39816493	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_100512	VIGAYDLLTPNVLLRDPDCVK	AGAP012292-PA	C19(Carbamidomethyl)	79	6.37E-08	1	2371.282	5.63	Head	3L:+:39815267-39815329	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_106772	INPGAYLPFGVGPR	AGAP012292-PA	-	36	0.002881821	2	1457.796	4.31	Ovary	3L:+:39816452-39816493	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_108512	VNSFADRENDFYTR	AGAP012292-PA	-	84	5.11E-08	1	1733.788	-0.16	Malpighian tubule	3L:+:39815663-39815704	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_111032	VIGAYDLLTPNVLLRDPDCVK	AGAP012292-PA	C19(Carbamidomethyl)	84	2.13E-08	1	2371.277	3.31	Malpighian tubule	3L:+:39815267-39815329	exon=> In CDS Exon 2 of transcript AGAP012292-PA
JHU_Ag_29785	GIYLQLSPR	AGAP012293-PA,AGAP012294-PA	-	57	1.54E-05	2	1046.602	2.52	Head	3L:+:39818561-39818587;3L:+:39820566-39820592	exon=> In CDS Exon 1 of transcript AGAP012293-PA;exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_2913	VLFNLNGQR	AGAP012294-PA	-	53	6.49E-05	2	1060.592	2.45	Head	3L:+:39819363-39819389	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_12024	QISLHDFVR	AGAP012294-PA	-	34	0.004157412	1	1114.603	2.13	Head	3L:+:39819074-39819100	exon=> In CDS Exon 1 of transcript AGAP012294-PA
JHU_Ag_25573	VVPEDMVK	AGAP012294-PA	M6(Oxidation)	40	0.001749209	1	932.476	0.09	Pupa	3L:+:39819921-39819944	exon=> In CDS Exon 2 of transcript AGAP012294-PA

JHU_Ag_47235	IPLGAYLPFGLGPR	AGAP012294-PA	-	63	2.32E-06	1	1470.854	4.67	Head	3L:+:39820380-39820421	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_56786	IPLGAYLPFGLGPR	AGAP012294-PA	-	62	3.74E-06	1	1470.852	3.59	Salivary gland	3L:+:39820380-39820421	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_67745	IPLGAYLPFGLGPR	AGAP012294-PA	-	63	2.10E-06	1	1470.854	5	Visceras	3L:+:39820380-39820421	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_70034	IPLGAYLPFGLGPR	AGAP012294-PA	-	62	3.01E-06	1	1470.854	4.75	Ovary	3L:+:39820380-39820421	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_78519	VTDVTPNVDIIIPK	AGAP012294-PA	-	44	0.000143 98	2	1523.875	4.7	Head	3L:+:39820230-39820271	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_95527	VVPEDMVK	AGAP012294-PA	M6(Oxidation)	36	0.005317 175	1	932.478	2.12	Larva	3L:+:39819921-39819944	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_103021	LYEEIQQVSESLDGK	AGAP012294-PA	-	106	3.60E-10	1	1737.866	6.73	Head	3L:+:39820068-39820112	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_116058	VVPEDMVK	AGAP012294-PA	M6(Oxidation)	35	0.006328 125	1	932.474	-1.41	Head	3L:+:39819921-39819944	exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_28291	LYEEIQQVSETLDGK	AGAP012295-PA	-	119	2.05E-11	2	1751.879	5.13	Head	3L:+:39822101-39822145	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_32142	IPLGAYLPFGIGPR	AGAP012295-PA	-	63	2.32E-06	1	1470.854	4.67	Head	3L:+:39822404-39822445	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_45055	IPLGAYLPFGIGPR	AGAP012295-PA	-	62	3.74E-06	1	1470.852	3.59	Salivary gland	3L:+:39822404-39822445	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_73895	IPLGAYLPFGIGPR	AGAP012295-PA	-	63	2.10E-06	1	1470.854	5	Visceras	3L:+:39822404-39822445	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_88656	KYPIPCLPVEPLFGSSR	AGAP012295-PA	C6(Carbamidomethyl)	85	3.03E-08	1	1960.046	4.95	Head	3L:+:39821050-39821100	exon=> In CDS Exon 1 of transcript AGAP012295-PA
JHU_Ag_92954	EEHGIVRPDLIHLLIQAR	AGAP012295-PA	-	77	5.91E-08	1	2109.198	2.4	Head	3L:+:39821819-39821872	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_100770	IPLGAYLPFGIGPR	AGAP012295-PA	-	62	3.01E-06	1	1470.854	4.75	Ovary	3L:+:39822404-39822445	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_101610	YQPQESEETDGFATAK	AGAP012295-PA	-	47	0.000155 545	2	1800.800	4.11	Head	3L:+:39821888-39821935	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_105286	ISFSEFVR	AGAP012295-PA	-	43	0.000471 157	2	984.514	-0.51	Head	3L:+:39821119-39821142	exon=> In CDS Exon 1 of transcript AGAP012295-PA
JHU_Ag_111769	ILFNLTGQR	AGAP012295-PA	-	65	1.85E-06	1	1061.614	3.24	Head	3L:+:39821396-39821422	exon=> In CDS Exon 2 of transcript AGAP012295-PA
JHU_Ag_112989	FALMEVK	AGAP012295-PA,AGAP012296-PA,AGAP012292-PA,AGAP012293-PA,AGAP012294-PA	M4(Oxidation)	38	0.001416 308	2	853.449	0.7	Malpighian tubule	3L:+:39822464-39822484;3L:+:39838338-39838358;3L:+:39816512-39816532;3L:+:39818435-39818455;3L:+:39820440-39820460	exon=> In CDS Exon 2 of transcript AGAP012295-PA;exon=> In CDS Exon 2 of transcript AGAP012296-PA;exon=> In CDS Exon 2 of transcript AGAP012292-PA;exon=> In CDS Exon 1 of transcript AGAP012293-PA;exon=> In CDS Exon 2 of transcript AGAP012294-PA
JHU_Ag_252	GFATVEESEVGQTQASK	AGAP012296-PA	-	143	7.29E-14	1	1767.841	0.84	Malpighian tubule	3L:+:39837786-39837836	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_1118	TPNTQVPLR	AGAP012296-PA	-	61	4.44E-06	1	1025.576	1.82	Malpighian tubule	3L:+:39838401-39838427	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_2544	LMNFFNLDLFDR	AGAP012296-PA	-	53	8.00E-05	2	1544.757	0.36	Midgut	3L:+:39837594-39837629	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_7515	GFATVEESEVGQTQASK	AGAP012296-PA	-	133	8.07E-13	1	1767.843	1.94	Head	3L:+:39837786-39837836	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_11698	DKINPNTYLPFGIGPR	AGAP012296-PA	-	73	5.06E-07	2	1801.965	3.2	Malpighian tubule	3L:+:39838272-39838319	exon=> In CDS Exon 2 of transcript AGAP012296-PA

JHU_Ag_13541	DKINPNTYLPFGIGPR	AGAP012296-PA	-	92	6.54E-09	2	1801.960	0.01	Midgut	3L:+:39838272-39838319	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_15506	LYEEILQTDK	AGAP012296-PA	-	63	6.83E-06	1	1251.647	0.31	Malpighian tubule	3L:+:39837969-39837998	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_17974	HAENDFFVNGK	AGAP012296-PA	N9(Deamidated)	78	1.87E-07	1	1277.589	-1.24	Midgut	3L:+:39837495-39837527	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_26540	INPNTYLPFGIGPR	AGAP012296-PA	-	60	1.35E-05	1	1558.838	0.15	Midgut	3L:+:39838278-39838319	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_28322	LYEEILQTDK	AGAP012296-PA	-	51	0.000107319	2	1251.649	1.58	Head	3L:+:39837969-39837998	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_33763	YFHDKPIPSLAAEPLFGSTR	AGAP012296-PA	-	105	3.77E-10	1	2246.160	-0.45	Midgut	3L:+:39836533-39836592	exon=> In CDS Exon 1 of transcript AGAP012296-PA
JHU_Ag_36931	YANDVIATCAFGIK	AGAP012296-PA	C9(Carbamidomethyl)	93	6.68E-09	2	1542.761	-1.04	Midgut	3L:+:39837438-39837479	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_37479	TLIAITDQK	AGAP012296-PA	-	39	0.001071753	2	1002.585	1.79	Malpighian tubule	3L:+:39837240-39837266	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_39710	VFGMIDTMLPMFVVR	AGAP012296-PA	M4(Oxidation), M8(Oxidation), M11(Oxidation)	47	0.000378684	2	1803.887	1.29	Larva	3L:+:39837084-39837128	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_41860	GFATVEESEVGQTQASK	AGAP012296-PA	-	105	4.98E-10	1	1767.843	1.74	Midgut	3L:+:39837786-39837836	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_42445	DVQDKLYEEILQTDK	AGAP012296-PA	-	68	2.14E-06	2	1836.928	2.81	Malpighian tubule	3L:+:39837954-39837998	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_42760	GTVVFIPIAGLHHDPQYYPNPSK	AGAP012296-PA	-	71	8.64E-07	1	2550.318	1.49	Malpighian tubule	3L:+:39838170-39838238	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_49220	LYEEILQTDK	AGAP012296-PA	-	84	6.77E-08	2	1251.644	-2.32	Midgut	3L:+:39837969-39837998	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_60004	LMNFFNLDLFDREQR	AGAP012296-PA	M2(Oxidation)	63	8.51E-06	1	1973.951	-1.52	Midgut	3L:+:39837594-39837638	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_60272	HAENDFFVNGK	AGAP012296-PA	-	70	1.36E-06	2	1277.590	-0.57	Head	3L:+:39837495-39837527	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_66959	DANGIVRPDMVHLLMQAR	AGAP012296-PA	-	92	6.88E-09	1	2036.063	4.78	Malpighian tubule	3L:+:39837681-39837734	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_70442	DFEYFMNHRPVFGNNDDPHNEALFGK	AGAP012296-PA	M6(Oxidation)	66	1.97E-06	1	3110.383	-0.77	Midgut	3L:+:39837162-39837239	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_71297	DTEEREEVK	AGAP012296-PA	-	47	0.000299999	1	1134.530	2.59	Midgut	3L:+:39837759-39837785	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_71955	DYVVDDGDRLK	AGAP012296-PA	-	57	2.83E-05	1	1294.628	0.52	Malpighian tubule	3L:+:39838122-39838154	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_73270	VFFTEIIK	AGAP012296-PA	-	32	0.002270221	1	996.580	3.03	Malpighian tubule	3L:+:39837639-39837662	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_74447	TPNTQVPLR	AGAP012296-PA	-	34	0.002464651	1	1025.574	0.16	Midgut	3L:+:39838401-39838427	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_81960	QTSFHDFVISIYNKYPLVK	AGAP012296-PA	-	85	2.90E-08	1	2299.217	1.96	Malpighian tubule	3L:+:39836608-39836663,39837083-39837083	exon=> In CDS Exon 1 and 2 of transcript AGAP012296-PA
JHU_Ag_82028	DVQDKLYEEILQTDK	AGAP012296-PA	-	107	2.71E-10	1	1836.924	0.62	Midgut	3L:+:39837954-39837998	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_85103	FTIDKGTVVFIPIAGLHHDPQYYPNPSK	AGAP012296-PA	-	68	1.26E-06	1	3154.635	-0.22	Midgut	3L:+:39838155-39838238	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_86186	TLIAITDQKWR	AGAP012296-PA	-	53	3.29E-05	2	1344.767	2.54	Malpighian tubule	3L:+:39837240-39837272	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_89496	VFFTEIIKDTVR	AGAP012296-PA	-	74	1.96E-07	1	1467.825	3.04	Malpighian tubule	3L:+:39837639-39837674	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_89756	VFFTEIIKDTVR	AGAP012296-PA	-	73	2.17E-07	1	1467.822	1.04	Midgut	3L:+:39837639-39837674	exon=> In CDS Exon 2 of transcript AGAP012296-PA

JHU_Ag_90170	TLIAITDQK	AGAP012296-PA	-	50	9.28E-05	1	1002.583	0.34	Midgut	3L:+:39837240-39837266	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_93058	VFGMIDTMLPMFVVR	AGAP012296-PA	M4(Oxidation), M8(Oxidation), M11(Oxidation)	59	2.03E-05	1	1803.887	1.7	Midgut	3L:+:39837084-39837128	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_94928	GFATVEESEVGQTQASK	AGAP012296-PA	-	101	1.18E-09	1	1767.837	-1.37	Visceras	3L:+:39837786-39837836	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_100145	DYVVDDGDRLK	AGAP012296-PA	-	77	2.88E-07	1	1294.631	2.68	Midgut	3L:+:39838122-39838154	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_101091	DTEEREEVK	AGAP012296-PA	-	43	0.000648887	1	1134.527	-0.1	Malpighian tubule	3L:+:39837759-39837785	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_102057	TPNTQVPLR	AGAP012296-PA	-	56	1.43E-05	1	1025.575	0.75	Head	3L:+:39838401-39838427	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_111068	GFATVEESEVGQTQASK	AGAP012296-PA	-	79	1.69E-07	2	1767.846	3.53	Ovary	3L:+:39837786-39837836	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_113393	HAENDFFVNGKK	AGAP012296-PA	-	41	0.001225095	1	1405.685	-0.81	Malpighian tubule	3L:+:39837495-39837530	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_114080	TPNTQVPLR	AGAP012296-PA	-	41	0.000470712	1	1025.575	1.11	Ovary	3L:+:39838401-39838427	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_117673	GTVVFIPIAGLHHDPQYYPNPSK	AGAP012296-PA	-	66	3.10E-06	1	2550.315	0.27	Midgut	3L:+:39838170-39838238	exon=> In CDS Exon 2 of transcript AGAP012296-PA
JHU_Ag_20963	ATLSPAFTGSK	AGAP012296-PA,AGAP012292-PA,AGAP012291-PA	-	41	0.000973127	1	1079.574	1.1	Ovary	3L:+:39837282-39837314;3L:+:39815468-39815500;3L:+:39812379-39812411	exon=> In CDS Exon 2 of transcript AGAP012296-PA;exon=> In CDS Exon 2 of transcript AGAP012292-PA;exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_55806	ATLSPAFTGSK	AGAP012296-PA,AGAP012292-PA,AGAP012291-PA	-	53	6.30E-05	1	1079.573	-0.37	Malpighian tubule	3L:+:39837282-39837314;3L:+:39815468-39815500;3L:+:39812379-39812411	exon=> In CDS Exon 2 of transcript AGAP012296-PA;exon=> In CDS Exon 2 of transcript AGAP012292-PA;exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_73425	ATLSPAFTGSK	AGAP012296-PA,AGAP012292-PA,AGAP012291-PA	-	47	0.000239933	1	1079.573	0.04	Midgut	3L:+:39837282-39837314;3L:+:39815468-39815500;3L:+:39812379-39812411	exon=> In CDS Exon 2 of transcript AGAP012296-PA;exon=> In CDS Exon 2 of transcript AGAP012292-PA;exon=> In CDS Exon 1 of transcript AGAP012291-PA
JHU_Ag_99929	TLVAEILMLR	AGAP012297-PA	-	36	0.001033241	2	1158.693	1.28	Larva	3L:-:39841422-39841393	exon=> In CDS Exon 1 of transcript AGAP012297-PA
JHU_Ag_6130	NGVDPTEAGQQAIAR	AGAP012301-PA	-	74	6.22E-07	1	1526.758	1.32	Ovary	3L:+:39925111-39925155	exon=> In CDS Exon 3 of transcript AGAP012301-PA
JHU_Ag_23524	FLPSLLAVEAMR	AGAP012301-PA	M11(Oxidation)	78	1.70E-07	1	1362.746	0.79	Ovary	3L:+:39925075-39925110	exon=> In CDS Exon 3 of transcript AGAP012301-PA
JHU_Ag_117347	TMDIGAVAALR	AGAP012301-PA	M2(Oxidation)	64	5.32E-06	2	1133.600	1.54	Ovary	3L:+:39924378-39924410	exon=> In CDS Exon 2 of transcript AGAP012301-PA
JHU_Ag_12073	GAVNNASGVR	AGAP012302-PA	-	71	1.30E-06	2	944.491	-0.17	Midgut	3L:-:39929644-39929615	exon=> In CDS Exon 5 of transcript AGAP012302-PA
JHU_Ag_18215	VPVLNWLPK	AGAP012302-PA	-	65	6.82E-07	2	1065.646	0.2	Midgut	3L:-:39930819-39930793	exon=> In CDS Exon 3 of transcript AGAP012302-PA
JHU_Ag_23274	VPVLNWLPK	AGAP012302-PA	-	41	0.000124486	1	1065.647	1.46	Visceras	3L:-:39930819-39930793	exon=> In CDS Exon 3 of transcript AGAP012302-PA
JHU_Ag_47146	SQIPVVIDCTHIYGADFTAAQVIDTLIK	AGAP012302-PA	C9(Carbamidomethyl)	106	1.91E-10	1	3088.597	-1.89	Midgut	3L:-:39929200-39929117	exon=> In CDS Exon 5 of transcript AGAP012302-PA
JHU_Ag_48419	YLMLTPDR	AGAP012302-PA	M3(Oxidation)	35	0.004556063	1	1024.513	-0.12	Midgut	3L:-:39929284-39929261	exon=> In CDS Exon 5 of transcript AGAP012302-PA
JHU_Ag_65254	NQLLLFLNLKPSVGNVFEGADLEYR	AGAP012302-PA	-	78	9.29E-08	3	2849.519	-0.21	Midgut	3L:-:39929101-39929027	exon=> In CDS Exon 5 of transcript AGAP012302-PA

JHU_Ag_67591	AFADGKPVDATQELIAIGVSNIANSFVQGYPGTGALSR	AGAP012302-PA	-	36	0.001819069	1	3834.971	1.18	Midgut	3L:-:39929833-39930607,39928958-39929645	exon=> In CDS Exon 5 and 4 of transcript AGAP012302-PA
JHU_Ag_72684	RVPVLNWLPK	AGAP012302-PA	-	28	0.001244796	2	1221.750	2.94	Midgut	3L:-:39930822-39930793	exon=> In CDS Exon 3 of transcript AGAP012302-PA
JHU_Ag_78915	SASVYNIHGLSGSQHSLSVPPIHK	AGAP012302-PA	-	102	8.82E-10	1	2515.308	0.9	Midgut	3L:-:39931109-39931038	exon=> In CDS Exon 2 of transcript AGAP012302-PA
JHU_Ag_98094	GSNEFILTDDKQSTMDQIK	AGAP012302-PA	M15(Oxidation)	98	1.87E-09	1	2186.025	-1.35	Midgut	3L:-:39931019-39931152,39930685-39930886	exon=> In CDS Exon 3 and 2 of transcript AGAP012302-PA
JHU_Ag_99034	SLWLIGTAR	AGAP012302-PA	-	61	6.37E-06	2	1016.589	0.06	Midgut	3L:-:39930121-39930095	exon=> In CDS Exon 4 of transcript AGAP012302-PA
JHU_Ag_104259	VGPPDACDQSVAQK	AGAP012302-PA	C7(Carbamidomethyl)	97	2.55E-09	1	1471.683	-1.26	Midgut	3L:-:39930175-39930134	exon=> In CDS Exon 4 of transcript AGAP012302-PA
JHU_Ag_107781	MIGDVPSGLPSVQAPPFSVPEVR	AGAP012302-PA	M1(Oxidation)	102	6.65E-10	1	2395.232	-0.22	Midgut	3L:-:39930022-39929954	exon=> In CDS Exon 4 of transcript AGAP012302-PA
JHU_Ag_109131	VFYDFEQLDK	AGAP012302-PA	-	69	1.85E-06	1	1303.619	-1.51	Midgut	3L:-:39929026-39928997	exon=> In CDS Exon 5 of transcript AGAP012302-PA
JHU_Ag_113754	DLLGIAAK	AGAP012302-PA	-	42	0.000582109	1	800.487	-0.47	Midgut	3L:-:39930328-39930305	exon=> In CDS Exon 4 of transcript AGAP012302-PA
JHU_Ag_158	KDIAQVTSTIFALGR	AGAP012304-PA	-	77	6.43E-08	1	1619.914	1.69	Midgut	3L:+:39966508-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_891	NFTEEQLNAGQAIIGLQAGTNK	AGAP012304-PA	-	104	4.60E-10	1	2317.187	3.59	Malpighian tubule	3L:+:39966703-39966768	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_3636	DIAQVTSTIFALGR	AGAP012304-PA	-	118	1.33E-11	2	1491.821	2.9	Head	3L:+:39966511-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_4719	LINKLEPGAVAK	AGAP012304-PA	-	31	0.001018892	1	1252.762	-0.52	Head	3L:+:39966352-39966387	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_6147	KYGVPDLDVFQTVDLYEK	AGAP012304-PA	-	57	2.60E-05	1	2129.083	1.14	Head	3L:+:39966454-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_6181	FPAGVLYEDALR	AGAP012304-PA	-	50	0.000156265	2	1350.705	-0.39	Salivary gland	3L:+:39966295-39966330	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_7428	GATQAGQNIGAGR	AGAP012304-PA	-	84	4.08E-08	1	1200.608	0.24	Malpighian tubule	3L:+:39966769-39966807	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_7880	RNFTEEQLNAGQAIIGLQAGTNK	AGAP012304-PA	Q18(Deamidated),Q12(Deamidated)	141	6.79E-14	1	2473.284	1.79	Head	3L:+:39966700-39966768	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_17671	YGVPDLDVFQTVDLYEK	AGAP012304-PA	-	100	1.87E-09	1	2000.987	0.88	Head	3L:+:39966457-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_20827	INTSGGQFK	AGAP012304-PA	-	42	0.000720958	1	951.490	0.62	Visceras	3L:+:39966388-39966414	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_21493	DIAQVTSTIFALGR	AGAP012304-PA	-	62	6.43E-06	2	1491.812	-3.24	Male reproductive organs	3L:+:39966511-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_22525	FPAGVLYEDALR	AGAP012304-PA	-	94	5.96E-09	1	1350.707	1.5	Head	3L:+:39966295-39966330	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_23575	YGVPDLDVFQTVDLYEKK	AGAP012304-PA	-	51	0.00012001	1	2129.082	0.97	Visceras	3L:+:39966457-39966510	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_26085	INTSGGQFK	AGAP012304-PA	-	59	1.86E-05	1	951.487	-2.27	Head	3L:+:39966388-39966414	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_27995	YGVPDLDVFQTVDLYEK	AGAP012304-PA	-	98	2.52E-09	1	2000.983	-1.01	Visceras	3L:+:39966457-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_30595	DGLILCK	AGAP012304-PA	C6(Carbamidomethyl)	47	0.000393728	2	818.444	0.05	Midgut	3L:+:39966331-39966351	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_31549	FPAGVLYEDALRDGLILCK	AGAP012304-PA	C18(Carbamidomethyl)	74	4.50E-07	1	2150.129	-1.04	Ovary	3L:+:39966295-39966351	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_31782	DGLILCK	AGAP012304-PA	C6(Carbamidomethyl)	48	0.000334346	2	818.444	0.35	Head	3L:+:39966331-39966351	exon=> In CDS Exon 2 of transcript AGAP012304-PA

JHU_Ag_33934	EAQYWIEEVLGEK	AGAP012304-PA	Q3(Deamidated)	62	1.06E-05	1	1593.782	1.38	Midgut	3L:+:39966256-39966294	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_36984	DKEAQYWIEEVLGEK	AGAP012304-PA	-	80	1.58E-07	2	1836.902	0.48	Head	3L:+:39966250-39966294	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_40110	DIAQVTSTIFALGR	AGAP012304-PA	-	107	1.67E-10	1	1491.827	6.91	Larva	3L:+:39966511-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_40267	YGVPDLDVFQTVDLYEK	AGAP012304-PA	-	56	4.56E-05	2	2000.995	4.85	Larva	3L:+:39966457-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_45970	LINKLEPGAVAK	AGAP012304-PA	-	46	3.48E-05	1	1252.763	0.25	Malpighian tubule	3L:+:39966352-39966387	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_48887	MMENINLFQQAIKK	AGAP012304-PA	M1(Oxidation), M2(Oxidation)	60	1.97E-05	1	1739.886	2.15	Malpighian tubule	3L:+:39966415-39966456	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_51008	NFTEEQLNAGQAIIGLQAGTNK	AGAP012304-PA	-	124	5.67E-12	1	2317.186	3.11	Visceras	3L:+:39966703-39966768	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_51124	EAQYWIEEVLGEK	AGAP012304-PA	-	66	3.84E-06	1	1593.785	3.68	Visceras	3L:+:39966256-39966294	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_54925	NFTEEQLNAGQAIIGLQAGTNK	AGAP012304-PA	-	115	4.71E-11	1	2317.180	0.69	Head	3L:+:39966703-39966768	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_57171	HPEFQGPFLGPKPADECKR	AGAP012304-PA	C17(Carbamidomethyl)	84	6.72E-08	1	2210.082	0.31	Visceras	3L:+:39966646-39966702	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_58833	NFTEEQLNAGQAIIGLQAGTNK	AGAP012304-PA	-	56	3.20E-05	1	2317.176	-1.08	Ovary	3L:+:39966703-39966768	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_60126	YGVPDLDVFQTVDLYEK	AGAP012304-PA	-	112	1.18E-10	1	2000.985	0.03	Ovary	3L:+:39966457-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_60868	KDIAQVTSTIFALGR	AGAP012304-PA	-	84	1.32E-08	2	1619.915	1.84	Head	3L:+:39966508-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_61895	FPAGVLYEDALR	AGAP012304-PA	-	70	1.53E-06	1	1350.706	0.42	Male reproductive organs	3L:+:39966295-39966330	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_62907	DIAQVTSTIFALGR	AGAP012304-PA	-	114	3.30E-11	2	1491.822	3.39	Visceras	3L:+:39966511-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_64977	FPAGVLYEDALR	AGAP012304-PA	-	97	3.10E-09	1	1350.704	-0.94	Midgut	3L:+:39966295-39966330	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_68360	YGVPDLDVFQTVDLYEKK	AGAP012304-PA	-	53	6.80E-05	1	2129.083	1.4	Ovary	3L:+:39966457-39966510	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_70356	MMENINLFQQAIK	AGAP012304-PA	M1(Oxidation), M2(Oxidation)	102	9.50E-10	1	1611.788	0.54	Ovary	3L:+:39966415-39966453	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_71748	DIAQVTSTIFALGR	AGAP012304-PA	-	92	4.93E-09	1	1491.819	1.34	Ovary	3L:+:39966511-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_72713	GATQAGQNIGAGR	AGAP012304-PA	-	81	8.34E-08	1	1200.606	-1.7	Head	3L:+:39966769-39966807	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_73306	KDIAQVTSTIFALGR	AGAP012304-PA	-	88	4.29E-09	1	1619.915	1.99	Visceras	3L:+:39966508-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_74112	HPEFQGPFLGPKPADECK	AGAP012304-PA	C17(Carbamidomethyl)	80	1.67E-07	1	2053.986	3.01	Ovary	3L:+:39966646-39966699	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_75482	GATQAGQNIGAGR	AGAP012304-PA	-	96	2.42E-09	2	1200.612	2.88	Visceras	3L:+:39966769-39966807	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_77727	KDIAQVTSTIFALGR	AGAP012304-PA	-	82	1.62E-08	2	1619.921	5.76	Malpighian tubule	3L:+:39966508-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_79404	DKEAQYWIEEVLGEK	AGAP012304-PA	-	95	5.19E-09	1	1836.903	0.68	Visceras	3L:+:39966250-39966294	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_79514	MMENINLFQQAIKK	AGAP012304-PA	M1(Oxidation), M2(Oxidation)	70	1.61E-06	1	1739.881	-0.59	Ovary	3L:+:39966415-39966456	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_82925	GATQAGQNIGAGRK	AGAP012304-PA	-	83	7.14E-08	2	1328.704	0.4	Malpighian tubule	3L:+:39966769-39966810	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_83239	DIAQVTSTIFALGR	AGAP012304-PA	-	72	5.89E-07	2	1491.812	-2.91	Midgut	3L:+:39966511-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA

JHU_Ag_84419	FPAGVLYEDALR	AGAP012304-PA	-	73	8.43E-07	1	1350.708	2.23	Visceras	3L:+:39966295-39966330	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_88225	INTSGGQFK	AGAP012304-PA	-	55	4.66E-05	1	951.489	-0.92	Malpighian tubule	3L:+:39966388-39966414	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_89242	YGVPDLDVFQTVDLYEK	AGAP012304-PA	-	45	0.000546758	2	2000.992	3.2	Malpighian tubule	3L:+:39966457-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_90000	DIAQVTSTIFALGR	AGAP012304-PA	-	66	1.99E-06	2	1491.826	6.5	Malpighian tubule	3L:+:39966511-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_90159	YGVPDLDVFQTVDLYEK	AGAP012304-PA	-	69	2.24E-06	1	2000.994	4.18	Midgut	3L:+:39966457-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_93844	RNFTEEQLNAGQAIIGLQAGTNK	AGAP012304-PA	-	113	5.09E-11	1	2473.286	2.6	Malpighian tubule	3L:+:39966700-39966768	exon=> In CDS Exon 3 of transcript AGAP012304-PA
JHU_Ag_98018	YGVPDLDVFQTVDLYEKK	AGAP012304-PA	-	45	0.000395112	1	2129.080	0.08	Midgut	3L:+:39966457-39966510	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_98952	MMENINLFQQAIK	AGAP012304-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	107	2.96E-10	1	1595.793	0.35	Head	3L:+:39966415-39966453	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_103553	LINKLEPGAVAK	AGAP012304-PA	-	83	6.78E-09	1	1252.763	0.45	Visceras	3L:+:39966352-39966387	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_105711	EAQYWIEEVLGEK	AGAP012304-PA	-	82	9.20E-08	1	1593.785	3.14	Head	3L:+:39966256-39966294	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_109095	FPAGVLYEDALR	AGAP012304-PA	-	51	0.000126303	2	1350.710	3.49	Larva	3L:+:39966295-39966330	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_114016	FPAGVLYEDALR	AGAP012304-PA	-	74	5.74E-07	1	1350.708	1.96	Ovary	3L:+:39966295-39966330	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_114853	KDIAQVTSTIFALGR	AGAP012304-PA	-	78	4.82E-08	2	1619.918	3.8	Ovary	3L:+:39966508-39966552	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_115014	DKEAQYWIEEVLGEK	AGAP012304-PA	-	75	5.15E-07	1	1836.907	2.74	Ovary	3L:+:39966250-39966294	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_116522	KYGVPDLDVFQTVDLYEK	AGAP012304-PA	-	44	0.000585198	1	2129.086	2.86	Midgut	3L:+:39966454-39966507	exon=> In CDS Exon 2 of transcript AGAP012304-PA
JHU_Ag_1562	CFNCNECHRPLDSMIACDGPDR	AGAP012305-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C7(Carbamidomethyl), M14(Oxidation), C17(Carbamidomethyl)	26	0.002413924	1	2740.079	-0.11	Head	3L:+:39985696-39985761	exon=> In CDS Exon 7 of transcript AGAP012305-PA
JHU_Ag_5549	TLDSIIACDGPDR	AGAP012305-PA	C8(Carbamidomethyl)	71	9.45E-07	1	1432.674	0.43	Head	3L:+:39985347-39985385	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_5914	WGPHGYGFACGSGFLQTDCMSEEQLASQKPMVTIDTTVIK	AGAP012305-PA	C10(Carbamidomethyl), C19(Carbamidomethyl), M31(Oxidation)	96	1.80E-09	1	4463.045	-0.05	Visceras	3L:+:39985419-39985480,39985548-39985605	exon=> In CDS Exon 6 and 7 of transcript AGAP012305-PA
JHU_Ag_6584	CGGVVFAAEQVLSK	AGAP012305-PA	C1(Carbamidomethyl)	109	1.76E-10	1	1464.753	1.19	Head	3L:+:39985257-39985298	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_6691	SLDSTNLNDGPNGEIYCR	AGAP012305-PA	C17(Carbamidomethyl),"N12(Deamidated), C17(Carbamidomethyl)"	136	1.99E-13	1	2025.883	0.71	Male reproductive organs	3L:+:39989225-39989278	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_11657	CGGMVFAAEQQLAK	AGAP012305-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M4(Oxidation)"	83	7.51E-08	2	1525.716	1.48	Head	3L:+:39985633-39985674	exon=> In CDS Exon 7 of transcript AGAP012305-PA
JHU_Ag_13266	APEGEGCPR	AGAP012305-PA	C7(Carbamidomethyl)	66	9.14E-07	2	972.413	-7.17	Male reproductive organs	3L:+:39983646-39983672	exon=> In CDS Exon 3 of transcript AGAP012305-PA

JHU_Ag_15862	GYGYGQGGGALQSDTTNIECEFAPKPS AVDTSAIK	AGAP012305-PA	C20(Carbamidomethyl)	59	1.58E-05	1	3589.692	4.52	Male reproductive organs	3L:+:39984616-39984674,39985184-39985229	exon=> In CDS Exon 5 and 6 of transcript AGAP012305-PA
JHU_Ag_17286	APEGQGCPR	AGAP012305-PA	Q5(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	30	0.004914201	1	972.420	-0.27	Head	3L:+:39985606-39985632	exon=> In CDS Exon 7 of transcript AGAP012305-PA
JHU_Ag_18911	PFKPADNPK	AGAP012305-PA	-	43	0.000538 55	2	1013.538	-3.39	Head	3L:+:39977332-39977358	exon=> In CDS Exon 1 of transcript AGAP012305-PA
JHU_Ag_21727	TLDSIIACDGPDR	AGAP012305-PA	C8(Carbamidomethyl)	64	5.08E-06	1	1432.675	1.03	Visceras	3L:+:39985347-39985385	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_22973	SLDSTNLNDGPNGEIYCR	AGAP012305-PA	C17(Carbamidomethyl)	113	4.13E-11	1	2024.900	0.9	Malpighian tubule	3L:+:39989225-39989278	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_23571	APEGQGCPR	AGAP012305-PA	Q5(Deamidated), C7(Carbamidomethyl)	40	0.000384936	2	972.422	1.49	Malpighian tubule	3L:+:39985606-39985632	exon=> In CDS Exon 7 of transcript AGAP012305-PA
JHU_Ag_24731	TLDSIIACDGPDRDVYCK	AGAP012305-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	92	6.89E-09	1	2097.959	0.23	Visceras	3L:+:39985347-39985400	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_26746	CGYAVYEAEK	AGAP012305-PA	C1(Carbamidomethyl)	64	2.08E-06	2	1189.518	-0.91	Head	3L:+:39989135-39989164	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_27094	MLDSTNCAEHENELYCK	AGAP012305-PA	M1(Oxidation), C7(Carbamidomethyl), C16(Carbamidomethyl)	133	1.08E-13	1	2129.858	0.42	Ovary	3L:+:39978998-39979048	exon=> In CDS Exon 2 of transcript AGAP012305-PA
JHU_Ag_27376	SLDSTNLNDGPNGEIYCR	AGAP012305-PA	C17(Carbamidomethyl),"N12(Deamidated), C17(Carbamidomethyl)"	120	8.32E-12	1	2025.885	1.5	Visceras	3L:+:39989225-39989278	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_32570	CFSCFDCHK	AGAP012305-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C7(Carbamidomethyl)	51	1.14E-06	1	1260.460	0.59	Visceras	3L:+:39989198-39989224	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_33069	SVYAAEER	AGAP012305-PA	-	36	0.002968752	1	924.444	1.68	Visceras	3L:+:39977377-39977400	exon=> In CDS Exon 1 of transcript AGAP012305-PA
JHU_Ag_36550	TLDSIIACDGPDRDVYCK	AGAP012305-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	82	7.11E-08	1	2097.954	-1.86	Malpighian tubule	3L:+:39985347-39985400	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_36708	TLDSIIACDGPDRDVYCK	AGAP012305-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	93	5.73E-09	1	2097.956	-1.08	Head	3L:+:39985347-39985400	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_37021	SLDSTNLNDGPNGEIYCR	AGAP012305-PA	C17(Carbamidomethyl)	57	1.67E-05	2	2024.898	-0.01	Ovary	3L:+:39989225-39989278	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_42736	TLDSIIACDGPDR	AGAP012305-PA	C8(Carbamidomethyl)	61	1.04E-05	2	1432.674	-0.08	Male reproductive organs	3L:+:39985347-39985385	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_43798	GYGYGQGGGALQSDTTNIECEFAPKPS AVDTSAIK	AGAP012305-PA	C20(Carbamidomethyl)	189	1.50E-18	1	3589.679	1.15	Malpighian tubule	3L:+:39984616-39984674,39985184-39985229	exon=> In CDS Exon 5 and 6 of transcript AGAP012305-PA
JHU_Ag_45271	CGGVVFAAEQVLSK	AGAP012305-PA	C1(Carbamidomethyl)	119	1.53E-11	1	1464.754	1.69	Visceras	3L:+:39985257-39985298	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_47559	MLDSTNCAEHENELYCK	AGAP012305-PA	M1(Oxidation), C7(Carbamidomethyl), C16(Carbamidomethyl),"C7(Carbamidomethyl), C16(Carbamidomethyl)"	152	1.77E-15	1	2113.862	-0.04	Visceras	3L:+:39978998-39979048	exon=> In CDS Exon 2 of transcript AGAP012305-PA

JHU_Ag_48980	MLDSTNCAEHENELYCKNCHGR	AGAP012305-PA	M1(Oxidation), C7(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl),"C 7(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl)"	97	3.36E-10	1	2754.115	1.09	Malpighian tubule	3L:+:39978998-39979063	exon=> In CDS Exon 2 of transcript AGAP012305-PA
JHU_Ag_50001	SVYAAEER	AGAP012305-PA	-	41	0.000977228	1	924.445	3.2	Malpighian tubule	3L:+:39977377-39977400	exon=> In CDS Exon 1 of transcript AGAP012305-PA
JHU_Ag_59531	TLDSIIACDGPDRDVYCK	AGAP012305-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	62	8.72E-06	1	2097.962	1.86	Midgut	3L:+:39985347-39985400	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_60556	CGGVVFAAEQVLSK	AGAP012305-PA	C1(Carbamidomethyl)	95	4.22E-09	1	1464.752	0.52	Ovary	3L:+:39985257-39985298	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_61711	APEGQGCPR	AGAP012305-PA	Q5(Deamidated), C7(Carbamidomethyl)	40	0.000521739	2	972.420	-0.2	Visceras	3L:+:39985606-39985632	exon=> In CDS Exon 7 of transcript AGAP012305-PA
JHU_Ag_63905	MLDSTNCAEHENELYCK	AGAP012305-PA	M1(Oxidation), C7(Carbamidomethyl), N12(Deamidated), C16(Carbamidomethyl),"N 6(Deamidated), C7(Carbamidomethyl), C16(Carbamidomethyl)"," C7(Carbamidomethyl), C16(Carbamidomethyl)"," M1(Oxidation), C7(Carbamidomethyl), C16(Carbamidomethyl)"," M1(Oxidation), N6(Deamidated), C7(Carbamidomethyl), C16(Carbamidomethyl)"," C7(Carbamidomethyl), N12(Deamidated), C16(Carbamidomethyl)"	138	4.59E-14	1	2113.862	-0.04	Head	3L:+:39978998-39979048	exon=> In CDS Exon 2 of transcript AGAP012305-PA
JHU_Ag_65782	GLDSVNCCEGPDR	AGAP012305-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	78	2.61E-08	2	1478.601	0.39	Head	3L:+:39984392-39984430	exon=> In CDS Exon 4 of transcript AGAP012305-PA
JHU_Ag_66177	APEGEGCPR	AGAP012305-PA	C7(Carbamidomethyl)	40	0.000384936	2	972.422	1.49	Malpighian tubule	3L:+:39983646-39983672	exon=> In CDS Exon 3 of transcript AGAP012305-PA
JHU_Ag_66943	GLDSVNCCEGPDR	AGAP012305-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	70	2.09E-07	1	1478.606	3.94	Male reproductive organs	3L:+:39984392-39984430	exon=> In CDS Exon 4 of transcript AGAP012305-PA
JHU_Ag_67544	CGGVVFAAEQVLSK	AGAP012305-PA	C1(Carbamidomethyl)	88	2.04E-08	2	1464.752	0.44	Male reproductive organs	3L:+:39985257-39985298	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_69581	APEGEGCPR	AGAP012305-PA	C7(Carbamidomethyl)	30	0.004914201	1	972.420	-0.27	Head	3L:+:39983646-39983672	exon=> In CDS Exon 3 of transcript AGAP012305-PA
JHU_Ag_73679	CFSCFDCHK	AGAP012305-PA	C1(Carbamidomethyl), C4(Carbamidomethyl), C7(Carbamidomethyl)	54	6.32E-07	1	1260.456	-2.64	Head	3L:+:39989198-39989224	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_74856	MLDSTNCAEHENELYCK	AGAP012305-PA	M1(Oxidation), C7(Carbamidomethyl), C16(Carbamidomethyl)	121	1.62E-12	1	2129.855	-1.29	Midgut	3L:+:39978998-39979048	exon=> In CDS Exon 2 of transcript AGAP012305-PA

JHU_Ag_78694	APEGQGCPR	AGAP012305-PA	Q5(Deamidated), C7(Carbamidomethyl),C7(Carbamidomethyl)	66	9.14E-07	2	972.413	-7.17	Male reproductive organs	3L:+:39985606-39985632	exon=> In CDS Exon 7 of transcript AGAP012305-PA
JHU_Ag_80260	GYGYGQGGGALQSDTTNIECEFAPKPSAVDTSAIK	AGAP012305-PA	C20(Carbamidomethyl)	185	4.30E-18	1	3589.681	1.66	Visceras	3L:+:39984616-39984674,39985184-39985229	exon=> In CDS Exon 5 and 6 of transcript AGAP012305-PA
JHU_Ag_84517	TLDSIIACDGPDRDVYCK	AGAP012305-PA	C8(Carbamidomethyl), C17(Carbamidomethyl)	78	1.81E-07	1	2097.956	-1.05	Male reproductive organs	3L:+:39985347-39985400	exon=> In CDS Exon 6 of transcript AGAP012305-PA
JHU_Ag_85673	CGGMVFAAEQQLAK	AGAP012305-PA	C1(Carbamidomethyl),"C1(Carbamidomethyl), M4(Oxidation)"	101	1.16E-09	1	1509.720	0.72	Visceras	3L:+:39985633-39985674	exon=> In CDS Exon 7 of transcript AGAP012305-PA
JHU_Ag_86295	SLDSTNLNDGPNGEIYCR	AGAP012305-PA	C17(Carbamidomethyl),"N12(Deamidated), C17(Carbamidomethyl)"	136	1.91E-13	1	2025.883	0.65	Head	3L:+:39989225-39989278	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_87199	SVYAAEER	AGAP012305-PA	-	50	0.000137925	1	924.442	-0.25	Ovary	3L:+:39977377-39977400	exon=> In CDS Exon 1 of transcript AGAP012305-PA
JHU_Ag_98205	KGLDSVNCCEGPDR	AGAP012305-PA	C8(Carbamidomethyl), C9(Carbamidomethyl)	81	5.47E-08	1	1606.695	-0.25	Visceras	3L:+:39984389-39984430	exon=> In CDS Exon 4 of transcript AGAP012305-PA
JHU_Ag_98565	MLDSTNCAEHENELYCK	AGAP012305-PA	M1(Oxidation), C7(Carbamidomethyl), C16(Carbamidomethyl),"C7(Carbamidomethyl), C16(Carbamidomethyl)"	93	1.06E-09	1	2129.864	2.92	Malpighian tubule	3L:+:39978998-39979048	exon=> In CDS Exon 2 of transcript AGAP012305-PA
JHU_Ag_99571	KGLDSVNCCEGPDR	AGAP012305-PA	C8(Carbamidomethyl), C9(Carbamidomethyl)	90	6.87E-09	1	1606.696	0.51	Head	3L:+:39984389-39984430	exon=> In CDS Exon 4 of transcript AGAP012305-PA
JHU_Ag_99849	CGGYVYMAEQMLAR	AGAP012305-PA	C1(Carbamidomethyl)	76	2.14E-07	2	1648.730	1.09	Visceras	3L:+:39983673-39983714	exon=> In CDS Exon 3 of transcript AGAP012305-PA
JHU_Ag_103102	CGYAVYEAEK	AGAP012305-PA	C1(Carbamidomethyl)	70	4.59E-07	1	1189.520	0.12	Visceras	3L:+:39989135-39989164	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_104717	IWHKR	AGAP012305-PA	-	30	0.003117612	1	739.436	0.13	Male reproductive organs	3L:+:39989183-39989197	exon=> In CDS Exon 8 of transcript AGAP012305-PA
JHU_Ag_106570	GYGYGQGGGALQSDTTNIECEFAPKPSAVDTSAIK	AGAP012305-PA	C20(Carbamidomethyl)	171	9.51E-17	1	3589.668	-2.01	Head	3L:+:39984616-39984674,39985184-39985229	exon=> In CDS Exon 5 and 6 of transcript AGAP012305-PA
JHU_Ag_106777	SVYAAEER	AGAP012305-PA	-	42	0.00083892	1	924.441	-1.17	Head	3L:+:39977377-39977400	exon=> In CDS Exon 1 of transcript AGAP012305-PA
JHU_Ag_109299	GLDSVNCCEGPDR	AGAP012305-PA	C7(Carbamidomethyl), C8(Carbamidomethyl)	77	3.10E-08	1	1478.601	0.64	Visceras	3L:+:39984392-39984430	exon=> In CDS Exon 4 of transcript AGAP012305-PA
JHU_Ag_110142	APEGEGCPR	AGAP012305-PA	C7(Carbamidomethyl)	40	0.000521739	2	972.420	-0.21	Visceras	3L:+:39983646-39983672	exon=> In CDS Exon 3 of transcript AGAP012305-PA
JHU_Ag_112734	PFKPADNPK	AGAP012305-PA	N-Term(Acetyl)	38	0.001391406	1	1055.555	2.71	Ovary	3L:+:39977332-39977358	exon=> In CDS Exon 1 of transcript AGAP012305-PA
JHU_Ag_114954	PFKPADNPK	AGAP012305-PA	-	42	0.000509291	1	1013.544	2.51	Ovary	3L:+:39977332-39977358	exon=> In CDS Exon 1 of transcript AGAP012305-PA
JHU_Ag_4869	NEIELLESLEELR	AGAP012306-PA	-	34	0.004297157	1	1586.846	11.8	Head	3L:+:39991729-39991767	exon=> In CDS Exon 2 of transcript AGAP012306-PA
JHU_Ag_10917	NEIELLESLEELRDLNR	AGAP012306-PA	-	33	0.006420176	1	2085.090	3.79	Ovary	3L:+:39991729-39991779	exon=> In CDS Exon 2 of transcript AGAP012306-PA
JHU_Ag_38387	NEIELLESLEELR	AGAP012306-PA	-	37	0.00244736	1	1586.850	14.1	Male reproductive organs	3L:+:39991729-39991767	exon=> In CDS Exon 2 of transcript AGAP012306-PA
JHU_Ag_65987	FSDVIGASHTVDYR	AGAP012307-PA	-	39	0.001960871	2	1566.762	4.87	Larva	3L:+:40031481-40031522	exon=> In CDS Exon 2 of transcript AGAP012307-PA

JHU_Ag_73589	YELTFEGLWSR	AGAP012307-PA	-	63	6.87E-06	2	1400.692	5.2	Larva	3L:+:40031403-40031435	exon=> In CDS Exon 2 of transcript AGAP012307-PA
JHU_Ag_102268	LLQINPK	AGAP012307-PA	Q3(Deamidated), N5(Deamidated)	31	0.003734328	1	827.499	13.82	Malpighian tubule	3L:+:40032664-40032684	exon=> In CDS Exon 4 of transcript AGAP012307-PA
JHU_Ag_24344	VLIALGK	AGAP012308-PA	-	33	0.000512145	2	713.492	-0.31	Salivary gland	3L:+:40063614-40063634	exon=> In CDS Exon 1 of transcript AGAP012308-PA
JHU_Ag_61493	LNNVTIRPASAGSLEEEISR	AGAP012308-PA	-	120	1.04E-11	1	2156.132	0.8	Salivary gland	3L:+:40063158-40063217	exon=> In CDS Exon 1 of transcript AGAP012308-PA
JHU_Ag_89703	TILALGVTPDR	AGAP012308-PA	-	69	6.95E-07	1	1155.672	-1.37	Salivary gland	3L:+:40063419-40063451	exon=> In CDS Exon 1 of transcript AGAP012308-PA
JHU_Ag_42762	SCGTGPIICTDVHLYR	AGAP012315-PA	C2(Carbamidomethyl), C9(Carbamidomethyl)	48	0.000293416	1	1848.876	1.4	Male reproductive organs	3L:+:40150716-40150763	exon=> In CDS Exon 1 of transcript AGAP012315-PA
JHU_Ag_447	NALTVVPR	AGAP012317-PA	-	37	0.000729094	1	869.521	0.16	Midgut	3L:-:40164124-40164101	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_1827	LAVLEMER	AGAP012317-PA	M6(Oxidation)	41	0.00120093	2	976.513	-0.34	Midgut	3L:-:40163776-40163753	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_57419	IEMLGTDALAGLPNLK	AGAP012317-PA	M3(Oxidation)	122	6.26E-12	2	1671.900	0.9	Midgut	3L:-:40163983-40163936	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_65745	IEVNAFSNALHLSQLK	AGAP012317-PA	-	117	1.56E-11	1	1783.978	4.36	Midgut	3L:-:40163902-40163855	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_87845	FGTIDPHQFQCR	AGAP012317-PA	C11(Carbamidomethyl)	51	8.74E-05	1	1505.696	0.25	Male reproductive organs	3L:-:40163212-40163177	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_106509	IEMLGTDALAGLPNLK	AGAP012317-PA	M3(Oxidation)	75	2.61E-07	2	1671.911	7.11	Larva	3L:-:40163983-40163936	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_111468	QLAYLDISGTPIR	AGAP012317-PA	-	94	3.43E-09	2	1446.795	-0.3	Midgut	3L:-:40163656-40163618	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_116359	TEADLYLR	AGAP012317-PA	-	45	0.000409602	2	980.503	-1.83	Midgut	3L:-:40163818-40163795	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_117019	YLNLGHNQITTIPDK	AGAP012317-PA	-	78	1.94E-07	1	1726.910	-1.08	Midgut	3L:-:40164079-40164035	exon=> In CDS Exon 1 of transcript AGAP012317-PA
JHU_Ag_69436	IESLVK	AGAP012320-PA	-	43	0.00039649	1	688.429	7.02	Male reproductive organs	3L:-:40209855-40209838	exon=> In CDS Exon 3 of transcript AGAP012320-PA
JHU_Ag_1639	QMQDFER	AGAP012334-PA	-	31	0.004109053	2	953.416	1.16	Malpighian tubule	3L:-:40733252-40733232	exon=> In CDS Exon 2 of transcript AGAP012334-PA
JHU_Ag_3764	SEWEYK	AGAP012334-PA	-	36	0.001279959	2	841.374	1.51	Ovary	3L:-:40733457-40733604,40733112-40733283	exon=> In CDS Exon 2 and 1 of transcript AGAP012334-PA
JHU_Ag_5712	RPLSAYMLWLNSAR	AGAP012334-PA	M7(Oxidation)	70	1.03E-06	1	1693.888	2.36	Malpighian tubule	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_14446	QMQDFER	AGAP012334-PA	M2(Oxidation)	35	0.00139717	2	969.410	0.72	Ovary	3L:-:40733252-40733232	exon=> In CDS Exon 2 of transcript AGAP012334-PA
JHU_Ag_22317	RPLSAYMLWLNSAR	AGAP012334-PA	-	62	7.32E-06	1	1677.889	-0.5	Midgut	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_25902	RPLSAYMLWLNSAR	AGAP012334-PA	-	40	0.001040912	1	1677.890	0.59	Salivary gland	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_28747	AEKPKRPLSAYMLWLNSAR	AGAP012334-PA	N-Term(Acetyl), M12(Oxidation)	62	4.25E-06	1	2289.222	2.07	Malpighian tubule	3L:-:40733601-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_32034	SEWEYK	AGAP012334-PA	-	29	0.006912023	1	841.372	-0.44	Head	3L:-:40733457-40733604,40733112-40733283	exon=> In CDS Exon 2 and 1 of transcript AGAP012334-PA
JHU_Ag_37599	MKDEYNK	AGAP012334-PA	M1(Oxidation)	35	0.001365367	2	943.415	-4.6	Head	3L:-:40733273-40733253	exon=> In CDS Exon 2 of transcript AGAP012334-PA
JHU_Ag_44151	KGGELWR	AGAP012334-PA	-	52	0.000141696	1	845.463	0.09	Ovary	3L:-:40733493-40733473	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_53194	KGGELWR	AGAP012334-PA	-	43	0.001003134	2	845.464	1.17	Malpighian tubule	3L:-:40733493-40733473	exon=> In CDS Exon 1 of transcript AGAP012334-PA

JHU_Ag_56322	ENPGIKVTEIAK	AGAP012334-PA	-	75	2.97E-07	1	1298.731	-0.3	Malpighian tubule	3L:-:40733529-40733494	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_58083	RPLSAYMLWLNSAR	AGAP012334-PA	M7(Oxidation)	67	2.16E-06	1	1693.888	2.03	Ovary	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_60190	RPLSAYMLWLNSAR	AGAP012334-PA	-	85	3.27E-08	1	1677.892	1.39	Head	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_61805	RPLSAYMLWLNSAR	AGAP012334-PA	-	101	7.40E-10	1	1677.896	3.94	Visceras	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_62628	DKSEWEYK	AGAP012334-PA	-	53	4.29E-05	1	1084.495	0.74	Ovary	3L:-:40733463-40733604,40733112-40733283	exon=> In CDS Exon 2 and 1 of transcript AGAP012334-PA
JHU_Ag_77649	RPLSAYMLWLNSAR	AGAP012334-PA	-	59	1.34E-05	1	1677.896	3.72	Pupa	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_79064	RPLSAYMLWLNSAR	AGAP012334-PA	M7(Oxidation)	58	1.99E-05	1	1693.885	0.3	Male reproductive organs	3L:-:40733586-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_82321	AEKPKRPLSAYMLWLNSAR	AGAP012334-PA	N-Term(Acetyl)	87	1.11E-08	1	2273.230	3.42	Malpighian tubule	3L:-:40733601-40733545	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_99289	VTEIAKK	AGAP012334-PA	-	31	0.004244311	1	788.490	2.77	Malpighian tubule	3L:-:40733511-40733491	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_101598	MKDEYNK	AGAP012334-PA	M1(Oxidation)	34	0.001831293	2	943.419	-0.13	Ovary	3L:-:40733273-40733253	exon=> In CDS Exon 2 of transcript AGAP012334-PA
JHU_Ag_113965	KENPGIK	AGAP012334-PA	-	41	0.000477281	1	785.448	-4.15	Head	3L:-:40733532-40733512	exon=> In CDS Exon 1 of transcript AGAP012334-PA
JHU_Ag_3058	FVGSFGLR	AGAP012335-PA	-	41	0.000605805	2	882.483	-0.14	Ovary	3L:-:40743230-40743207	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_8797	FHIPTSESAGDVDPVEAFQENVMK	AGAP012335-PA	M23(Oxidation)	82	9.74E-08	1	2647.241	2.44	Ovary	3L:-:40742906-40742835	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_11191	VEQINSSDIELLNYQR	AGAP012335-PA	-	44	0.000627833	1	1920.958	-4.25	Salivary gland	3L:-:40743278-40743231	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_15539	AAAGYLYPLER	AGAP012335-PA	-	37	0.002053092	1	1223.648	4.75	Ovary	3L:-:40742357-40742325	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_16860	LFLLPHK	AGAP012335-PA	-	38	0.00037794	1	867.547	1.94	Malpighian tubule	3L:-:40742672-40742652	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_33724	AKDDYTEAMAAWK	AGAP012335-PA	-	45	0.000299097	2	1499.686	1.42	Ovary	3L:-:40741535-40741497	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_39039	KLTGPGTFIGHSGTPAIGCSFK	AGAP012335-PA	C19(Carbamidomethyl)	41	0.000857942	1	2233.145	0.56	Ovary	3L:-:40742423-40742358	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_41470	ELSGPVYEVLGK	AGAP012335-PA	-	70	1.26E-06	2	1290.695	0.64	Ovary	3L:-:40742483-40742448	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_47309	VFQSFFQLHGK	AGAP012335-PA	-	38	0.00206968	2	1337.700	-0.01	Head	3L:-:40742744-40742712	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_51203	LFDFIVSK	AGAP012335-PA	-	54	1.74E-05	1	968.549	3.62	Ovary	3L:-:40742156-40742133	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_53863	DFPGLSITEMSK	AGAP012335-PA	-	38	0.002316664	2	1324.648	1.78	Ovary	3L:-:40741634-40741599	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_57592	ADFLEYSSISSEIR	AGAP012335-PA	N-Term(Acetyl)	58	2.00E-05	2	1658.792	0.78	Ovary	3L:-:40743495-40743454	exon=> In CDS Exon 1 of transcript AGAP012335-PA
JHU_Ag_61327	ELSGPVYEVLGK	AGAP012335-PA	-	37	0.002609614	1	1290.694	-0.22	Salivary gland	3L:-:40742483-40742448	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_63373	VFQSFFQLHGK	AGAP012335-PA	-	59	1.60E-05	2	1337.704	2.64	Ovary	3L:-:40742744-40742712	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_72861	LTGPGTFIGHSGTPAIGCSFK	AGAP012335-PA	C18(Carbamidomethyl)	67	3.22E-06	1	2105.052	1.75	Head	3L:-:40742420-40742358	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_83539	LFDFIVSK	AGAP012335-PA	-	42	0.000277136	2	968.547	1.54	Male reproductive organs	3L:-:40742156-40742133	exon=> In CDS Exon 2 of transcript AGAP012335-PA

JHU_Ag_97383	AAAGYLYPLER	AGAP012335-PA	-	40	0.001151931	2	1223.646	3.55	Malpighian tubule	3L:-:40742357-40742325	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_104690	FEEISTVNFAR	AGAP012335-PA	-	58	2.11E-05	1	1312.660	5.48	Ovary	3L:-:40742285-40742253	exon=> In CDS Exon 2 of transcript AGAP012335-PA
JHU_Ag_14293	IPGLSQR	AGAP012336-PA	-	38	0.00078842	2	770.452	-0.32	Ovary	3L:+:40744762-40744782	exon=> In CDS Exon 2 of transcript AGAP012336-PA
JHU_Ag_59650	TTIPNLTDHEEVQR	AGAP012339-PA	-	65	5.55E-06	1	1652.824	0.22	Head	3L:-:40751908-40751949,40751387-40751507	exon=> In CDS Exon 3 and 2 of transcript AGAP012339-PA
JHU_Ag_78997	TTIPNLTDHEEVQR	AGAP012339-PA	-	62	1.18E-05	2	1652.828	2.29	Visceras	3L:-:40751908-40751949,40751387-40751507	exon=> In CDS Exon 3 and 2 of transcript AGAP012339-PA
JHU_Ag_80211	TTIPNLTDHEEVQR	AGAP012339-PA	-	79	2.07E-07	1	1652.825	0.37	Male reproductive organs	3L:-:40751908-40751949,40751387-40751507	exon=> In CDS Exon 3 and 2 of transcript AGAP012339-PA
JHU_Ag_85773	QYGNQAGESER	AGAP012339-PA	-	49	0.000116094	2	1238.542	1.82	Visceras	3L:-:40751260-40751228	exon=> In CDS Exon 4 of transcript AGAP012339-PA
JHU_Ag_92432	TTIPNLTDHEEVQR	AGAP012339-PA	-	81	1.31E-07	1	1652.833	5.61	Malpighian tubule	3L:-:40751908-40751949,40751387-40751507	exon=> In CDS Exon 3 and 2 of transcript AGAP012339-PA
JHU_Ag_96244	TTIPNLTDHEEVQR	AGAP012339-PA	-	59	2.34E-05	2	1652.828	2.58	Ovary	3L:-:40751908-40751949,40751387-40751507	exon=> In CDS Exon 3 and 2 of transcript AGAP012339-PA
JHU_Ag_100672	SKIQDMNDDLE	AGAP012339-PA	M6(Oxidation)	66	1.74E-06	2	1323.574	0.41	Head	3L:-:40751227-40751195	exon=> In CDS Exon 4 of transcript AGAP012339-PA
JHU_Ag_117452	SKIQDMNDDLE	AGAP012339-PA	M6(Oxidation)	60	8.40E-06	2	1307.580	1.57	Malpighian tubule	3L:-:40751227-40751195	exon=> In CDS Exon 4 of transcript AGAP012339-PA
JHU_Ag_1542	AIVEEIDDEREQVR	AGAP012340-PA	-	51	0.00011124	2	1700.847	1.12	Male reproductive organs	3L:+:40758776-40758817	exon=> In CDS Exon 3 of transcript AGAP012340-PA
JHU_Ag_9196	LTSNVSQIQPGAVR	AGAP012340-PA	-	41	0.000667823	2	1469.808	0.86	Male reproductive organs	3L:+:40756835-40756876	exon=> In CDS Exon 2 of transcript AGAP012340-PA
JHU_Ag_16416	VLFVDYGNEETCSLQDLRPASACGLVPVQSHR	AGAP012340-PA	C12(Carbamidomethyl), C23(Carbamidomethyl)	86	3.24E-08	1	3617.758	2.77	Ovary	3L:+:40757714-40757809	exon=> In CDS Exon 3 of transcript AGAP012340-PA
JHU_Ag_18292	STLIFGQHCIPTDATEQR	AGAP012340-PA	C9(Carbamidomethyl)	93	9.25E-09	1	2074.003	0.45	Ovary	3L:+:40755596-40755649	exon=> In CDS Exon 2 of transcript AGAP012340-PA
JHU_Ag_24812	IQLVIEPYR	AGAP012340-PA	-	35	0.00265127	1	1130.657	0.37	Male reproductive organs	3L:+:40757678-40757704	exon=> In CDS Exon 3 of transcript AGAP012340-PA
JHU_Ag_30593	TPNKSDDVGR	AGAP012340-PA	-	35	0.004052064	1	1088.539	5.73	Head	3L:+:40756997-40757026	exon=> In CDS Exon 2 of transcript AGAP012340-PA
JHU_Ag_85535	AIVEEIDDEREQVR	AGAP012340-PA	-	48	0.000216206	2	1700.854	5.07	Ovary	3L:+:40758776-40758817	exon=> In CDS Exon 3 of transcript AGAP012340-PA
JHU_Ag_102523	HLPIPCHLTLLK	AGAP012340-PA	C6(Carbamidomethyl)	30	0.003434149	1	1441.838	2.3	Ovary	3L:+:40757963-40757998	exon=> In CDS Exon 3 of transcript AGAP012340-PA
JHU_Ag_111967	LTSNVSQIQPGAVR	AGAP012340-PA	-	51	6.99E-05	2	1469.814	4.93	Malpighian tubule	3L:+:40756835-40756876	exon=> In CDS Exon 2 of transcript AGAP012340-PA
JHU_Ag_114692	DIEDPNDLPEEEDEYDRFNR	AGAP012340-PA	-	34	0.001649912	1	2510.061	0.68	Male reproductive organs	3L:+:40758251-40758310	exon=> In CDS Exon 3 of transcript AGAP012340-PA
JHU_Ag_1062	DNLVVEEHNGLYTVK	AGAP012343-PA	-	75	5.08E-07	2	1729.880	2.5	Head	3L:+:40796848-40796848,40796915-40796958	exon=> In CDS Exon 2 and 3 of transcript AGAP012343-PA
JHU_Ag_1374	INLSGVEHHTVQGTK	AGAP012343-PA	-	32	0.008377762	1	1619.851	0.88	Ovary	3L:+:40797165-40797209	exon=> In CDS Exon 4 of transcript AGAP012343-PA
JHU_Ag_3604	MLLQNVGR	AGAP012343-PA	M1(Oxidation)	46	0.000393123	2	946.517	2.76	Larva	3L:+:40798353-40798376	exon=> In CDS Exon 8 of transcript AGAP012343-PA

JHU_Ag_4354	DNLVVEEHNGLYTVK	AGAP012343-PA	-	36	0.003975144	2	1729.875	-0.6	Ovary	3L:+:40796848-40796848,40796915-40796958	exon=> In CDS Exon 2 and 3 of transcript AGAP012343-PA
JHU_Ag_6575	GGKPVLDVVTPSWTVDPVGLDSR	AGAP012343-PA	-	89	1.15E-08	1	2394.266	-0.11	Pupa	3L:+:40798587-40798655	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_8663	INLSGVEHHTVQGTK	AGAP012343-PA	-	107	2.91E-10	1	1619.849	-0.54	Midgut	3L:+:40797165-40797209	exon=> In CDS Exon 4 of transcript AGAP012343-PA
JHU_Ag_9751	INLSGVEHHTVQGTK	AGAP012343-PA	-	40	0.001134141	1	1619.854	2.35	Malpighian tubule	3L:+:40797165-40797209	exon=> In CDS Exon 4 of transcript AGAP012343-PA
JHU_Ag_11703	DGIGIDESDER	AGAP012343-PA	-	61	5.85E-06	1	1205.532	3.55	Midgut	3L:+:40798848-40798880	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_11819	DGIGIDESDER	AGAP012343-PA	-	49	7.23E-05	2	1205.528	0.2	Head	3L:+:40798848-40798880	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_16618	YEGGNPEQTALLIK	AGAP012343-PA	-	67	2.55E-06	2	1532.797	1.13	Head	3L:+:40797914-40797955	exon=> In CDS Exon 7 of transcript AGAP012343-PA
JHU_Ag_17625	IAVVSGDGEVAKVEGSYNDR	AGAP012343-PA	-	69	1.78E-06	1	2065.021	0.59	Midgut	3L:+:40796389-40796448	exon=> In CDS Exon 1 of transcript AGAP012343-PA
JHU_Ag_20787	LITEESSEMTSINTK	AGAP012343-PA	-	45	0.000532702	2	1682.815	-0.23	Ovary	3L:+:40797348-40797392	exon=> In CDS Exon 5 of transcript AGAP012343-PA
JHU_Ag_25341	ELPECEEETLGTDENLCEVDPSK	AGAP012343-PA	C5(Carbamidomethyl), C17(Carbamidomethyl)	73	2.19E-07	2	2693.146	0.69	Head	3L:+:40798284-40798352	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_27542	AYPEPAFYWTR	AGAP012343-PA	-	38	0.002116284	2	1400.664	0.16	Midgut	3L:+:40799297-40799329	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_27797	DGIGIDESDER	AGAP012343-PA	-	35	0.002473814	2	1205.533	4.15	Larva	3L:+:40798848-40798880	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_33420	GSALIVDDVLER	AGAP012343-PA	-	41	0.000960138	2	1286.700	3.5	Head	3L:+:40799351-40799386	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_33901	EGQDLQVVCEVYGARPEPVISWHR	AGAP012343-PA	C9(Carbamidomethyl)	123	6.17E-12	1	2824.391	2.69	Head	3L:+:40796758-40796829	exon=> In CDS Exon 2 of transcript AGAP012343-PA
JHU_Ag_37011	GGKPVLDVVTPSWTVDPVGLDSR	AGAP012343-PA	-	55	2.71E-05	1	2394.260	-2.71	Visceras	3L:+:40798587-40798655	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_40496	INLSGVEHHTVQGTK	AGAP012343-PA	-	105	4.20E-10	1	1619.854	2.32	Head	3L:+:40797165-40797209	exon=> In CDS Exon 4 of transcript AGAP012343-PA
JHU_Ag_41794	LSVDNQFHIDLQVRPTK	AGAP012343-PA	-	42	0.000605363	1	2010.074	-1.59	Head	3L:+:40797037-40797073,40797151-40797164	exon=> In CDS Exon 3 and 4 of transcript AGAP012343-PA
JHU_Ag_42475	MLLQNVGR	AGAP012343-PA	M1(Oxidation)	53	8.87E-05	2	946.514	-0.08	Midgut	3L:+:40798353-40798376	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_43771	GSALIVDDVLER	AGAP012343-PA	-	46	0.000335046	2	1286.696	0.37	Pupa	3L:+:40799351-40799386	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_45098	VECIPSCSISWFK	AGAP012343-PA	C3(Carbamidomethyl), C7(Carbamidomethyl)	47	0.000279337	2	1612.751	0.63	Midgut	3L:+:40798809-40798847	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_46667	IAVVSGDGEVAK	AGAP012343-PA	-	55	4.48E-05	1	1144.621	-0.26	Midgut	3L:+:40796389-40796424	exon=> In CDS Exon 1 of transcript AGAP012343-PA
JHU_Ag_47173	MLLQNVGR	AGAP012343-PA	-	47	0.000286597	2	930.518	-1.28	Head	3L:+:40798353-40798376	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_47582	GGKPVLDVVTPSWTVDPVGLDSR	AGAP012343-PA	-	83	3.47E-08	1	2394.278	4.86	Head	3L:+:40798587-40798655	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_50097	TTFSCFAYNEGGEGYPAEVNLEVHAPPAFIQK	AGAP012343-PA	C5(Carbamidomethyl)	82	6.92E-08	1	3543.652	-0.24	Midgut	3L:+:40798656-40798751	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_50873	EVEDEDVLICVATGSPR	AGAP012343-PA	C10(Carbamidomethyl)	71	1.46E-06	2	1888.896	0.27	Midgut	3L:+:40799570-40799620	exon=> In CDS Exon 11 of transcript AGAP012343-PA
JHU_Ag_60981	GGKPVLDVVTPSWTVDPVGLDSR	AGAP012343-PA	-	85	2.39E-08	1	2394.274	3.02	Larva	3L:+:40798587-40798655	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_62536	EGQDLQVVCEVYGARPEPVISWHR	AGAP012343-PA	C9(Carbamidomethyl)	53	6.34E-05	1	2824.384	-0.05	Ovary	3L:+:40796758-40796829	exon=> In CDS Exon 2 of transcript AGAP012343-PA

JHU_Ag_63057	DNLVVEEHNGLYTVK	AGAP012343-PA	-	49	0.000156 87	2	1729.892	9.21	Malpighian tubule	3L:+:40796848-40796848,40796915-40796958	exon=> In CDS Exon 2 and 3 of transcript AGAP012343-PA
JHU_Ag_63654	AYPEPAFYWTR	AGAP012343-PA	-	40	0.001401 438	1	1400.664	0.16	Head	3L:+:40799297-40799329	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_64278	YEGGNPEQTALLIK	AGAP012343-PA	-	39	0.001762 482	2	1532.796	0.41	Pupa	3L:+:40797914-40797955	exon=> In CDS Exon 7 of transcript AGAP012343-PA
JHU_Ag_67325	WFLDGEFLK	AGAP012343-PA	-	41	0.000847 91	2	1154.587	-1.12	Pupa	3L:+:40798257-40798283	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_71086	GGKPVLDVVTPSWTVDPVGLDSR	AGAP012343-PA	-	39	0.001031 381	1	2394.265	-0.57	Ovary	3L:+:40798587-40798655	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_71552	LSLSHEAQTSR	AGAP012343-PA	-	59	1.28E-05	2	1228.631	2.1	Head	3L:+:40796449-40796481	exon=> In CDS Exon 1 of transcript AGAP012343-PA
JHU_Ag_72036	GSALIVDDVLER	AGAP012343-PA	-	42	0.000819 094	2	1286.696	0.46	Ovary	3L:+:40799351-40799386	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_72310	GSALIVDDVLER	AGAP012343-PA	-	74	5.81E-07	1	1286.695	-0.2	Midgut	3L:+:40799351-40799386	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_73146	LITEESSEMTSINTK	AGAP012343-PA	-	85	5.31E-08	2	1682.815	-0.16	Midgut	3L:+:40797348-40797392	exon=> In CDS Exon 5 of transcript AGAP012343-PA
JHU_Ag_73838	YEGGNPEQTALLIK	AGAP012343-PA	-	81	1.43E-07	2	1532.792	-2.54	Midgut	3L:+:40797914-40797955	exon=> In CDS Exon 7 of transcript AGAP012343-PA
JHU_Ag_74396	GGKPVLDVVTPSWTVDPVGLDSR	AGAP012343-PA	-	93	4.24E-09	1	2394.258	-3.56	Midgut	3L:+:40798587-40798655	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_77375	FTGESSTAGGSQIEPGEYENLPFHGLQTPPKK	AGAP012343-PA	-	65	3.43E-06	1	3403.649	1.49	Head	3L:+:40800031-40800031,40803170-40803264	exon=> In CDS Exon 12 and 13 of transcript AGAP012343-PA
JHU_Ag_77685	YEGGNPEQTALLIK	AGAP012343-PA	-	83	7.01E-08	2	1532.803	5.03	Larva	3L:+:40797914-40797955	exon=> In CDS Exon 7 of transcript AGAP012343-PA
JHU_Ag_80369	FTGESSTAGGSQIEPGEYENLPFHGLQTPPK	AGAP012343-PA	-	106	2.94E-10	1	3275.574	7.69	Head	3L:+:40800031-40800031,40803170-40803261	exon=> In CDS Exon 12 and 13 of transcript AGAP012343-PA
JHU_Ag_80571	STLSLTLSR	AGAP012343-PA	-	62	3.38E-06	2	977.562	-0.2	Midgut	3L:+:40796959-40796985	exon=> In CDS Exon 3 of transcript AGAP012343-PA
JHU_Ag_81189	GSALIVDDVLER	AGAP012343-PA	-	53	6.28E-05	2	1286.701	4.54	Malpighian tubule	3L:+:40799351-40799386	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_85593	TYLQNDGTFETISQMIFTATR	AGAP012343-PA	M15(Oxidation)	104	6.69E-10	2	2453.166	0.27	Midgut	3L:+:40797393-40797395,40797465-40797524	exon=> In CDS Exon 5 and 6 of transcript AGAP012343-PA
JHU_Ag_85862	VELACPIDIATCGELHSLK	AGAP012343-PA	C5(Carbamidomethyl), C12(Carbamidomethyl)	40	0.001532 914	1	2126.070	3.77	Head	3L:+:40796311-40796367	exon=> In CDS Exon 1 of transcript AGAP012343-PA
JHU_Ag_88411	DNLVVEEHNGLYTVK	AGAP012343-PA	N9(Deamidated)	111	1.26E-10	1	1730.868	4.68	Midgut	3L:+:40796848-40796848,40796915-40796958	exon=> In CDS Exon 2 and 3 of transcript AGAP012343-PA
JHU_Ag_88473	IKSDPYESYLTLDDAVSAMR	AGAP012343-PA	M19(Oxidation)	57	2.99E-05	1	2290.093	1.07	Midgut	3L:+:40799678-40799737	exon=> In CDS Exon 11 of transcript AGAP012343-PA
JHU_Ag_89314	YEGGNPEQTALLIK	AGAP012343-PA	-	77	3.11E-07	1	1532.797	0.89	Ovary	3L:+:40797914-40797955	exon=> In CDS Exon 7 of transcript AGAP012343-PA
JHU_Ag_93763	EGQDLQVVCEVYGARPEPVISWHR	AGAP012343-PA	C9(Carbamidomethyl)	123	6.99E-12	1	2824.382	-0.56	Midgut	3L:+:40796758-40796829	exon=> In CDS Exon 2 of transcript AGAP012343-PA
JHU_Ag_100338	FTGESSTAGGSQIEPGEYENLPFHGLQTPPK	AGAP012343-PA	-	38	0.001980 85	1	3275.564	4.56	Malpighian tubule	3L:+:40800031-40800031,40803170-40803261	exon=> In CDS Exon 12 and 13 of transcript AGAP012343-PA
JHU_Ag_101595	WFLDGEFLK	AGAP012343-PA	-	35	0.003576 09	1	1154.591	2.26	Visceras	3L:+:40798257-40798283	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_105798	WFLDGEFLK	AGAP012343-PA	-	41	0.000838 27	2	1154.588	0.15	Midgut	3L:+:40798257-40798283	exon=> In CDS Exon 8 of transcript AGAP012343-PA

JHU_Ag_106488	GSALIVDDVLER	AGAP012343-PA	-	49	0.000174716	2	1286.696	0.56	Male reproductive organs	3L:+:40799351-40799386	exon=> In CDS Exon 10 of transcript AGAP012343-PA
JHU_Ag_107218	GGKPVLDVVTPSWTVDPVGLDSR	AGAP012343-PA	-	86	1.68E-08	1	2394.276	3.94	Malpighian tubule	3L:+:40798587-40798655	exon=> In CDS Exon 8 of transcript AGAP012343-PA
JHU_Ag_55466	RPEPEQLNR	AGAP012344-PA	-	39	0.001435939	2	1138.601	4.04	Larva	3L:+:40811176-40811202	exon=> In CDS Exon 3 of transcript AGAP012344-PA
JHU_Ag_95646	WSVFDIVTR	AGAP012350-PA	-	54	6.39E-05	2	1122.593	-1.4	Ovary	3L:-:40902155-40902129	exon=> In CDS Exon 1 of transcript AGAP012350-PA
JHU_Ag_3568	LAGAGNTSTVGSNSSTHSSVFCIR	AGAP012354-PA	C22(Carbamidomethyl)	44	0.000564536	1	2410.136	-2.44	Head	3L:+:41015376-41015417,41015592-41015621	exon=> In CDS Exon 7 and 8 of transcript AGAP012354-PA
JHU_Ag_18755	LAVFDGVR	AGAP012357-PA	-	43	0.00054129	1	876.494	-0.22	Pupa	3L:+:41073440-41073463	exon=> In CDS Exon 3 of transcript AGAP012357-PA
JHU_Ag_23207	LAVFDGVR	AGAP012357-PA	-	42	0.000686167	2	876.494	-0.29	Visceras	3L:+:41073440-41073463	exon=> In CDS Exon 3 of transcript AGAP012357-PA
JHU_Ag_50159	TQLHLAEYSR	AGAP012357-PA	-	69	2.46E-06	1	1217.629	1.21	Malpighian tubule	3L:+:41071943-41071972	exon=> In CDS Exon 2 of transcript AGAP012357-PA
JHU_Ag_3634	SIAQLIK	AGAP012358-PB	Q4(Deamidated)	33	0.002268264	1	773.480	3.68	Malpighian tubule	3L:+:41078058-41078059,41088656-41088674	exon=> In CDS Exon 3 and 4 of transcript AGAP012358-PB
JHU_Ag_72794	SIAQLIK	AGAP012358-PB	Q4(Deamidated)	35	0.00135534	1	773.476	-0.58	Head	3L:+:41078058-41078059,41088656-41088674	exon=> In CDS Exon 3 and 4 of transcript AGAP012358-PB
JHU_Ag_3494	DVANIFLEHYCNHGVLLCEK	AGAP012362-PA	C11(Carbamidomethyl), C18(Carbamidomethyl)	36	0.003992899	1	2431.150	-1.22	Ovary	3L:+:41103791-41103850	exon=> In CDS Exon 1 of transcript AGAP012362-PA
JHU_Ag_35363	TLVAAGSFGAEPKLEELLR	AGAP012362-PA	-	51	4.57E-05	1	2001.111	4.74	Malpighian tubule	3L:+:41102996-41103052	exon=> In CDS Exon 1 of transcript AGAP012362-PA
JHU_Ag_51662	NYGSALDWAISSR	AGAP012362-PA	-	49	0.000176772	2	1439.688	-2.1	Visceras	3L:+:41103734-41103772	exon=> In CDS Exon 1 of transcript AGAP012362-PA
JHU_Ag_60777	YGLAEGSNKPIDYVK	AGAP012362-PA	-	46	0.000280535	1	1653.855	4.31	Malpighian tubule	3L:+:41102456-41102500	exon=> In CDS Exon 1 of transcript AGAP012362-PA
JHU_Ag_98663	GLVLQGQTTIAR	AGAP012362-PA	-	62	3.67E-06	2	1256.736	3.35	Malpighian tubule	3L:+:41102810-41102845	exon=> In CDS Exon 1 of transcript AGAP012362-PA
JHU_Ag_103159	ELDKQDSYWPVVK	AGAP012362-PA	-	39	0.002337353	1	1606.816	3.11	Malpighian tubule	3L:+:41102771-41102809	exon=> In CDS Exon 1 of transcript AGAP012362-PA
JHU_Ag_1175	VTQLETVK	AGAP012364-PA	-	54	4.58E-05	2	917.534	3.66	Male reproductive organs	3L:-:41120263-41120240	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_1656	YPAQETYDIK	AGAP012364-PA	-	63	5.65E-06	2	1227.590	0.25	Male reproductive organs	3L:-:41120561-41120729,41119880-41120453	exon=> In CDS Exon 2 and 1 of transcript AGAP012364-PA
JHU_Ag_5392	YSEEALKLNDGDFAAHK	AGAP012364-PA	-	133	8.82E-13	1	1907.913	-0.34	Male reproductive organs	3L:-:41120368-41120318	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_8054	VTFSLSKPAPSPR	AGAP012364-PA	-	89	1.21E-08	1	1386.775	0.66	Male reproductive organs	3L:-:41120437-41120399	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_26765	LNDGDFAAHK	AGAP012364-PA	-	81	8.63E-08	1	1087.519	2.15	Male reproductive organs	3L:-:41120347-41120318	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_30132	VTFSLSKPAPSPR	AGAP012364-PA	-	57	1.75E-05	1	1386.778	2.77	Salivary gland	3L:-:41120437-41120399	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_32538	KIVSTIFATPPTGTYEQALECFEK	AGAP012364-PA	C21(Carbamidomethyl)	110	1.46E-10	1	2730.370	0.29	Male reproductive organs	3L:-:41120134-41120063	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_42662	AEATQPSFYSMNHLMLAK	AGAP012364-PA	M11(Oxidation), M15(Oxidation)	46	0.000384824	1	2070.974	5.55	Head	3L:-:41120062-41120009	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_44448	SSLEGIKER	AGAP012364-PA	-	52	8.39E-05	1	1018.554	1.12	Male reproductive organs	3L:-:41120290-41120264	exon=> In CDS Exon 2 of transcript AGAP012364-PA

JHU_Ag_46300	SSLEGIK	AGAP012364-PA	-	46	0.000465465	2	733.410	1.86	Male reproductive organs	3L:-:41120290-41120270	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_48303	WYSILLDAK	AGAP012364-PA	-	46	0.00024913	2	1108.606	1.8	Male reproductive organs	3L:-:41120317-41120291	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_56515	VTFSLSKPAPSPR	AGAP012364-PA	-	76	2.48E-07	1	1386.775	0.47	Malpighian tubule	3L:-:41120437-41120399	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_64161	VTFSLSKPAPSPR	AGAP012364-PA	-	69	1.07E-06	1	1386.775	0.39	Pupa	3L:-:41120437-41120399	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_77519	AEATQPSFYSMNHLMLAK	AGAP012364-PA	M11(Oxidation), M15(Oxidation)	51	0.000103996	1	2070.961	-0.9	Male reproductive organs	3L:-:41120062-41120009	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_82914	LNDGDFAAHK	AGAP012364-PA	-	68	1.77E-06	1	1087.517	0.47	Head	3L:-:41120347-41120318	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_89649	IVSTIFATPPTGTYEQALECFEK	AGAP012364-PA	C20(Carbamidomethyl)	78	2.39E-07	1	2602.281	2.3	Male reproductive organs	3L:-:41120131-41120063	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_104258	YSEEALK	AGAP012364-PA	-	44	0.000400242	2	839.417	2.75	Male reproductive organs	3L:-:41120368-41120348	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_104835	TLSETIQHADQLFDENNFQEAYDLLQK	AGAP012364-PA	-	128	2.71E-12	1	3210.515	-2.32	Male reproductive organs	3L:-:41120642-41120562	exon=> In CDS Exon 1 of transcript AGAP012364-PA
JHU_Ag_116948	YSEEALKLNDGDFAAHK	AGAP012364-PA	-	57	3.02E-05	1	1907.911	-1.3	Salivary gland	3L:-:41120368-41120318	exon=> In CDS Exon 2 of transcript AGAP012364-PA
JHU_Ag_69264	APVESVPDVPDPAHTTVDVESLR	AGAP012366-PA	-	60	1.22E-05	1	2430.224	3.81	Head	3L:-:41130353-41130285	exon=> In CDS Exon 2 of transcript AGAP012366-PA
JHU_Ag_19790	AADIYGIPR	AGAP012369-PA	-	44	0.000806106	2	975.525	-0.86	Ovary	3L:-:41142465-41142439	exon=> In CDS Exon 2 of transcript AGAP012369-PA
JHU_Ag_22592	SDSIHTITYDGQDHHLVIK	AGAP012372-PA	-	74	6.65E-07	1	2179.076	-0.91	Head	3L:-:41161361-41161305	exon=> In CDS Exon 6 of transcript AGAP012372-PA
JHU_Ag_109314	LTDNVEITNPMYLGDADEGPAFVHEDDK	AGAP012372-PA	M11(Oxidation)	107	2.02E-10	1	3121.405	3.55	Head	3L:-:41151387-41151304	exon=> In CDS Exon 12 of transcript AGAP012372-PA
JHU_Ag_14000	VAIQYVSPLNPK	AGAP012373-PA	-	51	6.31E-05	2	1328.759	0.96	Ovary	3L:+:41232323-41232358	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_23961	KAPTGYALGSIEGR	AGAP012373-PA	-	49	0.000159638	1	1419.760	0.91	Malpighian tubule	3L:+:41232281-41232322	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_27123	SSETLDQSITK	AGAP012373-PA	-	75	5.63E-07	2	1208.600	-0.62	Ovary	3L:+:41232524-41232556	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_34573	VAIQYVSPLNPK	AGAP012373-PA	-	81	6.26E-08	2	1328.757	-0.32	Midgut	3L:+:41232323-41232358	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_41201	APTGYALGSIEGR	AGAP012373-PA	-	59	1.97E-05	2	1291.664	-0.13	Malpighian tubule	3L:+:41232284-41232322	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_41283	HVLIYSLENKPTQFK	AGAP012373-PA	-	42	0.000458307	1	1816.995	-0.31	Midgut	3L:+:41232176-41232220	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_50748	HVLIYSLENKPTQFK	AGAP012373-PA	-	109	7.32E-11	1	1817.001	2.96	Head	3L:+:41232176-41232220	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_61376	TPQPMMSIQLPER	AGAP012373-PA	M5(Oxidation), M6(Oxidation)	74	6.11E-07	1	1559.755	-0.27	Ovary	3L:+:41232083-41232121	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_71319	VAIQYVSPLNPK	AGAP012373-PA	-	73	3.58E-07	2	1328.757	-0.41	Male reproductive organs	3L:+:41232323-41232358	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_78580	TYIFLR	AGAP012373-PA	-	40	0.000584994	2	812.466	-0.58	Midgut	3L:+:41232647-41232664	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_96230	HVLIYSLENKPTQFK	AGAP012373-PA	-	106	1.21E-10	1	1817.006	5.85	Ovary	3L:+:41232176-41232220	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_103718	KAPTGYALGSIEGR	AGAP012373-PA	-	81	1.02E-07	1	1419.759	-0.11	Midgut	3L:+:41232281-41232322	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_110616	TYIFLR	AGAP012373-PA	-	37	0.00112759	1	812.467	0.25	Ovary	3L:+:41232647-41232664	exon=> In CDS Exon 1 of transcript AGAP012373-PA
JHU_Ag_1910	GLKDPWLR	AGAP012374-PA	-	29	0.006128494	1	984.566	3	Malpighian tubule	3L:-:41233135-41233112	exon=> In CDS Exon 1 of transcript AGAP012374-PA

JHU_Ag_4181	VADAPELVEVER	AGAP012374-PA	-	94	4.33E-09	1	1326.691	0.87	Ovary	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_9151	VPDASIYK	AGAP012374-PA	-	46	0.000428076	1	892.476	-1.86	Head	3L:-:41233210-41233187	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_14069	GHGHGHGPPYKVPDASIYK	AGAP012374-PA	-	79	2.30E-07	1	2017.006	1.15	Visceras	3L:-:41233243-41233187	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_16236	GHGHGHGPPYKVPDASIYK	AGAP012374-PA	-	76	3.81E-07	1	2017.009	2.27	Malpighian tubule	3L:-:41233243-41233187	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_35655	VADAPELVEVER	AGAP012374-PA	-	81	8.74E-08	2	1326.690	-0.05	Pupa	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_35814	GHGHGHGPPYKVPDASIYK	AGAP012374-PA	-	69	2.28E-06	1	2017.002	-0.9	Midgut	3L:-:41233243-41233187	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_36405	LITFLFK	AGAP012374-PA	-	49	1.59E-05	2	881.551	2.15	Malpighian tubule	3L:-:41233060-41233040	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_36902	LITFLFK	AGAP012374-PA	-	26	0.003196067	1	881.553	3.97	Visceras	3L:-:41233060-41233040	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_43422	VADAPELVEVER	AGAP012374-PA	-	111	9.21E-11	1	1326.693	2.44	Malpighian tubule	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_53640	LITFLFK	AGAP012374-PA	-	47	2.37E-05	2	881.551	1.11	Midgut	3L:-:41233060-41233040	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_58304	VADAPELVEVER	AGAP012374-PA	-	101	8.18E-10	2	1326.690	-0.42	Midgut	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_59164	GLKDPWLR	AGAP012374-PA	-	38	0.0008838	1	984.564	1.27	Visceras	3L:-:41233135-41233112	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_60269	VADAPELVEVER	AGAP012374-PA	-	73	6.46E-07	2	1326.690	0.14	Male reproductive organs	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_64235	VADAPELVEVER	AGAP012374-PA	-	109	1.39E-10	1	1326.691	0.78	Head	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_69712	GLKDPWLR	AGAP012374-PA	-	38	0.001167011	1	984.562	-0.59	Midgut	3L:-:41233135-41233112	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_73615	VPDASIYK	AGAP012374-PA	-	43	0.000693963	1	892.479	1.9	Visceras	3L:-:41233210-41233187	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_77058	LITFLFK	AGAP012374-PA	-	38	0.000199387	2	881.549	-0.2	Head	3L:-:41233060-41233040	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_84376	VADAPELVEVER	AGAP012374-PA	-	106	3.01E-10	2	1326.688	-1.52	Visceras	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_94258	LITFLFK	AGAP012374-PA	-	43	5.44E-05	1	881.549	-0.41	Ovary	3L:-:41233060-41233040	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_105349	VADAPELVEVER	AGAP012374-PA	-	86	2.73E-08	1	1326.690	-0.14	Salivary gland	3L:-:41233186-41233151	exon=> In CDS Exon 1 of transcript AGAP012374-PA
JHU_Ag_2569	IGLVETDKNDRPVEPVK	AGAP012376-PA	-	42	0.000437342	1	1909.038	-0.73	Midgut	3L:+:41237057-41237107	exon=> In CDS Exon 2 of transcript AGAP012376-PA
JHU_Ag_30714	IGLVETDKNDRPVEPVK	AGAP012376-PA	-	45	0.000180028	1	1909.040	0.71	Malpighian tubule	3L:+:41237057-41237107	exon=> In CDS Exon 2 of transcript AGAP012376-PA
JHU_Ag_31267	DFMVQGGDPTGTGR	AGAP012376-PA	M3(Oxidation)	48	0.000140954	2	1453.639	0.86	Head	3L:+:41236808-41236849	exon=> In CDS Exon 2 of transcript AGAP012376-PA
JHU_Ag_47470	RLEDLR	AGAP012377-PA	-	34	0.00820938	1	801.455	-3.28	Head	3L:+:41239916-41239933	exon=> In CDS Exon 7 of transcript AGAP012377-PA
JHU_Ag_116979	RLEDLR	AGAP012377-PA	-	41	0.001715183	2	801.456	-2.23	Salivary gland	3L:+:41239916-41239933	exon=> In CDS Exon 7 of transcript AGAP012377-PA
JHU_Ag_1852	ANDVQFIFFPECCDYVGTHRDETLK	AGAP012379-PA	C12(Carbamidomethyl), C13(Carbamidomethyl)	53	6.73E-05	1	3061.386	1.16	Head	3L:-:41350241-41350424,41349793-41350108	exon=> In CDS Exon 2 and 1 of transcript AGAP012379-PA
JHU_Ag_4402	RDDVYNLSTR	AGAP012379-PA	-	50	0.000147005	1	1238.611	-0.85	Head	3L:-:41349381-41349352	exon=> In CDS Exon 3 of transcript AGAP012379-PA

JHU_Ag_4607	LSEPLTGPTVQR	AGAP012379-PA	-	51	6.11E-05	2	1297.713	1.7	Malpighian tubule	3L:-:41350107-41350072	exon=> In CDS Exon 2 of transcript AGAP012379-PA
JHU_Ag_14625	LSEPLTGPTVQR	AGAP012379-PA	-	32	0.004719214	2	1297.711	-0.09	Head	3L:-:41350107-41350072	exon=> In CDS Exon 2 of transcript AGAP012379-PA
JHU_Ag_66674	EQNVWLSFGGVHESIIEETESGQEVK	AGAP012379-PA	-	33	0.006420579	1	2931.413	4.12	Head	3L:-:41350053-41349976	exon=> In CDS Exon 2 of transcript AGAP012379-PA
JHU_Ag_68376	HVGDFPENDQIYGELNR	AGAP012379-PA	-	68	1.87E-06	2	2002.916	-4.49	Malpighian tubule	3L:-:41348942-41348892	exon=> In CDS Exon 4 of transcript AGAP012379-PA
JHU_Ag_75422	HVGDFPENDQIYGELNR	AGAP012379-PA	-	96	3.50E-09	1	2002.926	0.14	Head	3L:-:41348942-41348892	exon=> In CDS Exon 4 of transcript AGAP012379-PA
JHU_Ag_15687	FLILPDMLK	AGAP012380-PA	M7(Oxidation)	58	1.10E-05	1	1105.633	0.52	Ovary	3L:-:41351331-41351305	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_38196	VGNLENVYIR	AGAP012380-PA	-	52	7.82E-05	2	1176.640	2.34	Ovary	3L:-:41351376-41351347	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_43118	SIGVPIK	AGAP012380-PA	N-Term(Acetyl)	38	0.000617249	1	755.466	0.22	Head	3L:-:41351535-41351515	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_45494	SIGVPIK	AGAP012380-PA	N-Term(Acetyl)	41	0.000160973	1	755.466	-0.27	Midgut	3L:-:41351535-41351515	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_58527	VLHEAEGHVVTCETITGEVYR	AGAP012380-PA	C12(Carbamidomethyl)	46	0.000441412	3	2399.183	7.04	Ovary	3L:-:41351514-41351452	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_59076	VGNLENVYIR	AGAP012380-PA	-	79	1.72E-07	1	1176.636	-0.78	Midgut	3L:-:41351376-41351347	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_67023	VLHEAEGHVVTCETITGEVYR	AGAP012380-PA	C12(Carbamidomethyl)	33	0.008378493	1	2399.183	6.96	Midgut	3L:-:41351514-41351452	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_72690	VGNLENVYIR	AGAP012380-PA	-	75	4.38E-07	2	1176.636	-0.67	Male reproductive organs	3L:-:41351376-41351347	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_106289	FLILPDMLK	AGAP012380-PA	M7(Oxidation)	35	0.002005875	1	1105.628	-4.05	Midgut	3L:-:41351331-41351305	exon=> In CDS Exon 1 of transcript AGAP012380-PA
JHU_Ag_75098	GAIHEVLK	AGAP012387-PA	-	32	0.003617377	1	866.509	-0.79	Midgut	3L:-:41487762-41487739	exon=> In CDS Exon 1 of transcript AGAP012387-PA
JHU_Ag_95487	QIVAQLLAIK	AGAP012388-PA	-	23	0.001803267	2	1096.721	11.46	Viscera	3L:-:41540199-41540170	exon=> In CDS Exon 1 of transcript AGAP012388-PA
JHU_Ag_10395	RLLPGTR	AGAP012391-PA	-	37	0.000771423	2	812.510	-0.55	Male reproductive organs	3L:+:41700685-41700705	exon=> In CDS Exon 2 of transcript AGAP012391-PA
JHU_Ag_25892	DTRWVEIIK	AGAP012391-PA	-	35	0.006169683	1	1159.631	-13.7	Head	3L:+:41700649-41700675	exon=> In CDS Exon 2 of transcript AGAP012391-PA
JHU_Ag_79484	VATEHAHDQAGR	AGAP012394-PA,AGAP012395-PA	-	51	0.00011622	1	1291.618	2.91	Viscera	3L:-:41711470-41711473,41711183-41711359;3L:+:41712279-41712287,41712364-41712390	exon=> In CDS Exon 2 and 1 of transcript AGAP012394-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012395-PA
JHU_Ag_98675	RAPEQIITEIAPAGPFYPAENYHQK	AGAP012394-PA,AGAP012395-PA	-	43	0.000671591	1	2840.417	-7.08	Head	3L:-:41710892-41711091,41710273-41710495;3L:+:41712857-41712918,41713242-41713254	exon=> In CDS Exon 4 and 3 of transcript AGAP012394-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP012395-PA
JHU_Ag_25	SGILFEDIFNVK	AGAP012397-PA	N-Term(Acetyl)	105	3.93E-10	1	1423.747	0.38	Ovary	3L:-:41721031-41720996	exon=> In CDS Exon 1 of transcript AGAP012397-PA
JHU_Ag_51489	LVLATTLHEDGTAASMEYNAAEIEGSR	AGAP012397-PA	M16(Oxidation)	110	1.38E-10	1	2865.363	1.85	Ovary	3L:-:41720863-41721034,41720478-41720679	exon=> In CDS Exon 2 and 1 of transcript AGAP012397-PA

JHU_Ag_110797	ADSFEYVMFGK	AGAP012397-PA	M8(Oxidation)	43	0.000541502	2	1309.579	1.85	Ovary	3L:-:41720678-41720646	exon=> In CDS Exon 2 of transcript AGAP012397-PA
JHU_Ag_113326	ADSFEYVMFGK	AGAP012397-PA	-	36	0.002725164	2	1293.582	-0.08	Midgut	3L:-:41720678-41720646	exon=> In CDS Exon 2 of transcript AGAP012397-PA
JHU_Ag_21789	VLEDLIIEAIYADVIHGK	AGAP012398-PA	-	108	6.47E-11	1	2011.113	0.79	Ovary	3L:+:41722438-41722491	exon=> In CDS Exon 2 of transcript AGAP012398-PA
JHU_Ag_81605	CIPYNELLDELDIK	AGAP012398-PA	C1(Carbamidomethyl)	46	0.000484215	2	1734.861	-0.67	Ovary	3L:+:41722387-41722428	exon=> In CDS Exon 2 of transcript AGAP012398-PA
JHU_Ag_10256	IIMAETYSPIDIVMK	AGAP012399-PA	M3(Oxidation),M14(Oxidation)	88	1.81E-08	2	1723.904	1.95	Pupa	3L:-:41724498-41724454	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_14307	NPAVVEAMKDVMR	AGAP012399-PA	M8(Oxidation), M12(Oxidation)	58	2.89E-05	1	1491.733	2.47	Larva	3L:-:41724780-41724742	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_16786	AVLDEFQQQYGVR	AGAP012399-PA	-	112	1.00E-10	1	1552.781	3.42	Larva	3L:-:41724543-41724505	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_34239	SAVFYQIYPR	AGAP012399-PA	-	55	5.01E-05	1	1243.648	0.89	Pupa	3L:-:41725299-41725270	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_35467	IQPEYGTMADFDAMLK	AGAP012399-PA	M8(Oxidation), M14(Oxidation)	65	3.79E-06	1	1861.844	5.18	Larva	3L:-:41725110-41725063	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_40816	AVLDEFQQQYGVR	AGAP012399-PA	-	101	1.15E-09	1	1552.776	0.12	Pupa	3L:-:41724543-41724505	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_43649	ANDLNMEVILDFVPNHTSDEHEWFK	AGAP012399-PA	M6(Oxidation)	81	1.04E-07	1	3016.393	4.78	Larva	3L:-:41725059-41724985	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_53290	IIMAETYSPIDIVMK	AGAP012399-PA	M3(Oxidation), M14(Oxidation)	116	3.12E-11	1	1755.897	3.68	Larva	3L:-:41724498-41724454	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_65666	IQPEYGTMADFDAMLK	AGAP012399-PA	-	35	0.004204577	2	1829.851	3.25	Pupa	3L:-:41725110-41725063	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_67127	TPFQWDSSK	AGAP012399-PA	-	50	0.000107198	2	1095.513	2.63	Larva	3L:-:41723938-41723912	exon=> In CDS Exon 3 of transcript AGAP012399-PA
JHU_Ag_71334	NPAVVEAMK	AGAP012399-PA	-	67	2.52E-06	1	958.502	-0.96	Pupa	3L:-:41724780-41724754	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_81304	EYYLHQFSVK	AGAP012399-PA	-	66	2.95E-06	1	1313.658	3.93	Larva	3L:-:41724831-41724802	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_82877	SAVFYQIYPR	AGAP012399-PA	-	35	0.005214199	1	1243.646	-0.58	Midgut	3L:-:41725299-41725270	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_83412	SFMDSNGDGIGDLCGITSR	AGAP012399-PA	N6(Deamidated), C14(Carbamidomethyl)	36	0.001384063	2	2002.855	3.35	Pupa	3L:-:41725269-41725213	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_99522	SFMDSNGDGIGDLCGITSR	AGAP012399-PA	M3(Oxidation), N6(Deamidated), C14(Carbamidomethyl)," M3(Oxidation), C14(Carbamidomethyl)"	141	4.51E-14	1	2018.850	3.18	Larva	3L:-:41725269-41725213	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_110744	TPFQWDSSK	AGAP012399-PA	-	53	5.71E-05	1	1095.510	-0.93	Pupa	3L:-:41723938-41723912	exon=> In CDS Exon 3 of transcript AGAP012399-PA
JHU_Ag_113174	SAVFYQIYPR	AGAP012399-PA	-	71	1.05E-06	1	1243.655	6.09	Larva	3L:-:41725299-41725270	exon=> In CDS Exon 1 of transcript AGAP012399-PA
JHU_Ag_850	SFQDSNGDGIGDLNGIK	AGAP012400-PA	N14(Deamidated)	108	2.80E-10	2	1736.816	4.13	Malpighian tubule	3L:+:41726103-41726153	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_1066	ASDFQTVINSWLDIIPPGHTPNWVLGNHDKR	AGAP012400-PA	-	87	1.81E-08	1	3527.777	-1.36	Midgut	3L:+:41727067-41727138,41727222-41727242	exon=> In CDS Exon 2 and 3 of transcript AGAP012400-PA
JHU_Ag_3390	FWLDQGVDGFR	AGAP012400-PA	-	63	7.39E-06	1	1339.644	0.79	Ovary	3L:+:41726710-41726742	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_10099	SLGMTAFWLSPIYPSPMADFGYDISNFMDIHPSFGTLADFK	AGAP012400-PA	M17(Oxidation), M28(Oxidation)	58	1.30E-05	1	4619.113	-3.3	Midgut	3L:+:41726175-41726297	exon=> In CDS Exon 1 of transcript AGAP012400-PA

JHU_Ag_13624	DWWESASFYQIYPR	AGAP012400-PA	-	40	0.001333101	2	1847.845	3.29	Midgut	3L:+:41726061-41726102	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_14992	GTNTLIWGSFK	AGAP012400-PA	N3(Deamidated)	72	8.59E-07	2	1223.637	-4.14	Midgut	3L:+:41727612-41727644	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_17733	QGSQMPFNFQLIMR	AGAP012400-PA	M5(Oxidation),"M5(Oxidation), M13(Oxidation)","M5(Oxidation), N8(Deamidated), M13(Oxidation)","M5(Oxidation), Q10(Deamidated), M13(Oxidation)",M13(Oxidation)	76	3.74E-07	2	1696.829	-0.29	Midgut	3L:+:41727007-41727048	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_19742	QPDLNYRNPAVVQAMK	AGAP012400-PA	M15(Oxidation)	58	1.95E-05	1	1843.949	0.2	Midgut	3L:+:41726650-41726697	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_24554	QFYLHQFHK	AGAP012400-PA	-	43	0.000959984	1	1247.632	0.24	Midgut	3L:+:41726620-41726646	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_26066	LDNSLPNELVFR	AGAP012400-PA	-	46	0.00040674	2	1416.747	-1.12	Malpighian tubule	3L:+:41727762-41727797	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_26389	LDNSLPNELVFR	AGAP012400-PA	N7(Deamidated),N3(Deamidated)	103	8.59E-10	1	1417.733	0.77	Midgut	3L:+:41727762-41727797	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_27273	QLVEEAKK	AGAP012400-PA	-	41	0.00134949	1	944.541	-0.55	Midgut	3L:+:41726298-41726321	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_31044	TQQESAQNSHIK	AGAP012400-PA	N8(Deamidated),Q2(Deamidated),Q3(Deamidated)	71	9.59E-07	1	1370.669	2.06	Midgut	3L:+:41727549-41727584	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_31767	SEIIDATKLDNSLPNELVFR	AGAP012400-PA	-	62	6.94E-06	1	2274.207	3.87	Malpighian tubule	3L:+:41727738-41727797	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_31890	SEIIDATKLDNSLPNELVFR	AGAP012400-PA	N11(Deamidated)	118	2.03E-11	2	2274.203	2.4	Midgut	3L:+:41727738-41727797	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_34655	ASDFQTVINSWLDIIPPGHTPNWVLGNHDK	AGAP012400-PA	N9(Deamidated)	111	9.77E-11	1	3371.681	-0.03	Midgut	3L:+:41727067-41727138,41727222-41727239	exon=> In CDS Exon 2 and 3 of transcript AGAP012400-PA
JHU_Ag_36521	DPPNNWVAAWYGSAWEWNDER	AGAP012400-PA	-	101	4.60E-10	1	2563.107	0.18	Midgut	3L:+:41726460-41726477,41726572-41726616	exon=> In CDS Exon 1 and 2 of transcript AGAP012400-PA
JHU_Ag_41502	LDNSLPNELVFR	AGAP012400-PA	-	45	0.000529635	2	1416.750	1.12	Visceras	3L:+:41727762-41727797	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_51524	NPAVVQAMK	AGAP012400-PA	M8(Oxidation)	59	1.15E-05	1	957.518	-0.95	Midgut	3L:+:41726671-41726697	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_56082	FWLDQGVDGFR	AGAP012400-PA	-	65	4.57E-06	2	1339.644	0.52	Visceras	3L:+:41726710-41726742	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_68339	VSGYEDYYVWQDPKPGTER	AGAP012400-PA	-	126	2.65E-12	1	2289.041	-2.07	Midgut	3L:+:41726403-41726459	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_69783	SLVLGENVYAILR	AGAP012400-PA	N7(Deamidated)	109	4.25E-11	2	1446.833	1.04	Midgut	3L:+:41727645-41727683	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_70352	SRLPYLK	AGAP012400-PA	-	25	0.01214476	1	876.530	-0.55	Midgut	3L:+:41726154-41726174	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_71228	FWLDQGVDGFR	AGAP012400-PA	-	79	1.63E-07	1	1339.643	-0.12	Midgut	3L:+:41726710-41726742	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_74010	NPAVVQAMKDVLR	AGAP012400-PA	M8(Oxidation)	118	1.11E-11	1	1440.799	-0.33	Midgut	3L:+:41726671-41726709	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_78011	VFKELMNLR	AGAP012400-PA	M6(Oxidation)	39	0.00084105	1	1165.640	-0.14	Midgut	3L:+:41727585-41727611	exon=> In CDS Exon 3 of transcript AGAP012400-PA

JHU_Ag_78122	SFQDSNGDGIGDLNGIK	AGAP012400-PA	N6(Deamidated), N14(Deamidated),"Q3(Deamidated), N14(Deamidated)",N6(Deamidated),N14(Deamidated)	139	1.13E-13	2	1738.775	-0.94	Midgut	3L:+:41726103-41726153	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_83584	NPAVVQAMK	AGAP012400-PA	Q6(Deamidated)	67	2.52E-06	1	958.502	-0.96	Pupa	3L:+:41726671-41726697	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_88689	SLVLGENVYAILR	AGAP012400-PA	-	102	2.21E-10	1	1446.838	4.75	Malpighian tubule	3L:+:41727645-41727683	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_92768	SEIIDATK	AGAP012400-PA	-	40	0.001787197	1	876.467	-0.26	Midgut	3L:+:41727738-41727761	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_95148	IILDFVPNHSSDEHEWFK	AGAP012400-PA	N8(Deamidated)	103	8.35E-10	1	2213.067	0.3	Midgut	3L:+:41726334-41726387	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_98184	GTNTLIWGSFK	AGAP012400-PA	-	57	2.23E-05	2	1223.640	-1.24	Ovary	3L:+:41727612-41727644	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_101109	TYVVLANIGSK	AGAP012400-PA	-	74	2.36E-07	1	1164.662	-0.72	Midgut	3L:+:41727705-41727737	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_101181	IILDFVPNHSSDEHEWFKK	AGAP012400-PA	-	86	4.10E-08	1	2341.160	-0.66	Midgut	3L:+:41726334-41726390	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_101321	TYFNDSNNR	AGAP012400-PA	-	46	0.000117547	1	1130.486	-0.34	Midgut	3L:+:41726980-41727006	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_103923	RTYVVLANIGSK	AGAP012400-PA	-	83	1.16E-08	1	1320.762	-1.27	Midgut	3L:+:41727702-41727737	exon=> In CDS Exon 3 of transcript AGAP012400-PA
JHU_Ag_110319	VSGYEDYYVWQDPKPGTER	AGAP012400-PA	-	69	1.35E-06	1	2289.051	2.08	Visceras	3L:+:41726403-41726459	exon=> In CDS Exon 1 of transcript AGAP012400-PA
JHU_Ag_113036	VLMTEAWSSLDVVK	AGAP012400-PA	M3(Oxidation)	103	8.13E-10	1	1577.824	-0.19	Midgut	3L:+:41726938-41726979	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_114674	ELMDQYK	AGAP012400-PA	M3(Oxidation)	42	0.000333464	1	942.423	-0.3	Midgut	3L:+:41726893-41726913	exon=> In CDS Exon 2 of transcript AGAP012400-PA
JHU_Ag_45149	KQPDLNYR	AGAP012400-PA,AGAP002102-PA,AGAP008963-PA	-	42	0.001165953	1	1033.543	0.1	Salivary gland	3L:+:41726647-41726670;2R:+:15436250-15436273;3R:-:22246443-22246420	exon=> In CDS Exon 2 of transcript AGAP012400-PA;exon=> In CDS Exon 2 of transcript AGAP002102-PA;exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_89883	KQPDLNYR	AGAP012400-PA,AGAP002102-PA,AGAP008963-PA	-	38	0.002800923	2	1033.542	-0.49	Midgut	3L:+:41726647-41726670;2R:+:15436250-15436273;3R:-:22246443-22246420	exon=> In CDS Exon 2 of transcript AGAP012400-PA;exon=> In CDS Exon 2 of transcript AGAP002102-PA;exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_117593	QPDLNYR	AGAP012400-PA,AGAP012401-PA,AGAP002102-PA,AGAP012399-PA,AGAP008963-PA	-	44	0.000587919	1	905.448	0.12	Midgut	3L:+:41726650-41726670;3L:+:41729756-41729776;2R:+:15436253-15436273;3L:-:41724801-41724781;3R:-:22246440-22246420	exon=> In CDS Exon 2 of transcript AGAP012400-PA;exon=> In CDS Exon 1 of transcript AGAP012401-PA;exon=> In CDS Exon 2 of transcript AGAP002102-PA;exon=> In CDS Exon 1 of transcript AGAP012399-PA;exon=> In CDS Exon 2 of transcript AGAP008963-PA
JHU_Ag_11335	SVQKDPTYSDYYVWHPGK	AGAP012401-PA	-	137	2.81E-13	1	2170.025	0.42	Midgut	3L:+:41729585-41729638	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_13867	LILDFVPNHSSDESEWFLK	AGAP012401-PA	-	46	0.000388061	1	2276.127	1.76	Visceras	3L:+:41729528-41729584	exon=> In CDS Exon 1 of transcript AGAP012401-PA

JHU_Ag_15182	FSNWVLGNHDNK	AGAP012401-PA	-	49	0.000166759	1	1430.684	1.97	Midgut	3L:+:41730239-41730253,41730337-41730357	exon=> In CDS Exon 1 and 2 of transcript AGAP012401-PA
JHU_Ag_16662	SPMADFGYDIADFR	AGAP012401-PA	M3(Oxidation)	93	3.21E-09	1	1620.702	1.3	Visceras	3L:+:41729411-41729452	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_23438	DIHSEFGTIADLEALATACNAEGLK	AGAP012401-PA	C19(Carbamidomethyl)	41	0.001115239	3	2646.279	2.9	Visceras	3L:+:41729453-41729527	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_24215	SPMADFGYDIADFRDIHSEFGTIADLEALATACNAEGLK	AGAP012401-PA	M3(Oxidation), C33(Carbamidomethyl)	58	1.11E-05	1	4247.957	0.67	Midgut	3L:+:41729411-41729527	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_24412	NPALVQEMK	AGAP012401-PA	M8(Oxidation)	72	9.26E-07	1	1045.534	-0.4	Midgut	3L:+:41729777-41729803	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_24905	IDAVPYLFESLPVNGVYPDEEK	AGAP012401-PA	-	72	8.77E-07	1	2494.250	4.57	Visceras	3L:+:41729849-41729914	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_25831	RELGIDAIWLSPIFK	AGAP012401-PA	-	102	3.41E-10	1	1757.995	-0.16	Midgut	3L:+:41729366-41729410	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_26664	VPPSNWVSVFR	AGAP012401-PA	N5(Deamidated)	87	2.79E-08	1	1287.681	-2.75	Midgut	3L:+:41729660-41729692	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_30539	NPALVQEMK	AGAP012401-PA	Q6(Deamidated),"Q6(Deamidated), M8(Oxidation)"	62	7.19E-06	1	1030.522	-1.51	Salivary gland	3L:+:41729777-41729803	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_33218	WLDVVPENR	AGAP012401-PA	-	47	0.000171887	1	1127.585	0.14	Midgut	3L:+:41730212-41730238	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_33805	DTIDPAACNSNPK	AGAP012401-PA	C8(Carbamidomethyl)	87	1.74E-08	2	1402.628	0.59	Head	3L:+:41730487-41730525	exon=> In CDS Exon 2 of transcript AGAP012401-PA
JHU_Ag_40935	ELGIDAIWLSPIFK	AGAP012401-PA	-	96	1.64E-09	1	1601.896	1.57	Midgut	3L:+:41729369-41729410	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_41976	KEYYLHQFLVK	AGAP012401-PA	-	83	4.03E-08	1	1467.799	-0.25	Midgut	3L:+:41729723-41729755	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_44697	SFKDSDGDGVGDLR	AGAP012401-PA	-	91	8.12E-09	1	1467.669	-1.78	Midgut	3L:+:41729294-41729335	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_47058	LILDFVPNHSSDESEWFLK	AGAP012401-PA	N8(Deamidated)	104	6.92E-10	1	2276.119	-2.18	Midgut	3L:+:41729528-41729584	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_48825	VPPSNWVSVFR	AGAP012401-PA	-	57	2.90E-05	2	1287.687	1.62	Visceras	3L:+:41729660-41729692	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_50238	VVDDFKQQTQSEDIVLMAEAYTPLLNIIR	AGAP012401-PA	M17(Oxidation)	45	0.000246071	1	3365.738	2.45	Midgut	3L:+:41730014-41730100	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_56375	DPTYSDYYVWHPGK	AGAP012401-PA	-	111	8.06E-11	1	1727.779	5.1	Midgut	3L:+:41729597-41729638	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_61454	DTTGQQFYDNIK	AGAP012401-PA	-	83	5.07E-08	2	1429.656	-2.63	Midgut	3L:+:41730173-41730208	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_64051	QQTQSEDIVLMAEAYTPLLNIIR	AGAP012401-PA	M11(Oxidation)	122	5.39E-12	2	2646.381	0.21	Midgut	3L:+:41730032-41730100	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_69010	DTTGQQFYDNIKR	AGAP012401-PA	Q6(Deamidated)	105	4.37E-10	1	1585.756	-2.63	Midgut	3L:+:41730173-41730211	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_69344	EYYLHQFLVK	AGAP012401-PA	-	86	2.64E-08	1	1339.704	-0.37	Midgut	3L:+:41729726-41729755	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_70118	SGETDDPDNPTYLVHQHTQNLDETFDMMYQWR	AGAP012401-PA	M28(Oxidation),"M27(Oxidation), M28(Oxidation)",M27(Oxidation)	91	1.75E-09	1	3915.635	-3.76	Midgut	3L:+:41729915-41730010	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_72029	LFGNEVSEGAHIPFNFEVLSNTFK	AGAP012401-PA	-	180	1.32E-17	1	2696.358	8.17	Visceras	3L:+:41730101-41730172	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_72936	LFGNEVSEGAHIPFNFEVLSNTFK	AGAP012401-PA	N4(Deamidated),N21(Deamidated)	188	2.33E-18	1	2696.327	-3.31	Midgut	3L:+:41730101-41730172	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_74042	DYLLYSRDPVR	AGAP012401-PA	-	40	0.001332528	1	1396.724	1.3	Midgut	3L:+:41730526-41730558	exon=> In CDS Exon 2 of transcript AGAP012401-PA

JHU_Ag_74326	SPMADFGYDIADFR	AGAP012401-PA	M3(Oxidation)	141	5.23E-14	1	1620.700	-0.21	Midgut	3L:+:41729411-41729452	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_74762	IDAVPYLFESLPVNGVYPDEEK	AGAP012401-PA	N14(Deamidated)	74	5.13E-07	1	2494.234	-1.89	Midgut	3L:+:41729849-41729914	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_74777	DYLLYSR	AGAP012401-PA	-	55	2.67E-05	1	929.473	-0.14	Midgut	3L:+:41730526-41730546	exon=> In CDS Exon 2 of transcript AGAP012401-PA
JHU_Ag_77632	NPALVQEMKDVMTFWLGK	AGAP012401-PA	M8(Oxidation), M12(Oxidation),M8(Oxidation)	132	8.12E-13	1	2107.072	0.22	Midgut	3L:+:41729777-41729830	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_79188	QPDLNYRNPALVQEMK	AGAP012401-PA	M15(Oxidation)	58	2.74E-05	1	1915.971	1.01	Midgut	3L:+:41729756-41729803	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_80877	DSDGDGVGDLR	AGAP012401-PA	-	88	8.30E-09	2	1105.476	0.06	Midgut	3L:+:41729303-41729335	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_82428	KVVDDFK	AGAP012401-PA	-	59	1.35E-05	1	850.467	-0.46	Midgut	3L:+:41730011-41730031	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_88060	DTIDPAACNSNPKDYLLYSR	AGAP012401-PA	C8(Carbamidomethyl)	91	1.15E-08	1	2313.082	-0.03	Midgut	3L:+:41730487-41730546	exon=> In CDS Exon 2 of transcript AGAP012401-PA
JHU_Ag_91298	TTWLPVASNYK	AGAP012401-PA	N9(Deamidated)	64	5.73E-06	1	1279.668	-0.05	Midgut	3L:+:41730610-41730642	exon=> In CDS Exon 2 of transcript AGAP012401-PA
JHU_Ag_94622	DIHSEFGTIADLEALATACNAEGLK	AGAP012401-PA	C19(Carbamidomethyl)	100	1.42E-09	1	2646.259	-4.64	Midgut	3L:+:41729453-41729527	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_95521	GSAWEWNDVRK	AGAP012401-PA	N7(Deamidated)	83	7.12E-08	1	1347.640	-2.72	Midgut	3L:+:41729693-41729725	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_96305	DTIDPAACNSNPK	AGAP012401-PA	C8(Carbamidomethyl), N11(Deamidated),"C8(Carbamidomethyl), N9(Deamidated)",C8(Carbamidomethyl)	77	1.69E-07	2	1402.630	2.5	Midgut	3L:+:41730487-41730525	exon=> In CDS Exon 2 of transcript AGAP012401-PA
JHU_Ag_96931	DTIDPAACNSNPK	AGAP012401-PA	C8(Carbamidomethyl)	51	6.40E-05	2	1402.630	2.16	Malpighian tubule	3L:+:41730487-41730525	exon=> In CDS Exon 2 of transcript AGAP012401-PA
JHU_Ag_97117	FSNWVLGNHDNKR	AGAP012401-PA	N8(Deamidated)	53	6.85E-05	1	1586.781	-0.96	Midgut	3L:+:41730239-41730253,41730337-41730360	exon=> In CDS Exon 1 and 2 of transcript AGAP012401-PA
JHU_Ag_98021	DTTGQQFYDNIK	AGAP012401-PA	-	66	3.02E-06	2	1429.660	0.53	Malpighian tubule	3L:+:41730173-41730208	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_100954	LILDFVPNHSSDESEWFLK	AGAP012401-PA	-	47	0.000331818	1	2276.127	1.76	Ovary	3L:+:41729528-41729584	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_101467	QPDLNYRNPALVQEMK	AGAP012401-PA	Q13(Deamidated)	48	0.000315267	1	1916.955	0.91	Salivary gland	3L:+:41729756-41729803	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_105538	RWLDVVPENR	AGAP012401-PA	-	47	0.000176935	1	1283.691	4.31	Midgut	3L:+:41730209-41730238	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_115361	DVMTFWLGK	AGAP012401-PA	M3(Oxidation)	75	4.57E-07	2	1096.549	-0.92	Midgut	3L:+:41729804-41729830	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_115726	LILDFVPNHSSDESEWFLK	AGAP012401-PA	-	43	0.000800445	1	2276.129	2.48	Malpighian tubule	3L:+:41729528-41729584	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_117741	GSAWEWNDVR	AGAP012401-PA	-	71	6.24E-07	2	1219.545	-3.3	Midgut	3L:+:41729693-41729722	exon=> In CDS Exon 1 of transcript AGAP012401-PA
JHU_Ag_47765	ELEELRPLAISFDVIK	AGAP012402-PA	-	64	1.16E-06	1	1872.048	0.08	Ovary	3L:+:41731612-41731659	exon=> In CDS Exon 2 of transcript AGAP012402-PA
JHU_Ag_41158	GGLNANVLR	AGAP012404-PA	-	39	0.000851034	2	913.522	0.97	Head	3L:+:41753442-41753459,41753680-41753688	exon=> In CDS Exon 5 and 6 of transcript AGAP012404-PA
JHU_Ag_46608	ATDMYYDQLEQLFK	AGAP012404-PA	M4(Oxidation)	59	1.90E-05	1	1780.826	9.17	Larva	3L:+:41751074-41751115	exon=> In CDS Exon 3 of transcript AGAP012404-PA

JHU_Ag_47043	GGLNANVLR	AGAP012404-PA	-	44	0.000208805	2	913.524	2.84	Malpighian tubule	3L:+:41753442-41753459,41753680-41753688	exon=> In CDS Exon 5 and 6 of transcript AGAP012404-PA
JHU_Ag_96	ILEFFGMKK	AGAP012407-PA	M7(Oxidation)	51	8.12E-05	1	1128.612	-0.01	Ovary	3L:-:41764205-41764179	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_750	VLADKESNIK	AGAP012407-PA	-	68	1.83E-06	1	1116.625	-0.83	Midgut	3L:-:41764892-41764863	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_760	YKPETNDLSADK	AGAP012407-PA	-	91	1.33E-08	1	1380.663	-0.6	Midgut	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_1079	VEFKGER	AGAP012407-PA	-	41	0.001215749	1	864.458	0.36	Salivary gland	3L:-:41763746-41763726	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_1570	QLVPIYDK	AGAP012407-PA	-	35	0.003204963	1	975.551	-0.23	Malpighian tubule	3L:-:41763902-41763879	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_1735	VLVATK	AGAP012407-PA	-	42	0.000484013	1	630.416	-3.78	Salivary gland	3L:-:41763995-41763978	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_2267	IFGGEIK	AGAP012407-PA	-	35	0.003284603	1	763.436	1.45	Malpighian tubule	3L:-:41764364-41764344	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_2475	VEFKGER	AGAP012407-PA	-	43	0.000848875	1	864.458	0.07	Ovary	3L:-:41763746-41763726	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_2936	DSDSVVIAK	AGAP012407-PA	-	67	4.17E-06	2	933.490	0.93	Salivary gland	3L:-:41763860-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_2989	ILEFFGMK	AGAP012407-PA	-	47	0.000183249	2	984.520	-2.14	Salivary gland	3L:-:41764205-41764182	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_3279	QHLLSQDLPEDWDK	AGAP012407-PA	-	72	1.12E-06	1	1723.834	3.04	Head	3L:-:41764049-41764008	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_4517	YKDSDSVVIAK	AGAP012407-PA	-	67	1.85E-06	1	1224.656	7.52	Male reproductive organs	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_4899	YKDSDSVVIAK	AGAP012407-PA	-	86	2.72E-08	1	1224.649	1.44	Head	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_5144	ELETVEAAEEFLK	AGAP012407-PA	-	95	6.22E-09	2	1507.754	0.91	Pupa	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_5170	FDEVAFDKTK	AGAP012407-PA	-	40	0.000982802	1	1199.596	1.48	Ovary	3L:-:41763977-41763948	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_5242	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	114	3.19E-11	1	2215.177	0.44	Salivary gland	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_5331	ELETVEAAEEFLKENNVAVVGFFK	AGAP012407-PA	-	64	4.37E-06	3	2712.382	1.81	Pupa	3L:-:41764691-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_5521	EFVEPAKEVAK	AGAP012407-PA	-	67	3.42E-06	1	1246.671	2.38	Head	3L:-:41764298-41764266	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_5682	YKPETNDLSADK	AGAP012407-PA	-	72	9.11E-07	1	1380.664	0.02	Pupa	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_5908	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	79	1.82E-07	1	2177.092	2.17	Malpighian tubule	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_6371	HFDEGK	AGAP012407-PA	-	32	0.002543249	2	732.331	0	Ovary	3L:-:41764484-41764467	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_7328	YKDSDSVVIAK	AGAP012407-PA	-	70	1.09E-06	1	1224.648	0.54	Malpighian tubule	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_7475	EFVEPAKEVAK	AGAP012407-PA	-	47	0.000311556	1	1246.667	-0.55	Midgut	3L:-:41764298-41764266	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_8339	SGSQVDYTGGR	AGAP012407-PA	-	76	2.41E-07	2	1126.526	12.13	Male reproductive organs	3L:-:41764778-41764746	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_8977	AVFEGEATEEALKK	AGAP012407-PA	-	107	3.44E-10	1	1521.776	-2.5	Pupa	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_10534	ILEFVQSFLDGKVK	AGAP012407-PA	-	41	0.000286734	1	1622.917	1.15	Ovary	3L:-:41764091-41764050	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_10833	ISSFPTIYLYR	AGAP012407-PA	-	62	8.86E-06	1	1359.735	3.16	Ovary	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_11141	IDATANELEHTKISSFPTIYLYR	AGAP012407-PA	-	124	3.52E-12	1	2682.392	5.29	Ovary	3L:-:41763833-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_11635	ELETVEAAEEFLKENNVAVVGFFK	AGAP012407-PA	-	202	6.33E-20	1	2712.394	6.36	Salivary gland	3L:-:41764691-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_11994	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	112	9.03E-11	1	2177.095	3.51	Head	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_12183	VLADKESNIK	AGAP012407-PA	-	69	1.45E-06	1	1116.625	-0.61	Malpighian tubule	3L:-:41764892-41764863	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_12240	SGSQVDYTGGREQDTIVSWLEK	AGAP012407-PA	-	128	2.45E-12	1	2455.182	3.28	Head	3L:-:41764778-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_12323	DVLVEFYAPWCGHCK	AGAP012407-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	65	4.12E-06	1	1880.847	0.82	Midgut	3L:-:41763947-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_12368	IFGGEIK	AGAP012407-PA	-	42	0.000591755	2	763.437	3.29	Salivary gland	3L:-:41764364-41764344	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_13458	FDEVAFDKTK	AGAP012407-PA	-	64	4.11E-06	1	1199.593	-0.95	Pupa	3L:-:41763977-41763948	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_13663	EQILFVTIDADQEDHTR	AGAP012407-PA	-	49	0.000250133	1	2029.983	0.28	Malpighian tubule	3L:-:41764256-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_13693	FDEVAFDK	AGAP012407-PA	-	49	0.000100714	1	970.453	1.23	Head	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_14548	EFVEPAK	AGAP012407-PA	-	47	0.000296754	1	819.431	7.75	Male reproductive organs	3L:-:41764298-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_14958	ILEFVQSFLDGK	AGAP012407-PA	-	93	5.80E-09	2	1395.749	-2.3	Midgut	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_15365	FREQILFVTIDADQEDHTR	AGAP012407-PA	-	51	0.000109272	1	2333.163	4.57	Ovary	3L:-:41764262-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_15536	ELETVEAAEEFLK	AGAP012407-PA	-	94	7.83E-09	2	1507.754	0.74	Midgut	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_15625	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	64	2.44E-06	2	923.502	0.13	Male reproductive organs	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_17458	ILEFFGMKK	AGAP012407-PA	M7(Oxidation)	44	0.000453653	1	1128.612	-0.05	Male reproductive organs	3L:-:41764205-41764179	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_17473	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	103	7.21E-10	1	2177.096	3.76	Ovary	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_17606	TEDGVLVLTK	AGAP012407-PA	-	81	8.59E-08	1	1074.602	-1.7	Midgut	3L:-:41768161-41768132	exon=> In CDS Exon 1 of transcript AGAP012407-PA
JHU_Ag_17779	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	111	7.87E-11	1	2215.176	-0.07	Male reproductive organs	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_18240	AVFEGEATEEALK	AGAP012407-PA	-	75	4.74E-07	1	1393.684	-0.54	Pupa	3L:-:41764466-41764428	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_18579	AFMSTAVAVDDYPFGVTSSEEVYAKYEAK	AGAP012407-PA	M3(Oxidation)	89	1.69E-08	1	3191.486	2.87	Malpighian tubule	3L:-:41764595-41764509	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_19640	ILEFFGMK	AGAP012407-PA	-	51	9.14E-05	1	984.523	0.71	Head	3L:-:41764205-41764182	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_19683	ILEFVQSFLDGK	AGAP012407-PA	-	99	1.25E-09	2	1395.753	0.59	Ovary	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_19974	EAGHLKEFVEPAK	AGAP012407-PA	-	71	9.64E-07	1	1454.763	-0.7	Malpighian tubule	3L:-:41764316-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_20742	HFDEGK	AGAP012407-PA	-	37	0.000863752	2	732.331	0	Midgut	3L:-:41764484-41764467	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_21758	QLVPIYDKLGEK	AGAP012407-PA	-	45	0.000198506	1	1402.791	-1.94	Salivary gland	3L:-:41763902-41763867	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_22296	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	107	3.00E-10	1	2177.086	-0.86	Visceras	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_22737	IDATANELEHTK	AGAP012407-PA	-	103	6.17E-10	1	1341.665	0.13	Visceras	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_22794	DVLVEFYAPWCGHCK	AGAP012407-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	64	4.40E-06	1	1880.849	1.69	Pupa	3L:-:41763947-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_23436	YKPETNDLSADK	AGAP012407-PA	-	62	1.14E-05	1	1380.662	-1.4	Malpighian tubule	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_23481	ILEFFGMK	AGAP012407-PA	-	55	3.52E-05	1	984.525	2.69	Malpighian tubule	3L:-:41764205-41764182	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_23639	VLVATKFDEVAFDK	AGAP012407-PA	-	64	3.32E-06	1	1581.861	5.23	Malpighian tubule	3L:-:41763995-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_23796	DSDSVVIAK	AGAP012407-PA	-	62	1.20E-05	2	933.489	0.28	Midgut	3L:-:41763860-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_24459	TEDGVLVLTK	AGAP012407-PA	-	81	9.03E-08	1	1074.606	1.59	Malpighian tubule	3L:-:41768161-41768132	exon=> In CDS Exon 1 of transcript AGAP012407-PA
JHU_Ag_25833	EQDTIVSWLEK	AGAP012407-PA	-	48	0.000298849	2	1347.681	1.35	Malpighian tubule	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_26752	EFVEPAK	AGAP012407-PA	-	44	0.000620008	1	819.432	9.02	Salivary gland	3L:-:41764298-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_27785	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	67	1.24E-06	2	923.503	1.12	Salivary gland	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_28328	IDATANELEHTK	AGAP012407-PA	-	103	6.00E-10	1	1341.661	-2.87	Pupa	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_28354	KFVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	184	1.87E-18	1	2343.271	0.22	Ovary	3L:-:41764427-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_28402	ENNVAVVGFFK	AGAP012407-PA	-	54	5.30E-05	2	1223.644	1.54	Pupa	3L:-:41764652-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_28487	HFDEGK	AGAP012407-PA	-	36	0.001214203	1	732.332	1.19	Male reproductive organs	3L:-:41764484-41764467	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_28504	YKDSDSVVIAK	AGAP012407-PA	-	70	1.18E-06	1	1224.648	0.34	Ovary	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_28600	YKPETNDLSADK	AGAP012407-PA	-	79	2.05E-07	1	1380.662	-1.66	Ovary	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_29524	SHLLFFISK	AGAP012407-PA	-	65	2.72E-06	1	1091.623	-1.3	Pupa	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_30061	ISSFPTIYLYR	AGAP012407-PA	-	55	4.53E-05	2	1359.736	3.69	Larva	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_30521	YKPETNDLSADK	AGAP012407-PA	-	75	5.11E-07	1	1380.659	-3.96	Head	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_30707	AVFEGEATEEALKK	AGAP012407-PA	-	115	4.94E-11	1	1521.783	2.4	Malpighian tubule	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_30941	DVLVEFYAPWCGHCK	AGAP012407-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	48	0.000158194	1	1880.838	-4.17	Male reproductive organs	3L:-:41763947-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_31169	YKPETNDLSADKILEFVQSFLDGK	AGAP012407-PA	-	90	1.18E-08	1	2757.403	1.88	Pupa	3L:-:41764127-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_31896	ILEFVQSFLDGK	AGAP012407-PA	-	98	1.58E-09	1	1395.753	0.5	Malpighian tubule	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_31957	KFVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	142	3.37E-14	1	2343.278	3.27	Malpighian tubule	3L:-:41764427-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_32731	SHLLFFISK	AGAP012407-PA	-	65	1.81E-06	1	1091.628	2.5	Malpighian tubule	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_32733	KDEVPSLR	AGAP012407-PA	-	42	0.000961645	1	943.521	-0.23	Ovary	3L:-:41764181-41764158	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_33893	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	91	1.39E-08	1	2177.082	-2.38	Midgut	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_34038	VLVATKFDEVAFDK	AGAP012407-PA	-	117	2.05E-11	1	1581.853	0.44	Midgut	3L:-:41763995-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_34051	ISSFPTIYLYR	AGAP012407-PA	-	63	7.35E-06	2	1359.731	0.28	Male reproductive organs	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_34995	HFDEGK	AGAP012407-PA	-	32	0.002994273	2	732.332	1	Head	3L:-:41764484-41764467	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35007	TLEGFVK	AGAP012407-PA	-	31	0.00574836	1	793.445	-0.99	Head	3L:-:41763725-41763705	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35052	EFVEPAKEVAK	AGAP012407-PA	-	49	0.0002011	1	1246.668	0.23	Malpighian tubule	3L:-:41764298-41764266	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35265	EQDTIVSWLEK	AGAP012407-PA	-	40	0.00186	2	1347.683	2.53	Visceras	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35483	IDATANELEHTK	AGAP012407-PA	N6(Deamidated)	102	7.67E-10	1	1341.675	7.5	Midgut	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35607	AVFEGEATEEALKK	AGAP012407-PA	-	109	2.01E-10	1	1521.780	0.07	Salivary gland	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35810	EQDTIVSWLEK	AGAP012407-PA	-	64	7.35E-06	2	1347.680	0.63	Male reproductive organs	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35903	EQILFVTIDADQEDHTR	AGAP012407-PA	-	115	6.24E-11	2	2029.980	-1.45	Pupa	3L:-:41764256-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_35911	AVFEGEATEEALKK	AGAP012407-PA	-	82	8.49E-08	1	1521.779	-0.65	Larva	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_36295	ISSFPTIYLYR	AGAP012407-PA	-	51	0.000104525	2	1359.733	1.72	Visceras	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_36578	DEVPSLR	AGAP012407-PA	-	33	0.005026042	1	815.427	1.4	Head	3L:-:41764178-41764158	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_36750	AVFEGEATEEALK	AGAP012407-PA	-	99	1.90E-09	1	1393.684	-0.36	Malpighian tubule	3L:-:41764466-41764428	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_37159	ALAPEYAK	AGAP012407-PA	-	35	0.004038406	1	862.466	-0.51	Pupa	3L:-:41764925-41764902	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_37504	VLADKESNIK	AGAP012407-PA	-	61	1.06E-05	1	1116.630	3.65	Larva	3L:-:41764892-41764863	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_37561	DSDSVVIAK	AGAP012407-PA	-	57	4.20E-05	2	933.491	2.17	Head	3L:-:41763860-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_37658	EQDTIVSWLEK	AGAP012407-PA	-	55	5.23E-05	1	1347.685	4.4	Ovary	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_37659	AVFEGEATEEALKK	AGAP012407-PA	-	115	5.01E-11	1	1521.779	-0.57	Male reproductive organs	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_38307	VLADKESNIK	AGAP012407-PA	-	67	2.60E-06	1	1116.627	0.7	Pupa	3L:-:41764892-41764863	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_39254	VDATVEPELAEK	AGAP012407-PA	-	83	6.33E-08	1	1300.666	2.42	Head	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_39626	ENNVAVVGFFK	AGAP012407-PA	-	51	0.000103841	1	1223.640	-1.25	Malpighian tubule	3L:-:41764652-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_40099	FDEVAFDK	AGAP012407-PA	-	45	0.000279566	2	970.455	3.54	Larva	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_41016	YGIRGYPTLK	AGAP012407-PA	-	67	1.25E-06	1	1167.653	0.39	Malpighian tubule	3L:-:41764817-41764788	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_41505	FREQILFVTIDADQEDHTR	AGAP012407-PA	-	120	1.48E-11	1	2333.151	-0.45	Salivary gland	3L:-:41764262-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_41628	SGSQVDYTGGREQDTIVSWLEK	AGAP012407-PA	-	86	4.80E-08	1	2455.178	1.64	Salivary gland	3L:-:41764778-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_41946	ILEFVQSFLDGK	AGAP012407-PA	-	115	3.12E-11	2	1395.752	0.33	Male reproductive organs	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_42359	ILEFFGMKK	AGAP012407-PA	M7(Oxidation)	38	0.001666187	1	1128.612	0.09	Malpighian tubule	3L:-:41764205-41764179	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_42402	DVLVEFYAPWCGHCK	AGAP012407-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	64	5.19E-06	1	1880.849	1.8	Malpighian tubule	3L:-:41763947-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_42506	ILEFFGMK	AGAP012407-PA	M7(Oxidation)	35	0.003512369	2	1000.522	4.44	Larva	3L:-:41764205-41764182	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_42513	QHLLSQDLPEDWDK	AGAP012407-PA	-	53	9.04E-05	1	1723.828	-0.14	Malpighian tubule	3L:-:41764049-41764008	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_42878	EAGHLKEFVEPAK	AGAP012407-PA	-	42	0.000742857	1	1454.763	-0.71	Midgut	3L:-:41764316-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_42913	ISSFPTIYLYR	AGAP012407-PA	-	54	5.63E-05	2	1359.732	1	Pupa	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_42984	ISSFPTIYLYR	AGAP012407-PA	-	70	1.42E-06	2	1359.731	0.01	Midgut	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_44345	KDEVPSLR	AGAP012407-PA	-	43	0.000679863	2	943.524	3.65	Salivary gland	3L:-:41764181-41764158	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_44439	ISSFPTIYLYR	AGAP012407-PA	-	59	1.92E-05	2	1359.733	1.54	Salivary gland	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_44457	VDATVEPELAEK	AGAP012407-PA	-	77	2.08E-07	1	1300.662	-0.68	Ovary	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_44572	IDATANELEHTK	AGAP012407-PA	N6(Deamidated)	97	2.71E-09	1	1341.664	-0.14	Salivary gland	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_44786	IDATANELEHTK	AGAP012407-PA	-	102	7.64E-10	1	1341.667	1.68	Ovary	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_45199	IIRLEEDMAK	AGAP012407-PA	M8(Oxidation)	57	2.89E-05	1	1217.656	-0.28	Pupa	3L:-:41764157-41764128	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_45943	ILEFVQSFLDGK	AGAP012407-PA	-	97	2.12E-09	2	1395.758	4.52	Larva	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_46267	TKDVLVEFYAPWCGHCK	AGAP012407-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	107	2.89E-10	1	2109.991	1.13	Salivary gland	3L:-:41763953-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_46904	FDEVAFDK	AGAP012407-PA	-	52	4.14E-05	2	970.451	-0.67	Pupa	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_47824	EFVEPAK	AGAP012407-PA	-	46	0.000394608	1	819.425	-0.22	Midgut	3L:-:41764298-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_48060	YKPETNDLSADKILEFVQSFLDGK	AGAP012407-PA	-	97	2.28E-09	1	2757.399	0.38	Midgut	3L:-:41764127-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_48841	YKDSDSVVIAK	AGAP012407-PA	-	63	5.27E-06	1	1224.646	-0.56	Midgut	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_48871	ELETVEAAEEFLK	AGAP012407-PA	-	96	4.91E-09	1	1507.759	4.22	Male reproductive organs	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_49108	SGSQVDYTGGR	AGAP012407-PA	-	75	2.98E-07	1	1126.512	-0.33	Malpighian tubule	3L:-:41764778-41764746	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_50619	FREQILFVTIDADQEDHTR	AGAP012407-PA	-	95	4.91E-09	1	2333.153	0.57	Pupa	3L:-:41764262-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_51083	ENNVAVVGFFK	AGAP012407-PA	-	80	1.08E-07	1	1223.643	0.84	Salivary gland	3L:-:41764652-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_51300	IIRLEEDMAK	AGAP012407-PA	M8(Oxidation)	34	0.006021316	1	1233.651	0.14	Ovary	3L:-:41764157-41764128	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_51446	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	56	1.65E-05	2	923.501	-1.13	Visceras	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_51889	IIRLEEDMAK	AGAP012407-PA	M8(Oxidation)	44	0.000619051	2	1233.653	1.66	Salivary gland	3L:-:41764157-41764128	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_53225	SGSQVDYTGGR	AGAP012407-PA	-	70	1.07E-06	1	1126.512	-0.76	Pupa	3L:-:41764778-41764746	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_53250	YKPETNDLSADK	AGAP012407-PA	-	48	0.000238 85	2	1380.668	2.59	Larva	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_53764	EFVEPAK	AGAP012407-PA	-	42	0.001000 382	1	819.425	-0.3	Pupa	3L:-:41764298-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_54331	ENNVAVVGFFK	AGAP012407-PA	-	42	0.000843 687	2	1223.643	0.54	Midgut	3L:-:41764652-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_54502	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	125	2.85E-12	1	2215.179	1.59	Head	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_54641	VLVATK	AGAP012407-PA	-	42	0.000849 512	1	630.427	12.68	Male reproductive organs	3L:-:41763995-41763978	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_54796	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	65	2.32E-06	2	923.504	1.71	Malpighian tubule	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_55044	KDEVPSLR	AGAP012407-PA	-	42	0.000970 543	1	943.520	-0.68	Pupa	3L:-:41764181-41764158	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_55103	FDEVAFDKTK	AGAP012407-PA	-	77	1.96E-07	1	1199.592	-1.98	Salivary gland	3L:-:41763977-41763948	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_55248	QLVPIYDKLGEK	AGAP012407-PA	-	60	5.54E-06	1	1402.798	2.44	Malpighian tubule	3L:-:41763902-41763867	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_55282	ENNVAVVGFFK	AGAP012407-PA	-	40	0.001197 24	1	1223.644	1.84	Male reproductive organs	3L:-:41764652-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_55412	KFVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	155	1.46E-15	1	2343.272	0.69	Midgut	3L:-:41764427-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_55733	ELETVEAAEEFLKENNVAVVGFFK	AGAP012407-PA	-	83	5.68E-08	1	2712.372	-1.63	Ovary	3L:-:41764691-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_56223	TEDGVLVLTK	AGAP012407-PA	-	81	8.81E-08	1	1074.604	0	Ovary	3L:-:41768161-41768132	exon=> In CDS Exon 1 of transcript AGAP012407-PA
JHU_Ag_57694	ELETVEAAEEFLK	AGAP012407-PA	-	106	4.69E-10	1	1507.752	-0.55	Malpighian tubule	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_58098	SGSQVDYTGGR	AGAP012407-PA	-	70	1.00E-06	1	1126.509	-2.93	Salivary gland	3L:-:41764778-41764746	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_58175	ILEFFGMK	AGAP012407-PA	M7(Oxidation)	51	8.55E-05	2	984.522	-0.72	Midgut	3L:-:41764205-41764182	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_58330	SGSQVDYTGGREQDTIVSWLEK	AGAP012407-PA	-	129	2.32E-12	1	2455.181	3.06	Malpighian tubule	3L:-:41764778-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_58680	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	92	9.64E-09	1	2177.085	-1.28	Salivary gland	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_58858	EAGHLKEFVEPAK	AGAP012407-PA	-	68	1.76E-06	1	1454.765	0.9	Ovary	3L:-:41764316-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_58896	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	123	4.00E-12	1	2215.177	0.44	Ovary	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_59091	HFDEGK	AGAP012407-PA	-	34	0.001623 263	1	732.331	-0.33	Salivary gland	3L:-:41764484-41764467	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_59212	YKDSDSVVIAK	AGAP012407-PA	-	69	1.45E-06	1	1224.647	-0.26	Pupa	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_59720	AFMSTAVAVDDYPFGVTSSEEVYAK	AGAP012407-PA	M3(Oxidation)	56	3.09E-05	2	2700.239	0.06	Male reproductive organs	3L:-:41764595-41764521	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_60066	TEDGVLVLTK	AGAP012407-PA	-	43	0.000575 156	1	1074.605	0.98	Head	3L:-:41768161-41768132	exon=> In CDS Exon 1 of transcript AGAP012407-PA
JHU_Ag_60128	ELETVEAAEEFLKENNVAVVGFFK	AGAP012407-PA	-	209	1.38E-20	1	2712.387	3.91	Malpighian tubule	3L:-:41764691-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_61480	FDEVAFDK	AGAP012407-PA	-	52	3.79E-05	2	970.451	-0.3	Salivary gland	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_61587	SGSQVDYTGGREQDTIVSWLEK	AGAP012407-PA	-	164	6.79E-16	1	2455.180	2.69	Ovary	3L:-:41764778-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_62204	VDATVEPELAEK	AGAP012407-PA	-	79	1.41E-07	1	1300.663	-0.02	Salivary gland	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_62597	AVFEGEATEEALK	AGAP012407-PA	-	87	3.00E-08	2	1393.686	1.13	Midgut	3L:-:41764466-41764428	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_63041	FREQILFVTIDADQEDHTR	AGAP012407-PA	-	112	8.90E-11	1	2333.157	2.06	Malpighian tubule	3L:-:41764262-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_63480	TLEGFVK	AGAP012407-PA	-	36	0.003053553	2	793.445	-0.6	Pupa	3L:-:41763725-41763705	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_64123	AVFEGEATEEALKK	AGAP012407-PA	-	101	1.13E-09	1	1521.781	1.19	Visceras	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_64402	DVLVEFYAPWCGHCK	AGAP012407-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	84	4.58E-08	1	1880.841	-2.75	Head	3L:-:41763947-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_64563	TEDGVLVLTK	AGAP012407-PA	-	49	0.000133493	2	1074.603	-1.25	Salivary gland	3L:-:41768161-41768132	exon=> In CDS Exon 1 of transcript AGAP012407-PA
JHU_Ag_65063	ALAPEYAK	AGAP012407-PA	-	34	0.005360558	1	862.469	1.83	Malpighian tubule	3L:-:41764925-41764902	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_66116	AFMSTAVAVDDYPFGVTSSEEVYAK	AGAP012407-PA	M3(Oxidation)	74	5.79E-07	2	2700.239	-0.03	Midgut	3L:-:41764595-41764521	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_66285	EQDTIVSWLEKK	AGAP012407-PA	-	38	0.002510328	1	1475.771	-1.79	Salivary gland	3L:-:41764745-41764710	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_66582	EAGHLKEFVEPAK	AGAP012407-PA	-	64	5.16E-06	1	1454.765	0.48	Head	3L:-:41764316-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_66636	TKDVLVEFYAPWCGHCK	AGAP012407-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	130	1.40E-12	1	2109.989	0.17	Male reproductive organs	3L:-:41763953-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_66836	ELETVEAAEEFLKENNVAVVGFFK	AGAP012407-PA	-	81	9.97E-08	1	2712.377	-0.08	Midgut	3L:-:41764691-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_66940	YKDSDSVVIAK	AGAP012407-PA	-	75	3.19E-07	1	1224.652	4.13	Larva	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_67446	SGSQVDYTGGREQDTIVSWLEK	AGAP012407-PA	-	128	2.86E-12	1	2455.173	-0.22	Midgut	3L:-:41764778-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_68797	YKPETNDLSADKILEFVQSFLDGK	AGAP012407-PA	-	89	1.53E-08	1	2757.414	5.63	Salivary gland	3L:-:41764127-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_69026	DEVPSLR	AGAP012407-PA	-	37	0.001887284	1	815.427	1.1	Malpighian tubule	3L:-:41764178-41764158	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_69468	IDATANELEHTK	AGAP012407-PA	-	97	2.57E-09	1	1341.666	1.13	Head	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_70334	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	53	3.61E-05	2	923.504	2.44	Head	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_70374	EQILFVTIDADQEDHTR	AGAP012407-PA	-	106	4.37E-10	1	2029.997	7.15	Head	3L:-:41764256-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_70432	IDATANELEHTKISSFPTIYLYR	AGAP012407-PA	-	169	1.15E-16	1	2682.388	3.79	Malpighian tubule	3L:-:41763833-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_70630	SHLLFFISK	AGAP012407-PA	-	51	4.63E-05	1	1091.627	1.99	Head	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_71124	EQILFVTIDADQEDHTR	AGAP012407-PA	-	106	4.33E-10	1	2029.989	2.94	Ovary	3L:-:41764256-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_71250	AFMSTAVAVDDYPFGVTSSEEVYAK	AGAP012407-PA	M3(Oxidation)	76	3.14E-07	2	2700.236	-1.03	Salivary gland	3L:-:41764595-41764521	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_71350	ISSFPTIYLYR	AGAP012407-PA	-	61	9.76E-06	2	1359.732	0.82	Head	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_71665	FVTAQALPLIVDFSHETAQKIFGGEIK	AGAP012407-PA	-	109	4.01E-11	1	2959.602	2.97	Malpighian tubule	3L:-:41764424-41764344	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_72040	SHLLFFISK	AGAP012407-PA	-	64	3.42E-06	1	1091.625	-0.18	Male reproductive organs	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_72112	EQILFVTIDADQEDHTR	AGAP012407-PA	-	106	4.31E-10	1	2029.980	-1.21	Male reproductive organs	3L:-:41764256-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_72134	EQDTIVSWLEK	AGAP012407-PA	-	60	1.78E-05	2	1347.679	0.09	Pupa	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_72269	YKPETNDLSADKILEFVQSFLDGK	AGAP012407-PA	-	44	0.000490143	1	2757.401	0.91	Head	3L:-:41764127-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_72464	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	111	6.00E-11	1	2215.184	3.52	Larva	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_72668	TEDGVLVLTK	AGAP012407-PA	-	51	8.85E-05	2	1074.605	1.14	Male reproductive organs	3L:-:41768161-41768132	exon=> In CDS Exon 1 of transcript AGAP012407-PA
JHU_Ag_73230	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	99	1.87E-09	1	2177.091	1.49	Pupa	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_73818	EQDTIVSWLEKK	AGAP012407-PA	-	53	8.12E-05	2	1475.777	2.23	Midgut	3L:-:41764745-41764710	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_74684	IDATANELEHTK	AGAP012407-PA	-	102	8.21E-10	1	1341.667	1.86	Malpighian tubule	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_75307	IFGGEIKSHLLFFISK	AGAP012407-PA	-	42	0.000155575	1	1836.050	4.39	Salivary gland	3L:-:41764364-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_75737	TLEGFVK	AGAP012407-PA	-	42	0.000719127	1	793.445	-0.43	Midgut	3L:-:41763725-41763705	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_76298	SGSQVDYTGGR	AGAP012407-PA	-	67	2.04E-06	2	1126.511	-1.09	Ovary	3L:-:41764778-41764746	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_76768	IDATANELEHTK	AGAP012407-PA	-	78	1.87E-07	1	1341.665	0.5	Larva	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_77613	FDEVAFDKTK	AGAP012407-PA	-	56	2.73E-05	1	1199.593	-1.27	Male reproductive organs	3L:-:41763977-41763948	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_77758	VLVATK	AGAP012407-PA	-	42	0.000506823	1	630.418	-0.3	Midgut	3L:-:41763995-41763978	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_77786	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	147	2.00E-14	1	2215.171	-2.21	Midgut	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_78195	VLADKESNIK	AGAP012407-PA	-	52	5.38E-05	1	1116.634	7.26	Male reproductive organs	3L:-:41764892-41764863	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_78547	FDEVAFDKTK	AGAP012407-PA	-	58	1.59E-05	1	1199.597	2.33	Malpighian tubule	3L:-:41763977-41763948	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_79110	QHLLSQDLPEDWDK	AGAP012407-PA	Q1(Deamidated)	91	1.23E-08	2	1723.833	2.69	Midgut	3L:-:41764049-41764008	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_79267	TLEGFVK	AGAP012407-PA	-	38	0.001967005	1	793.446	0.86	Salivary gland	3L:-:41763725-41763705	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_79601	YKPETNDLSADKILEFVQSFLDGK	AGAP012407-PA	-	76	3.01E-07	1	2757.396	-0.68	Ovary	3L:-:41764127-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_80586	YKDSDSVVIAK	AGAP012407-PA	-	56	3.00E-05	1	1224.646	-0.56	Visceras	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_80898	SHLLFFISK	AGAP012407-PA	-	67	1.22E-06	1	1091.626	1.2	Ovary	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_81249	VLADKESNIK	AGAP012407-PA	-	67	2.60E-06	1	1116.628	1.58	Salivary gland	3L:-:41764892-41764863	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_81359	ELETVEAAEEFLK	AGAP012407-PA	-	108	2.80E-10	2	1507.756	1.88	Head	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_81827	QLVPIYDK	AGAP012407-PA	-	35	0.003518712	1	975.553	2.34	Midgut	3L:-:41763902-41763879	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_81992	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	106	2.34E-10	1	2215.174	-0.89	Pupa	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_82332	IDATANELEHTK	AGAP012407-PA	-	83	5.63E-08	1	1341.670	4.14	Male reproductive organs	3L:-:41763833-41763798	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_82760	DVLVEFYAPWCGHCK	AGAP012407-PA	C11(Carbamidomethyl), C14(Carbamidomethyl)	76	2.80E-07	1	1880.847	0.63	Salivary gland	3L:-:41763947-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_82982	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	62	4.39E-06	2	923.502	0.52	Ovary	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_83632	ISSFPTIYLYR	AGAP012407-PA	-	56	3.86E-05	2	1359.735	2.8	Malpighian tubule	3L:-:41763797-41763765	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_84291	VLVATKFDEVAFDK	AGAP012407-PA	-	121	6.09E-12	1	1581.859	4.46	Head	3L:-:41763995-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_84302	KDEVPSLR	AGAP012407-PA	-	35	0.004207 41	2	943.523	2.88	Midgut	3L:-:41764181-41764158	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_84678	FDEVAFDKTK	AGAP012407-PA	-	72	6.03E-07	1	1199.594	-0.15	Midgut	3L:-:41763977-41763948	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_84818	FREQILFVTIDADQEDHTR	AGAP012407-PA	-	93	7.16E-09	1	2333.158	2.69	Head	3L:-:41764262-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_85304	AVFEGEATEEALKK	AGAP012407-PA	-	115	5.71E-11	1	1521.777	-2.01	Midgut	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_85710	DSDSVVIAK	AGAP012407-PA	-	54	7.78E-05	2	933.489	0.34	Malpighian tubule	3L:-:41763860-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_85867	VEFKGER	AGAP012407-PA	-	43	0.000659 72	1	864.467	10.67	Male reproductive organs	3L:-:41763746-41763726	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_86080	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	105	2.94E-10	1	2215.175	-0.23	Visceras	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_86297	KFVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	122	3.52E-12	1	2343.265	-2.43	Male reproductive organs	3L:-:41764427-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_87298	VDATVEPELAEK	AGAP012407-PA	-	61	1.27E-05	2	1300.668	3.92	Male reproductive organs	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_87301	IIRLEEDMAK	AGAP012407-PA	M8(Oxidation)	53	7.86E-05	1	1217.658	2.04	Malpighian tubule	3L:-:41764157-41764128	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_87423	EQILFVTIDADQEDHTR	AGAP012407-PA	Q2(Deamidated)	120	1.97E-11	1	2029.990	3.6	Salivary gland	3L:-:41764256-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_88072	EFVEPAKEVAK	AGAP012407-PA	-	52	9.97E-05	1	1246.670	2.09	Ovary	3L:-:41764298-41764266	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_88289	EQDTIVSWLEKK	AGAP012407-PA	-	54	5.34E-05	1	1475.780	4.3	Pupa	3L:-:41764745-41764710	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_89145	FDEVAFDK	AGAP012407-PA	-	57	1.49E-05	1	970.455	2.92	Male reproductive organs	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_90492	TLEGFVK	AGAP012407-PA	-	38	0.001922 231	1	793.445	-0.06	Malpighian tubule	3L:-:41763725-41763705	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_90551	EQDTIVSWLEK	AGAP012407-PA	-	65	6.10E-06	2	1347.679	-0.19	Midgut	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_92083	QHLLSQDLPEDWDK	AGAP012407-PA	-	52	0.000106 387	2	1723.825	-1.84	Male reproductive organs	3L:-:41764049-41764008	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_92769	EQILFVTIDADQEDHTR	AGAP012407-PA	-	119	2.19E-11	1	2029.981	-0.91	Midgut	3L:-:41764256-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_93098	AVFEGEATEEALKK	AGAP012407-PA	-	115	4.83E-11	1	1521.783	2.16	Ovary	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_94220	VDATVEPELAEK	AGAP012407-PA	-	54	5.17E-05	2	1300.666	2.42	Larva	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_94512	ENNVAVVGFFK	AGAP012407-PA	-	53	6.61E-05	2	1223.642	-0.16	Ovary	3L:-:41764652-41764620	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_94672	FVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	115	2.47E-11	1	2215.184	3.63	Malpighian tubule	3L:-:41764424-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_94850	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	56	1.78E-05	2	923.503	1.05	Midgut	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_95356	FDEVAFDK	AGAP012407-PA	-	59	7.68E-06	1	970.449	-3.25	Midgut	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_95357	VLADKESNIK	AGAP012407-PA	-	64	4.19E-06	1	1116.626	0.27	Ovary	3L:-:41764892-41764863	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_95572	TKDVLVEFYAPWCGHCK	AGAP012407-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	41	0.001083537	1	2109.987	-0.87	Midgut	3L:-:41763953-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_95641	FDEVAFDK	AGAP012407-PA	-	42	0.000508265	2	970.452	0.71	Ovary	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_95690	AVFEGEATEEALK	AGAP012407-PA	-	94	6.48E-09	1	1393.685	0.17	Ovary	3L:-:41764466-41764428	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_95852	EAGHLKEFVEPAK	AGAP012407-PA	-	46	0.000303323	1	1454.762	-0.96	Salivary gland	3L:-:41764316-41764278	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_95860	VDATVEPELAEK	AGAP012407-PA	-	73	5.36E-07	2	1300.665	1.76	Midgut	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_96096	ELETVEAAEEFLK	AGAP012407-PA	-	93	9.15E-09	1	1507.753	0.42	Salivary gland	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_96986	QLVPIYDK	AGAP012407-PA	-	42	0.000696687	2	975.551	0.08	Salivary gland	3L:-:41763902-41763879	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_97621	AVFEGEATEEALK	AGAP012407-PA	-	91	1.25E-08	1	1393.689	2.88	Head	3L:-:41764466-41764428	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_97631	CGSVILFK	AGAP012407-PA	C1(Carbamidomethyl)	67	1.28E-06	2	923.503	0.72	Pupa	3L:-:41764508-41764485	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_97700	FDEVAFDK	AGAP012407-PA	-	46	0.000177558	2	970.451	-0.67	Malpighian tubule	3L:-:41763977-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_97706	VDATVEPELAEK	AGAP012407-PA	-	73	5.92E-07	1	1300.664	1.01	Visceras	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_97982	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	90	1.34E-08	2	2177.094	2.93	Male reproductive organs	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_98209	EFVEPAKEVAK	AGAP012407-PA	-	69	1.79E-06	1	1246.668	0.43	Salivary gland	3L:-:41764298-41764266	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_98302	VLVATKFDEVAFDK	AGAP012407-PA	-	106	2.00E-10	1	1581.854	1.29	Ovary	3L:-:41763995-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_98852	YKPETNDLSADK	AGAP012407-PA	-	60	1.70E-05	1	1380.676	8.48	Male reproductive organs	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_99583	QLVPIYDKLGEK	AGAP012407-PA	-	62	3.99E-06	1	1402.796	1.52	Ovary	3L:-:41763902-41763867	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_99624	ILEFVQSFLDGK	AGAP012407-PA	-	101	7.14E-10	2	1395.755	2.25	Head	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_99845	SGSQVDYTGGR	AGAP012407-PA	-	66	2.89E-06	1	1126.511	-1.09	Head	3L:-:41764778-41764746	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_100472	VDATVEPELAEK	AGAP012407-PA	-	79	1.47E-07	1	1300.664	0.92	Malpighian tubule	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_101314	SHLLFFISK	AGAP012407-PA	-	64	2.79E-06	1	1091.626	0.71	Salivary gland	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_101713	ILEFFGMK	AGAP012407-PA	-	50	0.000110592	2	984.523	0.4	Male reproductive organs	3L:-:41764205-41764182	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_102096	TEDGVLVLTK	AGAP012407-PA	-	47	0.000217163	2	1074.606	1.37	Larva	3L:-:41768161-41768132	exon=> In CDS Exon 1 of transcript AGAP012407-PA
JHU_Ag_103433	SGSQVDYTGGR	AGAP012407-PA	-	86	3.05E-08	2	1126.511	-0.87	Midgut	3L:-:41764778-41764746	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_103631	AVFEGEATEEALK	AGAP012407-PA	-	94	6.71E-09	1	1393.683	-1.32	Salivary gland	3L:-:41764466-41764428	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_103674	ELETVEAAEEFLK	AGAP012407-PA	-	101	1.70E-09	1	1507.754	0.99	Ovary	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_103978	SHLLFFISK	AGAP012407-PA	-	48	8.98E-05	2	1091.627	1.54	Larva	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_104136	DSDSVVIAK	AGAP012407-PA	-	59	2.47E-05	1	933.490	0.93	Ovary	3L:-:41763860-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_104619	KFVTAQALPLIVDFSHETAQK	AGAP012407-PA	-	142	3.65E-14	1	2343.269	-0.64	Salivary gland	3L:-:41764427-41764365	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_104722	YKPETNDLSADKILEFVQSFLDGK	AGAP012407-PA	-	92	6.73E-09	1	2757.407	3.03	Malpighian tubule	3L:-:41764127-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_105347	VDATVEPELAEKYGIR	AGAP012407-PA	-	123	5.76E-12	1	1789.937	1.98	Malpighian tubule	3L:-:41764853-41764806	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_106074	ELETVEAAEEFLK	AGAP012407-PA	-	46	0.000554198	2	1507.758	3.5	Visceras	3L:-:41764691-41764653	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_106358	EFVEPAKEVAK	AGAP012407-PA	-	61	1.23E-05	1	1246.667	-0.55	Pupa	3L:-:41764298-41764266	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_106374	EQDTIVSWLEK	AGAP012407-PA	-	64	6.55E-06	2	1347.681	1.08	Head	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_106590	ILEFFGMKK	AGAP012407-PA	M7(Oxidation)	47	0.000188415	1	1128.615	2.37	Salivary gland	3L:-:41764205-41764179	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_107176	VLVATKFDEVAFDK	AGAP012407-PA	-	128	1.50E-12	1	1581.855	1.83	Salivary gland	3L:-:41763995-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_108328	AVFEGEATEEALKK	AGAP012407-PA	-	114	5.46E-11	1	1521.785	3.76	Head	3L:-:41764466-41764425	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_109020	YKPETNDLSADK	AGAP012407-PA	-	72	1.04E-06	1	1380.678	9.92	Salivary gland	3L:-:41764127-41764092	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_109641	ILEFVQSFLDGK	AGAP012407-PA	-	98	1.59E-09	1	1395.755	1.9	Pupa	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_110058	SGSQVDYTGGREQDTIVSWLEK	AGAP012407-PA	-	157	3.69E-15	1	2455.176	1.12	Pupa	3L:-:41764778-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_110265	QHLLSQDLPEDWDKEPVK	AGAP012407-PA	-	107	2.60E-10	1	2177.100	5.61	Larva	3L:-:41764049-41763996	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_110395	FREQILFVTIDADQEDHTR	AGAP012407-PA	Q4(Deamidated)	61	1.14E-05	3	2334.156	8.57	Midgut	3L:-:41764262-41764206	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_110863	ILEFVQSFLDGK	AGAP012407-PA	-	93	5.06E-09	2	1395.754	1.81	Visceras	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_111210	TKDVLVEFYAPWCGHCK	AGAP012407-PA	C13(Carbamidomethyl), C16(Carbamidomethyl)	57	2.92E-05	1	2109.990	0.52	Pupa	3L:-:41763953-41763903	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_111259	QHLLSQDLPEDWDK	AGAP012407-PA	-	62	1.14E-05	2	1723.831	1.56	Salivary gland	3L:-:41764049-41764008	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_112105	VLVATKFDEVAFDK	AGAP012407-PA	-	93	4.36E-09	1	1581.857	3.07	Pupa	3L:-:41763995-41763954	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_113093	ILEFFGMKK	AGAP012407-PA	M7(Oxidation)	38	0.001519581	1	1128.612	-0.34	Pupa	3L:-:41764205-41764179	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_114358	YKDSDSVVIAK	AGAP012407-PA	-	87	2.23E-08	1	1224.646	-0.76	Salivary gland	3L:-:41763866-41763834	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_114424	SHLLFFISK	AGAP012407-PA	-	67	1.71E-06	1	1091.621	-3.27	Midgut	3L:-:41764343-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_114574	ILEFFGMKK	AGAP012407-PA	M7(Oxidation)	47	0.00018738	1	1128.612	-0.01	Midgut	3L:-:41764205-41764179	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_114751	ILEFFGMK	AGAP012407-PA	M7(Oxidation)	60	9.90E-06	1	984.522	-0.16	Pupa	3L:-:41764205-41764182	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_114842	EQDTIVSWLEK	AGAP012407-PA	-	62	1.21E-05	1	1347.688	6.3	Salivary gland	3L:-:41764745-41764713	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_115738	ILEFVQSFLDGK	AGAP012407-PA	-	111	7.99E-11	1	1395.755	2.34	Salivary gland	3L:-:41764091-41764056	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_116306	VDATVEPELAEK	AGAP012407-PA	-	77	2.04E-07	1	1300.663	-0.3	Pupa	3L:-:41764853-41764818	exon=> In CDS Exon 2 of transcript AGAP012407-PA
JHU_Ag_116749	IFGGEIKSHLLFFISK	AGAP012407-PA	-	54	9.70E-06	1	1836.045	1.46	Malpighian tubule	3L:-:41764364-41764317	exon=> In CDS Exon 2 of transcript AGAP012407-PA

JHU_Ag_45090	QVLGVDIVEQAIEDAKHNAQK	AGAP012408-PA	-	45	0.000186784	1	2305.232	7.6	Malpighian tubule	3L:+:41770313-41770375	exon=> In CDS Exon 2 of transcript AGAP012408-PA
JHU_Ag_110220	SSIVECLTSEPGK	AGAP012408-PA	C6(Carbamidomethyl)	55	5.87E-05	2	1406.683	0.12	Ovary	3L:+:41769989-41770027	exon=> In CDS Exon 2 of transcript AGAP012408-PA
JHU_Ag_101912	KISNEDR	AGAP012410-PA	N4(Deamidated)	42	0.001160554	1	862.426	-0.95	Salivary gland	3L:+:41787054-41787074	exon=> In CDS Exon 4 of transcript AGAP012410-PA
JHU_Ag_22412	DIILDLNK	AGAP012413-PA	N7(Deamidated)	45	0.000380692	2	944.531	0.99	Midgut	3L:+:41823647-41823670	exon=> In CDS Exon 3 of transcript AGAP012413-PA
JHU_Ag_25603	LPLLPR	AGAP012414-PA	-	32	0.000215338	1	708.475	-1.87	Midgut	3L:+:41827440-41827457	exon=> In CDS Exon 1 of transcript AGAP012414-PA
JHU_Ag_67517	FGELCWDVSESVPNAK	AGAP012414-PA	C5(Carbamidomethyl)	37	0.002647192	1	1837.848	3.17	Salivary gland	3L:+:41828094-41828141	exon=> In CDS Exon 1 of transcript AGAP012414-PA
JHU_Ag_19478	IPVHAAEHSK	AGAP012417-PA	-	40	0.001630349	1	1088.578	-6.28	Head	3L:-:41831802-41831773	exon=> In CDS Exon 2 of transcript AGAP012417-PA
JHU_Ag_43586	VVTQLDLPHVHQLALTDTDLTPK	AGAP012417-PA	-	73	1.85E-07	1	2554.395	3.05	Ovary	3L:-:41833145-41833077	exon=> In CDS Exon 1 of transcript AGAP012417-PA
JHU_Ag_58939	LNQFFEGIQVR	AGAP012417-PA	-	65	3.56E-06	2	1350.717	0.24	Midgut	3L:-:41831607-41832112,41831176-41831497	exon=> In CDS Exon 3 and 2 of transcript AGAP012417-PA
JHU_Ag_62742	YPNHGGAVSADDEDEIEGFENEDFHALTDK	AGAP012417-PA	-	63	2.76E-06	1	3321.401	-2.47	Head	3L:-:41833562-41833473	exon=> In CDS Exon 1 of transcript AGAP012417-PA
JHU_Ag_116735	VVTQLDLPHVHQLALTDTDLTPK	AGAP012417-PA	-	89	5.18E-09	1	2554.390	0.83	Head	3L:-:41833145-41833077	exon=> In CDS Exon 1 of transcript AGAP012417-PA
JHU_Ag_1466	ESGLIYLNYSPPK	AGAP012418-PA	-	85	4.58E-08	2	1480.772	2.21	Visceras	3L:-:41834730-41834692	exon=> In CDS Exon 3 of transcript AGAP012418-PA
JHU_Ag_6753	VYTMNDMPVPEGDFFEEHRR	AGAP012418-PA	M4(Oxidation), M7(Oxidation)	65	2.87E-06	1	2501.092	2.25	Salivary gland	3L:-:41835070-41835011	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_8096	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation),M7(Oxidation)	102	4.29E-10	1	2313.001	2.54	Visceras	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_11750	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), N5(Deamidated), M7(Oxidation),"M4(Oxidation), M7(Oxidation)",M4(Oxidation),M7(Oxidation)	155	1.59E-15	1	2328.983	-2.94	Midgut	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_15472	GYHGPNNFR	AGAP012418-PA	-	42	0.000552544	1	1061.492	0.76	Visceras	3L:-:41835097-41835071	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_19724	VYTMNDMPVPEGDFFEEHRR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation),M7(Oxidation)	94	2.86E-09	1	2501.086	0.05	Head	3L:-:41835070-41835011	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_32196	ESGLIYLNYSPPK	AGAP012418-PA	-	62	8.03E-06	2	1480.770	1.05	Salivary gland	3L:-:41834730-41834692	exon=> In CDS Exon 3 of transcript AGAP012418-PA
JHU_Ag_34875	ESGLIYLNYSPPK	AGAP012418-PA	-	78	2.05E-07	2	1480.771	2.04	Ovary	3L:-:41834730-41834692	exon=> In CDS Exon 3 of transcript AGAP012418-PA
JHU_Ag_40199	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), M7(Oxidation)	128	7.44E-13	1	2344.992	2.81	Ovary	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_57859	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), M7(Oxidation)	76	1.29E-07	1	2344.998	5.39	Larva	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_59538	ESGLIYLNYSPPK	AGAP012418-PA	-	53	6.66E-05	2	1480.772	2.7	Pupa	3L:-:41834730-41834692	exon=> In CDS Exon 3 of transcript AGAP012418-PA
JHU_Ag_65172	VYTMNDMPVPEGDFFEEHRR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation)	94	4.20E-09	1	2469.103	2.88	Visceras	3L:-:41835070-41835011	exon=> In CDS Exon 2 of transcript AGAP012418-PA

JHU_Ag_68009	VYTMNDMPVPEGDFFEEHRR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation),M7(Oxidation)	109	9.51E-11	1	2501.093	2.76	Malpighian tubule	3L:-:41835070-41835011	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_79414	ESGLIYLNYSPPK	AGAP012418-PA	-	92	9.73E-09	1	1480.768	0.15	Head	3L:-:41834730-41834692	exon=> In CDS Exon 3 of transcript AGAP012418-PA
JHU_Ag_82977	ESGLIYLNYSPPK	AGAP012418-PA	-	91	1.25E-08	2	1480.768	0.07	Midgut	3L:-:41834730-41834692	exon=> In CDS Exon 3 of transcript AGAP012418-PA
JHU_Ag_83013	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation),M7(Oxidation)	104	1.87E-10	1	2344.986	0.47	Head	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_87806	VYTMNDMPVPEGDFFEEHRR	AGAP012418-PA	M4(Oxidation), M7(Oxidation)	82	4.94E-08	1	2501.094	3.2	Larva	3L:-:41835070-41835011	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_88982	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation),M7(Oxidation)	104	2.46E-10	1	2313.004	4	Malpighian tubule	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_94533	VYTMNDMPVPEGDFFEEHRR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation),M7(Oxidation)	114	3.85E-11	1	2469.097	0.14	Midgut	3L:-:41835070-41835011	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_95057	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), M7(Oxidation)	67	1.17E-06	1	2312.995	-0.23	Salivary gland	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_111436	VYTMNDMPVPEGDFFEEHR	AGAP012418-PA	M4(Oxidation), M7(Oxidation),M4(Oxidation)	113	2.09E-11	1	2344.984	-0.24	Pupa	3L:-:41835070-41835014	exon=> In CDS Exon 2 of transcript AGAP012418-PA
JHU_Ag_116335	ESGLIYLNYSPPK	AGAP012418-PA	-	87	2.83E-08	1	1480.771	1.96	Malpighian tubule	3L:-:41834730-41834692	exon=> In CDS Exon 3 of transcript AGAP012418-PA
JHU_Ag_7307	IADITDNYPYVPAQGECRLDCPLGYTLTR	AGAP012424-PA	C17(Carbamidomethyl), C21(Carbamidomethyl)	83	6.30E-08	1	3371.628	7.1	Malpighian tubule	3L:+:41935380-41935466	exon=> In CDS Exon 5 of transcript AGAP012424-PA
JHU_Ag_9004	TDLDSVQPTVR	AGAP012424-PA	-	64	6.43E-06	1	1230.633	0.68	Malpighian tubule	3L:+:41937598-41937630	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_12229	VDDVAYIQENDDATHILTK	AGAP012424-PA	-	68	2.61E-06	1	2160.047	0.66	Salivary gland	3L:+:41936336-41936392	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_12476	IMATTTAGNGPYSPPK	AGAP012424-PA	M2(Oxidation), N9(Deamidated)	83	8.01E-08	2	1622.770	-1.66	Midgut	3L:+:41937709-41937756	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_18174	LFAQVNPDYAGVTYK	AGAP012424-PA	-	83	6.88E-08	2	1685.858	2.99	Visceras	3L:+:41937901-41937945	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_21553	VDDVAYIQENDDATHILTK	AGAP012424-PA	-	68	2.49E-06	1	2160.052	2.87	Head	3L:+:41936336-41936392	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_22051	LFAQVNPDYAGVTYK	AGAP012424-PA	-	52	9.10E-05	2	1685.851	-1.13	Salivary gland	3L:+:41937901-41937945	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_33335	VDEWEVPR	AGAP012424-PA	-	39	0.001145929	2	1029.497	-2.6	Male reproductive organs	3L:+:41937946-41937969	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_33756	LQAFTQYAYYVK	AGAP012424-PA	-	81	1.17E-07	1	1494.763	-0.09	Ovary	3L:+:41936393-41936428	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_35560	IADITDNYPYVPAQGECR	AGAP012424-PA	C17(Carbamidomethyl)	36	0.003756267	1	2081.965	2.58	Ovary	3L:+:41935380-41935433	exon=> In CDS Exon 5 of transcript AGAP012424-PA
JHU_Ag_37089	ASARPSFIDIIR	AGAP012424-PA	-	33	0.003245683	1	1345.762	2.56	Head	3L:+:41938822-41938857	exon=> In CDS Exon 12 of transcript AGAP012424-PA
JHU_Ag_40693	VDDVAYIQENDDATHILTK	AGAP012424-PA	-	57	2.81E-05	1	2160.046	0.32	Ovary	3L:+:41936336-41936392	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_43036	TYTLSSENLGGQTDITYFR	AGAP012424-PA	-	45	0.000403846	2	2166.026	-3.97	Salivary gland	3L:+:41936429-41936485	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_47416	IADITDNYPYVPAQGECR	AGAP012424-PA	C17(Carbamidomethyl)	52	8.60E-05	1	2081.961	0.47	Midgut	3L:+:41935380-41935433	exon=> In CDS Exon 5 of transcript AGAP012424-PA
JHU_Ag_51069	LDCPLGYTLTR	AGAP012424-PA	C3(Carbamidomethyl)	59	2.58E-05	2	1308.661	-0.21	Head	3L:+:41935434-41935466	exon=> In CDS Exon 5 of transcript AGAP012424-PA

JHU_Ag_51741	IADITDNYPYVPAQGECRLDCPLGYTLTR	AGAP012424-PA	C17(Carbamidomethyl), C21(Carbamidomethyl)	62	8.52E-06	1	3371.610	1.77	Ovary	3L:+:41935380-41935466	exon=> In CDS Exon 5 of transcript AGAP012424-PA
JHU_Ag_58370	VDEWEVPR	AGAP012424-PA	-	52	4.93E-05	2	1029.499	-1.42	Salivary gland	3L:+:41937946-41937969	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_58523	TYTLSSENLGGQTDITYFR	AGAP012424-PA	-	107	2.66E-10	2	2166.029	-2.95	Midgut	3L:+:41936429-41936485	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_60242	LDCPLGYTLTR	AGAP012424-PA	C3(Carbamidomethyl)	46	0.000421385	1	1308.662	-0.02	Salivary gland	3L:+:41935434-41935466	exon=> In CDS Exon 5 of transcript AGAP012424-PA
JHU_Ag_61103	LDCPLGYTLTR	AGAP012424-PA	C3(Carbamidomethyl)	57	3.40E-05	2	1308.662	-0.02	Ovary	3L:+:41935434-41935466	exon=> In CDS Exon 5 of transcript AGAP012424-PA
JHU_Ag_70406	TYTLSSENLGGQTDITYFR	AGAP012424-PA	-	133	7.93E-13	1	2166.035	0.2	Ovary	3L:+:41936429-41936485	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_72360	ELGLTSLIDIQR	AGAP012424-PA	-	73	4.24E-07	2	1357.773	3.49	Head	3L:+:41924640-41924675	exon=> In CDS Exon 3 of transcript AGAP012424-PA
JHU_Ag_78293	ASARPSFIDIIR	AGAP012424-PA	-	49	9.51E-05	1	1345.764	3.72	Malpighian tubule	3L:+:41938822-41938857	exon=> In CDS Exon 12 of transcript AGAP012424-PA
JHU_Ag_78308	IADITDNYPYVPAQGECR	AGAP012424-PA	C17(Carbamidomethyl)	61	1.02E-05	1	2081.959	-0.58	Head	3L:+:41935380-41935433	exon=> In CDS Exon 5 of transcript AGAP012424-PA
JHU_Ag_79278	DIYETDYYRK	AGAP012424-PA	-	63	7.52E-06	1	1365.637	3.83	Malpighian tubule	3L:+:41938459-41938488	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_81299	TYTLSSENLGGQTDITYFR	AGAP012424-PA	-	111	1.09E-10	1	2166.036	0.54	Head	3L:+:41936429-41936485	exon=> In CDS Exon 7 of transcript AGAP012424-PA
JHU_Ag_86168	VLACREPAAK	AGAP012424-PA	C4(Carbamidomethyl)	40	0.001353227	1	1114.607	2.63	Malpighian tubule	3L:+:41937349-41937378	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_95442	LGNDVNVPCAIK	AGAP012424-PA	C9(Carbamidomethyl)	67	2.54E-06	1	1299.676	2.75	Malpighian tubule	3L:+:41938042-41938077	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_97682	HRPDYENGEESSPQPPTLK	AGAP012424-PA	N7(Deamidated)	118	2.56E-11	1	2181.020	-0.31	Head	3L:+:41938258-41938314	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_112378	SYALMSLGFFR	AGAP012424-PA	-	49	0.00026706	2	1291.647	-2.72	Head	3L:+:41935807-41935839	exon=> In CDS Exon 6 of transcript AGAP012424-PA
JHU_Ag_113086	TDLDSVQPTVR	AGAP012424-PA	-	30	0.013101885	2	1230.628	-3.98	Midgut	3L:+:41937598-41937630	exon=> In CDS Exon 11 of transcript AGAP012424-PA
JHU_Ag_17217	LKSESLNPDVFAGHYSTNEYMPLSK	AGAP012425-PA	M21(Oxidation)	111	1.18E-10	1	2843.359	1.31	Midgut	3L:-:41945199-41945125	exon=> In CDS Exon 1 of transcript AGAP012425-PA
JHU_Ag_21584	SESLNPDVFAGHYSTNEYMPLSK	AGAP012425-PA	M19(Oxidation)	29	0.011644688	1	2602.179	0.88	Midgut	3L:-:41945193-41945125	exon=> In CDS Exon 1 of transcript AGAP012425-PA
JHU_Ag_30732	LGANDLHSLNPDLFEHLPALEELSLELNPFK	AGAP012425-PA	-	93	4.17E-09	1	3485.798	0.64	Midgut	3L:-:41945109-41945017	exon=> In CDS Exon 1 of transcript AGAP012425-PA
JHU_Ag_32566	ANPWTCDCTNR	AGAP012425-PA	C6(Carbamidomethyl), C8(Carbamidomethyl)	39	0.00023082	2	1394.558	0.36	Midgut	3L:-:41944408-41944376	exon=> In CDS Exon 2 of transcript AGAP012425-PA
JHU_Ag_48968	QLTFLSLSYMSQLK	AGAP012425-PA	M10(Oxidation)	59	1.77E-05	2	1674.882	2.96	Midgut	3L:-:41944684-41944643	exon=> In CDS Exon 2 of transcript AGAP012425-PA
JHU_Ag_53144	WVLLSLLPIIER	AGAP012425-PA	-	73	3.67E-08	2	1451.899	0.48	Midgut	3L:-:41944375-41944340	exon=> In CDS Exon 2 of transcript AGAP012425-PA
JHU_Ag_68213	VIDQQSEIAIASIER	AGAP012425-PA	-	123	6.02E-12	2	1671.892	0.23	Midgut	3L:-:41945016-41944972	exon=> In CDS Exon 1 of transcript AGAP012425-PA
JHU_Ag_78370	LVFLVSTGLK	AGAP012425-PA	-	32	0.000562884	1	1076.671	-0.07	Midgut	3L:-:41945358-41945329	exon=> In CDS Exon 1 of transcript AGAP012425-PA
JHU_Ag_92937	LVSLDLSYMELEDIPK	AGAP012425-PA	M9(Oxidation)	108	2.51E-10	1	1864.963	0.73	Midgut	3L:-:41944971-41944924	exon=> In CDS Exon 1 of transcript AGAP012425-PA
JHU_Ag_99164	TTPAILNNIDCK	AGAP012425-PA	C11(Carbamidomethyl)	71	1.22E-06	2	1359.692	-0.96	Midgut	3L:-:41944339-41944703,41943601-41943868	exon=> In CDS Exon 3 and 2 of transcript AGAP012425-PA
JHU_Ag_22170	NPAEHQLNIGLLVPHTNFGR	AGAP012430-PA	-	59	1.26E-05	1	2227.178	2.37	Head	UNKN:-:400630-400571	exon=> In CDS Exon 1 of transcript AGAP012430-PA

JHU_Ag_65133	LVKLLAR	AGAP012433-PA	-	24	0.003567951	2	812.560	-14.25	Midgut	UNKN:-:655881-655861	exon=> In CDS Exon 6 of transcript AGAP012433-PA
JHU_Ag_101135	LVKLLAR	AGAP012433-PA	-	31	0.000731845	2	812.562	-11.92	Larva	UNKN:-:655881-655861	exon=> In CDS Exon 6 of transcript AGAP012433-PA
JHU_Ag_14607	NLFGGPNVWAPLMK	AGAP012443-PA	-	54	5.00E-05	2	1543.807	-1.23	Midgut	UNKN:+:1196622-1196663	exon=> In CDS Exon 2 of transcript AGAP012443-PA
JHU_Ag_45791	AVNCWEHVALK	AGAP012443-PA	C4(Carbamidomethyl)	74	5.17E-07	1	1326.663	0.57	Midgut	UNKN:+:1197098-1197130	exon=> In CDS Exon 3 of transcript AGAP012443-PA
JHU_Ag_6356	VWNTDIPFWVVQAYK	AGAP012445-PA	-	81	1.06E-07	2	1865.964	3.07	Male reproductive organs	UNKN:+:1239280-1239324	exon=> In CDS Exon 3 of transcript AGAP012445-PA
JHU_Ag_14968	SIGMFGFGAAVSQLLTDVGK	AGAP012445-PA	M4(Oxidation)	160	1.19E-15	1	1998.038	0.77	Midgut	UNKN:+:1239325-1239384	exon=> In CDS Exon 3 of transcript AGAP012445-PA
JHU_Ag_20458	YVTDFVCTSEK	AGAP012445-PA	C7(Carbamidomethyl)	76	2.56E-07	2	1348.608	-0.94	Midgut	UNKN:+:1241784-1241816	exon=> In CDS Exon 4 of transcript AGAP012445-PA
JHU_Ag_21225	LRPHFFDVCKPR	AGAP012445-PA	C9(Carbamidomethyl)	40	0.001157889	1	1571.828	0.86	Malpighian tubule	UNKN:+:1239400-1239420,1241724-1241738	exon=> In CDS Exon 3 and 4 of transcript AGAP012445-PA
JHU_Ag_24017	YELSPNHTHGNGN	AGAP012445-PA	N11(Deamidated)	44	0.000186898	2	1440.611	-1.82	Midgut	UNKN:+:1242258-1242296	exon=> In CDS Exon 5 of transcript AGAP012445-PA
JHU_Ag_38092	YVTDFVCTSEK	AGAP012445-PA	C7(Carbamidomethyl)	49	0.000152551	2	1348.610	0.51	Male reproductive organs	UNKN:+:1241784-1241816	exon=> In CDS Exon 4 of transcript AGAP012445-PA
JHU_Ag_42204	LRPHFFDVCKPR	AGAP012445-PA	C9(Carbamidomethyl)	42	0.000801512	1	1571.825	-1.19	Midgut	UNKN:+:1239400-1239420,1241724-1241738	exon=> In CDS Exon 3 and 4 of transcript AGAP012445-PA
JHU_Ag_54289	NSSETHPLK	AGAP012445-PA	-	52	6.92E-05	1	1012.507	0.92	Midgut	UNKN:+:1239253-1239279	exon=> In CDS Exon 3 of transcript AGAP012445-PA
JHU_Ag_66759	MPDGTTCADAINQGR	AGAP012445-PA	M1(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	128	1.07E-12	1	1606.691	-2.53	Midgut	UNKN:+:1241739-1241783	exon=> In CDS Exon 4 of transcript AGAP012445-PA
JHU_Ag_80041	VWNTDIPFWVVQAYK	AGAP012445-PA	-	71	1.13E-06	2	1865.961	1.44	Midgut	UNKN:+:1239280-1239324	exon=> In CDS Exon 3 of transcript AGAP012445-PA
JHU_Ag_72681	LHQLK	AGAP012447-PA	-	31	0.002060952	1	638.401	3.24	Head	UNKN:+:1556822-1556836	exon=> In CDS Exon 7 of transcript AGAP012447-PA
JHU_Ag_105974	QMAKTLLK	AGAP012459-PA	-	30	0.003933543	2	932.556	-4.06	Ovary	UNKN:+:3953309-3953332	exon=> In CDS Exon 2 of transcript AGAP012459-PA
JHU_Ag_54323	IGLSLALEKGHYSETDLK	AGAP012461-PA	-	36	0.001355776	1	1974.078	11.89	Larva	UNKN:+:4152092-4152107,4159289-4159326	exon=> In CDS Exon 6 and 7 of transcript AGAP012461-PA
JHU_Ag_64068	IGLSLALEKGHYSETDLK	AGAP012461-PA	-	36	0.001331566	1	1974.079	12.36	Head	UNKN:+:4152092-4152107,4159289-4159326	exon=> In CDS Exon 6 and 7 of transcript AGAP012461-PA
JHU_Ag_80073	IGLSLALEKGHYSETDLK	AGAP012461-PA	-	36	0.001785867	1	1974.070	7.91	Salivary gland	UNKN:+:4152092-4152107,4159289-4159326	exon=> In CDS Exon 6 and 7 of transcript AGAP012461-PA
JHU_Ag_107042	IGLSLALEKGHYSETDLK	AGAP012461-PA	-	30	0.006475954	1	1974.072	9.21	Malpighian tubule	UNKN:+:4152092-4152107,4159289-4159326	exon=> In CDS Exon 6 and 7 of transcript AGAP012461-PA
JHU_Ag_8484	WFEQQAGPGRPSLVK	AGAP012467-PA,AGAP001775-PA	-	52	7.73E-05	1	1699.894	1.49	Midgut	UNKN:+:4628657-4628701;2R:-:10160143-10160099	exon=> In CDS Exon 2 of transcript AGAP012467-PA;exon=> In CDS Exon 2 of transcript AGAP001775-PA
JHU_Ag_41773	VVNLLSNDVNR	AGAP012467-PA,AGAP001775-PA	-	60	1.08E-05	2	1242.679	-1.01	Midgut	UNKN:+:4629108-4629140;2R:-:10159699-10159667	exon=> In CDS Exon 3 of transcript AGAP012467-PA;exon=> In CDS Exon 3 of transcript AGAP001775-PA

JHU_Ag_78860	VVNLLSNDVNR	AGAP012467-PA,AGAP001775-PA	-	56	2.70E-05	1	1242.683	2.33	Malpighian tubule	UNKN:+:4629108-4629140;2R:-:10159699-10159667	exon=> In CDS Exon 3 of transcript AGAP012467-PA;exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_104628	TALGDTAPGK	AGAP012467-PA,AGAP001775-PA	-	63	9.48E-06	2	930.492	3.39	Malpighian tubule	UNKN:+:4629078-4629107;2R:-:10159729-10159700	exon=> In CDS Exon 3 of transcript AGAP012467-PA;exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_112685	TALGDTAPGK	AGAP012467-PA,AGAP001775-PA	-	38	0.003558627	2	930.489	-0.41	Midgut	UNKN:+:4629078-4629107;2R:-:10159729-10159700	exon=> In CDS Exon 3 of transcript AGAP012467-PA;exon=> In CDS Exon 3 of transcript AGAP001775-PA
JHU_Ag_34581	LAALLAR	AGAP012471-PA	-	31	0.002052881	1	727.482	-0.74	Midgut	UNKN:-:5018192-5018172	exon=> In CDS Exon 1 of transcript AGAP012471-PA
JHU_Ag_55184	LAALLAR	AGAP012471-PA	-	40	0.000297416	2	727.482	-0.84	Male reproductive organs	UNKN:-:5018192-5018172	exon=> In CDS Exon 1 of transcript AGAP012471-PA
JHU_Ag_64762	LAALLAR	AGAP012471-PA	-	39	0.000393686	1	727.483	0.75	Visceras	UNKN:-:5018192-5018172	exon=> In CDS Exon 1 of transcript AGAP012471-PA
JHU_Ag_84587	LAALLAR	AGAP012471-PA	-	39	0.000209146	1	727.482	-0.17	Ovary	UNKN:-:5018192-5018172	exon=> In CDS Exon 1 of transcript AGAP012471-PA
JHU_Ag_94938	LAALLAR	AGAP012471-PA	-	33	0.001778894	2	727.484	1.43	Malpighian tubule	UNKN:-:5018192-5018172	exon=> In CDS Exon 1 of transcript AGAP012471-PA
JHU_Ag_2789	DNKEPLIR	AGAP012475-PA,AGAP008249-PA	-	36	0.001735093	1	984.547	-0.34	Salivary gland	UNKN:-:5402078-5402055;3R:+:7876663-7876686	exon=> In CDS Exon 2 of transcript AGAP012475-PA;exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_4350	IADGFELAAQCAVK	AGAP012475-PA,AGAP008249-PA	C11(Carbamidomethyl)	75	5.48E-07	1	1492.751	2.93	Salivary gland	UNKN:-:5402159-5402118;3R:+:7876582-7876623	exon=> In CDS Exon 2 of transcript AGAP012475-PA;exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_5378	IADGFELAAQCAVK	AGAP012475-PA,AGAP008249-PA	C11(Carbamidomethyl)	75	5.85E-07	1	1492.749	1.71	Malpighian tubule	UNKN:-:5402159-5402118;3R:+:7876582-7876623	exon=> In CDS Exon 2 of transcript AGAP012475-PA;exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_24867	IADGFELAAQCAVK	AGAP012475-PA,AGAP008249-PA	C11(Carbamidomethyl)	63	8.07E-06	1	1492.746	-0.67	Male reproductive organs	UNKN:-:5402159-5402118;3R:+:7876582-7876623	exon=> In CDS Exon 2 of transcript AGAP012475-PA;exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_56004	HLDTIAHPFPVSR	AGAP012475-PA,AGAP008249-PA	-	92	8.85E-09	1	1489.792	0.73	Head	UNKN:-:5402117-5402079;3R:+:7876624-7876662	exon=> In CDS Exon 2 of transcript AGAP012475-PA;exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_61088	LMDVDHEIGK	AGAP012475-PA,AGAP008249-PA	M2(Oxidation)	65	2.89E-06	1	1172.563	1.13	Head	UNKN:-:5402318-5402289;3R:+:7876423-7876452	exon=> In CDS Exon 2 of transcript AGAP012475-PA;exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_71047	DNKEPLIR	AGAP012475-PA,AGAP008249-PA	-	37	0.001397464	1	984.553	5.55	Male reproductive organs	UNKN:-:5402078-5402055;3R:+:7876663-7876686	exon=> In CDS Exon 2 of transcript AGAP012475-PA;exon=> In CDS Exon 2 of transcript AGAP008249-PA
JHU_Ag_15724	SVYELGWLLGR	AGAP012477-PA	-	69	1.11E-06	1	1292.704	3.36	Ovary	UNKN:+:5484759-5484791	exon=> In CDS Exon 1 of transcript AGAP012477-PA
JHU_Ag_37214	VLDWERFDVDGVNVVR	AGAP012477-PA	-	38	0.002577061	1	1917.989	3.88	Ovary	UNKN:+:5484645-5484692	exon=> In CDS Exon 1 of transcript AGAP012477-PA
JHU_Ag_62845	SVYELGWLLGR	AGAP012477-PA	-	39	0.001464598	2	1292.702	1.76	Pupa	UNKN:+:5484759-5484791	exon=> In CDS Exon 1 of transcript AGAP012477-PA
JHU_Ag_79427	DSHFSVPLDRVEPWYR	AGAP012477-PA	-	58	3.03E-05	1	2002.979	0.87	Ovary	UNKN:+:5486134-5486181	exon=> In CDS Exon 3 of transcript AGAP012477-PA
JHU_Ag_69973	TAPGDILTFSNVR	AGAP012477-PA,AGAP008246-PA	-	70	1.51E-06	1	1390.731	-0.95	Malpighian tubule	UNKN:+:5486233-5486271;3R:-:7791768-7791730	exon=> In CDS Exon 3 of transcript AGAP012477-PA;exon=> In CDS Exon 3 of transcript AGAP008246-PA

JHU_Ag_2212	KPEIMADAAYAILSK	AGAP012513-PA	M5(Oxidation)	60	1.11E-05	1	1636.864	1.46	Salivary gland	UNKN:+:9869031-9869075	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_3179	HFFDMFTGK	AGAP012513-PA	M5(Oxidation)	39	0.000787822	1	1145.510	1.47	Head	UNKN:+:9869496-9869522	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_3857	LPGTIYTAAK	AGAP012513-PA	-	67	1.58E-06	1	1034.588	-0.4	Malpighian tubule	UNKN:+:9868358-9868387	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_5427	YGMSMCVLGMAK	AGAP012513-PA	M3(Oxidation), M5(Oxidation), C6(Carbamidomethyl), M10(Oxidation)	31	0.002672289	1	1395.579	1.28	Male reproductive organs	UNKN:+:9868887-9868922	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_8214	LPGTIYTAAK	AGAP012513-PA	-	49	7.98E-05	1	1034.590	1.96	Ovary	UNKN:+:9868358-9868387	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_10854	TAIHTAAMEMLTGK	AGAP012513-PA	-	42	0.000976159	1	1474.740	0.28	Malpighian tubule	UNKN:+:9868968-9869009	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_14161	YDLMHQINTR	AGAP012513-PA	-	41	0.001169131	1	1290.627	1.09	Malpighian tubule	UNKN:+:9868650-9868679	exon=> In CDS Exon 3 of transcript AGAP012513-PA
JHU_Ag_14399	TLFITGASR	AGAP012513-PA	-	37	0.001657611	2	965.541	-0.14	Visceras	UNKN:+:9868244-9868270	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_14590	AAQDGANVVVAAK	AGAP012513-PA	-	86	3.46E-08	1	1213.653	-0.9	Head	UNKN:+:9868298-9868336	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_19608	RYDLMHQINTR	AGAP012513-PA	M5(Oxidation)	50	0.000153918	1	1462.718	-2.45	Head	UNKN:+:9868647-9868679	exon=> In CDS Exon 3 of transcript AGAP012513-PA
JHU_Ag_19899	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	133	7.17E-13	1	1919.002	0.76	Head	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_22392	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	71	1.03E-06	2	1918.999	-1.08	Midgut	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_27634	AAQDGANVVVAAK	AGAP012513-PA	-	105	3.37E-10	1	1213.656	1.92	Ovary	UNKN:+:9868298-9868336	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_28515	ALPCVVDVRDEGAVR	AGAP012513-PA	C4(Carbamidomethyl)	62	8.22E-06	1	1655.854	0.35	Malpighian tubule	UNKN:+:9868500-9868544	exon=> In CDS Exon 3 of transcript AGAP012513-PA
JHU_Ag_29230	LPGTIYTAAK	AGAP012513-PA	-	52	5.25E-05	1	1034.589	0.66	Pupa	UNKN:+:9868358-9868387	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_29703	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	128	1.93E-12	1	1919.006	2.61	Pupa	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_29745	IESLLSEEIVR	AGAP012513-PA	-	61	9.52E-06	2	1287.721	3.87	Ovary	UNKN:+:9869322-9869354	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_31413	IESLLSEEIVRK	AGAP012513-PA	-	32	0.002987386	1	1415.816	3.87	Ovary	UNKN:+:9869322-9869357	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_32267	GTFLVSKECIPYLR	AGAP012513-PA	C9(Carbamidomethyl)	55	2.96E-05	2	1682.893	-0.01	Malpighian tubule	UNKN:+:9868680-9868693,9868766-9868793	exon=> In CDS Exon 3 and 4 of transcript AGAP012513-PA
JHU_Ag_34707	TLFITGASR	AGAP012513-PA	-	53	4.04E-05	2	965.542	0.12	Pupa	UNKN:+:9868244-9868270	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_35747	GNPPATADAVLTMDSK	AGAP012513-PA	M13(Oxidation)	89	1.61E-08	1	1603.765	1.02	Malpighian tubule	UNKN:+:9869448-9869495	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_38302	TLFITGASR	AGAP012513-PA	-	41	0.000641126	1	965.540	-1.28	Male reproductive organs	UNKN:+:9868244-9868270	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_40519	AAQDGANVVVAAK	AGAP012513-PA	-	107	2.42E-10	2	1213.652	-1.5	Pupa	UNKN:+:9868298-9868336	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_42458	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	73	7.34E-07	2	1918.998	-1.27	Male reproductive organs	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_44706	IESLLSEEIVR	AGAP012513-PA	-	53	6.25E-05	2	1287.716	0.55	Midgut	UNKN:+:9869322-9869354	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_45101	AAQDGANVVVAAK	AGAP012513-PA	-	105	3.51E-10	1	1213.657	2.83	Larva	UNKN:+:9868298-9868336	exon=> In CDS Exon 2 of transcript AGAP012513-PA

JHU_Ag_50239	MINTGKLAGR	AGAP012513-PA	N-Term(Acetyl), M1(Oxidation)	38	0.002337386	2	1118.600	1.16	Malpighian tubule	UNKN:+:9867751-9867764,9868228-9868243	exon=> In CDS Exon 1 and 2 of transcript AGAP012513-PA
JHU_Ag_50850	TAVQNAVAK	AGAP012513-PA	-	52	0.000119666	2	901.510	0.11	Malpighian tubule	UNKN:+:9868545-9868571	exon=> In CDS Exon 3 of transcript AGAP012513-PA
JHU_Ag_52286	LKPANAFMTGK	AGAP012513-PA	M8(Oxidation)	37	0.002470144	1	1193.636	0.84	Malpighian tubule	UNKN:+:9869523-9869555	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_52601	AAQDGANVVVAAK	AGAP012513-PA	-	53	6.48E-05	2	1213.661	6.35	Male reproductive organs	UNKN:+:9868298-9868336	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_54316	ALPCVVDVRDEGAVR	AGAP012513-PA	C4(Carbamidomethyl)	39	0.001626183	1	1655.853	-0.16	Visceras	UNKN:+:9868500-9868544	exon=> In CDS Exon 3 of transcript AGAP012513-PA
JHU_Ag_55039	LMPDFFLDVEPEK	AGAP012513-PA	M2(Oxidation)	84	7.26E-08	1	1579.773	1.12	Head	UNKN:+:9869184-9869222	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_55200	KPEIMADAAYAILSK	AGAP012513-PA	M5(Oxidation)	93	5.37E-09	1	1620.872	3.15	Head	UNKN:+:9869031-9869075	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_57857	TAIHTAAMEMLTGK	AGAP012513-PA	M8(Oxidation), M10(Oxidation)	62	1.14E-05	1	1506.733	2.44	Head	UNKN:+:9868968-9869009	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_60566	LPGTIYTAAK	AGAP012513-PA	-	33	0.003663276	1	1034.589	0.78	Salivary gland	UNKN:+:9868358-9868387	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_64640	KPAGEAAAGGK	AGAP012513-PA	-	36	0.002203646	2	956.517	1.27	Head	UNKN:+:9869268-9869300	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_64837	TAIHTAAMEMLTGK	AGAP012513-PA	M8(Oxidation), M10(Oxidation)	61	1.47E-05	1	1506.734	3.01	Larva	UNKN:+:9868968-9869009	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_65919	YDLMHQINTR	AGAP012513-PA	M4(Oxidation)	42	0.000920481	1	1306.621	-0.27	Salivary gland	UNKN:+:9868650-9868679	exon=> In CDS Exon 3 of transcript AGAP012513-PA
JHU_Ag_67845	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	139	1.81E-13	2	1919.003	1.15	Visceras	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_69722	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	135	4.05E-13	1	1919.005	2.35	Malpighian tubule	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_74400	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	116	3.13E-11	1	1919.003	1.08	Salivary gland	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_75055	TLFITGASR	AGAP012513-PA	-	55	2.87E-05	1	965.542	0.62	Malpighian tubule	UNKN:+:9868244-9868270	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_77907	AAQDGANVVVAAK	AGAP012513-PA	-	106	3.40E-10	1	1213.652	-1.3	Malpighian tubule	UNKN:+:9868298-9868336	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_78232	TGAVYEFK	AGAP012513-PA	-	39	0.001060929	2	914.464	1.93	Malpighian tubule	UNKN:+:9869358-9869381	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_78451	IESLLSEEIVR	AGAP012513-PA	-	48	0.000167592	2	1287.718	1.98	Visceras	UNKN:+:9869322-9869354	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_79415	HFFDMFTGK	AGAP012513-PA	-	49	0.000101409	1	1129.515	0.99	Malpighian tubule	UNKN:+:9869496-9869522	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_80824	FLIDDEVLQAEGITDLK	AGAP012513-PA	-	123	7.45E-12	1	1919.004	1.72	Ovary	UNKN:+:9869100-9869150	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_81269	TLFITGASR	AGAP012513-PA	-	44	0.000376655	2	965.540	-1.84	Head	UNKN:+:9868244-9868270	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_84479	KPEIMADAAYAILSKEPR	AGAP012513-PA	M5(Oxidation)	104	3.43E-10	1	2003.071	3.88	Malpighian tubule	UNKN:+:9869031-9869084	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_85425	IESLLSEEIVR	AGAP012513-PA	-	70	1.21E-06	2	1287.719	2.83	Malpighian tubule	UNKN:+:9869322-9869354	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_87901	TLFITGASR	AGAP012513-PA	-	37	0.001599617	1	965.544	2.52	Ovary	UNKN:+:9868244-9868270	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_91081	IESLLSEEIVR	AGAP012513-PA	-	53	4.88E-05	2	1287.719	2.92	Head	UNKN:+:9869322-9869354	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_94142	LVEFAAEGSHAASLK	AGAP012513-PA	-	70	1.62E-06	2	1529.796	-0.14	Salivary gland	UNKN:+:9869223-9869267	exon=> In CDS Exon 4 of transcript AGAP012513-PA

JHU_Ag_95270	KPEIMADAAYAILSK	AGAP012513-PA	M5(Oxidation)	74	4.22E-07	1	1620.871	2.7	Malpighian tubule	UNKN:+:9869031-9869075	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_97309	LPGTIYTAAK	AGAP012513-PA	-	53	4.33E-05	1	1034.588	0.19	Visceras	UNKN:+:9868358-9868387	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_99136	LKISGDLQK	AGAP012513-PA	-	40	0.000612604	1	1001.597	-1.99	Malpighian tubule	UNKN:+:9869556-9869582	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_100878	GNPPATADAVLTMDSK	AGAP012513-PA	-	87	2.72E-08	2	1587.772	2.21	Head	UNKN:+:9869448-9869495	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_103899	AAQDGANVVVAAK	AGAP012513-PA	-	102	8.65E-10	1	1213.653	-0.29	Salivary gland	UNKN:+:9868298-9868336	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_105081	TADPHPKLPGTIYTAAK	AGAP012513-PA	-	95	2.49E-09	1	1780.960	0.26	Malpighian tubule	UNKN:+:9868337-9868387	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_106942	KPEIMADAAYAILSK	AGAP012513-PA	M5(Oxidation)	62	7.40E-06	2	1636.863	0.71	Male reproductive organs	UNKN:+:9869031-9869075	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_108745	LPGTIYTAAK	AGAP012513-PA	-	36	0.001941309	1	1034.589	1.08	Midgut	UNKN:+:9868358-9868387	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_109818	GNPPATADAVLTMDSK	AGAP012513-PA	M13(Oxidation)	43	0.000638397	1	1603.772	5.36	Male reproductive organs	UNKN:+:9869448-9869495	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_115452	TLFITGASR	AGAP012513-PA	-	52	4.97E-05	2	965.542	0.56	Salivary gland	UNKN:+:9868244-9868270	exon=> In CDS Exon 2 of transcript AGAP012513-PA
JHU_Ag_115507	IESLLSEEIVR	AGAP012513-PA	-	72	7.28E-07	2	1287.716	0.08	Salivary gland	UNKN:+:9869322-9869354	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_116185	TAIHTAAMEMLTGKESDQFSR	AGAP012513-PA	-	111	1.22E-10	1	2324.116	6.32	Malpighian tubule	UNKN:+:9868968-9869030	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_116542	GEESGTWFADLK	AGAP012513-PA	-	82	8.86E-08	2	1339.618	1.16	Head	UNKN:+:9869388-9869423	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_117677	LVEFAAEGSHAASLK	AGAP012513-PA	-	80	1.50E-07	1	1529.802	3.69	Malpighian tubule	UNKN:+:9869223-9869267	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_117786	GNPPATADAVLTMDSK	AGAP012513-PA	M13(Oxidation)	42	0.00075372	2	1603.763	-0.2	Salivary gland	UNKN:+:9869448-9869495	exon=> In CDS Exon 4 of transcript AGAP012513-PA
JHU_Ag_44409	AIALR	AGAP012513-PA,AGAP008973-PA,AGAP013401-PA	-	32	0.002037746	1	543.363	2.9	Malpighian tubule	UNKN:+:9868283-9868297;3R:-:22368942-22368928;2L:+:30507785-30507799	exon=> In CDS Exon 2 of transcript AGAP012513-PA;exon=> In CDS Exon 4 of transcript AGAP008973-PA;exon=> In CDS Exon 1 of transcript AGAP013401-PA
JHU_Ag_14014	LAGITLFITGASR	AGAP012514-PA	-	59	2.96E-06	2	1319.776	6.02	Malpighian tubule	UNKN:+:9870298-9870336	exon=> In CDS Exon 1 of transcript AGAP012514-PA
JHU_Ag_37387	DGANIVLAAK	AGAP012514-PA	-	68	1.82E-06	2	971.553	1.41	Malpighian tubule	UNKN:+:9870373-9870402	exon=> In CDS Exon 1 of transcript AGAP012514-PA
JHU_Ag_40177	LPGTIYTAAAEIEAAGGK	AGAP012514-PA	-	51	9.91E-05	2	1732.922	6.12	Larva	UNKN:+:9870424-9870457,9870528-9870547	exon=> In CDS Exon 1 and 2 of transcript AGAP012514-PA
JHU_Ag_79316	GTFLVSKECLPYLR	AGAP012514-PA	C9(Carbamidomethyl)	55	2.96E-05	2	1682.893	-0.01	Malpighian tubule	UNKN:+:9870728-9870741,9870823-9870850	exon=> In CDS Exon 2 and 3 of transcript AGAP012514-PA
JHU_Ag_93548	LPGTIYTAAAEIEAAGGK	AGAP012514-PA	-	43	0.000701364	2	1732.913	0.56	Pupa	UNKN:+:9870424-9870457,9870528-9870547	exon=> In CDS Exon 1 and 2 of transcript AGAP012514-PA
JHU_Ag_1020	AIGDYPAEYNPK	AGAP012515-PA	-	76	4.57E-07	2	1337.640	1.83	Malpighian tubule	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_4107	AIGDYPAEYNPK	AGAP012515-PA	-	41	0.001262373	2	1337.640	2.28	Larva	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA

JHU_Ag_6944	AIAGVFSR	AGAP012515-PA	-	41	0.000891592	2	820.467	-1.23	Head	UNKN:-:10361817-10361794	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_19540	ADAPFGQVK	AGAP012515-PA	-	71	1.43E-06	2	932.485	1.73	Malpighian tubule	UNKN:-:10361892-10361866	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_24293	LGDLGAWFGR	AGAP012515-PA	-	69	1.87E-06	2	1091.563	-0.37	Salivary gland	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_32782	LGDLGAWFGR	AGAP012515-PA	-	69	1.74E-06	2	1091.567	3.32	Larva	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_34982	AIGDYPAEYNPK	AGAP012515-PA	-	72	1.03E-06	1	1337.637	-0.18	Ovary	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_42004	FYGKADAPFGQVK	AGAP012515-PA	-	83	5.61E-08	1	1427.734	1.55	Malpighian tubule	UNKN:-:10361904-10361866	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_42993	AIAGVFSR	AGAP012515-PA	-	46	0.000268637	2	820.468	0.03	Visceras	UNKN:-:10361817-10361794	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_43509	LGDLGAWFGR	AGAP012515-PA	-	81	1.21E-07	1	1091.566	2.87	Malpighian tubule	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_45146	LGDLGAWFGRR	AGAP012515-PA	-	47	0.000259549	1	1247.664	-0.07	Head	UNKN:-:10361865-10361833	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_47772	LGDLGAWFGR	AGAP012515-PA	-	84	5.66E-08	2	1091.566	2.2	Ovary	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_51473	ADAPFGQVK	AGAP012515-PA	-	51	0.000127604	2	932.484	-0.17	Salivary gland	UNKN:-:10361892-10361866	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_52353	LGDLGAWFGRR	AGAP012515-PA	-	45	0.000444157	1	1247.663	-1.05	Visceras	UNKN:-:10361865-10361833	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_59897	AIGDYPAEYNPK	AGAP012515-PA	-	61	1.31E-05	1	1337.638	0.19	Pupa	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_65166	AIGDYPAEYNPK	AGAP012515-PA	-	78	2.16E-07	1	1337.638	0.64	Visceras	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_67848	VHGPYDPARFYGK	AGAP012515-PA	-	38	0.003223842	1	1506.750	0.54	Malpighian tubule	UNKN:-:10361931-10361893	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_68128	AIGDYPAEYNPK	AGAP012515-PA	-	76	3.91E-07	2	1337.635	-2.01	Midgut	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_79692	AIGDYPAEYNPK	AGAP012515-PA	-	72	1.15E-06	1	1337.640	2.1	Head	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_80935	ADAPFGQVK	AGAP012515-PA	-	74	5.98E-07	2	932.484	0.36	Visceras	UNKN:-:10361892-10361866	exon=> In CDS Exon 1 of transcript AGAP012515-PA

JHU_Ag_84445	ADAPFGQVK	AGAP012515-PA	-	64	6.12E-06	2	932.483	-0.75	Pupa	UNKN:-:10361892-10361866	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_85385	LGDLGAWFGR	AGAP012515-PA	-	84	5.90E-08	2	1091.562	-1.49	Pupa	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_86845	LGDLGAWFGR	AGAP012515-PA	-	80	1.32E-07	2	1091.559	-4.18	Midgut	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_86864	AIAGVFSR	AGAP012515-PA	-	36	0.002501302	2	820.468	0.93	Salivary gland	UNKN:-:10361817-10361794	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_89628	AIAGVFSR	AGAP012515-PA	-	40	0.000923675	2	820.469	2.12	Pupa	UNKN:-:10361817-10361794	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_95513	LGDLGAWFGR	AGAP012515-PA	-	93	7.18E-09	2	1091.564	0.97	Head	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_100125	AIGDYPAEYNPK	AGAP012515-PA	-	53	7.41E-05	1	1337.638	0.37	Salivary gland	UNKN:-:10361967-10361932	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_101533	AIAGVFSR	AGAP012515-PA	-	39	0.001156554	2	820.467	-0.49	Midgut	UNKN:-:10361817-10361794	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_102714	ADAPFGQVK	AGAP012515-PA	-	37	0.003249658	2	932.483	-0.69	Ovary	UNKN:-:10361892-10361866	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_106347	AIAGVFSR	AGAP012515-PA	-	40	0.000836603	2	820.469	2.12	Malpighian tubule	UNKN:-:10361817-10361794	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_109997	ADAPFGQVK	AGAP012515-PA	-	76	4.36E-07	2	932.486	2.32	Head	UNKN:-:10361892-10361866	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_115433	LGDLGAWFGRR	AGAP012515-PA	-	51	9.70E-05	1	1247.668	2.71	Malpighian tubule	UNKN:-:10361865-10361833	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_115747	LGDLGAWFGR	AGAP012515-PA	-	93	8.22E-09	2	1091.564	0.41	Visceras	UNKN:-:10361865-10361836	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_116184	AIGDYPAEYNPKVHGPYDPAR	AGAP012515-PA	-	103	8.81E-10	1	2330.128	3.32	Malpighian tubule	UNKN:-:10361967-10361905	exon=> In CDS Exon 1 of transcript AGAP012515-PA
JHU_Ag_76160	DKNPR	AGAP012515-PA,AGAP005287-PA	N3(Deamidated)	30	0.004551935	1	630.323	3.23	Head	UNKN:-:10361832-10361818;2L:-:13670115-13670101	exon=> In CDS Exon 1 of transcript AGAP012515-PA;exon=> In CDS Exon 5 of transcript AGAP005287-PA
JHU_Ag_79429	SFEDWLNLVK	AGAP012517-PA	N-Term(Acetyl)	49	0.00018729	2	1292.653	0.44	Ovary	UNKN:-:10383389-10383360	exon=> In CDS Exon 1 of transcript AGAP012517-PA
JHU_Ag_103772	DIHDLYPAGDIESLELFEK	AGAP012518-PA	-	86	4.38E-08	1	2204.083	3.07	Head	UNKN:-:10618445-10618389	exon=> In CDS Exon 3 of transcript AGAP012518-PA
JHU_Ag_7133	LANKDSIIEELSR	AGAP012521-PA	-	34	0.004123879	1	1487.812	3.85	Malpighian tubule	UNKN:-:10873136-10873098	exon=> In CDS Exon 2 of transcript AGAP012521-PA

JHU_Ag_104684	EEEIKTLR	AGAP012521-PA	-	41	0.001276036	1	1017.572	14.63	Salivary gland	UNKN:-:10872032-10872009	exon=> In CDS Exon 2 of transcript AGAP012521-PA
JHU_Ag_107529	DLLLCQENVSQLKQK	AGAP012521-PA	C5(Carbamidomethyl), N8(Deamidated), Q11(Deamidated)	39	0.001883386	1	1817.944	6.99	Salivary gland	UNKN:-:10872284-10872240	exon=> In CDS Exon 2 of transcript AGAP012521-PA
JHU_Ag_8114	GDIDDEDDEESYYR	AGAP012523-PA	-	63	3.33E-07	2	1720.649	1.82	Head	UNKN:-:10904831-10904969,10902878-10904708	exon=> In CDS Exon 4 and 3 of transcript AGAP012523-PA
JHU_Ag_27945	VLVEDGDPSGPSPGSSK	AGAP012523-PA	-	38	0.002412543	2	1627.787	3.67	Malpighian tubule	UNKN:-:10903153-10903103	exon=> In CDS Exon 4 of transcript AGAP012523-PA
JHU_Ag_88	MTHDQFNINLQTGPNTNPRDDTALHISIRPR	AGAP012529-PA	M1(Oxidation)	72	6.47E-07	1	3588.770	-0.81	Midgut	UNKN:-:11588478-11588547,11588073-11588316	exon=> In CDS Exon 3 and 2 of transcript AGAP012529-PA
JHU_Ag_1602	NSIQFR	AGAP012529-PA	-	39	0.001433554	2	764.406	0.91	Midgut	UNKN:-:11588297-11588280	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_12023	NSIQFR	AGAP012529-PA	N1(Deamidated), Q4(Deamidated)	36	0.003335309	2	766.375	3.12	Larva	UNKN:-:11588297-11588280	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_19759	FVHIGEGANVDAITTE	AGAP012529-PA	-	57	3.16E-05	2	1672.825	4.32	Malpighian tubule	UNKN:-:11588123-11588076	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_39200	MTHDQFNINLQTGPNTNPR	AGAP012529-PA	M1(Oxidation)	64	6.74E-06	1	2214.038	0.81	Malpighian tubule	UNKN:-:11588478-11588547,11588073-11588352	exon=> In CDS Exon 3 and 2 of transcript AGAP012529-PA
JHU_Ag_54698	SYFDVTITVKPDSYGIAVNGAHYCDFNHR	AGAP012529-PA	C24(Carbamidomethyl), N27(Deamidated),C24(Carbamidomethyl),"N19(Deamidated), C24(Carbamidomethyl)"	83	6.42E-08	1	3346.560	0.29	Midgut	UNKN:-:11588231-11588145	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_55576	DDTALHISIRPR	AGAP012529-PA	-	39	0.001018286	1	1393.755	0.51	Visceras	UNKN:-:11588351-11588316	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_60457	SALPAYSPPTPFLAHMPAGLGIYR	AGAP012529-PA	N-Term(Acetyl)	82	6.81E-08	1	2569.329	0.53	Midgut	UNKN:-:11588643-11588646,11588465-11588500	exon=> In CDS Exon 2 and 1 of transcript AGAP012529-PA
JHU_Ag_64099	DDTALHISIRPR	AGAP012529-PA	-	66	2.57E-06	1	1393.751	-2.85	Midgut	UNKN:-:11588351-11588316	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_64428	DDTALHISIRPR	AGAP012529-PA	-	61	6.36E-06	1	1393.757	1.83	Larva	UNKN:-:11588351-11588316	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_67255	MTHDQFNINLQTGPNTNPR	AGAP012529-PA	M1(Oxidation)	112	1.00E-10	1	2214.040	2.08	Larva	UNKN:-:11588478-11588547,11588073-11588352	exon=> In CDS Exon 3 and 2 of transcript AGAP012529-PA

JHU_Ag_68753	NWGIEER	AGAP012529-PA	-	35	0.003160266	1	903.431	-1.29	Midgut	UNKN:-:11588279-11588259	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_80698	GRMTHDQFNINLQTGPNTNPR	AGAP012529-PA	M3(Oxidation)	59	1.54E-05	3	2427.155	-1.19	Midgut	UNKN:-:11588484-11588547,11588073-11588352	exon=> In CDS Exon 3 and 2 of transcript AGAP012529-PA
JHU_Ag_81590	FVHIGEGANVDAITTE	AGAP012529-PA	-	97	2.96E-09	1	1672.812	-3.41	Midgut	UNKN:-:11588123-11588076	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_83607	KSYFDVTITVKPDSYGIAVNGAHYCDFNHR	AGAP012529-PA	N20(Deamidated), C25(Carbamidomethyl)	44	0.000550941	1	3475.633	-1.24	Midgut	UNKN:-:11588234-11588145	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_85124	SALPAYSPPTPFLAHMPAGLGIYRK	AGAP012529-PA	N-Term(Acetyl), M16(Oxidation)	54	2.58E-05	1	2713.427	3.66	Malpighian tubule	UNKN:-:11588643-11588646,11588465-11588497	exon=> In CDS Exon 2 and 1 of transcript AGAP012529-PA
JHU_Ag_104613	SALPAYSPPTPFLAHMPAGLGIYRK	AGAP012529-PA	N-Term(Acetyl), M16(Oxidation)	44	0.000307085	1	2713.417	-0.12	Midgut	UNKN:-:11588643-11588646,11588465-11588497	exon=> In CDS Exon 2 and 1 of transcript AGAP012529-PA
JHU_Ag_105579	SALPAYSPPTPFLAHMPAGLGIYRK	AGAP012529-PA	N-Term(Acetyl)	34	0.002096864	1	2697.452	10.85	Malpighian tubule	UNKN:-:11588643-11588646,11588465-11588497	exon=> In CDS Exon 2 and 1 of transcript AGAP012529-PA
JHU_Ag_107344	DGVIIR	AGAP012529-PA	-	39	0.001010394	1	672.403	-1.11	Midgut	UNKN:-:11588315-11588298	exon=> In CDS Exon 3 of transcript AGAP012529-PA
JHU_Ag_109947	SALPAYSPPTPFLAHMPAGLGIYR	AGAP012529-PA	N-Term(Acetyl), M16(Oxidation)	69	1.50E-06	1	2585.318	-1.47	Midgut	UNKN:-:11588643-11588646,11588465-11588500	exon=> In CDS Exon 2 and 1 of transcript AGAP012529-PA
JHU_Ag_113543	SALPAYSPPTPFLAHMPAGLGIYR	AGAP012529-PA	N-Term(Acetyl), M16(Oxidation)	57	1.86E-05	1	2585.332	3.73	Larva	UNKN:-:11588643-11588646,11588465-11588500	exon=> In CDS Exon 2 and 1 of transcript AGAP012529-PA
JHU_Ag_115898	MTHDQFNINLQTGPNTNPR	AGAP012529-PA	N15(Deamidated),"M1(Oxidation), N15(Deamidated)",M1(Oxidation)	111	9.99E-11	1	2198.057	7.45	Midgut	UNKN:-:11588478-11588547,11588073-11588352	exon=> In CDS Exon 3 and 2 of transcript AGAP012529-PA
JHU_Ag_5365	MPYASVR	AGAP012529-PA,AGAP004807-PA,AGAP013132-PA	-	36	0.002491303	1	823.413	-0.56	Midgut	UNKN:-:11588144-11588124;2L:+:3781067-3781087;UNKN:+:11587362-11587382	exon=> In CDS Exon 3 of transcript AGAP012529-PA;exon=> In CDS Exon 3 of transcript AGAP004807-PA;exon=> In CDS Exon 1 of transcript AGAP013132-PA
JHU_Ag_101582	FGGCPVQK	AGAP012529-PA,AGAP004807-PA,AGAP013132-PA	C4(Carbamidomethyl)	38	0.002328672	2	892.437	2.35	Midgut	UNKN:-:11588258-11588235;2L:+:3780953-3780976;UNKN:+:11587248-11587271	exon=> In CDS Exon 3 of transcript AGAP012529-PA;exon=> In CDS Exon 3 of transcript AGAP004807-PA;exon=> In CDS Exon 1 of transcript AGAP013132-PA

JHU_Ag_1187	LREEFLK	AGAP012533-PA,AGAP003328-PA	-	45	0.000236214	1	934.537	0.92	Visceras	UNKN:+:11896299-11896319;2R:+:36027980-36028000	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_1722	LREEFLK	AGAP012533-PA,AGAP003328-PA	-	45	0.000280724	1	934.533	-2.42	Head	UNKN:+:11896299-11896319;2R:+:36027980-36028000	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_8534	TVQSVRPILSVDR	AGAP012533-PA,AGAP003328-PA	-	53	3.22E-05	1	1469.843	-0.51	Ovary	UNKN:+:11895988-11896026;2R:+:36027668-36027706	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_10089	VIDMLVIK	AGAP012533-PA,AGAP003328-PA	M4(Oxidation)	40	0.000382001	2	946.565	1	Visceras	UNKN:+:11896344-11896367;2R:+:36028025-36028048	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_13027	TVQSVRPILSVDR	AGAP012533-PA,AGAP003328-PA	-	54	2.16E-05	1	1469.847	2.43	Visceras	UNKN:+:11895988-11896026;2R:+:36027668-36027706	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_27601	QIPYIVMDYDIPK	AGAP012533-PA,AGAP003328-PA	M7(Oxidation)	61	9.67E-06	1	1594.821	1.26	Head	UNKN:+:11896075-11896090,11896252-11896274;2R:+:36027755-36027770,36027933-36027955	exon=> In CDS Exon 1 and 2 of transcript AGAP012533-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003328-PA
JHU_Ag_45662	TVQSVRPILSVDREEAR	AGAP012533-PA,AGAP003328-PA	-	38	0.001299054	1	1955.068	0.66	Visceras	UNKN:+:11895988-11896038;2R:+:36027668-36027718	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_47556	LREEFLK	AGAP012533-PA,AGAP003328-PA	-	38	0.001024014	2	934.538	2.09	Malpighian tubule	UNKN:+:11896299-11896319;2R:+:36027980-36028000	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_48836	VIDMLVIK	AGAP012533-PA,AGAP003328-PA	-	34	0.001622741	1	930.572	2.7	Malpighian tubule	UNKN:+:11896344-11896367;2R:+:36028025-36028048	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_51478	VLNLYK	AGAP012533-PA,AGAP003328-PA	-	32	0.003378639	1	749.457	1.7	Malpighian tubule	UNKN:+:11896045-11896062;2R:+:36027725-36027742	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_51608	VLNLYK	AGAP012533-PA,AGAP003328-PA	-	36	0.001131727	2	749.456	0.48	Visceras	UNKN:+:11896045-11896062;2R:+:36027725-36027742	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_55404	TVQSVRPILSVDREEAR	AGAP012533-PA,AGAP003328-PA	-	57	1.59E-05	1	1955.060	-3.42	Midgut	UNKN:+:11895988-11896038;2R:+:36027668-36027718	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_60687	VIDMLVIK	AGAP012533-PA,AGAP003328-PA	M4(Oxidation)	37	0.001072003	1	946.563	-1.58	Midgut	UNKN:+:11896344-11896367;2R:+:36028025-36028048	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA

JHU_Ag_64131	TVQSVRPILSVDREEAR	AGAP012533-PA,AGAP003328-PA	-	45	0.000268325	1	1955.071	2.16	Malpighian tubule	UNKN:+:11895988-11896038;2R:+:36027668-36027718	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_71636	QIPYIVMDYDIPK	AGAP012533-PA,AGAP003328-PA	M7(Oxidation)	85	5.35E-08	1	1610.821	4.48	Visceras	UNKN:+:11896075-11896090,11896252-11896274;2R:+:36027755-36027770,36027933-36027955	exon=> In CDS Exon 1 and 2 of transcript AGAP012533-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003328-PA
JHU_Ag_73871	YWKESQEPKPTDFLSK	AGAP012533-PA,AGAP003328-PA	-	36	0.003608843	1	1982.990	2.02	Malpighian tubule	UNKN:+:11896428-11896475;2R:+:36028109-36028156	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_76157	TVQSVRPILSVDREEAR	AGAP012533-PA,AGAP003328-PA	Q3(Deamidated)	44	0.000346574	1	1955.063	-2.11	Head	UNKN:+:11895988-11896038;2R:+:36027668-36027718	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_77189	QIPYIVMDYDIPK	AGAP012533-PA,AGAP003328-PA	M7(Oxidation)	60	1.68E-05	2	1610.813	-0.53	Midgut	UNKN:+:11896075-11896090,11896252-11896274;2R:+:36027755-36027770,36027933-36027955	exon=> In CDS Exon 1 and 2 of transcript AGAP012533-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003328-PA
JHU_Ag_77776	VIDMLVIK	AGAP012533-PA,AGAP003328-PA	-	35	0.001291961	1	930.571	1.34	Head	UNKN:+:11896344-11896367;2R:+:36028025-36028048	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_80039	ESVEIWK	AGAP012533-PA,AGAP003328-PA	-	36	0.005009 03	1	890.461	-0.41	Head	UNKN:+:11896386-11896406;2R:+:36028067-36028087	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_81379	ESQEPKPTDFLSK	AGAP012533-PA,AGAP003328-PA	-	66	3.85E-06	1	1505.751	1.98	Head	UNKN:+:11896437-11896475;2R:+:36028118-36028156	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_83614	VLNLYKAWYR	AGAP012533-PA,AGAP003328-PA	-	51	5.95E-05	1	1325.742	4.42	Malpighian tubule	UNKN:+:11896045-11896074;2R:+:36027725-36027754	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_97353	QIPYIVMDYDIPK	AGAP012533-PA,AGAP003328-PA	M7(Oxidation)	49	0.000153 51	1	1594.823	2.56	Malpighian tubule	UNKN:+:11896075-11896090,11896252-11896274;2R:+:36027755-36027770,36027933-36027955	exon=> In CDS Exon 1 and 2 of transcript AGAP012533-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003328-PA
JHU_Ag_100038	ESQEPKPTDFLSK	AGAP012533-PA,AGAP003328-PA	-	62	1.19E-05	1	1505.750	1.34	Visceras	UNKN:+:11896437-11896475;2R:+:36028118-36028156	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA

JHU_Ag_101270	LREEFLK	AGAP012533-PA,AGAP003328-PA	-	33	0.003253165	2	934.536	0.39	Ovary	UNKN:+:11896299-11896319;2R:+:36027980-36028000	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_103057	TVQSVRPILSVDREEAR	AGAP012533-PA,AGAP003328-PA	-	34	0.002427661	1	1955.084	8.85	Ovary	UNKN:+:11895988-11896038;2R:+:36027668-36027718	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_103798	ESQEPKPTDFLSK	AGAP012533-PA,AGAP003328-PA	-	62	1.20E-05	1	1505.750	1.42	Midgut	UNKN:+:11896437-11896475;2R:+:36028118-36028156	exon=> In CDS Exon 2 of transcript AGAP012533-PA;exon=> In CDS Exon 2 of transcript AGAP003328-PA
JHU_Ag_106563	TVQSVRPILSVDR	AGAP012533-PA,AGAP003328-PA	-	66	1.67E-06	1	1469.841	-1.97	Head	UNKN:+:11895988-11896026;2R:+:36027668-36027706	exon=> In CDS Exon 1 of transcript AGAP012533-PA;exon=> In CDS Exon 1 of transcript AGAP003328-PA
JHU_Ag_4201	YSNLTLQALLVLLKK	AGAP012537-PA	-	38	4.16E-05	1	1717.075	7.4	Malpighian tubule	UNKN:-:12587266-12587222	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_6567	FLSKLEEEGAIEDATVAH	AGAP012537-PA	-	46	0.000430868	1	1958.976	2.62	Salivary gland	UNKN:-:12586863-12586810	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_11822	LEEEGAIEDATVAH	AGAP012537-PA	-	69	1.46E-06	1	1483.692	0.77	Salivary gland	UNKN:-:12586851-12586810	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_15195	KYFDDAYR	AGAP012537-PA	-	42	0.000717206	2	1077.500	0.03	Head	UNKN:-:12588014-12588056,12587172-12587336	exon=> In CDS Exon 2 and 1 of transcript AGAP012537-PA
JHU_Ag_15628	LLDLIDLAR	AGAP012537-PA	-	62	2.88E-06	2	1041.633	2.54	Visceras	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_19864	LLDLIDLAR	AGAP012537-PA	-	65	2.20E-06	2	1041.631	0.2	Midgut	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_20545	LLDLIDLAR	AGAP012537-PA	-	58	7.71E-06	2	1041.634	3.95	Ovary	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_21138	LEEEGAIEDATVAH	AGAP012537-PA	-	113	5.82E-11	1	1483.695	2.58	Head	UNKN:-:12586851-12586810	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_25960	LEEEGAIEDATVAH	AGAP012537-PA	-	39	0.001388219	2	1483.694	1.67	Ovary	UNKN:-:12586851-12586810	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_34789	YSNLTLQALLVLLKK	AGAP012537-PA	-	71	2.41E-08	1	1717.067	2.71	Head	UNKN:-:12587266-12587222	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_58633	LLDYGPIGPR	AGAP012537-PA	-	35	0.003737573	2	1100.609	-1.23	Midgut	UNKN:-:12587296-12587267	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_58845	LLDLIDLAR	AGAP012537-PA	-	64	1.73E-06	2	1041.634	3.72	Larva	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_61754	LLDYGPIGPR	AGAP012537-PA	-	45	0.000356749	2	1100.612	1.99	Malpighian tubule	UNKN:-:12587296-12587267	exon=> In CDS Exon 2 of transcript AGAP012537-PA

JHU_Ag_64998	YFDDAYR	AGAP012537-PA	-	38	0.000606831	1	949.406	0.82	Head	UNKN:-:12587356-12587336	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_65350	NELAAIYK	AGAP012537-PA	-	38	0.001710761	2	921.505	0.96	Head	UNKN:-:12586983-12586960	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_67108	FLSKLEEEGAIEDATVAH	AGAP012537-PA	-	98	2.92E-09	1	1958.975	2.34	Head	UNKN:-:12586863-12586810	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_68434	LLDYGPIGPR	AGAP012537-PA	-	49	0.00015834	2	1100.609	-1.23	Male reproductive organs	UNKN:-:12587296-12587267	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_68610	LLDYGPIGPR	AGAP012537-PA	-	42	0.000835494	1	1100.610	0.32	Salivary gland	UNKN:-:12587296-12587267	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_71127	YSNLTLQALLVLLK	AGAP012537-PA	-	74	1.43E-08	2	1588.984	10.23	Malpighian tubule	UNKN:-:12587266-12587225	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_71486	KLLDLIDLAR	AGAP012537-PA	-	56	2.97E-06	1	1169.727	1.33	Head	UNKN:-:12586923-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_71834	KLLILCTTSR	AGAP012537-PA	C6(Carbamidomethyl)	46	7.66E-05	2	1204.709	0.54	Head	UNKN:-:12587203-12587174	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_74309	LLDLIDLAR	AGAP012537-PA	-	69	5.62E-07	2	1041.632	1.96	Head	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_86053	IFVGIKK	AGAP012537-PA	-	25	0.00052371	1	804.537	3.71	Malpighian tubule	UNKN:-:12586941-12586921	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_87381	LLILCTTSR	AGAP012537-PA	C5(Carbamidomethyl)	38	0.001141042	2	1076.618	4.01	Malpighian tubule	UNKN:-:12587200-12587174	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_88557	IFVGIKK	AGAP012537-PA	-	31	0.000139988	1	804.534	-0.76	Head	UNKN:-:12586941-12586921	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_89677	NELAAIYKR	AGAP012537-PA	-	51	6.65E-05	1	1077.604	-0.8	Head	UNKN:-:12586983-12586957	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_90406	LLDLIDLAR	AGAP012537-PA	-	56	1.56E-05	2	1041.631	0.55	Pupa	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_91100	LLDLIDLAR	AGAP012537-PA	-	64	2.29E-06	2	1041.630	-0.15	Salivary gland	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_92890	LLDYGPIGPR	AGAP012537-PA	-	53	7.09E-05	1	1100.610	0.32	Visceras	UNKN:-:12587296-12587267	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_93686	FLSKLEEEGAIEDATVAH	AGAP012537-PA	-	76	4.18E-07	1	1958.980	4.59	Malpighian tubule	UNKN:-:12586863-12586810	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_95987	KLLDLIDLAR	AGAP012537-PA	-	47	1.91E-05	2	1169.732	5.5	Malpighian tubule	UNKN:-:12586923-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA

JHU_Ag_96825	LLDLIDLAR	AGAP012537-PA	-	62	3.84E-06	2	1041.628	-2.38	Male reproductive organs	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_100234	LLDLIDLAR	AGAP012537-PA	-	62	3.02E-06	2	1041.636	5.36	Malpighian tubule	UNKN:-:12586920-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_101551	LLDYGPIGPR	AGAP012537-PA	-	51	8.94E-05	2	1100.612	1.88	Head	UNKN:-:12587296-12587267	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_103306	LEEEGAIEDATVAH	AGAP012537-PA	-	96	2.77E-09	1	1483.693	1.1	Visceras	UNKN:-:12586851-12586810	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_110510	YSNLTLQALLVLLK	AGAP012537-PA	-	37	6.52E-05	2	1588.977	6.31	Ovary	UNKN:-:12587266-12587225	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_111528	STFSCILVDNIER	AGAP012537-PA	C5(Carbamidomethyl)	108	2.66E-10	1	1553.768	3.44	Head	UNKN:-:12587335-12587297	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_112626	STFSCILVDNIER	AGAP012537-PA	C5(Carbamidomethyl)	98	2.50E-09	2	1553.766	2.03	Visceras	UNKN:-:12587335-12587297	exon=> In CDS Exon 2 of transcript AGAP012537-PA
JHU_Ag_113773	KLLDLIDLAR	AGAP012537-PA	-	44	4.47E-05	2	1169.726	0.91	Salivary gland	UNKN:-:12586923-12586894	exon=> In CDS Exon 3 of transcript AGAP012537-PA
JHU_Ag_9269	XRDAGIR	AGAP012547-PA	N-Term(Acetyl), X1(A)	31	0.004491553	1	800.427	-12.58	Salivary gland	UNKN:+:14534204-14534224	exon=> In CDS Exon 1 of transcript AGAP012547-PA
JHU_Ag_718	ANFDQEINTAKAESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	130	1.19E-12	1	2653.328	6.74	Malpighian tubule	UNKN:+:14534315-14534344,14534438-14534479;2R:+:43322378-43322407,43322501-43322542;2R:+:43322378-43322407,43322501-43322542	exon=> In CDS Exon 1 and 2 of transcript AGAP012547-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003789-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003789-PC
JHU_Ag_2487	IGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	100	1.61E-09	2	1435.747	3.01	Salivary gland	UNKN:+:14534702-14534743;2R:+:43322765-43322806;2R:+:43322765-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_4536	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	52	9.29E-05	2	1421.731	2.55	Pupa	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_4570	YSTDTKIEDNAR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	93	6.91E-09	1	1412.669	2.56	Ovary	UNKN:+:14534261-14534296;2R:+:43322324-43322359;2R:+:43322324-43322359	exon=> In CDS Exon 1 of transcript AGAP012547-PA;exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC

JHU_Ag_5425	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	48	0.000220731	2	1421.730	1.94	Visceras	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_7685	TEEIVLIGGNDQTTGDVTR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	69	2.24E-06	2	2018.017	6.45	Ovary	UNKN:+:14535955-14536011;2R:+:43323859-43323915;2R:+:43323859-43323915	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_8338	IAAEVAAPLAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	83	1.37E-08	1	1053.628	-1.78	Ovary	UNKN:+:14535922-14535954;2R:+:43323826-43323858;2R:+:43323826-43323858	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_16182	IAAEVAAPLAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	62	1.65E-06	2	1053.631	0.77	Malpighian tubule	UNKN:+:14535922-14535954;2R:+:43323826-43323858;2R:+:43323826-43323858	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_17163	TEEIVLIGGNDQTTGDVTR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	105	5.17E-10	2	2018.007	1.79	Head	UNKN:+:14535955-14536011;2R:+:43323859-43323915;2R:+:43323859-43323915	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_17192	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	45	7.66E-05	2	1906.105	1.91	Pupa	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_18626	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	47	4.47E-05	1	1906.102	0.76	Visceras	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_29147	IGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	112	9.55E-11	1	1435.748	3.94	Ovary	UNKN:+:14534702-14534743;2R:+:43322765-43322806;2R:+:43322765-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_34737	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	114	1.09E-11	1	1906.099	-1.03	Head	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC

JHU_Ag_35119	IGSAEAYAIEQVGKAEAER	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	74	6.53E-07	1	1992.000	-1.79	Male reproductive organs	UNKN:+:14534702-14534758;2R:+:43322765-43322821;2R:+:43322765-43322821	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_36787	IGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	97	3.36E-09	2	1435.744	1.05	Pupa	UNKN:+:14534702-14534743;2R:+:43322765-43322806;2R:+:43322765-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_38674	ANFDQEINTAKAESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	93	7.32E-09	1	2653.322	4.4	Ovary	UNKN:+:14534315-14534344,14534438-14534479;2R:+:43322378-43322407,43322501-43322542;2R:+:43322378-43322407,43322501-43322542	exon=> In CDS Exon 1 and 2 of transcript AGAP012547-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003789-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003789-PC
JHU_Ag_38879	KIGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	63	5.07E-06	1	1563.841	2.06	Malpighian tubule	UNKN:+:14534699-14534743;2R:+:43322762-43322806;2R:+:43322762-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_40182	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	86	4.12E-08	2	1421.722	-3.81	Midgut	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_40538	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	108	3.81E-11	1	1906.107	3.32	Ovary	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_40702	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	61	2.07E-06	2	1906.101	0.18	Male reproductive organs	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_44695	QIEIETQEINRK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	86	3.18E-08	1	1500.805	2.07	Head	UNKN:+:14534537-14534572;2R:+:43322600-43322635;2R:+:43322600-43322635	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC

JHU_Ag_45405	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	93	1.23E-09	1	1906.105	1.91	Malpighian tubule	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_47990	IAAEVAAPLAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	72	1.63E-07	2	1053.628	-1.9	Head	UNKN:+:14535922-14535954;2R:+:43323826-43323858;2R:+:43323826-43323858	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_51903	TEEIVLIGGNDQTTGDVTR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	101	1.33E-09	2	2018.012	3.97	Male reproductive organs	UNKN:+:14535955-14536011;2R:+:43323859-43323915;2R:+:43323859-43323915	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_52204	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	95	4.26E-09	1	1421.727	-0.03	Head	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_52943	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	132	1.74E-13	1	1906.095	-2.89	Midgut	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_53122	IGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	104	6.86E-10	1	1435.745	1.48	Malpighian tubule	UNKN:+:14534702-14534743;2R:+:43322765-43322806;2R:+:43322765-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_57910	IAAEVAAPLAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	57	4.31E-06	2	1053.624	-5.72	Salivary gland	UNKN:+:14535922-14535954;2R:+:43323826-43323858;2R:+:43323826-43323858	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_60914	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	85	4.65E-08	2	1421.727	-0.12	Male reproductive organs	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_62251	IGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	97	2.90E-09	1	1435.744	0.54	Male reproductive organs	UNKN:+:14534702-14534743;2R:+:43322765-43322806;2R:+:43322765-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC

JHU_Ag_62471	MYGDAAIMNIVLESLPK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	M1(Oxidation)	134	6.33E-13	1	1880.944	-2.98	Midgut	UNKN:+:14534786-14534836;2R:+:43322849-43322899;2R:+:43322849-43322899	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_64845	IGSAEAYAIEQVGKAEAER	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	116	4.12E-11	2	1992.007	1.71	Ovary	UNKN:+:14534702-14534758;2R:+:43322765-43322821;2R:+:43322765-43322821	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_65510	LVGQLPPAINALTGVDLSK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	56	5.56E-06	2	1906.102	0.38	Salivary gland	UNKN:+:14536012-14536068;2R:+:43323916-43323972;2R:+:43323916-43323972	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_71139	ANFDQEINTAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	75	5.07E-07	1	1250.599	-1.63	Malpighian tubule	UNKN:+:14534315-14534344,14534438-14534440;2R:+:43322378-43322407,43322501-43322503;2R:+:43322378-43322407,43322501-43322503	exon=> In CDS Exon 1 and 2 of transcript AGAP012547-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003789-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003789-PC
JHU_Ag_71616	IGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	100	1.83E-09	2	1435.740	-1.75	Midgut	UNKN:+:14534702-14534743;2R:+:43322765-43322806;2R:+:43322765-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_76143	ANFDQEINTAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	71	1.13E-06	1	1250.600	-0.66	Male reproductive organs	UNKN:+:14534315-14534344,14534438-14534440;2R:+:43322378-43322407,43322501-43322503;2R:+:43322378-43322407,43322501-43322503	exon=> In CDS Exon 1 and 2 of transcript AGAP012547-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003789-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003789-PC
JHU_Ag_76590	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	74	5.07E-07	1	1421.728	0.74	Malpighian tubule	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC

JHU_Ag_79474	IGSAEAYAIEQVGKAEAER	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	123	8.80E-12	1	1992.006	1.52	Malpighian tubule	UNKN:+:14534702-14534758;2R:+:43322765-43322821;2R:+:43322765-43322821	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_80390	YSTDTKIEDNAR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	92	7.50E-09	1	1412.665	-0.04	Malpighian tubule	UNKN:+:14534261-14534296;2R:+:43322324-43322359;2R:+:43322324-43322359	exon=> In CDS Exon 1 of transcript AGAP012547-PA;exon=> In CDS Exon 4 of transcript AGAP003789-PA;exon=> In CDS Exon 1 of transcript AGAP003789-PC
JHU_Ag_81795	LPAEAESYR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	66	4.82E-06	1	1035.510	-0.99	Head	UNKN:+:14534600-14534626;2R:+:43322663-43322689;2R:+:43322663-43322689	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_81994	RTQTVESAR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	52	9.68E-05	2	1047.550	-4.14	Head	UNKN:+:14534651-14534677;2R:+:43322714-43322740;2R:+:43322714-43322740	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_91770	IRNEEIQIDIVER	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	61	8.02E-06	1	1626.884	1.72	Male reproductive organs	UNKN:+:14534492-14534530;2R:+:43322555-43322593;2R:+:43322555-43322593	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_95986	ANFDQEINTAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	56	4.32E-05	1	1250.602	0.71	Head	UNKN:+:14534315-14534344,14534438-14534440;2R:+:43322378-43322407,43322501-43322503;2R:+:43322378-43322407,43322501-43322503	exon=> In CDS Exon 1 and 2 of transcript AGAP012547-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003789-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003789-PC
JHU_Ag_97198	IRNEEIQIDIVER	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	94	3.52E-09	1	1626.883	1.19	Malpighian tubule	UNKN:+:14534492-14534530;2R:+:43322555-43322593;2R:+:43322555-43322593	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_97380	TEEIVLIGGNDQTTGDVTR	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	106	4.85E-10	2	2018.018	7.3	Midgut	UNKN:+:14535955-14536011;2R:+:43323859-43323915;2R:+:43323859-43323915	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC

JHU_Ag_98148	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	85	4.66E-08	1	1421.727	0.06	Ovary	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_99464	IGSAEAYAIEQVGK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	113	7.95E-11	1	1435.746	2.24	Head	UNKN:+:14534702-14534743;2R:+:43322765-43322806;2R:+:43322765-43322806	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_99863	IAAEVAAPLAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	70	3.03E-07	2	1053.628	-1.9	Midgut	UNKN:+:14535922-14535954;2R:+:43323826-43323858;2R:+:43323826-43323858	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_99994	AESQLAYELQAAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	78	2.39E-07	2	1421.729	1.34	Salivary gland	UNKN:+:14534441-14534479;2R:+:43322504-43322542;2R:+:43322504-43322542	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_106449	IRNEEIQIDIVER	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	58	1.22E-05	3	1626.885	2.39	Ovary	UNKN:+:14534492-14534530;2R:+:43322555-43322593;2R:+:43322555-43322593	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_107098	IRNEEIQIDIVER	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	63	4.36E-06	1	1626.882	0.36	Head	UNKN:+:14534492-14534530;2R:+:43322555-43322593;2R:+:43322555-43322593	exon=> In CDS Exon 2 of transcript AGAP012547-PA;exon=> In CDS Exon 5 of transcript AGAP003789-PA;exon=> In CDS Exon 2 of transcript AGAP003789-PC
JHU_Ag_108720	IAAEVAAPLAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	53	1.15E-05	2	1053.634	3.2	Male reproductive organs	UNKN:+:14535922-14535954;2R:+:43323826-43323858;2R:+:43323826-43323858	exon=> In CDS Exon 3 of transcript AGAP012547-PA;exon=> In CDS Exon 6 of transcript AGAP003789-PA;exon=> In CDS Exon 3 of transcript AGAP003789-PC
JHU_Ag_110520	ANFDQEINTAK	AGAP012547-PA,AGAP003789-PA,AGAP003789-PC	-	77	3.37E-07	1	1250.603	1.29	Ovary	UNKN:+:14534315-14534344,14534438-14534440;2R:+:43322378-43322407,43322501-43322503;2R:+:43322378-43322407,43322501-43322503	exon=> In CDS Exon 1 and 2 of transcript AGAP012547-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003789-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003789-PC

JHU_Ag_4626	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	47	0.000399762	1	1149.584	1.58	Pupa	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_22385	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	51	0.000129684	1	1149.583	0.09	Male reproductive organs	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_29729	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	51	0.000150826	1	1149.586	2.53	Head	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_39520	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	41	0.001320318	1	1149.585	2.32	Larva	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_51571	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	52	0.000111348	2	1149.585	1.83	Ovary	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_82944	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	47	0.000389656	2	1149.585	2.26	Salivary gland	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_100144	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	49	0.000217903	2	1149.582	-0.82	Visceras	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_114905	QSYAIYIYK	AGAP012555-PA	Q1(Deamidated)	52	0.0001135	1	1149.581	-1.71	Malpighian tubule	UNKN:-:15799723-15799697	exon=> In CDS Exon 1 of transcript AGAP012555-PA
JHU_Ag_31055	IYREPANVDVYSGALSEAPVR	AGAP012561-PA,AGAP003502-PA	-	93	6.92E-09	1	2306.179	0.64	Head	UNKN:+:16263627-16263689;2R:-:38747220-38747158	exon=> In CDS Exon 1 of transcript AGAP012561-PA;exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_45207	FTEAQLQQIYNTK	AGAP012561-PA,AGAP003502-PA	-	76	3.99E-07	2	1583.808	1.16	Pupa	UNKN:+:16263795-16263804,16263890-16263918;2R:-:38747052-38748932,38746551-38746929	exon=> In CDS Exon 1 and 2 of transcript AGAP012561-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003502-PA
JHU_Ag_57662	FTEAQLQQIYNTK	AGAP012561-PA,AGAP003502-PA	-	118	2.27E-11	1	1583.808	0.77	Head	UNKN:+:16263795-16263804,16263890-16263918;2R:-:38747052-38748932,38746551-38746929	exon=> In CDS Exon 1 and 2 of transcript AGAP012561-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003502-PA
JHU_Ag_72351	NSDHIEQSPVYLMK	AGAP012561-PA,AGAP003502-PA	M13(Oxidation)	102	1.20E-09	1	1676.798	1.78	Head	UNKN:+:16263940-16263981;2R:-:38746907-38746866	exon=> In CDS Exon 2 of transcript AGAP012561-PA;exon=> In CDS Exon 4 of transcript AGAP003502-PA
JHU_Ag_75093	QGDSFWYER	AGAP012561-PA,AGAP003502-PA	-	43	0.000189433	2	1187.511	-0.83	Head	UNKN:+:16263750-16263776;2R:-:38747097-38747071	exon=> In CDS Exon 1 of transcript AGAP012561-PA;exon=> In CDS Exon 3 of transcript AGAP003502-PA
JHU_Ag_93646	EPANVDVYSGALSEAPVR	AGAP012561-PA,AGAP003502-PA	-	126	3.57E-12	1	1873.932	1.57	Head	UNKN:+:16263636-16263689;2R:-:38747211-38747158	exon=> In CDS Exon 1 of transcript AGAP012561-PA;exon=> In CDS Exon 3 of transcript AGAP003502-PA

JHU_Ag_91539	LSQFGEMFK	AGAP012571-PA,AGAP013060-PA	-	38	0.001719342	1	1086.528	-0.53	Head	UNKN:-:17080590-17080564;2R:+:33369887-33369913	exon=> In CDS Exon 3 of transcript AGAP012571-PA;exon=> In CDS Exon 3 of transcript AGAP013060-PA
JHU_Ag_107412	AGELGDTIK	AGAP012571-PA,AGAP013060-PA	-	36	0.005641229	1	903.477	-0.93	Head	UNKN:-:17080557-17080531;2R:+:33369920-33369946	exon=> In CDS Exon 3 of transcript AGAP012571-PA;exon=> In CDS Exon 3 of transcript AGAP013060-PA
JHU_Ag_744	ISGAVTPVK	AGAP012577-PA	-	51	7.89E-05	1	871.525	0.62	Pupa	UNKN:-:17207769-17207743	exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_12113	DQSVCGSCWSFGTIGHIEGAYFR	AGAP012577-PA	C5(Carbamidomethyl), C8(Carbamidomethyl)	49	0.000109184	1	2634.157	2.64	Pupa	UNKN:-:17207742-17207674	exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_14455	GYNTLLGSHYDHYYLDYESYDHQDIPEDVFEVK	AGAP012577-PA	-	45	0.00021091	1	4024.798	3.87	Larva	UNKN:-:17208339-17208241	exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_18589	GFTVAVNHLADRTEEELK	AGAP012577-PA	-	37	0.00302649	1	2029.035	0.04	Head	UNKN:-:17207928-17207875	exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_18745	ISGAVTPVK	AGAP012577-PA	-	49	0.000114853	2	871.525	0.67	Head	UNKN:-:17207769-17207743	exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_32884	GYNTLLGSHYDHYYLDYESYDHQDIPEDVFEVK	AGAP012577-PA	-	136	1.85E-13	1	4024.789	1.6	Pupa	UNKN:-:17208339-17208241	exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_65595	SEEHLHNEFGR	AGAP012577-PA	-	49	0.000112832	1	1354.608	-3.82	Head	UNKN:-:17208072-17208040	exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_76017	ISGAVTPVKDQSVCGSCWSFGTIGHIEGAYFR	AGAP012577-PA	C14(Carbamidomethyl), C17(Carbamidomethyl)	85	4.29E-08	1	3486.669	3.52	Pupa	UNKN:-:17207769-17207674	exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_85474	GYNTLLGSHYDHYYLDYESYDHQDIPEDVFEVK	AGAP012577-PA	-	89	7.62E-09	1	4024.775	-1.79	Midgut	UNKN:-:17208339-17208241	exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_86758	GYNTLLGSHYDHYYLDYESYDHQDIPEDVFEVK	AGAP012577-PA	-	76	1.66E-07	1	4024.790	1.91	Ovary	UNKN:-:17208339-17208241	exon=> In CDS Exon 3 of transcript AGAP012577-PA
JHU_Ag_115746	ISGAVTPVK	AGAP012577-PA	-	37	0.00177886	1	871.524	-0.64	Midgut	UNKN:-:17207769-17207743	exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_20474	NSWSNYWGNDGYALMAVK	AGAP012577-PA,AGAP012900-PA	M15(Oxidation)	70	7.81E-07	2	2091.925	0.78	Larva	UNKN:-:17207235-17207182;UNKN:-:37283053-37283000	exon=> In CDS Exon 4 of transcript AGAP012577-PA;exon=> In CDS Exon 1 of transcript AGAP012900-PA
JHU_Ag_33084	SFSFYSNGVYYEPECK	AGAP012577-PA,AGAP012900-PA	N7(Deamidated), C15(Carbamidomethyl)	45	0.000123324	2	1977.821	0.03	Malpighian tubule	UNKN:-:17207364-17207317;UNKN:-:37283182-37283135	exon=> In CDS Exon 4 of transcript AGAP012577-PA;exon=> In CDS Exon 1 of transcript AGAP012900-PA
JHU_Ag_47669	NKLDELDHAVLAVGYGQLNGEDYWLIK	AGAP012577-PA,AGAP012900-PA	-	61	6.83E-06	3	3073.586	7.36	Ovary	UNKN:-:17207316-17207236;UNKN:-:37283134-37283054	exon=> In CDS Exon 4 of transcript AGAP012577-PA;exon=> In CDS Exon 1 of transcript AGAP012900-PA

JHU_Ag_51726	HGPLSIAIDAGHK	AGAP012577-PA,AGAP012900-PA	-	50	0.000159265	2	1315.715	2.09	Larva	UNKN:-:17207403-17207365;UNKN:-:37283221-37283183	exon=> In CDS Exon 4 of transcript AGAP012577-PA;exon=> In CDS Exon 1 of transcript AGAP012900-PA
JHU_Ag_18869	HLVEFR	AGAP012578-PA,AGAP004758-PA,AGAP004758-PB	-	41	0.000542237	2	800.441	-0.37	Malpighian tubule	UNKN:-:17275364-17275347;2L:-:3072133-3072116;2L:-:3072133-3072116	exon=> In CDS Exon 1 of transcript AGAP012578-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_92678	HLVEFR	AGAP012578-PA,AGAP004758-PA,AGAP004758-PB	-	37	0.001355078	2	800.442	0.47	Head	UNKN:-:17275364-17275347;2L:-:3072133-3072116;2L:-:3072133-3072116	exon=> In CDS Exon 1 of transcript AGAP012578-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PA;exon=> In CDS Exon 1 of transcript AGAP004758-PB
JHU_Ag_3956	LGYDYMDNNDSLAVAK	AGAP012587-PA	M6(Oxidation)	130	1.38E-12	1	1804.809	1.8	Visceras	UNKN:-:17832869-17832822	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_11934	LGYDYMDNNDSLAVAK	AGAP012587-PA	M6(Oxidation)	120	1.25E-11	1	1788.813	1.23	Malpighian tubule	UNKN:-:17832869-17832822	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_20376	NQGLATVLGLSSGLLMAK	AGAP012587-PA	M16(Oxidation)	72	3.53E-07	2	1788.991	1.12	Salivary gland	UNKN:-:17832923-17832870	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_27504	DVTNFLLLHTVLGTTLFMYSRPHLK	AGAP012587-PA	M18(Oxidation)	43	0.000271397	1	2932.572	-1.12	Midgut	UNKN:-:17833103-17833029	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_29859	RDVTNFLLLHTVLGTTLFMYSRPHLK	AGAP012587-PA	M19(Oxidation)	52	2.04E-05	1	3088.674	-0.79	Midgut	UNKN:-:17833106-17833029	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_41089	ENILYYYFPLK	AGAP012587-PA	-	68	2.09E-06	2	1462.770	5.72	Ovary	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_44480	ENILYYYFPLK	AGAP012587-PA	-	49	0.000154602	1	1462.762	0.38	Male reproductive organs	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_49360	ENILYYYFPLK	AGAP012587-PA	-	65	4.53E-06	1	1462.769	4.88	Pupa	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_52977	NQGLATVLGLSSGLLMAK	AGAP012587-PA	M16(Oxidation)	160	4.30E-16	2	1773.000	3.49	Head	UNKN:-:17832923-17832870	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_57908	GMLSYAALSVNVMNPSIAIK	AGAP012587-PA	M2(Oxidation),"M2(Oxidation),M13(Oxidation)",M13(Oxidation)	81	1.04E-07	1	2111.088	0.26	Midgut	UNKN:-:17833251-17833353,17832813-17833119	exon=> In CDS Exon 2 and 1 of transcript AGAP012587-PA
JHU_Ag_61314	NQGLATVLGLSSGLLMAK	AGAP012587-PA	M16(Oxidation)	145	1.78E-14	2	1788.990	0.71	Midgut	UNKN:-:17832923-17832870	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_67005	NQGLATVLGLSSGLLMAK	AGAP012587-PA	M16(Oxidation)	109	6.46E-11	2	1788.996	3.78	Visceras	UNKN:-:17832923-17832870	exon=> In CDS Exon 2 of transcript AGAP012587-PA

JHU_Ag_70342	GMLSYAALSVNVMNPSIAIK	AGAP012587-PA	M2(Oxidation), M13(Oxidation)	60	0.00001185	2	2111.089	0.49	Head	UNKN:-:17833251-17833353,17832813-17833119	exon=> In CDS Exon 2 and 1 of transcript AGAP012587-PA
JHU_Ag_75883	NQGLATVLGLSSGLLMAK	AGAP012587-PA	M16(Oxidation)	69	7.28E-07	3	1788.996	4.21	Malpighian tubule	UNKN:-:17832923-17832870	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_76791	LGYDYMDNNDSLAVAK	AGAP012587-PA	M6(Oxidation)	137	2.26E-13	1	1804.806	0.04	Head	UNKN:-:17832869-17832822	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_85740	ENILYYYFPLK	AGAP012587-PA	N2(Deamidated)	72	8.37E-07	2	1462.767	3.72	Head	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_87744	LGYDYMDNNDSLAVAK	AGAP012587-PA	M6(Oxidation)	84	4.43E-08	1	1804.808	0.99	Male reproductive organs	UNKN:-:17832869-17832822	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_103822	ENILYYYFPLK	AGAP012587-PA	-	44	0.000493005	1	1462.765	2.05	Salivary gland	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_104352	NQGLATVLGLSSGLLMAK	AGAP012587-PA	M16(Oxidation)	99	6.48E-10	2	1789.002	7.39	Larva	UNKN:-:17832923-17832870	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_109339	ENILYYYFPLK	AGAP012587-PA	-	74	5.71E-07	1	1462.757	-3.29	Midgut	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_110557	LGYDYMDNNDSLAVAK	AGAP012587-PA	M6(Oxidation), N8(Deamidated),"M6(Oxidation), N9(Deamidated)",M6(Oxidation)	119	1.31E-11	1	1804.801	-2.66	Midgut	UNKN:-:17832869-17832822	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_114852	ENILYYYFPLK	AGAP012587-PA	-	65	3.78E-06	2	1462.763	1.05	Malpighian tubule	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_115264	NQGLATVLGLSSGLLMAK	AGAP012587-PA	M16(Oxidation)	96	1.20E-09	2	1788.995	3.16	Ovary	UNKN:-:17832923-17832870	exon=> In CDS Exon 2 of transcript AGAP012587-PA
JHU_Ag_117604	ENILYYYFPLK	AGAP012587-PA	-	65	3.38E-06	2	1462.768	4.22	Visceras	UNKN:-:17833284-17833252	exon=> In CDS Exon 1 of transcript AGAP012587-PA
JHU_Ag_29720	VPEVGSSSSSDSSNSTGTPK	AGAP012590-PA	-	80	9.98E-08	1	1909.865	1.48	Head	UNKN:+:18230559-18230618	exon=> In CDS Exon 4 of transcript AGAP012590-PA
JHU_Ag_56423	YNVYSVTK	AGAP012590-PA	-	36	0.003354875	1	973.500	0.83	Malpighian tubule	UNKN:+:18230535-18230558	exon=> In CDS Exon 4 of transcript AGAP012590-PA
JHU_Ag_64635	YNVYSVTKVPEVGSSSSSDSSNSTGTPK	AGAP012590-PA	-	151	1.12E-14	1	2864.348	1.81	Malpighian tubule	UNKN:+:18230535-18230618	exon=> In CDS Exon 4 of transcript AGAP012590-PA
JHU_Ag_77016	VPEVGSSSSSDSSNSTGTPK	AGAP012590-PA	-	105	3.13E-10	2	1909.862	-0.18	Visceras	UNKN:+:18230559-18230618	exon=> In CDS Exon 4 of transcript AGAP012590-PA
JHU_Ag_116506	VPEVGSSSSSDSSNSTGTPK	AGAP012590-PA	-	113	5.12E-11	2	1909.867	2.37	Malpighian tubule	UNKN:+:18230559-18230618	exon=> In CDS Exon 4 of transcript AGAP012590-PA

JHU_Ag_30808	LPGGYVEPNENFIDAAIR	AGAP012590-PA,AGAP012857-PA	-	107	3.67E-10	1	1974.996	2.19	Visceras	UNKN:+:18230098-18230122,18230200-18230228;UNKN:-:34395413-34395602,34394986-34395283	exon=> In CDS Exon 3 and 4 of transcript AGAP012590-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP012857-PA
JHU_Ag_60583	AIVLFR	AGAP012600-PA,AGAP009890-PA	-	30	0.001101999	2	718.464	3.55	Malpighian tubule	UNKN:+:19110336-19110353;3R:-:44805919-44805902	exon=> In CDS Exon 3 of transcript AGAP012600-PA;exon=> In CDS Exon 11 of transcript AGAP009890-PA
JHU_Ag_69073	NLQAILDAAGLTFR	AGAP012601-PA	-	81	6.63E-08	2	1502.834	0.61	Midgut	UNKN:+:19132002-19132043	exon=> In CDS Exon 1 of transcript AGAP012601-PA
JHU_Ag_4973	NCLNHGDLWCNNIMFK	AGAP012604-PA,AGAP004133-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	76	2.36E-07	1	2035.898	2.35	Malpighian tubule	UNKN:+:19224287-19224334;2R:-:50589054-50589007	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_9414	NQVNASEIYPRETFLR	AGAP012604-PA,AGAP004133-PA	-	58	2.45E-05	1	1936.990	1.3	Malpighian tubule	UNKN:+:19224518-19224565;2R:-:50588823-50588776	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_13835	ESSVLQR	AGAP012604-PA,AGAP004133-PA	-	42	0.001393322	2	818.437	-0.22	Malpighian tubule	UNKN:+:19223819-19223839;2R:-:50589522-50589502	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_29916	YVPPAYDINLLLYLTTSR	AGAP012604-PA,AGAP004133-PA	-	61	4.74E-06	2	2112.148	4.91	Malpighian tubule	UNKN:+:19224392-19224445;2R:-:50588949-50588896	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_41414	IVGSIQR	AGAP012604-PA,AGAP004133-PA	-	50	0.000200107	2	772.467	-1.06	Malpighian tubule	UNKN:+:19223840-19223860;2R:-:50589501-50589481	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_46773	SYLEEIGSFRK	AGAP012604-PA,AGAP004133-PA	-	67	3.15E-06	1	1328.686	1.16	Malpighian tubule	UNKN:+:19223786-19223818;2R:-:50589555-50589523	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_50259	NGQTELLSFFVK	AGAP012604-PA,AGAP004133-PA	-	54	4.56E-05	2	1382.737	3.7	Ovary	UNKN:+:19223720-19223755;2R:-:50589621-50589586	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_58860	LAPLIRK	AGAP012604-PA,AGAP004133-PA	-	30	0.00038642	1	810.555	-0.77	Malpighian tubule	UNKN:+:19224230-19224250;2R:-:50589111-50589091	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_68149	IVQTALEPFSPCPEGFLADHYALK	AGAP012604-PA,AGAP004133-PA	C12(Carbamidomethyl)	81	1.04E-07	1	2703.351	0.67	Malpighian tubule	UNKN:+:19223633-19223704;2R:-:50589708-50589637	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_70800	KIYTYVEPSHEFR	AGAP012604-PA,AGAP004133-PA	-	87	3.05E-08	1	1668.840	1.19	Malpighian tubule	UNKN:+:19224248-19224286;2R:-:50589093-50589055	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA

JHU_Ag_75815	IVQTALEPFSPCPEGFLADHYALK	AGAP012604-PA,AGAP004133-PA	C12(Carbamidomethyl)	59	1.67E-05	1	2703.367	6.63	Ovary	UNKN:+:19223633-19223704;2R:-:50589708-50589637	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_76020	RLNLSDSELR	AGAP012604-PA,AGAP004133-PA	-	34	0.005497766	1	1202.650	1.03	Malpighian tubule	UNKN:+:19223549-19223578;2R:-:50589792-50589763	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_76867	IYTYVEPSHEFR	AGAP012604-PA,AGAP004133-PA	-	41	0.001336525	1	1540.745	1.09	Malpighian tubule	UNKN:+:19224251-19224286;2R:-:50589090-50589055	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_84865	LAPLIR	AGAP012604-PA,AGAP004133-PA	-	23	0.001196575	1	682.460	-0.9	Malpighian tubule	UNKN:+:19224230-19224247;2R:-:50589111-50589094	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_86787	SYLEEIGSFR	AGAP012604-PA,AGAP004133-PA	-	74	4.44E-07	1	1200.586	-2.68	Malpighian tubule	UNKN:+:19223786-19223815;2R:-:50589555-50589526	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_93698	SDGYSVVKR	AGAP012604-PA,AGAP004133-PA	-	39	0.001276927	2	1010.526	-0.64	Malpighian tubule	UNKN:+:19223939-19223965;2R:-:50589402-50589376	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_95082	NGQTELLSFFVK	AGAP012604-PA,AGAP004133-PA	N1(Deamidated),Q3(Deamidated)	79	1.38E-07	1	1382.734	2.11	Malpighian tubule	UNKN:+:19223720-19223755;2R:-:50589621-50589586	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_105329	NQVNASEIYPR	AGAP012604-PA,AGAP004133-PA	-	79	2.11E-07	1	1290.646	1.51	Malpighian tubule	UNKN:+:19224518-19224550;2R:-:50588823-50588791	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_106955	RLPELFPTVLNENAWVQTSTSTR	AGAP012604-PA,AGAP004133-PA	-	101	5.97E-10	1	2659.395	3.97	Malpighian tubule	UNKN:+:19224065-19224133;2R:-:50589276-50589208	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_111041	QIVNDHFTTCDSADQAYR	AGAP012604-PA,AGAP004133-PA	C10(Carbamidomethyl)	106	2.20E-10	1	2140.938	1.15	Malpighian tubule	UNKN:+:19223579-19223632;2R:-:50589762-50589709	exon=> In CDS Exon 1 of transcript AGAP012604-PA;exon=> In CDS Exon 1 of transcript AGAP004133-PA
JHU_Ag_18027	SDTPTGDVLLDEALK	AGAP012606-PA	-	93	8.03E-09	1	1573.798	1.43	Head	UNKN:-:19370675-19370631	exon=> In CDS Exon 2 of transcript AGAP012606-PA
JHU_Ag_51272	DTESNGGSSSSAANNVDQEDNK	AGAP012606-PA	N5(Deamidated)	121	1.11E-12	2	2226.889	1.06	Head	UNKN:-:19371925-19371860	exon=> In CDS Exon 1 of transcript AGAP012606-PA
JHU_Ag_77356	IILKSDTPTGDVLLDEALK	AGAP012606-PA	-	35	0.002104948	1	2041.121	-10.72	Visceras	UNKN:-:19370687-19370631	exon=> In CDS Exon 2 of transcript AGAP012606-PA
JHU_Ag_116420	SDTPTGDVLLDEALK	AGAP012606-PA	-	71	1.26E-06	2	1573.793	-1.67	Midgut	UNKN:-:19370675-19370631	exon=> In CDS Exon 2 of transcript AGAP012606-PA
JHU_Ag_1845	YSQAVCTADGVK	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl)	67	2.74E-06	1	1298.611	4.58	Male reproductive organs	UNKN:-:19476621-19476586;3L:+:24755730-24755765	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA

JHU_Ag_2238	VDADCFVAQNWELAHTIK	AGAP012608-PA,AGAP011444-PA	C5(Carbamidomethyl)	98	2.59E-09	1	2117.010	-0.96	Head	UNKN:-:19476585-19476532;3L:+:24755766-24755819	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_3266	VDADCFVAQNWELAHTIK	AGAP012608-PA,AGAP011444-PA	C5(Carbamidomethyl)	81	1.38E-07	1	2117.010	-0.96	Midgut	UNKN:-:19476585-19476532;3L:+:24755766-24755819	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_4574	TVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	129	1.67E-12	1	1743.901	3.16	Visceras	UNKN:-:19477114-19477067;3L:+:24755219-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_5789	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	165	1.77E-16	1	2233.198	0.3	Ovary	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_6094	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	143	2.64E-14	1	2233.200	0.85	Head	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_8377	SYYPVTTGTSVVGLMFK	AGAP012608-PA,AGAP011444-PA	M15(Oxidation)	103	6.67E-10	1	1865.940	2.25	Male reproductive organs	UNKN:-:19477344-19477494,19477047-19477208;3L:+:24754988-24754992,24755080-24755125	exon=> In CDS Exon 2 and 1 of transcript AGAP012608-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011444-PA
JHU_Ag_10816	EWSENPTAYQTLGQPEANDLMKR	AGAP012608-PA,AGAP011444-PA	M21(Oxidation)	76	3.35E-07	1	2694.255	3.09	Male reproductive organs	UNKN:-:19476735-19476667;3L:+:24755616-24755684	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_11358	SFYNWLTR	AGAP012608-PA,AGAP011444-PA	-	67	2.28E-06	1	1086.537	0.05	Male reproductive organs	UNKN:-:19476930-19476907;3L:+:24755421-24755444	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_19903	SYYPVTTGTSVVGLMFK	AGAP012608-PA,AGAP011444-PA	M15(Oxidation)	128	2.10E-12	2	1865.932	-1.74	Midgut	UNKN:-:19477344-19477494,19477047-19477208;3L:+:24754988-24754992,24755080-24755125	exon=> In CDS Exon 2 and 1 of transcript AGAP012608-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011444-PA
JHU_Ag_21417	DGVIIAADKLISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	104	1.64E-10	2	1862.036	-1	Midgut	UNKN:-:19477207-19477154;3L:+:24755126-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_22102	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	87	1.12E-08	1	2233.200	1.09	Salivary gland	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_24291	EWSENPTAYQTLGQPEANDLMKR	AGAP012608-PA,AGAP011444-PA	M21(Oxidation)	98	1.87E-09	1	2694.243	-1.4	Midgut	UNKN:-:19476735-19476667;3L:+:24755616-24755684	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA

JHU_Ag_33945	LISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	41	0.000650548	2	979.558	0.47	Pupa	UNKN:-:19477180-19477154;3L:+:24755153-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_36361	TVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	142	9.13E-14	1	1743.894	-0.48	Ovary	UNKN:-:19477114-19477067;3L:+:24755219-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_37721	DGVIIAADK	AGAP012608-PA,AGAP011444-PA	-	48	0.000294335	1	901.500	1.54	Pupa	UNKN:-:19477207-19477181;3L:+:24755126-24755152	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_39479	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	67	1.10E-06	1	2233.200	1.17	Male reproductive organs	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_42164	DGVIIAADKLISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	76	7.98E-08	1	1862.044	2.86	Pupa	UNKN:-:19477207-19477154;3L:+:24755126-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_43196	YSQAVCTADGVK	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl)	87	2.61E-08	1	1298.606	0.82	Ovary	UNKN:-:19476621-19476586;3L:+:24755730-24755765	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_43524	SYYPVTTGTSVVGLMFK	AGAP012608-PA,AGAP011444-PA	M15(Oxidation)	91	1.16E-08	1	1865.936	0.29	Head	UNKN:-:19477344-19477494,19477047-19477208;3L:+:24754988-24754992,24755080-24755125	exon=> In CDS Exon 2 and 1 of transcript AGAP012608-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011444-PA
JHU_Ag_44555	INDKTVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	108	1.78E-10	1	2214.153	4.16	Ovary	UNKN:-:19477126-19477067;3L:+:24755207-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_47941	VMEVLWYR	AGAP012608-PA,AGAP011444-PA	M2(Oxidation)	55	3.39E-05	1	1111.560	-0.71	Ovary	UNKN:-:19476666-19476643;3L:+:24755685-24755708	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_50177	FHDVDR	AGAP012608-PA,AGAP011444-PA	-	31	0.004341154	1	788.370	2.3	Ovary	UNKN:-:19477153-19477136;3L:+:24755180-24755197	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_51065	SYYPVTTGTSVVGLMFK	AGAP012608-PA,AGAP011444-PA	M15(Oxidation)	116	3.64E-11	1	1865.934	-0.69	Ovary	UNKN:-:19477344-19477494,19477047-19477208;3L:+:24754988-24754992,24755080-24755125	exon=> In CDS Exon 2 and 1 of transcript AGAP012608-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011444-PA
JHU_Ag_52863	VDADCFVAQNWELAHTIK	AGAP012608-PA,AGAP011444-PA	C5(Carbamidomethyl)	126	3.73E-12	1	2117.015	1.11	Ovary	UNKN:-:19476585-19476532;3L:+:24755766-24755819	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA

JHU_Ag_54454	LISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	56	2.01E-05	2	979.557	-0.46	Male reproductive organs	UNKN:-:19477180-19477154;3L:+:24755153-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_55267	VIDDQCLDDKNEMKPR	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl), M13(Oxidation)	62	7.97E-06	1	1991.916	0.04	Midgut	UNKN:-:19477048-19477253,19476523-19476931;3L:+:24755285-24755286,24755375-24755420	exon=> In CDS Exon 3 and 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011444-PA
JHU_Ag_56685	SFYNWLTR	AGAP012608-PA,AGAP011444-PA	-	49	0.000119744	2	1086.540	3.43	Malpighian tubule	UNKN:-:19476930-19476907;3L:+:24755421-24755444	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_57939	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	143	2.79E-14	1	2233.198	0.3	Midgut	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_58059	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	116	1.33E-11	1	2233.200	1.07	Malpighian tubule	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_58224	TVLGIGGDFADFQYIKR	AGAP012608-PA,AGAP011444-PA	-	82	6.63E-08	1	1899.998	1.08	Midgut	UNKN:-:19477114-19477064;3L:+:24755219-24755269	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_64864	LISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	52	5.60E-05	2	979.558	0.47	Ovary	UNKN:-:19477180-19477154;3L:+:24755153-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_65220	YSQAVCTADGVK	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl)	51	0.000107841	2	1298.603	-0.97	Head	UNKN:-:19476621-19476586;3L:+:24755730-24755765	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_65895	DGVIIAADKLISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	62	2.45E-06	1	1862.038	0.11	Male reproductive organs	UNKN:-:19477207-19477154;3L:+:24755126-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_68636	VDADCFVAQNWELAHTIK	AGAP012608-PA,AGAP011444-PA	C5(Carbamidomethyl)	86	4.09E-08	1	2117.014	0.94	Visceras	UNKN:-:19476585-19476532;3L:+:24755766-24755819	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_68740	VDADCFVAQNWELAHTIK	AGAP012608-PA,AGAP011444-PA	C5(Carbamidomethyl)	85	5.54E-08	1	2117.013	0.51	Male reproductive organs	UNKN:-:19476585-19476532;3L:+:24755766-24755819	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_69270	TVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	132	8.09E-13	1	1743.898	1.34	Midgut	UNKN:-:19477114-19477067;3L:+:24755219-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_73053	EWSENPTAYQTLGQPEANDLMK	AGAP012608-PA,AGAP011444-PA	N5(Deamidated),Q10(Deamidated),M21(Oxidation)	97	1.95E-09	2	2538.144	-0.71	Midgut	UNKN:-:19476735-19476670;3L:+:24755616-24755681	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA

JHU_Ag_73672	RVMEVLWYR	AGAP012608-PA,AGAP011444-PA	M3(Oxidation)	30	0.010506693	1	1267.665	3	Midgut	UNKN:-:19476669-19476643;3L:+:24755682-24755708	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_75697	DGVIIAADKLISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	62	2.22E-06	1	1862.043	2.67	Head	UNKN:-:19477207-19477154;3L:+:24755126-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_76685	VMEVLWYR	AGAP012608-PA,AGAP011444-PA	-	60	1.30E-05	2	1095.566	0.77	Pupa	UNKN:-:19476666-19476643;3L:+:24755685-24755708	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_76763	SYYPVTTGTSVVGLMFK	AGAP012608-PA,AGAP011444-PA	M15(Oxidation)	96	3.11E-09	2	1849.950	5.33	Pupa	UNKN:-:19477344-19477494,19477047-19477208;3L:+:24754988-24754992,24755080-24755125	exon=> In CDS Exon 2 and 1 of transcript AGAP012608-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP011444-PA
JHU_Ag_76814	TVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	124	5.15E-12	2	1743.902	3.86	Pupa	UNKN:-:19477114-19477067;3L:+:24755219-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_77749	YSQAVCTADGVK	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl)	68	1.94E-06	1	1298.604	-0.5	Midgut	UNKN:-:19476621-19476586;3L:+:24755730-24755765	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_79146	VIDDQCLDDKNEMKPR	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl), M13(Oxidation)	112	8.98E-11	1	1991.917	0.5	Ovary	UNKN:-:19477048-19477253,19476523-19476931;3L:+:24755285-24755286,24755375-24755420	exon=> In CDS Exon 3 and 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011444-PA
JHU_Ag_80033	RSEFQPLYLDLVIGGMQDGEPFLGHVNLR	AGAP012608-PA,AGAP011444-PA	M16(Oxidation)	45	0.000346607	1	3316.682	1	Ovary	UNKN:-:19476891-19476805;3L:+:24755460-24755546	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_81170	DGVIIAADK	AGAP012608-PA,AGAP011444-PA	-	66	6.36E-06	1	901.498	-1.24	Midgut	UNKN:-:19477207-19477181;3L:+:24755126-24755152	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_84346	TVLGIGGDFADFQYIKR	AGAP012608-PA,AGAP011444-PA	-	63	5.18E-06	1	1899.997	0.37	Pupa	UNKN:-:19477114-19477064;3L:+:24755219-24755269	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_84598	INDKTVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	75	4.13E-07	1	2214.145	0.44	Male reproductive organs	UNKN:-:19477126-19477067;3L:+:24755207-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_86272	DGVIIAADKLISYGSLAR	AGAP012608-PA,AGAP011444-PA	-	106	1.09E-10	1	1862.038	-0.28	Ovary	UNKN:-:19477207-19477154;3L:+:24755126-24755179	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA

JHU_Ag_88184	TVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	118	2.07E-11	2	1743.897	1.06	Head	UNKN:-:19477114-19477067;3L:+:24755219-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_88312	EWSENPTAYQTLGQPEANDLMKR	AGAP012608-PA,AGAP011444-PA	M21(Oxidation)	99	1.42E-09	1	2694.245	-0.65	Ovary	UNKN:-:19476735-19476667;3L:+:24755616-24755684	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_89864	EWSENPTAYQTLGQPEANDLMK	AGAP012608-PA,AGAP011444-PA	M21(Oxidation)	66	2.99E-06	1	2538.147	0.44	Male reproductive organs	UNKN:-:19476735-19476670;3L:+:24755616-24755681	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_92145	VDADCFVAQNWELAHTIK	AGAP012608-PA,AGAP011444-PA	C5(Carbamidomethyl)	75	4.37E-07	1	2117.020	3.62	Malpighian tubule	UNKN:-:19476585-19476532;3L:+:24755766-24755819	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_92676	YSQAVCTADGVK	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl)	53	5.91E-05	1	1298.603	-0.87	Pupa	UNKN:-:19476621-19476586;3L:+:24755730-24755765	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_92972	SFYNWLTR	AGAP012608-PA,AGAP011444-PA	-	61	8.71E-06	1	1086.536	-0.28	Ovary	UNKN:-:19476930-19476907;3L:+:24755421-24755444	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_96097	SFYNWLTR	AGAP012608-PA,AGAP011444-PA	-	67	2.33E-06	1	1086.538	0.95	Pupa	UNKN:-:19476930-19476907;3L:+:24755421-24755444	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_97326	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	159	7.20E-16	1	2233.202	2.05	Pupa	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_101234	TVLGIGGDFADFQYIKR	AGAP012608-PA,AGAP011444-PA	-	83	5.94E-08	1	1899.999	1.46	Male reproductive organs	UNKN:-:19477114-19477064;3L:+:24755219-24755269	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_107382	SYTSNVVATGYGTHLALPLLR	AGAP012608-PA,AGAP011444-PA	-	180	6.02E-18	1	2233.203	2.38	Visceras	UNKN:-:19476798-19476736;3L:+:24755553-24755615	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_108193	VIDDQCLDDKNEMKPR	AGAP012608-PA,AGAP011444-PA	C6(Carbamidomethyl), M13(Oxidation)	71	1.20E-06	1	1991.927	5.44	Male reproductive organs	UNKN:-:19477048-19477253,19476523-19476931;3L:+:24755285-24755286,24755375-24755420	exon=> In CDS Exon 3 and 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP011444-PA
JHU_Ag_108860	SEFQPLYLDLVIGGMQDGEPFLGHVNLR	AGAP012608-PA,AGAP011444-PA	M15(Oxidation)	144	5.46E-14	1	3160.583	1.71	Ovary	UNKN:-:19476888-19476805;3L:+:24755463-24755546	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_112061	TVLGIGGDFADFQYIK	AGAP012608-PA,AGAP011444-PA	-	101	9.62E-10	2	1743.897	1.2	Male reproductive organs	UNKN:-:19477114-19477067;3L:+:24755219-24755266	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA

JHU_Ag_112943	VMEVLWYR	AGAP012608-PA,AGAP011444-PA	M2(Oxidation)	62	6.99E-06	2	1111.560	-0.27	Male reproductive organs	UNKN:-:19476666-19476643;3L:+:24755685-24755708	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_113363	DGVIIAADK	AGAP012608-PA,AGAP011444-PA	-	61	1.53E-05	1	901.500	1.4	Male reproductive organs	UNKN:-:19477207-19477181;3L:+:24755126-24755152	exon=> In CDS Exon 2 of transcript AGAP012608-PA;exon=> In CDS Exon 2 of transcript AGAP011444-PA
JHU_Ag_116685	SFYNWLTR	AGAP012608-PA,AGAP011444-PA	-	44	0.000435765	2	1086.539	1.85	Head	UNKN:-:19476930-19476907;3L:+:24755421-24755444	exon=> In CDS Exon 3 of transcript AGAP012608-PA;exon=> In CDS Exon 3 of transcript AGAP011444-PA
JHU_Ag_62332	DDNMSPGIAAIK	AGAP012611-PA,AGAP003650-PA	M4(Oxidation)	41	0.001319886	2	1247.593	-0.81	Head	UNKN:-:19944799-19944764;2R:+:41002309-41002344	exon=> In CDS Exon 1 of transcript AGAP012611-PA;exon=> In CDS Exon 2 of transcript AGAP003650-PA
JHU_Ag_112179	TLLMVLEK	AGAP012611-PA,AGAP003650-PA	M4(Oxidation)	37	0.000867939	2	962.561	2.34	Male reproductive organs	UNKN:-:19944763-19944740;2R:+:41002345-41002368	exon=> In CDS Exon 1 of transcript AGAP012611-PA;exon=> In CDS Exon 2 of transcript AGAP003650-PA
JHU_Ag_6846	DLPNEYKYNQK	AGAP012611-PA,AGAP012799-PA,AGAP003650-PA	-	45	0.000459309	1	1411.690	3.18	Malpighian tubule	UNKN:-:19943900-19944150,19943725-19943803;UNKN:+:29843904-29843924,29843990-29844001;2R:+:41003208-41003228,41003291-41003302	exon=> In CDS Exon 5 and 4 of transcript AGAP012611-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP012799-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP003650-PA
JHU_Ag_117216	QAITFISEGCR	AGAP012611-PA,AGAP012799-PA,AGAP003650-PA	C10(Carbamidomethyl)	39	0.001895468	1	1281.626	0.19	Salivary gland	UNKN:-:19944432-19944659,19944221-19944331;UNKN:+:29843372-29843401,29843471-29843473;2R:+:41002676-41002705,41002782-41002784	exon=> In CDS Exon 3 and 2 of transcript AGAP012611-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012799-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP003650-PA
JHU_Ag_78439	GGILLK	AGAP012614-PA,AGAP003249-PA	-	32	0.003397786	1	600.407	-1.02	Midgut	UNKN:-:20408697-20408680;2R:-:34469544-34469527	exon=> In CDS Exon 1 of transcript AGAP012614-PA;exon=> In CDS Exon 4 of transcript AGAP003249-PA
JHU_Ag_77077	YIVTAAHCIK	AGAP012614-PA,AGAP003249-PA,AGAP013487-PA	C8(Carbamidomethyl)	73	7.96E-07	1	1175.624	0.02	Pupa	UNKN:-:20407173-20407144;2R:-:34470053-34470024;2R:-:34467968-34467939	exon=> In CDS Exon 3 of transcript AGAP012614-PA;exon=> In CDS Exon 3 of transcript AGAP003249-PA;exon=> In CDS Exon 2 of transcript AGAP013487-PA

JHU_Ag_3622	GEGVYVWDVEGKR	AGAP012615-PA,AGAP004793-PA,AGAP004793-PB	-	67	3.11E-06	1	1493.738	-0.45	Midgut	UNKN:-:20474904-20474866;2L:+:3589296-3589334;2L:+:3589296-3589334	exon=> In CDS Exon 1 of transcript AGAP012615-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PA;exon=> In CDS Exon 1 of transcript AGAP004793-PB
JHU_Ag_35066	YYDFLSAYSAVNQGHCHPK	AGAP012615-PA,AGAP004793-PA,AGAP004793-PB	C16(Carbamidomethyl)	57	2.00E-05	1	2257.011	-0.84	Midgut	UNKN:-:20474865-20474809;2L:+:3589335-3589391;2L:+:3589335-3589391	exon=> In CDS Exon 1 of transcript AGAP012615-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PA;exon=> In CDS Exon 1 of transcript AGAP004793-PB
JHU_Ag_39247	FGAHNYHPLPVALAR	AGAP012615-PA,AGAP004793-PA,AGAP004793-PB	-	49	0.000140212	1	1662.890	1.92	Head	UNKN:-:20474949-20474905;2L:+:3589251-3589295;2L:+:3589251-3589295	exon=> In CDS Exon 1 of transcript AGAP012615-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PA;exon=> In CDS Exon 1 of transcript AGAP004793-PB
JHU_Ag_40487	FGAHNYHPLPVALAR	AGAP012615-PA,AGAP004793-PA,AGAP004793-PB	-	82	8.32E-08	1	1662.888	1.19	Midgut	UNKN:-:20474949-20474905;2L:+:3589251-3589295;2L:+:3589251-3589295	exon=> In CDS Exon 1 of transcript AGAP012615-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PA;exon=> In CDS Exon 1 of transcript AGAP004793-PB
JHU_Ag_115706	GEGVYVWDVEGK	AGAP012615-PA,AGAP004793-PA,AGAP004793-PB	-	66	3.68E-06	2	1337.638	0.44	Midgut	UNKN:-:20474904-20474869;2L:+:3589296-3589331;2L:+:3589296-3589331	exon=> In CDS Exon 1 of transcript AGAP012615-PA;exon=> In CDS Exon 2 of transcript AGAP004793-PA;exon=> In CDS Exon 1 of transcript AGAP004793-PB
JHU_Ag_31933	LYYDLPDAYLTDQYRPYGPSIQNR	AGAP012616-PA	-	68	2.41E-06	1	2921.412	0.52	Visceras	UNKN:+:20920922-20920993	exon=> In CDS Exon 1 of transcript AGAP012616-PA
JHU_Ag_98124	LFLGPK	AGAP012616-PA	-	30	0.003631321	1	674.424	-0.13	Pupa	UNKN:+:20922573-20922590	exon=> In CDS Exon 4 of transcript AGAP012616-PA
JHU_Ag_112433	NVLLTFWQR	AGAP012616-PA	-	43	0.000493723	2	1176.656	3.06	Malpighian tubule	UNKN:+:20922402-20922428	exon=> In CDS Exon 4 of transcript AGAP012616-PA
JHU_Ag_54774	FTNTVIART	AGAP012616-PA,AGAP004975-PA,AGAP004977-PA	-	65	2.68E-06	2	1022.566	3.3	Malpighian tubule	UNKN:+:20923234-20923260;2L:-:7441694-7441668;2L:-:7452481-7452455	exon=> In CDS Exon 6 of transcript AGAP012616-PA;exon=> In CDS Exon 6 of transcript AGAP004975-PA;exon=> In CDS Exon 6 of transcript AGAP004977-PA
JHU_Ag_3747	FTNTVIAR	AGAP012616-PA,AGAP004975-PA,AGAP004977-PA,AGAP004981-PA	-	33	0.005274946	2	921.514	-1.3	Head	UNKN:+:20923234-20923257;2L:-:7441694-7441671;2L:-:7452481-7452458;2L:-:7503496-7503473	exon=> In CDS Exon 6 of transcript AGAP012616-PA;exon=> In CDS Exon 6 of transcript AGAP004975-PA;exon=> In CDS Exon 6 of transcript AGAP004977-PA;exon=> In CDS Exon 6 of transcript AGAP004981-PA

JHU_Ag_6536	FTNTVIAR	AGAP012616-PA,AGAP004975-PA,AGAP004977-PA,AGAP004981-PA	-	38	0.001284736	2	921.519	3.74	Malpighian tubule	UNKN:+:20923234-20923257;2L:-:7441694-7441671;2L:-:7452481-7452458;2L:-:7503496-7503473	exon=> In CDS Exon 6 of transcript AGAP012616-PA;exon=> In CDS Exon 6 of transcript AGAP004975-PA;exon=> In CDS Exon 6 of transcript AGAP004977-PA;exon=> In CDS Exon 6 of transcript AGAP004981-PA
JHU_Ag_83549	FTNTVIAR	AGAP012616-PA,AGAP004975-PA,AGAP004977-PA,AGAP004981-PA	-	46	0.000276966	2	921.515	-0.5	Pupa	UNKN:+:20923234-20923257;2L:-:7441694-7441671;2L:-:7452481-7452458;2L:-:7503496-7503473	exon=> In CDS Exon 6 of transcript AGAP012616-PA;exon=> In CDS Exon 6 of transcript AGAP004975-PA;exon=> In CDS Exon 6 of transcript AGAP004977-PA;exon=> In CDS Exon 6 of transcript AGAP004981-PA
JHU_Ag_1095	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	M15(Oxidation)	43	0.000562218	1	2246.031	1.22	Pupa	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_4672	RALCALIGGA	AGAP012624-PA,AGAP003722-PA	C4(Carbamidomethyl)	53	7.42E-05	1	1001.557	0.87	Head	UNKN:-:21460289-21460260;2R:+:42435838-42435867	exon=> In CDS Exon 2 of transcript AGAP012624-PA;exon=> In CDS Exon 4 of transcript AGAP003722-PA
JHU_Ag_14749	ALCALIGGA	AGAP012624-PA,AGAP003722-PA	C3(Carbamidomethyl)	51	0.00014929	1	845.455	-0.13	Midgut	UNKN:-:21460286-21460260;2R:+:42435841-42435867	exon=> In CDS Exon 2 of transcript AGAP012624-PA;exon=> In CDS Exon 4 of transcript AGAP003722-PA
JHU_Ag_17831	TLLSAVR	AGAP012624-PA,AGAP003722-PA	-	51	4.88E-05	2	759.473	1.35	Visceras	UNKN:-:21460776-21460756;2R:+:42435371-42435391	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_20308	TLLSAVR	AGAP012624-PA,AGAP003722-PA	-	47	0.000125796	2	759.473	0.46	Male reproductive organs	UNKN:-:21460776-21460756;2R:+:42435371-42435391	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_22157	TLLSAVR	AGAP012624-PA,AGAP003722-PA	-	46	0.000391143	2	759.472	-0.18	Salivary gland	UNKN:-:21460776-21460756;2R:+:42435371-42435391	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_23326	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	-	67	3.30E-06	1	2230.043	4.31	Visceras	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_26649	SELSGELYDALSAIVECVQMAPHFFAK	AGAP012624-PA,AGAP003722-PA	C17(Carbamidomethyl), M20(Oxidation)	172	7.10E-17	1	3028.445	0.6	Ovary	UNKN:-:21460980-21460900;2R:+:42435167-42435247	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_43123	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	M15(Oxidation)	79	1.69E-07	1	2246.033	2.19	Salivary gland	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_44360	ALCALIGGA	AGAP012624-PA,AGAP003722-PA	C3(Carbamidomethyl)	51	0.000148484	1	845.457	2.83	Malpighian tubule	UNKN:-:21460286-21460260;2R:+:42435841-42435867	exon=> In CDS Exon 2 of transcript AGAP012624-PA;exon=> In CDS Exon 4 of transcript AGAP003722-PA

JHU_Ag_46028	SEIDLQNVK	AGAP012624-PA,AGAP003722-PA	-	44	0.000731259	2	1045.552	-0.74	Head	UNKN:-:21460830-21460804;2R:+:42435317-42435343	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_53193	ALCALIGGA	AGAP012624-PA,AGAP003722-PA	C3(Carbamidomethyl)	67	4.35E-06	1	845.456	1.6	Pupa	UNKN:-:21460286-21460260;2R:+:42435841-42435867	exon=> In CDS Exon 2 of transcript AGAP012624-PA;exon=> In CDS Exon 4 of transcript AGAP003722-PA
JHU_Ag_63597	SEIDLQNVK	AGAP012624-PA,AGAP003722-PA	-	44	0.000718073	1	1045.552	-0.39	Ovary	UNKN:-:21460830-21460804;2R:+:42435317-42435343	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_66994	AMDGAGTDDEKLIR	AGAP012624-PA,AGAP003722-PA	M2(Oxidation)	116	4.11E-11	1	1507.709	2.31	Malpighian tubule	UNKN:-:21460887-21460846;2R:+:42435260-42435301	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_72536	TLLSAVR	AGAP012624-PA,AGAP003722-PA	-	32	0.00370166	1	759.479	8.34	Malpighian tubule	UNKN:-:21460776-21460756;2R:+:42435371-42435391	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_75768	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	M15(Oxidation)	97	2.24E-09	1	2246.027	-0.66	Male reproductive organs	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_79810	TLLSAVR	AGAP012624-PA,AGAP003722-PA	-	49	0.000168398	1	759.472	-0.02	Ovary	UNKN:-:21460776-21460756;2R:+:42435371-42435391	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_79881	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	M15(Oxidation)	79	1.64E-07	1	2246.034	2.77	Larva	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_84503	NECSGDYKR	AGAP012624-PA,AGAP003722-PA	C3(Carbamidomethyl)	47	8.87E-05	2	1128.476	2.09	Male reproductive organs	UNKN:-:21460313-21460287;2R:+:42435814-42435840	exon=> In CDS Exon 2 of transcript AGAP012624-PA;exon=> In CDS Exon 4 of transcript AGAP003722-PA
JHU_Ag_87389	AMDGAGTDDEK	AGAP012624-PA,AGAP003722-PA	M2(Oxidation)	66	6.32E-07	2	1125.440	2.74	Head	UNKN:-:21460887-21460855;2R:+:42435260-42435292	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_102811	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	-	86	3.96E-08	1	2230.039	2.67	Malpighian tubule	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_106039	ALCALIGGA	AGAP012624-PA,AGAP003722-PA	C3(Carbamidomethyl)	67	4.12E-06	1	845.458	3.55	Salivary gland	UNKN:-:21460286-21460260;2R:+:42435841-42435867	exon=> In CDS Exon 2 of transcript AGAP012624-PA;exon=> In CDS Exon 4 of transcript AGAP003722-PA
JHU_Ag_110257	ALCALIGGA	AGAP012624-PA,AGAP003722-PA	C3(Carbamidomethyl)	51	0.00014776	1	845.460	5.64	Larva	UNKN:-:21460286-21460260;2R:+:42435841-42435867	exon=> In CDS Exon 2 of transcript AGAP012624-PA;exon=> In CDS Exon 4 of transcript AGAP003722-PA
JHU_Ag_112569	TLLSAVR	AGAP012624-PA,AGAP003722-PA	-	36	0.003676629	2	759.472	-0.5	Pupa	UNKN:-:21460776-21460756;2R:+:42435371-42435391	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA

JHU_Ag_115691	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	M15(Oxidation)	75	4.13E-07	1	2246.027	-0.5	Midgut	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_116182	SEIDLQNVKDEFEQMYNK	AGAP012624-PA,AGAP003722-PA	M15(Oxidation)	128	1.73E-12	1	2246.031	1.05	Ovary	UNKN:-:21460830-21460777;2R:+:42435317-42435370	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA
JHU_Ag_17682	LSGQTIEQAMK	AGAP012624-PA,AGAP003722-PA,AGAP012784-PA	M10(Oxidation)	81	1.30E-07	2	1221.610	-3.7	Male reproductive organs	UNKN:-:21461013-21460981;2R:+:42435134-42435166;UNKN:-:28949887-28949855	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_25590	LSGQTIEQAMK	AGAP012624-PA,AGAP003722-PA,AGAP012784-PA	M10(Oxidation)	66	3.82E-06	1	1221.612	-1.7	Ovary	UNKN:-:21461013-21460981;2R:+:42435134-42435166;UNKN:-:28949887-28949855	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_26246	LSGQTIEQAMK	AGAP012624-PA,AGAP003722-PA,AGAP012784-PA	M10(Oxidation)	85	5.21E-08	1	1221.613	-0.8	Pupa	UNKN:-:21461013-21460981;2R:+:42435134-42435166;UNKN:-:28949887-28949855	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_40191	LSGQTIEQAMK	AGAP012624-PA,AGAP003722-PA,AGAP012784-PA	M10(Oxidation)	47	0.000341413	2	1221.618	2.6	Salivary gland	UNKN:-:21461013-21460981;2R:+:42435134-42435166;UNKN:-:28949887-28949855	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_51538	LSGQTIEQAMK	AGAP012624-PA,AGAP003722-PA,AGAP012784-PA	-	37	0.003904026	1	1205.623	2.57	Malpighian tubule	UNKN:-:21461013-21460981;2R:+:42435134-42435166;UNKN:-:28949887-28949855	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_55898	LSGQTIEQAMK	AGAP012624-PA,AGAP003722-PA,AGAP012784-PA	M10(Oxidation)	84	6.18E-08	2	1221.617	1.8	Larva	UNKN:-:21461013-21460981;2R:+:42435134-42435166;UNKN:-:28949887-28949855	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA

JHU_Ag_105385	LSGQTIEQAMK	AGAP012624-PA,AGAP003722-PA,AGAP012784-PA	-	70	1.65E-06	2	1205.620	0.74	Midgut	UNKN:-:21461013-21460981;2R:+:42435134-42435166;UNKN:-:28949887-28949855	exon=> In CDS Exon 1 of transcript AGAP012624-PA;exon=> In CDS Exon 3 of transcript AGAP003722-PA;exon=> In CDS Exon 3 of transcript AGAP012784-PA
JHU_Ag_8755	TLLSAVK	AGAP012625-PA,AGAP003720-PA	-	39	0.000483131	2	731.466	0.13	Salivary gland	UNKN:+:21467745-21467765;2R:-:42428722-42428702	exon=> In CDS Exon 1 of transcript AGAP012625-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_22898	RVLCALIGGA	AGAP012625-PA,AGAP003720-PA	C4(Carbamidomethyl)	67	1.61E-06	1	1029.589	1.09	Head	UNKN:+:21467865-21467894;2R:-:42428602-42428573	exon=> In CDS Exon 2 of transcript AGAP012625-PA;exon=> In CDS Exon 3 of transcript AGAP003720-PA
JHU_Ag_42357	TLLSAVK	AGAP012625-PA,AGAP003720-PA	-	37	0.000998254	2	731.467	0.46	Ovary	UNKN:+:21467745-21467765;2R:-:42428722-42428702	exon=> In CDS Exon 1 of transcript AGAP012625-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_78660	AEIDLQNIKDEFEQMYNK	AGAP012625-PA,AGAP003720-PA	M15(Oxidation)	72	9.17E-07	1	2244.047	-0.95	Ovary	UNKN:+:21467691-21467744;2R:-:42428776-42428723	exon=> In CDS Exon 1 of transcript AGAP012625-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_88578	AMDGLGTDDKTLIR	AGAP012625-PA,AGAP003720-PA	-	46	0.000478846	2	1505.764	1.02	Malpighian tubule	UNKN:+:21467634-21467675;2R:-:42428833-42428792	exon=> In CDS Exon 1 of transcript AGAP012625-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_113987	AEIDLQNIKDEFEQMYNK	AGAP012625-PA,AGAP003720-PA	-	49	0.000171515	3	2228.052	-0.83	Midgut	UNKN:+:21467691-21467744;2R:-:42428776-42428723	exon=> In CDS Exon 1 of transcript AGAP012625-PA;exon=> In CDS Exon 2 of transcript AGAP003720-PA
JHU_Ag_116755	VLCALIGGA	AGAP012625-PA,AGAP003720-PA	C3(Carbamidomethyl)	34	0.006875934	1	873.488	1.91	Head	UNKN:+:21467868-21467894;2R:-:42428599-42428573	exon=> In CDS Exon 2 of transcript AGAP012625-PA;exon=> In CDS Exon 3 of transcript AGAP003720-PA
JHU_Ag_2002	IKPANLQIENHIYLQQTGLVK	AGAP012641-PA,AGAP003408-PA	-	104	8.64E-11	1	2420.371	1.92	Ovary	UNKN:-:21981623-21981719,21981366-21981440;2R:+:37452610-37452630,37452752-37452793	exon=> In CDS Exon 5 and 4 of transcript AGAP012641-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP003408-PA
JHU_Ag_3205	MPALGFGTWR	AGAP012641-PA,AGAP003408-PA	M1(Oxidation)	51	0.000115417	2	1151.568	1.17	Ovary	UNKN:-:21984470-21984441;2R:+:37449799-37449828	exon=> In CDS Exon 1 of transcript AGAP012641-PA;exon=> In CDS Exon 1 of transcript AGAP003408-PA
JHU_Ag_5006	TPAQILLR	AGAP012641-PA,AGAP003408-PA	-	58	3.36E-06	2	911.566	-1.96	Ovary	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_6199	TPAQILLR	AGAP012641-PA,AGAP003408-PA	-	62	1.38E-06	2	911.568	0.45	Visceras	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA

JHU_Ag_17652	ANGITVTAYSPLGSK	AGAP012641-PA,AGAP003408-PA	-	36	0.002933377	1	1478.786	0.47	Malpighian tubule	UNKN:-:21981430-21981386;2R:+:37452803-37452847	exon=> In CDS Exon 5 of transcript AGAP012641-PA;exon=> In CDS Exon 5 of transcript AGAP003408-PA
JHU_Ag_20755	ANGITVTAYSPLGSK	AGAP012641-PA,AGAP003408-PA	-	67	2.30E-06	2	1478.784	-0.43	Ovary	UNKN:-:21981430-21981386;2R:+:37452803-37452847	exon=> In CDS Exon 5 of transcript AGAP012641-PA;exon=> In CDS Exon 5 of transcript AGAP003408-PA
JHU_Ag_27246	ALNQALEAGYR	AGAP012641-PA,AGAP003408-PA	-	73	8.49E-07	1	1205.629	1.22	Male reproductive organs	UNKN:-:21984311-21984279;2R:+:37449957-37449989	exon=> In CDS Exon 2 of transcript AGAP012641-PA;exon=> In CDS Exon 2 of transcript AGAP003408-PA
JHU_Ag_31585	QDRTPAQILLR	AGAP012641-PA,AGAP003408-PA	Q7(Deamidated),Q1(Deamidated)	30	0.005504975	1	1311.743	4.11	Larva	UNKN:-:21981225-21981193;2R:+:37453008-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_33879	SIGLSNFNQR	AGAP012641-PA,AGAP003408-PA	-	58	2.76E-05	1	1135.584	-1.72	Ovary	UNKN:-:21981683-21981654;2R:+:37452550-37452579	exon=> In CDS Exon 4 of transcript AGAP012641-PA;exon=> In CDS Exon 4 of transcript AGAP003408-PA
JHU_Ag_34479	SIGLSNFNQR	AGAP012641-PA,AGAP003408-PA	-	51	0.000141389	2	1135.586	0.43	Male reproductive organs	UNKN:-:21981683-21981654;2R:+:37452550-37452579	exon=> In CDS Exon 4 of transcript AGAP012641-PA;exon=> In CDS Exon 4 of transcript AGAP003408-PA
JHU_Ag_35292	IDLTFENGHK	AGAP012641-PA,AGAP003408-PA	-	48	0.000269057	1	1173.590	0.41	Head	UNKN:-:21984500-21984471;2R:+:37449769-37449798	exon=> In CDS Exon 1 of transcript AGAP012641-PA;exon=> In CDS Exon 1 of transcript AGAP003408-PA
JHU_Ag_44373	GMEAIADAGLAR	AGAP012641-PA,AGAP003408-PA	M2(Oxidation)	46	0.000480606	2	1190.597	11.43	Ovary	UNKN:-:21981719-21981684;2R:+:37452514-37452549	exon=> In CDS Exon 4 of transcript AGAP012641-PA;exon=> In CDS Exon 4 of transcript AGAP003408-PA
JHU_Ag_45599	EELFIVTK	AGAP012641-PA,AGAP003408-PA	-	46	0.000226912	2	978.551	0.29	Ovary	UNKN:-:21984191-21984168;2R:+:37450077-37450100	exon=> In CDS Exon 2 of transcript AGAP012641-PA;exon=> In CDS Exon 2 of transcript AGAP003408-PA
JHU_Ag_51744	IDLTFENGHK	AGAP012641-PA,AGAP003408-PA	N7(Deamidated)	37	0.002780906	1	1174.574	0.17	Ovary	UNKN:-:21984500-21984471;2R:+:37449769-37449798	exon=> In CDS Exon 1 of transcript AGAP012641-PA;exon=> In CDS Exon 1 of transcript AGAP003408-PA
JHU_Ag_52322	TPAQILLR	AGAP012641-PA,AGAP003408-PA	-	43	0.000125367	2	911.565	-2.22	Head	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_55459	TPAQILLR	AGAP012641-PA,AGAP003408-PA	Q4(Deamidated)	55	7.40E-06	1	911.567	-0.82	Male reproductive organs	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_61451	TPAQILLR	AGAP012641-PA,AGAP003408-PA	-	67	4.18E-07	2	911.567	-0.28	Midgut	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_63804	GMEAIADAGLAR	AGAP012641-PA,AGAP003408-PA	M2(Oxidation)	49	0.000204075	2	1190.592	6.82	Larva	UNKN:-:21981719-21981684;2R:+:37452514-37452549	exon=> In CDS Exon 4 of transcript AGAP012641-PA;exon=> In CDS Exon 4 of transcript AGAP003408-PA

JHU_Ag_71949	APDEEVEKALNQALEAGYR	AGAP012641-PA,AGAP003408-PA	-	95	5.23E-09	1	2103.041	2.57	Malpighian tubule	UNKN:-:21984335-21984279;2R:+:37449933-37449989	exon=> In CDS Exon 2 of transcript AGAP012641-PA;exon=> In CDS Exon 2 of transcript AGAP003408-PA
JHU_Ag_79432	EVPDLLDNPVVK	AGAP012641-PA,AGAP003408-PA	-	46	0.000227763	2	1337.731	-0.22	Head	UNKN:-:21981276-21981241;2R:+:37452957-37452992	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_83504	MPALGFGTWR	AGAP012641-PA,AGAP003408-PA	-	46	0.000436231	2	1135.572	0.58	Malpighian tubule	UNKN:-:21984470-21984441;2R:+:37449799-37449828	exon=> In CDS Exon 1 of transcript AGAP012641-PA;exon=> In CDS Exon 1 of transcript AGAP003408-PA
JHU_Ag_87151	ALNQALEAGYR	AGAP012641-PA,AGAP003408-PA	-	51	0.000136724	2	1205.628	0.61	Pupa	UNKN:-:21984311-21984279;2R:+:37449957-37449989	exon=> In CDS Exon 2 of transcript AGAP012641-PA;exon=> In CDS Exon 2 of transcript AGAP003408-PA
JHU_Ag_91155	ALNQALEAGYR	AGAP012641-PA,AGAP003408-PA	-	64	5.84E-06	2	1205.632	3.45	Malpighian tubule	UNKN:-:21984311-21984279;2R:+:37449957-37449989	exon=> In CDS Exon 2 of transcript AGAP012641-PA;exon=> In CDS Exon 2 of transcript AGAP003408-PA
JHU_Ag_93921	EVPDLLDNPVVK	AGAP012641-PA,AGAP003408-PA	-	52	5.43E-05	2	1337.731	0.14	Ovary	UNKN:-:21981276-21981241;2R:+:37452957-37452992	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_99808	TPAQILLR	AGAP012641-PA,AGAP003408-PA	-	61	1.89E-06	2	911.567	-0.88	Pupa	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_109966	TPAQILLR	AGAP012641-PA,AGAP003408-PA	-	59	3.06E-06	1	911.567	-0.01	Salivary gland	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_112107	HIDCAPVYLNEPTIGR	AGAP012641-PA,AGAP003408-PA	C4(Carbamidomethyl)	83	7.74E-08	1	1854.926	4.95	Ovary	UNKN:-:21984278-21984231;2R:+:37449990-37450037	exon=> In CDS Exon 2 of transcript AGAP012641-PA;exon=> In CDS Exon 2 of transcript AGAP003408-PA
JHU_Ag_113152	TPAQILLR	AGAP012641-PA,AGAP003408-PA	-	58	3.58E-06	2	911.568	1.12	Malpighian tubule	UNKN:-:21981216-21981193;2R:+:37453017-37453040	exon=> In CDS Exon 6 of transcript AGAP012641-PA;exon=> In CDS Exon 6 of transcript AGAP003408-PA
JHU_Ag_114434	IDLTFENGHK	AGAP012641-PA,AGAP003408-PA	-	42	0.000930735	2	1173.589	-0.43	Male reproductive organs	UNKN:-:21984500-21984471;2R:+:37449769-37449798	exon=> In CDS Exon 1 of transcript AGAP012641-PA;exon=> In CDS Exon 1 of transcript AGAP003408-PA
JHU_Ag_114639	MPALGFGTWR	AGAP012641-PA,AGAP003408-PA	M1(Oxidation)	49	0.000195825	2	1151.565	-1.27	Head	UNKN:-:21984470-21984441;2R:+:37449799-37449828	exon=> In CDS Exon 1 of transcript AGAP012641-PA;exon=> In CDS Exon 1 of transcript AGAP003408-PA
JHU_Ag_117302	ALNQALEAGYR	AGAP012641-PA,AGAP003408-PA	-	93	8.04E-09	1	1205.627	0.11	Ovary	UNKN:-:21984311-21984279;2R:+:37449957-37449989	exon=> In CDS Exon 2 of transcript AGAP012641-PA;exon=> In CDS Exon 2 of transcript AGAP003408-PA
JHU_Ag_58135	LNTNSLVEPIR	AGAP012645-PA	-	50	6.93E-05	2	1255.700	-0.13	Ovary	UNKN:-:22215956-22215924	exon=> In CDS Exon 1 of transcript AGAP012645-PA

JHU_Ag_59017	LNTNSLVEPIR	AGAP012645-PA	-	59	8.86E-06	2	1255.700	-0.52	Midgut	UNKN:-:22215956-22215924	exon=> In CDS Exon 1 of transcript AGAP012645-PA
JHU_Ag_38696	VYEDDVWIVTFPK	AGAP012647-PA	-	95	5.03E-09	2	1610.816	3.69	Male reproductive organs	UNKN:+:22331089-22331127	exon=> In CDS Exon 1 of transcript AGAP012647-PA
JHU_Ag_51566	SHLLLPLLPR	AGAP012647-PA	-	47	1.05E-05	1	1158.738	1.66	Malpighian tubule	UNKN:+:22331385-22331414	exon=> In CDS Exon 2 of transcript AGAP012647-PA
JHU_Ag_91703	GAFFDDLLNDR	AGAP012647-PA	-	64	5.10E-06	1	1282.605	-0.81	Male reproductive organs	UNKN:+:22331526-22331558	exon=> In CDS Exon 2 of transcript AGAP012647-PA
JHU_Ag_23228	LYVILR	AGAP012655-PA,AGAP009548-PA	-	26	0.001734049	1	776.502	-0.54	Ovary	UNKN:+:22659425-22659442;3R:+:35947477-35947494	exon=> In CDS Exon 2 of transcript AGAP012655-PA;exon=> In CDS Exon 2 of transcript AGAP009548-PA
JHU_Ag_77629	YGLVLVPISVVR	AGAP012655-PA,AGAP009548-PA	-	39	8.51E-05	1	1314.815	0.6	Ovary	UNKN:+:22658877-22658912;3R:+:35946928-35946963	exon=> In CDS Exon 1 of transcript AGAP012655-PA;exon=> In CDS Exon 1 of transcript AGAP009548-PA
JHU_Ag_43374	QETYAYFSLPFCVGAK	AGAP012660-PA,AGAP004882-PA	C12(Carbamidomethyl)	59	1.95E-05	2	1880.891	1.19	Midgut	UNKN:-:22711356-22711309;2L:-:4944324-4944277	exon=> In CDS Exon 2 of transcript AGAP012660-PA;exon=> In CDS Exon 2 of transcript AGAP004882-PA
JHU_Ag_10315	ELGIYLIGGTIPEK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	71	4.45E-07	2	1502.848	1.1	Salivary gland	UNKN:-:22744431-22744390;UNKN:+:30060281-30060322;2R:+:39069660-39069701	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_27062	VGADKAQNIENALAK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	115	2.98E-11	1	1541.833	2.86	Malpighian tubule	UNKN:-:22744623-22744579;UNKN:+:30060089-30060133;2R:+:39069468-39069512	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_29702	ELGIYLIGGTIPEK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	58	9.80E-06	2	1502.847	0.37	Ovary	UNKN:-:22744431-22744390;UNKN:+:30060281-30060322;2R:+:39069660-39069701	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_30455	SLAAIAK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	38	0.001312672	1	673.424	-0.4	Midgut	UNKN:-:22744452-22744432;UNKN:+:30060260-30060280;2R:+:39069639-39069659	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_31717	VVALPECFNSPYGTQHFPAYAEEIPSGETSR	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	C7(Carbamidomethyl)	170	1.04E-16	1	3453.608	0.62	Malpighian tubule	UNKN:-:22744545-22744453;UNKN:+:30060167-30060259;2R:+:39069546-39069638	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA

JHU_Ag_33387	VVALPECFNSPYGTQHFPAYAEEIPSGETSR	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	C7(Carbamidomethyl)	121	7.71E-12	1	3453.609	0.94	Head	UNKN:-:22744545-22744453;UNKN:+:30060167-30060259;2R:+:39069546-39069638	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_33951	VVALPECFNSPYGTQHFPAYAEEIPSGETSR	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	C7(Carbamidomethyl)	42	0.000731195	1	3453.606	0.2	Midgut	UNKN:-:22744545-22744453;UNKN:+:30060167-30060259;2R:+:39069546-39069638	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_36177	IALLQLK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	30	0.001531539	2	798.545	0.68	Pupa	UNKN:-:22744644-22744624;UNKN:+:30060068-30060088;2R:+:39069447-39069467	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_43555	IALLQLKVGADK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	28	0.001770848	1	1268.788	-4.31	Head	UNKN:-:22744644-22744609;UNKN:+:30060068-30060103;2R:+:39069447-39069482	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_45220	ELGIYLIGGTIPEK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	68	9.40E-07	2	1502.846	-0.53	Midgut	UNKN:-:22744431-22744390;UNKN:+:30060281-30060322;2R:+:39069660-39069701	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_83394	VGADKAQNIENALAK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	54	3.17E-05	1	1541.829	0.55	Midgut	UNKN:-:22744623-22744579;UNKN:+:30060089-30060133;2R:+:39069468-39069512	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_90875	IALLQLK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	52	9.55E-06	1	798.544	-0.69	Ovary	UNKN:-:22744644-22744624;UNKN:+:30060068-30060088;2R:+:39069447-39069467	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_96927	IALLQLKVGADK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	28	0.001918418	1	1268.783	-8.35	Salivary gland	UNKN:-:22744644-22744609;UNKN:+:30060068-30060103;2R:+:39069447-39069482	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_104093	VVALPECFNSPYGTQHFPAYAEEIPSGETSR	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	C7(Carbamidomethyl)	143	5.68E-14	1	3453.606	-0.01	Ovary	UNKN:-:22744545-22744453;UNKN:+:30060167-30060259;2R:+:39069546-39069638	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA

JHU_Ag_111341	IALLQLK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	34	0.000619624	2	798.547	2.44	Malpighian tubule	UNKN:-:22744644-22744624;UNKN:+:30060068-30060088;2R:+:39069447-39069467	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_112670	IALLQLK	AGAP012661-PA,AGAP012801-PA,AGAP003516-PA	-	25	0.003138511	2	798.544	-1.23	Midgut	UNKN:-:22744644-22744624;UNKN:+:30060068-30060088;2R:+:39069447-39069467	exon=> In CDS Exon 2 of transcript AGAP012661-PA;exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_21968	ALDNQAFVAFCSPAR	AGAP012662-PA,AGAP013231-PA	C11(Carbamidomethyl)	72	1.07E-06	1	1666.802	0.6	Salivary gland	UNKN:-:22747216-22747172;2R:+:39067190-39067234	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_22540	NLKNAIDLIR	AGAP012662-PA,AGAP013231-PA	-	65	9.82E-07	1	1169.703	2.49	Malpighian tubule	UNKN:-:22747845-22747816;2R:+:39066560-39066589	exon=> In CDS Exon 1 of transcript AGAP012662-PA;exon=> In CDS Exon 1 of transcript AGAP013231-PA
JHU_Ag_44150	FAEFATAYR	AGAP012662-PA,AGAP013231-PA	-	47	0.000272841	2	1075.520	-0.65	Head	UNKN:-:22747330-22747304;2R:+:39067076-39067102	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_50005	TMGCDLLIYPAVCDVPTGEQHWELLAK	AGAP012662-PA,AGAP013231-PA	M2(Oxidation), C4(Carbamidomethyl), C13(Carbamidomethyl)	96	4.02E-09	1	3132.491	2.36	Head	UNKN:-:22747303-22747223;2R:+:39067103-39067183	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_52300	YATFTVGETR	AGAP012662-PA,AGAP013231-PA	-	41	0.000863802	2	1144.566	2.28	Male reproductive organs	UNKN:-:22747390-22747361;2R:+:39067016-39067045	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_60945	ALDNQAFVAFCSPAR	AGAP012662-PA,AGAP013231-PA	C11(Carbamidomethyl)	81	1.35E-07	2	1666.802	0.89	Malpighian tubule	UNKN:-:22747216-22747172;2R:+:39067190-39067234	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_81954	RTDLYDLK	AGAP012662-PA,AGAP013231-PA	-	36	0.002605583	1	1023.544	-2.91	Head	UNKN:-:22747009-22746986;2R:+:39067397-39067420	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_95625	ALDNQAFVAFCSPARDTHAK	AGAP012662-PA,AGAP013231-PA	C11(Carbamidomethyl)	58	2.56E-05	1	2219.070	1.57	Malpighian tubule	UNKN:-:22747216-22747157;2R:+:39067190-39067249	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_97161	VHLCDSSLSGK	AGAP012662-PA,AGAP013231-PA	C4(Carbamidomethyl)	51	8.92E-05	1	1202.580	-3.06	Head	UNKN:-:22747465-22747433;2R:+:39066941-39066973	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_101048	RIPVFEQK	AGAP012662-PA,AGAP013231-PA	-	39	0.001696942	1	1016.585	-4.14	Head	UNKN:-:22747033-22747010;2R:+:39067373-39067396	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA
JHU_Ag_106187	LIPYGHSLVVDPWGRIIQR	AGAP012662-PA,AGAP013231-PA	-	47	2.95E-05	1	2219.257	5.52	Malpighian tubule	UNKN:-:22747156-22747100;2R:+:39067250-39067306	exon=> In CDS Exon 2 of transcript AGAP012662-PA;exon=> In CDS Exon 2 of transcript AGAP013231-PA

JHU_Ag_111193	IALIQLR	AGAP012662-PA,AGAP013231-PA	-	33	0.000977624	1	826.552	1.56	Malpighian tubule	UNKN:-:22747887-22747867;2R:+:39066518-39066538	exon=> In CDS Exon 1 of transcript AGAP012662-PA;exon=> In CDS Exon 1 of transcript AGAP013231-PA
JHU_Ag_20221	SVAVSYFFHSQGIHYR	AGAP012672-PA	-	54	6.32E-05	1	1897.945	5.53	Ovary	UNKN:-:23077885-23077838	exon=> In CDS Exon 4 of transcript AGAP012672-PA
JHU_Ag_38323	SVAVSYFFHSQGIHYR	AGAP012672-PA	-	108	2.83E-10	1	1897.939	2.35	Malpighian tubule	UNKN:-:23077885-23077838	exon=> In CDS Exon 4 of transcript AGAP012672-PA
JHU_Ag_12492	RYWEVKPK	AGAP012673-PA,AGAP009553-PA,AGAP009552-PA,AGAP009551-PA,AGAP012672-PA	-	47	0.000192853	1	1105.617	1.07	Malpighian tubule	UNKN:-:23081488-23081465;3R:-:36048441-36048418;3R:-:36046042-36046019;3R:-:36043770-36043747;UNKN:-:23077936-23077913	exon=> In CDS Exon 1 of transcript AGAP012673-PA;exon=> In CDS Exon 3 of transcript AGAP009553-PA;exon=> In CDS Exon 3 of transcript AGAP009552-PA;exon=> In CDS Exon 3 of transcript AGAP009551-PA;exon=> In CDS Exon 4 of transcript AGAP012672-PA
JHU_Ag_10263	DLVQSVR	AGAP012674-PA,AGAP009387-PA	-	38	0.003427531	1	816.458	0.39	Male reproductive organs	UNKN:+:23086915-23086935;3R:-:31916280-31916260	exon=> In CDS Exon 3 of transcript AGAP012674-PA;exon=> In CDS Exon 4 of transcript AGAP009387-PA
JHU_Ag_48555	LQARPEIAEWSQMTYSIR	AGAP012674-PA,AGAP009387-PA	M13(Oxidation)	92	9.55E-09	1	2195.095	1.56	Male reproductive organs	UNKN:+:23086584-23086635,23086706-23086707;3R:-:31916611-31916690,31916188-31916488	exon=> In CDS Exon 2 and 3 of transcript AGAP012674-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP009387-PA
JHU_Ag_68191	GFNYEQDDR	AGAP012674-PA,AGAP009387-PA	-	37	0.000487766	2	1143.469	-0.89	Male reproductive organs	UNKN:+:23086735-23086761;3R:-:31916460-31916434	exon=> In CDS Exon 3 of transcript AGAP012674-PA;exon=> In CDS Exon 4 of transcript AGAP009387-PA
JHU_Ag_68750	DILPVVER	AGAP012674-PA,AGAP009387-PA	-	39	0.000512898	2	940.546	-0.27	Male reproductive organs	UNKN:+:23086891-23086914;3R:-:31916304-31916281	exon=> In CDS Exon 3 of transcript AGAP012674-PA;exon=> In CDS Exon 4 of transcript AGAP009387-PA
JHU_Ag_90664	NMYITDVR	AGAP012674-PA,AGAP009387-PA	M2(Oxidation)	47	0.000178151	2	1027.487	-0.38	Male reproductive organs	UNKN:+:23086411-23086433,23086505-23086505;3R:-:31916785-31917006,31916560-31916690	exon=> In CDS Exon 1 and 2 of transcript AGAP012674-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP009387-PA
JHU_Ag_425	IIVEKPFGR	AGAP012678-PA,AGAP010739-PA	-	53	1.53E-05	1	1058.638	1.77	Ovary	UNKN:+:23296903-23296929;3L:+:9151032-9151058	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_6596	GGYFDDFGIIR	AGAP012678-PA,AGAP010739-PA	-	83	5.96E-08	1	1259.609	3.06	Head	UNKN:+:23297143-23297175;3L:+:9151272-9151304	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA

JHU_Ag_8132	GGYFDDFGIIR	AGAP012678-PA,AGAP010739-PA	-	69	1.29E-06	1	1259.604	-1.59	Midgut	UNKN:+:23297143-23297175;3L:+:9151272-9151304	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_8833	ELAIEDVVLGQYVGDPNGADEDSRMGYLDDPTVPK	AGAP012678-PA,AGAP010739-PA	M25(Oxidation)	32	0.007150926	1	3793.787	3.26	Ovary	UNKN:+:23297293-23297397;3L:+:9151422-9151526	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_11310	FGNQIFSPTWNR	AGAP012678-PA,AGAP010739-PA	-	74	5.95E-07	1	1466.718	0.25	Head	UNKN:+:23297050-23297085;3L:+:9151179-9151214	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_11334	GSVTPTYALAVLK	AGAP012678-PA,AGAP010739-PA	-	57	7.06E-06	2	1319.757	0.2	Midgut	UNKN:+:23297398-23297436;3L:+:9151527-9151565	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_13967	IIVEKPFGR	AGAP012678-PA,AGAP010739-PA	-	29	0.003780193	1	1058.638	2.36	Malpighian tubule	UNKN:+:23296903-23296929;3L:+:9151032-9151058	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_16578	YKDVALPDAYER	AGAP012678-PA,AGAP010739-PA	-	62	1.08E-05	1	1439.719	1.89	Ovary	UNKN:+:23297689-23297724;3L:+:9151818-9151853	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_18204	MGYLDDPTVPK	AGAP012678-PA,AGAP010739-PA	M1(Oxidation)	47	0.00027198	2	1251.595	1.91	Ovary	UNKN:+:23297365-23297397;3L:+:9151494-9151526	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_22201	DFELLNQEISK	AGAP012678-PA,AGAP010739-PA	-	80	2.03E-07	2	1335.684	3.83	Midgut	UNKN:+:23296672-23296704;3L:+:9150805-9150837	exon=> In CDS Exon 2 of transcript AGAP012678-PA;exon=> In CDS Exon 4 of transcript AGAP010739-PA
JHU_Ag_26198	GSVTPTYALAVLK	AGAP012678-PA,AGAP010739-PA	-	60	3.91E-06	1	1319.759	1.22	Ovary	UNKN:+:23297398-23297436;3L:+:9151527-9151565	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_26802	FGNQIFSPTWNR	AGAP012678-PA,AGAP010739-PA	-	61	1.21E-05	2	1466.721	2.41	Ovary	UNKN:+:23297050-23297085;3L:+:9151179-9151214	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_36432	LFTEDQLYR	AGAP012678-PA,AGAP010739-PA	-	42	0.000728387	2	1184.597	1.75	Ovary	UNKN:+:23296972-23296998;3L:+:9151101-9151127	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_36841	GGYFDDFGIIR	AGAP012678-PA,AGAP010739-PA	-	33	0.00671897	1	1259.609	2.57	Malpighian tubule	UNKN:+:23297143-23297175;3L:+:9151272-9151304	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_37432	MGYLDDPTVPK	AGAP012678-PA,AGAP010739-PA	M1(Oxidation)	45	0.000461027	2	1251.594	1.42	Midgut	UNKN:+:23297365-23297397;3L:+:9151494-9151526	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_38844	YKDVALPDAYER	AGAP012678-PA,AGAP010739-PA	-	55	5.60E-05	1	1439.721	3.24	Head	UNKN:+:23297689-23297724;3L:+:9151818-9151853	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA

JHU_Ag_42955	IYPTLWWLFR	AGAP012678-PA,AGAP010739-PA	-	40	0.000803541	2	1394.763	0.88	Midgut	UNKN:+:23296387-23296416;3L:+:9150520-9150549	exon=> In CDS Exon 1 of transcript AGAP012678-PA;exon=> In CDS Exon 3 of transcript AGAP010739-PA
JHU_Ag_46161	DFELLNQEISKFEVGR	AGAP012678-PA,AGAP010739-PA	-	52	8.15E-05	3	1923.990	4.42	Malpighian tubule	UNKN:+:23296672-23296719;3L:+:9150805-9150852	exon=> In CDS Exon 2 of transcript AGAP012678-PA;exon=> In CDS Exon 4 of transcript AGAP010739-PA
JHU_Ag_53550	LFTEDQLYR	AGAP012678-PA,AGAP010739-PA	-	39	0.001271786	2	1184.599	3.61	Head	UNKN:+:23296972-23296998;3L:+:9151101-9151127	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_54347	ELAIEDVVLGQYVGDPNGADEDSR	AGAP012678-PA,AGAP010739-PA	-	79	1.88E-07	2	2561.200	-0.31	Malpighian tubule	UNKN:+:23297293-23297364;3L:+:9151422-9151493	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_59757	IFTPLLHYIER	AGAP012678-PA,AGAP010739-PA	-	63	3.85E-06	1	1401.796	5.17	Ovary	UNKN:+:23297797-23297829;3L:+:9151926-9151958	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_60756	SPGITFDMEETELDLTYGHR	AGAP012678-PA,AGAP010739-PA	M8(Oxidation)	57	2.02E-05	1	2327.050	0.05	Malpighian tubule	UNKN:+:23297629-23297688;3L:+:9151758-9151817	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_64134	IYPTLWWLFR	AGAP012678-PA,AGAP010739-PA	-	50	7.42E-05	1	1394.769	4.82	Ovary	UNKN:+:23296387-23296416;3L:+:9150520-9150549	exon=> In CDS Exon 1 of transcript AGAP012678-PA;exon=> In CDS Exon 3 of transcript AGAP010739-PA
JHU_Ag_74168	RDFELLNQEISK	AGAP012678-PA,AGAP010739-PA	-	72	7.71E-07	1	1491.789	5.61	Midgut	UNKN:+:23296669-23296704;3L:+:9150802-9150837	exon=> In CDS Exon 2 of transcript AGAP012678-PA;exon=> In CDS Exon 4 of transcript AGAP010739-PA
JHU_Ag_76451	MGYLDDPTVPK	AGAP012678-PA,AGAP010739-PA	M1(Oxidation)	61	1.44E-05	2	1235.600	1.48	Head	UNKN:+:23297365-23297397;3L:+:9151494-9151526	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_77858	FGNQIFSPTWNR	AGAP012678-PA,AGAP010739-PA	-	54	5.47E-05	2	1466.720	1.5	Pupa	UNKN:+:23297050-23297085;3L:+:9151179-9151214	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_80213	SPGITFDMEETELDLTYGHR	AGAP012678-PA,AGAP010739-PA	M8(Oxidation)	72	6.42E-07	1	2327.054	1.86	Ovary	UNKN:+:23297629-23297688;3L:+:9151758-9151817	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_80605	FGNQIFSPTWNR	AGAP012678-PA,AGAP010739-PA	-	60	1.65E-05	2	1466.716	-1	Midgut	UNKN:+:23297050-23297085;3L:+:9151179-9151214	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_82677	IFTPLLHYIER	AGAP012678-PA,AGAP010739-PA	-	44	0.000395075	1	1401.789	0.35	Pupa	UNKN:+:23297797-23297829;3L:+:9151926-9151958	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_84204	AHVASVLITFK	AGAP012678-PA,AGAP010739-PA	-	35	0.002519637	1	1185.699	0.27	Head	UNKN:+:23297086-23297118;3L:+:9151215-9151247	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA

JHU_Ag_85235	DAQSSNVLSVHLAK	AGAP012678-PA,AGAP010739-PA	-	89	1.48E-08	2	1468.779	2.29	Ovary	UNKN:+:23296930-23296971;3L:+:9151059-9151100	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_85856	LFTEDQLYR	AGAP012678-PA,AGAP010739-PA	-	46	0.000292585	2	1184.595	0.21	Midgut	UNKN:+:23296972-23296998;3L:+:9151101-9151127	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_88657	ELAIEDVVLGQYVGDPNGADEDSRMGYLDDPTVPK	AGAP012678-PA,AGAP010739-PA	M25(Oxidation)	62	7.28E-06	1	3793.786	2.87	Malpighian tubule	UNKN:+:23297293-23297397;3L:+:9151422-9151526	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_88712	IIVEKPFGR	AGAP012678-PA,AGAP010739-PA	-	33	0.00162373	1	1058.637	1.41	Head	UNKN:+:23296903-23296929;3L:+:9151032-9151058	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_89087	LFTEDQLYRIDHYLGK	AGAP012678-PA,AGAP010739-PA	-	34	0.005485496	1	2011.035	3.22	Ovary	UNKN:+:23296972-23297019;3L:+:9151101-9151148	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_91239	DFELLNQEISKFEVGR	AGAP012678-PA,AGAP010739-PA	-	82	7.66E-08	1	1923.991	4.87	Ovary	UNKN:+:23296672-23296719;3L:+:9150805-9150852	exon=> In CDS Exon 2 of transcript AGAP012678-PA;exon=> In CDS Exon 4 of transcript AGAP010739-PA
JHU_Ag_91399	GSVTPTYALAVLK	AGAP012678-PA,AGAP010739-PA	-	49	5.48E-05	2	1319.757	-0.17	Head	UNKN:+:23297398-23297436;3L:+:9151527-9151565	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_92930	RDFELLNQEISK	AGAP012678-PA,AGAP010739-PA	-	81	1.32E-07	2	1491.782	0.87	Head	UNKN:+:23296669-23296704;3L:+:9150802-9150837	exon=> In CDS Exon 2 of transcript AGAP012678-PA;exon=> In CDS Exon 4 of transcript AGAP010739-PA
JHU_Ag_96590	IFTPLLHYIER	AGAP012678-PA,AGAP010739-PA	-	75	2.66E-07	1	1401.789	0.03	Midgut	UNKN:+:23297797-23297829;3L:+:9151926-9151958	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_97154	DFELLNQEISK	AGAP012678-PA,AGAP010739-PA	-	86	4.73E-08	1	1335.680	0.54	Head	UNKN:+:23296672-23296704;3L:+:9150805-9150837	exon=> In CDS Exon 2 of transcript AGAP012678-PA;exon=> In CDS Exon 4 of transcript AGAP010739-PA
JHU_Ag_100240	GGYFDDFGIIR	AGAP012678-PA,AGAP010739-PA	-	45	0.000470128	1	1259.607	1.22	Ovary	UNKN:+:23297143-23297175;3L:+:9151272-9151304	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_101329	AHVASVLITFKEPFGTQGR	AGAP012678-PA,AGAP010739-PA	-	86	1.54E-08	1	2058.115	0.95	Ovary	UNKN:+:23297086-23297142;3L:+:9151215-9151271	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_102888	ERPEPIK	AGAP012678-PA,AGAP010739-PA	-	42	0.000448062	1	868.488	-0.4	Midgut	UNKN:+:23297830-23297850;3L:+:9151959-9151979	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_107152	IFTPLLHYIER	AGAP012678-PA,AGAP010739-PA	-	43	0.000381497	2	1401.792	2.12	Malpighian tubule	UNKN:+:23297797-23297829;3L:+:9151926-9151958	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA

JHU_Ag_108364	SDELSEAWR	AGAP012678-PA,AGAP010739-PA	-	62	8.13E-06	2	1092.496	0.31	Ovary	UNKN:+:23297770-23297796;3L:+:9151899-9151925	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_112012	ELAIEDVVLGQYVGDPNGADEDSR	AGAP012678-PA,AGAP010739-PA	-	64	5.84E-06	3	2561.209	3.52	Head	UNKN:+:23297293-23297364;3L:+:9151422-9151493	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_115310	INNERWDGVPFILR	AGAP012678-PA,AGAP010739-PA	-	32	0.005991386	1	1728.922	1.99	Ovary	UNKN:+:23297437-23297478;3L:+:9151566-9151607	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_116047	IFTPLLHYIER	AGAP012678-PA,AGAP010739-PA	-	75	2.23E-07	1	1401.795	4.3	Head	UNKN:+:23297797-23297829;3L:+:9151926-9151958	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_116556	IQYHDVPGDIFDGKPK	AGAP012678-PA,AGAP010739-PA	-	33	0.006904433	1	1828.919	-1.98	Midgut	UNKN:+:23297518-23297565;3L:+:9151647-9151694	exon=> In CDS Exon 3 of transcript AGAP012678-PA;exon=> In CDS Exon 5 of transcript AGAP010739-PA
JHU_Ag_83858	RQFLELTVDK	AGAP012683-PA,AGAP002024-PA	-	42	0.000463543	1	1248.696	0.8	Head	UNKN:-:23385804-23385775;2R:-:14061524-14061495	exon=> In CDS Exon 4 of transcript AGAP012683-PA;exon=> In CDS Exon 5 of transcript AGAP002024-PA
JHU_Ag_2175	GTVGGNSGVHDTVVNQLLAK	AGAP012684-PA	N6(Deamidated)	74	3.80E-07	1	1966.036	0.44	Salivary gland	UNKN:-:23506066-23506007	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_4022	LLANTVVTFEK	AGAP012684-PA	-	72	3.64E-07	1	1234.705	0.24	Salivary gland	UNKN:-:23506693-23506661	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_4888	KWATLSINQDISVKPYHFER	AGAP012684-PA	-	69	1.34E-06	1	2432.281	3.78	Salivary gland	UNKN:-:23507126-23507067	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_5454	LFADAEEEEKR	AGAP012684-PA	-	52	0.000117062	1	1336.644	4.27	Malpighian tubule	UNKN:-:23506303-23506271	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_6200	QSIINPDWDFGR	AGAP012684-PA	-	86	3.18E-08	1	1447.698	1.22	Head	UNKN:-:23506600-23506565	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_6249	NFSGAELEGLVR	AGAP012684-PA	-	43	0.000849505	2	1291.662	-2.02	Ovary	UNKN:-:23505775-23505740	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_6921	LLANTVVTFEK	AGAP012684-PA	-	61	4.06E-06	2	1234.710	4.49	Malpighian tubule	UNKN:-:23506693-23506661	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_6987	IDGVEQLNNILVIGMTNR	AGAP012684-PA	-	48	0.000168657	1	1999.065	0.28	Visceras	UNKN:-:23506006-23505953	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_8288	IDGVEQLNNILVIGMTNR	AGAP012684-PA	M15(Oxidation)	93	4.69E-09	1	1999.065	0.34	Head	UNKN:-:23506006-23505953	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_12704	NFSGAELEGLVR	AGAP012684-PA	-	68	2.69E-06	2	1291.671	4.97	Malpighian tubule	UNKN:-:23505775-23505740	exon=> In CDS Exon 3 of transcript AGAP012684-PA

JHU_Ag_12751	LLANTVVTFEKAESSGLNLVGR	AGAP012684-PA	-	157	6.36E-16	1	2318.285	5.7	Malpighian tubule	UNKN:-:23506693-23506628	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_13689	VFPPEVVEQLGCK	AGAP012684-PA	C12(Carbamidomethyl)	73	9.26E-07	2	1501.779	4.64	Head	UNKN:-:23506501-23506463	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_14350	LLANTVVTFEK	AGAP012684-PA	-	90	5.95E-09	1	1234.706	1.62	Visceras	UNKN:-:23506693-23506661	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_15678	AESSGLNLVGR	AGAP012684-PA	-	81	1.48E-07	2	1102.586	0.52	Head	UNKN:-:23506660-23506628	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_16969	YVGESEANVR	AGAP012684-PA	-	67	2.65E-06	2	1123.538	0.34	Salivary gland	UNKN:-:23506336-23506307	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_18754	GILLYGPPGTGK	AGAP012684-PA	-	51	5.93E-05	1	1172.672	3.93	Malpighian tubule	UNKN:-:23506453-23506418	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_20416	TVSGEINPGTIGFSLLQR	AGAP012684-PA	-	95	3.38E-09	1	1889.012	-0.61	Male reproductive organs	UNKN:-:23507180-23507127	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_20981	QSIINPDWDFGR	AGAP012684-PA	-	56	3.38E-05	1	1447.704	5.18	Malpighian tubule	UNKN:-:23506600-23506565	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_21291	LAPDVDLRELGQK	AGAP012684-PA	-	40	0.000631184	1	1453.806	3.16	Malpighian tubule	UNKN:-:23505820-23505782	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_23533	AESSGLNLVGR	AGAP012684-PA	-	73	9.58E-07	2	1102.585	0.07	Salivary gland	UNKN:-:23506660-23506628	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_23956	KLAPDVDLR	AGAP012684-PA	-	29	0.005944261	1	1026.596	1.43	Head	UNKN:-:23505823-23505797	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_26487	TVSGEINPGTIGFSLLQR	AGAP012684-PA	-	42	0.000635947	2	1889.015	0.94	Ovary	UNKN:-:23507180-23507127	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_28333	IDGVEQLNNILVIGMTNRR	AGAP012684-PA	M15(Oxidation)	81	5.80E-08	1	2171.163	1.36	Head	UNKN:-:23506006-23505950	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_28479	IDGVEQLNNILVIGMTNRR	AGAP012684-PA	-	29	0.006044408	1	2155.176	5.16	Malpighian tubule	UNKN:-:23506006-23505950	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_29589	LLCLAVK	AGAP012684-PA	C3(Carbamidomethyl)	41	0.000751651	2	816.505	4.03	Malpighian tubule	UNKN:-:23506813-23506793	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_29762	NFSGAELEGLVR	AGAP012684-PA	N1(Deamidated)	101	1.25E-09	1	1291.665	0.43	Head	UNKN:-:23505775-23505740	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_29932	GILLYGPPGTGK	AGAP012684-PA	-	54	3.76E-05	1	1172.669	1.18	Head	UNKN:-:23506453-23506418	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_33462	LAPDVDLR	AGAP012684-PA	-	37	0.001179125	1	898.500	1.11	Head	UNKN:-:23505820-23505797	exon=> In CDS Exon 3 of transcript AGAP012684-PA

JHU_Ag_36940	AESSGLNLVGR	AGAP012684-PA	-	41	0.001614997	2	1102.585	-0.15	Visceras	UNKN:-:23506660-23506628	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_37836	MGIGGLDREFNAIFR	AGAP012684-PA	M1(Oxidation)	35	0.004552821	1	1711.867	5.1	Malpighian tubule	UNKN:-:23506564-23506520	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_38090	WATLSINQDISVKPYHFER	AGAP012684-PA	-	37	0.002662012	1	2304.177	-0.25	Head	UNKN:-:23507123-23507067	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_40210	TVSGEINPGTIGFSLLQR	AGAP012684-PA	-	102	6.02E-10	2	1889.012	-0.54	Midgut	UNKN:-:23507180-23507127	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_40833	MGIGGLDREFNAIFR	AGAP012684-PA	M1(Oxidation)	58	2.41E-05	1	1711.861	1.57	Head	UNKN:-:23506564-23506520	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_41330	VEVDPAAMEK	AGAP012684-PA	M8(Oxidation)	42	0.000783819	2	1104.525	0.43	Head	UNKN:-:23505691-23505662	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_44335	TVSGEINPGTIGFSLLQR	AGAP012684-PA	-	58	1.14E-05	2	1889.022	4.69	Malpighian tubule	UNKN:-:23507180-23507127	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_48861	LLCLAVK	AGAP012684-PA	C3(Carbamidomethyl)	53	4.71E-05	2	816.501	0.29	Salivary gland	UNKN:-:23506813-23506793	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_53148	VQILNIHTR	AGAP012684-PA	Q2(Deamidated)	67	6.56E-07	1	1093.642	-5.41	Head	UNKN:-:23505868-23505842	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_54987	IVNGPQILDKYVGESEANVR	AGAP012684-PA	-	109	1.06E-10	1	2201.163	2.94	Head	UNKN:-:23506366-23506307	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_55137	EFNAIFR	AGAP012684-PA	-	40	0.00110124	1	896.464	1.3	Head	UNKN:-:23506540-23506520	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_61116	LFADAEEEEKR	AGAP012684-PA	-	92	1.14E-08	1	1336.638	0.35	Head	UNKN:-:23506303-23506271	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_61637	TVSGEINPGTIGFSLLQR	AGAP012684-PA	-	115	3.01E-11	2	1889.015	1.4	Visceras	UNKN:-:23507180-23507127	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_64835	GTVGGNSGVHDTVVNQLLAK	AGAP012684-PA	-	88	1.46E-08	1	1966.041	2.8	Visceras	UNKN:-:23506066-23506007	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_69566	LLANTVVTFEK	AGAP012684-PA	-	84	2.25E-08	1	1234.706	1.52	Head	UNKN:-:23506693-23506661	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_73880	GTVGGNSGVHDTVVNQLLAK	AGAP012684-PA	N6(Deamidated)	118	1.57E-11	1	1966.037	0.62	Head	UNKN:-:23506066-23506007	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_75192	YIDLSTAPGQHFIFYIER	AGAP012684-PA	-	40	0.001164491	1	2170.105	3.55	Visceras	UNKN:-:23507234-23507181	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_78605	IVNGPQILDKYVGESEANVR	AGAP012684-PA	-	125	2.63E-12	1	2201.172	7.01	Malpighian tubule	UNKN:-:23506366-23506307	exon=> In CDS Exon 2 of transcript AGAP012684-PA

JHU_Ag_79330	SSEVLCSIALEVDFLQKK	AGAP012684-PA	C6(Carbamidomethyl)	36	0.002641333	1	2066.097	6.19	Malpighian tubule	UNKN:-:23507066-23507013	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_80032	YIDLSTAPGQHFIFYIER	AGAP012684-PA	-	120	1.29E-11	1	2170.102	2.54	Head	UNKN:-:23507234-23507181	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_80096	YVGESEANVR	AGAP012684-PA	-	69	1.46E-06	1	1123.538	0.12	Head	UNKN:-:23506336-23506307	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_84170	LFADAEEEEKR	AGAP012684-PA	-	75	4.57E-07	1	1336.639	0.62	Salivary gland	UNKN:-:23506303-23506271	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_86287	TVSGEINPGTIGFSLLQR	AGAP012684-PA	-	108	1.54E-10	1	1889.015	1.07	Salivary gland	UNKN:-:23507180-23507127	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_86618	EFNAIFR	AGAP012684-PA	-	40	0.001234134	2	896.463	0.94	Visceras	UNKN:-:23506540-23506520	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_88350	RAFASR	AGAP012684-PA	-	30	0.00479027	1	707.395	1.02	Head	UNKN:-:23506519-23506502	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_90526	YIDLSTAPGQHFIFYIER	AGAP012684-PA	-	40	0.001142628	1	2170.116	8.66	Malpighian tubule	UNKN:-:23507234-23507181	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_90589	NFSGAELEGLVR	AGAP012684-PA	-	83	7.87E-08	1	1291.666	1.38	Visceras	UNKN:-:23505775-23505740	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_90644	LEVQMEISLPNEEGR	AGAP012684-PA	M5(Oxidation)	75	5.16E-07	1	1759.859	3.4	Head	UNKN:-:23505913-23505869	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_90963	TLEVIDAAAMAGGASSSGSGNGPVEPK	AGAP012684-PA	M10(Oxidation),"M10(Oxidation), N21(Deamidated)"	146	3.92E-14	2	2489.182	-0.36	Head	UNKN:-:23506792-23506712	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_91240	YIDLSTAPGQHFIFYIER	AGAP012684-PA	-	51	0.000104275	1	2170.097	0.06	Salivary gland	UNKN:-:23507234-23507181	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_92349	LGPASGLHIIIFDEIDAICK	AGAP012684-PA	C19(Carbamidomethyl)	118	1.15E-11	1	2182.161	1.67	Head	UNKN:-:23506132-23506073	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_92479	TVSGEINPGTIGFSLLQR	AGAP012684-PA	-	110	9.23E-11	2	1889.012	-0.54	Head	UNKN:-:23507180-23507127	exon=> In CDS Exon 1 of transcript AGAP012684-PA
JHU_Ag_92549	LLANTVVTFEK	AGAP012684-PA	-	55	2.23E-05	1	1234.704	-0.26	Midgut	UNKN:-:23506693-23506661	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_92802	QSIINPDWDFGR	AGAP012684-PA	-	48	0.000202246	2	1447.697	0.38	Salivary gland	UNKN:-:23506600-23506565	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_97433	MGIGGLDR	AGAP012684-PA	M1(Oxidation)	65	5.30E-06	2	834.413	-0.82	Head	UNKN:-:23506564-23506541	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_97475	VQILNIHTR	AGAP012684-PA	-	42	0.000189829	2	1093.648	-0.17	Salivary gland	UNKN:-:23505868-23505842	exon=> In CDS Exon 3 of transcript AGAP012684-PA

JHU_Ag_99775	QSIINPDWDFGR	AGAP012684-PA	-	100	1.51E-09	1	1447.701	3.25	Visceras	UNKN:-:23506600-23506565	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_103871	LFADAEEEEK	AGAP012684-PA	-	58	1.60E-05	1	1180.537	0.29	Head	UNKN:-:23506303-23506274	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_104575	IVNGPQILDK	AGAP012684-PA	-	50	3.72E-05	2	1096.637	0.35	Head	UNKN:-:23506366-23506337	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_107920	TKNFSGAELEGLVR	AGAP012684-PA	-	45	0.000329901	1	1520.814	4.99	Malpighian tubule	UNKN:-:23505781-23505740	exon=> In CDS Exon 3 of transcript AGAP012684-PA
JHU_Ag_108093	GILLYGPPGTGK	AGAP012684-PA	-	50	9.93E-05	1	1172.667	-0.24	Salivary gland	UNKN:-:23506453-23506418	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_108381	IVNGPQILDK	AGAP012684-PA	-	37	0.000796248	2	1096.636	0.24	Salivary gland	UNKN:-:23506366-23506337	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_109502	RLFADAEEEEK	AGAP012684-PA	-	62	9.67E-06	1	1336.634	-2.94	Head	UNKN:-:23506306-23506274	exon=> In CDS Exon 2 of transcript AGAP012684-PA
JHU_Ag_111682	TVTHEPYDSDQMAR	AGAP012684-PA	M12(Oxidation)	84	2.64E-08	1	1665.717	-0.11	Head	UNKN:-:23507012-23507237,23506271-23506889	exon=> In CDS Exon 2 and 1 of transcript AGAP012684-PA
JHU_Ag_41111	HLIEYSELR	AGAP012696-PA	-	40	0.002043155	1	1159.611	0.12	Head	UNKN:-:24016956-24016930	exon=> In CDS Exon 2 of transcript AGAP012696-PA
JHU_Ag_1851	IFQAVVSNVFNK	AGAP012703-PA,AGAP004262-PA	-	78	1.19E-07	2	1365.751	-1.04	Head	UNKN:-:24226359-24226324;2R:+:53461598-53461633	exon=> In CDS Exon 4 of transcript AGAP012703-PA;exon=> In CDS Exon 4 of transcript AGAP004262-PA
JHU_Ag_2070	IFQAVVSNVFNK	AGAP012703-PA,AGAP004262-PA	-	86	1.87E-08	2	1365.752	-0.06	Male reproductive organs	UNKN:-:24226359-24226324;2R:+:53461598-53461633	exon=> In CDS Exon 4 of transcript AGAP012703-PA;exon=> In CDS Exon 4 of transcript AGAP004262-PA
JHU_Ag_6877	KVDLGGFR	AGAP012703-PA,AGAP004262-PA	-	37	0.002248746	1	891.505	0.09	Head	UNKN:-:24226969-24226946;2R:+:53460988-53461011	exon=> In CDS Exon 2 of transcript AGAP012703-PA;exon=> In CDS Exon 2 of transcript AGAP004262-PA
JHU_Ag_15230	FYMDFSNLFNGDK	AGAP012703-PA,AGAP004262-PA	-	42	0.000513135	2	1597.704	3.01	Visceras	UNKN:-:24226491-24226453;2R:+:53461466-53461504	exon=> In CDS Exon 4 of transcript AGAP012703-PA;exon=> In CDS Exon 4 of transcript AGAP004262-PA
JHU_Ag_16619	GVPEIGLVPLDPLR	AGAP012703-PA,AGAP004262-PA	-	70	2.43E-07	1	1474.865	1.63	Visceras	UNKN:-:24227071-24227030;2R:+:53460886-53460927	exon=> In CDS Exon 2 of transcript AGAP012703-PA;exon=> In CDS Exon 2 of transcript AGAP004262-PA
JHU_Ag_41313	GVPEIGLVPLDPLR	AGAP012703-PA,AGAP004262-PA	-	32	0.001776398	1	1474.865	1.54	Head	UNKN:-:24227071-24227030;2R:+:53460886-53460927	exon=> In CDS Exon 2 of transcript AGAP012703-PA;exon=> In CDS Exon 2 of transcript AGAP004262-PA
JHU_Ag_62506	IFQAVVSNVFNK	AGAP012703-PA,AGAP004262-PA	-	60	6.72E-06	2	1365.753	0.39	Visceras	UNKN:-:24226359-24226324;2R:+:53461598-53461633	exon=> In CDS Exon 4 of transcript AGAP012703-PA;exon=> In CDS Exon 4 of transcript AGAP004262-PA

JHU_Ag_86311	IFQAVVSNVFNK	AGAP012703-PA,AGAP004262-PA	-	86	2.12E-08	2	1365.755	2.08	Pupa	UNKN:-:24226359-24226324;2R:+:53461598-53461633	exon=> In CDS Exon 4 of transcript AGAP012703-PA;exon=> In CDS Exon 4 of transcript AGAP004262-PA
JHU_Ag_92947	AGAEQIKR	AGAP012704-PA	Q5(Deamidated)	45	0.000734761	2	873.479	-0.46	Male reproductive organs	UNKN:-:24391663-24391640	exon=> In CDS Exon 2 of transcript AGAP012704-PA
JHU_Ag_113748	RGDPVDR	AGAP012706-PA,AGAP009370-PA,AGAP009369-PA	-	38	0.001107398	2	814.418	1.84	Male reproductive organs	UNKN:-:24451900-24451880;3R:-:31819673-31819653;3R:-:31817303-31817283	exon=> In CDS Exon 2 of transcript AGAP012706-PA;exon=> In CDS Exon 2 of transcript AGAP009370-PA;exon=> In CDS Exon 2 of transcript AGAP009369-PA
JHU_Ag_2773	YRPGTVALR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	44	0.000346232	1	1032.595	0.2	Head	UNKN:+:24531840-24531866;2R:-:10861025-10860999;2L:+:8380101-8380127;3L:-:38651673-38651647	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_4148	STELLIR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	47	0.000241348	2	831.494	0.41	Salivary gland	UNKN:+:24531888-24531908;2R:-:10860977-10860957;2L:+:8380149-8380169;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_7141	DIQLAR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	38	0.002383266	1	715.410	0.74	Salivary gland	UNKN:+:24532086-24532103;2R:-:10860658-10860641;2L:+:8380347-8380364;3L:-:38651427-38651410	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_38489	EIAQDFKTDLR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	67	3.31E-06	1	1335.689	-0.74	Head	UNKN:+:24531936-24531968;2R:-:10860929-10860897;2L:+:8380197-8380229;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_48706	KLPFQR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	32	0.004500199	2	788.478	0.62	Salivary gland	UNKN:+:24531909-24531926;2R:-:10860956-10860939;2L:+:8380170-8380187;3L:-:38651604-38651587	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA

JHU_Ag_72447	KLPFQR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	31	0.005480518	1	788.481	3.64	Head	UNKN:+:24531909-24531926;2R:-:10860956-10860939;2L:+:8380170-8380187;3L:-:38651604-38651587	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_87504	DIQLAR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	43	0.000642578	1	715.408	-2.42	Head	UNKN:+:24532086-24532103;2R:-:10860658-10860641;2L:+:8380347-8380364;3L:-:38651427-38651410	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_87822	EIAQDFK	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	53	8.28E-05	2	850.432	2.27	Head	UNKN:+:24531936-24531956;2R:-:10860929-10860909;2L:+:8380197-8380217;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_88489	EIAQDFK	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	35	0.003835339	2	850.430	-0.74	Salivary gland	UNKN:+:24531936-24531956;2R:-:10860929-10860909;2L:+:8380197-8380217;3L:-:38651577-38651557	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_97172	STELLIR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	51	0.000100441	2	831.493	-1.13	Head	UNKN:+:24531888-24531908;2R:-:10860977-10860957;2L:+:8380149-8380169;3L:-:38651625-38651605	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_113649	EIAQDFKTDLR	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	39	0.002354904	1	1335.691	0.81	Salivary gland	UNKN:+:24531936-24531968;2R:-:10860929-10860897;2L:+:8380197-8380229;3L:-:38651577-38651545	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA
JHU_Ag_117798	VTIMPK	AGAP012709-PA,AGAP001813-PB,AGAP005024-PA,AGAP012196-PA	-	41	0.001449335	1	688.405	-1.33	Head	UNKN:+:24532068-24532085;2R:-:10860676-10860659;2L:+:8380329-8380346;3L:-:38651445-38651428	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 2 of transcript AGAP001813-PB;exon=> In CDS Exon 1 of transcript AGAP005024-PA;exon=> In CDS Exon 1 of transcript AGAP012196-PA

JHU_Ag_90960	FQSSAVMALQEASEAYLVGLFEDTNLCAIHAK	AGAP012709-PA,AGAP005024-PA	M7(Oxidation), C27(Carbamidomethyl)	147	2.40E-14	1	3529.710	3.47	Head	UNKN:+:24531969-24532064;2L:+:8380230-8380325	exon=> In CDS Exon 1 of transcript AGAP012709-PA;exon=> In CDS Exon 1 of transcript AGAP005024-PA
JHU_Ag_3595	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	54	4.84E-05	1	944.535	4.02	Larva	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_5256	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	Q4(Deamidated)	68	2.03E-06	2	944.532	1.05	Ovary	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_12142	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	65	6.77E-06	1	944.530	-1.4	Head	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_46168	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	75	4.70E-07	1	944.534	2.41	Malpighian tubule	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_53620	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	75	4.74E-07	1	944.533	1.31	Salivary gland	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA

JHU_Ag_61645	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	69	1.84E-06	2	944.533	1.31	Visceras	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_70940	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	68	2.10E-06	2	944.531	-0.69	Male reproductive organs	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_76394	AGLQFPVGRIHR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	50	3.71E-05	1	1350.777	1.39	Malpighian tubule	UNKN:+:24533887-24533922;2R:+:46086417-46086452;X:+:5418625-5418636,5418964-5418987;2R:+:46056887-46056922	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_104487	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	61	9.70E-06	2	944.530	-1.08	Midgut	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_104517	AGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	62	8.74E-06	2	944.534	2.6	Pupa	UNKN:+:24533887-24533913;2R:+:46086417-46086443;X:+:5418625-5418636,5418964-5418978;2R:+:46056887-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_34237	SNRAGLQFPVGR	AGAP012711-PA,AGAP003913-PA,AGAP003911-PA	-	56	3.54E-05	1	1301.713	4.38	Malpighian tubule	UNKN:+:24533878-24533913;2R:+:46086408-46086443;2R:+:46056878-46056913	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA

JHU_Ag_58697	KGNYAER	AGAP012711-PA,AGAP003913-PA,AGAP003911-PA	-	36	0.003149062	2	837.421	-0.29	Midgut	UNKN:+:24533932-24533952;2R:+:46086462-46086482;2R:+:46056932-46056952	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_99612	KGNYAER	AGAP012711-PA,AGAP003913-PA,AGAP003911-PA	-	44	0.000435698	2	837.423	1.75	Ovary	UNKN:+:24533932-24533952;2R:+:46086462-46086482;2R:+:46056932-46056952	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_1013	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	56	4.35E-06	1	850.527	1.75	Malpighian tubule	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_2818	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	46	6.00E-05	1	850.526	0.39	Salivary gland	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_23570	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	35	0.000596278	2	850.528	2.18	Larva	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_24693	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	43	0.000100968	1	850.524	-2.63	Midgut	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA

JHU_Ag_42085	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	Q3(Deamidated)	51	1.87E-05	1	851.505	-5.07	Head	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_77847	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	41	0.000203692	1	850.526	0.31	Male reproductive organs	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_91219	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	41	0.000203692	1	850.526	-0.04	Pupa	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_96161	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	50	2.39E-05	1	850.525	-1.26	Ovary	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_108174	HLQLAIR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP000306-PA,AGAP003911-PA	-	47	4.79E-05	1	850.527	0.89	Visceras	UNKN:+:24534070-24534090;3L:-:38655576-38655556;2R:+:46086600-46086620;X:+:5421613-5421633;2R:+:46057070-46057090	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 4 of transcript AGAP000306-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_14340	NDEELNK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	42	0.000520094	1	861.395	0.29	Ovary	UNKN:+:24534091-24534111;3L:-:38655555-38655535;2R:+:46086621-46086641;2R:+:46057091-46057111	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA

JHU_Ag_17078	NDEELNKLLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	136	2.63E-14	1	3143.771	1.23	Ovary	UNKN:+:24534091-24534180;3L:-:38655555-38655466;2R:+:46086621-46086710;2R:+:46057091-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_19415	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	166	1.39E-17	1	2301.386	-1.92	Head	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_20483	NDEELNK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	50	9.37E-05	1	861.396	1.14	Midgut	UNKN:+:24534091-24534111;3L:-:38655555-38655535;2R:+:46086621-46086641;2R:+:46057091-46057111	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_22906	NDEELNKLLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	78	1.89E-08	1	3143.770	0.64	Midgut	UNKN:+:24534091-24534180;3L:-:38655555-38655466;2R:+:46086621-46086710;2R:+:46057091-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_33364	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation)	170	8.40E-17	1	2905.518	1.8	Pupa	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_37197	HLQLAIRNDEELNK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	39	0.001138731	1	1692.903	-0.09	Salivary gland	UNKN:+:24534070-24534111;3L:-:38655576-38655535;2R:+:46086600-46086641;2R:+:46057070-46057111	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_42378	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	144	2.03E-15	1	2301.388	-1.04	Salivary gland	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_48122	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	77	8.42E-09	1	2301.394	1.64	Visceras	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA

JHU_Ag_50140	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation)	170	7.32E-17	1	2905.526	4.41	Malpighian tubule	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_50236	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	94	2.01E-10	1	2301.401	4.45	Larva	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_53849	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation)	137	1.50E-13	1	2905.524	3.85	Visceras	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_55058	NDEELNKLLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	118	1.59E-12	1	3143.772	1.34	Head	UNKN:+:24534091-24534180;3L:-:38655555-38655466;2R:+:46086621-46086710;2R:+:46057091-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_58789	HLQLAIRNDEELNK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	N8(Deamidated)	108	1.91E-10	1	1693.893	3.56	Ovary	UNKN:+:24534070-24534111;3L:-:38655576-38655535;2R:+:46086600-46086641;2R:+:46057070-46057111	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_58978	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation)	190	8.38E-19	1	2905.516	1.2	Head	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_66399	HLQLAIRNDEELNK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	77	1.97E-07	1	1692.903	0.39	Head	UNKN:+:24534070-24534111;3L:-:38655576-38655535;2R:+:46086600-46086641;2R:+:46057070-46057111	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_68780	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	95	1.69E-10	1	2301.389	-0.88	Midgut	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA

JHU_Ag_70068	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation)	204	3.12E-20	1	2905.529	5.36	Larva	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_76487	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	N15(Deamidated),Q9(Deamidated),Q17(Deamidated)	151	3.87E-16	1	2301.397	2.78	Ovary	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_83047	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation),N26(Deamidated),M13(Oxidation)	190	9.32E-19	1	2905.513	-0.13	Midgut	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_83594	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation)	184	3.25E-18	1	2905.516	1.01	Salivary gland	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_95554	NDEELNK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	44	0.000338441	2	861.394	-0.79	Malpighian tubule	UNKN:+:24534091-24534111;3L:-:38655555-38655535;2R:+:46086621-46086641;2R:+:46057091-46057111	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_101418	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	104	1.67E-11	1	2301.397	2.81	Malpighian tubule	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_107192	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	M13(Oxidation)	217	1.49E-21	1	2905.516	1.13	Ovary	UNKN:+:24533953-24534039;3L:-:38655694-38655608;2R:+:46086483-46086569;2R:+:46056953-46057039	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 2 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_108984	LLSGVTIAQGGVLPNIQAVLLPK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	137	9.91E-15	1	2301.398	3.18	Pupa	UNKN:+:24534112-24534180;3L:-:38655534-38655466;2R:+:46086642-46086710;2R:+:46057112-46057180	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA

JHU_Ag_109810	HLQLAIRNDEELNK	AGAP012711-PA,AGAP012198-PA,AGAP003913-PA,AGAP003911-PA	-	81	6.64E-08	1	1692.906	1.9	Midgut	UNKN:+:24534070-24534111;3L:-:38655576-38655535;2R:+:46086600-46086641;2R:+:46057070-46057111	exon=> In CDS Exon 1 of transcript AGAP012711-PA;exon=> In CDS Exon 3 of transcript AGAP012198-PA;exon=> In CDS Exon 1 of transcript AGAP003913-PA;exon=> In CDS Exon 1 of transcript AGAP003911-PA
JHU_Ag_5750	GTVLSELDTKTQNLSMLSQK	AGAP012717-PA	-	63	4.59E-06	1	2193.148	2.31	Malpighian tubule	UNKN:-:24915432-24915373	exon=> In CDS Exon 4 of transcript AGAP012717-PA
JHU_Ag_10954	GTVLSELDTK	AGAP012717-PA	-	55	4.95E-05	2	1062.567	-0.79	Salivary gland	UNKN:-:24915432-24915403	exon=> In CDS Exon 4 of transcript AGAP012717-PA
JHU_Ag_11986	FVDGLPLVGTMQEDEQSGR	AGAP012717-PA	-	130	1.65E-12	1	2078.000	6.75	Salivary gland	UNKN:-:24916362-24916389,24916141-24916242	exon=> In CDS Exon 2 and 1 of transcript AGAP012717-PA
JHU_Ag_13289	IAFTYLEDIAQEFHSNYGR	AGAP012717-PA	-	110	1.63E-10	1	2274.087	1.89	Head	UNKN:-:24916016-24915960	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_19844	FVDGLPLVGTMQEDEQSGR	AGAP012717-PA	M11(Oxidation)	79	2.01E-07	2	2093.977	-2.06	Male reproductive organs	UNKN:-:24916362-24916389,24916141-24916242	exon=> In CDS Exon 2 and 1 of transcript AGAP012717-PA
JHU_Ag_23549	NINAINNQLQDVQR	AGAP012717-PA	-	94	4.39E-09	1	1639.854	1.79	Salivary gland	UNKN:-:24915869-24915828	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_29851	SILEYQNQAK	AGAP012717-PA	-	55	4.24E-05	1	1193.618	1.86	Malpighian tubule	UNKN:-:24916241-24916212	exon=> In CDS Exon 2 of transcript AGAP012717-PA
JHU_Ag_32252	IAFTYLEDIAQEFHSNYGRR	AGAP012717-PA	-	78	2.16E-07	1	2430.192	3.2	Malpighian tubule	UNKN:-:24916016-24915957	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_45583	IAFTYLEDIAQEFHSNYGR	AGAP012717-PA	-	101	1.12E-09	1	2274.090	3.42	Ovary	UNKN:-:24916016-24915960	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_46185	IAFTYLEDIAQEFHSNYGR	AGAP012717-PA	-	45	0.000465479	1	2274.083	0.2	Midgut	UNKN:-:24916016-24915960	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_47218	NINAINNQLQDVQR	AGAP012717-PA	-	111	8.13E-11	1	1639.856	3.05	Malpighian tubule	UNKN:-:24915869-24915828	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_54948	IMVQNIDDVLQR	AGAP012717-PA	M2(Oxidation)	97	2.95E-09	2	1459.760	1.98	Salivary gland	UNKN:-:24915827-24916077,24915268-24915433	exon=> In CDS Exon 4 and 3 of transcript AGAP012717-PA
JHU_Ag_58408	NINAINNQLQDVQR	AGAP012717-PA	-	69	1.26E-06	1	1639.851	-0.22	Visceras	UNKN:-:24915869-24915828	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_65867	GTVLSELDTK	AGAP012717-PA	-	70	1.41E-06	1	1062.567	-0.79	Male reproductive organs	UNKN:-:24915432-24915403	exon=> In CDS Exon 4 of transcript AGAP012717-PA
JHU_Ag_70203	IMVQNIDDVLQR	AGAP012717-PA	M2(Oxidation)	79	1.76E-07	1	1459.766	5.57	Malpighian tubule	UNKN:-:24915827-24916077,24915268-24915433	exon=> In CDS Exon 4 and 3 of transcript AGAP012717-PA

JHU_Ag_78793	SILEYQNQAK	AGAP012717-PA	-	32	0.009218095	2	1193.615	-1.21	Head	UNKN:-:24916241-24916212	exon=> In CDS Exon 2 of transcript AGAP012717-PA
JHU_Ag_80823	ALMTMIAR	AGAP012717-PA	N-Term(Acetyl), M3(Oxidation), M5(Oxidation)	50	0.000180599	2	980.491	0.11	Male reproductive organs	UNKN:-:24916386-24916363	exon=> In CDS Exon 1 of transcript AGAP012717-PA
JHU_Ag_81333	IAFTYLEDIAQEFHSNYGR	AGAP012717-PA	-	91	1.23E-08	1	2274.086	1.41	Malpighian tubule	UNKN:-:24916016-24915960	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_81875	IMVQNIDDVLQR	AGAP012717-PA	M2(Oxidation)	56	3.74E-05	2	1459.762	2.98	Midgut	UNKN:-:24915827-24916077,24915268-24915433	exon=> In CDS Exon 4 and 3 of transcript AGAP012717-PA
JHU_Ag_82039	FVDGLPLVGTMQEDEQSGR	AGAP012717-PA	M11(Oxidation)	80	1.51E-07	1	2093.985	2.14	Malpighian tubule	UNKN:-:24916362-24916389,24916141-24916242	exon=> In CDS Exon 2 and 1 of transcript AGAP012717-PA
JHU_Ag_88970	NINAINNQLQDVQR	AGAP012717-PA	-	108	2.03E-10	1	1639.850	-0.45	Head	UNKN:-:24915869-24915828	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_89201	NINAINNQLQDVQR	AGAP012717-PA	-	82	6.77E-08	2	1639.848	-1.79	Midgut	UNKN:-:24915869-24915828	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_102653	IMVQNIDDVLQR	AGAP012717-PA	M2(Oxidation)	104	5.39E-10	1	1459.759	1.31	Male reproductive organs	UNKN:-:24915827-24916077,24915268-24915433	exon=> In CDS Exon 4 and 3 of transcript AGAP012717-PA
JHU_Ag_110013	IAFTYLEDIAQEFHSNYGR	AGAP012717-PA	-	51	0.000116178	3	2274.086	1.65	Larva	UNKN:-:24916016-24915960	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_114856	NINAINNQLQDVQR	AGAP012717-PA	-	119	1.35E-11	1	1639.851	0.15	Male reproductive organs	UNKN:-:24915869-24915828	exon=> In CDS Exon 3 of transcript AGAP012717-PA
JHU_Ag_117228	TQNLSMLSQK	AGAP012717-PA	M6(Oxidation)	53	8.60E-05	2	1165.588	-0.22	Male reproductive organs	UNKN:-:24915402-24915373	exon=> In CDS Exon 4 of transcript AGAP012717-PA
JHU_Ag_3094	GQLFYKPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	41	0.000410905	1	980.556	-0.28	Ovary	UNKN:+:25041555-25041578;2R:+:44672767-44672790;2R:+:44672767-44672790	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_5239	IMIDAEQTYFQPAISR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M2(Oxidation)	78	2.32E-07	2	1898.934	1.19	Male reproductive organs	UNKN:+:25040633-25040680;2R:+:44671818-44671865;2R:+:44671818-44671865	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_5848	RLLLSEITK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	55	4.39E-06	1	1072.672	-0.22	Head	UNKN:+:25041516-25041542;2R:+:44672728-44672754;2R:+:44672728-44672754	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB

JHU_Ag_6731	AAALGYEDPTNPSFEATTEMYHK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M20(Oxidation)	125	2.98E-12	1	2559.135	0.23	Malpighian tubule	UNKN:+:25040962-25041030;2R:+:44672149-44672217;2R:+:44672149-44672217	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_6940	DTYKEVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C7(Carbamidomethyl)	77	2.52E-07	2	1699.788	2.34	Ovary	UNKN:+:25040756-25040770,25040869-25040895;2R:+:44671941-44671955,44672056-44672082;2R:+:44671941-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_8135	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	N8(Deamidated)	98	1.68E-09	1	1880.000	2.58	Visceras	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_8702	AIVFNTYQCYLK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	73	9.29E-07	1	1519.763	1.29	Ovary	UNKN:+:25040720-25040755;2R:+:44671905-44671940;2R:+:44671905-44671940	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_11608	DTYKEVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C7(Carbamidomethyl)	60	1.39E-05	1	1699.786	1.04	Salivary gland	UNKN:+:25040756-25040770,25040869-25040895;2R:+:44671941-44671955,44672056-44672082;2R:+:44671941-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_13443	EVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C3(Carbamidomethyl)	46	0.000282292	2	1192.552	0.27	Visceras	UNKN:+:25040768-25040770,25040869-25040895;2R:+:44671953-44671955,44672056-44672082;2R:+:44671953-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB

JHU_Ag_14391	MQEIGIHPEDK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M1(Oxidation)	78	1.70E-07	2	1312.622	1.61	Malpighian tubule	UNKN:+:25041228-25041260;2R:+:44672414-44672446;2R:+:44672414-44672446	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_16660	QNFYFGAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	46	0.000264898	2	974.472	-1.44	Head	UNKN:+:25040899-25040922;2R:+:44672086-44672109;2R:+:44672086-44672109	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_16666	LLLSEITK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	29	0.001954879	2	916.572	0.13	Ovary	UNKN:+:25041519-25041542;2R:+:44672731-44672754;2R:+:44672731-44672754	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_17289	AIVFNTYQCYLKDTYK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	43	0.00074618	1	2026.998	2.01	Visceras	UNKN:+:25040720-25040767;2R:+:44671905-44671952;2R:+:44671905-44671952	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_19613	IMIDAEQTYFQPAISR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M2(Oxidation)	105	5.15E-10	2	1898.936	2.41	Head	UNKN:+:25040633-25040680;2R:+:44671818-44671865;2R:+:44671818-44671865	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_21314	IMIDAEQTYFQPAISR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M2(Oxidation)	112	1.04E-10	1	1898.934	0.93	Malpighian tubule	UNKN:+:25040633-25040680;2R:+:44671818-44671865;2R:+:44671818-44671865	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_21874	GAYIEQER	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	41	0.0011782	2	965.467	-1.5	Head	UNKN:+:25040932-25040955;2R:+:44672119-44672142;2R:+:44672119-44672142	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_22149	AAALGYEDPTNPSFEATTEMYHK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M20(Oxidation)	70	8.08E-07	1	2559.141	2.67	Male reproductive organs	UNKN:+:25040962-25041030;2R:+:44672149-44672217;2R:+:44672149-44672217	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_22816	AAALGYEDPTNPSFEATTEMYHK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M20(Oxidation)	113	5.18E-11	1	2559.137	0.79	Visceras	UNKN:+:25040962-25041030;2R:+:44672149-44672217;2R:+:44672149-44672217	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB

JHU_Ag_23397	IAIMVASHNEDTVR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M4(Oxidation)	88	2.23E-08	1	1571.785	0.08	Visceras	UNKN:+:25041171-25041212;2R:+:44672357-44672398;2R:+:44672357-44672398	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_25171	LLLSEITKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	29	0.002004648	1	1072.670	-2.19	Salivary gland	UNKN:+:25041519-25041545;2R:+:44672731-44672757;2R:+:44672731-44672757	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_25211	LLLSEITKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	41	0.000108121	1	1072.672	-0.33	Male reproductive organs	UNKN:+:25041519-25041545;2R:+:44672731-44672757;2R:+:44672731-44672757	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_28281	LLLSEITKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	67	2.77E-07	1	1072.674	1.72	Malpighian tubule	UNKN:+:25041519-25041545;2R:+:44672731-44672757;2R:+:44672731-44672757	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_28394	DTYKEVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C7(Carbamidomethyl)	108	2.19E-10	1	1699.788	2.34	Visceras	UNKN:+:25040756-25040770,25040869-25040895;2R:+:44671941-44671955,44672056-44672082;2R:+:44671941-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_29937	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	98	1.38E-09	1	1879.999	2	Head	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_34255	AQENKGVLQK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	69	1.48E-06	1	1114.623	1.6	Malpighian tubule	UNKN:+:25041471-25041500;2R:+:44672683-44672712;2R:+:44672683-44672712	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_34471	AAALGYEDPTNPSFEATTEMYHK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M20(Oxidation)	101	6.85E-10	1	2559.137	1.02	Ovary	UNKN:+:25040962-25041030;2R:+:44672149-44672217;2R:+:44672149-44672217	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB

JHU_Ag_35855	DTYKEVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C7(Carbamidomethyl)	98	2.15E-09	1	1699.791	3.63	Head	UNKN:+:25040756-25040770,25040869-25040895;2R:+:44671941-44671955,44672056-44672082;2R:+:44671941-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_36052	ILKDANIDPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	39	0.000702076	1	1126.647	0.34	Malpighian tubule	UNKN:+:25041138-25041167;2R:+:44672324-44672353;2R:+:44672324-44672353	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_36385	ITLEMMR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M5(Oxidation), M6(Oxidation)	41	0.001292659	1	893.460	2.3	Malpighian tubule	UNKN:+:25040681-25040701;2R:+:44671866-44671886;2R:+:44671866-44671886	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_38727	EVCTDLEQAKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C3(Carbamidomethyl)	79	2.46E-07	1	1348.651	-0.97	Visceras	UNKN:+:25040768-25040770,25040869-25040898;2R:+:44671953-44671955,44672056-44672085;2R:+:44671953-44671955,44672056-44672085	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_42157	IAIMVASHNEDTVRFAIEK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M4(Oxidation)	49	0.000172787	1	2160.119	3.21	Malpighian tubule	UNKN:+:25041171-25041227;2R:+:44672357-44672413;2R:+:44672357-44672413	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_42207	AAALGYEDPTNPSFEATTEMYHK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M20(Oxidation)	65	2.72E-06	1	2559.136	0.45	Pupa	UNKN:+:25040962-25041030;2R:+:44672149-44672217;2R:+:44672149-44672217	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_42480	RLLLSEITK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	29	0.001431891	1	1072.674	1.04	Visceras	UNKN:+:25041516-25041542;2R:+:44672728-44672754;2R:+:44672728-44672754	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB

JHU_Ag_42489	AIVFNTYQCYLK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	41	0.001588163	1	1519.759	-1.76	Salivary gland	UNKN:+:25040720-25040755;2R:+:44671905-44671940;2R:+:44671905-44671940	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_45710	GQLFYKPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	37	0.000896613	2	980.556	-0.59	Pupa	UNKN:+:25041555-25041578;2R:+:44672767-44672790;2R:+:44672767-44672790	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_47557	EVCTDLEQAKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C3(Carbamidomethyl)	50	0.000195829	2	1348.654	1.38	Ovary	UNKN:+:25040768-25040770,25040869-25040898;2R:+:44671953-44671955,44672056-44672085;2R:+:44671953-44671955,44672056-44672085	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_48006	EVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C3(Carbamidomethyl)	54	5.32E-05	2	1192.553	1.5	Malpighian tubule	UNKN:+:25040768-25040770,25040869-25040895;2R:+:44671953-44671955,44672056-44672082;2R:+:44671953-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_48583	ITLEMMR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M5(Oxidation), M6(Oxidation)	41	0.000796166	1	925.448	-0.05	Head	UNKN:+:25040681-25040701;2R:+:44671866-44671886;2R:+:44671866-44671886	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_49732	IMIDAEQTYFQPAISR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M2(Oxidation)	85	4.23E-08	2	1898.939	3.69	Salivary gland	UNKN:+:25040633-25040680;2R:+:44671818-44671865;2R:+:44671818-44671865	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_54026	GAYIEQER	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	54	5.18E-05	1	965.470	1.03	Malpighian tubule	UNKN:+:25040932-25040955;2R:+:44672119-44672142;2R:+:44672119-44672142	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB

JHU_Ag_54507	DTYKEVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C7(Carbamidomethyl)	97	2.53E-09	1	1699.788	2.05	Malpighian tubule	UNKN:+:25040756-25040770,25040869-25040895;2R:+:44671941-44671955,44672056-44672082;2R:+:44671941-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_58645	AIVFNTYQCYLKDTYK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	63	8.03E-06	1	2027.005	5.08	Malpighian tubule	UNKN:+:25040720-25040767;2R:+:44671905-44671952;2R:+:44671905-44671952	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_62415	YIPYGPVNEVLPYLSRR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	36	0.001513125	1	2036.108	5.62	Malpighian tubule	UNKN:+:25041420-25041470;2R:+:44672632-44672682;2R:+:44672632-44672682	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_67334	AIVFNTYQCYLK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	83	8.95E-08	1	1519.762	0.32	Head	UNKN:+:25040720-25040755;2R:+:44671905-44671940;2R:+:44671905-44671940	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_67619	AAALGYEDPTNPSFEATTEMYHK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M20(Oxidation)	109	1.07E-10	1	2559.139	1.81	Head	UNKN:+:25040962-25041030;2R:+:44672149-44672217;2R:+:44672149-44672217	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_67861	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	49	0.000101508	1	1880.004	4.86	Male reproductive organs	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_68643	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	96	2.39E-09	1	1880.000	2.26	Pupa	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_70948	KIAIMVASHNEDTVR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	63	5.43E-06	1	1683.884	-0.66	Visceras	UNKN:+:25041168-25041212;2R:+:44672354-44672398;2R:+:44672354-44672398	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB

JHU_Ag_73246	AIVFNTYQCYLKDTYK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	40	0.001517 63	1	2026.995	0.38	Ovary	UNKN:+:25040720-25040767;2R:+:44671905-44671952;2R:+:44671905-44671952	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_73817	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	94	3.81E-09	1	1879.999	1.87	Salivary gland	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_75128	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	76	2.28E-07	1	1879.995	-0.08	Ovary	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_77458	AAALGYEDPTNPSFEATTEMYHK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M20(Oxidation)	94	3.53E-09	1	2559.138	1.45	Salivary gland	UNKN:+:25040962-25041030;2R:+:44672149-44672217;2R:+:44672149-44672217	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_77741	LLLSEITKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	66	4.30E-07	1	1072.670	-2.27	Head	UNKN:+:25041519-25041545;2R:+:44672731-44672757;2R:+:44672731-44672757	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_78846	IAIMVASHNEDTVR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M4(Oxidation)	116	3.70E-11	1	1571.786	1.13	Malpighian tubule	UNKN:+:25041171-25041212;2R:+:44672357-44672398;2R:+:44672357-44672398	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_79445	QNFYFGAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	45	0.000344 593	2	974.475	1.75	Malpighian tubule	UNKN:+:25040899-25040922;2R:+:44672086-44672109;2R:+:44672086-44672109	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_80456	IMIDAEQTYFQPAISR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M2(Oxidation)	106	3.98E-10	2	1898.934	1.31	Visceras	UNKN:+:25040633-25040680;2R:+:44671818-44671865;2R:+:44671818-44671865	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_81358	AIVFNTYQCYLK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	96	4.85E-09	1	1519.765	2.17	Visceras	UNKN:+:25040720-25040755;2R:+:44671905-44671940;2R:+:44671905-44671940	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB

JHU_Ag_82625	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	94	3.73E-09	1	1880.001	2.78	Malpighian tubule	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_83702	MQEIGIHPEDK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M1(Oxidation),Q2(Deamidated)	77	2.87E-07	1	1296.628	1.95	Head	UNKN:+:25041228-25041260;2R:+:44672414-44672446;2R:+:44672414-44672446	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_84492	LLLSEITK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	46	3.26E-05	1	916.573	2.06	Malpighian tubule	UNKN:+:25041519-25041542;2R:+:44672731-44672754;2R:+:44672731-44672754	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_90629	IMIDAEQTYFQPAISR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M2(Oxidation)	84	6.82E-08	2	1898.923	-4.41	Ovary	UNKN:+:25040633-25040680;2R:+:44671818-44671865;2R:+:44671818-44671865	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_92126	MQEIGIHPEDK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M1(Oxidation)	63	6.82E-06	1	1296.627	1.38	Visceras	UNKN:+:25041228-25041260;2R:+:44672414-44672446;2R:+:44672414-44672446	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_95617	YIPYGPVNEVLPYLSR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	59	1.27E-05	1	1879.995	0.05	Midgut	UNKN:+:25041420-25041467;2R:+:44672632-44672679;2R:+:44672632-44672679	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_96403	LVRGAYIEQER	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	41	0.000873695	1	1333.723	0.65	Malpighian tubule	UNKN:+:25040923-25040955;2R:+:44672110-44672142;2R:+:44672110-44672142	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_97092	GQLFYKPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	42	0.00047699	1	980.555	-1.46	Malpighian tubule	UNKN:+:25041555-25041578;2R:+:44672767-44672790;2R:+:44672767-44672790	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_97450	KIAIMVASHNEDTVR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M5(Oxidation)	119	1.50E-11	1	1683.887	1.41	Malpighian tubule	UNKN:+:25041168-25041212;2R:+:44672354-44672398;2R:+:44672354-44672398	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB

JHU_Ag_97608	EVCTDLEQAKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C3(Carbamidomethyl)	78	2.67E-07	1	1348.656	2.83	Head	UNKN:+:25040768-25040770,25040869-25040898;2R:+:44671953-44671955,44672056-44672085;2R:+:44671953-44671955,44672056-44672085	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_98888	RQNFYFGAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	42	0.000995439	1	1130.575	0.61	Malpighian tubule	UNKN:+:25040896-25040922;2R:+:44672083-44672109;2R:+:44672083-44672109	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_98990	AIVFNTYQCYLKDTYK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	100	1.72E-09	1	2027.003	4.15	Head	UNKN:+:25040720-25040767;2R:+:44671905-44671952;2R:+:44671905-44671952	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_101363	AIVFNTYQCYLK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C9(Carbamidomethyl)	87	3.76E-08	1	1519.767	3.46	Malpighian tubule	UNKN:+:25040720-25040755;2R:+:44671905-44671940;2R:+:44671905-44671940	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_101477	LAKGQLFYKPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	51	1.31E-05	1	1292.773	-0.01	Malpighian tubule	UNKN:+:25041546-25041578;2R:+:44672758-44672790;2R:+:44672758-44672790	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_102314	ILKDANIDPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	34	0.002295513	2	1126.648	0.71	Head	UNKN:+:25041138-25041167;2R:+:44672324-44672353;2R:+:44672324-44672353	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_103063	EVCTDLEQAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C3(Carbamidomethyl)	55	3.52E-05	2	1192.554	1.8	Head	UNKN:+:25040768-25040770,25040869-25040895;2R:+:44671953-44671955,44672056-44672082;2R:+:44671953-44671955,44672056-44672082	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB

JHU_Ag_103334	RLLLSEITK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	47	2.65E-05	1	1072.675	1.95	Malpighian tubule	UNKN:+:25041516-25041542;2R:+:44672728-44672754;2R:+:44672728-44672754	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_105040	ITLEMMR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	37	0.002634622	2	893.458	-0.5	Visceras	UNKN:+:25040681-25040701;2R:+:44671866-44671886;2R:+:44671866-44671886	exon=> In CDS Exon 1 of transcript AGAP012718-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PA;exon=> In CDS Exon 8 of transcript AGAP003860-PB
JHU_Ag_106613	LLLSEITK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	40	0.00013029	2	916.574	2.79	Head	UNKN:+:25041519-25041542;2R:+:44672731-44672754;2R:+:44672731-44672754	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_108486	EVCTDLEQAKR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C3(Carbamidomethyl)	79	2.55E-07	1	1348.655	1.74	Malpighian tubule	UNKN:+:25040768-25040770,25040869-25040898;2R:+:44671953-44671955,44672056-44672085;2R:+:44671953-44671955,44672056-44672085	exon=> In CDS Exon 1 and 2 of transcript AGAP012718-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PA;exon=> In CDS Exon 8 and 9 of transcript AGAP003860-PB
JHU_Ag_111683	GQLFYKPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	41	0.000415533	1	980.558	1.59	Head	UNKN:+:25041555-25041578;2R:+:44672767-44672790;2R:+:44672767-44672790	exon=> In CDS Exon 4 of transcript AGAP012718-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PA;exon=> In CDS Exon 11 of transcript AGAP003860-PB
JHU_Ag_112651	RQNFYFGAK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	48	0.000270716	1	1130.570	-3.5	Head	UNKN:+:25040896-25040922;2R:+:44672083-44672109;2R:+:44672083-44672109	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB
JHU_Ag_114137	DANIDPK	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	-	52	4.57E-05	1	772.386	2.46	Head	UNKN:+:25041147-25041167;2R:+:44672333-44672353;2R:+:44672333-44672353	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_116669	AAALGYEDPTNPSFEATTEMYHKTLTECLR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	C28(Carbamidomethyl),"M20(Oxidation),C28(Carbamidomethyl)"	134	5.11E-13	1	3416.594	4.74	Malpighian tubule	UNKN:+:25040962-25041051;2R:+:44672149-44672238;2R:+:44672149-44672238	exon=> In CDS Exon 2 of transcript AGAP012718-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PA;exon=> In CDS Exon 9 of transcript AGAP003860-PB

JHU_Ag_117401	IAIMVASHNEDTVR	AGAP012718-PA,AGAP003860-PA,AGAP003860-PB	M4(Oxidation)	121	1.16E-11	1	1571.785	0.32	Head	UNKN:+:25041171-25041212;2R:+:44672357-44672398;2R:+:44672357-44672398	exon=> In CDS Exon 3 of transcript AGAP012718-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PA;exon=> In CDS Exon 10 of transcript AGAP003860-PB
JHU_Ag_51187	MVLPYNNLSVPAGSGFESK	AGAP012726-PA,AGAP003120-PA	M1(Oxidation)	57	2.79E-05	1	2026.000	2.5	Male reproductive organs	UNKN:-:25549229-25549173;2R:-:32897919-32897863	exon=> In CDS Exon 2 of transcript AGAP012726-PA;exon=> In CDS Exon 5 of transcript AGAP003120-PA
JHU_Ag_115351	YQPPNLPMDSDTVQK	AGAP012726-PA,AGAP003120-PA	M8(Oxidation)	44	0.000619	2	1748.814	-1.23	Male reproductive organs	UNKN:-:25547911-25547867;2R:-:32896602-32896558	exon=> In CDS Exon 4 of transcript AGAP012726-PA;exon=> In CDS Exon 7 of transcript AGAP003120-PA
JHU_Ag_41481	STEVLLEFEGK	AGAP012732-PA,AGAP001789-PA	N-Term(Acetyl)	65	4.21E-06	2	1293.660	1.84	Ovary	UNKN:+:25845313-25845345;2R:+:10483639-10483671	exon=> In CDS Exon 1 of transcript AGAP012732-PA;exon=> In CDS Exon 1 of transcript AGAP001789-PA
JHU_Ag_67563	VLLPQITETVIDILAEAPGAEDR	AGAP012732-PA,AGAP001789-PA	-	33	0.002458	3	2463.335	0.11	Ovary	UNKN:+:25846656-25846724;2R:+:10484982-10485050	exon=> In CDS Exon 3 of transcript AGAP012732-PA;exon=> In CDS Exon 3 of transcript AGAP001789-PA
JHU_Ag_74907	VPAFVPAVVSYR	AGAP012732-PA,AGAP001789-PA	-	60	8.52E-06	1	1304.738	1.08	Ovary	UNKN:+:25845784-25845819;2R:+:10484110-10484145	exon=> In CDS Exon 2 of transcript AGAP012732-PA;exon=> In CDS Exon 2 of transcript AGAP001789-PA
JHU_Ag_24256	GLVAECDSPQNLLANR	AGAP012735-PA,AGAP008437-PA	C6(Carbamidomethyl)	57	2.55E-05	2	1756.868	1.63	Male reproductive organs	UNKN:-:26034629-26034582;3R:+:10744551-10744598	exon=> In CDS Exon 2 of transcript AGAP012735-PA;exon=> In CDS Exon 11 of transcript AGAP008437-PA
JHU_Ag_38720	TEFADCTILTIAHR	AGAP012735-PA,AGAP008437-PA	C6(Carbamidomethyl)	88	2.74E-08	1	1647.816	-0.01	Midgut	UNKN:-:26034716-26034675;3R:+:10744464-10744505	exon=> In CDS Exon 2 of transcript AGAP012735-PA;exon=> In CDS Exon 11 of transcript AGAP008437-PA
JHU_Ag_14805	FRGEVYHGYHFNCTSCGAELDSSAR	AGAP012744-PA,AGAP003429-PA,AGAP003429-PC	C13(Carbamidomethyl), C16(Carbamidomethyl)	34	0.002885	1	2920.264	3.98	Male reproductive organs	UNKN:-:26380417-26380343;2R:-:37679799-37679725;2R:-:37679799-37679725	exon=> In CDS Exon 4 of transcript AGAP012744-PA;exon=> In CDS Exon 4 of transcript AGAP003429-PA;exon=> In CDS Exon 3 of transcript AGAP003429-PC
JHU_Ag_21152	QFQDGIFYEFEGR	AGAP012744-PA,AGAP003429-PA,AGAP003429-PC	-	38	0.001916	2	1635.747	1.69	Head	UNKN:-:26380824-26380786;2R:-:37680204-37680166;2R:-:37680204-37680166	exon=> In CDS Exon 2 of transcript AGAP012744-PA;exon=> In CDS Exon 3 of transcript AGAP003429-PA;exon=> In CDS Exon 2 of transcript AGAP003429-PC

JHU_Ag_35956	IVNSNGQLWHTQCFVCAQCFR	AGAP012744-PA,AGAP003429-PA,AGAP003429-PC	C13(Carbamidomethyl), C16(Carbamidomethyl), C19(Carbamidomethyl)	77	2.60E-07	1	2625.184	-2.55	Male reproductive organs	UNKN:-:26380990-26381083,26380612-26380825;2R:-:37680370-37680446,37679918-37680205;2R:-:37680370-37680430,37679918-37680205	exon=> In CDS Exon 2 and 1 of transcript AGAP012744-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003429-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003429-PC
JHU_Ag_49663	SGYAANDMNELYCLR	AGAP012744-PA,AGAP003429-PA,AGAP003429-PC	M8(Oxidation), C13(Carbamidomethyl)	47	0.00010666	2	1792.764	0.42	Male reproductive organs	UNKN:-:26380327-26380283;2R:-:37679709-37679665;2R:-:37679709-37679665	exon=> In CDS Exon 4 of transcript AGAP012744-PA;exon=> In CDS Exon 4 of transcript AGAP003429-PA;exon=> In CDS Exon 3 of transcript AGAP003429-PC
JHU_Ag_79135	CHGIIDDAPLR	AGAP012744-PA,AGAP003429-PA,AGAP003429-PC	C1(Carbamidomethyl)	51	0.000115851	1	1266.625	-0.94	Head	UNKN:-:26380540-26380606,26380187-26380418;2R:-:37679922-37680223,37679569-37679800;2R:-:37679922-37680223,37679569-37679800	exon=> In CDS Exon 4 and 3 of transcript AGAP012744-PA;exon=> In CDS Exon 4 and 3 of transcript AGAP003429-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003429-PC
JHU_Ag_40000	GADELLVYDRPAPLYPQSNFVAVPVK	AGAP012746-PA,AGAP003514-PA	-	36	0.001136195	1	2858.529	7.19	Larva	UNKN:+:26613099-26613176;2R:+:39063180-39063257	exon=> In CDS Exon 2 of transcript AGAP012746-PA;exon=> In CDS Exon 3 of transcript AGAP003514-PA
JHU_Ag_60384	GADELLVYDRPAPLYPQSNFVAVPVK	AGAP012746-PA,AGAP003514-PA	-	64	1.98E-06	1	2858.528	6.68	Head	UNKN:+:26613099-26613176;2R:+:39063180-39063257	exon=> In CDS Exon 2 of transcript AGAP012746-PA;exon=> In CDS Exon 3 of transcript AGAP003514-PA
JHU_Ag_69230	AGSCVLIHSQAVHR	AGAP012746-PA,AGAP003514-PA	C4(Carbamidomethyl)	66	4.53E-06	2	1534.792	0.51	Head	UNKN:+:26613177-26613218;2R:+:39063258-39063299	exon=> In CDS Exon 2 of transcript AGAP012746-PA;exon=> In CDS Exon 3 of transcript AGAP003514-PA
JHU_Ag_116467	EDGFAVIDDFLTPDEVQELLQVGQNLHK	AGAP012746-PA,AGAP003514-PA	-	96	3.20E-09	1	3169.579	3.08	Ovary	UNKN:+:26611796-26611879;2R:+:39061731-39061814	exon=> In CDS Exon 1 of transcript AGAP012746-PA;exon=> In CDS Exon 2 of transcript AGAP003514-PA
JHU_Ag_5124	TVFYTADPVNGFNAVVQR	AGAP012750-PA,AGAP003378-PA,AGAP003378-PB	-	75	3.88E-07	2	1998.013	2.24	Malpighian tubule	UNKN:-:27000842-27000789;2R:-:37171300-37171247;2R:-:37171300-37171247	exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB

JHU_Ag_49782	AVVPVAAGPAILAPAPVAR	AGAP012750-PA,AGAP003378-PA,AGAP003378-PB	-	64	2.85E-07	1	1740.063	5.74	Head	UNKN:-:27000770-27000714;2R:-:37171228-37171172;2R:-:37171228-37171172	exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_64394	TVFYTADPVNGFNAVVQR	AGAP012750-PA,AGAP003378-PA,AGAP003378-PB	-	112	1.02E-10	1	1998.011	1.26	Head	UNKN:-:27000842-27000789;2R:-:37171300-37171247;2R:-:37171300-37171247	exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_74090	TVFYTADPVNGFNAVVQR	AGAP012750-PA,AGAP003378-PA,AGAP003378-PB	-	92	9.36E-09	1	1998.002	-3.02	Midgut	UNKN:-:27000842-27000789;2R:-:37171300-37171247;2R:-:37171300-37171247	exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_76928	AVVPVAAGPAILAPAPVAR	AGAP012750-PA,AGAP003378-PA,AGAP003378-PB	-	110	6.73E-12	1	1740.058	2.79	Malpighian tubule	UNKN:-:27000770-27000714;2R:-:37171228-37171172;2R:-:37171228-37171172	exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_112610	AVVPVAAGPAILAPAPVAR	AGAP012750-PA,AGAP003378-PA,AGAP003378-PB	-	36	0.000172549	1	1740.053	-0.08	Salivary gland	UNKN:-:27000770-27000714;2R:-:37171228-37171172;2R:-:37171228-37171172	exon=> In CDS Exon 2 of transcript AGAP012750-PA;exon=> In CDS Exon 3 of transcript AGAP003378-PA;exon=> In CDS Exon 2 of transcript AGAP003378-PB
JHU_Ag_27819	ALYLLNWIYR	AGAP012756-PA	-	71	6.18E-07	2	1324.740	-0.64	Midgut	UNKN:+:27341939-27341968	exon=> In CDS Exon 1 of transcript AGAP012756-PA
JHU_Ag_52821	TGEAESITSHYLFALGSYR	AGAP012756-PA	-	99	1.90E-09	1	2102.017	-0.99	Midgut	UNKN:+:27341882-27341938	exon=> In CDS Exon 1 of transcript AGAP012756-PA
JHU_Ag_57157	TGEAESITSHYLFALGSYR	AGAP012756-PA	-	81	1.17E-07	1	2102.020	0.31	Salivary gland	UNKN:+:27341882-27341938	exon=> In CDS Exon 1 of transcript AGAP012756-PA
JHU_Ag_75974	TGEAESITSHYLFALGSYR	AGAP012756-PA	-	78	2.73E-07	1	2102.021	0.75	Ovary	UNKN:+:27341882-27341938	exon=> In CDS Exon 1 of transcript AGAP012756-PA
JHU_Ag_83965	TGEAESITSHYLFALGSYR	AGAP012756-PA	-	135	5.47E-13	1	2102.034	7.11	Larva	UNKN:+:27341882-27341938	exon=> In CDS Exon 1 of transcript AGAP012756-PA
JHU_Ag_91013	MMSYYATNPAVLNDLFDYVVYAK	AGAP012757-PA	M1(Oxidation), M2(Oxidation), N8(Deamidated),"M1(Oxidation), M2(Oxidation)"	124	5.32E-12	1	2721.255	3.15	Midgut	UNKN:+:27436009-27436077	exon=> In CDS Exon 5 of transcript AGAP012757-PA
JHU_Ag_93655	MIQNVIGFDTFRQSLNDYLR	AGAP012757-PA	M1(Oxidation)	65	4.23E-06	1	2446.228	3.7	Malpighian tubule	UNKN:+:27436096-27436155	exon=> In CDS Exon 5 of transcript AGAP012757-PA
JHU_Ag_115526	MIQNVIGFDTFR	AGAP012757-PA	M1(Oxidation)	94	6.68E-09	2	1456.724	-0.84	Midgut	UNKN:+:27436096-27436131	exon=> In CDS Exon 5 of transcript AGAP012757-PA

JHU_Ag_836	EQYLIYEEGVTTAR	AGAP012757-PA,AGAP003692-PA	-	80	1.32E-07	2	1671.817	-3.54	Midgut	UNKN:+:27435673-27435714;2R:-:42051283-42051242	exon=> In CDS Exon 4 of transcript AGAP012757-PA;exon=> In CDS Exon 4 of transcript AGAP003692-PA
JHU_Ag_1642	TLENFFGR	AGAP012757-PA,AGAP003692-PA	-	64	3.72E-06	2	983.495	0.19	Midgut	UNKN:+:27435562-27435585;2R:-:42051394-42051371	exon=> In CDS Exon 4 of transcript AGAP012757-PA;exon=> In CDS Exon 4 of transcript AGAP003692-PA
JHU_Ag_3348	IAISFLNNIGTELK	AGAP012757-PA,AGAP003692-PA	N7(Deamidated),N8(Deamidated)	126	1.31E-12	1	1532.865	-2.08	Midgut	UNKN:+:27434742-27434783;2R:-:42052218-42052177	exon=> In CDS Exon 1 of transcript AGAP012757-PA;exon=> In CDS Exon 1 of transcript AGAP003692-PA
JHU_Ag_37030	DAHDDSR	AGAP012757-PA,AGAP003692-PA	-	29	0.001811721	1	815.328	-0.36	Midgut	UNKN:+:27434433-27434453;2R:-:42052527-42052507	exon=> In CDS Exon 1 of transcript AGAP012757-PA;exon=> In CDS Exon 1 of transcript AGAP003692-PA
JHU_Ag_42388	YTGDQNHFYLNSDGLVIATESIK	AGAP012757-PA,AGAP003692-PA	-	81	1.16E-07	1	2585.269	6.65	Midgut	UNKN:+:27434559-27434627;2R:-:42052401-42052333	exon=> In CDS Exon 1 of transcript AGAP012757-PA;exon=> In CDS Exon 1 of transcript AGAP003692-PA
JHU_Ag_43529	TLSHESDRFR	AGAP012757-PA,AGAP003692-PA	-	39	0.002439287	1	1247.612	-0.83	Midgut	UNKN:+:27435384-27435413;2R:-:42051576-42051547	exon=> In CDS Exon 3 of transcript AGAP012757-PA;exon=> In CDS Exon 3 of transcript AGAP003692-PA
JHU_Ag_46972	VAHTGYALEFLGNSLR	AGAP012757-PA,AGAP003692-PA	-	89	1.84E-08	2	1747.907	-3.36	Malpighian tubule	UNKN:+:27435514-27435561;2R:-:42051442-42051395	exon=> In CDS Exon 4 of transcript AGAP012757-PA;exon=> In CDS Exon 4 of transcript AGAP003692-PA
JHU_Ag_61372	VDLIAIPDFAMGAMENWGLITFR	AGAP012757-PA,AGAP003692-PA	M11(Oxidation), M14(Oxidation)	84	5.79E-08	2	2612.290	0.36	Midgut	UNKN:+:27435604-27435672;2R:-:42051352-42051284	exon=> In CDS Exon 4 of transcript AGAP012757-PA;exon=> In CDS Exon 4 of transcript AGAP003692-PA
JHU_Ag_61867	LIEVLNSEQFEDQLPVINR	AGAP012757-PA,AGAP003692-PA	-	116	2.15E-11	1	2256.187	-0.04	Midgut	UNKN:+:27436579-27436635;2R:-:42050376-42050320	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_72256	SVFPCYDEPSYK	AGAP012757-PA,AGAP003692-PA	C5(Carbamidomethyl)	55	2.20E-05	2	1491.646	-0.36	Midgut	UNKN:+:27435115-27435150;2R:-:42051845-42051810	exon=> In CDS Exon 2 of transcript AGAP012757-PA;exon=> In CDS Exon 2 of transcript AGAP003692-PA
JHU_Ag_85157	VAHTGYALEFLGNSLR	AGAP012757-PA,AGAP003692-PA	N13(Deamidated)	130	1.32E-12	1	1747.917	2.23	Midgut	UNKN:+:27435514-27435561;2R:-:42051442-42051395	exon=> In CDS Exon 4 of transcript AGAP012757-PA;exon=> In CDS Exon 4 of transcript AGAP003692-PA
JHU_Ag_93146	QSLNDYLR	AGAP012757-PA,AGAP003692-PA	-	54	6.39E-05	2	1008.507	-3.51	Midgut	UNKN:+:27436132-27436155;2R:-:42050823-42050800	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_97820	VTGPDGTDVPVANVIYMEEFEQIYFGFR	AGAP012757-PA,AGAP003692-PA	M17(Oxidation)	66	3.37E-06	1	3209.512	-0.6	Midgut	UNKN:+:27434628-27434711;2R:-:42052332-42052249	exon=> In CDS Exon 1 of transcript AGAP012757-PA;exon=> In CDS Exon 1 of transcript AGAP003692-PA
JHU_Ag_106205	DAHDDSRYLLPK	AGAP012757-PA,AGAP003692-PA	-	33	0.006713535	1	1429.707	0.06	Midgut	UNKN:+:27434433-27434468;2R:-:42052527-42052492	exon=> In CDS Exon 1 of transcript AGAP012757-PA;exon=> In CDS Exon 1 of transcript AGAP003692-PA

JHU_Ag_113529	YLATTHFESTYAR	AGAP012757-PA,AGAP003692-PA	-	92	9.50E-09	1	1559.748	-0.37	Midgut	UNKN:+:27435076-27435114;2R:-:42051884-42051846	exon=> In CDS Exon 2 of transcript AGAP012757-PA;exon=> In CDS Exon 2 of transcript AGAP003692-PA
JHU_Ag_115275	YLLPK	AGAP012757-PA,AGAP003692-PA	-	28	0.003794995	1	633.397	-0.2	Midgut	UNKN:+:27434454-27434468;2R:-:42052506-42052492	exon=> In CDS Exon 1 of transcript AGAP012757-PA;exon=> In CDS Exon 1 of transcript AGAP003692-PA
JHU_Ag_20039	AQLVDDVANLAR	AGAP012757-PA,AGAP003695-PA,AGAP003692-PA	-	98	1.83E-09	1	1284.688	-2.18	Midgut	UNKN:+:27436636-27436671;2R:-:42054169-42054134;2R:-:42050319-42050284	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_23330	SYLTTRPQYLYTSIEK	AGAP012757-PA,AGAP003695-PA,AGAP003692-PA	-	43	0.000654458	1	1963.026	4.37	Malpighian tubule	UNKN:+:27436162-27436209;2R:-:42054643-42054596;2R:-:42050793-42050746	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_31940	AGEVGYDVALSLMQYLER	AGAP012757-PA,AGAP003695-PA,AGAP003692-PA	M13(Oxidation)	153	7.82E-15	1	2013.998	1.37	Midgut	UNKN:+:27436672-27436725;2R:-:42054133-42054080;2R:-:42050283-42050230	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_35024	SYLTTRPQYLYTSIEK	AGAP012757-PA,AGAP003695-PA,AGAP003692-PA	-	77	2.65E-07	1	1963.016	-0.48	Midgut	UNKN:+:27436162-27436209;2R:-:42054643-42054596;2R:-:42050793-42050746	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_71284	AQLVDDVANLAR	AGAP012757-PA,AGAP003695-PA,AGAP003692-PA	-	69	1.25E-06	2	1284.692	1.24	Ovary	UNKN:+:27436636-27436671;2R:-:42054169-42054134;2R:-:42050319-42050284	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_100775	VNYDDESWHK	AGAP012757-PA,AGAP003695-PA,AGAP003692-PA	-	72	3.56E-07	1	1292.554	-0.47	Midgut	UNKN:+:27436549-27436578;2R:-:42054256-42054227;2R:-:42050406-42050377	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_117531	AQLVDDVANLAR	AGAP012757-PA,AGAP003695-PA,AGAP003692-PA	-	98	1.59E-09	1	1284.697	5.23	Malpighian tubule	UNKN:+:27436636-27436671;2R:-:42054169-42054134;2R:-:42050319-42050284	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA

JHU_Ag_40218	QQTGYYR	AGAP012757-PA,AGAP012984-PA,AGAP013155-PA,AGAP002508-PA,AGAP003695-PA,AGAP003692-PA	-	33	0.003224245	2	915.432	-0.24	Midgut	UNKN:+:27436528-27436548;2R:+:11828665-11828685;2R:+:11832065-11832085;2R:-:22125005-22124985;2R:-:42054277-42054257;2R:-:42050427-42050407	exon=> In CDS Exon 5 of transcript AGAP012757-PA;exon=> In CDS Exon 2 of transcript AGAP012984-PA;exon=> In CDS Exon 2 of transcript AGAP013155-PA;exon=> In CDS Exon 4 of transcript AGAP002508-PA;exon=> In CDS Exon 5 of transcript AGAP003695-PA;exon=> In CDS Exon 5 of transcript AGAP003692-PA
JHU_Ag_111650	QLILK	AGAP012761-PA,AGAP004156-PA	Q1(Deamidated)	34	0.001493801	1	615.407	-0.63	Midgut	UNKN:+:27680317-27680331;2R:+:50940627-50940641	exon=> In CDS Exon 1 of transcript AGAP012761-PA;exon=> In CDS Exon 2 of transcript AGAP004156-PA
JHU_Ag_7954	LFGIQGFCK	AGAP012770-PA,AGAP011150-PA	C8(Carbamidomethyl)	47	0.000218776	2	1069.549	-0.45	Male reproductive organs	UNKN:-:27997714-27997688;3L:-:17985549-17985523	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA
JHU_Ag_9256	LFGIQGFCK	AGAP012770-PA,AGAP011150-PA	C8(Carbamidomethyl)	48	0.000152798	1	1069.554	3.43	Malpighian tubule	UNKN:-:27997714-27997688;3L:-:17985549-17985523	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA
JHU_Ag_24838	HGLETVNPMNEK	AGAP012770-PA,AGAP011150-PA	M9(Oxidation)	76	3.71E-07	1	1384.647	-3.95	Head	UNKN:-:27997469-27997434;3L:-:17985304-17985269	exon=> In CDS Exon 3 of transcript AGAP012770-PA;exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_26127	NLFEGLSMTR	AGAP012770-PA,AGAP011150-PA	M8(Oxidation)	59	1.47E-05	1	1183.577	-0.48	Ovary	UNKN:-:27997526-27997497;3L:-:17985361-17985332	exon=> In CDS Exon 3 of transcript AGAP012770-PA;exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_33214	HGLETVNPMNEK	AGAP012770-PA,AGAP011150-PA	M9(Oxidation)	50	0.000132654	1	1384.652	-0.33	Ovary	UNKN:-:27997469-27997434;3L:-:17985304-17985269	exon=> In CDS Exon 3 of transcript AGAP012770-PA;exon=> In CDS Exon 3 of transcript AGAP011150-PA
JHU_Ag_86928	RALAESENIR	AGAP012770-PA,AGAP011150-PA	-	47	0.000302612	1	1158.622	-0.54	Visceras	UNKN:-:27997777-27997748;3L:-:17985612-17985583	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA
JHU_Ag_87027	DLLEVADILGHATEAVPK	AGAP012770-PA,AGAP011150-PA	-	106	2.85E-10	1	1891.013	-2.18	Ovary	UNKN:-:27997687-27997634;3L:-:17985522-17985469	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA

JHU_Ag_102539	DEISDK	AGAP012770-PA,AGAP011150-PA	-	36	0.003540711	1	706.331	8.59	Midgut	UNKN:-:27997633-27997789,27997305-27997542;3L:-:17985468-17985624,17985125-17985377	exon=> In CDS Exon 3 and 2 of transcript AGAP012770-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP011150-PA
JHU_Ag_103806	DLLEVADILGHATEAVPK	AGAP012770-PA,AGAP011150-PA	-	77	2.10E-07	2	1891.020	1.44	Midgut	UNKN:-:27997687-27997634;3L:-:17985522-17985469	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA
JHU_Ag_104126	ALAESENIRR	AGAP012770-PA,AGAP011150-PA	-	38	0.002348788	1	1158.623	-0.01	Malpighian tubule	UNKN:-:27997774-27997745;3L:-:17985609-17985580	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA
JHU_Ag_110883	DLLEVADILGHATEAVPK	AGAP012770-PA,AGAP011150-PA	-	74	4.25E-07	1	1891.016	-0.73	Head	UNKN:-:27997687-27997634;3L:-:17985522-17985469	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA
JHU_Ag_115564	LFGIQGFCK	AGAP012770-PA,AGAP011150-PA	C8(Carbamidomethyl)	47	0.000193858	2	1069.551	0.81	Ovary	UNKN:-:27997714-27997688;3L:-:17985549-17985523	exon=> In CDS Exon 2 of transcript AGAP012770-PA;exon=> In CDS Exon 2 of transcript AGAP011150-PA
JHU_Ag_95671	LVCGPYHELDYDQSIEQAK	AGAP012773-PA	C3(Carbamidomethyl)	73	6.89E-07	1	2265.062	5.55	Malpighian tubule	UNKN:+:28106104-28106160	exon=> In CDS Exon 3 of transcript AGAP012773-PA
JHU_Ag_38017	APAISLDFNAPVK	AGAP012792-PA,AGAP004138-PA	-	89	1.19E-08	1	1342.735	-1.26	Ovary	UNKN:+:29366346-29366384;2R:-:50676523-50676485	exon=> In CDS Exon 3 of transcript AGAP012792-PA;exon=> In CDS Exon 2 of transcript AGAP004138-PA
JHU_Ag_57512	TGHVQIVDLANTEK	AGAP012792-PA,AGAP004138-PA	-	74	4.57E-07	1	1524.803	0.77	Ovary	UNKN:+:29366562-29366603;2R:-:50676307-50676266	exon=> In CDS Exon 3 of transcript AGAP012792-PA;exon=> In CDS Exon 2 of transcript AGAP004138-PA
JHU_Ag_71889	VYAFTQTPTQLHVFETSK	AGAP012792-PA,AGAP004138-PA	-	98	2.00E-09	1	2097.066	0.25	Ovary	UNKN:+:29366439-29366492;2R:-:50676430-50676377	exon=> In CDS Exon 3 of transcript AGAP012792-PA;exon=> In CDS Exon 2 of transcript AGAP004138-PA
JHU_Ag_31553	VVEYTADPVNGFNAVVHR	AGAP012795-PA,AGAP003384-PA,AGAP003385-PA,AGAP003379-PA	-	106	3.38E-10	1	1987.001	-1.01	Head	UNKN:-:29528061-29528008;2R:+:37195315-37195368;2R:+:37199022-37199075;2R:+:37176531-37176584	exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003384-PA;exon=> In CDS Exon 3 of transcript AGAP003385-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA
JHU_Ag_21269	IAAPLAYPAVAK	AGAP012795-PA,AGAP003385-PA,AGAP003379-PA	-	56	1.24E-05	2	1184.702	-1.38	Head	UNKN:-:29527968-29527933;2R:+:37199115-37199150;2R:+:37176624-37176659	exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003385-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA

JHU_Ag_94826	VVEYTADPVNGFNAVVHREPLAVK	AGAP012795-PA,AGAP003385-PA,AGAP003379-PA	-	55	2.22E-05	1	2624.395	4.45	Head	UNKN:-:29528061-29527990;2R:+:37199022-37199093;2R:+:37176531-37176602	exon=> In CDS Exon 1 of transcript AGAP012795-PA;exon=> In CDS Exon 3 of transcript AGAP003385-PA;exon=> In CDS Exon 3 of transcript AGAP003379-PA
JHU_Ag_46759	FSPVATVSYR	AGAP012796-PA,AGAP008771-PA	-	71	8.92E-07	1	1126.589	-0.34	Ovary	UNKN:+:29580306-29580335;3R:+:17388313-17388342	exon=> In CDS Exon 2 of transcript AGAP012796-PA;exon=> In CDS Exon 1 of transcript AGAP008771-PA
JHU_Ag_50043	LGLIPLR	AGAP012796-PA,AGAP008771-PA	-	35	0.000162544	2	781.529	-1.11	Salivary gland	UNKN:+:29579961-29579981;3R:+:17387968-17387988	exon=> In CDS Exon 2 of transcript AGAP012796-PA;exon=> In CDS Exon 1 of transcript AGAP008771-PA
JHU_Ag_50556	LMLSEVPSMAIEK	AGAP012796-PA,AGAP008771-PA	M2(Oxidation), M9(Oxidation)	50	0.000171123	2	1479.742	-0.97	Ovary	UNKN:+:29579868-29579906;3R:+:17387875-17387913	exon=> In CDS Exon 2 of transcript AGAP012796-PA;exon=> In CDS Exon 1 of transcript AGAP008771-PA
JHU_Ag_2286	MYQPVAGNMR	AGAP012800-PA	M1(Oxidation), M9(Oxidation)	45	0.000262479	1	1198.534	-0.35	Malpighian tubule	UNKN:-:30042423-30042394	exon=> In CDS Exon 7 of transcript AGAP012800-PA
JHU_Ag_4390	EFMTLVAGMR	AGAP012800-PA	-	48	0.000193157	2	1154.572	2.33	Malpighian tubule	UNKN:-:30043301-30043404,30043064-30043205	exon=> In CDS Exon 4 and 3 of transcript AGAP012800-PA
JHU_Ag_4521	DIIMTYSPSDIEK	AGAP012800-PA	-	52	8.29E-05	2	1511.734	2.78	Midgut	UNKN:-:30043647-30043609	exon=> In CDS Exon 2 of transcript AGAP012800-PA
JHU_Ag_4822	MWEDYGDIVR	AGAP012800-PA	M1(Oxidation)	41	0.000521806	2	1299.570	1.66	Midgut	UNKN:-:30043701-30043672	exon=> In CDS Exon 2 of transcript AGAP012800-PA
JHU_Ag_6556	NIFELTYK	AGAP012800-PA	-	43	0.000492973	1	1027.546	0.47	Midgut	UNKN:-:30042988-30042965	exon=> In CDS Exon 5 of transcript AGAP012800-PA
JHU_Ag_13715	MWEDYGDIVR	AGAP012800-PA	-	77	2.13E-07	1	1283.576	2.37	Malpighian tubule	UNKN:-:30043701-30043672	exon=> In CDS Exon 2 of transcript AGAP012800-PA
JHU_Ag_19217	MMSVFDDLTALIMAK	AGAP012800-PA	M1(Oxidation), M2(Oxidation), M13(Oxidation)	108	2.54E-10	2	1733.812	-2.32	Midgut	UNKN:-:30042910-30042997,30042663-30042801	exon=> In CDS Exon 6 and 5 of transcript AGAP012800-PA
JHU_Ag_20670	FGVLKDEQTEEAK	AGAP012800-PA	-	80	1.67E-07	1	1493.751	1.67	Malpighian tubule	UNKN:-:30043114-30043076	exon=> In CDS Exon 4 of transcript AGAP012800-PA
JHU_Ag_29893	YANLDLVELHSRMWEDYGDIVR	AGAP012800-PA	M13(Oxidation)	100	1.49E-09	1	2710.296	0.94	Malpighian tubule	UNKN:-:30043737-30043672	exon=> In CDS Exon 2 of transcript AGAP012800-PA
JHU_Ag_31607	LYVDQVDEIAR	AGAP012800-PA	-	72	1.07E-06	2	1320.679	-0.25	Midgut	UNKN:-:30043334-30043302	exon=> In CDS Exon 3 of transcript AGAP012800-PA
JHU_Ag_31951	DIIMTYSPSDIEK	AGAP012800-PA	M4(Oxidation)	80	1.52E-07	2	1511.736	3.75	Malpighian tubule	UNKN:-:30043647-30043609	exon=> In CDS Exon 2 of transcript AGAP012800-PA
JHU_Ag_37450	LYVDQVDEIAR	AGAP012800-PA	-	68	2.68E-06	2	1320.681	1.04	Malpighian tubule	UNKN:-:30043334-30043302	exon=> In CDS Exon 3 of transcript AGAP012800-PA

JHU_Ag_42108	GTDIAMGSAVLQR	AGAP012800-PA	M6(Oxidation)	104	6.90E-10	1	1334.675	1.03	Malpighian tubule	UNKN:-:30042348-30042594,30042061-30042241	exon=> In CDS Exon 8 and 7 of transcript AGAP012800-PA
JHU_Ag_54986	KMMSVFDDLTALIMAK	AGAP012800-PA	M2(Oxidation), M3(Oxidation), M14(Oxidation)	55	5.08E-05	1	1861.924	7.24	Larva	UNKN:-:30042913-30042997,30042663-30042801	exon=> In CDS Exon 6 and 5 of transcript AGAP012800-PA
JHU_Ag_58472	RDIIMTYSPSDIEK	AGAP012800-PA	-	78	2.53E-07	2	1667.837	3.81	Malpighian tubule	UNKN:-:30043650-30043609	exon=> In CDS Exon 2 of transcript AGAP012800-PA
JHU_Ag_77121	QPSNSANQSVLEK	AGAP012800-PA	-	69	1.68E-06	1	1401.700	1.95	Malpighian tubule	UNKN:-:30042770-30042732	exon=> In CDS Exon 6 of transcript AGAP012800-PA
JHU_Ag_78351	QPSNSANQSVLEK	AGAP012800-PA	-	62	8.31E-06	2	1401.697	0.21	Midgut	UNKN:-:30042770-30042732	exon=> In CDS Exon 6 of transcript AGAP012800-PA
JHU_Ag_83757	LYVDQVDEIAR	AGAP012800-PA	-	63	9.83E-06	1	1320.685	4.37	Larva	UNKN:-:30043334-30043302	exon=> In CDS Exon 3 of transcript AGAP012800-PA
JHU_Ag_100868	NIFELTYK	AGAP012800-PA	-	38	0.00159156	1	1027.547	0.64	Malpighian tubule	UNKN:-:30042988-30042965	exon=> In CDS Exon 5 of transcript AGAP012800-PA
JHU_Ag_102411	KDSPLTAENMHNLPYLR	AGAP012800-PA	M10(Oxidation)	126	3.10E-12	1	1999.015	3.96	Malpighian tubule	UNKN:-:30042498-30042448	exon=> In CDS Exon 7 of transcript AGAP012800-PA
JHU_Ag_110907	GTDIAMGSAVLQR	AGAP012800-PA	M6(Oxidation)	67	2.84E-06	2	1318.680	0.98	Midgut	UNKN:-:30042348-30042594,30042061-30042241	exon=> In CDS Exon 8 and 7 of transcript AGAP012800-PA
JHU_Ag_112183	KILGLVR	AGAP012800-PA	-	31	0.001247751	1	798.556	-0.09	Malpighian tubule	UNKN:-:30043075-30043220,30042882-30042989	exon=> In CDS Exon 5 and 4 of transcript AGAP012800-PA
JHU_Ag_6024	THVRPDIFSETGGLVTEHGEK	AGAP012800-PA,AGAP008020-PA	-	160	1.36E-15	1	2309.159	2.89	Malpighian tubule	UNKN:-:30043545-30043742,30043288-30043392;3R:+:4324751-4324800,4324892-4324904	exon=> In CDS Exon 3 and 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP008020-PA
JHU_Ag_9321	THVRPDIFSETGGLVTEHGEK	AGAP012800-PA,AGAP008020-PA	-	137	2.92E-13	1	2309.144	-3.47	Midgut	UNKN:-:30043545-30043742,30043288-30043392;3R:+:4324751-4324800,4324892-4324904	exon=> In CDS Exon 3 and 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP008020-PA

JHU_Ag_26747	THVRPDIFSETGGLVTEHGEK	AGAP012800-PA,AGAP008020-PA	-	78	2.10E-07	1	2309.162	4.06	Ovary	UNKN:-:30043545-30043742,30043288-30043392;3R:+:4324751-4324800,4324892-4324904	exon=> In CDS Exon 3 and 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP008020-PA
JHU_Ag_47305	GFDSFTYYR	AGAP012800-PA,AGAP008020-PA	-	68	1.00E-06	2	1155.510	-0.66	Midgut	UNKN:-:30043572-30043546;3R:+:4324724-4324750	exon=> In CDS Exon 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008020-PA
JHU_Ag_78702	NEGQWPIRR	AGAP012800-PA,AGAP008020-PA	-	33	0.004959308	1	1155.603	0.98	Malpighian tubule	UNKN:-:30043599-30043573;3R:+:4324697-4324723	exon=> In CDS Exon 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008020-PA
JHU_Ag_85163	GRYANLDLVELHSR	AGAP012800-PA,AGAP008020-PA	-	47	0.000243065	1	1642.867	0.41	Malpighian tubule	UNKN:-:30043812-30044007,30043496-30043702;3R:+:4324484-4324484,4324554-4324594	exon=> In CDS Exon 2 and 1 of transcript AGAP012800-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP008020-PA
JHU_Ag_87827	THVRPDIFSETGGLVTEHGEK	AGAP012800-PA,AGAP008020-PA	-	36	0.003029241	1	2309.152	-0.17	Head	UNKN:-:30043545-30043742,30043288-30043392;3R:+:4324751-4324800,4324892-4324904	exon=> In CDS Exon 3 and 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP008020-PA
JHU_Ag_93699	YANLDLVELHSR	AGAP012800-PA,AGAP008020-PA	-	96	3.92E-09	1	1429.745	0.87	Malpighian tubule	UNKN:-:30043737-30043702;3R:+:4324559-4324594	exon=> In CDS Exon 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008020-PA
JHU_Ag_98813	VFRNEGQWPIR	AGAP012800-PA,AGAP008020-PA	-	66	4.60E-06	1	1401.739	-0.06	Malpighian tubule	UNKN:-:30043608-30043576;3R:+:4324688-4324720	exon=> In CDS Exon 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008020-PA
JHU_Ag_99723	GFDSFTYYR	AGAP012800-PA,AGAP008020-PA	-	66	2.01E-06	1	1155.513	2.41	Malpighian tubule	UNKN:-:30043572-30043546;3R:+:4324724-4324750	exon=> In CDS Exon 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008020-PA
JHU_Ag_101720	THVRPDIFSETGGLVTEHGEKWQK	AGAP012800-PA,AGAP008020-PA	-	135	3.80E-13	1	2751.382	-1.19	Malpighian tubule	UNKN:-:30043545-30043742,30043288-30043383;3R:+:4324751-4324800,4324892-4324913	exon=> In CDS Exon 3 and 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP008020-PA
JHU_Ag_112416	YANLDLVELHSR	AGAP012800-PA,AGAP008020-PA	-	87	2.87E-08	2	1429.748	3.5	Midgut	UNKN:-:30043737-30043702;3R:+:4324559-4324594	exon=> In CDS Exon 2 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008020-PA

JHU_Ag_60077	TIVNPVMMQPK	AGAP012800-PA,AGAP008020-PA,AGAP008022-PA	M7(Oxidation), M8(Oxidation)	46	0.000436489	1	1289.659	-0.33	Malpighian tubule	UNKN:-:30043376-30043344;3R:+:4324920-4324952;3R:+:4327387-4327419	exon=> In CDS Exon 3 of transcript AGAP012800-PA;exon=> In CDS Exon 3 of transcript AGAP008020-PA;exon=> In CDS Exon 3 of transcript AGAP008022-PA
JHU_Ag_16163	DLVLQGYQIPK	AGAP012800-PA,AGAP008021-PA	-	55	3.10E-05	2	1273.716	0.88	Visceras	UNKN:-:30042381-30042349;3R:+:4325907-4325939	exon=> In CDS Exon 7 of transcript AGAP012800-PA;exon=> In CDS Exon 1 of transcript AGAP008021-PA
JHU_Ag_24578	WLSERPADVPSAK	AGAP012800-PA,AGAP008021-PA	-	43	0.000640581	1	1455.759	-0.2	Midgut	UNKN:-:30042195-30042157;3R:+:4326093-4326131	exon=> In CDS Exon 8 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_36906	DLVLQGYQIPK	AGAP012800-PA,AGAP008021-PA	-	86	2.88E-08	1	1273.718	2.13	Malpighian tubule	UNKN:-:30042381-30042349;3R:+:4325907-4325939	exon=> In CDS Exon 7 of transcript AGAP012800-PA;exon=> In CDS Exon 1 of transcript AGAP008021-PA
JHU_Ag_64200	DSNPFIFLPFGFGAR	AGAP012800-PA,AGAP008021-PA	-	96	2.99E-09	1	1684.846	-1.15	Midgut	UNKN:-:30042156-30042112;3R:+:4326132-4326176	exon=> In CDS Exon 8 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_78584	AAGRDLVLQGYQIPK	AGAP012800-PA,AGAP008021-PA	-	73	3.09E-07	1	1628.912	-0.03	Malpighian tubule	UNKN:-:30042393-30042349;3R:+:4325895-4325939	exon=> In CDS Exon 7 of transcript AGAP012800-PA;exon=> In CDS Exon 1 of transcript AGAP008021-PA
JHU_Ag_79476	DLVLQGYQIPK	AGAP012800-PA,AGAP008021-PA	-	79	1.21E-07	2	1273.714	-0.65	Midgut	UNKN:-:30042381-30042349;3R:+:4325907-4325939	exon=> In CDS Exon 7 of transcript AGAP012800-PA;exon=> In CDS Exon 1 of transcript AGAP008021-PA
JHU_Ag_83550	WLSERPADVPSAK	AGAP012800-PA,AGAP008021-PA	-	43	0.000621064	1	1455.762	1.88	Malpighian tubule	UNKN:-:30042195-30042157;3R:+:4326093-4326131	exon=> In CDS Exon 8 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_98516	ASEYLPER	AGAP012800-PA,AGAP008021-PA	-	46	0.000412412	1	964.474	1.04	Malpighian tubule	UNKN:-:30042219-30042196;3R:+:4326069-4326092	exon=> In CDS Exon 8 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_99049	DSNPFIFLPFGFGAR	AGAP012800-PA,AGAP008021-PA	-	64	5.29E-06	2	1684.855	3.85	Malpighian tubule	UNKN:-:30042156-30042112;3R:+:4326132-4326176	exon=> In CDS Exon 8 of transcript AGAP012800-PA;exon=> In CDS Exon 2 of transcript AGAP008021-PA
JHU_Ag_99082	DLVLQGYQIPK	AGAP012800-PA,AGAP008021-PA	-	33	0.004605441	2	1273.720	3.76	Head	UNKN:-:30042381-30042349;3R:+:4325907-4325939	exon=> In CDS Exon 7 of transcript AGAP012800-PA;exon=> In CDS Exon 1 of transcript AGAP008021-PA
JHU_Ag_15364	RTDLYATNALEQ	AGAP012801-PA	-	89	2.00E-08	1	1394.694	1.76	Malpighian tubule	UNKN:+:30060857-30060892	exon=> In CDS Exon 1 of transcript AGAP012801-PA
JHU_Ag_16785	RTDLYATNALEQ	AGAP012801-PA	-	83	7.44E-08	1	1394.691	0.18	Midgut	UNKN:+:30060857-30060892	exon=> In CDS Exon 1 of transcript AGAP012801-PA
JHU_Ag_41567	RTDLYATNALEQ	AGAP012801-PA	-	66	4.03E-06	2	1394.690	-0.52	Head	UNKN:+:30060857-30060892	exon=> In CDS Exon 1 of transcript AGAP012801-PA
JHU_Ag_13075	ESDVLTGGSTLATVAIDGAK	AGAP012801-PA,AGAP003516-PA	-	109	1.93E-10	2	1904.984	1.35	Midgut	UNKN:+:30060446-30060505;2R:+:39069825-39069884	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA

JHU_Ag_25064	ESDVLTGGSTLATVAIDGAK	AGAP012801-PA,AGAP003516-PA	-	109	1.86E-10	1	1904.982	0.2	Ovary	UNKN:+:30060446-30060505;2R:+:39069825-39069884	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_45012	IHLFDINIPGGITFR	AGAP012801-PA,AGAP003516-PA	-	48	8.44E-05	1	1712.965	9.45	Midgut	UNKN:+:30060401-30060445;2R:+:39069780-39069824	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_45051	TGPLHWELLAR	AGAP012801-PA,AGAP003516-PA	-	87	1.66E-08	1	1292.712	0.43	Midgut	UNKN:+:30060611-30060643;2R:+:39069990-39070022	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_55452	TGPLHWELLAR	AGAP012801-PA,AGAP003516-PA	-	46	0.000188496	1	1292.716	3.46	Ovary	UNKN:+:30060611-30060643;2R:+:39069990-39070022	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_62334	DPAAGYVAWGHSMVVDPWAK	AGAP012801-PA,AGAP003516-PA	M13(Oxidation)	87	2.80E-08	1	2173.016	-0.39	Midgut	UNKN:+:30060695-30060754;2R:+:39070074-39070133	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_82918	NQGCDMLIYPGAFNMK	AGAP012801-PA,AGAP003516-PA	C4(Carbamidomethyl),M15(Oxidation),"C4(Carbamidomethyl),M6(Oxidation),M15(Oxidation)"	71	5.65E-07	1	1890.817	-0.51	Midgut	UNKN:+:30060563-30060610;2R:+:39069942-39069989	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_88744	ESDVLTGGSTLATVAIDGAK	AGAP012801-PA,AGAP003516-PA	-	101	9.93E-10	2	1904.986	2.25	Pupa	UNKN:+:30060446-30060505;2R:+:39069825-39069884	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_89019	ANDTQSYVATISPAR	AGAP012801-PA,AGAP003516-PA	-	65	4.16E-06	2	1593.786	-0.38	Male reproductive organs	UNKN:+:30060650-30060694;2R:+:39070029-39070073	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_92423	IHLFDINIPGGITFR	AGAP012801-PA,AGAP003516-PA	-	40	0.000596115	1	1712.946	-1.17	Ovary	UNKN:+:30060401-30060445;2R:+:39069780-39069824	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_102422	ANDTQSYVATISPAR	AGAP012801-PA,AGAP003516-PA	-	83	7.58E-08	2	1593.788	0.93	Pupa	UNKN:+:30060650-30060694;2R:+:39070029-39070073	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_116888	TGPLHWELLAR	AGAP012801-PA,AGAP003516-PA	-	83	4.58E-08	1	1292.713	1.18	Malpighian tubule	UNKN:+:30060611-30060643;2R:+:39069990-39070022	exon=> In CDS Exon 1 of transcript AGAP012801-PA;exon=> In CDS Exon 2 of transcript AGAP003516-PA
JHU_Ag_9477	FLAFQDVTLVPFEQK	AGAP012802-PA,AGAP004109-PA	-	92	7.45E-09	1	1781.939	-4.74	Midgut	UNKN:+:30079356-30079400;2R:+:50061277-50061321	exon=> In CDS Exon 3 of transcript AGAP012802-PA;exon=> In CDS Exon 6 of transcript AGAP004109-PA
JHU_Ag_10590	TLHLGEPTAEQIR	AGAP012802-PA,AGAP004109-PA	-	54	4.22E-05	1	1464.782	1.07	Midgut	UNKN:+:30078840-30078878;2R:+:50060761-50060799	exon=> In CDS Exon 1 of transcript AGAP012802-PA;exon=> In CDS Exon 4 of transcript AGAP004109-PA

JHU_Ag_14407	TLLSVPEKK	AGAP012802-PA,AGAP004109-PA	-	33	0.001359559	1	1014.623	3.14	Malpighian tubule	UNKN:+:30079413-30079433,30079506-30079511;2R:+:50061334-50061354,50061426-50061431	exon=> In CDS Exon 3 and 4 of transcript AGAP012802-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP004109-PA
JHU_Ag_17525	GPVWGSMNDYPHGTGHGIGSYSSVR	AGAP012802-PA,AGAP004109-PA	M7(Oxidation)	45	0.000315091	3	2634.184	1.93	Midgut	UNKN:+:30078972-30079046;2R:+:50060893-50060967	exon=> In CDS Exon 1 of transcript AGAP012802-PA;exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_24953	EGYFFSNEPGYYK	AGAP012802-PA,AGAP004109-PA	-	48	0.000118794	1	1600.697	0.99	Head	UNKN:+:30079172-30079193,30079261-30079277;2R:+:50061093-50061114,50061182-50061198	exon=> In CDS Exon 2 and 3 of transcript AGAP012802-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP004109-PA
JHU_Ag_26551	LSMLTFPENLKPAELDALAR	AGAP012802-PA,AGAP004109-PA	M3(Oxidation)	68	1.30E-06	1	2245.201	5.05	Malpighian tubule	UNKN:+:30078912-30078971;2R:+:50060833-50060892	exon=> In CDS Exon 1 of transcript AGAP012802-PA;exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_63233	ESPISISYTAK	AGAP012802-PA,AGAP004109-PA	-	41	0.000892684	2	1195.626	4.29	Malpighian tubule	UNKN:+:30079047-30079050,30079125-30079153;2R:+:50060968-50060971,50061046-50061074	exon=> In CDS Exon 1 and 2 of transcript AGAP012802-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP004109-PA
JHU_Ag_72576	TLHLGEPTAEQIR	AGAP012802-PA,AGAP004109-PA	-	54	4.54E-05	1	1464.785	3.07	Head	UNKN:+:30078840-30078878;2R:+:50060761-50060799	exon=> In CDS Exon 1 of transcript AGAP012802-PA;exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_80269	LENVLEVVDTGK	AGAP012802-PA,AGAP004109-PA	-	89	2.16E-08	1	1315.711	0.41	Head	UNKN:+:30079299-30079334;2R:+:50061220-50061255	exon=> In CDS Exon 3 of transcript AGAP012802-PA;exon=> In CDS Exon 6 of transcript AGAP004109-PA
JHU_Ag_81099	EGYFFSNEPGYYK	AGAP012802-PA,AGAP004109-PA	-	73	4.21E-07	1	1600.696	0.23	Midgut	UNKN:+:30079172-30079193,30079261-30079277;2R:+:50061093-50061114,50061182-50061198	exon=> In CDS Exon 2 and 3 of transcript AGAP012802-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP004109-PA
JHU_Ag_88588	LSMLTFPENLKPAELDALAR	AGAP012802-PA,AGAP004109-PA	M3(Oxidation)	67	1.66E-06	1	2245.191	0.48	Midgut	UNKN:+:30078912-30078971;2R:+:50060833-50060892	exon=> In CDS Exon 1 of transcript AGAP012802-PA;exon=> In CDS Exon 4 of transcript AGAP004109-PA

JHU_Ag_93069	TLLSVPEKK	AGAP012802-PA,AGAP004109-PA	-	35	0.001600574	2	1014.618	-1.73	Head	UNKN:+:30079413-30079433,30079506-30079511;2R:+:50061334-50061354,50061426-50061431	exon=> In CDS Exon 3 and 4 of transcript AGAP012802-PA;exon=> In CDS Exon 6 and 7 of transcript AGAP004109-PA
JHU_Ag_99090	AYTNVLIGMIR	AGAP012802-PA,AGAP004109-PA	-	32	0.004991507	2	1250.699	4.93	Head	UNKN:+:30078879-30078911;2R:+:50060800-50060832	exon=> In CDS Exon 1 of transcript AGAP012802-PA;exon=> In CDS Exon 4 of transcript AGAP004109-PA
JHU_Ag_109390	FLAFQDVTLVPFEQK	AGAP012802-PA,AGAP004109-PA	-	85	3.01E-08	2	1781.957	5.47	Head	UNKN:+:30079356-30079400;2R:+:50061277-50061321	exon=> In CDS Exon 3 of transcript AGAP012802-PA;exon=> In CDS Exon 6 of transcript AGAP004109-PA
JHU_Ag_1914	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	66	1.18E-06	1	1073.640	4.1	Ovary	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_11137	AQFVLPNTQPIVDLECATAFNNLTEKEK	AGAP012819-PA,AGAP004394-PA	C16(Carbamidomethyl)	40	0.001101127	1	3190.623	4.27	Ovary	UNKN:-:31436634-31436551;2R:+:55591080-55591163	exon=> In CDS Exon 1 of transcript AGAP012819-PA;exon=> In CDS Exon 1 of transcript AGAP004394-PA
JHU_Ag_11169	IFLAEPVEDLK	AGAP012819-PA,AGAP004394-PA	-	53	5.81E-05	2	1273.706	1.34	Head	UNKN:-:31436340-31436308;2R:+:55591374-55591406	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_17680	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	54	3.19E-05	1	1073.636	0.35	Pupa	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_40342	AHASVIDSLWESTK	AGAP012819-PA,AGAP004394-PA	-	87	3.37E-08	2	1543.776	0.34	Male reproductive organs	UNKN:-:31436036-31435995;2R:+:55591678-55591719	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_44939	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	66	1.25E-06	1	1073.637	1.26	Malpighian tubule	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_48165	AHASVIDSLWESTK	AGAP012819-PA,AGAP004394-PA	-	77	2.98E-07	1	1543.779	2.47	Midgut	UNKN:-:31436036-31435995;2R:+:55591678-55591719	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_50508	AQFVLPNTQPIVDLECATAFNNLTEKEK	AGAP012819-PA,AGAP004394-PA	C16(Carbamidomethyl)	63	4.99E-06	1	3190.637	8.86	Visceras	UNKN:-:31436634-31436551;2R:+:55591080-55591163	exon=> In CDS Exon 1 of transcript AGAP012819-PA;exon=> In CDS Exon 1 of transcript AGAP004394-PA
JHU_Ag_52778	SALAAGVSEDEFTAFLVYTCGFLANAGNYK	AGAP012819-PA,AGAP004394-PA	C20(Carbamidomethyl)	91	9.93E-09	1	3186.516	2.19	Malpighian tubule	UNKN:-:31436304-31436418,31435938-31436118;2R:+:55591410-55591448,55591546-55591596	exon=> In CDS Exon 3 and 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP004394-PA

JHU_Ag_55168	IFLAEPVEDLKK	AGAP012819-PA,AGAP004394-PA	-	49	7.36E-05	2	1401.801	1.66	Head	UNKN:-:31436340-31436305;2R:+:55591374-55591409	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_57887	AQFVLPNTQPIVDLECATAFNNLTEKEK	AGAP012819-PA,AGAP004394-PA	C16(Carbamidomethyl)	41	0.000784167	1	3190.611	0.6	Malpighian tubule	UNKN:-:31436634-31436551;2R:+:55591080-55591163	exon=> In CDS Exon 1 of transcript AGAP012819-PA;exon=> In CDS Exon 1 of transcript AGAP004394-PA
JHU_Ag_63052	IVPNLDEDKFEAIVK	AGAP012819-PA,AGAP004394-PA	-	47	0.000156697	2	1729.943	3.53	Ovary	UNKN:-:31436099-31436055;2R:+:55591615-55591659	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_66912	IFLAEPVEDLKK	AGAP012819-PA,AGAP004394-PA	-	88	9.46E-09	1	1401.805	4.43	Ovary	UNKN:-:31436340-31436305;2R:+:55591374-55591409	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_70290	AHASVIDSLWESTK	AGAP012819-PA,AGAP004394-PA	-	60	1.49E-05	1	1543.777	1.32	Salivary gland	UNKN:-:31436036-31435995;2R:+:55591678-55591719	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_74788	AHASVIDSLWESTK	AGAP012819-PA,AGAP004394-PA	-	95	4.33E-09	1	1543.778	2	Malpighian tubule	UNKN:-:31436036-31435995;2R:+:55591678-55591719	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_77585	IVPNLDEDKFEAIVK	AGAP012819-PA,AGAP004394-PA	-	47	0.000157508	2	1729.945	4.59	Head	UNKN:-:31436099-31436055;2R:+:55591615-55591659	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_81385	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	53	2.45E-05	2	1073.638	2.06	Larva	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_82615	IFLAEPVEDLKK	AGAP012819-PA,AGAP004394-PA	-	38	0.000984364	1	1401.799	0.26	Male reproductive organs	UNKN:-:31436340-31436305;2R:+:55591374-55591409	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_84120	IFLAEPVEDLK	AGAP012819-PA,AGAP004394-PA	-	46	0.000311326	1	1273.704	-0.19	Malpighian tubule	UNKN:-:31436340-31436308;2R:+:55591374-55591406	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_86183	AQFVLPNTQPIVDLECATAFNNLTEKEK	AGAP012819-PA,AGAP004394-PA	C16(Carbamidomethyl)	49	0.000126588	1	3190.606	-0.9	Midgut	UNKN:-:31436634-31436551;2R:+:55591080-55591163	exon=> In CDS Exon 1 of transcript AGAP012819-PA;exon=> In CDS Exon 1 of transcript AGAP004394-PA
JHU_Ag_89289	AQFVLPNTQPIVDLECATAFNNLTEK	AGAP012819-PA,AGAP004394-PA	C16(Carbamidomethyl)	107	2.41E-10	1	2933.478	2.08	Malpighian tubule	UNKN:-:31436634-31436557;2R:+:55591080-55591157	exon=> In CDS Exon 1 of transcript AGAP012819-PA;exon=> In CDS Exon 1 of transcript AGAP004394-PA
JHU_Ag_91832	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	70	7.71E-07	1	1073.636	0.47	Salivary gland	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_92090	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	66	1.08E-06	1	1073.638	2.17	Visceras	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA

JHU_Ag_92663	IFLAEPVEDLKK	AGAP012819-PA,AGAP004394-PA	-	76	1.63E-07	1	1401.799	0.19	Malpighian tubule	UNKN:-:31436340-31436305;2R:+:55591374-55591409	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_93962	AQFVLPNTQPIVDLECATAFNNLTEK	AGAP012819-PA,AGAP004394-PA	C16(Carbamidomethyl)	106	2.55E-10	1	2933.478	2.14	Salivary gland	UNKN:-:31436634-31436557;2R:+:55591080-55591157	exon=> In CDS Exon 1 of transcript AGAP012819-PA;exon=> In CDS Exon 1 of transcript AGAP004394-PA
JHU_Ag_96739	IVPNLDEDKFEAIVK	AGAP012819-PA,AGAP004394-PA	-	48	0.000151336	1	1729.932	-2.82	Male reproductive organs	UNKN:-:31436099-31436055;2R:+:55591615-55591659	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_101731	IFLAEPVEDLKK	AGAP012819-PA,AGAP004394-PA	-	70	5.47E-07	1	1401.798	-0.35	Midgut	UNKN:-:31436340-31436305;2R:+:55591374-55591409	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_107802	ASWTGGLVALVQSSPESPLIFSLLHR	AGAP012819-PA,AGAP004394-PA	-	123	2.03E-12	1	2765.499	0.28	Midgut	UNKN:-:31436418-31436341;2R:+:55591296-55591373	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_109111	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	67	1.58E-06	1	1073.635	-0.67	Midgut	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_110361	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	66	1.71E-06	1	1073.636	0.69	Head	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_112507	IVPNLDEDKFEAIVK	AGAP012819-PA,AGAP004394-PA	-	91	5.68E-09	1	1729.947	5.65	Malpighian tubule	UNKN:-:31436099-31436055;2R:+:55591615-55591659	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_114813	IFLAEPVEDLKK	AGAP012819-PA,AGAP004394-PA	-	45	0.000219882	1	1401.797	-1.51	Salivary gland	UNKN:-:31436340-31436305;2R:+:55591374-55591409	exon=> In CDS Exon 2 of transcript AGAP012819-PA;exon=> In CDS Exon 2 of transcript AGAP004394-PA
JHU_Ag_116310	VPIFLLTDR	AGAP012819-PA,AGAP004394-PA	-	67	1.52E-06	1	1073.636	0.47	Male reproductive organs	UNKN:-:31435994-31435968;2R:+:55591720-55591746	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_117480	IVPNLDEDKFEAIVK	AGAP012819-PA,AGAP004394-PA	-	82	5.88E-08	1	1729.935	-1.19	Midgut	UNKN:-:31436099-31436055;2R:+:55591615-55591659	exon=> In CDS Exon 3 of transcript AGAP012819-PA;exon=> In CDS Exon 3 of transcript AGAP004394-PA
JHU_Ag_4375	LHLCQTGEESK	AGAP012823-PA,AGAP003367-PA	C4(Carbamidomethyl)	37	0.002119937	1	1301.620	3.7	Larva	UNKN:-:31705015-31704983;2R:+:36893265-36893297	exon=> In CDS Exon 1 of transcript AGAP012823-PA;exon=> In CDS Exon 1 of transcript AGAP003367-PA
JHU_Ag_10081	SVTLTNATAEDISK	AGAP012823-PA,AGAP003367-PA	-	119	2.30E-11	2	1449.742	-0.49	Head	UNKN:-:31704638-31704597;2R:+:36893642-36893683	exon=> In CDS Exon 3 of transcript AGAP012823-PA;exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_13485	RDNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	37	0.000454925	1	1279.751	2.14	Visceras	UNKN:-:31704814-31704782;2R:+:36893466-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA

JHU_Ag_18599	RDNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	72	1.69E-07	1	1279.749	1	Head	UNKN:-:31704814-31704782;2R:+:36893466-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_19692	DNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	52	3.17E-05	2	1123.649	1.94	Visceras	UNKN:-:31704811-31704782;2R:+:36893469-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_22664	LHLCQTGEESK	AGAP012823-PA,AGAP003367-PA	C4(Carbamidomethyl)	73	4.76E-07	1	1301.611	-3.62	Head	UNKN:-:31705015-31704983;2R:+:36893265-36893297	exon=> In CDS Exon 1 of transcript AGAP012823-PA;exon=> In CDS Exon 1 of transcript AGAP003367-PA
JHU_Ag_25153	DNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	51	4.41E-05	2	1123.644	-2.73	Midgut	UNKN:-:31704811-31704782;2R:+:36893469-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_32078	LHLCQTGEESK	AGAP012823-PA,AGAP003367-PA	C4(Carbamidomethyl)	54	3.82E-05	1	1301.617	1.35	Malpighian tubule	UNKN:-:31705015-31704983;2R:+:36893265-36893297	exon=> In CDS Exon 1 of transcript AGAP012823-PA;exon=> In CDS Exon 1 of transcript AGAP003367-PA
JHU_Ag_32576	LHLCQTGEESK	AGAP012823-PA,AGAP003367-PA	C4(Carbamidomethyl)	46	0.00027253	1	1301.616	0.23	Ovary	UNKN:-:31705015-31704983;2R:+:36893265-36893297	exon=> In CDS Exon 1 of transcript AGAP012823-PA;exon=> In CDS Exon 1 of transcript AGAP003367-PA
JHU_Ag_33990	RDNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	59	3.33E-06	1	1279.749	0.81	Midgut	UNKN:-:31704814-31704782;2R:+:36893466-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_49137	SVTLTNATAEDISK	AGAP012823-PA,AGAP003367-PA	-	101	1.20E-09	2	1449.739	-3.19	Midgut	UNKN:-:31704638-31704597;2R:+:36893642-36893683	exon=> In CDS Exon 3 of transcript AGAP012823-PA;exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_50977	DNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	62	3.08E-06	2	1123.647	0.09	Head	UNKN:-:31704811-31704782;2R:+:36893469-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_63252	SVTLTNATAEDISK	AGAP012823-PA,AGAP003367-PA	-	100	1.71E-09	1	1449.746	1.78	Ovary	UNKN:-:31704638-31704597;2R:+:36893642-36893683	exon=> In CDS Exon 3 of transcript AGAP012823-PA;exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_64233	GVRDFVNTR	AGAP012823-PA,AGAP003367-PA	-	43	0.00080852	1	1063.565	0.35	Malpighian tubule	UNKN:-:31704982-31705072,31704742-31704830;2R:+:36893298-36893305,36893432-36893450	exon=> In CDS Exon 2 and 1 of transcript AGAP012823-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP003367-PA
JHU_Ag_66941	DNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	31	0.00345948	2	1123.649	2.05	Salivary gland	UNKN:-:31704811-31704782;2R:+:36893469-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_75951	SVTLTNATAEDISK	AGAP012823-PA,AGAP003367-PA	-	104	5.69E-10	2	1449.746	1.7	Malpighian tubule	UNKN:-:31704638-31704597;2R:+:36893642-36893683	exon=> In CDS Exon 3 of transcript AGAP012823-PA;exon=> In CDS Exon 3 of transcript AGAP003367-PA

JHU_Ag_84378	DNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	60	4.61E-06	1	1123.648	0.63	Ovary	UNKN:-:31704811-31704782;2R:+:36893469-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_88706	DNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	52	2.75E-05	1	1123.650	2.81	Malpighian tubule	UNKN:-:31704811-31704782;2R:+:36893469-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_89882	RDNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	68	3.89E-07	1	1279.749	0.71	Malpighian tubule	UNKN:-:31704814-31704782;2R:+:36893466-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_99015	LHLCQTGEESK	AGAP012823-PA,AGAP003367-PA	C4(Carbamidomethyl)	41	0.000908687	2	1301.616	0.23	Visceras	UNKN:-:31705015-31704983;2R:+:36893265-36893297	exon=> In CDS Exon 1 of transcript AGAP012823-PA;exon=> In CDS Exon 1 of transcript AGAP003367-PA
JHU_Ag_100626	DNPSLPILVRECSGVQPR	AGAP012823-PA,AGAP003367-PA	C12(Carbamidomethyl)	61	8.67E-06	1	2037.061	3.16	Malpighian tubule	UNKN:-:31704811-31704758;2R:+:36893469-36893522	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_103188	RDNPSLPILVR	AGAP012823-PA,AGAP003367-PA	-	48	4.28E-05	2	1279.751	2.05	Ovary	UNKN:-:31704814-31704782;2R:+:36893466-36893498	exon=> In CDS Exon 2 of transcript AGAP012823-PA;exon=> In CDS Exon 2 of transcript AGAP003367-PA
JHU_Ag_105090	SVTLTNATAEDISK	AGAP012823-PA,AGAP003367-PA	-	120	1.71E-11	2	1449.745	0.94	Visceras	UNKN:-:31704638-31704597;2R:+:36893642-36893683	exon=> In CDS Exon 3 of transcript AGAP012823-PA;exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_114982	SVTLTNATAEDISK	AGAP012823-PA,AGAP003367-PA	-	53	7.70E-05	2	1449.745	0.94	Salivary gland	UNKN:-:31704638-31704597;2R:+:36893642-36893683	exon=> In CDS Exon 3 of transcript AGAP012823-PA;exon=> In CDS Exon 3 of transcript AGAP003367-PA
JHU_Ag_71221	TLLELK	AGAP012829-PA,AGAP002945-PA	-	35	0.001316604	1	716.458	4.36	Ovary	UNKN:-:32382322-32382305;2R:-:30003454-30003437	exon=> In CDS Exon 2 of transcript AGAP012829-PA;exon=> In CDS Exon 4 of transcript AGAP002945-PA
JHU_Ag_31436	QDSGGPFVAEGK	AGAP012842-PA	-	64	6.07E-06	2	1191.566	1.25	Midgut	UNKN:-:33365770-33365735	exon=> In CDS Exon 1 of transcript AGAP012842-PA
JHU_Ag_102400	AYQSMYGGITDQMFCAGYK	AGAP012842-PA	M5(Oxidation), C15(Carbamidomethyl)," M5(Oxidation), M13(Oxidation), C15(Carbamidomethyl)"," M13(Oxidation), C15(Carbamidomethyl)",C15(Carbamidomethyl)	118	7.31E-12	1	2206.924	0.03	Midgut	UNKN:-:33365851-33365795	exon=> In CDS Exon 1 of transcript AGAP012842-PA
JHU_Ag_47676	FALHPFSGIPMAANGR	AGAP012849-PA,AGAP010132-PA	M11(Oxidation), N14(Deamidated)	52	0.000107145	1	1702.836	-0.93	Midgut	UNKN:-:34056733-34056686;3R:+:49286901-49286948	exon=> In CDS Exon 1 of transcript AGAP012849-PA;exon=> In CDS Exon 2 of transcript AGAP010132-PA

JHU_Ag_66578	NLGDNIRPLNLFLPDLCSAITLR	AGAP012849-PA,AGAP010132-PA	C17(Carbamidomethyl)	45	0.000150716	3	2625.418	0.05	Midgut	UNKN:-:34057078-34057010;3R:+:49286556-49286624	exon=> In CDS Exon 1 of transcript AGAP012849-PA;exon=> In CDS Exon 2 of transcript AGAP010132-PA
JHU_Ag_81642	DVPDVIIPAFWIEQR	AGAP012849-PA,AGAP010132-PA	-	51	8.10E-05	2	1797.954	0.3	Midgut	UNKN:-:34056563-34056519;3R:+:49287072-49287116	exon=> In CDS Exon 2 of transcript AGAP012849-PA;exon=> In CDS Exon 3 of transcript AGAP010132-PA
JHU_Ag_113586	TAVTGMEPDR	AGAP012849-PA,AGAP010132-PA	M6(Oxidation)	49	0.000140666	1	1092.498	-1.34	Midgut	UNKN:-:34056781-34056752;3R:+:49286853-49286882	exon=> In CDS Exon 1 of transcript AGAP012849-PA;exon=> In CDS Exon 2 of transcript AGAP010132-PA
JHU_Ag_115716	EFTVHGLDGELWVGDAR	AGAP012849-PA,AGAP010132-PA	-	96	4.09E-09	1	1900.917	-1.24	Midgut	UNKN:-:34057000-34056950;3R:+:49286634-49286684	exon=> In CDS Exon 1 of transcript AGAP012849-PA;exon=> In CDS Exon 2 of transcript AGAP010132-PA
JHU_Ag_117588	FGAPLVVSYPHFYLAHPSYR	AGAP012849-PA,AGAP010132-PA	-	109	1.48E-10	1	2321.189	1.02	Midgut	UNKN:-:34056841-34056782;3R:+:49286793-49286852	exon=> In CDS Exon 1 of transcript AGAP012849-PA;exon=> In CDS Exon 2 of transcript AGAP010132-PA
JHU_Ag_3267	SLGVSNFNSEQLR	AGAP012851-PA	N8(Deamidated)	97	2.89E-09	1	1450.729	0.35	Pupa	UNKN:+:34130109-34130147	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_3555	TPAQVLLR	AGAP012851-PA	-	45	7.05E-05	2	897.552	-0.05	Male reproductive organs	UNKN:+:34130376-34130399	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_6617	NVIVTAYSPLYRPGSTLGPEDGQSSK	AGAP012851-PA	-	87	2.24E-08	1	2736.388	1.52	Pupa	UNKN:+:34130247-34130324	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_6775	TPAQVLLR	AGAP012851-PA	-	45	8.69E-05	2	897.551	-0.8	Midgut	UNKN:+:34130376-34130399	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_12988	AMEQLLDTGLVR	AGAP012851-PA	-	77	2.96E-07	2	1345.721	5.2	Malpighian tubule	UNKN:+:34130073-34130108	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_19980	YLVDIGTVPIPK	AGAP012851-PA	-	63	2.56E-06	1	1314.769	1.73	Pupa	UNKN:+:34130400-34130435	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_25272	YLVDIGTVPIPK	AGAP012851-PA	-	63	2.68E-06	1	1314.767	0.05	Male reproductive organs	UNKN:+:34130400-34130435	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_30586	YLVDIGTVPIPK	AGAP012851-PA	-	56	1.39E-05	2	1314.768	0.98	Midgut	UNKN:+:34130400-34130435	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_33950	SLGVSNFNSEQLRR	AGAP012851-PA	N8(Deamidated), Q11(Deamidated)	39	0.001882093	1	1608.803	3.09	Salivary gland	UNKN:+:34130109-34130150	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_43217	SLGVSNFNSEQLR	AGAP012851-PA	-	68	2.83E-06	2	1450.727	-1.25	Midgut	UNKN:+:34130109-34130147	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_44347	EAFDASLSK	AGAP012851-PA	-	51	9.01E-05	1	967.473	-0.57	Pupa	UNKN:+:34129935-34129961	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_50414	TPAQVLLR	AGAP012851-PA	-	56	5.78E-06	2	897.550	-1.62	Pupa	UNKN:+:34130376-34130399	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_60515	AMEQLLDTGLVR	AGAP012851-PA	M2(Oxidation)	85	5.08E-08	2	1361.715	4.39	Larva	UNKN:+:34130073-34130108	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_71495	AMEQLLDTGLVR	AGAP012851-PA	-	90	1.80E-08	2	1345.715	0.39	Midgut	UNKN:+:34130073-34130108	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_79960	VLENGSVAPVTNQVECHVR	AGAP012851-PA	C16(Carbamidomethyl),"N4(Deamidated), C16(Carbamidomethyl)"	56	3.64E-05	1	2108.054	-0.64	Pupa	UNKN:+:34130151-34130207	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_83277	SLGVSNFNSEQLR	AGAP012851-PA	-	52	0.000109119	1	1450.729	0.44	Male reproductive organs	UNKN:+:34130109-34130147	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_84781	EAFDASLSK	AGAP012851-PA	-	41	0.00108369	2	967.473	-0.34	Male reproductive organs	UNKN:+:34129935-34129961	exon=> In CDS Exon 1 of transcript AGAP012851-PA

JHU_Ag_86590	AMEQLLDTGLVR	AGAP012851-PA	M2(Oxidation)	116	4.13E-11	2	1361.709	-0.54	Pupa	UNKN:+:34130073-34130108	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_90303	LWNTSHEPAQVR	AGAP012851-PA	-	74	5.50E-07	1	1437.723	-0.56	Pupa	UNKN:+:34129899-34129934	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_95663	SLGVSNFNSEQLRR	AGAP012851-PA	-	51	0.000130178	1	1606.828	-1.31	Pupa	UNKN:+:34130109-34130150	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_97120	TPAQVLLR	AGAP012851-PA	-	42	0.000147983	2	897.553	1.17	Malpighian tubule	UNKN:+:34130376-34130399	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_106157	AMEQLLDTGLVR	AGAP012851-PA	M2(Oxidation)	104	6.39E-10	2	1361.709	-0.19	Male reproductive organs	UNKN:+:34130073-34130108	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_110478	YLVDIGTVPIPK	AGAP012851-PA	-	65	1.23E-06	2	1314.772	4.05	Malpighian tubule	UNKN:+:34130400-34130435	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_114530	LWNTSHEPAQVR	AGAP012851-PA	-	75	4.86E-07	1	1437.727	2.24	Malpighian tubule	UNKN:+:34129899-34129934	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_114977	NVIVTAYSPLYRPGSTLGPEDGQSSK	AGAP012851-PA	-	37	0.002158668	3	2736.385	0.38	Midgut	UNKN:+:34130247-34130324	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_115126	LWNTSHEPAQVR	AGAP012851-PA	-	57	3.42E-05	1	1437.725	0.97	Male reproductive organs	UNKN:+:34129899-34129934	exon=> In CDS Exon 1 of transcript AGAP012851-PA
JHU_Ag_55510	FSNGYEIPVLGYGTYLAQK	AGAP012852-PA	-	59	1.83E-05	2	2120.070	-0.15	Midgut	UNKN:+:34130966-34131013,34131087-34131095	exon=> In CDS Exon 1 and 2 of transcript AGAP012852-PA
JHU_Ag_104698	ELAQQIGAVAAR	AGAP012856-PA,AGAP013035-PA	Q4(Deamidated),Q5(Deamidated)	42	0.000527402	2	1227.670	0.79	Pupa	UNKN:+:34280222-34280257;2R:-:33797456-33797421	exon=> In CDS Exon 1 of transcript AGAP012856-PA;exon=> In CDS Exon 1 of transcript AGAP013035-PA
JHU_Ag_112559	GADSWFNKYSAVESSPEGTFK	AGAP012857-PA	-	44	0.000455942	1	2307.063	2.72	Malpighian tubule	UNKN:-:34396236-34396269,34395947-34396032	exon=> In CDS Exon 2 and 1 of transcript AGAP012857-PA
JHU_Ag_51891	KLTVEVEELR	AGAP012865-PA,AGAP012770-PA,AGAP011150-PA	-	56	2.29E-05	1	1215.692	-1.71	Head	UNKN:-:34885959-34885930;UNKN:-:27997926-27997897;3L:-:17985759-17985730	exon=> In CDS Exon 2 of transcript AGAP012865-PA;exon=> In CDS Exon 1 of transcript AGAP012770-PA;exon=> In CDS Exon 1 of transcript AGAP011150-PA
JHU_Ag_39604	SAGSGFGGEPFATPR	AGAP012868-PA,AGAP003503-PA	-	45	0.000496182	2	1437.685	6.13	Head	UNKN:-:35129279-35129235;2R:+:38752642-38752686	exon=> In CDS Exon 2 of transcript AGAP012868-PA;exon=> In CDS Exon 2 of transcript AGAP003503-PA
JHU_Ag_81677	SAGSGFGGEPFATPR	AGAP012868-PA,AGAP003503-PA	-	79	1.83E-07	2	1437.683	4.94	Malpighian tubule	UNKN:-:35129279-35129235;2R:+:38752642-38752686	exon=> In CDS Exon 2 of transcript AGAP012868-PA;exon=> In CDS Exon 2 of transcript AGAP003503-PA

JHU_Ag_1126	XMSIMNSFVNDIFER	AGAP012871-PA	M5(Oxidation), N6(Deamidated),"X1(A), M2(Oxidation), M5(Oxidation)","X1(V), M2(Oxidation), M5(Oxidation)","X1(N), X1(Deamidated), M5(Oxidation)","X1(N), M2(Oxidation)","X1(S), M5(Oxidation), N6(Deamidated)","X1(A), M2(Oxidation), M5(Oxidation), N10(Deamidated)","X1(S), M2(Oxidation), M5(Oxidation), N6(Deamidated)","X1(S), M5(Oxidation), N10(Deamidated)","X1(N), M5(Oxidation)","X1(D), M5(Oxidation)","X1(S), M2(Oxidation), M5(Oxidation), N10(Deamidated)","X1(S), M5(Oxidation)","X1(S), M2(Oxidation)","X1(S), M2(Oxidation),	134	3.95E-13	2	1806.805	0.72	Male reproductive organs	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_4777	XMSIMNSFVNDIFER	AGAP012871-PA	X1(A), N-Term(Acetyl), M5(Oxidation), N6(Deamidated)	32	0.008189762	2	1832.845	14.08	Head	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_9512	XMSIMNSFVNDIFER	AGAP012871-PA	N-Term(Acetyl), X1(G), M2(Oxidation)	91	7.90E-09	2	1817.818	-1.23	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_14720	XMSIMNSFVNDIFER	AGAP012871-PA	M5(Oxidation),"X1(A), M2(Oxidation), M5(Oxidation), N10(Deamidated)",X1(D)," X1(N), M5(Oxidation)","X1(S), M2(Oxidation), M5(Oxidation), N6(Deamidated)","X1(T), N6(Deamidated), N10(Deamidated)","X1(S), M2(Oxidation), M5(Oxidation)","X1(S), M2(Oxidation), M5(Oxidation), N10(Deamidated)","X1(N) , X1(Deamidated)","X1(E), M5(Oxidation), N6(Deamidated)","X1(P), M2(Oxidation), M5(Oxidation)","X1(Q), X1(Deamidated), M5(Oxidation), N6(Deamidated)","X1(I), M2(Oxidation), M5(Oxidation), N6(Deamidated)","X1(K),	133	4.78E-13	2	1806.809	2.95	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_21352	XMSIMNSFVNDIFER	AGAP012871-PA	X1(A), N-Term(Acetyl), M2(Oxidation), M5(Oxidation)	46	0.000294692	1	1847.834	1.93	Malpighian tubule	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_24101	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S), N-Term(Acetyl), M2(Oxidation), M5(Oxidation)	93	4.84E-09	1	1863.826	0.32	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_33734	XMSIMNSFVNDIFER	AGAP012871-PA	N-Term(Acetyl), X1(S), M5(Oxidation)	46	0.000294692	1	1847.834	1.93	Malpighian tubule	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_37709	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S), N6(Deamidated),X1(S),"X1(N), M5(Oxidation)","X1(A), M2(Oxidation), M5(Oxidation)","X1(N), M5(Oxidation), N6(Deamidated)","X1(N), X1(Deamidated), M5(Oxidation)","X1(A), M2(Oxidation)","X1(N), M2(Oxidation)","X1(S), M5(Oxidation), N6(Deamidated)","X1(A), M5(Oxidation)",X1(A),"X1(S), M2(Oxidation), M5(Oxidation)","X1(Q), M2(Oxidation), M5(Oxidation)","X1(D), M5(Oxidation)","X1(A), M2(Oxidation), N6(Deamidated)","X1(S), M5(Oxidation)","X1(S), M5(Oxidation), N10(Deamidated)"	124	4.93E-12	2	1805.824	2.15	Visceras	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_47666	XMSIMNSFVNDIFER	AGAP012871-PA	X1(A), N-Term(Acetyl), M2(Oxidation), N6(Deamidated)	39	0.001540519	2	1832.839	10.75	Head	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_56753	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S), N-Term(Acetyl), M5(Oxidation), N6(Deamidated)	75	3.20E-07	2	1848.829	7.87	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_56775	XMSIMNSFVNDIFER	AGAP012871-PA	N-Term(Acetyl), X1(S)	71	1.00E-06	1	1831.840	2.4	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_63280	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S),"X1(A), M2(Oxidation), M5(Oxidation)","X1(A), M2(Oxidation)","X1(S), M5(Oxidation), N10(Deamidated)","X1(Q), M2(Oxidation), M5(Oxidation)","X1(S), M5(Oxidation)","X1(S), M2(Oxidation)"	133	6.58E-13	2	1805.832	6.54	Larva	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_65321	XMSIMNSFVNDIFER	AGAP012871-PA	X1(G), N-Term(Acetyl), M2(Oxidation), M5(Oxidation)	75	3.45E-07	2	1833.820	2.82	Visceras	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_70513	XMSIMNSFVNDIFER	AGAP012871-PA	X1(A), N-Term(Acetyl), M2(Oxidation), M5(Oxidation), N10(Deamidated)	65	3.27E-06	1	1848.829	7.87	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_75368	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S), M5(Oxidation),"X1(S), M5(Oxidation), N10(Deamidated)","X1(A), M2(Oxidation), M5(Oxidation)"	111	9.80E-11	1	1805.823	2.01	Pupa	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_76502	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S),"X1(A), M2(Oxidation), M5(Oxidation)","X1(A), M2(Oxidation)","X1(A), M5(Oxidation)",X1(A),"X1(S), M5(Oxidation)"	133	5.68E-13	2	1805.817	-1.43	Salivary gland	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_79584	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S),"X1(A), M2(Oxidation), M5(Oxidation)","X1(A), M2(Oxidation)","X1(A), M5(Oxidation)","X1(E), M5(Oxidation)",X1(A),"X1(S), M2(Oxidation), M5(Oxidation)","X1(Q), X1(Deamidated), M5(Oxidation)","X1(S), M5(Oxidation)"	133	6.04E-13	2	1805.825	2.82	Malpighian tubule	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_84736	XMSIMNSFVNDIFER	AGAP012871-PA	N-Term(Acetyl), X1(A), M2(Oxidation)	71	1.00E-06	1	1831.840	2.39	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_88433	XMSIMNSFVNDIFER	AGAP012871-PA	N-Term(Acetyl), X1(G), M5(Oxidation)	91	8.35E-09	1	1817.818	-1.23	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_89938	XMSIMNSFVNDIFER	AGAP012871-PA	X1(A), N-Term(Acetyl), M2(Oxidation), M5(Oxidation), N6(Deamidated)	75	3.20E-07	2	1848.829	7.87	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_94978	XMSIMNSFVNDIFER	AGAP012871-PA	X1(A), N-Term(Acetyl), M2(Oxidation), M5(Oxidation)	128	1.58E-12	1	1847.829	-0.98	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_96129	XMSIMNSFVNDIFER	AGAP012871-PA	X1(G), N-Term(Acetyl), M2(Oxidation), M5(Oxidation)	92	5.97E-09	2	1833.825	5.62	Male reproductive organs	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_100173	XMSIMNSFVNDIFER	AGAP012871-PA	X1(S),"X1(K), M2(Oxidation), M5(Oxidation)","X1(N), M5(Oxidation)","X1(A), M2(Oxidation), M5(Oxidation)","X1(A), M2(Oxidation), M5(Oxidation), N10(Deamidated)","X1(A), M2(Oxidation)","X1(N), M2(Oxidation)","X1(S), M5(Oxidation), N6(Deamidated)","X1(A), M5(Oxidation)","X1(S), M2(Oxidation), N10(Deamidated)",X1(A),"X1(S), M2(Oxidation), M5(Oxidation)","X1(Q), M2(Oxidation), M5(Oxidation)",X1(N),"X1(S), M5(Oxidation)","X1(S), M2(Oxidation)","X1(S), M5(Oxidation), N10(Deamidated)"	136	3.05E-13	2	1805.826	3.37	Head	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_109268	XMSIMNSFVNDIFER	AGAP012871-PA	X1(A), M2(Oxidation), N10(Deamidated),X1(S),"X1(A), M2(Oxidation), M5(Oxidation), N6(Deamidated)","X1(A), M2(Oxidation), M5(Oxidation)","X1(A), M2(Oxidation), M5(Oxidation), N10(Deamidated)","X1(S), N10(Deamidated)","X1(A), M2(Oxidation)","X1(N), M2(Oxidation)","X1(S), M5(Oxidation), N10(Deamidated)","X1(A), M5(Oxidation)",X1(A),"X1(N), M5(Oxidation)","X1(Q), M2(Oxidation), M5(Oxidation)",X1(N),"X1(S), M5(Oxidation), N6(Deamidated)","X1(S), M5(Oxidation)","X1(S), M2(Oxidation), M5(Oxidation)"	136	3.09E-13	2	1805.819	-0.22	Midgut	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_111770	XMSIMNSFVNDIFER	AGAP012871-PA	N-Term(Acetyl), X1(A), M5(Oxidation)	105	3.74E-10	1	1831.835	-0.03	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA

JHU_Ag_112283	XMSIMNSFVNDIFER	AGAP012871-PA	N-Term(Acetyl), X1(S), M5(Oxidation)	121	8.54E-12	1	1847.830	-0.05	Ovary	UNKN:+:35222596-35222640	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_112516	XMSIMNSFVNDIFERIAAEASR	AGAP012871-PA	X1(A), M2(Oxidation), M5(Oxidation),"X1(S), M5(Oxidation)","X1(A), M5(Oxidation)"	113	7.73E-11	1	2504.204	5.07	Malpighian tubule	UNKN:+:35222596-35222661	exon=> In CDS Exon 1 of transcript AGAP012871-PA
JHU_Ag_5723	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	56	3.21E-05	2	903.516	1.7	Malpighian tubule	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_6009	EYQVIGR	AGAP012879-PA,AGAP012284-PA	-	39	0.002076164	1	864.461	4.35	Head	UNKN:-:36092952-36092932;3L:+:39779287-39779307	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_9150	MHIFAPDHIVAK	AGAP012879-PA,AGAP012284-PA	M1(Oxidation)	88	2.20E-08	1	1394.727	1.22	Malpighian tubule	UNKN:-:36092889-36092854;3L:+:39779350-39779385	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_19056	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	64	2.25E-06	1	1261.727	0.3	Pupa	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_21034	FWYFLR	AGAP012879-PA,AGAP012284-PA	-	41	0.001317644	1	931.480	-2.67	Midgut	UNKN:-:36092847-36092830;3L:+:39779392-39779409	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_23443	FWYFLR	AGAP012879-PA,AGAP012284-PA	-	41	0.001440191	2	931.485	2.58	Visceras	UNKN:-:36092847-36092830;3L:+:39779392-39779409	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_24701	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	87	9.72E-09	1	1261.730	2.53	Malpighian tubule	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_25371	FWYFLR	AGAP012879-PA,AGAP012284-PA	-	36	0.004419203	2	931.484	1.2	Pupa	UNKN:-:36092847-36092830;3L:+:39779392-39779409	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_27038	SRFWYFLR	AGAP012879-PA,AGAP012284-PA	-	40	0.001679053	1	1174.618	1.76	Midgut	UNKN:-:36092853-36092830;3L:+:39779386-39779409	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_27818	EKNPPLFK	AGAP012879-PA,AGAP012284-PA	-	42	0.000965588	1	972.550	-1.66	Visceras	UNKN:-:36092913-36092890;3L:+:39779326-39779349	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA

JHU_Ag_28106	NFGIWLR	AGAP012879-PA,AGAP012284-PA	-	40	0.001152937	2	905.498	-1	Male reproductive organs	UNKN:-:36092748-36092728;3L:+:39779491-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_29182	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	61	4.36E-06	2	1261.726	-0.09	Male reproductive organs	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_32334	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	75	2.20E-07	1	1059.614	-1.59	Ovary	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_33119	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	67	1.07E-06	2	1261.727	0.3	Ovary	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_33265	FWYFLR	AGAP012879-PA,AGAP012284-PA	-	41	0.001625674	2	931.487	4.54	Larva	UNKN:-:36092847-36092830;3L:+:39779392-39779409	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_38339	EYQVIGR	AGAP012879-PA,AGAP012284-PA	-	39	0.002161941	1	864.458	0.75	Pupa	UNKN:-:36092952-36092932;3L:+:39779287-39779307	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_39221	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	50	0.000136229	2	903.514	-0.46	Salivary gland	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_39295	EYQVIGR	AGAP012879-PA,AGAP012284-PA	-	43	0.000808805	2	864.458	0.8	Visceras	UNKN:-:36092952-36092932;3L:+:39779287-39779307	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_41807	MHIFAPDHIVAK	AGAP012879-PA,AGAP012284-PA	M1(Oxidation)	76	3.41E-07	1	1394.728	1.88	Larva	UNKN:-:36092889-36092854;3L:+:39779350-39779385	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_43504	MHIFAPDHIVAK	AGAP012879-PA,AGAP012284-PA	M1(Oxidation)	89	1.39E-08	1	1378.728	-1.54	Midgut	UNKN:-:36092889-36092854;3L:+:39779350-39779385	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_44004	VKNFGIWLR	AGAP012879-PA,AGAP012284-PA	-	31	0.002762501	1	1132.665	1.81	Malpighian tubule	UNKN:-:36092754-36092728;3L:+:39779485-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_44923	NFGIWLR	AGAP012879-PA,AGAP012284-PA	-	49	0.000145972	2	905.500	0.82	Visceras	UNKN:-:36092748-36092728;3L:+:39779491-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA

JHU_Ag_51611	EKNPPLFK	AGAP012879-PA,AGAP012284-PA	-	42	0.000812207	1	972.551	-0.02	Pupa	UNKN:-:36092913-36092890;3L:+:39779326-39779349	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_53595	MHIFAPDHIVAK	AGAP012879-PA,AGAP012284-PA	M1(Oxidation)	81	9.00E-08	1	1378.731	0.84	Salivary gland	UNKN:-:36092889-36092854;3L:+:39779350-39779385	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_54104	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	58	1.33E-05	2	1059.616	0.49	Pupa	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_55483	VKNFGIWLR	AGAP012879-PA,AGAP012284-PA	-	42	0.000340385	2	1132.662	-0.42	Male reproductive organs	UNKN:-:36092754-36092728;3L:+:39779485-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_55605	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	65	2.83E-06	1	1059.619	3.37	Larva	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_56540	VKNFGIWLR	AGAP012879-PA,AGAP012284-PA	-	27	0.006843882	1	1132.664	1.64	Ovary	UNKN:-:36092754-36092728;3L:+:39779485-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_57497	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	43	0.000224106	2	1261.731	4.08	Larva	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_60186	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	43	0.000695795	2	903.517	2.38	Head	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_61276	MHIFAPDHIVAK	AGAP012879-PA,AGAP012284-PA	M1(Oxidation)	80	1.13E-07	1	1378.730	-0.09	Visceras	UNKN:-:36092889-36092854;3L:+:39779350-39779385	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_61801	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	69	1.55E-06	2	903.514	-0.19	Visceras	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_62560	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	56	1.39E-05	2	1261.727	0.21	Salivary gland	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_63719	VKNFGIWLR	AGAP012879-PA,AGAP012284-PA	-	40	0.000365008	1	1132.667	3.46	Larva	UNKN:-:36092754-36092728;3L:+:39779485-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA

JHU_Ag_67558	NFGIWLR	AGAP012879-PA,AGAP012284-PA	-	30	0.009692509	1	905.504	4.73	Head	UNKN:-:36092748-36092728;3L:+:39779491-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_68142	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	62	4.99E-06	1	1059.616	-0.2	Malpighian tubule	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_68509	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	58	1.84E-05	1	903.514	-0.26	Ovary	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_71887	EYQVIGR	AGAP012879-PA,AGAP012284-PA	-	38	0.002778714	2	864.459	1.65	Larva	UNKN:-:36092952-36092932;3L:+:39779287-39779307	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_72268	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	79	6.35E-08	1	1261.725	-1.05	Midgut	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_74043	MHIFAPDHIVAK	AGAP012879-PA,AGAP012284-PA	M1(Oxidation)	69	1.21E-06	1	1378.743	9.44	Pupa	UNKN:-:36092889-36092854;3L:+:39779350-39779385	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_75895	NFGIWLR	AGAP012879-PA,AGAP012284-PA	-	37	0.001961225	2	905.502	2.98	Ovary	UNKN:-:36092748-36092728;3L:+:39779491-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_77373	NFGIWLR	AGAP012879-PA,AGAP012284-PA	-	39	0.001707142	1	905.499	0.22	Salivary gland	UNKN:-:36092748-36092728;3L:+:39779491-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_77656	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	55	4.23E-05	2	903.514	-0.8	Pupa	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_81148	GVLKEYQVIGR	AGAP012879-PA,AGAP012284-PA	-	39	0.000706004	1	1261.729	2.04	Head	UNKN:-:36093283-36093295,36092647-36092932;3L:+:39778956-39778961,39779281-39779307	exon=> In CDS Exon 2 and 1 of transcript AGAP012879-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP012284-PA
JHU_Ag_81729	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	46	0.000218458	2	1059.616	0.26	Salivary gland	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_81985	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	51	0.000100439	2	903.516	1.57	Larva	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA

JHU_Ag_82100	ATGEIVSVK	AGAP012879-PA,AGAP012284-PA	-	37	0.003139335	2	903.514	-0.59	Midgut	UNKN:-:36092808-36092782;3L:+:39779431-39779457	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_82103	VKNFGIWLR	AGAP012879-PA,AGAP012284-PA	-	33	0.002728789	2	1132.662	-0.42	Midgut	UNKN:-:36092754-36092728;3L:+:39779485-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_85875	SGTHNMYR	AGAP012879-PA,AGAP012284-PA	M6(Oxidation)	31	0.00528815	1	981.418	-2.88	Head	UNKN:-:36092715-36092692;3L:+:39779524-39779547	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_86713	NFGIWLR	AGAP012879-PA,AGAP012284-PA	-	41	0.000935987	1	905.500	0.42	Malpighian tubule	UNKN:-:36092748-36092728;3L:+:39779491-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_90952	EYQVIGR	AGAP012879-PA,AGAP012284-PA	-	53	8.36E-05	2	864.456	-1.46	Male reproductive organs	UNKN:-:36092952-36092932;3L:+:39779287-39779307	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_91528	FWYFLR	AGAP012879-PA,AGAP012284-PA	-	41	0.001549046	2	931.484	2.05	Ovary	UNKN:-:36092847-36092830;3L:+:39779392-39779409	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_94426	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	81	6.63E-08	1	1059.616	0.37	Visceras	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_94890	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	43	0.000373566	2	1059.615	-0.43	Head	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_102006	EYQVIGR	AGAP012879-PA,AGAP012284-PA	-	51	0.000132082	1	864.458	0.89	Midgut	UNKN:-:36092952-36092932;3L:+:39779287-39779307	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_112954	NFGIWLR	AGAP012879-PA,AGAP012284-PA	-	39	0.00152337	2	905.498	-0.93	Midgut	UNKN:-:36092748-36092728;3L:+:39779491-39779511	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_114393	MHIFAPDHIVAK	AGAP012879-PA,AGAP012284-PA	M1(Oxidation)	88	2.30E-08	1	1394.723	-1.47	Ovary	UNKN:-:36092889-36092854;3L:+:39779350-39779385	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_117732	ATGEIVSVKR	AGAP012879-PA,AGAP012284-PA	-	62	4.84E-06	2	1059.614	-1.47	Midgut	UNKN:-:36092808-36092779;3L:+:39779431-39779460	exon=> In CDS Exon 2 of transcript AGAP012879-PA;exon=> In CDS Exon 2 of transcript AGAP012284-PA
JHU_Ag_2581	NAVITVPAYFNDSQR	AGAP012891-PA,AGAP010876-PA,AGAP004583-PA	-	53	6.80E-05	1	1694.853	1.76	Head	UNKN:-:36954387-36954343;3L:+:12373943-12373987;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA

JHU_Ag_34793	NAVITVPAYFNDSQR	AGAP012891-PA,AGAP010876-PA,AGAP004583-PA	-	56	3.58E-05	2	1694.850	0.03	Pupa	UNKN:-:36954387-36954343;3L:+:12373943-12373987;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_36048	NAVITVPAYFNDSQR	AGAP012891-PA,AGAP010876-PA,AGAP004583-PA	-	54	6.51E-05	1	1694.849	-0.47	Midgut	UNKN:-:36954387-36954343;3L:+:12373943-12373987;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_71756	NAVITVPAYFNDSQR	AGAP012891-PA,AGAP010876-PA,AGAP004583-PA	-	50	0.000151106	1	1694.852	1.19	Salivary gland	UNKN:-:36954387-36954343;3L:+:12373943-12373987;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_78935	NAVITVPAYFNDSQR	AGAP012891-PA,AGAP010876-PA,AGAP004583-PA	-	56	3.55E-05	1	1694.858	4.79	Malpighian tubule	UNKN:-:36954387-36954343;3L:+:12373943-12373987;2R:-:57978822-57978778	exon=> In CDS Exon 1 of transcript AGAP012891-PA;exon=> In CDS Exon 1 of transcript AGAP010876-PA;exon=> In CDS Exon 1 of transcript AGAP004583-PA
JHU_Ag_9834	NSWSNYWGNDGYALMAVK	AGAP012900-PA,AGAP012577-PA	M15(Oxidation)	106	1.84E-10	1	2091.922	-0.27	Head	UNKN:-:37283053-37283000;UNKN:-:17207235-17207182	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_34954	NSWSNYWGNDGYALMAVK	AGAP012900-PA,AGAP012577-PA	M15(Oxidation)	110	1.06E-10	2	2075.930	1.16	Midgut	UNKN:-:37283053-37283000;UNKN:-:17207235-17207182	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_43286	NSWSNYWGNDGYALMAVK	AGAP012900-PA,AGAP012577-PA	M15(Oxidation)	97	1.85E-09	2	2075.928	-0.02	Pupa	UNKN:-:37283053-37283000;UNKN:-:17207235-17207182	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_52483	NKLDELDHAVLAVGYGQLNGEDYWLIK	AGAP012900-PA,AGAP012577-PA	N19(Deamidated)	158	1.50E-15	1	3073.574	3.44	Pupa	UNKN:-:37283134-37283054;UNKN:-:17207316-17207236	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_53562	HGPLSIAIDAGHK	AGAP012900-PA,AGAP012577-PA	-	36	0.004346 98	1	1315.713	1.29	Malpighian tubule	UNKN:-:37283221-37283183;UNKN:-:17207403-17207365	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA

JHU_Ag_67122	SFSFYSNGVYYEPECK	AGAP012900-PA,AGAP012577-PA	C15(Carbamidomethyl)	111	4.44E-11	2	1976.841	1.76	Head	UNKN:-:37283182-37283135;UNKN:-:17207364-17207317	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_88646	HGPLSIAIDAGHK	AGAP012900-PA,AGAP012577-PA	-	62	1.12E-05	1	1315.712	-0.13	Male reproductive organs	UNKN:-:37283221-37283183;UNKN:-:17207403-17207365	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_90230	HGPLSIAIDAGHK	AGAP012900-PA,AGAP012577-PA	-	80	1.58E-07	1	1315.710	-1.06	Pupa	UNKN:-:37283221-37283183;UNKN:-:17207403-17207365	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_100224	SFSFYSNGVYYEPECK	AGAP012900-PA,AGAP012577-PA	N7(Deamidated), C15(Carbamidomethyl)	98	7.62E-10	2	1977.824	1.51	Pupa	UNKN:-:37283182-37283135;UNKN:-:17207364-17207317	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_104596	SFSFYSNGVYYEPECK	AGAP012900-PA,AGAP012577-PA	N7(Deamidated), C15(Carbamidomethyl),C15(Carbamidomethyl)	91	2.95E-09	2	1977.822	0.27	Midgut	UNKN:-:37283182-37283135;UNKN:-:17207364-17207317	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_108213	HGPLSIAIDAGHK	AGAP012900-PA,AGAP012577-PA	-	85	5.24E-08	1	1315.713	0.7	Head	UNKN:-:37283221-37283183;UNKN:-:17207403-17207365	exon=> In CDS Exon 1 of transcript AGAP012900-PA;exon=> In CDS Exon 4 of transcript AGAP012577-PA
JHU_Ag_926	XIEAAIVR	AGAP012905-PA	X1(Carbamidomethyl), X1(C)	45	0.000698972	2	931.508	5.73	Male reproductive organs	UNKN:+:37465676-37465699	exon=> In CDS Exon 1 of transcript AGAP012905-PA
JHU_Ag_825	RIAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	60	5.94E-06	2	1506.842	2.46	Ovary	UNKN:-:37563075-37563037;2R:+:12012247-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_6407	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	43	0.000752197	2	1135.606	2.71	Larva	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_7417	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	97	1.58E-09	1	1350.739	0.79	Salivary gland	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_13521	ADQKTVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M11(Oxidation)	98	2.15E-09	1	1577.829	5.29	Malpighian tubule	UNKN:-:37562895-37562851;2R:+:12012427-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_13912	VPEHIDDRYFR	AGAP012906-PA,AGAP001911-PA	-	62	1.07E-05	1	1446.710	-1.48	Ovary	UNKN:-:37563015-37562983;2R:+:12012307-12012339	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_16978	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	110	6.99E-11	2	1350.743	4.31	Head	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA

JHU_Ag_18555	GVKVPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	44	0.000501968	1	1264.664	0	Pupa	UNKN:-:37563024-37562992;2R:+:12012298-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_20607	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	98	2.79E-09	2	1135.602	-0.41	Ovary	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_21880	VPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	44	0.000582393	2	980.483	3.7	Salivary gland	UNKN:-:37563015-37562992;2R:+:12012307-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_22232	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	103	3.46E-10	1	1350.744	5.04	Male reproductive organs	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_22285	GVKVPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	38	0.002218732	1	1264.667	2.02	Male reproductive organs	UNKN:-:37563024-37562992;2R:+:12012298-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_24020	EFKYVPTEQR	AGAP012906-PA,AGAP001911-PA	-	51	0.00010095	1	1296.661	1.92	Malpighian tubule	UNKN:-:37562928-37562899;2R:+:12012394-12012423	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_31187	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	57	3.12E-05	2	1135.604	1.31	Pupa	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_31482	YVPTEQRK	AGAP012906-PA,AGAP001911-PA	-	53	7.93E-05	1	1020.546	-1.09	Salivary gland	UNKN:-:37562919-37562896;2R:+:12012403-12012426	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_31493	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	78	2.47E-07	2	1135.606	2.6	Malpighian tubule	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_36935	YVPTEQRK	AGAP012906-PA,AGAP001911-PA	-	53	7.61E-05	1	1020.549	1.66	Malpighian tubule	UNKN:-:37562919-37562896;2R:+:12012403-12012426	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_38871	VPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	55	5.86E-05	2	980.479	-0.72	Midgut	UNKN:-:37563015-37562992;2R:+:12012307-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_44911	GVKVPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	49	0.000175073	1	1264.665	0.44	Visceras	UNKN:-:37563024-37562992;2R:+:12012298-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_44974	TNMFPHR	AGAP012906-PA,AGAP001911-PA	M3(Oxidation)	43	0.000491435	2	918.424	-1.45	Male reproductive organs	UNKN:-:37562793-37562773;2R:+:12012529-12012549	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_46767	RIAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	43	0.000270927	2	1506.840	0.92	Visceras	UNKN:-:37563075-37563037;2R:+:12012247-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA

JHU_Ag_49114	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	94	4.76E-09	2	1119.608	-0.16	Midgut	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_49699	AHPEGKLIQR	AGAP012906-PA,AGAP001911-PA	-	58	1.12E-05	1	1148.657	3.04	Malpighian tubule	UNKN:-:37562850-37562821;2R:+:12012472-12012501	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_51551	RIAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	40	0.000581936	2	1506.843	3.11	Malpighian tubule	UNKN:-:37563075-37563037;2R:+:12012247-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_51879	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	81	1.18E-07	1	1135.600	-2.13	Male reproductive organs	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_54256	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	114	2.61E-11	2	1350.743	3.68	Larva	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_57069	RIAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	52	3.52E-05	2	1506.840	1.08	Larva	UNKN:-:37563075-37563037;2R:+:12012247-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_57745	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	72	8.38E-07	2	1119.614	5.07	Head	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_57903	VPEHIDDRYFR	AGAP012906-PA,AGAP001911-PA	-	45	0.000522711	1	1446.712	-0.55	Salivary gland	UNKN:-:37563015-37562983;2R:+:12012307-12012339	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_60596	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	115	2.43E-11	2	1350.738	-0.03	Midgut	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_60706	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	116	1.76E-11	2	1350.739	0.97	Ovary	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_62222	IAQNYVIATTTRVNLR	AGAP012906-PA,AGAP001911-PA	-	71	2.56E-07	1	1833.039	2.72	Malpighian tubule	UNKN:-:37563072-37563025;2R:+:12012250-12012297	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_63766	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	103	3.48E-10	1	1350.742	3.41	Malpighian tubule	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_64839	TVDTAVMAAIKAHPEGK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	42	0.000690482	1	1754.916	3.14	Malpighian tubule	UNKN:-:37562883-37562833;2R:+:12012439-12012489	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_65125	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	99	8.64E-10	2	1350.737	-0.39	Visceras	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA

JHU_Ag_66522	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	71	9.27E-07	1	1119.609	1.04	Salivary gland	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_67121	TNMFPHR	AGAP012906-PA,AGAP001911-PA	M3(Oxidation)	38	0.001684449	2	918.427	1.94	Malpighian tubule	UNKN:-:37562793-37562773;2R:+:12012529-12012549	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_75212	GVKVPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	36	0.003091041	2	1264.667	1.82	Larva	UNKN:-:37563024-37562992;2R:+:12012298-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_77739	VPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	54	6.63E-05	2	980.482	2.33	Larva	UNKN:-:37563015-37562992;2R:+:12012307-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_78014	TNMFPHR	AGAP012906-PA,AGAP001911-PA	M3(Oxidation)	46	0.000324682	2	918.426	1.14	Ovary	UNKN:-:37562793-37562773;2R:+:12012529-12012549	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_78597	SMFSLR	AGAP012906-PA,AGAP001911-PA	-	31	0.004454053	1	740.378	2.9	Malpighian tubule	UNKN:-:37562811-37562794;2R:+:12012511-12012528	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_84576	VPEHIDDRYFR	AGAP012906-PA,AGAP001911-PA	-	33	0.007671024	1	1446.718	3.57	Midgut	UNKN:-:37563015-37562983;2R:+:12012307-12012339	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_88116	VPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	66	3.95E-06	2	980.481	1.21	Male reproductive organs	UNKN:-:37563015-37562992;2R:+:12012307-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_88913	IAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	93	3.31E-09	2	1350.738	0.06	Pupa	UNKN:-:37563072-37563037;2R:+:12012250-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_90508	VPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	53	7.66E-05	2	980.479	-0.9	Visceras	UNKN:-:37563015-37562992;2R:+:12012307-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_92057	VPEHIDDRYFR	AGAP012906-PA,AGAP001911-PA	-	38	0.00261271	1	1446.715	1.74	Male reproductive organs	UNKN:-:37563015-37562983;2R:+:12012307-12012339	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_92225	TVDTAVMAAIK	AGAP012906-PA,AGAP001911-PA	M7(Oxidation)	96	2.83E-09	2	1119.608	0.17	Visceras	UNKN:-:37562883-37562851;2R:+:12012439-12012471	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_100573	VPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	55	5.31E-05	1	980.475	-4.58	Head	UNKN:-:37563015-37562992;2R:+:12012307-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_101718	RIAQNYVIATTTR	AGAP012906-PA,AGAP001911-PA	-	39	0.000797765	1	1506.843	2.86	Male reproductive organs	UNKN:-:37563075-37563037;2R:+:12012247-12012285	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA

JHU_Ag_116775	GVKVPEHIDDR	AGAP012906-PA,AGAP001911-PA	-	46	0.000330589	1	1264.664	-0.72	Midgut	UNKN:-:37563024-37562992;2R:+:12012298-12012330	exon=> In CDS Exon 1 of transcript AGAP012906-PA;exon=> In CDS Exon 1 of transcript AGAP001911-PA
JHU_Ag_31132	LEVCHLSPELHSIEEDGAGDR	AGAP012907-PA,AGAP012066-PA	C4(Carbamidomethyl)	157	2.32E-15	1	2363.083	-4.53	Head	UNKN:+:37672489-37672551;3L:+:37335208-37335270	exon=> In CDS Exon 2 of transcript AGAP012907-PA;exon=> In CDS Exon 3 of transcript AGAP012066-PA
JHU_Ag_60165	NPWGTGIEWNGR	AGAP012907-PA,AGAP012066-PA	-	57	2.64E-05	2	1386.656	0.59	Salivary gland	UNKN:+:37672327-37672362;3L:+:37335046-37335081	exon=> In CDS Exon 2 of transcript AGAP012907-PA;exon=> In CDS Exon 3 of transcript AGAP012066-PA
JHU_Ag_114440	ITACPFNNAHHIPEQELK	AGAP012911-PA	C4(Carbamidomethyl)	44	0.000641666	1	2119.049	4.88	Ovary	UNKN:+:37986060-37986113	exon=> In CDS Exon 1 of transcript AGAP012911-PA
JHU_Ag_99986	AVFDIYESLAGHTIEDAIK	AGAP012930-PA	-	95	5.20E-09	1	2092.064	1.83	Pupa	UNKN:+:40397614-40397670	exon=> In CDS Exon 1 of transcript AGAP012930-PA
JHU_Ag_105976	AVFDIYESLAGHTIEDAIKR	AGAP012930-PA	-	151	1.13E-14	1	2248.160	-0.6	Midgut	UNKN:+:40397614-40397673	exon=> In CDS Exon 1 of transcript AGAP012930-PA
JHU_Ag_1087	FADTIELLDYQTQPDEQR	AGAP012938-PA,AGAP003139-PA	-	95	4.51E-09	2	2182.035	2.41	Pupa	UNKN:-:41202205-41202152;2R:-:33149841-33149788	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_1302	FSESNAVGFSSADK	AGAP012938-PA,AGAP003139-PA	-	77	1.90E-07	2	1445.655	0.65	Head	UNKN:-:41202295-41202254;2R:-:33149931-33149890	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_3138	EIFYVSADQQK	AGAP012938-PA,AGAP003139-PA	-	51	0.00010137	1	1327.654	0.81	Pupa	UNKN:-:41201918-41201886;2R:-:33149549-33149517	exon=> In CDS Exon 2 of transcript AGAP012938-PA;exon=> In CDS Exon 2 of transcript AGAP003139-PA
JHU_Ag_5069	TTVYEAYDTAR	AGAP012938-PA,AGAP003139-PA	-	82	6.54E-08	1	1289.601	-0.26	Pupa	UNKN:-:41202346-41202314;2R:-:33149982-33149950	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_9811	DLLEPGAITR	AGAP012938-PA,AGAP003139-PA	-	40	0.000893236	2	1084.598	-1.56	Head	UNKN:-:41202103-41202074;2R:-:33149739-33149710	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_10998	AAETNKEIFYVSADQQK	AGAP012938-PA,AGAP003139-PA	-	90	1.52E-08	1	1941.955	-0.35	Male reproductive organs	UNKN:-:41201936-41201886;2R:-:33149567-33149517	exon=> In CDS Exon 2 of transcript AGAP012938-PA;exon=> In CDS Exon 2 of transcript AGAP003139-PA
JHU_Ag_12111	GQIKDLLEPGAITR	AGAP012938-PA,AGAP003139-PA	-	61	3.23E-06	1	1510.861	1.59	Pupa	UNKN:-:41202115-41202074;2R:-:33149751-33149710	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA

JHU_Ag_18740	QIPVSTCVQQK	AGAP012938-PA,AGAP003139-PA	C7(Carbamidomethyl)	42	0.001222358	1	1287.673	0.14	Pupa	UNKN:-:41202238-41202206;2R:-:33149874-33149842	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_20211	GQIKDLLEPGAITR	AGAP012938-PA,AGAP003139-PA	-	67	9.62E-07	1	1510.860	0.7	Male reproductive organs	UNKN:-:41202115-41202074;2R:-:33149751-33149710	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_39023	EIFYVSADQQK	AGAP012938-PA,AGAP003139-PA	-	53	6.71E-05	2	1327.653	-0.11	Male reproductive organs	UNKN:-:41201918-41201886;2R:-:33149549-33149517	exon=> In CDS Exon 2 of transcript AGAP012938-PA;exon=> In CDS Exon 2 of transcript AGAP003139-PA
JHU_Ag_41370	EIFYVSADQQK	AGAP012938-PA,AGAP003139-PA	-	45	0.000380987	2	1327.653	-0.29	Salivary gland	UNKN:-:41201918-41201886;2R:-:33149549-33149517	exon=> In CDS Exon 2 of transcript AGAP012938-PA;exon=> In CDS Exon 2 of transcript AGAP003139-PA
JHU_Ag_41867	LAAETDILHEVVNEGISR	AGAP012938-PA,AGAP003139-PA	-	149	1.28E-14	1	1966.023	-0.31	Male reproductive organs	UNKN:-:41201573-41201520;2R:-:33149216-33149163	exon=> In CDS Exon 3 of transcript AGAP012938-PA;exon=> In CDS Exon 3 of transcript AGAP003139-PA
JHU_Ag_45789	FSESNAVGFSSADKLFFGR	AGAP012938-PA,AGAP003139-PA	-	74	6.50E-07	1	2066.001	1.31	Head	UNKN:-:41202295-41202239;2R:-:33149931-33149875	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_46069	LAAETDILHEVVNEGISR	AGAP012938-PA,AGAP003139-PA	-	165	3.11E-16	1	1966.031	3.35	Malpighian tubule	UNKN:-:41201573-41201520;2R:-:33149216-33149163	exon=> In CDS Exon 3 of transcript AGAP012938-PA;exon=> In CDS Exon 3 of transcript AGAP003139-PA
JHU_Ag_46468	AAETNKEIFYVSADQQK	AGAP012938-PA,AGAP003139-PA	-	48	0.00025019	1	1941.953	-1.18	Salivary gland	UNKN:-:41201936-41201886;2R:-:33149567-33149517	exon=> In CDS Exon 2 of transcript AGAP012938-PA;exon=> In CDS Exon 2 of transcript AGAP003139-PA
JHU_Ag_47962	LAAETDILHEVVNEGISR	AGAP012938-PA,AGAP003139-PA	-	134	4.06E-13	1	1966.025	0.5	Pupa	UNKN:-:41201573-41201520;2R:-:33149216-33149163	exon=> In CDS Exon 3 of transcript AGAP012938-PA;exon=> In CDS Exon 3 of transcript AGAP003139-PA
JHU_Ag_49796	FADTIELLDYQTQPDEQRAYINR	AGAP012938-PA,AGAP003139-PA	-	136	3.65E-13	1	2799.372	4.9	Malpighian tubule	UNKN:-:41202205-41202137;2R:-:33149841-33149773	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_53476	DLLEPGAITR	AGAP012938-PA,AGAP003139-PA	-	35	0.002656088	1	1084.601	0.92	Pupa	UNKN:-:41202103-41202074;2R:-:33149739-33149710	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA

JHU_Ag_53836	TSLNLQWADSK	AGAP012938-PA,AGAP003139-PA	-	67	3.50E-06	2	1262.641	2.54	Malpighian tubule	UNKN:-:41202379-41202347;2R:-:33150015-33149983	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_54759	QIPVSTCVQQK	AGAP012938-PA,AGAP003139-PA	C7(Carbamidomethyl)	64	7.50E-06	1	1287.672	-0.43	Malpighian tubule	UNKN:-:41202238-41202206;2R:-:33149874-33149842	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_64482	FVDMMHVEGTFSHAANEK	AGAP012938-PA,AGAP003139-PA	M4(Oxidation), M5(Oxidation)	62	3.33E-06	1	2081.899	-3.33	Head	UNKN:-:41201885-41201960,41201391-41201739;2R:-:33149516-33149591,33149039-33149382	exon=> In CDS Exon 3 and 2 of transcript AGAP012938-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP003139-PA
JHU_Ag_65618	FSESNAVGFSSADK	AGAP012938-PA,AGAP003139-PA	-	41	0.000653193	1	1445.652	-1.88	Male reproductive organs	UNKN:-:41202295-41202254;2R:-:33149931-33149890	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_69988	FADTIELLDYQTQPDEQR	AGAP012938-PA,AGAP003139-PA	-	78	2.31E-07	1	2182.029	-0.28	Malpighian tubule	UNKN:-:41202205-41202152;2R:-:33149841-33149788	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_70573	TTVYEAYDTAR	AGAP012938-PA,AGAP003139-PA	-	66	3.29E-06	2	1289.605	2.86	Male reproductive organs	UNKN:-:41202346-41202314;2R:-:33149982-33149950	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_80387	TSLNLQWADSK	AGAP012938-PA,AGAP003139-PA	-	79	2.28E-07	2	1262.637	-0.17	Pupa	UNKN:-:41202379-41202347;2R:-:33150015-33149983	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_81466	FADTIELLDYQTQPDEQR	AGAP012938-PA,AGAP003139-PA	-	86	3.20E-08	1	2182.025	-2.29	Male reproductive organs	UNKN:-:41202205-41202152;2R:-:33149841-33149788	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_85486	FADTIELLDYQTQPDEQR	AGAP012938-PA,AGAP003139-PA	-	102	8.72E-10	2	2182.032	0.84	Head	UNKN:-:41202205-41202152;2R:-:33149841-33149788	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_85564	TVGMKPVLER	AGAP012938-PA,AGAP003139-PA	M4(Oxidation)	37	0.002801037	1	1145.636	1.42	Pupa	UNKN:-:41201480-41201451;2R:-:33149123-33149094	exon=> In CDS Exon 3 of transcript AGAP012938-PA;exon=> In CDS Exon 3 of transcript AGAP003139-PA

JHU_Ag_85889	FSESNAVGFSSADK	AGAP012938-PA,AGAP003139-PA	-	99	1.27E-09	1	1445.656	0.9	Pupa	UNKN:-:41202295-41202254;2R:-:33149931-33149890	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_88893	LAAETDILHEVVNEGISR	AGAP012938-PA,AGAP003139-PA	-	158	1.69E-15	1	1966.025	0.25	Head	UNKN:-:41201573-41201520;2R:-:33149216-33149163	exon=> In CDS Exon 3 of transcript AGAP012938-PA;exon=> In CDS Exon 3 of transcript AGAP003139-PA
JHU_Ag_89344	TTVYEAYDTAR	AGAP012938-PA,AGAP003139-PA	-	34	0.004172821	1	1289.598	-2.16	Head	UNKN:-:41202346-41202314;2R:-:33149982-33149950	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_90749	LAAETDILHEVVNEGISR	AGAP012938-PA,AGAP003139-PA	-	105	3.17E-10	1	1966.024	-0.19	Salivary gland	UNKN:-:41201573-41201520;2R:-:33149216-33149163	exon=> In CDS Exon 3 of transcript AGAP012938-PA;exon=> In CDS Exon 3 of transcript AGAP003139-PA
JHU_Ag_91136	LAVANAAYFK	AGAP012938-PA,AGAP003139-PA	-	67	1.44E-06	1	1067.589	0.43	Pupa	UNKN:-:41202064-41202035;2R:-:33149700-33149671	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_91497	LAVANAAYFK	AGAP012938-PA,AGAP003139-PA	-	56	1.48E-05	1	1067.592	2.95	Male reproductive organs	UNKN:-:41202064-41202035;2R:-:33149700-33149671	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_98061	TSLNLQWADSK	AGAP012938-PA,AGAP003139-PA	-	66	5.03E-06	2	1262.636	-1.23	Head	UNKN:-:41202379-41202347;2R:-:33150015-33149983	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_101120	AAETNKEIFYVSADQQK	AGAP012938-PA,AGAP003139-PA	-	70	1.59E-06	1	1941.958	1.18	Malpighian tubule	UNKN:-:41201936-41201886;2R:-:33149567-33149517	exon=> In CDS Exon 2 of transcript AGAP012938-PA;exon=> In CDS Exon 2 of transcript AGAP003139-PA
JHU_Ag_106696	TSLNLQWADSK	AGAP012938-PA,AGAP003139-PA	-	72	1.29E-06	2	1262.637	-0.36	Male reproductive organs	UNKN:-:41202379-41202347;2R:-:33150015-33149983	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_107767	TTVYEAYDTAR	AGAP012938-PA,AGAP003139-PA	-	59	1.22E-05	1	1289.600	-0.83	Salivary gland	UNKN:-:41202346-41202314;2R:-:33149982-33149950	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA
JHU_Ag_112167	FSESNAVGFSSADKLFFGR	AGAP012938-PA,AGAP003139-PA	-	72	1.12E-06	1	2066.004	2.99	Malpighian tubule	UNKN:-:41202295-41202239;2R:-:33149931-33149875	exon=> In CDS Exon 1 of transcript AGAP012938-PA;exon=> In CDS Exon 1 of transcript AGAP003139-PA

JHU_Ag_34478	ELLQLLTSVSR	AGAP012945-PA,AGAP004920-PA,AGAP011952-PA	-	79	6.28E-08	2	1258.737	0.22	Midgut	UNKN:-:42360616-42360584;2L:+:6047797-6047829;3L:+:3551 0541-35510573	exon=> In CDS Exon 2 of transcript AGAP012945-PA;exon=> In CDS Exon 2 of transcript AGAP004920-PA;exon=> In CDS Exon 2 of transcript AGAP011952-PA
JHU_Ag_47027	YGEFPHHALLGFSK	AGAP012946-PA	-	87	3.06E-08	1	1602.806	-0.01	Pupa	2R:+:40693345-40693386	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_56627	VNLDEFPVSDCER	AGAP012946-PA	C11(Carbamidomethyl)	44	0.000394094	2	1579.717	7.24	Larva	2R:+:40693765-40693803	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_70654	SYDDIALVK	AGAP012946-PA	-	46	0.000317617	2	1023.536	0.19	Pupa	2R:+:40693594-40693620	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_71611	DTCQGDSGGPLQVVTNTK	AGAP012946-PA	C3(Carbamidomethyl)	126	3.30E-12	2	1876.871	0.41	Pupa	2R:+:40693882-40693935	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_83952	VNLDEFPVSDCER	AGAP012946-PA	C11(Carbamidomethyl)	77	1.86E-07	1	1579.707	0.67	Pupa	2R:+:40693765-40693803	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_87625	LKHPIVLSK	AGAP012946-PA	-	20	0.003357902	1	1034.671	-0.9	Pupa	2R:+:40693621-40693647	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_92568	VGEYDTELETDDEYDSDIASIR	AGAP012946-PA	-	129	8.87E-13	2	2535.091	0.49	Pupa	2R:+:40693501-40693566	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_99673	RHPNYSNLR	AGAP012946-PA	-	48	0.000128129	1	1156.597	-0.1	Pupa	2R:+:40693567-40693593	exon=> In CDS Exon 3 of transcript AGAP012946-PA
JHU_Ag_35545	DGQLCVGSIVEGR	AGAP012946-PA,AGAP003627-PA	C5(Carbamidomethyl)	100	1.52E-09	1	1389.679	-0.2	Pupa	2R:+:40693843-40693881;2R:+:40696229-40696267	exon=> In CDS Exon 3 of transcript AGAP012946-PA;exon=> In CDS Exon 2 of transcript AGAP003627-PA
JHU_Ag_99141	DGQLCVGSIVEGR	AGAP012946-PA,AGAP003627-PA	C5(Carbamidomethyl)	35	0.003898753	2	1389.662	-12.5	Midgut	2R:+:40693843-40693881;2R:+:40696229-40696267	exon=> In CDS Exon 3 of transcript AGAP012946-PA;exon=> In CDS Exon 2 of transcript AGAP003627-PA
JHU_Ag_43	LVTATPLLGNSALLTQYPPPPITKPSNVVSK	AGAP012952-PA	-	114	3.84E-12	1	3216.837	3.97	Malpighian tubule	2R:+:52983652-52983744	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_2985	TVVPPRTQLLQHGVFPEPGR	AGAP012952-PA	-	67	8.26E-07	1	2228.238	3.73	Malpighian tubule	2R:+:52984255-52984314	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_3556	LVTATPLLGNSALLTQYPPPPITKPSNVVSKQEETVASAGDVSNIPSNVVR	AGAP012952-PA	-	44	2.31E-05	1	5269.856	4.61	Malpighian tubule	2R:+:52983652-52983804	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_5400	NGNVPATTVANEVAMTK	AGAP012952-PA	M15(Oxidation),"N1(Deamidated),M15(Oxidation)","N3(Deamidated),M15(Oxidation)"	75	5.45E-07	2	1732.864	5.94	Malpighian tubule	2R:+:52983883-52983933	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_6676	MASQLRPPAANPVPK	AGAP012952-PA	M1(Oxidation)	93	3.73E-09	1	1592.863	3.26	Ovary	2R:+:52984867-52984911	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_7155	ISYVANDR	AGAP012952-PA	-	46	0.000388474	2	937.476	2.21	Ovary	2R:+:52984324-52984347	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_9141	ISTDVQQPR	AGAP012952-PA	-	50	0.000135273	2	1043.551	2.91	Ovary	2R:+:52983856-52983882	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_9205	HLFAVESIVENPEFLLQAINGDESNVDMLPGMAIR	AGAP012952-PA	M28(Oxidation),M32(Oxidation)	193	4.69E-19	1	3900.936	5.42	Ovary	2R:+:52985391-52985421,52985503-52985576	exon=> In CDS Exon 3 and 4 of transcript AGAP012952-PA
JHU_Ag_15520	LMNNPLAALKANQAAQPVANGAIPK	AGAP012952-PA	M2(Oxidation),"M2(Oxidation),N20(Deamidated)","M2(Oxidation),Q16(Deamidated)"	80	4.71E-08	1	2532.373	5.03	Malpighian tubule	2R:+:52984018-52984092	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_17247	TLKNPLQALK	AGAP012952-PA	-	61	1.19E-06	1	1125.703	3.09	Malpighian tubule	2R:+:52984177-52984206	exon=> In CDS Exon 2 of transcript AGAP012952-PA

JHU_Ag_17926	GAELMITHALHAFNENK	AGAP012952-PA	M5(Oxidation)	77	2.61E-07	1	1911.945	3.62	Ovary	2R:+:52985076-52985126	exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_22281	AAAVDFKDGK	AGAP012952-PA	-	42	0.001302203	2	1021.531	-0.59	Ovary	2R:+:52985271-52985300	exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_22852	AAAVDFKDGK	AGAP012952-PA	-	51	0.000145116	1	1021.534	2.64	Malpighian tubule	2R:+:52985271-52985300	exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_23026	GGSPPVETVAQEEK	AGAP012952-PA	-	82	9.02E-08	1	1427.707	3.76	Ovary	2R:+:52984123-52984164	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_25700	TSQPAGSAAIEKPVLK	AGAP012952-PA	-	93	2.40E-09	1	1596.901	3.16	Ovary	2R:+:52984207-52984254	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_26957	SNYTAFEK	AGAP012952-PA	-	36	0.001707379	2	959.450	3.03	Ovary	2R:+:52985145-52985168	exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_31392	ADVHHTNDEEIGDTIHLNVVAFEK	AGAP012952-PA	-	141	1.27E-13	1	2703.313	4.26	Malpighian tubule	2R:+:52985577-52985648	exon=> In CDS Exon 4 of transcript AGAP012952-PA
JHU_Ag_37082	ENQPPAAGPISNGEK	AGAP012952-PA	-	49	0.00026052	2	1508.738	2.92	Ovary	2R:+:52983961-52984005	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_38456	ISYVANDRLFVYDCGPGPNGEPNSFQSLIVR	AGAP012952-PA	C14(Carbamidomethyl),"C14(Carbamidomethyl), N19(Deamidated)"	62	6.20E-06	3	3484.712	4.62	Malpighian tubule	2R:+:52984324-52984416	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_39986	LLAMQDPAASSNIQK	AGAP012952-PA	M4(Oxidation)	97	2.79E-09	1	1602.821	3.54	Ovary	2R:+:52984819-52984863	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_41326	QQEKIPEPVMNVVATPR	AGAP012952-PA	M10(Oxidation)	67	1.68E-06	1	1952.033	3.22	Malpighian tubule	2R:+:52983805-52983855	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_43637	LFVYDCGPGPNGEPNSFQSLIVR	AGAP012952-PA	C6(Carbamidomethyl)	53	7.48E-05	2	2566.244	1.88	Ovary	2R:+:52984348-52984416	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_44570	SNYTAFEK	AGAP012952-PA	-	43	0.000320739	2	959.451	3.85	Malpighian tubule	2R:+:52985145-52985168	exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_45109	IKYAHTVTHPVWIDNVK	AGAP012952-PA	-	107	1.21E-10	1	2021.105	3.87	Malpighian tubule	2R:+:52984621-52984671	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_48919	QEETVASAGDVSNIPSNVVR	AGAP012952-PA	Q1(Deamidated)	130	1.75E-12	1	2072.031	2.54	Ovary	2R:+:52983745-52983804	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_50200	LLAMQDPAASSNIQK	AGAP012952-PA	M4(Oxidation)	86	3.86E-08	1	1602.820	2.62	Malpighian tubule	2R:+:52984819-52984863	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_52409	TQLLQHGVFPEPGR	AGAP012952-PA	-	67	2.07E-06	1	1578.848	5.58	Malpighian tubule	2R:+:52984273-52984314	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_62253	AVQFYLLDLPAFTDEDIDAPVR	AGAP012952-PA	-	152	7.85E-15	1	2508.274	3.26	Ovary	2R:+:52985301-52985366	exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_62943	LMNNPLAALK	AGAP012952-PA	M2(Oxidation)	54	6.16E-05	2	1100.619	5.01	Ovary	2R:+:52984018-52984047	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_65576	TQLLQHGVFPEPGR	AGAP012952-PA	-	86	3.12E-08	1	1578.845	4.03	Ovary	2R:+:52984273-52984314	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_67867	ISTDVQQPRNGNVPATTVANEVAMTK	AGAP012952-PA	N10(Deamidated), M24(Oxidation),N12(Deamidated),"N12(Deamidated), M24(Oxidation)",N10(Deamidated)	92	8.13E-09	1	2758.385	6.39	Malpighian tubule	2R:+:52983856-52983933	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_72934	HSLQQYVLSEK	AGAP012952-PA	Q4(Deamidated)	89	1.93E-08	1	1331.701	3.9	Ovary	2R:+:52984786-52984818	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_73727	AVQFYLLDLPAFTDEDIDAPVRR	AGAP012952-PA	-	77	2.01E-07	1	2664.380	5.02	Ovary	2R:+:52985301-52985369	exon=> In CDS Exon 3 of transcript AGAP012952-PA
JHU_Ag_74107	ATNNPFVTQK	AGAP012952-PA	-	72	9.95E-07	1	1119.583	3.32	Ovary	2R:+:52984093-52984122	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_75752	ANQAAQPVANGAIPK	AGAP012952-PA	N10(Deamidated)	64	3.62E-06	2	1449.784	1.85	Ovary	2R:+:52984048-52984092	exon=> In CDS Exon 2 of transcript AGAP012952-PA

JHU_Ag_79352	TSQPAGSAAIEKPVLK	AGAP012952-PA	-	115	1.84E-11	1	1596.901	3.24	Malpighian tubule	2R:+:52984207-52984254	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_82087	LVTATPLLGNSALLTQYPPPPITKPSNVVSK	AGAP012952-PA	-	137	1.96E-14	1	3216.837	3.97	Ovary	2R:+:52983652-52983744	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_82549	MASQLRPPAANPVPK	AGAP012952-PA	M1(Oxidation)	44	0.000286992	1	1592.863	3.03	Malpighian tubule	2R:+:52984867-52984911	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_87382	SLSNMQIQKENQPPAAGPISNGEK	AGAP012952-PA	M5(Oxidation)	44	0.000498475	1	2554.265	3.26	Malpighian tubule	2R:+:52983934-52984005	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_88409	ISTDVQQPR	AGAP012952-PA	-	61	9.21E-06	2	1043.550	2.2	Malpighian tubule	2R:+:52983856-52983882	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_89118	LVVTNPTTYKPVTIMELVETNICESK	AGAP012952-PA	M15(Oxidation), C23(Carbamidomethyl)	70	9.14E-07	1	2995.551	4.9	Ovary	2R:+:52984912-52984959,52985046-52985075	exon=> In CDS Exon 2 and 3 of transcript AGAP012952-PA
JHU_Ag_91057	YAHTVTHPVWIDNVK	AGAP012952-PA	-	85	3.58E-08	1	1779.929	6.2	Ovary	2R:+:52984627-52984671	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_91690	GGSPPVETVAQEEK	AGAP012952-PA	-	52	8.74E-05	2	1427.706	3.16	Malpighian tubule	2R:+:52984123-52984164	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_91883	IPEPVMNVVATPR	AGAP012952-PA	M6(Oxidation)	74	3.08E-07	1	1422.784	4.78	Malpighian tubule	2R:+:52983817-52983855	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_97321	QEETVASAGDVSNIPSNVVR	AGAP012952-PA	-	83	7.96E-08	2	2072.033	3.83	Malpighian tubule	2R:+:52983745-52983804	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_98405	YAHTVTHPVWIDNVK	AGAP012952-PA	-	73	6.18E-07	2	1779.923	2.83	Malpighian tubule	2R:+:52984627-52984671	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_98962	HSLQQYVLSEK	AGAP012952-PA	-	67	3.24E-06	2	1331.700	3.62	Malpighian tubule	2R:+:52984786-52984818	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_102843	ADVHHTNDEEIGDTIHLNVVAFEK	AGAP012952-PA	-	130	1.43E-12	1	2703.317	5.75	Ovary	2R:+:52985577-52985648	exon=> In CDS Exon 4 of transcript AGAP012952-PA
JHU_Ag_109078	ATNNPFVTQK	AGAP012952-PA	-	67	3.40E-06	1	1119.583	3.1	Malpighian tubule	2R:+:52984093-52984122	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_112152	LVVTNPTTYKPVTIMELVETNICESK	AGAP012952-PA	M15(Oxidation), C23(Carbamidomethyl)	51	6.35E-05	1	2995.547	3.31	Malpighian tubule	2R:+:52984912-52984959,52985046-52985075	exon=> In CDS Exon 2 and 3 of transcript AGAP012952-PA
JHU_Ag_112447	ANQAAQPVANGAIPK	AGAP012952-PA	N10(Deamidated)	78	1.39E-07	2	1449.785	3.12	Malpighian tubule	2R:+:52984048-52984092	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_112552	NGNVPATTVANEVAMTK	AGAP012952-PA	N3(Deamidated), M15(Oxidation),"N1(Deamidated), M15(Oxidation)"	74	6.39E-07	1	1733.843	3.4	Ovary	2R:+:52983883-52983933	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_113121	IPEPVMNVVATPR	AGAP012952-PA	M6(Oxidation)	88	1.60E-08	1	1438.776	2.66	Ovary	2R:+:52983817-52983855	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_115626	SVQDGIAEVFFPDFGNWLK	AGAP012952-PA	-	100	1.41E-09	1	2169.074	3.82	Ovary	2R:+:52984525-52984581	exon=> In CDS Exon 2 of transcript AGAP012952-PA
JHU_Ag_7427	DVSGDIVLITGAGHGMGK	AGAP012953-PA	M16(Oxidation)	102	1.10E-09	1	1742.873	-0.53	Midgut	X:-:5011543-5011490	exon=> In CDS Exon 2 of transcript AGAP012953-PA
JHU_Ag_12567	GIMEALSEELRADPAKPNVK	AGAP012953-PA	M3(Oxidation)	62	6.95E-06	1	2184.133	0.2	Midgut	X:-:5010886-5010827	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_17089	GIMEALSEELR	AGAP012953-PA	M3(Oxidation)	80	1.95E-07	2	1247.630	-0.32	Midgut	X:-:5010886-5010854	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_17411	GIMEALSEELR	AGAP012953-PA	-	54	7.49E-05	2	1247.631	0.95	Pupa	X:-:5010886-5010854	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_36610	MVKPDDAAAAIIDAQR	AGAP012953-PA	M1(Oxidation)	101	9.98E-10	2	1684.867	-1.21	Midgut	X:-:5010748-5010701	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_43473	FTTIYPYMVDTGLCK	AGAP012953-PA	M8(Oxidation), C14(Carbamidomethyl)	43	0.000637117	2	1824.862	4.04	Larva	X:-:5010826-5010782	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_57705	VGQEFGDLLDTGLQSDL	AGAP012953-PA	-	64	6.07E-06	2	1806.869	-3.8	Midgut	X:-:5010625-5010575	exon=> In CDS Exon 4 of transcript AGAP012953-PA

JHU_Ag_61289	AFGYTCDVTNR	AGAP012953-PA	C6(Carbamidomethyl)	72	3.74E-07	1	1303.573	-0.34	Midgut	X:-:5011381-5011679,5011103-5011262	exon=> In CDS Exon 3 and 2 of transcript AGAP012953-PA
JHU_Ag_70387	DVSGDIVLITGAGHGMGK	AGAP012953-PA	M16(Oxidation)	143	7.46E-14	1	1742.882	4.65	Larva	X:-:5011543-5011490	exon=> In CDS Exon 2 of transcript AGAP012953-PA
JHU_Ag_74436	TNQETVTAIK	AGAP012953-PA	-	49	0.000225319	2	1104.592	2.28	Larva	X:-:5011426-5011397	exon=> In CDS Exon 2 of transcript AGAP012953-PA
JHU_Ag_77941	GIMEALSEELR	AGAP012953-PA	M3(Oxidation)	40	0.001835526	2	1263.629	3.51	Larva	X:-:5010886-5010854	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_79214	TNQETVTAIK	AGAP012953-PA	-	51	0.000115838	2	1104.591	0.95	Midgut	X:-:5011426-5011397	exon=> In CDS Exon 2 of transcript AGAP012953-PA
JHU_Ag_86208	MVKPDDAAAAIIDAQR	AGAP012953-PA	M1(Oxidation)	106	4.23E-10	1	1700.872	4.8	Larva	X:-:5010748-5010701	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_100634	YLLYLNTWFR	AGAP012953-PA	-	54	5.88E-05	2	1388.738	1.3	Midgut	X:-:5010670-5010641	exon=> In CDS Exon 4 of transcript AGAP012953-PA
JHU_Ag_110052	EQVGIVSILINNAGIMPTHPLLQQTENEIR	AGAP012953-PA	M16(Oxidation)	122	2.37E-12	1	3343.791	6.8	Larva	X:-:5011228-5011139	exon=> In CDS Exon 3 of transcript AGAP012953-PA
JHU_Ag_35157	ILEQFVEIFDR	AGAP012957-PA	-	65	3.38E-06	2	1408.750	1.79	Head	2R:+:21059451-21059483	exon=> In CDS Exon 3 of transcript AGAP012957-PA
JHU_Ag_108266	ESAQSYISDAGTEGVR	AGAP012960-PA	-	70	1.41E-06	1	1669.773	4.21	Malpighian tubule	2R:+:17435399-17435446	exon=> In CDS Exon 1 of transcript AGAP012960-PA
JHU_Ag_116384	AALLPVPEPATLPSLTLTDQHCPTVVR	AGAP012960-PA	C22(Carbamidomethyl)	34	0.00157203	1	2896.572	4.17	Malpighian tubule	2R:+:17435195-17435275	exon=> In CDS Exon 1 of transcript AGAP012960-PA
JHU_Ag_2975	HSTEPTDVIVLEDLRER	AGAP012971-PA	-	35	0.004445691	1	2009.034	2.27	Malpighian tubule	2R:+:43078136-43078186	exon=> In CDS Exon 1 of transcript AGAP012971-PA
JHU_Ag_31340	FLGYTGTVPLLK	AGAP012971-PA	-	34	0.001524928	2	1308.757	0.48	Malpighian tubule	2R:+:43078904-43078939	exon=> In CDS Exon 3 of transcript AGAP012971-PA
JHU_Ag_61461	TSVHFGPR	AGAP012971-PA	-	40	0.000934914	1	900.471	2.59	Malpighian tubule	2R:+:43078103-43078126	exon=> In CDS Exon 1 of transcript AGAP012971-PA
JHU_Ag_63356	ATEAGDNYASILYR	AGAP012971-PA	-	79	1.56E-07	1	1543.747	5.33	Malpighian tubule	2R:+:43077872-43077913	exon=> In CDS Exon 1 of transcript AGAP012971-PA
JHU_Ag_113816	QIEYETDEAVLAR	AGAP012972-PA,AGAP013023-PA,AGAP013023-PB	-	38	0.002478107	1	1536.741	-8.4	Midgut	2R:+:50673710-50673748;2R:+:50680015-50680053;2R:+:50680015-50680053	exon=> In CDS Exon 4 of transcript AGAP012972-PA;exon=> In CDS Exon 3 of transcript AGAP013023-PA;exon=> In CDS Exon 3 of transcript AGAP013023-PB
JHU_Ag_33677	DSLVPAAEGAAPGMYLYFDR	AGAP012973-PA	M14(Oxidation)	46	0.000329506	1	2159.013	0.92	Malpighian tubule	X:+:2064832-2064891	exon=> In CDS Exon 1 of transcript AGAP012973-PA
JHU_Ag_113995	LLLTVYGDR	AGAP012973-PA	-	56	1.56E-05	2	1049.600	0.85	Malpighian tubule	X:+:2064904-2064930	exon=> In CDS Exon 1 of transcript AGAP012973-PA
JHU_Ag_54662	NHASLSLSDILPTHQK	AGAP012975-PA	-	79	1.50E-07	2	1760.934	2.76	Head	X:-:4335054-4335007	exon=> In CDS Exon 1 of transcript AGAP012975-PA
JHU_Ag_3735	YTGGFEMVDQAK	AGAP012981-PA,AGAP003200-PA	M7(Oxidation)	81	5.86E-08	2	1361.605	0.3	Male reproductive organs	2R:+:33781780-33781815;2R:+:33799751-33799786	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_10007	NTVQIVQSK	AGAP012981-PA,AGAP003200-PA	-	35	0.003916908	2	1016.573	-0.35	Malpighian tubule	2R:+:33781675-33781701;2R:+:33799646-33799672	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_19926	YTGGFEMVDQAK	AGAP012981-PA,AGAP003200-PA	M7(Oxidation)	78	1.46E-07	2	1345.613	2.69	Head	2R:+:33781780-33781815;2R:+:33799751-33799786	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_20714	SRHLQYLLAFSYWPQLQLR	AGAP012981-PA,AGAP003200-PA	-	31	0.004912392	1	2419.316	5.33	Malpighian tubule	2R:+:33781965-33782021;2R:+:33799922-33799978	exon=> In CDS Exon 4 of transcript AGAP012981-PA;exon=> In CDS Exon 4 of transcript AGAP003200-PA

JHU_Ag_25351	FDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	-	91	1.35E-08	1	2127.072	4.8	Malpighian tubule	2R:+:33781397-33781450;2R:+:33799353-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_25360	SPGWDECVAYTVPLIR	AGAP012981-PA,AGAP003200-PA	C7(Carbamidomethyl)	78	2.42E-07	1	1862.911	0.23	Midgut	2R:+:33782330-33782377;2R:+:33800289-33800336	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_25848	ILAPTEFSPTQ	AGAP012981-PA,AGAP003200-PA	-	40	0.001740 67	2	1203.627	1.34	Ovary	2R:+:33782393-33782425;2R:+:33800352-33800384	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_33147	LKPGTMIEWGNNWAR	AGAP012981-PA,AGAP003200-PA	M6(Oxidation)	53	8.51E-05	2	1788.889	2.43	Male reproductive organs	2R:+:33782058-33782102;2R:+:33800015-33800059	exon=> In CDS Exon 4 of transcript AGAP012981-PA;exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_35664	YLENYKNTVQIVQSK	AGAP012981-PA,AGAP003200-PA	-	108	1.74E-10	1	1826.975	5.63	Malpighian tubule	2R:+:33781451-33781464,33781671-33781701;2R:+:33799407-33799420,33799642-33799672	exon=> In CDS Exon 2 and 3 of transcript AGAP012981-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003200-PA
JHU_Ag_37433	ESAWRSPGWDECVAYTVPLIR	AGAP012981-PA,AGAP003200-PA	C12(Carbamidomethyl)	99	2.24E-09	1	2492.213	4.08	Malpighian tubule	2R:+:33782315-33782377;2R:+:33800274-33800336	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_38042	NTVQIVQSK	AGAP012981-PA,AGAP003200-PA	-	38	0.001857 562	2	1016.573	-0.83	Head	2R:+:33781675-33781701;2R:+:33799646-33799672	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_39128	LKPGTMIEWGNNWAR	AGAP012981-PA,AGAP003200-PA	M6(Oxidation)	57	3.66E-05	1	1788.888	1.48	Midgut	2R:+:33782058-33782102;2R:+:33800015-33800059	exon=> In CDS Exon 4 of transcript AGAP012981-PA;exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_40822	ILAPTEFSPTQ	AGAP012981-PA,AGAP003200-PA	-	39	0.002169 773	1	1203.630	4.04	Malpighian tubule	2R:+:33782393-33782425;2R:+:33800352-33800384	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_46712	YTGGFEMVDQAKR	AGAP012981-PA,AGAP003200-PA	-	85	4.10E-08	1	1501.714	2.06	Malpighian tubule	2R:+:33781780-33781818;2R:+:33799751-33799789	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_48276	FDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	-	82	1.12E-07	1	2127.068	2.93	Midgut	2R:+:33781397-33781450;2R:+:33799353-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_49263	NTVQIVQSK	AGAP012981-PA,AGAP003200-PA	-	64	4.92E-06	2	1016.573	-0.47	Midgut	2R:+:33781675-33781701;2R:+:33799646-33799672	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_49548	MLSDKFDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	M1(Oxidation)	105	4.59E-10	1	2717.335	-0.21	Ovary	2R:+:33781382-33781450;2R:+:33799338-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_57112	ILAPTEFSPTQ	AGAP012981-PA,AGAP003200-PA	-	42	0.001171 43	1	1203.628	2.01	Head	2R:+:33782393-33782425;2R:+:33800352-33800384	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_57190	MSLASLR	AGAP012981-PA,AGAP003200-PA	-	37	0.002986 208	1	777.426	-3.47	Midgut	2R:+:33780927-33780947;2R:+:33798881-33798901	exon=> In CDS Exon 1 of transcript AGAP012981-PA;exon=> In CDS Exon 1 of transcript AGAP003200-PA
JHU_Ag_58662	SPGWDECVAYTVPLIR	AGAP012981-PA,AGAP003200-PA	C7(Carbamidomethyl)	116	3.99E-11	1	1862.915	2.39	Visceras	2R:+:33782330-33782377;2R:+:33800289-33800336	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_60303	MLSDKFDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	M1(Oxidation)	98	2.77E-09	1	2717.333	-0.79	Head	2R:+:33781382-33781450;2R:+:33799338-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA

JHU_Ag_62138	ILAPTEFSPTQ	AGAP012981-PA,AGAP003200-PA	-	41	0.001547 21	1	1203.625	-0.12	Visceras	2R:+:33782393-33782425;2R:+:33800352-33800384	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_70493	YTGGFEMVDQAK	AGAP012981-PA,AGAP003200-PA	M7(Oxidation)	71	5.81E-07	1	1361.603	-1.14	Midgut	2R:+:33781780-33781815;2R:+:33799751-33799786	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_72825	YLENYK	AGAP012981-PA,AGAP003200-PA	-	39	0.000913 154	1	829.413	4.57	Male reproductive organs	2R:+:33781451-33781464,33781671-33781674;2R:+:33799407-33799420,33799642-33799645	exon=> In CDS Exon 2 and 3 of transcript AGAP012981-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP003200-PA
JHU_Ag_77179	SPGWDECVAYTVPLIR	AGAP012981-PA,AGAP003200-PA	C7(Carbamidomethyl)	90	1.76E-08	1	1862.913	1.15	Male reproductive organs	2R:+:33782330-33782377;2R:+:33800289-33800336	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_77743	LKPGTMIEWGNNWAR	AGAP012981-PA,AGAP003200-PA	M6(Oxidation)	47	0.000393 109	2	1788.886	0.59	Visceras	2R:+:33782058-33782102;2R:+:33800015-33800059	exon=> In CDS Exon 4 of transcript AGAP012981-PA;exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_84176	LKPGTMIEWGNNWAR	AGAP012981-PA,AGAP003200-PA	M6(Oxidation)	66	4.54E-06	2	1788.893	4.21	Malpighian tubule	2R:+:33782058-33782102;2R:+:33800015-33800059	exon=> In CDS Exon 4 of transcript AGAP012981-PA;exon=> In CDS Exon 4 of transcript AGAP003200-PA
JHU_Ag_86821	FDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	-	90	1.78E-08	1	2127.063	0.35	Head	2R:+:33781397-33781450;2R:+:33799353-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_90641	ILAPTEFSPTQ	AGAP012981-PA,AGAP003200-PA	-	48	0.000295 658	2	1203.626	0.02	Male reproductive organs	2R:+:33782393-33782425;2R:+:33800352-33800384	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_96431	MLSDKFDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	M1(Oxidation)	96	3.78E-09	1	2717.331	-1.5	Midgut	2R:+:33781382-33781450;2R:+:33799338-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_96909	SPGWDECVAYTVPLIR	AGAP012981-PA,AGAP003200-PA	C7(Carbamidomethyl)	98	2.73E-09	1	1862.912	0.69	Head	2R:+:33782330-33782377;2R:+:33800289-33800336	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_103370	MLSDKFDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	M1(Oxidation)	89	1.95E-08	1	2717.346	3.89	Malpighian tubule	2R:+:33781382-33781450;2R:+:33799338-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_103420	SPGWDECVAYTVPLIR	AGAP012981-PA,AGAP003200-PA	C7(Carbamidomethyl)	99	1.79E-09	1	1862.919	4.62	Malpighian tubule	2R:+:33782330-33782377;2R:+:33800289-33800336	exon=> In CDS Exon 5 of transcript AGAP012981-PA;exon=> In CDS Exon 5 of transcript AGAP003200-PA
JHU_Ag_103894	YTGGFEMVDQAKR	AGAP012981-PA,AGAP003200-PA	M7(Oxidation)	54	4.81E-05	1	1517.706	0.32	Male reproductive organs	2R:+:33781780-33781818;2R:+:33799751-33799789	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_111339	MLSDKFDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	M1(Oxidation)	109	2.12E-10	1	2717.334	-0.43	Visceras	2R:+:33781382-33781450;2R:+:33799338-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_112774	FDIYELHTHNVRPDSVGK	AGAP012981-PA,AGAP003200-PA	-	98	2.44E-09	1	2127.068	3.08	Ovary	2R:+:33781397-33781450;2R:+:33799353-33799406	exon=> In CDS Exon 2 of transcript AGAP012981-PA;exon=> In CDS Exon 2 of transcript AGAP003200-PA
JHU_Ag_114917	NTVQIVQSK	AGAP012981-PA,AGAP003200-PA	-	70	1.39E-06	1	1016.572	-1.12	Visceras	2R:+:33781675-33781701;2R:+:33799646-33799672	exon=> In CDS Exon 3 of transcript AGAP012981-PA;exon=> In CDS Exon 3 of transcript AGAP003200-PA
JHU_Ag_3966	GYDAATEENLALHLQR	AGAP012984-PA	-	138	2.54E-13	1	1800.889	0.91	Midgut	2R:+:11828305-11828352	exon=> In CDS Exon 2 of transcript AGAP012984-PA
JHU_Ag_12422	DLLASWTDAPGFPVLNVYR	AGAP012984-PA	-	69	1.57E-06	2	2134.100	1.31	Midgut	2R:+:11828398-11828454	exon=> In CDS Exon 2 of transcript AGAP012984-PA

JHU_Ag_31932	ADLLDMAVVLR	AGAP012984-PA	-	71	1.11E-06	2	1215.684	5.95	Malpighian tubule	2R:+:11828803-11828835	exon=> In CDS Exon 2 of transcript AGAP012984-PA
JHU_Ag_36728	TDLIDALGCAR	AGAP012984-PA	C9(Carbamidomethyl)	55	4.82E-05	2	1204.599	0.25	Midgut	2R:+:11829268-11829300	exon=> In CDS Exon 2 of transcript AGAP012984-PA
JHU_Ag_59281	AQLIDDAFNLAR	AGAP012984-PA	-	97	3.71E-09	2	1346.705	-0.83	Midgut	2R:+:11828767-11828802	exon=> In CDS Exon 2 of transcript AGAP012984-PA
JHU_Ag_63117	LETPVPDDEWVVFNK	AGAP012984-PA	-	93	8.75E-09	2	1787.897	6.72	Midgut	2R:+:11828620-11828664	exon=> In CDS Exon 2 of transcript AGAP012984-PA
JHU_Ag_68591	NGQHEIVVR	AGAP012984-PA	N1(Deamidated),Q3(Deamidated)	67	2.46E-06	1	1052.547	-0.92	Midgut	2R:+:11827537-11827563	exon=> In CDS Exon 1 of transcript AGAP012984-PA
JHU_Ag_81667	TYTAIANMPLAGTDIDPNDREYLVSR	AGAP012984-PA	M8(Oxidation)	77	2.87E-07	1	2912.400	-3.12	Midgut	2R:+:11827390-11827467	exon=> In CDS Exon 1 of transcript AGAP012984-PA
JHU_Ag_92446	AQLIDDAFNLAR	AGAP012984-PA	-	80	1.61E-07	1	1346.712	4.43	Malpighian tubule	2R:+:11828767-11828802	exon=> In CDS Exon 2 of transcript AGAP012984-PA
JHU_Ag_109710	LGSYLELSYYDYMPK	AGAP012984-PA	M13(Oxidation)	73	7.61E-07	1	1857.860	-0.76	Midgut	2R:+:11827624-11827668	exon=> In CDS Exon 1 of transcript AGAP012984-PA
JHU_Ag_46127	LTGSGGGPGTGGLGR	AGAP012986-PA	-	70	1.27E-06	2	1243.641	1.33	Male reproductive organs	X:-:12078268-12078224	exon=> In CDS Exon 2 of transcript AGAP012986-PA
JHU_Ag_77038	STVPEDDDVGAR	AGAP012989-PA	-	43	0.000553944	2	1260.583	10.1	Pupa	2R:+:50734373-50734408	exon=> In CDS Exon 1 of transcript AGAP012989-PA
JHU_Ag_1516	DGCLNYIEENDEVLVAGFGR	AGAP012990-PA	C3(Carbamidomethyl)	101	1.08E-09	2	2270.045	2.41	Visceras	2R:-:6098786-6098727	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_3932	VANVSLLALYK	AGAP012990-PA	-	90	1.86E-09	2	1190.714	-0.7	Visceras	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_3933	GHAVGDIPGVR	AGAP012990-PA	-	62	7.56E-06	1	1077.578	-1.5	Ovary	2R:-:6098723-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_8000	KITAFVPR	AGAP012990-PA	-	37	0.000591897	1	931.572	-0.11	Visceras	2R:-:6098810-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_8229	VANVSLLALYK	AGAP012990-PA	-	90	1.26E-09	2	1190.718	3.4	Larva	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_10612	ITAFVPR	AGAP012990-PA	-	45	0.000165479	2	803.477	-0.12	Male reproductive organs	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_12544	ITAFVPR	AGAP012990-PA	-	47	8.26E-05	2	803.476	-1.34	Head	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_13171	KGHAVGDIPGVR	AGAP012990-PA	-	34	0.003148314	1	1205.678	2.09	Salivary gland	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_13598	DGCLNYIEENDEVLVAGFGR	AGAP012990-PA	C3(Carbamidomethyl)	152	8.16E-15	1	2270.044	1.77	Ovary	2R:-:6098786-6098727	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_15463	DGCLNYIEENDEVLVAGFGR	AGAP012990-PA	C3(Carbamidomethyl)	86	3.71E-08	2	2270.040	0.15	Midgut	2R:-:6098786-6098727	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_16077	SNPFAGASHAK	AGAP012990-PA	-	52	7.37E-05	1	1086.532	-0.8	Midgut	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_17526	SNPFAGASHAK	AGAP012990-PA	-	35	0.003407161	2	1086.532	-0.76	Ovary	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_17712	KGHAVGDIPGVR	AGAP012990-PA	-	51	6.01E-05	1	1205.674	-0.43	Pupa	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_19793	ITAFVPR	AGAP012990-PA	-	46	0.000111033	2	803.481	4.51	Larva	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_19798	GHAVGDIPGVR	AGAP012990-PA	-	53	6.80E-05	1	1077.579	-0.59	Male reproductive organs	2R:-:6098723-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_25691	SNPFAGASHAK	AGAP012990-PA	-	40	0.001164215	2	1086.536	3.29	Larva	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_26823	KITAFVPR	AGAP012990-PA	-	30	0.002394671	1	931.573	0.37	Midgut	2R:-:6098810-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_27743	VANVSLLALYK	AGAP012990-PA	-	34	0.000611574	1	1190.718	2.75	Head	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA

JHU_Ag_29628	VANVSLLALYK	AGAP012990-PA	-	90	1.72E-09	2	1190.714	-0.08	Midgut	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_31620	ITAFVPR	AGAP012990-PA	-	42	0.000252039	2	803.479	1.4	Midgut	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_34371	KITAFVPR	AGAP012990-PA	-	54	9.78E-06	1	931.573	0.09	Head	2R:-:6098810-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_36175	ITAFVPR	AGAP012990-PA	-	43	0.000234136	1	803.479	1.93	Visceras	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_37716	WKSNPFAGASHAK	AGAP012990-PA	-	55	4.60E-05	2	1400.710	1.78	Malpighian tubule	2R:-:6098942-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_45218	DGCLNYIEENDEVLVAGFGRK	AGAP012990-PA	C3(Carbamidomethyl)	45	0.000502726	1	2398.137	1.08	Visceras	2R:-:6098786-6098724	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_46407	VANVSLLALYK	AGAP012990-PA	-	90	1.88E-09	1	1190.717	2.58	Pupa	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_54213	DGCLNYIEENDEVLVAGFGR	AGAP012990-PA	C3(Carbamidomethyl)	80	1.37E-07	2	2270.048	3.7	Head	2R:-:6098786-6098727	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_56138	ITAFVPRDGCLNYIEENDEVLVAGFGR	AGAP012990-PA	C10(Carbamidomethyl)	74	5.18E-07	1	3054.506	2.29	Malpighian tubule	2R:-:6098807-6098727	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_61626	KGHAVGDIPGVR	AGAP012990-PA	-	58	1.42E-05	1	1205.674	-0.73	Midgut	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_61953	ITAFVPR	AGAP012990-PA	-	35	0.001411698	2	803.477	-0.5	Pupa	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_63919	VANVSLLALYK	AGAP012990-PA	-	90	1.52E-09	2	1190.718	3.09	Malpighian tubule	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_66287	VANVSLLALYK	AGAP012990-PA	-	91	1.69E-09	2	1190.714	-0.19	Ovary	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_69453	DGCLNYIEENDEVLVAGFGR	AGAP012990-PA	C3(Carbamidomethyl)	91	1.01E-08	1	2270.041	0.85	Salivary gland	2R:-:6098786-6098727	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_73501	ITAFVPR	AGAP012990-PA	-	43	0.000236847	1	803.479	2.38	Malpighian tubule	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_75830	SNPFAGASHAK	AGAP012990-PA	-	54	4.27E-05	2	1086.528	-4.35	Head	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_78437	KGHAVGDIPGVR	AGAP012990-PA	-	55	2.47E-05	1	1205.674	-0.73	Male reproductive organs	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_78568	KGHAVGDIPGVR	AGAP012990-PA	-	62	4.89E-06	1	1205.679	3.08	Head	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_81316	KITAFVPR	AGAP012990-PA	-	41	0.000193306	1	931.574	1.21	Ovary	2R:-:6098810-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_82097	SNPFAGASHAK	AGAP012990-PA	-	48	0.000194712	1	1086.532	-0.35	Male reproductive organs	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_85006	AHLGTR	AGAP012990-PA	-	29	0.005580763	1	654.370	2.45	Ovary	2R:-:6098960-6098943	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_87678	GHAVGDIPGVR	AGAP012990-PA	-	56	2.69E-05	1	1077.577	-2.52	Head	2R:-:6098723-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_87773	SNPFAGASHAK	AGAP012990-PA	-	42	0.000613372	1	1086.534	0.93	Visceras	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_89432	SNPFAGASHAK	AGAP012990-PA	-	55	3.54E-05	1	1086.533	0.25	Malpighian tubule	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_90547	KITAFVPR	AGAP012990-PA	-	58	5.50E-06	2	931.562	-11.64	Malpighian tubule	2R:-:6098810-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_92295	ITAFVPR	AGAP012990-PA	-	43	0.000272108	1	803.477	-0.81	Ovary	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_92777	SNPFAGASHAK	AGAP012990-PA	-	40	0.001211693	1	1086.533	0.25	Salivary gland	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_93284	VANVSLLALYKEK	AGAP012990-PA	-	38	0.000217225	3	1447.857	3.25	Malpighian tubule	2R:-:6098675-6098637	exon=> In CDS Exon 1 of transcript AGAP012990-PA

JHU_Ag_95138	KGHAVGDIPGVR	AGAP012990-PA	-	71	6.75E-07	1	1205.675	0.18	Malpighian tubule	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_95611	GHAVGDIPGVR	AGAP012990-PA	-	39	0.001813801	1	1077.585	4.39	Malpighian tubule	2R:-:6098723-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_96153	ITAFVPR	AGAP012990-PA	-	43	0.000240847	1	803.477	-0.58	Salivary gland	2R:-:6098807-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_96239	KGHAVGDIPGVR	AGAP012990-PA	-	64	4.05E-06	1	1205.674	-0.94	Visceras	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_98984	VANVSLLALYK	AGAP012990-PA	-	94	8.01E-10	1	1190.714	-0.08	Male reproductive organs	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_100033	KITAFVPR	AGAP012990-PA	-	55	8.90E-06	2	931.573	0.22	Male reproductive organs	2R:-:6098810-6098787	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_101570	GHAVGDIPGVR	AGAP012990-PA	-	38	0.001748505	2	1077.580	-0.48	Visceras	2R:-:6098723-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_101873	SNPFAGASHAK	AGAP012990-PA	-	34	0.003984591	1	1086.530	-2.11	Pupa	2R:-:6098936-6098904	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_106116	VANVSLLALYK	AGAP012990-PA	-	84	6.51E-09	1	1190.715	0.22	Salivary gland	2R:-:6098675-6098643	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_110043	KGHAVGDIPGVR	AGAP012990-PA	-	51	6.92E-05	1	1205.677	1.26	Ovary	2R:-:6098726-6098691	exon=> In CDS Exon 1 of transcript AGAP012990-PA
JHU_Ag_2436	VQLIK	AGAP012990-PA,AGAP010830-PA,AGAP010819-PA	-	30	0.005226321	1	600.410	2.76	Larva	2R:-:6098834-6098820;3L:+:11596716-11596730;3L:+:11292287-11292301	exon=> In CDS Exon 1 of transcript AGAP012990-PA;exon=> In CDS Exon 4 of transcript AGAP010830-PA;exon=> In CDS Exon 4 of transcript AGAP010819-PA
JHU_Ag_3593	GIVHFK	AGAP012991-PA	-	30	0.002166476	1	700.410	-5.56	Head	X:+:15828777-15828794	exon=> In CDS Exon 4 of transcript AGAP012991-PA
JHU_Ag_8134	YLSVDTFGNVLCESEER	AGAP012991-PA	C12(Carbamidomethyl)	133	6.11E-13	1	2017.923	2.93	Head	X:+:15827521-15827571	exon=> In CDS Exon 2 of transcript AGAP012991-PA
JHU_Ag_15942	VDGEGIAADSDVPCDGFFIELR	AGAP012991-PA	C14(Carbamidomethyl)	76	3.03E-07	2	2382.096	1.9	Head	X:+:15828915-15828980	exon=> In CDS Exon 5 of transcript AGAP012991-PA
JHU_Ag_23643	QLWTLEPSTTGDSIIYLK	AGAP012991-PA	-	44	0.00044878	2	2065.089	1.65	Pupa	X:+:15826523-15826559,15827489-15827505	exon=> In CDS Exon 1 and 2 of transcript AGAP012991-PA
JHU_Ag_26293	SGHLFATAEAIEETTK	AGAP012991-PA	-	49	0.000227866	2	1704.843	-0.68	Malpighian tubule	X:+:15828588-15828635	exon=> In CDS Exon 4 of transcript AGAP012991-PA
JHU_Ag_33787	QLWTLEPSTTGDSIIYLK	AGAP012991-PA	-	50	0.000114536	2	2065.092	3.18	Head	X:+:15826523-15826559,15827489-15827505	exon=> In CDS Exon 1 and 2 of transcript AGAP012991-PA
JHU_Ag_42442	RSGHLFATAEAIEETTK	AGAP012991-PA	-	33	0.007275317	1	1860.946	0.43	Head	X:+:15828585-15828635	exon=> In CDS Exon 4 of transcript AGAP012991-PA
JHU_Ag_48689	GYFLGGTPEK	AGAP012991-PA	-	39	0.00122515	2	1068.538	1.46	Head	X:+:15827647-15827676	exon=> In CDS Exon 2 of transcript AGAP012991-PA
JHU_Ag_73748	FQISITDDNSGR	AGAP012991-PA	-	75	5.20E-07	1	1352.649	3.39	Head	X:+:15827587-15827622	exon=> In CDS Exon 2 of transcript AGAP012991-PA
JHU_Ag_88257	HGLYLSPIGSK	AGAP012991-PA	-	52	6.71E-05	1	1171.647	0	Head	X:+:15828186-15828218	exon=> In CDS Exon 4 of transcript AGAP012991-PA
JHU_Ag_94498	AIYETILVER	AGAP012991-PA	-	53	3.34E-05	2	1206.677	3.33	Malpighian tubule	X:+:15828738-15828767	exon=> In CDS Exon 4 of transcript AGAP012991-PA
JHU_Ag_99834	HGLYLSPIGSK	AGAP012991-PA	-	43	0.000548855	2	1171.649	1.46	Pupa	X:+:15828186-15828218	exon=> In CDS Exon 4 of transcript AGAP012991-PA
JHU_Ag_105775	GWWTIGLINGQYK	AGAP012991-PA	-	64	4.66E-06	1	1535.808	4.77	Head	X:+:15826421-15826459	exon=> In CDS Exon 1 of transcript AGAP012991-PA
JHU_Ag_107474	FQISITDDNSGR	AGAP012991-PA	-	59	2.13E-05	2	1352.644	-0.04	Pupa	X:+:15827587-15827622	exon=> In CDS Exon 2 of transcript AGAP012991-PA

JHU_Ag_12151	HLDSCVTNNDR	AGAP012995-PA,AGAP013463-PA	C5(Carbamidomethyl)	55	1.58E-05	2	1330.574	-5.22	Head	2R:+:17410679-17410711;2R:+:17419243-17419275	exon=> In CDS Exon 2 of transcript AGAP012995-PA;exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_113877	KPGDEDYEVR	AGAP012995-PA,AGAP013463-PA	-	39	0.001749056	1	1207.555	-3.34	Head	2R:+:17410712-17410741;2R:+:17419276-17419305	exon=> In CDS Exon 2 of transcript AGAP012995-PA;exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_7045	TESVSEQVPELPAYLHAALK	AGAP012996-PA	-	80	9.68E-08	1	2182.137	-0.86	Malpighian tubule	2R:+:6117611-6117670	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_7827	TESVSEQVPELPAYLHAALK	AGAP012996-PA	-	51	7.38E-05	1	2182.148	4.18	Head	2R:+:6117611-6117670	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_11226	NDELPDIEALAQK	AGAP012996-PA	-	35	0.004701312	2	1455.733	0.55	Head	2R:+:6118795-6118833	exon=> In CDS Exon 2 of transcript AGAP012996-PA
JHU_Ag_18300	LQHDASELFPR	AGAP012996-PA	-	46	0.000340292	2	1312.669	3.16	Malpighian tubule	2R:+:6118678-6118710	exon=> In CDS Exon 2 of transcript AGAP012996-PA
JHU_Ag_20561	EQFSSMAAFAR	AGAP012996-PA	M6(Oxidation)	61	6.42E-06	1	1260.568	0.08	Malpighian tubule	2R:+:6117842-6117874	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_38575	LQHDASELFPR	AGAP012996-PA	-	49	0.000172716	1	1312.661	-2.51	Head	2R:+:6118678-6118710	exon=> In CDS Exon 2 of transcript AGAP012996-PA
JHU_Ag_49893	AVLDEQLLVFGR	AGAP012996-PA	-	65	2.11E-06	1	1359.771	5.53	Malpighian tubule	2R:+:6118711-6118746	exon=> In CDS Exon 2 of transcript AGAP012996-PA
JHU_Ag_50339	LPNPFDPMLK	AGAP012996-PA	M8(Oxidation)	46	0.000480638	1	1187.614	0.81	Malpighian tubule	2R:+:6118178-6118207	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_68778	NMILSQLQMVIDALR	AGAP012996-PA	M2(Oxidation), M9(Oxidation)	112	7.15E-11	1	1776.931	-1.93	Malpighian tubule	2R:+:6118226-6118270	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_91129	GILGRDDGFFHTPR	AGAP012996-PA	-	42	0.001053113	1	1587.806	2.18	Malpighian tubule	2R:+:6117932-6117973	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_99299	EVLVYDRFLPTIYEYQR	AGAP012996-PA	-	75	3.58E-07	1	2204.149	4.89	Malpighian tubule	2R:+:6117875-6117925	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_105977	HNIIDYAHGTLFMTHLGR	AGAP012996-PA	M13(Oxidation)	56	3.86E-05	1	2112.050	2.5	Malpighian tubule	2R:+:6118064-6118117	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_108379	DDGFFHTPR	AGAP012996-PA	-	37	0.00151655	2	1091.493	2.46	Malpighian tubule	2R:+:6117947-6117973	exon=> In CDS Exon 1 of transcript AGAP012996-PA
JHU_Ag_40712	GDGFVGQMFK	AGAP012996-PA,AGAP013124-PA	M8(Oxidation)	37	0.001447135	1	1101.502	-1.18	Malpighian tubule	2R:+:6117740-6117769;2R:-:6112715-6112686	exon=> In CDS Exon 1 of transcript AGAP012996-PA;exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_96499	FLQQFINK	AGAP012997-PA	-	33	0.003348279	2	1037.584	6.16	Ovary	X:-:15161057-15161034	exon=> In CDS Exon 1 of transcript AGAP012997-PA
JHU_Ag_31231	RHINILSPEEQAFIEECDNEFAHR	AGAP012999-PA	C17(Carbamidomethyl)	82	8.59E-08	1	2954.407	7.54	Ovary	2R:+:53471732-53471803	exon=> In CDS Exon 1 of transcript AGAP012999-PA
JHU_Ag_5767	VPWILAR	AGAP013001-PA	-	43	0.000101101	2	854.529	4.76	Malpighian tubule	2R:-:42099075-42099055	exon=> In CDS Exon 8 of transcript AGAP013001-PA
JHU_Ag_17533	ISVLK	AGAP013001-PA	-	32	0.002193149	1	559.381	0.12	Salivary gland	2R:-:42099419-42099405	exon=> In CDS Exon 7 of transcript AGAP013001-PA
JHU_Ag_25248	YALSVGPK	AGAP013001-PA	-	41	0.00063985	2	834.476	4.78	Malpighian tubule	2R:-:42101035-42101012	exon=> In CDS Exon 3 of transcript AGAP013001-PA
JHU_Ag_43636	AQLIDDALNLAR	AGAP013001-PA	-	69	1.11E-06	2	1312.728	4.62	Malpighian tubule	2R:-:42099772-42099737	exon=> In CDS Exon 6 of transcript AGAP013001-PA
JHU_Ag_51239	FLEDFFHIEYPLPK	AGAP013001-PA	-	47	0.000270795	1	1794.917	3.87	Malpighian tubule	2R:-:42101002-42100961	exon=> In CDS Exon 3 of transcript AGAP013001-PA
JHU_Ag_99748	AAIAALNYIDSMFIR	AGAP013001-PA	M12(Oxidation)	82	7.55E-08	2	1684.886	7.94	Malpighian tubule	2R:-:42099658-42099614	exon=> In CDS Exon 6 of transcript AGAP013001-PA
JHU_Ag_26201	VTGSQSQAQSGSHGSGHGSSSGASAGSQSFSK	AGAP013005-PA	-	89	1.15E-08	1	2937.302	2.13	Pupa	2R:-:5724576-5724481	exon=> In CDS Exon 1 of transcript AGAP013005-PA
JHU_Ag_67385	VTGSQSQAQSGSHGSGHGSSSGASAGSQSFSK	AGAP013005-PA	-	68	1.46E-06	1	2937.301	1.82	Head	2R:-:5724576-5724481	exon=> In CDS Exon 1 of transcript AGAP013005-PA

JHU_Ag_73945	VTGSQSQAQSGSHGSGHGSSSGASAGSQSFSK	AGAP013005-PA	-	93	4.64E-09	1	2937.311	5.37	Larva	2R:-:5724576-5724481	exon=> In CDS Exon 1 of transcript AGAP013005-PA
JHU_Ag_97572	GFPSFPTHGGGASSSSSSFSSSFSSSHDGK	AGAP013005-PA	-	167	8.64E-17	1	2994.278	0.19	Head	2R:-:5724669-5724577	exon=> In CDS Exon 1 of transcript AGAP013005-PA
JHU_Ag_30277	TLPTHHGQSSVPTVEGTCEDFRPEEK	AGAP013012-PA	C18(Carbamidomethyl)	108	1.91E-10	1	2938.356	-2.48	Head	2R:+:1729163-1729240	exon=> In CDS Exon 2 of transcript AGAP013012-PA
JHU_Ag_35228	IEITCLATIPAHVEPGEQYADYK	AGAP013021-PA	C5(Carbamidomethyl)	42	0.000993733	3	2618.288	2.92	Head	X:-:21625971-21625903	exon=> In CDS Exon 5 of transcript AGAP013021-PA
JHU_Ag_55205	KQLAELQAK	AGAP013022-PA	-	37	0.001542881	1	1028.623	13.04	Head	X:-:14834371-14834345	exon=> In CDS Exon 3 of transcript AGAP013022-PA
JHU_Ag_68473	KQLAELQAK	AGAP013022-PA	-	41	0.000437888	1	1028.619	8.77	Visceras	X:-:14834371-14834345	exon=> In CDS Exon 3 of transcript AGAP013022-PA
JHU_Ag_107520	KQLAELQAK	AGAP013022-PA	-	35	0.002319 17	1	1028.624	13.52	Malpighian tubule	X:-:14834371-14834345	exon=> In CDS Exon 3 of transcript AGAP013022-PA
JHU_Ag_32487	RPTHLDDVPIDR	AGAP013029-PA	-	82	1.03E-07	1	1433.746	-2.84	Head	2R:-:31319957-31319922	exon=> In CDS Exon 2 of transcript AGAP013029-PA
JHU_Ag_90824	ASATPSPTPSATHPLGHPNPLK	AGAP013029-PA	-	76	2.89E-07	1	2178.132	0.74	Head	2R:-:31321644-31321579	exon=> In CDS Exon 1 of transcript AGAP013029-PA
JHU_Ag_47241	ELAQQIGAVAAR	AGAP013035-PA,AGAP012856-PA	Q4(Deamidated),Q5(Deamidated)	43	0.000472769	2	1227.673	3.17	Larva	2R:-:33797456-33797421;UNKN:+:34280222-34280257	exon=> In CDS Exon 1 of transcript AGAP013035-PA;exon=> In CDS Exon 1 of transcript AGAP012856-PA
JHU_Ag_1307	FREIGHWLVGNIPGTK	AGAP013036-PA	-	57	1.11E-05	1	1823.993	0.98	Ovary	2R:-:14546148-14546101	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_4121	VEWTAKPDAYYTLFMVDPDAPNRQEPK	AGAP013036-PA	M15(Oxidation)	85	4.67E-08	1	3197.527	0.79	Ovary	2R:-:14546229-14546149	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_17315	VEWTAKPDAYYTLFMVDPDAPNR	AGAP013036-PA	M15(Oxidation)	45	0.000516728	3	2715.275	-0.39	Midgut	2R:-:14546229-14546161	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_18316	EIGHWLVGNIPGTK	AGAP013036-PA	-	81	6.83E-08	1	1520.829	4.34	Ovary	2R:-:14546142-14546101	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_25915	ITYPSGVTVSGGNELRPTQVK	AGAP013036-PA	-	135	2.20E-13	1	2203.171	-0.39	Midgut	2R:-:14546304-14546242	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_30446	ITYPSGVTVSGGNELRPTQVK	AGAP013036-PA	-	41	0.000629881	1	2203.174	1.01	Pupa	2R:-:14546304-14546242	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_31535	ITYPSGVTVSGGNELRPTQVK	AGAP013036-PA	-	69	8.75E-07	1	2203.170	-0.84	Malpighian tubule	2R:-:14546304-14546242	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_36834	VEWTAKPDAYYTLFMVDPDAPNRQEPK	AGAP013036-PA	M15(Oxidation)	94	5.88E-09	1	3197.524	-0.2	Midgut	2R:-:14546229-14546149	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_40560	ITYPSGVTVSGGNELRPTQVKDQPR	AGAP013036-PA	-	132	5.27E-13	1	2699.416	1.92	Malpighian tubule	2R:-:14546304-14546230	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_40650	ITYPSGVTVSGGNELRPTQVK	AGAP013036-PA	-	62	4.24E-06	1	2203.176	1.93	Head	2R:-:14546304-14546242	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_42175	VEDGDHMYAFVGSGPPNGSGLHR	AGAP013036-PA	N17(Deamidated),"M7(Oxidation),N17(Deamidated)",M7(Oxidation)	140	1.28E-13	1	2399.084	0.04	Midgut	2R:-:14546100-14546032	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_55339	EIGHWLVGNIPGTK	AGAP013036-PA	-	87	2.06E-08	1	1520.823	0.57	Midgut	2R:-:14546142-14546101	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_58639	ITYPSGVTVSGGNELRPTQVKDQPR	AGAP013036-PA	-	66	2.06E-06	1	2699.414	1.1	Ovary	2R:-:14546304-14546230	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_58995	ITYPSGVTVSGGNELRPTQVKDQPR	AGAP013036-PA	-	99	1.08E-09	1	2699.410	-0.45	Midgut	2R:-:14546304-14546230	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_79447	EIGHWLVGNIPGTK	AGAP013036-PA	-	82	6.34E-08	1	1520.824	1.53	Malpighian tubule	2R:-:14546142-14546101	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_81871	ITYPSGVTVSGGNELRPTQVK	AGAP013036-PA	-	124	2.98E-12	1	2203.171	-0.17	Ovary	2R:-:14546304-14546242	exon=> In CDS Exon 2 of transcript AGAP013036-PA

JHU_Ag_82420	VEDGDHMYAFVGSGPPNGSGLHR	AGAP013036-PA	M7(Oxidation), N17(Deamidated)	49	0.000144192	1	2416.065	0.92	Ovary	2R:-:14546100-14546032	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_104032	FREIGHWLVGNIPGTK	AGAP013036-PA	-	70	6.96E-07	1	1823.992	0.35	Midgut	2R:-:14546148-14546101	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_106926	VEWTAKPDAYYTLFMVDPDAPNRQEPK	AGAP013036-PA	-	77	2.35E-07	1	3181.533	0.91	Malpighian tubule	2R:-:14546229-14546149	exon=> In CDS Exon 2 of transcript AGAP013036-PA
JHU_Ag_31223	TFQYDTMDVMDPK	AGAP013039-PA	M7(Oxidation), M10(Oxidation)	35	0.001525643	2	1622.676	3.05	Larva	2R:+:13237216-13237254	exon=> In CDS Exon 4 of transcript AGAP013039-PA
JHU_Ag_98989	QRFLLK	AGAP013042-PA	Q1(Deamidated)	36	0.001004116	2	805.490	-3.48	Head	X:-:13507846-13507829	exon=> In CDS Exon 9 of transcript AGAP013042-PA
JHU_Ag_10820	GNGTAAPAHQQR	AGAP013043-PA	-	45	0.000522153	1	1207.593	0.29	Head	X:+:13592107-13592142	exon=> In CDS Exon 1 of transcript AGAP013043-PA
JHU_Ag_102376	APQDPDEDTNAGFGK	AGAP013043-PA	-	99	8.49E-10	1	1561.679	1.78	Head	X:+:13592212-13592256	exon=> In CDS Exon 1 of transcript AGAP013043-PA
JHU_Ag_25402	LFVGNLPWTVSTK	AGAP013048-PA	-	48	0.000127041	2	1461.810	-0.07	Midgut	2R:+:1637158-1637196	exon=> In CDS Exon 1 of transcript AGAP013048-PA
JHU_Ag_48465	SSTTAAASTIAR	AGAP013048-PA	N-Term(Acetyl)	70	1.51E-06	2	1178.603	1.48	Ovary	2R:+:1637110-1637145	exon=> In CDS Exon 1 of transcript AGAP013048-PA
JHU_Ag_92720	GYGFIVFSTR	AGAP013048-PA	-	68	2.99E-06	2	1146.598	3.32	Visceras	2R:+:1637278-1637307	exon=> In CDS Exon 1 of transcript AGAP013048-PA
JHU_Ag_110202	LFVGNLPWTVSTK	AGAP013048-PA	-	60	8.01E-06	2	1461.814	2.43	Visceras	2R:+:1637158-1637196	exon=> In CDS Exon 1 of transcript AGAP013048-PA
JHU_Ag_12462	LLALVVEGR	AGAP013053-PA	-	52	1.50E-05	2	969.611	2.31	Salivary gland	2R:+:57709389-57709415	exon=> In CDS Exon 1 of transcript AGAP013053-PA
JHU_Ag_85088	YKVPNIEQSIAEELAR	AGAP013053-PA	-	78	2.01E-07	1	1859.987	0.5	Midgut	2R:+:57708330-57708377	exon=> In CDS Exon 1 of transcript AGAP013053-PA
JHU_Ag_8331	LHGLDLSK	AGAP013057-PA	-	42	0.000303397	2	882.502	-2.42	Head	2R:-:53895988-53895965	exon=> In CDS Exon 2 of transcript AGAP013057-PA
JHU_Ag_39405	KIDLENLTSQR	AGAP013059-PA	-	51	0.000115705	1	1316.717	-0.14	Head	2R:+:45077267-45077299	exon=> In CDS Exon 2 of transcript AGAP013059-PA
JHU_Ag_69851	LQYLLFHHNR	AGAP013059-PA	-	34	0.00449366	1	1340.724	1.53	Head	2R:+:45076622-45076651	exon=> In CDS Exon 2 of transcript AGAP013059-PA
JHU_Ag_108853	LQGFDWLQR	AGAP013059-PA	-	50	0.000168764	2	1162.600	-0.66	Head	2R:+:45077057-45077083	exon=> In CDS Exon 2 of transcript AGAP013059-PA
JHU_Ag_112890	SLDISHNLQQK	AGAP013059-PA	-	54	4.20E-05	1	1282.679	2.72	Head	2R:+:45077102-45077134	exon=> In CDS Exon 2 of transcript AGAP013059-PA
JHU_Ag_1452	RDVVEDGVQTLK	AGAP013060-PA	-	82	7.74E-08	2	1358.725	-2.09	Head	2R:+:33369673-33369708	exon=> In CDS Exon 2 of transcript AGAP013060-PA
JHU_Ag_10594	DVVEDGVQTLK	AGAP013060-PA	-	36	0.00424318	2	1202.627	0.32	Midgut	2R:+:33369676-33369708	exon=> In CDS Exon 2 of transcript AGAP013060-PA
JHU_Ag_42476	DVVEDGVQTLKK	AGAP013060-PA	-	42	0.000857753	1	1330.723	1.02	Malpighian tubule	2R:+:33369676-33369711	exon=> In CDS Exon 2 of transcript AGAP013060-PA
JHU_Ag_100469	DVVEDGVQTLK	AGAP013060-PA	-	57	3.02E-05	2	1202.627	0.32	Head	2R:+:33369676-33369708	exon=> In CDS Exon 2 of transcript AGAP013060-PA
JHU_Ag_109565	DVVEDGVQTLK	AGAP013060-PA	-	60	1.41E-05	2	1202.629	1.84	Malpighian tubule	2R:+:33369676-33369708	exon=> In CDS Exon 2 of transcript AGAP013060-PA
JHU_Ag_61408	ILLLPVK	AGAP013061-PA	-	25	0.000653176	2	795.571	0.71	Pupa	2R:-:13125353-13125333	exon=> In CDS Exon 3 of transcript AGAP013061-PA
JHU_Ag_100782	ESIETLRPYLAR	AGAP013061-PA	-	35	0.002694755	1	1447.794	2.39	Head	2R:-:13125699-13125664	exon=> In CDS Exon 2 of transcript AGAP013061-PA
JHU_Ag_106902	ILLLPVK	AGAP013061-PA	-	32	0.000138366	2	795.571	0.41	Head	2R:-:13125353-13125333	exon=> In CDS Exon 3 of transcript AGAP013061-PA
JHU_Ag_84572	LNDAGIRVSVQR	AGAP013062-PA	N2(Deamidated), Q11(Deamidated)	48	0.000218959	2	1329.696	-11.91	Malpighian tubule	2R:+:31458641-31458676	exon=> In CDS Exon 3 of transcript AGAP013062-PA
JHU_Ag_52428	GLEDISSPVFTIDSNK	AGAP013063-PA	-	38	0.002740649	2	1721.869	5.67	Malpighian tubule	2R:+:58871501-58871548	exon=> In CDS Exon 1 of transcript AGAP013063-PA

JHU_Ag_34357	CFELVVQDNDNTLR	AGAP013066-PA	C1(Carbamidomethyl)	91	1.05E-08	2	1722.808	-2.38	Midgut	2R:-:697770-697729	exon=> In CDS Exon 1 of transcript AGAP013066-PA
JHU_Ag_38418	GCSYDTVDVCPGEVR	AGAP013066-PA	C2(Carbamidomethyl), C10(Carbamidomethyl)	103	1.60E-10	2	1713.718	-1.36	Midgut	2R:-:697722-697678	exon=> In CDS Exon 1 of transcript AGAP013066-PA
JHU_Ag_39215	VAAFKPTIQIIQSPAMR	AGAP013066-PA	M16(Oxidation)	43	0.000212515	2	1887.058	3.11	Larva	2R:-:697821-697771	exon=> In CDS Exon 1 of transcript AGAP013066-PA
JHU_Ag_105960	VAAFKPTIQIIQSPAMR	AGAP013066-PA	M16(Oxidation)	117	6.10E-12	1	1871.059	0.87	Midgut	2R:-:697821-697771	exon=> In CDS Exon 1 of transcript AGAP013066-PA
JHU_Ag_104118	TAAQASDAVAAIGNNEVGDK	AGAP013073-PA	-	66	3.56E-06	1	1901.917	-1.48	Head	2R:-:58388879-58388820	exon=> In CDS Exon 1 of transcript AGAP013073-PA
JHU_Ag_999	GAAAVLIR	AGAP013078-PA	-	36	0.000920594	1	770.490	1.71	Larva	2R:+:2094642-2094665	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_10280	AIYWTAEEQYLEGASEYER	AGAP013078-PA	-	104	4.55E-10	1	2308.042	0.56	Midgut	2R:+:2095041-2095097	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_28054	KGAAAVLIR	AGAP013078-PA	-	73	1.24E-07	2	898.584	0.32	Midgut	2R:+:2094639-2094665	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_41485	KGAAAVLIR	AGAP013078-PA	-	72	9.23E-08	2	898.586	2.69	Larva	2R:+:2094639-2094665	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_43285	IVVFAPAWVGYGPTGR	AGAP013078-PA	-	87	1.95E-08	1	1689.918	3.72	Larva	2R:+:2094558-2094605	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_47345	AIYWTAEEQYLEGASEYER	AGAP013078-PA	-	83	6.04E-08	2	2308.047	2.89	Larva	2R:+:2095041-2095097	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_48698	AEVIAVESFEEFENFTADQVEGK	AGAP013078-PA	-	95	4.46E-09	2	2588.204	0.06	Midgut	2R:+:2094489-2094557	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_49116	IVVFAPAWVGYGPTGR	AGAP013078-PA	-	89	1.10E-08	2	1689.911	-0.31	Midgut	2R:+:2094558-2094605	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_49666	YRYDSPSVAAK	AGAP013078-PA	-	62	8.23E-06	1	1256.627	0.38	Midgut	2R:+:2094606-2094638	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_58870	YDSPSVAAK	AGAP013078-PA	-	65	4.16E-06	2	937.465	2.34	Larva	2R:+:2094612-2094638	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_93149	GAAAVLIR	AGAP013078-PA	-	49	5.59E-05	2	770.488	-0.27	Midgut	2R:+:2094642-2094665	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_108933	YRYDSPSVAAK	AGAP013078-PA	-	58	1.94E-05	1	1256.631	3.29	Larva	2R:+:2094606-2094638	exon=> In CDS Exon 1 of transcript AGAP013078-PA
JHU_Ag_1540	NTIGELEGHTFK	AGAP013078-PA,AGAP013443-PA	-	79	1.63E-07	1	1345.674	-0.8	Midgut	2R:+:2094858-2094893;2R:+:2092723-2092758	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_11978	NTIGELEGHTFK	AGAP013078-PA,AGAP013443-PA	-	95	4.66E-09	1	1345.681	5	Larva	2R:+:2094858-2094893;2R:+:2092723-2092758	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_16981	SVGTAPEGIR	AGAP013078-PA,AGAP013443-PA	-	50	0.000123362	2	986.526	-0.3	Midgut	2R:+:2094459-2094488;2R:+:2092324-2092353	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_24997	AVTFLK	AGAP013078-PA,AGAP013443-PA	-	31	0.001513694	1	678.418	-0.18	Midgut	2R:+:2094990-2095007;2R:+:2092855-2092872	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_30058	GREWAELVEPFQK	AGAP013078-PA,AGAP013443-PA	-	78	2.71E-07	1	1588.811	-0.59	Midgut	2R:+:2094393-2094431;2R:+:2092258-2092296	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_30254	RIPAAAITVEDAMLLLR	AGAP013078-PA,AGAP013443-PA	M13(Oxidation)	123	1.25E-12	1	1869.069	3.15	Larva	2R:+:2094732-2094782;2R:+:2092597-2092647	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_33144	EEIAQYQPVVDSIFQHIVSGEYAGK	AGAP013078-PA,AGAP013443-PA	-	99	1.58E-09	1	2807.402	4.7	Larva	2R:+:2094159-2094233;2R:+:2092024-2092098	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA

JHU_Ag_34230	IPAAAITVEDAMLLLR	AGAP013078-PA,AGAP013443-PA	M12(Oxidation)	133	1.71E-13	1	1696.967	0.08	Midgut	2R:+:2094735-2094782;2R:+:2092600-2092647	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_41306	QLEDAIDFAVQEMIAEGLDNVHTEEAIVSHWQR	AGAP013078-PA,AGAP013443-PA	M13(Oxidation)	142	6.78E-14	1	3809.821	3.41	Midgut	2R:+:2094294-2094392;2R:+:2092159-2092257	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_46203	SVGTAPEGIR	AGAP013078-PA,AGAP013443-PA	-	36	0.003298911	1	986.528	1.57	Larva	2R:+:2094459-2094488;2R:+:2092324-2092353	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_47496	QLEDAIDFAVQEMIAEGLDNVHTEEAIVSHWQR	AGAP013078-PA,AGAP013443-PA	M13(Oxidation)	201	1.06E-19	1	3809.811	0.91	Larva	2R:+:2094294-2094392;2R:+:2092159-2092257	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_50378	TWQSLLEFTDR	AGAP013078-PA,AGAP013443-PA	-	94	5.68E-09	1	1395.694	2.79	Larva	2R:+:2094234-2094266;2R:+:2092099-2092131	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_57552	IPAAAITVEDAMLLLR	AGAP013078-PA,AGAP013443-PA	M12(Oxidation)	129	5.79E-13	1	1712.971	5.61	Larva	2R:+:2094735-2094782;2R:+:2092600-2092647	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_67630	RIPAAAITVEDAMLLLR	AGAP013078-PA,AGAP013443-PA	M13(Oxidation)	98	4.75E-10	1	1869.062	-0.67	Midgut	2R:+:2094732-2094782;2R:+:2092597-2092647	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_68440	GREWAELVEPFQK	AGAP013078-PA,AGAP013443-PA	-	83	9.28E-08	1	1588.817	3.33	Larva	2R:+:2094393-2094431;2R:+:2092258-2092296	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_77835	MDAMNLDPTISR	AGAP013078-PA,AGAP013443-PA	M1(Oxidation),M4(Oxidation),"M1(Oxidation), M4(Oxidation)"	74	4.07E-07	2	1379.630	0.35	Midgut	2R:+:2094822-2094857;2R:+:2092687-2092722	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_84810	EWAELVEPFQK	AGAP013078-PA,AGAP013443-PA	-	63	8.13E-06	1	1375.694	3.51	Larva	2R:+:2094399-2094431;2R:+:2092264-2092296	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_92956	EEIAQYQPVVDSIFQHIVSGEYAGK	AGAP013078-PA,AGAP013443-PA	-	43	0.000607113	1	2807.388	-0.12	Midgut	2R:+:2094159-2094233;2R:+:2092024-2092098	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_102705	EWAELVEPFQK	AGAP013078-PA,AGAP013443-PA	-	58	3.15E-05	1	1375.690	0.67	Midgut	2R:+:2094399-2094431;2R:+:2092264-2092296	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_112931	MDAMNLDPTISR	AGAP013078-PA,AGAP013443-PA	M1(Oxidation), M4(Oxidation)	56	2.63E-05	2	1395.626	1.19	Larva	2R:+:2094822-2094857;2R:+:2092687-2092722	exon=> In CDS Exon 1 of transcript AGAP013078-PA;exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_43046	TSQSSLIASSPSK	AGAP013079-PA	-	38	0.001990414	2	1292.674	3.65	Head	2R:+:14027776-14027814	exon=> In CDS Exon 1 of transcript AGAP013079-PA
JHU_Ag_71151	TSQSSLIASSPSK	AGAP013079-PA	-	63	7.53E-06	2	1292.670	0.82	Malpighian tubule	2R:+:14027776-14027814	exon=> In CDS Exon 1 of transcript AGAP013079-PA
JHU_Ag_91934	TIVYVLVNKPAK	AGAP013080-PA,AGAP013175-PA,AGAP013421-PA,AGAP000437-PA	-	75	3.20E-08	1	1344.830	3.99	Larva	X:-:7737768-7737733;X:-:7732733-7732698;X:-:7727990-7727955;X:-:7722309-7722274	exon=> In CDS Exon 2 of transcript AGAP013080-PA;exon=> In CDS Exon 2 of transcript AGAP013175-PA;exon=> In CDS Exon 2 of transcript AGAP013421-PA;exon=> In CDS Exon 2 of transcript AGAP000437-PA
JHU_Ag_18179	AADSELLIEFDR	AGAP013090-PA	-	87	3.78E-08	2	1378.691	4.44	Larva	2R:+:29082908-29082943	exon=> In CDS Exon 2 of transcript AGAP013090-PA
JHU_Ag_26474	NLNAQFISR	AGAP013090-PA	-	45	0.000521074	2	1062.573	3.36	Larva	2R:+:29083019-29083045	exon=> In CDS Exon 2 of transcript AGAP013090-PA

JHU_Ag_34040	DVWAMSDTIAR	AGAP013090-PA	M5(Oxidation)	54	6.04E-05	2	1280.599	3.91	Larva	2R:+:29083475-29083507	exon=> In CDS Exon 2 of transcript AGAP013090-PA
JHU_Ag_64539	VKDAILQHALEIGNTQNPCIVEK	AGAP013090-PA	C19(Carbamidomethyl)	121	6.24E-12	1	2590.376	3.78	Larva	2R:+:29083088-29083156	exon=> In CDS Exon 2 of transcript AGAP013090-PA
JHU_Ag_74735	LFNQLHYDVDYK	AGAP013090-PA	-	70	1.36E-06	1	1554.764	3.59	Larva	2R:+:29082944-29082979	exon=> In CDS Exon 2 of transcript AGAP013090-PA
JHU_Ag_112364	FGIVITQIQEEK	AGAP013090-PA	-	79	1.09E-07	1	1404.780	4.77	Larva	2R:+:29083046-29083081	exon=> In CDS Exon 2 of transcript AGAP013090-PA
JHU_Ag_694	WDSQREEGTFAGHI	AGAP013092-PA	-	71	8.90E-07	1	1632.739	-0.99	Midgut	2L:-:32610449-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_1846	HCYQSYLDFHR	AGAP013092-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), Q4(Deamidated)"	81	5.99E-08	1	1525.671	4.39	Malpighian tubule	2L:-:32610572-32610540	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_2594	NVFSSMCPNSWVEK	AGAP013092-PA	M6(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	111	6.31E-11	1	1700.745	2.72	Visceras	2L:-:32610491-32610450	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_3252	FPNQNQTK	AGAP013092-PA	-	46	0.000497811	1	976.483	-2.21	Head	2L:-:32610596-32610573	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_7377	WDSQREEGTFAGHI	AGAP013092-PA	-	55	4.22E-05	1	1632.743	2.01	Malpighian tubule	2L:-:32610449-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_8015	HCYQSYLDFHRCEK	AGAP013092-PA	C2(Carbamidomethyl), C12(Carbamidomethyl)	76	1.32E-07	1	1942.831	-0.52	Malpighian tubule	2L:-:32610572-32610531	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_11554	NVFSSMCPNSWVEK	AGAP013092-PA	M6(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	107	1.82E-10	1	1684.748	1.32	Malpighian tubule	2L:-:32610491-32610450	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_14268	NVFSSMCPNSWVEK	AGAP013092-PA	M6(Oxidation), C7(Carbamidomethyl), N9(Deamidated),"M6(Oxidation), C7(Carbamidomethyl)","C7(Carbamidomethyl), N9(Deamidated)",C7(Carbamidomethyl)	90	7.03E-09	2	1700.737	-1.94	Midgut	2L:-:32610491-32610450	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_16407	NVFSSMCPNSWVEK	AGAP013092-PA	C7(Carbamidomethyl)	59	1.31E-05	1	1684.750	2.27	Salivary gland	2L:-:32610491-32610450	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_22535	VKGEGDQVCK	AGAP013092-PA	C9(Carbamidomethyl)	48	0.000262408	1	1119.546	-0.25	Midgut	2L:-:32610530-32610501	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_35891	VKGEGDQVCK	AGAP013092-PA	C9(Carbamidomethyl)	70	1.56E-06	1	1119.552	4.66	Malpighian tubule	2L:-:32610530-32610501	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_36250	HCYQSYLDFHR	AGAP013092-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), Q4(Deamidated)"	80	7.50E-08	1	1525.663	-0.97	Head	2L:-:32610572-32610540	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_36371	NVFSSMCPNSWVEK	AGAP013092-PA	M6(Oxidation), C7(Carbamidomethyl)	105	2.58E-10	1	1700.743	1.21	Ovary	2L:-:32610491-32610450	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_42182	NVFSSMCPNSWVEK	AGAP013092-PA	M6(Oxidation), C7(Carbamidomethyl),C7(Carbamidomethyl)	111	7.71E-11	1	1684.748	1.18	Head	2L:-:32610491-32610450	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_53566	TAPFDPRFPNQNQTK	AGAP013092-PA	-	54	5.59E-05	1	1760.873	0.89	Malpighian tubule	2L:-:32610617-32610573	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_57387	GEGDQVCK	AGAP013092-PA	C7(Carbamidomethyl)	39	0.000573831	1	892.385	1.82	Midgut	2L:-:32610524-32610501	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_60028	EEGTFAGHI	AGAP013092-PA	-	32	0.004493938	1	960.445	2.43	Midgut	2L:-:32610434-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_63621	HCYQSYLDFHR	AGAP013092-PA	C2(Carbamidomethyl)	65	2.34E-06	1	1525.665	0.54	Salivary gland	2L:-:32610572-32610540	exon=> In CDS Exon 1 of transcript AGAP013092-PA

JHU_Ag_64298	GEGDQVCK	AGAP013092-PA	C7(Carbamidomethyl)	64	1.55E-06	1	892.381	-1.68	Head	2L:-:32610524-32610501	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_66477	WDSQREEGTFAGHI	AGAP013092-PA	-	70	1.09E-06	1	1632.743	1.78	Visceras	2L:-:32610449-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_66862	HCYQSYLDFHR	AGAP013092-PA	C2(Carbamidomethyl)	62	4.91E-06	1	1525.668	2.39	Visceras	2L:-:32610572-32610540	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_70789	VKGEGDQVCK	AGAP013092-PA	C9(Carbamidomethyl)	67	2.97E-06	1	1119.540	-5.48	Head	2L:-:32610530-32610501	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_74200	VKGEGDQVCK	AGAP013092-PA	C9(Carbamidomethyl)	61	1.46E-05	1	1119.548	1.06	Visceras	2L:-:32610530-32610501	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_76754	WDSQREEGTFAGHI	AGAP013092-PA	-	42	0.000738834	1	1632.743	1.63	Ovary	2L:-:32610449-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_84970	EEGTFAGHI	AGAP013092-PA	-	40	0.000698605	1	960.446	3.51	Malpighian tubule	2L:-:32610434-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_96974	EEGTFAGHI	AGAP013092-PA	-	47	0.000171195	2	960.443	0.77	Visceras	2L:-:32610434-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_97472	HCYQSYLDFHR	AGAP013092-PA	C2(Carbamidomethyl)	87	1.85E-08	1	1525.679	9.59	Ovary	2L:-:32610572-32610540	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_101338	FPNQNQTK	AGAP013092-PA	-	44	0.000614 74	1	976.484	-0.47	Ovary	2L:-:32610596-32610573	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_102474	EEGTFAGHI	AGAP013092-PA	-	40	0.000852844	1	960.440	-2.27	Head	2L:-:32610434-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_103478	EEGTFAGHI	AGAP013092-PA	-	38	0.001069 44	2	960.441	-0.95	Ovary	2L:-:32610434-32610408	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_106877	HCYQSYLDFHR	AGAP013092-PA	C2(Carbamidomethyl)	86	1.72E-08	1	1525.659	-3.45	Midgut	2L:-:32610572-32610540	exon=> In CDS Exon 1 of transcript AGAP013092-PA
JHU_Ag_40757	LLFAAKYR	AGAP013096-PA	-	30	0.004238862	1	981.579	-9.57	Malpighian tubule	2R:+:48423434-48423457	exon=> In CDS Exon 1 of transcript AGAP013096-PA
JHU_Ag_80290	LLFAAKYR	AGAP013096-PA	-	25	0.013597309	1	981.577	-11.68	Midgut	2R:+:48423434-48423457	exon=> In CDS Exon 1 of transcript AGAP013096-PA
JHU_Ag_94295	DSSGGATAASTSSAQVR	AGAP013099-PA	-	107	2.72E-10	1	1552.724	2.71	Head	X:-:1495761-1495711	exon=> In CDS Exon 1 of transcript AGAP013099-PA
JHU_Ag_13386	AAQDQSVEKPDEDQSK	AGAP013104-PA	-	79	1.70E-07	1	1774.814	2.72	Male reproductive organs	X:+:17307176-17307223	exon=> In CDS Exon 1 of transcript AGAP013104-PA
JHU_Ag_20508	ALEDAMSDIVER	AGAP013104-PA,AGAP013444-PA,AGAP013235-PA,AGAP012998-PA	M6(Oxidation)	81	1.03E-07	1	1364.637	0.69	Male reproductive organs	X:+:17307233-17307268;X:-:17341279-17341244;X:-:17329177-17329142;X:-:17300087-17300052	exon=> In CDS Exon 1 of transcript AGAP013104-PA;exon=> In CDS Exon 1 of transcript AGAP013444-PA;exon=> In CDS Exon 1 of transcript AGAP013235-PA;exon=> In CDS Exon 1 of transcript AGAP012998-PA
JHU_Ag_20246	SPVATPTVEAHIVAR	AGAP013106-PA	-	85	2.47E-08	1	1547.856	1.31	Midgut	2R:-:12806346-12806302	exon=> In CDS Exon 2 of transcript AGAP013106-PA
JHU_Ag_36217	VLGLDVGFR	AGAP013106-PA	-	49	0.000142386	2	975.560	-2.14	Midgut	2R:-:12806301-12806275	exon=> In CDS Exon 2 of transcript AGAP013106-PA
JHU_Ag_69	EYSNNPDQDFQPQDADTSAEANAER	AGAP013112-PA	-	149	3.13E-15	1	2812.164	2.5	Ovary	2R:-:4073087-4073013	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_289	SYAQNGGGAGGAGAGGVKR	AGAP013112-PA	-	36	0.004486283	1	1634.801	0.69	Head	2R:-:4073270-4073214	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_3294	YDLFCIDDDEGDPIEAILK	AGAP013112-PA	C5(Carbamidomethyl)	91	8.58E-09	1	2241.024	-1.18	Ovary	2R:-:4073786-4073730	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_3669	QQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	189	1.96E-18	1	2588.264	2.93	Ovary	2R:-:4073705-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_4512	YNNYEDRGGEGGERPQR	AGAP013112-PA	-	36	0.002332508	1	1996.887	0.78	Ovary	2R:-:4072472-4072422	exon=> In CDS Exon 1 of transcript AGAP013112-PA

JHU_Ag_5029	VDDEHDFPSLG	AGAP013112-PA	-	36	0.001187796	1	1230.528	0.31	Salivary gland	2R:-:4072286-4072254	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_11681	KQQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	156	3.05E-15	1	2716.358	2.63	Malpighian tubule	2R:-:4073708-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_13557	YNNYEDR	AGAP013112-PA	-	44	6.45E-05	2	973.401	-0.21	Ovary	2R:-:4072472-4072452	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_16309	SGGPVGGGGNEYPR	AGAP013112-PA	-	130	1.24E-12	1	1303.602	-0.21	Malpighian tubule	2R:-:4073351-4073310	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_19681	EYGGGENNYR	AGAP013112-PA	-	48	6.07E-05	2	1158.483	1.73	Malpighian tubule	2R:-:4072541-4072512	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_21294	TNVSNGGEEAGADGAAAGR	AGAP013112-PA	N5(Deamidated)	141	6.41E-14	1	1703.762	2.4	Malpighian tubule	2R:-:4073012-4072956	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_22905	QFLEIEYHFNDSR	AGAP013112-PA	-	65	5.22E-06	1	1697.799	4.05	Ovary	2R:-:4072685-4072647	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_24491	MVALDR	AGAP013112-PA	M1(Oxidation)	39	0.002087812	2	720.372	1.81	Malpighian tubule	2R:-:4072829-4072812	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_24492	QQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	45	0.00048475	3	2588.260	1.51	Visceras	2R:-:4073705-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_28206	TNVSNGGEEAGADGAAAGR	AGAP013112-PA	N5(Deamidated)	135	2.66E-13	1	1703.765	3.83	Ovary	2R:-:4073012-4072956	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_30241	AGEGEDSSQWDK	AGAP013112-PA	-	81	1.86E-08	1	1308.540	4.33	Ovary	2R:-:4072865-4072830	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_30480	QFLEIEYHFNDSR	AGAP013112-PA	-	74	5.82E-07	1	1697.795	1.57	Malpighian tubule	2R:-:4072685-4072647	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_31152	KQQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	221	9.12E-22	1	2716.361	3.64	Ovary	2R:-:4073708-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_32490	KSYAQNGGGAGGAGAGGVK	AGAP013112-PA	N6(Deamidated)	53	7.79E-05	1	1607.784	4.1	Ovary	2R:-:4073273-4073217	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_32684	GGNAGADGGEEDDGNDTHNSGKPAASGGGGGGK	AGAP013112-PA	-	153	1.68E-15	1	2870.193	4.16	Ovary	2R:-:4072787-4072689	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_32827	DGAGSHNWGSSK	AGAP013112-PA	-	54	1.75E-05	1	1202.523	4.11	Ovary	2R:-:4073135-4073100	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_34391	SGGPVGGGGNEYPR	AGAP013112-PA	-	55	4.55E-05	1	1303.609	4.66	Male reproductive organs	2R:-:4073351-4073310	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_36213	DGAGSHNWGSSK	AGAP013112-PA	-	46	9.77E-05	1	1202.520	1.11	Malpighian tubule	2R:-:4073135-4073100	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_36426	AGEGEDSSQWDK	AGAP013112-PA	-	39	0.000292563	2	1308.533	-0.89	Salivary gland	2R:-:4072865-4072830	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_37415	KQFLEIEYHFNDSR	AGAP013112-PA	-	70	1.45E-06	1	1825.893	3.23	Malpighian tubule	2R:-:4072688-4072647	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_37519	KAGEGEDSSQWDK	AGAP013112-PA	-	53	3.72E-05	1	1436.630	0.8	Ovary	2R:-:4072868-4072830	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_37855	QQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	103	7.33E-10	1	2588.265	3.28	Malpighian tubule	2R:-:4073705-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_38118	EYGGGENNYR	AGAP013112-PA	-	70	2.93E-07	2	1158.481	-0.37	Ovary	2R:-:4072541-4072512	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_38189	TNVSNGGEEAGADGAAAGR	AGAP013112-PA	-	122	5.53E-12	2	1703.758	0.17	Visceras	2R:-:4073012-4072956	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_43273	GGNAGADGGEEDDGNDTHNSGKPAASGGGGGGKK	AGAP013112-PA	N3(Deamidated)	145	1.69E-14	1	2998.284	2.76	Malpighian tubule	2R:-:4072787-4072686	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_47223	YNNYEDRGGEGGERPQR	AGAP013112-PA	-	54	3.80E-05	1	1996.889	1.87	Malpighian tubule	2R:-:4072472-4072422	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_53492	TNVSNGGEEAGADGAAAGR	AGAP013112-PA	-	140	7.76E-14	2	1703.758	0.17	Head	2R:-:4073012-4072956	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_53783	SGGPVGGGGNEYPRKPR	AGAP013112-PA	-	101	1.12E-09	1	1684.853	0.93	Malpighian tubule	2R:-:4073351-4073301	exon=> In CDS Exon 1 of transcript AGAP013112-PA

JHU_Ag_55250	EYSNNPDQDFQPQDADTSAEANAER	AGAP013112-PA	-	101	2.05E-10	2	2812.159	1.02	Visceras	2R:-:4073087-4073013	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_55909	AGEGEDSSQWDKMVALDR	AGAP013112-PA	M13(Oxidation)	74	3.47E-07	1	2009.886	-0.38	Ovary	2R:-:4072865-4072812	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_58831	NNRPPMGGGPDR	AGAP013112-PA	M6(Oxidation)	38	0.001489361	1	1283.596	3.69	Ovary	2R:-:4072406-4072371	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_58862	KQQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	64	5.75E-06	1	2716.356	1.69	Head	2R:-:4073708-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_61053	SYAQNGGGAGGAGAGGVK	AGAP013112-PA	N5(Deamidated)	142	9.69E-14	1	1478.704	4.1	Ovary	2R:-:4073270-4073217	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_62301	EYGGGENNYRGGEGGGEGTGGGR	AGAP013112-PA	-	136	9.76E-14	1	2186.912	1.73	Malpighian tubule	2R:-:4072541-4072473	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_63476	LKPQYNLR	AGAP013112-PA	-	41	0.000531507	1	1031.601	1.29	Malpighian tubule	2R:-:4072892-4072869	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_63510	VDDEHDFPSLG	AGAP013112-PA	-	42	0.000344326	1	1230.531	3.18	Malpighian tubule	2R:-:4072286-4072254	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_65770	KQQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	116	3.09E-11	1	2716.358	2.43	Visceras	2R:-:4073708-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_66915	QQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	52	0.000105381	3	2588.266	3.63	Head	2R:-:4073705-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_67327	QDAKEYSNNPDQDFQPQDADTSAEANAER	AGAP013112-PA	-	136	1.16E-13	1	3254.380	1.77	Malpighian tubule	2R:-:4073099-4073013	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_69701	MENTSYGINVANR	AGAP013112-PA	N-Term(Acetyl), M1(Oxidation)	106	2.29E-10	1	1526.689	-0.94	Malpighian tubule	2R:-:4073825-4073787	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_72188	MENTSYGINVANR	AGAP013112-PA	N-Term(Acetyl), M1(Oxidation)	90	1.15E-08	2	1526.697	4.34	Ovary	2R:-:4073825-4073787	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_73534	NNRPPMGGGPDRNYEGGMNNTK	AGAP013112-PA	M18(Oxidation)	59	1.13E-05	1	2392.053	0.34	Malpighian tubule	2R:-:4072406-4072341	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_74923	GGTNPGAKFPR	AGAP013112-PA	-	65	5.20E-06	1	1101.580	0.42	Malpighian tubule	2R:-:4073396-4073364	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_79155	GGEGGGEGTGGGRYNNYEDR	AGAP013112-PA	-	54	1.36E-05	1	2001.831	1.24	Malpighian tubule	2R:-:4072511-4072452	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_81898	SYAQNGGGAGGAGAGGVKR	AGAP013112-PA	N5(Deamidated)	82	1.10E-07	1	1634.803	2.19	Ovary	2R:-:4073270-4073214	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_82409	SGGPVGGGGNEYPR	AGAP013112-PA	-	100	1.13E-09	1	1303.604	1.1	Head	2R:-:4073351-4073310	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_82983	MENTSYGINVANR	AGAP013112-PA	N-Term(Acetyl)	64	4.50E-06	2	1510.696	0.37	Ovary	2R:-:4073825-4073787	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_83685	AGEGEDSSQWDK	AGAP013112-PA	-	57	4.93E-06	1	1308.536	1.25	Head	2R:-:4072865-4072830	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_84610	SYAQNGGGAGGAGAGGVK	AGAP013112-PA	N5(Deamidated)	132	9.86E-13	1	1478.702	2.28	Malpighian tubule	2R:-:4073270-4073217	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_85164	YNNYEDRGGEGGERPQR	AGAP013112-PA	-	42	0.000621035	1	1996.891	2.71	Head	2R:-:4072472-4072422	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_85301	LKPQYNLRK	AGAP013112-PA	-	43	0.000168467	1	1159.696	1.16	Malpighian tubule	2R:-:4072892-4072866	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_85428	GGNAGADGGEEDDGNDTHNSGKPAASGGGGGGKK	AGAP013112-PA	-	98	8.71E-10	1	2998.291	5.04	Ovary	2R:-:4072787-4072686	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_87148	AGEGEDSSQWDK	AGAP013112-PA	-	85	7.12E-09	1	1308.536	1.72	Malpighian tubule	2R:-:4072865-4072830	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_87702	LKPQYNLR	AGAP013112-PA	-	32	0.004451526	1	1031.601	0.81	Head	2R:-:4072892-4072869	exon=> In CDS Exon 1 of transcript AGAP013112-PA

JHU_Ag_89254	HAQTNGTGNHLHNQR	AGAP013112-PA	N5(Deamidated),N9(Deamidated),"N5(Deamidated), N9(Deamidated)","Q3(Deamidated), N9(Deamidated)"	82	8.26E-08	2	1686.778	5.1	Ovary	2R:-:4073519-4073475	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_91343	SYAQNGGGAGGAGAGGVK	AGAP013112-PA	N5(Deamidated)	82	9.57E-08	2	1478.698	-0.36	Head	2R:-:4073270-4073217	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_92655	SYAQNGGGAGGAGAGGVKR	AGAP013112-PA	N5(Deamidated)	106	4.39E-10	1	1635.788	2.78	Malpighian tubule	2R:-:4073270-4073214	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_97419	EYSNNPDQDFQPQDADTSAEANAER	AGAP013112-PA	-	148	3.72E-15	1	2812.164	2.5	Head	2R:-:4073087-4073013	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_98248	QHAPAAPKVDDEHDFPSLG	AGAP013112-PA	-	60	1.79E-05	1	2030.963	3.07	Malpighian tubule	2R:-:4072310-4072254	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_98796	EFDGGDGQR	AGAP013112-PA	-	50	3.70E-05	1	980.408	1.22	Malpighian tubule	2R:-:4073300-4073274	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_99551	SGGPVGGGGNEYPR	AGAP013112-PA	N10(Deamidated)	106	3.36E-10	1	1303.609	4.66	Ovary	2R:-:4073351-4073310	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_101836	AGEGEDSSQWDKMVALDR	AGAP013112-PA	-	107	2.32E-10	1	1993.898	3.16	Malpighian tubule	2R:-:4072865-4072812	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_105931	YNNYEDR	AGAP013112-PA	-	48	2.71E-05	2	973.402	1.23	Malpighian tubule	2R:-:4072472-4072452	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_106612	GGEGGERPQR	AGAP013112-PA	-	35	0.002715275	1	1042.507	3.96	Male reproductive organs	2R:-:4072451-4072422	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_107430	SGGPVGGGGNEYPR	AGAP013112-PA	-	88	1.72E-08	1	1303.603	-0.03	Visceras	2R:-:4073351-4073310	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_111824	LKPQYNLR	AGAP013112-PA	-	32	0.005084863	1	1031.600	-0.13	Ovary	2R:-:4072892-4072869	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_111877	KQQAQQQPSQQQGGAAAPAAQPQQGGK	AGAP013112-PA	-	46	0.000341761	1	2716.352	0.34	Salivary gland	2R:-:4073708-4073628	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_112758	VDDEHDFPSLG	AGAP013112-PA	-	50	5.42E-05	1	1230.531	3.28	Ovary	2R:-:4072286-4072254	exon=> In CDS Exon 1 of transcript AGAP013112-PA
JHU_Ag_112587	SPIGSVVIPLR	AGAP013118-PA	-	53	5.60E-06	2	1137.701	1.56	Male reproductive organs	2R:-:47654435-47654403	exon=> In CDS Exon 2 of transcript AGAP013118-PA
JHU_Ag_33483	NAEGEEQPKER	AGAP013122-PA	-	34	0.003766546	1	1286.596	-1.32	Malpighian tubule	2R:-:4785153-4785121	exon=> In CDS Exon 1 of transcript AGAP013122-PA
JHU_Ag_34323	AFVDQTGYVTEAEK	AGAP013122-PA	-	106	3.69E-10	1	1557.744	0.4	Ovary	2R:-:4784874-4784833	exon=> In CDS Exon 1 of transcript AGAP013122-PA
JHU_Ag_47503	RFEDMSLIPGGEYVIGTNEPIFVK	AGAP013122-PA	M5(Oxidation)	108	1.80E-10	1	2727.371	0.36	Ovary	2R:-:4785027-4784956	exon=> In CDS Exon 1 of transcript AGAP013122-PA
JHU_Ag_67466	AFVDQTGYVTEAEK	AGAP013122-PA	-	96	4.23E-09	2	1557.746	1.74	Male reproductive organs	2R:-:4784874-4784833	exon=> In CDS Exon 1 of transcript AGAP013122-PA
JHU_Ag_94440	FGDSFVFQQLLSEPVR	AGAP013122-PA	-	96	3.80E-09	1	1868.955	0.23	Ovary	2R:-:4784832-4784785	exon=> In CDS Exon 1 of transcript AGAP013122-PA
JHU_Ag_101558	QMGSCLGAPEQR	AGAP013123-PA	Q1(Deamidated), M2(Oxidation), C5(Carbamidomethyl)	33	0.001959755	2	1350.563	-10.79	Head	2R:-:43183925-43184074,43182463-43183813	exon=> In CDS Exon 3 and 2 of transcript AGAP013123-PA
JHU_Ag_11454	YRETNEMDLNAMTLNANQR	AGAP013124-PA	M7(Oxidation), M12(Oxidation)	67	2.38E-06	1	2316.043	3.71	Malpighian tubule	2R:-:6111642-6111586	exon=> In CDS Exon 2 of transcript AGAP013124-PA
JHU_Ag_18168	TALMRQLR	AGAP013124-PA	M4(Oxidation), Q6(Deamidated)	46	0.000417251	2	1005.540	-11.01	Pupa	2R:-:6111765-6111742	exon=> In CDS Exon 2 of transcript AGAP013124-PA
JHU_Ag_24975	KVDQQQETVQQELIADVVEEEKPEQQQETVQDHVR	AGAP013124-PA	-	112	5.04E-11	1	4160.032	-1.47	Malpighian tubule	2R:-:6113315-6113211	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_47054	LTMQQLGR	AGAP013124-PA	-	39	0.002336299	2	946.515	1.6	Salivary gland	2R:-:6112364-6112341	exon=> In CDS Exon 1 of transcript AGAP013124-PA

JHU_Ag_51836	NGAPEHVILLDWQITR	AGAP013124-PA	N1(Deamidated)	38	0.001820188	3	1862.987	5.69	Malpighian tubule	2R:-:6111972-6111925	exon=> In CDS Exon 2 of transcript AGAP013124-PA
JHU_Ag_54099	SLLPLIFTYQEEK	AGAP013124-PA	-	68	1.21E-06	1	1580.860	1.86	Malpighian tubule	2R:-:6112562-6112524	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_58237	DRPADFEQFKVPDPLEVMMPEGSPFEAMMIK	AGAP013124-PA	M18(Oxidation), M19(Oxidation), M28(Oxidation), M29(Oxidation)	42	0.00066375	1	3645.668	1.68	Malpighian tubule	2R:-:6112310-6112218	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_65307	EDGFFNVPK	AGAP013124-PA	-	37	0.002495115	2	1052.509	4.08	Malpighian tubule	2R:-:6112511-6112485	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_71419	ATATTPTEASVEK	AGAP013124-PA	-	60	1.79E-05	1	1305.657	2.47	Malpighian tubule	2R:-:6113399-6113361	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_71944	DRPADFEQFK	AGAP013124-PA	-	51	0.000115907	1	1252.599	2.25	Salivary gland	2R:-:6112310-6112281	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_73773	EENVAEVVEEK	AGAP013124-PA	-	64	6.46E-06	1	1274.615	3.17	Malpighian tubule	2R:-:6113210-6113178	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_78365	AGEHNTESGAEQPVVSER	AGAP013124-PA	N-Term(Acetyl)	129	1.73E-12	1	1938.884	2.62	Malpighian tubule	2R:-:6113453-6113400	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_79719	LHAVSLAMKR	AGAP013124-PA	M8(Oxidation)	56	2.06E-05	1	1141.653	1.96	Malpighian tubule	2R:-:6112340-6112311	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_88526	AGEHNTESGAEQPVVSER	AGAP013124-PA	N5(Deamidated)	105	4.04E-10	1	1896.872	1.94	Malpighian tubule	2R:-:6113453-6113400	exon=> In CDS Exon 1 of transcript AGAP013124-PA
JHU_Ag_66474	LTLEEFR	AGAP013126-PA	-	41	0.000920985	2	907.489	0.39	Head	X:+:20359141-20359161	exon=> In CDS Exon 3 of transcript AGAP013126-PA
JHU_Ag_116790	DFHLFHDR	AGAP013128-PA	-	35	0.00302568	1	1086.511	-0.61	Head	2R:-:28484586-28484563	exon=> In CDS Exon 1 of transcript AGAP013128-PA
JHU_Ag_5485	NFLSLLER	AGAP013130-PA	-	62	7.25E-06	2	991.560	2.61	Visceras	2R:+:28086536-28086559	exon=> In CDS Exon 1 of transcript AGAP013130-PA
JHU_Ag_35973	EVLSTEFLEIIQK	AGAP013130-PA	-	99	7.38E-10	1	1548.855	1.86	Visceras	2R:+:28086779-28086817	exon=> In CDS Exon 1 of transcript AGAP013130-PA
JHU_Ag_57977	STATGLTGEQCREVLSTEFLEIIQK	AGAP013130-PA	C11(Carbamidomethyl)	40	0.000948948	3	2810.443	6.62	Malpighian tubule	2R:+:28086743-28086817	exon=> In CDS Exon 1 of transcript AGAP013130-PA
JHU_Ag_67132	NFLSLLER	AGAP013130-PA	-	63	5.63E-06	1	991.557	0.21	Ovary	2R:+:28086536-28086559	exon=> In CDS Exon 1 of transcript AGAP013130-PA
JHU_Ag_70901	EVLSTEFLEIIQK	AGAP013130-PA	-	45	0.000155365	2	1548.862	6.28	Head	2R:+:28086779-28086817	exon=> In CDS Exon 1 of transcript AGAP013130-PA
JHU_Ag_25396	SAEDSGAFALASK	AGAP013131-PA	-	101	1.13E-09	1	1253.603	2.03	Ovary	2R:+:25265790-25265828	exon=> In CDS Exon 1 of transcript AGAP013131-PA
JHU_Ag_2656	RLLPTASEAPQR	AGAP013137-PA	-	40	0.000732799	2	1338.748	-0.6	Midgut	2R:+:20950949-20950984	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_9763	TPCQPFSASTHPVQPVCGYK	AGAP013137-PA	C3(Carbamidomethyl), C17(Carbamidomethyl)	109	1.72E-10	1	2261.047	-0.58	Midgut	2R:+:20950889-20950948	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_58017	QGNEAFSSAFR	AGAP013137-PA	-	80	1.01E-07	2	1213.556	-2.97	Midgut	2R:+:20951033-20951065	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_61553	MSACEECEEDDCNGPK	AGAP013137-PA	C4(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl)," M1(Oxidation), C4(Carbamidomethyl), C7(Carbamidomethyl), C12(Carbamidomethyl)"	108	1.17E-12	1	1930.655	-0.68	Midgut	2R:+:20951066-20951113	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_78444	LLPTASEAPQRIWR	AGAP013137-PA	-	35	0.00126838	1	1637.918	3.65	Malpighian tubule	2R:+:20950952-20950993	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_79517	DCAVSGECALLSR	AGAP013137-PA	C2(Carbamidomethyl), C8(Carbamidomethyl)	87	2.01E-08	2	1437.645	-0.5	Midgut	2R:+:20950994-20951032	exon=> In CDS Exon 1 of transcript AGAP013137-PA

JHU_Ag_82007	LLPTASEAPQR	AGAP013137-PA	-	53	3.47E-05	2	1182.645	-2.39	Midgut	2R:+:20950952-20950984	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_85514	LLPTASEAPQR	AGAP013137-PA	-	65	2.45E-06	2	1182.651	2.36	Malpighian tubule	2R:+:20950952-20950984	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_86356	QGNEAFSSAFR	AGAP013137-PA	-	62	5.78E-06	2	1213.559	-0.45	Visceras	2R:+:20951033-20951065	exon=> In CDS Exon 1 of transcript AGAP013137-PA
JHU_Ag_14148	YLANNEQLIQR	AGAP013141-PA	-	51	0.000106446	2	1361.720	1.96	Malpighian tubule	2L:-:12539004-12538972	exon=> In CDS Exon 1 of transcript AGAP013141-PA
JHU_Ag_73692	VLQLILR	AGAP013141-PA	-	52	3.16E-06	2	854.584	2.24	Visceras	2L:-:12539025-12539005	exon=> In CDS Exon 1 of transcript AGAP013141-PA
JHU_Ag_15607	NGAFSNLFAEGVISER	AGAP013142-PA	N1(Deamidated), N6(Deamidated),N6(Deamidated)	111	1.26E-10	1	1711.829	0.2	Malpighian tubule	2R:-:43082029-43081982	exon=> In CDS Exon 1 of transcript AGAP013142-PA
JHU_Ag_10571	ELYLLFR	AGAP013145-PA,AGAP013145-PB,AGAP013145-PC	-	46	0.000137999	2	953.549	3.34	Male reproductive organs	2R:+:8647014-8647034;2R:+:8647014-8647034;2R:+:8647014-8647034	exon=> In CDS Exon 2 of transcript AGAP013145-PA;exon=> In CDS Exon 2 of transcript AGAP013145-PB;exon=> In CDS Exon 2 of transcript AGAP013145-PC
JHU_Ag_20154	AYEGYEGSLLK	AGAP013145-PA,AGAP013145-PB,AGAP013145-PC	-	39	0.001277567	1	1229.601	-3.06	Male reproductive organs	2R:+:8647035-8647067;2R:+:8647035-8647067;2R:+:8647035-8647067	exon=> In CDS Exon 2 of transcript AGAP013145-PA;exon=> In CDS Exon 2 of transcript AGAP013145-PB;exon=> In CDS Exon 2 of transcript AGAP013145-PC
JHU_Ag_22828	TASPVGFVTFNTR	AGAP013145-PA,AGAP013145-PB,AGAP013145-PC	N11(Deamidated)	56	3.55E-05	2	1396.723	0.77	Head	2R:+:8647089-8647097,8647281-8647310;2R:+:8647089-8647097,8647281-8647310;2R:+:8647089-8647097,8647281-8647310	exon=> In CDS Exon 2 and 3 of transcript AGAP013145-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP013145-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP013145-PC
JHU_Ag_54654	TASPVGFVTFNTR	AGAP013145-PA,AGAP013145-PB,AGAP013145-PC	-	103	7.03E-10	1	1396.724	1.38	Male reproductive organs	2R:+:8647089-8647097,8647281-8647310;2R:+:8647089-8647097,8647281-8647310;2R:+:8647089-8647097,8647281-8647310	exon=> In CDS Exon 2 and 3 of transcript AGAP013145-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP013145-PB;exon=> In CDS Exon 2 and 3 of transcript AGAP013145-PC
JHU_Ag_3328	NVEYNIVVNYVGR	AGAP013146-PC	-	98	2.33E-09	1	1538.796	-0.41	Midgut	2R:+:42060395-42060433	exon=> In CDS Exon 1 of transcript AGAP013146-PC
JHU_Ag_7622	VNYDEALWEK	AGAP013146-PC	-	62	9.05E-06	2	1266.601	0.87	Malpighian tubule	2R:+:42061809-42061838	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_10224	ESSLLYVQEDATSMQQQR	AGAP013146-PC	Q8(Deamidated), M14(Oxidation),Q8(Deamidated)	118	1.77E-11	1	2129.963	-1.38	Midgut	2R:+:42061038-42061091	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_11353	VLDLLSYLK	AGAP013146-PC	-	71	1.58E-07	1	1063.640	-0.11	Salivary gland	2R:+:42061953-42061979	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_12387	WAEAHGGYR	AGAP013146-PC	-	45	0.000210425	2	1046.480	-0.72	Midgut	2R:+:42062785-42062795,42062868-42062883	exon=> In CDS Exon 5 and 6 of transcript AGAP013146-PC
JHU_Ag_12996	HVAMALGGILGR	AGAP013146-PC	M4(Oxidation)	77	1.29E-07	1	1210.673	0.38	Midgut	2R:+:42062884-42062919	exon=> In CDS Exon 6 of transcript AGAP013146-PC

JHU_Ag_16062	ALGNWVDYPFNSVPEITR	AGAP013146-PC	-	84	5.48E-08	1	2078.038	1.63	Salivary gland	2R:+:42060915-42060968	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_16517	LLWPLPITFATK	AGAP013146-PC	-	33	0.000723383	2	1399.840	3.34	Ovary	2R:+:42061650-42061685	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_17321	LDYKPDEYNVYANTPIVNSVPTR	AGAP013146-PC	-	85	4.12E-08	1	2668.332	2.43	Malpighian tubule	2R:+:42060587-42060654,42060740-42060740	exon=> In CDS Exon 1 and 2 of transcript AGAP013146-PC
JHU_Ag_20510	SQDKASALSMLLNNQHALEPAASYLVQNSAR	AGAP013146-PC	M10(Oxidation)	88	2.02E-08	1	3343.684	4.16	Malpighian tubule	2R:+:42062692-42062784	exon=> In CDS Exon 5 of transcript AGAP013146-PC
JHU_Ag_20675	TSIEQFAEASK	AGAP013146-PC	-	45	0.000457885	2	1210.596	0.67	Ovary	2R:+:42062941-42062973	exon=> In CDS Exon 6 of transcript AGAP013146-PC
JHU_Ag_22336	VLDLLSYLK	AGAP013146-PC	-	54	8.09E-06	1	1063.637	-2.52	Visceras	2R:+:42061953-42061979	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_24060	LVLDWTCRYGHDDCSK	AGAP013146-PC	C7(Carbamidomethyl), C14(Carbamidomethyl)	41	0.000722777	1	2024.906	5.08	Malpighian tubule	2R:+:42062245-42062292	exon=> In CDS Exon 3 of transcript AGAP013146-PC
JHU_Ag_26315	QFATARPEQLFTVLDKR	AGAP013146-PC	-	57	1.07E-05	1	2020.096	-0.77	Malpighian tubule	2R:+:42061461-42061511	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_27219	LNDDVWPTHYDIEIKPYFEPEPEK	AGAP013146-PC	-	108	2.68E-10	1	2974.425	3.63	Malpighian tubule	2R:+:42060110-42060181	exon=> In CDS Exon 1 of transcript AGAP013146-PC
JHU_Ag_28335	ASALSMLLNNQHALEPAASYLVQNSAR	AGAP013146-PC	M6(Oxidation)	115	3.86E-11	1	2869.462	-0.06	Midgut	2R:+:42062704-42062784	exon=> In CDS Exon 5 of transcript AGAP013146-PC
JHU_Ag_30373	VNYDEALWEK	AGAP013146-PC	-	79	1.83E-07	1	1266.600	0	Midgut	2R:+:42061809-42061838	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_31921	MSTYLLAFIVAPYELK	AGAP013146-PC	M1(Oxidation)	99	1.41E-09	2	1874.997	-0.3	Midgut	2R:+:42060780-42060827	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_37876	SAVKEFER	AGAP013146-PC	-	50	0.000163411	1	965.505	-0.32	Midgut	2R:+:42062293-42062316	exon=> In CDS Exon 3 of transcript AGAP013146-PC
JHU_Ag_45274	QFATARPEQLFTVLDK	AGAP013146-PC	-	43	0.000445475	1	1864.000	1.98	Malpighian tubule	2R:+:42061461-42061508	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_49593	AFGGIHVLNR	AGAP013146-PC	-	83	3.27E-08	1	1083.607	1.28	Malpighian tubule	2R:+:42061863-42061892	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_49799	AFGGIHVLNR	AGAP013146-PC	-	61	6.03E-06	1	1083.606	0.15	Ovary	2R:+:42061863-42061892	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_51094	FQAPTQYDR	AGAP013146-PC	-	59	1.43E-05	2	1125.531	-0.85	Midgut	2R:+:42062194-42062220	exon=> In CDS Exon 3 of transcript AGAP013146-PC
JHU_Ag_51770	VLDLLSYLK	AGAP013146-PC	-	67	4.27E-07	1	1063.640	0.47	Malpighian tubule	2R:+:42061953-42061979	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_52549	MSTYLLAFIVAPYELK	AGAP013146-PC	M1(Oxidation)	53	4.92E-05	2	1875.009	6.34	Malpighian tubule	2R:+:42060780-42060827	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_53824	ALGNWVDYPFNSVPEITR	AGAP013146-PC	-	58	2.69E-05	2	2078.031	-1.54	Ovary	2R:+:42060915-42060968	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_54033	FQAPTQYDR	AGAP013146-PC	-	33	0.005548205	1	1125.535	2.4	Malpighian tubule	2R:+:42062194-42062220	exon=> In CDS Exon 3 of transcript AGAP013146-PC
JHU_Ag_59219	LDYKPDEYNVYANTPIVNSVPTR	AGAP013146-PC	-	76	3.61E-07	1	2668.330	1.61	Salivary gland	2R:+:42060587-42060654,42060740-42060740	exon=> In CDS Exon 1 and 2 of transcript AGAP013146-PC
JHU_Ag_59410	MLEHYLSPDAFQAAIR	AGAP013146-PC	M1(Oxidation)	79	2.06E-07	1	1877.925	1.8	Malpighian tubule	2R:+:42061395-42061442	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_61003	TSIEQFAEASKDVLGR	AGAP013146-PC	-	118	2.26E-11	1	1750.901	2.33	Midgut	2R:+:42062941-42062988	exon=> In CDS Exon 6 of transcript AGAP013146-PC
JHU_Ag_62100	ALGNWVDYPFNSVPEITR	AGAP013146-PC	-	116	3.40E-11	1	2078.036	0.93	Malpighian tubule	2R:+:42060915-42060968	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_66128	TSIEQFAEASK	AGAP013146-PC	-	74	5.95E-07	2	1210.594	-0.74	Malpighian tubule	2R:+:42062941-42062973	exon=> In CDS Exon 6 of transcript AGAP013146-PC
JHU_Ag_67000	AQIVDDLLNLAK	AGAP013146-PC	-	69	7.06E-07	2	1312.747	0.15	Ovary	2R:+:42061893-42061928	exon=> In CDS Exon 2 of transcript AGAP013146-PC

JHU_Ag_67530	LVLDWTCR	AGAP013146-PC	C7(Carbamidomethyl)	37	0.003903876	2	1062.540	0.31	Midgut	2R:+:42062245-42062268	exon=> In CDS Exon 3 of transcript AGAP013146-PC
JHU_Ag_75126	VLDLLSYLK	AGAP013146-PC	-	58	3.40E-06	1	1063.640	-0.11	Midgut	2R:+:42061953-42061979	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_75285	LDYKPDEYNVYANTPIVNSVPTR	AGAP013146-PC	N18(Deamidated)	81	1.01E-07	1	2668.324	-0.59	Midgut	2R:+:42060587-42060654,42060740-42060740	exon=> In CDS Exon 1 and 2 of transcript AGAP013146-PC
JHU_Ag_77372	LFTQYLMDILTDVYEYVK	AGAP013146-PC	M7(Oxidation)	34	0.006728011	1	2270.132	0.91	Midgut	2R:+:42062064-42062072,42062149-42062193	exon=> In CDS Exon 2 and 3 of transcript AGAP013146-PC
JHU_Ag_77444	LVLDWTCR	AGAP013146-PC	C7(Carbamidomethyl)	38	0.00322475	2	1062.540	-0.5	Malpighian tubule	2R:+:42062245-42062268	exon=> In CDS Exon 3 of transcript AGAP013146-PC
JHU_Ag_77790	TSIEQFAEASK	AGAP013146-PC	-	66	3.13E-06	2	1210.595	-0.04	Salivary gland	2R:+:42062941-42062973	exon=> In CDS Exon 6 of transcript AGAP013146-PC
JHU_Ag_81066	AQIVDDLLNLAK	AGAP013146-PC	-	78	9.29E-08	1	1312.750	2.01	Salivary gland	2R:+:42061893-42061928	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_82003	TLATFGITPK	AGAP013146-PC	-	57	1.67E-05	2	1048.603	-0.55	Midgut	2R:+:42060750-42060779	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_86233	MEEDMGGFYR	AGAP013146-PC	M1(Oxidation), M5(Oxidation)	39	0.00012015	1	1266.475	-1.07	Malpighian tubule	2R:+:42060434-42060463	exon=> In CDS Exon 1 of transcript AGAP013146-PC
JHU_Ag_90811	QVWLGSTQFEQTEAR	AGAP013146-PC	-	103	1.04E-09	1	1779.868	1.18	Malpighian tubule	2R:+:42060488-42060532	exon=> In CDS Exon 1 of transcript AGAP013146-PC
JHU_Ag_92596	ALGNWVDYPFNSVPEITR	AGAP013146-PC	N4(Deamidated),N11(Deamidated)	88	2.52E-08	1	2078.034	0.11	Midgut	2R:+:42060915-42060968	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_93179	SAVKEFER	AGAP013146-PC	-	54	5.08E-05	2	965.509	3.72	Malpighian tubule	2R:+:42062293-42062316	exon=> In CDS Exon 3 of transcript AGAP013146-PC
JHU_Ag_93606	HVAMALGGILGR	AGAP013146-PC	M4(Oxidation)	65	1.85E-06	1	1210.672	-0.53	Malpighian tubule	2R:+:42062884-42062919	exon=> In CDS Exon 6 of transcript AGAP013146-PC
JHU_Ag_94255	AQIVDDLLNLAK	AGAP013146-PC	-	92	4.16E-09	2	1312.745	-1.8	Midgut	2R:+:42061893-42061928	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_98006	LLWPLPITFATK	AGAP013146-PC	-	54	6.61E-06	1	1399.837	1.59	Midgut	2R:+:42061650-42061685	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_98588	QVWLGSTQFEQTEAR	AGAP013146-PC	-	60	2.05E-05	2	1779.867	0.36	Ovary	2R:+:42060488-42060532	exon=> In CDS Exon 1 of transcript AGAP013146-PC
JHU_Ag_99259	AFGGIHVLNR	AGAP013146-PC	-	59	9.62E-06	1	1083.605	-0.75	Midgut	2R:+:42061863-42061892	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_103204	ASALSMLLNNQHALEPAASYLVQNSAR	AGAP013146-PC	-	45	0.000393166	1	2869.464	0.38	Ovary	2R:+:42062704-42062784	exon=> In CDS Exon 5 of transcript AGAP013146-PC
JHU_Ag_104546	VNYDEALWEK	AGAP013146-PC	-	58	2.24E-05	2	1266.600	0.1	Ovary	2R:+:42061809-42061838	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_105565	QFATARPEQLFTVLDKR	AGAP013146-PC	-	78	8.69E-08	1	2020.098	0.08	Midgut	2R:+:42061461-42061511	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_107294	TSIEQFAEASK	AGAP013146-PC	-	80	1.25E-07	2	1210.593	-2.05	Midgut	2R:+:42062941-42062973	exon=> In CDS Exon 6 of transcript AGAP013146-PC
JHU_Ag_107326	ADVLGYGK	AGAP013146-PC	-	36	0.003405122	2	822.436	0.03	Midgut	2R:+:42061929-42061952	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_108159	FMNLVSSADVR	AGAP013146-PC	M2(Oxidation)	74	6.10E-07	2	1238.620	0.15	Midgut	2R:+:42062659-42062691	exon=> In CDS Exon 5 of transcript AGAP013146-PC
JHU_Ag_109411	QVWLGSTQFEQTEAR	AGAP013146-PC	-	97	4.12E-09	2	1779.871	2.55	Midgut	2R:+:42060488-42060532	exon=> In CDS Exon 1 of transcript AGAP013146-PC
JHU_Ag_109542	ASALSMLLNNQHALEPAASYLVQNSAR	AGAP013146-PC	M6(Oxidation)	126	2.66E-12	1	2869.468	1.98	Malpighian tubule	2R:+:42062704-42062784	exon=> In CDS Exon 5 of transcript AGAP013146-PC
JHU_Ag_109585	TLATFGITPK	AGAP013146-PC	-	51	4.03E-05	2	1048.606	1.9	Malpighian tubule	2R:+:42060750-42060779	exon=> In CDS Exon 2 of transcript AGAP013146-PC

JHU_Ag_111446	MEEDMGGFYR	AGAP013146-PC	M5(Oxidation),"M1(Oxidation), M5(Oxidation)",M1(Oxidation)	74	4.99E-08	2	1234.487	-0.24	Midgut	2R:+:42060434-42060463	exon=> In CDS Exon 1 of transcript AGAP013146-PC
JHU_Ag_112234	AQIVDDLLNLAK	AGAP013146-PC	-	61	4.57E-06	2	1312.748	0.8	Visceras	2R:+:42061893-42061928	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_112848	AQIVDDLLNLAK	AGAP013146-PC	-	97	1.10E-09	1	1312.749	1.73	Malpighian tubule	2R:+:42061893-42061928	exon=> In CDS Exon 2 of transcript AGAP013146-PC
JHU_Ag_116896	TSIEQFAEASKDVLGR	AGAP013146-PC	-	78	2.39E-07	1	1750.898	0.54	Malpighian tubule	2R:+:42062941-42062988	exon=> In CDS Exon 6 of transcript AGAP013146-PC
JHU_Ag_16670	ELGLPVAIVNIGATR	AGAP013148-PA	-	42	0.000107714	2	1522.893	-1.48	Ovary	2R:+:43161377-43161421	exon=> In CDS Exon 1 of transcript AGAP013148-PA
JHU_Ag_9846	TQEAQNTSTEMK	AGAP013149-PA,AGAP012982-PA	Q5(Deamidated), M11(Oxidation),N6(Deamidated),M11(Oxidation)	89	1.09E-08	1	1367.610	-0.64	Head	2R:-:736373-736338;2R:+:674799-674834	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA
JHU_Ag_24364	YVPEGNMTACGTDYLTQTWLSR	AGAP013149-PA,AGAP012982-PA	M7(Oxidation), C10(Carbamidomethyl)	67	1.97E-06	2	2579.148	-2.31	Head	2R:-:736586-736521;2R:+:674586-674651	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA
JHU_Ag_30708	FPSLSCQDAPVDDGQSVASGATQASDEKA	AGAP013149-PA,AGAP012982-PA	C6(Carbamidomethyl)	148	1.32E-14	1	2938.301	-0.03	Head	2R:-:736127-736041;2R:+:675045-675131	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA
JHU_Ag_95734	FPSLSCQDAPVDDGQSVASGATQASDEK	AGAP013149-PA,AGAP012982-PA	C6(Carbamidomethyl)	142	5.02E-14	1	2867.262	-0.45	Head	2R:-:736127-736044;2R:+:675045-675128	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA
JHU_Ag_2390	GLAGKPMTNNGALLR	AGAP013149-PA,AGAP012982-PA,AGAP001161-PA	M7(Oxidation)	57	2.04E-05	1	1528.827	0.02	Head	2R:-:736694-736650;2R:+:674478-674522;2R:-:666712-666668	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA;exon=> In CDS Exon 1 of transcript AGAP001161-PA
JHU_Ag_5163	AAPISPLATIWGSLFAK	AGAP013149-PA,AGAP012982-PA,AGAP001161-PA	-	132	2.43E-13	1	1742.989	3.01	Head	2R:-:736250-736200;2R:+:674922-674972;2R:-:666171-666121	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA;exon=> In CDS Exon 2 of transcript AGAP001161-PA
JHU_Ag_67504	YNVIVK	AGAP013149-PA,AGAP012982-PA,AGAP001161-PA	-	53	2.03E-05	2	735.439	-1.05	Head	2R:-:736712-736695;2R:+:674460-674477;2R:-:666730-666713	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA;exon=> In CDS Exon 1 of transcript AGAP001161-PA
JHU_Ag_87662	MNVASLR	AGAP013149-PA,AGAP012982-PA,AGAP001162-PA,AGAP001161-PA	M1(Oxidation)	61	1.02E-05	2	806.420	1.57	Head	2R:-:736394-736374;2R:+:674778-674798;2R:-:669430-669410;2R:-:666315-666295	exon=> In CDS Exon 1 of transcript AGAP013149-PA;exon=> In CDS Exon 1 of transcript AGAP012982-PA;exon=> In CDS Exon 2 of transcript AGAP001162-PA;exon=> In CDS Exon 2 of transcript AGAP001161-PA
JHU_Ag_2245	FVHSWVNQAGYPVLEVR	AGAP013150-PA	-	63	7.32E-06	1	2001.033	-0.62	Male reproductive organs	2R:+:48730837-48730887	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_5973	VNYDPSNWYMLIR	AGAP013150-PA	M10(Oxidation)	101	1.11E-09	1	1686.796	0.85	Male reproductive organs	2R:+:48731119-48731157	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_10708	LSILQSVLSSR	AGAP013150-PA	-	72	2.66E-07	2	1202.709	-1.21	Male reproductive organs	2R:+:48731797-48731829	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_14153	AAFPCLDEPALK	AGAP013150-PA	C5(Carbamidomethyl)	76	3.94E-07	1	1331.666	-0.22	Male reproductive organs	2R:+:48729738-48729773	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_24748	EEVLLFEPGVTTYR	AGAP013150-PA	-	73	6.93E-07	1	1652.853	0	Male reproductive organs	2R:+:48730315-48730356	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_35982	LPSYIVPTHYK	AGAP013150-PA	-	63	6.13E-06	1	1317.720	-0.3	Male reproductive organs	2R:+:48729324-48729356	exon=> In CDS Exon 1 of transcript AGAP013150-PA

JHU_Ag_49123	TLLEDTAAIPMHSR	AGAP013150-PA	M11(Oxidation)	80	1.36E-07	1	1570.789	-0.21	Male reproductive organs	2R:+:48731158-48731199	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_52193	YREEVLLFEPGVTTYR	AGAP013150-PA	-	84	5.63E-08	1	1972.017	-0.07	Male reproductive organs	2R:+:48730221-48730225,48730314-48730356	exon=> In CDS Exon 2 and 3 of transcript AGAP013150-PA
JHU_Ag_55343	AVSNMPIFAEAGDLDGNVVTYFETTPR	AGAP013150-PA	M5(Oxidation)	82	7.63E-08	2	2930.393	1.73	Male reproductive organs	2R:+:48729816-48729850,48729923-48729968	exon=> In CDS Exon 1 and 2 of transcript AGAP013150-PA
JHU_Ag_55420	LNTLDPVSLQEVAAQELR	AGAP013150-PA	-	153	3.97E-15	1	1996.071	0.15	Male reproductive organs	2R:+:48729264-48729317	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_60805	EFAVFAIR	AGAP013150-PA	-	63	3.15E-06	2	952.525	-0.06	Male reproductive organs	2R:+:48729561-48729584	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_62231	QVISSWACR	AGAP013150-PA	C8(Carbamidomethyl)	54	7.00E-05	2	1106.544	2.76	Male reproductive organs	2R:+:48731476-48731502	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_68095	AQLIDDSFHLAR	AGAP013150-PA	-	103	5.86E-10	1	1385.721	2.53	Male reproductive organs	2R:+:48731200-48731235	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_68798	ATVELGIK	AGAP013150-PA	-	52	8.31E-05	2	830.503	5.34	Male reproductive organs	2R:+:48729774-48729797	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_69579	LLLPDAAWR	AGAP013150-PA	-	52	3.38E-05	2	1054.604	-0.26	Male reproductive organs	2R:+:48730684-48730710	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_74831	KLNTLDPVSLQEVAAQELR	AGAP013150-PA	-	123	2.89E-12	1	2124.167	0.48	Male reproductive organs	2R:+:48729261-48729317	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_81691	YTEDAEREFAVFAIR	AGAP013150-PA	-	69	2.20E-06	1	1816.885	-0.71	Male reproductive organs	2R:+:48729540-48729584	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_86227	DLFNVQVVQR	AGAP013150-PA	-	83	8.08E-08	1	1217.664	0.29	Male reproductive organs	2R:+:48730522-48730551	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_93534	YRLPSYIVPTHYK	AGAP013150-PA	-	66	2.44E-06	1	1636.884	-0.12	Male reproductive organs	2R:+:48729318-48729356	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_93986	VLITDAAESTRPMTFSR	AGAP013150-PA	M13(Oxidation)	83	7.46E-08	1	1910.964	-0.12	Male reproductive organs	2R:+:48730552-48730602	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_94560	YVASTQFQAISAR	AGAP013150-PA	-	96	2.79E-09	1	1441.744	0.17	Male reproductive organs	2R:+:48729699-48729737	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_95056	TAPTVAFQYLFGK	AGAP013150-PA	-	89	1.31E-08	1	1442.769	0.92	Male reproductive organs	2R:+:48731617-48731655	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_102945	EVFDAEPVHPDVSAVVYCYGLR	AGAP013150-PA	C18(Carbamidomethyl)	57	2.99E-05	1	2522.205	0.96	Male reproductive organs	2R:+:48731551-48731616	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_116571	GGSVLQMFR	AGAP013150-PA	M7(Oxidation)	58	1.91E-05	2	994.515	0.84	Male reproductive organs	2R:+:48730657-48730683	exon=> In CDS Exon 3 of transcript AGAP013150-PA
JHU_Ag_117469	KYVASTQFQAISAR	AGAP013150-PA	-	102	6.97E-10	1	1569.842	2.41	Male reproductive organs	2R:+:48729696-48729737	exon=> In CDS Exon 1 of transcript AGAP013150-PA
JHU_Ag_19203	LDSRQSFLSLSDLIK	AGAP013153-PA	Q5(Deamidated)	29	0.011284516	1	1722.919	-4.55	Head	2R:+:40685804-40685848	exon=> In CDS Exon 2 of transcript AGAP013153-PA
JHU_Ag_11296	AQLINDAFNLAR	AGAP013155-PA	-	96	3.64E-09	2	1345.731	6.26	Larva	2R:+:11832167-11832202	exon=> In CDS Exon 2 of transcript AGAP013155-PA
JHU_Ag_31881	AQLINDAFNLAR	AGAP013155-PA	N5(Deamidated)	80	1.61E-07	1	1346.712	4.43	Malpighian tubule	2R:+:11832167-11832202	exon=> In CDS Exon 2 of transcript AGAP013155-PA
JHU_Ag_35387	YLSNEHEYAPWAAANGVLNYFYNK	AGAP013155-PA	-	60	1.34E-05	3	2834.320	-0.31	Larva	2R:+:11832245-11832316	exon=> In CDS Exon 2 of transcript AGAP013155-PA
JHU_Ag_44711	YVGTTQFESTNAR	AGAP013155-PA	-	75	4.03E-07	2	1473.699	1.53	Larva	2R:+:11830741-11830779	exon=> In CDS Exon 1 of transcript AGAP013155-PA
JHU_Ag_48750	DQDGLLVEFGFPHHEFDQR	AGAP013155-PA	-	73	7.82E-07	1	2286.070	5.5	Larva	2R:+:11830540-11830596	exon=> In CDS Exon 1 of transcript AGAP013155-PA
JHU_Ag_58249	YAETGLLFDPAR	AGAP013155-PA	-	78	2.47E-07	2	1352.697	8.98	Larva	2R:+:11831191-11831226	exon=> In CDS Exon 1 of transcript AGAP013155-PA
JHU_Ag_61520	AGFTLWITHIAEYNAVSNMPVEEVVPSEEHEGYVTTK	AGAP013155-PA	M19(Oxidation)	70	9.41E-07	1	4164.007	4	Larva	2R:+:11830816-11830926	exon=> In CDS Exon 1 of transcript AGAP013155-PA

JHU_Ag_67040	FGQGTLNNVVSNVASR	AGAP013155-PA	-	110	1.39E-10	1	1662.867	6.39	Larva	2R:+:11832872-11832919	exon=> In CDS Exon 2 of transcript AGAP013155-PA
JHU_Ag_94782	GGGAMENWGLVK	AGAP013155-PA	M5(Oxidation)	66	3.72E-06	1	1234.592	2.75	Larva	2R:+:11831155-11831190	exon=> In CDS Exon 1 of transcript AGAP013155-PA
JHU_Ag_99466	ILDALSEYTYVNYYDYMPK	AGAP013155-PA	M17(Oxidation)	77	2.77E-07	2	2377.109	6.08	Larva	2R:+:11831071-11831127	exon=> In CDS Exon 1 of transcript AGAP013155-PA
JHU_Ag_100359	LSQMAIPDR	AGAP013155-PA	M4(Oxidation)	53	8.78E-05	1	1046.533	2.91	Larva	2R:+:11831128-11831154	exon=> In CDS Exon 1 of transcript AGAP013155-PA
JHU_Ag_108065	LHTDLHTGSR	AGAP013155-PA	-	38	0.003225 59	2	1136.586	4.3	Larva	2R:+:11830402-11830431	exon=> In CDS Exon 1 of transcript AGAP013155-PA
JHU_Ag_111785	VNYDAHNWLMIANALR	AGAP013155-PA	M10(Oxidation)	62	1.00E-05	1	1916.952	4.45	Larva	2R:+:11832086-11832133	exon=> In CDS Exon 2 of transcript AGAP013155-PA
JHU_Ag_88648	SGSVLNMFR	AGAP013155-PA,AGAP001881-PA	N6(Deamidated), M7(Oxidation),M7(Oxidation)	42	0.000660 888	2	1026.503	-0.99	Midgut	2R:+:11831536-11831536,11831622-11831647;2R:+:11835702-11835728	exon=> In CDS Exon 1 and 2 of transcript AGAP013155-PA;exon=> In CDS Exon 2 of transcript AGAP001881-PA
JHU_Ag_66981	AIDTQLSSGSGLKR	AGAP013156-PA	-	75	3.85E-07	2	1432.777	1.32	Male reproductive organs	2R:-:23833954-23833913	exon=> In CDS Exon 2 of transcript AGAP013156-PA
JHU_Ag_17218	DGLPVGIQVVAGPNQDR	AGAP013161-PA	-	80	1.26E-07	1	1734.909	-2.42	Visceras	2R:-:20797944-20797894	exon=> In CDS Exon 3 of transcript AGAP013161-PA
JHU_Ag_17335	LPATELAER	AGAP013161-PA	-	44	0.000429 176	2	999.547	0.36	Visceras	2R:-:20802003-20801977	exon=> In CDS Exon 1 of transcript AGAP013161-PA
JHU_Ag_19513	DGLPVGIQVVAGPNQDR	AGAP013161-PA	-	109	1.36E-10	1	1734.912	-0.59	Midgut	2R:-:20797944-20797894	exon=> In CDS Exon 3 of transcript AGAP013161-PA
JHU_Ag_25467	VDPFPAIRDELLR	AGAP013161-PA	-	38	0.001197 572	1	1540.852	2.22	Midgut	2R:-:20802042-20802004	exon=> In CDS Exon 1 of transcript AGAP013161-PA
JHU_Ag_34654	DGLPVGIQVVAGPNQDR	AGAP013161-PA	-	42	0.000659 083	1	1734.921	4.13	Head	2R:-:20797944-20797894	exon=> In CDS Exon 3 of transcript AGAP013161-PA
JHU_Ag_40050	LAEPVNVDK	AGAP013161-PA	-	37	0.001783 374	2	984.536	0.34	Midgut	2R:-:20798593-20798567	exon=> In CDS Exon 2 of transcript AGAP013161-PA
JHU_Ag_49804	LAEPVNVDKVK	AGAP013161-PA	-	42	0.000299 749	2	1211.701	1.23	Malpighian tubule	2R:-:20798593-20798561	exon=> In CDS Exon 2 of transcript AGAP013161-PA
JHU_Ag_51432	MELLLK	AGAP013161-PA	M1(Oxidation)	37	0.001309 477	1	762.445	1.94	Male reproductive organs	2R:-:20802135-20802118	exon=> In CDS Exon 1 of transcript AGAP013161-PA
JHU_Ag_55050	GGYTEPLNFR	AGAP013161-PA	-	45	0.000428 807	2	1153.563	-0.67	Midgut	2R:-:20798458-20798429	exon=> In CDS Exon 2 of transcript AGAP013161-PA
JHU_Ag_57690	LDLTVNAVPIAPEIR	AGAP013161-PA	-	34	0.000631 013	2	1620.937	3.18	Head	2R:-:20798542-20798498	exon=> In CDS Exon 2 of transcript AGAP013161-PA
JHU_Ag_65802	LDLTVNAVPIAPEIR	AGAP013161-PA	-	84	1.23E-08	2	1620.931	-0.88	Midgut	2R:-:20798542-20798498	exon=> In CDS Exon 2 of transcript AGAP013161-PA
JHU_Ag_66365	LDLTVNAVPIAPEIR	AGAP013161-PA	-	29	0.002013 901	1	1620.938	3.79	Salivary gland	2R:-:20798542-20798498	exon=> In CDS Exon 2 of transcript AGAP013161-PA
JHU_Ag_26228	TDASESITSNEISTALAHPGYK	AGAP013164-PA	-	108	2.36E-10	1	2292.106	2.91	Larva	2R:-:57635137-57635072	exon=> In CDS Exon 2 of transcript AGAP013164-PA
JHU_Ag_46765	TIVTTATIVESMPVIVHIR	AGAP013164-PA	M12(Oxidation)	78	3.59E-08	2	2096.187	4.09	Larva	2R:-:57635218-57635162	exon=> In CDS Exon 2 of transcript AGAP013164-PA
JHU_Ag_49031	TEVLEAIVR	AGAP013165-PA	-	60	1.13E-05	2	1029.595	1.05	Ovary	2R:+:14821784-14821810	exon=> In CDS Exon 2 of transcript AGAP013165-PA
JHU_Ag_5300	ESLPINQLFFPGGPQTLR	AGAP013167-PA	-	53	4.74E-05	2	2014.077	0.73	Ovary	2R:+:15146880-15146933	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_7726	ISIDTSKGEGASK	AGAP013167-PA	-	48	0.000224 32	1	1292.669	-0.43	Malpighian tubule	2R:+:15146025-15146063	exon=> In CDS Exon 3 of transcript AGAP013167-PA
JHU_Ag_13815	VYIAGLQR	AGAP013167-PA	-	44	0.000273 24	2	919.536	-0.55	Salivary gland	2R:+:15145798-15145821	exon=> In CDS Exon 2 of transcript AGAP013167-PA

JHU_Ag_15176	ESLPINQLFFPGGPQTLR	AGAP013167-PA	-	79	1.04E-07	2	2014.073	-1.39	Midgut	2R:+:15146880-15146933	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_26020	AQNFQDVIVETANVKDDLLR	AGAP013167-PA	-	92	7.10E-09	1	2288.198	4.19	Ovary	2R:+:15145867-15145904,15145979-15146000	exon=> In CDS Exon 2 and 3 of transcript AGAP013167-PA
JHU_Ag_30017	VYIAGLQR	AGAP013167-PA	-	38	0.001124143	1	919.538	2.11	Malpighian tubule	2R:+:15145798-15145821	exon=> In CDS Exon 2 of transcript AGAP013167-PA
JHU_Ag_34701	LTKPFYHTAVGDYEPETSITVFR	AGAP013167-PA	-	37	0.002554296	1	2671.336	-1.79	Midgut	2R:+:15146331-15146377,15146447-15146468	exon=> In CDS Exon 4 and 5 of transcript AGAP013167-PA
JHU_Ag_37049	STAGIGIAFR	AGAP013167-PA	-	59	1.30E-05	2	992.552	-0.92	Salivary gland	2R:+:15147193-15147222	exon=> In CDS Exon 6 of transcript AGAP013167-PA
JHU_Ag_39492	STAGIGIAFR	AGAP013167-PA	-	60	1.03E-05	2	992.552	-0.24	Male reproductive organs	2R:+:15147193-15147222	exon=> In CDS Exon 6 of transcript AGAP013167-PA
JHU_Ag_43149	AQNFQDVIVETANVKDDLLR	AGAP013167-PA	-	74	3.96E-07	1	2288.197	3.71	Visceras	2R:+:15145867-15145904,15145979-15146000	exon=> In CDS Exon 2 and 3 of transcript AGAP013167-PA
JHU_Ag_43462	ISIDTSKGEGASK	AGAP013167-PA	-	75	4.26E-07	1	1292.672	2.31	Ovary	2R:+:15146025-15146063	exon=> In CDS Exon 3 of transcript AGAP013167-PA
JHU_Ag_49609	LSQLGIVR	AGAP013167-PA	-	53	4.07E-05	2	885.553	1.39	Ovary	2R:+:15146760-15146783	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_58365	IEFNYCQPLSYEAGDR	AGAP013167-PA	C6(Carbamidomethyl)	90	8.53E-09	1	1961.868	-0.97	Midgut	2R:+:15147241-15147288	exon=> In CDS Exon 6 of transcript AGAP013167-PA
JHU_Ag_61114	AQNFQDVIVETANVKDDLLR	AGAP013167-PA	-	83	5.84E-08	1	2288.195	3.06	Male reproductive organs	2R:+:15145867-15145904,15145979-15146000	exon=> In CDS Exon 2 and 3 of transcript AGAP013167-PA
JHU_Ag_61994	THAFYNIGTCDTYTTDKLR	AGAP013167-PA	C10(Carbamidomethyl)	66	3.51E-06	1	2277.064	1.64	Malpighian tubule	2R:+:15147072-15147117,15147182-15147192	exon=> In CDS Exon 5 and 6 of transcript AGAP013167-PA
JHU_Ag_63153	YIGQYEGRDDSVFPSSGVYAK	AGAP013167-PA	-	75	4.53E-07	1	2338.106	3.25	Ovary	2R:+:15146670-15146732	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_64600	AQNFQDVIVETANVK	AGAP013167-PA	-	76	3.45E-07	2	1675.871	3.27	Head	2R:+:15145867-15145904,15145979-15145985	exon=> In CDS Exon 2 and 3 of transcript AGAP013167-PA
JHU_Ag_64822	AQNFQDVIVETANVKDDLLR	AGAP013167-PA	-	84	4.48E-08	1	2288.197	3.71	Malpighian tubule	2R:+:15145867-15145904,15145979-15146000	exon=> In CDS Exon 2 and 3 of transcript AGAP013167-PA
JHU_Ag_66957	LTKPFYHTAVGDYEPETSITVFR	AGAP013167-PA	-	39	0.001751904	1	2671.348	2.8	Head	2R:+:15146331-15146377,15146447-15146468	exon=> In CDS Exon 4 and 5 of transcript AGAP013167-PA
JHU_Ag_67658	STAGIGIAFR	AGAP013167-PA	-	80	9.96E-08	2	992.554	2.1	Malpighian tubule	2R:+:15147193-15147222	exon=> In CDS Exon 6 of transcript AGAP013167-PA
JHU_Ag_67671	NGYTVTFTGEELSR	AGAP013167-PA	-	39	0.001853226	2	1573.756	3.95	Ovary	2R:+:15146064-15146105	exon=> In CDS Exon 3 of transcript AGAP013167-PA
JHU_Ag_70589	VYIAGLQR	AGAP013167-PA	-	36	0.001650228	1	919.536	0.32	Ovary	2R:+:15145798-15145821	exon=> In CDS Exon 2 of transcript AGAP013167-PA
JHU_Ag_75665	VYIAGLQR	AGAP013167-PA	-	35	0.00227271	2	919.536	0.25	Midgut	2R:+:15145798-15145821	exon=> In CDS Exon 2 of transcript AGAP013167-PA
JHU_Ag_76717	IGAILQDK	AGAP013167-PA	-	44	0.000390231	2	857.508	-0.92	Salivary gland	2R:+:15146850-15146873	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_76881	AQNFQDVIVETANVKDDLLR	AGAP013167-PA	-	87	2.23E-08	1	2288.193	2.1	Midgut	2R:+:15145867-15145904,15145979-15146000	exon=> In CDS Exon 2 and 3 of transcript AGAP013167-PA
JHU_Ag_81937	YIGQYEGRDDSVFPSSGVYAK	AGAP013167-PA	-	83	7.86E-08	1	2338.098	-0.11	Malpighian tubule	2R:+:15146670-15146732	exon=> In CDS Exon 5 of transcript AGAP013167-PA

JHU_Ag_82652	DDSVFPSSGVYAK	AGAP013167-PA	-	55	2.80E-05	2	1371.642	-0.53	Head	2R:+:15146694-15146732	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_88082	ESLPINQLFFPGGPQTLR	AGAP013167-PA	-	69	1.17E-06	1	2014.078	0.97	Salivary gland	2R:+:15146880-15146933	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_93006	ESLPINQLFFPGGPQTLR	AGAP013167-PA	-	62	6.65E-06	1	2014.075	-0.48	Male reproductive organs	2R:+:15146880-15146933	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_96342	LSQLGIVR	AGAP013167-PA	-	40	0.000888 82	2	885.553	1.94	Malpighian tubule	2R:+:15146760-15146783	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_98496	LSLNLSR	AGAP013167-PA	-	51	0.000155 338	2	802.478	-0.11	Midgut	2R:+:15146277-15146297	exon=> In CDS Exon 4 of transcript AGAP013167-PA
JHU_Ag_103293	LTKPFYHTAVGDYEPETSITVFR	AGAP013167-PA	-	66	3.30E-06	1	2671.356	5.95	Ovary	2R:+:15146331-15146377,15146447-15146468	exon=> In CDS Exon 4 and 5 of transcript AGAP013167-PA
JHU_Ag_104081	YIGQYEGRDDSVFPSSGVYAK	AGAP013167-PA	-	41	0.001080 973	2	2338.102	1.56	Midgut	2R:+:15146670-15146732	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_107965	ESLPINQLFFPGGPQTLR	AGAP013167-PA	-	46	0.000185 298	1	2014.087	5.45	Malpighian tubule	2R:+:15146880-15146933	exon=> In CDS Exon 5 of transcript AGAP013167-PA
JHU_Ag_114564	LSLNLSR	AGAP013167-PA	-	43	0.000476 613	2	802.481	2.93	Salivary gland	2R:+:15146277-15146297	exon=> In CDS Exon 4 of transcript AGAP013167-PA
JHU_Ag_114846	AQNFQDVIVETANVKDDLLR	AGAP013167-PA	-	74	4.23E-07	1	2288.196	3.39	Head	2R:+:15145867-15145904,15145979-15146000	exon=> In CDS Exon 2 and 3 of transcript AGAP013167-PA
JHU_Ag_108620	LETLVSSLYHNLNK	AGAP013170-PA	-	65	4.16E-06	2	1630.882	1.19	Head	2R:+:36776227-36776268	exon=> In CDS Exon 2 of transcript AGAP013170-PA
JHU_Ag_34917	APSASANAGASSK	AGAP013175-PA,AGAP013421-PA	-	77	3.49E-07	2	1118.546	1.79	Larva	X:-:7732796-7732758;X:-:7728053-7728015	exon=> In CDS Exon 2 of transcript AGAP013175-PA;exon=> In CDS Exon 2 of transcript AGAP013421-PA
JHU_Ag_76542	APSASANAGASSKAASQTEEK	AGAP013175-PA,AGAP013421-PA	-	164	5.36E-16	1	1962.908	-14.4	Larva	X:-:7732796-7732734;X:-:7728053-7727991	exon=> In CDS Exon 2 of transcript AGAP013175-PA;exon=> In CDS Exon 2 of transcript AGAP013421-PA
JHU_Ag_2798	DEVILEPFPALSR	AGAP013179-PA	-	68	2.18E-06	2	1485.798	2.05	Head	2R:+:41154090-41154128	exon=> In CDS Exon 5 of transcript AGAP013179-PA
JHU_Ag_8882	NLIDEALRTDFVVTAK	AGAP013179-PA	-	49	7.98E-05	1	1804.991	5.66	Malpighian tubule	2R:+:41152876-41152923	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_13871	LSHVNTLVK	AGAP013179-PA	-	29	0.002555 28	1	1010.596	-3.25	Ovary	2R:+:41152849-41152875	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_13905	NLIDEALR	AGAP013179-PA	-	35	0.004528 202	2	943.521	0.61	Malpighian tubule	2R:+:41152876-41152899	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_14370	NLIDEALR	AGAP013179-PA	-	39	0.001710 074	1	943.524	2.96	Midgut	2R:+:41152876-41152899	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_15893	LSHVNTLVK	AGAP013179-PA	-	29	0.002364 578	1	1010.602	2.55	Malpighian tubule	2R:+:41152849-41152875	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_29461	SQLESGHYELRPDGLSLVLADDTGVDADDLGKDEVILEPFPALSR	AGAP013179-PA	-	85	1.78E-08	1	4852.444	5.65	Ovary	2R:+:41153617-41153686,41154064-41154128	exon=> In CDS Exon 4 and 5 of transcript AGAP013179-PA
JHU_Ag_32391	MTITLDEPFHSSMR	AGAP013179-PA	-	55	4.35E-05	1	1664.779	1.19	Malpighian tubule	2R:+:41152783-41152824	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_34267	TDFVVTAK	AGAP013179-PA	-	48	0.000182 57	2	880.477	-0.11	Malpighian tubule	2R:+:41152900-41152923	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_37567	LSHVNTLVK	AGAP013179-PA	-	36	0.000473 184	1	1010.600	0.74	Midgut	2R:+:41152849-41152875	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_50478	RFDPYPSSNQLTLVTLELNAPK	AGAP013179-PA	-	115	2.16E-11	1	2503.324	1.77	Head	2R:+:41152924-41152931,41153523-41153580	exon=> In CDS Exon 3 and 4 of transcript AGAP013179-PA

JHU_Ag_62555	LSHVNTLVK	AGAP013179-PA	-	39	0.000190759	2	1010.595	-4.4	Head	2R:+:41152849-41152875	exon=> In CDS Exon 3 of transcript AGAP013179-PA
JHU_Ag_66736	FGDYDAEETQDLCR	AGAP013179-PA	C13(Carbamidomethyl)	98	5.14E-10	1	1718.698	0.72	Malpighian tubule	2R:+:41154312-41154353	exon=> In CDS Exon 5 of transcript AGAP013179-PA
JHU_Ag_69009	DFNLDEMEDR	AGAP013179-PA	M7(Oxidation)	58	3.55E-06	1	1299.516	-0.23	Visceras	2R:+:41153581-41153610	exon=> In CDS Exon 4 of transcript AGAP013179-PA
JHU_Ag_74708	RFDPYPSSNQLTLVTLELNAPK	AGAP013179-PA	-	114	2.57E-11	1	2503.334	5.72	Malpighian tubule	2R:+:41152924-41152931,41153523-41153580	exon=> In CDS Exon 3 and 4 of transcript AGAP013179-PA
JHU_Ag_78587	RFDPYPSSNQLTLVTLELNAPK	AGAP013179-PA	-	127	1.43E-12	1	2503.331	4.55	Midgut	2R:+:41152924-41152931,41153523-41153580	exon=> In CDS Exon 3 and 4 of transcript AGAP013179-PA
JHU_Ag_89466	RFDPYPSSNQLTLVTLELNAPK	AGAP013179-PA	-	114	3.24E-11	1	2503.319	0.09	Ovary	2R:+:41152924-41152931,41153523-41153580	exon=> In CDS Exon 3 and 4 of transcript AGAP013179-PA
JHU_Ag_97162	FGDYDAEETQDLCR	AGAP013179-PA	C13(Carbamidomethyl)	99	3.41E-10	2	1718.699	1.5	Ovary	2R:+:41154312-41154353	exon=> In CDS Exon 5 of transcript AGAP013179-PA
JHU_Ag_97893	DFNLDEMEDR	AGAP013179-PA	-	66	7.04E-07	1	1283.521	0.37	Malpighian tubule	2R:+:41153581-41153610	exon=> In CDS Exon 4 of transcript AGAP013179-PA
JHU_Ag_100847	DFNLDEMEDR	AGAP013179-PA	M7(Oxidation)	44	0.000113044	2	1299.518	2.03	Midgut	2R:+:41153581-41153610	exon=> In CDS Exon 4 of transcript AGAP013179-PA
JHU_Ag_103596	DFNLDEMEDR	AGAP013179-PA	M7(Oxidation)	57	4.96E-06	1	1299.516	0.34	Head	2R:+:41153581-41153610	exon=> In CDS Exon 4 of transcript AGAP013179-PA
JHU_Ag_138	LLIETPAQVEMLQQLEK	AGAP013181-PA	M11(Oxidation)	130	8.91E-13	1	1999.077	-0.52	Ovary	X:-:19725678-19725628	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_384	IAEITELLQR	AGAP013181-PA	-	74	3.26E-07	2	1185.684	0.05	Pupa	X:-:19725549-19725520	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_2889	LSYYDGER	AGAP013181-PA	-	47	0.000103616	1	1002.451	-1.44	Malpighian tubule	X:-:19724420-19724397	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_3120	YDFAGGSAASEPETR	AGAP013181-PA	-	107	1.40E-10	1	1557.681	-0.14	Midgut	X:-:19724870-19724826	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_3979	VPNYDDLVAIGR	AGAP013181-PA	-	103	9.63E-10	2	1331.697	1.03	Ovary	X:-:19724711-19724676	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_5491	YVSGAMIETIYPSSGDSVDWVYSALGVPVAYTFELR	AGAP013181-PA	M6(Oxidation)	44	0.000395739	1	3958.924	3.53	Malpighian tubule	X:-:19724636-19724529	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_7798	VPNYDDLVAIGR	AGAP013181-PA	-	102	1.09E-09	2	1331.697	1.12	Malpighian tubule	X:-:19724711-19724676	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_10804	IAEITELLQR	AGAP013181-PA	-	59	1.17E-05	2	1185.682	-1.9	Salivary gland	X:-:19725549-19725520	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_15353	VPNYDDLVAIGRK	AGAP013181-PA	-	72	6.85E-07	1	1459.792	1.22	Malpighian tubule	X:-:19724711-19724673	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_16364	LSYYDGERQEL	AGAP013181-PA	-	65	3.54E-06	1	1372.636	-1.23	Malpighian tubule	X:-:19724420-19724388	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_16772	KGVDAIER	AGAP013181-PA	-	56	4.89E-05	2	887.496	1.16	Malpighian tubule	X:-:19724675-19724652	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_17788	NFASDWNGPGASNDPCR	AGAP013181-PA	C16(Carbamidomethyl)	75	1.06E-07	2	1864.767	0.23	Pupa	X:-:19724921-19724871	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_18082	YDFAGGSAASEPETR	AGAP013181-PA	-	107	1.38E-10	1	1557.682	-0.06	Pupa	X:-:19724870-19724826	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_22819	YDFAGGSAASEPETR	AGAP013181-PA	-	89	1.04E-08	1	1557.686	2.84	Larva	X:-:19724870-19724826	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_24593	IAEITELLQR	AGAP013181-PA	-	92	5.21E-09	2	1185.687	2.63	Malpighian tubule	X:-:19725549-19725520	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_28799	YDHFRLYR	AGAP013181-PA	-	35	0.003902674	1	1169.584	-0.64	Malpighian tubule	X:-:19725702-19725679	exon=> In CDS Exon 1 of transcript AGAP013181-PA

JHU_Ag_30163	ALVEFLER	AGAP013181-PA	-	59	1.55E-05	1	976.545	-1.45	Malpighian tubule	X:-:19724825-19724802	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_30234	LGTNPANSGVFVECGIHAR	AGAP013181-PA	C14(Carbamidomethyl)	67	2.79E-06	1	1998.989	3.89	Ovary	X:-:19725188-19725132	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_30447	YDFAGGSAASEPETR	AGAP013181-PA	-	118	1.17E-11	1	1557.685	1.9	Malpighian tubule	X:-:19724870-19724826	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_34377	LGTNPANSGVFVECGIHAR	AGAP013181-PA	C14(Carbamidomethyl)	63	7.78E-06	1	1998.982	0.32	Salivary gland	X:-:19725188-19725132	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_34903	TYFSVHSFSQLVMFPYGYK	AGAP013181-PA	M13(Oxidation)	127	2.64E-12	1	2317.105	2.23	Malpighian tubule	X:-:19724777-19724721	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_36666	VPNYDDLVAIGR	AGAP013181-PA	-	81	1.46E-07	2	1331.697	1.12	Pupa	X:-:19724711-19724676	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_39303	YELQGSILLYNMQELIDREK	AGAP013181-PA	M12(Oxidation)	94	4.39E-09	1	2471.252	1.24	Malpighian tubule	X:-:19725519-19725780,19724385-19725357	exon=> In CDS Exon 2 and 1 of transcript AGAP013181-PA
JHU_Ag_45567	HPELQLLELGASYENR	AGAP013181-PA	-	37	0.002892	1	1868.949	-0.49	Malpighian tubule	X:-:19725254-19725207	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_51186	NFASDWNGPGASNDPCRYDFAGGSAASEPETR	AGAP013181-PA	C16(Carbamidomethyl)	111	3.28E-11	1	3403.443	3.69	Malpighian tubule	X:-:19724921-19724826	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_54120	ALVEFLERHVAQWR	AGAP013181-PA	-	88	1.03E-08	1	1753.954	2.69	Malpighian tubule	X:-:19724825-19724784	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_59305	ALVEFLER	AGAP013181-PA	-	55	3.16E-05	1	976.546	-0.64	Ovary	X:-:19724825-19724802	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_60227	QSDSYAFMGHAR	AGAP013181-PA	M8(Oxidation)	74	2.26E-07	1	1385.591	0.62	Malpighian tubule	X:-:19725627-19725592	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_63508	FNWIIFPVVNPDGYR	AGAP013181-PA	-	82	7.94E-08	1	1836.943	-0.05	Malpighian tubule	X:-:19725044-19725000	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_66331	LGTNPANSGVFVECGIHAR	AGAP013181-PA	C14(Carbamidomethyl)	74	5.76E-07	1	1998.988	3.16	Larva	X:-:19725188-19725132	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_67847	LGTNPANSGVFVECGIHAR	AGAP013181-PA	C14(Carbamidomethyl)	90	1.39E-08	1	1998.986	2.06	Midgut	X:-:19725188-19725132	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_72263	IAEITELLQR	AGAP013181-PA	-	84	2.77E-08	2	1185.690	5.3	Larva	X:-:19725549-19725520	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_73166	FNWIIFPVVNPDGYR	AGAP013181-PA	-	45	0.000439816	2	1836.942	-0.57	Midgut	X:-:19725044-19725000	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_81290	YTFEGDR	AGAP013181-PA	-	30	0.003677876	1	887.388	-1.46	Malpighian tubule	X:-:19724999-19724979	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_83161	IAEITELLQR	AGAP013181-PA	-	73	4.24E-07	2	1185.683	-0.67	Ovary	X:-:19725549-19725520	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_86960	IAEITELLQR	AGAP013181-PA	-	57	1.41E-05	2	1185.699	12.61	Male reproductive organs	X:-:19725549-19725520	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_87817	LSYYDGERQEL	AGAP013181-PA	-	45	0.000357398	2	1372.636	-1.23	Midgut	X:-:19724420-19724388	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_90642	LLIETPAQVEMLQQLEK	AGAP013181-PA	M11(Oxidation)	97	1.43E-09	1	1999.085	3.45	Larva	X:-:19725678-19725628	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_91230	VPNYDDLVAIGR	AGAP013181-PA	-	103	8.21E-10	2	1331.695	-0.07	Midgut	X:-:19724711-19724676	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_91329	LGTNPANSGVFVECGIHAR	AGAP013181-PA	C14(Carbamidomethyl)	79	1.94E-07	1	1998.984	1.14	Pupa	X:-:19725188-19725132	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_95075	YELQGSILLYNMQELIDR	AGAP013181-PA	M12(Oxidation)	81	1.12E-07	1	2214.115	1.52	Malpighian tubule	X:-:19725519-19725780,19724385-19725363	exon=> In CDS Exon 2 and 1 of transcript AGAP013181-PA
JHU_Ag_97941	YDFAGGSAASEPETR	AGAP013181-PA	-	83	3.70E-08	1	1557.679	-1.55	Salivary gland	X:-:19724870-19724826	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_99303	LSYYDGERQEL	AGAP013181-PA	-	49	0.000146186	1	1372.643	3.3	Ovary	X:-:19724420-19724388	exon=> In CDS Exon 2 of transcript AGAP013181-PA

JHU_Ag_99758	NFASDWNGPGASNDPCR	AGAP013181-PA	C16(Carbamidomethyl)	117	7.88E-12	1	1864.767	0.04	Malpighian tubule	X:-:19724921-19724871	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_101348	LLIETPAQVEMLQQLEK	AGAP013181-PA	M11(Oxidation)	122	5.54E-12	1	1999.076	-1.07	Midgut	X:-:19725678-19725628	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_101962	VPNYDDLVAIGR	AGAP013181-PA	-	81	1.39E-07	2	1331.700	3.05	Larva	X:-:19724711-19724676	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_106467	EWISPASCTFVLNELLSSDRPDVRR	AGAP013181-PA	C8(Carbamidomethyl)	97	2.14E-09	1	2947.487	4.67	Malpighian tubule	X:-:19725131-19725057	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_106918	VDRVPNYDDLVAIGR	AGAP013181-PA	-	83	6.99E-08	1	1701.890	-1.22	Malpighian tubule	X:-:19724720-19724676	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_108448	NMQPYGVCR	AGAP013181-PA	M2(Oxidation), C8(Carbamidomethyl)	37	0.001237166	1	1140.495	1.89	Malpighian tubule	X:-:19724966-19724940	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_109540	ALVEFLER	AGAP013181-PA	-	46	0.000312806	2	976.544	-2.2	Midgut	X:-:19724825-19724802	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_114611	LGTNPANSGVFVECGIHAR	AGAP013181-PA	C14(Carbamidomethyl)	155	4.88E-15	1	1998.984	1.05	Malpighian tubule	X:-:19725188-19725132	exon=> In CDS Exon 2 of transcript AGAP013181-PA
JHU_Ag_116087	LLIETPAQVEMLQQLEK	AGAP013181-PA	M11(Oxidation)	130	7.41E-13	1	1999.082	1.8	Malpighian tubule	X:-:19725678-19725628	exon=> In CDS Exon 1 of transcript AGAP013181-PA
JHU_Ag_64578	DTLTPEDIQYLYGTECGR	AGAP013184-PA	C16(Carbamidomethyl)	45	0.000371454	1	2130.969	1.72	Head	2R:-:34481919-34481866	exon=> In CDS Exon 2 of transcript AGAP013184-PA
JHU_Ag_93391	GLSVLWLLR	AGAP013186-PA	-	62	1.38E-06	2	1056.661	4.33	Larva	2R:+:47881224-47881250	exon=> In CDS Exon 2 of transcript AGAP013186-PA
JHU_Ag_8056	MDISAWSVTR	AGAP013188-PA	M1(Oxidation)	91	1.26E-08	2	1181.562	-0.26	Midgut	2R:+:42095309-42095338	exon=> In CDS Exon 1 of transcript AGAP013188-PA
JHU_Ag_24906	STHPMTHPVYTQAQASGIFDNISYNK	AGAP013188-PA	M5(Oxidation)	127	2.48E-12	1	2923.372	1.48	Midgut	2R:+:42096328-42096405	exon=> In CDS Exon 2 of transcript AGAP013188-PA
JHU_Ag_98464	SYMEPWTIQPGYPLVTVTSHDTGFTITQK	AGAP013188-PA	M3(Oxidation)	51	8.58E-05	1	3313.602	-1.97	Midgut	2R:+:42096556-42096642	exon=> In CDS Exon 2 of transcript AGAP013188-PA
JHU_Ag_2738	GEKPTTIVR	AGAP013189-PA	-	41	0.00111082	2	1000.580	0.95	Visceras	2R:+:36151919-36151945	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_3877	LGNSISPTVELVK	AGAP013189-PA	N3(Deamidated)	54	3.27E-05	1	1356.773	-0.19	Midgut	2R:+:36151724-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_4524	LIHEQKGEKPTTIVR	AGAP013189-PA	-	71	2.48E-07	1	1749.002	0.16	Ovary	2R:+:36151901-36151945	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_4530	LGNSISPTVELVKNGDEYTFNTLSTFK	AGAP013189-PA	N14(Deamidated)	160	1.03E-15	1	2975.502	4.62	Larva	2R:+:36151724-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_5021	LGEEFDEETVDGR	AGAP013189-PA	-	112	5.04E-11	2	1495.657	1.66	Midgut	2R:+:36151826-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_5603	EFTATDLTATMTAGNAK	AGAP013189-PA	M11(Oxidation)	87	2.39E-08	2	1742.825	-1.22	Midgut	2R:+:36151946-36151996	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_9801	LGEEFDEETVDGR	AGAP013189-PA	-	93	4.17E-09	1	1495.663	5.33	Larva	2R:+:36151826-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_10959	LIHEQK	AGAP013189-PA	-	40	0.000383026	2	767.440	-1.61	Head	2R:+:36151901-36151918	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_18200	KLGNSISPTVELVK	AGAP013189-PA	-	94	1.34E-09	1	1484.867	-0.66	Head	2R:+:36151721-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_18454	EFTATDLTATMTAGNAK	AGAP013189-PA	M11(Oxidation)	60	1.47E-05	2	1758.827	3.35	Malpighian tubule	2R:+:36151946-36151996	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_20679	LIHEQKGEKPTTIVR	AGAP013189-PA	-	57	7.24E-06	1	1749.002	0.09	Visceras	2R:+:36151901-36151945	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_21436	NGDEYTFNTLSTFK	AGAP013189-PA	N1(Deamidated)	109	1.59E-10	1	1636.751	1.47	Ovary	2R:+:36151763-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_24032	NGDEYTFNTLSTFK	AGAP013189-PA	N1(Deamidated)	88	1.49E-08	1	1637.739	3.62	Malpighian tubule	2R:+:36151763-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA

JHU_Ag_24710	ALGVGMVLR	AGAP013189-PA	-	61	6.89E-06	1	915.544	-0.96	Head	2R:+:36147835-36147841,36151701-36151720	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_25453	ALGVGMVLRK	AGAP013189-PA	M6(Oxidation)	32	0.002122 36	1	1059.634	-0.65	Head	2R:+:36147835-36147841,36151701-36151723	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_25983	LGNSISPTVELVKNGDEYTFNTLSTFK	AGAP013189-PA	N14(Deamidated)	66	2.81E-06	1	2975.492	1.3	Head	2R:+:36151724-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_27656	KLGNSISPTVELVK	AGAP013189-PA	-	76	7.64E-08	2	1484.872	2.13	Malpighian tubule	2R:+:36151721-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_29600	FKLGEEFDEETVDGR	AGAP013189-PA	-	91	9.79E-09	1	1770.820	0.75	Malpighian tubule	2R:+:36151820-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_30187	LGNSISPTVELVK	AGAP013189-PA	N3(Deamidated)	87	1.94E-08	1	1357.760	2.06	Head	2R:+:36151724-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_37318	LGEEFDEETVDGR	AGAP013189-PA	-	70	7.69E-07	2	1495.659	2.64	Visceras	2R:+:36151826-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_38912	KLGNSISPTVELVK	AGAP013189-PA	-	84	1.25E-08	1	1484.871	1.72	Ovary	2R:+:36151721-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_42161	KLGNSISPTVELVK	AGAP013189-PA	N4(Deamidated)	85	9.80E-09	2	1484.872	2.54	Larva	2R:+:36151721-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_43572	SVCTFDGNK	AGAP013189-PA	C3(Carbamidomethyl)	39	0.000732 83	1	1027.451	-0.14	Head	2R:+:36151874-36151900	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_44138	FKLGEEFDEETVDGR	AGAP013189-PA	-	95	4.47E-09	2	1770.822	1.92	Head	2R:+:36151820-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_44608	EFTATDLTATMTAGNAK	AGAP013189-PA	M11(Oxidation)	110	1.39E-10	2	1758.831	5.16	Larva	2R:+:36151946-36151996	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_44921	GEKPTTIVR	AGAP013189-PA	-	44	0.000432 092	1	1000.580	1.38	Ovary	2R:+:36151919-36151945	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_49765	SEGFDDYMK	AGAP013189-PA	-	32	0.000719 749	1	1091.434	-1	Midgut	2R:+:36147808-36147834	exon=> In CDS Exon 1 of transcript AGAP013189-PA
JHU_Ag_50684	FKLGEEFDEETVDGR	AGAP013189-PA	-	116	3.02E-11	1	1770.823	2.75	Visceras	2R:+:36151820-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_51040	SEGFDDYMKALGVGMVLR	AGAP013189-PA	-	40	0.001723 912	1	1987.968	3.07	Malpighian tubule	2R:+:36147808-36147841,36151701-36151720	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_52076	EFTATDLTATMTAGNAK	AGAP013189-PA	M11(Oxidation)	124	5.72E-12	2	1742.833	3.62	Head	2R:+:36151946-36151996	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_52530	LGNSISPTVELVK	AGAP013189-PA	-	36	0.001691 177	2	1356.777	2.69	Malpighian tubule	2R:+:36151724-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_60226	NGDEYTFNTLSTFK	AGAP013189-PA	N1(Deamidated)	107	2.37E-10	1	1636.748	-0.77	Head	2R:+:36151763-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_63824	LGEEFDEETVDGR	AGAP013189-PA	-	112	4.76E-11	2	1495.656	1.01	Head	2R:+:36151826-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_64104	NGDEYTFNTLSTFK	AGAP013189-PA	N1(Deamidated)	77	1.89E-07	1	1637.740	4.14	Visceras	2R:+:36151763-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_64874	LGEEFDEETVDGR	AGAP013189-PA	-	112	4.49E-11	2	1495.655	-0.14	Ovary	2R:+:36151826-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_69279	EFTATDLTATMTAGNAK	AGAP013189-PA	M11(Oxidation)	105	4.46E-10	2	1758.821	-0.05	Ovary	2R:+:36151946-36151996	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_72347	KLGNSISPTVELVK	AGAP013189-PA	-	102	1.94E-10	1	1484.868	-0.01	Visceras	2R:+:36151721-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_72969	LGNSISPTVELVK	AGAP013189-PA	-	62	4.63E-06	1	1356.774	0.53	Ovary	2R:+:36151724-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_74284	EFTATDLTATMTAGNAK	AGAP013189-PA	M11(Oxidation)	63	6.54E-06	2	1758.825	2.03	Visceras	2R:+:36151946-36151996	exon=> In CDS Exon 2 of transcript AGAP013189-PA

JHU_Ag_83940	ALGVGMVLR	AGAP013189-PA	M6(Oxidation)	41	0.000836359	2	931.538	-1.51	Salivary gland	2R:+:36147835-36147841,36151701-36151720	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_89678	SEGFDDYMK	AGAP013189-PA	M8(Oxidation)	43	5.37E-05	1	1107.429	-0.54	Head	2R:+:36147808-36147834	exon=> In CDS Exon 1 of transcript AGAP013189-PA
JHU_Ag_91452	KLGNSISPTVELVK	AGAP013189-PA	-	73	1.89E-07	2	1484.867	-0.91	Midgut	2R:+:36151721-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_96709	NGDEYTFNTLSTFK	AGAP013189-PA	N1(Deamidated)	103	6.27E-10	2	1636.748	-0.4	Midgut	2R:+:36151763-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_99508	ALGVGMVLR	AGAP013189-PA	-	65	2.91E-06	1	915.545	0.64	Malpighian tubule	2R:+:36147835-36147841,36151701-36151720	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_104442	LIHEQKGEKPTTIVR	AGAP013189-PA	-	66	6.59E-07	1	1749.008	3.66	Larva	2R:+:36151901-36151945	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_106072	FKLGEEFDEETVDGR	AGAP013189-PA	-	104	5.67E-10	2	1770.823	2.75	Midgut	2R:+:36151820-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_106087	ALGVGMVLR	AGAP013189-PA	M6(Oxidation)	69	1.23E-06	1	931.541	1.57	Ovary	2R:+:36147835-36147841,36151701-36151720	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_107119	GEKPTTIVR	AGAP013189-PA	-	46	0.000218178	2	1000.584	5.53	Larva	2R:+:36151919-36151945	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_107979	ALGVGMVLR	AGAP013189-PA	M6(Oxidation)	65	2.83E-06	1	915.544	-0.02	Visceras	2R:+:36147835-36147841,36151701-36151720	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_109448	NGDEYTFNTLSTFK	AGAP013189-PA	N1(Deamidated)	81	7.18E-08	2	1637.742	5.19	Larva	2R:+:36151763-36151804	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_109611	LGEEFDEETVDGR	AGAP013189-PA	-	112	5.16E-11	2	1495.661	4.11	Malpighian tubule	2R:+:36151826-36151864	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_109954	LGNSISPTVELVK	AGAP013189-PA	-	56	1.55E-05	1	1356.780	5.21	Larva	2R:+:36151724-36151762	exon=> In CDS Exon 2 of transcript AGAP013189-PA
JHU_Ag_114958	SEGFDDYMK	AGAP013189-PA	M8(Oxidation)	43	6.13E-05	2	1107.431	1.33	Ovary	2R:+:36147808-36147834	exon=> In CDS Exon 1 of transcript AGAP013189-PA
JHU_Ag_116890	ALGVGMVLR	AGAP013189-PA	M6(Oxidation)	56	2.07E-05	2	915.544	-0.29	Midgut	2R:+:36147835-36147841,36151701-36151720	exon=> In CDS Exon 1 and 2 of transcript AGAP013189-PA
JHU_Ag_91763	FFGVPIQDEEYER	AGAP013190-PA	-	31	0.010378343	1	1628.778	11.26	Midgut	2R:+:23762618-23762656	exon=> In CDS Exon 2 of transcript AGAP013190-PA
JHU_Ag_117755	SSNAQLLR	AGAP013190-PA	-	40	0.00162723	2	888.497	8.25	Visceras	2R:+:23762528-23762551	exon=> In CDS Exon 2 of transcript AGAP013190-PA
JHU_Ag_6423	TTAPSIDNIPQVIK	AGAP013192-PA	-	81	4.25E-08	1	1496.835	1.96	Head	2R:+:36528958-36528999	exon=> In CDS Exon 2 of transcript AGAP013192-PA
JHU_Ag_27541	YSGQNLNHIK	AGAP013192-PA	-	43	0.000762105	1	1173.599	-1.77	Malpighian tubule	2R:+:36528928-36528957	exon=> In CDS Exon 2 of transcript AGAP013192-PA
JHU_Ag_52514	HDACHNTDTIR	AGAP013192-PA	C4(Carbamidomethyl)	42	0.000452043	1	1339.577	-2.61	Head	2R:+:36528895-36528927	exon=> In CDS Exon 2 of transcript AGAP013192-PA
JHU_Ag_94296	YSGQNLNHIK	AGAP013192-PA	-	70	1.64E-06	1	1173.597	-3.33	Head	2R:+:36528928-36528957	exon=> In CDS Exon 2 of transcript AGAP013192-PA
JHU_Ag_12639	RVLQPPSSLPVVK	AGAP013193-PA	Q4(Deamidated)	22	0.005253139	1	1420.860	5.1	Midgut	2R:-:44588265-44588227	exon=> In CDS Exon 3 of transcript AGAP013193-PA
JHU_Ag_37094	VLQPPSSLPVVK	AGAP013193-PA	Q3(Deamidated)	28	0.001992204	1	1264.768	13.04	Midgut	2R:-:44588262-44588227	exon=> In CDS Exon 3 of transcript AGAP013193-PA
JHU_Ag_66298	RVLQPPSSLPVVK	AGAP013193-PA	Q4(Deamidated)	23	0.004021786	1	1420.857	3.64	Malpighian tubule	2R:-:44588265-44588227	exon=> In CDS Exon 3 of transcript AGAP013193-PA
JHU_Ag_100110	RVLQPPSSLPVVK	AGAP013193-PA	Q4(Deamidated)	20	0.008962289	1	1420.857	3.12	Ovary	2R:-:44588265-44588227	exon=> In CDS Exon 3 of transcript AGAP013193-PA

JHU_Ag_9538	SFGLSVTDVKR	AGAP013194-PA	-	59	1.04E-05	2	1208.662	-1.05	Malpighian tubule	2R:-:43086563-43086531	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_17969	GHYESLYSAFVQSLR	AGAP013194-PA	-	57	2.97E-05	1	1756.866	0.27	Malpighian tubule	2R:-:43086410-43086366	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_68860	TAGYMSNIYR	AGAP013194-PA	M5(Oxidation)	51	8.72E-05	1	1191.545	-1.44	Malpighian tubule	2R:-:43086884-43086855	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_74504	LVQNEEETVRFGPK	AGAP013194-PA	-	74	6.73E-07	1	1645.857	1.51	Malpighian tubule	2R:-:43086686-43086645	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_76960	NMAPEYLQPLIK	AGAP013194-PA	M2(Oxidation)	67	3.23E-06	1	1432.749	-0.76	Malpighian tubule	2R:-:43086359-43087007,43086129-43086255	exon=> In CDS Exon 2 and 1 of transcript AGAP013194-PA
JHU_Ag_84512	NGAFSDLFAEGVISER	AGAP013194-PA	N1(Deamidated)	111	1.26E-10	1	1711.829	0.2	Malpighian tubule	2R:-:43086476-43086429	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_89758	TDTAFGSGLVELLSVFPK	AGAP013194-PA	-	89	1.16E-08	1	1881.007	3.42	Malpighian tubule	2R:-:43086782-43086729	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_93036	EKTDTAFGSGLVELLSVFPK	AGAP013194-PA	-	69	9.56E-07	1	2138.138	0.1	Malpighian tubule	2R:-:43086788-43086729	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_104629	LVQNEEETVR	AGAP013194-PA	-	69	2.13E-06	1	1216.618	0.91	Malpighian tubule	2R:-:43086686-43086657	exon=> In CDS Exon 1 of transcript AGAP013194-PA
JHU_Ag_908	KLVYNNPAYVALIDR	AGAP013194-PA,AGAP013142-PA	-	41	0.000451193	1	1748.970	0.08	Malpighian tubule	2R:-:43085739-43085695;2R:-:43081277-43081233	exon=> In CDS Exon 3 of transcript AGAP013194-PA;exon=> In CDS Exon 3 of transcript AGAP013142-PA
JHU_Ag_1850	AQQVHHSELK	AGAP013194-PA,AGAP013142-PA	-	48	0.000228132	2	1176.618	4.73	Malpighian tubule	2R:-:43086221-43086192;2R:-:43081759-43081730	exon=> In CDS Exon 2 of transcript AGAP013194-PA;exon=> In CDS Exon 2 of transcript AGAP013142-PA
JHU_Ag_3594	FDGQLLR	AGAP013194-PA,AGAP013142-PA	-	47	0.000278981	2	848.464	1.5	Malpighian tubule	2R:-:43086254-43086234;2R:-:43081792-43081772	exon=> In CDS Exon 2 of transcript AGAP013194-PA;exon=> In CDS Exon 2 of transcript AGAP013142-PA
JHU_Ag_6627	TAEFFKDAIVR	AGAP013194-PA,AGAP013142-PA	-	77	2.08E-07	1	1296.694	-0.54	Malpighian tubule	2R:-:43086986-43086954;2R:-:43082539-43082507	exon=> In CDS Exon 1 of transcript AGAP013194-PA;exon=> In CDS Exon 1 of transcript AGAP013142-PA
JHU_Ag_37983	LVYNNPAYVALIDR	AGAP013194-PA,AGAP013142-PA	-	89	9.63E-09	2	1620.882	4.8	Malpighian tubule	2R:-:43085736-43085695;2R:-:43081274-43081233	exon=> In CDS Exon 3 of transcript AGAP013194-PA;exon=> In CDS Exon 3 of transcript AGAP013142-PA
JHU_Ag_47129	FHAASVLYVEK	AGAP013194-PA,AGAP013142-PA	-	96	3.49E-09	1	1263.675	1.18	Malpighian tubule	2R:-:43086509-43086477;2R:-:43082062-43082030	exon=> In CDS Exon 1 of transcript AGAP013194-PA;exon=> In CDS Exon 1 of transcript AGAP013142-PA
JHU_Ag_56840	TTTNPDTVIVLEDLSR	AGAP013194-PA,AGAP013142-PA	-	133	6.13E-13	1	1773.927	2.1	Malpighian tubule	2R:-:43086635-43086588;2R:-:43082188-43082141	exon=> In CDS Exon 1 of transcript AGAP013194-PA;exon=> In CDS Exon 1 of transcript AGAP013142-PA
JHU_Ag_82318	ESEVYEKLLPAFER	AGAP013194-PA,AGAP013142-PA	-	42	0.000763491	2	1709.884	5.36	Malpighian tubule	2R:-:43086728-43086687;2R:-:43082281-43082240	exon=> In CDS Exon 1 of transcript AGAP013194-PA;exon=> In CDS Exon 1 of transcript AGAP013142-PA
JHU_Ag_101650	GTAKPTSLSYIVK	AGAP013194-PA,AGAP013142-PA	-	33	0.002159996	1	1364.780	0.79	Malpighian tubule	2R:-:43086827-43086789;2R:-:43082380-43082342	exon=> In CDS Exon 1 of transcript AGAP013194-PA;exon=> In CDS Exon 1 of transcript AGAP013142-PA

JHU_Ag_84181	IIIHVPVK	AGAP013196-PA	-	24	0.001013771	1	918.601	-14.05	Salivary gland	2R:-:40520882-40520859	exon=> In CDS Exon 2 of transcript AGAP013196-PA
JHU_Ag_14220	LYPEGLLALGR	AGAP013199-PA	-	48	0.000124258	2	1201.695	1.04	Male reproductive organs	2R:-:57869982-57869950	exon=> In CDS Exon 1 of transcript AGAP013199-PA
JHU_Ag_24328	ASDYEQVR	AGAP013199-PA	-	36	0.002753197	1	967.453	5.43	Malpighian tubule	2R:-:57869949-57869926	exon=> In CDS Exon 1 of transcript AGAP013199-PA
JHU_Ag_19238	SIGDVSIISPLCLTTANTPK	AGAP013201-PA	C12(Carbamidomethyl)	51	6.12E-05	1	2087.116	5.1	Malpighian tubule	2R:+:43088141-43088200	exon=> In CDS Exon 2 of transcript AGAP013201-PA
JHU_Ag_107935	LGLDLDHAR	AGAP013201-PA	-	46	0.000308613	2	1009.544	1.41	Malpighian tubule	2R:+:43088258-43088284	exon=> In CDS Exon 2 of transcript AGAP013201-PA
JHU_Ag_17105	WPQPVLLK	AGAP013207-PA	Q3(Deamidated)	30	0.004736846	1	981.587	9.95	Malpighian tubule	2R:+:36912769-36912792	exon=> In CDS Exon 4 of transcript AGAP013207-PA
JHU_Ag_61043	LFEAPSFFYR	AGAP013207-PA	-	39	0.001855743	1	1276.637	0.59	Salivary gland	2R:+:36913092-36913120,36913221-36913221	exon=> In CDS Exon 5 and 6 of transcript AGAP013207-PA
JHU_Ag_10047	TGMTLEEAQQILNVTK	AGAP013212-PA	-	104	4.62E-10	2	1775.924	1.83	Head	2R:+:29096745-29096748,29096823-29096866	exon=> In CDS Exon 1 and 2 of transcript AGAP013212-PA
JHU_Ag_19580	ALKQEIAASQEAAK	AGAP013212-PA	-	56	2.55E-05	2	1457.798	1.61	Visceras	2R:+:29096652-29096693	exon=> In CDS Exon 1 of transcript AGAP013212-PA
JHU_Ag_26042	ALKQEIAASQEAAK	AGAP013212-PA	-	92	7.35E-09	1	1457.800	3.04	Malpighian tubule	2R:+:29096652-29096693	exon=> In CDS Exon 1 of transcript AGAP013212-PA
JHU_Ag_74354	NYDHLFSVNDK	AGAP013212-PA	-	52	8.00E-05	2	1351.629	0.72	Visceras	2R:+:29096891-29096923	exon=> In CDS Exon 2 of transcript AGAP013212-PA
JHU_Ag_76880	YIAQIIVLGGQIIGK	AGAP013212-PA	-	87	1.70E-09	1	1585.969	0.72	Ovary	2R:+:29096595-29096639	exon=> In CDS Exon 1 of transcript AGAP013212-PA
JHU_Ag_93154	NYDHLFSVNDK	AGAP013212-PA	-	64	5.54E-06	1	1351.626	-1.63	Head	2R:+:29096891-29096923	exon=> In CDS Exon 2 of transcript AGAP013212-PA
JHU_Ag_5420	LLQLVK	AGAP013214-PA	Q3(Deamidated)	35	0.0004994	1	714.476	-0.55	Midgut	2R:+:12676136-12676153	exon=> In CDS Exon 2 of transcript AGAP013214-PA
JHU_Ag_83083	LLLYLR	AGAP013226-PA	-	38	3.95E-05	2	790.519	0.75	Salivary gland	2R:-:24320027-24320010	exon=> In CDS Exon 2 of transcript AGAP013226-PA
JHU_Ag_5230	LDDEAFK	AGAP013228-PA	-	53	6.65E-05	2	837.400	1.37	Malpighian tubule	2L:-:47267632-47267612	exon=> In CDS Exon 2 of transcript AGAP013228-PA
JHU_Ag_7607	DKPSTSTEVIFHCK	AGAP013228-PA	C13(Carbamidomethyl)	78	2.46E-07	1	1648.801	0.72	Ovary	2L:-:47267596-47267555	exon=> In CDS Exon 2 of transcript AGAP013228-PA
JHU_Ag_17767	NPDELADTGK	AGAP013228-PA	-	66	2.27E-06	1	1059.495	-0.18	Ovary	2L:-:47268315-47268286	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_20688	NYKGSWTEWAEK	AGAP013228-PA	-	38	0.001487429	1	1498.698	1.17	Malpighian tubule	2L:-:47267253-47267218	exon=> In CDS Exon 3 of transcript AGAP013228-PA
JHU_Ag_23337	DKPSTSTEVIFHCK	AGAP013228-PA	C13(Carbamidomethyl)	70	1.63E-06	1	1648.808	4.8	Malpighian tubule	2L:-:47267596-47267555	exon=> In CDS Exon 2 of transcript AGAP013228-PA
JHU_Ag_26414	IPTSINIPLPQLEEGLK	AGAP013228-PA	-	68	2.82E-07	1	1862.074	5.62	Malpighian tubule	2L:-:47268285-47268387,47267499-47267633	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_30633	LDDEAFK	AGAP013228-PA	-	43	0.000687212	1	837.398	-1.1	Ovary	2L:-:47267632-47267612	exon=> In CDS Exon 2 of transcript AGAP013228-PA
JHU_Ag_32450	IPTSINIPLPQLEEGLKLDDEAFK	AGAP013228-PA	-	43	0.00017673	3	2680.462	6.69	Larva	2L:-:47268285-47268387,47267499-47267612	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_34335	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-Term(Acetyl)	121	1.09E-11	1	1996.989	1.15	Midgut	2L:-:47268384-47268334	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_47543	IPTSINIPLPQLEEGLKLDDEAFK	AGAP013228-PA	-	137	6.01E-14	1	2680.459	5.25	Visceras	2L:-:47268285-47268387,47267499-47267612	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA

JHU_Ag_48192	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-Term(Acetyl)	138	2.59E-13	1	1996.993	3.28	Malpighian tubule	2L:-:47268384-47268334	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_53616	IPTSINIPLPQLEEGLKLDDEAFK	AGAP013228-PA	-	91	3.86E-09	1	2680.443	-0.69	Malpighian tubule	2L:-:47268285-47268387,47267499-47267612	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_53832	DKPSTSTEVIFHCK	AGAP013228-PA	C13(Carbamidomethyl)	41	0.0011654	2	1648.804	2.13	Head	2L:-:47267596-47267555	exon=> In CDS Exon 2 of transcript AGAP013228-PA
JHU_Ag_55147	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-Term(Acetyl)	53	7.11E-05	1	1996.991	2.31	Salivary gland	2L:-:47268384-47268334	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_56314	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-Term(Acetyl)	119	1.74E-11	1	1996.991	2.55	Visceras	2L:-:47268384-47268334	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_58855	IPTSINIPLPQLEEGLK	AGAP013228-PA	-	106	5.29E-11	1	1862.063	-0.15	Ovary	2L:-:47268285-47268387,47267499-47267633	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_62331	GSWTEWAEK	AGAP013228-PA	-	42	0.000647715	1	1093.498	2.43	Malpighian tubule	2L:-:47267244-47267218	exon=> In CDS Exon 3 of transcript AGAP013228-PA
JHU_Ag_62902	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-Term(Acetyl)	158	2.50E-15	1	1997.002	7.62	Head	2L:-:47268384-47268334	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_68010	ATDLASSLGFTNAR	AGAP013228-PA	-	89	1.97E-08	1	1423.719	0.98	Head	2L:-:47267533-47267658,47267206-47267254	exon=> In CDS Exon 3 and 2 of transcript AGAP013228-PA
JHU_Ag_71859	ATDLASSLGFTNAR	AGAP013228-PA	-	117	2.93E-11	2	1423.723	3.81	Malpighian tubule	2L:-:47267533-47267658,47267206-47267254	exon=> In CDS Exon 3 and 2 of transcript AGAP013228-PA
JHU_Ag_88694	IPTSINIPLPQLEEGLKLDDEAFK	AGAP013228-PA	-	137	7.07E-14	1	2680.452	2.66	Head	2L:-:47268285-47268387,47267499-47267612	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_91207	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-Term(Acetyl)	165	5.07E-16	1	1996.989	1.33	Ovary	2L:-:47268384-47268334	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_91671	ATDLASSLGFTNAR	AGAP013228-PA	-	103	7.70E-10	1	1423.717	-0.57	Ovary	2L:-:47267533-47267658,47267206-47267254	exon=> In CDS Exon 3 and 2 of transcript AGAP013228-PA
JHU_Ag_95751	ATDLASSLGFTNAR	AGAP013228-PA	-	92	9.76E-09	2	1423.717	-0.57	Male reproductive organs	2L:-:47267533-47267658,47267206-47267254	exon=> In CDS Exon 3 and 2 of transcript AGAP013228-PA
JHU_Ag_101442	SIATYEEVLDLPNHPEK	AGAP013228-PA	N-Term(Acetyl)	121	1.06E-11	1	1996.986	-0.26	Male reproductive organs	2L:-:47268384-47268334	exon=> In CDS Exon 1 of transcript AGAP013228-PA
JHU_Ag_101780	IPTSINIPLPQLEEGLKLDDEAFK	AGAP013228-PA	-	161	3.25E-16	1	2680.445	0.13	Ovary	2L:-:47268285-47268387,47267499-47267612	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_103916	GSWTEWAEK	AGAP013228-PA	-	41	0.000787837	1	1093.495	-0.36	Male reproductive organs	2L:-:47267244-47267218	exon=> In CDS Exon 3 of transcript AGAP013228-PA
JHU_Ag_105558	AQKATDLASSLGFTNAR	AGAP013228-PA	-	92	7.94E-09	2	1750.916	4.42	Malpighian tubule	2L:-:47267542-47267658,47267206-47267254	exon=> In CDS Exon 3 and 2 of transcript AGAP013228-PA
JHU_Ag_107805	IPTSINIPLPQLEEGLKLDDEAFK	AGAP013228-PA	-	90	3.82E-09	1	2680.453	3.07	Salivary gland	2L:-:47268285-47268387,47267499-47267612	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_109829	IPTSINIPLPQLEEGLK	AGAP013228-PA	-	95	5.47E-10	1	1862.070	3.26	Head	2L:-:47268285-47268387,47267499-47267633	exon=> In CDS Exon 2 and 1 of transcript AGAP013228-PA
JHU_Ag_39081	VFNSAVR	AGAP013229-PA	-	51	9.55E-05	2	792.438	2.34	Larva	2R:+:23673238-23673258	exon=> In CDS Exon 2 of transcript AGAP013229-PA
JHU_Ag_50204	SLEYYWLLSR	AGAP013229-PA	-	74	4.86E-07	2	1329.691	5.49	Larva	2R:+:23673528-23673534,23673628-23673650	exon=> In CDS Exon 3 and 4 of transcript AGAP013229-PA

JHU_Ag_66301	LTDGLLYAVDGLALLSYPEAEVLEAK	AGAP013229-PA	-	75	1.39E-07	1	2763.485	5.35	Larva	2R:+:23673259-23673336	exon=> In CDS Exon 2 of transcript AGAP013229-PA
JHU_Ag_93272	TPALPEDEELR	AGAP013229-PA	-	77	2.50E-07	1	1269.636	2.93	Larva	2R:+:23673651-23673683	exon=> In CDS Exon 4 of transcript AGAP013229-PA
JHU_Ag_117104	TIKIALIQLR	AGAP013231-PA	-	38	3.39E-05	2	1168.780	1.96	Malpighian tubule	2R:+:39066509-39066538	exon=> In CDS Exon 1 of transcript AGAP013231-PA
JHU_Ag_32494	INNIR	AGAP013237-PA	-	33	0.005361953	1	629.377	6.83	Larva	2R:+:27320348-27320362	exon=> In CDS Exon 1 of transcript AGAP013237-PA
JHU_Ag_95967	LIQQYGK	AGAP013241-PA	Q3(Deamidated)	42	0.000693946	1	850.468	0.99	Larva	2R:+:21062005-21062025	exon=> In CDS Exon 2 of transcript AGAP013241-PA
JHU_Ag_39768	IVSSMIIFNQIK	AGAP013254-PA	M5(Oxidation)	80	4.89E-08	2	1408.792	3.46	Larva	2R:-:57638044-57638009	exon=> In CDS Exon 2 of transcript AGAP013254-PA
JHU_Ag_26763	ALDEWLDYPYASMPAMTR	AGAP013255-PA	M16(Oxidation),"M13(Oxidation), M16(Oxidation)",M13(Oxidation)	105	3.96E-10	1	2129.965	-1.07	Midgut	2R:+:42090903-42090956	exon=> In CDS Exon 2 of transcript AGAP013255-PA
JHU_Ag_88092	VHPDLGQVVYCEGIR	AGAP013255-PA	C11(Carbamidomethyl)	96	3.58E-09	2	1741.868	-0.64	Midgut	2R:+:42092402-42092446	exon=> In CDS Exon 4 of transcript AGAP013255-PA
JHU_Ag_7853	SYMEPWTVQPGYPLVTVTSHDTGFTVTQK	AGAP013255-PA,AGAP012745-PA	M3(Oxidation)	100	1.30E-09	1	3285.572	-1.75	Midgut	2R:+:42091515-42091601;UNKN:-:26434149-26434063	exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_32660	YLQQNHAIWAASHGSYANVASAFNNVLAR	AGAP013255-PA,AGAP012745-PA	-	96	3.60E-09	1	3173.568	0.33	Midgut	2R:+:42092733-42092767,42092836-42092887;UNKN:-:26432931-26433036,26432528-26432777	exon=> In CDS Exon 5 and 6 of transcript AGAP013255-PA;exon=> In CDS Exon 5 and 4 of transcript AGAP012745-PA
JHU_Ag_35759	SQDKSNAFTYVINNLYTLPHVSR	AGAP013255-PA,AGAP012745-PA	-	80	1.12E-07	1	2667.364	4.33	Malpighian tubule	2R:+:42092664-42092732;UNKN:-:26433000-26432932	exon=> In CDS Exon 5 of transcript AGAP013255-PA;exon=> In CDS Exon 4 of transcript AGAP012745-PA
JHU_Ag_52643	SNAFTYVINNLYTLPHVSR	AGAP013255-PA,AGAP012745-PA	N9(Deamidated),N10(Deamidated)	125	4.23E-12	1	2209.140	-0.21	Midgut	2R:+:42092676-42092732;UNKN:-:26432988-26432932	exon=> In CDS Exon 5 of transcript AGAP013255-PA;exon=> In CDS Exon 4 of transcript AGAP012745-PA
JHU_Ag_54385	DVISAFIESNKNILGQAAYDSIK	AGAP013255-PA,AGAP012745-PA	-	59	1.13E-05	3	2496.301	1.29	Midgut	2R:+:42092909-42092977;UNKN:-:26432755-26432687	exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA
JHU_Ag_58698	EANILYR	AGAP013255-PA,AGAP012745-PA	-	42	0.001221453	1	878.472	-0.68	Midgut	2R:+:42091026-42091046;UNKN:-:26434638-26434618	exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_60695	LFAAHILDIFSK	AGAP013255-PA,AGAP012745-PA	-	111	4.58E-11	1	1374.773	-3.6	Midgut	2R:+:42092052-42092060,42092143-42092169;UNKN:-:26433612-26434728,26433331-26433495	exon=> In CDS Exon 2 and 3 of transcript AGAP013255-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP012745-PA
JHU_Ag_63660	SDSERDVISAFIESNK	AGAP013255-PA,AGAP012745-PA	-	80	1.61E-07	2	1796.875	4.87	Midgut	2R:+:42092894-42092941;UNKN:-:26432770-26432723	exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA

JHU_Ag_64892	SDDSTSMQQQR	AGAP013255-PA,AGAP012745-PA	M7(Oxidation)	65	7.35E-07	2	1298.527	-0.4	Midgut	2R:+:42091047-42091079;UNKN:-:26434617-26434585	exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_76683	SQDKSNAFTYVINNLYTLPHVSR	AGAP013255-PA,AGAP012745-PA	-	99	1.47E-09	1	2667.353	0.12	Midgut	2R:+:42092664-42092732;UNKN:-:26433000-26432932	exon=> In CDS Exon 5 of transcript AGAP013255-PA;exon=> In CDS Exon 4 of transcript AGAP012745-PA
JHU_Ag_79713	DVISAFIESNK	AGAP013255-PA,AGAP012745-PA	-	72	9.32E-07	2	1222.631	-0.55	Midgut	2R:+:42092909-42092941;UNKN:-:26432755-26432723	exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA
JHU_Ag_105343	IHADDEKLFAAHILDIFSK	AGAP013255-PA,AGAP012745-PA	-	139	1.24E-13	1	2183.144	-2.68	Midgut	2R:+:42092031-42092060,42092143-42092169;UNKN:-:26433633-26434728,26433331-26433495	exon=> In CDS Exon 2 and 3 of transcript AGAP013255-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP012745-PA
JHU_Ag_109185	STHPMTHPVYTQAESSAIFDSITYNK	AGAP013255-PA,AGAP012745-PA	M5(Oxidation)	156	3.81E-15	1	2941.369	0.64	Midgut	2R:+:42091287-42091364;UNKN:-:26434377-26434300	exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_3384	TTRPEDLFSALNR	AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	85	4.56E-08	1	1519.791	3.31	Midgut	2R:+:42091458-42091496;2R:+:42096499-42096537;UNKN:-:26434206-26434168	exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_57232	SHFEETDNCELK	AGAP013256-PA	C9(Carbamidomethyl)	56	1.09E-05	1	1508.636	2.75	Visceras	2R:+:43156652-43156681,43156761-43156766	exon=> In CDS Exon 3 and 4 of transcript AGAP013256-PA
JHU_Ag_62729	VNEYVQYGTIADR	AGAP013256-PA	-	87	3.00E-08	2	1527.747	1.75	Visceras	2R:+:43156803-43156841	exon=> In CDS Exon 4 of transcript AGAP013256-PA
JHU_Ag_81496	FTTLSLEGVGDRK	AGAP013256-PA	-	75	3.38E-07	1	1422.760	0.98	Visceras	2R:+:43156179-43156217	exon=> In CDS Exon 2 of transcript AGAP013256-PA
JHU_Ag_69413	FDEVLHVLR	AGAP013257-PA	-	60	9.72E-06	1	1127.620	-0.95	Ovary	2R:-:4201111-4201085	exon=> In CDS Exon 1 of transcript AGAP013257-PA
JHU_Ag_116736	FTEALATLER	AGAP013257-PA	-	43	0.000639068	2	1150.612	1.13	Midgut	2R:-:4201009-4200980	exon=> In CDS Exon 1 of transcript AGAP013257-PA
JHU_Ag_19633	KPYEVVIQVPVDISR	AGAP013260-PA	-	68	6.41E-07	2	1741.988	1.76	Pupa	2R:-:21574268-21574224	exon=> In CDS Exon 2 of transcript AGAP013260-PA
JHU_Ag_27971	GGAVEDKDTFLYLVSELAK	AGAP013260-PA	-	63	5.34E-06	1	2055.072	3.5	Pupa	2R:-:21574343-21574287	exon=> In CDS Exon 2 of transcript AGAP013260-PA
JHU_Ag_60832	KPYEVVIQVPVDISR	AGAP013260-PA	-	58	6.59E-06	2	1741.991	3.72	Larva	2R:-:21574268-21574224	exon=> In CDS Exon 2 of transcript AGAP013260-PA
JHU_Ag_978	RQLLFEDGK	AGAP013262-PA	-	44	0.000469789	2	1105.598	-1.61	Head	X:+:8735869-8735895	exon=> In CDS Exon 1 of transcript AGAP013262-PA
JHU_Ag_2046	YYLGENPYGGSIFGK	AGAP013262-PA	-	44	0.00075365	1	1664.799	2.3	Head	X:+:8749129-8749173	exon=> In CDS Exon 4 of transcript AGAP013262-PA
JHU_Ag_25014	AINSGVDDIRELLLSEK	AGAP013262-PA	-	59	8.75E-06	1	1872.013	3.18	Visceras	X:+:8747043-8747093	exon=> In CDS Exon 2 of transcript AGAP013262-PA
JHU_Ag_53327	SVSPIQIPPVVTTLR	AGAP013262-PA	-	44	3.88E-05	1	1606.959	3.61	Head	X:+:8748454-8748498	exon=> In CDS Exon 3 of transcript AGAP013262-PA
JHU_Ag_87631	YNPAAAAAAAAAAAAGR	AGAP013262-PA	-	40	0.00137117	2	1458.756	7.64	Head	X:+:8749183-8749233	exon=> In CDS Exon 4 of transcript AGAP013262-PA

JHU_Ag_98965	SVSPIQIPPVVTTLR	AGAP013262-PA	-	38	0.000192 04	1	1606.955	1.33	Visceras	X:+:8748454-8748498	exon=> In CDS Exon 3 of transcript AGAP013262-PA
JHU_Ag_115411	HSVGQIGAPADGRPTVPQR	AGAP013262-PA	-	78	1.76E-07	1	1943.024	1.53	Head	X:+:8748271-8748327	exon=> In CDS Exon 3 of transcript AGAP013262-PA
JHU_Ag_116530	VVEDSGPIVSTNTTEDTDK	AGAP013262-PA	-	117	2.80E-11	1	2006.944	1.75	Head	X:+:8735896-8735952	exon=> In CDS Exon 1 of transcript AGAP013262-PA
JHU_Ag_87427	DDEDDAGESTAIAR	AGAP013266-PA	-	114	1.61E-11	2	1464.612	2	Head	2R:-:27046507-27046466	exon=> In CDS Exon 2 of transcript AGAP013266-PA
JHU_Ag_5271	VVLPQPPVNEEK	AGAP013269-PA	-	38	0.001437 138	2	1348.752	3.77	Larva	2R:+:6072812-6072847	exon=> In CDS Exon 1 of transcript AGAP013269-PA
JHU_Ag_34854	HVYVHVAPEEK	AGAP013269-PA	-	71	1.32E-06	2	1307.678	2.94	Larva	2R:+:6072680-6072712	exon=> In CDS Exon 1 of transcript AGAP013269-PA
JHU_Ag_41309	APSPPTVSK	AGAP013269-PA	-	45	0.000190 267	2	883.491	2.75	Larva	2R:+:6072785-6072811	exon=> In CDS Exon 1 of transcript AGAP013269-PA
JHU_Ag_107056	VILPTYTK	AGAP013269-PA	-	31	0.001346 232	2	934.564	3.41	Larva	2R:+:6072731-6072754	exon=> In CDS Exon 1 of transcript AGAP013269-PA
JHU_Ag_16721	TLVYVLHK	AGAP013269-PA,AGAP001543-PA	-	38	0.000890 078	2	972.590	2.13	Larva	2R:+:6072848-6072871;2R:-:6076335-6076312	exon=> In CDS Exon 1 of transcript AGAP013269-PA;exon=> In CDS Exon 2 of transcript AGAP001543-PA
JHU_Ag_1991	LAWWLCER	AGAP013277-PA	C6(Carbamidomethyl)	38	0.002721 435	2	1133.557	0.94	Visceras	2R:+:2657773-2657796	exon=> In CDS Exon 4 of transcript AGAP013277-PA
JHU_Ag_75715	TGNMPDIFHTLFGLGALSLLGDK	AGAP013277-PA	M4(Oxidation)	77	1.84E-07	1	2433.253	1.83	Ovary	2R:+:2657974-2658042	exon=> In CDS Exon 4 of transcript AGAP013277-PA
JHU_Ag_2201	FFHSSIQGFLK	AGAP013282-PA	-	46	0.000308 427	1	1310.693	3.09	Larva	3L:-:12790860-12791555,12790437-12790767	exon=> In CDS Exon 3 and 2 of transcript AGAP013282-PA
JHU_Ag_14099	STPPLATDGSELPNPR	AGAP013282-PA	-	83	7.39E-08	1	1651.836	4.5	Larva	3L:-:12791783-12791736	exon=> In CDS Exon 1 of transcript AGAP013282-PA
JHU_Ag_14776	GIDCLGLIR	AGAP013282-PA	C4(Carbamidomethyl)	56	4.49E-05	2	1016.559	3.29	Larva	3L:-:12791448-12791422	exon=> In CDS Exon 2 of transcript AGAP013282-PA
JHU_Ag_18762	GLTTQPMGLNDISLDPATK	AGAP013282-PA	M7(Oxidation)	114	5.63E-11	1	1988.009	4.03	Larva	3L:-:12790658-12790602	exon=> In CDS Exon 3 of transcript AGAP013282-PA
JHU_Ag_19969	SVNDLDLSVGLAFEK	AGAP013282-PA	N3(Deamidated)	112	8.22E-11	1	1607.822	3.39	Larva	3L:-:12790324-12790280	exon=> In CDS Exon 4 of transcript AGAP013282-PA
JHU_Ag_20500	VLSVEVFQEGVQNSPR	AGAP013282-PA	-	103	7.63E-10	2	1787.930	0.84	Larva	3L:-:12791735-12791688	exon=> In CDS Exon 1 of transcript AGAP013282-PA
JHU_Ag_32337	TFTTCDENPTTCTR	AGAP013282-PA	C5(Carbamidomethyl), C12(Carbamidomethyl)	64	1.69E-06	2	1703.703	1.99	Larva	3L:-:12791421-12791380	exon=> In CDS Exon 2 of transcript AGAP013282-PA
JHU_Ag_40293	ILCDTTTDVTR	AGAP013282-PA	C3(Carbamidomethyl)	67	3.25E-06	1	1294.635	3.2	Larva	3L:-:12790126-12790094	exon=> In CDS Exon 4 of transcript AGAP013282-PA
JHU_Ag_54139	ANQSPQLAILQITFVR	AGAP013282-PA	-	100	3.14E-10	2	1799.026	4.9	Larva	3L:-:12791163-12791116	exon=> In CDS Exon 2 of transcript AGAP013282-PA
JHU_Ag_56060	TPTEVCYLTGDGR	AGAP013282-PA	C6(Carbamidomethyl)	93	6.34E-09	1	1468.678	2.93	Larva	3L:-:12791202-12791164	exon=> In CDS Exon 2 of transcript AGAP013282-PA
JHU_Ag_77390	TLNPTWLPDKLFEEAR	AGAP013282-PA	-	59	1.26E-05	2	1930.013	3.18	Larva	3L:-:12791085-12791038	exon=> In CDS Exon 2 of transcript AGAP013282-PA
JHU_Ag_101722	FFYQNGNHFNAR	AGAP013282-PA	N5(Deamidated)	79	1.26E-07	1	1515.682	3.95	Larva	3L:-:12790198-12790163	exon=> In CDS Exon 4 of transcript AGAP013282-PA
JHU_Ag_106605	VDINDHTNNPTILEQASSR	AGAP013282-PA	-	94	7.69E-09	1	2124.040	4.12	Larva	3L:-:12790733-12790677	exon=> In CDS Exon 3 of transcript AGAP013282-PA
JHU_Ag_112022	TYDGSCNNVVNPSWGAANTPFVR	AGAP013282-PA	C6(Carbamidomethyl)	60	9.82E-06	2	2526.152	2.14	Larva	3L:-:12791882-12791814	exon=> In CDS Exon 1 of transcript AGAP013282-PA

JHU_Ag_89447	FNNMFGTDLK	AGAP013282-PA,AGAP010899-PA	M4(Oxidation)	55	2.34E-05	2	1202.554	2.32	Larva	3L:-:12790586-12790557;3L:-:12787559-12787530	exon=> In CDS Exon 3 of transcript AGAP013282-PA;exon=> In CDS Exon 3 of transcript AGAP010899-PA
JHU_Ag_116778	SLDIQR	AGAP013282-PA,AGAP010899-PA	-	37	0.005103981	2	731.408	3.91	Larva	3L:-:12790556-12790539;3L:-:12787529-12787512	exon=> In CDS Exon 3 of transcript AGAP013282-PA;exon=> In CDS Exon 3 of transcript AGAP010899-PA
JHU_Ag_114509	IQANEILTYIGR	AGAP013283-PA	-	64	3.47E-06	2	1390.773	3.18	Head	X:-:9538259-9538224	exon=> In CDS Exon 1 of transcript AGAP013283-PA
JHU_Ag_11758	LTPLQYHVTQEAGTERPFTGK	AGAP013286-PB,AGAP013286-PD	-	82	6.70E-08	1	2373.232	5.12	Malpighian tubule	2R:+:30554211-30554273;2R:+:30554211-30554273	exon=> In CDS Exon 1 of transcript AGAP013286-PB;exon=> In CDS Exon 2 of transcript AGAP013286-PD
JHU_Ag_39539	LTPLQYHVTQEAGTERPFTGK	AGAP013286-PB,AGAP013286-PD	-	85	3.68E-08	1	2373.220	0.18	Head	2R:+:30554211-30554273;2R:+:30554211-30554273	exon=> In CDS Exon 1 of transcript AGAP013286-PB;exon=> In CDS Exon 2 of transcript AGAP013286-PD
JHU_Ag_40167	LTPLQYHVTQEAGTERPFTGK	AGAP013286-PB,AGAP013286-PD	-	64	4.27E-06	1	2373.222	1.11	Male reproductive organs	2R:+:30554211-30554273;2R:+:30554211-30554273	exon=> In CDS Exon 1 of transcript AGAP013286-PB;exon=> In CDS Exon 2 of transcript AGAP013286-PD
JHU_Ag_70680	LTPLQYHVTQEAGTERPFTGK	AGAP013286-PB,AGAP013286-PD	-	48	0.000153364	1	2373.240	8.44	Ovary	2R:+:30554211-30554273;2R:+:30554211-30554273	exon=> In CDS Exon 1 of transcript AGAP013286-PB;exon=> In CDS Exon 2 of transcript AGAP013286-PD
JHU_Ag_106309	YCINSASIEFMPAGSER	AGAP013286-PB,AGAP013286-PD	C2(Carbamidomethyl), M11(Oxidation)	72	5.28E-07	2	1947.855	-1.39	Male reproductive organs	2R:+:30557092-30557142;2R:+:30557092-30557142	exon=> In CDS Exon 2 of transcript AGAP013286-PB;exon=> In CDS Exon 3 of transcript AGAP013286-PD
JHU_Ag_84637	DGETPAASSSSSPAGGTVR	AGAP013288-PA	-	67	3.42E-06	2	1733.794	0.35	Head	2R:+:6149935-6149991	exon=> In CDS Exon 1 of transcript AGAP013288-PA
JHU_Ag_16733	DFENVDDVNK	AGAP013291-PA	-	51	6.42E-05	2	1194.527	0.01	Ovary	2L:+:46181240-46181269	exon=> In CDS Exon 2 of transcript AGAP013291-PA
JHU_Ag_34044	KVNSELLTLTYGALVSQMLR	AGAP013291-PA	M18(Oxidation)	79	7.20E-08	1	2252.229	-1.11	Ovary	2L:+:46179175-46179180,46181186-46181239	exon=> In CDS Exon 1 and 2 of transcript AGAP013291-PA
JHU_Ag_46600	DFENVDDVNK	AGAP013291-PA	-	63	4.78E-06	2	1194.527	-0.4	Head	2L:+:46181240-46181269	exon=> In CDS Exon 2 of transcript AGAP013291-PA
JHU_Ag_76029	RLEDAVPAGED	AGAP013291-PA	-	43	0.000437002	1	1171.561	1.54	Ovary	2L:+:46181648-46181680	exon=> In CDS Exon 2 of transcript AGAP013291-PA
JHU_Ag_82323	LIEDFLSR	AGAP013291-PA	-	59	1.49E-05	2	992.543	1.86	Malpighian tubule	2L:+:46181306-46181329	exon=> In CDS Exon 2 of transcript AGAP013291-PA
JHU_Ag_93119	KVNSELLTLTYGALVSQMLR	AGAP013291-PA	M18(Oxidation)	35	0.001841413	1	2252.229	-1.52	Midgut	2L:+:46179175-46179180,46181186-46181239	exon=> In CDS Exon 1 and 2 of transcript AGAP013291-PA
JHU_Ag_27243	FGYHIIMVEGK	AGAP013296-PA	M7(Oxidation)	49	0.000200688	1	1309.664	2.2	Ovary	2R:-:23825539-23825507	exon=> In CDS Exon 2 of transcript AGAP013296-PA
JHU_Ag_30989	QGGDLGWQIR	AGAP013296-PA	-	54	5.22E-05	2	1129.591	13.78	Head	2R:-:23825665-23825636	exon=> In CDS Exon 2 of transcript AGAP013296-PA
JHU_Ag_41817	GAMVGPFQDAAFALPISTTNAPK	AGAP013296-PA	M3(Oxidation)	128	2.12E-12	1	2320.163	-0.72	Ovary	2R:-:23825635-23825567	exon=> In CDS Exon 2 of transcript AGAP013296-PA
JHU_Ag_61947	EGQAFNVVATNYSEDK	AGAP013296-PA	-	112	6.38E-11	1	1771.816	1.31	Ovary	2R:-:23825719-23825672	exon=> In CDS Exon 2 of transcript AGAP013296-PA
JHU_Ag_23431	AGASASAGSSASAGSFGGAVTR	AGAP013308-PA	-	155	4.67E-15	1	1826.870	3.8	Larva	X:-:7747374-7747309	exon=> In CDS Exon 2 of transcript AGAP013308-PA

JHU_Ag_95013	VIFIK	AGAP013308-PA,AGAP013080-PA,AGAP013175-PA,AGAP013421-PA,AGAP000437-PA,AGAP013319-PA	-	31	0.001020229	1	619.420	3.44	Larva	X:-:7747053-7747039;X:-:7737846-7737832;X:-:7732811-7732797;X:-:7728068-7728054;X:-:7722387-7722373;X:-:7752684-7752670	exon=> In CDS Exon 2 of transcript AGAP013308-PA;exon=> In CDS Exon 2 of transcript AGAP013080-PA;exon=> In CDS Exon 2 of transcript AGAP013175-PA;exon=> In CDS Exon 2 of transcript AGAP013421-PA;exon=> In CDS Exon 2 of transcript AGAP000437-PA;exon=> In CDS Exon 2 of transcript AGAP013319-PA
JHU_Ag_19311	TLTITPR	AGAP013308-PA,AGAP013080-PA,AGAP013319-PA	-	38	0.00137807	2	801.485	2.27	Larva	X:-:7747086-7747066;X:-:7737879-7737859;X:-:7752717-7752697	exon=> In CDS Exon 2 of transcript AGAP013308-PA;exon=> In CDS Exon 2 of transcript AGAP013080-PA;exon=> In CDS Exon 2 of transcript AGAP013319-PA
JHU_Ag_45831	APSASANAGASSQAASQTEEK	AGAP013308-PA,AGAP013080-PA,AGAP013319-PA	-	181	1.19E-17	1	1962.905	2.46	Larva	X:-:7747038-7746976;X:-:7737831-7737769;X:-:7752669-7752607	exon=> In CDS Exon 2 of transcript AGAP013308-PA;exon=> In CDS Exon 2 of transcript AGAP013080-PA;exon=> In CDS Exon 2 of transcript AGAP013319-PA
JHU_Ag_31978	NFYYHVAPEEPQAEAGAK	AGAP013308-PA,AGAP013319-PA	N1(Deamidated)	118	2.83E-11	1	2020.943	1.5	Larva	X:-:7747140-7747087;X:-:7752771-7752718	exon=> In CDS Exon 2 of transcript AGAP013308-PA;exon=> In CDS Exon 2 of transcript AGAP013319-PA
JHU_Ag_47992	TLVYVLVNKPAK	AGAP013308-PA,AGAP013319-PA	-	75	3.20E-08	1	1344.830	3.99	Larva	X:-:7746975-7746940;X:-:7752606-7752571	exon=> In CDS Exon 2 of transcript AGAP013308-PA;exon=> In CDS Exon 2 of transcript AGAP013319-PA
JHU_Ag_108234	YAAPVVLK	AGAP013308-PA,AGAP013319-PA	-	39	0.00040772	1	860.527	3.1	Larva	X:-:7747164-7747141;X:-:7752795-7752772	exon=> In CDS Exon 2 of transcript AGAP013308-PA;exon=> In CDS Exon 2 of transcript AGAP013319-PA
JHU_Ag_2793	KPAGSGIPR	AGAP013310-PA	-	30	0.005608863	1	882.504	-13.23	Malpighian tubule	2R:-:8136326-8136300	exon=> In CDS Exon 2 of transcript AGAP013310-PA
JHU_Ag_41941	KPAGSGIPR	AGAP013310-PA	-	30	0.005707264	1	882.507	-10.33	Ovary	2R:-:8136326-8136300	exon=> In CDS Exon 2 of transcript AGAP013310-PA
JHU_Ag_53627	TEVNEALVIDSPEESFLGK	AGAP013310-PA	-	36	0.003583718	1	2077.048	6.74	Malpighian tubule	2R:-:8136422-8136366	exon=> In CDS Exon 2 of transcript AGAP013310-PA
JHU_Ag_78120	KPAGSGIPR	AGAP013310-PA	-	40	0.000716267	2	882.503	-13.85	Salivary gland	2R:-:8136326-8136300	exon=> In CDS Exon 2 of transcript AGAP013310-PA
JHU_Ag_11534	ALTNTLQR	AGAP013313-PA	-	45	0.000532997	2	916.524	2.75	Larva	2R:+:29084599-29084622	exon=> In CDS Exon 2 of transcript AGAP013313-PA
JHU_Ag_16097	NDIDDILADTR	AGAP013313-PA	-	71	1.04E-06	2	1260.610	2.93	Larva	2R:+:29084404-29084436	exon=> In CDS Exon 2 of transcript AGAP013313-PA
JHU_Ag_23514	ELAEITEDYR	AGAP013313-PA	-	50	0.000139908	2	1238.595	3.88	Larva	2R:+:29084254-29084283	exon=> In CDS Exon 2 of transcript AGAP013313-PA
JHU_Ag_61483	GLNEATLVNLGNAR	AGAP013313-PA	-	110	8.82E-11	1	1441.783	5.31	Larva	2R:+:29084362-29084403	exon=> In CDS Exon 2 of transcript AGAP013313-PA
JHU_Ag_80704	EEIANAILEPNANEQCLLGLVDR	AGAP013313-PA	C16(Carbamidomethyl)	50	0.00010992	2	2581.301	3.12	Larva	2R:+:29084437-29084505	exon=> In CDS Exon 2 of transcript AGAP013313-PA
JHU_Ag_95320	LLAQPNGQWLDIKNPILR	AGAP013317-PA	Q4(Deamidated), N6(Deamidated)	24	0.008331589	1	2091.181	10.17	Ovary	X:+:17660063-17660116	exon=> In CDS Exon 2 of transcript AGAP013317-PA

JHU_Ag_5372	TPTLTPQAEAEVQR	AGAP013318-PA	-	108	1.71E-10	1	1540.802	3.44	Larva	2R:+:23665631-23665672	exon=> In CDS Exon 2 of transcript AGAP013318-PA
JHU_Ag_8355	YEQVFQR	AGAP013318-PA	-	41	0.000713224	2	969.481	2.5	Larva	2R:+:23665200-23665220	exon=> In CDS Exon 1 of transcript AGAP013318-PA
JHU_Ag_25543	YLGLWYEIR	AGAP013318-PA	-	52	5.84E-05	2	1212.648	5.6	Larva	2R:+:23665170-23665196	exon=> In CDS Exon 1 of transcript AGAP013318-PA
JHU_Ag_55263	AESAWILSR	AGAP013318-PA	-	52	0.000102923	2	1032.551	3.87	Larva	2R:+:23665604-23665630	exon=> In CDS Exon 2 of transcript AGAP013318-PA
JHU_Ag_90100	RYEQVFQR	AGAP013318-PA	-	40	0.001060541	2	1125.582	2.06	Larva	2R:+:23665197-23665220	exon=> In CDS Exon 1 of transcript AGAP013318-PA
JHU_Ag_108094	AVVAFPDESPLEAK	AGAP013318-PA	-	81	1.15E-07	1	1472.771	5.15	Larva	2R:+:23665332-23665373	exon=> In CDS Exon 1 of transcript AGAP013318-PA
JHU_Ag_111324	VFNSMLVPPGQVR	AGAP013318-PA	M5(Oxidation)	47	0.000255377	1	1459.779	4.65	Larva	2R:+:23665275-23665313	exon=> In CDS Exon 1 of transcript AGAP013318-PA
JHU_Ag_86160	AGASASAGSSASAGSIGSAAAR	AGAP013319-PA	-	133	8.19E-13	1	1764.854	3.6	Larva	X:-:7753005-7752940	exon=> In CDS Exon 2 of transcript AGAP013319-PA
JHU_Ag_30775	DAADDACYLTGDVR	AGAP013327-PA	C7(Carbamidomethyl)	102	3.30E-10	2	1541.658	2.45	Midgut	3L:+:10786878-10786919	exon=> In CDS Exon 2 of transcript AGAP013327-PA
JHU_Ag_35116	DAADDACYLTGDVR	AGAP013327-PA	C7(Carbamidomethyl)	50	5.84E-05	2	1541.658	2.53	Malpighian tubule	3L:+:10786878-10786919	exon=> In CDS Exon 2 of transcript AGAP013327-PA
JHU_Ag_93657	ELADLNAGWDDETVFQQAR	AGAP013327-PA	-	63	7.20E-06	1	2178.010	0.18	Malpighian tubule	3L:+:10786989-10787045	exon=> In CDS Exon 2 of transcript AGAP013327-PA
JHU_Ag_104320	HGGPVGVDLKAIDIQR	AGAP013327-PA	-	73	2.60E-07	1	1674.933	2.52	Malpighian tubule	3L:+:10787511-10787558	exon=> In CDS Exon 3 of transcript AGAP013327-PA
JHU_Ag_113994	VTSWEEFNNLLR	AGAP013327-PA	-	83	9.23E-08	2	1507.762	5.29	Malpighian tubule	3L:+:10787619-10787654	exon=> In CDS Exon 3 of transcript AGAP013327-PA
JHU_Ag_117066	LSDWFNNPSVLEK	AGAP013327-PA	-	62	1.19E-05	1	1548.772	1.49	Ovary	3L:+:10787373-10787411	exon=> In CDS Exon 3 of transcript AGAP013327-PA
JHU_Ag_3961	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	99	9.78E-10	1	1723.767	1.89	Pupa	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_4073	VKIQTMPGYANTMR	AGAP013333-PA	M6(Oxidation), M13(Oxidation)	46	0.000323483	2	1641.809	0.35	Salivary gland	2R:-:40351370-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_4555	IQTMPGYANTMR	AGAP013333-PA	M4(Oxidation), M11(Oxidation)	53	5.36E-05	2	1414.647	1.4	Pupa	2R:-:40351364-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_4603	NLFHGFK	AGAP013333-PA	N1(Deamidated)	42	0.000929676	1	863.437	-4.69	Head	2R:-:40352605-40352585	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_7271	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	107	1.39E-10	1	1723.763	-0.3	Male reproductive organs	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_8487	TVELLYK	AGAP013333-PA	-	41	0.000375847	1	865.504	1.08	Male reproductive organs	2R:-:40351211-40351532,40350748-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_11328	HVVPKPR	AGAP013333-PA	-	31	0.002626405	1	832.515	0.18	Midgut	2R:-:40351092-40351072	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_14450	VTIAEEGAR	AGAP013333-PA	-	55	6.00E-05	2	945.500	-0.12	Malpighian tubule	2R:-:40352584-40352558	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_14559	TVELLYK	AGAP013333-PA	-	33	0.002076105	1	865.506	4.04	Larva	2R:-:40351211-40351532,40350748-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_16461	QLGFMGMWNGLTPR	AGAP013333-PA	M5(Oxidation),"M5(Oxidation), M7(Oxidation)",M7(Oxidation)	96	4.43E-09	1	1623.777	-0.14	Head	2R:-:40350921-40350880	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_16631	VKIQTMPGYANTMR	AGAP013333-PA	M6(Oxidation), M13(Oxidation),M6(Oxidation),M13(Oxidation)	80	1.46E-07	1	1641.809	0.41	Malpighian tubule	2R:-:40351370-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA

JHU_Ag_21527	TVELLYK	AGAP013333-PA	-	47	8.95E-05	2	865.503	0.36	Salivary gland	2R:-:40351211-40351532,403507 48-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_23121	IQTMPGYANTMR	AGAP013333-PA	M4(Oxidation), M11(Oxidation)	55	2.94E-05	2	1414.645	-0.16	Male reproductive organs	2R:-:40351364-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_24869	GEQLIVTFAAGYIAGVFCAVVSHPADV VVSK	AGAP013333-PA	C18(Carbamidomethyl)	94	2.62E-09	1	3204.680	1.27	Midgut	2R:-:40351056-40350964	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_27137	MMGEEGVMAFYK	AGAP013333-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	81	2.13E-08	2	1440.588	2.23	Larva	2R:-:40351313-40351278	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_31128	MMGEEGVMAFYK	AGAP013333-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	80	3.02E-08	1	1440.585	0.12	Male reproductive organs	2R:-:40351313-40351278	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_33703	TVELLYK	AGAP013333-PA	-	46	0.000103 041	1	865.503	-0.26	Midgut	2R:-:40351211-40351532,403507 48-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_38205	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	107	1.55E-10	1	1723.772	5.22	Larva	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_38581	LQVNQAKYK	AGAP013333-PA	N4(Deamidated)	45	0.000336 041	2	1092.606	0.86	Malpighian tubule	2R:-:40352632-40352606	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_40735	VKIQTMPGYANTMR	AGAP013333-PA	M6(Oxidation), M13(Oxidation)	39	0.001765 285	1	1641.812	2.13	Male reproductive organs	2R:-:40351370-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_41236	MMGEEGVMAFYK	AGAP013333-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	44	0.000104 729	2	1440.583	-0.73	Ovary	2R:-:40351313-40351278	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_41843	VTIAEEGAR	AGAP013333-PA	-	44	0.000794 898	2	945.511	11.17	Visceras	2R:-:40352584-40352558	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_43658	NLFHGFK	AGAP013333-PA	-	42	0.001049 269	1	862.457	-0.09	Male reproductive organs	2R:-:40352605-40352585	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_43805	IKYADMIGEENAYLYR	AGAP013333-PA	M6(Oxidation)	87	3.33E-08	2	1964.944	1.06	Salivary gland	2R:-:40351496-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_46987	QLGFMGMWNGLTPR	AGAP013333-PA	M5(Oxidation), M7(Oxidation)	94	5.14E-09	1	1639.775	1.62	Salivary gland	2R:-:40350921-40350880	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_49515	MMGEEGVMAFYKGLVPLWCR	AGAP013333-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation), C19(Carbamidomethyl)," M1(Oxidation), M2(Oxidation), C19(Carbamidomethyl)"	104	5.52E-10	1	2422.116	4.13	Malpighian tubule	2R:-:40351313-40351254	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_49821	EVEFGSNEFFGLCAVGGILSCGITHTAV VPLDLVK	AGAP013333-PA	C13(Carbamidomethyl), C21(Carbamidomethyl)	112	4.50E-11	1	3735.889	3.44	Midgut	2R:-:40352743-40352639	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_53282	VTIAEEGAR	AGAP013333-PA	-	77	4.47E-07	2	945.499	-1.03	Male reproductive organs	2R:-:40352584-40352558	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_53643	TVELLYKHVVPKPR	AGAP013333-PA	-	73	6.57E-08	1	1679.002	1.12	Malpighian tubule	2R:-:40351211-40351532,403507 48-40351072	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_57002	VKIQTMPGYANTMR	AGAP013333-PA	M6(Oxidation), M13(Oxidation)	46	0.000322 807	3	1641.801	-4.49	Midgut	2R:-:40351370-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_60927	TVELLYK	AGAP013333-PA	-	33	0.002172 758	1	865.504	0.87	Pupa	2R:-:40351211-40351532,403507 48-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA

JHU_Ag_62205	MMGEEGVMAFYK	AGAP013333-PA	M1(Oxidation), M2(Oxidation),"M1(Oxidation), M2(Oxidation), M8(Oxidation)"	97	1.40E-09	2	1392.605	3.45	Malpighian tubule	2R:-:40351313-40351278	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_62353	VTIAEEGAR	AGAP013333-PA	-	58	3.79E-05	2	945.502	2.01	Salivary gland	2R:-:40352584-40352558	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_63945	LQVNQAK	AGAP013333-PA	N4(Deamidated)	39	0.001739137	1	801.444	-2.6	Head	2R:-:40352632-40352612	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_65688	VTIAEEGAR	AGAP013333-PA	-	58	3.01E-05	2	945.496	-4.71	Midgut	2R:-:40352584-40352558	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_67367	NLFHGFK	AGAP013333-PA	-	42	0.000820602	1	862.460	3.1	Malpighian tubule	2R:-:40352605-40352585	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_68021	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	114	3.82E-11	1	1707.771	1.36	Malpighian tubule	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_71779	YKNLFHGFK	AGAP013333-PA	-	60	9.69E-06	1	1153.611	-3.64	Midgut	2R:-:40352611-40352585	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_72135	IQTMPGYANTMR	AGAP013333-PA	M4(Oxidation), M11(Oxidation)	51	7.49E-05	1	1414.644	-0.93	Salivary gland	2R:-:40351364-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_72510	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	120	6.95E-12	1	1723.760	-2.14	Midgut	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_73927	FACFEKTVELLYK	AGAP013333-PA	C3(Carbamidomethyl)	42	0.000829598	1	1647.860	8.81	Malpighian tubule	2R:-:40351229-40351532,40350748-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_75397	MMGEEGVMAFYK	AGAP013333-PA	M2(Oxidation),"M1(Oxidation), M2(Oxidation)",M1(Oxidation)	73	3.08E-07	2	1392.601	0.65	Head	2R:-:40351313-40351278	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_77114	IQTMPGYANTMR	AGAP013333-PA	M4(Oxidation), M11(Oxidation),M4(Oxidation)	79	1.86E-07	1	1382.659	2.73	Malpighian tubule	2R:-:40351364-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_80707	TVELLYK	AGAP013333-PA	-	41	0.00032886	1	865.504	0.94	Head	2R:-:40351211-40351532,40350748-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_81309	VTIAEEGAR	AGAP013333-PA	-	55	6.24E-05	1	945.503	3.04	Larva	2R:-:40352584-40352558	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_81536	NLFHGFK	AGAP013333-PA	-	46	0.000373364	1	862.460	3.24	Midgut	2R:-:40352605-40352585	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_85746	IQTMPGYANTMR	AGAP013333-PA	M4(Oxidation), M11(Oxidation)	83	7.16E-08	1	1382.657	1.05	Head	2R:-:40351364-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_87189	QLGFMGMWNGLTPR	AGAP013333-PA	M5(Oxidation), M7(Oxidation)	38	0.002632988	1	1639.788	9.59	Larva	2R:-:40350921-40350880	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_88263	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	119	1.04E-11	1	1723.766	1.4	Head	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_88347	TVELLYK	AGAP013333-PA	-	36	0.00116953	2	865.504	1.14	Malpighian tubule	2R:-:40351211-40351532,40350748-40351093	exon=> In CDS Exon 3 and 2 of transcript AGAP013333-PA
JHU_Ag_88367	VTIAEEGAR	AGAP013333-PA	-	61	1.84E-05	2	945.499	-1.48	Head	2R:-:40352584-40352558	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_89409	IQTMPGYANTMR	AGAP013333-PA	M4(Oxidation), M11(Oxidation)	66	2.62E-06	1	1414.649	2.35	Larva	2R:-:40351364-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA

JHU_Ag_93293	QLGFMGMWNGLTPR	AGAP013333-PA	N9(Deamidated),"M5(Oxidation), M7(Oxidation)","Q1(Deamidated), M5(Oxidation), M7(Oxidation)","M7(Oxidation), N9(Deamidated)","Q1(Deamidated), M7(Oxidation)","M5(Oxidation), M7(Oxidation), N9(Deamidated)",M5(Oxidation),"M5(Oxidation), N9(Deamidated)",M7(Oxidation)	99	2.00E-09	1	1607.783	0.49	Midgut	2R:-:40350921-40350880	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_93704	IKYADMIGEENAYLYR	AGAP013333-PA	M6(Oxidation)	128	2.51E-12	1	1948.946	-0.54	Midgut	2R:-:40351496-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_95243	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	106	2.21E-10	1	1723.764	0.55	Ovary	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_96568	QLGFMGMWNGLTPR	AGAP013333-PA	N9(Deamidated),"M5(Oxidation), M7(Oxidation)"	80	1.54E-07	2	1608.773	3.9	Malpighian tubule	2R:-:40350921-40350880	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_98639	YKNLFHGFK	AGAP013333-PA	-	51	7.14E-05	1	1153.615	-0.25	Male reproductive organs	2R:-:40352611-40352585	exon=> In CDS Exon 1 of transcript AGAP013333-PA
JHU_Ag_98679	MMGEEGVMAFYK	AGAP013333-PA	M1(Oxidation),"M2(Oxidation), M8(Oxidation)","M1(Oxidation), M2(Oxidation), M8(Oxidation)",M2(Oxidation),"M1(Oxidation), M2(Oxidation)","M1(Oxidation), M8(Oxidation)",M8(Oxidation)	109	6.56E-11	2	1408.595	0.44	Midgut	2R:-:40351313-40351278	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_103319	HVVPKPR	AGAP013333-PA	-	30	0.002775631	1	832.515	-0.12	Male reproductive organs	2R:-:40351092-40351072	exon=> In CDS Exon 3 of transcript AGAP013333-PA
JHU_Ag_110669	YADMIGEENAYLYR	AGAP013333-PA	M4(Oxidation)	126	1.99E-12	1	1723.765	0.9	Salivary gland	2R:-:40351490-40351449	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_113703	MMGEEGVMAFYK	AGAP013333-PA	M1(Oxidation), M2(Oxidation), M8(Oxidation)	75	8.64E-08	1	1440.585	0.54	Salivary gland	2R:-:40351313-40351278	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_116457	IQTMPGYANTMR	AGAP013333-PA	M4(Oxidation), M11(Oxidation),M11(Oxidation),M4(Oxidation)	75	2.66E-07	2	1398.643	-5.37	Midgut	2R:-:40351364-40351329	exon=> In CDS Exon 2 of transcript AGAP013333-PA
JHU_Ag_876	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	75	1.34E-07	1	2102.168	-0.15	Salivary gland	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA

JHU_Ag_1181	GSSAIDVAK	AGAP013333-PA,AGAP003586-PA	-	42	0.001258621	2	847.452	0.13	Head	2R:-:40350948-40350922;2R:-:40346588-40346562	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_1592	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	105	4.68E-10	1	1734.831	1.77	Head	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_8775	FACFEK	AGAP013333-PA,AGAP003586-PA	C3(Carbamidomethyl)	31	0.002884483	1	801.360	-0.22	Male reproductive organs	2R:-:40351229-40351212;2R:-:40346839-40346822	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_9294	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	47	0.000491351	2	1002.535	5.17	Larva	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_14512	GLVPLWCR	AGAP013333-PA,AGAP003586-PA	C7(Carbamidomethyl)	49	0.000151315	1	1000.542	2.49	Malpighian tubule	2R:-:40351277-40351254;2R:-:40346887-40346864	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_15634	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	54	7.83E-05	2	1002.530	0.24	Pupa	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_18299	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	98	2.29E-09	1	1734.830	1.63	Visceras	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_18618	FACFEK	AGAP013333-PA,AGAP003586-PA	C3(Carbamidomethyl)	31	0.002958476	1	801.360	-0.3	Visceras	2R:-:40351229-40351212;2R:-:40346839-40346822	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_20184	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	49	0.000250401	1	1002.529	-0.06	Salivary gland	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_21327	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	73	2.72E-07	1	1958.075	-1.81	Midgut	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_24419	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	110	1.58E-10	1	1734.820	-4.14	Midgut	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_24673	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	36	0.001088388	1	2102.168	-0.04	Pupa	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA

JHU_Ag_27495	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	96	3.71E-09	1	1734.833	3.04	Pupa	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_29888	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	70	2.61E-07	1	2086.175	0.8	Malpighian tubule	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_30884	IIMIGTLTALQWFIYDGVK	AGAP013333-PA,AGAP003586-PA	M3(Oxidation)	118	8.80E-12	1	2198.198	2.26	Midgut	2R:-:40350879-40350823;2R:-:40346519-40346463	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_32154	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	115	4.96E-11	1	1734.833	3.39	Malpighian tubule	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_34064	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	49	0.000312157	1	1002.533	3.34	Malpighian tubule	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_36545	GLVPLWCR	AGAP013333-PA,AGAP003586-PA	C7(Carbamidomethyl)	41	0.000937534	1	1000.539	-0.32	Visceras	2R:-:40351277-40351254;2R:-:40346887-40346864	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_37108	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	54	7.48E-05	2	1002.531	1.15	Visceras	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_37785	QIPYTMMK	AGAP013333-PA,AGAP003586-PA	M6(Oxidation), M7(Oxidation)	39	0.001216209	1	1043.491	0.68	Malpighian tubule	2R:-:40351253-40351230;2R:-:40346863-40346840	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_46750	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	81	3.60E-08	1	1958.086	4.05	Malpighian tubule	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_58957	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	56	4.09E-05	2	1002.529	-0.86	Male reproductive organs	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_65882	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	88	6.68E-09	1	2102.170	1.04	Head	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_66809	GLVPLWCR	AGAP013333-PA,AGAP003586-PA	C7(Carbamidomethyl)	49	0.000151315	1	1000.541	1.02	Male reproductive organs	2R:-:40351277-40351254;2R:-:40346887-40346864	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_66970	GSSAIDVAK	AGAP013333-PA,AGAP003586-PA	-	47	0.000378351	2	847.452	0.35	Malpighian tubule	2R:-:40350948-40350922;2R:-:40346588-40346562	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA

JHU_Ag_68167	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	-	57	5.88E-06	1	2086.174	0.57	Visceras	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_74393	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	79	5.19E-08	1	2102.168	-0.18	Male reproductive organs	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_75402	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	52	2.84E-05	1	2102.167	-0.62	Ovary	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_77536	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	67	1.24E-06	1	1974.078	2.38	Male reproductive organs	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_80634	GLVPLWCR	AGAP013333-PA,AGAP003586-PA	C7(Carbamidomethyl)	41	0.001046844	2	1000.539	-0.26	Head	2R:-:40351277-40351254;2R:-:40346887-40346864	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_81845	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	61	4.38E-06	1	1958.082	1.8	Visceras	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_87954	GSSAIDVAK	AGAP013333-PA,AGAP003586-PA	-	57	4.12E-05	2	847.441	-13.41	Salivary gland	2R:-:40350948-40350922;2R:-:40346588-40346562	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_91181	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	54	2.93E-05	1	1974.073	-0.16	Pupa	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_91483	VALSIPRPPPPEMPESLKK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	70	3.78E-07	1	2086.163	-4.93	Midgut	2R:-:40350822-40350766;2R:-:40346462-40346406	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_95384	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	96	1.13E-09	1	1958.084	3.17	Head	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_97896	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	57	3.92E-05	2	1002.530	0.54	Midgut	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_99239	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	43	0.000271267	1	1974.082	4.61	Larva	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_103784	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	82	9.58E-08	1	1734.831	2.19	Ovary	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA

JHU_Ag_104057	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	38	0.001019157	1	1974.072	-0.44	Ovary	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_104917	GSSAIDVAK	AGAP013333-PA,AGAP003586-PA	-	47	0.000360606	2	847.452	-0.23	Visceras	2R:-:40350948-40350922;2R:-:40346588-40346562	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_105658	VALSIPRPPPPEMPESLK	AGAP013333-PA,AGAP003586-PA	M13(Oxidation)	60	5.71E-06	1	1974.074	0.68	Salivary gland	2R:-:40350822-40350769;2R:-:40346462-40346409	exon=> In CDS Exon 3 of transcript AGAP013333-PA;exon=> In CDS Exon 3 of transcript AGAP003586-PA
JHU_Ag_105740	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	57	4.00E-05	2	1002.529	-0.92	Head	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_108808	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	101	1.28E-09	1	1734.834	3.53	Salivary gland	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_112263	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	48	0.000241506	1	1734.828	0.29	Larva	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_113580	FGLYEVFK	AGAP013333-PA,AGAP003586-PA	-	57	3.71E-05	2	1002.531	1.58	Ovary	2R:-:40351520-40351497;2R:-:40347130-40347107	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_114947	GWAPTFFGYSAQGAFK	AGAP013333-PA,AGAP003586-PA	-	98	2.22E-09	1	1734.830	1.28	Male reproductive organs	2R:-:40352545-40352872,40351192-40351521;2R:-:40347480-40347804,40346802-40347131	exon=> In CDS Exon 2 and 1 of transcript AGAP013333-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003586-PA
JHU_Ag_116176	FACFEK	AGAP013333-PA,AGAP003586-PA	C3(Carbamidomethyl)	31	0.002985691	1	801.361	0.7	Malpighian tubule	2R:-:40351229-40351212;2R:-:40346839-40346822	exon=> In CDS Exon 2 of transcript AGAP013333-PA;exon=> In CDS Exon 2 of transcript AGAP003586-PA
JHU_Ag_521	KDGPVGPGAER	AGAP013336-PA	-	66	2.92E-06	2	1082.558	-1.21	Head	2R:+:23845800-23845832	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_25439	FRIPQPSAK	AGAP013336-PA	-	47	0.000247479	2	1043.599	-0.62	Head	2R:+:23845911-23845937	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_48614	QILLK	AGAP013336-PA	Q1(Deamidated)	34	0.001493801	1	615.407	-0.63	Midgut	2R:+:23845647-23845661	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_49060	GPAAPAAAPADVPGLSSR	AGAP013336-PA	-	93	8.19E-09	1	1604.844	3.02	Head	2R:+:23845734-23845787	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_62104	GPAAPAAAPADVPGLSSR	AGAP013336-PA	-	89	2.08E-08	1	1604.841	1.27	Visceras	2R:+:23845734-23845787	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_80817	GPAAPAAAPADVPGLSSR	AGAP013336-PA	-	98	2.38E-09	1	1604.841	1.27	Ovary	2R:+:23845734-23845787	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_96198	DGPVGPGAER	AGAP013336-PA	-	48	0.000194534	1	954.465	1	Ovary	2R:+:23845803-23845832	exon=> In CDS Exon 1 of transcript AGAP013336-PA

JHU_Ag_96656	DGPVGPGAER	AGAP013336-PA	-	62	6.23E-06	1	954.464	-0.15	Head	2R:+:23845803-23845832	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_114621	GPAAPAAAPADVPGLSSR	AGAP013336-PA	-	98	2.67E-09	1	1604.842	2.03	Malpighian tubule	2R:+:23845734-23845787	exon=> In CDS Exon 1 of transcript AGAP013336-PA
JHU_Ag_60036	SGFIAEVHREPVK	AGAP013337-PA	-	54	4.14E-05	1	1468.796	3.28	Larva	3R:+:49146016-49146054	exon=> In CDS Exon 2 of transcript AGAP013337-PA
JHU_Ag_456	VLPFLFK	AGAP013338-PA	-	26	0.001577297	2	863.542	3.19	Malpighian tubule	2R:+:55563583-55563603	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_951	LANESFYESR	AGAP013338-PA	-	47	0.000181187	2	1215.565	0.55	Visceras	2R:+:55563604-55563633	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_1218	AFAYAMVR	AGAP013338-PA	-	44	0.000347662	2	928.474	3.3	Malpighian tubule	2R:+:55563502-55563525	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_3236	SDTEKFAALFMVTK	AGAP013338-PA	M11(Oxidation)	66	3.80E-06	2	1603.814	6.5	Malpighian tubule	2R:+:55562422-55562463	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_10518	FGANSWDNDPKLFHALLQR	AGAP013338-PA	-	67	2.63E-06	1	2229.139	8.64	Malpighian tubule	2R:+:55562896-55562952	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_11211	ADNVDDHEQQPPADILR	AGAP013338-PA	-	37	0.003222461	1	1932.909	2.27	Head	2R:+:55563655-55563705	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_12337	GAFSAVLGVLVK	AGAP013338-PA	-	77	2.63E-08	2	1160.707	2.58	Head	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_13270	ADNVDDHEQQPPADILR	AGAP013338-PA	-	96	4.49E-09	1	1932.931	13.77	Ovary	2R:+:55563655-55563705	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_14328	MAQIYTQR	AGAP013338-PA	M1(Oxidation)	57	2.03E-05	2	1026.506	2.48	Malpighian tubule	2R:+:55562821-55562844	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_15282	FGANSWDNDPK	AGAP013338-PA	-	63	3.40E-06	2	1250.547	2.97	Malpighian tubule	2R:+:55562896-55562928	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_15505	LVEESTLFAQLLR	AGAP013338-PA	-	29	0.009797111	2	1518.852	-0.55	Midgut	2R:+:55563985-55564023	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_17188	SGEVSEPIKK	AGAP013338-PA	N-Term(Acetyl)	52	0.000101588	2	1115.595	0.39	Pupa	2R:+:55562365-55562394	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_17350	VLTAWLAQETSAMK	AGAP013338-PA	M13(Oxidation)	84	5.47E-08	2	1564.811	4.43	Larva	2R:+:55563526-55563567	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_23473	LFHALLQR	AGAP013338-PA	-	42	0.000260887	1	997.593	-1.61	Head	2R:+:55562929-55562952	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_24194	LANESFYESR	AGAP013338-PA	-	71	8.87E-07	2	1215.567	2.35	Malpighian tubule	2R:+:55563604-55563633	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_25668	LANESFYESR	AGAP013338-PA	-	75	3.20E-07	2	1215.568	2.96	Larva	2R:+:55563604-55563633	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_25931	LANESFYESR	AGAP013338-PA	-	75	2.95E-07	2	1215.565	0.45	Head	2R:+:55563604-55563633	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_26997	LANESFYESR	AGAP013338-PA	-	77	1.87E-07	2	1215.564	-0.16	Pupa	2R:+:55563604-55563633	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_27274	LLFESIGFDFLR	AGAP013338-PA	-	61	8.86E-06	1	1456.791	5.24	Ovary	2R:+:55562503-55562538	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_29747	GAFSAVLGVLVK	AGAP013338-PA	-	84	5.69E-09	2	1160.705	0.69	Pupa	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_30801	LVEESTLFAQLLR	AGAP013338-PA	-	77	1.14E-07	2	1518.858	3.39	Visceras	2R:+:55563985-55564023	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_30958	GAFSAVLGVLVK	AGAP013338-PA	-	88	1.29E-09	2	1160.709	4.16	Larva	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_35739	FIFENLPELK	AGAP013338-PA	-	69	1.10E-06	1	1249.690	5.49	Male reproductive organs	2R:+:55564024-55564053	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_36262	LVEESTLFAQLLR	AGAP013338-PA	-	62	2.60E-06	2	1518.865	8.21	Malpighian tubule	2R:+:55563985-55564023	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_37586	YIQTTIR	AGAP013338-PA	-	37	0.001266367	2	894.507	2.41	Malpighian tubule	2R:+:55564162-55564182	exon=> In CDS Exon 1 of transcript AGAP013338-PA

JHU_Ag_40407	LALRQHDVITK	AGAP013338-PA	-	44	9.19E-05	1	1293.768	3.11	Malpighian tubule	2R:+:55562788-55562820	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_42546	FIFENLPELK	AGAP013338-PA	-	55	2.84E-05	1	1249.688	4.12	Visceras	2R:+:55564024-55564053	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_46717	VSLDFETDHAER	AGAP013338-PA	-	89	1.49E-08	1	1418.659	3.27	Malpighian tubule	2R:+:55562953-55562988	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_47930	GAFSAVLGVLVK	AGAP013338-PA	-	98	2.47E-10	1	1160.704	-0.26	Male reproductive organs	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_51587	QIFLK	AGAP013338-PA	Q1(Deamidated)	31	0.002148612	1	649.392	0.47	Pupa	2R:+:55563754-55563768	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_55464	FIFENLPELK	AGAP013338-PA	-	57	1.98E-05	2	1249.681	-1.64	Midgut	2R:+:55564024-55564053	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_56771	ADNVDDHEQQPPADILR	AGAP013338-PA	-	78	2.94E-07	1	1932.914	4.87	Midgut	2R:+:55563655-55563705	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_56938	VSLDFETDHAER	AGAP013338-PA	-	76	2.95E-07	1	1418.657	1.46	Head	2R:+:55562953-55562988	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_59302	VLPFLFK	AGAP013338-PA	-	31	0.000536925	1	863.539	0.29	Male reproductive organs	2R:+:55563583-55563603	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_60101	FGANSWDNDPK	AGAP013338-PA	-	46	0.000140408	2	1250.543	-0.25	Midgut	2R:+:55562896-55562928	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_60461	FAALFMVTK	AGAP013338-PA	M6(Oxidation)	37	0.002600248	1	1043.563	3.18	Ovary	2R:+:55562437-55562463	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_61474	NDFSICR	AGAP013338-PA	C6(Carbamidomethyl)	34	0.002501382	2	911.408	3.98	Malpighian tubule	2R:+:55564141-55564161	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_61874	FAALFMVTK	AGAP013338-PA	-	42	0.000537808	2	1027.565	0.06	Pupa	2R:+:55562437-55562463	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_61929	FAALFMVTK	AGAP013338-PA	M6(Oxidation)	51	0.00011418	2	1043.559	-0.8	Male reproductive organs	2R:+:55562437-55562463	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_65454	GAFSAVLGVLVK	AGAP013338-PA	-	78	2.55E-08	2	1160.705	1	Midgut	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_66875	SGEVSEPIKK	AGAP013338-PA	N-Term(Acetyl)	47	0.000315276	1	1115.594	0.06	Visceras	2R:+:55562365-55562394	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_70499	GAFSAVLGVLVK	AGAP013338-PA	-	71	7.65E-08	2	1160.710	5.21	Malpighian tubule	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_70567	LANESFYESR	AGAP013338-PA	-	57	2.10E-05	2	1215.569	3.86	Ovary	2R:+:55563604-55563633	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_71554	FGANSWDNDPK	AGAP013338-PA	-	49	7.61E-05	2	1250.545	1.01	Visceras	2R:+:55562896-55562928	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_74552	LVEESTLFAQLLR	AGAP013338-PA	-	58	1.06E-05	1	1518.858	3.31	Male reproductive organs	2R:+:55563985-55564023	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_76773	KFELAEMISSLLFHCR	AGAP013338-PA	M7(Oxidation), C15(Carbamidomethyl)	110	1.49E-10	1	1997.009	5.31	Ovary	2R:+:55562989-55563036	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_82791	ADNVDDHEQQPPADILR	AGAP013338-PA	-	101	1.23E-09	1	1932.907	1.02	Malpighian tubule	2R:+:55563655-55563705	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_84010	LVEESTLFAQLLR	AGAP013338-PA	-	98	1.19E-09	2	1518.857	2.58	Pupa	2R:+:55563985-55564023	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_85554	FIFENLPELK	AGAP013338-PA	-	51	7.11E-05	2	1249.689	5.3	Head	2R:+:55564024-55564053	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_87904	IAHKADNVDDHEQQPPADILR	AGAP013338-PA	-	129	1.70E-12	1	2382.188	3.46	Malpighian tubule	2R:+:55563643-55563705	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_88348	FIFENLPELK	AGAP013338-PA	-	38	0.001435016	2	1249.689	5	Ovary	2R:+:55564024-55564053	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_90357	TVQGEIWPECLYK	AGAP013338-PA	C10(Carbamidomethyl)	43	0.000888461	2	1622.796	4.75	Malpighian tubule	2R:+:55563055-55563093	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_91406	LAYEDFLSQLVDANPAVAPVLK	AGAP013338-PA	-	84	2.09E-08	1	2373.281	4.49	Ovary	2R:+:55564426-55564491	exon=> In CDS Exon 1 of transcript AGAP013338-PA

JHU_Ag_91797	SGEVSEPIKK	AGAP013338-PA	N-Term(Acetyl)	38	0.002640532	1	1115.594	0.06	Head	2R:+:55562365-55562394	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_93757	LAANAVDVLGIEWTLHDVENPKK	AGAP013338-PA	-	54	2.57E-05	1	2532.357	4.55	Larva	2R:+:55563154-55563222	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_94127	LVEESTLFAQLLR	AGAP013338-PA	-	64	2.85E-06	2	1518.857	3.07	Head	2R:+:55563985-55564023	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_95791	FIFENLPELK	AGAP013338-PA	-	64	3.75E-06	1	1249.687	3.15	Pupa	2R:+:55564024-55564053	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_99566	LFHALLQR	AGAP013338-PA	-	35	0.001359 73	2	997.593	-1.57	Male reproductive organs	2R:+:55562929-55562952	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_100441	GAFSAVLGVLVK	AGAP013338-PA	-	65	3.16E-07	2	1160.709	4.58	Visceras	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_102727	LVEESTLFAQLLR	AGAP013338-PA	-	40	0.000451 02	2	1518.862	5.96	Ovary	2R:+:55563985-55564023	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_103540	FGANSWDNDPK	AGAP013338-PA	-	62	4.07E-06	2	1250.542	-1.52	Pupa	2R:+:55562896-55562928	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_103820	LLFESIGFDFLR	AGAP013338-PA	-	66	3.42E-06	2	1456.783	-0.37	Midgut	2R:+:55562503-55562538	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_105137	MNEPDPEMTPQQLDDMKDSR	AGAP013338-PA	M1(Oxidation), M8(Oxidation), M16(Oxidation)	27	0.006314 087	1	2424.989	-2.5	Midgut	2R:+:55563868-55563927	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_105402	LAYEDFLSQLVDANPAVAPVLKK	AGAP013338-PA	-	118	5.85E-12	1	2501.379	5.5	Malpighian tubule	2R:+:55564426-55564494	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_106601	LAYEDFLSQLVDANPAVAPVLK	AGAP013338-PA	-	55	1.64E-05	1	2373.283	5.21	Malpighian tubule	2R:+:55564426-55564491	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_106878	MNEPDPEMTPQQLDDMKDSR	AGAP013338-PA	M1(Oxidation), M8(Oxidation), M16(Oxidation)	34	0.001624 74	1	2425.003	3.31	Malpighian tubule	2R:+:55563868-55563927	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_109043	VLPFLFK	AGAP013338-PA	-	23	0.003054 312	1	863.543	4.96	Ovary	2R:+:55563583-55563603	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_109292	GAFSAVLGVLVK	AGAP013338-PA	-	64	4.09E-07	2	1160.709	4.68	Ovary	2R:+:55563421-55563456	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_109806	SGEVSEPIKK	AGAP013338-PA	N-Term(Acetyl)	51	9.95E-05	1	1115.597	2.58	Malpighian tubule	2R:+:55562365-55562394	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_110560	LANESFYESRDYR	AGAP013338-PA	-	47	0.000265 202	1	1649.761	3.47	Malpighian tubule	2R:+:55563604-55563642	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_113824	FGANSWDNDPK	AGAP013338-PA	-	56	1.72E-05	1	1250.546	1.99	Head	2R:+:55562896-55562928	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_115217	VLTAWLAQETSAMK	AGAP013338-PA	M13(Oxidation)	91	1.35E-08	2	1564.805	0.37	Male reproductive organs	2R:+:55563526-55563567	exon=> In CDS Exon 1 of transcript AGAP013338-PA
JHU_Ag_30353	DHPEAPAWLNDEFFR	AGAP013346-PA	-	74	4.92E-07	1	1843.840	-0.15	Male reproductive organs	2R:-:43104340-43104296	exon=> In CDS Exon 1 of transcript AGAP013346-PA
JHU_Ag_60096	SELVHLYHQQYSNLLK	AGAP013346-PA	-	111	1.14E-10	1	1972.028	-0.59	Male reproductive organs	2R:-:43103313-43103266	exon=> In CDS Exon 3 of transcript AGAP013346-PA
JHU_Ag_83665	IMHTELTR	AGAP013346-PA	M2(Oxidation)	45	0.000425 417	1	1016.519	-0.65	Malpighian tubule	2R:-:43103007-43102984	exon=> In CDS Exon 3 of transcript AGAP013346-PA
JHU_Ag_95675	ESNNDSSIELTSACILRPGTSK	AGAP013346-PA	C14(Carbamidomethyl)	84	6.20E-08	1	2379.147	0.68	Male reproductive organs	2R:-:43104283-43104218	exon=> In CDS Exon 1 of transcript AGAP013346-PA
JHU_Ag_100546	FLGLEGLVR	AGAP013346-PA	-	54	2.31E-05	2	1003.592	-1.09	Male reproductive organs	2R:-:43103655-43103629	exon=> In CDS Exon 3 of transcript AGAP013346-PA
JHU_Ag_102106	DFFDSIFKPTK	AGAP013346-PA	-	75	5.37E-07	1	1344.684	0.2	Male reproductive organs	2R:-:43103535-43103503	exon=> In CDS Exon 3 of transcript AGAP013346-PA
JHU_Ag_108803	NIPSLQDLNIELIR	AGAP013346-PA	-	84	1.43E-08	2	1637.925	1.49	Male reproductive organs	2R:-:43103247-43103206	exon=> In CDS Exon 3 of transcript AGAP013346-PA

JHU_Ag_22454	EIGEEYKYPR	AGAP013346-PA,AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	-	59	1.81E-05	1	1283.626	-0.89	Male reproductive organs	2R:-:43104010-43104355,43103777-43103921;2R:-:43101442-43101787,43101187-43101349;2R:-:43098635-43098977,43098169-43098331;2R:-:43095506-43095848,43095252-43095414	exon=> In CDS Exon 2 and 1 of transcript AGAP013346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003762-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003760-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003759-PA
JHU_Ag_29144	EIGEEYKYPR	AGAP013346-PA,AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	-	58	2.36E-05	1	1283.628	1.29	Malpighian tubule	2R:-:43104010-43104355,43103777-43103921;2R:-:43101442-43101787,43101187-43101349;2R:-:43098635-43098977,43098169-43098331;2R:-:43095506-43095848,43095252-43095414	exon=> In CDS Exon 2 and 1 of transcript AGAP013346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003762-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003760-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003759-PA
JHU_Ag_32125	EIGEEYKYPR	AGAP013346-PA,AGAP003762-PA,AGAP003760-PA,AGAP003759-PA	-	71	1.04E-06	1	1283.626	-0.42	Midgut	2R:-:43104010-43104355,43103777-43103921;2R:-:43101442-43101787,43101187-43101349;2R:-:43098635-43098977,43098169-43098331;2R:-:43095506-43095848,43095252-43095414	exon=> In CDS Exon 2 and 1 of transcript AGAP013346-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003762-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003760-PA;exon=> In CDS Exon 2 and 1 of transcript AGAP003759-PA
JHU_Ag_12336	ELLLEFGSMIPR	AGAP013347-PA	M9(Oxidation)	83	6.70E-08	2	1420.759	5.66	Larva	2R:+:29092780-29092815	exon=> In CDS Exon 1 of transcript AGAP013347-PA
JHU_Ag_51247	SISQTVITLGR	AGAP013347-PA	-	67	1.02E-06	2	1174.684	4.11	Larva	2R:+:29093035-29093067	exon=> In CDS Exon 1 of transcript AGAP013347-PA
JHU_Ag_109280	EYTQFLFELYR	AGAP013347-PA	-	57	3.15E-05	2	1508.753	7.25	Larva	2R:+:29092885-29092917	exon=> In CDS Exon 1 of transcript AGAP013347-PA
JHU_Ag_58491	SSEMLR	AGAP013358-PA	-	33	0.005746769	2	722.360	13.12	Head	2R:+:41347246-41347263	exon=> In CDS Exon 2 of transcript AGAP013358-PA
JHU_Ag_29137	LHEYLALVPEDIR	AGAP013359-PA	-	64	2.89E-06	2	1567.849	0.87	Midgut	2R:-:19949916-19949878	exon=> In CDS Exon 1 of transcript AGAP013359-PA
JHU_Ag_93280	VDDVQDAVHVLYVDYLSK	AGAP013360-PA	-	91	1.16E-08	1	2078.041	-1.39	Ovary	X:+:11319112-11319165	exon=> In CDS Exon 1 of transcript AGAP013360-PA
JHU_Ag_1363	SVQGVIEEEVKK	AGAP013365-PA	-	70	9.31E-07	1	1344.737	-0.37	Midgut	2R:+:33372607-33372642	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_2322	AKEYQAQVQSNVQALVAEAQK	AGAP013365-PA	-	116	2.50E-11	1	2303.210	4.84	Malpighian tubule	2R:+:33372742-33372804	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_11759	IEGVFQETQQNVLK	AGAP013365-PA	-	45	0.000369122	2	1632.864	2.88	Head	2R:+:33372487-33372528	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_12774	LAQTTATLSEQNPEVVQK	AGAP013365-PA	-	85	4.03E-08	1	1957.022	-0.69	Pupa	2R:+:33372688-33372741	exon=> In CDS Exon 2 of transcript AGAP013365-PA

JHU_Ag_14420	DAPAAPAEEPNFFQSIMSIK	AGAP013365-PA	M17(Oxidation)	118	2.28E-11	1	2179.043	2.21	Head	2R:+:33372421-33372480	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_15079	LYDYTFETLTK	AGAP013365-PA	-	72	8.76E-07	2	1393.693	3.36	Visceras	2R:+:33372871-33372903	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_23507	LAQTTATLSEQNPEVVQK	AGAP013365-PA	-	104	4.60E-10	1	1957.032	4.3	Larva	2R:+:33372688-33372741	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_25443	LAQTTATLSEQNPEVVQK	AGAP013365-PA	-	70	1.26E-06	2	1957.025	0.43	Midgut	2R:+:33372688-33372741	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_26492	LYDYTFETLTK	AGAP013365-PA	-	67	3.40E-06	1	1393.694	3.71	Larva	2R:+:33372871-33372903	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_30158	DAPAAPAEEPNFFQSIMSIK	AGAP013365-PA	M17(Oxidation)	51	0.000111977	1	2179.036	-0.7	Midgut	2R:+:33372421-33372480	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_34098	LYDYTFETLTK	AGAP013365-PA	-	62	1.06E-05	1	1393.692	2.13	Pupa	2R:+:33372871-33372903	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_39868	DAPAAPAEEPNFFQSIMSIK	AGAP013365-PA	M17(Oxidation)	53	8.14E-05	2	2179.040	0.86	Larva	2R:+:33372421-33372480	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_54215	LYDYTFETLTK	AGAP013365-PA	-	69	2.05E-06	2	1393.691	1.61	Head	2R:+:33372871-33372903	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_63178	VPTENIQDALKK	AGAP013365-PA	N5(Deamidated), Q7(Deamidated)	36	0.002409905	1	1357.735	10.44	Malpighian tubule	2R:+:33372835-33372870	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_65752	AKEYQAQVQSNVQALVAEAQK	AGAP013365-PA	-	38	0.001634693	3	2303.201	0.79	Pupa	2R:+:33372742-33372804	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_84696	LAQTTATLSEQNPEVVQK	AGAP013365-PA	-	98	1.88E-09	1	1957.026	1.24	Visceras	2R:+:33372688-33372741	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_92629	SVQGVIEEEVKK	AGAP013365-PA	-	46	0.000250577	2	1344.738	0.9	Head	2R:+:33372607-33372642	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_101920	VPTENIQDALKK	AGAP013365-PA	N5(Deamidated), Q7(Deamidated)	36	0.002425068	1	1357.734	9.34	Salivary gland	2R:+:33372835-33372870	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_102925	LAQTTATLSEQNPEVVQK	AGAP013365-PA	-	124	4.90E-12	1	1957.023	-0.13	Head	2R:+:33372688-33372741	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_104597	SVQGVIEEEVKK	AGAP013365-PA	-	60	9.62E-06	1	1344.737	0.09	Visceras	2R:+:33372607-33372642	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_105045	DAPAAPAEEPNFFQSIMSIK	AGAP013365-PA	M17(Oxidation)	35	0.004616548	2	2179.045	3.55	Visceras	2R:+:33372421-33372480	exon=> In CDS Exon 2 of transcript AGAP013365-PA
JHU_Ag_9708	ASYTPAVQYHTTYGSPTVR	AGAP013374-PA	-	55	5.87E-05	1	2099.020	0.51	Pupa	2R:+:53215455-53215511	exon=> In CDS Exon 1 of transcript AGAP013374-PA
JHU_Ag_10754	YTSAVQQSAALPATLVDAR	AGAP013374-PA	-	36	0.002523508	2	1962.042	6.5	Pupa	2R:+:53215317-53215373	exon=> In CDS Exon 1 of transcript AGAP013374-PA
JHU_Ag_14234	IVVSRPVETEQEVEVR	AGAP013374-PA	-	68	1.06E-06	1	1869.010	1.15	Pupa	2R:+:53217438-53217485	exon=> In CDS Exon 1 of transcript AGAP013374-PA
JHU_Ag_66317	FSETGDSTSQSTSSAR	AGAP013374-PA	-	81	5.96E-08	2	1647.714	2.64	Pupa	2R:+:53217120-53217167	exon=> In CDS Exon 1 of transcript AGAP013374-PA
JHU_Ag_17047	LLLDMSNAGDGR	AGAP013375-PA	M5(Oxidation)	88	2.24E-08	2	1277.618	1.93	Ovary	2R:-:20658147-20658112	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_19908	TAADHSDPALDVTIR	AGAP013375-PA	-	50	0.000166006	2	1581.787	0.38	Male reproductive organs	2R:-:20658396-20658352	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_26650	NQVVHFDER	AGAP013375-PA	-	53	4.27E-05	2	1143.549	-4.33	Ovary	2R:-:20657922-20657896	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_37838	ILGGTEYDAAIAEK	AGAP013375-PA	-	70	1.46E-06	2	1450.745	1.52	Malpighian tubule	2R:-:20658111-20658070	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_78501	ILGGTEYDAAIAEK	AGAP013375-PA	-	98	2.63E-09	1	1450.742	-0.25	Ovary	2R:-:20658111-20658070	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_89696	SLVFDPDMADSDER	AGAP013375-PA	M8(Oxidation)	48	9.01E-05	2	1612.680	0.21	Male reproductive organs	2R:-:20658012-20657971	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_95864	TAADHSDPALDVTIR	AGAP013375-PA	-	53	7.93E-05	1	1581.786	-0.59	Ovary	2R:-:20658396-20658352	exon=> In CDS Exon 1 of transcript AGAP013375-PA

JHU_Ag_105353	NQVVHFDER	AGAP013375-PA	-	54	3.72E-05	2	1143.551	-3.15	Head	2R:-:20657922-20657896	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_105749	ILGGTEYDAAIAEK	AGAP013375-PA	-	80	1.34E-07	2	1450.747	3.2	Male reproductive organs	2R:-:20658111-20658070	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_112611	SLVFDPDMADSDER	AGAP013375-PA	M8(Oxidation)	72	3.15E-07	1	1612.681	0.74	Ovary	2R:-:20658012-20657971	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_116793	ILGGTEYDAAIAEK	AGAP013375-PA	-	60	1.34E-05	2	1450.741	-0.75	Head	2R:-:20658111-20658070	exon=> In CDS Exon 1 of transcript AGAP013375-PA
JHU_Ag_52819	KPFQLK	AGAP013375-PA,AGAP004373-PC,AGAP004373-PA	-	34	0.001319355	1	760.472	1.12	Head	2R:-:20658327-20658310;2R:+:55454569-55454586;2R:+:55454569-55454586	exon=> In CDS Exon 1 of transcript AGAP013375-PA;exon=> In CDS Exon 3 of transcript AGAP004373-PC;exon=> In CDS Exon 3 of transcript AGAP004373-PA
JHU_Ag_11390	APDVVQSEFTSQDLFNSVYAQK	AGAP013376-PA	-	113	8.17E-11	1	2473.190	0.55	Ovary	2R:-:581756-581691	exon=> In CDS Exon 1 of transcript AGAP013376-PA
JHU_Ag_32789	APDVVQSEFTSQDLFNSVYAQK	AGAP013376-PA	-	136	3.53E-13	2	2473.189	0.11	Midgut	2R:-:581756-581691	exon=> In CDS Exon 1 of transcript AGAP013376-PA
JHU_Ag_22066	SIESIHSVGFLHR	AGAP013380-PA	-	54	3.47E-05	2	1481.789	1.78	Head	X:+:913753-913791	exon=> In CDS Exon 3 of transcript AGAP013380-PA
JHU_Ag_51273	DGAAEPADAGAPQGAVANEEK	AGAP013380-PA	-	129	1.58E-12	1	1967.896	0.8	Head	X:+:916987-917049	exon=> In CDS Exon 9 of transcript AGAP013380-PA
JHU_Ag_25414	ALEGLYYHDHDPVDPYLLSPDQPK	AGAP013381-PA	-	75	5.14E-07	1	2782.335	-0.42	Head	X:+:1009576-1009647	exon=> In CDS Exon 3 of transcript AGAP013381-PA
JHU_Ag_89215	WLTLQQLR	AGAP013383-PA	Q5(Deamidated), Q6(Deamidated)	38	0.001647491	2	1059.597	12.61	Visceras	2R:-:29778110-29778087	exon=> In CDS Exon 1 of transcript AGAP013383-PA
JHU_Ag_96474	IHEALPPLAEPVLQDASNVSDVTVPYPEELRER	AGAP013385-PA	-	77	1.51E-07	1	3683.904	3.33	Ovary	2R:+:54834811-54834909	exon=> In CDS Exon 2 of transcript AGAP013385-PA
JHU_Ag_19566	MITPSLLDAIPLSDLFQK	AGAP013386-PA	M1(Oxidation)	86	1.71E-08	1	2018.095	3.56	Ovary	2R:-:1281565-1281512	exon=> In CDS Exon 3 of transcript AGAP013386-PA
JHU_Ag_81649	NFVSVSPSINQR	AGAP013386-PA	-	38	0.002501866	2	1347.694	-5.98	Head	2R:-:1277336-1277301	exon=> In CDS Exon 5 of transcript AGAP013386-PA
JHU_Ag_112458	LDPTAYDVHKPSVPKPDDR	AGAP013386-PA	-	80	1.32E-07	1	2150.091	1.61	Ovary	2R:-:1282477-1282421	exon=> In CDS Exon 3 of transcript AGAP013386-PA
JHU_Ag_13470	DTLLMSR	AGAP013391-PA	M5(Oxidation)	43	0.00066891	2	851.432	2.95	Larva	2R:-:43503609-43503589	exon=> In CDS Exon 6 of transcript AGAP013391-PA
JHU_Ag_76100	LPADIR	AGAP013391-PA	-	30	0.004087796	1	684.404	-0.28	Midgut	2R:-:43510914-43510897	exon=> In CDS Exon 1 of transcript AGAP013391-PA
JHU_Ag_92072	TTRPEDLFNALNR	AGAP013393-PA	-	45	0.000512728	1	1546.801	2.52	Midgut	2R:+:42071687-42071725	exon=> In CDS Exon 3 of transcript AGAP013393-PA
JHU_Ag_10435	YLQQNHANWAASHGSYTNVASAFNNVLAR	AGAP013393-PA,AGAP013188-PA	-	153	7.12E-15	1	3204.538	0.75	Midgut	2R:+:42072962-42072996,42073068-42073119;2R:+:42097774-42097808,42097880-42097931	exon=> In CDS Exon 6 and 7 of transcript AGAP013393-PA;exon=> In CDS Exon 5 and 6 of transcript AGAP013188-PA
JHU_Ag_17725	SDSERDAISAFIESNK	AGAP013393-PA,AGAP013188-PA	-	68	2.31E-06	1	1768.836	0.49	Midgut	2R:+:42073126-42073173;2R:+:42097938-42097985	exon=> In CDS Exon 7 of transcript AGAP013393-PA;exon=> In CDS Exon 6 of transcript AGAP013188-PA
JHU_Ag_31465	SQDKNNAFTYVINNPYTLPHVSR	AGAP013393-PA,AGAP013188-PA	-	48	0.000222225	1	2678.336	1.26	Malpighian tubule	2R:+:42072893-42072961;2R:+:42097705-42097773	exon=> In CDS Exon 6 of transcript AGAP013393-PA;exon=> In CDS Exon 5 of transcript AGAP013188-PA
JHU_Ag_46465	SQDKNNAFTYVINNPYTLPHVSR	AGAP013393-PA,AGAP013188-PA	-	87	2.90E-08	1	2678.331	-0.47	Midgut	2R:+:42072893-42072961;2R:+:42097705-42097773	exon=> In CDS Exon 6 of transcript AGAP013393-PA;exon=> In CDS Exon 5 of transcript AGAP013188-PA

JHU_Ag_52279	DAISAFIESNK	AGAP013393-PA,AGAP013188-PA	-	81	9.93E-08	2	1194.599	-0.62	Midgut	2R:+:42073141-42073173;2R:+:42097953-42097985	exon=> In CDS Exon 7 of transcript AGAP013393-PA;exon=> In CDS Exon 6 of transcript AGAP013188-PA
JHU_Ag_61087	ALEEWIDYPYASVAGMTR	AGAP013393-PA,AGAP013188-PA	-	85	5.01E-08	2	2071.978	-0.9	Midgut	2R:+:42071131-42071184;2R:+:42095944-42095997	exon=> In CDS Exon 2 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA
JHU_Ag_12096	QVVYCEGIR	AGAP013393-PA,AGAP013188-PA,AGAP012745-PA	C5(Carbamidomethyl)	40	0.001428093	2	1123.557	0.5	Midgut	2R:+:42072649-42072675;2R:+:42097461-42097487;UNKN:-:26433244-26433218	exon=> In CDS Exon 5 of transcript AGAP013393-PA;exon=> In CDS Exon 4 of transcript AGAP013188-PA;exon=> In CDS Exon 3 of transcript AGAP012745-PA
JHU_Ag_347	MDITAWSVTR	AGAP013393-PA,AGAP013255-PA	M1(Oxidation)	87	3.42E-08	2	1179.583	0.59	Midgut	2R:+:42070496-42070525;2R:+:42090268-42090297	exon=> In CDS Exon 1 of transcript AGAP013393-PA;exon=> In CDS Exon 1 of transcript AGAP013255-PA
JHU_Ag_4472	TGLEDYETNKQFTLR	AGAP013393-PA,AGAP013255-PA,AGAP012745-PA	-	47	0.000249077	1	1814.892	-0.12	Midgut	2R:+:42073210-42073254;2R:+:42092978-42093022;UNKN:-:26432686-26432642	exon=> In CDS Exon 7 of transcript AGAP013393-PA;exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA
JHU_Ag_90881	TGLEDYETNK	AGAP013393-PA,AGAP013255-PA,AGAP012745-PA	-	60	9.72E-06	1	1169.531	-1.22	Midgut	2R:+:42073210-42073239;2R:+:42092978-42093007;UNKN:-:26432686-26432657	exon=> In CDS Exon 7 of transcript AGAP013393-PA;exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA
JHU_Ag_29516	SYYWEDGVK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA	-	52	3.08E-05	1	1146.510	-0.41	Midgut	2R:+:42070688-42070714;2R:+:42090460-42090486;2R:+:42095501-42095527	exon=> In CDS Exon 1 of transcript AGAP013393-PA;exon=> In CDS Exon 1 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP013188-PA
JHU_Ag_37554	VWMGSTQFQQTHAR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA	M3(Oxidation),Q7(Deamidated)	105	5.75E-10	1	1676.796	-0.4	Midgut	2R:+:42070715-42070756;2R:+:42090487-42090528;2R:+:42095528-42095569	exon=> In CDS Exon 1 of transcript AGAP013393-PA;exon=> In CDS Exon 1 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP013188-PA
JHU_Ag_45736	LNDDVWPTHYDIEIKPYLEQEGNK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA	-	102	9.47E-10	1	2916.403	-0.74	Midgut	2R:+:42070337-42070408;2R:+:42090109-42090180;2R:+:42095150-42095221	exon=> In CDS Exon 1 of transcript AGAP013393-PA;exon=> In CDS Exon 1 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP013188-PA
JHU_Ag_78132	TQYNVYSNTAIVGTAVAEVGR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA	-	123	6.21E-12	1	2213.121	0.73	Midgut	2R:+:42070823-42070875,42070956-42070965;2R:+:42090595-42090647,42090728-42090737;2R:+:42095636-42095688,42095769-42095778	exon=> In CDS Exon 1 and 2 of transcript AGAP013393-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013255-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013188-PA

JHU_Ag_100797	AQFTFDGSAK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA	-	56	2.39E-05	1	1071.510	-0.78	Midgut	2R:+:42070409-42070438;2R:+:42090181-42090210;2R:+:42095222-42095251	exon=> In CDS Exon 1 of transcript AGAP013393-PA;exon=> In CDS Exon 1 of transcript AGAP013255-PA;exon=> In CDS Exon 1 of transcript AGAP013188-PA
JHU_Ag_3069	FLVNEPDHNEQTAWPLPITFATK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	87	2.42E-08	1	2668.343	0.71	Midgut	2R:+:42071834-42071902;2R:+:42091605-42091673;2R:+:42096646-42096714;UNKN:-:26434059-26433991	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_9539	AQIVDDLFNLAR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	47	0.000260446	2	1374.744	4.66	Larva	2R:+:42072110-42072145;2R:+:42091881-42091916;2R:+:42096922-42096957;UNKN:-:26433783-26433748	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_9625	DEIHEFLDNK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	N9(Deamidated)	46	0.000251428	1	1259.590	-0.53	Midgut	2R:+:42073261-42073290;2R:+:42093029-42093058;2R:+:42098073-42098102;UNKN:-:26432635-26432606	exon=> In CDS Exon 7 of transcript AGAP013393-PA;exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 6 of transcript AGAP013188-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA
JHU_Ag_17000	AQIVDDLFNLAR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	96	2.76E-09	2	1374.745	5.01	Malpighian tubule	2R:+:42072110-42072145;2R:+:42091881-42091916;2R:+:42096922-42096957;UNKN:-:26433783-26433748	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_17435	NRDEIHEFLDNK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	73	7.10E-07	1	1529.729	-3.63	Midgut	2R:+:42073255-42073290;2R:+:42093023-42093058;2R:+:42098067-42098102;UNKN:-:26432641-26432606	exon=> In CDS Exon 7 of transcript AGAP013393-PA;exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 6 of transcript AGAP013188-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA
JHU_Ag_23027	FQAPTATER	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	40	0.001472898	2	1020.511	0.16	Midgut	2R:+:42072417-42072443;2R:+:42092188-42092214;2R:+:42097229-42097255;UNKN:-:26433476-26433450	exon=> In CDS Exon 4 of transcript AGAP013393-PA;exon=> In CDS Exon 3 of transcript AGAP013255-PA;exon=> In CDS Exon 3 of transcript AGAP013188-PA;exon=> In CDS Exon 2 of transcript AGAP012745-PA

JHU_Ag_24320	ALHSEGFGGIHVLNR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	103	6.79E-10	1	1606.851	3.71	Malpighian tubule	2R:+:42072065-42072109;2R:+:42091836-42091880;2R:+:42096877-42096921;UNKN:-:26433828-26433784	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_29072	GDVVPYGTALEILEYLK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	125	2.56E-12	2	1880.006	0.16	Midgut	2R:+:42072146-42072196;2R:+:42091917-42091967;2R:+:42096958-42097008;UNKN:-:26433747-26433697	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_30050	NILGQAAYDSIK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	102	8.33E-10	1	1292.685	0.06	Midgut	2R:+:42073174-42073209;2R:+:42092942-42092977;2R:+:42097986-42098021;UNKN:-:26432722-26432687	exon=> In CDS Exon 7 of transcript AGAP013393-PA;exon=> In CDS Exon 6 of transcript AGAP013255-PA;exon=> In CDS Exon 6 of transcript AGAP013188-PA;exon=> In CDS Exon 5 of transcript AGAP012745-PA
JHU_Ag_37444	AQIVDDLFNLAR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	59	1.59E-05	1	1374.739	0.75	Visceras	2R:+:42072110-42072145;2R:+:42091881-42091916;2R:+:42096922-42096957;UNKN:-:26433783-26433748	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_45928	ALHSEGFGGIHVLNR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	116	3.08E-11	1	1606.849	2.42	Midgut	2R:+:42072065-42072109;2R:+:42091836-42091880;2R:+:42096877-42096921;UNKN:-:26433828-26433784	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_50090	VNYDAILWGK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	82	1.02E-07	2	1178.619	-1.3	Midgut	2R:+:42072026-42072055;2R:+:42091797-42091826;2R:+:42096838-42096867;UNKN:-:26433867-26433838	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA

JHU_Ag_57693	YHQNPSVK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	50	8.53E-05	1	972.490	0.41	Midgut	2R:+:42072540-42072562,42072630-42072630;2R:+:42092311-42092333,42092401-42092401;2R:+:42097352-42097374,42097442-42097442;UNKN:-:26433353-26433521,26433098-26433263	exon=> In CDS Exon 4 and 5 of transcript AGAP013393-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013255-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013188-PA;exon=> In CDS Exon 3 and 2 of transcript AGAP012745-PA
JHU_Ag_66758	GDVVPYGTALEILEYLKEETEYAPWLAAVNGLTTLSR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	N30(Deamidated)	40	0.000505002	1	4083.105	4.82	Midgut	2R:+:42072146-42072256;2R:+:42091917-42092027;2R:+:42096958-42097068;UNKN:-:26433747-26433637	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_78129	RIHADDEK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	33	0.004621381	1	983.493	2.55	Midgut	2R:+:42072257-42072280;2R:+:42092028-42092051;2R:+:42097069-42097092;UNKN:-:26433636-26433613	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_78153	AQIVDDLFNLAR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	42	0.000730449	2	1374.742	3.15	Pupa	2R:+:42072110-42072145;2R:+:42091881-42091916;2R:+:42096922-42096957;UNKN:-:26433783-26433748	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_81422	MMEHYLTTETFK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	M1(Oxidation), M2(Oxidation),M1(Oxidation)	83	4.62E-08	1	1530.695	-1.32	Midgut	2R:+:42071612-42071647;2R:+:42091383-42091418;2R:+:42096424-42096459;UNKN:-:26434281-26434246	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_81451	AAVAEFHR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	68	1.57E-06	2	900.469	-0.13	Midgut	2R:+:42072516-42072539;2R:+:42092287-42092310;2R:+:42097328-42097351;UNKN:-:26433377-26433354	exon=> In CDS Exon 4 of transcript AGAP013393-PA;exon=> In CDS Exon 3 of transcript AGAP013255-PA;exon=> In CDS Exon 3 of transcript AGAP013188-PA;exon=> In CDS Exon 2 of transcript AGAP012745-PA

JHU_Ag_87874	MYMAAVPDFSAGAMENWGLLTYR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	M1(Oxidation), M3(Oxidation), M14(Oxidation)	67	2.19E-06	2	2642.171	-0.6	Midgut	2R:+:42071185-42071253;2R:+:42090957-42091025;2R:+:42095998-42096066;UNKN:-:26434707-26434639	exon=> In CDS Exon 2 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_90612	QNVLQWACNYGHEECSK	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	C8(Carbamidomethyl), C15(Carbamidomethyl)	107	1.46E-10	1	2122.909	1.04	Midgut	2R:+:42072465-42072515;2R:+:42092236-42092286;2R:+:42097277-42097327;UNKN:-:26433428-26433378	exon=> In CDS Exon 4 of transcript AGAP013393-PA;exon=> In CDS Exon 3 of transcript AGAP013255-PA;exon=> In CDS Exon 3 of transcript AGAP013188-PA;exon=> In CDS Exon 2 of transcript AGAP012745-PA
JHU_Ag_92115	ASEFSITRPAFYTGMTFEIPMQGASDVEYFILNNQQVGYYR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	M15(Oxidation), M21(Oxidation)	31	0.007403227	1	4773.232	0.84	Midgut	2R:+:42071903-42072025;2R:+:42091674-42091796;2R:+:42096715-42096837;UNKN:-:26433990-26433868	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_110782	AQIVDDLFNLAR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	107	3.67E-10	1	1374.731	-4.58	Midgut	2R:+:42072110-42072145;2R:+:42091881-42091916;2R:+:42096922-42096957;UNKN:-:26433783-26433748	exon=> In CDS Exon 3 of transcript AGAP013393-PA;exon=> In CDS Exon 2 of transcript AGAP013255-PA;exon=> In CDS Exon 2 of transcript AGAP013188-PA;exon=> In CDS Exon 1 of transcript AGAP012745-PA
JHU_Ag_115540	IFTYMR	AGAP013393-PA,AGAP013255-PA,AGAP013188-PA,AGAP012745-PA	-	38	0.001284184	2	830.422	-0.65	Midgut	2R:+:42072447-42072464;2R:+:42092218-42092235;2R:+:42097259-42097276;UNKN:-:26433446-26433429	exon=> In CDS Exon 4 of transcript AGAP013393-PA;exon=> In CDS Exon 3 of transcript AGAP013255-PA;exon=> In CDS Exon 3 of transcript AGAP013188-PA;exon=> In CDS Exon 2 of transcript AGAP012745-PA
JHU_Ag_15094	FIYISEEELK	AGAP013398-PA	-	54	4.48E-05	1	1270.656	-0.14	Male reproductive organs	2R:-:39450840-39450811	exon=> In CDS Exon 3 of transcript AGAP013398-PA
JHU_Ag_1502	MILQQILR	AGAP013408-PA	N-Term(Acetyl), Q4(Deamidated)	32	0.003415046	2	1057.617	8.99	Ovary	2R:-:44375296-44375273	exon=> In CDS Exon 1 of transcript AGAP013408-PA
JHU_Ag_116230	MILQQILR	AGAP013408-PA	N-Term(Acetyl), Q5(Deamidated)	32	0.003415046	2	1057.617	8.99	Ovary	2R:-:44375296-44375273	exon=> In CDS Exon 1 of transcript AGAP013408-PA
JHU_Ag_70303	SSSPSHQR	AGAP013411-PA	Q7(Deamidated)	28	0.007319016	2	886.403	1.65	Head	2R:+:32864227-32864250	exon=> In CDS Exon 3 of transcript AGAP013411-PA
JHU_Ag_17768	QLLAIK	AGAP013412-PA	-	35	0.001099119	1	685.462	1.74	Malpighian tubule	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA
JHU_Ag_28910	QLLAIK	AGAP013412-PA	-	34	0.001315361	1	685.462	1.47	Salivary gland	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA
JHU_Ag_39016	QLLAIK	AGAP013412-PA	-	40	0.000299257	1	685.463	3.25	Larva	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA
JHU_Ag_64089	QLLAIK	AGAP013412-PA	-	40	0.000300639	1	685.462	1.92	Pupa	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA

JHU_Ag_74262	QLLAIK	AGAP013412-PA	-	40	0.000176618	1	685.462	1.29	Visceras	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA
JHU_Ag_79651	QLLAIK	AGAP013412-PA	-	41	0.000282517	1	685.463	3.16	Head	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA
JHU_Ag_102951	QLLAIK	AGAP013412-PA	-	41	0.000295151	1	685.462	1.47	Midgut	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA
JHU_Ag_115867	QLLAIK	AGAP013412-PA	-	40	0.000340443	1	685.463	3.08	Male reproductive organs	2R:-:29988289-29988272	exon=> In CDS Exon 2 of transcript AGAP013412-PA
JHU_Ag_24285	SVAPVDPLASFDVLYR	AGAP013414-PA	-	60	1.25E-05	1	1748.924	1.3	Male reproductive organs	2R:+:20917353-20917400	exon=> In CDS Exon 2 of transcript AGAP013414-PA
JHU_Ag_49015	VMAFDPTADSGTPVAEQFPLHDASSSK	AGAP013414-PA	M2(Oxidation)	60	1.04E-05	1	2821.295	-1.2	Male reproductive organs	2R:+:20917233-20917313	exon=> In CDS Exon 2 of transcript AGAP013414-PA
JHU_Ag_83590	ANGDSCCGYEIVDGILSK	AGAP013414-PA	C6(Carbamidomethyl), C7(Carbamidomethyl)	38	0.001342134	2	1957.872	4.42	Male reproductive organs	2R:+:20917488-20917541	exon=> In CDS Exon 2 of transcript AGAP013414-PA
JHU_Ag_31997	FITLHDGFIR	AGAP013419-PA	-	58	1.85E-05	1	1218.664	0.43	Ovary	2R:+:38599001-38599030	exon=> In CDS Exon 2 of transcript AGAP013419-PA
JHU_Ag_67120	LLVPDIR	AGAP013420-PA	-	30	0.001652418	2	825.517	-2.34	Head	2R:+:49286783-49286803	exon=> In CDS Exon 1 of transcript AGAP013420-PA
JHU_Ag_88611	LLVPDIR	AGAP013420-PA	-	26	0.003912767	1	825.518	-1.23	Malpighian tubule	2R:+:49286783-49286803	exon=> In CDS Exon 1 of transcript AGAP013420-PA
JHU_Ag_2448	VITSFPQPLLFLPVSLAIDGAK	AGAP013423-PA	-	102	9.36E-11	1	2326.346	1.74	Salivary gland	2R:-:47695077-47695012	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_10996	NGLSNLADQAGQGFER	AGAP013423-PA	N5(Deamidated),N1(Deamidated)	149	1.72E-14	1	1677.782	-0.45	Salivary gland	2R:-:47695416-47695369	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_30553	NGLSNLADQAGQGFER	AGAP013423-PA	-	140	1.77E-13	1	1676.803	2.32	Head	2R:-:47695416-47695369	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_36490	GYNCINRK	AGAP013423-PA	C4(Carbamidomethyl)	42	0.000781604	1	1024.500	0.96	Salivary gland	2R:-:47695272-47695249	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_38127	EVVRNGLSNLADQAGQGFER	AGAP013423-PA	N5(Deamidated)	83	8.72E-08	1	2161.069	2.84	Salivary gland	2R:-:47695428-47695369	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_51084	LLATGYQNTFGQLFLEESFQR	AGAP013423-PA	-	174	5.30E-17	1	2462.240	1.99	Salivary gland	2R:-:47695518-47695456	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_81355	VALCQVFGS	AGAP013423-PA	C4(Carbamidomethyl)	66	3.39E-06	2	980.488	1.33	Salivary gland	2R:-:47694912-47694886	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_96280	QCVGDNLNPTNVAR	AGAP013423-PA	C2(Carbamidomethyl)	93	7.32E-09	2	1557.745	0.66	Salivary gland	2R:-:47695329-47695288	exon=> In CDS Exon 2 of transcript AGAP013423-PA
JHU_Ag_1734	LDPLLVAPFVR	AGAP013429-PA	-	61	1.39E-06	1	1239.750	2.94	Salivary gland	2R:-:12983145-12983113	exon=> In CDS Exon 5 of transcript AGAP013429-PA
JHU_Ag_19522	IYFPQSIPR	AGAP013429-PA	-	44	0.000332264	1	1120.617	2	Malpighian tubule	2R:-:12983109-12983083	exon=> In CDS Exon 5 of transcript AGAP013429-PA
JHU_Ag_32643	NAIHQMMIQR	AGAP013429-PA	-	40	0.00134556	1	1241.626	1.45	Malpighian tubule	2R:-:12984068-12984039	exon=> In CDS Exon 4 of transcript AGAP013429-PA
JHU_Ag_40507	GSAALNYLVGGR	AGAP013429-PA	-	73	6.51E-07	2	1177.634	1.59	Malpighian tubule	2R:-:12984943-12984908	exon=> In CDS Exon 1 of transcript AGAP013429-PA
JHU_Ag_50328	AKDQLIPVLLMK	AGAP013429-PA	-	66	3.89E-07	1	1368.832	2.78	Malpighian tubule	2R:-:12983885-12983850	exon=> In CDS Exon 4 of transcript AGAP013429-PA
JHU_Ag_68781	GSAALNYLVGGR	AGAP013429-PA	-	71	9.78E-07	2	1177.636	2.83	Salivary gland	2R:-:12984943-12984908	exon=> In CDS Exon 1 of transcript AGAP013429-PA
JHU_Ag_85538	KIYFPQSIPR	AGAP013429-PA	-	48	7.05E-05	2	1248.717	5.51	Malpighian tubule	2R:-:12983112-12983083	exon=> In CDS Exon 5 of transcript AGAP013429-PA
JHU_Ag_85780	LDPLLVAPFVR	AGAP013429-PA	-	67	3.66E-07	1	1239.750	3.43	Malpighian tubule	2R:-:12983145-12983113	exon=> In CDS Exon 5 of transcript AGAP013429-PA
JHU_Ag_88093	QQPSKLDPLLVAPFVR	AGAP013429-PA	-	49	2.03E-05	1	1808.047	2.48	Malpighian tubule	2R:-:12983160-12983113	exon=> In CDS Exon 5 of transcript AGAP013429-PA
JHU_Ag_89025	YLALPTFR	AGAP013429-PA	-	31	0.00351241	2	980.559	2.59	Salivary gland	2R:-:12984038-12984015	exon=> In CDS Exon 4 of transcript AGAP013429-PA

JHU_Ag_26683	ASIENLER	AGAP013440-PA	-	46	0.000519211	2	931.483	-1.4	Ovary	X:-:13736895-13736872	exon=> In CDS Exon 1 of transcript AGAP013440-PA
JHU_Ag_36296	VSWAQVVFDR	AGAP013440-PA	-	46	0.000381807	2	1206.625	-1.42	Head	X:-:13736973-13736944	exon=> In CDS Exon 1 of transcript AGAP013440-PA
JHU_Ag_45367	HVLDNTPIFFQQTD	AGAP013440-PA	-	55	5.57E-05	2	1674.822	5.78	Head	X:-:13736862-13736821	exon=> In CDS Exon 1 of transcript AGAP013440-PA
JHU_Ag_57285	NYFSQFGK	AGAP013440-PA	-	43	0.000575989	2	990.470	1.87	Ovary	X:-:13736997-13736974	exon=> In CDS Exon 1 of transcript AGAP013440-PA
JHU_Ag_57573	GYGFVSFQK	AGAP013440-PA	-	42	0.000791791	1	1032.514	-0.95	Ovary	X:-:13736925-13736899	exon=> In CDS Exon 1 of transcript AGAP013440-PA
JHU_Ag_100203	HVLDNTPIFFQQTD	AGAP013440-PA	-	80	1.53E-07	1	1674.814	1.11	Ovary	X:-:13736862-13736821	exon=> In CDS Exon 1 of transcript AGAP013440-PA
JHU_Ag_105387	VSWAQVVFDR	AGAP013440-PA	-	86	3.95E-08	2	1206.629	2.12	Visceras	X:-:13736973-13736944	exon=> In CDS Exon 1 of transcript AGAP013440-PA
JHU_Ag_47087	ILDENAGLIQTIQEFQYAGK	AGAP013441-PA	-	71	9.79E-07	2	2251.165	1.78	Ovary	X:-:5717063-5717004	exon=> In CDS Exon 2 of transcript AGAP013441-PA
JHU_Ag_27404	TGEVNFVTGFGR	AGAP013442-PA	-	37	0.002765162	2	1283.642	3.36	Larva	2R:-:31608450-31608415	exon=> In CDS Exon 3 of transcript AGAP013442-PA
JHU_Ag_55822	TGEVNFVTGFGR	AGAP013442-PA	-	39	0.001802249	2	1283.638	0.04	Pupa	2R:-:31608450-31608415	exon=> In CDS Exon 3 of transcript AGAP013442-PA
JHU_Ag_13633	RGFPGVSLR	AGAP013443-PA	-	42	0.000487999	1	988.573	3.99	Larva	2R:+:2093233-2093259	exon=> In CDS Exon 2 of transcript AGAP013443-PA
JHU_Ag_37520	LMPGFNDFTYTEGTVGSDIGNWER	AGAP013443-PA	M2(Oxidation)	84	3.87E-08	2	2722.218	3.12	Larva	2R:+:2093161-2093232	exon=> In CDS Exon 2 of transcript AGAP013443-PA
JHU_Ag_47042	AIYWTAEETGLEGADEYEK	AGAP013443-PA	-	127	2.34E-12	1	2174.984	3.3	Larva	2R:+:2092906-2092962	exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_75642	NKNENYFWYHHSEGDTMELEDPHDLDR	AGAP013443-PA	M17(Oxidation)	83	1.46E-08	1	3407.440	2.98	Larva	2R:+:2093260-2093282,2093347-2093404	exon=> In CDS Exon 2 and 3 of transcript AGAP013443-PA
JHU_Ag_75750	MIIHLK	AGAP013443-PA	M1(Oxidation)	27	0.003078447	1	770.464	6.58	Larva	2R:+:2092669-2092686	exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_91660	GFPGVSLR	AGAP013443-PA	-	50	0.000132209	2	832.468	0.03	Midgut	2R:+:2093236-2093259	exon=> In CDS Exon 2 of transcript AGAP013443-PA
JHU_Ag_91771	IVVFVPAWAGYGATVQYR	AGAP013443-PA	-	87	1.99E-08	1	1997.069	2.12	Larva	2R:+:2092423-2092476	exon=> In CDS Exon 1 of transcript AGAP013443-PA
JHU_Ag_53291	TAQFVHENTPNNLLVPDEVHR	AGAP013447-PA	-	40	0.00129799	1	2430.205	-4.64	Head	X:+:888421-888483	exon=> In CDS Exon 1 of transcript AGAP013447-PA
JHU_Ag_79205	TAQFVHENTPNNLLVPDEVHR	AGAP013447-PA	-	66	3.43E-06	1	2430.213	-1.47	Malpighian tubule	X:+:888421-888483	exon=> In CDS Exon 1 of transcript AGAP013447-PA
JHU_Ag_13163	LGLTLREDQIGPAFGR	AGAP013449-PA	-	40	0.000653616	3	1742.963	4.64	Malpighian tubule	X:-:12627034-12626987	exon=> In CDS Exon 2 of transcript AGAP013449-PA
JHU_Ag_21107	HQAIPAPLLR	AGAP013449-PA	-	35	0.001317601	1	1115.669	0.6	Head	X:-:12626842-12626813	exon=> In CDS Exon 2 of transcript AGAP013449-PA
JHU_Ag_37141	APAGQEIRPDEALHIGNLCR	AGAP013449-PA	C19(Carbamidomethyl)	138	2.46E-13	1	2217.114	-2.51	Head	X:-:12626512-12626453	exon=> In CDS Exon 2 of transcript AGAP013449-PA
JHU_Ag_112275	VVVDAAATGTDRHQAIPAPLLR	AGAP013449-PA	-	67	6.05E-07	1	2271.266	4.09	Malpighian tubule	X:-:12626878-12626813	exon=> In CDS Exon 2 of transcript AGAP013449-PA
JHU_Ag_111713	ENPDGDDEVHFEYGTTEK	AGAP013450-PA	-	36	0.000716 8	1	2081.862	2.47	Malpighian tubule	2R:+:6123315-6123368	exon=> In CDS Exon 2 of transcript AGAP013450-PA
JHU_Ag_24651	FTSQLDER	AGAP013451-PA	-	38	0.002024283	2	995.482	2.27	Larva	2R:-:23669433-23669410	exon=> In CDS Exon 2 of transcript AGAP013451-PA
JHU_Ag_33311	TPTLPADTDVLFR	AGAP013451-PA	-	87	2.68E-08	1	1445.771	5.27	Larva	2R:-:23669517-23669479	exon=> In CDS Exon 2 of transcript AGAP013451-PA
JHU_Ag_101260	GEEQSEESFWVLSR	AGAP013451-PA	-	105	4.05E-10	1	1682.778	7.51	Larva	2R:-:23669559-23669518	exon=> In CDS Exon 2 of transcript AGAP013451-PA

JHU_Ag_27851	VIPDETIQLIYESIATMLNSLR	AGAP013453-PA	M17(Oxidation)	35	0.001656822	2	2535.354	6.5	Larva	2R:-:19945841-19945776	exon=> In CDS Exon 1 of transcript AGAP013453-PA
JHU_Ag_39963	EGSFDFTPELEAMLGEALAAAK	AGAP013453-PA	M13(Oxidation)	81	1.39E-07	2	2313.105	3.95	Larva	2R:-:19946210-19946145	exon=> In CDS Exon 1 of transcript AGAP013453-PA
JHU_Ag_108442	TVQATYPPALLQEIATELLATGGR	AGAP013453-PA	-	67	8.84E-07	2	2513.372	4.48	Larva	2R:-:19946513-19946442	exon=> In CDS Exon 1 of transcript AGAP013453-PA
JHU_Ag_56111	ERIDIENGDEEAAFAAVIRPNSNNSPQPAAGGVADK	AGAP013455-PA	-	66	2.70E-06	1	3722.787	-3.68	Head	2R:+:42777270-42777377	exon=> In CDS Exon 3 of transcript AGAP013455-PA
JHU_Ag_66112	KVFTLNPAAKPFTPR	AGAP013455-PA	-	35	0.001097777	1	1686.973	2.22	Malpighian tubule	2R:+:42779103-42779147	exon=> In CDS Exon 3 of transcript AGAP013455-PA
JHU_Ag_81084	LIFKPHDIVTIVAK	AGAP013455-PA	-	65	1.07E-07	1	1593.978	3.03	Ovary	2R:+:42776874-42776915	exon=> In CDS Exon 3 of transcript AGAP013455-PA
JHU_Ag_82640	VFTLNPAAKPFTPR	AGAP013455-PA	-	32	0.00426733	1	1558.881	4.13	Malpighian tubule	2R:+:42779106-42779147	exon=> In CDS Exon 3 of transcript AGAP013455-PA
JHU_Ag_108812	LIFKPHDIVTIVAK	AGAP013455-PA	-	63	1.80E-07	1	1593.976	1.76	Salivary gland	2R:+:42776874-42776915	exon=> In CDS Exon 3 of transcript AGAP013455-PA
JHU_Ag_109164	IANEIENNPVYK	AGAP013455-PA	-	61	1.45E-05	2	1403.722	3.76	Ovary	2R:+:42777234-42777269	exon=> In CDS Exon 3 of transcript AGAP013455-PA
JHU_Ag_6612	SLALSVQPPVK	AGAP013461-PA	-	35	0.000556124	2	1138.685	1.23	Male reproductive organs	2R:+:57864663-57864695	exon=> In CDS Exon 2 of transcript AGAP013461-PA
JHU_Ag_76113	GHRDDELFAQFK	AGAP013462-PA	-	55	4.70E-05	2	1462.711	2.77	Head	2R:-:51635121-51635086	exon=> In CDS Exon 1 of transcript AGAP013462-PA
JHU_Ag_117498	KADLANR	AGAP013462-PA	N6(Deamidated)	41	0.001810555	2	788.427	0.92	Ovary	2R:-:51635148-51635128	exon=> In CDS Exon 1 of transcript AGAP013462-PA
JHU_Ag_10711	KLEVEGLLER	AGAP013463-PA	-	43	0.00043798	3	1185.683	-0.35	Head	2R:+:17420893-17420922	exon=> In CDS Exon 6 of transcript AGAP013463-PA
JHU_Ag_62756	LSAGTEDEFLAAYEK	AGAP013463-PA	-	89	1.69E-08	2	1643.783	1.84	Head	2R:+:17418673-17418717	exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_73587	YKIDHAQELLLAK	AGAP013463-PA	-	61	3.82E-06	1	1541.874	3.34	Malpighian tubule	2R:+:17419129-17419167	exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_73918	YAQDVEMGELVVQDK	AGAP013463-PA	M7(Oxidation)	45	0.000473354	2	1739.819	2.1	Ovary	2R:+:17420848-17420892	exon=> In CDS Exon 6 of transcript AGAP013463-PA
JHU_Ag_74744	EEDRAELLSVAVYR	AGAP013463-PA	-	100	1.62E-09	1	1649.854	2.97	Head	2R:+:17418751-17418792	exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_86014	LLQTLATSLHAK	AGAP013463-PA	-	36	0.000426697	1	1295.769	0.3	Male reproductive organs	2R:+:17421109-17421144	exon=> In CDS Exon 6 of transcript AGAP013463-PA
JHU_Ag_86983	TAAGQDGDGDDDQFNQFGEVPLALMK	AGAP013463-PA	M25(Oxidation)	35	0.00228292	2	2755.213	-0.87	Head	2R:+:17420011-17420088	exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_88972	LSAGTEDEFLAAYEK	AGAP013463-PA	-	74	5.27E-07	1	1643.779	-0.54	Ovary	2R:+:17418673-17418717	exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_96551	IDHAQELLLAK	AGAP013463-PA	-	74	1.84E-07	1	1250.714	2.54	Head	2R:+:17419135-17419167	exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_105845	IIPDDAGALINEDPLLSLLVK	AGAP013463-PA	-	45	4.60E-05	1	2219.252	-0.65	Ovary	2R:+:17418934-17418996	exon=> In CDS Exon 3 of transcript AGAP013463-PA
JHU_Ag_115581	KLEVEGLLER	AGAP013463-PA	-	61	6.95E-06	2	1185.684	-0.06	Ovary	2R:+:17420893-17420922	exon=> In CDS Exon 6 of transcript AGAP013463-PA
JHU_Ag_2087	IKDLIK	AGAP013466-PA,AGAP003482-PA	-	43	0.00026778	1	729.487	0.65	Malpighian tubule	2R:+:38511859-38511876;2R:+:38514259-38514276	exon=> In CDS Exon 2 of transcript AGAP013466-PA;exon=> In CDS Exon 2 of transcript AGAP003482-PA
JHU_Ag_33645	AGLDQHHTELVLEQLAK	AGAP013467-PA	Q5(Deamidated)	119	1.35E-11	1	1902.005	-1.54	Head	2R:+:43075757-43075807	exon=> In CDS Exon 3 of transcript AGAP013467-PA
JHU_Ag_37342	DAFEQLATIITPR	AGAP013467-PA	-	59	1.48E-05	2	1474.795	3.14	Head	2R:+:43076006-43076044	exon=> In CDS Exon 3 of transcript AGAP013467-PA
JHU_Ag_45815	LTHLNYFLR	AGAP013467-PA	-	52	6.18E-05	1	1176.653	0.48	Head	2R:+:43076237-43076263	exon=> In CDS Exon 3 of transcript AGAP013467-PA

JHU_Ag_69897	AKVDVLTQGTGVVESFSTIVK	AGAP013467-PA	-	72	1.48E-07	1	2178.210	3.88	Head	2R:+:43075463-43075525	exon=> In CDS Exon 3 of transcript AGAP013467-PA
JHU_Ag_98007	VDVLTQGTGVVESFSTIVK	AGAP013467-PA	-	110	6.01E-11	2	1979.076	3.08	Head	2R:+:43075469-43075525	exon=> In CDS Exon 3 of transcript AGAP013467-PA
JHU_Ag_65310	AKLNLAEIGAR	AGAP013468-PA	N4(Deamidated)	29	0.011979015	1	1156.657	-10.14	Midgut	2R:+:38673845-38673877	exon=> In CDS Exon 2 of transcript AGAP013468-PA
JHU_Ag_55277	SGNSMATSQFNIELVR	AGAP013471-PA	M5(Oxidation)	69	1.77E-06	2	1769.859	5.75	Larva	2R:+:29089435-29089482	exon=> In CDS Exon 1 of transcript AGAP013471-PA
JHU_Ag_58863	YCAQTATEQLKPWTLER	AGAP013471-PA	C2(Carbamidomethyl)	58	2.47E-05	1	2095.038	4.88	Larva	2R:+:29089633-29089683	exon=> In CDS Exon 1 of transcript AGAP013471-PA
JHU_Ag_112168	YADYVHSELTQLTYR	AGAP013471-PA	-	61	1.27E-05	1	1858.901	2.1	Larva	2R:+:29089693-29089737	exon=> In CDS Exon 1 of transcript AGAP013471-PA
JHU_Ag_8481	ESQWDPPTAPAEPANTNEPHEVQCAHLLVK	AGAP013475-PA	C24(Carbamidomethyl)	72	6.98E-07	1	3365.588	0.56	Head	2R:+:54455780-54455830,54455914-54455952	exon=> In CDS Exon 2 and 3 of transcript AGAP013475-PA
JHU_Ag_20645	ESQWDPPTAPAEPANTNEPHEVQCAHLLVK	AGAP013475-PA	C24(Carbamidomethyl)	94	4.60E-09	1	3365.595	2.8	Malpighian tubule	2R:+:54455780-54455830,54455914-54455952	exon=> In CDS Exon 2 and 3 of transcript AGAP013475-PA
JHU_Ag_81592	ESQWDPPTAPAEPANTNEPHEVQCAHLLVK	AGAP013475-PA	C24(Carbamidomethyl)	106	3.04E-10	1	3365.583	-0.75	Ovary	2R:+:54455780-54455830,54455914-54455952	exon=> In CDS Exon 2 and 3 of transcript AGAP013475-PA
JHU_Ag_87236	ESQWDPPTAPAEPANTNEPHEVQCAHLLVK	AGAP013475-PA	C24(Carbamidomethyl)	42	0.000806448	1	3365.605	5.85	Visceras	2R:+:54455780-54455830,54455914-54455952	exon=> In CDS Exon 2 and 3 of transcript AGAP013475-PA
JHU_Ag_70093	IPYDQLNAPTVDGEDAGSSIHSAIGK	AGAP013476-PA	-	82	9.09E-08	1	2655.303	5.12	Head	X:+:5935774-5935851	exon=> In CDS Exon 1 of transcript AGAP013476-PA
JHU_Ag_3035	VGYTPDVLTDATAELTVALLLATAR	AGAP013478-PA,AGAP013478-PB	-	160	4.08E-16	2	2574.406	1.23	Midgut	2R:+:5858024-5858098;2R:+:5858024-5858098	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_4084	NSVVGIFGFGR	AGAP013478-PA,AGAP013478-PB	-	54	4.13E-05	1	1152.616	-0.48	Head	2R:+:5858183-5858215;2R:+:5858183-5858215	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_14951	VISTISVGYDHIDVK	AGAP013478-PA,AGAP013478-PB	-	81	1.12E-07	1	1645.879	-0.55	Midgut	2R:+:5857868-5857890,5857978-5857999;2R:+:5857868-5857890,5857978-5857999	exon=> In CDS Exon 2 and 3 of transcript AGAP013478-PA;exon=> In CDS Exon 2 and 3 of transcript AGAP013478-PB
JHU_Ag_21521	GGVVEQHDLIHALR	AGAP013478-PA,AGAP013478-PB	-	119	1.27E-11	1	1543.835	0.4	Midgut	2R:+:5858462-5858503;2R:+:5858462-5858503	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_21724	GGVVEQHDLIHALR	AGAP013478-PA,AGAP013478-PB	-	80	1.13E-07	1	1543.837	1.98	Head	2R:+:5858462-5858503;2R:+:5858462-5858503	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_22453	SWSPMWMCGTSVK	AGAP013478-PA,AGAP013478-PB	M5(Oxidation), M7(Oxidation), C8(Carbamidomethyl)	27	0.007157867	1	1588.659	-0.24	Midgut	2R:+:5858144-5858182;2R:+:5858144-5858182	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_24255	ITACNILAGLK	AGAP013478-PA,AGAP013478-PB	C4(Carbamidomethyl)	39	0.000921089	2	1173.670	3.12	Malpighian tubule	2R:+:5858648-5858680;2R:+:5858648-5858680	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_39305	IDKELLDQAGPNLK	AGAP013478-PA,AGAP013478-PB	-	101	4.51E-10	1	1553.852	-1.01	Midgut	2R:+:5857826-5857867;2R:+:5857826-5857867	exon=> In CDS Exon 2 of transcript AGAP013478-PA;exon=> In CDS Exon 2 of transcript AGAP013478-PB
JHU_Ag_63615	IGLDLLR	AGAP013478-PA,AGAP013478-PB	-	34	0.002736789	2	799.505	1.59	Midgut	2R:+:5857628-5857648;2R:+:5857628-5857648	exon=> In CDS Exon 1 of transcript AGAP013478-PA;exon=> In CDS Exon 1 of transcript AGAP013478-PB

JHU_Ag_66707	MKPSAILINTSR	AGAP013478-PA,AGAP013478-PB	M1(Oxidation)	42	0.000715169	2	1346.747	0.56	Malpighian tubule	2R:+:5858426-5858461;2R:+:5858426-5858461	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_68578	EECDISLWDEGYPVPR	AGAP013478-PA,AGAP013478-PB	C3(Carbamidomethyl)	70	9.47E-07	1	1964.870	0.19	Midgut	2R:+:5857649-5857653,5857723-5857765;2R:+:5857649-5857653,5857723-5857765	exon=> In CDS Exon 1 and 2 of transcript AGAP013478-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013478-PB
JHU_Ag_70385	ITACNILAGLK	AGAP013478-PA,AGAP013478-PB	C4(Carbamidomethyl)	64	3.48E-06	2	1173.667	0.52	Midgut	2R:+:5858648-5858680;2R:+:5858648-5858680	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_71761	NSVVGIFGFGR	AGAP013478-PA,AGAP013478-PB	-	75	3.42E-07	2	1152.616	-0.27	Midgut	2R:+:5858183-5858215;2R:+:5858183-5858215	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_73407	IDKELLDQAGPNLK	AGAP013478-PA,AGAP013478-PB	-	33	0.003568979	1	1553.854	0.51	Ovary	2R:+:5857826-5857867;2R:+:5857826-5857867	exon=> In CDS Exon 2 of transcript AGAP013478-PA;exon=> In CDS Exon 2 of transcript AGAP013478-PB
JHU_Ag_79094	ITACNILAGLK	AGAP013478-PA,AGAP013478-PB	C4(Carbamidomethyl)	65	2.80E-06	1	1173.668	1.35	Visceras	2R:+:5858648-5858680;2R:+:5858648-5858680	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_79463	IGLDLLR	AGAP013478-PA,AGAP013478-PB	-	36	0.001747053	2	799.504	-0.02	Head	2R:+:5857628-5857648;2R:+:5857628-5857648	exon=> In CDS Exon 1 of transcript AGAP013478-PA;exon=> In CDS Exon 1 of transcript AGAP013478-PB
JHU_Ag_79481	IGLDLLR	AGAP013478-PA,AGAP013478-PB	-	43	0.000350999	2	799.503	-0.93	Ovary	2R:+:5857628-5857648;2R:+:5857628-5857648	exon=> In CDS Exon 1 of transcript AGAP013478-PA;exon=> In CDS Exon 1 of transcript AGAP013478-PB
JHU_Ag_87552	NSVVGIFGFGR	AGAP013478-PA,AGAP013478-PB	-	69	1.21E-06	2	1152.620	3.65	Malpighian tubule	2R:+:5858183-5858215;2R:+:5858183-5858215	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_105755	LAPFKPSR	AGAP013478-PA,AGAP013478-PB	-	49	0.000121474	1	915.542	1.08	Midgut	2R:+:5858240-5858263;2R:+:5858240-5858263	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_110597	IQAAGLDVTTPEPLPLDSPLLTLPNVVVLPHIGSADIETR	AGAP013478-PA,AGAP013478-PB	-	47	2.91E-05	1	4172.260	-6.06	Midgut	2R:+:5858513-5858632;2R:+:5858513-5858632	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_115475	MKPSAILINTSR	AGAP013478-PA,AGAP013478-PB	M1(Oxidation)	55	2.73E-05	2	1330.751	-0.32	Midgut	2R:+:5858426-5858461;2R:+:5858426-5858461	exon=> In CDS Exon 3 of transcript AGAP013478-PA;exon=> In CDS Exon 3 of transcript AGAP013478-PB
JHU_Ag_10154	YAGPTPSPQSHEYTYVQAGPGR	AGAP013480-PA	-	99	1.91E-09	1	2363.112	2.93	Head	2R:+:53203277-53203342	exon=> In CDS Exon 4 of transcript AGAP013480-PA
JHU_Ag_52241	ISPAHLQVGPQK	AGAP013480-PA	-	76	1.57E-07	1	1274.723	0.86	Head	2R:+:53203436-53203471	exon=> In CDS Exon 4 of transcript AGAP013480-PA
JHU_Ag_69640	YRPAIQLLETAEDQPGAYGQADGEQYR	AGAP013480-PA	-	110	1.52E-10	1	3039.442	-0.91	Head	2R:+:53203013-53203093	exon=> In CDS Exon 4 of transcript AGAP013480-PA
JHU_Ag_86203	SSIFVSQSTGVNQATAAATPAPSAHPHK	AGAP013480-PA	-	126	3.00E-12	1	2762.393	2.49	Head	2R:+:53203949-53204032	exon=> In CDS Exon 4 of transcript AGAP013480-PA
JHU_Ag_89813	NVQIYYQQAQQQQQAAIEQHSPQHPMK	AGAP013480-PA	N1(Deamidated), Q3(Deamidated), M26(Oxidation),M26(Oxidation)	112	9.13E-11	1	3237.552	0.81	Head	2R:+:53203712-53203792	exon=> In CDS Exon 4 of transcript AGAP013480-PA
JHU_Ag_93198	LVESNRPLAYHAVPHHPGR	AGAP013480-PA	-	65	2.80E-06	1	2150.142	2.7	Head	2R:+:53203184-53203240	exon=> In CDS Exon 4 of transcript AGAP013480-PA
JHU_Ag_14551	TLMLLQSRNR	AGAP013481-PA	M3(Oxidation)	35	0.002542654	1	1247.702	10.54	Ovary	2R:+:20943613-20943642	exon=> In CDS Exon 8 of transcript AGAP013481-PA

JHU_Ag_38324	KLLISTLIR	AGAP013481-PA	-	41	5.90E-06	1	1056.715	0.97	Visceras	2R:+:20943574-20943600	exon=> In CDS Exon 8 of transcript AGAP013481-PA
JHU_Ag_45545	LLISTLIR	AGAP013481-PA	-	61	4.64E-07	2	928.619	-0.28	Pupa	2R:+:20943577-20943600	exon=> In CDS Exon 8 of transcript AGAP013481-PA
JHU_Ag_63409	LLISTLIR	AGAP013481-PA	-	46	1.95E-05	2	928.615	-4.22	Visceras	2R:+:20943577-20943600	exon=> In CDS Exon 8 of transcript AGAP013481-PA
JHU_Ag_64505	TLMLLQSR	AGAP013481-PA	-	36	0.002101274	1	961.549	-1.05	Visceras	2R:+:20943613-20943636	exon=> In CDS Exon 8 of transcript AGAP013481-PA
JHU_Ag_80251	ADVEEVIASYR	AGAP013481-PA	-	80	1.54E-07	2	1251.621	-0.67	Visceras	2R:+:20941115-20941130,20943554-20943570	exon=> In CDS Exon 7 and 8 of transcript AGAP013481-PA
JHU_Ag_141	TVTESANSSNPYSRPSTSTSSYSSTTER	AGAP013481-PB	-	127	1.67E-12	1	2984.333	-0.72	Male reproductive organs	2R:+:20934743-20934826	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_3211	TSTTGGGPGGYSYSSTTSGR	AGAP013481-PB	-	147	1.48E-14	1	1880.825	-0.14	Head	2R:+:20934872-20934931	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_4439	YTTVETSTPR	AGAP013481-PB	-	58	2.20E-05	1	1154.570	1.23	Malpighian tubule	2R:+:20934677-20934706	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_7532	YTTVETSTPR	AGAP013481-PB	-	64	4.86E-06	2	1154.570	1.33	Visceras	2R:+:20934677-20934706	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_13154	VGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	121	9.87E-12	1	2073.062	0.43	Male reproductive organs	2R:+:20929779-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB
JHU_Ag_19995	VGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	130	1.17E-12	1	2073.064	1.57	Head	2R:+:20929779-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB
JHU_Ag_23058	TVTESANSSNPYSRPSTSTSSYSSTTERNSR	AGAP013481-PB	-	76	2.22E-07	1	3341.522	3.23	Malpighian tubule	2R:+:20934743-20934835	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_24826	YTTVETSTPR	AGAP013481-PB	-	72	7.40E-07	2	1154.569	-0.25	Male reproductive organs	2R:+:20934677-20934706	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_29781	VGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	126	2.86E-12	1	2073.067	2.81	Visceras	2R:+:20929779-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB
JHU_Ag_32406	TVTESANSSNPYSRPSTSTSSYSSTTER	AGAP013481-PB	-	106	2.36E-10	1	2984.342	2.11	Malpighian tubule	2R:+:20934743-20934826	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_33789	LPHGTTYR	AGAP013481-PB	-	33	0.004700738	1	944.490	-5.61	Head	2R:+:20934932-20934955	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_33889	GGPGGYSYSTER	AGAP013481-PB	-	64	2.25E-06	1	1230.540	1.31	Malpighian tubule	2R:+:20934836-20934871	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_34395	RVGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	74	5.19E-07	1	2229.162	-0.01	Male reproductive organs	2R:+:20929776-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB
JHU_Ag_34965	RDESYTYSK	AGAP013481-PB	-	52	6.90E-05	2	1148.523	0.56	Malpighian tubule	2R:+:20934707-20934733	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_40980	TSTTGGGPGGYSYSSTTSGRLPHGTTYR	AGAP013481-PB	-	117	2.85E-11	1	2806.308	1.7	Malpighian tubule	2R:+:20934872-20934955	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_42809	GGPGGYSYSTER	AGAP013481-PB	-	85	1.75E-08	1	1230.539	-0.07	Male reproductive organs	2R:+:20934836-20934871	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_47856	YTTVETSTPR	AGAP013481-PB	-	72	9.73E-07	2	1154.568	-1.1	Head	2R:+:20934677-20934706	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_51987	VGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	107	2.33E-10	1	2073.068	3.25	Malpighian tubule	2R:+:20929779-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB
JHU_Ag_55296	RVGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	53	5.24E-05	1	2229.167	2.07	Malpighian tubule	2R:+:20929776-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB

JHU_Ag_60704	TVTESANSSNPYSRPSTSTSSYSSTTER	AGAP013481-PB	-	151	7.75E-15	1	2984.330	-1.88	Head	2R:+:20934743-20934826	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_62410	RDESYTYSK	AGAP013481-PB	-	49	0.000119951	2	1148.523	0.78	Male reproductive organs	2R:+:20934707-20934733	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_63273	RVGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	46	0.000278237	1	2229.168	2.76	Visceras	2R:+:20929776-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB
JHU_Ag_67754	TSTTGGGPGGYSYSSTTSGR	AGAP013481-PB	-	124	3.69E-12	1	1880.827	0.51	Visceras	2R:+:20934872-20934931	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_82686	GGPGGYSYSTER	AGAP013481-PB	-	95	1.87E-09	1	1230.538	-0.77	Head	2R:+:20934836-20934871	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_86571	RDESYTYSK	AGAP013481-PB	-	53	4.11E-05	2	1148.515	-5.81	Head	2R:+:20934707-20934733	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_87196	GGPGGYSYSTER	AGAP013481-PB	-	59	7.89E-06	1	1230.542	2.41	Visceras	2R:+:20934836-20934871	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_88399	TSTTGGGPGGYSYSSTTSGR	AGAP013481-PB	-	136	2.25E-13	1	1880.824	-0.91	Male reproductive organs	2R:+:20934872-20934931	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_101381	RVGSSYTRPTISSYTVTTPR	AGAP013481-PB	-	66	3.23E-06	1	2229.157	-2.33	Head	2R:+:20929776-20929826,20934668-20934676	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PB
JHU_Ag_102395	RDESYTYSK	AGAP013481-PB	-	48	0.000166904	1	1148.524	1.52	Visceras	2R:+:20934707-20934733	exon=> In CDS Exon 2 of transcript AGAP013481-PB
JHU_Ag_4643	VYESDFYSTR	AGAP013481-PC,AGAP013481-PB,AGAP013481-PF,AGAP013481-PD,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	86	2.66E-08	1	1266.567	2.73	Visceras	2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775	exon=> In CDS Exon 1 of transcript AGAP013481-PC;exon=> In CDS Exon 1 of transcript AGAP013481-PB;exon=> In CDS Exon 1 of transcript AGAP013481-PF;exon=> In CDS Exon 1 of transcript AGAP013481-PD;exon=> In CDS Exon 1 of transcript AGAP013481-PG;exon=> In CDS Exon 1 of transcript AGAP013481-PA;exon=> In CDS Exon 1 of transcript AGAP013481-PE
JHU_Ag_20410	VYESDFYSTR	AGAP013481-PC,AGAP013481-PB,AGAP013481-PF,AGAP013481-PD,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	76	2.31E-07	1	1266.568	3.5	Malpighian tubule	2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775	exon=> In CDS Exon 1 of transcript AGAP013481-PC;exon=> In CDS Exon 1 of transcript AGAP013481-PB;exon=> In CDS Exon 1 of transcript AGAP013481-PF;exon=> In CDS Exon 1 of transcript AGAP013481-PD;exon=> In CDS Exon 1 of transcript AGAP013481-PG;exon=> In CDS Exon 1 of transcript AGAP013481-PA;exon=> In CDS Exon 1 of transcript AGAP013481-PE

JHU_Ag_20519	VYESDFYSTRR	AGAP013481-PC,AGAP013481-PB,AGAP013481-PF,AGAP013481-PD,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	35	0.004558186	1	1422.665	0.25	Visceras	2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;

JHU_Ag_73944	VYESDFYSTRR	AGAP013481-PC,AGAP013481-PB,AGAP013481-PF,AGAP013481-PD,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	46	0.000347966	1	1422.666	0.51	Male reproductive organs	2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778	exon=> In CDS Exon 1 of transcript AGAP013481-PC;exon=> In CDS Exon 1 of transcript AGAP013481-PB;exon=> In CDS Exon 1 of transcript AGAP013481-PF;exon=> In CDS Exon 1 of transcript AGAP013481-PD;exon=> In CDS Exon 1 of transcript AGAP013481-PG;exon=> In CDS Exon 1 of transcript AGAP013481-PA;exon=> In CDS Exon 1 of transcript AGAP013481-PE
JHU_Ag_87225	VYESDFYSTR	AGAP013481-PC,AGAP013481-PB,AGAP013481-PF,AGAP013481-PD,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	86	2.51E-08	1	1266.565	1.19	Head	2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775;2R:+:20929746-20929775	exon=> In CDS Exon 1 of transcript AGAP013481-PC;exon=> In CDS Exon 1 of transcript AGAP013481-PB;exon=> In CDS Exon 1 of transcript AGAP013481-PF;exon=> In CDS Exon 1 of transcript AGAP013481-PD;exon=> In CDS Exon 1 of transcript AGAP013481-PG;exon=> In CDS Exon 1 of transcript AGAP013481-PA;exon=> In CDS Exon 1 of transcript AGAP013481-PE
JHU_Ag_107472	VYESDFYSTRR	AGAP013481-PC,AGAP013481-PB,AGAP013481-PF,AGAP013481-PD,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	46	0.000432414	1	1422.669	3.17	Malpighian tubule	2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778;2R:+:20929746-20929778	exon=> In CDS Exon 1 of transcript AGAP013481-PC;exon=> In CDS Exon 1 of transcript AGAP013481-PB;exon=> In CDS Exon 1 of transcript AGAP013481-PF;exon=> In CDS Exon 1 of transcript AGAP013481-PD;exon=> In CDS Exon 1 of transcript AGAP013481-PG;exon=> In CDS Exon 1 of transcript AGAP013481-PA;exon=> In CDS Exon 1 of transcript AGAP013481-PE
JHU_Ag_303	ADVEEVNTK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG	-	52	0.000112568	1	1004.490	-0.03	Visceras	2R:+:20941115-20941130,20942598-20942608;2R:+:20941115-20941130,20942598-20942608;2R:+:20941115-20941130,20942598-20942608	exon=> In CDS Exon 5 and 6 of transcript AGAP013481-PC;exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PF;exon=> In CDS Exon 7 and 8 of transcript AGAP013481-PG
JHU_Ag_25411	YYLNHAYK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG	-	36	0.002730565	1	1071.526	-0.11	Visceras	2R:+:20942630-20942653;2R:+:20942630-20942653;2R:+:20942630-20942653	exon=> In CDS Exon 6 of transcript AGAP013481-PC;exon=> In CDS Exon 7 of transcript AGAP013481-PF;exon=> In CDS Exon 8 of transcript AGAP013481-PG

JHU_Ag_54868	VPDEFKEFLHEYP	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG	-	54	6.04E-05	1	1649.787	1.29	Visceras	2R:+:20942654-20942692;2R:+:20942654-20942692;2R:+:20942654-20942692	exon=> In CDS Exon 6 of transcript AGAP013481-PC;exon=> In CDS Exon 7 of transcript AGAP013481-PF;exon=> In CDS Exon 8 of transcript AGAP013481-PG
JHU_Ag_748	VGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	138	1.51E-13	1	2186.158	5.7	Head	2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE
JHU_Ag_12928	LMAPIAQAAPEPNPK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M2(Oxidation)	73	6.97E-07	1	1563.823	2	Ovary	2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PF;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PG;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PE
JHU_Ag_13579	DVNVMSYYK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M5(Oxidation)	41	0.000915339	1	1118.521	1.62	Visceras	2R:+:20941067-20941093;2R:+:20941067-20941093;2R:+:20941067-20941093;2R:+:20941067-20941093	exon=> In CDS Exon 5 of transcript AGAP013481-PC;exon=> In CDS Exon 6 of transcript AGAP013481-PF;exon=> In CDS Exon 7 of transcript AGAP013481-PG;exon=> In CDS Exon 7 of transcript AGAP013481-PA;exon=> In CDS Exon 6 of transcript AGAP013481-PE

JHU_Ag_15014	LMAPIAQAAPEPNPK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M2(Oxidation),"M2(Oxidation), Q7(Deamidated)"	113	5.81E-11	1	1563.825	3.17	Head	2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PF;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PG;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PE
JHU_Ag_22708	RVGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	79	8.30E-08	1	2342.247	0.22	Male reproductive organs	2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE
JHU_Ag_30317	IIGSQAYPK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	32	0.004975238	2	976.550	4.14	Head	2R:+:20940995-20941021;2R:+:20940995-20941021;2R:+:20940995-20941021;2R:+:20940995-20941021;2R:+:20940995-20941021	exon=> In CDS Exon 5 of transcript AGAP013481-PC;exon=> In CDS Exon 6 of transcript AGAP013481-PF;exon=> In CDS Exon 7 of transcript AGAP013481-PG;exon=> In CDS Exon 7 of transcript AGAP013481-PA;exon=> In CDS Exon 6 of transcript AGAP013481-PE

JHU_Ag_33227	VGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	94	4.11E-09	1	2186.148	1.43	Ovary	2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE
JHU_Ag_36437	KWVYDPFSTHNR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	95	5.32E-09	1	1549.754	-0.6	Visceras	2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_38541	IYNYDTAK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	37	0.001688571	2	987.479	1.05	Visceras	2R:+:20941034-20941057;2R:+:20941034-20941057;2R:+:20941034-20941057;2R:+:20941034-20941057	exon=> In CDS Exon 5 of transcript AGAP013481-PC;exon=> In CDS Exon 6 of transcript AGAP013481-PF;exon=> In CDS Exon 7 of transcript AGAP013481-PG;exon=> In CDS Exon 7 of transcript AGAP013481-PA;exon=> In CDS Exon 6 of transcript AGAP013481-PE
JHU_Ag_38926	VGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	135	3.38E-13	1	2186.146	0.42	Male reproductive organs	2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE

JHU_Ag_42261	SHITDPIR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	42	0.000594215	1	938.507	1.41	Visceras	2R:+:20939110-20939133;2R:+:20939110-20939133;2R:+:20939110-20939133;2R:+:20939110-20939133	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_44050	LMAPIAQAAPEPNPKK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M2(Oxidation)	78	1.39E-07	1	1691.916	0.34	Male reproductive organs	2R:+:20938923-20938960,20939043-20939052;2R:+:20938923-20938960,20939043-20939052;2R:+:20938923-20938960,20939043-20939052;2R:+:20938923-20938960,20939043-20939052	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PF;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PG;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PE
JHU_Ag_44396	SVRNDIEAMAR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M9(Oxidation)	73	1.02E-06	1	1261.636	3.53	Malpighian tubule	2R:+:20939134-20939166;2R:+:20939134-20939166;2R:+:20939134-20939166;2R:+:20939134-20939166	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_45793	WVYDPFSTHNR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	45	0.000372547	2	1421.659	-0.68	Head	2R:+:20939053-20939085;2R:+:20939053-20939085;2R:+:20939053-20939085;2R:+:20939053-20939085	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE

JHU_Ag_49672	VGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	124	4.09E-12	1	2186.151	2.52	Malpighian tubule	2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE
JHU_Ag_62773	IYNYDTAK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	39	0.000978406	1	987.484	5.57	Head	2R:+:20941034-20941057;2R:+:20941034-20941057;2R:+:20941034-20941057;2R:+:20941034-20941057;2R:+:20941034-20941057	exon=> In CDS Exon 5 of transcript AGAP013481-PC;exon=> In CDS Exon 6 of transcript AGAP013481-PF;exon=> In CDS Exon 7 of transcript AGAP013481-PG;exon=> In CDS Exon 7 of transcript AGAP013481-PA;exon=> In CDS Exon 6 of transcript AGAP013481-PE
JHU_Ag_64683	KWVYDPFSTHNR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	83	8.11E-08	1	1549.753	-1.07	Male reproductive organs	2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_65557	NSTALLLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	N1(Deamidated)	42	0.000819496	1	887.531	0.57	Visceras	2R:+:20938875-20938898;2R:+:20938875-20938898;2R:+:20938875-20938898;2R:+:20938875-20938898;2R:+:20938875-20938898	exon=> In CDS Exon 3 of transcript AGAP013481-PC;exon=> In CDS Exon 3 of transcript AGAP013481-PF;exon=> In CDS Exon 4 of transcript AGAP013481-PG;exon=> In CDS Exon 4 of transcript AGAP013481-PA;exon=> In CDS Exon 4 of transcript AGAP013481-PE

JHU_Ag_71009	LMAPIAQAAPEPNPK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M2(Oxidation)	106	3.15E-10	1	1563.822	1.07	Male reproductive organs	2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PF;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PG;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PE
JHU_Ag_76895	NSTALLLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	33	0.003737895	1	887.534	3.38	Head	2R:+:20938875-20938898;2R:+:20938875-20938898;2R:+:20938875-20938898;2R:+:20938875-20938898	exon=> In CDS Exon 3 of transcript AGAP013481-PC;exon=> In CDS Exon 3 of transcript AGAP013481-PF;exon=> In CDS Exon 4 of transcript AGAP013481-PG;exon=> In CDS Exon 4 of transcript AGAP013481-PA;exon=> In CDS Exon 4 of transcript AGAP013481-PE
JHU_Ag_80520	SHITDPIR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	47	0.000178027	1	938.506	0.56	Head	2R:+:20939110-20939133;2R:+:20939110-20939133;2R:+:20939110-20939133;2R:+:20939110-20939133	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_84832	QLNDPVPR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	52	3.86E-05	2	938.509	4	Head	2R:+:20938899-20938922;2R:+:20938899-20938922;2R:+:20938899-20938922;2R:+:20938899-20938922	exon=> In CDS Exon 3 of transcript AGAP013481-PC;exon=> In CDS Exon 3 of transcript AGAP013481-PF;exon=> In CDS Exon 4 of transcript AGAP013481-PG;exon=> In CDS Exon 4 of transcript AGAP013481-PA;exon=> In CDS Exon 4 of transcript AGAP013481-PE
JHU_Ag_86593	QLNDPVPR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	47	0.000153633	1	938.506	0.96	Visceras	2R:+:20938899-20938922;2R:+:20938899-20938922;2R:+:20938899-20938922;2R:+:20938899-20938922	exon=> In CDS Exon 3 of transcript AGAP013481-PC;exon=> In CDS Exon 3 of transcript AGAP013481-PF;exon=> In CDS Exon 4 of transcript AGAP013481-PG;exon=> In CDS Exon 4 of transcript AGAP013481-PA;exon=> In CDS Exon 4 of transcript AGAP013481-PE

JHU_Ag_89119	WVYDPFSTHNR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	65	3.99E-06	1	1421.663	1.98	Visceras	2R:+:20939053-20939085;2R:+:20939053-20939085;2R:+:20939053-20939085;2R:+:20939053-20939085	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_92835	SHITDPIR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	42	0.000552005	1	938.508	2.84	Malpighian tubule	2R:+:20939110-20939133;2R:+:20939110-20939133;2R:+:20939110-20939133;2R:+:20939110-20939133	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_101454	VGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	132	5.76E-13	1	2186.149	1.85	Visceras	2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503;2R:+:20929779-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE
JHU_Ag_101892	VGSSYTRPTISSYTVTTPLRYSGVPR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	95	2.53E-09	1	2845.492	2.63	Malpighian tubule	2R:+:20929779-20929826,20936492-20936521;2R:+:20929779-20929826,20936492-20936521;2R:+:20929779-20929826,20936492-20936521;2R:+:20929779-20929826,20936492-20936521	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE

JHU_Ag_102338	KWVYDPFSTHNR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	44	0.000674639	1	1549.763	5.19	Head	2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085;2R:+:20939050-20939085	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_102999	RVGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	34	0.002613613	1	2342.248	0.53	Visceras	2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE
JHU_Ag_104729	LNSDTYVK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	N2(Deamidated)	55	3.29E-05	1	939.478	-0.15	Head	2R:+:20939086-20939109;2R:+:20939086-20939109;2R:+:20939086-20939109;2R:+:20939086-20939109;2R:+:20939086-20939109	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_106497	LMAPIAQAAPEPNPK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M2(Oxidation)	109	1.87E-10	1	1563.819	-0.65	Visceras	2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PF;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PG;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PE

JHU_Ag_107653	RVGSSYTRPTISSYTVTTPLR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	42	0.000383597	1	2342.259	5.38	Malpighian tubule	2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503;2R:+:20929776-20929826,20936492-20936503	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PC;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PF;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PG;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PA;exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PE
JHU_Ag_109371	LMAPIAQAAPEPNPK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M2(Oxidation)	88	2.03E-08	1	1563.827	4.19	Malpighian tubule	2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049;2R:+:20938923-20938960,20939043-20939049	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PC;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PF;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PG;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PA;exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PE
JHU_Ag_110891	LNSDTYVK	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	54	4.02E-05	2	939.478	-0.08	Male reproductive organs	2R:+:20939086-20939109;2R:+:20939086-20939109;2R:+:20939086-20939109;2R:+:20939086-20939109	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE
JHU_Ag_112508	NDIEAMAR	AGAP013481-PC,AGAP013481-PF,AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	53	5.63E-05	2	919.430	0.04	Head	2R:+:20939143-20939166;2R:+:20939143-20939166;2R:+:20939143-20939166;2R:+:20939143-20939166	exon=> In CDS Exon 4 of transcript AGAP013481-PC;exon=> In CDS Exon 4 of transcript AGAP013481-PF;exon=> In CDS Exon 5 of transcript AGAP013481-PG;exon=> In CDS Exon 5 of transcript AGAP013481-PA;exon=> In CDS Exon 5 of transcript AGAP013481-PE

JHU_Ag_25789	ATGHTTDADNVDTLLR	AGAP013481-PD	-	117	2.75E-11	1	1699.829	2.65	Head	2R:+:20934051-20934098	exon=> In CDS Exon 2 of transcript AGAP013481-PD
JHU_Ag_31706	RVHGTAPVK	AGAP013481-PD	-	29	0.002006004	2	964.572	3.41	Head	2R:+:20934099-20934125	exon=> In CDS Exon 2 of transcript AGAP013481-PD
JHU_Ag_33451	ATGHTTDADNVDTLLR	AGAP013481-PD	-	86	3.60E-08	1	1699.829	2.72	Malpighian tubule	2R:+:20934051-20934098	exon=> In CDS Exon 2 of transcript AGAP013481-PD
JHU_Ag_67498	VGSSYTRPTISSYTVTR	AGAP013481-PD	-	93	7.21E-09	1	1874.960	-0.45	Head	2R:+:20929779-20929826,20933802-20933804	exon=> In CDS Exon 1 and 2 of transcript AGAP013481-PD
JHU_Ag_73100	HVMFFEPGYAR	AGAP013481-PD	M3(Oxidation)	52	8.40E-05	1	1369.637	0.95	Head	2R:+:20934138-20934170	exon=> In CDS Exon 2 of transcript AGAP013481-PD
JHU_Ag_74922	VPFVPRPSLIPDPVTAYGK	AGAP013481-PD	-	66	7.38E-07	1	2053.149	0.27	Head	2R:+:20933826-20933882	exon=> In CDS Exon 2 of transcript AGAP013481-PD
JHU_Ag_80143	GVDWDKVPFVPRPSLIPDPVTAYGK	AGAP013481-PD	-	101	4.70E-10	1	2753.474	2.65	Head	2R:+:20933808-20933882	exon=> In CDS Exon 2 of transcript AGAP013481-PD
JHU_Ag_111852	ILARPIDQYR	AGAP013481-PD	-	48	0.000132288	1	1244.710	-0.82	Head	2R:+:20933958-20933987	exon=> In CDS Exon 2 of transcript AGAP013481-PD
JHU_Ag_19086	ADVEEVKETETK	AGAP013481-PE	-	83	1.03E-07	1	1377.681	4.54	Head	2R:+:20941115-20941130,20945288-20945307	exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PE
JHU_Ag_91635	ADVEEVKETETK	AGAP013481-PE	-	75	4.85E-07	1	1377.673	-1.04	Visceras	2R:+:20941115-20941130,20945288-20945307	exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PE
JHU_Ag_38503	YVEYVLLDDILWR	AGAP013481-PF,AGAP013481-PG,AGAP013481-PA	-	56	2.49E-05	3	1696.899	2.71	Visceras	2R:+:20939188-20939194,20939969-20940000;2R:+:20939188-20939194,20939969-20940000;2R:+:20939188-20939194,20939969-20940000	exon=> In CDS Exon 4 and 5 of transcript AGAP013481-PF;exon=> In CDS Exon 5 and 6 of transcript AGAP013481-PG;exon=> In CDS Exon 5 and 6 of transcript AGAP013481-PA
JHU_Ag_66922	YTYYVDEEGKNHLASTR	AGAP013481-PF,AGAP013481-PG,AGAP013481-PA	-	132	8.38E-13	1	2045.954	-0.96	Visceras	2R:+:20940001-20940025,20940969-20940994;2R:+:20940001-20940025,20940969-20940994;2R:+:20940001-20940025,20940969-20940994	exon=> In CDS Exon 5 and 6 of transcript AGAP013481-PF;exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PG;exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PA
JHU_Ag_85762	YTYYVDEEGK	AGAP013481-PF,AGAP013481-PG,AGAP013481-PA	-	54	3.56E-05	1	1266.553	0.77	Visceras	2R:+:20940001-20940025,20940969-20940973;2R:+:20940001-20940025,20940969-20940973;2R:+:20940001-20940025,20940969-20940973	exon=> In CDS Exon 5 and 6 of transcript AGAP013481-PF;exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PG;exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PA

JHU_Ag_93090	YTYYVDEEGKNHLASTR	AGAP013481-PF,AGAP013481-PG,AGAP013481-PA	-	46	0.000360194	1	2045.961	2.44	Malpighian tubule	2R:+:20940001-20940025,20940969-20940994;2R:+:20940001-20940025,20940969-20940994;2R:+:20940001-20940025,20940969-20940994	exon=> In CDS Exon 5 and 6 of transcript AGAP013481-PF;exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PG;exon=> In CDS Exon 6 and 7 of transcript AGAP013481-PA
JHU_Ag_9005	FNTITTTTTTYR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	77	3.36E-07	2	1419.718	4.31	Malpighian tubule	2R:+:20937588-20937623;2R:+:20937588-20937623;2R:+:20937588-20937623	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_10715	VLGSPVR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	45	0.000133187	1	727.445	-1.75	Visceras	2R:+:20937714-20937734;2R:+:20937714-20937734;2R:+:20937714-20937734	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_14248	TPMPYVAHKR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M3(Oxidation)	68	1.66E-06	1	1199.638	2.04	Malpighian tubule	2R:+:20937624-20937653;2R:+:20937624-20937653;2R:+:20937624-20937653	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_16333	IVVSPMR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M6(Oxidation)	38	0.002705127	1	817.460	-0.39	Head	2R:+:20937693-20937713;2R:+:20937693-20937713;2R:+:20937693-20937713	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_17747	VLGSPMR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	44	0.000893524	2	759.418	-0.83	Visceras	2R:+:20937756-20937776;2R:+:20937756-20937776;2R:+:20937756-20937776	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_18251	SPYLRPSIINK	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	67	1.01E-06	1	1287.744	1.23	Head	2R:+:20937843-20937875;2R:+:20937843-20937875;2R:+:20937843-20937875	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_25179	ASPVSSALEQYYNSPSYLEFEDAK	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	164	5.33E-16	1	2695.257	5.98	Head	2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PE

JHU_Ag_27456	ASPVSSALEQYYNSPSYLEFEDAKSDIR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	132	8.43E-13	1	3166.488	0.84	Male reproductive organs	2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PE
JHU_Ag_30535	ASPVSSALEQYYNSPSYLEFEDAKSDIR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	90	1.13E-08	1	3166.499	4.31	Head	2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PE
JHU_Ag_33539	VLGSPVR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	40	0.000391924	1	727.448	2.53	Malpighian tubule	2R:+:20937714-20937734;2R:+:20937714-20937734;2R:+:20937714-20937734	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_39324	FNTITTTTTTYR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	77	4.04E-07	2	1419.716	3.02	Male reproductive organs	2R:+:20937588-20937623;2R:+:20937588-20937623;2R:+:20937588-20937623	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_45833	VIVSPAR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	31	0.003872606	1	741.464	2.37	Malpighian tubule	2R:+:20937807-20937827;2R:+:20937807-20937827;2R:+:20937807-20937827	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_57113	FNTITTTTTTYR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	77	4.06E-07	1	1419.713	1.3	Ovary	2R:+:20937588-20937623;2R:+:20937588-20937623;2R:+:20937588-20937623	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_61653	VIVSPAR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	40	0.000454246	2	741.461	-1.09	Head	2R:+:20937807-20937827;2R:+:20937807-20937827;2R:+:20937807-20937827	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_61766	VISSPVR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	51	0.000110007	2	757.457	0.58	Visceras	2R:+:20937735-20937755;2R:+:20937735-20937755;2R:+:20937735-20937755	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE

JHU_Ag_65633	FNTITTTTTTYR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	82	1.05E-07	2	1419.716	3.45	Visceras	2R:+:20937588-20937623;2R:+:20937588-20937623;2R:+:20937588-20937623	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_69406	VVTSPPR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	44	0.000225201	2	755.444	3.52	Male reproductive organs	2R:+:20937672-20937692;2R:+:20937672-20937692;2R:+:20937672-20937692	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_71427	VLGSPVR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	45	0.00010135	1	727.446	-0.15	Male reproductive organs	2R:+:20937714-20937734;2R:+:20937714-20937734;2R:+:20937714-20937734	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_72629	SPYLRPSIINK	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	53	2.61E-05	1	1287.743	1.04	Visceras	2R:+:20937843-20937875;2R:+:20937843-20937875;2R:+:20937843-20937875	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_73822	TPMPYVAHK	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M3(Oxidation)	52	7.08E-05	1	1043.535	0.51	Head	2R:+:20937624-20937650;2R:+:20937624-20937650;2R:+:20937624-20937650	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_76236	ASPVSSALEQYYNSPSYLEFEDAKSDIR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	144	4.74E-14	1	3166.488	0.84	Visceras	2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PE
JHU_Ag_76829	VLGSPMR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M6(Oxidation)	44	0.000890561	1	775.412	-1.89	Head	2R:+:20937756-20937776;2R:+:20937756-20937776;2R:+:20937756-20937776	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_76838	SPYLRPSIINKEFDR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	57	1.48E-05	1	1834.984	1.75	Male reproductive organs	2R:+:20937843-20937887;2R:+:20937843-20937887;2R:+:20937843-20937887	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_81546	SPYLRPSIINK	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	71	4.37E-07	1	1287.742	0.19	Male reproductive organs	2R:+:20937843-20937875;2R:+:20937843-20937875;2R:+:20937843-20937875	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE

JHU_Ag_81621	ASPVSSALEQYYNSPSYLEFEDAK	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	117	2.44E-11	1	2695.249	3.13	Visceras	2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PE
JHU_Ag_82692	VLGSPVR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	46	7.21E-05	2	727.446	0.18	Head	2R:+:20937714-20937734;2R:+:20937714-20937734;2R:+:20937714-20937734	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_83154	ASPVSSALEQYYNSPSYLEFEDAK	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	169	1.81E-16	1	2695.249	3.06	Male reproductive organs	2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862;2R:+:20937906-20937959,20938845-20938862	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PE
JHU_Ag_84129	RLVPVTR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	33	0.000845925	2	840.541	-0.23	Head	2R:+:20937651-20937671;2R:+:20937651-20937671;2R:+:20937651-20937671	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_86849	FNTITTTTTTYR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	63	9.04E-06	2	1419.714	1.56	Salivary gland	2R:+:20937588-20937623;2R:+:20937588-20937623;2R:+:20937588-20937623	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_89824	VVTSPPR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	37	0.000938794	2	755.443	2.39	Malpighian tubule	2R:+:20937672-20937692;2R:+:20937672-20937692;2R:+:20937672-20937692	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_100274	ASPVSSALEQYYNSPSYLEFEDAKSDIR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	97	2.60E-09	1	3166.507	6.97	Malpighian tubule	2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874;2R:+:20937906-20937959,20938845-20938874	exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PG;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PA;exon=> In CDS Exon 3 and 4 of transcript AGAP013481-PE

JHU_Ag_110642	VISSPVR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	45	0.000394581	2	757.459	2.92	Head	2R:+:20937735-20937755;2R:+:20937735-20937755;2R:+:20937735-20937755	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_116095	FNTITTTTTTYR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	82	1.13E-07	2	1419.713	1.38	Head	2R:+:20937588-20937623;2R:+:20937588-20937623;2R:+:20937588-20937623	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_117638	TPMPYVAHKR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	M3(Oxidation)	57	2.81E-05	1	1215.629	-0.92	Male reproductive organs	2R:+:20937624-20937653;2R:+:20937624-20937653;2R:+:20937624-20937653	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_117679	SPYLRPSIINKEFDR	AGAP013481-PG,AGAP013481-PA,AGAP013481-PE	-	55	2.40E-05	1	1834.990	5.04	Malpighian tubule	2R:+:20937843-20937887;2R:+:20937843-20937887;2R:+:20937843-20937887	exon=> In CDS Exon 3 of transcript AGAP013481-PG;exon=> In CDS Exon 3 of transcript AGAP013481-PA;exon=> In CDS Exon 3 of transcript AGAP013481-PE
JHU_Ag_6291	NGILLK	AGAP013487-PA	N1(Deamidated)	34	0.002053023	1	658.413	-1.37	Ovary	2R:-:34467474-34467457	exon=> In CDS Exon 3 of transcript AGAP013487-PA
JHU_Ag_6534	NGILLK	AGAP013487-PA	N1(Deamidated)	31	0.004143752	1	658.413	-0.16	Midgut	2R:-:34467474-34467457	exon=> In CDS Exon 3 of transcript AGAP013487-PA
JHU_Ag_41257	DTCSGNSGGPLMR	AGAP013487-PA	C3(Carbamidomethyl), N6(Deamidated), M12(Oxidation),"C3(Carbamidomethyl), N6(Deamidated)"	82	2.26E-08	2	1352.558	0.76	Head	2R:-:34467420-34467382	exon=> In CDS Exon 3 of transcript AGAP013487-PA
JHU_Ag_41747	NGILLK	AGAP013487-PA	N1(Deamidated)	31	0.003541706	1	658.414	0.76	Larva	2R:-:34467474-34467457	exon=> In CDS Exon 3 of transcript AGAP013487-PA
JHU_Ag_7354	ELYLGSLISTEQYK	AGAP013488-PA	-	109	1.70E-10	2	1643.851	-1.05	Ovary	2L:-:33929136-33929095	exon=> In CDS Exon 1 of transcript AGAP013488-PA
JHU_Ag_46087	NLHNLYTDAVCNPFYTPGDPLTSASFDR	AGAP013488-PA	C11(Carbamidomethyl)	67	2.47E-06	1	3185.471	2.32	Head	2L:-:33928992-33928909	exon=> In CDS Exon 1 of transcript AGAP013488-PA
JHU_Ag_6903	LADDIEMNGVTIPAGTDFTIPIYVIHR	AGAP013490-PA	M7(Oxidation), N8(Deamidated),M7(Oxidation)	93	4.53E-09	1	2987.527	2.87	Midgut	X:+:1460532-1460612	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_8397	ETFLDLLLNVR	AGAP013490-PA	-	94	2.87E-09	2	1332.752	0.09	Midgut	X:+:1460214-1460246	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_10457	HPENQYVR	AGAP013490-PA	-	41	0.000676205	1	1042.506	-0.79	Midgut	X:+:1459950-1459973	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_23874	VDGNSLSDLDIR	AGAP013490-PA	-	65	6.14E-06	2	1303.649	0.06	Midgut	X:+:1460247-1460282	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_53147	RGPYDYIPFSIGSR	AGAP013490-PA	-	51	0.000118396	1	1627.826	1.74	Midgut	X:+:1460682-1460723	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_54456	LHAFTDTVIHK	AGAP013490-PA	-	55	3.12E-05	1	1281.693	-1.37	Midgut	X:+:1460094-1460126	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_59035	IFHVLSSFPR	AGAP013490-PA	-	56	3.48E-05	1	1202.668	-0.46	Midgut	X:+:1460010-1460039	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_62759	MSELILLR	AGAP013490-PA	M1(Oxidation)	53	3.74E-05	2	974.572	1.18	Midgut	X:+:1459986-1460009	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_67213	FSDGNTQR	AGAP013490-PA	-	39	0.001183917	2	924.416	-0.97	Midgut	X:+:1460658-1460681	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_69075	TYWYTMPNAWEQR	AGAP013490-PA	M6(Oxidation)	90	6.89E-09	2	1761.768	-0.44	Midgut	X:+:1460040-1460078	exon=> In CDS Exon 1 of transcript AGAP013490-PA

JHU_Ag_70748	NPVVYPDPERFDPER	AGAP013490-PA	-	53	8.91E-05	1	1829.880	-1.15	Midgut	X:+:1460613-1460657	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_104219	RETFLDLLLNVR	AGAP013490-PA	-	78	5.48E-08	2	1488.858	3.25	Midgut	X:+:1460211-1460246	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_114403	LADDIEMNGVTIPAGTDFTIPIYVIHR	AGAP013490-PA	-	36	0.001940303	3	2971.536	4.22	Visceras	X:+:1460532-1460612	exon=> In CDS Exon 1 of transcript AGAP013490-PA
JHU_Ag_87564	ITLELASK	AGAP013495-PA	-	31	0.004326725	1	874.519	-6.55	Larva	X:-:17564840-17564817	exon=> In CDS Exon 1 of transcript AGAP013495-PA
JHU_Ag_66340	AAATTATSEREEEVDPYTIPLHSR	AGAP013497-PA	-	85	4.27E-08	1	2644.283	-0.77	Midgut	X:+:8802164-8802235	exon=> In CDS Exon 1 of transcript AGAP013497-PA
JHU_Ag_156	IPLLIGVTKDETANAIDVK	AGAP013509-PA	-	27	0.003848332	1	2010.148	0.02	Pupa	2R:+:30341175-30341226,30341293-30341297	exon=> In CDS Exon 1 and 2 of transcript AGAP013509-PA
JHU_Ag_42018	GLLGLLTDKPEVSLQAGDFPK	AGAP013509-PA	-	65	1.36E-06	1	2198.214	3.47	Pupa	2R:+:30341112-30341174	exon=> In CDS Exon 1 of transcript AGAP013509-PA
JHU_Ag_54682	GLLGLLTDKPEVSLQAGDFPK	AGAP013509-PA	-	35	0.000908581	3	2198.226	8.8	Larva	2R:+:30341112-30341174	exon=> In CDS Exon 1 of transcript AGAP013509-PA
JHU_Ag_83497	LVNGVTPQAGLNPVVEEK	AGAP013509-PA	-	41	0.000524629	2	1864.030	6.85	Head	2R:+:30341046-30341099	exon=> In CDS Exon 1 of transcript AGAP013509-PA
JHU_Ag_95965	IPLLIGVTK	AGAP013509-PA	-	37	0.00021928	1	953.639	-0.87	Pupa	2R:+:30341175-30341201	exon=> In CDS Exon 1 of transcript AGAP013509-PA
JHU_Ag_6198	ILLGNIPYLLTKK	AGAP013511-PB	-	23	0.001339492	1	1485.938	-1.83	Malpighian tubule	2R:+:36318459-36318497	exon=> In CDS Exon 1 of transcript AGAP013511-PB
JHU_Ag_10886	TDFLDHLLQLQDR	AGAP013511-PB	-	90	1.08E-08	1	1613.833	2.82	Malpighian tubule	2R:+:36324190-36324228	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_16253	NPFSLSGER	AGAP013511-PB	-	61	1.33E-05	1	1006.495	-0.3	Head	2R:+:36320688-36320714	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_21384	RAEITPGFTNNR	AGAP013511-PB	-	59	2.14E-05	1	1375.710	1.82	Head	2R:+:36320727-36320762	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_21805	GFQNFAENDFSDTVDEKSDPLLAR	AGAP013511-PB	-	133	7.29E-13	1	2715.259	2.02	Head	2R:+:36320616-36320687	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_28273	ILLGNIPYLLTK	AGAP013511-PB	-	81	5.93E-09	1	1357.849	2.41	Head	2R:+:36318459-36318494	exon=> In CDS Exon 1 of transcript AGAP013511-PB
JHU_Ag_30672	HTVYNYDQLYNDFKNEPAVGFFSIR	AGAP013511-PB	-	144	5.68E-14	1	3037.444	-1.33	Head	2R:+:36318501-36318532,36320519-36320561	exon=> In CDS Exon 1 and 2 of transcript AGAP013511-PB
JHU_Ag_33117	YPTIQQELRDEIAK	AGAP013511-PB	-	32	0.007445659	2	1703.893	-1.68	Head	2R:+:36324337-36324378	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_38385	TDFLDHLLQLQDR	AGAP013511-PB	-	54	4.69E-05	2	1613.830	1.31	Visceras	2R:+:36324190-36324228	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_43619	TDFLDHLLQLQDRK	AGAP013511-PB	-	41	0.000828774	1	1741.926	1.52	Malpighian tubule	2R:+:36324190-36324231	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_44305	NEPAVGFFSIR	AGAP013511-PB	-	60	1.30E-05	2	1236.637	0.04	Head	2R:+:36320529-36320561	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_44311	GSIWLDFKPIA	AGAP013511-PB	-	68	1.70E-06	1	1246.685	1.71	Head	2R:+:36324856-36324888	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_47684	TDFLDHLLQLQDR	AGAP013511-PB	Q11(Deamidated),Q9(Deamidated)	98	1.78E-09	1	1613.832	2.59	Head	2R:+:36324190-36324228	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_59355	RAEITPGFTNNR	AGAP013511-PB	-	65	5.39E-06	1	1375.709	0.66	Malpighian tubule	2R:+:36320727-36320762	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_60577	HTVYNYDQLYNDFK	AGAP013511-PB	-	102	6.97E-10	1	1819.827	-0.71	Head	2R:+:36318501-36318532,36320519-36320528	exon=> In CDS Exon 1 and 2 of transcript AGAP013511-PB
JHU_Ag_63455	FAVTQVR	AGAP013511-PB	-	42	0.000530654	2	820.466	-2.48	Head	2R:+:36324733-36324753	exon=> In CDS Exon 5 of transcript AGAP013511-PB

JHU_Ag_66472	HTVYNYDQLYNDFKNEPAVGFFSIR	AGAP013511-PB	-	145	5.13E-14	1	3037.451	1.14	Malpighian tubule	2R:+:36318501-36318532,36320519-36320561	exon=> In CDS Exon 1 and 2 of transcript AGAP013511-PB
JHU_Ag_71421	TDFLDHLLQLQDR	AGAP013511-PB	-	50	0.000123089	2	1613.841	7.74	Midgut	2R:+:36324190-36324228	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_73756	GSIWLDFKPIA	AGAP013511-PB	-	42	0.00077364	2	1246.682	-0.84	Visceras	2R:+:36324856-36324888	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_74997	GVYFPFGDGPR	AGAP013511-PB	-	40	0.001461237	1	1211.584	-0.24	Male reproductive organs	2R:+:36324682-36324714	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_75802	ILLGNIPYLLTK	AGAP013511-PB	-	68	1.12E-07	1	1357.850	3.13	Malpighian tubule	2R:+:36318459-36318494	exon=> In CDS Exon 1 of transcript AGAP013511-PB
JHU_Ag_80540	INRTDFLDHLLQLQDR	AGAP013511-PB	-	75	3.16E-07	1	1997.061	2.13	Head	2R:+:36324181-36324228	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_84510	GFQNFAENDFSDTVDEK	AGAP013511-PB	-	95	1.93E-09	2	1962.845	4.84	Visceras	2R:+:36320616-36320666	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_85936	RAIVEVVER	AGAP013511-PB	-	57	1.20E-05	1	1070.629	-2.48	Head	2R:+:36324754-36324780	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_89193	ILLGNIPYLLTK	AGAP013511-PB	-	63	4.29E-07	1	1357.845	-0.1	Male reproductive organs	2R:+:36318459-36318494	exon=> In CDS Exon 1 of transcript AGAP013511-PB
JHU_Ag_91711	YTTDVVASCIFAIDAQSFVK	AGAP013511-PB	C9(Carbamidomethyl)	76	3.71E-07	2	2235.104	1.47	Head	2R:+:36323930-36323989	exon=> In CDS Exon 4 of transcript AGAP013511-PB
JHU_Ag_93932	HTVYNYDQLYNDFK	AGAP013511-PB	-	98	2.08E-09	1	1819.834	2.91	Malpighian tubule	2R:+:36318501-36318532,36320519-36320528	exon=> In CDS Exon 1 and 2 of transcript AGAP013511-PB
JHU_Ag_94251	AEITPGFTNNR	AGAP013511-PB	-	44	0.000697458	2	1219.606	-0.61	Head	2R:+:36320730-36320762	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_102956	ILLGNIPYLLTK	AGAP013511-PB	-	71	5.26E-08	2	1357.850	3.49	Larva	2R:+:36318459-36318494	exon=> In CDS Exon 1 of transcript AGAP013511-PB
JHU_Ag_103384	GFQNFAENDFSDTVDEKSDPLLAR	AGAP013511-PB	-	137	2.75E-13	1	2715.260	2.49	Malpighian tubule	2R:+:36320616-36320687	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_104055	AIVEVVER	AGAP013511-PB	-	37	0.002929838	1	914.530	-0.78	Malpighian tubule	2R:+:36324757-36324780	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_107175	ILLGNIPYLLTK	AGAP013511-PB	-	54	2.89E-06	2	1357.849	2.95	Visceras	2R:+:36318459-36318494	exon=> In CDS Exon 1 of transcript AGAP013511-PB
JHU_Ag_107270	HTVYNYDQLYNDFKNEPAVGFFSIR	AGAP013511-PB	-	47	0.000336605	1	3037.470	7.13	Visceras	2R:+:36318501-36318532,36320519-36320561	exon=> In CDS Exon 1 and 2 of transcript AGAP013511-PB
JHU_Ag_112010	TDFLDHLLQLQDRK	AGAP013511-PB	-	97	1.94E-09	1	1741.926	1.73	Head	2R:+:36324190-36324231	exon=> In CDS Exon 5 of transcript AGAP013511-PB
JHU_Ag_114493	GFQNFAENDFSDTVDEK	AGAP013511-PB	-	119	7.36E-12	1	1962.837	0.79	Head	2R:+:36320616-36320666	exon=> In CDS Exon 2 of transcript AGAP013511-PB
JHU_Ag_5375	AEEEQMPIIPVKEPLDLIR	AGAP013519-PA	N-Term(Acetyl), M6(Oxidation)	43	0.000482465	2	2278.202	0.73	Midgut	2R:-:5859270-5859273,5859068-5859134	exon=> In CDS Exon 2 and 1 of transcript AGAP013519-PA
JHU_Ag_33556	GDGVILVSPPMR	AGAP013519-PA	M11(Oxidation)	42	0.000795766	1	1256.667	-0.11	Male reproductive organs	2R:-:5858867-5858832	exon=> In CDS Exon 3 of transcript AGAP013519-PA
JHU_Ag_74283	AEEEQMPIIPVKEPLDLIR	AGAP013519-PA	N-Term(Acetyl), M6(Oxidation)	108	1.67E-10	1	2278.207	2.87	Ovary	2R:-:5859270-5859273,5859068-5859134	exon=> In CDS Exon 2 and 1 of transcript AGAP013519-PA
JHU_Ag_108426	AEEEQMPIIPVKEPLDLIR	AGAP013519-PA	N-Term(Acetyl), M6(Oxidation)	47	0.00022723	1	2278.202	0.81	Male reproductive organs	2R:-:5859270-5859273,5859068-5859134	exon=> In CDS Exon 2 and 1 of transcript AGAP013519-PA
JHU_Ag_114701	GDGVILVSPPMR	AGAP013519-PA	M11(Oxidation)	59	1.19E-05	1	1256.666	-0.99	Ovary	2R:-:5858867-5858832	exon=> In CDS Exon 3 of transcript AGAP013519-PA
JHU_Ag_105021	TPVVPIVR	AGAP013523-PA	-	30	0.001391021	2	880.560	-1.8	Visceras	2R:+:1254325-1254348	exon=> In CDS Exon 3 of transcript AGAP013523-PA

JHU_Ag_17052	ISIDGGPPLNGNIIEFKK	AGAP013524-PA	-	47	8.53E-05	1	1912.056	1.24	Ovary	2R:-:50691615-50691562	exon=> In CDS Exon 2 of transcript AGAP013524-PA
JHU_Ag_1451	FDYIQNELIQEPSTR	AGAP013527-PA	-	56	3.95E-05	2	1852.912	2.24	Ovary	2R:+:635602-635646	exon=> In CDS Exon 2 of transcript AGAP013527-PA
JHU_Ag_77140	FLNNEGLSDKHILNNFVQK	AGAP013527-PA	-	96	2.60E-09	1	2230.169	3.45	Ovary	2R:+:635979-636035	exon=> In CDS Exon 3 of transcript AGAP013527-PA
JHU_Ag_106237	KPQAWEIQKPGTLVALR	AGAP013527-PA	-	120	1.25E-12	1	1935.123	2.93	Ovary	2R:+:635261-635311	exon=> In CDS Exon 1 of transcript AGAP013527-PA
JHU_Ag_36619	ILTEATNLFLK	AGAP013533-PA	-	47	8.15E-05	2	1262.739	2.61	Visceras	2R:-:13138764-13139041,13138528-13138654	exon=> In CDS Exon 5 and 4 of transcript AGAP013533-PA
JHU_Ag_41213	ILTEATNLFLK	AGAP013533-PA	-	43	0.000160145	1	1262.743	5.99	Pupa	2R:-:13138764-13139041,13138528-13138654	exon=> In CDS Exon 5 and 4 of transcript AGAP013533-PA
JHU_Ag_101705	LDLNLSIK	AGAP013533-PA	-	53	4.34E-05	2	915.552	1.48	Pupa	2R:-:13138830-13138807	exon=> In CDS Exon 4 of transcript AGAP013533-PA
JHU_Ag_2996	DEYWACLDNHAPDYQCTSQAPEPK	AGAP013542-PA	C6(Carbamidomethyl), C16(Carbamidomethyl)	54	1.36E-05	1	2895.206	2.68	Head	2R:-:56378577-56378506	exon=> In CDS Exon 1 of transcript AGAP013542-PA
JHU_Ag_28770	RTYDQFK	AGAP013542-PA	-	35	0.002796961	2	957.475	-3.65	Head	2R:-:56378433-56378413	exon=> In CDS Exon 1 of transcript AGAP013542-PA
JHU_Ag_94	YAFLGPLETAHLNAEGMLNYCDR	AGAP013544-PA	C21(Carbamidomethyl)	36	0.003547638	1	2655.238	1.77	Malpighian tubule	2L:+:46192168-46192236	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_1479	VAIIGSGLIGR	AGAP013544-PA	-	56	5.10E-06	2	1055.660	2.83	Visceras	2L:+:46190834-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA
JHU_Ag_1962	IQYAILNETWR	AGAP013544-PA	-	83	6.01E-08	1	1406.742	-0.35	Male reproductive organs	2L:+:46192066-46192098	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_2563	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	AGAP013544-PA	-	169	3.92E-17	1	3717.016	1.83	Male reproductive organs	2L:+:46191816-46191821,46191895-46191987	exon=> In CDS Exon 2 and 3 of transcript AGAP013544-PA
JHU_Ag_5192	EMEEMVPIDK	AGAP013544-PA	M2(Oxidation), M5(Oxidation)	49	8.16E-05	2	1252.543	-0.6	Midgut	2L:+:46192321-46192350	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_5596	YAFLGPLETAHLNAEGMLNYCDR	AGAP013544-PA	C21(Carbamidomethyl),"M17(Oxidation), C21(Carbamidomethyl)"	59	1.62E-05	1	2671.219	-3.21	Midgut	2L:+:46192168-46192236	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_9173	YCNTIYAVSETMGPTPR	AGAP013544-PA	C2(Carbamidomethyl), M12(Oxidation)	40	0.000970881	2	1975.887	-0.95	Salivary gland	2L:+:46192237-46192287	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_9907	ELMTEIGQKPVTLSR	AGAP013544-PA	M3(Oxidation)	59	1.49E-05	1	1717.917	1.1	Salivary gland	2L:+:46191994-46192038	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_10121	VAIIGSGLIGR	AGAP013544-PA	-	56	6.07E-06	2	1055.653	-3.77	Midgut	2L:+:46190834-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA
JHU_Ag_14083	DAVTDAIYVQECVPER	AGAP013544-PA	C12(Carbamidomethyl)	74	5.62E-07	1	1864.866	-4.75	Malpighian tubule	2L:+:46191648-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_16018	IQYAILNETWR	AGAP013544-PA	-	79	1.70E-07	1	1406.746	2.17	Pupa	2L:+:46192066-46192098	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_17604	ETKLELESVEK	AGAP013544-PA	-	64	6.77E-06	1	1304.694	-0.71	Midgut	2L:+:46191543-46191575	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_18059	DAVTDAIYVQECVPER	AGAP013544-PA	C12(Carbamidomethyl)	103	7.42E-10	1	1864.883	4.3	Midgut	2L:+:46191648-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_19504	LVADGILSVK	AGAP013544-PA	-	55	1.80E-05	2	1014.619	0.06	Midgut	2L:+:46192099-46192128	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_20427	LELESVEK	AGAP013544-PA	-	43	0.001115474	2	946.509	-0.39	Midgut	2L:+:46191552-46191575	exon=> In CDS Exon 2 of transcript AGAP013544-PA

JHU_Ag_27437	GTDNLKDAVTDAIYVQECVPER	AGAP013544-PA	C18(Carbamidomethyl)	63	7.06E-06	1	2493.205	4.73	Male reproductive organs	2L:+:46191630-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_29711	GTDNLKDAVTDAIYVQECVPER	AGAP013544-PA	C18(Carbamidomethyl)	73	7.77E-07	1	2493.200	2.75	Visceras	2L:+:46191630-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_32632	YCNTIYAVSETMGPTPR	AGAP013544-PA	C2(Carbamidomethyl),"C2 (Carbamidomethyl), M12(Oxidation)"	104	4.05E-10	1	1959.900	3.3	Malpighian tubule	2L:+:46192237-46192287	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_37012	EKVAIIGSGLIGR	AGAP013544-PA	-	83	1.24E-08	1	1312.795	0.41	Midgut	2L:+:46190828-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA
JHU_Ag_41369	ELMTEIGQKPVTLSR	AGAP013544-PA	M3(Oxidation)	77	1.64E-07	1	1701.924	2.36	Pupa	2L:+:46191994-46192038	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_41722	ELMTEIGQKPVTLSR	AGAP013544-PA	M3(Oxidation)	101	9.19E-10	1	1717.919	2.17	Malpighian tubule	2L:+:46191994-46192038	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_42125	LELESVEK	AGAP013544-PA	-	42	0.001183217	1	946.510	0.58	Malpighian tubule	2L:+:46191552-46191575	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_42747	EKVAIIGSGLIGR	AGAP013544-PA	-	95	8.83E-10	1	1312.799	3.3	Malpighian tubule	2L:+:46190828-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA
JHU_Ag_42767	ARELMTEIGQKPVTLSR	AGAP013544-PA	M5(Oxidation)	121	4.96E-12	1	1929.060	0.87	Malpighian tubule	2L:+:46191988-46192038	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_43623	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	AGAP013544-PA	-	151	2.14E-15	1	3717.029	5.38	Malpighian tubule	2L:+:46191816-46191821,46191895-46191987	exon=> In CDS Exon 2 and 3 of transcript AGAP013544-PA
JHU_Ag_44130	QIEGFALNR	AGAP013544-PA	-	57	3.12E-05	2	1047.557	-1	Midgut	2L:+:46192039-46192065	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_47504	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	AGAP013544-PA	-	127	5.47E-13	1	3717.032	6.23	Salivary gland	2L:+:46191816-46191821,46191895-46191987	exon=> In CDS Exon 2 and 3 of transcript AGAP013544-PA
JHU_Ag_47524	DIDVVMSEGLGMR	AGAP013544-PA	M6(Oxidation), M12(Oxidation)	48	0.000212012	2	1453.668	0.89	Male reproductive organs	2L:+:46192129-46192167	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_48057	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	AGAP013544-PA	-	145	8.61E-15	1	3717.023	3.67	Pupa	2L:+:46191816-46191821,46191895-46191987	exon=> In CDS Exon 2 and 3 of transcript AGAP013544-PA
JHU_Ag_49403	LVADGILSVK	AGAP013544-PA	-	59	7.15E-06	2	1014.619	0.06	Visceras	2L:+:46192099-46192128	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_49758	ELMTEIGQKPVTLSR	AGAP013544-PA	M3(Oxidation)	91	8.33E-09	1	1717.914	-0.81	Midgut	2L:+:46191994-46192038	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_51564	GTLSAAEQFACIR	AGAP013544-PA	C11(Carbamidomethyl)	97	3.32E-09	1	1423.700	0.33	Visceras	2L:+:46191591-46191629	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_53101	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	AGAP013544-PA	-	115	9.93E-12	1	3717.012	0.65	Midgut	2L:+:46191816-46191821,46191895-46191987	exon=> In CDS Exon 2 and 3 of transcript AGAP013544-PA
JHU_Ag_57684	VAIIGSGLIGR	AGAP013544-PA	-	94	9.13E-10	1	1055.656	-0.76	Male reproductive organs	2L:+:46190834-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA
JHU_Ag_59330	VAIIGSGLIGR	AGAP013544-PA	-	89	2.78E-09	1	1055.660	3.06	Malpighian tubule	2L:+:46190834-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA
JHU_Ag_66908	GTLSAAEQFACIR	AGAP013544-PA	C11(Carbamidomethyl)	85	4.94E-08	2	1423.702	1.19	Pupa	2L:+:46191591-46191629	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_70993	IQYAILNETWR	AGAP013544-PA	-	79	1.92E-07	1	1406.745	1.65	Visceras	2L:+:46192066-46192098	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_71606	VAIIGSGLIGR	AGAP013544-PA	-	75	7.59E-08	2	1055.658	1.21	Pupa	2L:+:46190834-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA

JHU_Ag_73637	LVADGILSVKDIDVVMSEGLGMR	AGAP013544-PA	M16(Oxidation),"M16(Oxidation), M22(Oxidation)"	121	6.62E-12	1	2449.278	4.17	Malpighian tubule	2L:+:46192099-46192167	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_73962	GTDNLKDAVTDAIYVQECVPER	AGAP013544-PA	C18(Carbamidomethyl)	52	9.13E-05	1	2493.200	3.12	Salivary gland	2L:+:46191630-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_74385	EMEEMVPIDKLPER	AGAP013544-PA	-	72	1.05E-06	1	1715.840	3.35	Malpighian tubule	2L:+:46192321-46192362	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_74513	IQYAILNETWR	AGAP013544-PA	N7(Deamidated)	88	1.89E-08	1	1406.742	-0.17	Midgut	2L:+:46192066-46192098	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_75037	DIDVVMSEGLGMR	AGAP013544-PA	M12(Oxidation),"M6(Oxidation), M12(Oxidation)",M6(Oxidation)	108	2.04E-10	2	1437.672	0.41	Midgut	2L:+:46192129-46192167	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_76259	LVADGILSVK	AGAP013544-PA	-	57	6.27E-06	1	1014.623	3.07	Malpighian tubule	2L:+:46192099-46192128	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_82671	YCNTIYAVSETMGPTPR	AGAP013544-PA	C2(Carbamidomethyl), M12(Oxidation)	61	8.36E-06	2	1975.888	-0.46	Male reproductive organs	2L:+:46192237-46192287	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_84012	GTLSAAEQFACIR	AGAP013544-PA	C11(Carbamidomethyl)	74	5.68E-07	2	1423.705	3.67	Midgut	2L:+:46191591-46191629	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_86059	GTLSAAEQFACIR	AGAP013544-PA	C11(Carbamidomethyl)	102	8.11E-10	1	1423.704	2.56	Salivary gland	2L:+:46191591-46191629	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_90054	IQYAILNETWR	AGAP013544-PA	-	83	7.84E-08	1	1406.748	3.65	Malpighian tubule	2L:+:46192066-46192098	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_90414	GTDNLKDAVTDAIYVQECVPER	AGAP013544-PA	C18(Carbamidomethyl)	89	1.92E-08	1	2493.202	3.81	Malpighian tubule	2L:+:46191630-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_92187	LVADGILSVK	AGAP013544-PA	-	58	9.25E-06	2	1014.620	0.18	Salivary gland	2L:+:46192099-46192128	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_97988	IQYAILNETWR	AGAP013544-PA	-	87	2.60E-08	1	1406.744	0.96	Salivary gland	2L:+:46192066-46192098	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_99642	QIEGFALNR	AGAP013544-PA	-	46	0.000366705	2	1047.559	0.63	Pupa	2L:+:46192039-46192065	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_100444	ETKLELESVEK	AGAP013544-PA	-	69	1.80E-06	1	1304.697	1.73	Malpighian tubule	2L:+:46191543-46191575	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_102299	QIEGFALNR	AGAP013544-PA	-	49	0.000184212	1	1047.559	0.98	Malpighian tubule	2L:+:46192039-46192065	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_102825	ELMTEIGQKPVTLSR	AGAP013544-PA	M3(Oxidation)	72	7.43E-07	1	1717.916	0.32	Male reproductive organs	2L:+:46191994-46192038	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_103146	DAVTDAIYVQECVPER	AGAP013544-PA	C12(Carbamidomethyl)	107	2.62E-10	1	1864.882	3.81	Head	2L:+:46191648-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_104009	YCNTIYAVSETMGPTPR	AGAP013544-PA	C2(Carbamidomethyl),"C2(Carbamidomethyl), M12(Oxidation)"	109	1.20E-10	1	1975.884	-2.5	Midgut	2L:+:46192237-46192287	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_105027	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	AGAP013544-PA	-	87	5.05E-09	1	3717.020	2.88	Head	2L:+:46191816-46191821,46191895-46191987	exon=> In CDS Exon 2 and 3 of transcript AGAP013544-PA
JHU_Ag_105423	VAIIGSGLIGR	AGAP013544-PA	-	76	5.11E-08	2	1055.659	1.32	Salivary gland	2L:+:46190834-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA
JHU_Ag_106987	GTLSAAEQFACIR	AGAP013544-PA	C11(Carbamidomethyl)	82	9.02E-08	2	1423.701	0.84	Head	2L:+:46191591-46191629	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_111391	GTLSAAEQFACIR	AGAP013544-PA	C11(Carbamidomethyl)	96	3.48E-09	1	1423.704	3.16	Malpighian tubule	2L:+:46191591-46191629	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_113406	EKVAIIGSGLIGR	AGAP013544-PA	-	58	4.49E-06	1	1312.793	-1.34	Pupa	2L:+:46190828-46190850,46191443-46191458	exon=> In CDS Exon 1 and 2 of transcript AGAP013544-PA

JHU_Ag_114053	GTDNLKDAVTDAIYVQECVPER	AGAP013544-PA	C18(Carbamidomethyl)	150	1.48E-14	2	2493.194	0.48	Midgut	2L:+:46191630-46191695	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_114423	AQVLVAHPVNPPYYVPLVEIVPAPWTKPEYTTK	AGAP013544-PA	-	140	2.85E-14	1	3717.024	3.87	Visceras	2L:+:46191816-46191821,46191895-46191987	exon=> In CDS Exon 2 and 3 of transcript AGAP013544-PA
JHU_Ag_114879	GTLSAAEQFACIR	AGAP013544-PA	C11(Carbamidomethyl)	100	1.62E-09	2	1423.701	1.1	Male reproductive organs	2L:+:46191591-46191629	exon=> In CDS Exon 2 of transcript AGAP013544-PA
JHU_Ag_115023	IQYAILNETWR	AGAP013544-PA	-	50	0.000127246	1	1406.742	-0.35	Head	2L:+:46192066-46192098	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_117215	EMEEMVPIDKLPER	AGAP013544-PA	M2(Oxidation), M5(Oxidation)	80	1.46E-07	1	1715.833	-0.99	Midgut	2L:+:46192321-46192362	exon=> In CDS Exon 3 of transcript AGAP013544-PA
JHU_Ag_32392	YIGMAGSLDYGVLEPLLR	AGAP013713-PA	M4(Oxidation)	101	8.90E-10	1	1983.023	-1.16	Male reproductive organs	3R:+:4848445-4848498	exon=> In CDS Exon 1 of transcript AGAP013713-PA
JHU_Ag_39009	SKVESNFSDILFPGYDATHEQRPK	AGAP013713-PA	-	65	4.82E-06	1	2765.358	1.86	Male reproductive organs	3R:+:4847956-4848027	exon=> In CDS Exon 1 of transcript AGAP013713-PA
JHU_Ag_83542	FLHTVDSLK	AGAP013713-PA	-	44	0.000692973	1	1059.583	-0.4	Male reproductive organs	3R:+:4847899-4847925	exon=> In CDS Exon 1 of transcript AGAP013713-PA
JHU_Ag_93097	RYDTITQEAEHEDAPGINK	AGAP013713-PA	-	81	9.90E-08	1	2187.030	-0.81	Male reproductive organs	3R:+:4848250-4848306	exon=> In CDS Exon 1 of transcript AGAP013713-PA
JHU_Ag_40981	AANVNILPLEECVK	AGAP013716-PA	C12(Carbamidomethyl)	74	4.18E-07	1	1569.831	0.56	Male reproductive organs	3R:-:8493782-8493741	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_58621	VQCLPLLK	AGAP013716-PA	C3(Carbamidomethyl)	45	0.000140933	1	970.575	-0.15	Male reproductive organs	3R:-:8493893-8493870	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_81899	AYGLLIHEHMFCAGYR	AGAP013716-PA	M10(Oxidation), C12(Carbamidomethyl)	110	1.57E-10	1	1953.909	-0.32	Male reproductive organs	3R:-:8493740-8493693	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_90273	FSCGGSIIGPR	AGAP013716-PA	C3(Carbamidomethyl)	81	1.09E-07	2	1150.567	-0.31	Male reproductive organs	3R:-:8494121-8494089	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_97618	SIEEIAVGKPVVISGFGSTEEGGYETVLK	AGAP013716-PA	-	191	7.22E-19	1	2995.550	-0.53	Male reproductive organs	3R:-:8493869-8493783	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_100794	RLEYNEK	AGAP013716-PA	-	35	0.003889123	1	951.492	2.86	Male reproductive organs	3R:-:8493914-8493894	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_105683	EGQVDTCQGDSGGPLVLDSK	AGAP013716-PA	C7(Carbamidomethyl)	160	1.42E-15	1	2061.938	-0.8	Male reproductive organs	3R:-:8493692-8493633	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_117028	LAGVIFYGEGCAR	AGAP013716-PA	C11(Carbamidomethyl)	98	2.75E-09	1	1412.700	0.59	Male reproductive organs	3R:-:8493632-8493594	exon=> In CDS Exon 1 of transcript AGAP013716-PA
JHU_Ag_20884	VYLDDVEYGLR	AGAP013724-PA	-	67	2.34E-06	2	1341.672	2.24	Visceras	3R:-:6960715-6960683	exon=> In CDS Exon 1 of transcript AGAP013724-PA
JHU_Ag_68958	VYLDDVEYGLR	AGAP013724-PA	-	96	2.93E-09	1	1341.670	0.97	Head	3R:-:6960715-6960683	exon=> In CDS Exon 1 of transcript AGAP013724-PA
JHU_Ag_107572	ETEQCWKL	AGAP013724-PA	C5(Carbamidomethyl)	39	0.00132833	1	1093.497	-1.54	Salivary gland	3R:-:6960396-6960373	exon=> In CDS Exon 2 of transcript AGAP013724-PA
JHU_Ag_117075	VYLDDVEYGLR	AGAP013724-PA	-	100	1.12E-09	1	1341.668	-0.49	Salivary gland	3R:-:6960715-6960683	exon=> In CDS Exon 1 of transcript AGAP013724-PA
JHU_Ag_4711	WTVEVIK	AGAP013728-PA	-	42	0.000923354	2	874.504	0.79	Visceras	3R:-:4492844-4492824	exon=> In CDS Exon 1 of transcript AGAP013728-PA
JHU_Ag_70722	WTVEVIK	AGAP013728-PA	-	35	0.004399142	2	874.505	1.56	Head	3R:-:4492844-4492824	exon=> In CDS Exon 1 of transcript AGAP013728-PA
JHU_Ag_17099	YYDSDSFFHDR	AGAP013738-PA	-	67	3.50E-07	1	1451.588	1.41	Malpighian tubule	3R:+:3262215-3262247	exon=> In CDS Exon 3 of transcript AGAP013738-PA
JHU_Ag_45030	LALLGLNGPSILSR	AGAP013738-PA	-	54	5.76E-06	1	1423.865	0.95	Malpighian tubule	3R:+:3262002-3262043	exon=> In CDS Exon 3 of transcript AGAP013738-PA
JHU_Ag_60891	EAELYSLLFNK	AGAP013738-PA	-	57	2.19E-05	1	1326.695	0.35	Malpighian tubule	3R:+:3261238-3261270	exon=> In CDS Exon 2 of transcript AGAP013738-PA
JHU_Ag_113984	YVEYYYNSLQNK	AGAP013738-PA	-	72	1.03E-06	2	1583.744	3.74	Malpighian tubule	3R:+:3261966-3262001	exon=> In CDS Exon 3 of transcript AGAP013738-PA

JHU_Ag_41960	ECTSESCGAGVFMAAHEDR	AGAP013742-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), M13(Oxidation)	39	0.000225439	1	2129.840	3.79	Head	3R:-:3990579-3990523	exon=> In CDS Exon 2 of transcript AGAP013742-PA
JHU_Ag_68424	ECTSESCGAGVFMAAHEDR	AGAP013742-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), M13(Oxidation)	72	9.44E-08	1	2129.831	-0.42	Ovary	3R:-:3990579-3990523	exon=> In CDS Exon 2 of transcript AGAP013742-PA
JHU_Ag_71520	CHLTLVYSK	AGAP013742-PA	C1(Carbamidomethyl)	55	5.69E-05	1	1120.570	-10.4	Malpighian tubule	3R:-:3990507-3990481	exon=> In CDS Exon 2 of transcript AGAP013742-PA
JHU_Ag_78763	ECTSESCGAGVFMAAHEDR	AGAP013742-PA	C2(Carbamidomethyl), C7(Carbamidomethyl), M13(Oxidation)	33	0.001047201	1	2129.839	3.36	Larva	3R:-:3990579-3990523	exon=> In CDS Exon 2 of transcript AGAP013742-PA
JHU_Ag_79111	CHLTLVYSK	AGAP013742-PA	C1(Carbamidomethyl)	44	0.000593095	1	1120.581	-0.77	Head	3R:-:3990507-3990481	exon=> In CDS Exon 2 of transcript AGAP013742-PA
JHU_Ag_110173	ECTSESCGAGVFMAAHEDR	AGAP013742-PA	C2(Carbamidomethyl), C7(Carbamidomethyl),"C2 (Carbamidomethyl), C7(Carbamidomethyl), M13(Oxidation)"	36	0.000319112	1	2129.827	-2.65	Midgut	3R:-:3990579-3990523	exon=> In CDS Exon 2 of transcript AGAP013742-PA
JHU_Ag_114450	CHLTLVYSK	AGAP013742-PA	C1(Carbamidomethyl)	64	6.18E-06	1	1120.581	-0.99	Ovary	3R:-:3990507-3990481	exon=> In CDS Exon 2 of transcript AGAP013742-PA
JHU_Ag_68247	VIVQSGAIIR	AGAP013747-PA	-	38	0.000357621	2	1055.658	0.64	Male reproductive organs	3R:-:4022403-4022374	exon=> In CDS Exon 1 of transcript AGAP013747-PA
JHU_Ag_54045	VVYELLR	AGAP013752-PA	-	42	0.000320223	2	891.530	-0.31	Male reproductive organs	3R:-:6096368-6096348	exon=> In CDS Exon 2 of transcript AGAP013752-PA
JHU_Ag_88320	VVYELLR	AGAP013752-PA	-	44	0.000203448	1	891.530	-0.37	Ovary	3R:-:6096368-6096348	exon=> In CDS Exon 2 of transcript AGAP013752-PA
JHU_Ag_4985	DIVTSQGQIIGAVVADNESIAK	AGAP013758-PA	-	172	5.51E-17	1	2228.180	1.28	Malpighian tubule	3R:+:2795008-2795073	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_8075	TGAQEHFYLEPIACIAYPR	AGAP013758-PA	C14(Carbamidomethyl)	64	6.16E-06	1	2236.086	0.32	Malpighian tubule	3R:+:2795248-2795304	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_10189	DGLLLAGEYK	AGAP013758-PA	-	60	1.31E-05	1	1078.579	0.66	Malpighian tubule	3R:+:2795596-2795625	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_13438	DLSYSVMQR	AGAP013758-PA	M7(Oxidation)	52	5.08E-05	1	1114.520	0.04	Malpighian tubule	3R:+:2795653-2795667,2795733-2795744	exon=> In CDS Exon 2 and 3 of transcript AGAP013758-PA
JHU_Ag_13457	HVAQELKLDHVSLIEK	AGAP013758-PA	-	92	2.46E-09	1	1859.041	1.51	Malpighian tubule	3R:+:2795889-2795936	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_23709	LPGFANIPGELNVSLLTGAPNPR	AGAP013758-PA	-	106	1.18E-10	1	2347.278	0.38	Malpighian tubule	3R:+:2796792-2796860	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_25598	VDLFVTPVALAAYR	AGAP013758-PA	-	100	4.97E-10	1	1534.865	1.09	Malpighian tubule	3R:+:2795452-2795493	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_25912	DSDELEIISCSQHPAEAQRK	AGAP013758-PA	C10(Carbamidomethyl)	110	1.60E-10	1	2313.086	3.46	Malpighian tubule	3R:+:2795305-2795364	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_28294	FFSADDLTDEQNR	AGAP013758-PA	-	118	1.09E-11	1	1557.684	1.27	Malpighian tubule	3R:+:2794930-2794968	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_28494	DSDELEIISCSQHPAEAQR	AGAP013758-PA	C10(Carbamidomethyl)	101	8.71E-10	1	2184.985	0.84	Malpighian tubule	3R:+:2795305-2795361	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_32511	MIQVAATALQIPFDK	AGAP013758-PA	M1(Oxidation)	115	2.87E-11	1	1661.895	1.35	Malpighian tubule	3R:+:2796243-2796287	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_32618	TAWYRPTTLNDLLALK	AGAP013758-PA	-	54	2.37E-05	1	1876.045	6.5	Malpighian tubule	3R:+:2793727-2793774	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_33417	TAWYRPTTLNDLLALKK	AGAP013758-PA	-	41	0.000279298	3	2004.125	-1.17	Visceras	3R:+:2793727-2793777	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_34553	TAWYRPTTLNDLLALKK	AGAP013758-PA	-	76	5.02E-08	1	2004.140	5.95	Malpighian tubule	3R:+:2793727-2793777	exon=> In CDS Exon 2 of transcript AGAP013758-PA

JHU_Ag_41173	ETKVDLFVTPVALAAYR	AGAP013758-PA	-	64	1.63E-06	1	1893.055	3.59	Malpighian tubule	3R:+:2795443-2795493	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_41471	GFGSPQAMFVAETVIR	AGAP013758-PA	M8(Oxidation)	110	1.26E-10	1	1725.865	1.27	Malpighian tubule	3R:+:2795841-2795888	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_41832	RPQVHASAYK	AGAP013758-PA	-	48	0.000130921	1	1156.621	-0.64	Malpighian tubule	3R:+:2794753-2794782	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_43400	DIVTSQGQIIGAVVADNESIAK	AGAP013758-PA	-	52	5.42E-05	2	2228.185	3.43	Midgut	3R:+:2795008-2795073	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_43582	LGAIVEDERIFAK	AGAP013758-PA	-	60	8.31E-06	1	1460.814	2.43	Malpighian tubule	3R:+:2794969-2795007	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_44158	VANALSIPCHK	AGAP013758-PA	C9(Carbamidomethyl)	72	6.37E-07	1	1209.643	1.54	Malpighian tubule	3R:+:2795365-2795397	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_46156	MESLAQFNCNVPLVLFVNGK	AGAP013758-PA	N-Term(Acetyl), M1(Oxidation), C9(Carbamidomethyl)	59	1.88E-05	1	2338.158	0.19	Malpighian tubule	3R:+:2792972-2793031	exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_47877	AIGEPPLFLASSVYFAIK	AGAP013758-PA	-	70	5.34E-07	1	1923.064	0.43	Malpighian tubule	3R:+:2796879-2796932	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_48579	LGAIVEDER	AGAP013758-PA	-	50	0.000147406	2	1001.525	-1.07	Midgut	3R:+:2794969-2794995	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_55549	VVYEDLTPIIVSLEDAIAR	AGAP013758-PA	-	99	8.53E-10	1	2116.158	2.17	Malpighian tubule	3R:+:2795095-2795151	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_58559	TAWYRPTTLNDLLALK	AGAP013758-PA	-	44	0.000228958	1	1876.037	2	Visceras	3R:+:2793727-2793774	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_61147	ALLHIQNAYK	AGAP013758-PA	-	55	1.97E-05	1	1170.666	2.3	Malpighian tubule	3R:+:2795745-2795774	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_61667	LEYGNVDAAFDSAYVIVEGECR	AGAP013758-PA	C21(Carbamidomethyl)	141	1.05E-13	1	2477.137	3.02	Malpighian tubule	3R:+:2795182-2795247	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_62174	VIDSSPDPECTLLVYLREK	AGAP013758-PA	C10(Carbamidomethyl)	41	0.001026734	1	2234.148	4.57	Malpighian tubule	3R:+:2793035-2793091	exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_62857	DSAGGWNAWIR	AGAP013758-PA	-	84	5.75E-08	2	1232.587	5.23	Malpighian tubule	3R:+:2796429-2796461	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_63549	RPQVHASAYK	AGAP013758-PA	-	37	0.001875029	2	1156.621	-0.71	Midgut	3R:+:2794753-2794782	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_65817	IPNTSATAASVASDLNGAAVLEACR	AGAP013758-PA	C24(Carbamidomethyl)	100	1.32E-09	1	2459.220	-0.01	Malpighian tubule	3R:+:2796318-2796392	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_80382	MLCSDTITR	AGAP013758-PA	M1(Oxidation), C3(Carbamidomethyl)	40	0.000934545	2	1112.508	0.31	Malpighian tubule	3R:+:2797017-2797043	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_83228	QAYLDR	AGAP013758-PA	-	39	0.001939507	2	765.389	0.27	Malpighian tubule	3R:+:2796462-2796479	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_86069	VDLFVTPVALAAYR	AGAP013758-PA	-	42	0.000330069	2	1534.861	-1.05	Midgut	3R:+:2795452-2795493	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_87593	VSGDQPATDPIRRPQVHASAYK	AGAP013758-PA	-	49	0.000123144	1	2393.239	2.73	Malpighian tubule	3R:+:2794717-2794782	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_95151	MESLAQFNCNVPLVLFVNGK	AGAP013758-PA	N-Term(Acetyl), M1(Oxidation), C9(Carbamidomethyl), N18(Deamidated)	81	1.20E-07	1	2339.146	2.15	Malpighian tubule	3R:+:2792972-2793031	exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_95692	VIDSSPDPECTLLVYLR	AGAP013758-PA	C10(Carbamidomethyl)	69	1.85E-06	1	1977.001	0.63	Malpighian tubule	3R:+:2793035-2793085	exon=> In CDS Exon 1 of transcript AGAP013758-PA
JHU_Ag_102946	AYSNAGYSR	AGAP013758-PA	-	53	3.16E-05	2	988.449	0.85	Malpighian tubule	3R:+:2795626-2795652	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_103872	GPGTYKLPGFANIPGELNVSLLTGAPNPR	AGAP013758-PA	-	80	3.39E-08	1	2950.590	3.86	Malpighian tubule	3R:+:2796774-2796860	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_104192	LDHVSLIEK	AGAP013758-PA	-	66	1.21E-06	1	1053.595	1.03	Malpighian tubule	3R:+:2795910-2795936	exon=> In CDS Exon 3 of transcript AGAP013758-PA

JHU_Ag_108100	HPFLVR	AGAP013758-PA	-	28	0.003204451	1	768.452	1.08	Malpighian tubule	3R:+:2795557-2795574	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_109735	TAWYRPTTLNDLLALKK	AGAP013758-PA	-	32	0.001789872	1	2004.132	2.3	Head	3R:+:2793727-2793777	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_109908	VANALSIPCHKVFSR	AGAP013758-PA	C9(Carbamidomethyl)	71	6.22E-07	1	1698.918	4.33	Malpighian tubule	3R:+:2795365-2795409	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_110947	TAWYRPTTLNDLLALKK	AGAP013758-PA	-	27	0.007286416	1	2004.131	1.66	Midgut	3R:+:2793727-2793777	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_112410	QTQVDAFNR	AGAP013758-PA	-	36	0.003842376	2	1078.527	-0.68	Malpighian tubule	3R:+:2796048-2796074	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_112675	TNLPSCTAFR	AGAP013758-PA	C6(Carbamidomethyl)	45	0.000481082	2	1166.565	2.4	Malpighian tubule	3R:+:2795811-2795840	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_112790	LGAIVEDER	AGAP013758-PA	-	66	3.77E-06	1	1001.526	-0.33	Malpighian tubule	3R:+:2794969-2794995	exon=> In CDS Exon 2 of transcript AGAP013758-PA
JHU_Ag_115967	LIENCTVR	AGAP013758-PA	C5(Carbamidomethyl)	46	0.000428076	2	1004.520	1.04	Malpighian tubule	3R:+:2795979-2796002	exon=> In CDS Exon 3 of transcript AGAP013758-PA
JHU_Ag_103107	ILKPVDDEEAEEDQQGGVYEQR	AGAP013765-PA	-	40	0.001409092	1	2547.199	5.49	Head	3R:+:6381376-6381441	exon=> In CDS Exon 1 of transcript AGAP013765-PA
JHU_Ag_97508	KFIIQDLDEK	AGAP013775-PA	Q5(Deamidated)	38	0.001985661	1	1249.663	-3.6	Larva	3R:+:2127695-2127724	exon=> In CDS Exon 2 of transcript AGAP013775-PA